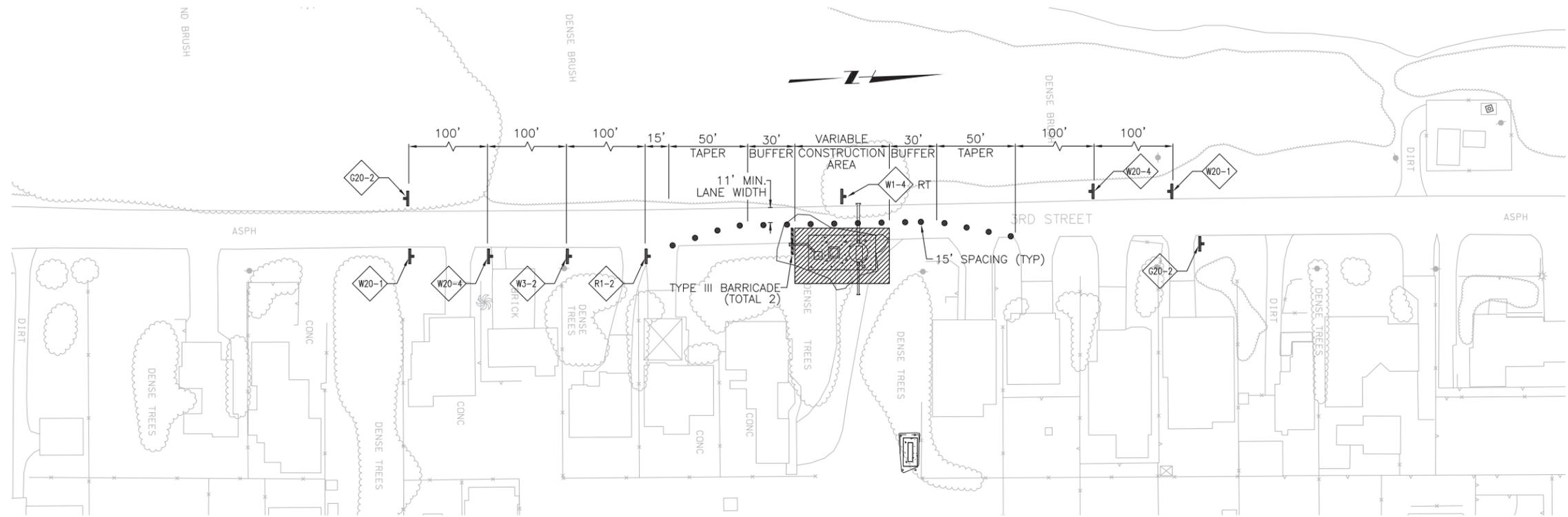


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TYPICAL PUMP STATION – SHOULDER AND ROADWAY EDGE WORK
 (WEST PASO PS, PPS 11-A, PPS 12-A, PPS 13-A)

NOTES:

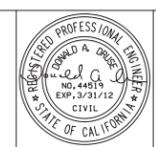
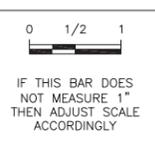
1. CONTRACTOR TO CHECK THE PROJECT SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS FOR ARTERIAL, COLLECTOR, AND BUSINESS STREET SEGMENTS. THIS PLAN APPLIES ONLY TO SHOULDER AND ROADWAY EDGE WORK ON ROADWAYS CLASSIFIED AS "MINOR STREETS".
2. THIS DRAWING SHOWS ONLY ONE STAGE OF TRAFFIC CONTROL. CONTRACTOR SHALL INCLUDE THEIR STAGING PLAN IN THEIR OWN TRAFFIC CONTROL PLAN SUBMITTAL. SUBMIT TO THE ENGINEER FOR REVIEW AND ACCEPTANCE.
3. WHEN MINOR STREET ROAD CLOSURES ARE ALLOWED, THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF THE MUTCD (2010 CALIFORNIA EDITION) FOR DETOUR SIGNAGE, INCLUDING 48-HOUR DOORKNOB NOTICING TO AFFECTED RESIDENTS. SUBMIT DETOUR DETOUR PLANS TO THE ENGINEER FOR REVIEW AND ACCEPTANCE.
4. 11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED AT ALL TIMES. LANE WIDTH IS MEASURED FROM THE NEAR EDGE OF CHANNELIZING DEVICES TO THE EDGE OF PAVEMENT OR CURB/AC BERM FLOWLINE.
5. THIS TRAFFIC CONTROL PLAN IS INTENDED ONLY FOR DAYLIGHT AND/OR WORKING HOURS. WHEN OUTSIDE OF CONSTRUCTION HOURS A MINIMUM OF ONE 10' LANE IN EACH DIRECTION SHALL BE OPEN FOR PUBLIC TRAFFIC.

SCALE: 1"=40'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: _____ RDH
 DRAWN BY: _____ RDH
 CHECKED BY: _____ DAD
 DATE: _____ MARCH 2012

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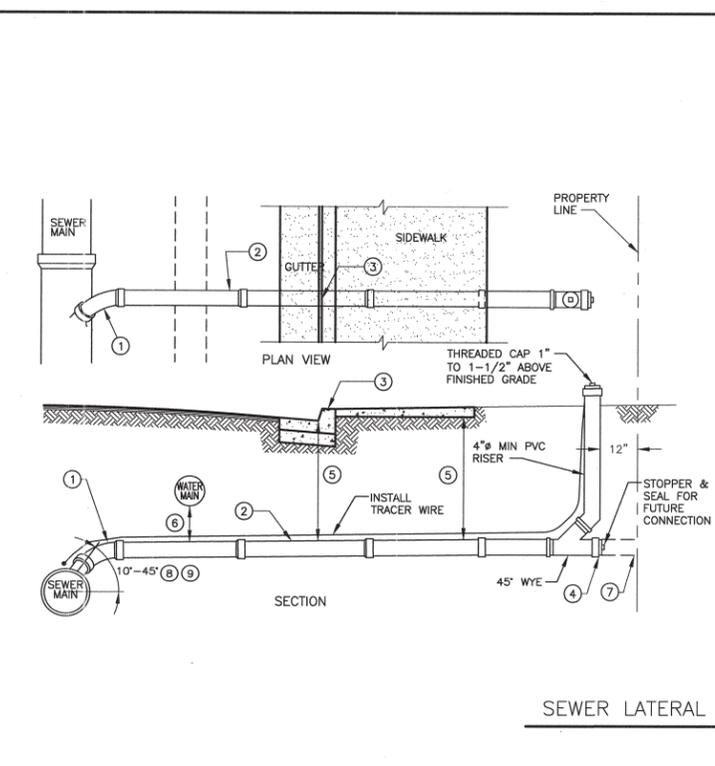
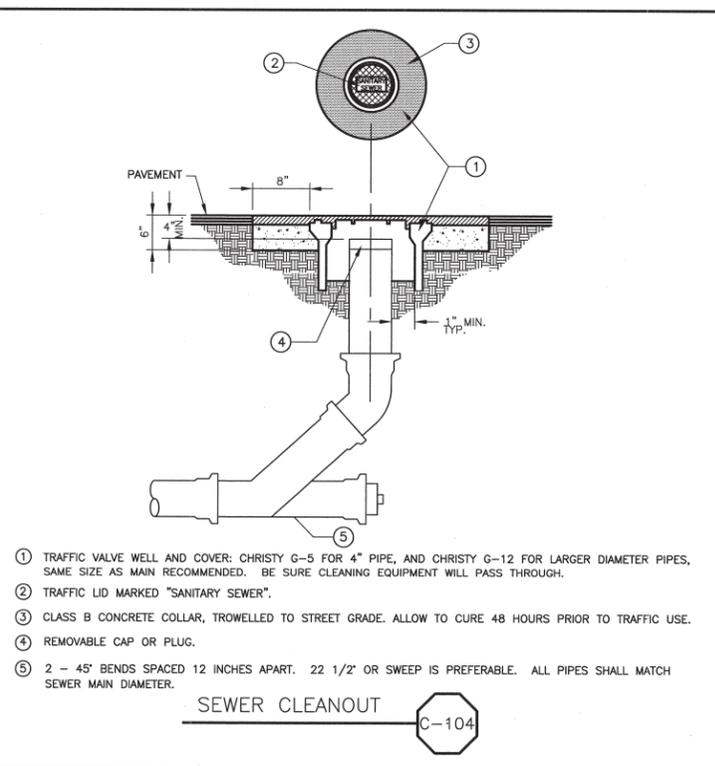
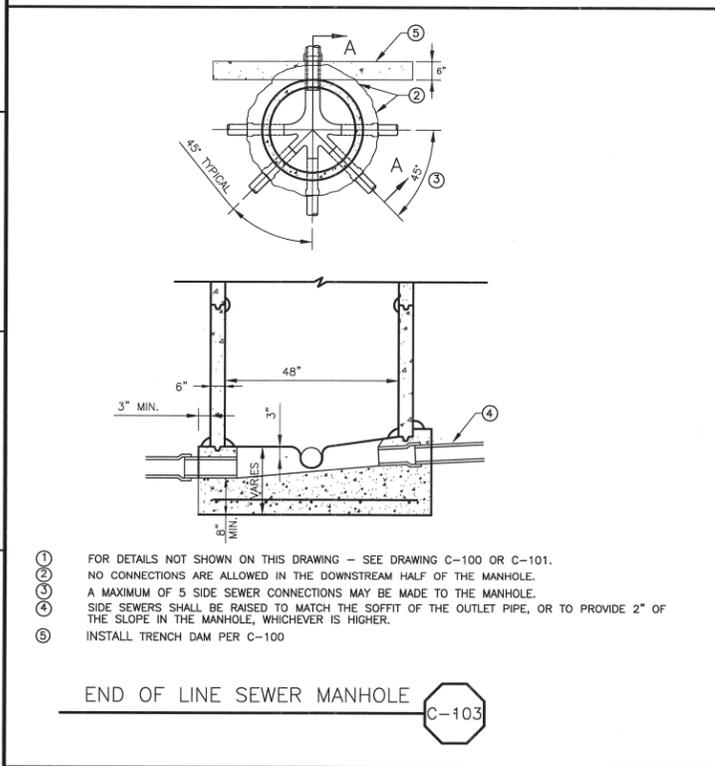
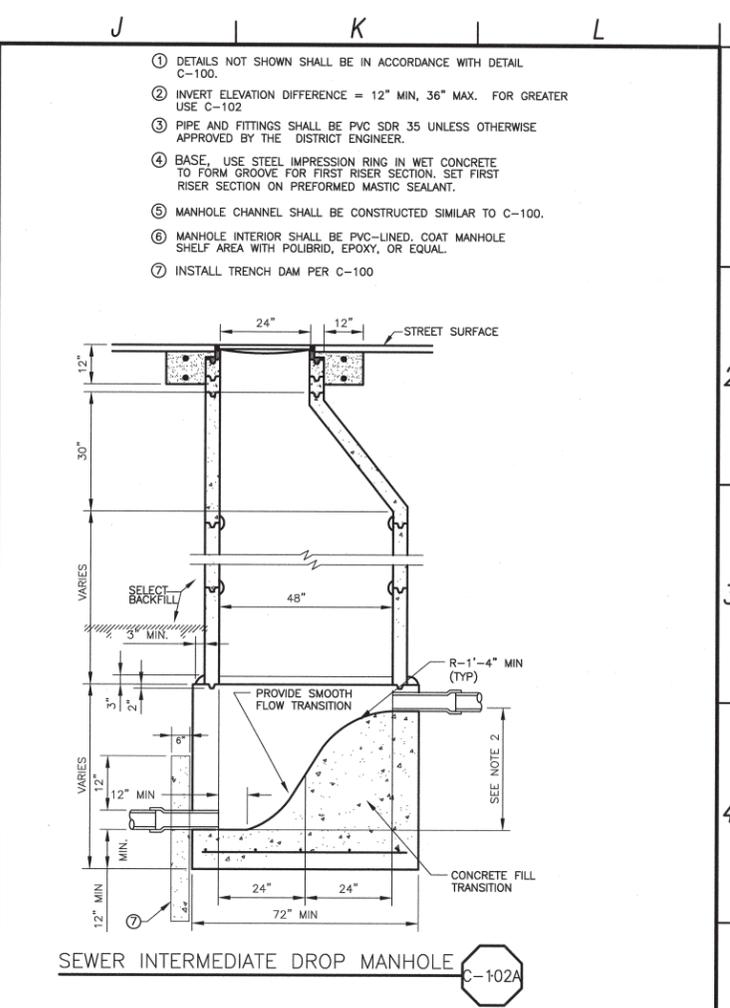
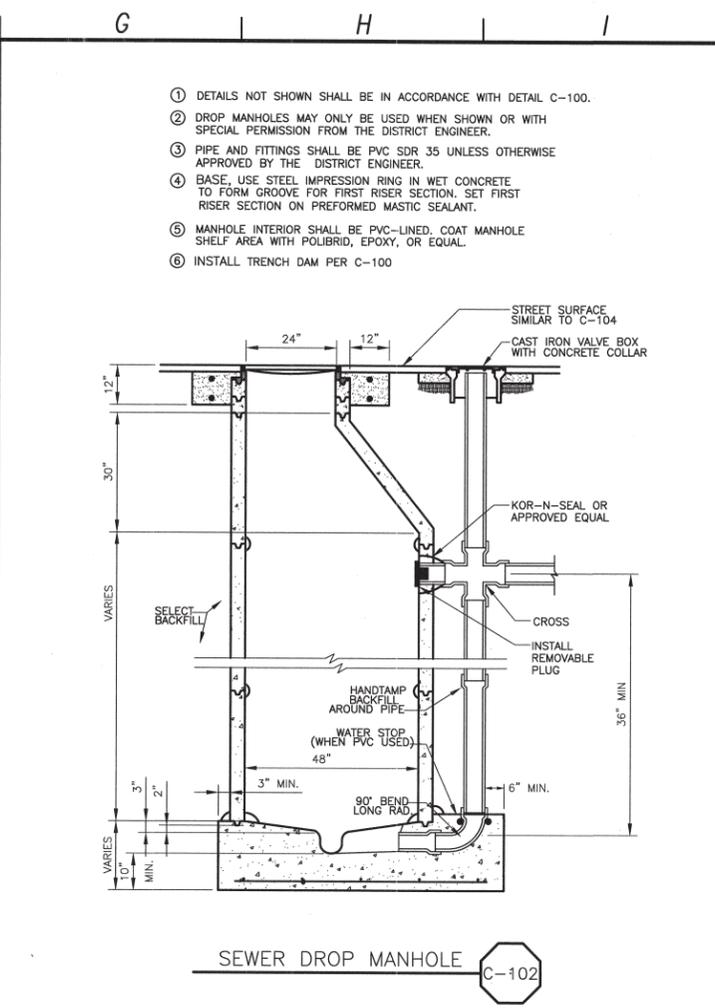
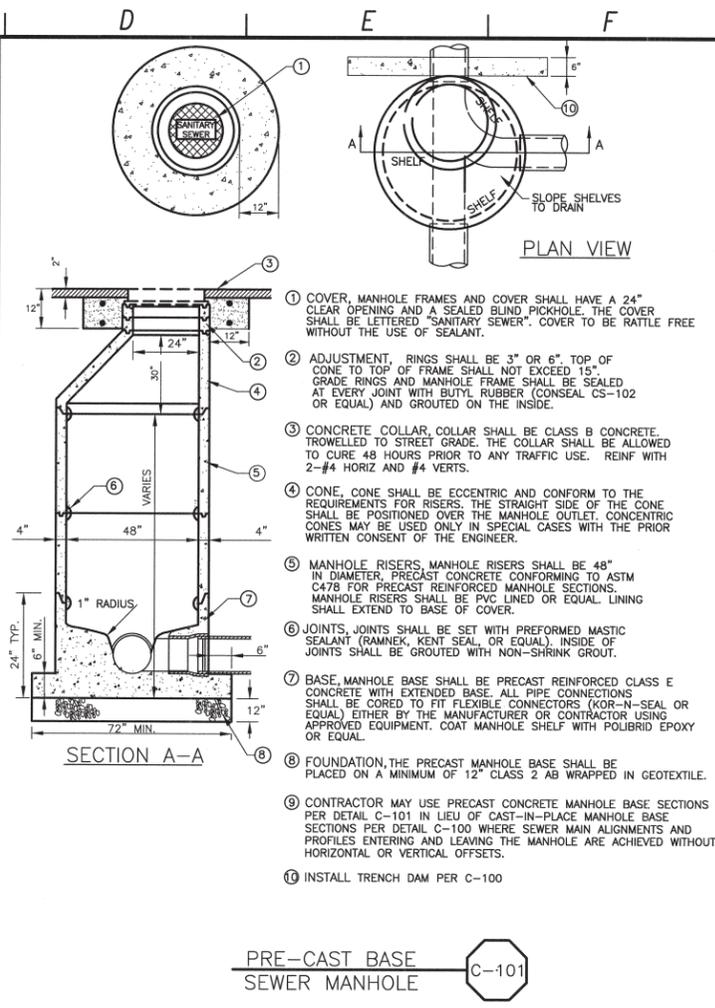
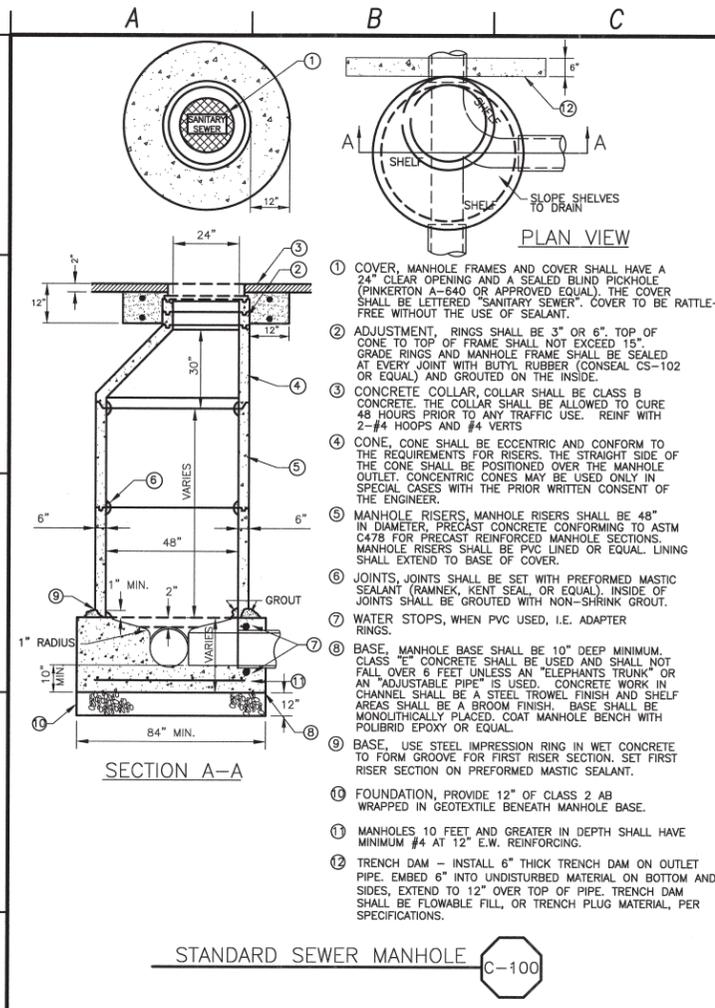
RICK
 PROFESSIONAL COMPANY
 1115 HAVENWOOD BLVD SUITE 115
 SAN JUAN COLLEGE CA 95021
 916 544 0100
 FAX 916 544 2252
 Lic: 6888 - Surveying, Engineering
 68888 - Geology, Planning, Permitting
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LOS OSOS WASTEWATER COLLECTION SYSTEM
 AREA A TRAFFIC CONTROL PLAN
 TYPICAL PUMP STATION
 SHOULDER AND ROADWAY EDGE WORK

PROJECT NO. 42502-83120
 FILE NAME:
 SHEET NO.
A-TC-011

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REV. NO.	DATE	DRWN	CHKD	REMARKS

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 DRAWN BY: JAW
 CHECKED BY: BJC
 DATE: MARCH, 2012

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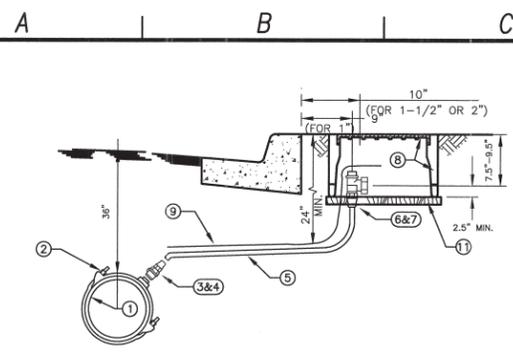
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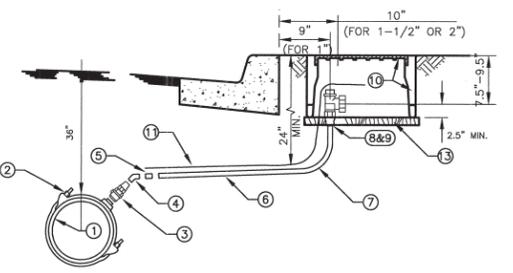
LOS OSOS WASTEWATER COLLECTION SYSTEM
GENERAL CIVIL STANDARD CIVIL DETAILS - 1
 PROJECT NO. 42502-83120
 FILE NAME: A-GC-060
 SHEET NO. A-GC-060

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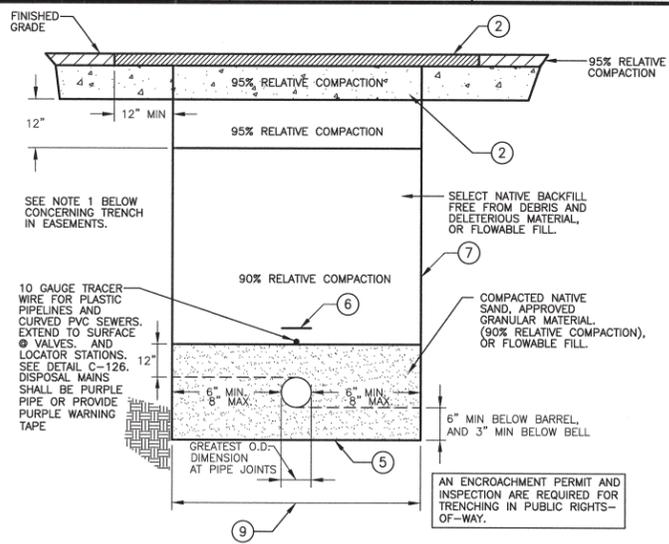
3/4"	
1 WATER MAIN	PER PLAN
2 SERVICE SADDLE	BRONZE, DOUBLE STRAP, JAMES JONES J-979 FOR AC PIPE, JAMES JONES J-969 FOR PVC PIPE OR APPROVED EQUAL.
3 CORPORATION STOP	GROUNDKEY: JAMES JONES J-1944, 1" SIZE ONLY, MIP X MIP #41
4 ADAPTER	1" FIP X INSTATITE, MUELLER H15456
5 SERVICE LATERAL	1" POLYETHYLENE ONLY, IPS SIZE, 200 PSI MINIMUM, WESTFLEX GOLD LABEL 3408, DRISCOPIPE, OR APPROVED EQUAL.
6 ANGLE METER STOP (BALL TYPE)	JAMES JONES J-1527 (1"x1" OR 1"x 3/4")
7 ADAPTER	1" MIP X INSTATIGHT H15456
8 METER BOX AND LID	BROOKS 37 SERIES (TRAFFIC LID IN TRAFFIC AREA ONLY)
9	10 GAGE TRACER WIRE PER SPECIFICATIONS.
10	IN UNPAVED AREAS, RAISE METER BOX 1" ABOVE THE ADJACENT FINISHED SURFACE.
11	1" X 12" CONCRETE BASE
12	CUSTOMER SIDE CURB STOP - JONES J 1913W

