

## SUBMITTAL CHECKLIST

### FOR ENCROACHMENTS & ENCUMBRANCES IN THE PUBLIC RIGHT-OF-WAY

Any Submittal not meeting all minimum checklist criteria herein will be rejected as incomplete.

Encroachments shall be in accordance with:
Rules and Regulations Governing Encroachments & Encumbrances in the Public Right-of-Way
Transportation Standards and Details for the Engineering Division
Application
Signed by adjacent property owner as owner of Encroachment or authorized Special District representative
Evidence of Adjacent Property Ownership
Title Work/Warranty Deed confirming property owner and legal description for adjacent property
Legal Description sealed and signed by a Professional Land Surveyor licensed in Colorado
Legal Description sealed and signed by a Professional Land Surveyor licensed in Colorado  Legal Description and Exhibit(s) in PDF format stamped and signed by PLS
Legal Description and Exhibit(s) in PDF format Stamped and Signed by PLS  Legal Description in Word format
Legal Description in Word format
Site Plans sealed and signed by a Professional Engineer licensed in Colorado
GENERAL
Vicinity map
North arrow
Numerical and bar scale (Scale not to exceed $1'' = 40'$ )
Legend
PE stamp area
Plan set date and revision number (if applicable)
PLAN VIEW
Show, label and dimension existing and proposed final site conditions, including but not limited to the following (aerial
imagery is allowed; however, it does not replace requirement for accurately scaled engineering drawings):
Property lines, right-of-way width
Edge of pavement, curb and gutter, sidewalks, nearby driveways and alleys
Street lights, pedestrian lights, signal poles, utility poles
Surface utility features (e.g. cabinets, handholes, manholes, inlets, vaults, valves, fire hydrants)
Regulatory Floodplain boundaries (FEMA)
Underground and overhead utilities (e.g. water, sewer, power, communications, gas, irrigation)
Trees and landscaping in the ROW
Street names and adjacent property address(es)
Regional Transportation District (RTD) bus stop with any amenities
Location and size of Encroachment – Show and dimension limits of both above and below ground elements  Construction Materials
Construction Flaterials

City and County of Denver — Department of Transportation & Infrastructure

Right-of-Way Services | Engineering & Regulatory 201 West Colfax Ave. Dept. 507 | Denver, CO 80202

www.denvergov.org/doti Phone: 720-865-3003



COMPANY:				
PRINT NAME:		EMAIL:		
SIGNATURE:		DATE:		
I hereby attest that the above	e information is incorpor	ated into our Encroachr	nent Application and plar	n submittal:
Attestation:				
		, 1000	, 10.00	
Annual Permit	No Fee	\$200.00	\$200.00	
Resolution Review	N/A	N/A	\$300.00	
Legal Description Review	N/A	\$300.00	\$300.00	
Initial Processing	No Fee	\$1,500.00	\$1,500.00	
Fees must be paid immediat Fees (Non-Refundable):	Tier I Encroachment:	Tier II Encroachment:	Tier III Encroachment:	
Fees:	alvaftar FD mravidas a mr	aiaat wahan and inai	fa	
F				
Formal written response	e to each comment			
Review comments (review	ewer comments must be	e verbatim)		
Reviewer's name				
Agency Name	_			
COMMENT RESOLUTION SHEET	(s) IF APPLICABLE Not	t Applicable		
Approval from applicable For properties sharing the	=			=
ADDITIONAL REQUIRED MATER	IAL(S) Not Applicab	le		
Manufacturers certificat	on			
Structural plans				
STRUCTURAL PLANS IF APPLICA	BLE Not Applicable			
Special, non-standard, o		can and notes		
Referenced City detail(s Office of the Forester's	=		ind elevation view(s)	
Manufacturer's and/or c				
DETAIL SHEET(S)				
Vertical height/clearance	e of the Encroachment f	rom finish grade		
Existing utilities and the	ir size and depth			
Location and size of End Existing and final grade	roachment – Show and	dimension limits of bot	h above and below grou	nd elements
ELEVATION OR CROSS-SECTION				
	ents located in the inter	section clear zone per	Transportation Std. Dwg	j. 7.9
Electrical service alignm		n location, and voltage	/amps	
Distance from property	•	iscape realure/obstruc	tion in the vicinity	
☐ Distance from Encroach ☐ Distance from Encroach			tion in the vicinity	
Projection from building				

3/25/2021 2 of 2



### **APPLICATION**

### FOR ENCROACHMENTS & ENCUMBRANCES IN THE PUBLIC RIGHT-OF-WAY

An Encroachment Permit is required prior to placing privately-owned improvements ("Encroachment" or "Encumbrance") in the public Right-of-Way (ROW). Only Encroachment Permit Applications in accordance with Rules and Regulations and Permit Entrance Requirements for Encroachments in the Public Right-of-Way will be considered by the Department of Transportation & Infrastructure (DOTI). It is the City's sole discretion whether to grant an Encroachment Permit based on any facts the City feels are relevant. Approval is not guaranteed.

To apply, complete this application and submit together with required application materials in accordance with the <u>Permit Entrance Requirements</u> to <u>DOTI.ER@denvergov.org</u>. Please type or print clearly. If necessary, attach additional sheets to fully answer any of the following sections. Incomplete applications packages will not be accepted. Questions on this application or the process can be sent to <u>DOTI.ER@denvergov.org</u>.

### ENCROACHMENT OWNER/ADJACENT PROPERTY OWNER:

The adjacent property owner will be the Encroachment Owner and Permittee and is the responsible party for the Encroachment in accordance with the Rules and Regulations, including all fees and annual billing.

Company Name:		
Contact Name:		
Property Address:		
Billing Address:		
Telephone Number:	Email Address:	
OWNER REPRESE		
Company Name:		
Contact Name:		
Address:		
Telephone Number:	Email Address:	
ENCROACHMENT	INFORMATION:	
Project Name:		
Adjacent Property Address:		
Coordinates (Lat/Long):		
Encroachment Area, in SF:		

City and County of Denver — Department of Transportation & Infrastructure

Right-of-Way Services | Engineering & Regulatory 201 West Colfax Ave. Dept. 507 | Denver, CO 80202

www.denvergov.org/doti Phone: 720-865-3003



Is this project associated with a LAND DEVELOPMENT REVIEW	?
Yes No If 'Yes', provide Project Master, Site Plan and/or Concept Develop	pment Project Numbers:
Location Description: (e.g. Located on the South side of 23rd Ave, twenty (2	(0) feet from face of curb, and ten
(10) feet west of pavement on Private Drive.)	
Description of Encroachment:	
Describe the proposed encroachment, including the type, dimensions, and quantity not enough space to describe the encroachment, attach the description as a sheet. application materials in accordance with the Permit Entrance Requirements. It is not attached plans" or other vague descriptors.	. Additionally, provide required
Justification for Private Improvements in the Public ROW:	
Private improvements should be located on private property. Only in cases where preclude the placement of private improvements on private property that an encrewithin the right-of-way. Make your case as to why this is a good use of the public to use "you want/need it" or other vague descriptors.	pachment may be considered
FOR ER INTERNAL USE ONLY:	
Tier Determination: Project Number:	Initials:



### **ATTESTATION:**

#### By submitting this permit application and signing below, I understand and agree to the following:

- 1. That I am the property owner adjacent to the Encroachment Area, or the authorized representative of a Special District, that is responsible for the placement, maintenance, repair, replacement, removal, site restoration, ownership, or is otherwise responsible for the Encroachment in accordance with the Rules & Regulations for Encroachments and Encumbrances in the Public Right-of-Way.
- 2. That it is the City's sole discretion to classify the Tier of an Encroachment and whether to grant an Encroachment Permit based on any facts the City feels are relevant. The issuance of an Encroachment Permit confers no rights to the Right-of-Way, the Encroachment Permit is revocable and DOTI can order the removal of the Encroachment and restoration of the Encroachment Area for any reason the City feels relevant.
- 3. Permittee agrees to defend, indemnify, reimburse and hold harmless the City, its appointed and elected officials, agents and employees for, from and against all liabilities, claims, judgments, suits or demands for damages to persons or property arising out of, resulting from, or relating to an Encroachment Permit and the Encroachment ("Claims"). This indemnity shall be interpreted in the broadest possible manner to indemnify City for any acts or omissions of Permittee or its subcontractors either passive or active, irrespective of fault, including City's negligence whether active or passive.
- 4. Permittee's duty to defend and indemnify City shall arise at the time written notice of the Claim is first provided to City regardless of whether claimant has filed suit on the Claim. Permittee's duty to defend and indemnify City shall arise even if City is the only party sued by claimant and/or claimant alleges that City's negligence or willful misconduct was the sole cause of claimant's damages.
- 5. Permittee will defend any and all Claims which may be brought or threatened against City and will pay on behalf of City any expenses incurred by reason of such Claims including, but not limited to, court costs and attorney fees incurred in defending and investigating such Claims or seeking to enforce this indemnity obligation. Such payments on behalf of City shall be in addition to any other legal remedies available to City and shall not be considered City's exclusive remedy.
- 6. Insurance coverage requirements specified in an Encroachment Permit shall in no way lessen or limit the liability of Permittee under the terms of this indemnification obligation. Permittee shall obtain, at its own expense, any additional insurance that it deems necessary for the City's protection.
- 7. This defense and indemnification obligation shall survive the expiration or termination of any issued Encroachment Permit.
- 8. Permittee is fully responsible for all costs to install, maintain, repair, replace, remove, and restore the Encroachment Area, including annual City Encroachment Permit Fees. A lien will be placed on the Permittee's property for failure to remove a revoked or abandoned Encroachment for cost incurred by CCD to remove the Encroachment and restore the Encroachment Area on behalf of the Permittee.
- 9. Indemnity and Insurance for Tier I and Tier II Encroachments: Pursuant to and not superseding any General Terms and Conditions, as a condition for placement of a Tier I or Tier II Encroachment, the Owner of such Tier I or Tier II Encroachment shall hold CCD harmless from all loss or damage to persons or property on account of injury arising from the construction, repair, or maintenance of the Tier I or Tier II Encroachment. Obtain and Maintain a Commercial General Liability insurance policy with limits of \$1,000,000 for each occurrence, \$1,000,000 for each personal and advertising injury claim, \$2,000,000 products and completed operations aggregate, and \$2,000,000 policy aggregate. The City and County of Denver, its Elected and Appointed Officials, Employees and Volunteers shall be included as Additional Insured.
- 10. Indemnity and Insurance for Tier III Encroachments: Pursuant to and not superseding any General Terms and Conditions, as a condition for placement of a Tier III Encroachment, the Owner of such Tier III Encroachment shall hold CCD harmless from all loss or damage to persons or property on account of injury arising from the construction, repair, or maintenance of the Tier III Encroachment. Obtain and Maintain a Commercial General Liability insurance policy with limits of \$1,000,000 for each occurrence, \$1,000,000 for each personal and advertising injury claim, \$2,000,000 products and completed operations aggregate, and \$5,000,000 policy aggregate. A combination of primary and excess coverage may be used to meet the aggregate limit. The City and County of Denver, its Elected and Appointed Officials, Employees and Volunteers shall be included as Additional Insured.

OWNER SIGNATURE:	Mike Moylen	DATE:	
PRINT NAME:		TITLE:	
COMPANY:			



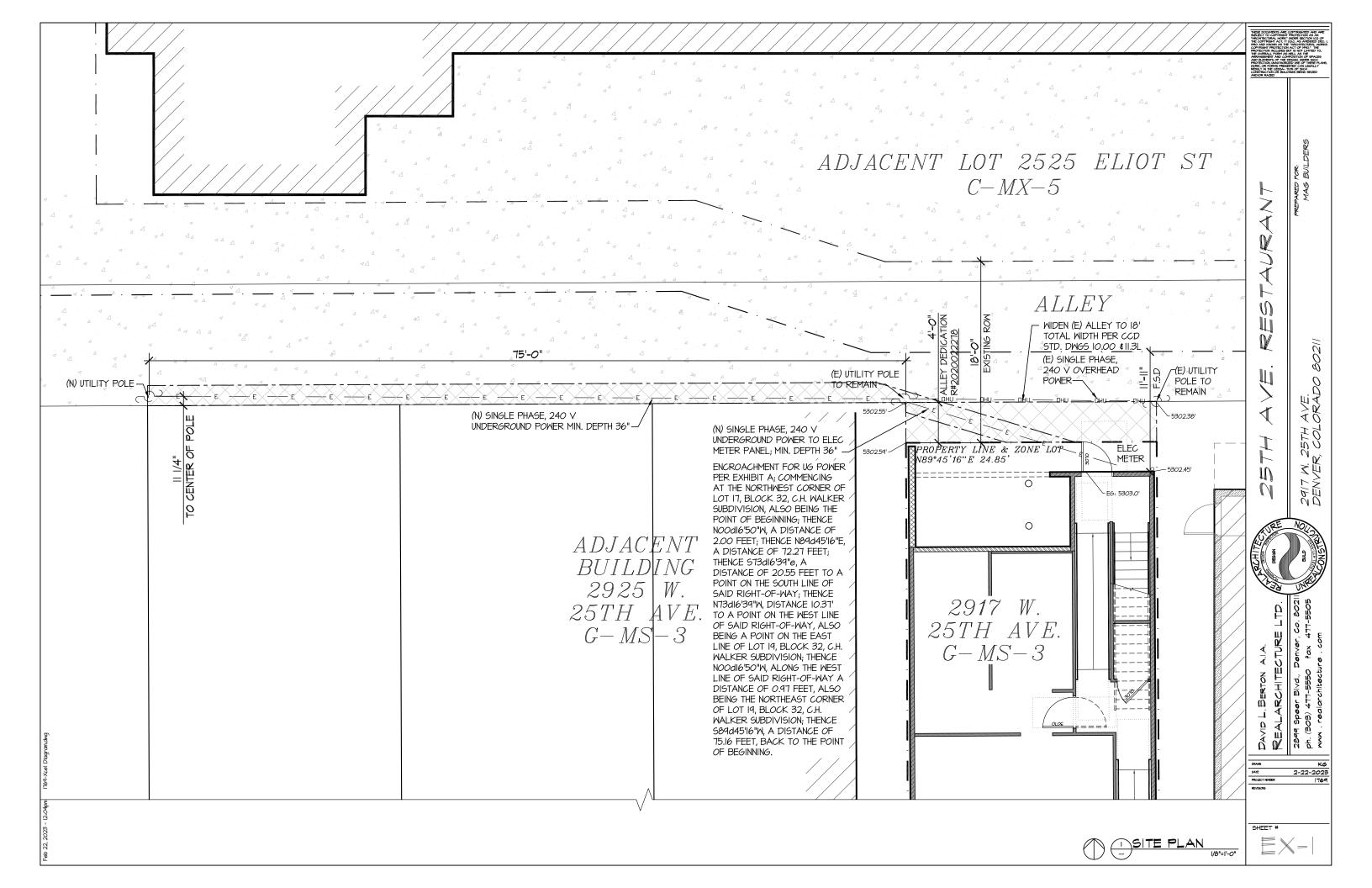


	TABLE R402.4.1.1 AIR BARRIER & INSULATION IN	ISTALLATION
COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA
GENERAL REQUIREMENTS	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE. THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARRIER. BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.	AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
CEILING/ATTIC	THE AIR BARRIER IN ANY DROPPED CEILING/SOFFIT SHALL BE ALIGNED WITH THE INSULATION AND ANY GAPS IN THE AIR BARRIER SHALL BE SEALED. ACCESS OPENINGS, DROP DOWN STAIRS OR KNEE WALL DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.	THE INSULATION IN ANY DROPPED CEILING/SOFFIT SHALL BE ALIGNED WITH THE AIR BARRIER.
WALLS	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALLS SHALL BE SEALED. KNEE WALLS SHALL BE SEALED.	CAVITIES WITHIN CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM. EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAMED WALLS SHALL BE INSULATED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER.
WINDOWS, SKYLIGHTS AND DOORS	THE SPACE BETWEEN WINDOW/DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING SHALL BE SEALED.	
RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.
FLOORS (INCLUDING ABOVE-GARAGE AND CANTILEVERED FLOORS)	THE AIR BARRIER SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.
CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWLSPACE WALLS.
SHAFTS, PENETRATIONS	DUCT SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
NARROW CAVITIES		BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACE.
GARAGE SEPARATION	AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.	
RECESSED LIGHTING	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE DRYWALL.	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.
PLUMBING AND WIRING		BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND WIRING AND PLUMBING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND PIPING AND WIRING.
SHOWER/TUB ON EXTERIOR WALL	THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWS AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.
ELECTRICAL/PHONE BOX ON EXTERIOR WALLS	THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	
HVAC REGISTER BOOTS	HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.	
CONCEALED SPRINKLERS	WHEN REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS OR CEILINGS.	

# COMcheck Software Version COMcheckWeb

## **Envelope Compliance Certificate**

### **Project Information**

2015 IECC Energy Code: 25TH AVENUE RESTAURANT Project Title:

Denver, Colorado Location: Climate Zone: Project Type: **New Construction** Vertical Glazing / Wall Area: 6%

Construction Site: Owner/Agent: MAG BUILDERS 2917 W. 25TH AVE. DENVER, Colorado 80211 3132 N. FEDERAL BLVD. DENVER, Colorado 80211 Designer/Contractor: REALARCHITECTURE LTD 2899 N. SPEER BLVD, SUITE 102 DENVER, Colorado 80211

Additional Efficiency Package(s) High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical

requirements checklist report.

Floor Area

4758

**Building Area** 1-Dining: Bar Lounge/Leisure : Nonresidential

### **Envelope Assemblies**

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor <sub>(a)</sub>
Floor: Unheated Slab-On-Grade, Vertical 2 ft., [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (c)	282		10.0	0.540	0.540
Roof: Attic Roof, Wood Joists, [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	2629	38.0	0.0	0.027	0.027
<u>NORTH</u> Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	549	21.0	0.0	0.062	0.064
Window: Vinyl Frame: Operable, Perf. Specs.: Product ID AND- N-183-00308-00002, SHGC 0.18, [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (b)	16			0.350	0.450
Door: Uninsulated Double-Layer Metal, Swinging, [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	26			0.300	0.370
<u>EAST</u> Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	2927	21.0	0.0	0.062	0.064
Window: Metal Frame Curtain Wall/Storefront, Fixed, Perf. Specs.: Product ID VIA-K-74-00031-00001, SHGC 0.16, [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (b)	72			0.380	0.380
<u>SOUTH</u> Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	661	21.0	0.0	0.062	0.064
Window: Metal Frame Curtain Wall/Storefront, Fixed, Perf. Specs.: Product ID VIA-K-74-00031-00001, SHGC 0.16, [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (b)	82			0.380	0.380
Door: , Perf. Specs.: Product ID VIA-K-60-00146-00001, SHGC 0.15, [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (b)	53			0.440	0.770
Door: Other (U-Factor option), Perf. Specs.: Product ID ARL-M-	170			0.680	0.770

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor <sub>(a)</sub>
1-01901-00001, SHGC 0.12, [Bldg. Use 1 - Dining: Bar Lounge/Leisure] (b)					
<u>WEST</u> Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	2159	21.0	0.0	0.062	0.064
Ext. Wall: Concrete Block, 8in., Partially Grouted, Cells Ins., Normal Density, Furring: Wood, [Bldg. Use 1 - Dining: Bar Lounge/Leisure]	765	19.0	0.0	0.057	0.090

- (a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
- (b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation. (c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 8% better than code

## **Envelope Compliance Statement**

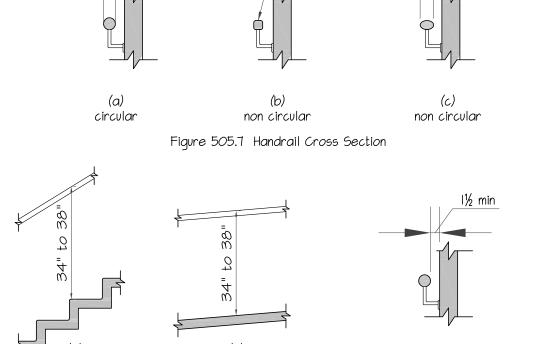
Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

THESE DOCUMENTS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SECTION 102 OF THE COPYRIGHT ACT, IT U.S.C. AS AMENDED DEC. J. 1940 AND KNOWN AS THE "ARCHITECTURAL MORKS COPYRIGHT PROTECTION ACT OF 1940." THE PROTECTION INCLIDES BUT IS NOT LIMITED TO, THE OVERALL FORM AS MELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS, WORK, OR FORMS PRESENTED CAN LEGALLY RESULT IN THE CESSA-TION OF SUCH CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR RAZED

0|-|5-2020

REVISIONS

SHEET #



2¼" max.

Figure 505.5

Handrail Clearance

505.2 LOCATION. Handrails shall be provided on both sides of stairs and ramps. 505.3 CONTINUITY. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs or ramps shall be continuous between flights or runs. Other handrails shall comply with ICC/ANSI AII7.1-2017 Sections 505.10 and 307. 505.4 HEIGHT. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings, ramp surfaces and walking surfaces. Handrails shall be at a consistent height above stair nosings, ramp surfaces and walking surfaces.

Figure 505.4 Handrail Height

505.5 CLEARANCÉ. Clearance between handrail gripping surface and adjacent surfaces shall be 505.6 GRIPPING SURFACE. Gripping surfaces shall be continuous, without interruption by newel posts,

other construction elements of obstructions. 505.7 CROSS SECTION. Handrails shall have a cross section complying with ICC/ANSI AII7.I-2017 Section 505.7.1 and 505.7.2.

