

**Fire Station No. 80 - FIRE STATION NO. 80 - TRAINING
CENTER, 6585 CHERRY AVENUE, FONTANA, CALIFORNIA**

Project

BID NO.: DE-26-129-SB

Addendum #4 Information

03/26/2026

- 1.** "VOLUME 2 – ARCHITECT PROJECT MANUAL" is hereby included and shall follow the changes, omissions and/or additions to the previously released **VOLUME 2 – ARCHITECT PROJECT MANUAL AND DRAWINGS.**

See attached.

- 2.** The following changes have been made to this bid:
 - a. NOTE: Q and A Set 3 has been released for this project



March 26, 2026

TO : All Bidders
FROM : PBK
PROJECT : Fontana Fire Station No. 80
PROJECT # : W2100100AR
SUBJECT : Addendum 4

The following changes, omissions, and/or additions to the Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addendum, and that all trades shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

In case of conflict between Drawings, Project Manual, and this Addendum, this Addendum shall govern.

PROJECT MANUAL

- 1.1 SECTION 11 90 00 – MISCELLANEOUS EQUIPMENT
 - A. 2.1 PRODUCTS
 - 1. REVISE: "A. Bicycle Rack: Dero Bike Racks, www.dero.com. Model Bike Hitch, powder-coated finish, in-ground mount. Color to be selected from manufacturer's entire range. Two (2) required. Location as indicated on the drawings."
- 1.2 SECTION 31 20 00 – EARTH MOVING
 - A. OMIT: Part "1.4 SUSTAINABLE DESIGN SUBMITTALS" in its entirety.
- 1.3 SECTION 32 13 13 – CONCRETE PAVING
 - A. OMIT: Part "1.8 SUSTAINABLE DESIGN SUBMITTALS" in its entirety.

1.4 SECTION 32 80 00 – IRRIGATION SYSTEM

A. 2.1 MATERIALS

1. REVISE: "B.4. Use Schedule 40 PVC plastic pipe for pipe sizes smaller than 2 inches for installation on the supply and discharge sides of control valves unless otherwise indicated."

B. 3.2 IRRIGATION SYSTEM INSTALLATION

1. REVISE: "C.1. Install pipe fittings in accordance with the manufacturer's recommendations or printed installation instructions before pipe installation. In all pipe trenches, provide minimum 6-inches side clearances."

DRAWINGS

ARCHITECTURAL

1.5 SHEET A2.1 FLOOR PLAN

- A. REPLACE: Sheet in its entirety with the attached A2.1. Revisions highlighted.

ELECTRICAL

1.6 SHEET E2.3 SIGNAL PLAN

- A. ADD: "PLAN NOTES, Note #12: PROVIDE AN ASSISTIVE LISTENING SYSTEM (ALS) FOR EACH ASSEMBLY AREA AS REQUIRED BY THE 2022 CALIFORNIA BUILDING CODE (CBC) SECTIONS 11B-219 AND 11B-706. SYSTEM SHALL INCLUDE A COMPLETE, PERMANENT, WIDE-BAND FM SYSTEM IN WORKING ORDER. THE SYSTEM SHALL PROVIDE A MINIMUM OF FIVE (5) RECEIVERS, WHICH MEETS THE REQUIREMENT OF 4% OF THE 124 FIXED SEATING CAPACITY PER CBC SECTION 11B-219.3.1, WITH A MINIMUM OF TWO (2) RECEIVERS AVAILABLE FOR HEARING AID COMPATIBLE USE PER CBC SECTION 11B-219.3.2. THE TRANSMITTER SHALL BE WALL-MOUNTED AND LOCATED TO PROVIDE TOTAL COVERAGE OF THE SEATING AREA. SYSTEM SHALL INCLUDE: (1) WILLIAMS SOUND FM+T55 TRANSMITTER (OR APPROVED EQUAL), (5) FM R31 RECEIVERS, (3) EAR-022 EARPHONES, (2). NKL-001 NECK LOOPS (HEARING AID COMPATIBLE), (2) BAT KT6 TWO-BAY BATTERY CHARGERS WITH RECHARGEABLE BATTERIES, (1) ANT 005 REMOTE ANTENNA, MOUNTING BRACKETS, AND (1) SHURE BLX24/SM58 WIRELESS MICROPHONE. SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH CBC SECTION 11B-216.7 AND SHALL COMPLY WITH CBC 11B-703.7.2.4, INCLUDING THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS. PROVIDE

SIGNAGE NEAR THE MAIN ENTRANCE OR TICKET COUNTER IDENTIFYING THE AVAILABILITY OF ALS DEVICES. ALL ALS EQUIPMENT, SIGNAGE, AND INSTALLATION SHALL BE IN FULL COMPLIANCE WITH CBC 11B-219, 11B-706, AND ALL OTHER APPLICABLE ACCESSIBILITY REQUIREMENTS IN THE 2022 CALIFORNIA BUILDING CODE CHAPTER 11B".

LANDSCAPE

- 1.7 SHEET L1.1 IRRIGATION PLAN
 - A. REPLACE: Sheet in its entirety with the attached L1.1. Revisions highlighted.
- 1.8 SHEET L1.3 IRRIGATION DETAILS
 - A. REVISE: "Sleeving Detail, backfilled with sand be a minimum of 3" (inches below the pipe in lieu of the 2" (inches).

MISCELLANEOUS

FONTANA WATER COMPANY

- 1.9 CITY OF FONTANA FIRE TRAINING CENTER, 6585 CHERRY AVENUE, FONTANA, WATER IMPROVEMENT PLANS
 - A. REFERENCE: Sheets 1 to 8.

END OF ADDENDUM 4

Submitted by,



JAIME MORENO
Associate Principal, Client Executive

Attachments:

Drawings:

Architectural Drawings: A2.1
Landscape Drawings: L1.1

Miscellaneous:

Fontana Water Company: Sheets 1, 2, 3, 4, 5, 6, 7, 8

GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA (USA) TO MAKE ARRANGEMENTS TO HAVE ALL KNOWN UTILITY FACILITIES MARKED 48 HOURS PRIOR TO BEGINNING CONSTRUCTION ON THIS PROJECT. THE USA PHONE NUMBER IS: (800) 422-4133.

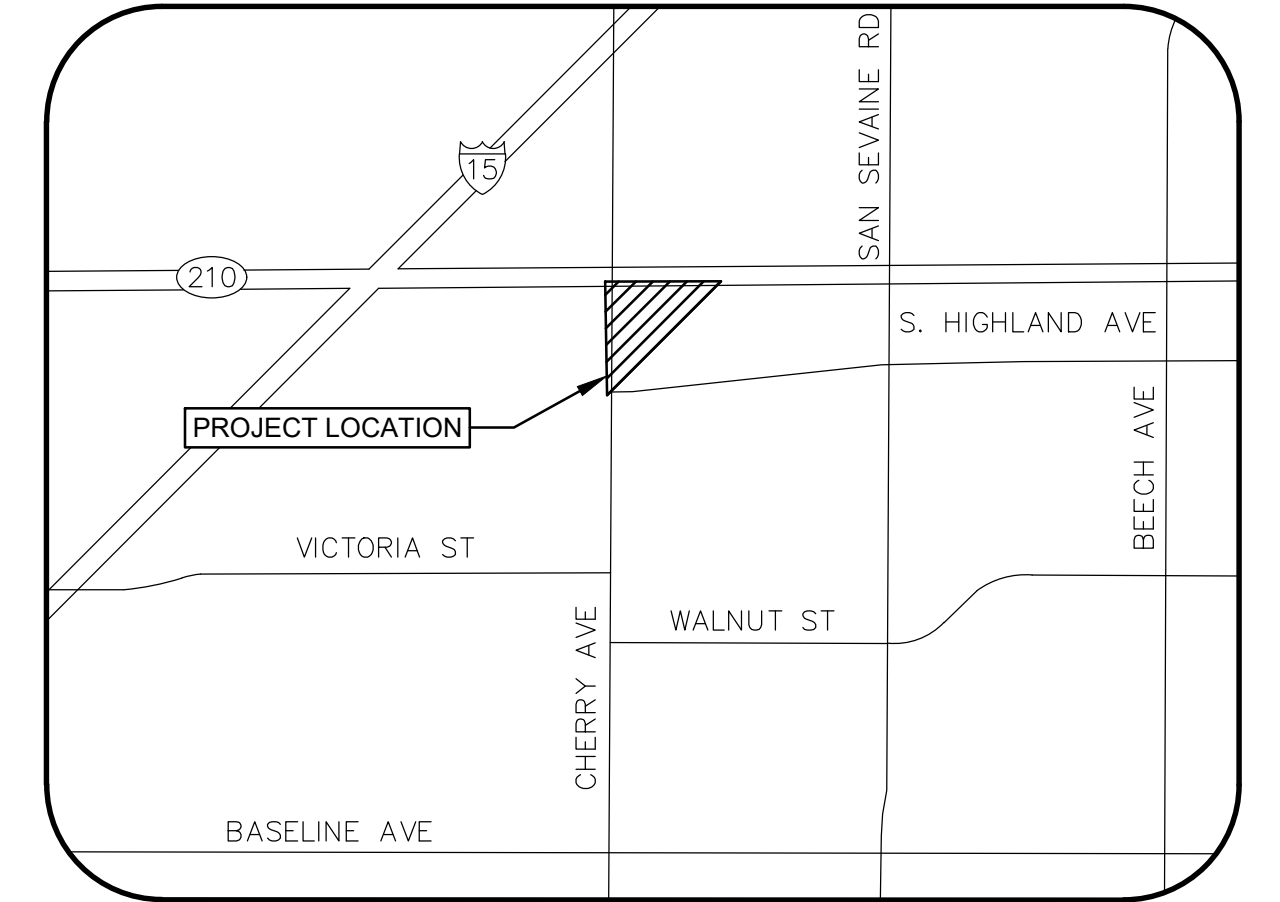
THE USA TICKET NUMBER MUST BE FURNISHED TO AND APPROVED BY THE FONTANA WATER COMPANY INSPECTOR BEFORE AUTHORIZATION WILL BE GIVEN TO START THE WORK.
- ALL WORK TO BE PERFORMED ON THIS PROJECT SHALL MEET WITH THE APPROVAL OF THE COMPANY'S INSPECTOR AND COMPLY WITH FONTANA WATER COMPANY'S CONTRACT SPECIFICATIONS, CONDITIONS AND STANDARD DRAWINGS DATED JANUARY 1, 1976, AS SUPPLEMENTED AND AMENDED BY REVISIONS NO. 1 AND NO. 2.
- ALL EXCAVATIONS SHALL BE OPEN FOR THE SHORTEST POSSIBLE TIME AND IN NO CASE MORE THAN 24 HOURS. ALL TRENCHES SHALL BE BACKFILLED BEFORE THE CLOSE OF EACH DAY'S WORK, OR THE EXCAVATION COMPLETELY AND ADEQUATELY COVERED OR FENCED TO THE HEIGHT OF AT LEAST SIX (6) FEET ABOVE THE SURFACE, TO THE SATISFACTION OF THE CITY ENGINEER.
- THE FONTANA WATER COMPANY INSPECTOR SHALL DETERMINE THE EXACT LOCATION FOR THE PROPOSED FIRE HYDRANT IN THE FIELD AT THE TIME OF CONSTRUCTION.
- FIRE HYDRANT RISER SHALL BE INSTALLED 2' BEHIND THE CURB FACE.
- THE FONTANA WATER COMPANY INSPECTOR SHALL DETERMINE THE EXACT LOCATION FOR THE PROPOSED FIRE SERVICE AND VAULT IN THE FIELD AT THE TIME OF CONSTRUCTION.
- THE FONTANA WATER COMPANY INSPECTOR SHALL DETERMINE THE EXACT LOCATION FOR THE PROPOSED DOMESTIC AND LANDSCAPE SERVICES IN THE FIELD AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL RETURN ALL UNUSED MATERIAL AND MATERIAL SALVAGED FROM THE JOB SITE TO THE FONTANA WATER COMPANY WAREHOUSE OR YARD WITHIN FIVE WORKING DAYS AFTER THE COMPLETION OF THIS PROJECT.
- WATER METERS SHALL BE SET 18" BEHIND THE CURB FACE.
- THE STANDARD PROCEDURE FOR TREATING STEEL PIPE JOINTS AND REPAIRS TO LINING OR COATING, STANDARD DRAWING (102) SHALL BE FOLLOWED IN ALL CASES.
- THE FONTANA WATER COMPANY INSPECTOR SHALL NOTIFY THE ENGINEERING DEPARTMENT 48 HOURS PRIOR TO CONSTRUCTION WHENEVER SURVEY WORK IS REQUIRED.
- STATIONING SHOWN ON THE ATTACHED JOB PLANS IS RELATED TO THE WATER ALIGNMENT ONLY.
- REFER TO JOB PLANS FOR WIDTHS OF STREETS AND PARKWAYS.

