




DENVER
THE MILE HIGH CITY

Department of Public Works
Right-of-Way Services

201 W. Colfax Avenue, Dept. 507
Denver, CO 80202
P: 720-865-3001
www.denvergov.org

REQUEST FOR ORDINANCE

TO: John McGrath, City Attorney's Office

FROM: Ted Christianson, PE 

PROJECT NO: SUDP No. 2017-SUDP-0001469

DATE: May 8, 2017

SUBJECT: Request for an Ordinance to connect City wastewater facilities to a property outside of the limits of the City.

It is requested that the above subject item be placed on the next available Mayor Council Agenda.

This office has investigated the request of Jim Turner of the City and County of Denver on behalf of the property at 6500 West Hampden Avenue.

This matter has been checked by this office and has been coordinated with DES - Wastewater who has indicated their agreement.

Therefore, you are requested to initiate Council action to connect City wastewater facilities the following described areas:

SEE ATTACHED FOR PROJECT DESCRIPTION

Cc:
Public Works: Alba Castro
Public Works: Nancy Kuhn
Development Engineering Services: Jim Turner

ORDINANCE/RESOLUTION REQUEST

Please email requests to Angela Casias at
Angela.casias@denvergov.org by **NOON on Monday**.

****All fields must be completed.****

Incomplete request forms will be returned to sender which may cause a delay in processing.

Date of Request: May 8, 2017

Please mark one: ☒ Bill Request or ☐ Resolution Request

1. Has your agency submitted this request in the last 12 months?

☐ Yes ☒ No

If yes, please explain:

2. **Title:** *(Include a concise, one sentence description – please include name of company or contractor and contract control number - that clearly indicates the type of request: grant acceptance, contract execution, amendment, municipal code change, supplemental request, etc.)*

Request for an Ordinance to connect to City wastewater facilities within **Council District 2**.

Pinehurst Animal Center, 6500 W. Hampden Ave, Lakewood, CO 80227

2017-SUDP-0001469

3. **Requesting Agency:** Public Works DES

4. **Contact Person:** *(With actual knowledge of proposed ordinance/resolution.)*

- **Name:** Jim Turner
- **Phone:** 720-865-3033
- **Email:** Jim.Turner@denvergov.org

5. **Contact Person:** *(With actual knowledge of proposed ordinance/resolution who will present the item at Mayor-Council and who will be available for first and second reading, if necessary.)*

- **Name:** Angela Casias
- **Phone:** 720-913-8529
- **Email:** angela.casias@denvergov.org

6. **General description of proposed ordinance including contract scope of work if applicable:**

This is a property outside of the limits of the City that needs to connect to City wastewater facilities, which requires an Ordinance.

*****Please complete the following fields:*** *(Incomplete fields may result in a delay in processing. If a field is not applicable, please enter N/A for that field.)*

- a. **Contract Control Number:** N/A
- b. **Duration:** Permanent
- c. **Location:** 6500 W. Hampden Ave, Lakewood, CO
- d. **Affected Council District:** Council District 2
- e. **Benefits:** N/A
- f. **Costs:** N/A

7. **Is there any controversy surrounding this ordinance?** *(Groups or individuals who may have concerns about it?)*
Please explain.

None

To be completed by Mayor's Legislative Team:

SIRE Tracking Number: _____

Date Entered: _____

LEGAL DESCRIPTION

THAT PART OF THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 1, TOWNSHIP 5 SOUTH, RANGE 69 WEST DESCRIBED AS FOLLOWS:

BEGINNING 1098 FEET EAST OF THE NORTHWEST CORNER OF SECTION 1, THENCE SOUTH 0°40' WEST, PARALLEL WITH THE WEST LINE OF SAID SECTION 1, 275.00 FEET; THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID SECTION 1, 158.4 FEET; THENCE NORTH 0°40' EAST PARALLEL WITH THE WEST LINE OF SAID SECTION 1, 275.0 FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 1, THENCE WEST ALONG THE NORTH LINE OF SAID SECTION 1, 158.4 FEET TO THE POINT OF BEGINNING, EXCEPT THE NORTH 30 FEET, AND

EXCEPT THAT PORTION DEEDED TO THE STATE OF COLORADO IN DEED RECORDED MARCH 12, 1962 IN BOOK 1575, PAGE 337, COUNTY OF JEFFERSON, STATE OF COLORADO.



EXECUTIVE SUMMARY

Project Title: Pinehurst Animal Center 2017-SUDP-0001469 Request for an Ordinance to connect to City wastewater facilities.