505.7.1 CIRCULAR CROSS SECTIONS. Handrails with a circular cross section shall have an outside diameter of  $1-\frac{1}{4}$ " minimum and 2" maximum.

505.7.2 NONCIRCULAR CROSS SECTIONS. Handrails with a noncircular cross section shall have a perimeter dimension of 4" minimum and 6-1/2" maximum, and a cross-section dimension of 2-1/4" maximum. 505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS. Ramp handrails shall extend horizontally above the landing 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, quard, or floor, or shall be continuous to the handrail of an adjacent ramp run.

<u>505.10.2 TOP EXTENSIONS AT STAIRS.</u> At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum, beginning directly above the landing nosing. Extensions shall return to a wall, quard or the landing surface, or shall be continuous to the handrail of an adjacent stair

505.10.3 BOTTOM EXTENSION AT STAIRS. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the bottom tread nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. If provided at the bottom of a stair flight, a horizontal extension of a handrail shall be 12" Tonq, minimum, and a height equal to that of the sloping portion of the handrail, as measured above the stair nosings. Such extension shall return to a wall, quard or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.

## 505 HANDRAILS

504 STAIRMAYS

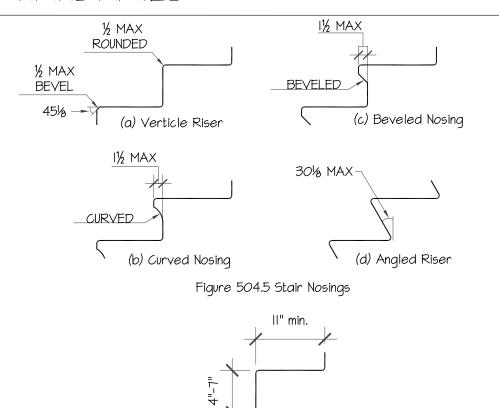


Figure 504.2 Treads and Risers for Stairways

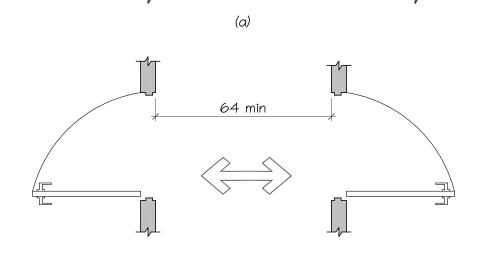
504.2 TREADS AND RISERS. All steps on a flight of stairs shall have uniform riser heights and uniform tread depth. Risers shall be 4" minimum and 7" maximum in height. Treads shall be II" deep minimum, measured from riser to riser. (Fig. 504.2)

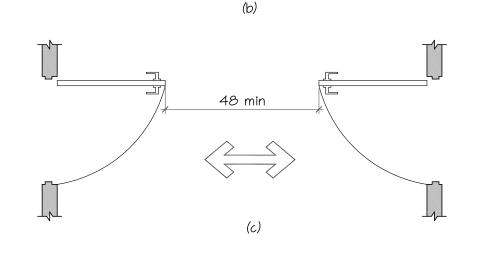
504.3 OPEN RISERS. Open risers shall not be permitted. 504.4 TREAD SURFACE. Stair treads shall comply with ICC/ANSI AII7.I-2017 Section 302 and shall have a slope no steeper than 1:48.

504.5 NOSINGS. Nosings shall comply with the following: I. Nosings within a stairway shall be uniform. 2. If rounded, the radius of curvature at the leading edge of the tread shall be ½" maximum. 3. If beveled, the bevel at the leading edge shall slope at 45% to the plane of the top surface of the tread and landing and extend for a horizontal distance of  $\frac{1}{2}$ " maximum. 4. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. 5. Risers shall be

permitted to slope under the tread at an angle of 30% maximum from vertical. 6. The permitted projection of the nosing shall be 1-1/2" maximum over the tread or floor below. 504.6 HANDRAILS. Stairs shall have handrails complying with ICC/ANSI All7.1-2017 Section 505.

48 min



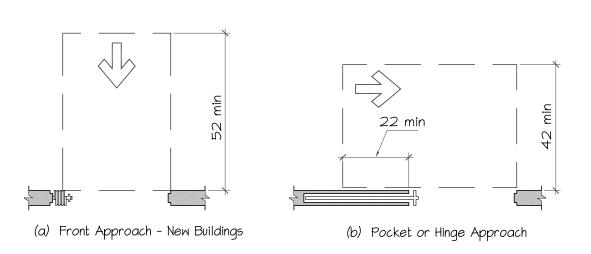


Two Doors in Series			
	MINIMUM CLEARANCES		
APPROACH DIRECTION	Perpendicular to Doorway		
From Front	52" <sup>(l)</sup>		
From Side	42"		

Figure 404.2.5

(1) In existing buildings and facilities the dimension perpendicular to the doorway for the front direction shall be 48" minimum.

### Table 404.2.3.4 -- Maneuvering Clearances for Doorways without Doors



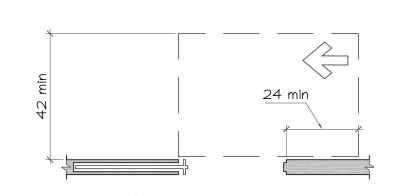


Figure 404.2.3.3 -- Maneuvering Clearances at Sliding and Folding Doors

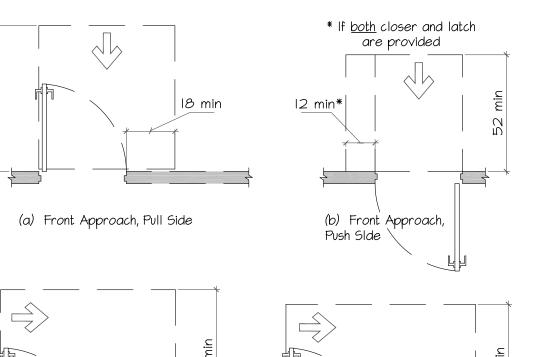
(c) Stop or Latch Approach

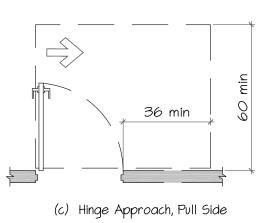
MINIMUM CLEARANCES			
Perpendicular to Door (1)	Parallel to Door		
52" <sup>(2)</sup>	0"		
42"	22" <sup>(I)</sup>		
42"	24"		
	Perpendicular to Door (1) 52" <sup>(2)</sup> 42"		

(2) In existing buildings and facilities, the dimension perpendicular to the door for the front

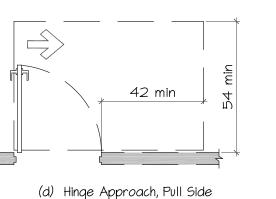
direction shall be 48" minimum.

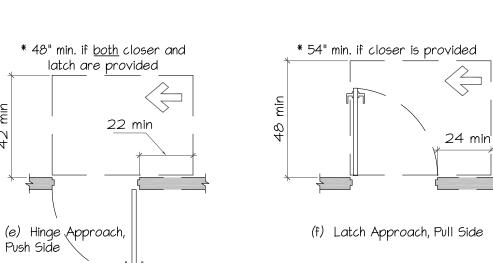
Table 404.2.3.3 -- Maneuvering Clearances at Sliding and Folding Doors

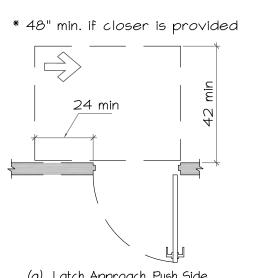




Push Side







(g) Latch Approach, Push Side
Figure 404.2.4.1
Maneuvering Clearances at Swinging Doors

TYPE OF USE		MINIMUM CLEARANCES		
Approach Direction	Door Side	Perpendicular to Door	Beyond Latch Parallel to Door	
From Front	Pull	60"	18"	
From Front	Push	52" <sup>(4)</sup>	O"	
From Hinge	Pull	60" 54"	36" 42"	
From Hinge	Push	42" <sup>(1)</sup>	22" <sup>(3)</sup>	
From Latch	Pull	48" <sup>(2)</sup>	24"	
Enom Latch	Puch	17"(2)	24"	

Add 6" if closer and latch provided

(2) Add 6" if closer provided. (3) Beyond hinge side.

(4) In existing building facilities, the dimension perpendicular to the door or gate for the front direction on the push side shall be 48" minimum.

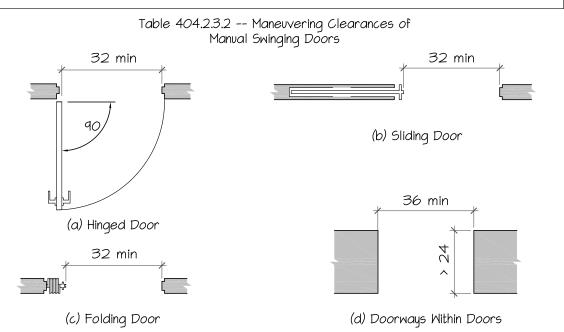


Figure 404.2.2

Clear Width of Doorways 404.2 MANUAL DOORS, DOORWAYS AND MANUAL GATES. Manual doors, doorways and manual gates intended for user passage shall comply with ICC/ANSI AII7.1-2017 Section 404.2 404.2.1 DOUBLE-LEAF DOORWAYS. At least one of the active leaves of doorways with two leaves shall comply with ICC/ANSI All7.1-2017 Sections 404.2.2 and 404.2.3.

404.2.3 CLEAR WIDTH. Doorways shall have a clear opening width of 32" minimum. Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90%. Openings more than 24" in depth at doors and doorways without doors shall provide a clear opening of 36" minimum. There shall be no projections into the clear opening width lower than 34" above the floor. Projections into the clear opening width between 34" and 80" above the floor are permitted but shall not exceed 4". (Fig. 404.2.3) 404.2.3 MANEUVERING CLEARANCES. Minimum maneuvering clearances at doors and gates shall comply with ICC/ANSI AII7.1-2017 Section 404.2.3. Maneuvering clearances shall include the full clear

opening width of the doorway and the required latch-side or hinge-side clearance. 404.2.3.1 FLOOR SURFACE. The floor surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with ICC/ANSI AI17.1-2017 Section 302

404.2.3.2 SWINGING DOORS AND GATES. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.3.2. 404.2.3.3 SLIDING AND FOLDING DOORS. Sliding doors and folding doors shall have maneuvering clearances complying with Table 404.2.3.3.

404.2.3.4 DOORWAYS WITHOUT DOORS OR GATES. Doorways without doors or gates that are less than 36" in width shall have maneuvering clearances complying with Table 404.2.3.4. 404.2.3.5 RECESSED DOORS AND GATES. Where any obstruction within 18" of the latch side of a doorway projects more than 8" beyond the face of the door or gate, measured perpendicular to the face of the door or gate, maneuvering clearances for a forward approach shall be provided.

4.2.4 THRESHOLDS. If provided, thresholds at doorways shall be ½" maximum in height. Raised thresholds and changes in level at doorways shall comply with ICC/ANSI A117.1-2017 Sections 302 \$ 303. 404.2.5 TWO DOORS OR GATES IN SERIES. Distance between two hinged or pivoted doors or gates in series shall be 48" minimum plus the width of any door or gate swinging into the space. The space between the doors and gates shall provide a turning space. 404.2.6 DOOR HARDWARE. Handles, pulls, latches, locks and other operable parts on doors and gates shall have a shape that is easy to grasp with one hand and does not require tight grasping, pinching or twisting of the wrist to operate. The operational force to retract latches or disengage devices that hold the door or gate in a closed position shall be as follows: I. Hardware operation by a

forward, pushing or pulling motion: 15 lbs maximum. 2. hardware operation by a rotational motion: 28 in-lbs maximum. 404.2.6. HARDWARE HEIGHT. Operable parts of such hardware shall be 34" minimum and 48" maximum above the floor. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

24 max FIGURE 403.5

CLEAR WIDTH OF AN ACCESSIBLE ROUTE

Segment Length	Minimum Segment Width					
Less Than or Equal to 24"	32" (See Note)					
Greater Than 24"	36"					
Note: Consecutive segments of 32" wide must be separated by a route segment 52" long minimum and 36" wide minimum.						

Table 403.5 Clear Width of an Accessible Route

403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

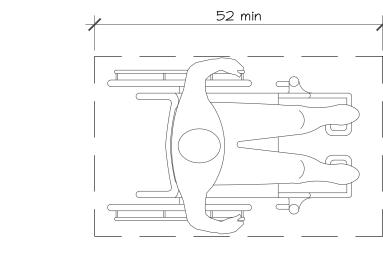
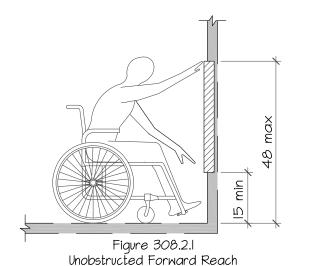


FIGURE 305.3.1 SIZE OF CLEAR FLOOR SPACE - NEW BUILDINGS

305.2 FLOOR SURFACES. Floor surfaces of a clear floor space shall comply with ICC/ANSI All7.1-2017 Section 302. Changes is level shall not be permitted within the clear floor space. Slopes not steeper then 1:48 shall be permitted.

305.3.1 NEW BUILDINGS AND FACILITIES. In new buildings and facilities, the clear floor space shall be 52" minimum in length and 30" minimum in width.(fig. 304.3) 305.5 POSITION. Unless otherwise specified, the clear floor spaces shall be positioned for either forward or parallel approach to an element.

305 CLEAR FLOOR SPACE



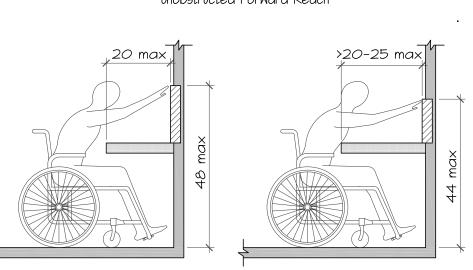
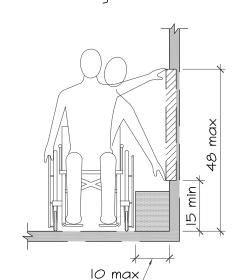
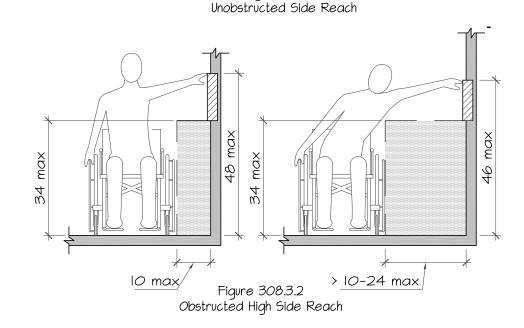


Figure 308.2.2 Obstructed High Forward Reach



10 max/ Figure 308.3.1

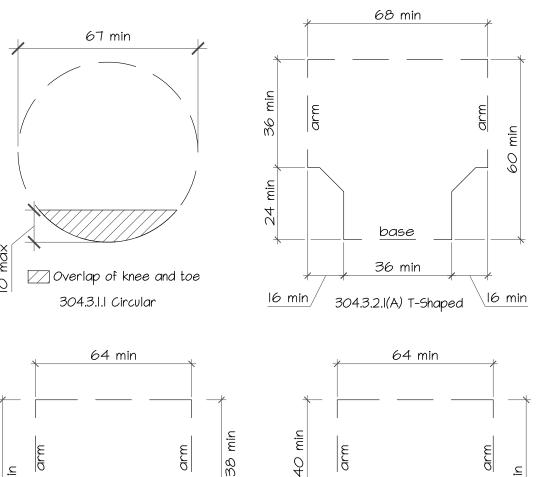


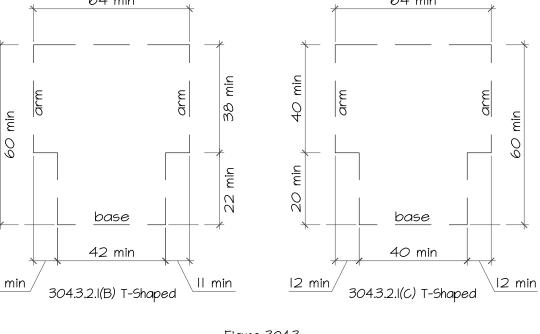
308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the floor. 308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space complying with ICC/ANSI AII7.1-2017 Section 305 and knee and toe clearance complying with ICC/ANSI AII7.1-2017 Section 306 shall extend beneath the element for a distance not Tess than the required reach depth over the obstruction. The high forward reach shall be 48" maximum above the floor where the reach depth over the obstruction is 20" maximum. The high forward reach shall be 44" maximum above the floor where the reach depth over the obstruction is greater than 20" and not more than 25" maximum.

308.3.1 Unobstructed. Where a clear floor space complying with ICC/ANSI Section 305 allows a parallel approach to an element and the edge of the clear floor space is 10" maximum from the element, the high side reach shall be 48" maximum and the low side reach shall be

Exception: 1. Existing elements that are not altered shall be permitted at 54" maximum above the floor. 2. Operable parts on fuel dispensers installed on existing curbs shall be permitted at 54" maximum above the floor. 308.3.2 Obstructed High Reach. Where a clear floor space complying with ICC/ANSI

AII7.I-2017 Section 305 allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum above the floor and the depth of the obstruction shall 24" maximum. The high side reach shall be 48" maximum above the floor for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum above the floor for a reach depth of 24" maximum.

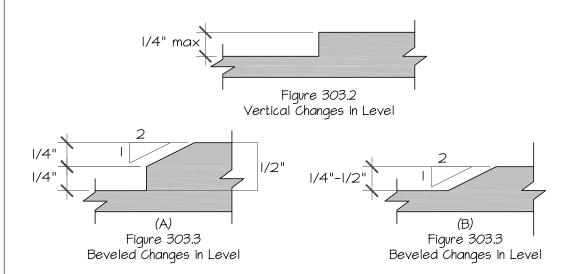




Size of Wheelchair Turning Space

304.2 FLOOR SURFACE. Floor surfaces of a turning space shall comply with ICC/ANSI AII7.I-2017 Section 302. Changes in level shall not be permitted within the turning space. Slopes not steeper than 1:48 shall be permitted. <u>304.3 SIZE.</u> Turning space shall comply with ICC/ANSI A-117.1-2017 Sections 304.3.1 or 304.3.2. (Fig.

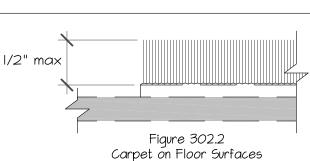
## 304 MHEELCHAIR TURNING SPACE



 $\underline{303.2~\text{VERTICAL.}}$  Changes in level of  $\frac{1}{4}\text{"}$  maximum in height shall be permitted to be vertical. (Fig. 303.3 BEVELED. Changes in level greater than  $\frac{1}{4}$ " in height and not more than  $\frac{1}{4}$ " maximum in height

shall be beveled with a slope not steeper than 1:2 (Fig. 303.3) 303.4 RAMPED. Changes in level greater than  $\frac{1}{2}$ " in height shall be by a ramp complying with ICC/ANSI AII7.7-2017 Section 405 or by a curb ramp complying with ICC/ANSI AII7.1-2017 Section 406.

303 CHANGES IN LEVEL



302.1 GENERAL. Floor surfaces shall be stable, firm and slip resistant, and shall comply with ICC/ANSI All7.1-2017 Section 302. Changes in level in floor surfaces shall comply with ICC/ANSI All7.7-2017

302.2 CARPET. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. The pile shall be ½" maximum in height. Exposed edges of carpet shall be fastened to the floor and shall have trim along the entire length of the exposed

edge. Carpet edge trim shall comply with ICC ANSI A117.1-2017 Section 303.

404 DOORS AND DOORMAYS

G 308 REACH RANGES

1990 AND KNOWN AS THE "ARCHITECTURAL MORE:
COPYRIGHT PROTECTION ACT OF 1990." THE
PROTECTION INCLUDES BUT IS NOT LIMITED TO,
THE OVERALL FORM AS WELL AS THE
ARRANGEMENT AND COMPOSITION OF SPACES
AND ELEMENTS OF THE DESIGN, UNDER SUCH
PROTECTION, UNAUTHORIZED USE OF THESE PLANS
WORK, OR FORMS PRESENTED CAN LEGALLY
RESULT IN THE CESSA-TION OF SUCH
CONSTRUCTION OR BUILDINGS BEING SEIZED
AND/OR RAZED

DLB, KG 01-15-2020

2. Nails shall comply with ASTM F 547 or ASTM C 514. Other nails, suitable for the intended use. and having dimensions not less than those specified in this Manual shall be permitted as substitutions.

3. Fasteners installed along the edges of gypsum board shall be placed along the paper bound edges on the long dimension of the board. Fasteners at the end shall be placed along mill or field cut ends

on the short dimension. Fasteners on the perimeter of the board shall be placed along both edges and ends.

4. Screws meeting ASTM C 1002 shall be permitted to be substituted for the prescribed nails, one for one, when the

and head diameter of the screws equal or exceed those of the nails specified in the tested system and the screw spacing does not exceed the spacing specified for the nails in the tested system.

5. Vertically applied gypsum board shall have the edges parallel to framing members Horizontally applied gypsum board 16. Specified floor-ceiling and roof-ceiling framing sizes or shall have the edges at right angles to the framing members. Intermediate vertical framing members are those between the vertical edges or ends of the board.

