

PROJECT LOCATION
MIAMI DADE COUNTY

CITY OF CORAL GABLES SEWER EXTENSION FOR ALEXAN CRAFTS SEWER EXTENSION AND PUMP STATION #6

INTERSECTION OF MALAGA AVENUE AND SALZEDO STREET,
ALONG SALZEDO STREET TO CAMILO AVENUE UNTIL PONCE DE LEON BLVD

MAY 2023

PROJECT TEAM:

OWNER/DEVELOPER
MAPLE MULTIFAMILY LAND SE, L.P.
3715 NORTHSIDE PKWY
SUITE 1-200
ATLANTA, GA 30327
770-801-1600

CIVIL ENGINEER
KEVIN E. GERSZUNY, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
2 ALHAMBRA PLAZA, SUITE 500
CORAL GABLES, FLORIDA 33144
(305) 673-2025

SURVEY
LAND SURVEYORS AND MAPPERS
3300 NW 112TH AVENUE SUITE 10
DORAL, FL 33172
305-526-0606
CONTACT: JOSE G. HERNANDEZ

LIST OF CONTACTS:

STORMWATER AND SANITARY
CITY OF CORAL GABLES
SEWER & STORMWATER UTILITIES
2800 SW 72ND AVENUE
MIAMI, FLORIDA 33155
305-460-5017
CONTACT: DAVID GALEANO

ELECTRIC PROVIDER
FLORIDA POWER AND LIGHT
10705 QUAIL ROOSTER DR
MIAMI, FL 33157
386-586-6403
CONTACT: EDGAR AGUILAR

WATER
MIAMI DADE WATER AND SEWER DEPARTMENT
3575 S. LE JEUNE RD.
MIAMI, FLORIDA 33146
786-268-5273
CONTACT: LAZARO GUERRA

CABLE PROVIDER
COMCAST CABLE
2501 SW 145TH AVENUE
MIRAMAR, FL 33322
(954) 447-8405
CONTACT: LEONARD MAXWELL-NEUBOLD

FIRE PREVENTION
CITY OF CORAL GABLES FIRE DEPARTMENT
2815 SALZEDO STREET
CORAL GABLES, FLORIDA 33134
305-460-5536
CONTACT: MARCOS DE LA ROSA, FIRE CHIEF

TELECOMMUNICATION PROVIDER
HOTWIRE COMMUNICATIONS
3870 PEMBROKE ROAD
HOLLYWOOD, FL 33021

ENGINEERING
CITY OF CORAL GABLES PUBLIC WORKS DEPARTMENT
2800 SW 72ND AVE
MIAMI, FL 33155
305-460-5000
CONTACT: HERMES DIAZ

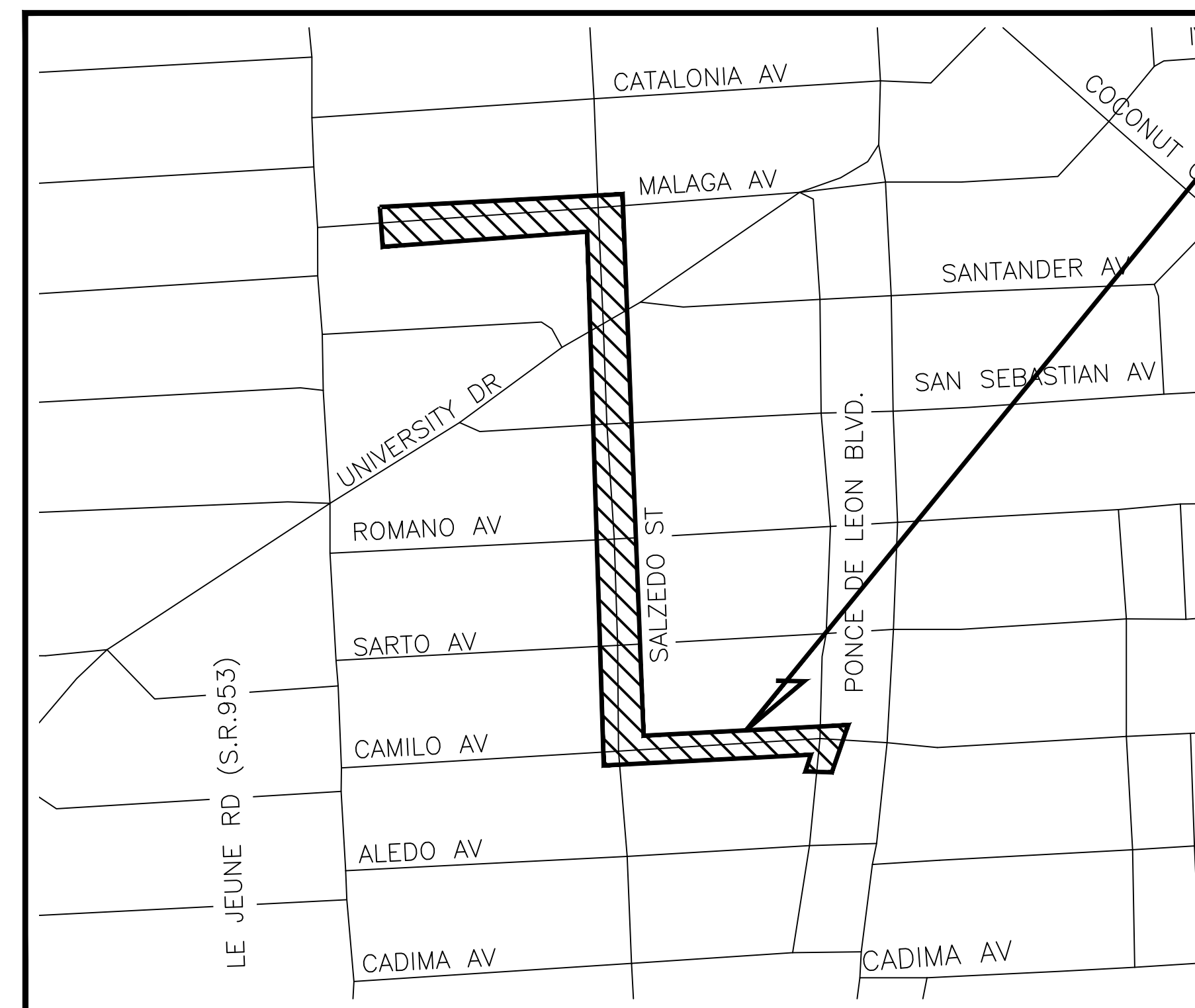
TELECOMMUNICATION PROVIDER
CROWN CASTLE
1601 NW 136TH AVENUE, SUITE A-200
SUNRISE, FL 33323

NATURAL GAS PROVIDER
FLORIDA CITY GAS
4045 NW 97TH AVE
DORAL, FL 33178
305-835-3624
CONTACT: GUSTAVO PENA

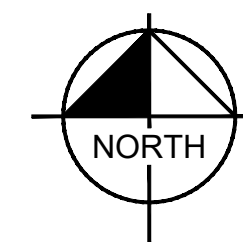
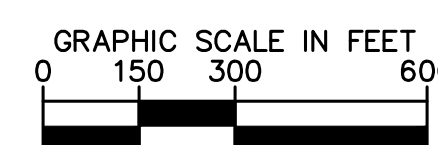
PLANNING AND ZONING
CITY OF CORAL GABLES PLANNING AND ZONING DIVISION
427 BILTMORE WAY
CORAL GABLES, FL 33134
305-460-5215
CONTACT: RAMON TRIAS

TRAFFIC
MIAMI-DADE COUNTY
PUBLIC WORKS AND TRAFFIC DEPARTMENT
13284 SW 120TH ST
MIAMI FL, 33186
305-412-0891 EXT:102
CONTACT: OCTAVIO VIDAL

BUILDING DIVISION
CITY OF CORAL GABLES
405 BILTMORE WAY 3RD
CORAL GABLES, FL 33134
305-460-5245



VICINITY MAP



CIVIL ENGINEER:
Kimley»Horn

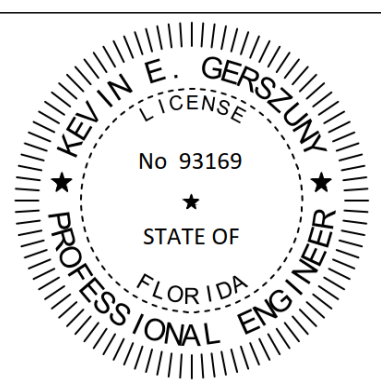
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2 ALHAMBRA CIRCLE, SUITE 500, CORAL GABLES, FL 33134
PHONE: 305-673-2025
WWW.KIMLEY-HORN.COM REGISTRY 35106

PROJECT LOCATION

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
CS	COVER SHEET
SS-01	GENERAL NOTES
SS-02	GENERAL SEWER NOTES
SS-03	SANITARY SEWER DETAILS
SS-04	EROSION CONTROL NOTES
SS-05	EROSION CONTROL DETAILS
SS-06	KEYMAP
C-01	SANITARY SEWER PLANSHEET
C-02	SANITARY SEWER PLANSHEET
C-03	SANITARY SEWER PLANSHEET
C-04	SANITARY SEWER PLANSHEET
C-05	SANITARY SEWER PLANSHEET
C-06	PUMP STATION SITE PLAN
M-01	DEMOLITION PLAN AND SECTION VIEW
M-02	PUMP STATION DEMOLITION DETAILS
M-03	PROPOSED LIFT STATION PLAN
M-04	PROPOSED SECTION VIEWS
M-05	PUMP DETAIL SHEET
E-1	ELECTRICAL GENERAL NOTES
E-2	ELECTRICAL SITE PLAN AND NOTES
E-3	POWER AND WIRING SCHEDULE
E-4	CONTROL PANEL ELEVATION AND MISC. EQUIPMENT
E-5	CONTROL WIRING DIAGRAM
E-6	S.C.A.D.A. MULTISMART WIRING DIAGRAM
L-100	TREE DISPOSITION PLAN
L-150	TREE DISPOSITION NOTES AND DETAILS

This item has been digitally signed and sealed by Kevin E. Gerszuny, P.E. on 05/16/2023. Printed copies of this document are not considered signed and sealed. Electronic signatures must be verified on any electronic copies.

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KHA PROJECT: 043904007
DATE: 5/16/2023
SCALE: AS SHOWN
DESIGNED BY: KEG
DRAWN BY: CDT
CHECKED BY:

CITY OF CORAL GABLES
PUMP STATION CITY NO. 6
IMPROVEMENTS

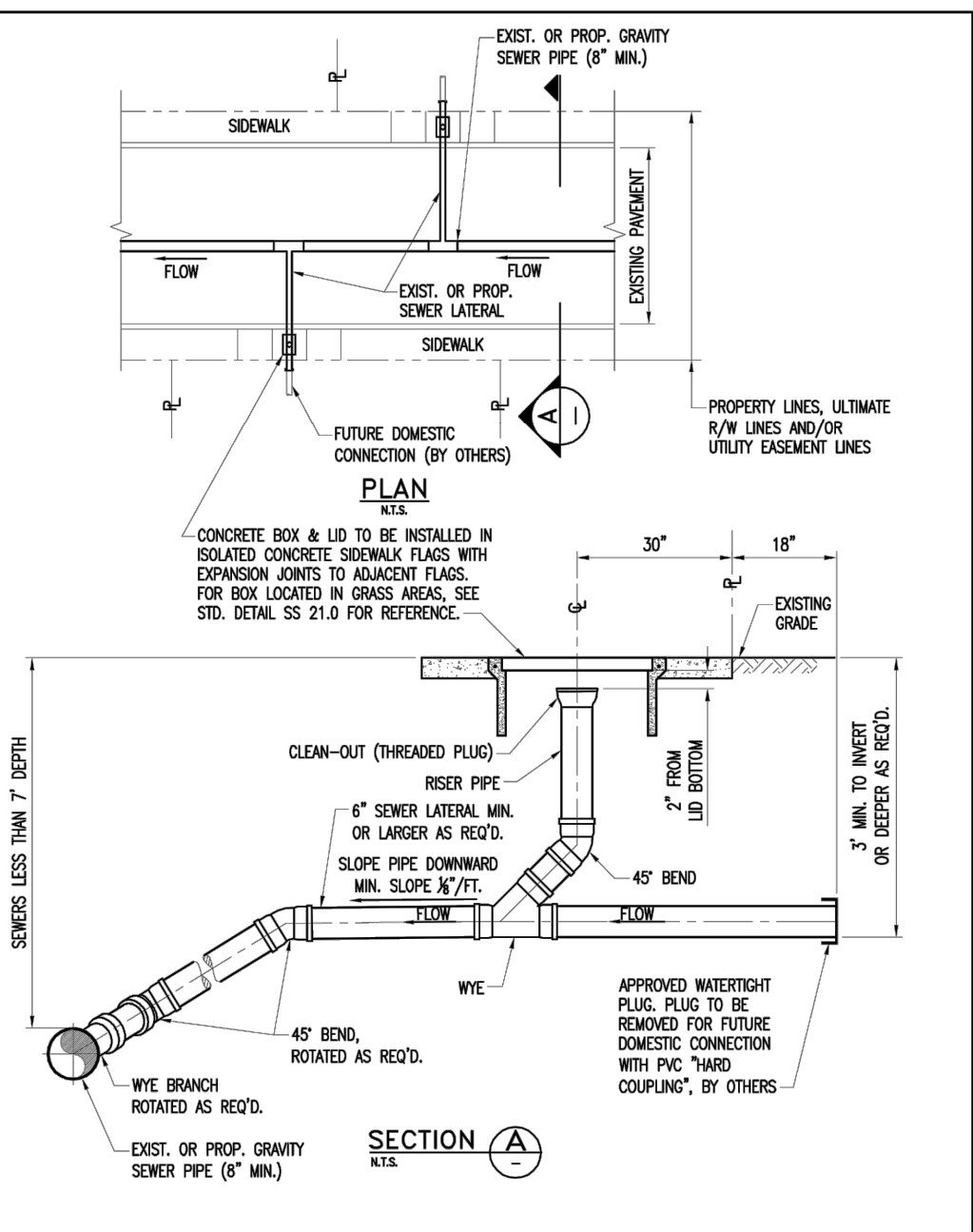
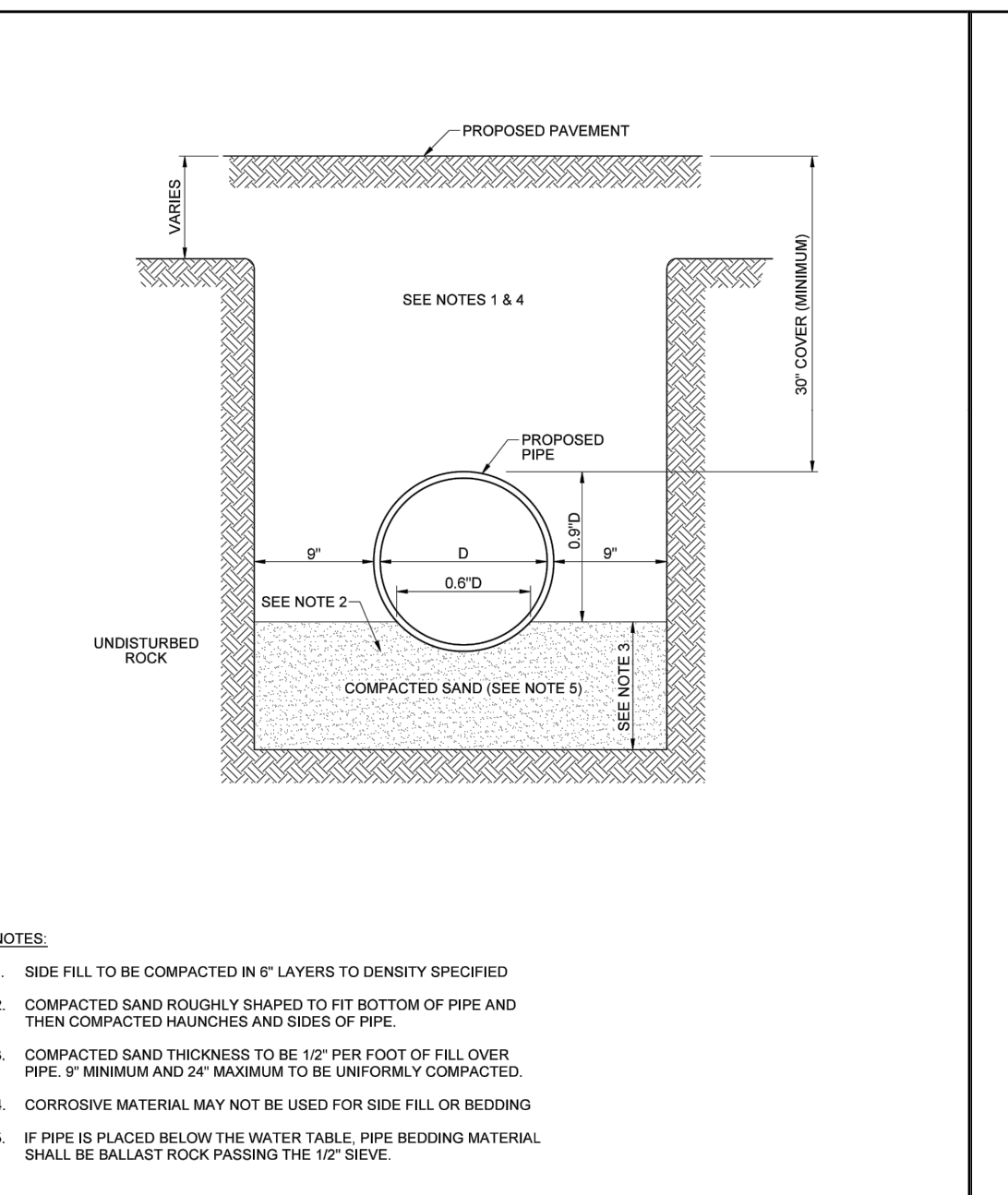
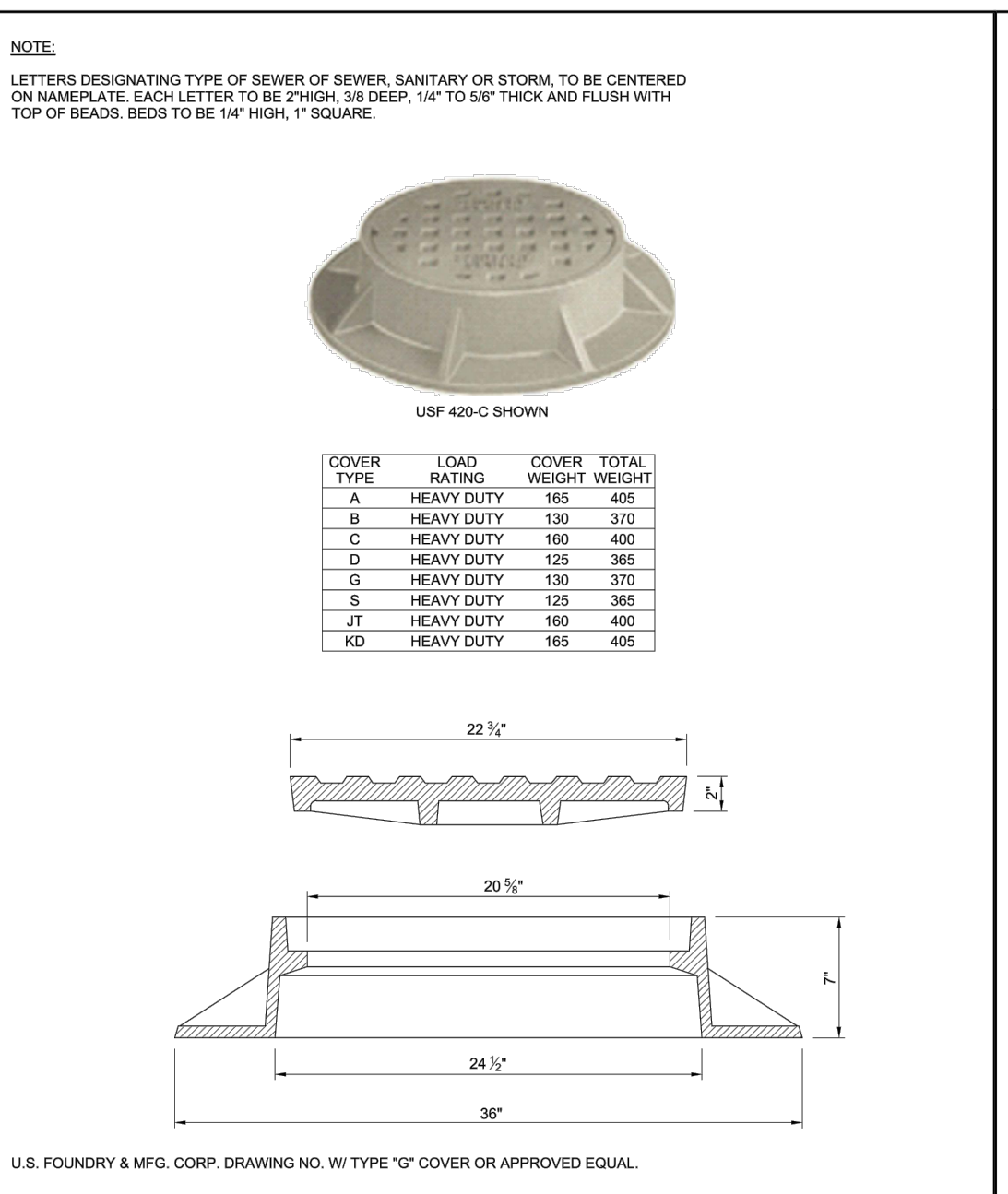
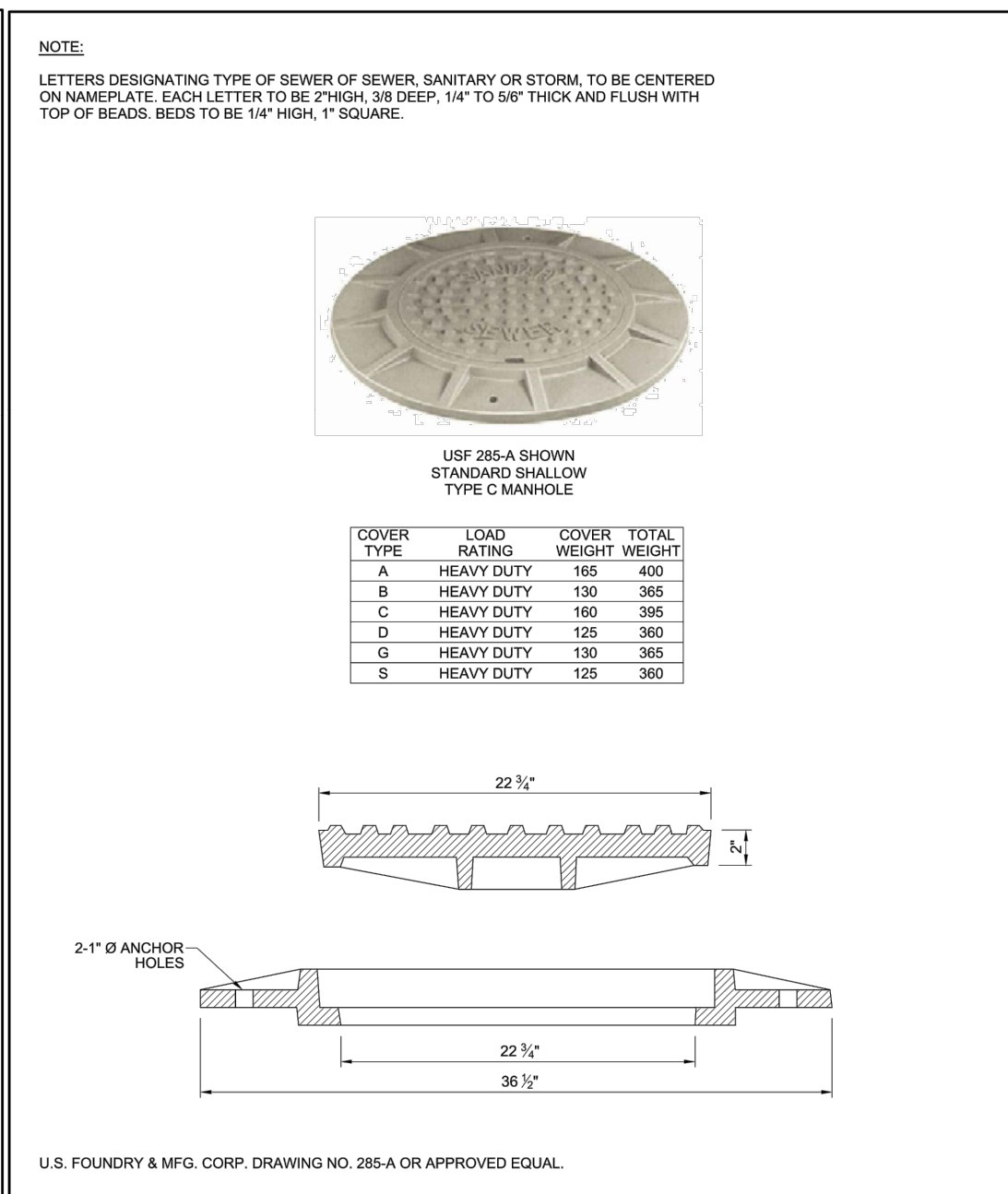
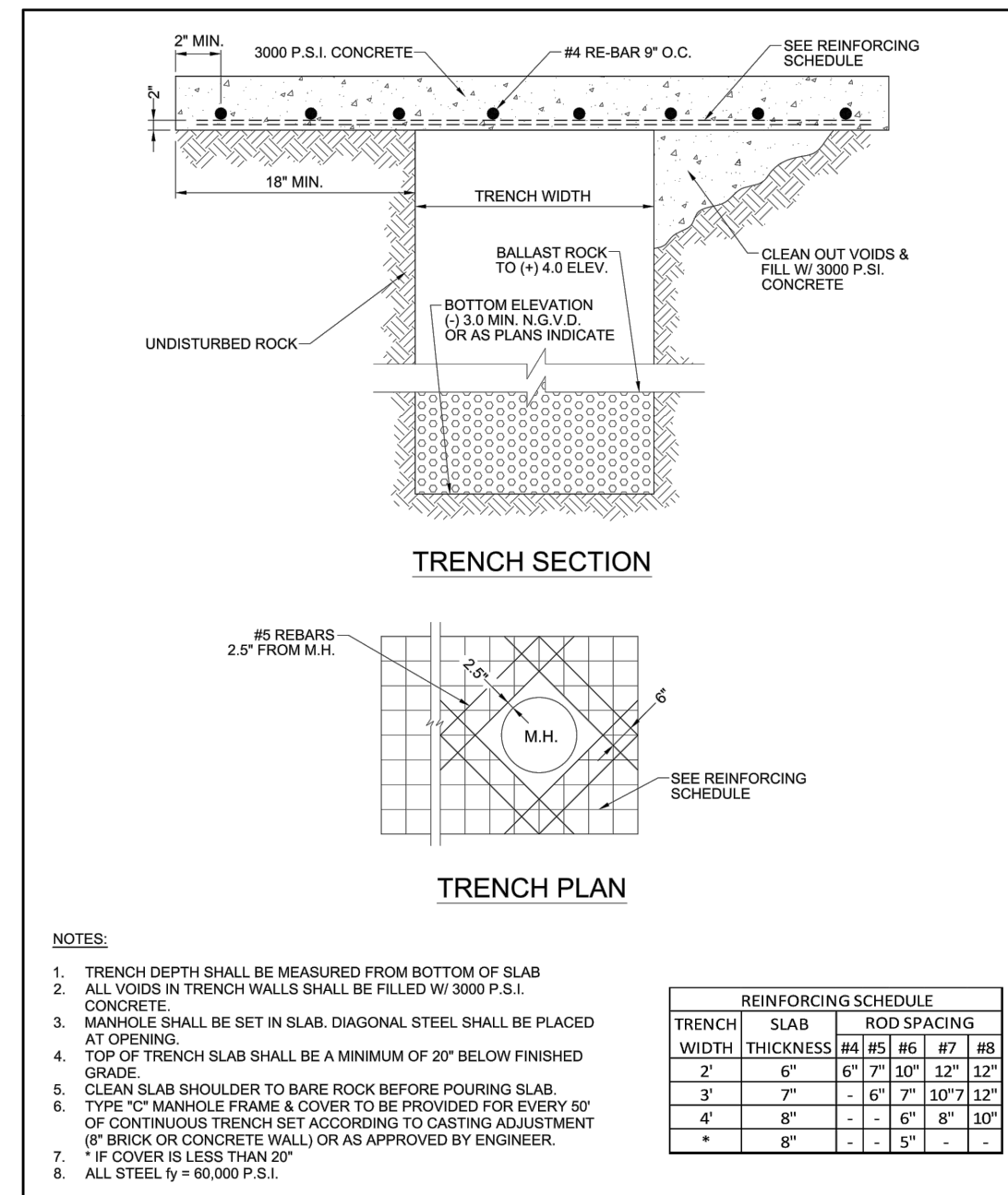
COVER SHEET