Description of Proposed Project: This is a property outside of the limits of the City that needs to connect to City wastewater facilities, which requires an Ordinance.

Explanation of why the public right-of-way must be utilized to accomplish the proposed project: No direct access to Denver sanitary mains, other than via Right-of-Way.

Has a Temp MEP been issued, and if so, what work is underway: A determination of Encroachment type (Tier I, Tier II, or Tier III) has not been made. This determination will be made during construction plan preparation and review.

What is the known duration of an MEP: The Encroachment would be for an indefinite period.

Will land be dedicated to the City if the vacation goes through: N/A

Will an easement be placed over a vacated area, and if so explain: N/A

Will an easement relinquishment be submitted at a later date: N/A

Additional information: None.



Legend

2D Grid

100-Year Flood Depth (>0")

- <3"
- 3" - 6"
- 6" - 12"
- 1' - 1.5'
- 1.5' - 3'
- 3' - 4.5'
- 4.5' - 6'
- > 6'

Sanitary Fitting

- Air/Vacuum Release Valve and Va
- Cap
- Concentric Reducer
- Connector
- Coupling
- Gradebreak
- High Point Fitting
- Junction
- Plug
- Plug Valve
- Presumed Fitting
- Rubber Gasket
- Split Flow Fitting
- Tap Fitting
- Tee
- Unknown

Sanitary Cleanout

- Cleanout
- Flushing Structure
- Lamp Hole
- Split Flow Cleanout
- Tap Cleanout

Sanitary Structure

- Cross Over Valve Vault
- Diversion Chamber
- Diversion Point
- Headwall
- Junction Chamber
- Pump
- Lift Station
- Split Flow Structure
- Tap Structure
- Unknown

