

# Lincoln Ave 25th to 26th Sewer and Water Improvements



## PLAN SHEETS

- 1 GEN 1 - COVER SHEET
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- 3 DEMO 1 - DEMOLITION PLAN
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GEN1

SHEET 7

PAGES 9

REV	DATE	DESCRIPTION
0	4/10/2025	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER

DANIEL SHIPP, DLS

NO. 4939584-2202

EXP. 2/21/2027

CIVIL

STATE OF UTAH

DESIGNED AA

DRAWN AA

CHECKED

DATE 4/10/2025

DRAWING SCALE

H: 1" = (22x34) (11x17)

V: 1" = (22x34) (11x17)

This set measures exactly one inch on the original drawing

COVER SHEET

LINCOLN AVE SEWER AND WATER IMPROVEMENTS

Lincoln Ave: 25TH to 26TH

Ogden

UTAH

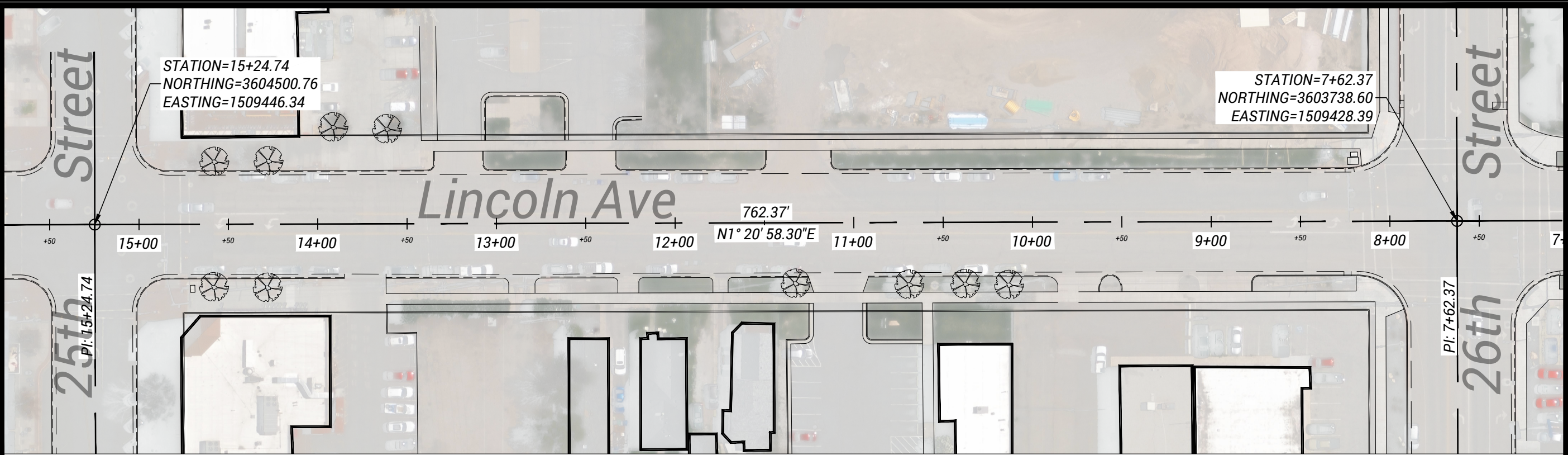
Still Untamed™

2549 Washington Blvd, Suite 760 Ogden, UT 84401  
Phone: 801-629-8980 engineering.ogdencity.com

DRAWING NAME: Lincoln Ave\_S27-28\_USG.dwg

PLOT DATE: 6/12/2025 1:39 PM





GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE "MANUAL OF STANDARD SPECIFICATIONS" AND "MANUAL OF STANDARD PLANS" PREPARED BY THE UTAH CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND OGDEN CITY AMENDMENTS TO SUCH STANDARD SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFIED OTHERWISE.
- 2. THE CONTRACTOR SHALL FULLY COMPLY WITH THE CONDITIONS OF THE UDOT PERMIT AND/OR OGDEN CITY ORDINANCES, POLICIES, REGULATIONS, SPECIFICATIONS AND STANDARDS RELATIVE TO WORK IN THE PUBLIC WAY AS APPLICABLE.
- 3. ALL EXISTING VALVES BEING ABANDONED SHALL HAVE SURFACE IMPROVEMENTS (RISER, COVER, AND CONCRETE COLLAR) REMOVED AND SURFACE REPAIRED.
- 4. ALL PAVING AND RESURFACING SHALL BE COMPLETE WITHIN 3 CALENDAR DAYS FROM THE TIME OF EXCAVATION UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- 5. NO BACKFILL SHALL OCCUR UNTIL INSPECTED AND APPROVED.
- 6. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS DURING ALL PHASES OF PROJECT.
- 7. WORK IN PUBLIC STREETS , ONCE BEGUN , SHALL BE PROSECUTED TO COMPLETION WITH DILIGENCE AND EXPEDITION AND RESTORE THE PUBLIC RIGHT OF WAY TO CITY SPECS WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND THE PUBLIC.
- 8. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL LAND WHETHER PUBLIC OWNERSHIP OR PRIVATE OWNERSHIP, TO IT'S ORIGINAL STATE.
- 9. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY CONSTRUCTION FACILITIES, WATER, POWER, SANITATION, AND TELEPHONE SERVICE AS NEEDED.
- 10. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING WATER, SEWER, ELECTRICAL, GAS AND OTHER UTILITY LINES.
- 11. CONTRACTOR IS RESPONSIBLE TO SUBMIT AS-BUILT DRAWINGS TO THE CITY PRIOR TO FINAL PAYMENT.
- 12. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING COMPLETION OF WORK. REASONABLE WEAR EXCEPTED.

PIPING NOTES

- 1. CONTRACTOR IS RESPONSIBLE FOR ALL PIPE FABRICATION AND SIZING (PVC-C900).
- 2. MINIMUM COVER REQUIRED SHALL BE 60 INCHES WITHIN UDOT R.O.W. AND 48 INCHES IN OGDEN CITY R.O.W.
- 3. ALL WORK SHALL HAVE 18" MINIMUM CLEARANCE FROM ALL OTHER UTILITIES.
- 4. CONTRACTOR TO REPLACE ALL EXISTING ACTIVE SERVICES WITH POLY PIPING; UPSIZING SERVICES LESS THAN 1" TO 1" AND REPLACING IN LIKE SIZE FOR SERVICES GREATER THAN 1" FROM WATER MAIN TO METER BOX.
- 5. WATER SERVICES TO BE LOOPED UNDER EXISTING UTILITIES SO TO MAINTAIN MINIMUM COVER OF 60" FROM FINISH GRADE.
- 6. SECURE ALL MECHANICAL JOINTS (MJ) FITTINGS WITH MEGALUGS.
- 7. MINIMUM MECHANICAL BEND RADIUS ON SERVICES WILL BE 4".
- 8. FITTINGS CONNECTED TO OTHER FITTINGS WILL BE FLANGED CONNECTIONS UNLESS NOTED IN THE PLANS.
- 9. ABANDONED LINES SHALL BE CAPPED WITH A CONCRETE PLUG.
- 10. OLD FIRE HYDRANTS REMOVED SHALL BE SALVAGED AND TURNED OVER TO OGDEN CITY.
- 11. OWNER RESERVES THE RIGHT TO MAKE CHANGES IN ALIGNMENT, CONNECTION DETAIL, ETC. AS FELT TO BE IN THE BEST INTEREST OF THE PROJECT AT NO CHANGE IN UNIT PRICES FOR PIPING, FITTINGS, ETC.
- 12. DUCTILE IRON CLASS 350 PIPE, SPOOLS, AND FITTINGS SHALL HAVE THE FOLLOWING COATINGS.
  - A. INTERIOR COATING SHALL BE CEMENT MORTAR.
  - B. EXTERIOR COATING SHALL BE ASPHALT COATING, 1 MIL. MIN. THICKNESS AND WRAPPED WITH POLYETHYLENE PER ANSI/AWWA C105.
- 13. ALL DUCTILE IRON PIPE FITTINGS AND SPOOLS SHALL BE 350 PSI WORKING PRESSURE.
- 14. ALL BOLTS ON PIPING (FLANGE BOLTS, ALL THREADS, TIE RODS, ETC.) TO RECEIVE TWO COATS OF NO-OXIDE WAX FOLLOWING INSTALLATION.
- 15. CONCRETE THRUST BLOCKING: SHALL OCCUR AT TAPS, TEMPORARY DEAD ENDS AND AT THE BASE OF ALL HYDRANTS. ALL OTHER LOCATIONS SHALL RELY ON RESTRAINED JOINTS TO HANDLE THRUST.

EXCAVATION NOTES

- 1. EXCAVATED MATERIAL MAY NOT BE USED AS BACKFILL IN THE PIPE ZONE.
- 2. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH OSHA REQUIREMENTS (LATEST REVISION).
- 3. TEMPORARY SHORING OF THE EXCAVATION, IF REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY LOCATION

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS BASED ON INFORMATION GATHERED FROM UTILITIES AND/OR FROM ABOVE-GROUND STRUCTURES OR EVIDENCE FOUND AT THE TIME OF SURVEY. AS SUCH, THE UNDERGROUND INFORMATION IS A BEST ESTIMATE. OGDEN CITY DOES NOT REPRESENT OR GUARANTEE THAT THE UNDERGROUND INFORMATION PROVIDED IS CORRECT OR UP TO DATE.

IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. CALL BLUESTAKES A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY DIGGING OR UTILITY WORK.

NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY THE CONTRACTORS ACTIONS.

COORDINATION

- 1. ALL WATERLINE SHUT DOWNS WILL REQUIRE FIVE WORKING DAYS NOTICE FOR COMMERCIAL AND THREE WORKING DAYS NOTICE FOR RESIDENTIAL. CONTRACTOR IS TO COORDINATE WITH OGDEN CITY FOR SHUT DOWN DATES AND TIMES. CONTRACTOR WILL PROVIDE NOTICES AND OGDEN CITY WATER WILL PERFORM VALVE SHUT DOWNS.
- 2. ALL CULINARY WATER TAPS SHALL BE COORDINATED WITH OGDEN CITY WATER DEPARTMENT AND ENGINEER FOR LOCATION OF TAPS AND LATERAL REPLACEMENT. OGDEN CITY WATER TO TAP ALL CONNECTIONS.
- 3. APPLICATION FOR INSPECTION BY OGDEN CITY ENGINEERING SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF 24 HOURS BEFORE SERVICES ARE REQUIRED.