SHEET NUMBER
CS

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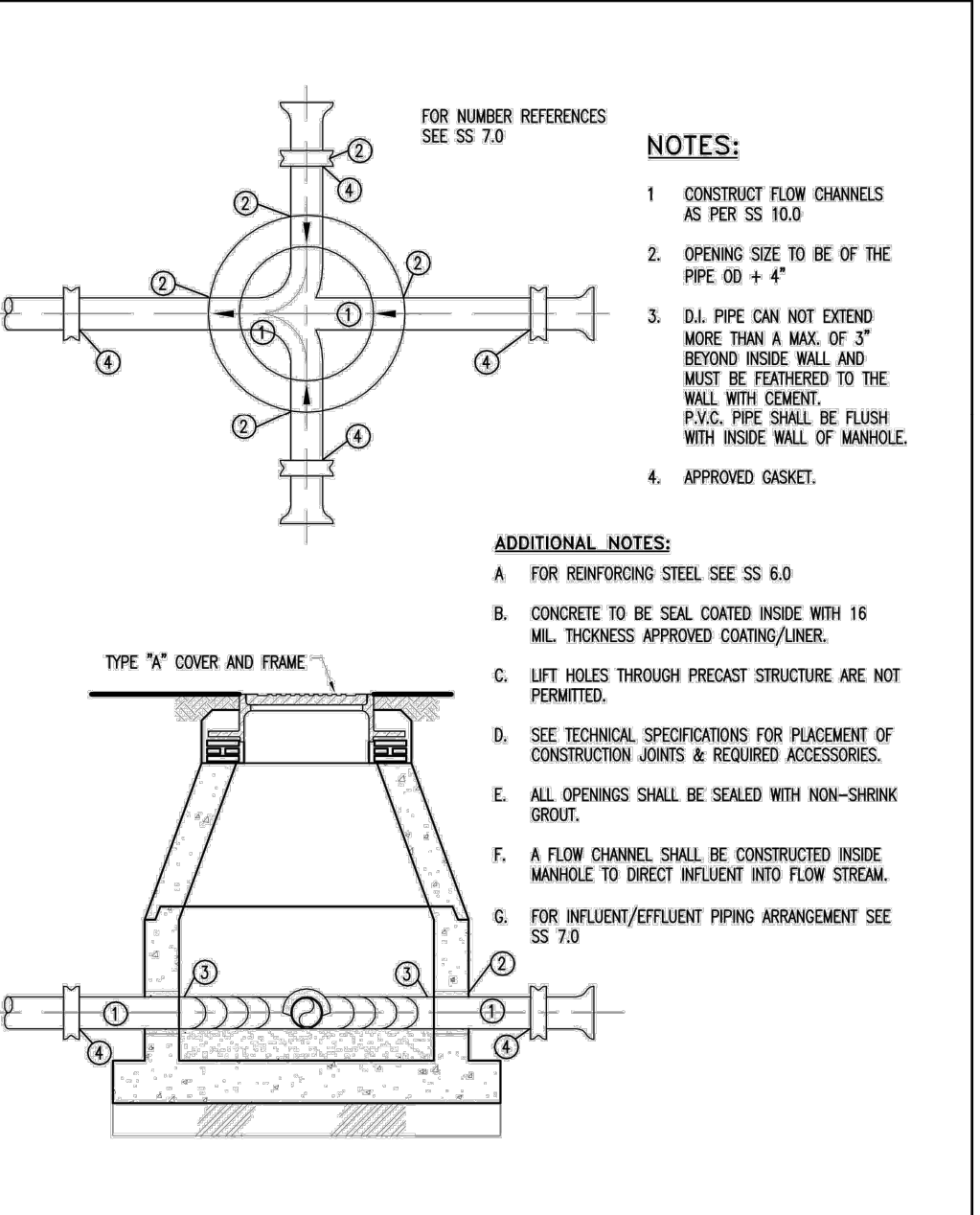
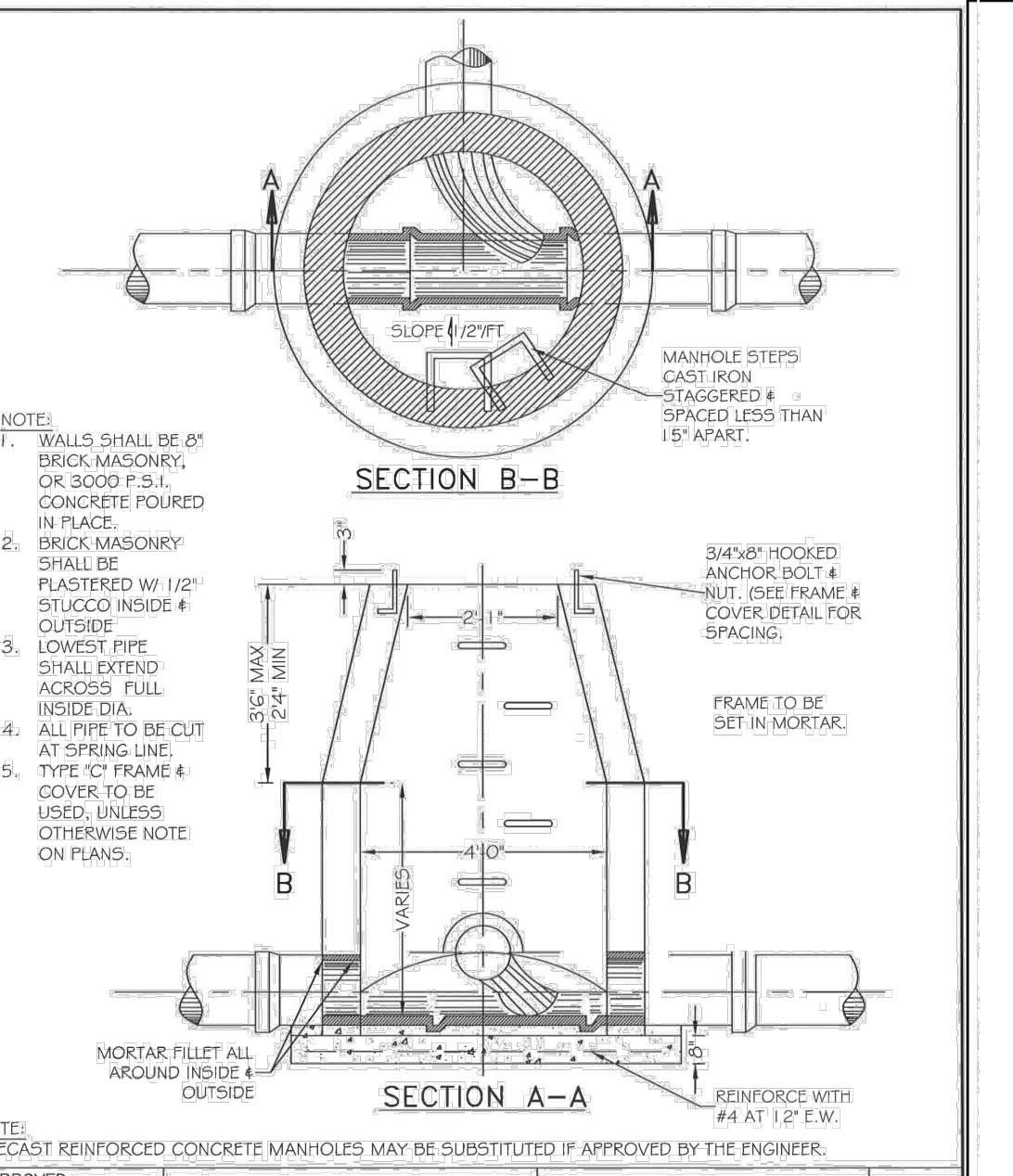
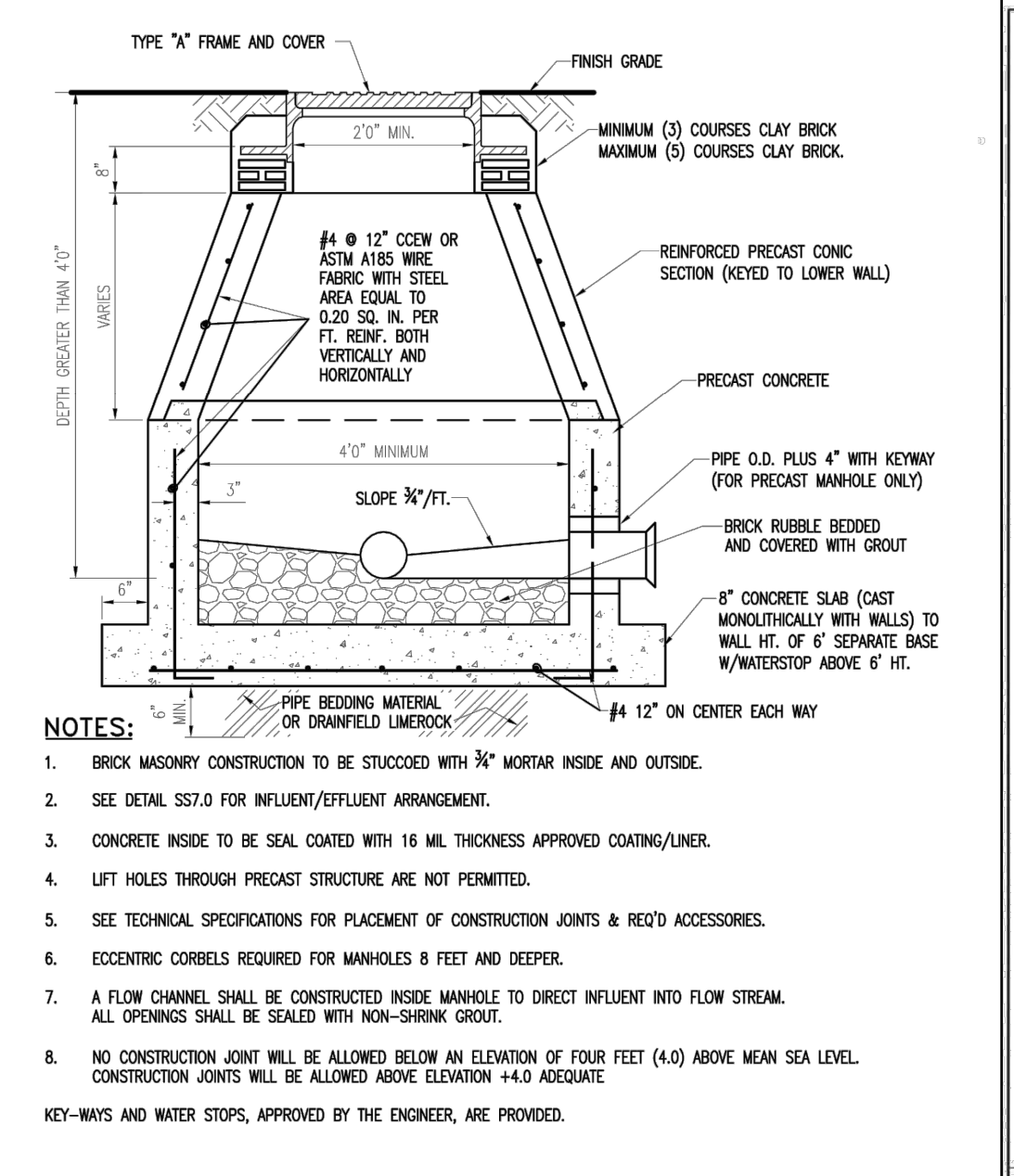
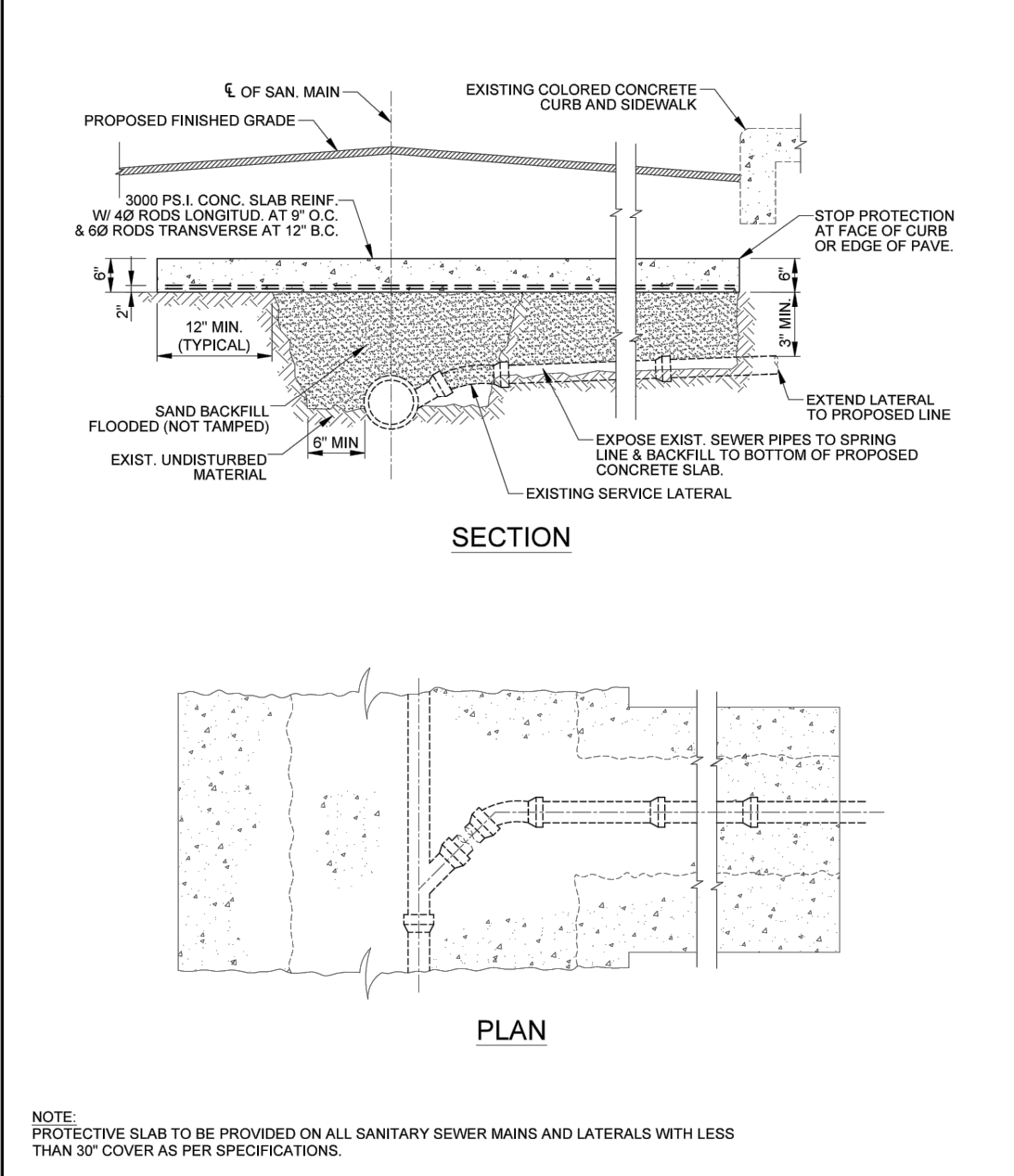
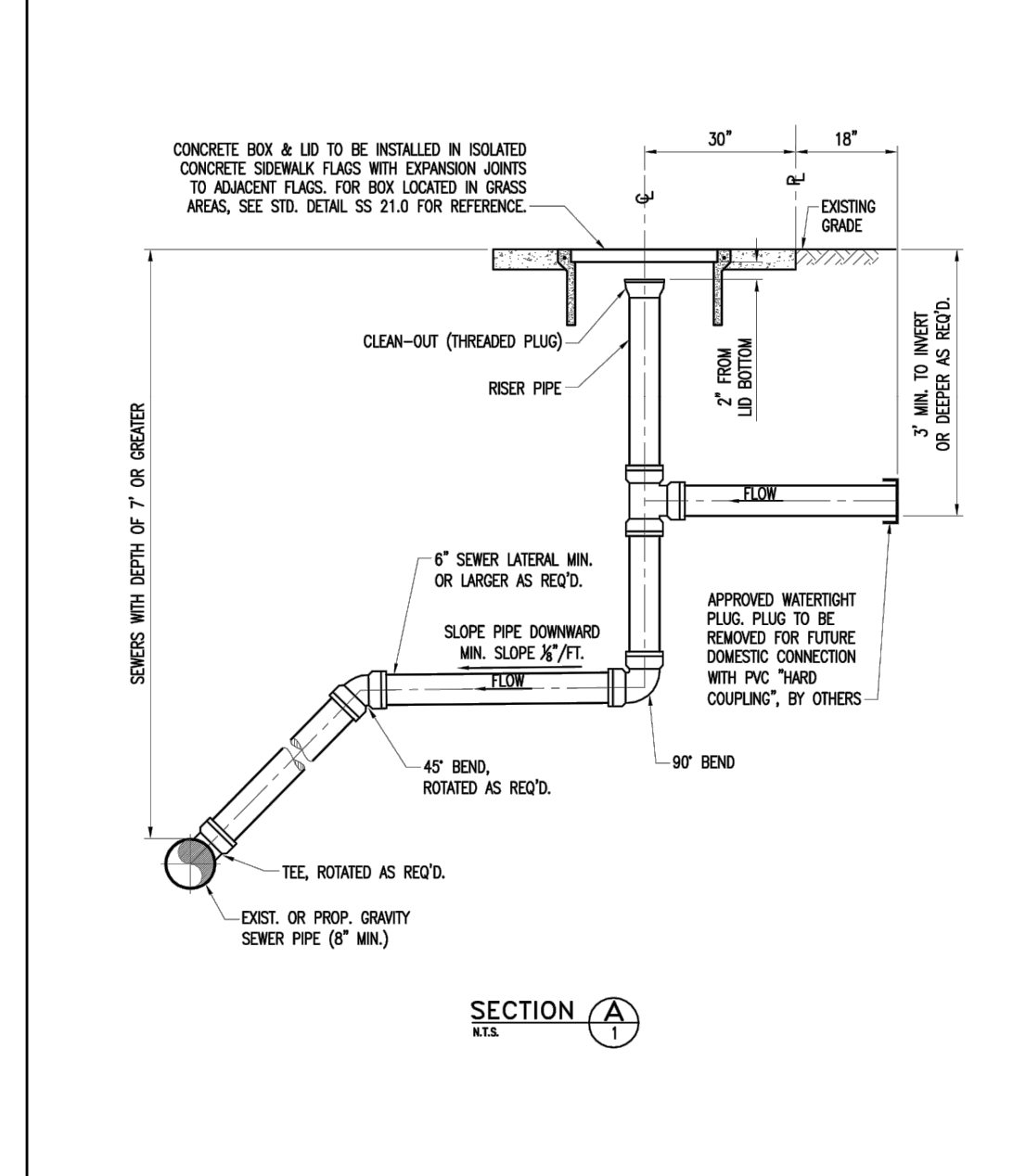
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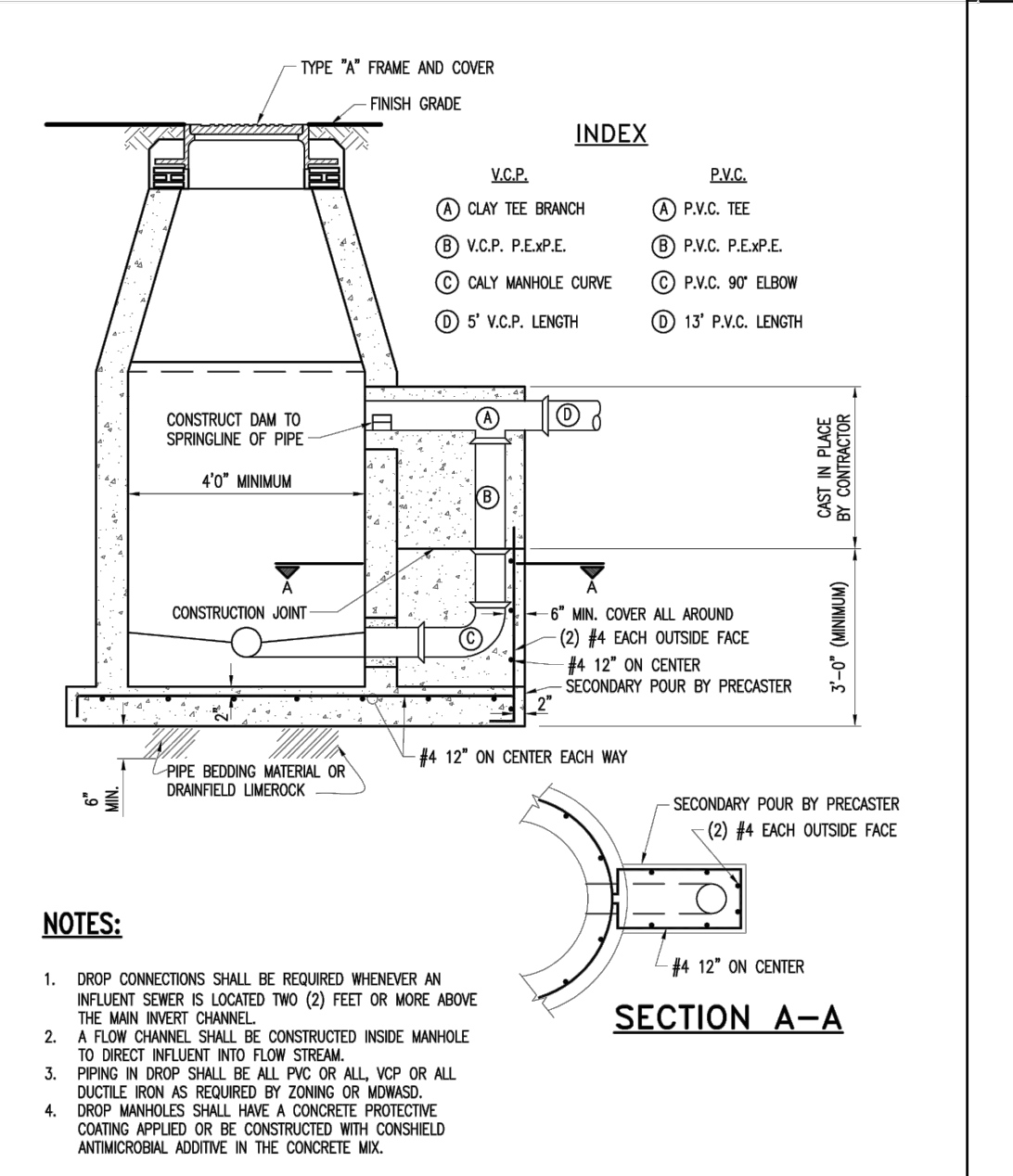
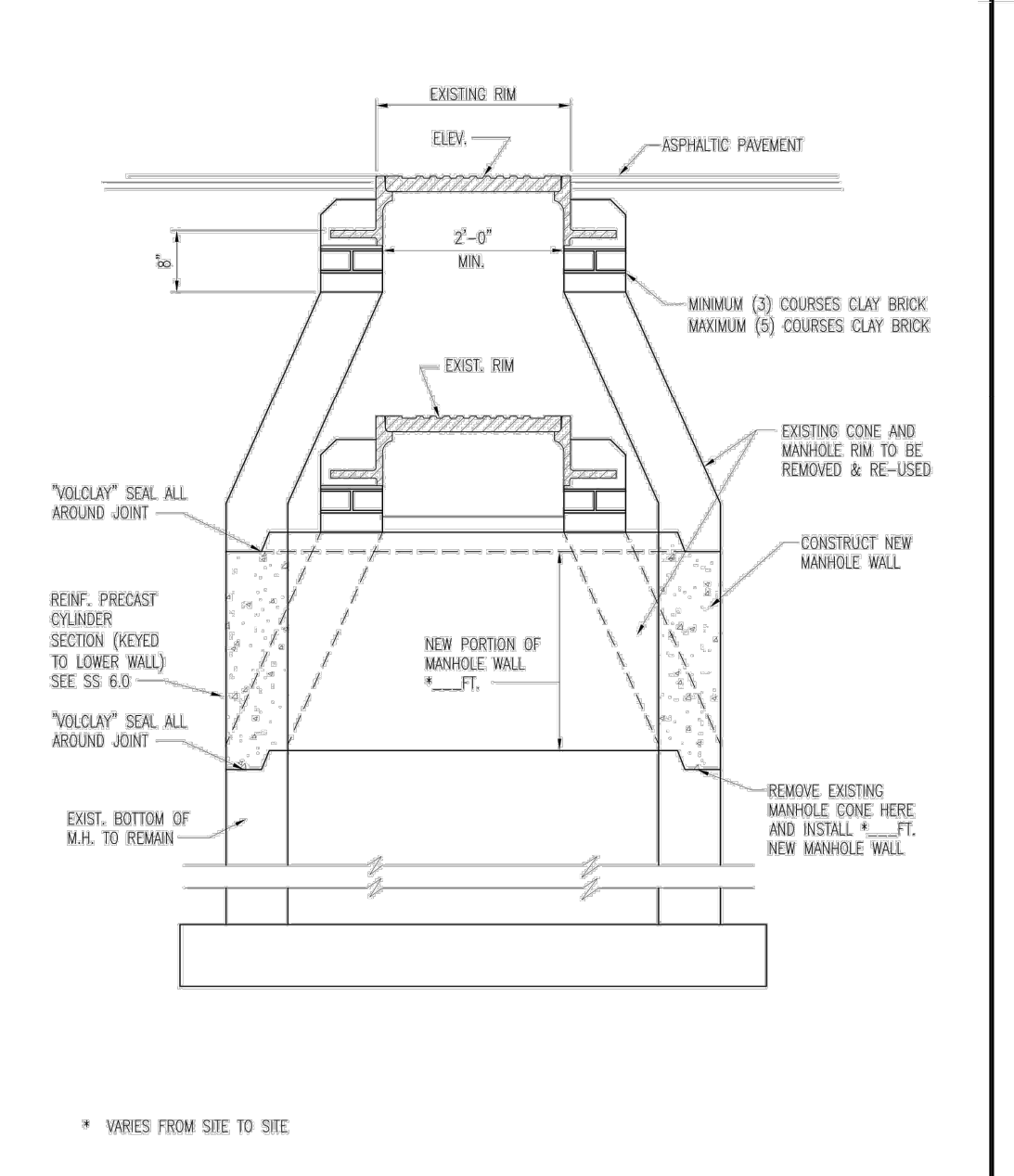
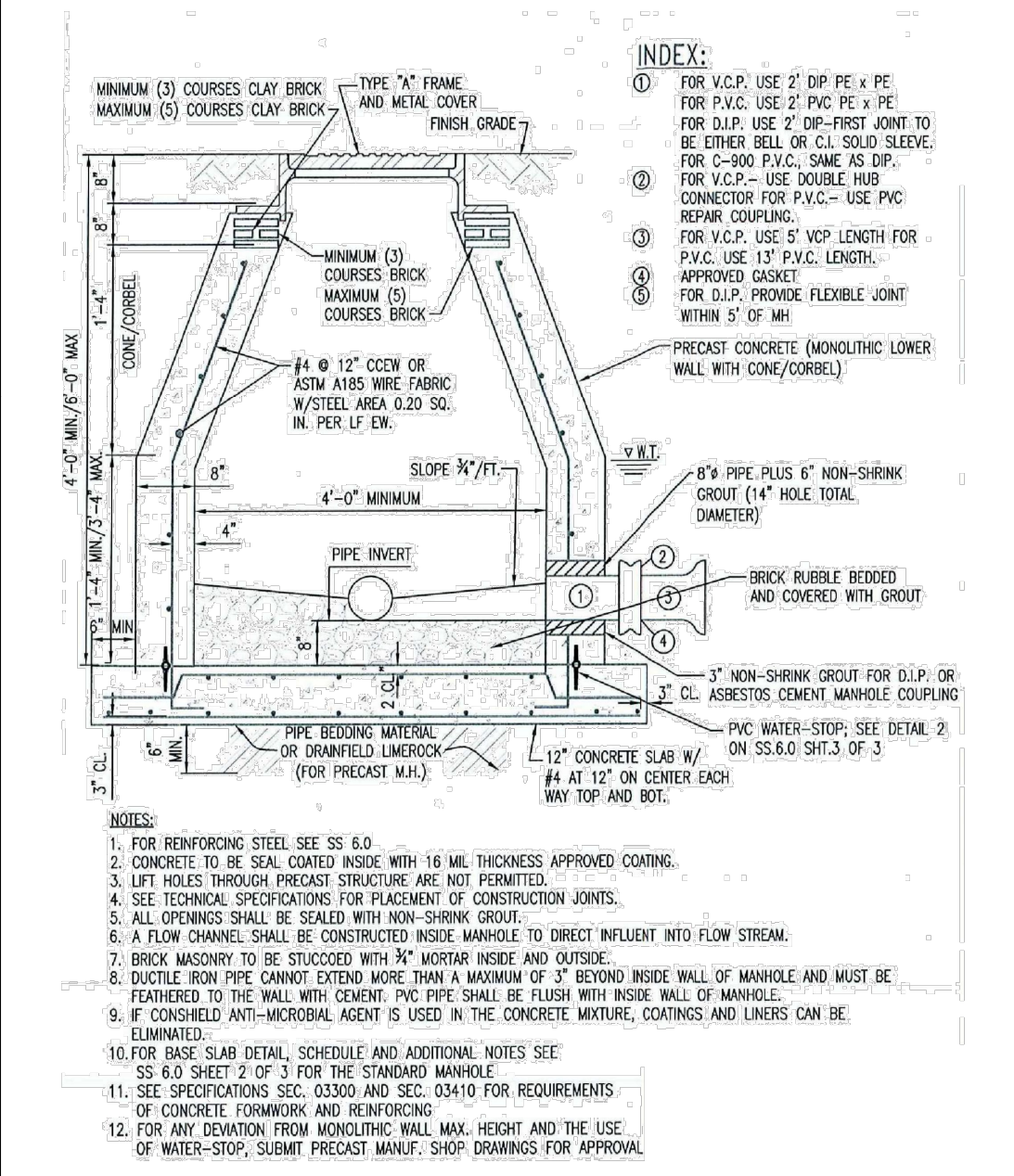
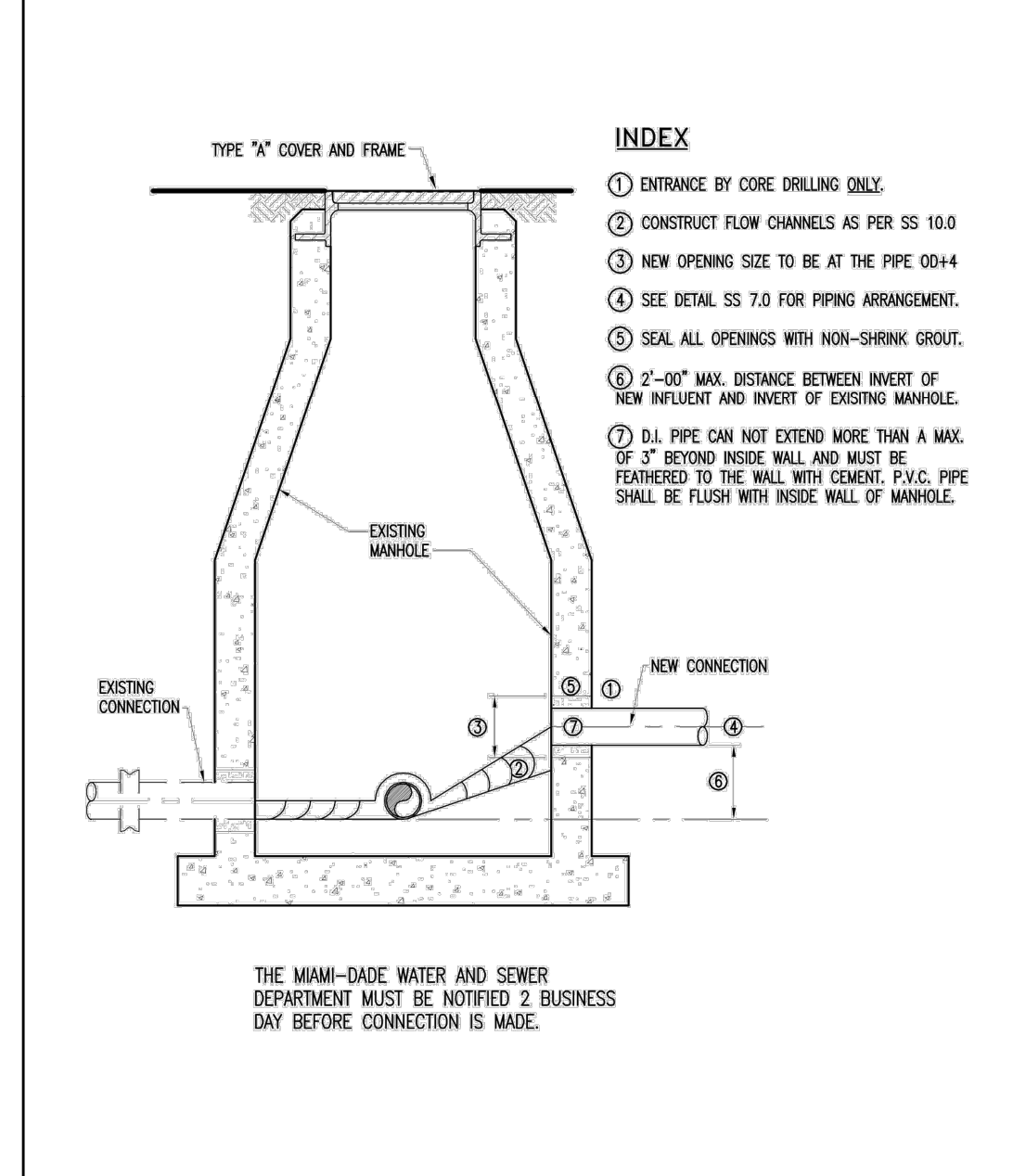
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PERMIT SET