SINGLE WATER SERVICE C-110



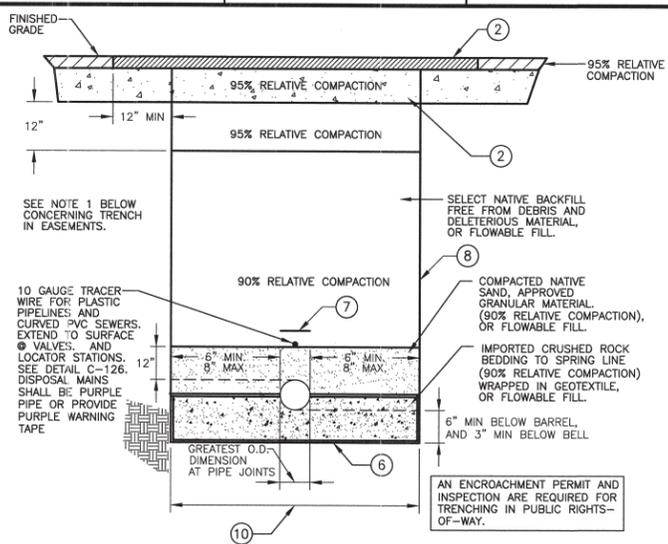
1-1/2"	
1 WATER MAIN	PER PLAN
2 SERVICE SADDLE	BRONZE, DOUBLE STRAP, JAMES JONES J-979 FOR AC PIPE, JAMES JONES J-969 FOR PVC PIPE OR APPROVED EQUAL.
3 CORPORATION STOP	BALL VALVE: JAMES JONES J-1943, 2" SIZE ONLY, MIP X MIP
4 BRASS 45° EL	2" 45° ELBOW ONLY
5 ADAPTER	FORD 2" PAC COUPLING X MIP
6 SERVICE LATERAL	2" SCH 80 PVC ONLY
7 90° ELBOW	2" SCH 80 90° ELBOW
8 ANGLE METER STOP (BALL TYPE)	FORD FB11027
9 ADAPTER	2" SCH 80 MIP X SOC
10 METER BOX AND LID	BROOKS 38 SERIES (TRAFFIC LID IF IN DRIVEWAY)
11	10 GAGE TRACER WIRE PER SPECIFICATIONS.
12	IN UNPAVED AREAS, RAISE METER BOX 1" ABOVE THE ADJACENT FINISHED SURFACE.
13	1" X 12" CONCRETE BASE
14	CUSTOMER SIDE CURB STOP - JF108

SINGLE WATER SERVICE C-111



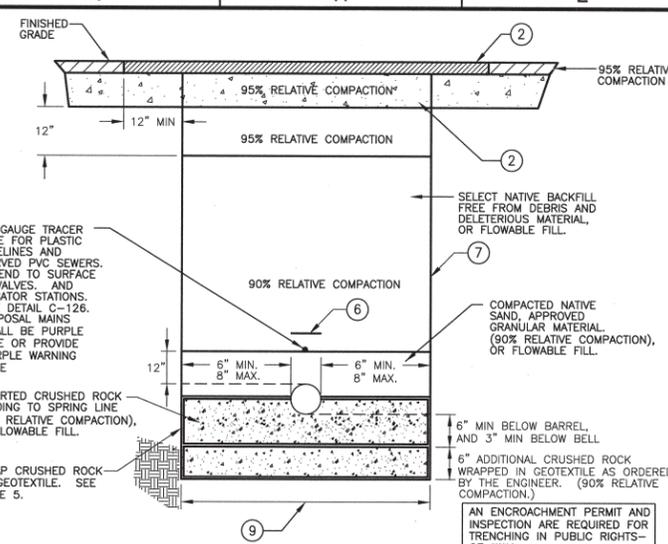
- NOTES:**
- A MINIMUM OF 90% RELATIVE COMPACTION IS PERMITTED IN A NON-ROADWAY TRENCH WHEN NO STRUCTURES ARE TO BE BUILT OVER THE TRENCH. IF STRUCTURES ARE TO BE BUILT OVER THE TRENCH, USE RELATIVE COMPACTIONS SHOWN ON THE TRENCH SECTION ABOVE.
 - PAVEMENT SECTIONS SHALL BE NO LESS THAN EXISTING STRUCTURAL SECTIONS, AND AS REQUIRED BY THE COUNTY FOR TRENCHES WITHIN A COUNTY RIGHT-OF-WAY. SEE DETAIL C-120.
 - SEE DETAIL C-116B FOR WET TRENCH SECTION.
 - A DRY TRENCH IS A TRENCH IN NON-GROUNDWATER AREAS.
 - WHERE THE BOTTOM OF THE TRENCH HAS BEEN DISTURBED, THE CONTRACTOR SHALL SCARIFY AND COMPACT THE SUBGRADE TO 90% RELATIVE COMPACTION.
 - 3" WIDE POLYETHYLENE NON-DETECTABLE WARNING TAPE 12" ABOVE ALL PIPE AND LATERALS.
 - VERTICAL TRENCH WALL DEPICTED, SHORING SHALL BE DESIGNED BY CONTRACTOR. TRENCH WALLS MAY BE SLOPED, CONTRACTOR SHALL COORDINATE TRENCH CONFIGURATION WITH OTHER GRAVITY, FORCEMAIN, RECYCLED WATER, AND CONDUIT PIPELINE TRENCH SECTIONS, AND CONFORM TO CULTURAL AND ENVIRONMENTAL RESTRICTIONS, THE TRAFFIC MANAGEMENT PLAN REQUIREMENTS, AND SHALL PROTECT EXISTING IMPROVEMENTS.
 - IF FLOWABLE FILL IS USED FOR BACKFILL, CONTRACTOR SHALL PROTECT AGAINST BUOYANT FORCE.
 - THIS DIMENSION AT PIPE SPRINGLINE, PLUS 24" FOR T-CUT, CONSTITUTES THE PAY LIMIT FOR AC AND AB REPLACEMENT, UNO IN TABLE 1 OF DETAIL C-120A

PIPELINE DRY TRENCH SECTION 10" AND SMALLER C-116



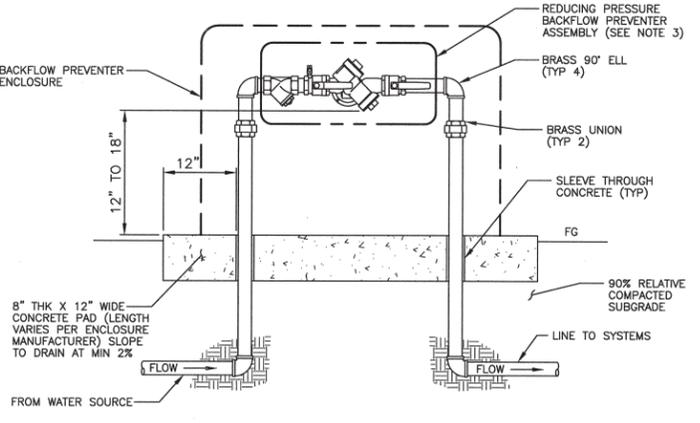
- NOTES:**
- A MINIMUM OF 90% RELATIVE COMPACTION IS PERMITTED IN A NON-ROADWAY TRENCH WHEN NO STRUCTURES ARE TO BE BUILT OVER THE TRENCH. IF STRUCTURES ARE TO BE BUILT OVER THE TRENCH, USE RELATIVE COMPACTIONS SHOWN ON THE TRENCH SECTION ABOVE.
 - PAVEMENT SECTIONS SHALL BE NO LESS THAN EXISTING STRUCTURAL SECTIONS, AND AS REQUIRED BY THE COUNTY FOR TRENCHES WITHIN A COUNTY RIGHT-OF-WAY. SEE DETAIL C-120.
 - SEE DETAIL C-116B FOR WET TRENCH SECTION.
 - A DRY TRENCH IS A TRENCH IN NON-GROUNDWATER AREAS.
 - ENDS OF GEOTEXTILE SHALL TOUCH PIPE BARREL. GEOTEXTILE MAY BE LAPPED UNDER PIPE IF DESIRED.
 - WHERE THE BOTTOM OF THE TRENCH HAS BEEN DISTURBED, THE CONTRACTOR SHALL SCARIFY AND COMPACT THE SUBGRADE TO 90% RELATIVE COMPACTION.
 - 3" WIDE POLYETHYLENE NON-DETECTABLE WARNING TAPE 12" ABOVE ALL PIPE AND LATERALS.
 - VERTICAL TRENCH WALL DEPICTED, SHORING SHALL BE DESIGNED BY CONTRACTOR. TRENCH WALLS MAY BE SLOPED, CONTRACTOR SHALL COORDINATE TRENCH CONFIGURATION WITH OTHER GRAVITY, FORCEMAIN, RECYCLED WATER, AND CONDUIT PIPELINE TRENCH SECTIONS, AND CONFORM TO CULTURAL AND ENVIRONMENTAL RESTRICTIONS, THE TRAFFIC MANAGEMENT PLAN REQUIREMENTS, AND SHALL PROTECT EXISTING IMPROVEMENTS.
 - IF FLOWABLE FILL IS USED FOR BACKFILL, CONTRACTOR SHALL PROTECT AGAINST BUOYANT FORCE.
 - THIS DIMENSION AT PIPE SPRINGLINE, PLUS 24" FOR T-CUT, CONSTITUTES THE PAY LIMIT FOR AC AND AB REPLACEMENT, UNO IN TABLE 1 OF DETAIL C-120A

PIPELINE DRY TRENCH SECTION 12" AND LARGER C-116A



- NOTES:**
- A MINIMUM OF 90% RELATIVE COMPACTION IS PERMITTED IN A NON-ROADWAY TRENCH WHEN NO STRUCTURES ARE TO BE BUILT OVER THE TRENCH. IF STRUCTURES ARE TO BE BUILT OVER THE TRENCH, USE RELATIVE COMPACTIONS SHOWN ON THE TRENCH SECTION ABOVE.
 - PAVEMENT SECTIONS SHALL BE NO LESS THAN EXISTING STRUCTURAL SECTIONS, AND AS REQUIRED BY THE COUNTY FOR TRENCHES WITHIN A COUNTY RIGHT-OF-WAY. SEE DETAIL C-120.
 - SEE DETAILS C-116 AND C-116A FOR DRY TRENCH SECTIONS.
 - A WET TRENCH IS A TRENCH IN GROUNDWATER AREAS BUT HAS BEEN DEWATERED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS.
 - ENDS OF GEOTEXTILE SHALL TOUCH PIPE BARREL. GEOTEXTILE MAY BE LAPPED UNDER PIPE IF DESIRED.
 - 3" WIDE POLYETHYLENE NON-DETECTABLE WARNING TAPE 12" ABOVE ALL PIPE AND LATERALS.
 - VERTICAL TRENCH WALL DEPICTED, SHORING SHALL BE DESIGNED BY CONTRACTOR. TRENCH WALLS MAY BE SLOPED, CONTRACTOR SHALL COORDINATE TRENCH CONFIGURATION WITH OTHER GRAVITY, FORCEMAIN, RECYCLED WATER, AND CONDUIT PIPELINE TRENCH SECTIONS, AND CONFORM TO CULTURAL AND ENVIRONMENTAL RESTRICTIONS, THE TRAFFIC MANAGEMENT PLAN REQUIREMENTS, AND SHALL PROTECT EXISTING IMPROVEMENTS.
 - IF FLOWABLE FILL IS USED FOR BACKFILL, CONTRACTOR SHALL PROTECT AGAINST BUOYANT FORCE.
 - THIS DIMENSION AT PIPE SPRINGLINE, PLUS 24" FOR T-CUT, CONSTITUTES THE PAY LIMIT FOR AC AND AB REPLACEMENT, UNO IN TABLE 1 OF DETAIL C-120A

PIPELINE WET TRENCH SECTION ALL DIAMETERS C-116B



- NOTES:**
- EQUIPMENT TO BE INSTALLED AT A MINIMUM OF 24" FROM ANY STRUCTURES OR HARDSCAPING.
 - WHEN UNIT IS NEXT TO A STRUCTURE (I.E. WALL, BUILDING, ETC.) MOUNT TEST COCKS ON OPEN OR NON-STRUCTURE SIDE.
 - SHALL BE FERCO 825YA OR APPROVED EQUAL.

BACKFLOW PREVENTER WITH ENCLOSURE NOT TO SCALE C-112

DESIGNED BY: BJC
 DRAWN BY: JAW
 CHECKED BY: MM
 DATE: MARCH, 2012

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LOS OSOS WASTEWATER COLLECTION SYSTEM
 GENERAL CIVIL STANDARD CIVIL DETAILS - 2

PROJECT NO. 42502-83120
 FILE NAME: A-GC-061
 SHEET NO. A-GC-061

REV. NO.	DATE	DRWN	CHKD	REMARKS

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CRITERIA FOR THE SEPARATION OF WATER MAINS AND SANITARY SEWERS

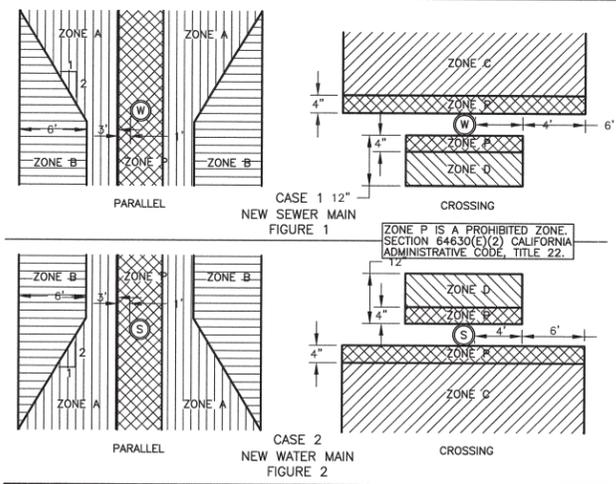
CASE 1
NEW SEWER MAIN BEING INSTALLED
(SEE FIGURE 1)

ZONE	SPECIAL CONSTRUCTION REQUIRED FOR SEWER:
A	SEWER LINES PARALLEL TO WATER MAINS SHALL NOT BE PERMITTED IN THIS ZONE WITHOUT APPROVAL FROM THE RESPONSIBLE HEALTH AGENCY AND WATER SUPPLIER.
B	A SEWER LINE PLACED PARALLEL TO A WATER LINE SHALL BE CONSTRUCTED OF: 1. PLASTIC SEWER PIPE WITH RUBBER RING JOINTS (PER ASTM D3034) OR EQUIVALENT. 2. CAST OR DUCTILE IRON PIPE WITH COMPRESSION JOINTS.
C	A SEWER LINE CROSSING A WATER MAIN SHALL BE CONSTRUCTED OF: 1. DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING AND MECHANICAL JOINTS. 2. A CONTINUOUS SECTION OF CLASS 200 (OR 14 PER AWWA C900) PLASTIC PIPE, OR EQUIVALENT, CENTERED OVER THE PIPE BEING CROSSED. 3. ANY SEWER PIPE WITHIN A CONTINUOUS SLEEVE.
D	A SEWER LINE CROSSING A WATER MAIN SHALL BE CONSTRUCTED OF: 1. A CONTINUOUS SECTION OF DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING. 2. A CONTINUOUS SECTION OF CLASS 200 (OR 14 PER AWWA C900) PLASTIC PIPE OR EQUIVALENT, CENTERED OVER THE PIPE BEING CROSSED. 3. ANY SEWER PIPE WITHIN A CONTINUOUS SLEEVE. 4. ANY SEWER PIPE SEPARATED BY A TEN-FOOT BY TEN-FOOT, FOUR-INCH THICK REINFORCED CONCRETE SLAB.

CASE 2
NEW WATER MAIN BEING INSTALLED
(SEE FIGURE 2)

ZONE	SPECIAL CONSTRUCTION REQUIRED FOR WATER:
A	NO WATER MAINS PARALLEL TO SERVICE SHALL BE CONSTRUCTED WITHOUT APPROVAL FROM THE HEALTH AGENCY.
B	IF THE SEWER PARALLELING THE WATER MAIN DOES NOT MEET THE CASE 1, ZONE B REQUIREMENTS, THE WATER MAIN SHALL BE CONSTRUCTED OF: 1. DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING. 2. DIPPED AND WRAPPED ONE-FOURTH-INCH-THICK WELDED STEEL PIPE. 3. CLASS 200 PRESSURE RATED PLASTIC WATER PIPE (DR 14 PER AWWA C900) OR EQUIVALENT. 4. REINFORCED CONCRETE PRESSURE PIPE, STEEL CYLINDER TYPE, PER AWWA (C300-74, C301-79 OR C303-70). 5. CLASS 200, TYPE II, ASBESTOS-CEMENT PRESSURE PIPE.
C	IF THE SEWER CROSSING THE WATER MAIN DOES NOT MEET THE CASE 1, ZONE C REQUIREMENTS, THE WATER MAIN SHALL HAVE NO JOINTS IN ZONE C AND BE CONSTRUCTED OF: 1, 2, 3 OR 4 AS IN ZONE B, ABOVE.
D	IF THE SEWER CROSSING THE WATER MAIN DOES NOT MEET THE CASE 1, ZONE D REQUIREMENTS, THE WATER MAIN SHALL HAVE NO JOINTS WITHIN FOUR FEET FROM EITHER SIDE OF THE SEWER AND SHALL BE CONSTRUCTED OF: 1, 2, 3 OR 4 AS IN ZONE B, ABOVE.

WATER AND SEWER SEPARATION NOTES C-117



NOTES AND DEFINITIONS

- COMPRESSION JOINT - A PUSH-ON JOINT THAT SEALS BY MEANS OF THE COMPRESSION OF A RUBBER RING OR GASKET BETWEEN THE PIPE AND A BELL OF COUPLING.
- DIMENSIONS ARE FROM THE OUTSIDE OF WATER MAIN TO OUTSIDE OF SEWER LINE OR MANHOLE.
- FUSED JOINT - THE JOINING OF SECTIONS OF PIPE USING THERMAL OR CHEMICAL BONDING PROCESSES.
- GROUND WATER - SUBSURFACE WATER FOUND IN THE SATURATION ZONE.
- HEALTH AGENCY - THE STATE DEPARTMENT OF HEALTH SERVICES. FOR THOSE WATER SYSTEMS SUPPLYING LESS THAN 200 SERVICE CONNECTIONS, THE LOCAL HEALTH OFFICER SHALL ACT FOR THE DEPARTMENT OF HEALTH SERVICES.
- HOUSE LATERAL - A SEWER PIPE CONNECTING THE BUILDING DRAIN AND THE MAIN SEWER LINE.
- LOW HEAD WATER MAIN - ANY WATER MAIN WHICH HAS A PRESSURE OF 5 PSI OR LESS AT ANY TIME AT ANY POINT IN THE MAIN.
- MECHANICAL JOINT - BOLTED JOINT
- RATED WORKING WATER PRESSURE OR PRESSURE CLASS - A PIPE CLASSIFICATION SYSTEM BASED UPON INTERNAL WORKING PRESSURE OF THE FLUID IN THE PIPE, TYPE OF PIPE MATERIAL, AND THE THICKNESS OF THE PIPE WALL.
- SLEEVE - A PROTECTIVE TUBE OF STEEL WITH A WALL THICKNESS OF NOT LESS THAN ONE-FOURTH INCH INTO WHICH A PIPE IS INSERTED.
- WATER SUPPLIER - ANY PERSON WHO OWNS OR OPERATES A PUBLIC WATER SYSTEM

WATER AND SEWER SEPARATION DIAGRAM C-118

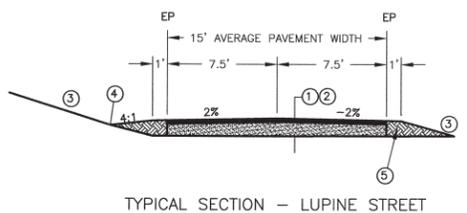
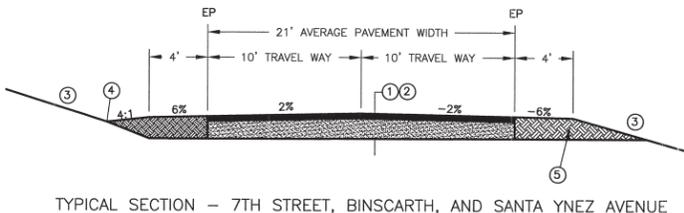
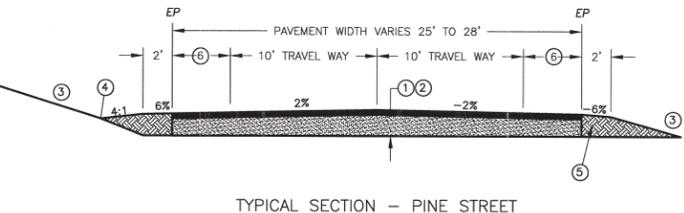
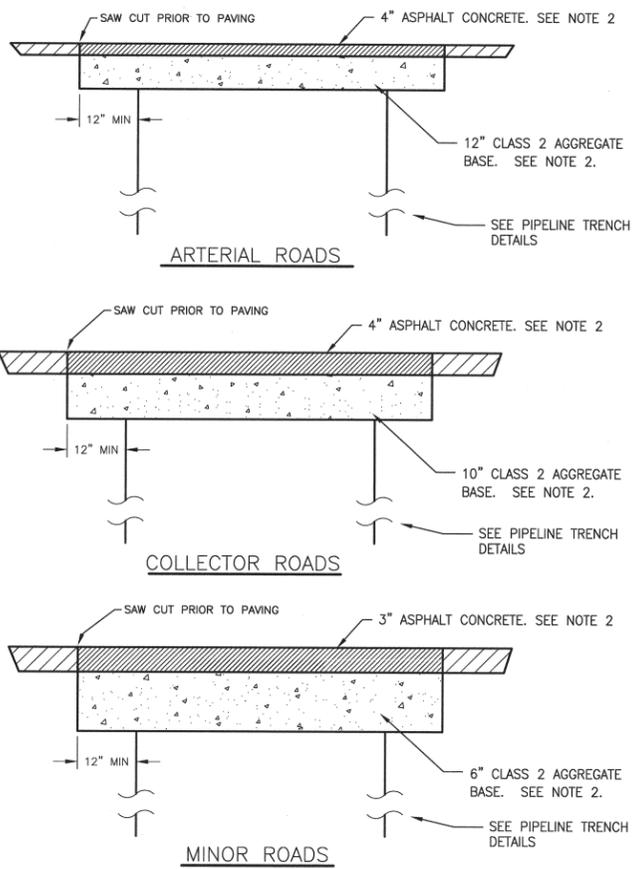
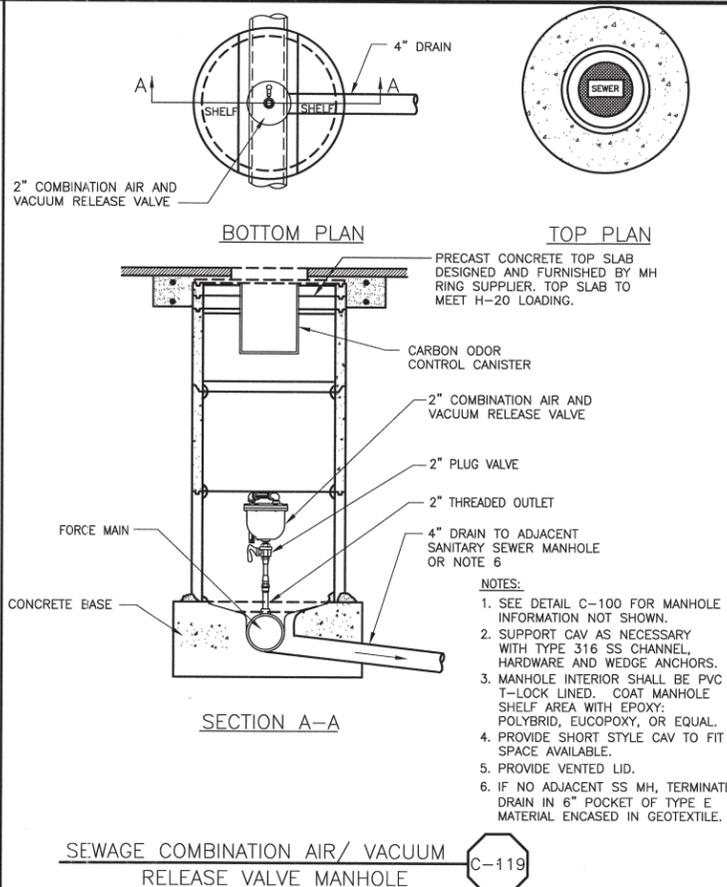