6. Unless otherwise specified, the face layers of all systems, except those with predecorated or metal covered surfaces, shall 17. Within design limitations, the distance between parallel have joints taped (minimum Level 1 as specified in GA-214, Recommended Levels of Gypsum Board Finish) and fastener heads treated. Base layers in multi-layer systems shall not be required to have joints or fasteners taped or covered with joint compound.

7. When a fire-resistance rated partition extends above the ceiling, the gypsum board joints occurring above the ceiling 18. Systems tested with metal furring channels attached need not be taped and fasteners need not be covered when all of the following conditions

a. The ceiling is part of a fire-resistance rated floor-ceiling or roof-ceiling system;

b. All vertical joints occur over framing members;

c. Horizontal joints are either staggered 24 inches o.c. on is a two-ply system with joints staggered 16 inches or 24 the systems, with either directly attached or suspended inches o.c.; and

d. The partition is not part of a smoke or sound control system. Where joint treatment is discontinued at or just

above the ceiling line, the vertical joint shall be cross taped at this reduce the possibility of joint cracking. location to

8. Metallic outlet boxes shall be permitted to be installed in

and steel stud walls or partitions having gypsum board facings permitted to be added to any system. and classified as two hours or less. The surface area of individual boxes shall not exceed 16 square inches. The aggregate surface area of the boxes shall not exceed 100 square inches in any 100 square feet. Boxes located on opposite sides of walls or partitions shall be in separate stud cavities and shall be separated by a minimum horizontal distance of 24 inches Approved nonmetallic outlet boxes shall be permitted as allowed by local code.

9. Water-resistant gypsum backing board shall be installed over or as part of the fire-resistance rated system in shower and tub areas to receive ceramic or plastic wall tile or plastic finished wall panels. When fire or sound ratings are necessary, the gypsum board required for the rating shall extend down to the floor behind fixtures so that the construction will equal that of the tested system. (See Figure 1 on page 9.)

Note: The use of water-resistant gypsum backing board as a acceptable for use in the specific system in which they are base for tile in wet areas is regulated by local codes. Consult local building codes for requirements.

10. When not specified as a component of a fire tested wall

partition system, mineral fiber, glass fiber, or cellulose fiber space shall comply with UMC section 602.2 Materials shall shall be permitted to be added within the stud cavity

11. In floor-ceiling or roof-ceiling systems, the addition or deletion of mineral or glass fiber insulation in ceiling joist spaces could possibly reduce the fire- resistance rating The addition of up to 163/4 inches of 0.5 pcf glass fiber insulation (R-40), either batt or loose-fill, to any 1- or 2-hour fire resistance rated floor-ceiling or roof-ceiling system having a cavity deep enough to accept the insulation is permitted provided that one additional layer of either 112 inch type X or 5/s inch type X gypsum board is applied to the ceiling. The additional layer of gypsum board shall be applied as

described for the face layer of the tested system except that the fastener length shall be increased by not less than the thickness of the additional layer of gypsum board.

12. In each system containing batt or blanket insulation the for fire resistance, the system shall be built using the type specified.

13. Although the systems are arranged in general groupings (i.e. walls and interior partitions, floor- ceilings, roof-ceilings, etc.), this is not intended to limit their use only to the specific

category in which they are listed. For example, systems listed as shaft walls shall be permitted to be used as interior partitions. However, systems tested vertically (walls and partitions) shall not be permitted to be arbitrarily used in a horizontal orientation.

14. Metal studs and runners are nominal 25 gage unless otherwise specified. Greater stud sizes (depths) shall be permitted to be used in metal- or wood-stud systems. Metal studs of heavier gage than those tested shall be permitted. The assigned rating of

any load-bearing system

shall also apply to the same system when used as a nonload-bearing system. Indicated stud spacings are maximums.

truss dimensions are minimums. Greater joist or truss sizes (depths) shall be permitted to be used in metal- or wood-framed systems. Indicated joist and truss spacings are maximums.

of studs, such as in a chase wall, shall be permitted to be increased beyond that tested. When stud cavities in walls constructed of parallel rows of steel stude exceed 9112 inches and cross bracing is required the cross bracing shall be fabricated from steel studs.

directly to the bottom chords of steel beams, bar joists, or wood trusses or framing shall be permitted to be suspended. Generally, furring channels are attached to 1112 inch cold rolled carrying channels

48 inches o.c. suspended from joists by 8 gage wire hangers spaced not greater than 48 inches o.c.

opposite sides of the partition, or are covered with strips of 19. Floor-ceiling and roof-ceiling systems were fire tested at gypsum board not less than 6 inches wide; or the partition less than 36 inches total depth. However, the total depth of ceiling membranes, shall be permitted to extend greater than

> 20. Where laminating compound is specified, taping, allpurpose, and setting type joint compounds shall be

21. Additional layers of type X or regular gypsum board shall

22. When not specified as a component of a fire- resistance rated wall or partition system, wood structural panels shall be permitted to be added to one or both sides. Such panels shall be permitted to be applied either as a base layer directly to

framing (under the gypsum board), as a face layer (over the face layer of gypsum board), or between layers of gypsum board in multi-layer systems.

When such panels are applied under the gypsum board or between layers of gypsum board the length of the fasteners specified for the attachment of the gypsum board applied over the wood structural panels shall be increased by not less than the thickness of the wood structural panels. Fastener spacing for the gypsum board and the number of layers of gypsum board shall be as specified in the system description.

23. Each proprietary system lists specific products that are listed Consult the manufacturer for information on additional proprietary products that are suitable for use in specific proprietary systems.

24. All combustible materials exposed within the plenum insulation of a thickness not exceeding that of the stud depth have a mold, humidity and erosion-resistant face that meets the requirements of UL 181

STRUCTURAL STEEL COLUMNS

GA FILE NO. CM 1450

**GENERIC** 

**GYPSUM WALLBOARD, STEEL COLUMN COVER BASE LAYER** ½" type X gypsum wallboard applied around TS4x4x0.188 tube steel column and held in place with paper masking tape. **SECOND LAYER** <sup>1</sup>/<sub>2</sub>" Type X gypsum wallboard applied around column and held in place with paper masking tape. FACE LAYER either 24 ga. galvanized steel column cover consisting of two L-shaped sections with snap-lock sheet steel joints or 22 ga. galvanized steel column covers consisting of two L-shaped sections with lap joints fastened with No.  $8x_{\overline{2}}^{1}$ " sheet metal screws 12" o.c.

UL NC505, 77NK1518.

1 HOUR

FIRE

UL NC505-(1-6), 71NK2639, 12-23-75 **UL DESIGN X526** 

ADDITIONAL SHEAR PANEL REQUIREMENTS IF ANY INTERIOR & EXTERIOR STEEL COLUMNS

COLUMNS THAT REQUIRE THE 1 HR FRR ARE ALL NOT

Horizontal joints staggered 24" between layers.

**ENCLOSED WITHIN A FIRE RATED ASSEMBLY** 

INTUMESCENT PAINT - A/D FIREFILM III

A/D FIREFILM III MUST BE APPLIED OVER A COMPATIBLE PRIMER TOPCOAT IS OPTIONAL FOR INTERIOR CONDITIONED SPACE. - SEE MFGR DETAILS FOR APPLICATION AND OTHER REQUIREMENTS - SEE PLANS FOR REQUIRED FRR

REFER TO STRUCTURAL DRAWINGS FOR STUD SIZES AND SPACING, AND

GARAGE DOORS

NOTE TO BUILDER:

**ACOUSTICAL DESIGN** 

GARAGE DOOR TRACKS AND DIVE MECHANISM MUST BE VIBRATION ISOLATED FROM THE BUILDING STRUCTURE. THE EXACT METHOD OF ISOLATION WILL BE DETERMINED AFTER DOOR AND DOOR TRACK MECHANISM SELECTION IS

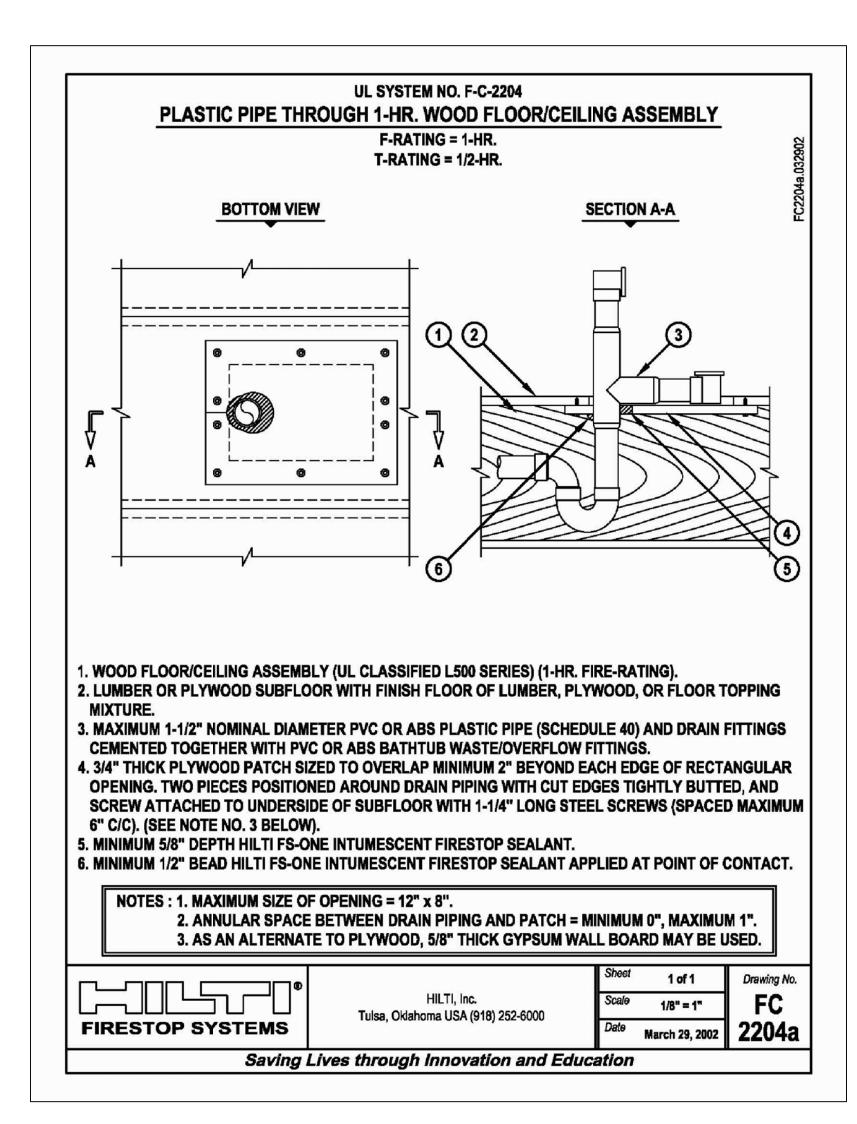
ENGINEERING DYNAMICS, INC.

FIRE RESISTIVE CONSTRUCTION ASSEMBLIES

INTERIOR WOOD COLUMNS

GYPSUM WALLBOARD, INTERIOR WOOD COLUMNS

Two layers 5/8" type 'X' gypsum wallboard individually encasing wood columns for 1 HR FRR per IBC 704.2.



PLUMBING FRAMING SECTION OFLOOR/CEILING ASSEMBLY STAIRWELLS AND STAIRS

GA FILE NO. WP 8105

suppress air bourne noise transmission

assembly may have less than 10' FSD.

**ACOUSTICAL DESIGN** 

8" FILLED CMU WALLS OR 8" CONCRETE - LOCATIONS VARY - SEE PLANS FIRE RESISTANCE RATING OF CMU TO COMPLY WITH 2015 IBC SECTION 721.1(2) 3 [3.2" OVERALL THICKNESS EXPANDED SLAG OR PUMICE CMU = 2 HOURS FRR]

FIRE RESISTANCE RATING OF CONCRETE TO COMPLY WITH 2015 IBC SECTION 721.1(2) 4-1.1
[4.2" OF SILICEOUS AGGREGATE CONCRETE = 2 HR FRR]

AT STAIR USE STEEL PAN STAIRS & LANDINGS WITH INFILL CONCRETE TREADS. DO NOT USE BARE STEEL

GENERIC

ALL OPENINGS TO HAVE 90-MIN PROTECTION RECOMMENDATIONS

USE NON-METALLIC WHEELS IN ELEVATOR TRACKS; i.e. NEOPRENE, ETC.

STAIR STRINGERS SHALL NOT BE ATTACHED TO OR TOUCH THE STAIRWELL SHAFT CMU WALLS.

STAIRS SHALL BE SUPPORTED AT THE LANDINGS ONLY. MINIMUM GAP BETWEEN STAIR STRINGER AND CMU SHALL BE  $\frac{1}{4}$ ". ENGINEERING DYNAMICS, INC.

**EXTERIOR WALLS, INTERIOR & EXTERIOR RATED** 

Exterior cladding to be attached through sheathing to studs.

GYPSUM WALLBOARD, GYPSUM SHEATHING, WOOD STUDS EXTERIOR SIDE: For finish material see Elevations. One layer 48" wide 5/8" type X gypsum sheathing applied parallel to 2 x 4 wood studs 24" o.c. with 1 3/4" galvanized roofing nails 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates. Joints of gypsum sheathing may be left untreated.

(See Explanatory Note #22 if structural wood panels are needed at exterior.) INTERIOR SIDE: One layer 5/8" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails 1 7/8" long, 0.0915"

shank, 1/4" heads 7" o.c. (LOAD-BEARING) Provide  $\frac{1}{4}$ " to  $\frac{1}{2}$ " acoustical sealant typical at all floor/wall and wall/ceiling and wall/wall assemblies to

Refer to structural drawings for stud sizes and spacing, and additional shear panel requirements. See GA explanatory note 22 if additional structural panels required.

Minimum R-21 in all exterior wall locations - See UL U309 for glass fiber insulation types See diagram 1/A0.2 for locations of interior & exterior rated exterior wall. Note walls using this

INTERIOR WALLS - NON-LOAD BEARING

GYPSUM WALLBOARD, WOOD STUDS

Minimum one layer ½" type 'X' gypsum wallboard applied parallel or at right angles to each side of single row of 2x4 or 2x6 wood studs. All interior walls required to have double top plates. All penetrating items through the double top plates are to be protected in accordance with 2015 IBC Section 714.4.1.1 or

714.4.1.2. Ceiling membrane to be tight to the top plates. SEE DETAIL 20/A9.2

SLOPED ROOF & STAIR ROOF-CEILING SYSTEM GA FILE NO. RC 2750

**GYPSUM WALLBOARD, RIGID FURRING CHANNELS** 

WOOD JOISTS or WOOD I-JOISTS, ROOF COVERING

Base layer 5/8" type X gypsum wallboard applied at right angles to either 2 x 10 wood joists or 9 1/2" deep wood I-joists 24" o.c. with 1 1/4" Type W drywall screws 12" o.c. Second layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. Third layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2 1/2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists or I-joists over third layer with two 2 1/2" long Type W drywall screws at each joist or I-joist. Face layer 5/8" type X gypsum wallboard applied at right angles to furring channels with 1 1/8" Type S drywall screws 12" o.c. Wood joists or I-joists supporting 3/4" T & G edge plywood applied at right angles to joists or I-joists with 8d nails 6" o.c. at joints and

12" at intermediate joists or I-joists. Appropriate roof covering. Ceiling provides two-hour

fire-resistance protection for wood framing. PROVIDE ACOUSTICAL SEALANT TYPICAL AT ALL FLOOR/WALL AND WALL/CEILING AND WALL/WALL ASSEMBLIES TO SUPPRESS AIR BOURNE NOISE TRANSMISSION

SEE UNVENTED ATTIC DETAIL 22/A9.2 FOR COMBINATION POLYISOCYANURATE & NONCOMBUSTIBLE BATT INSULATION TO MEET R-49 MINIMUM REQUIREMENT

GENERIC

GENERIC

ADD (1) LAYER 5 TYPE 'X' GYP TO COMPLY WITH GENERAL EXPLANATORY NOTE 11

FLOOR-CEILING WOOD-FRAMED GA FILE NO. FC 5241

WOOD I-JOISTS, GYPSUM WALLBOARD.

RESILIENT CHANNELS Base layer 1/2" type X gypsum wallboard applied at right angles to resilient channels 16' o.c. with 1 1/4" Type S drywall screws 12" o.c. Resilient channels applied at right angles to minimum 9 1/2" deep wood I-joists, with minimum 1 1/4" deep x 1 1/2" wide flanges and minimum 3/8" webs, 24" o.c. with 1 1/4" Type W drywall screws. Face layer 1/2" type X gypsum wallboard applied at right angles to channels with 1 5/8" Type S drywall screws 12" o.c. Face layer end joints located midway between channels and attached to base layer with 1 1/2" type G screws 12" o.c. Edge joints offset 24" from base layer edge joints. Wood I-joists supporting 5/8" oriented strand board applied at right angles to I-joists with 8d common nails 12" o.c.

†Contact the manufacturer for more detailed information on proprietary products.

ACOUSTICAL DESIGN FLOOR FINISH: HARDWOOD

11 T&G SUBFLOORING

GA FILE NO. FC 5241

RC CHANNEL - CLARK DIETRICH RC DELUXE RESILIENT CHANNEL <sup>1</sup>/<sub>2</sub>" GYP BOARD

BALCONY FLOOR ASSEMBLY WOOD-FRAMED

WOOD I-JOISTS, GYPSUM WALLBOARD, RESILIENT CHANNELS

Base layer 1/2" type X gypsum wallboard applied at right angles to resilient channels 16" o.c. with 1 1/4" Type S drywall screws 12" o.c. Resilient channels applied at right angles to minimum 9 1/2" deep wood I-joists, with minimum 1 1/4" deep x 1 1/2" wide flanges and minimum 3/8" webs, 24" o.c. with 1 1/4" Type W drywall screws. Face layer 1/2" type X gypsum wallboard applied at right angles to channels with 1 5/8" Type S drywall screws 12" o.c. Face layer end joints located midway between channels and attached to base layer with 1 1/2" type G screws 12" o.c. Edge joints offset 24" from base layer edge joints. Wood I-joists supporting 5/8" oriented strand board applied at right angles to I-joists with 8d common nails 12" o.c.

†Contact the manufacturer for more detailed information on proprietary products.

<sup>1</sup>/<sub>2</sub>" GYP BOARD

LEVEL CONCRETE PAVERS ON ADJUSTABLE PEDESTALS ON DRAINAGE MAT ON 60 MIL EPDM OR TPO MEMBRANE ROOFING (CLASS B) WRAP MIN 10" UP INSIDE FACE OF ALL WALLS 3/4" FLOOR SHEATHING

FULL CAVITY FILL FIBERGLASS BATT INSULATION, R-38 BATT INSULATION OR BLOWN RC CHANNEL - CLARK DIETRICH RC DELUXE RESILIENT CHANNEL

45 to 49 STC FIRE SOUND Approx. Ceiling

NRCC A-4440.1 (Revised),

NRCC B-3150.2, 6-30-00 40 (68 C & P) NRCC B-3150,2, 6-30-00 NRCC B-3150.2, 6-30-00

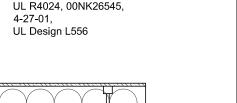
NOTE: PROVIDE ADDITIONAL LAYER OF GYP BOARD AS REQUIRED TO INSURE THAT SYSTEM MEETS ALL REQUIREMENTS FOR FIRE SEPARATION, FIRE SPRINKLER, AND STC/ICC. ANY DISCREPANCIES TO BE COORDINATED WITH OWNER AND THIS OFFICE PRIOR TO CONSTRUCTION





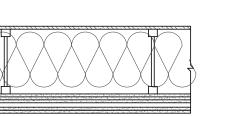


IGGO AND KNOWN AS THE "ARCHITECTURAL WORK
COPTRIGHT PROTECTION ACT OF IGGO." THE
PROTECTION INCLUDES BUT IS NOT LIMITED TO,
THE OVERALL FORM AS WELL AS THE
ARRANGEMENT AND COMPOSITION OF SPACES
AND ELEMENTS OF THE DESIGN. UNDER SUCH
PROTECTION, UNAUTHORIZED USE OF THESE PLAN
WORK, OR FORMS PRESENTED CAN LEGALLY
RESULT IN THE CESSA- TION OF SUCH
CONSTRUCTION OR BUILDINGS BEING SEIZED
AND/OR RAZED



2 HOUR

FIRE



45 to 49 STC

NRCC B-3150.2, 6-30-00

NRCC B-3150.2, 6-30-00

NRCC B-3150.2, 6-30-00

40 (68 C & P)

SOUND

CMU

OR

CONCRETE

1 HOUR

FIRE

See WP 3510

UL Design U309;

UL Design U314)

Approx. Ceiling

**FIRE** 

Approx. Ceiling

Fire Test:

Sound Test:

NOTE: PROVIDE ADDITIONAL LAYER OF GYP BOARD AS REQUIRED

TO INSURE THAT SYSTEM MEETS ALL REQUIREMENTS FOR FIRE

DISCREPANCIES TO BE COORDINATED WITH OWNER AND THIS

SEPARATION, FIRE SPRINKLER, AND STC/ICC. ANY

OFFICE PRIOR TO CONSTRUCTION

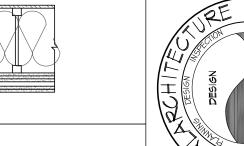
(UL R3501-47, -48, 9-17-65.