5/19/2023

KEG

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NO.

By

Revisions

Date

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FLORIDA PROFESSIONAL ENGINEER

NO 93169
 STATE OF FLORIDA

KHA PROJECT 043904007
DATE 4/6/2023
SCALE AS SHOWN
DESIGNED BY KEG
DRAWN BY CDT
CHECKED BY

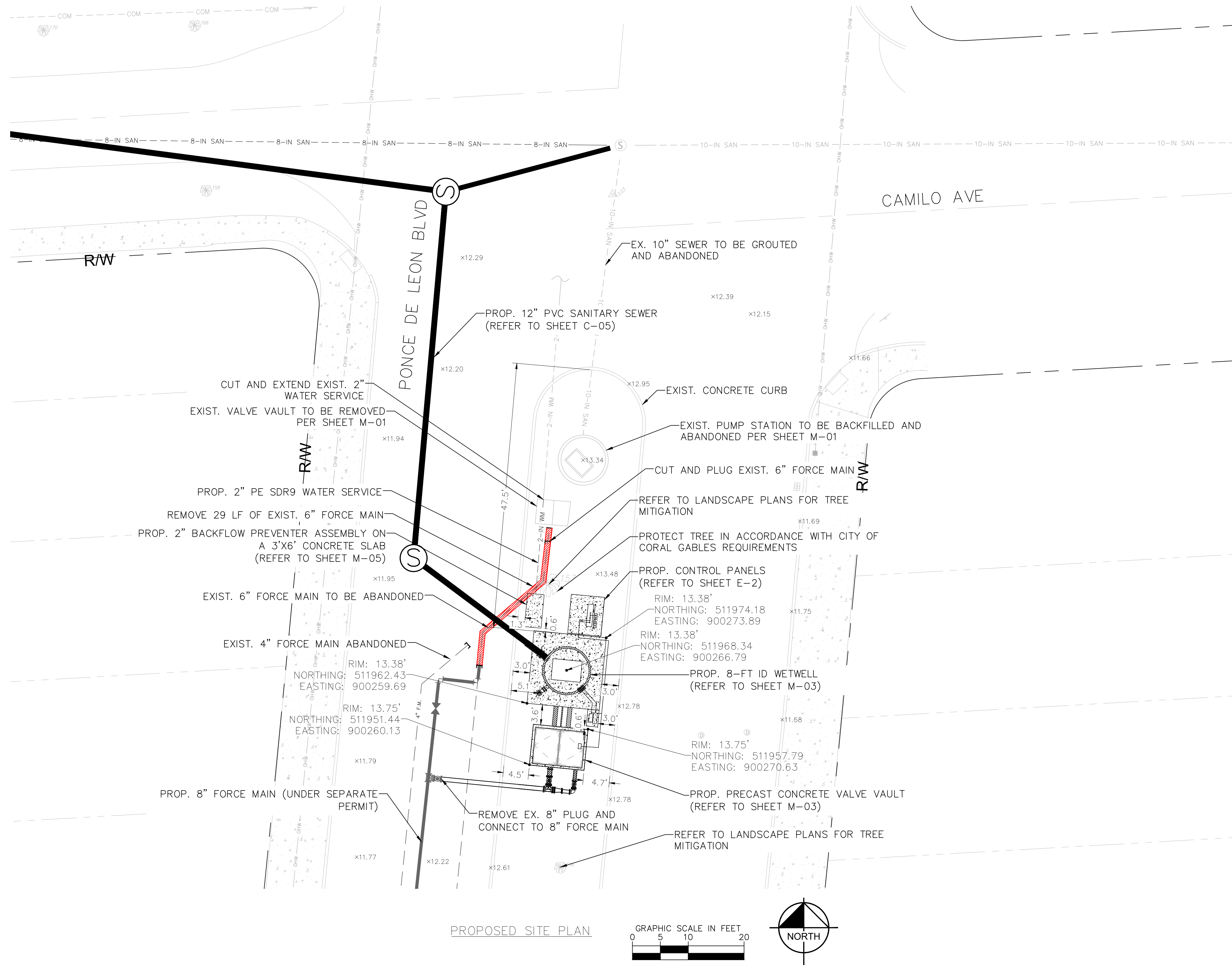
CITY OF CORAL GABLES
PUMP STATION CITY NO. 6
IMPROVEMENTS

SANITARY SEWER DETAILS

SHEET NUMBER SS-03

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DEMOLITION NOTES:

- CONTRACTOR SHALL CONDUCT SITE VISIT, IDENTIFY, AND MARK ALL SYSTEMS, AND/OR DEVICES TO BE DEMOLISHED OR REMOVED WITHIN THIS SCOPE OF WORK. CONTRACTOR SHALL MARK ALL THE EXISTING DEVICES AND/OR SYSTEMS THAT REMAIN AND TO BE REUSED. CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
- CONTRACTOR SHALL PROTECT ALL EXISTING SYSTEMS TO REMAIN AGAINST PHYSICAL DAMAGE DURING THE DEMOLITION, AND ENSURE THE EXISTING UTILITIES/STRUCTURES REMAIN IN THE CONDITION PRIOR TO DEMOLITION WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF THE CONSTRUCTION DEBRIS FROM SYSTEMS TO BE REMOVED INCLUDING MASONRY, EXISTING SUPPORTIVE ELEMENTS SUCH AS POST, PIPE SUPPORT, CONDUIT AND WIRES ETC.
- CONTRACTOR SHALL SETUP STAGE AREA AND SECURE THE AREA FOR BOTH DEMOLITION AND NEW WORK. THE STAGING AREA IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STAGING AREA SHOULD BE MAINTAINED, CLEANED AND SAFE TO WORKERS, MOTORISTS AND THE COMMUNITY.
- CONTRACTOR SHALL PERFORM ALL WORK WITHIN LEGAL PROPERTY AND EASEMENT, AND SHALL NOT DISTURB ADJACENT PROPERTY.
- FIELD VERIFY ALL UTILITY ELEVATIONS PRIOR TO COMMENCING THE WORK.
- CONTRACTOR SHALL VERIFY EXISTING ITEMS TO REMAIN BEFORE ORDERING PROPOSED PIPING/FITTINGS CONNECTING TO IT.
- CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES IN APPLICATIONS, ELEVATIONS, AND QUALITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY EXISTING PIPING TO REMAIN BEFORE ORDERING NEW PIPE AND FITTINGS FOR CONNECTIONS., THE CONTRACTOR SHALL INSPECT AND VERIFY ALL SITE CONDITIONS, DIMENSIONS, ELEVATIONS ETC., AND COORDINATE WITH OTHER TRADES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ACCESS TO FACILITY AT ALL TIMES AND SHALL NOT DISRUPT FACILITY OPERATION THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CLIENT'S PROJECT MANAGER TO ENSURE SITE AND PROTECTION OF LIFE IS ENSURED DURING CONSTRUCTION.

