#### AMENDATORY CONTRACT AND AGREEMENT

THIS AMENDATORY CONTRACT AND AGREEMENT is made between the CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado (the "City") and AP MOUNTAIN STATES, LLC d/b/a ADOLFSON & PETERSON CONSTRUCTION, with its principal place of business located at 797 Ventura Street, Aurora, Colorado 80011 (the "Contractor"), jointly the "Parties."

#### RECITALS

**A.** The City and Contractor entered into a Contract and Agreement dated September 23, 2015 to construct the new Central Denver Recreation Center located at 2401 E. Colfax Avenue (the "Agreement"), and

**B.** The City and Contractor wish to amend the Contract and Agreement to include Bid Package II.

**NOW, THEREFORE**, the parties hereby amend the Contract and Agreement as follows:

**1.** The City wishes to construct a new recreation center on the property currently known as 2401 E. Colfax Ave, previously known as 2405 E. Colfax Ave and 1530 Josephine St, and associated adjacent Right of Way (ROW) improvements known as:

#### Central Denver Recreation Center - Bid Package I and Bid Package II PROJECT NO. PWC2014-1003 CONTRACT CONTROL NO. 201523539 (the "PROJECT")

2. Paragraph 9 of the Agreement is hereby amended to read as follows:

"9. Based on this review, the Contractor is thoroughly informed about the Project and the Project design. Contractor has submitted and the City has accepted a GMP to construct Bid Package I and Bid Package II of the Project. Paragraph 10 of the Agreement is hereby amended to read as follows:

**3.** Paragraph 10 of the Agreement is hereby amended to read as follows:

"10. As a consequence of the Project's time limitations and in order to maintain the existing Project schedule, the Contractor and the City now desire to enter into a Construction Manager/General Contractor contract (the "Construction Contract") for a Guaranteed Maximum Price (the "GMP") for all of the Work necessary to complete Bid Package I and Bid Package II of the Project."

4. Paragraph 1.1.2 of the Agreement is hereby amended to read as follows:

"**1.1.2** The specific details of the Project are more particularly set forth in Bid Package I GMP, Bid Package Document drawings prepared by the Designer and dated

March 27, 2015 and Bid Package II GMP, Bid Package Document drawings prepared by the Designer and dated October 16, 2015."

5. Paragraph 1.1.3.2 of the Agreement is hereby amended to read as follows:

**"1.1.3.2 Bid Package II Guaranteed Maximum Price (GMP) Work.** The GMP proposal will include remaining building and site work and all work necessary to complete the work more particularly set out in Bid Package II Design Drawings and the Contractor's Basis for GMP Proposal (attached as Exhibit T)."

6. Paragraph 1.2 of the Agreement is hereby amended to read as follows:

"1.2 <u>Budget</u>. The Contractor acknowledges and accepts that there are limited funds available to construct the Project. The Project construction budget (the "Budget") is **TWENTY NINE MILLION EIGHT HUNDRED NINETY NINE THOUSAND NINE HUNDRED SEVENTY TWOAND NO CENTS** (\$29,899,972.00), and is subject to increase or decrease at the sole discretion of the Manager of Public Works. The Contract further acknowledges and accepts that the GMP Work must be completed within the construction budget. As part of this acknowledgment and acceptance, the Contractor shall at all times cooperate fully with the City and the Design Consultant to develop the Project and its various components for construction and ultimately construct the Project so as not to exceed the limited funds available in the Project Budget."

7. Paragraph 1.4 of the Agreement is hereby amended to read as follows:

"1.4 <u>Allowances.</u> The allowances set forth in the GMP Proposal have been accepted by the Project Manager. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the City may direct, but the Contractor shall not be required to employ any persons or entities against which the Contractor may make reasonable objection. The Contractor may also supply allowances for those items the Contractor and the Project Manager mutually determine require an allowance. **Exhibit C and Exhibit T** (GMP Proposals) set forth all allowances applicable to the Work unless otherwise provided for in the Contract Documents."

8. Paragraph 1.5.1 of the Agreement is hereby amended to read as follows:

"1.5.1 Construction Contingency Amount. The GMP will include a construction contingency in an amount equal to a lump sum of FIVE HUNDRED NINETY THOUSAND EIGHT HUNDRED SEVENTY SEVEN DOLLARS AND NO CENTS (\$590,877.00) ("Construction Contingency") for the entire scope of the GMP Work. Adjustments to the construction contingency to be made by written amendment."

9. Paragraph 1.5.4 of the Agreement is hereby amended to read as follows:

"1.5.4 Owner's Contingency Amount. The GMP will include an Owner's Contingency in an amount equal to a lump sum of ONE MILLION DOLLARS

**AND NO CENTS (\$1,000,000.00)** ("Owner's Contingency"). Adjustments to owner's contingency to be made by written agreement."

- **10.** Paragraph 2.1 of the Agreement is hereby amended to add Bid Package II GMP Proposal (attached as **Exhibit T**) and is made a Contract Document.
- **11.** Paragraph 3.2.2.1 of the Agreement is hereby amended to read as follows:

"**3.2.2.1 GMP Scope of Work**. The Contractor shall perform all Construction Services, as set forth in the Bid Package I GMP Proposal, which is attached as **Exhibit C** and Bid Package II GMP Proposal, which is attached as **Exhibit T**.

**12.** Paragraph 3.3.4 of the Agreement is hereby amended to read as follows:

"**3.3.4** Finally, the Contractor represents that it has reviewed the 100% Construction Documents ("CD"), accepts the terms and requirements thereof and affirmatively states that the Project, as expressed by the design documents and the Project requirements and constraints as modified by value engineering suggestions, budget adjustments and cost cutting measures suggested by the Contractor as of June 29, 2015 and as of January 8, 2016, is a reasonable and constructible Project, incorporating a reasonable and workable delivery approach, schedule and budget."

**13.** Paragraph 7.2.2 of the Agreement is hereby amended to read as follows:

**``7.2.2** Notwithstanding the bidding requirements set forth in Section 7.2.1, the Contractor shall submit to the City, on or before March 31, 2015, a final Self Performed Work Proposal for the Surveying, Erosion Control, Concrete, Rough Carpentry, Wall Blocking, Doors, and General Trades work on the Project. Such final Proposal shall be for the scope of work described in the Self Performed Work Proposal attached hereto as Exhibit J and, under no circumstances, shall the proposal exceed the maximum amount for such work set forth in Exhibit C and Exhibit T. Upon receipt of the A&P Mountain States, LLC 13 Contract No. 201523539 final Proposal, the Manager may, at the Manager's sole discretion, accept the proposal, reject the proposal or engage in further negotiations regarding this work. If finally accepted by the Manager, the City will issue a change order for this work and the work described in the Final Self Performed Work Proposal will be incorporated into the GMP Scope of Work and GMP price as if fully set forth herein. In addition, the Construction Time shall be adjusted accordingly. If the City rejects the final proposal, the terms of Section 7.2.1 shall apply to the above described work of the Project."

14. Paragraph 8.1.24 of the Agreement is hereby amended to read as follows:

**"8.1.24** Contractor's General Conditions expenses as identified in **Exhibit C** and **Exhibit T**. These expenses include rented or purchased materials and equipment used by the Contractor at the Project site office in connection with the Work."

**15.** Paragraph 8.3 of the Agreement is hereby amended to read as follows:

"8.3 <u>Contractor's Fee</u>. The "Contractor's Fee" (the "Fee") to be paid to the Contractor and included in the GMP shall be a lump sum SIX HUNDRED NINETY TWO THOUSAND SEVEN HUNDRED SEVENTY FOUR **DOLLARS AND NO CENTS (\$692,774.00**), payable in progress installments pursuant to a mutually agreeable schedule of progress installments."

**16.** Paragraph 8.4.2 of the Agreement is hereby amended to read as follows:

**"8.4.2 Guaranteed Maximum Price**. The GMP shall be established at the time the GMP proposal is accepted by the City and incorporated herein as **Exhibit C and Exhibit T**, subject to adjustments as provided in the Contract Documents."

17. Paragraph 8.4.3 of the Agreement is hereby amended to read as follows:

"8.4.3 The Guaranteed Maximum Price consists of the sum of (i) the estimated Cost of the Work; and (ii) the Fee. The Contractor has presented and the City has accepted the Guaranteed Maximum Price and Basis of the GMP Proposal attached hereto as **Exhibit C and Exhibit T**. The Parties specifically agree that the City shall not be subject to any cost, charge or fee under this Agreement that is not specified above."

**18.** Paragraph 8.6 of the Agreement is hereby amended to read as follows:

**"8.6** Construction Contract Amount and Funding. In accordance with the terms of this Construction Contract, the maximum Construction Contract Amount to be paid by the City to the Contractor under this Agreement shall not exceed **TWENTY NINE MILLION EIGHT HUNDRED NINETY NINE THOUSAND NINE HUNDRED SEVENTY TWO DOLLARS AND NO CENTS (\$29,899,972.00)**. The Contractor guarantees and warrants that the Project will be completed by its performance hereunder for the GMP amount. In no event will the City's liability exceed the maximum Construction Contract Amount, as adjusted by duly authorized change order in accordance with this Construction Contractor hereunder shall not subject the City to any cost, charge or fee not specified above."

**19.** Paragraph 10.6 of the Agreement is hereby amended to read as follows:

"10.6 <u>Appropriation</u>. Notwithstanding any other term, provision, or condition herein, all payment obligations under this Construction Contract shall be limited to the funds appropriated or otherwise made available by the Denver City Council and paid into the Treasury of the City. As of the date of this Construction Contract, TWENTY NINE MILLION EIGHT HUNDRED NINETY NINE THOUSAND NINE HUNDRED SEVENTY TWO DOLLARS AND NO CENTS (\$29,899,972.00) have been appropriated for this Construction Contract. The Manager of Public Works, upon reasonable written request, will advise the

Contractor in writing of the total amount of appropriated and encumbered funds that are or remain available for payment to the Contractor."

**20.** Except as herein amended, the Agreement is affirmed and ratified in each and every particular.

### [SIGNATURE PAGES FOLLOW]

**Contract Control Number:** 

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL	CITY AND COUNTY OF DENVER
ATTEST:	By
APPROVED AS TO FORM:	REGISTERED AND COUNTERSIGNED:
	By
By	

By\_\_\_\_\_



#### Contract Control Number: PWADM-201523539-02

**Contractor Name:** 

AP Mountain States, LLC

4 By: Much

TOM HORSTING, SR. VICE PRESIDENT **AP MOUNTAIN STATES** 

Name: \_

(please print)

Title: \_\_\_\_\_\_\_\_\_(please print)

**ATTEST:** [if required]

By:

Name:

(please print)

Title: \_\_\_\_\_\_\_\_(please print)



Cons	fson terson struction					
Owner:	Aurora, CO 80011 Central Denver Recreation Center City and County of Denver Barker Rinker Seacat Architecture					Date:         06/29/15           Estimator:         Cole Mayer           Project SF:         61,027           in Months:         19.00
		BP1GMP	REC			Estimate #: 50% DD
	Project Summary Sheet - Estimated Cost	of the Work				
		BP#1 GMP - 50% DD Estimate	BP#2 - 50% DD Estimate	Subtotal		
Division #0	Procurement and Contracting Requirements	\$276,563	\$599,802	876,365	\$14.36 /SF	3.8% of Direct Costs
Division #1	General Requirements	\$161,263	\$471,145	632,408	\$10.36 /SF	2.7% of Direct Costs
Division #2	Existing Conditions	\$61,853	\$0	61,853	\$1.01 /SF	0.3% of Direct Costs
Division #3 Division #4	Concrete Masonry	\$647,936 \$0	\$592,657 \$1,205,355	1,240,593	\$20.33 /SF	5.4% of Direct Costs
Division #4	Masonry Metals	\$0 \$90,000	\$1,205,355 \$2,209,010	1,205,355 2,299,010	\$19.75 /SF \$37.67 /SF	5.2% of Direct Costs 10.0% of Direct Costs
Division #6	Wood, Plastics, and Composites	\$90,000 \$0	\$2,209,010	2,299,010	\$4.48 /SF	1.2% of Direct Costs
Division #7	Thermal and Moisture Protection	\$0	\$825,470	825,470	\$13.53 /SF	3.6% of Direct Costs
Division #8	Openings	\$0	\$1,384,997	1,384,997	\$22.69 /SF	6.0% of Direct Costs
Division #9	Finishes	\$0	\$1,573,764	1,573,764	\$25.79 /SF	6.8% of Direct Costs
Division #10	Specialties	\$0	\$227,115	227,115	\$3.72 /SF	1.0% of Direct Costs
Division #11	Equipment	\$0	\$92,595	92,595	\$1.52 /SF	0.4% of Direct Costs
Division #12	Furnishings	\$0	\$147,480	147,480	\$2.42 /SF	0.6% of Direct Costs
Division #13	Special Construction	\$2,963,771	\$0	2,963,771	\$48.56 /SF	12.8% of Direct Costs
Division #14	Conveying Equipment	\$0	\$148,012	148,012	\$2.43 /SF	0.6% of Direct Costs
Division #21	Fire Suppression	\$0	\$297,219	297,219	\$4.87 /SF	1.3% of Direct Costs
Division #22	Plumbing	\$0	\$1,396,692	1,396,692	\$22.89 /SF	6.0% of Direct Costs
Division #23	Heating, Ventilating and Air Conditioning	\$409,081	\$1,575,089	1,984,169	\$32.51 /SF	8.6% of Direct Costs
Division #25	Integrated Automation	\$0 ©0	\$0	0	\$0.00 /SF	0.0% of Direct Costs
Division #26 Division #27	Electrical Communications	\$0 \$0	\$1,630,794 \$147,654	1,630,794	\$26.72 /SF \$2.42 /SF	7.1% of Direct Costs 0.6% of Direct Costs
Division #28	Electonic Safety and Security	\$0 \$0	\$147,054 \$177,394	147,654		
Division #31	Earthwork	<sub>\$0</sub> \$1.878.371	\$177,394 \$0	177,394 1,878,371	\$2.91 /SF \$30.78 /SF	0.8% of Direct Costs 8.1% of Direct Costs
Division #32	Exterior Improvements	\$0	\$838.020	838.020	\$13.73 /SF	3.6% of Direct Costs
Division #33	Utilities	\$792,779	\$000,020 \$0	792,779	\$12.99 /SF	3.4% of Direct Costs
	Subtotal	\$7,281,617	\$15,813,775	\$23,095,392	\$378.45 /SF	100.0% of Project
	Utility Tap & Devel. Fees	By Owner	By Owner	By Owner		
	Building Permit & Plan Review Fees	By Owner	By Owner	By Owner		
	Use Tax	N/A	N/A	N/A		
	Bidding Contingency	\$364,081	\$790,689	1,154,770	\$18.92 /SF	5% of Subtotal
	Construction Contingency	\$160,560	\$348,694 \$42,061	509,253	\$8.34 /SF	2% of Subtotal
	Builders Risk Insurance Comprehensive General Liability Insurance	\$19,828 \$81,391	\$43,061 \$176,761	62,889	\$1.03 /SF	0.25% of Project
	Perform., Labor & Material Bond	\$44,282	\$96,169	258,152 140,451	\$4.23 /SF \$2.30 /SF	1% of Costs 0.56% of Project
	Escalation Allowance	\$119,276	\$259,037	378,314	\$6.20 /SF	1.50% of Project
	General Contractors Fee	\$218,061	\$360,029	578,090	\$9.47 /SF	
	Preconstruction Services	w/ Precon Ag.	w/ Precon Ag.	0	\$0.00 /SF	0.25% of Project
I	Estimated Cost of Construction 50% DD Owner's Contingency Bid Package 1 GMP Total	\$8,289,096 \$500,000 \$8,789,096	\$17,888,215	\$26,177,310	\$428.95 /SF	100.0% of Project

Bid	Package # <sup>·</sup>	1 - GMP
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					Bid Package #1 - GMP		
	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
Division 0 -	General Con	nditions					
00 72 00	AIA Gener	al Conditions					
	1	BP#1 - General conditions of the contract	1.00	ls	\$276,563.00	per GC & Fee Matrix	\$276,563
		Public services and development fees				Not Included - See Summary	\$0
00 72 00 Tota	l					\$276,563	· · · · · ·
Division 0 - Ge	neral Conditions	s Total				\$276,563	
	- General Re						
01 14 00	Work Rest						
		BP#1 - GMP					
		Traffic & Pedestrian Control Signage for ROW closures	509.00	days	\$25.00		\$12,725
		Reconfigure, setup/takedown Warning Signage	407.20	hrs	\$42.63		\$17,358
		Off-hours work				Not Included	\$0
		Site access requirements - offsite staging				Not Included	\$0
	6	ROW Closure Permit Fees - sidewalks and traffic lane				Not Req'd per Brett H. email & discussion 11/5	\$0
01 14 00 Tota						\$30,083	
01 33 00	Submittals	• • • • • • • • • • • • • • • • • • •					
	1	Delivery costs / messenger services				GC's	\$0
	2	Reproduction costs	20.00	ea	\$200.00		\$4,000
01 33 00 Tota	l					\$4,000	
01 45 00	Quality Co	ntrol					
	1	Independent testing				By Owner	\$0
	2	Soil compaction tests				By Owner	\$0
	3	Concrete tests				By Owner	\$0
	4	Steel weld test / inspections				By Owner	\$0
01 45 00 Tota	l					\$0	
01 51 00	Temporary	/ Facilities					
		Recycling Signage on All Dumpsters for LEED Recycling					
	2	Program	1.00	ls	\$400.00		\$400
		Traffic & Pedestrian Control Plan Development	1.00	sub	\$380.00		\$380
	4		376.00	lf	\$75.00		\$28,200
	5	Jersey Barriers - delivery, setup/takedown	1.00	ls	\$4,190.00		\$4,190
		Right Lane Closure at Josephine Street	30.00	days	\$400.00		\$12,000
	7	Weather Protection	1.00	allow	\$65,000.00	Moved from General Conditions	\$65,000
	8	Snow removal	1.00	allow	\$7,000.00	Moved from General Conditions	\$7,000
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GMP Proposal. BP1. Contract Exhibit. Page 3 of 39

### **Central Denver Recreation Center**

Bid Pa	ackage #1	- GMP
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					Bid Package #1 - GMP		
	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
01 51 00	9	Dumpsters	22.00	ea	\$455.00	Avg unit cost used (overweight dumpsters are more)	\$10,010
	19	Hoists				By Trade / Division	\$0
	20	Const. aids and misc. services				N/A	\$0
	21	Temp. enclosures for dust protection & entry				By Demo Sub	\$0
	22	Barricades and warning lights				By Division	\$0
	23	Environmental protection				Division 2	\$0
	24	Exit enclosure for existing exits				Not Included	\$0
	25	Temporary heating, cooling and ventilating				By Trade	\$0
01 51 00 Total						\$127,	
01 54 00	Constructio	on Aids					
	1	Temporary elevators				N/A	\$0
	2	Temporary hoists				N/A	\$0
01 54 00 Total						\$0	*
Division 01 - Ge	aneral Requirem	ents Total				\$161,	263
Division of - Oc	incrai ricquirciii					والاتاب	200
Division 2 -	Existing Con	ditions					
02 41 00	Demolition						
						Not Included	\$0
	Demolition 1					Not Included <b>\$0</b>	\$0
02 41 00	Demolition 1	Building Demolition					\$0
02 41 00 02 41 00 Total	Demolition 1						\$(
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2	Building Demolition BP#1 - Surveying Site Surveying	1.00	sub	\$57,076.00		\$(
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2	Building Demolition BP#1 - Surveying	<u>1.00</u> 1.00	sub Is	\$57,076.00		\$( \$57,076 \$(
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3	Building Demolition BP#1 - Surveying Site Surveying			\$57,076.00	\$0	\$( \$57,076 \$( \$( \$(
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4	Building Demolition BP#1 - Surveying Site Surveying Horizontal & vertical control	1.00	ls	\$57,076.00	\$0 Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Building Demolition BP#1 - Surveying Site Surveying Horizontal & vertical control Building corners	1.00 1.00	ls Is	\$57,076.00	\$0 Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Building Demolition BP#1 - Surveying Site Surveying Horizontal & vertical control Building corners Verify overlot grading Overlot grading	1.00 1.00 1.00	ls Is Is	\$57,076.00	\$0 Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 5 6 7	Building Demolition BP#1 - Surveying Site Surveying Horizontal & vertical control Building corners Verify overlot grading Overlot grading	1.00 1.00 1.00 1.00	ls Is Is Is	\$57,076.00	\$0 Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 4 5 6 7 8	Building Demolition BP#1 - Surveying Site Surveying Horizontal & vertical control Building corners Verify overlot grading Overlot grading Utilities	1.00 1.00 1.00 1.00 1.00	IS IS IS IS IS	\$57,076.00	\$0 Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 4 5 6 7 7 8 9 9	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads	1.00 1.00 1.00 1.00 1.00 1.00	ls ls ls ls ls ls	\$57,076.00	\$0 Included Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,500
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 4 5 6 7 8 9 9 10	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads         Bluetop asphalt paving	1.00 1.00 1.00 1.00 1.00 1.00 1.00	ls ls ls ls ls ls ls ls		\$0 Included Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$0 \$1,500 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$1,5
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 4 5 6 7 8 9 9 10	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads	1.00 1.00 1.00 1.00 1.00 1.00 1.00 3.00	ls ls ls ls ls ls ea		\$0 Included Included Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$0 \$1,500 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$1,5
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 5 6 6 7 7 8 9 9 10 11	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads         Bluetop asphalt paving	1.00           1.00           1.00           1.00           1.00           1.00           1.00           3.00           1.00	Is Is Is Is Is Is Is ea Is		\$0 Included Included Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$0 \$0 \$1,500 \$0 \$0 \$0 \$1,500 \$0 \$1,500 \$0 \$1,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 3 4 5 6 6 7 8 9 9 10 11 11 12 13	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads         Bluetop asphalt paving         Drilled piers	1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	Is Is Is Is Is Is Is ea Is Is Is Is	\$500.00	\$0 Included Included Included Included Included Included Included Included	\$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
02 41 00 02 41 00 Total	Demolition 1 Surveys 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13 14	Building Demolition         BP#1 - Surveying         Site Surveying         Horizontal & vertical control         Building corners         Verify overlot grading         Overlot grading         Utilities         Sidewalks         Curb & gutter         Misc. concrete pads         Bluetop asphalt paving         Drilled piers         Light pole bases	1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	Is           Is	\$500.00	\$0 Included Included Included Included Included Included Included Included	\$0 \$0 \$57,076 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

					Bid Package #1 - GMP		
	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Co
02 21 00	17	Interior wall layout				By Trade	
	18	Misc. staking	1.00	ls	\$1,212.80		\$1,2
	19	Re-stake original layout 20%	1.00	ls		Included	
	20	Certified improvement survey				N/A	
02 21 00 Total						\$61,853	
Division 2 - Exis	sting Conditions	Total				\$61,853	
Division 03 -	- Concrete						
03 11 00	Concrete Fo	•					
	1	FORMWORK				Included	
		Assuming Grade Beams on Drilled Piers (Drilled Piers in I	Div.				
		31)				Included	
		BP#1 - Foundation Walls - Rec Center				Below	
	4	Formwork for foundations	1.00	sub	\$545,000.00		\$545,
	5	Pier Caps - 3'-0"w sq x 3'-0"h	44.00	ea		Included	
	6	Elev Pit Slab - 36"th	100.00	sf		Included	
	7	GB (int) - 12"th x 36"h	580.00	lf		Included	
	8	Elev Pit Walls - 12"th x 5'h	34.00	lf		Included	
	9	GB (ext) - 1-2"th x 7'-4"h (detail 3220)	172.00	lf		Included	
	10	GB (ext) - 1-2"th x 10'-4"h (detail 3220)	46.00	lf		Included	
	11	GB (ext) - 1-2"th x 12'-4"h (detail 3220)	206.00	lf		Included	
	12	GB (ext) - 1-2"th x 17'-4"h (detail 3220)	146.00	lf		Included	
	13	GB (ext) - 1-2"th x 3'-4"h (detail 3221)	206.00	lf		Included	
	14	GB@Pool, 2'-0" x 2'-0"	285.00	lf		Included	
	15	GB@Pool, 3'-0" x 3'-0"	379.00	lf		Included	
	16	Pump Pit - labor and material	1.00	allow	\$45,000.00		\$45,
	17	Surge Tank for Competition Pool - labor and material	1.00	allow	\$25,000.00		\$25,
	18	Surge Tank for Leisure Pool - labor and material				N/A	
	19	Runnout Tank for waterslide - labor and material				w/ Waterslide	
	20	Waterslide Foundations				w/ Waterslide	
	21	A&P's Concrete Foreman	2.00	mths	\$8,833.20		\$17,
		Reinforcing Steel - Material	43.88	tons		Included	
		Reinforcing Steel - labor	43.88	tons		Included	
	24	Unloading, moving rebar	2.00	mths	\$2,500.00		\$5,
		Void Form for GB - material	1.00	ls		Included	
	26	Void Form for GB - labor	1.00	ls		Included	
	27	Concrete Material	680.45	су		Included	
		Additives for concrete	680.45	cy		Included	

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

Bid Package	#1 -	GMI
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					id Package #1 - GMP		
	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
03 11 00	29	Pumping	680.45	су		Included	\$0
	30	Short load/off hour deliveries	680.45	су		Included	\$0
	31	Concrete accessories	680.45	су		Included	\$0
	32	Concrete blankets	2054.00	lf	\$5.00		\$10,270
03 11 00 Tota	al					\$647,936	
03 30 05	Concrete N	laterials					
	1	Sitework - Gray concrete				w/ Site Conc	\$0
	2	Caissons				W/ Caissons	\$0
		Pier caps, footings, column pads, grade beams, columns -					
	3	material				w/ Foundations	\$0
	4	SOV - material				w/ Slabs	\$0 \$0
	5	SOD - material				w/ Slabs	\$0 \$0
	6	Short load/off hour deliveries				w/ Conc	\$0
	7	Fibermesh				w/ Conc	\$0
	8	Additives for concrete flatwork				w/ Conc	\$0
	9	CONCRETE PUMP, fnd & slabs				w/ Conc	\$0
03 30 05 Tota	al					\$0	
Division 03 - C	oncrete Total					\$647,936	
Division 5 -	Steel						
05 12 00	Structural	Steel					
00 12 00		BP#1 GMP - Steel				Below	\$0
	1	Allowance to release steel fabricator for shop drawings &				201011	ψυ
	2	detailing	1.00	allow	\$90,000.00		\$90,000
05 12 00 Tota			1.00	allow	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	\$90,000	φ00,000
00 12 00 1010	41					<b>400,000</b>	
05 90 00	Steel Erect	ion & Coordination					
		Steel Erection				w/ Steel Above	\$0
05 90 00 Tota						\$0	
Division 5 - Ste	eel Total					\$90,000	
Division 6 -	Carpentry						
06 18 00		ated Construction					
	1	Glu-Lam Construction				Not Included	\$0
06 18 00 Tota	al					\$0	

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cos
Division 6 - Carp	entry Total					\$0	)
Division 10 -	Specialities						
10 11 16	Marker Boa						
	1	Markerboards or Display boards				Not Included	q
10 11 16 Total						\$0	
10 12 00	Display Cas						
	1	Display Cases				Not Included	(
10 12 00 Total						\$0	
	<u> </u>						
Division 10 - Spe	cialities Total					\$0	)
Division 13 -							
13 11 00	Swimming						
	1	Swimming Pool/Aquatics	1.00	ls		Below	
		Concrete/Pneumatically applied concrete pool structures	1.00	ls		Included	
		Competitive/Lap Pool - 8 lane, 25 yd pool (60'W x 75'-1"L)	1.00	ls	\$1,120,372.80		\$1,120,3
	4	Parapet gutter at starting & turning ends and rimflow on sides				Not indicated on plans or details.	
	5	Source capture system				N/A	
		Divise based and extended in baseds and to use at down an				la chude d	
	6	Diving board, one meter spring boards and towers at deep en	a 2.00	ea		Included	
	1	Excavation/Backfill of pool structure				Moved to Earthwork	
	0	Competitive Timing System, 8-lane, with numeric scoreboard & touch pads	1.00			Included	
	<u> </u>	•	1.00	ls		Not indicated on plans or scope.	
	-	Starting blocks with anchors	1.00	1-		Included	
		Lane lines, floating with storage reel and cover	1.00	ls Is		Included	
	11	Backstroke pennant flag lines	1.00	ls		Included	
		Recall rope with stanchions and anchors	1.00	ls		Included	
	13	Leisure Pool, 3,100 sqft of water surface area	1.00	ls	\$813,050.00	moludeu	\$813,0
		Skimmer recirculation	1.00	ls	ψ010,000.00	Included	ψ010,0
	16		1.00	15		N/A	
		Excavation/Backfill of pool structure				w/ Earthwork	
		Lap lanes, 3 each	1.00	ls		Included	
		• •					
	19	Water Slide, runnout decel lane - approx. 18'h flume and 126	lf 1.00	ls	\$338,350.00		\$338,3
	20		1.00	ls	. ,	Included	(
		Foundation for slide and tower	1.00	ls	\$20,200.00		\$20,20



Bid I	Package #1	- GMP
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					BIG Package #1 - GIVIP		
	em #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
13 11 00	22		1.00	ls		Included	\$0
	23	1,2	1.00	allow	\$222,200.00		\$222,200
		Pool Cover for Leisure Pool				Not indicated on plans or scope.	\$0
		Current Channel	1.00	ls		Included	\$0
	26	Zero-depth entry	1.00	ls		Included	\$(
	27	Pump Pit in Pool Mech Room				w/ Concrete	\$(
	28	Surge Tank for Leisure Pool - labor and material				Not required for skimmer recirc	\$(
	29	Surge Tank for Lap Pool - labor and material				w/ Concrete	\$(
	30	Exhaust system at surge tank	1.00	ls	\$5,555.00		\$5,55
	31	Access hatch and ladder rungs for conc tanks	1.00	ls	\$2,800.00		\$2,800
	32	Underground and above ground swimming pool piping	1.00	allow	\$354,510.00		\$354,510
	33	FRP hair/lint strainers	1.00	ls		Included	\$(
	34	Recirculation pumps	1.00	ls		Included	\$(
			1.00	ls		Included	\$
	36	UV disinfection system	1.00	ls		Included	\$
	37	Heating: pool boilers	1.00	ls		Included	\$
	38	Chemical controllers	1.00	ls		Included	\$
	39	Chemical feed pumps	1.00	ls		Included	\$
	40	Quartz aggregate plaster finish	1.00	ls		Included	\$
		Tile to include: water line, lane lines, wall targets, depth					
	41	markers	1.00	ls		Included	\$
	42	Deck Equipment	1.00	ls		Included	\$
	43	Swimming Pool Safety Equipment	1.00	ls		Included	\$
	44	Swimming Pool Maintenance Equipment	1.00	ls		Included	\$
	45	ADA pool lift with anchor	1.00	ea		Included	\$
	46	Grab rails and hand rails associated with pool	1.00	ls		Included	\$
	47		800.00	sf	\$6.00		\$4,80
	48		7.00	mths	\$4,156.80		\$29,09
	49	Electrical interlocking of pool equipment				w/ Elec	\$
	50	Commissioning, start-up and owner training	1.00	ls		Included	\$
	51	Permit, Dept of Health	1.00	ls	\$1,500.00		\$1,50
	52	Motor starters, disconnects and VFD's	7.00	ea	\$5,772.15		\$40,40
	53	Water to fill pools, 1 time for testing	318420.00	gal	\$0.03		\$9,55
	54		551.00	lf	\$2.50		\$1,37
	55	Lifeguard chairs				FF&E per WTI's RFI Response	\$
13 11 00 Total		5					2,963,771
ivision 13 - Special Co	onstructi	on Total				¢	2,963,771
IVISION 13 - Special Co	onstructi					\$	2,903,771

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
Divsision 23	- HVAC						
23 00 00	Heating, Ve	ntilating and Air Conditioning					
	1	BP#1 - Pool Dehumidification Units - Rec Center				Below	\$(
	2	PDU-1 & 2 - purchase of equipment only	1.00	ls	\$409,080.64		\$409,08
		Air flow measuring station on exhaust air (237301.2.01	1.00	ls		Included	\$0
		Warranty - 4 yr on drive line and 10 yr on gas fired heat exch	1.00	ls		Parts warranty only	\$0
		Owner training - 1/2 day	1.00	ls		Included	\$(
		Labor to install with HVAC System Below				w/ HVAC	\$(
	7	Hoisting for PDU's				w/ HVAC	\$(
23 00 00 Total						Ş	6409,081
	(AO T-4-1						\$409.081
Divsision 23 - HV	AC TOTAL					2	409,061
31							
31 00 00	Earthwork						
	1	Earthwork	1.00	sub	\$596,836.24		\$596,836
	2	Mobilization	1.00	ls		Included	\$0
	3	1 0 1	44820.00	sf		Included	\$0
		C & G	525.00	lf		Included	\$0
	5	1 0	1.00	ls		Included	\$0
	6	Sidewalk/Concrete pavement	7100.00	sf		Included	\$0
	7	Light Pole bases	1.00	ea		Included	\$0
	8	0 0 1	3.00	ea	\$615.00	City requires registered tree removal company	\$1,845
	9	Remove existing debris	1.00	ls		Included	\$0
	10	Remove existing chainlink fencing	930.00	lf		Included	\$0
	11	Rock Demo				Not Anticipated at this time	\$0
	12	Blasting				Not Anticipated at this time	\$(
	13	Rock removal per ton				Not Anticipated at this time	\$(
	14	Traffic control	3.00	day		Included	\$0
	15	Vermin removal				Not Anticipated at this time	\$0
		Pothole or utility locates for existing utilities needed for other					
	16		1.00	ls	\$5,000.00		\$5,000
	17		300.00	су		Included	\$0
	18	Overlot grading	263.00	су		Included	\$0
	19	Mass Excavation and export of soils	12290.00	су		Included	\$( \$(
	20	Shoring excavation support	3575.00	sf		Included	\$(
	21	Remove and dispose top 3' shoring	140.00	lf		Included	\$0
	22	Moisture treat & compact, 3' depth, under SOG to 95%	1.00	ls		Included	\$C
	23	Moisture treat & compact, 3' depth, under site walls to 95%	1.00	ls		Included	\$0



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#### **Central Denver Recreation Center**

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

					Blu Fackage #1 - GlMF		
	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
31 00 00		Backfill Pool subgrade after caissons				Included	\$0
	25	Place 12" gravel and filter fabric at pool slab	11426.00	sf		Included	\$0
	26		1550.00	су		Included	\$0
	27	Import / backfill with treated onsite material at foundation	2000.00	су		Included	\$0
	28	Temp excavation support ramp	1.00	ea		Included	\$0
	29	Load / export/ dispose pier spoils	1.00	ls		Included	\$0
	30	Building foundation excavation and backfill	1.00	ls		Included	\$0
	31	Site wall excavation and backfill	670.00	lf		Included	\$0
	32	Site seat wall excavation and backfill	70.00	lf		Included	\$0
		Place 10 mil Steggo vapor barrier under SOG sand (1" sand,					
	33	VP, 3" sand)	32041.30	sf	\$0.30	Excluded by Earthwork Sub	\$9,612
	34	Rough grade for asphalt, site concrete, & landscape	96514.00	sf		Included	\$0
	35	Import an place topsoil	1.00	ls		Included	\$0
	36	Haul off concrete spoils	47.00	су	\$47.00		\$2,209
	37	Hand excavation	96.00	hr	\$54.54		\$5,236
	38	Protection of layout and replcm't as needed	1.00	ls	\$1,704.00		\$1,704
31 00 00 Total						Ś	622,442
							- 1
31 25 00	Erosion and	d Sedimentation Controls					
	1	Erosion Control	1.00	sub	\$89,000.00	89000	\$89,000
	2	Vehicle tracking gravel 8" - 20' x 50'	1.00	ls		Included	\$(
		Silt fence around site	1482.00	lf		Included	\$0
	4	Additional silt fence for stockpiles	100.00	lf		Included	\$(
	5	Inlet filters	8.00	ea		Included	\$(
	6	Replacement of inlet filters as needed	9.00	ea	\$285.00		\$2,56
		Protect excavations from run-off	1.00	ls		Included	\$(
	8	Remove sediment deposits after run-off	1.00	ls		Included	\$(
		Install concrete washout pit	1.00	ls		Included	\$(
		- · · · · · · · · · · · · · · · · · · ·	6000.00	sf		Included	\$(
		Maintain erosion control during proj	1.00	ls		Included	\$(
							•
	12	Engineered stormwater management permit (Good for 1 year)	2.00	ea	\$750.00		\$1,500
		Engineered stormwater management engineering	1.00	ls	\$3,500.00		\$3,500
		Refresh vehicle tracking pad during construction	5.00	ea	\$400.00		\$2,000
	15		1.00	ea	\$1,200.00		\$1,200
	10		7.00	mth	\$2,400.00		\$16,800
	17		1.00		Ψ2,100.00	w/ Earthwork	φ10,000 \$(
	18		9.00	day	\$300.00		\$2,700
	10	Winter control/protection	0.00	uay	ψυυυ.υυ	N/A	\$2,700
	20					N/A	\$0
	20	Chow/hosymuu/water removal				IN/A	φι



Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

					Bid Package #1 - GiviP		
	ltem #	Description	Quantity	Unit	t Total Unit	Notes / Comments / Clarifications	Total Cost
		Truck wash-off location (excavate/backfill pit & set precast					
31 25 00	21	grate)				Not Anticipated at this time	\$0
	22					Not Anticipated at this time	\$0
	23	Haybales				Not Anticipated at this time	\$0
		Check dams				Not Anticipated at this time	\$0
31 25 00 Total						\$	119,265
31 41 00	Shoring						
	1	Temporary Shoring	1.00	sub	\$122,527.50		\$122,528
	2	Mobilization	1.00	ls		Included	\$0
		Temporary soil nail wall along Josephine and a portion of					
		Colfax	3850.00	sf		Included	\$0
	4	Temporary soil nail wall along east side of pool	1000.00	sf		Included	\$0
		Engineered drawings	1.00	ls		Included	\$0
	6	Permit	1.00	ls	\$1,500.00		\$1,500
31 41 00 Total						\$	124,028
31 09 13	Dewatering						
	1	Materials Management Plan:	1.00	ls		All scope related to dewatering are an allowance.	\$0
		Project specific pollution insurance coverage	1.00	ls	\$47,000.00	Refer to Scope of Work Allowance for more info.	\$47,000
		Environmental consulting work	1.00	ls		Below	\$0
		Environmental summary / risk review	1.00	ls	\$4,725.00		\$4,725
		Ground water samplings, 2 per well	1.00	ls	\$4,095.00		\$4,095
		Remediation activities discharging to surface water permit	1.00	ls	\$1,825.00	\$5,000 paid by Purchase Order from City	\$1,825
	7	Remediation activities management plan prep and submittal	1.00	ls	\$4,725.00		\$4,725
		Drill and install piezometers for monitoring ground water levels	S				
		during dewatering				Assuming use exist montioring wells	\$0
		Environmental Montitoring Compliance Sampling	1.00	ls		Below	\$0
	10	Weekly discharge water sampling (effluent only)	24.00	ea	\$1,254.75		\$30,114
	11		4.00	ea	\$682.50		\$2,730
		Quarterly discharge water sampling (influent only)	1.00	ea	\$1,044.75		\$1,045
		Data compilation of weekly test reports	24.00	ea	\$204.75		\$4,914
	14	Discharge monitoring report prep & submittal	4.00	ea	\$551.25		\$2,205
		Environmental support as needed	1.00	ls	\$5,250.00		\$5,250
	16	Drilling for future monitoring wells				By City	\$0
		All wells that are in the way of the structure will be					
	17					By City	\$0
	18	Dewatering				Below	\$0
	19		1.00	ls	\$4,929.00		\$4,929
	20	Installation, removal and services	1.00	ls	\$29,462.00		\$29,462
	20		1.00	IS	\$Z9,462.00		

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#### **Central Denver Recreation Center**

Detailed Cost Estimate and Budget Control Document

31 09 13         21         Monthy rental of equipment         6.00         mit         \$25,120.00         \$35,120.00 <th></th> <th></th> <th></th> <th></th> <th>B</th> <th>Bid Package #1 - GMP</th> <th></th> <th></th>					B	Bid Package #1 - GMP		
22         Sales ijens-consumables         1.00         is         \$36, 124.00         \$36, 1		ltem #		Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
Additional cancer & sand to dial with poderial is hortmed life     100     is     51,576.00     51,       23     span of titler materials     1.00     is     51,576.00     51,       24     fact carbon and potentially dispose of as hazardous materials     1.00     is     54,400.00     54,       24     fact carbon and potentially dispose of as hazardous materials     1.00     is     54,400.00     54,       25     Emerg standoy generator to be used if power is out     May be able to wire to site power if available     54,000     58,       26     Stake out     7.00     days     \$1,860.00     51,57       26     Out     7.00     days     \$1,960.00     51,37       27     out     Tama & Tuck, 10     Tama & Tuck, 10     50,000     51,37       26     have and maning for Tama & Tuck, 10     Tama & Tuck, 10     Tama & Tuck, 10     50,000     54,57       28     autorial fibres are materials for every 250 hrs of operation     7.00     exp     530,000     54,57       29     Maintenance material carbon is to have someone monitor it     rows     530,000     54,57       29     Maintenance materials carbon of the evekend monitor it materials provided by Environmental Consultant to decarbon gain.     53,50     54,50       20     metharistal by Environmental Con	31 09 13	21	Monthly rental of equipment	6.00	mth	\$26,120.00		\$156,720
1         23         span of filter materials         100         is         \$1,576.00         \$1,           1         Test carbon and potentially dispose of a sharadous materials         100         is         \$1,676.00         \$4,           24         (allow 2.200 bs)         10.0         is         \$4,400.00         \$4,           25         Emerg standby generator to be used if power is out         May be able to wire to site power if available         \$4,           26         Stake out         7.00         days         \$1,260.00         \$8,           27         out         7.00         days         \$1,960.00         \$13,           Nightime manning for 1 ma & truck, 14         7.00         days         \$1,960.00         \$13,           10         htridda for 25 weeks - 2 days per week (8 hours on site & 2         hours dive firety - interino is to have some momitor it over minitorino to have searce monitor it over day during the week and on of the weekand maining for 1 ma & truck, 10         its         \$300.00         its         \$45,5           28         sare allifters are maintained splatory of operation 17.00         ea         \$300.00         its         \$24,00           29         Maintenance iffers out of the dewetering sub.         file         \$45,5         \$45,5         \$45,5         \$45,5 <t< td=""><td></td><td>22</td><td></td><td>1.00</td><td>ls</td><td>\$36,124.00</td><td></td><td>\$36,124</td></t<>		22		1.00	ls	\$36,124.00		\$36,124
24     Test carbon and potentially dispose of as hazardous materials     1.00     is     \$4,400.00     \$4,400.00       25     Energi standby generator to be used if power is out     1.00     is     \$4,400.00     \$4,400.00       26     Daylime manning for Tman & Ruck, 14 hours, first 7 day     1.00     49/s     \$1,260.00     \$8,       26     Stake out     7.00     days     \$1,260.00     \$8,       27     out     7.00     days     \$1,960.00     \$1,960.00       27     out     7.00     days     \$1,960.00     \$1,960.00       28     Nightime manning & weekend marning for Tman & Ruck, 10     hsuss on site & 2     hours of the \$1,960.00     \$13,960.00       100     Institution of the power 200 hrs of operation & to make     \$1,960.00     frag     \$13,900.00       28     sure all filters are maintained regularly     500.00     frag     \$380.00     \$6,       29     Mainenance time & fragerission & fragerission & to make     \$2,000     fragerission & \$10,000     \$6,       20     mainenance time & fragerission & fragerission & to make     \$2,000     fragerission & \$2,000     \$6,       20     mainenance time & fragerission & fragerission & fragerission & \$10,000     is     \$2,200.00     \$6,       30     month perici al 1, \$2,8100     fragerission			Additional carbon & sand to deal with potential shortened life					
24     (allow 2.20 bis)     1.00     is     \$4,400.00     \$4,       25     Energ standby generator to be used if power is out     May be able to wire to site power if available     26       26     stake out     7.00     days     \$1,260.00     \$8,       27     out     7.00     days     \$1,260.00     \$8,       27     out     7.00     days     \$1,260.00     \$8,       28     stake out     7.00     days     \$1,260.00     \$8,       29     out     7.00     days     \$1,960.00     \$1,30       Nightime manning for 1 man & truck, 14 hours, first 7 day     7.00     days     \$1,960.00     \$1,30       Nightime manning 2 meek kelond manning for 1 man & truck, 10     hurst for any 5,000     \$1,30     \$1,30       Nightime manning for day during the week and one of the seleto the site power if available     \$6,       29     Maintenance time & materials for vary 20 thrs of operation 17.00     ea     \$3250.00     \$6,       20     Chemical nection with sodum hypochhoite (materials provided by Environmental Consultant to the dewatering sub.     \$1,00     \$2		23	span of filter materials	1.00	ls	\$1,576.00		\$1,576
25     Emerg standby generator to be used if power is out     May be able to wire to site power if available       Daytime manning for 1 man & truck, 14 hours, first 7 day shake     7.00     days     \$1,280.00     \$8,       20     stake out     7.00     days     \$1,280.00     \$8,       21     Out     7.00     days     \$1,280.00     \$1,300.00       22     Out     7.00     days     \$1,960.00     \$1,300.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       1     Instruct, 14 hours first 7 day shake     7.00     days     \$1,960.00       28     sure all filters are maintained for sure of operation 8 to make     7.00     state       29     Maintenance time an Antainafs for rewry 250 hor of operation 17.00     ea     \$280.00     \$455.       29     Ontin beided 11,			Test carbon and potentially dispose of as hazardous materials	6				
Daytime manning for 1 man & truck, 14 hours, first 7 day         7.00         days         \$1,260.00         \$8,           27         Out         7.00         days         \$1,260.00         \$1,260.00         \$1,300.00           27         Out         7.00         days         \$1,260.00         \$1,300.00         \$1,300.00           Nightime manning 6 weekend manning for 1 man & truck, 10         Truck, 10         truck, 10         truck, 10         \$1,300.00         \$1,300.00           1         Inside y for 25 weeks - 2 days per week (8 hours on site & 2         hours of weekend         truck, 10         tr		24	(allow 2,200 lbs)	1.00	ls	\$4,400.00		\$4,400
26     shake out     7.00     days     \$1,260.00     \$8,       Nightime manning, 2 men & truck, 14 hours first 7 day shake     7.00     days     \$1,960.00     \$13,       Vightime manning & weekend manning for 1 man & truck, 10     truck and 0 days     \$1,960.00     \$13,       Nightime manning & weekend manning for 1 man & truck, 10     truck and one of the weekend     status     \$13,       Instrictary for 25 weeks - 2 days per week (8 hours on is & 2     hours drive time) - intention is to have someone monitor it     overright one day during the week and one of the weekend     status       Ingits to have intermittment inspections of operation & to make     \$90.00     trus     \$90.00     \$45,       28     are all filters are maintained regularly     \$00.00     trus     \$90.00     \$45,       28     Waintenance time & materials for every 250 hrs of operation     17.00     ea     \$36,00.0     \$6,       30     month period at 15, galons per hou?     222.00     gal     \$3.25     May be able to wire to site power if available     \$       29     Chemical injection with soduler hytochrotine (materials     36,00     \$\$     \$22.00     \$\$       31     injection to take place during scheduler, waste fluids,     36,50     yards     \$22.00     \$\$       31     underseal electrical consumption for exposed dewatering sub.     1.00 <td></td> <td>25</td> <td>Emerg standby generator to be used if power is out</td> <td></td> <td></td> <td></td> <td>May be able to wire to site power if available</td> <td>\$0</td>		25	Emerg standby generator to be used if power is out				May be able to wire to site power if available	\$0
Nightime manning, 2 men. & truck, 14 hours first 7 day shake     7.00     days     \$1,960.00     \$13,       Nightime manning & weekend manning for 1 man & truck, 10     histiday for 25 weeks - 2 days per week (8 hours on site & 2     hours drive time)     \$14,000     \$13,000       Nightime manning & men. & truck, 10     histiday for 25 weeks - 2 days per week (8 hours on site & 2     hours drive time)     \$45,000     \$13,000       Notes of the vacuum of the weekend     nights to have intermittment inspections of operation & to make     \$90,00     \$45,000     \$45,000       28     sure all filters are maintained regularly     \$00,00     hrs     \$90,00     \$45,000       29     Maintenance time & materials for every 250 hrs of operation     \$00,00     hrs     \$90,00     \$45,000       30     month period at 1.5 galons per hour)     \$25,00     gal     \$3,325     May be able to wire to site power if available     \$       31     injection with sodium hypochiotine (materials provided by City     \$     \$     \$     \$       32     cuttings     38,50     yards     \$20,000     \$     \$       33     Excavator to deal with residual perched water in allay layers     1.00     is     \$20,000     \$       33     Excavator to deal with residual perched water in allay layers     1.00     is     \$20,000     \$ <t< td=""><td></td><td></td><td>Daytime manning for 1 man &amp; truck, 14 hours, first 7 day</td><td></td><td></td><td></td><td></td><td></td></t<>			Daytime manning for 1 man & truck, 14 hours, first 7 day					
27     out     7.00     days     \$1,960.00     \$13,       Nightime maning & weekend manning for 1 man & truck, 10     hirsiday for 25 weeks - 2 days per week (8 hours on site & 2     hours drive time) - intention is to have someone monitor it     overnight cone day during the weekend     nights to have intermittment inspections of operation     8 to make       28     sure all filters are maintained regularly     500.00     hrs     \$90.00     \$45,       29     Maintenance time & materials for 5 operation     7.00     ea     \$360.00     \$45,       20     Maintenance time & materials for every 250 hrs of operation     7.00     ea     \$360.00     \$66,       30     month period at 1.5 gallons per hour)     252.00     gal     \$3.25     May be able to wire to site power if available     \$       31     Injection to take pleace during schedured visits per above)     1.00     is     \$220.00     \$     \$       32     cuttings     88.50     yards     \$20.00     \$     \$       33     Excavator to deal with residual perched water, waste fluids, to     \$     \$     \$       34     Lipection take barder schearber     \$     \$     \$       33     Excavator to deal with residual perched water in clay layers     1.00     is     \$     \$       34     Surveying to locate components		26	shake out	7.00	days	\$1,260.00		\$8,820
Nightime manning & weekend manning for T man & truck, 10         his/day for 25 week (8 hours on site & 2         hours drive time) - intention is to have someone monitor it         overnight one day during the week and one of the weekend         nights to have intermittment inspections of operation & to make         28 sure all filters are maintained regularly       500.00       trvs       \$300.00       \$45         29       Maintenance time & materials for every 250 hrs of operation       17.00       ea       \$360.00       \$66         Fuel consumption on generators (assumed 168 hrs out of the 6       0       60       66       60       66         30       month period at 1.5 galons per hour)       252.00       gal       \$3.25       May be able to wire to site power if available       \$         31       Injection with sodium hypochionite (materials provided by Evinomental Consultant to the dewatering sub.       1			Nighttime manning, 2 men & truck, 14 hours first 7 day shake					
hrsiday for 25 weeks - 2 days per week (8 hours on site & 2 hours drive time) - intention is to have someone monitor it overnight one day during the week and one of the weekend nights to have intermittment inspections of operation & to make 28 sure all filters are maintained regularly 500.00 hrs \$90.00 km s \$90.00 Set 29 Maintenance time & materialis for every 250 hrs of operation 17.00 ex \$350.00 Set 50 month period at 15 galons per hour) 252.00 gal \$3.25 May be able to wire to site power if available \$ chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub. Treatment and disposal of bore hole flush water, waste fluids, 20 cuttings 38.50 yards \$20.00 Service must be provided by City \$ Treatment and disposal of bore hole flush water, waste fluids, 20 cuttings 38.50 yards \$20.00 Service must be provided by City \$ 31 (highed to take place during stochould avisite near bow) 1.00 is \$22.00 00 Service must be provided by City \$ 32 cuttings 38.50 yards \$20.00 Service must be provided by City \$ 33 Excavator to deal with residual perched water in clay layers 1.00 is \$1,200.00 Service must be provided by City \$ 34 Surveying to locate components of system 1.00 is \$1,200.00 Service must be provided by City \$ 35 lines 1.00 is \$1,200.00 Service 1.00 Set \$ 36 lines 1.00 is \$1,200.00 Service 3.00 Service 3.00 Service 3.000 Service 3		27		7.00	days	\$1,960.00		\$13,720
hours drive time) - intention is to have someone monitor it overnight one day during the week and one of the weekend inghts to have intermittment integrations to make 28 sure all filters are maintained regularly 500.00 hrs \$90.00 ea \$360.00 \$6, 29 Maintenance time & materials for every 250 hrs of operation 17.00 ea \$360.00 \$6, 20 Fuel consumption on generations (assumed 158 hrs out of the 6 30 month period at 1.5 gallons per hour) 252.00 gail \$3.25 May be able to wire to site power if available 5 Chemical injection consultant to the dewatering sub. 31 Injection to take place during scheduled visits per above) 1.00 is \$250.00 Service must be provided by City \$ 32 cuttings and disposal of fore hole flush water, waste fluids, 33 Excentration to deal with residual perched water in clay layers 1.00 is \$2,000.00 \$ 33 Excentor to deal with residual perched water in clay layers 1.00 is \$2,000.00 \$ 34 Surveying to locate components of system 1.00 is \$1,200.00 \$ 35 lines 1.00 is \$3,000.00 \$ 36,10 is \$3,000.00 \$ 37. Absets Awareness Training for Supt. PM, & PE 1.00 is \$3,000.00 \$ 31. Contingency on Environmental Conset 1.00 is \$3,000.00 \$ 31. Contingency on Environmental Work & Dewatering Process- 38 10% 0.10 % \$425,037.75 \$ 427. 31 63.29 Drilled Concrete Piers 1 BP#1 - Rec Center Bies			Nightime manning & weekend manning for 1 man & truck, 10					
overnight one day during the week and one of the weekend       nights to have intermittment inspections of operation & to make         28       sure all filters are maintained regularly       500.00       hrs       \$90.00       \$45.         29       Maintenance time & materials for every 250 hrs of operation       17.00       ea       \$360.00       \$6.         30       month period at 1.5 gallons per hour)       252.00       gal       \$3.25       May be able to wire to site power if available       \$         31       injection with sodium hypochiorite (materials provided by Environmental Consultant to the dewatering sub.       36.50       yards       \$250.00       Service must be provided by City       \$         32       cuttings       36.50       yards       \$20.00       \$       \$         33       Excavator to deal with residual perched water in clay layers       1.00       is       \$2.000.00       \$       \$         34       Surveying to locate components of system       1.00       is       \$2.000.00       \$       \$         35       Incel devide al with residual perched water in clay layers       1.00       is       \$1.200.00       \$       \$         36       lines       1.00       is       \$3.000.00       \$       \$       \$         36 <td< td=""><td></td><td></td><td>hrs/day for 25 weeks - 2 days per week (8 hours on site &amp; 2</td><td></td><td></td><td></td><td></td><td></td></td<>			hrs/day for 25 weeks - 2 days per week (8 hours on site & 2					
nights to have intermittment inspections of operation & to make 28 sure all filters are maintained regularly 29 Maintenance time & Matefinia for every 250 hrs of operation 29 Maintenance time & Matefinia for every 250 hrs of operation 29 Maintenance time & Matefinia for every 250 hrs of operation 20 month period at 1.5 gallons per hour) 252.00 gal 30 month period at 1.5 gallons per hour) 252.00 gal 31 higection to take place during scheduled visits per above) 31 higection to take place during scheduled visits per above) 31 higection to take place during scheduled visits per above) 32 cuttings 33 Excavator to deal with residual perched water in clay layers 33 Excavator to deal with residual perched water in clay layers 34 Surveying to locate components of system 35 lines 36 120 volt service & tank heaters 38 10% 0,10 % \$425,037.75 \$442, 31 G329 Drilled Concrete Piers 1 BP#1 - Rec Center			hours drive time) - intention is to have someone monitor it					
28     sure all filters are maintained regularly     500.00     hrs     \$90.00     \$45,       29     Maintenance time & materials for every 250 hrs of operation     17.00     ea     \$300.00     \$6,       Fuel consumption on generators (assumed 168 hrs out of the 6       \$6,       30     month period at 1.5 gallons per hour)     252.00     gal     \$3.25     May be able to wire to site power if available     \$       Chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub.     100     ts     \$250.00     Service must be provided by City     \$       31     Injection to take place during scheduled visits per above)     1.00     ts     \$20.00     \$2,       32     cuttings     38.50     yards     \$20.00     \$2,       33     Exceavator to deal with residual perched water in clay layers     1.00     ts     \$2,00.00     \$2,       34     Surveying to locate components of system     1.00     ts     \$3,000.00     \$3,       35     lines     1.00     ts     \$3,000.00     \$3,       35     lines     0.01     ts     \$3,000.00     \$3,       36     120 voit service & tank heaters     1.00     ts     \$1,00.00     \$1,00       31     040     ts <t< td=""><td></td><td></td><td>overnight one day during the week and one of the weekend</td><td></td><td></td><td></td><td></td><td></td></t<>			overnight one day during the week and one of the weekend					
29       Maintenance time & materials for every 250 hrs of operation       17.00       ea       \$360.00       \$6         Fuel consumption on generators (assumed 168 hrs out of the 6         30       month period at 1.5 gallons per hour)       252.00       gal       \$3.25       May be able to wire to site power if available       \$         Chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub.       100       ts       \$250.00       Service must be provided by City       \$         31       Injection to take place during scheduled visits per above)       1.00       ts       \$250.00       Service must be provided by City       \$         32       cuttings       38.50       yards       \$20.00       \$       \$         33       Excavator to deal with residual perched water in clay layers       1.00       ts       \$1,200.00       \$       \$         34       Surveying to locate components of system       1.00       ts       \$1,200.00       \$       \$         35       lines       1.00       ts       \$1,200.00       \$       \$       \$         34       Surveying to locate components of system       1.00       ts       \$1,200.00       \$       \$       \$       \$         35       l			nights to have intermittment inspections of operation & to mak	e				
Fuel consumption on generators (assumed 168 hrs out of the 6         30       month period at 1.5 gallons per hour)       252.00       gal       \$3.25       May be able to wire to site power if available       \$         Chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub.       1       1       injection to take place during scheduled visits per above)       1.00       is       \$250.00       Service must be provided by City       \$         31       Injection to take place during scheduled visits per above)       1.00       is       \$250.00       Service must be provided by City       \$         32       cuttings       38.50       yards       \$20.00       \$       \$         33       Excavator to deal with residual perched water, waste fluids,       32.200.00       \$       \$         34       Surveying to locate components of system       1.00       is       \$       <		28	sure all filters are maintained regularly	500.00	hrs	\$90.00		\$45,000
30     month period at 1.5 gallons per hour)     252.00     gal     \$32.5     May be able to wire to site power if available     \$       Chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub.     Injection to take place during scheduled wists per above)     1.00     is     \$250.00     Service must be provided by City     \$       31     Injection to take place during scheduled wists per above)     1.00     is     \$250.00     Service must be provided by City     \$       32     cuttings     38.50     yards     \$20.00     \$     \$       33     Excavator to deal with residual perched water in clay layers     1.00     is     \$20.00.00     \$       34     Surveying to locate components of system     1.00     is     \$1,200.00     \$     \$       43     Surveying to locate consumption for exposed dewatering     1.00     is     \$1,200.00     \$     \$       435     lines     1.00     is     \$1,200.00     \$     \$     \$       44     trace & electrical consumption for exposed dewatering     1.00     is     \$     \$     \$       45     120 volt service & tank heaters     1.00     is     \$     \$     \$     \$       46     20     0.10     \$     \$     \$     <		29	Maintenance time & materials for every 250 hrs of operation	17.00	ea	\$360.00		\$6,120
Chemical injection with sodium hypochlorite (materials provided by Environmental Consultant to the dewatering sub.       31       Injection to take place during scheduled visits per above)       1.00       Is       \$250.00       Service must be provided by City       \$         32       cuttings       38.50       yards       \$20.00       \$         33       Excavator to deal with residual perched water in clay layers       1.00       Is       \$2,000.00       \$         34       Surveying to locate components of system       1.00       Is       \$1,200.00       \$1,         Heat trace & electrical consumption for exposed dewatering       1.00       Is       \$1,200.00       \$1,         Heat trace & electrical consumption for exposed dewatering       1.00       Is       \$3,000.00       \$3,         35       lines       1.00       Is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       Is       \$1,00       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       Is       \$1,00       \$4,00       \$1,         Contingency on Environmental Work & Dewatering Process-       38       1.00       Is       \$1,00       \$42,037.75       \$42,         31 09 13 Total       1       Drilled Concrete P			Fuel consumption on generators (assumed 168 hrs out of the	6				
provided by Environmental Consultant to the dewatering sub.         31       Injection to take place during scheduled visits per above)       1.00       is       \$250.00       Service must be provided by City       \$         32       cuttings       38.50       yards       \$20.00       \$       \$         33       Excavator to deal with residual perched water in clay layers       1.00       is       \$2,000.00       \$       \$         34       Surveying to locate components of system       1.00       is       \$1,200.00       \$       \$         43       Surveying to locate components of system       1.00       is       \$1,200.00       \$       \$         43       Surveying to locate components of system       1.00       is       \$1,200.00       \$       \$         43       Surveying to locate components of system       1.00       is       \$1,200.00       \$       \$         43       Inexe & electrical consumption for exposed dewatering       1.00       is       \$1,000.00       \$       \$       \$         35       lines       1.00       is       \$1,000.00       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$		30	month period at 1.5 gallons per hour)	252.00	gal	\$3.25	May be able to wire to site power if available	\$819
31       Injection to take place during scheduled visits per above)       1.00       is       \$250.00       Service must be provided by City       \$         32       cuttings       38.50       yards       \$20.00       \$         33       Excavator to deal with residual perched water in clay layers       1.00       is       \$20.00       \$         34       Surveying to locate components of system       1.00       is       \$20.00       \$         43       Surveying to locate components of system       1.00       is       \$20.00       \$         43       Surveying to locate components of system       1.00       is       \$1.200.00       \$         44       Heat trace & electrical consumption for exposed dewatering			Chemical injection with sodium hypochlorite (materials					
Treatment and disposal of bore hole flush water, waste fluids,         32       cuttings       38.50       yards       \$20.00       \$         33       Excavator to deal with residual perched water in clay layers       1.00       is       \$20.00.00       \$2,         34       Surveying to locate components of system       1.00       is       \$1,200.00       \$2,         34       Surveying to locate components of system       1.00       is       \$1,200.00       \$1,         Heat trace & electrical consumption for exposed dewatering			provided by Environmental Consultant to the dewatering sub.					
32       cuttings       38.50       yards       \$20.00       \$         33       Excavator to deal with residual perched water in clay layers       1.00       is       \$2,000.00       \$2,         34       Surveying to locate components of system       1.00       is       \$1,200.00       \$1,         Heat trace & electrical consumption for exposed dewatering       1.00       is       \$1,200.00       \$1,         35       lines       1.00       is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       is       \$1,000       \$3,000.00       \$3,000.00       \$3,000.00         37       Asbestos Awareness Training for Supt, PM, & PE       1.00       is       \$1,000		31	Injection to take place during scheduled visits per above)	1.00	ls	\$250.00	Service must be provided by City	\$250
33       Excavator to deal with residual perched water in clay layers       1.00       is       \$2,000.00       \$2,         34       Surveying to locate components of system       1.00       is       \$1,200.00       \$1,         Heat trace & electrical consumption for exposed dewatering       35       lines       1.00       is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       is       Included         37       Asbestos Awareness Training for Supt, PM, & PE       1.00       is       \$1,500.00       \$1,         Contingency on Environmental Work & Dewatering Process-       38       10%       0.10       %       \$425,037.75       \$42,         31 63 29       Drilled Concrete Piers       1       BP#1 - Rec Center       Below       Below			Treatment and disposal of bore hole flush water, waste fluids,					
34         Surveying to locate components of system         1.00         is         \$1,200.00         \$1,           Heat trace & electrical consumption for exposed dewatering         35         lines         1.00         is         \$3,000.00         \$3,           35         lines         1.00         is         \$3,000.00         \$3,           36         120 volt service & tank heaters         1.00         is         Included           37         Asbestos Awareness Training for Supt, PM, & PE         1.00         is         \$1,500.00         \$1,           Contingency on Environmental Work & Dewatering Process- 38         0.10         %         \$425,037.75         \$42,           31 63 29         Drilled Concrete Piers           State Second         State Second           1         BP#1 - Rec Center         Below          Below		32	cuttings	38.50	yards	\$20.00		\$770
Heat trace & electrical consumption for exposed dewatering         35       lines       1.00       is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       is       Included       \$1,000		33	Excavator to deal with residual perched water in clay layers	1.00	ls	\$2,000.00		\$2,000
35       lines       1.00       is       \$3,000.00       \$3,         36       120 volt service & tank heaters       1.00       is       Included         37       Asbestos Awareness Training for Supt, PM, & PE       1.00       is       \$1,500.00       \$1,         Contingency on Environmental Work & Dewatering Process-       38       10%       0.10       %       \$425,037.75       \$42,         31 09 13 Total       \$467,542         Selow         1       BP#1 - Rec Center       Below		34	Surveying to locate components of system	1.00	ls	\$1,200.00		\$1,200
36       120 volt service & tank heaters       1.00       Is       Included         37       Asbestos Awareness Training for Supt, PM, & PE       1.00       Is       \$1,500.00       \$1,         Contingency on Environmental Work & Dewatering Process- 38       0%       0.10       %       \$425,037.75       \$422,037.75         31 09 13 Total       \$467,542       \$467,542         Image: Second Secon			Heat trace & electrical consumption for exposed dewatering					
37       Asbestos Awareness Training for Supt, PM, & PE       1.00       is       \$1,500.00       \$1,         Contingency on Environmental Work & Dewatering Process-       38       10%       0.10       %       \$425,037.75       \$42,         31 09 13 Total       \$467,542         1       BP#1 - Rec Center         1       BP#1 - Rec Center       Below		35	lines	1.00	ls	\$3,000.00		\$3,000
Contingency on Environmental Work & Dewatering Process- 38         10%         0.10         %         \$425,037.75         \$42, 31 09 13 Total         \$467,542           31 63 29         Drilled Concrete Piers           1         BP#1 - Rec Center         Below		36	120 volt service & tank heaters	1.00	ls		Included	\$(
Contingency on Environmental Work & Dewatering Process- 38         10%         0.10         % \$425,037.75         \$427,037.75           31 09 13 Total         \$467,542           31 63 29         Drilled Concrete Piers           1         BP#1 - Rec Center         Below		37	Asbestos Awareness Training for Supt, PM, & PE	1.00	ls	\$1,500.00		\$1,500
31 09 13 Total         \$467,542           31 63 29         Drilled Concrete Piers           1         BP#1 - Rec Center			Contingency on Environmental Work & Dewatering Process-					
31 63 29     Drilled Concrete Piers       1     BP#1 - Rec Center   Below		38	10%	0.10	%	\$425,037.75		\$42,504
1 BP#1 - Rec Center Below	31 09 13 Total						\$467,542	
1 BP#1 - Rec Center Below								
	31 63 29	Drilled Con	crete Piers					
		1					Below	\$0
2 Unlied Piers for Recreation Center & Pools 1.00 Is \$515,000.00 \$515,		2	Drilled Piers for Recreation Center & Pools	1.00	ls	\$515,000.00		\$515,000
3 Mobilization 1.00 Is Included		3	Mobilization	1.00	ls		Included	\$0
4 P1 - 18" dia @ Rec Center Foundation 30.00 ea Included		4	P1 - 18" dia @ Rec Center Foundation	30.00	ea		Included	\$0 \$0

\$1,878,371

### **Central Denver Recreation Center**

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

					Bid Package #1 - GMP		
Item #		Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cos
31 63 29	5	P1 - 18" dia @ Pools	129.00	ea		Included	\$(
	6	P2 - 24" dia	31.00	ea		Included	\$0
	7	P3 - 48" dia	12.00	ea		Included	\$0
	8	Drilling through overburden for piers at lap pool deep end	360.00	lf	\$9.00		\$3,240
	9	Drill & epoxy dowels for piers drilled through overburden	160.00	ea	\$70.00		\$11,200
	10	Piers to support pool deck on PL110				See Add Alternates	\$0
	11	Casing for drilled piers				See Add Alternates	\$0
	12	Hole protection	202.00	ea	\$25.25		\$5,101
	13	Hoist rebar cages in hole	202.00	ea		Included	\$0
	14	Sonotube @ top of pier 24" - material	606.00	lf	\$3.75		\$2,273
	15	Arcvoid for piers	202.00	ea	\$29.00		\$5,858
	16	Install arcvoid for piers	202.00	ea	\$12.00		\$2,424
	17	Labor to pour caissons	1.00	ls		Included	\$C
	18	Move spoils to central stockpile	794.40	су		Included	\$C
	19	Rebar material	92.17	tns		Included	\$C
	20	Install rebar	92.17	tns		Included	\$C
	21	Concrete Material	794.40	су		Included	\$0
	22	Concrete pump	25.25	days		Included	\$0
	23	Concrete accessories	202.00	ea		Included	\$0
31 63 29 Total						\$:	545,095

31 Total

33						
33 10 00	Water Utilities					
	1 Water Utilities	1.00	sub	\$347,858.77		\$347,859
	2 Pothole and utility locate for water service connections	1.00	ls		Included	\$0
	3 8" PVC water line	323.00	lf		Included	\$0
	4 8" fittings	3.00	ea		Included	\$0
	5 8" Gate valve	1.00	ea		Included	\$0
	6 Fire Hydrant complete with 8" Tee	1.00	ea		Included	\$0
	7 Fire Hydrant complete with 12" Tee	2.00	ea		Included	\$0
	8 12"x8" cut in tee	1.00	ea		Included	\$0
	9 Cut in 12" gate valve	2.00	ea		Included	\$0
	10 1" irrigation stub	78.00	lf		Included	\$0
	11 1.5" waterline	41.00	lf		Included	\$0
	12 3" domestic water service (with meter)	1.00	ls		Included	\$0
	13 4" fireline	38.00	lf		Included	\$0
	14 6" Fireline to first flange inside building	102.00	lf		Included	\$0

Detailed Cost Estimate and Budget Control Document Bid Package #1 - GMP

				Bid Package #1 - GMP		
	Item # Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
33 10 00	15 Cut and cap existing domestic services at main	2.00	ea		Included	\$0
	16 Cut and cap existing fireline at main	1.00	ea		Included	\$0
	17 Remove existing main	25.00	lf		Included	\$0
	18 Flow fill	520.00	су		Included	\$0
	19 Export trench spoils				Included	\$0
	20 Chlorine & pressure test				Included	\$0 \$0 \$0 \$0
	21 Asphalt Utility patching	1.00	ls		Included	\$0
	22 Concrete utility patching	1.00	ls		Included	\$0
	23 Barricades/traffic control	15.00	days		Included	\$0
33 10 00 Tota					\$347,859	)
33 30 00	Sanitary Sewerage Utilities					
00 00 00	1 Sanitary Sewer Utilities	1.00	sub	\$42,924.35		\$42,924
	2 Pothole and utility locate for sanitary sewer service	1.00	ls	ψ12,021.00	Included	\$0
	3 4" SDR 35	21.00	lf			\$0
	4 8" SDR 35	90.00	lf			\$0
	5 4" Cleanouts	1.00	ea		Included	\$0
	6 8" connect to existing main	1.00	ea		Included	\$0
	7 Flow fill	1.00	ls		Included	\$0 \$0 \$0
	8 48" dia manhole	1.00	ea		Included	\$0
	9 Remove and replce curb and gutter	40.00	lf		Included	\$0
	10 Remove and replace pavement	150.00	sf		Included	\$0
	11 Export trench spoils	1.00	ls		Included	\$0 \$0
	12 Barricades/traffic control	4.00	day		Included	\$0
33 30 00 Tota					\$42,924	· · ·
22.40.00	Otame Designer Hillitig					
33 40 00	Storm Drainage Utilities	1.00	b	\$374,766.42		\$374,766
	2 Mobilization	1.00	sub	\$3/4,700.42	Included	
	3 12" CL III RCP	47.00	ea		Included	\$0 \$0
	4 15" CL III RCP	176.00	If		Included	\$0
	5 18" CL III RCP	230.00	If		Included	\$0 \$0
	6 8" SDR-35 Storm sewer with fittings	230.00	If		Included	¢۱
	7 6" SDR-35 Storm sewer with fittings	489.00	If		Included	\$0 \$0
	8 6" landscape drain	489.00	lf		Included	\$0 \$0
	9 48" dia manhole	1.00			Included	\$0
	10 60" dia manhole	3.00	ea		Included	  ሮበ
	11 Type R 5' inlet	1.00	ea		Included	ψυ ¢∩
	12 Type C inlet w/ grate	3.00			Included	\$0 \$0 \$0 \$0
	12 Type O milet wir glate	3.00	ea		แบนนุธน	



Bid	Package	#1 -	GMP

-					Diu Fackaye #1 - Givir		
	ltem #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
33 40 00	13	15" Nyloplast inlet	1.00	ea		Included	\$0
	14	12" Nyloplast inlet	4.00	ea		Included	\$0
	15	Tie into existing structure	1.00	ea		Included	\$0
	16	Remove existing inlet	1.00	ea		Included	\$0
	17	Underground Stormtech SC-740 detention system	1.00	ls		Included	\$0
	18	4" slotted rain garden underdrain pipe	320.00	lf		Included	\$0 \$0 \$0 \$0 \$0
	19	30 mil pvc geomembrane liner and filter media	5981.00	sf		Included	\$0
	20	Export trench spoils	1.00	ls		Included	\$0
	21	Inlet protection	9.00	ea	\$285.00		\$2,565
	22	Locate existing utilities	1.00	ls		Included	\$0
	23	Flowfill	1.00	ls		Included	\$0
	24	Concrete utility patching	150.00	sf		Included	\$0
	25	Barricades/traffic control	5.00	day		Included	\$0
33 40 00 Total						\$377,3	31
33 46 00	Subdrainag	le					
	1	Building perimeter drainage system	1.00	sub	\$24,664.50		\$24,665
	2	- 4" pipe filter fabric and gravel				Included	\$0
	3	Building under drainage system				Not Included	\$0
33 46 00 Total						\$24,66	5
33 Total						\$792,7	79
Grand Tot	tal						\$7,281,617

## Dewatering & Environmental Assumptions, Qualifications & Clarifications for GMP dated June 4<sup>th</sup>, 2015

### Central Denver Recreation Center – A&P Job #6992

1. This GMP proposal assumes that no ACM (Asbestos Containing Materials) are present on the site regardless of the reference in the MMP (Materials Management Plan) indicating the potential of ACM in the area generally identified as the Dog Park. Any ACM remediation or removal is excluded from the GMP. Any ACM encountered would be considered a differing site condition under the terms of the contract and procedures followed would be in compliance with the MMP Responsibility Matrix and notice provisions in the contract.