EXCESS MATERIAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL EXCESS OR UNSUITABLE MATERIALS OFF SITE. THIS INCLUDES CLEARED AND GRUBBED MATERIAL, TREES, BRUSH, FENCING, PIPING, CONCRETE OR ANY OTHER MATERIALS THAT CANNOT BE USED IN CONJUNCTION WITH THE PROJECT.
- 2. THE CONTRACTOR WILL BE RESPONSIBLE TO OBTAIN A SUITABLE SITE FOR DISPOSAL OF EXCESS OR REJECTED MATERIALS.

CONTACTS

UTILITY COMPANIES:  
BLUE STAKES 800-662-4111  
DOMINION ENERGY MARK WALL 801-324-3503  
ROCKY MOUNTAIN POWER CRAIG BRUESTLE 801-629-4430  
UDOT WES EGGLESTON 801-648-8050  
OGDEN CITY:  
OGDEN CITY ENGINEERING DANIEL GILLIES 629-8991  
OGDEN CITY ENGINEERING ALEX ANDERSON 629-8981  
WATER DAVID LAMAY 629-8384  
SEWER BILL SIMPSON 629-8331  
URBAN FORESTER DAMIEN REEVES 629-8369  
UDOT:  
GENERAL NUMBER: 801-620-1600

GEN2

SHEET

9

PAGES

REV	DATE	DESCRIPTION
0	4/10/2025	DESCRIPTION

DESIGNED

AA

DATE

4/10/2025

DRAWN

AA

CHECKED

H:

1" =

(22'x34')

V:

1" =

(11'x17')

DRAWING SCALE

(22'x34')

(11'x17')

(22'x34')

(11'x17')

This set measures exactly one inch on the original drawing

BASIS OF BEARINGS

LINCOLN AVE SEWER AND WATER IMPROVEMENTS

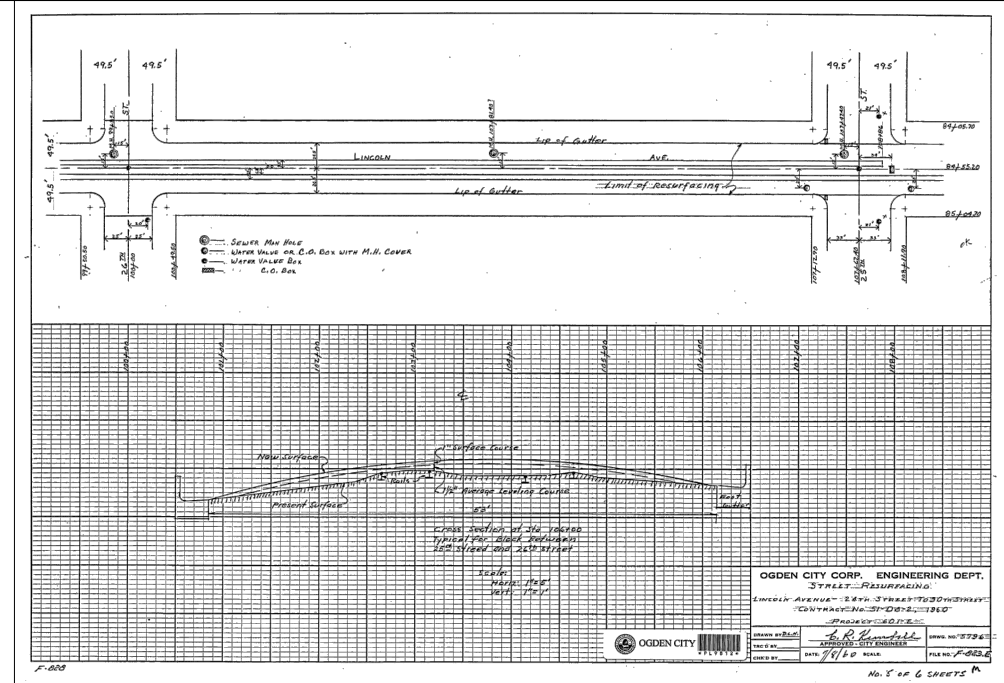
Lincoln Ave: 25TH to 26TH

2549 Washington Blvd. Suite 760 Ogden, UT 84401  
Phone: 801-629-8980 engineering.ogdencity.com

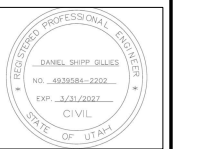




- [illegible]



A map of Lincoln Ave showing a scale bar and orientation. The map is oriented with North at the top. A scale bar is provided, indicating distances in feet. The scale bar has two rows of markings: the top row is labeled 'SCALE' and has markings at 0, 20, and 40; the bottom row has markings at 0, 5, and 10. The map shows Lincoln Ave running horizontally, with 25th Street to the left and 26th Street to the right. The scale bar is located below the map, and the orientation arrow is located to the left of the map.

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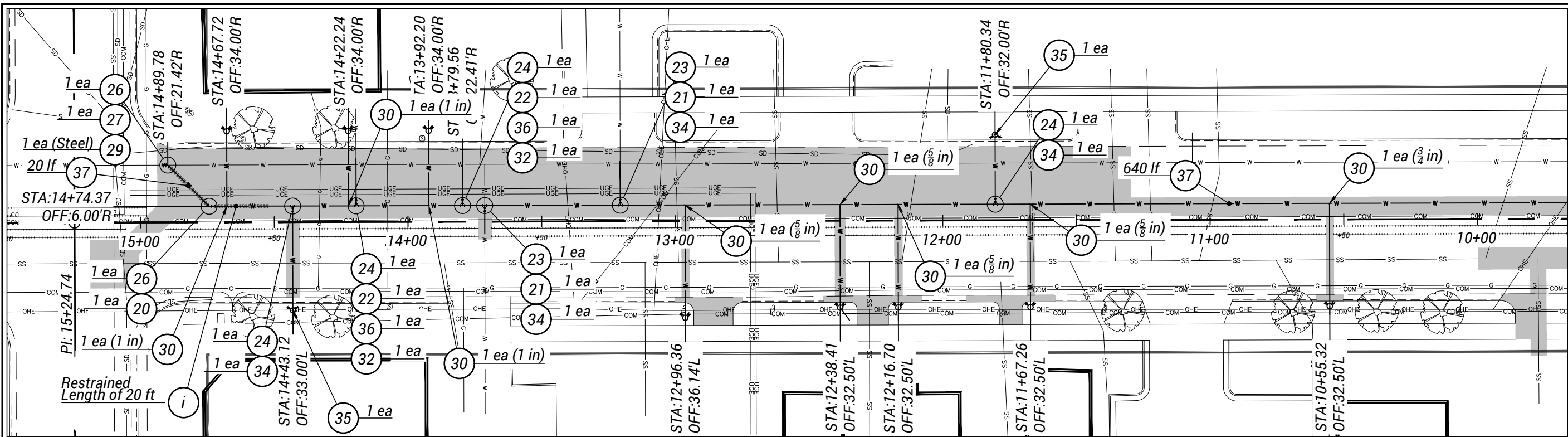
***DEMOLITION***

***LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS***

*Lincoln Ave: 25th Street to 26th Street*

DRAWING NAME: Lincoln\_Ave\_Mex-27-25\_DS&G.dwg PLOT DATE: 6/12/2025 1:40 PM





CULINARY WATER

- i

Information
- 20

12" Butterfly Valve
- 21

8" Gate Valve
- 22

6" Gate Valve
- 23

12"x8" Tee
- 24

12"x6" Tee
- 25

12" 90d Bend
- 26

12" 45d Bend
- 27

12"-8" Reducer
- 28

12" Coupler
- 29

8" Coupler
- 30

Connect Meter & Service Line
- 31

Not Used
- 32

4" Fireline Reinstatement
- 33

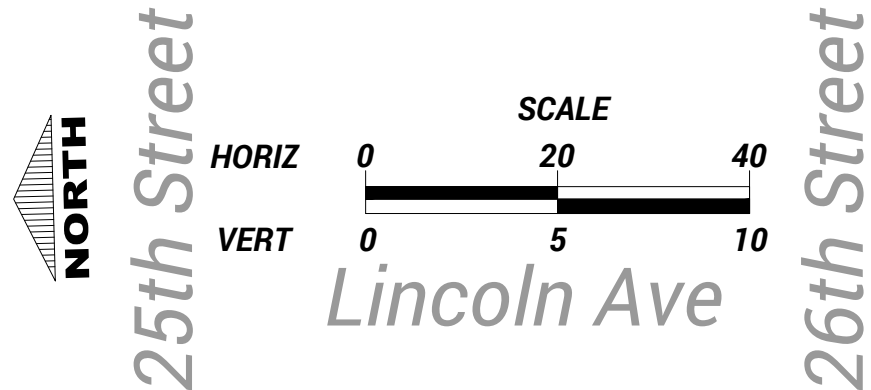
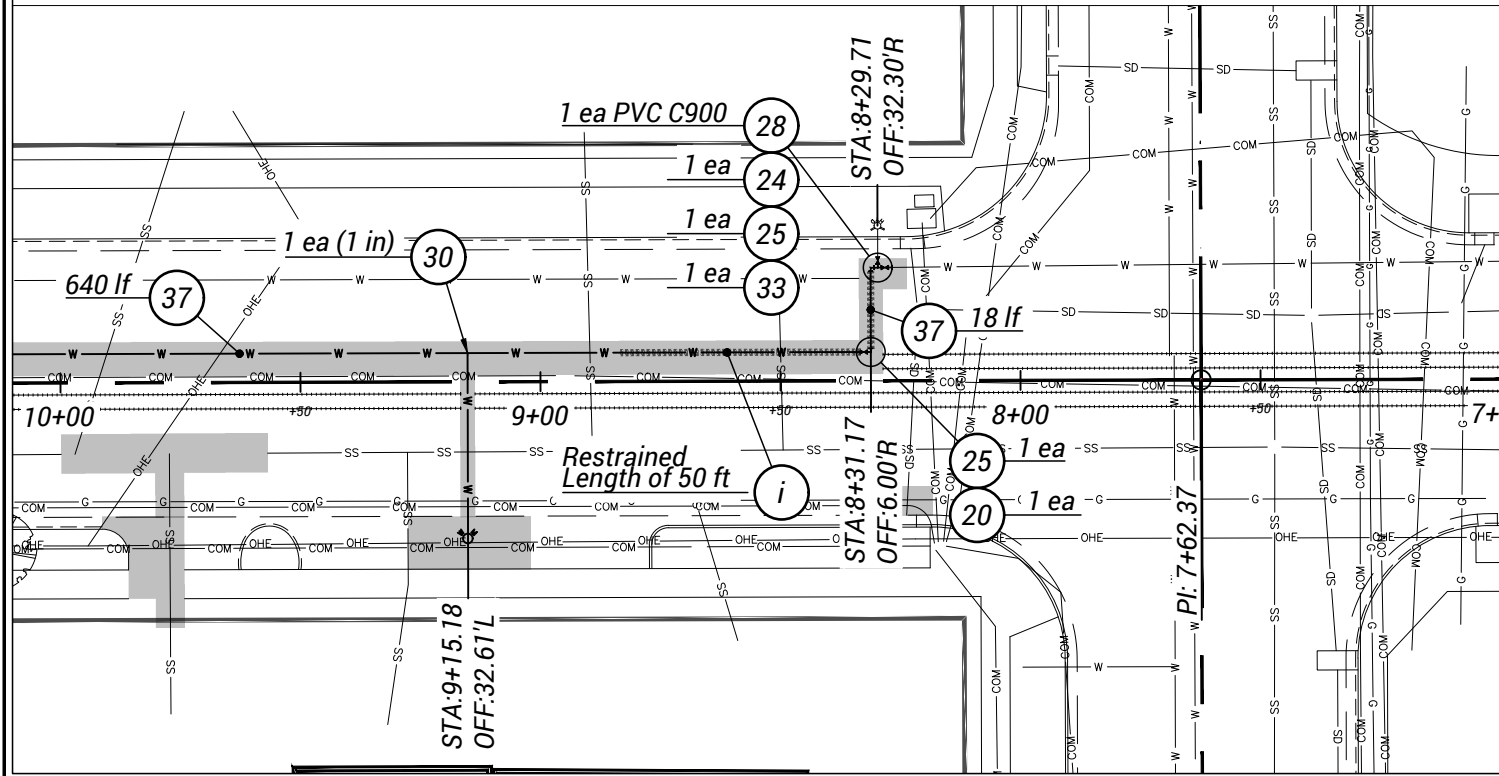
6" Fireline Reinstatement
- 34

8" Fireline Reinstatement
- 35

Ogden Std Fire Hydrant Assembly
- 36

6"-4" Reducer
- 37

12" Ductile Iron Class 350 Pipe



CW 1

SHEET

9

PAGES

4

REG. DATE DESCRIPTION

0 4/10/2025 DESCRIPTION

PROFESSIONAL ENGINEER

DANIEL SHIPP, DLS

NO. 4930984-2022

EXP. 2/21/2027

CIVIL

STATE OF UTAH

DATE

4/10/2025

DESIGNED

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DRAWN

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CHECKED

AA

DRAWING SCALE

(22x34)

(11x17)

H: 1"=

V: 1"=

This set of drawings was prepared by the original drawing

CULINARY WATER

LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS

Lincoln Ave: 25th Street to 26th Street

Ogden

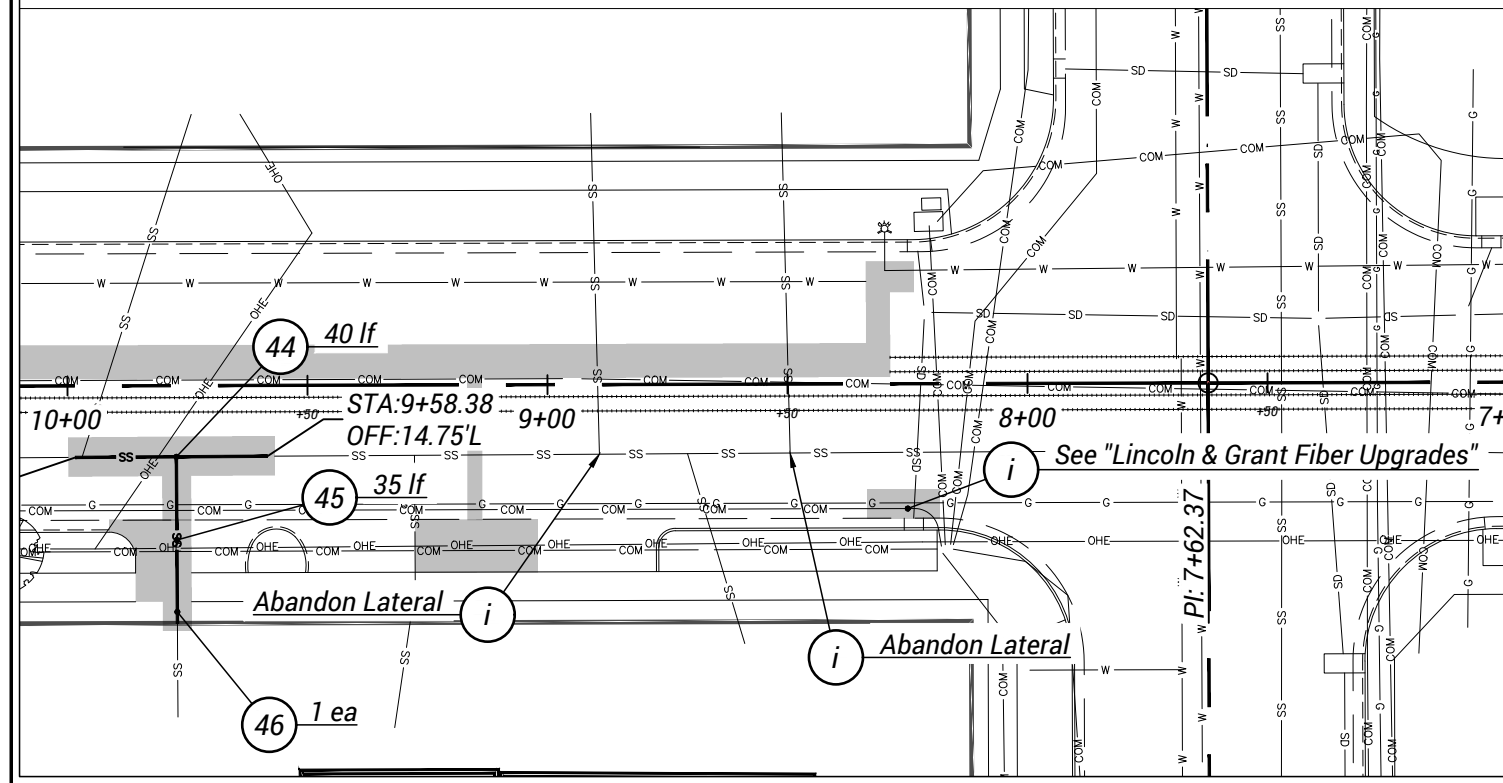
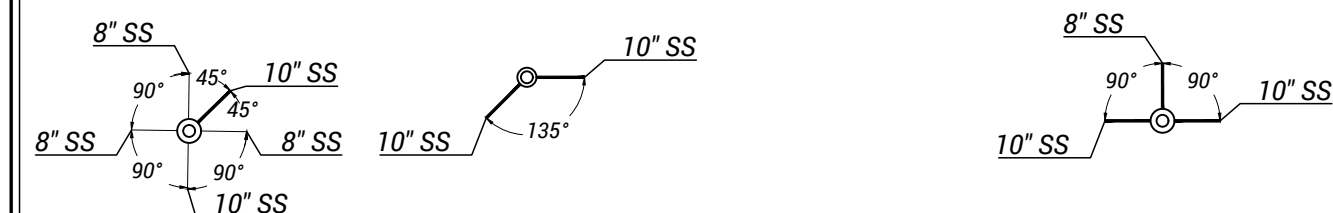
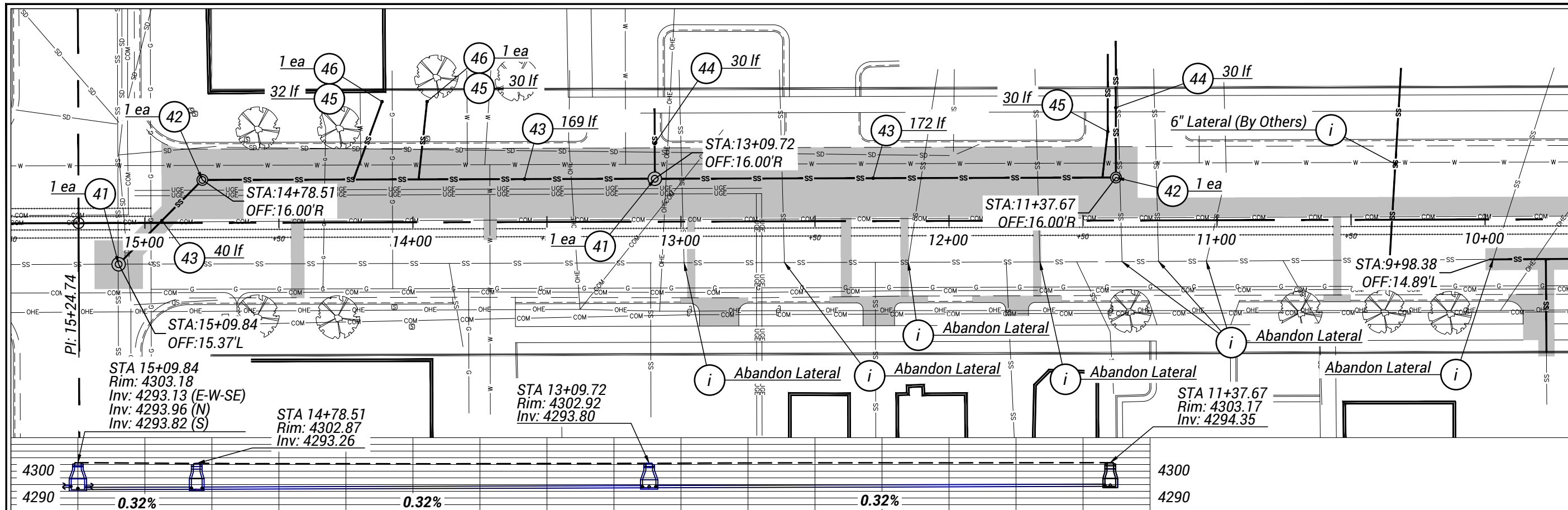
UTAH