GENERAL VALVE VAULT AND WETWELL REMOVE/INSTALL NOTES:

- REMOVE EXISTING PUMP, PIPING, FITTINGS AND CHECK VALVES WITHIN VALVE VAULT AND WET WELL.
- REMOVE EQUIPMENT (PUMP, BASES, VALVES, FITTINGS AND HATCHES) SHALL BE RETURNED TO THE OWNER.
- INSTALLATION OF PROPOSED WET WELL WITH TWO (2) NEW SUBMERSIBLE PUMPS WITH ASSOCIATED PIPING AND HARDWARE.
- INSTALLATION OF PROPOSED VALVE VAULT WITH NEW PIPING AND VALVES.
- RESTORE SOD AND CURB AS NEEDED.

LEGEND

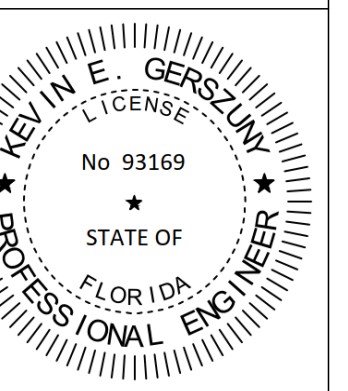
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- EXIST. 10" SAN.
- EXIST. OVERHEAD UTIL.
- EXIST. 2" WM
- EXIST. CONCRETE
- PROP. CONCRETE

PERMIT SET

No.	Revisions	By	Date
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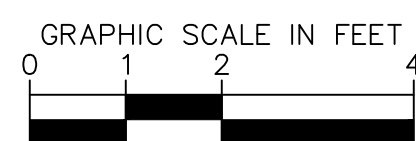
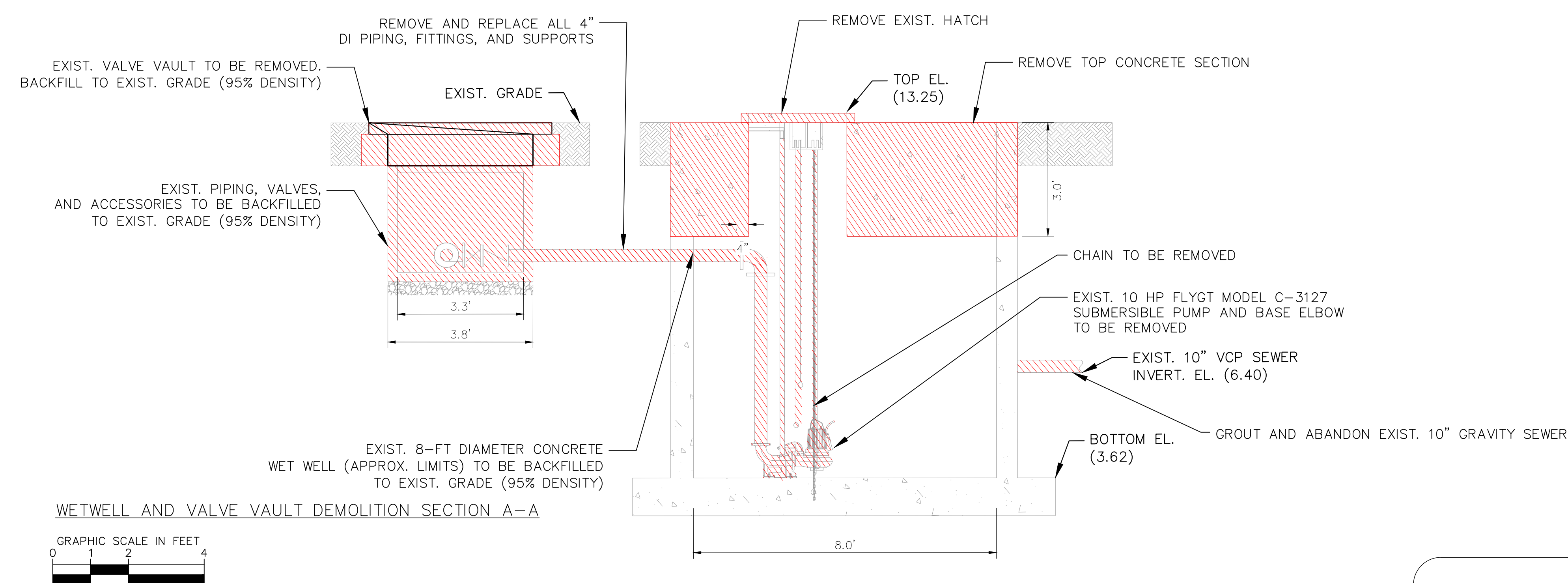
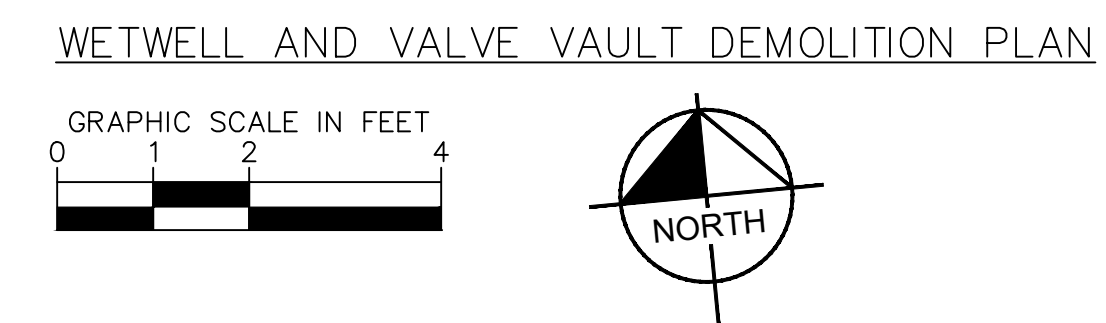
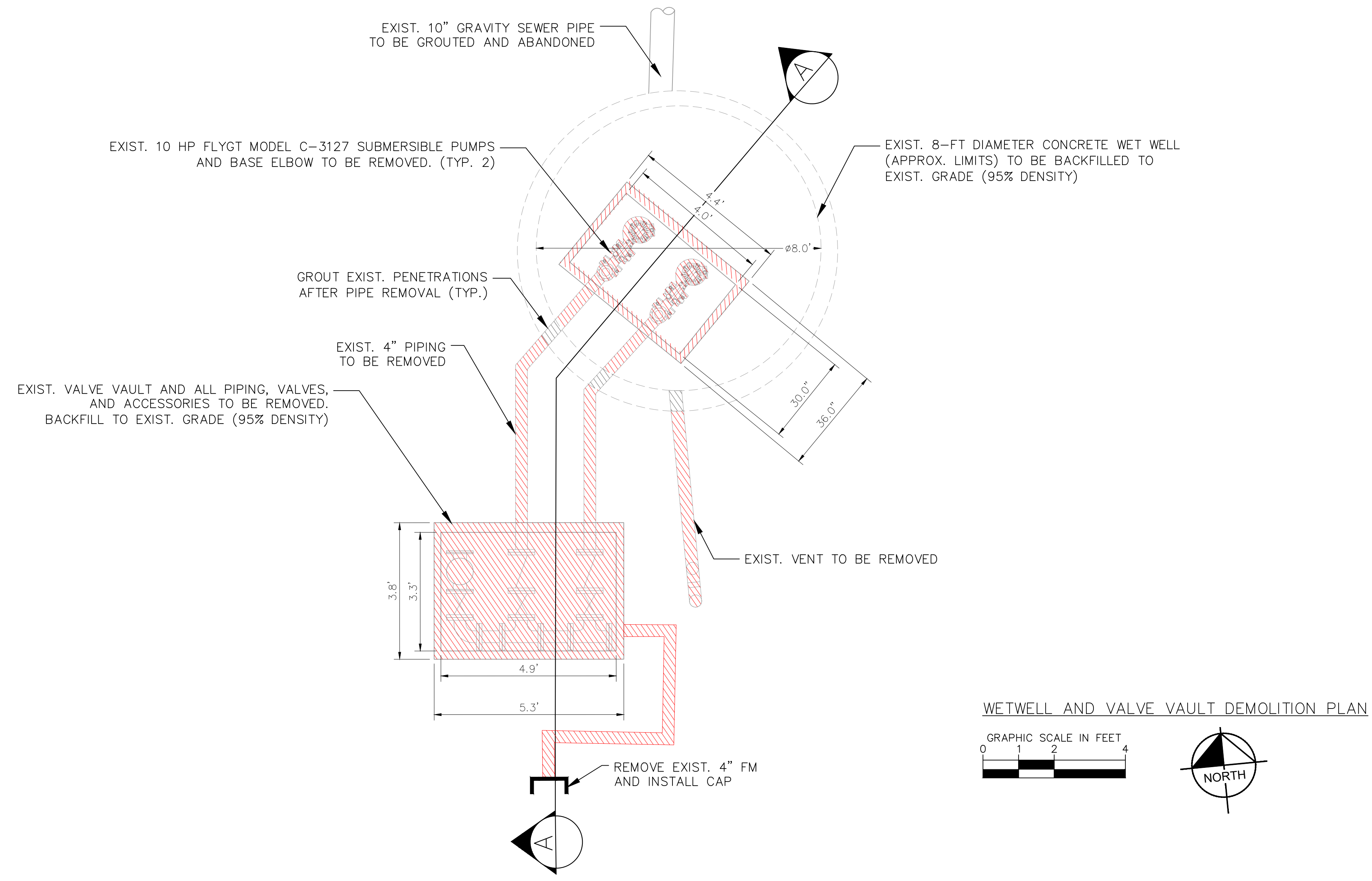
KHA PROJECT 043904007	DATE 4/20/2023	SCALE: AS SHOWN	DESIGNED BY: KEG
			DRAWN BY: CDT
			CHECKED BY:

**CITY OF CORAL GABLES
PUMP STATION CITY NO. 6
IMPROVEMENTS**

**PUMP STATION
SITE PLAN**

SHEET NUMBER
C-06

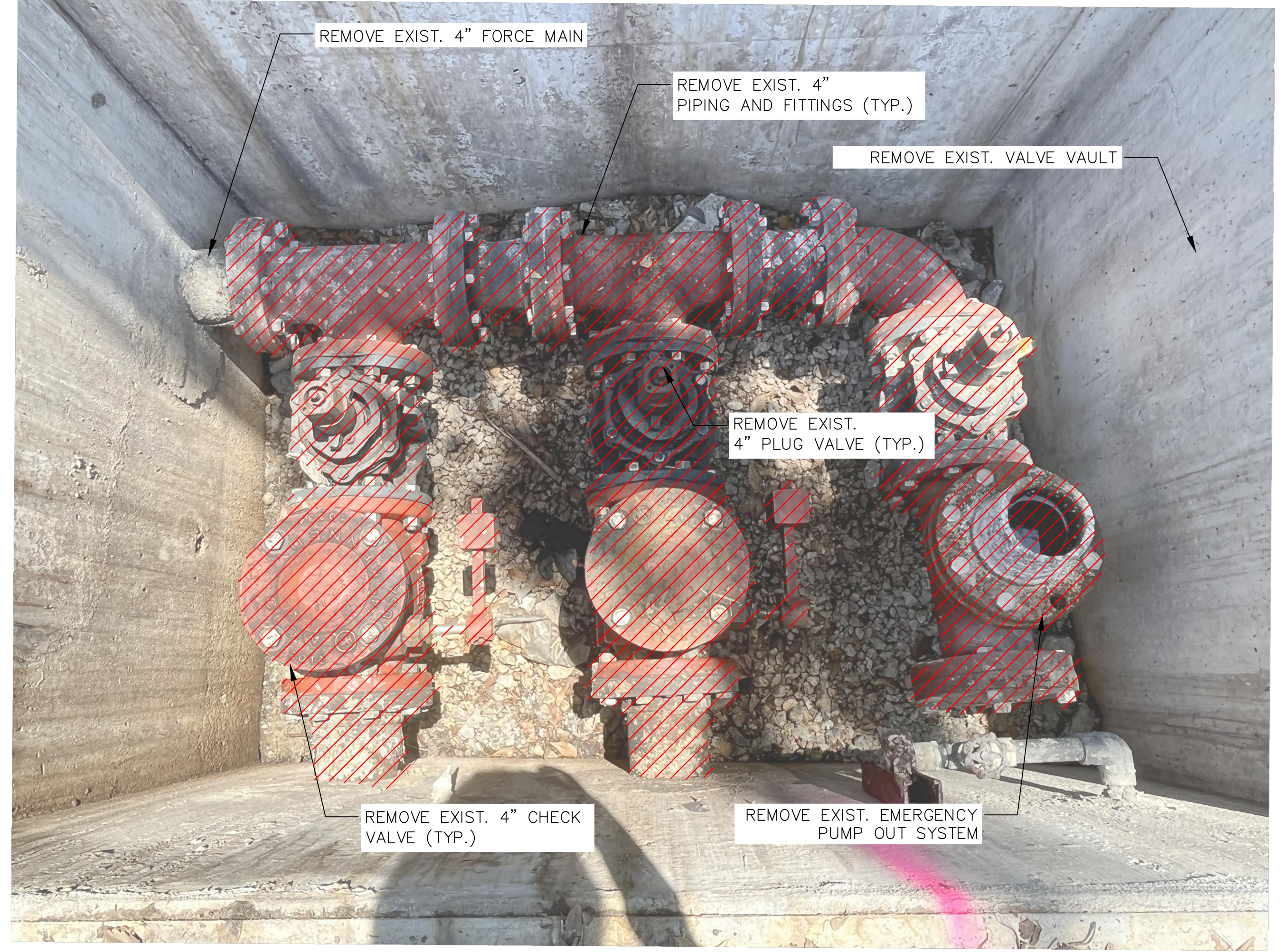
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KHA PROJECT 043904007		DATE 4/20/2023		SCALE: AS SHOWN		DESIGNED BY: KEG		DRAWN BY: CDT		CHECKED BY:	
CITY OF CORAL GABLES PUMP STATION CITY NO. 6 IMPROVEMENTS		DEMOLITION PLAN AND SECTION VIEW		SHEET NUMBER M-01						1 PERMIT SET 5/19/2023 KEG No. _____ By _____ Date _____ Revisions No. _____ By _____ Date _____	

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EXISTING 4" VALVE VAULT ASSEMBLY

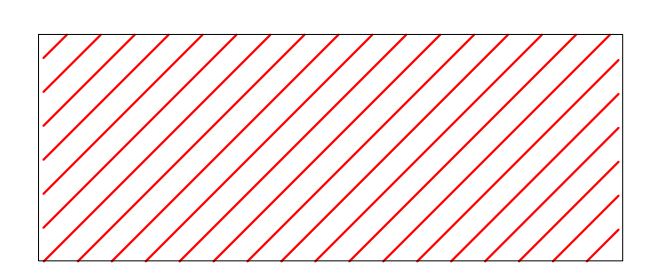


EXISTING 8' WETWELL

GENERAL NOTES:

- CONTRACTOR SHALL MAINTAIN WASTEWATER FLOWS IN OPERATION VIA BY-PASS PUMP OPERATION AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE A BYPASS PUMPING PLAN TO ENGINEER FOR REVIEW PRIOR TO INITIATING CONSTRUCTION.