196 0 98 196 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere

© City and County of Denver

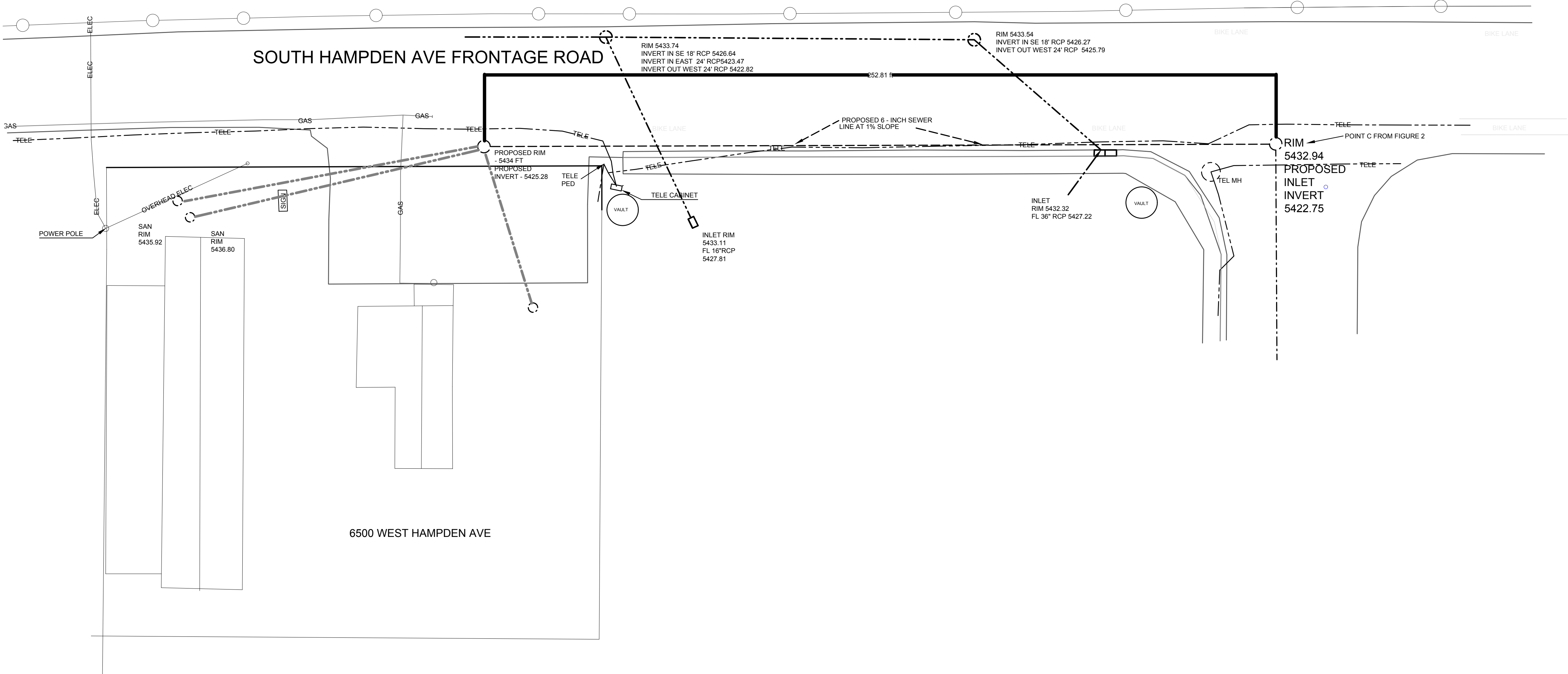
1:1,528

Map Generated: 3/31/2017

The City and County of Denver shall not be liable for damages of any kind arising out of the use of this information. The information is provided "as is" without warranty of any kind, express or implied, including, but not limited to, the fitness for a particular use.

THIS IS NOT A LEGAL DOCUMENT.

U.S 285-HAMPDEN AVENUE



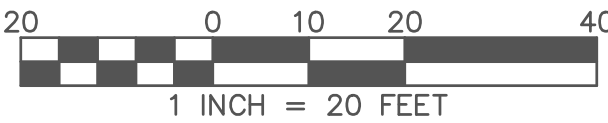
LEGEND

Building	
Gas	
Sanitary Sewer	
Sanitary Sewer - Proposed	
Sanitary Sewer Manhole	
Sanitary Sewer Manhole - Proposed	
Storm Sewer	
Storm Sewer Manhole	
Telephone	
Utility Vault - Unknown	

Survey Data Provided by: Mountain Navigation Inc.
1824 South Zang Court
Lakewood, Colorado 80228
303.514.5232
George.Moody@MountainNav.com
MountainNav.com

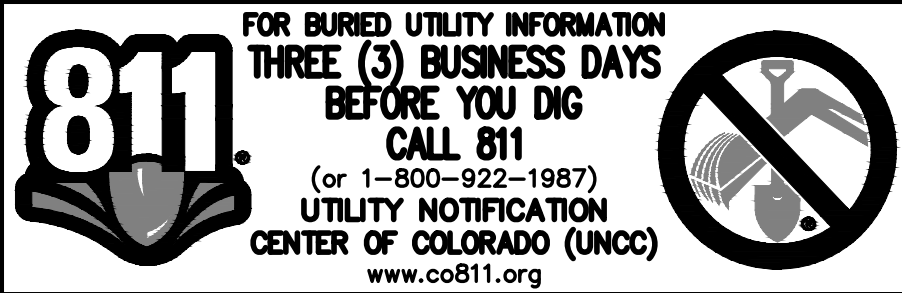
Background Photo: Google Earth Pro
Downloaded March 13, 2017
NOT SHOWN

Building outline/some property line: Determined by HMD from Google Earth Pro Photo



NOTE

Point C Elevations from Denver Wastewater:
Rim: 5432.94 Ft (verified by surveyor above)
Invert: 5422.50 Ft



CONSULTANT

H. M. (Skip) Dinges III, MBA, PE
HMD Consulting, Inc.
PO Box 280487
Lakewood, CO 80228
720.375.0517
Skip.Dinges@HMDwater.com
www.HMDwater.com

OWNER

Holly Thibault
Pinehurst Animal Center
6500 West Hampden Avenue
Lakewood, CO 80227
303.489.0757 Mobile
TBoobless@gmail.com
WWW.PinehurstAnimalCenter.com

PROJECT/PROJECT EXPLANATION

PINEHURST ANIMAL CENTER SEWER EXTENSION

The Pinehurst Animal Center Septic System is failing. Pinehurst is petitioning Denver Wastewater to accept a connection from Pinehurst Animal Center. This drawing is part of the petition. NOT FOR CONSTRUCTION

HMD Project Number: 186-0

REFERENCE:

REVISIONS:

No.	Date	Description

DRAWING AUTHORS/ QUALITY CONTROL

DRAWN BY:

CHECKED BY:

APPROVED BY:

AS-BUILT DATE:

AS-BUILT BY:

DRAWING TITLE

OVERALL UTILITY PLAN

SS1

SHEET 1 OF 1 SHEET



January 16, 2017

H. M. (Skip) Dinges III, MBA, PE
HMD Consulting, Inc.
PO Box 280487
Lakewood, CO 80228


RE: 6500 W. Hampden Avenue

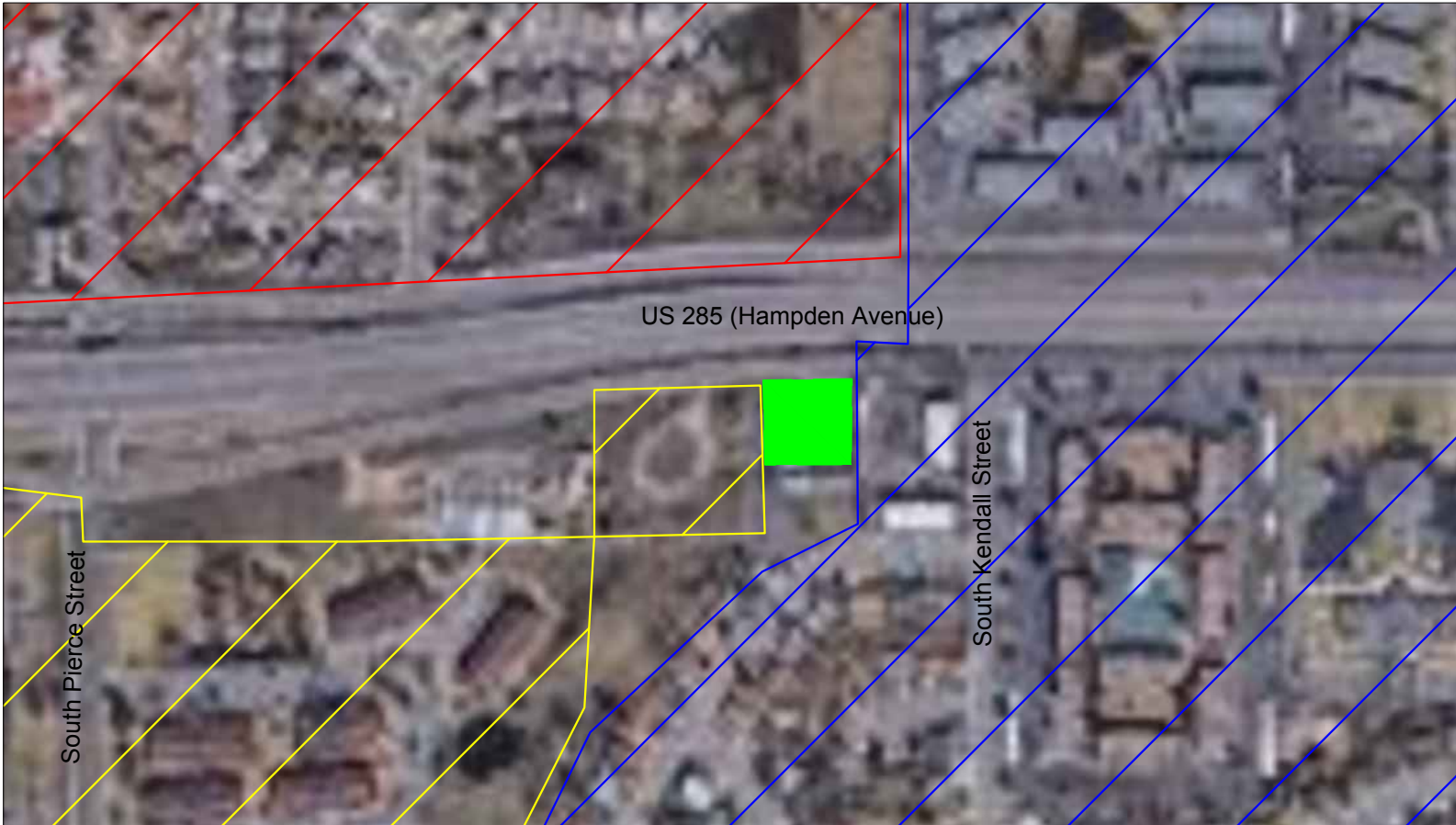
To Whom It May Concern:

Please be advised the above referenced address is currently not within the service area of the Lakehurst Water and Sanitation District. An Inclusion process into the District would be required for Lakehurst to consider serving this property. There are currently no District sewer or water main lines near this property. Approximately 1,000 + or - feet of sewer/water main line would be required to be installed to serve this address.