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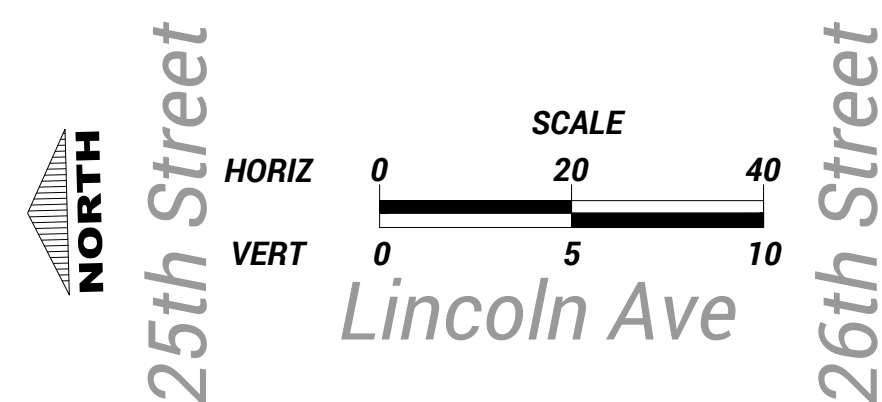
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# SANITARY SEWER & FIBER CONDUIT

- i Information
- 40 Not Used
- 41 5' SSMH
- 42 4' SSMH
- 43 10" SDR 35
- 44 8" SDR 35
- 45 6" SDR 35
- 46 Road Rated Cleanout



SS 1

SHEET 5

PAGES 9

REV

DATE

DESCRIPTION

0

4/10/2025

DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER

DANIEL SHIPP, DLS

NO. 4830884-2022

EXP. 2/21/2027

CIVIL

STATE OF UTAH

DESIGNED

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DATE

4/10/2025

DRAWN

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DRAWING SCALE

(22x34)

(11x17)

(22x34)

(11x17)

H: 1" =

V: 1" =

This set of drawings

represents the proposed

work and is to be used

only in connection with

the original drawing

SANITARY SEWER & FIBER CONDUIT

LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS

Lincoln Ave: 25th Street to 26th Street

DRAWING NAME: Lincoln Ave\_S&W-25-26 US&G.dwg

PLOT DATE: 6/12/2025 1:48 PM

Ogden

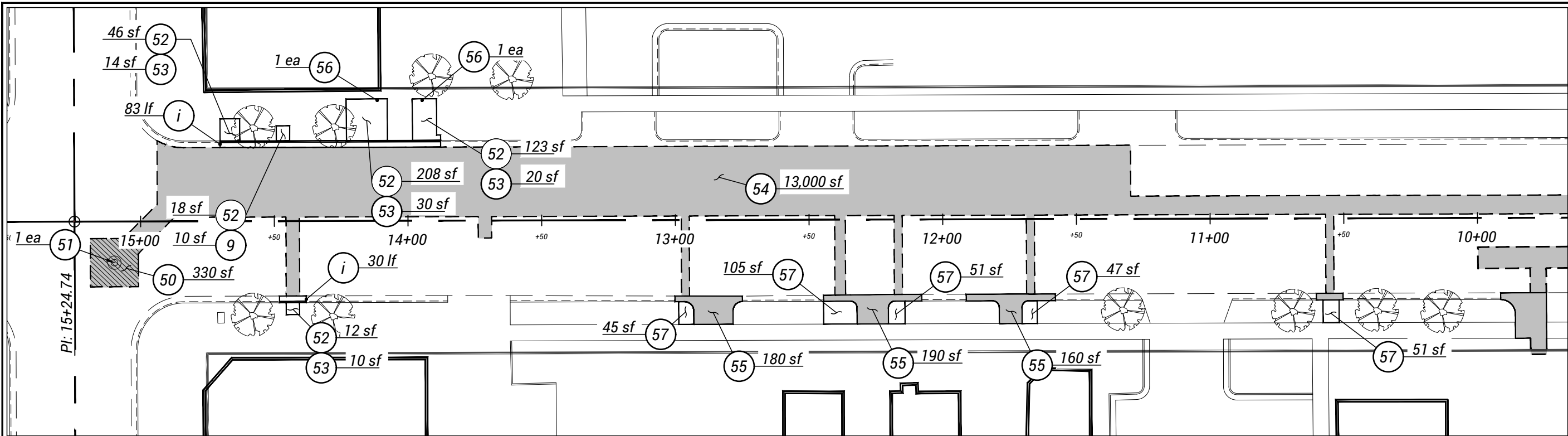
UTAH

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# ROADWAY

- i

Information
- 50

4" HMA/12" UTBC T-Patch
- 51

Raise & Collar SSMH
- 52

6" Concrete Sidewalk
- 53

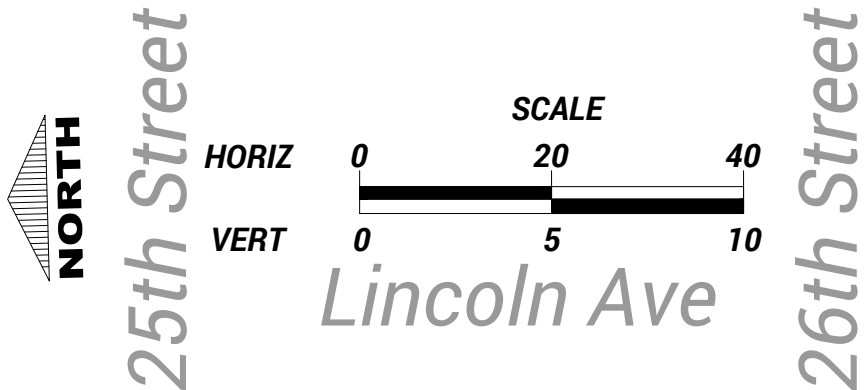
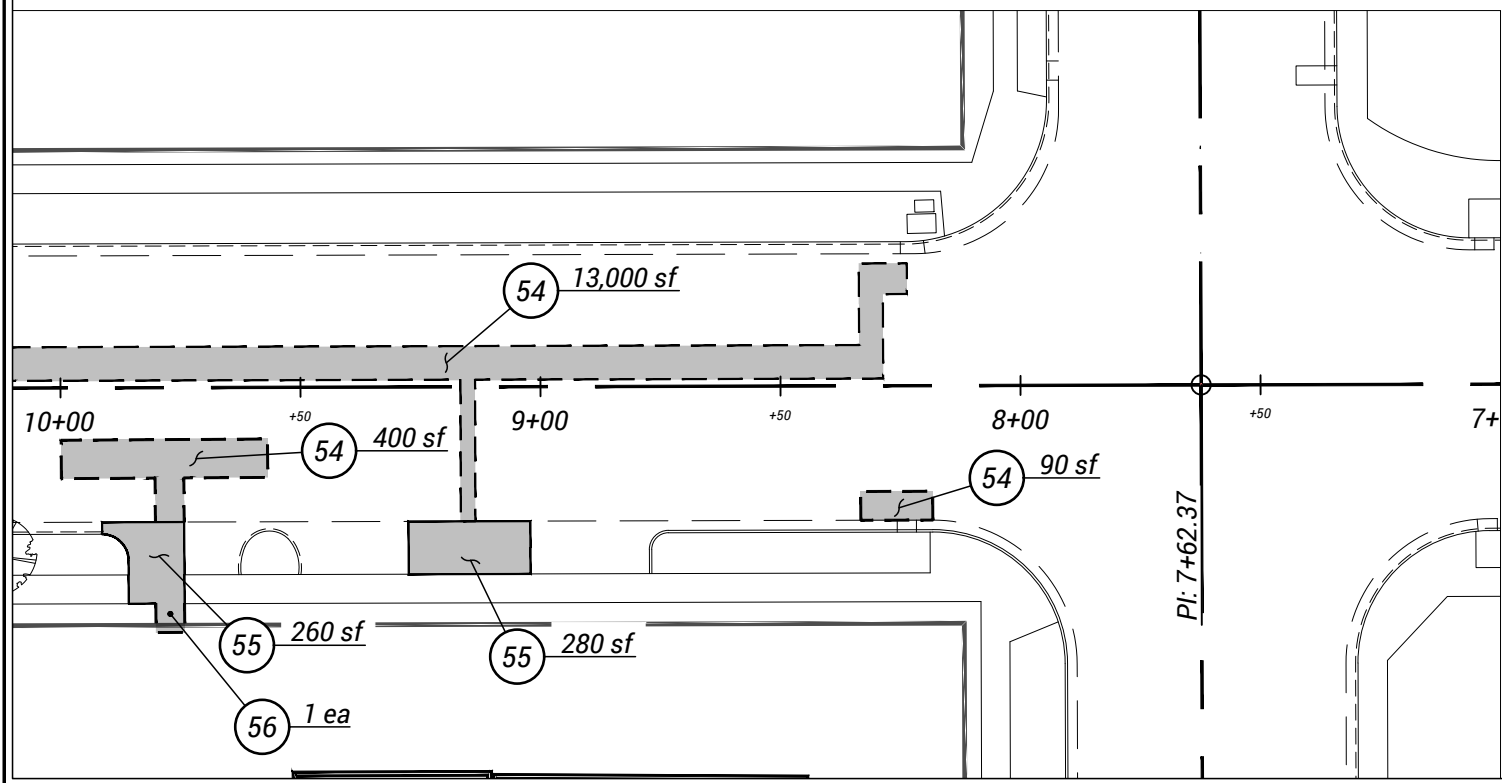
Paver Restoration
- 54

3" HMA/8" UTBC
- 55

3" "Warped" HMA
- 56

Raise SS Cleanout
- 57

Topsoil to Grade



**RDWY 1**

**6**

**9**

PAGES

REV

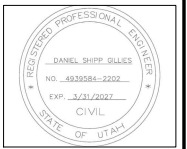
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DESCRIPTION



DESIGNED

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DATE

4/10/2025

DRAWN

AA

DRAWING SCALE

(22x34) (11x17)

CHECKED

AA

H: 1" =

(22x34) (11x17)

V: 1" =


(22x34) (11x17)