UL R1319-129, 7-22-70,

Thickness:

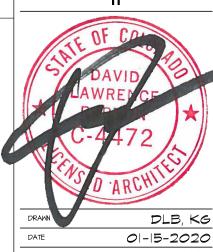
**GENERIC** 

Approx Weight 7 psf







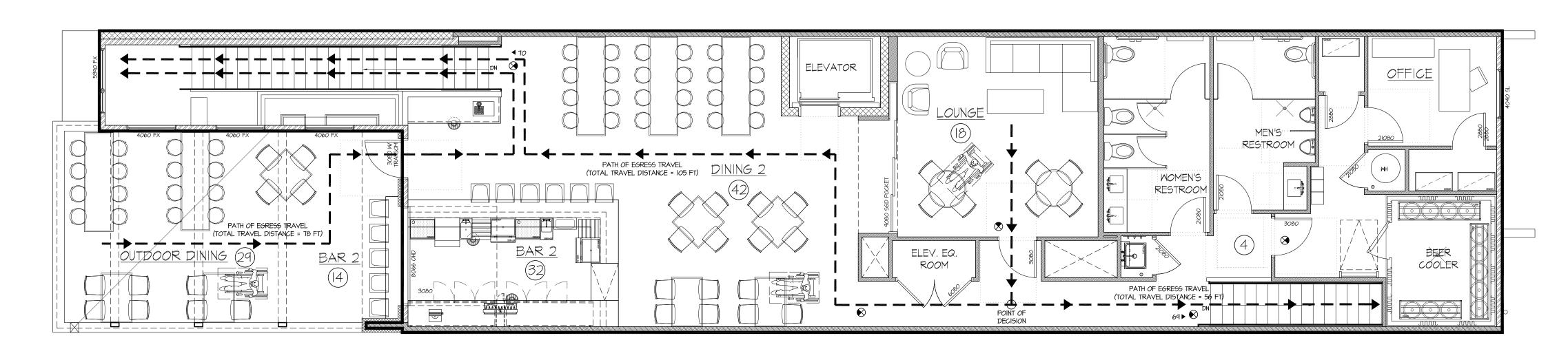




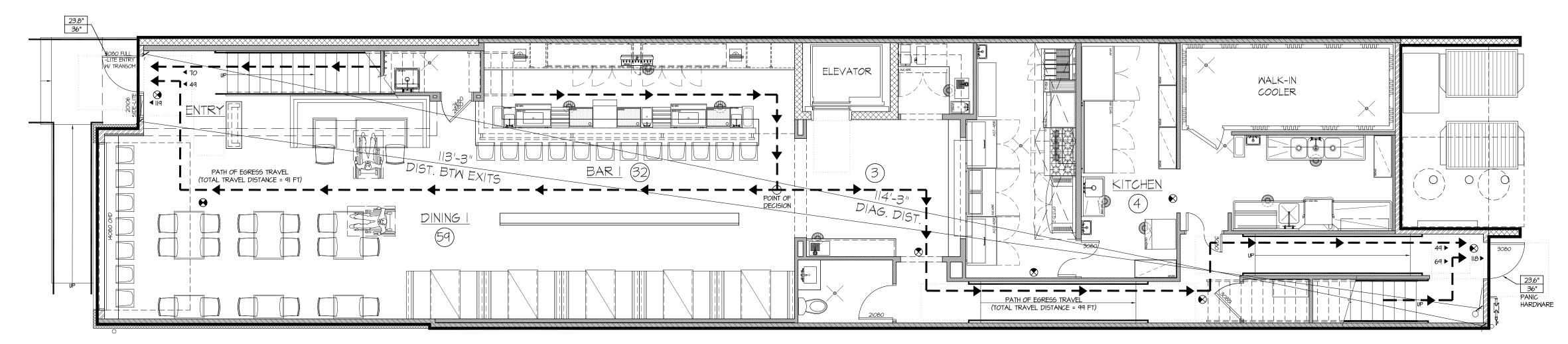
REVISIONS

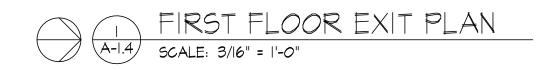












## PROJECT INFORMATION

ADDRESS: 2917 W. 25TH AVE. DENVER, COLORADO 80211

DESCRIPTION: RESTAURANT AND BAR

GOVERNING CODES: 2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2015 INTERNATIONAL BUILDING CODE (IBC), 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 INTERNATIONAL MECHANICAL CODE (IMC), 2015 INTERNATIONAL FUEL-GAS CODE (IFGC), 2015INTERNATIONAL PLUMBING CODE (IPC), 2015 INTERNATIONAL FIRE CODE

(IFC), 2015 NATIONAL ELECTRIC CODE (NEC), 2016 DENVER BUILDING CODE AMENDMENTS, AMERICAN NATIONAL STANDARD INSTITUTE ICC/ANSI AII7.I-2009

OCCUPANCY: A-2

VA; AUTOMATIC SPRINKLER SYSTEM INSTALLED UNDER SEPARATE PERMIT

ZONING: G-MS-3

## CODE STUDY

ALLOWABLE AREA & HEIGHTS (2015 IBC: TABLE 504.3, 504.4, 506.2)

OCCUPANCY GROUP A-2

BASIC ALLOWABLE AREA: 46,000 SF (PER TABLE 506.2; SM) ACTUAL AREA: 4,758 SF

ALLOWABLE HEIGHT: 3 STORIES; 70'-0" MAX HEIGHT ACTUAL HEIGHT: 3 STORY

### OCCUPANCY LOAD: 237 PEOPLE

OCCUPANT LOA	J (2015 H	BC: TABLE	1004.1.2

OCCUPANCY AREA	NET AREA	IBC TABLE 1004.1.2 USE	LOAD FACTOR	TOTAL OCCUPANTS	SEATS
MAIN FLOOR					
DINING I	874 SF	ASSEMBLY W/ FIXED SEATS (UNCONCENTRATED)	I5 NET	59	53
BAR I SEATING	95 SF	DBCA SEC 1004.1.2 EXCEPTION	I PER 3 SF	32	12
STORAGE, ELEVATOR, ENTRY, STAIR, BAR	897 SF	ACCESSORY AREA	300 GR055	3	0
KITCHEN	649 SF	COMMERCIAL KITCHEN	200 GR055	4	0

### SECOND FLOOR

SLOOKD I LOOK					
DINING 2	623 SF	ASSEMBLY W/ FIXED SEATS (UNCONCENTRATED)	15 NET	42	40
BAR 2 SEATING	96 SF	DBCA SEC 1004.1.2 EXCEPTION	I PER 3 SF	32	6
LOUNGE	261 SF	ASSEMBLY W/ FIXED SEATS (UNCONCENTRATED)	I5 NET	18	15
RESTROOMS, ELEVATOR, STAIR, BAR, OFFICE	1,036 SF	ACCESSORY AREA	300 GR055	4	0
OUTDOOR DECK					
BAR 2 SEATING	40 SF	DBCA SEC 1004.1.2 EXCEPTION	I PER 3 SF	14	5
OUTDOOR DINING	421 SF	ASSEMBLY W FIXED SEATS (UNCONCENTRATED)	I5 NET	29	28
		GRAND TOTAL	OCCUPANTS	237	159

EXITING REQUIREMENTS (2015 IBC: SECTION 1005)

237 OCCUPANTS TOTAL = 237 OCCUPANTS X O.2" = 47.4"

EXIT STAIR REQUIREMENTS: 139 OCCUPANTS X O.3" = 42" STAIRWAY WIDTH

44" STAIRWAY WIDTH PROVIDED

REQUIRED EXITS: 2 PROVIDED EXITS: 2

RESTROOM REQUIREMENTS (2015 IBC: TABLE 2902.1)

### TOTAL OCCUPANTS = 237 MEN/WOMEN = 119

	REQUIRED	PROVIDED	
MEN'S WATER CLOSET	2	*	*IPC SECTION 419.2:
MEN'S URINAL	0	2*	URINALS SHALL NOT BE SUBSTITUTED
MEN'S LAVATORY	l	l	FOR MORE THAN 50 PERCENT OF THE REQUIRED WATER CLOSETS IN ALL
WOMEN'S WATER CLOSET	2	3	OTHER OCCUPANCIES
WOMEN'S LAVATORY		2	
UNISEX WATER CLOSET	0	1	
UNISEX LAVATORY	0		
TOTAL FIXTURES	6	II	

## EXITING LEGEND

PATH OF TRAVEL

EXIT SIGN

CALCULATED OCCUPANTS OF AREA

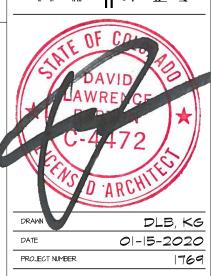
**#▶** CUMULATIVE OCCUPANT LOAD AT DOOR OR STAIR

#" REQUIRED EXIT WIDTH, IN INCHES #" PROVIDED EXIT WIDTH, IN INCHES

NOTE: REQUIRED EXIT WIDTH (IBC, SEC 1005.1) SHALL NOT BE LESS THAN: O.3"/OCCUPANT FOR STAIRWAYS & 0.2"/OCCUPNAT FOR OTHER EGRESS COMPONENTS

NOTE: EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 250' PER IBC TABLE 1017.2

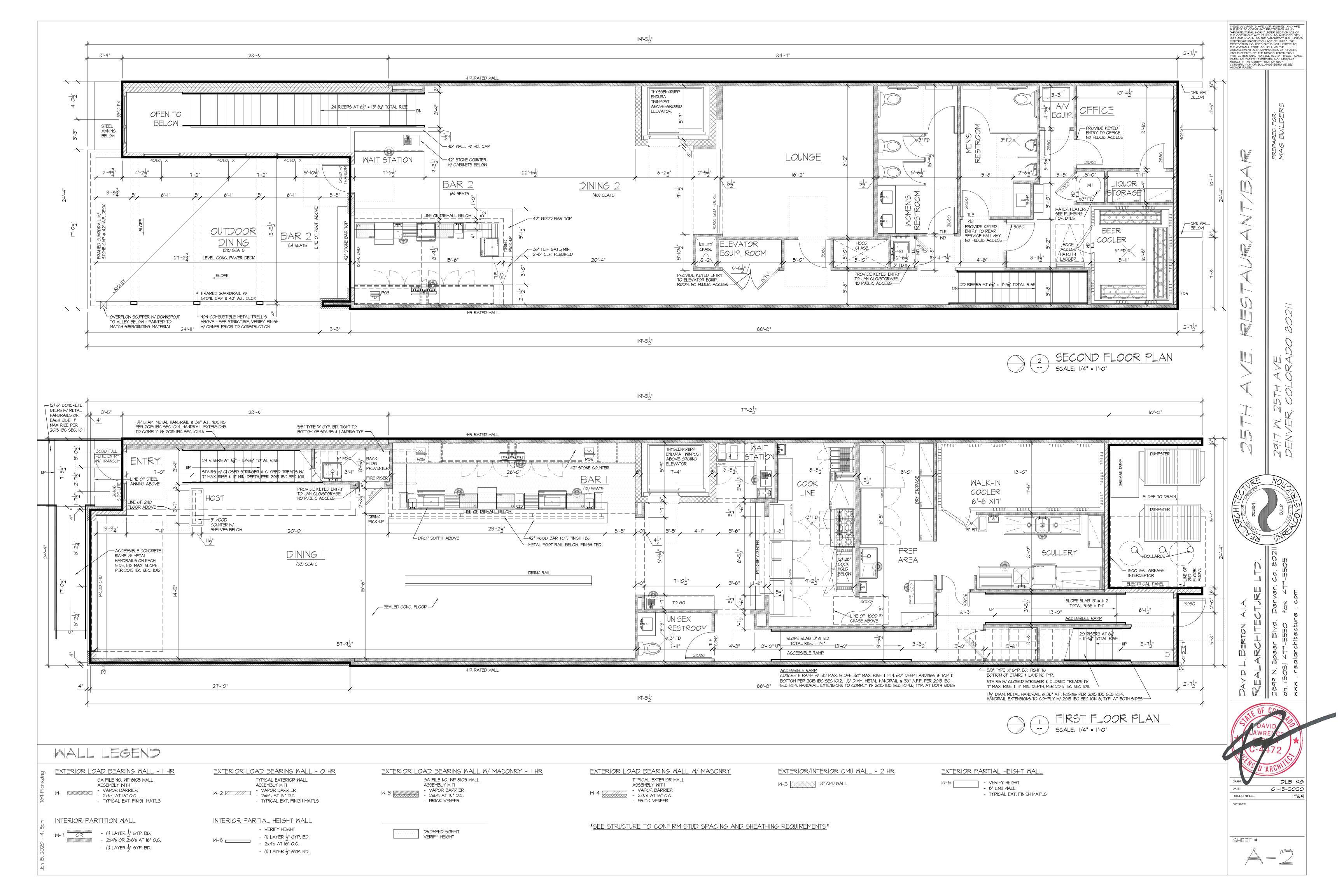
\*NOTE: PER IBC SEC 1010.1.9.3.2.2 PROVIDE READILY VISIBLE DURABLE SIGN AT MAIN ENTRY & SIDE DOOR POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING, "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". THE SIGN SHALL BE IN LETTERS I" HIGH ON A CONTRASTING BACKGROUND.

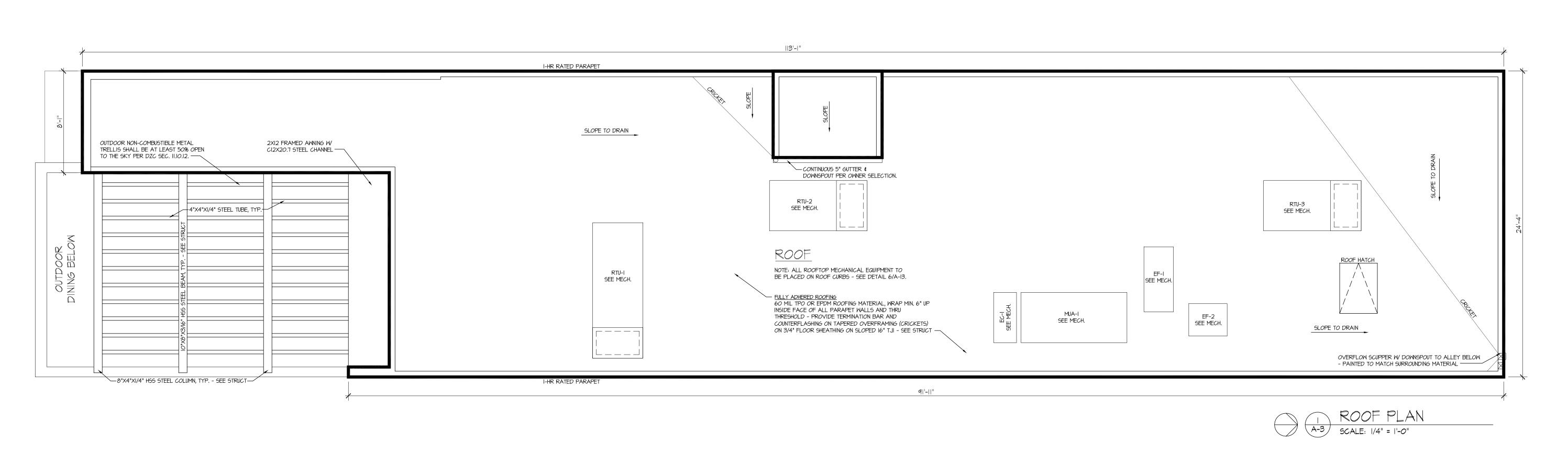


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DLB, KG 01-15-2020

PROJECT NUMBER

REVISIONS

SHEET # 

INTERIOR PARTITION WALL

W-I WAPOR BARRIER

W-7 OR - (I) LAYER ½" GYP. BD. - 2x4's OR 2x6's AT I6" O.C. - (I) LAYER  $\frac{1}{2}$ " GYP. BD.

MALL LEGEND

EXTERIOR LOAD BEARING WALL - I HR

GA FILE NO. WP 8105 WALL ASSEMBLY WITH

- 2x6's AT 16" O.C. - TYPICAL EXT. FINISH MAT'LS

EXTERIOR LOAD BEARING WALL - O HR TYPICAL EXTERIOR WALL ASSEMBLY WITH

W-2 /// - VAPOR BARRIER - 2x6's AT I6" O.C. - TYPICAL EXT. FINISH MAT'LS

INTERIOR PARTIAL HEIGHT WALL - VERIFY HEIGHT - (I) LAYER  $\frac{1}{2}$ " GYP. BD. M-8 \_\_\_\_\_\_ - 2x4's AT I6" O.C.

- (I) LAYER  $\frac{1}{2}$ " GYP. BD.