If you have any questions or if you need additional information please contact me at 303-985-7895.

Sincerely,


Steve Daldegan
District Manager



Not to Scale

Photo Source: Google Earth Pro

Pinehurst Animal Shelter
6500 West Hampden Avenue
Lakewood, CO 80227

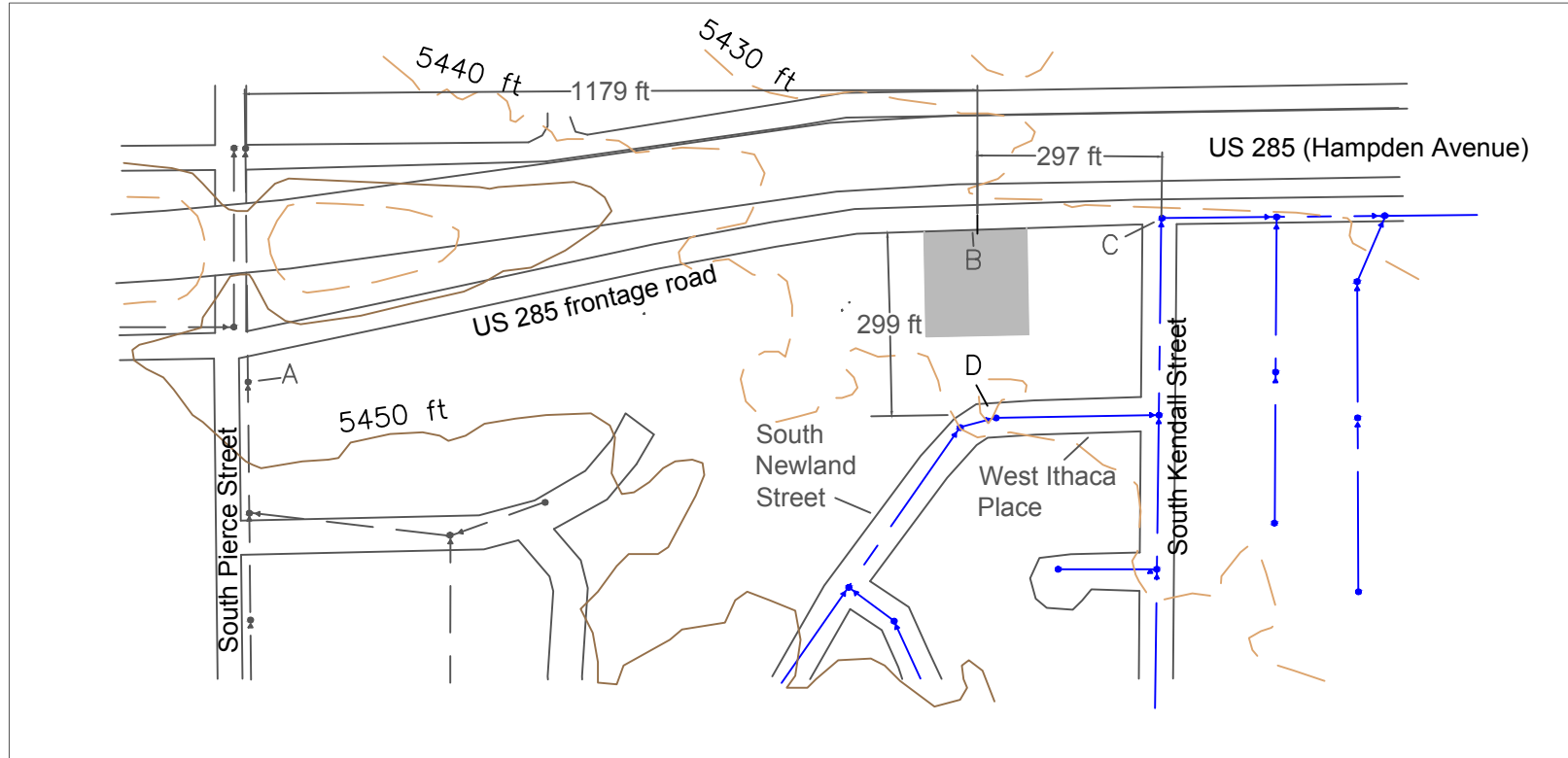
Bennett Bear Creek Farm W&S District

City and County of Denver Wastewater Management

Lakehurst W&S District



Figure 1
Adjacent Water and Sanitation Districts
Pinehurst Animal Shelter Sanitary Service Request