2. The GMP does not include any costs for hazardous waste removal or remediation, or any demobilization or remobilization associated with hazardous waste discovery, if any is required.

3. A&P has directed our proposed Environmental firm, ERM, and our proposed dewatering firm, Rain for Rent, to assume a flow rate of 20 GPM based on information provided by the City's Groundwater Geologist firm (Kumar & Associates), and which is consistent with ERM's experience in the area. The GMP, the permit applications, and the dewatering system have been designed around this flow rate, which could accommodate no more than 2 influent events of up to 50 GPM continuing for no more than 6 hours without requiring a significant redesign of the dewatering system and an increase in the GMP.

4. A&P has included a project specific pollution liability policy in the GMP which will cover the entire project including A&P and the Subcontractors. The GMP includes \$47,000 for this policy. Should no claims arise during the construction period, warranty period or Statute of Limitations, any deductible cost not consumed due to claims associated with the pollution coverage can be refunded to the City.

5. A&P has assumed that the dewatering permit can be secured within 6 weeks of submittal of the Application which will be submitted within 2 weeks of the Notice to Proceed issued by the City for the first Phase of work. A&P will use the services of ERM for filling out the application and assisting with securing this State permit with the CDPHE.

6. A&P has assumed that the dewatering system will need to be in operation 24 hours per day, 7 days per week, from mid-November of 2015 through mid-May of 2016. This is based on the need to have it in operation for approximately 2 weeks to tune the filtering/treatment process before full excavation can commence below the water table. The system has been assumed to be in place after this tuning process from the time the excavation commences for the pool surge tank and pool pump pit being constructed by the foundation contractor until the lap pool underground piping is installed, mat slab is poured, pool walls are poured and the walls are backfilled above the water table by the aquatics subcontractor.

7. A&P has assumed the water table will not vary materially from the approximate 15' depth from the south end grade that was indicated by the geotechnical report provided by Kumar & Associates.

8. A&P has assumed that two of the currently existing monitoring wells can be utilized as piezometers during the dewatering period for taking measurements of the depth to the water table if coordinated with the City. No costs for constructing new piezometers has been included in the GMP.

9. A&P has assumed that all work associated with decommissioning existing groundwater monitoring wells will be performed by a 3<sup>rd</sup> party working directly for the City. A&P has assumed that construction of new groundwater monitoring wells will be constructed to State standards by a 3<sup>rd</sup> party working directly for the City and A&P's only involvement would be incorporating any of these wells into the slabs of the building. That could entail constructing a concrete vault that gives a secure space for the top of the

monitoring well pipe and the locking cap that gets installed on the top of it. A&P has assumed that these construction details will be provided by the Architect of Record as part of the final design on the contract documents, should a vault be needed for the wells. The cost for monitoring well vaults is not included in the GMP estimate for Phase I, but would become a part of the Phase II GMP estimate if those are included in the final design of the facility. The slab on grade work is part of Phase II and that is when the wells would need to be coordinate with design and construction.

10. A&P has assumed that the MMP Responsibility Matrix will govern over any discrepancies that exist within the MMP as to responsibilities that are either delineated in the MMP or were silent as to the responsibility.

11. The GMP Estimate is based on the assumption that all soils materials that are exported from the site will be dumped at a location within a 30 minute drive of the project site (75 minutes round trip trucking time). If it is determined the material needs to go to DAD's and the City is paying the dump fees, There will be an extra \$30 charge per truck. We have not assumed an associated value with the excess dirt, nor were we planning to use it for a different site.

13. A&P has assumed that some reasonably foreseen rain/snow delays would likely occur during the dewatering process while performing this work during the winter months. A&P has included 2 weeks of rental/maintenance time above and beyond the end date of the pool wall backfill to account for a planned amount of lost time in the schedule and in the GMP estimate. Should the winter or weather conditions materially differ from what could be reasonably expected during the dewatering process at this site during those months, there are provisions in the contract for dealing with unusually severe weather.

14. The GMP estimate excludes remediation, removal or disposal of any subsurface site conditions, referred to in the MMP as "Unanticipated Materials", whether or not they are contaminated. If differing site conditions are encountered, a change order will be addressed according to the contract.

15. This proposal assumes that Bid Package Two work will be incorporated into this Contract by Contract Amendment and a Notice to Proceed for Bid Package Two work will be received by the date shown in the Schedule attached to the GMP proposal.

16. These are the assumptions that have been made by A&P's proposed dewatering sub, Rain for Rent ("RFR"):

Given the ground water sample data provided in the MMP, we assume treatment for TSS, iron, manganese, and TRC.

We expect to treat TSS through the use of weir tanks and bag filtration.

We expect to treat Iron and Manganese through the use of aeration, chemical injection, and green sand plus.

We expect to treat TRC through the use of Carbon media.

We expect to use Carbon media to treat petroleum contaminants in the water.

We expect that arsenic and selenium can be diluted out in our weir tanks. If additional filtration may need to be added, this is not currently included in the GMP.

We expect the discharge from this project will go into storm drains that drain to the South Platte River.

GMP Proposal. BP1. Contract Exhibit. Page 17 of 39

### Central Denver Rec Center Responsibility Matrix<sup>1</sup>

Owner<sup>2</sup>

Contractor

Monitoring Wells:		
Decommissioning of any existing monitoring wells prior to start of construction	Х	
Installation of any new monitoring wells, locking well caps,	X	
New wells that are to be installed will be performed by an agent working directly		
for the City & County of Denver in compliance with requirements of the various		
authorities having jurisdiction over well construction of this nature.	X	
A&P will coordinate the timing of the installation of the new wells that may fall		X
within the interior slabs of the building and will incorporate the interface above		
the well into the construction in accordance with final design details that will be		
developed later by the design team to work with an interior condition		
Permits:		
Temporary construction dewatering system during construction of the swimming		X
pool:		

<sup>&</sup>lt;sup>1</sup> If there is a conflict between the Materials Management Plan and this Responsibility Matrix, or the Materials Management Plan is silent as to which party is responsible, then this Responsibility Matrix will govern the assignment of responsibility for specific tasks.

 $<sup>^{2}</sup>$  Terracon, or any other environmental consultant that is retained by the Owner, will perform its scope of work entirely as a consultant retained by the Owner. A&P will not be liable for the actions or inactions of Terracon or other consultants retained by the Owner.

Colorado Discharge Permit System (CDPS) certification issued for the site by	X
the CDPHE Water Quality Control Division (WQCD)	
Application for CDPS General Permit:	X
Construction Dewatering (COG070000),	
Remediation Activities Discharging to Surface Water (COG315000), or	
Remediation Activities Discharging to Groundwater (COG316000).	
Groundwater Discharge and Treatment:	
6.2 Groundwater Quality: Monitor and treat ground water during dewatering	X
activities associated with construction. The CDPS permit which will be secured,	
will dictate to what levels various metals and contaminates will be measured,	
monitored and treated. The proposed dewatering firm indicated that adjustments	
can be made with the filtration/treatment train in their system to handle most	
conditions with naturally occurring metals expected in the downtown Denver	
area.	

<b>6.4 Groundwater Leachate from Soil:</b> If, during soil excavation and handling,		X
liquid is generated then the groundwater will be properly handled to prevent		
cross contamination of surrounding soil and groundwater impacting the public		
stormwater system.		
Stockpiled saturated soil will be placed on 6-millimeter plastic sheeting that is		
sloped to collect the groundwater in a plastic lined sump. The sump will be lined		Χ
with gravel to prevent the plastic from moving out of place.		
The groundwater that accumulates in the sump will be managed as potentially		X
contaminated by collecting a sample for characterization.		
	<b>X</b> 7	
The Owner's environmental professional will collect and test the sample.	X	
Based on the sample results, the accumulated groundwater will be disposed of		X
off-site or discharged per Section 6.3 of the Materials Management Plan.		28
on she of discharged per section 0.5 of the Materials Management Fran.		
Direction will be provided by Owner should A&P's environmental firm	X	
encounter any contaminates that can't be treated to levels required of the		
dewatering permit by reasonable and customary measures typically used by the		
proposed dewatering firm.		
On Site Monitoring:		
Engage an environmental professional to provide on site monitoring of soil	X	
during intrusive activities such as excavating, grading, drilling, and trenching in		
the areas identified on Exhibits 4 and 5 of MMP. Environmental professional		
requires 48 hours written notification from A&P of scheduled activities requiring		
oversight.		
·		•

<b>Caisson Spoils:</b> Regardless of whether groundwater production occurs during caisson drilling, the environmental professional present on site will field screen the excess soil and/or slurry mixture from the caissons per Section 5.1 of the MMP and with CCoD will determine the waste management strategy.	X	
<b>7.0 Contingency Plan For Unanticipated Materials:</b> Although A&P has not included any cost in the GMP for these contingencies, due to the location and history of the site, the possibility exists that contaminated materials may be encountered other than those identified and specified for special management within this MMP. Therefore, the following contingency procedures will be enacted in the event such materials are encountered:		
Notify the City of potentially contaminated soil or material. An environmental professional will not be on site when work is conducted outside of the areas identified on Exhibits 4 and 5 of the MMP except as called to the site to address observed potential environmental concerns.		Х
If notified by A&P of potentially contaminated materials, outside of areas identified on Exhibits 4 and 5 of the MMP, the City will have an environmental professional onsite during earth disturbing activities in the immediate area of concern.	X	
If uncharacterized, potentially-contaminated materials (soil, groundwater, ACM, construction materials) are encountered (based on appearance, odors, or other		

indications) when working outside of those areas identified on Exhibits 4 and 5		X
of the MMP, then the General Contractor shall immediately stop work in the		
immediate area of the discovery, immediately contact the City ((720) 460-1706),		
and continue work in other areas of the site.		
If unknown or unidentified underground storage tanks, drums, odorous soils,		
stained soils, asbestos-cement pipe, transite, building debris, or waste materials		
are encountered during the project, then the General Contractor shall		X
immediately stop work in the area of the discovery, immediately contact the City		
((720) 460-1706), and continue work in other areas of the site.		
The City's environmental professional will be called to the site. The weste will		
The City's environmental professional will be called to the site. The waste will be left in-place and evaluated and/or sampled by the City's environmental	X	
professional to evaluate the potential environmental impacts and proper handling	Δ	
and management strategy.		
and management strategy.		
After waste is evaluated by the environmental professional, the City will give	X	
direction to A&P on how to proceed with work relating to the unanticipated		
materials.		
The City will provide direction to GC when the GC & its subcontractors are		
released to recommence work in the immediate affected area.	X	
ACS and ACM Remediation and Monitoring (Per Section 3.2 of SOP):		
If Asbestos Containing Materials (ACM) or Asbestos Containing Soil (ACS) are	X	
encountered, provide Certified Asbestos Building Inspector (CABI") per Section		
3.1 of Asbestos Containing Soil Management Standard Operating Procedures		
(SOP) in Exhibit 8 and certified per Air Regulation No. 8:		

If ACM or ACS is encountered, provide as needed management of ACS or ACM per the SOP.	X	
Maintenance of all necessary site controls to prevent unauthorized entry into any		X
regulated work area;		Δ
Removing non-salvageable, non-hazardous materials and equipment from the		X
site and disposing at DADS in accordance with local, state and federal laws;		Δ
Soil Sampling and Lab Testing:		
Soil sampling and lab testing for disposal purposes.	X	
Soil sampling and lab testing for reuse on other City properties.	X	
Soil sampling and lab testing for reuse at 3 <sup>rd</sup> party properties.		X
Disposal of non-hazardous materials at DADS:		
Set up disposal accounts	X	
Pay for disposal costs – billed directly by Waste Mgmt	X	
Transportation of non-hazardous materials to DADS		X
Disposal of hazardous materials (ACM, ACS) at DADS:		
Obtain hazardous waste generator ID, if applicable.	X	
6/30/2015 Page 6 of 9		

Set up disposal accounts, as applicable	X	
Pay for disposal costs	X	
Transportation of hazardous materials to disposal site	X	

## 

	RESP ESTON	Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	RAL DENVER RECREATION CENTER
	00.01/170			Mon 12/15/14		7%		3rd Quart 1st Qu
		CENTRAL DENVER RECREATION CENTER	-					
	00-BRS	PRE-CONSTRUCTION PHASE	390 days	Mon 12/15/14	Fri 6/10/16	31%		12/15 PRE-CONSTRUCTION PHASE
	00-BRS	PRE-CONSTRUCTION, PLAN REVIEWS & PERMITTING SCHEDULE	265 days	Mon 12/15/14	Fri 12/18/15	65%		12/15 PRE-CONSTRUCTION, PLAN REVIEWS & PERMITTING SCHEDULE
	00-BRS	BRSITEMS	230 days	Mon 12/15/14	Fri 10/30/15	72%		12/15 PHILE BRS ITEMS
1	00-CACD	Full Notice to Proceed for Design to proceed to SD's	0 days	Mon 12/15/14	Mon 12/15/14	100%	6FS+1 day,184	12/15 💊 Full Notice to Proceed for Design to proceed to SD's
1	00-BRS	Schematic Design	29 days		Fri 1/23/15	100% 5FS+1 day	11,69,7SS+24 days,1	
	00-BRS	Distribute floor plans to consultants	0 days		Fri 1/16/15	100% 6SS+24 days	8	1//6 💫 Distributo floor plans to consultants
	00-BRS	Consultants finalize narratives & drawings for 100% SD from floor BRS' plans			Wed 1/21/15	100% 7	9	1/19 I Consultaits finalize narratives & drawings for 100% SD from floor BRS' plans
	00-BRS 00-BRS	Consultant narratives & drawings for 100% SD sent back to BRS			Wed 1/21/15	100% 8	10FS+2 days	1/21 & Consultant narratives & drawings for 100% SD sent back to BRS
	00-BRS	100% SD Report Published by BRS & Distributed to A&P by 3:00 p.m. Design Development Report Published & Distributed to A&P by 3:00 p.m.	0 days	Mon 1/26/15	Fri 1/23/15 Fri 5/8/15	100% 6,9FS+2 days 100% 6,10,70FF+50 da	69,11 ys 12SS+45 days,82,120	1/23 💊 100% SE Report Published by BRS & Distributed to A&P by 3:00 p.m. 1/26 Design Development Report Published & Distributed to A&P by 3:00 p.m.
_	00-BRS	50% Design Development Deliverable	0 days	Fri 3/27/15		100% 8,10,70FF+50 da	13,71,52,53,55,56,57	
	00-BRS	Construction Documents through completion of Permit/GMP Pricing set (milestones: CD Client		Mon 3/30/15		85% 12	27,25SS+80 days,26	3/3 Construction Documents through completion of Permit/GMP Pricing set (milestones: CD Client Workshop #3-Tues, Aug 4th)
	00 5110	Workshop #3-Tues, Aug 4th)	i co dajo	1001 0100/10	111011110	007012	21,2000.00 00,20	
-	00-CACD	Client comments on 50% DD doc's due to BRS & distributed to consultant team	1 day	Fri 4/17/15	Fri 4/17/15	100% 73FS+2 days	15,17FS+2 days	4/17   Client comments on 50% DD doc's due to BRS & distributed to consultant team
	00-BRS	Design team review City comments & prepare responses to them	10 days	Mon 4/20/15	Fri 5/1/15	100% 14	16	4/20   Decign team review City comments & prepare responses to them
	00-BRS	Design team responses to City comments due back to BRS	0 days	Fri 5/1/15		100% 15	19	5/1 🐟 Design team responses to City comments due back to BRS
	00-BRS	All documents for CPD submittal sent to HKS in PDF format (BRS, PK & HKS)		Wed 4/22/15		100% 14FS+2 days	19	4/22   All éocuments for CPD submittal sent to HKS in PDF format (BRS, PK & HKS)
	00-CACD	City decisions required on any VE required as a result of 50% DD estimate (latter previously reconciled & reviewed by Brett & the City)	1 day	Fri 5/8/15	Fri 5/8/15	100% 80	19	5/8   City decisions required on any VE required as a result of 50% DD estimate (latter previously reconciled & reviewed by Brett & the City)
	00-BRS	100% DD / Permit set for GMP Package #1 production process	15 davs	Mon 5/11/15	Fri 5/29/15	100% 18,16,17	22,20SS+10 days	5/11 a 16% DD / Permit set for GMP Package #1 production process
	00-BRS	100% DD / Permit set final background models/CAD Files shared		Mon 5/25/15		100% 19SS+10 days	21FS+1 day	5/2 1 (£0% DD / Permit set final background models/CAD Files shared
	00-BRS	100% DD / Permit set all PDF's to BRS by end of day			Wed 5/27/15	100% 20FS+1 day	22	5/27   1 €0% DD / Permit set all PDF's to BRS by end of day
-	00-BRS M/S	100% DD / Permit set for GMP Package #1 published	0 days	Fri 5/29/15	Fri 5/29/15	100% 19,21	83,23	5/29 💊 f00% DD / Permit set for GMP Package #1 published
	00-BRS	100% DD / Permit set for GMP Package #1-two week extension requested by BRS (milestones:	10 days	Mon 6/1/15	Fri 6/12/15	100% 22	24	6/1 g 100% DD / Permit set for GMP Package #1-two week extension requested by BRS (milestones: Drwg & spec T of C, Revit models & CAD's to BRS by 6/8, consultant PDF's to BRS End of Day 6/10)
		Drwg & spec T of C, Revit models & CAD's to BRS by 6/8, consultant PDF's to BRS End of Day 6/10)						
_	00 000	4000/ DD / Demail and fer OVD Drolling Manufaller of the second		E-LOW CHIC	Ex order to	100% 00	0255	5/12 a 100% DD Damik at the CMB Package #1 published (publiched quaited data)
	00-BRS M/S 00-BRS M/S	100% DD / Permit set for GMP Package #1 published (revised date) 50% CD's deliverable-Internal coordination check set (milestones: CD Client Workshop #1-Tues	0 days 0 days	Fri 6/12/15	Fri 6/12/15 Fri 7/17/15	100% 23 0% 13SS+80 days	83FF 28,27,26	6/12 🏟 300% DD / Permit set for GMP Package #1 published (revised date) 7/17 🤟 50% CD's deliverable-Internal coordination check set (milestones: CD Client Workshop #1-Tues 6/23-lights & pl fixt's, interiors & architecture, Workshop #2 Thurs 7/9-interiors & brick)
	00-DR0 W/S	6/23-lights & pl fixt's, interiors & architecture, Workshop #2 Thurs 7/9-interiors & brick)	o days	11111110		0 /0 1353 YOU days	20,21,20	
-	00-BRS M/S	CD-Permit/GMP Pricing Set-2 week extension requested by BRS (per 05/18/15 e-mails from	0 days	Fri 8/14/15	Fri 8/14/15	0% 13,25	27	8/14 🗇 CD-Permit/GMP Pricing Set-2 week extension requested by BRS (per 05/18/15 e-mails from Brett & Katle, this extension is not needed. Kept task, but reduced duration to zero days)
		Brett & Katie, this extension is not needed. Kept task, but reduced duration to zero days)						
	00-BRS M/S	CD-Permit/GMP Pricing Set deliverable-Distributed to A&P by 5:00	0 days	Fri 8/14/15	Fri 8/14/15	0% 13,25,26	28,110,175,64,67,63,	1 8/14 💊 CD-Permit/GMP Pricing Set deliverable-Distributed to A&P by 5:00 p.m. (revised date)
		p.m. (revised date)						
-	00-BRS	Incorporate any early ASI's/bidder RFI's/ last addendum into the "for construction" set / final plan	20 days	Mon 8/17/15	Fri 9/11/15	0% 27,25	31	8/12 🖕 Incorporate any early ASI's/bidder RFI's/ last addendum into the "for construction" set / final plan & specification QC process by BRS
		& specification QC process by BRS						
	00.4111	Duilding Department Otata Fire Marshall Dire Device Process	20 1	Man Cid 7/4 -	E# 0/05/45	09/ 27	20	
_	00-AHJ	Building Department State Fire Marshall Plan Review Process		Mon 8/17/15	Fri 9/25/15	0% 27	30	8/17 C Building Department State Fire Marshall Plan Review Process
	00-BRS M/S	BRS Incorporate AHJ's plan review comments & issue ASI(s) associated with them "For Construction" consildated set of CD's-Distributed to A&P by 3:00 p.m.	10 days 0 days	Mon 9/28/15 Fri 10/9/15	Fri 10/9/15 Fri 10/9/15	0% 29	31 66,65,117,32	9/28 g BRS Incorporate AHJ's plan review comments & issue ASI(s) associated with them
-	00-A & P	A&P reconcile ASI costs with proposed subs & City make final adjustments with their		Mon 10/12/15		0% 28,30	117,116FF+35 days	19/9  For Construction considered set or CD S-Ustimulate to AEP 49 3:00 p.m. 19/12  AEP reconcile ASI costs with proposed subs & City make final adjustments with their contingency portion prior to City Council 2nd reading
		contingency portion prior to City Council 2nd reading						
	00-BRS	HKS ENGINEERING ITEMS FOR EARLY PACKAGE RELEASE	150 days	Mon 1/5/15	Mon 8/3/15	77%		1/5 CHARTER STATE AND A STATE
-	00-BRS	Building footprint received from BRS	0 days	Mon 1/5/15	Mon 1/5/15	100% 6SS+15 days	35	1/5      Building footprint received from BRS
	00-BRS	HKS Work with BRS & StudioCPG to layout parking and site plan base	10 days	Tue 1/6/15		100% 34	36	1/6 g HKS Work with BR\$ & StudioCPG to layout parking and site plan base
	00-BRS	HKS Prepare Concept Plan Submittal	5 days		Mon 1/26/15	100% 35	37	1/20 HKS Prepare Concept Plan Submittal
	00-BRS	HKS Submit Concept Plan to Development Services		Mon 1/26/15		100% 36	38	1/26 A HKS Subjinit Concept Plan to Development Services
	00-CACD	City Review and Concept Plan Meeting	10 days	Tue 1/27/15		100% 37	39	1/27 g City Review and Concept Plan Meeting
_	00-BRS	HKS Prepare Development Plan and 80% Civil Construction Drawings	35 days		Mon 3/30/15	100% 38	40	2/10 HKS Propare Development Plan and 80% Civil Construction Drawings
	00-BRS 00-CACD	HKS Deliverable-1st Submittal Development Plan & Civil CDs 1st Submittal City Review Period			Mon 3/30/15 Mon 4/27/15	100% 39 100% 40	41 43,42	3/30 ♦ HKS:Deliverable-1st Submittal Development Plan & Civil CDs 3/31
-	00-CACD 00-BRS	1st Submittal City Review Period HKS prepare erosion control plan preparation & approval process	20 days 20 days		Mon 4/27/15 Mon 5/25/15	100% 40	43,42	4/28 e HKS prepare erosion control plan preparation & approval process
	00-BRS	HKS prepare erosion control plan preparation & approval process HKS Revise and Resubmit from City Comments on 1st submittal	20 days 11 days		Tue 5/12/15	100% 41	44	4/26 A HKS Revise and Resubmit from City Comments on 1st submittal
	00-BRS	HKS Deliverable-2nd Submittal Development Plan & Civil CDs	0 days	Tue 5/12/15		100% 43	45,83FF	5/12 → H/S Diversible and Submittal Development Plan & Civil CDS
	00-CACD	2nd Submittal-City Review Period		Wed 5/13/15		50% 44	47,46	5/13 🖬 2nd Submittal-City Review Period
	00-CACD	City comments on erosion control plan	1 day	Wed 7/8/15		100% 42,45	128	7/8 City comments on erosion control plan
	00-BRS	HKS Revise and Resubmit from City Comments on 2nd submittal	5 days	Wed 7/8/15		10% 45	48,169	7/8 LHKS Revise and Resubmit from City Comments on 2nd submittal
	00-BRS	HKS Deliverable-3rd Submittal Development Plan & Civil CDs	0 days	Tue 7/14/15	Tue 7/14/15	0% 47	49	7/14 🤞 HKS Deliverable-3rd Submittai Development Plan & Civil CDs
	00-CACD	3rd Submittal City Review and Approval	10 days	Wed 7/15/15	Tue 7/28/15	0% 48	50	7/15 g 3rd Submittal City Review and Approval
	00-BRS	Submit Final Signed/Stamped Drawings	4 days		Mon 8/3/15	0% 49	63,64,65,66,67,111,1	
	00-BRS	CRITICAL ITEMS FOR EARLY PACKAGE	100 days	Fri 3/27/15	Fri 8/14/15	0%		3/27 CRITICAL ITEMS FOR EARLY PACKAGE
	00-BRS	Deliverable-Mass Excavation/Over-excavation & soil reconditioning design	0 days	Fri 3/27/15	Fri 3/27/15	100% 12	112	3/27 🔶 Delhjerable-Mass Excavation/Over-excavation & soil reconditioning design
	00-BRS	Deliverable-Building Deep foundation system (including reinforcing & mix design) design	0 days	Fri 3/27/15	Fri 3/27/15	100% 12	112	3/27 ♦ Deliverable-Building Deep foundation system (including reinforcing & mix design) design
	00-BRS	Deliverable-Aquatics Deep foundation system (including reinforcing & mix design) design	0 days	Wed 4/1/15	Wed 4/1/15	100% 12FS+3 days	72	4/1 I Deltierable-Aquatics Deep foundation system (including reinforcing & mix design) design
-	00-BRS	Deliverable-Soil nail design	0 davs	Fri 3/27/15	Fri 3/27/15	100% 12	112	3/27 🗄 Deliverable-Soil nail design
-	00-BRS	Deliverable-Sanitary Sewerage Design	0 days	Fri 3/27/15		100% 12	112	327
-	00-BRS	Deliverable-Storm Sewer Design	0 days	Fri 3/27/15	Fri 3/27/15	100% 12	112	3/27
	00-BRS	Deliverable-Water (Denver Water Package) (based it off 1st City submittal)	0 days	Fri 8/14/15		0% 12,27	112	8/14 💊 Deliverable-Water (Denver Water Package) (based it off 1st City submittal)
	00-BRS	Deliverable-Pool Dehumidification Unit design (enough to put a PO out for the sole-sourced	0 days	Fri 3/27/15		100% 12	135,72	3/27   Deliverable-Pool Dehumidification Unit design (enough to put a PO out for the sole-sourced equipment)
		equipment)						
	00-BRS	Deliverable-Design assist pool sub partial design	0 days	Fri 3/27/15		100% 12	155,72	3/27 💊 Delherable-Design assist pool sub partial design
-i	00-BRS	Deliverable-Building Shallow Foundations design (including rebar & mix designs) (including the grade beams & walls as well)	0 days	Fri 3/27/15	Fri 3/27/15	100% 12	143,72	3/27 🚸 Deltverable-Building Shallow Foundations design (including rebar & mix designs) (including the grade beams & walls as well)
		grade beams & walls as well)		_				
_	00-BRS	BASIC DESIGN INFO NEEDED FOR 3RD PARTY UTILITY PROVIDERS	40 days	Fri 8/14/15	Fri 10/9/15	0%		8/14 group BASIC DESIGN INFO NEEDED FOR 3RD PARTY UTILITY PROVIDERS
		Deliverable-Gas service needs for Xcel to release them for engineering work	0 days	Fri 8/14/15	Fri 8/14/15	0% 50,27	254	8/14 So Deliverable-Gas service needs for Xcel to release them for engineering work
	00-BRS					01/ 150 07	261	8/14 Deliverable-Electrical ductbank(s)
	00-BRS 00-BRS	Deliverable-Electrical ductbank(s)	0 days	Fri 8/14/15	Fri 8/14/15	0% 50,27	-	
	00-BRS 00-BRS 00-BRS	Deliverable-Tele/data	0 days	Fri 10/9/15	Fri 10/9/15	0% 50,31	256	1)9
	00-BRS 00-BRS			Fri 10/9/15 Fri 10/9/15			-	1)9 ♦ Deliverable-Tele/data 1)9 ♦ Deliverable-Cable TV 8/14 ♦ Deliverable-Xcel Energy building loads to release them for engineering work



# EXHIBIT \_\_\_\_\_ - PROJECT SCHEDULE CENTRAL DENVER RECREATION CENTER

							CENT	RAL DENVER RECREATION CENTER
ID	RESP	ESTON Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart 1st Quart Qu
68	00-BRS		235 days	Mon 1/26/15	Fri 12/18/15	46%		
69 70	00-A & P 00-A & P		15 days 5 days	Mon 1/26/15 Mon 2/16/15	Fri 2/13/15 Fri 2/20/15	100% 6,10 100% 69	82,70 11FF+50 days	1/26 A&P Prépare & Distribute SD Estimate & Schedule 2/16 Team prepares & prices VE alternatives from estimate prepared from SD report
71	00-A & P		17 days	Mon 3/30/15	Tue 4/21/15	100% 12	114,83,72SS+4 days	3/30 a A& Prepare Initial GMP Estimate & reconcilation-3-1/2 weeks-early packge (tied to 1st City Submittal)
		Submittal)			_			
72	00-A & P	P A&P issue documents to subcontractors for bids & budgets after receipt of requested additional info that was not part of the 3/27 document issue	1 day	Fri 4/3/15	Fri 4/3/15	100% 71SS+4 days,54,61,60,59	73FS+6 days	4/3   A&P ssue documents to subcontractors for bids & budgets after receipt of requested additional info that was not part of the 3/27 document issue
73	00-A & P	P A&P host Pre-bid meeting	1 day	Tue 4/14/15	Tue 4/14/15	100% 72FS+6 days	74FS+3 days,14FS+2	4/14   A&P host Pre-bid meeting
74	00-A & P		1 day	Mon 4/20/15	Mon 4/20/15	100% 73FS+3 days	75	4/20   A&F/PPV review quantities of exterior envelope, GSF & raise red flags to BRS
75 76	00-A & P 00-A & P		1 day	Tue 4/21/15	Tue 4/21/15	100% 74	76,77 77FS+8 days	4/21   A&F deliver any self-performed work bids to Brett H.
76	00-A & P		1 day 1 day	Wed 4/22/15 Tue 5/5/15	Wed 4/22/15 Tue 5/5/15	100% 75,76FS+8 days	77FS+6 uays	4/22   A&F provide copies of sub bids to Brett H. 5/5   A& <sup>2</sup> deliver estimate to Brett H. to circulate to BRS & PPV
78	00-A & P	P PPV to reconcile estimates & design team to review estimate	2 days	Wed 5/6/15	Thu 5/7/15	100% 77	79FS-1 day	5/6 I PP / to reconcile estimates & design team to review estimate
79	00-BRS		1 day	Thu 5/7/15	Thu 5/7/15	100% 78FS-1 day	80FS-1 day,81	5/7   BRS & design consultants provide estimate comments to A&P by noon
80 81	00-A & P 00-TEAM		1 day 1 day	Thu 5/7/15 Fri 5/8/15	Thu 5/7/15 Fri 5/8/15	100% 79FS-1 day 100% 79,80	81,18 83	5/7   A& <sup>2</sup> & PPV meet & review reconciliation report & comments 5/8   A& <sup>2</sup> /Brett H/BRS/PPV meet to review estimate
82	00-A & P		20 days	Mon 5/11/15	Fri 6/5/15	100% 11,69	111	5/11 a A&P Prepare & Distribute 100% DD Estimate & Schedule
83	00-CACD	D Negotiatate contract terms & GMP amount-A&P & Brett-4 weeks-early package	22 days	Mon 6/1/15	Tue 6/30/15	100% 71,44FF,22,81,24FF	84	6/1 🚔 Negotiatate contract terms & GMP amount-A&P & Brett-4 weeks-early package
84	00-CACD	D Get contract through City legal review process, to A&P for signature & into two City Council sessions-12 weeks-early package (BP #1)	59 days	Tue 6/30/15	Mon 9/21/15	18% 83	111,195SS,196SS,194 days,113SS+38	4 6/30 🗰 Gran Gran Gran Gran Gran Gran Gran Gran
85	00-CACD		0 days	Tue 6/30/15	Tue 6/30/15	100%	davs.128SS+44	6/30 💊 Submit Form 43 (Brett)
86	00-CACD		2 days	Wed 7/1/15	Thu 7/2/15	100% 85	87	7/1 Enter to PeopleSoft and Receive Requisition Number (Contracts)
87	00-CACD		3 days	Fri 7/3/15	Tue 7/7/15	100% 86	88	7/3 Enter info to Alfresco (Contracts)
88 89	00-CACD 00-CACD		1 day	Wed 7/8/15 Thu 7/9/15	Wed 7/8/15 Thu 7/9/15	100% 87 100% 88	89 90	7/8 PW Approval of Contract (Public Works) 7/9 Email Alfresco Number to team (Contracts)
90	00-CACD	, ,	1 day 1 day	Fri 7/10/15	Fri 7/10/15	100% 89	90	7/10 Upload contract docs (Contracts)
91	00-CACD	D Review and Issue Draft (City Attorney)	2 days	Mon 7/13/15	Tue 7/14/15	0% 90	92	7/13 Review and Issue Draft (City Attorney)
92	00-CACD	. ,	2 days	Wed 7/15/15	Thu 7/16/15	0% 91	93	7/15 Review draft contract (Brett)
93 94	00-CACD 00-A & P	-	2 days 5 days	Fri 7/17/15 Tue 7/21/15	Mon 7/20/15 Mon 7/27/15	0% 92	94 95.97	7/17 Issue to A&P for Signing (City Attorney) 7/21 A&P gather bonds from Willis, obtain Tom Horsting's (Senior VP's) signature & return signed contract (Tom Bailey)
54	00-74 & F	signed contract (Tom Bailey)	Juays	100 /12 //13	W0117/27/13	078 93	55,57	
95	00-CACD		3 days	Tue 7/28/15	Thu 7/30/15	0% 94	96,98FS+1 day	7/28 Agency Approval (Contracts)
96 97	00-CACD		2 days	Fri 7/31/15	Mon 8/3/15	0% 95		7/31 Prepare Ordinance Request (Contracts/PM)
97	00-CACD 00-CACD		1 day 1 day	Tue 7/28/15 Mon 8/3/15	Tue 7/28/15 Mon 8/3/15	0% 94 0% 95FS+1 day	99FS+2 days	7/28   File Ordinance Request (Council Liason) 8/3   City Council (Mon) (Council Liason)
99	00-CACD		0 days	Wed 8/5/15	Wed 8/5/15	0% 98FS+2 days	100FS+4 days	8/5 🖕 Council Committee (Every other Wed) (Council Liason)
100	00-CACD		0 days	Tue 8/11/15	Tue 8/11/15	0% 99FS+4 days	101FS+2 days	8/11 💊 Mayor – Council (Tues) (Council Liason)
101 102	00-CACD 00-CACD		0 days	Thu 8/13/15 Mon 8/17/15	Thu 8/13/15 Mon 8/17/15	0% 100FS+2 days 0% 101FS+2 days	102FS+2 days 103FS+5 days	8/13 ♦ File Bill w/ City Council (By Thurs Noon) (Council Liason) 8/17 ♦ 1st Reading @ City Council (Per Schedule) (Council Liason)
102	00-CACD		0 days 0 days	Mon 8/24/15	Mon 8/24/15	0% 101FS+2 days	103F3+5 days	8/24 In the adding of the obligation of the schedule (council classif)
104	00-CACD		4 days	Tue 8/25/15	Fri 8/28/15	0% 103	105	8/23 I File (City Recorder)
105	00-CACD		3 days	Mon 8/31/15	Wed 9/2/15	0% 104	106	8/31 I Obtain Mayor's Signature – In (Mayor's Office)
106 107	00-CACD 00-CACD		6 days 1 day	Thu 9/3/15 Fri 9/11/15	Thu 9/10/15 Fri 9/11/15	0% 105	107	93 Obtain Mayor's Signature – Out (Mayor's Office) 9/1   Obtain Auditor's Signature – In (City Auditor)
108	00-CACD	• • • • •	5 days	Mon 9/14/15	Fri 9/18/15	0% 107	109FS+1 day	9 3 4 Obtain Auditor's Signature – Out (City Auditor)
109	00-CACD	D City Issue NTP to A&P (Contracts)	0 days	Mon 9/21/15	Mon 9/21/15	0% 108FS+1 day	111	9/21 ♦ City Issue NTP to A&P (Contracts)
110	00-A & P	P Final GMP Estimate & reconcilation-5 weeks (based on permit set of CD's) - one week past point of BRS putting pencils down on the "for construction" set to finalize any last minute cost details for the GMP	25 days	Mon 8/17/15	Fri 9/18/15	0% 27	115,151	8/17 🧧 Final GMP Estimate & reconcilation-5 weeks (based on permit set of CD's) - one week past point of BRS putting pencils down on the "for co
111	00-CACD	D M/S City Notice to Proceed to A&P-Early package	0 days	Mon 9/21/15	Mon 9/21/15	0% 50,84,82,109	189,114,137,156,145,2	2 9/21 ♦ City Notice to Proceed to A&P-Early package
112	00-A & P		10 days	Mon 3/30/15	Fri 4/10/15	100% 52,53,55,56,57,58	113	3/30 🍦 Bid-Eivil, deep foundations & sanitary/storm/water utilities work
113 114	00-A & P 00-A & P		2 days 8 days	Mon 8/24/15 Tue 9/22/15	Tue 8/25/15 Thu 10/1/15	0% 112,84SS+38 days 0% 71,113,111	114,125,130,131,132 204	8/23 I Review Bids, Interview Subs & Award-civil & deep foundations work 9/22 Submittals & critical approvals-civil & deep foundations work
114	00-CACD		10 days		Fri 10/2/15	0% 110	116,151	9/21 () Negotiatate contract & City Council-2 weeks-Overall GMP Contract
116	00-CACD	D Get contract into two City Council sessions-9 weeks-Overall GMP Contract	45 days	Mon 10/19/15	Fri 12/18/15	0% 115,32FF+35 days	117	19/19 🧰 Get contract into two City Council sessions-9 weeks-Overall GMP Contract
117	00-CACD	D Full Notice to Proceed on Overall GMP Contract	0 days	Fri 12/18/15	Fri 12/18/15	0% 116,31,32	120,160,159,161,162,7	1 12/18 🏟 Full Notice to Proceed on Overall GMP Contract
118	00-BRS		90 days	Fri 8/14/15	Fri 12/18/15	0%		8/14 CHER POTENTIAL GOOD OPTIONS FOR AN EARLY PACKAGE
119 120	00-BRS 00-BRS		0 days 0 days	Fri 8/14/15 Fri 12/18/15	Fri 8/14/15 Fri 12/18/15	0% 11,27	299 139	8/14  Deliverable-Pool shell design (enough info to put in with building foundations) 12/18 Deliverable-Elevator design
121	00-BRS		0 days	Mon 9/21/15	Mon 9/21/15	0% 11,27,111	147	9/21      Deliverable-Steel Release for Shop Drawing Preparation
122	00-BRS	S Deliverable-Release Joists & Deck for Shop Drawing Preparation	0 days	Mon 9/21/15	Mon 9/21/15	0% 11,27,111	147	9/21  Oeliverable-Release Joists & Deck for Shop Drawing Preparation
123	02-SUBS	S CRITICAL SUBMITTALS, APPROVALS & LONG LEAD ITEMS	315 days	Mon 3/30/15	Fri 6/10/16	6%		3/30 CRITICAL SUBMITTALS, APPROVALS & LONG LEAD ITEMS
120	02-SUBS	,	315 days	Mon 3/30/15	Fri 6/10/16	6%		3/30 CRITICAL SUBMITTALS, APPROVALS & LONG LEAD ITEMS
125	02-SUBS		10 days	Tue 9/22/15	Mon 10/5/15	0% 113,111	281,126	922 Soll Nailing Engineering & Submittal Package Preparation-Soil nail sub needs 2 sets of stamped drawings, 1 set of stamped calculations, 1
126	02-SUBS		20 days	Tue 10/6/15	Mon 11/2/15	0% 125	275	0/6 👩 Soil nail permit application review period
127	00-A & P	P A&P Prepare Application & Submit for APEN Dust Control Permit (Application submission serves as release to proceed)	5 days	Tue 9/8/15	Mon 9/14/15	0% 50,84SS+49 days	189,281	98 A&P Prepare Application & Submit for APEN Dust Control Permit (Application submission serves as release to proceed)
128	00-A & P		5 days	Tue 9/1/15	Mon 9/7/15	0% 46,84SS+44 days	129	91 Crestone prepare SWMP Plan
129	00-AHJ		10 days	Tue 9/8/15	Mon 9/21/15	0% 128	204,268	98 CDPHE Review of SWMP Plan & Issue Stormwater Management Permit
130	02-SUBS		15 days	Tue 9/15/15			204,226,233	9/15 🧧 Site Utilities Submittals & Approvals (Sanitary, Storm & Water)
131 132	02-SUBS 02-SUBS		10 days 10 days	Tue 9/22/15 Tue 9/22/15	Mon 10/5/15 Mon 10/5/15	0% 113,111 0% 113,111	134 133,268	922 0 Drilled Pier Concrete Mix Designs Submittals & Approvals 922 0 Drilled Pier Reinforcing Submittals & Approvals
132	02-SUBS		5 days		Mon 10/12/15	0% 132	134,268	0/6 Drilled Pier Reinforcing Fabrication (straight bars & hoops)
134	02-SUBS	S Drilled Pier Reinforcing Tie Cages on Site	10 days		Mon 10/26/15	0% 131,133	268	19/13 g Drilled Pier Reinforcing Tie Cages on Site
135 136	02-SUBS		18 days	Mon 3/30/15	Wed 4/22/15	100% 59	136 137	3/30 G Obtain pricing from vendors on PDU unit
136 137	02-SUBS 02-SUBS	, , , ,	3 days 25 days	Tue 9/22/15 Fri 9/25/15	Thu 9/24/15 Thu 10/29/15	0% 135,111 0% 136,111	137	922 I Pool Dehumidification Unit Purchase Order Issued by A&P after reconciling pricing 925 O Pool Dehumidification Unit Prepare Submittals & Process Submittals
138	02-SUBS		90 days	Fri 10/30/15	Thu 3/3/16	0% 137	684,683FS-4 days	0/30 Pool Dehumidification Unit Fabrication (assign PO to sucessful mechanical sub)
139	00-A & P	P Obtain pricing from subs on Elevators	10 days	Mon 12/21/15	Fri 1/1/16	0% 120	140	12/21 Ø Obtain pricing from subs on Elevators
	Adolfso							



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anMa a	3rd Quart Jul e o	Jan Ma a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanM
construct	ion" set to	imanze any	riast minut	e cost deta	iis for the t	21415						
s, 1 wet st	amped site	survey & 1	wet stamp	ed geotech	nical repor	t to comple	te their pro	ocess for si	ubmission			
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						••••			J 100/0	, 2031		

#### EXHIBIT \_\_\_\_\_ - PROJECT SCHEDULE CENTRAL DENVER RECREATION CENTER

									RAL DENVER		
ID		STON Task Name	Duration	Start	Finish		Predecessors	Successors	3rd Quart 1st Quart Jul e o JanMa a	3rd Quart Jul e o	1st Quar JanMa
140	00-A & P	Elevator Subcontract Issued by A&P after reconciling pricing (usually significant changes agreement formats)	n 5 days	Mon 1/4/16	Fri 1/8/16	0%	139	141		1/4	Elevato
141	02-SUBS	Elevator Prepare Submittals	30 days	Mon 1/11/16	Fri 2/19/16	0%	140	142	-	1/11	1 🧰 Eleva
142	02-SUBS	Elevator Fabrication	80 days	Mon 2/22/16		0%	141	624	-	2/	/22
143	00-A & P	Obtain pricing from subs on shallow foundation work	18 days	Mon 3/30/15		100%		144	3/30 🖨 Ob	11 1	3
144 145	00-A & P	Shallow foundation contract Issued by A&P after reconciling pricing	3 days	Tue 9/22/15			143,111	145		9 22 T Shal	
145	00-A & P 02-SUBS	Shallow Foundations Submittals & Approvals-mix designs & rebar Shallow Foundations-Fab & Deliver Rebar	10 days 5 days	Fri 9/25/15 Fri 10/9/15		0%	144,111	146 286	-	9 25 0 Sha	allow Fou
140	00-A & P	Obtain pricing from subs on Steel, Joists & Deck	13 days	Tue 9/22/15			121,122	151	-	9622 <b>0</b> Obt	
148	02-SUBS	Prepare steel erection drawing submittal (for anchor bolts & embeds) (linked to reconcilin					111,151	149		1)/15 OP	
		final GMP number prior to submission to City Council)						-			
149	02-SUBS	Approve steel erection drawing submittal (for anchor bolts & embeds)	12 days	Tue 11/10/15	Wed 11/25/15	0%	148	150	1	11/10 🧯	Approve
150	02-SUBS	Fab & deliver anchor bolts & embeds (linked to full release on final GMP)	10 days				149,117	294		10.00	🧯 Fab & d
151	00-A & P	Steel, Joist & Deck contract Issued by A&P after reconciling pricing	4 days		Wed 10/14/15		147,110,115	152,148		11 T	eel, Joist
152 153	02-SUBS 02-SUBS	Steel, Joists & Deck Shop Drawing Preparation (initial submissions) Steel, Joists & Deck Shop Drawing Approvals (initial submissions)	25 days			0% 0%		153 154	-	1)/15 👝 S	Steel, Jois
153	02-SUBS	Steel, Joists & Deck Shop Drawing Approvals (Initial Submissions) Steel, Joists & Deck Fabrication & Initial Deliveries Commence	15 days 35 days			0%		357	-	2 C	Steel, 30
155	00-A & P	Obtain pricing from subs on Pool DD Design	18 days			100%		156	3/30 🚘 Ob	4 S S S S	
156	00-A & P	Pool design assist contract Issued by A&P after reconciling pricing	5 days	Tue 9/22/15			155,111	157		9-22   Poo	
157	02-SUBS	Design-assist pool sub-completion of design & submittals	52 days	Tue 9/29/15	Wed 12/9/15	0%	156	158	-	9 29 👝	, Design-a
158	02-SUBS	Design-assist pool sub-submittal reviews	15 days	Thu 12/10/15	Wed 12/30/15	0%	157	159,160,161,162	1	12/10 🧊	🧧 Design
159	02-SUBS	Long lead pool equipment fabrication-filtration, heating & circulation items	50 days				158,117	485		12/31	Lor
160	02-SUBS	Long lead pool equipment fabrication-deck furnishings	40 days				158,117	584,616		8.5	Lon
161	02-SUBS	Long lead pool equipment fabrication-Play features	60 days				158,117	614		11	Lo
162	02-SUBS	Long lead pool equipment fabrication-Slides	75 days				158,117	602	-	12/31	
163 164	00-A & P 02-SUBS	Award electrical subcontract Prepare generator submittals	3 days 25 days	Mon 12/21/15 Thu 12/24/15		0%		164,261	-	11 1	Award e
165	02-SUBS	Process generator submittals	10 days			0%		165	-	11	28 o Proce
165	02-SUBS	Fabricate & deliver generator & ATS	65 days	Thu 1/20/16 Thu 2/11/16		0%		694	1	3.5	11
167	02-SUBS	PERMITTING PROCESS	85 days	Wed 6/17/15		12%			6/17 🗉	PE	
168	02-SUBS	Phase One Construction Permit Submittals	42 days			29%				Phase	
169	00-AHJ	Phase One Permit Review City & County Of Denver	15 days	Wed 6/17/15		60%	47	170	6/17	1.5	One Permi
170	00-AHJ	Phase One Permit Review Comments CCD	3 days	Thu 7/23/15	Mon 7/27/15	0%	169	171	7/23	Phase C	One Perm
171	00-BRS	Phase One Review Question Replys	5 days	Tue 7/28/15	Mon 8/3/15	0%	170	172	7/28	8 Phase (	One Revie
172	00-AHJ	Phase One Permit Replys Reviewed	5 days	Tue 8/4/15	Mon 8/10/15	0%	171	173	- 8/	4 Phase	One Perm
173	00-AHJ	Phase One Permits Issued	3 days	Tue 8/11/15	Thu 8/13/15	0%	172	189,268,200	8/1	l 1 👖 Phase	One Pern
174	02-SUBS	Phase Two Construction Permit Submittals	42 days	Mon 8/17/15	Tue 10/13/15	0%			8/1	7 🖵 Pi	hase Two
175	00-BRS	Design Team Submits For Phase Two Building Permits MEP & General	3 days	Mon 8/17/15		0%		176		17 T Desigr	
176	00-CACD	City & County Of Denver & Fire Dept. Issues Review Comments on Phase Two Submission	20 days	Thu 8/20/15	Wed 9/16/15	0%	175	177	8/2	26 🧧 City	& County
177	00-BRS	Design Team Replys To City & County Of Denver & Denver Fire Department on Pha	e 10 days	Thu 9/17/15	Wed 9/30/15	0%	176	178	- ,	9/17 👔 Des	cian Toom
	00-BR3	Two Submission	e lo uays	1110 9/17/13	Weu 9/30/13	078	170	175			signi ream
178	00-CACD	City & County OF Denver Recieves Design Replys on Phase Two Submission	0 days	Wed 9/30/15	Wed 9/30/15	0%	177	179		9/30 🍐 Cit	ty & Coun
179	00-CACD	Final Review Of Phase Two Construction Documents	8 days	Thu 10/1/15	Mon 10/12/15	0%	178	180		10/1 👔 Fin	
180	00-AHJ	Phase Two Permits Issued	1 day	Tue 10/13/15	Tue 10/13/15	0%	179	281	-	1)/13   Ph	iase Two F
181	02-SUBS	CONSTRUCTION PHASE	458 days	Mon 8/17/15	Wed 5/17/17	0%			8/1	7 🖵 🗕	+
182	02-SUBS	MILESTONE LEVEL CONSTRUCTION TIMELINES	337 days	Tue 12/1/15	Wed 3/15/17	0%			-	12/1 🖝	<u> </u>
183	00-A & P	CONSTRUCTION PHASE (GLOBAL TIMELINES & CRITICAL MILESTONES)	337 days	Tue 12/1/15	Wed 3/15/17	0%			-	12/1 🛡	<u> </u>
184	00-A & P	Winter 2015 to 2016	76 days	Tue 12/1/15	Tue 3/15/16	0%	5	185FS+186 days,249	-	12/1 🧧	wir
185	00-A & P	Winter 2016 to 2017	75 days	Thu 12/1/16	Wed 3/15/17	0%	184FS+186 days	996,981,987,975,976,9	9		T
186	02-SUBS	INITIAL CIVIL, SITE UTILITIES & SITEWORK	371 days	Mon 8/17/15	Mon 1/16/17	0%			8/1	7 🖵	+
187	02-SUBS	BUILDING PAD INSTALL	33 days	Mon 8/24/15	Wed 10/7/15	0%			8/2	24. 📺 BL	UILDING P
188	02-SUBS	SITE CLEARING & PAD PREP	12 days	Tue 9/22/15		0%					1
189	02-SUBS	Demo Site Area	5 days						9	)/2 😈 SI	TE CLEAR
190	00-CACD		Juays	Tue 9/22/15	Mon 9/28/15		111,127,173	191		9/2 🕎 Sl 9/22 👔 Den	
191		B-Cycle relocate B-Cycle Station on Colfax to new location	3 days	Tue 9/22/15 Tue 9/22/15				191 192	-	9 22 👔 Den	mo Site Ar
400	02-SUBS	B-Cycle relocate B-Cycle Station on Colfax to new location Building Pad Clear & Prep		Tue 9/22/15	Thu 9/24/15	0% 0%	111				mo Site Ar Sycle reloc
192	02-SUBS 02-SUBS		3 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15	0% 0% 0%	111	192		9 22 [ Den 9 22 [ B-C) 9 29 [ Bui 60/6 [ Lay	mo Site Ar Cycle reloc iilding Pad yout Build
193	02-SUBS 02-SUBS	Building Pad Clear & Prep Layout Building INITIAL SITEWORK	3 days 5 days 2 days 24 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15	0% 0% 0% 0%	111 189 191,190	192 192,276 268	8/2	9 22 J Den 9 22 J B-C) 9 29 Bui 0/6 J Lay 24 The INIT	mo Site Ar Cycle reloc Ilding Pad Yout Build
193 194	02-SUBS 02-SUBS 00-A & P	Building Pad Clear & Prep Layout Building INITIAL SITEWORK Design Row Traffic Control Plans For ROW Permit Work	3 days 5 days 2 days 24 days 4 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Mon 8/24/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15	0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days	192 192,276 268 195	8/2	922 J Den 922 J B-C) 929 J Bui 0/6 J Lay 4 UNI 2 J Desig	mo Site Ar Cycle reloc Iilding Pad yout Build ITIAL SITE gn Row Tra
193 194 195	02-SUBS 02-SUBS 00-A & P 00-A & P	Building Pad Clear & Prep Layout Building INITIAL SITEWORK Design Row Traffic Control Plans For ROW Permit Work Obtain ROW Permits CCD	3 days 5 days 2 days 2 days 24 days 4 days 10 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15	0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS	192           192,276           268           195           196	8/2 8/2 8/2 8/3 8/3	9,22 [ Den 9,22 [ B-C] 9,29 [ Bui 0/6 [ Lay 24 [ Desig 23 [ Obta]	mo Site Ar Cycle reloc hilding Pad yout Build ITIAL SITE gn Row Tr ain ROW P
193 194 195 196	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P	Building Pad Clear & Prep Layout Building INITIAL SITEWORK Design Row Traffic Control Plans For ROW Permit Work Obtain ROW Permits CCD Meet With CCD Public Works To Review Site Utilities Construction Prior To Start	3 days 5 days 2 days 24 days 4 days 10 days 10 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15 Thu 9/24/15	0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days	192 192,276 268 195	8/2 8/2 8/3 8/3 8/3 8/3 8/3 8/3 8/3 8/3 8/3 8/3	922 I Den 922 I B-C) 929 I Bui 0/6 I Lay 24 I Desig 22 I Desig 23 0 Obtai	mo Site Ar cycle reloc iilding Pad yout Build ITIAL SITE gn Row Tra ain ROW P et With CC
193 194 195 196 197	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS	Building Pad Clear & Prep Layout Building INITIAL SITEWORK Design Row Traffic Control Plans For ROW Permit Work Obtain ROW Permits CCD Meet With CCD Public Works To Review Site Utilities Construction Prior To Start SITE UTILITIES	3 days 5 days 2 days 24 days 4 days 10 days 371 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Mon 8/17/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15 Thu 9/24/15 Mon 1/16/17	0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS	192           192,276           268           195           196	8/2 8/2 8/2 8/1	922 I B-C 922 I B-C 929 Bui 0/6 I Lay 24 T Desig 23 Obta 0/1 Mee 7	mo Site Ar Cycle reloc iilding Pad yout Build ITIAL SITE gn Row Tra ain ROW P et With CC
193 194 195 196 197 198	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS	Building Pad Clear & Prep       Layout Building       INITIAL STEWORK       Design Row Traffic Control Plans For ROW Permit Work       Obtain ROW Permits CCD       Meet With CCD Public Works To Review Site Utilities Construction Prior To Start       SITE UTILITIES       LAYOUT SITE UTILITIES	3 days 5 days 2 days 24 days 4 days 10 days 10 days 371 days 5 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15	0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS	192       192,276       268       195       196       200,209	8/2 8/2 8/2 8/1 9 8/1 9	922 [ Den 922 [ B-C] 929 [ Bui 0/6 [ Lay 0/6 [ Lay 24 [ Desig 23 [ Obta 24 [ Desig 23 [ Obta 24 [ Desig 23 [ Obta 24 [ Desig 23 [ Obta 24 [ Desig 23 [ Desig 23 [ Desig 24 [ Desig 24 [ Desig 25 [ Desig 25 [ Desig 26 [ Desig 26 [ Desig 27 [ Desig 27 [ Desig 28 [ Desig 28 [ Desig 29 [ Desig 29 [ Desig 29 [ Desig 20 [ Desig 20 [ Desig 20 [ Desig 20 [ Des	mo Site Ar Cycle reloc iliding Pad yout Build ITIAL SITE gn Row Tra ain ROW P et With CC
193       194       195       196       197       198       199	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine	3 days           5 days           2 days           24 days           4 days           10 days           371 days           5 days           1 days           371 days           5 days           1 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15 Tue 9/22/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15	0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111	192 192,276 268 195 196 200,209 201,226,210,200	8/2 8/2 8/2 8/ 8/ 8/1 8/1 8/1	9,22 ↓ Den 9,22 ↓ B-Cy 9,29 ↓ B-Cy 9,29 ↓ B-Cy 9,29 ↓ B-Cy 9,29 ↓ B-Cy 1,00 ↓ Lay 9,21 ↓ Desig 9,21 ↓ Desig 9,21 ↓ Desig 9,21 ↓ Desig 9,22 ↓ Lay 9,22 ↓ Lay	woo Site Ar Sycle reloc iliding Pad yout Build ITIAL SITE gn Row Tra in ROW P et With CC
193       194       195       196       197       198       199       200	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         LAYOUT SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Sanitary Sewer At West end of Site on Colfax	3 days           5 days           2 days           2 days           2 days           4 days           10 days           10 days           371 days           5 days           1 days           1 days           1 days           1 days           1 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15 Tue 9/22/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/10/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15	0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19	192 192,276 268 195 196 200,209 201,226,210,200 99 204	8/2 8/2 8/2 8/3 8/1 9 9 8/1 9	9;22 [ Den 9;22 ] B-Cj 9;29 ] Bui 0:06 ] Lay 0:06 ] Lay 10:06 ] Q 10:06 ] Q 10:07 Q 23 Q Obta 23 Q Obta 23 Q Obta 9;22   Lay 9;22   Lay 9;22   Lay	ycle reloc iliding Pad yout Build ITIAL SITE gn Row Trr ain ROW P et With CC
193       194       195       196       197       198       199       200       201	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         LAYOUT SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Storm Drainage and Detention Chambers	3 days           5 days           2 days           24 days           4 days           10 days           371 days           5 days           10 days           2 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15 Tue 9/22/15 Wed 9/23/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 8/27/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15 Mon 9/28/15 Thu 9/24/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19	192 192,276 268 195 196 200,209 201,226,210,200	8/2 8/2 8/2 8/1 9 8/1 9	9:22   Den 9:22   B-C) 9:29   Bui 9:29   Bui 9:29   Bui 9:21   Desig 23   Obta 9:22   Desig 23   Obta 9:22   Lay 9:22   Lay 9:23   Lay	ycle reloc. iliding Pad yout Build ITIAL SITE gn Row Tra ain ROW P et With CC YOUT SIT yout Sanita
193           194           195           196           197           198           199           200           201           202	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Storm Drainage and Detention Chambers         Layout Storm Drainage and Detention Chambers	3 days           5 days           2 days           24 days           4 days           10 days           371 days           5 days           1 days           2 days           371 days           2 days           371 days           371 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Mon 9/28/15 Tu 9/24/15 Mon 9/28/15 Tu 9/22/15 Thu 9/24/15 Mon 9/28/15 Thu 9/24/15	0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19	192 192,276 268 195 196 200,209 201,226,210,200 99 204	8/2 8/2 8/2 8/1 9 8/1 9	9:22   Den 9:22   B-C) 9:29   Bui 9:29   Bui 9:29   Bui 9:21   Desig 23   Obta 9:23   Obta 9:24   Layc 9:28   Layc 9:28   Layc 9:23   Layc	vycle reloc iliding Pad yout Build TIAL SITE gr Row Trr ain ROW P et With CC YYOUT SIT yout Sanita yout Sanita
193       194       195       196       197       198       199       200       201	02-SUBS 02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         LAYOUT SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Storm Drainage and Detention Chambers	3 days           5 days           2 days           24 days           4 days           10 days           371 days           5 days           10 days           2 days	Tue 9/22/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Mon 8/24/15 Fri 8/28/15 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Mon 8/17/15 Tue 10/6/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 9/26/15 Tue 9/22/15 Thu 9/22/15 Thu 9/22/15 Mon 9/28/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2	8/2 8/2 8/2 8/1 9 8/1 9	9:22   Den 9:22   B-C; 9:29   Bui 0:06   Lay 4: 9:21   Desig 2:2   Desig 2:2   Desig 2:2   Josig 9:22   Lay 9:22   Lay 9:22   Lay 9:23   Lay	window of the action of the ac
193         1           194         1           195         1           196         1           197         1           198         1           200         2           201         2           202         2           203         2           204         1	02-SUBS 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Sonitary Sewer At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sewer	3 days           5 days           5 days           2 days           2 days           4 days           10 days           371 days           2 days           371 days           108 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Tue 9/22/15 Tue 9/22/15 Won 9/28/15 Won 9/28/15 Won 8/17/15 Tue 10/6/15 Tue 10/6/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 9/22/15 Mon 9/22/15 Thu 9/22/15 Thu 9/24/15 Mon 9/22/15 Mon 9/22/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2	8/2 8/2 8/2 8/1 9 8/1 9	9,22 [ Den 9,22 [ Den 9,29 ] Bui 0/6 [ Lay 4 4 W INI 2 ] Des 1 0 Mee 7 7 7 7 8,23 0 Obta 9,23 [ Lay 9,23 Lay 9,24 Lay 9,24 Lay 9,25 Lay 9,26 Lay 9,26 Lay 9,27 Lay 9,27 Lay 9,28 Lay 9,28 Lay 9,28 Lay 9,29 Lay	mo Site Ar ycle reloc: iliding Pad yout Build ITIAL SITE gn Row Tri ain ROW P et With CC WOUT SIT yout Sanita YOUT SIT yout Sanita Insstall Sanita
193         194           195         195           196         1           197         1           198         2           200         2           201         2           202         2           203         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 00-2-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Smitter Line & Fire Hydrant At Colfax & Josephine         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         INSTALL SITE UTILITIES         Install Sanitary Sewer         Stall Sanitary Sewer	3 days           5 days           2 days           2 days           2 days           2 days           10 days           10 days           371 days           2 days           3 days           3 71 days           2 days           3 71 days           3 71 days           3 71 days           1 day           1 day           1 days           1 days           1 days           1 days           2 days           108 days           2 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Mon 8/17/15 Tue 10/6/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Thu 9/28/15 Thu 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Fri 10/9/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2           8,205,219,207	8/2 8/2 8/2 8/1 9 8/1 9	9,22 [ Den 9,22 [ Den 9,29 ] Bui 0/6 [ Lay 1, Den 9,23 ] Obta 9,23 ] Obta 9,23 ] Obta 9,23   Lay 9,23   Lay 9,24   Lay 9,25   Lay 9,26   Lay 9,27   Lay 9,27   Lay 9,28   Lay 9,28   Lay 9,29   Lay 9,20   Lay	mo Site Ar ycle reloc: ycle reloc: ycut Build yout Build TIAL SITE an Row P tet With CC YOUT SIT yout Sanita YOUT SIT yout Sanita yout S
193         1           194         1           195         1           196         1           197         1           198         1           200         2           201         2           202         2           203         2           204         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Sanitary Sewer At West end of Site on Colfax         Layout Usorn Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Somer         Install Sanitary Sewer Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s	3 days           5 days           2 days           24 days           24 days           10 days           371 days           5 days           2 days           371 days           371 days           2 days           371 days           2 days           371 days           2 days           371 days           2 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Mon 8/24/15 Mon 8/24/15 Mon 8/17/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Mon 8/17/15 Tue 10/6/15 Tue 10/6/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tu 9/22/15 Mon 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Fri 10/9/15 Mon 10/12/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21 204	192 192,276 268 195 196 200,209 201,226,210,200 9 204 204,255,258,260,257,2 204,255,258,260,257,2 204,255,258,260,257,2 204,255,258,260,257,2	8/2 8/2 8/2 8/1 9 8/1 9	9:22 [ Den 9:22 ] Bui 9:29 ] Bui 0:6 [ Lay 4: ↓ [ Desig 23 ] Obta 3:1 ] Mee 9:22   Lay 9:23 ] Lay 9:23   Lay 9:23   Lay 9:23   Lay 9:24   Lay 9:23   Lay 9:26   Lay 9:26   Lay 9:27   Lay 9:27   Lay 9:28   Lay 9:29   Lay	mo Site Ar ycle reloc vijuliding Pad yout Build yout Build TIAL SITE an Row P et With CC with CC YOUT SIT yout Sanita YOUT SIT yout Sanita yout Sani
193         1           194         1           195         1           196         1           197         1           198         1           199         2           200         2           201         1           202         2           203         2           204         2           205         2           206         2           207         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Strift UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Somer         Install Sanitary Sewer At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s pick up (after foundation walls are constructed)	3 days           5 days           2 days           24 days           24 days           10 days           371 days           5 days           2 days           371 days           371 days           2 days           371 days           2 days           371 days           2 days           371 days           2 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/15 Thu 3/3/16	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15 Mon 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Thu 3/3/16	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21 204 205SS+1 day	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2           8           205,219,207           2065S+11 day           226,268	8/2 8/2 8/1 8/1 9 8/1 9 8/1 9 8/1 9 8/1	9:22   Den 9:22   Bel 9:29   Bui 0:6   Lay 4:4 ↓ [I] Desig 2:3   Desig 2:3   Desig 2:3   Obta 9:28   Lay 9:28   Lay 9:23   Lay 9:23   Lay 1:0/6   Inst 0:6   Ref 0:9   Pat	wind Site Ar ycle reloc iliding Pad yout Build TIAL SITE gr Row Tri ain ROW P et With CC with CC yout Start yout Sta
193         1           194         1           195         1           196         1           197         1           198         1           199         2           200         2           201         1           202         2           203         2           204         2           205         2           206         2           207         2           208         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 00-X & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Site UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sanitary Sewer At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sanitary Sewer Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines	3 days           5 days           2 days           24 days           4 days           10 days           10 days           371 days           5 days           2 days           371 days           371 days           2 days           10 days           2 days           2 days           2 days           2 days           b to           116 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Mon 8/24/15 Fri 9/11/15 Mon 8/17/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/15 Thu 3/3/16 Wed 9/23/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Thu 9/22/15 Mon 9/28/15 Thu 3/24/15 Mon 10/12/15 Fri 10/9/15 Mon 10/12/15 Thu 3/3/16 Wed 3/2/16	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21 204 205SS+1 day 204,33SSS,231	192           192,276           268           195           196           200,209           201,226,210,200           99           204,255,258,260,257,2           8,205,219,207           206SS+1 day           226,268           340	8/2 8/2 8/2 9 8/1 9 2 9 8/1 8/1 8/1 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 929   Bui 929   Bui 906   Lay 106   Lay 23   Dosig 23   Obta 71   Mee 922   Lay 923   Lay 923   Lay 923   Lay 923   Lay 923   Lay 923   Lay 924   Lay 925   Lay 927   Lay 928   Lay	mo Site Ar Sycle reloc iliding Pad yout Build TTIAL SITE an Row Tri an Row P et With CC wout Sum yout Sum yout Stanita yout yout Stanita yout yout Stanita yout Stanita yout yout yout yout yout yout yout yout
193         1           194         1           195         1           196         1           197         1           198         1           199         2           200         2           201         1           202         2           203         2           204         2           205         2           207         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Strift UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Somer         Install Sanitary Sewer At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s pick up (after foundation walls are constructed)	3 days           5 days           2 days           24 days           4 days           10 days           10 days           371 days           5 days           2 days           371 days           371 days           2 days           10 days           2 days           2 days           2 days           2 days           b to           116 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/15 Thu 3/3/16	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Thu 9/22/15 Mon 9/28/15 Thu 3/24/15 Mon 10/12/15 Fri 10/9/15 Mon 10/12/15 Thu 3/3/16 Wed 3/2/16	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21 204 205SS+1 day 204,33SSS,231	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2           8           205,219,207           2065S+11 day           226,268	8/2 8/2 8/2 9 8/1 9 2 9 8/1 8/1 8/1 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9:22   Den 9:22   Bel 9:29   Bui 0:6   Lay 4:4 ↓ [I] Desig 2:3   Desig 2:3   Desig 2:3   Obta 9:28   Lay 9:28   Lay 9:23   Lay 9:23   Lay 1:0/6   Inst 0:6   Ref 0:9   Pat	mo Site Ar Sycle reloc iliding Pad yout Build TTIAL SITE an Row Tri an Row P et With CC wout Sum yout Sum yout Stanita yout yout Stanita yout yout Stanita yout Stanita yout yout yout yout yout yout yout yout
193         1           194         1           195         1           196         1           197         1           198         1           200         2           201         2           203         2           204         2           205         2           207         2           208         2           209         2	02-SUBS 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Water Line & Fire Hydrant At Colfax & Josephine         Layout Some Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Some Traffic Control Plans For ROW Permit Work         Obtain ROW Permits Sever At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Instail Sever         Instail Sever         Instail Sever         Instail Sanitary Sever Stub At West Colfax (about 13" down at deepest point)         Repair Side Walk & Gutter from Sanitary Sever Stub into site         Patch Pavement At West Colfax from Sanitary Sever Stub into site         Bring sanitary stub from Colfax to within 5" of building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines       Barricades, signage, message boards & Lane(s) closure at Colfax for street wo	3 days           5 days           2 days           2 days           2 days           2 days           10 days           10 days           371 days           371 days           2 days           2 days           371 days           2 days           108 days           2 days           1 day           1 day           1 day           1 day	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/16 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/16 Thu 3/3/16 Wed 9/23/15 Fri 9/25/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Tu 9/22/15 Mon 9/28/15 Tu 9/22/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Fri 10/9/15 Thu 3/3/16 Wed 3/2/16 Fri 9/25/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,18 199 201,130,129,114,21 204 205SS+1 day 204,335SS,231 196	192         192,276         268         195         196         200,209         201,226,210,200         19         204         2055,258,260,257,2         206SS+1 day         226,268         340         200	8/2 8/2 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 9 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 922   Bui 006   Lay 4	yout Build TTIAL SITE an Row Train ROW P at With CC with CC YOUT SIT YOUT S
193         1           194         1           195         1           196         1           197         1           198         1           199         2           200         2           201         1           202         2           203         2           204         2           205         2           206         2           207         2           208         2	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 00-X & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Sanitary Sewer At West end of Site on Colfax         Layout Sort Druttities         Install Sanitary Sewer At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sewer         Install Sanitary Sewer Stub At West Colfax (about 13° down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Payement At West Colfax to within 5° of building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines         Barricades, signage, message boards & Lane(s) closure at Colfax or street woo Install Colfax disconnect Valve #1 from the east end of site (use trench boxes, hydraulic bracing, and/or vaccuum excavation work as round	3 days           5 days           2 days           24 days           4 days           10 days           10 days           371 days           5 days           2 days           371 days           371 days           2 days           10 days           2 days           2 days           2 days           2 days           b to           116 days	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/28/16 Fri 8/28/16 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Tue 10/6/15 Thu 3/3/16 Wed 9/23/15 Fri 9/25/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Tu 9/22/15 Mon 9/28/15 Tu 9/22/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Fri 10/9/15 Thu 3/3/16 Wed 3/2/16 Fri 9/25/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,18 199 201,130,129,114,21 204 205SS+1 day 204,335SS,231 196	192           192,276           268           195           196           200,209           201,226,210,200           99           204,255,258,260,257,2           8,205,219,207           206SS+1 day           226,268           340	8/2 8/2 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 9 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 929   Bui 929   Bui 906   Lay 106   Lay 23   Dosig 23   Obta 71   Mee 922   Lay 923   Lay 923   Lay 923   Lay 923   Lay 923   Lay 923   Lay 924   Lay 925   Lay 927   Lay 928   Lay	yout Build TTIAL SITE an Row Tra ain ROW P at With CC at With CC YOUT SIT YOUT SIT Y
193         1           194         1           195         1           196         1           197         1           198         1           199         2           200         2           201         2           203         2           204         2           205         2           206         2           207         2           208         2           209         2	02-SUBS 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Site UTILITIES         Layout Some Time & Fire Hydrant At Colfax & Josephine         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sanitary Sewer At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sanitary Sewer Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s pick up (after foundation wals are constructed)         Water Lines         Barricades, signage, message boards & Lane(s) closure at Colfax for street wo Install Colfax disconnect Valve #1 from the east end of site (use trench boxes,	3 days           5 days           2 days           2 days           2 days           2 days           10 days           10 days           371 days           371 days           2 days           2 days           371 days           2 days           108 days           2 days           2 days           1 day           1 day           1 day           1 day	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/16 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/16 Thu 3/3/16 Wed 9/23/15 Fri 9/25/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Tu 9/22/15 Mon 9/28/15 Tu 9/22/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Fri 10/9/15 Thu 3/3/16 Wed 3/2/16 Fri 9/25/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,18 199 201,130,129,114,21 204 205SS+1 day 204,335SS,231 196	192         192,276         268         195         196         200,209         201,226,210,200         19         204         2055,258,260,257,2         206SS+1 day         226,268         340         200	8/2 8/2 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 9 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 922   Bui 006   Lay 4	yout Build TTAL SITE an Row Tra ain ROW Pre at With CCI at With CCI out Vater yout Sanita yout Water yout Sanita stall Sanita stall Sanita stall Sanita stall Sanita stall Sanita stall Sanita
193         194           194         195           196         197           197         198           199         200           201         202           203         204           204         204           209         209           210         210           211         211	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Sanitary Sever At West end of Site on Colfax         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sower         Install Sanitary Sever Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Cutter from Sanitary Sever Stub into site         Patch Pavement At West Colfax to within 5' ob building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines         Barricades, signage, message boards & Lane(s) closure at Colfax for street wo install Colfax disconnect Valve #1 from the east end of site (use trench boxes, hydraidic bracing, and/or vaccuum excavation work as needed to work around existing utilites, typical for all street utility work)	3 days           5 days           2 days           2 days           2 days           2 days           10 days           10 days           371 days           371 days           2 days           2 days           371 days           2 days           108 days           2 days           2 days           1 day           1 day           1 day           1 day	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/16 Fri 8/28/16 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Fri 10/9/15 Fri 10/9/15 Fri 10/9/15 Fri 10/9/15 Fri 10/9/15 Fri 9/25/15 Wed 9/23/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15 Mon 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Thu 3/3/16 Wed 3/2/16 Fri 9/25/15 Wed 9/23/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 201,130,129,114,21 204 205SS+1 day 204,33SS,231 196 199 210SS	192           192,276           268           195           196           200,209           201,226,210,200           19           204,225,258,260,257,2           2055,519,207           2055,514,day           240           240           2020,2219,207           2055,514,day           240           200           227,211S5,212           212	8/2 8/2 9 8/1 9 8/1 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 922   Bui 929   Bui 929   Bui 929   Den 929   Den 929	yout Build TTAL SITE an Row Tra ain ROW Pro- ain ROW Pro- set With CCI yout Sanita YOUT SIT yout Water yout Sanita Stall Sanita Stall Sanita Stall Sanita Stall Solita Water ''''''''''''''''''''''''''''''''''''
193         194           194         195           196         197           198         199           200         201           201         202           203         204           205         206           207         208           209         207           210         211           211         212	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Sanitary Sewer At West end of Site on Colfax         Layout Sort Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sanitary Sewer At West end of Site on Colfax         Layout Storm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sewer         Install Sanitary Sewer Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Gutter from Sanitary Sewer Stub into site         Patch Pavement At West Colfax to within 5' of building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines         Barricades, signage, message boards & Lane(s) closure at Colfax or street woo         Install Colfax disconnect Valve #1 from the east end of site (use trench boxes, hydraulic barding, and/or vaccuum execavation work as needed to work around existing utilites, typical for all street utility work)	3 days           5 days           2 days           24 days           10 days           10 days           371 days           371 days           2 days           2 days           1 day           2 days           371 days           2 days           108 days           2 days           3 days           1 day           1 day	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Mon 8/24/15 Fri 8/28/16 Fri 9/11/15 Tue 9/22/15 Tue 9/22/15 Wed 9/23/15 Tue 10/6/15 Tue 10/6/15 Thu 10/8/15 Fri 10/9/16 Thu 3/3/16 Wed 9/23/15 Wed 9/23/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Tue 9/22/15 Mon 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Thu 3/3/16 Wed 3/2/16 Fri 9/25/15 Wed 9/23/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 199 201,130,129,114,21 204 205SS+1 day 204,335SS,231 196 199 210SS 210,211	192           192,276           268           195           196           200,209           201,226,210,200           19           204           204,255,258,260,257,2           205,219,207           2065,511 day           226,268           340           200           227,211S5,212           212           213SS,214	8/2 8/2 8/2 9 8/1 9 2 9 8/1 8/1 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9.22   Den 9.22   Bui 9.29   Bui 9.29   Bui 9.06   Lay 106   Lay 23 @ Obta 7 ↓ 7 ↓ 9.23   Dosig 23 @ Obta 7 ↓ 9.24   Lay 9.23   Lay 9.23   Lay 9.23   Lay 9.23   Lay 9.23   Lay 9.24   Instr 9.23   Instr 9.23   Instr 9.23   Instr 9.23   Instr 9.23   Instr 9.23   Instr 9.23   Instr 9.23   Instr	wind Site Arm Site Arm Sycle reloc: yout Build TIAL SITE gr Row Tre ain ROW Pre- ter With CC: Water yout Sanita out Storm yout Sanita out Storm Sall Sanita spair Side V table Parts Water yout Sanita out Storm Sall Sanita Sall Sall Sanita Sall Sall Sanita Sall Sall Sall Sall Sall Sall Sall Sall
193         194           194         195           196         197           197         198           199         200           201         202           203         204           204         204           209         209           210         210           211         211	02-SUBS 00-A & P 00-A & P 00-A & P 00-A & P 00-A & P 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Building Pad Clear & Prep         Layout Building         INITIAL SITEWORK         Design Row Traffic Control Plans For ROW Permit Work         Obtain ROW Permits CCD         Meet With CCD Public Works To Review Site Utilities Construction Prior To Start         SITE UTILITIES         Layout Sanitary Sever At West end of Site on Colfax         Layout Sorm Drainage and Detention Chambers         INSTALL SITE UTILITIES         Install Sower         Install Sanitary Sever Stub At West Colfax (about 13' down at deepest point)         Repair Side Walk & Cutter from Sanitary Sever Stub into site         Patch Pavement At West Colfax to within 5' ob building foundation for plumbing s pick up (after foundation walls are constructed)         Water Lines         Barricades, signage, message boards & Lane(s) closure at Colfax for street wo install Colfax disconnect Valve #1 from the east end of site (use trench boxes, hydraidic bracing, and/or vaccuum excavation work as needed to work around existing utilites, typical for all street utility work)	3 days           5 days           2 days           2 days           2 days           10 days           10 days           10 days           371 days           2 days           2 days           1 day           2 days           1 day           1 day           1 day	Tue 9/22/15 Tue 9/29/15 Tue 9/29/15 Tue 10/6/15 Fri 8/24/15 Fri 8/24/15 Fri 8/24/15 Tue 9/22/15 Tue 9/22/15 Mon 9/28/15 Wed 9/23/15 Thu 10/6/15 Thu 10/8/15 Fri 10/9/15 Thu 3/3/16 Wed 9/23/15 Fri 9/25/15 Wed 9/23/15 Thu 9/24/15	Thu 9/24/15 Mon 10/5/15 Wed 10/7/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Thu 9/24/15 Mon 1/16/17 Mon 9/28/15 Thu 9/24/15 Mon 1/16/17 Thu 3/3/16 Wed 10/7/15 Thu 3/3/16 Fri 10/9/15 Mon 10/12/15 Thu 3/3/16 Fri 9/25/15 Wed 9/23/15 Thu 9/24/15 Thu 9/24/15	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	111 189 191,190 84SS+38 days 194,84SS 195,84SS 111 196,209,111,173,19 201,130,129,114,21 204 205SS+1 day 204,33SS,231 196 199 210SS	192           192,276           268           195           196           200,209           201,226,210,200           19           204,225,258,260,257,2           2055,519,207           2055,514,day           240           240           2020,2219,207           2055,514,day           240           200           227,211S5,212           212	8/2 8/2 8/4 9 8/1 9 2 8/1 8/1 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 8/1 9 9 9 8/1 9 9 9 8/1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	922   Den 922   Bui 929   Bui 929   Bui 929   Den 929   Den 929	violitical contractions of the second