TABLE 1 - ROADS REQUIRING FULL DEPTH RECLAMATION

ROAD NAME	TI	STATION LIMITS OF FULL DEPTH RESTORATION	PULVERIZATION "DRY"	PULVERIZATION "WET"	STATION LIMITS OF "WET" ROAD
BINS-CARTH AVE.	6	1+25 (AT PECHO RD) 27+40 (AT BRODERSON AVE)	4"HMA	14" PTSG	1+25 27+40
7TH STREET	7	21+20 (AT RAMONA AVE) 55+00 (AT SANTA YSABEL AVE)	4"HMA	14" PCSG	35+50 48+10
PINE STREET	7	5+20 (AT LOS OSOS VALLEY RD) 33+00 (AT RAMONA AVE)	4"HMA	14" PCSG	26+10 33+00
SANTA YNEZ AVE.	6.5	28+00 (AT LOST OAK DR) 33+80 (AT MOUNTAIN VIEW AVE)	3"HMA	12" PCSG	1+20 5+40
LUPINE STREET	4.5	1+20 (AT DORIS AVE) 5+40 (AT FEARN AVE)	3"HMA	12" PTSG	1+20 5+40

NOTE:

- PTSG = PULVERIZED TREATED AND COMPACTED SUB GRADE
- PCSG = PULVERIZED COMPACTED SUB GRADE
- "DRY" = STREETS WHERE ESTIMATED GROUNDWATER LEVEL IS APPROXIMATELY GREATER THAN 10-FT BELOW GRADE
- "WET" = STREETS WHERE ESTIMATED GROUNDWATER LEVEL IS APPROXIMATELY LESS THAN 10-FT BELOW GRADE

TABLE 2 - ROADS WITH FULL DEPTH RECLAMATION - GENERAL SPECIFICATION

ROAD CATEGORY	PULVERIZATION "DRY"	PULVERIZATION "WET"
COLLECTOR STREET	4"HMA OVER 14" PCSG	4"HMA OVER 14" PTSG
MINOR STREET	3"HMA OVER 12" PCSG	3"HMA OVER 12" PTSG

TYPICAL FULL DEPTH ROAD RECLAMATION C-120A

NOTES:

- THE STRUCTURAL SECTION SHALL BE PER TABLE 1 FOR SPECIFIC ROADS REQUIRING FULL DEPTH RECLAMATION; TABLE 2 SHALL BE THE SPECIFICATION FOR OTHER ROADS WITHIN THE PROJECT AREA THAT RECEIVE FULL DEPTH RECLAMATION AT THE CONTRACTORS OPTION OR AS DIRECTED BY ENGINEER.
- TYPICAL STRUCTURAL ROAD SECTION SHALL BE:
HOT MIX ASPHALT (HMA) PER TABLE TO 95% RELATIVE COMPACTION, OVER PULVERIZED COMPACTED SUBGRADE OR PULVERIZED TREATED AND COMPACTED SUBGRADE TO 95% RELATIVE COMPACTION.
- CUT AND FILL SLOPE SHALL NOT EXCEED 2 HORIZONTAL TO 1 VERTICAL OR 3H:1V IN SAND.
- THE CONTRACTOR SHALL ACCOMMODATE FOR ROADSIDE DRAINAGE SUCH THAT IT DOES NOT ERODE THE ROAD SHOULDER. THE SIDE SLOPE OF ANY DRAINAGE SWALE ADJACENT TO THE ROADWAY SHALL NOT EXCEED 4H:1V.
- LIMITS OF PULVERIZATION SHALL EXTEND TO THE EDGE OF EXISTING ROAD PAVEMENT. PERFORM MINOR GRADING ON SHOULDERS TO ALLOW FOR DRAINAGE PER THE SECTION DETAILS OR AS DIRECTED BY ENGINEER.
- WIDTH VARIES UP TO 4'

ARTERIAL ROADS	COLLECTOR ROADS	MINOR ROADS
LOS OSOS VALLEY ROAD SOUTH BAY BOULEVARD	PECHO VALLEY ROAD SANTA YSABEL AVENUE RAMONA AVENUE NIPOMO AVENUE NINTH STREET (BTW LOS OSOS VALLEY RD & RAMONA AVE) PINE AVENUE SEVENTH STREET ELEVENTH STREET EL MORO AVENUE (BTW 2ND ST & 12TH ST) SECOND STREET (BTW EL MORO AVENUE & SANTA YSABEL AVE) BINS-CARTH ROAD PECHO ROAD BAYVIEW HEIGHTS DRIVE	ALL OTHER ROADS WITHIN PROJECT AREA

NOTES:

- MINIMUM ASPHALT CONCRETE THICKNESS SHALL BE 3".
- MATCH EXISTING ASPHALT CONCRETE AND AGGREGATE BASE THICKNESS IF THICKER.
- ASPHALT CONCRETE SHALL BE PER SPECIFICATIONS.
- GRAVEL AND BASE ROCK PAVED ROADS SHALL BE RESTORED TO MATCH EXISTING SECTION, IF FLOWABLE FILL IS USED, TERMINATE FLOWABLE FILL 6" BELOW GRADE AND RESTORE TO MATCH EXISTING.
- PROVIDE AND MAINTAIN TEMPORARY PAVEMENT UNTIL PERMANENT PAVEMENT IS INSTALLED.
- SEE DETAIL C-120A REGARDING ROADS REQUIRING FULL DEPTH RECLAMATION.

TRENCH PATCH PAVEMENT RESTORATION STRUCTURAL SECTION C-120

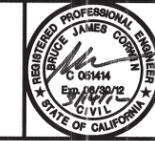
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: BJC
DRAWN BY: JAW
CHECKED BY: MM
DATE: MARCH, 2012

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Sacramento, CA 95833
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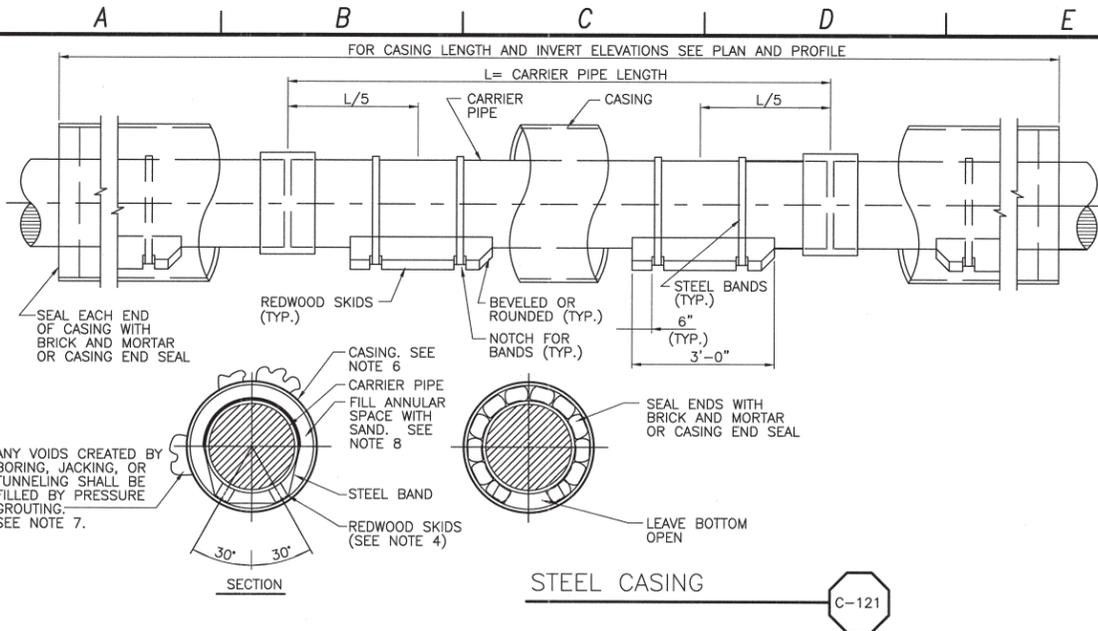
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN ADJUST SCALE ACCORDINGLY



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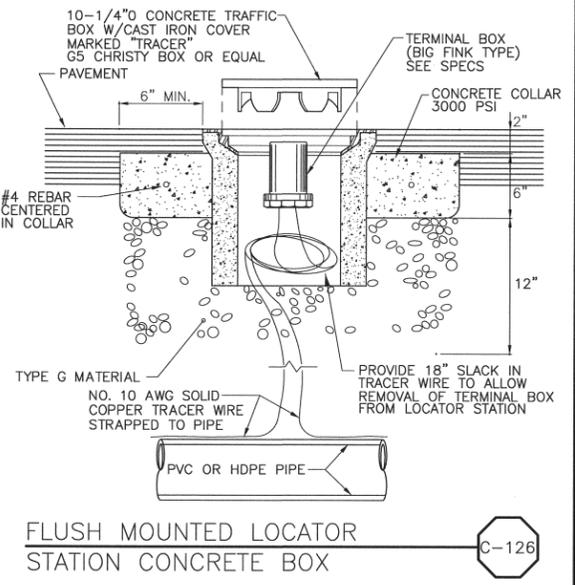
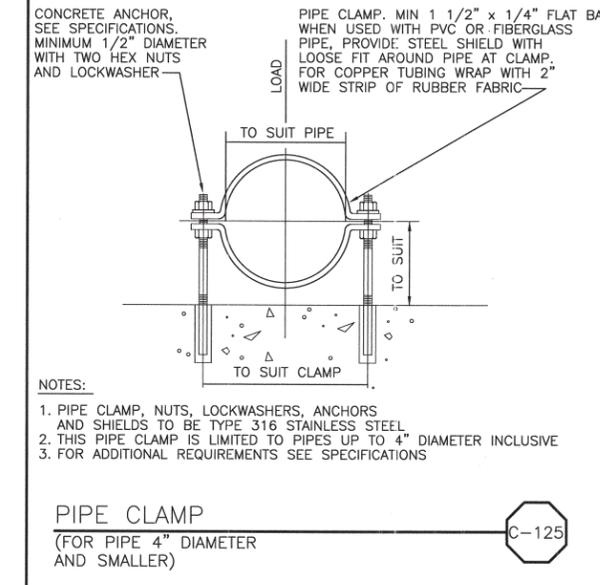
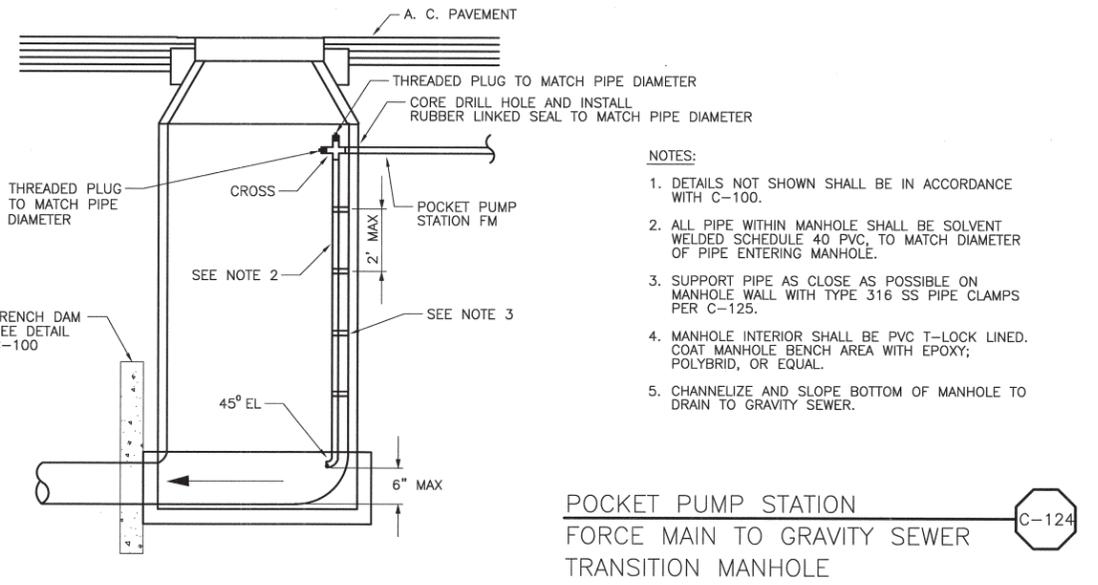
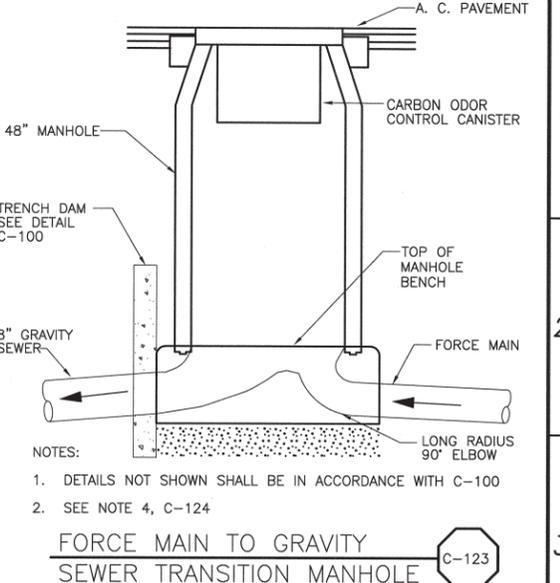
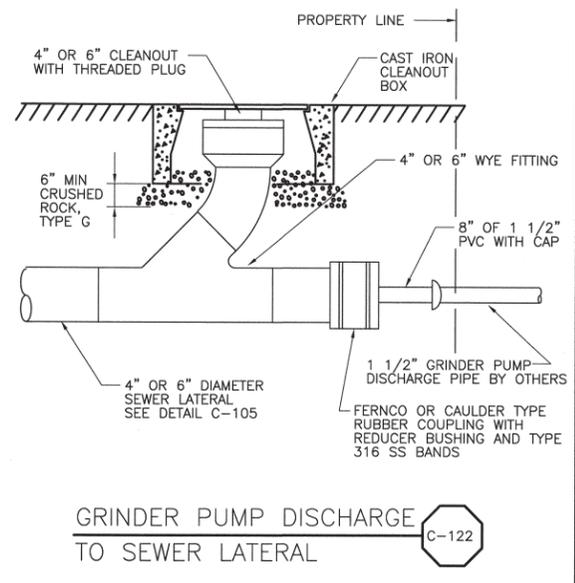
LOS OSOS WASTEWATER COLLECTION SYSTEM
GENERAL CIVIL STANDARD CIVIL DETAILS - 3
PROJECT NO. 42502-83120
FILE NAME: A-GC-062
SHEET NO. A-GC-062

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- NOTES:**
- CASING SHALL BE SMOOTH PIPE.
 - CARRIER PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 - CARRIER PIPE SHALL BE TESTED BEFORE SEALING ENDS OF PIPE.
 - SKIDS SHALL BE GREASED TO FACILITATE CARRIER PIPE INSTALLATION.
 - SEE SPECIFICATION SECTION 02151 BORING AND JACKING FOR ADDITIONAL REQUIREMENTS.
 - CASING I.D. SHALL BE PIPE BELL O.D. PLUS 12" MIN, BUT NOT LESS THAN 20".
 - PROVIDE THREADED GROUT PORTS IN CASING TO ENABLE PRESSURE GROUTING. SEAL WITH THREADED CAST IRON OR STEEL PLUGS UPON COMPLETION.
 - BLOCK CARRIER PIPE TO PREVENT PIPE FLOTATION OR DISTURBANCE DURING SAND BACKFILLING.
 - IF TRENCHLESS SECTION INCLUDES CONDUITS, ADD 12" TO SUM OF CARRIER PIPE BELL OD AND LARGEST CONDUIT BELL OD TO ESTABLISH CASING I.D.

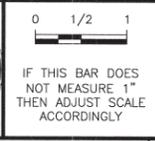
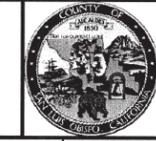
CASING SIZE	CASING WALL THICKNESS (α)	SKID SIZE
20", 22"	1/2" MIN	4" x 4"
24"	1/2" MIN	4" x 4"
26"	1/2" MIN	4" x 4"
30"	1/2" MIN	4" x 4"
34"	1/2" MIN	4" x 4"
40"	5/8" MIN	6" x 6"
44"	5/8" MIN	6" x 6"



REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: BJC
 DRAWN BY: JAW
 CHECKED BY: MM
 DATE: MARCH, 2012

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 Sacramento, CA 95833
 Tel: (916) 567-9900

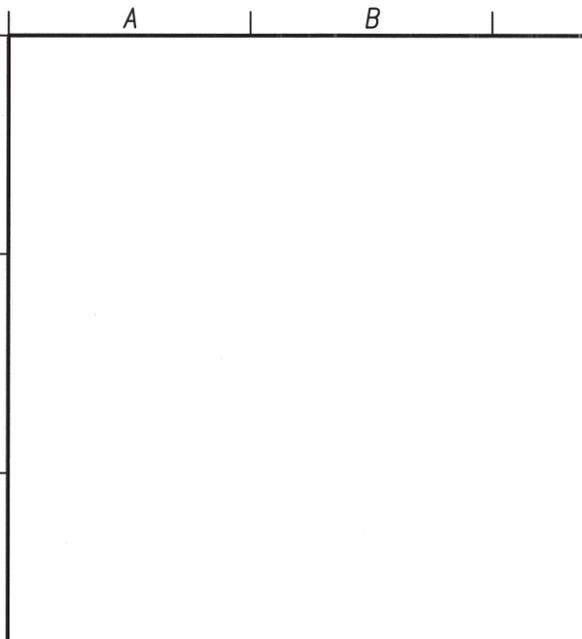


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LOS OSOS WASTEWATER COLLECTION SYSTEM
GENERAL CIVIL
STANDARD CIVIL DETAILS - 4

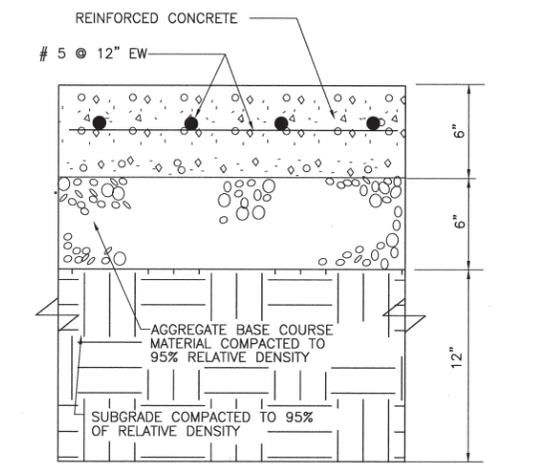
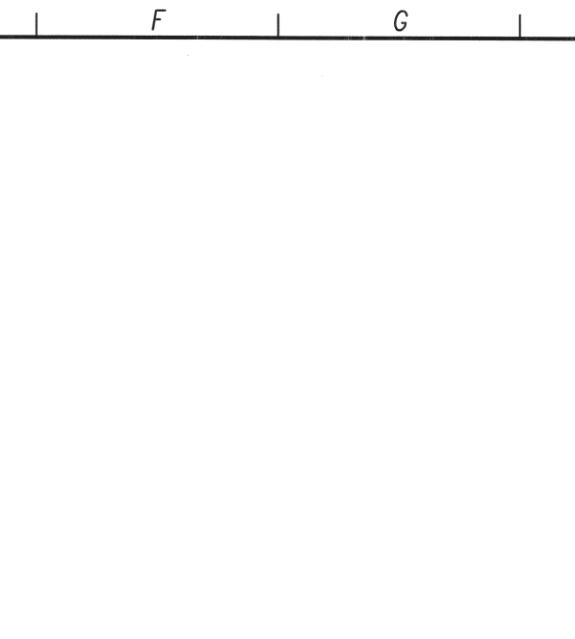
PROJECT NO. 42502-83120
 FILE NAME: A-GC-063
 SHEET NO. A-GC-063

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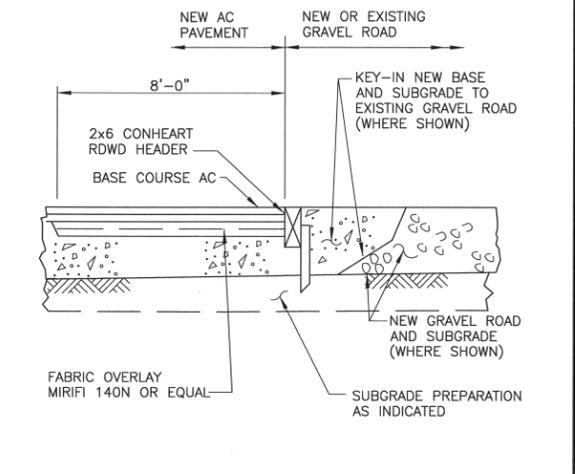
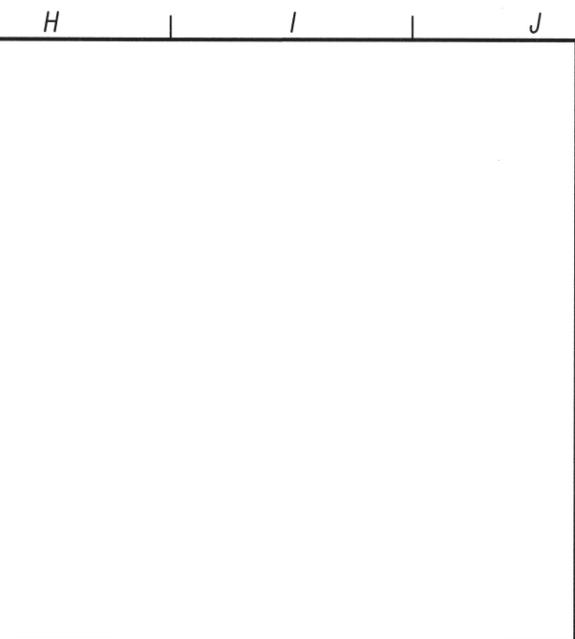


- NOTES:**
1. EXPANSION JOINTS OF 1/2" PREMOLDED JOINT FILLER SHALL BE PLACED 50 FOOT SPACING AND WHERE GUTTER BUTTS OTHER CONCRETE STRUCTURES.
 2. BASE AND SUBGRADE PREPARATION SHALL MATCH ADJACENT PAVING.
 3. FOR PATCHING EXISTING GUTTERS, 24" CUT BACK MINIMUM.

