

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk

County of: Sacramento

From: (Public Agency): City of Folsom
50 Natoma Street
Folsom, CA 95630

(Address)

Project Title: Greenback Sewer & Lift Station No.3 Project

Project Applicant: City of Folsom

Project Location - Specific:

Greenback Lane & Folsom-Auburn Road

Project Location - City: Folsom

Project Location - County: Sacramento

Description of Nature, Purpose and Beneficiaries of Project:

The project includes modification of the existing sewer system in Greenback Lane/Folsom-Auburn Road including modifications to the existing manholes, removing existing manholes and replacing with a sewer flow vault structure. Work also includes modifications to the existing private sewer connection at 9900 Greenback Lane and installing an auto-flusher near that connection. Modifications to Pump Station No 3 include removal of the existing generator, installation of bypass pumping piping, installation of a new pigging station, and general site modifications.

Name of Public Agency Approving Project: City of Folsom

Name of Person or Agency Carrying Out Project:

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
Declared Emergency (Sec. 21080(b)(3); 15269(a));
Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
Categorical Exemption. State type and section number: Class 2: 15302(c)
Statutory Exemptions. State code number:

Reasons why project is exempt:

The project consists of upgrading an existing pump station facility and existing sewer infrastructure. The project will not significantly change the purpose or footprint of the previous infrastructure. See attached project plans for additional details.

Lead Agency

Contact Person: Nathan Stites

Area Code/Telephone/Extension: 916-461-6167

If filed by applicant:

- 1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: [Signature] Date: 2/9/2023 Title: EWR Director

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR:

ATTACHMENT A
PROJECT ENGINEERING PLANS

CITY OF FOLSOM IMPROVEMENT PLANS FOR: **GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT**

VOLUME 2: PROJECT DRAWINGS BID SET DRAWINGS JANUARY 2023



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

NOTE:
1. PUMP STATION NO. 2 LOCATION:
910 RIVER WAY, FOLSOM, CA 95630



APPROVED BY: *Steve Krahn* DATE: 1/17/23
STEVE KRAHN, PE
CITY ENGINEER

APPROVED BY: *Marcus Yasutake* DATE: 1/15/2023
MARCUS YASUTAKE, PE
ENVIRONMENTAL AND WATER RESOURCES DIRECTOR



CITY OF FOLSOM
DISTRICT OF WATER

REVISIONS				BENCH MARK	ELEV.	FIELD BOOK	SCALE	DRAWN BY:	DESIGN BY:	CHECKED BY:
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				LONGITUDE: XXXXXXX					R.C.E. C60715	DATE: 6/20/2022

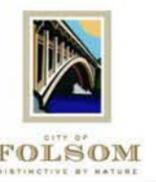
IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
TITLE SHEET, VICINITY MAP AND LOCATION MAP

SHEET
G001
1 OF 23

PUMP STATION NO. 3 REHABILITATION PROJECT

DWG No.	SHEET No.	DESCRIPTION
GENERAL		
1	G001	TITLE SHEET, VICINITY MAP AND LOCATION MAP
2	G002	INDEX OF DRAWINGS AND GENERAL NOTES
3	G003	LEGEND, ABBREVIATIONS AND PIPING SYMBOLS
4	G101	BYPASS PLAN
CIVIL		
5	C101	PUMP STATION NO. 3 SITE PLAN
6	C102	YARD PIPING DETAILS
7	C103	SEWER MODIFICATIONS KEY PLAN
8	C104	SEWER MODIFICATIONS PARTIAL PLAN 1
9	C105	SEWER MODIFICATIONS PARTIAL PLAN 2
10	C106	SEWER MODIFICATIONS PARTIAL PLAN 3
11	C107	PIG LAUNCHING CONNECTION PLAN AND SECTION
12	C108	FOLSOM--AUBURN RD/GREENBACK LANE SS MH MODIFICATIONS
13	C109	NEW 3" AIR RELEASE VALVE LOCATIONS AND DETAIL
14	C110	MANHOLE DETAILS
15	C111	BURIED MANHOLE AND AUTOMATIC FLUSHING STATION DETAILS
16	C112	CIVIL PHOTOS
17	C113	CIVIL DETAILS
DEMOLITION		
18	D001	PUMP STATION NO. 3 DEMOLITION NOTES
19	D101	EXISTING PUMP STATION NO. 3 SITE CIVIL DEMOLITION PLAN
20	D102	EXISTING PUMP STATION NO. 3 DEMOLITION PLAN
21	D103	EXISTING PUMP STATION NO. 3 DEMOLITION PHOTOS

MECHANICAL		
22	M101	PUMP STATION NO. 3 PIPING PLANS AND SECTIONS
23	M102	HAND WHEEL REHABILITATION



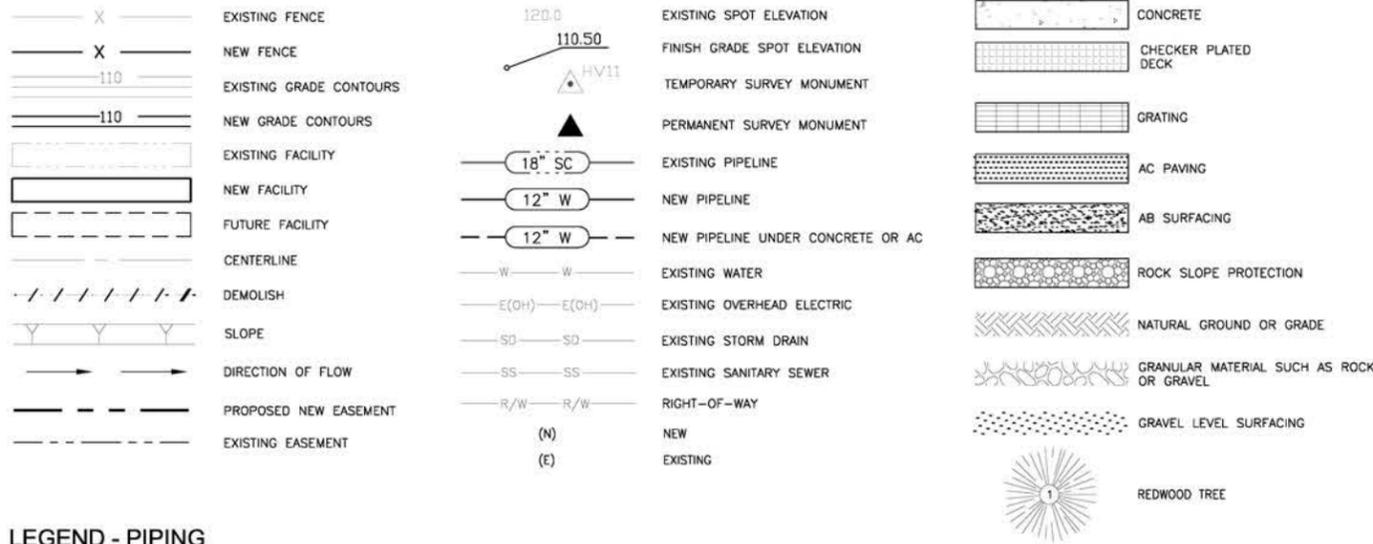
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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
INDEX OF DRAWINGS AND GENERAL NOTES

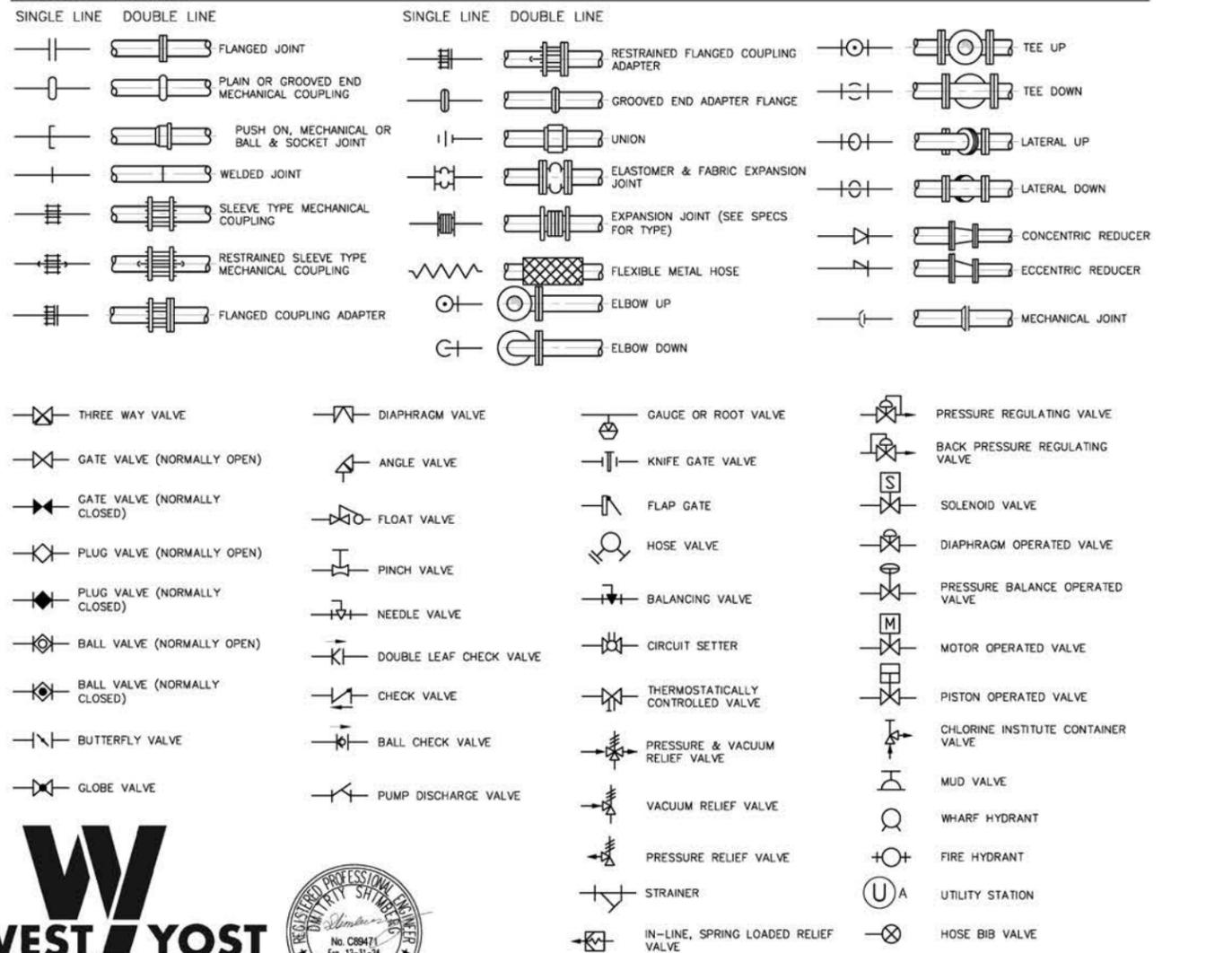
SHEET
G002
 2 OF 23

N:\Clients\0.36 Folsom\14-18-79 Folsom\PS 3 Rehab\CAD\Production\0.36-14-18-79-G002.dwg, 9/16/2022, 11:13 AM, sgarber
PUMP STATION NO. 3 REHABILITATION PROJECT

LEGEND



LEGEND - PIPING



ABBREVIATIONS

AB	AGGREGATE BASE	FCO	FLOOR CLEANOUT	PSUE	PUBLIC SERVICE & UTILITY EASEMENT POINT
AC	ASPHALT CONCRETE	FD	FLOOR DRAIN	PT	POINT
ACP	ASBESTOS CEMENT PIPE	FL	FLOW LINE	PV	PLUG VALVE
ADJ	ADJUSTABLE	FLG	FLANGE	PVC	POLYVINYL CHLORIDE PIPE
AFF	ABOVE FINISHED FLOOR	FM	FORCE MAIN	PVMT	PAVEMENT
AGG	AGGREGATE	FO	FIBER OPTIC	R	RADIUS
ALT	ALTERNATIVE	FRP	FIBERGLASS REINFORCED PLASTIC	RCP	REINFORCED CONCRETE PIPE
APPROX	APPROXIMATE	F/C	FACE OF CURB	REDR	REDUCER, REDUCING
ARV	AIR RELIEF VALVE	FT.	FEET, FOOT	REQD	REQUIRED
ASPH	ASPHALT	G	GAS	REIN	REINFORCING
BD	BUILDING DRAIN	GA	GAUGE	REV	REVISION
BF	BLIND FLANGE	GALV	GALVANIZED	RR	RAILROAD
BO	BLOW OFF ASSEMBLY	GB	GRADE BREAK	RW	RECYCLED WATER
BOW	BOTTOM OF WALL	GS	GROUND SURFACE	R/W	RIGHT OF WAY
BV, BFV	BUTTERFLY VALVE	GSP	GROUND SURFACE PROFILE	RWTF	REGIONAL WATER TREATMENT FACILITY
BW	BOTH WAYS	GV	GATE VALVE	S	SEWER, SOUTH, SLOPE
CAV	COMBINATION AIR VALVE	HC	HANDICAPPED	SA	SAMPLE
CB	CATCH BASIN	HP	HIGH POINT IN PVMT, HIGH POINT IN PIPE, HIGH PRESSURE	SB	SODIUM BISULFITE SOLUTION
CD	CONTROLLED DENSITY FILL	HORZ	HORIZONTAL	SAN	SANITARY
CIP	CAST IRON PIPE	IE	INVERT ELEVATION	SCH	SCHEDULE
CL	CENTER LINE	IN.	INCH	SCP	STEEL CYLINDER PIPE
CLR	CLEAR	INV	INVERT	SD	STORM DRAIN
CLSM	CONTROL LOW STRENGTH MATERIAL	IPS	IRON PIPE SIZE	SDMH	STORM DRAIN MANHOLE
CO	CLEAN OUT	IRR	IRRIGATION	SPD	SUMP PUMP DISCHARGE
CONC	CONCRETE	JT	JOINT TRENCH	SPRR	SIERRA PACIFIC RAILROAD
CONN	CONNECTION	LAT	LATERAL	SQ	SQUARE
CONT	CONTINUOUS	LF	LINEAL FEET	SS	SANITARY SEWER
CMU	CONCRETE MASONRY UNIT	LGT	LIGHT	SSB	STAINLESS STEEL BOLT
CTS	CATHODIC PROTECTION TEST STATION	LP	LOW POINT IN PIPE	SSMH	SANITARY SEWER MANHOLE
CV	CHECK VALVE	LPM	LITERS PER MINUTE	ST	STATION
CY	CUBIC YARDS	MAX	MAXIMUM	ST	STREET
DI	DRAIN INLET	MIN	MINIMUM	STD	STANDARD
DIA, Ø	DIAMETER	MH	MANHOLE	STL	STEEL
DIP	DUCTILE IRON PIPE	MJ	MECHANICAL JOINT	SVC	SERVICE
DR	DRAIN	MON	MONUMENT, MONITORING	SW	SIDEWALK
DWG	DRAWING	MOV	MOTOR OPERATED VALVE	T	TELEPHONE
DWY	DRIVEWAY	N	NORTH	T&B	TOP & BOTTOM
E	EAST, ELECTRIC	(N)	NEW	TOC	TOP OF CONCRETE
EA	EACH	N.I.C.	NOT IN CONTRACT	TOS	TOP OF STEEL OR TOP OF STRUCTURAL FRAME
EF	EACH FACE	NO.	# NUMBER	TOW	TOP OF WALL
EJF	EXPANSION JOINT FILLER	NR	NORTH REGIONAL	TS	TUBULAR STEEL
EL	ELEVATION	NTS	NOT TO SCALE	TYP	TYPICAL
ELEC	ELECTRIC	OC	ON CENTER	UG	UNDERGROUND
EP	EDGE OF PAVEMENT	OD	OUTSIDE DIAMETER	VAR	VARIOUS
EQUIP	EQUIPMENT	OH	OVERHEAD	VCP	VITRIFIED CLAY PIPE
EW	EACH WAY	PL	PROPERTY LINE	VTR	VENT THROUGH ROOF
ELB	ELBOW	PSV	PRESSURE RELIEF VALVE	W	WATER, WEST
EX, (E)	EXISTING	PRV	PRESSURE REDUCING VALVE	WL	WASTE LINE
EXP	EXPANSION	PSF	POUNDS PER SQUARE FOOT	W/	WITH
FF	FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH	W/O	WITH OUT
FH	FIRE HYDRANT			WS	WATER SURFACE
FCA	FLANGED COUPLING ADAPTER			WWF	WELDED WIRE FABRIC
				WV	WATER VALVE

PIPING SYSTEM ABBREVIATIONS

D	DRAIN
FM	FORCE MAIN
SD	STORM DRAIN
SS	SANITARY SEWER
W	WATER

SECTION & DETAIL DESIGNATIONS

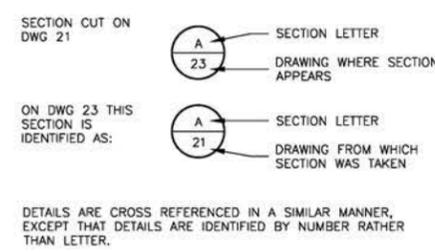
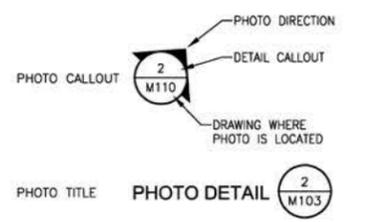
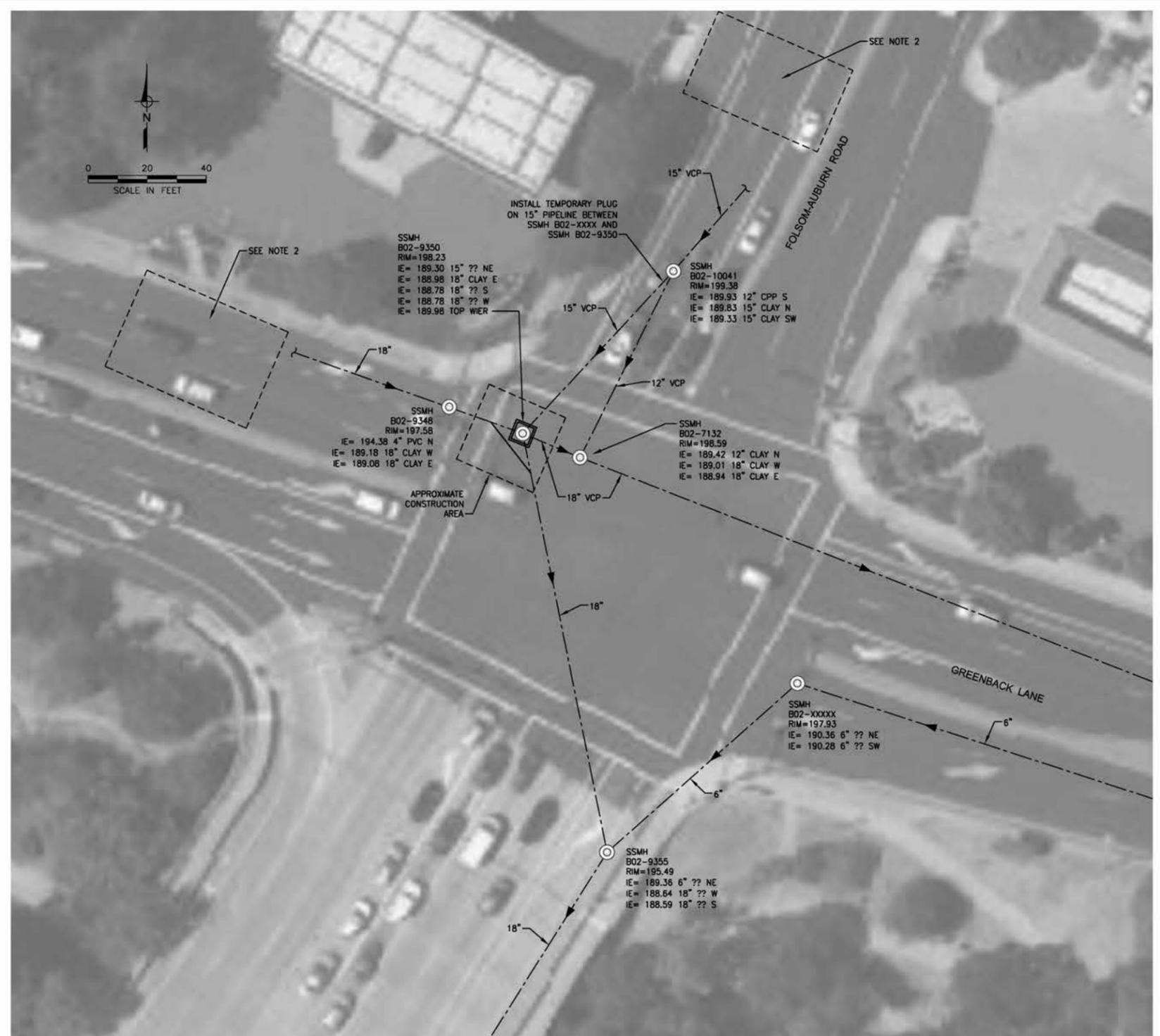


PHOTO DETAIL DESIGNATIONS



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- NOTES:**
- CONTRACTOR MAY PROPOSE ANOTHER BYPASS SYSTEM, SUCH AS BYPASS PUMPING, WITH APPROVAL BY THE CITY OF FOLSOM.
 - PEDESTRIAN AND VEHICULAR ACCESS:
 - THE BYPASS SYSTEM SHALL BE ADEQUATELY PROTECTED AND LOCATED TO MINIMIZE DISRUPTION TO VEHICLE AND PEDESTRIAN TRAFFIC.
 - AT LOCATIONS WHERE BYPASS PIPING CROSSES ROADWAYS, THE PIPING SHALL BE PLACED IN TRENCHES CONSTRUCTED BY THE CONTRACTOR. TRENCHES SHALL BE PLATED WITH NON-SKID PLATES THAT ARE STAKED AND WELDED TOGETHER TO ALLOW TRAFFIC TO CROSS UNIMPEDED. AFTER REMOVING PIPE FROM TRENCH, RESTORE TO ORIGINAL CONDITIONS.
 - TEMPORARY FENCING AND SIGNAGE SHALL BE PROVIDED TO PREVENT UNAUTHORIZED ACCESS.
 - MAINTAIN MINIMUM OF ONE LANE OF TRAFFIC DURING NIGHT-TIME WORK HOURS. ALL LANES SHALL BE OPEN AT ALL OTHER TIMES.

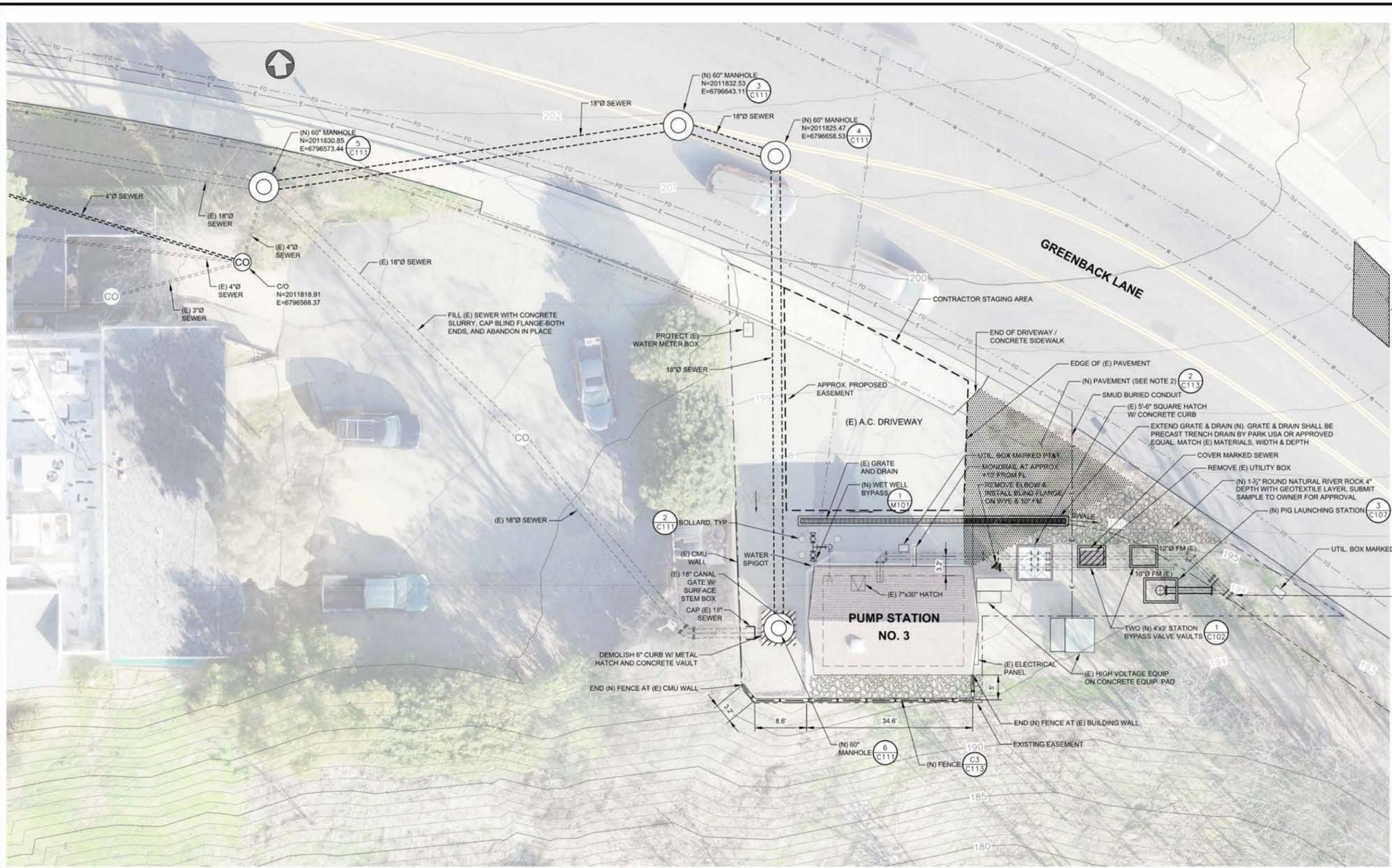
FLOW LOCATION	AVERAGE DRY WEATHER FLOW, MGD	WET WEATHER PEAK FLOW, MGD
SSMH02-10041	0.6	2.77
SSMH02-9348	0.28	0.72



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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
BYPASS PLAN

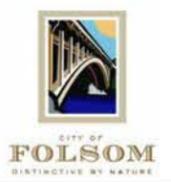


- NOTE:
- COORDINATE WITH CITY STAFF TO VERIFY LOCATION OF (E) BURIED MH. FIELD VERIFY (E) GRADE ELEVATION.
 - UPON COMPLETION OF NEW PAVING WORK, SLURRY SEAL THE ENTIRE LOT WITH TYPE 1 SLURRY SEAL.

SAWCUT AND RESTORE TEMPORARY PAVEMENT TO NEW A.C. PAVEMENT NEAR NEW MANHOLES (8' WIDE x 12' LONG) FROM LIP OF GUTTER TOWARDS END OF LANE, APPROXIMATELY 96 SF

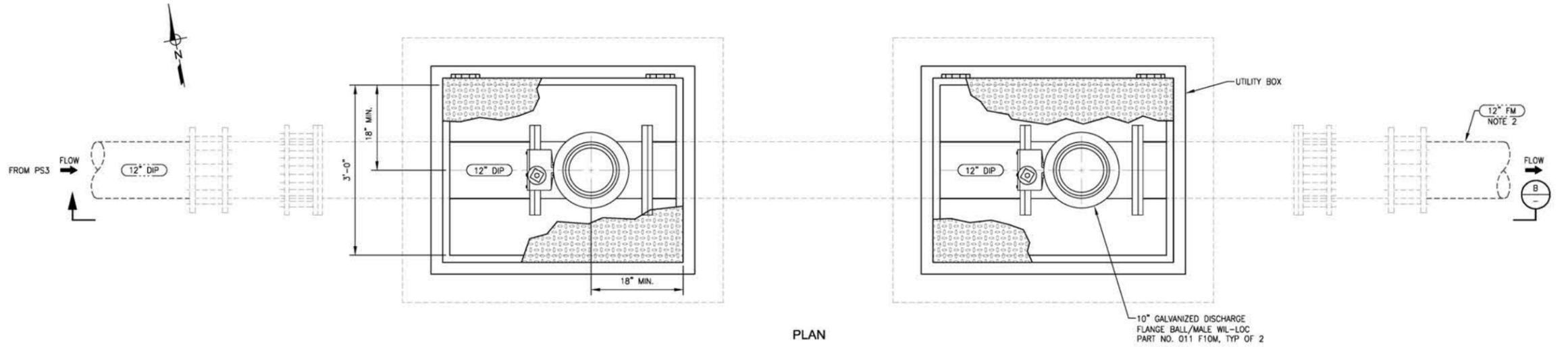
DURING INSTALLATION OF (N) WYE, TAKE PICTURES OF INSIDE OF (E) FORCE MAIN. MEASURE INSIDE DIAMETER OF (E) FORCE MAIN. PROVIDE PHOTOS AND MEASUREMENTS TO CITY

SITE PLAN
SCALE: 1" = 8'

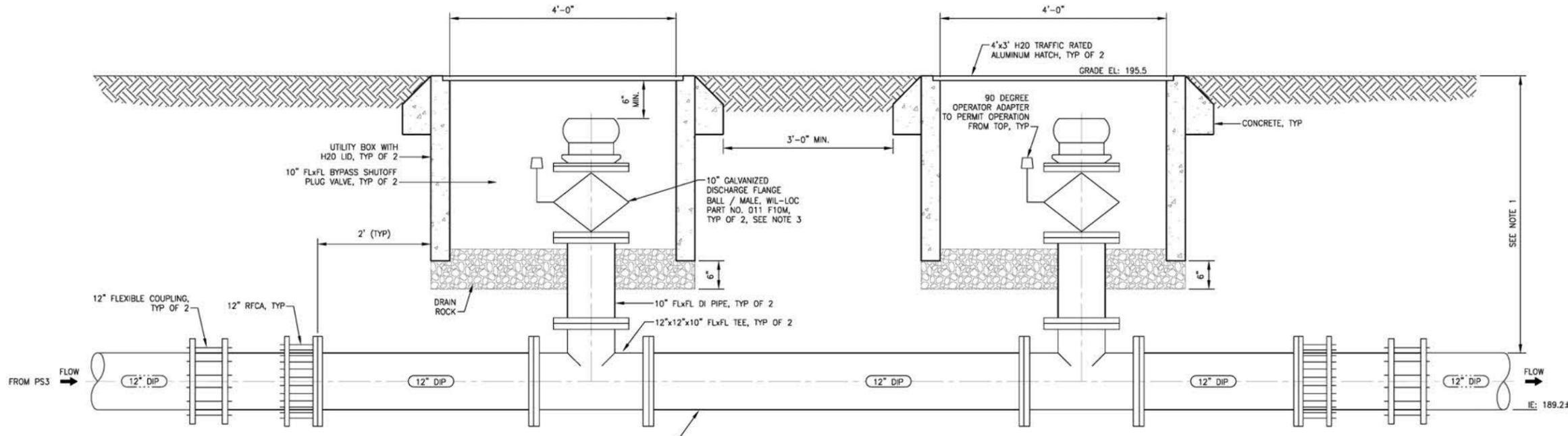


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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
PUMP STATION NO. 3 SITE PLAN



PLAN



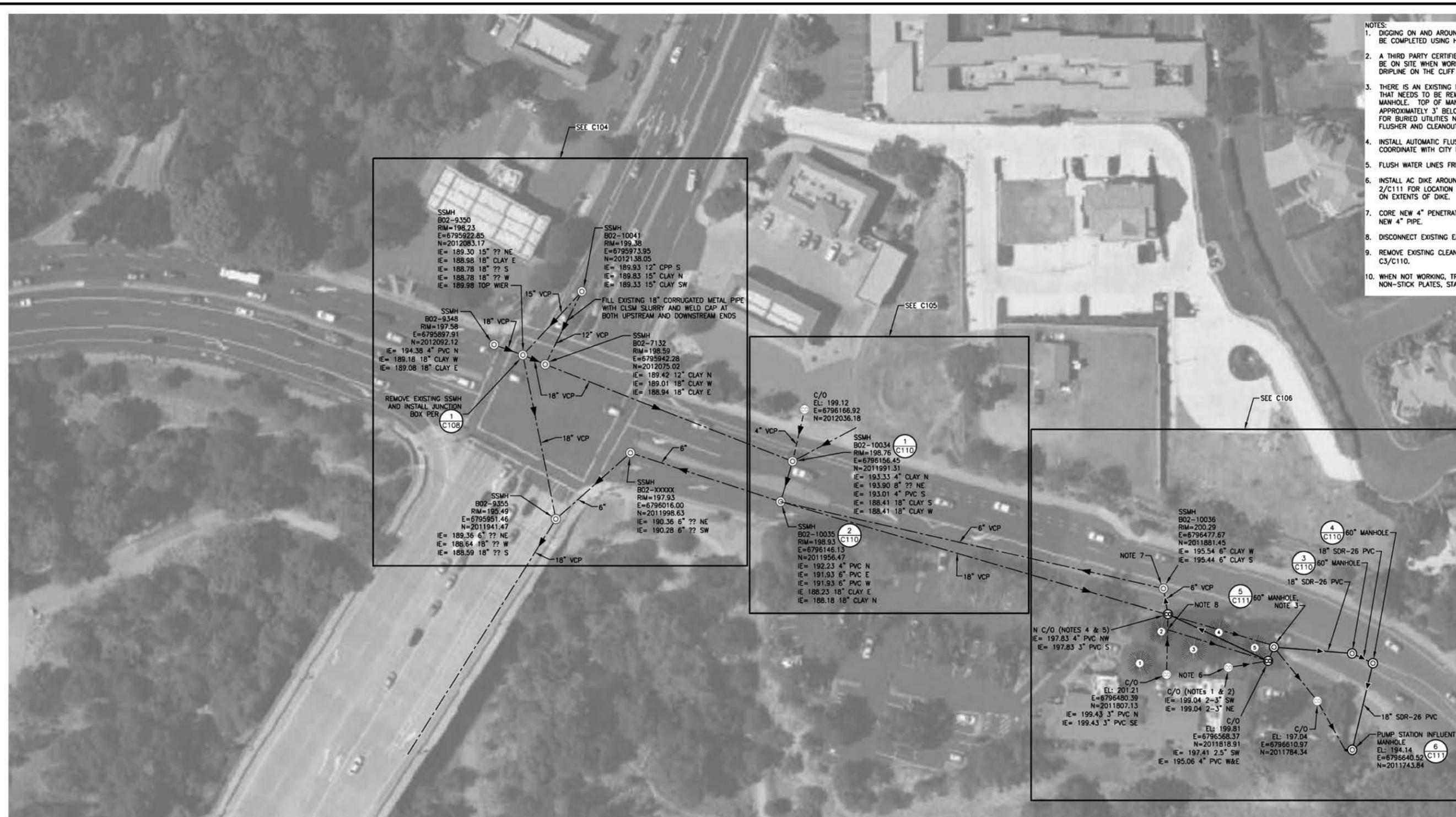
SECTION B-B
STATION FORCE MAIN BYPASS
DETAIL C101
SCALE: 1"=1'-0"

- NOTES:
1. CONTRACTOR SHALL FIELD VERIFY & CONFIRM GRADE ELEVATION AND THE BURIED DEPTH OF THE PIPELINE.
 2. CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE SIZE AND MATERIAL PRIOR TO ORDERING EQUIPMENT.
 3. PROVIDE GALVANIZED FEMALE WIL-LOC END PLUG, PART NO. 101 EC10 CAP AT THE END OF THE CONNECTOR, TYPICAL OF 2.

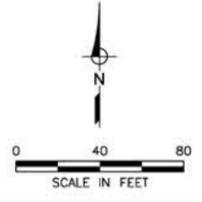
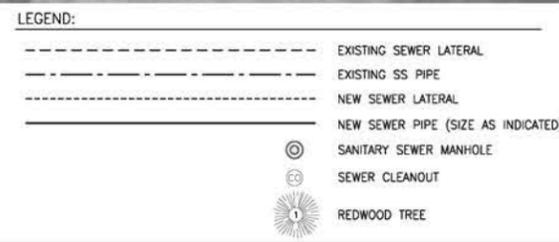


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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
YARD PIPING DETAILS



- NOTES:
- DIGGING ON AND AROUND CLIFF HOUSE PROPERTY SHALL BE COMPLETED USING HAND DIGGING METHODS ONLY.
 - A THIRD PARTY CERTIFIED ARBORIST SHALL BE REQUIRED TO BE ON SITE WHEN WORKING IN OR NEAR THE TREE DRIPLINE ON THE CLIFF HOUSE PROPERTY.
 - THERE IS AN EXISTING BURIED MANHOLE AT THIS LOCATION THAT NEEDS TO BE REMOVED PRIOR TO INSTALLING NEW MANHOLE. TOP OF MANHOLE IS ESTIMATED TO BE APPROXIMATELY 3' BELOW GRADE. SEE PHOTO 1/C109 FOR BURIED UTILITIES NEAR MANHOLE. REMOVE AUTOMATIC FLUSHER AND CLEANOUT.
 - INSTALL AUTOMATIC FLUSHING STATION NEAR CLEANOUT. COORDINATE WITH CITY FOR LOCATION.
 - FLUSH WATER LINES FREE OF DEBRIS BEFORE INSTALLATION.
 - INSTALL AC DIKE AROUND EXTERIOR DRAIN. SEE PHOTO 2/C111 FOR LOCATION OF DRAIN. COORDINATE WITH CITY ON EXTENTS OF DIKE.
 - CORE NEW 4\"/>

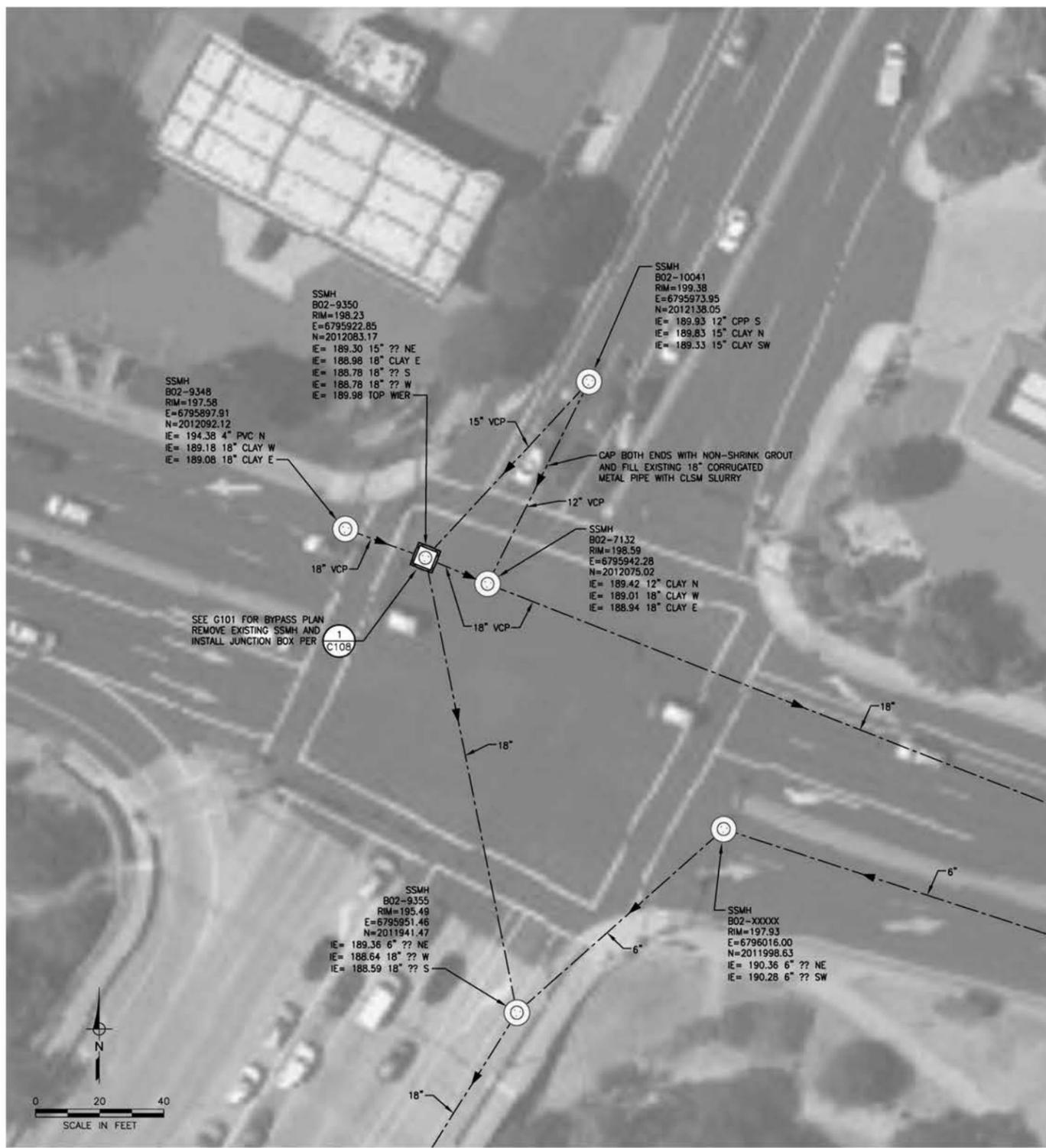


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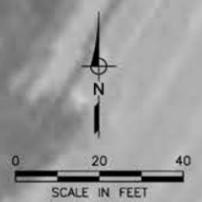
IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
 EXISTING AND ALTERNATE SERVICE LATERAL LOCATIONS

SHEET
C103
 7 OF 23



LEGEND:

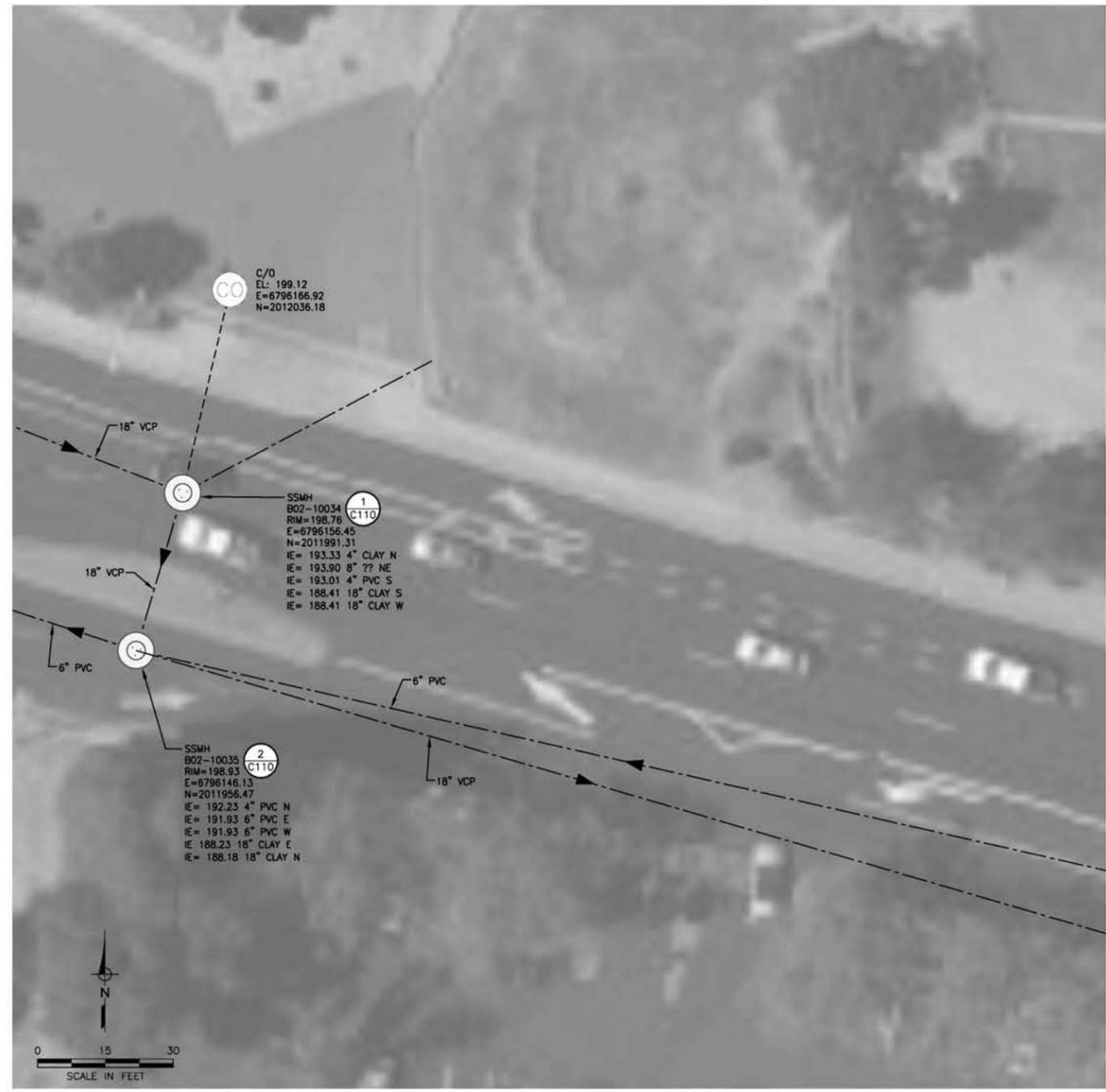
---	EXISTING SEWER LATERAL
---	EXISTING SS PIPE
---	NEW SEWER LATERAL
---	NEW SEWER PIPE (SIZE AS INDICATED)
⊙	SANITARY SEWER MANHOLE
⊕	SEWER CLEANOUT



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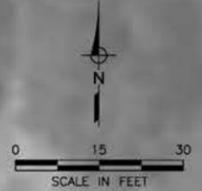
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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
SEWER MODIFICATIONS PARTIAL PLAN 1



LEGEND:

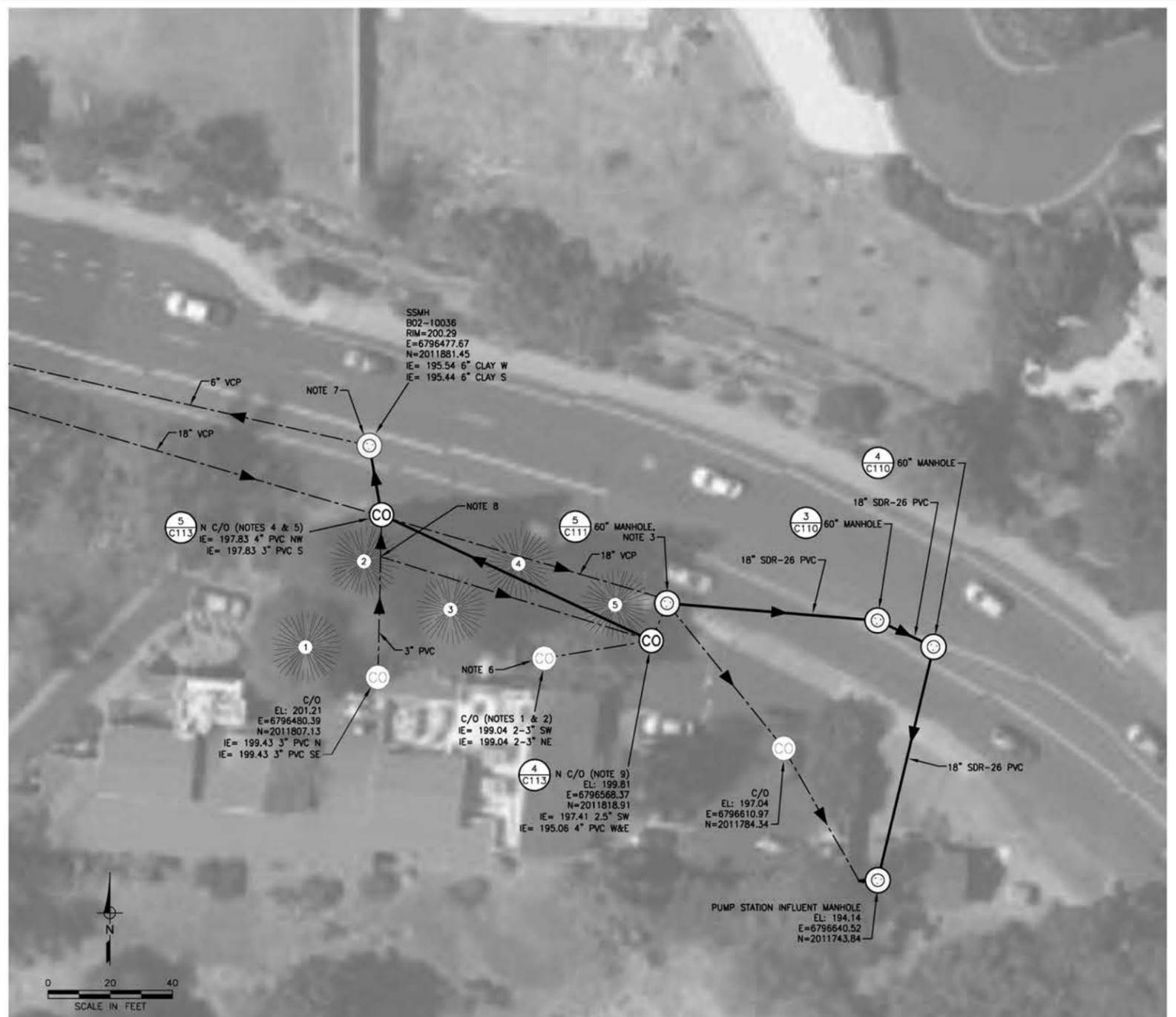
-----	EXISTING SEWER LATERAL
-----	EXISTING SS PIPE
-----	NEW SEWER LATERAL
-----	NEW SEWER PIPE (SIZE AS INDICATED)
⊙	SANITARY SEWER MANHOLE
⊙	SEWER CLEANOUT



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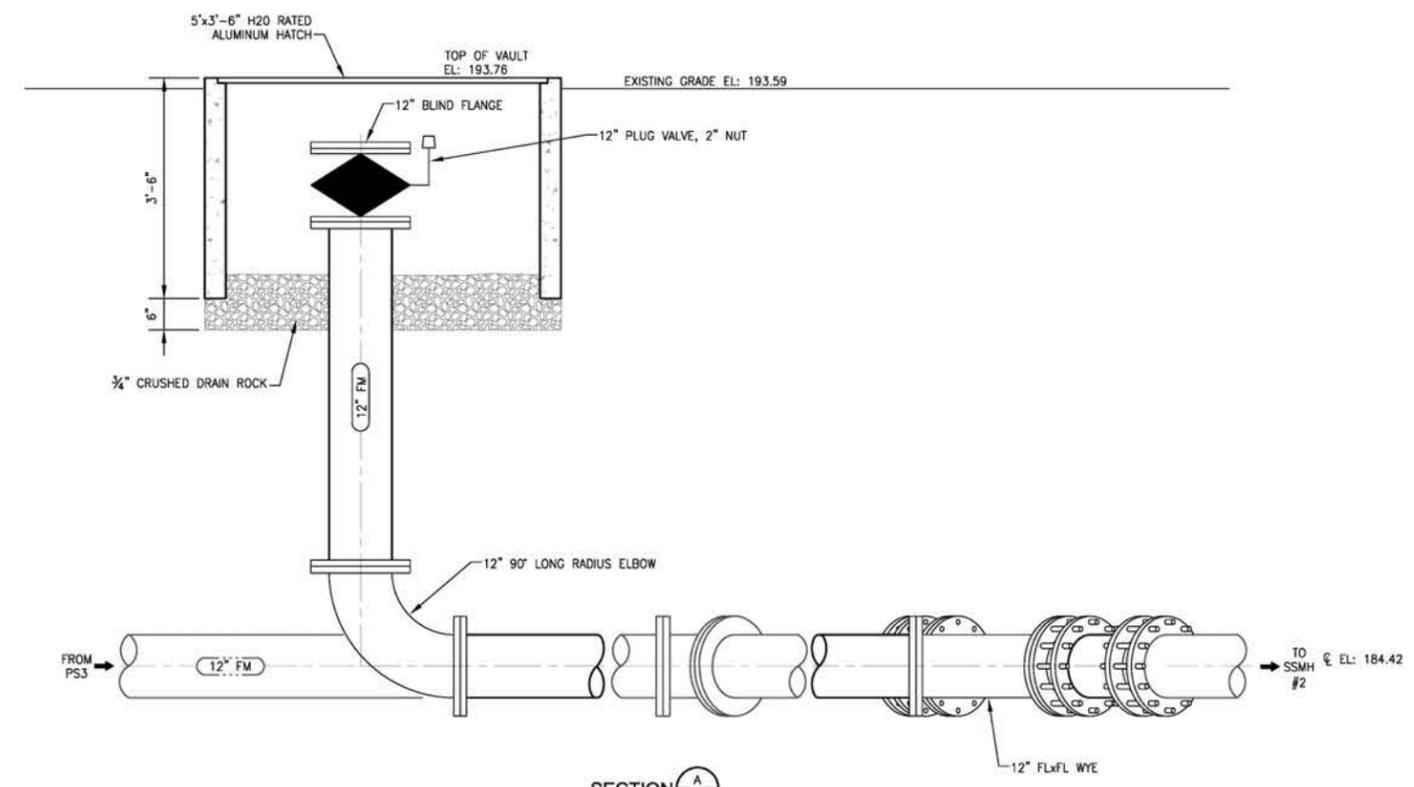
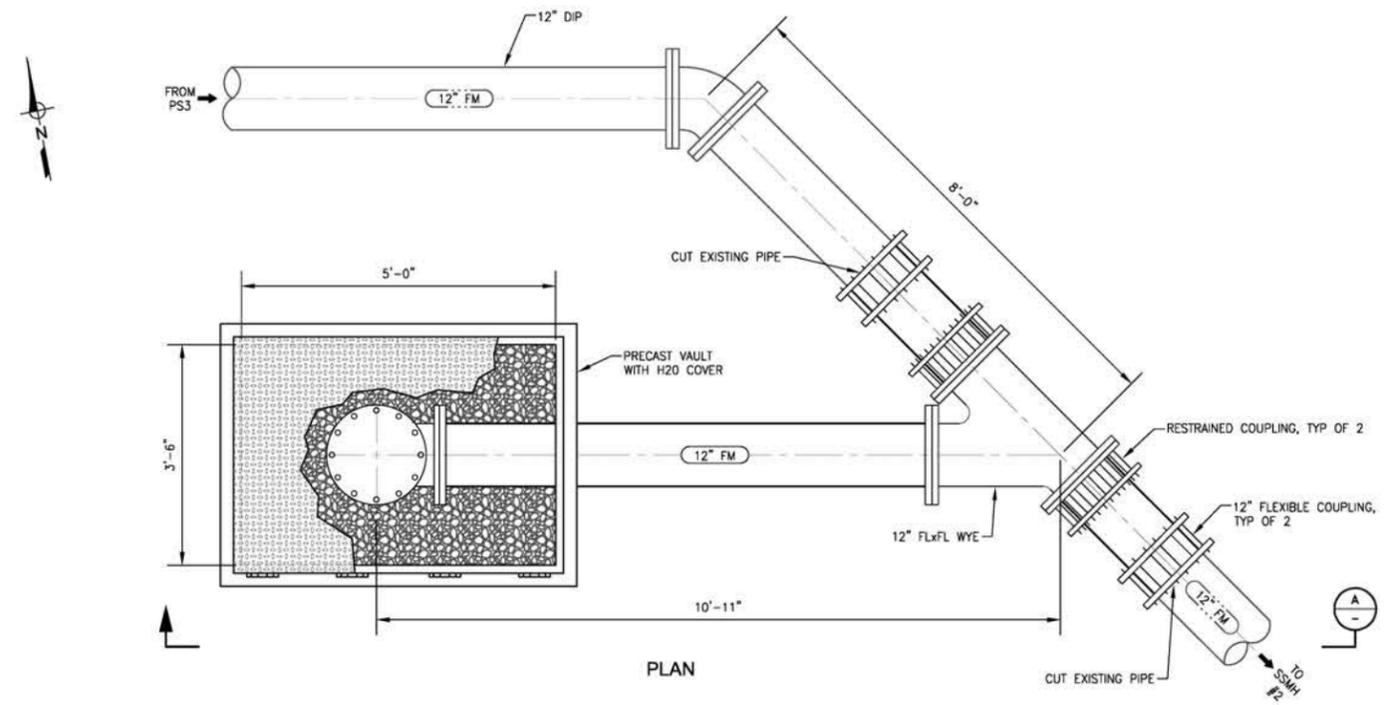
- NOTES:
- DIGGING ON AND AROUND CLIFF HOUSE PROPERTY SHALL BE COMPLETED USING HAND DIGGING METHODS ONLY.
 - A THIRD PARTY CERTIFIED ARBORIST SHALL BE REQUIRED TO BE ON SITE WHEN WORKING IN OR NEAR THE TREE DRIFLINE ON THE CLIFF HOUSE PROPERTY.
 - THERE IS AN EXISTING BURIED MANHOLE AT THIS LOCATION THAT NEEDS TO BE REMOVED PRIOR TO INSTALLING NEW MANHOLE. TOP OF MANHOLE IS ESTIMATED TO BE APPROXIMATELY 3' BELOW GRADE. SEE PHOTO 1/C112 FOR BURIED UTILITIES NEAR MANHOLE. REMOVE AUTOMATIC FLUSHER AND CLEANOUT.
 - INSTALL AUTOMATIC FLUSHING STATION NEAR CLEANOUT. COORDINATE WITH CITY FOR LOCATION.
 - FLUSH WATER LINES FREE OF DEBRIS BEFORE INSTALLATION.
 - INSTALL AC CURB AROUND EXTERIOR DRAIN. SEE PHOTO 2/C112 FOR LOCATION OF DRAIN. COORDINATE WITH CITY ON EXTENTS OF CURB.
 - CORE NEW 4" PENETRATION INTO SSMH B02-10036 FOR NEW 4" PIPE.
 - DISCONNECT EXISTING EAST SEWER LINE AT TEE JUNCTION.
 - REMOVE EXISTING CLEANOUT AND REPLACE WITH DETAIL C3/C113.
 - ONE LANE OF TRAFFIC IN EITHER DIRECTION MUST BE OPEN AT ALL TIMES.

- ARBORIST NOTES:
- ANY ON-SITE WORK ASSOCIATED WITH THE PROJECT WHICH TAKES PLACE UNDERNEATH DRIFLINE OF TREES AT 9900 GREENBACK LANE SHALL CONFORM TO THE FOLLOWING:
 - CITY WILL HAVE AN ARBORIST ON-SITE DURING EXCAVATION.
 - THE ARBORIST WILL MONITOR THE HEALTH OF THE TREES TO BE PRESERVED AND ENSURE APPROPRIATE TREE MANAGEMENT ACTIONS TAKE PLACE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE INTERNATIONAL SOCIETY OF ARBORCULTURE'S BEST MANAGEMENT PRACTICES - "MANAGING TREES DURING CONSTRUCTION" AND THE CITY OF FOLSOM'S TREE CARE AND MAINTENANCE STANDARDS.
 - ALL CONSTRUCTION ACTIVITIES WITHIN THE CRITICAL ROOT ZONE (CRZ) OF TREES SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST.
 - EXCAVATION WITHIN THE CRZ OF EXISTING TREES SHALL BE PERFORMED VIA HYDRO VACUUM EXCAVATION OR AIR SPADE UNDER THE DIRECT SUPERVISION OF A QUALIFIED PROJECT ARBORIST. ANY NECESSARY ROOT PRUNING FOLLOWING THE EXCAVATION ACTIVITIES SHALL BE PERFORMED WITH SHARP, STERILE HAND TOOLS. ROOTS THAT HAVE BEEN RIPPED, TORN, OR CRUSHED SHALL BE TRACED TO UNDAMAGED TISSUE AND CUT CLEANLY, RESULTING IN A FLAT SURFACE WITH THE ADJACENT BARK FIRMLY ATTACHED.
 - ROOTS EXPOSED FROM GRADE CUTS OR TRENCHING SHALL NOT BE ALLOWED TO DRY OUT. THE CUT FACES OF OPEN TRENCHES SHALL BE WET DOWN EVERY 24 HOURS UNTILL BACKFILLED TO PREVENT ROOT DESICCATION. IF ROOTS WILL BE EXPOSED OVERNIGHT OR IF DIRECTED BY THE PROJECT ARBORIST, THE CUT FACES SHALL BE MOISTENED AND COVERED UNTIL BACKFILLED.
 - FOLLOWING BACKFILL OF THE TRENCH, THE AREA SHALL BE THOROUGHLY HAND IRRIGATED.
 - ANY PRUNING FOR CONSTRUCTION CLEARANCE SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST.
 - THE FOLLOWING ACTIONS ARE PROHIBITED WITHIN THE CRZ:
 - PARKING OF VEHICLES, EQUIPMENT, OR STORAGE OF MATERIAL, UNLESS OTHERWISE APPROVED BY THE CITY OF FOLSOM.
 - WOUNDING OR BREAKING TREE TRUNKS OR BRANCHES THROUGH CONTACT WITH VEHICLES OR HEAVY EQUIPMENT.
 - CONTAMINATION OF SOIL BY WASHING OUT EQUIPMENT OR CONDUCTING VEHICLE MAINTENANCE.
 - A CERTIFIED LETTER BY THE PROJECT ARBORIST ATTESTING COMPLIANCE WITH THESE REQUIREMENTS SHALL BE SUBMITTED TO THE CITY AND THE OWNER OF 9900 GREENBACK LANE UPON PROJECT COMPLETION.
 - CRZ MEANS THE AREA OF SOIL EXTENDING FROM THE TREE TRUNK WHERE ROOTS REQUIRED FOR FUTURE TREE HEALTH AND SURVIVAL ARE LOCATED. THIS CRITICAL ROOT ZONE AREA FOR ALL TREES EXCEPT HERITAGE TREES IS A CIRCLE WITH A MINIMUM RADIUS OF ONE FOOT FOR EVERY ONE INCH IN TRUNK DIAMETER BREST HIGH (DBH). REFER TO FIGURE 1/C113.
 - FOR HERITAGE TREES, THE CRITICAL ROOT ZONE AREA SHALL BE A CIRCLE WITH A MINIMUM RADIUS OF ONE AND ONE-HALF FEET FOR EVERY ONE INCH IN TRUNK DIAMETER AT DSH, UNLESS REDUCED BY THE PROJECT ARBORIST. REFER TO FIGURE 2/C113.



REVISIONS				BENCH MARK	FIELD BOOK	SCALE	DRAWN BY:	DESIGN BY:	CHECKED BY:	DATE:	DATE:	DATE:	DATE:	SHEET
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				LATITUDE: XXXXXXXX		VERT. NA		C89471	C60715					

IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
SEWER MODIFICATIONS PARTIAL PLAN 3

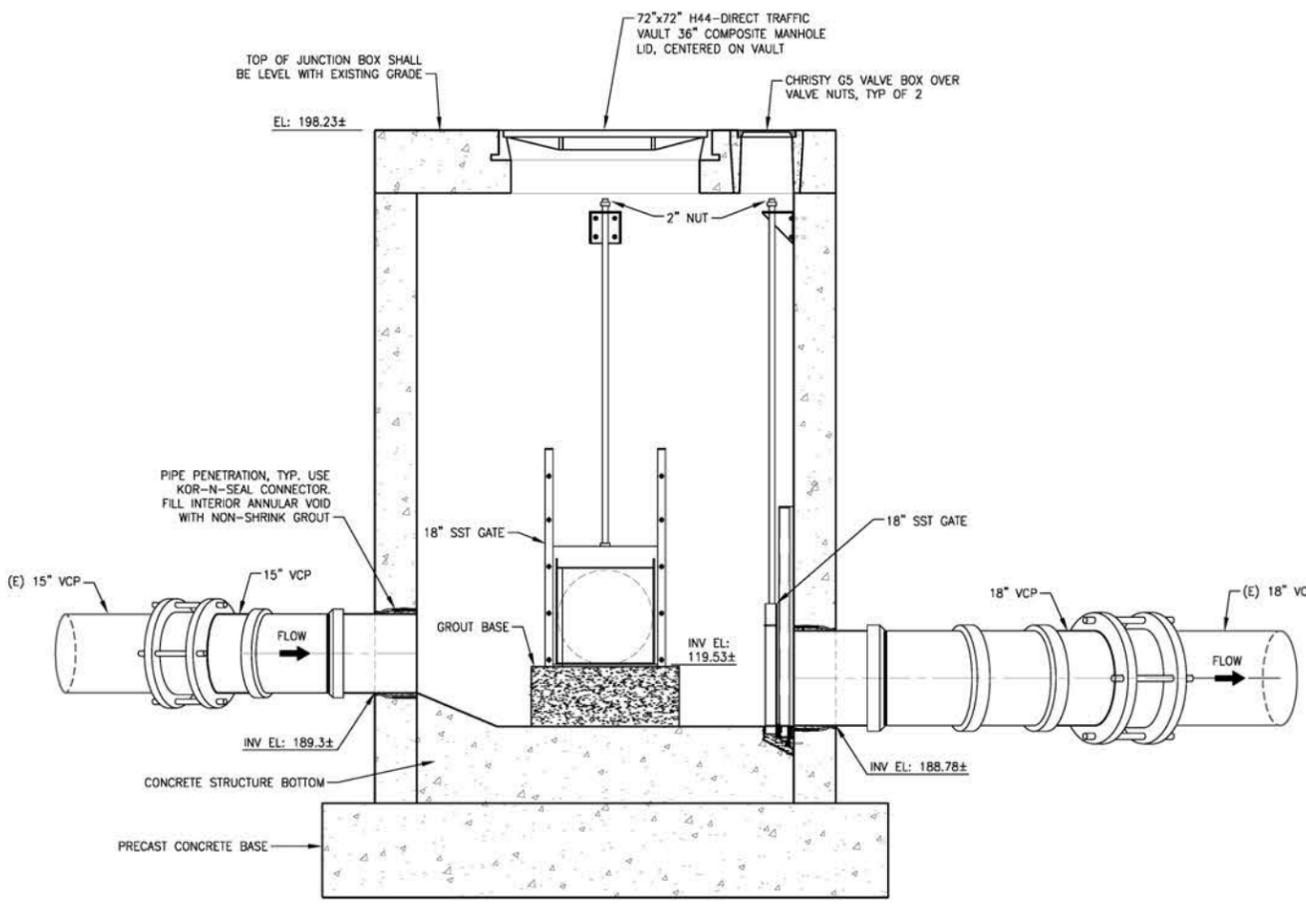
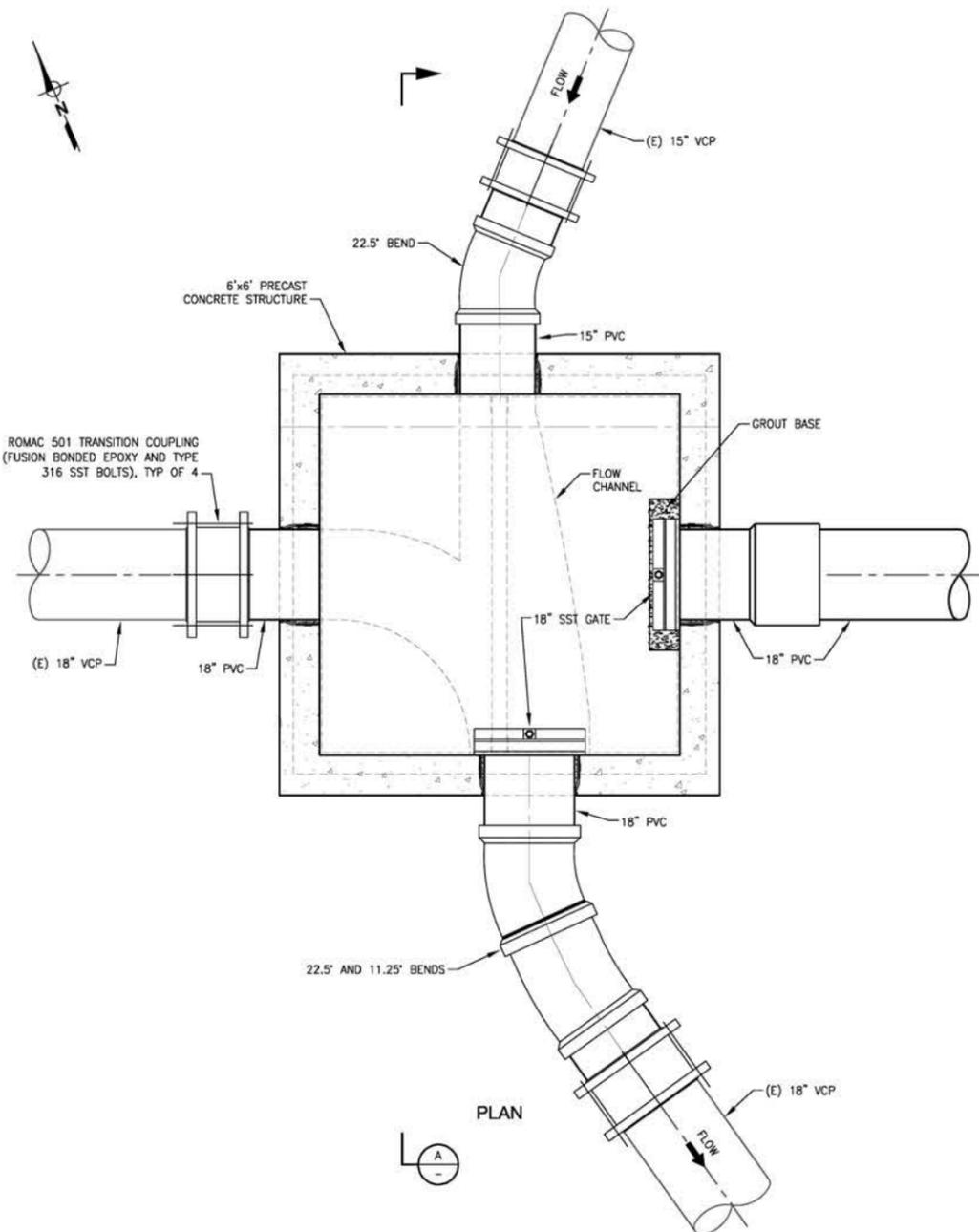


SECTION A-A
 PIG LAUNCHING STATION
 DETAIL C101
 SCALE: 3/4"=1'-0"



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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
PIG LAUNCHING CONNECTION PLAN & SECTION



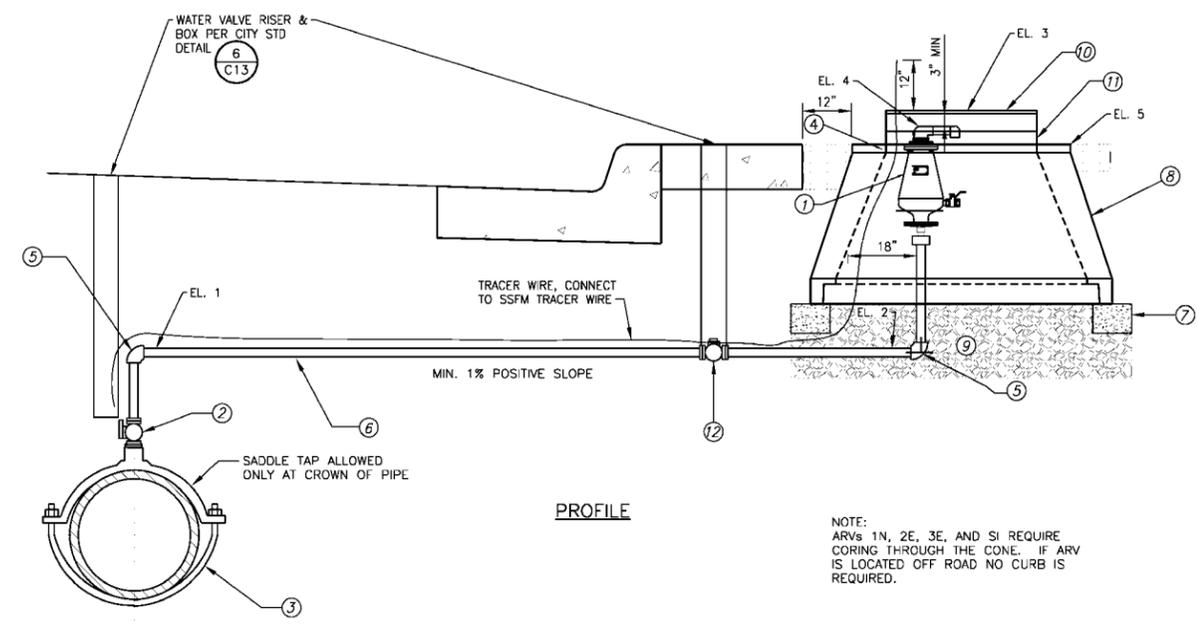
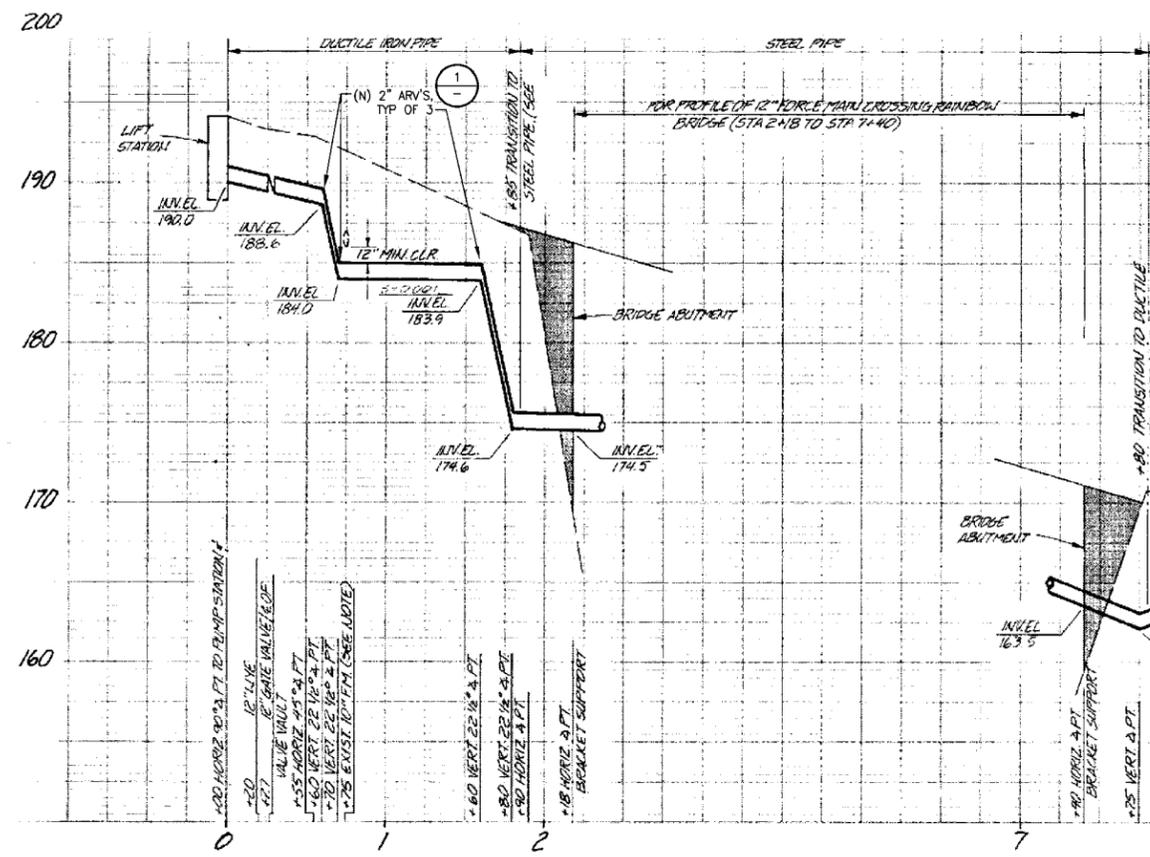
MANHOLE B02-9350
 DETAIL 1
 SCALE: 3/4"=1'-0"



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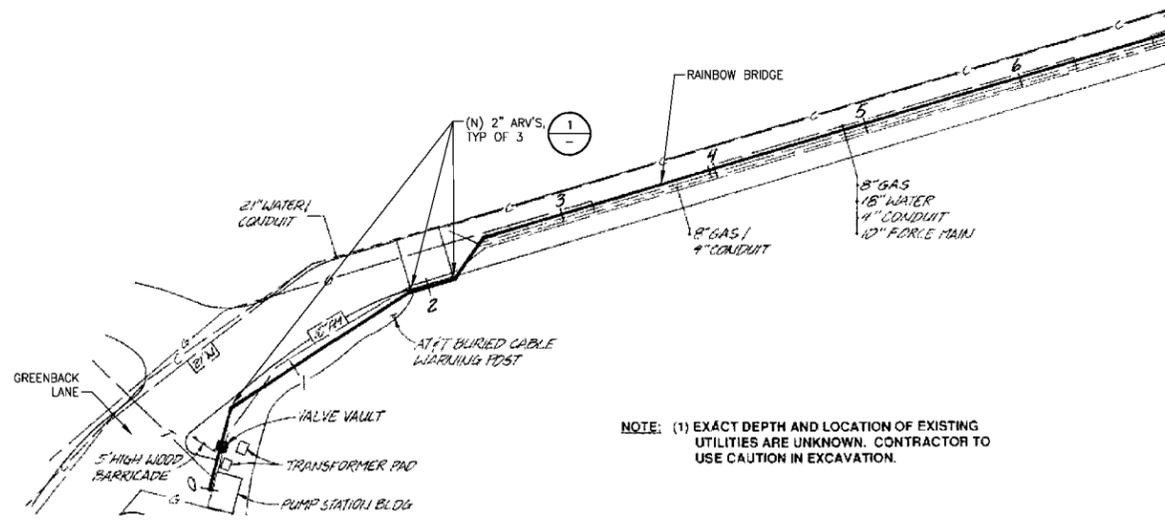
IMPROVEMENT PLANS FOR
 GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
 FOLSOM-AUBURN RD/GREENBACK LANE SS MH MODIFICATIONS



- LEGEND:**
- ① ARV TO BE A.R.I. D-020 COMBINATION AIR VALVE OR APPROVED EQUAL.
 - ② FLANGED STAINLESS STEEL PLUG VALVE WITH 2" SQUARE NUT ACTUATOR MOUNTED VERTICALLY, DEZURIK MODEL PEC OR APPROVED EQUAL.
 - ③ STAINLESS STEEL DOUBLE STRAP SADDLE TAP, ROMAC MODEL 305 OR APPROVED EQUAL WITH 3"x3" SCH 40 SST MPT NIPPLE AND 3" FLANGE X FPT ADAPTER.
 - ④ STAINLESS STEEL SUPPORT BAND—SECURE TO ARV AND SIDEWALL OF SSMH.
 - ⑤ LONG RADIUS ELBOW, SAME AS PIPE MATERIAL.
 - ⑥ SCH 40 STAINLESS STEEL PIPE, WRAPPED WITH 20 MIL TAPE, MIN 1% POSITIVE SLOPE.
 - ⑦ STANDARD MASONRY SUPPORT (BRICK)
 - ⑧ SSMH CONE 60"x36"x36"
 - ⑨ ¾" CRUSHED ROCK. FILL TO BOTTOM OF SSMH CONE
 - ⑩ GMI COMPOSITE FRAME & COVER, OR APPROVED EQUAL.
 - ⑪ GRADE RING AS NEEDED (3")
 - ⑫ STAINLESS STEEL BALL VALVE OR PLUG VALVE WITH SQUARE NUT ACTUATOR

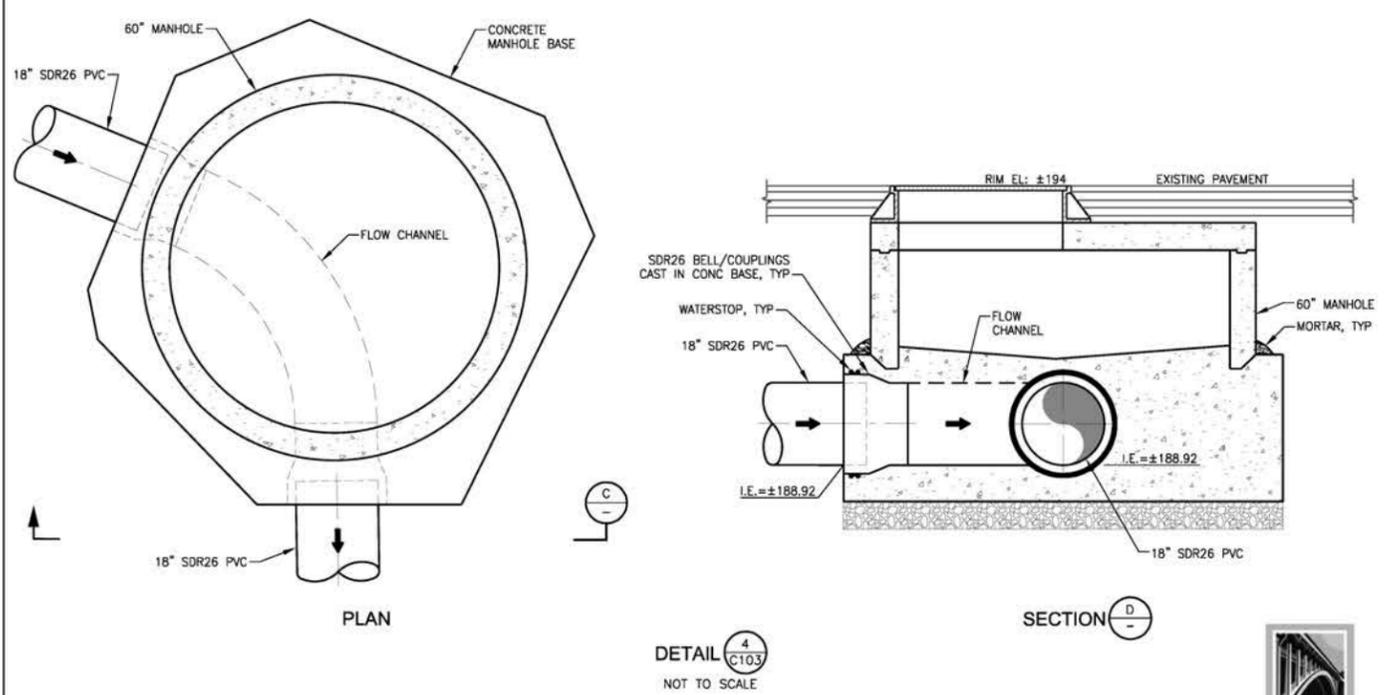
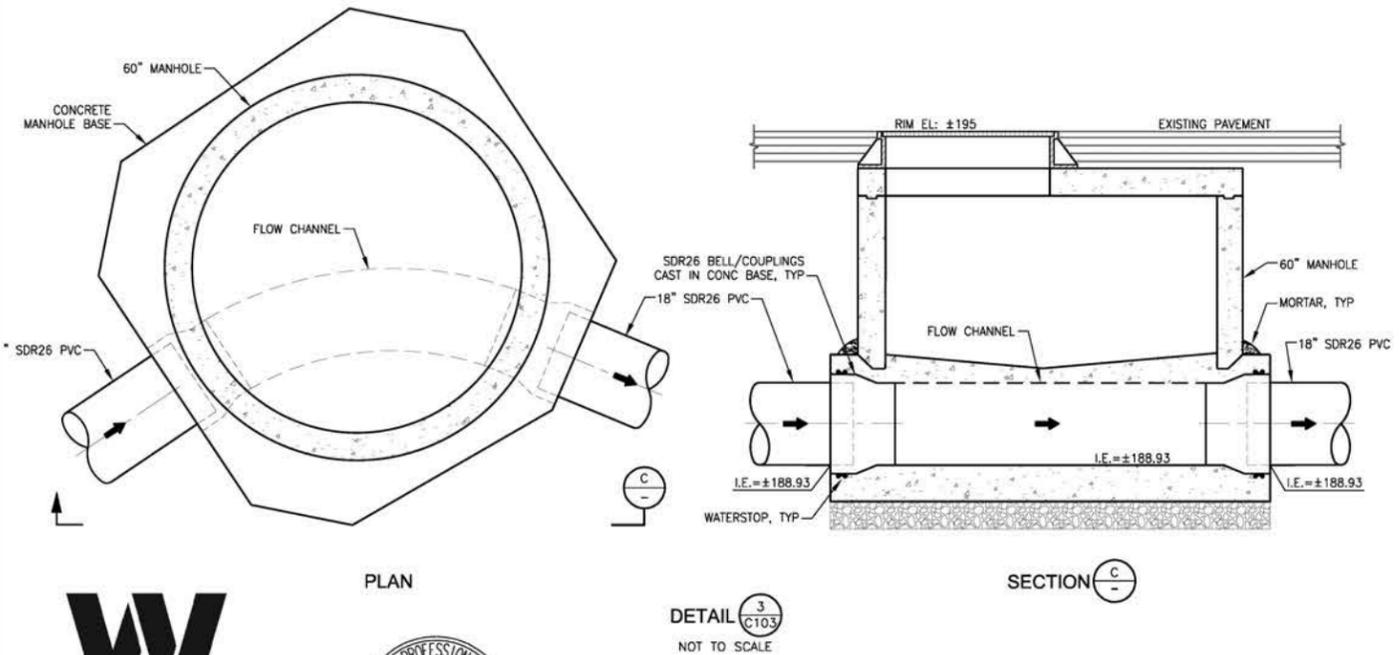
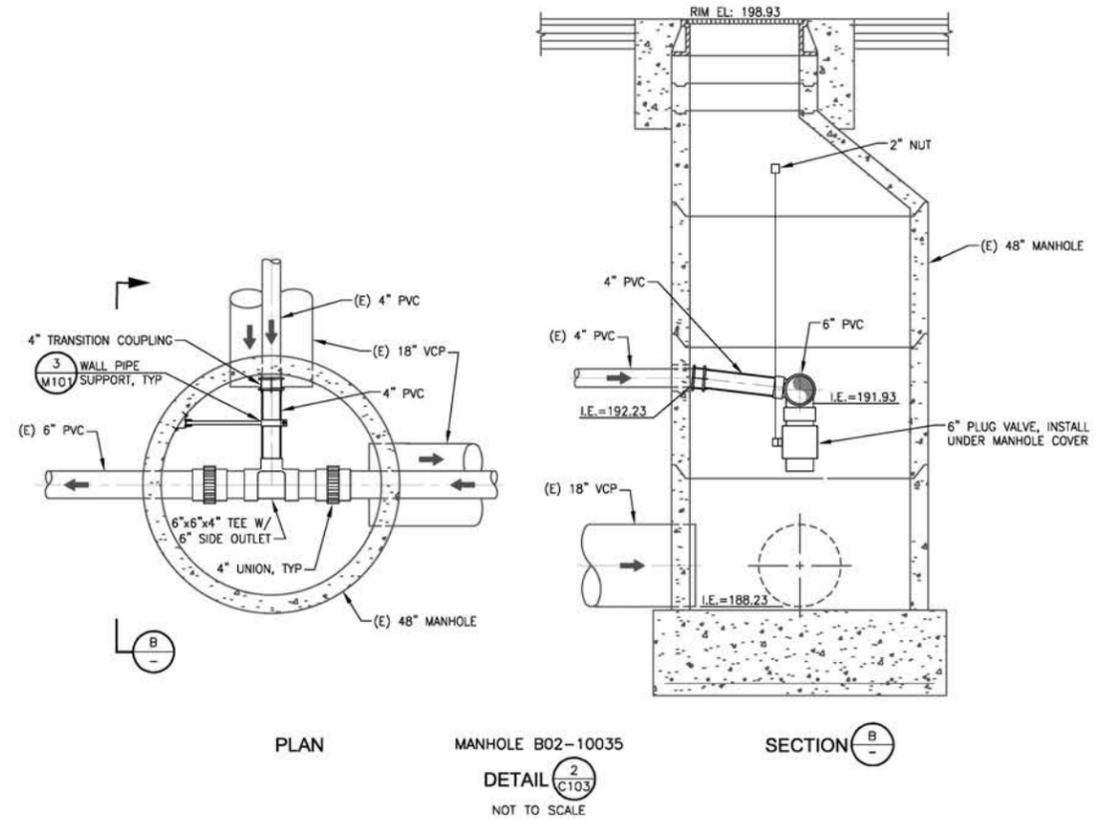
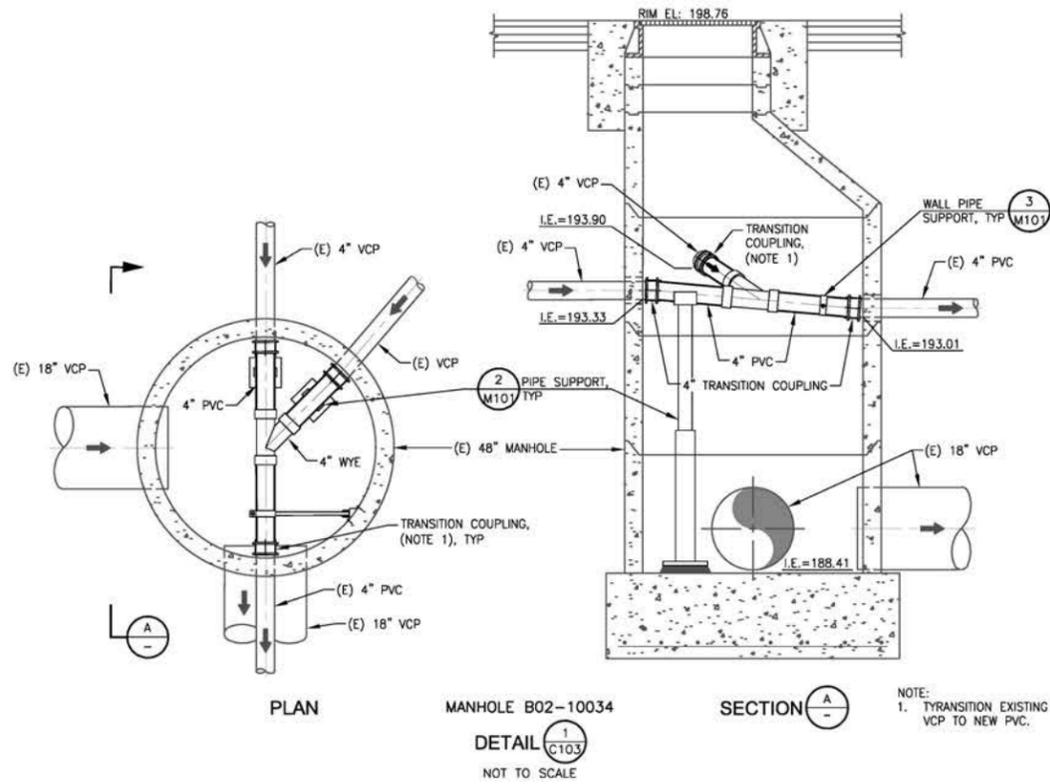
ARV'S AT INVERT ELEVATIONS 188.6, 184.0, 183.9

DETAIL 1
NOT TO SCALE



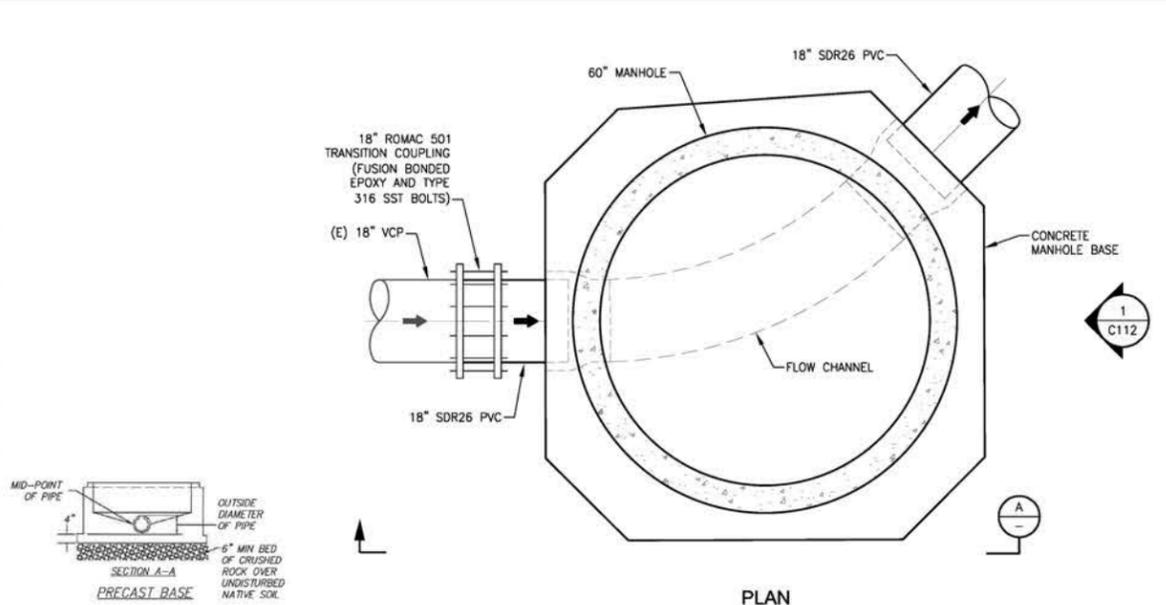
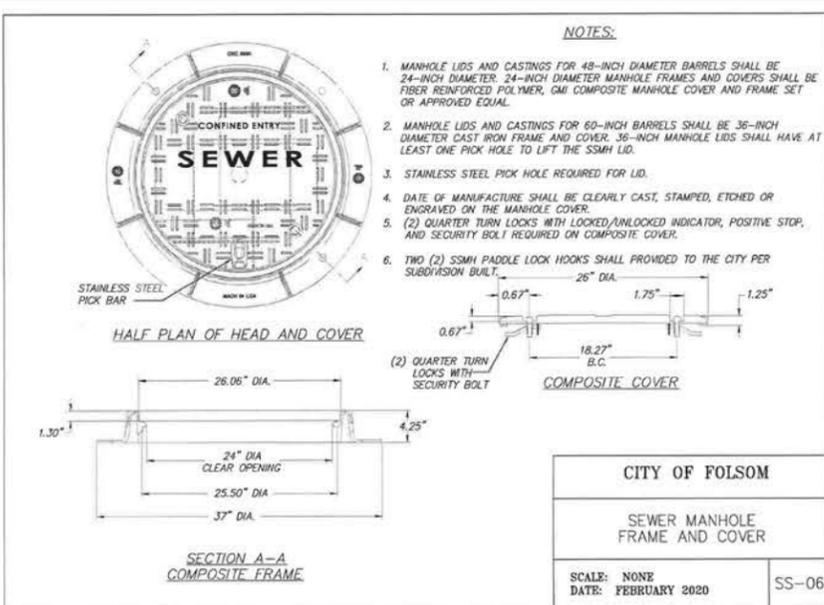
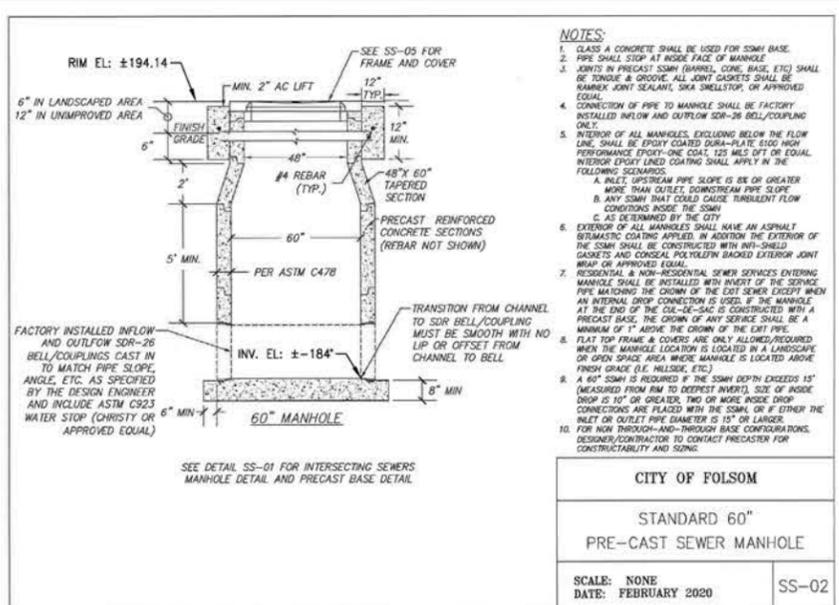
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				LONGITUDE: XXXXXXXX				DATE:	DATE: 6/24/2022	DATE: 6/20/2022

IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
NEW 3" AIR RELEASE VALVE LOCATIONS AND DETAIL

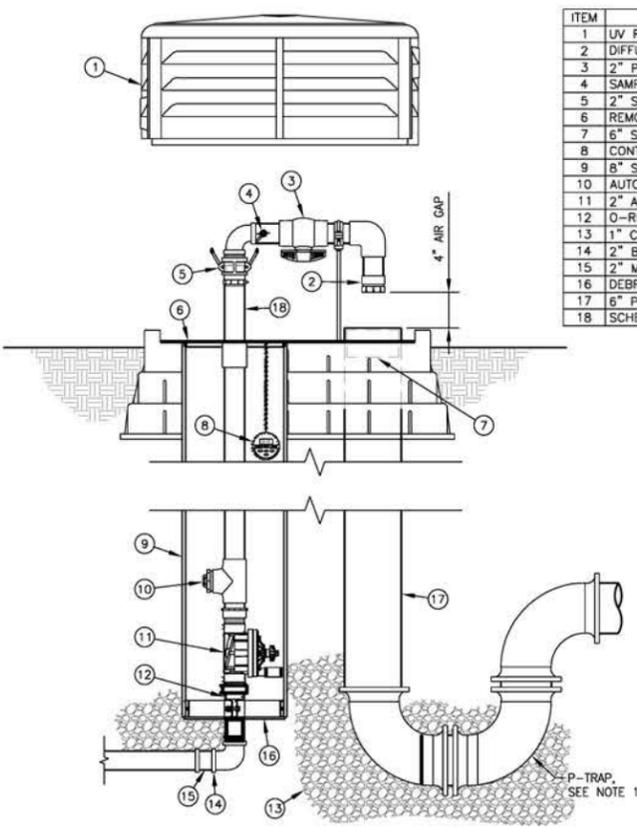
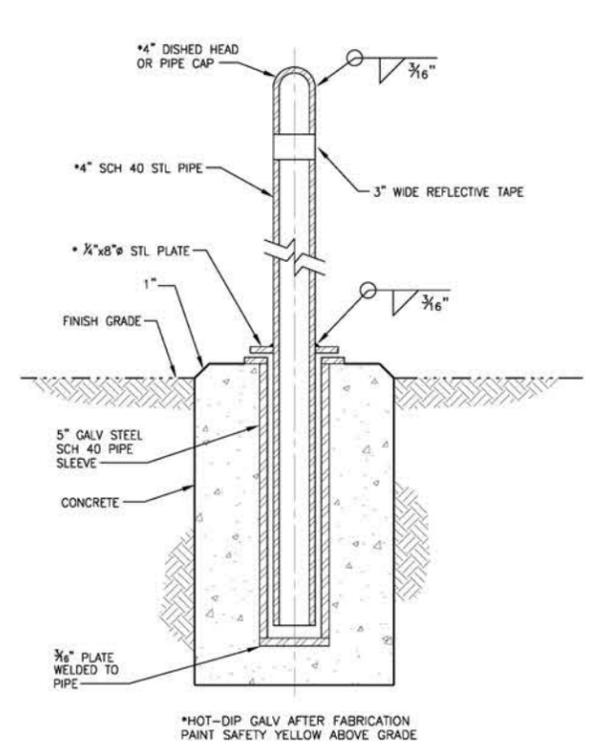


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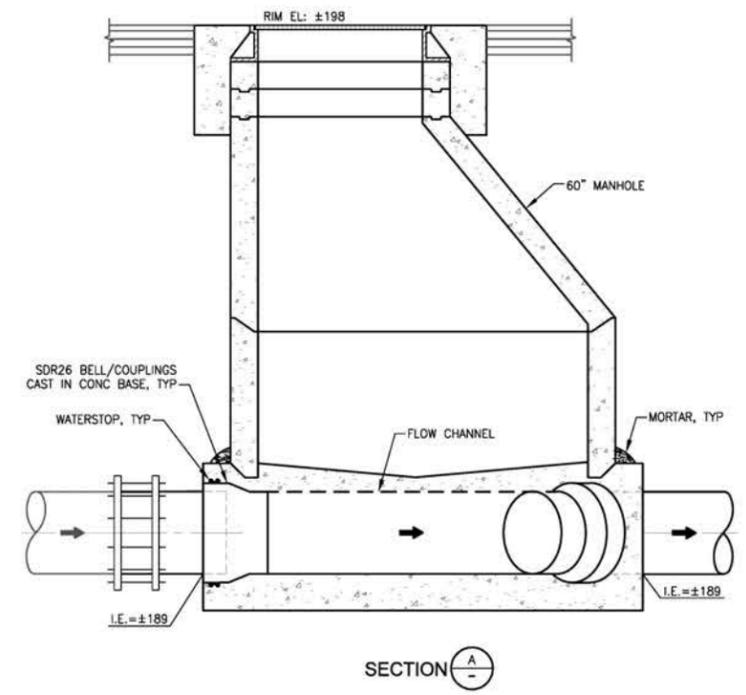
IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
MANHOLE DETAILS



PUMP STATION INFLUENT MANHOLE



ITEM	ITEM / DESCRIPTION
1	UV RESISTANT LOCKABLE LID
2	DIFFUSER / TRAP
3	2" PVC BALL VALVE
4	SAMPLING POINT
5	2" STAINLESS STEEL QUICK DISCONNECT
6	REMOVABLE ACCESS PLATE
7	6" SEWER PIPE CONNECTION
8	CONTROLLER
9	8" SDR 35 PVC PIPE
10	AUTOMATIC DRAIN
11	2" AUTOMATIC VALVE
12	O-RING CONNECTOR
13	1" CLEAN ROCK
14	2" BRASS FIP INLET
15	2" MIP x COMPRESSION ADAPTER
16	DEBRIS PLATE
17	6" PVC SEWER PIPE & P TRAP
18	SCHEDULE 80 PVC PIPE



REVISIONS				BENCH MARK		FIELD BOOK		IMPROVEMENT PLANS FOR				SHEET	
NO.	DESCRIPTION	DATE	BY	DESCRIPTION	ELEV.	XXXX	SCALE	GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT				C111	
				LATITUDE: XXXXXXXX			HORIZ. XXX	BURIED MANHOLE AND AUTOMATIC FLUSHING STATION DETAILS				15 OF 23	
				LONGITUDE: XXXXXXXX			VERT. NA	DRAWN BY: SMB	DESIGN BY: DS	CHECKED BY: TRB			
								DATE: DATE	R.C.E. C89471	DATE: 6/24/2022	R.C.E. C60715	DATE: 6/20/2022	



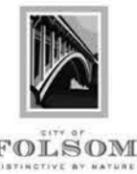
EXISTING BURIED MANHOLE
PHOTO $\frac{1}{-}$

NOTE:
PROTECT ALL EXISTING UTILITIES AROUND BURIED MANHOLE.



EXISTING CLIFFHOUSE EXTERIOR DRAIN
PHOTO $\frac{2}{-}$

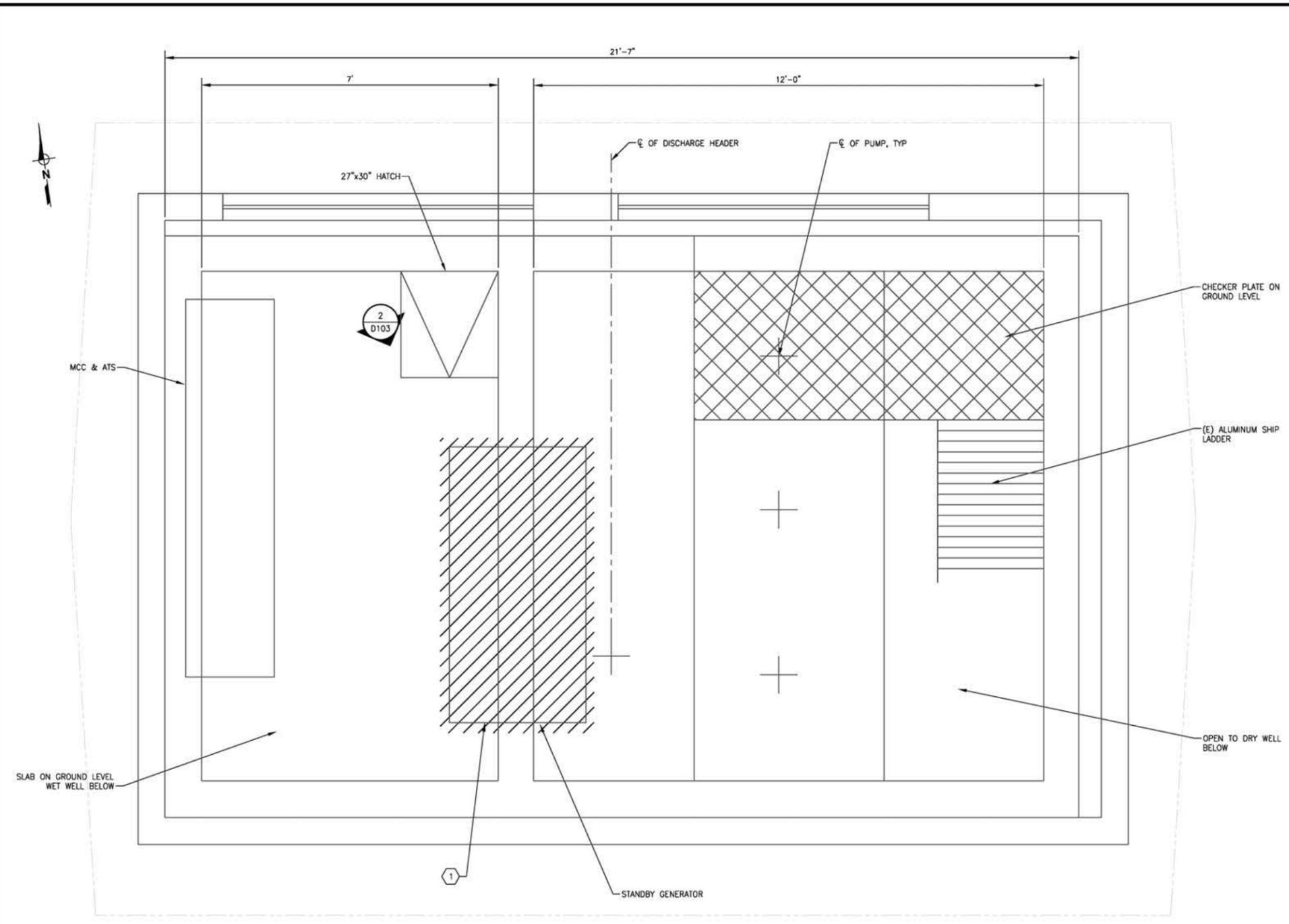
NOTE:
3 INCH CURBE TO BE 10 FOOT BY 10 FOOT CENTERED ON DRAIN.



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				LONGITUDE: XXXXXXX					

IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
CIVIL PHOTOS

SHEET
C112
16 OF 23



KEY NOTES:
 1 REMOVE EXISTING STANDBY GENERATOR AND ASSOCIATED WIRING AND APPURTENANCES. REMOVE CONCRETE PAD TO FLUSH WITH FINISHED GRADE. REMOVE ALL PIPING AND ASSOCIATED APPURTENANCES CONNECTED TO GENERATOR.

EXISTING PUMP STATION NO. 3
 PLAN
 SCALE: 3/4"=1'-0"



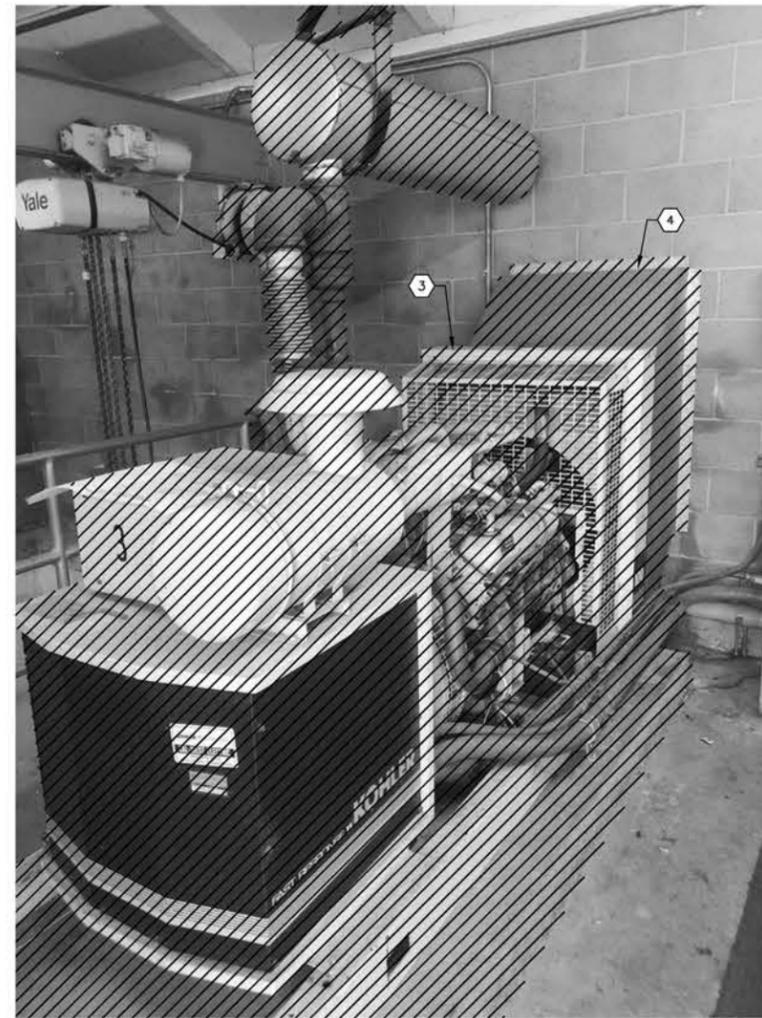
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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
EXISTING PUMP STATION NO. 3 DEMOLITION PLAN

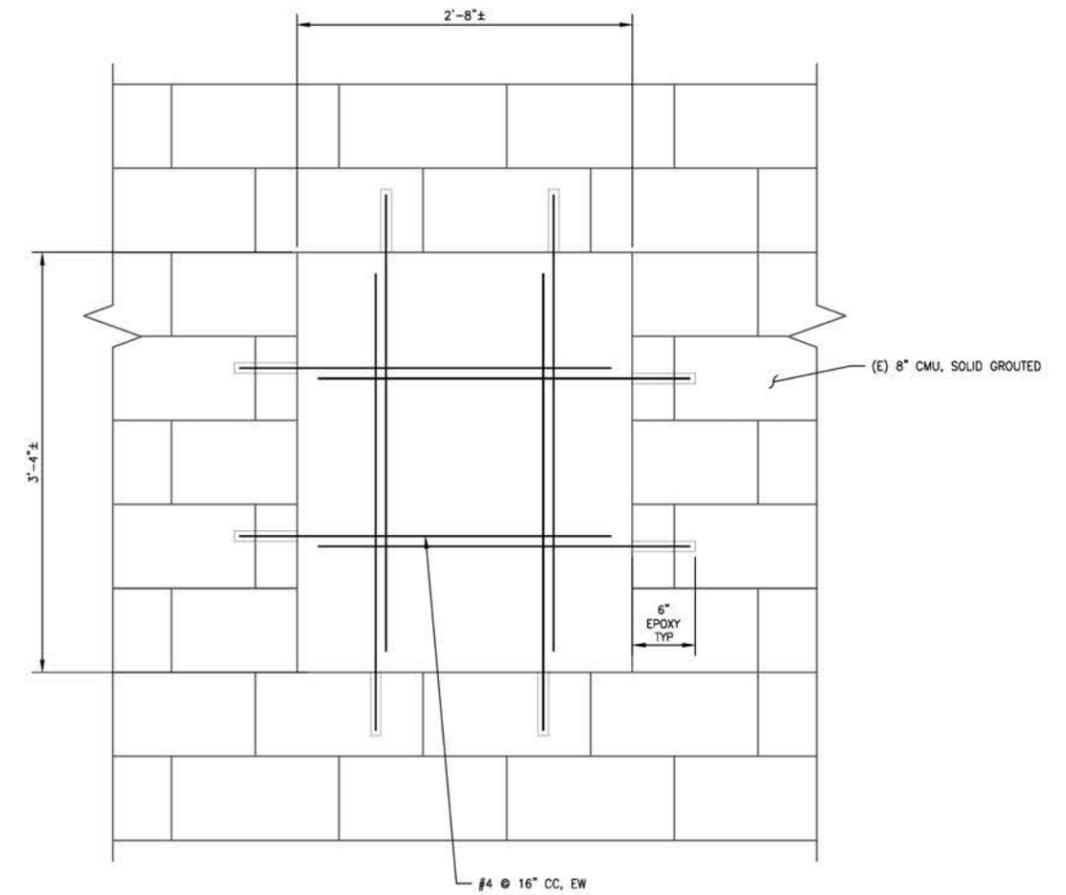
SHEET
D102
 20 OF 23



INFLUENT JUNCTION BOX AND NATURAL GAS SYSTEM
PHOTO DETAIL 5
D101



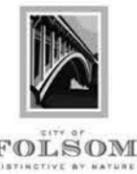
STANDBY GENERATOR
PHOTO DETAIL 2
D102



PUMP STATION WALL INFILL
DETAIL 1
D103
SCALE: 1.5"=1'-0"

KEY NOTES:

- 1 REMOVE ENTIRE INFLUENT VAULT, FLUSH WITH GRADE, AND METAL HATCH.
- 2 EXISTING NATURAL GAS SHALL BE DISCONNECTED AND CAPPED AFTER METER. COORDINATE WITH PG&E WITH GAS SHUTOFF.
- 3 REMOVE EXISTING STANDBY GENERATOR. REMOVE EXHAUST DUCT, SILENCER AND LOUVER. REMOVE CONDUIT BACK TO MCC.
- 4 FILL LOUVER GAP WITH INFILL WALL PER 1
D103

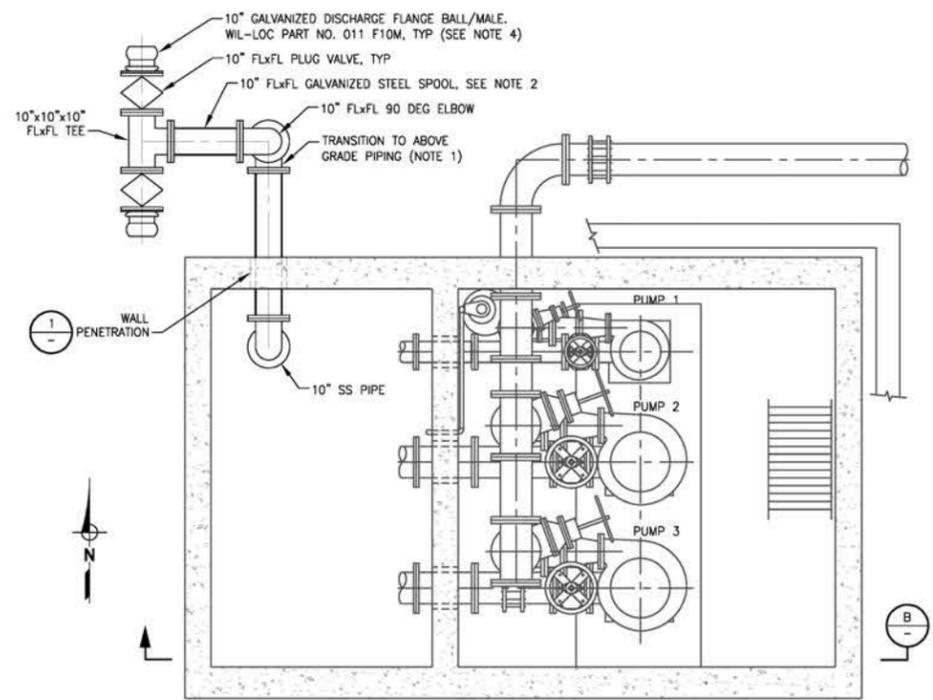


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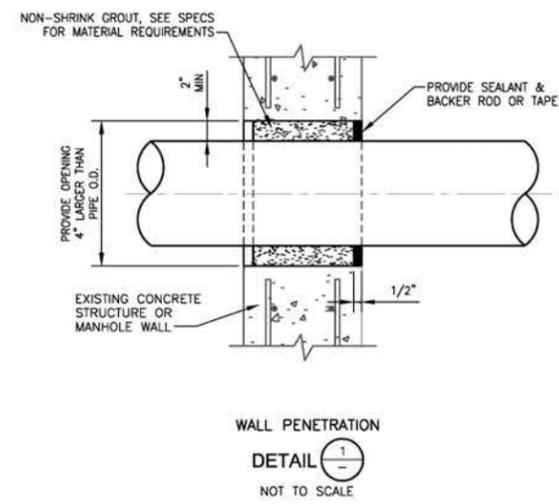
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IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
EXISTING PUMP STATION NO. 3 DEMOLITION PHOTOS

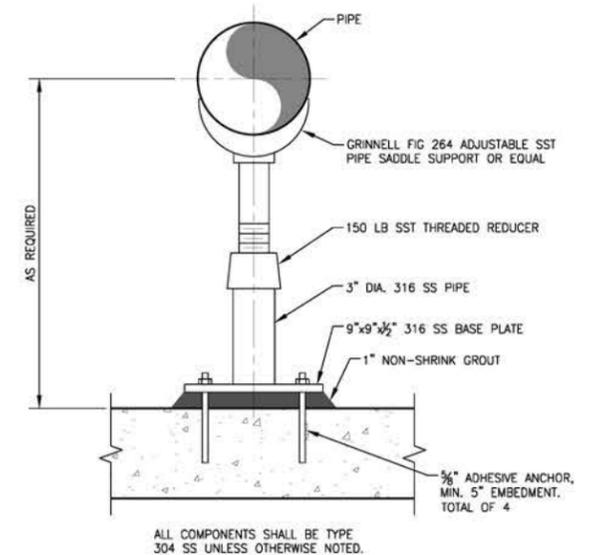
SHEET
D103
21 OF 23



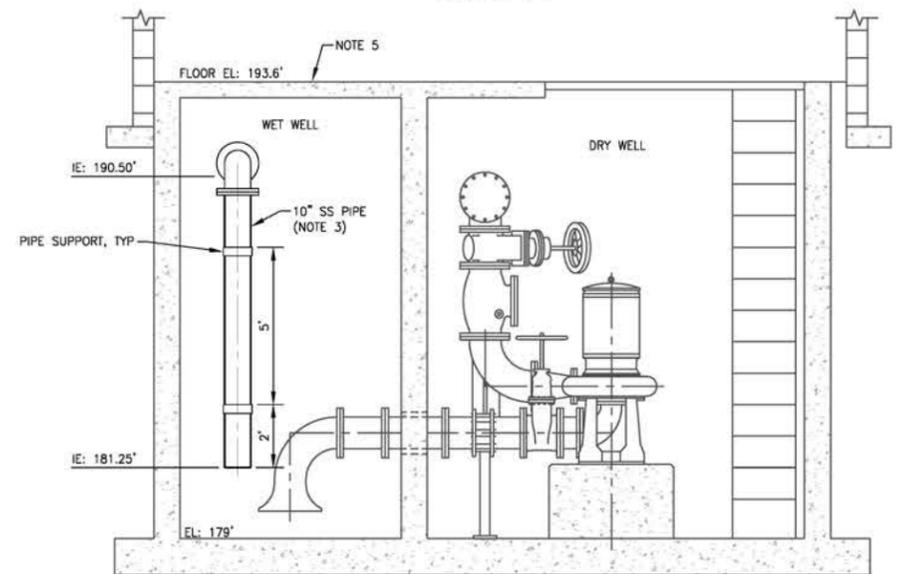
DISCHARGE PIPING
PLAN
SCALE: 3/8"=1'-0"



WALL PENETRATION
DETAIL 1
NOT TO SCALE

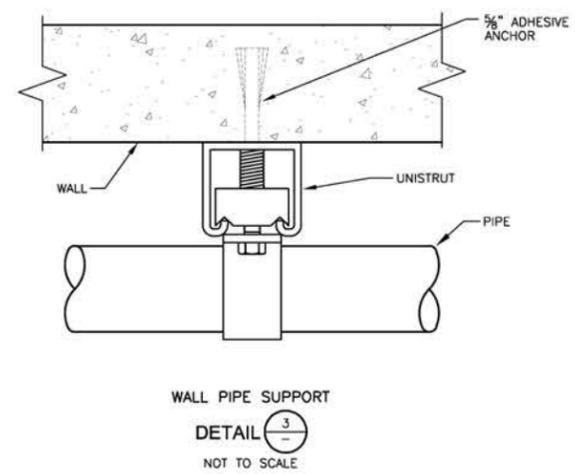


PIPE SUPPORT
DETAIL 2
NOT TO SCALE



PUMP 2 AND 3 SUCTION AND DISCHARGE
SECTION B
SCALE: 3/8"=1'-0"

- NOTES:
1. AT TRANSITION FROM BELOW GRADE TO ABOVE GRADE PIPING, INSTALL RISER CLAMP AROUND 10" STAINLESS STEEL PIPE PRIOR TO TRANSITIONING TO GALVANIZED STEEL PIPE. INSTALL INSULATING FLANGE BETWEEN GALVANIZED STEEL PIPE AND STAINLESS STEEL PIPE.
 2. INSTALL PIPE SUPPORT UNDER 10" SPOOL (DETAIL 2).
 3. INSTALL WALL PIPE SUPPORTS IN WET WELL TO SUFFICIENTLY SUPPORT 10" STAINLESS STEEL PIPING (DETAIL 3). PIPE SUPPORTS SHALL BE NO MORE THAN 5' APART ON PIPE AND WITHIN 2' OF BENDS AND PIPE TERMINATION.
 4. INSTALL END CAP ON WIL-LOC DISCHARGE CONNECTION, TYP 2. GALVANIZED A-STYLE END CAP SOCKET/FEMALE, WIL-LOC PART NO. 101 EC10, TYP 2.



WALL PIPE SUPPORT
DETAIL 3
NOT TO SCALE



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				DATE: DATE	R.C.E. C89471 DATE: 6/24/2022	R.C.E. C60715 DATE: 6/20/2022	

IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
PUMP STATION PIPING PLANS AND SECTIONS

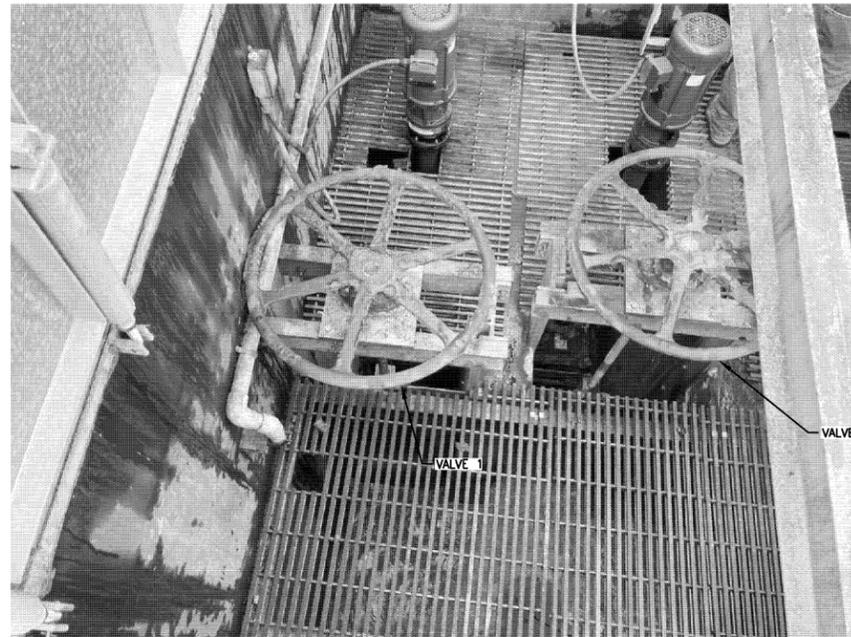


PHOTO DETAIL PH-1

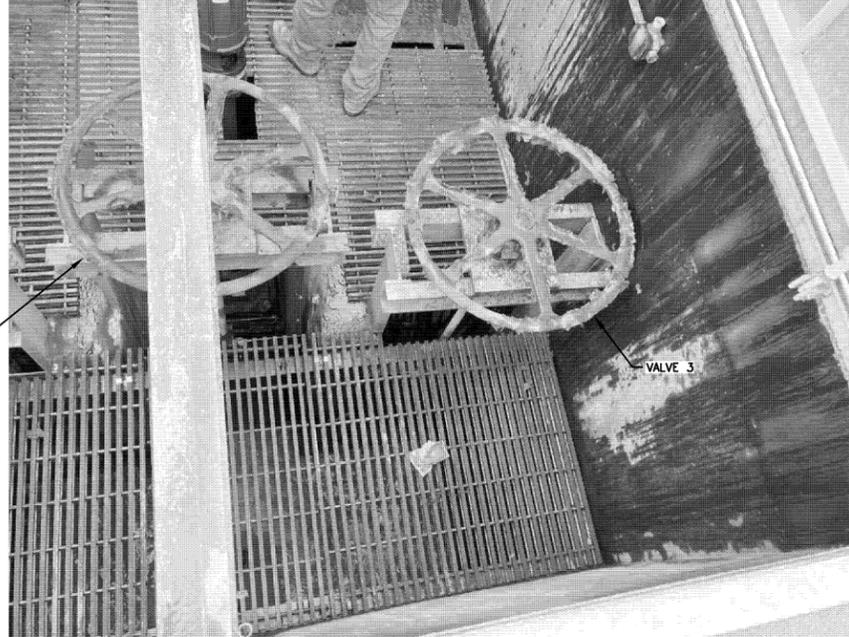


PHOTO DETAIL PH-2

GENERAL NOTES:

1. HAND WHEELS (3) TO BE REPLACED.
2. MANUAL GATE OPERATORS: PROVIDE HANDWHEEL TYPE OPERATORS MEETING REQUIREMENTS OF AWWA C561 PERTAINING TO MANUAL LIFTING DEVICES.
 - a. HANDWHEEL TYPE OPERATORS: NON-GEARED.
3. PUMP STATION 2 LOCATION: 910 RIVER WAY, FOLSOM, CA. 95630.



CITY OF FOLSOM
DISTINCTIVE BY NATURE

REVISIONS				BENCH MARK DESCRIPTION	ELEV. XXXX	FIELD BOOK	DRAWN BY: SMB			DESIGN BY: DS			CHECKED BY: TDH		
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							HORIZ. NA								
							VERT. NA								

IMPROVEMENT PLANS FOR
GREENBACK SEWER AND LIFT STATION NO. 3 PROJECT
HAND WHEEL REHABILITATION

SHEET
M102
23 OF 23