THIS SET MEASURES EXACTLY ONE INCH ON THE ORIGINAL DRAWING

**ROADWAY REHABILITATION**

**LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS**

Lincoln Ave: 25th Street to 26th Street

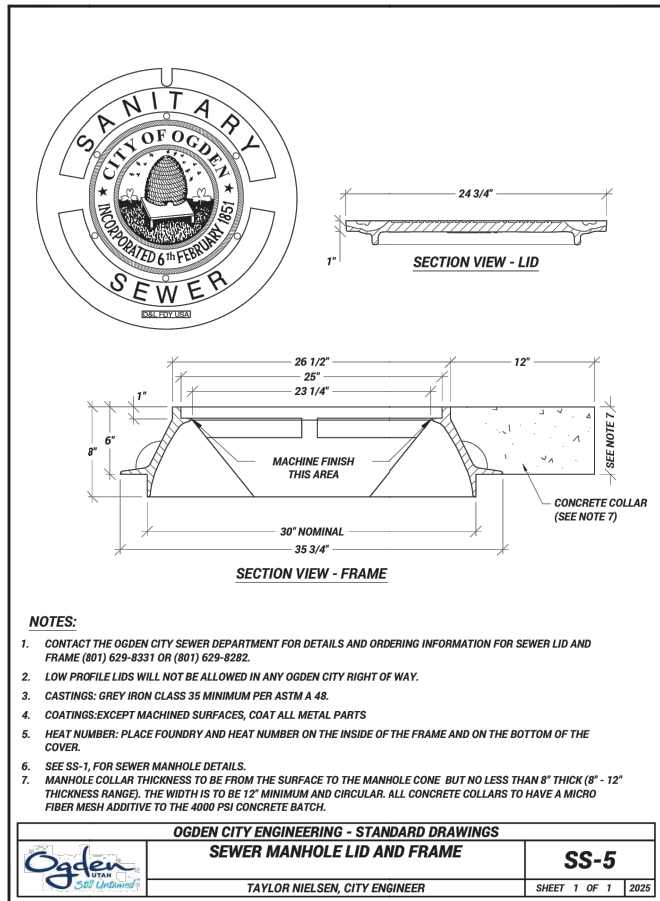
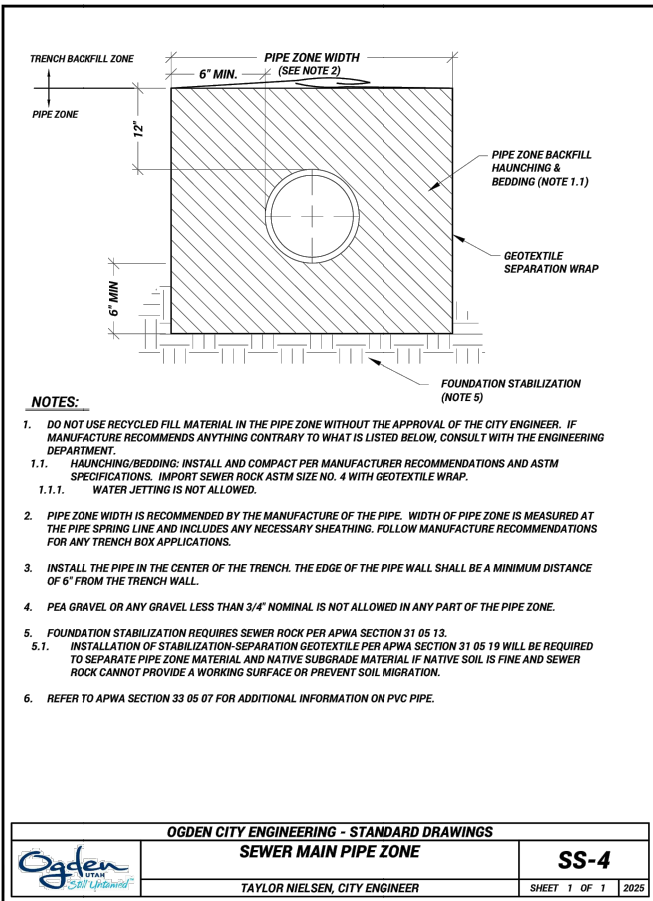
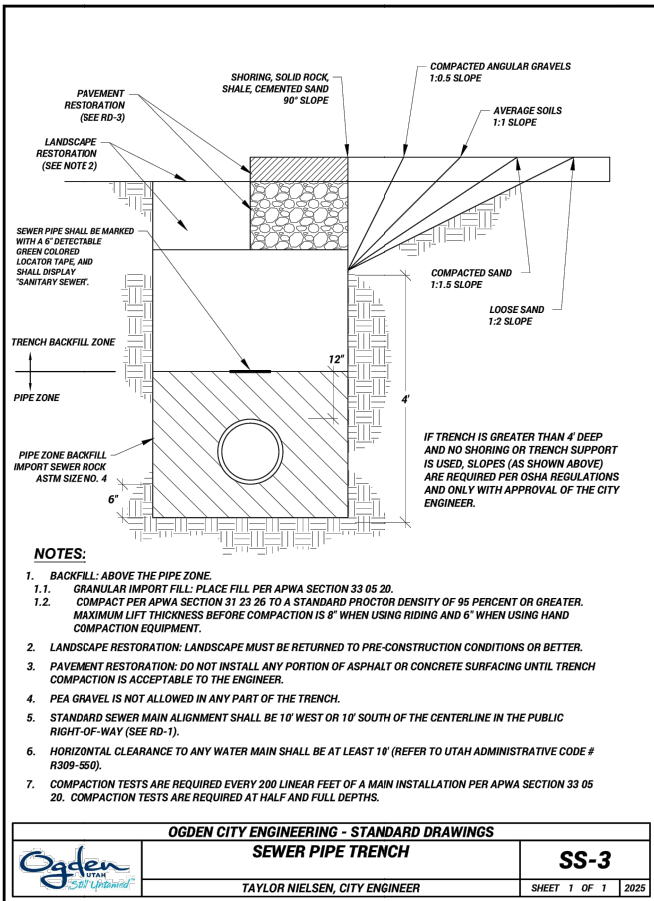
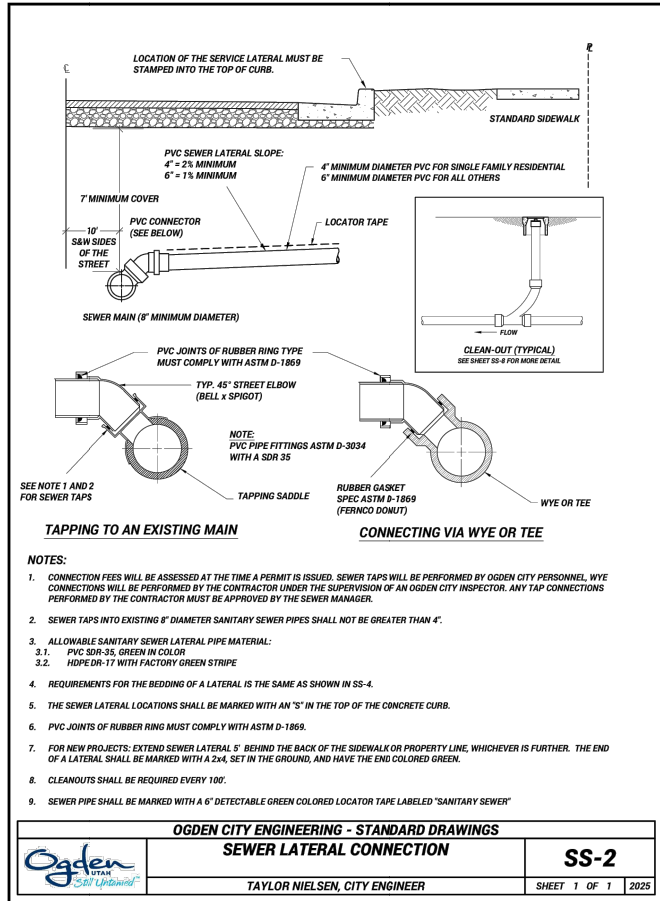
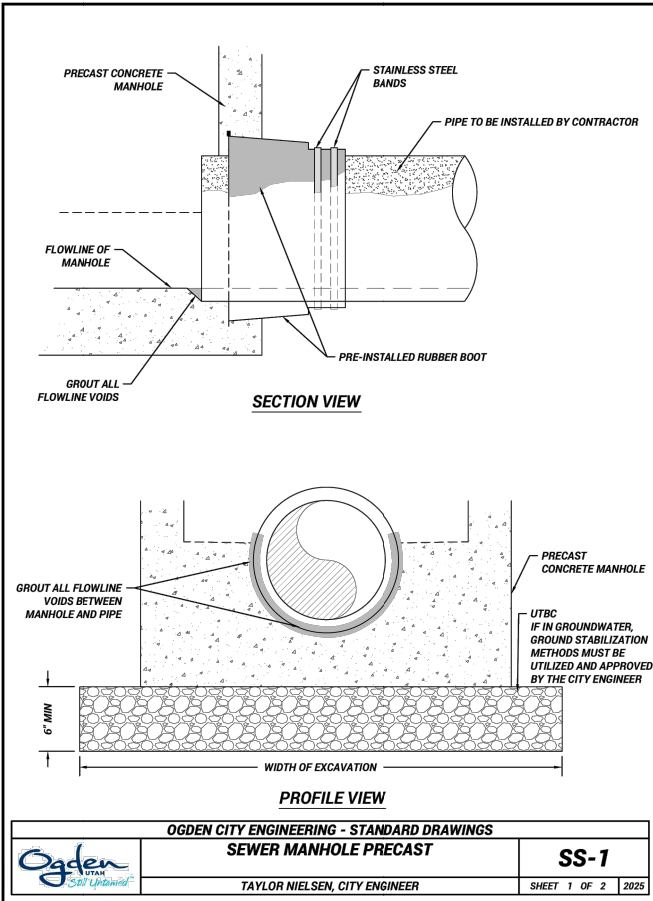
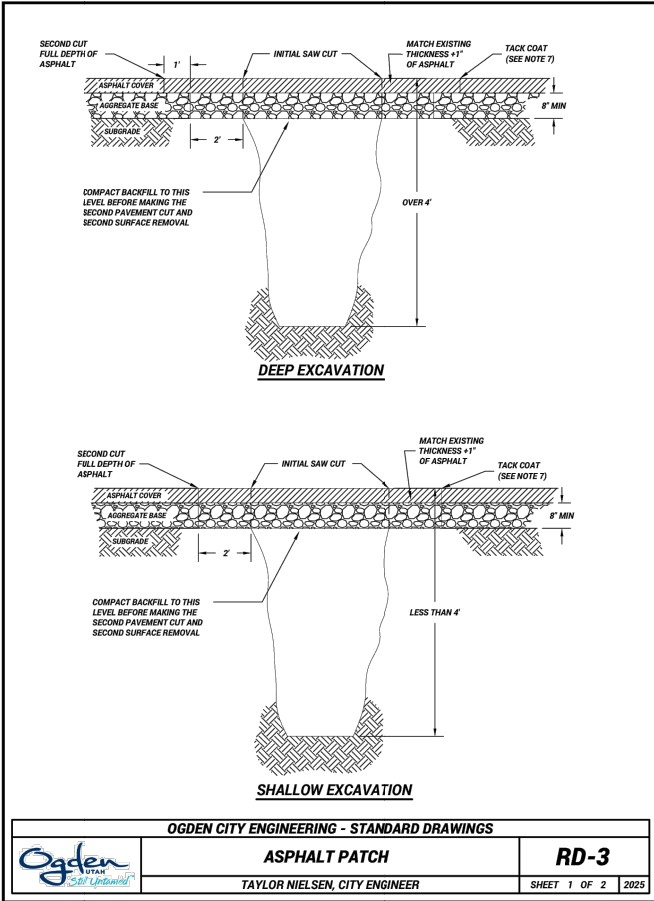