EXTERIOR LOAD BEARING WALL W/ MASONRY - I HR GA FILE NO. WP 8105 WALL ASSEMBLY WITH - VAPOR BARRIER

DROPPED SOFFIT VERIFY HEIGHT

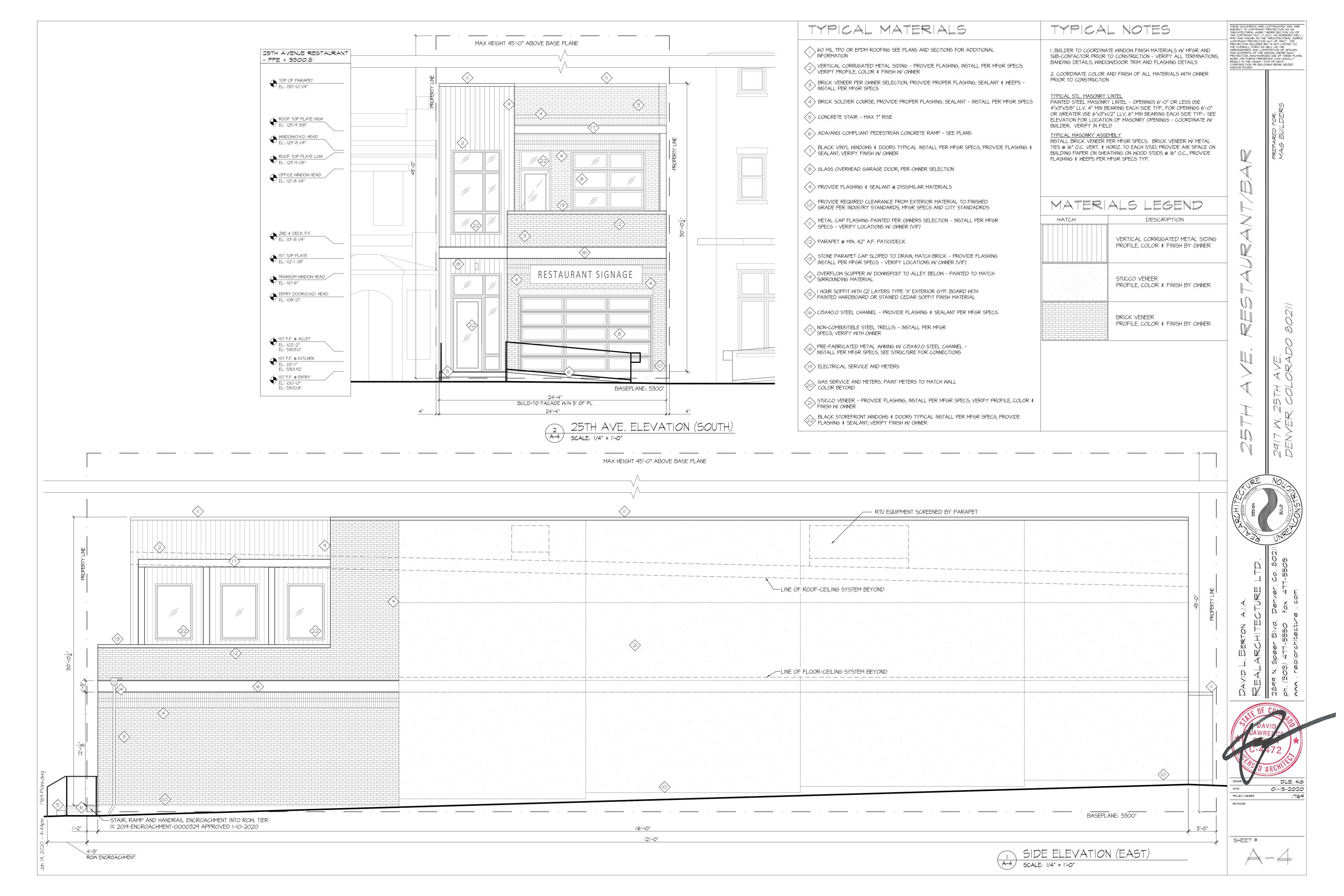
- 2x6's AT 16" O.C. - BRICK VENEER

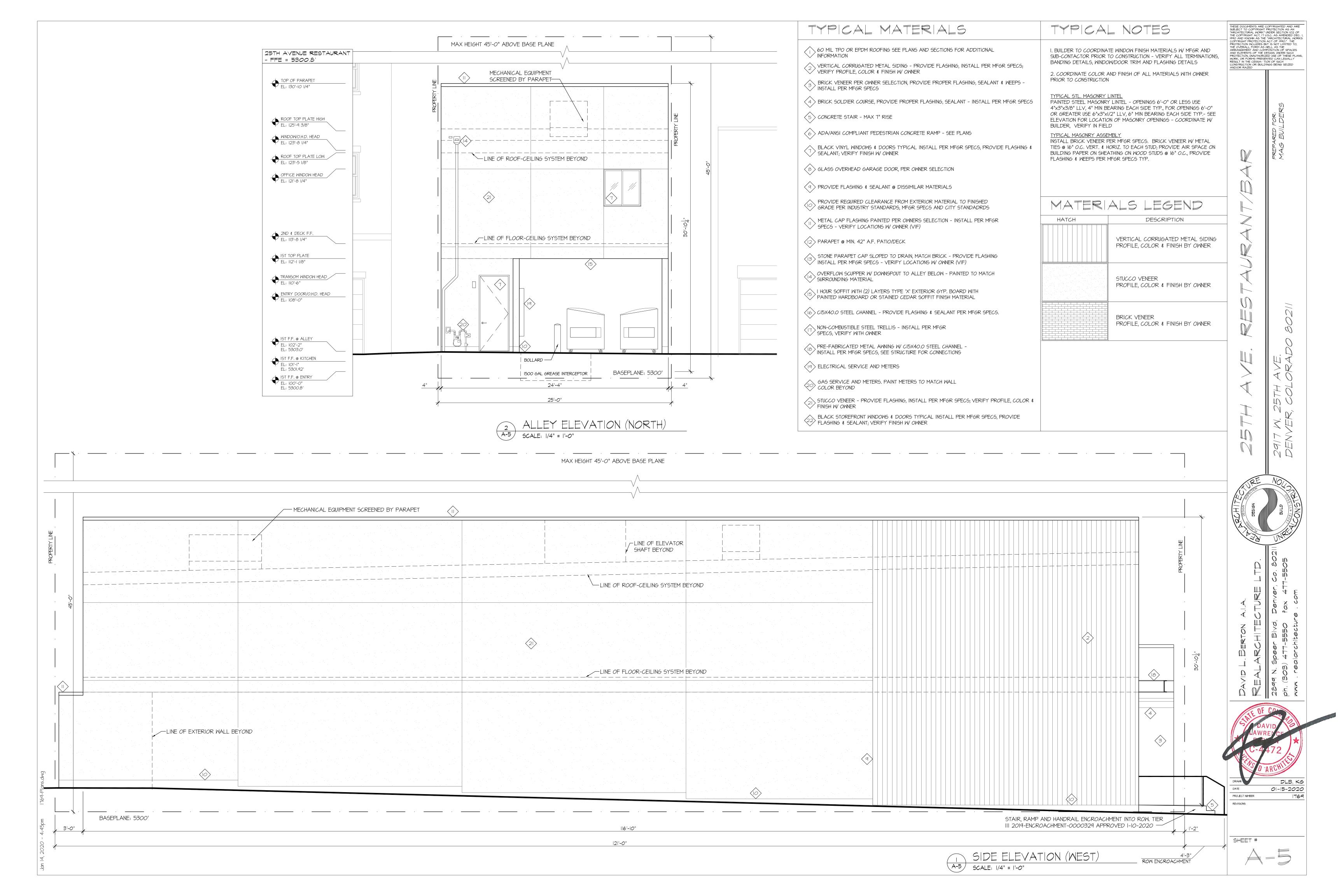
EXTERIOR/INTERIOR CMU WALL - 2 HR EXTERIOR LOAD BEARING WALL W/ MASONRY TYPICAL EXTERIOR WALL ASSEMBLY WITH - VAPOR BARRIER W-4 - VAPUR DARKIER - 2x6's AT 16" O.C. - BRICK VENEER

M-5 8" CMU WALL

EXTERIOR PARTIAL HEIGHT WALL - VERIFY HEIGHT - 8" CMU WALL - TYPICAL EXT. FINISH MAT'LS

\*SEE STRUCTURE TO CONFIRM STUD SPACING AND SHEATHING REQUIREMENTS\*





NOTE: THIS ILLUSTRATES THE CRITERIA FOR TOILET ROOM IDENTIFICATION SIGNS. SEE SPECIFICATION SECTION IN FEDERAL STANDARD 595B SECTION 15090 FOR SPECIFIC SIGNAGE INFORMATION.

BACKGROUND MATERIAL: FINISH & COLOR: EGGSHELL OR MATTE FINISH, LETTER TYPE: SANS-SERIF, UPPERCASE, CONTRASTING W/ WALL COLOR. SYMBOLS & CHARACTERS: CONTRASTING W/ WALL COLOR.

RAISED 1/32" MINIMUM ABOVE BACKGROUND SURFACE. HEIGHT %" MINIMUM, 2" MAXIMUM. FINISH & COLOR: EGGSHELL OR MATTE FINISH, LETTER PROPORTIONS: WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND I:1 AND STROKE PICTORIAL SYMBOL: WDITH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10. HEIGHT: 6" MIN.

INTERNATIONAL SYMBOL OF ACCESSIBILITY: CONTRACTED GRADE 2 BRAILLE: DOTS 16" ON CENTER IN EACH CELL, WITH 36" COLOR: WHITE FIGURE ON BLUE BACKGROUND. SPACE BETWEEN CELLS, DOTS RAISED 1/40" BLUE SHALL BE EQUAL TO COLOR NO. 15090 MINIMUM ABOVE BACKGROUND SURFACE.

ROOM NAME:

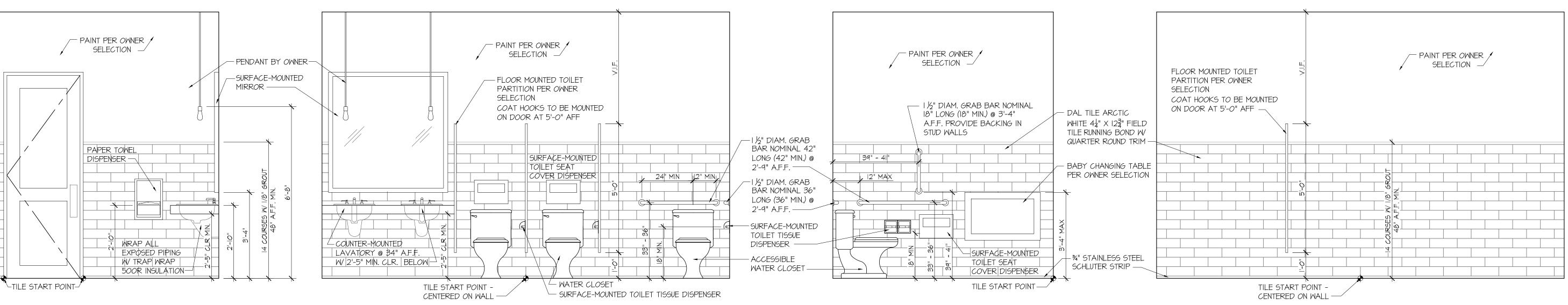
ROOM IDENTIFICATION SIGN ON WALL AT LATCH SIDE OF DOOR 4" MIN 12" MAX

RESTROOM SIGNAGE

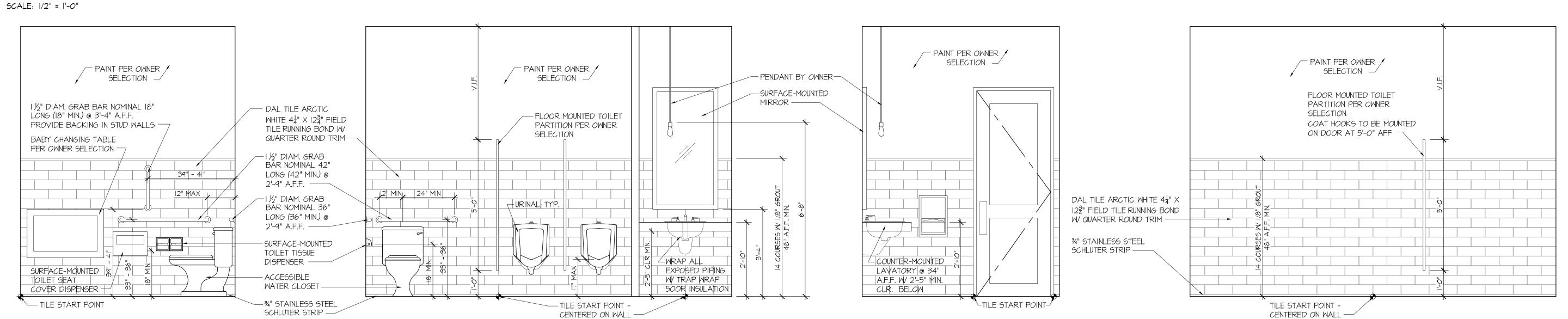
HEIGHT: 6" MIN.

IN FEDERAL STANDARD 595B.

SCALE: 1/2" = 1'-0"



WOMAN'S RESTROOM ELEVATIONS



MEN'S RESTROOM ELEVATIONS

SHEET #

PROJECT NUMBER

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DLB, KG

01-15-2020

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8'-2<sup>1</sup>

6'-2<del>|</del>

MEN'S

RESTROOM

3'-5<del>|</del>"

MOMEN'S

RESTROOM

ENLARGED RESTROOM PLAN

MD

5'-0"

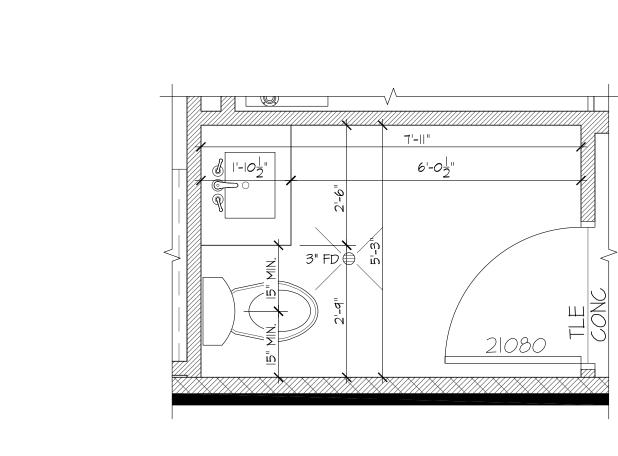
SCALE: 1/2" = 1'-0"

5'-0<del>\</del>5"

1'-10<sup>1</sup>

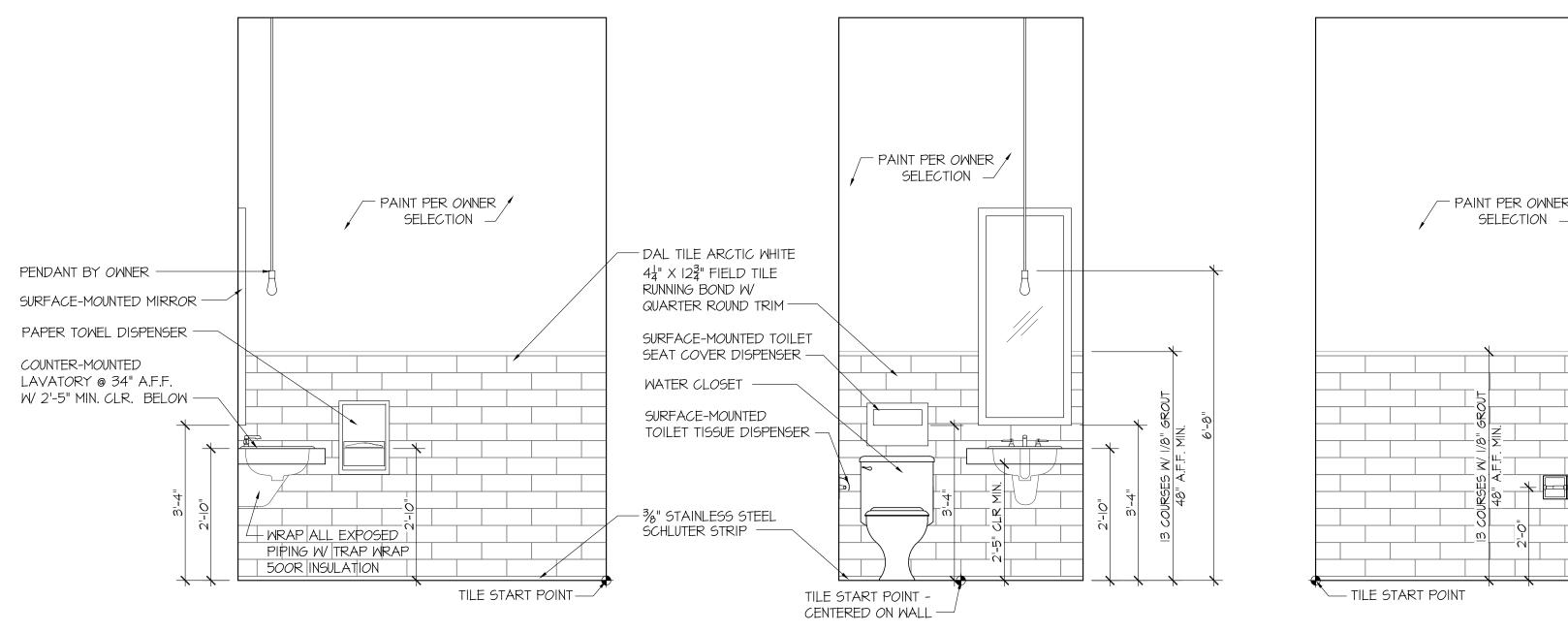
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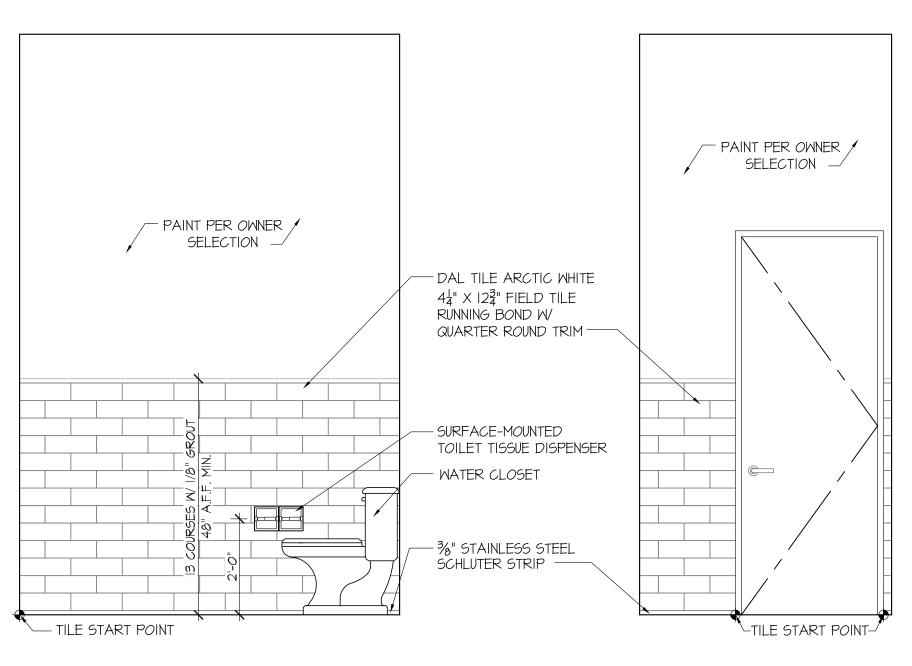
SCALE: 1/2" = 1'-0"



2 ENLARGED RESTROOM PLAN

SCALE: 1/2" = 1'-0"





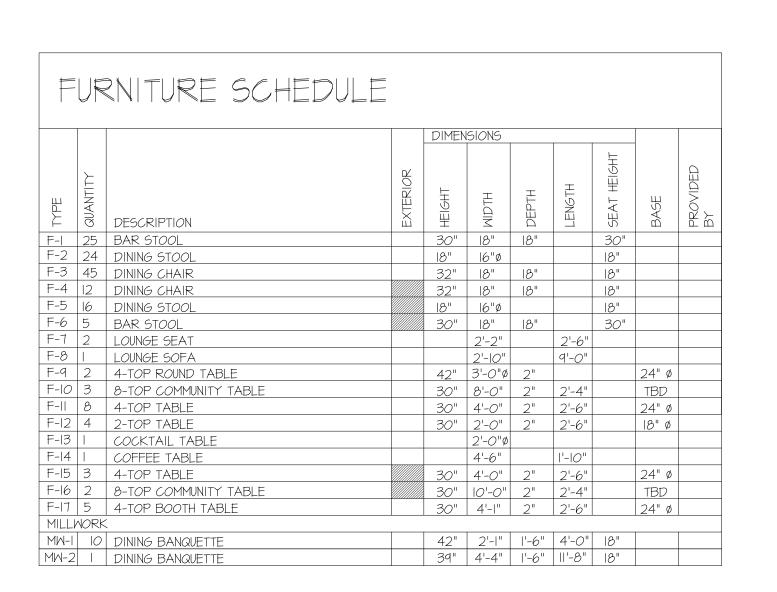
DLB, KG 0|-|5-2020 REVISIONS

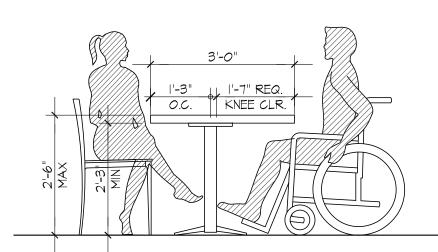
SHEET #

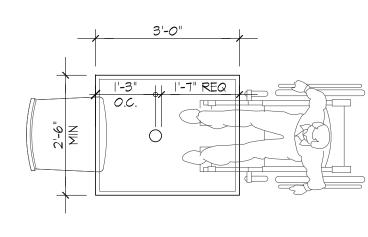
UNISEX RESTROOM ELEVATIONS

SCALE: 1/2" = 1'-0"

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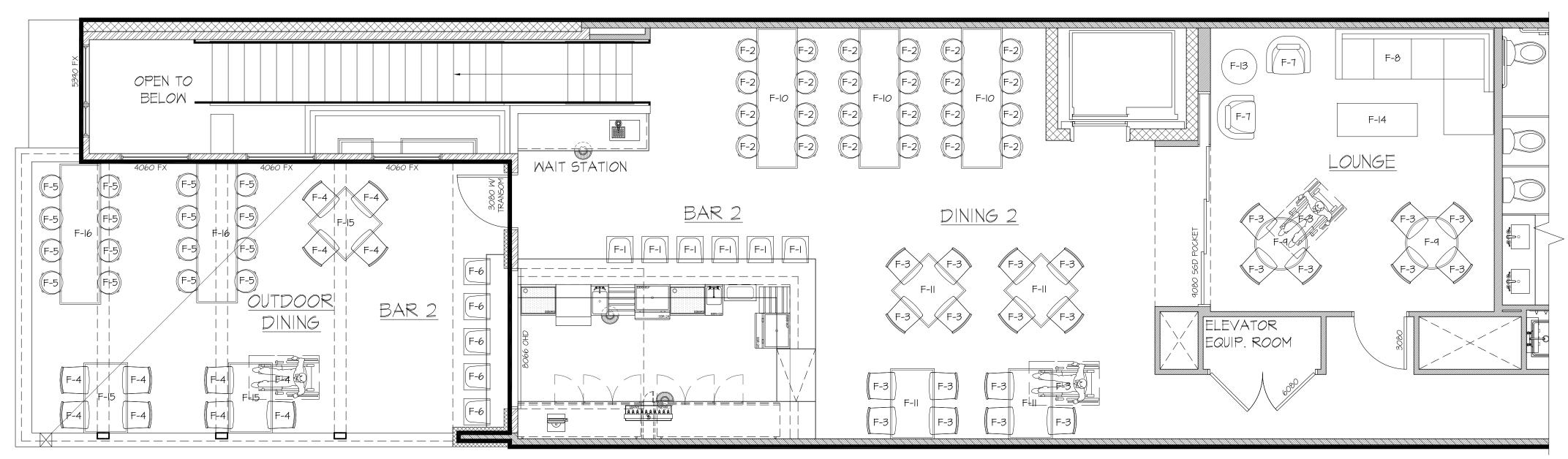