FONTANA WATER COMPANY

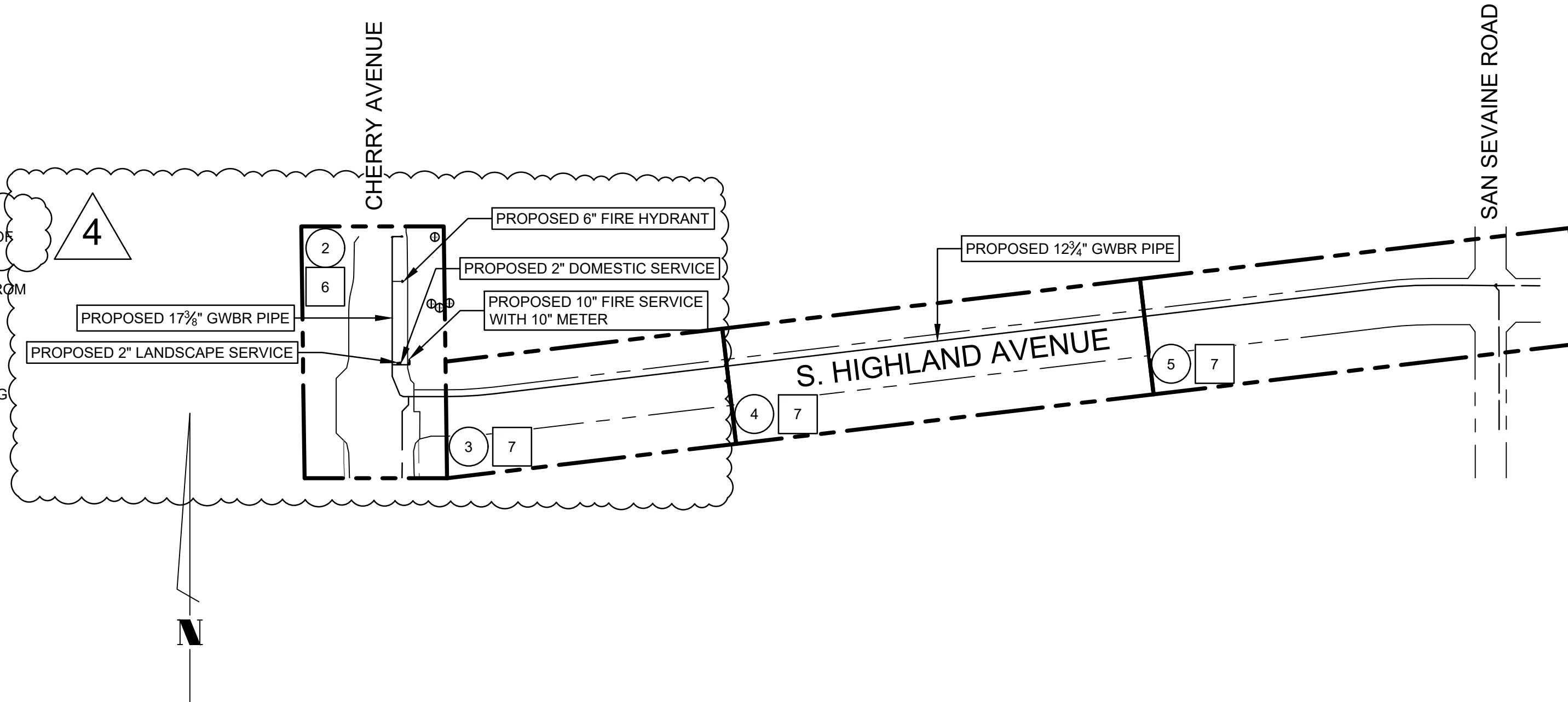
CITY OF FONTANA FIRE TRAINING CENTER

6585 CHERRY AVENUE, FONTANA

WATER IMPROVEMENT PLANS



VICINITY MAP
SCALE: NONE



INDEX MAP

SCALE: 1" = 250'

- PLAN VIEW SHEET NO.
- SCHEMATIC SHEET NO.

SHEET INDEX	
SHEET	DESCRIPTION
1	COVER SHEET
2	PLAN AND PROFILE VIEW - CHERRY AVE
3	PLAN AND PROFILE VIEW - S. HIGHLAND AVE
4	PLAN AND PROFILE VIEW - S. HIGHLAND AVE
5	PLAN AND PROFILE VIEW - S. HIGHLAND AVE
6	SCHEMATIC AND PROFILES
7	SCHEMATIC AND PROFILES
8	PROFILES AND STANDARD DRAWINGS

Underground Service Alert
 Call: TOLL FREE
1-800-422-4133
 TWO WORKING DAYS BEFORE YOU DIG

MAIN SIZE	DEPTH TO TOP OF MAIN FROM FLOW LINE OF GUTTER
4" - 6"	36"
8"	42"
10"	46"
12"	48"
14"	48"
16"	48"

LOCATION	FRANCHISE FOOTAGE	PRIOR RIGHTS FOOTAGE	DESCRIPTION OF PRIOR RIGHTS
CHERRY AVENUE	400' ±		
S. HIGHLAND AVENUE	2599' ±		

(000) FOOTAGE TO BE RETIRED

LEGEND

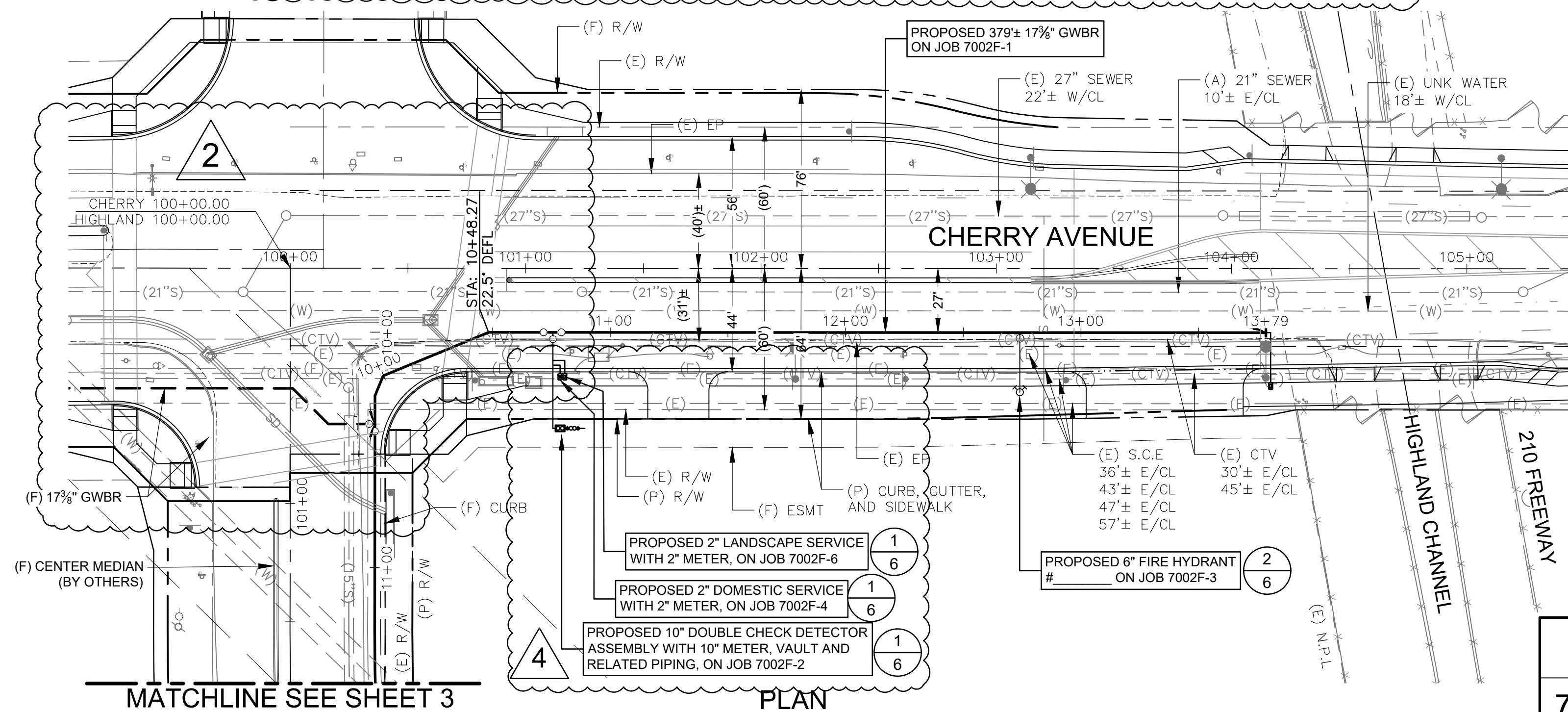
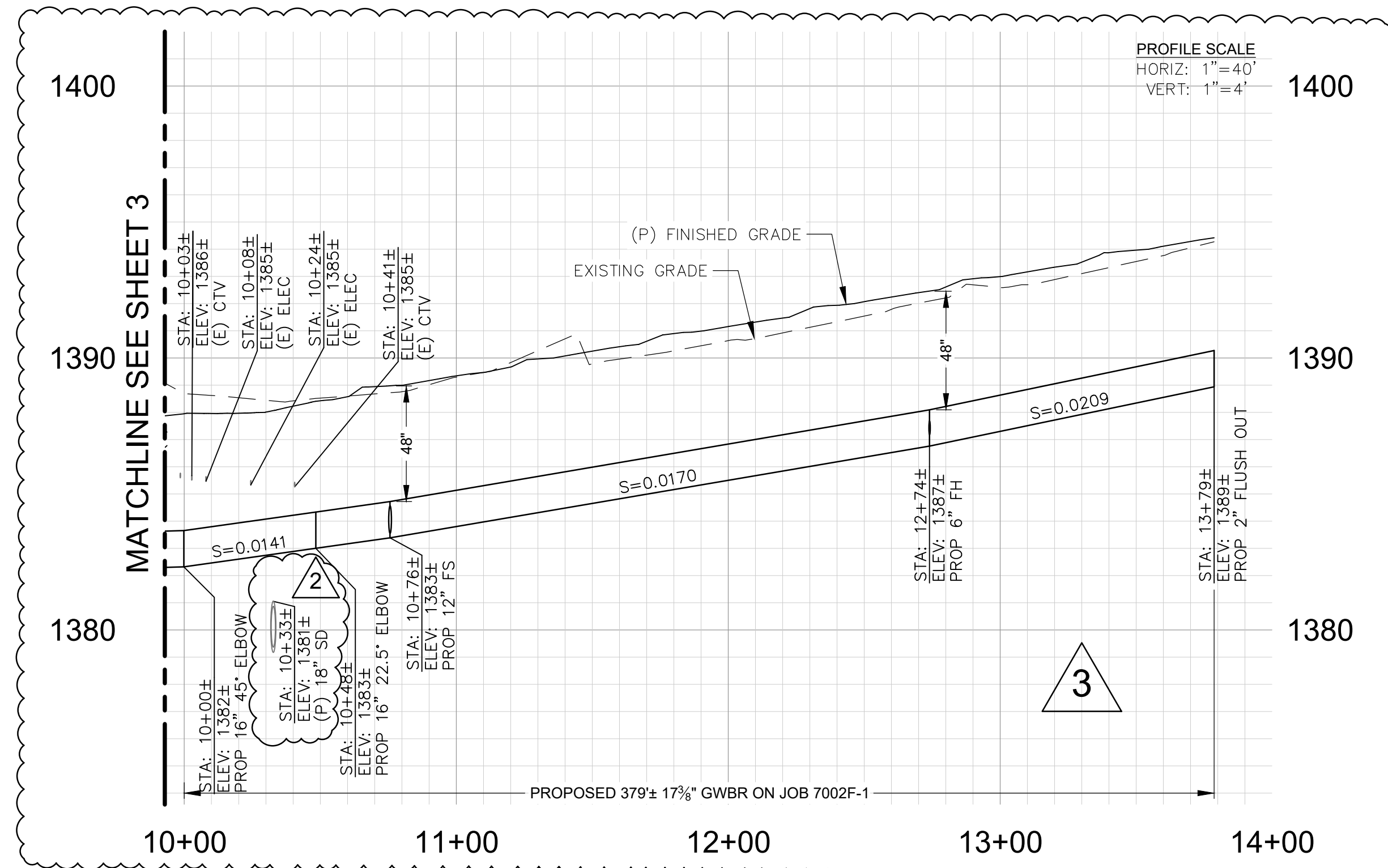
PROPOSED MAIN	-----	-----	-----
EXISTING MAIN	-----	-----	-----
GAS	----- (G)	----- (G)	----- (G)
SO. CAL. EDISON	----- (E)	----- (E)	----- (E)
TELEPHONE	----- (T)	----- (T)	----- (T)
CABLE TV	----- (CTV)	----- (CTV)	----- (CTV)
SEWER	----- (S)	----- (S)	----- (S)
STORM DRAIN	----- (SD)	----- (SD)	----- (SD)
CURB & GUTTER	PROPOSED: -----	EXISTING: -----	TO BE REMOVED: -----
EDGE OF PAVEMENT	PROPOSED: -----	EXISTING: -----	TO BE REMOVED: -----

REVISIONS

△ REVISE DOMESTIC & LANDSCAPE SERVICE SIZES	ND	JIH	09/03/25
△ PROPOSED GRADE, MAIN DEPTH CHANGE	FG	JIH	10/29/24
△ STORM DRAIN REALIGNMENT AND DEPTH CHANGE	FG	JIH	08/30/24
△ DEVELOPER ADDRESS CHANGE	ND	SA	07/24/24
	BY	APP.	DATE

ISSUED FOR CONSTRUCTION

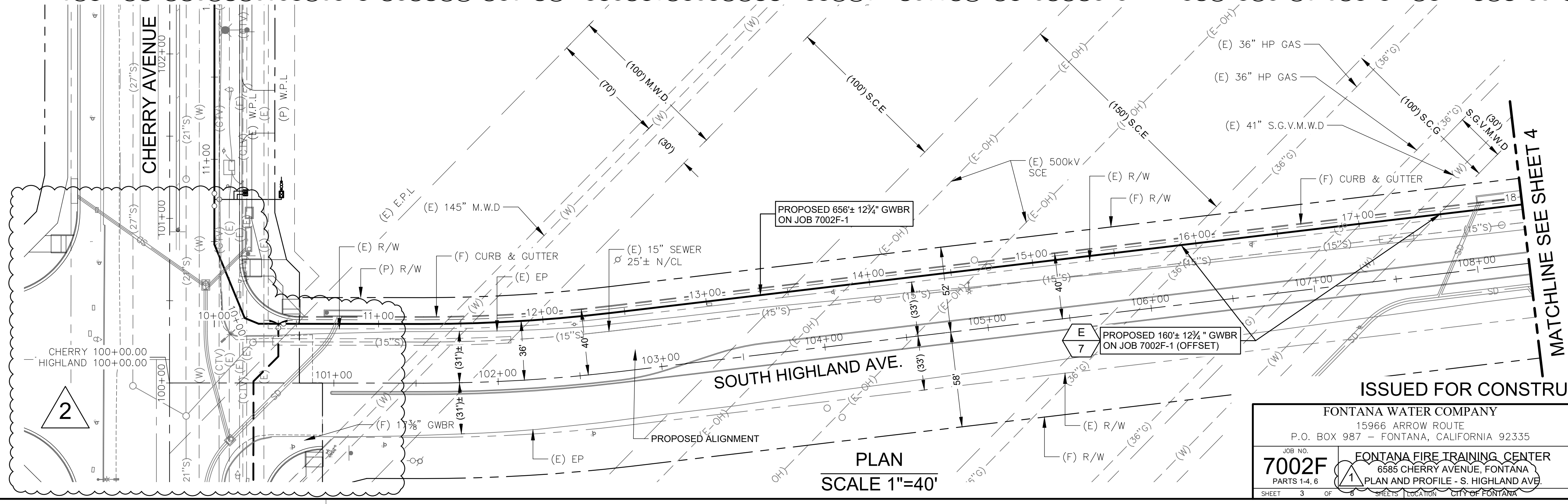
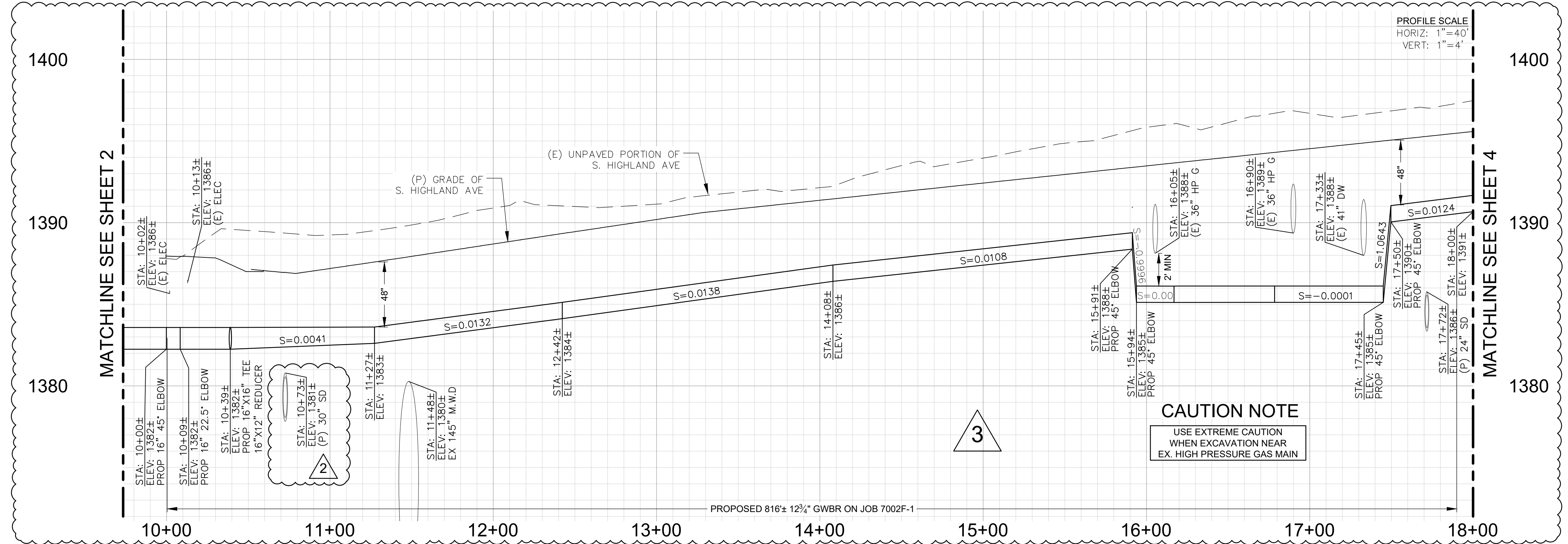
FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA COVER SHEET	
SHEET 1 OF 8 SHEETS LOCATION CITY OF FONTANA	CONSTRUCTION START --/-- CONSTRUCTION FINISH --/-- AS BUILT COMP. --/-- SCALE AS SHOWN GRID 7910, 8010	
SUBSTRUCTURE INVESTIGATION		
COMPANY	DATE	TIME
STORM DRAIN	--	--
SEWER	--	--
EDISON	--	--
TELEPHONE	--	--
WHO	WHAT	BY
PLANS	AS SHOWN	WLG
PLANS	AS SHOWN	WLG
PLANS	AS SHOWN	WLG
PLANS	AS SHOWN	WLG



PLAN
SCALE 1"=40'

ISSUED FOR CONSTRUCTION

FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6 SHEET 2 OF 8	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA PLAN AND PROFILE - CHERRY AVE.	CONSTRUCTION START --/-- CONSTRUCTION FINISH --/-- AS BUILT COMP. --/-- SCALE AS SHOWN GRID 7910, 8010



PROFILE SCALE
HORIZ: 1"=40'
VERT: 1"=4'

MATCHLINE SEE SHEET 2

MATCHLINE SEE SHEET 4

CAUTION NOTE
USE EXTREME CAUTION
WHEN EXCAVATION NEAR
EX. HIGH PRESSURE GAS MAIN

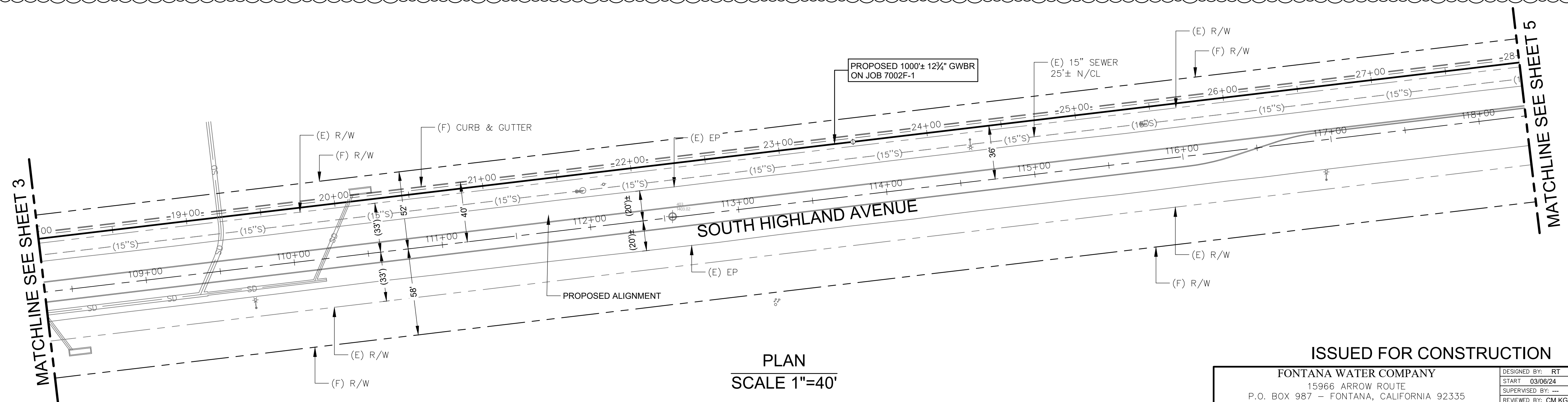
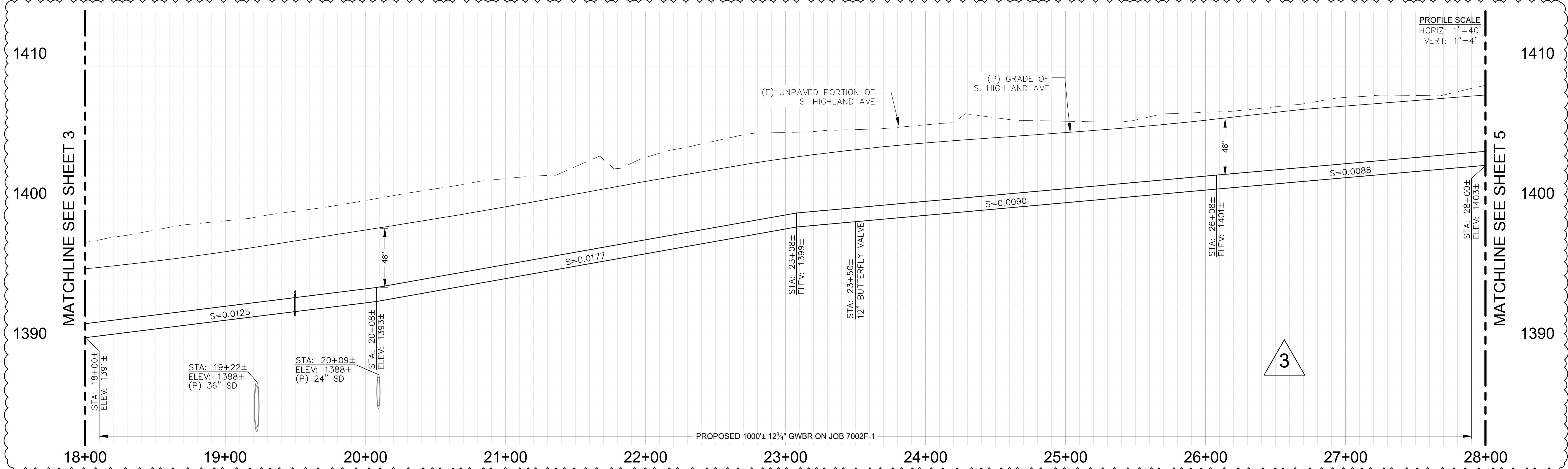
PROPOSED 816± 12 3/4" GWBR ON JOB 7002F-1

PROPOSED 656± 12 3/4" GWBR
ON JOB 7002F-1

PROPOSED 160± 12 3/4" GWBR
ON JOB 7002F-1 (OFFSET)

ISSUED FOR CONSTRUCTION

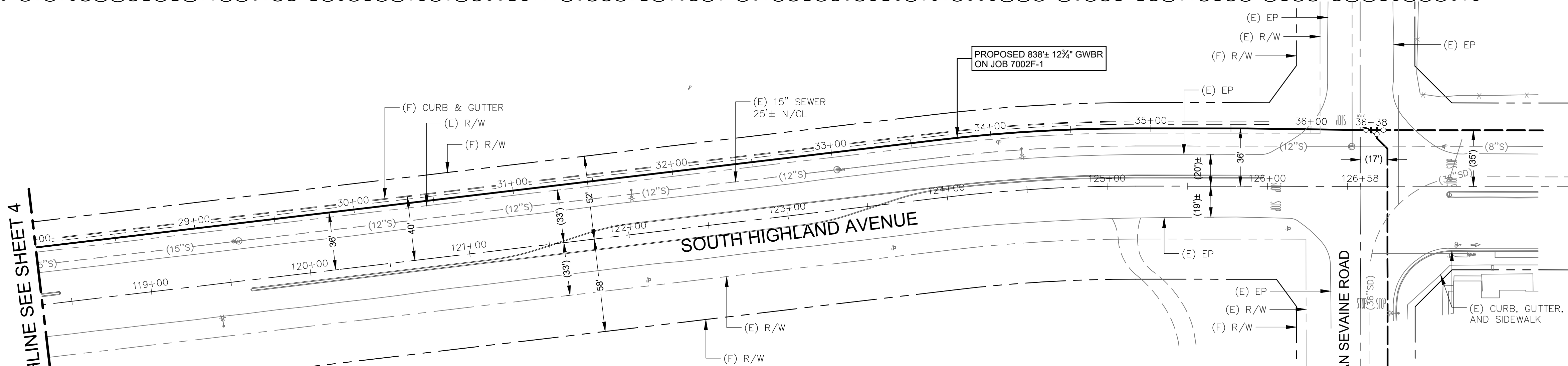
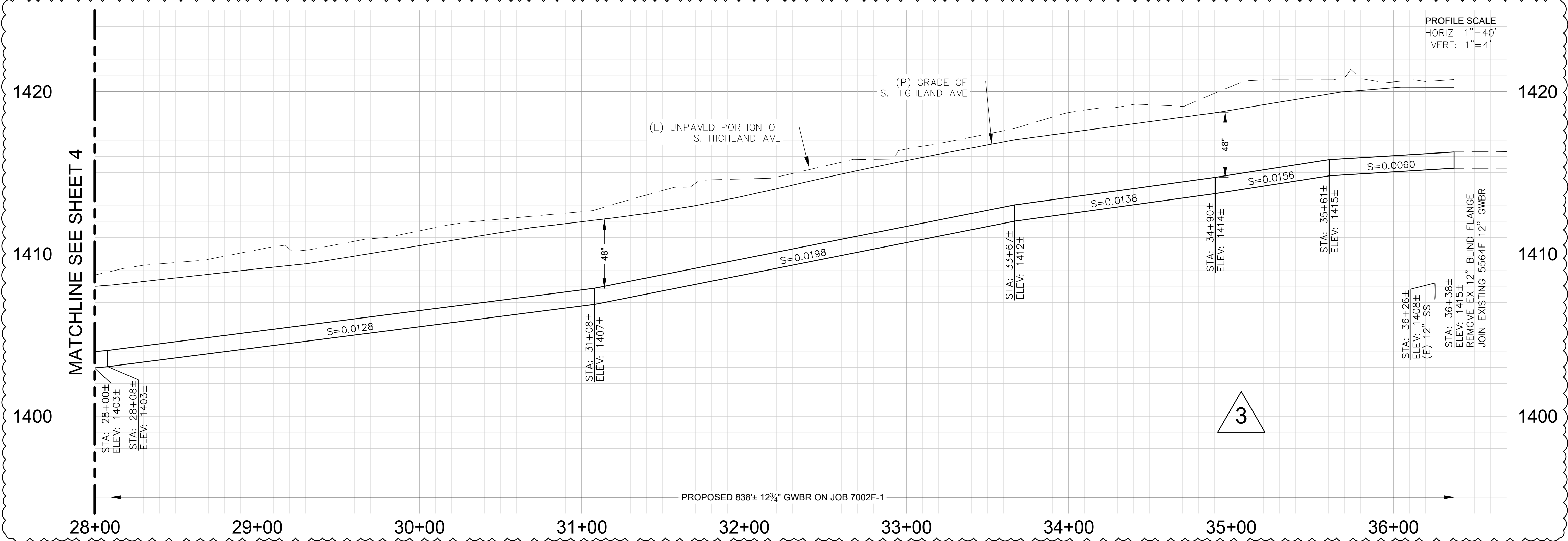
FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6 SHEET 3 OF 6	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA PLAN AND PROFILE - S. HIGHLAND AVE.	CONSTRUCTION START --- CONSTRUCTION FINISH --- AS BUILT COMP. --- SCALE AS SHOWN GRID 7910, 8010



PLAN
SCALE 1"=40'

ISSUED FOR CONSTRUCTION

FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA PLAN AND PROFILE - S. HIGHLAND AVE	CONSTRUCTION START --/-- CONSTRUCTION FINISH --/-- AS BUILT COMP. --/-- SCALE AS SHOWN GRID 7910, 8010
SHEET 4 OF 6		LOCATION CITY OF FONTANA



PLAN
 SCALE 1"=40'

ISSUED FOR CONSTRUCTION

FONTANA WATER COMPANY
 15966 ARROW ROUTE
 P.O. BOX 987 - FONTANA, CALIFORNIA 92335

DESIGNED BY: RT
 START 03/06/24 FINISH 05/14/24
 SUPERVISED BY: ---
 REVIEWED BY: CM KG BM

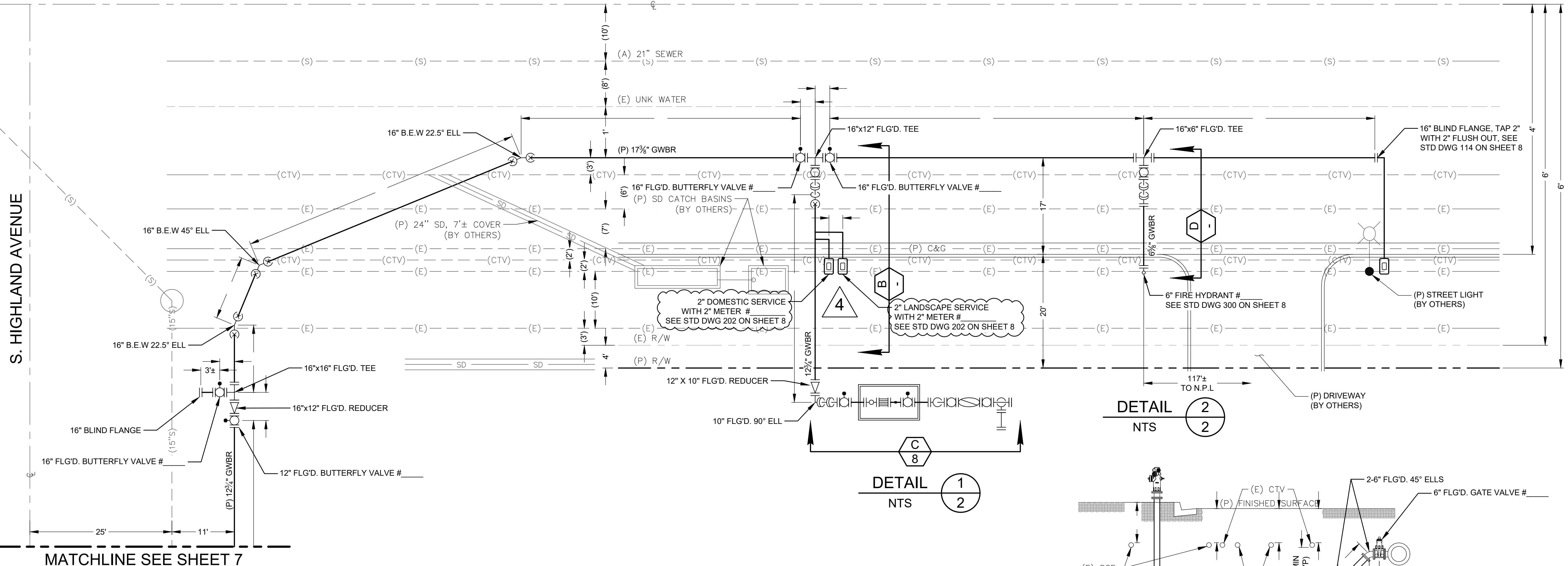
CONSTRUCTION START --/--
 CONSTRUCTION FINISH --/--
 AS BUILT COMP. --/--
 SCALE AS SHOWN GRID 7910, 8010

7002F
 PARTS 1-4, 6

1
 FONTANA FIRE TRAINING CENTER
 6585 CHERRY AVENUE, FONTANA
 PLAN AND PROFILE - S. HIGHLAND AVE

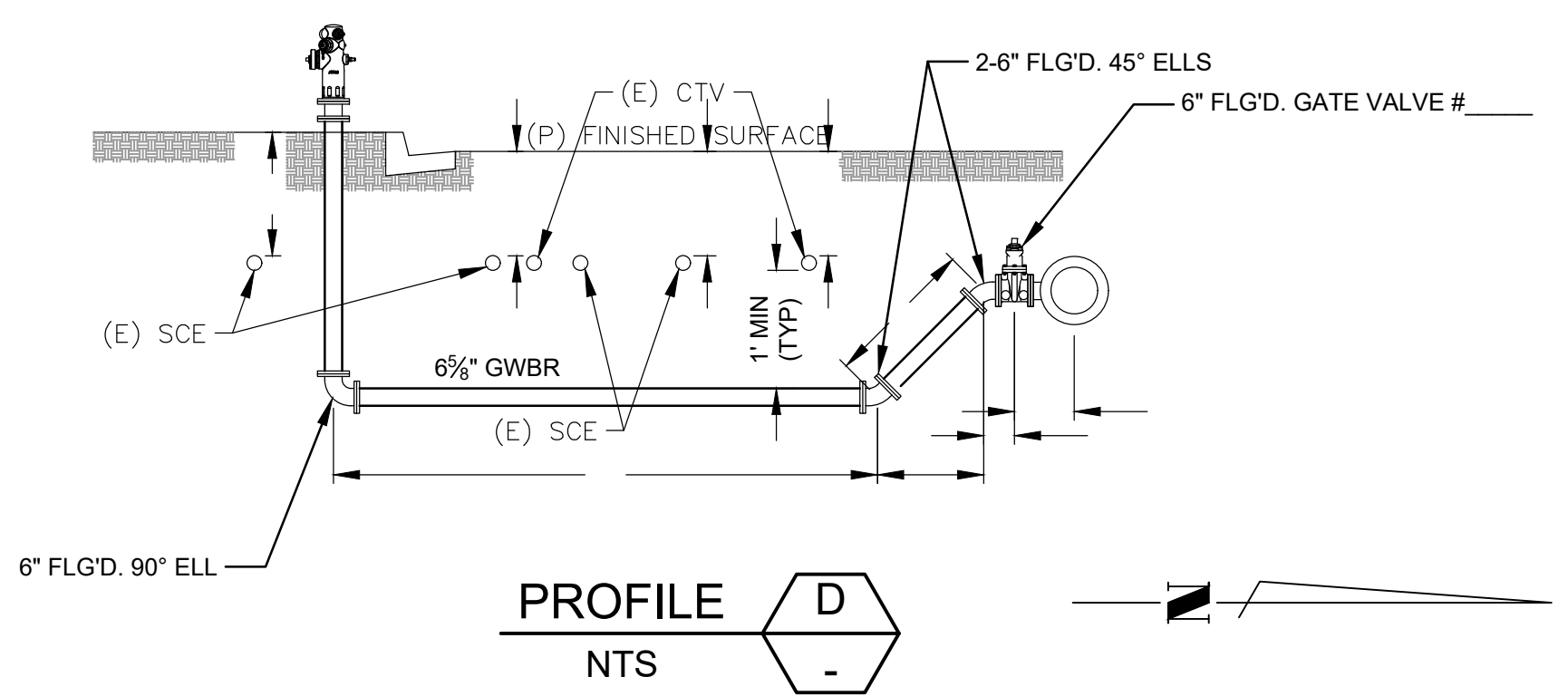
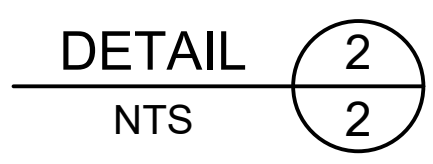
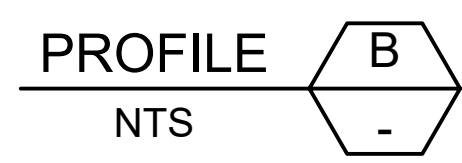
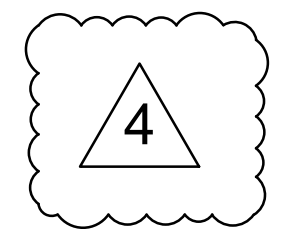
SHEET 5 OF 6 SHEETS LOCATION CITY OF FONTANA

CHERRY AVENUE



S. HIGHLAND AVENUE

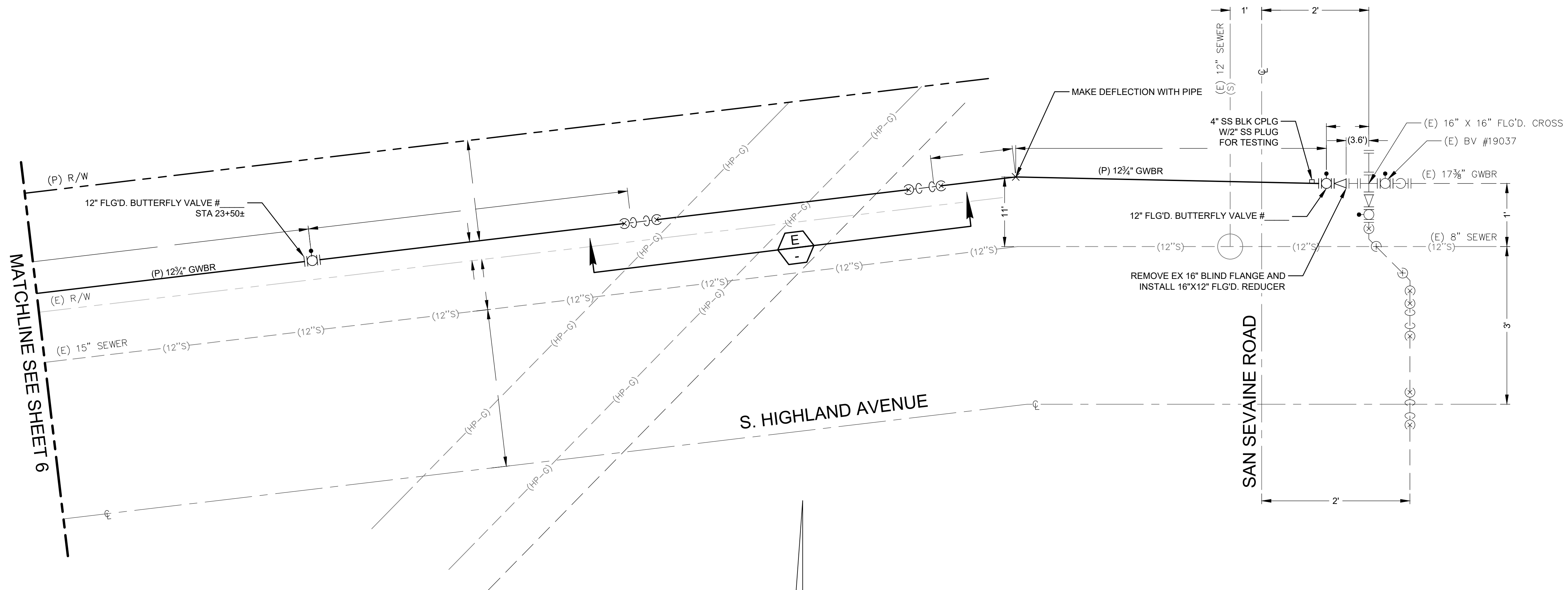
MATCHLINE SEE SHEET 7



ISSUED FOR CONSTRUCTION

FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6 SHEET 6 OF 8	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA SCHEMATICS AND PROFILES	CONSTRUCTION START --/-- CONSTRUCTION FINISH --/-- AS BUILT COMP. --/-- SCALE AS SHOWN GRID 7910, 8010

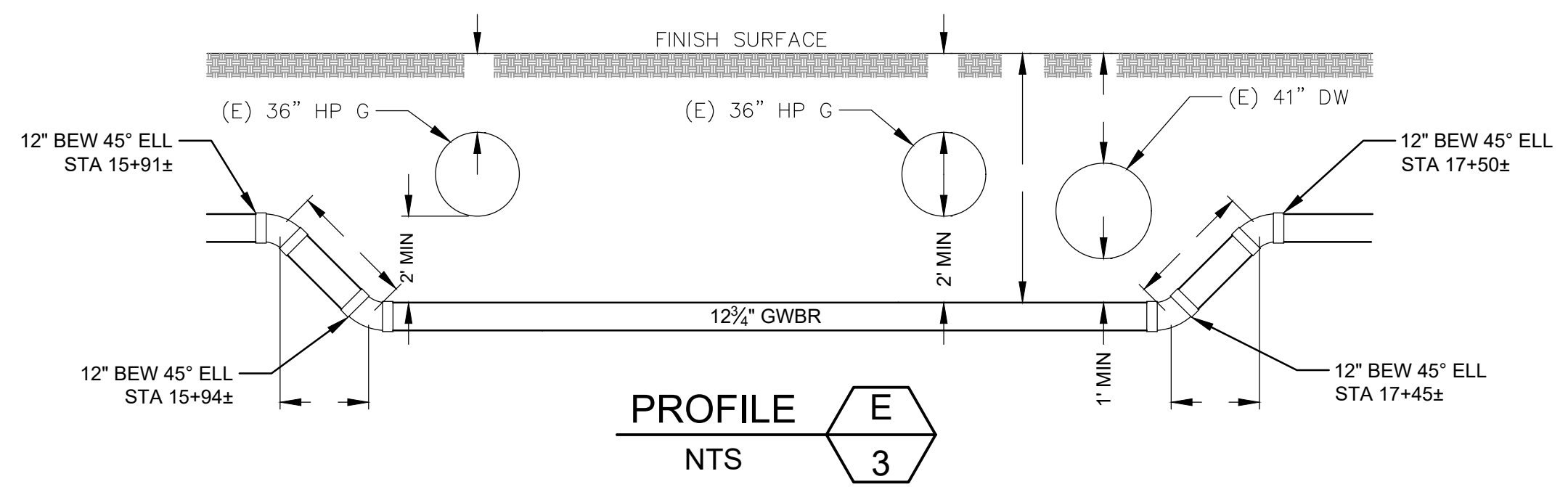
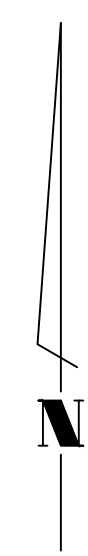
K:\recap\Projects\Fontana\7002F - city of fontana (fire training center)\Design\CAD Files\dwg set\7002F streets.dwg



MATCHLINE SEE SHEET 6

S. HIGHLAND AVENUE

SAN SEVAINE ROAD



PROFILE **E**
NTS **3**

CAUTION NOTE

USE EXTREME CAUTION WHEN EXCAVATING NEAR HIGH PRESSURE GAS LINES

ISSUED FOR CONSTRUCTION

FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA SCHEMATICS AND PROFILES	CONSTRUCTION START --/-- CONSTRUCTION FINISH --/-- AS BUILT COMP. --/-- SCALE AS SHOWN GRID 7910, 8010
SHEET 7 OF 8 SHEETS LOCATION CITY OF FONTANA		PLOTTED: 9/8/2025 11:11 AM

K:\Information\Projects\Fontana\7002F - city of fontana (fire training center)\Design\CAD Files\dwg set\7002F sheets.dwg

PROCEDURE FOR JOINT LINING ON CEMENT MORTAR LINED STEEL PIPE

1. BUTTER THE EDGE OF THE LINING OF THE BELL END WITH CEMENT MORTAR PRIOR TO FINAL ASSEMBLY. CEMENT MORTAR FOR BUTTERING SHALL BE 1 PART PORTLAND CEMENT AND 1 PART FINE SAND (BOTH FURNISHED BY CONTRACTOR) WITH ONLY SUFFICIENT WATER ADDED TO PRODUCE A MORTAR OF A CONSISTENCY TO MAINTAIN ITS OWN SHAPE WHEN "MOLDED" BY HAND PRESSURE.

2. PIPE JOINT SEALANT (1/2-INCH BEAD SEALANT GS79 OR EQUIVALENT) IS ISSUED TO CONTRACTORS FOR USE ON BELL AND SPIGOT PIPE. THE INSIDE OF THE BELL END WHERE THE SEALANT IS TO BE APPLIED SHALL BE WIPED CLEAN USING A CLOTH OR BRUSH BEFORE APPLICATION SO THAT THE SEALANT ADHERES TO THE JOINT. THE SEALANT SHALL BE ONE CONTINUOUS LENGTH. AFTER APPLICATION, THE SEALANT SHOULD BE PRESSED FIRMLY INTO THE BELL END SO THE SEALANT ADHERES TO THE JOINT AND DOES NOT PEEL AWAY AFTER INSTALLATION.

PROCEDURE FOR FIELD REPAIR OF LINING ON CEMENT MORTAR LINED STEEL PIPE

1. WITH A PAINT BRUSH, LIBERALLY APPLY A SOLUTION OF 2-1/2 PARTS PORTLAND CEMENT (FURNISHED BY CONTRACTOR) MIXED WITH 1 PART WATER ON THE INTERIOR PORTIONS OF PIPE TO BE LINED.

2. CEMENT MORTAR FOR LINING WILL BE 1 PART PORTLAND CEMENT AND 1 PART FINE SAND (BOTH FURNISHED BY CONTRACTOR) WITH ONLY SUFFICIENT WATER ADDED TO PRODUCE A MORTAR OF A CONSISTENCY TO MAINTAIN ITS OWN SHAPE WHEN "MOLDED" BY HAND PRESSURE.

3. HAND PACK LINING MIXTURE TO PORTIONS OF PIPE REQUIRING LINING. AFTER A FEW MINUTES THE MORTAR MAY BE TROWELED TO A SMOOTH FINISH WHERE WORK SPACE IS ADEQUATE FOR TROWELING. WHEN REPAIRING LINING AT WELDED-ON OUTLETS THE MORTAR SHALL BE GIVEN SMOOTH FINISH TO MATCH INTERIOR OF PIPE.

PROCEDURE FOR FIELD COATING AT JOINT ON CEMENT MORTAR COATED STEEL PIPE

1. JOINT DIAPERS (FURNISHED BY SOVWC) WILL BE A MINIMUM OF 6-INCHES WIDE AND CONSIST OF TWO METAL BANDS CONNECTED BY A FIBROUS MATERIAL.

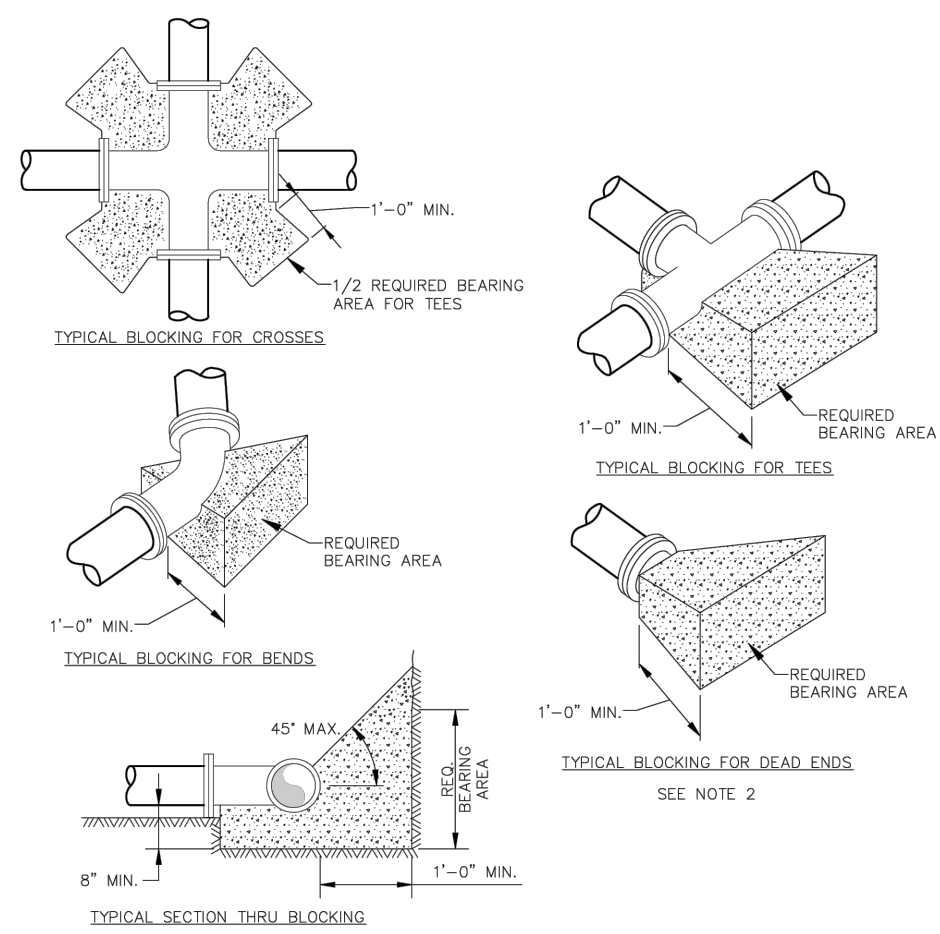
2. WHEN INSTALLED ON THE JOINT THE DIAPER SHALL BE Banded SECURELY TO PIPE, OVERLAPPING THE SPIGOT END OF PIPE, 1-INCH MINIMUM, WITH THE BALANCE OF DIAPER OVER THE BELL. A MINIMUM OPENING WILL BE MAINTAINED FOR POURING GROUT.

3. THE GROUT SHALL CONSIST OF 2 PARTS OF SAND TO 1 PART OF PORTLAND CEMENT (BOTH FURNISHED BY CONTRACTOR) MIXED WITH SUFFICIENT WATER TO MAINTAIN A FREELY POURING CONSISTENCY.

4. THE POUR SHALL BE MADE FROM ONE SIDE ONLY OF THE PIPE UNTIL THE GROUT FLOWS UNDER THE BOTTOM AND RISES A FEW INCHES ON THE OPPOSITE SIDE. WORK GROUT COMPLETELY INTO AND AROUND THE JOINT TO PREVENT AIR POCKETS.

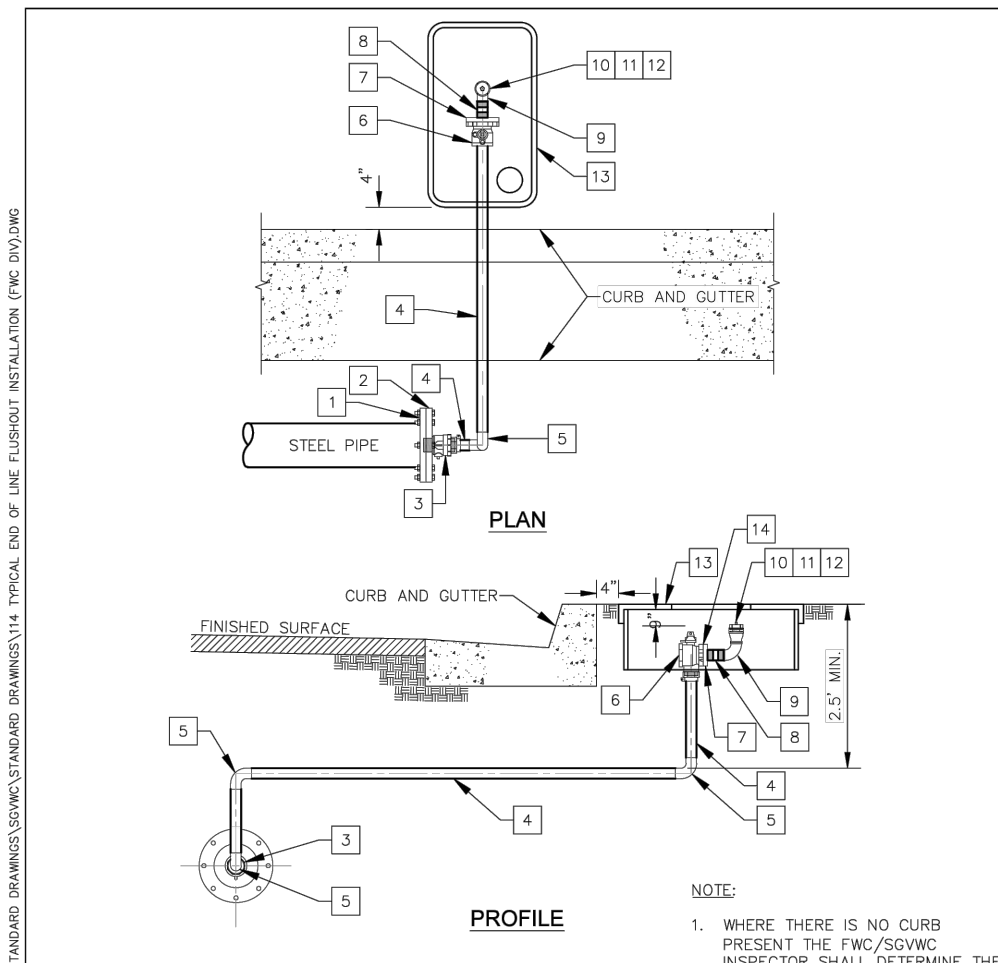
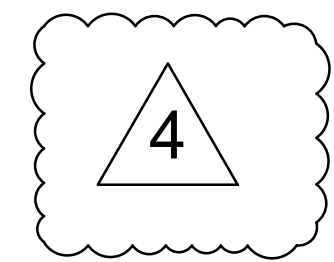
5. IMMEDIATELY AFTER COMPLETION OF COATING AT EACH JOINT, THE JOINT SHALL BE SHADED WITH BACKFILL MATERIAL OR A SPECIAL SHADING DEVICE TO PROTECT IT FROM EXCESSIVE CONTRACTION OR EXPANSION RESULTING FROM TEMPERATURE CHANGES.

6. NO BACKFILL IS TO BE PLACED AROUND THE JOINT UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE COMPANY INSPECTOR.



- NOTES:**
- CONCRETE FOR BLOCKING SHALL BE PER GREENBOOK 568-C-3250 PER CU. YD. ALL BLOCKING SHALL BE POURED AGAINST UNDISTURBED SOIL.
 - WHERE FLUSH OUT PIPING WILL BE INSTALLED NO DEAD END BLOCKING IS REQUIRED.

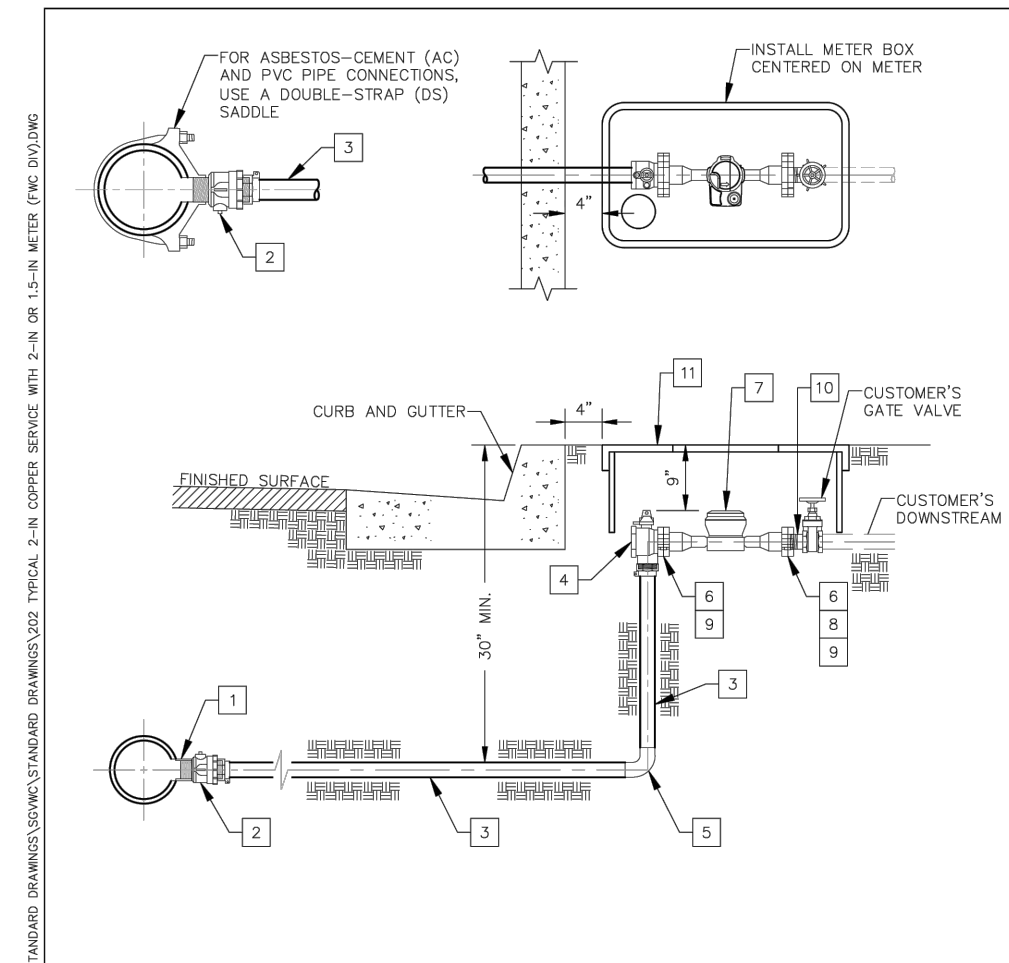
SAN GABRIEL VALLEY WATER COMPANY		STANDARD DRAWING	
11142 EAST GARVEY AVENUE P.O. BOX 6010 EL MONTE, CALIFORNIA 91734		102	
PROCEDURES FOR TREATING STEEL PIPE JOINTS AND REPAIRS TO LINING AND COATING			
NO. DATE	WHAT	APP.	REVISIONS
DATE: 05/01/2023	REV'D BY: CM BM	APPROVED BY:	DATE: SHEET 1 OF 1 SHEETS



STANDARD MATERIALS UNLESS OTHERWISE DIRECTED

ITEM QTY	DESCRIPTION	ITEM QTY	DESCRIPTION
1	1 S.O.W. FLANGE	8	1 2" x 6" TEE BRASS NIPPLE
2	1 BLIND FLANGE, TAP 2"	9	1 2" BRASS 90° ELBOW (F&M)
3	1 2" CORP. MALE x COMP.	10	1 2" x 2.5" GALVANIZED ADAPTER (F&F)
4	Var. 2" COPPER TUBING	11	1 2.5" FIRE HOSE ADAPTER (M&M)
5	3 2" COMP. 90° ELBOW	12	1 2.5" FIRE CAP
6	1 2" ANGLE STOP	13	1 NO. 6 METER BOX
7	1 2" OVAL METER FLANGE	14	1 2-2" METER BOLTS, NUTS AND GASKET

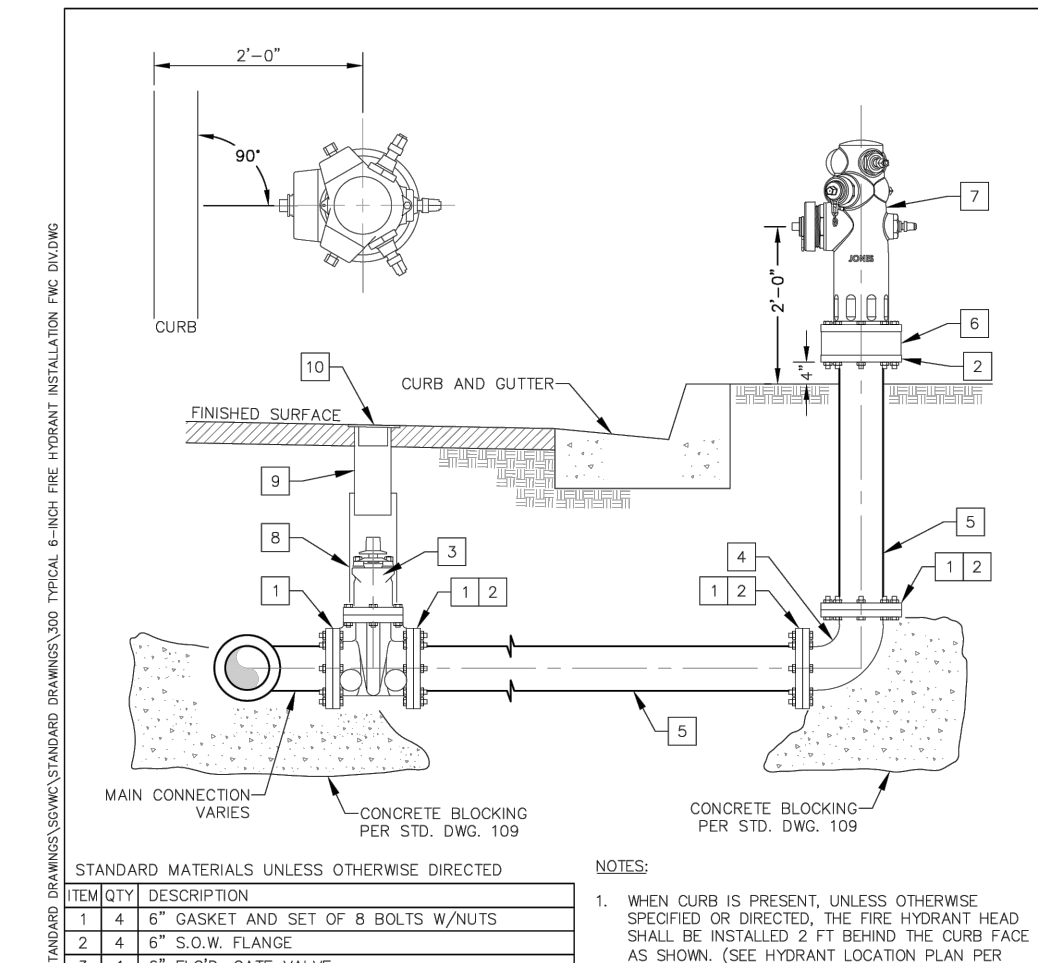
SAN GABRIEL VALLEY WATER COMPANY		STANDARD DRAWING	
11142 EAST GARVEY AVENUE P.O. BOX 6010 EL MONTE, CALIFORNIA 91734		114	
TYPICAL END OF LINE FLUSHOUT INSTALLATION (FWC DIV)			
NO. DATE	WHAT	APP.	REVISIONS
DATE: 05/01/2023	REV'D BY: CM BM	APPROVED BY:	DATE: SHEET 1 OF 1 SHEETS



STANDARD MATERIALS UNLESS OTHERWISE SPECIFIED OR DIRECTED

ITEM QTY	DESCRIPTION	ITEM QTY	DESCRIPTION
1	1 2" S.S. BLK. COUPLING PER STD. DWG. 205	8	1 2" OR 1.5" OVAL METER FLANGE
2	1 2" COPPERATION STOP W/P x CTS	9	4 METER BOLTS
3	Var. 2" COPPER PIPE	10	1 2" OR 1.5" x 4.0 NIPPLE CONNECTION
4	1 2" ANGLE STOP CTS x ME	11	1 NO. 6 METER BOX
5	1 2" BRASS COMPRESSION 90° ELL		
6	4 2" OR 1.5" METER GASKETS		
7	1 2" OR 1.5" METER		

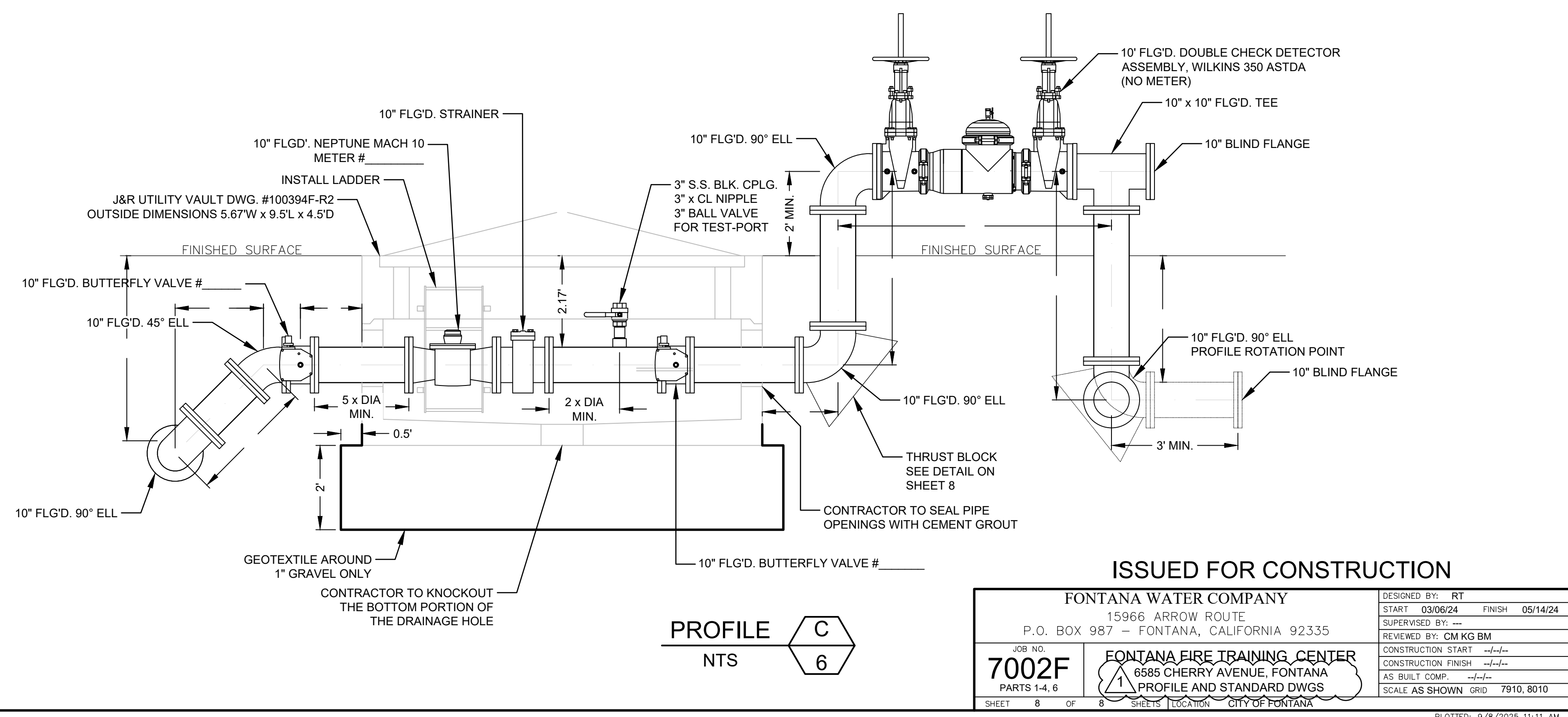
SAN GABRIEL VALLEY WATER COMPANY		STANDARD DRAWING	
11142 EAST GARVEY AVENUE P.O. BOX 6010 EL MONTE, CALIFORNIA 91734		202	
TYPICAL 2-IN COPPER SERVICE WITH 2-IN OR 1.5-IN METER (FWC DIV)			
NO. DATE	WHAT	APP.	REVISIONS
DATE: 05/01/2023	REV'D BY: CM BM	APPROVED BY:	DATE: SHEET 1 OF 1 SHEETS



STANDARD MATERIALS UNLESS OTHERWISE DIRECTED

ITEM QTY	DESCRIPTION
1	4 6" GASKET AND SET OF 8 BOLTS W/NUTS
2	4 6" S.O.W. FLANGE
3	1 6" FLD'G. GATE VALVE
4	1 6" FLD'G. 90° ELL
5	Var. 6" STEEL PIPE (6-5/8" CWDR)
6	1 6" HYDRANT GUARD CHECK VALVE (BOLTS & GASKETS INCLUDED)
7	1 FIRE HYDRANT HEAD (FWC J-4060)
8	1 VALVE BOX BOTTOM
9	1 VALVE BOX COVER PER STD. DWG. 117
10	1 VALVE COVER

SAN GABRIEL VALLEY WATER COMPANY		STANDARD DRAWING	
11142 EAST GARVEY AVENUE P.O. BOX 6010 EL MONTE, CALIFORNIA 91734		300	
TYPICAL 6-INCH FIRE HYDRANT INSTALLATION (FWC DIV)			
NO. DATE	WHAT	APP.	REVISIONS
DATE: 05/01/2023	REV'D BY: CM BM	APPROVED BY:	DATE: SHEET 1 OF 1 SHEETS



ISSUED FOR CONSTRUCTION FONTANA WATER COMPANY 15966 ARROW ROUTE P.O. BOX 987 - FONTANA, CALIFORNIA 92335		DESIGNED BY: RT START 03/06/24 FINISH 05/14/24 SUPERVISED BY: --- REVIEWED BY: CM KG BM
JOB NO. 7002F PARTS 1-4, 6 SHEET 8 OF 8	FONTANA FIRE TRAINING CENTER 6585 CHERRY AVENUE, FONTANA PROFILE AND STANDARD DWGS	CONSTRUCTION START -/-/- CONSTRUCTION FINISH -/-/- AS BUILT COMP. -/-/- SCALE AS SHOWN GRID 7910, 8010