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1/4 Elevator Subcontract	Issued by A&P after	reconciling	pricing (us	sually sign	ificant chan	iges on agr	eement for	mats)		
1/11 🥅 Elevator Prepare S	ubmittals									
2/22 Elevator Fab										
Obtain pricing from subs on shallow										
9 22 I Shallow foundation contract 9 25 O Shallow Foundations Subm										
0/9 Shallow Foundations-Fab										
9 22 🧕 Obtain pricing from subs o										
1)/15 OPrepare steel erection dra	awing submittal (for a	anchor bolt	s & embed	s) (linked to	o reconcilin	ig the final	GMP numb	er prior to	submissi	on
11/10 0 Approve steel erection of	drawing submittal (fo	r anchor bo	lts & embe	ds)						
12/21 🧯 Fab & deliver anchor I	: :			al GMP)						
0/9 I Steel, Joist & Deck contrac 1)/15  Steel, Joists & Deck Sho	: :			、						
11/19 O Steel, Joists & Deck Sh	: :									
12/10 🧰 Steel, Joists & Deck	: :	Deliveries C	ommence							
Obtain pricing from subs on Pool DD	: :									
9 22 Pool design assist contract 9 29 Design-assist pool sub										
12/10 👩 Design-assist pool su										
12/31 👝 Long lead pool eq				culation ite	ems					
12/31 📩 Long lead pool equ 12/31 🧫 Long lead pool e										
12/31 Long lead pool			69							
12/21 Award electrical subco										
12/24 🧰 Prepare generator su										
1/28 Process generator s 2/11 Fabricate & de	submittals eliver generator & AT	s								
/17 🗰 🖶 Phase One Construction Perm	mit Submittals									
6/17 🏮 Phase One Permit Review City &										
7/23 Phase One Permit Review Com										
7/28 Phase One Review Question Re 8/4 Phase One Permit Replys Revi										
8/11 I Phase One Permits Issued										
8/17 Phase Two Construction I	:									
8/17 Design Team Submits For Pha 8/20 City & County Of Denver & F				se Two Su	bmission					
9/17 🧯 Design Team Replys To City	y & County Of Denve	r & Denver	Fire Depart	ment on P	hase Two S	Submission				
9/30 💊 City & County OF Denver F	Recieves Design Rep	lys on Phas	e Two Sub	mission						
10/1 🧯 Final Review Of Phase Two										
19/13   Phase Two Permits Issued			_							
8/17 🗸										
12/1 🗸	MILESTONE LE									
12/1 Winter 2015 to 20		N PHASE (C	SLOBAL TI	MELINES &	& CRITICAL	MILESTO	NES)			
		017								
	INITIAL CIVIL, SITE		& SITEWO	RK						
8/24 🕎 BUILDING PAD INSTALL										
9/2 🗰 SITE CLEARING & PAD PF	REP									
9 22 J Demo Site Area 9 22 J B-Cycle relocate B-Cycle St	lation on Colfax to ne	wlocation								
929 Building Pad Clear & Prep		W location								
0/6 I Layout Building										
8/24 🕎 INITIAL SITEWORK										
8/2 I Design Row Traffic Control Pl 8/2 Obtain ROW Permits CCD	lans For ROW Permit	Work								
9/ 1 0 Meet With CCD Public Work	s To Review Site Util	ities Constr	uction Pric	or To Start						
8/17 🖵	SITE UTILITIES									
9/2 🖶 LAYOUT SITE UTILITIES										
9 22   Layout Water Line & Fire Hy 9 28   Layout Sanitary Sewer At W										
9 23 I Layout Storm Drainage and										
8/17	INSTALL SITE UTIL	ITIES								
18/6 Install Sewer	At West Colfax (abo	ut 12' down	at deeper	noint)						
0/8 I Repair Side Walk & Gutter				point)						
0/9 I Patch Pavement At West C	Colfax from Sanitary S	Sewer Stub	into site							
3/3   Bring sanitary stul	b from Colfax to with	in 5' of buil	ding found	ation for pl	lumbing su	b to pick u	o (after four	ndation wa	lls are co	ıst
9/23 Water Lines										
9 25   Barricades, signage, messa	age boards & Lane(s)	closure at 0	Colfax for s	treet work						
9 23   Install Colfax disconnect Va	live #1 from the east o	end of site (	use trench	boxes, hy	draulic brad	cing, and/o	r vaccuum	excavation	work as	100
9.23   Install Colfax disconnect Va	: :									
924   Install Colfax disconnect Va 924   Install Colfax disconnect Va										
9 25   Install Colfax disconnect Va										
	:				· · · · ·					



						CITY AN	ID COUNT	Y OF DENV	ER / DENV	ER PARKS	& RECREA	TION DIST	RICT
3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa   a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st JanM
submissio	n to City Co	ouncil)											
alls are con	structed)												
	,												
n work as n	eeded to w	ork around	existing ut	ilites, typic	al for all str	reet utility v	vork)						
								07-1	0-15 PI		NARY S	CHEDU	JLE
					FOR	RELEAS		н вр#	1 GMP	& 100%	DD's F	-OR BP	#2

Construction

#### EXHIBIT \_\_\_\_\_ - PROJECT SCHEDULE **CENTRAL DENVER RECREATION CENTER**

ID	RESP .	COLON	Task Name	Duration	Start	Finish	% Comp	Predecessors	Successors	3rd Quart 7 Jul e o J	an Mala	Julle Ir	<u>. ∎ist C</u> o JanM
215	02-SUBS		Stub water line into site to hydrant farthest east in Colfax from disconnect Valve #1 from east end of site	1 day	Mon 9/28/15	Mon 9/28/15	0%	214	216,231		9	28   Stu	ub wate
216	02-SUBS		Stub 1-1/2" water line into site for future retail building disconnect Valve #1 from the east end of site	1 day	Tue 9/29/15	Tue 9/29/15	0%	215	217		9	29   Stu	ub 1-1/2
217	02-SUBS		Stub 4" fire line into site for future retail building from disconnect Valve #2 from east end of site	2 days	Wed 9/30/15	Thu 10/1/15	0%	216	218		9	30 <mark>I</mark> Stu	ub 4" fiı
218	02-SUBS		Stub 6" water line into site from disconnect Valve #3 from the east end of site	O doug	Fri 10/2/15	5 Mon 10/5/15	0%	047	219,204			10/2 T Stu	
210	02-SUBS		Stub & water line into site non disconnect valve #3 ion the east end of site Stub water line into site to west hydrant in Colfax from disconnect Valve #4 from east end of site	2 days 1 day				218,204	220,231			0/2 <b>1</b> Stu 70/8   Stu	-
220	02-SUBS		Stub 8" PVC line from Colfax main to starting point in Josephine from disconnect Valve #5 from east end of site	1 day	Fri 10/9/15	5 Fri 10/9/15	0%	219	224,221			0/9   Stu	ub 8" P
221	02-SUBS		Patch Side Walk & Gutter at Colfax	2 days	Mon 10/12/15	Tue 10/13/15	0%	220	222		10	0/12 TPa	atch Sir
222	02-SUBS		Patch Paving At East Colfax Avenue	1 day		Wed 10/14/15	0%		223			)/14 Pa	
223	02-SUBS	M/S	Open Colfax lane(s) that were closed for utility installation	0 days	Wed 10/14/15	Wed 10/14/15	0%	222	268		10	14 🔶 0	Jpen Co
224	02-SUBS	M/S	Close Josephine to all traffic & detour around site	0 days	Fri 10/9/15	Fri 10/9/15	0%	220	225	1	1	)/9 🔶 C	lose Jo
225	02-SUBS		Install new water line from north Josephine down to intersection in Colfax through middle of road (about 323 feet of pipe with about 100' per day of production)	4 days	Mon 10/12/15	5 Thu 10/15/15	0%	224	226		1	0/12 ৄ In:	stall ne
226	02-SUBS		Install 3" water Line, 8" $\times$ 4" tapping saddle, fire hydrant & line and 8" concrete plug At North Josephine	1 day	Fri 10/16/15	5 Fri 10/16/15	0%:	206,199,130,225	227,228,230		1	9/16   In:	istall 3"
227	02-SUBS		Patch Side Walk & Gutter at Josephine	1 day	Mon 10/19/15	Mon 10/19/15	0%	214,226,210	228		1	D/19   Pa	atch Si
228	02-SUBS		Backfill & Patch Paving At N Josephine	1 day				227,226	233,268,229			10/20   Ba	
229 230	02-SUBS 02-SUBS	M/S	Open Josephine back for all traffic	0 days			0%	228 226,335SS	268 231	-	10	C/20 🔶 C	Open Jo 2/25 TE
230	02-3063		Bring fire lines & domestic lines in from stubs in Colfax & Josephine to first flange inside building for synikler sub & plumbing sub to connect to (after foundation walls are constructed)	3 days	110 2/23/10	W011 2/29/16	0%	220,33335	231			-	
231	02-SUBS		Complete the installation of the two fire hydrants along Colfax (after foundation walls are constructed)	2 days	Tue 3/1/16	Wed 3/2/16	0%	230,215,219	207				3/1 <mark>I</mark> (
232	02-SUBS		Storm Drainage & Storm Tech Chambers & Detention	324 days	Wed 10/21/15	Mon 1/16/17	0%				10	(/21 🖵	<u> </u>
233	02-SUBS		Storm Drain Tap Into Existing Storm Drain Inlet 16th Ave (limited to one pipe crew from chosen sub, so prioritized Colfax & Josephine ROW work and then followed with storm work.If 2nd pipe crew becomes available, could go concurrent with water line work)	2 days	Wed 10/21/15	Thu 10/22/15	0%:	228,130	234		1	10/21 <u>I</u> S1	torm D
234	02-SUBS		StormTech Outlet From Storm Drain To Storm Tech Chambers Detention	1 day	Fri 10/23/15	Fri 10/23/15	0%	233	235		1	10/23   Si	stormTe
235	02-SUBS		Excavate & Install StormTech Chambers for water quality detention system	10 days	Mon 10/26/15	Fri 11/6/15	0%	234	236	1		0/26 🧯 E	
236	02-SUBS		Install Site Storm Drainage Lines & Inlets (other than rain garden lines & perimeter drains)	7 days			0%:		241,268,238			11/9 👔	
237	02-SUBS		Perimeter drain (prior to backfill) (if ground is frozen, wait a few weeks to perform work in Spring)	5 days			0%		335			2	2/18 👔 P
238	02-SUBS		Landscape drains & inlets (after building backfill)	8 days				days	985				
239 240	02-SUBS 02-SUBS		Rain garden drains (after backfill & overlot grading)	10 days			0%	338,973SS+5 days	985			40/04	_
240	02-SUBS		Parking Lot Construction (initial work is encroaching into winter now) Layout Curb & Gutter	77 days 5 days				236,117	242SS+1 day,243,244	ġ		1	Layo
242	02-SUBS		Install Site Electrical Underground	10 days				241SS+1 day	243SS,245			-	1nst
243	02-SUBS		Install Irrigation Sleeves Parking Lot	10 days	Mon 12/28/15	Fri 1/8/16	0%	241,242SS	245	1		12/28	3 💧 Inst
244	02-SUBS		Fine Grade For Curb & Gutter (tasks from here forward are weather dependent and may slide closer to spring)	8 days				241SS+1 day	245SS+1 day,246				( Fine
245	02-SUBS		Form, Pour & Finish Curb & Gutter	10 days					246SS+10 days,247			8	1 🛛 Foi
246 247	02-SUBS 02-SUBS		Prep, Form & Pour Street Access Crosspans Install Site Lighting Bases	15 days 8 days			0%	245SS+10 days,244	251 248SS+4 days,249			-	25 🧧 Pi 25 👔 Ins
248	02-SUBS		Fine Grade Parking Lot	3 days				247SS+4 days	249	1		8	29   Fir
249	02-SUBS		Install First Lift Of Asphalt Paving (move to spring as asphalt plants would be closed in winter)	5 days	Wed 3/16/16	Tue 3/22/16	0%	248,247,184	250				3/16 👔
250	02-SUBS		Back Up C&G At Parking Lot	5 days	Wed 3/23/16	Tue 3/29/16	0%	249	252				3/23
251	02-SUBS		Prep, Form & Place Sidewalks At ROW	12 days	Mon 2/15/16	Tue 3/1/16	0%	246	252			2	2/15 🔋 F
252	02-SUBS		Patch Asphalt / Concrete At ROW To Existing Street Tie-Ins	5 days				251,250	971				3/30
253	02-SUBS	_	3rd Party Utility Work	113 days			0%		055		8/17	87	<b>-</b> 3r
254 255	02-XCEL ENERGY 02-XCEL ENERGY		Gas service engineering by Xcel Xcel subcontractor(s) install gas service	20 days 10 days			0%	201,254	255 527,357			i 🧧 Gas 125 👔 Xc	
256	02-SUBS		Tele/data & Cable TV two empty 4" conduit installation by A&P's electrical sub	10 days				201,65,66	257,258			9/12 0 Te	
257	00-CACD		Tele/data Fiber service feeds to building by CCD (or their chosen provider)	10 days	Mon 10/26/15	Fri 11/6/15	0%	201,256	527,357,524,523,522		K	0/26 🔋 T	Tele/da
258	02-CENTURY		Cable TV service feeds to building by Century Link	10 days				201,256	527,357			0/26 ן C	
259 260	02-XCEL ENERGY 02-XCEL ENERGY		Xcel Energy engineering work for electrical service Xcel subcontractor(s) install electrical to transformer & set transformer	40 days 15 days			0%	67 259,201	260 261SS+5 days,519,35	-		7 👝 Xc 9/12 👩 X	
261	02-SUBS		Electrical ductbank/concrete encasement installation by electrical sub	10 days				64,260SS+5 days,16					Elec
262	02-SUBS		Pull electrical feeders from transformer to electrical rm	10 days			0%		518,336	1		-	7 👩 Pul
263	02-SUBS		BUILDING CONSTRUCTION	389 days	Tue 9/22/15	Fri 3/17/17	0%				9/2	2	<u> </u>
264	02-SUBS		FOUNDATIONS & SUBSTRUCTURE	271 days			0%					2 🖵	—
265	02-SUBS		BUILDING DEEP FOUNDATION SYSTEM (middle to later stages of this process at risk of going into winter conditions)	190 days	Tue 9/22/15	Mon 6/13/16	0%				9/2	22 <b>—</b>	
266	00-AHJ		Dewatering permitting application & review process with City & State	15 days		Mon 10/12/15	0%		267 276	-		22 🧧 De	
267 268	00-AHJ 02-SUBS	M/S	Dewatering permit received Deep Foundation Installation at Pool Mechanical, surge tank & along 2 line from E to I (Dril Rig #1)-figure average of 6 piers per day with down time for weather & rig	0 days 4 days		Mon 10/12/15 Mon 11/23/15	0%	200 173,132,133,134,192				0 12 🔶 D 11/18 🚦	
	00 01/100		maintenance)-21 piers	<b>5</b> days	T 440445	- No 44/00/45	00/		001 071 070			44/24 -	Daam
269 270	02-SUBS 02-SUBS		Deep Foundation Installation Locker Room (Drill Rig #1)-26 piers Excavate down to a bench elevation to drill lap pool foundations from a level grade through	5 days 1 day		Mon 11/30/15 Tue 11/24/15	0%		281,271,272 271			11/24 11/24	5 E .
210	02-0000		some overburden (due to slope of pool bottom transition from shallow to deep water)	1 day	100 11/24/10	10011124/10	070.	200	211				
271	02-SUBS		Deep Foundation Installation Lap Pool (Drill Rig #1)-68 piers	12 days	Tue 12/1/15	Wed 12/16/15	0%	269,270	282			12/1 (	0 Deep
272	02-SUBS		Deep Foundation Installation Leisure Pool & Silde Supports (Drill Rig #2)-45 piers, + 1 pier for steel column & maybe 2 to 4 more piers for slide supports	9 days			0%		273,283			2	Deep
	02-SUBS		Deep Foundation Installation Entry, Office, Child Care & south end of structure (Drill Rig	6 days	Mon 12/14/15	Mon 12/21/15	0%	272	284,274,276			12/14	Deep
273	02-0000												
273	02-SUBS		#2)-32 piers Excavate perimeter bench down to prepare for soil nail retention system	4.4-	Tue 12/22/15	Fri 12/25/15	0%	070	275			40/00	Exca

Quart 3rd Quart 1st Quart 3rd Quart 1/2" water line into site for future retail building disconnect Valve #1 from the east end of site fire line into site for future retail building from disconnect Valve #2 from east end of site water line into site from disconnect Valve #3 from the east end of site ater line into site to west hydrant in Colfax from disconnect Valve #4 from east end of site " PVC line from Colfax main to starting point in Josephine from d Valve #5 from east end of site Side Walk & Gutter at Colfax Paving At East Colfax Avenue Colfax lane(s) that were closed for utility installat Josephine to all traffic & detour around site new water line from north Josephine down to inte ction in Colfax lle of road (about 323 feet of pipe with about 100' per da 3" water Line, 8" x 4" tapping saddle, fire hydrant & line and 8" concrete plug At North Josephine Side Walk & Gutter at Josephine ill & Patch Paving At N Josephine Josephine back for all traffic Bring fire lines & domestic lines in from stubs in Colfax & Josephine to first flange inside building for sprinkler sub & plumbing sub to Complete the installation of the two fire hydrants along Colfax (after foundation walls are constructed Storm Drainage & Storm Tech Chambers & Detention Drain Tap Into Existing Storm Drain Inlet 16th Ave (limited to one pipe crew from chosen sub, so prioritized Colfax & Josephine ROW wo Tech Outlet From Storm Drain To Storm Tech Chambers D vate & Install StormTech Chambers for water quality detention system I Site Storm Drainage Lines & Inlets (other than rain garden lines & per Perimeter drain (prior to backfill) (if ground is frozen, wait a few weeks to perform work in Spring) 1/3 Landscape drains & inlets (after building backfill) 1/3 g Rain garden drains (after backfill & overlot grading) Parking Lot Con tion (initial work is encroaching into y yout Curb & Gutter stall Site Electrical Undergro stall Irrigation Sleeves Parking Lot ine Grade For Curb & Gutter (tasks from here forward are weather dependent and may slide closer to spring) orm, Pour & Finish Curb & Gutter Prep, Form & Pour Street Access Crosspans Install Site Lighting Bases Fine Grade Parking Lot Install First Lift Of Asphalt Paving e to spring as asphalt pl ants would be closed in winter Back Up C&G At Parking Lot Prep, Form & Place Sidewalks At ROW Patch Asphalt / Concrete At ROW To Existing Street Tie-Ins 3rd Party Utility Work vice engineering by Xcel bcontractor(s) install gas service lata & Cable TV two empty 4" conduit installation by A&P's electrical sub data Fiber service feeds to building by CCD (or their chosen provider) e TV service feeds to building by Century Link ergy engineering work for electrical service subcontractor(s) install electrical to transformer & set transfo lectrical ductbank/concrete encasement installation by electrical sub Pull electrical feeders from transformer to electrical rm FOUNDATIONS & SUBSTRUCTURE BUILDING DEEP FOUNDATION SYSTEM (middle to later stages of this process at risk of going into winter co ring permitting application & review process with City & State ering permit received Foundation Installation at Pool Mechanical, surge tank & along 2 line from E to I (Drill Rig #1)-(figure average of 6 piers per day with do Foundation Installation Locker Room (Drill Rig #1)-26 piers avate down to a bench elevation to drill lap pool foundations from a level grade through some overburden (due to slope of pool bottom tra ep Foundation Installation Lap Pool (Drill Rig #1)-68 piers ep Foundation Installation Leisure Pool & Slide Supports (Drill Rig #2)-45 piers, + 1 pier for steel column & maybe 2 to 4 more piers for si ep Foundation Installation Entry, Office, Child Care & south end of structure (Drill Rig #2)-32 piers cavate perimeter bench down to prepare for soil nail retention system

irt a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart	1st JanM
lay	of product	ion)										
cc	onnect to (a	fter founda	tion walls a	ire constru	cted)							
orl	c and then f	folllowed w	ith storm w	ork.lf 2nd j	bipe crew b	ecomes av	ailable, cou	ıld go conc	urrent with	water line	work)	
wr	time for w	eather & ri	g maintenai	nce)-21 pie	rs							
rai	nsition from	n shallow to	o deep wate	r)								
	o ou											
siid	e supports											
												1

CITY AND COUNTY OF DENVER / DENVER PARKS & RECREATION DISTRICT

07-10-15 PRELIMINARY SCHEDULE FOR RELEASE WITH BP #1 GMP & 100% DD's FOR BP #2

#### EXHIBIT \_\_\_\_ - PROJECT SCHEDULE CENTRAL DENVER RECREATION CENTER

			CENTRAL DENVER RECREA							CREATION CENTER		EATION CENTER				
ID		Task Name	Duration	Start		% Comp Predecessors	Successors	3rd Quart 1st Qu Jul e o JanMa	uart 3rd Quar a a Jul e	art 1st Quart 3rd Quart 1st Quart o JanMa a Jul e o JanMa a	3rd Quart Ist Quart 3rd Quart Ist Quart 3rd Quart Ist Quarte 3rd Quart Ist Quart 1st Quart 1st Quart 1st Quart 1 Jul e o Jan Ma ja Jul e o Jan a ja Jul e o Jan Ma a Jul e o Jan Ma a Jul e o Jan Ma ja Jul e o Jan Ma ja Jul e o	Brd Quart				
75 76	02-SUBS 02-SUBS	Soil nailing & shotcrete work for retention system on Josephine & Colfax	8 days	Mon 12/28/15	Wed 1/6/16 Mon 12/28/15	0% 274,126 0% 191,267,273	280,281,282,283,284									
, I	02-3083	Put dewatering measures in place (well points, header pipes, carbon filtration systems, Sodium Hypochlorite injection, etc. as determined by Environmental Consultant & CDHPE		Tue 12/22/15	WOT 12/20/15	0% 191,207,273	211		12/22	22 Put dewatering measures in pla	e (well points, header pipes, carbon filtration systems, Sodium Hypochlorite injection, e	ic. as dele				
		& OPC recommendations)														
7	02-SUBS	Draw down water table & tune dewatering system	7 days	Tue 12/29/15		0% 276 0% 280SS,277SS	278SS,280 312FF,279			29 Draw down water table & tune d						
°	02-SUBS	Dewatering system in operation & being monitored/maintained 24/7 from time surge tank/pump excavation commences until lap pool walls are backfilled)	105 days	Thu 1/7/16	Wed 6/1/16	0% 28055,27755	312FF,279		1/	1// Dewatering system in a	pperation & being monitored/maintained 24/7 from time surge tank/pump excavation con	nmences u				
9	02-SUBS	Allow for close to 2 weeks overrun on use of dewatering system due to any minor delays &	k 8 days	Thu 6/2/16	Mon 6/13/16	0% 278	312			6/2 Allow for close to 2 w	eks overrun on use of dewatering system due to any minor delays & potential weather i	mpacts (sy				
		potential weather impacts (system being rented for about 120 work days/180 calendar total)														
	00.01100	, Evenuellen Fra Dael Machaelael 0 Underdeele Overe Die	0.45.5	Thu: 4/7/40	Mag 4/44/0	00/ 000 075 077	000.07000			4/7 T Evenuetion For Deal Machania	L & Understanding Commun Dia					
	02-SUBS 02-SUBS	Excavation For Pool Mechanical & Underdrain Sump Pit Excavate Locker Room & FLR Area Foundation	3 days 5 days	Thu 1/7/16 Thu 1/7/16		0% 268,275,277 0% 269,125,127,180,	286,278SS 275 294	-	1.2	1/7 Excavation For Pool Mechanica 1/7 Excavate Locker Room & FLR						
2	02-SUBS	Excavate Lap Pool Foundation	5 days	Thu 1/7/16		0% 271,275	283,305		1.1	1/7 Excavate Lap Pool Foundation						
3	02-SUBS	Excavate Leisure Pool Foundation	5 days	Thu 1/14/16	Wed 1/20/16	0% 272,282,275	284,317			/14 Excavate Leisure Pool Founda						
4	02-SUBS	Excavate Party Room, Elevator Pit, Stair Towers, Life Guard Room Foundation	5 days	Thu 1/21/16	Wed 1/27/16	0% 273,283,275	297		1/	1/21 Excavate Party Room, Elevato	Pit, Stair Towers, Life Guard Room Foundation					
5	02-SUBS	FOUNDATION WALLS & GRADE BEAMS (all this work is high risk as it will be happening during winter months-added 3 days to critical path activities for the higher risk work & schedule start shift)	49 days	Tue 1/12/16	Fri 3/18/16	0%			1/12	12 TOUNDATION WALLS & G	RADE BEAMS (all this work is high risk as it will be happening during winter months-ad	ded 3 days				
_	02-SUBS	Install Sume Dume Di Deal Maskanian	2 days	Tue 1/10/16	Thu: 1/14/16	0% 200 146	287		4/4	1/42 T Install Cump Dump Dit Daal Ma						
5 7	02-SUBS	Install Sump Pump Pit Pool Mechanical Place Footing Slab At Pool Pump Pit Lid & Surge Tank Pad	3 days 6 days	Tue 1/12/16 Fri 1/15/16	Thu 1/14/16 Fri 1/22/16	0% 280,146 0% 286	287	1	1.0	/12 TInstall Sump Pump Pit Pool Me						
в	02-SUBS	Layout Pit & Tank Walls	1 day	Mon 1/25/16		0% 287	289		8.5	1/25 Layout Pit & Tank Walls						
9	02-SUBS	Form Rebar Place Walls Pump Pit & Surge Tank Walls	10 days	Tue 1/26/16		0% 288	290,294		100	1/26 🧯 Form Rebar Place Walls Pum						
0	02-SUBS	Cure Time Pump Pit / Surge Tank Walls	7 days	Tue 2/9/16		0% 289	291		1.1	2/9 Cure Time Pump Pit / Surge						
1	02-SUBS 02-SUBS	Install Piping From Surge Tank And Pump Pit To Lap Pool Deck Area Intall Piping From Surge Tank & Pump Pit To Leisure Pool To Lap Pool Deck Area	6 days 6 days	Thu 2/18/16 Fri 2/26/16	Thu 2/25/16 Fri 3/4/16	0% 290	292	_	1.1		nk And Pump Pit To Lap Pool Deck Area k & Pump Pit To Leisure Pool To Lap Pool Deck Area					
2	02-SUBS	Back Fill Surge Tank Pump Pit Area	5 days	Mon 3/7/16	Fri 3/11/16	0% 292	293	-		3/7 Back Fill Surge Tank Pump						
	02-SUBS	Form Rebar Place Locker Room & Family Locker Room Foundations	7 days	Tue 2/9/16		0% 281,289,150	335,296,237	1			om & Family Locker Room Foundations					
5	02-SUBS	Form Rebar Place Foundation At Pool Mechanical Area Foundation	5 days	Mon 3/14/16		0% 293	336,299,407				on At Pool Mechanical Area Foundation					
6 7	02-SUBS 02-SUBS	Form Rebar Place Elevator Pit Foundation Form Rebar Place Party Room, Stair Towers, Life Guard Room Foundation	5 days	Thu 2/18/16 Thu 2/25/16	Wed 2/24/16 Mon 3/7/16	0% 294	297 357	-	12	2/18 Form Rebar Place Elevator P	it Foundation m, Stair Towers, Life Guard Room Foundation					
8	02-SUBS	STRUCTURAL LAP POOL SHELL, UDNER DRAIN & PIPING	8 days 73 days	Mon 3/21/16		0% 296,284	357	-	8.4		POOL SHELL, UDNER DRAIN & PIPING					
9	02-SUBS	Excavate Lap Pool Dive Well & Under Drain	3 days	Mon 3/21/16		0% 295,119	300			3/21 I Excavate Lap Pool Dive We						
00	02-SUBS	Install Under Drain Piping & Main Drain Piping Lap Pool	5 days	Thu 3/24/16		0% 299	301			3/24 🚦 Install Under Drain Piping	& Main Drain Piping Lap Pool					
01	02-SUBS	Excavate Balance Of Lap Pool	3 days	Thu 3/31/16		0% 300	302			3/31 [ Excavate Balance Of Lap I						
02	02-SUBS 02-SUBS	Intall Return Water Lines At Lap Pool Floor Form & Rebar Lap Pool Floor	4 days 6 days	Tue 4/5/16 Thu 5/5/16	Fri 4/8/16 Thu 5/12/16	0% 301	303,360 304			4/5 Intall Return Water Lines						
4	02-SUBS	Install Electrical Grounding Lap Pool Floor	2 days	Fri 5/13/16		0% 303	305			5/13 T Install Electrical Ground						
5	02-SUBS	Place Lap Pool Floor	3 days	Tue 5/17/16	Thu 5/19/16	0% 304,282	306			5/17 I Place Lap Pool Floor						
6	02-SUBS	Install Exterior Lap Pool Wall Forms	5 days	Fri 5/20/16		0% 305	307			5/20 👔 Install Exterior Lap Poo						
7 B	02-SUBS	Install Lap Pool Wall Rebar	5 days	Fri 5/27/16 Fri 6/3/16	Thu 6/2/16 Tue 6/7/16	0% 306	308			5/27 Install Lap Pool Wall R						
> 	02-SUBS	Install Wall Lap Pool Inserts and Achors Install Grounding At Lap Pool Walls	3 days 3 days	Wed 6/8/16	Fri 6/10/16	0% 308	310			6/3 Install Wall Lap Pool Ir 6/8 Install Grounding At L						
	02-SUBS	Shotcrete Lap Pool Walls	2 days	Mon 6/13/16		0% 309	311			6/13 I Shotcrete Lap Pool W						
1	02-SUBS	Tie In Piping From Lap Pool To Lap Pool Piping From Pool Mechanical	7 days	Wed 6/15/16	Thu 6/23/16	0% 310	312			6/15 👔 Tie In Piping From La	p Pool To Lap Pool Piping From Pool Mechanical					
2	02-SUBS	Back Fill Lap Pool Structural Shell	4 days	Fri 6/24/16		0% 311,278FF,279	314,567,485			6/24 Back Fill Lap Pool St						
3	02-SUBS	STRUCTURAL LEISURE POOL SHELL, UDNER DRAIN & PIPING Excavate Leisure Pool and Under Drain	69 days 3 days	Thu 6/30/16 Thu 6/30/16		0% 0% 312	315			6/30 Excavate Leisure Po	LEISURE POOL SHELL, UDNER DRAIN & PIPING					
5	02-SUBS	Install Under Drain Piping & Main Drain Piping Leisure Pool	6 days	Tue 7/5/16		0% 314	316			T 1	iping & Main Drain Piping Leisure Pool					
6	02-SUBS	Intall Return Water Lines At Leisure Pool Floor	4 days	Wed 7/13/16	Mon 7/18/16	0% 315	317			7/13 👔 Intall Return Water I	ines At Leisure Pool Floor					
7	02-SUBS	Form & Rebar Leisure Pool Floor	6 days	Tue 7/19/16		0% 316,283	318			7/19 👔 Form & Rebar Leisu						
8	02-SUBS 02-SUBS	Install Electrical Grounding Leisure Pool Floor Place Leisure Pool Floor & Zero Beach Entry	2 days 3 days	Wed 7/27/16 Fri 7/29/16	Thu 7/28/16 Tue 8/2/16	0% 317 0% 318	319 320			7/27 I Install Electrical Gr 7/29 Place Leisure Pool						
0	02-SUBS	Install Leisure Pool Wall Forms One Side	5 days	Wed 8/3/16	Tue 8/9/16	0% 319	321			8/3 Install Leisure Poo						
1	02-SUBS	Install Leisure Pool Wall Rebar	5 days	Wed 8/10/16	Tue 8/16/16	0% 320	322			8/10 Install Leisure Poo						
2	02-SUBS	Install Wall Leisure Pool Inserts and Achors	3 days	Wed 8/17/16	Fri 8/19/16	0% 321	323			8/17 Install Wall Leisur						
3	02-SUBS 02-SUBS	Install Grounding At Leisure Pool Walls Shotcrete Leisure Pool Walls	3 days	Mon 8/22/16	Wed 8/24/16	0% 322 0% 323	324 325	-		8/22 I Install Grounding						
5	02-SUBS	Tie In Piping From Leisure Pool To Leisure Pool Piping From Pool Mechanical	2 days 7 days	Thu 8/25/16 Mon 8/29/16	Fri 8/26/16 Tue 9/6/16	0% 323	325			8/25 I Shotcrete Leisure 8/29 a Tie In Piping Fro	Pool waiis n Leisure Pool To Leisure Pool Piping From Pool Mechanical					
6	02-SUBS	Back Fill Leisure Pool Structural Shell	4 days	Wed 9/7/16	Mon 9/12/16	0% 325	327	1		9/7 Back Fill Leisure						
7	02-SUBS	Layout Pool Slide Leisure Pool	2 days	Tue 9/13/16	Wed 9/14/16	0% 326	328	1		9/13 I Layout Pool Slid						
8	02-SUBS	Excavate Pool Slide Foundation Leisure Pool	3 days	Thu 9/15/16	Mon 9/19/16	0% 327	329				lide Foundation Leisure Pool					
9	02-SUBS 02-SUBS	Install Pool Slide Foundations Leisure Pool	5 days	Tue 9/20/16		0% 328 0% 329SS	330SS,333 331SS,333	-			e Foundations Leisure Pool					
J	02-SUBS	Install Pool Slide Run Out Leisure Pool	5 days 5 days	Tue 9/20/16 Tue 9/20/16		0% 329SS 0% 330SS	331SS,333 332	-			e Run Out Leisure Pool					
	02-SLIBS	Install Pool Slide Grounding Leisure Pool	J uays	Tue 9/20/16 Tue 9/27/16		0% 331	333	1			Pool Slide Leisure Pool					
	02-SUBS 02-SUBS	Install Pool Slide Grounding Leisure Pool R/I Pool Piping Pool Slide Leisure Pool	3 days	106 9/2//10			591	1								
1 2 3		-		Fri 9/30/16	Tue 10/4/16	0% 332,329,330					ide Foundations Leisure Pool					
	02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool BackFill Pool Slide Foundations Leisure Pool FOUNDATION BACKFILL & PERIMITER DRAIN	3 days 3 days 25 days		Wed 3/30/16	0%			88	2/25 TOUNDATION BACKFILL	& PERIMITER DRAIN					
1 2 3 4 5	02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool     BackFill Pool Slide Foundations Leisure Pool     FOUNDATION BACKFILL & PERIMITER DRAIN     Backfill Locker Room & FLR Foundations	3 days 3 days 25 days 8 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16	Wed 3/30/16 Mon 3/7/16	0% 0% 294,237	340,230SS,207SS		88	2/25 TOUNDATION BACKFILL 2/25 Backfill Locker Room & FLR	& PERIMITER DRAIN					
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool         BackFill Pool Slide Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations	3 days 3 days 25 days 8 days 3 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16	Wed 3/30/16 Mon 3/7/16 Wed 3/23/16	0% 0% 294,237 0% 295,262	337		88	2/25 TOUNDATION BACKFILL 2/25 Backfill Locker Room & FLF 3/21 Backfill Pool Mechanical A	& PERIMITER DRAIN Foundations rea Foundations					
	02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool         BackFill Pool Slide Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Elevator Pit Foundation	3 days 3 days 25 days 8 days 3 days 3 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16	Wed 3/30/16 Mon 3/7/16 Wed 3/23/16 Mon 3/28/16	0% 0% 294,237			88	2/25 E FOUNDATION BACKFILL 2/25 Backfill Locker Room & FLF 3/21 I Backfill Pool Mechanical A 3/24 I Backfill Elevator Pit Found	& PERIMITER DRAIN Foundations rea Foundations ation					
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Party Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)	3 days 3 days 25 days 8 days 3 days 3 days 2 days 57 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/8/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 5/25/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0%	337 338		88	2/25 CONDATION BACKFILL 2/25 Backfill Locker Room & FLR 3/21 Backfill Pool Mechanical A 3/24 Backfill Elevator Pit Found 3/29 Backfill Party Room, Stair 3/8 SLAB ON GRADE (ear	& PERIMITER DRAIN Foundations ea Foundations ation Fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts)					
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Elevator Pit Foundation         Backfill Patry Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls	3 days 3 days 25 days 8 days 3 days 2 days 57 days 3 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/29/16 Tue 3/8/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 5/25/16           Thu 3/10/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0% 0% 337.	337 338 357,238,239 341	-	88	2/25 DOUNDATION BACKFILL 2/25 Dackfill Locker Room & FLE 3/21 T Backfill Pool Mechanical A 3/24 T Backfill Pool Mechanical A 3/29 T Backfill Party Room, Stair 3/8 Layout Interior Locker Room	& PERIMITER DRAIN Foundations ea Foundations ation Fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) 1 & Family Walls					
1       2       3       4       5       6       7       8       9       1	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool         BackFill Pool Slide Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Elevator Pit Foundation         Backfill Party Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR	3 days 3 days 25 days 8 days 3 days 2 days 57 days 3 days 11 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/29/16 Tue 3/8/16 Fri 3/11/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 5/25/16           Thu 3/10/16           Fri 3/25/16	0% 0% 294.237 0% 295.262 0% 336 0% 337 0% 335.207 0% 340	337 338 357,238,239 341 342SS+7 days,344,343	-	88	2/25 TOUNDATION BACKFILL 2/25 Backfill Cocker Room & FLD 3/21 I Backfill Pool Mechanical A 3/24 I Backfill Port Pir Found 3/29 I Backfill Party Room, Stair 3/8 SLAB ON GRADE (ear 3/8 Layout Interior Locker Roor 3/1 Under Ground Plumbing Li	& PERIMITER DRAIN Foundations rea Foundations fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) 1 & Family Walls 2 & Family LR					
1       2       33       4       55       66       7       8       9       1       2	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Elevator Pit Foundation         Backfill Patry Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls	3 days 3 days <b>25 days</b> 8 days 3 days 2 days <b>57 days</b> 3 days <b>57 days</b> 3 days 57 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/29/16 Tue 3/8/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 5/25/16           Thu 3/10/16           Fri 3/25/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0% 0% 337.	337 338 357,238,239 341		88	2/25 TOUNDATION BACKFILL 2/25 @ Backfill Locker Room & FLF 3/21   Backfill Pol Mechanical A 3/24   Backfill Party Room, Stair 3/29   Backfill Party Room, Stair 3/8 J Layout Interior Locker Room 3/8   Layout Interior Locker Room 3/11 @ Under Ground Plumbing LI 3/22   Under Ground Plumbing LI	& PERIMITER DRAIN Foundations rea Foundations fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) 1 & Family Walls 2 & Family LR					
1       2       33       4       55       66       7       88       99       01       1       22       33	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Slide Leisure Pool         BackFill Pool Slide Foundations Leisure Pool         FOUNDATION BACKFILL & PERMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pool Mechanical Area Foundations         Backfill Plant Version         Backfill Pool Kerk Room & FLR Foundation         Backfill Pool Kerk Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR         Under Ground Electrical LR & Family LR	3 days 3 days 25 days 8 days 3 days 3 days 2 days 57 days 3 days 11 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/8/16 Fri 3/11/16 Tue 3/22/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 3/30/16           Thu 3/10/16           Fri 3/25/16           Mon 3/28/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0% 0% 335,207 0% 340 0% 341SS+7 days	337 338 357,238,239 341 342SS+7 days,344,343 344		88	225 DOUNDATION BACKFILL 225 D Backfill Locker Room & FLR 321 I Backfill Pool Mechanical A 3/24 I Backfill Perty Room, Stair 3/29 I Backfill Perty Room, Stair 3/8 SLAB ON GRADE (ear 3/8 Layout Interior Locker Roo 3/11 0 Under Ground Plumbing Ll 3/22 I Under Ground Plumbing Ll 3/216 0 Underground 48" HDPE re	& PERIMITER DRAIN Foundations ea Foundations ation fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) 1 & Family Walls & & Family LR ? & Family LR					
1       2       3       4       5       6       7       8       9       0       1       2       3       4       5	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pool Mechanical Area Foundations         Backfill Elevator Pit Foundation         Backfill Elevator Pit Foundation         Backfill Elevator Pit Foundation         Backfill Pool Mechanical Area Foundations         Backfill Party Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR         Under Ground Electrical LR & Family LR         Underground 48" HDPE return/exhaust duct under corridor LR & Family RR         Inspect Under Ground Plumbing, Duct & Electrical LR & FLR         Grade Locker Rooms & Family For Slab On Grade	3 days 3 days 25 days 8 days 3 days 2 days 57 days 57 days 11 days 5 days 10 days 4 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/8/16 Fri 3/11/16 Wed 3/20/16 Wed 3/30/16 Tue 4/5/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/30/16           Wed 5/25/16           Thu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tu 3/29/16           Fri 4/8/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0% 335,207 0% 341SS+7 days 0% 341SS+3 days 0% 344,341,343 0% 344	337 338 357,238,239 341 342SS+7 days,344,343 344 344 345 346		88	2/25 www FOUNDATION BACKFILL 2/25 g Backfill Cocker Room & FLF 3/21 I Backfill Pool Mechanical A 3/24 I Backfill Pool Mechanical A 3/24 I Backfill Party Room, Stair 3/8 www SLAB ON GRADE (ear 3/8 Layout Interior Locker Roor 3/11 g Under Ground Plumbing Ll 3/22 I Under Ground Plumbing Ll 3/22 I Under Ground Plumbing Ll 3/22 I Under Ground Plumbing Ll 3/23 I Inspect Under Ground 48" HDPE er 3/30 I Inspect Under Ground 48" HDPE er 3/30 I Inspect Under Ground 49" HDPE er	& PERIMITER DRAIN Foundations ea Foundations tion fovers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) * & Family Walls & Family LR & Family LR & Family LR ming, Duct & Electrical LR & FLR mily For Slab On Grade					
31         32           32         33           34         35           36         37           38         39           40         33           11         12           133         14           155         14           155         14	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pervice Room, Stair Towers, Life Guard Room Foundation         Backfill Party Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR         Under Ground Electricai LR & Family LR         Under Ground Al <sup>®</sup> HDPE returnivexhaust duct under corridor LR & Family RR         Inspect Under Ground Plumbing, Duct & Electricai LR & FLR         Grade Locker Rooms & Family For Slab On Grade         Prep SOG Pour Locker Rooms & Family LR	3 days 3 days 25 days 8 days 3 days 2 days 2 days 57 days 3 days 11 days 5 days 10 days 4 days 4 days 6 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/29/16 Tue 3/29/16 Tue 3/21/16 Tue 3/22/16 Wed 3/16/16 Wed 3/30/16 Mon 4/11/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/28/16           Wed 3/28/16           Thu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tue 3/29/16           Mon 3/28/16           Fri 3/25/16           Fri 4/8/16	0% 0% 24,237 0% 295,262 0% 336 0% 337 0% 341SS+7 days 0% 341SS+7 days 0% 341SS+7 days 0% 341SS+3 days 0% 344 0% 344	337 338 357,238,239 341 342SS+7 days,344,343 344 344 345 345 346 346 347		88	225 DALL STORM STATES AND A STA	& PERIMITER DRAIN Foundations ea Foundations ation Towers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) a & Family Walls & & Family LR & Family LR & Family LR at Family LR the family LR bing, Duct & Electrical LR & FLR mibing, Duct & Electrical LR & FLR mibing For Side On Grade borns & Family LR					
i1       i2       i3       i4       i5       i6       i7       i8       i9       0       11       22       i3       4       5       6       -7	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Docker Room & FLR Foundations         Backfill Pool Mechanical Area Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR         Under Ground Electrical LR & Family LR         Under Ground 48" HDPE return/exhaust duct under corridor LR & Family RR         Inspect Under Ground Plumbing, Duct & Electrical LR & FLR         Grade Locker Room & Family For Slab On Grade         Prep SOC Pour Locker Room & Family LR SOG	3 days 3 days 25 days 8 days 3 days 2 days 57 days 57 days 11 days 5 days 10 days 4 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Thu 2/25/16 Thu 3/24/16 Thu 3	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/2/16           Wed 3/30/16           Wed 3/30/16           Thu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tu 3/29/16           Mon 4/4/16           Fri 4/8/16           Mon 4/18/16           Mon 4/25/16	0% 0% 294,237 0% 295,262 0% 336 0% 337 0% 335,207 0% 340 0% 341S\$+7 days 0% 341S\$+3 days 0% 341S\$+3 days 0% 344 0% 345 0% 345	337 338 357,238,239 341 342SS+7 days,344,343 344 344 345 346		88	225 DATE ON THE ACTION BACKFILL 225 Backfill Locker Room & FLF 321 J Backfill Bocker Room & FLF 322 J Backfill Elevator Pit Found 329 J Backfill Party Room, Stair 3/8 SLAB ON GRADE (ear 3/8 J Layout Interior Locker Room 3/11 Q Under Ground Plumbing LI 3/22 J Under Ground Plumbing LI 3/22 J Under Ground Plumbing LI 3/22 J Under Ground Plumbing LI 3/23 J Inspect Under Ground Plu 4/5 J Grade Locker Room & FE 4/11 J Prep SOG Pour Locker R 4/19 J Place & Finish Locker R	& PERIMITER DRAIN Foundations ea Foundations ation fowers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) 1 & Family Walls & & Family UR & & Family LR at Family LR urn/exhaust duct under corridor LR & Family RR mbing, Duct & Electrical LR & FLR milly For Slab On Grade ooms & Family LR ooms & Family LR					
31         32           32         33           34         55           36         37           377         38           399         30           40         11           122         33           133         144           155         66           177         188           189         10	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	R/I Pool Piping Pool Silde Leisure Pool         BackFill Pool Silde Foundations Leisure Pool         FOUNDATION BACKFILL & PERIMITER DRAIN         Backfill Locker Room & FLR Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pool Mechanical Area Foundations         Backfill Pervice Room, Stair Towers, Life Guard Room Foundation         Backfill Party Room, Stair Towers, Life Guard Room Foundation         SLAB ON GRADE (early stages of this at risk for tail end of winter potential weather impacts)         Layout Interior Locker Room & Family Walls         Under Ground Plumbing LR & Family LR         Under Ground Electricai LR & Family LR         Under Ground Al <sup>®</sup> HDPE returnivexhaust duct under corridor LR & Family RR         Inspect Under Ground Plumbing, Duct & Electricai LR & FLR         Grade Locker Rooms & Family For Slab On Grade         Prep SOG Pour Locker Rooms & Family LR	3 days 3 days 25 days 8 days 3 days 2 days 57 days 57 days 5 days 10 days 4 days 6 days 6 days 5 days	Fri 9/30/16 Thu 2/25/16 Thu 2/25/16 Mon 3/21/16 Thu 3/24/16 Tue 3/29/16 Tue 3/29/16 Tue 3/29/16 Tue 3/21/16 Tue 3/22/16 Wed 3/16/16 Wed 3/30/16 Mon 4/11/16	Wed 3/30/16           Mon 3/7/16           Wed 3/23/16           Mon 3/2/16           Wed 3/23/16           Wed 3/30/16           Wed 3/30/16           Wed 5/25/16           Thu 3/10/16           Fri 3/25/16           Mon 3/28/16           Tu 3/29/16           Mon 4/4/16           Fri 4/8/16           Mon 4/18/16           Mon 4/18/16           Wed 4/27/16	0% 0% 24,237 0% 295,262 0% 336 0% 337 0% 341SS+7 days 0% 341SS+7 days 0% 341SS+7 days 0% 341SS+3 days 0% 344 0% 344	337 338 357,238,239 341 342S\$+7 days,344,343 344 344 345 346 347 531,348,549		88	2/25 www FOUNDATION BACKFILL 2/25 g Backfill Locker Room & FLF 3/21 [ Backfill Elevator Pir Found 3/29 ] Backfill Elevator Pir Found 3/29 ] Backfill Party Room, Stair 3/8 www.stair 3/8 k Layout Interior Locker Roor 3/11 @ Under Ground Plumbing Ll 3/16 @	& PERIMITER DRAIN Foundations ea Foundations ation Towers, Life Guard Room Foundation y stages of this at risk for tail end of winter potential weather impacts) a & Family Walls & & Family LR & Family LR & Family LR at Family LR the family LR bing, Duct & Electrical LR & FLR mibing, Duct & Electrical LR & FLR mibing For Side On Grade borns & Family LR					



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	uart o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart 1 Jul e o Ja	st nM
	ts (s	ystem beir	ng rented fo	r about 120	) work days	/180 calen	dar total)							
	uay	s to critica	i patri activi	ues for the	nigher risk	work a sc	neuule star	t snin)						
07-10-15 PRELIMINARY SCHEDULE														
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#### BARKER RINKER SEACAT ARCHITECTURE

#### EXHIBIT \_\_\_\_\_ - PROJECT SCHEDULE CENTRAL DENVER RECREATION CENTER

							CENT	RAL DENVER F	RECF	EATION CENTER	
ID	RESP .E	STON Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart 1st Quart 3rd	d Quart	tst Quart. 3rd Quart. 1 st Quart. 3rd Struct. 3rd Quart. 3rd Q	1st (
351	02-SUBS	Fine Grade SOG Party Room, Stair Towers, Life Guard Room Foundation	5 days	Thu 5/5/16	Wed 5/11/16	0% 350	352			5/5 Fine Grade SOG Party Room, Stair Towers, Life Guard Room Foundation	Jan
352	02-SUBS	Prep SOG Party Room, Stair Towers, Life Guard Room Foundation	5 days	Thu 5/12/16	Wed 5/18/16	0% 351	353			5/12   Prep SOG Party Room, Stair Towers, Life Guard Room Foundation	
353	02-SUBS	Place SOG Party Room, Stair Towers, Life Guard Room Foundation	5 days	Thu 5/19/16	Wed 5/25/16		633,549,654,661			5/19 Place SOG Party Room, Stair Towers, Life Guard Room Foundation	
354	02-SUBS	SUPERSTRUCTURE	85 days	Thu 3/31/16	Wed 7/27/16	0%					
355	02-SUBS	STRUCTURAL STEEL ERECTION (1st week or two of steel has some winter impact risks)	85 days	Thu 3/31/16	Wed 7/27/16	0%			3/	31 STRUCTURAL STEEL ERECTION (1st week or two of steel has some winter impact risks)	
356	02-SUBS	Structural Steel First Level	6 days	Thu 3/31/16	Thu 4/7/16	0%			3	31 👜 Structural Steel First Level	
357	02-SUBS	Erect Structural Steel LR & FLR Party Room Pool Storage First Level South West	3 davs	Thu 3/31/16	Mon 4/4/16		58.358.370			/31 TErect Structural Steel LR & FLR Party Room Pool Storage First Level South West	
358	02-SUBS	Erect Structural Steel Pool Mechanical Roof & Mechanical Well North	3 days	Tue 4/5/16	Thu 4/7/16		360			4/5 [ Erect Structural Steel Pool Mechanical Roof & Mechanical Well North	
359	02-SUBS	Structural Steel Second Level Floor	8 days	Mon 4/11/16	Wed 4/20/16	0%			4	11 👜 Structural Steel Second Level Floor	
360	02-SUBS	Structural Steel Second Level Gym Group Exercise Cardio Weights South	5 days	Mon 4/11/16	Fri 4/15/16	0% 358,302	361,368			//11 I Structural Steel Second Level Gym Group Exercise Cardio Weights South	
361	02-SUBS	Erect Structural Steel For AHU Second Level North	3 days	Mon 4/18/16	Wed 4/20/16	0% 360	363			4/18 T Erect Structural Steel For AHU Second Level North	
362	02-SUBS	Structural Steel Roof Over Fitness Bath Rms Group Exercise	3 days	Thu 4/21/16	Mon 4/25/16					/21 😈 Structural Steel Roof Over Fitness Bath Rms Group Exercise	
363 364	02-SUBS	Erect Structural Steel Roof At Group Exc. Fitness Bathrooms West	3 days	Thu 4/21/16	Mon 4/25/16		365,654			4/21 ¥ Erect Structural Steel Roof At Group Exc. Fitness Bathrooms West 1/26 👜 Structural Steel Roof At Gym Cardio Weights	
365	02-SUBS 02-SUBS	Structural Steel Roof At Gym Cardio Weights Erect Roof Over Gym & Cardio Weights	7 days 5 days	Tue 4/26/16 Tue 4/26/16	Wed 5/4/16 Mon 5/2/16		366.661			4/26 Erect Roof Over Gym & Cardio Weights	
366	02-SUBS	Erect Frames At Skylights Gym Cardio Weights	2 days	Tue 5/3/16	Wed 5/4/16		303,368			5/3 T Erect Frames At Skylights Gym Cardio Weights	
367	02-SUBS	Structural Steel At Mezzanine Track	7 days	Thu 5/5/16	Fri 5/13/16					5/5 🕎 Structural Steel At Mezzanine Track	
368	02-SUBS	Erect Steel For Running Track Hanging From Roof Steel At Gym Cardio Weights	7 days	Thu 5/5/16	Fri 5/13/16	0% 360,366	370,914SS			5/5 & Erect Steel For Running Track Hanging From Roof Steel At Gym Cardio Weights (assuming Alternate is accepted or infra	astruc
		(assuming Alternate is accepted or infrastructure is required as part of the base GMP									
000	00.01150	Of an a formation of the set of the set	<b>10</b> June	N	T 74040						
369 370	02-SUBS 02-SUBS	Structural Steel Detail Work	42 days	Mon 5/16/16	Tue 7/12/16		371,380,633			5/16 Carl Steel Detail Work	
370	02-SUBS	Detail Work SS First Level South West Detail Work SS Roof Pool Mechanical & Mechanical Well North	4 days 4 days	Mon 5/16/16 Fri 5/20/16	Thu 5/19/16 Wed 5/25/16		371,380,633			5/16 [ Detail Work SS First Level South West 5/20 ] Detail Work SS Roof Pool Mechanical & Mechanical Well North	
371	02-SUBS	Detail Work SS Root Pool Mechanical & Mechanical Wein Holth Detail Work Second Level Gym Floor Fitness Group Exercise South	7 days	Thu 5/26/16	Fri 6/3/16		373			5/26 © Detail Work Second Level Gym Floor Fitness Group Exercise South	
373	02-SUBS	Detail Work Roof At AHU Mechanical Well Second Level North	5 days	Mon 6/6/16	Fri 6/10/16		374			6/6 ] Detail Work Roof At AHU Mechanical Well Second Level North	
374	02-SUBS	Detail Work At West Roof Group Exc. Fitness Bathrooms	4 days	Mon 6/13/16	Thu 6/16/16		375			6/13 ] Detail Work At West Roof Group Exc. Fitness Bathrooms	
375	02-SUBS	Detail Work At Roof Level South	4 days	Fri 6/17/16	Wed 6/22/16		376			6/17 ] Detail Work At Roof Level South	
376	02-SUBS	Detail Work AT Roof Level North	4 days	Thu 6/23/16	Tue 6/28/16		377			6/23 Detail Work AT Roof Level North	
377	02-SUBS	Detail Work At Mezzanine Track (if alternate is accepted)	5 days	Wed 6/29/16	Tue 7/5/16		378,915SS			6/29 Detail Work At Mezzanine Track (if alternate is accepted)	
378 379	02-SUBS 02-SUBS	Erect Railing At Mezzanine Track (if alternate is accepted) Decking At Structural Areas & Roofs	5 days	Wed 7/6/16 Fri 5/20/16	Tue 7/12/16 Wed 7/27/16		915SS,916			7/6 Erect Railing At Mezzanine Track (if alternate is accepted) 5/20 Decking At Structural Areas & Roofs	
379	02-SUBS	Decking First Level South West	49 days 3 days	Fri 5/20/16	Tue 5/24/16	- / *	381,391			5/20 Decking First Level South West	
381	02-SUBS	Decking Roof Pool Mechanical & Mechanical Well North	2 days	Wed 5/25/16	Thu 5/26/16		382			5/25 T Decking Roof Pool Mechanical & Mechanical Well North	
382	02-SUBS	Decking Second Level Gym Floor Fitness Group Exercise South	5 days	Fri 5/27/16	Thu 6/2/16		383			5/27 Decking Second Level Gym Floor Fitness Group Exercise South	
383	02-SUBS	Decking Roof At AHU Mechanical Well Second Level North	2 days	Fri 6/3/16	Mon 6/6/16	0% 382	384			6/3 [ Decking Roof At AHU Mechanical Well Second Level North	
384	02-SUBS	Decking At West Roof Group Exc. Fitness Bathrooms	3 days	Tue 6/7/16	Thu 6/9/16	0% 383	385			6/7 I Decking At West Roof Group Exc. Fitness Bathrooms	
385	02-SUBS	Decking At Roof Level South Over Cardio & Weights	5 days	Fri 6/10/16	Thu 6/16/16	0% 384	386,460,499			6/10 Decking At Roof Level South Over Cardio & Weights	
386	02-SUBS	Decking At Roof Level North Over Gym (last steel item needing crane)	5 days	Thu 7/7/16	Wed 7/13/16		387,460FF+5 days			7/7 Decking At Roof Level North Over Gym (last steel item needing crane)	
387 388	02-SUBS 02-SUBS	Decking At Mezzanine Track (if alternate is accepted)	4 days 6 days	Thu 7/14/16 Wed 7/20/16	Tue 7/19/16 Wed 7/27/16		388,915SS,460FF 915SS,916			7/14   Decking At Mezzanine Track (if alternate is accepted) 7/20   Erect Railing At Mezzanine Track (if alternate is accepted)	
389	02-SUBS	Erect Railing At Mezzanine Track (if alternate is accepted) SLABS ON METAL DECK (appears that all slab work would fit during summer months)	40 days	Wed 7/20/16 Wed 5/25/16	Tue 7/19/16		91555,910			5/25 SLABS ON METAL DECK (appears that all slab work would fit during summer months)	
303	02-0000		40 days	1160 3/23/10	100 1113/10	0,10					
390	02-SUBS	SOMD First Level	13 days	Wed 5/25/16	Fri 6/10/16	0%				5/25 🗰 SOMD First Level	
391	02-SUBS	Inspect Structural Steel & Decking First Level	3 days	Wed 5/25/16	Fri 5/27/16	0% 380	392			5/25 TInspect Structural Steel & Decking First Level	
392	02-SUBS	MEP SOMD Prep First Level	5 days	Mon 5/30/16	Fri 6/3/16		393SS+3 days,394			5/30 T MEP SOMD Prep First Level	
393	02-SUBS	Prep SOMD Pour First Level	4 days	Thu 6/2/16	Tue 6/7/16		394			6/2 Prep SOMD Pour First Level	
394 395	02-SUBS 02-SUBS	Place Slab On Metal Deck First Level SOMD Second Level	3 days	Wed 6/8/16 Mon 6/13/16	Fri 6/10/16 Fri 7/1/16		396,531			6/8 I Place Slab On Metal Deck First Level	
395	02-SUBS	Inspect Structural Steel & Decking Second Level	15 days 3 days	Mon 6/13/16	Wed 6/15/16		397			6/13 www SOMD Second Level 6/13 Tinspect Structural Steel & Decking Second Level	
397	02-SUBS	MEP SOMD Prep Second Level	5 days	Thu 6/16/16	Wed 6/22/16		398			6/16 MEP SOMD Prep Second Level	
398	02-SUBS	Prep SOMD Pour Second Level	3 days	Thu 6/23/16	Mon 6/27/16	0% 397	399			6/23 Prep SOMD Pour Second Level	
399	02-SUBS	Place Slab On Metal Deck Second Level	4 days	Tue 6/28/16	Fri 7/1/16	0% 398	401,683,698,713,728,7	,		6/28 T Place Slab On Metal Deck Second Level	
400	02-SUBS	SOMD Second Level Gym	12 days	Mon 7/4/16	Tue 7/19/16	0%				7/4 🗰 SOMD Second Level Gym	
401	02-SUBS	Inspect Structural Steel & Decking Second Level Gym	3 days	Mon 7/4/16	Wed 7/6/16	0% 399	402			7/4 Inspect Structural Steel & Decking Second Level Gym	
402 403	02-SUBS 02-SUBS	MEP SOMD Prep Second Level Gym	3 days	Thu 7/7/16	Mon 7/11/16	0% 401	403			7/7 1 MEP SOMD Prep Second Level Gym 7/12 1 Prep SOMD Pour Second Level Gym	
403	02-SUBS	Prep SOMD Pour Second Level Gym Place Slab On Metal Deck Second Level Gym	3 days 3 days	Tue 7/12/16 Fri 7/15/16	Thu 7/14/16 Tue 7/19/16		793,816,831,848,864,8			7/15 T Place Slab On Metal Deck Second Level Gym	
404	02-SUBS	EXTERIOR WALL SYSTEMS	273 days	Mon 12/21/15	Wed 1/4/17			.	12/21 💣		
406	02-SUBS	MISCELLANEOUS EXTERIOR ITEMS	67 days	Mon 3/21/16	Tue 6/21/16					1 MISCELLANEOUS EXTERIOR ITEMS	
407	02-SUBS	Pool Mechanical Well Exterior Wall System	6 days	Mon 3/21/16	Mon 3/28/16		409,415,408			21 Pool Mechanical Well Exterior Wall System	
408	02-SUBS	Exterior screen wall at generator enclosure	5 days	Tue 3/29/16	Mon 4/4/16		447	1	3	29 Exterior screen wall at generator enclosure	
409	02-SUBS	Fitness & Track Level Two Exterior Wall System	11 days	Tue 3/29/16	Tue 4/12/16		410,462			/29 🖕 Fitness & Track Level Two Exterior Wall System	
410	02-SUBS	Lap Pool Exterior Wall System	12 days	Wed 4/13/16	Thu 4/28/16		411			1/13 © Lap Pool Exterior Wall System	
411 412	02-SUBS	Leisure Pool Exterior Walls System	12 days	Fri 4/29/16	Mon 5/16/16		412			4/29 O Leisure Pool Exterior Walls System	
412	02-SUBS 02-SUBS	Entry, Lounge, Offices & Racquetball Exterior Wall System Gym Exterior Wall System	14 days	Tue 5/17/16 Mon 6/6/16	Fri 6/3/16 Tue 6/21/16		413 447,415			5/17 g Entry, Lounge, Offices & Racquetball Exterior Wall System 6/6 g Cym Exterior Wall System	
413	02-SUBS	MASONRY VENEER & EXTERIOR HM DOORS (happening during summer months)	12 days 54 days	Tue 6/21/16	Mon 9/5/16		,			6/21 MASONRY VENEER & EXTERIOR HM DOORS (happening during summer months)	
415	02-SUBS	Exterior Hollow Metal Door Frames On Site	0 days	Tue 6/21/16	Tue 6/21/16		416			6/21 🖕 Exterior Hollow Metal Door Frames On Site	
416	02-SUBS	Install Exterior HM Frames	10 days	Wed 6/22/16	Tue 7/5/16		417SS+3 days,419	1		6/22 🧯 Install Exterior HM Frames	
417	02-SUBS	Pool Mechanical Masonry Veneer	5 days	Mon 6/27/16	Fri 7/1/16	0% 416SS+3 days	418,423			6/27 Pool Mechanical Masonry Veneer	
418	02-SUBS	Lap Pool Masonry Veneer	10 days	Mon 7/4/16	Fri 7/15/16		419,425			7/4 👔 Lap Pool Masonry Veneer	
419	02-SUBS	Leisure Pool Masonry Veneer	10 days	Mon 7/18/16	Fri 7/29/16		420,426			7/18 Q Leisure Pool Masonry Veneer	
420 421	02-SUBS	Entry, Lounge, Offices & Racquetball Masonry Veneer	10 days	Mon 8/1/16	Fri 8/12/16		427,421			8/1 © Entry, Lounge, Offices & Racquetball Masonry Veneer	
421 422	02-SUBS 02-SUBS	Gym Masonry Veneer EXTERIOR SIDING FINISH	16 days 51 days	Mon 8/15/16 Mon 7/4/16	Mon 9/5/16 Mon 9/12/16		428,971,447			8/15 🖕 Gym Masonry Veneer 7/4 👦 EXTERIOR SIDING FINISH	
422	02-SUBS	Pool Mechanical Siding Finish	5 days	Mon 7/4/16 Mon 7/4/16	Fri 7/8/16		424,430			7/4 Pool Mechanical Siding Finish	
424	02-SUBS	Fitness & Track Second Floor Siding Finish	10 days	Mon 7/11/16	Fri 7/22/16		425			7/11 © Fitness & Track Second Floor Siding Finish	
425	02-SUBS	Lap Pool Siding Finish	10 days	Mon 7/25/16	Fri 8/5/16		426			7/25 👔 Lap Pool Siding Finish	
426	02-SUBS	Leisure Pool Siding Finish	10 days	Mon 8/8/16	Fri 8/19/16		427	1		8/8 👔 Leisure Pool Siding Finish	
427	02-SUBS	Entry, Lounge, Offices & Racquetball Siding Finish	10 days	Mon 8/22/16	Fri 9/2/16		428			8/22 🗯 Entry, Lounge, Offices & Racquetball Siding Finish	
428	02-SUBS	Gym Siding Finish	5 days	Tue 9/6/16	Mon 9/12/16		437,447			9/6   Gym Siding Finish	
429	02-SUBS	PAINT EXTERIOR SIDING	33 days	Mon 7/11/16	Wed 8/24/16		424			7/11 PAINT EXTERIOR SIDING	
430	02-SUBS	Pool Mechanical Siding Paint and/or trim work	5 days	Mon 7/11/16	Fri 7/15/16	0% 423	431			7/11 Pool Mechanical Siding Paint and/or trim work	



					CITY AN	ID COUNTY	OF DENV	ER / DENV	ER PARKS	& RECREA	TION DISTR	RICT			
1st Quart JanMa a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st JanM			
tructure is	required as	s part of the	e base GMF	?)											
							07-1	0-15 PF	RELIMIN	IARY S	CHEDU	ILE			
				FOR	RELEAS	SE WIT	H BP#	1 GMP	& 100%	DD's F	OR BP	#2			

