

GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA AT PHONE NUMBER 811 AT LEAST 48 WORKING HOURS PRIOR TO BREAKING GROUND PER CALIFORNIA GOVERNMENT CODE SECTION 4216.
2. CONTRACTOR SHALL NOTIFY LBUD INSPECTION AT (562) 244-9334 48-HOURS PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY EACH POINT OF CONNECTION IN THE FIELD, INCLUDING PIPE MATERIAL AND DEPTH.
4. WATER SERVICE DEPTH SHALL HAVE COVER BETWEEN 36 AND 45 INCHES. IF EXISTING MAIN IS DEEPER THAN 45 INCHES, THE TRANSITION SHALL BE ACCOMPLISHED WITH A FLANGED 45° BEND CONNECTED TO THE TAPPING VALVE.
5. ALL BURIED FITTINGS AT FLANGED CONNECTIONS, VALVES, COUPLINGS, WASHERS, AND DI PIPE SHALL BE COATED WITH NO-OX-ID 'A-SPECIAL' GREASE COMPOUND AND WRAPPED WITH NO-OX-ID PROTECTIVE WRAP. THE ENTIRE ASSEMBLY SHALL BE ENCASED WITH TWO LAYERS OF 8-MIL POLYETHYLENE WRAP AND SECURED WITH 10-MIL PIPE WRAP TAPE.
6. THRUST RESTRAINING GASKETS SHALL BE USED IN ALL PUSH-ON JOINTS. THRUST BLOCKS SHALL BE INSTALLED AT ALL BURIED VERTICAL AND HORIZONTAL BENDS PER WDS-107. CONCRETE SHALL BE PER SSPWC 600-C-2500. PLACE THRUST BLOCKS AGAINST UNDISTURBED SOIL.
7. HYDROSTATIC TEST SHALL BE PERFORMED AT 150 PSI FOR A DURATION OF NO LESS THAN 2 HOURS. HYDROSTATIC AND BACTERIOLOGICAL TESTS SHALL BE COMPLETED AND ACCEPTED PRIOR TO CONSTRUCTING SYSTEM TIE-INS.
8. AN EASEMENT SHALL BE DEDICATED TO THE LBUD TO PERMIT MAINTENANCE OF THE SERVICE LATERAL. THE EASEMENT SHALL BE 10 FEET WIDE AND 5 FEET BEYOND THE FIRST ABOVE-GROUND RISER (MINIMUM).
9. ALL CONSTRUCTION SHALL BE PER THIS APPROVED CONSTRUCTION DRAWING AND APPROVED MATERIALS LIST.
10. CONTRACTOR SHALL HAVE A COPY OF APPROVED DESIGN PLAN AND MATERIALS SUBMITTALS ON SITE AT ALL TIMES. FAILURE TO COMPLY SHALL RESULT IN LBUD INSPECTORS STOPPING ALL WORK AT THE CONTRACTOR'S EXPENSE.
11. CONTRACTOR SHALL RECORD DATA ON VALVE INFORMATION TABLE, ALL FIELD CHANGES, AND PROVIDE SIGNED 'AS-BUILT' DRAWING TO THE SATISFACTION OF LBUD PRIOR TO PROJECT CLOSE-OUT.
12. NON-POTABLE PIPELINE CROSSINGS SHALL BE INSTALLED IN ACCORDANCE WITH LBUD STD. WDS-405.
13. LATERALS THAT CROSS PIPELINES REGULATED UNDER § 64572, WATER MAIN SEPARATION, OF TITLE 22 CCR, AT THE OPTION OF LBUD: PRIOR TO CONSTRUCTION, ENGINEER SHALL INCLUDE A SCALE ELEVATION (TYPICALLY 1" = 4' HORIZONTALLY AND VERTICALLY) SHOWING ALL UTILITIES CROSSED, AND HOW THE PROPOSED PIPELINE WILL MEET THE SEPARATION CRITERIA

CONSTRUCTION NOTES

1. TAP EXIST. X" {MAT} PIPE WITH X" X X" LONG-BODY STAINLESS STEEL TAPPING SLEEVE (FIELD VERIFY POINT OF CONNECTION.)
2. INSTALL THRUST BLOCK PER WDS-107.
3. INSTALL X" FLG. VALVE NO. ____-WVA-____.
4. INSTALL GATE BOX TO GRADE PER WDS-115, WDS-116, & WDS-119.
5. INSTALL X" FLG. X P.O. CONNECTING PIECE.
6. INSTALL X" P.O. ZINC-COATED DIP (CLASS 52); TRENCH & BACKFILL PER WDS-406. INSTALL TEMPORARY STEEL PLATES PER WDS-128.
7. INSTALL X" X 90° FLG. BEND.
8. INSTALL X" FABRICATED DIP SPOOL (CLASS 53).
9. C-16 CONTRACTOR SHALL SET X" {CHOOSE ONE: AMES 3000SS OR FEBCO LF876V} DOUBLE CHECK DETECTOR ASSEMBLY. PROVIDE CHAINS FOR LOCKING HAND WHEELS.
10. POINT OF CONNECTION FOR C-16 FIRE PROTECTION CONTRACTOR. AFTER FIRELINE PORTION INSTALLED BY C-34 CONTRACTOR HAS BEEN TESTED, C-16 CONTRACTOR SHALL INSTALL TEST PLATE TO STAY IN PLACE UNTIL AFTER COMPLETION OF ON-SITE PRESSURE TESTING.
11. INSTALL METER SUPPORT SLAB PER WDS-010.

AS-BUILT DRAWING SUBMISSION

I CERTIFY THAT THE INFORMATION PROVIDED HEREON REFLECTS ALL FIELD CHANGES, AS-BUILT CONDITIONS, AND THAT THE VALVE INFORMATION TABLE IS PROPERLY FILLED OUT.

NAME & SIGNATURE DATE

OWNER REVIEW

NAME & SIGNATURE DATE

VALVE INFORMATION TABLE

NEW VALVE	SIZE (IN.)	MAKE (MFG.)	STEM DEPTH	NO. OF TURNS	PIPE COVER	NORTH – SOUTH STREET	DIST. FROM PROP. LINE	DIST. FROM CURB	EAST – WEST STREET	DIST. FROM PROP. LINE	DIST. FROM CURB	DRAWING/FILE NO. REMARKS
____-WVA-____	X					XXXXXX AVENUE			E. XXXXX STREET			EO-XXXX, FL

APPROVED:

FIRE & LIFE SAFETY PLAN CHECK NO. DATE

LONG BEACH UTILITIES DEPARTMENT

F. ANATOLE FALAGÁN
GENERAL MANAGER



X-INCH FIRELINE SERVICE
(BUSINESS NAME)

E. XXXXXX STREET

DESIGNED BY: NAME – DATE

DRAWN BY: NAME – DATE

CHECKED BY: NAME DATE

RECORD DWG BY: ____/____/____

SCALE: 1" = 20'

ATLAS NO.: ###

FILE: EO-XXXX

FAMIS PROJECT CODE:
XXX###

MUNIS PROJECT CODE:
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SHEET 1 OF 1 SHEET

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