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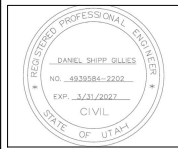




STD 1

SHEET 7  
9  
PAGES

REV	DATE	DESCRIPTION
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DESIGNED	DATE	AA
AA	4/10/2025	AA
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DRAWING SCALE		
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OGDEN STANDARD DRAWINGS

LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS

Lincoln Ave. 25th Street to 26th Street

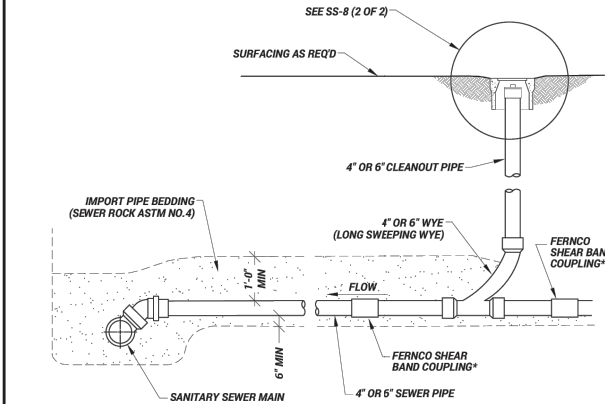
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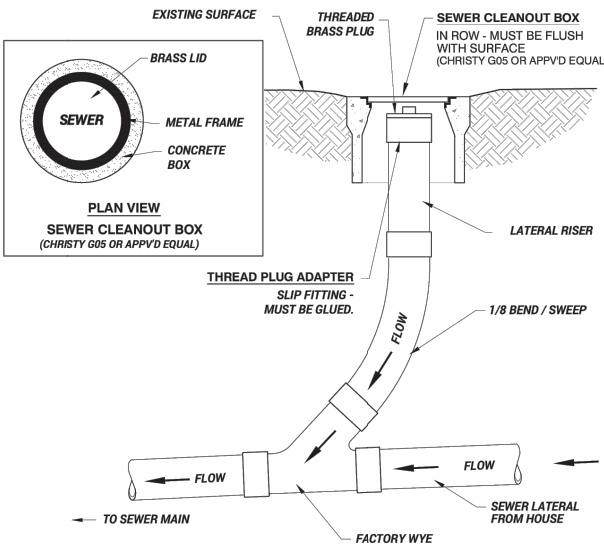


\*NOTE: FERNCO SHEAR BAND COUPLINGS USED FOR LATERAL REPAIRS ONLY.

#### NOTES:

1. OBTAIN PERMIT
2. OGDEN CITY IS NOT RESPONSIBLE FOR FLUSHING LATERALS. OWNER IS RESPONSIBLE FOR LATERAL FROM CONNECTION AT THE MAIN TO THE HOME.
3. CLEANOUTS SHALL BE PLACED EVERY 100 FEET.
4. ALL FITTINGS EXCLUDING THE CAP NEED TO BE RUBBER GASKETED.
5. NO CLEANOUT SHALL BE INSTALLED IN ANY ROADWAY.
6. ALLOWABLE PIPE MATERIALS ARE ABS (ACRYLONITRILE BUTADIENE STYRENE) - SCH 40 GREEN IN COLOR; PVC (POLYVINYL CHLORIDE) SDR-35 (GREEN IN COLOR); OR HDPE - SDR 19 GREEN IN COLOR OR FACTORY GREEN STRIPE. SEE SHEET SS-8 (SHEET 2 OF 2) FOR FURTHER DETAIL.

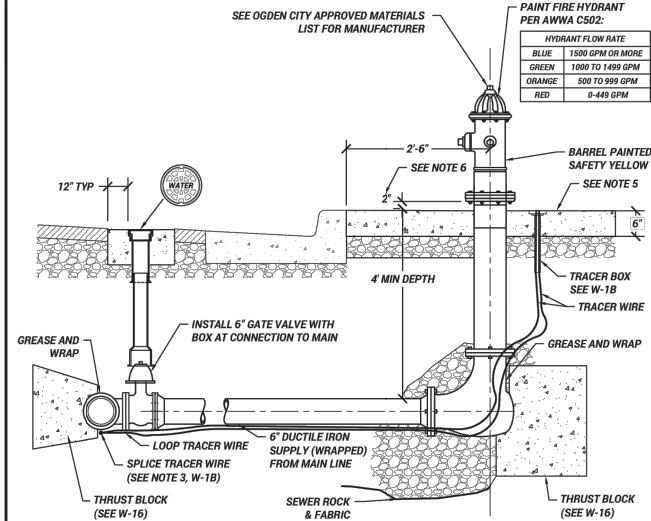
OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
SEWER LATERAL CLEANOUT		
	<b>SS-8</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 1 OF 2	2025



#### NOTES:

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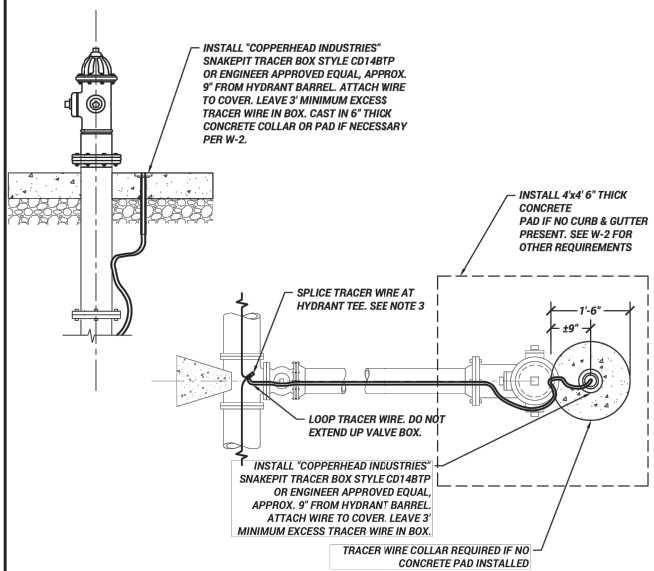
OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
SEWER LATERAL CLEANOUT		
	<b>SS-8</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 2 OF 2	2025



#### FIRE HYDRANT NOTES:

1. PROVIDE AND PLACE BACKFILL PER APWA SECTION 33 05 20. COMPACT PER APWA SECTION 31 23 26 TO A MODIFIED PROCTOR DENSITY OF 95 PERCENT OR GREATER. MAXIMUM LIFT THICKNESS IS 8" WHEN USING RIDING COMPACTION AND 6" WHEN USING HAND HELD COMPACTION EQUIPMENT.
2. HYDRANT: DRY BARREL PER AWWA C502. ADDITIONAL WATER SYSTEM REQUIREMENTS SPECIFIED IN APWA SECTION 33 11 00.
  - 2.1. PROVIDE AT LEAST ONE (1) CUBIC YARD OF SEWER ROCK AROUND DRAIN HOLE OF FIRE HYDRANT. WRAP GEOTEXTILE AROUND SEWER ROCK AND TAPE GEOTEXTILE TO HYDRANT SPOOL TO PREVENT SILTING.
  - 2.2. APPLY NON-OXIDE GREASE TO ALL BURIED METAL SURFACES. WRAP WITH 8 MIL THICK POLYETHYLENE SHEET AND TAPE WRAP.
  - 2.3. NOTIFY FIRE DEPARTMENT AS SOON AS HYDRANT IS PLACED IN SERVICE.
  - 2.4. BLACK-WRAP ANY HYDRANT NOT IN SERVICE.
3. THRUST BLOCKS:
  - 3.1. PRIOR TO POURING CONCRETE, WRAP PIPE SYSTEM WITH 8 MIL THICK PLASTIC SHEET TO PREVENT BONDING OF CONCRETE TO PIPE SYSTEM.
  - 3.2. NOT REQUIRED AT THE MAIN FOR FLANGED OR RESTRAINED PIPE SYSTEMS.
4. VALVE BOXES ARE TO BE SLIP-TYPE, ADJUSTED TO GRADE, AND PAVED WITH A CONCRETE COLLAR.
5. CONCRETE PAD AROUND HYDRANT SHALL ONLY BE REQUIRED AS STIPULATED IN W-2
6. HYDRANT BASE HEIGHT MUST BE APPROVED BY AN OGDEN CITY ENGINEERING INSPECTOR.