#### BARKER RINKER SEACAT ARCHITECTURE

### EXHIBIT \_\_\_\_ - PROJECT SCHEDULE CENTRAL DENVER RECREATION CENTER

	DESS	FOTO	h Mana	D: "			0/ 0	Decide		RAL DENVER RECREATION CENTER
ID	RESP	ESTON Task		Duration	Start	Finish	% Comp	Predecessors	Successors	3rd Quart 1st Quart 3rd Quart 1st Quart 3rd Quart 1st Quart 1st Quart 3rd Quart 3rd Quart 3rd Quart 3rd Quart 3rd Quart 3rd Qu
1	02-SUBS	6	Fitness & Track Second Floor Siding Paint and/or trim work	8 days				6 430	432	7/18 Fitness & Track Second Floor Siding Paint and/or trim work
	02-SUBS	I I	Lap Pool Siding Paint and/or trim work	5 days	Thu 7/28/16			6 431	433	7/28 Lap Pool Siding Paint and/or trim work
3	02-SUBS		Leisure Pool Siding Paint and/or trim work	5 days	Thu 8/4/16	Wed 8/10/16		6 432	434	8/4 Leisure Pool Siding Paint and/or trim work
-	02-SUBS		Entry, Lounge, Offices & Racquetball Siding Paint and/or trim work	5 days	Thu 8/11/16	Wed 8/17/16		6 433	435	8/11 Entry, Lounge, Offices & Racquetball Siding Paint and/or trim work
5	02-SUBS	1	Gym Siding Paint and/or trim work	5 days	Thu 8/18/16	Wed 8/24/16		6 434	971,447	8/18 Gym Siding Paint and/or trim work
6	02-SUBS	6	EXTERIOR WINDOW OPENINGS	67 days	Tue 9/13/16	Wed 12/14/16	i 0%	6		9/13 J EXTERIOR WINDOW OPENINGS
7	02-SUBS	1 1	Field Measure & Order Aluminum Windows & Translucent Panels	3 days	Tue 9/13/16	Thu 9/15/16	6 0%	6 428	438	9/13 I Field Measure & Order Aluminum Windows & Translucent Panels
88	02-SUBS	I I	Manufacture & Ship Aluminum Windows & Door Frames	30 days	Fri 9/16/16	Thu 10/27/16		6 437	439	9/16 🧫 Manufacture & Ship Aluminum Windows & Door Frames
9	02-SUBS	1 1	Aluminum Window & Door Frames On Site	0 days	Thu 10/27/16			6 438	440	10/27 💊 Aluminum Window & Door Frames On Site
0	02-SUBS	6	Start Install Aluminum Windows & Doors Exterioir	1 day	Fri 10/28/16	Fri 10/28/16	6 0%	6 439	441	10/28   Start Install Aluminum Windows & Doors Exterioir
	02-SUBS	6	Pool Mechanical Aluminum Windows & Door Frames	5 days	Mon 10/31/16	Fri 11/4/16	6 0%	6 440	442	10/31 T Pool Mechanical Aluminum Windows & Door Frames
2	02-SUBS	8	Fitness & Track Second Floor Aluminun Windows & Door Frames	8 days	Mon 11/7/16	Wed 11/16/16	0%	6 441	443	11/7 🕴 Fitness & Track Second Floor Aluminun Windows & Door Frames
3	02-SUBS	6	Lap Pool Aluminun Windows & Door Frames	5 days	Thu 11/17/16	Wed 11/23/16	0%	6 442	444	11/17 👔 Lap Pool Aluminun Windows & Door Frames
4	02-SUBS	6	Leisure Pool Aluminin Windows & Door Frames	5 days	Thu 11/24/16	Wed 11/30/16	0%	6 443	445	11/24 Leisure Pool Aluminin Windows & Door Frames
5	02-SUBS	6	Entry, Lounge, Offices & Racquetball Aluminum Windows & Door Frames	5 days	Thu 12/1/16	Wed 12/7/16	0%	6 444	446	12/1 Entry, Lounge, Offices & Racquetball Aluminum Windows & Door Frames
6	02-SUBS	6	Gym Aluminun Windows & Door Frames	5 days	Thu 12/8/16	Wed 12/14/16	0%	6 445	971,447	12/8 Gym Aluminun Windows & Door Frames
	02-SUBS	6 M/S	Exterior Perimeter Dry-in Completed (appears to	0 days	Wed 12/14/16	Wed 12/14/16	0%	6 446,428,421,413,40	08,971,806	12/14 💊 Exterior Perimeter Dry-in Completed (appears to work with accomplishing it ahead of winter)
			work with accomplishing it ahead of winter)							
			······							
Ť	02-SUBS	6	EXTERIOR CLIMBING WALL SYSTEM (Alternate if accepted; not tied into Substantial	273 days	Mon 12/21/15	Wed 1/4/17	0%	6		12/21 EXTERIOR CLIMBING WALL SYSTEM (Alternate if accepted; not tied into Substantial Completion prio
			Completion prior to go/no-go decision)							
	00-CACD		Make Decision on Ext Climbing Wall Alternate	60 days	Mon 12/21/15	Fri 3/11/16	6 0%	6 117	450	12/21 🧫 Make Decision on Ext Climbing Wall Alternate
1	00-CACD		Awards & procure materials on Ext Climbing Wall Alternate	146 days	Mon 3/14/16	Mon 10/3/16	6 0%	6 449	451	3/14 Awards & procure materials on Ext Climbing Wall Alternate
1	02-SUBS	3	Layout Climbing Wall	3 days	Mon 11/14/16	Wed 11/16/16	0%	624,450	452	11/14 I Layout Climbing Wall
1	02-SUBS	3	Frame Climbing Wall	6 days	Thu 11/17/16	Thu 11/24/16	6 0%	624,451	453	11/17 Frame Climbing Wall
1	02-SUBS	8	Install Backing For Climbing Wall System	3 days		Tue 11/29/16	6 0%	6 452	454	11/25 I İnstall Backing For Climbing Wall System
	02-SUBS	1 1	Install Anchors For Climbing Wall	3 days	Wed 11/30/16			6 453	455	11/30 Ţ Install Anchors For Climbing Wall
1	02-SUBS	6	Install Climbing Walls Inserts	3 days			0%	6 454	456	12/5 I Install Climbing Walls Inserts
	02-SUBS	8	Install Climbing Wall Façade	11 days				6 455	457	12/8 ji Install Climbing Wall Façade
+	02-SUBS	5	Install Flooring At Climbing Wall Landing Area	9 days				6 456	985FF+1 day	12/23 1 Install Flooring At Climbing Wall Landing Area
╎	02-SUBS		ROOF CONSTRUCTION	53 days						6/17 ROOF CONSTRUCTION
+	02-SUBS		ROOFING (appears to all be happening during summer months)	53 days						6/17 COSTING (appears to all be happening during summer months)
-	02-SUBS 02-SUBS		Roof Blocking	25 days					38467,461SS+1 day	6/17 Coordinate and the mappening during summer months)
1		1	-					6 460SS+1 day	462,485,501,513	6/20 Roof System at North Mechanical Area
+	02-SUBS		Roof System at North Mechanical Area	4 days					462,485,501,513	
	02-SUBS	1 1	Roofing System Fitness & Track Second Floor	8 days				6 409,461		
	02-SUBS		Roofing System At Lap Pool	8 days				6 462	464,572	7/6 g Roofing System At Lap Pool
	02-SUBS		Roofing System At Leisure Pool	8 days				6 463	465,595	7/18 Roofing System At Leisure Pool
	02-SUBS	1 1	Roofing System At Entry, Lounge & Office	12 days				6 464	467,466SS+10 days	7/28 g Roofing System At Entry, Lounge & Office
	02-SUBS		Set curb & mount EF-1 over family locker area	2 days				6465SS+10 days	467	8/11 I Set curb & mount EF-1 over family locker area
	02-SUBS	1	Roofing System At Gym	12 days				465,460,466	793,971,666,468	8/15 🗯 Roofing System At Gym
	02-SUBS	6 M/S	Overhead Dry-in Completed	0 days	Tue 8/30/16	Tue 8/30/16	6 0%	6 467	793,971,666,806	8/30 ♦ Overhead Dry-in Completed
+	02-SUBS	5	INTERIOR FINISHES & FIT-OUT	325 days	Mon 12/21/15	Fri 3/17/17	0%	6		12/21
	02-SUBS		OVERALL FINAL INSPECTIONS, PUNCHLIST & C OF O	52 days				- 		1/5 OVERALL FINAL INSPECTIONS, PUNCHLIST & C OF O
	00-A & P		A&P Pre-Punch Project	3 days		Mon 1/9/17		6 589,631,652,659,68	0 47288 472	1/5 A&P Pre-Punch Project
	00-A & P 00-A & P		Final Clean Building	14 days				6 471SS,726,741,773	1 .	1/30 Final Clean Building
+	99-ALL		A&P & All Subs Completes Pre-Punch Work	7 days				6 471,547,565	474	1/10 7 A&P & All Subs Completes Pre-Punch Work
	00-TEAM	1 1	Owner & Architect Quality Walk & Punch List	3 days				6 473	475	1/19 T Owner & Architect Quality Walk & Punch List
	00-AHJ	1 1	Final Inspection Electrical & Fire Protection	-				6 474	475	1/24   Final Inspection Electrical & Fire Protection
	00-AHJ	1 1	Final Inspection Elevator	5 days				6 475	476 477SS,479	
+	00-AHJ 00-AHJ	1 1		5 days				6 476SS	478	1/31 Final Inspection Elevator
			Final Inspection Fire Alarm	5 days						1/31 Final Inspection Fire Alarm
	02-SUBS 99-ALL		Completion of Critical Punch List Items Weather Contingency (per historical averages,expect about 38 cal days per year of rain of >/=0.10°. Have allowed for 15 work days lost to inclement weather. Assumed 60% or more	10 days 15 days		Tue 2/21/17 Tue 3/14/17		6 477,472FF+3 days 6 478,476	479 480	2/8 © Completion of Critical Punch List Items 2/22 © Weather Contingency (per historical averages,expect about 38 cal days per year of rain of >/=0.10'
			of the day is lost to critical work to call it a weather day)							
+	99-ALL		Central Denver Recreation Center Substantial Completion Walk-throughs & Sign-off	3 days	Wed 3/15/17	Fri 3/17/17	7 0%	6 479	481	3/15 I Central Denver Recreation Center Substantial Completion Walk-throughs & Sign-off
1	00-AHJ	J M/S	Central Denver Recreation Center Certificate of Occupancy & S/C Certificates Issued	0 days				6 480	993	3/17 level 2017 Sector and the sector of the
-	02-SUBS	6	LOWER LEVEL INTERIOR FINISHES & FIT-OUT	291 days			0%	6		12/21 LOWER LEVEL INTERIOR FINISHES & FIT-OUT
	02-SUBS	5	Maintenance Office & Mech/Elec/Pool Equip Rooms Interior Finishes & Fit-out		Mon 12/21/15		6 0%	6		12/21
-	02-SUBS		Pool Mechanical Room Construction	01 dave	Thu 6/30/16	Thu 11/3/16	0%	6		6/30 Pool Mechanical Room Construction
				91 days				1	400	
	02-SUBS	1 1	Install Pumps In Pool Pump Pit Pool Mech Rm	10 days				6 312,159,531,461	486	6/30 p Install Pumps In Pool Pump Pit Pool Mech Rm
	02-SUBS	1 1	Install Pool Filters In Pool Mech Rm	10 days				6 485	487	7/14 0 Install Pool Filters In Pool Mech Rm
	02-SUBS	1 1	Install Pool Heaters Pool Mech Rm	6 days				6 486	488,489SS+3 days	7/28   Install Pool Heaters Pool Mech Rm
	02-SUBS		Install Piping Pool Mech Rm	30 days				6 487	492	8/5 🥅 Install Piping Pool Mech Rm
	02-SUBS	6	Install all-plastic exhaust fans EF-4 & 5 at chlorine & acid rooms (if mounted above ceiling, but under roof)	2 days	Tue 8/2/16	Wed 8/3/16	6 0%	6 487SS+3 days	492,491,490	8/2 I Install all-plastic exhaust fans EF-4 & 5 at chlorine & acid rooms (if mounted above ceiling, but under roof)
			above ceiling, but under roof)							
	02-SUBS		PVC pipe exhaust installation from chlorine & acid rooms to roof	2 days				6 489	583,691	8/4 I PVC pipe exhaust installation from chlorine & acid rooms to roof
E	02-SUBS	1	Connect power to all-plastic chlorine & acid exhaust fans	2 days				6 489	583	8/4 I Connect power to all-plastic chlorine & acid exhaust fans
Ť	02-SUBS	1	Tie Pool Piping Into Pumps Pool Mech Rm	5 days				6 488,489	493	9/16 Tie Pool Piping Into Pumps Pool Mech Rm
Ť	02-SUBS	8	Tie Pool Piping Into Pool Heaters Pool Mech Rm	5 days	Fri 9/23/16	Thu 9/29/16	6 0%	6 492	494	9/23 Tie Pool Piping Into Pool Heaters Pool Mech Rm
ł		1 1	Tie Pool Piping Into Pool Filters Pool Mech Rm	5 days	Fri 9/30/16	Thu 10/6/16		6 493	495	9/30 Tie Pool Piping Into Pool Filters Pool Mech Rm
	02-SUBS	6	Set Up Pool Chemical Room Pool Mech Rm	5 days	Fri 10/7/16	Thu 10/13/16	6 0%	6 494	496	10/7 Set Up Pool Chemical Room Pool Mech Rm
			Install Pool Chemical Feeders Pool Mech Rm	5 days	Fri 10/14/16	Thu 10/20/16		6 495	497	10/14 Install Pool Chemical Feeders Pool Mech Rm
	02-SUBS	6	Tie Feeders Into Pool Pipe System Pool Mech Rm	10 days	Fri 10/21/16	Thu 11/3/16	0%	6 496	583	10/21 👔 Tie Feeders Into Pool Pipe System Pool Mech Rm
	02-SUBS 02-SUBS					Fri 12/9/16	6 0%	6		12/21 Maintenance Office & Mech/Elee Equip Rms-Interior Finishes & Fit-out
	02-SUBS 02-SUBS 02-SUBS	6	Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out	255 days			6 0%	6 385,531	500	6/17 T Layout housekeeping pads-Mntrice Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS	5 5		255 days 2 days	Fri 6/17/16	Mon 6/20/16		1		
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	3 5 3	Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out				6 0%	6 499	505,504,501,513,514	6/21 Form, pour & strip M & E housekeeping pads-Mntnce Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	6 6 6 8	Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mntnce Off, MEP Eq Rms	2 days 5 days	Tue 6/21/16	Mon 6/27/16		6 499 6 500,461	505,504,501,513,514	
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	8 8 8 8	Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mntnce Off, MEP Eq Rms Form, pour & strip M & E housekeeping pads-Mntnce Off, MEP Eq Rms Set air handlers-Mntnce Off, MEP Eq Rms	2 days 5 days 5 days	Tue 6/21/16 Tue 6/28/16	Mon 6/27/16 Mon 7/4/16	6 0%	6 500,461	504,503,502	6/28 Set air handlers-Mntnce Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mintnee Off, MEP Eq Rms Form, pour & strip M & E housekeeping pads-Mintnee Off, MEP Eq Rms Set air handlers-Mintnee Off, MEP Eq Rms Ductwork-Mintnee Off, MEP Eq Rms	2 days 5 days 5 days 20 days	Tue 6/21/16 Tue 6/28/16 Tue 7/5/16	Mon 6/27/16 Mon 7/4/16 Mon 8/1/16	6 0% 6 0%	6 500,461 6 501	504,503,502 510,503SS+10 days,51	6/28 Set air handlers-Mintroe Off, MEP Eq Rms 7/5 Ductwork-Mintroe Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mntnce Off, MEP Eq Rms Form, pour & strip M & E housekeeping pads-Mntnce Off, MEP Eq Rms Set air handlers-Mntnce Off, MEP Eq Rms Ductwork-Mntnce Off, MEP Eq Rms Hydronic systems hangers & piping-Mntnce Off, MEP Eq Rms	2 days 5 days 5 days 20 days 25 days	Tue 6/21/16 Tue 6/28/16 Tue 7/5/16 Tue 7/19/16	Mon 6/27/16 Mon 7/4/16 Mon 8/1/16 Mon 8/22/16	3 0% 3 0% 3 0%	6 500,461 6 501 6 501,502SS+10 day	504,503,502 510,503SS+10 days,51 s 510,511,512	6/28 Set air handlers-Mntroce Off, MEP Eq Rms 7/5 Ductwork-Mntroce Off, MEP Eq Rms 7/19 Hydronic systems hangers & piping-Mntroce Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mntnce Off, MEP Eq Rms Form, pour & strip M & E housekeeping pads-Mntnce Off, MEP Eq Rms Set air handlers-Mntnce Off, MEP Eq Rms Ductwork-Mntnce Off, MEP Eq Rms Hydronic systems hangers & piping-Mntnce Off, MEP Eq Rms Set HHW, CHW & Domestic water circulation pumps-Mntnce Off, MEP Eq Rms	2 days 5 days 5 days 20 days 25 days 5 days	Tue 6/21/16 Tue 6/28/16 Tue 7/5/16 Tue 7/19/16 Tue 7/5/16	Mon 6/27/16 Mon 7/4/16 Mon 8/1/16 Mon 8/22/16 Mon 7/11/16	5 0% 5 0% 5 0% 5 0%	6 500,461 6 501 6 501,502SS+10 day 6 500,501	504,503,502 510,503SS+10 days,51 s 510,511,512 505,507,506,509	6/28 Set air handlers-Mntnce Off, MEP Eq Rms 7/5 Ductwork-Mntnce Off, MEP Eq Rms 7/19 Hydronic systems hangers & piping-Mntnce Off, MEP Eq Rms 7/5 Set HHW, CHW & Domestic water circulation pumps-Mntnce Off, MEP Eq Rms
	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Maintenance Office & Mech/Elec Equip Rms-Interior Finishes & Fit-out Layout housekeeping pads-Mntnce Off, MEP Eq Rms Form, pour & strip M & E housekeeping pads-Mntnce Off, MEP Eq Rms Set air handlers-Mntnce Off, MEP Eq Rms Ductwork-Mntnce Off, MEP Eq Rms Hydronic systems hangers & piping-Mntnce Off, MEP Eq Rms	2 days 5 days 5 days 20 days 25 days	Tue 6/21/16 Tue 6/28/16 Tue 7/5/16 Tue 7/19/16 Tue 7/5/16 Tue 7/12/16	Mon 6/27/16 Mon 7/4/16 Mon 8/1/16 Mon 8/22/16	6         0%           6         0%           6         0%           6         0%           6         0%           6         0%	6 500,461 6 501 6 501,502SS+10 day	504,503,502 510,503SS+10 days,51 s 510,511,512	6/28 Set air handlers-Mntroce Off, MEP Eq Rms 7/5 Ductwork-Mntroce Off, MEP Eq Rms 7/19 Hydronic systems hangers & piping-Mntroce Off, MEP Eq Rms



												TION DISTR	
)	1st Quart JanMa a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa   a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st JanM
g	o/no-go de	cision)											
v	e allowed f	or 15 work	days lost t	o inclemen	weather. A	Assumed 60	)% or more	of the day	is lost to c	ritical work	to call it a	we	
_													
					FOR	RELEA	SE WIT					CHEDU FOR BP	

ID	RESP .	ESTON	Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart, 1st Quart, 13rd Quart, 1st Quart, 13rd Quart, 1
507	02-SUBS		Set expansion tanks-Mntnce Off, MEP Eq Rms	3 days	Tue 7/19/16		0% 505,504	508	3rd Ouart 1st Ou
508	02-SUBS		Set glycol tank & chemical feed system-Mntnce Off, MEP Eq Rms	2 days	Fri 7/22/16		0% 506,507	512FF+5 days	7/22 I Set glycol tank & chemical feed system-Mntnce Off, MEP Eq Rms
509	02-SUBS		Mount sidewall EF-7 in main electrical room	1 day	Tue 7/12/16		0% 504	512	7/12 Mount sidewall EF-7 in main electrical room
510	02-SUBS		Mechanical insulation-Mntnce Off, MEP Eq Rms	15 days	Tue 8/23/16	Mon 9/12/16	0% 503,502	527,528	8/23 🗧 Mechanical insulation-Mntnce Off, MEP Eq Rms
511	02-SUBS		Meters & Gauges-Mntnce Off, MEP Eq Rms	10 days	Tue 8/23/16	Mon 9/5/16	0% 503	527	8/23 g Meters & Gauges Mntnce Off, MEP Eq Rms
512	02-SUBS		Building Controls-Mntnce Off, MEP Eq Rms	35 days	Tue 8/23/16	Mon 10/10/16	0% 502,503,508FF+5 da	1	8/23 👝 Building Controls-Mntnce Off, MEP Eq Rms
513	02-SUBS		Set transformers-Mntnce Off, MEP Eq Rms	2 days	Tue 6/28/16		0% 500,461	518,695	6/28 I Set transformers-Mntnce Off, MEP Eq Rms
14	02-SUBS		Set main switchboards-Mntnce Off, MEP Eq Rms	2 days	Tue 6/28/16		0% 500	515,695	6/28 1 Sott main switchboards-Mintree Off, MEP Eq.Rms
515 516	02-SUBS 02-SUBS		Set disconnects & VFD soft starts-Mntnce Off, MEP Eq Rms Set panelboard tubs-Mntnce Off, MEP Eq Rms	4 days	Thu 6/30/16		0% 514 0% 515	516,695	6/30 Set disconnects & VFD soft starts-Mntnce Off, MEP Eq Rms 7/6 Set panelboard tubs-Mntnce Off, MEP Eq Rms
517	02-SUBS		Pull wire to tubs-Mntnce Off, MEP Eq Rms	5 days 15 days	Wed 7/6/16 Wed 7/13/16		0% 515	517,518FF+5 days 518SS+5 days,519,52	
518	02-SUBS		Mount breakers & terminate wire at panels-Mntnce Off, MEP Eq Rms	20 days	Tue 10/11/16		0% 517SS+5 days,516F		10/11 O Mount breakers & terminate wire at panels-Mntnce Off, MEP Eq Rms
519	02-SUBS		S Gear energized-Mntrice Off, MEP Eq.Rms	0 days	Mon 11/7/16		0% 518,517,261,260,695		
520	02-SUBS		Check motor rotations-Mntnce Off, MEP Eq Rms	3 days	Tue 11/8/16		0% 512,519	527,692,693	11/8 T Check motor rotations-Mntnce Off, MEP Eq Rms
521	02-SUBS		A&P & Subs fit-out MDF Room 031-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipment, FR plywood mounted on wails where required, lighting installed, door & hardware in place. Concrete sealer after City i finished)	20 days	Wed 8/3/16	Tue 8/30/16	0% 517	522,529	8/3 o A&P & Subs fit-out MDF Room 031-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipme
522	02-CENTURY		Century Link Installation of Tele/Data & Internet (head end equipment) (MDF Room #013 in Area B on Lower Level & IDF Rooms 013, 113 & 213 in Area A on Lower, Entry & 2nd levels)	20 days	Thu 10/20/16	Wed 11/16/16	0% 257,521,556,768	523,529,524	10/20 🧧 Century Link Installation of Tele/Data & Internet (head end equipment) (MDF Room #013 in Area B on Lower Leve
523	02-CENTURY	M/S	S Phones functional for A&P & Sub's use for Elevator Inspections & Fire Alarm Monitoring Dial-up Testing	0 days	Wed 11/16/16	Wed 11/16/16	0% 522,257	631FF+1 day	11/16 I Phones functional for A&P & Sub's use for Elevator Inspections & Fire Alarm Monitoring Dial-up Testing
524	02-CENTURY	M/S	S Internet functional for A&P & Sub's use for controls start-up	0 days	Wed 11/16/16	Wed 11/16/16	0% 257,522	527	11/16 🍐 Internet functional for A&P & Sub's use for controls start-up
525	00-CACD		Available time for BAS (Building Automation System) Personal Computer	,.	Mon 12/21/15		0% 117	526	12/21 Available time for BAS (Building Automation System) Personal Computer Procurement by City (started at 203 days; s
500	00.0400	M/S	Procurement by City (started at 203 days; shortened to see how design delay would affect other things)	0 days	E# 9/26/46	E-1 0/06/46	01/ 525	52750 110 dava	
526	00-CACD		Controls Sub	0 days	Fri 8/26/16		0% 525	527FS+10 days	8/26 🚸 BAS (Building Automation System) Personal Computer Received by A&P's Controls Sub
527	02-SUBS		Full mechanical start-up, test & balance & COMMISSIONING-Mntnce Off, MEP Eq Rms (Cx process to include start-up checklist, pre-functional testing, equipment verification, O&M manual review, maintaining deficiency log etc.)	15 days	Thu 11/17/76	Wed 12/7/16	0% 520,510,511,255,255 days	,529,806	11/17 Definition of the start o
528	02-SUBS		Painting-Mntnce Off, MEP Eq Rms	5 days	Tue 9/13/16	Mon 9/19/16	0% 510	471	9/13 Painting-Mntnce Off, MEP Eq Rms
529	02-SUBS		Concrete sealer-Mntnce Off, MEP Eq Rms	2 days	Thu 12/8/16	Fri 12/9/16	0% 518,527,521,522	471	12/8 T Concrete sealer-Mntnce Off, MEP Eq Rms
530	02-SUBS		Men's/Women's/Family Locker Rooms Interior Finishes & Fit-out	93 days		Wed 10/19/16	0%		6/13 Men's/Women's/Family Locker Rooms Interior Finishes & Fit-out
531	02-SUBS		Layout Interior Walls LR & FLR	2 days	Mon 6/13/16	Tue 6/14/16	0% 347,394	532,499,485,549,567	6/13 TLayout Interior Walls LR & FLR
532	02-SUBS		Install Large Duct In Locker Room / Family LR Ceilings	7 days	Wed 6/15/16	Thu 6/23/16	0% 531	533	6/15 (Install Large Duct In Locker Room / Family LR Ceilings
533	02-SUBS		Install Interior Masonry Walls LR & FLR	14 days	Fri 6/24/16	Wed 7/13/16	0% 532	534SS,537	6/24 o Install Interior Masonry Walls LR & FLR
534	02-SUBS		Rough In MEP & FP In Locker Room & Family LR Walls & Ceilings	14 days	Fri 6/24/16	Wed 7/13/16	0% 533SS	536,535SS+12 days	
535	02-SUBS		Mount transfer fan TF-3	1 day	Tue 7/12/16		0% 534SS+12 days	536	7/12 Mount transfer fan TF-3
536	02-SUBS		Inspect Above Ceilings LR & FLR	3 days	Thu 7/14/16		0% 534,535	537	7/14 I Inspect Above Ceilings LR & FLR
537	02-SUBS		Frame Ceilings At LR & FLR	8 days	Tue 7/19/16		0% 536,533	538	7/19 Frame Ceiling S At LR & FLR
538 539	02-SUBS		Rock, Tape & Finish Ceilings In LR & FLR	6 days	Fri 7/29/16 Mon 8/8/16		0% 537,462 0% 538	539 540	7/29 Nock, Tape & Finish Ceilings In LR & FLR 8/8 Install APC At Ceilings In LR & FLR
539	02-SUBS 02-SUBS		Install APC At Ceilings In LR & FLR Install Tile At Floors & Walls LR & FLR	7 days 15 days	Wed 8/17/16	Tue 9/6/16	0% 539	540	8/17 o Install Tile At Floors & Walls LR & FLR
541	02-SUBS		Paint Ceilings & Walls At LR & FLR	5 days	Wed 9/7/16		0% 540	542	9/7 Path Collings & Walls At LR & FLR
542	02-SUBS		Install SS Vanities & Toilet Accessories LR & FLR	4 days	Wed 9/14/16		0% 541	543	9/14 Install SS Vanities & Toilet Accessories LR & FLR
543	02-SUBS		Install Plumbing Fixtures LR & FLR	5 days	Tue 9/20/16		0% 542	544	9/20 Install Plumbing Fixtures LR & FLR
544	02-SUBS		Install MEP & FP Finishes LR & FLR	5 days	Tue 9/27/16	Mon 10/3/16	0% 543	545	9/27 Install MEP & FP Finishes LR & FLR
545	02-SUBS		Install Toilet Partitions LR & FLR	3 days	Tue 10/4/16	Thu 10/6/16	0% 544	546	10/4 I Install Toilet Partitions LR & FLR
546	02-SUBS		Final Paint LR & FLR	4 days		Wed 10/12/16	0% 545	547	10/7   Final Paint LR & FLR
547	00-A & P		Pre-Punch LR & FLR	5 days	Thu 10/13/16		0% 546	473	10/13   Pro-Punch LR & FLR
548	02-SUBS		Pool Admin/Lifeguard/Storage & Main Corridor Interior Finishes & Fit-out	93 days	Wed 6/15/16	Fri 10/21/16	0%		6/15 Pool Admin/Lifeguard/Storage & Main Corridor Interior Finishes & Fi-out
549	02-SUBS		Layout Interior Walls-Pool Admin/Lifeguard/Storage & Main Corridor	2 days	Wed 6/15/16		0% 347,353,531	550	6/15 T Layout Interior Walls-Pool Admin/Lifeguard/Storage & Main Corridor
550	02-SUBS		Install Large Duct Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor	7 days	Fri 6/17/16		0% 549	551	6/17 🧯 Install Large Duct Cellings-Pool Admin/Lifeguard/Storage & Main Corridor
551 552	02-SUBS		Install Interior Masonry Walls-Pool Admin/Lifeguard/Storage & Main Corridor	14 days	Tue 6/28/16		0% 550	552SS,554	6/28 Install Interior Masonry Walls-Pool Admin/Lifeguard/Storage & Main Corridor
552 553	02-SUBS 02-SUBS		Rough In MEP & FP Walls & Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor	14 days	Tue 6/28/16 Mon 7/18/16		0% 551SS 0% 552	553 554	6/28 Rough In MEP & FP Walls & Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor
553	02-SUBS		Inspect Above Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor Frame Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor	3 days 8 days	Mon //18/16 Thu 7/21/16		0% 553,551	555	7/18 I Inspect Above Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor 7/21 © Frame Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor
555	02-SUBS		Rock, Tape & Finish Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor	6 days	Tue 8/2/16		0% 554,462	557,556	8/2    Rock, Tape & Finish Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor
556	02-SUBS		A&P & Subs fit-out IDF Room #013-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipment, FR plywood mounted on walls where required, lighting installed, door & hardware in place. Concrete sealer after City is finished)	15 days	Wed 8/10/16		0% 555	565,522	8/10 A&P & Subs fit-out IDF Room #013-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipme
557	02-SUBS		Install APC At Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor	7 days	Wed 8/10/16	Thu 8/18/16	0% 555	558	8/10   Install APC At Ceilings-Pool Admin/Lifeguard/Storage & Main Corridor
558	02-SUBS		Install Tile At Floors & Walls-Pool Admin/Lifeguard/Storage & Main Corridor	15 days	Fri 8/19/16		0% 557	559	8/19 @ Install Tile At Floors & Walls-Pool Admin/Lifeguard/Storage & Main Corridor
559	02-SUBS		Paint Ceilings & Walls-Pool Admin/Lifeguard/Storage & Main Corridor	5 days	Fri 9/9/16		0% 558	560	9/9 Paint Ceilings & Walls-Pool Admin/Lifeguard/Storage & Main Corridor
560	02-SUBS		Install SS Vanities & Toilet Accessories-Pool Admin/Lifeguard/Storage & Main Corrido	4 days	Fri 9/16/16	Wed 9/21/16	0% 559	561	9/16 I Install SS Vanities & Toilet Accessories-Pool Admin/Lifeguard/Storage & Main Corridor
561	02-SUBS		Install Plumbing Fixtures-Pool Admin/Lifeguard/Storage & Main Corridor	5 days	Thu 9/22/16		0% 560	562	9/22 III Install Plumbing Fixtures-Pool Admin/Lifeguard/Storage & Main Corridor
562	02-SUBS		Install MEP & FP Finishes-Pool Admin/Lifeguard/Storage & Main Corridor	5 days	Thu 9/29/16		0% 561	563	9/29   Install MEP & FP Finishes-Pool Admin/Lifeguard/Storage & Main Corridor
563	02-SUBS		Install Toilet Partitions-Pool Admin/Lifeguard/Storage & Main Corridor	3 days	Thu 10/6/16		0% 562	564	10/6 Install Toilet Partitions-Pool Admin/Lifeguard/Storage & Main Corridor
564	02-SUBS		Final Paint-Pool Admin/Lifeguard/Storage & Main Corridor	4 days	Tue 10/11/16		0% 563	565	10/11 I Final Paint-Pool Admin/Lifeguard/Storage & Main Corridor
565 566	00-A & P 02-SUBS		Pre-Punch-Pool Admin/Lifeguard/Storage & Main Corridor	5 days	Mon 10/17/16	Fri 10/21/16 Thu 12/22/16	0% 564,556 0%	473	10/17   Pre-Punch-Pool Admin/Lifeguard/Storage & Main Corridor 6/30 - 6/
567	02-SUBS		8 Lane Lap Pool Construction (Interior Finishes & Fit-out)	126 days			0% 312,531	568	
567 568	02-SUBS 02-SUBS		Install Pool Drain Lines Back To Pool Mechanical Form Gutter System For Rim Flow At Lap Pool	6 days 8 days	Thu 6/30/16 Eri 7/8/16		0% 312,531	568 569SS,570	6/30 Install Pool Drain Lines Back To Pool Mechanical 7/8 D Form Gutter System For Rim Flow At Lap Pool
568	02-SUBS 02-SUBS		Form Gutter System For Rim Flow At Lap Pool Install Drain Pipe, Inserts and Anchors	8 days 2 days	Fri 7/8/16		0% 568SS	56955,570	7/8 prom Gutter System For Kim Flow At Lap Pool
570	02-SUBS		Pour Lap Pool Gutters	2 days 4 days	Wed 7/20/16		0% 569,568	571	7/20 Pour Lap Pool Gutters
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ar	Adolfson & Peters Constru	son	n						Page 8 of 14

EXHIBIT \_\_\_\_\_ - PROJECT SCHEDULE

rt 1st Qua	rte 3rd Quart a Jul e o	1st Quart JanMa a	3rd Quart	1st Quart JanMa a	3rd Quart	1st Quart Jan Ma	3rd Quart	1st Quart Jan Ma	3rd Quart	1st Quart JanMa a	3rd Quart	1st Quart JanMa a	3rd Quart	1st Quart JanMa a	3rd Quart	1st Jan N
Rms																
ble tray hur	ng, power pro	ovided for C	ity's equip	ment, FR pl	ywood mou	inted on w	alls where r	equired, liç	hting insta	lled, door a	& hardware	in place. (	Concrete se	aler after	Cit	
ment) (MDF	F Room #013	III Area B C	n Lower Le		ooms uta,	113 @ 213	III Area A O	i Lower, El	iury & znu i	levels)						
3 & Fire Ala	rm Monitorin	g Dial-up T	esting													
						_										
uter Procu	rement by Ci	ty (started a	at 203 days;	; shortened	to see how	design de	ay would a	ifect other	things)							
A&P's Con	trols Sub															
nnce Off, N	IEP Eq Rms	UX process	to include	start-up ch	iecklist, pre	-runctiona	ı testing, ec	uipment ve	erification,	U&M manu	aı review, n	naintaining	aeticiency	iog etc.)		
& Fit-out																
or																
rridor																
lain Corrido	or															
orridor																
	ng, power pro	ovided for C	ity's equip	ment, FR pl	ywood mou	inted on w	alls where r	equired, lig	hting insta	alled, door	& hardware	in place. C	Concrete se	aler after (	Cit	
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ID	RESP	ESTON	lask Name	Duration	Start	Finish	% Comp	Predecessors	Successors	3rd Quart 1st Quart
571	02-SUBS		Fine Grade Lap Pool top Of Wall For Rim Flow	5 days	Tue 7/26/16	Mon 8/1/16	0%	570	572	Jul e o JanMa a
572	02-SUBS		Install C701 Tile and Field Tile For Gutter System Lap Pool	10 days		Mon 8/15/16	0%	571,463	573	1
573	02-SUBS		Install Lane Tile & Wall Target Tile Lap Pool	12 days	Tue 8/16/16	Wed 8/31/16	0%	572	574	
574	02-SUBS		Back Fill Deck Area	6 days		Thu 9/8/16		573	575	
575	02-SUBS		Install Pool Deck Drains & Tie Into Sump Pump Lap Pool	7 days		Mon 9/19/16		574	576	
576	02-SUBS		Concrete Deck Drains In Place Lap Pool	8 days		Thu 9/29/16		575	577	
577 578	02-SUBS 02-SUBS		Prep SOG Lap Pool Deck Place & Finish Concrete Lap Pool Deck	3 days 7 days		Tue 10/4/16 Thu 10/13/16		576 577	578 579	
79	02-SUBS		Prep Pool For Plaster Install Lap Pool	2 days	Fri 10/14/16	Mon 10/17/16		578	580	-
80	02-SUBS	M/S	Start Up Lap Pool Mechanical Units	0 days		Mon 11/21/16		579,691	581,693,692	
81	02-SUBS		Plaster Lap Pool	3 days		Thu 11/24/16		580,691SS+7 days		-
82	02-SUBS		Fill Lap Pool & Start Up Pool Mechanical Equipment	3 days		Tue 11/29/16		581,691	583	-
583	02-SUBS		Start Up Pool Euipment Pool Mech Lap Pool	3 days		Fri 12/2/16		582,497,490,491	584	
584	02-SUBS		Install Pool Deck Equipment Ladders, Dive Boards Etc At Lap Pool	3 days		Wed 12/7/16		583,160	585	
585	02-SUBS		Final Clean Pool & Pool Deck Lap Pool	2 days	Thu 12/8/16	Fri 12/9/16	0%	584	586	
586	00-TEAM		QC & Pre Punch Lap Pool	1 day	Mon 12/12/16	Mon 12/12/16	0%	585	587	
587	99-ALL		Complete QC & Pre-Punch Items Lap Pool	5 days	Tue 12/13/16	Mon 12/19/16	0%	586	588	
588	02-SUBS		Final Inspection Pool Design Team Lap Pool	3 days	Tue 12/20/16	Thu 12/22/16	0%	587	589	
589	02-SUBS	M/S	Lap Pool Complete	0 days	Thu 12/22/16	Thu 12/22/16	0%	588	471	
590	02-SUBS		Leisure Pool, Therapy Pool & Slide Construction (Interior Finishes & Fit-out)	84 days	Wed 10/5/16	Mon 1/30/17	0%			
591	02-SUBS		Form Gutter System For Rim Flow At Leisure Pool	5 days	Wed 10/5/16	Tue 10/11/16	0%	333,531	592SS,593FF+1 day	-
592	02-SUBS		Install Drain Pipe, Inserts and Anchors Leisure Pool Gutters	2 days		Thu 10/6/16		591SS	593	1
93	02-SUBS		Pour Leisure Pool Gutters	4 days				592,591FF+1 day	594	1
i94	02-SUBS		Fine Grade Leisure Pool top Of Wall For Rim Flow	5 days	Thu 10/13/16	Wed 10/19/16		593	595	1
95	02-SUBS		Install C701 Tile and Field Tile For Gutter System Leisure Pool	8 days	Thu 10/20/16	Mon 10/31/16	0%	594,464	596	1
96	02-SUBS		Install Lane Tile & Wall Target Tile Leisure Pool	7 days	Tue 11/1/16	Wed 11/9/16	0%	595	597	1
i97	02-SUBS		Back Fill Deck Area Leisure Pool	4 days	Thu 11/10/16	Tue 11/15/16	0%	596 ·	598	1
598	02-SUBS		Install Pool Deck Drains & Tie Into Sump Pump Leisure Pool	4 days		Mon 11/21/16		597	599	
99	02-SUBS		Concrete Deck Drains In Place Leisure Pool	3 days		Thu 11/24/16		598	600	
00	02-SUBS		Prep SOG & built-in components of play features Leisure Pool Deck	3 days	Fri 11/25/16	Tue 11/29/16		599	601	
01	02-SUBS		Place & Finish Concrete Leisure Pool Deck	5 days		Tue 12/6/16		600	602	
02	02-SUBS		Pool Slide Arrives On Site Leisure	1 day	Wed 12/7/16	Wed 12/7/16		601,162	603	4
503 504	02-SUBS 02-SUBS		Erect Slide Tower Leisure Pool	3 days				602	604 605	4
304 305	02-SUBS 02-SUBS		Install Pool Slide Leisure Pool	4 days		Fri 12/16/16 Wed 12/21/16		603 604	605	-
105	02-SUBS 02-SUBS		Tie In Pool Piping At Slide Tower Leisure Pool Wax & Polish Slide Plume Leisure Pool	3 days 3 days		Mon 12/21/16		604 605	606	-
00	02-SUBS 02-SUBS		Test & Adjust Pool Slide Leisure Pool	3 days		Thu 12/29/16		606	608	-
08	02-30B3 00-TEAM		QC and Punch Pool Slide Leisure Pool	1 day	Fri 12/30/16	Fri 12/30/16		607	609	-
509	02-SUBS		Final Inspection Pool Slide Leisure Pool	3 days		Wed 1/4/17		608	610	-
610	02-SUBS		Prep Pool For Plaster Install including built-in components of play features Leisure	2 days		Fri 1/6/17		609	611	
			Pool							
611	02-SUBS	M/S	Start Up Leisure Pool Mechanical Units	0 days	Fri 1/6/17	Fri 1/6/17		610,691	612,693,692	
612	02-SUBS		Plaster Leisure Pool	3 days		Wed 1/11/17		611	613,614	1
613	02-SUBS		Start Up Pool Euipment Pool Mech Leisure Pool	2 days		Fri 1/13/17		612	615	
614	02-SUBS		Surface mounted play features Leisure pool	2 days		Fri 1/13/17		612,161	615	
615 616	02-SUBS 02-SUBS		Fill Leisure Pool & Start Up Pool Mechanical Equipment Install Pool Deck Equipment Ladders, Dive Boards Etc At Leisure Pool	1 day	Mon 1/16/17 Tue 1/17/17	Mon 1/16/17 Thu 1/19/17		613,691,614,692,69 615,160	617	
617	02-SUBS 02-SUBS		Final Clean Pool & Pool Deck Lleisure Pool	3 days 2 days		Mon 1/23/17		616	618	-
618	00-TEAM		QC & Pre Punch Leisure Pool	1 day	Tue 1/24/17	Tue 1/24/17		617	619	
619	99-ALL		Complete QC & Pre-Punch Items Leisure Pool	2 days		Thu 1/26/17		618	620	-
520	02-SUBS		Final Inspection Pool Design Team Leisure Pool	2 days		Mon 1/30/17		619	621	-
621	02-SUBS	M/S	Leisure Pool Complete	0 days		Mon 1/30/17		620	472FF+12 days	-
622	02-SUBS		Vertical Circulation Interior Finishes & Fit-out	160 days	Thu 5/26/16	Wed 1/4/17	0%			
323	02-SUBS		Elevator	40 days	Tue 11/8/16	Mon 1/2/17	0%			-
23	02-SUBS		Rough In Elevator Rails	40 days 4 days				462,142,519	625,451,452	-
325	02-SUBS		Rough In Elevator Doors		Mon 11/14/16	Fri 11/18/16		624,519	626	-
526	02-SUBS		Install Car Platform	7 days				625	627	1
627	02-SUBS		Install Fire Protection In Elevator Shaft	2 days		Thu 12/1/16		626	628	1
328	02-SUBS		Rough In Elevator Equipment	8 days				627	629	1
329	02-SUBS		Install Car Finishes	6 days				628	630	
530	02-SUBS		Sync Elevator With Fire Alarm (need City's phone lines with dedicated line	3 days		Mon 12/26/16		629	631	1
			available)							
531	02-SUBS		Complete Elevator Install & Ready For Inspection	5 days		Mon 1/2/17		630,523FF+1 day	471	
532	02-SUBS		Main Stair #015 (SW) & Elevator Shaft-Lower Level to Roof Interior Finishes & Fit-out	160 days	Thu 5/26/16	Wed 1/4/17	0%	D		
333	02-SUBS		Install metal stair-Main Stair #015 (SW)	4 days	Thu 5/26/16	Tue 5/31/16	0%	370,353	634	-
634	02-SUBS		Prep & Pour stair main stair #015 (SW)	4 days 1 day		Wed 6/1/16		633	635	
			Protect stair pans & landings-Main Stair #015 (SW)	1 day		Thu 6/2/16		634	637,636	-
534 535	02-SUBS		Unfinished stair in use for workers & material handling #015 (SW)	112 days		Mon 11/7/16		635	637	
35			Ommissied stair in use for workers & material nanuling #015 (3W)			Fri 11/11/16		635,636	638,641,640	1
335 336	02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015	4 days						
i35 i36 i37	02-SUBS 02-SUBS			4 days		Fri 11/25/16	0%	637,462	639,641	-
	02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015		Mon 11/14/16	Fri 11/25/16 Tue 11/29/16		637,462 638	639,641 641	
i35 i36 i37 i38 i39	02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW)	10 days	Mon 11/14/16 Mon 11/28/16		0%			
i35 i36 i37 i38 i39 i40	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW)	10 days 2 days	Mon 11/14/16 Mon 11/28/16 Mon 11/14/16	Tue 11/29/16	0%	638	641	
35 36 37 38 39 40 41	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywail-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW)	10 days 2 days 3 days	Mon 11/14/16 Mon 11/28/16 Mon 11/14/16 Wed 11/30/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16	0% 0%	638 637	641 641	
35         36           37         38           38         39           40         41           42         42	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW) Inspections-Main Stair #015 (SW)	10 days 2 days 3 days 2 days	Mon 11/14/16 Mon 11/28/16 Mon 11/14/16 Wed 11/30/16 Fri 12/2/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16 Wed 12/7/16	0% 0% 0%	638 637 640,639,638,637	641 641 642	
35       36       37       38       39       40       41       42       43	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW) Inspections-Main Stair #015 (SW) Scaffold & Hang drywall-Main Stair #015 (SW)	10 days 2 days 3 days 2 days 4 days	Mon 11/14/16 Mon 11/28/16 Mon 11/14/16 Wed 11/30/16 Fri 12/2/16 Thu 12/8/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16 Wed 12/7/16 Thu 12/15/16	0% 0% 0% 0%	638 637 640,639,638,637 6641	641 641 642 643	
35         36           37         38           38         39           40         41           42         43           44         44	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW) Inspections-Main Stair #015 (SW) Scaffold & Hang drywall-Main Stair #015 (SW) Tape & finish drywall-Main Stair #015 (SW)	10 days 2 days 3 days 2 days 4 days 6 days	Mon 11/14/16 Mon 11/28/16 Mon 11/14/16 Wed 11/30/16 Fri 12/2/16 Thu 12/8/16 Fri 12/16/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16 Wed 12/7/16 Thu 12/15/16	0% 0% 0% 0%	638 637 640,639,638,637 6641 6642	641 641 642 643 644	
335         336           337         338           338         339           440         441           442         443           444         445           446         446	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW) Inspections-Main Stair #015 (SW) Scaffold & Hang drywall-Main Stair #015 (SW) Tape & finish drywall-Main Stair #015 (SW) Prime & finish paint walls, ceilings & stair members-Main Stair #015 (SW) Standpipes-Main Stair #015 (SW) Light fixtures & exit lighting-Main Stair #015 (SW)	10 days 2 days 3 days 2 days 4 days 6 days 5 days	Mon 11/14/16 Mon 11/28/16 Mon 11/128/16 Wed 11/30/16 Fri 12/2/16 Thu 12/8/16 Fri 12/16/16 Fri 12/23/16 Tuu 12/27/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16 Wed 12/7/16 Thu 12/15/16 Thu 12/22/16 Mon 12/26/16 Thu 12/29/16	0% 0% 0% 0% 0% 0%	638 637 640,639,638,637 641 642 643 644 644	641 641 642 643 644 645,648,647,646 646,649,647 649	
i35 i36 i37 i38	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS		Frame drywall-Main Stair (SW)-Defer as long as possible in this main stair #015 Electrical & fire alarm rough-in-Main Stair #015 (SW) Insulate drywall-Main Stair #015 (SW) Roof drain leaders (if any in this stairwell's walls)-Main Stair #015 (SW) Inspections-Main Stair #015 (SW) Scaffold & Hang drywall-Main Stair #015 (SW) Tape & finish crywall-Main Stair #015 (SW) Prime & finish paint walls, ceilings & stair members-Main Stair #015 (SW) Standpipes-Main Stair #015 (SW)	10 days 2 days 3 days 2 days 4 days 6 days 5 days 2 days	Mon 11/14/16 Mon 11/28/16 Mon 11/28/16 Wed 11/30/16 Tri 12/2/16 Tri 12/2/16 Fri 12/21/6/16 Fri 12/23/16 Tue 12/27/16 Tue 12/27/16	Tue 11/29/16 Wed 11/16/16 Thu 12/1/16 Wed 12/7/16 Thu 12/15/16 Thu 12/22/16 Mon 12/26/16 Thu 12/29/16	0% 0% 0% 0% 0% 0% 0%	638 637 640,639,638,637 641 642 643 643	641 641 642 643 644 645,648,647,646 646,649,647	

CENTR	HIBIT PROJECT SCHEDULE RAL DENVER RECREATION CENTER		141 0	240	1at Correct	2-4 (	1.4.0	2-4 ()	14
ssors	3rd Quart         1st Quart         3rd Quart         1st Quart         3rd Quart         1st Quart         3rd Quart         1st Quart         3rd Quart         3rd Quart         3rd Quart         1st Quart         3rd Quart <t< th=""><th>Quart   1st Quart   3rd Quart   1 e   o JanMa   a Jul   e   o Ja o Of Wall For Rim Flow</th><th>1st Quart an a a</th><th>3rd Quart Jul e o</th><th>JanMa a</th><th>3rd Quart Jul e o</th><th>JanMa a</th><th>3rd Quart Jul e o</th><th>Jar</th></t<>	Quart   1st Quart   3rd Quart   1 e   o JanMa   a Jul   e   o Ja o Of Wall For Rim Flow	1st Quart an a a	3rd Quart Jul e o	JanMa a	3rd Quart Jul e o	JanMa a	3rd Quart Jul e o	Jar
	8/2 🧯 Install C701 Tile and F	eld Tile For Gutter System La							
	8/16 g Install Lane Tile & Wa 9/1 g Back Fill Deck Area	I Target Tile Lap Pool							
		ins & Tie Into Sump Pump La	ap Pool						
	9/20 Concrete Deck Drai								
	9/30 I Prep SOG Lap Poo 10/5 I Place & Finish Col								
	10/14 I Prep Pool For Plas								
3,692	11/21 ♦ Start Up Lap Po 11/22 I Plaster Lap Poo	DI Mechanical Units							
		tart Up Pool Mechanical Equi	ipment						
	T	ipment Pool Mech Lap Pool < Equipment Ladders, Dive B	oards Etc	At Lap Po	ol				
	12/8 I Final Clean Po	& Pool Deck Lap Pool							
	12/12   QC & Pre Punc 12/13   Complete QC	Pre-Punch Items Lap Pool							
		n Pool Design Team Lap Pool	I						
	12/22 A Lap Pool Com	plete I, Therapy Pool & Slide Cons	truction (I	nterior Fin	ishes & Fit-	out)			
		,				outy			
,593FF+1 day	10/5 Form Gutter Syste	For Rim Flow At Leisure Po	ol						
	10/5 Ţ Install Drain Pipe, I 10/7 Ţ Pour Leisure Pool	serts and Anchors Leisure P	ool Gutte	rs					
		Pool top Of Wall For Rim Flo	w						
		nd Field Tile For Gutter Syste		Pool					
	11/1 0 Install Lane Tile 11/10 Back Fill Deck A	Wall Target Tile Leisure Poo ea Leisure Pool	el de la companya de						
	11/16 Install Pool Dec	Drains & Tie Into Sump Pum	p Leisure	Pool					
		rains In Place Leisure Pool t-in components of play featu	ures Leisu	re Pool De	ck				
	11/30 Place & Finish	oncrete Leisure Pool Deck							
	12/7   Pool Slide Arriv 12/8   Erect Slide Tov								
	12/13 I Install Pool Sli								
		ng At Slide Tower Leisure Po	ol						
		lide Plume Leisure Pool Pool Slide Leisure Pool							
		Pool Slide Leisure Pool							
		n Pool Slide Leisure Pool Plaster Install including built	-in compo	nents of p	lay features	Leisure Po	ool		
3,692 4	1/6 ♦ Start Up Leis 1/9 Plaster Leisu	ure Pool Mechanical Units e Pool							
	1/12 T Start Up Poo	Euipment Pool Mech Leisure							
		ted play features Leisure poo ool & Start Up Pool Mechanic		ent					
		eck Equipment Ladders, Dive			ire Pool				
	1/20 I Final Clean 1/24   QC & Pre Pu	ool & Pool Deck Lleisure Pool	bl						
		& Pre-Punch Items Leisure F	Pool						
10 10 1	7	ion Pool Design Team Leisur	e Pool						
+12 days	1/30 ♦ Leisure Po 5/26 ♥ Vertical Circ	I Complete lation Interior Finishes & Fit-	out						
	11/8 🜉 Elevator								
1,452	11/8 I Rough In Elevato 11/14 I Rough In Elevato								
	11/21 (Install Car Platf								
	11/30 I Install Fire Prot								
	12/2 § Rough In Eleva 12/14 Install Car Fin								
	12/22 Sync Elevator	With Fire Alarm (need City's p	ohone line	s with ded	icated line a	available)			
	12/27 Complete Ele	ator Install & Ready For Inspe	ection						
	5/26 Main Stair #0	5 (SW) & Elevator Shaft-Low	er Level t	o Roof Inte	rior Finishe	s & Fit-out			
	5/26 I Install metal stair-Main Sta	r #015 (SW)							
	6/1   Prep & Pour stair pans & l	ndings-Main Stair #015 (SW)							
6	6/2   Protect stair pans & landir 6/3 Unfinished stair	ys-Main Stair #015 (SW) I use for workers & material h	handling #	015 (SW)					
1,640	11/8 Į Frame drywall-M	in Stair (SW)-Defer as long as			in stair #01	5			
1	5/26 Vertical Circ 11/8 Elevator 11/8 Elevator 11/8 Rough In Elevator 11/8 Rough In Elevator 11/14 Rough In Elevator 11/24 Install Car Platf 11/30 I install Car Platf 11/30 I install Car Platf 11/30 I install Car Platf 11/24 I Install Car Platf 11/25 I Sync Elevator 12/27 I Complete Ele 5/26 I Install metal stair-Main Sta 6/1 Prep & Pour stair pans & Indir 6/3 Unfinished stair 11/8 I Frame drywall-M 11/14 I Rough In Elevator 11/25 I Insulate drywall 11/14 I Rough In Elevator 11/28 I Insulate drywall 11/14 I Rough In Elevator 11/28 I Tape & finish 12/27 I Scaffold & Han 12/28 I Tape & finish 12/27 I Light fixtures 12/27 I Light fixtures 12/27 I Sprinkler head 12/23 I Remove stair	larm rough in Main Stair #21	5 (\$14/)						
1	11/14 Q Electrical & fire 11/28 I Insulate drywal	larm rough-in-Main Stair #01 Main Stair #015 (SW)	u (3VV)						
	11/14 I Roof drain leade	s (if any in this stairwell's wa	lls)-Main \$	Stair #015 (	SW)				
]	11/30 I Inspections-Ma 12/2 Scaffold & Han	n Stair #015 (SW) drywall-Main Stair #015 (SW	)						
	12/8 👔 Tape & finish d	ywall-Main Stair #015 (SW)							
9,647	12/16 I Prime & finish 12/23 Standpipes-M	paint walls, ceilings & stair m in Stair #015 (SW)	embers-N	lain Stair #	015 (SW)				
	12/27 Light fixtures	exit lighting-Main Stair #015	5 (SW)						
	12/27 Sprinkler head	s-Main Stair #015 (SW)	(6)4/2						
0	12/23 1 Diffusers/regi 12/30 Remove stair	ters & grilles-Main Stair #015 rotection-Main Stair #015 (SV							
					:				:

	CITY AND COUNTY OF DENVER / DENVER PARKS & RECREATION DISTRICT Quart 3rd Quart 11st Quart 13rd Quart 11st Quart 11st Quart 13rd Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 13rd Quart 11st Quart 13rd Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 11st Quart 13rd Quart 13rd Quart 13rd Quart 13rd Quart 11st Quart 13rd Quar														
1st Quart JanMa a	tQuart 3rdQuart 1stQuart 1stQuart 1stQuart 3rdQuart 1stQuart 1stQuart 3rdQuart 1stQuart 3rdQuart 1stQuart 1stQuart 1st Mala Julie o JanMala Julie o JanM														
				FOR	RELEAS	SE WIT	07-1 HBP#	0-15 PF 1 GMP	RELIMIN & 100%	IARY S DD's F	CHEDU FOR BP	ILE #2			



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ID	RESP	ESTON	Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	RAL DENVER RECREATION CENTER 3rd Quart   1st Quart   3rd Quart   1st Quart   3rd Quart   3rd Quart   3rd Quart   1st Quart   3rd Quart
350	02-SUBS		Install CUH-3 & TF-4 & terminate power to them at Main Stair #015 (SW)	2 days	Mon 1/2/17	Tue 1/3/17	0% 649	651FF+1 day	3rd Quart 1st Qu
51	02-SUBS		Stair tread & landing finishes (if any)-Main Stair #015 (SW)	2 days	Tue 1/3/17	Wed 1/4/17	0% 649,650FF+1 day	652	1/3 Stair tread & landing finishes (if any)-Main Stair #015 (SW)
52	99-ALL	M/S	Stairwell ready for pre-punch-Main Stair #015 (SW)	0 days	Wed 1/4/17		0% 651	471	1/4 🍐 Stairwell ready for pre-punch-Main Stair #015 (SW)
53	02-SUBS		NW Exterior Steel Grate Stair (Lower Level to 2nd Level) Interior Finishes & Fit-out	160 days	Thu 5/26/16	Wed 1/4/17	0%		5/26 WExterior Steel Grate Stair (Lower Level to 2nd Level) Interior Finishes & Fit-out
-	02-SUBS	_	Install metal stair-NW Exterior Steel Grate Stair	4 days	Thu 5/26/16	Tue 5/31/16	0% 353,363	655	5/26 I install metal stair-NW Exterior Steel Grate Stair
5	02-SUBS		Prime & finish paint stair members requiring painted finish-NW Exterior Steel Grate Stair	5 days	Wed 6/1/16	Tue 6/7/16	0% 654	656	6/1 👔 Prime & finish paint stair members requiring painted finish-NW Exterior Steel Grate Stair
6	02-SUBS		Finished stair in use for workers & material handling-NW Exterior Steel Grate	146 days	Wod 6/9/16	Wed 12/28/16	0% 655	658,657	6/8 Finished stair in use for workers & material handling-NW Exterior Steel Grate Stair
,	02-3063		Stair	140 days	wea 0/0/10	Wed 12/20/10	0 / 035	038,037	
7	02-SUBS		Exterior light fixtures-NW Exterior Steel Grate Stair	3 days	Thu 12/29/16	Mon 1/2/17	0% 656	659,658	12/29 T Exterior light fixtures-NW Exterior Steel Grate Stair
3	02-SUBS		Touch-up paint damaged stair finishes on steel items (if any)-NW Exterior Steel (	2 days	Tue 1/3/17		0% 656,657	659	1/3 † Touch-up paint damaged stair finishes on steel items (if any)-NW Exterior Steel Grate Stair
9	99-ALL 02-SUBS	M/S	Stainwell ready for pre-punch-NW Exterior Steel Grate Stair East Stair #116 (Lower Level to Mezzanine for Track Alternate) Interior	0 days 160 days	Wed 1/4/17 Thu 5/26/16		0% 658,657 0%	471	1/4 🌢 Stairwell ready for pre-punch-NW Exterior Steel Grate Stair 5/26 East Stair #116 (Lower Level to Mezzanine for Track Alternate) Interior Finishes & Fit-out
	12 0020		Finishes & Fit-out			ind in it	0,0		
1	02-SUBS		Install metal stair-East Stair #116	4 days	Thu 5/26/16		0% 353,365	662	5/26 👔 Install metal stair-East Stair #116
2	02-SUBS		Prep & Pour stair pans & landings-East Stair #116	1 day	Wed 6/1/16		0% 661	663 664	6/1   Prep & Pour stair pans & landings-East Stair #116 6/2   Protect stair pans & landings-East Stair #116
3	02-SUBS 02-SUBS		Protect stair pans & landings-East Stair #116 Frame drywall-East Stair #116	1 day 4 days	Thu 6/2/16 Fri 6/3/16		0% 662	666,668,665	6/3   Frame drywall-East Stair #116
5	02-SUBS		Roof drain leaders (if any in this stairwell's walls)-East Stair #116	3 days	Thu 6/9/16		0% 664	668	6/9 ] Roof drain leaders (If any in this stairwell's walls)-East Stair #116
5	02-SUBS		Electrical & fire alarm rough-in-East Stair #116	10 days	Wed 8/31/16		0% 664,467,468	667,668	8/31 0 Electrical & fire alarm rough-in-East Stair #116
7 B	02-SUBS 02-SUBS		Insulate drywall-East Stair #116	2 days	Wed 9/14/16		0% 666 0% 664,666,667,665	668 669	9/14 I Insulate drywall-East Stair #116
8	02-SUBS 02-SUBS		Inspections-East Stair #116 Scaffold & Hang drywall-East Stair #116	2 days 4 days	Fri 9/16/16 Tue 9/20/16		0% 668	669	9/16 Inspections-East Stair #116 9/20 I Scaffold & Hang drywall-East Stair #116
5	02-SUBS		Tape & finish drywall-East Stair #116	6 days	Mon 9/26/16		0% 669	671	9/26   Tape & finish drywall-East Stair #116
1	02-SUBS		Prime & finish paint walls, ceilings & stair members-East Stair #116	5 days		Mon 10/10/16	0% 670	675,673,676,672	10/4 Prime & finish paint walls, ceilings & stair members-East Stair #116
2	02-SUBS		Light fixtures & exit lighting-East Stair #116	3 days		Mon 10/17/16 Wed 10/12/16	0% 671,675	677	10/13 ĭ Light fixtures & exit lighting-East Stair #116 10/11 ⊤ Diffusers/registers & grilles-East Stair #116
74	02-SUBS 02-SUBS		Diffusers/registers & grilles-East Stair #116 Install CUH-2 & terminate power to it #116	2 days 2 days		Wed 10/12/16 Wed 10/12/16	0% 671 0% 673SS	678,677,674SS	10/11 T Install CUH-2 & terminate power to it #116
'5	02-SUBS		Standpipes-East Stair #116	2 days		Wed 10/12/16	0% 671	672,678,676	10/11 [Standpipes-East Stair #16
6	02-SUBS		Sprinkler heads-East Stair #116	2 days	Thu 10/13/16	Fri 10/14/16	0% 671,675	677	10/13 I Sprinkler heads-East Stair #116
77	02-SUBS		Finished stair in use for workers & material handling-East Stair #116	54 days	Tue 10/18/16		0% 673,676,672,674	678	10/18 Finished stair in use for workers & material handling-East Stair #116
79	02-SUBS 02-SUBS		Remove stair protection-East Stair #116 Stair tread & landing finishes (if any)-East Stair #116	1 day 2 days	Mon 1/2/17 Tue 1/3/17		0% 675,673,677 0% 678	679 680	1/2 Remove stair protection-East Stair #116 1/3 Stair tread & landing finishes (if any)-East Stair #116
30	99-ALL	M/S	Stairwell ready for pre-punch-East Stair #116	0 days	Wed 1/4/17	Wed 1/4/17	0% 679	471	1/4 🍐 Stairweil ready for pre-punch-East Stair #116
31	02-SUBS		FIRST LEVEL INTERIOR FINISHES & FIT-OUT	299 days	Mon 12/21/15		0%		12/21 FIRST LEVEL INTERIOR FINISHES & FIT-OUT
2	02-SUBS		Exterior Mechanical Well (PDU Units) Interior/Exterior Finishes	135 days	Mon 7/4/16	Fri 1/6/17	0%		7/4 Exterior Mechanical Well (PDU Units) Interior/Exterior Finishes & Fit-out
			& Fit-out						
3	02-SUBS 02-SUBS		Form, reinf, place, strip mech well housekeeping pads (if any) Set curbs & PDU-1 & 2 Installation (attempt to get set while steel erector's crane is on	3 days 5 days	Mon 7/4/16 Thu 7/7/16		0% 399,138FS-4 days 0% 138,683	684,694,685,686,687 690,386FF,685	.6 7/4 ¥ Form, reinf, place, strip mech well housekeeping pads (if any) 7/7 ¥ Set curbs & PDU-1 & 2 installation (attempt to get set while steel erector's crane is onsite)
╉	02-SUBS		Set curbs & APU-1 & 2 Installation (attempt to get set while steel elector's charle is on Set curbs & AHU-1	2 days	Thu 7/14/16	Fri 7/15/16	0% 683,684	690,686	7/14 i Set curbs & AHU-1
┥	02-SUBS		Set curbs & RTU-1 & 2	3 days	Mon 7/18/16		0% 683,685	690,687	7/18 I Set curbs & RTU-1 & 2
Ì	02-SUBS		Set curbs Coolerado evaporative coolers	2 days	Thu 7/21/16		0% 683,686	690,688	7/21 I Set curbs Coolerado evaporative coolers
	02-SUBS 02-SUBS		Set curbs & EF-3 & 6 (couldn't locate EF-2 on SD plans) Set curbs & EF-4 & 5 (all plastic type) - if actually mounted on the roof	2 days 2 days	Mon 7/25/16 Wed 7/27/16		0% 683,687 0% 683,688	689 690	7/25 ⊺ Set curbs & EF-3 & 6 (couldn't locate EF-2 on SD plans) 7/27 ⊺ Set curbs & EF-4 & 5 (all plastic type) - if actually mounted on the roof
	02-SUBS		Final hook-up of PDU, AHU,RTU, Ev Clr & EF duct, piping, electrical, controls, etc.	30 days	Fri 7/29/16		0% 684,685,686,687,0	1.1.1	7/29 — Final hook-up of PDU, AHU,RTU, Ev Clr & EF duct, piping, electrical, controls, etc.
1	02-SUBS		Start-up & testing of PDU and associated systems	10 days	Tue 11/8/16	Mon 11/21/16	0% 690,519,490	582,615,581SS+7 da	s 11/8 § Start-up & testing of PDU and associated systems
Ì	02-SUBS	M/S	Permanent Heating Functional	0 days	Fri 1/6/17	Fri 1/6/17	0% 691,690,520,580,		1/6 🏟 Permanent Heating Functional
	02-SUBS 02-SUBS	M/S	Permanent Cooling Functional Generator & ATS Installation (attempt to get set while steel erector's crane is onsite)	0 days 5 days	Fri 1/6/17 Thu 7/7/16		0% 690,691,520,580, 0% 683,166	11 615 695,386FF	1/6 🏟 Permanent Cooling Functional 7/7 3 Generator & ATS Installation (attempt to get set while steel erector's crane is onsite)
Ì	02-3083		Generator a Aris installation (attempt to get set write steel elector's charte is onsite)	Juays	1110 ////10	wed //13/10	0 /8 083,100	090,00011	
5	02-SUBS		Final hook-up of Generator & ATS	15 days	Thu 7/14/16	Wed 8/3/16	0% 694,513,514,515	696,519	7/14 😝 Final hook-up of Generator & ATS
	02-SUBS		Start-up & load testing of Generator	5 days		Mon 11/14/16	0% 695,519	472	11/8 Start-up & load testing of Generator
7	02-SUBS		Administration Offices Interior Finishes & Fit-out	109 days	Mon 7/4/16		0%		7/4 Administration Offices Interior Finishes & Fit-out
B 9	02-SUBS 02-SUBS		Layout Interior Walls-Administration Offices Install Large Duct-Administration Offices	2 days 7 days	Mon 7/4/16 Wed 7/6/16		0% 399	699,713 700	7/4 1 Layout Interior Walls-Administration Offices 7/6 1 Install Large Duct-Administration Offices
	02-SUBS		Install Interior Walls-Administration Offices	14 days	Fri 7/15/16		0% 699	701SS,703	7/15 a Install Interior Walls-Administration Offices
	02-SUBS		Rough In MEP & FP In Walls & Ceiling-Administration Offices	14 days	Fri 7/15/16		0% 700SS	702	7/15 👩 Rough in MEP & FP In Walls & Ceiling-Administration Offices
2	02-SUBS		Inspect Above Ceilings-Administration Offices	3 days	Thu 8/4/16	Mon 8/8/16	0% 701	703	8/4 I Inspect Above Ceilings-Administration Offices
3	02-SUBS 02-SUBS		Rock Tape & Finish Walls-Administration Offices Frame Soffits-Administration Offices	15 days 8 days	Tue 8/9/16 Tue 8/30/16		0% 702,700,462 0% 703	704	8/9 © Rock Tape & Finish Walls-Administration Offices 8/30 © Frame Soffits-Administration Offices
5	02-SUBS		Frame Ceilings-Administration Offices	6 days	Fri 9/9/16		0% 704	707.706	9/9 Frame Ceilings-Administration Offices
6	02-SUBS		Rock Tape & Finish Ceilings/Soffits-Administration Offices	15 days	Mon 9/19/16		0% 705	707	9/19 🔓 Rock Tape & Finish Ceillings/Soffits-Administration Offices
	02-SUBS		Install MEP & FP Finishes-Administration Offices	5 days	Mon 10/10/16	Fri 10/14/16	0% 705,706	709,708	10/10 I Install MEP & FP Finishes-Administration Offices
B 9	02-SUBS		ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Administration Offices	10 days			0% 707	709	10/17   ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Administration Offices
	02-SUBS 02-SUBS		Install Floor Finishes & casework-Administration Offices Final Paint Entry-Administration Offices	15 days	Mon 10/31/16 Mon 11/21/16		0% 707,708 0% 709	710 711	10/31 g Install Floor Finishes & casework-Administration Offices 11/21 T Final Paint Entry-Administration Offices
	00-A & P		Pre-Punch-Administration Offices	5 days	Fri 11/25/16		0% 710	472	11/25   Pre-Punch-Administration Offices
2	02-SUBS		Flexible Classrom Interior Finishes & Fit-out	109 days	Wed 7/6/16	Mon 12/5/16	0%		7/6 - Flexible Classrom Interior Finishes & Fit-out
3	02-SUBS		Layout Interior Walls-Flexible Classrom	2 days	Wed 7/6/16		0% 399,698	714,728	7/6 T Layout Interior Walls-Flexible Classrom
4 5	02-SUBS		Install Large Duct-Flexible Classrom	7 days	Fri 7/8/16		0% 713	715	7/8 1 Install Large Duct-Flexible Classrom
5	02-SUBS 02-SUBS		Install Interior Walls-Flexible Classrom Rough In MEP & FP In Walls & Ceiling-Flexible Classrom	14 days 14 days	Tue 7/19/16 Tue 7/19/16		0% 714 0% 715SS	716SS,718 717	7/19 0 Install Interior Walls-Flexible Classrom 7/19 0 Rough In MEP & FP In Walls & Ceiling-Flexible Classrom
,	02-SUBS 02-SUBS		Inspect Above Ceilings-Flexible Classrom	3 days	Mon 8/8/16		0% 716	718	8/8 T Inspect Above Ceilings-Flexible Classrom
3	02-SUBS		Rock Tape & Finish Walls-Flexible Classrom	15 days	Thu 8/11/16		0% 717,715,462	719	8/11 G Rock Tape & Finish Walls-Flexible Classrom
•	02-SUBS		Frame Soffits-Flexible Classrom	8 days	Thu 9/1/16		0% 718	720	9/1 👔 Frame Soffits-Flexible Classrom
	02-SUBS		Frame Ceilings-Flexible Classrom	6 days	Tue 9/13/16		0% 719	722,721	9/13 Frame Ceilings-Flexible Classrom
1	02-SUBS 02-SUBS		Rock Tape & Finish Ceilings/Soffits-Flexible Classrom Install MEP & FP Finishes-Flexible Classrom	15 days	Wed 9/21/16 Wed 10/12/16		0% 720 0% 720,721	722 724,723	9/21  Q Rock Tape & Finish Ceillings/Soffits-Flexible Classrom 10/12  Install MEP & FP Finishes-Flexible Classrom
			ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Flexible Classrom		Wed 10/12/16 Wed 10/19/16		0% 720,721	724,723	10/19 Q ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Flexible Classrom
	02-SUBS								
3	02-SUBS		Install Floor Finishes & casework-Flexible Classrom	15 days	Wed 11/2/16	Tue 11/22/16	0% 722,723	725	11/2 g Install Floor Finishes & casework-Flexible Classrom
2 3 4 5				15 days	Wed 11/23/16	Tue 11/22/16 Mon 11/28/16 Mon 12/5/16	0% 722,723 0% 724 0% 725	725 726 472	11/2 Install Floor Finishes & casework-Flexible Classrom 11/23 Final Paint Entry-Flexible Classrom 11/29 Pre-Punch-Flexible Classrom

1.1.0	CITY AND COUNTY OF DENVER / DENVER / DENVER / DENVER PARKS & RECREATION DISTRICT														
JanMa a	Jul e o	Jan Ma a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanMa   a	Jul e o	JanMa a	Jul e o	JanM			
							07-1	0-15 PI		NARY S	CHEDU	JLE			
				FOR	RELEAS	SE WIT	н ВР#	1 GMP	& 100%	, DD's F	OR BP	' #2			