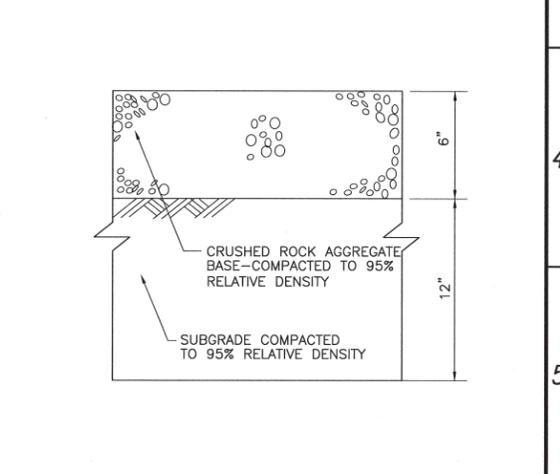
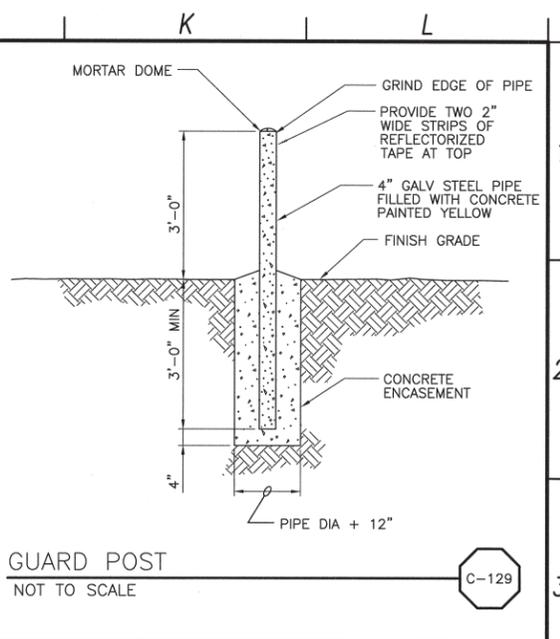
CONCRETE CROSS GUTTER
NOT TO SCALE C-127



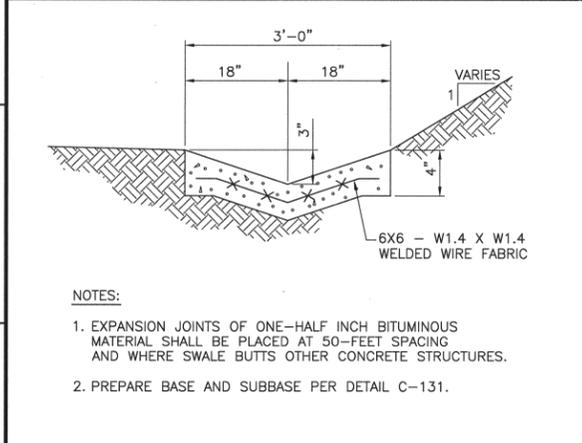
CONCRETE PAVEMENT
NOT TO SCALE C-131



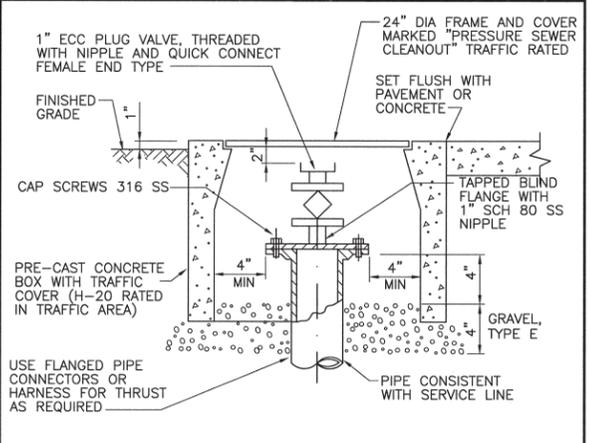
AC PAVEMENT-GRAVEL TRANSITION
NOT TO SCALE C-141



GUARD POST
NOT TO SCALE C-129



CONCRETE LINED SWALE
NOT TO SCALE C-206



PRESSURIZED SYSTEM CLEANOUT TO GRADE (PCOTG)
NOT TO SCALE C-305

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: BJC
 DRAWN BY: JAW
 CHECKED BY: MM
 DATE: MARCH, 2012

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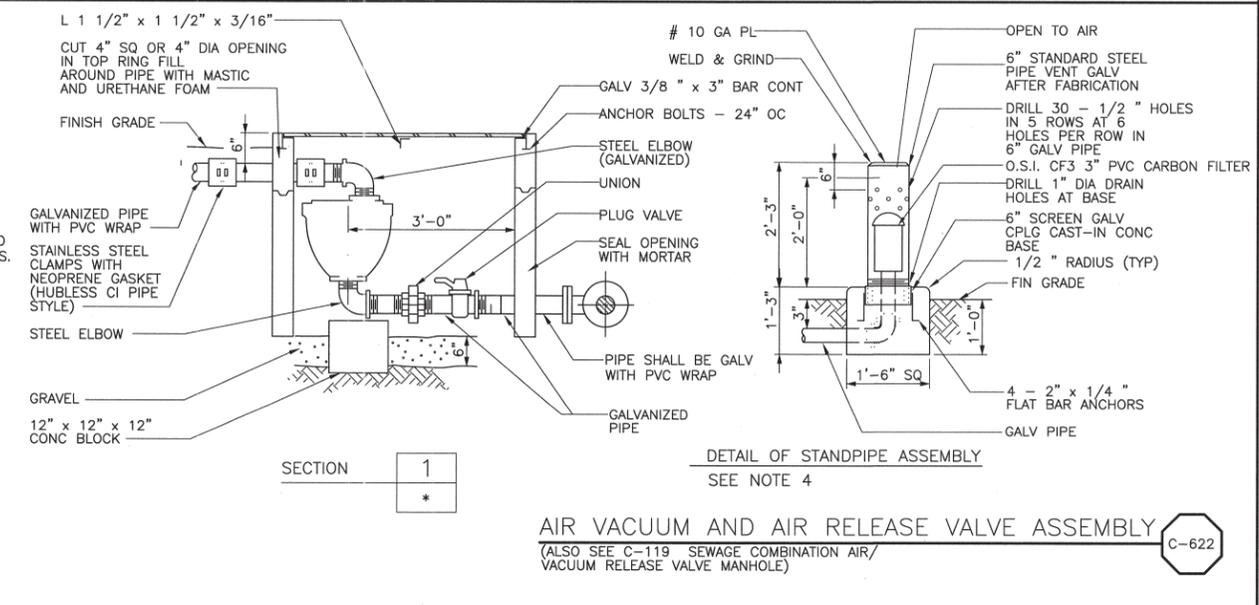
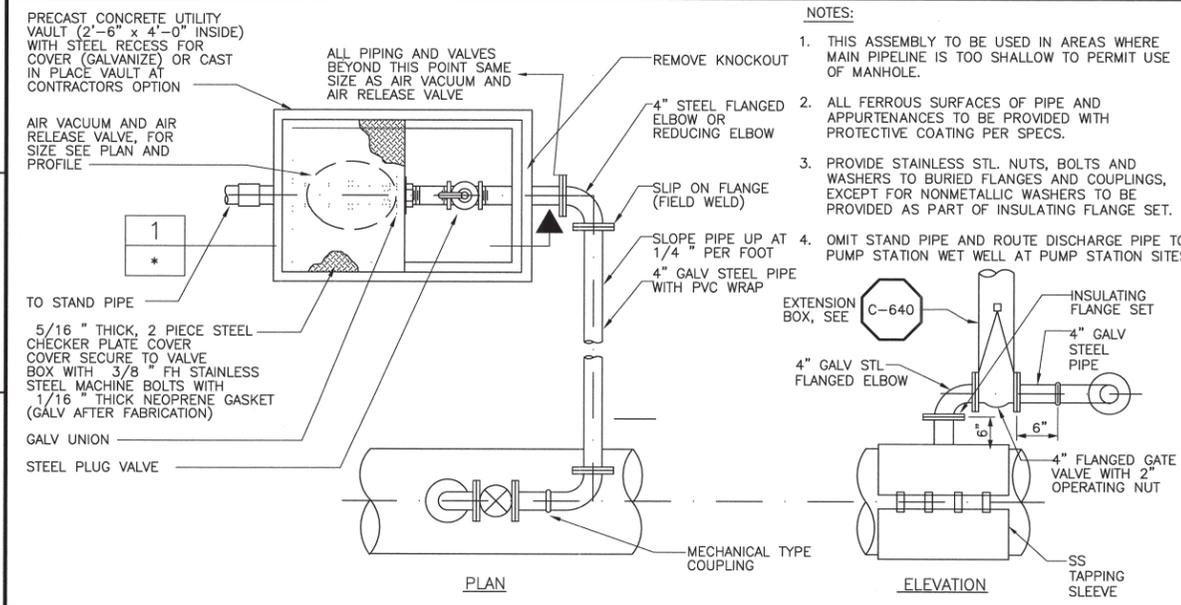
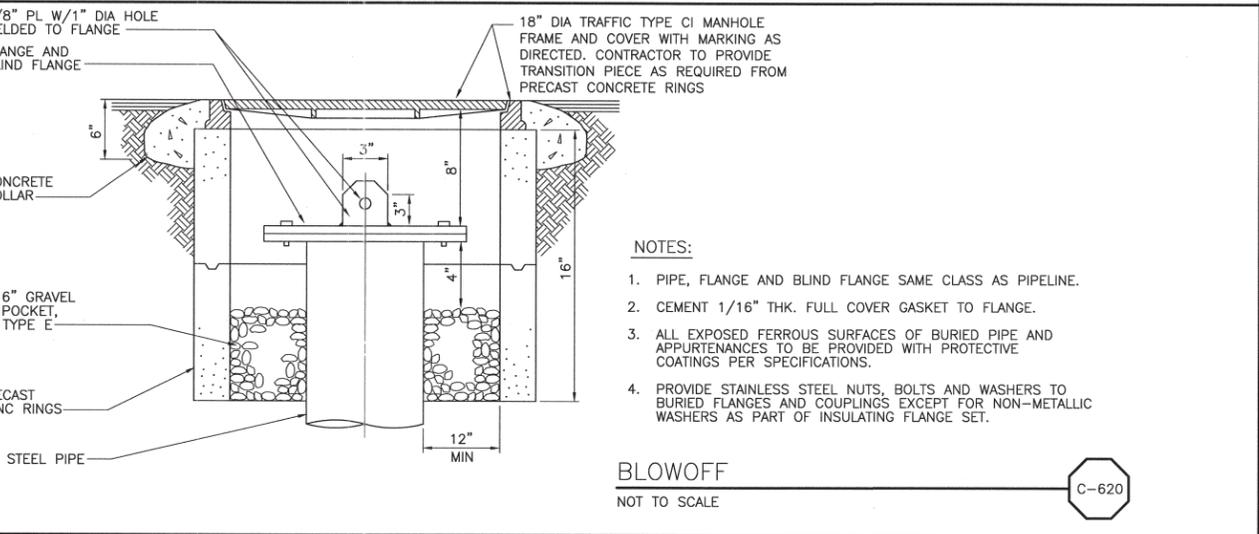
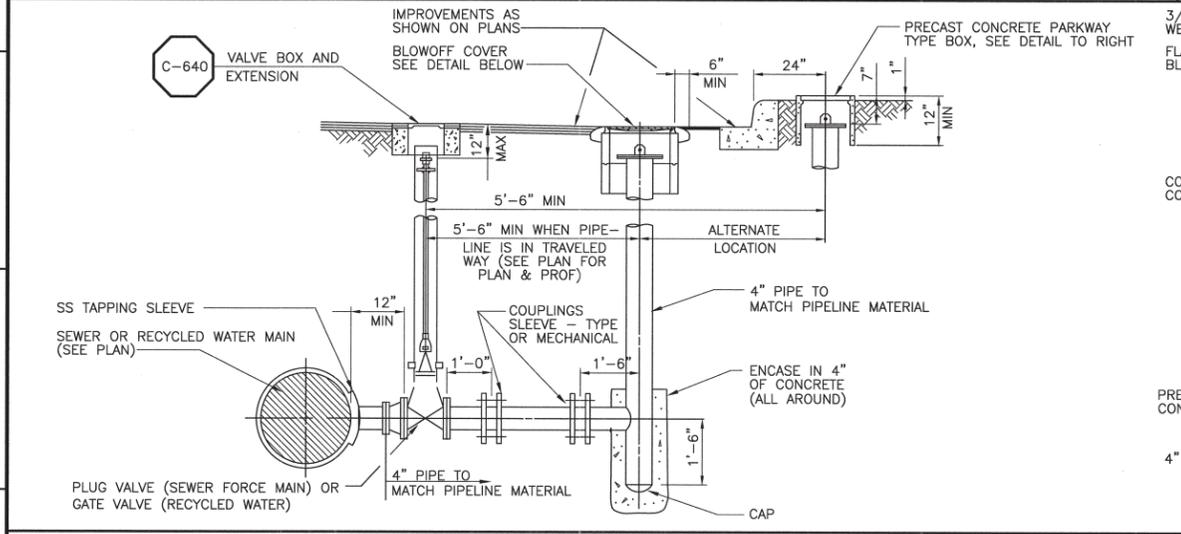
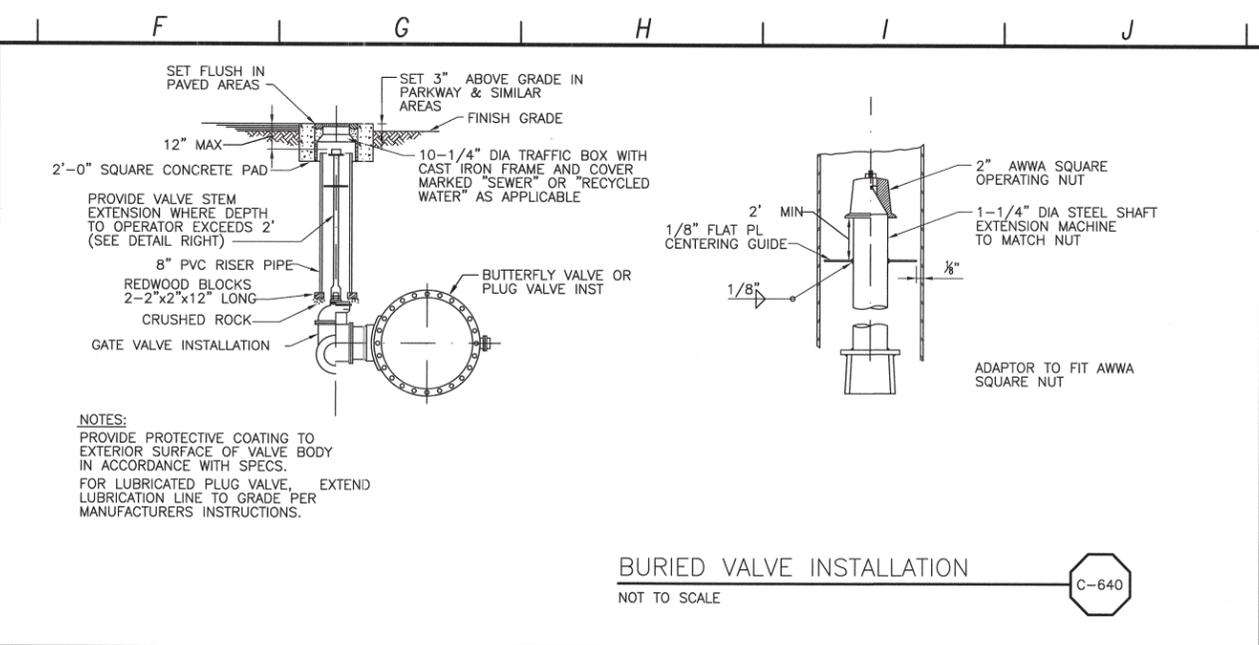
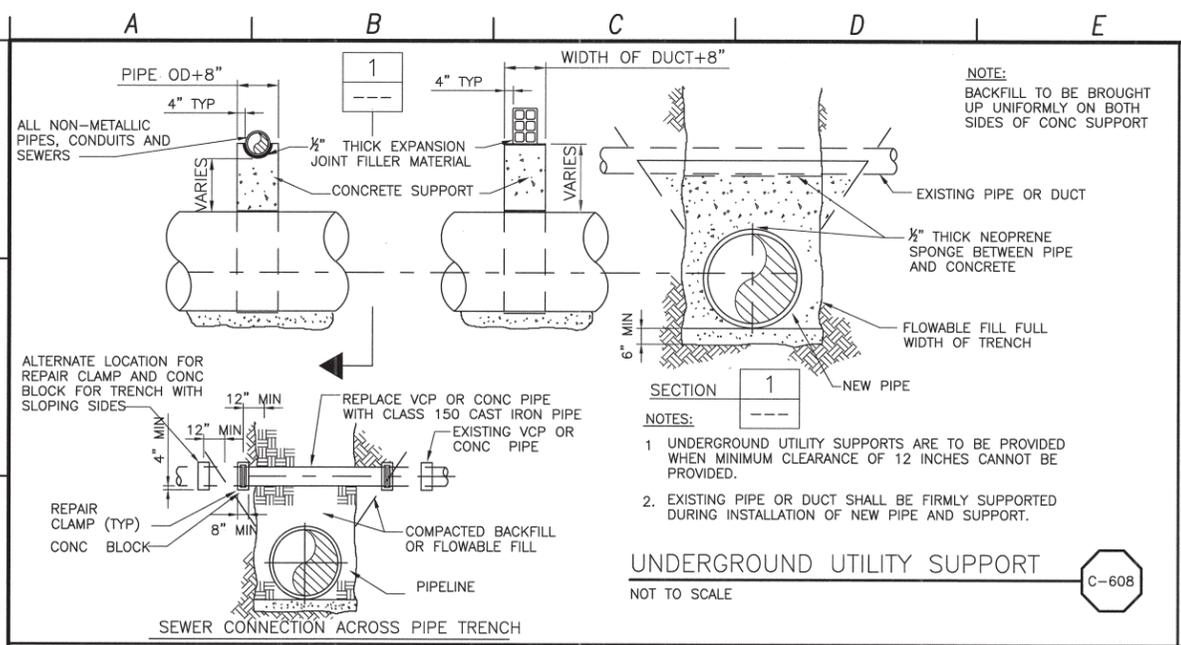
0 1/2 1
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REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 C 06144
 5/11/2012
 STATE OF CALIFORNIA

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LOS OSOS WASTEWATER COLLECTION SYSTEM
GENERAL CIVIL STANDARD CIVIL DETAILS - 5
 PROJECT NO. 42502-83120
 FILE NAME: A-GC-064
 SHEET NO. A-GC-064

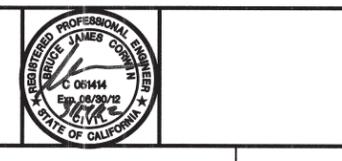
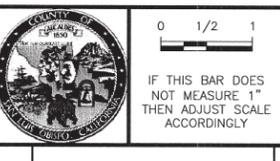
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 DRAWN BY: JAW
 CHECKED BY: MM
 DATE: MARCH, 2012

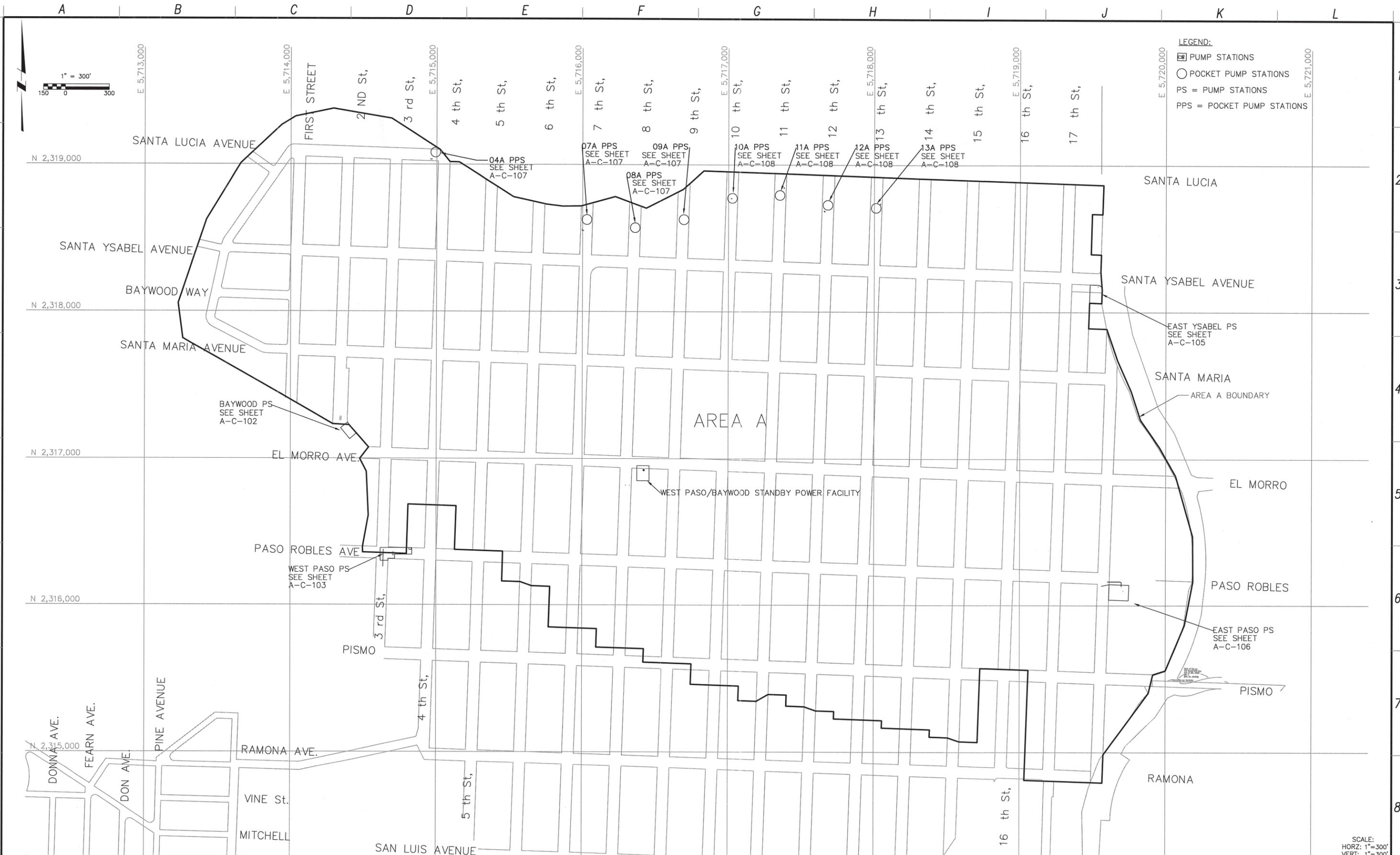
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LOS OSOS WASTEWATER COLLECTION SYSTEM
GENERAL CIVIL
STANDARD CIVIL DETAILS - 6

