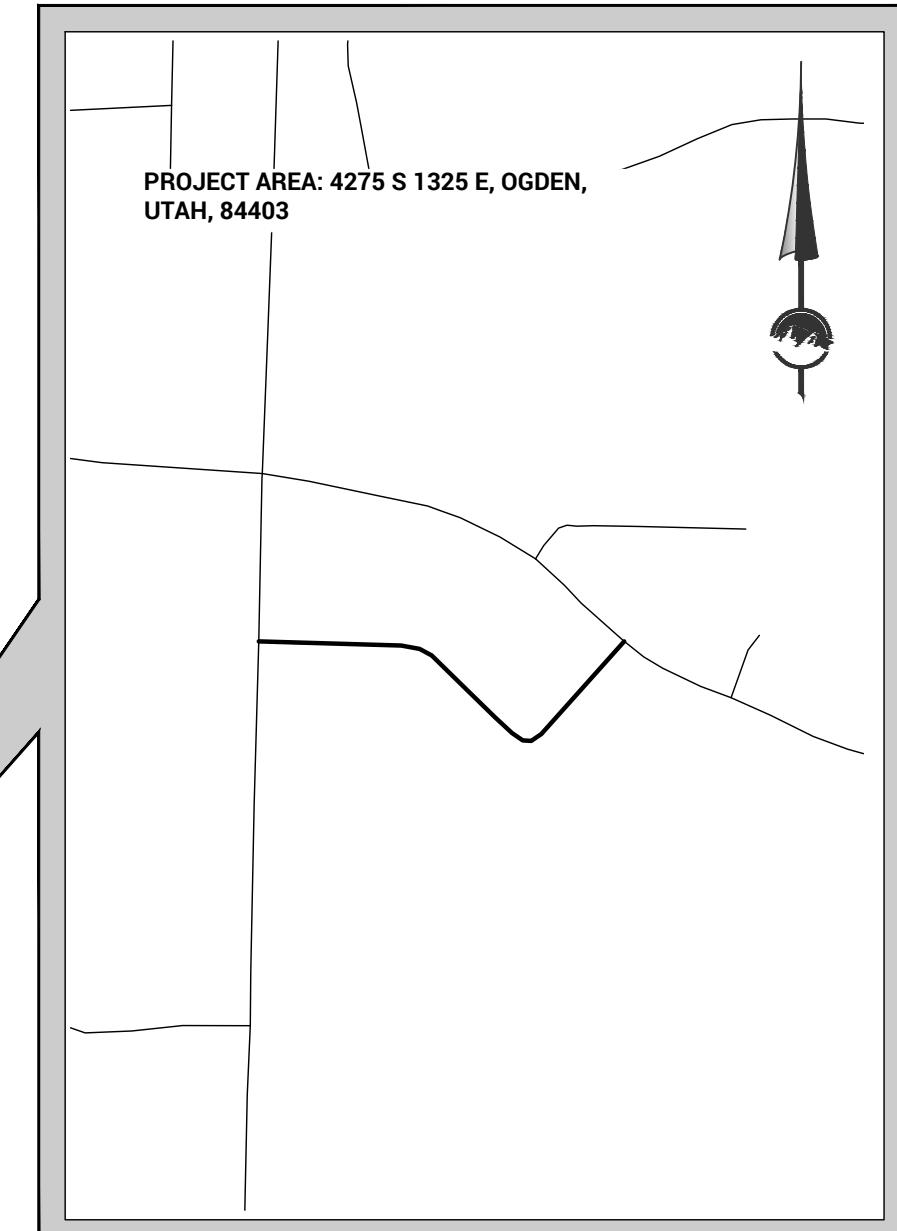


OGDEN CITY ENGINEERING

4275 S WATER MAIN

REPLACEMENT



SHEET INDEX

1	C01	COVER SHEET	DATE
2	SC1	SURVEY CONTROL & SHEET REFERENCE	
3	W1	PLAN & PROFILE STA: 0+00-3+00	
4	W2	PLAN & PROFILE STA: 3+00-7+00	
5	W3	PLAN & PROFILE STA: 7+00-10+36	
6	D1	DETAILS	
7	D2	DETAILS	
8	D3	DETAILS	

COVER SHEET

4275 S WATERLINE REPLACEMENT

4275 S 1325 E

PLOT DATE: 12/18/2025 4:56 PM

DRAWING NAME: 4275 S Title sheet.dwg

REVISION DATE: 12/18/2025

C01

0

1

REVISION



C01

0

1

REVISION



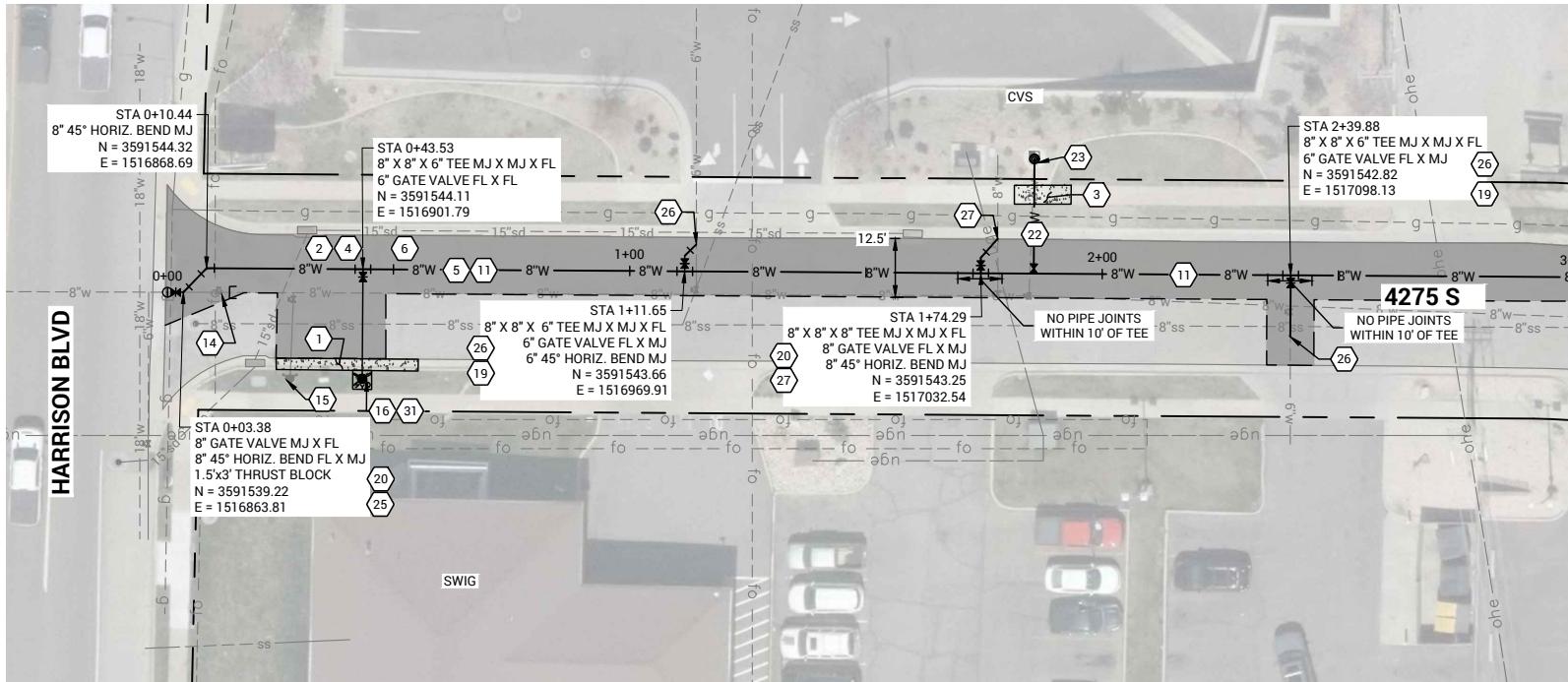
NOTES:

1. THE HORIZONTAL DATUM TO BE USED IS THE NAD 83 STATE PLANE UTAH NORTH ZONE GRID
2. THE VERTICAL DATUM TO BE USED IS NAVD 88 USING GEODETIC 12A
3. WATER MAIN ALIGNMENTS SHALL BE PARALLEL TO THE OGDEN CITY RIGHT OF WAY LINES
4. COORDINATE SETTING ALL MONUMENTS FOR THE PROJECT WITH THE CITY SURVEYOR STEVE PORTER 801-629-8979

HORIZ 0 40 80
VERT 0 5 10

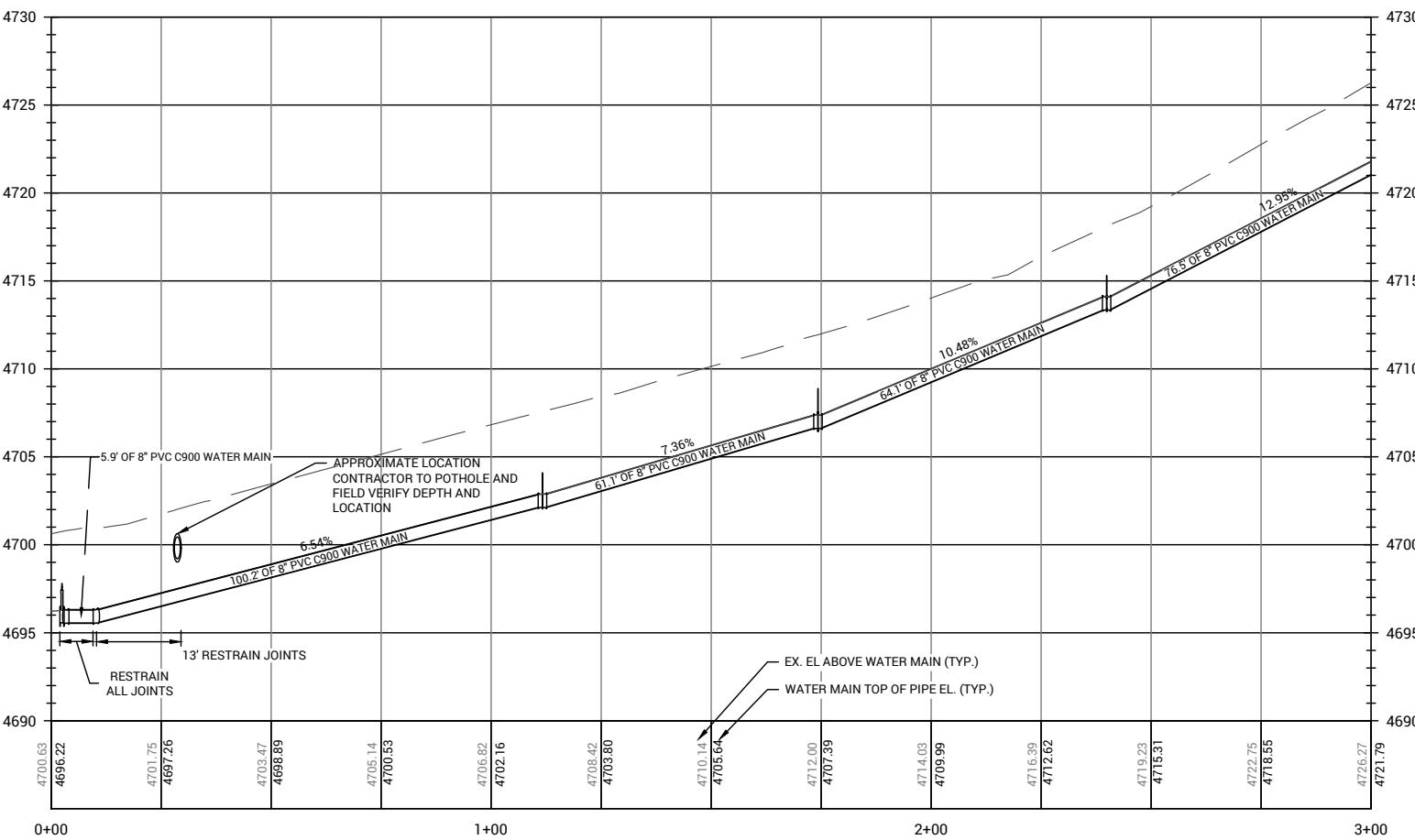


SC1	0	REVISION						
SHEET 2	2							
<table border="1"> <tr> <td>REV 0</td> <td>DATE 12/18/2025</td> <td>DESCRIPTION</td> </tr> <tr> <td>MM/DD/YY</td> <td></td> <td></td> </tr> </table>			REV 0	DATE 12/18/2025	DESCRIPTION	MM/DD/YY		
REV 0	DATE 12/18/2025	DESCRIPTION						
MM/DD/YY								
DESIGNED DRAWN CHECKED	BKW BKW BIM	DRAWING SCALE H: 1" = 40' (22x34) V: 1" = 5' (22x34) 1" = 10' (11x17)						
<p>SURVEY CONTROL & SHEET REFERENCES</p> <p>4275 S WATER MAIN REPLACEMENT</p> <p>4275 S 1325 E</p> <p>DRAWING NAME: 4275 S WSheets BKW.dwg</p> <p>DRAWING DATE: 12/18/2025 4:56 PM</p> <p>PLAT DATE: 12/18/2025 4:56 PM</p> <p>PROFESSIONAL ENGINEER No. 9000042-2025 BRADLEY, L. State of Utah 12/18/2025</p> <p>This drawing contains one or more sheets of the original drawing.</p>								
<p>Ogden UTAH Still Untamed™</p> <p>2549 Washington Blvd, Suite 760 Ogden, UT 84401 Phone: 801-629-8980</p>								



MATCH SHEET W2

4275 S WATER MAIN PROFILE



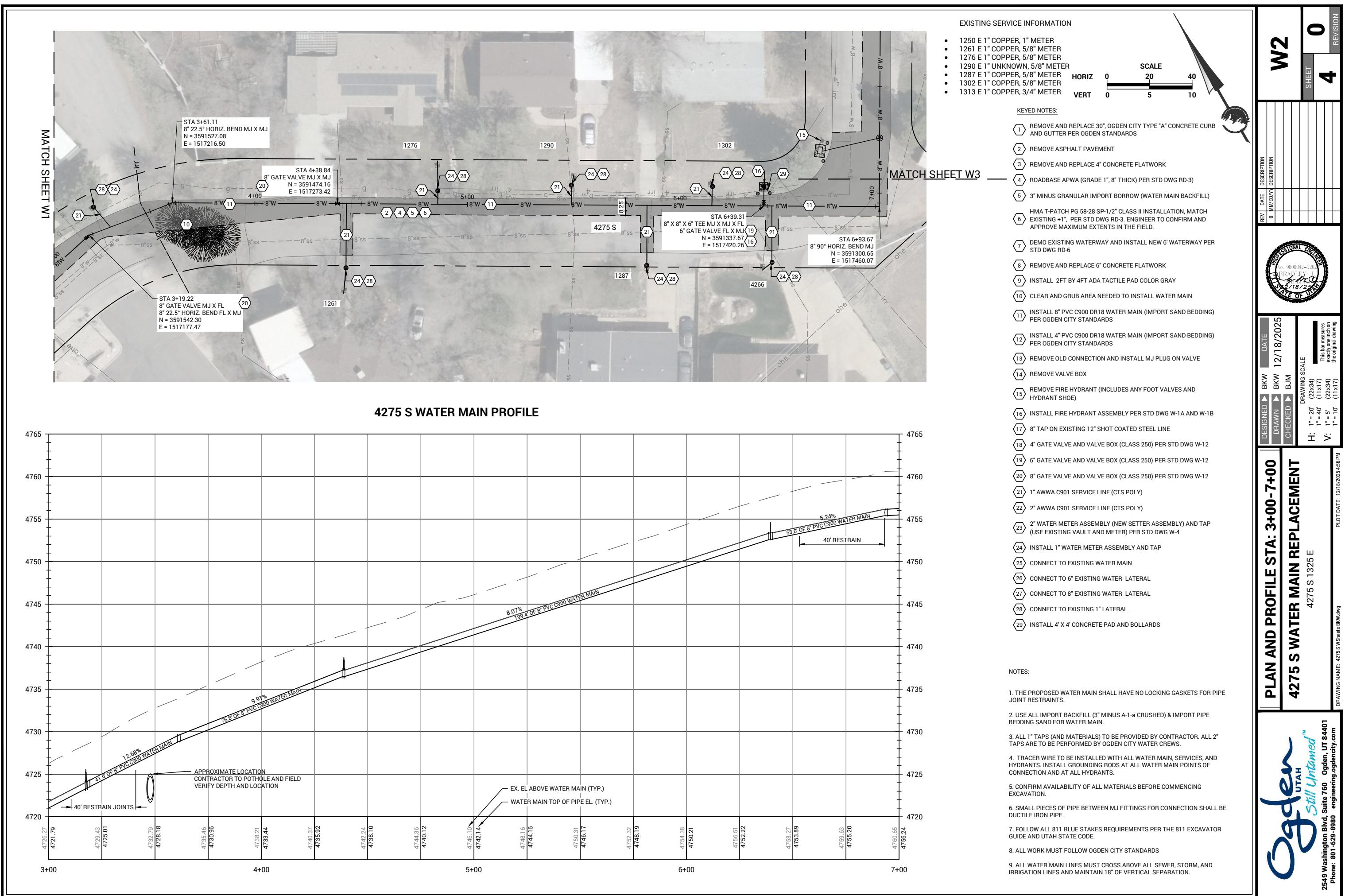
KEYED NOTES:	
1	REMOVE AND REPLACE 30", OGDEN CITY TYPE "A" CONCRETE CURB AND GUTTER PER OGDEN STANDARDS
2	REMOVE ASPHALT PAVEMENT
3	REMOVE AND REPLACE 4" CONCRETE FLATWORK
4	ROADBASE APWA (GRADE 1", 8" THICK) PER STD DWG RD-3
5	3" MINUS GRANULAR IMPORT BORROW (WATER MAIN BACKFILL)
6	HMA T-PATCH PG 58-28 SP-1/2" CLASS II INSTALLATION, MATCH EXISTING 1", PER STD DWG RD-3. ENGINEER TO CONFIRM AND APPROVE MAXIMUM EXTENTS IN THE FIELD.
7	DEMO EXISTING WATERWAY AND INSTALL NEW 6" WATERWAY PER STD DWG RD-6
8	REMOVE AND REPLACE 6" CONCRETE FLATWORK
9	INSTALL 2FT BY 4FT ADA TACTILE PAD COLOR GRAY
10	CLEAR AND GRUB AREA NEEDED TO INSTALL WATER MAIN
11	INSTALL 8" PVC C900 DR18 WATER MAIN (IMPORT SAND BEDDING) PER OGDEN CITY STANDARDS
12	INSTALL 4" PVC C900 DR18 WATER MAIN (IMPORT SAND BEDDING) PER OGDEN CITY STANDARDS
13	REMOVE OLD CONNECTION AND INSTALL MJ PLUG ON VALVE
14	REMOVE VALVE BOX
15	REMOVE FIRE HYDRANT (INCLUDES ANY FOOT VALVES AND HYDRANT SHOE)
16	INSTALL FIRE HYDRANT ASSEMBLY PER STD DWG W-1A AND W-1B
17	8" TAP ON EXISTING 12" SHOT COATED STEEL LINE
18	4" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12
19	6" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12
20	8" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12
21	1" AWWA C901 SERVICE LINE (CTS POLY)
22	2" AWWA C901 SERVICE LINE (CTS POLY)
23	2" WATER METER ASSEMBLY (NEW SETTER ASSEMBLY) AND TAP (USE EXISTING VAULT AND METER) PER STD DWG W-4
24	INSTALL 1" WATER METER ASSEMBLY AND TAP
25	CONNECT TO EXISTING WATER MAIN
26	CONNECT TO 6" EXISTING WATER LATERAL
27	CONNECT TO 8" EXISTING WATER LATERAL
31	INSTALL 4' X 4' CONCRETE PAD

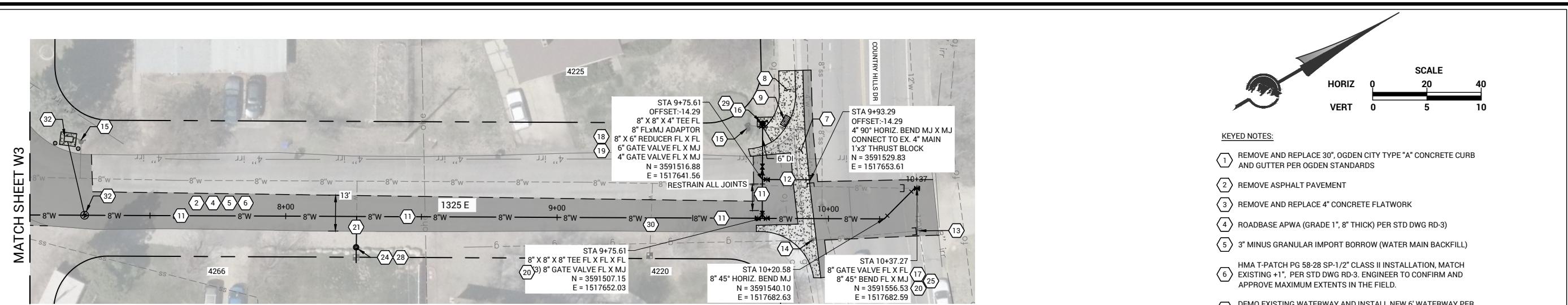
NOTES:

1. THE PROPOSED WATER MAIN SHALL HAVE NO LOCKING GASKETS FOR PIPE JOINT RESTRAINTS.
2. USE ALL IMPORT BACKFILL (3" MINUS A-1-a CRUSHED) & IMPORT PIPE BEDDING SAND FOR WATER MAIN.
3. ALL 1" TAPS (AND MATERIALS) TO BE PROVIDED BY CONTRACTOR. ALL 2" TAPS ARE TO BE PERFORMED BY OGDEN CITY WATER CREWS.
4. TRACER WIRE TO BE INSTALLED WITH ALL WATER MAIN, SERVICES, AND HYDRANTS. INSTALL GROUNDING RODS AT ALL WATER MAIN POINTS OF CONNECTION AND AT ALL HYDRANTS.
5. CONFIRM AVAILABILITY OF ALL MATERIALS BEFORE COMMENCING EXCAVATION.
6. SMALL PIECES OF PIPE BETWEEN MJ FITTINGS FOR CONNECTION SHALL BE DUCTILE IRON PIPE.
7. FOLLOW ALL 811 BLUE STAKES REQUIREMENTS PER THE 811 EXCAVATOR GUIDE AND UTAH STATE CODE.
8. ALL WORK MUST FOLLOW OGDEN CITY STANDARDS
9. 8" MAINLINE SHALL HAVE NO PIPE JOINTS WITHIN 8' OF A 8" X 8" X 6" TEE

EXISTING SERVICE INFORMATION

- 4240 HARRISON 6" DUCTILE
- 4228 HARRISON 8" DUCTILE
- 4240 HARRISON 2" METER, 2" POLY
- 4300 HARRISON 6" DUCTILE LATERAL



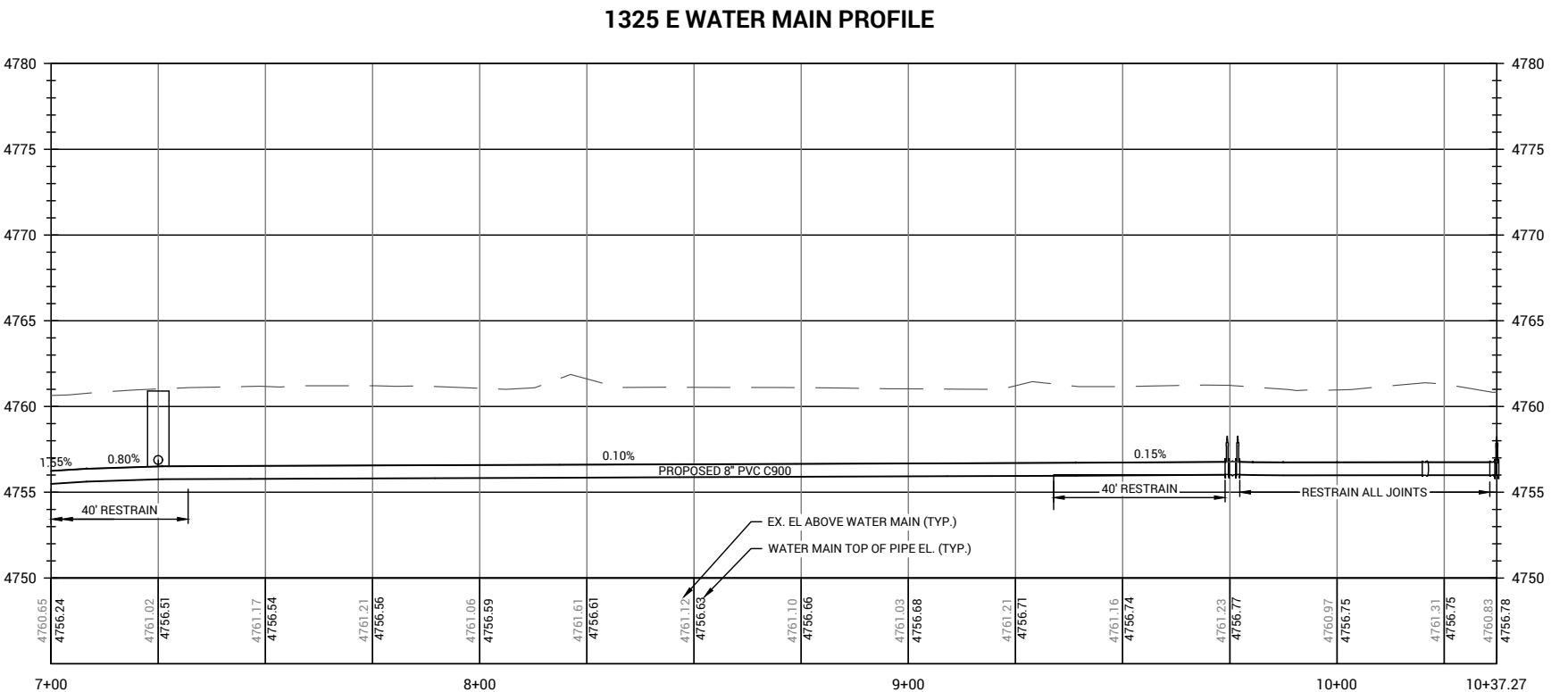


W3	0	REVISION	
SHEET	5		
SCALE			
HORIZ	0	20	40
VERT	0	5	10
KEYED NOTES:			
1	REMOVE AND REPLACE 30", OGDEN CITY TYPE "A" CONCRETE CURB AND GUTTER PER OGDEN STANDARDS		
2	REMOVE ASPHALT PAVEMENT		
3	REMOVE AND REPLACE 4" CONCRETE FLATWORK		
4	ROADBASE APWA (GRADE 1", 8" THICK) PER STD DWG RD-3)		
5	3" MINUS GRANULAR IMPORT BORROW (WATER MAIN BACKFILL)		
6	HMA T-PATCH PG 58-28 SP-1/2" CLASS II INSTALLATION, MATCH EXISTING +1", PER STD DWG RD-3. ENGINEER TO CONFIRM AND APPROVE MAXIMUM EXTENTS IN THE FIELD.		
7	DEMO EXISTING WATERWAY AND INSTALL NEW 6" WATERWAY PER STD DWG RD-6		
8	REMOVE AND REPLACE 6" CONCRETE FLATWORK		
9	INSTALL 2FT BY 4FT ADA TACTILE PAD COLOR GRAY		
10	CLEAR AND GRUB AREA NEEDED TO INSTALL WATER MAIN		
11	INSTALL 8" PVC C900 DR18 WATER MAIN (IMPORT SAND BEDDING) PER OGDEN CITY STANDARDS		
12	INSTALL 4" PVC C900 DR18 WATER MAIN (IMPORT SAND BEDDING) PER OGDEN CITY STANDARDS		
13	REMOVE OLD VALVE AND INSTALL BLIND FLANGE		
14	REMOVE VALVE BOX		
15	REMOVE FIRE HYDRANT (INCLUDES ANY FOOT VALVES AND HYDRANT SHOE)		
16	INSTALL FIRE HYDRANT ASSEMBLY PER STD DWG W-1A AND W-1B		
17	CONNECT 8" VALVE TO EX. FLANGE, REMOVE EX. VALVE		
18	4" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12		
19	6" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12		
20	8" GATE VALVE AND VALVE BOX (CLASS 250) PER STD DWG W-12		
21	1" AWWA C901 SERVICE LINE (CTS POLY)		
22	2" AWWA C901 SERVICE LINE (CTS POLY)		
23	2" WATER METER ASSEMBLY (NEW SETTER ASSEMBLY) AND TAP (USE EXISTING VAULT AND METER) PER STD DWG W-4		
24	INSTALL 1" WATER METER ASSEMBLY AND TAP		
25	CONNECT TO EXISTING WATER MAIN		
26	CONNECT TO 6" EXISTING WATER LATERAL		
27	CONNECT TO 8" EXISTING WATER LATERAL		
28	CONNECT TO EXISTING 1" LATERAL		
29	INSTALL 4' X 4' CONCRETE PAD		
30	DISCONNECT EXISTING LATERAL FROM MAIN AND RECONNECT TO NEW MAIN LINE		
32	INSTALL 1" AIR COMBINATION VALVE PER STD DWG W-1A & W-1B		



DESIGNED	BKW	DATE
DRAWN	BKW	12/18/2025
CHECKED	BIM	
DRAWING SCALE		
H:	1" = 20'	(22x34)
V:	1" = 40'	(11x17)
This drawing contains one revision from the original drawing.		

PLAN AND PROFILE STA: 7+00-10+37	
4275 S 1325 E	
PLOT DATE: 12/18/2025 5:08 PM	
DRAWING NAME: 4275 S Sheets BKW.dwg	
DRAWING NUMBER: 4275 S	

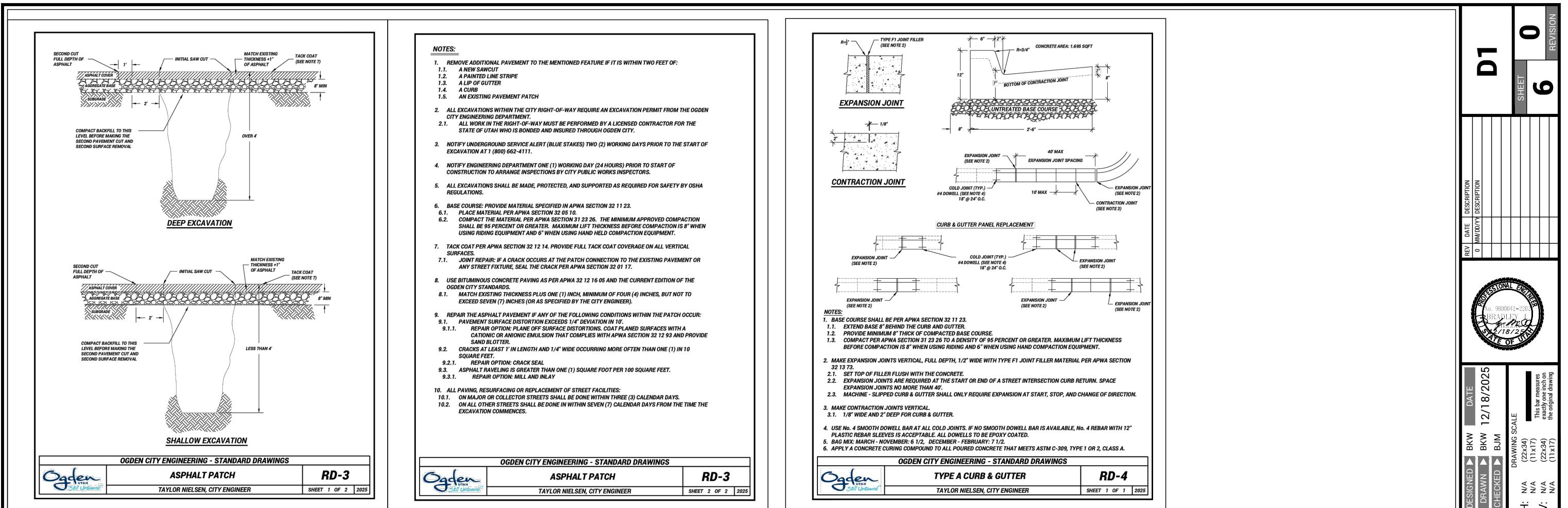


NOTES:

1. THE PROPOSED WATER MAIN SHALL HAVE NO LOCKING GASKETS FOR PIPE JOINT RESTRAINTS.
2. USE ALL IMPORT BACKFILL (3" MINUS A-1-a CRUSHED) FOR BACKFILL ABOVE THE WATER MAIN BEDDING SAND.
3. ALL 1" TAPS (AND MATERIALS) TO BE PROVIDED BY CONTRACTOR. ALL 2" TAPS ARE TO BE PERFORMED BY OGDEN CITY WATER CREWS.
4. TRACER WIRE TO BE INSTALLED WITH ALL WATER MAIN, SERVICES, AND HYDRANTS. INSTALL GROUNDING RODS AT ALL WATER MAIN POINTS OF CONNECTION AND AT ALL HYDRANTS.
5. CONFIRM AVAILABILITY OF ALL MATERIALS BEFORE COMMENCING EXCAVATION.
6. SMALL PIECES OF PIPE BETWEEN MJ FITTINGS FOR CONNECTION SHALL BE DUCTILE IRON PIPE.
7. FOLLOW ALL 811 BLUE STAKES REQUIREMENTS PER THE 811 EXCAVATOR GUIDE AND UTAH STATE CODE.
8. ALL WORK MUST FOLLOW OGDEN CITY STANDARDS
9. ALL WATER MAIN LINES MUST CROSS ABOVE ALL SEWER, STORM, AND IRRIGATION LINES AND MAINTAIN 18" OF VERTICAL SEPARATION.

EXISTING SERVICE INFORMATION

- 4266 S 1" COPPER, 5/8" METER
- 4220 S 1" POLY, 5/8" METER



D2		0
7		REVISION
DESIGNED	BKW	DATE
DRAWN	BKW	12/18/2025
CHECKED	BIM	
DRAWING SCALE		
H: N/A	BKW (22x34)	This measures 22 inches wide by 34 inches high from the original drawing
V: N/A	BKW (22x34)	
H: N/A	BIM (11x17)	
V: N/A	BIM (11x17)	

4275 S WATERLINE REPLACEMENT

4275 S 1325 E

DRAWING NAME: 4275 S WSheets BKW.dwg

PLOT DATE: 12/18/2025 4:56 PM

Ogden UTAH Still Untamed™

2549 Washington Blvd, Suite 760 Ogden, UT 84401

Phone: 801-629-8980 engineering.ogdenut.com