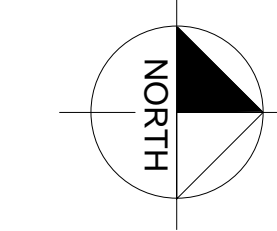
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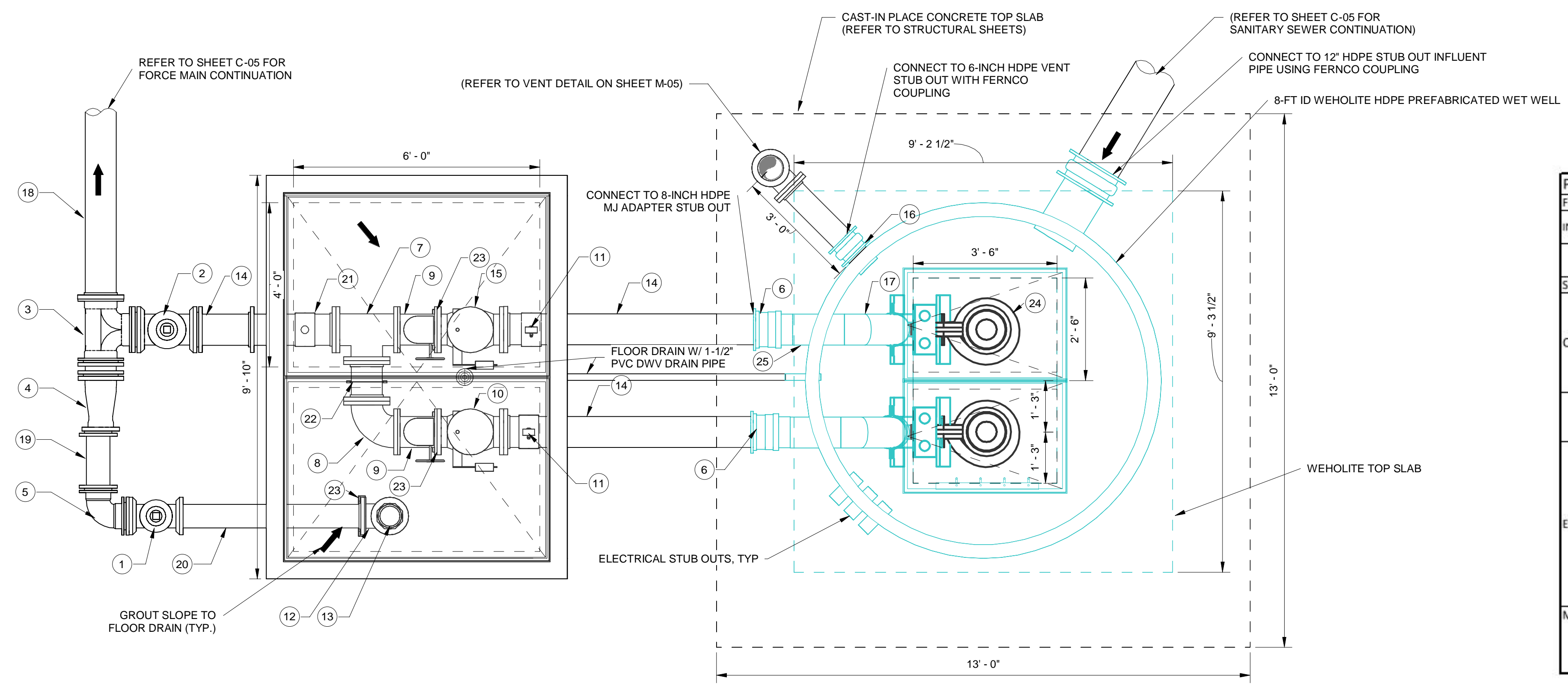
EQUIPMENT TO BE REMOVED

PERMIT SET

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<p>1</p>	<p>No.</p>	<p>By</p>	<p>Date</p>	<p>Revisions</p>
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<p>PUMP STATION DEMOLITION DETAILS</p>		<p>SHEET NUMBER M-02</p>		



COLOR SHADING IDENTIFIES EQUIPMENT SUPPLIED BY WEHOLITE PREFABRICATED WETWELL MANUFACTURER



1 MECHANICAL TOP PLAN VIEW
M03 1/2" = 1'-0"

MECHANICAL NOTES:

- CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES IN APPLICATIONS, ELEVATIONS, AND QUALITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY EXISTING PIPING TO REMAIN BEFORE ORDERING NEW PIPE AND FITTINGS FOR CONNECTIONS. THE CONTRACTOR SHALL INSPECT AND VERIFY ALL SITE CONDITIONS, DIMENSIONS, ELEVATIONS ETC. AND COORDINATE WITH OTHER TRADES PRIOR TO CONSTRUCTION. WORK SHALL BE SCHEDULED ACCORDING TO SPECIFIED CONSTRUCTION SEQUENCE.
- PAY ATTENTION TO AVOID DISTURBING EXISTING ELECTRICAL SERVICE IN THE AREA UNDER CONSTRUCTION (FOR EXISTING FACILITIES ONLY).
- ALL PIPINGS, UNLESS SPECIFIED, TO USE DUCTILE IRON WITH LINING OF SEWER APPLICATION. FITTINGS AND CONNECTIONS UNDERGROUND TO USE MECHANICAL JOINT WITH RESTRAINTS; FITTINGS ABOVE GROUND OR IN VAULT TO USE FLANGE JOINT.
- PROTECT ALL UNDERGROUND FITTINGS WITH BOLT CONNECTIONS IN DIRECT CONTACT WITH SOIL WITH TWO COATS OF BITUMASTIC MATERIAL OR APPROVED EQUAL. PROVIDE DIELECTRIC FITTINGS BETWEEN TWO DIFFERENT PIPING MATERIALS.
- PIPE SUPPORTS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- PROVIDE SPARK-PROOF CONTACT BETWEEN PUMPS AND GUIDE RAIL SYSTEM.
- ALL PUMP CONTROLS SHALL BE SET AS PER DESIGN REQUIREMENTS.
- INSTALL NEW PRESSURE TRANSDUCER.

FLOODPLAIN NOTES:

- PUMP STATION CITY 6 IS LOCATED WITHIN ZONE X AS DEFINED BY FEMA FIRM RATE MAP NUMBER 12086C0457L

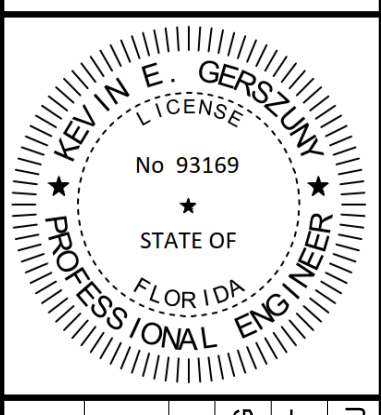
PUMP DATA:		PS City 6
FLUID	RAW SEWAGE	
INSTALLATION LOCATION	3400 PONCE DE LEON BLVD., CORAL GABLES (CORAL GABLES ATLAS K-16)	
PUMP TYPE	SUBMERSIBLE PUMP	
SHUT OFF HEAD, FT	99	
CONTINUOUS OPERATING RANGE	MAXIMUM TDH, FT	60.4
	CAPACITY, GPM	580
	MINIMUM TDH, FT	43.8
	CAPACITY, GPM	790
	NPSHR, FT	11
PUMP CONSTRUCTION	PUMP EFFICIENCY, %	63
	IMPELLER	HARD-IRON
	SUCTION, INCHES	6
	DISCHARGE, INCHES	4
ELECTRIC MOTOR	RATED HP	20
	RPM	1755
	VOLTS/PHASE/Hz/S.F.	200/3/60/4
	AMBIENT TEMP. FOR MOTOR RATING, °C	40
	MAXIMUM TEMP. RISE, °C	40
	NEMA DESIGN CODE LETTER	B
	INSULATION CLASS	H
	MOTOR RATED HP NOT OVERLOADED AT ANY POINT IN THE OPERATING RANGE	
	MANUFACTURERS	
	PUMP	FLYGT NP 3153 HT 3-464 IMPELLER 253 (150mm); WITH EXPLOSION PROOF MOTOR (COMPLIANT WITH THE NEC CLASS I, DIVISION 1 GROUP D). THE SELECTED PUMPS ARE IN-TECHNOLOGY WITH SELF-CLEANING NON-CLOG IMPELLERS CAPABLE OF HANDLING RAGS AND WIPES

KEYNOTE	DESCRIPTION
1	6" PLUG VALVE, MJ
2	8" PLUG VALVE, MJ
3	8" DI TEE, MJ
4	8"X6" DI REDUCER, MJ
5	8" DI 90 DEG BEND, MJ
6	8" HDPE MJ ADAPTER
7	8" DI TEE, FL
8	8" DI 90 DEG BEND, FL
9	8" PLUG VALVE, FL
10	4" SWING CHECK VALVE, FL
11	1/2" PRESSURE GAUGE ASSEMBLY (REFER TO DETAIL ON SHEET M-05)
12	6" DI 90 DEG BEND, FL
13	4" 304 SS CAMLOCK W/ DUST CAP
14	8" DI PIPE, FL X PE
15	8" SWING CHECK VALVE, FL
16	6" FERNCO COUPLING
17	8" HDPE DIPS FABRICATED DEG 90 BEND
18	8" PVC C900 DR 18 PIPE
19	6" PVC C900 DR 18 PIPE
20	6" DI PIPE, FL X PE
21	8" 304 SS STRAP ON SADDLE W/ PRESSURE TRANSMITTER
22	STANCHION SADDLE PIPE SUPPORT
23	STANCHION FLANGE PIPE SUPPORT
24	FLYGT FP 3153 HT 3-464 SUBMERSIBLE PUMP
25	8" HDPE DR 11(DIPS) PIPE

PERMIT SET

No.	Revisions	By	Date

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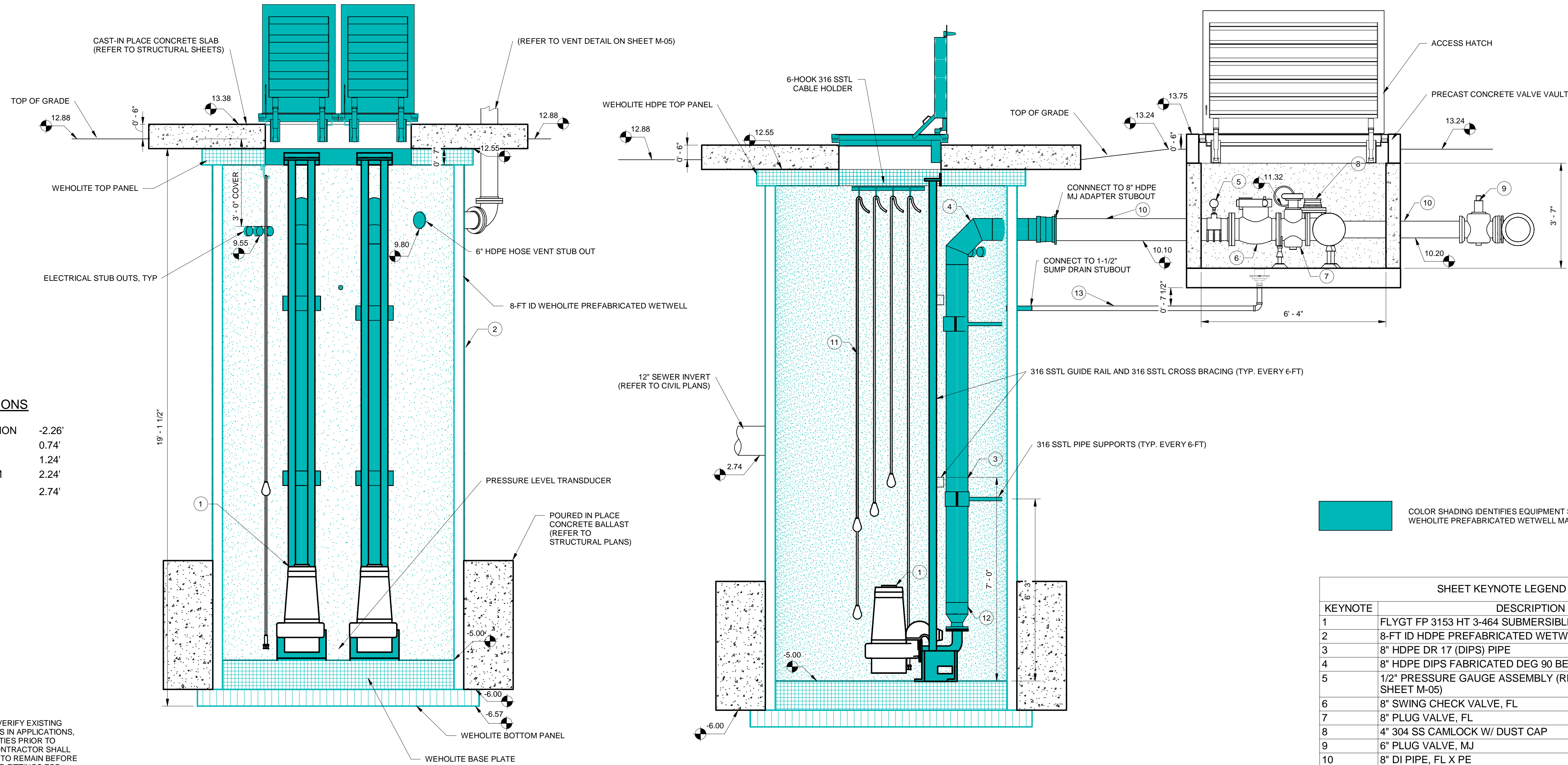


RFA PROJECT: 043904007
 DATE: APRIL, 2023
 SCALE: AS SHOWN
 DESIGNED BY: KEG
 DRAWN BY: CT
 CHECKED BY: JU

CITY OF CORAL GABLES
 PUMP STATION CITY NO. 6
 IMPROVEMENTS

PROPOSED PUMP
 STATION PLAN VIEW

SHEET NUMBER
 M-03



FLOAT ELEVATIONS

PUMP OFF ELEVATION	-2.26'
LEAD ON	0.74'
LAG ON	1.24'
HIGH LEVEL ALARM	2.24'
12" INVERT	2.74'

MECHANICAL NOTES:

- CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES IN APPLICATIONS, ELEVATIONS, AND QUALITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY EXISTING PIPING TO REMAIN BEFORE ORDERING NEW PIPE AND FITTINGS FOR CONNECTIONS. THE CONTRACTOR SHALL INSPECT AND VERIFY ALL SITE CONDITIONS, DIMENSIONS, ELEVATIONS ETC. AND COORDINATE WITH OTHER TRADES PRIOR TO CONSTRUCTION. WORK SHALL BE SCHEDULED ACCORDING TO SPECIFIED CONSTRUCTION SEQUENCE.
- PAY ATTENTION TO AVOID DISTURBING EXISTING ELECTRICAL SERVICE IN THE AREA UNDER CONSTRUCTION (FOR EXISTING FACILITIES ONLY).
- ALL PIPINGS, UNLESS SPECIFIED, TO USE DUCTILE IRON WITH LINING OF SEWER APPLICATION. FITTINGS AND CONNECTIONS UNDERGROUND TO USE MECHANICAL JOINT WITH RESTRAINTS; FITTINGS ABOVE GROUND OR IN VAULT TO USE FLANGE JOINT.
- PROTECT ALL UNDERGROUND FITTINGS WITH BOLT CONNECTIONS IN DIRECT CONTACT WITH SOIL WITH TWO COATS OF BITUMASTIC MATERIAL OR APPROVED EQUAL. PROVIDE DIELECTRIC FITTINGS BETWEEN TWO DIFFERENT PIPING MATERIALS.
- PIPE SUPPORTS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- PROVIDE SPARK-PROOF CONTACT BETWEEN PUMPS AND GUIDE RAIL SYSTEM.
- ALL PUMP CONTROLS SHALL BE SET AS PER DESIGN REQUIREMENTS.
- INSTALL NEW PRESSURE TRANSDUCER.

