

# CITY OF TAUNTON, MASSACHUSETTS

BRISTOL COUNTY, MA

## 2023 PUMP STATION IMPROVEMENTS

CONTRACT NO. S-2023-2

CWSRF-7210

APRIL 2023

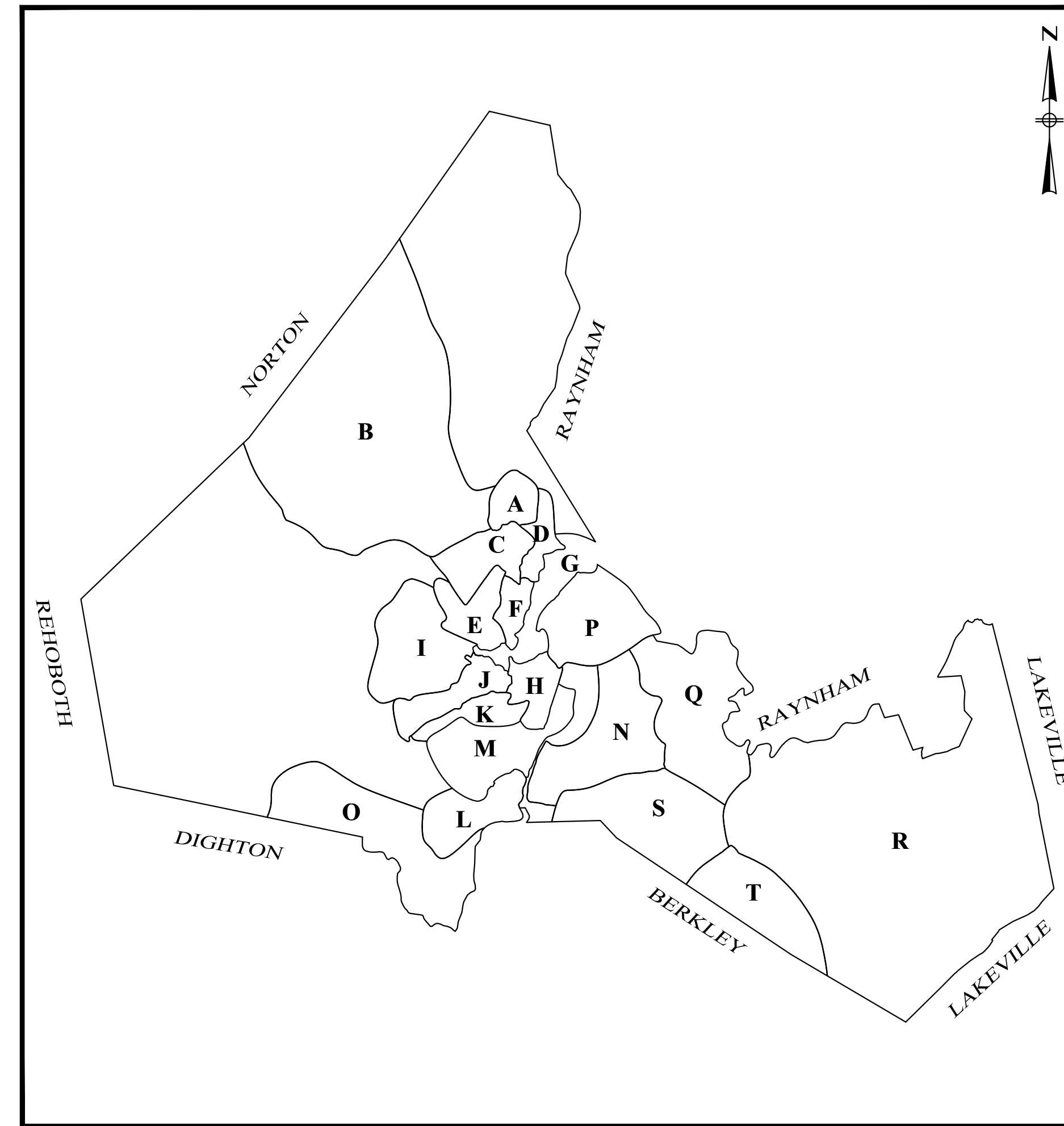


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**PROJECT LOCATION MAP**  
NOT TO SCALE

**ISSUED FOR SRF REVIEW  
NOT FOR CONSTRUCTION**

PREPARED BY:



ISSUE DATE: 5/6/2022



4/7/2023  
REGISTERED PROFESSIONAL DATE

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## ELECTRICAL

# LEGEND

## GENERAL SYMBOLS

### EXISTING

	CURB OR BERM (TYPE AS NOTED)
	EDGE OF PAVEMENT
	CATCH BASIN (OR GUTTER INLET)
	DRAIN MANHOLE
	BRADLEY HEAD CATCH BASIN
	SEWER MANHOLE
	WATER VALVE
	CURB STOP
	GAS VALVE
	HYDRANT
	UTILITY POLE
	ELECTRIC MANHOLE
	SIGN
	BOLLARD
	TREE
	DRAIN PIPE (SIZE AS NOTED)
	SEWER MAIN (SIZE AS NOTED)
	SEWER SERVICE
	SEWER FORCE MAIN (SIZE AS NOTED)
	ELECTRIC DUCT
	GAS MAIN (SIZE AS NOTED)
	WATER MAIN
	TELEPHONE DUCT
	OVERHEAD WIRES
	CHAIN LINKED FENCE
	GUARDRAIL
	PROPERTY LINE
	SHRUB
	CONSTRUCTION BASELINE
	CONTOUR MAJOR
	CONTOUR MINOR
	SEWER MANHOLE
	SEWER MAIN (SIZE AS NOTED)
	EROSION CONTROL BARRIER/ STRAW WATTLE
	CHAIN LINK FENCE

### PROPOSED

# ABBREVIATIONS

### GENERAL

ABAN.	ABANDON
ADJ.	ADJUST
APPROX.	APPROXIMATE
BL.	BASELINE
BM	BENCH MARK
BIT.	BITUMINOUS
B.B.	BITUMINOUS BERM
B.C.	BITUMINOUS CURB
B.O.B.	BOTTOM OF BORING
BOS	BOTTOM OF SLOPE
BOW	BOTTOM OF WALL
BD OR BND	BOUND
BLDG.	BUILDING
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CONC.	CONCRETE
C.C.	CONCRETE CURB
DWY.	DRIVEWAY
E.P., E.O.P.	EDGE OF PAVEMENT
EL.	ELEVATION
EXIST. OR EX.	EXISTING
GAR.	GARAGE
GRAN.	GRANITE
G.C.	GRANITE CURB
G.E.	GRANITE EDGING
GRAV.	GRAVEL
GD	GROUND
HOR.	HORIZONTAL
HMA	HOT MIX ASPHALT
IP	IRON PIPE
LP	LOW POINT
MB	MAIL BOX
MHB	MASSACHUSETTS HIGHWAY BOUND
MAX.	MAXIMUM
MIN.	MINIMUM
N.T.S.	NOT TO SCALE
PVMT.	PAVEMENT
PEB	PERMANENT EASEMENT BOUNDARY
P OR PROP. LINE	PROPERTY LINE
PROP.	PROPOSED
R&D	REMOVE & DISPOSE
REM.	REMOVE
REMOD.	REMODEL
RET.	RETAINING
ROW	RIGHT-OF-WAY
S.H.L.	STATE HIGHWAY LAYOUT LINE
TBD	TO BE DETERMINED
TOS	TOP OF SLOPE
TOW	TOP OF WALL
TYP.	TYPICAL

### UTILITIES

ACCOMP	ASPHALT COATED CORRUGATED METAL PIPE
BH-#	BRADLEY HEAD STYLE DRAIN STRUCTURE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CIP	CAST IRON PIPE
CIT	CHANGE IN TYPE
CL	CLASS (PIPE, CONCRETE, EXCAVATION, ETC.)
COND.	CONDUIT
CAP	CORRUGATED ALUMINUM PIPE
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED PLASTIC PIPE
CSP	CORRUGATED STEEL PIPE
CULV.	CULVERT
CI	CURB INLET OR CAST IRON
DI	DUCTILE IRON
DMH	DRAIN MANHOLE
EL. (OR ELEV.)	ELEVATION
FM	FORCE MAIN
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
F&I	FURNISH AND INSTALL
GIP	GALVANIZED IRON PIPE
GG	GAS GATE
GI	GUTTER INLET
HDW	HEADWALL
HYD.	HYDRANT
INV.	INVERT ELEVATION
LP	LIGHT POLE
MH	MANHOLE
PVC	POLY-VINYL-CHLORIDE PIPE
PWW	PAVED WATER WAY
R&D	REMOVE & DISPOSE
RCP	REINFORCED CONCRETE PIPE
SMH	SEWER MANHOLE
SD	SUBDRAIN
TSV&B	TAPPING SLEEVE, VALVE AND BOX
TS	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
UP	UTILITY POLE
VCP, VC	VITRIFIED CLAY PIPE
WG	WATER GATE
WM	WATER METER/WATER MAIN
WIP	WROUGHT IRON PIPE

PREPARED BY



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REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station  
Improvements**

Taunton, MA

TITLE

**LEGNED & INDEX**

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

NONE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

SHEET NO.

G-1

# GENERAL CIVIL NOTES

## GENERAL

- 1) THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE THE SPECIFICATIONS FOR THIS CONTRACT. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS IN ADDITION TO THE GENERAL NOTES.
- 2) THE CONTRACTOR SHALL CONFINE ALL ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE INDICATED LIMITS OF WORK AS SHOWN IN THE CONTRACT DRAWINGS. ALL SURFACES DAMAGED OUTSIDE THESE LIMITS BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
- 3) ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND INSPECTION OF SUCH CONTROLS DURING CONSTRUCTION. UPON STABILIZATION, ALL EROSION CONTROL DEVICES AND ACCUMULATED ERODED MATERIAL SHALL BE REMOVED. SEE SOIL EROSION AND SEDIMENTATION CONTROL NOTES.
- 4) DUST CONTROL, USING CALCIUM CHLORIDE, SHALL BE PROVIDED FOR ALL SURFACES OF BACK FILLED AREAS, ALL EQUIPMENT ACCESS ROADWAYS AND/OR AS OTHERWISE DIRECTED BY THE OWNER/ENGINEER.

## MAPPING

- 5) THE BASE PLANS PROVIDED ARE BASED ON AVAILABLE RECORD INFORMATION AND FIELD INSPECTIONS COMPLETED BY BETA.
- 6) HORIZONTAL DATUM - COORDINATE VALUES REFER TO NORTH AMERICAN DATUM OF 1983 (NAD 83), MASSACHUSETTS STATE PLAN, MAINLAND ZONE.
- 7) VERTICAL DATUM - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 8) THE LOCATION, SIZE, AND MATERIAL OF EXISTING PIPES, DUCTS, CONDUITS AND OTHER UNDERGROUND STRUCTURES AND/OR UTILITIES SHOWN ON THESE PLANS ARE FROM THE BEST AVAILABLE SOURCES AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES, UTILITIES OR STRUCTURES ARE SHOWN. EXACT LOCATION TO BE DETERMINED BY CONTRACTOR IN FIELD.
- 9) EXISTING UTILITIES HAVE BEEN PLOTTED FROM THE BEST AVAILABLE DATA AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY ALL UTILITY COMPANIES (PUBLIC AND PRIVATE). IN ADDITION, "DIG SAFE" MUST BE CONTACTED AT (1888)-DIG-SAFE 48 HOURS IN ADVANCE OF CONSTRUCTION.
- 10) THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
- 11) "AS-BUILT" DRAWINGS MAY BE EXAMINED AT THE CITY OF TAUNTON ENGINEERING OFFICE. THE OWNER DOES NOT GUARANTEE THE CORRECTNESS OF THE CONTENTS OF THESE PLANS. THE CONTRACTOR IS CAUTIONED AGAINST RELYING SOLELY ON THE "AS-BUILTS" WITHOUT VERIFYING THE SAME BY FIELD INVESTIGATIONS.
- 12) PROPERTY LINES AND CITY/TOWN LINES ARE SHOWN FOR INFORMATION ONLY.

## TEST PITS

- 13) THE CONTRACTOR MUST NOTIFY DIG-SAFE 48 HOURS PRIOR TO ANY EXCAVATION OR DEMOLITION WORK IN PUBLIC OR PRIVATE WAYS OR UTILITY COMPANY RIGHT-OF-WAY OR EASEMENT.
- 14) PRIOR TO THE START OF ANY CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT TEST PITS AS SHOWN, AND AT ALL LOCATIONS WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING OR STRUCTURES, AT LOCATIONS WHERE CONFLICTS BETWEEN EXISTING PIPING OR STRUCTURES AND PROPOSED PIPING MAY OCCUR, AND WHERE DIRECTED BY THE ENGINEER. CONDUCT TEST PITS TO FIELD VERIFY THE EXACT SIZE, MATERIAL, LOCATION, INVERT ELEVATION AND ALIGNMENT (VERTICAL AND HORIZONTAL) OF EXISTING UNDERGROUND PIPES AND STRUCTURES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN PROPOSED PIPING AND EXISTING PIPING PRIOR TO STARTING INSTALLATION OF THE PROPOSED PIPING.
- 15) TEST PITS SHOWN OR INDICATED ON DRAWINGS ARE TO BE CONDUCTED AT THE BEGINNING OF THE PROJECT. PROVIDE RECORD OF UTILITY ELEVATION TO ENGINEER UPON COMPLETION OF TEST PIT. OTHER TEST PITS MAY BE REQUIRED DURING THE COURSE OF WORK. CONTRACTOR SHALL CONDUCT TEST PITS WHERE CONFLICTS BETWEEN EXISTING PIPING AND PROPOSED PIPING MAY OCCUR OR WHERE DIRECTED BY ENGINEER.
- 16) ALL DIMENSIONS AND JOB RELATED CONDITIONS ARE TO BE VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES FOUND ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER/ENGINEER AND PROPERLY RESOLVED BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. CONTINUATION WITH OTHER ASPECTS OF THE WORK SHALL PROCEED WITHOUT DELAY OR CAUSE FOR CLAIM.

## EXISTING UTILITIES

- 17) EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE PROTECTED AND SUPPORTED AT ALL TIMES BY THE CONTRACTOR. ALL EXISTING SERVICES TO BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO INTERFERE AS LITTLE AS POSSIBLE WITH EXISTING UTILITIES. PAYMENT FOR PROVIDING SAID PROTECTION AND SUPPORTS SHALL BE CONSIDERED A PART OF AND PAID FOR UNDER THE APPROPRIATE PIPE OR STRUCTURE ITEMS UNLESS OTHERWISE INDICATED AND/OR DIRECTED BY THE OWNER. THE CONTRACTOR SHALL HAVE NO CLAIM FOR ADDITIONAL COMPENSATION BY REASON OF DELAY AND/OR INCONVENIENCE IN ADAPTING HIS OPERATIONS ACCORDINGLY.
- 18) WHERE AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR THE RESOLUTION OF THE CONFLICT.
- 19) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION, RELOCATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, CABLE TV, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES WITH THE UTILITY COMPANIES AS REQUIRED. CONTRACTOR TO COORDINATE AND SCHEDULE ANY AND ALL UTILITY RELOCATIONS WITH AFFECTED UTILITY COMPANY PRIOR TO CONSTRUCTION.
- 20) CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGED UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS AT NO ADDITIONAL COST TO THE OWNER.

## REMOVAL AND DISPOSAL

- 21) THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS INCLUDING BUT NOT LIMITED TO, MANHOLES, CATCH BASINS, PIPING, CONCRETE AND BITUMINOUS PAVEMENT, COBBLES, ROCK, TREES AND STUMPS ETC. ALL GRIT AND DEBRIS FROM THE EXISTING STRUCTURES TO BE DEMOLISHED SHALL BE CONSIDERED "SPECIAL WASTE" AND SHALL BE REMOVED AND DISPOSED OF AS INDICATED IN THE SPECIFICATIONS (SPEC. 02769). ALL DEMOLITION MATERIAL INCLUDING CONCRETE, PIPE, AND BRICK THAT WAS IN CONTACT WITH SEWAGE SHALL BE CLEANED IN ACCORDANCE WITH MADEP REQUIREMENTS AND DISPOSED OF ACCORDINGLY. ONCE CLEANED, DEMOLITION MATERIALS SHALL NOT BE CONSIDERED SPECIAL WASTE.
- 22) NOTIFY APPROPRIATE UTILITY COMPANY TO TURN OFF AFFECTED SERVICES PRIOR TO REMOVAL AND DISPOSAL. SEAL WATER, SEWER, DRAINAGE AND GAS UTILITIES AND SERVICES AT EXCAVATION LIMITS OR AS REQUIRED, USING PLUGS, CAPS OR SEALS AS NEEDED.
- 23) UNDERGROUND PIPING TO BE ABANDONED AND REMAIN SHALL BE PROPERLY CAPPED UNLESS IT INTERFERES WITH NEW STRUCTURES OR AS INDICATED, SPECIFIED AND DIRECTED BY ENGINEER.
- 24) REMOVE AND DISPOSE OF ALL EXISTING BITUMINOUS CONCRETE, AS REQUIRED.

## SEWER AND DRAIN

- 25) WHERE EXISTING MATERIALS ARE ENCOUNTERED WHICH, IN THE OPINION OF THE OWNER/ENGINEER ARE UNSUITABLE FOR BEDDING, BACKFILLING, OR OTHER INTENDED USE, SUCH MATERIALS SHALL BE REMOVED AS DIRECTED AND REPLACED WITH SUITABLE GRAVEL

BORROW, CRUSHED STONE AND/OR SELECTED BORROW, AS DIRECTED BY THE OWNER/ENGINEER AND PAID FOR UNDER THE APPROPRIATE BID ITEMS.

- 26) INVERTS AND DIRECTIONS OF PIPES AND CONDUITS ARE SHOWN FOR THE PURPOSE OF INDICATING THE BASIC PARAMETERS USED DURING THE DESIGN. HOWEVER, MINOR CHANGES IN HORIZONTAL AND VERTICAL LOCATIONS MAY BE REQUIRED DURING CONSTRUCTION AS FIELD CONDITIONS WARRANT. FINAL LOCATIONS OF OTHER PIPES AND/OR CONDUITS SHALL BE DETERMINED IN THE FIELD. ANY CHANGES SHALL BE APPROVED BY THE ENGINEER.
- 27) WHERE PIPING IS TO BE CONNECTED TO EXISTING PIPING OR STRUCTURES, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ADAPTERS, FITTINGS AND ADDITIONAL PIPE (REQUIRED AS A RESULT OF CUTTING THE EXISTING PIPE BACK) TO COMPLETE THE CONNECTION AS REQUIRED.
- 28) EXISTING PIPES RETAINED, BUT WHICH MUST BE REMOVED IN ORDER TO INSTALL NEW PIPES, SHALL BE REINSTALLED OR REPLACED IN KIND.
- 29) SHOULD ANY SEWER OR SEWER SERVICE CONNECTION NEED TO BE RELAYED, THE SEWER SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN, SERVICES OR OTHER WATER FACILITIES. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS NOT POSSIBLE TO ACHIEVE AND MAINTAIN A 10-FOOT MINIMUM HORIZONTAL SEPARATION AS DETERMINED BY THE OWNER/ENGINEER, THE SEWER SHALL BE LAID SUCH THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER LINE. WHEN THE HORIZONTAL ALIGNMENT OR VERTICAL ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THE ABOVE REQUIREMENT AS DETERMINED BY THE OWNER/ENGINEER, THE SEWER SHALL BE ENCASED IN CONCRETE (MIN. 6-INCH THICKNESS) FOR AT LEAST 10-FEET EITHER SIDE OF THE AREA NOT COMPLYING WITH THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION AS DIRECTED BY THE OWNER/ENGINEER.
- 30) WHERE SEWERS CROSS ANY EXISTING OR PROPOSED WATER MAINS OR SERVICES, THE SEWER SHALL CROSS BENEATH THE WATER LINES AND LAID TO PROVIDE A MINIMUM VERTICAL SEPARATION OF 18-INCHES BETWEEN THE INVERT OF THE WATER LINE AND THE CROWN OF THE SEWER. WHEN THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THE ABOVE REQUIREMENT, THE SEWER AND/OR WATER LINE SHALL BE ENCASED IN CONCRETE (MIN. 6-INCH THICKNESS) FOR A DISTANCE OF 10-FEET ON EACH SIDE OF THE CROSSING, MEASURED PERPENDICULAR TO THE WATER LINE, OR AS DETERMINED AND DIRECTED BY THE OWNER/ENGINEER, OR THE WATER LINE SHALL BE RELOCATED TO COMPLY WITH THE REQUIRED MINIMUM DIMENSIONS FOR AN ACCEPTABLE SEPARATION AS STIPULATED ABOVE. RELOCATED WATER LINES SHALL BE APPROVED BY OWNER/ENGINEER AND CONSTRUCTED OF AWWA APPROVED MATERIAL FOR POTABLE WATER CONVEYANCE AND DESIGNED FOR THE REQUIRED WATER SERVICE PRESSURE FOR A DISTANCE OF 10-FEET ON EACH SIDE OF THE CROSSING, MEASURED PERPENDICULAR TO THE SEWER. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER LINE JOINTS.
- 31) WATER SERVICE CONNECTIONS SHALL BE PROTECTED THROUGHOUT THE WORK. REPLACEMENT OF ANY PORTION OF A WATER SERVICE, INCLUDING CORPORATION AND CURB STOP, SHALL BE CONSIDERED PART OF THE WORK AND SHALL NOT BE THE BASIS FOR ANY CLAIM AGAINST THE OWNER.

## SITE RESTORATION

- 32) EXCEPT WHERE NOTED BY PROPOSED CONTOUR LINES, ALL FINAL CONTOUR LINE ELEVATIONS SHALL BE THE SAME AS EXISTING CONTOUR LINE ELEVATIONS.
- 33) JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN TACK COAT AND BACKSAND.
- 34) ALL CURBING DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESET, RESTORED OR REPLACED IN KIND, IF DAMAGED, INCLUDING CEMENT CONCRETE, REGARDLESS OF ITS PROXIMITY TO THE DRAIN OR SEWER, AS DIRECTED BY THE OWNER/ENGINEER. PAYMENT SHALL BE CONSIDERED PART OF AND PAID FOR UNDER THE APPROPRIATE PIPE ITEMS AS APPLICABLE UNLESS OTHERWISE INDICATED ON PLANS.
- 35) ALL SIDEWALK AND WHEELCHAIR RAMP AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IN CONFORMANCE TO THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS AND THE ARCHITECTURAL ACCESS BOARD (AAB) REQUIREMENTS AT THE CONTRACTOR'S EXPENSE.
- 36) THE CONTRACTOR SHALL REMOVE AND RESET ALL SIGNS DISTURBED DURING CONSTRUCTION, IN CONFORMANCE WITH THE MASSACHUSETTS STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARDS.
- 37) ALL GRASSED OR WOODED AREAS DISTURBED BY THE CONSTRUCTION OPERATIONS SHALL BE LOAMED AND SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS. FINAL RESTORATION SHALL BE EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION AS DETERMINED SOLELY BY THE OWNER/ENGINEER. PAYMENT SHALL BE CONSIDERED PART OF AND PAID FOR UNDER THE APPROPRIATE BID ITEMS AS APPLICABLE UNLESS OTHERWISE INDICATED.

## MAINTENANCE OF EXISTING FLOWS

- 38) FLOW IN ALL SANITARY SEWERS TO BE MAINTAINED BY THE CONTRACTOR UNTIL THE MODIFICATIONS AND CONSTRUCTION ARE COMPLETE.
- 39) CONTRACTOR SHALL PROVIDE ACCESS TO THE CITY AS NECESSARY TO MAINTAIN THE EXISTING PUMP STATIONS.

## EXCAVATION SUPPORT & DEWATERING

- 40) ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WELL POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- 41) DISCHARGE FROM DEWATERING OPERATIONS SHALL NOT BE DIRECTLY DISCHARGED INTO THE SEWER OR DRAIN. ALL CONSTRUCTION DEWATERING SHALL HAVE SILT AND SEDIMENT REMOVED PRIOR TO DISCHARGE (SEE SPECIFICATIONS).

## SOIL EROSION AND SEDIMENTATION CONTROL

- 42) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (STAW WATTLES, HAY BALES, SILT FENCE, CATCH BASIN SILT SACKS, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED.
- 43) ALL EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. THE E&S CONTROLS SHALL BE CLEANED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION OPERATIONS AND UNTIL ALL DISTURBED AREAS ARE STABILIZED AFTER CONSTRUCTION IS COMPLETE. E&S CONTROLS SHALL BE INSPECTED AND CLEANED AFTER ALL STORM EVENTS AND UPON THE REQUEST OF THE OWNER OR ENGINEER. CONTRACTOR SHALL MAINTAIN AN ADEQUATE SUPPLY OF HAY BALES ON SITE TO BE INSTALLED IN AREAS WHERE EXISTING E&S CONTROLS HAVE FAILED OR AS DETERMINED NECESSARY BY THE ENGINEER. NO WORK OR STORAGE OF CONSTRUCTION EQUIPMENT WILL BE PERMITTED OUTSIDE THE LIMIT OF DISTURBANCE.
- 44) PROVIDE SOIL EROSION AND SEDIMENT CONTROL MEASURES AT PERIMETERS OF ALL EXCAVATION AREAS, DISTURBED SURFACES AND AT ALL CATCH BASINS ADJACENT TO DISTURBED AREAS. PROVIDE SILT FENCING AND HAY BALES IN ACCORDANCE WITH DIVISION 2 SPECIFICATION REQUIREMENTS AND AS SHOWN ON THE CIVIL DETAIL DRAWINGS.

PREPARED BY



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REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

## 2023 Pump Station Improvements

Taunton, MA

TITLE

NOTES

NO. REVISIONS DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

NONE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

Not for Construction

SHEET NO.

G-2



WELLESLEY CIR. PUMP STATION  
SHEETS C-3.1 & C-3.2


MYLES STANDISH BLVD. PUMP STATION  
SHEETS C-1.1 & C-1.2

INDUSTRIAL PARK PUMP STATION  
SHEET C-7.1 & C-7.2

PARTRIDGE CIR. PUMP STATION  
SHEETS C-2.1 & C-2.2

STEVENS RD. PUMP STATION  
SHEETS C-5.1 & C-5.2

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REGISTERED PROFESSIONAL

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SUBCONSULTANT

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PROJECT

**2023 Pump Station Improvements**

Taunton, MA

---

TITLE

**PROJECT LOCATION MAP I**

NO.	REVISIONS	DATE

---

DRAWN BY:	PN
DESIGNED BY:	AG
CHECKED BY:	CC
ISSUE DATE:	10/14/2022
BETA JOB NO.:	####

---

SCALE

NONE

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**Not for Construction**

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SHEET NO.

G-3



PREPARED BY



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PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**PROJECT LOCATION MAP II**

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: ####

SCALE

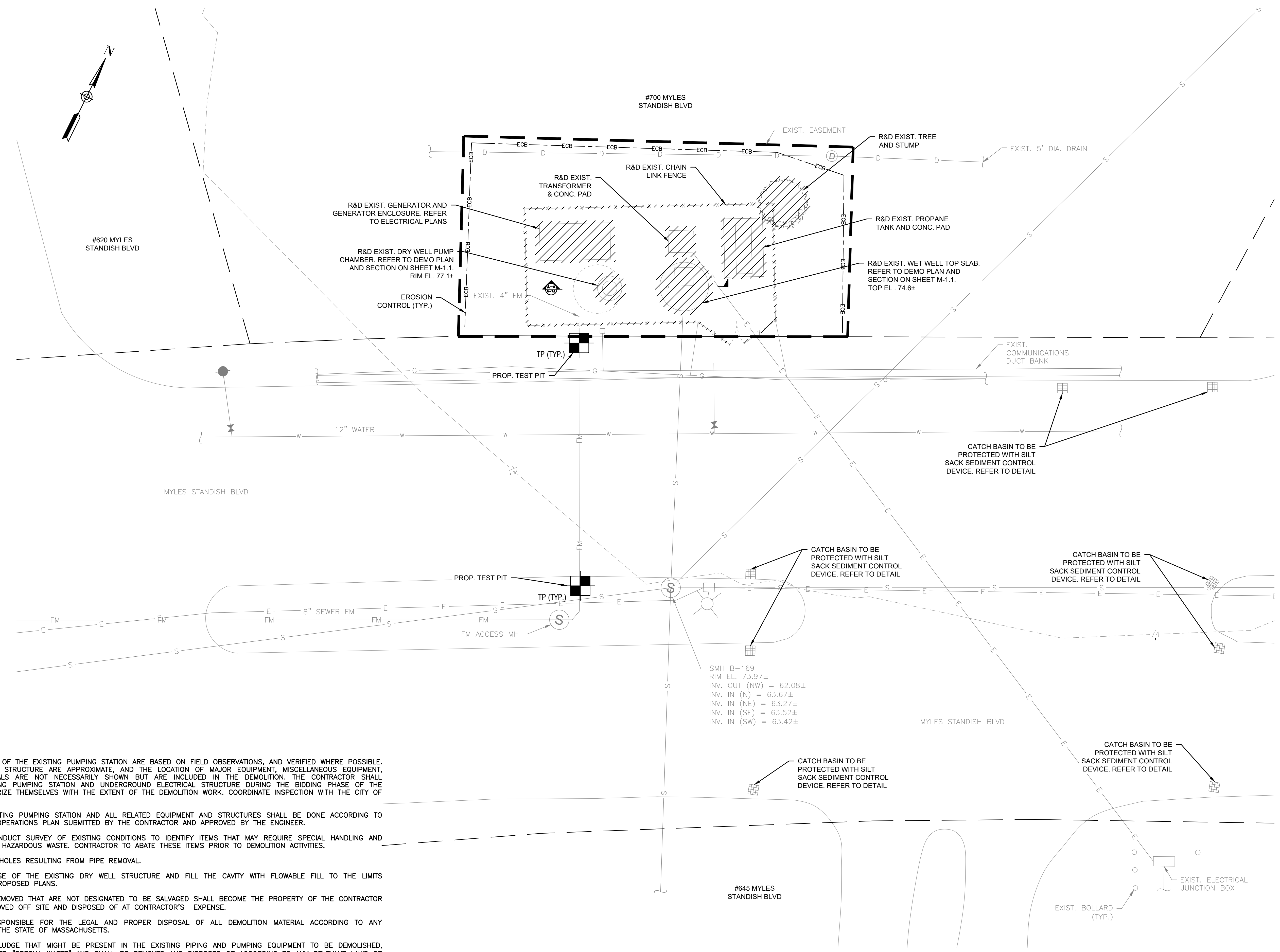
NONE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

SHEET NO.