							CENT	RAL DENVER RECREATION CENTER
ID	RESP ESTON Ta	sk Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart 1st Qu
728	02-SUBS	Layout Interior Walls-Child Watch	2 days		Mon 7/11/16	0% 399,713	729,743	
729	02-SUBS	Install Large Duct-Child Watch	7 days			0% 728	730	7/12 j Install Large Duct-Child Watch
730 731	02-SUBS	Install Interior Walls-Child Watch Rough In MEP & FP In Walls & Ceiling-Child Watch	14 days		Tue 8/9/16		731SS,733 732	7/21 o Install Interior Walls-Child Watch 7/21 o Rough In MEP & FP In Walls & Ceiling-Child Watch
732	02-SUBS 02-SUBS	Inspect Above Ceilings-Child Watch	14 days 3 days		Tue 8/9/16 Fri 8/12/16		733	8/10 T Inspect Above Ceilings-Child Watch
733	02-SUBS	Rock Tape & Finish Walls-Child Watch	15 days		Fri 9/2/16		734	8/15 @ Rock Tape & Finis Walls-Child Watch
734	02-SUBS	Frame Soffits-Child Watch	8 days	Mon 9/5/16	Wed 9/14/16		735	9/5 © Frame Soffits-Child Watch
735	02-SUBS	Frame Ceilings-Child Watch	6 days		Thu 9/22/16		737,736	9/15 g Frame Collings-Child Watch
736	02-SUBS	Rock Tape & Finish Ceilings/Soffits-Child Watch	15 days		Thu 10/13/16	0% 735	737	9/23 🔒 Rock Tape & Finish Ceilings/Soffita-Child Watch
737	02-SUBS	Install MEP & FP Finishes-Child Watch	5 days	Fri 10/14/16	Thu 10/20/16	0% 735,736	739,738	10/14 1 Install MEP & FP Finishes-Child Watch
738	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Child Watch	10 days	Fri 10/21/16	Thu 11/3/16	0% 737	739	10/21 👔 ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Child Watch
739	02-SUBS	Install Floor Finishes & casework including MDF stained/painted inlay feature work	20 days	Fri 11/4/16	Thu 12/1/16	0% 737,738	740	11/4 🥥 Install Floor Finishes & casework including MDF stained/painted inlay feature work that has been added-Child Watc
		that has been added-Child Watch						
740	02-SUBS	Final Paint Entry-Child Watch	6 days		Fri 12/9/16		741	12/2   Final Paint Entry-Child Watch
741 742	00-A & P	Pre-Punch-Child Watch	5 days		Fri 12/16/16		472	12/12 T Pro-Punch-Child Watch
	02-SUBS	<b>Restrooms &amp; Janitor's Closet Interior Finishes &amp; Fit-out</b>	106 days					7/12 Restrooms & Janitor's Closet Interior Finishes & Fit-out
743	02-SUBS	Layout Interior Walls-RR's & JC	2 days	Tue 7/12/16	Wed 7/13/16		744,760	7/12 [ Layout Interior Walls-RR's & JC
744 745	02-SUBS	Install Large Duct-RR's & JC	7 days		Fri 7/22/16		745 746SS.748	7/14 j Install Large Duct-RR's & JC
745	02-SUBS 02-SUBS	Install Interior Walls-RR's & JC Rough In MEP & FP In Walls & Ceiling-RR's & JC	14 days				74655,748	7/25 o Install Interior Walls-RR's & JC 7/25 o Rough In MEP & FP In Walls & Ceiling-RR's & JC
740	02-SUBS	Inspect Above Ceilings-RR's & JC	14 days 3 days		Thu 8/11/16 Tue 8/16/16		748	8/12 I hoped Above CellingsRrs & JC
748	02-SUBS	Rock Tape & Finish Walls-RR's & JC	15 days		Tue 9/6/16		749	8/17 @ Rock Tape & Finish Walls-RP's & JC
749	02-SUBS	Frame Soffits-RR's & JC	8 days		Fri 9/16/16		750	9/7 g Frame Soffits-RR's & JC
750	02-SUBS	Frame Ceilings-RR's & JC	6 days				752,751	9/19 p Frame Ceilings-RR's & JC
751	02-SUBS	Rock Tape & Finish Ceilings/Soffits-RR's & JC	15 days				752	9/27 g Rock Tape & Finish Ceilings/Soffits-RR's & JC
752	02-SUBS	Install MEP & FP Finishes-RR's & JC	5 days		Mon 10/24/16	0% 750,751	754,753	10/18 I Install MEP & FP Finishes-RR's & JC
753	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-RR's & JC	10 days	Tue 10/25/16	Mon 11/7/16	0% 752	755	10/25 👔 ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-RR's & JC
754	02-SUBS	Install Tile Wall & Floor Finishes & casework-RR's & JC	15 days	Tue 10/25/16	Mon 11/14/16	0% 752	755	10/25 🧧 Install Tile Wall & Floor Finishes & casework-RR's & JC
755	02-SUBS	Final Paint-RR's & JC	4 days	Tue 11/15/16	Fri 11/18/16	0% 753,754	758,756	11/15 [ Final Paint-RR's & JC
756	02-SUBS	Set Plumbing Fixtures-RR's & JC	4 days		Thu 11/24/16		757	11/21 I Set Plumbing Fixtures-RR's & JC
757	02-SUBS	Toilet Partitions & Accessories-RR's & JC	3 days				758	11/25 I Toilet Partitions & Accessories-RR's & JC
758 759	00-A & P	Pre-Punch-RR's & JC	5 days		Tue 12/6/16		472	11/30 j Pre-Punch-RR's & JC
759	02-SUBS	FRONT DESK/LOBBY/MAIN ENTRY-Front Desk/Lobby/Main Entry-Interior Finishes & Fit-out	84 days	Thu 7/14/16	Tue 11/8/16	0%		7/14 FRONT DESK/LOBBY/MAIN ENTRY-Front Desk/Lobby/Main Entry-Interior Finishes & Fit-out
760	02-SUBS	Layout Interior Walls Entry, Lounge, Offices, Child Watch	2 days	Thu 7/14/16	Fri 7/15/16	0% 399,743	761	7/14 I Layout Interior Walls Entry, Lounge, Offices, Child Watch
761	02-SUBS	Install Large Duct In Entry, Lounge, Offices, Child Watch	7 days	Mon 7/18/16	Tue 7/26/16	0% 760	762	7/18 👔 Install Large Duct In Entry, Lounge, Offices, Child Watch
762	02-SUBS	Install Interior Walls Entry, Lounge, Offices, Child Watch	14 days		Mon 8/15/16		763SS,765	7/27 🥥 Install Interior Walls Entry, Lounge, Offices, Child Watch
763	02-SUBS	Rough In MEP & FP In Walls & Ceiling Entry, Lounge, Offices, Child Watch	14 days		Mon 8/15/16		764	7/27 🧕 Rough In MEP & FP In Walls & Ceiling Entry, Lounge, Offices, Child Watch
764	02-SUBS	Inspect Above Ceilings Entry, Lounge, Offices, Child Watch	3 days		Thu 8/18/16		765	8/16 I Inspect Above Ceilings Entry, Lounge, Offices, Child Watch
765	02-SUBS	Rock Tape & Finish Walls at Entry, Lounge, Offices, Child Watch	15 days	Fri 8/19/16	Thu 9/8/16		766	8/19 @ Rock Tape & Finish Walls at Entry, Lounge, Offices, Child Watch
766 767	02-SUBS 02-SUBS	Frame Soffits At Entry, Lounge, Offices, Child Watch	8 days		Tue 9/20/16 Wed 9/28/16		767 769.768	9/9 g Frame Soffits At Entry, Lounge, Offices, Child Watch
768	02-SUBS	Frame Ceilings at Entry, Lounge, Offices, Child Watch A&P & Subs fit-out IDF Room #113-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipment, FR plywood mounted on walls where required, lighting installed, door & hardware in place. Concrete sealer after City is finished)	6 days 15 days		Wed 10/19/16		522,773	9/21   Frame Collings at Entry, Lounge, Offices, Child Watch 9/29 @ A&P & Subs fit-out IDF Room #113-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipmen
769	02-SUBS	Install MEP & FP Finishes Entry, Lounge, Offices, Child Watch	5 days	Thu 9/29/16	Wed 10/5/16	0% 767	771,770SS+4 days	9/29   Install MEP & FP Finishes Entry, Lounge, Offices, Child Watch
770	02-SUBS	Install CUH-1 in entry vestibule	1 day		Wed 10/5/16		773	10/5   Install CUH-1 in entry vestibule
771	02-SUBS	Install Floor Finishes & casework-Entry Area	15 days		Wed 10/26/16		772	10/6 g Install Floor Finishes & casework-Entry Area
772	02-SUBS	Final Paint Entry, Lounge, Offices, Child Watch	4 days				773	10/27 [ Final Paint Entry, Lounge, Offices, Child Watch
773 774	00-A & P 02-SUBS	Pre-Punch Entry, Lounge, Offices, Child Watch Retail Alternate 3.C (stand-alone +/- 3,000 sf cold/dark shell)	5 days 299 days	Wed 11/2/16 Mon 12/21/15	Tue 11/8/16 Thu 2/9/17		472	11/2         Pre-Punch Entry, Lounge, Offices, Child Watch           12/21         Retail Alternate 3.C (stand-alone +/- 3,000 sf cold/dark shell) Interior Finishes & Fit-out
775	00-CACD	Interior Finishes & Fit-out Make Decision on Retail Alternate 3.C (stand-alone +/- 3,000 sf cold/dark shell)	60 days	Mon 12/21/15	Fri 3/11/16	0% 117	776	12/21 Make Decision on Retail Alternate 3.C (stand-alone +/- 3,000 sf cold/dark shell)
776	00-CACD	Retail Alternate 3.C-Award & procure materials (stand-alone +/- 3,000 sf cold/dark	150 days		Fri 10/7/16		777	3/14 Retail Alternate 3.C-Award & procure materials (stand-alone +/-3,000 sf cold/dark shell)
		shell)						
777	02-SUBS	Structural Excavation, Foundations & Backfill-Retail Cold Dark shell	15 days	Mon 10/10/16	Fri 10/28/16	0% 776	778	10/10 🖕 Structural Excavation, Foundations & Backfill-Retail Cold Dark shell
778	02-SUBS	MEP Undeground (if part of scope)-Retail Cold Dark shell	5 days	Mon 10/31/16	Fri 11/4/16		779	10/31 I MEP Undeground (if part of scope)-Retail Cold Dark shell
779	02-SUBS	Steel Structure-Retail Cold Dark shell	10 days				780	11/7 g Steel Structure-Retail Cold Dark shell
780	02-SUBS	Roof Deck-Retail Cold Dark shell		Mon 11/21/16			781	11/21 I Roof Deck-Retail Cold Dark shell
781	02-SUBS	Prep & pour Slab on Grade (if part of scope)-Retail Cold Dark shell		Thu 11/24/16			782	11/24 I Prep & pour Slab on Grade (if part of scope)-Retail Cold Dark shell
782	02-SUBS	Exterior wall framing-Retail Cold Dark shell		Tue 11/29/16			783	11/29  Exterior wall framing-Retail Cold Dark shell
783	02-SUBS	Exterior sheathing-Retail Cold Dark shell		Tue 12/13/16			787,784	12/13 J Exterior sheathing-Retail Cold Dark shell
784	02-SUBS	Roof blocking-Retail Cold Dark shell	3 days				785	12/20 T Roof blocking-Retail Cold Dark shell
785 786	02-SUBS	Roof curbs-Retail Cold Dark shell	2 days				786 790	12/23 PRoof curbs-Retail Cold Dark shell
786	02-SUBS 02-SUBS	Roofing system-Retail Cold Dark shell Exterior wall insulation-Retail Cold Dark shell	5 days				790	12/27 Roofing system-Retail Cold Dark shell 12/20 Exterior wall insulation-Retail Cold Dark shell
787	02-SUBS	Exterior wall insulation-Retail Cold Dark shell Exterior wall cladding-Retail Cold Dark shell	5 days 20 days				789	12/20 Exterior wall insulation-ketail Cold Dark shell
788	02-SUBS	Windows, storefronts & entries-Retail Cold Dark shell	20 days 10 days		Mon 1/23/17 Mon 2/6/17		790	1/22 0 Windows, storefronts & entries-Retail Cold Dark shell
790	00-A & P	Pre-Punch-Retail Cold Dark shell	3 days		Thu 2/9/17		996	2/7 T Pre-Punch-Retail Cold Dark shell
791	02-SUBS	SECOND LEVEL INTERIOR FINISHES & FIT-OUT	136 days					8/8 SECOND LEVEL INTERIOR FINISHES & FIT-OUT
792	02-SUBS	Gymnasium & Gym Storage Interior Finishes & Fit-out	119 days		Mon 2/13/17			8/31 Gymnasium & Gym Storage Interior Finishes & Fit-out
793	02-SUBS	Layout Gymnasium	2 days		Thu 9/1/16		794	8/31 T Layout Gymnasium
794	02-SUBS	Install Large Duct In Gymnasium	7 days	Fri 9/2/16			795	97 2 Insport Journalian 99 2 Insport 99 2 Insp
795	02-SUBS	Rough In MEP & FP In Walls Gymnasium	14 days				796	9/13 @ Rough In MEP &FP In Walls Gymnasium
796	02-SUBS	Inspect Ceilings Gymnasium	3 days				797	10/3 j Inspect Ceilings Gymnasium
797	02-SUBS	Rock Tape & Finish Walls Gymnasium	15 days		Wed 10/26/16		798	10/6 🔒 Rock Tape & Finish Walis Gymnasium
798	02-SUBS	Frame Soffits At Gymnasium	8 days	Thu 10/27/16	Mon 11/7/16	0% 797	799	10/27 9 Frame Soffits At Gymnasium
799	02-SUBS	Frame Ceilings at Gymnasium	6 days	Tue 11/8/16	Tue 11/15/16	0% 798	800	11/8 Frame Ceilings at Gymnasium
800	02-SUBS	Install MEP & FP Finishes Gymnasium	5 days	Wed 11/16/16	Tue 11/22/16	0% 799	801	11/16 Install MEP & FP Finishes Gymnasium
801	02-SUBS	Install Light Fixtures In Ceiling At Gymnasium	5 days	Wed 11/23/16	Tue 11/29/16		802	11/23 👔 Install Light Fixtures In Ceiling At Gymnasium
802	02-SUBS	Install Basketball Backstops In Ceiling Gymnasium	4 days	Wed 11/30/16	Mon 12/5/16	0% 801	803	11/30 Install Basketball Backstops In Ceiling Gymnasium
	00.01/0.0	Install Floor Sleeves Gymnasium	2 days	Tue 12/6/16	Wed 12/7/16	0% 802	804	12/6 I Install Floor Sleeves Gymnasium
803 804	02-SUBS 02-SUBS	Final Paint Ceiling Gymnasium		Thu 12/8/16			805	12/8 Final Paint Ceiling Gymnasium

Adolfson & Peterson Construction

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Quart Ma a	3rd Quart Jul e o	1st Quart Jan Ma a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	1st Quart JanMa a	3rd Quart Jul e o	Jani
atch												
ent, FR	plywood n	nounted or	n walls whe	re required	, lighting in	istalled, do	or & hardw	are in place	e. Concrete	e sealer aft	er	
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		CTURE						XHIBIT PROJECT SCHEDULE ITRAL DENVER RECREATION CENTER	CITY AND COUNTY OF DENVER / DENVER PARKS & RECREATION DISTRIC
ID	RESP _ESTON Task Name	9	Duration	Start	Finish 9	6 Comp Predecessors	Successors	3rd Quart 1st Qu	Quart   1st Quart   3rd Quart   1st Quart   3rd Quart   1st Quart   3rd Quart   1st e   o Jan Ma   a   Jul   e   o Jan Ma   a   Jul   e   o Jan Ma   a   Jul   e   o Jan
805	02-SUBS	Bring Wood Flooring To Project To Acclimate Gymnasium			Wed 12/14/16	0% 804,921	806		
06	02-SUBS	Start Up Mechanical Equipment To Maintain Temp For Wood Acclimation Gymnasium	1 day	Thu 12/15/16	Thu 12/15/16	0% 805,527,468,447	807	12/15 Start Up Mechanical Equipment To Maintain Temp For Wood Acclimation Gymnasium	
07	02-SUBS	Install Wood Flooring Underlayment Gymnasium	8 days	Fri 12/16/16	Tue 12/27/16	0% 806	808	12/16 g Install Wood Flooring Underlayment Gymnasium	
308	02-SUBS	Install Wood Flooring Gymnasium	, .	Wed 12/28/16	-	0% 807	809	12/28 g Install Wood Flooring Gymnasium	
309 310	02-SUBS 02-SUBS	Sand & Prep Wood Flooring For Finish Gymnasium	4 days 2 days	Mon 1/9/17 Fri 1/13/17		0% 808 0% 809	810	1/9 Sand & Prep Wood Flooring For Finish Gymnasium	
311	02-SUBS	Seal Wood Floor Gymnasium Stripe and Paint Wood Floor Gymnasium	2 days 5 days	Tue 1/17/17		0% 810	812	1/13 I Seal Wood Floor Gymnasium 1/17 Stripe and Paint Wood Floor Gymnasium	
312	02-SUBS	Final Coats Wood Floor Finish Gymnasium	5 days	Tue 1/24/17		0% 811	813	124   Final Coats Wood Floor Finish Gymnasium	
813	02-SUBS	Final Paint Gymnasium	4 days	Tue 1/31/17	Fri 2/3/17	0% 812	814	1/31 I Final Paint Gymnasium	
814	00-A & P	Pre-Punch Gymnasium	6 days	Mon 2/6/17		0% 813	472FF+3 days	2/6 Pro-Punch Gymnasium	
815	02-SUBS	Group Exercise Interior Finishes & Fit-out	99 days		Thu 12/22/16	0%		8/8 Couperative Section Principles & Fit-out	
816	02-SUBS 02-SUBS	Layout Interior Walls-Group Excercise Install Large Duct-Group Excercise	2 days 7 days	Mon 8/8/16 Wed 8/10/16		0% 462,404,916 0% 816	817,831 818	8/8 Ţ Layout Interior Walls-Group Excercise 8/10 ≬ Install Large Duct-Group Excercise	
818	02-SUBS	Install Interior Walls-Group Excercise	14 days	Fri 8/19/16		0% 817	81955,821	8/19 and Interior Walls-Group Excercise	
819	02-SUBS	Rough In MEP & FP In Walls & Ceiling-Group Excercise	14 days	Fri 8/19/16	Wed 9/7/16	0% 818SS	820	8/19 © Rough In MEP & FP In Walls & Ceiling-Group Excercise	
820	02-SUBS	Inspect Above Ceilings-Group Excercise	3 days	Thu 9/8/16		0% 819	821	9/8 I Inspect Above Ceilings-Group Excercise	
821	02-SUBS	Rock Tape & Finish Walls-Group Excercise	15 days		Mon 10/3/16	0% 820,818	822	9/13 @ Rock Tape & Finish Walls-Group Excercise	
822 823	02-SUBS 02-SUBS	Frame Soffits-Group Excercise Frame Ceilings-Group Excercise	8 days 6 days	Tue 10/4/16 Fri 10/14/16		0% 821	823 825,824	10/4 0 Frame Soffits-Group Excercise 10/14 0 Frame Ceilings-Group Excercise	
824	02-SUBS	Rock Tape & Finish Ceilings/Soffits-Group Excercise		Mon 10/24/16		0% 823	825	10/24 @ Rock Tape & Finish Ceiling/Soffits-Group Exercise	
825	02-SUBS	Install MEP & FP Finishes-Group Excercise	5 days	Mon 11/14/16	Fri 11/18/16	0% 823,824	827,826	11/14 Thstall MEP & FP Finishes-Group Excercise	
826	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Group Excercise	10 days	Mon 11/21/16	Fri 12/2/16	0% 825	828	11/21 @ ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Group Excercise	
827	02-SUBS	Install Floor Finishes & casework-Group Excercise		Mon 11/21/16		0% 825	828	11/21 g install Floor Finishes & casework-Group Excercise	
828 829	02-SUBS 00-A & P	Final Paint-Group Excercise			Thu 12/15/16	0% 826,827	829 472	12/12 I Final Paint-Group Excercise	
829 830	00-A & P 02-SUBS	Pre-Punch-Group Excercise Restrooms & Storage Interior Finishes & Fit-out	5 days 106 days	Fri 12/16/16 Wed 8/10/16	Thu 12/22/16 Wed 1/4/17	0% 828 0%	412	12/16 Pre-Punch-Group Excercise 8/10 Restrooms & Storage Interior Finishes & Fit-out	
831	02-SUBS	Layout Interior Walls-RR's & Storage	2 days			0% 462,816,404,916	832,848	8/10 T Layout Interior Walls-RR's & Storage	
832	02-SUBS	Install Large Duct-RR's & Storage	2 days 7 days	Fri 8/12/16		0% 831	833	8/12_0 Install Large Duct RRY's & Storage	
833	02-SUBS	Install Interior Walls-RR's & Storage	14 days	Tue 8/23/16		0% 832	834SS,836	8/23 @ Install Interior Walls-RR's & Storage	
834	02-SUBS	Rough In MEP & FP In Walls & Ceiling-RR's & Storage	14 days	Tue 8/23/16	Fri 9/9/16	0% 833SS	835	8/23 © Rough In MEP & FP In Walls & Ceiling-RR's & Storage	
835	02-SUBS	Inspect Above Ceilings-RR's & Storage	3 days			0% 834	836	9/12 I Inspect Above Ceilings RR's & Storage	
836	02-SUBS 02-SUBS	Rock Tape & Finish Walls-RR's & Storage	15 days	Thu 9/15/16		0% 835,833	837 838	9/15 g Rock Tape & Finish Walls-RR's & Storage	
837	02-SUBS 02-SUBS	Frame Soffits-RR's & Storage Frame Ceilings-RR's & Storage	8 days		Mon 10/17/16 Tue 10/25/16	0% 836	840,839	10/6 g Frame Soffits-RR's & Storage 10/18 g Frame Ceilings-RR's & Storage	
839	02-SUBS	Rock Tape & Finish Ceilings/Soffits-RR's & Storage			Tue 11/15/16	0% 838	840	10/26 @ Rock Tape & Finish Ceiling/Soffits-RR's & Storage	
840	02-SUBS	Install MEP & FP Finishes-RR's & Storage			Tue 11/22/16	0% 838,839	842,841	11//6 install MEP & FP Finishes-RR's & Storage	
841	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-RR's & Storage	10 days	Wed 11/23/16	Tue 12/6/16	0% 840	843	11/23 Q ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-RR's & Storage	
842	02-SUBS	Install Tile Wall & Floor Finishes & casework-RR's & Storage			Tue 12/13/16	0% 840	843	11/23 g Install Tile Wall & Floor Finishes & casework-RR's & Storage	
843	02-SUBS	Final Paint-RR's & Storage			Mon 12/19/16	0% 841,842	846,844	12/14 1 Final Paint-RR's & Storage	
844 845	02-SUBS 02-SUBS	Set Plumbing Fixtures-RR's & Storage Toilet Partitions & Accessories-RR's & Storage			Fri 12/23/16 Wed 12/28/16	0% 843 0% 844	845	12/20 [ Set Plumbing Fixtures-RR's & Storage 12/26 [ Toilet Partitions & Accessories-RR's & Storage	
846	00-A & P	Pre-Punch-RR's & Storage			Wed 1/4/17	0% 843,845	472	1220 J Other Familine & Accessiones-risk a Jordage	
847	02-SUBS	Fitness Studio Interior Finishes & Fit-out	99 days		Wed 12/28/16	0%		8/12 June Fitness Studio Interior Finishes & Fit-out	
848	02-SUBS	Layout Interior Walls-Fitness Studio	2 days	Fri 8/12/16	Mon 8/15/16	0% 462,831,404,916	849,864	8/12 T Layout Interior Walls-Fitness Studio	
849	02-SUBS	Install Large Duct-Fitness Studio	7 days	Tue 8/16/16	Wed 8/24/16	0% 848	850	8/16   Install Large Duct-Fitness Studio	
850	02-SUBS	Install Interior Walls-Fitness Studio	14 days	Thu 8/25/16		0% 849	851SS,853	8/25 g Install Interior Walls-Fitness Studio	
851	02-SUBS	Rough In MEP & FP In Walls & Ceiling-Fitness Studio	14 days	Thu 8/25/16		0% 850SS	852	8/25 g Rough In MEP & FP In Walls & Ceiling-Fitness Studio	
852 853	02-SUBS 02-SUBS	Inspect Above Ceilings-Fitness Studio Rock Tape & Finish Walls-Fitness Studio	3 days 15 days	Wed 9/14/16 Mon 9/19/16		0% 851 0% 852,850	853 855,854	9/14 I Inspect Above Ceilings-Fitness Studio 9/19 @ Rock Tape & Finish Walls-Fitness Studio	
854	02-SUBS	A&P & Subs fit-out IDF Room #213-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipment, FR plywood mounted on walls where required, lighting installed, door & hardware in place. Concrete sealer after City is finished)			Fri 10/28/16	0% 853	862	10/10 A&P & Subs fit-out IDF Room #213-Cat-6 Cables brought to room, cable tray hung, power provided for City's equipment, FR plywood mounted on walls where required, I	hting installed, door & hardware in place. Concrete sealer after
855	02-SUBS	Frame Soffits-Fitness Studio	8 davs	Mon 10/10/16	Wed 10/19/16	0% 853	856	10/10 g Frame Soffits-Fitness Studio	
856	02-SUBS	Frame Ceilings-Fitness Studio			Thu 10/27/16	0% 855	858,857	10/20 Frame Ceilings-Fitness Studio	
857	02-SUBS	Rock Tape & Finish Ceilings/Soffits-Fitness Studio	15 days		Thu 11/17/16	0% 856	858	10/28 🧧 Rock Tape & Finish Ceilings/Soffits-Fitness Studio	
858	02-SUBS	Install MEP & FP Finishes-Fitness Studio			Thu 11/24/16	0% 856,857	860,859	11/18 Install MEP & FP Finishes-Fitness Studio	
859 860	02-SUBS 02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Fitness Studio Install Floor Finishes & casework-Fitness Studio	10 days		Thu 12/8/16	0% 858	861 861	11/25 Q ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Fitness Studio	
860	02-SUBS 02-SUBS	Install Floor Finishes & casework-Fitness Studio Final Paint-Fitness Studio	15 days 4 days		Thu 12/15/16 Wed 12/21/16	0% 858	861	11/25 0 Install Floor Finishes & casework-Fitness Studio 12/16   Final Paint-Fitness Studio	
862	00-A & P	Pre-Punch-Fitness Studio			Wed 12/28/16	0% 861,854	472		
863	02-SUBS	Plyometrics Interior Finishes & Fit-out (is it two floors of space	99 days		Fri 12/30/16	0%		8/16 Plyometrics Interior Finishes & Fit-out (is it two floors of space or two stories tall?)	
		or two stories tall?)							
864	02-SUBS	Layout Interior Walls-2nd LvI Plyometrics	2 days	Tue 8/16/16		0% 462,848,404,916	865,879	8/16 I Layout Interior Walls-2nd Lvi Plyometrics	
865	02-SUBS	Install Large Duct-2nd LvI Plyometrics	7 days	Thu 8/18/16		0% 864	866	8/18 g Install Large Duct-2nd LV Plyometrics	
866	02-SUBS	Install Interior Walls-2nd LvI Plyometrics	14 days			0% 865	867SS,869	8/29 g Install Interior Walls-2nd LVP Pyometrics	
867	02-SUBS 02-SUBS	Rough In MEP & FP In Walls & Ceiling-2nd Lvl Plyometrics Inspect Above Ceilings-2nd Lvl Plyometrics	14 days 3 days	Mon 8/29/16 Fri 9/16/16		0% 866SS 0% 867	868	8/29 © Rough In MEP & FP In Walls & Ceiling-2nd Lvl Plyometrics 9/16 T Inspect Above Ceilings-2nd Lvl Plyometrics	
869	02-SUBS	Rock Tape & Finish Walls-2nd Lvl Plyometrics			Tue 10/11/16	0% 868,866	870	9/21 @ Rock Tape & Finish Walls-2nd Lu Plyometrics	
870	02-SUBS	Frame Soffits-2nd LvI Plyometrics			Fri 10/21/16	0% 869	871	10/12 © Frame Soffits-2nd Lvi Plyometrics	
871	02-SUBS	Frame Ceilings-2nd Lvl Plyometrics			Mon 10/31/16	0% 870	873,872	10/24 Frame Ceilings-2nd Lvl Plyometrics	
872	02-SUBS	Rock Tape & Finish Ceilings/Soffits-2nd Lvl Plyometrics			Mon 11/21/16	0% 871	873	11/1 G Rock Tape & Finish Ceilings/Soffits-2nd Lvl Pyometrics	
873 874	02-SUBS	Install MEP & FP Finishes-2nd Lvl Plyometrics			Mon 11/28/16	0% 871,872	875,874	11/22 Install MEP & FP Finishes-2nd Lvl Plyometrics	
374 375	02-SUBS 02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-2nd Lvl Plyometrics Install Floor Finishes & casework-2nd Lvl Plyometrics			Mon 12/12/16 Mon 12/19/16	0% 873 0% 873	876 876	11/29  ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-2nd Lvl Plyometrics 11/29  Install Floor Finishes & casework-2nd Lvl Plyometrics	
875	02-SUBS	Final Paint Entry-2nd Lvl Plyometrics			Fri 12/23/16	0% 874,875	876	11/29 install Floor Finishes & Casework-2nd Lvi Plyometrics	
877	00-A & P	Pre-Punch-2nd Lvl Plyometrics			Fri 12/23/16	0% 876	472	1225 [ Pre-Punch-and Lun Pynemetrics]	
878	02-SUBS	Cardio/Weight Room-Interior Finishes & Fit-out	99 days	Thu 8/18/16		0%	-	8/18 Cardio/Weight Room-Interior Finishes & Fit-out	
379	02-SUBS	Layout Interior Walls-Cardio/Weight Rm	2 days	Thu 8/18/16		0% 462,864,404,916	880,897	8/18 1 Layout Interior Walls-CardioWeight Rm	
180	02-SUBS	Install Large Duct-Cardio/Weight Rm	7 days		Tue 8/30/16	0% 879	881	8/22 1 Install Large Duct-Cardio/Weight Rm	
381	02-SUBS	Install Interior Walls-Cardio/Weight Rm	14 days			0% 880	882SS,884	8/31 o Install Interior Walls-Cardio/Weight Rm	
82	02-SUBS	Rough In MEP & FP In Walls & Ceiling-Cardio/Weight Rm	14 days	Wed 8/31/16	Mon 9/19/16	0% 881SS	883	8/31 © Rough In MEP & FP In Walls & Ceiling-Cardio/Weight Rm	



	RINKER SEACAT						EXH CENTF	AL DENVER RECREATION CENTER
ID		NTask Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart, 1 st Quart, 1 3rd Quart, 1 st Quart, 1 3rd Quart, 1 1 st Quart, 1 3rd Quart, 1 3rd Quart, 1 1 st Quart, 1 3rd Quart, 1 1 st Quart, 1 3rd Quart
883	02-SUBS	Inspect Above Ceilings-Cardio/Weight Rm	3 days	Tue 9/20/16	Thu 9/22/16	0% 882	884	9/20 Inspect Above Ceilings-Cardio/Weight Rm
884 885	02-SUBS	Rock Tape & Finish Walls-Cardio/Weight Rm Frame Soffits-Cardio/Weight Rm	15 days	Fri 9/23/16	Thu 10/13/16 Tue 10/25/16	0% 883,881	885	9/23
885	02-SUBS	Frame Soffits-Cardio/Weight Rm Frame Ceilings-Cardio/Weight Rm	8 days	Fri 10/14/16 Wed 10/26/16	Tue 10/25/16 Wed 11/2/16	0% 884	888,887	10/14 g Frame Somts-Lardio/Weight Km
887	02-SUBS	Rock Tape & Finish Ceilings/Soffits-Cardio/Weight Rm	15 days		Wed 11/2/16 Wed 11/23/16	0% 886	888	11/2 O Rock Tape & Finish Ceilings/Soffits-Cardio/Weight Rm
888	02-SUBS	Install MEP & FP Finishes-Cardio/Weight Rm	5 days			0% 886,887	892,891,889SS+2 days	11/24 I Install MEP & FP Finishes-Cardio/Weight Rm
889	02-SUBS	Install back boxes, supports, conduit & wire to the two HVLS fans-CF-1 & 2	4 days		Thu 12/1/16	0% 888SS+2 days	890	11/28 [ Install back boxes, supports, conduit & wire to the two HVLS fans-CF-1 & 2
890	02-SUBS	Hang HVLS CF-1 & 2 fans & terminate wiring	2 days		Mon 12/5/16	0% 889	891	12/2 T Hang HVLS CF-1 & 2 fans & terminate wiring
891	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Cardio/Weight Rm	10 days	Tue 12/6/16	Mon 12/19/16	0% 888,890	893	12/6 JACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Cardio/Weight Rm
892	02-SUBS	Install Floor Finishes & casework-Cardio/Weight Rm	15 days	Thu 12/1/16	Wed 12/21/16	0% 888	893	12/1 👩 Install Floor Finishes & casework-Cardio/Weight Rm
893	02-SUBS	Final Paint-Cardio/Weight Rm	4 days	Thu 12/22/16	Tue 12/27/16	0% 891,892	894	12/22 Final Paint-Cardio/Weight Rm
894	00-A & P	Pre-Punch-Cardio/Weight Rm	5 days	Wed 12/28/16	Tue 1/3/17	0% 893	472	12/28 Pre-Punch-Cardio/Weight Rm
895	02-SUBS	MEZZANINE LEVEL INTERIOR FINISHES & FIT-OUT	274 days	Mon 12/21/15	Thu 1/5/17	0%		12/21 A MEZZANINE LEVEL INTERIOR FINISHES & FIT-OUT
896	02-SUBS	Plyometrics Interior Finishes & Fit-out (is it two floors of space or two stories tall?)	99 days	Mon 8/22/16	Thu 1/5/17	0%		8/22 Plyometrics Interior Finishes & Fit-out (is it two floors of space or two stories tall?)
897	02-SUBS	Layout Interior Walls-Mz LvI Plyometrics	2 days	Mon 8/22/16	Tue 8/23/16	0% 879,462,404,916	898	8/22 I Layout Interior Walls-Mz LvI Plyometrics
898	02-SUBS	Install Large Duct-Mz Lvl Plyometrics	7 days	Wed 8/24/16	Thu 9/1/16	0% 897	899	8/24 👔 Install Large Duct-Mz LvI Plyometrics
399	02-SUBS	Install Interior Walls-Mz LvI Plyometrics	14 days	Fri 9/2/16	Wed 9/21/16	0% 898	900SS,902	9/2 🧯 Install Interior Walls-Mz Lvi Plyometrics
900	02-SUBS	Rough In MEP & FP In Walls & Ceiling-Mz LvI Plyometrics	14 days	Fri 9/2/16	Wed 9/21/16	0% 899SS	901,917	9/2 😭 Rough In MEP & FP In Walls & Ceiling-Mz LvI Plyometrics
901	02-SUBS	Inspect Above Ceilings-Mz LvI Plyometrics	3 days		Mon 9/26/16	0% 900	902	9/22 Inspect Above Ceilings-Mz Lvl Plyometrics
902	02-SUBS	Rock Tape & Finish Walls-Mz Lvl Plyometrics	15 days		Mon 10/17/16	0% 901,899	903	9/27 🔓 Rock Tape & Finish Walls-Mz LvI Plyometrics
903	02-SUBS	Frame Soffits-Mz Lvl Plyometrics	8 days		Thu 10/27/16	0% 902	904	10/18 § Frame Soffits-Mz LvI Plyometrics
904	02-SUBS	Frame Ceilings-Mz Lvl Plyometrics	6 days	Fri 10/28/16	Fri 11/4/16	0% 903	906,905	10/28   Frame Ceilings-Mz LvI Plyometrics
905	02-SUBS	Rock Tape & Finish Ceilings/Soffits-Mz LvI Plyometrics	15 days		Fri 11/25/16	0% 904	906	11/7 g Rock Tape & Finish Ceilings/Soffits-Mz Lvl Plyometrics
906	02-SUBS	Install MEP & FP Finishes-Mz Lvl Plyometrics	5 days		Fri 12/2/16	0% 904,905	908,907	11/28 I Install MEP & FP Finishes-Mz LvI Plyometrics
907	02-SUBS	ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Mz LvI Plyometrics	10 days		Fri 12/16/16	0% 906	909	12/5 g ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Mz LvI Plyometrics
908 909	02-SUBS	Install Floor Finishes & casework-Mz LvI Plyometrics	15 days		Fri 12/23/16	0% 906	909	12/5 Cinstall Floor Finishes & casework-Mz Lvl Plyometrics
909 910	02-SUBS 00-A & P	Final Paint-Mz Lvl Plyometrics Pre-Punch-Mz Lvl Plyometrics	4 days 5 days		Thu 12/29/16 Thu 1/5/17	0% 908,907 0% 909	910 472	12/26 j Final Paint-Mz LvI Plyometrics 12/30 Pre-Punch-Mz LvI Plyometrics
910	02-SUBS			Mon 12/21/15		0%	472	12/30 Pre-ruici miz Evi Fionences
511	02-3083	Walk/Jog Track Alternate 4A Interior Finishes & Fit-out (develop some detail, but don't link to Substantial Completion without go / no-go decision)	242 uays	WOIT 12/21/13	100 11/22/10	078		
912	00-CACD	Maka desisian an alternata 44 Mall/Lea Trask	60 dava	Mon 12/21/15	Fri 3/11/16	0% 117	913	
912	00-CACD	Make decision on alternate 4A-Walk/Jog Track		Fri 3/11/16	Fri 3/11/16	0% 912	913	12/21 — Make decision on alternate 4A-Walk/Jog Track
913		Alternate 4A-Award & procure materials-Walk/Jog Track	0 days		Mon 5/16/16	0% 912 0% 913,368SS	915	3/11 ♦ Alternate 4A-Award & procure materials-Walk/Jog Track 5/5  G Steel installation (needs to go when rest of steel is erected)-Walk/Jog Trk
914	02-SUBS 02-SUBS	Steel installation (needs to go when rest of steel is erected)-Walk/Jog Trk Deck & rail installation (needs to go when rest of steel is erected)-Walk/Jog Trk	8 days 10 days	Thu 5/5/16 Wed 7/20/16	Tue 8/2/16	0% 913,36855		7/20 Clock & rail installation (needs to go when rest of steel is erected)-walk/Jog Trk
915	02-SUBS	Prep/Place SOMD (needs to go when rest of steel is elected)-waixJog Trk	3 days		Fri 8/5/16	0% 915,378,388	917,816,831,848,864,8	8/3 T Prep/Place SOMD (needs to go when rest of concrete is poured)-Walk/Jog Trk
917	02-SUBS	Rough-In MEP & FP & Lighting above & below track structure-Walk/Jog Trk	14 days		Tue 10/11/16	0% 916,900	918	9/22   Rough-In MEP & FP & Lighting above & below track structure-Walk/Jog Trk
918	02-SUBS	Inspect Ceiling MEP & FP above & below track structure-Walk/Jog Trk		Wed 10/12/16	Fri 10/14/16	0% 917	919	10/12 1 Inspect Ceiling MEP & FP above & below track structure-Walk/Jog Trk
919	02-SUBS	Install FP Spr Heads & Light Fixtures (underside)-Walk/Jog Trk		Mon 10/17/16	Fri 10/21/16	0% 918	921,920	10/17 I Install FP Spr Heads & Light Fixtures (underside)-Walk/Jog Trk
920	02-SUBS	Final Paint Rails & underside of structure-Walk/Jog Trk	· · ·	Mon 10/24/16	Thu 10/27/16	0% 919	921	10/24 T Final Paint Rails & underside of structure-Walk/Jog Trk
921	02-SUBS	Install Rubber Athletic Floor Finishes-Walk/Jog Trk (if alternate is accepted, preference is to have the work this far before wood floor goes in on gym below)	15 days	Fri 10/28/16	Thu 11/17/16	0% 919,920	922,805	10/28 🔋 Install Rubber Athletic Floor Finishes-Walk/Jog Trk (if alternate is accepted, preference is to have the work this far
922	00-A & P	Pre-Punch-Walk/Jog Trk	3 days	Fri 11/18/16	Tue 11/22/16	0% 921	996,472	11/18 TPre-Punch-Walk/Jog Trk
923	02-SUBS	ROOFTOP LEVEL INTERIOR FINISHES & FIT-OUT	291 days	Mon 12/21/15	Mon 1/30/17	0%		12/21 ROOFTOP LEVEL INTERIOR FINISHES & FIT-OUT
924	02-SUBS	Roof Level Alternate 2.D (Rooftop community meeting room) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)	290 days	Mon 12/21/15	Fri 1/27/17	0%		12/21 Roof Level Alternate 2.D (Rooftop community meeting room) Interior Finishes & Fit-out (not linked to Substan
925 926	00-CACD 00-CACD	Make decision on alternate 2.D Rf Lvl Community meeting room Alternate 2.D-Award & procure materials Rf Lvl Community meeting room,	60 days 138 days		Fri 3/11/16 Wed 9/21/16	0% 117 0% 925	926 927	12/21 Make decision on alternate 2.D Rf LVI Community meeting room 3/14 Alternate 2.D-Award & procure materials Rf LvI Community meeting room,
927	02.01/02	Levent Interior Melle Df1 - 1 Wrs Day	0.4	Thu 0/00/41	E-0000440	08/ 022	028	9/22 T Lavout Interior Walls-Rf Lvl Mto Rm
927 928	02-SUBS 02-SUBS	Layout Interior Walls-Rf LvI Mtg Rm	2 days 7 days	Thu 9/22/16		0% 926 0% 927	928 929	9/22 T Layout Interior Walls-Rf LvI Mtg Rm 9/26 I Install Large Duct-Rf LvI Mtg Rm
928	02-SUBS	Install Large DuctRf LvI Mtg Rm Install Interior WallsRf LvI Mtg Rm				0% 927	929 930SS,932	10/5 g Install Large DuctKr LVI Mtg Km
929	02-SUBS	Rough In MEP & FP In Walls & Ceiling-Rf Lvl Mtg Rm	14 days 14 days			0% 929SS	93055,932	
930	02-SUBS							
931	02-00000	Inspect Above Ceilings-Rf Lvl Mtg Rm						10/5 🧕 Rough In MEP & FP In Walls & Ceiling-Rf Lvl Mtg Rm
		Inspect Above Ceilings-Rf LvI Mtg Rm Rock Tape & Finish Walls-Rf LvI Mtg Rm	3 days	Tue 10/25/16	Thu 10/27/16	0% 930	932	10/5 🧧 Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm
933	02-SUBS 02-SUBS	Inspect Above Ceilings-Rf Lvi Mtg Rm Rock Tape & Finish Walls-Rf Lvi Mtg Rm Frame Softis-Rf Lvi Mtg Rm	3 days	Tue 10/25/16 Fri 10/28/16			932	10/5 😡 Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 📦 Rock Tape & Finish Walls-Rf LvI Mtg Rm
933 934	02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm	3 days 15 days 8 days	Tue 10/25/16 Fri 10/28/16	Thu 10/27/16 Thu 11/17/16	0% 930 0% 931,929	932 933	10/5 🧧 Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm
933 934 935	02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm Frame Soffits-Rf LvI Mtg Rm	3 days 15 days 8 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16	0% 930 0% 931,929 0% 932	932 933 934	10/5 😡 Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 🚱 Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 👔 Frame Soffits-Rf LvI Mtg Rm
934	02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm Frame Soffits-Rf LvI Mtg Rm Frame Ceilings-Rf LvI Mtg Rm	3 days 15 days 8 days 6 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16	0% 930 0% 931,929 0% 932 0% 933	932 933 934 936,935	10/5 @ Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 [ Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 @ Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 @ Frame Ceilings-Rf LvI Mtg Rm 11/30 @ Frame Ceilings-Rf LvI Mtg Rm
934 935	02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm Frame Soffits-Rf LvI Mtg Rm Frame Ceilings-Rf LvI Mtg Rm Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm	3 days 15 days 8 days 6 days 3 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16	0% 930 0% 931,929 0% 932 0% 933 0% 934	932 933 934 936,935 937	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Softis-Rf LvI Mtg Rm 11/30   Frame Ceilings-Rf LvI Mtg Rm 12/8 I Rock Tape & Finish Ceilings/Soffis-Rf LvI Mtg Rm
934 935 936	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm Frame Soffits-Rf LvI Mtg Rm Frame Ceilings-Rf LvI Mtg Rm Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm Install MEP & FP Finishes-Rf LvI Mtg Rm	3 days 15 days 8 days 6 days 3 days 5 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/15/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934	932 933 934 936,935 937 938,937	10/5 © Rough In MEP & FP In Walls & Ceilling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceillings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Softis-Rf LvI Mtg Rm 11/30 © Frame Ceillings-Rf LvI Mtg Rm 12/8 © Rock Tape & Finish Ceillings/Soffts-Rf LvI Mtg Rm 12/8 © Install MEP & FP Finishes-Rf LvI Mtg Rm
934 935 936 937	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm Frame Soffits-Rf LvI Mtg Rm Frame Ceilings-Rf LvI Mtg Rm Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm Install MEP & FP Finishes-Rf LvI Mtg Rm ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm	3 days 15 days 8 days 6 days 3 days 5 days 8 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/15/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 934	932 933 934 936,935 937 938,937 938	10/5 © Rough In MEP & FP In Walls & Ceilling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceillings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Soffits-Rf LvI Mtg Rm 11/30 © Frame Ceillings-Rf LvI Mtg Rm 12/8 I Rock Tape & Finish Ceillings/Soffits-Rf LvI Mtg Rm 12/8 I Install MEP & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceilling Grid, Tiles,MEP Fin's & Ceilling Inspections-Rf LvI Mtg Rm
934 935 936 937 938	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf LvI Mtg Rm         Frame Soffits-Rf LvI Mtg Rm         Prame Ceilings-Rf LvI Mtg Rm         Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm         Install MEP & FP Finishes-Rf LvI Mtg Rm         ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm         Install Floor Finishes & casework-Rf LvI Mtg Rm	3 days 15 days 8 days 6 days 3 days 5 days 8 days 15 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/15/16 Tue 12/27/16 Tue 1/17/17	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 934 0% 936,935 0% 936,937	932 933 934 936,935 937 938,937 938 939	10/5       Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm         10/25       Inspect Above Ceilings-Rf LvI Mtg Rm         10/28       Rock Tape & Finish Walls-Rf LvI Mtg Rm         11/18       0 Frame Ceilings-Rf LvI Mtg Rm         11/30       Frame Ceilings-Rf LvI Mtg Rm         12/8       I Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm         12/8       I Rock Tape & Finishes-Rf LvI Mtg Rm         12/8       I ACT Ceiling Grid, Ties, MEP Finishes-Rf LvI Mtg Rm         12/15       I ACT Ceiling Grid, Ties, MEP Finishes & Ceiling Inspections-Rf LvI Mtg Rm         12/27       Install Floor Finishes & casework-Rf LvI Mtg Rm
934 935 936 937 938 939	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Prame Cellings-Rf Lvi Mtg Rm         Rock Tape & Finishe Cellings/Soffits-Rf Lvi Mtg Rm         Install MEP & FIP Finishes-Rf Lvi Mtg Rm         ACT Celling Grid, Tiles.MEP Fin's & Celling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go	3 days 15 days 8 days 6 days 3 days 5 days 8 days 15 days 4 days 5 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/15/16 Tue 12/27/16 Tue 1/17/17	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Fri 1/27/17	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 936,935 0% 936,937 0% 938	932 933 934 936,935 937 938,937 938,937 938 939 939	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Softis-Rf LvI Mtg Rm 11/13 © Frame Ceilings-Rf LvI Mtg Rm 12/8 I Rock Tape & Finishe Ceilings/Soffits-Rf LvI Mtg Rm 12/8 I Rock Tape & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 1/17 I Final Paint-Rf LvI Mtg Rm
934           935           936           937           938           939           940           941           942	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finishe Ceilings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Pioor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes &	3 days 15 days 8 days 6 days 3 days 5 days 15 days 4 days 5 days 291 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/15/16 Tue 12/27/16 Tue 11/17/17 Mon 1/23/17	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Fri 1/27/17	0% 930 0% 931 929 0% 932 0% 933 0% 934 0% 934 0% 934 0% 936,935 0% 936,937 0% 938	932 933 934 936,935 937 937 938,937 938 939 938 939 940 996 996	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Softie-Rf LvI Mtg Rm 11/19 I Frame Ceilings-Rf LvI Mtg Rm 12/8 I Rock Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm 12/8 I Install MEP & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 I Final Paint-Rf LvI Mtg Rm 12/27 I Final Paint-Rf LvI Mtg Rm
934         935           935         936           937         938           939         939           940         941           942         943	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish Ceilings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Frane Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fil-out (not linked to Substantial Completion without go / no-go decision)	3 days 15 days 8 days 6 days 3 days 5 days 15 days 4 days 5 days 291 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 1/17/17 Mon 1/23/17 Mon 12/21/15	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Fri 1/27/17 Mon 1/30/17	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 936,935 0% 936,937 0% 938 0% 939	932 933 934 936,935 937 938,937 938,937 938 939 940 940	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/26 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Ceilings-Rf LvI Mtg Rm 11/13 © I Frame Ceilings-Rf LvI Mtg Rm 12/18 I Rock Tape & Finishe Ceilings/Soffts-Rf LvI Mtg Rm 12/18 I Install MEP & FP Finishes-Rf LvI Mtg Rm 12/16 C C Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 I Final Paint-Rf LvI Mtg Rm 12/21 © Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w
934         935           936         937           938         939           939         940           941         942           943         944	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD 00-CACD 00-CACD 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish CeilingsSoffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen	3 days 15 days 8 days 6 days 5 days 15 days 15 days 5 days 291 days 60 days	Tue 10/25/16 Fri 10/28/16 Fri 11/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 1/17/17 Mon 1/23/17 Mon 12/21/15 Mon 3/14/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Mon 1/30/17 Fri 3/11/16	0% 930 0% 931 929 0% 932 0% 933 0% 934 0% 934 0% 934 0% 936,935 0% 936,937 0% 938 0% 939 0% 939 0% 117 0% 942 0% 943	932 933 934 936,935 937 938,937 938 939 939 940 940 944 944 945	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 I Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Selfits-Rf LvI Mtg Rm 11/13 © Frame Selfits-Rf LvI Mtg Rm 12/8 I Rock Tape & Finishes-Rf LvI Mtg Rm 12/8 I Rock Tape & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Fin's & Celling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 1/17 I Final Paint-Rf LvI Mtg Rm 1/22 I Make decision on alternate 2.D Catering kitchen 3/14 Ø Alternate 2.D-award & procure materials Catering kitchen 9/21 I Layout Interior Walls-RF LvI catering kitchen
934         935           936         937           938         939           939         940           941         941           942         943           944         945	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish Ceilings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Layout Install Ductwork-RF Lvi catering kitchen	3 days 15 days 8 days 6 days 5 days 15 days 15 days 4 days 5 days <b>291 days</b> 60 days 137 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 1/27/17 Mon 1/23/17 Mon 1/23/17 Mon 12/21/15 Mon 3/14/16 Wed 9/21/18	Thu 10/27/16 Thu 11/17/16 Tuu 11/29/16 Wed 12/17/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Fri 1/20/17 Fri 1/20/17 Fri 3/11/16 Tuu 9/20/16 Thu 9/22/16	0% 930 0% 931 929 0% 932 0% 933 0% 934 0% 934 0% 936 937 0% 936 937 0% 938 0% 939 0% 939 0% 117 0% 942	932 933 934 936,935 937 938,937 938 939 940 940 940 940 940 944 945 944 945	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Soffits-Rf LvI Mtg Rm 11/18 © Frame Soffits-Rf LvI Mtg Rm 12/8 © Rock Tape & Finish Ceilings/Soffts-Rf LvI Mtg Rm 12/8 © Rock Tape & Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/21 © Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Alternate 2.D -award & procure materials Catering kitchen 9/21 © Layout Interior Walls-Rf LvI catering kitchen 9/23 © Instal Ductwort-RF LvI catering kitchen
934         935           936         937           938         939           940         941           941         943           944         944           945         946	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish Ceilings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & Casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen	3 days 15 days 8 days 6 days 3 days 5 days 4 days 5 days 291 days 600 days 137 days 2 days 7 days 14 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 11/7/17 Mon 1/22/17 Mon 12/21/15 Mon 12/21/15 Mon 12/21/15 Fri 9/23/16 Tue 10/4/16	Thu 10/27/16 Thu 11/17/16 Tue 11/29/16 Wed 12/7/16 Mon 12/26/16 Mon 12/26/16 Mon 12/26/16 Mon 12/26/16 Tri 1/20/17 Fri 1/20/17 Fri 3/11/16 Tue 9/20/16 Thu 9/22/16 Mon 10/3/16 Fri 10/21/16	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 936,935 0% 936,937 0% 938 0% 939 0% 117 0% 942 0% 944 0% 945	932 933 934 936,935 937 938,937 938 939 940 940 996 940 996 943 944 944 945 945 945 945 945	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 © Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Ceilings-Rf LvI Mtg Rm 11/18 © Frame Ceilings-Rf LvI Mtg Rm 12/16 © ACK Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm 12/16 © ACK Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm 12/16 © ACK Tape & Finishes-Rf LvI Mtg Rm 12/17 © Install MEP & FP Finishes-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/21 © Rock Level Kitchen Alternate 2.D (catering kitchen 3/14 © Akternate 2.D-award & procure materials Catering kitchen 9/23 © Install Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen
934         935           936         937           938         939           940         941           942         943           944         945           946         947	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish Ceiling/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fil-our (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Neterior Walls-RF Lvi catering	3 days 15 days 8 days 6 days 3 days 5 days 15 days 4 days 291 days 60 days 137 days 2 days 7 days 14 days 14 days	Tue 10/25/16 Fri 10/28/16 Fri 11/28/16 Fri 11/18/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 1/17/17 Mon 1/23/17 Mon 1/23/17 Mon 3/14/16 Wed 9/21/16 Fri 19/23/16 Tue 10/4/16 Tue 10/4/16	Thu 10/27/16 Thu 11/17/16 Tuu 11/27/16 Wed 12/17/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 12/26/16 Fri 1/27/17 Fri 1/27/17 Fri 1/27/17 Fri 1/27/17 Fri 3/11/16 Tuu 9/20/16 Thu 9/22/16 Fri 10/21/16 Fri 10/21/16	0% 930 0% 931,929 0% 933 0% 934 0% 934 0% 934 0% 936,935 0% 938 0% 938 0% 939 0% 117 0% 942 0% 942 0% 945 0% 945 0% 945S	332       933       934       936,935       937       938,937       938       939       940       996       943       944       945       946       943       944       945       946       94755,949       948	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 © Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/30 © Frame Ceilings-Rf LvI Mtg Rm 11/30 © Frame Ceilings-Rf LvI Mtg Rm 12/8 © Rock Tape & Finishe Ceilings/Soffits-Rf LvI Mtg Rm 12/8 © Rock Tape & Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Caling Inspections-Rf LvI Mtg Rm 12/21 © Rock Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Make decision on alternate 2.D Catering kitchen 3/14 © Roof Level Kitchen Storma & Drocure materials Catering kitchen 12/23 © Install Interior Walls-RF Lvi catering kitchen 10/4 © Rough In MEP & FP In Walls & Ceiling-RF Lvi catering kitchen
934         935           936         937           938         939           940         941           942         942           944         944           945         946           946         948	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Cellings-Rf Lvi Mtg Rm         Rock Tape & Finish Celling/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Celling Grid, Tiles, MEP Fin's & Celling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Finial Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen         Install Interior & Prin Walls & Celling-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen         Install Interior Wal	3 days 15 days 8 days 6 days 3 days 5 days 15 days 4 days 291 days 60 days 137 days 2 days 7 days 14 days 3 days 4 days 3 days 4 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Fri 11/18/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 1/2/17/17 Mon 1/23/17 Mon 12/21/15 Mon 3/14/16 Wed 9/21/16 Fri 9/23/16 Tue 10/4/16 Mon 10/24/16	Thu 10/27/16 Thu 11/17/16 Tuu 11/17/16 Wed 12/17/16 Mon 12/12/16 Wed 12/14/16 Mon 12/26/16 Mon 1/16/17 Fri 1/20/17 Fri 1/20/17 Fri 1/20/17 Fri 3/11/16 Tue 9/20/16 Thu 9/22/16 Mon 10/3/16 Fri 10/21/16 Wed 10/26/16	0% 930 0% 931 929 0% 932 0% 934 0% 934 0% 934 0% 936 937 0% 936 937 0% 938 0% 939 0% 939 0% 117 0% 942 0% 943 0% 944 0% 945 0% 947	332       933       934       936,935       937       938,937       938       939       940       996       944       945       9445       94755,949       948       949	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 [ Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/30 [ Frame Ceilings-Rf LvI Mtg Rm 11/30 ] Frame Ceilings-Rf LvI Mtg Rm 12/8 [ Rock Tape & Finishe Ceilings/Sofffis-Rf LvI Mtg Rm 12/8 ] Install MEP & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & cesework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & celling Inspections-Rf LvI Mtg Rm 1/17 ] Final Paint-Rf LvI Mtg Rm 1/17 ] Final Paint-Rf LvI Mtg Rm 1/221 © Rock Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Rock Level Kitchen Alternate 2.D (catering kitchen 3/14 ○ Install Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/4 © Install INEP & FP In Walla & Ceiling, RF LvI catering kitchen 10/24 [ Inspect Above Ceilings-RF LvI catering kitchen 10/25 [ Inspe
934         935           936         937           938         938           938         939           939         940           941         941           942         943           944         945           946         946           947         948           949         949	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-A & P 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish CeilingsSoffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles, MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Pain-Rf Lvi Mtg Rm         Final Pain-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Make decision on alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Rough In MEP & FP In Walls & Ceiling-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Rough In MEP & FP In Walls & Ceiling-RF Lvi catering kitchen         Rough In MEP & FP In Walls & Ceiling-RF Lvi catering kitchen         Inseet Above Ceiling-RF Lvi catering kitchen         I	3 days 3 days 8 days 6 days 5 days 15 days 15 days 4 days 291 days 60 days 291 days 60 days 7 days 2 days 7 days 14 days 3 days 14 days 14 days 14 days 15 days 14 days 14 days 15 days 14 days 14 days 15 days 14 days 14 days 14 days 15 days 14 days 14 days 14 days 15 days 14 days 15 days 14 days 15 days 14 days 14 days 15 days 15 days 15 days 16 days 17	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Wed 11/30/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 11/7/17 Mon 1/23/17 Mon 1/23/17 Mon 12/21/15 Mon 31/4/16 Tri 9/23/16 Tri 9/23/16 Tri 9/23/16 Tue 10/4/16 Tue 10/4/16 Thu 10/27/16	Thu 10/27/16 Thu 11/17/16 Tu 11/29/16 Wed 12/17/16 Mon 12/12/16 Mon 12/26/16 Mon 12/26/16 Mon 11/20/17 Fri 1/27/17 Mon 1/30/17 Fri 3/11/16 Tru 9/20/16 Tru 9/20/16 Fri 10/21/16 Fri 10/21/16 Fri 10/21/16 Ked 10/26/16 Wed 01/26/16	0% 930 0% 931 929 0% 932 0% 933 0% 934 0% 934 0% 934 0% 936,937 0% 938 0% 939 0% 939 0% 939 0% 117 0% 942 0% 943 0% 944 0% 945 0% 946SS 0% 948	932 933 934 936,935 937 938,937 938 939 940 940 940 940 944 945 944 945 946 945 946 945 948 948 949 948 949 949 949 949 949 949	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 © Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/30 © Frame Ceilings-Rf LvI Mtg Rm 11/30 © Frame Ceilings-Rf LvI Mtg Rm 12/8 © Rock Tape & Finish Ceilings/Soffts-Rf LvI Mtg Rm 12/8 © Install MEP & FP Finishes-Rf LvI Mtg Rm 12/15 © ACT Ceiling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & casework-Rf LvI Mtg Rm 12/21 © Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Make decision on alternate 2.D Catering kitchen 3/14 © Alternate 2.D Catering kitchen 9/21 [Layout Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/4 © Rough In MEP & FP In Walls & Ceiling-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen
934         935           936         937           938         939           939         940           941         941           942         943           944         945           947         948           948         949           949         950	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Frame Cellings-Rf Lvi Mtg Rm         Rock Tape & Finish Cellings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Celling Grid, Tiles,MEP Fin's & Celling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fil-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen         Rough In MEP & FP In Walls & Celling-RF Lvi catering kitchen         Rock Tape & Finish Walls-RF Lvi catering	3 days 15 days 8 days 6 days 3 days 5 days 15 days 291 days 291 days 60 days 137 days 2 days 7 days 14 days 3 days 3 days 8 days 8 days 8 days 9 days 137 days 14 days 14 days 15 days 9 days 9 days 9 days 9 days 14 days 14 days 14 days 14 days 15 days 8 days 8 days 8 days 8 days 15 days 16 days 17 days 16 days 17 days 17 days 16 days 17 days 17 days 17 days 17 days 17 days 17 days 18 days	Tue 10/25/16 Fri 10/28/16 Fri 11/18/16 Fri 11/18/16 Thu 12/8/16 Thu 12/8/16 Thu 12/15/16 Tue 12/27/16 Tue 11/17/17 Mon 12/21/15 Mon 3/14/16 Wed 9/21/16 Tue 10/4/16 Tue 10/24/16 Mon 10/24/16 Thu 10/27/16 Thu 11/17/16	Thu 10/27/16 Thu 11/17/16 Thu 11/17/16 Thu 11/29/16 Wed 12/14/16 Mon 12/12/16 Won 12/26/16 Mon 11/20/17 Fri 1/20/17 Fri 1/20/17 Fri 1/20/17 Fri 1/20/17 Fri 3/11/16 Thu 9/20/16 Thu 9/20/16 Fri 10/21/16 Fri 10/21/16 Wed 11/16/16 Mon 11/28/16	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 934 0% 936,935 0% 938 0% 939 0% 0% 117 0% 942 0% 943 0% 943 0% 945 0% 945 0% 947 0% 948,946 0% 949	332         933         934         936,935         937         938,937         938         939         940         996         943         944         945         946         947SS,949         948         949         950         950         951	10/5 © Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm 10/25 © Inspect Above Ceilings-Rf LvI Mtg Rm 10/28 © Rock Tape & Finish Walls-Rf LvI Mtg Rm 11/18 © Frame Ceilings-Rf LvI Mtg Rm 11/18 © Frame Softis-Rf LVI Mtg Rm 12/16 © ACK Tape & Finish Ceilings/Softis-Rf LvI Mtg Rm 12/16 © ACK Tape & Finish Ceilings/Softis-Rf LvI Mtg Rm 12/16 © ACK Tape & Finish See Sciling Inspections-Rf LvI Mtg Rm 12/17 © Install Floor Finishes & assework-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & calling Inspections-Rf LvI Mtg Rm 12/21 © Rock Tape & Ceiling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm 12/21 © Rock Tape & Ceiling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm 12/21 © Rock Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Rock Level Kitchen Alternate 2.D Catering kitchen 9/23 © Install Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/24 © Install Interior Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI catering kitchen 10/27 © Rock Tape & Finish Walls-RF LvI Catering kitchen 10/27 © Ro
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Tiles.MEP Finis & Coiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Ceiling Inspections-Rf LvI Mtg Rm 12/27 © Install Floor Finishes & Ceiling Inspections-Rf LvI Mtg Rm 12/21 © Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fit-out (not linked to Substantial Completion w 12/21 © Roof Level Kitchen Alternate 2.D (catering kitchen 3/14 © Rough In MEP & FP In Walls & Ceiling-RF LvI catering kitchen 10/4 © Install Interior Walls-RF LvI catering kitchen 10/4 © Rough In MEP & FP In Walls & Ceiling-RF LvI catering kitchen 10/4 © Rough In MEP & FP In Walls & Ceiling-RF LvI catering kitchen 10/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 10/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Frame Soffis-RF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Rock Tape & Finish Ceiling-SF LvI catering kitchen 11/27 © Install MEP & FP Finishes-RF LvI catering kitchen 12/27 © Install Floor Finishes & Ceiling Inspections-RF LvI catering kitchen 12/26 © Install Floor Finishes & Casework-RF LvI catering kitchen 12/26 © Install Floor Finishes & Casework-RF LvI catering kitchen 12/26 © Install Floor Finishes & Casework-RF LvI catering
934         935           936         937           938         939           934         940           941         941           942         943           944         945           946         946           948         948	02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 02-SUBS 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 00-CACD 02-SUBS 02-	Rock Tape & Finish Walls-Rf Lvi Mtg Rm         Frame Soffits-Rf Lvi Mtg Rm         Prame Ceilings-Rf Lvi Mtg Rm         Rock Tape & Finish Ceilings/Soffits-Rf Lvi Mtg Rm         Install MEP & FP Finishes-Rf Lvi Mtg Rm         ACT Ceiling Grid, Tiles,MEP Fin's & Ceiling Inspections-Rf Lvi Mtg Rm         Install Floor Finishes & casework-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Final Paint-Rf Lvi Mtg Rm         Pre-Punch-Rf Lvi Mtg Rm         Roof Level Kitchen Alternate 2.D (catering) Interior Finishes & Fil-out (not linked to Substantial Completion without go / no-go decision)         Make decision on alternate 2.D Catering kitchen         Alternate 2.D-award & procure materials Catering kitchen         Layout Interior Walls-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Install Interior Walls-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Install Ductwork-RF Lvi catering kitchen         Roogh In MEP & FP In Walls & Ceiling-RF Lvi catering kitchen         Install Nuerbow Ceilings-RF Lvi catering kitchen         Rock Tape & Finish Walls-RF Lvi catering kitchen         Rock Tape & Finish Ceilings/Soffts-RF Lvi catering kitchen         Rock Tape & Finish Ceilings/Soffts-RF Lvi catering kitchen         Rock Tape & Finish Ceilings/Soffts-RF Lvi catering kitchen         Rock Tape & FIN Scener	3 days 3 days 8 days 6 days 6 days 5 days 15 days 4 days 291 days 60 days 291 days 60 days 137 days 14 days 14 days 6 days 14 days 6 days 5 days 14 days 5 days 14 days 5 days 14 days 5 days 14 days 5 days 14 days 5 days 14 days 15 days 14 days 5 days 14 days 15 days 15 days 15 days 15 days 15 days 15 days 15 days 16 days 15 days 16 days 17 days 17 days 17 days 16 days 15 days 15 days 16 days 16 days 17 days 16 days 17 days 16 days 17 days 17 days 16 days 17 days 16 days 16 days 17 days 16 days 17 days 16 days 17 days 16 days 17 days 16 days 17 days 16 days 16 days 17 days 16 days 17 days 16 days 16 days 17 days 17 days 17 days 16 days 17 days	Tue 10/25/16 Fri 10/28/16 Fri 11/28/16 Fri 11/18/16 Thu 12/8/16 Thu 12/8/16 Thu 12/8/16 Tue 12/27/16 Tue 11/27/17 Mon 1/23/17 Mon 12/21/15 Mon 3/14/16 Wed 9/21/16 Fri 9/23/16 Tue 10/4/16 Tue 10/4/16 Tue 10/4/16 Thu 11/27/16 Wed 12/7/16 Wed 12/7/16 Wed 12/7/16 Wed 12/7/16 Mon 12/12/16 Mon 12/12/16	Thu 10/27/16 Thu 11/17/16 Tu 11/27/16 Wed 12/17/16 Mon 12/12/16 Wed 12/14/16 Mon 11/2/17 Fri 1/20/17 Fri 1/20/17 Fri 1/20/17 Fri 3/11/16 Tue 9/20/16 Thu 9/22/16 Mon 10/3/16 Fri 10/21/16 Wed 10/26/16 Wed 10/26/16 Wed 11/16/16 Mon 11/28/16 Fri 12/9/16 Tue 12/3/16 Fri 12/9/16 Tue 12/3/16 Fri 12/23/16 Fri 12/23/16 Fri 11/21/17 Fri 1/20/17 Fri 1/20/17	0% 930 0% 931,929 0% 932 0% 933 0% 934 0% 934 0% 936,935 0% 938 0% 939 0% 117 0% 942 0% 147 0% 942 0% 943 0% 945 0% 946 0% 949 0% 950 0% 951 0% 952	932         933         934         936,935         937         938,937         938         939         940         996         943         944         945         946         947SS,949         948         949         950         951         953,952         955         955	10/5       Rough In MEP & FP In Walls & Ceiling-Rf LvI Mtg Rm         10/25       Inspect Above Ceilings-Rf LvI Mtg Rm         10/28       Rock Tape & Finish Walls-Rf LvI Mtg Rm         11/18       0 Frame Ceilings-Rf LvI Mtg Rm         11/18       0 Frame Ceilings-Rf LvI Mtg Rm         12/16       A CK Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm         12/17       0 Act Tape & Finish Ceilings/Soffits-Rf LvI Mtg Rm         12/26       A CC Ceiling Grid, Tiles, MEP Finis & Coiling Inspections-Rf LvI Mtg Rm         12/27       Install Floor Finishes & casework-Rf LvI Mtg Rm         12/21       Install Floor Finishes & casework-Rf LvI Mtg Rm         12/21       Install Floor Finishes & Caling Grid, Tiles, MEP Finis & Ceiling Inspections-Rf LvI Mtg Rm         12/21       Install Floor Finishes & casework-Rf LvI Mtg Rm         12/21       Install Aternate 2.D Catering kitchen         12/21       Wake decision on alternate 2.D Catering kitchen         3/14       Aternate 2.D cavard & procure materials Catering kitchen         9/23       Install Interior Walls-RF LvI catering kitchen         9/23       Install Interior Walls-RF LvI catering kitchen         10/4       Install Interior Walls-RF LvI catering kitchen         10/4       Install Interior Walls-RF LvI catering kitchen         10/24       Inspect Above Ceilings-RF L



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n without g	go / no-go	decision)									
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				FOR	KELEAS	SE WITI	ч ВР#	1 GMP	& 100%	DD's F	OR BP #2

BARK	ER RINKER SEA	CAT ARCHITECTURE						HIBIT PROJECT SCHEDULE TRAL DENVER RECREATION CENTER
ID	RESP	ESTON Task Name	Duration	Start	Finish	% Comp Predecessors	Successors	3rd Quart   1st Quart   3rd Qu
958	00-A & P	Pre-Punch-RF Lvl catering kitchen	5 days	Mon 1/23/17	Fri 1/27/1	7 0% 957,956	959	1/23 J Pre-Punch-RF Lvl catering kitchen
959	02-SUBS	Health Department Inspection & Sign-off-RF LvI catering kitchen	1 day	Mon 1/30/17	Mon 1/30/1	7 0% 958	996	1/30   Health Department Inspection & Sign-off-RF LvI catering kitchen
960	02-SUBS	Roof Level Alternate 2.D (exterior terrace) Interior Finishes & Fit-out (not linked to Substantial Completion without go / no-go decision)	290 days	Mon 12/21/15	Fri 1/27/1	7 0%		12/21 Roof Level Alternate 2.D (exterior terrace) Interior Finishes & Fit-out (not linked to Substantial Completion
961	00-CACD	Make decision on alternate 2.D Exterior terrace	60 days	Mon 12/21/15	Fri 3/11/1	6 0% 117	962	12/21 — Make decision on alternate 2.D Exterior terrace
962	00-CACD	Alternate 2.D-Award & procure materials-Exterior terrace	205 days	Mon 3/14/16	Fri 12/23/1	6 0% 961	963	3/14 Alternate 2.D-Award & procure materials-Exterior terrace
963	02-SUBS	Construct trellis structures	5 days	Mon 12/26/16	Fri 12/30/1	6 0% 962	964	12/26 Construct trellis structures
964	02-SUBS	Roof paver system	5 days	Mon 1/2/17	Fri 1/6/1	7 0% 963	965	1/2 T Roof paver system
965	02-SUBS	Rooftop landscaping, lighting & amenities	10 days	Mon 1/9/17	Fri 1/20/1	7 0% 964	966	1/9 Rooftop landscaping, lighting & amenities
966	02-SUBS	Rooftop FF&E	3 days	Mon 1/23/17	Wed 1/25/17	7 0% 965	967	1/23 I Rooftop FF&E
967	00-A & P	Pre-punch roof exterior terrace	2 days	Thu 1/26/17	Fri 1/27/1	7 0% 966	996	1/26 I Pre-punch roof exterior terrace
968	02-SUBS	FINAL SITE DEVELOPMENT	110 days	Thu 12/15/16	Wed 5/17/1	7 0%		12/15 TILL SITE DEVELOPMENT
969	02-SUBS	FINAL SITE DEVELOPMENT	110 days	Thu 12/15/16	Wed 5/17/17	7 0%		12/15 TINAL SITE DEVELOPMENT
970		Final site underground work & hardscape	28 days	Thu 12/15/16	Mon 1/23/1	7 0%		12/15 V Final site underground work & hardscape
971	02-SUBS	Install Underground Irrigation Piping Mains & Branch Lines	8 days	Thu 12/15/16	Mon 12/26/10	6 0% 446,467,435,421,4	468,972,973	12/15 gi Install Underground Irrigation Piping Mains & Branch Lines
972	02-SUBS	Install Site Lighting	5 days	Tue 12/27/16	Mon 1/2/1	7 0% 971	981,973FF+5 days	12/27 Install Site Lighting
973	02-SUBS	Site concrete hardscape work-curb & gutter, walks & miscellaneous exterior stairs/walls	20 days	Tue 12/27/16	Mon 1/23/1	7 0% 972FF+5 days,971	1 975,976,977,978,979 days,239SS+5 days	9 12/27 🥥 Site concrete hardscape work-curb & gutter, walks & miscellaneous exterior stairs/walls
974	02-SUBS	Miscellaneous Site Amenities	20 days	Thu 3/16/17	Wed 4/12/1	7 0%		3/16 💷 Miscellaneous Site Amenities
975	02-SUBS	Dog park/playground	20 days				996	3/16 Obg park/playground
976	02-SUBS	Bouldering area	20 days				996	3/16 Bouldering area
977	02-SUBS	Bike racks, benches & litter receptacles	3 days		Mon 3/20/1		996	3/16   Bike racks, benches & litter receptacles
978	02-SUBS	Ping-pong table area (Alternate-add detail later if accepted)	15 days		Wed 4/5/17	7 0% 973,185	996	3/16 Ping-pong table area (Alternate-add detail later if accepted)
979	02-SUBS	Slack-line area (alternate-add detail later if accepted)	15 days	Thu 3/16/17	Wed 4/5/17	7 0% 973,185	996	3/16 G Slack-line area (alternate-add detail later if accepted)
980	02-SUBS	Landscaping, irrigation trim-out & site wayfinding	45 days	Thu 3/16/17	Wed 5/17/17	7 0%		3/16 - Landscaping, irrigation trim-out & site wayfinding
981	02-SUBS	Stake & Plant Trees (Defer this to spring to avoid risks to establishing plants & turf going into winter)	5 days	Thu 3/16/17	Wed 3/22/17	7 0% 972,185	982	3/16 Stake & Plant Trees (Defer this to spring to avoid risks to establishing plants & turf going into winter)
982	02-SUBS	Layout & Install Planting Beds	8 days	Thu 3/23/17	Mon 4/3/1	7 0% 981	983	3/23 Layout & Install Planting Beds
983	02-SUBS	Install Shrubs	5 days		Mon 4/10/1	7 0% 982	984	4/4 Install Shrubs
984	02-SUBS	Complete Irrigation System	5 days	Tue 4/11/17	Mon 4/17/1	7 0% 983	985	4/11 Complete Irrigation System
985	02-SUBS	Install Sod / Grass (City is OK with this going past Final Completion milestone)	5 days	Tue 4/18/17	Mon 4/24/1	7 0% 984,973,457FF+1	day986	4/18 Install Sod / Grass (City is OK with this going past Final Completion milestone)
986	02-SUBS	Establish Sod / Grass (can happen after Final Completion during the warranty phase)	17 days	Tue 4/25/17	Wed 5/17/17	7 0% 985		4/25 🥥 Establish Sod / Grass (can happen after Final Completion during the warranty phase)
987	02-SUBS	Complete Final Lift Of Paving (might have to defer this to spring if asphalt plants are closed for winter)	4 days	Thu 3/16/17	Tue 3/21/1	7 0% 185	988	3/16 [ Complete Final Lift Of Paving (might have to defer this to spring if asphalt plants are closed for winter
988	02-SUBS	Stripe Parking Lot	3 days	Wed 3/22/17	Fri 3/24/1	7 0% 987	989	3/22 I Stripe Parking Lot
989	02-SUBS	Complete Signage	2 days	Mon 3/27/17	Tue 3/28/1	7 0% 988	996	3/27 I Complete Signage
990	02-SUBS	POST-CONSTRUCTION & CLOSE-OUT PHASE	43 days	Mon 3/20/17	Wed 5/17/17			3/20 POST-CONSTRUCTION & CLOSE-OUT PHASE
991	02-SUBS	POST-CONSTRUCTION & CLOSE-OUT PHASE	43 days	Mon 3/20/17	Wed 5/17/17	7 0%		3/20 POST-CONSTRUCTION & CLOSE-OUT PHASE
992	02-SUBS	POST-CONSTRUCTION & CLOSE-OUT PHASE	43 days	Mon 3/20/17	Wed 5/17/1	7 0%		3/20 www Post-construction & close-out phase
993	99-ALL	Close-out Process-final CO's & Pay-app, As-builts, O&M's, Training, Attic Stock, etc. (some asphalt paving & landscaping related work may happen during this time frame outside of winter months)	43 days	Mon 3/20/17	Wed 5/17/17	7 0% 481	996,994SS	3/20 Close-out Process-final CO's & Pay-app, As-builts, O&M's, Training, Attic Stock, etc. (some asphal
994	00-CACD	FF&E Installation by City & City Contractors (can develop detail by areas later w/ matrix provide to A&P-Athletic equip, aquatics equip, desks, loose furnishings, fitness equip, tip and roll bleachers, blinds, scoreboard, lifeguard chairs, etc.)	e 35 days	Mon 3/20/17	Fri 5/5/1	7 0% 993SS	996,995	3/20 🤤 FF&E Installation by City & City Contractors (can develop detail by areas later w/ matrix provided to
995	00-CACD	FF&E Installation by City & City Contractors (phones, computers & printers, etc.)	5 days	Mon 5/8/17	Fri 5/12/1	7 0% 994	996	5/8 I FF&E Installation by City & City Contractors (phones, computers & printers, etc.)
996	00-A & P	M/S Final Completion	0 days	Wed 5/17/17	Wed 5/17/17	7 0% 185,993,967,959,9	940,	5/17 le Final Completion

0,	JanMa   a	3rd Quart Jul e o	Jan Ma a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	JanMa a	Jul e o	Jan
on	without go	o / no-go de	cision)										
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ılt j	paving & la	indscaping	related wo	rk may hap	pen during	this time f	rame outsi	de of winte	r months)				
	VPD Athlat		wation on	lip, desks, l	ooco furnic	hings fitne		tin and roll	bloachara	blinds soo	roboard life		
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March 31, 2015

Brett Hahnenkamp, P.E., LEED AP BBH Management Solutions, LLC City and County of Denver 201 W. Colfax Ave., Dept. 506 Denver, CO 80204

Dear Mr. Hahnenkamp:

Outlined below are the scopes of work Adolfson & Peterson Construction (A&P) intends to competitively bid as self-performed work.

Surveying Erosion Control Concrete, Drilled Piers, Foundations, Slabs and Site Concrete Rough Carpentry and Wall Blocking Doors, Frames and Hardware General Trades

These packages will be competitively bid to subcontractors and suppliers. A&P's bid proposal will be turned in to you 24 hours in advance of the subcontractor bid date.

Sincerely,

Cole P. Mayer, LEED AP Preconstruction Manager

CC: Randy Berner, Tom Bailey

# EXHIBIT T



# **Central Denver Recreation Center**

	AP assumed the following precedence of documents in preparing this GMP:
1	Prime Contract fully executed on 09/29/2015
2	Special Conditions
3	General Conditions
4	Price Options List
5	Clarification #3 dated 11/04/2015
6	Clarification #2 dated 11/03/2015
7	Clarification #1 dated 10/30/2015
8	100% CD Specifications dated 10/16/2015
9	100% CD Drawings dated 10/16/2015
10	BP #02 - GMP, including Clarifications & Allowances

-	
Α.	GENERAL CLARIFICATIONS
1	These clarifications are for the purpose of more clearly identifying the scope of the Work and the
	increase to the GMP for that Work being added to the Contractor's responsibility.
	Nothwithstanding anything to the contrary in these clarifications below, nothing herein is intended
	to amend or otherwise change the terms and conditions of the Agreement now in place, which
	shall remain in full force and effect.
2	This is a GMP for the cost of construction. No land fees, architectural fees, legal fees, land
	development fees, tap fees or other Owner soft costs have been included.
3	The cost of the building permit is not included.
4	Sales tax of 3.65% City and County of Denver Consumer's Use Tax is included. Denver Occupational
	Privelege Tax is included.
5	It is assumed all work will be completed during a standard 40-hour work week. No allowance for
	overtime or off-hours work has been included for absorbing unforeseeable conditions that are not
	AP's responsibility under the Agreement.
6	AP has provided an estimate that reflects a complete project that is reasonably inferable from the
	contract documents & with component systems to provided standards of the industry.
7	AP is carrying a reasonable & mutually agreeable bidding contingency within the overall GMP to
	account for miscellaneous minor escalation costs that might occur in the 90 day window for
	obtaining City Council & Mayoral approval of the Amendment incorporating Bid Package #2.
8	This bidding contingency is also assumed to be available to AP be used to bridge gaps in scope and
	disagreements contract requirements with the recommended bidder. In the event
	disagreement(s) lead AP to contract with another bidder not previously recommended, AP
	assumes the City will support such change, to the extent it is documented, and does not increase
	the GMP.



9	At the completion of subcontractor contract finalization by AP, then AP assumes the remaining
9	
	bidding contingency will be allocated to the Owner Contingency.
10	Despite the best efforts of AP, gaps in scope may be discovered after the completion of
	subcontractor contract finalization by AP. AP assumes it will have access to the Construction
	Contingency to fill these gaps, to the extent they are well documented and do not increase the
	GMP.
11	AP is carrying a reasonable & mutually agreeable Construction Contingency per the terms of the
	Prime Contract Agreement.
12	At the request of the City, AP is carrying \$500,000 in BP #1 & \$500,000 in BP #2 as an Owner change
	order contingency per the terms of the Prime Contract Agreement.
13	Price Options List - AP assumes the Price Options List superscedes all other contract documents,
	and the Owner's consultants will issue future design documents that are congruent with the
	decisions made and documented in this Price Options List.
	·
	AP is responsible for the costs shown in the Price Options List only to the extent these scope items
	are incorporated in such future design documents.
14	To the extent AP has provided, or will provide value engineering suggestions, or comments on
	design documents, AP assumes the City will have its consultants review these suggestions and
	comments before acceptance, as the City has been advised AP is not a licensed design or
	engineering professional, and such comments are provided in an advisory capacity only.
15	AB accorts full responsibility for such scope the Contract Desuments indicate AB has design and/or
12	AP accepts full responsibility for such scope the Contract Documents indicate AP has design and/or
	engineering responsibility, and assumes the City's consultants have responsibility for the adequacy
	of the balance of the design and engineering.



В.	WARRANTIES
1	This GMP is intended to include all the warranties required by the contract documents.
2	AP used its best efforts to diligently insure all the warranties required by the latest project specifications are included in the cost shown in this GMP.
	In some cases, however, extended warranties above industry standard shown in the specifications may have been excluded by subcontractors, and not yet identified by AP.
	In this event, AP assumes it may use a combination of the bidding contigency and Construction Contingency to cover the minor situations where this may occur, to the extent they are well documented and do not increase the GMP.
	AP has previously identified those locations in the specifications where such non-standard warranties exist, and will provide a comprehensive list of such atypical warranty specifications to the City and the City's consultants not later than 01 MAR 2016.



C.	SUBCONTRACTOR CERTIFICATIONS, QUALIFICATIONS, EXCLUSIONS AND ASSUMPTIONS
1	AP used its best efforts to diligently insure all the subcontractors recommended for award meet the certifications, accreditations and qualifications required by the latest project specifications .
	In some cases, however, the certifications, accreditations and qualifications are above industry
	standards, and the subcontractors recommended for award that do not meet these requirements also may not yet have been identified by AP.
	In this event, AP assumes it may use a combination of the bidding contigency and Construction Contingency to cover the minor situations where this may occur, to the extent they are well
	documented and do not increase the GMP.
	AP will provide a comprehensive list of such accredidation requirements in the specifications to the City and the City's consultants not later than 01 MAR 2016.
2	AP used its best efforts to diligently insure all the subcontractors recommended for award have
	included the scope of the Work required by the latest Contract Documents.
	In some cases, however, the subcontractors recommended for award may have excluded scope in their proposals that are required by the contract documents that may not yet have been identified by AP.
	In this event, AP assumes it may use a combination of the bidding contigency and Construction
	Contingency to cover the minor situations where this may occur, to the extent they are well
	documented and do not increase the GMP.
	AP will provide a comprehensive list of such subcontractor exclusions that conflict with the
	Contract Documents to the City and the City's consultants not later than 01 MAR 2016. In no
	event, however, shall a subcontractor(s)' proposal supercede the Contract Documents, or AP's requirement to provide the Work per the Contract Documents.



D.	COSTS ASSUMED TO BE BY THE CITY
1	All independent testing and inspections, including commissioning
2	All fees associated with utilities will be paid for by the owner (water, electric, gas)
3	Any expenses associated with dry utilities and getting them to the site (cable, fiber, power and gas)
4	Removal of hazardous materials, including asbestos and lead abatement
5	All moving costs
6	All artwork - purchasing, moving, and installation
7	Technology - Computers, Servers, phones, etc. – purchasing, moving and installation
8	Furniture, Desks, chairs, tables, moveable casework – purchasing, moving and installation
9	Projection Screens, Smart Boards
10	Televisions
11	Residential Equipment
12	Land Costs
13	Architectural and Engineering Fees
14	

/entura Street,	Aurora, CO 80011					
Project:	Central Denver Recreation Center					Date: 01/08/16
Owner:	City and County of Denver					Estimator: Cole May
Architect:	Barker Rinker Seacat Architecture					Project SF: 60,868
		BP1GMP	REC		Duratio	n in Months: 19.00 Estimate #: 100% C
		-	-			25411415 #1
	Project Summary Sheet - Estimated Cost	of the Work				
		BP#1 GMP -				
		100% DD	BP#2 - 100% CD			
		Estimate	Estimate	Subtotal		
Division #0	Procurement and Contracting Requirements	\$276,563	\$693,600	970,163	\$15.94 /SF	3.6% of Direct Costs
Division #1	General Requirements	\$171,810	\$528,942	700,752	\$11.51 /SF	2.6% of Direct Costs
Division #2	Existing Conditions Concrete	\$59,046	\$0 \$019.094	59,046	\$0.97 /SF	0.2% of Direct Costs
Division #3 Division #4	Concrete Masonry	\$688,000 \$0	\$918,984 \$1,739,596	1,606,984 1,739,596	\$26.40 /SF \$28.58 /SF	5.9% of Direct Costs 6.4% of Direct Costs
Division #5	Metals	\$90,000	\$4,040,583	4,130,583	\$20.36 /SF \$67.86 /SF	15.2% of Direct Costs
Division #6	Wood, Plastics, and Composites	\$0	\$281,774	281,774	\$4.63 /SF	1.0% of Direct Costs
Division #7	Thermal and Moisture Protection	\$0	\$908,844	908,844	\$14.93 /SF	3.3% of Direct Costs
Division #8	Openings	\$0	\$1,239,762	1,239,762	\$20.37 /SF	4.6% of Direct Costs
Division #9 Division #10	Finishes Specialties	\$0 \$0	\$2,410,538 \$264,023	2,410,538 264,023	\$39.60 /SF \$4.34 /SF	8.9% of Direct Costs
Division #10	Equipment	\$0 \$0	\$264,023 \$80,355	264,023 80,355	\$4.34 /SF \$1.32 /SF	1.0% of Direct Costs 0.3% of Direct Costs
Division #12	Furnishings	\$0	\$118,538	118,538	\$1.95 /SF	0.4% of Direct Costs
Division #13	Special Construction	\$3,007,141	\$0	3,007,141	\$49.40 /SF	11.1% of Direct Costs
Division #14	Conveying Equipment	\$0	\$134,236	134,236	\$2.21 /SF	0.5% of Direct Costs
Division #21	Fire Suppression	\$0	\$198,327	198,327	\$3.26 /SF	0.7% of Direct Costs
Division #22 Division #23	Plumbing Heating, Ventilating and Air Conditioning	\$0 \$410,195	\$971,306 \$1,739,498	971,306 2,149,693	\$15.96 /SF \$35.32 /SF	3.6% of Direct Costs 7.9% of Direct Costs
Division #25	Integrated Automation	\$0	\$0	2,149,093	\$0.00 /SF	0.0% of Direct Costs
Division #26	Electrical	\$0	\$1,660,444	1,660,444	\$27.28 /SF	6.1% of Direct Costs
Division #27	Communications	\$0	\$330,239	330,239	\$5.43 /SF	1.2% of Direct Costs
Division #28	Electonic Safety and Security	\$0	\$141,361	141,361	\$2.32 /SF	0.5% of Direct Costs
Division #31 Division #32	Earthwork Exterior Improvements	\$2,162,583	\$0 ¢1 104 ERE	2,162,583	\$35.53 /SF \$18.18 /SF	8.0% of Direct Costs
Division #32	Utilities	\$0 \$767,354	\$1,106,585 \$0	1,106,585 767,354	\$18.18 /SF \$12.61 /SF	4.1% of Direct Costs 2.8% of Direct Costs
		i			\$12.01 /01	2.035 OF Direct COStS
	Subtotal	\$7,632,693	\$19,507,535	\$27,140,228	\$445.89 /SF	100.0% of Project
	Utility Tap & Devel. Fees	By Owner	By Owner	By Owner		
	Building Permit & Plan Review Fees	By Owner	By Owner	By Owner		
	Use Tax Pidding Contingonov	N/A	N/A \$105.075	N/A 200 57/	¢E 07 /05	1.00/
	Bidding Contingency Construction Contingency	\$113,501 \$160,560	\$195,075 \$413,755	308,576 574,315	\$5.07 /SF \$9.44 /SF	1.0% of Subtotal 2% of Subtotal
	Builders Risk Insurance	\$100,300	\$413,755	70,924	\$9.44 /SF \$1.17 /SF	0.25% of Project
	Comprehensive General Liability Insurance	\$81,391	\$209,742	291,133	\$4.78 /SF	1% of Costs
	Perform., Labor & Material Bond	\$63,062	\$150,995	214,057	\$3.52 /SF	0.72% of Project
	Escalation Allowance	\$0	\$0	0	\$0.00 /SF	0.00% of Project
	General Contractors Fee Preconstruction Services	\$218,061 w/ Precon Ag.	\$421,649 w/ Precon Ag.	639,710 0	\$10.51 /SF \$0.00 /SF	0.25% of Project
	r reconstruction services	wiriccull Ay.	WITICCUITAY.	0	90.00 /SF	0.2070 ULFIUJECI
	Estimated Cost of Construction					
	100% CD	\$8,289,096	\$20,949,847	\$29,238,942	\$480.37 /SF	100.0% of Project
	Accepted Price Options		(\$1,254,871)	(\$1,254,871)		
	Owner's Contingency	\$500,000	\$500,000	\$1,000,000		
	Bid Package 1 GMP Total	\$8,789,096	ACO 40			
	Bid Package 2 GMP Total		\$20,194,976			



# Price Options List Central Denver Recreation Center - 100% CDs

-\$1,254,871	
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ltem Number		Status	Accepted Cost Comments
00 - Alternat	es / Program Discussions		
00 - 010	7/17/2015 Move rooftop restroom core/shell to rooftop event space alternate	Accepted	(65,000) Saving needs to be confirmed
00 - 017	12/2/2015 Remove roof curbs for future rooftop event space alternate	Accepted	(5,000) Saving needs to be confirmed
00 - 018	12/7/2015 Core/Shell mezzanine restroom group. Eliminate fixtures and finishes and use for storage space.	Accepted	(30,000)
02 - 008	12/1/2015 Provide 1 year ILO 2 year warranty and maintenance requirement	Accepted	(23,255)
02 - 010	12/1/2015 Remove Soofa bench from project	Accepted	(4,188)
02 - 011	12/1/2015 Move Big Belly trash cans to FF&E	Accepted	(21,062)
02 - 012	12/1/2015 Remove parking meter poles at Josephine street from project	Accepted	(1,669) These spaces will be 2 hour
04 - 001	11/18/2015 Reduce Anti-Graffitti coating from all masonry areas to area TBD by design team	Accepted	(65,000) Saving needs to be confirme
05 - 001	11/18/2015 Target structural steel savings based on reduced joist tonnage per forthcoming drawing updates	Accepted	(750,000) Saving needs to be confirme
05 - 003	12/8/2015 Simplify handrail. Use steel pipe top rail ILO wood with LED light tape.	Accepted	(4,198) Saving needs to be confirme
06 - 002	12/1/2015 Delete bench under mezzanine stair	Accepted	(2,835) A railing extension will be re
08 - 001	12/1/2015 Revise doors 020E and 020A from double doors to single	Accepted	(3,205)
08 - 003	12/1/2015 Eliminate door 001 between locker hallway and pool vestibule	Accepted	(4,430)
08 - 010	12/7/2015 Delete door 036 and add back double hollow metal door in adjacent wall	Accepted	(4,176)
08 - 006	12/2/2015 Eliminate the OPG Kaiser trim and provide metal sill and brick return at jamb and head	Accepted	(12,000)
08 - 011	12/16/2015 Revise door 020D from double door to single 4'-0" door	Accepted	(1,375)
09 - 001	11/18/2015 Remove requirement of APC at all walls in Natatoriums	Accepted	(49,561)
09 - 003	12/1/2015 Reduce Paint warranty period from 5 years to 2 years	Accepted	(125,000)
09 - 005	12/9/2015 Remove painting of natatorium exposed ductwork (aluminum)	Accepted	(13,230) Previously carried in painter
09 - 006	12/16/2015 Remove painting at remaining ductwork areas	Accepted	(7,370)
10 - 004	12/2/2015 Remove stair tread graphics from current scope (can be installed at a later date)	Accepted	(11,176)
10 - 001	5/11/2015 Add for electronic locks at lockers	Accepted	31,503 Assumes 1 and 2 tier lockers
10 - 002	12/1/2015 Remove lockers at fitness floor (or possible move to FF&E)	Accepted	(6,402)
11 - 001	12/1/2015 Move projection screens to FF&E	Accepted	(1,150)
11 - 002	12/1/2015 Move residential appliances except dishwasher to FF&E	Accepted	(11,546)
11 - 003	12/1/2015 Move TV brackets to FF&E	Accepted	(6,624)
13 - 003	7/13/2015 Eliminate life guard chairs from GMP and City to purchase as FFE. Savings to GMP.	Accepted	(3,310) City discussed Life Guard ch
15 - 001	12/2/2015 Provide semi recessed white heads ILO concealed at the finished ceilings	Accepted	(3,200)
15 - 002	12/7/2015 Delete supply and exhaust airflow measuring stations from PDUs (4 total)	Accepted	(6,000)
15 - 003	12/7/2015 Reduce area drains in pool office from 2 to 1	Accepted	(875)
15 - 004	12/7/2015 Reduce area drains in Lifeguard 024 from 2 to 1	Accepted	(863)
15 - 005	12/7/2015 Reduce area drains in Pool storage 023 from 2 to 1	Accepted	(875)
15 - 014	12/7/2015 Provide raw ductwork ILO painted duct at gym and cardio	Accepted	(11,600)
16 - 012	12/7/2015 Allow for use of MC cable for single circuit electrical connecting in drywall partitions and ceilings.	Accepted	(15,000) Acceptable to design team,
16 - 014	12/7/2015 Remove EMON / DEMON item in estimate. Electrical contractor included metering as required.	Accepted	(5,000) ADK proposal has metering
16 - 015	12/7/2015 Delete conduits for power, comcast, centurylink, and associated vaults to future retail space	Accepted	(10,200) Deletes 2 vaults, 80' trench,

GMP Proposal Contract Exhibit CDRC Bid Package 2 and Sullivan Gateway Page 7 of 33

1/8/2016

Decision Date med with subcontractors med with subcontractor our parking per CCD med with subcontractor med with subcontractor rmed with subcontractor required to meet code ter's proposal (Maximum Painting) ers in pool locker rooms to receive locks chairs as FFE. n, need to confirm with City if acceptable ng already ADK h, 1500' 4" PVC



			Det		stimate and Budget Control	ol Document	
	Item #	Description	Quantity		Bid Package #2 - GMP Total Unit	Notes / Comments / Clarifications	Total Cos
Division () - (	General Con		Quantity	Onit		Notes / Comments / Clarineations	
00 72 00		al Conditions					
		BP#2 - General conditions of the contract	1.00	ls	\$693,600.00	per GC & Fee Matrix	\$693,6
	3	Public services and development fees				Not Included - See Summary	
00 72 00 Total						\$693,	600
Division () - Gen	eral Conditions	Total				\$693	600
Sivision o Con		1000				\$070	000
Division 01 -	- General Re	quirements					
01 14 00	Work Restr						
		Off-hours work				Not Included	
		Site access requirements - offsite staging				Not Included	
01 14 00 Total	6	ROW Closure Permit Fees - sidewalks and traffic lane				Not Req'd per Brett H. email & discussion 11/5 \$0	
01 14 00 10101						\$U	
01 33 00	Submittals						
		Delivery costs / messenger services				GC's	
01 33 00 Total						\$0	
01 45 00	Quality Cor	atrol					
JI J UU		Independent testing				By Owner	
		Soil compaction tests				By Owner	
	3	Concrete tests				By Owner	
	4	Steel weld test / inspections				By Owner	:
01 45 00 Total						\$0	
01 51 00	Temporary	Eacilities					
015100		BP#2					
		Temporary elevator use (plywood protection)	2.00	ea	\$281.94		\$5
	13	Flagmen - during steel erection	53.00	days	\$819.00		\$43,4
		Temporary electricity	19.00	mth	\$2,000.00		\$38,0
		Temporary lighting	60868.00	sf	\$0.08		\$4,8
		Temporary water	19.00	mth	\$350.00	Mayod from Conorol Conditions	\$6,6
	17		1.00	ls	\$65,000.00 \$10,000.00	Moved from General Conditions Moved from General Conditions	\$65,0 \$10,0
		Dumpsters	124.50	ls ea	\$455.00	Avg unit cost used (overweight dumpsters are more)	\$10,0
	20		1.00	allow	\$21,000.00	Estimated rate on estimated contract value for BP2	\$21,0
	21	Time lapse video requested by City	1.00	ls	\$7,410.00		\$7,4
		Denver Water - City requested tap fees run through AP's					
	22		1.00	ls	\$7,400.00		\$7,4
	23	Hoists Const. aids and misc. services				By Trade / Division N/A	
	24					By Demo Sub	
	26					By Division	
	27					Division 2	
	28					Not Included	
	29	Temporary heating, cooling and ventilating				By Trade	
01 51 00 Total						\$260,	948
01 74 00	Cleaning						
		Final clean site	114152.00	sf		With GC's	
	2	Final clean building				With GC's	
01 74 00 Total						\$0	
01 54 00	Constructio	an Aida					
01 54 00		Temporary elevators				N/A	
		Temporary hoists				N/A	
	3	Temporary cranes	10.00	mth	\$13,627.00		\$136,2
		Concrete or gravel pad for crane	1.00	ls	\$9,724.00		\$9,7
		Temp power for crane	10.00	mth	\$2,000.00		\$20,0
01 E4 00 Total	6	Temporary scaffolding and platforms	1.00	ls	\$102,000.00	Over Lap & Leisure Pools	\$102,0
01 54 00 Total						\$267,	994
Division 01 - Ge	neral Requirem	ents Total				\$528,	.942
Division 2 - I	Existing Cor	nditions					
02 41 00	Demolition						
02 41 00 Total	1	Building Demolition				Not Included	
02 41 00 Total	sting Conditions	- Total				\$0	
	•					\$0	
Division 03 -							
03 35 00	Concrete F		1.00				
	1	Assuming Slab-on-Grade (SOG) for lower level Assuming Slab-on-Deck (SOD) for upper level slab on metal	1.00	ls		Below	
	ņ	deck	1.00	ls		Below	
	Z		1.00	15		DCIOW	

	em #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total
0		BP#2 - Slabs - Rec Center	Quantity	Onit	Total Onit	Below	Total
-		Flatwork	1.00	ls	\$432,633.60		\$43
	5	SOG, 5"th slab-on-grade (unreinforced)	18445.00	sf		Included	
	6	WWF reinforcing at SOG				Not Included - Not called for on drawings	
	7	Trench drain detail L/S2.2				Not Included	
						Change Order to BP#1 - should be added to foundation	
		Stair east of pool mech room				scope	
	9	Thickened slabs at interior wall locations	1048.00	lf		Included	
		Swirl finish at pool deck	1.00	ls		Included	
		Vapor Barrier	2513.00	sf		Only included at resilient & carpet floor finish areas	
		SOD, 5-1/2"th with wwf6x6-w2.1xw2.1	34095.00	sf		Included	
		SOD, 8"th over mechanical louvers (A/S2.8) with #5 bars	57.00	sf		Included	
		Conc roof pads for RTU's, 6"th (G/S2.11)	707.00	sf		Included	
		SOD, Stair Landings	1815.00	sf		Included	
		Stair Conc Filled Steel Pans Curb for step in slabs Wt Rm/Gym (A/S2.9)	1355.00 90.00	lf lf		Included Included	
		Curb for future event space & terrace, 3"th x 8"w (12/A741)	604.00	lf		Included	
		Slab and lids for pump pit and surge tank	004.00	Ш		w/ Formwork	
		State and host of pump pit and surge tank				Not Included	
		Sawcut slabs	7005.33	lf		Included	
		Concrete Material	1120.11	су		Included	
		Additives for concrete	1120.11	cy		Included	
		Pumping	1120.11	су		Included	
		Short load/off hour deliveries	1120.11	су		Included	
	26	Welded-Wire-Fabric reinforcing steel SOD	34095.00	sf		Included	
	27	Reinforcing Steel for slabs - Material				N/A	
	28	Reinforcing Steel for slabs - Labor				N/A	
	29	Void Form - Material				Not Req'd per Geotech	
	30	Void Form - Labor				Not Req'd per Geotech	
		Mock-up for architectural concrete pool deck surfaces (03300	0-				
	-	1.07)	1.00	ls	\$5,000.00		
		Slab moisture control (033000-1.03.B)				Need to confirm with TCS on mfg's warranty	
	33	MWBE Participation				Refer to MWBE worksheet	
0 Total						\$437,634	
0 Gro	outing						
		Columns	60.00	ea	\$60.00		
		Steel beam bearings	20.00	ea	\$75.00		
		Elevator/Hoist sills	5.00	ea	\$250.00		
0 Total	3					\$6,350	
	ncrete Fo	FORMWORK				\$6,350 Included	
	ncrete Fo	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div.				Included	
	ncrete Fo	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)					
	ncrete Fo	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div.				Included	
	ncrete Fo 1 2 39	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center	1.00		(	Included Included Duantities are AP's estimated values. Need to confirm with	
	ncrete Fo 1 2 39 40	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams	1.00	sub		Included Included Quantities are AP's estimated values. Need to confirm with subs.	
	ncrete Fo 1 2 39 40 41	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns	1.00	ls	(	Included Included Quantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs	
	ncrete Fo 1 2 39 40 41 42	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24"w x 24" w x 5'-5"h	1.00 4.00	ls ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fo 1 2 39 40 41 42 43	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h	1.00 4.00 5.00	ls ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h	1.00 4.00 5.00 1.00	ls ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h	1.00         4.00         5.00         1.00         1.00	ls ea ea ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included	
	ncrete Fc 1 39 40 41 42 43 44 45 46	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h	1.00 4.00 5.00 1.00	ls ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included	
	ncrete Fc 1 39 40 41 42 43 44 45 46 47	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24'w x 24'' w x 5'-5''h CC2 - CIP column - 24'' dia x 23'-4''h CC2 - CIP column - 24'' dia x 30'-1''h CC3 - CIP column - 18''x30'' x 14'-5''h	1.00 4.00 5.00 1.00 1.00 1.00	ls ea ea ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 31'-9"h CC4 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 20'-8"h	1.00 4.00 5.00 1.00 1.00 1.00 7.00	ls ea ea ea ea ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 24'-0"h CC3 - CIP column - 18"x30" x 29'-0"h CC4 - CIP column - 18"x30" x 21'-9"h	1.00 4.00 5.00 1.00 1.00 1.00 7.00 5.00	ls ea ea ea ea ea ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 30'-9"h CC4 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 20'-8"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00	Is           ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included Included Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CIP Columns           CC1 - CIP pilaster - 24" w x 24" w x 5-5"h           CC2 - CIP column - 24" dia x 30-1"h           CC3 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC3 - CIP column - 18"x30" x 29'-0"h           CC4 - CIP column - 18"x30" x 29'-0"h           CC6 - CIP column - 18"x30" x 29'-0"h           CC6 - CIP column - 18"x18" x 29'-0"h           CC6 - CIP column - 18"x18" x 29'-0"h           CIP 12x36 beam over pool (C/S2.9, G/S2.10)           CIP 20x36 beam (F,G,H/S2.9, E/S2.10)	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	ls ea ea ea ea ea ea ea ea ea	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included Included Included Included Included Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h           CC2 - CIP column - 24" dia x 23'-4"h           CC2 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC3 - CIP column - 18"x30" x 29'-0"h           CC4 - CIP column - 18"x30" x 30'-9"h           CC5 - CIP column - 18"x30" x 29'-0"h           CC5 - CIP column - 18"x30" x 20'-8"h           CC6 - CIP column - 18"x30" x 20'-8"h           CC6 - CIP column - 18"x30" x 29'-0"h           CIP 12x36 beam (F.G.H/S2.9, E/S2.10)           CIP 20x36 beam (F.G.H/S2.9, E/S2.10)           CIP 16x61 beam (D/S2.9, C,H/S2.10)	1.00           4.00           5.00           1.00           1.00           5.00           1.00           1.00           1.00           1.00           93.00	ls ea ea ea ea ea ea ea lf	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included Included Included Included Included Included Included Included Included Included Included Included Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CC2 - CIP Valls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CC2 - CIP column - 24" dia x 23'-4"h           CC2 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC4 - CIP column - 18"x30" x 31'-9"h           CC5 - CIP column - 18"x30" x 31'-9"h           CC5 - CIP column - 18"x18" x 29'-0"h           CC6 - CIP column - 18"x18" x 29'-0"h           CIP 12x36 beam over pool (C/S2.9, G/S2.10)           CIP 12x36 beam (F,G,H/S2.9, E/S2.10)           CIP 14x6 beam (D/S2.9, C,H/S2.10)           CIP 16x61 beam (D/S2.9, C,H/S2.10)           Shoring for CIP beams	1.00           4.00           5.00           1.00           1.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           9.00           212.00	Is ea ea ea ea ea ea ea ea ea If	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CC1 - CIP pilaster - 24''w x 24'' w x 5'-5"h           CC2 - CIP column - 24'' dia x 23'-4"h           CC2 - CIP column - 24'' dia x 30'-1"h           CC3 - CIP column - 18''x30'' x 29'-0"h           CC4 - CIP column - 18''x30'' x 29'-0"h           CC5 - CIP column - 18''x30'' x 29'-0"h           CC5 - CIP column - 18''x30'' x 29'-0"h           CC6 - CIP column - 18''x30'' x 29'-0"h           CIP 12x36 beam over pool (C/S2.9, G/S2.10)           CIP 20x36 beam (JoS2.9, C,H/S2.10)           CIP 16x61 beam (D/S2.9, C,H/S2.10)           Shoring for CIP beams           12' CIP Stair/Elev Core Walls	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           21.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	Is ea ea ea ea ea ea ea If If	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CC1 - CIP pilaster - 24'w x 24" w x 5'-5"h           CC2 - CIP column - 24" dia x 23'-4"h           CC2 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC4 - CIP column - 18"x30" x 31'-9"h           CC5 - CIP column - 18"x30" x 29'-0"h           CC6 - CIP column - 18"x30" x 29'-0"h           CIP 12x36 beam over pool (C/S2.9, G/S2.10)           CIP 12x36 beam (F.G.H/S2.9, E/S2.10)           CIP 10x61 beam (D/S2.9, C,H/S2.10)           Shoring for CIP beams           12" CIP Stair/Elev Core Walls           Reinforcing Steel - Material	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           2.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           212.00           128.00           28.00	Is ea ea ea ea ea ea ea ea If If Is	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Included Included Included Included Included Included Included Included Included Included Included Included Stair & Elev Cores now CMU walls Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CIP pilaster - 24" w x 24" w x 5-5"h CC2 - CIP column - 24" dia x 30'-1"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 29'-0"h CC4 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (F,G,H/S2 9, G/S2.10) CIP 12x36 beam (F,G,H/S2 9, G/S2.10) CIP 16x61 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           28.00	Is           ea           if           if           ions           tons	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 24'-0"h CC4 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (F.G.H/S2.9, E/S2.10) CIP 12x36 beam (P.G.H/S2.9, E/S2.10) CIP 16x61 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12' CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           1.00	Is           ea           ff           lf           ls	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 455 56 57 58 59	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC4 - CIP column - 18"x30" x 30'-9"h CC5 - CIP column - 18"x30" x 30'-9"h CC5 - CIP column - 18"x30" x 30'-9"h CC5 - CIP column - 18"x30" x 31'-9"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (F,G,H/S2.9, E/S2.10) CIP 12x36 beam (F,G,H/S2.9, E/S2.10) CIP 12x36 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           28.00	Is           ea           if           if           ions           tons	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 9 60	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP column - 24" dia x 23"-4"h CC2 - CIP column - 24" dia x 23"-4"h CC3 - CIP column - 24" dia x 30"-1"h CC3 - CIP column - 18"x30" x 14"-5"h CC3 - CIP column - 18"x30" x 30"-9"h CC3 - CIP column - 18"x30" x 30"-9"h CC3 - CIP column - 18"x30" x 29"-0"h CC4 - CIP column - 18"x30" x 29"-0"h CC5 - CIP column - 18"x30" x 29"-0"h CC6 - CIP column - 18"x30" x 29"-0"h CC6 - CIP column - 18"x30" x 29"-0"h CIP 12x36 beam over pool (C/S2.9, G/S2.10) CIP 12x36 beam over pool (C/S2.9, G/S2.10) CIP 16x61 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - material	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           1.00	Is           ea           ff           lf           ls	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Include	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 0 60 61	FORMWORK           Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31)           BP#2 - CIP Walls Above Grade - Rec Center           Formwork for cast-in-place concrete columns & beams           CIP Columns           CIP Column - 24" dia x 23'-4"h           CC2 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 24" dia x 30'-1"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC3 - CIP column - 18"x30" x 30'-9"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC3 - CIP column - 18"x30" x 14'-5"h           CC4 - CIP column - 18"x30" x 30'-9"h           CC5 - CIP column - 18"x30" x 29'-0"h           CC4 - CIP column - 18"x30" x 29'-0"h           CC6 - CIP column - 18"x18" x 29'-0"h           CIP 12x36 beam over pool (C/S2.9, G/S2.10)           CIP 20x36 beam (F,G,H/S2.9, E/S2.10)           CIP 20x36 beam (F,G,H/S2.9, E/S2.10)           CIP 12x36 beam (D/S2.9, C,H/S2.10)           Shoring for CIP beams           12" CIP Stair/Elev Core Walls           Reinforcing Steel - Material           Reinforcing Steel - labor           Concrete Foreman           Unloading, moving rebar           Void Form for GB - material           Void Form for GB - labor	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           93.00           212.00           128.00           28.00           28.00           1.00           1.00	Is           ea           ff           ff           ff           is           is	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included National Stair & Elev Cores now CMU walls Included Include Includ	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CIP pilaster - 24" w x 24" w x 5-5"h CC2 - CIP column - 24" dia x 30'-1"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 20'-9"h CC4 - CIP column - 18"x30" x 20'-6"h CC5 - CIP column - 18"x30" x 20'-6"h CC6 - CIP column - 18"x30" x 20'-6"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (F,G,H/S2,9, E/S2.10) CIP 12x36 beam (F,G,H/S2,9, E/S2.10) CIP 16x61 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - naterial Void Form for GB - Iabor	1.00           4.00           5.00           1.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	Is           ea           ff           if           if           tons           tons           is           cy	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included In	
	ncrete Fc 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 51 52 53 54 55 56 57 58 59 60 61 62 63	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 24'-0"h CC4 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (F,G,H/S2 9, E/S2.10) CIP 12x36 beam (F,G,H/S2 9, E/S2.10) CIP 16x61 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Material Void Form for GB - material Void Form for GB - labor Concrete Material Additives for concrete	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           7.00           5.00           1.00           1.00           93.00           212.00           128.00           28.00           28.00           1.00           1.00           1.00           1.00           1.00	Is           ea           ff           If           If           tons           ls           cy           ls	(	Included Included Uuantities are AP's estimated values. Need to confirm with Sub. Sub bids may be based on their own quantity takeoffs Included Include Include Include Include Include Include Include I	
	ncrete Fc 1 2 39 40 411 42 43 44 45 46 47 48 49 50 51 52 53 54 45 55 56 57 58 59 60 61 62 63 64	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 30'-9"h CC4 - CIP column - 18"x30" x 30'-9"h CC5 - CIP column - 18"x30" x 30'-8"h CC5 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 31'-9"h CC6 - CIP column - 18"x30" x 31'-9"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (CF, H/S2.9, C/S2.10) CIP 20x36 beam (D/S2.9, C/S2.10) CIP 20x36 beam (D/S2.9, C/H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - material Void Form for GB - naterial Void Form for GB - labor Concrete Material Additives for concrete Pumping	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           93.00           212.00           128.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	is           ea           ff           ff           fs	(	Included Included Uncluded Uncluded Uncluded Uncluded Uncluded Included Include Included Include	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 46 65	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP pilaster - 24"w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 24'-0"h CC3 - CIP column - 18"x30" x 29'-0"h CC4 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam over pool (C/S2.9, G/S2.10) CIP 12x36 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - naterial Void Form for GB - labor Concrete Material Additives for concrete Pumping Short load/off hour deliveries	1.00           4.00           5.00           1.00           1.00           7.00           5.00           1.00           7.00           5.00           1.00           1.00           1.00           1.00           1.00           28.00           28.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	Is           ea           ff           If           If           tons           ls           cy           ls	(	Included Included Uuantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Include	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 46 65	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 30'-9"h CC3 - CIP column - 18"x30" x 30'-9"h CC4 - CIP column - 18"x30" x 30'-9"h CC5 - CIP column - 18"x30" x 30'-8"h CC5 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 31'-9"h CC6 - CIP column - 18"x30" x 31'-9"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam (CF, H/S2.9, C/S2.10) CIP 20x36 beam (D/S2.9, C/S2.10) CIP 20x36 beam (D/S2.9, C/H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - material Void Form for GB - naterial Void Form for GB - labor Concrete Material Additives for concrete Pumping	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           93.00           212.00           128.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	is           ea           ff           ff           fs	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included National Stair & Elev Cores now CMU walls Included Stair & Elev Cores now CMU walls Included Included National Stair & Included	
	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 46 65	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC2 - CIP pilaster - 24"w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 23'-4"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 29'-0"h CC4 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 31'-9"h CC5 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam over pool (C/S2.9, G/S2.10) CIP 12x36 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - naterial Void Form for GB - labor Concrete Material Additives for concrete Pumping Short load/off hour deliveries	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           93.00           212.00           128.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	is           ea           ff           ff           fs	(	Included Included Uuantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included Include	
0 Cor	ncrete Fo 1 2 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 46 65	FORMWORK Assuming Grade Beams on Drilled Piers (Drilled Piers in Div. 31) BP#2 - CIP Walls Above Grade - Rec Center Formwork for cast-in-place concrete columns & beams CIP Columns CC1 - CIP pilaster - 24" w x 24" w x 5'-5"h CC2 - CIP column - 24" dia x 23'-4"h CC2 - CIP column - 24" dia x 30'-1"h CC3 - CIP column - 18"x30" x 14'-5"h CC3 - CIP column - 18"x30" x 24'-0"h CC3 - CIP column - 18"x30" x 30'-9"h CC4 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC5 - CIP column - 18"x30" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CC6 - CIP column - 18"x18" x 29'-0"h CIP 12x36 beam over pool (C29, G/S2.10) CIP 12x36 beam (F,G,H/S2.9, E/S2.10) CIP 15x46 beam (D/S2.9, C,H/S2.10) Shoring for CIP beams 12" CIP Stair/Elev Core Walls Reinforcing Steel - Material Reinforcing Steel - Material Reinforcing Steel - Iabor Concrete Foreman Unloading, moving rebar Void Form for GB - naterial Additives for concrete Pumping Shot Ioad/off hour deliveries MWBE Participation	1.00           4.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           93.00           212.00           128.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00	is           ea           ff           ff           fs	(	Included Included Duantities are AP's estimated values. Need to confirm with subs. Sub bids may be based on their own quantity takeoffs Included National Stair & Elev Cores now CMU walls Included Stair & Elev Cores now CMU walls Included Included National Stair & Included	



			De	tailed Cost Es	stimate and Budget Contr		
	Item #	Description	Quantity		Bid Package #2 - GMP Total Unit	Notes / Comments / Clarifications	Total Cost
03 30 05		Caissons	Quantity	UIIII	Total Offic	W/ Caissons	\$0
		Pier caps, footings, column pads, grade beams, columns -					
		material				w/ Foundations	\$0
		SOV - material SOD - material				w/ Slabs w/ Slabs	\$0 \$0
		Sol - material Short load/off hour deliveries				w/ Stabs	\$0
		Fibermesh				w/ Conc	\$0
		Additives for concrete flatwork				w/ Conc	\$0
00.00 OF Tatal	9	CONCRETE PUMP, fnd & slabs				w/ Conc	\$0
03 30 05 Total						\$	U
03 20 00	Concrete F	Reinforcing					
		Concrete reinforcing steel (bldg)				w/ Foundations	\$0
		Masonry reinforcing steel				w/ Masonry	\$0
		Install concrete rebar Accessories material (chairs,spacers, safety caps, etc)				w/ Foundations w/ Conc	\$0 \$0
		Accessories - labor				w/ Conc	\$0
03 20 00 Total							0
03 40 00	Precast Co						**
03 40 00 Total	1	Precast Concrete				Structure Changed to Steel Framed	\$0 0
03 40 00 10(2)						\$	
03 35 11		Floor Finishes					
	1	Polished concrete floor systems				With Division 9 Flooring	\$0
03 35 11 Total						\$	0
Division 03 - Cor	ncroto Total					(	\$918,984
211131011 03 - COI						Ŷ	710,704
Division 04 -	Masonry						
04 20 00	Unit Masor	nry					
		Unit Masonry	1.00	sub	\$1,647,175.00		\$1,647,175
		W206 - CMU, 6" walls 14-18' height	10385.00	sf		Included	\$0
		W208 - CMU, 8" walls 14-18' height	6967.00	sf		Included	\$0
		W212 - CMU, 12" walls -14-18' height 12" CMU 3hr fire wall at grid C	16069.00	sf		Fire wall scope added at 100% CDs Included	\$0 \$0
		CMU Locker bases	261.00	lf		Included	\$0
		Firestopping of rated CMU walls	1.00	ls	\$4,250.00		\$4,250
	8	Exterior brick veneer - Norman brick size running bond	32681.00	sf		Brick qty increased by 4,400 s.f.	\$0
		Exterior brick veneer - Norman brick size stacked bond	5743.00	sf		Included	\$0
		Color match mortar for dark and light brick color	1.00	ls	#7 F00 00	Included	\$0
		Vertical s.s. reveal at stacked bond per 6/A732 Anti-graffitti coating	1.00	allow	\$7,500.00	Allowance based on 340 l.f. @ \$22/lf With Paint	\$7,500 \$0
	12	° °	6.00	ea		Included	\$0
		Masonry reinforcing steel	50.13	tons	\$960.00		\$48,126
	15		1.00	ls		Included	\$0
	16					w/ Div 7	\$0
	17		33421.00	ls	\$0.08		\$2,674
	18 19		21.00	ea ea	\$350.00 \$19.24		\$7,350
		Clean masonry	1.00	ls	\$17.24	Included	\$2,213
		Shoring for door & window openings	41.00	ea	\$198.94	moluucu	\$8,157
		Deadmen for bracing of masonry	1.00	ls	\$3,000.00		\$3,000
	23	, , , , ,	24.00	ea	\$140.97		\$3,383
	24		72108.00	sf	\$0.08		\$5,769
04 20 00 Total		MWBE Participation				Refer to MWBE worksheet	1,739,596
04 20 00 10181						Ŷ	1,137,370
Division 04 - Mas	sonry Total					\$	1,739,596
Division 5 - S							
05 12 00	Structural		1.00		# 4 00F 750 00	Chan Drawing 0 Detailed to Aller and Aller	* · · · ·
		BP#2 Structural Steel Columns, beams, bracing, steel joists	1.00	sub tons	\$4,025,750.00	Shop Drawings & Detailing in Allowance Above Included	\$4,025,750 \$0
		Floor and roof decking	1.00	ls		Included	\$0
		Standard floor and roof decking	1.00	ls		Included	\$0
	7	Bent plates, deck L	1.00	ls		Included	\$0
	8	Brick angle, galvanized	1.00	ls		Included	\$0
	-	SP6 blast prep and Tnemec 90-97 High Perf Primer @	1.00	L.		11 1 1	**
		Natarorium & Pool Mech Curtainwall support framing	1.00	ls Is		Included Included	\$0 \$0
		Erect steel, joists and decking	1.00	ls		Included	\$0
	11					melducu	φü
		AESS notes on: 4/A607; 11/A608; 1/A615; 2,3/A616; 3,4/A617	1.00	ls		Included - Scope added at 100% CD's	\$C
		Misc Steel Fabrication	1.00	ls		Below	\$0
	14		105.00	risers		Included	\$0
L		East Stair (egress), C stringers, pan treads, simple rail	105.00	risers		Included	\$0 \$0
	16	Exterior Stair, egress, grating treads, std picket rail	24.00	risers		Included	\$0

05 12 00

Item #

w/ Steel Above

w/ Steel Above

Total Cost

\$0

\$0 \$0 \$0

\$0

\$0 \$0

\$0

\$0

\$0

\$0

#### **Central Denver Recreation Center** Detailed Cost Estimate and Budget Control Document

				Bid Package #2 - GMP	
#	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications
17	Steel pan stair between Cardio/Gym (A114, 9/A504)	1.00	ls		Included
18	Utility/Trash screen wall - T.S. columns, kickers	338.00	lf		Included
19	Stair to pool mech pump pit, grating treads, std rail	13.00	risers		Included
20	Stair from Gym to Weight Rm	1.00	ls		Included
21	Guardrail only at 2nd FI and Mezzanine	35.00	lf		Included
22	Roof ladders	1.00	ls		Included
23	Elev pit ladder	1.00	ea		Included
24	Guardrail around pump pit	37.00	lf		Included
25	Wall mounted stair handrail @ Gym/Weight Rm	18.00	lf		Included
26	Exterior primed 5 pipe guardrail at ramp	200.00	lf		Included

	23	Wai mounted stail handran @ Oym/Weight Kin	10.00		Included	ψŪ
	26	Exterior primed 5 pipe guardrail at ramp	200.00	lf	Included	\$0
	27	Exterior primed wall mounted stair handrail	19.00	lf	Included	\$0
	28	Steel supports for gym equipment			Not Included	\$0
	29	Divider curtain supports S3.8	1.00	ls	Included	\$(
	30	Skylight framing	1.00	ls	Included	\$0
		Decorative metal railings at overhead sectional doors (A	302,			
	31	3/A701)	1.00	ls	Included	\$0
		Guardrail at egress stair from lower level, east elevation,	col. D			
	32	and A304	1.00	ls	Included	\$0
	33	Perimeter angle at all skylights, 1/A741	1.00	ls	Included	\$0
	34	Diamond plate at fitness curb 1/A740	1.00	ls	Included	\$0
	35	labor to install diamond plate at fitness curb	192.00	lf	\$12.00	\$2,304
	36	Masonry lintels and ledger angles	1.00	ls	Included	\$0
		All ledger angles supporting brick or masonry shall be				
		galvanized (S1.0, #16)	1.00	ls	Included	\$0
	38	Weld rebar to bent plate slab edge (B/S2.6)	1.00	ls	Included	\$(
	39	Misc Metals building & site			Owner to pay for missing items from Owner contingency	\$1
	40	Touch-up epoxy paint and galvanized steel	60868.00	sf	\$0.12	\$7,304
	41	Parapet railing or railings at rooftop			Not Included	\$0
	42	Steel sunshades			Assumed with Curtainwall System	\$0
	43	IAC or AISC certifications	1.00	ls	Included	\$(
	44	Safety cabling - furnish and install	1.00	ls	Included	\$0
	45	Safety cabling - maintain and removal	2322.00	lf	\$2.25	\$5,225
		Structural or misc steel for the "stud support info" doc in				
	46	Clarification 2			We understand the intent is for metal stud subs	\$0
	47	MWBE Participation			Refer to MWBE worksheet	
05 12 00 Total					\$	4,040,583
05 50 00	Metal Fabri	cations				
	1	Metal Fabrication			w/ Steel Above	\$(
05 50 00 Total					\$	
05 90 00	Steel Erecti	on & Coordination				
	1	Steel Erection			w/ Steel Above	\$
05 90 00 Total					\$	
					•	

Steel Joist Framing 05 21 00 1 Steel Joists

05 30 00 Metal Deck 1 Decking

# 05 30 00 To

Division 5 - Steel Total \$4,040,583 Division 6 - Carpentry 06 10 53 Rough Carpentry 1 Rec Center: \$0 Roof blocking layout 15.00 \$74.60 \$1,119 2 hrs Parapet blocking (2) 18" rips of 3/4 plywood and (2) ripped 3 2x4's 1286.00 \$17.42 \$22,405 lf 4 2x blocking at base of parapet (1) 2x6 and (2) 2x4's \$5.981 1286.00 \$4.65 lf 5 Roof curb, hatch or skylight blocking 2x6 14" high \$11,028 815.00 lf \$13.53 6 Full height fire retardant plywood 1024.00 sf \$3.76 \$3,850 7 Concealed blocking, fire rated 2x6 curfed for metal studs 393.00 lf \$4.24 \$1,667 N/A 8 Danback blocking 16" high \$0 9 - Shelves, countertops, cabinets, trim 595.00 lf \$3.41 \$2,027 10 - Toilet accessories, projection screens, fire extinguishers 577.00 \$3.41 \$1,966 lf 11 Doors & windows 2x6 fire rated 2656.00 \$5.53 \$14,689 lf 12 Low height wall cap blocking 2x4 280.00 \$2.24 \$628 lf 13 Misc. blocking items 0.05 \$65,360.39 \$3,268 06 10 53 Tota \$68.6 06 18 00 **Glu-Laminated Construction** Not Included 1 Glu-Lam Construction \$0 06 18 00 Tota

06 22 13 Finish Carpentry



				В	id Package #2 - GMP		
	Item #	Description	Quantity		Total Unit	Notes / Comments / Clarifications	Total
06 22 13	1	Finish Carpentry	1.00	sub	\$193,245.12		\$193
		Lifeguard - p.lam base and upper cabinets with solid surface c					
		top	10.00	lf		Included	
	3		10.00	lf		Included	
		Locker Room - solid surface c-tops with apron	41.00	lf		Included	
		Plastic locker benches with wall mounted brackets	307.00	lf		Included	
	6		38.00	lf		Included	
	/	Entry Lobby - reception desk	35.00	lf		Exceeded previous allowance by \$18k	
	0	Admin breakroom - p.lam base and upper cabinets with solid	20.00	IF.		ladudad	
	8		20.00	lf		Included	
		Drop-in childcare - p.lam secured check-in counter with gate	13.00	lf		Included Included	
		Drop-in Childcare - p.lam casework with solid surface c-top	15.00	lf		Not Included in Base - with Alternate 5	
	11	MDF cutouts on walls of childcare per A608				Not included in Base - with Alternate 5	
	10	Flex classroom - p.lam upper and lower casework with solid surface c-top	1/ 00	IF.		laduded.	
	12		16.00 85.00	lf	\$35.70	Included	¢
	13	wood cap at partial height wall off famp	00.00	lf/allow		luded - Scope added at 100% CDs when egress stair was	\$
	14	Bench at stair M02	1.00	ls	IIIC	added	
	14		4.00	lf		Included	
	10		246.00	lf		Included	
	10		64.00	If/allow	\$85.00	liiciuded	ş
	17	•	179.00				3
	18		320.00	lf/allow sf	\$40.00	With Ceiling	3
	20		320.00	st	\$2.00	with Celling	5
	20	Protect casework during construction	595.00	lf	\$2.00		
	21	I TOLCH CASEWOIN MUTHING CONSILUCTION	333.00	П		Not Included - AWI Certification and Labels are additional	
	11	AWI Certification and Labels				cost	
	22	Warranty period - 1 year				5 year warranty period is additional cost	
	23	MWBE Participation				Refer to MWBE worksheet	
22 13 Total	24	WWDE Fancipation					13,145
						φL	13,143
ision 6 - Carpe	ontry Total					\$2	281,774
	chay rotai					Ψ2	01,774
vision 7 - T	hermal and	Moisture Protection					
13 26	Waterproof						
15 20	1	Waterproofing and Damproofing	1.00	sub	\$57,324.00		\$!
	1	Self adhered sheet waterproofing for pump pit	1.00	ls	\$37,324.00	Included	φ
	2			15			
	2	Solf adhorod shoot waterproofing at elevator pit		le		Included	
		Self adhered sheet waterproofing at elevator pit	1.00	ls			
	4	Dampproofing at grade beams	9750.00	sf		Included	
	4 5	Dampproofing at grade beams Waterproofing at below grade walls	9750.00 8406.00	sf sf		Included Included	
	4 5	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board	9750.00	sf		Included	
7 13 26 Total	4 5 6	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board	9750.00 8406.00	sf sf		Included Included Included Refer to MWBE worksheet	7,324
	4 5 6 7	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation	9750.00 8406.00	sf sf		Included Included Included Refer to MWBE worksheet	7,324
	4 5 7 Building In:	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation	9750.00 8406.00 18156.00	sf sf sf		Included Included Included Refer to MWBE worksheet \$5	
	4 5 7 Building In 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation	9750.00 8406.00	sf sf	\$174,174.00	Included Included Included Refer to MWBE worksheet \$5 Included	
	4 5 6 7 Building In: 1 2	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls	9750.00 8406.00 18156.00 	sf sf sf	\$174,174.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included	
	4 5 6 7 8 8 8 8 9 8 9 1 2 3	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit	9750.00 8406.00 18156.00 1.00	sf sf sf sub	\$174,174.00	Included Included Included Refer to MWBE worksheet \$5 Included	
	4 5 6 7 8 8 8 8 9 8 9 1 2 3	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls	9750.00 8406.00 18156.00 	sf sf sf sf sub	\$174,174.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included	
	4 5 6 7 8 8 8 8 9 8 9 1 2 3	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls	9750.00 8406.00 18156.00 1.00 1.00 1.00	sf sf sf sub Is Is	\$174,174.00	Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included	
	4 5 6 7 Building In: 1 2 3 4 5	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls	9750.00 8406.00 18156.00 1.00 1.00 1.00	sf sf sf sub Is Is	\$174,174.00 \$30,257.15	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included	\$1
	4 5 6 7 Building In: 1 2 3 4 5	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sub Is Is Is		Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not Included Included With Metal Panels	\$1
	4 5 6 7 <b>Building In</b> 1 2 3 3 4 5 6	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sub ls ls sub	\$30,257.15	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not Included Included With Metal Panels	\$1
	4 5 6 7 <b>Building In</b> 1 2 3 4 5 6 7	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sub ls ls sub	\$30,257.15	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not Included Included With Metal Panels	\$1 \$ \$ \$
	4 5 6 7 Building In 1 2 3 3 4 5 6 7 8	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs	\$1 \$ \$ \$
	4 5 6 7 Building In 1 2 3 3 4 5 6 7 8	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs	\$1 \$ \$ \$
	4 5 6 7 Building In: 1 2 3 4 5 6 6 7 8 9 9	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not Included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies	\$1 \$ \$ \$
21 13	4 5 6 7 8 8 8 9 10	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at exterior walls Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet	\$1 \$ \$ \$
21 13 21 13 21 13 Total	4 5 6 7 <b>Building In</b> 1 2 3 4 5 6 7 8 9 10 11	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at exterior perimeter walls Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet	\$1 \$ \$ \$ \$
7 21 13	4 5 6 7 Building In: 1 2 3 4 4 5 6 6 7 8 9 10 11 11 Metal Wall I	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet	\$1 \$ \$ \$ \$
7 21 13 7 21 13 7 21 13 Total	4 5 6 7 8 8 8 4 5 6 6 7 7 8 8 9 10 11 11 11 11 11 11 11	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation grad for the second	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00 \$19,224.10	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet	\$1 \$ \$ \$ \$ 70,751
7 21 13 7 21 13 7 21 13 Total	4 5 6 7 Building In: 1 1 2 3 3 4 5 6 7 8 9 10 11 1 Metal Wall I 1 2	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batti insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf ls ls ls sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2	\$1 \$ \$ 70,751 \$1 \$1
7 21 13 7 21 13 7 21 13 Total	4 5 6 7 8 8 9 10 11 11 11 11 12 3 3 4 4 5 6 7 8 9 10 11 11 11 1 1 2 3	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sub ls ls sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf	\$1 \$ \$ 70,751 \$1
21 13 21 13 21 13 Total	4 5 6 7 8 8 9 10 11 11 11 12 8 9 9 10 11 11 11 2 3 3 4 4	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf is is is is sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included	\$1 \$ \$ 70,751 \$1 \$1
21 13 21 13 21 13 Total	4 5 6 7 Building In: 1 2 3 4 5 6 7 8 9 10 10 11 1 1 2 3 3 4 5 6 7 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized 2" mineral fiberboard insulation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf is is is is sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certification of project not Included ABAA Certification of project not Included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included	\$1 \$ \$ 70,751 \$1
21 13 21 13 21 13 Total	4 5 6 7 Building In: 1 2 3 4 5 6 7 8 9 10 10 11 1 1 2 3 3 4 5 6 7 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sub ls ls ls sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included	\$1 \$ \$ 70,751 \$1
21 13 21 13 21 13 Total	4 5 6 7 Building In: 1 2 3 4 5 6 7 8 9 10 10 11 1 1 2 3 3 4 5 6 7 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 2 3 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batti insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized 2° mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels Una Clad Series 45 Panel System	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf is is is is sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certification of project not Included ABAA Certification of project not Included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included	\$1 \$ \$ 70,751 \$1
21 13 21 13 21 13 Total	4 5 6 7 Building In: 1 2 3 4 5 6 7 8 8 9 10 10 11 Metal Wall I 1 2 3 4 5 6 7 8 9 10 11 1 1 5 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized 2" mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf is is is is sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included Included	\$1 \$ \$ 70,751 \$1
21 13 21 13 21 13 Total	4 5 6 7 Building In 1 1 2 3 4 5 6 7 8 9 10 11 1 1 1 1 1 1 2 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batti insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels, galvanized 2° mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels Una Clad Series 45 Panel System	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf is is is is sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included Included	\$1 \$ \$ 70,751 \$1 \$1
7 21 13	4 5 6 7 Building Im 1 2 3 3 4 4 5 6 6 7 8 9 9 10 11 11 11 2 3 3 4 4 5 6 6 7 8 8 9 9 8 9 9 10 11 11 12 2 3 3 4 4 5 6 7 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batti insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels 2" mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included Included Included Included	\$1 \$ \$ 70,751 \$1 \$1
7 21 13 7 21 13 Total 7 42 13	4 5 6 7 Building Im 1 2 3 3 4 4 5 6 6 7 8 9 9 10 11 11 11 2 3 3 4 4 5 6 6 7 8 8 9 9 8 9 9 10 11 11 12 2 3 3 4 4 5 6 7 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Specc Fiberglass subgirt framing for metal panels, galvanized 2" mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and counterflashing	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet Allowance based on \$20/sf Included Included Referenced in spec but not shown on drawings Included Refer to MWBE worksheet	\$1 \$ \$ 70,751 \$1 \$1
21 13 21 13 21 13 Total 21 13 Total 2 42 13 42 13 Total	4 5 6 7 Building In: 1 1 2 3 4 5 6 7 8 9 10 11 1 1 1 1 1 2 3 4 5 6 7 1 Metal Wall II 1 1 1 2 3 4 5 6 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board MWBE Participation Sulation Building Insulation 2° closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgif framing for metal panels Q <sup>2</sup> mineral fiberboard insulation PrefinishedUna-Clad UC-500 flush soffit panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and counterflashing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet Allowance based on \$20/sf Included Included Referenced in spec but not shown on drawings Included Refer to MWBE worksheet	\$1 \$ \$ \$ \$ \$ 70,751 \$1 \$
7 21 13 7 21 13 7 21 13 Total 7 42 13 7 42 13 Total	4 5 6 7 Building In 1 1 2 3 4 5 6 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board WWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation in avities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and counterflashing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet Allowance based on \$20/sf Included Included Included Referenced in spec but not shown on drawings Included Refer to MWBE worksheet \$1	\$1 \$ \$ \$ \$ 70,751 \$1 \$
7 13 26 Total 7 21 13 7 21 13 7 21 13 Total 7 21 13 Total 7 42 13 7 42 13 Total 7 42 13 Total 7 19 16	4 5 6 7 Building Im 1 1 2 3 3 4 5 6 7 8 9 10 11 1 1 1 1 1 2 3 4 5 6 7 8 9 9 10 11 1 1 1 8 Metal Wall I 1 1 1 8 9 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board WWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation under wood and athletic rubber flooring Batt insulation in cavities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and counterflashing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certification of project not included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet \$2 Allowance based on \$20/sf Included Included Referenced in spec but not shown on drawings Included Refer to MWBE worksheet \$1 Not Included	\$1 \$ \$ \$ 70,751 \$ \$
21 13 21 13 21 13 Total 21 13 Total 2 42 13 42 13 Total	4 5 6 7 Building Im 1 1 2 3 3 4 5 6 7 8 9 10 11 1 1 1 1 1 2 3 4 5 6 7 8 9 9 10 11 1 1 1 8 Metal Wall I 1 1 1 8 9 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dampproofing at grade beams Waterproofing at below grade walls Drainage /protection board WWBE Participation Sulation Building Insulation 2" closed cell spray foam at exterior perimeter walls Spray foam insulation at south soffit Misc Spray foam insulation at exterior walls Mineral wool at metal wall panels R-5 rigid insulation in avities behind metal panel Self healing fluid applied vapor barrier at natatorium per 1/A745 R-19 batt insulation in interior stud cavities Independent testing MWBE Participation Panels Rec Center: BOD: Firestone Una Clad VR-Classic Panel System Louvered Metal panels at utility and trash enclosure - No Spec Fiberglass subgirt framing for metal panels Una Clad Series 45 Panel System Roof flashing and trim, 24 ga parapet coping, steel reglet and counterflashing MWBE Participation	9750.00 8406.00 18156.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sf sf sf sf ls ls sub sub sub sub sub	\$30,257.15 \$47,096.00 \$19,224.10 \$175,766.40	Included Included Included Refer to MWBE worksheet \$5 Included ABAA Certified Installers Not Included ABAA Certification of project not included Included With Metal Panels Scope Added at 100% CDs Scope Added at 100% CDs Scope Added at 100% CDs With Drywall Assemblies By Owner Refer to MWBE worksheet Allowance based on \$20/sf Included Included Included Referenced in spec but not shown on drawings Included Refer to MWBE worksheet \$1	\$1 \$ \$ \$ 70,751 \$1 \$ \$ 87,766



		De		imate and Budget Control Do	ocument	
	Item # Description	Quantity		d Package #2 - GMP Total Unit	Notes / Comments / Clarifications	Total Co
07 92 13	1 Caulking and Sealants	1.00	sub	\$38,454.00	Notes / comments / chamications	\$38,45
	2 Caulking & sealants , building	1.00	ls		Included	
	3 Site sealants, expansion joints	1.00	ls		Included	
	4 MWBE Participation				Refer to MWBE worksheet	
07 92 13 Total					\$38,454	
07 84 13	Fire Stopping - Insulation & Sealants					
0/0/10	1 Firestopping per sf of building	60868.00	sf	\$0.15	Misc penetrations and perimter of building	\$9,13
07 84 13 Total					\$9,130	
07 81 16	Spray Fireproofing	1.00		¢21 E00 00	Scope Added at 100% CDs	¢01 E(
	Spray fireproofing     Medium density material at humid locations	1.00	sub	\$21,500.00	Scope Added at 100% CDs Included	\$21,50
	3 Standard density material at remaining location	1.00	ls		Included	
	4 Patching, mobilize patch crew	2.00	days	\$3.500.00	included	\$7,0
	5 MWBE Participation			+-,	Refer to MWBE worksheet	***
07 81 16 Total					\$28,500	
07 71 00	Roof Specialties & Accessories 1 Roof scuttle, 3-0 x 3-0, galv. steel	2.00		¢1 E00 00		¢2.0
	2 Ladder up safety post	2.00	ea ea	\$1,500.00 \$450.00		\$3,0 \$9
	3 Safety railing	2.00	ea	\$250.00		\$7
	4 Unload, handle and install	6.00	ea	\$200.00		\$1,2
07 71 00 Total				\$200.00	\$5,600	ΨT
07 81 23	Interior Intumescent Fireproofing					
07 81 23 Total	1 Intumescent Fireproofing				\$0	
07 95 00	Expansion Control					
07 05 00 T	1 Building Expansion Control	486.00	lf/allow	\$75.00		\$36,4
07 95 00 Total					\$36,450	
07 54 23	Roofing & Roof Insulation					
07 01 20	1 Rec Center:					
	2 BOD: Firestone 60 mil White TPO, fully adhered	1.00	sub	\$246,230.04		\$246,2
	3 Min R20 polyiso insulation with tapered crickets per roof plan	1.00	ls		R20 insulation per drawings	
	4 Extend insulation up back of parapet per detail 6,11/A741	1.00	ls		Included	
	5 20 year warranty with 2" dia hail rider				Included	
	6 Vapor retarder at Natatorium	1.00	ls		Included	
	7 Rubber roof walk pads 30"w per roof plan	1.00	ls		Included	
	8 Mechanical curbs and flashing	791.00	lf	\$22.00		\$17,4
	9 Snow removal for roof work	1.00	ls	\$6,157.69		\$6,1
	10         Safety measures for roof work           11         MWBE Participation	1.00	ls	\$5,078.84	Refer to MWBE worksheet	\$5,C
07 54 23 Total					\$274,869	
07 01 20 1014					400) (100)	
Division 7 - The	ermal and Moisture Protection Total				\$908,844	
	On an in me					
Division 8 - 08 12 13	Hollow Metal Doors and Frames					
00 12 13	1 Rec Center:					
	2 Doors Frames and Hardware	1.00	sub	\$106,448.76		\$106,4
	3 3070 HM Doors - single	18.00	ea	+ ,	Included	+ ,
	4 3070 HM Doors - pair	3.00	pr		Included	
	5 3070 Fire rated Stainless Steel Doors - pair	3.00	pr		Scope Added at 100% CDs	
	6 3070 HM Frame	41.00	ea		Included	
	7 6070 HM Frame	12.00	ea		Included	
	8 6070 Stainless Steel Frame	3.00	ea		Included	
	9 Unload/handle/distribute	86.00	ea		Included	
	10 Installation 11 Misc grinding, bondo	81.00	ea	¢25 50	Included	¢0.
	12 MWBE Participation	80.00	ea	\$25.50	Refer to MWBE worksheet	\$2,0
08 12 13 Total					\$108,489	
08 71 00	Hardware					
	1 Door Hardware 2 Hardware sets per 08 7100 schedule	1.00	1-		With Above	
	2 Hardware sets per 08 /100 schedule 3 Unload/handle/distribute	1.00 56.00	ls		Included Included	
	4 Installation	56.00	ea ea		Included	
08 71 00 Total		30.00	ea		\$0	
08 14 00	Wood Doors					
	Prefinish wood doors, plain sliced white maple     2070 Solid Care Wood Door, single	22.00			With Above	
	2 3070 Solid Core Wood Door - single 3 3070 Solid Core Wood Door - pair	23.00 9.00	ea		Included Included	
	4 3070 Solid Core Wood Door - pair 4 3070 Solid Core Wood Door - slider	9.00	pr ea		Included	
	5 3030 Solid Core Wood Door - single	5.00	ea		Included	
	0	0.00			moradoa	



		De	etailed Cost I	Estimate and Budget Control Docu	ment	
		0		Bid Package #2 - GMP		
	Item # Description	Quantity		Total Unit	Notes / Comments / Clarifications	Total
08 14 00	6 Unload/handle/distribute	47.00	ea		Included	
	7 Installation	47.00	ea	<b>*</b> 10,00	Included	
	8 Wood door protection	47.00	ea	\$40.00		\$
8 14 00 Total	9 Misc wood door patch and repair	47.00	ea	\$10.00	\$2,350	
5 14 UU TUIdi					\$2,330	
8 31 00	Access Doors					
8 31 00 Total	1 General allowance	1.00	ls	\$5,000.00	\$5,000	\$!
					\$J,000	
8 41 00	Aluminum Entrances					
	1 Aluminum Storefront	1.00	sub	\$1,051,464.15		\$1,05
	2 BOD: Arcadia T670, front set glazed, dark bronze anodized	4353.00	sf		Included	
	3 OPG Kaiser caps mullion caps				Included	
	4 Spandrel panels by Mapes-R insulated composite panels	1.00	ls		Included	
	5 Interior storefront framing : AR450P	1718.00	sf		Included	
	6 Interior storefront framing : T670	964.00	sf		Included	
	7 20 year finish warranty	1.00	ls		Included	
	8 Aluminum Curtainwall				Included	
	9 BOD: Arcadia T500, outside glazed, dark bronze anodized	2148.00	sf		Included	
	10 5 year workmanship warranty	1.00	ls		Included	
	11 Aluminum Sunshades	1.00	ls		Included	
	12 Airfoil type louver, fixed aluminum	-	-		Included	
	13 Aluminum doors, frames, and hardware sets per leaf	44.00	ea		Included	
	14 Laminated glazing surrounding natatorium				Included	
	15 Tinted glazing at exterior storefront/curtainwall				Not Included	
	16 ADA operators	3.00	ea	\$1,833.00		
	17 Field testing				Not Included	
	18 MWBE Participation				Refer to MWBE worksheet	
	NFRC Certificate for exterior storefront/curtainwall systems					
	19 (not per opening)				See additional cost for NFRC Cert	
3 41 00 Total					\$1,056,963	
3 80 00	Close & Claring					
80.00	Glass & Glazing 1 Full length wall mirrors				Included Above	
	2 1/4" tempered glazing doorlites				Included Above	
	3 GPH 5 & 6 on locker room sidelites	1.00	ls	\$400.00	based on 20 s.f. of sidelites	
8 80 00 Total		1100	15	\$100100	\$400	
8 95 00	Insulated Translucent Fiberglass Panel Wall System BOD: Kalwall w/ manufacturer standard crystal both face					
	1 panels	1.00	sub	\$36,890.00		\$
	Translucent panel wall assembly - standard crystal at interio		SUD	\$30,890.00		φ.
	2 and exteriors faces		,		Included	
	3 Installation	500.00	sf		Included	
	4 MWBE Participation	1.00	ls		Refer to MWBE worksheet	
8 95 00 Total					Keier to twivide worksheet \$36,890	
					\$55,575	
3 36 13	Overhead Doors					
	BOD: Wilson Doors Clear Vue aluminum and glass sectiona					
	1 doors	1.00	sub	\$19,976.00		\$
	2 10'0"x16'0" Insulated sectional doors, electric operator	2.00	ea		Included	
	3 Brake metal surround at head and jamb of overhead doors	72.00	lf	\$22.50		
	4 Overhead coiling door - 8'0"x11'0" manual operation	2.00	ea		Included	
	4 Overhead coiling door - 8'0"x11'0" manual operation 5 MWBE Participation	2.00	ea		Refer to MWBE worksheet	
3 36 13 Total	4 Overhead coiling door - 8'0"x11'0" manual operation 5 MWBE Participation	2.00	ea			
	Overhead coiling door - 8'0"x11'0" manual operation     MWBE Participation	2.00	ea		Refer to MWBE worksheet	
	4 Overhead coiling door - 8'0"x11'0" manual operation 5 MWBE Participation	2.00	ea sub	\$5,519.36	Refer to MWBE worksheet	
8 36 13 Total 8 6200	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation     Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights	1.00	sub	\$5,519.36	Refer to MWBE worksheet	
	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation     Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights			\$5,519.36 \$7.25	Refer to MWBE worksheet \$21,596	
	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation     Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights	1.00 5.00	sub ea lf	\$7.25	Refer to MWBE worksheet \$21,596	
	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation     Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing	1.00 5.00 140.00	sub ea		Refer to MWBE worksheet \$21,596	
6200	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation     Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation	1.00 5.00 140.00	sub ea lf	\$7.25	Refer to MWBE worksheet \$21,596 Included	
6200 6200 Total	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation	1.00 5.00 140.00	sub ea lf	\$7.25	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074	
3 6200 8 6200 Total	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation	1.00 5.00 140.00	sub ea lf	\$7.25	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet	
8 6200 8 6200 Total ision 8 - Oper	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation  Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation  nings Total	1.00 5.00 140.00	sub ea lf	\$7.25	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074	
	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      finings Total      Finishes     Tiling	1.00 5.00 140.00 5.00	sub ea If ea	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074	
3 6200 3 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      mings Total      Finishes     Tiling     1 Floor and Wall tiling	1.00 5.00 140.00 5.00	sub ea If ea	\$7.25	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762	2
3 6200 3 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation  Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation  mings Total  Finishes Tilling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile	1.00 5.00 140.00 5.00 1.00	sub ea lf ea sub sf	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included	\$22
6200 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation  Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation  mings Total  Finishes Tiling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile     3 CMT - B1 and B2	1.00 5.00 140.00 5.00 1.00 6905.00 1465.00	sub ea If ea	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included Included Included	2
8 6200 8 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      Finishes     Tiling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile     3 CMT -B1 and B2     4 CWT 1-6 Daltile wall tile	1.00 5.00 140.00 5.00 1.00	sub ea lf ea sub sf	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included Include Includ	
6200 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation  Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation  mings Total  Finishes Tiling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile     3 CMT - B1 and B2	1.00 5.00 140.00 5.00 1.00 6905.00 1465.00	sub ea lf ea sub sf if	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included Included Included	
6200 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      Finishes     Tiling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile     3 CMT -B1 and B2     4 CWT 1-6 Daltile wall tile	1.00 5.00 140.00 5.00 1.00 6905.00 1465.00 4193.00	sub ea if ea sub sf if if sf	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included Include Includ	
3 6200 3 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      mings Total      Finishes     Tiling     1 Floor and Wall tiling     2 CMT 1-4 Datilie and American Olean mosaic floor tile     3 CMT - B1 and B2     4 CWT 1-6 Datilie wall tile     5 CWT Bullnose tile	1.00 5.00 140.00 5.00 1.00 6905.00 1465.00 4193.00 446.00	sub ea lf ea sub sf sf lf lf	\$7.25 \$307.88	Refer to MWBE worksheet \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included Included Included Included Included Included Included Included	\$2
3 6200 3 6200 Total ision 8 - Oper vision 09 -	4 Overhead coiling door - 8'0"x11'0" manual operation     5 MWBE Participation      Unit Skylights     1 BOD: Sunoptics Signature Series Prismatic Skylights     2 Double glazed 4080 unit skylights     3 Roof curb and associated flashing     4 Installation     5 MWBE Participation      mings Total      Finishes     Tiling     1 Floor and Wall tiling     2 CMT 1-4 Daltile and American Olean mosaic floor tile     3 CMT -14 Daltile wall tile     5 CWT Bullnose tile     6 Porcelain floor tile - Daltile Invoke 12"x24"	1.00 5.00 140.00 5.00 1.00 6905.00 1465.00 4193.00 446.00 844.00	sub ea lf ea sub sf lf lf sf lf sf	\$7.25 \$307.88	Refer to MWBE worksheel \$21,596 Included Refer to MWBE worksheet \$8,074 \$1,239,762 Included	