Scale: 1 inch = 300 feet
Contour Interval = 10 feet

Base map digitized from USGS Fort Logan Quad
Contours digitized from USGS Fort Logan Quad
Denver system locations taken from Denver wastewater maps - location approximate
Lakehurst information taken from Lakehurst system maps - location approximate

Pinehurst Animal Shelter
6500 West Hampden Avenue
Lakewood, CO 80227

City and County of Denver Wastewater Management
sewer lines and manholes

Lakehurst W&S District Sewer lines and manholes



Estimated Elevations (feet)

	A	B	C	D
rim	5448	ground 5433	5432.94	rim 5440.00
invert	5439		invert 5422.50	invert 5430.48

Figure 2
Adjacent W&S District Sanitary Lines
Pinehurst Animal Shelter Sanitary Service Request



CITY AND COUNTY OF DENVER

Department of Public Works - Development Services

Sewer Use and Drainage Permit



Address: 6500 W Hampden Ave, Lakewood, CO 80227

Permit # 2017-SUDP-0001469

Project Name: Pinehurst Animal Center Sanitary Sewer Connection from outside Denver

Application Date: 05/01/2017

Ready Date: 05/01/2017

Type of Work: None
Service Area Code: 04080000

Use: Commercial
SFRE: 11

Reduced or Exempt Fee:
Tap Size: 1.50

Fee Type	Fund/Org/No	Fee Amount	Transaction Number	Payment Date	Void
Report to Metro:	Total Permit Fees:		Exemption or Fee Reduction:		

Upon proper inspection and issuance of a Sewer Connection Permit and compliance with the terms and conditions of this Permit as well as those of the associated Application, authorization to connect to the sewer system is hereby granted. All Wastewater Management Division rules and regulations, criteria, standards, details, etc., shall apply as a minimum unless specifically exempted in writing. All inspection requests must be called in to Wastewater, at the (303) 446-3759 number, no later than 3:30 P.M. on the previous business day. No inspection requests will be accepted after 3:30 P.M. If work under this Permit is not properly completed, this Permit shall become void. If work under this Permit is not commenced within one year from the date of issuance or, if after partial completion, the work is discontinued for a period of one year, this Permit shall become void. Failure to comply with this Permit may result in the imposition

TYPE OF CONNECTION: New

REQUIRED INSPECTIONS FOR THIS PERMIT

See permit conditions below for more detailed information.

Inspection Type	Inspection Status	Inspection Scheduled Date/Inspection Date

SEWER PERMIT CONDITIONS:

- Number: 1 Condition: This permit is issued for an existing commercial building (located in the City of Lakewood, Jefferson County) sanitary sewer service line connection to a sanitary sewer main located within the City and County of Denver only.
- Any future additions to, modifications of, or changes of use to this commercial building must be reviewed and approved in writing by the City and County of Denver Development Services for potential impacts to a Denver Public Sanitary Main.
- Number: 2 Sanitary sewer connection fees, in accordance with RMC Chapter 56, Article 3, Division 3, Sec 56-92.5, will apply to this project and are non-refundable.
- Billing for ongoing carriage, treatment and disposal charges will be based on water usage and shall be 150% of the amount that would be charged for areas inside the boundaries of the City per residential connection or residential equivalent, in accordance with RMC Chapter 56, Article 3, Division 3, Secs. 56-97 through 56-101.

Office Copy

Site Copy - MUST BE POSTED ON SITE

Billing for this property will be sent directly to the owner of this property to address:

6500 W Hampden Ave
Lakewood, CO 80227

Increases to carriage, treatment and disposal charges may occur from time to time and will apply at the same rate / time for this property as for all other Denver Residents.

- 3 A copy of the domestic water tap application (Application for Water Supply License) for the new 1.5-inch domestic water tap must be submitted to PWPO, PRIOR to any sanitary building sewer construction or connection.

Anytime an existing domestic water tap is reactivated or increased in pipe size, or a new domestic water tap is added, a Sewer Use & Drainage Permit must be obtained from Development Services

- 4 ANY CHANGE IN THE BUILDING SEWER SIZE, CONFIGURATION OR LOCATION, FROM WHAT WAS ORIGINALLY SUBMITTED AND APPROVED BY DEVELOPMENT SERVICES MUST BE RESUBMITTED FOR REVIEW AND APPROVAL PRIOR TO ANY SANITARY BUILDING SEWER CONSTRUCTION.