PROJECT NO. 42502-83120
 FILE NAME: A-GC-065
 SHEET NO. A-GC-065

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 N:\CAD\2008\los osos\01-streets\A-CIV\A-CIV-A-GEN-CIV\A-C-101_03/14/12_10.01_rusima_xbrees_loc.mxd, ps c key pin, coordinate grid, x-feet-row, x-feet-col, LosOsos-bdr, CA-BUC



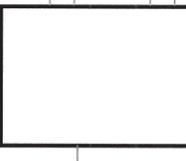
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: RLA
 DRAWN BY: MAR
 CHECKED BY: KS
 DATE: MARCH 2012

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 Sacramento, CA 95833
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0 1/2 1
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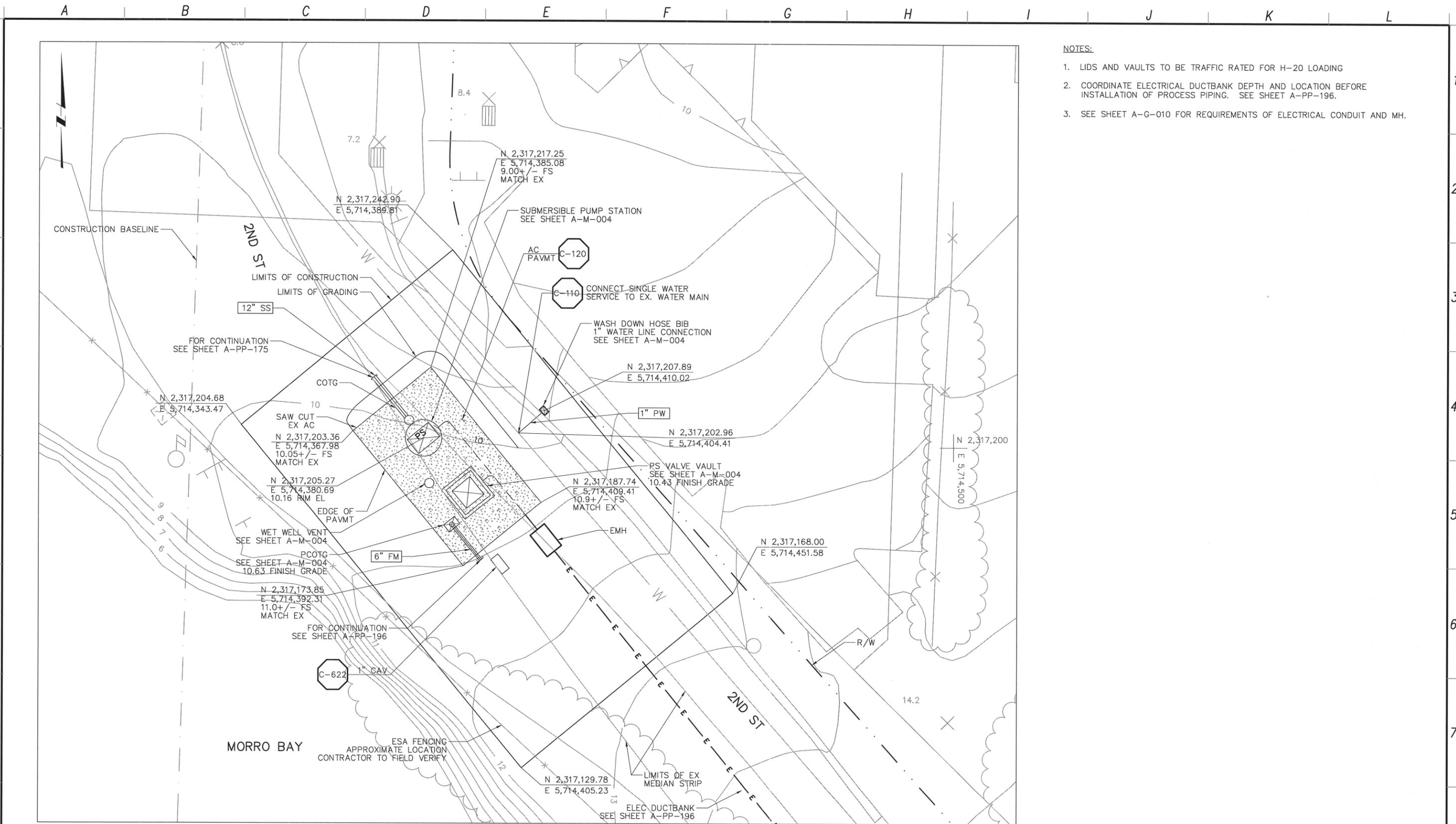


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LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL AREA A KEY PLAN
 PROJECT NO. 42502-83120
 FILE NAME: A-C-101
 SHEET NO.
A-C-101

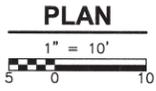
SCALE:
 HORZ: 1"=300'
 VERT: 1"=300'

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- NOTES:**
- LIDS AND VAULTS TO BE TRAFFIC RATED FOR H-20 LOADING
 - COORDINATE ELECTRICAL DUCTBANK DEPTH AND LOCATION BEFORE INSTALLATION OF PROCESS PIPING. SEE SHEET A-PP-196.
 - SEE SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MH.

BAYWOOD PUMP STATION



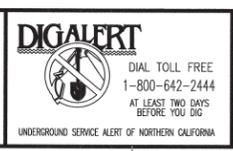
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: _____ MPH
 DRAWN BY: _____ JAW
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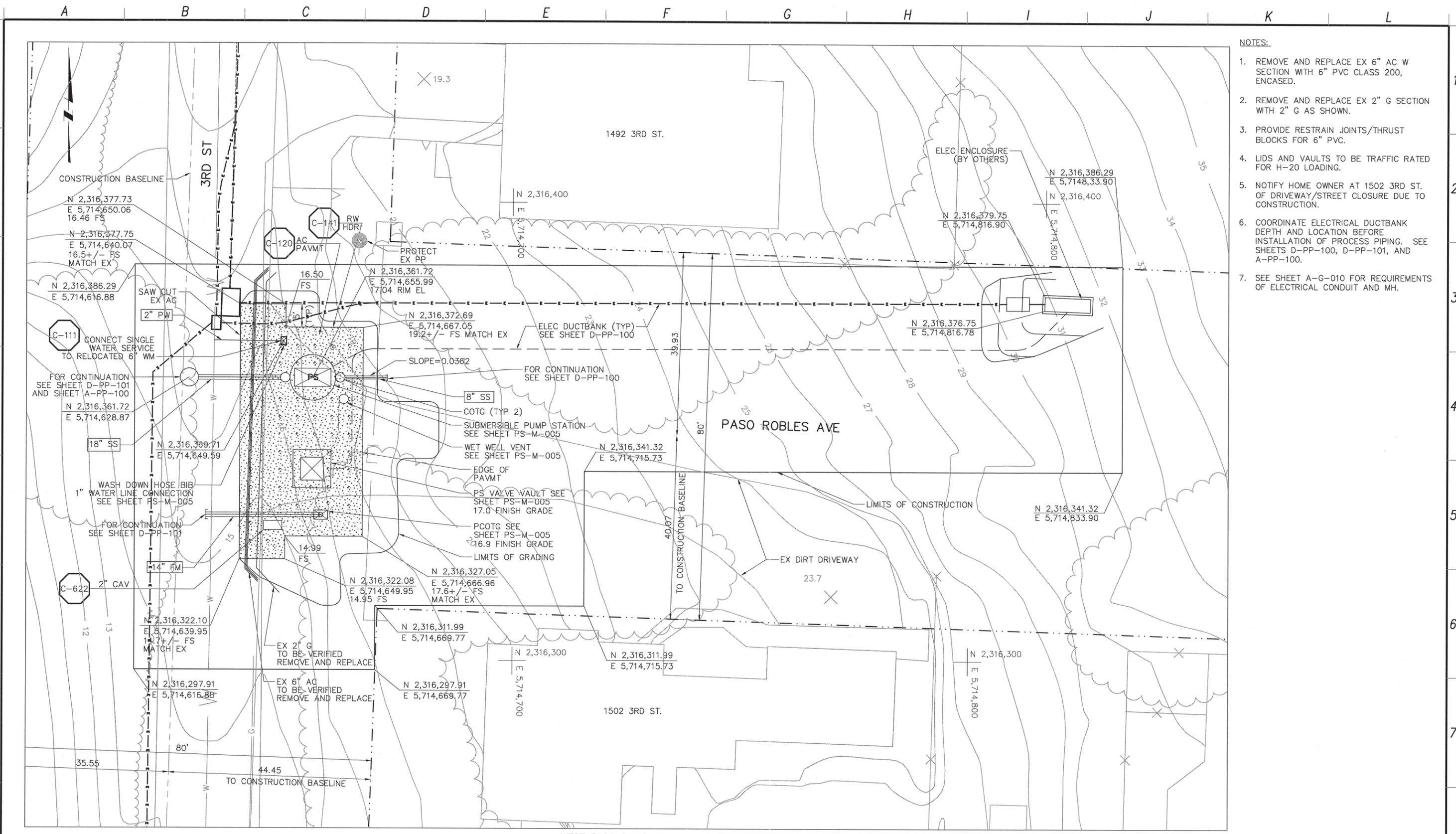
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LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL BAYWOOD PS SITE PLAN
 PROJECT NO. 42502-83120
 FILE NAME: A-C-102
 SHEET NO. **A-C-102**

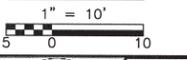
SCALE:
 HORZ: 1"=10'
 VERT: 1"=10'

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WEST PASO PUMP STATION

PLAN



REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
 DRAWN BY: WKT
 CHECKED BY: MDM
 DATE: MARCH 2012

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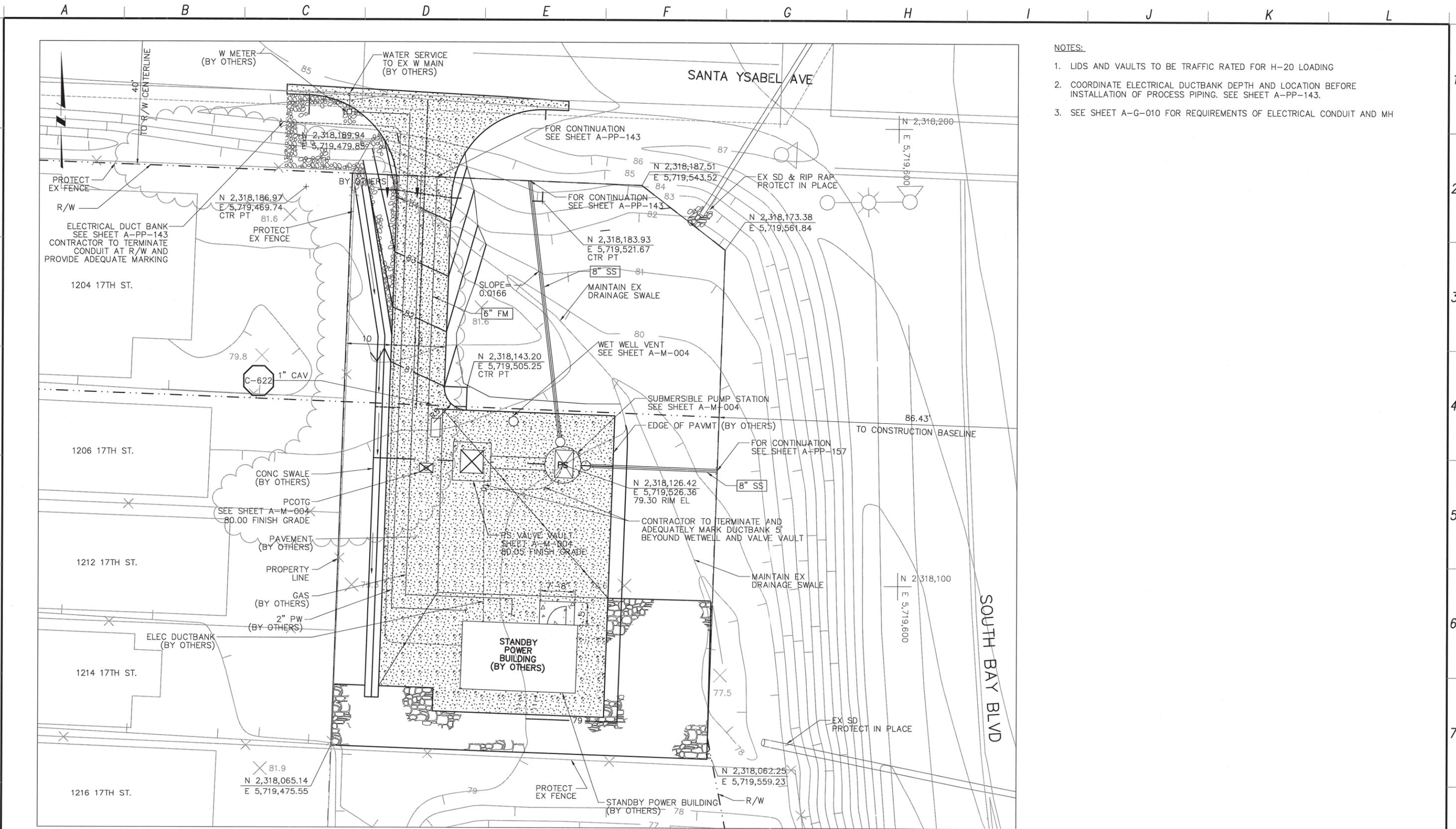


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LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL
WEST PASO PS SITE PLAN
 PROJECT NO. 42502-83120
 FILE NAME: A-C-103
 SHEET NO.
A-C-103

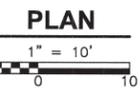
- NOTES:
- REMOVE AND REPLACE EX 6" AC W SECTION WITH 6" PVC CLASS 200, ENCASED.
 - REMOVE AND REPLACE EX 2" G SECTION WITH 2" G AS SHOWN.
 - PROVIDE RESTRAIN JOINTS/THRUST BLOCKS FOR 6" PVC.
 - LIDS AND VAULTS TO BE TRAFFIC RATED FOR H-20 LOADING.
 - NOTIFY HOME OWNER AT 1502 3RD ST. OF DRIVEWAY/STREET CLOSURE DUE TO CONSTRUCTION.
 - COORDINATE ELECTRICAL DUCTBANK DEPTH AND LOCATION BEFORE INSTALLATION OF PROCESS PIPING. SEE SHEETS D-PP-100, D-PP-101, AND A-PP-100.
 - SEE SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MH.

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- NOTES:**
- LIDS AND VAULTS TO BE TRAFFIC RATED FOR H-20 LOADING
 - COORDINATE ELECTRICAL DUCTBANK DEPTH AND LOCATION BEFORE INSTALLATION OF PROCESS PIPING. SEE SHEET A-PP-143.
 - SEE SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MH

EAST YSABEL PUMP STATION



REV. NO.	DATE	DRWN	CHKD	REMARKS

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 DRAWN BY: WKT
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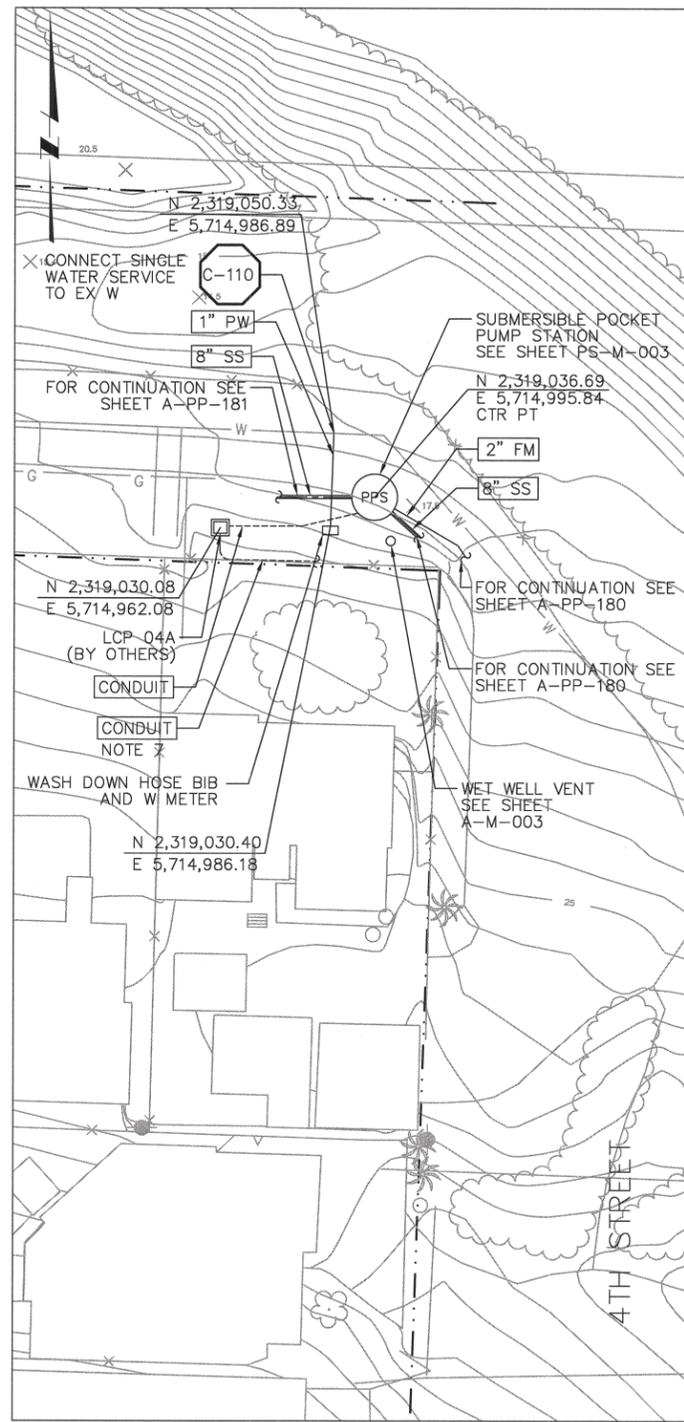
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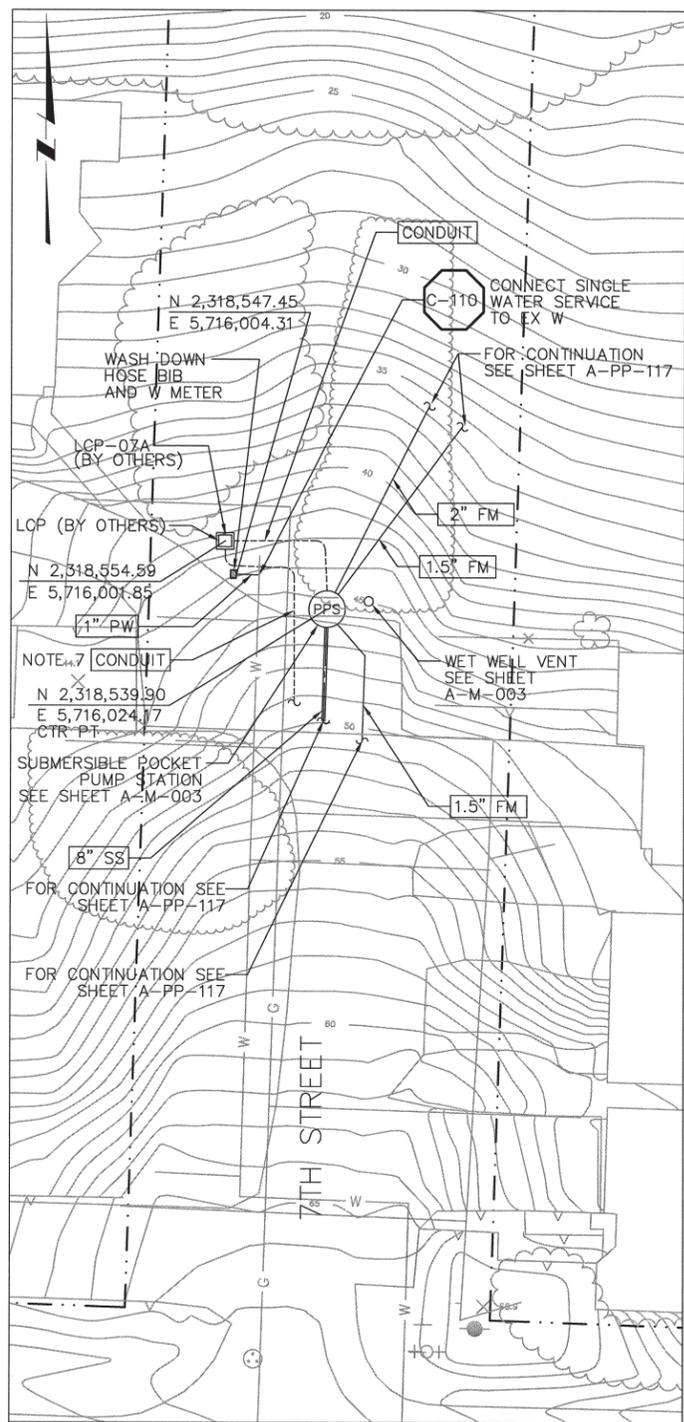
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LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL EAST YSABEL PS & STANDBY POWER SITE PLAN
 PROJECT NO. 42502-83120
 FILE NAME: A-C-105
 SHEET NO. **A-C-105**