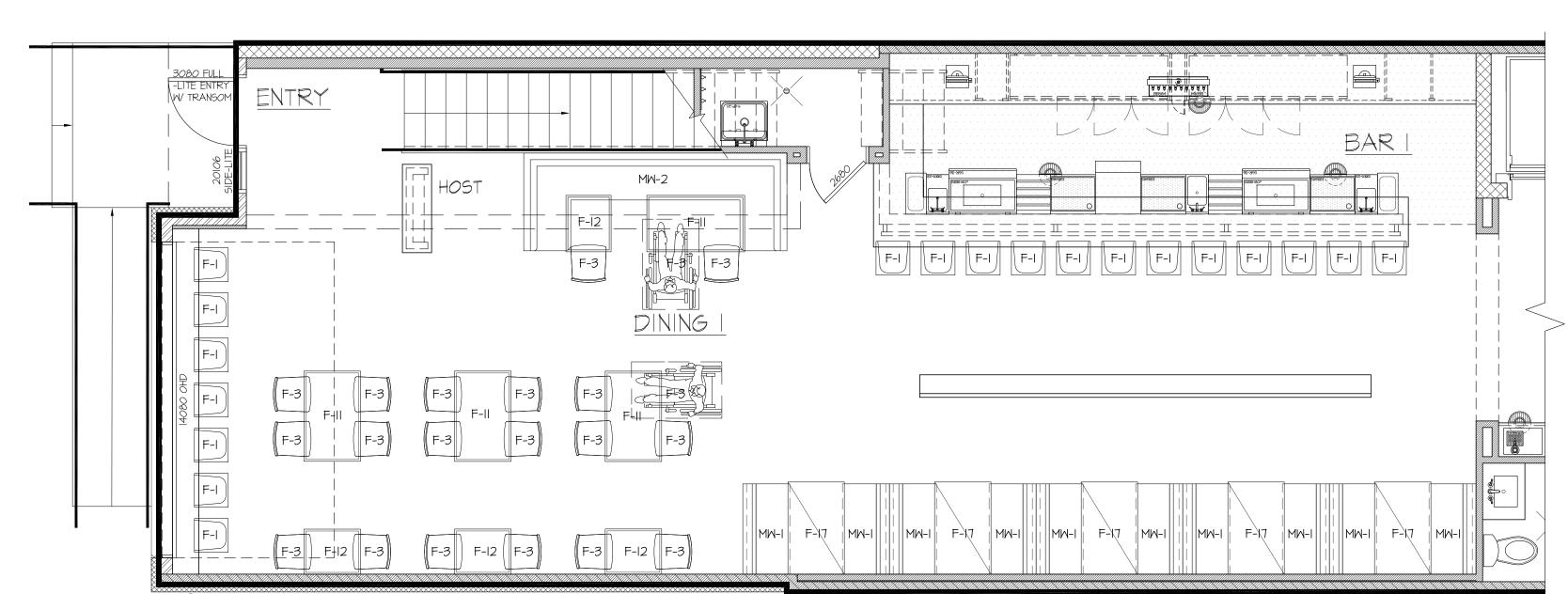


3	ADA TABLE DTL
(A-8)	SCALE: 1/2" = 1'-0"

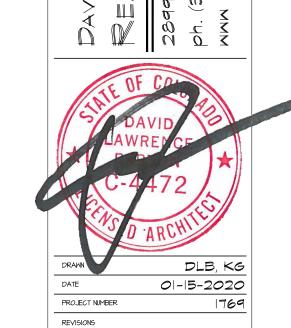
FINISH SO	CHEDULE														THESE DOCUMENTS ARE SUBJECT TO COPYRIGHT "ARCHITECTURAL WORK" THE COPYRIGHT ACT, IT 1990 AND KNOWN AS THE COPYRIGHT PROTECTION PROTECTION INCLUDES E	UNDER SECTION 102 OF U.S.C. AS AMENDED DEC E "ARCHITECTURAL WORK N ACT OF 1990." THE
	FLOOR	BASE	WALL FINIS	4							CEILING				THE OVERALL FORM AS ARRANGEMENT AND CON AND ELEMENTS OF THE I	WELL AS THE 1POSITION OF SPACES
ROOM NAME	MATERIAL	TYPE	NORTH	TYPE/COLOR /PATTERN	EAST	TYPE/COLOR /PATTERN	SOUTH	TYPE/COLOR /PATTERN	WEST	TYPE/COLOR /PATTERN	MATERIAL	TYPE/COLOR /PATTERN	HEIGHT	REMARKS	PROTECTION, UNAUTHORI, WORK, OR FORMS PRESI RESULT IN THE CESSA- I CONSTRUCTION OR BUILL AND/OR RAZED	ZED USE OF THESE PLAN ENTED CAN LEGALLY TON OF SUCH
DINING ROOM I	SEALED CONCRETE	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	12'-0"			
BAR I	SEALED CONCRETE	TOP SET; 3/6" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	PAINT	TBD	FRP @ DIEWALL	MARLITE - WHITE - PIOO	FRP @ DIEWALL	MARLITE - WHITE - PIOO	PAINT	TBD	GYP	PAINT	10'-6"			
JANITOR'S CLOSET I	SEALED CONCRETE	TOP SET; 3/8" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	PAINT	9'-  "			$\mathcal{S}$						
UNISEX RESTROOM	CERAMIC TILE	3/6" STAINLESS STEEL SCHLUTER STRIP	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	GYP	PAINT	12'-0"			DEX.
SERVICE HALLWAY I	SEALED CONCRETE	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	VARIES			"
WAIT STATION I	SEALED CONCRETE	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	12'-0"			
ORDER AREA	SEALED CONCRETE	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	12'-0"			
KITCHEN - COOK LINE	SEALED CONCRETE	TOP SET; 3/6" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	STAINLESS STEEL	18 GA BRUSHED S.S. SHEETS	STAINLESS STEEL	18 GA BRUSHED S.S. SHEETS	FRP	MARLITE - WHITE - PIOO	STAINLESS STEEL	S.S. SHEETS	GYP	PAINT	10'-11"			PREP 14G
KITCHEN - PREP AREA	SEALED CONCRETE	TOP SET; 3%" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	FRP	MARLITE - WHITE - PIOO	T-BAR	2 X 4 GRID	9'-0"									
KITCHEN - SCULLERY	SEALED CONCRETE	TOP SET; 3/8" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	FRP	MARLITE - WHITE - PIOO	T-BAR	2 X 4 GRID	9'-0"									
LIQUOR STORAGE	WOOD	MOOD	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
SERVICE HALLWAY 2	WOOD	MOOD	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
MECHANICAL ROOM	CERAMIC TILE	TOP SET; 3/8" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
AV EQUIPMENT ROOM	MOOD	WOOD	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
OFFICE	MOOD	WOOD	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
LOUNGE	WOOD	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	VARIES			II
JANITOR'S CLOSET 2	CERAMIC TILE	TOP SET; 3/8" RADIUS COVE - DAL TILE - WHITE 100 - 6"X 8"	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES		THAT							
ELEVATOR EQUIPMENT ROOM	TBD	TBD	PAINT	DUNN EDWARDS SWISS COFFEE	GYP	DUNN EDWARDS SWISS COFFEE	VARIES									
MOMEN'S RESTROOM	CERAMIC TILE	3/6" STAINLESS STEEL SCHLUTER STRIP	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	GYP	PAINT	VARIES			
MEN'S RESTROOM	CERAMIC TILE	3/6" STAINLESS STEEL SCHLUTER STRIP	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	CERAMIC TILE/PAINT	TBD	GYP	PAINT	VARIES			
WAIT STATION 2	WOOD	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	VARIES			
BAR 2	QUARRY TILE	%" RADIUS QUARRY COVE - DAL TILE - ARID FLASH	FRP @ DIEWALL	MARLITE - WHITE - PIOO	PAINT	TBD	PAINT	TBD	FRP @ DIEWALL	MARLITE - WHITE - PIOO	GYP	PAINT	VARIES			
DINING ROOM 2	WOOD	WOOD	PAINT	TBD	PAINT	TBD	PAINT	TBD	PAINT	TBD	GYP	PAINT	VARIES			$\mathcal{O}$

\*CONCRETE FLOOR TO BE SEALED W/ APPROVED CLEAR SEALANT RESISTANT TO WATER, WEAR, ACID AND OIL. \*ANY EXPOSED UTILITY SERVICE LINES & PIPES SHALL NOT OBSTRUCT OR PREVENT CLEANING OF WALLS & CEILING.





2 SECOND LEVEL FURNITURE PLAN A-8 SCALE: 1/4" = 1'-0"

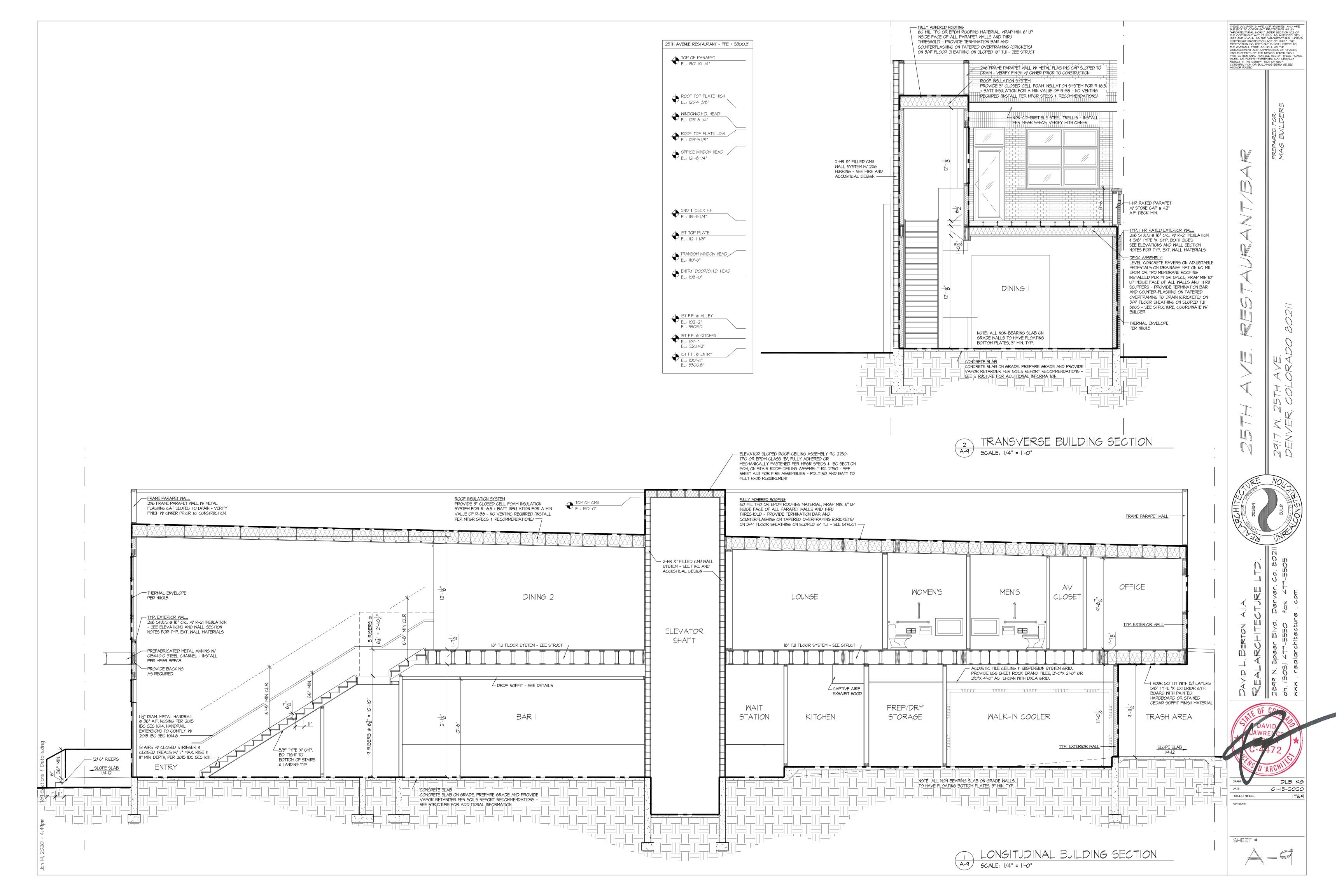


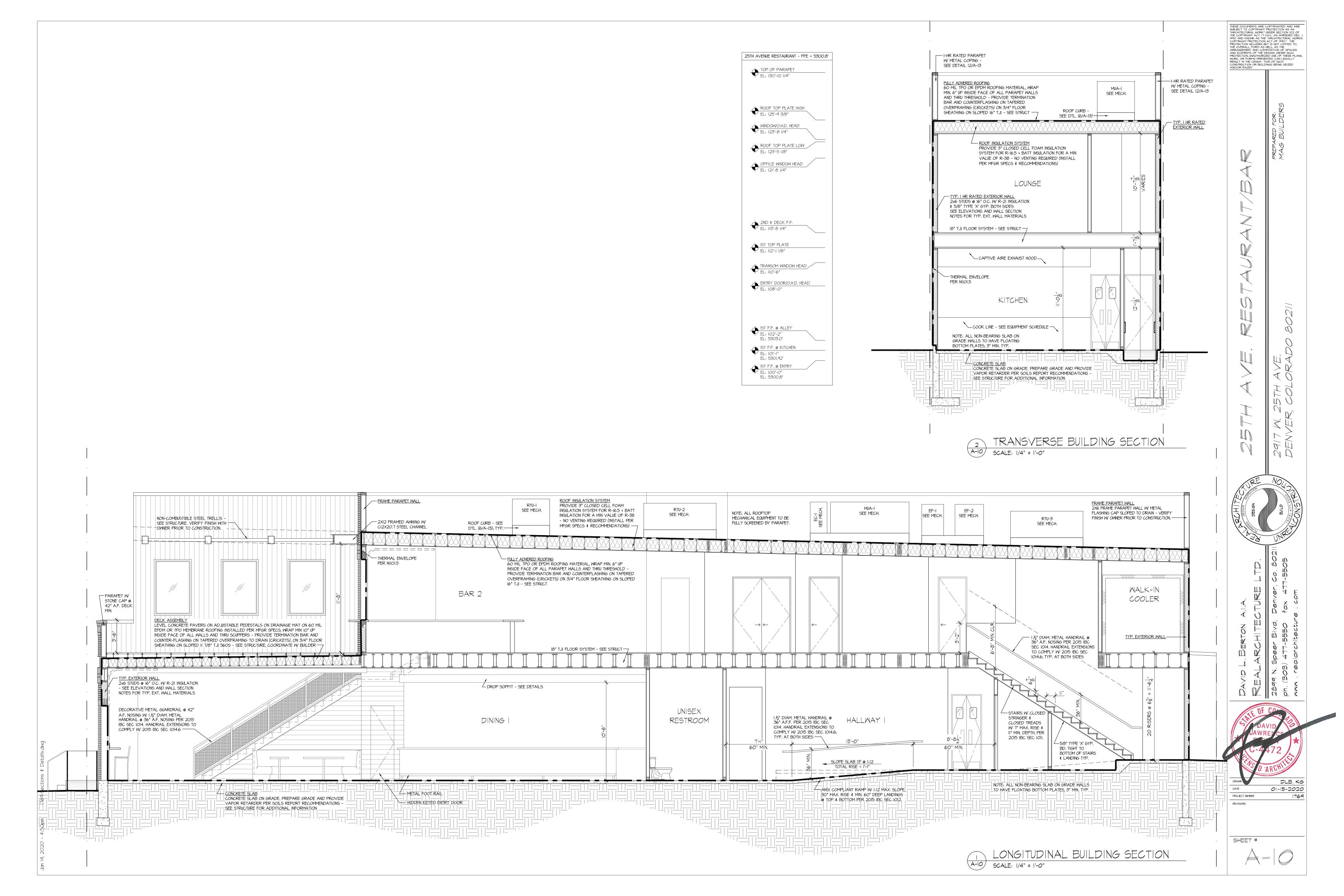
FIRST LEVEL FURNITURE PLAN

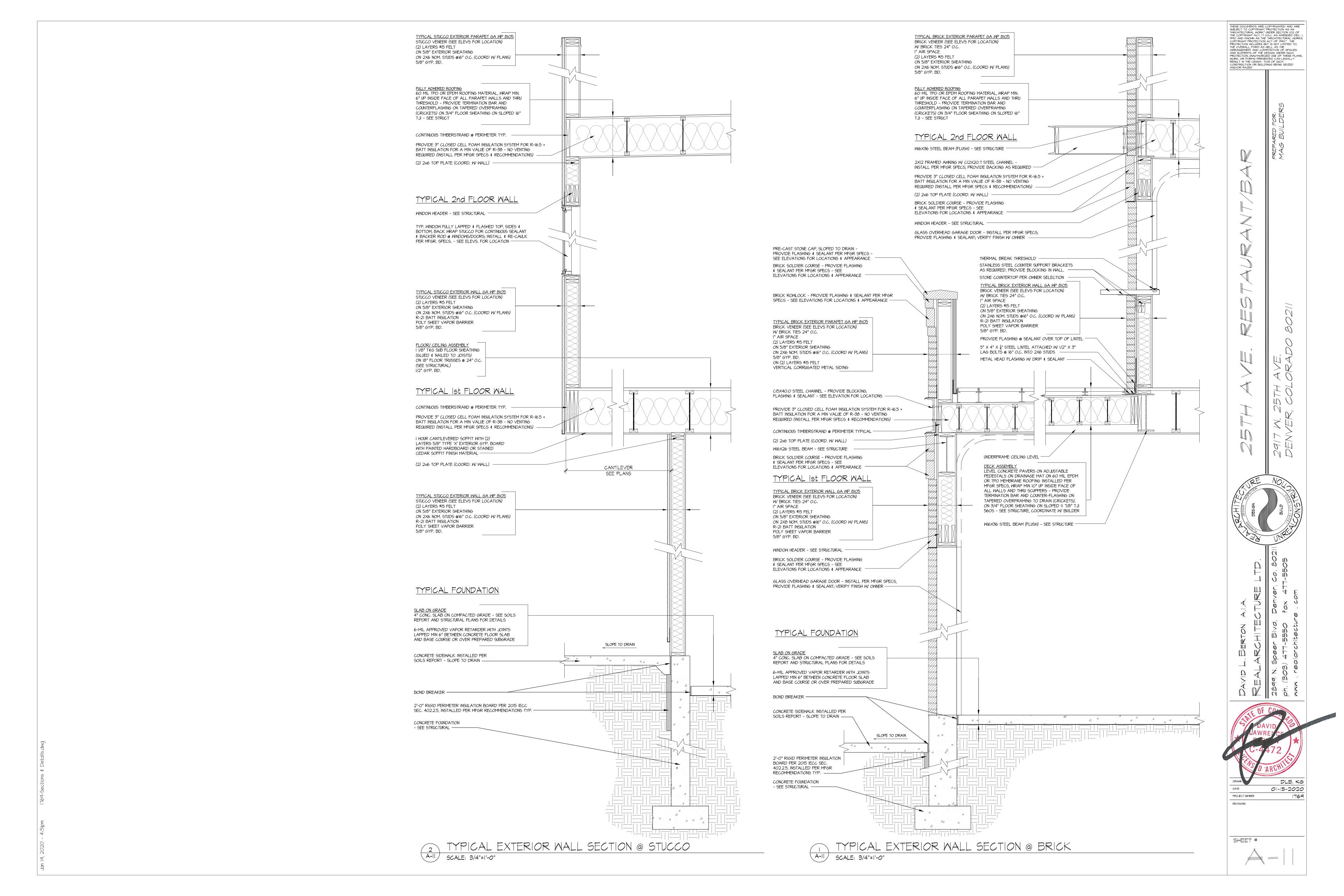
SCALE: 1/4" = 1'-0"