			De	F	Bid Package #2 - GMP		
	Item #	Description	Quantity		Total Unit	Notes / Comments / Clarifications	Total C
09 30 00	10	Floor protection	7749.00	sf	\$0.37		\$2,8
	11	Epoxy Grout - at all surfaces in locker rooms and floors of restrooms	11942.00	sf		Included	
		MWBE Participation	11942.00	SI		Refer to MWBE worksheet	
09 30 00 Total						\$227,428	
		o					
09 51 00	Acoustical	Ceilings Acoustical Ceilings	1.00	sub	\$61,100.00		\$61
		SAT1 - Armstrong 24"x24" cirrus tegular or equal	2958.00	sub	\$01,100.00	Included	\$01
	2	SAT1 -Cloud ceilings Armstrong 24"x24" cirrus tegular with 4"		31		inolddod	
		axiom classic edge	2700.00	sf		Included	
		SAT3 - Vinyl faced Armstrong Ceramaguard or equal				Not Included, None shown on drawings	
		3 1/2" acoustical batt insulation above ceilings in Admin 120 Decorative wood ceiling above reception desk	1282.00	sf		Included Included	
	7	° '	320.00 453.00	sf		Included	
		Layout of ceilings	5978.00	sf	\$0.08	included	
		MWBE Participation		-		Refer to MWBE worksheet	
09 51 00 Total						\$61,578	
09 64 00	Wood Floo	sring					
07 04 00	1		1.00	sub	\$116,099.50		\$116
	2	Gym - AacerChannel VLP, 2nd grade or better	9436.00	sf	,	Included	
	3	Fitness and Group Excercise - AacerCush II	2136.00	sf		Included	
		Zero G shock pad, 5/8" thick at gym, 7/16" thick at fitness	1.00				
	4	system Vented cove base	1.00	ls		Included Included	
		R-5 rigid insulation and OSB on vapor barrier (A001, F3)	9436.00	ls sf		With Division 7	
		Wood treads and risers at basketball court	180.00	lf		With Division 7	
		Floor protection	11572.00	sf	\$0.40		\$4
		Add for FSC Certified wood				Not Included	
		Includes finishing, markings, volleyball inserts	1.00	ls		Included	
		Painted logo at center court or multicolor patterns MWBE Participation				Not Included Refer to MWBE worksheet	
09 64 00 Total						\$120,728	
						+ ·==+.==	
09 65 02		ture Mitigation				Nationidad	
	1	ture Mitigation Floor Moisture Mitigation				Not Included	
09 65 02 09 65 02 Total	1					Not Included	
	1 Carpet	Floor Moisture Mitigation	1.00		£1/ (00 22		61/
09 65 02 Total	1 Carpet 1	Floor Moisture Mitigation	1.00	sub	\$16,688.23	\$0	\$16
09 65 02 Total	1 Carpet 1 2	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence	84.00	sy	\$16,688.23		\$16
09 65 02 Total	1 Carpet 1 2 3 4	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24"			\$16,688.23	\$0 Included	\$16
09 65 02 Total	1 Carpet 1 2 3 4 5	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24"	84.00 88.50 194.00 44.00	sy sy		\$0 Included Included	
09 65 02 Total	1 Carpet 1 2 3 4 5 6	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf)	84.00 88.50 194.00 44.00 4.00	sy sy sy sy ea	\$100.00	\$0 Included Included Included	
09 65 02 Total	1 Carpet 1 2 3 4 5 6 7	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000st) Floor prep and joint grinding	84.00 88.50 194.00 44.00 3694.50	sy sy sy sy ea sf	\$100.00 \$0.50	\$0 Included Included Included	\$1
09 65 02 Total	1 Carpet 1 2 3 4 5 6 6 7 7 8	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection	84.00 88.50 194.00 44.00 4.00	sy sy sy sy ea	\$100.00	\$0 Included Included Included Included	\$1
09 65 02 Total	1 Carpet 1 2 3 4 5 6 6 7 7 8	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000st) Floor prep and joint grinding	84.00 88.50 194.00 44.00 3694.50	sy sy sy sy ea sf	\$100.00 \$0.50	\$0 Included Included Included	\$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 6 7 8 9	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation	84.00 88.50 194.00 44.00 3694.50	sy sy sy sy ea sf	\$100.00 \$0.50	\$0 Included Included Included Included Refer to MWBE worksheet	12
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 Painting ar	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation d Coating	84.00 88.50 194.00 44.00 3694.50 3694.50	sy sy sy ea sf sf	\$100.00 \$0.50 \$0.37	\$0 Included Included Included Included Refer to MWBE worksheet	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 Painting ar 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation	84.00 88.50 194.00 44.00 3694.50	sy sy sy sy ea sf	\$100.00 \$0.50	\$0 Included Included Included Included Refer to MWBE worksheet	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 Painting ar 1 2 3	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation  nd Coating Painting and Coating SITE: Bollards	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	sy sy sy ea sf sf sf	\$100.00 \$0.50 \$0.37	\$0 Included Included Included Included Refer to MWBE worksheet \$20,325	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 9 Painting ar 1 2 3 4 4 5 6 7 8 9 9 1 1 1 2 3 4 4 5 1 2 3 4 4 5 1 1 2 3 4 4 5 1 1 1 1 2 3 3 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MMBE Participation MUBE StrE: Bollards Site guardrails	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1.00 1.00 1.00 1.00	sy sy sy ea sf sf sf sf	\$100.00 \$0.50 \$0.37	\$0 Included Included Included Included Refer to MWBE worksheet \$20,325	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 9 9 7 8 9 9 7 8 9 9 7 8 9 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 9 7 8 9 7 8 9 9 7 8 9 8 9	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000s1) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation SITE: Bollards Site guardralis Site handrails	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1.00 1.00 1.00 1.00	sy sy sy ea sf sf sf sf sf sl b ls ls	\$100.00 \$0.50 \$0.37	\$0 Included Included Included Included Refer to MWBE worksheet \$20,325 Included Included Included Included Included Included Included	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 2 2 2 3 2 2 3 4 5 6 7 8 9 1 1 1 1 1 2 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000s) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation MUBE Participation SITE: Bollards Site guardralits Site quardralits HPC at site utility enclosure (A750)	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sy sy sy ea sf sf sf sf sf sf sf sf sf sf sf sf sf	\$100.00 \$0.50 \$0.37	S0 Included Include Included Include Include Include Include Include Includ	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 Painting ar 1 2 3 4 5 6 7 8 9 7 8 9 7 8 9 7 8 7 8 9 7 8 7 8 9 7 8 7 8	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor protection Floor protection MWBE Participation MWBE Participation MCoating SITE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center:	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sy sy sy sy sf sf sf sf ls ls ls ls ls ls ls ls ls ls	\$100.00 \$0.50 \$0.37	\$0 Included Include Include	\$ \$
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 Painting ar 1 2 3 4 5 6 7 8 9 7 8 9 7 8 9 7 8 7 8 9 7 8 7 8 9 7 8 7 8	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor prep and joint grinding Floor pretection MWBE Participation MWBE Participation MMBE Participation MUCALING Coating SITE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00	sy sy sy ea sf sf sf sf sf sf sf sf sf sf sf sf sf	\$100.00 \$0.50 \$0.37	S0 Included Include Included Include Include Include Include Include Includ	\$1 \$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000st) Floor prep and joint grinding Floor protection MWBE Participation  d Coating Painting and Coating SITE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Theme paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	sy sy sy sf sf sf sf sf sf sf sf sf sf sf sf sf	\$100.00 \$0.50 \$0.37	\$0 Included Include I	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Super Fresh 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prope and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation MWBE Participation SITE: Bollards Site guardrails Site quardrails Site utility enclosure (A750) Rec Center: Themec, high performance paint at Natatorium ceiling Themec paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at ceiling	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy ea sf sf sf sf sf sf sf sf sf sf sf sf sf	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00	1 Carpet 1 2 3 4 4 5 6 7 8 9  Painting ar 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding SITE: Bollards Site guardrails Site guardrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tnemec paint at runu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dyfall paint exposed structure at ceiling Gyp Bd walls	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy Sy Sy ea Sf Sf Sf Sf Is Is Is Is Is Is Is Is Is Is Is Is Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9 9 9 9 9 9 9 9 1 1 2 3 3 4 5 6 6 7 8 9 9 1 1 2 1 1 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation MUCAsting SITE: Bollards Site pandrails Site handrails HPC at site utility enclosure (A750) Rec Center: Themec, high performance paint at Natatorium ceiling Theme paint at cmu walls Dryfall paint exposed structure at ceiling Gyp Bd walls CMU walls	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy Sy ea Sf Sf Sf Sub Is Is Is Is Is Is Is Is Is Is Is Is Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include Include Inc	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9 9 9 9 9 9 9 9 1 1 2 3 3 4 5 6 6 7 8 9 9 1 1 2 1 1 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MTC Coating SiTE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium celling Tnemec, paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at celling Gyp Bd walls Block wall filler on all CMU walls requiring paint	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy Sy Sy ea Sf Sf Sf Sf Is Is Is Is Is Is Is Is Is Is Is Is Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9 9 9 9 9 9 9 9 1 1 2 3 3 4 5 6 6 7 8 9 9 1 1 2 1 1 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000st) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participatint P	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy Sy ea Sf Sf Sf Sub Is Is Is Is Is Is Is Is Is Is Is Is Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include Include Inc	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 10 11 12 13 14 15	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000s1) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participatint A	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy ea sf sf sf sf is is is is is is is is is is is is is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include I	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 9 9 9 9 9 9 9 9 9 10 11 12 13 14 15 16 17 16 17	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participatint M	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy           Sy           Sy           Sy           Sy           ea           sf           sf           sk           ls	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 1 1 1 2 1 3 1 1 1 1 2 1 3 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation MWBE Participation MWBE and Coating SITE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tnemec, high performance paint at Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at ceiling Gyp Bd walls CMU walls Block wall filler on all CMU walls requiring paint Cementitious block wall filler at all CMU walls in wet areas (A001 #2) Gyp bd ceilings /soffits Guardrails Handrails	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy Sy Sy ea sf sf sf sf sf is is is is is is is is is is is is is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include I	\$ \$ \$53:
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 5 6 7 8 9 9 9 9 9 9 9 9 9 9 10 11 12 13 14 15 16 17 16 17	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Hustle and Bustle 24"x24" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000s1) Floor prep and joint grinding Floor protection MWBE Participation Cating Painting and Coating SITE: Bollards Site guardralis Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tranece paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at ceiling Gyp Bd walls CMU walls Block wall filler on all CMU walls requiring paint Cementitious block wall filler at all CMU walls in wet areas (A001 #2) Gyp bd ceilings /soffits Guardrails Sealed concrete floors	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy           Sub           Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Included Included Include	\$1 \$1 \$533
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9  Painting ar 1 2 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor prep and joint grinding Floor prep and joint grinding Painting and Coating MWBE Participation MWBE Participation MWBE Participation MWBE Participation HC Casting Painting and Coating SITE: Bollards Site guardrails Site duardrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tnemec paint at runu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dyfall paint exposed structure at ceiling Gyp Bd walls CMU walls Block wall filler at all CMU walls requiring paint Cementifious block wall filler at all CMU walls in wet areas (A001 # 2) Gyp bd ceilings /soffits Guardrails Handrails Handrails	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1	Sy           Sub           Is           Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Include In	\$1
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9 9 9 9 9 9 9 9 9 1 1 1 2 3 3 4 4 5 6 6 7 7 8 9 9 1 0 1 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1 9 1 9 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation  d Coating Painting and Coating SITE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tnemec paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at ceiling Gyp Bd walls CMU walls Block wall filler on all CMU walls requiring paint Cementitious block wall filler at all CMU walls in wet areas (A001 #2) Gyp bd ceilings /soffits Guardrails Handrails Handrails Sealant on concrete slab-on-deck above Natatorium (A001, F3)	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy           Sub           Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Include	\$1
09 65 02 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9  Painting ar 1 2 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participatint MWBE Participation	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00 1	Sy           Sub           Is           Is	\$100.00 \$0.50 \$0.37 \$533,615.00	S0 Included Include Include In	\$533
09 65 02 Total 09 68 00 09 68 00 09 68 00 Total	1 Carpet 1 2 3 4 4 5 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 10 1 1 1 1 1	Floor Moisture Mitigation Carpet Carpet CPT1 - Tandus Nano 24" x 24" Steel Sequence CPT2 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT3 - Mohawk / Lees Hexagonal Infusion 12" x 36" CPT4 - Mowhawk/Lees Super Fresh 24"x24" Moisture tests (1/1000sf) Floor prep and joint grinding Floor protection MWBE Participation MWBE Participation MWBE Participation MWBE Participation MWBE Participation MWBE and Coating SiTE: Bollards Site guardrails Site handrails HPC at site utility enclosure (A750) Rec Center: Tnemec, high performance paint at Natatorium ceiling Tnemec, paint at cmu walls in Natatorium GRPH 1 Pattern on Natarorium walls Dryfall paint exposed structure at ceiling Gyp Bd walls CMU walls Block wall filler on all CMU walls requiring paint Cementitious block wall filler at all CMU walls in wet areas (A001 #2) Gyp bd ceilings /soffits Guardrails Handrails Sealed concrete floors Sealant on concrete slab-on-deck above Natatorium (A001, F3) Seal all penetrations, walls, etc in Natatorium (A211 #5) Touch up of doors & frames	84.00 88.50 194.00 44.00 3694.50 3694.50 1.00	Sy           Sub           Is	\$100.00 \$0.50 \$0.37 \$533,615.00 \$160,617.50	S0 Included Include Include	\$16 \$533 \$533 \$160 \$160 \$160 \$160 \$164 \$160 \$164 \$165 \$



		De		stimate and Budget Contro Bid Package #2 - GMP	ol Document	
	Item # Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cos
09 90 00	25 Anti-graffitti coating	1.00	ls	\$77,336.25	Coating at all brick and concrete locations	\$77,33
0 00 00 Total	26 MWBE Participation				Refer to MWBE worksheet	
09 90 00 Total					\$777,728	
09 21 16	Gypsum Board Assemblies					
	1 Gypsum Board Assemblies	1.00	sub	\$887,655.00		\$887,65
	2 W104 - 3-5/8" stud wall, gyp both sides full height				Included	\$
	3 W106 - 6" stud wall, gyp both sides full height 4 W112 - Plumbing chase wall, full height				Included Included	\$
	5 W116 - 10" stud wall with gyp bd both sides				Included	3
	W180 - 6" mtl stud walls, gyp inside/dens shield out, batt				included	1
	6 insulation				Included	\$
	W190 - 6" mtl stud walls, gyp inside/dens shield out, batt					
	7 insulation				Included	:
	8 Metal stud framing for 2nd Floor Cardio Ramp (6/A504)				Included	
	9 Ext mtl stud soffit framing     Acoustical batt insulation in stud cavities				Included Included	5
	11 Gyp soffits				Included	
	12 Gyp ceilings				Included	5
	13 2 layers gyp bd on resilient channels above admin space				Included	
	Acoustical sealants at all penetrations in walls STC 45 or					
	14 greater (A001 #6)				With Trades	5
	15 Interior wall engineering	1.00	ls	*****	Included	5
	16 Layout partitions and ceilings 17 Patch and repair at completion of project	60868.00 60868.00	sf	\$0.08 \$0.02		\$4,8
	18 Level 5 Finish	00808.00	sf	\$0.02	Not Included	\$1,2
	19 MWBE Participation				Refer to MWBE worksheet	
09 21 16 Total					\$893,742	
09 24 00	Cement Plastering					
	Acrylic polymer coating at locker rooms and natatorium as 1 indicated	1.00		¢04 E41 DE		¢04 E
	2 APC at sloped pool office ceiling 3/A746	1.00	sub Is	\$86,561.25		\$86,5
	3 Acrylic polymer coating at Natatorium walls	1.00	ls		General note indicastes APC, sections show HPC	
	4 MWBE Participation	1100	15			
09 24 00 Total					\$86,561	
09 80 00	Acoustic Treatment				Nativaluded	
	Tectum Acoustical Panels at gym walls     Ceiling hung lapendary panels				Not Included See Alternate	9
09 80 00 Total					\$0	
09 65 00	Resilient Flooring					
	1 Resilient Flooring	1.00	sub	\$26,990.23		\$26,9
	2 Forbo marmoleum, mfg standard colors, 5 colors 3 Moisture mitigation at Forbo	2360.00	sf	\$4.00	Included	\$9,4
	4 Johnsonite rubber base, 4" h. with toe,	3034.00	sf	\$4.00	Included	\$9,4
	5 Rubber stair treads, risers and base	3034.00	П		Not Included, None shown on drawings	
	6 Rubber stair landings				Not Included, None shown on drawings	
	7 2 year installation and material warranty	1.00	ls		Included	\$
	8 Floor prep and joint grinding	2360.00	sf	\$0.40		\$94
	9 Floor protection	2360.00	sf	\$0.37		\$8
00 (F 00 T +	10 MWBE Participation				Refer to MWBE worksheet	
09 65 00 Total					\$38,255	
09 65 66	Resilient Athletic Flooring					
	1 Rubber athletic flooring	1.00	sub	\$139,060.68		\$139,0
	Weight/Cardio Room, Plyometrics- Mondo 10mm thick, 4					
	2 colors	7944.00	sf		Included	5
	3 R-5 rigid insulation and OSB on vapor barrier(A001, F4)	6827.00	sf		With Division 7	
	4 2 year installation and material warranty 5 Moisture tests (1/1000sf)	1.00	ls	\$100.00	Included	\$7
	6 Floor prep and joint grinding	7.94 7944.00	ea sf	\$100.00 \$0.50		\$4,0
	7 Floor protection	7944.00	si	\$0.30		\$2,9
	8 MWBE Participation			÷0.07	Refer to MWBE worksheet	ψ2, )
09 65 66 Total					\$146,815	
00 72 00	Wall Coverings					
09 72 00	Wall Coverings				Not Included	
09 72 00	Wall Coverings 1 VWC 2 Wall Talkers				Not Included Not Included	
	1 VWC 2 Wall Talkers					
09 72 00 09 72 00 Total	1 WC 2 Wall Talkers				Not Included	
09 72 00 Total	1 WWC 2 Wall Talkers Special Wall Surfacing	1001.00		A105	Not Included	5
09 72 00 Total 09 77 00	1 WC     2 Wall Talkers  Special Wall Surfacing     1 Class "C" fiberglass reinforced panels	1024.00	Sf	\$4.25	Not Included \$0	\$4,35
09 72 00 Total 09 77 00	1 WC     2 Wall Talkers  Special Wall Surfacing     1 Class "C" fiberglass reinforced panels	1024.00	sf	\$4.25	Not Included	5
09 72 00 Total 09 77 00 09 77 00 Total	1 WC     2 Wall Talkers     Special Wall Surfacing     1 Class "C" fiberglass reinforced panels	1024.00	sf	\$4.25	Not Included \$0	Ş
09 72 00 Total	1 WC     2 Wall Talkers  Special Wall Surfacing     1 Class "C" fiberglass reinforced panels	1024.00	sf	\$4.25 \$28,776.00	Not Included \$0	5

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1     A dia Ready and having section gamba gring at the gring of the gring of the gring for gring and gring at the gring of the gring o		Item #	Description	Quantity			Notes / Comments / Clarifications	Total	
4         This syndaxis         327100         a         31.4         Includes protection parts for all all stating readed           6         Model Participation         All all all stating readed         All all all stating readed           6         Model Participation         All all all stating readed         All all all stating readed           6         Model Participation         All all all stating readed         All all all stating readed           6         Model Participation         All all all stating readed         All all all all all stating readed           7         Model Participation         Stating readed         Total all all stating readed         Total all all stating readed           7         Participation readed         Stating readed         Total all all stating readed         Total all all stating readed           7         Participation readed readed         Total all all stating readed re	9 62 00	2	2 Lobby, Corridor, Main Stair				Includes treads only at main stair		
S         Source latisfies double				331.00	sf				
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19 20 Joint         0.0000           Sain JP Andones Mail         0.00000           Sain JP Andones Mail         0.00000           Sain JP Andones Mail         1.00         0           20 10         Dister Parties Science manured sock and insured         1.00         0         1000000000000000000000000000000000000				950.00	lf				
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22.13       Total Parillow       1.20       0.0       54.06.28       1.10         2       Provide Unit participantie it control Apoints' Above 20.00       0       1.10       1.10         2       Provide Unit participantie it control Apoints' Above 20.00       0       1.10       1.10         3       Provide Unit participantie it control Apoints' Above 20.00       0       1.10       1.10         20.13       1.10       1.10       1.10       1.10       1.10       1.10         20.13       1.10	vision 09 - Finis	shes Total					\$2,410,538		
22.13       Tesle Parelines <ul> <li>State Scient Scient Parelines in Locked Tesses</li> <li>Pareline Scient Parelines in Locked Tesses</li> <li>Pareline Scient Parelines</li> <li>Pareline Pareline Parelines</li> <li>Pareline Parelines</li> <li>Pareline Parelines</li> <li>Pareline Parelines</li> <li>Pareline Pareline Parelines</li> <li>Pareline Pareline Parelines</li> <li>Pareline Pareline Pareline Parelin</li></ul>	vision 10 - S	Specialitie	5						
2         Pertodic kink pariline in Lokar Rener / Reviews         20.00         a         Nethodic kink pariline in Lokar Rener / Reviews         Notedid         NoteNotedid         Notedid         Not									
1         Protect unit sources and moneties of arrow         0.0         m         Include         Include           2         Steer printers inferent source moneties         Include         Include         Include           2         Include         20.00         m         Right inform         Include           2         Include         Include <td></td> <td></td> <td></td> <td></td> <td>sub</td> <td>\$24,662.48</td> <td></td> <td>\$2</td>					sub	\$24,662.48		\$2	
4         3000000000000000000000000000000000000									
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6         MMRP protocolors         20149           2111 Total         20149           1         File Extinguitations, 24 locations         20149           1         File Extinguitations, 24 locations         100         40         100         400         100         40         1000         40         1000         1000         40         10000         10000         10000         10000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         10000 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
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i         i         Fielding divers: 300 multipurpose         10.00         au         \$110.00           3         Bickdrag et opening         10.00         au         \$50.60           44.00 Table         Status         \$13.00         au         \$50.60           44.00 Table         Unickolution gain diskal         10.00         au         \$50.60           10110         Marce boards         Natiobards on Diskaly boards         Natiobards on Diskaly boards         Natiobards on Diskaly boards           10110         Marce boards         Natiobards on Diskaly boards         100         sa         Status           10110         Marce boards         100         sa         Status         Natiobards on Diskaly boards           10110         Automatic boards         100         sa         Status         Natiobards on Diskaly boards           10110         1         Carbords Status         Natiobards on Diskaly boards         Natioards on Diska	0 21 13 Total	0							
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2     2 Calleds - sam maces due, while im, full glass dow     1000     av     \$125:00       4     Unis all transformed and install     1000     av     \$35:50       0     10     Marker Boards     1000     av     \$35:50       0     11     Marker Boards     No Included     1000       0     11     Marker Boards     No Included     1000       0     11     Marker Boards     No Included     1000       0     10     1     Marker Boards     No Included       0     10     1     Marker Boards     No Included       0     10     1     No Included     1000     av       0     10     1     No Included     1000     1000       1     1     No Included     1000     av     1000       2     0     av     1000     av     1000       3     0     av     1000     av     1000       4     0     av     1000     av     1000       4     0     av     1000     av     1000       4     0     av     1000     av     1000       5     0     3v     1000     av     1000       4 <td>0 44 00</td> <td></td> <td></td> <td>10.00</td> <td>ea</td> <td>\$110.00</td> <td></td> <td>ş</td>	0 44 00			10.00	ea	\$110.00		ş	
1         Unsakinade and instal         100         no         \$324 30           400 total         Instantional or Usplay boards         Not Included           1         Marker Boards         Not Included           1         Marker Boards         Not Included           1         Indentification or Usplay boards         Not Included           1         Not Included Opports         Not Included           1         Not Included Opports         Not Included <th1< th="">         Not Included Opports</th1<>				10.00	ea	\$125.00		\$	
94 400 Joadi       Markor Boards       32.201         911 16       Markor Boards       Not Included         91 16 Table       1       Markor Boards       Not Included         91 16 Table       1       Markor Boards       Not Included         91 16 Table       1       Markor Boards       Not Included         91 16 Tables       1       Markor Boards       Not Included         91 16 Markor Boards       100       a       Not Included         91 16 Markords Pore		3	Blocking @ opening	10.00	ea	\$50.60			
Matter Boards       Nutrebaseds or Display boards       Not Included         1 Nutrebaseds or Display boards       State State       State State         200       Tollet & Bath Accessories       State State         1 Lickoer Rom Told Accessories       100       so       Nutrebased         2 Rom Told Accessories       Nutrebased       Nutrebased       Nutrebased         2 Rom Told Accessories       Nutrebased       Nutrebased       Nutrebased         2 Rom Told Accessories       Nutrebased       Nutrebased       Nutrebased         3 Grab bas A2       13.00       as       Nutrebased       Nutrebased         4 Grab bas A2       13.00       as       Nutrebased       Nutrebased         4 Grab bas M2       100       as       Nutrebased       Nutrebased         5 Rog display norm sough queries       1400       as       Nutrebased       Nutrebased         6 Rog has M2       Nutrebased       100       as       Nutrebased         7 Nutrebased Graphers Armonited       1200       as       Nutrebased         7 Nutrebased Graphers Armonited Armonited       1200       as       Nutrebased         7 Nutrebased Graphers Armonited Armon	0.44.00 Tetal	4	Unload, handle and install	10.00	ea	\$34.50	63.001		
1 Markatows or Display boards       NM included       SQ         02 800       Tolik & Bath Accessories       SQ         2 800       Tolik & Bath Accessories       100       su       S24,083.08         2 800       Tolik & Bath Accessories       100       su       S24,083.08         3 Grab has Sa*       1500       su       Included         3 Grab has Sa*       100       su       Notaded         4 Grab has Sa*       100       su       Included         5 To Pholoses multi rol       4.00       su       Included         6 Sag disposer, chrone (liquid disponser) varias (receptade)       100       su       Included         9 Nagkin/Tampor verido       NA       NA       Included         11 Sacia cover dispensers       2400       su       Included         11 Sacia cover dispenses       2400       su <td>U 44 UU TOTAI</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$3,201</td> <td></td>	U 44 UU TOTAI						\$3,201		
11 I I A Tabal       30         02 80 0       Tollet & Bah Accessories       54/083.08         2 Grab bars 30'       1500       as       54/083.08         2 Grab bars 30'       1500       as       Incluided         3 Grab bars 42'       1500       as       Incluided         4 Grab bars 18'       27.00       as       Incluided         5 TP heles - multi-oli       400       as       Incluided         6 Sanget sportes', crime, liquid       200       as       Incluided         7 Automatic functionas agrid sportes', multi-oli       100       as       Incluided         8 Papter towel dispersors', make metaplacie       100       as       Incluided         10 Updata wash, safac manufied       1900       as       Incluided         11 Dispersors (Grammaties)       900       as       Incluided         11 Dispersors (Grammaties)       900       as       Incluided         11 Dispersors (Grammaties)       900       as       Incluided         11 Dispersors (Grammaties)       1000       as       Incluided         11 Dispersors (Grammaties)       1000       as       Incluided         12 Umbrait Make Accessories       200       1000       Incluided	0 11 16	Marker Bo						-	
2800       Totlet & Bath Accessories       100       sub       \$24,053.08         1       Locker Rom Tolet Accessories       1300       oo       S12,053.08         3       Grab bars 36*       1300       oo       Included         3       Grab bars 42*       1500       oo       Included         4       Grab bars 18*       2000       oo       Included         5       F1P haders - mall tol       4.00       oo       Included         6       Soog dopsors chrom oligid       2000       oo       Included         7       Automalic fram coord dopensers (water ecceptade)       100       oo       Included         8       Paper torous dispensers       2000       oo       Included         1       Sold opper mounded       1000       oo       Included	0 11 16 Total	1	Markerboards or Display boards						
1     1.0der Bon Toll Accessories     1.00     sa     \$2,003.08       3     Grab bas 36'     15.00     ex     Included       4     Grab bas 18''     20.00     ex     Included       5     TP holders -multiol     4.00     ex     Included       6     Sag disperser. chrome. Illipid     20.00     ex     Included       7     Automatic foan sag dispurser     14.00     ex     Included       8     Pape tool dispersers included     14.00     ex     Included       9     Nappin/Targon verder     NA     Included       9     Nappin/Targon verder     NA     Included       10     Naphin west-surice monited     19.00     ex     Included       11     Sad cover dispersers     24.00     ex     Included       12     Mines 24'' X Si'     29.00     ex     Included       13     Koala diager mounted     19.00     ex     Included       14     Dape disperser     20.0     ex     Included       14     Dape disperser     20.0     ex     Included       14     Dape disperser     20.0     ex     Included       15     Solad cover dispersers     20.0     ex     Included       14<									
2     Cab bars 36'     13.00     ea     Included       3     Cab bars 18'     27.00     ea     Included       4     Cab bars 18''     27.00     ea     Included       5     TP bolders - malt oll     400     ea     Included       6     Scap disperser, fromoe, liquid     22.00     ea     Included       7     Automatic fram soup deprenser     14.00     ea     Included       8     Paper torel dispersers     14.00     ea     Included       10     Napkin varse, surface mounted     19.00     ea     Included       11     Satt corre dispensers     24.00     ea     Included       12     Mirrors 24'r 3.3'r     29.00     ea     Included       13     Satt corr dispensers     21.00     ea     Included       14     Daper dispenser     21.00     ea     Included       15     Wirrors 24'r 3.3'r     20.00     ea     Included       14     Daper dispenser     10.00     ea     Included       15     Warrors 24'r 3.0'r     20.00     ea     Included       14     Daper dispenser     40.00     ea     Included       15     Warrors 24'r 3.0'r     20.00     ea     Included	0 28 00			1.00	cub	\$24.082.08		\$2	
3. Grab bars 42"     15 00     as     Included       4. Grab bars 16"     27,00     as     Included       5. To Photors - mult roll     4,00     as     Included       6. Supa disperser, chrome, liquid     22,00     as     Included       7. Automatic barn scape role     1400     as     Included       9. Pape true disperser, throme, liquid     22,00     as     Included       9. Napkin/Tampon vendor     NA     NA     NA       10. Napkin verses, surface mounted     19,00     as     Included       11. Seat cover dispersers     24,00     as     Included       12. Mirors 27, W 15"     29,00     as     Included       13. Koale disper nounted changing station     14,00     as     Included       14. Daper dispersor     200     as     Included       15. Note scales, folding     6,00     as     Included       16. Hoard digners     2100     as     Included       16. State dignersor     200     as     Included       16. Brate dignersor     200     as     Included       17. State constance and hooks     10,00     as     Included       16. Brate dignersor     200     as     Included       17. State constance     40,00     as </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$24,003.00</td> <td>Included</td> <td></td>						\$24,003.00	Included		
4     Grab bars 18"     27.00     #3     Included       5     16 Problems - multin (1)     4.00     #3     Included       6     Scap disperser, functe, liquid     22.00     #3     Included       7     Automatic frams or appresser     14.00     #3     Included       9     Paper towel dispersser     14.00     #3     Included       9     Paper towel dispersser     100     #3     Included       10     Nappin waske surface mounted     19.00     #3     Included       11     Santa disper mounted changing station     14.00     #3     Included       12     Mares 24* 3.0°     24.00     #3     Included       13     Kaata disper mounted changing station     14.00     #3     Included       14     Diget dispersser     20.00     #3     Included       15     Waste Receptacles     9.00     #3     Included       16     Hard dispersser     20.00     #3     Included       18     Shower catarias and hooks     10.00     #3     Included       19     Robe hook     40.00     #3     Included       19     Robe hook     40.00     #3     Included       19     Robe hook     40.00     #3<									
1     1     Pholices: multi roll     4.00     es     Included       2     6.500 digenser, drome, liguid     2.00     es     Included       3     Papter forder     Included     Included       4     10     Reprove digensers i varies receptable     100     es     Included       4     Napter forme digensers i varies receptable     100     es     Included       10     Napter forme digensers i varies receptable     100     es     Included       11     Static ord digensers i varies receptable     100     es     Included       12     Mirrors 24* 3.36     24:00     es     Included       13     Kata digens rounted changing station     14:00     es     Included       14     Daper digensers     2:00     es     Included       15     Warte Receptables     9:00     es     Included       16     Hand dyers     2:100     es     Included       15     Warte Receptables     9:00     es     Included       16     Hand dyers     2:100     es     Included       17     Shower cutalins and hocks     10:00     es     Included       20     Daule role hock     10:00     es     Included       20     <									
<ul> <li></li></ul>									
7       Auforiatic loam soap disgenser       14.00       es       Included         8       Pape four disgensers       10.00       es       Included         9       Napkin Tampon vendor       N/A       N/A         10       Napkin Vaster compande       19.00       es       Included         11       Seat cover dispensers       24.00       es       Included         12       Minors 24 * x36*       29.00       es       Included         13       Seat cover dispensers       24.00       es       Included         14       Objer dispenser       20.0       es       Included         15       Waste Receptacles       9.00       es       Included         16       Hand dyers       21.00       es       Included         17       Show seats, folding       6.00       es       Included         18       Show curalis and hooks       10.00       es       Included         19       Rote hook       40.00       es       Included         20       Double rote hook       40.00       es       Included         21       Uity Her Min mog and torom holders       40.00       es       Included         22									
8       Paper lovel dispersion / waste receptable       1,00       es       Included         10       Napkin waste; surface mounted       19,00       es       Included         11       Sear cover dispenses       24,00       es       Included         12       Minos 24,7,36       29,00       es       Included         13       Koala diager mounted changing station       14,00       es       Included         14       Digger dispenses       2,00       es       Included         15       Koala diager mounted changing station       14,00       es       Included         15       Waste Receptacles       9,00       es       Included         16       Hand divers       2,100       es       Included         17       Shower seats, folding       6,00       es       Included         18       Shower curtains and hooks       10,00       es       Included         20       Doubte tobe hook       40,00       es       Included         21       Utility shelf with mop and broom holders       4,00       es       Included         22       Install fold accessories       246,00       es       Included         23       Install fold accessories									
9         Napkin 7ampon vendor         NA           10         Napkin 7ampon vendor         included           11         Seal cover disperses         24.00         ea         included           12         Mirrors 24*.3 6*         29.00         ea         included           13         Kaal dager mounted changing station         14.00         ea         included           14         Daper dispenser         2.00         ea         included           14         Daper dispenser         2.00         ea         included           16         Wask Receptacles         9.00         ea         included           16         Hand dryers         2.100         ea         included           17         Shower curtains and hooks         10.00         ea         included           18         Shower curtains and hooks         10.00         ea         included           20         Dote results (fulng         6.00         ea         included           20         Dote results (fulng         6.00         ea         included           21         Utily shelf with mop and troom holders         4.00         ea         included           21         Instal foliet accesories         24			· · ·						
10     Napin wasie, surface mounted     19 00     ea     Included       11     Sead cover dispenses     24 00     ea     Included       12     Mirrors 24* x 86*     29 00     ea     Included       13     Koala disper somented changing station     14 00     ea     Included       14     Dapper dispenser     200     ea     Included       15     Wasik Receptateles     9.00     ea     Included       16     Hard dyers     21.00     ea     Included       17     Shower seals, folding     6.00     ea     Included       18     Shower valitiks and hooks     10.00     ea     Included       19     Robe hook     10.00     ea     Included       20     Double robe hook     10.00     ea     Included       21     Utility sheff with map and broom holders     4.00     ea     Included       22     Install tole! cacessories     246.00     ea     Included       21     Utility sheff with map and broom holders     4.00     ea     Included       22     Install tole! accessories     246.00     ea     Included       23     Install tole! accessories     246.00     ea     Included       20 75 00     Inclu				1.00	ea				
11       Seat cover dispersers       24.00       es       Included         12       Mirrors 24* 3.6*       29.00       es       Included         13       Koala disper mounted changing station       14.00       es       Included         14       Daper disperser       2.00       es       Included         15       Waske Receptacles       9.00       es       Included         16       Hard dryes       21.00       es       Included         17       Shower seats, folding       6.00       es       Included         18       Shower curtains and hooks       10.00       es       Included         18       Shower curtains and hooks       10.00       es       Included         20       Double robe hook       16.00       es       Included         21       Utility shelf with mop and broom holders       4.00       es       Included         21       Utility shelf with mop and broom holders       4.00       es       Included         21       Utility shelf with mop and broom holders       4.00       es       Included         21       Included       16.00       es       Included         21       Included       Included				10.00	02				
12     Mirors 24" x 36"     29.00     ea     Included       13     Koala diaper mounted changing station     14.00     ea     Included       14     Daper disperse     2.00     ea     Included       15     Waste Receptades     9.00     ea     Included       16     Hard dryers     21.00     ea     Included       17     Shower seats, folding     6.00     ea     Included       18     Shower sutains and hooks     10.00     ea     Included       19     Robe hook     16.00     ea     Included       20     Double robe hook     40.00     ea     Included       21     Utility Sheff with mog and torom holders     4.00     ea     Included       22     Install tollet accessories     246.00     ea     Included       23     Totall     Tempore     Included     Included       24.000     tab     Stotoward     Stotoward     Included       20     Totall     Stotoward     Stotoward     Included       20     Install tollet accessories     246.00     ea     Included       21     Utility Sheff with mog and torom holders     1.00     atow     Stotoward     Stotoward       215 00     Teagpole<									
13     Koala diager mounted changing station     14.00     ea     Included       14     Diager disperser     2.00     ea     Included       15     Waste Receptacles     9.00     ea     Included       16     Hand dryers     2.10.0     ea     Included       17     Shower sats, folding     6.00     ea     Included       18     Shower sats, folding     6.00     ea     Included       18     Shower sats, folding     16.00     ea     Included       19     Robe hook     16.00     ea     Included       20     Double robe hook     40.00     ea     Included       21     Uillity shelf with mop and broom holders     4.00     ea     Included       22     Included     Included     Included     Included       22     Uillity shelf with mop and broom holders     4.00     ea     Included       21     Itali lolel accessories     246.00     ea     Included       17     Auminum - 33 overall ht, 30° expased, 2 piece pole     Removed from scope per 05/00/15 mg     So       10     Identifying Devices     Included     Included     Included       11     Building Code Signage     1.00     alow     \$15,000.00     Discussed allow wides									
14     Diager dispenser     2.00     ea     Included       15     Water Receptacles     9.00     ea     Included       16     Hand dryers     2.100     ea     Included       17     Shower autains and hooks     10.00     ea     Included       18     Shower autains and hooks     10.00     ea     Included       19     Robe hook     16.00     ea     Included       20     Double hook hook     40.00     ea     Included       21     Uillity shelf with mop and broom holders     4.00     ea     Included       21     Uillity shelf with mop and broom holders     4.00     ea     Included       22     Install foilet accessories     246.00     ea     Included       075 00     Flagpole     Removed from scope per 0508/15 mtg     So       075 00     1     Aluminum - 33' overall ht, 30' expased, 2-piece pole     Removed from scope per 0508/15 mtg       075 00 Total     2     Building Workinding Signage     1.00     alow     \$15.000.00     Discussed allow widesign team 11-7-14       2     Building Code Signage     1.00     alow     \$15.000.00     Discussed allow widesign team 11-7-14       2     Building Workinding Signage     1.00     alow     \$15.000.00     Disc									
15     Waske Receptacles     9.00     ea     Included       16     Hand dryers     21.00     ea     Included       17     Shower seats, folding     6.00     ea     Included       18     Shower seats, folding     6.00     ea     Included       18     Shower cutains and hooks     10.00     ea     Included       19     Robe hook     16.00     ea     Included       20     Double robe hook     40.00     ea     Included       21     Uility shell with mop and broom holders     4.00     ea     Included       21     Uility shell with mop and broom holders     4.00     ea     Included       22     Included     1     Included     Included     Included       21     Uility shell with mop and broom holders     4.00     ea     Included       22     Included     Included     Included     Included       21     Uility shell with mop and broom holders     4.00     ea     Included       22     Included     Included     Included     Included       21     Intraftic State     State     State     State       0 75 00     I     Auritinum - 33' overall ht, 30' exposed, 2-piece pole     Removed from scope per 05/08/15 mg									
16         Hand diyers         21.00         ea         Included           17         Shower seats, folding         6.00         ea         Included           18         Shower curatins and hooks         10.00         ea         Included           19         Robe nok         16.00         ea         Included           20         Double robe hook         16.00         ea         Included           21         Double robe hook         40.00         ea         Included           22         Double robe hook         40.00         ea         Included           22         Install tolet accessories         246.00         ea         Included           22         Install tolet accessories         246.00         ea         Included           22         Install tolet accessories         246.00         ea         Included           23         Install tolet accessories         246.03         S0         S0           075 00         Flagpole         Removed from scope per 0508/15 mtg         S0         S0           014 00         Identifying Devices         Removed from scope per 0508/15 mtg         S0         S0           014 00         Iduing Weyfinding Signage         1.00         alow<									
17       Shower such fielding       6.00       ea       Included         18       Shower cutains and hooks       10.00       ea       Included         19       Robe hook       10.00       ea       Included         20       Double robe hook       40.00       ea       Included         21       Utily sheft with mop and broom holders       40.00       ea       Included         22       Install toilet accessories       246.00       ea       Included         0 75 00       Flagpole       Included       Included       Included         0 75 00       Flagpole       Removed from scope per 05/08/15 mtg       S0         0 14 00       Identifying Devices       S0       S0       S0         0 14 00       Identifying Devices       Included       S0       S0       Included         1       Building Vayifinding Signage       1.00       alow       \$15.000.00       Discussed allow wi design team 11-7-14       S0         2       Building Vayifinding Signage       1.00       alow       \$15.000.00       Discussed allow wi design team 11-7-14       S55.000         1       Tarffic Signage       1.00       alow       \$30,000.00       Discussed allow wi design team 11-7-14       S55.000									
18       Shower curlains and hooks       10.00       ea       Included         19       Robe hook       16.00       ea       Included         20       Double robe hook       40.00       ea       Included         21       Utility shelf with mop and broom holders       4.00       ea       Included         22       Install toilet accessories       246.00       ea       Included         0 28 00 Total       S44.083       S44.00       ea       Included         0 75 00       Flagpole       Removed from scope per 05/08/15 mtg       S44.083         0 75 00 Total       S0       S0       S0       S0         0 14 00       Identifying Devices       Removed from scope per 05/08/15 mtg       S0         0 14 00       Identifying Devices       Included       Included       S55.000         0 14 00 Total       Included       Included       Included       S55.000         0 14 S3       Traffic Signage       1.00									
19       Robe hook       16.00       ea       Included         20       Double robe hook       40.00       ea       Included         21       Uillity shelf with mop and broom holders       40.00       ea       Included         22       Install toilet accessories       246.00       ea       Included         028 00 Total       Statument         Removed from scope per 05/08/15 mlg         Statument         Of 500 Total         Statument         Of 500 Total         Statument         Of 500 Total         Statument         Other Statument         1         Aleminum - 33 'overall ht, 30' exposed, 2-piece pole         Removed from scope per 05/08/15 mlg         Of 500 Total         Statument         Of 1400         Methody Mayrifinding Signage       1.00       alow       \$15,000.00       Discussed allow w/ design team 11-7-14       By Owner part of FFE         O 14 00       Total       Sts.000         O 14 00       Instal isignage <td c<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
20         Double robe hook         40.00         ea         Included           21         Utility shelf with mop and broom holders         4.00         ea         Included           22         Install toilet accessories         246.00         ea         Included           0 28 00 Total         \$24,083         \$24,083         \$24,083           0 75 00         Flagpole         Removed from scope per 05/08/15 mtg         \$20           0 75 00 Total         \$0         \$0         \$0         \$0           0 14 00         Identifying Devices         \$0         \$0         \$0           1         Building Code Signage         1.00         allow         \$15,000.00         Discussed allow w/ design team 11-7-14           2         Building Wayfinding Signage         1.00         allow         \$40,000.00         Discussed allow w/ design team 11-7-14           3         2'' high photopolymer lens with ada tactile room numbers         By Owner part of FFE         \$55,000           0 14 60         1         Traffic Signage         1.00         allow         \$30,000.00         Discussed allow w/ design team 11-7-14           3         2'' high photopolymer lens with ada         1.00         allow         \$30,000.00         Discussed allow w/ design team 11-7-14 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
21       Utility shelf with mop and broom holders       4.00       ea       Included         22       Install toilet accessories       246.00       ea       Included         0 28 00 Total       \$24,083       \$24,083       \$24,083         0 75 00       Flagpole       Removed from scope per 05/08/15 mtg       \$0         0 75 00 Total       \$0       Included       \$0         0 75 00 Total       1       Aluminum - 33' overall ht, 30' exposed, 2-piece pole       Removed from scope per 05/08/15 mtg         0 75 00 Total       50       \$0       \$0       \$0         0 14 00       Identifying Devices       \$0       \$0         1       Building Code Signage       1.00       allow       \$15,000.00       Discussed allow wil design team 11-7-14         2       Building Wayfinding Signage       1.00       allow       \$40,000.00       Discussed allow wil design team 11-7-14         3       2* high photopolymer lens with ada tactile room numbers       By Owner part of FFE       \$\$5,000         0 14 00 Total       1       Traffic Signage       \$\$5,500.00       \$\$5,500.00         1       Traffic Control Signs       1.00       is       \$\$5,500.00       \$\$5,500.00         0 14 53       Traffic Control Signs       1.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
22       Install toilet accessories       246.00       ea       Included         0 28 00 Total       \$24,083         0 75 00       Flagpole       Removed from scope per 05/08/15 mtg       \$0         0 75 00 Total       \$0       \$0       \$0       \$0         0 75 00 Total       \$0       \$0       \$0       \$0       \$0         0 14 00       Identifying Devices       \$0									
Flagpole       Removed from scope per 05/08/15 mtg         0 75 00 Total       50         0 75 00 Total       50         0 14 00       Identifying Devices       50         1       Building Code Signage       1.00       allow       \$15,000.00       Discussed allow w/ design team 11-7-14         2       Building Wayfinding Signage       1.00       allow       \$40,000.00       Discussed allow w/ design team 11-7-14         3       2 * high photopolymer tens with ada tactile room numbers       Included       By Owner part of FFE         0 14 00 Total       0 igital signage       1.00       istow       \$40,000.00       Discussed allow w/ design team 11-7-14         3       2 * high photopolymer tens with ada tactile room numbers       Included       By Owner part of FFE         0 14 00 Total       555,000       By Owner part of FFE       S55,000         0 14 53       Traffic Control Signs       1.00       is       \$55,500.00         0 14 53       Traffic Control Signs       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0 14 53       Traffic Control Signs       1.00       is       \$5,500.00       S30,000.00       Discussed allow w/ design team 11-7-14         0 14 53       Traffic Control Signs       1.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Interface     Removed from scope per 05/08/15 mtg       O 75 00 Total     S0       O 14 00     Identifying Devices       Interface     S15,000.00       Discussed allow w/ design team 11-7-14       Interface     S15,000.00       Discussed allow w/ design team 11-7-14       Interface     S15,000.00       Interface     Interface       Interface     S15,000.00       Interface     Interface       Interface     S15,000.00       Interface     Interface       Interface     S15,000.00       Interface     Interface       Interface <thinterf< td=""><td>0 28 00 Total</td><td></td><td></td><td></td><td></td><td></td><td>\$24,083</td><td></td></thinterf<>	0 28 00 Total						\$24,083		
D 75 00 Total       S0         0 14 00       Identifying Devices         1       Building Code Signage       1.00       allow       \$15,000.00       Discussed allow w/ design team 11-7-14         2       Building Wayfinding Signage       1.00       allow       \$40,000.00       Discussed allow w/ design team 11-7-14         3       2* high photopolymer lens with ada tactile room numbers       Included       Included         4       Digital signage       By Owner part of FFE       By Owner part of FFE         0 14 00 Total        S55,000       \$55,000         2       Monument building sign -Allowance       1.00       is       \$55,000         2       Monument building sign -Allowance       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0 14 53       Traffic Control Signs       1.00       is       \$55,500.00         2       Monument building sign -Allowance       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0 14 53       Traffic Control Signs       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0 14 53       Total       \$35,500       \$35,500       \$35,500         0 12 200       Display Cases <td>0 75 00</td> <td>Flagpole</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	0 75 00	Flagpole							
0 14 00 Identifying Devices 1 Building Code Signage 1.00 allow \$15,000.00 Discussed allow w/ design team 11-7-14 2 Building Wayfinding Signage 1.00 allow \$40,000.00 Discussed allow w/ design team 11-7-14 3 2'' high photopolymer lens with ada tactile room numbers Included 4 Digital signage By Owner part of FFE 0 14 00 Total STraffic Signage 1.00 is \$5,500.00 1 Traffic Control Signs 1.00 is \$5,500.00 2 Monument building sign -Allowance 1.00 allow \$30,000.00 Discussed allow w/ design team 11-7-14 0 14 53 Total Signage 1.00 is \$5,500.00 2 Monument building sign -Allowance 1.00 allow \$30,000.00 Discussed allow w/ design team 11-7-14 0 14 53 Total Signage 1.00 is \$5,500.00 0 12 00 Display Cases 1.00 allow \$30,000.00 Discussed allow w/ design team 11-7-14 0 14 53 Total Signage 1.00 is \$5,500.00 0 12 00 Display Cases 1.00 Isolage 1.0	0 75 00 T-t-l	1	Aluminum - 33' overall ht, 30' exposed, 2-piece pole						
1     Building Code Signage     1.00     allow     \$15,000.00     Discussed allow w/ design team 11-7-14       2     Building Wayfinding Signage     1.00     allow     \$40,000.00     Discussed allow w/ design team 11-7-14       3     2* high photopolymer lens with ada tactile room numbers     Included       4     Digital signage     By Owner part of FFE       014 00 Total     By Owner part of FFE       1     Traffic Signage     \$55,000       2     Monument building sign -Allowance     1.00     is     \$55,000       2     Monument building sign -Allowance     1.00     allow     \$30,000.00     Discussed allow w/ design team 11-7-14       014 53     Traffic Control Signs     1.00     is     \$5,500.00       2     Monument building sign -Allowance     1.00     allow     \$30,000.00     Discussed allow w/ design team 11-7-14       014 53     Total     \$35,500     \$35,500     \$35,500     \$35,500       012 00     Display Cases     \$35,500     \$35,500     \$35,500       0 12 00     Display Cases     Not Included     \$30,000       0 12 00     Display Cases     Not Included       0 12 00     Lockers     \$0							\$U		
2       Building Wayfinding Signage       1.00       allow       \$40,000.00       Discussed allow w/ design team 11-7-14         3       2" high photopolymer lens with ada tactile room numbers       Included         4       Digital signage       By Owner part of FFE         0       14 00 Total       \$55,000         0       14 53       Traffic Signage         1       Traffic Control Signs       1.00       is       \$55,500.00         2       Monument building sign -Allowance       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0       14 53       Traffic Control Signs       1.00       is       \$5,500.00         2       Monument building sign -Allowance       1.00       allow       \$30,000.00       Discussed allow w/ design team 11-7-14         0       14 53       Total       \$35,500       \$35,500       \$35,500         0       12 00       Display Cases       \$35,500       \$35,500         1       Display Cases       Not Included       \$30,000         0       12 00       Display Cases       Not Included         0       100       Lockers       \$00	0 14 00					A45 055 55			
3       2" high photopolymer lens with ada tactile room numbers       Included         4       Digital signage       By Owner part of FFE         0       14 00 Total       \$55,000         0       14 00 Total       \$55,000         0       14 00 Total       \$55,000         0       1 Traffic Signage       \$55,000         2       Monument building sign - Allowance       1.00       is       \$5,500,00         2       Monument building sign - Allowance       1.00       allow       \$30,000,00       Discussed allow w/ design team 11-7-14         0       14 53 Total       \$35,500       \$35,500       \$35,500         0       1 Display Cases       Not Included       \$35,500         0       1 Display Cases       Not Included       \$0         0 12 00       Display Cases       Not Included       \$0         0 12 00       Display Cases       Not Included       \$0         0 12 00       Lockers       \$0       \$0								\$	
4     Digital signage     By Owner part of FFE       0 14 00 Total     \$55,000       0 14 53     Traffic Signage       1     Traffic Control Signs     1.00       2     Monument building sign - Allowance     1.00       3     Total     \$35,500.00       2     Monument building sign - Allowance     1.00       1     Display Cases     \$35,500       1     Display Cases     Not Included       0     12 00     Display Cases     Not Included       0     100     Lockers     \$0				1.00	allow	\$40,000.00		\$4	
0 14 00 Total     \$55,000       0 14 53     Traffic Signage       1     Traffic Control Signs       2     Monument building sign - Allowance       1.00     is       2     Monument building sign - Allowance       1.00     allow       30,000.00     Discussed allow w/ design team 11-7-14       014 53 Total     \$35,500       012 00     Display Cases       1     Display Cases       012 00 Total     Not Included       051 00     Lockers			51 15						
1     Traffic Control Signs     1.00     is     \$5,500.00       2     Monument building sign -Allowance     1.00     allow     \$30,000.00     Discussed allow w/ design team 11-7-14       0 14 53 Total     \$35,500     \$35,500     \$35,500       0 12 00     Display Cases     \$35,500       1     Display Cases     Not Included       0 12 00 Total     \$0     \$0	0 14 00 Total						,		
1     Traffic Control Signs     1.00     is     \$5,500.00       2     Monument building sign -Allowance     1.00     allow     \$30,000.00     Discussed allow w/ design team 11-7-14       0 14 53 Total     \$35,500     \$35,500     \$35,500       0 12 00     Display Cases     \$35,500       1     Display Cases     Not Included       0 12 00 Total     \$0	0 14 53	Traffic Sig	nage						
2     Monument building sign - Allowance     1.00     allow     \$30,000.00     Discussed allow w/ design team 11-7-14       0 14 53 Total     \$35,500       0 12 00     Display Cases     1       1     Display Cases     Not Included       0 12 00 Total     \$0       0 51 00     Lockers	0.100			1.00	ls	\$5,500.00			
0 12 00 Display Cases Not Included 0 12 00 Total 0 12 00 Total 0 50 0 51 00 Lockers								\$:	
1     Display Cases     Not Included       0     12     00     \$0       0     51     00     Lockers	0 14 53 Total						\$35,500		
0 12 00 Total \$0 0 51 00 Lockers	0 12 00								
0 51 00 Lockers	0 12 00 Total	1	Display Cases						
							÷۵		
	0 51 00		1 BOD: Columbia Lockers, phonolic	1.00	cub	\$06.029.71		\$	
2 Locker Rooms - double tier, 14"x18"x60" 148.00 ea Included						ψ70,020.71	Included	>	
		2		10.00	са		IIICIQUEQ		

			Detailed Cost Es		Document	
	Item # Description	Quantity		id Package #2 - GMP Total Unit	Notes / Comments / Clarifications	Total C
0 51 00	3 Locker Rooms - single tier, 14"x18"x60"	67.00	ea		Included	
	4 Life Guard - 3 tier - 12"x12"x36"	4.00	ea		Included	
	5 Admin - 3 tier 12"x12"x36"	13.00	ea		Included	
	6 Fitness - 4 tier , 12"x18"x60"	9.00	ea		Included	
	7 Locking - Padlock hasps for owner provided padlocks 8 Digi locks	1.00	ls		Included See Add Alternates	
	9 Sloped top and end panels	1.00	ls		Included	
	10 Standard colors	1.00	ls		Mix & Match colors/frames not included	
	11 Installation	1.00	ls		Included	
	12 Cmu locker bases per detail 1/A631				With Masonry	
0 F1 00 T-+-1	13 MWBE Participation				Refer to MWBE worksheet	
0 51 00 Total					\$96,029	
0 80 00	Misc Specialties					
	1 TV brackets - ceiling, Da-lite	12.00	ea	\$551.97	includes unistrut support from struc stl support	\$6
0 80 00 Total	2 TV's				By Owner, part of FFE \$6,624	
					φ0 <sub>1</sub> 024	
0 26 13	Misc Specialties					
	3 Stainless steel corner guards - 1 1/2" x 1 1/2" x 8'	40.00	ea	\$98.00		\$3
0.0/ 40 T	4 Install corner guards	40.00	ea	\$25.50	A1040	\$1
0 26 13 Total					\$4,940	
0 22 33	Operable Wall Partitions					
0 22 00	1 Operable Partitions				Removed per 2/17/15 meeting	
0 22 33 Total					\$0	
	E					
0 14 70	Environmental Graphics 1 GPH 2a-2h & GPH3	1.00	out	\$13,984.00		\$13
	2 Front desk - perforated film graphic image of Colfax marathor		sub ea	\$13,964.00	Included	\$1.
	3 Stair tread graphic images	8.00	ea		Included	
	4 Installation	1.00	ls		Included	
	5 MWBE Participation				Refer to MWBE worksheet	
					\$13,984	
ivision 11 -	ecialities Total - Equipment				\$264,02	3
vision 10 - Spe	ecialities Total - Equipment Loading Dock Equipment 1 Loading Dock Equipment					3
<i>vision 10 - Spe</i> <i>ivision 11 -</i> 1 13 00	ecialities Total - Equipment Loading Dock Equipment 1 Loading Dock Equipment				\$264,02 Not Included	3
<i>vision 10 - Spe</i> <i>ivision 11 -</i> 1 13 00 1 <b>13 00 Tota</b> l	cecialities Total  Coding Dock Equipment  Loading Dock Equipment  Loading Dock Equipment  Food Service Equipment  Catering Kitchen Equipment				\$264,02 Not Included \$0	3
vision 10 - Spe ivision 11 - 1 13 00 1 13 00 Total 1 40 00					\$264,02 Not Included \$0 Not Included	3
vision 10 - Spe ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	cecialities Total  Cequipment Loading Dock Equipment 1 Loading Dock Equipment  Food Service Equipment 1 Catering Kitchen Equipment  Residential Equipment (GE Equipment) 1 Admin Offices				\$264,02 Not Included \$0 Not Included	
vision 10 - Spe ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Cadering Kitchen Equipment         1       Catering Kitchen Equipment         Residential Equipment (GE Equipment)         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft	1.00	68	\$306.80	\$264,02 Not Included \$0 Not Included	
<i>vision 10 - Spe</i> <i>ivision 11 -</i> 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Dock Equipment         1       Catering Kitchen Equipment         Residential Equipment (GE Equipment)         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile 23.3 Cu Ft side by side	3.00	ea	\$2,831.72	\$264,02 Not Included \$0 Not Included	\$
vision 10 - Spe ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Series 2.2 Cu Ft         4       Built-in Dishwasher - GE GLDT696Dss	3.00 1.00	ea ea	\$2,831.72 \$735.92	\$264,02 Not Included \$0 Not Included	\$
vision 10 - Spe ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	ecialities Total         - Equipment         Loading Dock Equipment         1       Loading Dock Equipment         Food Service Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Unitized Spacemaker Model	3.00 1.00 1.00	ea ea ea	\$2,831.72 \$735.92 \$1,243.80	\$264,02 Not Included \$0 Not Included	\$
<i>vision 10 - Spe</i> <i>ivision 11 -</i> 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total	ecialities Total         - Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Drofile Series 2.4 Cu Ft         4       Built-in Dishwasher - GE GLDT696Dss         5       Washer/Dryer - GE Unitized Spacemaker Model         6       Residential Dryer	3.00 1.00 1.00 2.00	ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00	\$264,02 Not Included \$0 Not Included	\$
vision 10 - Spei ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total 1 30 00	ecialities Total         - Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile 23.3 Cu Ft side by side         4       Built-in Dishwasher - GE GLDT696Dss         5       Washer/Dryer - GE Unitized Spacemaker Model         6       Residential Dryer         7       Unload/handle/uncrate/install	3.00 1.00 1.00	ea ea ea	\$2,831.72 \$735.92 \$1,243.80	\$264,02 Not Included \$0 Not Included \$0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$
vision 10 - Spei ivision 11 - 1 13 00 1 13 00 Total 1 40 00 Total 1 30 00 1 30 00 Total	Recialities Total         - Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         Residential Equipment (GE Equipment)         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile 23.3 Cu Ft side by side         4       Built-in Dishwasher - GE GLDT696Dss         5       Washer/Dryer - GE Unitized Spacemaker Model         6       Residential Dryer         7       Unload/handle/uncrate/install	3.00 1.00 1.00 2.00	ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00	\$264,02 Not Included \$0 Not Included	\$ \$ \$ \$ \$ \$ \$
vision 10 - Spei ivision 11 - 1 13 00 1 13 00 Total 1 40 00 1 40 00 Total 1 30 00	ecialities Total         - Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Drofile Saries 2.2 Cu Ft         3       Refrigerator - GE Unitized Spacemaker Model         4       Built-in Dishwasher - GE GLDT696Dss         5       Washer/Dryer - GE Unitized Spacemaker Model         6       Residential Dryer         7       Unload/handle/uncrate/install	3.00 1.00 1.00 2.00 8.00	ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00 \$820.00	\$264,02 Not Included \$0 Not Included \$0	\$i \$ \$ \$ \$
vision 10 - Spei ivision 11 - 1 13 00 1 13 00 Total 1 40 00 Total 1 30 00 1 30 00 Total	Recialities Total         • Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment         1       Catering Kitchen Equipment)         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Sai Su Cu Ft side by side         4       Built-in Dishwasher - GE GLDT696Dss         5       Washer/Dryer - GE Unlitzed Spacemaker Model         6       Residential Dryer         7       Unload/handle/uncrate/install         Projection Screens         1       Wall Mounted, Manual, Draper Silhouette Series - 72" x 96"	3.00 1.00 2.00 8.00 1.00	ea ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00 \$820.00 \$1,150.00	\$264,02 Not Included \$0 Not Included \$0	\$i \$ \$ \$ \$
vision 10 - Spei ivision 11 - 1 13 00 1 13 00 Total 1 40 00 Total 1 30 00 1 30 00 Total	ecialities Total         - Equipment         Loading Dock Equipment         1       Loading Dock Equipment         1       Loading Dock Equipment         1       Catering Kitchen Equipment         Residential Equipment (GE Equipment)         1       Admin Offices         2       Microwave - GE Profile Series 2.2 Cu Ft         3       Refrigerator - GE Profile Saries 2.2 Cu Ft         3       Refrigerator - GE Unitized Spacemaker Model         6       Residential Dryer         7       Unload/handle/uncrate/install         Projection Screens         1       Wall Mounted, Manual, Draper Silhouette Series - 72" x 96"         2       Concealed Blocking (Fire Treated)	3.00 1.00 1.00 2.00 8.00	ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00 \$820.00	\$264,02 Not Included \$0 Not Included \$0 \$0 \$18,842 \$18,842	\$ \$ \$ \$ \$ \$ \$
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<i>vision 10 - Spe</i> <i>ivision 11 -</i> 1 13 00 <b>1 13 00 Total</b> 1 40 00 <b>Total</b> 1 30 00 <b>1 30 00 Total</b> 1 52 00 <b>1 52 00 Total</b>	ecialities Total  C Equipment Loading Dock Equipment  1 Loading Dock Equipment  1 Loading Dock Equipment  1 Catering Kitchen Equipment  Residential Equipment (GE Equipment)  1 Admin Offices  2 Microwave - GE Profile Series 2.2 Cu Ft  3 Refrigerator - GE Profile Saries 2.2 Cu Ft  3 Refrigerator - GE Profile Saries 2.2 Cu Ft  3 Refrigerator - GE Unitized Spacemaker Model  4 Built-in Dishwasher - GE GLDT696Dss  5 Washer/Dryer - GE Unitized Spacemaker Model  6 Residential Dryer  7 Unload/handle/uncrate/install  Projection Screens  1 Wall Mounted, Manual, Draper Silhouette Series - 72" x 96"  2 Concealed Blocking (Fire Treated)  3 Projectors  Gym Equipment  1 Gym Equipment - BOD: Porter Athletic Company Basketball Backboards & Goals - Pro-Strut rectangular glass 3 with pads and Powr-Flex rims	3.00 1.00 1.00 2.00 8.00 1.00 1.00 1.00 6.00 6.00	ea ea ea ea ea ea ea ea ea ea ea	\$2,831.72 \$735.92 \$1,243.80 \$750.00 \$820.00 \$1,150.00 \$44.00	S264,02         Not Included         \$0         Not Included         \$0         \$0         \$0         \$18,842         By Owner, part of FFE         \$1,194         Included         Included         Standard colors, no logos or custom included	\$ \$ \$ \$ \$ \$ \$ \$
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				Estimate and Budget Control		
			Dotanou obot	Bid Package #2 - GMP	bounding	
	Item # Description	Quantity	Unit	t Total Unit	Notes / Comments / Clarifications	Total Co
11 66 23	13 Floor protection for installation of gym equipment		sf	\$0.20		\$9
	14 MWBE Participation				Refer to MWBE worksheet	
11 66 23 Total					\$55,820	
44.0000						
11 9900	Security Gates 1 Turnstile at reception desk	1.00		\$4,500.00		¢4.
	2 Installation	1.00	ls Is	\$4,500.00		\$4,5
11 9900 Total	Z Installation	1.00	IS		\$4,500	
11 7700 10181					000,¥¢	
Division 11 - Equ	wipment Total				\$80,355	
					***,***	
Division 12 -	- Furnishings					
12 60 00	Multiple Seating					
	1 Tip'n'roll alum bleachers at competitive/lap pool/gym				With FF&E	
12 60 00 Total					\$0	
12 93 00	Site Furnishings					
	1 Forms + Surfaces site furnishings	1.00	sub	\$32,830.10		\$32,8
	Forms + Surfacesfreestanding surface mtd backed bench,					
	2 titanium finish	9.00	ea		Included	
	3 Forms + Surfaces Bicycle rack, stainless steel finish	38.00	ea	¢1 / F0 00	Included	¢0.0
	4 Plainwell Litter	6.00	ea	\$1,650.00	Du Quipor to rolocoto	\$9,9
	5 B-Cycle Station 6 Dog playground agility course				By Owner to relocate Not Included	
	7 Soofa Bench	1.00	ea	\$4,188.00	NOUTICIUUEU	\$4,1
	Big Belly solar trash receptacle, 50 gal, black, 1 year warrant		ea	\$4,100.00		\$4,1
	8 and software license	y 6.00	ea	\$3,510.28		\$21,0
	<ul> <li>9 Furnish and install parking meter poles along Josephine street</li> </ul>		ea	\$238.49		\$21,6
	10 Touch up paint after installation	54.00	ea	\$35.00		\$1,8
	11 Unload, Handle & Install	54.00	ea	\$76.97		\$4,1
	12 Shade Shelter at Dog Park				Scope removed from project	
12 93 00 Total					\$75,696	
12 24 00	Roller Shades					
	Mecho shades with thermoveil 1300 series fabric, 5%, with	1.00		644 Q/7 QQ		±
	1 fascia	1.00	ls	\$41,267.00	la alcola d	\$41,2
	2 Manual operated mecho shades, 5% with Fascia 3 Motorized mecho shades, 5% with fascia	11.00	ea		Included Included	
	4 1" aluminum mini blinds	24.00	ea		Included	
	4 1 auminum mini blinds     5 Low voltage wiring to switches	8.00	ea	\$225.00	inciudea	\$1,5
	6 MWBE Participation	1.00	ea	\$22J.UU	Refer to MWBE worksheet	C, I ¢
12 24 00 Total					\$42,842	
					Ψ <sup>1</sup> ζ <sub>1</sub> ΥΥ	
12 48 43	Floor Mats					
	1 Mannington Recoarse 24"x24" walk off carpet tile	26.00	sy		Included	
	2 Installation	1.00	ls		Included	
12 48 43 Total					\$0	
Division 12 - Fui	rnishings Total				\$118,538	
	- Conveying Systems					
14 20 00	Elevators					
	BOD - Kone Ecospace 4,000 lb, 5 stop, machine roomless					
	1 traction elevator	1.00	ea	\$132,120.48	Requirements for early deposits apply	\$132,1
	2 Layout	12.00	hrs	\$38.49	Early payoff for retention applys	\$4
	3 Sill angle	5.00	ea	\$300.00		\$1,5
	4 Pit ladder	1.00	ea		Included	
	5 Extended warranty for early use	1.00		6153.04	N/A	64
	6 Install Overhead hoisting beam 7 Standard cab finishes	1.00	ea	\$153.94	Included	\$1
	8 MWBE Participation	1.00	ls		Refer to MWBE worksheet	
14 20 00 Total					Refer to MWBE worksheet \$134,236	
14 20 00 TOIdl					\$134,230	
Division 14 - Co					\$134,236	
	onveying Systems Total				¢701/200	
51115101114 001	onveying Systems Total					
	· · ·					
	- Fire Suppression					
Division 21 -	- Fire Suppression Fire Suppression	1.00	ls	\$191 892 60		\$101 R
Division 21 -	- Fire Suppression     Fire Suppression     1 Wet-type Fire Protection System	1.00	ls Is	\$191,892.60	Included	
Division 21 -	- Fire Suppression     Fire Suppression     1 Wet-type Fire Protection System	1.00 1.00 1.00	ls Is Is	\$191,892.60	Included	
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy	1.00	ls	\$191,892.60		
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13	1.00 1.00	ls Is	\$191,892.60	Included	
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13         4 Standpipes, manual in stair cores	1.00 1.00 1.00	ls Is Is	\$191,892.60	Included Included	
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13         4 Standpipes, manual in stair cores         5 Double-check backflow preventer	1.00 1.00 1.00 1.00	ls Is Is Is	\$191,892.60	Included Included Included	
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13         4 Standpipes, manual in stair cores         5 Double-check backflow preventer         6 FDC - fire dept connection	1.00 1.00 1.00 1.00 1.00	ls Is Is Is Is	\$191,892.60	Included Included Included Included Included Included	
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13         4 Standpipes, manual in stair cores         5 Double-check backflow preventer         6 FDC - fire dept connection         7 Schedule 10 black piping for 1-1/2" and larger         8 Schedule 40 black piping for 1-1/4" and smaller         9 Underground to inside the bldg	1.00 1.00 1.00 1.00 1.00 1.00	IS IS IS IS IS IS	\$191,892.60	Included Included Included Included Included Included 3500	\$191,89 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Division 21 -	Fire Suppression     Fire Suppression         1 Wet-type Fire Protection System         2 Dry system at entry canopy         3 Design, furnish and install per NFPA 13         4 Standpipes, manual in stair cores         5 Double-check backflow preventer         6 FDC - fire dept connection         7 Schedule 10 black piping for 1-1/2" and larger         8 Schedule 40 black piping for 1-1/4" and smaller	1.00 1.00 1.00 1.00 1.00 1.00 1.00	Is Is Is Is Is Is Is Is		Included Included Included Included Included Included	



\$198,327

\$971,306

#### Central Denver Recreation Center

Detailed Cost Estimate and Budget Control Document

				E	3id Package #2 - GMP		
	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cost
21 00 00	12	Standpipes	1.00	ls		Included	\$0
		Corrosion resistant, white polyester coated, upright sprinkler					
	13	heads at natatorium	1.00	ls		Included	\$0
	14	Brass upright sprinklers with head guards at exposed ceilings	1.00	ls		Included	\$0
	15	Concealed heads, white finish in finished ceiling areas	1.00	ls		Included	\$0
	16	Core drills, fire/sound caulking	60868.00	sf	\$0.04		\$2,435
	17	Seismic analysis or protection				Excluded - Assumed not required	\$0
	18	MWBE Participation				Refer to MWBE worksheet	
21 00 00 Total						\$	198,327

#### Division 21 - Fire Suppression Total

ivision 22 -	Plumbing						
22 00 00	Plumbing						
	1	Plumbing	1.00	ls	\$937,996.01		\$937,
		Reduced pressure, backflow preventer	1.00	ls		Included	
	3	Domestic water and condensate piping, type L copper	1.00	ls		Included	
	4	Water heaters, high efficiency, natural gas fired	1.00	ls		Included	
		Below grade piping, PVC, schedule 40	1.00	ls		Included	
	6	Piping for waste and vent is cast-iron, with no-hub fittings	1.00	ls		Included	
	7	Roof drains and overflow drains	1.00	ls		Included	
		Gas piping, schedule 40 black steel	1.00	ls		Included	
	9	Plumbing fixtures, including piping	1.00	ls		Included	
	10	Drinking Fountain at Dog Park				N/A	
	11	Pipe insulation as required	1.00	ls		Included	
		Hose bibs	1.00	ls		Included	
	13	Sand / oil interceptor				N/A	
	14	Grease interceptor				N/A	
	15					N/A	
		Core drilling, fire/sound caulking	60868.00	sf	\$0.04		\$2
		Underground to inside the bldg	1.00	ls	\$3,500.00		\$3
		LEED Coordination	128.00	hrs	\$75.00		\$9
	19		237.00	hrs	\$75.00		\$17
	20	Test & Balance	1.00	ls		Included	
	21	Mechanical permits and fees	1.00	ls		Included	
	22	Trench drains at pool deck	1.00	ls		Included	
	23	3D Coordination Drawings	1.00	ls		Included	
	24	Cathodic protection				Not Included	
	25	Seismic protection				Not Included	
	26	Concrete encasement of underground piping				Not Included	
	27	MWBE Participation				Refer to MWBE worksheet	

# Division 22 - Plumbing Total

vsision 23	- HVAC						
3 00 00	Heating, Ve	ntilating and Air Conditioning					
	8	BP#2 - HVAC Rec Center				Below	
	9	HVAC Air System	1.00	ls	\$1,519,115.10		\$1,519
	10	Fire/smoke dampers as required	1.00	ls		Included	
	11	Exposed ductwork to be spiral, grip-lock primer	1.00	ls		Included	
	12	Insulation as needed	1.00	ls		Included	
	13	Temperature Controls, DDC	1.00	ls	\$187,497.91		\$187
		LEED Coordination	142.00	hrs	\$75.00		\$10
	15	MEP Coordination	264.00	hrs	\$75.00		\$19
	16	Test & Balance	1.00	ls		Included	
	17	Core drilling, fire/sound caulking	60868.00	sf	\$0.04		\$2
	18	Mechanical permits and fees	1.00	ls		Included	
		PDU, Pool Dehumidification Unit, roof mounted	1.00	ls		Included	
	20	UH, unit heaters for pool mech	1.00	ls		Included	
	21	Exhaust fans	1.00	ls		Included	
	22	Ductwork in Natatorium, Aluminum	1.00	ls		Included	
		Galvanized ductwork throughout, except as noted	1.00	ls		Included	
	24	Aluminum R/A louvers	1.00	ls		Included	
	25	Big Ass Fans in Natatorium as destratafication	4.00	ea		Included	
	26	Chemical room exhaust, pvc pipe as duct, corrosion resistant	1.00	ls		Included	
	27	Solar Thermal System 60 evac tube panels w/equipment				Not Included	
	28	RTU's Packaged, DX cooling, gas-fired heating	1.00	ls		Included	
	29	Reheat - hot-gas reheat coils for humidity control	1.00	ls		Included	
	30	VAV's - variable air vaolume terminals (electric coils)	1.00	ls		Included	
	31	Split System AC units	2.00	ea		Included	
	32	3D Coordination Drawings	1.00	ls		Included	
	33	Filter changes to units after building flush out	1.00	ls		Included	
	34	Duct cleaning				Not Included	
	35	Seismic protection				Not Included	
	36	Concrete encasement of underground duct				Not Included	
	37	MWBE Participation				Refer to MWBE worksheet	



ltom #	Description	Ouantitu	Linit	Bid Package #2 - GMP Total Unit	Notes / Comments / Clarifications	Total
Item #	Description	Quantity	Unit	i Total Unit	Notes / Comments / Clarifications	lotal
rsision 23 - HVAC Total					\$1,739,498	3
vision 26 - Electrical						
5 00 00 Electrical	Electrical	1.00	sub	\$1,445,560.00		\$1,44
2		1.00	ls	\$1,443,300.00	Below	, TT, TQ
	Parking lot lighting - LED light poles at parking lots	1.00	ls		Included	
4	Pedestrian lighting - LED bollards	1.00	ls		Included	
5		22.00	ea	\$750.00		\$1
	Power & lighting to site monument sign	1.00	ea		Included	
7		2.00	ea	\$1,200.00	Dalaw	
	Service & Equipment Main service, 1500 KVA transformer	1.00	ls Is		Below Included	
	Copper feeders	1.00	15		Includes Aluminum Feeders provided over 100 amps	
	Emergency generator and ATS				Not Included	
	Building Lighting	1.00	ls		Below	
	Lighting Systems	1.00	ls		Alternate fixture package per ASI 1 luminiere schedule	
14		1.00	ls		Included	
	Power for underwater pool lights (lights furnished with pools)	8.00	ea		Included	
16	Lighting, fixtures to meet energy code Lighting controls	1.00	ls Is		Included Included	
	Building Power	1.00	ls		Below	
19		1.00	ls		Included	
20	Receptacles per typical rec center, GFI's per code	1.00	ls		Included	
21		1.00	ls		Included	
22	Power to auto water valves	1.00	ls		Included	
23		1.00	ls		Included	
24	Starters and VFD's for pumps and equipment Temp lighting, power	1.00	1-		w/ Pool Included	
25	Core drilling, fire/sound caulking	60868.00	ls sf	\$0.04	Included	
27	° °	1.00	sub	\$118,088.00		\$1
28	Addressable voice evacuation	1.00	ls	\$110,000,000	Included	
29	Conduit system for all fire alarm system	1.00	ls		Conduit for entire fire alarm system	
30	Two way communication	1.00	ls		Included	
31		1.00	ls		Included	
	Elec permits	1.00	ls	* 10 714 00	Included	
33		1.00	sub	\$48,711.30	holuded	\$
34	Pool bonding and grounding Interlocking pool equipment	1.00	ls Is		Included Included	
	Power to Fire Pump	1.00	15		Not Included - assumed not required	
	LEED Coordination	130.00	hrs	\$75.00		
38	EMON / DEMON for Commissioning	1.00	ls	\$5,000.00		
39		160.00	hrs	\$75.00		\$
	City & County taxes	1.00	ls		Included	
41 00 00 Total	MWBE Participation				Refer to MWBE worksheet \$1,660,444	
sion 26 - Electrical Total					\$1,660,444	
	ellan a				\$1,000,444	
tision 27 - Communica 41 00 Audio-Vide						
	Raceways and Cabling for AV Systems	1.00	sub	\$46,726.20		\$
	Flex Classroom #104			,	Below	· · · ·
	Presentation controller to control room A/V projection, ceiling					
	mounted	1.00	ls		Included	
4		1.00	ls		Included	
5	Lockable AV cabinet	1.00	ls		Included	
	Blu-ray player with wired network connection and HDMI output	t 1.00	ls		Included	
7	A/V controller/switcher/scaler/amplifier	1.00	ls		Included	
8		1.00	ls		Included	
	Wireless microphone receiver, pendant wireless mic, hand	1.00				
	held mic & charging station	1.00	ls		Included Included	
10	Wall mounted digital A/V inputs Fitnes Studio #201 and Group Exercise #M02 Audio	1.00	ls		Below	
	Lockable AV cabinet	1.00	ls		Included	
12	Wireless microphone receiver, bodypack transmitter and		13		moradoa	
13	waterproof headset	1.00	ls		Included	
14	Wall mounted speakers	1.00	ls		Included	
45	CD/MP3 player with wireless bluetooth receiver	1.00	ls		Not Mentioned in SD Narrative	
	Rack mounted audio source and microphone mixer	1.00	ls		Included	
16	Sound System - Aquatics				Moved to FF&E per 2/27 accepted price option	
16 17					Maxing the EE0 E man 2/27	
16 17 18	Sound System - Weight/Cardio				Moved to FF&E per 2/27 accepted price option	
16 17					Moved to FF&E per 2/27 accepted price option \$46,726	
16 17 18 41 00 Total						