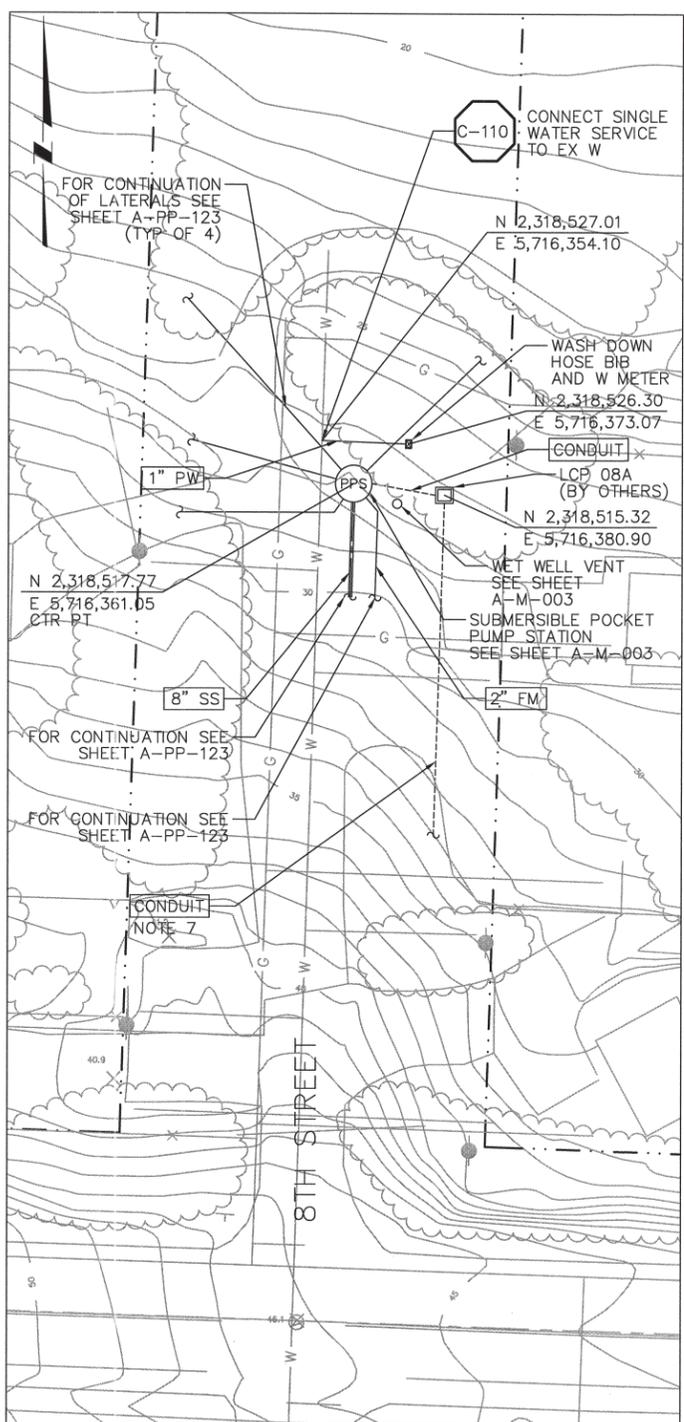
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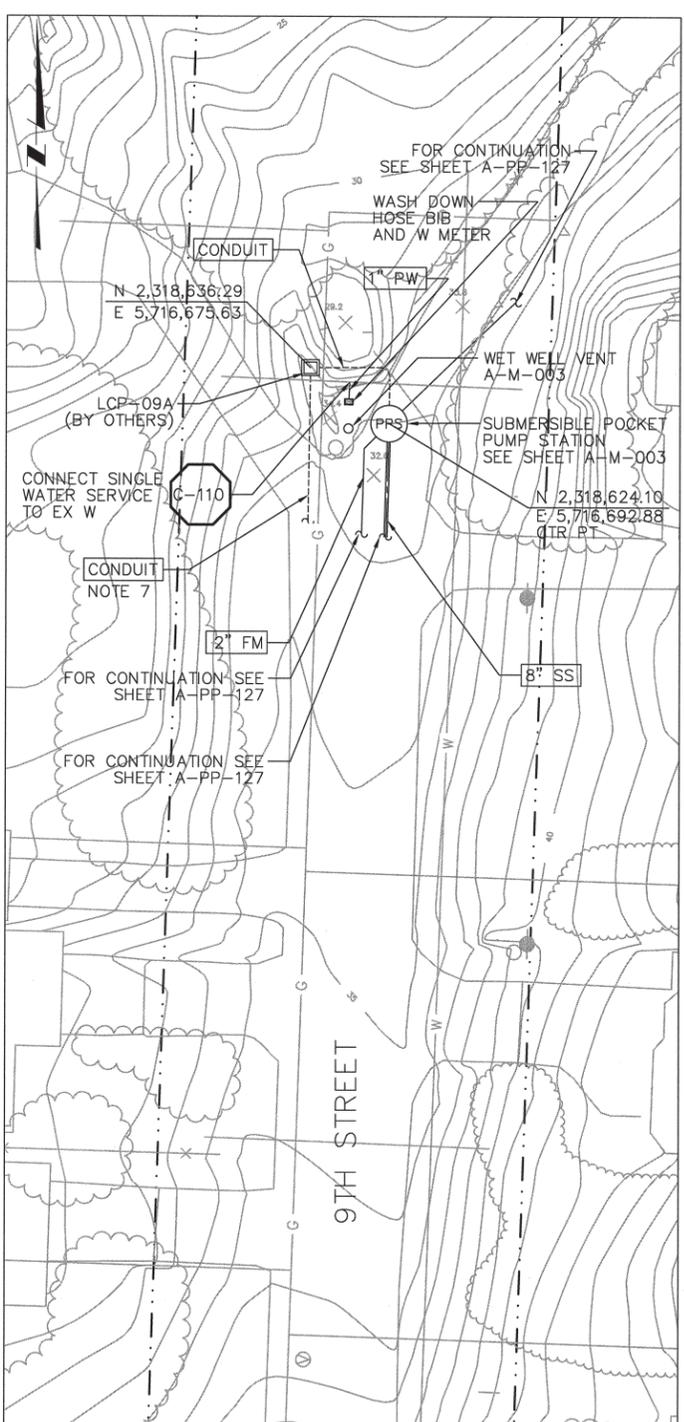
PPS-04A
PLAN
 1" = 20'
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PPS-07A
PLAN
 1" = 20'
 10 0 20



PPS-08A
PLAN
 1" = 20'
 10 0 20



PPS-09A
PLAN
 1" = 20'
 10 0 20

- NOTES:**
- SEE SHEET A-E-101 FOR ELECTRICAL WORK.
 - LIDS AND VAULTS TO BE TRAFFIC RATED FOR H-20 LOADING.
 - COORDINATE ELECTRICAL DUCTBANK DEPTH AND LOCATION BEFORE INSTALLATION OF PROCESS PIPING.
 - GRAVITY SEWER TO BE TERMINATED WITHIN 5 FEET OF WETWELL BY OTHERS. CONTRACTOR TO COORDINATE CONNECTION POINTS AND FIELD VERIFY AND MATCH EXISTING SLOPE.
 - FORCE MAIN TO BE TERMINATED WITHIN 5 FEET OF DISCHARGE HEADER. CONTRACTOR TO COORDINATE CONNECTION POINTS.
 - SEE SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MH.
 - REFER TO CIVIL PLAN & PROFILE DRAWINGS FOR CONTINUATION OF CONDUIT ALONG PIPELINE.

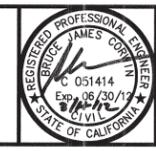
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
 DRAWN BY: JAW
 CHECKED BY: CCA
 DATE: MARCH 2012

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 2295 Gateway Oaks Drive, Suite 240
 Sacramento, CA 95833
 Tel: (916) 567-9900



IF THIS BAR DOES NOT MEASURE 1" THEN ADJUST SCALE ACCORDINGLY

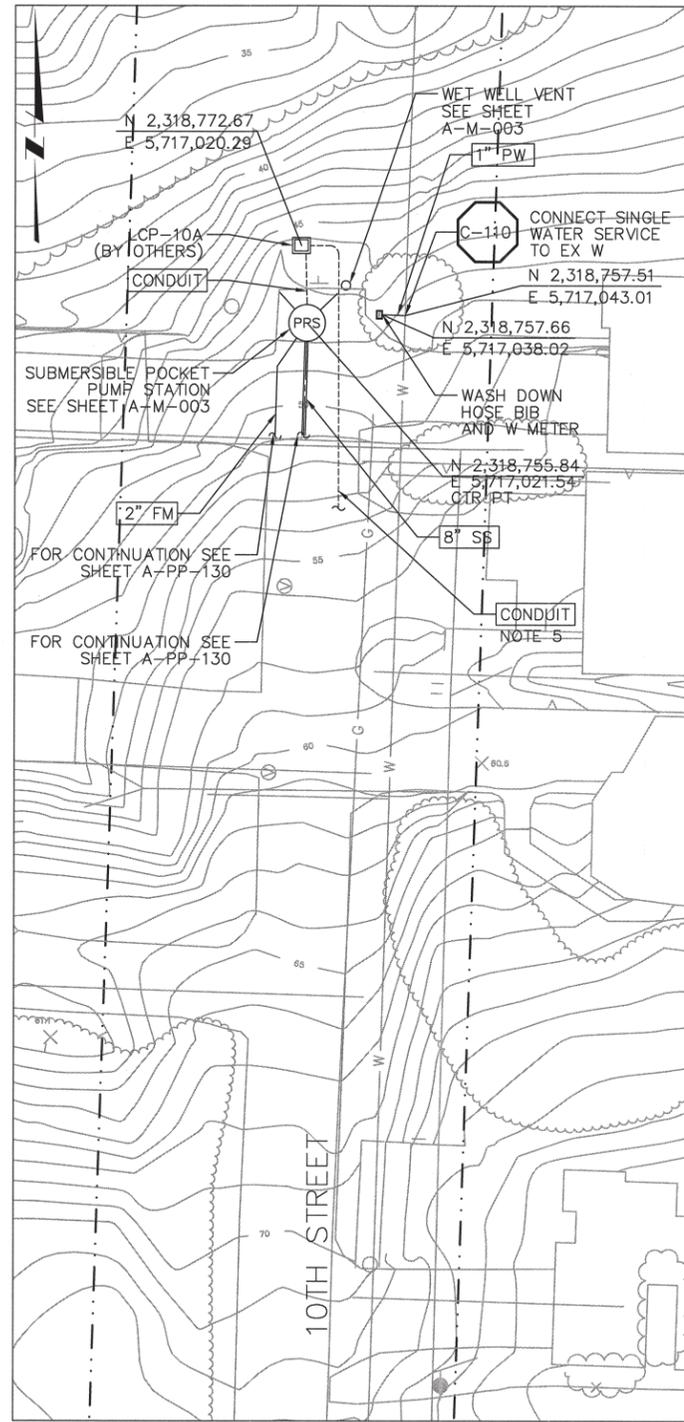


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 UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

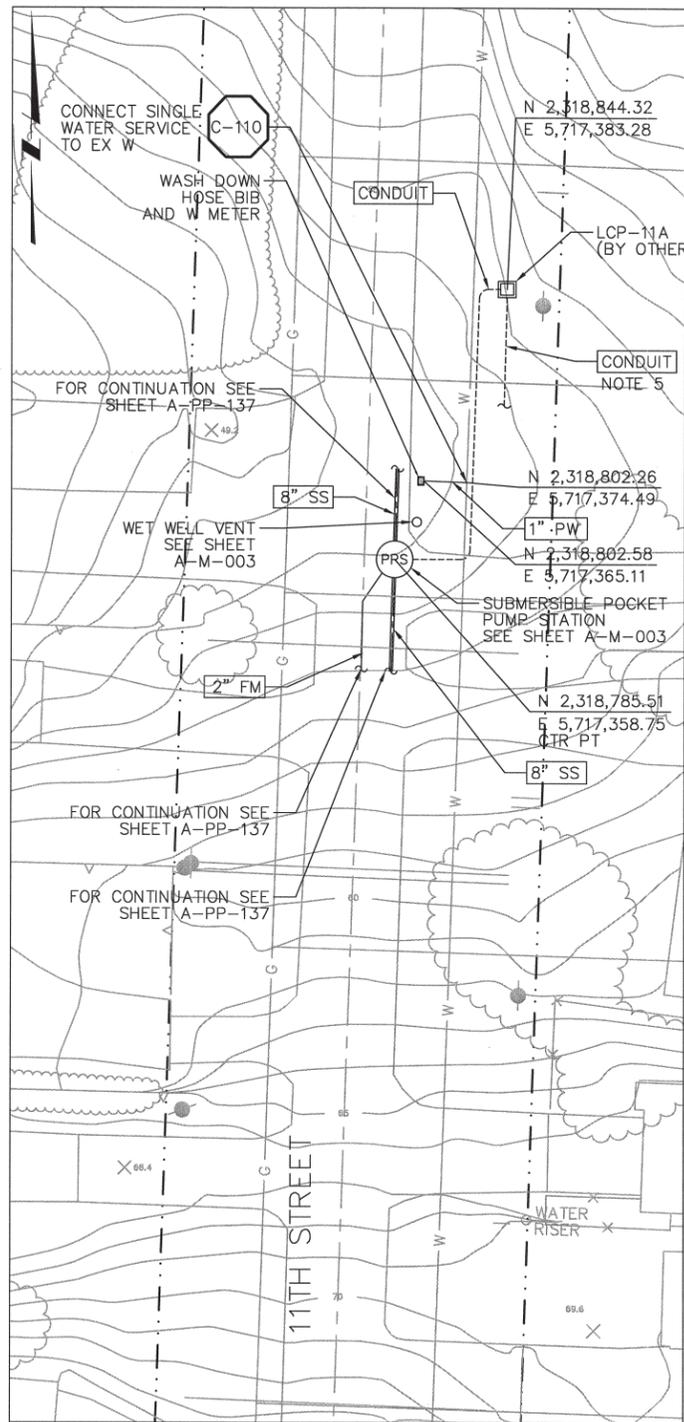
LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL
PPS 04A, 07A, 08A, 09A
SITE PLANS

PROJECT NO. 42502-83120
 FILE NAME: A-C-107
 SHEET NO.
A-C-107

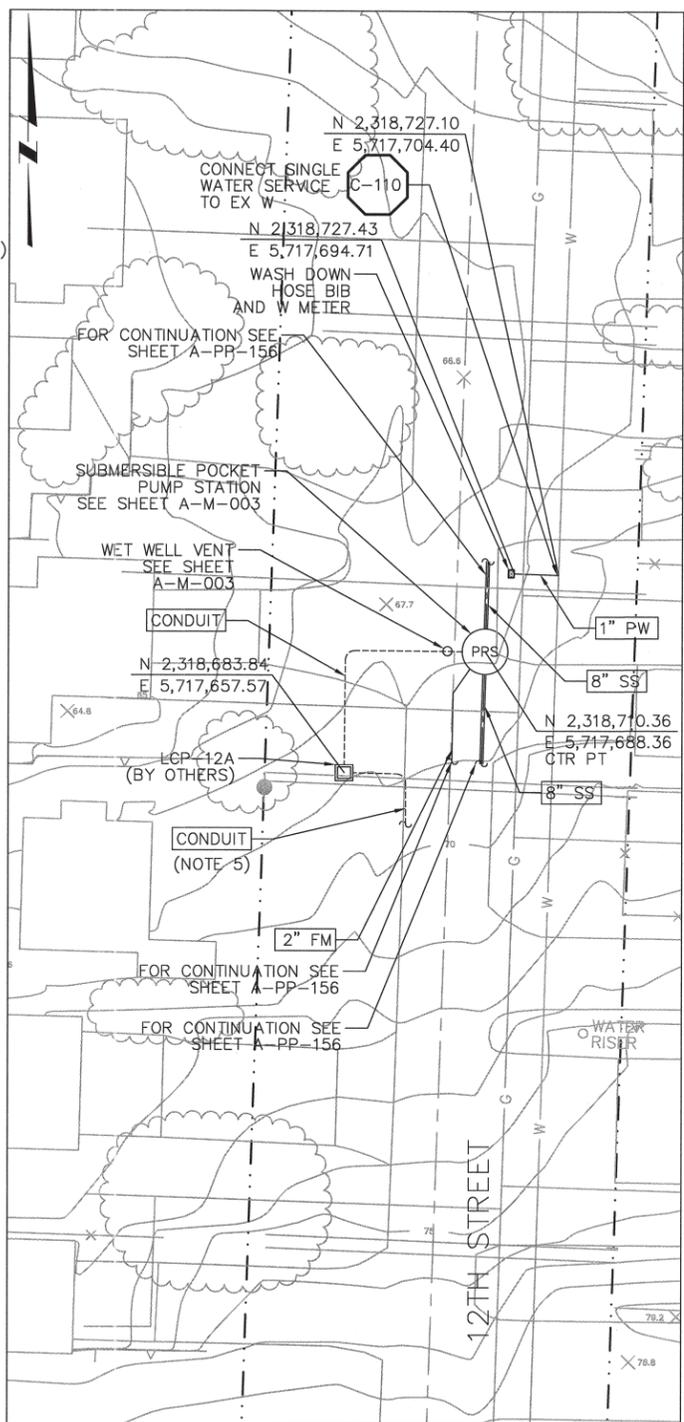
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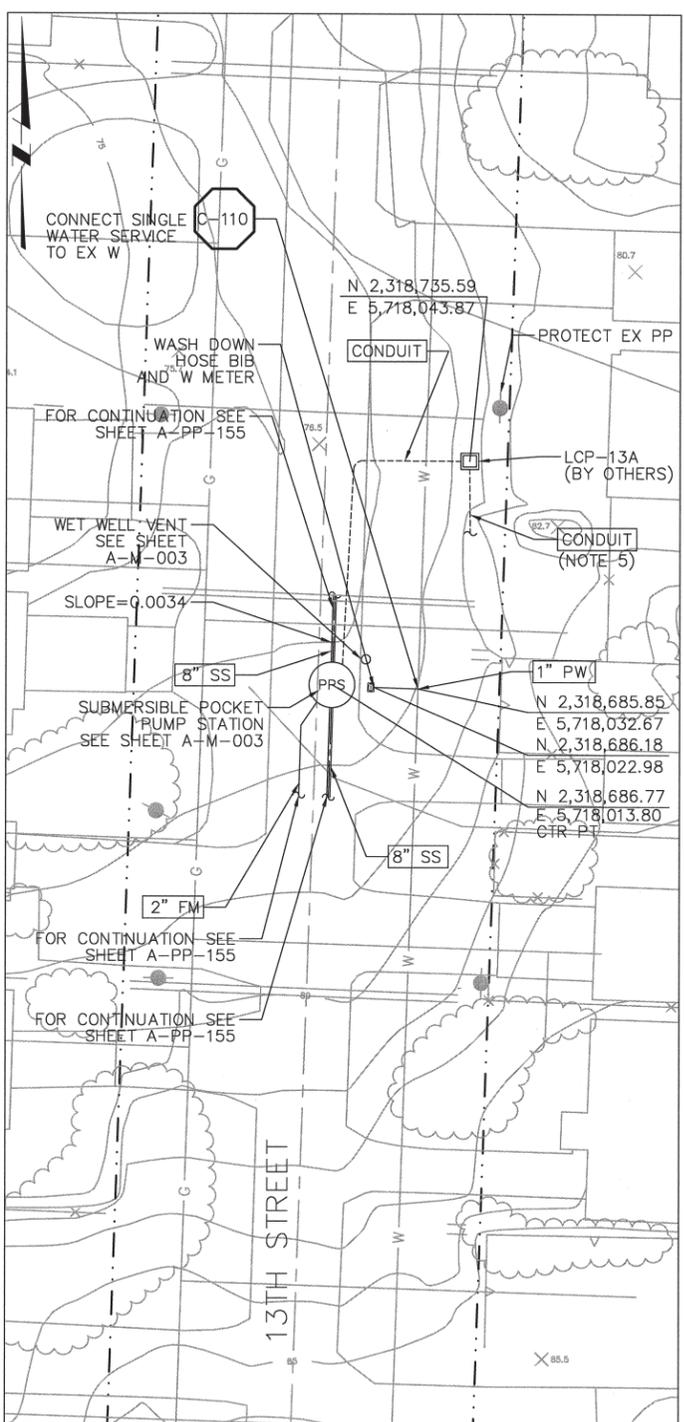
PPS-10A
PLAN
 1" = 20'
 10 0 20



PPS-11A
PLAN
 1" = 20'
 10 0 20



PPS-12A
PLAN
 1" = 20'
 10 0 20



PPS-13A
PLAN
 1" = 20'
 10 0 20

NOTES:

- SEE SHEET A-E-102 FOR ELECTRICAL WORK.
- LIDS AND VAULTS TO BE TRAFFIC RATED FOR H-20 LOADING.
- COORDINATE ELECTRICAL DUCTBANK DEPTH AND LOCATION BEFORE INSTALLATION OF PROCESS PIPING.
- SEE SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MH.
- REFER TO CIVIL PLAN & PROFILE DRAWINGS FOR CONTINUATION OF CONDUIT ALONG PIPELINE.