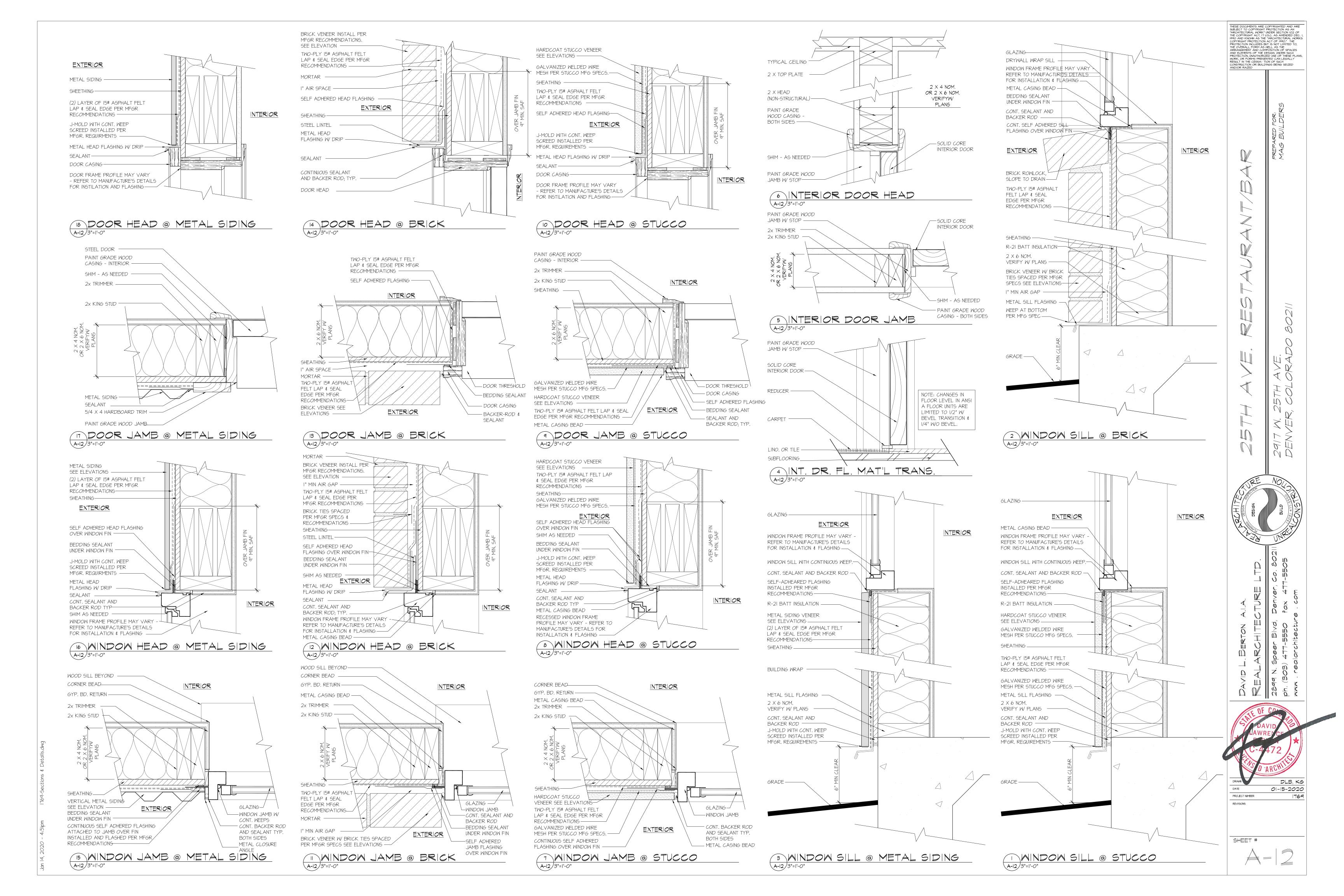
SHEET #

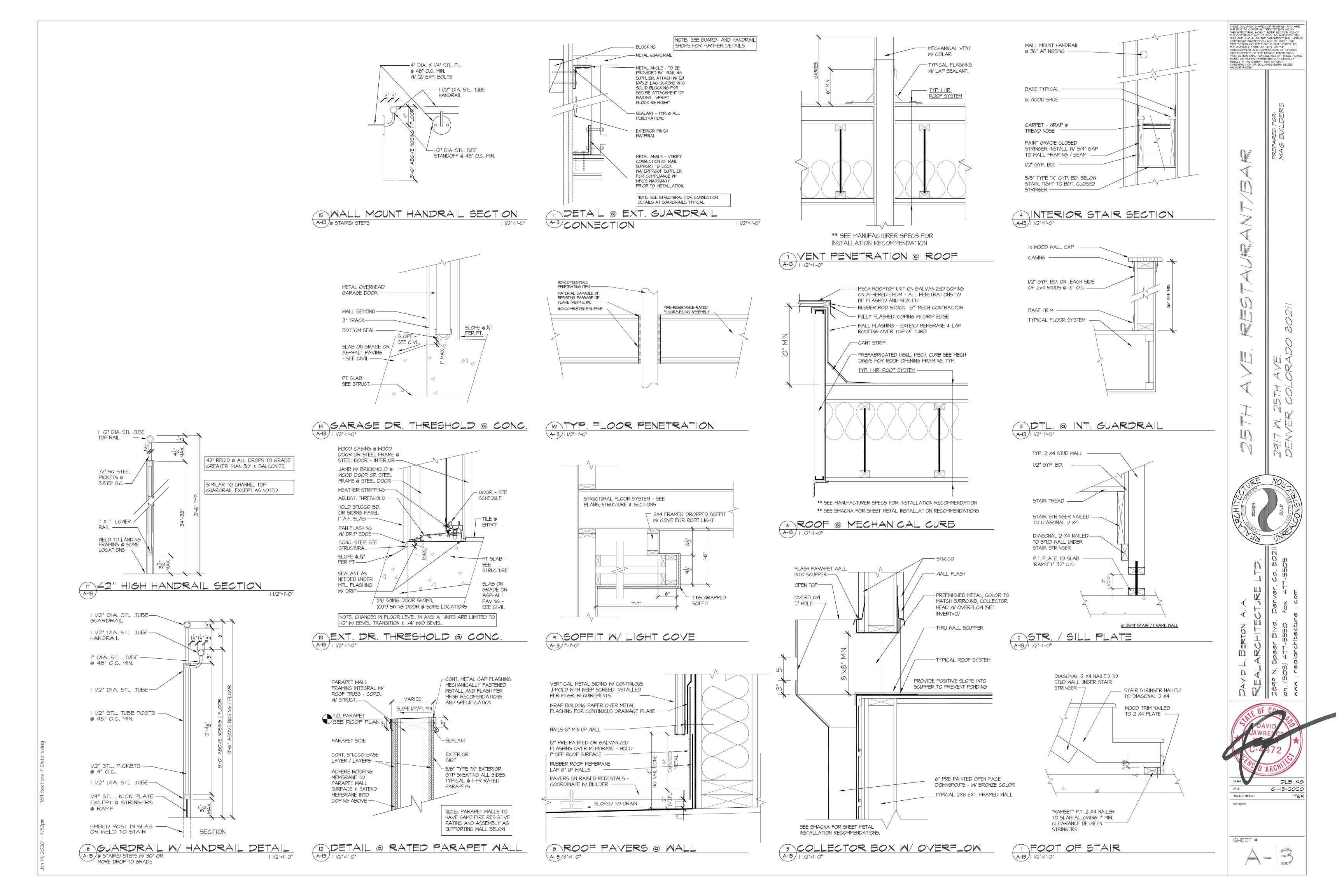
4-8

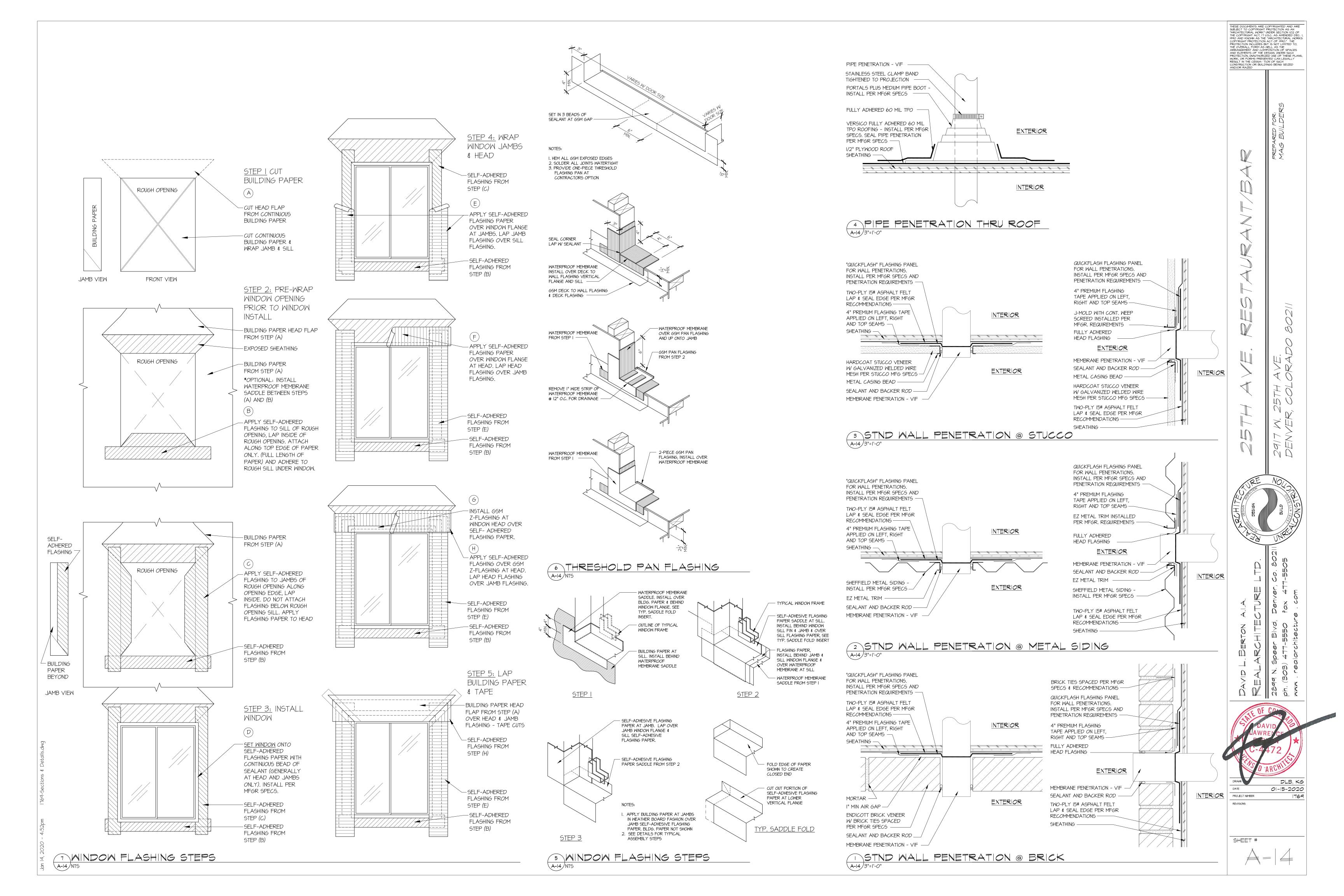






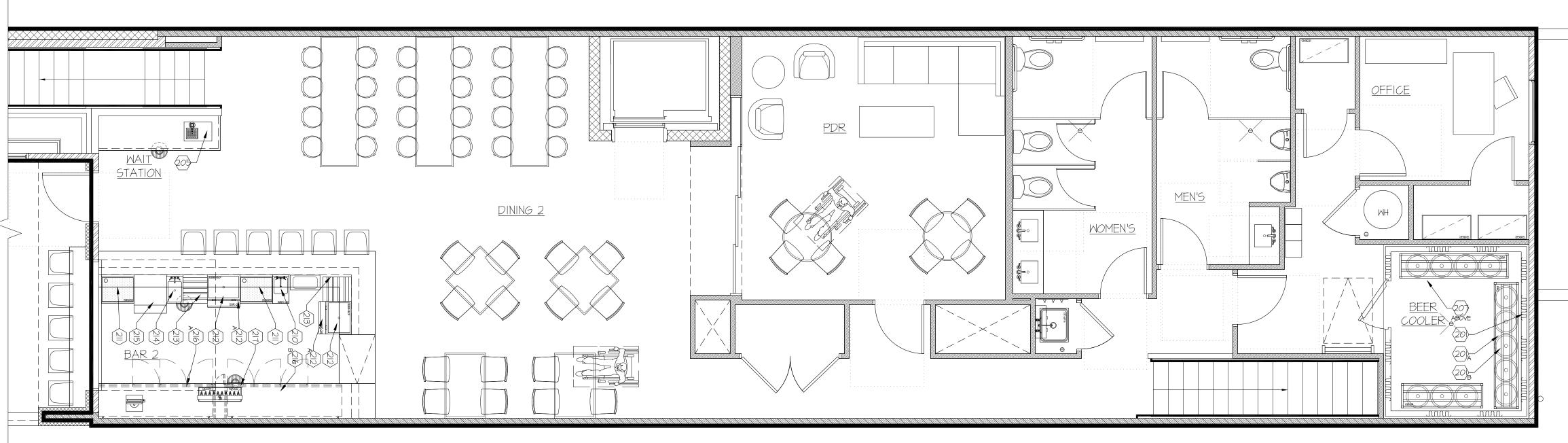






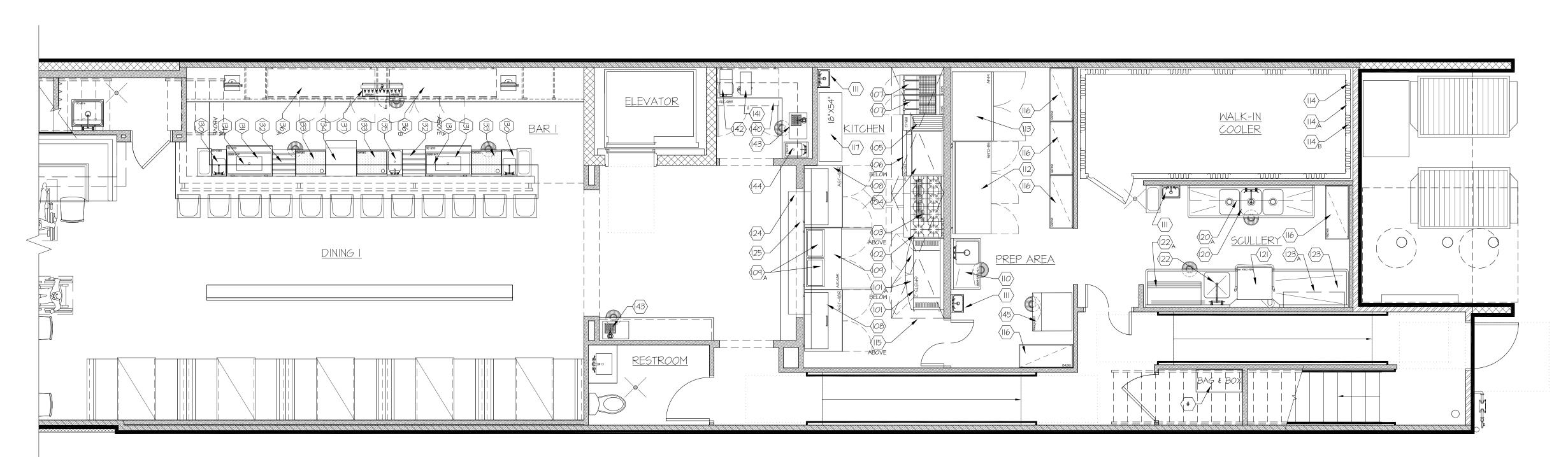
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SHEET #



SECOND FLOOR EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"



THESE DOCUMENTS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL MORK" UNDER SECTION 102 OF THE COPYRIGHT ACT, IT U.S.C. AS AMENDED DEC. I, 1940 AND KNOWN AS THE "ARCHITECTURAL MORKS COPYRIGHT PROTECTION ACT OF 1940." THE PROTECTION IN 15 NOT LIMITED TO, THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNDTANTHORIZED USE OF THESE PLANS, WORK, OR FORMS PRESENTED CAN LEGALLY RESULT IN THE CESSA—TION OF SUPPOSITION OF SUPPOSITION OR SUPPOSITION OF SUPPOSITION OR BUILDINGS BEING SEIZED AND/OR RAZED

DATE
PROJECT NUMBER REVISIONS

SHEET #

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									NOIL		ATER IER DRAIN	DRAI ES)		
				DED LED				,	_ 01		#50 MATE WATE #50 MATE #50 MAT	17.00 17.00	(00	9 .
ITEM NO.						ASE		15g	DIREC CONNE PLUG				HDT8	
	DESCRIPTION	MANUFACTURER	MODEL NO.		EQUIPMENT REMARKS	VOL	→ <u></u>	1777		ELECTRICAL REMARKS	100 100 100 100 100 100 100 100 100 100		Y PLUMBING REMARKS	💾
101   1	OVEN, GAS, ROTISSERIE	ROTISOL USA	GF1375-2G-SSP	GC		240   1		2.3		78" ELEC. CABLE INCL. DIRECT PLUG REQUIRED ; 19" AFF		3/4"	167 48" DORMONT BLUE HOSE GAS CONNECTOR	101
IOIA I	COOK & HOLD OVEN	CVAP	CAC507	GC	I" NON-SWIVEL WHEELS	208		24.5		84" NEMA 6-30P			CONNECTOR	IOIA
102   1	RANGE, 48", 8 OPEN BURNERS	IMPERIAL	IR-8-XB	GC	6" CASTERS	N/A			-	-		3/4"	291 48" DORMONT BLUE HOSE GAS	102
103	SALAMANDER BOILER	IMPERIAL	ISB-36	GC		N/A						3/4"	CONNECTOR	103
104   1	GAS COUNTERTOP GRIDDLE	IMPERIAL	ITG-36	60		N/A			-	-			90 48" DORMONT BLUE HOSE GAS	
													CONNECTOR	
105   1	CHARBROILER, GAS, COUNTERTOP	VOLLRATH	40728	GC		N/A			-	-		3/4"	28   48" DORMONT BLUE HOSE GAS CONNECTOR	105
106	EQUIPMENT STAND, REFRIGERATED BASE	CONTINENTAL REFRIGERATOR	2 D486N	GC	4" CASTERS	II5 I	1/5	25		NEMA 5-15P ; 10'-0" CORD INCL.	N/A		- CONNECTOR	106
107 2	GAS FLOOR FRYER	PITCO	5614-5		W/ 2-TWIN BASKETS ON 9" CASTERS	N/A	1,0	2.0	<u> </u>	THE THE TOTAL THE CONTROL THE		3/4"		
100 0	CAMPUNCAL AD PRED TARLE	ADCTIC AID	ACTION			lue l	1.00	7.0		NEVA E JED. 21 OF CODE INC.	11/4		CONNECTOR	100
108 2 109 I	SANDWICH/SALAD PREP TABLE UNDERCOUNTER REFRIGERATOR	ARCTIC AIR  ARCTIC AIR	AST48R AUC48R	GC GC		115   1   1   1   1   1   1   1   1	1/2 3/8			NEMA 5-15P; 8'-0" CORD INCL.  NEMA 5-15P; 8'-0" CORD INCL.	N/A N/A		<u>►</u>	108
109A 2	FOOD PAN WARMER	VOLLRATH	72000	GC		120	370	8.3		NEMA 5-15P; 6'-0" CORD INCL.	N/A		-	109A
110 1	SINGLE COMPARTMENT SINK	JOHN BOOS	IBI84-IDI8L-X	GC	W HEAVY DUTY FAUCET, SPLASH MOUNTED	N/A			-	-	½" ½" 3½"			IIO
111 2	LIAMP CIME	IOUN DOOG			IO" SMING SPOUT	N/A					1/2" 1/2" 1 7/8"			
III 3	HAND SINK	JOHN BOOS	PBHS-W-1410-P- SSLR-X	60	FAUCET INCL., SPLASH MOUNT 4" O.C. ; LEFT & RIGHT SPLASH GUARDS INCL.	I N/A					/2   /2   1/8			'''
II2 I	REFRIGERATED WORKTOP	CONTINENTAL REFRIGERATOR	SW72NBS		5" CASTERS	115 1	1/4			NEMA 5-15P ; 10'-0" CORD INCL.	N/A			II2
	REACH-IN FREEZER	ARCTIC INDUSTRIES	AF49 WI 114	GC				12.0		NEMA 5-15P ; 9'-0" CORD INCL.	N/A			II3
4	WALK-IN COOLER EVAPORATOR COIL	ARCTIC INDUSTRIES  ARCTIC INDUSTRIES	M1 114   L6A073ADAAL	GC GC	CUSTOM (8' M X 8'-6" D X 7'-8.5" H) FOR WI 114	N/A		0.5			N/A N/A		-	4   14A
II4B I	CONDENSER	ARCTIC INDUSTRIES	RFH080E4SDA	GC	FOR WI II4	230		15			N/A		-	II4B
115   1   116   16	EXHAUST HOOD  WIRE SHELVING	CAPTIVE AIRE  QUANTUM FOOD SERVICE	2442GY	GC GC		N/A					N/A N/A		<u> </u>	115   116
117   1	60" SS WORK TABLE	JOHN BOOS	UFBLS6018	60		N/A			-	-	N/A		-	117
120	3 COMPARTMENT SINK	JOHN BOOS	3BI6204-2D24-X	GC	3-COMPARTMENT SINK W/ HEAVY DUTY	N/A			-	-	1/2" 1/2" 1/2"			120
120A	OVERSHELF	JOHN BOOS	BHSI296-X		FAUCET, SPLASH MOUNTED 8" SWING SPOUT PROVIDE WALL BACKING	N/A					N/A			120A
121 1	DISHWASHER, DOOR TYPE	AUTOCHLOR	A4	GC	TROVIDE MALE DACKING	115 1		20		20 AMP DED. OUTLET OR ½" CONDUIT	1/2" 2"			121
122	SOILED DISHTABLE	JOHN BOOS	SDT6-S72SBK-R		2210-WB FISHER PRE-RINSE FAUCET	N/A			-	-	½" ½" 3½"			122
122A   1	DISHTABLE SORTING SHELF CLEAN DISHTABLE	JOHN BOOS  JOHN BOOS	BHS1842-TS-X CDT6-S60SBK-L	GC GC	PROVIDE WALL BACKING	N/A N/A			-		N/A N/A		<u> </u>	122A   123
123A   I	OVERSHELF	JOHN BOOS	BHS1248PR-X		PROVIDE WALL BACKING	N/A				-	N/A		-	123A
124	PASS-THU SHELF	ADVANCE TABCO	PA-18-06-2	60		N/A			-		N/A		-	124
125   I 130   2	HEAT LAMP UNDERBAR SINK UNITS	HATCO JOHN BOOS	GRAH-60 EUBDS-122ISTD-X	GC	M/ HEAV PUTY EAUCET CHALLOW OPLACE	120       N/A	1.4	11.7		NEMA 5-15P	N/A		-	125 13 <i>0</i>
150 2	UNDERDAR SINK UNITS	JOHN DOOS	LUDU 3-122131 D-X		W HEAVY DUTY FAUCET, SHALLOW SPLASH MOUNTED 3" GOOSENECK SPOUT; FLEXIBLE WATER LINE CONNECTORS KIT; R&L SIDE SPLASH GUARDS (SEE CUT SHEET)						/2 /2 2			
131 2	ICE BIN	JOHN BOOS	EUBIB-3618CPIO-X	GC	W COLD PLATE & UNDERBAR SPEED RAIL	N/A			-	-		1/2"	DRAIN TO ADJACENT FLOOR S	SINK 131
131A 2	36" DRINK RAIL DRAINER	PERLICK	DRD36		W 6" DRINK RAIL RINSER	N/A			-	-	3/8" 1/2"		CONNECT 1/2" I.D. DRAIN HOSE	131A
132 2 133 3	BOTTLE DISPLAY GLASS RACK	JOHN BOOS  JOHN BOOS	EUBLD-1821-X EUBGRS-24-2-X	GC GC		N/A N/A					N/A	3/6"	DRAIN TO ADJACENT FLOOR S	132   SINK   133
134	DISHWASHER, UNDERCOUNTER	AUTOCHLOR	U34	GC		II5 I	1	20		CONNECTS TO GRNDED WALL OUTLET	1/2" 1/2" 2"	710		134
135   1	UNDERBAR SINK UNITS	JOHN BOOS	EUBDS-1221-X		W ECONOMY FAUCET, DECK MOUNTED IO" SWING SPOUT & MOUNTING KIT	N/A				-	1/2"   1/2"   1 //8"			135
136A I	BACK BAR CABINET, REFRIGERATED	PERLICK	BBS84		SEE CUT SHEET FOR ADD. ACCESSORIES	120 1	1/3	6.3		NEMA 5-15P ; 8'-0" CORD INCL.	N/A		-	
136B I	BACK BAR CABINET, REFRIGERATED	PERLICK	BB584		SEE CUT SHEET FOR ADD. ACCESSORIES	120	1/3			NEMA 5-15P ; 8'-0" CORD INCL.	N/A			136B
137   1	DRAFT BEER DISPENSING TOWER	PERLICK AIR	CMI700790	60		N/A	2/0	FO	-	NEWA E JED. OL OU CORD INC.	N/A		-	137
140   2     1	REFRIGERATED WORK TOP  COFFEE BREWER	ARCTIC AIR BUNN	AUC48R 38700.0010	GC GC		115   1   120   1	3/8	12.5		NEMA 5-15P; 8'-0" CORD INCL.  NEMA 5-15P; CORD INCL.	N/A // // // // // // // // // // // // /		-	140
142	ICED TEA BREWER	BUNN	36700.0013	GC		120	1.7	14.4		NEMA 5-15P; CORD INCL.	1/4"			142
143 2	ICE & WATER DISPENSER	RANDELL	9515	GC		N/A			<b>—</b>		1/2"		DRAIN TO ADJACENT FLOOR S	
144   1	DROP-IN SINK	JOHN BOOS	PB-DISINKI01405- P-SSLR-X	GC	FAUCET INCL., DECK MOUNT 4" O.C. ; LEFT & RIGHT SPLASH GUARDS INCL.	N/A					1/2"   1/2"   3 1/6"			144
145 I	ICE MAKER	MANITOWOC	IYTO900A	GC		208		9.5			3/8"	1/2"	14.8 DRAIN TO ADJACENT FLOOR S	SINK 145
201	WALK-IN COOLER	ARCTIC INDUSTRIES	WI 20I		CUSTOM (7' W X 9' D X 7'-8.5" H)	N/A		<u> </u>	-		N/A		-	201
201A   1   201B   1	EVAPORATOR COIL  CONDENSER	ARCTIC INDUSTRIES  ARCTIC INDUSTRIES	RL6A094ADAAL RFHI00E4SDA		FOR WI 201 FOR WI 201	115   1   23 <i>0</i>   1		0.5 15			N/A N/A			201A 201B
201B 1 202 N/A	NOT USED	/ ANOTHO HADUSTNILS	NITIOULTJUA					10			17/7			2015
203 N/A	NOT USED													203
204 N/A 205 I	NOT USED  ICE & WATER DISPENSER	RANDELL	9515	GC		N/A					<u>/2</u> "	111	DRAIN TO ADJACENT FLOOR S	204 SINK 205
	NOT USED	RANDLLL				IN/A					/2		DIVIN TO ADDAOLINT LOOK S	206
207	GLYCOL COOLED SYSTEM	PERLICK	CENTURY	GC		120	3/4	22.7					I/2" COPPER COOLANT LINES	207
210   1	UNDERBAR SINK UNITS	JOHN BOOS	EUBDS-122ISTD-X		W/ HEAVY DUTY FAUCET, SHALLOW SPLASH MOUNTED 3" GOOSENECK SPOUT; FLEXIBLE WATER LINE CONNECTORS KIT; R&L SIDE SPLASH GUARDS (SEE CUT SHEET)						½" ½" 2"			210
211 2	GLASS RACK	JOHN BOOS	EUBGRS-24-2-X	GC		N/A			-			3/6"	DRAIN TO ADJACENT FLOOR S	
212 2	ICE BIN	JOHN BOOS	EUBIB-3618CPIO-X		W COLD PLATE & UNDERBAR SPEED RAIL	N/A			-	-	3/11	1/2"	DRAIN TO ADJACENT FLOOR S	
	36" DRINK RAIL DRAINER	PERLICK JOHN BOOS	DRD36 EUBLD-1821-X	GC GC	W 6" DRINK RAIL RINSER	N/A N/A			-	•	3%" ½" N/A		CONNECT ½" I.D. DRAIN HOSE	2l2A 2l3
212A 2	BOTTLE DISPLAY		/ \	, 00			1			1	· .	<del>                                     </del>		214
2l2A 2 2l3 2	BOTTLE DISPLAY UNDERBAR SINK UNITS	JOHN BOOS	EUBDS-1221-X	GC	W ECONOMY FAUCET, DECK MOUNTED IO"	N/A			-	-	2"   2"   1%"			
2l2A 2 2l3 2 2l4 l	UNDERBAR SINK UNITS	JOHN BOOS			W/ ECONOMY FAUCET, DECK MOUNTED IO" SWING SPOUT & MOUNTING KIT		,	20		CONNECTE TO COURSE WITH				
2I2A 2 2I3 2 2I4 I 2I5 I	UNDERBAR SINK UNITS  DISHWASHER, UNDERGOUNTER	JOHN BOOS  AUTOCHLOR	U34	GC	SWING SPOUT & MOUNTING KIT	II5 I		20	-	CONNECTS TO GRNDED WALL OUTLET  NEMA 5-15P:8'-0" CORD INCL.	½" ½" 2"		-	2l5 2l6A
2l2A 2 2l3 2 2l4 l	UNDERBAR SINK UNITS	JOHN BOOS		GC GC	, , , , , , , , , , , , , , , , , , , ,			4.2	-	CONNECTS TO GRNDED WALL OUTLET NEMA 5-15P; 8'-0" CORD INCL. NEMA 5-15P; 8'-0" CORD INCL.			<b>-</b>	215 216A 216B 217

