



B R O W N S V I L L E
PUBLIC UTILITIES BOARD

Date: November 16, 2023
To: All Vendors
Subject: Addendum #3

REFERENCE: B012-24 Town Resaca Watershed Project

This Addendum forms part of the contract and clarifies, corrects or modifies original bid document.

See attached Revisions to the Construction Plans

The signature of the company agent, for the acknowledgement of this addendum, shall be required. **Complete information below and return via e-mail to: dsolitaire@brownsville-pub.com.**

I hereby acknowledge receipt of this addendum.

Company: _____

Agent Name: _____

Agent Signature: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone Number: _____ **E-mail address:** _____

If you have any further questions about the Bid, call 956-983-6366.

BY: *Diane Solitaire*
Purchasing

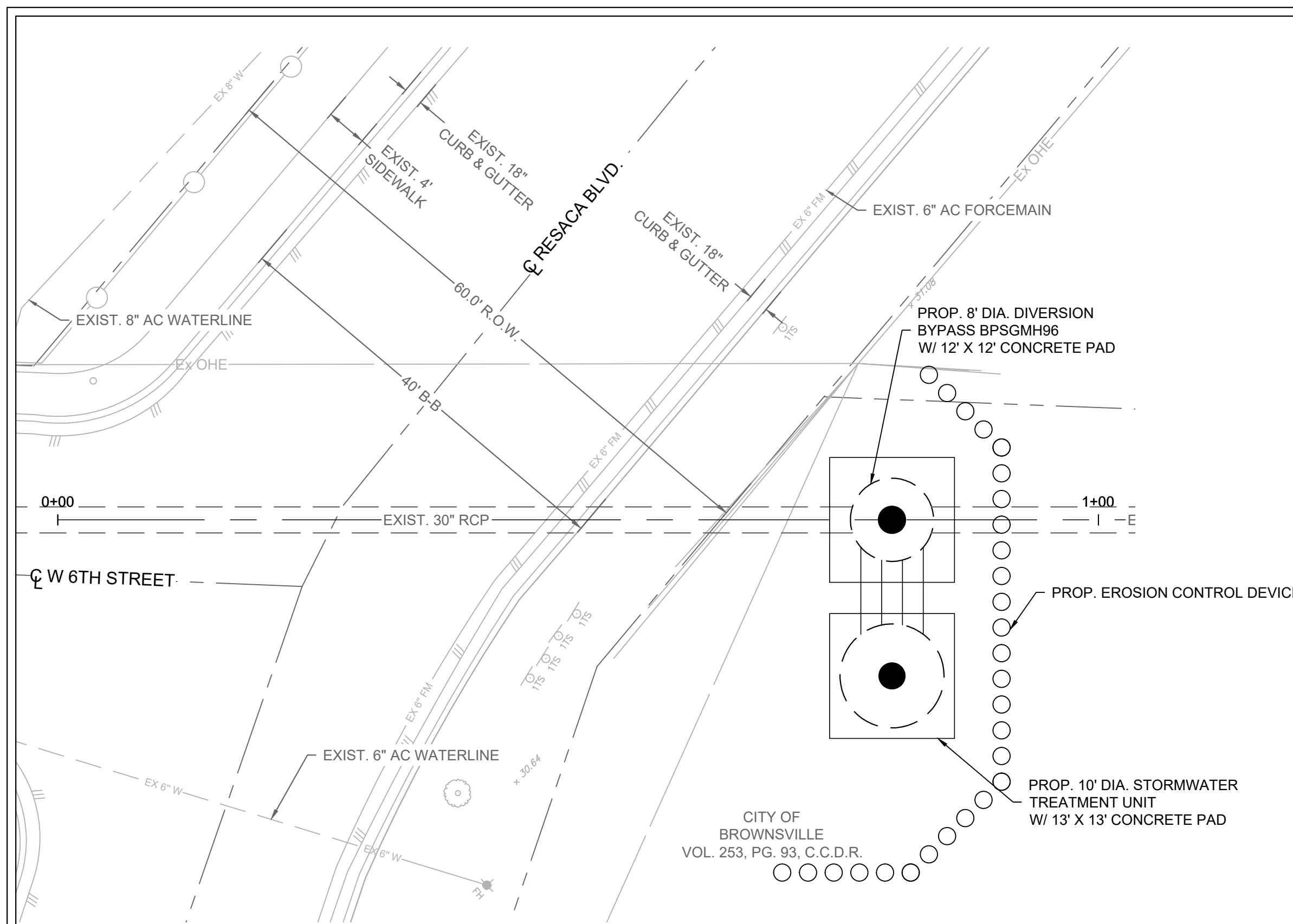
Project Addendum No.3

Project:	Brownsville PUB – Town Resaca Watershed Project (RESTORE) BPUB Bid No. B012-24	Addendum Date:	November 16, 2023
From:	John W. Clint, PE	Project No.:	42947.001

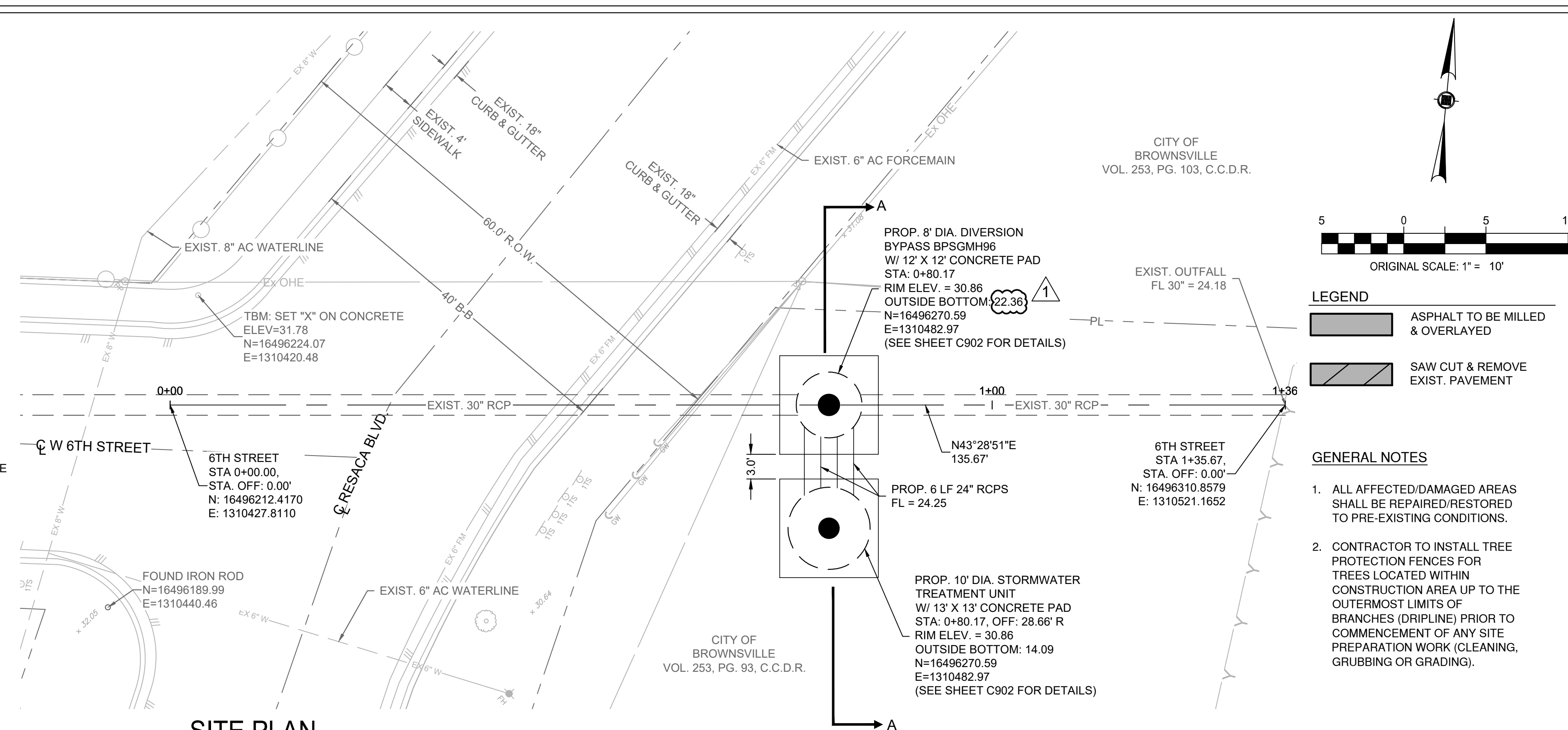
ADDENDUM No. 3

Revisions to Construction Plans

1. Revised Diversion Bypass BPSGMH96 outside bottom in sheet C507.
2. Revised Diversion Bypass BPSGMH96 detail in sheet C902.



EROSION & SEDIMENTATION CONTROL PLAN

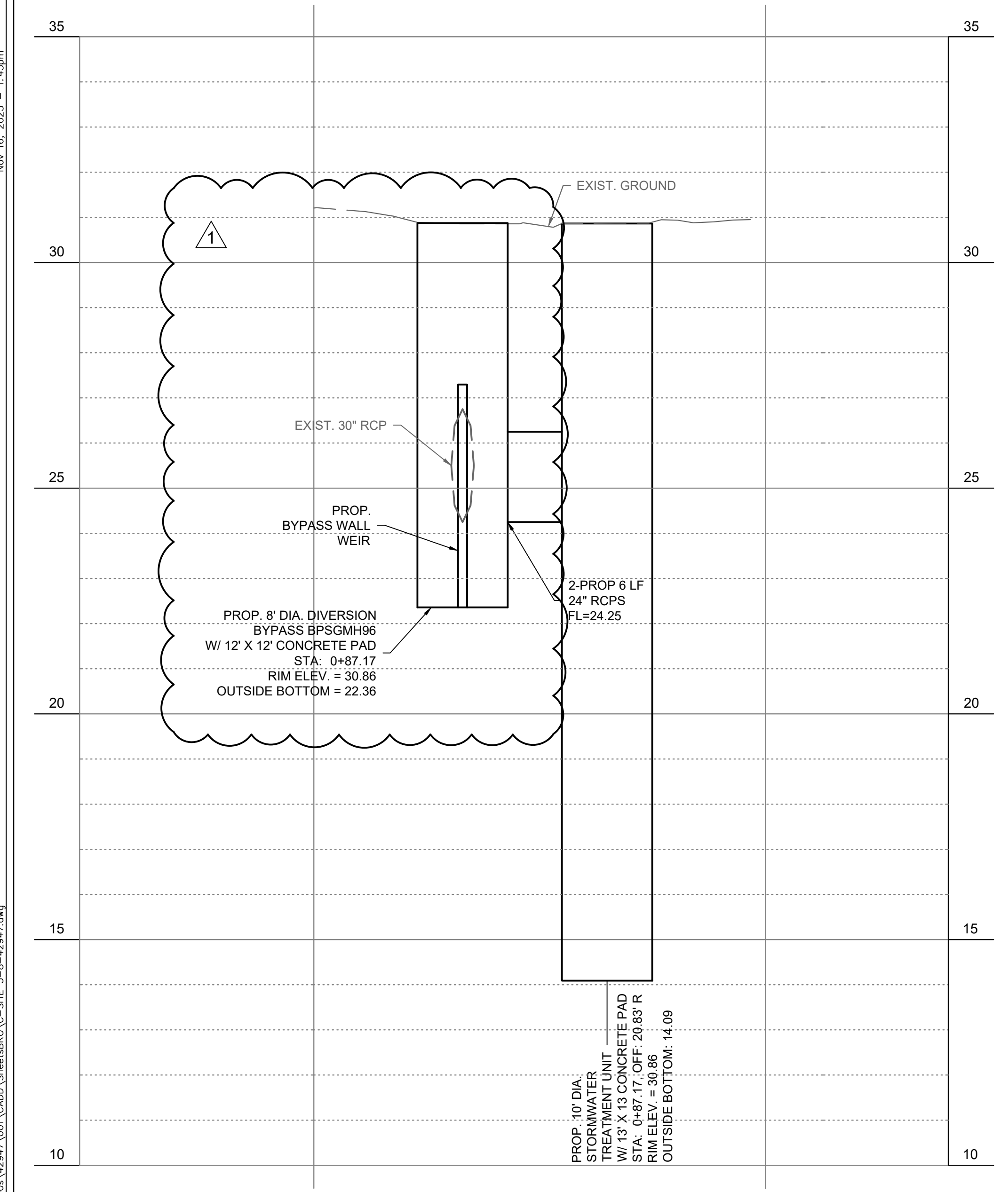


SITE PLAN

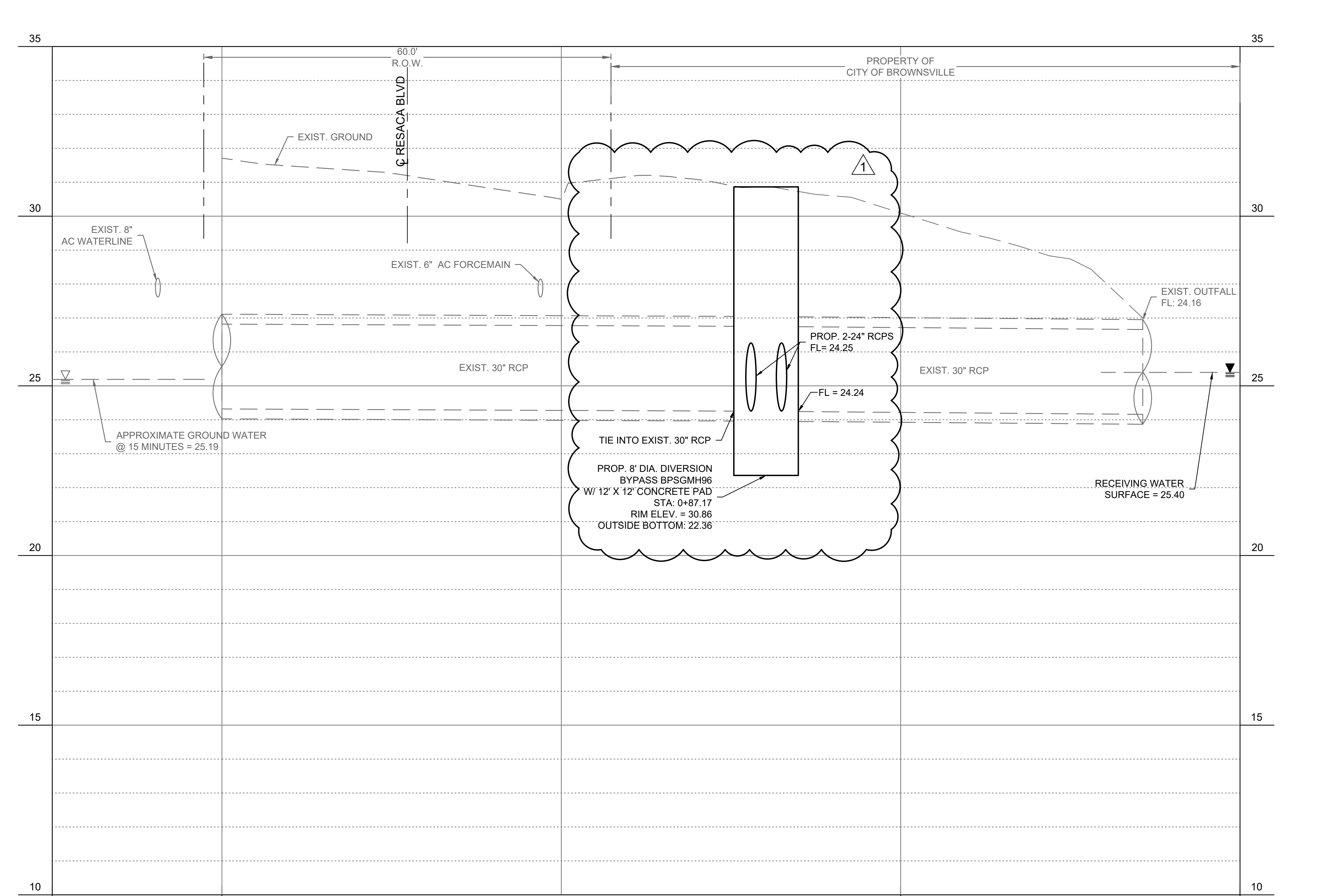


- LEGEND**
- ASPHALT TO BE MILLED & OVERLAYED
 - SAW CUT & REMOVE EXIST. PAVEMENT

- GENERAL NOTES**
- ALL AFFECTED/DAMAGED AREAS SHALL BE REPAIRED/RESTORED TO PRE-EXISTING CONDITIONS.
 - CONTRACTOR TO INSTALL TREE PROTECTION FENCES FOR TREES LOCATED WITHIN CONSTRUCTION AREA UP TO THE OUTERMOST LIMITS OF BRANCHES (DRIPLINE) PRIOR TO COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEANING, GRUBBING OR GRADING).



SECTION A-A

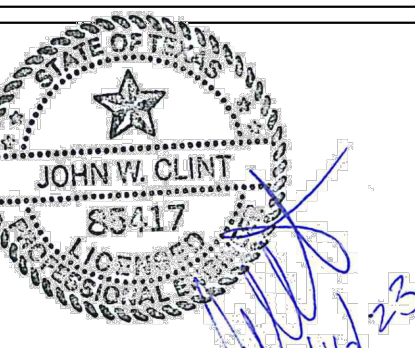


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BROWNSVILLE PUB
TOWN RESACA WATERSHED PROJECT
 BROWNSVILLE, TEXAS



Revision No.	Date	Description
1	11/16/2023	ADDENDUM NO. 3



Project No.:	42947.001
Issued:	6/26/2023
Drawn By:	MH
Checked By:	JWC
Scale:	AS NOTED
Sheet Title	RESACA BLVD (SITE 7 P&P)
Sheet Number	C507

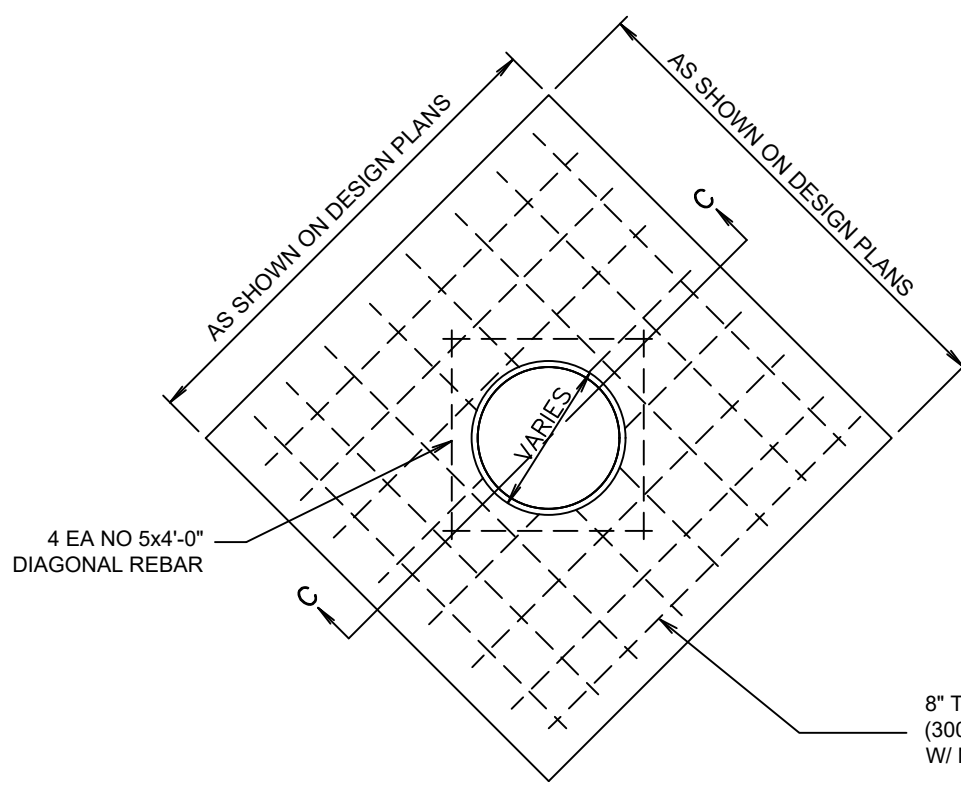
- GENERAL NOTES**
- THE SYSTEMS PROVIDED IN DRAWINGS AND SPECIFICATIONS WERE DESIGNED AROUND CONTECH STORMGATE, SCICLONE, CDS, AND BYPASS WATER QUALITY STRUCTURES. ANY DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS OR ADDITIONAL PROVISIONS REQUIRED TO MEET THE CONTRACT DOCUMENTS AS A RESULT OF USING OTHER MANUFACTURER'S SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS THAT MAY BE BORNE UPON THE OWNER, CITY OR ENGINEER TO QUALIFY ANOTHER MANUFACTURER. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
 - FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH REPRESENTATIVE. WWW.CONTECHES.COM
 - STORMGATE, SCICLONE, CDS, AND BYPASS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THE DRAWINGS.
 - STORMGATE STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' (1524), AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
 - STORMGATE STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C857, ASTM C918 AND ACI-318 LOAD FACTOR DESIGN METHOD
 - BYPASS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.
 - WEIR FRAME AND ADJUSTABLE WEIR PLATE SHALL BE FABRICATED OF ALUMINUM ALLOY ASTM B209, T-5052, T-6061. PROVIDED AND INSTALLED BY CONTECH.
 - IF REQUIRED, PVC HYDRAULIC SHEAR PLATE, PROVIDED BY CONTECH, IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER.
 - SCICLONE & CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.
 - INTERNAL COMPONENTS TO BE INSTALLED ON SITE BY CONTECH FIELD CONSULTANT. CONTRACTOR TO COORDINATE ADEQUATE LEAD TIME WITH CONTECH FOR INSTALLATION.
 - ENGINEER OF RECORD RESPONSIBLE FOR CONFIRMING ELEVATION OF ADJUSTABLE WEIR PANEL AND PRECAST WALL ACCORDING TO PRODUCTS TO BE INSTALLED ON THE PRODUCT.
 - ALTERNATE UNITS ARE SHOWN IN [MM].

- TREATMENT UNIT INSTALLATION NOTES**
- TREATMENT UNITS SHALL BE INSTALLED ON A 12-INCH THICK ROCK FOUNDATION EXTENDING 18-INCHES OUTSIDE OF THE STRUCTURE. ROCK FOUNDATION SHALL BE 3'-4" ROUNDED RIVER ROCK OR CRUSHED LIMESTONE.
 - TREATMENT UNITS SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND TO A GRADE OF ONE-FOOT ABOVE ALL CONNECTING PIPES.
 - CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE SCICLONE & CDS MANHOLE STRUCTURE.
 - CONTRACTOR TO ADD BUTYL RUBBER JOINT SEALANT FOR CONCRETE APPLICATIONS BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE. ALSO, ALL BUTT JOINTS (NON-FACTORY CONNECTIONS) SHALL CONNECTED USING A CONCRETE COLLAR AS PER THE DETAIL.
 - CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
 - CONTRACTOR TO INSTALL CONCRETE GRADE RINGS/ RISERS REQUIRED BETWEEN THE FINISHED GRADE AND THE BASE OF THE MANHOLE FRAMES.
 - CONTRACTOR TO ADJUST A STORMGATE WEIR TO DESIGN ELEVATION SPECIFIED IN DRAWING. DO NOT EXCEED 5.0 FT-TORQUE WHEN TIGHTENING SCREWS ON WEIR FRAME. SEAL WEIR TO FRAME WITH SIKAFLEX 1A SEALANT AFTER FINAL ADJUSTMENT.
 - CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATERTIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM.

SITE	TREATMENT UNIT	A		B		C		D		E		F		G		H		I		J	
		FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.
1	SCX-05	1'-2 3/4"	7'-10 3/4"	5'-5"	6'	18	28	2.43	18.35	25	93										
2	SCX-06	6 1/4"	4'-2 1/4"	5'-5"	7'-2"	18	28	2.10	14.77	25	134										
3	SCX-06	1/4"	5'-3 3/4"	5'-5"	7'-2"	24	36	2.79	20.59	25	134										
4	SCX-05	9 1/4"	7'-5 1/4"	5'-5"	6'	18	28	2.59	22.50	25	93										
5	SCX-04	2"	5'-11 1/4"	5'-3"	4'-10"	18	28	1.56	12.52	25	60										
6	SCX-04	5 1/2"	5'-2 1/2"	5'-3"	4'-10"	18	28	1.40	9.65	25	60										
7	CDS5640	1'-3"	6'-9 3/4"	9'-11 1/2"	11'-8"	24	36	12.28	82.67	25											
8	CDS5678	1'-4"	6'-11"	13'-11 1/2"	11'-8"	24	36	27.55	169.71	25											
9	SCX-04	1'-3 4/5"	5'-1"	5'-3"	4'-10"	18	28	1.32	10.43	25	60										
10	SCX-04	6 3/4"	7'-4"	5'-3"	4'-10"	15	24	1.88	14.63	25	60										
11	SCX-04	1'-1"	7'-10"	5'-3"	4'-10"	15	24	0.50	3.92	25	60										
12	SCX-06	9 1/2"	6'-5 1/2"	5'-5"	7'-2"	18	28	5.73	44.64	25	134										

MATERIAL LIST FOR SITES 1-6 & 9-12 PROVIDED BY CONTECH

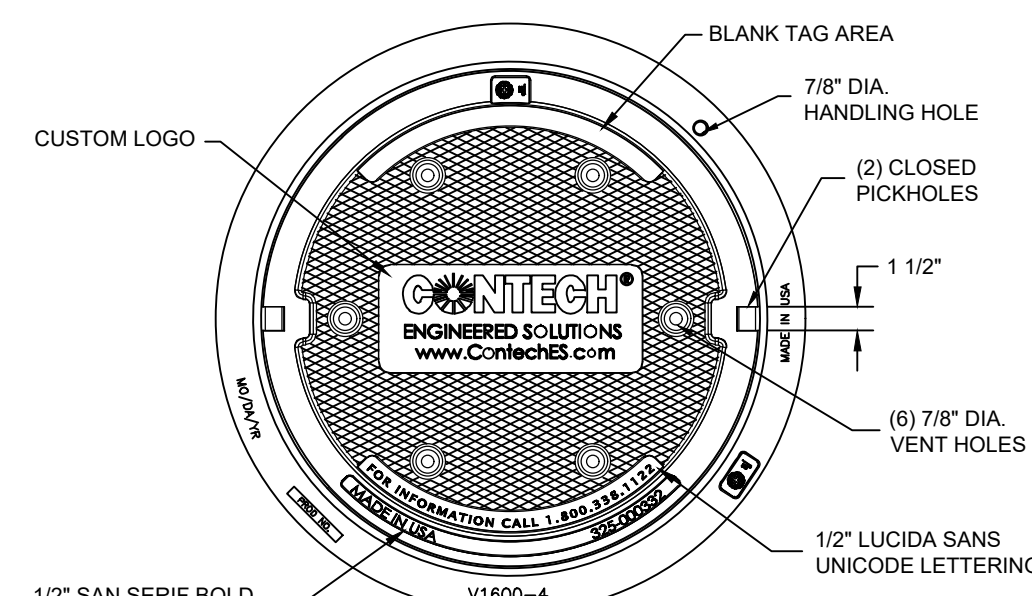
COUNT	DESCRIPTION	INSTALLED BY
1	PP2 PLASTIC SCX-06 INLET WEIR INSERT	CONTECH
1	PP2 PLASTIC SCX-06 OUTLET WEIR INSERT	CONTECH
2	K SCH 40 PVC DOWN PIPE	CONTRACTOR
1	4" TALL SCX-06 PP2 PLASTIC FLOATABLES BAFFLE WALL ASSEMBLY	CONTECH
2	2" x 2" x 3" INLET WEIR INTERIOR BRACKETS	CONTECH
2	2" x 2" x 3" INLET WEIR EXTERIOR BRACKETS	CONTECH
2	2" x 2" x 7" OUTLET WEIR EXTERIOR BRACKETS	CONTECH
1	SEALANT FOR JOINTS	CONTRACTOR
2 P/LC	GRADE RINGS/RISERS	CONTRACTOR
2	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	CONTRACTOR



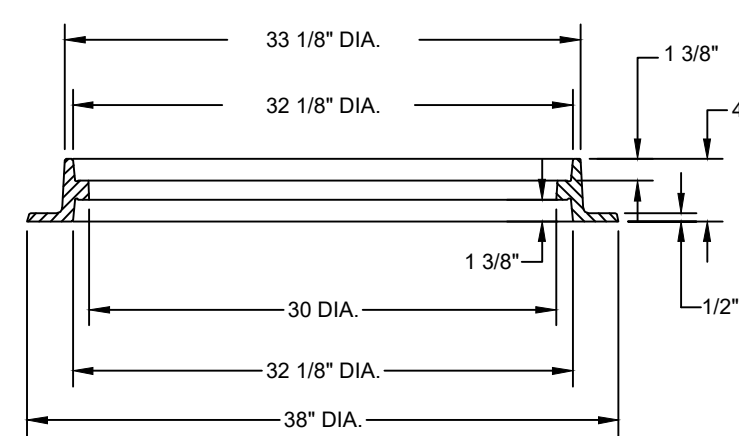
MANHOLE CONCRETE PAD
NOT TO SCALE

SITE DESIGN DATA

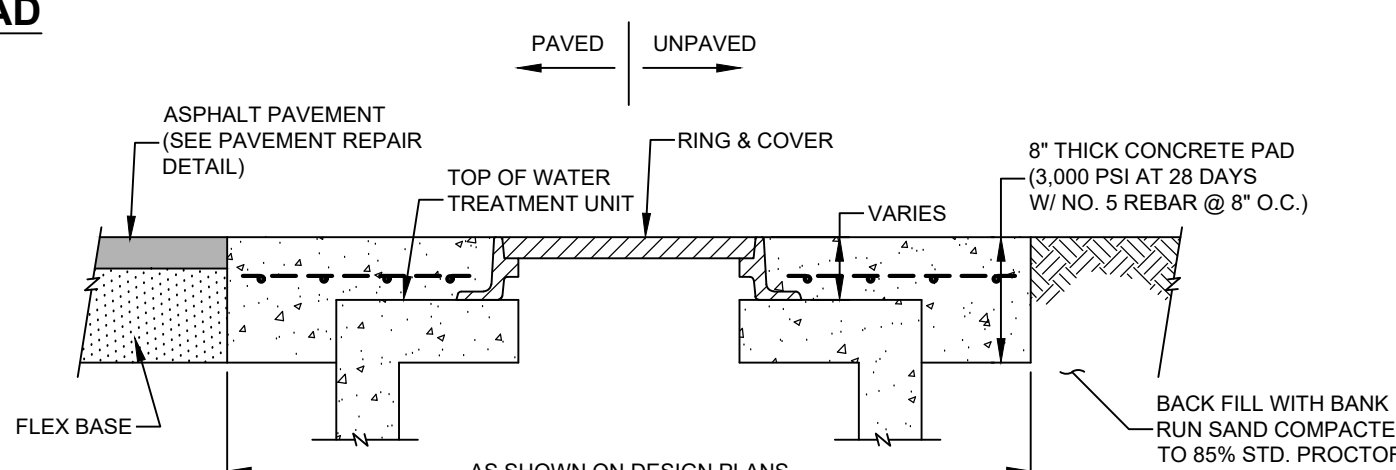
WATER QUALITY	G
FLOW RATE	H
PEAK FLOW RATE	H
RETURN PERIOD OF PEAK FLOW	I
SUMP CHAMBER CAPACITY	J



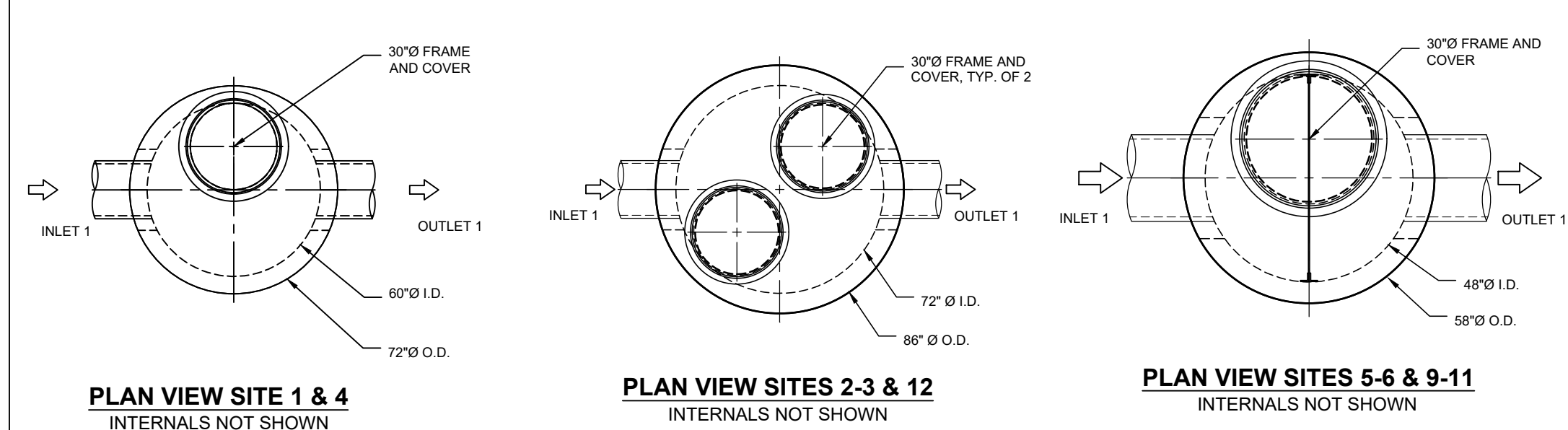
COVER SECTION



FRAME SECTION



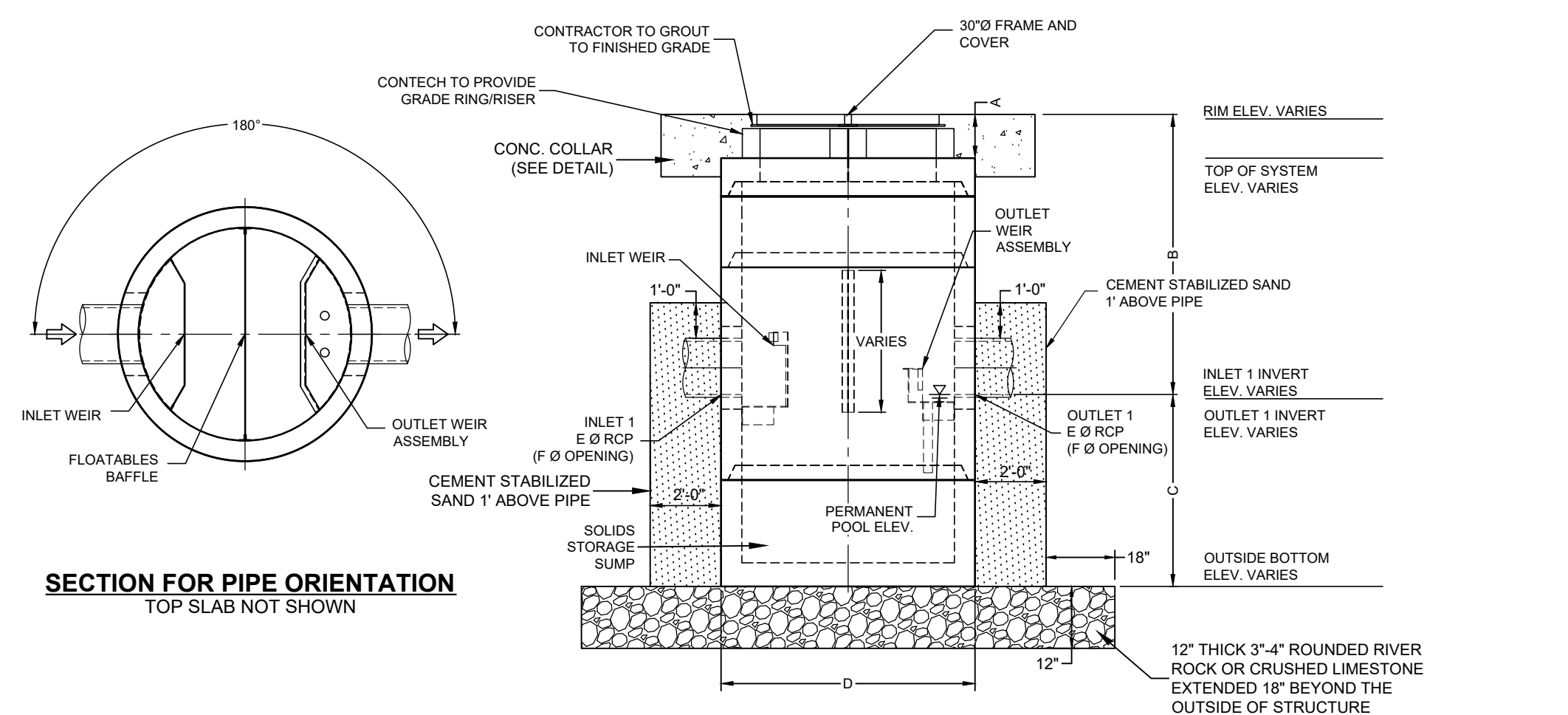
30"Ø X 4" FRAME AND COVER SECTION C-C
NOT TO SCALE



PLAN VIEW SITE 1 & 4
INTERNALS NOT SHOWN

PLAN VIEW SITES 2-3 & 12
INTERNALS NOT SHOWN

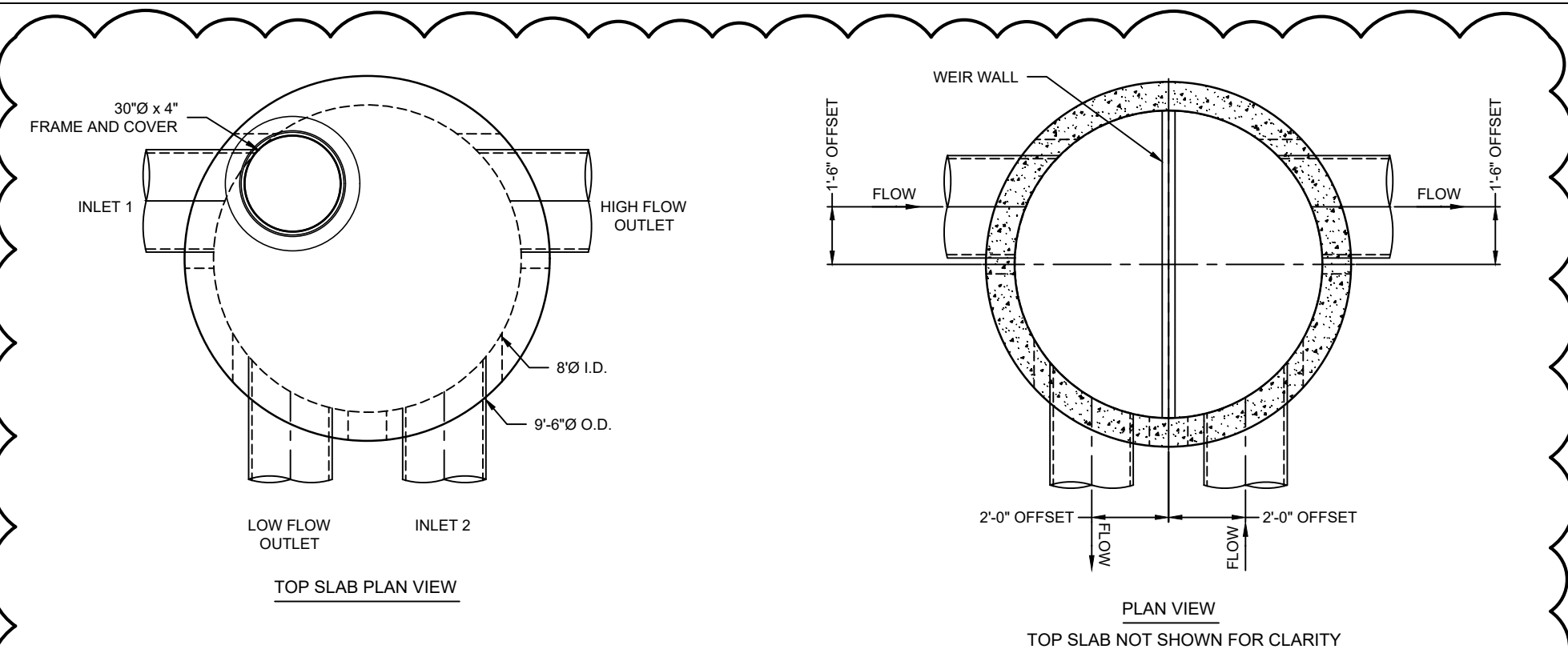
PLAN VIEW SITES 5-6 & 9-11
INTERNALS NOT SHOWN



ELEVATION VIEW

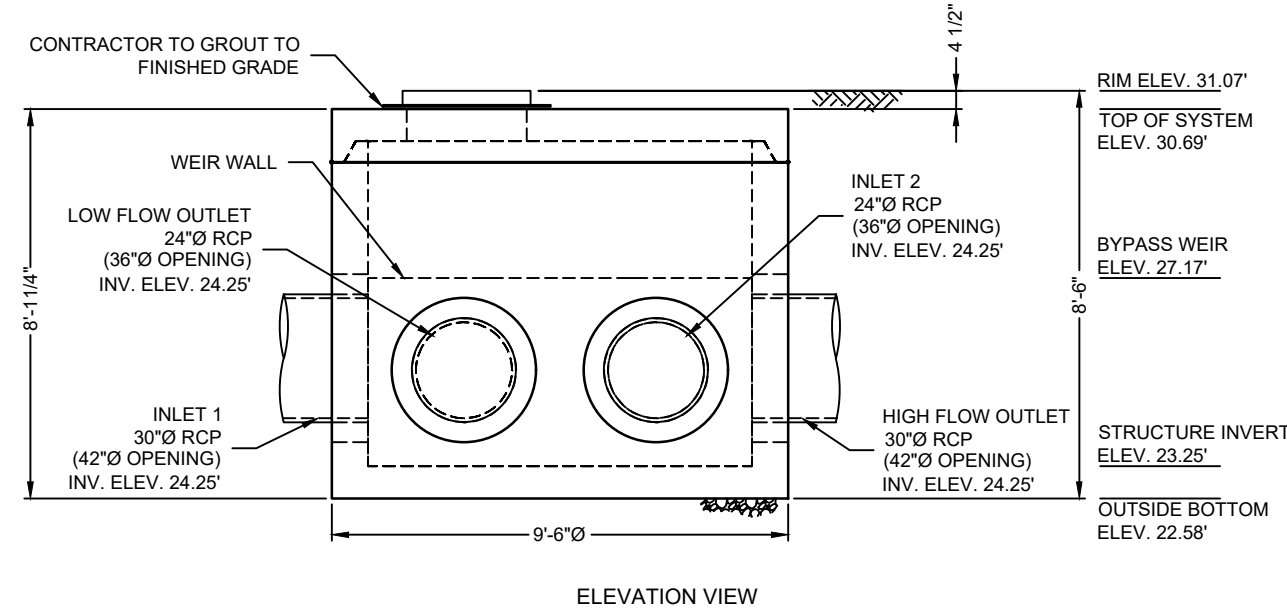
DETAILS FOR SITES 1-6 & 9-12

WATER TREATMENT DETAILS

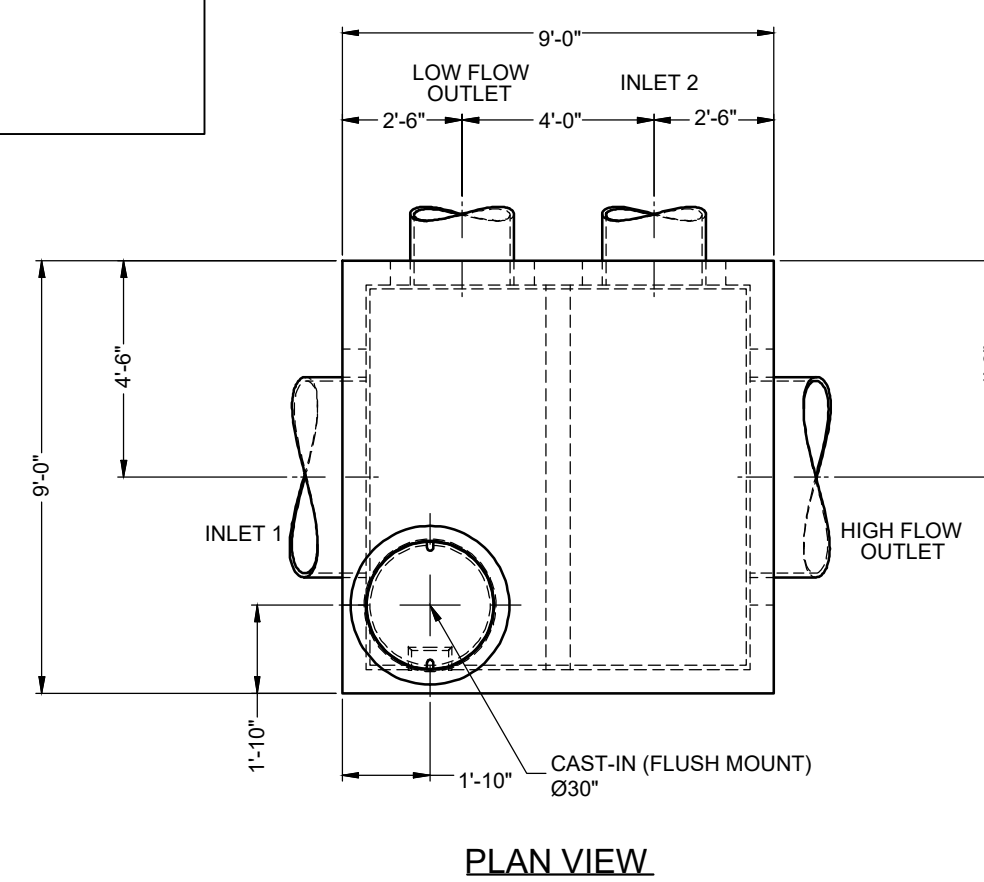


MATERIAL LIST (PROVIDED BY CONTECH)

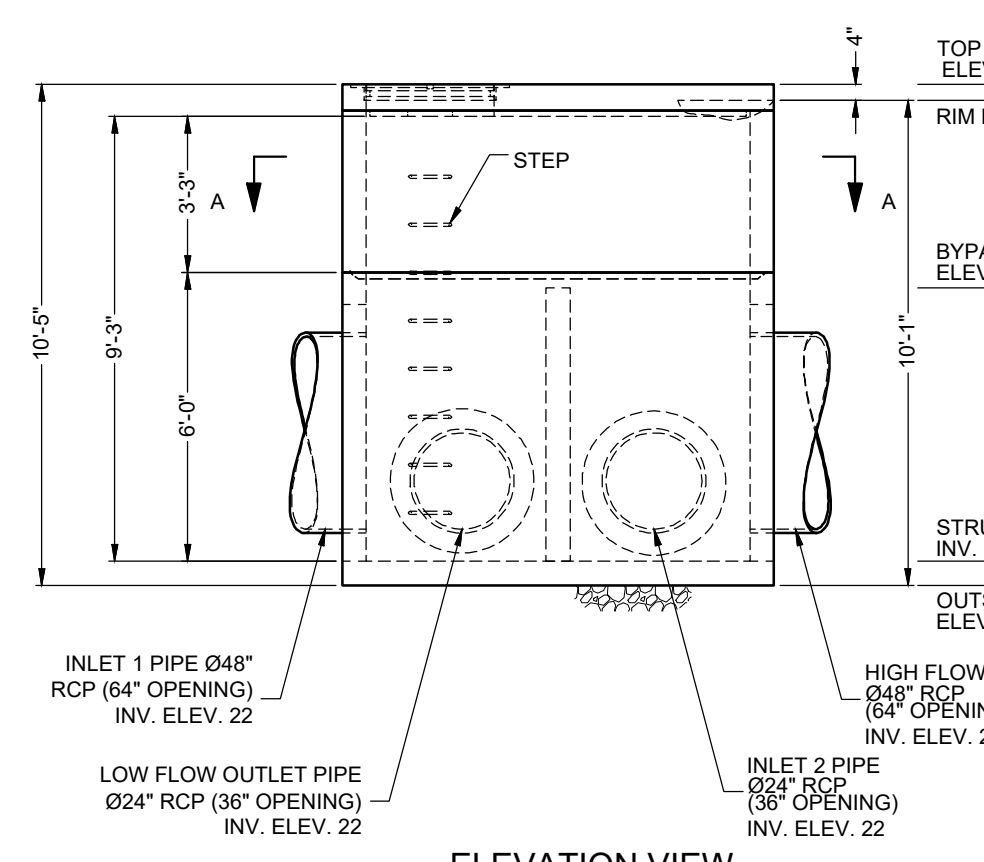
COUNT	DESCRIPTION	INSTALLED BY
1	SEALANT FOR JOINTS	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ#41600483, OR EQUIV.	CONTRACTOR



DIVERSION BYPASS BPSGMH96
SITE 7

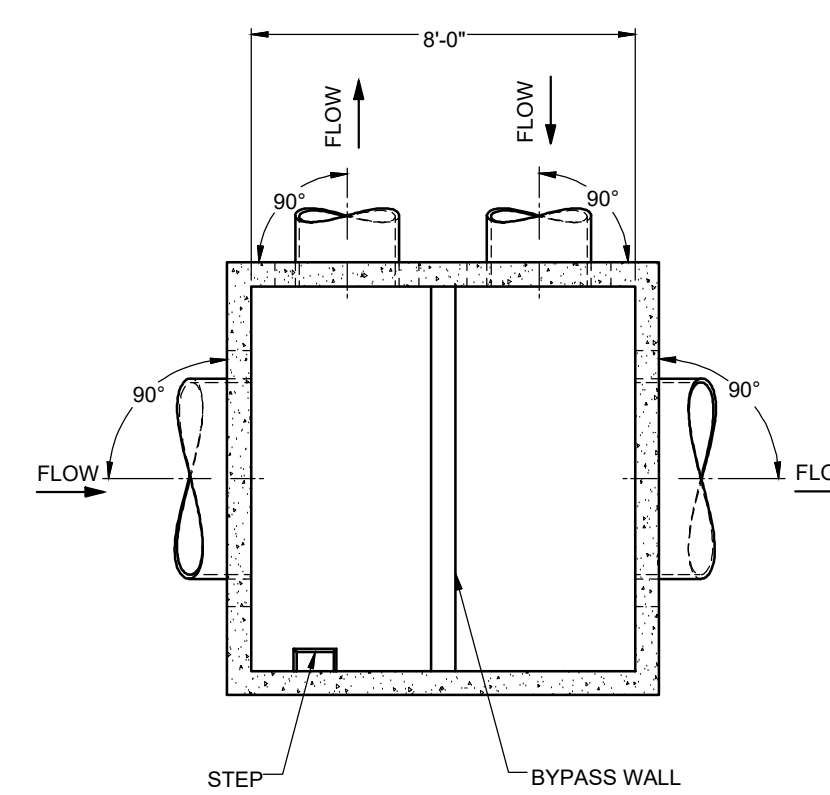


PLAN VIEW



ELEVATION VIEW

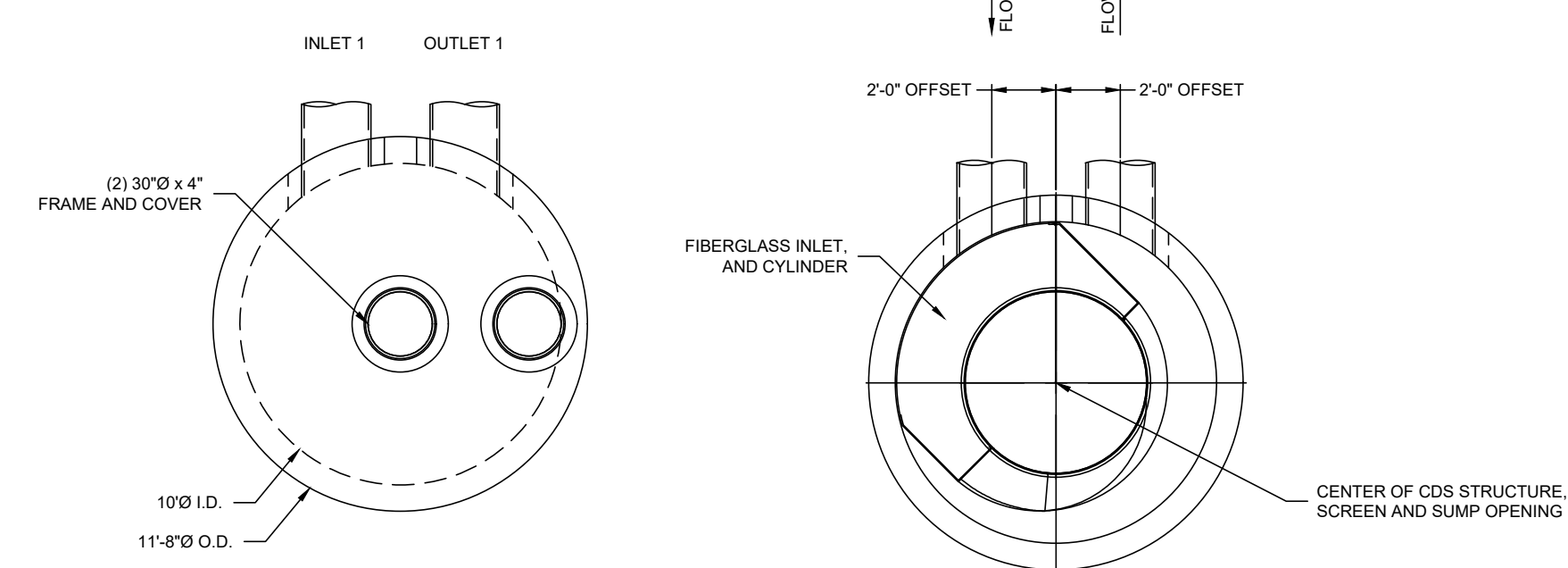
DIVERSION BYPASS SG1012
SITE 8



SECTION A-A

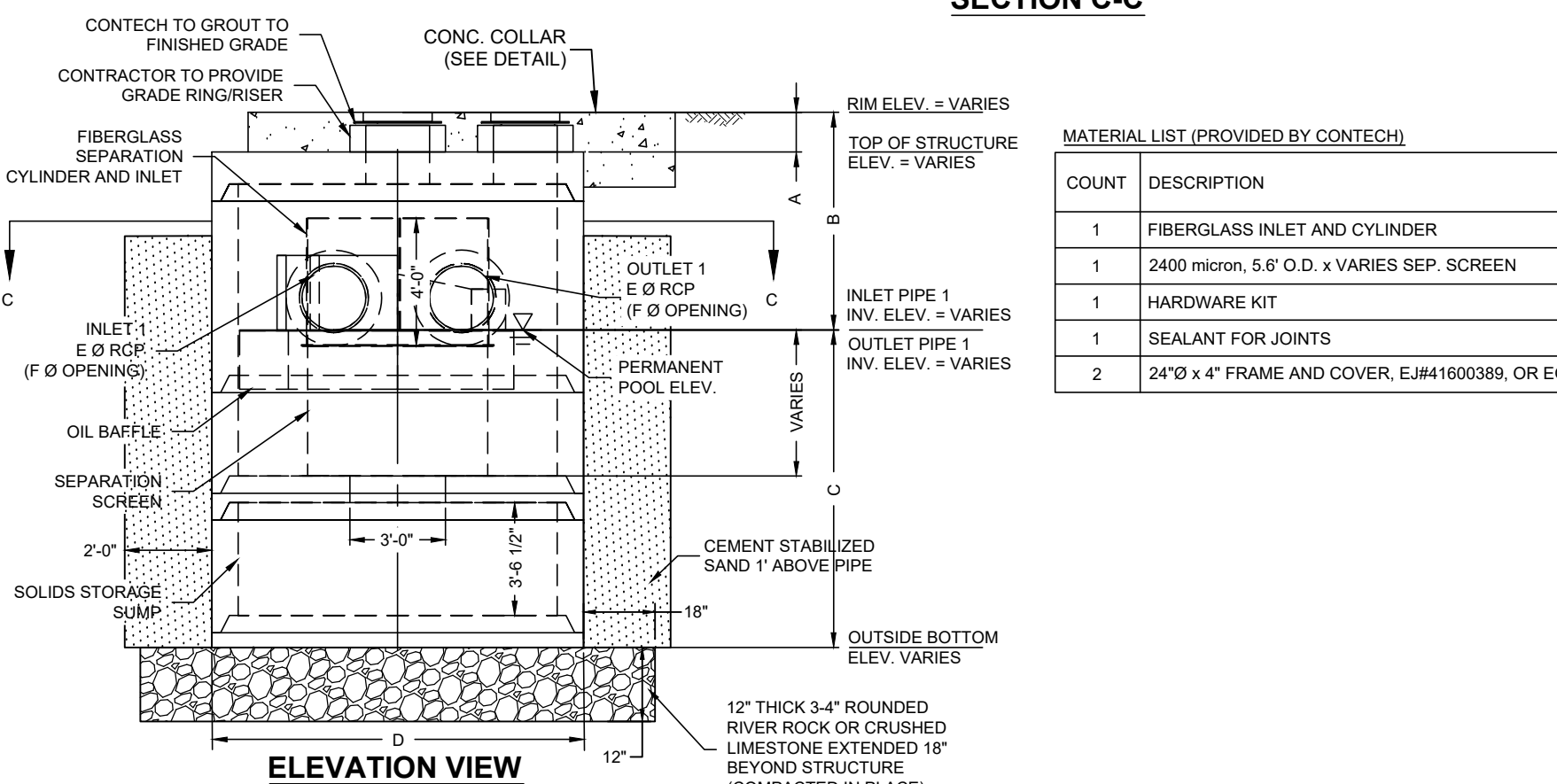
MATERIAL LIST (PROVIDED BY CONTECH)

COUNT	DESCRIPTION	INSTALLED BY
1	JOINT SEALANT	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ#41600483	CONTECH
8	STEPS, P10CTS, BY LANE LADDER, OR EQUIV.	CONTECH



PLAN VIEW

SECTION C-C



ELEVATION VIEW

TREATMENT UNIT DETAILS FOR SITES 7 & 8

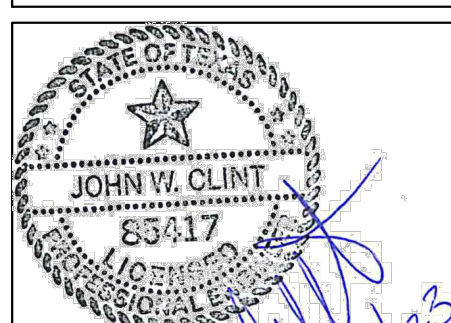
MATERIAL LIST (PROVIDED BY CONTECH)

COUNT	DESCRIPTION	INSTALLED BY
1	FIBERGLASS INLET AND CYLINDER	CONTECH
1	2400 micron, 5'Ø O.D. x VARIES SEP. SCREEN	CONTECH
1	HARDWARE KIT	CONTECH
1	SEALANT FOR JOINTS	CONTRACTOR
2	24"Ø X 4" FRAME AND COVER, EJ#41600389, OR EQUIV.	CONTRACTOR

BROWNSVILLE PUB
TOWN RESACA WATERSHED PROJECT
BROWNSVILLE, TEXAS



Revision No.	Date	Description
1	11/16/2023	ADDENDUM NO.3



Project No.: 42947.001
Issued: 6/26/2023
Drawn By: MH
Checked By: JWC
Scale: AS NOTED
Sheet Title

STORM DRAIN DETAILS

C902
Sheet Number