DESIGNED BY:	MPH
DRAWN BY:	JAW
CHECKED BY:	CCA
DATE:	MARCH 2012

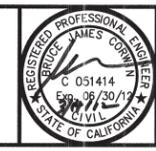
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
 DRAWN BY: JAW
 CHECKED BY: CCA
 DATE: MARCH 2012

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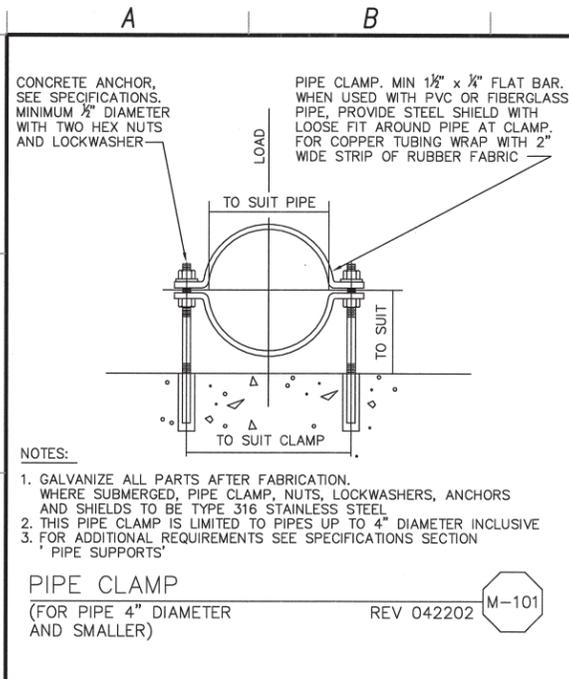


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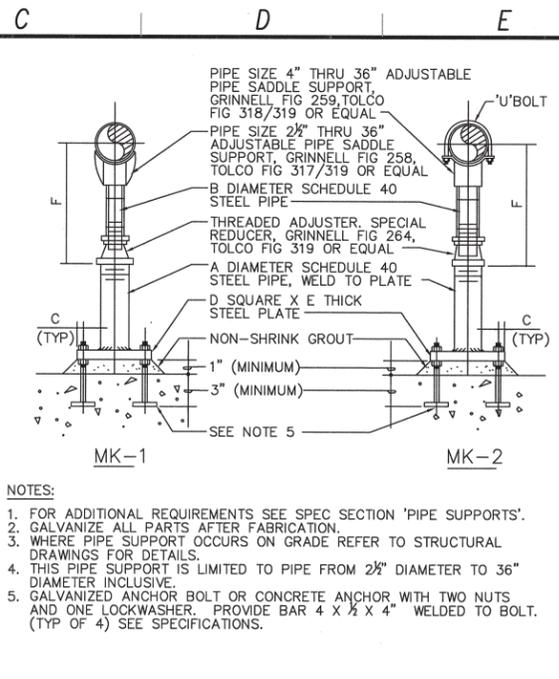
LOS OSOS WASTEWATER COLLECTION SYSTEM
CIVIL
PPS 10A, 11A, 12A, 13A
SITE PLANS

PROJECT NO. 42502-83120
 FILE NAME: A-C-108
 SHEET NO.
A-C-108

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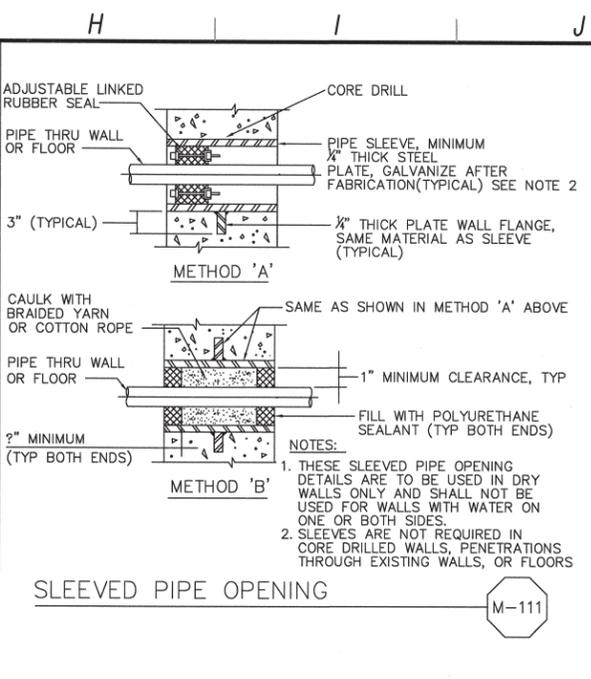
PIPE CLAMP
 (FOR PIPE 4" DIAMETER AND SMALLER)
 REV 042202 M-101



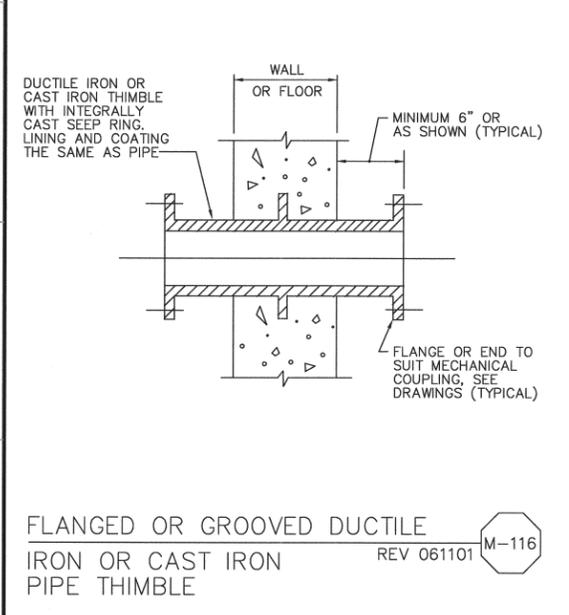
ADJUSTABLE PIPE SUPPORT WITH OR WITHOUT 'U' BOLT
 (FOR PIPE 36" DIAMETER AND SMALLER)
 REV 011402 M-108

NOMINAL PIPE SIZE	DIMENSIONS IN INCHES					F (APPROX)	
	A	B	C	D	E	(MINIMUM)	(MAXIMUM)
2 1/2	2	1 1/2	1	6	3/8	7	11 1/2
3	2	1 1/2	1	6	3/8	7 3/8	11 3/8
3 1/2	2	1 1/2	1	6	3/8	7 3/8	12 1/8
4	3	*2 1/2/3	1 1/2	7 1/2	1/2	10 1/4	14 1/4
6	3	*2 1/2/3	1 1/2	7 1/2	1/2	11 3/8	16 1/8
8	3	*2 1/2/3	1 1/2	7 1/2	1/2	13 3/8	18 1/8
10	3	*2 1/2/3	1 1/2	7 1/2	1/2	14 3/8	19 1/8
12	3	*2 1/2/3	1 1/2	7 1/2	1/2	15 3/8	20 1/8
14	4	3	1 1/2	9	3/4	18 1/8	23 3/8
16	4	3	1 1/2	9	3/4	19 1/8	24 3/8
18	6	4	1 1/2	11	3/4	22 1/4	26 3/4
20	6	4	1 1/2	11	3/4	23 1/4	27 3/4
24	6	4	1 1/2	11	3/4	26 1/2	31
30	6	4	1 1/2	11	3/4	29 3/8	34 1/2
32	6	4	1 1/2	11	3/4	30 3/8	35 1/2
36	6	4	1 1/2	11	3/4	32 3/8	37 1/2

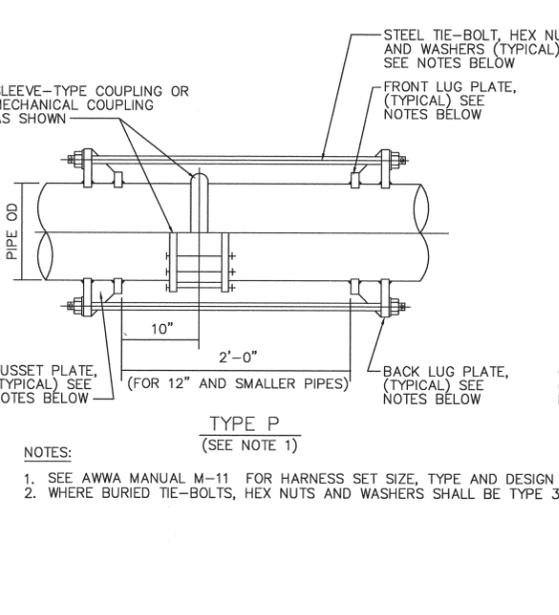
* SEE MANUFACTURER
ADJUSTABLE PIPE SUPPORT WITH OR WITHOUT 'U' BOLT
 (FOR PIPE 36" DIAMETER AND SMALLER)
 REV 011402 M-108



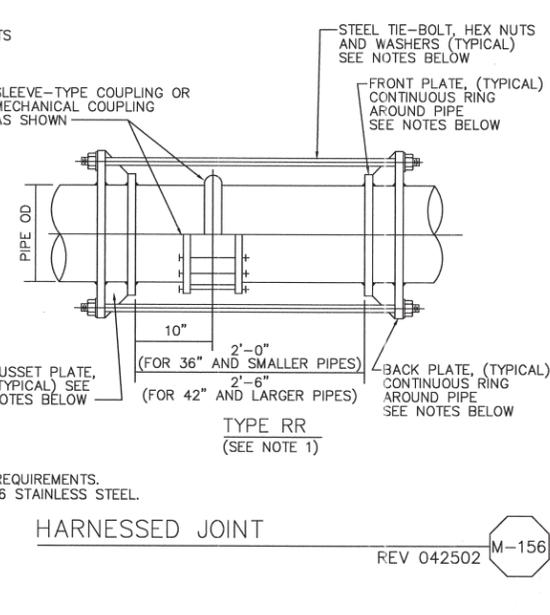
SLEEVED PIPE OPENING
 REV 011602 M-111



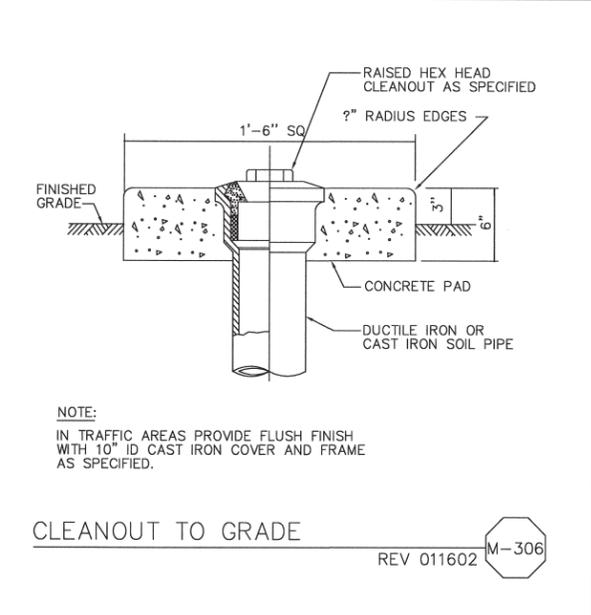
FLANGED OR GROOVED DUCTILE IRON OR CAST IRON PIPE THIMBLE
 REV 061101 M-116



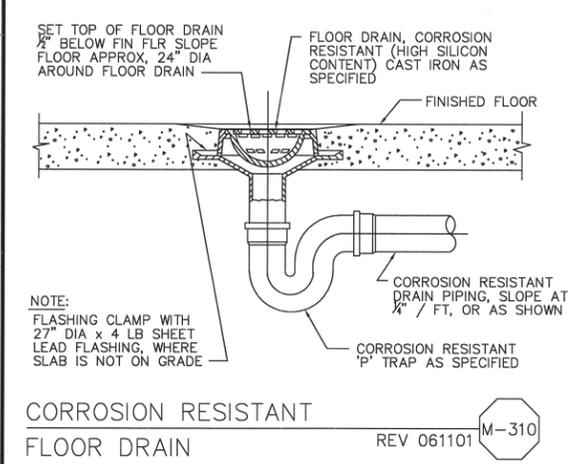
HARNESSED JOINT
 REV 042502 M-156



HARNESSED JOINT
 REV 042502 M-156



CLEANOUT TO GRADE
 REV 011602 M-306



CORROSION RESISTANT FLOOR DRAIN
 REV 061101 M-310

DESIGNED BY: ALP
 DRAWN BY: MAR
 CHECKED BY: SBM
 DATE: MARCH 2012

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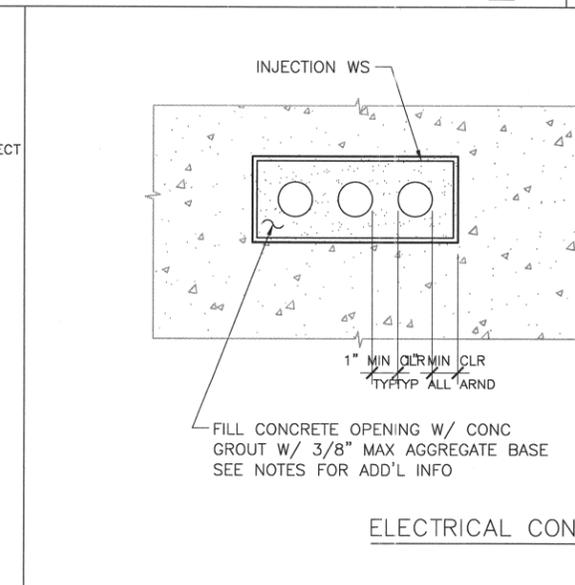
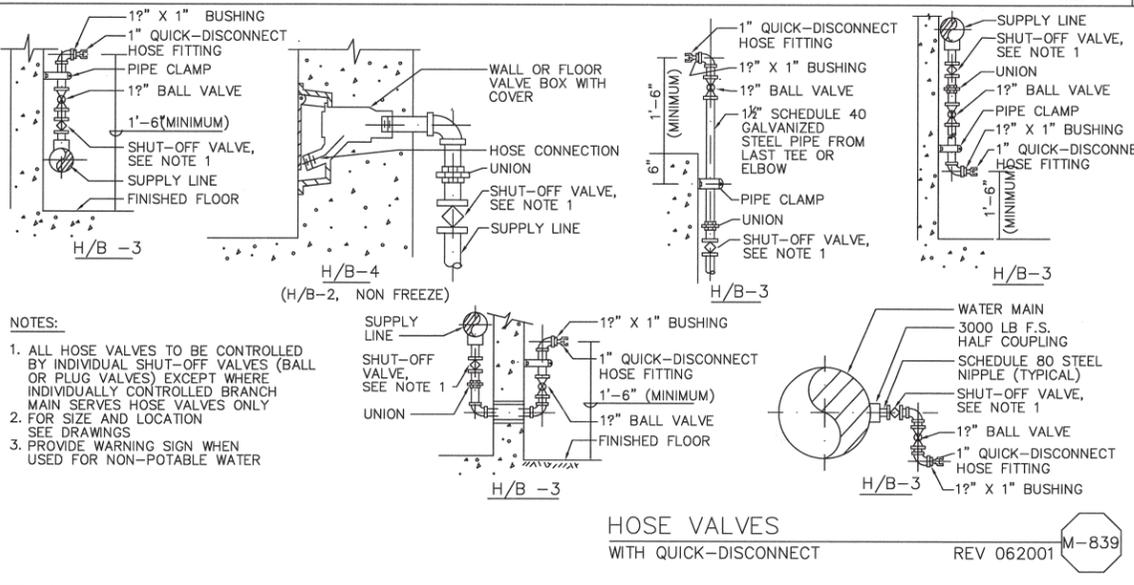
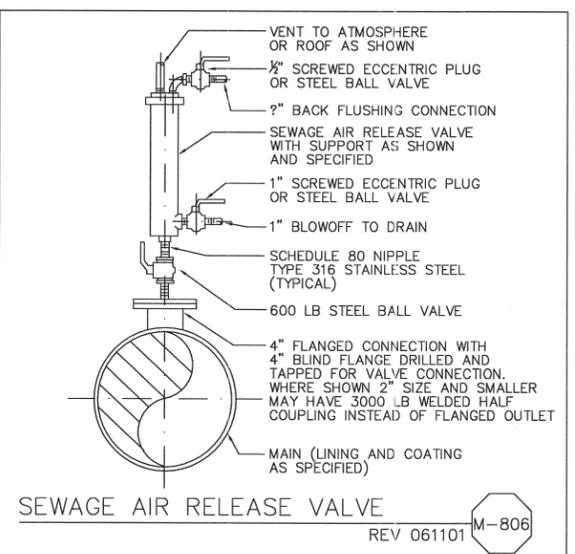
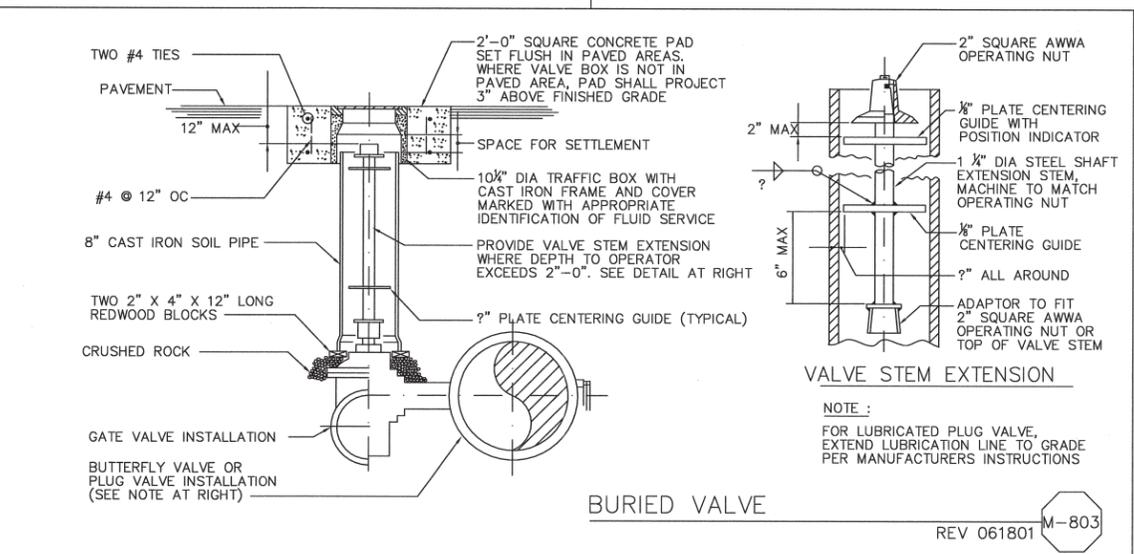
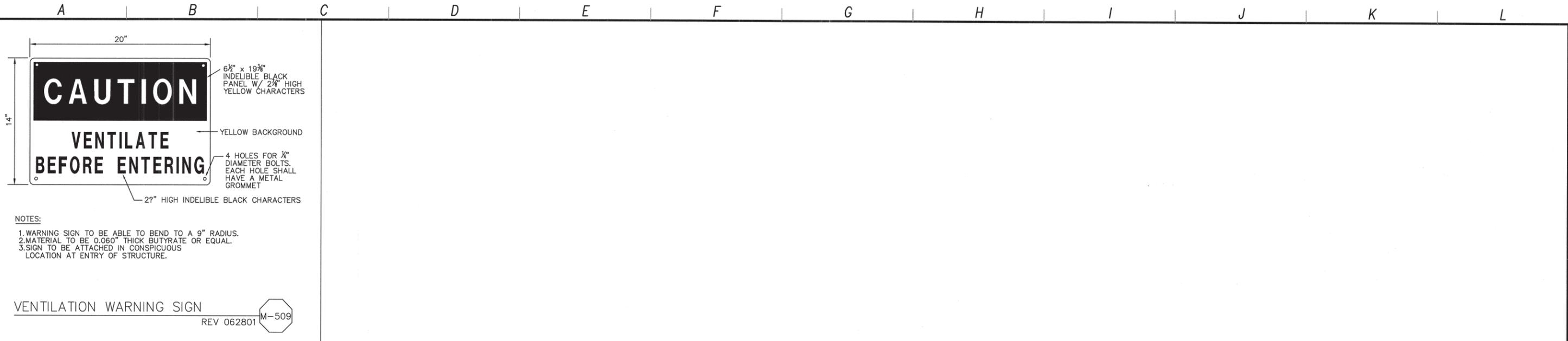
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 UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

LOS OSOS WASTEWATER COLLECTION SYSTEM
MECHANICAL STANDARD DETAILS - 1

PROJECT NO. 42502-83120
 FILE NAME: A-M-001
 SHEET NO. **A-M-001**

REV. NO.	DATE	DRWN	CHKD	REMARKS

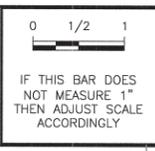
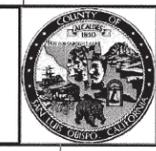
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NOTES:
 1. PROVIDE INJECTION TUBE WATERSTOP AROUND PERIMETER OF OPENING.
 2. PROVIDE (2) 3/8" BEADS OF DENEFF SWELL SEAL WA OR APPROVED EQUAL AROUND EACH PIPE PENETRATION.
 3. INJECT WATERSTOP IN ACCORDANCE WITH THE SPEC SECTION 03250.
 4. COORDINATE SIZE, QUANTITY AND LOCATION OF CONDUITS WITH ELECTRICAL DRAWINGS.

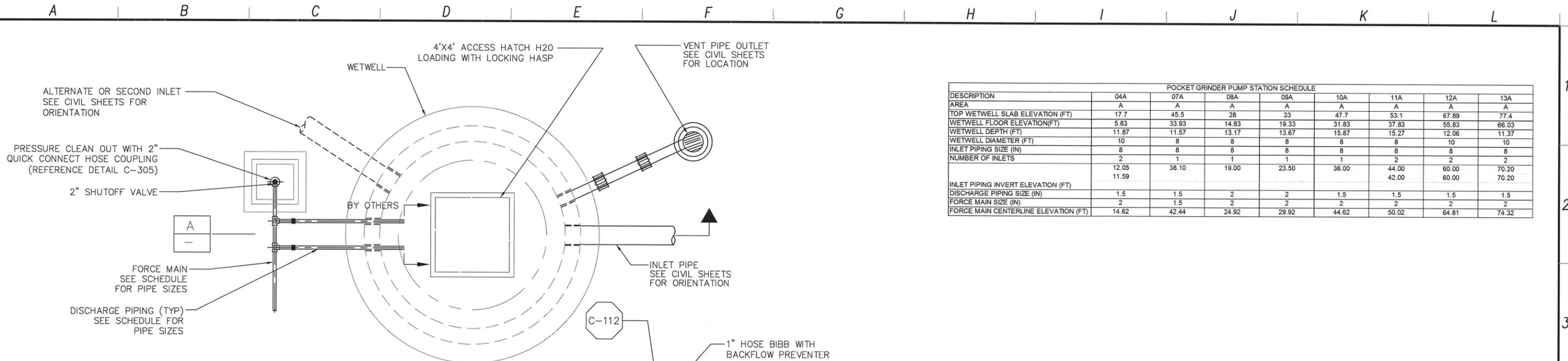
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: ALP
 DRAWN BY: MAR
 CHECKED BY: SBM
 DATE: MARCH 2012

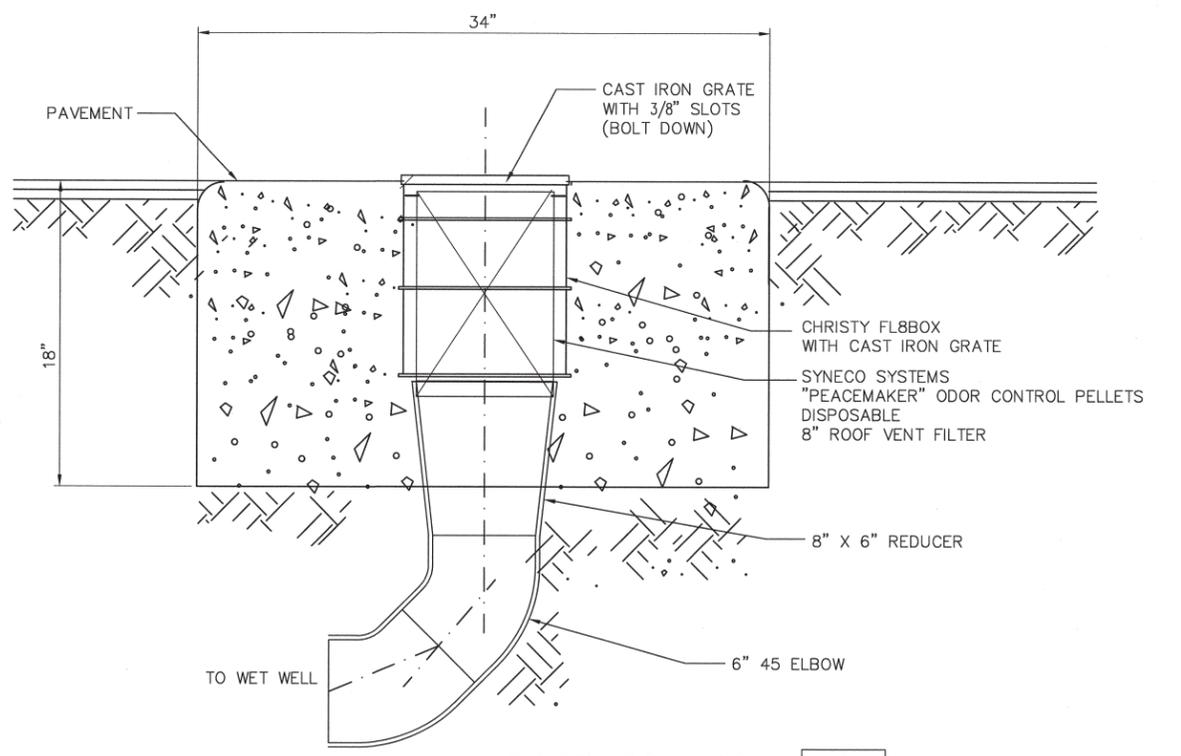
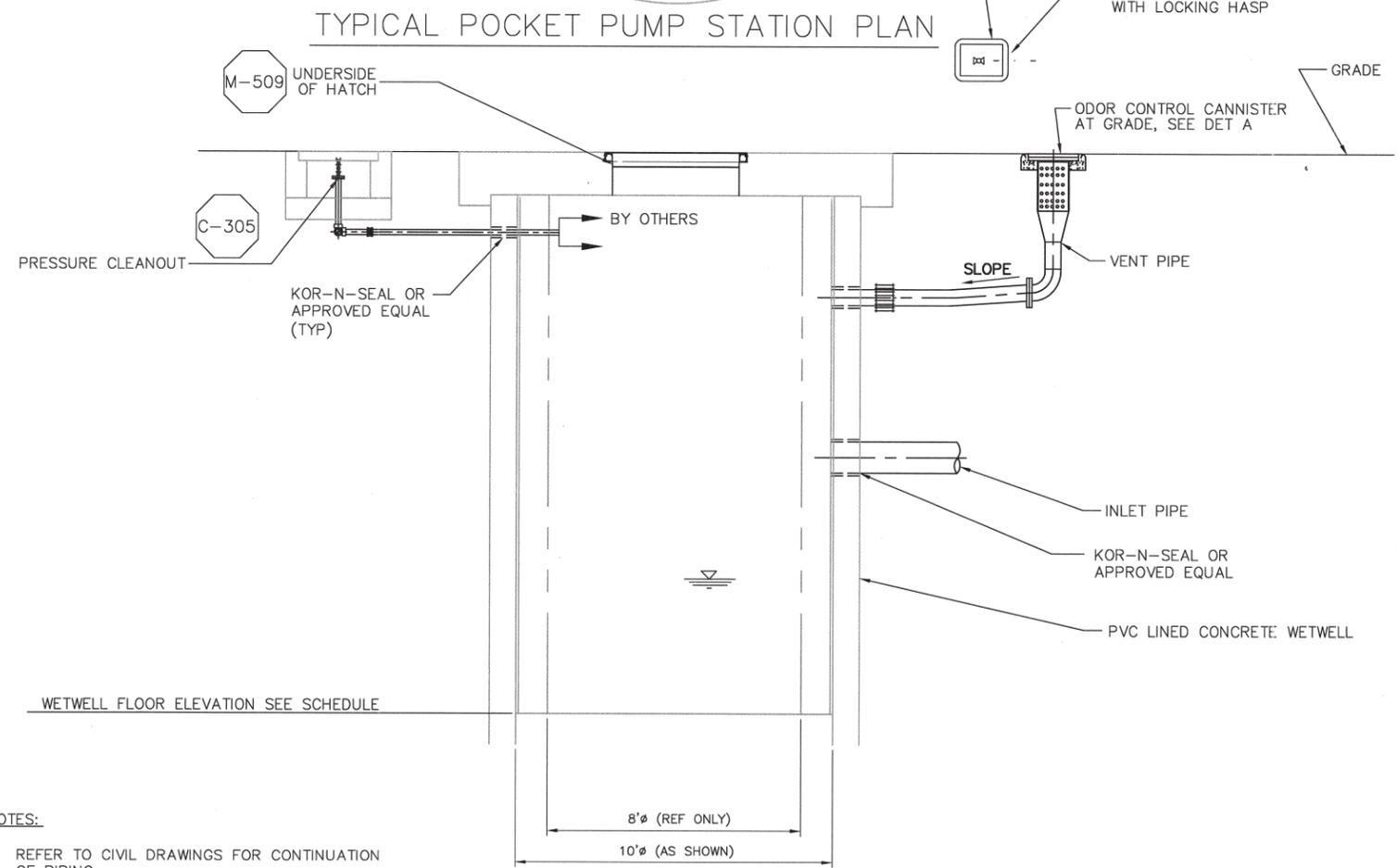


LOS OSOS WASTEWATER COLLECTION SYSTEM
MECHANICAL STANDARD DETAILS - 2
 PROJECT NO. 42502-83120
 FILE NAME: A-M-002
 SHEET NO.
A-M-002

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POCKET GRINDER PUMP STATION SCHEDULE								
DESCRIPTION	04A	07A	08A	09A	10A	11A	12A	13A
AREA	A	A	A	A	A	A	A	A
TOP WETWELL SLAB ELEVATION (FT)	17.7	45.5	28	33	47.7	53.1	67.89	77.4
WETWELL FLOOR ELEVATION (FT)	5.63	33.93	14.83	19.33	31.83	37.83	55.83	66.03
WETWELL DEPTH (FT)	11.87	11.57	13.17	13.67	15.87	15.27	12.06	11.37
WETWELL DIAMETER (FT)	10	8	8	8	8	8	10	10
INLET PIPING SIZE (IN)	8	8	8	8	8	8	8	8
NUMBER OF INLETS	2	1	1	23.50	36.00	44.00	60.00	70.20
	12.05	38.10	19.00			42.00	60.00	70.20
INLET PIPING INVERT ELEVATION (FT)								
DISCHARGE PIPING SIZE (IN)	1.5	1.5	2	2	1.5	1.5	1.5	1.5
FORCE MAIN SIZE (IN)	2	1.5	2	2	2	2	2	2
FORCE MAIN CENTERLINE ELEVATION (FT)	14.62	42.44	24.92	29.92	44.62	50.02	64.81	74.32



- NOTES:**
- REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
 - CONTRACTOR TO VERIFY INLET PIPING CONDITIONS WITH COLLECTION SYSTEM PIPING.
 - CONTRACTOR TO VERIFY INLET PIPING AND WETWELL ELEVATION CONDITIONS.

SECTION A
 POCKET PUMP STATION -

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
 DRAWN BY: JAW
 CHECKED BY: CCA
 DATE: MARCH 2012

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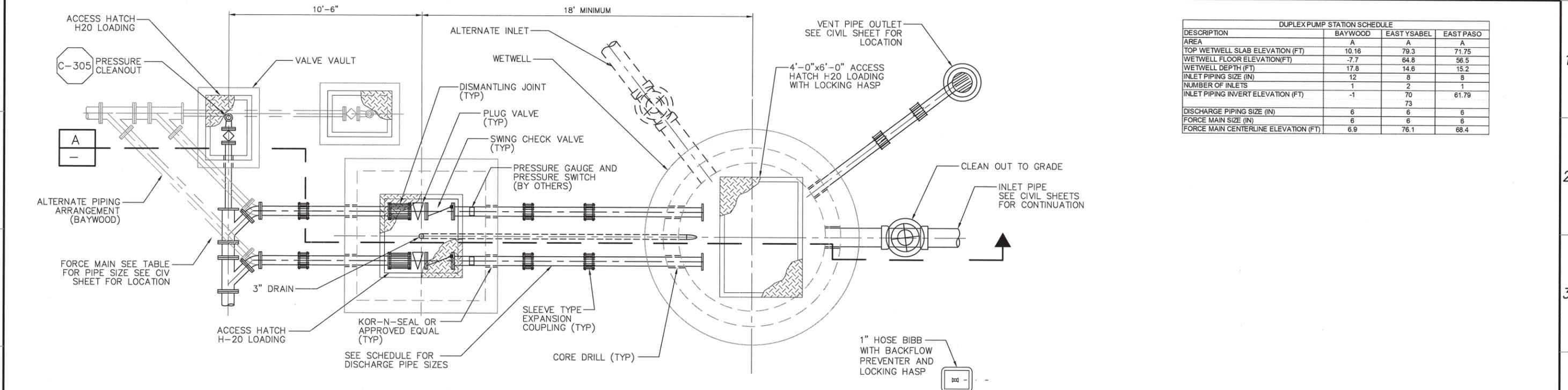
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 DIAL TOLL FREE 1-800-642-2444
 AT LEAST TWO DAYS BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

LOS OSOS WASTEWATER COLLECTION SYSTEM
MECHANICAL POCKET PUMP STATIONS PLAN & SECTIONS

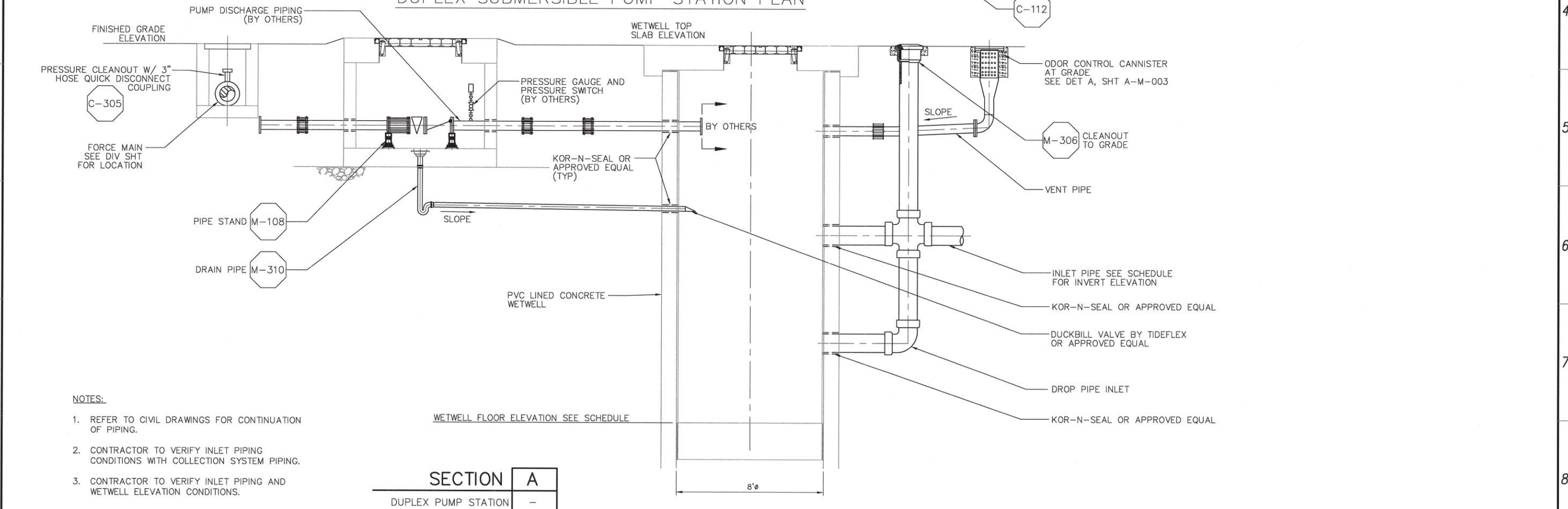
PROJECT NO. 42502-83120
 FILE NAME: A-M-003
 SHEET NO. **A-M-003**

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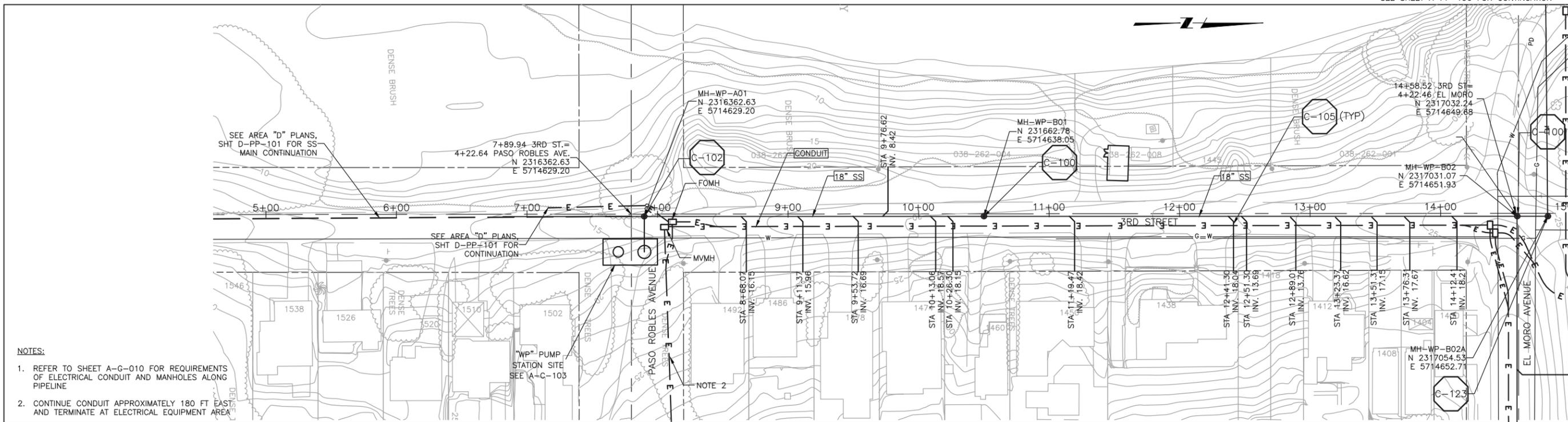
DUPLIX SUBMERSIBLE PUMP STATION PLAN



- NOTES:
- REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
 - CONTRACTOR TO VERIFY INLET PIPING CONDITIONS WITH COLLECTION SYSTEM PIPING.
 - CONTRACTOR TO VERIFY INLET PIPING AND WETWELL ELEVATION CONDITIONS.

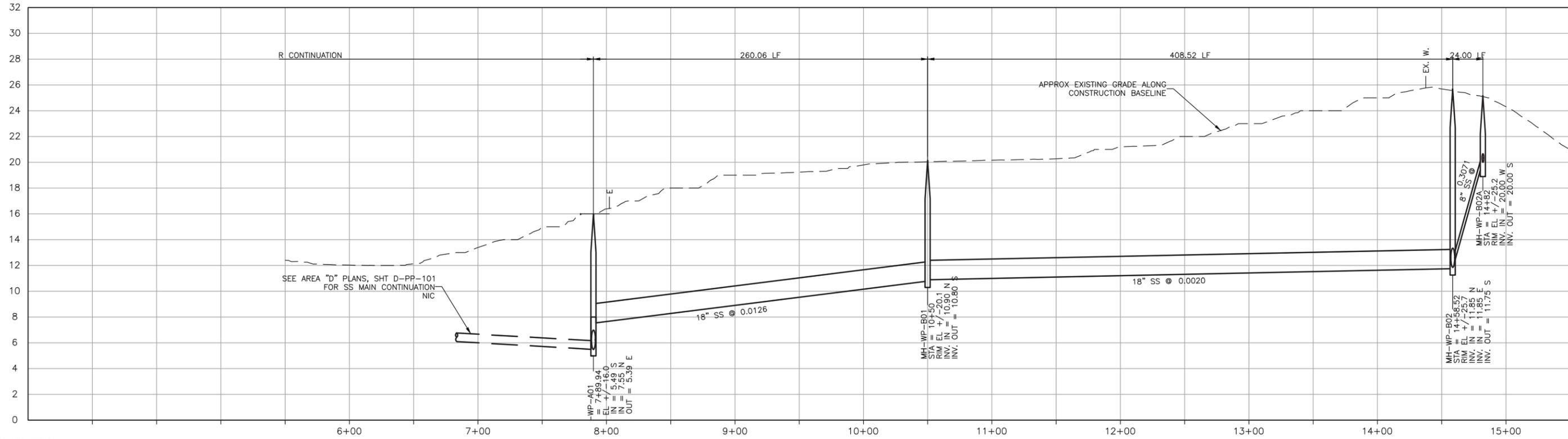
SECTION A
DUPLIX PUMP STATION

DESIGNED BY: _____	 2295 Gateway Oaks Drive, Suite 240 Sacramento, CA 95833 Tel: (916) 567-9900	 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN ADJUST SCALE ACCORDINGLY	 REGISTERED PROFESSIONAL ENGINEER SERIES: JAMES C. SMITH No. 051414 Exp. 06/30/17 STATE OF CALIFORNIA	 DIAL TOLL FREE 1-800-642-2444 AT LEAST TWO DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA	LOS OSOS WASTEWATER COLLECTION SYSTEM MECHANICAL SUBMERSIBLE PUMP STATIONS DUPLIX LAYOUT - PLAN & SECTION	PROJECT NO. 42502-83120
DRAWN BY: JAW						FILE NAME: A-M-004
CHECKED BY: _____						SHEET NO.
DATE: MARCH 2012						A-M-004



- NOTES:**
- REFER TO SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES ALONG PIPELINE
 - CONTINUE CONDUIT APPROXIMATELY 180 FT EAST AND TERMINATE AT ELECTRICAL EQUIPMENT AREA

PLAN ON 3RD STREET



PROFILE ON 3RD STREET

CONSTRUCTION
BASELINE
STATION

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: GLM
 DRAWN BY: SHS
 CHECKED BY: GLM
 DATE: March 12, 2012

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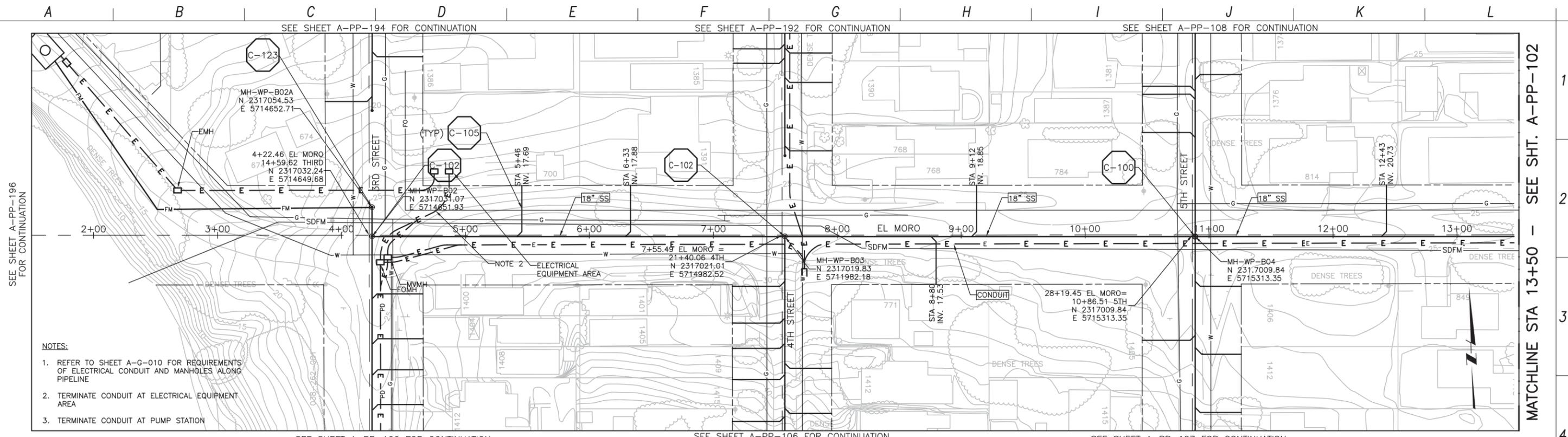


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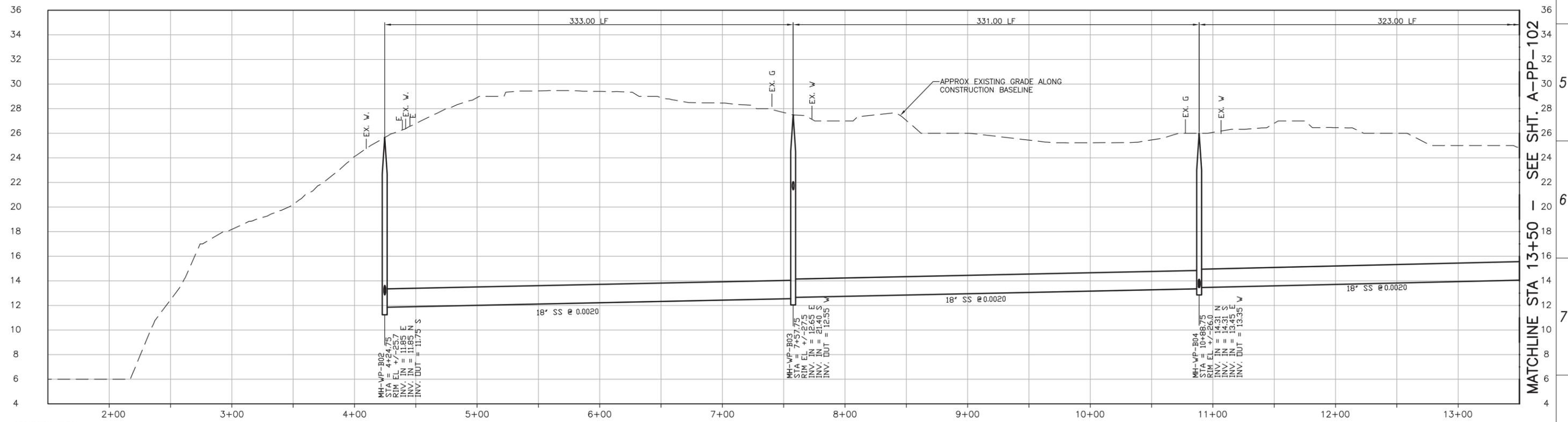
LOS OSOS WASTEWATER COLLECTION SYSTEM
PLAN AND PROFILE
3RD STREET
 STA 7+79.94 TO STA 14+58.52

SCALE:
 HORZ: 1"=40'
 VERT: 1"=4'
 PROJECT NO.42502-83120
 FILE NAME: A-PP-100.dwg
 SHEET NO.
A-PP-100



- NOTES:
1. REFER TO SHEET A-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES ALONG PIPELINE
 2. TERMINATE CONDUIT AT ELECTRICAL EQUIPMENT AREA
 3. TERMINATE CONDUIT AT PUMP STATION

PLAN ON EL MORO AVENUE



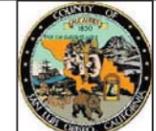
PROFILE ON EL MORO AVENUE

CONSTRUCTION BASELINE STATION

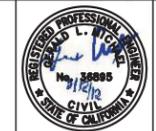
REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: GLM
 DRAWN BY: SHS
 CHECKED BY: GLM
 DATE: March 12, 2012

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 Sacramento, CA 95833
 Tel: (916) 567-9900



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LOS OSOS WASTEWATER COLLECTION SYSTEM
PLAN AND PROFILE
EL MORO AVENUE
 STA 4+24.75 TO STA 13+50

SCALE:
 HORZ: 1"=40'
 VERT: 1"=4'
 PROJECT NO: 42502-83120
 FILE NAME: A-PP-101.dwg
 SHEET NO.
A-PP-101