		JIPMENT	SCHEDUL
ITEM NO.	QUANTITY	DESCRIPTION	
101	1 1	0. (=1) 6.1.6 0.0-1.6.6=	n i E

## EXHIBIT A PAGE 1 OF 2

#### LAND DESCRIPTION:

A PARCEL OF LAND LOCATED WITHIN THE PUBLIC ALLEY RIGHT-OF-WAY ESTABLISHED BY C.H. WALKER SUBDIVISION OF BLOCK 32 OF HIGHLAND, RECORDED IN BOOK 3 OF PLATS PAGE 18 (APRIL 9TH, 1883, ARAPAHOE COUNTY) AND BY RESOLUTION NO. CR20-1153, RECORDED AT REC# 2020197706 AND 2020022278 ALL IN THE RECORDS OF THE DENVER COUNTY CLERK AND RECORDER'S OFFICE, AND LOCATED IN THE NORTHEAST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, CITY AND COUNTY OF DENVER, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 17, OF SAID BLOCK 32;

THENCE N00°16'50"W, A DISTANCE OF 2.00 FEET;

THENCE N89°45'16"E, PARALLEL WITH THE SOUTH RIGHT-OF-WAY LINE OF SAID PUBLIC ALLEY, A DISTANCE OF 72.27 FEET;

THENCE S73°16'39"E, A DISTANCE OF 20.55 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE ESTABLISHED BY SAID RESOLUTION;

THENCE S89°45'16"W, ALONG SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 6.85 FEET;

THENCE N73°16'39"W, A DISTANCE OF 10.37 FEET TO A POINT ON THE WEST LINE OF SAID RIGHT-OF-WAY, ALSO BEING A POINT ON THE EAST LINE OF LOT 19, OF SAID BLOCK 32;

THENCE N00°16'50"W, ALONG THE WEST LINE OF SAID RIGHT-OF-WAY, A DISTANCE OF 0.97 FEET TO THE NORTHEAST CORNER OF SAID LOT 19:

THENCE S89°45'16"W, ALONG THE SOUTH RIGHT-OF-WAY LINE OF SAID PUBLIC ALLEY, A DISTANCE OF 75.16 FEET, BACK TO THE **POINT OF BEGINNING**.

CONTAINING 176.94 ± SQUARE FEET (0.004 ± ACRES); MORE OR LESS.

BASIS OF BEARINGS: BEARINGS ARE BASED ON THE 40 FOOT RANGE LINE ALONG W. 26TH AVE. BETWEEN A FOUND CHISELED CROSS IN RANGE BOX LOCATED AT THE INTERSECTION OF FEDERAL BLVD. AND W. 26TH AVE. AND A FOUND A FOUND CHISELED CROSS IN RANGE BOX LOCATED AT THE INTERSECTION OF ELIOT ST. AND W. 26TH AVE.; ASSUMED TO BEAR N89°47'18"E AT 406.94' (406.67').

Prepared By:
Altitude Land Consultants, Inc
Karl W. Franklin, PE-PLS-EXW
Colorado PLS 37969

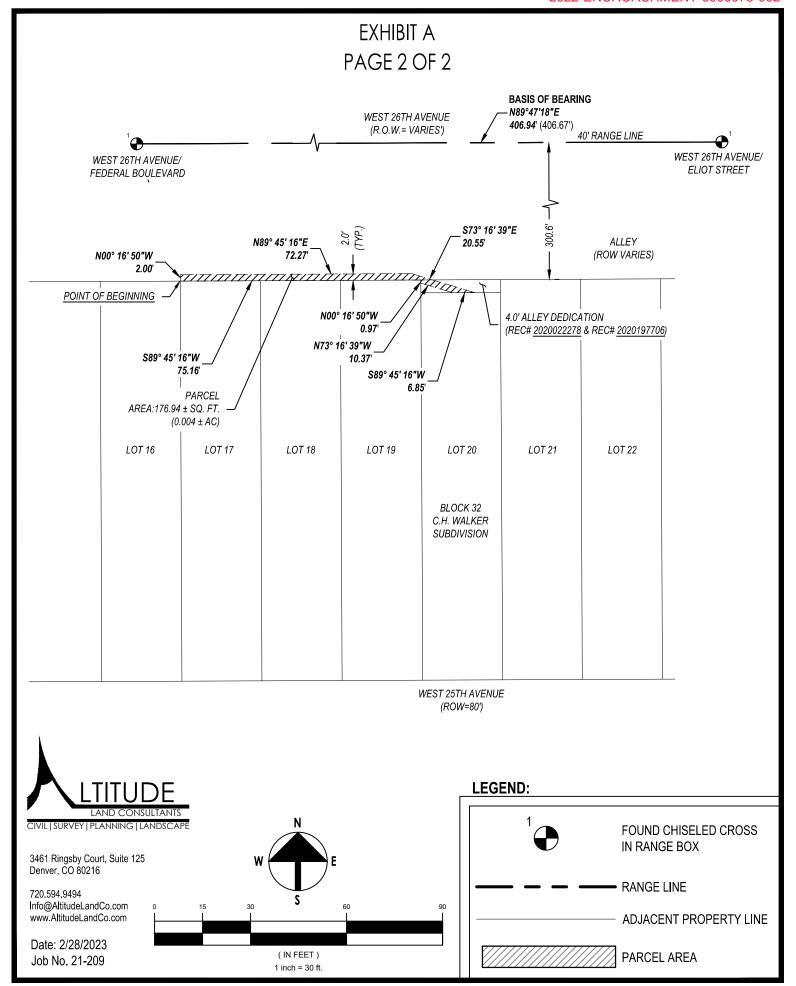
Date: 2/28/2023 Job No. 21-209





3461 Ringsby Court, Suite 125 Denver, CO 80216

720.594.9494 Info@AltitudeLandCo.com www.AltitudeLandCo.com





Department of Public Works Engineering, Regulatory, & Analytics

201 W. Colfax Ave., Dept. 507 Denver, Colorado 80202-5304 (720) 865-3003

denver.pwera@denvergov.org

Page 1 of 8

### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

**Review ID:** 

Location:

**Master ID:** 2022-PROJMSTR-0000596

**Project Type:** 

Tier III Encroachment Resolution

Review Status: Approved

Review Status: Approved - No Response

2022-ENCROACHMENT-0000078

**Review Phase:** 

**Review End Date:** 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Reviewing Agency: DS Transportation Review

Reviewers Name: Winton Brazil

Reviewers Email: Winton.Brazil@denvergov.org

Status Date: 09/27/2022 Status: Approved

Comments:

Reviewing Agency: DS Project Coordinator Review

Reviewers Name: Bridget Rassbach

Reviewers Email: Bridget.Rassbach@denvergov.org

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Survey Review Review Status: Approved

Reviewers Name: Thomas Savich

Reviewers Email: Thomas.Savich@denvergov.org

Status Date: 03/01/2023 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: DOTI/ROWS/SURVEY

Reviewers Name: Thomas Savich Reviewers Phone: 818.809.8753

Reviewers Email: thomas.savich@denvergov.org

Approval Status: Approved

Comments:

Attachment: Encroachment Land Description-002.pdf-23-03-01-14-26.pdf

Attachment: Encroachment Land Description-002.docx-23-03-01-14-26.docx

Status Date: 02/24/2023 Status: Denied

Comments: Per Thomas Savich, revisions requested to legal descriptions.

Status Date: 01/23/2023 Status: Approved

2022-ENCROACHMENT-0000078

Page 2 of 8

### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

**Review ID:** 2022-ENCROACHMENT-0000078 **Review Phase:** 

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: DOTI/ROWS/SURVEY

Reviewers Name: Thomas Savich Reviewers Phone: 818.809.8753

Reviewers Email: thomas.savich@denvergov.org

Approval Status: Approved

Comments:

Attachment: Vesting Deed 2022038467-001.pdf

Attachment: Vesting Deed 2022038467-001.docx

Attachment: Encroachment Land Description-002.pdf

Attachment: Encroachment Land Description-002.docx

Attachment: SitePlanMarkup-001.pdf

Attachment: Title Commiment-001.pdf

Status Date: 09/27/2022 Status: Denied

Comments: Survey comments are in the REDLINES folder and uploaded to E-Review.

REDLINES uploaded to E-review webpage

Reviewing Agency: DES Wastewater Review Review Status: Approved

Reviewers Name: Brenden Marron

Reviewers Email: Brenden.Marron@denvergov.org

Status Date: 09/21/2022 Status: Approved

Comments: No conflicts or objection on behalf of Wastewater>

Reviewing Agency: City Council Referral Review Status: Approved - No Response

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: ERA Transportation Review Review Status: Approved

Reviewers Name: Kelsey Kijowski

Reviewers Email: Kelsey.Kijowski@denvergov.org

Status Date: 12/20/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: ERA Transportation

Page 3 of 8

### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

Review ID: 2022-ENCROACHMENT-0000078 Review Phase:

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Reviewers Name: Kelsey Kijowski Reviewers Phone: 720-913-8834

Reviewers Email: kelsey.kijowski@denvergov.org

Approval Status: Approved

Comments:

Revised plans (dated 12.19.22) addressing comments has been uploaded.

Attachment: 1769-221219-Xcel Diagram Pole Locate (12.19.22).pdf

Status Date: 09/27/2022 Status: Denied

Comments: 1. Please clarify – what is being owned by the private property owner vs. Xcel?

2. Is the underground conduit 120V or 240V?

3. Is this a new transformer? If so, a UPR will need to be submitted by Xcel.

Please note, based on the answers to questions 1 and 2, different or additional permitting/guidance may be provided. Please reach out to me directly at Kelsey. Kijowski@denvergov.org to discuss further.

### **REDLINES** uploaded to E-review webpage

REDLINES uploaded to E-review webpage

Review Status: Approved

Reviewing Agency: ERA Wastewater Review

Reviewers Name: Michael Sasarak

Reviewers Email: mike.sasarak@denvergov.org

Status Date: 09/27/2022 Status: Approved

Comments:

Reviewing Agency: CenturyLink Referral Review Status: Approved

Status Date: 11/23/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: CenturyLink

Reviewers Name: Pamela Griner Reviewers Phone: 443-846-2085

Reviewers Email: Pamela.Griner@Lumen.com

Approval Status: Approved

Comments:

Attachment: Encroachment Ltr approval P843137.pdf

Status Date: 09/28/2022

Status: Approved - No Response

Reviewing Agency: Xcel Referral Review Status: Approved

Status Date: 09/29/2022

2022-ENCROACHMENT-0000078

Comments:

Page 4 of 8

### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

Review ID: 2022-ENCROACHMENT-0000078 Review Phase:

Location: Review End Date: 09/27/2022

### Any denials listed below must be rectified in writing to this office before project approval is granted.

Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: Public Service Company of Colorado dba Xcel Energy

Reviewers Name: Donna George Reviewers Phone: 3035713306

Reviewers Email: donna.l.george@xcelenergy.com

Approval Status: Approved

Comments:

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: RTD Referral Review Status: Approved

Status Date: 09/28/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: RTD Reviewers Name: C. Scott Woodruff Reviewers Phone: 303-299-2943

Reviewers Email: clayton.woodruff@rtd-denver.com

Approval Status: Approved

Comments:

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Comcast Referral Review Status: Approved

Status Date: 09/28/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: Comcast Reviewers Name: Javier Sotelo Reviewers Phone: 720-670-8278

Reviewers Email: javier\_sotelo@cable.comcast.com

Approval Status: Approved

Comments:

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Metro Wastewater Referral Review Status: Approved - No Response

Status Date: 09/28/2022

2022-ENCROACHMENT-0000078

Page 5 of 8

### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

Review ID: 2022-ENCROACHMENT-0000078 Review Phase:

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Status: Approved - No Response

Comments:

Reviewing Agency: Street Maintenance Referral Review Status: Approved - No Response

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Office of Emergency Management Referral Review Status: Approved - No Response

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Building Department Review Review Review Status: Approved - No Response

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Division of Real Estate Referral Review Status: Approved

Reviewers Name: Jason Clements

Reviewers Email: jason.clements@denvergov.org

Status Date: 09/08/2022 Status: Approved

Comments:

Reviewing Agency: Denver Fire Department Review Review Status: Approved - No Response

Reviewers Name: Brian Lukus

Reviewers Email: Brian.Lukus2@denvergov.org

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Denver Water Referral Review Status: Approved

Status Date: 09/28/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: Denver Water

Reviewers Name: Kela Naso Reviewers Phone: 13036286302

Reviewers Email: kela.naso@denverwater.org

Approval Status: Approved

Comments:

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### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

Review ID: 2022-ENCROACHMENT-0000078 Review Phase:

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Parks and Recreation Review Review Status: Approved

Reviewers Name: Jennifer Cervera

Reviewers Email: Jennifer.Cervera@denvergov.org

Status Date: 09/26/2022 Status: Approved

Comments:

Reviewing Agency: Policy and Planning Referral Review Status: Approved - No Response

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Denver Office of Disability Rights Referral Review Status: Approved

Status Date: 09/28/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: DODR Reviewers Name: Juan Pasillas Reviewers Phone: 720-913-3309

Reviewers Email: juan.pasillas@denvergov.org

Approval Status: Approved

Comments: \*Approved.

\*Final construction, including any later modifications to any public sidewalks (which are considered public Accessible Routes), as

well as any other areas open to the general public, must comply with all applicable 2010 ADA requirements.

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: Construction Engineering Review Review Review Status: Approved

Reviewers Name: Porames Saejiw

Reviewers Email: Joe.Saejiw@denvergov.org

Status Date: 09/20/2022 Status: Approved

Comments:

Reviewing Agency: TES Sign and Stripe Review Review Review Status: Approved - No Response

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### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type: Tier III Encroachment Resolution

Review ID: 2022-ENCROACHMENT-0000078 Review Phase:

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Reviewers Name: Brittany Price

Reviewers Email: Brittany.Price@denvergov.org

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: City Forester Review Review Review Status: Approved

Reviewers Name: Erin Hatch

Reviewers Email: Erin.Hatch@denvergov.org

Status Date: 09/23/2022 Status: Approved

Comments: Approved. No anticipated tree impacts.

Reviewing Agency: Landmark Review Review Status: Approved - No Response

Reviewers Name: Karen Bryant

Reviewers Email: Karen.Bryant@denvergov.org

Status Date: 09/26/2022

Status: Approved - No Response
Comments: No historic district or structure

Reviewing Agency: CDOT Referral Review Status: Approved

Status Date: 09/28/2022 Status: Approved

Comments: PWPRS Project Number: 2022-ENCROACHMENT-0000078 - Tier III 2917 W 25th Ave Private Electric Service

Reviewing Agency/Company: CDOT Region 1 ROW/survey

Reviewers Name: dane courville Reviewers Phone: 7206720231

Reviewers Email: dane.courville@state.co.us

Approval Status: Approved

Comments:

Does not affect CDOT on-system ROW. Proposed effort is approved as the location does not affect CDOT ROW.

Status Date: 09/28/2022

Status: Approved - No Response

Comments:

Reviewing Agency: ERA Review Review Status: Approved - No Response

Reviewers Name: Shari Bills

Reviewers Email: Shari.Bills@denvergov.org

Status Date: 09/28/2022

Status: Approved - No Response

2022-ENCROACHMENT-0000078

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### Tier III 2917 W 25th Ave Private Electric Service

03/01/2023

Master ID: 2022-PROJMSTR-0000596 Project Type:

Tier III Encroachment Resolution

**Review ID:** 2022-ENCROACHMENT-0000078

**Review Phase:** 

Location: Review End Date: 09/27/2022

Any denials listed below must be rectified in writing to this office before project approval is granted.

Comments: