

JIMMY CAMP LIFT STATION FORCE MAIN EXTENSION DESIGN WIDEFIELD WATER AND SANITATION DISTRICT WIDEFIELD, CO



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REV.	DATE	DESCRIPTION	BY



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

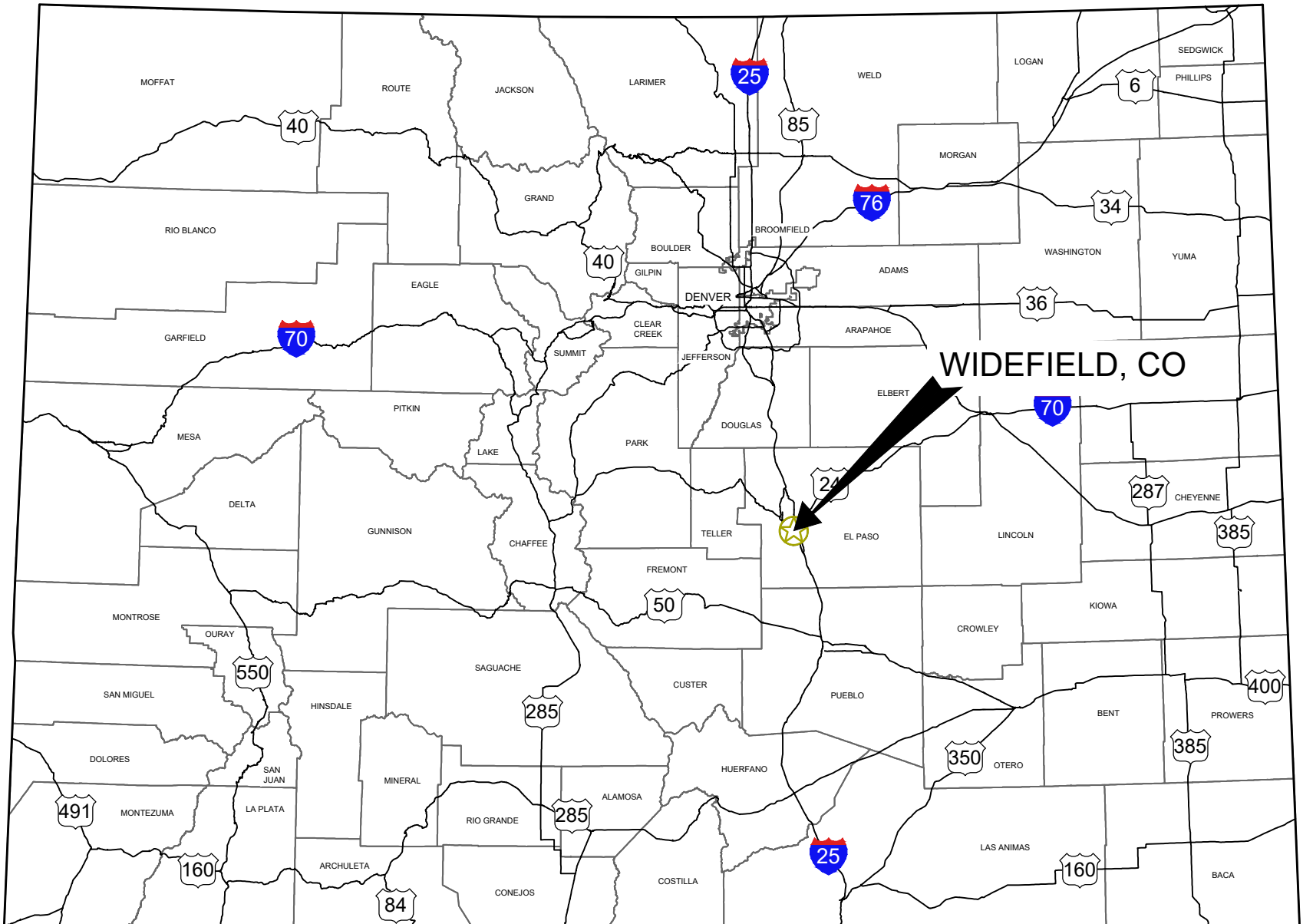
COVER SHEET

JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

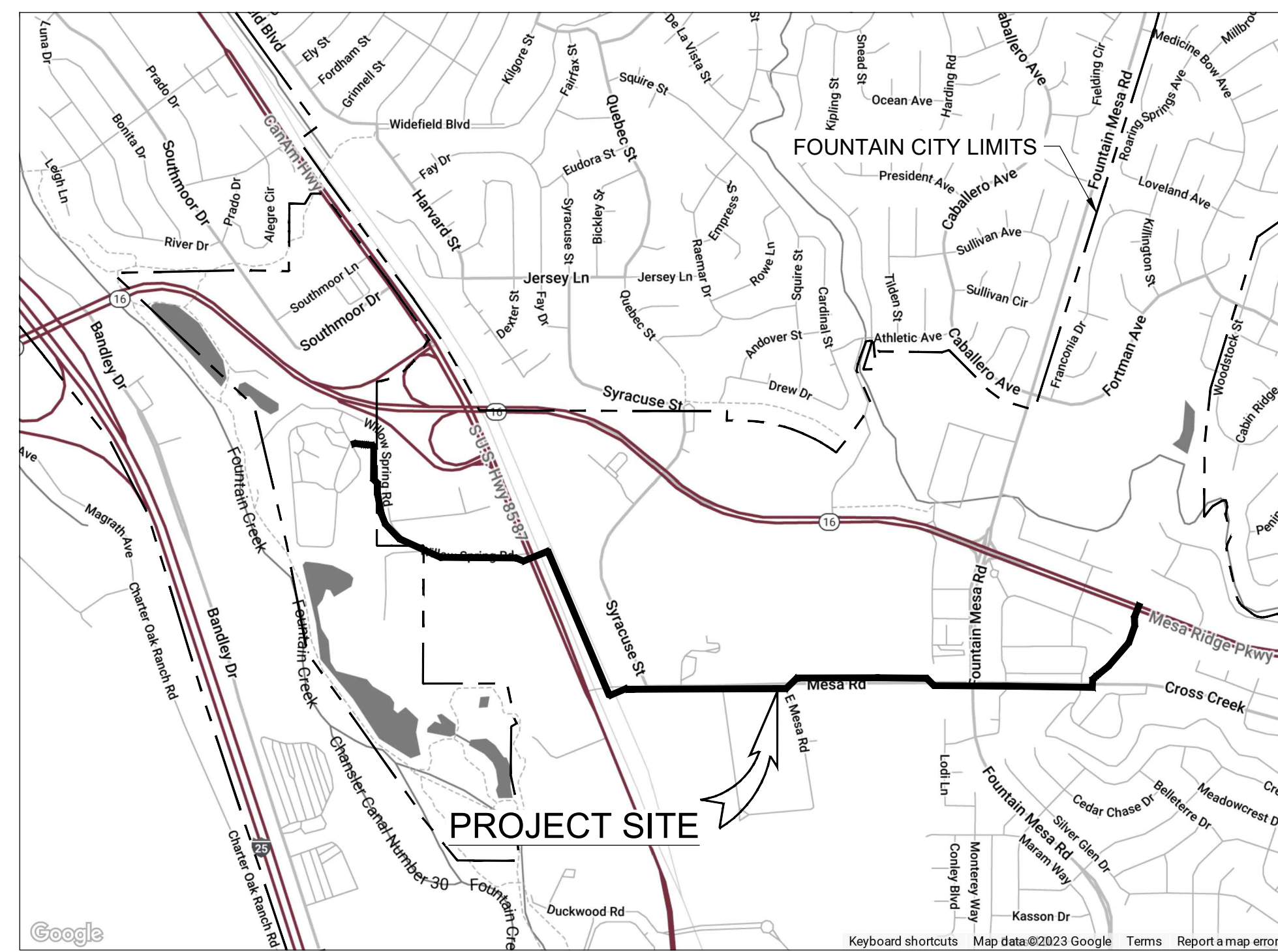
DRAWING NUMBER
01-G001

SHEET NUMBER
01



COLORADO

AREA
NO SCALE



VICINITY MAP
NO SCALE

ENGINEER'S STATEMENT:

SIGNATURE (AFFIX SEAL):  DATE: 04/30/2026

COLORADO PROFESSIONAL ENGINEER NO. 0059830

SITE DEVELOPMENT PLAN ACCEPTANCE:

THE SITE DEVELOPMENT PLANS (EXCLUDING THE CONSTRUCTION DOCUMENTS) SUBMITTED APPEAR TO BE IN CONFORMANCE WITH THE CITY OF FOUNTAIN SUBMITTAL REQUIREMENTS AND STANDARD ENGINEERING PRINCIPLES AND PRACTICES APPEAR TO HAVE BEEN FOLLOWED. THE PROFESSIONAL ENGINEER SUBMITTED AND SEALING THE PLANS IS SOLELY RESPONSIBLE FOR THEIR ACCURACY AND VALIDITY. THE REVIEW IS ONLY VALID FOR ONE (1) YEAR FROM THE DATE BELOW.

BENJAMIN E. SHEETS, P.E., CITY MANAGER DATE

COLORADO DEPARTMENT OF TRANSPORTATION

WIDEFIELD WATER AND SANITATION DISTRICT

GARVER PROJECT NO. 22W23080
APRIL 2026



188 INVERNESS DRIVE WEST
SUITE 500
ENGLEWOOD, CO 80112
(303) 721-6932



File: K:\2022\22W23080 - widefield vsd jimmy camp fm design\Drawings\WUC FM-01-G001.dwg Last Save: 11/21/2025 1:37 PM Last saved by: F.Chavez
Last plotted by: Perez, Osiel G. Plot Style: AECmon.ctb Plot Scale: 1:2,584.9 Plot Date: 4/14/2026 4:36 PM Plotter used: None

File: \\garverinc.local\data\Projects\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC FM-01-G002.dwg Last Save: 3/10/2026 11:12 AM Last saved by: OGPerez
Last plotted by: Martinez, Ervin S. Plot Style: AECmono.ctb Plot Date: 3/24/2026 1:06 PM Plotter used: None

SHEET INDEX		
SHEET NO.	DWG. NO.	SHEET TITLE
01 - GENERAL		
01	01-G001	COVER SHEET
02	01-G002	SHEET INDEX
03	01-G003	GENERAL NOTES 1
04	01-G004	GENERAL NOTES 2
05	01-G005	LEGEND & ABBREVIATIONS
06	01-G006	OVERALL EASEMENT LAYOUT PLAN
05 - CIVIL		
07	05-C101	OVERALL LAYOUT
08	05-C301	PLAN AND PROFILE (STA. 10+00 TO STA. 14+00)
09	05-C302	PLAN AND PROFILE (STA. 14+00 TO STA. 19+00)
10	05-C303	PLAN AND PROFILE (STA. 19+00 TO STA. 24+00)
11	05-C304	PLAN AND PROFILE (STA. 24+00 TO STA. 29+00)
12	05-C305	PLAN AND PROFILE (STA. 29+00 TO STA. 34+00)
13	05-C306	PLAN AND PROFILE (STA. 34+00 TO STA. 39+00)
14	05-C307	PLAN AND PROFILE (STA. 39+00 TO STA. 44+00)
15	05-C308	PLAN AND PROFILE (STA. 44+00 TO STA. 49+00)
16	05-C309	PLAN AND PROFILE (STA. 49+00 TO STA. 54+00)
17	05-C310	PLAN AND PROFILE (STA. 54+00 TO STA. 59+00)
18	05-C311	PLAN AND PROFILE (STA. 59+00 TO STA. 64+00)
19	05-C312	PLAN AND PROFILE (STA. 64+00 TO STA. 69+00)
20	05-C313	PLAN AND PROFILE (STA. 69+00 TO STA. 74+00)
21	05-C314	PLAN AND PROFILE (STA. 74+00 TO STA. 79+00)
22	05-C315	PLAN AND PROFILE (STA. 79+00 TO STA. 84+00)
23	05-C316	PLAN AND PROFILE (STA. 84+00 TO STA. 89+00)
24	05-C317	PLAN AND PROFILE (STA. 89+00 TO STA. 94+00)
25	05-C318	PLAN AND PROFILE (STA. 94+00 TO STA. 99+00)
26	05-C319	PLAN AND PROFILE (STA. 99+00 TO STA. 104+00)
27	05-C320	PLAN AND PROFILE (STA. 104+00 TO END)
29	05-C322	HORIZONTAL DIRECTIONAL DRILLING PLAN AND PROFILE
99 - DETAILS		
30	99-C501	STANDARD DETAILS I
31	99-C502	STANDARD DETAILS II
32	99-C503	STANDARD DETAILS III
33	99-C504	STANDARD DETAILS IV
34	99-C506	STANDARD DETAILS VI
35	99-C507	STANDARD DETAILS VII
36	99-C508	COF DETAILS 1
37	99-C509	COF DETAILS 2
38	99-C510	COF DETAILS 3
GRADING, EROSION AND STORMWATER QUALITY CONTROL PLAN		
TS1	TS1	TITLE SHEET
GN1	GN1	GENERAL NOTES
SP1	SP1	SITE PLAN
EC1	EC1	GRADING AND EROSION CONTROL PLAN (STA 10+00-19+00)
EC2	EC2	GRADING AND EROSION CONTROL PLAN (STA 19+00-29+00)
EC3	EC3	GRADING AND EROSION CONTROL PLAN (STA 29+00-39+00)
EC4	EC4	GRADING AND EROSION CONTROL PLAN (STA 39+00-49+00)
EC5	EC5	GRADING AND EROSION CONTROL PLAN (STA 49+00-59+00)
EC6	EC6	GRADING AND EROSION CONTROL PLAN (STA 59+00-69+00)
EC7	EC7	GRADING AND EROSION CONTROL PLAN (STA 69+00-79+00)
EC8	EC8	GRADING AND EROSION CONTROL PLAN (STA 79+00-89+00)
EC9	EC9	GRADING AND EROSION CONTROL PLAN (STA 89+00-99+00)
EC10	EC10	GRADING AND EROSION CONTROL PLAN (STA 99+00-108+95)
DT1	DT1	EROSION CONTROL DETAILS
DT2	DT2	EROSION CONTROL DETAILS
DT2	DT2	EROSION CONTROL DETAILS



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



04/30/2026

REV.	DATE	DESCRIPTION	BY
1	03/23/26	SHEET 28 REMOVED	SSS



**WIDEFIELD WATER
AND SANITATION
DISTRICT**
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

SHEET INDEX

JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
01-G002

SHEET
NUMBER **02**

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WAC FM-01-G003.dwg Last Save: 11/21/2025 11:26 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmonochrome.ctb Plot Scale: 1/2"=1'-0" Plot Date: 11/21/2025 4:51 PM Plotter used: None

GENERAL CIVIL NOTES

- SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR SAFETY, MEANS, OR METHODS OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL APPROPRIATE AGENCIES BEFORE WORK COMMENCES TO VERIFY THE TYPE, LOCATION, PROTECTION REQUIREMENTS, DEPTH OF ALL EXISTING UTILITIES, DRAINAGE FACILITIES, AND OTHER OBSTRUCTIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPAIRING AND/OR REPLACING ANY SUCH ITEMS DAMAGED DURING CONSTRUCTION.
- CAUTION: UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM EXISTING RECORDS AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS AND CONFIRM LOCATIONS OF UTILITIES AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ACCURATELY LOCATE AND UNCOVER ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. WHERE CROSSING OF EXISTING UTILITIES OCCUR, PROVIDE 12" MINIMUM CLEARANCE EXCEPT WATER MAINS SHALL BE 24". CROSS UNDER ALL WATER MAINS WHERE NOT POSSIBLE TO PROVIDE 18" CLEARANCE.
- SEWER AND WATER SERVICE SHALL BE MAINTAINED DURING ENTIRE CONSTRUCTION PERIOD OR TEMPORARY FACILITIES PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING ACTIVITIES AND ASSOCIATED PERMITS REQUIRED FOR ALL EXCAVATIONS REQUIRED TO COMPLETE THE PROJECT.
- APPROXIMATE LOCATIONS OF OVERHEAD POWER LINES MAY OR MAY NOT BE SHOWN ON PLANS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ALL LOCATIONS IN THE FIELD AND PLAN WORK IN THESE AREAS ACCORDINGLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE DRAINAGE AND COMPLIANCE WITH ALL GOVERNMENTAL STORM WATER REGULATIONS AND PERMITS (SWPPP) AS REQUIRED. CONTRACTOR SHALL OBTAIN NOI FROM APPROPRIATE STATE BODY PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMITS REQUIRED FOR WORK WITHIN STREAMS.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE TRAFFIC CONTROL AND SIGNAGE FOR THE DURATION OF PROJECT AS REQUIRED BY THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES -PART VI AND/OR ALL OTHER APPLICABLE GUIDELINES OF CDOT, COUNTY, CITY OR ANY OTHER AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AREAS. ALL ROAD CLOSURE MUST BE APPROVED BY THE CITY OF WIDEFIELD TRAFFIC ENGINEER PRIOR TO ANY PUBLIC ROAD CLOSURES.
- CONTRACTOR SHALL MAINTAIN TRAFFIC FLOW TO RESIDENCES AND BUSINESS WITH MINIMUM DISRUPTION OF ACCESS.
- ALL STREETS AND DRIVEWAYS SHALL BE OPEN CUT UNLESS NOTED OTHERWISE.
- ALL EXCAVATION BACKFILL OUTSIDE TRAFFIC WAYS SHALL BE COMPACTED TO MIN 95% STANDARD PROCTOR DENSITY TO PREVENT SETTLEMENT.
- CONSTRUCTION EASEMENTS WILL BE REQUIRED IF ENCROACHING INTO PRIVATE PROPERTY DURING THE CONSTRUCTION PROCESS.
- A WORK IN THE R.O.W. PERMIT WILL BE REQUIRED FOR ALL CONSTRUCTION WORK WITHIN THE R.O.W.
- THE STORMWATER MANAGEMENT PLAN SHALL BE PREPARED BY THE CONTRACTOR AND SHALL BE SEALED BY LICENSED ENGINEER IN THE STATE OF COLORADO.

PAVING AND GRADING NOTES

- ALL PAVING MATERIALS AND CONSTRUCTION SHALL MEET THE EPC (EL PASO COUNTY) WHEN THE FORCE MAIN IS WITHIN EPC JURISDICTION AND THE CITY OF FOUNTAINS SOP'S, STANDARD SPECIFICATIONS, AND DETAILS WHEN THE FORCE MAIN IS WITHIN THE CITY OF FOUNTAIN JURISDICTION UNLESS NOTED OTHERWISE.
- ANY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION AT THE CONTRACTORS EXPENSE.
- ANY DISTURBED AREAS NOT SPECIFICALLY DESIGNATED TO BE GRADED SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AND SHALL BE GRADED TO DRAIN AS APPROVED BY THE ENGINEER.
- FINAL PAVEMENT SURFACES SHALL NOT BE PLACED UNTIL ALL MAJOR CONSTRUCTION ACTIVES HAVE CONCLUDED.
- ANY CHANGES TO FINAL GRADE ELEVATIONS AS SHOWN ON THE PLANS SHALL BE APPROVED BY THE ENGINEER.
- ALL ASPHALT AND CONCRETE PAVING REMOVED AND REPLACED SHALL BE NEAT SAW CUT.

PIPING NOTES

- MINIMUM COVER OVER PIPING SHALL BE 5'-5", MEASURED FROM FINISHED GRADE.
- PROVIDE MINIMUM PIPE COVER, AS SPECIFIED. IN GENERAL LAY PIPE TO UNIFORM GRADES BETWEEN THE ELEVATIONS SHOWN, UNLESS OTHERWISE APPROVED. IN SOME CASES, EXISTING CONDITIONS PROHIBIT UNIFORM GRADES BETWEEN THE ELEVATIONS SHOWN, AND FIELD ADJUSTMENTS TO UNIFORM GRADES ARE REQUIRED AS APPROVED BY ENGINEER.
- SIZE OF FITTINGS SHOWN ON PLANS SHALL CORRESPOND TO ADJACENT STRAIGHT RUN OF PIPE, UNLESS OTHERWISE INDICATED. TYPE OF JOINT AND FITTING MATERIAL SHALL BE AS SPECIFIED FOR ADJACENT STRAIGHT RUN OF PIPE.
- ALL JOINTS SHALL BE WATERTIGHT.
- THRUST AT FITTINGS SHALL BE RESISTED BY RESTRAINED JOINTS OR CONCRETE REVERSE ANCHORS AS SPECIFIED AND AS REQUIRED TO RESIST THRUST, UNLESS OTHERWISE APPROVED BY ENGINEER. SEE THRUST RESTRAINT DETAILS ^{C501}_(W-25)
- CONTRACTOR SHALL LOCATE AND UNCOVER ALL CONNECTIONS TO EXISTING LINES, AND ANY POSSIBLE CONFLICTS WITH PROPOSED FACILITIES AND VERIFY LOCATION, ELEVATION, PIPE MATERIAL, AND PIPE O.D. PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING BURIED PIPING AND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGED UNDERGROUND FACILITIES.
- ALL PIPELINE SHUTDOWNS SHALL BE COORDINATED WITH THE DISTRICT. A WRITTEN WORK PLAN SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER AND DISTRICT 24 HOURS PRIOR TO ANY SHUTDOWNS.
- ROCK SHALL BE UNDERCUT A MINIMUM OF 4". NO SEPARATE PAY ITEM EXISTS FOR ROCK EXCAVATION. ALL EXCAVATION SHALL BE CONSIDERED TO BE UN-CLASSIFIED EXCAVATION AND SUBSIDIARY TO OTHER BID ITEMS.
- CONTRACTOR SHALL PREVENT STORM WATER AND DEBRIS FROM ENTERING PIPES AND MANHOLES AT ALL TIMES. ALL PIPES AND MANHOLES SHALL BE SECURELY PLUGGED AT THE END OF EACH DAY.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND VERIFYING THE FORCE MAIN PARALLEL AND CROSSING INSTALLATIONS WITH POTABLE WATER PIPES. MEET SEPARATION REQUIREMENTS AS OUTLINED BY CDPHE. CONTRACTOR TO UTILIZE V-BIO POLYWRAP FOR SECONDARY CONTAINMENT WHERE WATER AND WASTEWATER SEPARATION IS LESS THAN 10' HORIZONTAL AND 18" VERTICAL AT STATIONS IDENTIFIED IN PLANS. IF SITE CONDITIONS ARE DISCOVERED WHERE WASTEWATER SEPARATION IS LESS THAN 4' HORIZONTAL AND 18" VERTICAL, NOTIFY THE DISTRICT AND ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR PERFORMING AND COMPLYING WITH COLORADO REQUIREMENTS FOR DEWATERING. CONTRACTOR TO CONFIRM THE APPLICABLE DEWATERING DISCHARGE MEANS AND METHODS, AND WILL COORDINATE PERMITTED DEWATERING DISCHARGE TO SANITARY SEWER WITH OWNER AND ENGINEER PRIOR TO DISCHARGING.
- CONTRACTOR IS RESPONSIBLE FOR HYDROSTATIC TESTING. CONTRACTOR SHALL FOLLOW REQUIREMENTS OF WWSD STANDARD SECTIONS 3.11, 3.12, AND 3.13.
- GALVANIC ANODES SHALL BE INSTALLED AT ALL DUCTILE IRON FITTINGS AND AS SHOWN ON DRAWINGS. SIZE OF ANODES SHALL BE PROVIDED BY A CORROSION ENGINEER LICENSED IN THE STATE OF COLORADO.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF ANY EXISTING PIPE AND ANY EXCESS MATERIALS RESULTING FROM THE WORK. FOR ASBESTOS CONTAINING MATERIALS (ACM), CONTRACTOR SHALL COMPLY WITH CDPHE REGULATION 8 CONTROL OF HAZARDOUS AIR POLLUTANTS 5 CCR 1001-10. REFER TO PART B ASBESTOS CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED INSPECTION, NOTIFICATIONS AND PERMITS. FOR REMOVAL OF ASBESTOS, OR MATERIAL THAT COULD POTENTIALLY CONTAIN ASBESTOS, COMPLY WITH APPLICABLE PROVISIONS OF OSHA 29 CFR 1926.1101 - ASBESTOS, OSHA 29 CFR 1926.32 - GENERAL SAFETY AND HEALTH PROVISIONS, AND EPA 40CFR 61 SUBPART M - NATIONAL EMISSION STANDARD FOR ASBESTOS.

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL, AND CITY OF FOUNTAIN REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:

EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CDOT M & S STANDARDS
- NOT WITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE CONTRACTOR'S RESPONSIBILITY TO RECTIFY.
- IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE CONTRACTOR'S RESPONSIBILITY TO RECTIFY.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) AND FOUNTAIN ENGINEERING DEPT. - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, COUNTY AND STATE FUGITIVE DUST PERMITS, AND CITY OF FOUNTAIN REQUIREMENTS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PLANNING AND COMMUNITY DEVELOPMENT. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVES BY PCD
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD AND THE CITY OF FOUNTAIN PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SIRE AT APPROVED CONSTRUCTION ACCESS POINTS.
- SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLAN SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES. WORK WITHIN FOUNTAIN CITY LIMITS SHALL FOLLOW THE CITY OF FOUNTAIN'S SIGNAGE CODE AND SIGHT VISIBILITY REQUIREMENTS.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA. (IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT AND FOUNTAIN ENGINEERING DEPARTMENT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY PERMANENT OR TEMPORARY EASEMENTS LINE UNLESS OTHERWISE NOTED. THE OWNER/CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

REV.	DATE	DESCRIPTION	BY



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO



JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

GENERAL NOTES 1

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

01-G003

SHEET NUMBER 03

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC FM-01-G003.dwg Last Save: 11/21/2025 11:26 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Scale: 1/2"=1'-0" Plot Date: 11/21/2025 4:51 PM Plotter used: None

SIDEWALK REPAIR - STANDARD OPERATING PROCEDURE WITHIN THE CITY OF FOUNTAIN LIMITS

1. APPLY FOR A RIGHT-OF-WAY PERMIT VIA THE CITY’S IDT INSPECTION REQUEST ONLINE APPLICATION. ACCESS THE WEB SITE WITH THE FOLLOWING LINK
HTTPS://FOUNTAINCOLORADO.IDTPLANS.COM/SECURE/. PROVIDE A MUTCD COMPLIANT SIDEWALK CLOSURE PLAN (CALLED A “TRAFFIC CONTROL PLAN” ON THE WEB SITE) WHICH WILL UTILIZE BARRICADES AND SIGNAGE. NOTE THAT IF A LANE CLOSURE IS NEEDED OR REQUIRED BY THE CITY, A TRAFFIC CONTROL PLAN (TCP) DEPICTING THOSE MEASURES WILL BE NEEDED AS WELL. A PERMIT FEE IS REQUIRED TO BE PAID BY THE APPLICANT.
2. CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) BY DIALING 811 TO SCHEDULE UTILITY MARKINGS FOR THE WORK AREA. IF THERE ARE ANY POTENTIAL UTILITY CONFLICTS, CONTACT THE UTILITY OWNER PRIOR TO EXCAVATION.
3. PLACE PEDESTRIAN AND STREET BARRICADES/SIGNAGE AS SHOWN ON THE APPROVED TCP.
4. REMOVE A SECTION OF CONCRETE (AKA – STONE) TO THE NEAREST JOINT BY SAWCUTTING. NO PARTIAL STONE OR RAMP REMOVAL WILL BE ALLOWED UNLESS APPROVED BY THE ENGINEERING DEPARTMENT.
5. IF ROOTS ARE FOUND IN CONFLICT WITH THE PROPOSED CONCRETE SECTION, SEE BELOW.
A. SAW CUT ROOT(S) AND SEAL THE ROOT AS RECOMMENDED BY AN ARBORIST OR LOCAL NURSERY REPRESENTATIVE. REMOVE ANY ORGANIC MATERIAL AND WET/SOGGY MATERIAL.
B. INSTALL A HIGH DENSITY POLYETHYLENE (HDPE) TREE ROOT BARRIER SHEET (OR RECOMMENDED PRODUCT AS DIRECTED BY AN ARBORIST OR LOCAL NURSERY) TO RE-DIRECT FUTURE ROOT GROWTH DOWNWARD.
6. RECOMPACT THE BASE MATERIAL. IF ANY MATERIAL IS BEING REPLACED OR ADDED, IT SHALL BE A CDOT CLASS 6 AGGREGATE BASE COURSE OR APPROVED EQUAL AS DETERMINED BY THE ENGINEERING DEPARTMENT.
7. PLACE THE FORMS FOR THE NEW CONCRETE AND ENSURE THAT THE SIDEWALK OR RAMP MEETS ADA REQUIREMENTS. THE DEPTH OF THE SIDEWALK MUST MEET THE CITY’S 5” THICKNESS REQUIREMENT. NOTE THAT AT DRIVEWAYS, THE MINIMUM THICKNESS SHALL BE 6” AND AT COMMERCIAL AND ALLEY ENTRANCES SHALL BE 8” THICK.
8. CALL THE CITY INSPECTOR (719-659-3393) PRIOR TO THE CONCRETE POUR TO CHECK COMPACTION OF THE BASE MATERIAL. IF THE BASE MATERIAL WILL NOT COMPACT, PER THE CITY INSPECTOR, THE BASE MATERIAL WILL NEED TO BE REMOVED AND REPLACED WITH CDOT CLASS 6 OR EQUIVALENT; 24HRS ADVANCED NOTICE IS REQUIRED FOR SCHEDULING INSPECTION. NOTE - IF AN INSPECTION IS NOT MADE PRIOR TO THE POUR, THE MATERIAL WILL NEED TO BE REMOVED AND REPLACED OR A TWO-YEAR WARRANTY SHALL BE REQUIRED AND MONEY WILL BE PLACED IN AN ESCROW ACCOUNT.
9. POUR AND FINISH THE CONCRETE FOLLOWING THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL, SECTION 500 (INCLUDING ALL REVISIONS AND POLICY CLARIFICATIONS) FOR MATERIAL AND INSTALLATION REQUIREMENTS.
10. 1PROVIDE ADEQUATE CONTROL JOINTS AS REQUIRED IN THE STANDARD SPECIFICATIONS MANUAL AND CURE THE CONCRETE AS REQUIRED IN THE MANUAL.
11. ENSURE THE ADJACENT SITE IS RESTORED TO EQUAL OR BETTER CONDITIONS AND CALL THE CITY INSPECTOR FOR A FINAL INSPECTION.
12. REMOVE ALL TEMPORARY BARRICADES/SIGNAGE.
13. NO LIPS GREATER THAN 1/8 " WILL BE ACCEPTED.
14. GRINDING IS NOT ALLOWED FOR SIDEWALK RAISED MORE THAN 1 INCH.
15. ALL RESULTING GRADES MUST BE ADA COMPLIANT.

UTILITY POTHOLING: BACKFILL REPAIR STANDARD OPERATING PROCEDURE WITHIN THE CITY OF FOUNTAIN LIMITS

1. APPLY FOR A RIGHT-OF-WAY PERMIT VIA THE CITY’S IDT INSPECTION REQUEST ONLINE APPLICATION. ACCESS THE WEB SITE WITH THE FOLLOWING LINK
HTTPS://FOUNTAINCOLORADO.IDTPLANS.COM/SECURE/. PROVIDE A MUTCD COMPLIANT TRAFFIC CONTROL PLAN WHICH WILL UTILIZE BARRICADES AND SIGNAGE. A LOCATION MAP OF ANTICIPATED POTHOLE LOCATIONS AND AMOUNTS AND PERMIT FEE IS REQUIRED.
2. CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) BY DIALING 811 TO SCHEDULE UTILITY MARKINGS FOR THE WORK AREA. IF THERE ARE ANY POTENTIAL UTILITY CONFLICTS, CONTACT THE UTILITY OWNER PRIOR TO EXCAVATION.
3. PLACE PEDESTRIAN AND STREET BARRICADES/SIGNAGE AS SHOWN ON THE APPROVED TCP.
4. UTILITY LOCATE POTHOLE SHALL NOT BE PLACED IN THE WHEEL PATH OF A TRAVEL LANE UNLESS APPROVED BY THE ENGINEERING DEPARTMENT.
5. ALL POTHOLE MUST BE BACKFILLED WITHIN 72HRS UNLESS APPROVED BY CITY ENGINEER OR DESIGNEE. IF APPROVED, A TEMPORARY METAL PLATE MUST BE USED UNTIL SUCH TIME AS THE POTHOLE CAN BE PROPERLY BACKFILLED. TEMPORARY METAL PLATE USE MUST MEET CDOT SPECIFICATIONS AND BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION AND MUST BE OF SUFFICIENT STRUCTURAL STRENGTH TO BRIDGE THE TRENCH. METAL PLATES WILL NOT BE ALLOWED DURING THE WINTER MONTHS.
6. ALL UTILITY LOCATE POTHOLE IN THE PAVEMENT SECTION, SIDEWALK OR GUTTER SHALL BE CORED WITH A CIRCULAR CORING SAW WITH A MAXIMUM DIAMETER OF TWELVE (12) INCHES. THE PLUG SHALL BE CAREFULLY REMOVED, WITHOUT CAUSING DAMAGE TO THE PLUG. THE PLUG SHALL BE MARKED AND REMOVED FROM THE SITE UNTIL SUCH TIME IT IS RETURNED IN THE CORE HOLE.
7. POTHOLE EXCAVATIONS SHALL BE BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AKA – FLOW FILL, IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL - ADDENDUM 3: REVISION TO SECTION 206 TO THE PROPOSED ASPHALT PLACEMENT ELEVATION. NATIVE MATERIAL REMOVED SHALL NOT BE USED TO BACKFILL A POTHOLE FOR HARD SURFACED APPLICATIONS. FOR TREE LAWN UTILITY POTHOLE, THE TOP 12" SHALL BE COMPACTED NATIVE MATERIAL.
8. ALL PLUGS WILL BE PUT BACK IN THE CORRESPONDING HOLE IN THE ORIGINAL ORIENTATION AT THE TIME OF RESTORATION. HOLES SHALL BE CLEANED AND DRIED AND THE SIDES OF THE PLUGS SHALL BE COATED AND THE TOP SEALED WITH A PERMANENT BONDING AGENT.
9. IN THE EVENT THE CORE PLUGS ARE DAMAGED OR CANNOT BE USED TO FILL THE CORE HOLE THE ASPHALT, THE ASPHALT SHALL BE REPAIRED USING COLD MIX ASPHALT PAVING MATERIAL FROM THE CITY OF COLORADO SPRINGS APPROVED LIST. THE CORE HOLES SHALL BE CLEANED AND TACKED PRIOR TO PLACING COLD MIX ASPHALT PAVING MATERIAL AS FOLLOWS:
A. RESIDENTIAL/COLLECTOR STREET CLASSIFICATION – SIX (6) INCHES OF COLD MIX ASPHALT PAVING MATERIAL.
B. ARTERIAL/INDUSTRIAL STREET CLASSIFICATION – TWELVE (12) INCHES OF COLD MIX ASPHALT PAVING MATERIAL.
10. ALL UTILITY POTHOLE LOCATIONS SHALL BE IDENTIFIED ON AN ASBUILT DRAWING WITH A MINIMUM OF TWO REFERENCED TIE MEASUREMENTS TO PERMANENT INFRASTRUCTURE FEATURES. E.G. – FIRE HYDRANTS, POWER POLES, SIGNAL POLES, FENCE CORNER, TRANSFORMERS, ETC.)

STREET EXCAVATION, BACKFILL AND ASPHALT REPAIR - STANDARD OPERATING PROCEDURE WITHIN THE CITY OF FOUNTAIN LIMITS

GENERAL:
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT CITY OF COLORADO SPRINGS ENGINEERING DIVISION STANDARD SPECIFICATIONS MANUAL, INCLUDING SPECIFICATIONS MANUAL ADDENDUMS, PIKES PEAK REGION ASPHALT PAVING SPECIFICATIONS AND CITY OF FOUNTAIN STANDARD DETAILS DATED MARCH 1, 2023. IN THE EVENT THERE IS A DIFFERENCE IN SPECIFICATIONS, THE CITY OF FOUNTAIN REQUIREMENTS IN THIS DOCUMENT SHALL SUPERSEDE THE STANDARD SPECIFICATIONS MANUAL REQUIREMENTS.

WEATHER LIMITATIONS:
THE PLACEMENT AND COMPACTION OF ASPHALT SURFACING SHALL BE PERFORMED ONLY WHEN WEATHER CONDITIONS ARE SUITABLE. ASPHALT SURFACING SHALL NOT BE PLACED ON BASE COURSE WHICH IS FROZEN OR WHERE STANDING WATER IS PRESENT, NOR WHEN THE TEMPERATURE OF THE SURFACE ON WHICH THE ASPHALT PAVEMENT IS TO BE PLACED IS LESS THAN 45 DEGREES FAHRENHEIT AND THE ATMOSPHERIC TEMPERATURE IS LESS THAN 45 DEGREES FAHRENHEIT AND RISING. IF HOT MIX ASPHALT (HMA) MUST BE APPLIED WITH TEMPERATURES BELOW 45 DEGREES FAHRENHEIT, THE PATCH WILL BE CONSIDERED TEMPORARY AND WILL BE SUBJECT TO FUTURE REMOVAL AND REPLACEMENT. THE TEMPERATURE OF THE ASPHALT MIXTURE DELIVERED TO THE JOBSITE SHALL NOT BE LESS THAN 235 DEGREES FAHRENHEIT UNLESS A WARM MIX IS APPROVED BY THE CITY ENGINEER OR DESIGNEE.

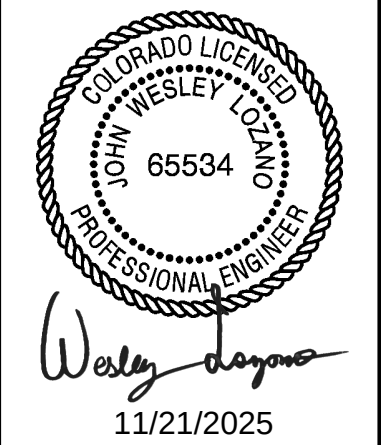
- EXCAVATION:
1. EXISTING PAVEMENT MAY BE ROUGH CUT INITIALLY IN CONJUNCTION WITH TRENCHING; HOWEVER, A SQUARE EVEN VERTICAL CUT SHALL BE MADE INTO EXISTING STRUCTURALLY SOUND PAVEMENT AFTER PLACEMENT OF BACKFILL AND PRIOR TO PAVEMENT REPLACEMENT (SEE ASPHALT REPAIR).
 2. REMOVE THE NATIVE TRENCH MATERIAL TO THE DEPTH AND EXTENT REQUIRED. IN THE EVENT THE EXCAVATION CONSISTS OF WET OR MUDDY MATERIAL, AS MUCH OF THE WET MATERIAL SHALL BE REMOVED AS IS PRACTICAL AND SAFE.
 3. SEAMS OF EXCAVATION CANNOT BE IN WHEEL PATHS. A MINIMUM OF 1 FOOT SEPARATION FROM WHEEL PATHS AND EDGE OF CUT WILL SHALL BE REQUIRED.

- BACKFILL:
1. WET MATERIAL REMOVAL DEPTHS AND REPLACEMENT REQUIREMENTS MUST BE APPROVED BY THE CITY ENGINEER. AT NO COST TO THE CITY OF FOUNTAIN, A GEOTECHNICAL ENGINEER MAY BE NEEDED TO PROVIDE A SITE-SPECIFIC DESIGN.
 2. ALL MATERIAL EXCAVATED WILL BE REPLACED WITH CDOT “CLASS 6” STRUCTURAL FILL, GRAVEL OR CRUSHED CONCRETE.
 3. PROVIDE SUB GRADE AND BASE COURSE PER THE CITY OF FOUNTAIN “UTILITY STREET CUT REPAIR” STANDARD DRAWINGS. A MINIMUM OF THE TOP 24 INCHES OF FILL MUST BE CRUSHED CONCRETE AGGREGATE, MEETING OR EXCEEDING THE CDOT CLASS 6 STANDARD. IF CLASS 6 MATERIAL IS NOT AVAILABLE, THE REPAIR WILL BE CONSIDERED TEMPORARY AND THE SUBSTANDARD BASE COURSE SHALL BE REMOVED AND REPLACED WITHIN A TIMEFRAME APPROVED BY THE ENGINEERING DEPARTMENT.
 4. SUB GRADE OR BASE COURSE LIFTS SHALL NOT EXCEED SIX (6) INCHES OF LOOSE MATERIAL IF USING HAND OPERATED COMPACTORS AND TWELVE (12) INCHES OF LOOSE MATERIAL IF USING ROLLERS OR BACK HOE ATTACHED PLATE COMPACTORS. COMPACTION SHALL BE TESTED BY CONTRACTOR TO SHOW MINIMUM 95% COMPACTION.
 5. IN THE EVENT THAT THE BACKFILL IS NOT POSSIBLE TO SUITABLY COMPACT, OR THE BACKFILL WILL NOT PROPERLY COMPACT, FILL IS TO BE COMPACTED AS MUCH AS POSSIBLE AND THE EXCAVATION IS TO BE OVER FILLED SIX (6) INCHES AND LEFT TO NATURALLY SETTLE UNTIL CONDITIONS IMPROVE ENOUGH TO RECTIFY COMPACTION. AFTER SUCH TIME A MINIMUM OF 3’ OF FILL WILL BE REMOVED AND REAPPLIED IN LIFTS TO ENSURE PROPER COMPACTION IS ACHIEVED. AN APPROPRIATE STEEL ROAD PLATE MAY ALSO BE UTILIZED TO TEMPORARILY COVER OPEN HOLES OR TRENCHES UNTIL PROPER COMPACTION CAN BE ATTAINED.

- ASPHALT REPAIR:
1. ASPHALT MIX DESIGN MUST BE APPROVED BY CITY ENGINEER OR DESIGNEE. ASPHALT PATCHES WILL BE OF SUCH A THICKNESS AS TO MATCH THE THICKNESS OF THE EXISTING ASPHALT IN THE AREA SURROUNDING THE EXCAVATION, BUT NO LESS THAN A MINIMUM OF 5 INCHES OF THICKNESS FOR RESIDENTIAL/COLLECTOR STREETS AND 9 INCHES FOR ARTERIAL/INDUSTRIAL STREETS. ASPHALT LIFTS MUST FOLLOW PIKES PEAK REGION ASPHALT PAVING SPECIFICATIONS. ALTERNATIVE DEPTHS MAY BE CONSIDERED IF AUTHORIZED BY THE ENGINEERING DEPARTMENT.
 2. A SQUARE EVEN VERTICAL CUT SHALL BE MADE IN THE EXISTING ASPHALT PAVEMENT AFTER PLACEMENT OF BACKFILL AND PRIOR TO PAVEMENT REPLACEMENT. THE SQUARE VERTICAL CUT SHALL BE MADE AT A MINIMUM OF TWELVE (12) INCHES BACK FROM THE TRENCH LINE OR WHATEVER DISTANCE IS NEEDED TO ENSURE THE VERTICAL CUT IS MADE INTO STRUCTURALLY SOUND PAVEMENT. THE PATCH SHALL BE MADE WITH PLACEMENT OF HOT MIX ASPHALT (HMA). IN LARGE PATCHES OR WHENEVER POSSIBLE, A SELF-PROPELLED PAVING MACHINE SHALL BE USED FOR PLACEMENT. IN SMALL PATCHES (LESS THAN 200SF), THE MATERIAL MAY BE HAND PLACED OR PLACED WITH A SPREADER BOX WITHOUT SEPARATION OF THE MIX. THE MATERIAL SHALL BE PLACED TO THE GRADE AND THICKNESS REQUIRED TO ALLOW FOR COMPACTION AFTER ROLLING. THE HMA MATERIAL SHALL BE COMPACTED USING THE NUMBER, WEIGHT AND TYPE OF ROLLERS REQUIRED TO PROVIDE 95% OF THE MAXIMUM DENSITY.
 3. EXISTING ASPHALT SURFACES RECEIVING AN ASPHALT OVERLAY, EXISTING VERTICAL CONCRETE SURFACES SUCH AS CURB, GUTTER, CROSS PAN(S), AND MANHOLES, OR THE UNDERLYING COURSES OF ASPHALTIC PAVEMENT STRUCTURE INCLUDING VERTICAL CUT ASPHALT EDGES, SHALL RECEIVE A UNIFORM TACK COAT TO ENSURE BONDING OF THE NEW MAT, MEETING THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS REQUIREMENTS.
 4. THE FINAL SHAPE OF THE PATCH WILL BE RECTANGULAR OR SQUARE WITH THE CURB LINE AND CENTERLINE WHENEVER POSSIBLE. NO ACUTE ANGLES WILL BE PERMITTED.
 5. IN THE EVENT IT IS NECESSARY TO REPLACE ANY TRAFFIC MARKING LINES, E.G., PAINT LINES, PREFORMED THERMOPLASTIC MARKINGS), THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR REPLACING/REPAIRING IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS STANDARDS.
 6. ON THE AREAS WHERE THE USE OF MECHANICAL PAVERS CANNOT BE USED, THE MIXTURE SHALL BE SPREAD, RAKED AND LUTED BY HAND TOOLS. WHEN MATERIAL IS SHOVELED, IT SHALL BE DEPOSITED BY TURNING THE SHOVEL OVER ABOVE THE DESIRED AREA. NO “SLINGING” OF THE SHOVEL WILL BE PERMITTED. THE HAND PLACED MATERIAL SHALL BE SMOOTHED AND LEFT HIGHER THAN THE MACHINE LAID MATERIAL BY ABOUT 1/2 INCH PER INCH OF DEPTH. THE MAJORITY OF THE RAKING WORK SHALL BE DONE WITH A LUTE RATHER THAN A TINED RAKE.
 7. THE SURFACE OF THE FINISHED PAVEMENT SHALL BE FREE FROM DEPRESSIONS EXCEEDING 3/16 INCH IN 10 FEET, WHEN TESTED WITH A STRAIGHT-EDGE. ALL DEPRESSIONS EXCEEDING THE SPECIFIED TOLERANCES SHALL BE CORRECTED BY REMOVING DEFECTIVE WORK AND REPLACING IT WITH NEW MATERIAL AS DIRECTED. THE SURFACE SHALL BE SMOOTH AND TRUE TO THE ESTABLISHED CROWN AND GRADE.
 8. ALL APPURTENANCES SUCH AS VALVES OR MANHOLES WITHIN A PATCH MUST BE RESTORED TO LESS THAN OR EQUAL TO 1/4 INCH BELOW THE NEW FINISHED GRADE.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



BY				
DESCRIPTION				
DATE				
REV.				



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

GENERAL NOTES 2

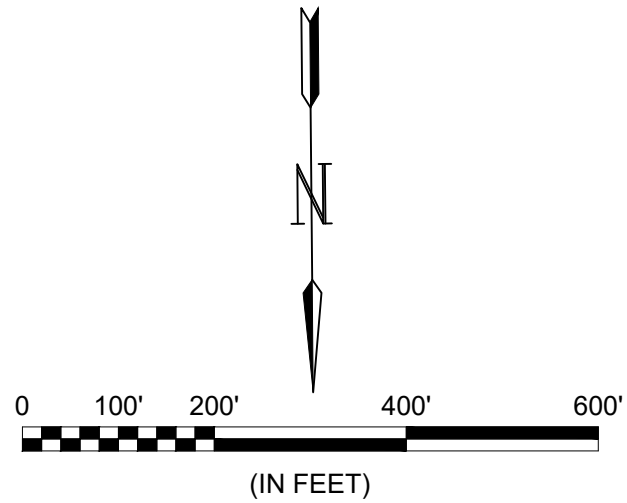
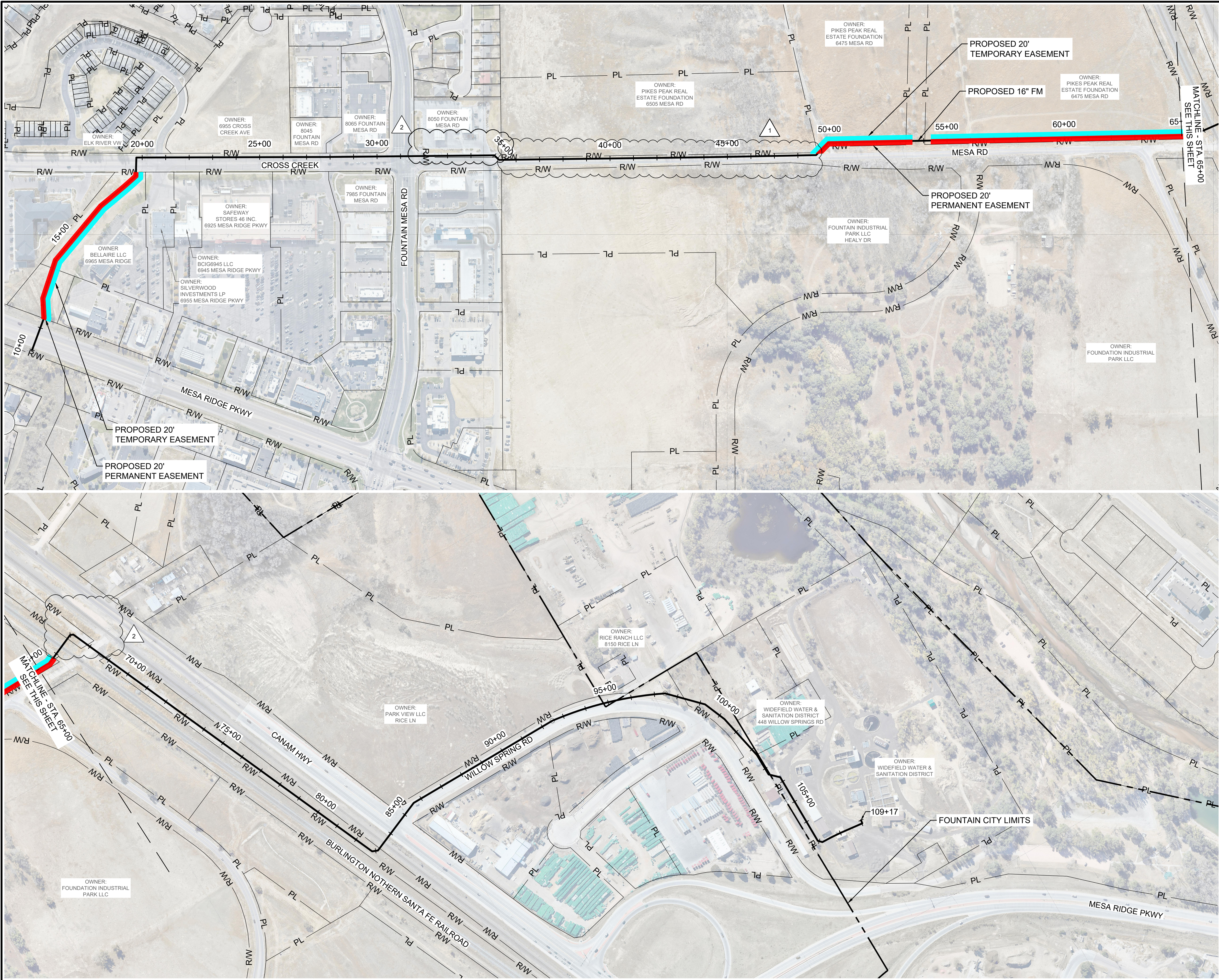
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

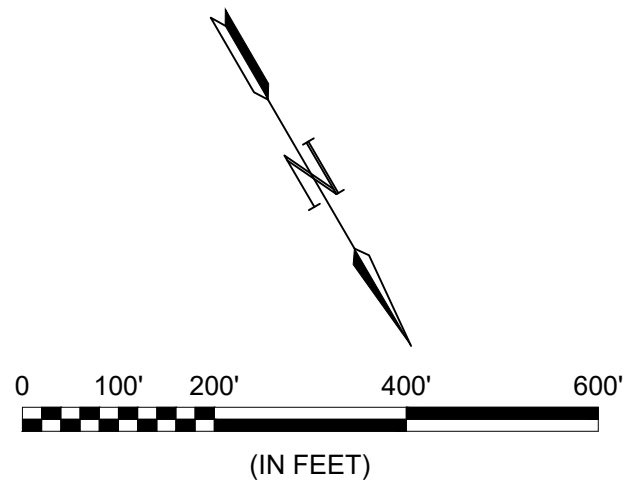
DRAWING NUMBER
01-G004

SHEET NUMBER
04

File: I:\2022\22w23080 - widefield wsd jimmy camp fm design\Drawings\EXHIBITS\22W23080_WJC - Overall Easement Layout Plan.dwg Last Save: 6/18/2026 8:48 AM Last saved by: KRBallin
Last plotted by: Ballin, Kelly R Plot Style: AECmonochrome.ctb Plot Date: 6/18/2026 8:53 AM Plotter used: None



SYMBOL	DESCRIPTION
	PERMANENT ESMT.
	TEMPORARY CONSTRUCTION ESMT.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

06/18/2026

BY	SSS	SSS		
DESCRIPTION	ESMT & ALIGNMENT UPDATES	EASEMENT UPDATES		
DATE	03/23/26	06/18/26		
REV.	1	2		

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

OVERALL EASEMENT LAYOUT PLAN

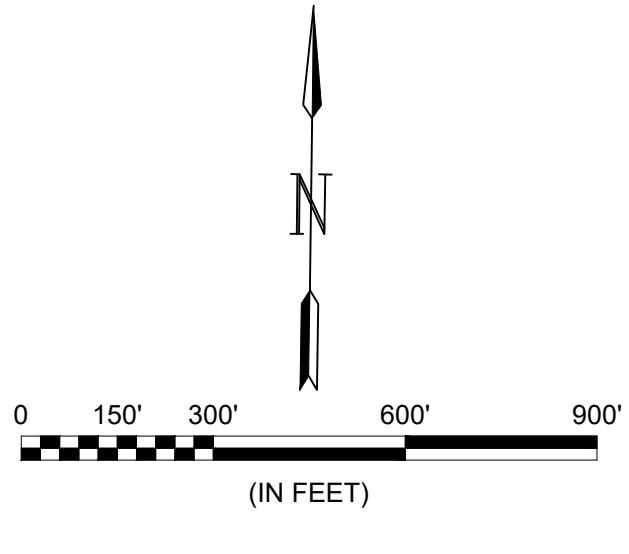
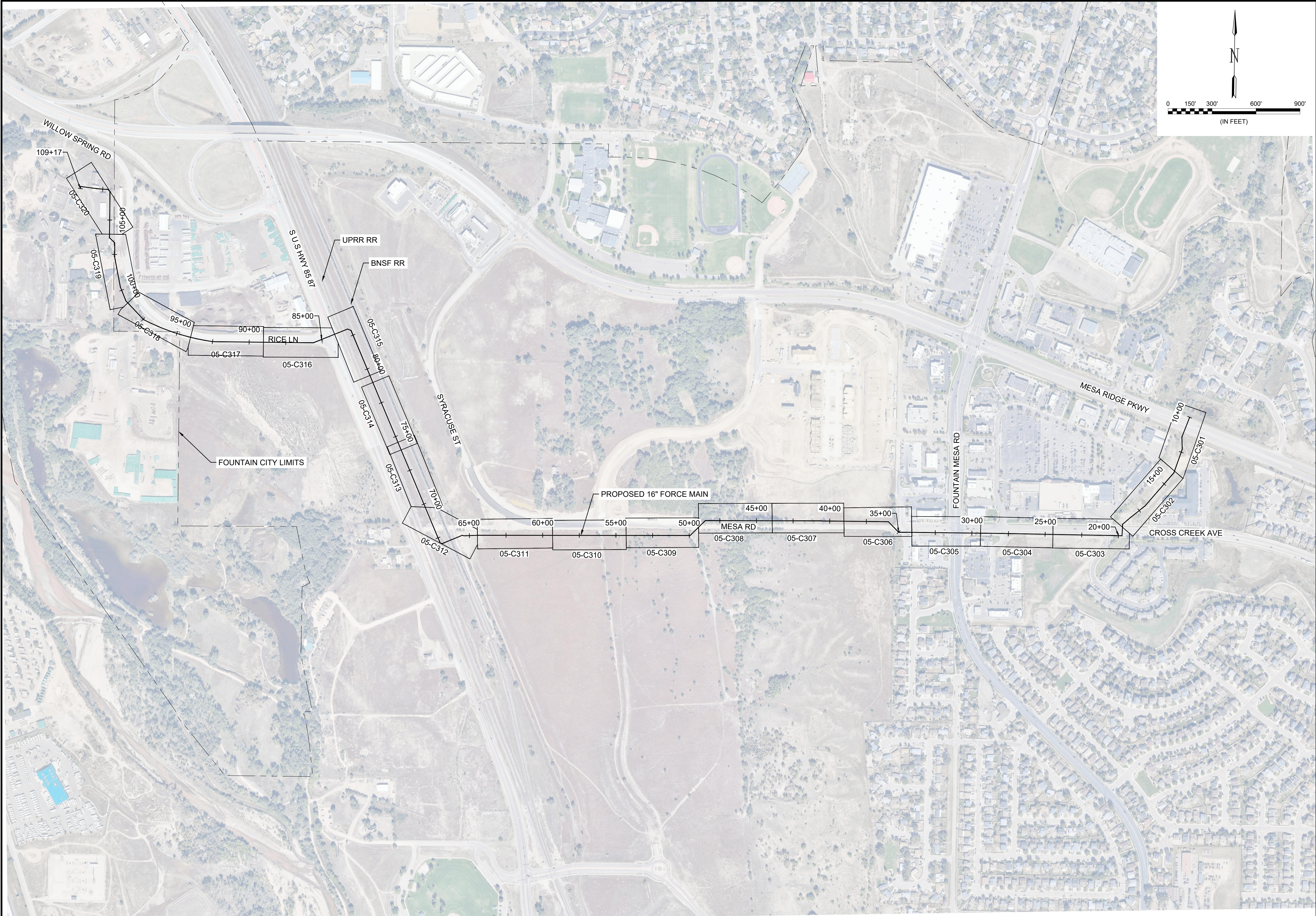
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
01-G006

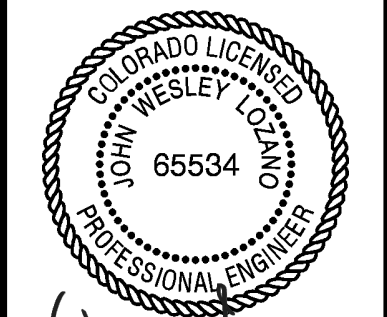
SHEET NUMBER
06

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WC FM-05-C101-OL.dwg Last Save: 11/21/2025 11:31 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmonochrome.ctb Plot Date: 11/21/2025 2:03 PM Plotter used: None





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

BY				
DESCRIPTION				
DATE				
REV.				



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

OVERALL LAYOUT

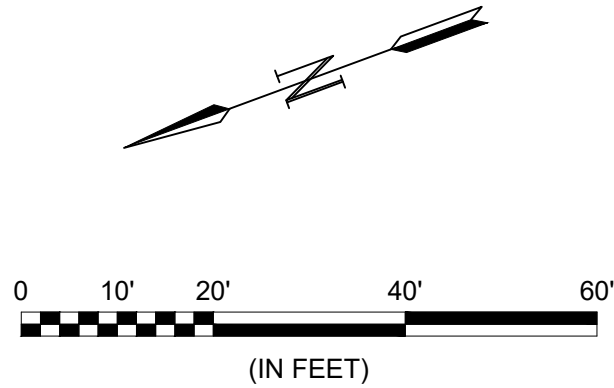
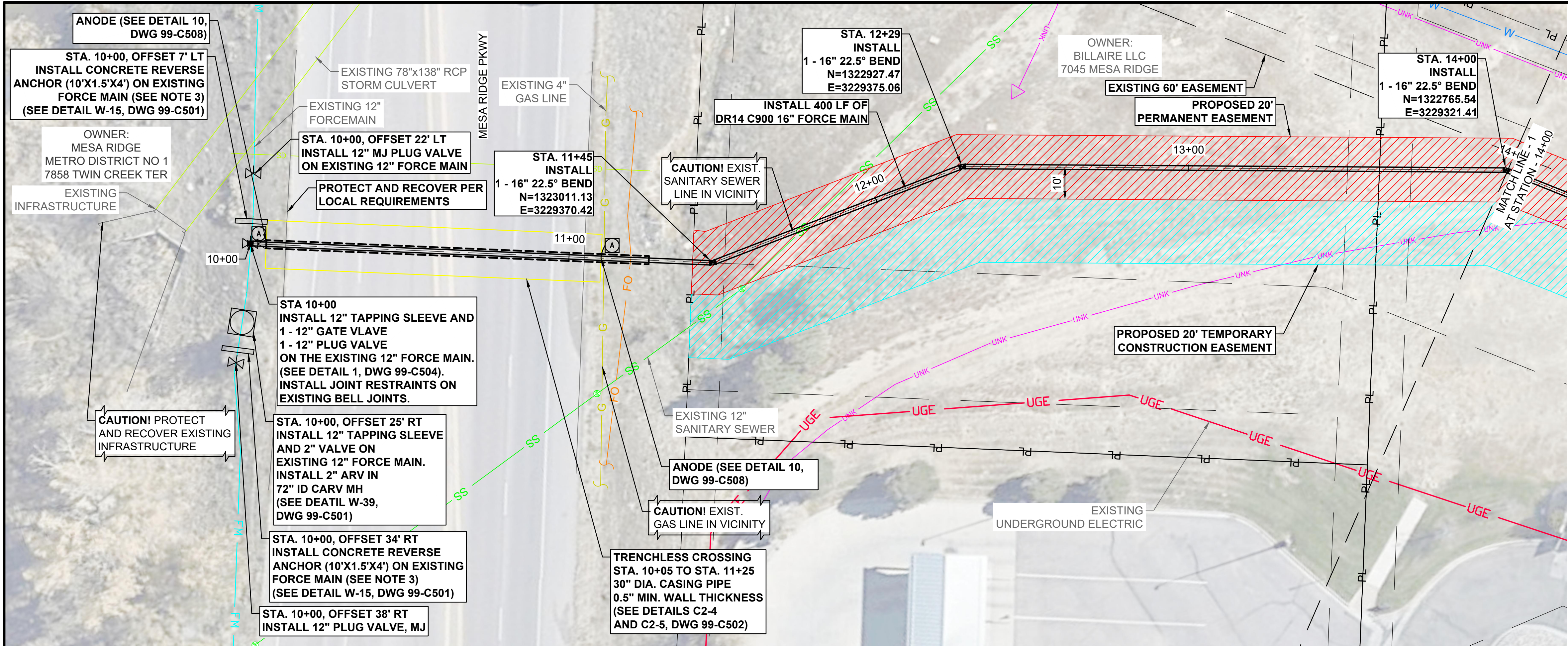
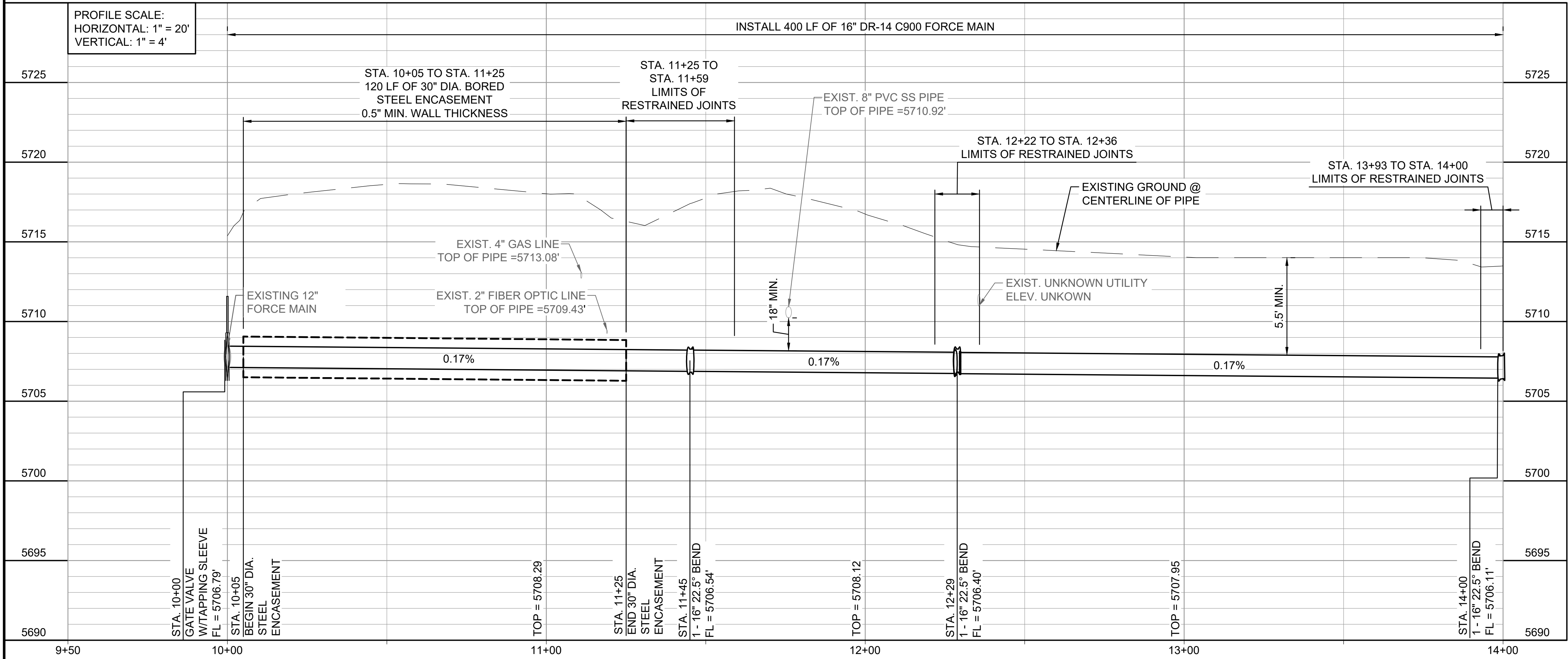
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C101

SHEET NUMBER **07**

File: L:\2022\2022080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC FM-05-C301-PP.dwg Last Save: 11/21/2025 11:31 AM Last saved by: FJChavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 1/2"=40' Plot Date: 11/21/2025 3:44 PM Plotter Used: None

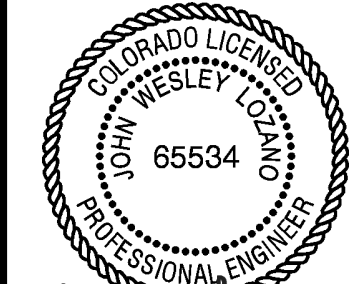


NOTES:

- COORDINATE INSTALLATION AND TIE-IN TO EXISTING 12-INCH FORCE MAIN WITH OWNER AND OPERATIONS STAFF.
- RECOVER GRADING AND SURFACE CONDITIONS. GRADE TO MATCH EXISTING CONDITIONS.
- REVERSE CONCRETE ANCHOR SHALL BE PLACED A MINIMUM OF 5' FROM THE EXISTING FORCE MAIN JOINT. LOCATE FORCE MAIN JOINT AND SUBMIT TO ENGINEER FOR RECORD PURPOSES.
- SEQUENCE OF CONSTRUCTION SHALL REQUIRE NO MORE THAN 4 HOURS OF CONTINUOUS DOWNTIME ON THE EXISTING 12" FORCE MAIN. ALL CONSTRUCTION ACTIVITIES IMPACTING OPERATION OF THE EXISTING 12" FORCE MAIN SHALL BE COORDINATED DIRECTLY WITH WWSD PRIOR TO COMMENCEMENT.

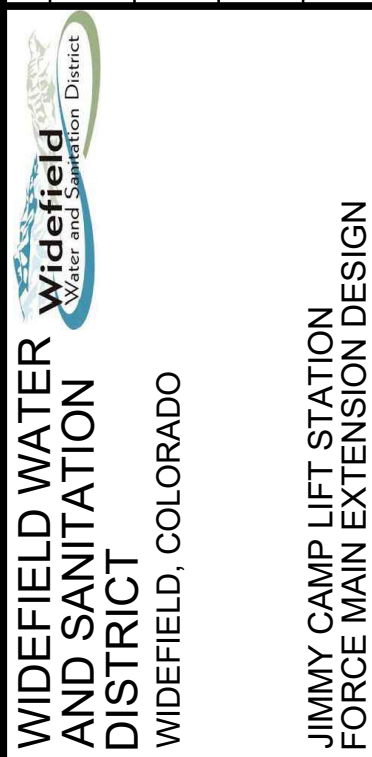


© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



Wesley Lopez
11/21/2025

BY	DESCRIPTION	DATE	REV.



PLAN AND PROFILE
(STA. 10+00 TO STA.
14+00)

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

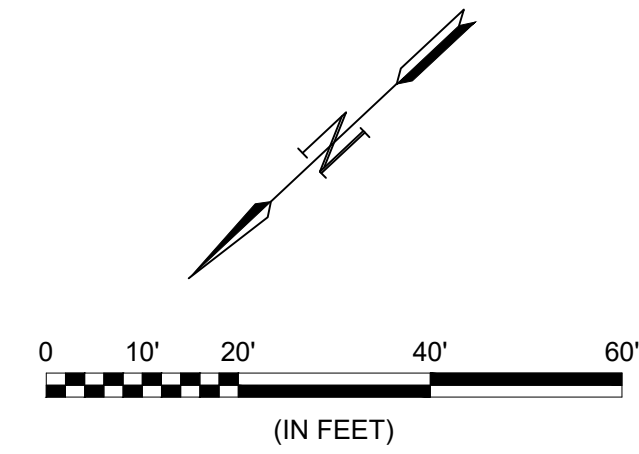
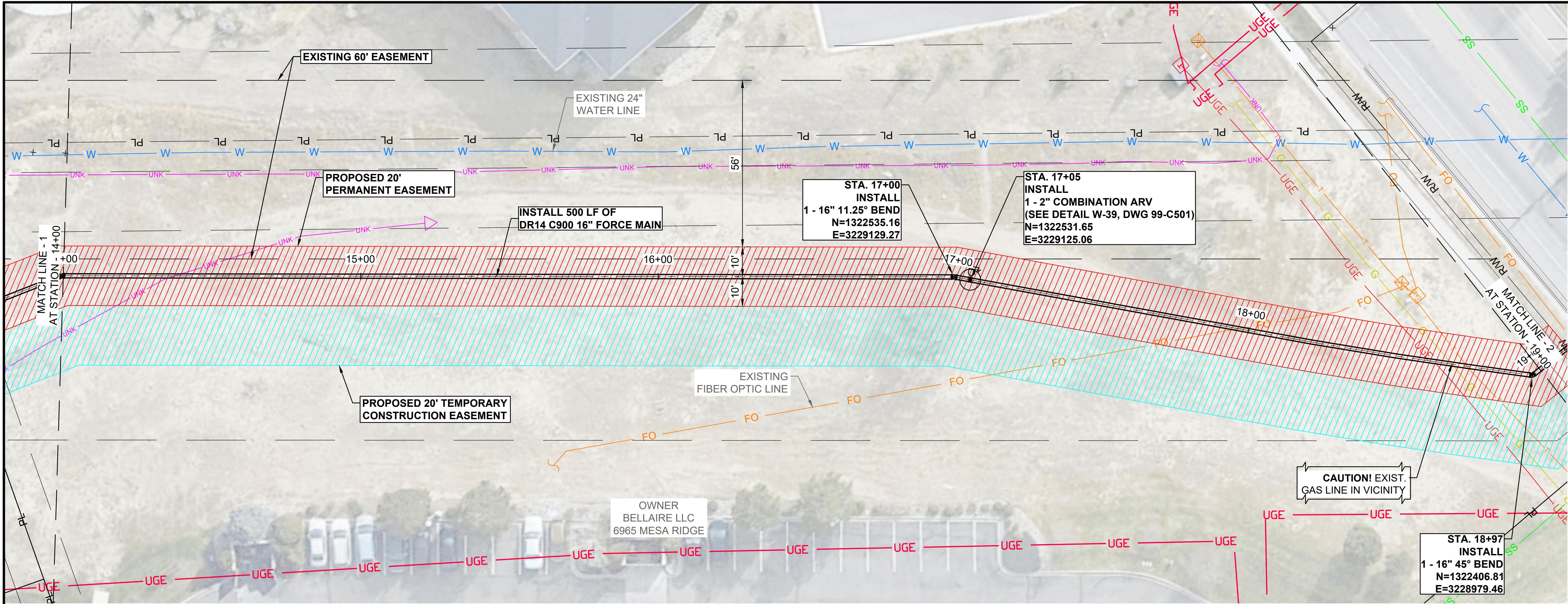
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

05-C301

SHEET
NUMBER **08**

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC FM-05-C302-PP.dwg Last Save: 11/21/2025 11:32 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 1/2"=4' Plot Date: 11/21/2025 2:05 PM Plotter Used: None



NOTES:

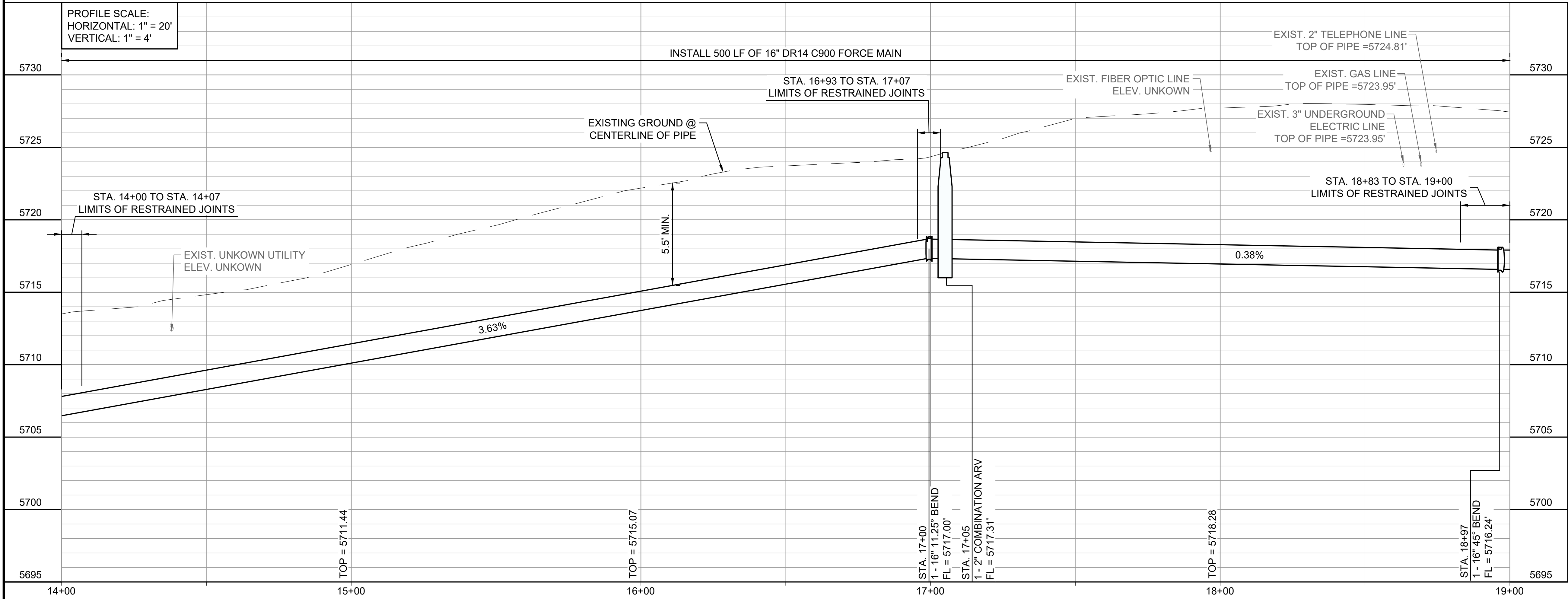
1. RECOVER GRADING AND SURFACE CONDITIONS.
2. UTILITIES ARE SHOWN ACCORDING TO THE AVAILABLE RECORD INFORMATION. LOCATE EXISTING WHICH ARE UNKNOWN PRIOR TO BEGINNING CONSTRUCTION.

GARVER

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

65534

11/21/2025



BY				
DESCRIPTION				
DATE				
REV.				

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 14+00 TO STA. 19+00)

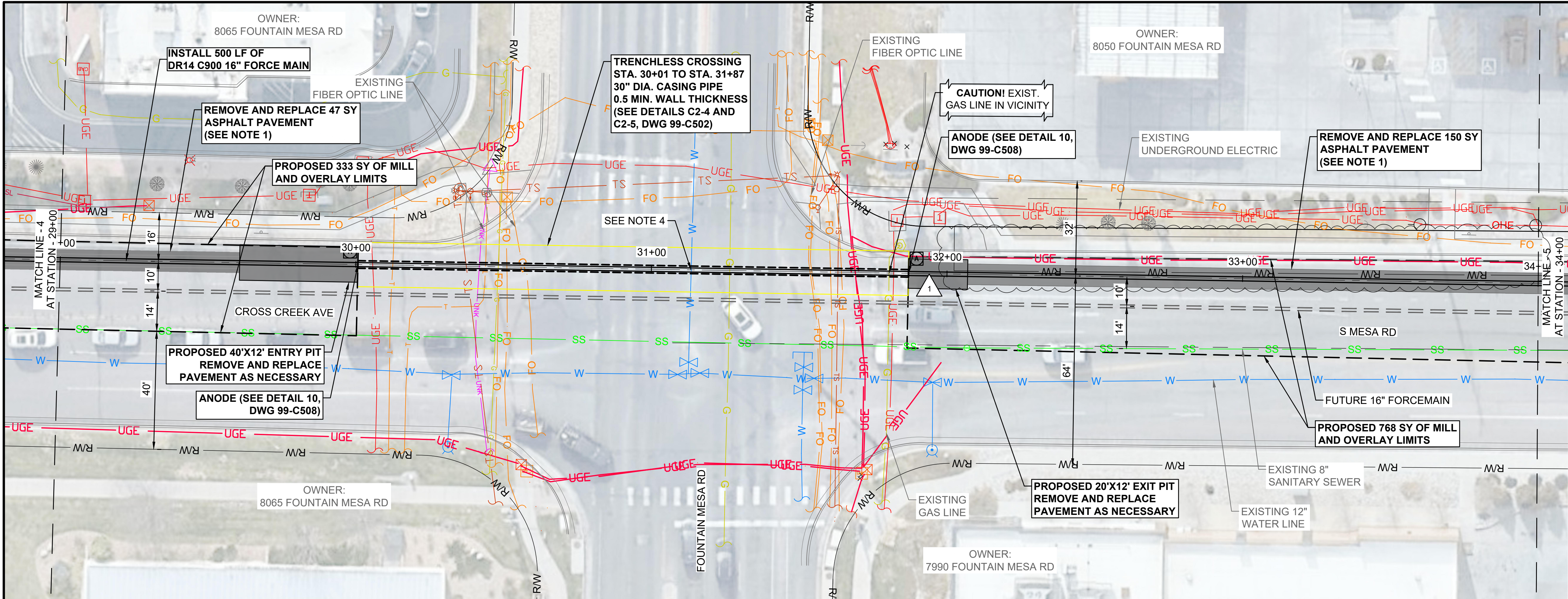
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C302

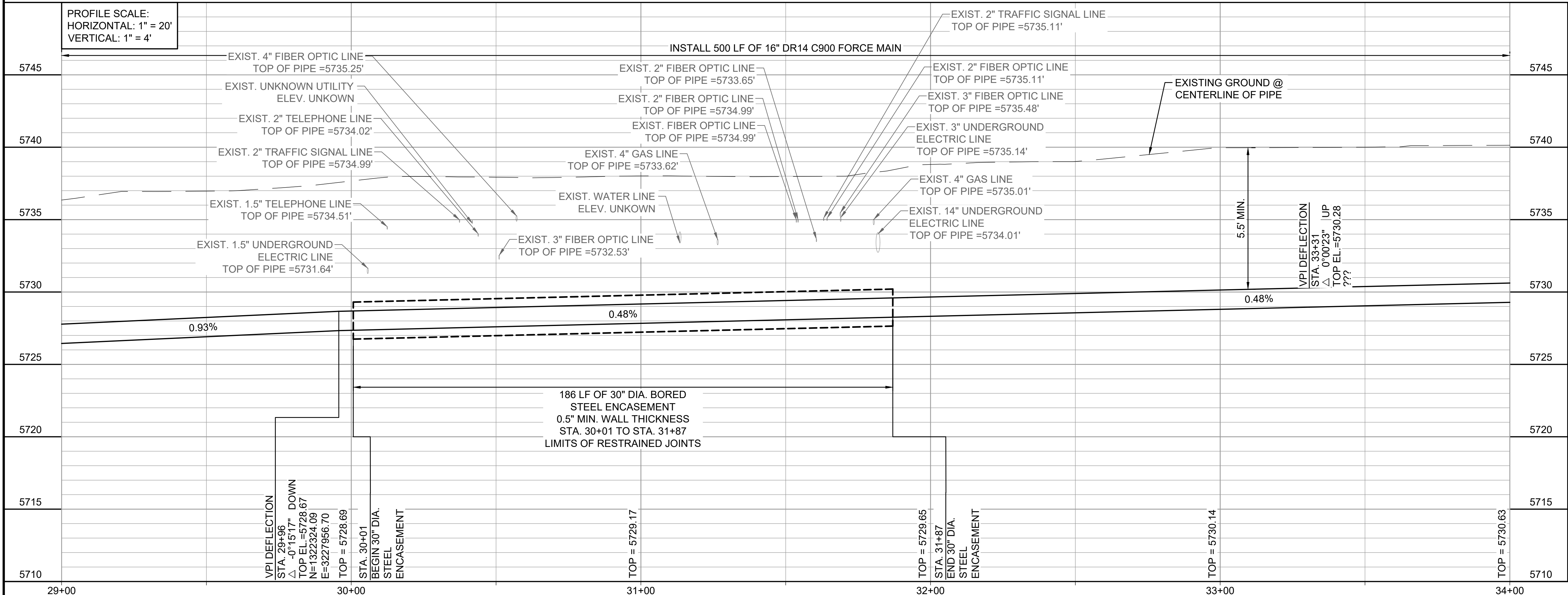
SHEET NUMBER
09

File: I:\2022\22w23080 - widefield.wsd jimmy.camp fm design\Drawings\WUC FM-05-C305-PP.dwg Last Save: 6/18/2026 8:49 AM Last saved by: KRBallin
Last plotted by: Ballin, Kelly R. Plot Style: AECmonochrome.ctb Plot Scale: 1/2"=50' Plot Date: 6/18/2026 8:55 AM Plotter used: None

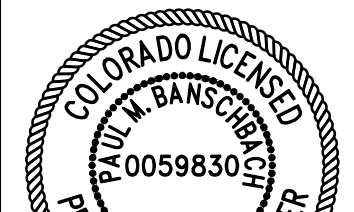


NOTES:

- FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.
- COORDINATE WITH OTHER'S PERFORMANCE OF RIGHT-OF-WAY AND LINE-OF-SITE IMPROVEMENTS ACCORDINGLY.
- EXISTING UTILITIES NOTED WITH A TOP OF PIPE ELEVATION WERE DISCOVERED VIA LEVEL A SUE. CONTRACTOR SHALL LOCATE UTILITIES NOTED AS UNKNOWN PRIOR TO BEGINNING EXCAVATION.
- CONTRACTOR TO POTHOLE AND VERIFY DEPTH OF WATER LINE, IF 2' VERTICAL CLEARANCE ISN'T MET, CONTRACTOR SHALL LOWER WATER LINE PER DETAIL ON DWG NO. 99-C509, COF DWG 20.



© 2026 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



06/18/2026

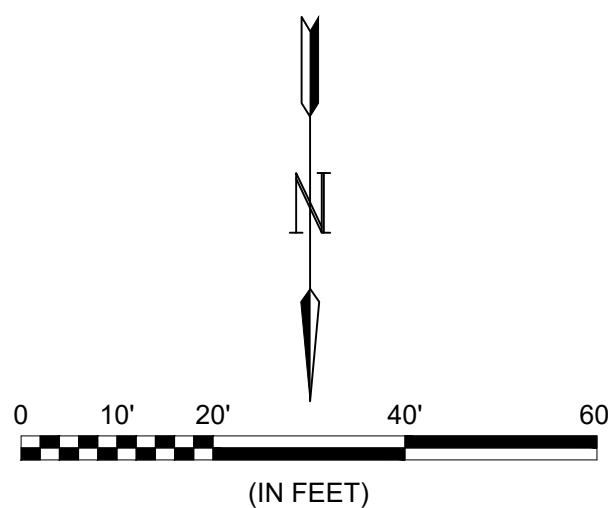
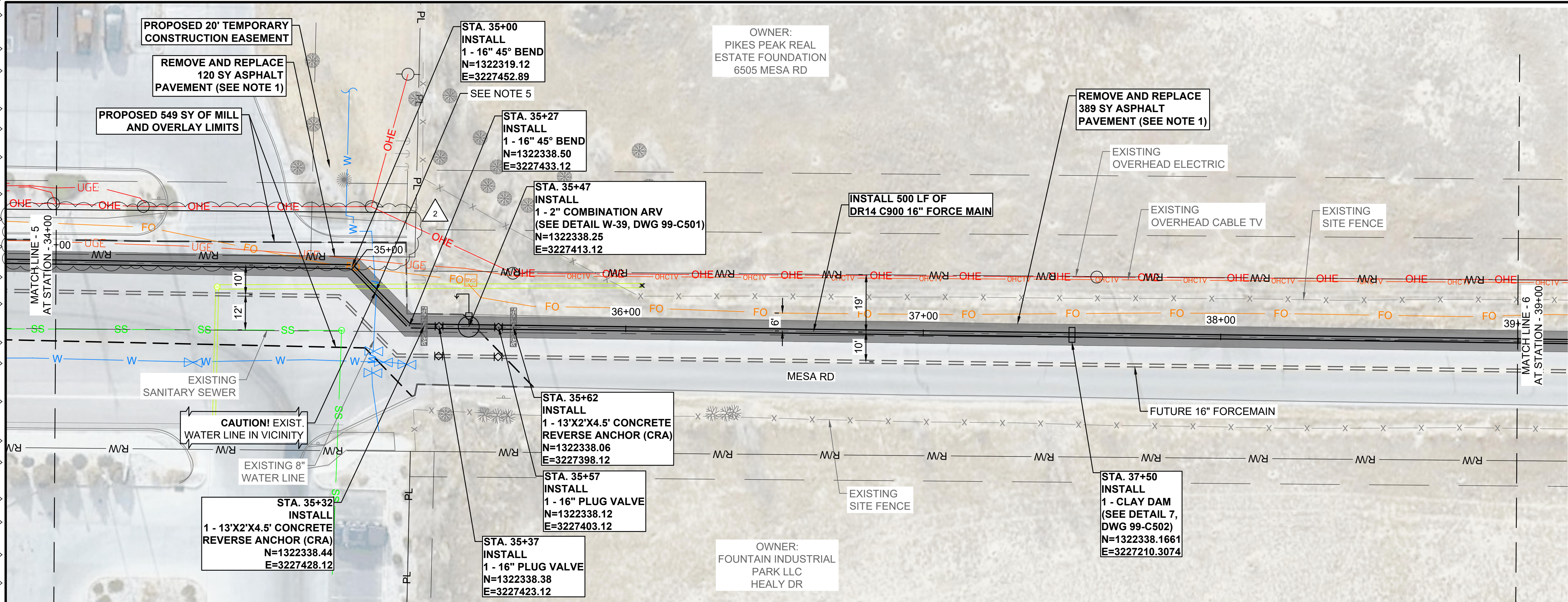
BY	SSS
DESCRIPTION	EASEMENT UPDATE
DATE	06/18/26
REV.	1

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO
JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 29+00 TO STA. 34+00)

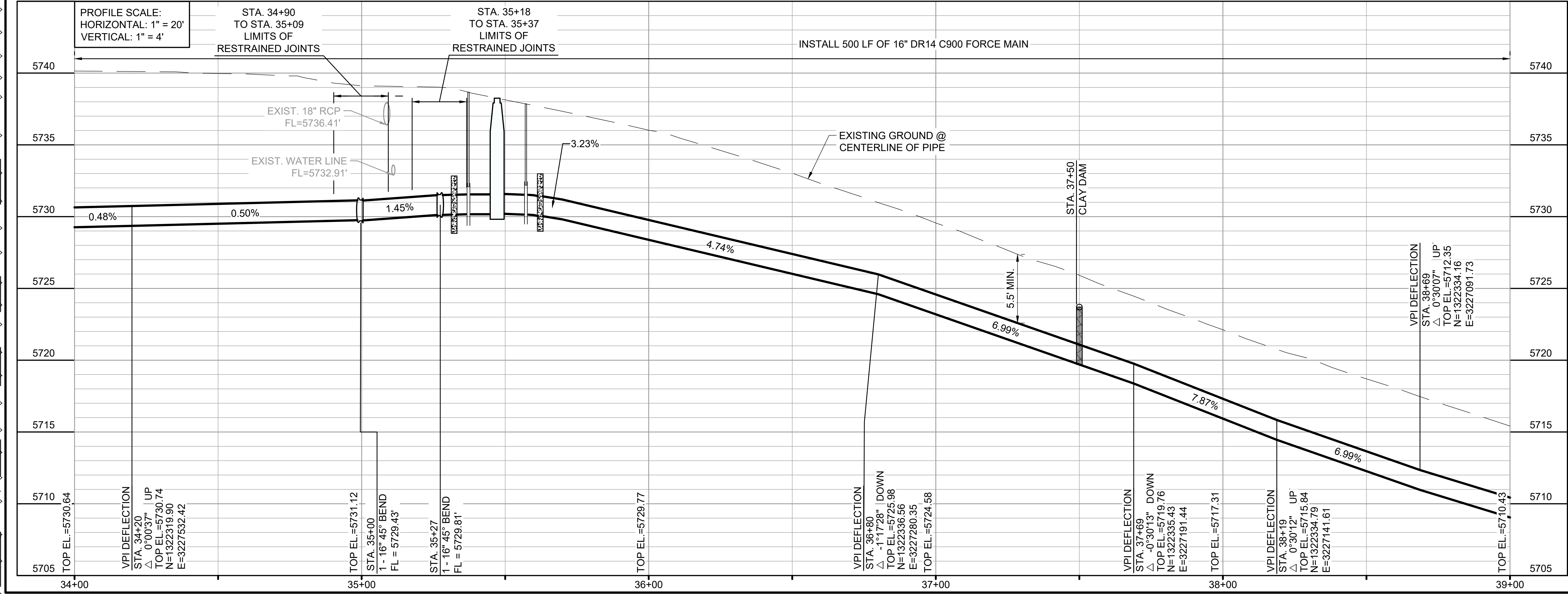
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
05-C305
SHEET NUMBER
12



- NOTES:
1. FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.
 2. UNLESS INDICATED OTHERWISE, FENCE ALONG MESA RD MAY BE REMOVED AND REINSTALLED FOR ACCESS TO EXISTING EASEMENT AT NO ADDITIONAL COST TO THE OWNER.
 3. RESTORE AND RECOVER TO MATCH EXISTING CONDITIONS.
 4. COORDINATE WITH OTHER'S PERFORMANCE OF RIGHT-OF-WAY AND LINE-OF-SITE IMPROVEMENTS ACCORDINGLY.
 5. CONTRACTOR TO POTHOLE AND VERIFY DEPTH OF WATER LINE, IF 2' VERTICAL CLEARANCE ISN'T MET, CONTRACTOR SHALL LOWER WATER LINE PER DETAIL ON DWG NO. 99-C509, COF DWG 20.

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 34+00 TO STA. 39+00)

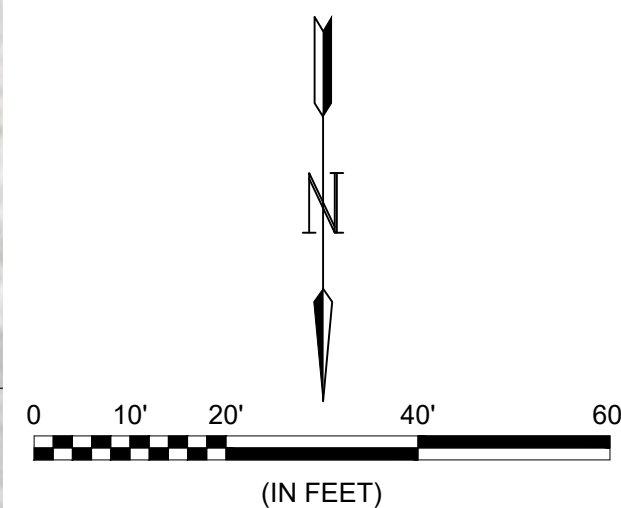
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWV
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

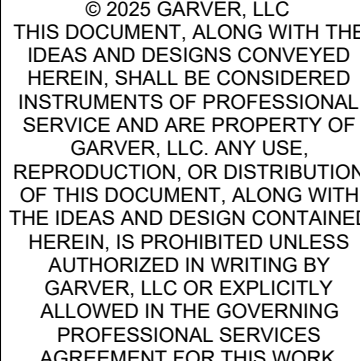
DRAWING NUMBER
05-C306

SHEET NUMBER
13

File: I:\2022\22W23080 - Widefield.wsd jimmy_camp_fm_design\Drawings\WUC-FM-05-C306-PP.dwg Last Save: 6/18/2026 8:49 AM Last saved by: KRBallin
Last plotted by: Ballin, K Plot Date: 6/18/2026 4:36 AM Plotter used: None
Plot Style: AEC.ctb Plot Scale: 1/2"=50'-0" Plot Size: A



- NOTES:**
1. RESTORE AND RECOVER TO MATCH EXISTING CONDITIONS.
 2. COORDINATE WITH OTHER'S PERFORMANCE OF RIGHT-OF-WAY AND LINE-OF-SITE IMPROVEMENTS ACCORDINGLY.



EV.	DATE	DESCRIPTION	BY
1	03/23/26	ALIGNMENT CHANGE	SSS



JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 39+00 TO STA.
44+00)

JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

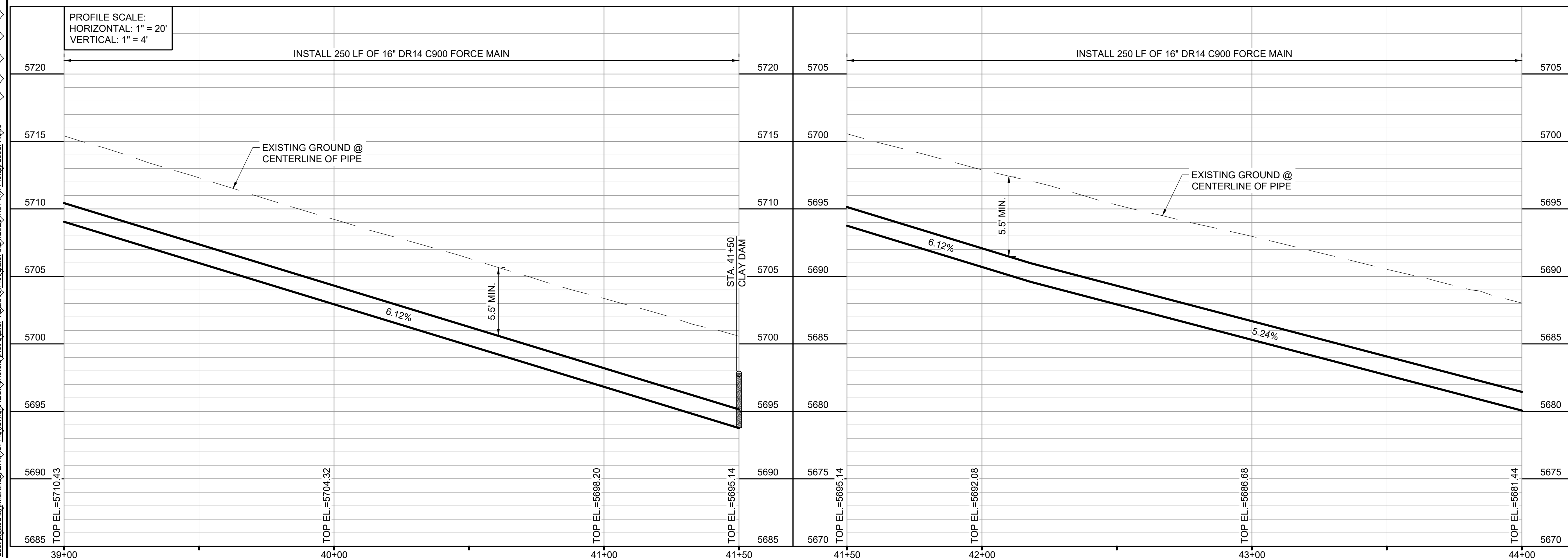
BAR IS ONE INCH ON
ORIGINAL DRAWING

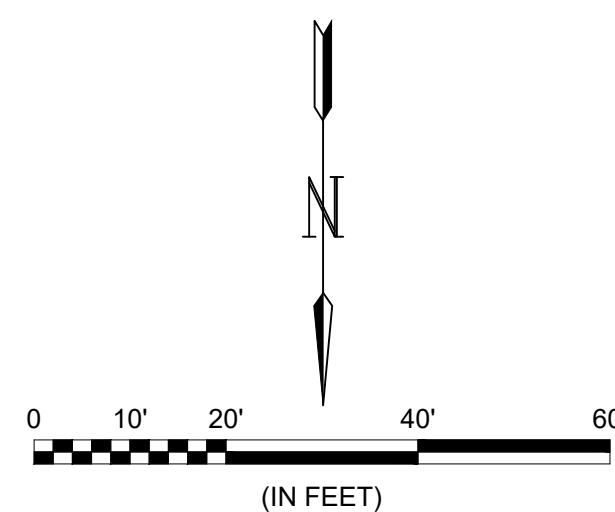
0 1"

DRAWING NUMBER

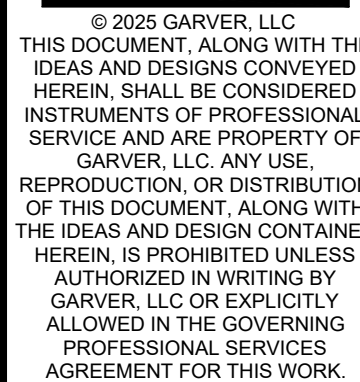
05-C307

SHEET
NUMBER **14**





- ## NOTES:
1. FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.
 2. RESTORE AND RECOVER TO MATCH EXISTING CONDITIONS.
 3. COORDINATE WITH OTHER'S PERFORMANCE OF RIGHT-OF-WAY AND LINE-OF-SITE IMPROVEMENTS ACCORDINGLY.



REV.	DATE	DESCRIPTION	BY
1	03/23/26	ALIGNMENT CHANGE	SSS

**WIDEFIELD WATER
AND SANITATION
DISTRICT**
WIDEFIELD, COLORADO

PLAN AND PROFILE
(STA. 44+00 TO STA.
49+00)

JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

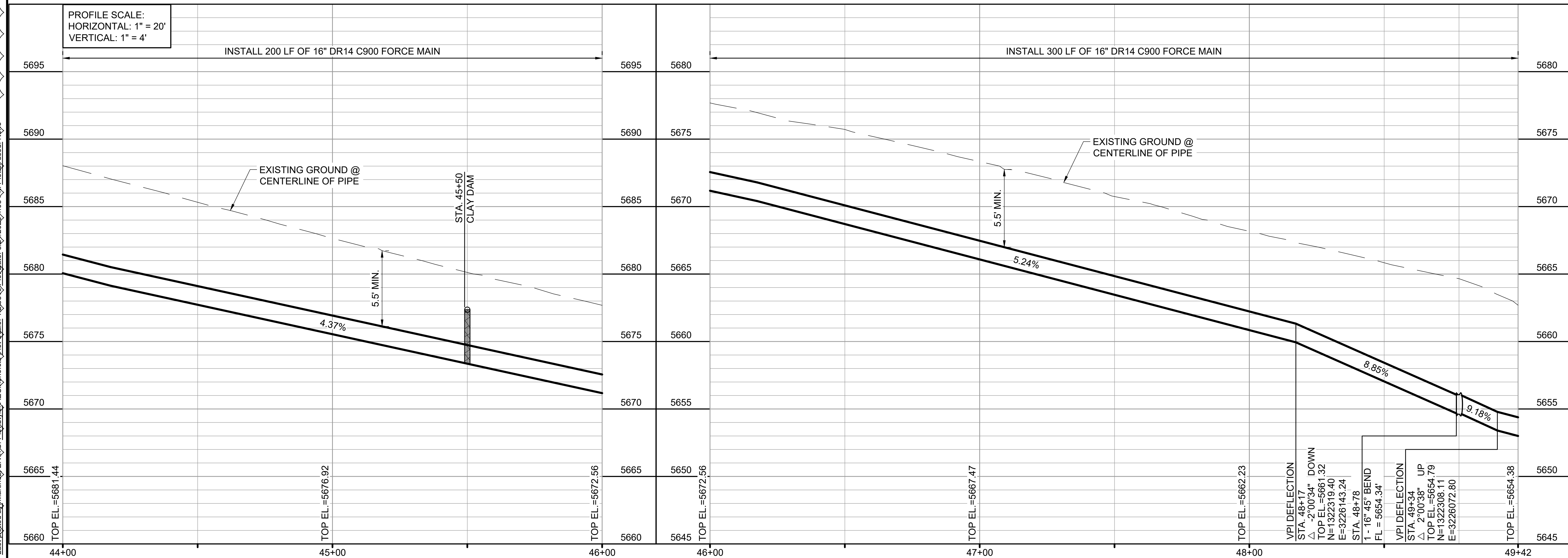
BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1"

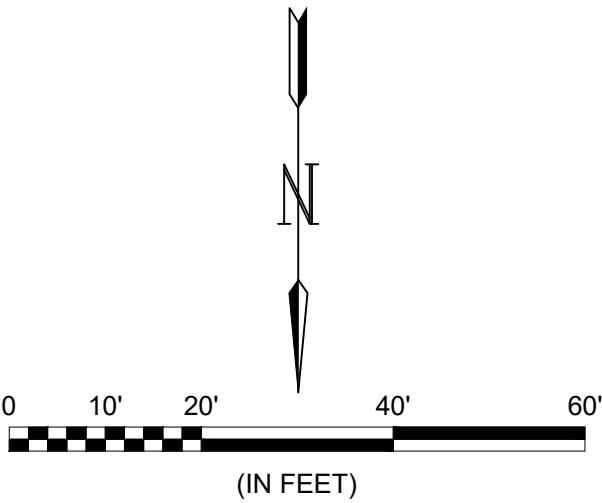
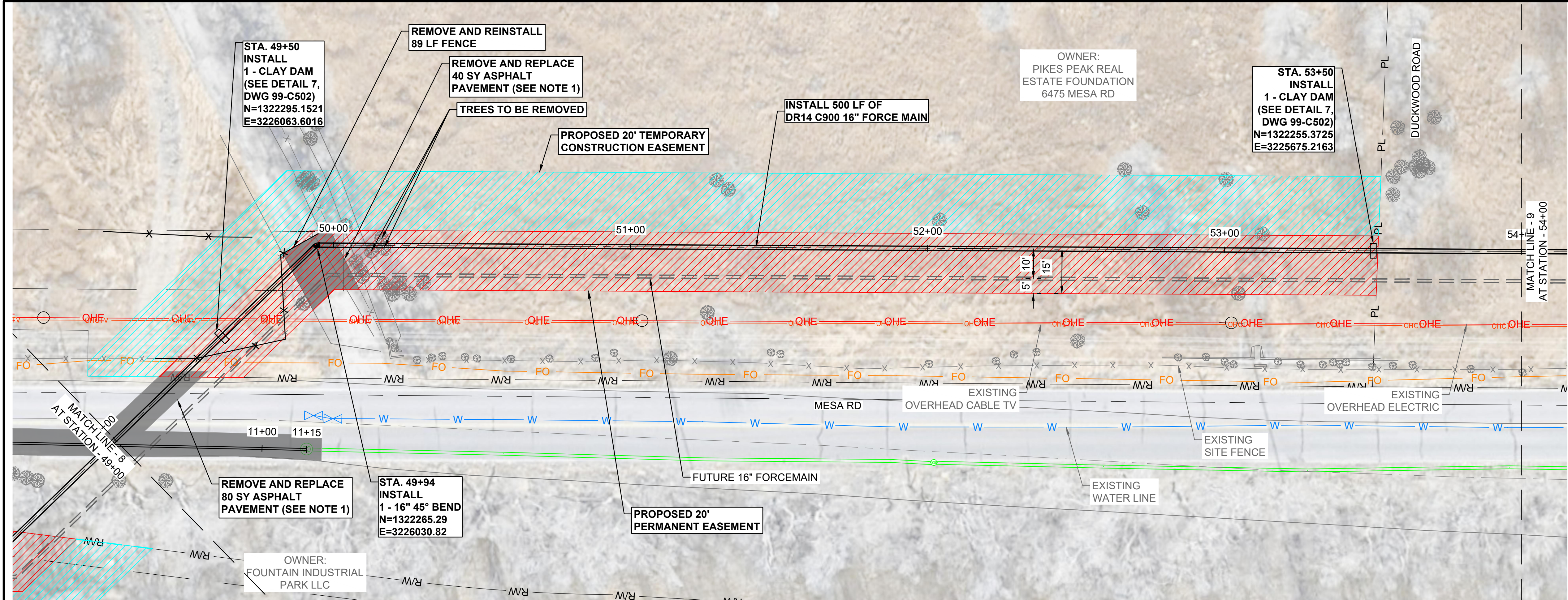
DRAWING NUMBER

05-C308

SHEET
NUMBER **15**



File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\W-C309-PP.dwg Last Save: 11/21/2025 11:48 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Scale: 1/2"=40' Plot Date: 11/21/2025 2:12 PM Plotter used: None

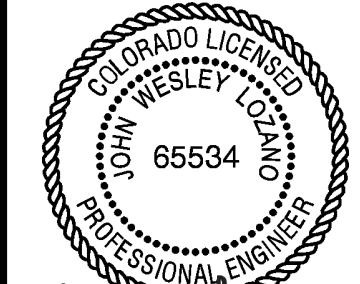


NOTES:

1. FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.
2. UNLESS INDICATED OTHERWISE, FENCE ALONG MESA RD MAY BE REMOVED AND REINSTALLED FOR ACCESS TO EXISTING EASEMENT AT NO ADDITIONAL COST TO THE OWNER.
3. RESTORE AND RECOVER TO MATCH EXISTING CONDITIONS.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



Wesley Lopez
11/21/2025

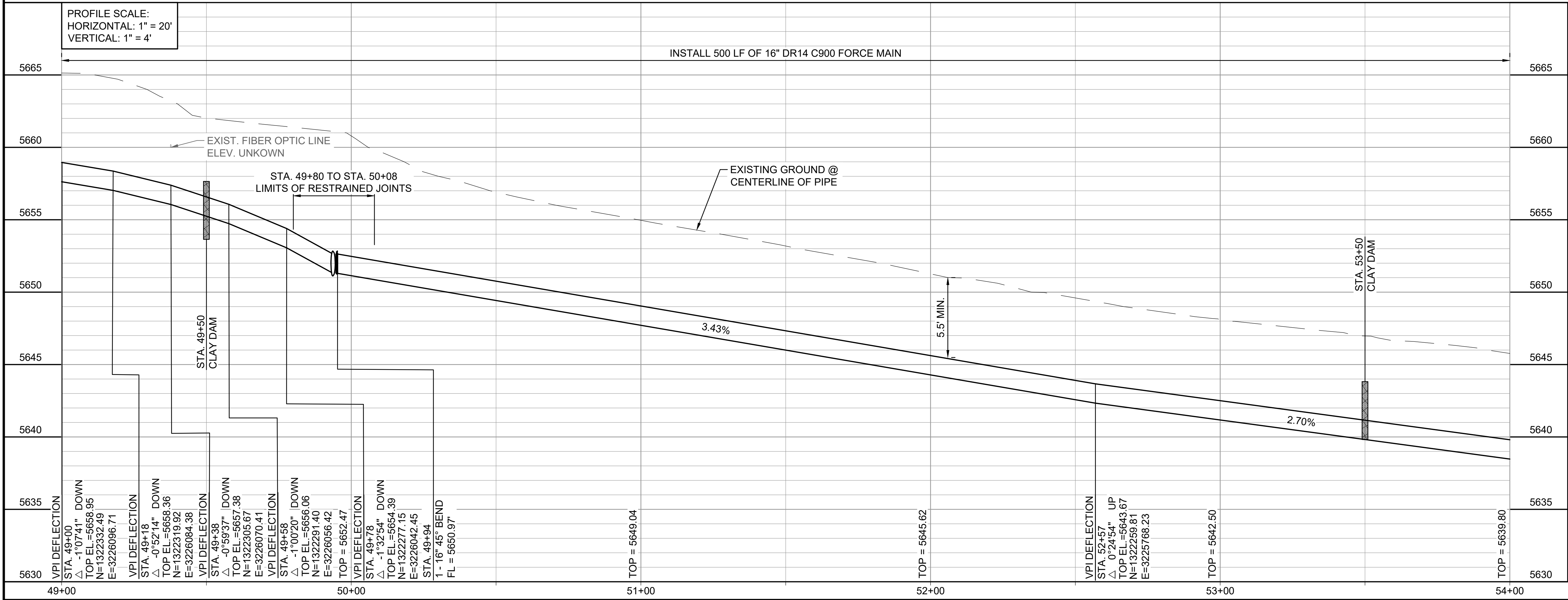
REV.	DATE	DESCRIPTION	BY

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO
JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

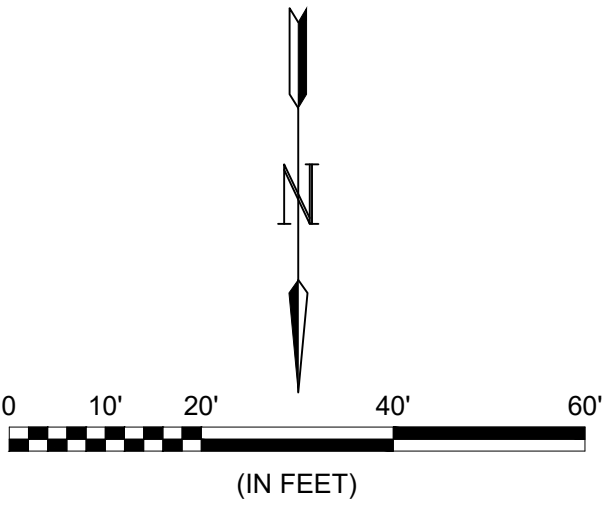
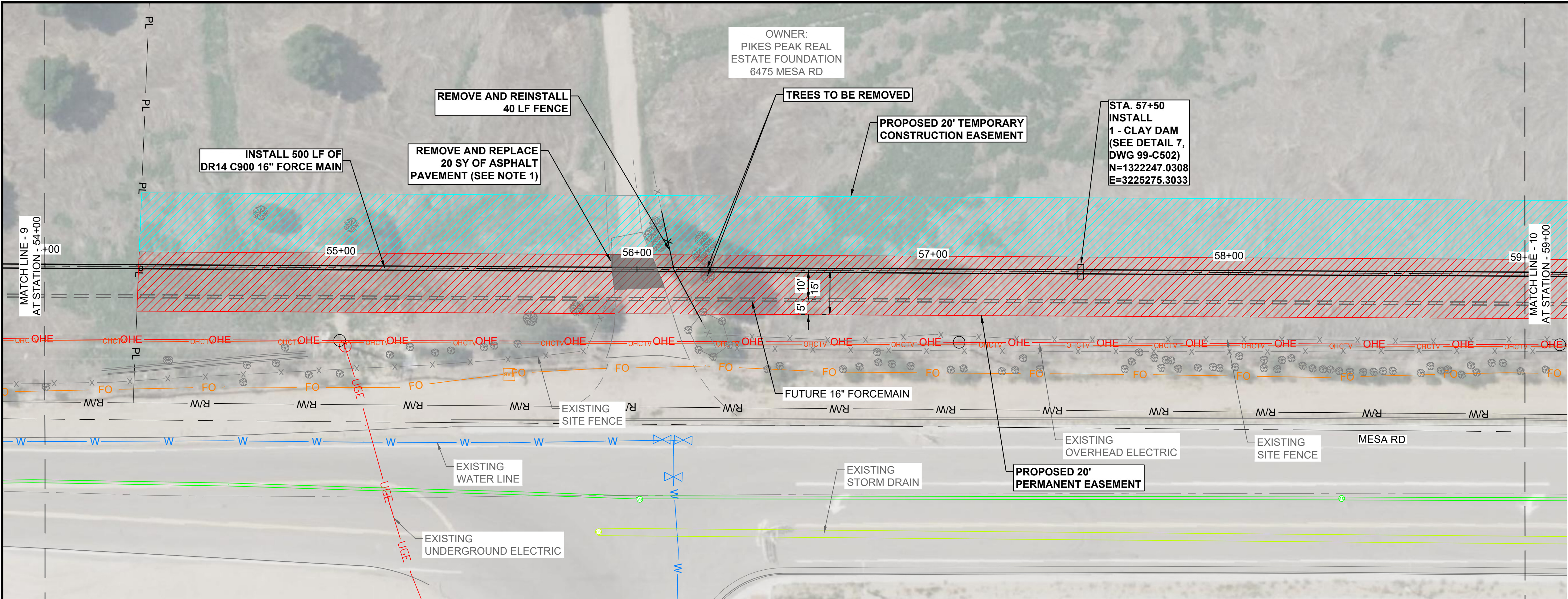
PLAN AND PROFILE
(STA. 49+00 TO STA. 54+00)

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JW/L
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
05-C309
SHEET NUMBER
16

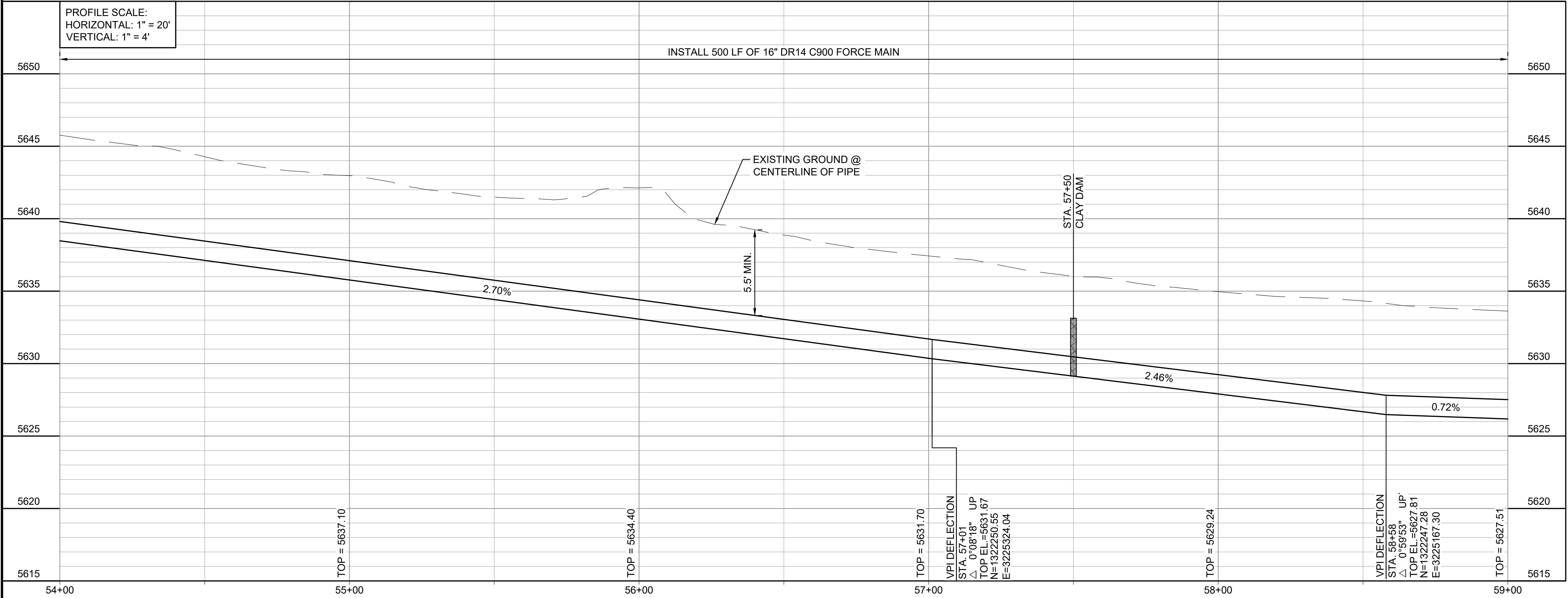


File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC FM-05-C310-PP.dwg Last Save: 11/21/2025 11:49 AM Last saved by: FJChavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 1:2.5849 Plot Date: 11/21/2025 2:13 PM Plotter Used: None



NOTES:

1. FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.



GARVER

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

11/21/2025

REV.	DATE	DESCRIPTION	BY

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 54+00 TO STA. 59+00)

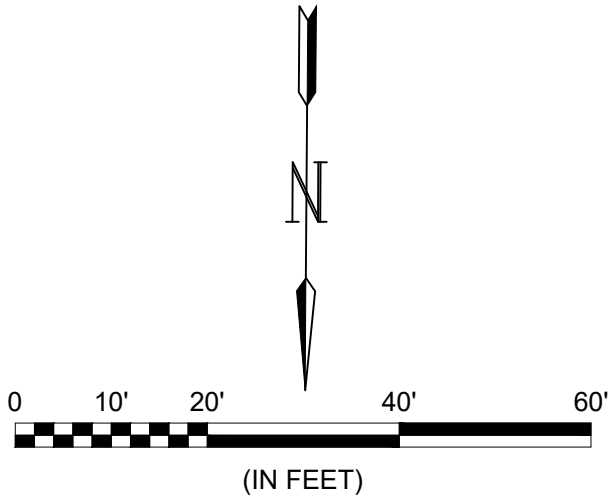
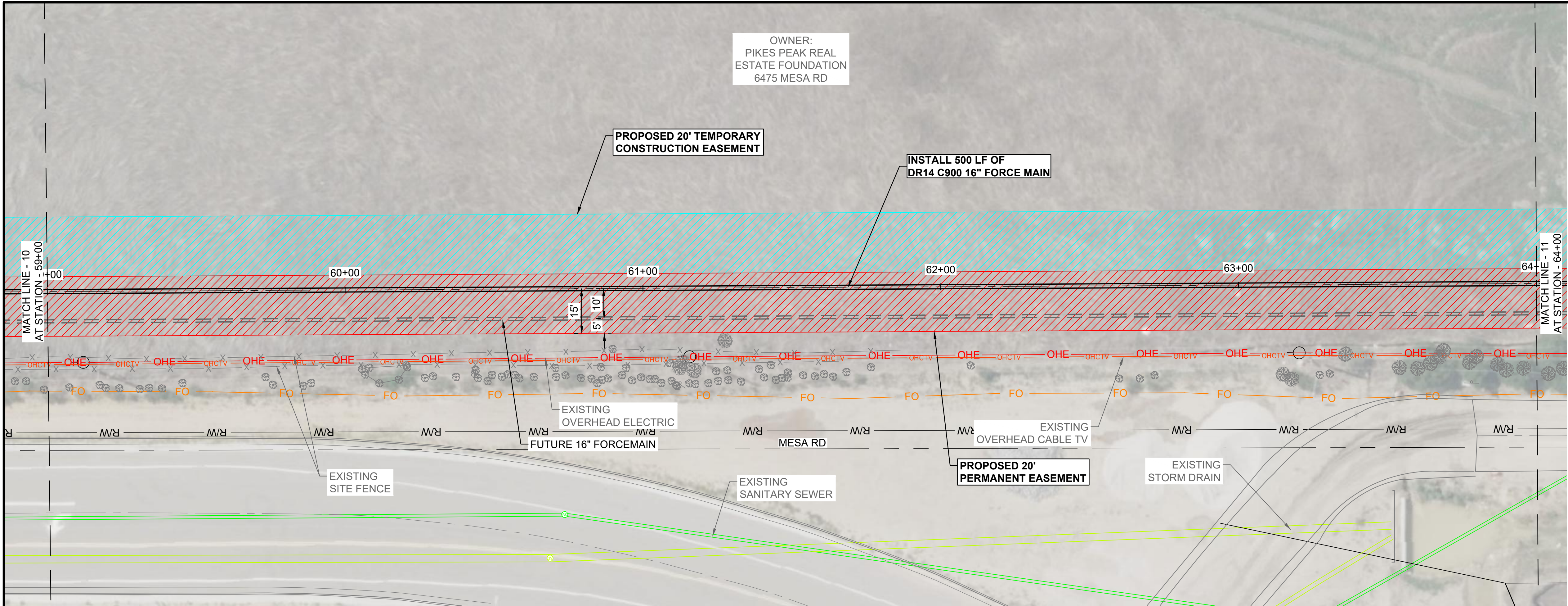
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

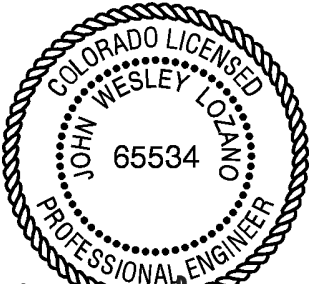
DRAWING NUMBER
05-C310

SHEET NUMBER
17

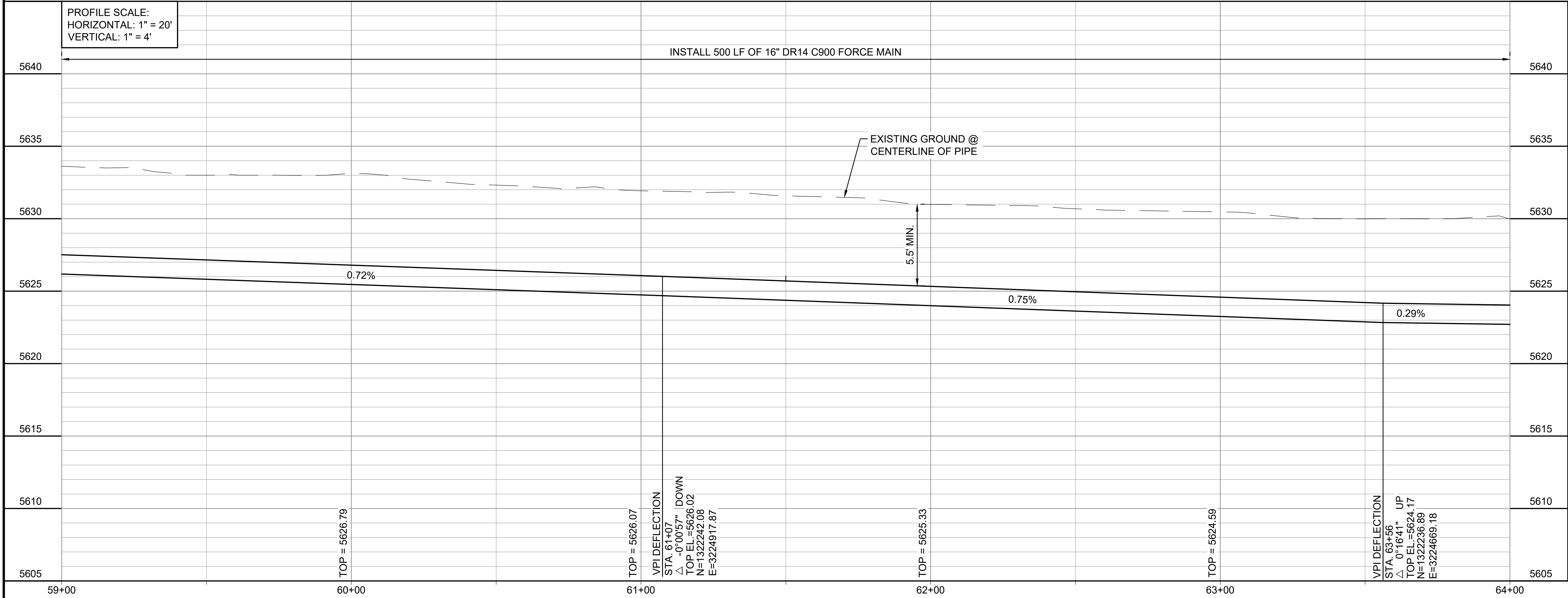
File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\W-C-FM-05-C311-PP.dwg Last Save: 11/21/2025 11:49 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Scale: 1/2"=50' Plot Date: 11/21/2025 2:15 PM Plotter Used: None



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



11/21/2025



REV.	DATE	DESCRIPTION	BY

WIDEFIELD WATER
AND SANITATION
DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

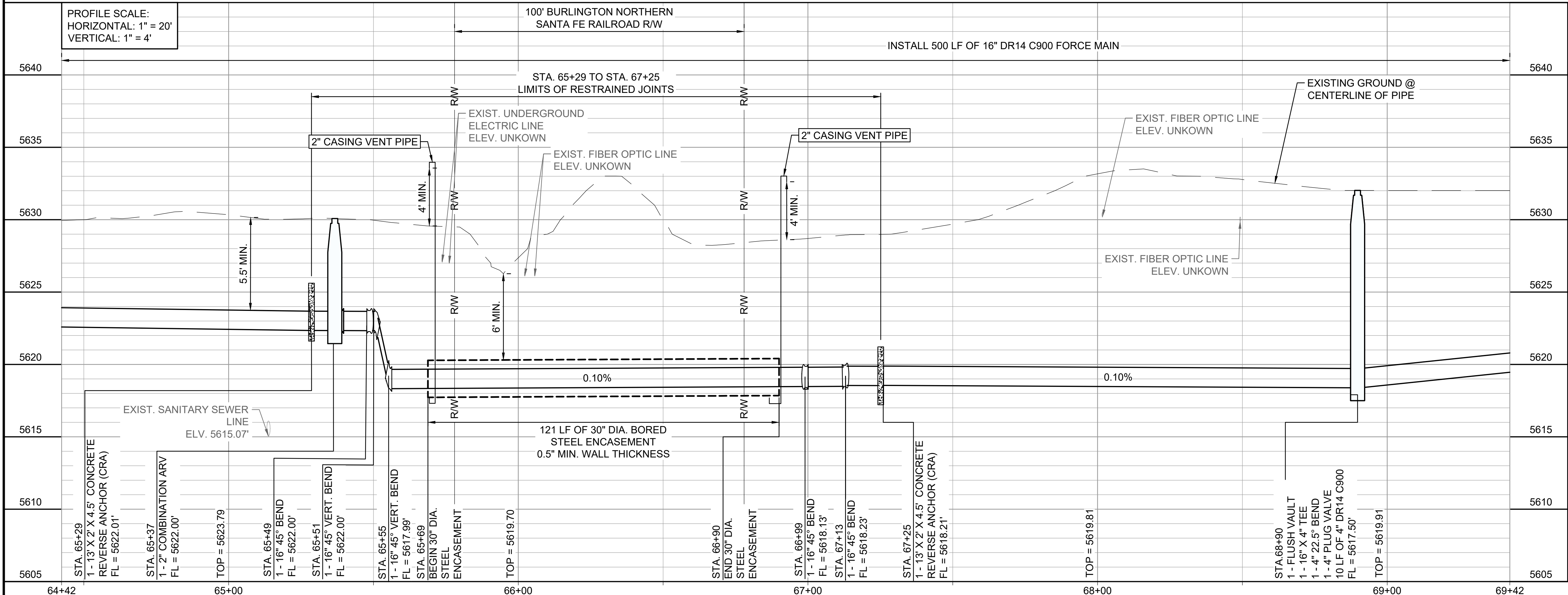
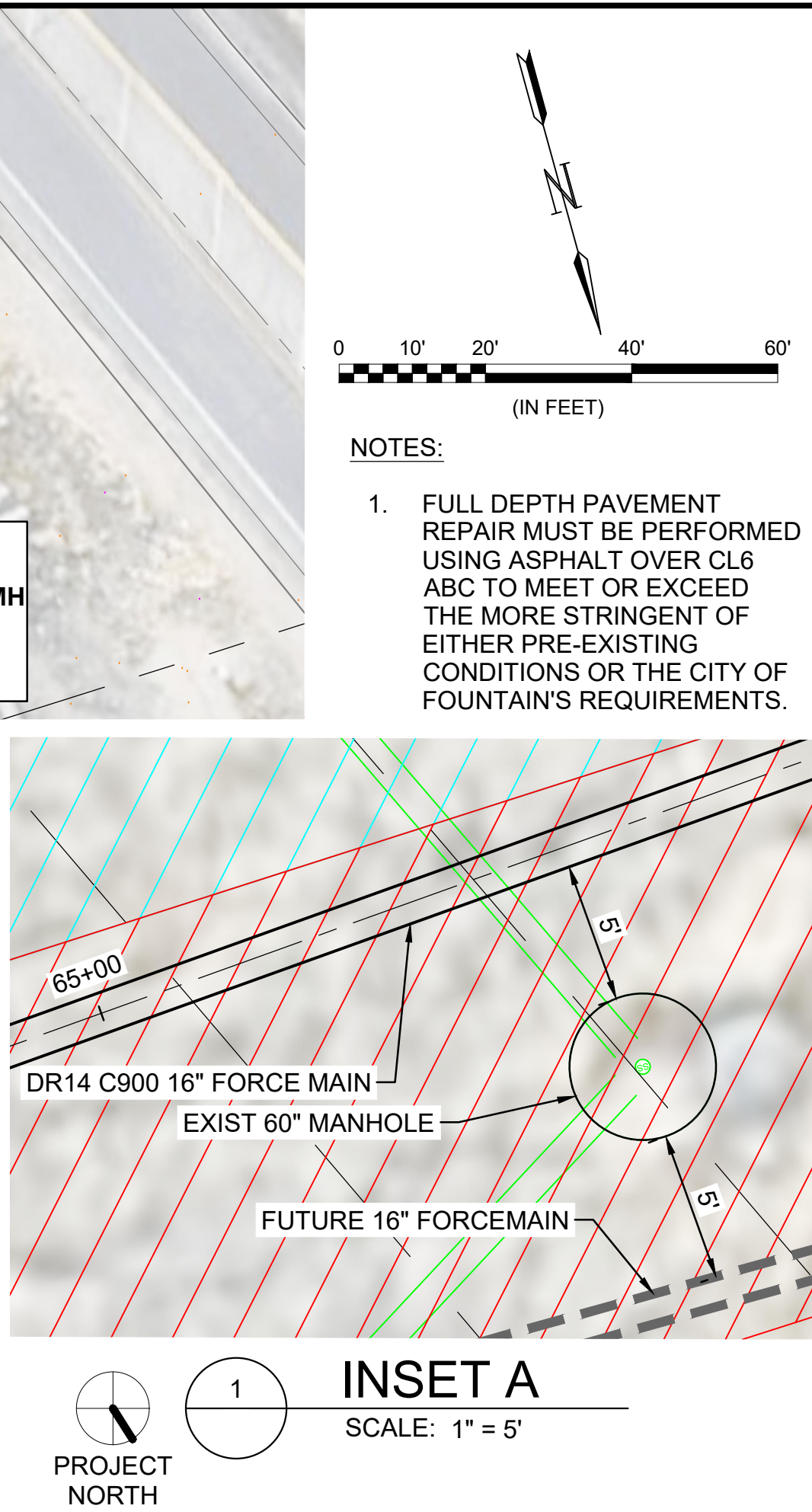
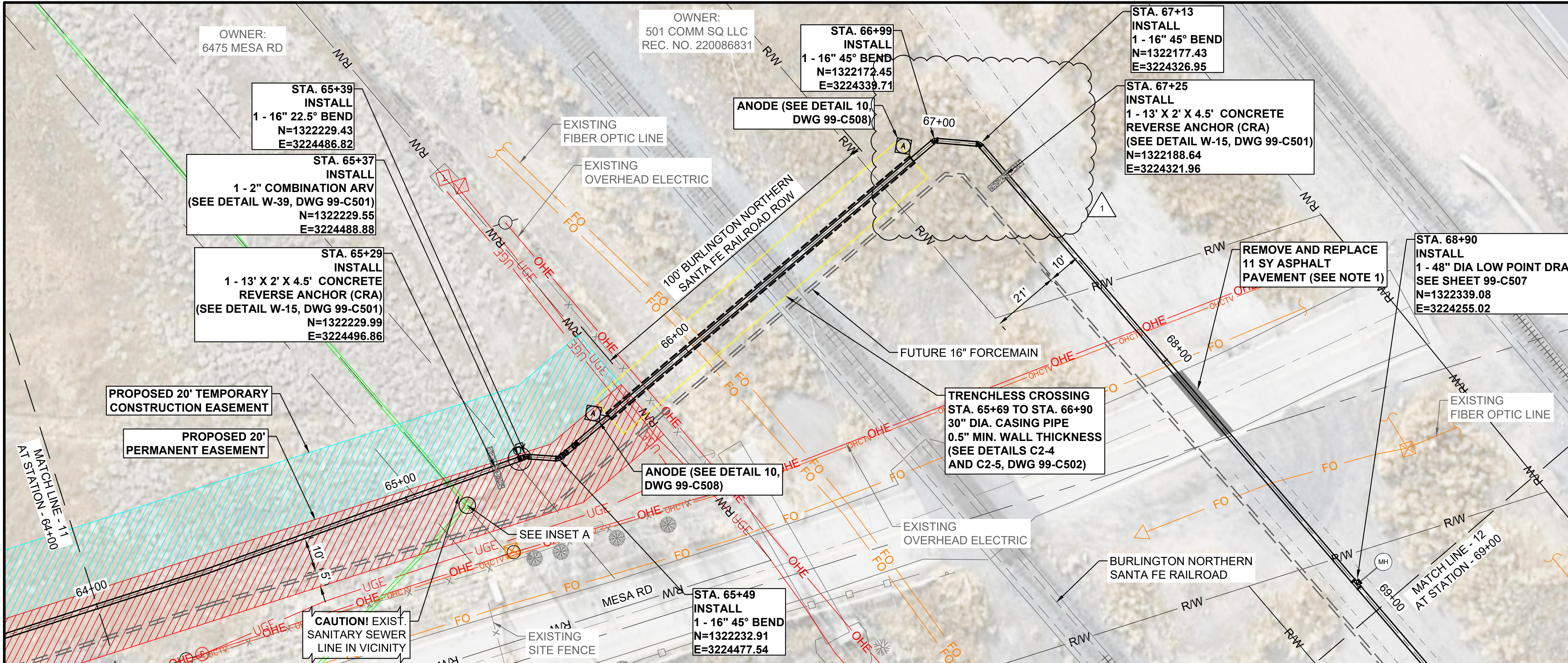
PLAN AND PROFILE
(STA. 59+00 TO STA.
64+00)

JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C311
SHEET
NUMBER **18**

File: L:\2022\22W23080 - widefield.wsd jimmy camp fm design\Drawings\WUC FM-05-C312-PP.dwg, Last Save: 6/18/2026 1:17 PM Last saved by: KRBallin
Last plotted by: Ballin, Kelly R, Plot Style: AECmono.ctb Plot Date: 6/18/2026 1:54 PM Plotter used: None



- NOTES:
- FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED USING ASPHALT OVER CL6 ABC TO MEET OR EXCEED THE MORE STRINGENT OF EITHER PRE-EXISTING CONDITIONS OR THE CITY OF FOUNTAIN'S REQUIREMENTS.

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

06/18/2026

BY	SSS		
DESCRIPTION	EASEMENT UPDATE		
DATE	06/18/26		
REV.	1		

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 64+00 TO STA. 69+00)

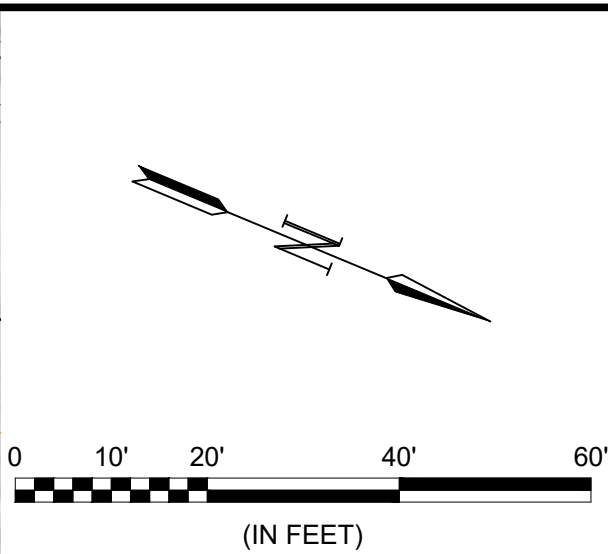
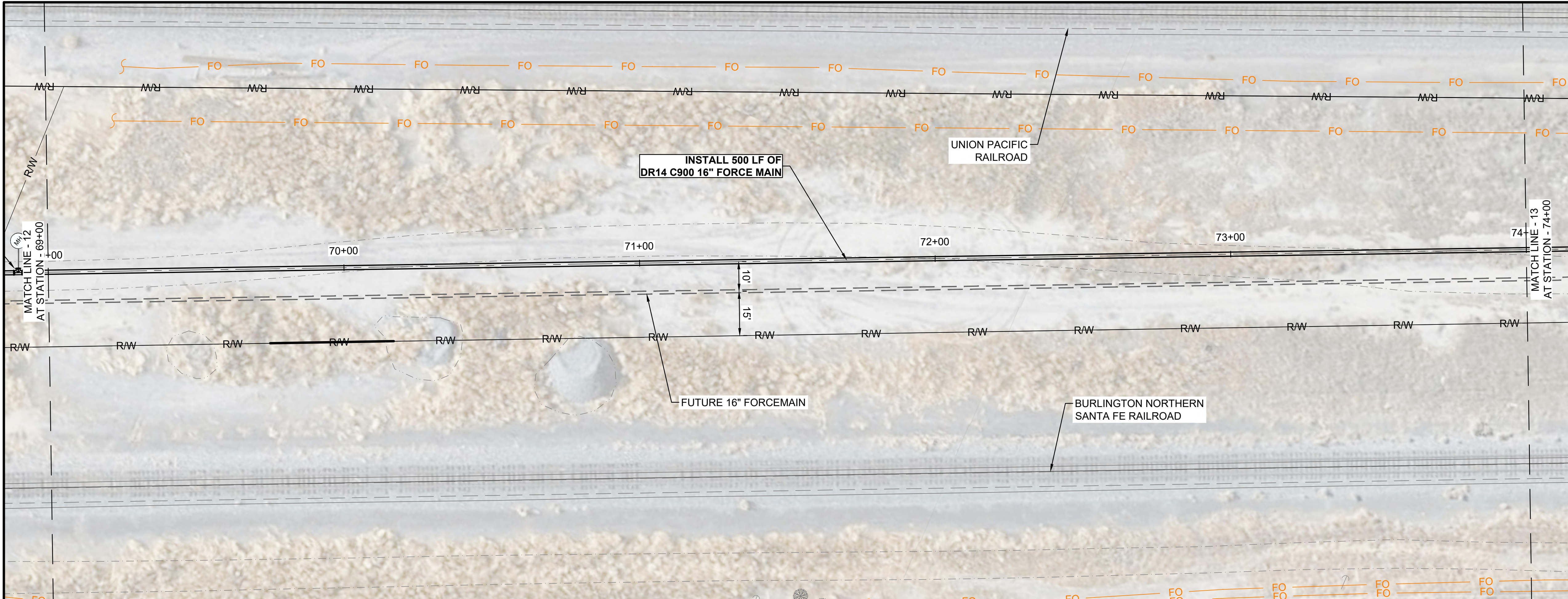
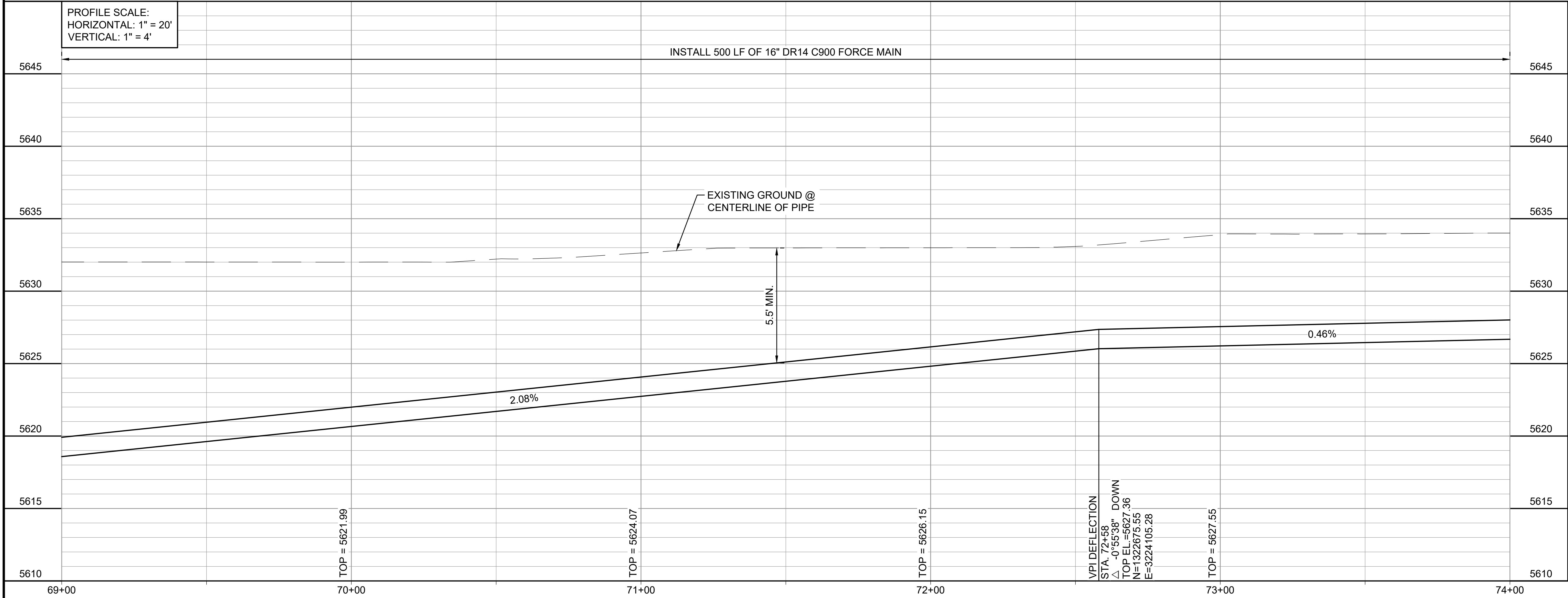
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C312

SHEET NUMBER
19

File: L:\2022\22W23080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WIC FM-05-C313-PP.dwg Last Save: 11/21/2025 11:51 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECnono.ctb Plot Scale: 1/2"=50' Plot Date: 11/21/2025 2:17 PM Plotter Used: None



GARVER

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

65534

11/21/2025

REV.	DATE	DESCRIPTION	BY

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 69+00 TO STA. 74+00)

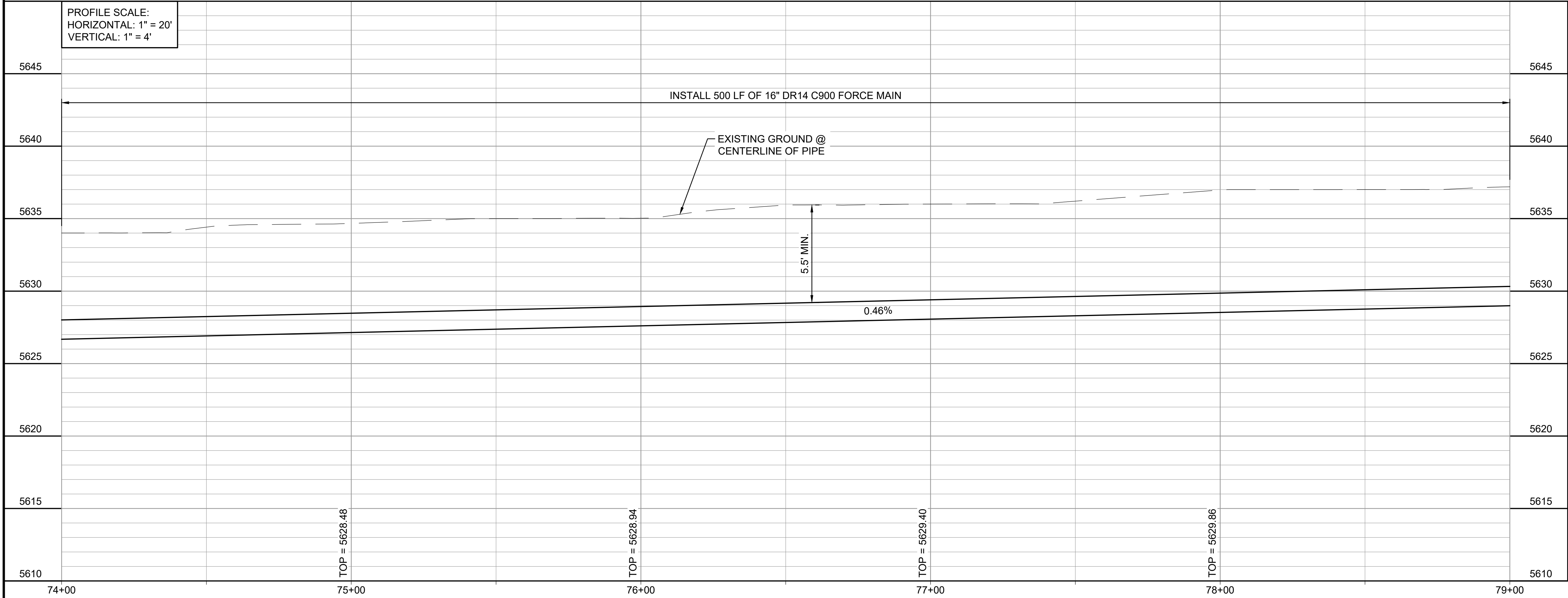
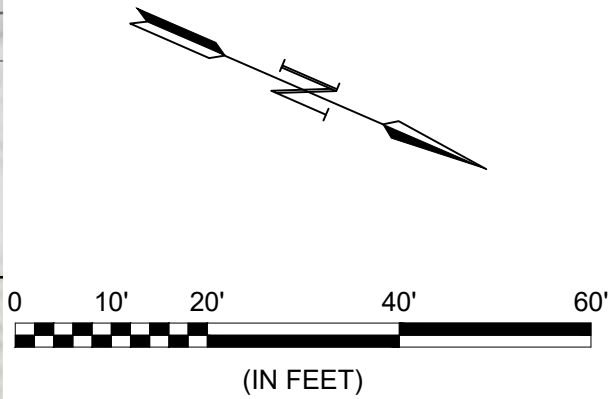
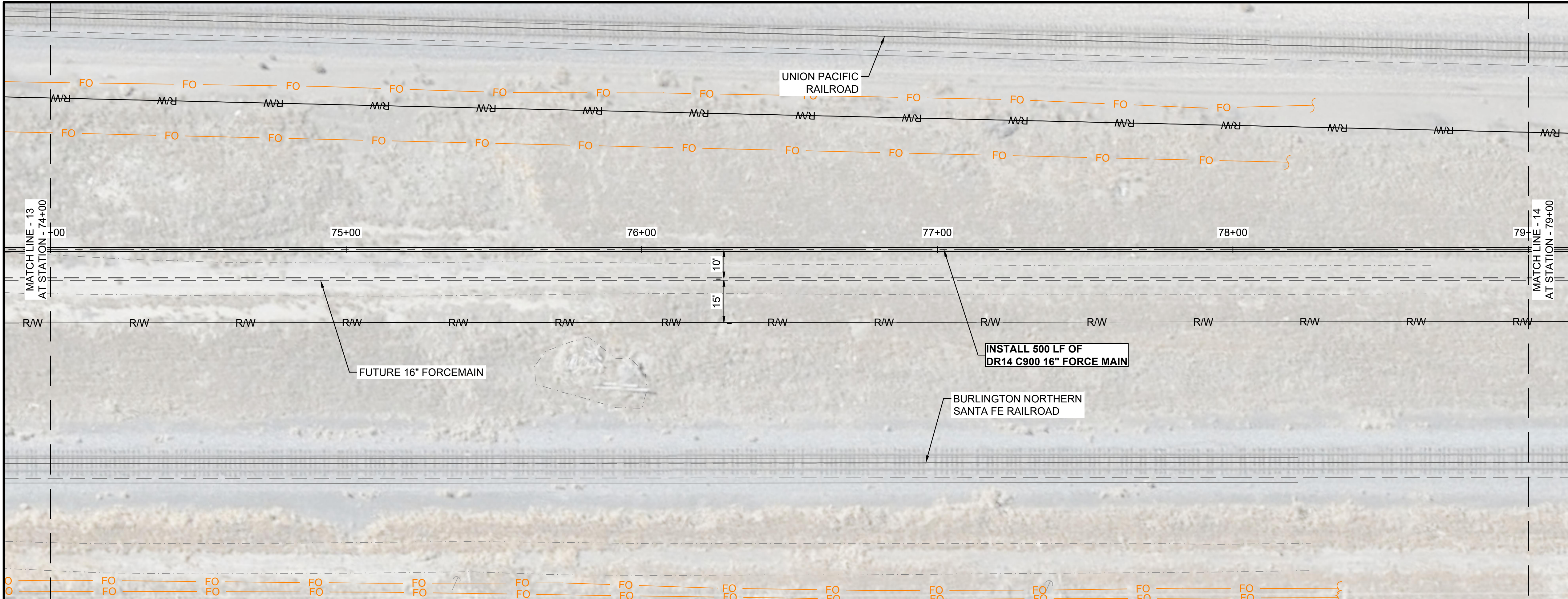
JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C313

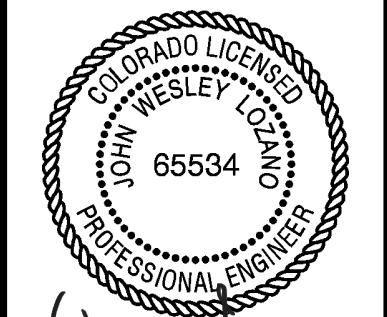
SHEET NUMBER
20

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WC FM-05-C314-PP.dwg Last Save: 11/21/2025 11:47 AM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECOnono.ctb Plot Scale: 1/2"=5649 Plot Date: 11/21/2025 2:19 PM Plotter Used: None





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

REV.	DATE	DESCRIPTION	BY



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 74+00 TO STA. 79+00)

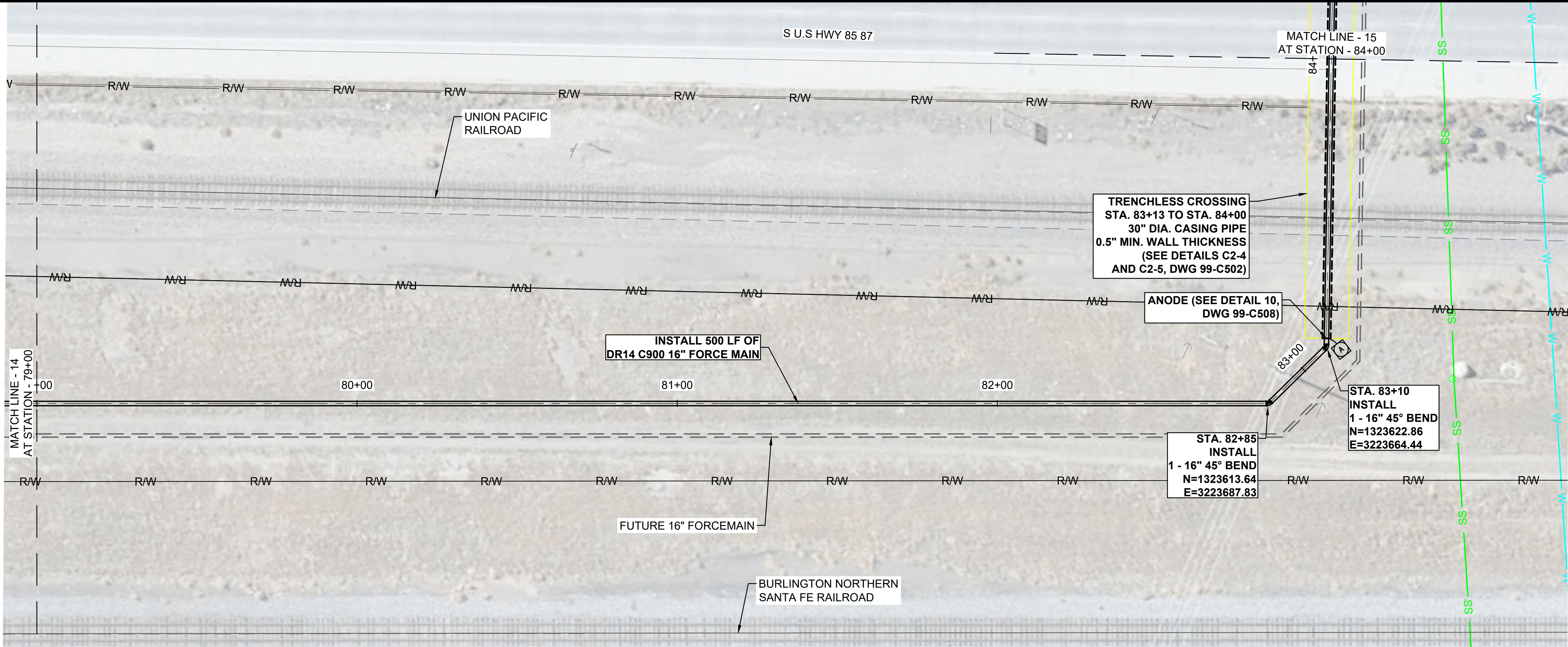
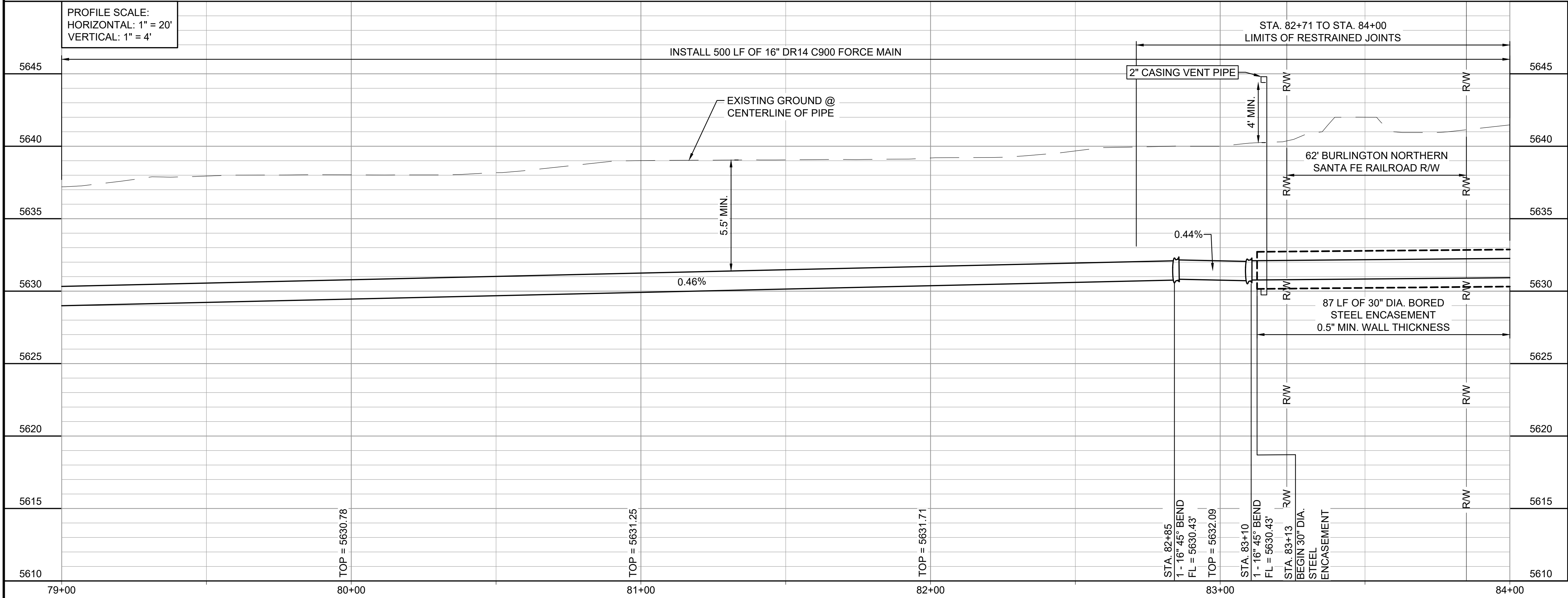
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

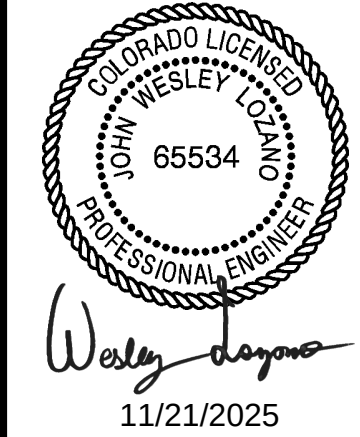
DRAWING NUMBER
05-C314

SHEET NUMBER
21

File: L:\2022\22W23080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WAC FM-05-C315-PP.dwg Last Save: 11/21/2025 1:02 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Scale: 1/2"=5649' Plot Date: 11/21/2025 2:20 PM Plotter Used: None



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



BY				
DESCRIPTION				
DATE				
REV.				

WIDEFIELD WATER
AND SANITATION
DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

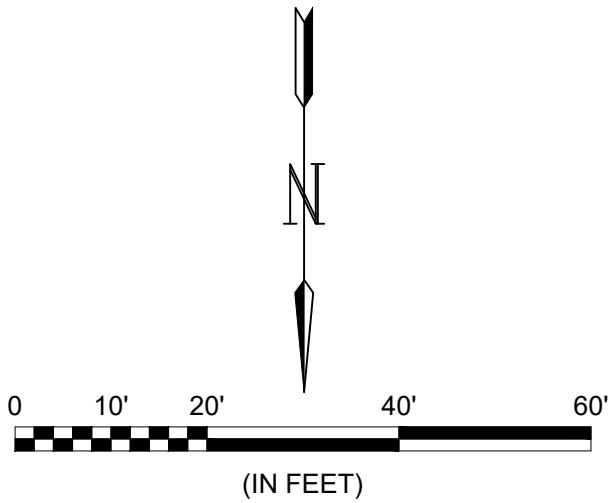
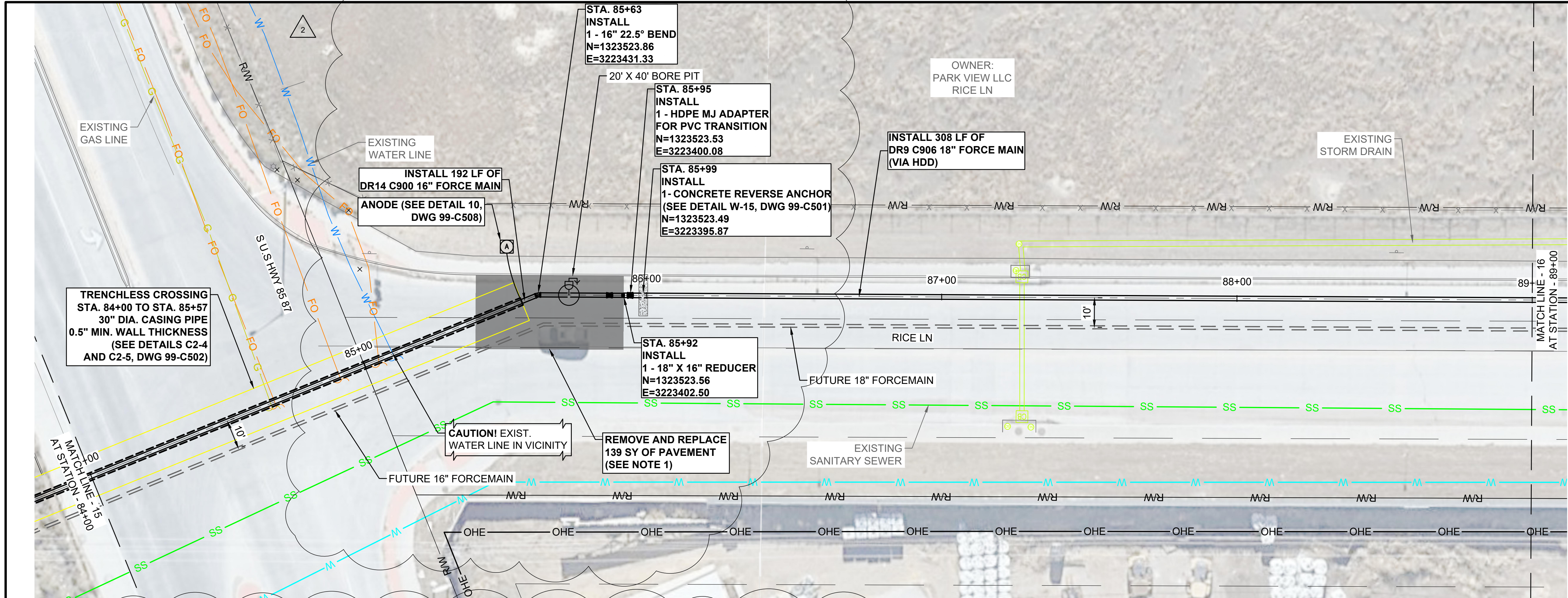
PLAN AND PROFILE
(STA. 79+00 TO STA.
84+00)

JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWLG
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

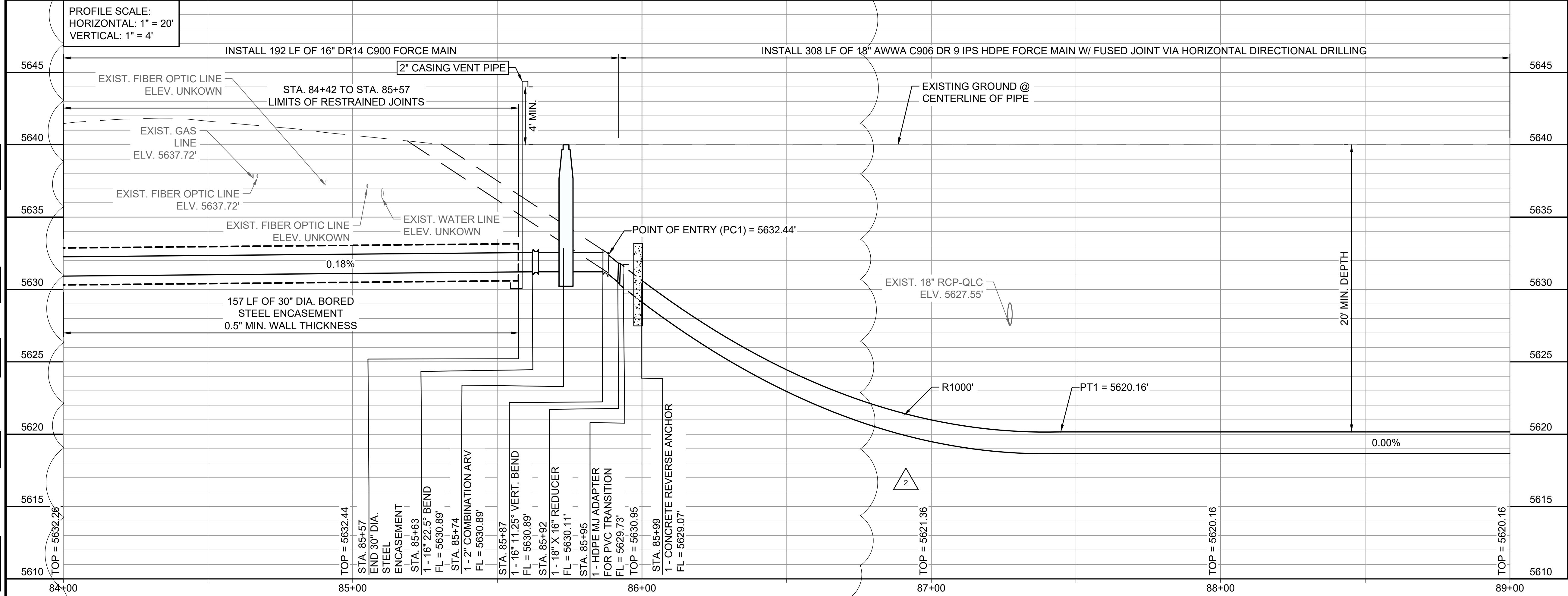
DRAWING NUMBER
05-C315
SHEET
NUMBER **22**

File: L:\2022\22W23080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WJC FM-05-C316-PP.dwg Last Save: 8/27/2026 11:05 AM Last saved by: ESMartinez
Last plotted by: Martinez, Ervin S. Plot Style: AEOnono.ctb Plot Scale: 1:2,544.9 Plot Date: 8/27/2026 11:13 AM Plotter used: None



- NOTES:
- FULL DEPTH PAVEMENT REPAIR MUST BE PERFORMED.

© 2026 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



BY: SSS

DESCRIPTION: REVERSE THRUST COLLAR

DATE: 08/27/26

REV: 2

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 84+00 TO STA. 89+00)

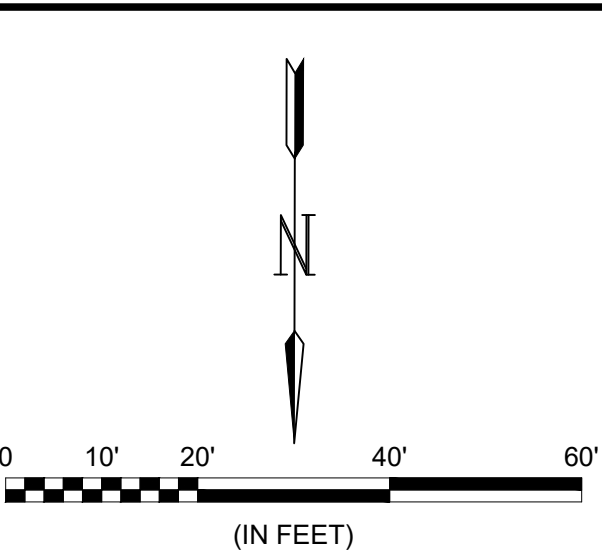
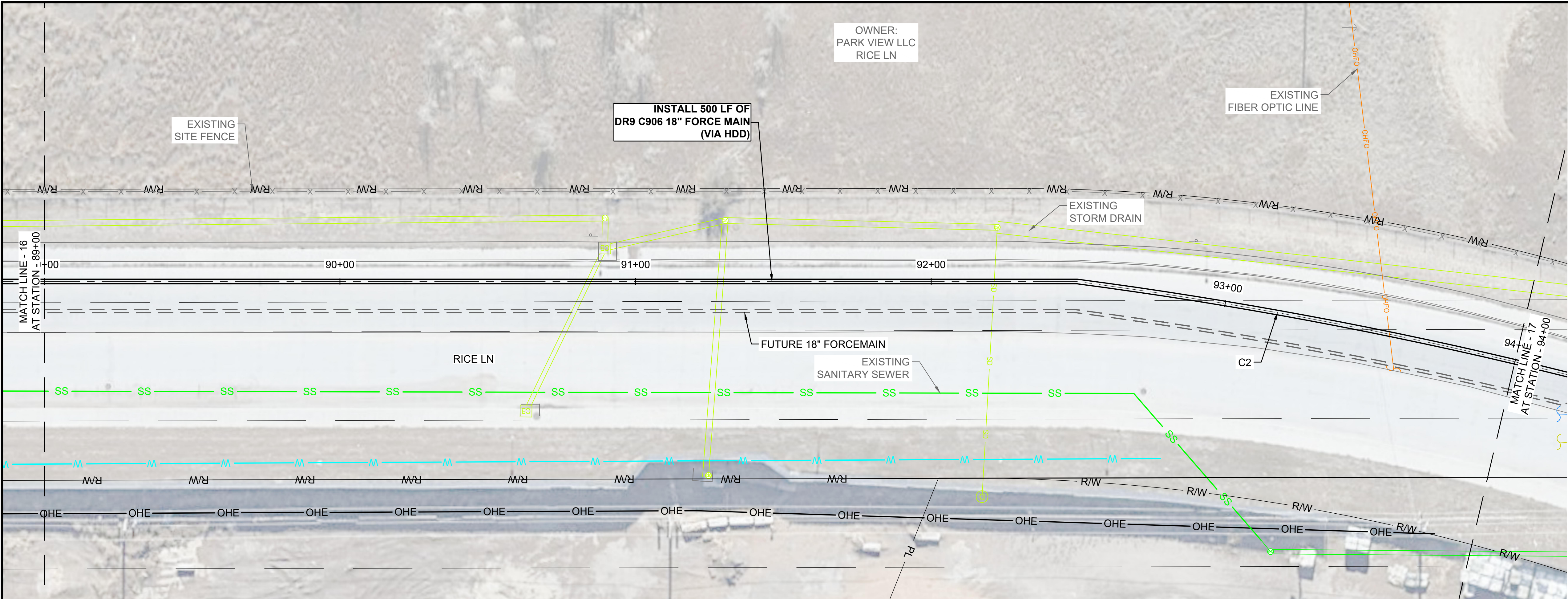
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

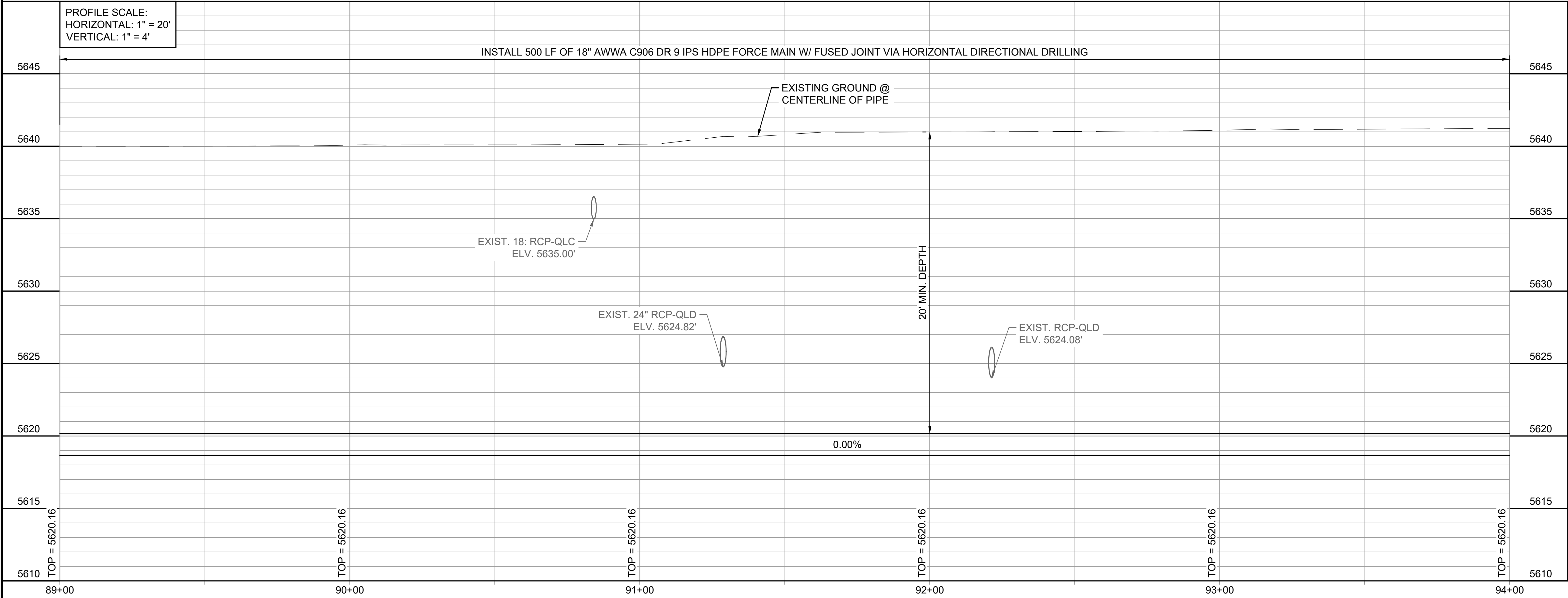
DRAWING NUMBER
05-C316

SHEET NUMBER
23

File: L:\2022\22W23080 - Widefield WSD\Jimmy Campo FM Design\Drawings\WJC FM-05-C317-PP.dwg Last Save: 11/21/2025 1:19 PM Last saved by: F.Chavez
Last plotted by: Martinez, Ervin S. Plot Style: AEOnono.ctb Plot Date: 8/27/2026 11:14 AM Plotter used: None

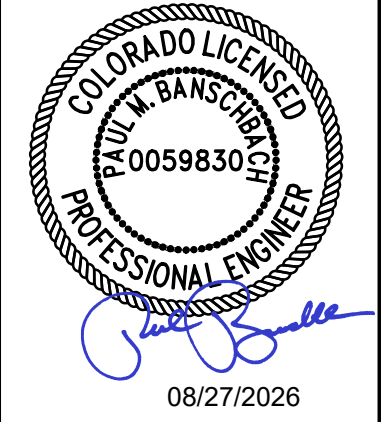


CURVE TABLE			
CURVE #	LENGTH	RADIUS	Delta
C2	150.604	1490.267	5°47'20"





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



BY				
DESCRIPTION				
DATE				
REV.				



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 89+00 TO STA. 94+00)

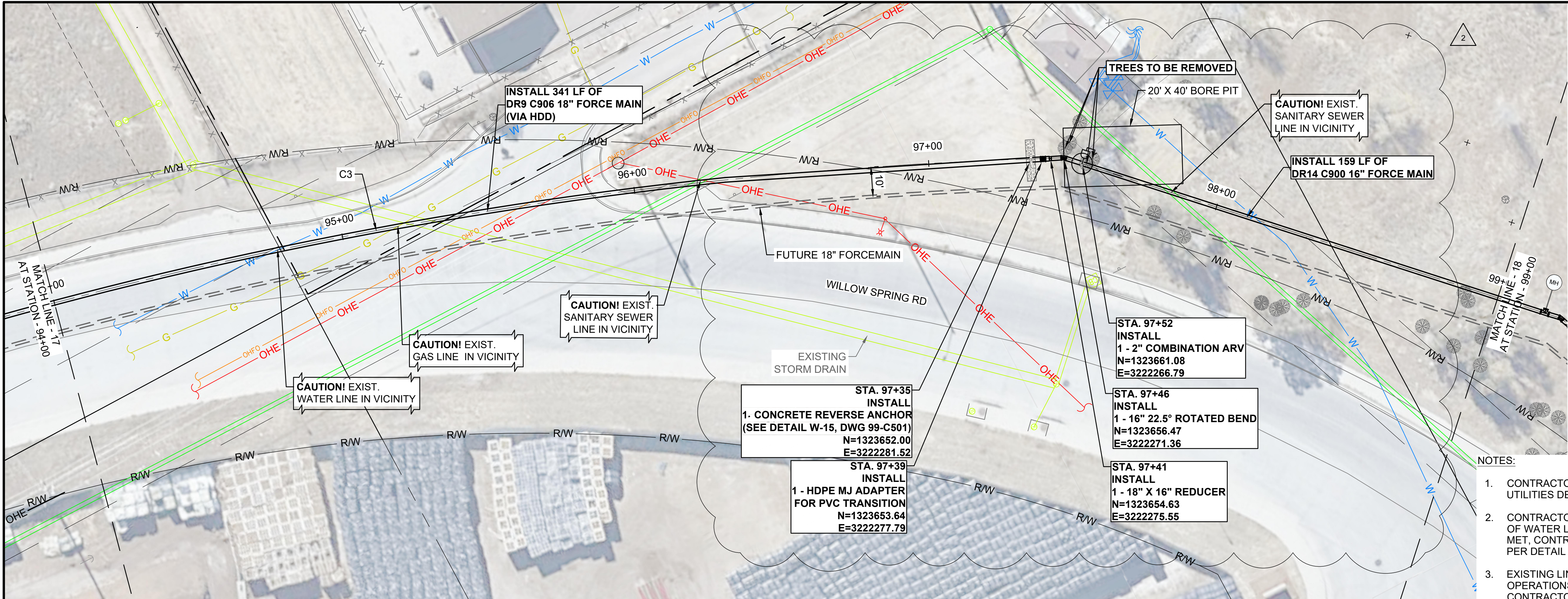
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C317

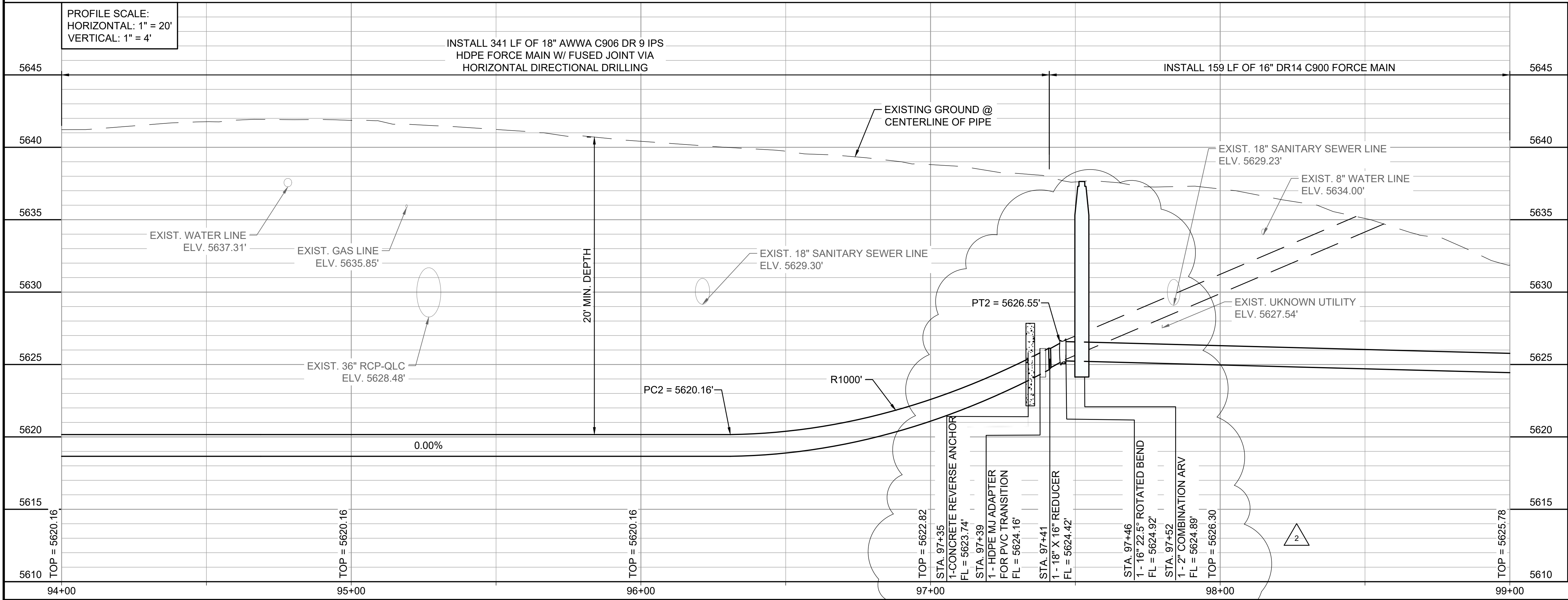
SHEET NUMBER
24

File: L:\2022\22W23080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WJC FM-05-C318-PP.dwg Last Save: 8/27/2026 10:52 AM Last saved by: ESMartinez
Last plotted by: Martinez, Ervin S. Plot Style: AEOnono.ctb Plot Scale: 1:2,549 Plot Date: 8/27/2026 11:16 AM Plotter used: None



CURVE TABLE			
CURVE #	LENGTH	RADIUS	Delta
C3	345.792	1490.267	13°17'40"

- NOTES:
- CONTRACTOR TO POTHOLE AND VERIFY EXISTING UTILITIES DEPTH PRIOR TO DRILLING.
 - CONTRACTOR TO POTHOLE AND VERIFY DEPTH OF WATER LINE, IF 2' VERTICAL CLEARANCE ISN'T MET, CONTRACTOR SHALL LOWER WATER LINE PER DETAIL ON DWG NO. 99-C509, COF DWG 20.
 - EXISTING LINE TO BE EXPOSED DURING HDD OPERATIONS. IN THE EVENT OF CONFLICT CONTRACTOR TO PROVIDE BYPASS SOLUTION TO REPLACE EXISTING UTILITIES.