G-4



**DEMOLITION NOTES:**

- PLANS AND SECTION OF THE EXISTING PUMPING STATION ARE BASED ON FIELD OBSERVATIONS, AND VERIFIED WHERE POSSIBLE. DIMENSIONS OF THE STRUCTURE ARE APPROXIMATE, AND THE LOCATION OF MAJOR EQUIPMENT, MISCELLANEOUS EQUIPMENT, PIPING AND MATERIALS ARE NOT NECESSARILY SHOWN BUT ARE INCLUDED IN THE DEMOLITION. THE CONTRACTOR SHALL INSPECT THE EXISTING PUMPING STATION AND UNDERGROUND ELECTRICAL STRUCTURE DURING THE BIDDING PHASE OF THE PROJECT TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF THE DEMOLITION WORK. COORDINATE INSPECTION WITH THE CITY OF TAUNTON.
- DEMOLITION OF EXISTING PUMPING STATION AND ALL RELATED EQUIPMENT AND STRUCTURES SHALL BE DONE ACCORDING TO THE SEQUENCE OF OPERATIONS PLAN SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- CONTRACTOR TO CONDUCT SURVEY OF EXISTING CONDITIONS TO IDENTIFY ITEMS THAT MAY REQUIRE SPECIAL HANDLING AND DISPOSAL INCLUDING HAZARDOUS WASTE. CONTRACTOR TO ABATE THESE ITEMS PRIOR TO DEMOLITION ACTIVITIES.
- PLUG AND CAP ALL HOLES RESULTING FROM PIPE REMOVAL.
- REMOVE AND DISPOSE OF THE EXISTING DRY WELL STRUCTURE AND FILL THE CAVITY WITH FLOWABLE FILL TO THE LIMITS DEPICTED ON THE PROPOSED PLANS.
- MATERIALS TO BE REMOVED THAT ARE NOT DESIGNATED TO BE SALVAGED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED OFF SITE AND DISPOSED OF AT CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR THE LEGAL AND PROPER DISPOSAL OF ALL DEMOLITION MATERIAL ACCORDING TO ANY RELEVANT LAWS OF THE STATE OF MASSACHUSETTS.
- ALL SEWAGE AND SLUDGE THAT MIGHT BE PRESENT IN THE EXISTING PIPING AND PUMPING EQUIPMENT TO BE DEMOLISHED, SHALL BE CONSIDERED "SPECIAL WASTE" AND SHALL BE REMOVED AND DISPOSED OF ACCORDING TO ANY RELEVANT LAWS OF THE STATE OF MASSACHUSETTS. ALL DEMOLITION MATERIAL INCLUDING CONCRETE, PIPE, AND BRICK THAT WAS IN CONTACT WITH SEWAGE SHALL BE CLEANED IN ACCORDANCE WITH MASSDEP REQUIREMENTS AND DISPOSED OF ACCORDINGLY. ONCE CLEANED, DEMOLITION MATERIALS SHALL NOT BE CONSIDERED SPECIAL WASTE.
- SITE SHALL BE GRADED TO ELEVATIONS ON SITE PLAN.

**GENERAL NOTES:**

- CONTRACTOR SHALL CONDUCT TEST PITS AS SHOWN WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, TO FIELD VERIFY THE EXACT SIZE, MATERIAL, LOCATION, INVERT ELEVATION AND ALIGNMENT (VERTICAL AND HORIZONTAL) OF EXISTING UNDERGROUND PIPING.
- THE CONTRACTOR SHALL MAKE TEST PITS AS REQUIRED IN ORDER TO ASCERTAIN THE EXACT LOCATION OF EXISTING UNDERGROUND UTILITIES.
- FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0134F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

**MYLES STANDISH PUMP STATION SITE PLAN**

SCALE: 1" = 10'-0"

PREPARED BY

www.BETA-Inc.com

REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**MYLES STANDISH PUMP STATION**

Existing Conditions

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: ----

SCALE

SCALE IN FEET: 1"=10'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

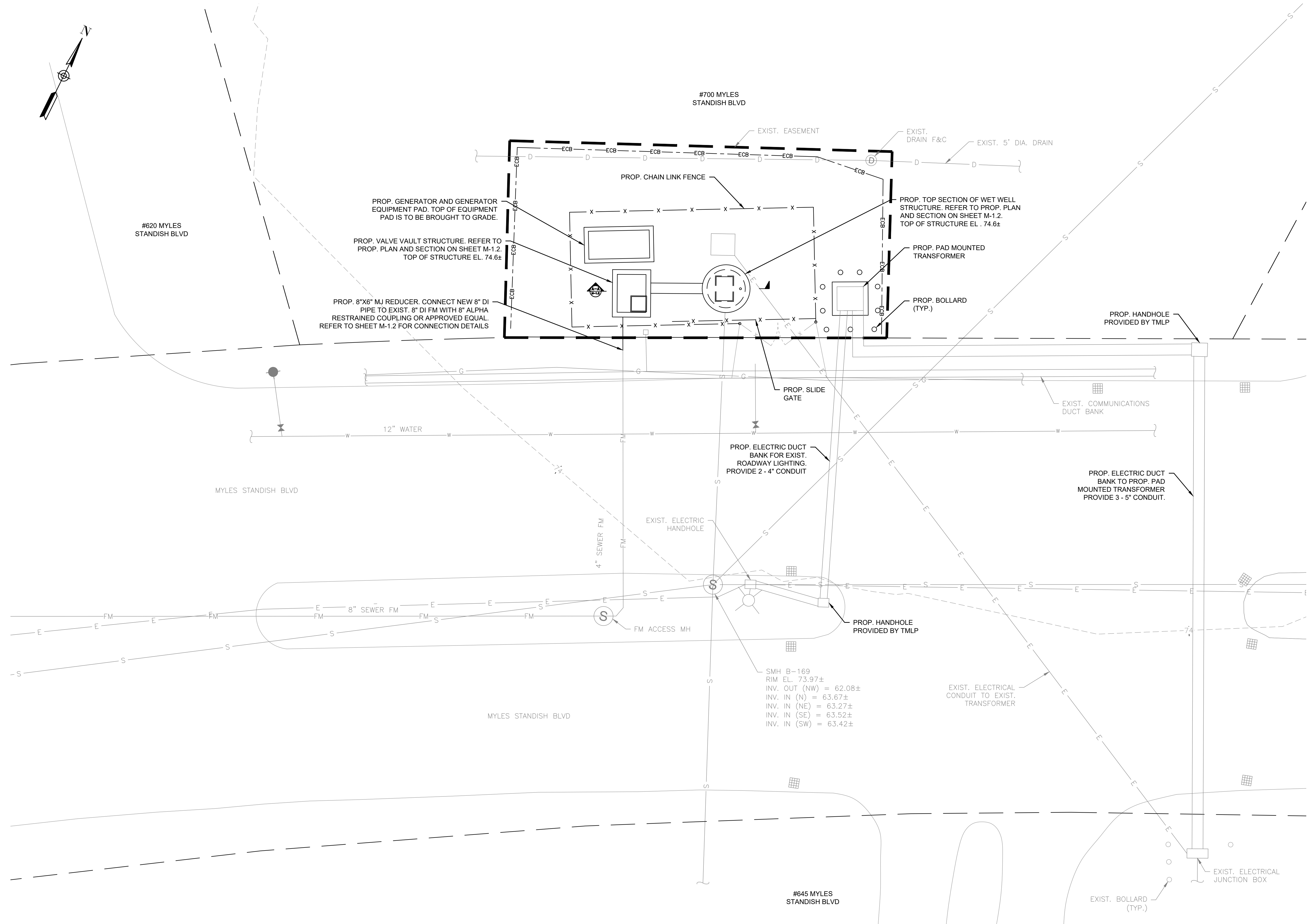
**Not for Construction**

SHEET NO.

C-1.1

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0134F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**MYLES STANDISH PUMP STATION PROPOSED SITE PLAN**  
SCALE: 1" = 10'-0"

PREPARED BY



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PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**MYLES STANDISH PUMP STATION**

Proposed Site Work


NO.	REVISIONS	DATE

DRAWN BY:

DESIGNED BY: PN

CHECKED BY: AG

ISSUE DATE: CC

BETA JOB NO.: 10685

SCALE

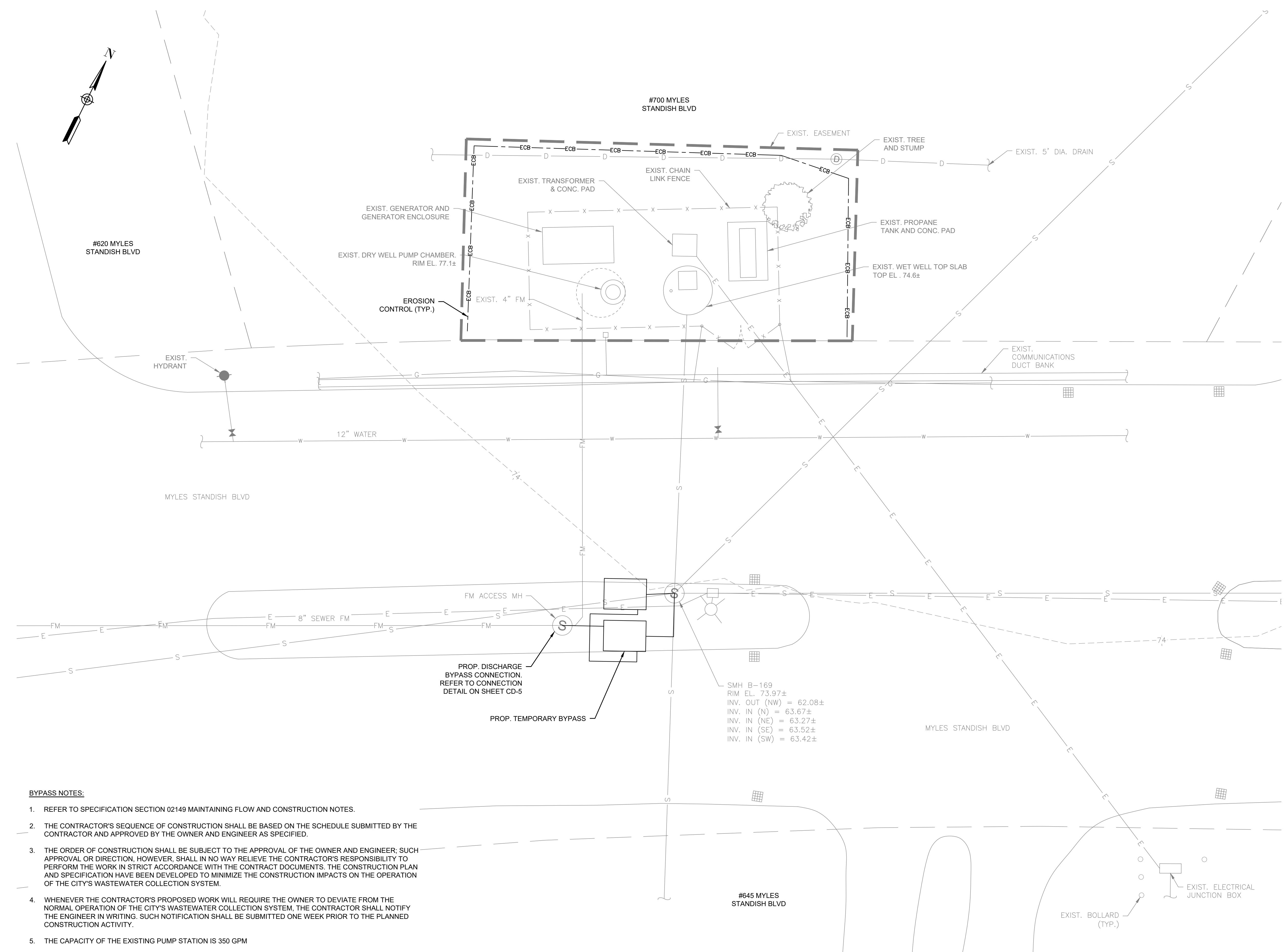


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**Not for Construction**


SHEET NO.

C-1.2



- BYPASS NOTES:**
1. REFER TO SPECIFICATION SECTION 02149 MAINTAINING FLOW AND CONSTRUCTION NOTES.
  2. THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION SHALL BE BASED ON THE SCHEDULE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND ENGINEER AS SPECIFIED.
  3. THE ORDER OF CONSTRUCTION SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND ENGINEER; SUCH APPROVAL OR DIRECTION, HOWEVER, SHALL IN NO WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE WORK IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONSTRUCTION PLAN AND SPECIFICATION HAVE BEEN DEVELOPED TO MINIMIZE THE CONSTRUCTION IMPACTS ON THE OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM.
  4. WHENEVER THE CONTRACTOR'S PROPOSED WORK WILL REQUIRE THE OWNER TO DEVIATE FROM THE NORMAL OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING. SUCH NOTIFICATION SHALL BE SUBMITTED ONE WEEK PRIOR TO THE PLANNED CONSTRUCTION ACTIVITY.
  5. THE CAPACITY OF THE EXISTING PUMP STATION IS 350 GPM

PREPARED BY



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---

REGISTERED PROFESSIONAL

---

SUBCONSULTANT

---

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

---

TITLE

**MYLES STANDISH PUMP STATION**

**Bypass Plan**

---

NO.	REVISIONS	DATE

---

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

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SCALE

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**Not for Construction**

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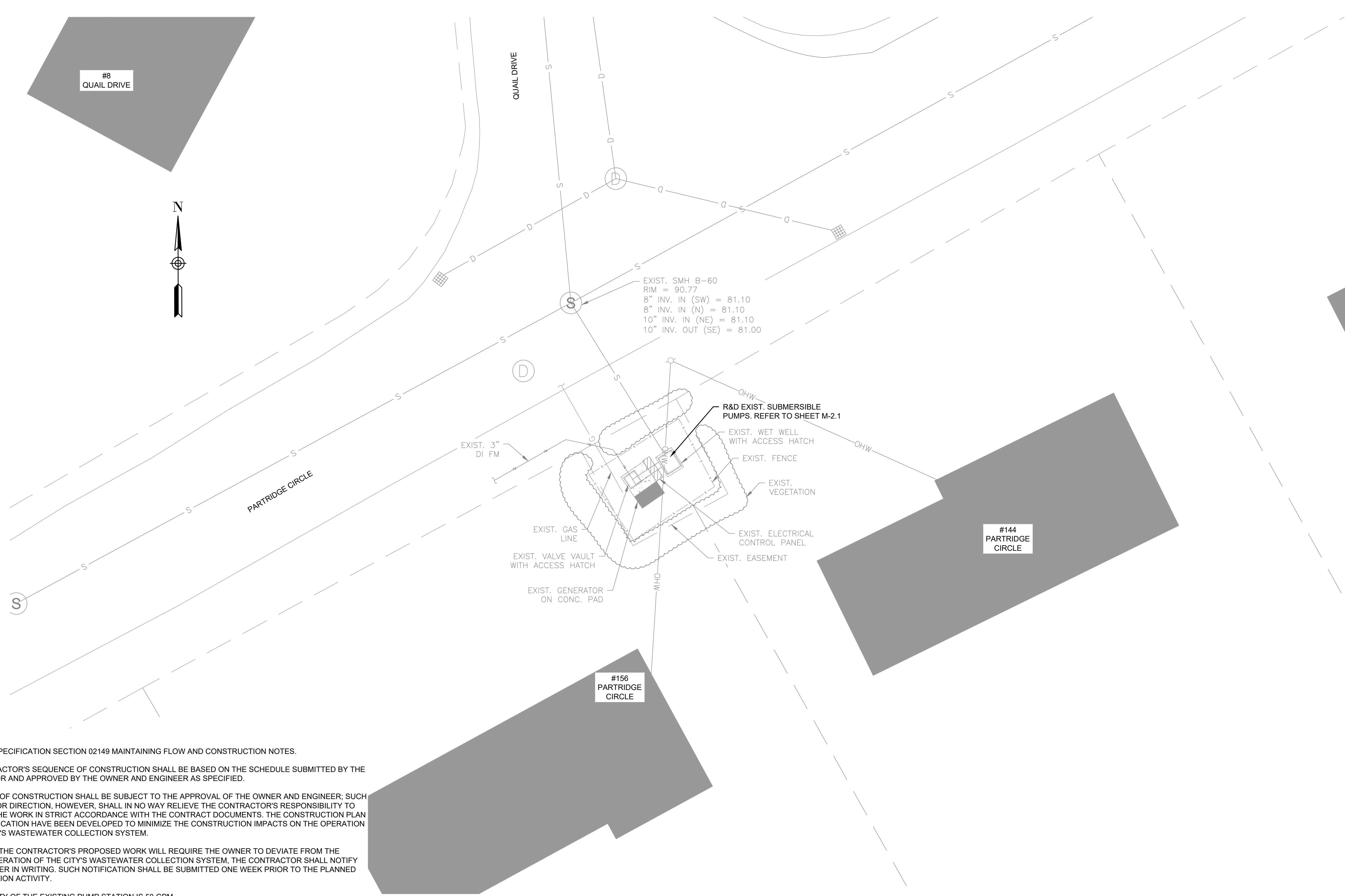
SHEET NO.

**C-1.3**



**GENERAL NOTES:**

- FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0161F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR PLAIN.



**BYPASS NOTES:**

- REFER TO SPECIFICATION SECTION 02149 MAINTAINING FLOW AND CONSTRUCTION NOTES.
- THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION SHALL BE BASED ON THE SCHEDULE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND ENGINEER AS SPECIFIED.
- THE ORDER OF CONSTRUCTION SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND ENGINEER; SUCH APPROVAL OR DIRECTION, HOWEVER, SHALL IN NO WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE WORK IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONSTRUCTION PLAN AND SPECIFICATION HAVE BEEN DEVELOPED TO MINIMIZE THE CONSTRUCTION IMPACTS ON THE OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM.
- WHENEVER THE CONTRACTOR'S PROPOSED WORK WILL REQUIRE THE OWNER TO DEVIATE FROM THE NORMAL OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING. SUCH NOTIFICATION SHALL BE SUBMITTED ONE WEEK PRIOR TO THE PLANNED CONSTRUCTION ACTIVITY.
- THE CAPACITY OF THE EXISTING PUMP STATION IS 50 GPM

**PARTRIDGE CIRCLE PUMP STATION SITE PLAN**

SCALE: 1" = 10'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**PARTRIDGE CIRCLE PUMP STATION**

Existing Conditions

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE



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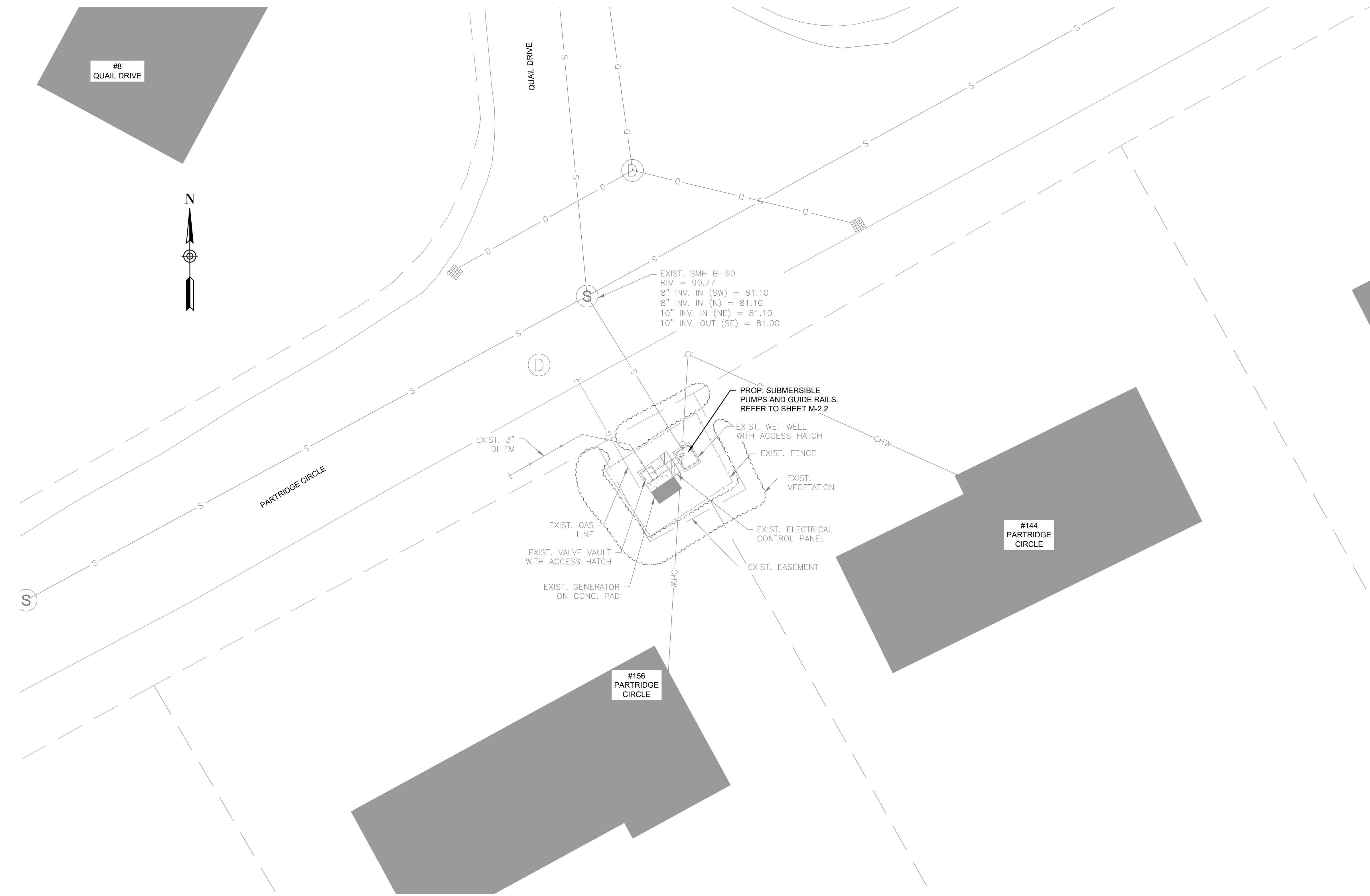
**Not for Construction**

SHEET NO.

C-2.1

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0161F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**PARTRIDGE CIRCLE PUMP STATION SITE PLAN**  
SCALE: 1" = 10'-0"

PREPARED BY



REGISTERED PROFESSIONAL

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PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**PARTRIDGE CIRCLE PUMP STATION**

Proposed Site Work

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE



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**Not for Construction**

SHEET NO.

C-2.2

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0164G PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

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PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**WELLESLEY CIRCLE  
PUMP STATION**

Existing Conditions


NO.	REVISIONS	DATE

DRAWN BY:	PN
DESIGNED BY:	AG
CHECKED BY:	CC
ISSUE DATE:	10/14/2022
BETA JOB NO.:	10685

SCALE

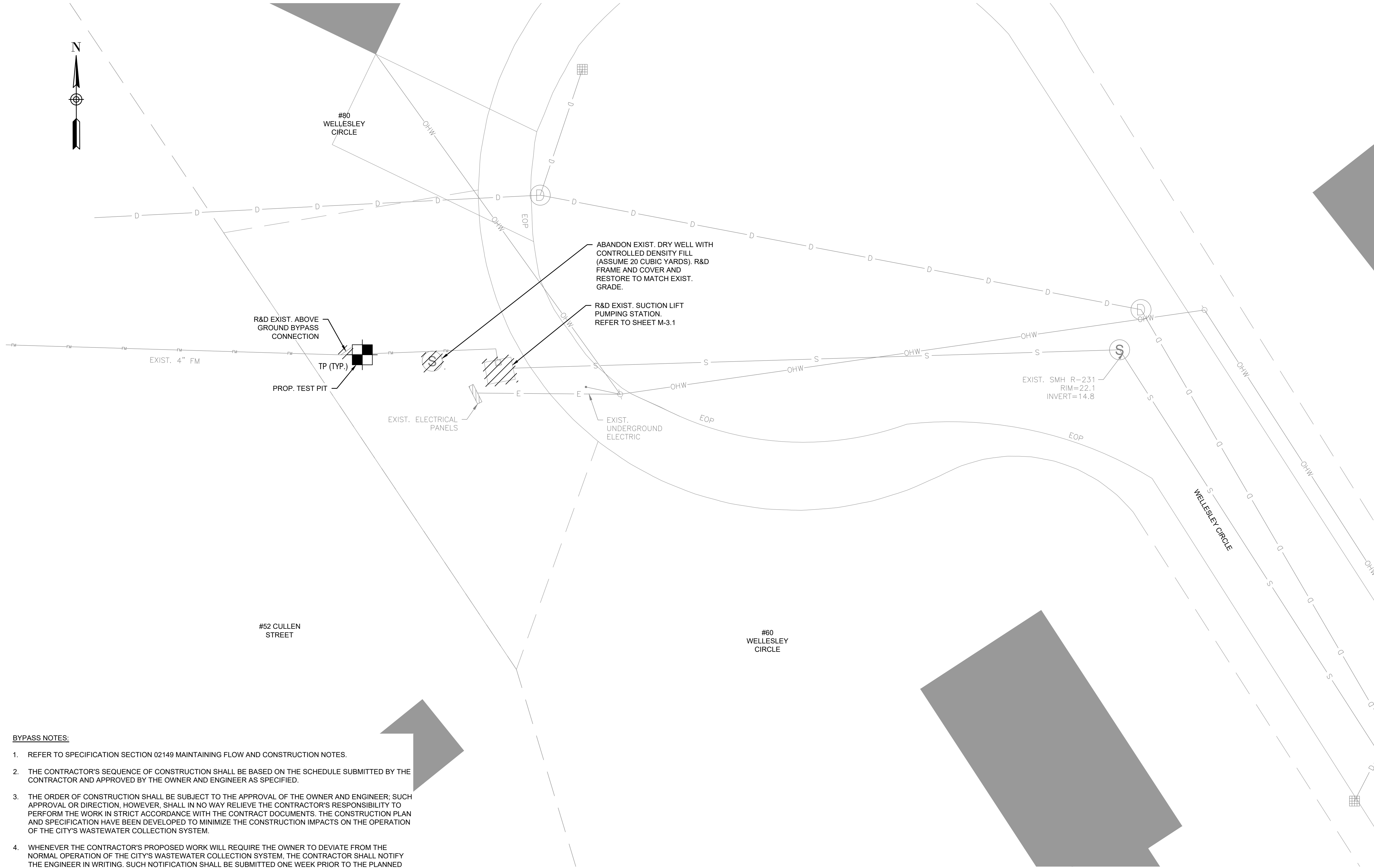


UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

SHEET NO.

C-3.1



**BYPASS NOTES:**

1. REFER TO SPECIFICATION SECTION 02149 MAINTAINING FLOW AND CONSTRUCTION NOTES.
2. THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION SHALL BE BASED ON THE SCHEDULE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND ENGINEER AS SPECIFIED.
3. THE ORDER OF CONSTRUCTION SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND ENGINEER. SUCH APPROVAL OR DIRECTION, HOWEVER, SHALL IN NO WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE WORK IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONSTRUCTION PLAN AND SPECIFICATION HAVE BEEN DEVELOPED TO MINIMIZE THE CONSTRUCTION IMPACTS ON THE OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM.
4. WHENEVER THE CONTRACTOR'S PROPOSED WORK WILL REQUIRE THE OWNER TO DEVIATE FROM THE NORMAL OPERATION OF THE CITY'S WASTEWATER COLLECTION SYSTEM, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING. SUCH NOTIFICATION SHALL BE SUBMITTED ONE WEEK PRIOR TO THE PLANNED CONSTRUCTION ACTIVITY.
5. THE CAPACITY OF THE EXISTING PUMP STATION IS 125 GPM

**WELLESLEY CIRCLE PUMP STATION SITE PLAN**  
SCALE: 1" = 10'-0"

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0164G PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

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REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**WELLESLEY CIRCLE PUMP STATION**

Proposed Site Work


NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

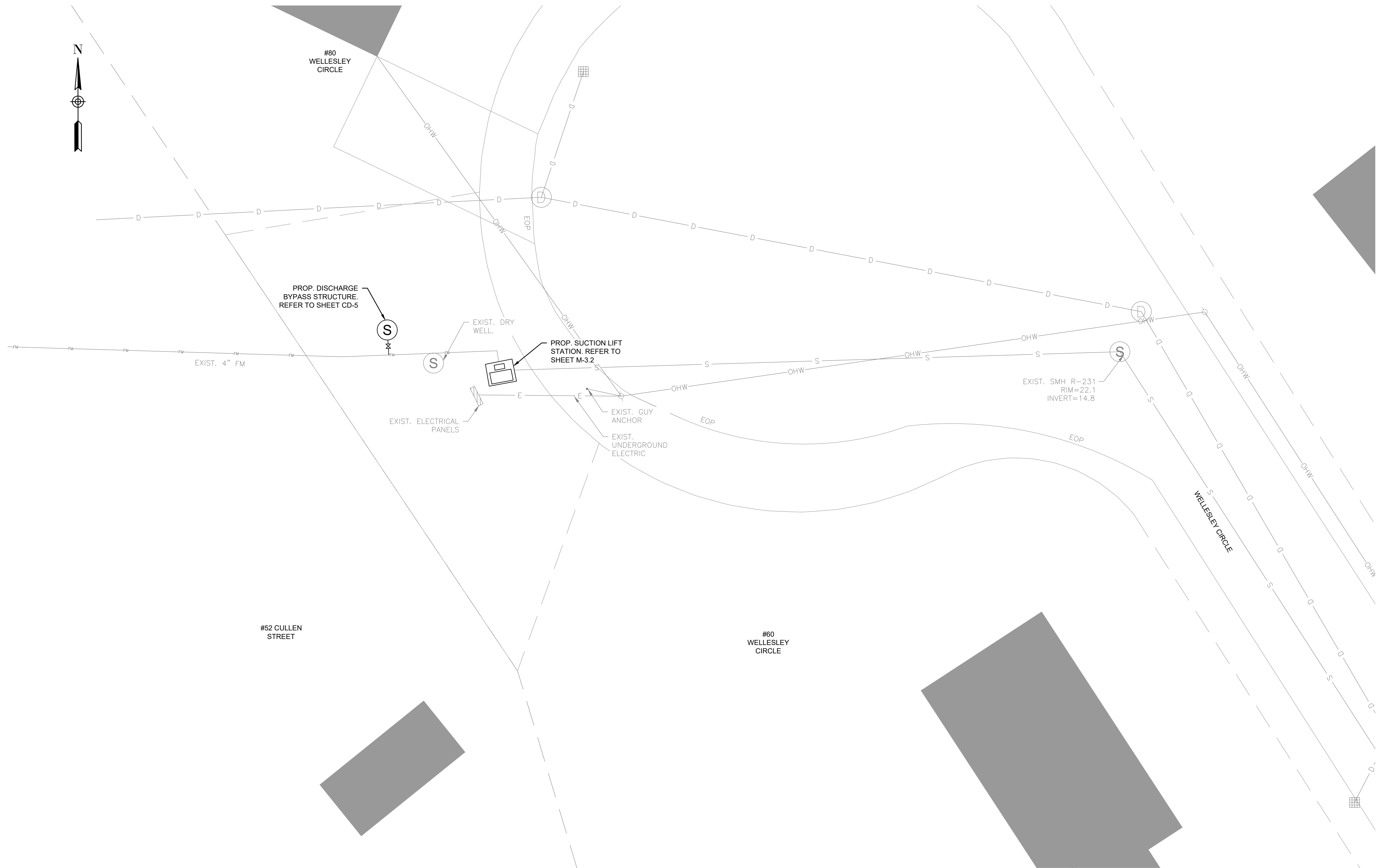


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**Not for Construction**

SHEET NO.