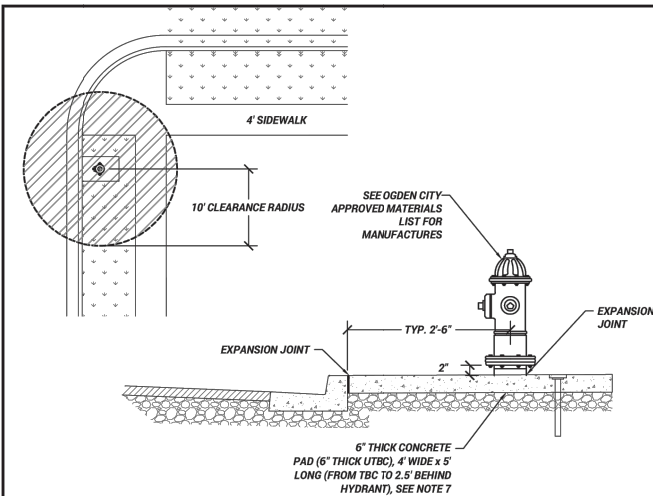
OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
FIRE HYDRANT ASSEMBLY		
	<b>W-1A</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 1 OF 2	2025



#### TRACER WIRE NOTES:

1. TRACER BOX TO BE LOCATED ON BACK SIDE OF HYDRANT UNLESS DIRECTED OTHERWISE BY ENGINEER.
2. ALL TRACER WIRE TO BE 12 GA INSULATED, BLUE TRACER WIRE PLACED BENEATH PIPE.
3. TRACER WIRE SHALL BE COPPER WIRE WITH BLUE INSULATION RATED FOR DIRECT BURIAL. ALL WIRE CONNECTORS SHALL BE 3M DBR DIRECT BURY SPLICE OR ENGINEER APPROVED EQUAL AND SHALL BE WATERTIGHT TO PROVIDE ELECTRICAL CONTINUITY.
4. ALL TRACER WIRE SHALL BE TESTED FOR CONTINUITY IN THE PRESENCE OF A REPRESENTATIVE FROM OGDEN CITY WATER PRIOR TO ASPHALT PLACEMENT. ANY TRACER WIRE FOUND NOT TO BE CONTINUOUS AFTER TESTING SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO ASPHALT PLACEMENT.
5. ALL TRACER WIRE WILL BE RE-TESTED AT THE 1-YEAR WARRANTY INSPECTION. ANY TRACER WIRE FOUND NOT TO BE CONTINUOUS AFTER TESTING SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

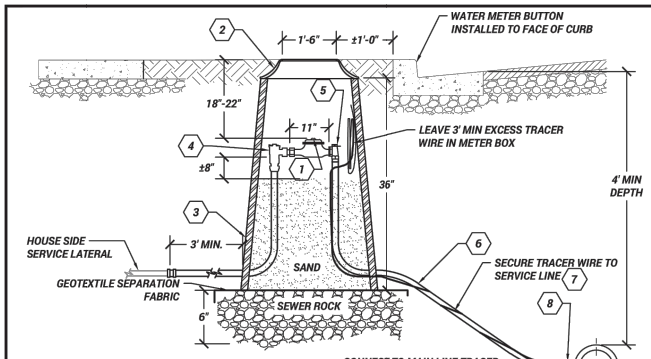
OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
FIRE HYDRANT ASSEMBLY		
	<b>W-1B</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 2 OF 2	2025



#### NOTES:

1. PAINT TOP AND FACE OF CURB, 15' ON BOTH SIDES, WITH RED PAINT TO INDICATE NO PARKING.
2. NO TREES, PLANTS, FLOWERS, SHRUBS, OR ANY OTHER ITEM WHICH MAY OBSTRUCT THE VIEW OR ACCESS TO A FIRE HYDRANT, SHALL BE INSTALLED/PLANTED WITHIN 10' OF ANY FIRE HYDRANT.
3. HYDRANT SHALL BE 2'-6" BEHIND THE BACK OF CURB OR AS SPECIFIED BY THE CITY ENGINEER.
4. ARTERIAL ROADS SHALL HAVE FIRE HYDRANTS ON BOTH SIDES OF THE ROADWAY.
5. INSTALL A 4'x4' 6" THICK CONCRETE PAD AROUND THE BASE IF NO CURB AND GUTTER IS PRESENT.
  - 5.1. BOLLARD INSTALLATION MAY BE REQUIRED BASED ON THE HYDRANT LOCATION.
6. FIRE HYDRANT SPACING:
  - 6.1. SHALL NOT EXCEED A 500' RADIUS IN AREAS WITH SINGLE FAMILY DWELLINGS.
  - 6.2. SHALL NOT EXCEED A 300' RADIUS IN ALL OTHER AREAS.
  - 6.3. OR AS DETERMINED BY THE FIRE MARSHAL.
7. CONCRETE PAD ON HYDRANTS SHALL BE REQUIRED ON ALL ARTERIAL CLASSIFIED ROADWAYS AND IN THE DOWNTOWN AREA (20TH STREET TO 30TH STREET, WALL AVE THRU ADAMS AVE)

OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
FIRE HYDRANT LOCATION		
	<b>W-2</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 1 OF 1	2025



#### NOTES:

1. CONTRACTOR TO PROVIDE AND INSTALL ALL MATERIALS AS SHOWN ON THE DETAIL, UNLESS DIRECTED OTHERWISE BY OGDEN CITY WATER.
2. METERS TO BE INSTALLED IN THE PARK STRIP, 1' BEHIND THE BACK OF CURB, OR 1' BEHIND THE SIDEWALK WHERE THE SIDEWALK IS ADJACENT TO THE CURB. DO NOT PLACE METER BOXES IN OR UNDER DRIVEWAY APPROACHES, SIDEWALKS, OR CURB AND GUTTER. IN THE CASE OF NO CURB AND GUTTER, PLACE METER WITHIN 7' OF THE PROPERTY LINE (STREET SIDE).
3. FILL METER BOX WITH SAND IN 8" THICK LIFTS UP TO APPROXIMATELY 8" FROM BOTTOM OF METER. TAMP SAND TO STABILIZE METER. SEPARATE SAND FROM SEWER ROCK WITH A GEOTEXTILE SEPARATION FABRIC.
4. PROVIDE AND PLACE IMPORT BACKFILL PER APWA SECTION 33 05 20 SURROUNDING THE METER ASSEMBLY. COMPACT PER APWA SECTION 31 23 26 TO A DENSITY OF 95 PERCENT OR GREATER, MODIFIED PROCTOR DENSITY. MAXIMUM LIFT THICKNESS IS 8" WHEN USING RIDING COMPACTION AND 6" WHEN USING HAND HELD COMPACTION EQUIPMENT.
5. ALL TRACER WIRE SHALL BE TESTED FOR CONTINUITY IN THE PRESENCE OF A REPRESENTATIVE FROM OGDEN CITY WATER PRIOR TO ASPHALT PLACEMENT. ANY TRACER WIRE FOUND NOT TO BE CONTINUOUS AFTER TESTING SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO ASPHALT PLACEMENT.
6. ALL TRACER WIRE WILL BE RE-TESTED AT THE 1-YEAR WARRANTY INSPECTION. ANY TRACER WIRE FOUND NOT TO BE CONTINUOUS AFTER TESTING SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
7. DO NOT CONNECT THE HOUSE SIDE LATERAL DIRECTLY BENEATH THE SIDEWALK.

ITEM	QTY	DESCRIPTION
1	1	1" OR SMALLER WATER METER (CITY PROVIDED WITH METER/TAPPING FEE)
2	1	18" FRAME AND COVER WITH RECESSED HOLE FOR ANTENNA READ WITH LARGE BOLT "LB" OPTION
3	1	RAVEN METER BOX OR APPROVED EQUAL
4	1	1" ASSE 1024 DUAL CHECK VALVE (BACKFLOW PREVENTER, TOP ENTRY ONLY)
5	1	1" BALL ANGLE VALVE - FORD BA43-44W-Q-NL, MUELLER - B-24258H
6	VARIES	1" AWWA C901 CTS POLY TUBING
7	VARIES	TRACER WIRE
8	1	CORP STOP WITH TEE-HEAD CAP ADAPTOR (TAP HORIZONTALLY)

OGDEN CITY ENGINEERING - STANDARD DRAWINGS		
TYPICAL SERVICE INSTALLATION FOR WATER METERS 1" OR SMALLER		
	<b>W-3</b>	
TAYLOR NIELSEN, CITY ENGINEER	SHEET 1 OF 1	2025

STD 2

9  
8

REV	DATE	DESCRIPTION
0	4/10/2025	DESCRIPTION



DESIGNED	DATE	AA
AA	4/10/2025	AA
DRAWN	CHECKED	

DRAWING SCALE

H: 1" = 22'x34'

V: 1" = 11'x17'