- 5 Any portion of the building sewer being built over, or any portion within two (2) feet of a building, must be replaced with approved material (Schedule 40 PVC, ABS/DWV, or Cast Iron pipe). All new and replaced sewers beyond two (2) feet from the building must be inspected and approved by PW DES Plumbing Inspection.

- 6 The properly licensed sewer contractor must confirm if the existing public sanitary main has been lined prior to connection. The connection to the main shall be coordinated with the PW WMD Plumbing Inspector as to the proper connection method, if the public sanitary main is lined.

A 1:1 ratio to the bearing point must be maintained on all sanitary service lines.

The new six (6) inch PVC building sewer line and connection to the existing Denver public sewer main via existing manhole (Facility ID#39465SAMH) in S Kendall St must be inspected by PWDES Plumbing Inspection. Installation must conform to PW WMD standards regarding workmanship and materials, to include the use of Class B bedding material conforming to ASTM C-33, gradation size 67. All work must be done by a properly licensed Plumbing or Sewer Contractor and the licensed Plumbing or Sewer Contractor must call PWPO at 303-446-3759 with valid license and permit numbers, no later than 3:30 P.M. on the previous business day, to schedule inspections.

- 7 The properly licensed sewer contractor must coordinate all cleanout locations AND SIZES with the PW WMD Plumbing Inspector. An approved type of two-way cleanout shall be installed outside of the building near the connection between the building drain and building sewer, on ALL building sewer lines exiting the building or in compliance with section 708 of the 2009 IPC. Cleanouts are NOT permitted to be located in the garage floor slab or in the public right-of way. All cleanouts located within vehicle travel paths must be equipped with traffic-rated cleanouts. Additional cleanouts shall be installed at intervals not to exceed 100 feet and for each aggregate horizontal change in direction exceeding 135 degrees.

- 8 There shall be no storm water drainage from the ground surface, roof leaders, catch basin, or any other source; or subsurface drainage or ground water discharge into the sanitary sewer.

- 9 Domestic Sewage Only - No special wastes are to be discharged to the sanitary sewer.

- 10 The Owner, Site Developer, Contractor and/or their authorized agents shall ensure that all potential pollutants generated during demolition or construction work associated with this Project, be prevented from discharge to stormwater conveyance systems in the vicinity of this Project Site in accordance with the following:

1. The Owner, Site Developer, Contractor and/or their authorized agents shall prevent sediment, debris and all other pollutants from entering the storm sewer system during all demolition, excavation, trenching, boring, grading, or other construction operations that are part of this Project. The Owner, Site Developer, Contractor and/or their authorized agents shall be held responsible for remediation of any adverse impacts to the Municipal Separate Storm Sewer System, receiving waters, waterways, wetlands, and or other public or private properties, resulting from work done as part of this Project.

2. The Owner, Site Developer, Contractor and/or their authorized agents shall remove all sediment, mud, construction debris, or other potential pollutants that may have been discharged to or, accumulate in the flow lines storm drainage appurtenances, and public rights of ways of the City and County of Denver as a result of construction activities associated with this Project. All removals shall be conducted in a timely manner.

3. The Owner, Site Developer, Contractor and/or their authorized agents shall insure that all loads of cut and fill material imported to or exported from this site shall be properly covered to prevent loss of the material during transport on public rights of way. (Sec.49-552; Revised Municipal Code)

4. The use of rebar to anchor best management practices, other than portable toilets, is prohibited.

5. The Owner, Site Developer, Contractor and/or their authorized agents shall implement the following Best Management Practices (BMPs) on site during construction:

i. VEHICLE TRACKING CONTROL: VEHICLE TRACKING CONTROL: This BMP is required at all access points for ingress/egress from off-site impervious surfaces to construction site pervious areas that are used by vehicular traffic or construction equipment.

ii. INLET PROTECTION: This BMP is required on all existing or proposed storm sewer inlets in the vicinity of the construction site that may receive site runoff. The BMP must be appropriate to the type of

storm inlet and appropriate for the ground surface at the inlet.

iii. INTERIM SITE STABILIZATION: This BMP is required to provide a measure for preventing the discharge of sediment from construction sites where overlot grading or other site disturbance has occurred. This BMP is particularly necessary on sites where construction activities/disturbance will be limited to small areas of the Project site. Acceptable BMPs include:

- a) Preserving existing vegetation
- b) Seeding and planting
- c) Mulching
- d) Mulching and seeding
- e) Temporary/Permanent re-vegetation operations
- f) Chemical soil stabilizer application (requires WMD approval)

iv. WASTE MANAGEMENT/CONTAINMENT: This BMP requires that all construction wastes, fuels, lubricants, chemical wastes, trash, Sanitary wastes, contaminated soils or debris shall be contained on site, protected from contact with precipitation or surface runoff, periodically removed from the construction site, and properly disposed of.

v. SPILL PREVENTION /CONTAINMENT: This BMP defines the measures proposed for preventing, controlling, or containing spills of fuel, lubricants, or other pollutants; and protecting potential pollutants from contact with precipitation or runoff.

vi. CHUTE WASHOUT CONTAINMENT: Water used in the cleaning of cement truck delivery chutes shall be discharged into a predefined, bermed containment area on the job site. The required containment area is to be bermed so that wash water is totally contained. Wash water discharged into the containment area shall be allowed to infiltrate or evaporate. Dried cement waste is removed from the containment area and properly disposed of.

a) The direct or indirect discharge of water containing waste cement to the storm sewer system is prohibited (Sec.56-102a, c; Revised Municipal Code, City and County of Denver).

vii. SWEEPING: This BMP requires that impervious surfaces which are adjacent to or contained within construction sites be swept on a daily basis or as needed during the day when sediment and other materials are tracked or discharged on to them. Either sweeping by hand or use of Street Sweepers is acceptable. Street sweepers using water while sweeping is preferred in order to minimize dust. Flushing off paved surfaces with water is prohibited.

viii. PERIMETER CONTROL: This BMP requires that a construction site install a perimeter control measure along the edge of the construction Site, to prevent, or filter the discharge of surface runoff from the construction site. The type of perimeter control used shall be determined based on site conditions and location. Maintenance and repair of the control measure shall occur as needed, in a timely manner.

ix. STOCK PILES: Soils that will be stockpiled for more than thirty (30) days shall be protected from wind and water erosion within fourteen (14) days of stockpile construction. Stabilization of stockpiles located within 100 feet of receiving waters, or with slopes 3 to 1 or greater shall be completed within seven (7) days following stockpile construction. Stabilization and protection of the stockpile may be accomplished by any of the following: Mulching, Temporary/Permanent Revegetation Operations, Chemical Soil Stabilizer Application (requires Denver Public Works approval), or erosion control matting/Geotextiles. If stockpiles are located within 100 feet of receiving waters, a drainageway or the site perimeter, additional sediment controls shall be required.

x. SAW CUTTING OPERATIONS: ?The Contractor shall protect all storm sewer facilities adjacent to any location where pavement cutting operations involving wheel cutting, saw cutting, or abrasive water jet cutting are to take place. The Contractor shall remove and properly dispose of all waste products generated by said cutting operations on a daily basis or as needed throughout the work day. The discharge of any water contaminated by waste products from cutting operations to the storm sewer system is prohibited.? (Sec.56-102a, c; Revised Municipal Code, City and County of Denver)

xi. Structural controls: Development sites that are required to provide detention and water quality enhancement facilities for storm runoff need to install the detention facilities early in the construction build-out of the site. Projects that are using underground detention are required to install a pretreatment structure or sedimentation basins as a means of treating potentially polluted storm water prior to entering the detention structure. Use of these structures is required for entrapping sediment and construction debris during the active construction phase of the project. The narrative section of the Management Plan is also required to address operation and maintenance of the structural controls being used as an active construction BMP.

6. Erosion and sediment control ?Best Management Practices? shall be maintained and kept in effective operating condition for the duration of this Project. All necessary maintenance and repair shall be completed immediately upon discovery of any deficiency or defect.

11

FLOODPLAIN PERMIT CONDITIONS:

Number:

Condition:

Standard Comments and Condition:

Conditions:

Anytime an existing domestic water tap is reactivated or increased in pipe size, or a new domestic water tap is added, a Sewer Use & Drainage permit must be obtained from Development Services.

PLEASE NOTE: The owner/developer is responsible for improvements/repairs in the right-of-way adjacent to this site. No Certificate of Occupancy will be validated by Public Works Construction until these improvements/repairs are complete. Contact the DES Construction Inspector PRIOR to starting construction. Call 303-446-3469 for the name and number of the inspector. Any work within the public right-of-way will require a Street Cut, Construction, and/or Street Occupancy Permit(s) from Public Works Permit Operations, located at 2000 W. 3rd Ave., Room 107, phone number 303-446-3759. It is the Licensed Contractor's responsibility to obtain the proper permit(s).

DRAFT

DRAFT

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