FLOODPLAIN NOTES:

- PUMP STATION CITY 6 IS LOCATED WITHIN ZONE X AS DEFINED BY FEMA FIRM RATE MAP NUMBER 12086C0457L

1 PUMPS SECTION VIEW
1/2" = 1'-0"

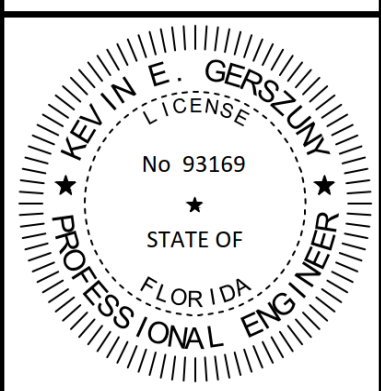
2 SIDE SECTION VIEW
1/2" = 1'-0"

COLOR SHADING IDENTIFIES EQUIPMENT SUPPLIED BY WEHOLITE PREFABRICATED WETWELL MANUFACTURER

SHEET KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
1	FLYGT FP 3153 HT 3-464 SUBMERSIBLE PUMP
2	8-FT ID HDPE PREFABRICATED WETWELL
3	8" HDPE DR 17 (DIPS) PIPE
4	8" HDPE DIPS FABRICATED DEG 90 BEND
5	1/2" PRESSURE GAUGE ASSEMBLY (REFER TO DETAIL ON SHEET M-05)
6	8" SWING CHECK VALVE, FL
7	8" PLUG VALVE, FL
8	4" 304 SS CAMLOCK W/ DUST CAP
9	6" PLUG VALVE, MJ
10	8" DI PIPE, FL X PE
11	FLOATS
12	8"x4" HDPE REDUCER W/ FLANGE HDPE ADAPTER
13	1-1/2" PVC DWV DRAIN

No.	Revisions	By	Date

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RFTA PROJECT	043904007
DATE	APRIL, 2023
SCALE	AS SHOWN
DESIGNED BY	AS SHOWN
DRAWN BY	RL
CHECKED BY	7, Checker

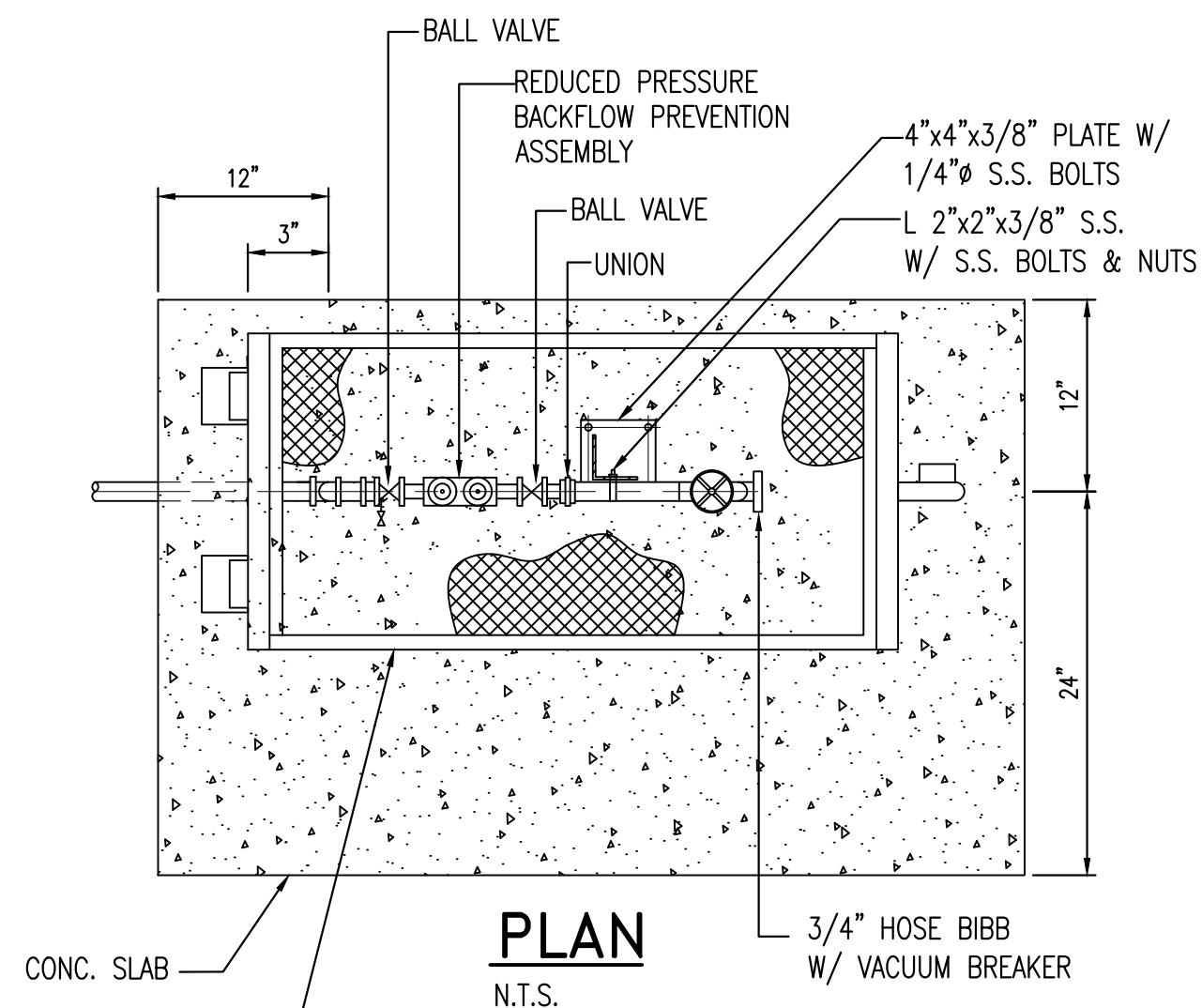
**CITY OF CORAL GABLES
PUMP STATION CITY NO. 6
IMPROVEMENTS**

**PROPOSED PUMP
STATION SECTION VIEW**

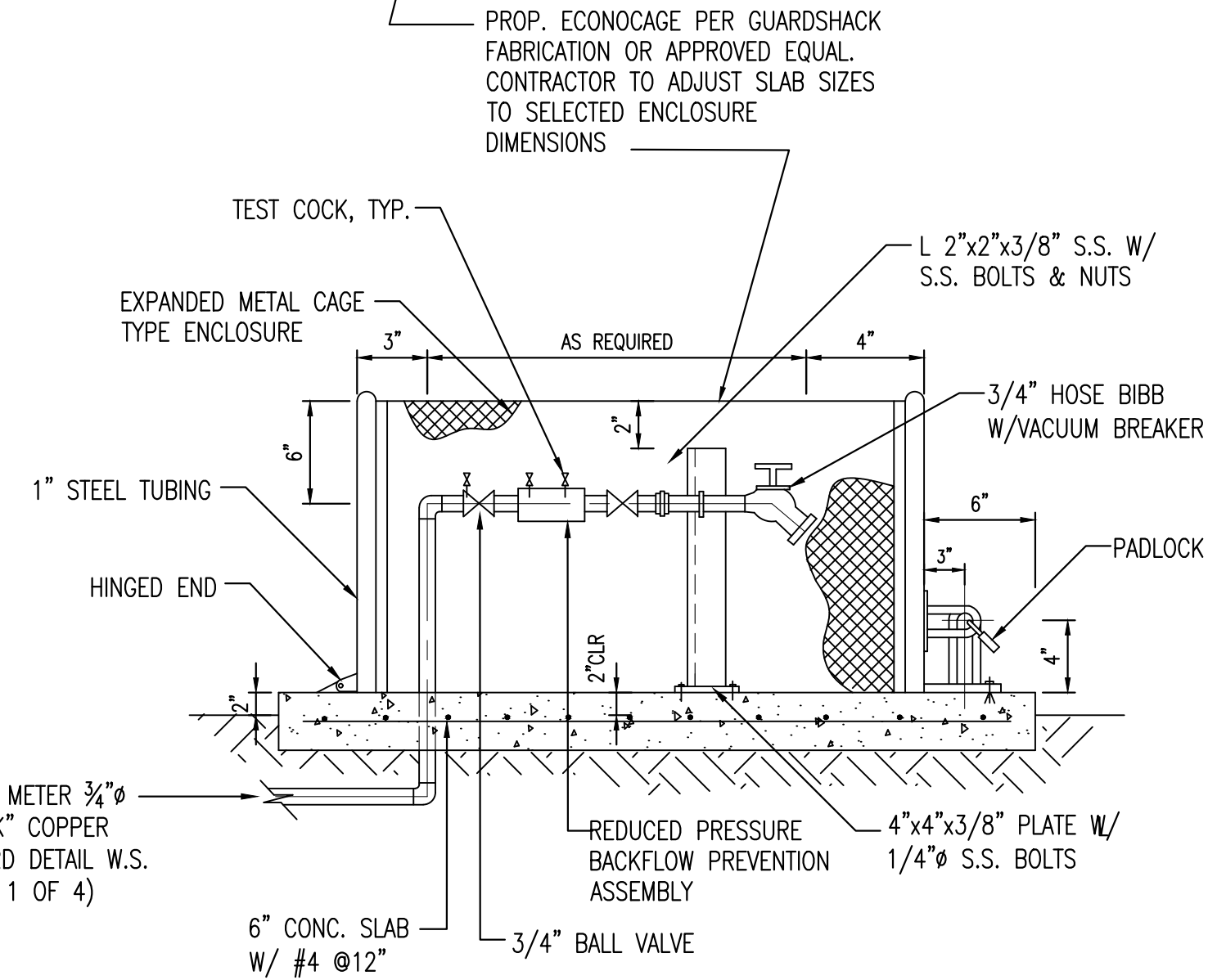
PERMIT SET

SHEET NUMBER
M-04

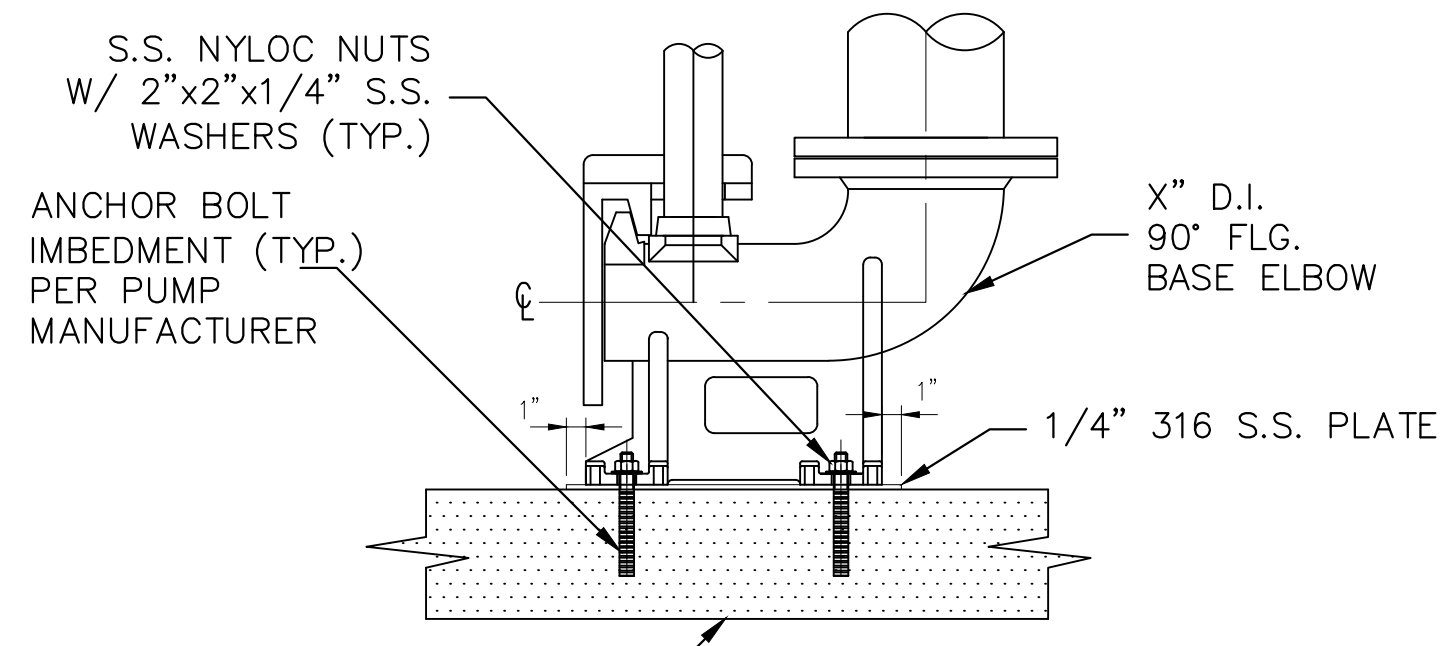
Plotted By: Turner, Cad Sheet Set: ALEXAN CRAFTS SEWER EXTENSION Layout: M-05 May 17, 2023 02:26:59pm \\kimley-horn.com\l...mha\mb_civil\043904007 - alexan.crafts (coral.gables)\CIVIL\CADD\plansheets\Offsite\M-MECHANICAL.dwg



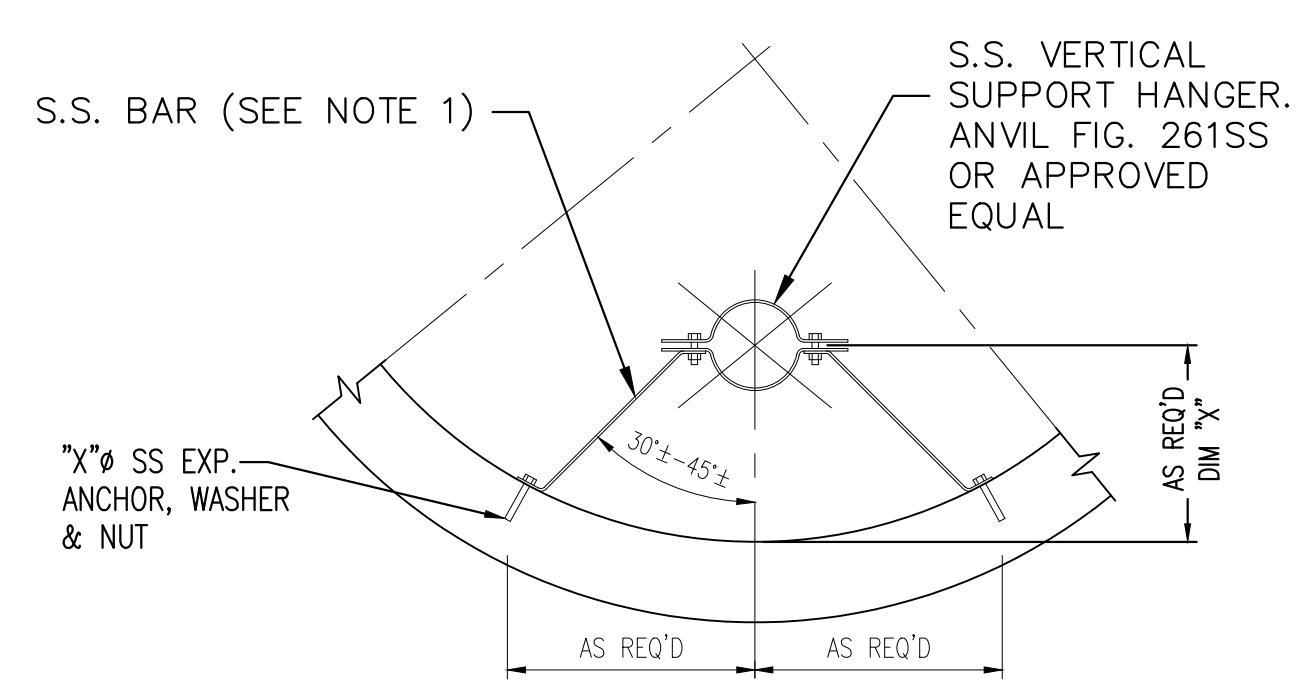
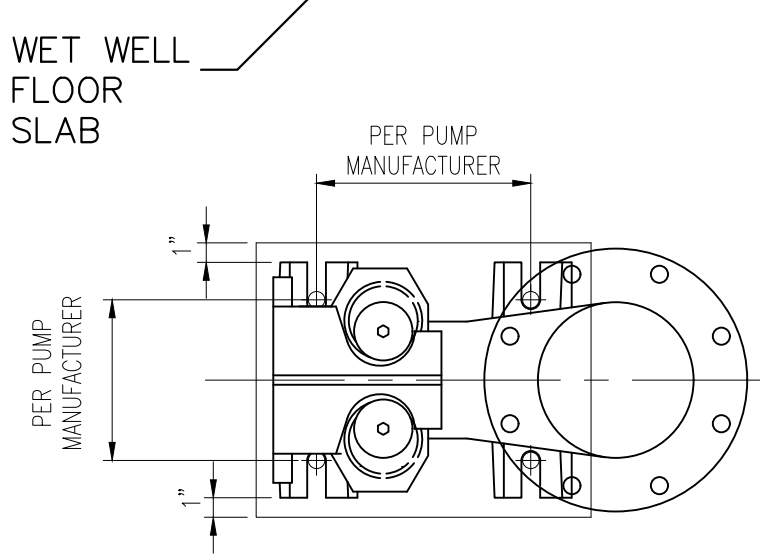
PLAN
N.T.S.



BACKFLOW PREVENTER WITH HOSE BIBB
N.T.S.

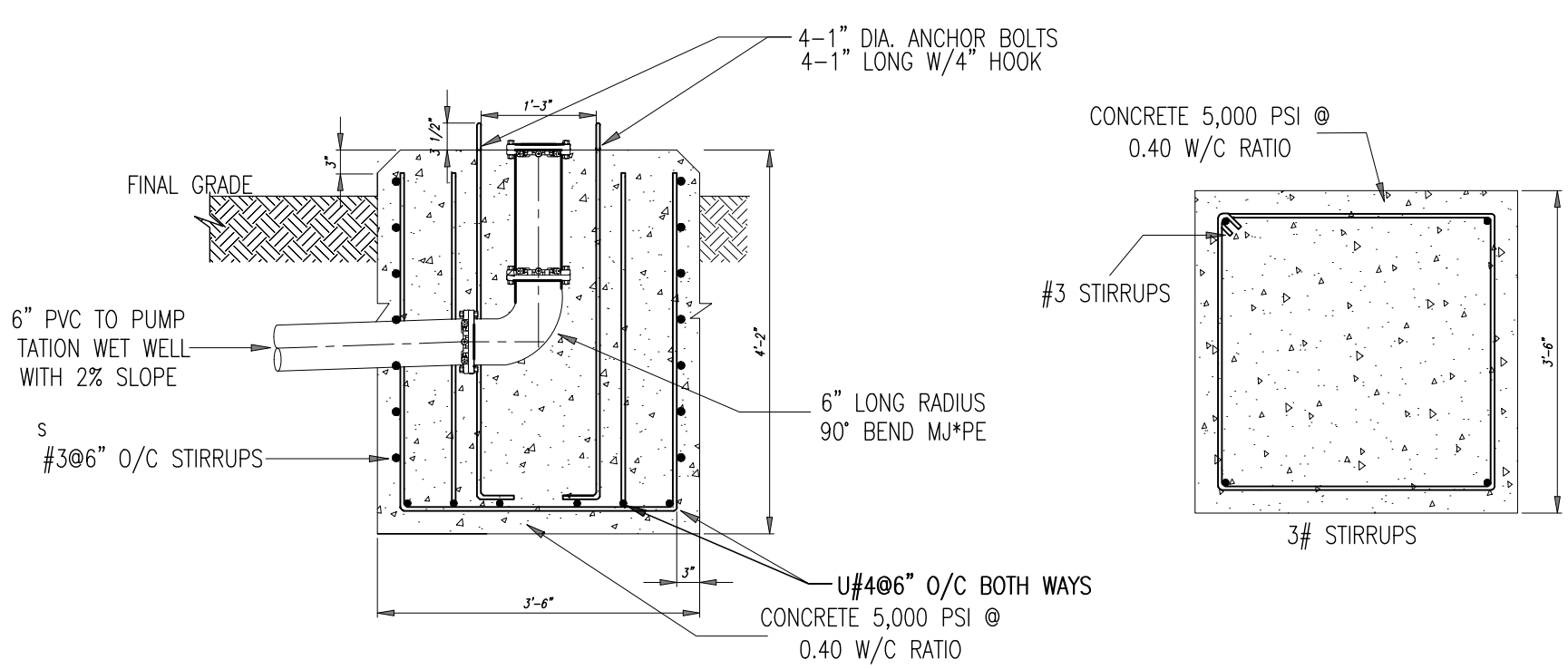


BASE PLATE DETAIL
N.T.S.

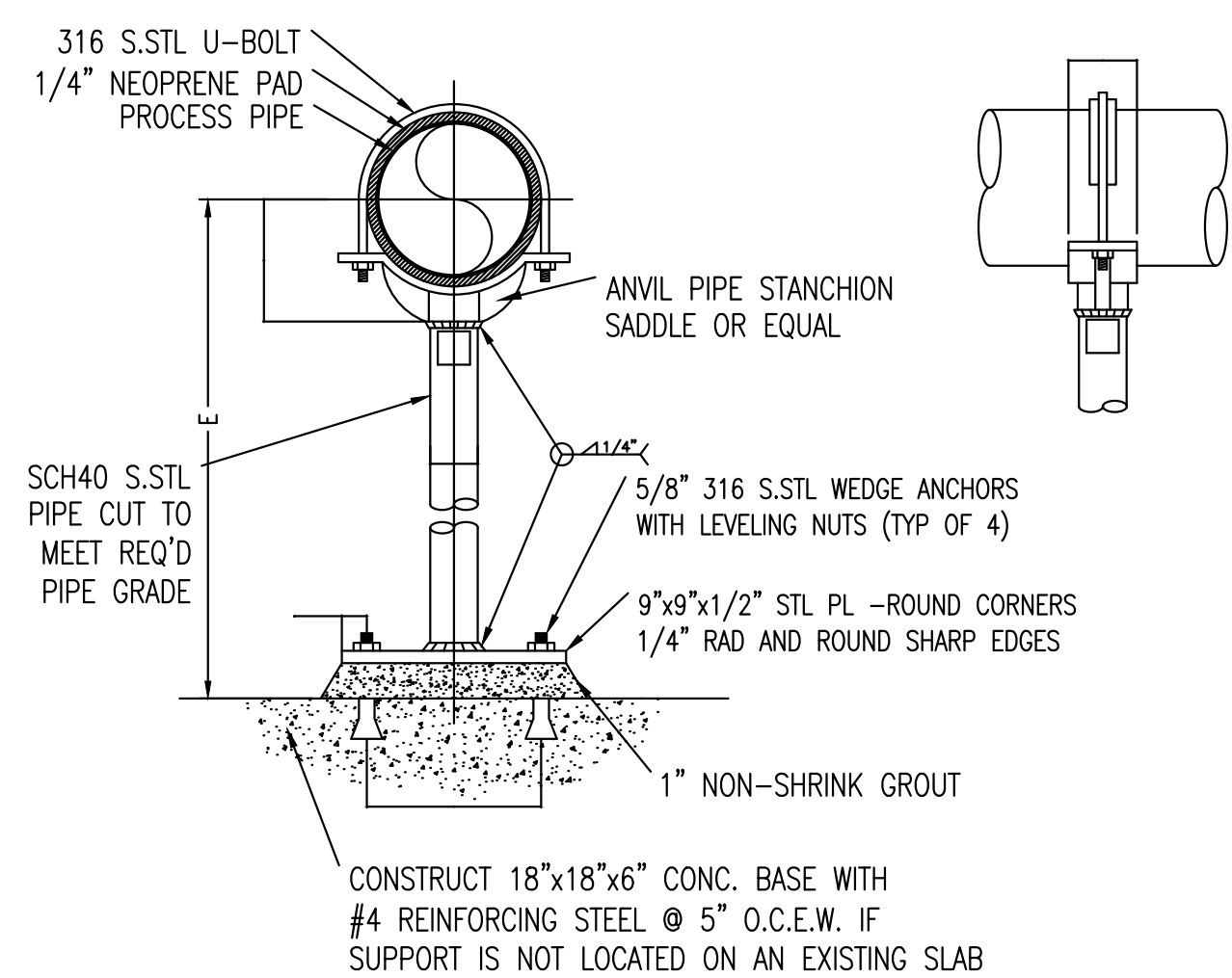
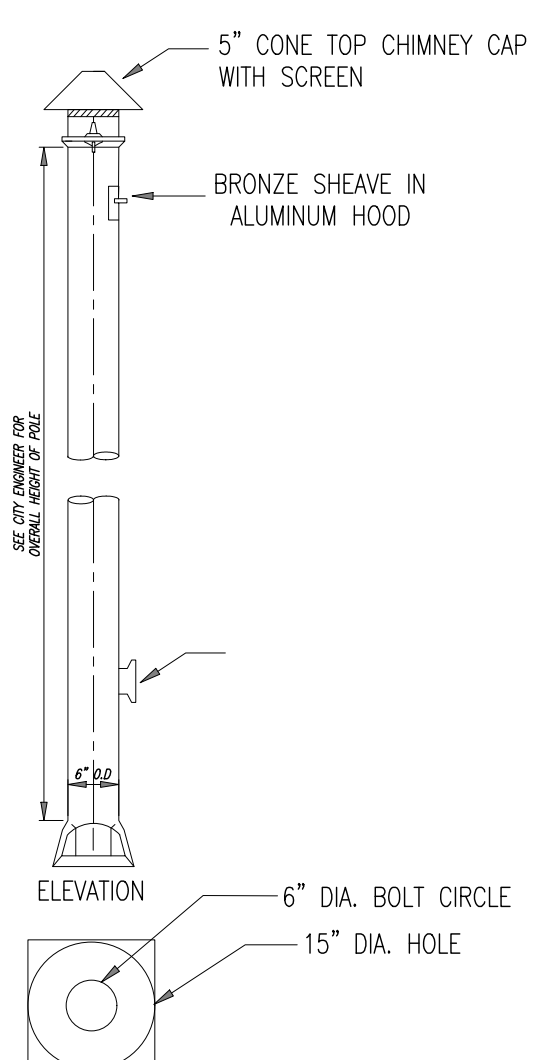


- NOTES:**
1. STAINLESS STEEL TO AS 2837-1986; WROUGHT ALLOY STEELS-STAINLESS STEEL BARS AND SEMI-FINISHED PRODUCT GRADE 316 (316 IF WELDED) UNLESS OTHERWISE NOTED.
 2. DIM "X" TO BE MEASURED AND CONFIRMED ON SITE

VERTICAL PIPE SUPPORT DETAIL
N.T.S.



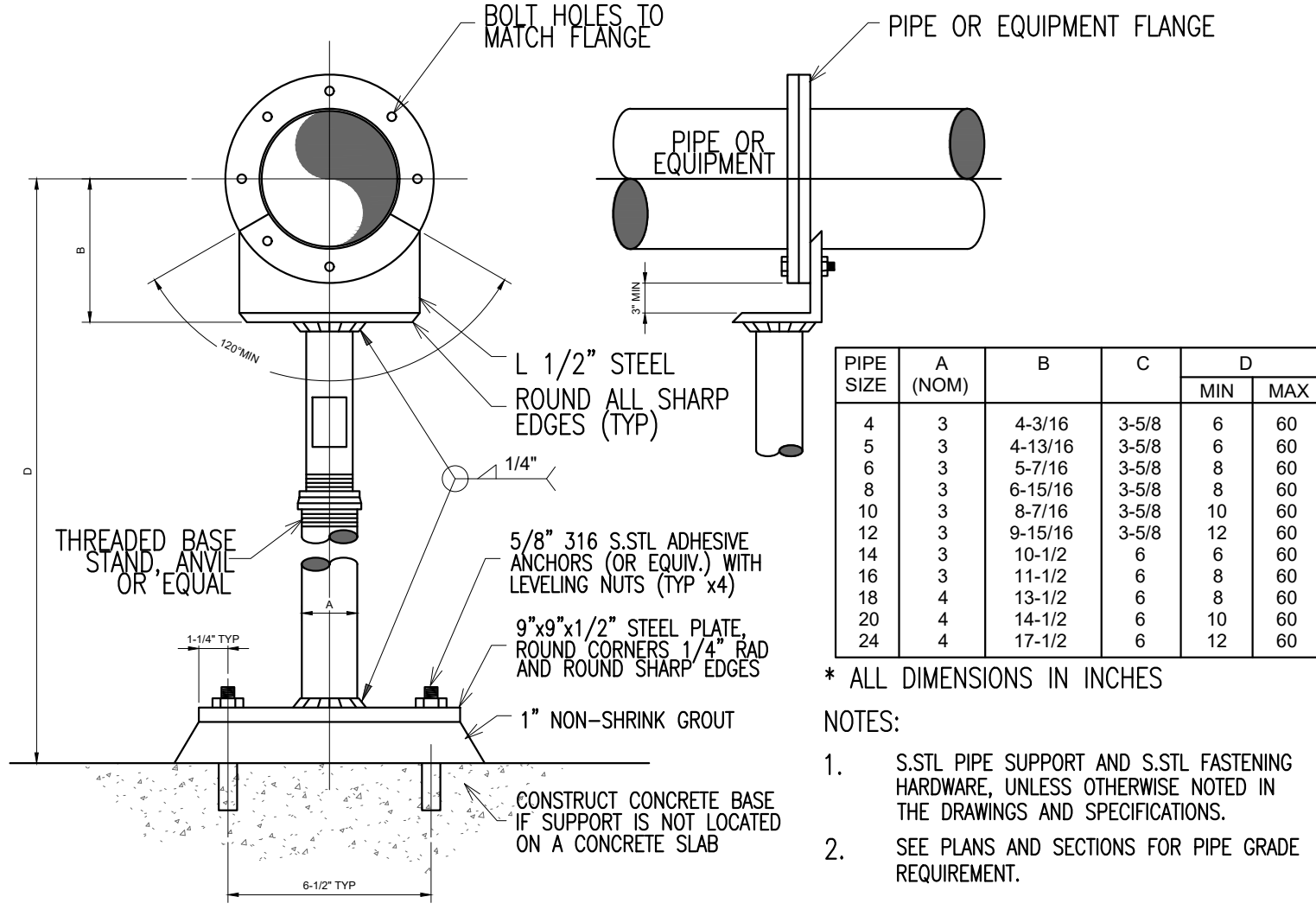
FLAG POLE FOUNDATION AND VENT DETAIL
N.T.S.



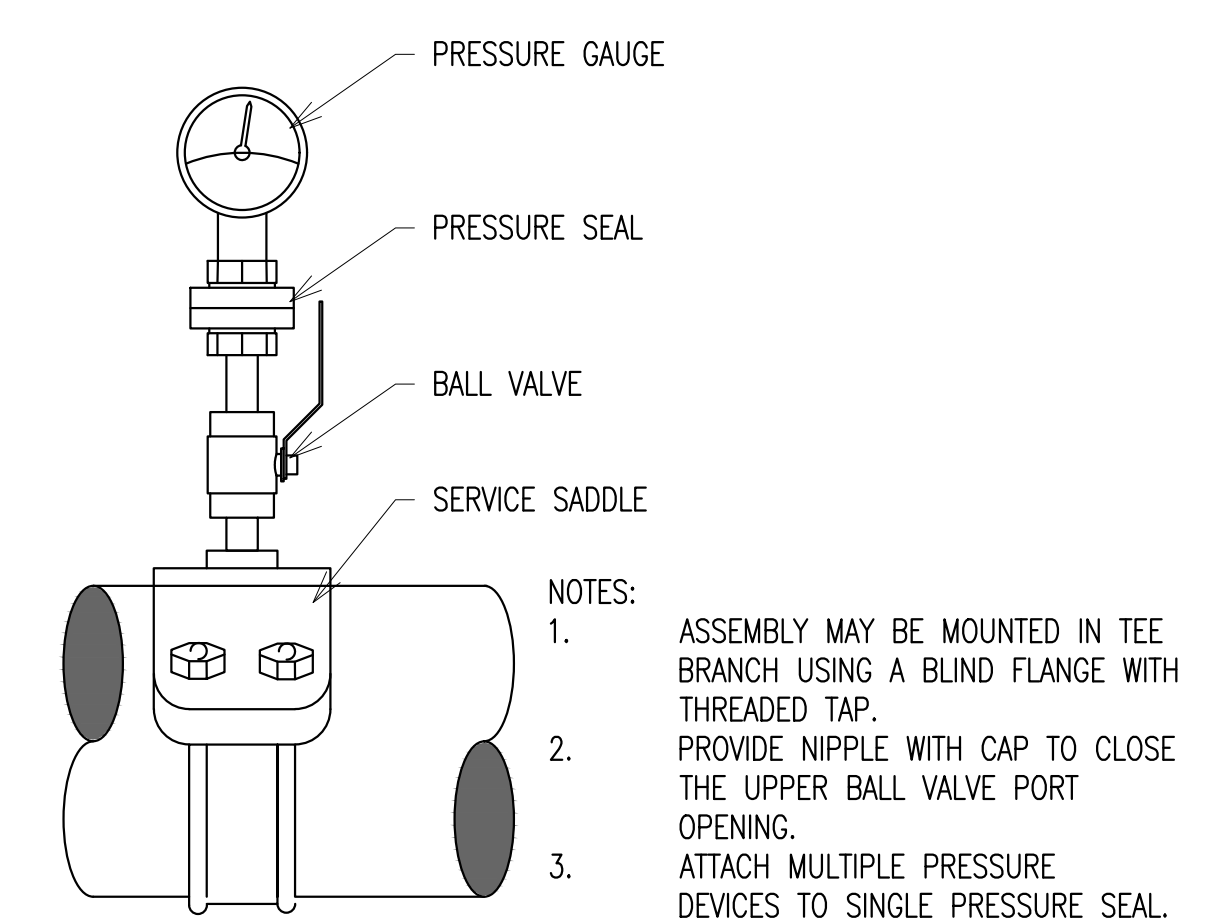
PIPE SUPPORT-STANCHION SADDLE
N.T.S.

PIPE SIZE	A	B	C	D	E	
					MIN	MAX
4	3	4-3/16	3-5/8	1	6	60
5	3	4-13/16	3-5/8	1	6	60
6	3	5-7/16	3-5/8	1	8	60
8	3	6-15/16	3-5/8	1	8	60
10	3	8-7/16	3-5/8	1	10	60
12	3	9-15/16	3-5/8	1	12	60
14	3	10-1/2	6	1	6	60
16	3	11-1/2	6	1	8	60
18	4	13-1/2	6	1	8	60
20	4	14-1/2	6	1	10	60
24	4	17-1/2	6	1	12	60
26	4	18-1/2	6	1	6	60
30	4	20-5/8	6	1	8	60
32	4	21-5/8	6	1	8	60
36	4	23-5/8	6	1	10	60

- * ALL DIMENSIONS IN INCHES
- NOTES:**
1. HOT-DIP GALVANIZE ENTIRE PIPE SUPPORT AFTER FABRICATION (EXCEPT FOR STAINLESS STEEL FASTENING HARDWARE).
 2. SEE PLANS AND SECTIONS FOR PIPE GRADE REQUIREMENT (DIMENSION "E").
 3. PIPE SUPPORT SHALL BE HOT DIPPED GALVANIZED, STAINLESS STEEL, OR UNLESS OTHERWISE NOTED ON THE DRAWINGS AND SPECIFICATIONS.



PIPE SUPPORT-STANCHION FLANGE
N.T.S.



PRESSURE GAUGE WITH SEAL
N.T.S.

- NOTES:**
1. ASSEMBLY MAY BE MOUNTED IN TEE BRANCH USING A BLIND FLANGE WITH THREADED TAP.
 2. PROVIDE NIPPLE WITH CAP TO CLOSE THE UPPER BALL VALVE PORT OPENING.
 3. ATTACH MULTIPLE PRESSURE DEVICES TO SINGLE PRESSURE SEAL.

PERMIT SET

KHA PROJECT: 043904007
 DATE: 4/20/2023
 SCALE: AS SHOWN
 DESIGNED BY: KEG
 DRAWN BY: CDT
 CHECKED BY:

KHA PROJECT: 043904007
 DATE: 4/20/2023
 SCALE: AS SHOWN
 DESIGNED BY: KEG
 DRAWN BY: CDT
 CHECKED BY:

CITY OF CORAL GABLES
 PUMP STATION CITY NO. 6
 IMPROVEMENTS

PERMIT SET

Revisions

SHEET NUMBER
M-05

No.

By

Date

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