OGDEN STANDARD DRAWINGS

LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS

Lincoln Ave: 25th Street to 26th Street

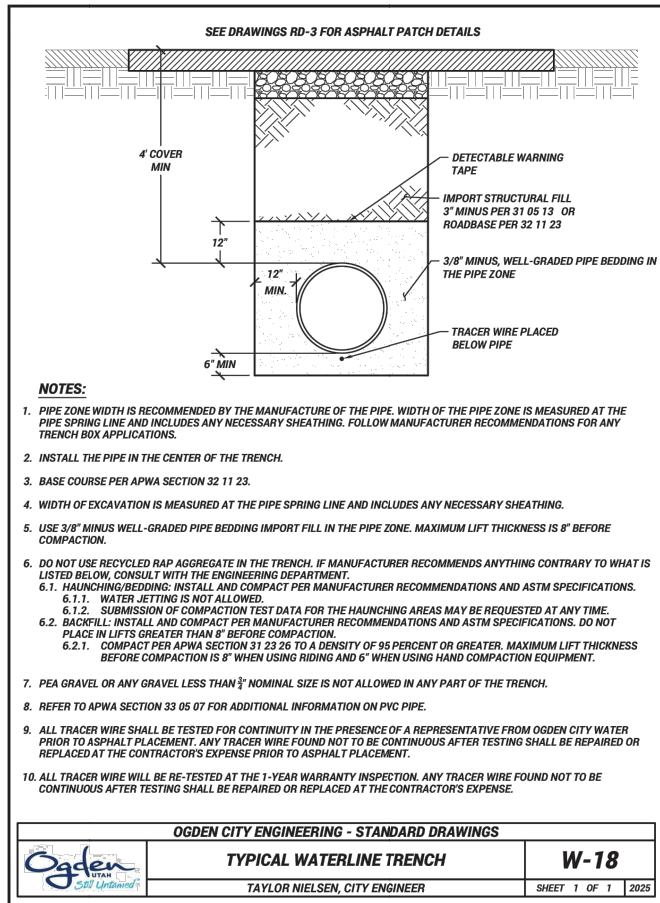
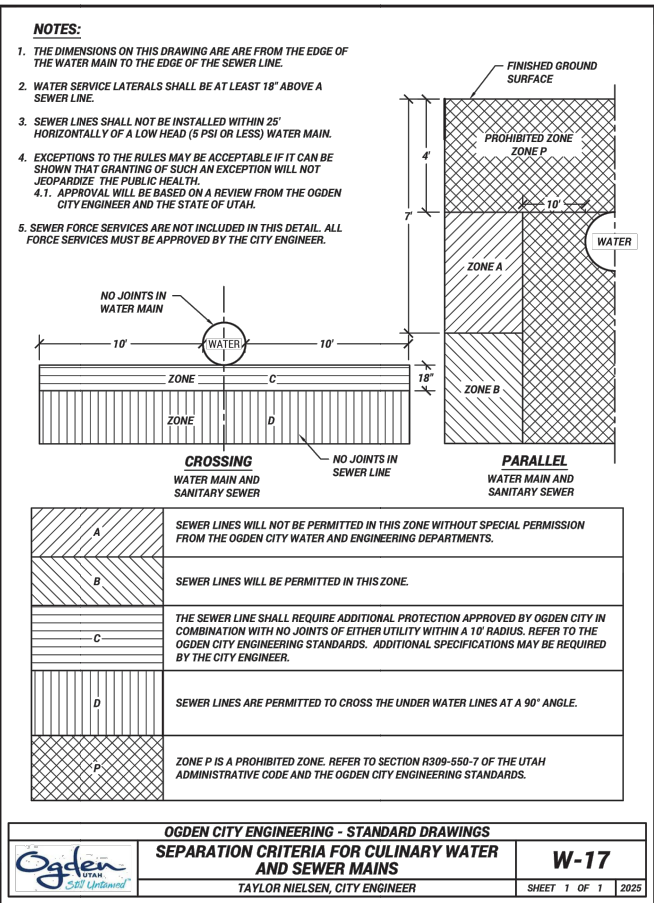
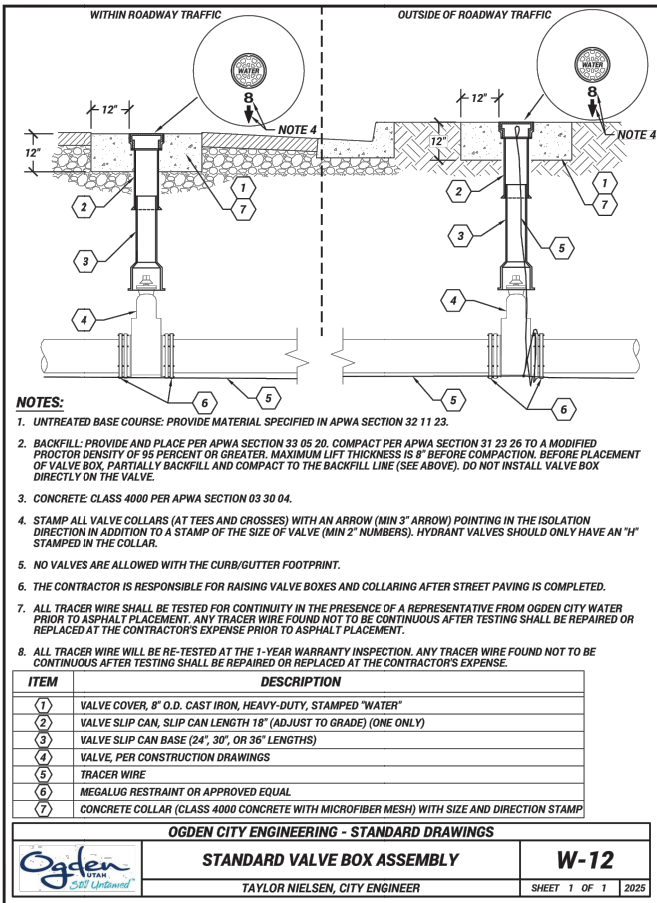
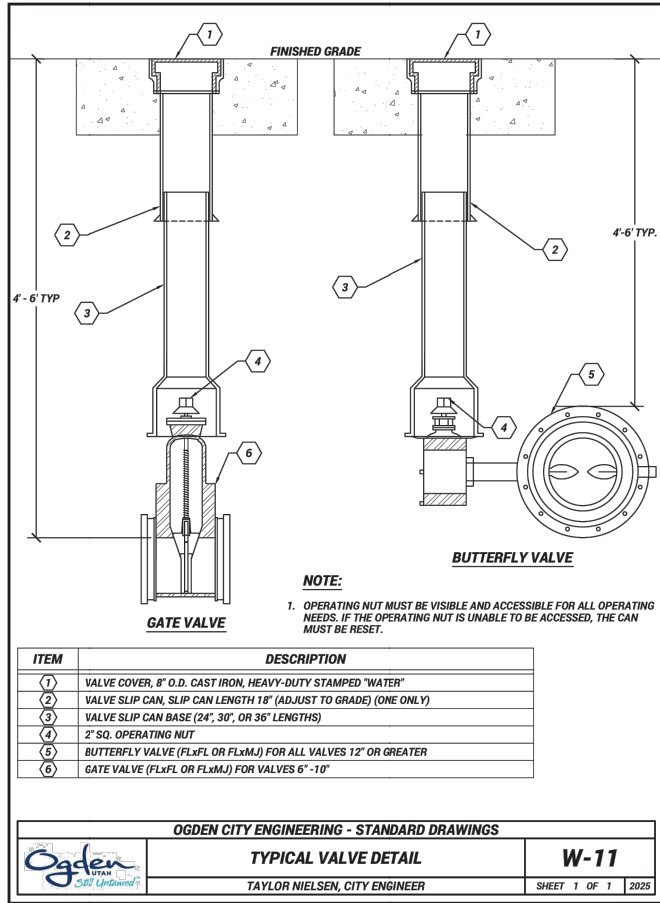
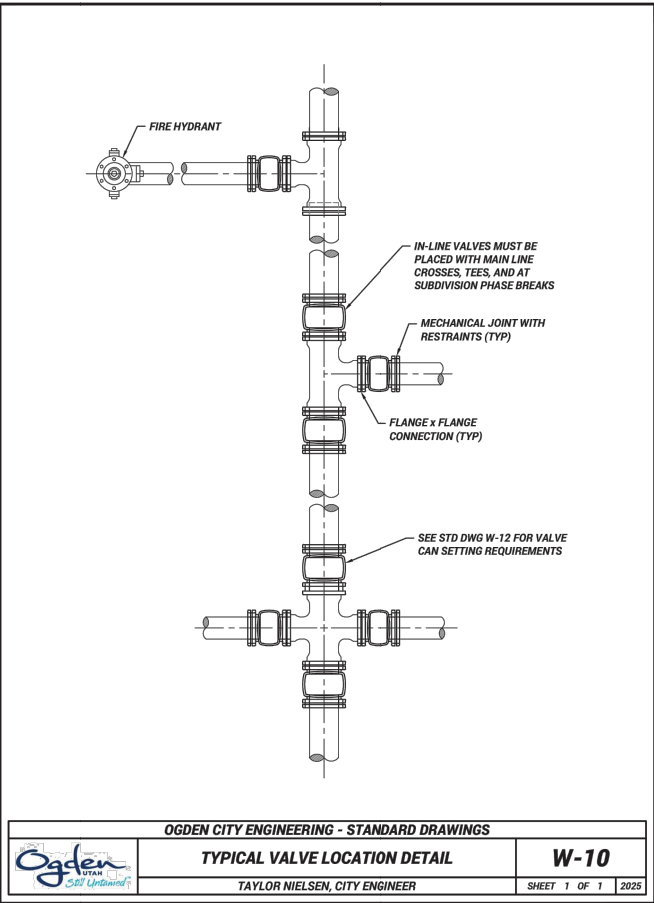
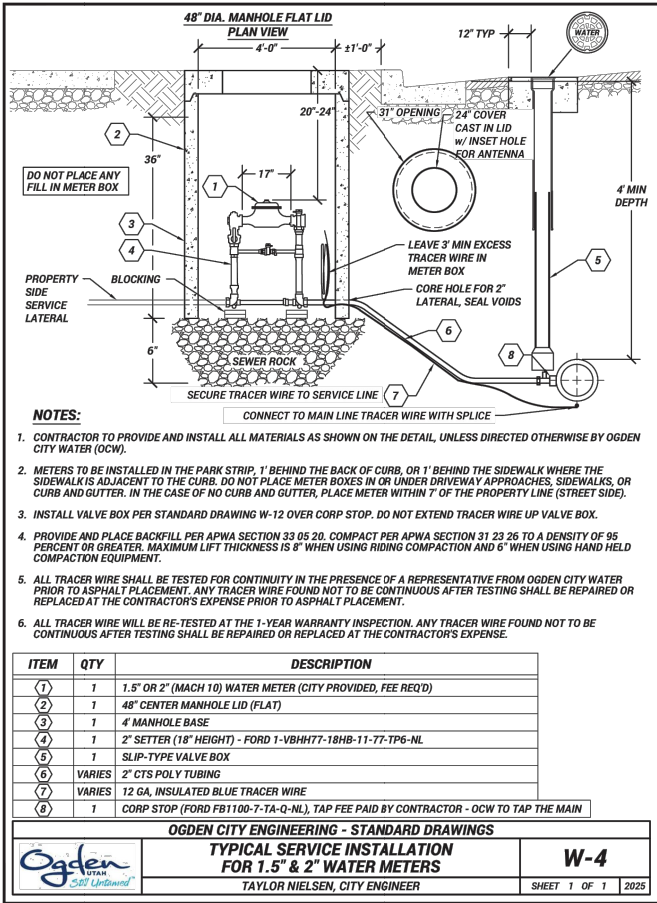
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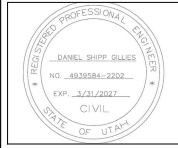


STD 3

SHEET 9

PAGES

REV. DATE DESCRIPTION



DESIGNED AA  
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DATE  
4/10/2025

OGDEN STANDARD DRAWINGS

LINCOLN AVE SEWER AND WATERLINE IMPROVEMENTS  
Lincoln Ave. 25th Street to 26th Street

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