				Bid Package #2 - GMP		
	Item # Description	Quantity		Total Unit	Notes / Comments / Clarifications	Total Cos
27 51 00 Total		,			\$0	
27 52 12						
27 53 13	Clock & Paging Systems 1 Wireless Clock System & Paging Syste	m 1.00	ls	\$67,493.40		\$67,493
	2 Clocks, battery operated as noted	1.00	ls	\$07,473.40	Included	\$07,475
	3 Paging system, speakers, amplifiers, ar	nd head-end equipment 1.00	ls		Included	\$0
	4 Licensing of paging system				By Owner	\$(
27 53 13 Total	5 Supply & install Kronos time clock				By Owner \$67,493	\$(
27 00 10 10101					\$07,170	
27 10 00	Structured Cabling					
	1 Tele/Data Cabling	1.00	sub	\$162,880.00		\$162,88
	2 Cat 6, plenum rated cabling	1.00	ls		Included	\$
	3 RG-6 coax cabling 4 Jacks and faceplates	1.00	ls		Included Included	\$
	5 Racks in Telecomm Room	1.00	ls Is		Included	\$
	6 Tele/Data Cabling per plan	1.00	ls		Included	\$
	7 User-end connections and testing	1.00	ls		Included	\$
	8 Server-side connections and testing				By Owner	\$
	9 Supply and install of patch cables				By Owner	\$
	10 Supply of routers, WAP's/Licenses for V				By Owner	\$
	11 Installation of WAP's	1.00	ls		Included	\$1
	12 Installation of Routers 13 Century Link - install cabling and condu	it from bldg to pedestal 1 00	ls		By Owner Included	\$
	Traffic Fiber - Provide conduit from vaul		12		Included	\$
	14 install fiber	1.00	ls		Included	\$
	15 Furnish fiber optic cabling				By Owner	\$
	16 Comcast - install cabling and conduit to	pedestal onsite 1.00	ls		Included	\$
27 10 00 Total					\$162,880	
27 53 19	Distributed Antenna System (Emergency)					
27 33 19	1 800 MHz Public Safety Radio Amplifica	tion System 1.00	ls	\$53,139.60		\$53,14
	2 Distributed Antenna Sys for AT&T or Ve		15	\$53,137.00	Not Included	\$00,11
	mmunications Total				\$53,140 <i>\$330,239</i>	
ivision 27 - Co Division 28 -	mmunications Total - Electronic Safety and Security Electronic Access Control				\$330,239	
<i>ivision 27 - Co</i> Division 28 - 28 13 00	mmunications Total - Electronic Safety and Security	1.00	sub	\$10,689.00		\$10,68
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control     1 Card Access system		sub	\$10,689.00	\$330,239 See price options list for deduct of Access Control Sys	\$10,68
<i>ivision 27 - Co</i> Division 28 - 28 13 00 <b>28 13 00 Tota</b> l	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection	1.00	sub	\$10,689.00	\$330,239 See price options list for deduct of Access Control Sys	\$10,68
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection     Intrusion detection system for building p	1.00 perimeter, doors,			\$330,239 See price options list for deduct of Access Control Sys	
Division 28 - 28 13 00	mmunications Total  Electronic Safety and Security Electronic Access Control  Card Access system  Intrusion Detection Intrusion detection system for building p  windows	1.00 perimeter, doors, 1.00	sub Is Is	\$10,689.00 \$34,510.20	\$330,239 See price options list for deduct of Access Control Sys	\$34,51
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection     Intrusion detection system for building p	1.00 perimeter, doors, 1.00 ent 1.00	ls		\$330,239 See price options list for deduct of Access Control Sys \$10,689	\$34,511 \$1
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total	mmunications Total  Electronic Safety and Security Electronic Access Control  Card Access system  Intrusion Detection Intrusion detection system for building p  windows 2 Cabling, devices and head-end equipm	1.00 perimeter, doors, 1.00 ent 1.00	ls Is		\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included	\$34,51 \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts	1.00 perimeter, doors, 1.00 ent 1.00	ls Is		\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included Included	\$34,51
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts     Electronic Surveillance	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00	ls ls ls	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included Included	\$34,51 \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00	ls ls ls		\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included Included	\$34,51 \$ \$ \$ \$96,16
ivision 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total		1.00 berimeter, doors, 1.00 ent 1.00 5 1.00 54.00 by contractor 1.00	ls ls ls	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included \$34,510 Included	\$34,51 \$ \$ \$96,16 \$ \$ \$ \$
ivision 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included S34,510 Included Included Included Included Uncluded Unclude	\$34,51 \$ \$96,16 \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included \$34,510 Included Uncluded With Structured Cabling Owner to Purchase and configure system	\$34,51 \$ \$96,16 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included \$34,510 Included Included Uncluded Uncluded Uncluded Uncluded Uncluded By Owner to Purchase and configure system By Owner	\$34,51 \$ \$96,16 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total	mmunications Total	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included \$34,510 Included Uncluded With Structured Cabling Owner to Purchase and configure system	\$34,51 \$1 \$1 \$96,16 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 Total 28 20 00 28 20 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building g         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts     Electronic Surveillance         1 Electronic Surveillance system         2 Cameras, 32 indoor, 22 outdoor         3 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of camera licenses         7 Supply and installation of servers	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included Included Uncluded Unclude Uncluded Uncluded Uncluded Unclude Uncluded Unclude Unclud	\$34,51 \$ \$ \$ \$ 96,16 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
ivision 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system         1 Subility of Carden to the system         1 Card Access and head-end equipm         3 Motion detectors, door position contacts         Electronic Surveillance         1 Electronic Surveillance system         2 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of cardena licenses         7 Supply and installation of servers         Electronic Detection and Alarm	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 Included Included S34,510 Included Uncluded Uncluded With Structured Cabling Owner to Purchase and configure system By Owner By Owner S96,162	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 Total		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	\$330,239 See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included Included Uncluded Unclude Uncluded Uncluded Uncluded Unclude Uncluded Unclude Unclud	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
ivision 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 28 20 00 28 20 00 28 20 00 Total 28 30 00 28 30 00 Total		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included \$34,510 Included S34,510 S4,	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 28 30 00 28 30 00 28 30 00 Total 28 30 00 Total 28 30 00 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts     Electronic Surveillance         1 Electronic Surveillance system         2 Cameras, 32 indoor, 22 outdoor         3 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of camera licenses         7 Supply and installation of servers         Electronic Detection and Alarm         1 Fire Detection and Alarm	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included S34,510 Included Included Included Included Uncluded Uncluded Uncluded S44,510 S0	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
ivision 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 28 30 00 28 30 00 28 30 00 Total 28 30 00 Total 28 30 00 Total 28 30 00 Total 28 30 00 Total	mmunications Total      - Electronic Safety and Security      Electronic Access Control         1 Card Access system      Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts      Electronic Surveillance         1 Electronic Surveillance system         2 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of camera licenses         7 Supply and installation of servers         Electronic Detection and Alarm         1 Fire Detection and Alarm         1 Fire Detection and Alarm         Lime Soil Stabilization	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included \$34,510 Included S34,510 S34,51	\$34.51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
<i>Vivision 27 - Co</i> <i>Division 28 - 2</i> 28 13 00 <b>28 13 00 Total</b> 28 16 00 <b>28 16 00 Total</b> 28 20 00 <b>28 20 00 Total</b> 28 30 00 <b>28 30 00 Total</b> <i>28 30 00 Total</i> <i>28 30 00 Total</i> <i>28 30 00 Total</i> <i>28 30 00 Total</i> <i>28 30 00 Total</i> <i>31 32 13</i>		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included S34,510 Included Included Included Included Uncluded Uncluded Uncluded S44,510 S0	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 28 20 00 28 30 00 28 30 00 28 30 00 28 30 00 Total 28 30 00 28 30 00 Total 28 31 32 13 31 32 13 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts     Electronic Surveillance         1 Electronic Surveillance system         2 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of camera licenses         7 Supply and installation of servers         Electronic Detection and Alarm         1 Fire Detection and Alarm         1 Fire Detection and Alarm         Lime Soil Stabilization         1 Lime Stabilization	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included \$34,510 Sat,51	\$34,51 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 Total 28 30 00 28 30 00 28 30 00 Total 28 30 00 28 30 00 Total 28 31 32 13 31 32 13 31 32 13 Total 31 7 Total	mmunications Total     Electronic Safety and Security     Electronic Access Control         1 Card Access system     Intrusion Detection         Intrusion detection system for building p         1 windows         2 Cabling, devices and head-end equipm         3 Motion detectors, door position contacts     Electronic Surveillance         1 Electronic Surveillance system         2 Camera's installed, aimed and focused         4 Network cabling, patch panels, UPS & r         5 Video recording servers, software and F         6 Supply of camera licenses         7 Supply and installation of servers         Electronic Detection and Alarm         1 Fire Detection and Alarm         1 Fire Detection and Alarm         Lime Soil Stabilization         1 Lime Stabilization	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included S34,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S10,689 S44,510 S10,689 S10,68	\$34,510 \$0 \$96,162 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
Division 27 - Co Division 28 - Co 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 28 20 00 Total 28 30 00 28 30 00 Total 28 30 00 Total 28 30 00 Total 31 32 13 Total 31 32 13 Total 31 7 Total 32		1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 54.00 by contractor 1.00 racks POE switch	IS IS IS E2 IS IS	\$96,162.00	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included S34,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S10,689 S44,510 S10,689 S10,68	\$10,685 \$34,510 \$0 \$96,162 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 27 - Co Division 28 - 28 13 00 28 13 00 Total 28 16 00 28 16 00 Total 28 20 00 28 20 00 Total 28 30 00 28 30 00 Total Division 28 - Ele 31 31 32 13	Intrusion Detection Intrusion Detection Card Access Control I Card Access system Intrusion Detection Intrusion detection system for building p Windows Cabling, devices and head-end equipm Motion detectors, door position contacts Electronic Surveillance Electronic Surveillance Cameras, 32 indoor, 22 outdoor Camera's installed, aimed and focused Network cabling, patch panels, UPS & r Supply of camera licenses T Supply and installation of servers Electronic Detection and Alarm T Fire Detection and Alarm T Fire Detection and Alarm Lime Soil Stabilization T Lime Stabilization	1.00 perimeter, doors, 1.00 ent 1.00 s 1.00 s 1.00 54.00 by contractor 1.00 acks	ls Is Is Is ea	\$34,510.20	See price options list for deduct of Access Control Sys \$10,689 \$10,689 Included Included Included S34,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S44,510 S10,689 S44,510 S10,689 S10,68	\$34,51( \$( \$( \$96,162 \$( \$( \$( \$( \$( \$( \$( \$( \$( \$( \$( \$( \$(



			De		stimate and Budget Control Docu Bid Package #2 - GMP	iment	
	Item #	Description	Quantity		Total Unit	Notes / Comments / Clarifications	Total
2 12 16	3	Asphalt Paving - 6.5" full depth	1395.00	sy		Included	
	4	Scarify 12" & recompact, fine grade	2814.00	sy		Included	
	5	Herbicide treatment	2814.00	sy		Included	
		11" ROW Patch	261.00	sy		Included	
		Utility patching - 11" Full depth				W/ Utilities	
	8	Minor subgrade corrections prior to paving 2%	0.02	%	\$100,319.14		\$
	9	Clean parking lot prior to turn over	2814.00	sy	\$0.10		
	10	Final adjustment to water/sewer valves in asphalt	4.00	ea	\$150.00		
	11	Traffic control for paving	2.00	wk	\$1,700.00		\$
2 12 16 Total	12	MWBE Participation				Refer to MWBE worksheet \$106,607	
						\$100,007	
2 13 13	Concrete Pa		1.00	sub	\$610,331.68		\$61
	2	Employee concrete parking lot (6") - labor	9089.00	sf		Included	
	3	Employee concrete parking lot (6")- material	185.15	су		Included	
		Sawcut control joints	1731.24	lf		Included	
		ROW Sidewalks (6") - labor	14064.00	sf		Included	
		ROW Sidewalks (6") - material	286.49	су		Included	
	7	Plaza pavement (6") - labor	26118.00	sf		Included	
	8		532.03	су		Included	
	9	Fibermesh for (6") paving	1003.67	су		Included	
		Additives for site concrete	1003.67	су		Included	
	10	CIP site ramp slab 8" labor	1314.00	sf		Included	
		CIP site stair treads labor	338.00	lf		Included	
	12	Concrete Material	61.66			Included	
	13	CIP stair reinforcement	7.71	Cy tonc		Included	
		Curb & gutter (2' Pan) - labor	2240.00	tons If		Included	
		Curb & gutter (2' Pan) - material	136.89	су		Included	
		Clean backfill dirt off of the curb and gutter	2240.00	lf		Included	
		Parking lot valley pans (2' width) - labor	201.50	lf		Included	
		Parking lot valley pans (2' width) - material	11.00	су		Included	
		6" concrete curb at landscape areas - labor	1612.00	lf		Included	
	21	6" concrete curb at landscape areas - material	49.26	су		Included	
	22	6" concrete curb rebar - material	1.08	tons		Included	
	23	51	183.00	lf		Included	
	24	12" mow band - material	7.78	су		Included	
	25	10" thk concrete site walls & ftgs at rain garden areas	1.00	ls		Included	
	26	Concrete Material	214.50	су		Included	
	27	Reinforcing steel material for rain gardens	26.81	tons		Included	
	28	French drain at retaining wall				Not Included	
	29	Handicap Ramps (6") - labor	7.00	ea		Included	
	30	Handicap Ramps (6") - colored material	7.00	су		Included	
	31	Sidewalk chase/drain channel/trench drain - labor	115.00	lf		Included	
	32	Sidewalk chase/drain channel/trench drain - material	8.00	су		Included	
	33	Light pole bases - labor & material	6.00	ea		Included	
	34	Rebar for site flatwork - labor	6.00	tn		Included	
	35	Rebar for site flatwork - material	2.00	tn		Included	
	36	Curing compound, exp. jts mtl., accessories	51511.00	sf		Included	
		0 I I J	5474.56	sy		Included	
			954.82	cy		Included	
		Trash/Utility - ftgs & stem wall (A750)	125.00	lf		Included	
		Trash/Util - Conc Pad - 6"th	465.00	sf		Included	
		Concrete material for trash/util enclosure	56.40	Cy		Included	
	41	Reinforcing steel material for trash/util enclosure	7.05	tons		Included	
				10113		Included	
			654.00	sf	\$2.25	included	
		Stamped concrete	007.00	اد	φζ.ζυ	Not Anticipated at this time	
		Stamped concrete (4") - colored material				Not Anticipated at this time	
		MWBE Participation				Refer to MWBE Projections	
13 13 Total	47					\$611,803	
17 23	Pavement N	larkings					
-		Pavement Markings	1.00	sub	\$5,057.08		
	2	Parking stalls	124.00	ea		Included	
		Handicap symbols	4.00	ea		Included	
		No Parking striping	1180.00	sf		Included	
		Cross walks	1920.00	sf		Included	
		Grind off striping at Joshepine street and epoxy paint new line		ls	\$5,000.00	morecou	
		Traffic control for striping	1.00	ls	\$5,000.00	Included	
17 23 Total						\$10,057	
31 00	Fences and	Gates Fences and Gates	1.00	dua	\$51,007.00		¢
		4' ornamental fence, Omega Elite or similar, around dog park		sub	00.100,1C¢	Included	\$
		4 ornamental fence, Omega Elite or similar, around dog park 4' black vinyl chainlink fence at east high school parking lot	451.00 155.00	lf lf		Included	
			100 00	if.			
		6' black vinyl chainlink fence at east high school parking lot	37.00	lf		Included	



				В	id Package #2 - GMP			
	Item # Description		Quantity	Unit	Total Unit	Notes / Comments / Clarifi	cations	Total Cost
32 31 00	6 Garden fence at north	property line	93.00	lf			ncluded	\$0
	7 Fencing at table tennis	area				Not Included - See Al	iernates	\$0
	8 MWBE Participation					Refer to MWBE wo	orksheet	
32 31 00 Tota	l · · · · ·						\$51,953	
32 32 00	Retaining Walls							
	<ol> <li>Retaining Walls - Block</li> </ol>	< with cap						\$0
32 32 00 Tota	I						\$0	
32 90 00	Planting							
32 70 00	1 Planting and Irrigation		1.00	sub	\$324,965.00			\$324,965
	2 Topsoil		1.00	SUD	\$324,703.00	With Fa	arthwork	\$324,903
	3 Sleeving for irrigation 4	0	482.00	lf			ncluded	\$0
	4 Deciduous and evergre		2078.00	ea			ncluded	\$(
	5 Deciduous and evergit		61.00	ea			ncluded	ېر ۱۵
	6 Crusher fines at parkin		1026.00	sf			ncluded	)¢ ()
	7 Boulders	g lot lice planters	1020.00	ea			ncluded	\$0 \$0 \$0
	8 Protect existing trees		4.00	ea	\$50.00	1	liciuueu	\$200
		plugs @ water quality porous la		ed	\$30.00			\$200
	9 areas	piugs @ water quality porous la	6056.00	sf			ncluded	\$0
	10 Irrigated sod - north tre	o lawn and nlaza	3532.00	sf			ncluded	\$0
	11 2 year warranty and ma		1.00	ls			ncluded	\$(
	12 Traffic control	antenance on plantings	1.00	ls	\$1,000.00	•	leidded	\$1,000
	13 Site south and east hig	h school amenities	1.00	13	\$1,000.00	Not Included - See Al	ternates	\$1,000
	14 MWBE Participation					Refer to MWBE wo		ψ
32 90 00 Tota							\$326,165	
32 15 40	Crushed Stone Surfacing							
	<ol> <li>Infield mix at dog park,</li> </ol>	4" thk				With Land		\$0
32 15 40 Tota	1						\$0	
32 Total							\$1,106,585	
25								
25 00 00	Integrated Automation 1 Temperature Controls							\$0
25 00 00 Tota		W/ HVAC ADOVE					\$0	\$0
23 00 00 1014							ΨU	
25 Total							\$0	
L								
Grand	Total							\$19,507,535



Sullivan Gateway 90CD GMP Estimate Clarifications and Assumptions

### SUMMARY OF WORK

- This GMP estimate for the Sullivan Gateway Phase 1 project will include the replacement of the east and west fountains, rehabilitation of the terra-cotta wall adjacent to the fountains, mechanical and electrical work for operating fountains limited to the design in the 90CD drawings dated 8/14/2015. It is anticipated that work will start in January of 2016 with construction starting in April of 2016, and work will be completed in August of 2016.
- This estimate is based on the drawings and specifications dated 8/14/2015.

### **CLARIFICATIONS AND ASSUMPTIONS**

#### **GENERAL CLARIFICATIONS**

• (2) separate contingencies have been included in the estimate:

- Bidding Contingency - 2% - This contingency is included to cover estimating innaccuracies. It is anticipated that this contingency will be reduced to 0% at the time signed subcontract agreements are returned by the subcontractors to AP Mountain States, LLC for the scope of work.

- Construction Contingency – Defined in the contract.

- This is an estimate for the cost of construction, no land fees, architectural or engineering fees, legal fees, land development fees, tap fees, etc. have been included.
- Sales tax of 3.65% is included for the City's consumer use sales tax.
- Prevailing wage rates are included per the City's requirements. We assume the same wage rates used for the Central Denver Recreation Center project apply.
- It is assumed all work will be completed during a standard 40-hour work week. No allowance for overtime or off-hours work has been included.
- Right-of-Way Permit or Closure fees are not included. The City's represented informed AP that these fees will not be required. AP and subcontractors anticipate applying for ROW permits and closures, however associated fees are not included.

SITE WORK



### **Sullivan Gateway**

90CD GMP Estimate

Clarifications and Assumptions

- The GMP estimate includes trenching for underground conduits and piping. We anticipate cutting, removing and replacing existing landscaping, site concrete and asphalt. Directional boring may be an additional cost.
- The multi-flow drain, grading and drainage, irrigation repairs, irrigation and planting (other than patching) is not included in Phase 1. We anticipate this work as part of future phases.
- Relocation of irrigation sprinklers and sta-lok paving is included directly adjacent to the east and west fountains in phase 1 only.
- Maintenance of irrigation and landscaping is not included in Phase 1. The only landscaping we anticipate is replacement of sod as needed for excavations and trenches.
- GMP Estimate includes 32 hrs of cleaning and pruning around east and west fountains. Removal of grass and trimming trees, shrubs, weeds or plantings along the entire project is not included. The estimate includes removal of grass for excavation and trenching required as part of Phase 1 only.

## TERRA COTTA / WALL REHABILITATION

- Rehabilitation of terra cotta or masonry walls other than walls directly adjacent to the east and west fountains are not included as part of Phase 1.
- Water repellents and graffiti control coatings are not included as part of Phase 1. We anticipate these coatings to affect the appearance of the terra-cotta, masonry and concrete and anticipate that the City prefers the coating applied to all portions of the walls at completion of the entire project Phase 1, 2, & 3.

# ITEMS BY OTHERS

- All independent testing and inspections, including commissioning.
- All tap fees associated with utilities will be paid for by the owner (water, electric, gas).
- Costs of water usage by the fountains for fountain related work will be paid directly to by the Owner to the utility company.
- Any expenses associated with dry utilities and getting them to the site (cable, fiber, power and gas).
- Removal of hazardous materials, including asbestos and lead abatement.
- All moving costs.
- All artwork purchasing, moving, and installation.
- Land Costs
- Legal Fees
- Architectural and Engineering Fees
- Geotechnical Investigation and Engineering Fees
- Owner contingency

Adol & Per Cons	terson			
Cons	struction			
/entura Street, /	Aurora, CO 80011			
Proiect:	Sullivan Gateway		Date:	01/07/16
	City & County of Denver		Estimator:	
	Anderson Hallas Architects. PC		Project SF:	
, a childred.		Durati	on in Months:	8.00
		PH1		: 90CD GMP Estir
	Project Summary Sheet - Estimated Cost	of the Work		
		Phase One		
Division #0	Progurament and Contracting Requirements	¢165 594	40.70/	of Direct Conto
Division #0	Procurement and Contracting Requirements	\$165,584 \$6,656		6 of Direct Costs
	General Requirements	. ,		6 of Direct Costs
Division #2	Existing Conditions	\$3,530 \$14 541		6 of Direct Costs
Division #3	Concrete	\$14,541		6 of Direct Costs
Division #4	Masonry	\$288,432		6 of Direct Costs
Division #5	Metals	\$0		6 of Direct Costs
Division #6	Wood, Plastics, and Composites	\$0		6 of Direct Costs
Division #7	Thermal and Moisture Protection	\$31,063		6 of Direct Costs
Division #8	Openings	\$0	0.0%	6 of Direct Costs
Division #9	Finishes	\$0	0.0%	6 of Direct Costs
Division #10	Specialties	\$0	0.0%	6 of Direct Costs
Division #11	Equipment	\$0	0.0%	6 of Direct Costs
Division #12	Furnishings	\$0	0.0%	6 of Direct Costs
Division #13	Special Construction	\$0	0.0%	6 of Direct Costs
Division #14	Conveying Equipment	\$0	0.0%	6 of Direct Costs
Division #21	Fire Suppression	\$0	0.0%	6 of Direct Costs
Division #22	Plumbing	\$206,160	7.9%	6 of Direct Costs
Division #23	Heating, Ventilating and Air Conditioning	\$0	0.0%	6 of Direct Costs
Division #25	Integrated Automation	\$0	0.0%	6 of Direct Costs
Division #26	Electrical	\$44,600	2.1%	6 of Direct Costs
Division #27	Communications	\$0		6 of Direct Costs
Division #28	Electonic Safety and Security	\$0		6 of Direct Costs
Division #31	Earthwork	\$30,524		6 of Direct Costs
Division #32	Exterior Improvements	\$20,756		6 of Direct Costs
Division #33	Utilities	\$0		6 of Direct Costs
	Subtotal	\$811,846	1	6 of Direct Cost
	Utility Tap & Development Fees	By Owner		
	Permit Allowance	By Owner	0.00%	6 of Project
	Use Tax	N/A	0.00%	6 of Project
	Bidding Contingency	\$16,237	2.00%	6 of Subtotal
	Escalation Allowance	Not Included	2.00%	6 of Subtotal
	Construction Contingency	\$16,562		6 of Subtotal
	Builders Risk Insurance	\$2,365		
	Comprehensive General Liability Insurance	\$9,148		
	Performance, Labor & Material Bond	\$6,678		
	General Contractors Fee	\$53,064		
	Preconstruction Services	÷=0,001		
	Estimated Cost of Construction			
	90CD GMP Estimate	\$915,900		
	Altownsteen			
	Alternates: Alternate #1 Phase 1 Flashing Detail	3,051		



Sullivan Gateway
Detailed Cost Estimate and Budget Control Document

	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total (
ivision 0 - G			quantity	onte			
) 72 00		al Conditions					
	PH1						
	1	General conditions of the contract - Phase 1	8.00	mth	\$20,698.00		\$165
	ALL						
0 72 00 Total	4	Public services and development fees				Not Included - See Summary \$165,584	
	10 11						
vision 0 - Gene						\$165,584	
	General Re	equirements					
1 14 00	Work Rest	rictions					
	ALL 1	Off-hours work				Not Included	
	2	Site access requirements - offsite staging				Not Included	
01 14 00 Total						\$0	
01 33 00	Submittals	3					
	ALL						
	1	Delivery costs / messenger services				w/ GC's	
01 33 00 Total	2	Reproduction costs				w/ GC's \$0	
						ψU	
01 45 00	Quality Co ALL	ntrol					
	ALL 1	Independent testing				By Owner	
	2	Soil compaction tests				By Owner	
	3	Concrete tests				By Owner	
01 45 00 Total	4	Steel weld test / inspections				By Owner <b>\$0</b>	
	Ŧ	- F104					
01 51 00	Temporary PH1	y Facilities					
	6	Temporary electricity	5.00	mth	\$250.00		\$
	8	Temporary water	5.00	mth	\$150.00		
	9	Dumpsters - Phase 1	8.00	ea	\$450.00		\$3
	ALL	Uninte					
	1	Hoists Const. aids and misc. services				w/ GC's	
	3	Barricades and warning lights				W/ GC3	
	4	Environmental protection				By Trade / Division	
	5	Additional A&P cost if commissioning				By Owner	
04 54 00 Tatal	7	Temporary lighting				By Trade / Division	
01 51 00 Total						\$5,600	
01 74 00	Cleaning PH1						
	3	Cleaning and pruning around walls	32.00	hrs	\$33.00		\$1
-	ALL						
	1	Final clean site				With GC's	
01 74 00 Total	2	Final clean building				With GC's \$1,056	
01 54 00	Constructi	ion Aido					
01 34 00	ALL	ion Alds					
	1	Temporary hoists				By Trade	
	2	Temporary cranes				By Trade	
01 54 00 Total	3	Temporary scaffolding and platforms				By Trade <b>\$0</b>	
ivision 01 - Gen	ieral Requirem	ients i otal				\$6,656	
ivision 2 - E		nditions					
02 21 00	Surveys						
	PH1	Surveying - Phase 1	1.00	le .			
	1	Surveying - Phase 1 Staking for fountain concrete work	1.00 2.00	ls ea	\$260.00		
	3	Staking for vaults	2.00	ea ea	\$130.00		
	4	Layout of demolition area	20.00	hrs	\$65.00		\$
	5	Layout for underground conduit and piping for trenching	10.00	hrs	\$65.00		
	5	Total Station Rental	1.00	mth	\$800.00		
	6		1.00	man		A	
02 21 00 Total			1.00	mu		\$3,530	
2 21 00 Total vision 2 - Exist	6		1.00			\$3,530 \$3,530	

Included

Included

Included

Included Included

Included

Included

\$288,432



### Sullivan Gateway

Detailed Cost Estimate and Budget Control Document

	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total Cos
03 30 00	Cast-In-Pla	ce Concrete					
	PH1						
	1	Phase 1:				Phase 1	5
	2	Form, Pour and Finish	1.00	sub	\$5,125.00		\$5,12
	3	Fountain Concrete (per detail 5/A1.2)	2.00	ea		Included	
	4	New footing adjacent to existing wall	5.75	су		Included	
	5	New mat and slab	2.30	су		Included	Ş
	6	New mat footing at south end of fountain	4.60	су		Included	
	7	Concrete material	12.65	су	\$131.12		\$1,6
	8	Concrete additives, shortload fees, etc.	12.65	су	\$12.00		\$1
	9	Pumping	2.00	days	\$1,800.00		\$3,6
	10	Rebar reinforcement - Material	1.27	tons	\$1,111.65		\$1,4
	11	Rebar reinforcement - Labor	1.27	tons		Included	
	12	WWF	391.50	sf	\$0.48		\$1
	13	Continuous waterstop gaskets	70.00	lf	\$10.00		\$7
	14	#4 x 2'-0" Dwoels w/ Epoxy Adhesive	26.00	ea	\$60.00		\$1,5
	15	Aggregate sub-base				Included w/ Earthwork	
	16	Prepared sub-base				Included w/ Earthwork	
		Misc. concrete accessories (cure, expansion joints, etc.)	12.65	су	\$12.00		\$1
03 30 00 Total						\$14,541	
ivision 03 - Co	oncrete Total					\$14,541	
Division 04	Maconny						
04 20 00	Unit Masor	1917					
04 20 00	PH1	ny					
	1	Phase 1:				Phase 1	
	2	Restore terra cotta walls	1.00	sub	\$241,337.28	1114001	\$241,3
	3	Rebuild Fountain Wall Procedure (2 locations east and west)	1.00	ls	\$211,001.20	Included	φ211,0
	4	Clean and remove paint from all terra-cotta surfaces	1.00	13		Not Included	
	<del>_</del>	Tear down and rebuild each fountain/lion section of wall, both	า			Not inoladoa	
	5	sides, replace missing and broken pieces	1.00	ls		Included	
	6	Retore lions, repair chipped and fractured pieces	1.00	ls		Included	
	7	Cut out all mortar joints	1.00	ls		Included	
	1	Remove all remaining wall caps and column cap pieces,	1.00	10		monaddu	
	8	replace missing pieces with new and reinstall caps	1.00	ls		Included	
	9	Refinish/patch surface spalls and chips	1.00	ls		Included	
	0	Po glazo surface pieces that are notabed or missing their				noidada	

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Division 04 - M	asonry Total			
	-			 
Division 7	Thormolon	d Moisture Prot	action	
DIVISION / -	Inerniai and	i moisture Prot	ection	
07 60 00	Flashing 8	& Sheet Metal		
	PH1			
	1	Phase 1:		 
	0	Sub Election Oue	nto	

Re-glaze surface pieces that are patched or missing their

Include 30% of wall typical including resetting and repointing

Assume 10% of anchors to be replaced with new stainless

Include select brick/joint removal and repair to allow install

Additional cap pieces that are not included in the 90% drawings. Coping pier caps, center piece wall caps, bracket

10

11

12

13

14

15 steel

16

17 caps

existing glaze

of new anchors

Re-point the wall solid

Repair brick substrate wall

top 3 courses and top where wall widens

Salvage existing anchors for reuse

	PH1						
	1	Phase 1:	-			See Pricing Options Sheet	\$0
	2	Sub Flashing Quote	-			See Pricing Options Sheet	\$0
	3	Alternate 1 (per detail 5/A1.4)				See Pricing Options Sheet	\$0
07 60 00 Total						\$0	
07 19 16	Water Pen	ellent Coating					
0/ 10/10	PH1	enent ooating					
	1	Phase 1:					\$0
		Silcone elastomer applied to all terra cotta and synthetic terr	ra				
	2	cotta exposed concrete foundation (fountain)	2144.00	sf/allow	\$1.75		\$3,752
07 19 16 Total						\$3,752	
07 92 13	Caulking 8	& Sealants					
	PH1						
	1	Phase 1:				Included w/ Terra Cotta Scope	\$0
	2	Exterior sealants				Included w/ Terra Cotta Scope	\$0
	3	Joint fillers				Included w/ Terra Cotta Scope	\$0
	4	Bond breaker tape				Included w/ Terra Cotta Scope	\$0
07 92 13 Total						\$0	

\$0

\$0 \$0

\$0 \$0

\$0

\$0

\$47,095



Sullivan Gateway
Detailed Cost Estimate and Budget Control Document

			De		stimate and Budget Control Docu	ment	
	Item #	Description	Quantity	Unit	Total Unit	Notes / Comments / Clarifications	Total C
07 14 00		ied Waterproofing					
	PH1						
	1	Phase 1:					
	2	Sub Waterproofing Quote Cold fluid applied waterproofing at (2) new vault locations	1.00	le	\$5,263.20		\$5
07 14 00 Total	3	Cold huid applied waterproofing at (2) new valit locations	1.00	ls	\$3,203.2U	\$5,263	\$0.
J/ 14 00 10tai						ş0,203	
07 52 00	High Stren	gth Stucco with Waterproof Coating					
	PH1	g •					
	1	Phase 1:					
	2	Sub Fountain Waterproofing Quote	1.00	sub	\$22,047.30		\$22,
	3	Stucco at new fountain (west)	1.00	ea		Included	
	4	Stucco at new fountain (east)	1.00	ea		Included	
07 52 00 Total						\$22,047	
ivision 7 - Therm	nal and Moist	ure Protection Total				\$31,063	
ivision 22 - F	Plumbing						
22 00 00	Plumbing						
	PH1						
	1	Phase 1:				Phase 1	
	2	Plumbing	1.00	sub	\$205,260.00		\$205,
	3	Excavation for vaults and piping	1.00	ls		Included	
	4	Boring under street	1.00	ls		Included	
		120" x 120" x 96" Concrete vault below grade w/ 36" x 36"					
	5	locking steel access cover	2.00	ea		Included	
	6	Equipment typical of both vaults	1.00	ea		Included	
	7	Circulating pump	2.00	ea		Included	
	8	Filter pump	2.00	ea		Included	
	9	Water holding tank	2.00	ea		Included	
	10	Water level controller system	2.00	ea		Included	
	11	Balancing valve	2.00	ea		Included	
	12	Pressure reducing valve	2.00	ea		Included	
	13	Solenoid valve	2.00	ea		Included	
	14	Drain valve	2.00	ea		Included	
	15 16	Sump pump Floor mounted pipe support	2.00	ea		Included Included	
	10	3/4" copper CW type k pipe	1.00	ls Is		Included	
	17	Pipe insulation	1.00	ls		Included	
	10	Hangers and supports	1.00	ls		Included	
	20	Piping identification	1.00	ls		Included	
	20	Filters and feeders	1.00	ls		Included	
	22	Vent through the roof	1.00	ls		Included	
	23	Cleanouts	1.00	ls		Included	
	24	Pressure gauges	1.00	ls		Included	
	25	Access panel on backside of west fountain	1.00	ls		Included	
	26	Access panel on backside of east fountain	1.00	ls		Included	
	27	Concrete housekeeping pads	150.00	sf	\$6.00		(
	28	Test & Balance	1.00	ls		Included	
	29	Mechanical permits and fees	1.00	ls		Included	
22 00 00 Total						\$206,160	
ivision 22 - Plum	bing Total					\$206,160	
	-						
ivsision 23 -	HVAC						
23 00 00		entilating and Air Conditioning					
	PH1	- V					
	1	Phase 1:				Included in Plumbing Quote	
	2	Mechanical				Included in Plumbing Quote	
	3	(2) Electrical unit heater (in vaults)				Included in Plumbing Quote	
	4	(2) Ventilation fan (in vaults)				Included in Plumbing Quote	
23 00 00 Total						\$0	
vsision 23 - HVA	AC Total					\$0	
ivision 26 - E	Electrical						
26 00 00	Electrical						
	PH1						
	1	Phase 1:				Phase 1	
	2	Electrical	1.00	sub	\$39,600.20		\$39
	3	Power to West Vault (per E1.0)	1.00	ls		Included	, ee
	5	New electrical panel "A"	1.00	ls		Included	
	4	New electrical parter A					
		New Xcel meter	1.00	ls		Included	
	4	New Xcel meter New main disconnect switch	1.00 1.00			Included	
	4 5	New Xcel meter New main disconnect switch New fixture type "A" (see fixture schedule)	1.00	ls		Included Included	
	4 5 6	New Xcel meter New main disconnect switch	1.00 1.00	ls Is		Included	



Sullivan Gateway
Detailed Cost Estimate and Budget Control Document

80 0         10         New funt space X (spice funt scale (spice	26 00 00		Description	Quantity	Linit	Total Unit	Notes / Comments / Clarifications	Total (
1     Cond (resping set add of 24 100 - 200)     100     s     Nature 100       1     The major specify charge (resping to 200)     100     s     S. S								10101
12       Tensor based for undergrapped conduct       100       n       50.00.00       Nutl included       Control         1       Tensor based for the observation       100       n       50.00.00       Nutl included       Control       100       1								
13.     Remonitation (State partial) into origin a line (State Partial)     10.     <								
1         Tengang yook by gifting yook lake type B         Not Mit Guided Couple         Not Mit Guided Couple           ALL         Not Mit Guided Couple         Not Mit Guided Couple         Not Mit Guided Couple           3         Deciver and the State S						\$5,000,00		\$5
10         Immone poor         et CS fre SS           ALL         Immone poor         et CS fre SS           ALL         Immone poor         Immone poor           ALL         Immone poor         Immone poor           ALL         Immone poor         Immone poor         Immone poor           ALL         Immone poor         Immone poor         Immone poor         Immone poor           ALL         Immone poor         Immone poor         Immone poor         Immone poor         Immone poor           ALL         Immone poor         Immone poo				1.00	13	ψ0,000.00	Not Included - City removed from Phase 1	ψt
ALL         Softward         Number of the second se								
1         Per limit         Mutual           30 Table         14400           30 Table         54400           30 Table         54500           90 Earthwork         Ferroix of Constraints of Stothermallow of Particles           1         7         545000         r/r         100 at a 516,262,26         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Stothermallow of Particles         100 at a 516,262,76         Ferroix of Constraints of Particles         Ferroix of Constraints of Partix of Particles         Ferroix of Constraints								
No Paral       44.400         Sin 37 - Received Total       44.000         Sin 37 - Received Total       44.000         Sin 37 - Received Total       900 *         1       Pano 1:       7000 *         2       Sin Earthwork & Sin Deracition       100 *       en         3       Receive anding well and east concelle for formation       200 *       Pinot 1:         4       Receive anding well and east concelle for formation       200 *       en       Total conceller         4       Receive and forward and east conceller for formation       200 *       en       Total conceller       Sin 1000000000000000000000000000000000000			Flec Permits				Included	
Part - Excised Tead       Part	6 00 00 Total	21						
Open interval         Function         Phase i							÷++,000	
Print         - <td>vision 26 - Elec</td> <td>ctrical Total</td> <td></td> <td></td> <td></td> <td></td> <td>\$44,600</td> <td></td>	vision 26 - Elec	ctrical Total					\$44,600	
Print         - <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1							
1     Phase 1:     Phase 1: <td>31 00 00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	31 00 00							
2             Sub Extravor. 8 Sile Demolon		PH1						
<ul> <li>Renove and dispose existing of the functions and valued \$0000 of of the functions and dispose existing and functions and dispose existing and functions and dispose existing and functions and valued \$0000 of of the functions and valued \$0000 of of the functions and dispose existing and functions \$0000 of of the functions and dispose existing and function</li></ul>							Phase 1	
4       Revoe and dispose asing sop for fourthes and values       4000.00       at       Included         5       Stop tops 00 nove and shockyle       30.00       q       Included         6       Inspringer       30.00       q       Included         7       Studard are available of the stop 00       30.00       q       Included         8       Respect onlive top 00       30.00       q       Included         9       Finite granity onlive onlive available onlive		2			sub	\$16,282.26		\$16
i     Simple Signal School on onles School of Manual School of Ma		3			ea			
6         montplace aggregate subless at functions         30.00         or         Included           7         Structure reaces abbaddie for contrains         38.00         or         Included           8         Respond noise topolog subjects         Not included         Included           9         Finitely adding to 1-01 of subjects         Not included         Included           10         Included         Not included         Not included           11         Included         Not included         Not included           12         Included         Not included         Not included           13         Hord or accountion         10.00         rn         Stoto           14         Protection diregout and regions         Stoto         Stoto         Stoto           14         Protection diregout and regions         Stoto         Stoto         Stoto           150         Decoder         Stoto         Stoto         Stoto         Stoto           14         Protection diregout and regions         10.00         rn         Stoto         Stoto           161         Protection diregout and regions         10.00         in         Stoto         Stoto           17         Respontinstregout and region and region <td></td> <td>4</td> <td></td> <td></td> <td>sf</td> <td></td> <td></td> <td></td>		4			sf			
		5	Strip topsoil to on-site stockpile	38.00	су		Included	
-7         Structurel excession/basin for fourtaines         90.00         or         Included           -8         Respond who begod         450.00         or         Included           -9         Finitely grading to +1.01 of struggrade         400.00.00         of         Included           -         Remove and dispose concretine movement and farea with         -         Net included           -         Remove and dispose concretine movement and farea with         -         Net included           -         Remove and dispose concretine movement and farea with         -         Net included           -         Remove and dispose concretine movement and farea with         -         Net included           -         Remove and dispose concretine movement and farea with         -         Net included           -         -         Net included         -         Net included           -         -         -         Net included         -         Net included           -         -         -         -         -         Net included         -           -         -         -         -         -         -         -         -           -         -         -         -         -         -         -	-	6	Import/place aggregate subbase at fountains	30.00			Included	
9         Finish grading to0.10 frologoad         400.00         s'         Included           8         Remove and dispose concrite move and dispose concrit dispose concrit dispose concrite move and dispose		7		30.00			Included	
9         Finish gada go0.1°f a dargado         400.00         s'         Included           10         Insito divect dispect concel mone within         Nat included           11         putning in exot         W Pluning           12         Insiti fier protection francing         W Pluning           13         Insiti fier protection francing         NA           14         Protection of post, and region in as needed         10.00         ins         \$\$0.00           ALL         Utrassilief solutivaciantifications         Excluded         \$\$17,202           25 00         Francin Control         \$\$17,202         \$\$17,202           26 01         Francin Control         \$\$10,000         if<\$\$2,75		8	Respread native topsoil	38.00	су		Included	
Print         Note holdsdaf and finese within         Note holdsdaf           Remove and dispose sating asphilt, cut & gutter for CW         with Plumbing         Note holdsdaf           12         Install free protection ferring         Note         Note           13         Hand accounted in space and regioned in the within         1000         hrs         \$\$50.00           14         Protection of layout and regioned in seriede         1000         hrs         \$\$50.00           14         Protection of layout and regioned in seriede         1000         hrs         \$\$50.00           15         Hand accounted in space and regioned in the seried         1000         hrs         \$\$50.00           15         Hand accounted in space and regioned in the seried         1000         hrs         \$\$50.00           160         Territoria         Protection of layout and regioned in seried         1000         hrs         \$\$275           161         Prote hold ferritoria         1000         in         \$\$1,500.00         Cleaned doorn vashould           17         Rodd Absolgraved 1 compande S taging area 9' doop         with Central Deriver Rec project         with Central Deriver Rec project           18         Steff concer and seles         \$\$1,500.00         Cleaned doorn vashoud           19         <		9	Finish grading to +/- 0.1' of subgrade	4000.00			Included	
10       Initial device       Not heldedid         11       Periodical dispose sating asphalt, cut 8 guiller for CW       WP lumbing         13       Inda dispose tasking asphalt, cut 8 guiller for CW       NA         13       Inda dispose tasking asphalt, cut 8 guiller for CW       NA         14       Protection of local and region taskeded       10.00       iva       \$\$0.00         14       Protection of local and region taskeded       10.00       iva       \$\$0.00         15       Inda dispose tasking asphalt, cut 8 guiller for CW       State       State         16       Protection of local and region taskeded       10.00       iva       \$\$0.00         16       Undast for cutorina and region taskeded       10.00       iva       \$\$1.00         17       Phene 1								
Inducting large water         Weinback         With and weind		10					Not Included	
Inducting large water         Weinback         With and weind			Remove and dispose existing asphalt, curb & gutter for CW					
13. Hard eccavition         10.00         hrs         \$50.00           ALL         \$17,282         \$17,282           D000 Total         Foreion Control         \$17,282           25.00         Erosion Control         \$17,282           1         Phase 1:         \$10.00         \$17,282           3         Stiff force around Stife         \$20.00         \$12.75           4         Stife force around Stife         \$20.00         \$15.00,00           5         Intel filters         \$10.00         \$15.00,00           6         Correte Inck washout, methaware, clean on         \$10.00         \$15.00,00           6         Street decamps as needid         \$2.00         \$15.00,00           7         Road baseligneed stormwater management permit (Good for 1 year)         \$10.0         \$15.00,00           10         Ergineerd stormwater management engineering         \$1.00         \$13.50,000     <		11	plumbing line work				w/ Plumbing	
13         Hard escavition         10.00         ns         \$50.00           ALL         0000         ns         \$50.00         ns         \$50.00           ALL         Excluded         Str.222           0000 Tetal         Excluded         \$17.282           0000 Tetal         State frame scrupp (see range)         \$17.282           1         Phase 1:         \$17.282           2         Vehicle tracking pad         \$17.282           1         Phase 1:         \$17.282           2         Vehicle tracking pad         \$17.282           3         Stite frame around site         \$27.5           4         Stite frame around site         \$10.00         \$15.00.00           5         New Here Streppinger are Strep		12	Install tree protection fencing				N/Ă	
14         Probability of layout and region? is needed         10.00         hrs         \$50.00           AU         Modessified solis/excavations         Excluded           0000 Total         Excluded         \$17,282           25 00         Excluded         \$17,282           PH1         Phase 1:         w// Central Deriver Rec project           3         Sift kines a stochale topool         m// S2.75           4.1         Statistical a stochale topool         m// S2.75           5         Intel filters         1.00         is \$1,000.00         Cleanout of once washout           6         Concrete truck washout, maintenance, clean-up         1.00         is \$1,000.00         Cleanout of once washout           7         Road base/gave at a compound a staging range "deep         w// Central Deriver Rec project         \$30.000           9         Maintain eresion control during proj         133.56         tra         \$51.00           10         Is Street deriver management permit (Good for 1 year)         1.00         is \$1,500.00         \$13.942           260 Tetal         Street deriver management engineering         1.00         is \$1,500.00         \$13.942           260 Tetal         Gate with Division 5         Street deriver management enginering         1.00         street		13		10.00	hrs	\$50.00		
40         Undessified solis/lexcevations         Excluded           000 Total         \$17,202         \$17,202           25 00         Forsion Control         \$17,202           PH1         1         Plass 1:         will centrol panel         \$17,202           2         Vahick tracking pad         will centrol panel         \$100         if strack and pale tracking pad         will centrol panel           3         Sift frace a strackipied topsol         100         if strack and pale topsol         \$100,00           5         Inite filters         100         is \$1,000,00         Cleanul of conc washoul           6         Concrete truck washoul, maintenance, clean-up         100         is \$1,000,00         Cleanul of conc washoul           7         Road baseigrave at compound & staging area & Geep         will central Deriver Rec project         \$1,000,00           8         Street Central stramesterm and geneent empilic (Good for 1 year)         100         is \$1,500,00         \$13,242           10         Engineered stormwater management empilic (Good for 1 year)         100         is \$1,500,00         \$13,242           2100         Forces and Gates         \$1,000         s         \$1,000         \$100           2100         Forces and Gates         \$1,000         s			Protection of layout and replcm't as needed					
40         Undessified solis/lexcevations         Excluded           000 Total         \$17,202         \$17,202           25 00         Forsion Control         \$17,202           PH1         1         Plass 1:         will centrol panel         \$17,202           2         Vahick tracking pad         will centrol panel         \$100         if strack and pale tracking pad         will centrol panel           3         Sift frace a strackipied topsol         100         if strack and pale topsol         \$100,00           5         Inite filters         100         is \$1,000,00         Cleanul of conc washoul           6         Concrete truck washoul, maintenance, clean-up         100         is \$1,000,00         Cleanul of conc washoul           7         Road baseigrave at compound & staging area & Geep         will central Deriver Rec project         \$1,000,00           8         Street Central stramesterm and geneent empilic (Good for 1 year)         100         is \$1,500,00         \$13,242           10         Engineered stormwater management empilic (Good for 1 year)         100         is \$1,500,00         \$13,242           2100         Forces and Gates         \$1,000         s         \$1,000         \$100           2100         Forces and Gates         \$1,000         s		ALL						
80 00 Total       \$17,382         25 00       Foreion Control         1       Phase 1:         2       Vehicle tracking pad         3       Stiffence around site         4       Stiffence around site         5       Stiffence around site         6       Concrete track wild pad         7       Read basely gravet around site in the manage, clean-up in the site in the site site site site site site site sit			Unclassified soils/excavations				Excluded	
3       Sili fence around's sile       200.00       #       \$275         4       Sili fence ar stockpiled topsoil       100.00       #       \$275         5       Iniet filters       100.00       #       \$275         6       Concrete truck vashout, maintenance, clean-up       1.00       is       \$1,00.00         7       Rod base/grave al compound & staging area 6" deep       wl Central Deriver Rec project         8       Street cleaning as needed       2.00       days       \$300.00         9       Maintain erosion control during proj       138.56       hre       \$51.00         10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$10.00         25 00 Total       \$30,524       \$30,524         31 00       Fences and Gates       \$30.524         31 00       Fences and Gates       \$30.524         31 00       Fences and Gates       \$30.524         90 00       Planting       \$1       Plantence         91 1       Phase 1:       \$1       S0         92 700 1       S0       \$10         93 1       Maint		1						
4       Silf fence at stockpiled topsoil       100.00       #       \$275         5       Inlet filters       1.00       is       \$1,00.00         6       Concrete truck washout, maintenance, clean-up       1.00       is       \$1,00.00         7       Road base/gravel at compound & staging area 6" deep       w/ Central Deriver Rec project         8       Strete cleaning as needed       2.00       days       \$300.00         9       Maintain erosion control during proj       138.56       hrs       \$51.00         10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$1,500.00         25 00 Total       Stage and the set of the set							w/ Central Denver Rec project	
5       Inter filters       100       is       \$10000         6       Concrete truck washout, maintenance, clean-up       100       is       \$1,500.00       Cleanout of conc washout         7       Rad baseginzevia to compound & staging area 6° deep								
6       Concrete truck washout, maintenance, clean-up       1.00       is       \$1,500.00       Cleanout of core washout         7       Road base/gravel at compound & staging area 6" dep       w/ Central Deriver Rec project       w/ Central Deriver Rec project         8       Stret cleaning as needed       2.00       days       \$300.00         9       Maintain erosion control during proj       138.56       hrs       \$51.00         10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$15.00.00         25 00 Total       \$13,242       \$30,524       \$30,524         3100       Fences and Gates       \$30       \$30         ALL       1       Gate with Division 5       \$30         31 00 Total       \$30       \$30       \$30         PH1       1       Phase 1:       \$30         2       Resod areas of disturbance       \$604.00       \$f         31       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping         1       Phase 1:       area only       1.00       allow       \$5,000.00         Stale ledging								-
7       Road base/gravel at compound & staging area 6° deep       w/ Central Deriver Rec project         8       Street cleaning as needed       2.00       days       \$300.00         9       Maintain erosion control during proj       138.56       hrs       \$51.00         10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$15,00.00         25 00 Total       513,242       \$13,242         Staf         Staf <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>-</b></td> <td>\$</td>							<b>-</b>	\$
8         Street cleaning as needed         2.00         days         \$300.00           9         Maintain erosion control during proj         138.56         hrs         \$51.00           10         Engineered stormwater management permit (Good for 1 year)         1.00         is         \$750.00           11         Engineered stormwater management engineering         1.00         is         \$750.00           25 00 Total         530,524         \$30,524				1.00	ls	\$1,500.00		\$
9       Maintain erosion control during proj       138.56       hrs       \$\$1.00         10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$\$1,500.00         25 00 Total       \$13,242         \$30,524         \$30,052         \$31 00 Total       \$30,052         \$20,056         \$30,05<							w/ Central Denver Rec project	
10       Engineered stormwater management permit (Good for 1 year)       1.00       is       \$750.00         11       Engineered stormwater management engineering       1.00       is       \$1,00.00         25 00 Total       \$30,524       \$30,524         31 00       Fences and Gates       \$30,524         ALL       1       Gate with Division 5       \$0         31 00       Fences and Gates       \$0         ALL       1       Gate with Division 5       \$0         31 00       Fences and Gates       \$0       \$0         PH1       1       Phase 1:       \$0       \$0         2       Resod areas of disturbance       6504.00       sf       \$1.50         3       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping       Inrigation - move sprinkler heads 3 ft away from wall at Phase 1         4       area only       1.00       allow       \$5.000.00       \$5.000.00         State kit (or similar product) paving around terra cotta walls w/       5       steel edging       1.00       allow       \$6,000.00         500 Total       1.00       allow       \$6,000.00       \$20,756			· ·					
11     Engineered stormwater management engineering     1.00     is     \$1,500.00       25 00 Total     \$13,242       stal     \$30,524   31 00       Fences and Gates       ALL     1       1     Gate with Division 5   30 00       Planting       PH1     1   PH1       1     Phase 1:   2       2     Resod areas of disturbance   6504.00       3     Maintenance through final acceptance of Phase 1 Only   City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1   4       4     area only   5 steel edging       1.00     allow   \$5,000.00       \$20,756		9	Maintain erosion control during proj	138.56	hrs	\$51.00		5
11     Engineered stormwater management engineering     1.00     is     \$1,500.00       25 00 Total     \$13,242       stal     \$30,524   31 00       Fences and Gates       ALL     1       1     Gate with Division 5   30 00       Planting       PH1     1   PH1       1     Phase 1:   2       2     Resod areas of disturbance   6504.00       3     Maintenance through final acceptance of Phase 1 Only   City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1   4       4     area only   5 steel edging       1.00     allow   \$5,000.00       \$20,756						A750.00		
25 00 Total     \$13,242       stal     \$30,524       31 00     Fences and Gates       ALL     1       1     Gate with Division 5       31 00 Total     \$0       90 00     Planting       90 00     Planting       1     Phase 1:       2     Resod areas of disturbance       3     Maintenance through final acceptance of Phase 1 Only       1     City to maintain new and existing landscaping       1     Image only       1.00     allow       \$5,000.00       Sta-lok (or similar product) paving around terra cotta walls w/       5     steel edging       1.00     allow       \$6,000.00			<b>o i</b> ( <b>j</b> ,					
stal stal stal stal stal stal stal stal	DE 00 Total	11	Engineered stormwater management engineering	1.00	ls	\$1,500.00	040.045	(
31 00 Fences and Gates         ALL       1       Gate with Division 5         1       Gate with Division 5       50         31 00 Total       50         90 00 Planting         1       Phase 1:       5         2       Resod areas of disturbance       6504.00       sf         3       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping         1       Inigation - move sprinkler heads 3 ft away from wall at Phase 1       4         4       area only       1.00       allow       \$5,000.00         Sta-lok (or similar product) paving around terra cotta walls w/       5       steel edging       1.00       allow       \$6,000.00         \$20,756								
ALL       1       Gate with Division 5         31 00 Total       \$0         90 00       Planting         90 00       PH1         1       Phase 1:         2       Resod areas of disturbance       6504.00 sf         3       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping         1       Irigation - move sprinkler heads 3 ft away from wall at Phase 1       City to maintain new and existing landscaping         4       area only       1.00       allow       \$5,000.00         Sta-lok (or similar product) paving around terra cotta walls w/       5       steel edging       1.00       allow       \$6,000.00         90 00 Total       5       steel edging       1.00       allow       \$6,000.00       \$20,756	otal						\$30,524	
ALL       1       Gate with Division 5         31 00 Total       \$0         90 00       Planting         90 00       PH1         1       Phase 1:         2       Resod areas of disturbance       6504.00 sf         3       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping         1       Irigation - move sprinkler heads 3 ft away from wall at Phase 1       City to maintain new and existing landscaping         4       area only       1.00       allow       \$5,000.00         Sta-lok (or similar product) paving around terra cotta walls w/       5       steel edging       1.00       allow       \$6,000.00         90 00 Total       5       steel edging       1.00       allow       \$6,000.00       \$20,756		_						
1     Gate with Division 5       31 00 Total     \$0       90 00     Planting       PH1     1       1     Phase 1:       2     Resod areas of disturbance     6504.00     sf     \$1.50       3     Maintenance through final acceptance of Phase 1 Only     City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1     City to maintain new and existing landscaping       4     area only     1.00     allow     \$5,000.00       Sta-lok (or similar product) paving around terra cotta walls w/     1.00     allow     \$6,000.00       90 00 Total     \$20,756	31 00		I Gates					
St 00 Total     \$0       90 00     Planting       PH1       1     Phase 1:       2     Resod areas of disturbance     6504.00 sf     \$1.50       3     Maintenance through final acceptance of Phase 1 Only     City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1        4     area only     1.00     allow     \$5,000.00       Sta-lok (or similar product) paving around terra cotta walls w/      \$6,000.00       5     steel edging     1.00     allow     \$6,000.00			Gate with Division 5					
PH1       1     Phase 1:       2     Resod areas of disturbance       3     Maintenance through final acceptance of Phase 1 Only       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1       4     area only       1.00     allow       \$5,000.00       Sta-lok (or similar product) paving around terra cotta walls w/       5     steel edging       1.00     allow       \$6,000.00	31.00 Total	•					\$0	
PH1         1       Phase 1:         2       Resod areas of disturbance       6504.00 sf       \$1.50         3       Maintenance through final acceptance of Phase 1 Only       City to maintain new and existing landscaping         Irrigation - move sprinkler heads 3 ft away from wall at Phase 1         4       area only       1.00       allow       \$5,000.00         Sta-lok (or similar product) paving around terra cotta walls w/         5       steel edging       1.00       allow       \$6,000.00         Sta-lok (or similar product) paving around terra cotta walls w/         5       steel edging       1.00       allow       \$6,000.00	or our rotar							
2     Resod areas of disturbance     6504.00     sf     \$1.50       3     Maintenance through final acceptance of Phase 1 Only     City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1        4     area only     1.00       Sta-lok (or similar product) paving around terra cotta walls w/        5     steel edging     1.00       allow     \$6,000.00								
2     Resod areas of disturbance     6504.00     sf     \$1.50       3     Maintenance through final acceptance of Phase 1 Only     City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1        4     area only     1.00       Sta-lok (or similar product) paving around terra cotta walls w/        5     steel edging     1.00       allow     \$6,000.00			Phase 1:					
3     Maintenance through final acceptance of Phase 1 Only     City to maintain new and existing landscaping       Irrigation - move sprinkler heads 3 ft away from wall at Phase 1     4       4     area only     1.00       Sta-lok (or similar product) paving around terra cotta walls w/     5       5     steel edging     1.00       90 00 Total     \$20,756			Resod areas of disturbance	6504.00	sf	\$1.50		9
Irrigation - move sprinkler heads 3 ft away from wall at Phase 1 4 area only 5 ta-lok (or similar product) paving around terra cotta walls w/ 5 steel edging 1.00 allow \$6,000.00 90 00 Total \$20,756			Maintenance through final acceptance of Phase 1 Only				City to maintain new and existing landscaping	-
4         area only         1.00         allow         \$5,000.00           Sta-lok (or similar product) paving around terra cotta walls w/         5         steel edging         1.00         allow         \$6,000.00           90 00 Total         \$20,756         \$20,756         \$20,756								
Sta-lok (or similar product) paving around terra cotta walls w/ 5 steel edging 1.00 allow \$6,000.00 90 00 Total \$20,756	2 90 00		ingation - move spinkler neads 3 it away from wall at Phase 1			¢E 000 00		
5 steel edging 1.00 allow \$6,000.00 90 00 Total \$20,756		3		1.00	allow	\$5,000.00		9
90 00 Total \$20,756		3	area only	1.00	allow	\$5,000.00		ş
tal \$20,756		3	area only Sta-lok (or similar product) paving around terra cotta walls w/					
Mai \$20,/56		3	area only Sta-lok (or similar product) paving around terra cotta walls w/				\$20,756	
	90 00 90 00 Total	3	area only Sta-lok (or similar product) paving around terra cotta walls w/					

GMP Proposal Contract Exhibit CDRC Bid Package 2 and Sullivan Gateway Page 32 of 33

	Adolfson & Peterson Construction				y Rehabilitation Proj enver, CO	ect						
	Construction	Duration	Start	Finish %	Float Predecessors	Successors	January 1		April 1		July 1	
	re-construction Phase	214 days		Complete Thu 12/31/15 100%	0 days		12/20	1/31	3/13	4/24	6/5	7/17 8/28
<sup>21</sup> St	ubcontract Awards, Submittals & Procurement	141 days	Fri 1/1/16	Fri 7/15/16 0%	0 days		-		1			
22	Subcontract Awards, Submittals & Procurement	60 days	Fri 1/1/16	Thu 3/24/16 0%	0 days 20	26,27,24SS+40 days			•			
23	Inventory, remove, restore and/or fabricate new terra cotta as needed for both fountains	126 days	Fri 1/22/16	Fri 7/15/16 0%	0 days 22SS+15 days	69						
24	Fabricate precast vault for fountain electrical with integral ladder rungs	40 days	Fri 2/26/16	Thu 4/21/16 0%	58 days 22SS+40 days	47,25SS			:			
25	Fabricate precast vault for fountain electrical with integral ladder rungs	40 days	Fri 2/26/16	Thu 4/21/16 0%	58 days 24SS	73			1			
26 W	ait until summer months to start	16 days	Fri 3/25/16	Fri 4/15/16 0%	47 days 22		1		-		l	
27	Wait until summer months to start actual construction work	16 days	Fri 3/25/16	Fri 4/15/16 0%	47 days 22	30						
28 C	onstruction Phase 1 (Both Fountains)	98 days	Mon 4/18/16	Wed 8/31/16 0%	0 days 20		1					
29	Mobilization	aveb 80	Mon 4/18/16	Wed 8/31/16 0%	0 days							
									i i			•
30	Mobilization			Mon 4/18/16 0%	47 days 27	31,32,36						
31	Layout for construction fence and SWMP BMP's	1 day		Tue 4/19/16 0%	49 days 30	34,35,33	1					
32	Call for and obtain utility locates Protect trees with snow fence; protect 5 pedestrian light posts with globes & 2 street lights. Clearly mark all traffic & electric	3 days		Thu 4/21/16 0% Mon 4/25/16 0%	47 days 30 53 days 32,31	34,35,33	1		1			
33	Protect trees with snow tence; protect 5 pedestrian light posts with globes & 2 street lights. Clearly mark all traffic & electric pullboxes that are to remain	2 days	rn 4/22/16	WUT 4/20/16/0%	53 0ays 52,31	סט				-		
34	Install construction fence & create pedestrian walkways around the project site	2 days	Fri 4/22/16	Mon 4/25/16 0%	47 days 32,31	58						
35	Install SWMP BMP's	1 day		Fri 4/22/16 0%	48 days 32,31	58				1		
36	Trim vegetation back from wall where new masonry work will occur	2 days	Tue 4/26/16	Wed 4/27/16 0%	53 days 30,33	37			1	1.00		
37	Litter removal on west side of west wall	1 day	Thu 4/28/16	Thu 4/28/16 0%	53 days 36	38			1	1	1	
38	City make determination and perform any necessary tree trimming	2 days	Fri 4/29/16		53 days 37	68			i.			
39	A&P pre-punch work	2 days	Mon 8/8/16	Tue 8/9/16 0%	0 days 71,51,97,77	40			I		l	
40	Subs complete A&P's pre-punch list	2 days		Thu 8/11/16 0%	0 days 39	41			1			
41	Architect prepare punchlist	1 day		Fri 8/12/16 0%	0 days 40	42			1		l	1.1
42	Substantial Completion	0 days		Fri 8/12/16 0%	0 days 41	43			1			♦ 8/12
43	Complete remaining punchlist items from Architect's punchlist			Wed 8/17/16 0%	0 days 42	44						•
44	Close-out process	10 days		Wed 8/31/16 0%	0 days 43	45	l		I		I	
45	Final completion			Wed 8/31/16 0%	0 days 44				1			♦ 8/31
46	West Fountain work (Phase 1)	71 days	Fri 4/22/16	Fri 7/29/16 0%	5 days		1		1	-		
47	Install precast electrical vault for fountain equipment	1 day		Fri 4/22/16 0%	58 days 24	49,50,48			i.	1		
48	Form, reinforce & pour 4" housekeeping pad			Tue 4/26/16 0%	60 days 47	61				1		
49	Locking metal hatch for precast electrical vault for fountain			Mon 4/25/16 0%	58 days 47	51,61,54,55,56,57			1	1		
50	Horizontal boring under roadway to run conduit for 120 volt fountain pump power & to run the 3/4" type K copper water lines	1 day	Mon 4/25/16	Mon 4/25/16 0%	58 days 47	52,53,57				1	   	
51	Paint precast electrical vault access hatch & vent pipe to match terra cotta color	2 days	Tue 4/26/16	Wed 4/27/16 0%	72 days 49	39			1	1.00	1	
52	Trench & install conduit for 120 volt pump power other than at the horizontal bore location	2 days	Tue 4/26/16	Wed 4/27/16 0%	63 days 50	60,65			i	1.00		
53	Mount 5 each new single pole breakers at existing panel in center vault (replace panel if determined that existing panel can't support additional breakers or loads)	1 day	Tue 4/26/16	Tue 4/26/16 0%	66 days 50	66				1		
54	Set new filters for fountain in precast vault	2 days	Tue 4/26/16	Wed 4/27/16 0%	67 days 49	71				1.00		
55	New water storage tank for fountain in precast vault	1 day	Tue 4/26/16	Tue 4/26/16 0%	68 days 49	71			1	1		
56	Light fixture installation for fountain electrical vault	1 day	Tue 4/26/16	Tue 4/26/16 0%	68 days 49	71	1		1	1		
57	New non-potable water supply piping (NPW) for fountain, drain piping & clean-outs with CIP concrete collars. Install gooseneck pipe for air intake	3 days	Tue 4/26/16	Thu 4/28/16 0%	58 days 49,50	61				•		
58	Excavate & fine grade with new aggregate base for new fountain foundation	2 days	Tue 4/26/16	Wed 4/27/16 0%	47 days 34,35	59,85				1.00		
59	Form, reinforce, pour, strip & backfill new fountain foundation	4 days		Tue 5/3/16 0%	47 days 58	63						
60	Pull wire for 120 volt pump power			Fri 4/29/16 0%	63 days 52	66			1	1.00		
61	Set new pumps for fountain in precast vault & sump pump in basin in vault	2 days		Mon 5/2/16 0%	58 days 49,57,48	62			1			
62	New control panels for pumps for fountain & sump pump	2 days		Wed 5/4/16 0%	58 days 61		i.			1.0		
$\vdash$									1		1	

								 		 Page	33 OT 33	·
2	Adolfson & Peterson Construction				ay Rehabilitation Pro Denver, CO	oject		 		 		
ID	Task Name	Duration	Start	Finish %	Float Predecessors	Successors	January 1	April 1		July 1		Oct
63	Drill and epoxy dowels for new fountain concrete wall	1 day	Wed 5/4/16	Complete Wed 5/4/16 0%	47 days 59	64	12/20 1/31	3/13	4/24	 6/5	7/17	8/28
64		3 days	Thu 5/5/16		47 days 63	67	1.1	1	1.1	1		1
	Set waterstop, form, reinforce, pour & strip new section of fountain concrete wall				-			i -	- E.	l.		1
65	Install disconnects at pumps, TVSS, new electrical meter & new ground rods	2 days	Thu 5/5/16		58 days 62,52	66				1		1
66	Terminate dolphin & lion fountain wiring at existing panel in electrical vault	2 days		Tue 5/10/16 0%	58 days 65,60,53	71	i i	i.		i.		
67	Parge coat fountain wall to create coved base	1 day		Tue 5/10/16 0%	47 days 64	68,69		1	1.1			
68	Waterproof fountain wall	1 day	Wed 5/11/16	Wed 5/11/16 0%	47 days 67,38	69	1.1	1	1.1	1		1
69	Terra cotta coping at fountain	2 days	Mon 7/18/16	Tue 7/19/16 0%	0 days 67,68,23	70,95	1 1	i.				1
70	Terra cotta facing at fountain	3 days	Wed 7/20/16	Fri 7/22/16 0%	0 days 69	71,95						1
71	Energize electrical, start-up & test pumping & filtering equipment, fill fountain & test operation	5 days	Mon 7/25/16	Fri 7/29/16 0%	5 days 56,70,66,54,55	39		1				1
72	East Fountain work (Phase 1)	76 days	Fri 4/22/16	Fri 8/5/16 0%	0 days			i e	-	1		1
73	Install precast electrical vault for fountain equipment	1 day	Fri 4/22/16	Fri 4/22/16 0%	58 days 25	75,76,74		I I				1
74	Form, reinforce & pour 4" housekeeping pad	2 days	Mon 4/25/16	Tue 4/26/16 0%	60 days 73	86		1	1 - C	1		1
75	Locking metal hatch for precast electrical vault for fountain	1 day	Mon 4/25/16	Mon 4/25/16 0%	58 days 73	77,86,80,81,82,83	i i	i.	1.1	l		1
76	Horizontal boring under roadway to run conduit for 120 volt fountain pump power & to run the 3/4" type K copper water lines	1 day	Mon 4/25/16	Mon 4/25/16 0%	58 days 73	78,79,83		1	1.1			1
								1		1		1
77	Paint precast electrical vault access hatch & vent pipe to match terra cotta color	2 days	Tue 4/26/16	Wed 4/27/16 0%	72 days 75	39		i	1 - C	i.		i i
78	Trench & install conduit for 120 volt pump power other than at the horizontal bore location	2 days	Tue 4/26/16	Wed 4/27/16 0%	63 days 76	84,89	1.1	1	1.1	1		1
79	Mount 5 each new single pole breakers at existing panel in center vault (replace panel if determined that existing panel can't support additional breakers or loads)	1 day	Tue 4/26/16	Tue 4/26/16 0%	66 days 76	92		I I	1			
80	Set new filters for fountain in precast vault	2 days	Tue 4/26/16	Wed 4/27/16 0%	67 days 75	97		1	1 C C	1		
81	New water storage tank for fountain in precast vault	1 day		Tue 4/26/16 0%	68 days 75	97		1	1			1
82	Light fixture installation for fountain electrical vault	1 day		Tue 4/26/16 0%	68 days 75	97	i i	i.	1.1	, I		i
83	New non-potable water supply piping (NPW) for fountain, drain piping & clean-outs with CIP concrete collars. Install	3 days		Thu 4/28/16 0%	58 days 75.76	86		1	1.1	1		1
65	New non-polable water supply piping (NPW) for rountain, drain piping & clean-outs with CIP concrete collars. Install gooseneck pipe for air intake	3 days	Tue 4/20/10	110 4/28/16 0%	56 days 75,76	80			÷			
84	Pull wire for 120 volt pump power	2 days	Thu 4/28/16	Fri 4/29/16 0%	63 days 78	92		I I	1.1			1
85	Excavate & fine grade with new aggregate base for new fountain foundation	2 days	Thu 4/28/16	Fri 4/29/16 0%	50 days 58	87		1	1.1	1		1
86	Set new pumps for fountain in precast vault & sump pump in basin in vault	2 days	Fri 4/29/16	Mon 5/2/16 0%	58 days 74,75,83	88		1				1
87	Form, reinforce, pour, strip & backfill new fountain foundation	4 days	Mon 5/2/16	Thu 5/5/16 0%	50 days 85	90	1 1	i.		1		i
88	New control panels for pumps for fountain & sump pump	2 days	Tue 5/3/16	Wed 5/4/16 0%	58 days 86	89		I I	1.1			1
89	Install disconnects at pumps, TVSS, new electrical meter & new ground rods	2 days	Thu 5/5/16	Fri 5/6/16 0%	58 days 78,88	92		1	1.1	1		1
90	Drill and epoxy dowels for new fountain concrete wall	1 day	Fri 5/6/16	Fri 5/6/16 0%	50 days 87	91		1	1.1	1		į.
91	Set waterstop, form, reinforce, pour & strip new section of fountain concrete wall	3 days	Mon 5/9/16	Wed 5/11/16 0%	50 days 90	93		1				1
92	Terminate dolphin & lion fountain wiring at existing panel in electrical vault	2 days	Mon 5/9/16	Tue 5/10/16 0%	58 days 79,84,89	97		I I	1.1			1
93	Parge coat fountain wall to create coved base	1 day	Thu 5/12/16	Thu 5/12/16 0%	50 days 91	94,95		1	1.1	1		1
94	Waterproof fountain wall	1 day	Fri 5/13/16	Fri 5/13/16 0%	50 days 93	95		1	1.1	-		i i
95	Terra cotta coping at fountain	2 days	Mon 7/25/16	Tue 7/26/16 0%	0 days 93,94,69,70	96	I I	i i		•		1
96	Terra cotta facing at fountain	3 days	Wed 7/27/16	Fri 7/29/16 0%	0 days 95	97		1			•	1
97	Energize electrical, start-up & test pumping & filtering equipment, fill fountain & test operation	5 days	Mon 8/1/16	Fri 8/5/16 0%	0 days 96,80,81,82,92	39	1 1	1		I.	-	i i