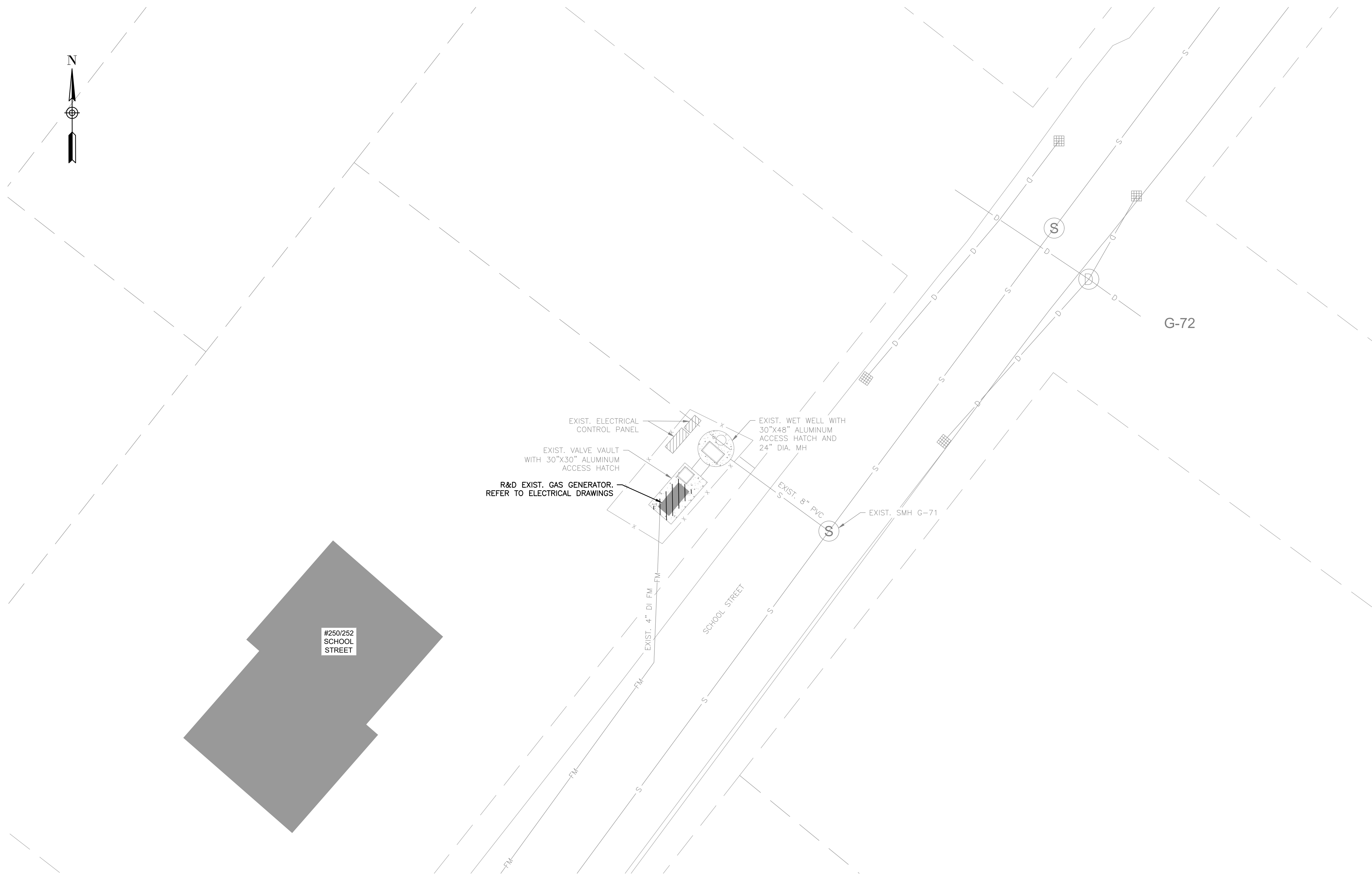
C-3.2



**WELLESLEY CIRCLE PUMP STATION SITE PLAN**  
SCALE: 1" = 10'-0"

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBERS 25005C0162G (SCHOOL ST) AND 25005C0256F (STEVENS ST) PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**SCHOOL STREET PUMP STATION SITE PLAN**  
SCALE: 1" = 10'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station  
Improvements**

Taunton, MA

TITLE

**SCHOOL STREET  
PUMP STATION**

Existing Conditions

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE



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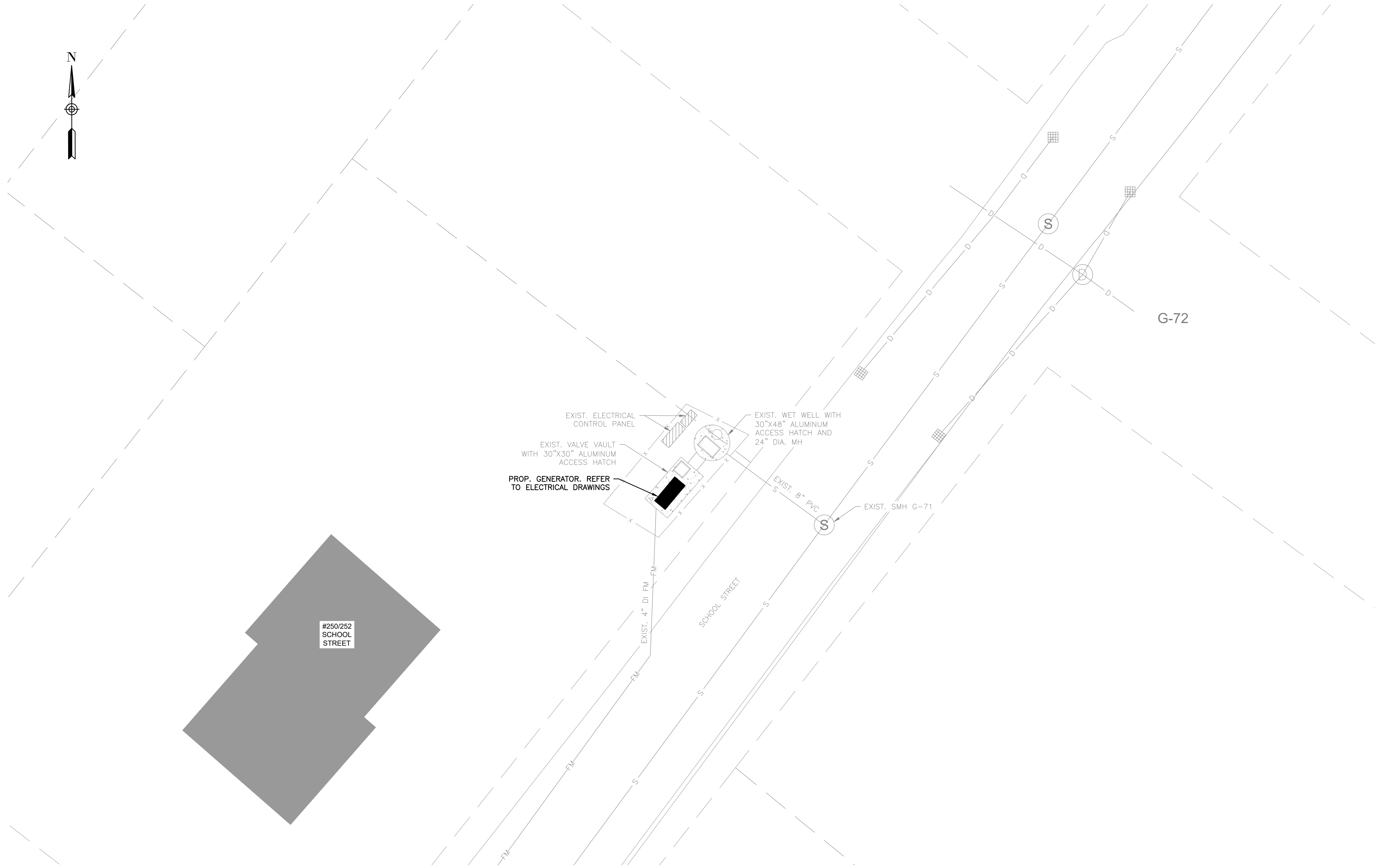
**Not for Construction**

SHEET NO.

C-4.1

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBERS 25005C0162G (SCHOOL ST) AND 25005C0256F (STEVENS ST) PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**SCHOOL STREET PUMP STATION SITE PLAN**  
SCALE: 1" = 10'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**SCHOOL STREET PUMP STATION**

Proposed Site Work


NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE



UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

SHEET NO.

C-4.2

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBERS 25005C0162G (SCHOOL ST) AND 25005C0256F (STEVENS ST) PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

PREPARED BY



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SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**STEVENS STREET PUMP STATION**

Existing Conditions


NO.	REVISIONS	DATE

DRAWN BY: PN

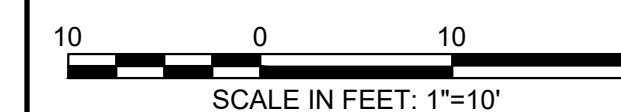
DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

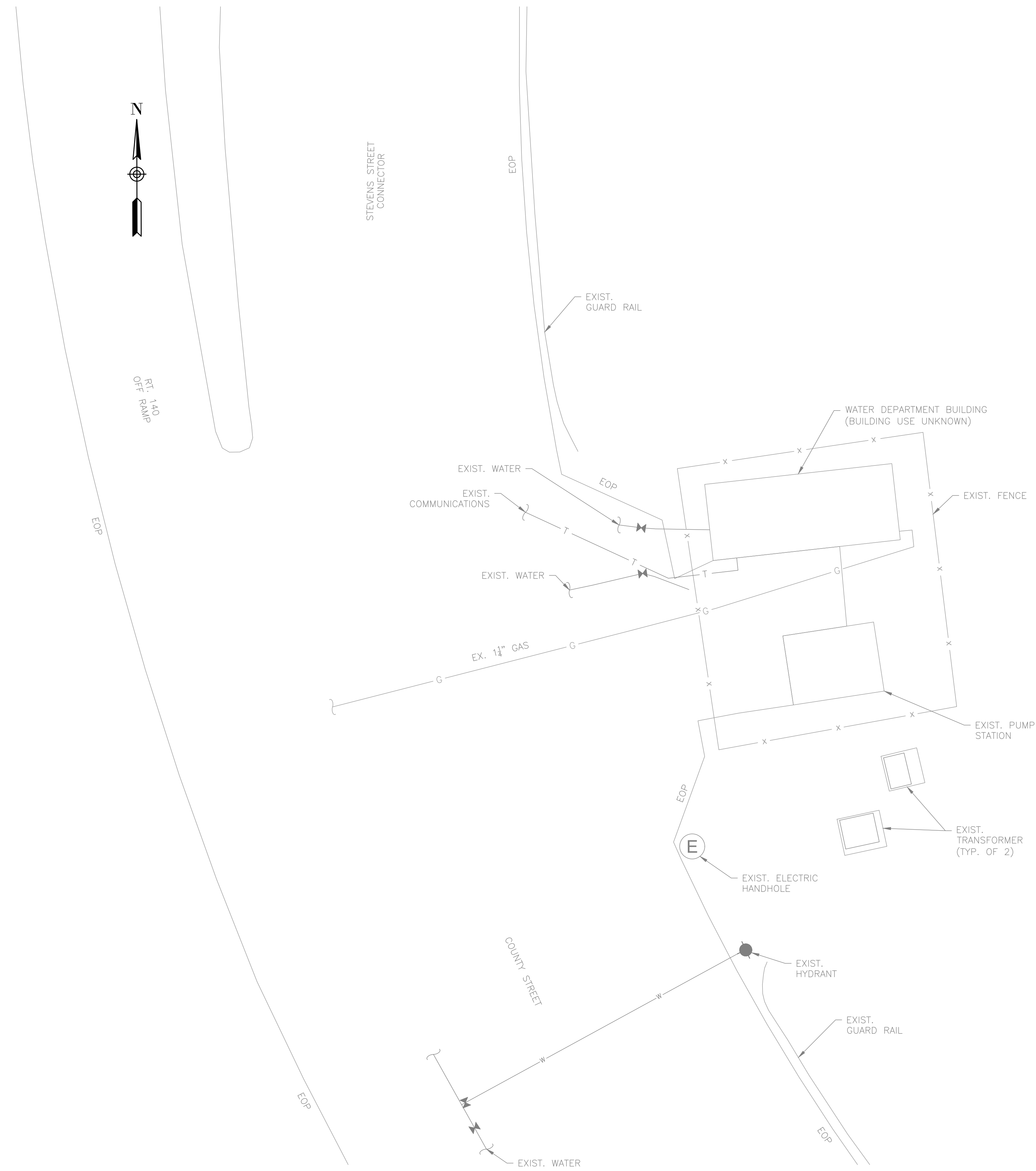


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**Not for Construction**

SHEET NO.

C-5.1



**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBERS 25005C0162G (SCHOOL ST) AND 25005C0256F (STEVENS ST) PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

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SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**STEVENS STREET PUMP STATION**

**Proposed Site Work**


NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

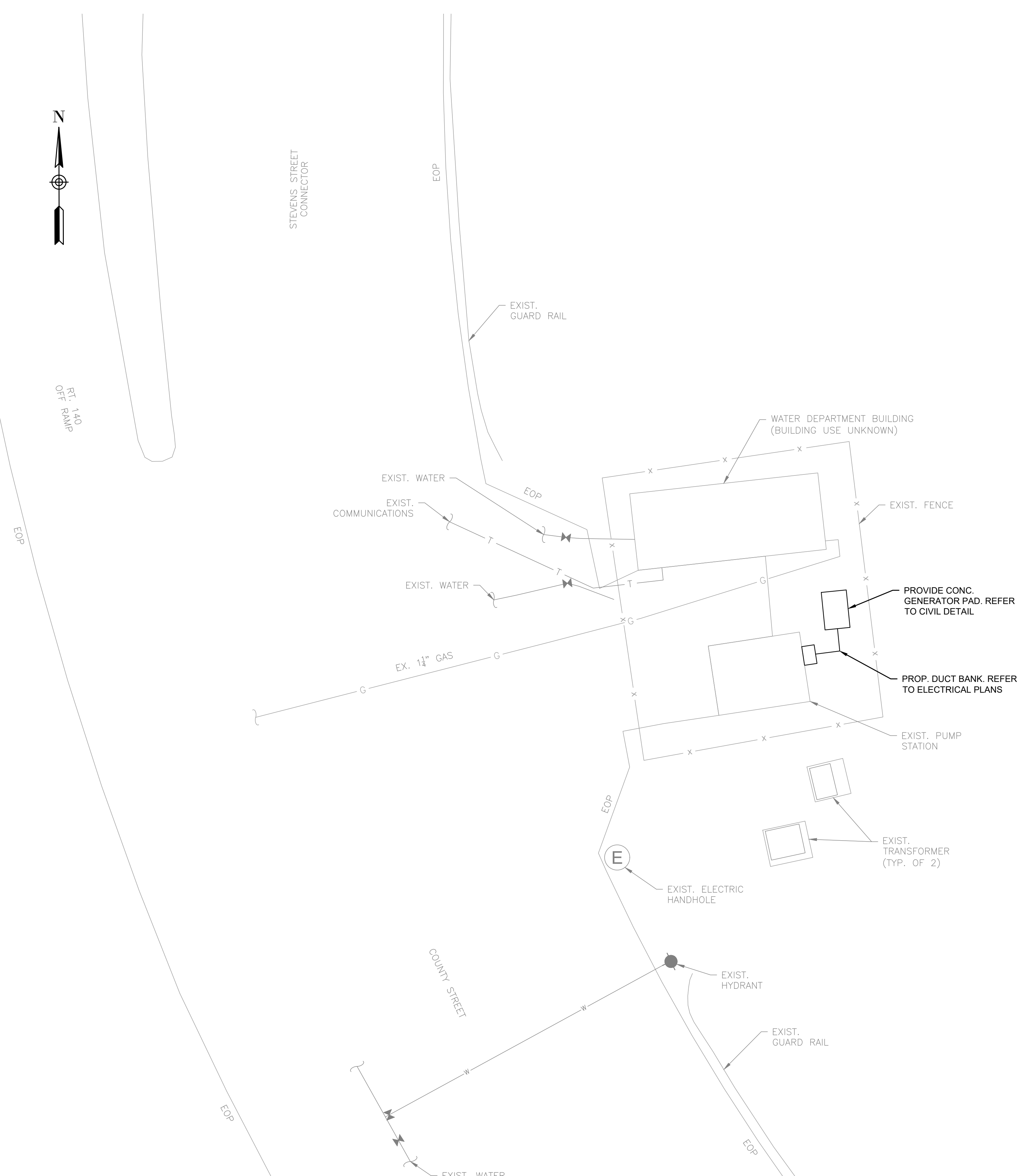


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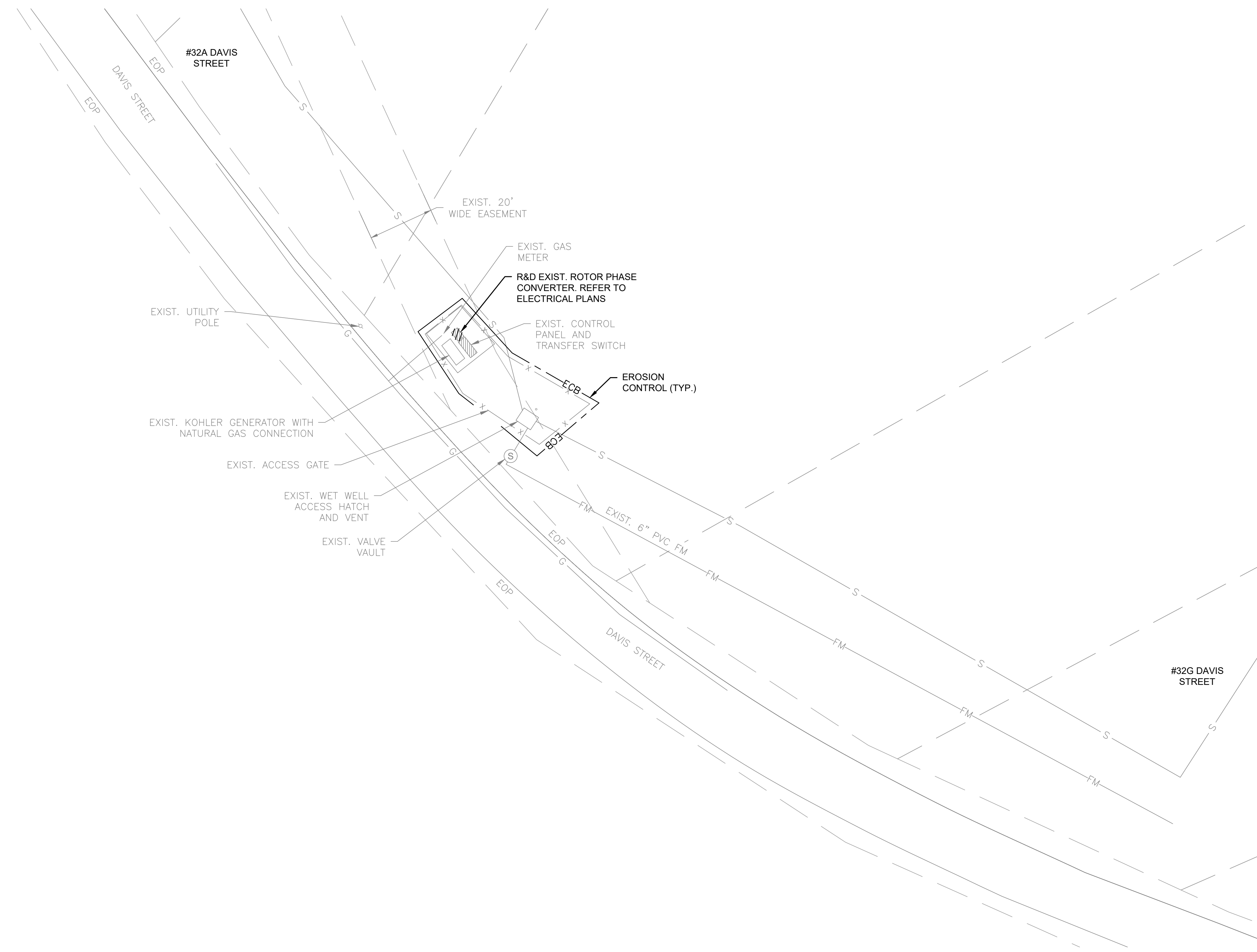
**Not for Construction**

SHEET NO.

C-5.2







**DAVIS STREET PUMP STATION SITE PLAN**  
SCALE: 1" = 20'-0"

**GENERAL NOTES:**  
1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0144F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station  
Improvements**

Taunton, MA

TITLE

**DAVIS STREET  
PUMP STATION**

Existing Conditions


NO.	REVISIONS	DATE
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DRAWN BY: PN  
DESIGNED BY: AG  
CHECKED BY: CC  
ISSUE DATE: 10/14/2022  
BETA JOB NO.: 10685

SCALE

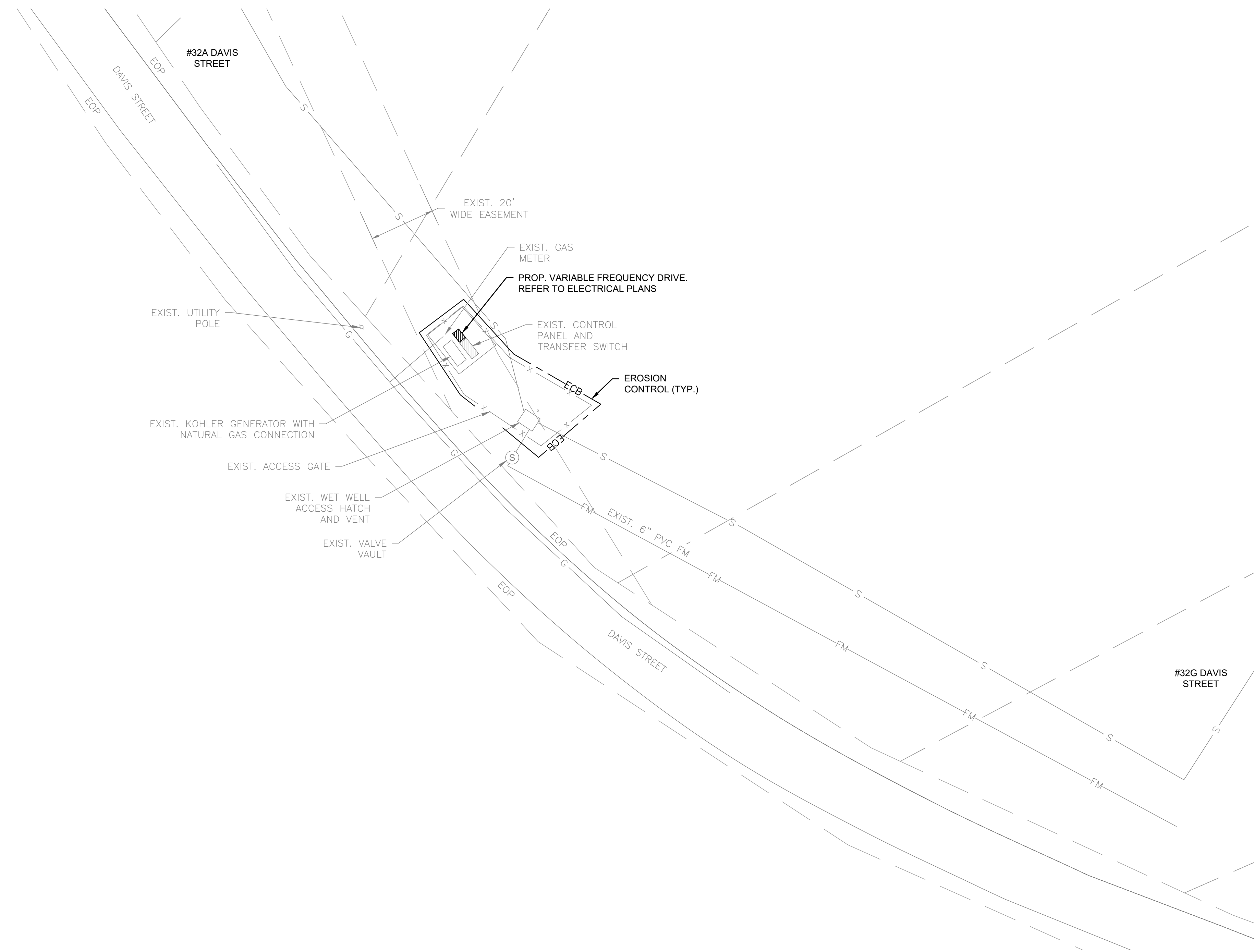


UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

SHEET NO.

C-6.1



**DAVIS STREET PUMP STATION SITE PLAN**  
SCALE: 1" = 20'-0"

**GENERAL NOTES:**  
 1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0144F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.

PREPARED BY



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SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**DAVIS STREET PUMP STATION**

Proposed Site Work


NO.	REVISIONS	DATE

DRAWN BY: PN  
 DESIGNED BY: AG  
 CHECKED BY: CC  
 ISSUE DATE: 10/14/2022  
 BETA JOB NO.: 10685

SCALE



UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

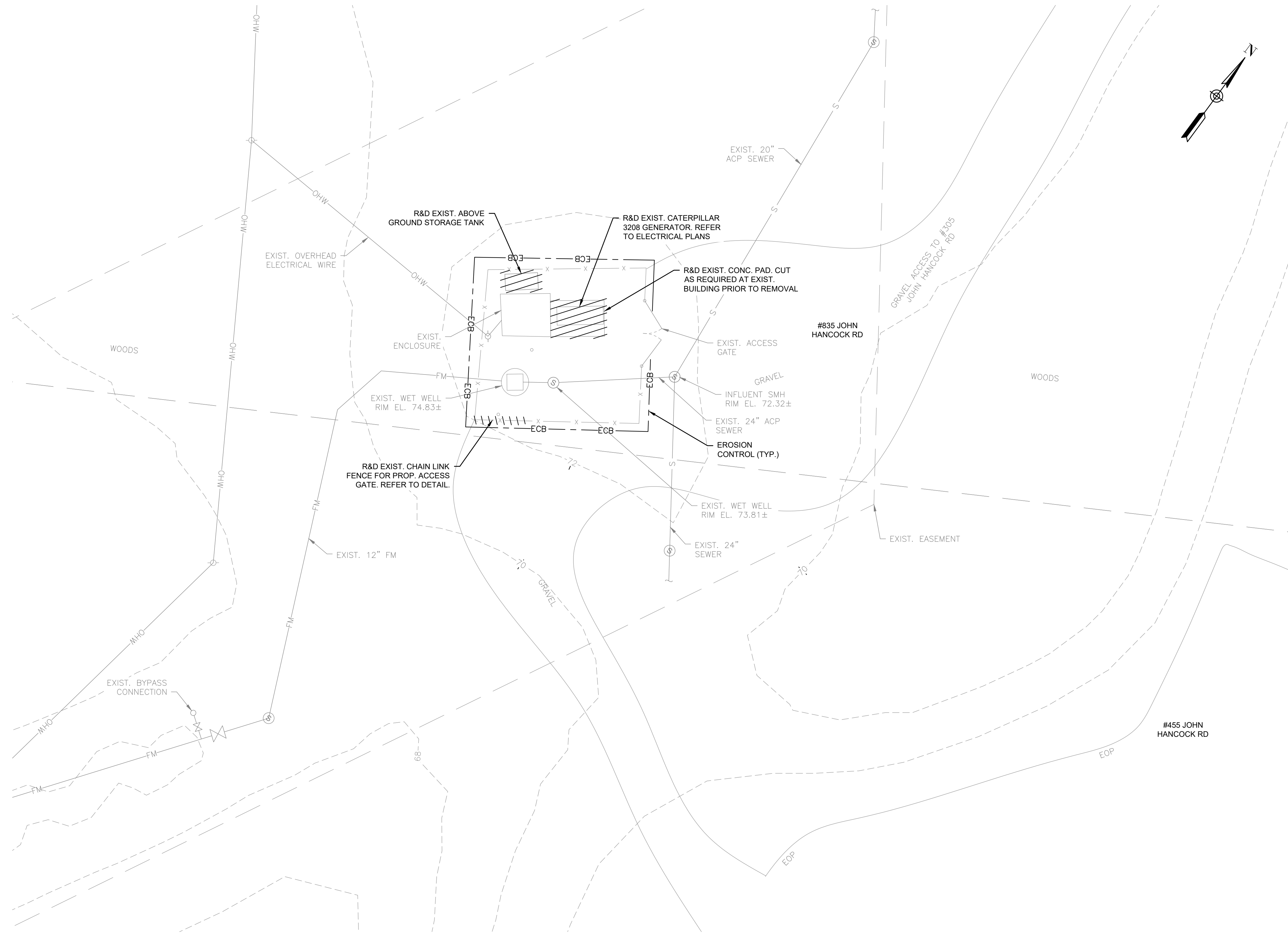
**Not for Construction**

SHEET NO.

C-6.2

**GENERAL NOTES:**

1. FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0134F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAN.



**INDUSTRIAL PARK PUMP STATION SITE PLAN**  
SCALE: 1" = 20'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**INDUSTRIAL PARK PUMP STATION**

Existing Conditions


NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: PN

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE



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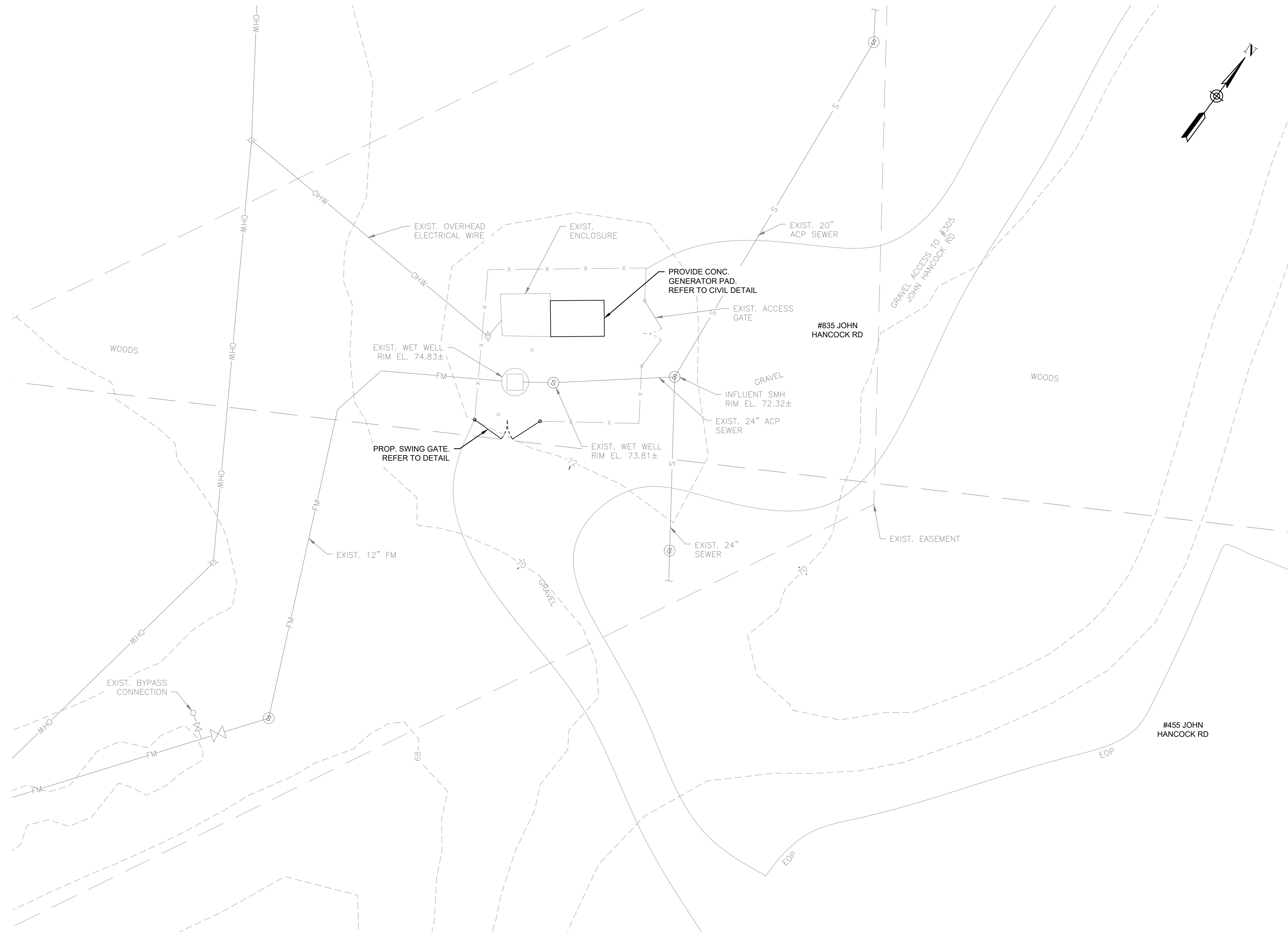
**Not for Construction**

SHEET NO.

C-7.1

**GENERAL NOTES:**

- FIRM FLOOD INSURANCE RATE MAP NUMBER 25005C0134F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**INDUSTRIAL PARK PUMP STATION SITE PLAN**  
SCALE: 1" = 20'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station  
Improvements**

Taunton, MA

TITLE

**INDUSTRIAL PARK  
PUMP STATION**

Proposed Site Work


NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

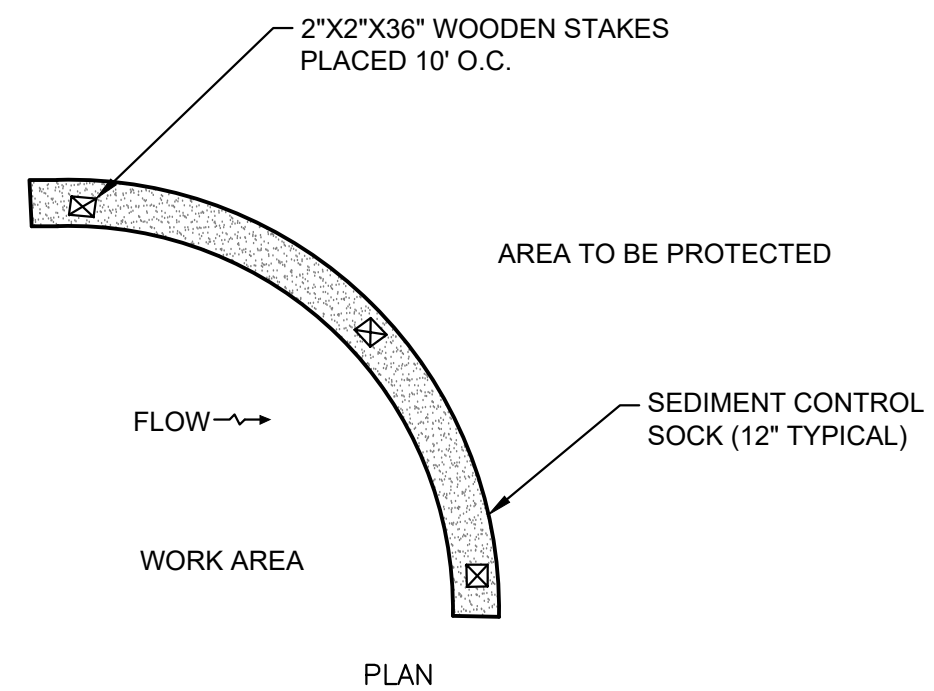
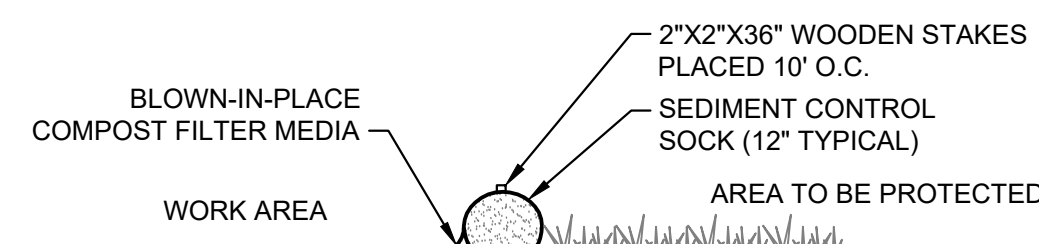


UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**Not for Construction**

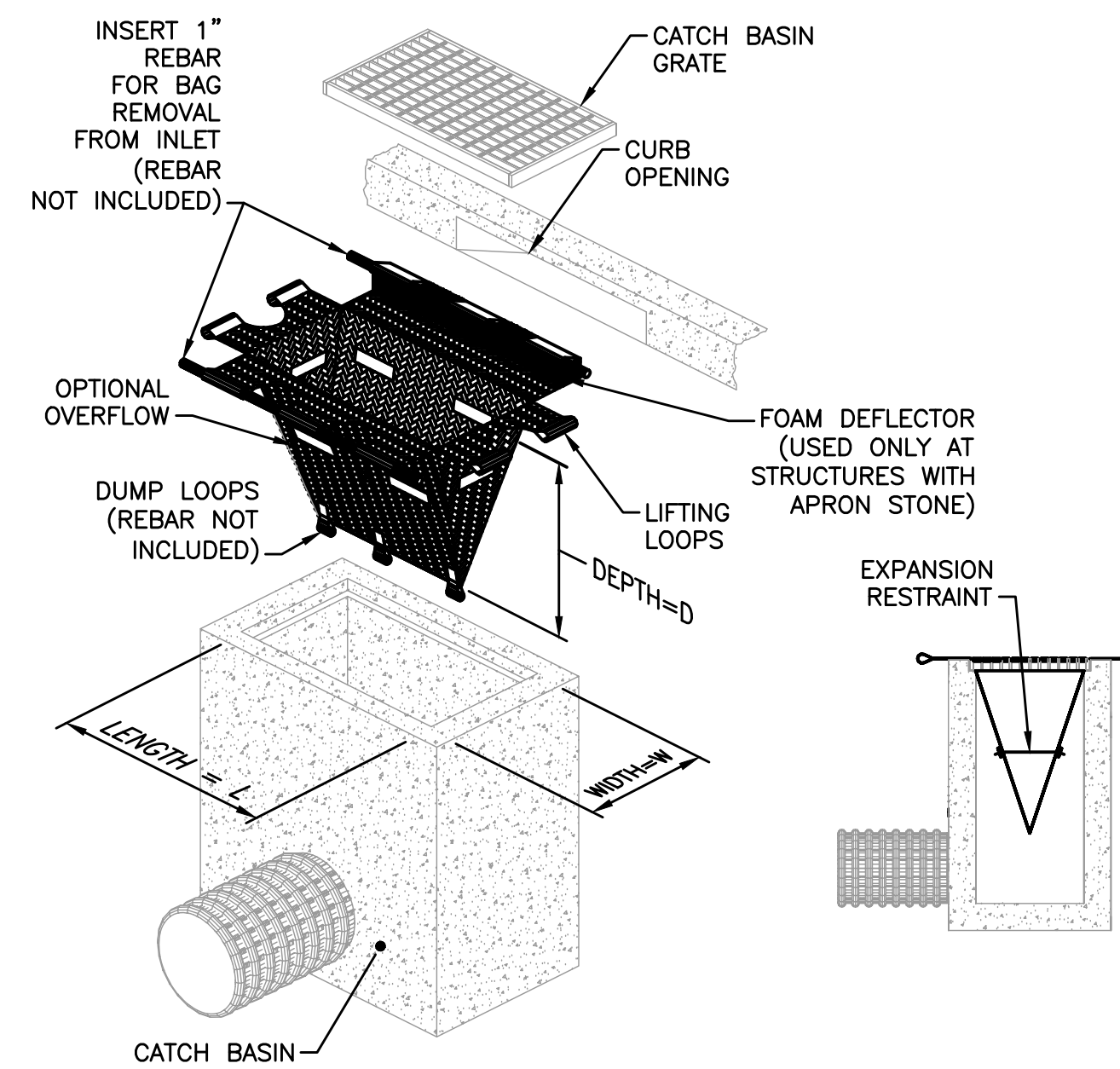
SHEET NO.

C-7.2



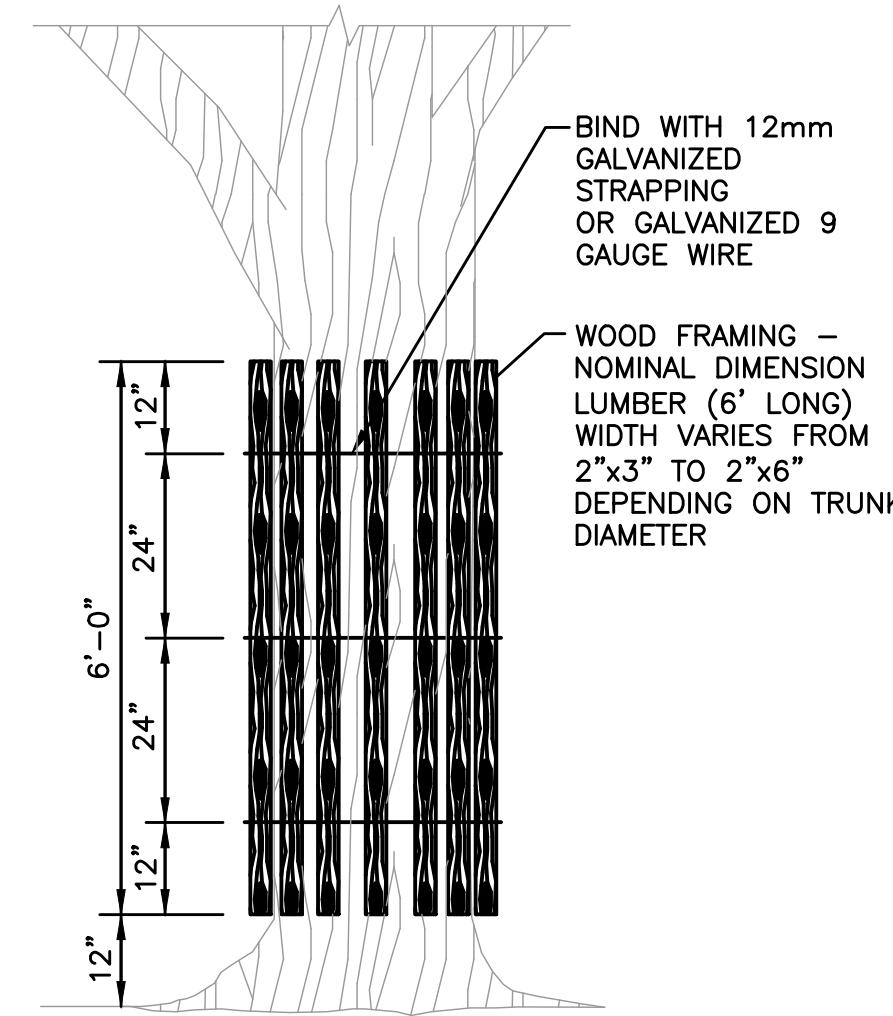
- CONSTRUCTION SPECIFICATIONS**
1. SOCKS SHALL BE PLACED IN A ROW WITH ENDS OVERLAPPING THE ADJACENT SOCK.
  2. SOCKS SHALL BE SECURELY ANCHORED IN PLACE BY STAKES DRIVEN THROUGH THE SOCKS.
  3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
  4. SOCKS SHALL BE REMOVED WHEN WORK IS COMPLETE AND THE AREA HAS STABILIZED.

**SEDIMENT CONTROL  
"COMPOST SOCK"**  
NOT TO SCALE

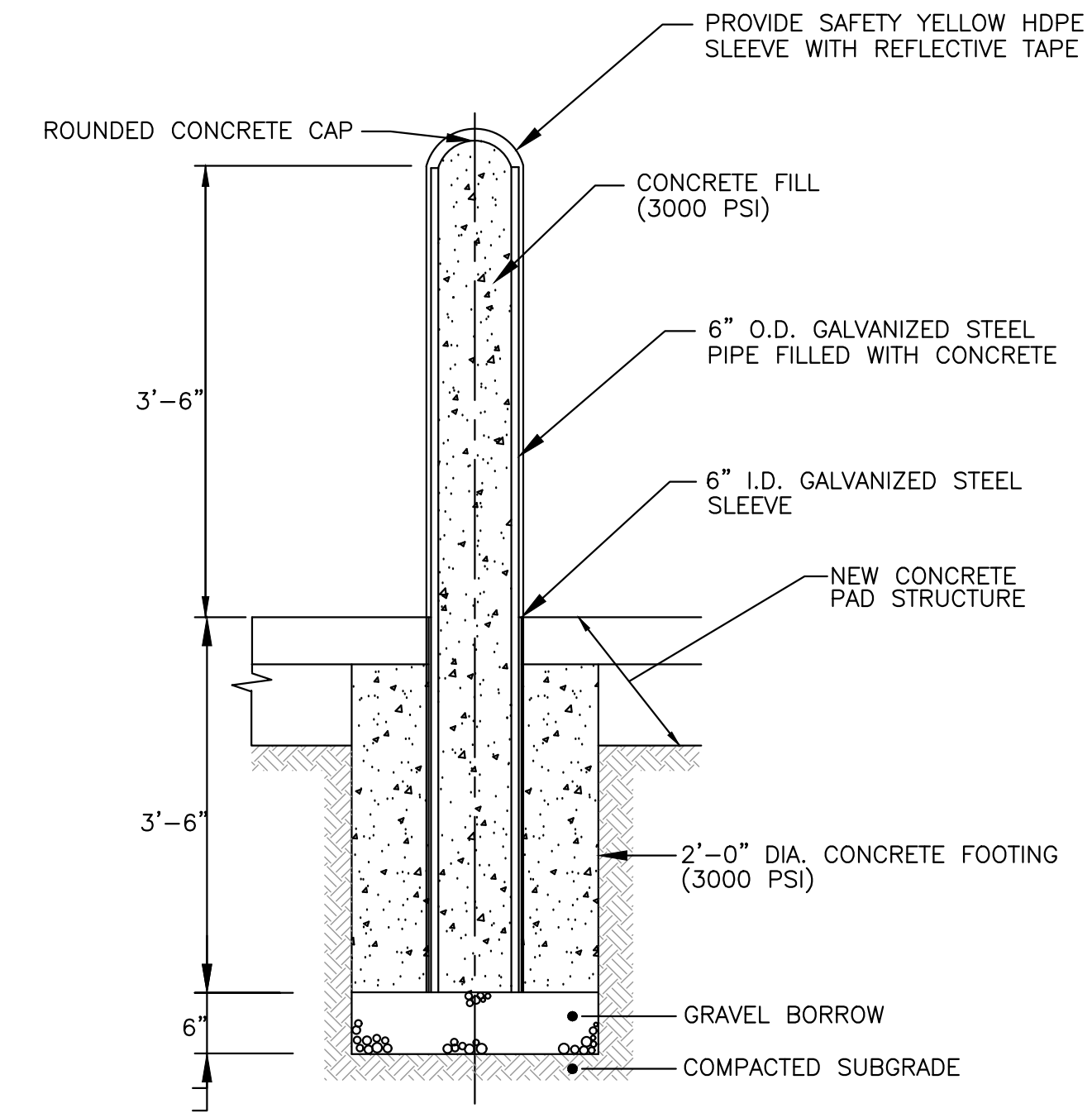


- NOTES:**
1. CONTRACTOR SHALL MAINTAIN ALL SILT SACK SEDIMENT CONTROL DEVICE INSTALLATIONS AND REPLACE WHEN SATURATED WITH SEDIMENT BASED ON MANUFACTURER RECOMMENDATIONS. SILT SACK SHALL BE INSPECTED AFTER EVERY RAIN EVENT BUT NO LONGER THAN EVERY TWO WEEKS.
  2. SILT SACK SHALL BE DOUBLE NEEDLE SEWN POLYPROPYLENE GEOTEXTILE FABRIC AND RATED FOR HIGH FLOW UNLESS OTHERWISE DIRECTED.
  3. CONTRACTOR SHALL PROVIDE CURB OPENING DEFLECTOR AT ALL CATCH BASINS AS NECESSARY.

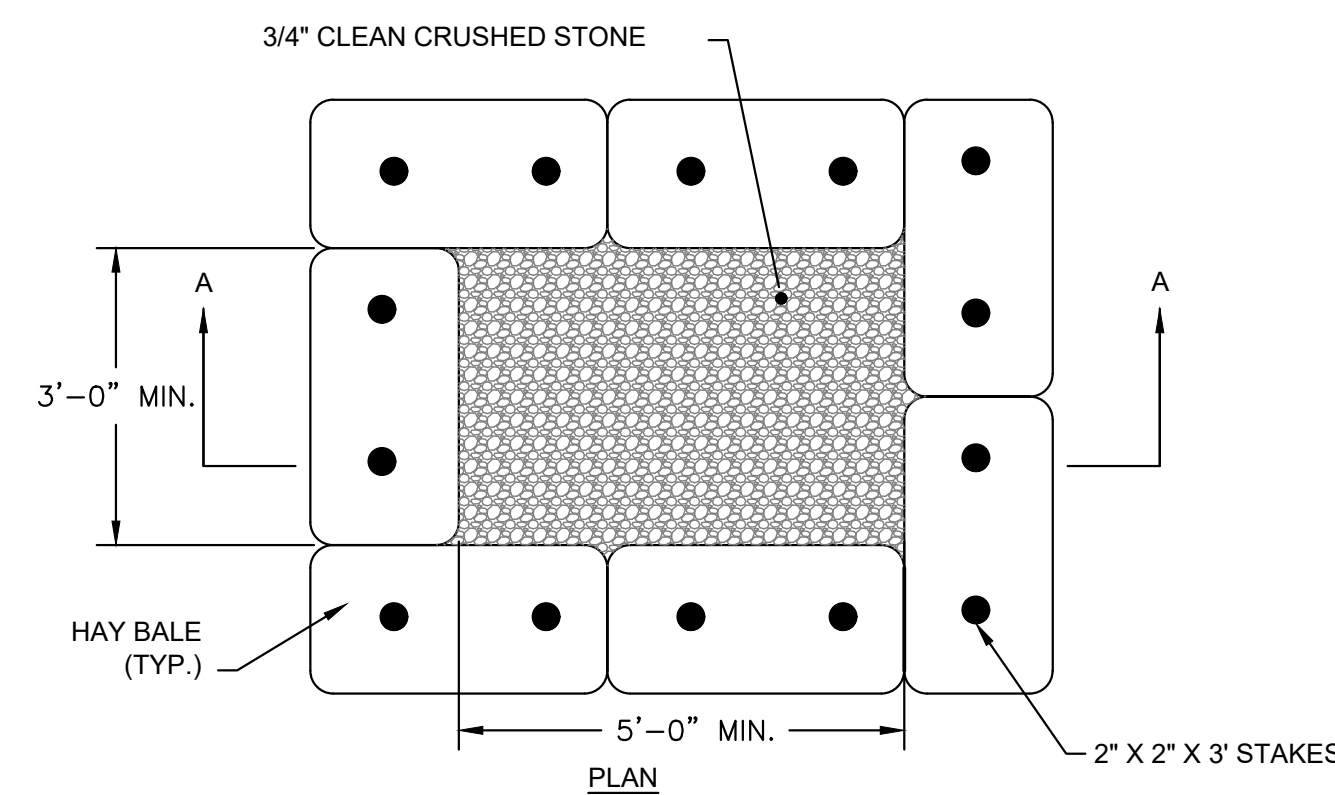
**TYPICAL CATCH BASIN  
EROSION CONTROL PROTECTION**  
SCALE: NONE



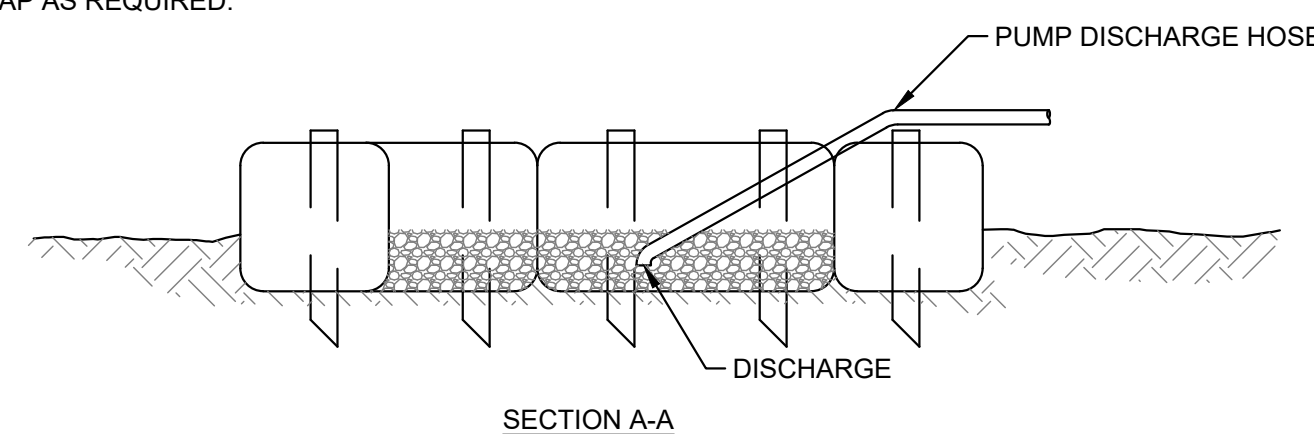
**TREE PROTECTION**  
SCALE: NONE



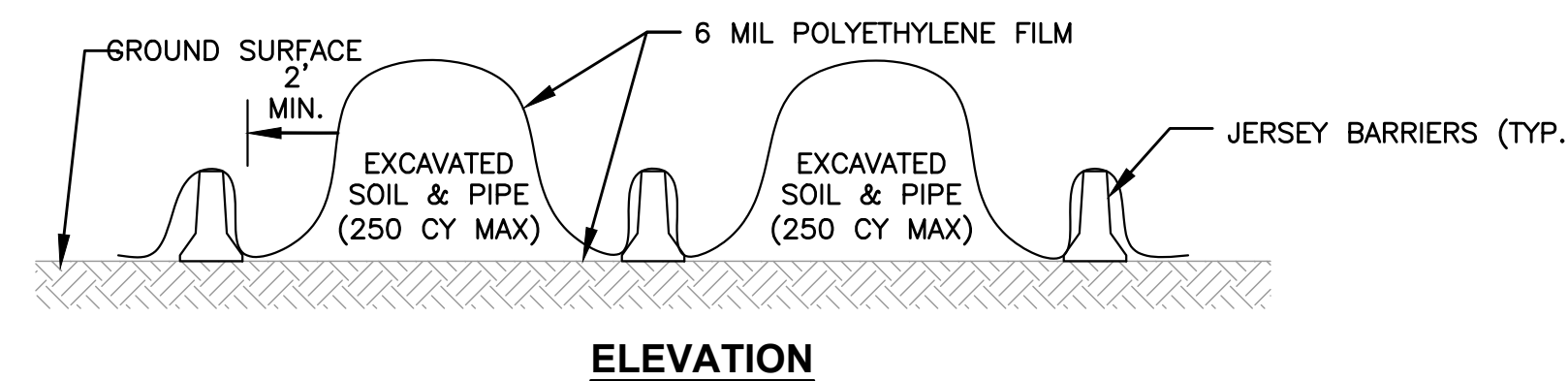
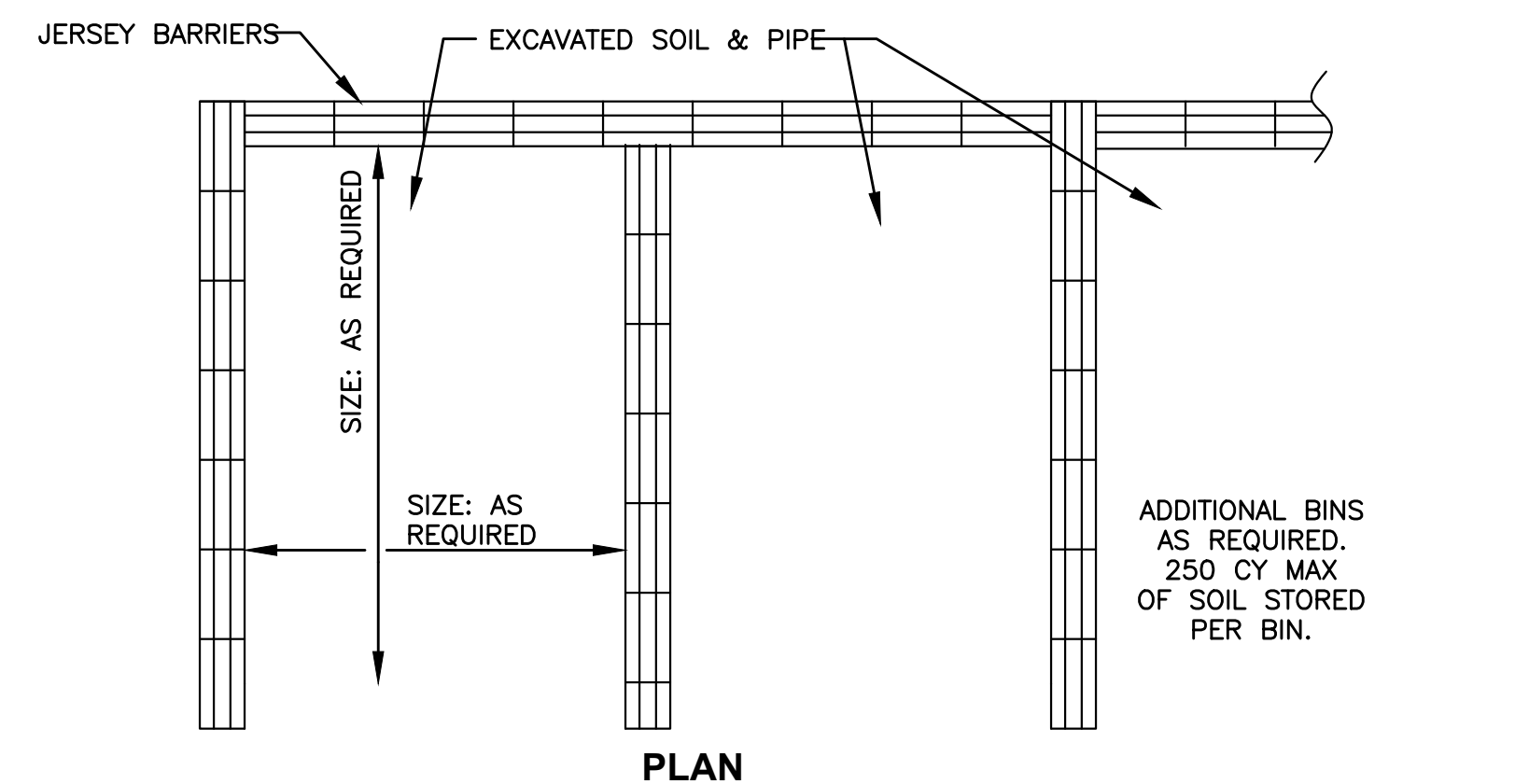
**CONCRETE-FILLED STEEL BOLLARD**  
SCALE: NONE



- NOTES**
- ALL DEWATERING DISCHARGES SHALL BE THROUGH SEDIMENT CONTROL TRAPS, CONTRACTOR SHALL MAINTAIN AND CLEAN TRAP AS REQUIRED.



**SEDIMENT CONTROL TRAP**  
NOT TO SCALE



- NOTES:**
1. PERIODICALLY (AT LEAST WEEKLY) INSPECT THE STOCKPILES TO INSURE THAT THE LINER AND COVER ARE INTACT AND SECURELY ANCHORED.
  2. CONTROL FUGITIVE DUST AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  3. SWEEP AND DISPOSE OF ALL RESIDUAL DIRT, DUST AND DEBRIS FROM THE STAGING AREA AFTER COMPLETION OF THE WORK.
  4. JERSEY BARRIERS SHALL BE PLACED AS SHOWN ON PLANS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE UNTIL IT IS NO LONGER NEEDED FOR THE PURPOSE INTENDED.
  5. JERSEY BARRIERS SHALL BE MAINTAINED OR REPLACED UNTIL THEY ARE NO LONGER NECESSARY FOR THE PURPOSE INTENDED. AT THE COMPLETION OF WORK, ALL POLYETHYLENE AND JERSEY BARRIERS SHALL BE REMOVED AND PROPERLY DISPOSED OF.
  6. PRIOR TO CONSTRUCTION, COORDINATE WITH OWNER/ENGINEER IN REGARDS TO SIZE AND LOCATION.

**SURPLUS SOIL STOCKPILE AREA**  
SCALE: NONE

1	ADDENDUM #1	6/17/22
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NO.	REVISIONS	DATE
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DRAWN BY:	PN
DESIGNED BY:	AG
CHECKED BY:	CC
ISSUE DATE:	10/14/2022
BETA JOB NO.:	

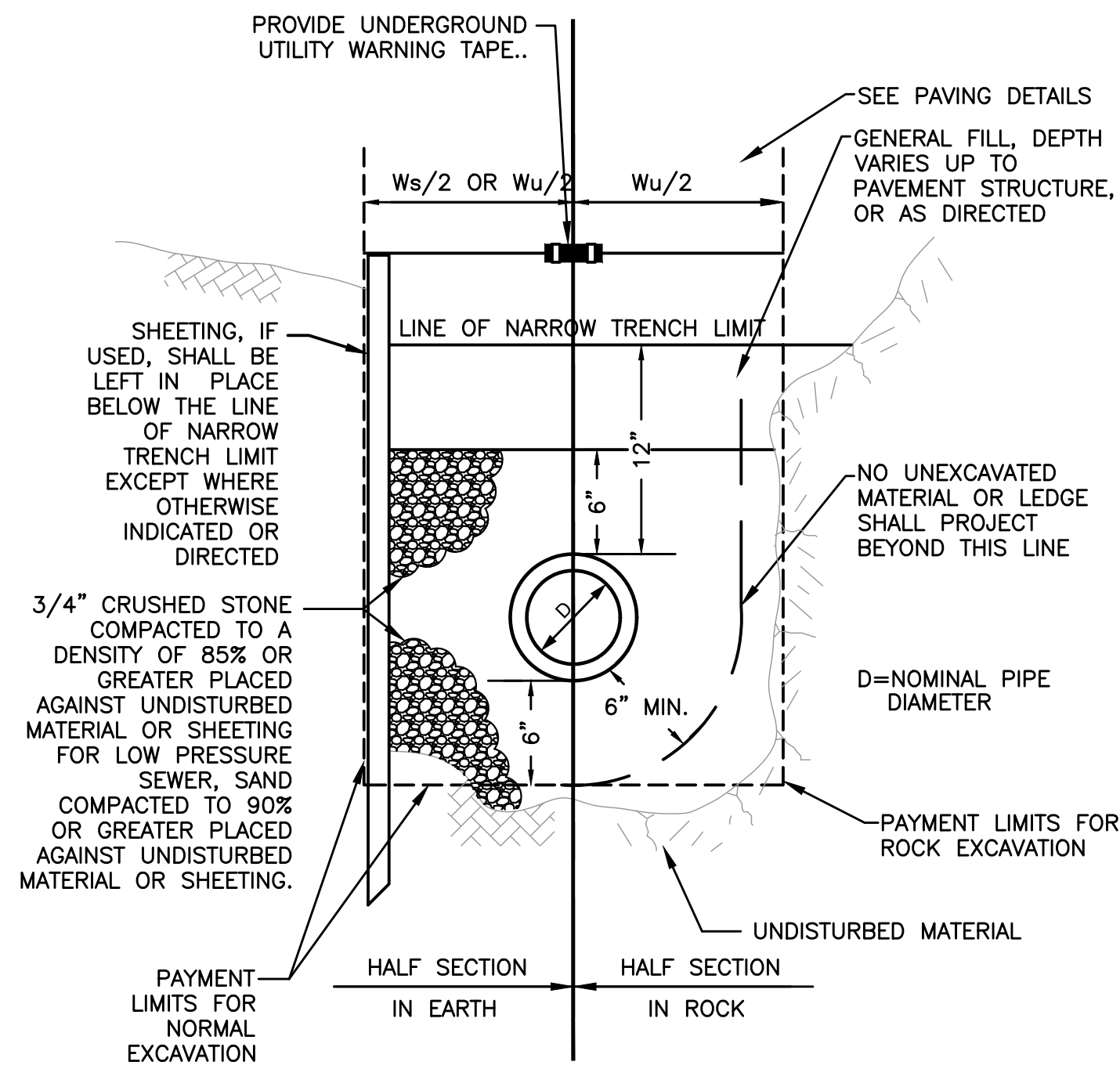
**SCALE**

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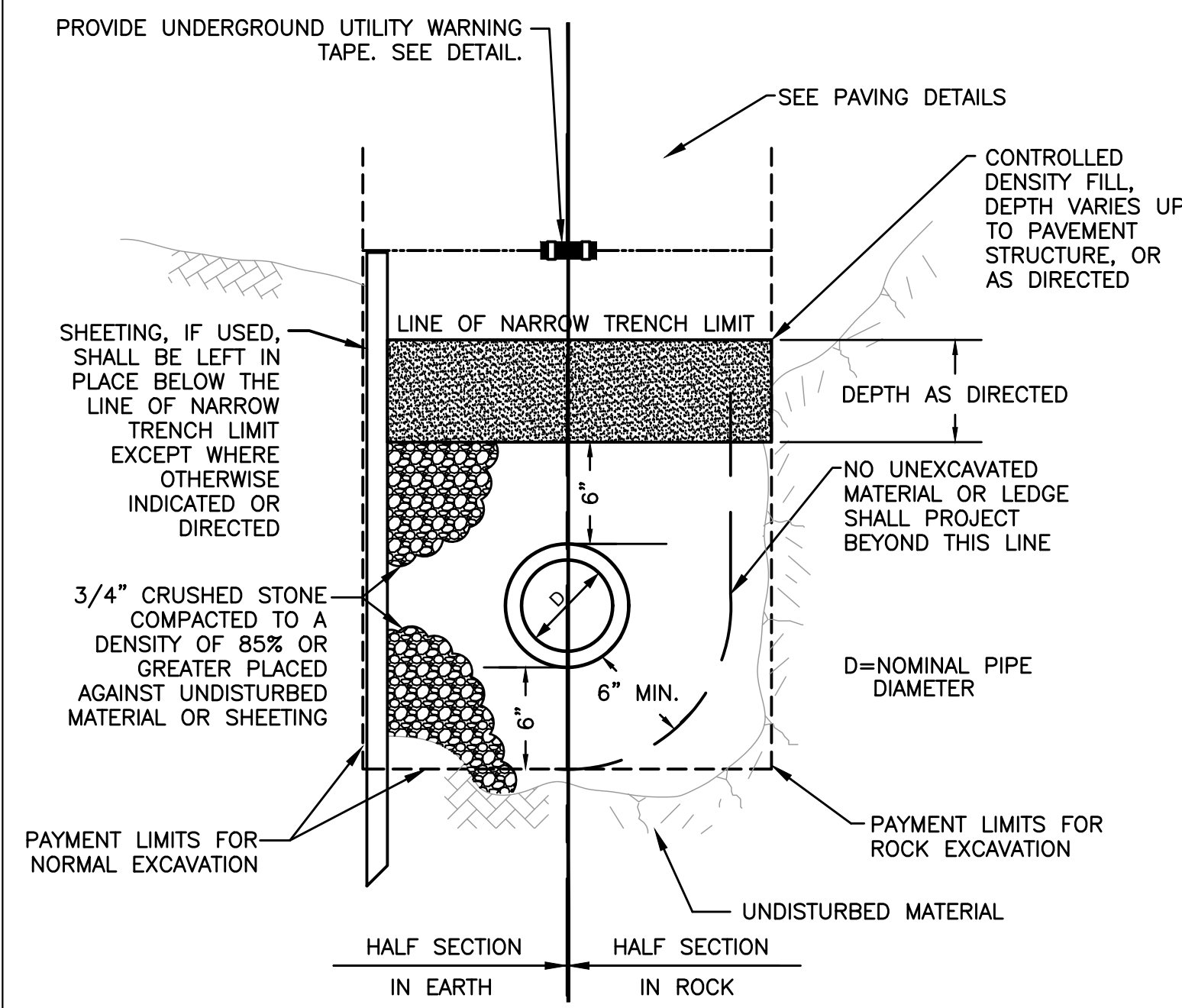
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**SHEET NO.**

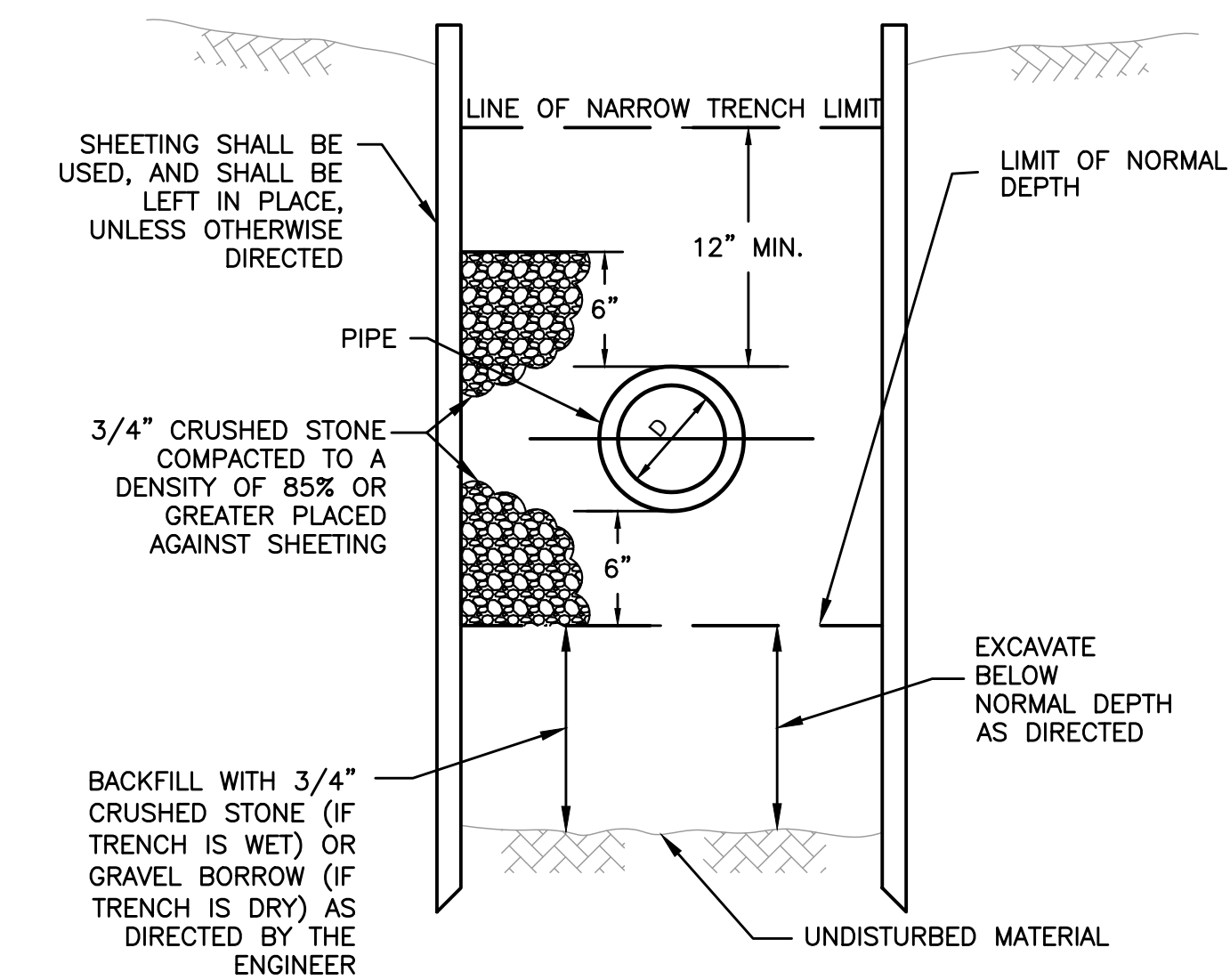
CD-1



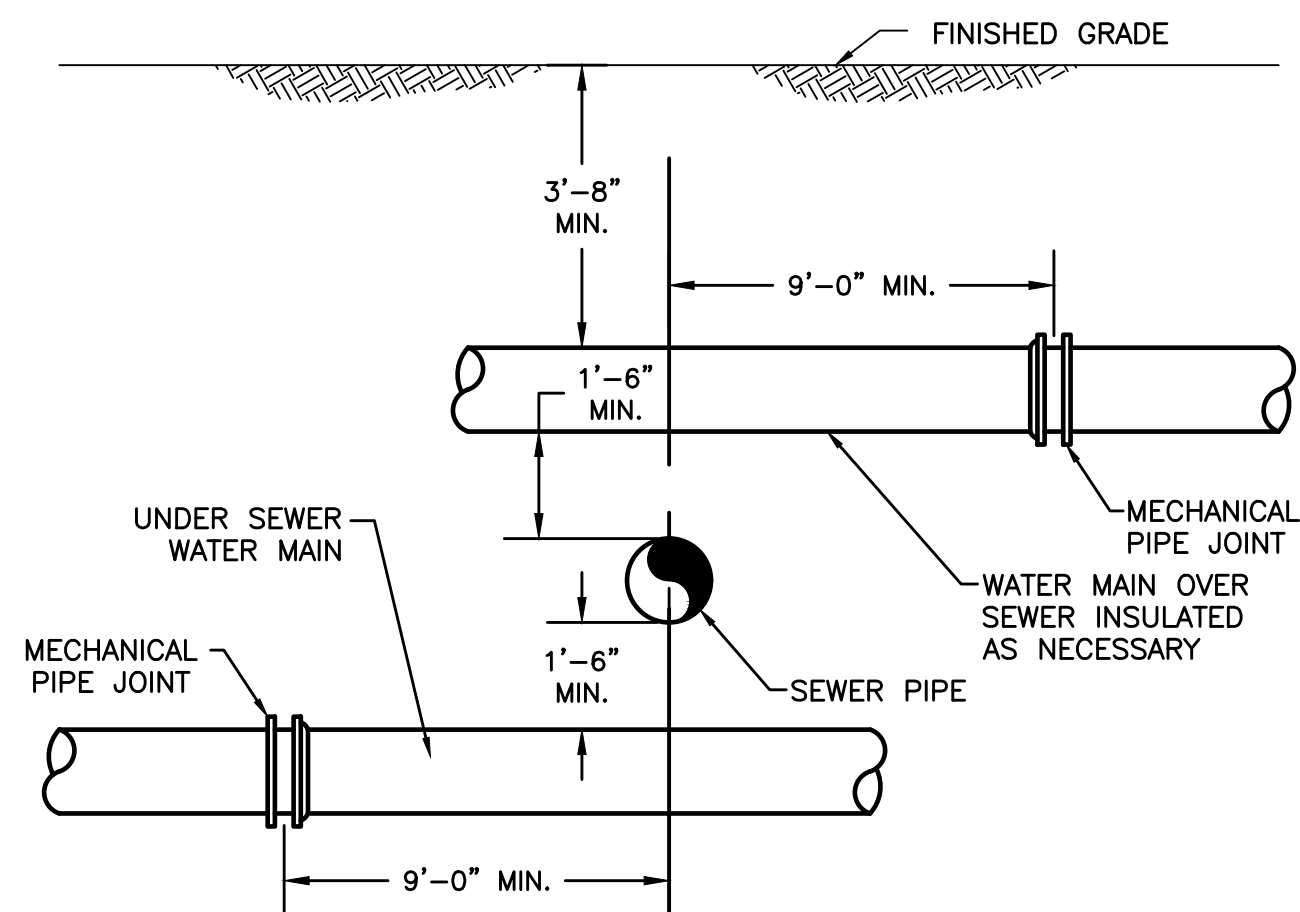
**STANDARD TRENCH SECTION**  
SCALE: NONE



**STANDARD TRENCH SECTION FOR CROSS TRENCHES AND WHERE CDF IS REQUIRED**  
SCALE: NONE

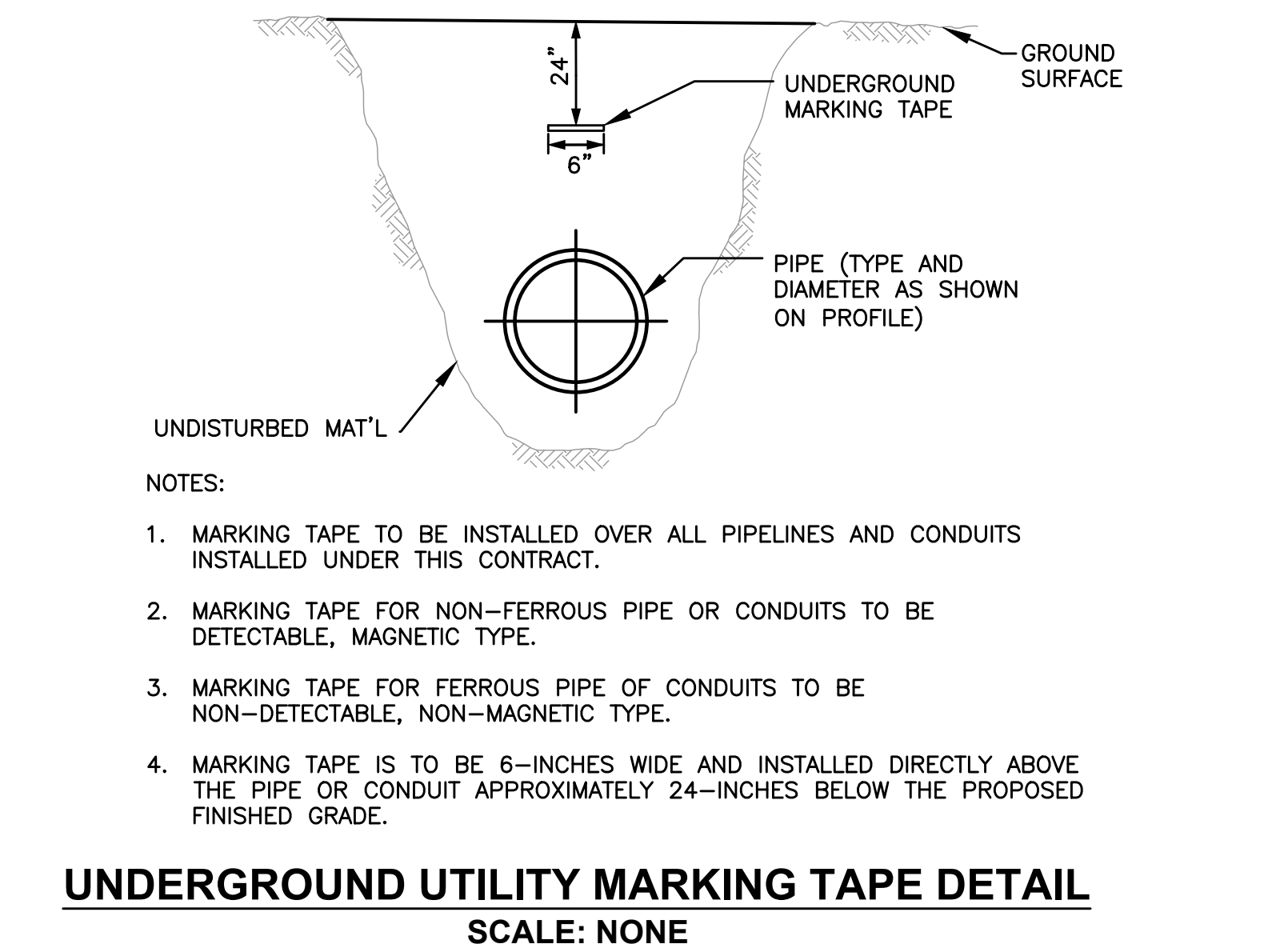


**STANDARD TRENCH SECTION (WHERE UNSUITABLE MATERIAL EXISTS BELOW NORMAL DEPTH)**  
SCALE: NONE

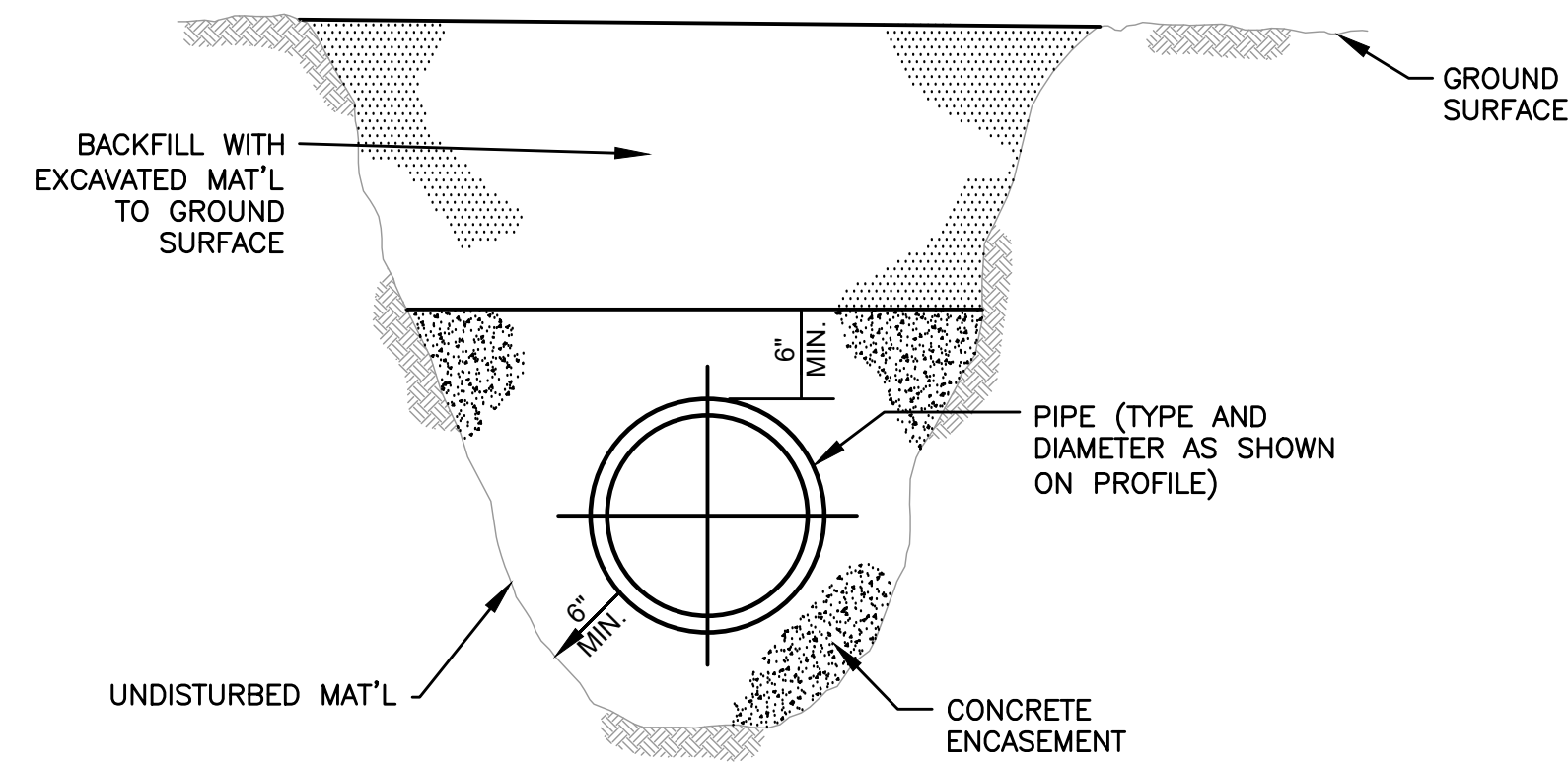


- NOTES:
- SEWERS SHALL BE KEPT REMOTE FROM WATER SUPPLY PIPING AND STRUCTURES. WHEREVER FEASIBLE, SEWERS SHOULD BE LAID AT A MINIMUM HORIZONTAL DISTANCE OF 10 FEET FROM WATER MAINS. IF LOCAL CONDITIONS PREVENT THIS, THE WATER MAIN SHOULD BE LAID IN A SEPARATE TRENCH, AND THE ELEVATIONS OF THE CROWN OF THE SEWER PLACED AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN.
  - WHENEVER SEWERS MUST CROSS WATER MAINS, THE CROWN OF THE SEWER SHOULD BE PLACED A MINIMUM OF 18 INCHES BELOW THE INVERT OF THE WATER MAIN. IN ADDITION, THE WATER MAIN MUST BE CONSTRUCTED WITH ONE FULL LENGTH OF PIPE CENTERED ABOUT THE SEWER CROSSING. THE WATER PIPE SHALL HAVE MECHANICAL JOINTS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE SEWER CROSSING.
  - WHEN IT IS IMPOSSIBLE TO OBTAIN HORIZONTAL OR VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER AND THE SEWER SHOULD BE ENCASED IN CONTROL DENSITY FILL FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSING.

**SEWER LINE / WATER LINE CROSSING**  
SCALE: NONE

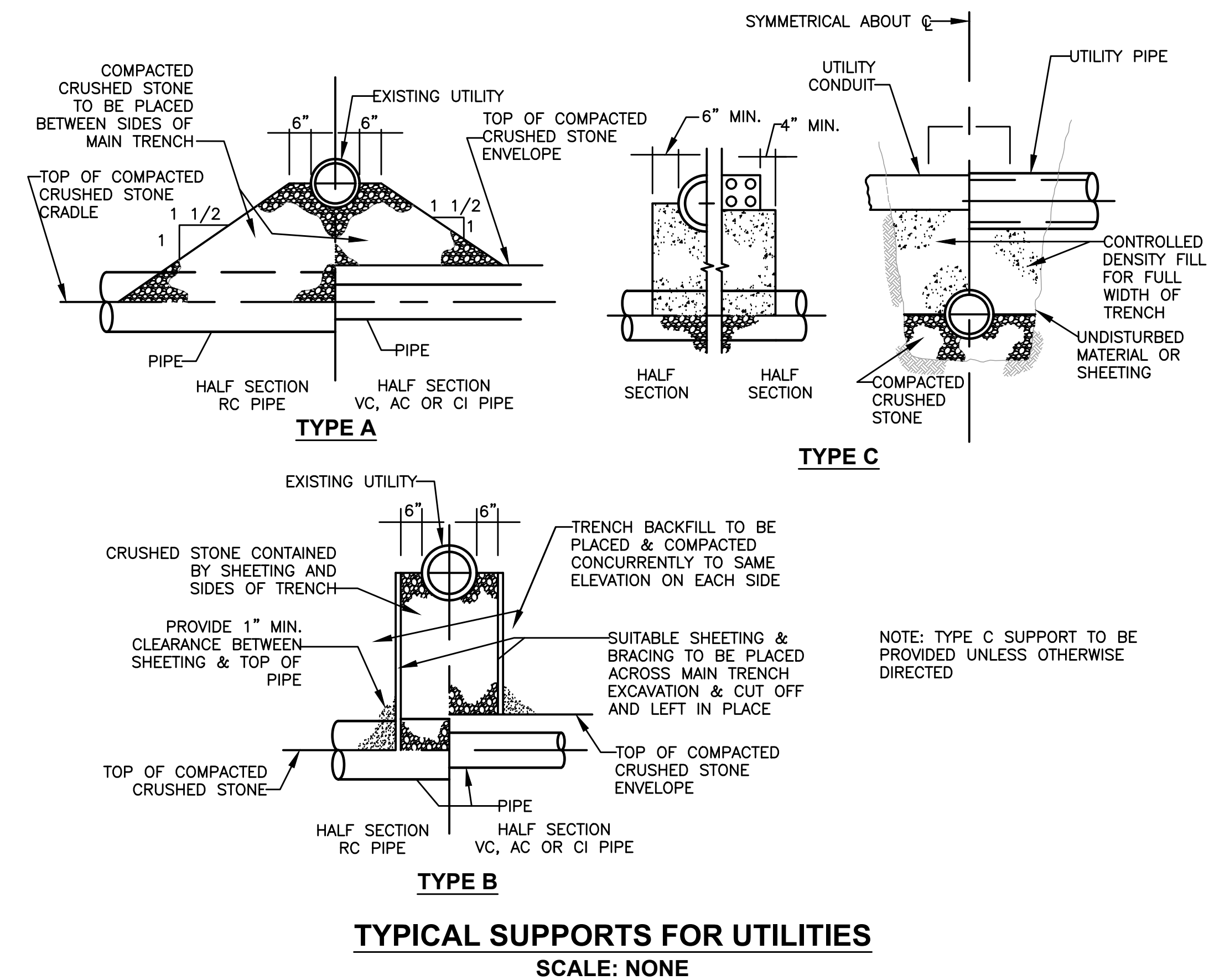


**UNDERGROUND UTILITY MARKING TAPE DETAIL**  
SCALE: NONE



- NOTES:
- DETAIL FOR LOCATIONS WHERE INSUFFICIENT SEPARATION BETWEEN SEWER AND WATER EXISTS (<10' HORIZONTAL OR <18" VERTICAL).
  - THE PIPE SHALL BE PROPERLY SECURED TO PREVENT DISPLACEMENT DURING THE POURING OF CONCRETE ENCASEMENT.
  - LIMIT OF CONCRETE ENCASEMENT SHALL BE SHOWN ON THE PROFILE OR AS DIRECTED.

**CONCRETE ENCASEMENT DETAIL**  
SCALE: NONE



**TYPICAL SUPPORTS FOR UTILITIES**  
SCALE: NONE

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**CIVIL DETAILS II**

1	ADDENDUM #1	6/17/22
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NO.	REVISIONS	DATE
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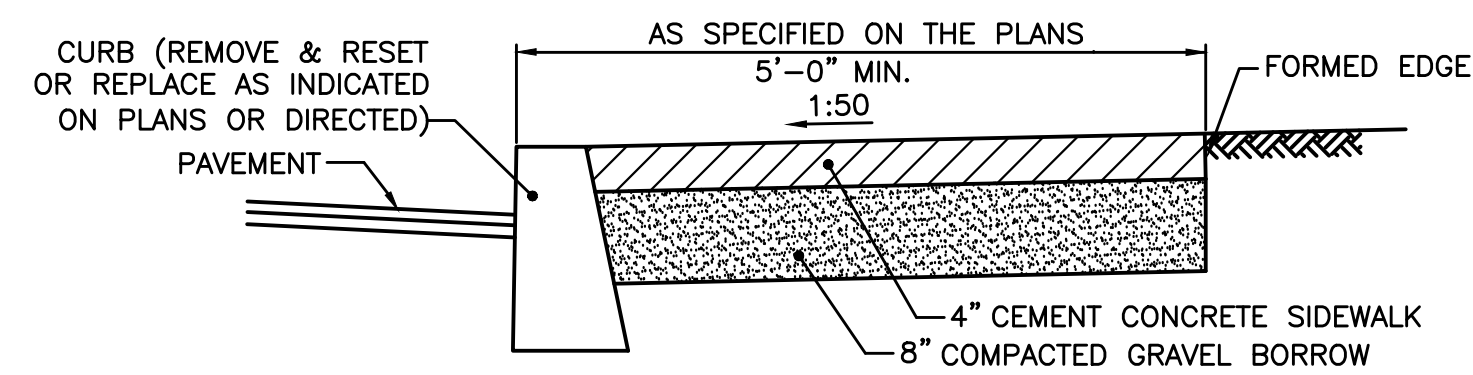
DRAWN BY:	PN
DESIGNED BY:	AG
CHECKED BY:	CC
ISSUE DATE:	10/14/2022
BETA JOB NO.:	10685

SCALE

NONE

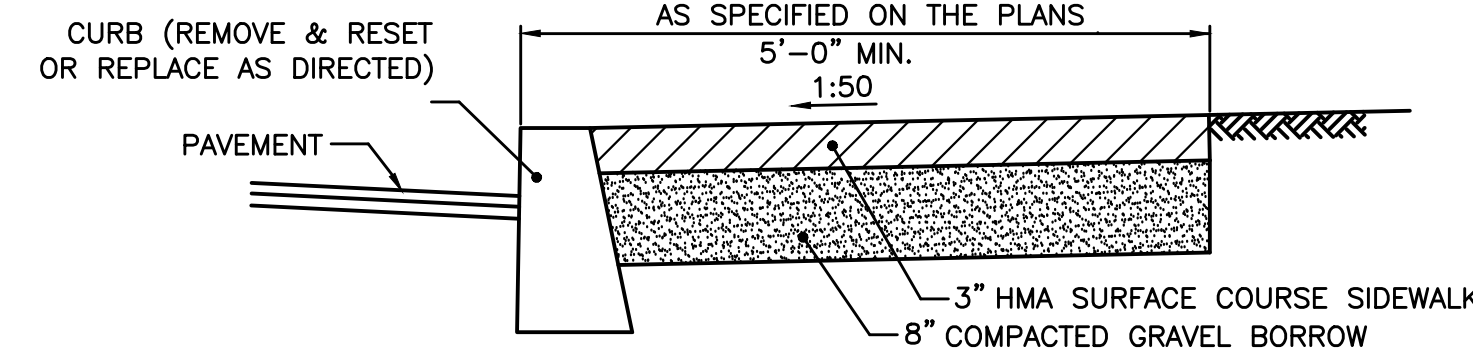
SHEET NO.

CD-2



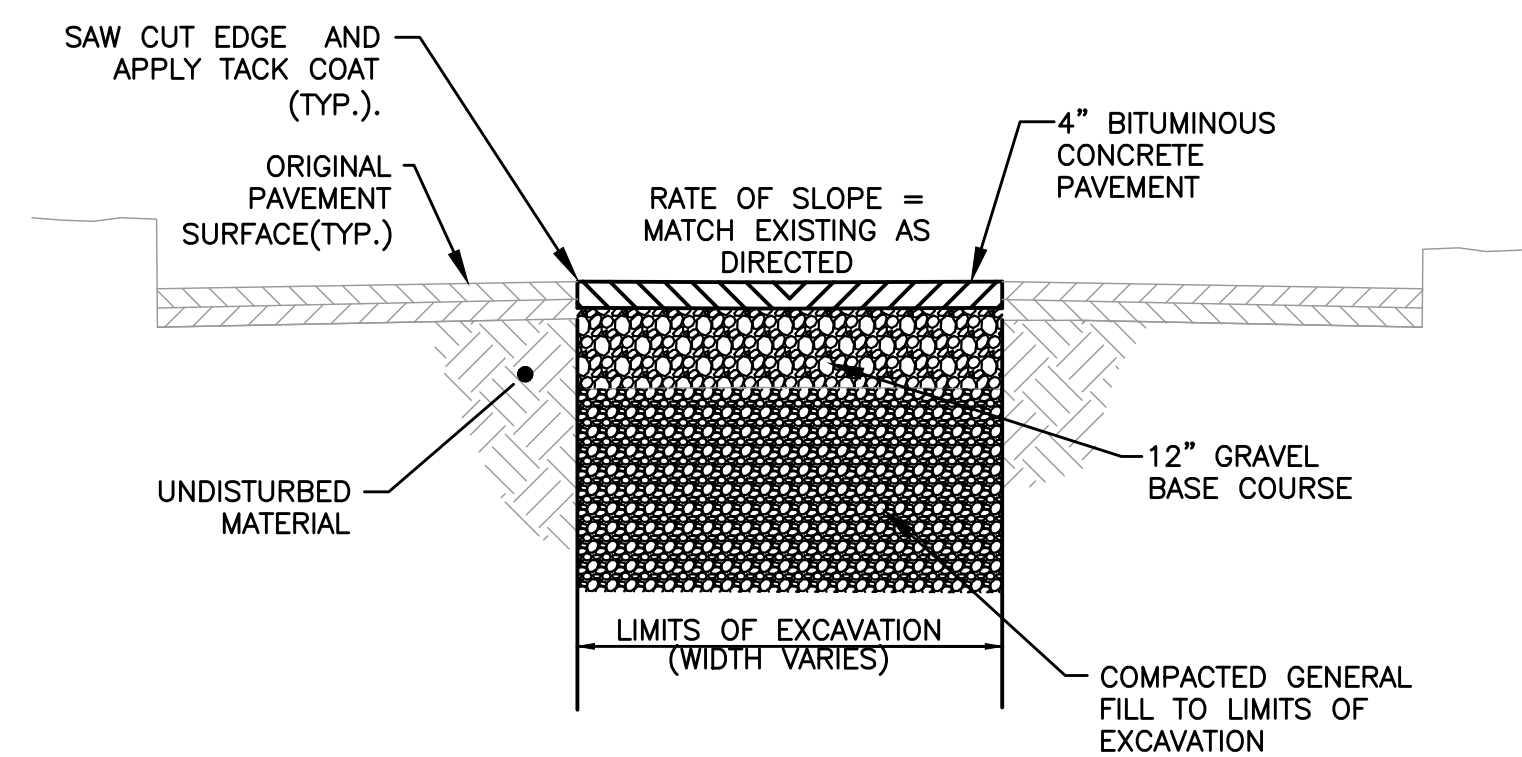
- NOTES:
1. SHALL BE IN ACCORDANCE WITH CITY OF TAUNTON REQUIREMENTS. NEW SIDEWALKS TO MATCH EXISTING SIDEWALK GRADE, GRID, AND FINISH.
  2. ELIMINATE CURBING FOR SIDEWALKS IN GRASSED/NON-ROADWAY AREAS.
  3. EXISTING SIDEWALK TO BE SAW CUT AS DIRECTED BASE ON THE PLACEMENT OF NEW SIDEWALKS.

**CEMENT CONCRETE SIDEWALK**  
SCALE: NONE

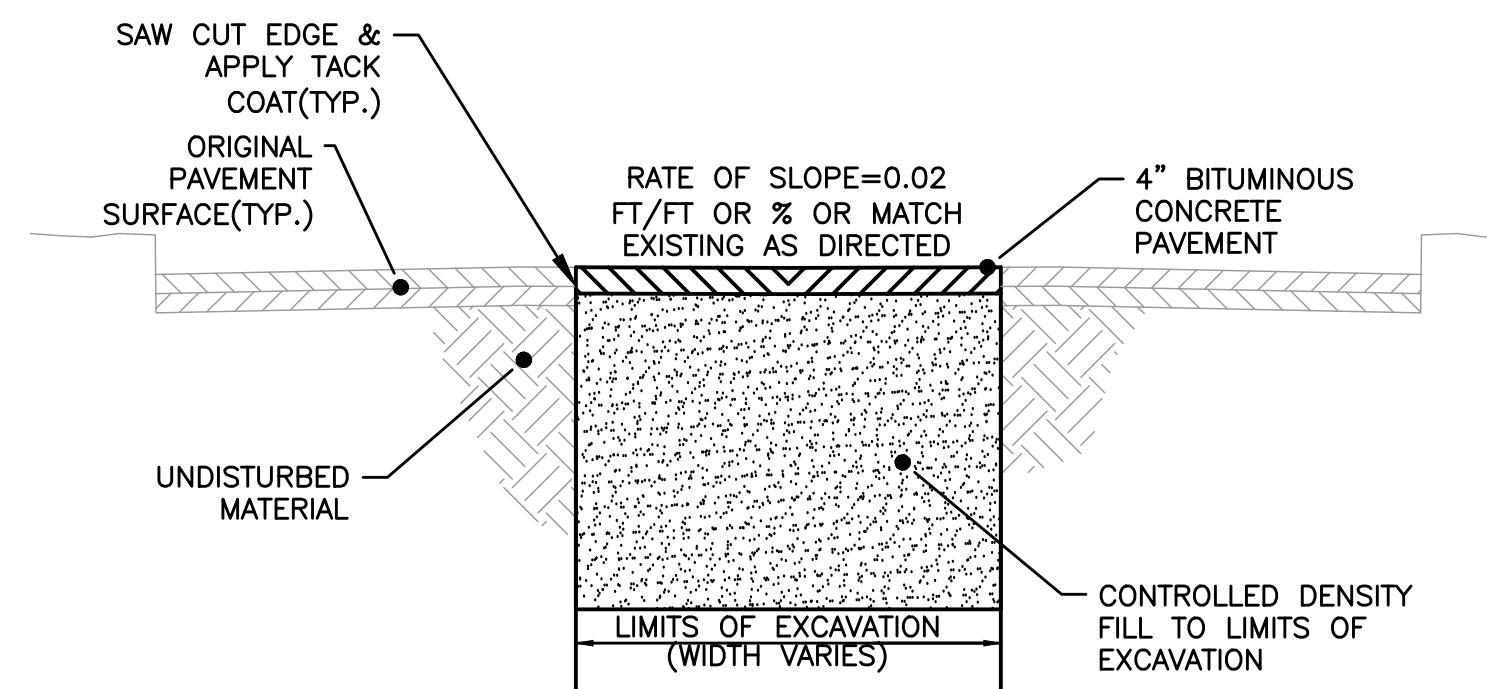


- NOTES:
1. SHALL BE IN ACCORDANCE WITH CITY OF TAUNTON REQUIREMENTS. NEW SIDEWALKS TO MATCH EXISTING SIDEWALK GRADE, GRID, AND FINISH.
  2. ELIMINATE CURBING FOR SIDEWALKS IN GRASSED/NON-ROADWAY AREAS.
  3. EXISTING SIDEWALK TO BE SAW CUT AS DIRECTED BASE ON THE PLACEMENT OF NEW SIDEWALKS.

**HMA SIDEWALK**  
SCALE: NONE

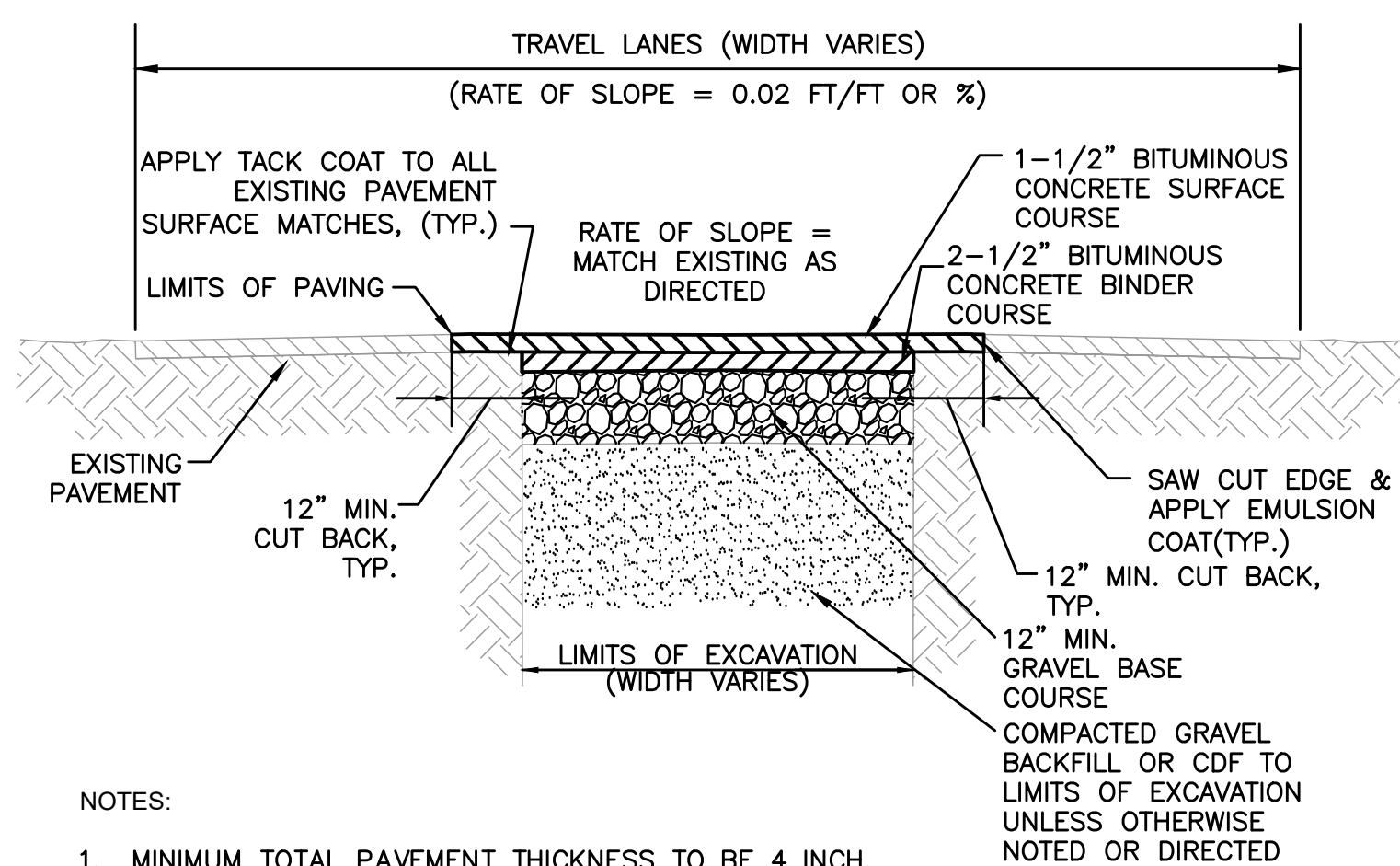


**TYPICAL TEMPORARY PAVEMENT FOR:  
STREET WHERE CONTROLLED  
DENSITY FILL IS NOT REQUIRED**  
SCALE: NONE



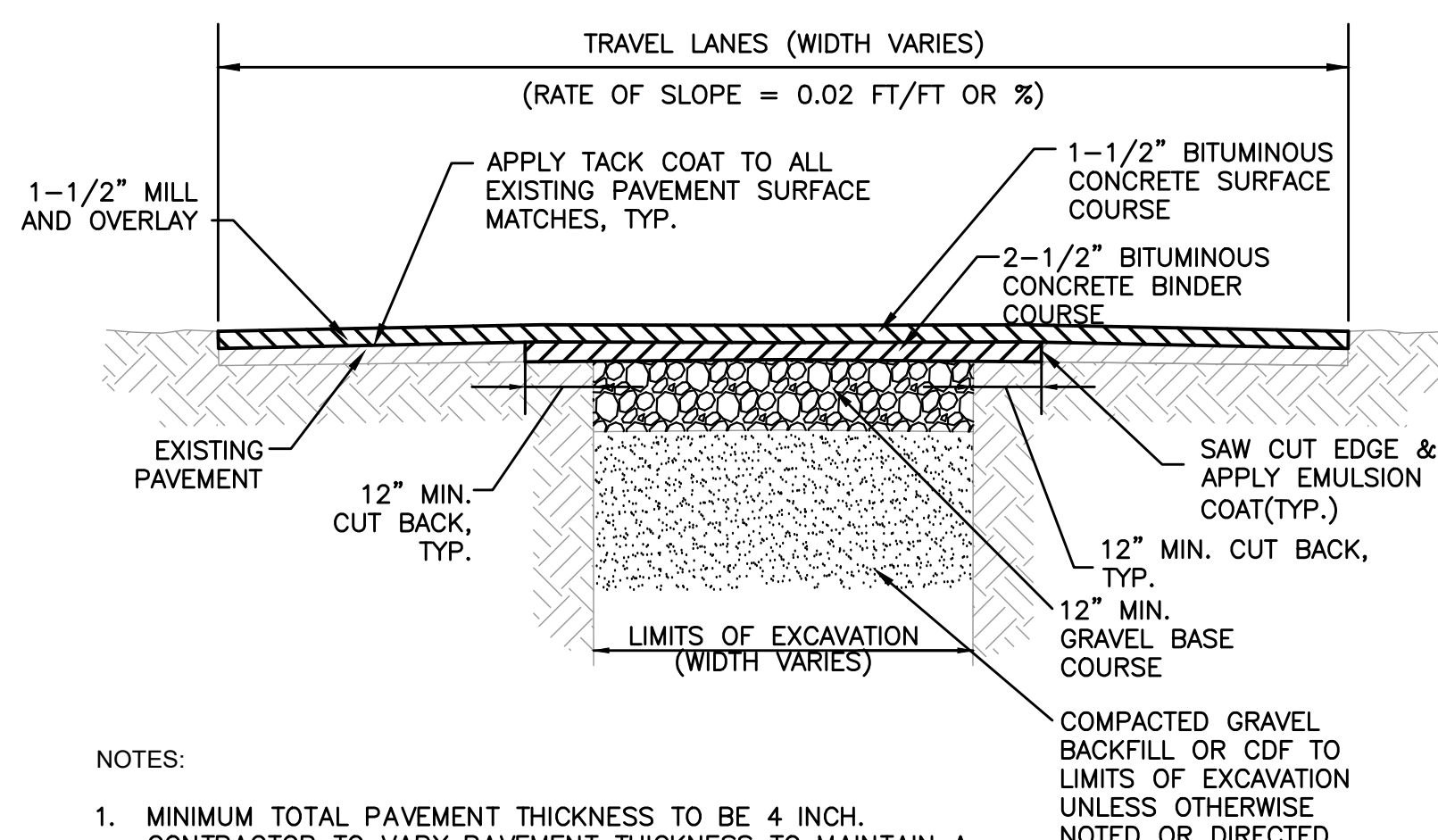
- PDF NOTES:
1. CONTROLLED DENSITY FILL SHALL BE USED FOR TRENCH BACKFILL AS DIRECTED BY THE ENGINEER.
  2. CONTROLLED DENSITY FILL SHALL BE USED AT UTILITY CROSSINGS.

**TYPICAL TEMPORARY PAVEMENT FOR:  
LOCATIONS WHERE CONTROLLED  
DENSITY FILL IS REQUIRED**  
SCALE: NONE



- NOTES:
1. MINIMUM TOTAL PAVEMENT THICKNESS TO BE 4 INCH.
  2. CUT BACK DISTANCES SHALL BE AS DIRECTED BY THE ENGINEER, HOWEVER UNDER NO CIRCUMSTANCES LESS THAN THE MINIMUM INDICATED.

**TYPICAL PERMANENT TRENCH-WIDTH  
PAVEMENT RESTORATION**  
SCALE: NONE



- NOTES:
1. MINIMUM TOTAL PAVEMENT THICKNESS TO BE 4 INCH. CONTRACTOR TO VARY PAVEMENT THICKNESS TO MAINTAIN A MINIMUM CROSS SECTIONAL SLOPE EQUALING 0.02 FT/FT PER CITY OF TAUNTON ROAD OPENING REQUIREMENTS.
  2. CUT BACK DISTANCES SHALL BE AS DIRECTED BY THE ENGINEER, HOWEVER UNDER NO CIRCUMSTANCES LESS THAN THE MINIMUM INDICATED.

**TYPICAL PERMANENT CURB-TO-CURB  
PAVEMENT RESTORATION**  
SCALE: NONE

DIAMETER OF PIPE D IN INCHES	MAXIMUM PAYMENT LIMITS					
	TRENCH WIDTH IN FEET		TEMPORARY TRENCH PAVEMENT WIDTH IN FEET		PERMANENT TRENCH PAVEMENT WIDTH IN FEET*	
	TRENCH DEPTH		TRENCH DEPTH		TRENCH DEPTH	
	< OR = 10'	> 10' TO 20'	< OR = 10'	> 10' TO 20'	< OR = 10'	> 10' TO 20'
12 AND SMALLER	5.00	6.00	6.00	7.00	8.00	9.00
15	5.25	6.25	6.25	7.25	8.25	9.25
18	5.50	6.50	6.50	7.50	8.50	9.50
21	5.75	6.75	6.75	7.75	8.75	9.75
24	6.00	7.00	7.00	8.00	9.00	10.00
27	6.25	7.25	7.25	8.25	9.25	10.25
30	6.50	7.50	7.50	8.50	9.50	10.50
36	7.00	8.00	8.00	9.00	10.00	11.00
42	7.50	8.50	8.50	9.50	10.50	11.50
48	8.00	9.00	9.00	10.00	11.00	12.00
54	8.50	9.50	9.50	10.50	11.50	12.50
60	9.00	10.00	10.00	11.00	12.00	13.00
66	9.50	10.50	10.50	11.50	12.50	13.50
72	10.00	11.00	11.00	12.00	13.00	14.00

- NOTES:
1. PERMANENT TRENCH PAVEMENT INCLUDES 1' CUT BACK OF TEMPORARY PAVEMENT ALONG EACH SIDE OF THE TRENCH.
  2. TRENCH DEPTH MEASURED FROM THE EXISTING GROUND SURFACE TO 6" BELOW THE BOTTOM OF THE CONSTRUCTED PIPE.
  3. QUANTITIES FOR PAYMENT SHALL BE IN ACCORDANCE WITH THE ABOVE LIMITS OR THE ACTUAL WIDTHS, WHICHEVER IS LESS.

**TRENCH WIDTH TABLE**

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**CIVIL DETAILS III**

ADDENDUM #1	6/17/22
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NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

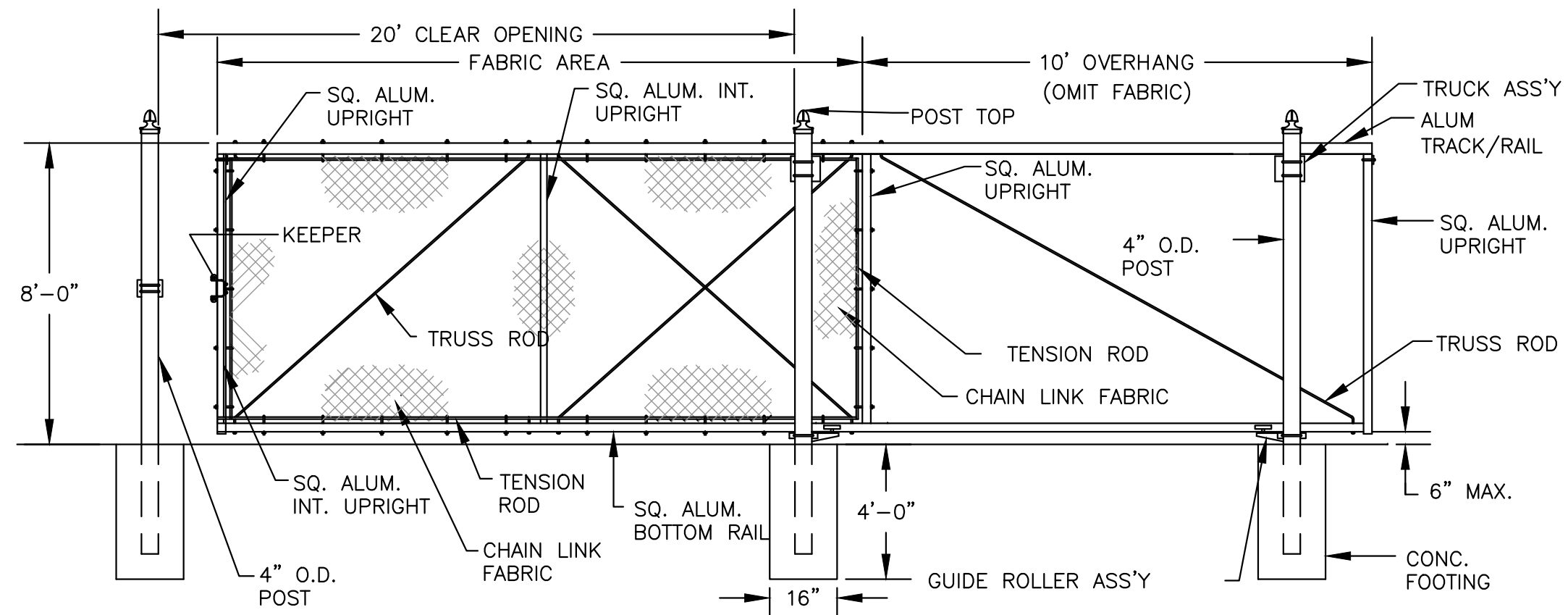
BETA JOB NO.: 10685

SCALE

NONE

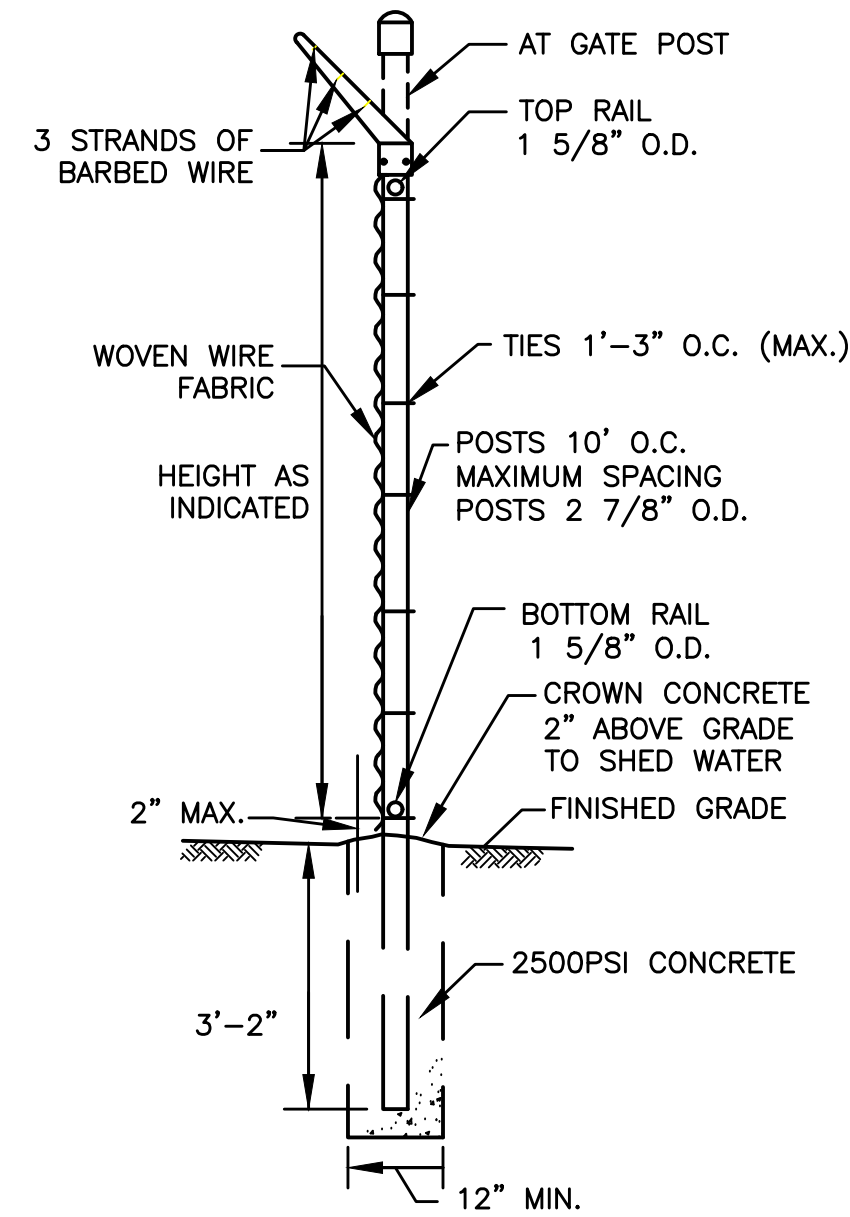
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SHEET NO. **CD-3**

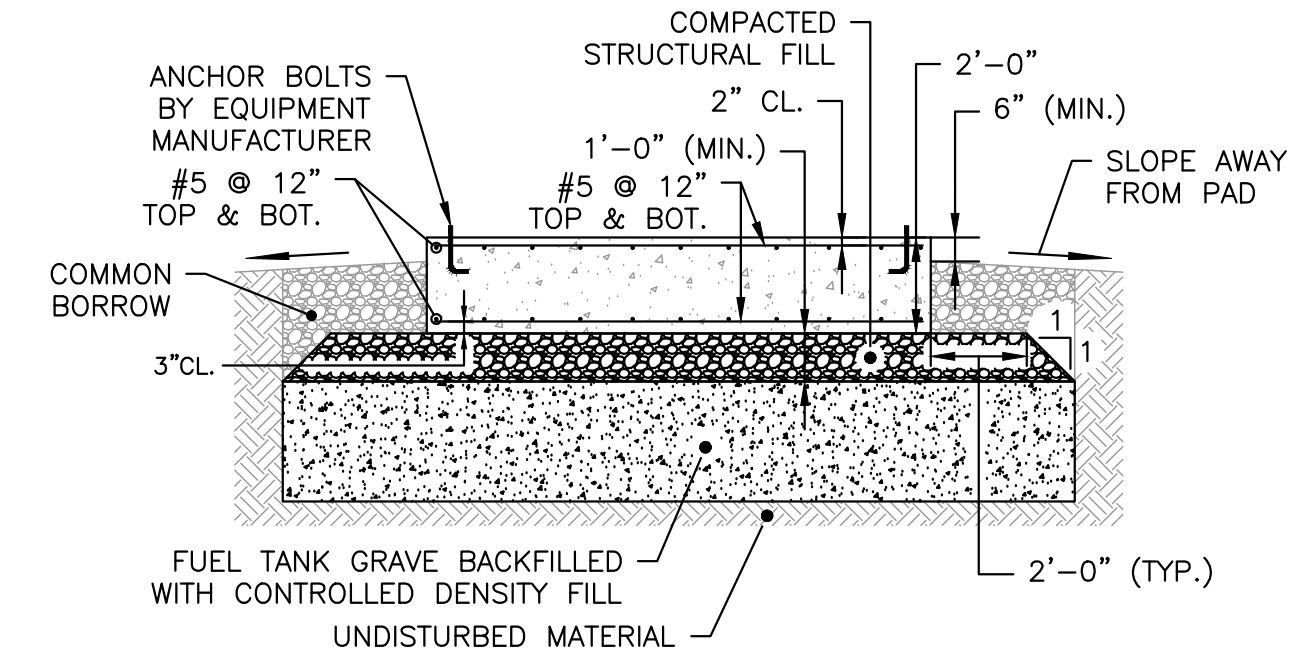
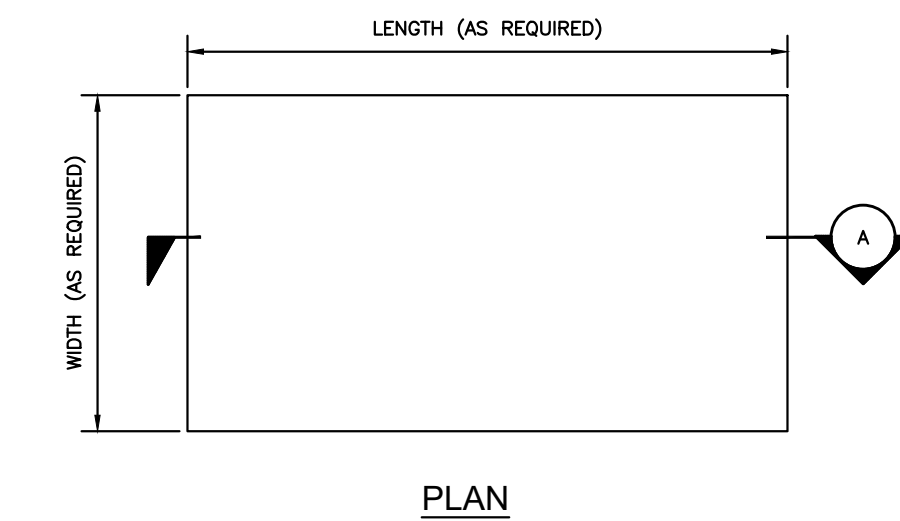


**SINGLE CANTILEVERED SLIDE GATE DETAIL**  
SCALE: NONE

\* GATE COMPONENTS ARE TO MEET OR EXCEED SPECIFIED FENCE REQUIREMENTS.



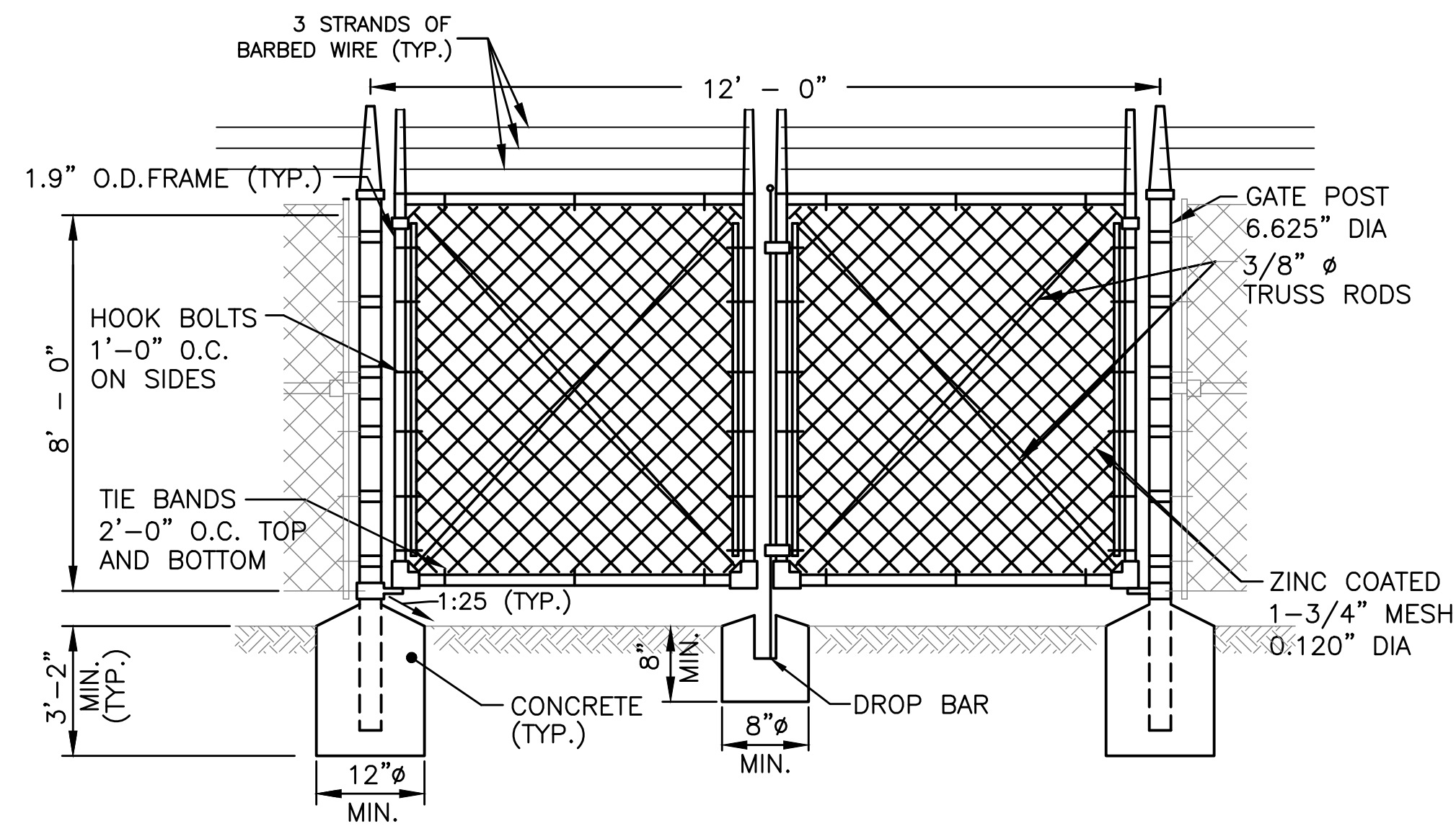
**TYPICAL CHAIN-LINK FENCE SECTION DETAIL**  
SCALE: NONE



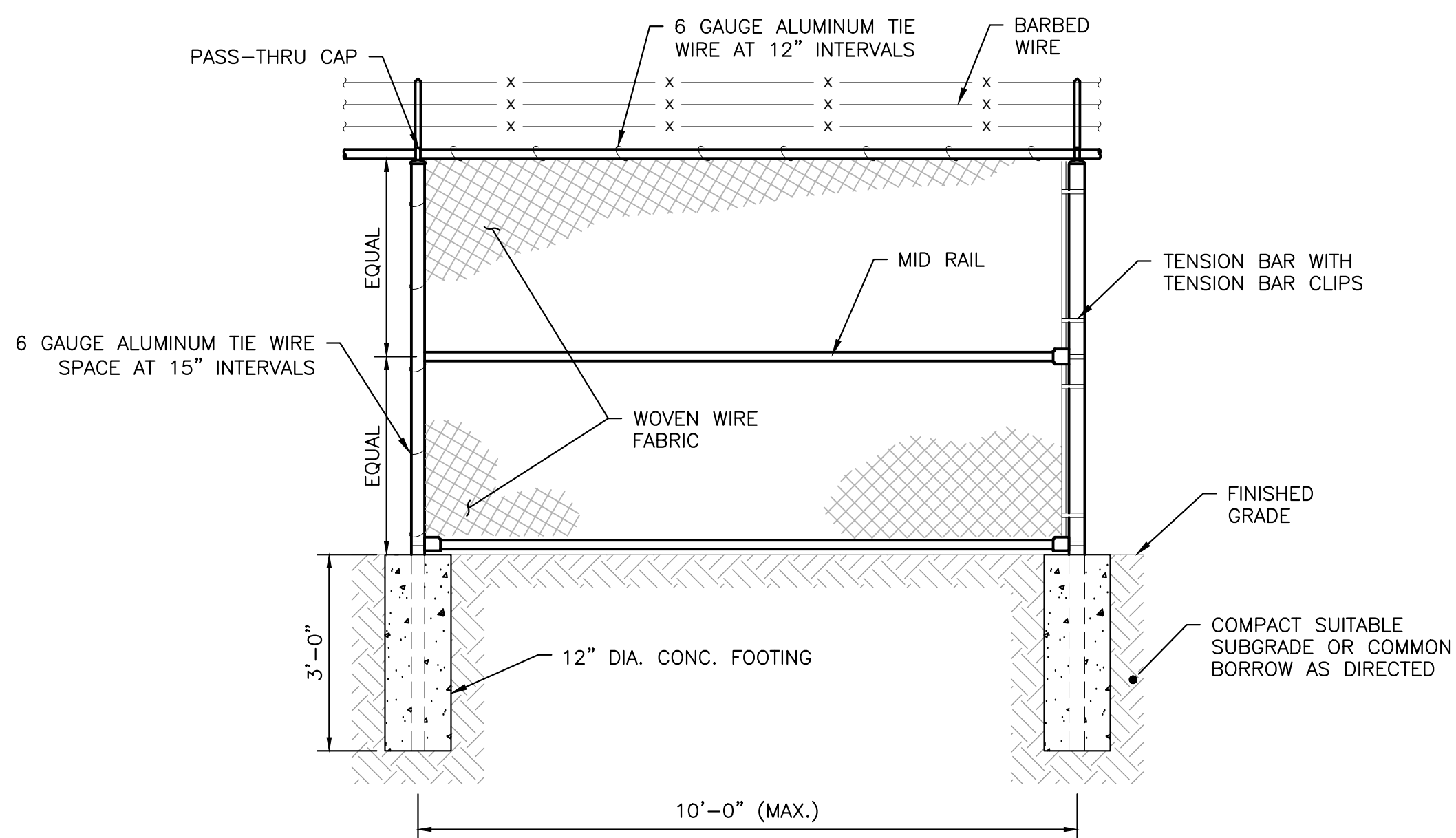
**NOTES:**

1. LENGTH AND WIDTH OF GENERATOR PAD TO BE COORDINATED WITH GENERATOR SUPPLIER.
2. CONCRETE TO BE 3500 PSI WITH A MAX 4" SLUMP.
3. TOP SURFACE OF PAD TO BE STEEL TROWELED TO LEVEL SMOOTH FINISH.
4. REFER TO MANUFACTURER'S DRAWINGS FOR GENERATOR ANCHOR REQUIREMENTS AND LOCATIONS.
5. COORDINATE REQUIRED PENETRATIONS WITH ELECTRIC AND PLUMBING CONTRACTOR.

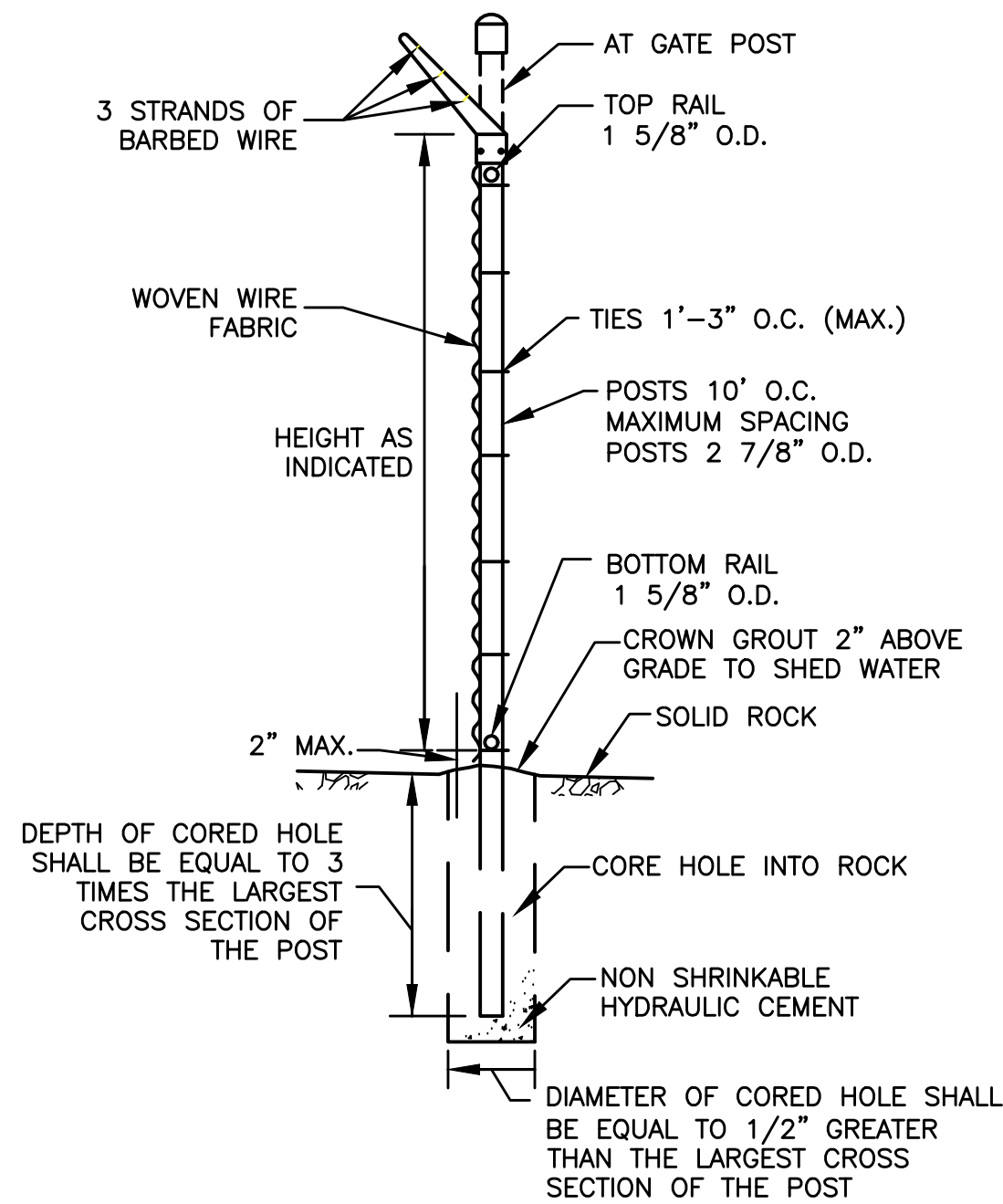
**GENERATOR PAD WITH CONTROL DENSITY BACKFILL DETAIL**  
SCALE: NONE



**SWING GATE DETAIL**  
SCALE: NONE



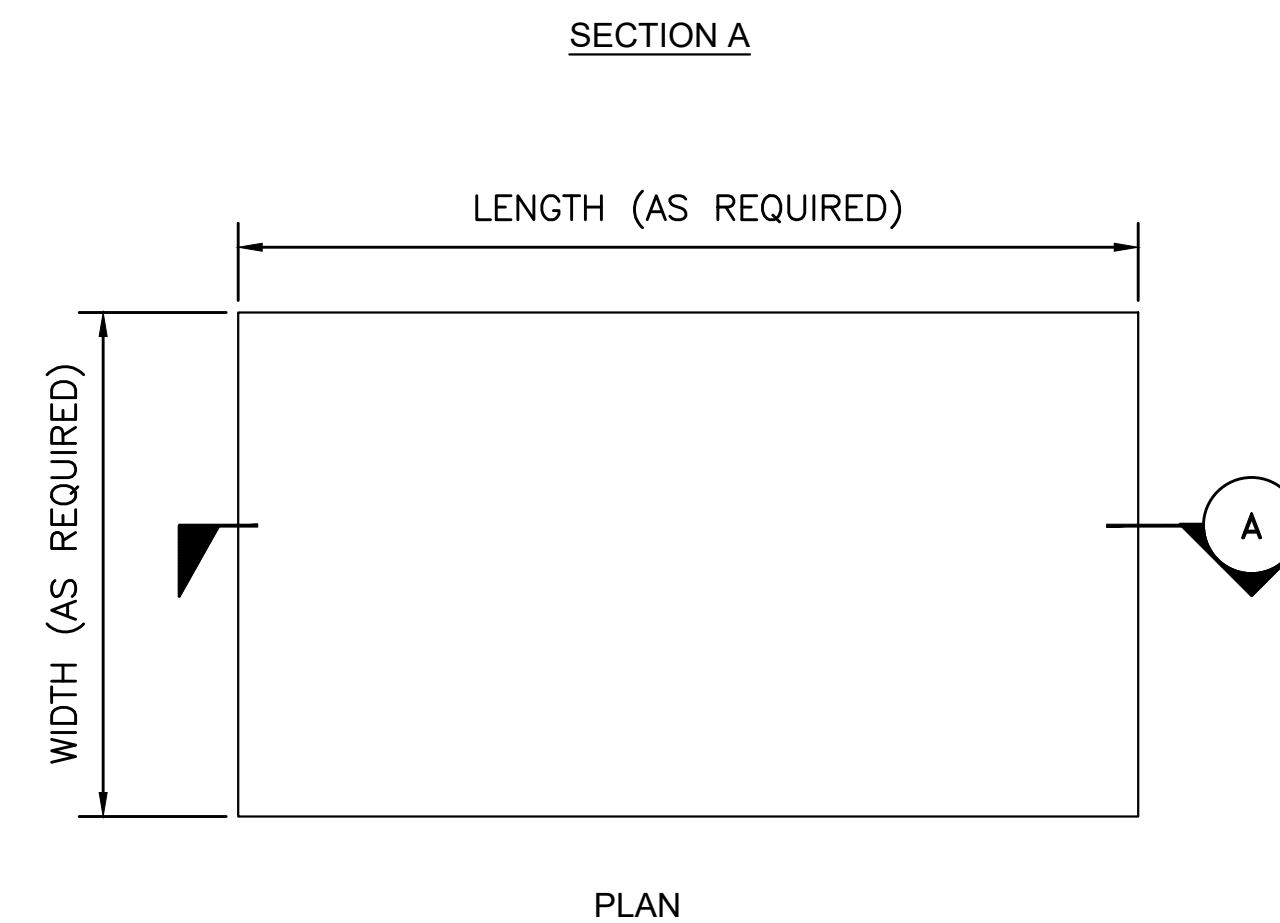
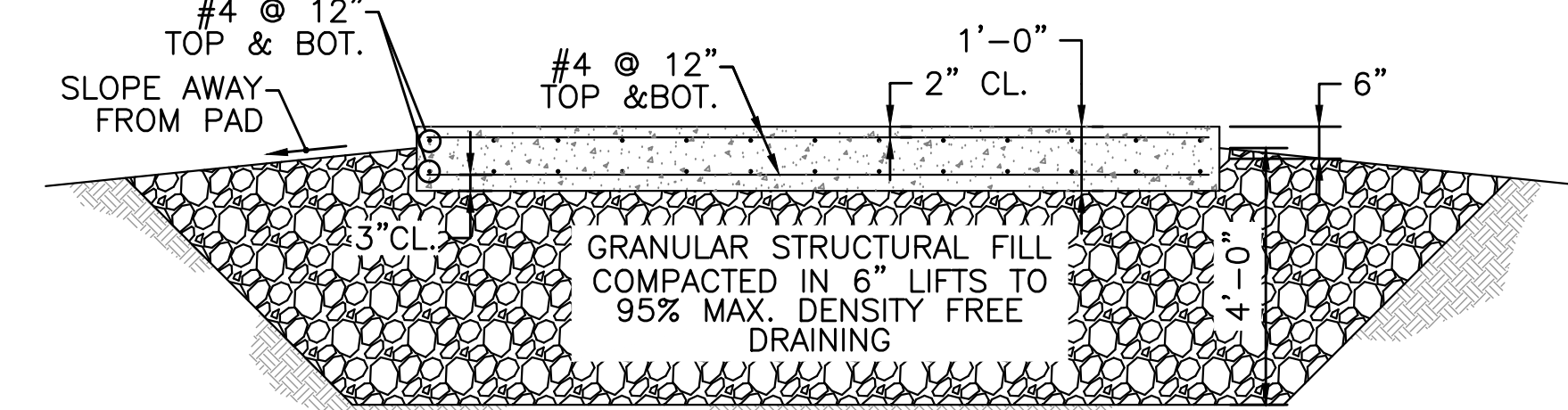
**CHAIN LINK FENCE DETAIL**  
SCALE: NONE



**NOTES:**

1. IF OVERBURDEN IS ENCOUNTERED CORE DRILLING MAY BE REQUIRED TO ACHIEVE PROPER DEPTH.

**CHAIN-LINK FENCE SECTION INSTALLED IN ROCK DETAIL**  
SCALE: NONE



**NOTES:**

1. LENGTH AND WIDTH OF GENERATOR PAD TO BE COORDINATED WITH GENERATOR SUPPLIER.
2. CONCRETE TO BE 3500 PSI WITH A MAX 4" SLUMP.
3. TOP SURFACE OF PAD TO BE STEEL TROWELED TO LEVEL SMOOTH FINISH.
4. REFER TO MANUFACTURER'S DRAWINGS FOR GENERATOR ANCHOR REQUIREMENTS AND LOCATIONS.

**GENERATOR PAD DETAIL**  
SCALE: NONE

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**CIVIL DETAILS IV**

1	ADDENDUM #1	6/17/22
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NO.	REVISIONS	DATE
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DESIGNED BY:	AG
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ISSUE DATE:	10/14/2022
BETA JOB NO.:	

SCALE

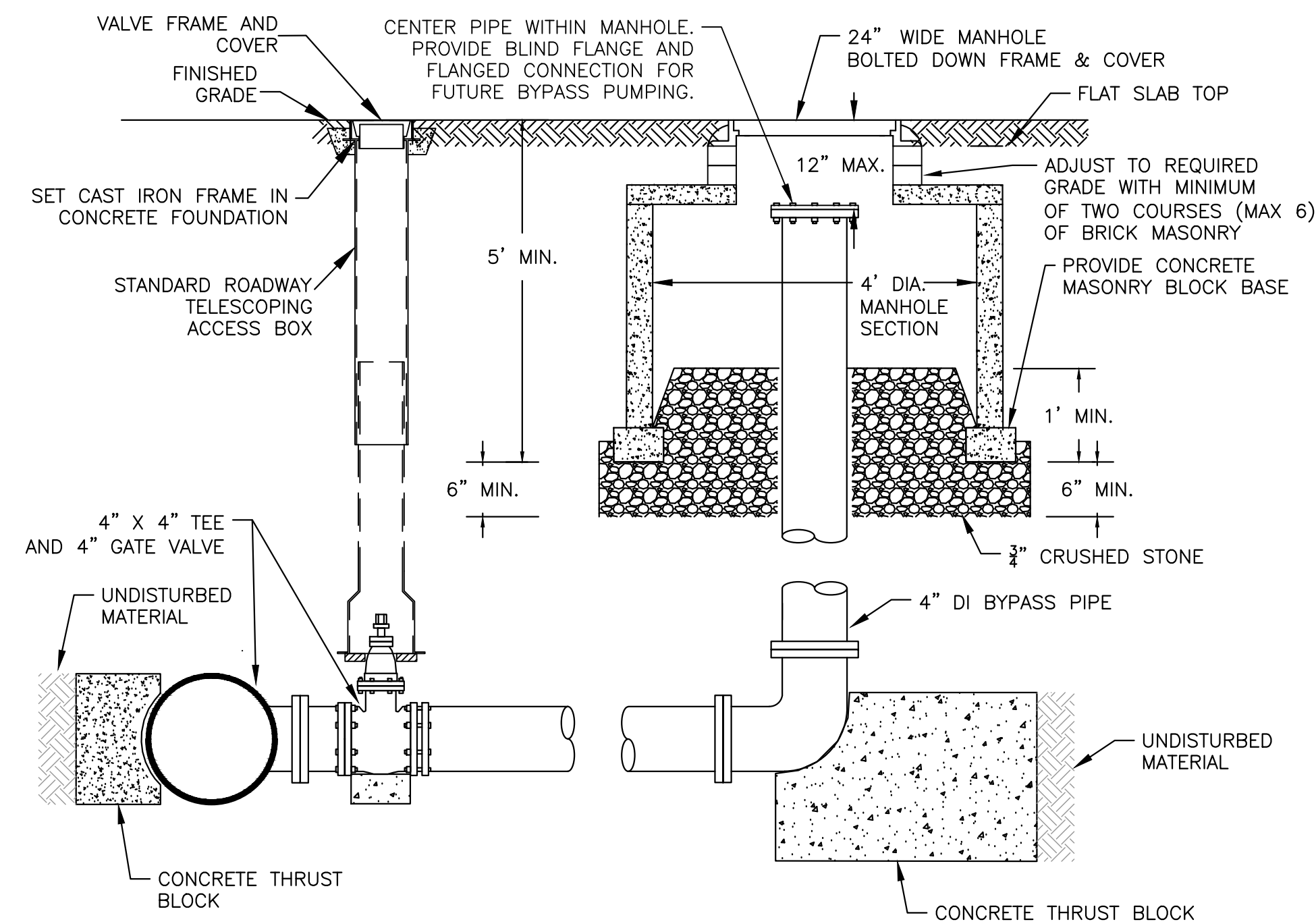
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SHEET NO.

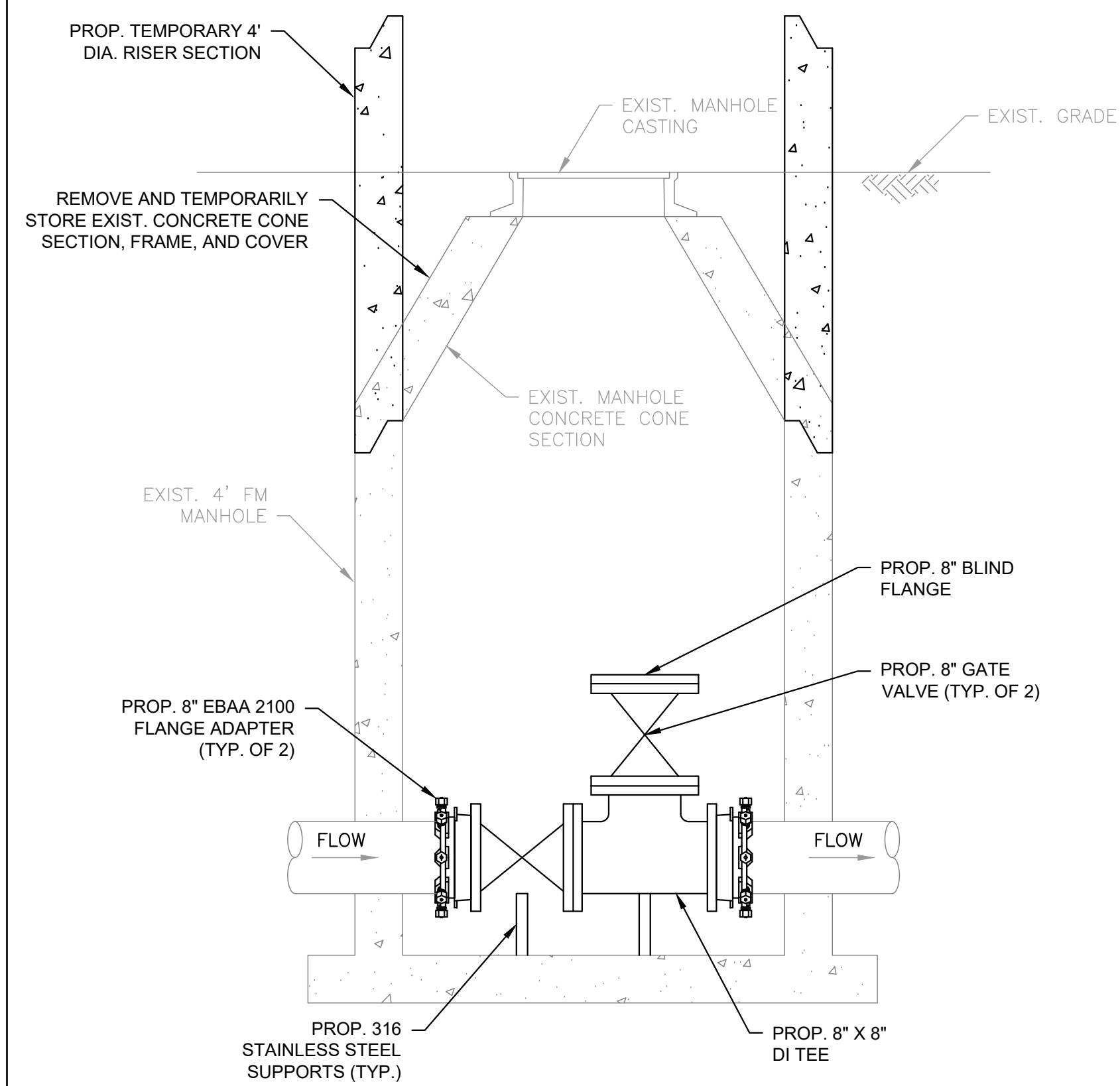
CD-4





- NOTES:
1. THE CITY OF TAUNTON MAINTAINS AND OPERATES ALL VALVES, PIPING, AND APPURTENANCES UNLESS OTHERWISE NOTED.
  2. DISCHARGE BYPASS CONNECTION WILL BE A 4"x4" TEE AND A 4" GATE VALVE. THE 4"x4" TEE WILL CONNECT TO THE EXISTING 4" DISCHARGE USING 4" DI PIPING AND A 4" ALPHA RESTRAINED COUPLING, OR APPROVED EQUAL, ON BOTH SIDES OF THE PROPOSED 4"x4" TEE.
  3. THRUST BLOCKS SHALL BE 4000 PSI CONCRETE BETWEEN THE PIPE AND UNDISTURBED MATERIAL IN ACCORDANCE WITH DUCTILE IRON PIPE RESEARCH ASSOCIATION THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE.
  4. POLYPROPYLENE SHEETING SHALL BE PLACED AROUND FITTINGS PRIOR TO POURING CONCRETE IN ACCORDANCE WITH AWWA C105.

**DISCHARGE BYPASS CONNECTION  
(WELLESLEY CIRCLE PS)  
SCALE: NONE**



- NOTES:
1. THE EXISTING MANHOLE CONCRETE CONE SECTION, FRAME, AND COVER ARE TO BE REMOVED AND TEMPORARILY STORED FOR INSTALLATION OF THE PROPOSED FITTINGS, VALVES, APPURTENANCES, AND TEMPORARY BYPASS. CONTRACTOR SHALL COORDINATE TEMPORARY STORAGE OF THE EXISTING MANHOLE COMPONENTS WITH THE OWNER AND ENGINEER.
  2. THE EXISTING MANHOLE CONCRETE CONE SECTION, FRAME, AND COVER ARE TO BE REINSTALLED ON THE EXISTING FORCE MAIN MANHOLE AFTER THE TEMPORARY BYPASS HAS BEEN FULLY DECONSTRUCTED.

**DISCHARGE BYPASS CONNECTION  
(MYLES STANDISH PS)  
SCALE: NONE**

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**CIVIL DETAILS V**

NO.	REVISIONS	DATE

DRAWN BY: PN  
DESIGNED BY: AG  
CHECKED BY: CC  
ISSUE DATE: 10/14/2022  
BETA JOB NO.: 10685

SCALE  
**NONE**

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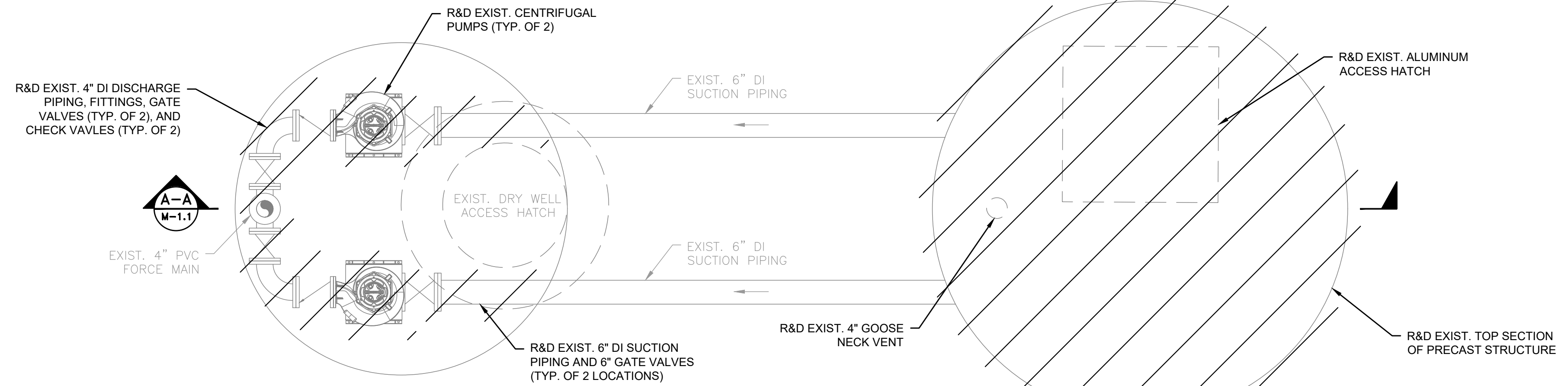
SHEET NO.  
**CD-5**

**DEMOLITION NOTES:**

1. PLANS AND SECTION OF THE EXISTING PUMPING STATION ARE BASED ON FIELD OBSERVATIONS, AND VERIFIED WHERE POSSIBLE. DIMENSIONS OF THE STRUCTURE ARE APPROXIMATE, AND THE LOCATION OF MAJOR EQUIPMENT, MISCELLANEOUS EQUIPMENT, PIPING AND MATERIALS ARE NOT NECESSARILY SHOWN BUT ARE INCLUDED IN THE DEMOLITION. THE CONTRACTOR SHALL INSPECT THE EXISTING PUMPING STATION AND UNDERGROUND ELECTRICAL STRUCTURE DURING THE BIDDING PHASE OF THE PROJECT TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF THE DEMOLITION WORK. COORDINATE INSPECTION WITH THE CITY OF TAUNTON.
2. DEMOLITION OF EXISTING PUMPING STATION AND ALL RELATED EQUIPMENT AND STRUCTURES SHALL BE DONE ACCORDING TO THE SEQUENCE OF OPERATIONS PLAN SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
3. CONTRACTOR TO CONDUCT SURVEY OF EXISTING CONDITIONS TO IDENTIFY ITEMS THAT MAY REQUIRE SPECIAL HANDLING AND DISPOSAL INCLUDING HAZARDOUS WASTE. CONTRACTOR TO ABATE THESE ITEMS PRIOR TO DEMOLITION ACTIVITIES.
4. PLUG AND CAP ALL HOLES RESULTING FROM PIPE REMOVAL.
5. REMOVE AND DISPOSE OF THE EXISTING DRY WELL STRUCTURE AND FILL THE CAVITY WITH FLOWABLE FILL TO THE LIMITS DEPICTED ON THE PROPOSED PLANS.
6. MATERIALS TO BE REMOVED THAT ARE NOT DESIGNATED TO BE SALVAGED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED OFF SITE AND DISPOSED OF AT CONTRACTOR'S EXPENSE.
7. CONTRACTOR IS RESPONSIBLE FOR THE LEGAL AND PROPER DISPOSAL OF ALL DEMOLITION MATERIAL ACCORDING TO ANY RELEVANT LAWS OF THE STATE OF MASSACHUSETTS.
8. ALL SEWAGE AND SLUDGE THAT MIGHT BE PRESENT IN THE EXISTING PIPING AND PUMPING EQUIPMENT TO BE DEMOLISHED, SHALL BE CONSIDERED "SPECIAL WASTE" AND SHALL BE REMOVED AND DISPOSED OF ACCORDING TO ANY RELEVANT LAWS OF THE STATE OF MASSACHUSETTS. ALL DEMOLITION MATERIAL INCLUDING CONCRETE, PIPE, AND BRICK THAT WAS IN CONTACT WITH SEWAGE SHALL BE CLEANED IN ACCORDANCE WITH MASSDEP REQUIREMENTS AND DISPOSED OF ACCORDINGLY. ONCE CLEANED, DEMOLITION MATERIALS SHALL NOT BE CONSIDERED SPECIAL WASTE.
9. SITE SHALL BE GRADED TO ELEVATIONS ON SITE PLAN.

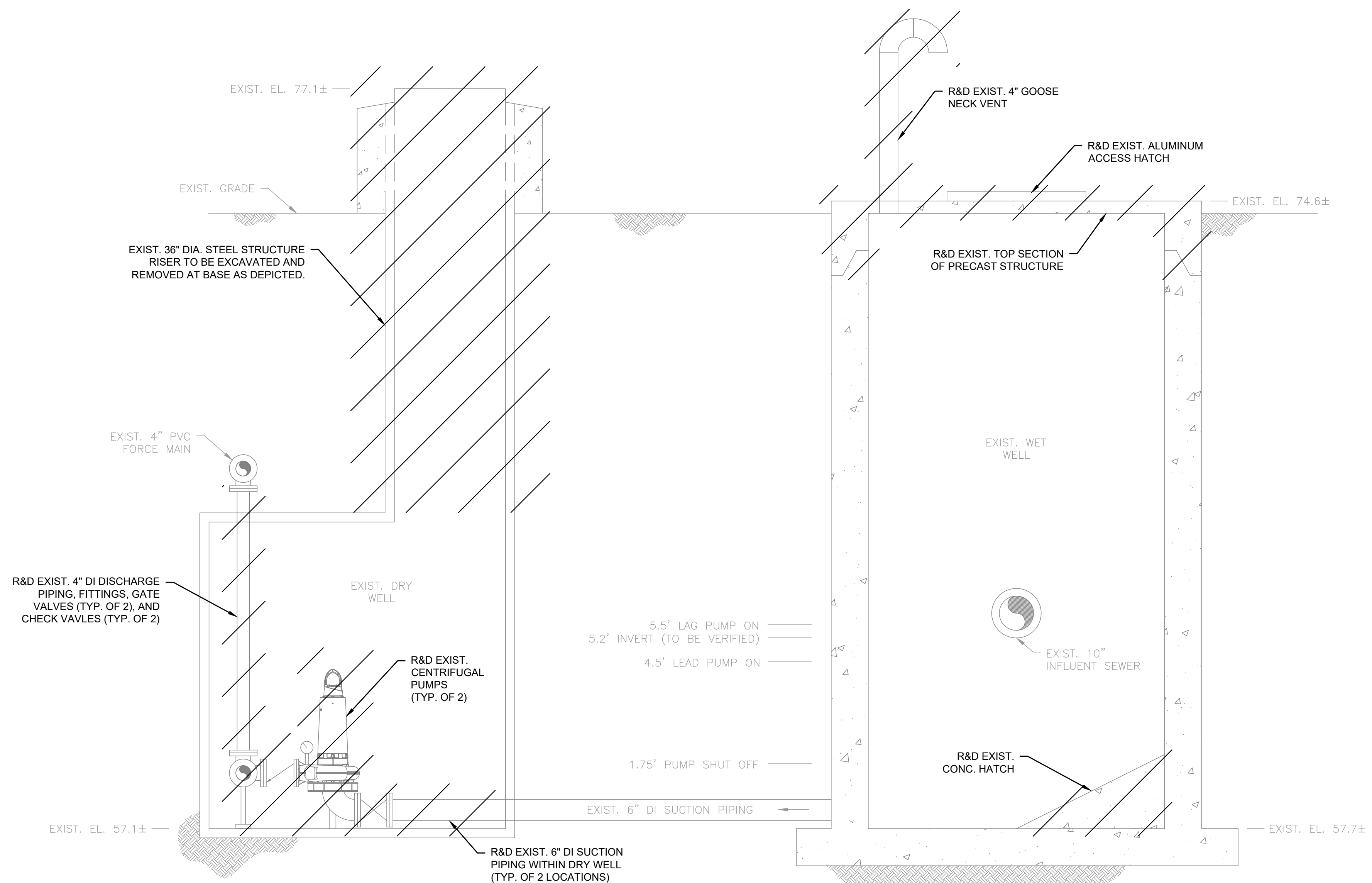
**GENERAL NOTES:**

1. CONTRACTOR SHALL CONDUCT TEST PITS AS SHOWN WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, TO FIELD VERIFY THE EXACT SIZE, MATERIAL, LOCATION, INVERT ELEVATION AND ALIGNMENT (VERTICAL AND HORIZONTAL) OF EXISTING UNDERGROUND PIPING.
2. THE CONTRACTOR SHALL MAKE TEST PITS AS REQUIRED IN ORDER TO ASCERTAIN THE EXACT LOCATION OF EXISTING UNDERGROUND UTILITIES.
3. FIRM FLOOD INSURANCE RATE MAP NUMBER 2500SC0134F PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR BRISTOL COUNTY, MASSACHUSETTS, INDICATES THE PROJECT SITE IS LOCATED WITHIN "ZONE X," WHICH IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN.