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



08/27/2026

BY	SSS		
DESCRIPTION	REVERSE THRUST COLLAR		
DATE	08/27/26		
REV.	2		



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 94+00 TO STA. 99+00)

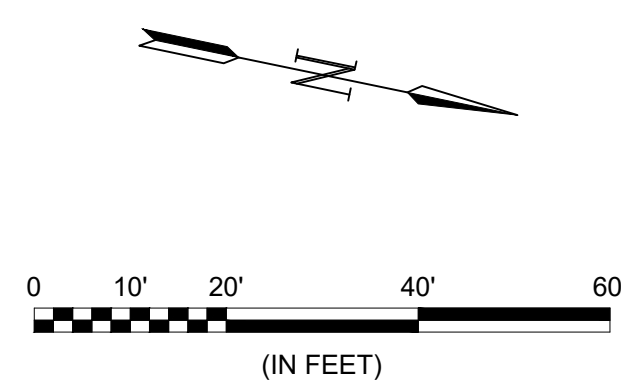
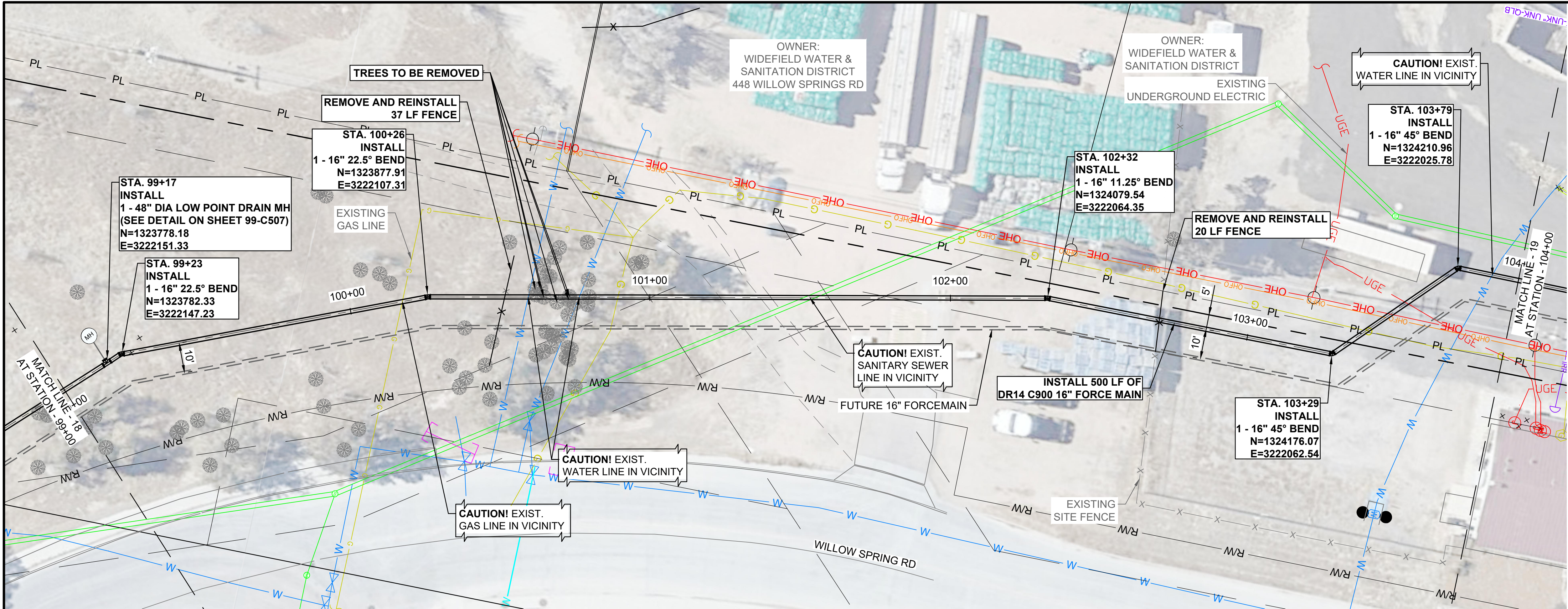
JOB NO.: 22W23080
DATE: APRIL 2026
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

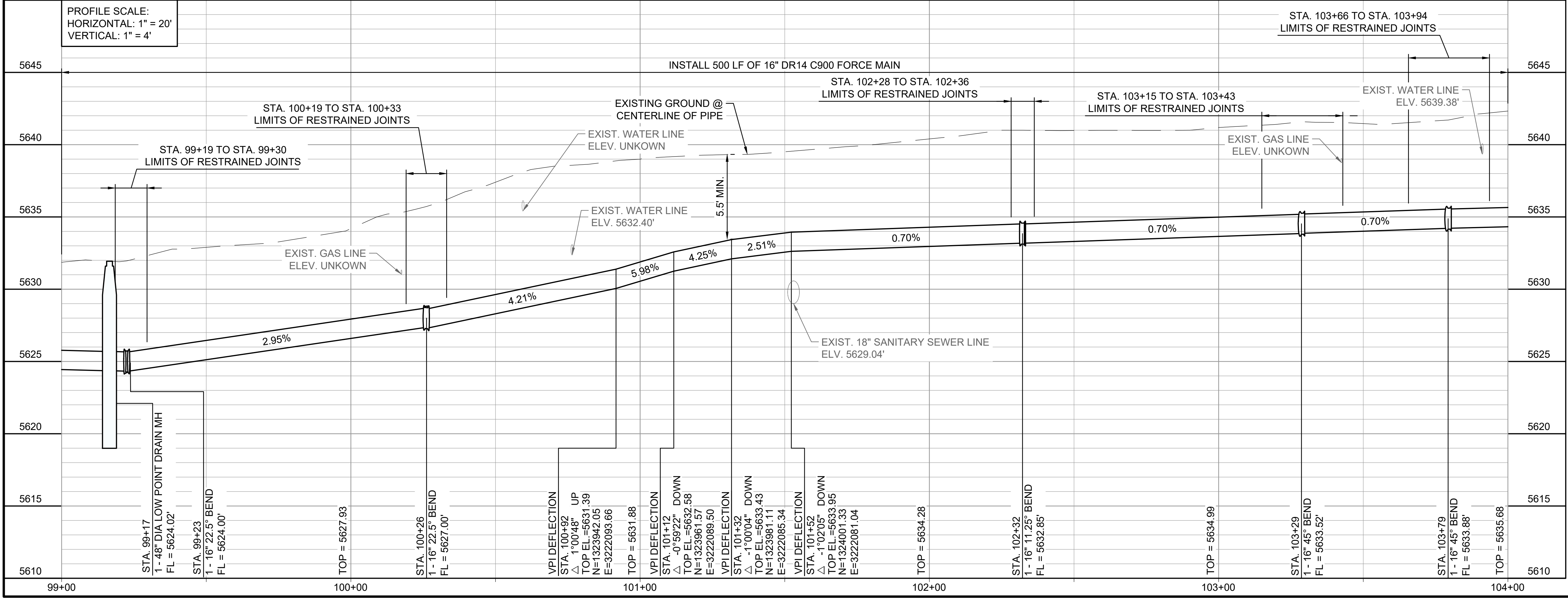
DRAWING NUMBER
05-C318

SHEET NUMBER
25

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WJC-FM-05-C319-PP.dwg Last Save: 11/21/2025 1:21 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 1/2"=50' Plot Date: 11/21/2025 2:26 PM Plotter used: None

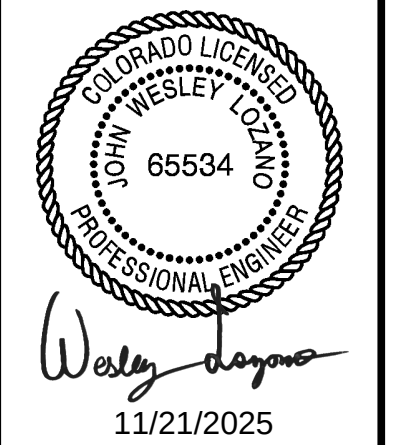


- NOTES:
- CONTRACTOR TO POTHOLE AND VERIFY DEPTH OF WATER LINE, IF 2' VERTICAL CLEARANCE ISN'T MET, CONTRACTOR SHALL LOWER WATER LINE PER DETAIL ON DWG NO. 99-C509, COF DWG 20.





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

BY	DESCRIPTION	DATE	REV.



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 99+00 TO STA. 104+00)

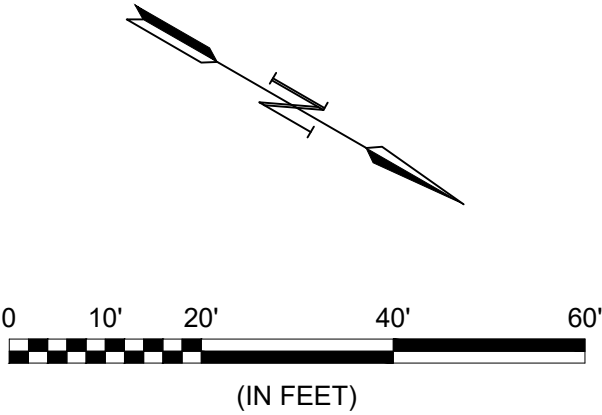
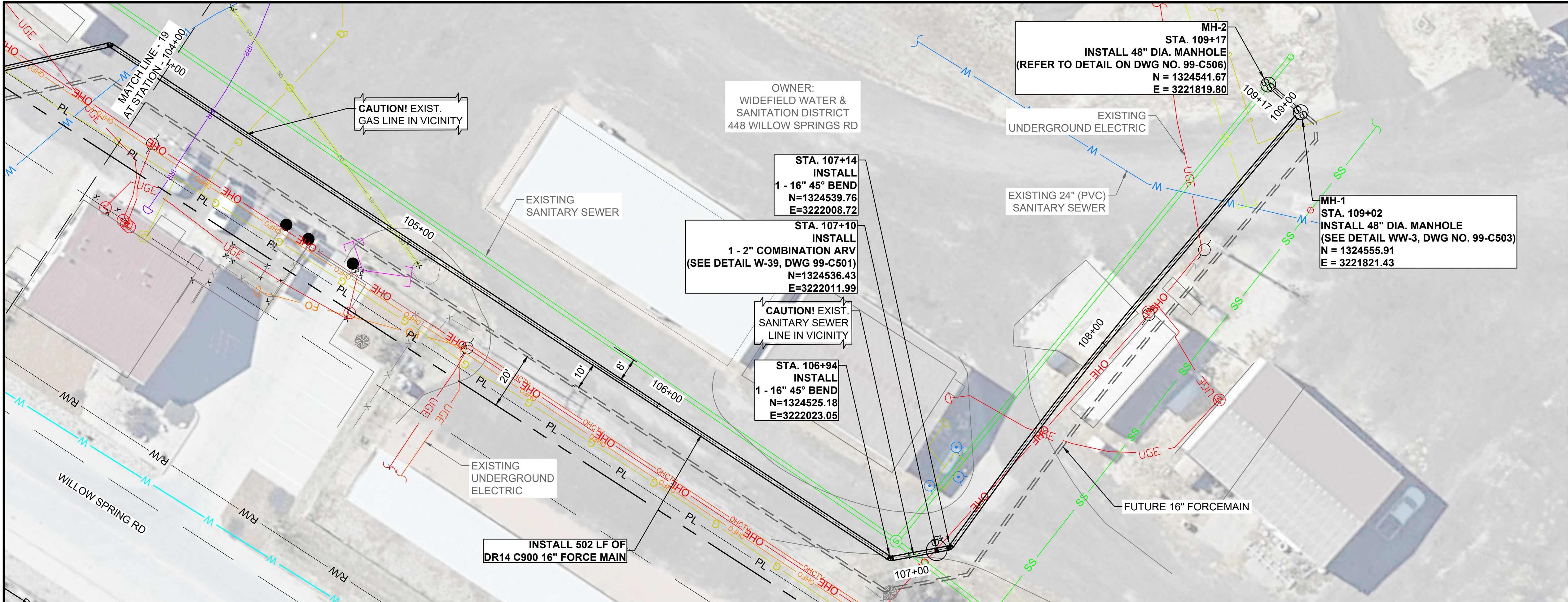
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0" = 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C319

SHEET NUMBER
26

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\W-C-FM-05-C320-PP.dwg Last Save: 11/21/2025 3:09 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 1/2"=50' Plot Date: 11/21/2025 3:46 PM Plotter used: None



NOTES:

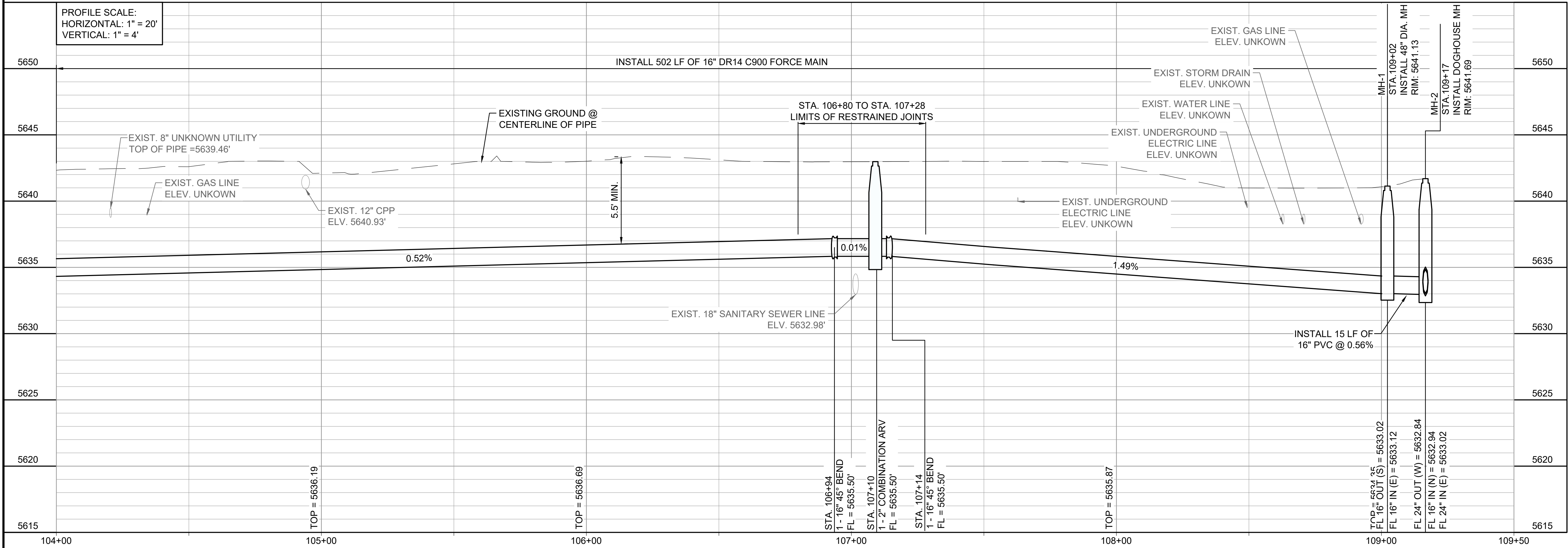
1. CONNECT THE NEW FORCE MAIN TO THE EXISTING MANHOLE AND RESTORE THE EFFECTED STRUCTURES AND COATINGS. COORDINATE WITH OWNER TO PERFORM THE TIE-IN. PROTECT THE EXISTING MANHOLES AND SITE ACCORDINGLY.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



Wesley Lopez
11/21/2025



BY				
DESCRIPTION				
DATE				
REV.				



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO



JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

PLAN AND PROFILE
(STA. 104+00 TO END)

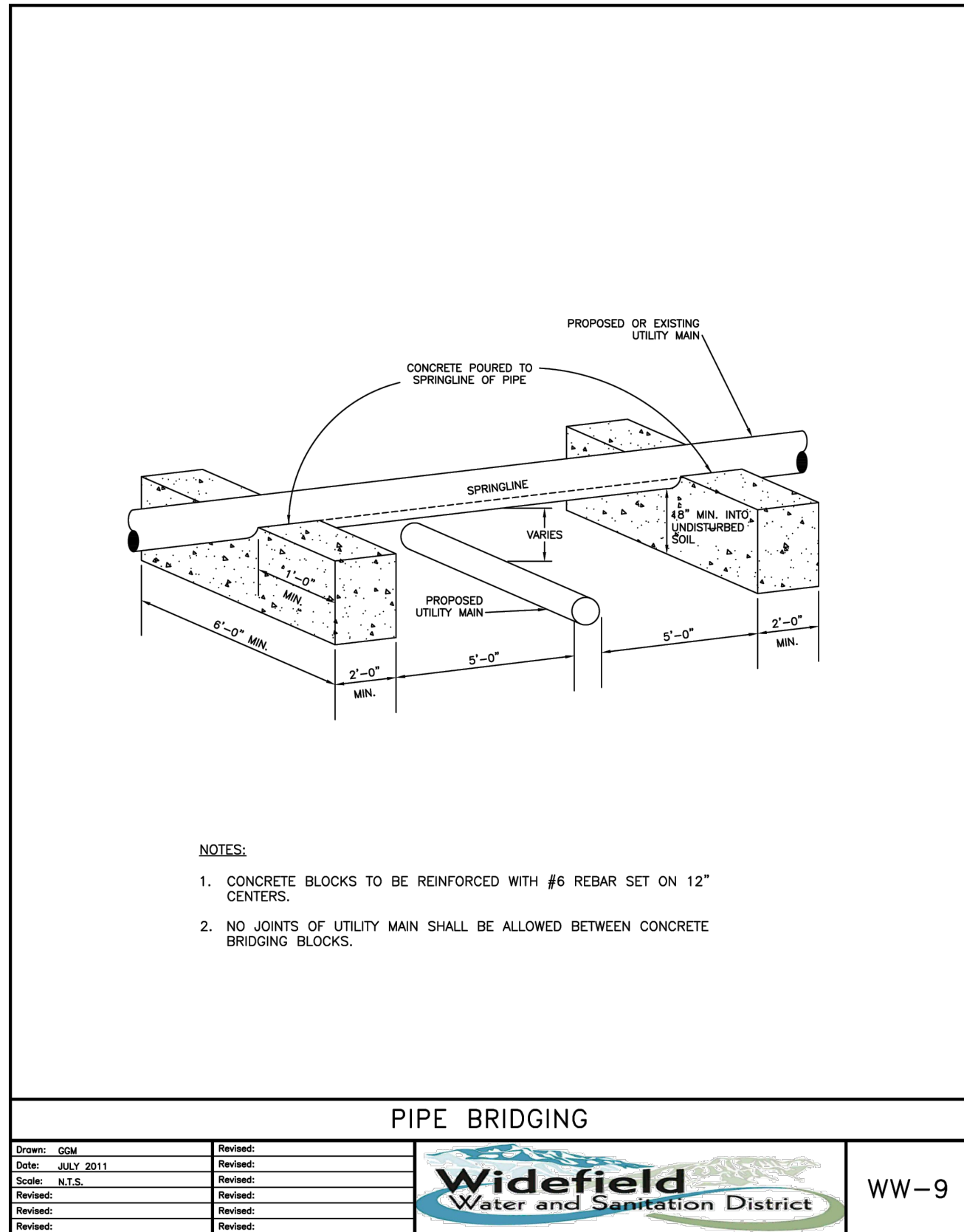
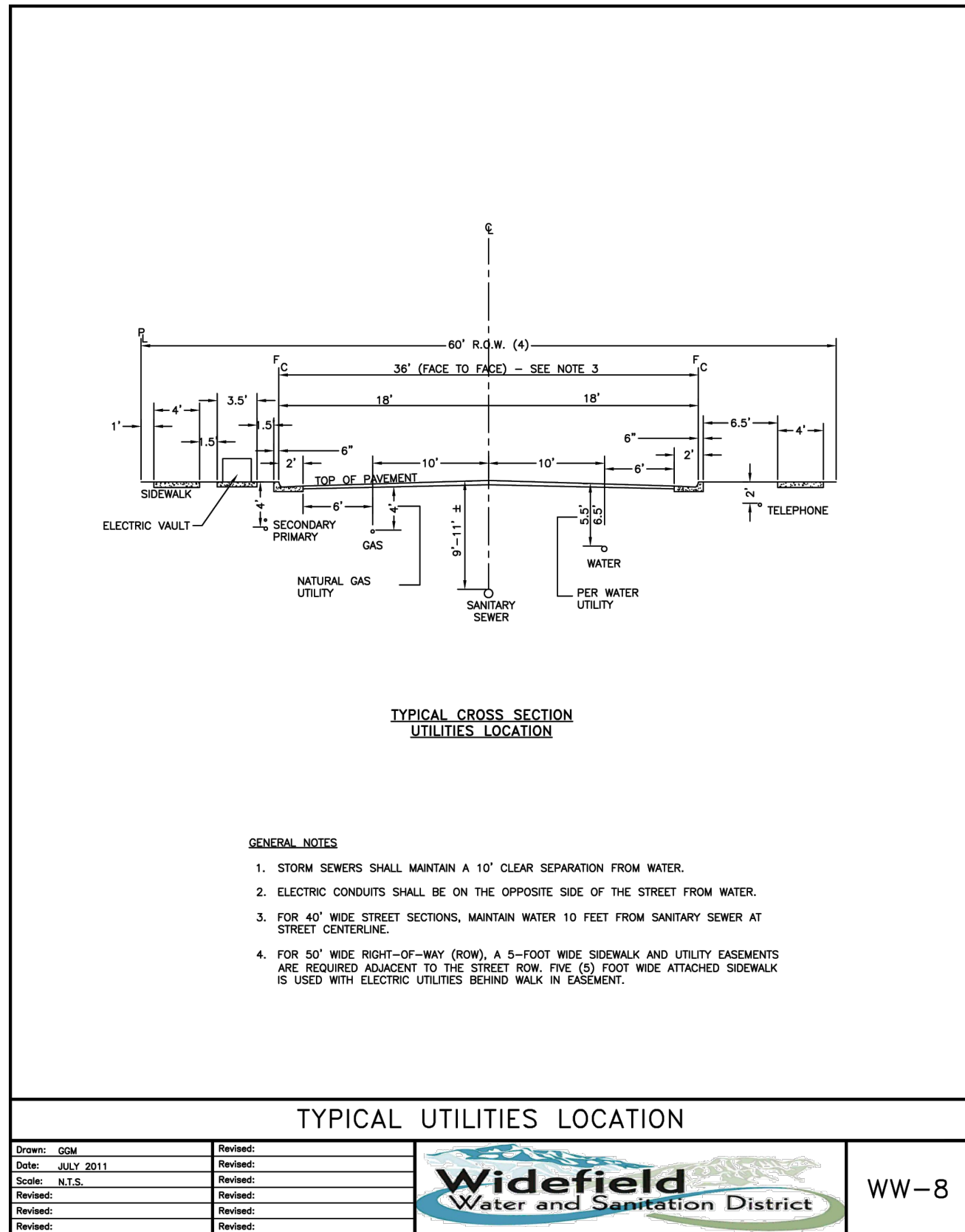
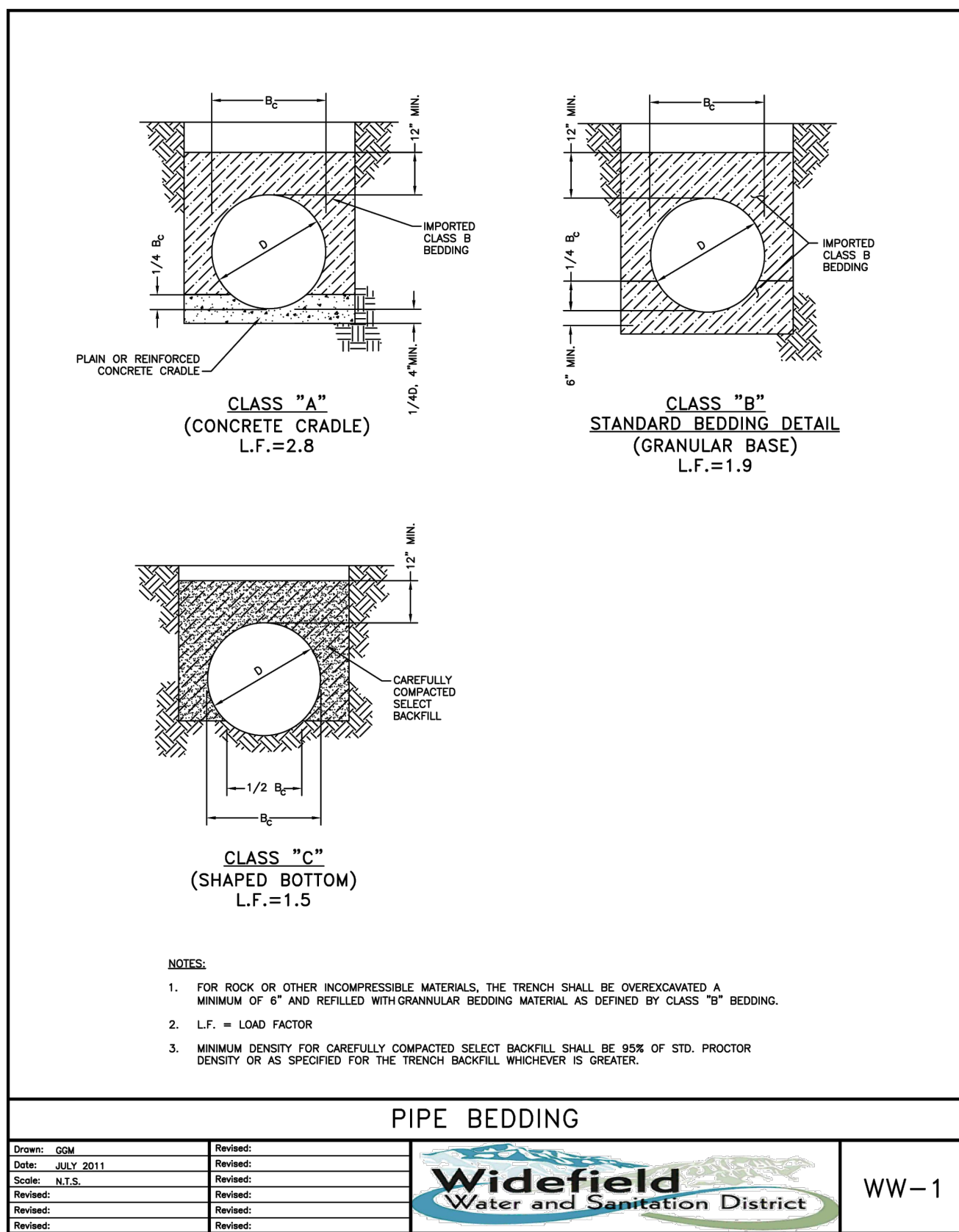
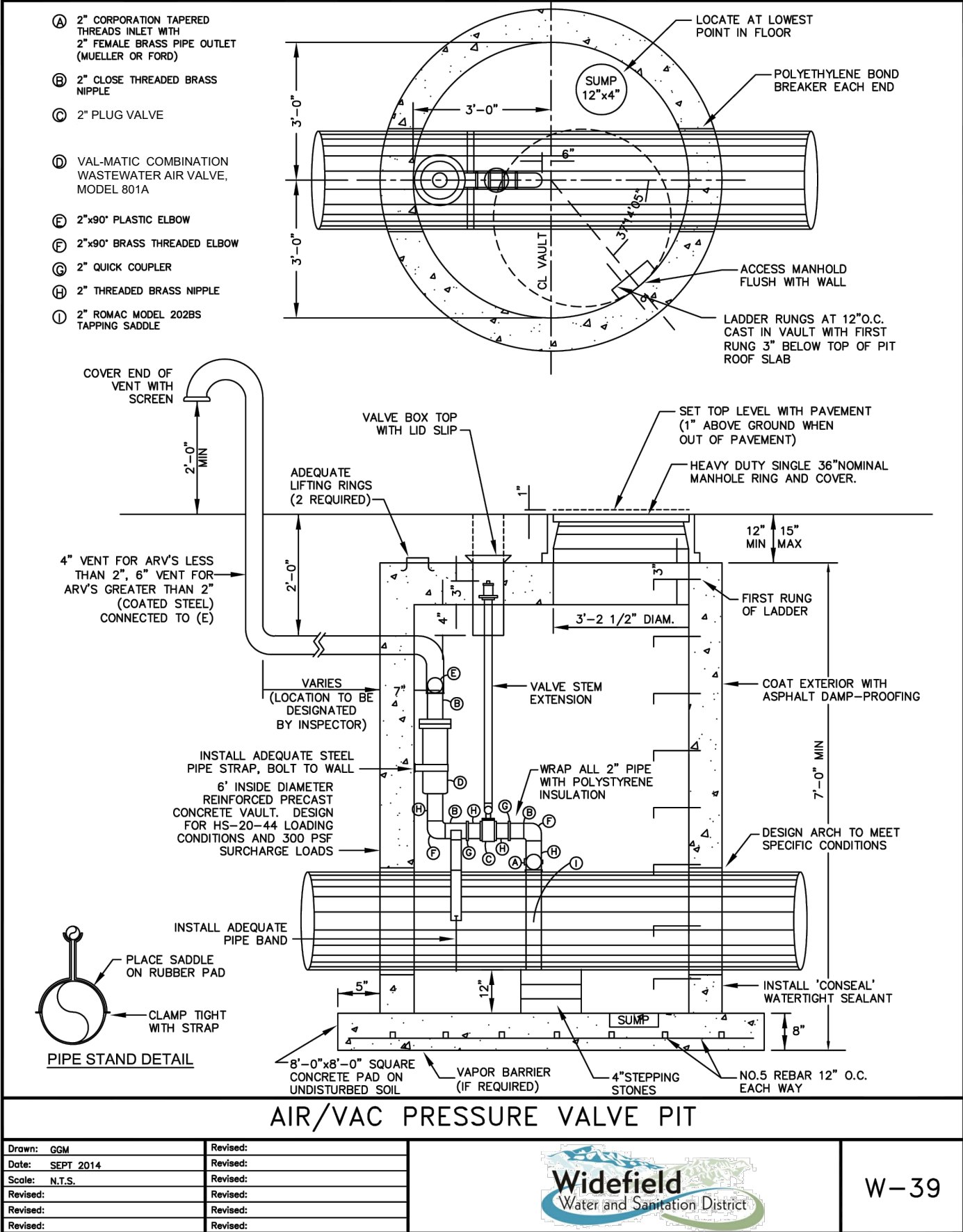
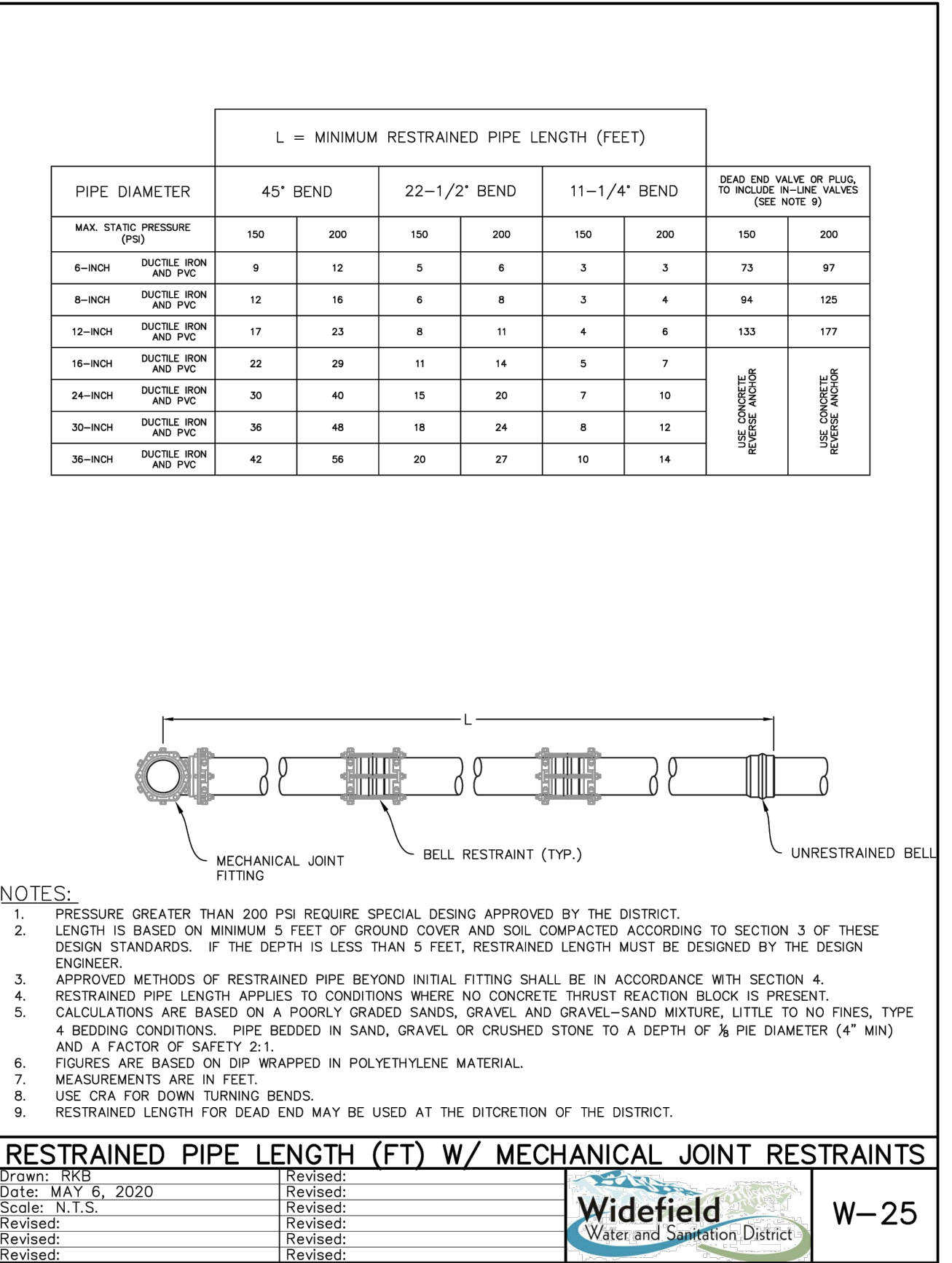
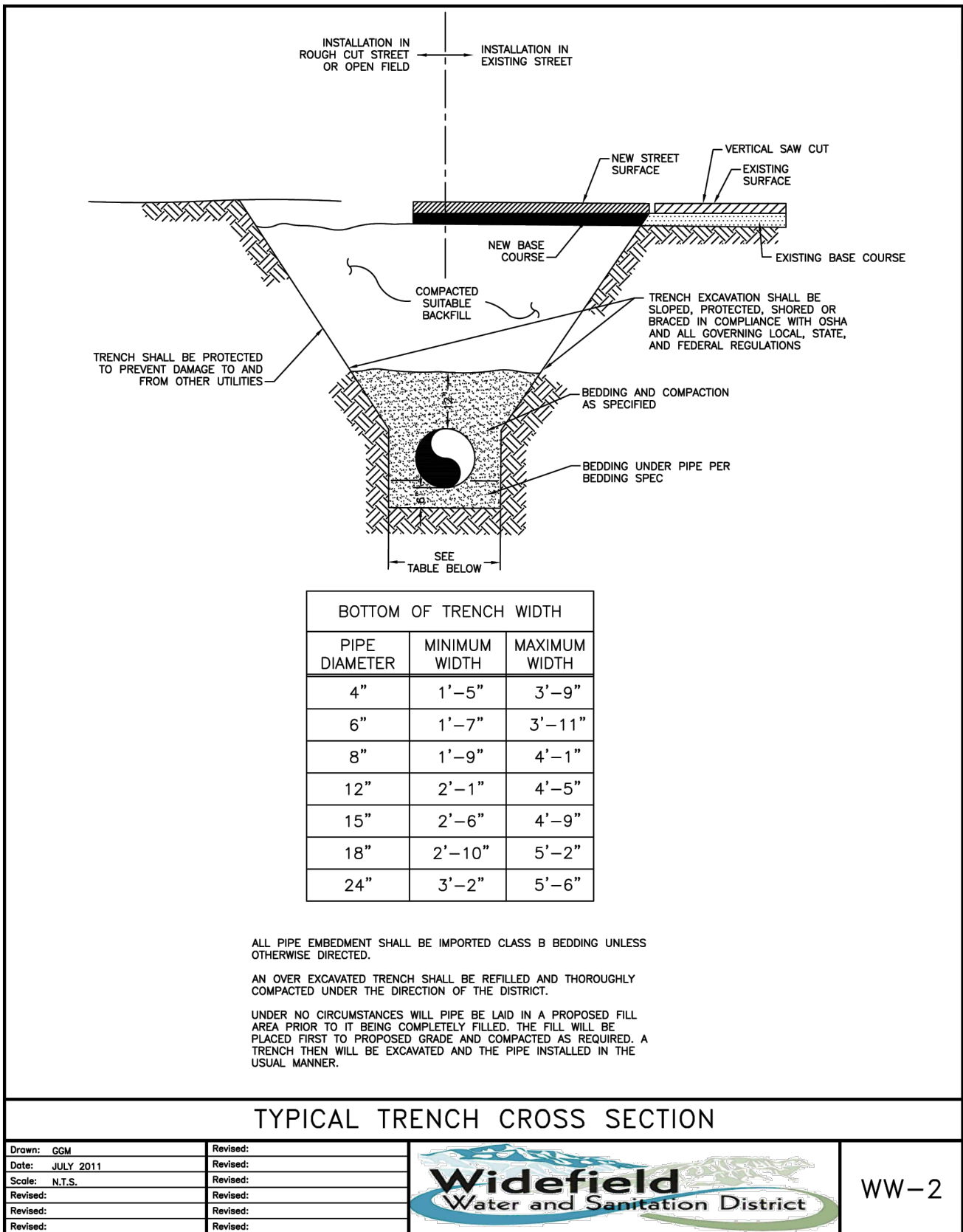
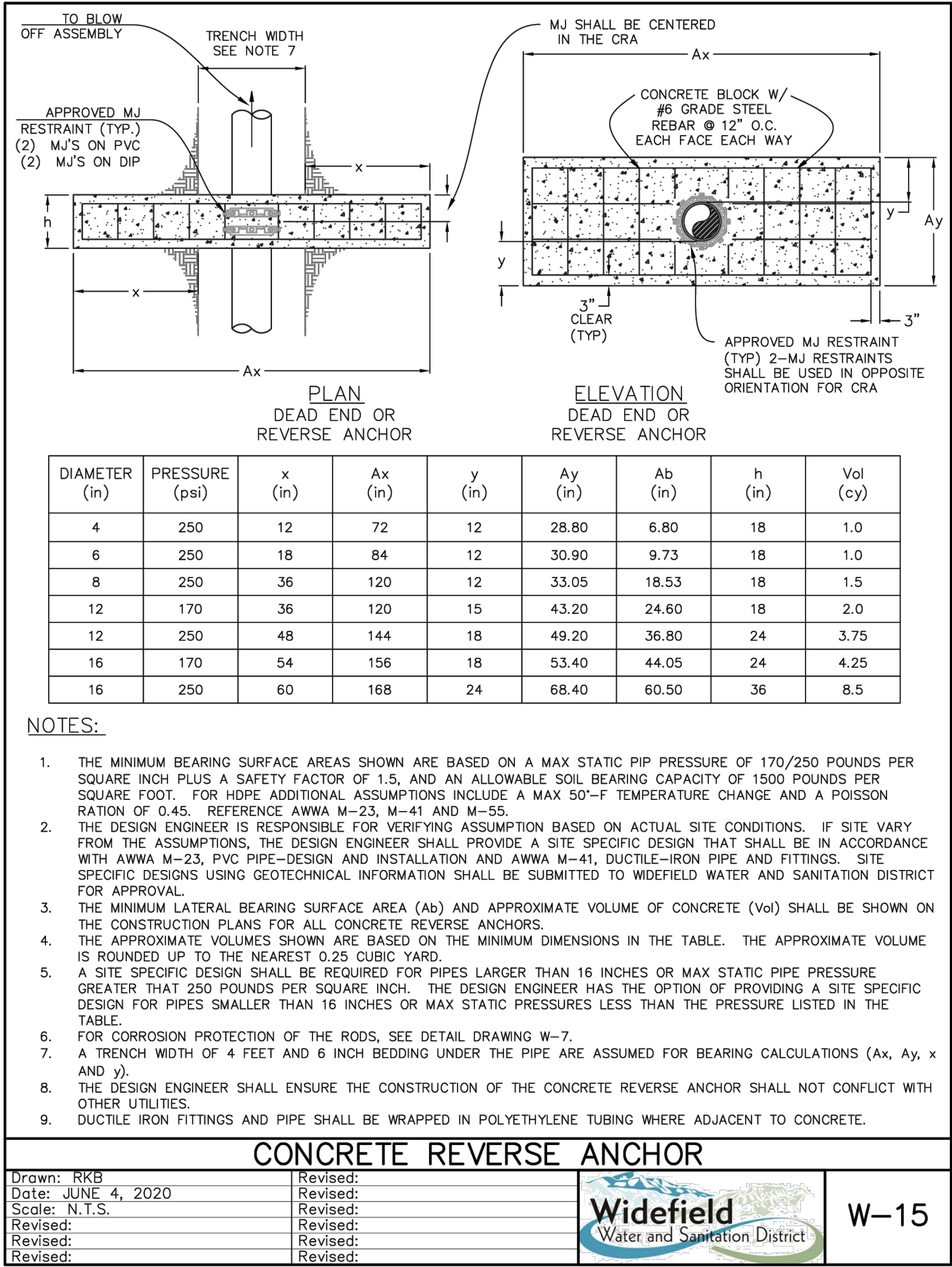
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
05-C320

SHEET NUMBER
27

File: L:\2022\22W3080 - Widefield WSD Jimmy Camp FM Design\Drawings\WAC FM-59-C501-DT.dwg Last Save: 11/21/2025 1:29 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmonochrome.ctb Plot Scale: 1:2.5849 Plot Date: 11/21/2025 2:30 PM Plotter used: None



GARVER

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

COLORADO LICENSED PROFESSIONAL ENGINEER
65534

Wesley Lopez
11/21/2025

BY	DESCRIPTION	DATE	REV.

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

STANDARD DETAILS I

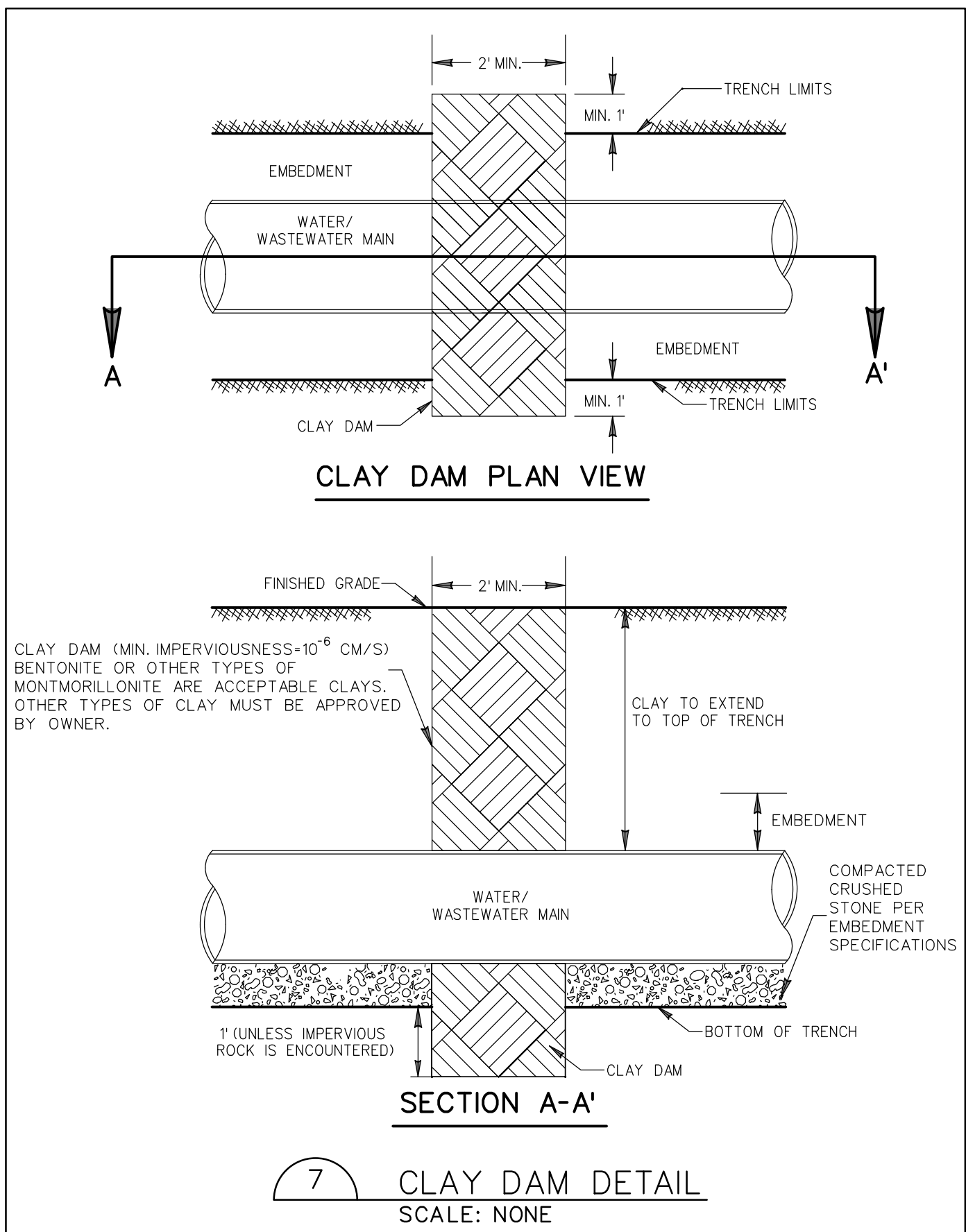
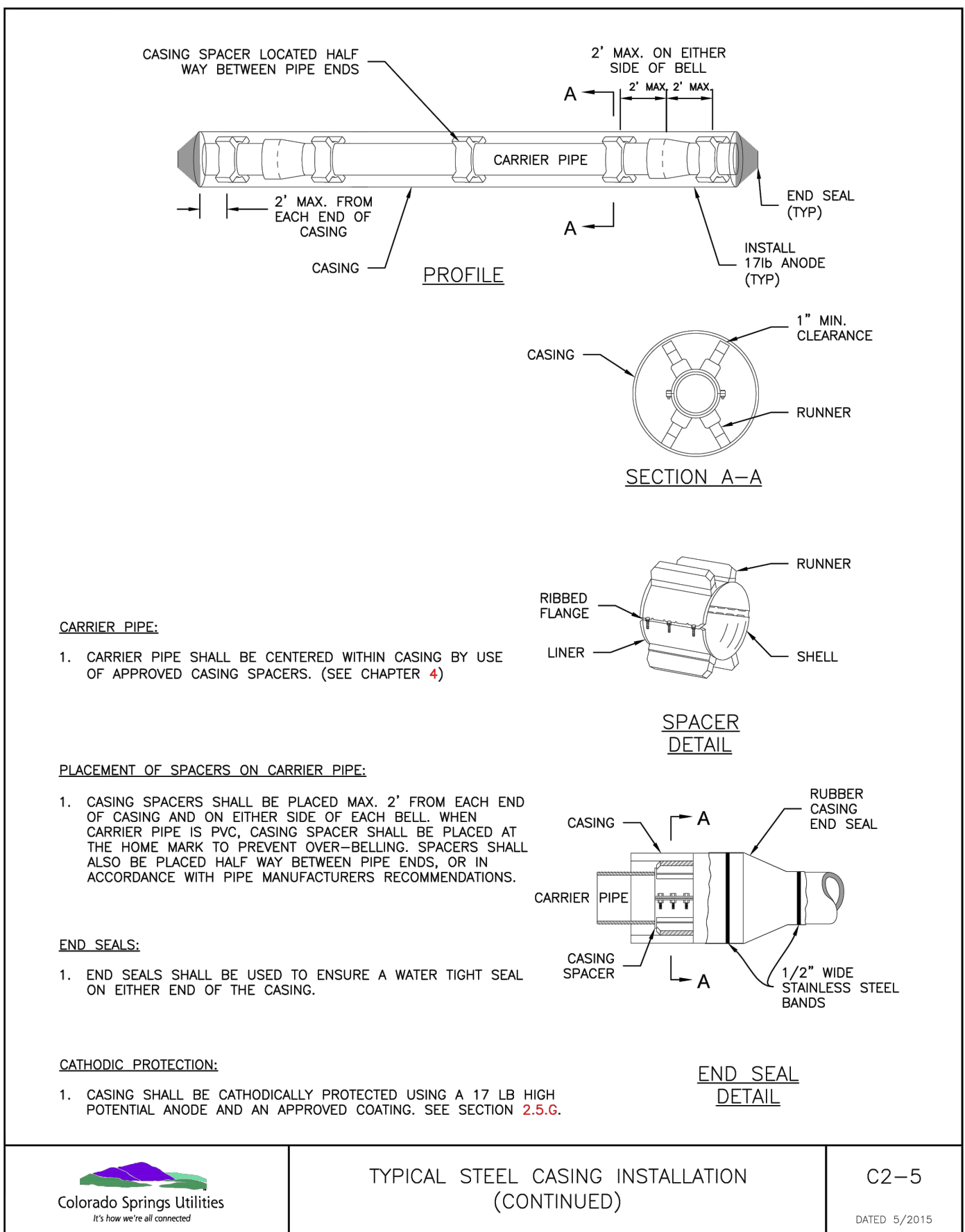
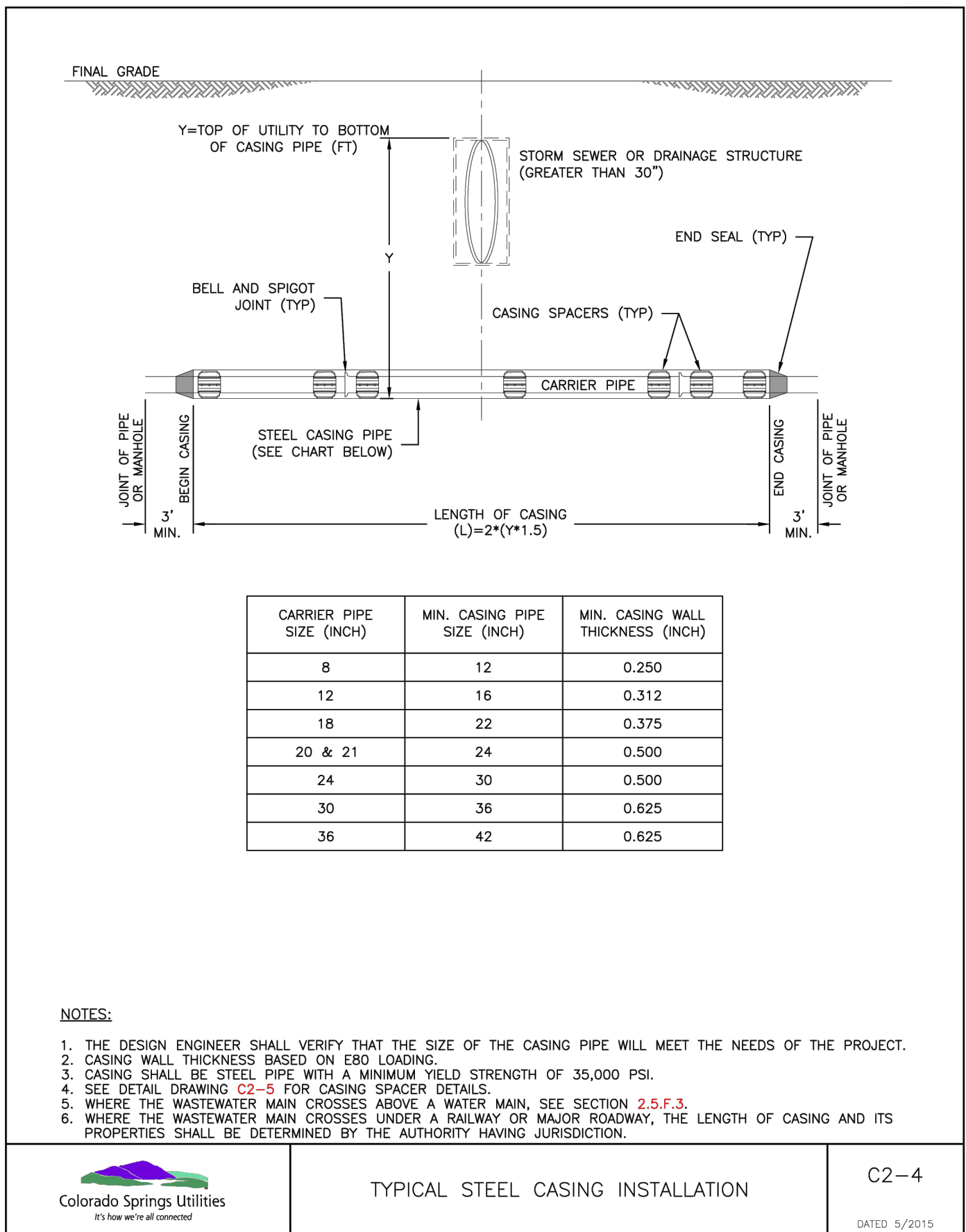
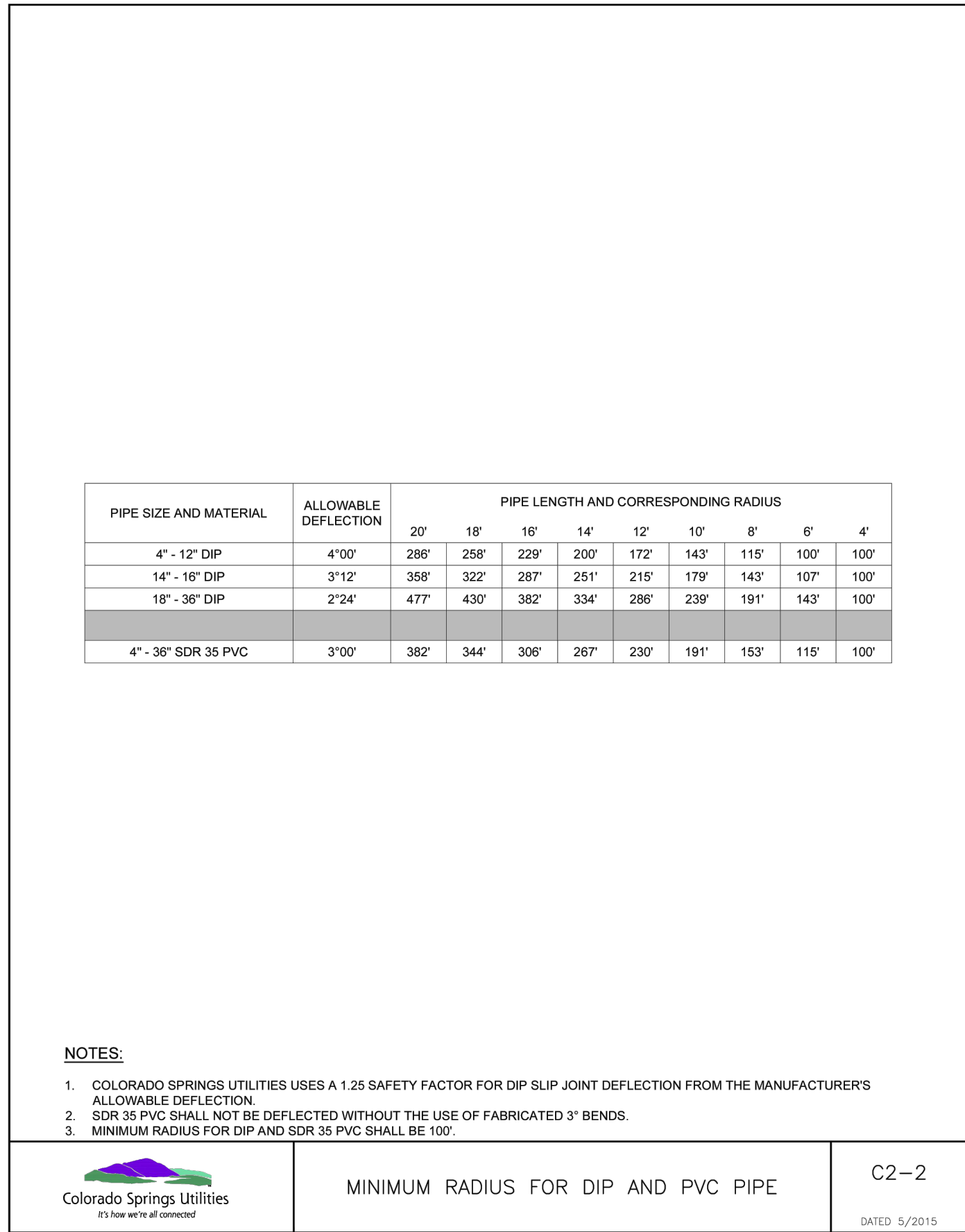
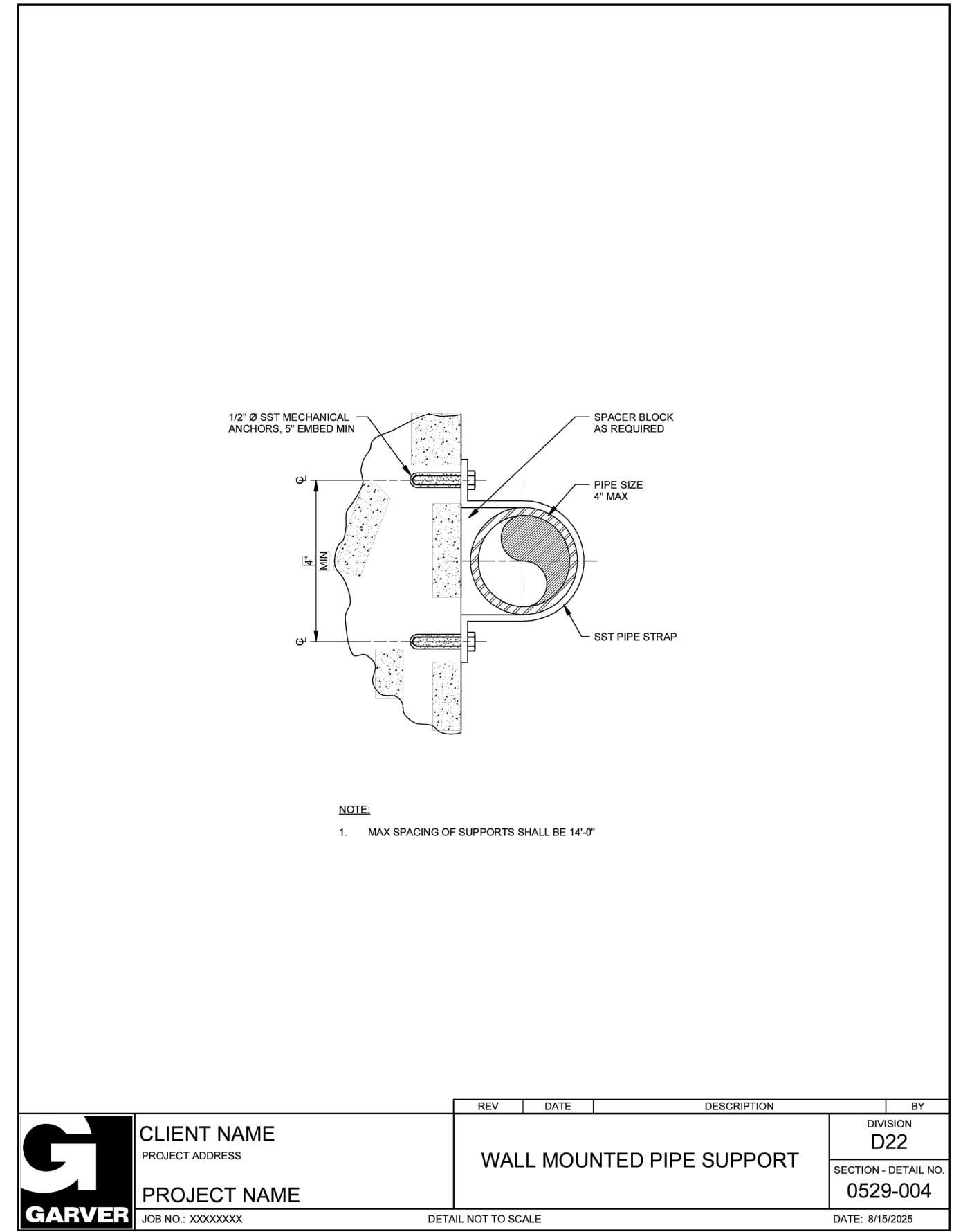
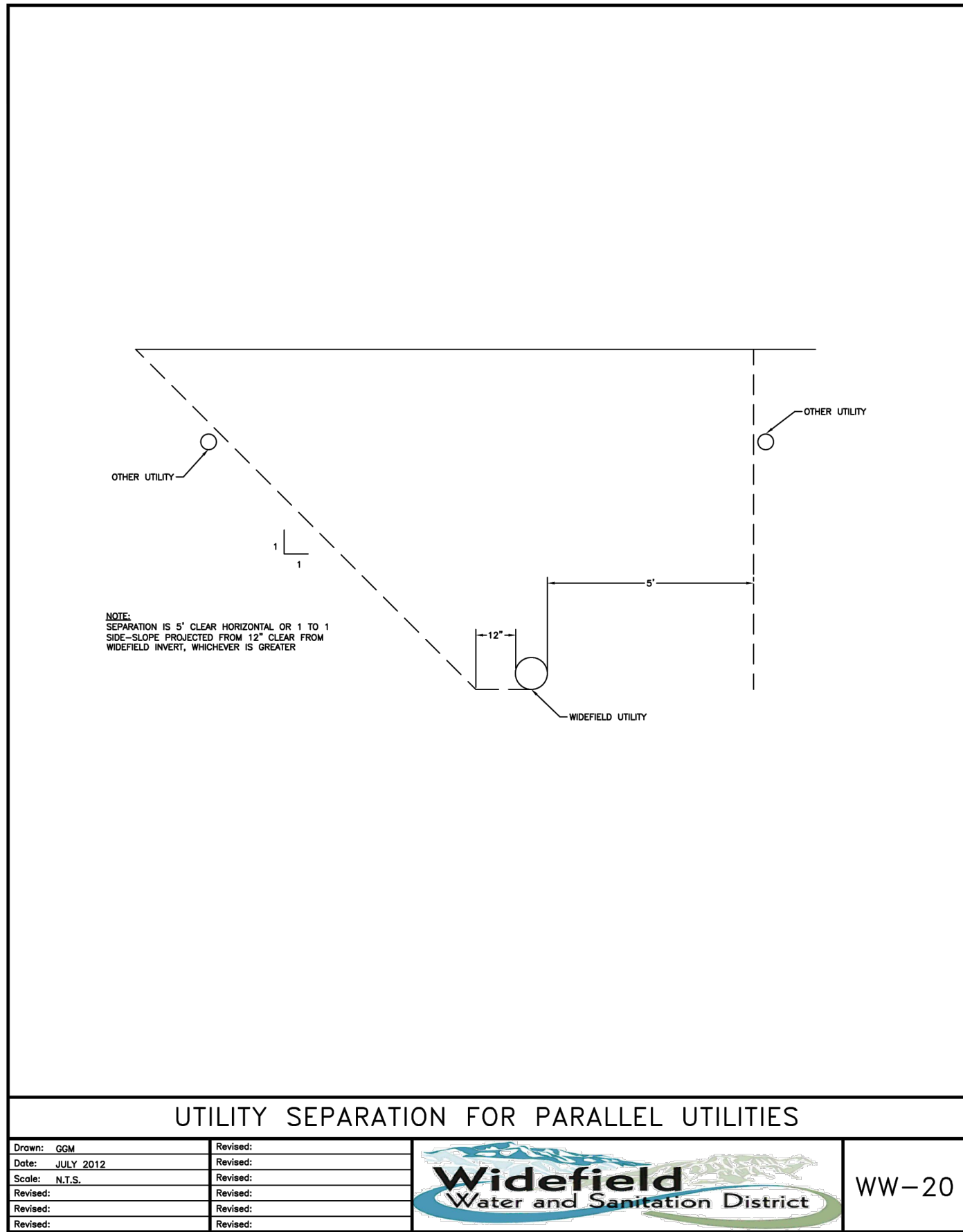
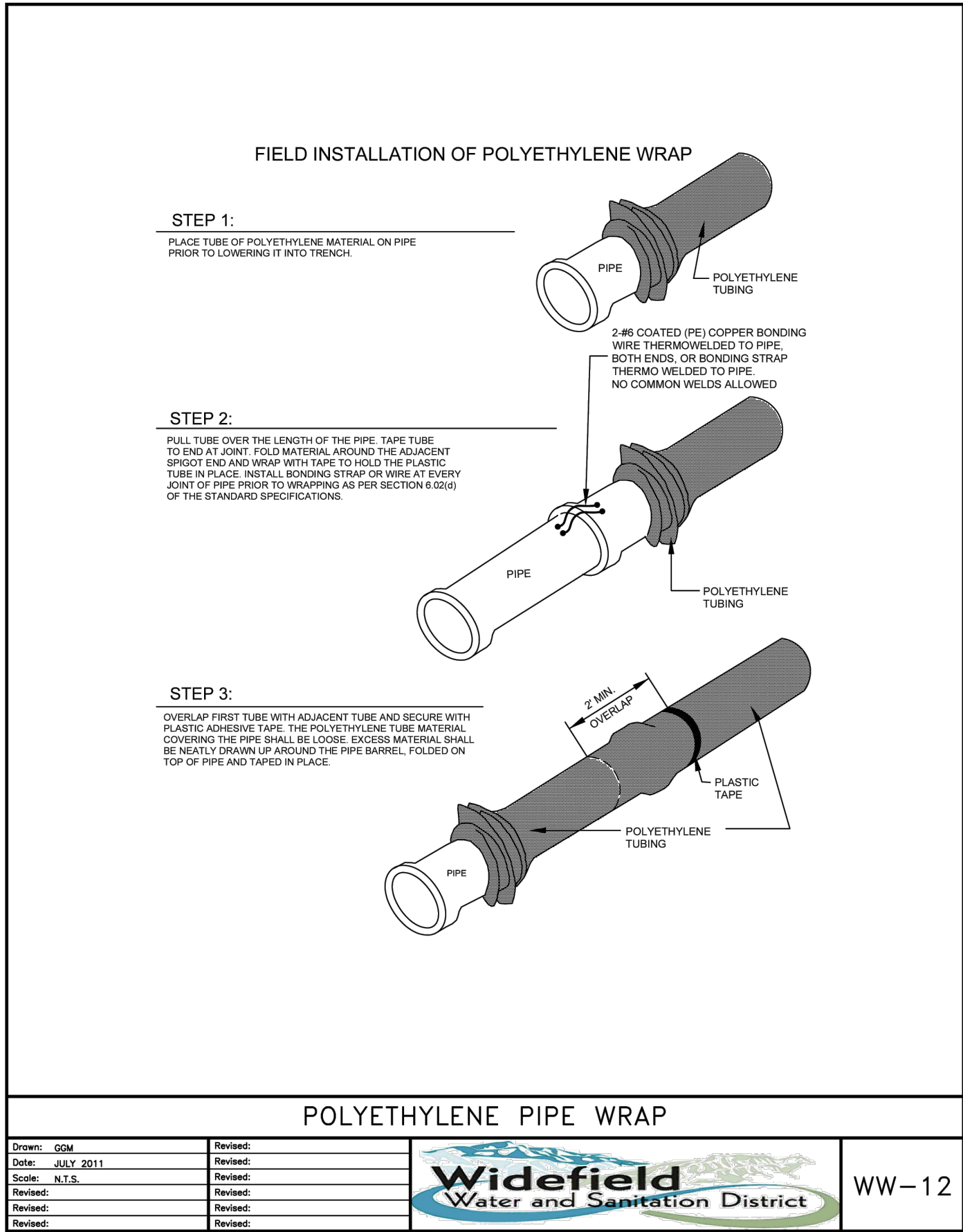
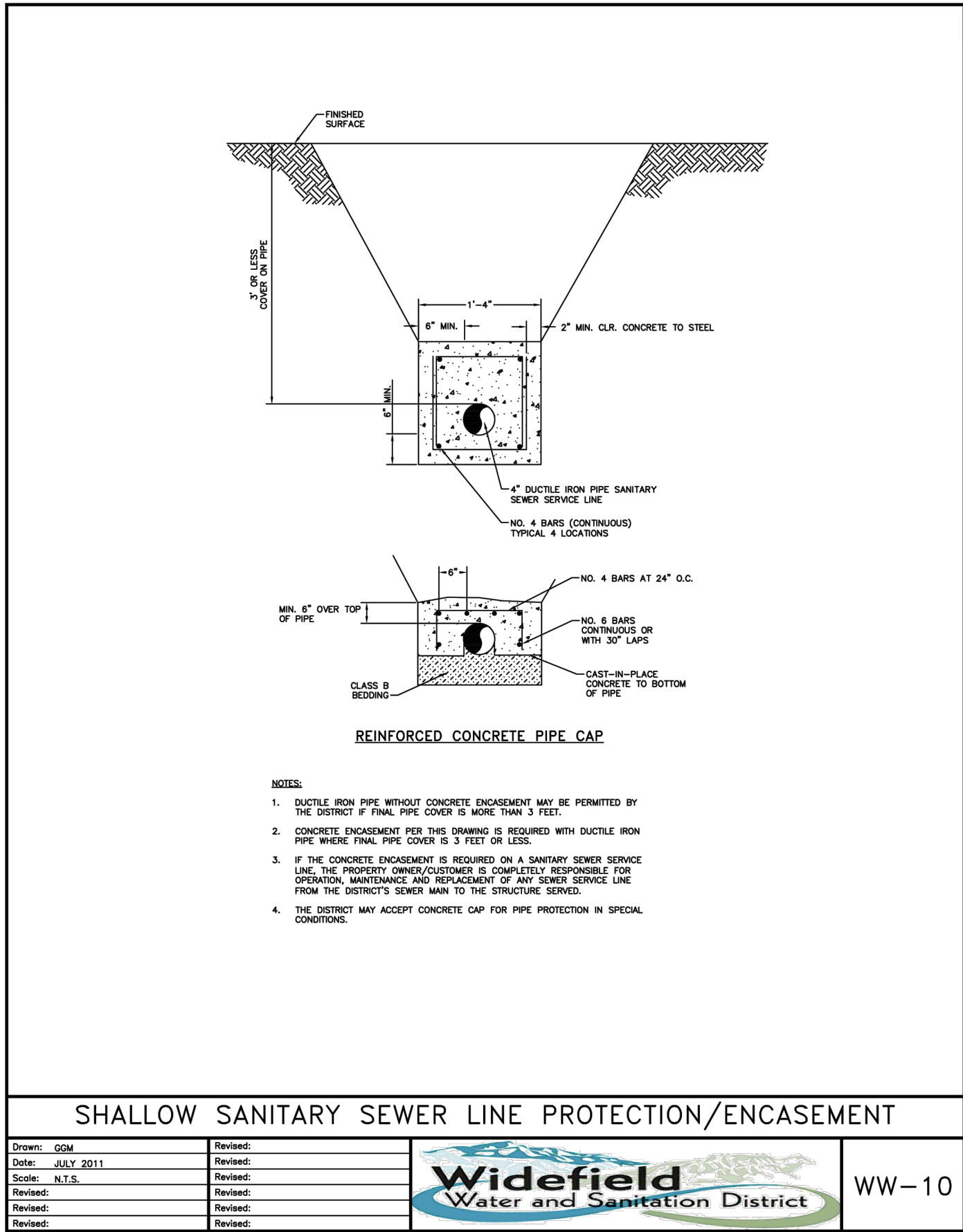
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
99-C501

SHEET NUMBER
30

File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WAC FM-59-C502-DT.dwg Last Save: 11/21/2025 1:29 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmono.ctb Plot Scale: 1/2"=1'-0" Plot Date: 11/21/2025 2:30 PM Plotter used: None



GARVER

© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

65534

11/21/2025

BY: _____

DESCRIPTION: _____

DATE: _____

REV: _____

CLIENT NAME
PROJECT ADDRESS
PROJECT NAME
JOB NO.: XXXXXXXX

WALL MOUNTED PIPE SUPPORT
SECTION - DETAIL NO. 0529-004
DATE: 01/15/2025

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

STANDARD DETAILS II

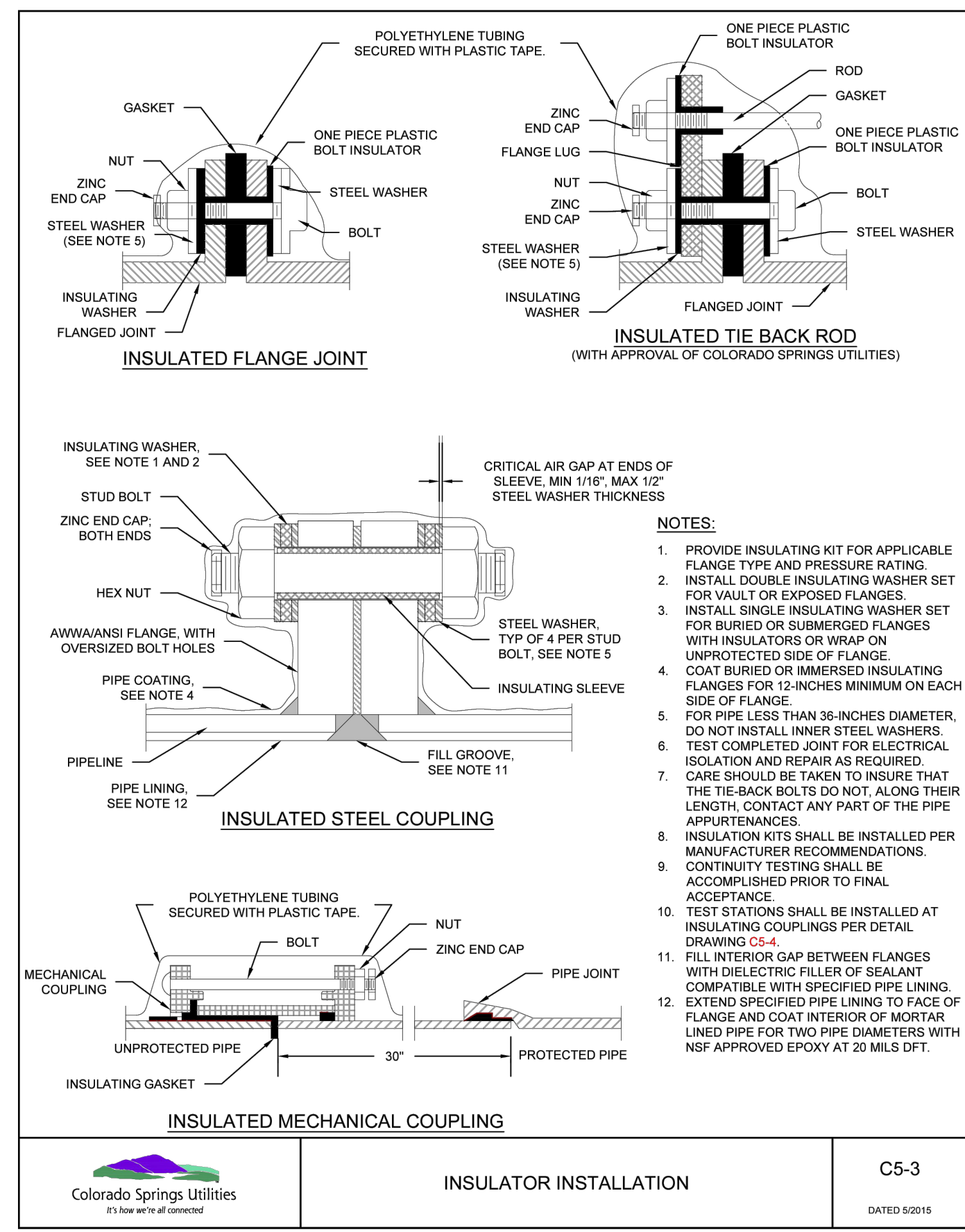
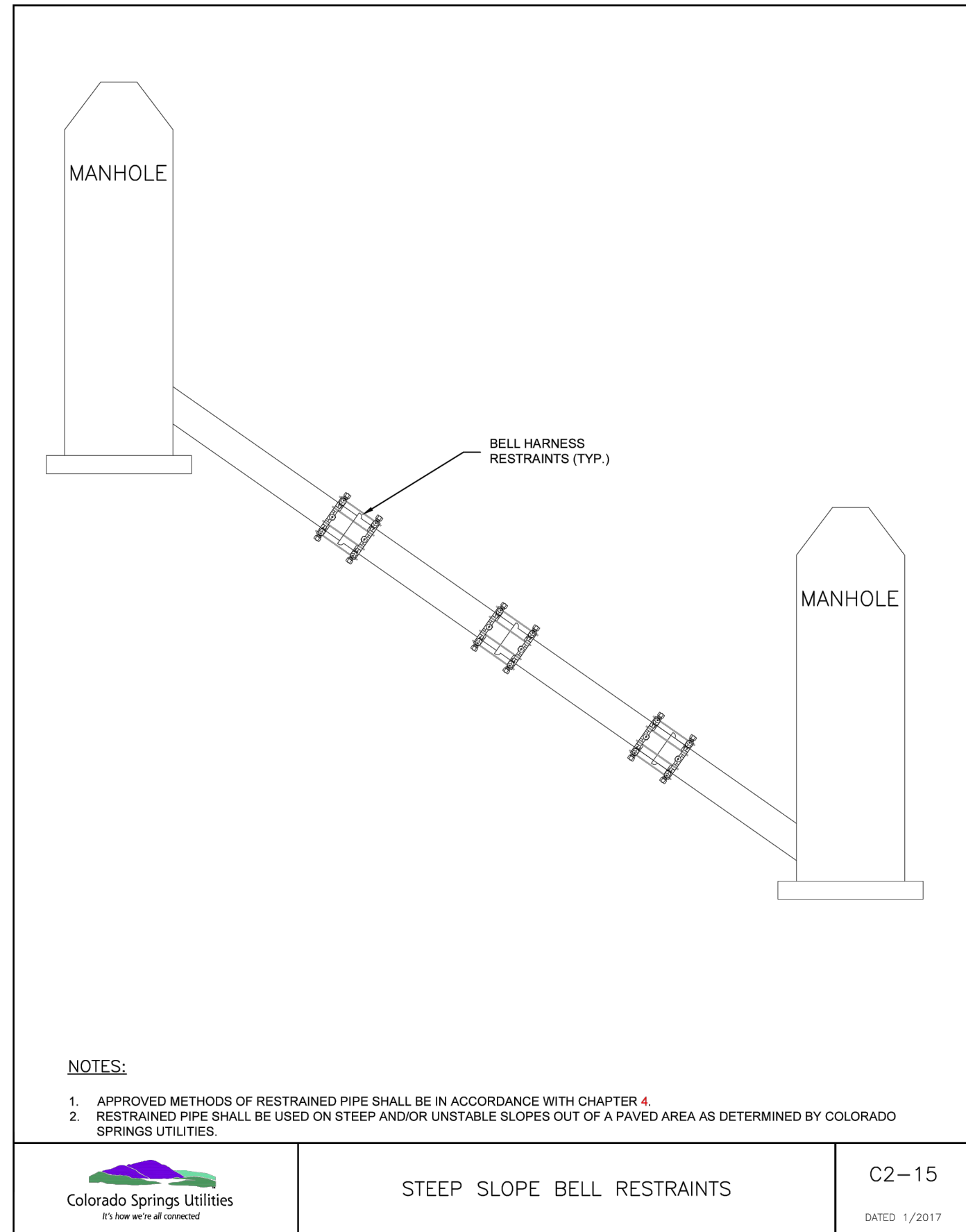
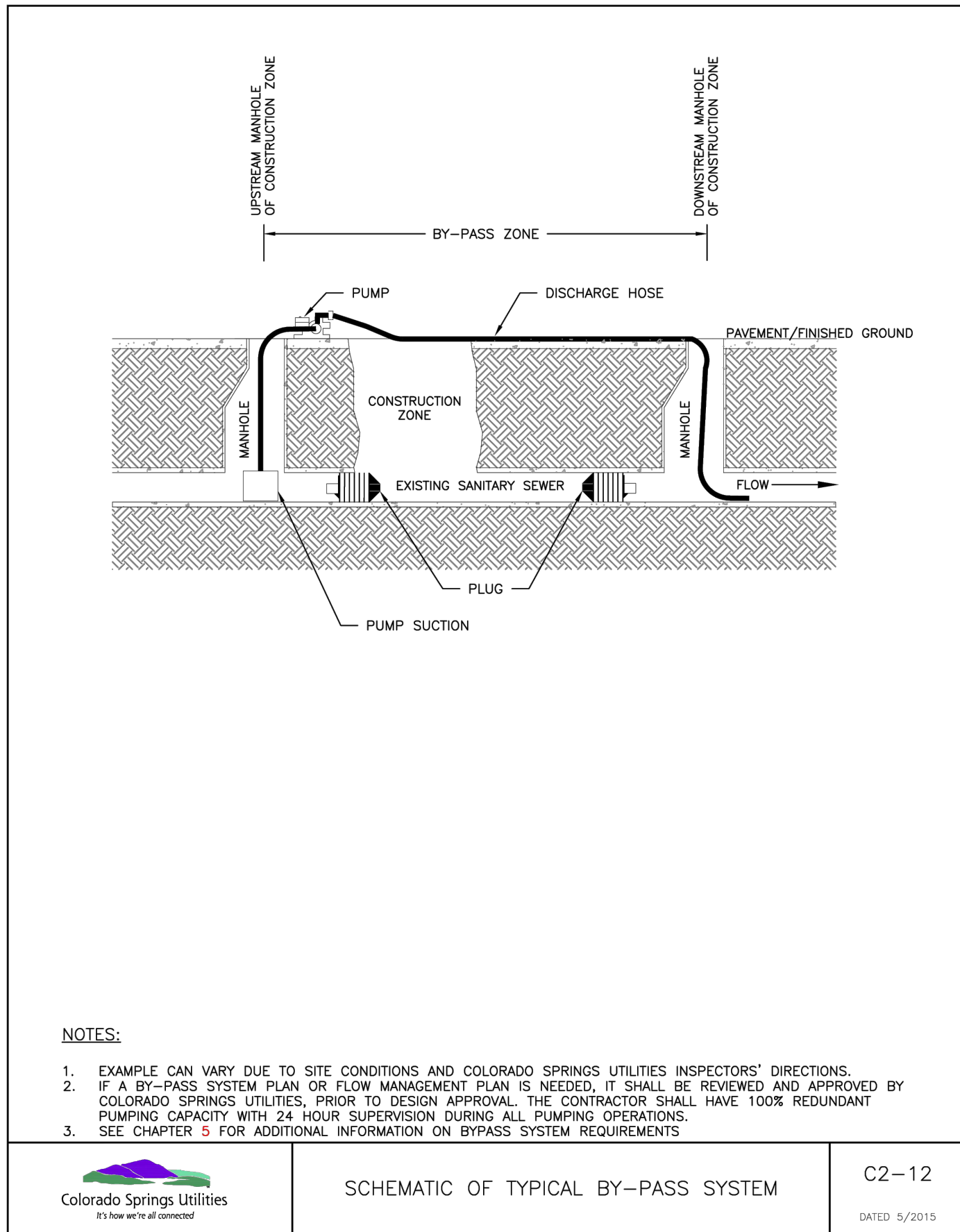
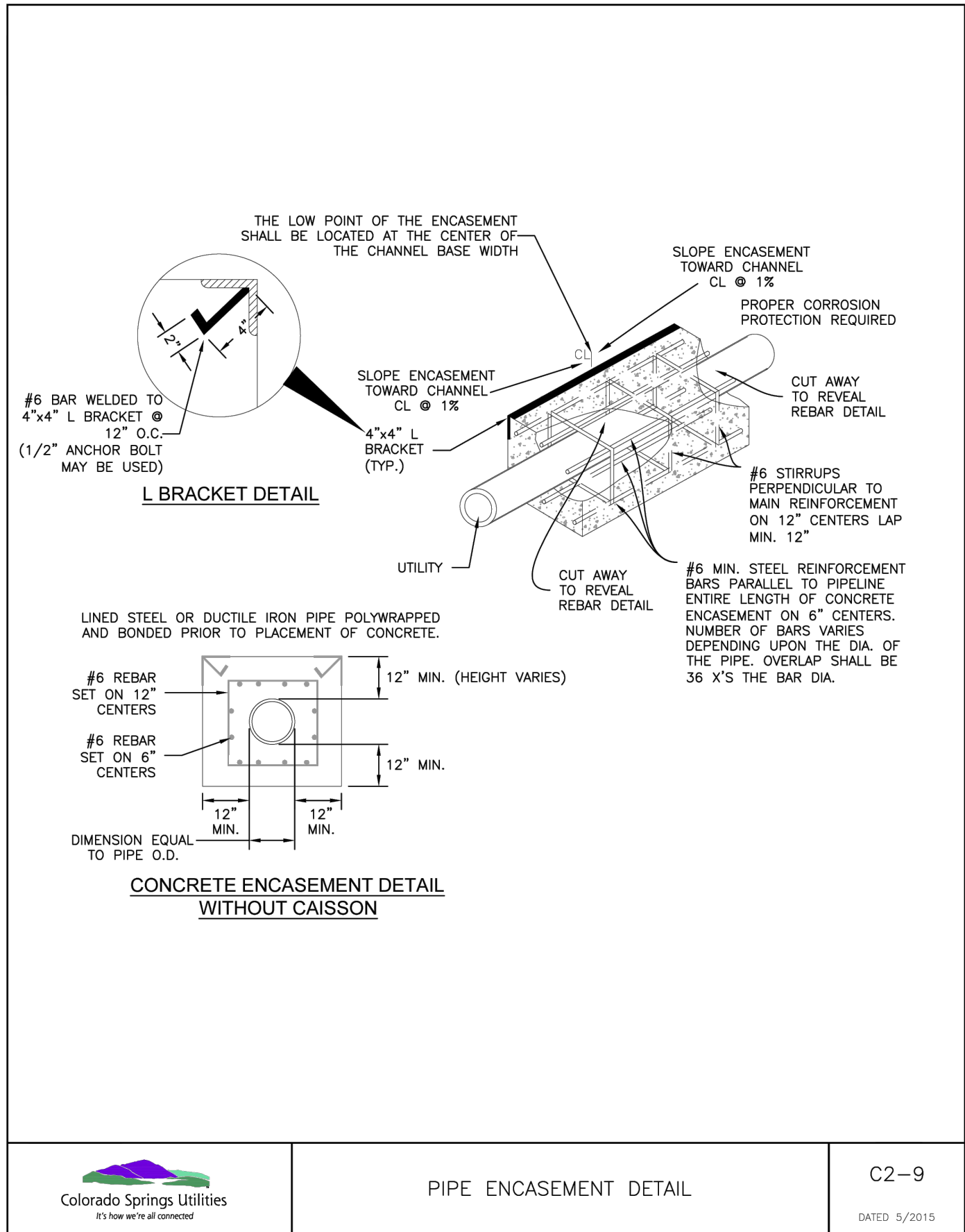
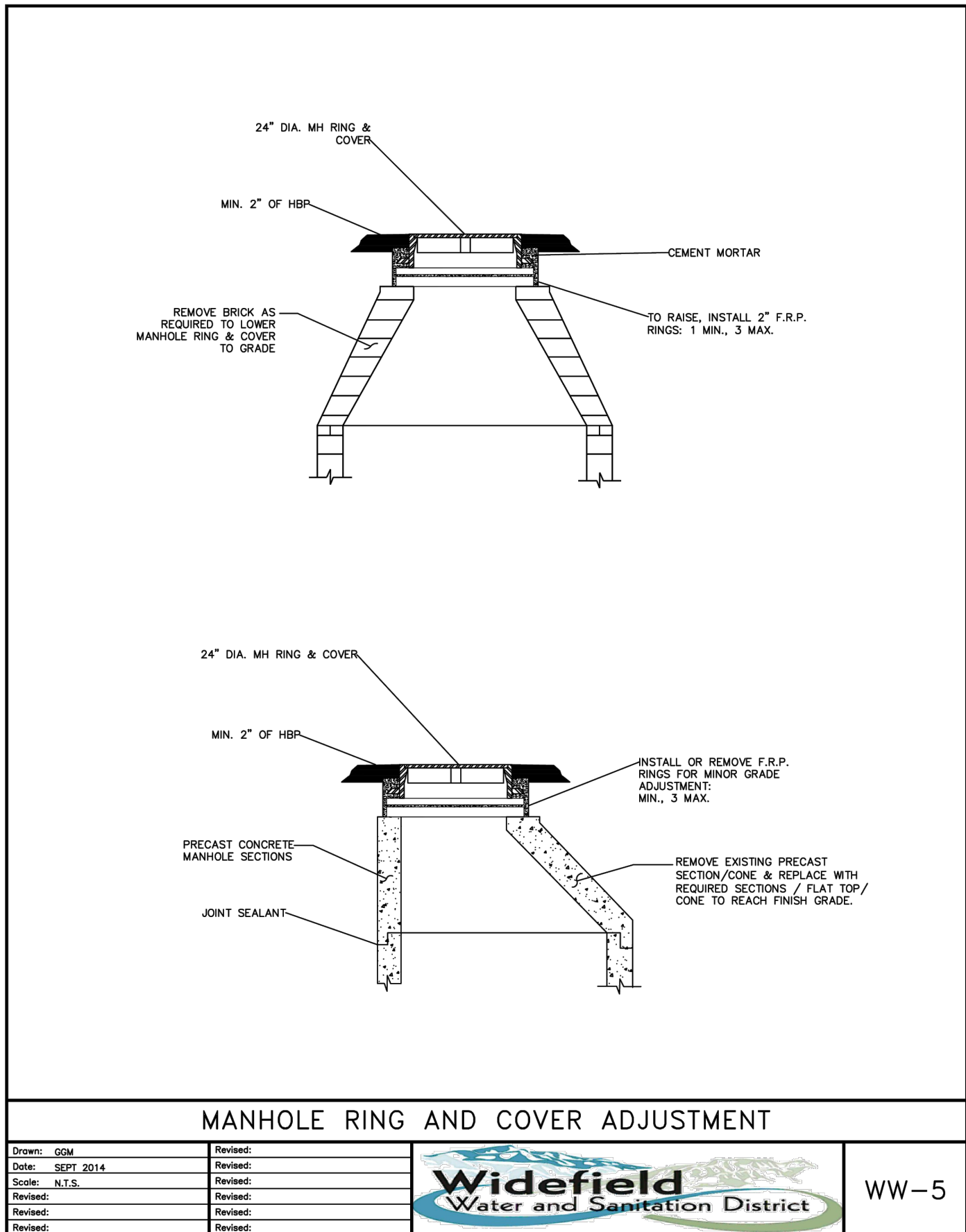
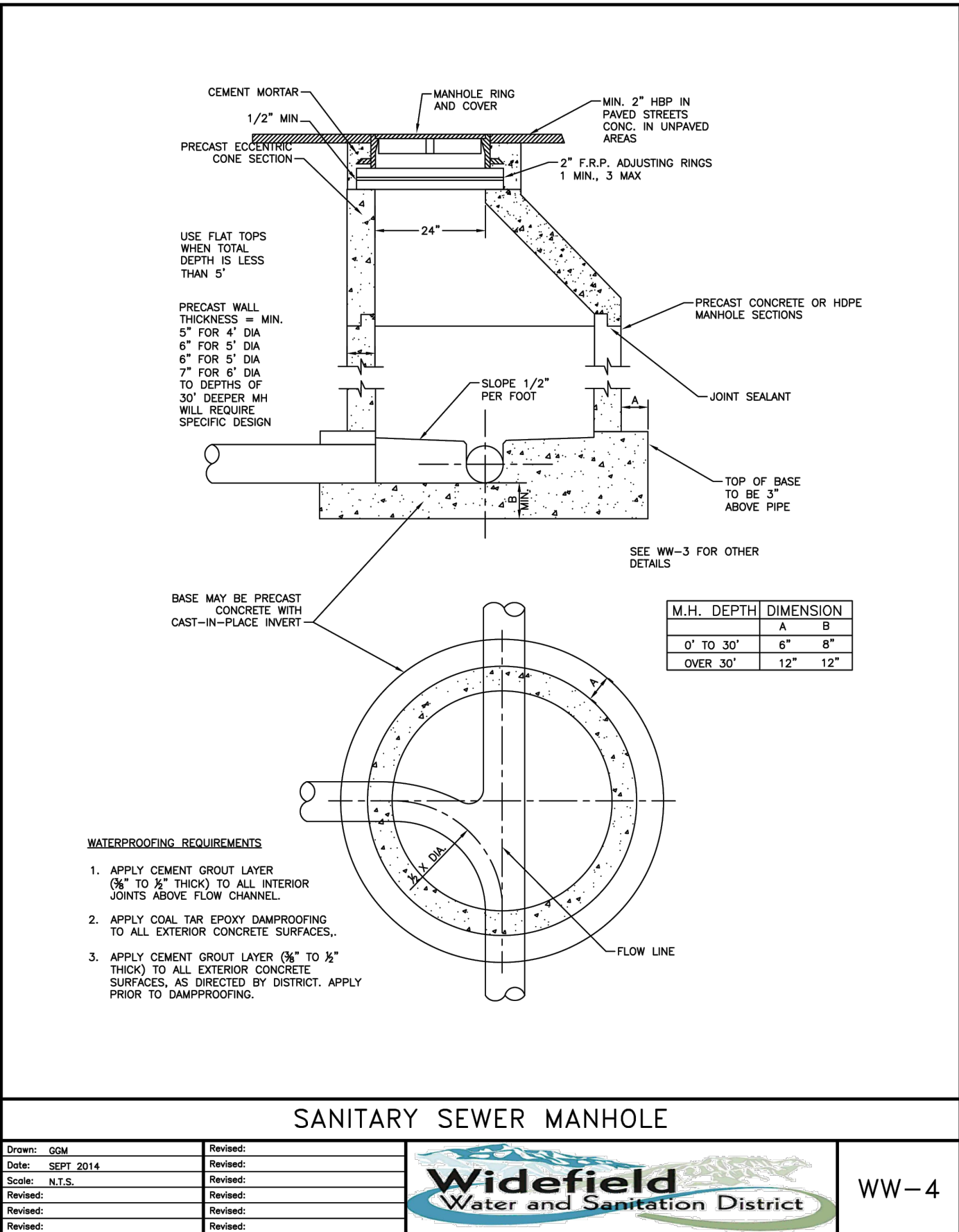
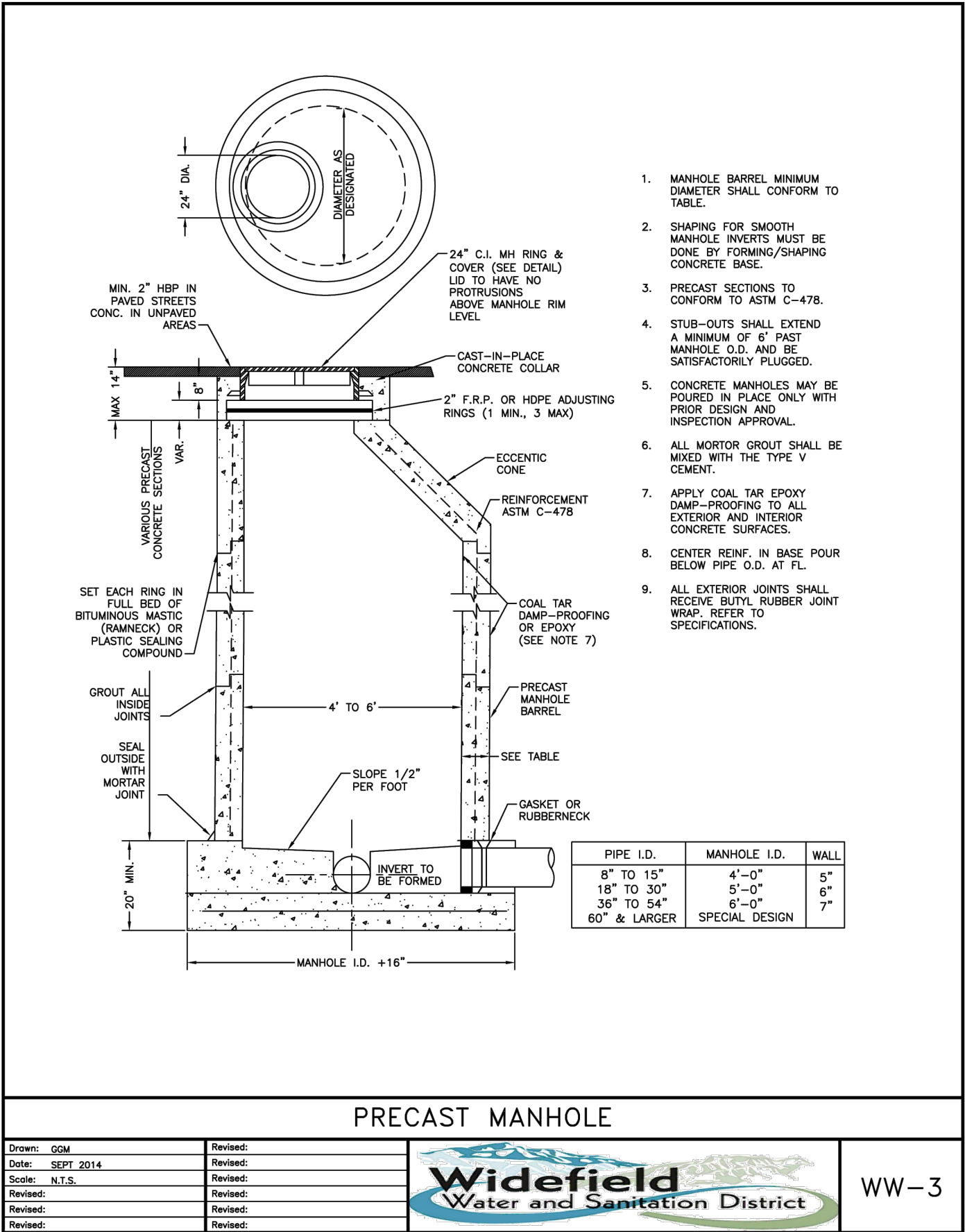
JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

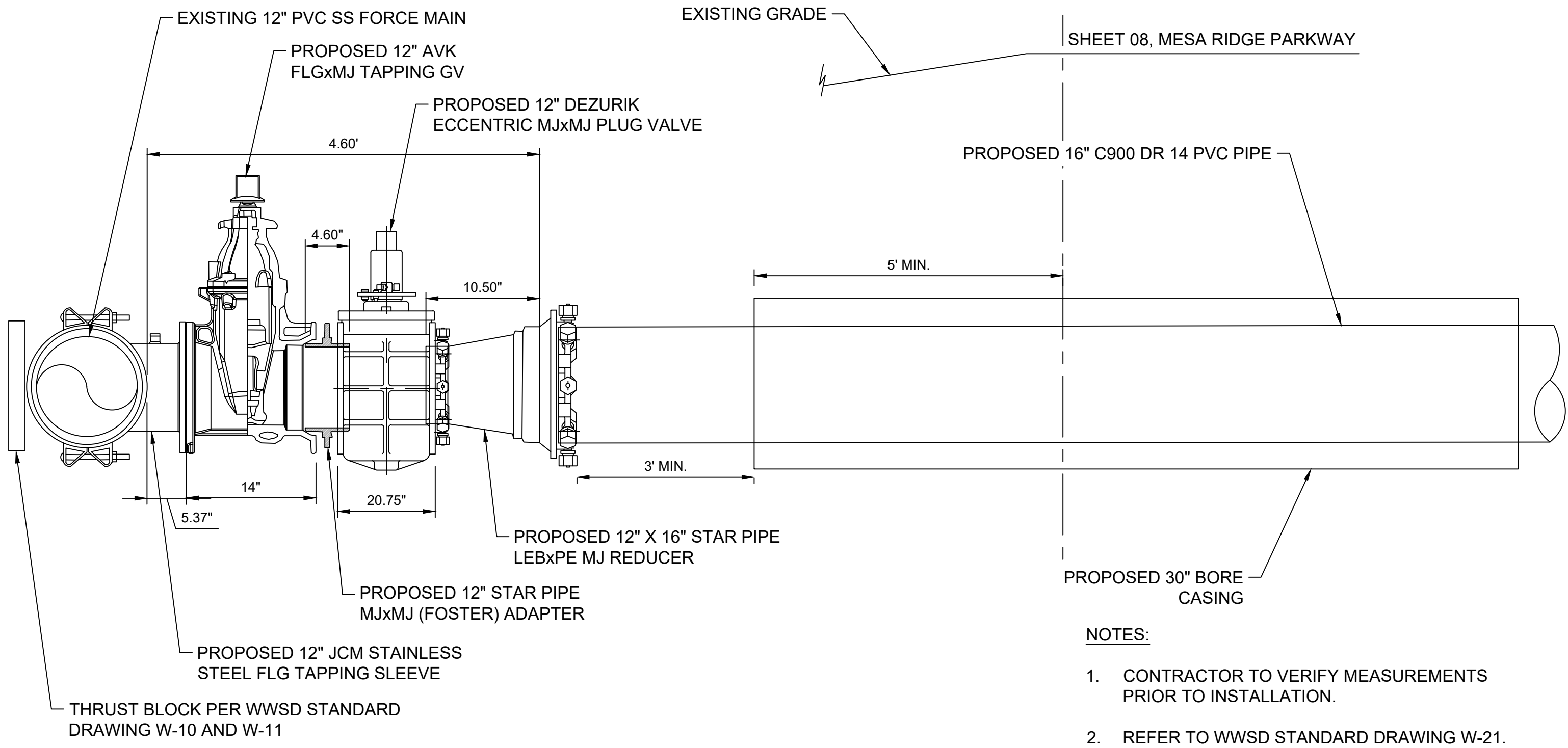
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
99-C502

SHEET NUMBER
31

File: L:\2022\2203080 - Widefield WSD Jimmy Camp FM Design\Drawings\WAC FM-59-C503-DT.dwg Last Save: 11/21/2025 1:29 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Date: 11/21/2025 2:30 PM Plotter Used: None





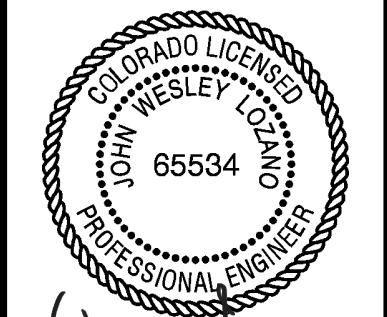
- NOTES:
1. CONTRACTOR TO VERIFY MEASUREMENTS PRIOR TO INSTALLATION.
 2. REFER TO WWSD STANDARD DRAWING W-21.

1 WET TAP AND LINE VALVE INSTALLATION ON NEW FM
99-C504 SCALE: NONE

File: L:\2022\2022\23080 - Widefield WSD Jimmy Camp FM Design\Drawings\W-C FM-99-C504-DT.dwg Last Save: 11/21/2025 1:29 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECNono.ctb Plot Scale: 12.5849 Plot Date: 11/21/2025 2:30 PM Plotter used: None



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



11/21/2025

REV.	DATE	DESCRIPTION	BY



WIDEFIELD WATER
AND SANITATION
DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

STANDARD DETAILS
IV

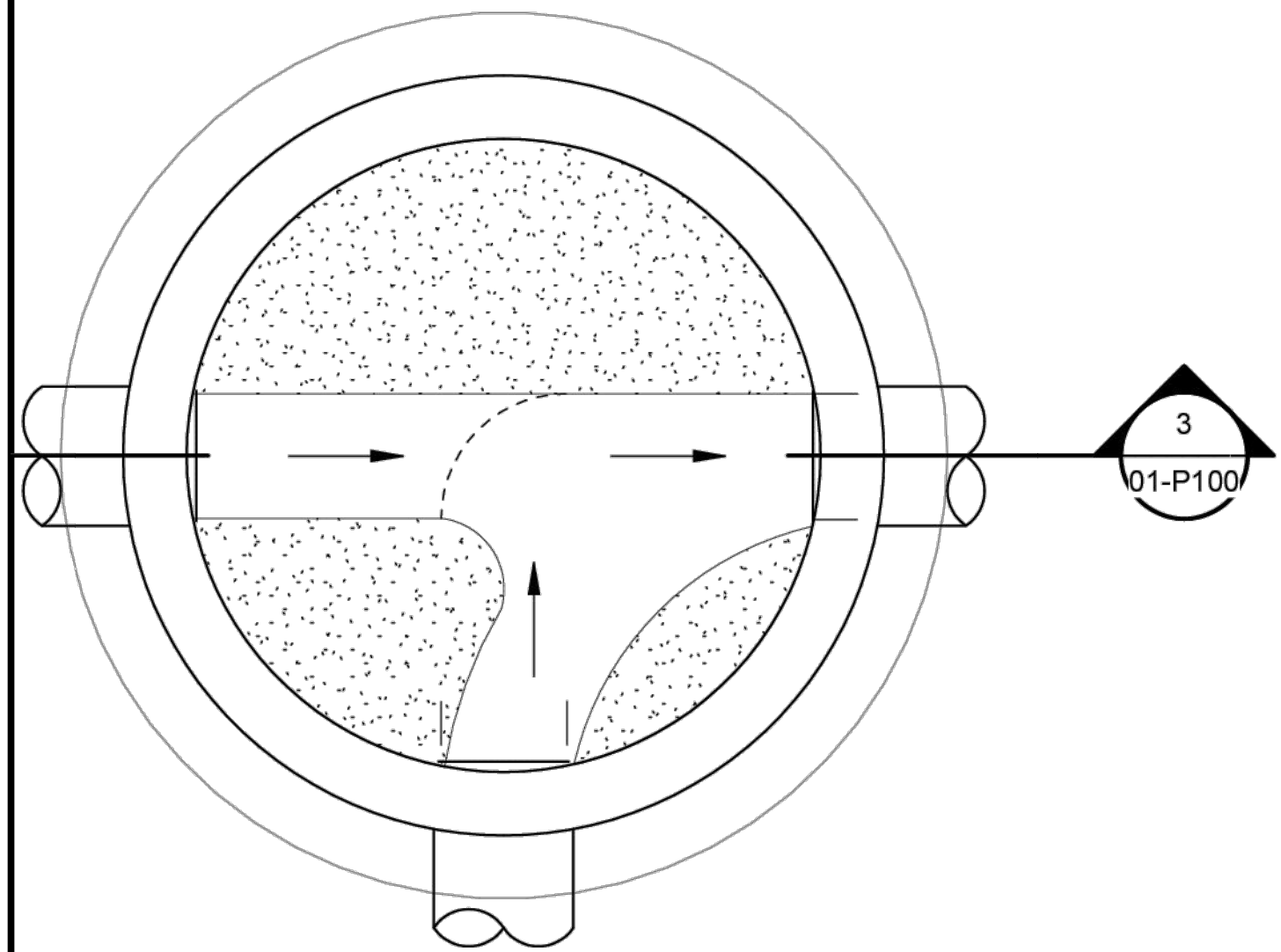
JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

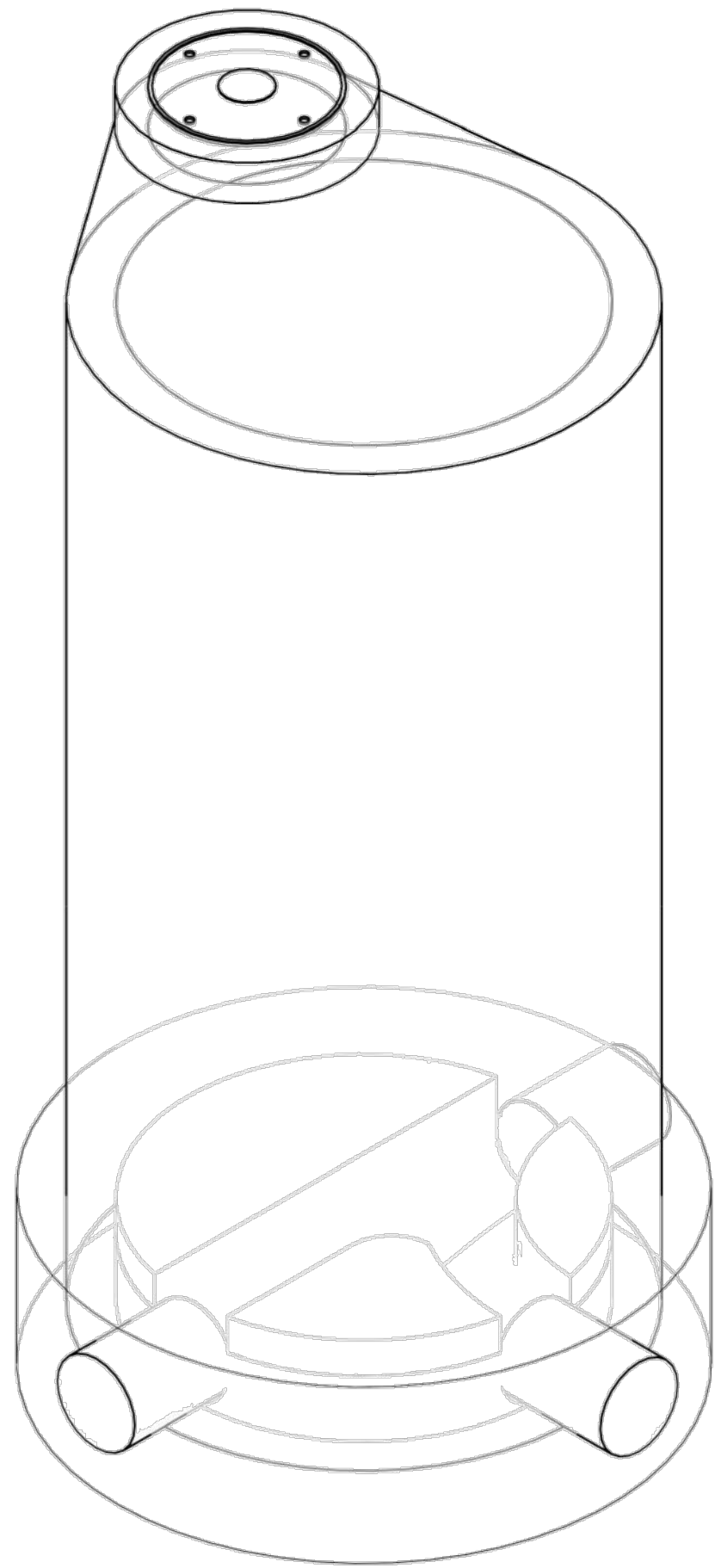
DRAWING NUMBER
99-C504

SHEET
NUMBER **33**

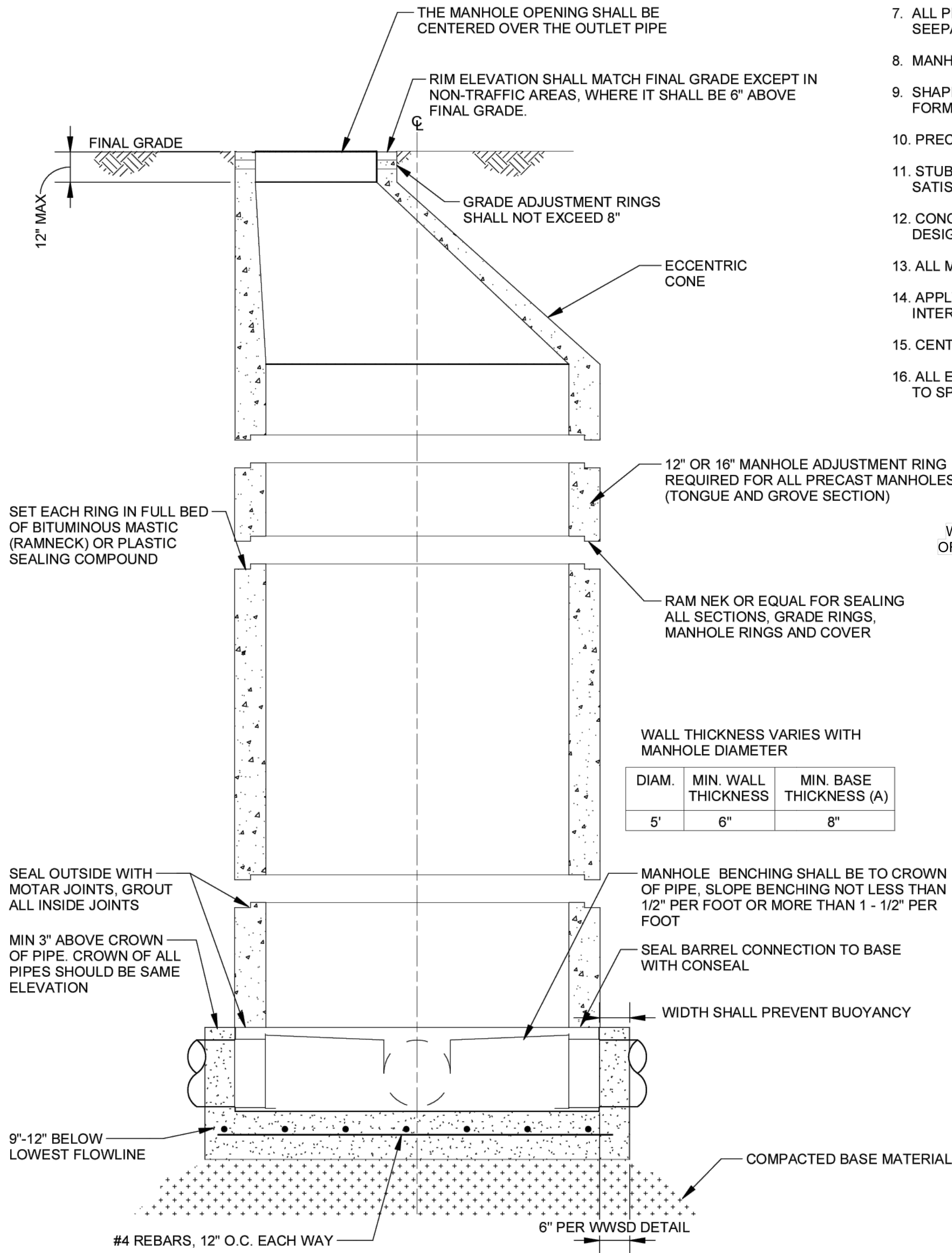
File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\W-C FM-59-C508-DT.dwg Last Save: 11/21/2025 1:33 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmonochrome.ctb Plot Scale: 1/2"=1'-0" Plot Date: 11/21/2025 2:33 PM Plotter used: None



1 LOWER PLAN
SCALE: NOT TO SCALE



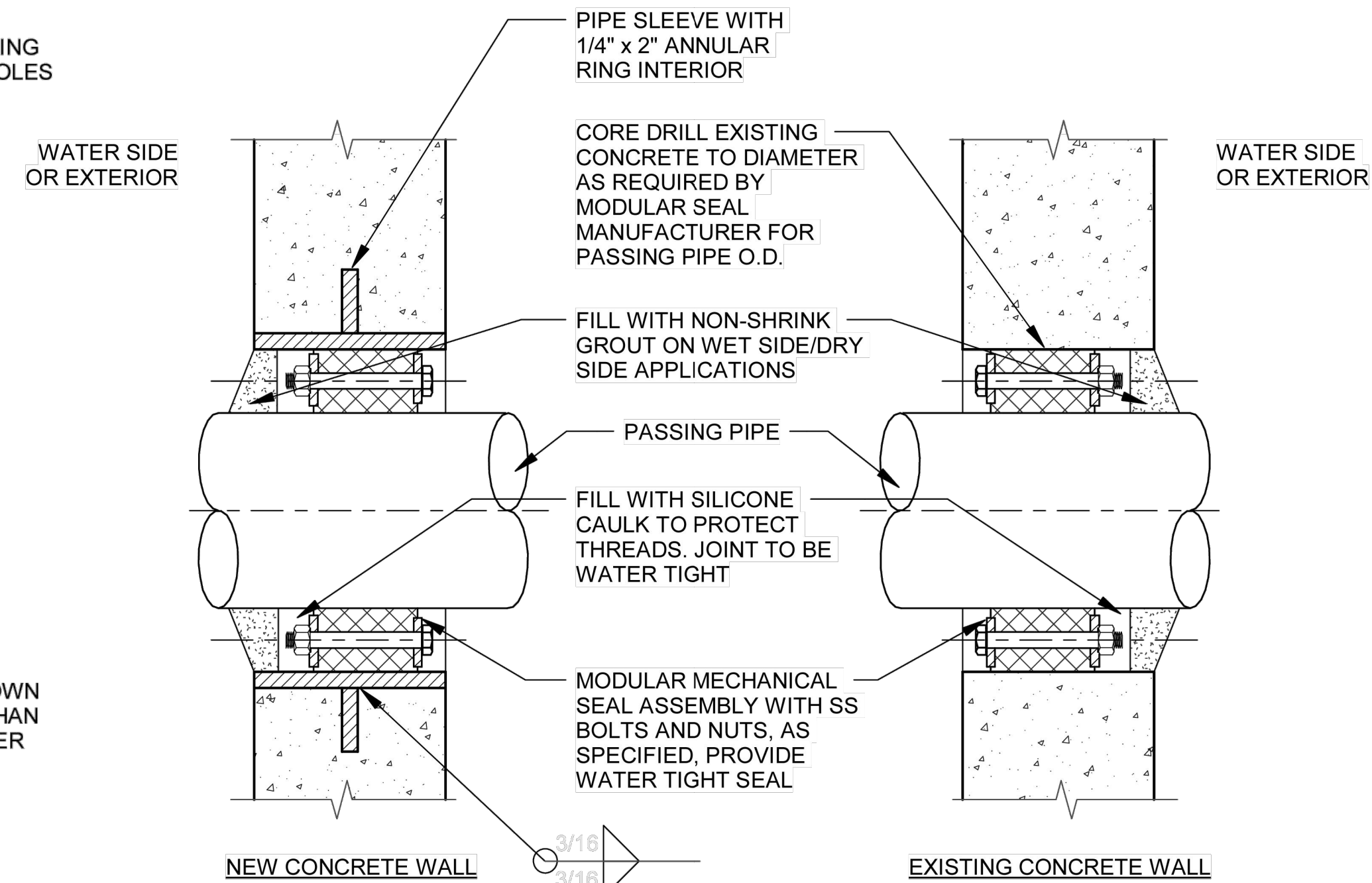
2 ISOMETRIC
01-P100 SCALE: NOT TO SCALE



3 SECTION
01-P100 SCALE: 3/4" = 1'-0"

NOTES:

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF NOT LESS THAN 4000 PSI @ 28 DAYS AND DESIGNED FOR HS-20 LOADING CONDITIONS.
2. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED.
3. FOR CAST IN PLACE MANHOLES, DO NOT DROP CONCRETE A DISTANCE OF MORE THAN 5' UNLESS APPROVED BY WIDEFIELD WATER AND SANITATION DISTRICT.
4. 3/4" CRUSHED ROCK REQUIRED UNDER BASE TO A DEPTH OF 12" UP TO SPRINGLINE OF PIPE, 2'-3" RADIUS AROUND BASE.
5. ALL STEPS SHALL BE REMOVED FOLLOWING CONSTRUCTION.
6. STRUCTURAL REINFORCEMENT SHALL COMPLY TO ASTM C-478. ASTM C-478 SHALL BE STAMPED ON THE OUTSIDE OF THE MANHOLE.
7. ALL PIPES IN/OUT OF MH SHOULD HAVE WATERSTOPS TO PREVENT WATER SEEPAGE.
8. MANHOLE BARREL MINIMUM DIAMETER SHALL CONFORM TO TABLE.
9. SHAPING FOR SMOOTH MANHOLE INVERTS MUST BE DONE BY FORMING/SHAPING CONCRETE BASE.
10. PRECAST SECTIONS TO CONFORM TO ASTM C-478.
11. STUB - OUTS SHALL EXTEND A MINIMUM OF 6' PAST MANHOLE O.D. AND BE SATISFACTORILY PLUGGED.
12. CONCRETE MANHOLES MAY BE POURED IN PLACE ONLY WITH PRIOR DESIGN AND INSPECTION APPROVAL.
13. ALL MOTOR GROUT SHALL BE MIXED WITH THE TYPE V CEMENT.
14. APPLY COAL TAR EXPOXY DAMP - PROOFING TO ALL EXTERIOR AND INTERIOR CONCRETE SURFACES.
15. CENTER REINF. IN BASE POUR BELOW PIPE O.D. AT FL.
16. ALL EXTERIOR JOINTS SHALL RECEIVE BUTYL RUBBER JOINT WRAP. REFER TO SPECIFICATIONS.



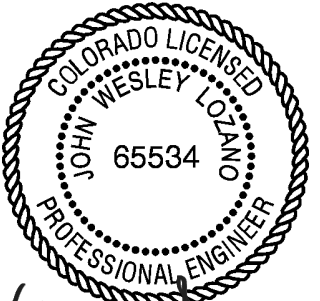
NOTES:

1. WHERE EXISTING CONCRETE STRUCTURE IS TO BE CORE DRILLED, THE CONTRACTOR SHALL ULTRASONIC TEST OR X-RAY THE AREA FOR EMBEDDED ITEMS BEFORE CORE DRILLING CAN PROCEED. IF EMBEDDED ITEMS ARE FOUND, NOTIFY THE ENGINEER IMMEDIATELY.
2. FOR NEW CONSTRUCTION, SLEEVES SHALL BE CAST INTO WALL. BLOCKOUTS AND SUBSEQUENT GROUTED IN SLEEVES WILL NOT BE PERMITTED UNLESS A KEYED WATERSTOP JOINT IS PROVIDED.
3. 6" DIAMETER SLEEVES AND SMALLER SHALL BE SCHEDULE 40 STEEL PIPE.
4. SLEEVES LARGER THAN 6" DIAMETER SHALL BE 1/4" THICK STEEL PIPE.
5. IN WALLS THICKER THAN 12", LINK SEAL SHALL BE INSTALLED AT BOTH ENDS OF THE WALL SLEEVE. SLEEVE DIAMETER SHALL BE PER LINK SEAL MANUFACTURER'S RECOMMENDATION.
6. SLEEVE SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.

4 WALL PENETRATION SEAL
99-C506 SCALE: NONE



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



Tom Wesley
11/21/2025

BY	DESCRIPTION	DATE	REV.

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO
JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

STANDARD DETAILS
VI

JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

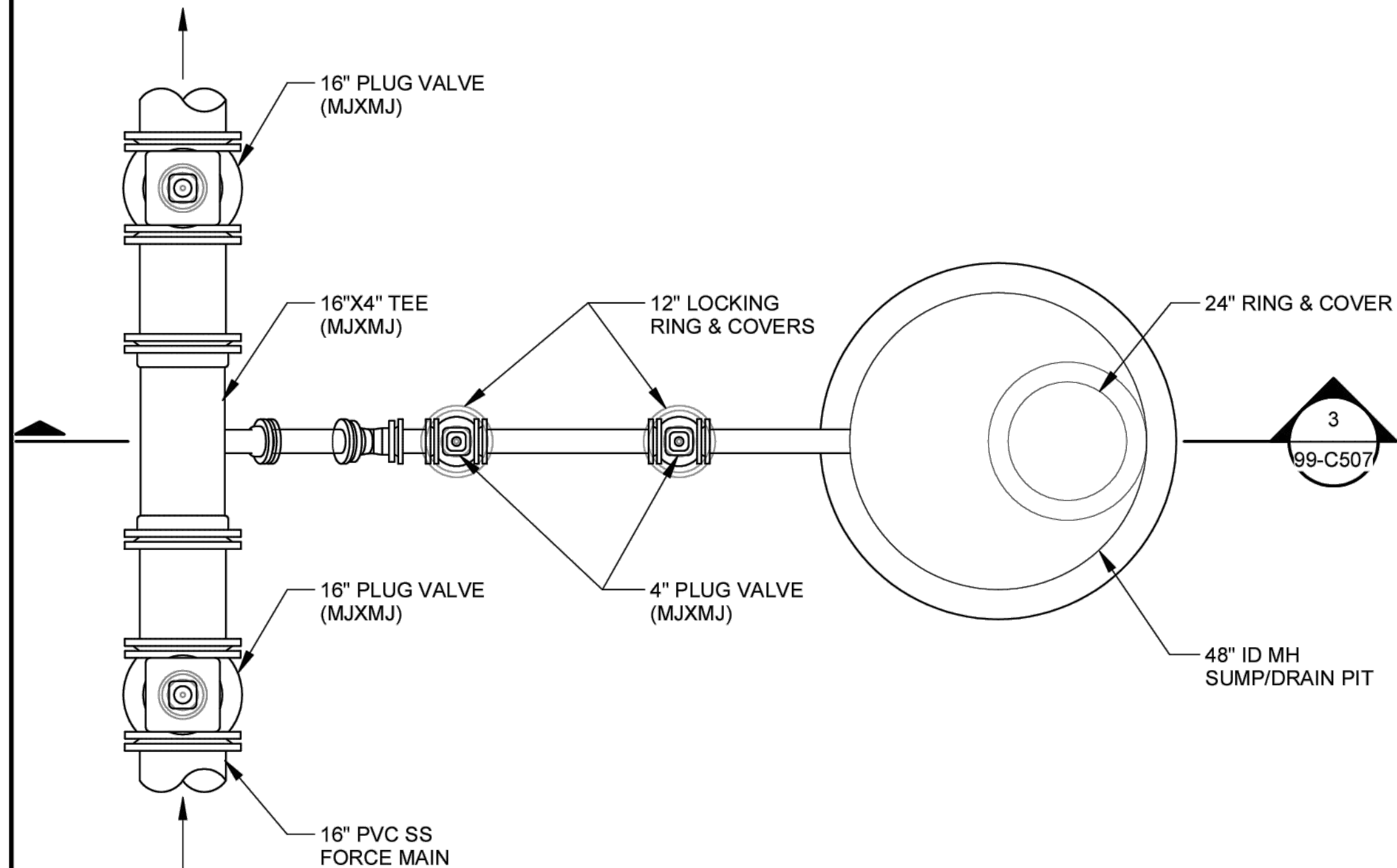
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

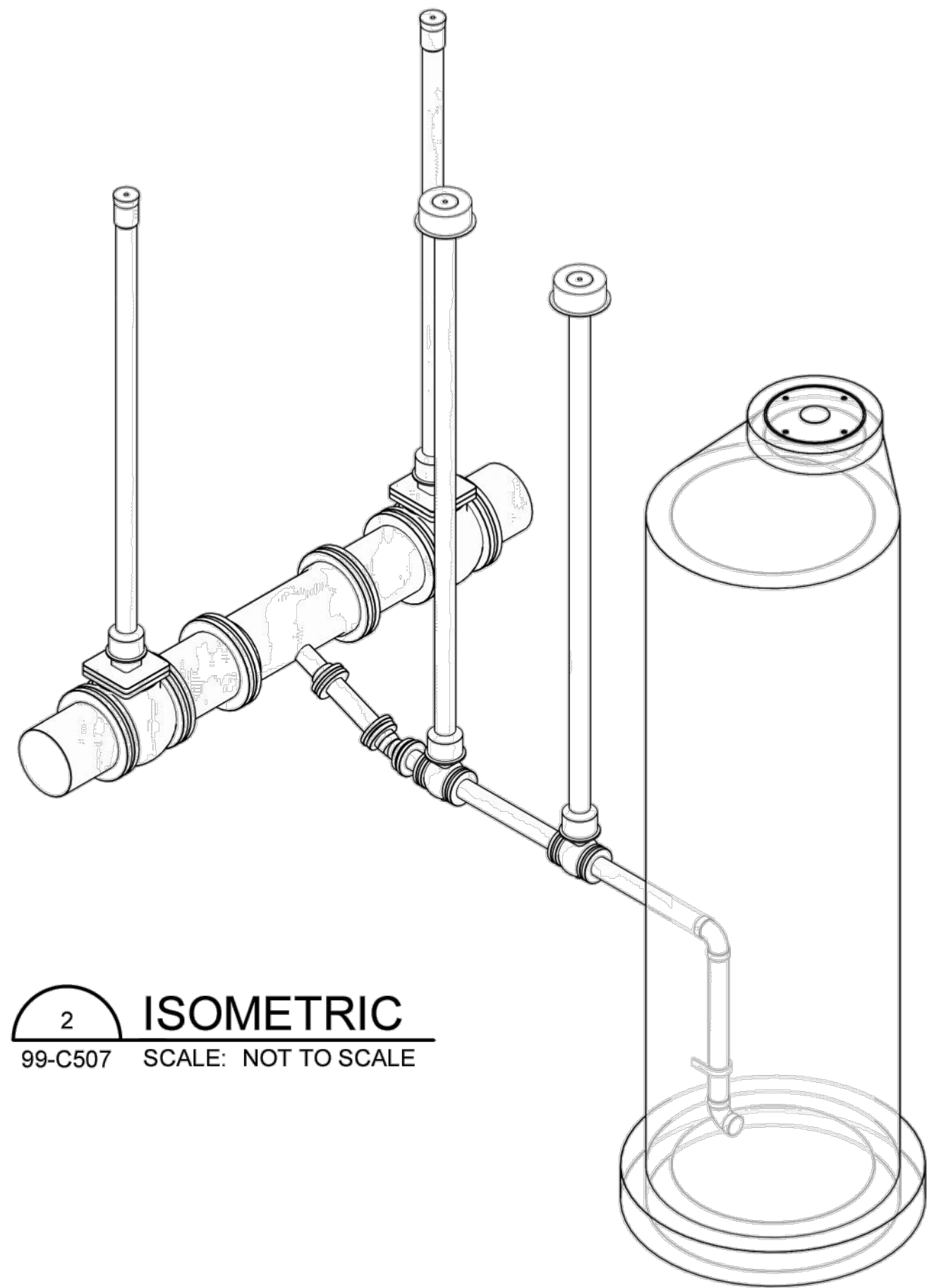
99-C506

SHEET NUMBER 34

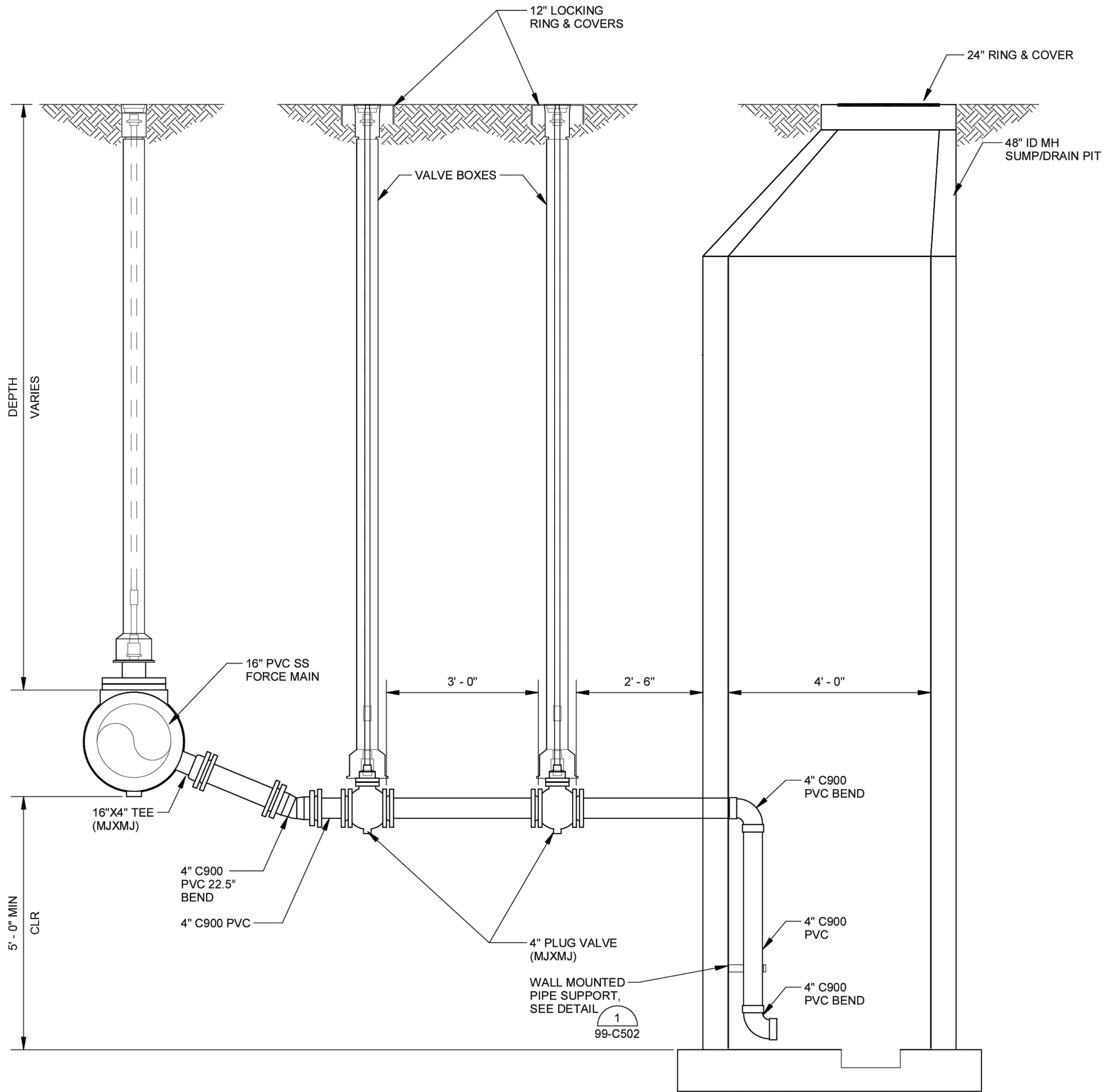
File: L:\2022\22W23080 - Widefield WSD Jimmy Camp FM Design\Drawings\WIC FM-99-C508-DT.dwg Last Save: 11/21/2025 1:33 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Date: 11/21/2025 2:33 PM Plotter used: None



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



2 ISOMETRIC
99-C507 SCALE: NOT TO SCALE

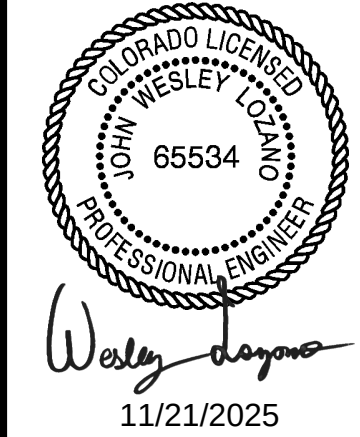


3 SECTION
99-C507 SCALE: 3/4" = 1'-0"

NOTES:
SEE SHEET 99-C503, DETAILS WW-3, WW-4,
AND WW-5 FOR MANHOLE INSTALLATION.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY OF
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.



REV.	DATE	DESCRIPTION	BY

WIDEFIELD WATER
AND SANITATION
DISTRICT
WIDEFIELD, COLORADO
JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

STANDARD DETAILS
VII

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWJ
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

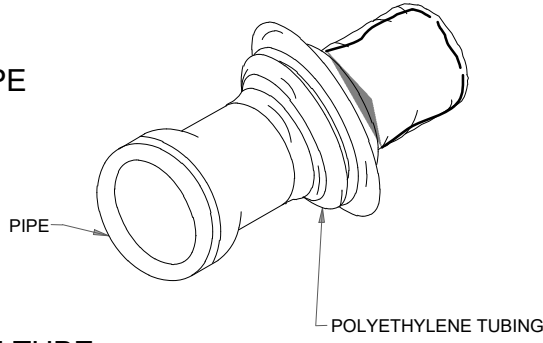
99-C507

SHEET
NUMBER 35

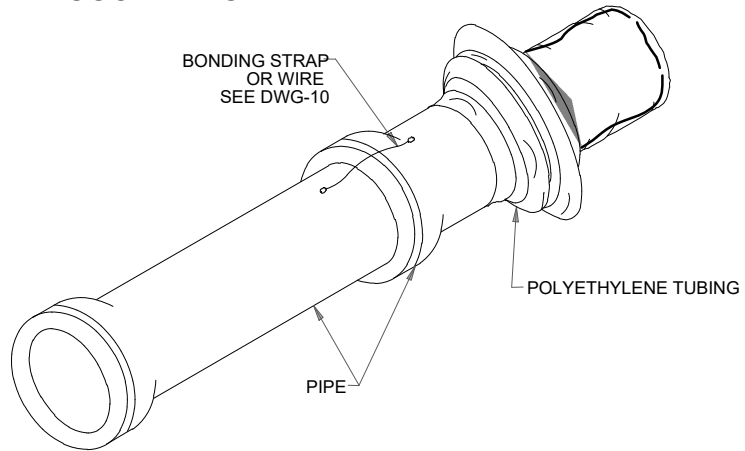
File: L:\2022\2023080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WJC FM-59-C507-DT.dwg Last Save: 11/21/2025 1:30 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECmon.ctb Plot Date: 11/21/2025 2:33 PM Plotter used: None

FIELD INSTALLATION OF POLYETHYLENE WRAP

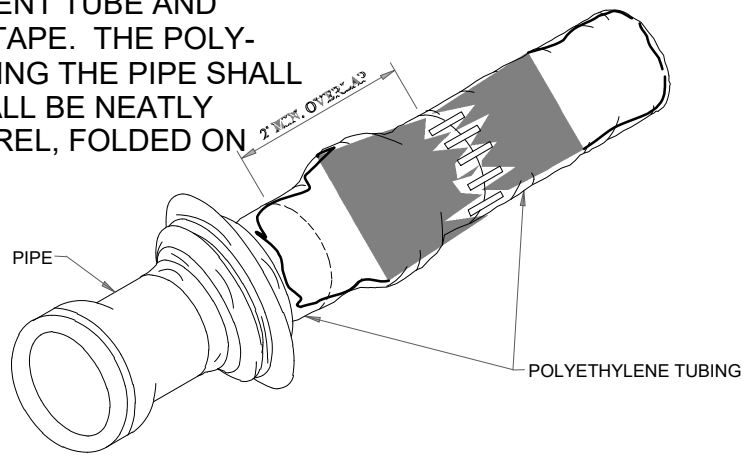
STEP 1:
PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.



STEP 2:
PULL TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO END AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE. INSTALL BONDING STRAP OR WIRE AT EVERY JOINT OF PIPE PRIOR TO WRAPPING IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.



STEP 3:
OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF PIPE AND TAPED IN PLACE.

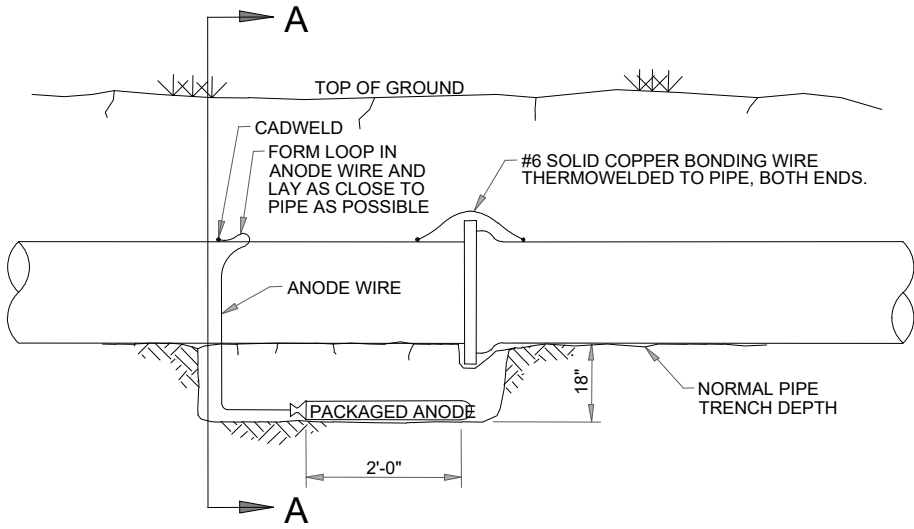


POLYETHYLENE WRAP

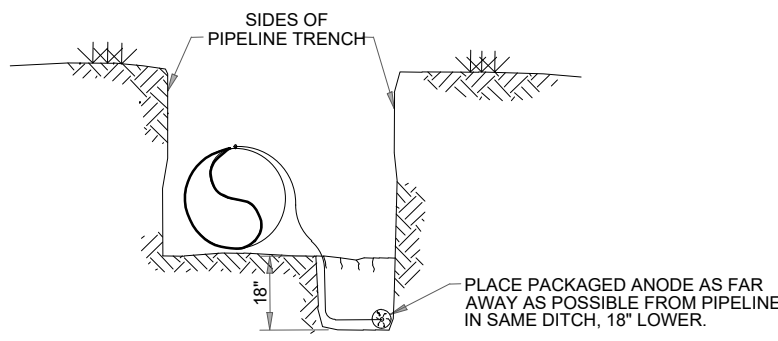
DRAWN:	REVISED: JAN 2001
DATE: OCT 1998	REVISED:
SCALE: NONE	REVISED:

DWG - 9

BONDING JOINT & ANODE INSTALLATION



ELEVATION



SECTION A-A

NOTE:

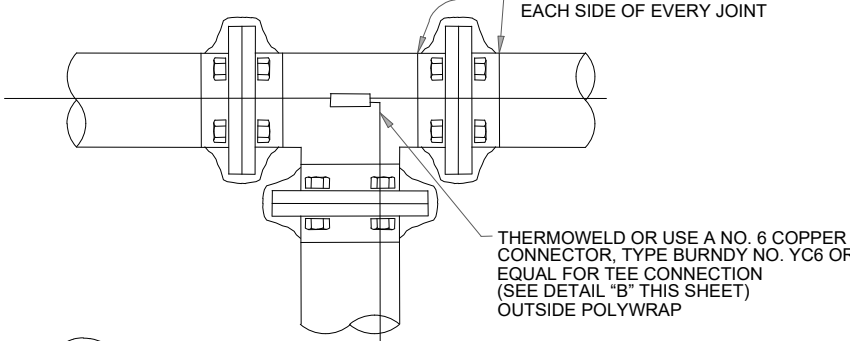
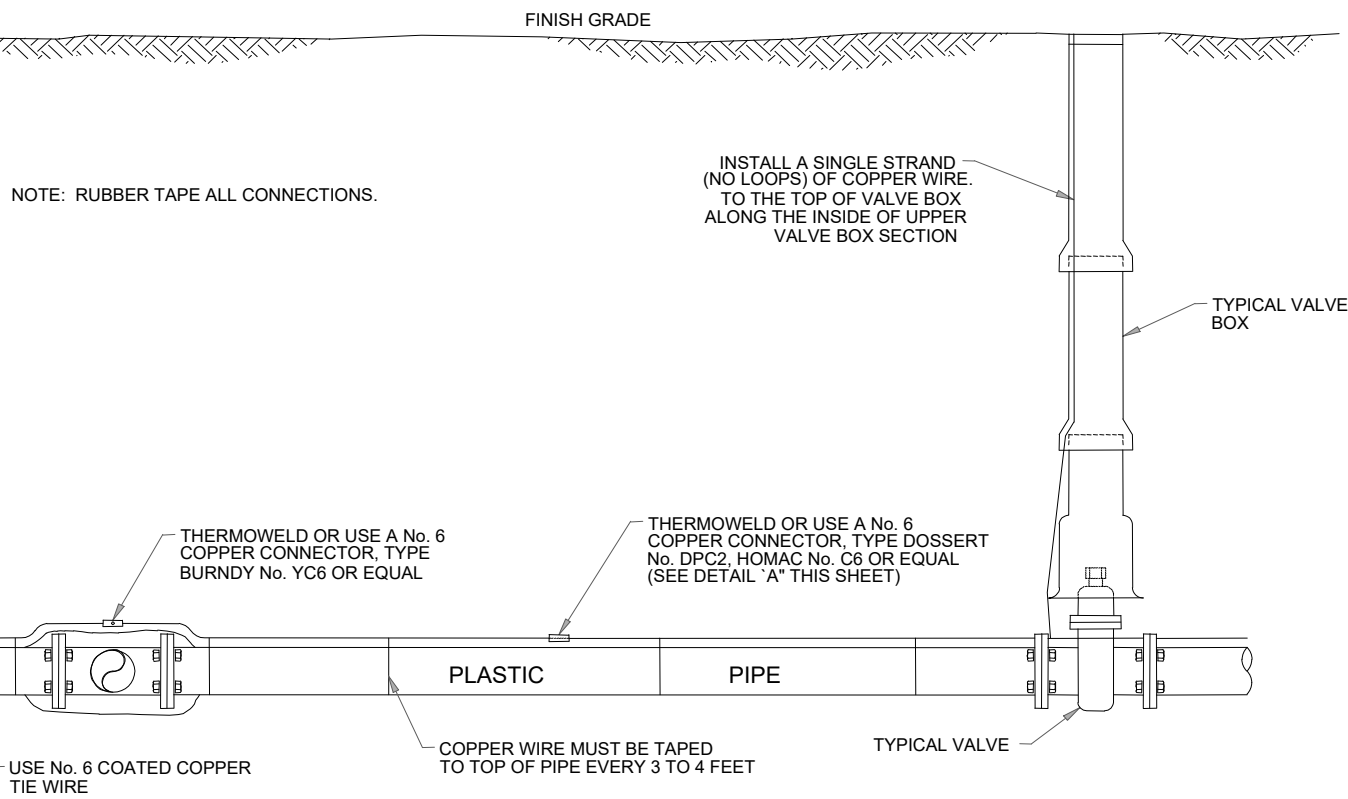
- CADWELD CONNECTION TO BE PRIMED AND COATED CAREFULLY. PACKAGED ANODE SHOULD BE COVERED WITH FINE SOIL CONTAINING NO ROCKS OR DIRT CLUMPS, TAMPED.
- WHEN ANODES ARE REQUIRED WITH METAL FITTINGS AND APPURTENANCES TOGETHER WITH PVC PIPE INSTALLATION, THE ANODES SHALL BE PLACED AND ATTACHED TO THE METAL IN SAME MANNER AS SHOWN IN THE DRAWING.

BONDING JOINT & ANODE INSTALLATION

DRAWN:	REVISED: JAN 2001
DATE: OCT 1998	REVISED:
SCALE: NONE	REVISED:

DWG - 10

COPPER TRACER WIRE ON PVC PIPE



DETAIL "A"

DETAIL "B"

COPPER TRACER WIRE ON PVC PIPE

DRAWN:	REVISED: AUG 2002
DATE: NOV 1998	REVISED: JAN 2006
SCALE: NONE	REVISED:

DWG - 12

NOTES:

- THESE DETAILS SHALL BE FOLLOWED FOR ALL CITY OF FOUNTAIN INFRASTRUCTURE WITHIN THE CITY OF FOUNTAIN LIMITS, UNLESS OTHERWISE NOTED IN THE PLANS.



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

BY	DESCRIPTION	DATE	REV.

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

COF DETAILS 1

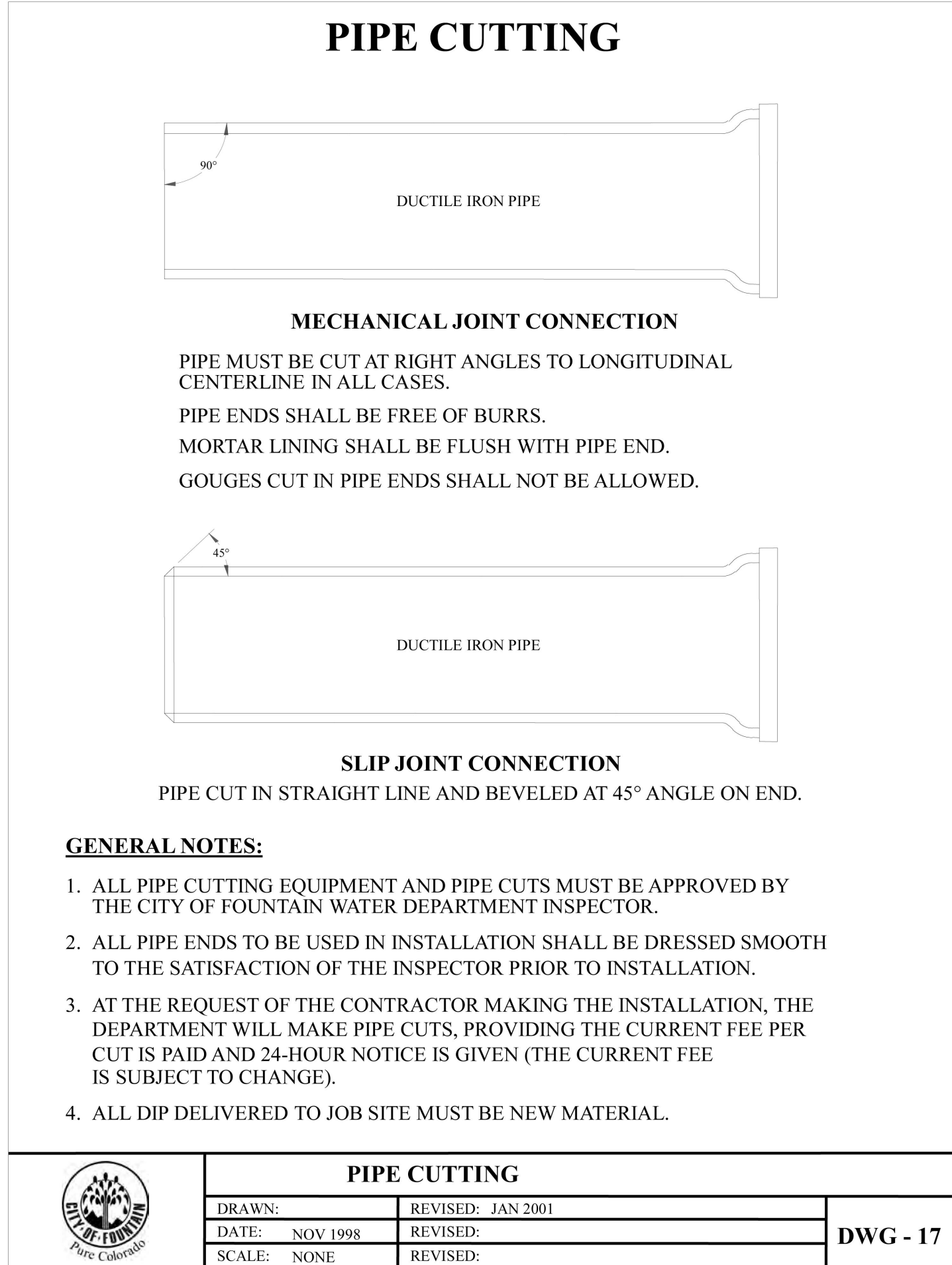
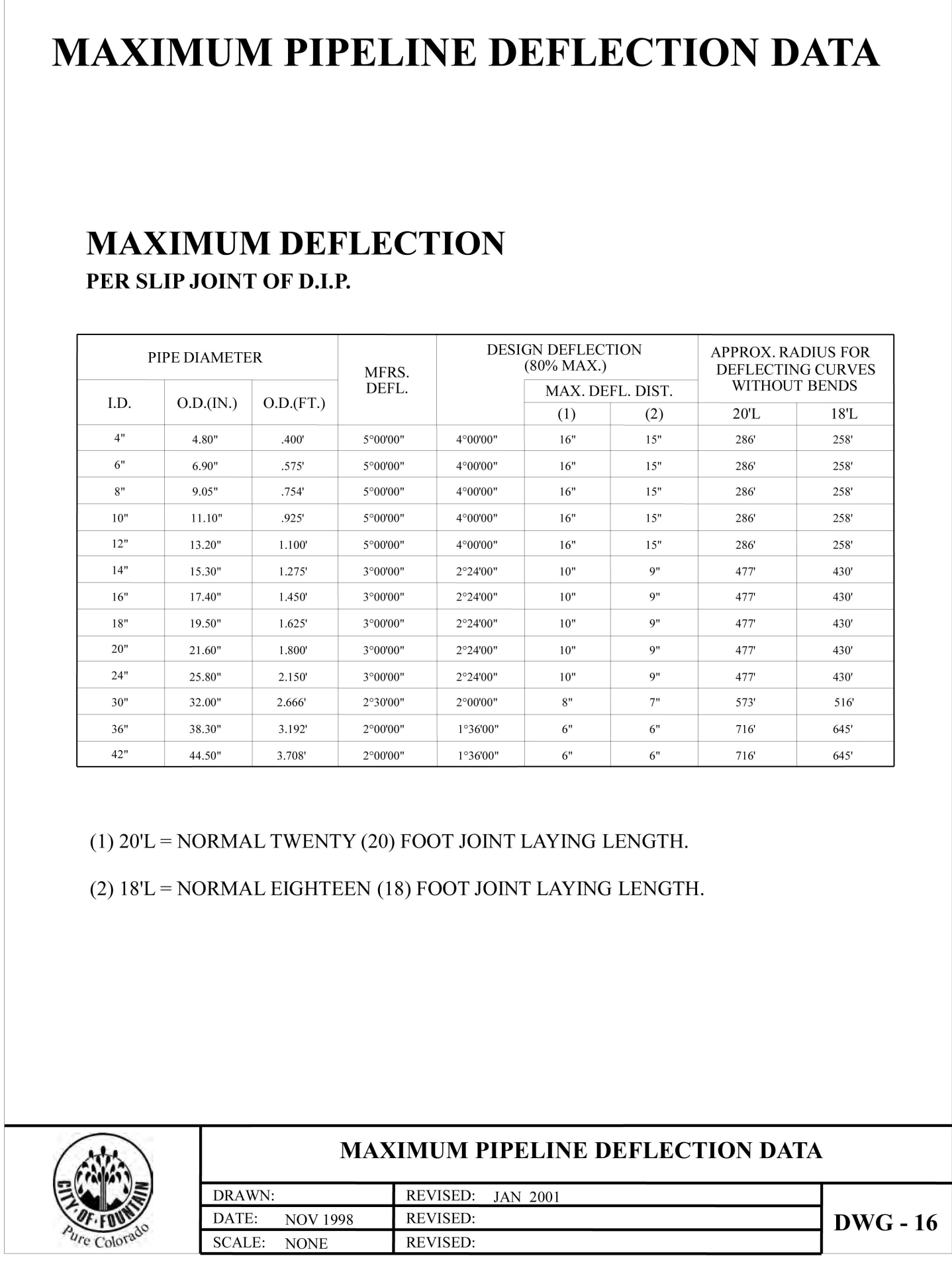
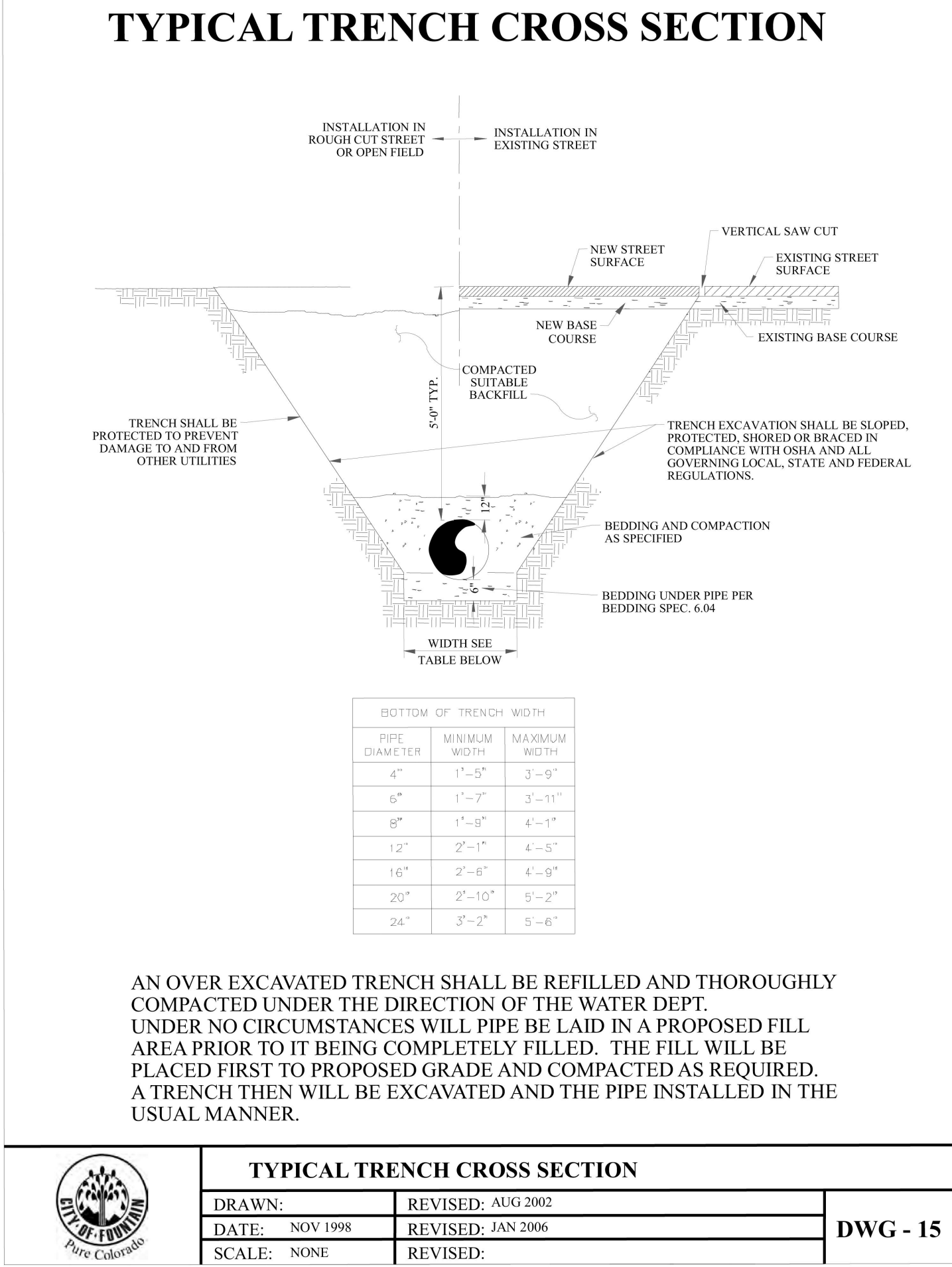
JOB NO.: 22W23080
DATE: NOV, 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

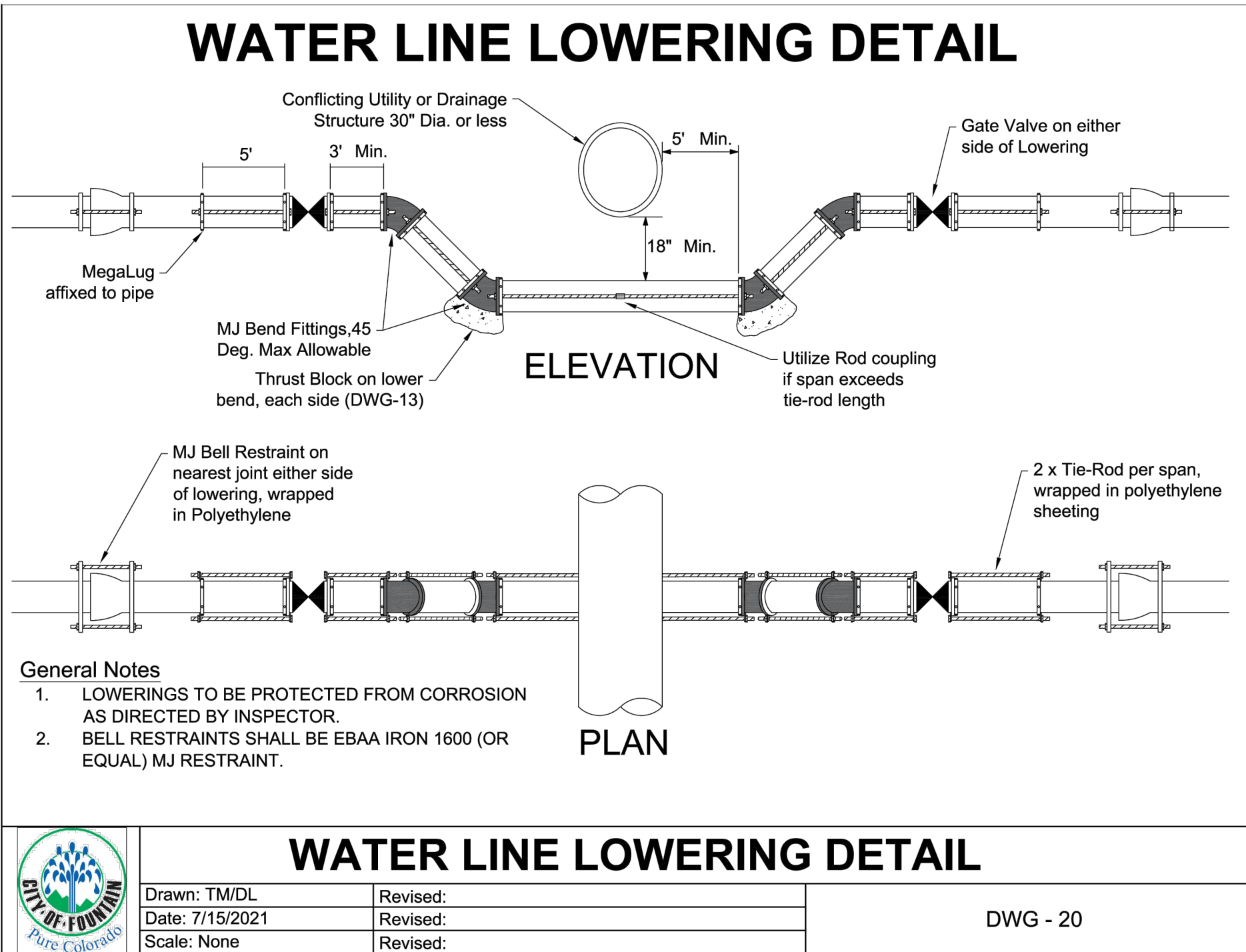
DRAWING NUMBER
99-C508

SHEET NUMBER
36

File: L:\2022\2022080 - Widefield WSD\Jimmy Camp FM Design\Drawings\WJC FM-59-C507-DT.dwg Last Save: 11/21/2025 1:30 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECOnono.ctb Plot Date: 11/21/2025 2:33 PM Plotter used: None

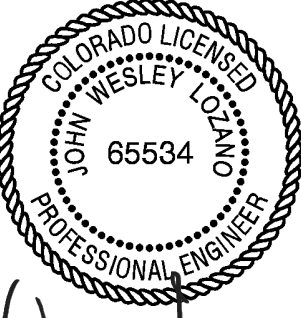


- NOTES:
- THESE DETAILS SHALL BE FOLLOWED FOR ALL CITY OF FOUNTAIN INFRASTRUCTURE WITHIN THE CITY OF FOUNTAIN LIMITS, UNLESS OTHERWISE NOTED IN THE PLANS.





© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



11/21/2025

BY:			
DESCRIPTION			
DATE			
REV.			



WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN

COF DETAILS 2

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWLG
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
99-C509

SHEET NUMBER
37

File: L:\2022\2023080 - Widefield WSD\Drawings\WAC FM-59-C507-DT.dwg Last Save: 11/21/2025 1:30 PM Last saved by: F.Chavez
Last plotted by: Chavez, Francisco J. (Paco) Plot Style: AECOnono.ctb Plot Scale: 1/2"=1'-0" Plot Date: 11/21/2025 2:33 PM Plotter used: None

APPLICATIONS FOR MECHANICAL JOINT RESTRAINTS

NOTE: ALL JOINTS BETWEEN HYDRANT AND TEE MUST BE RESTRAINED.

INSTALLATION FOR BENDS

INSTALLATION FOR FIRE HYDRANT

INSTALLATION FOR LINE VALVE

CROSS INSTALLATION

TEE INSTALLATION

CROSS INSTALLATION

NOTE:

1. ALL MECHANICAL JOINTS MUST USE MEGGA LUG OR EQUAL.

CITY OF FOUNTAIN
ENGINEERING
DEPARTMENT
116 S. MAIN STREET
FOUNTAIN, CO 80817

APPLICATIONS FOR MECHANICAL JOINT RESTRAINTS

DRAWN:	REVISED: AUG 2002
DATE: OCT 1998	REVISED: JAN 2006
SCALE: NONE	REVISED:

DWG - 27

RESTRAINED PIPE LENGTH (FT)

6-INCH — DUCTILE IRON AND PVC

TYPE OF FITTING	STATIC PRESSURE (PSI)		
	<100	100-150	150-200
90° BEND, TEE, VALVE OR PLUG	31	47	62
45° BEND	13	19	25
22-1/2° BEND	6	8	11
11-1/4° BEND	3	5	6

8-INCH — DUCTILE IRON AND PVC

TYPE OF FITTING	STATIC PRESSURE (PSI)		
	<100	100-150	150-200
90° BEND, TEE, VALVE OR PLUG	39	58	78
45° BEND	17	24	33
22-1/2° BEND	8	12	16
11-1/4° BEND	5	6	8

12-INCH — DUCTILE IRON AND PVC

TYPE OF FITTING	STATIC PRESSURE (PSI)		
	<100	100-150	150-200
90° BEND, TEE, VALVE OR PLUG	56	84	112
45° BEND	23	35	47
22-1/2° BEND	11	17	22
11-1/4° BEND	6	8	11

NOTES:

1. PRESSURES GREATER THAN 200 PSI REQUIRE SPECIAL DESIGN APPROVED BY THE WATER DEPARTMENT.
2. LENGTH IS BASED ON MINIMUM FIVE (5) FOOT OF GROUND COVER AND SOIL COMPACTED ACCORDING TO SECTION 5.15 OF THESE SPECIFICATIONS.
3. APPROVED METHODS OF RESTRAINED PIPE BEYOND INITIAL FITTING SHALL BE:
 - A. FOR DUCTILE IRON PIPE, 1100 SERIES MEGALUG BY EBAA IRON OR EQUAL ON MECHANICAL JOINT PIPE OR DOUBLE 1100 SERIES MEGALUG BY EBAA IRON OR EQUAL ON PUSH ON JOINT PIPE.
 - B. FOR PVC PIPE, SERIES 1500 OR SERIES 2800 RESTRAINTS BY EBAA IRON OR EQUAL.



RESTRAINED PIPE LENGTH DATA

DRAWN:	REVISED: AUG 2002
DATE: OCT 1998	REVISED:
SCALE: NONE	REVISED:

DWG - 28

NOTES:

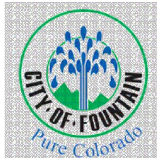
1. THESE DETAILS SHALL BE FOLLOWED FOR ALL CITY OF FOUNTAIN INFRASTRUCTURE WITHIN THE CITY OF FOUNTAIN LIMITS, UNLESS OTHERWISE NOTED IN THE PLANS.

GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT CITY OF COLORADO SPRINGS ENGINEERING DIVISION STANDARD SPECIFICATIONS AND ASSOCIATED ADDENDUMS, Pikes Peak Regional Asphalt Specifications, along with the CITY OF FOUNTAIN STREET EXCAVATION, BACKFILL AND ASPHALT REPAIR STANDARD OPERATING PROCEDURE. IN ALL CASES THE CITY OF FOUNTAIN STANDARDS SUPERSEDE THOSE OF COLORADO SPRINGS IN THE EVENT THE SPECIFICATIONS AND DRAWINGS DIFFER.
2. THE CONTRACTORS SHALL USE THE CITY OF FOUNTAIN IDT ON-LINE PERMIT SYSTEM. ONCE CITY PERMITS ARE APPROVED AND PAID, THEN APPROPRIATE SCHEDULING AND NOTIFICATIONS WILL BE MADE THROUGH THE IDT SYSTEM.
3. PRIOR TO CUTTING INTO A STREET, A MEETING IS REQUIRED WITH THE CITY INSPECTOR OR TRANSPORTATION DIRECTOR. THE MEETING MUST BE SCHEDULED AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION. FOR EMERGENCY UTILITY REPAIRS, SPECIAL CONSIDERATIONS WILL BE MADE. HOWEVER THE CITY INSPECTOR OR TRANSPORTATION DIRECTOR MUST BE NOTIFIED PRIOR TO BACKFILLING THE TRENCH.
 - LIFTS OF BASE MATERIAL CANNOT EXCEED 6" COMPACTED AND LIFTS OF ASPHALT CANNOT EXCEED 3" COMPACTED.
4. THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCCO) MUST BE CONTACTED TO LOCATE ALL UTILITIES PRIOR TO EXCAVATION.
5. THE EXISTING PAVEMENT MAY BE INITIALLY ROUGH CUT. A SQUARE, VERTICAL CUT SHALL BE MADE IN THE EXISTING ASPHALT PAVEMENT PRIOR TO ASPHALT PLACEMENT. LONGITUDINAL CUTS CANNOT FALL ALONG A WHEELPATH.
6. BACKFILL SHALL BE COMPACTED PER SECTION 206 OF CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS. SEE ADDENDUM 3 - REVISION OF SECTION 206.
7. CONTROLLED LOW STRENGTH MATERIAL (CLSM) AKA - "FLOW FILL" IS REQUIRED AS BACKFILL FOR TRENCHES LESS THAN ONE (1) FOOT IN WIDTH. CLSM SHALL NOT EXTEND INTO THE PAVEMENT SECTION.
8. PAVEMENT REPAIR FOR NEWLY CONSTRUCTED STREETS AND STREETS WHICH WERE RESURFACED WITHIN 2.5 YEARS (30 MONTHS) SHALL BE IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS INFRARED PAVEMENT REPAIR POLICY CLARIFICATION DATED OCTOBER 2021.
9. CONTROLLED LOW STRENGTH MATERIAL (CLSM) SHALL BE USED WHERE THE EXISTING PAVEMENT IS BETWEEN 2.5 YEARS (30 MONTHS) AND 5 YEARS OLD. CLSM WILL NOT BE ALLOWED FOR REPAIRS FOR PAVEMENT OLDER THAN 5 YEARS UNLESS APPROVED BY THE ENGINEERING DEPARTMENT.
10. HOT MIX ASPHALT (ASPHALT PAVING MATERIAL) SHALL MEET THE REQUIREMENTS OF THE PIKES PEAK REGIONAL ASPHALT SPECIFICATIONS.
11. NEW ASPHALT SHALL NOT BE PLACED AGAINST FRESHLY POURED CONCRETE. CONCRETE SHALL BE A MINIMUM OF 5-DAYS OLD OR HAVE REACHED A COMPRESSIVE STRENGTH OF 3,200 PSI AS DEMONSTRATED BY FIELD CURED CYLINDERS.
12. A TACK COAT SHALL BE APPLIED TO ALL VERTICAL EDGES INCLUDING CONCRETE EDGES. THE TACK COAT SHALL HAVE 100% COVERAGE AND BE APPLIED BETWEEN LIFTS MEETING THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS REQUIREMENTS.
 - LIFTS OF BASE MATERIAL CANNOT EXCEED 6" COMPACTED AND LIFTS OF ASPHALT CANNOT EXCEED 3" COMPACTED.
13. MINIMUM PAVEMENT SECTION:
 - RESIDENTIAL/COLLECTOR - SHALL MATCH EXISTING DEPTH OR A MINIMUM TWENTY FOUR (24) INCHES OF CLASS 6 AGGREGATE BASE COURSE WITH FIVE (5) INCHES OF HOT-MIX ASPHALT (ASPHALT PAVING MATERIAL).
 - ARTERIAL/INDUSTRIAL - TWENTY FOUR (24) INCHES OF CLASS 6 AGGREGATE BASE COURSE WITH NINE (9) INCHES OF HOT-MIX ASPHALT (ASPHALT PAVING MATERIAL).
14. REPAIR METHODS FOR EXISTING ROADWAYS WITH CHEMICALLY TREATED SUBGRADE (CTS) AND/OR GEO-GRID PAVEMENT SECTIONS MUST BE APPROVED BY THE ENGINEERING DEPARTMENT.
15. ALTERNATE PAVEMENT REPAIR SECTIONS MAY BE APPROVED THE ENGINEERING DEPARTMENT PROVIDED THEY ARE PREPARED BY A GEOTECHNICAL ENGINEER WITH EXPERIENCE WITH PAVEMENT DESIGN.
16. NEW HOT-MIX ASPHALT (ASPHALT PAVING MATERIAL) SHALL BE FLUSH TO EXISTING ASPHALT AND CONCRETE EDGES AND SHALL NOT HAVE BUMPS OR VALLEYS.
17. IF A PLATE TAMPER IS USED FOR COMPACTION OF ASPHALT, THE MAXIMUM LOOSE LIFT THICKNESS SHALL BE TWO (2) INCHES.
18. THESE DETAILS ARE FOR PAVEMENT CUTS LESS THAN 200 SQUARE FEET. CUTS GREATER THAN 200 SQUARE FEET SHALL BE IN CONFORMANCE WITH AN ENGINEERED DESIGN. FOR EMERGENCY UTILITY REPAIRS, SPECIAL CONSIDERATIONS WILL BE MADE. HOWEVER THE CITY INSPECTOR OR TRANSPORTATION DIRECTOR MUST BE NOTIFIED PRIOR TO BACKFILLING THE TRENCH.
19. ANY DISTURBED PAVEMENT MARKINGS SHALL BE RESTORED WITH SIMILAR MATERIALS AS EXISTING AND TO CITY OF COLORADO SPRINGS STANDARDS.



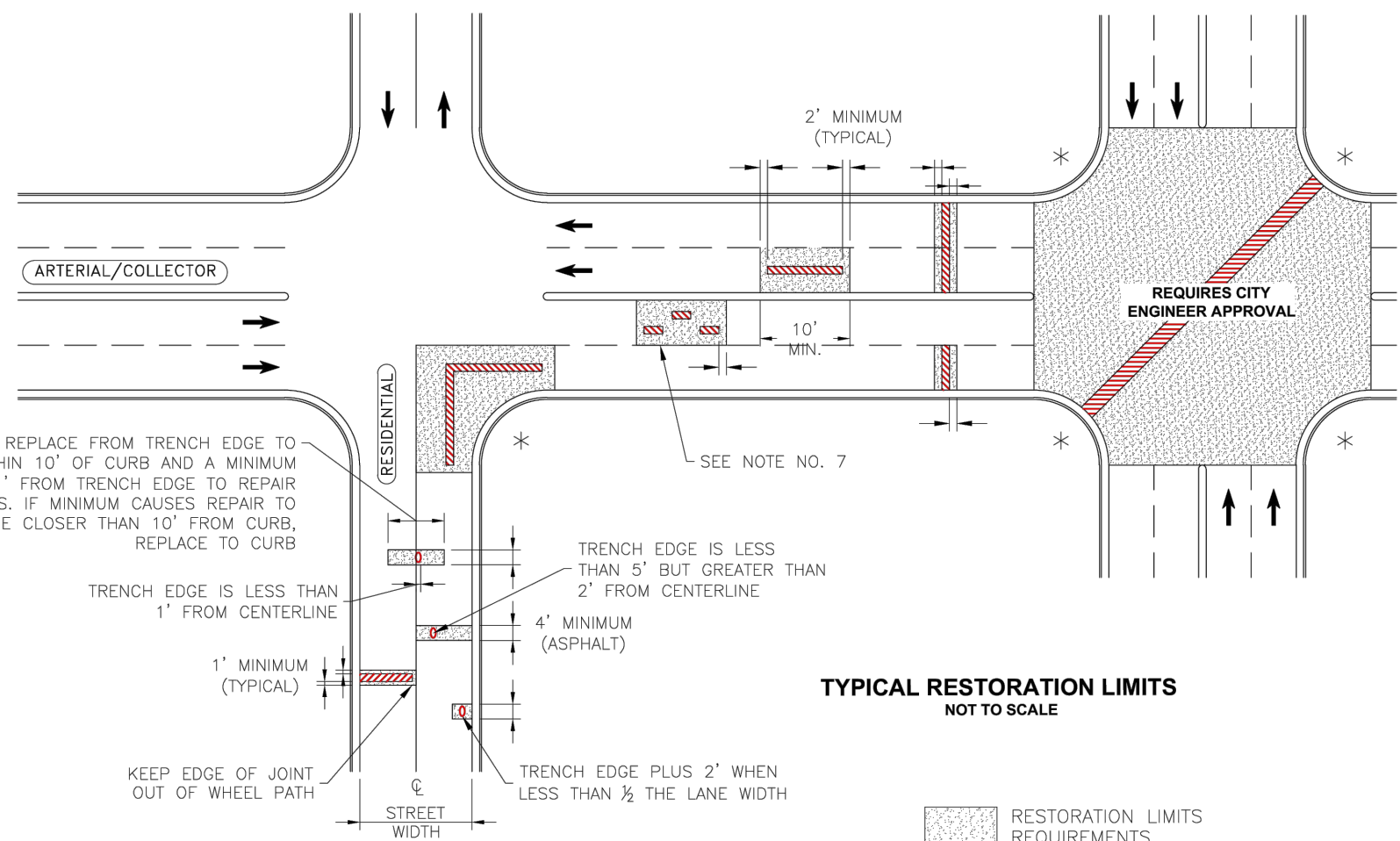
CITY OF FOUNTAIN
ENGINEERING
DEPARTMENT
116 S. MAIN STREET
FOUNTAIN, CO 80817



UTILITY STREET CUT REPAIR GENERAL NOTES

ISSUE DATE:
3/1/23

SHEET 1 OF 3



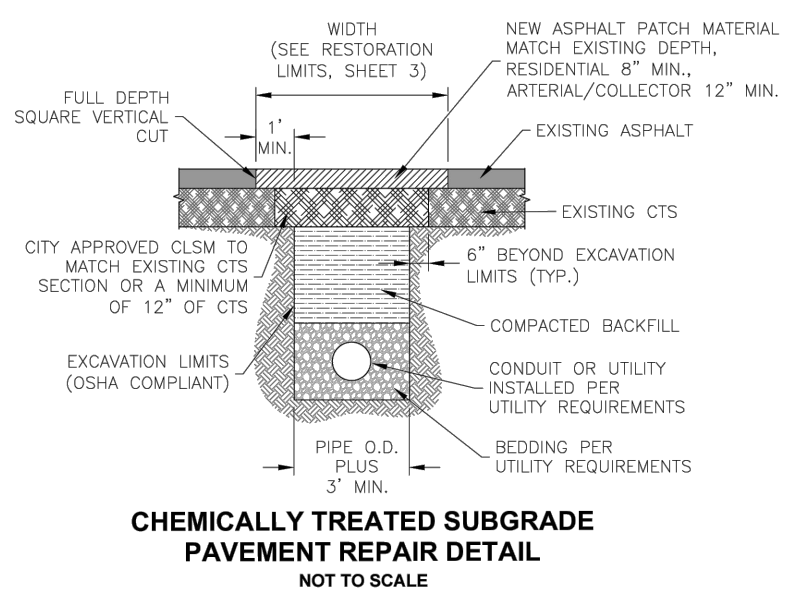
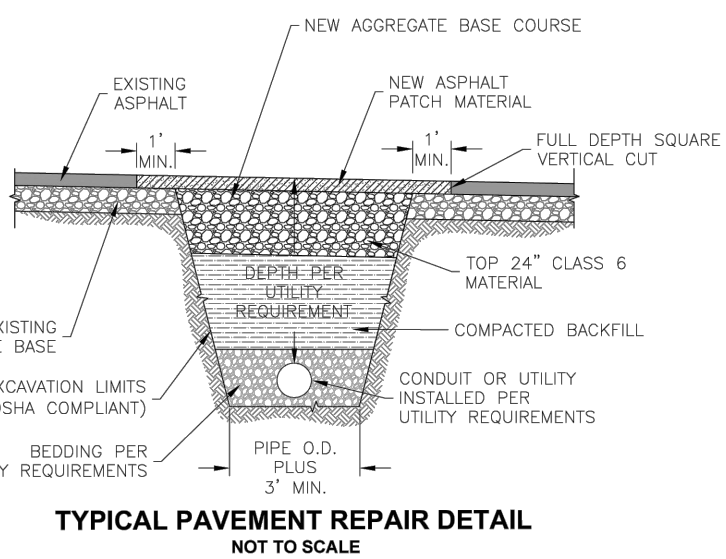
CITY OF FOUNTAIN
ENGINEERING
DEPARTMENT
116 S. MAIN STREET
FOUNTAIN, CO 80817



UTILITY STREET CUT REPAIR RESTORATION LIMITS

ISSUE DATE:
3/1/23

SHEET 3 OF 3



CITY OF FOUNTAIN
ENGINEERING
DEPARTMENT
116 S. MAIN STREET
FOUNTAIN, CO 80817



UTILITY STREET CUT REPAIR TRENCH SECTIONS

ISSUE DATE:
3/1/23

SHEET 2 OF 3



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.



Wesley Lopez
11/21/2025

BY	DESCRIPTION	DATE	REV.

WIDEFIELD WATER AND SANITATION DISTRICT
WIDEFIELD, COLORADO

**JIMMY CAMP LIFT STATION
FORCE MAIN EXTENSION DESIGN**

COF DETAILS 3

JOB NO.: 22W23080
DATE: NOV. 2025
DESIGNED BY: JWL
DRAWN BY: UOP
CHECKED BY: PMB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

99-C510

SHEET NUMBER **38**