**DRY WELL AND WET WELL DEMOLITION PLAN**

SCALE: 1/2" = 1'-0"



**DEMOLITION SECTION A-A**

SCALE: 1/2" = 1'-0"

PREPARED BY



REGISTERED PROFESSIONAL

SUBCONSULTANT

PROJECT

**2023 Pump Station Improvements**

Taunton, MA

TITLE

**MYLES STANDISH PUMP STATION**

Existing Conditions

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: AG

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

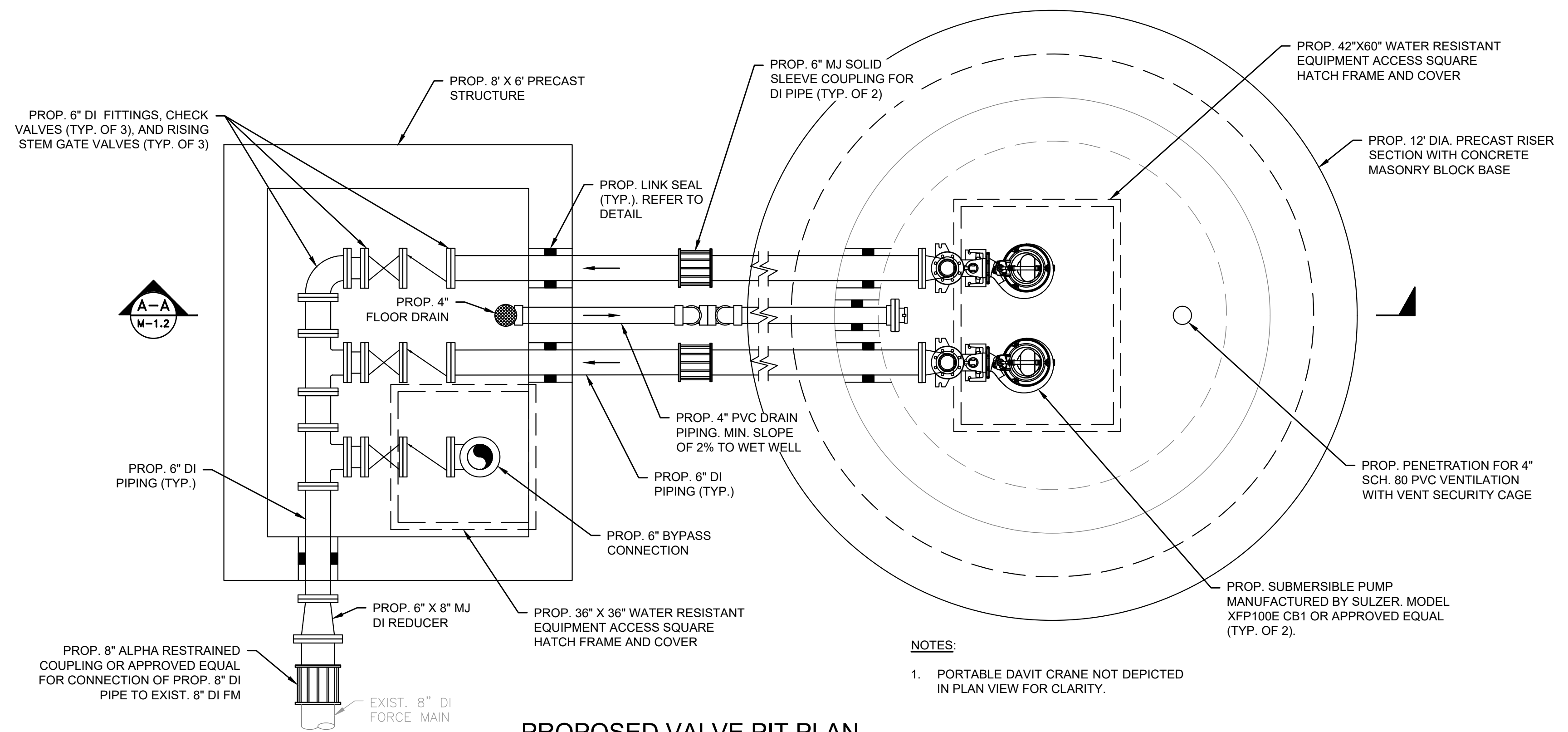
AS SHOWN

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**Not for Construction**

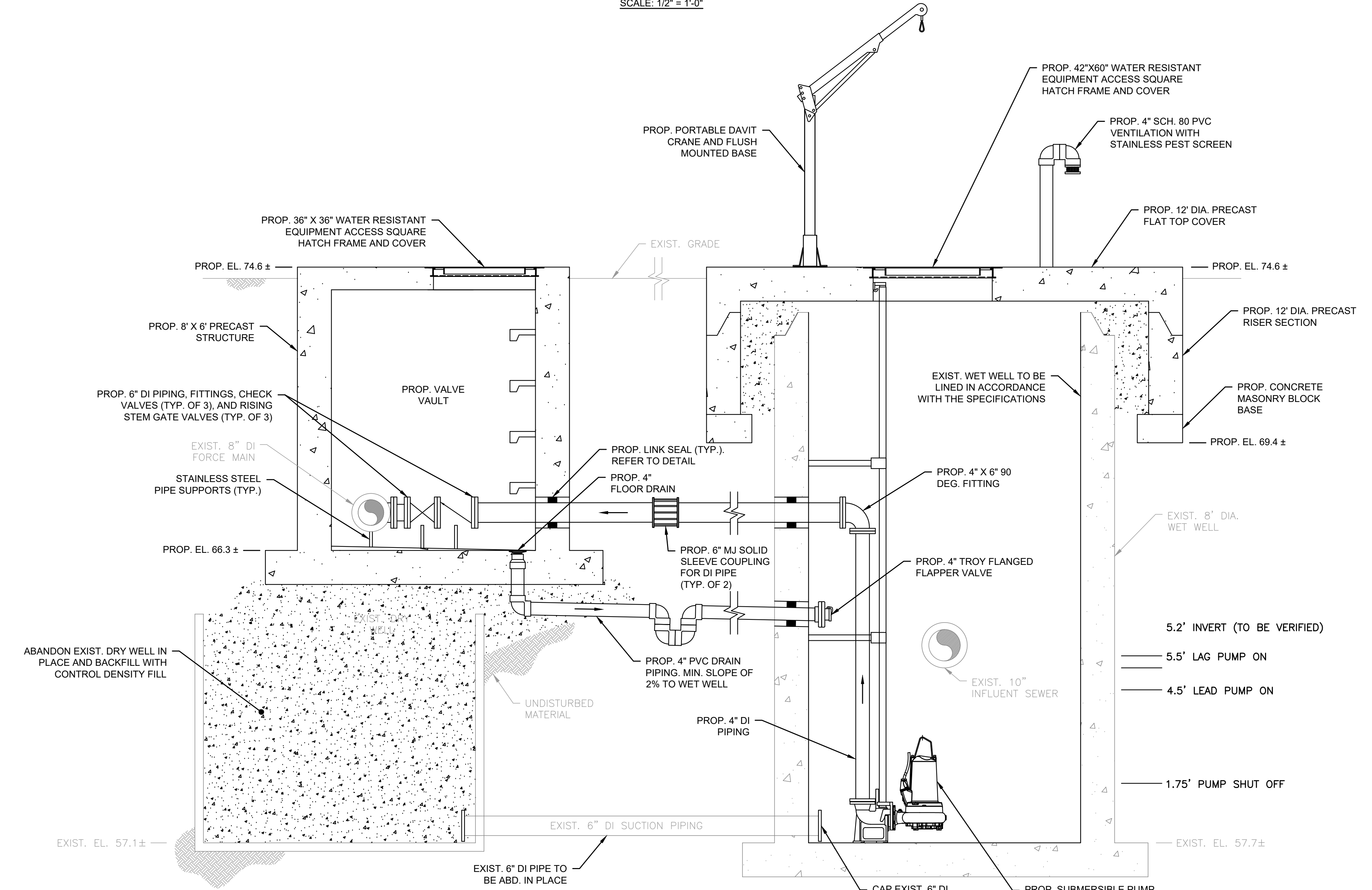
SHEET NO.

M-1.1



**PROPOSED VALVE PIT PLAN**  
SCALE: 1/2" = 1'-0"

**NOTES:**  
1. PORTABLE DAVIT CRANE NOT DEPICTED IN PLAN VIEW FOR CLARITY.



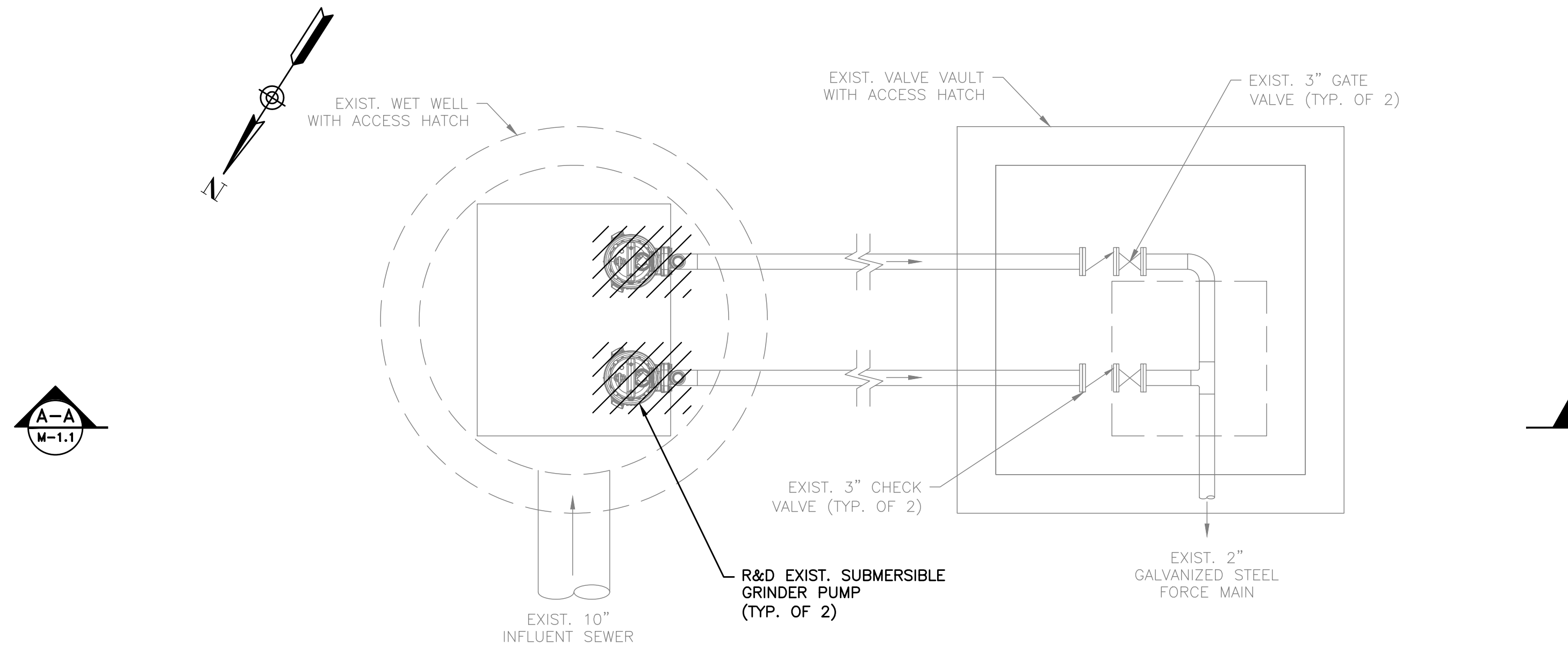
**PROPOSED SECTION A-A**  
SCALE: 1/2" = 1'-0"

NO.	REVISIONS	DATE

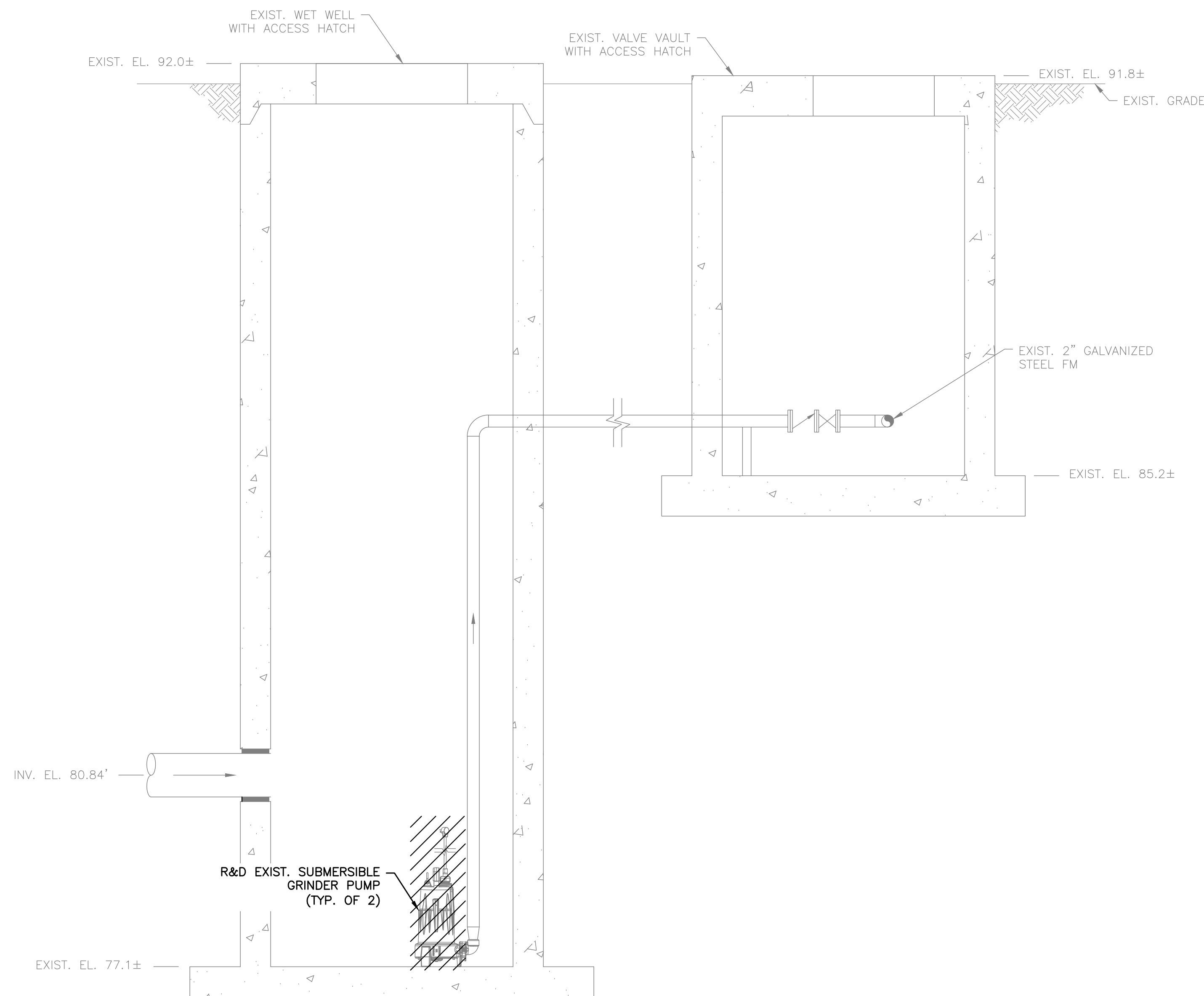
DRAWN BY:	PN
DESIGNED BY:	AG
CHECKED BY:	CC
ISSUE DATE:	10/14/2022
BETA JOB NO.:	10685

SCALE  
AS SHOWN

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**EXISTING PARTRIDGE CIRCLE  
PUMP STATION PLAN**  
SCALE: 3/4" = 1'-0"



**EXISTING PARTRIDGE CIRCLE  
PUMP STATION SECTION**  
SCALE: 3/4" = 1'-0"

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**2023 Pump Station  
Improvements**

Taunton, MA

TITLE

**PARTRIDGE CIRCLE  
PUMP STATION**

Existing Conditions


NO.	REVISIONS	DATE

DRAWN BY: PN

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CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

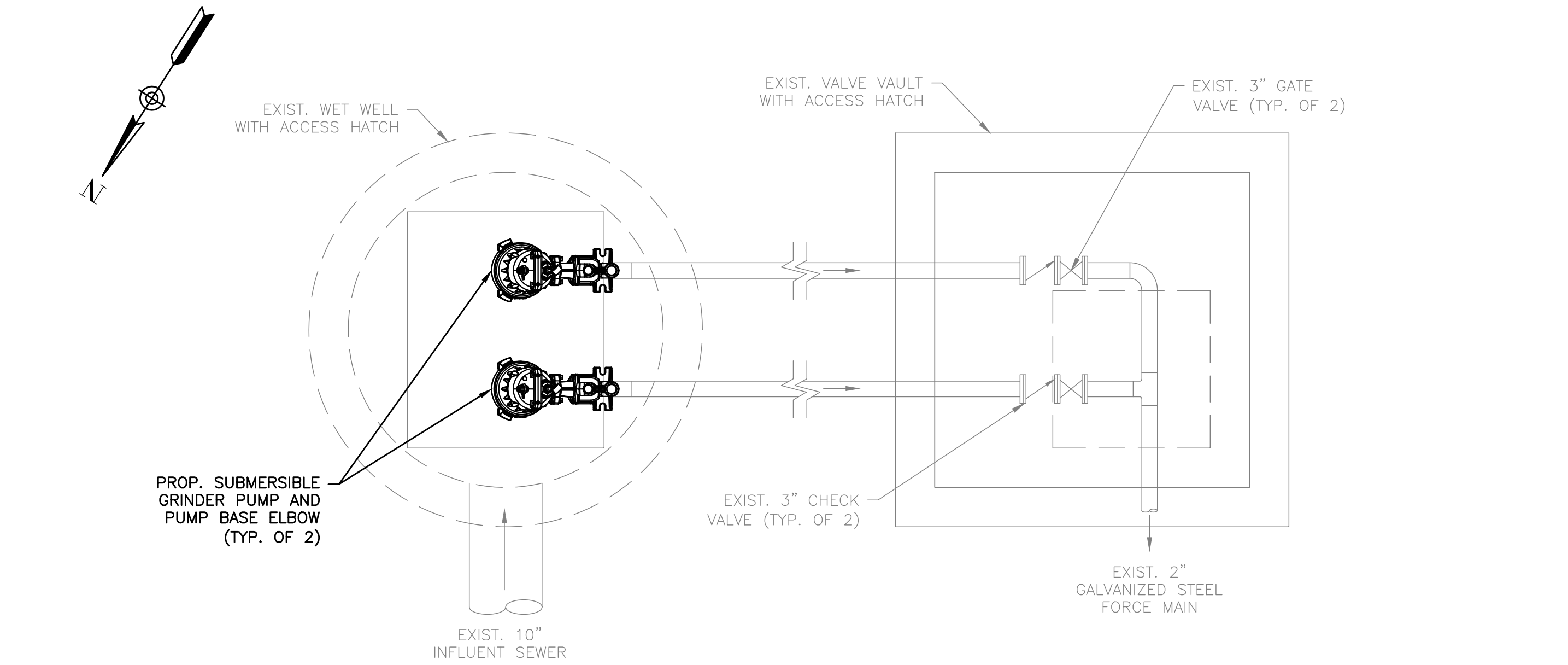
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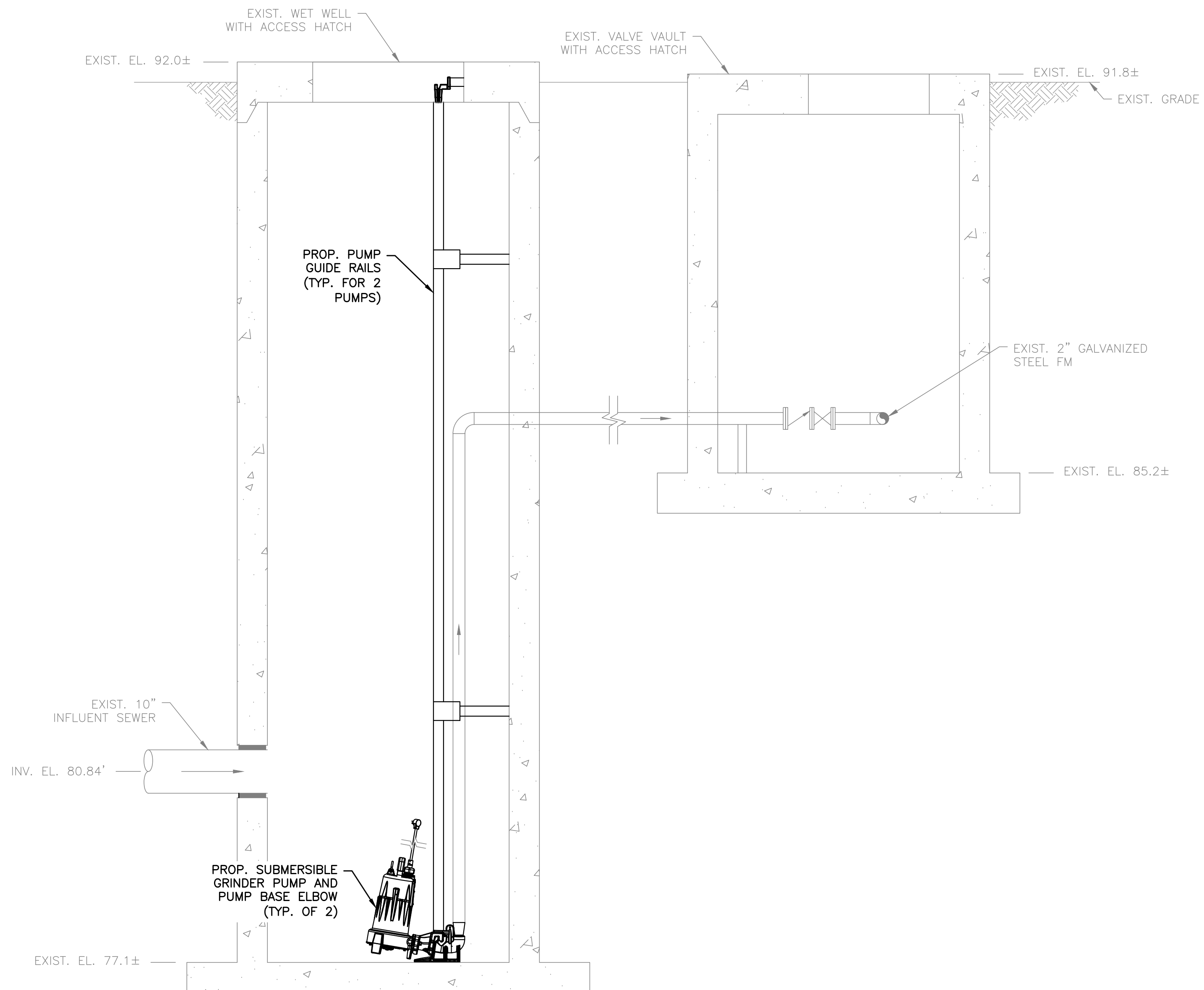
SHEET NO.

M-2.1



**PROPOSED PARTRIDGE  
CIRCLE PUMP STATION PLAN**

SCALE: 3/4" = 1'-0"



**PROPOSED PARTRIDGE CIRCLE  
PUMP STATION SECTION**

SCALE: 3/4" = 1'-0"

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**PARTRIDGE CIRCLE  
PUMP STATION**

Proposed  
Improvements

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DRAWN BY: PN

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ISSUE DATE: 10/14/2022

BETA JOB NO.: 10685

SCALE

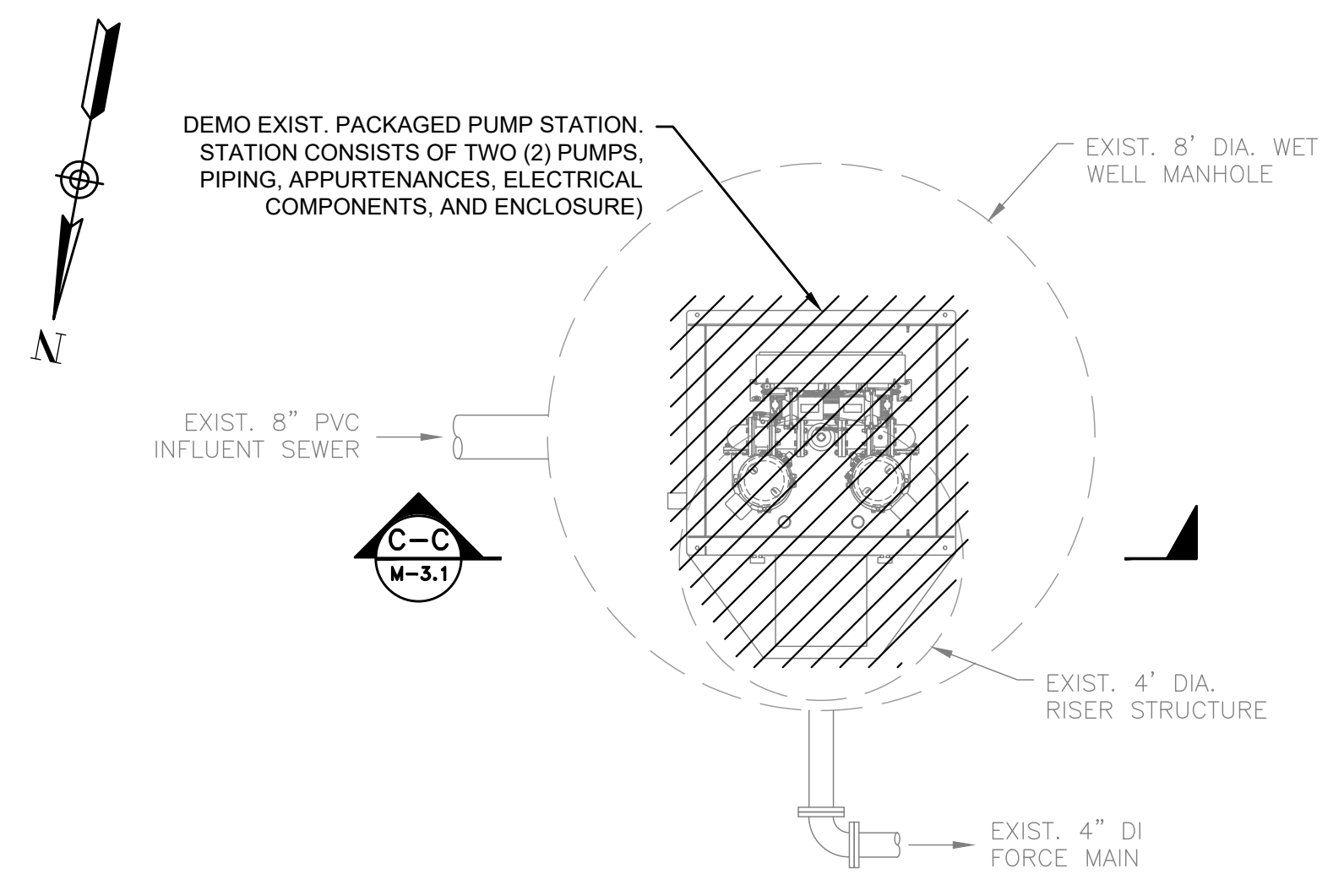
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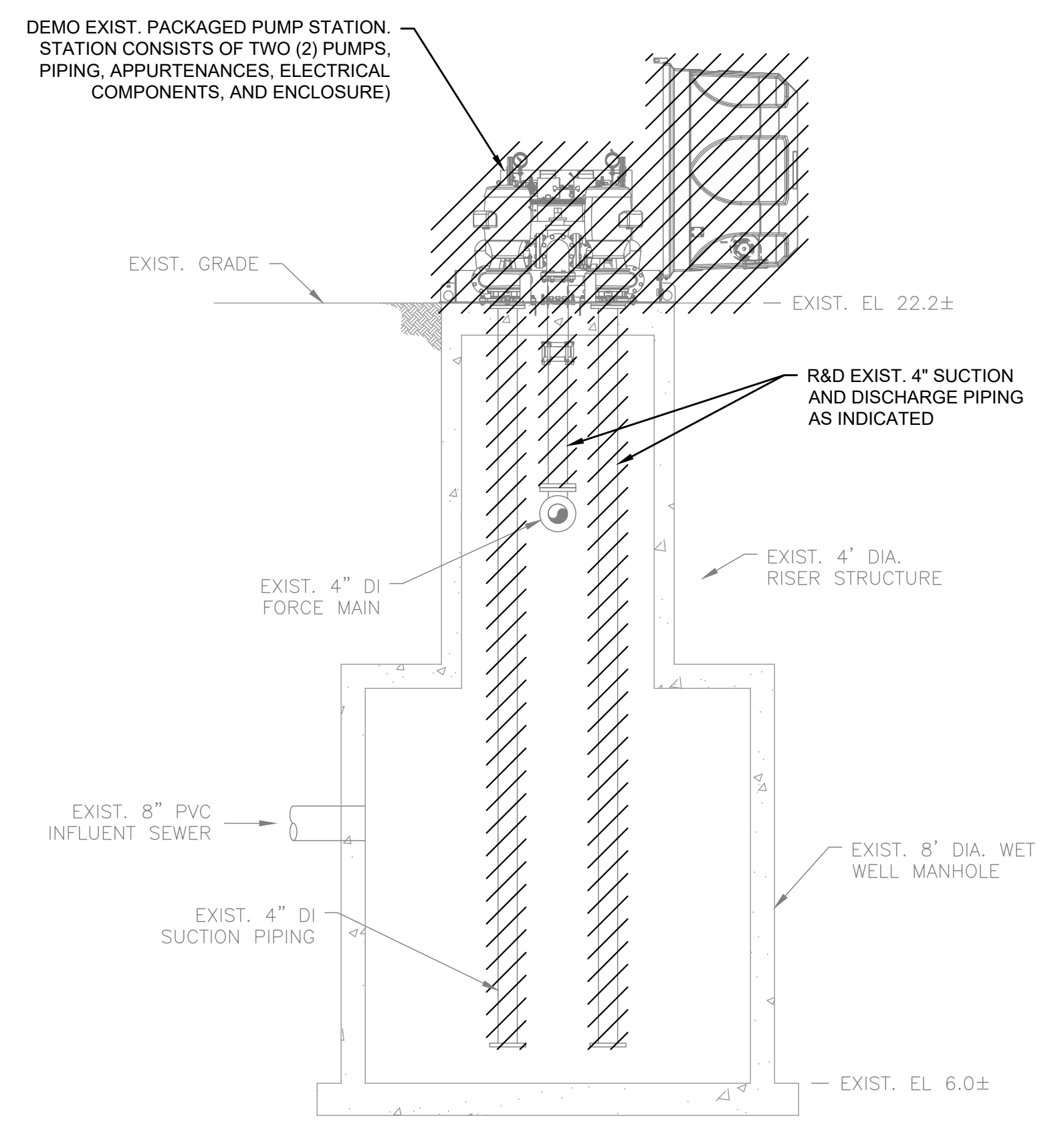
**Not for Construction**

SHEET NO.

M-2.2



**WELLESLEY CIRCLE PUMP STATION  
DEMOLITION PLAN**  
SCALE: 1" = 3/8"



**WELLESLEY CIRCLE PUMP STATION  
DEMOLITION SECTION C-C**  
SCALE: 1" = 3/8"

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**WELLESLEY CIRCLE  
PUMP STATION**

Existing Conditions

NO.	REVISIONS	DATE

DRAWN BY: PN

DESIGNED BY: PN

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ISSUE DATE: 10/14/2022

BETA JOB NO.: ###

SCALE

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WELLESLEY CIRCLE PUMP STATION

Proposed Improvements

NO. REVISIONS DATE

DRAWN BY: PN

DESIGNED BY: PN

CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.: ####

SCALE

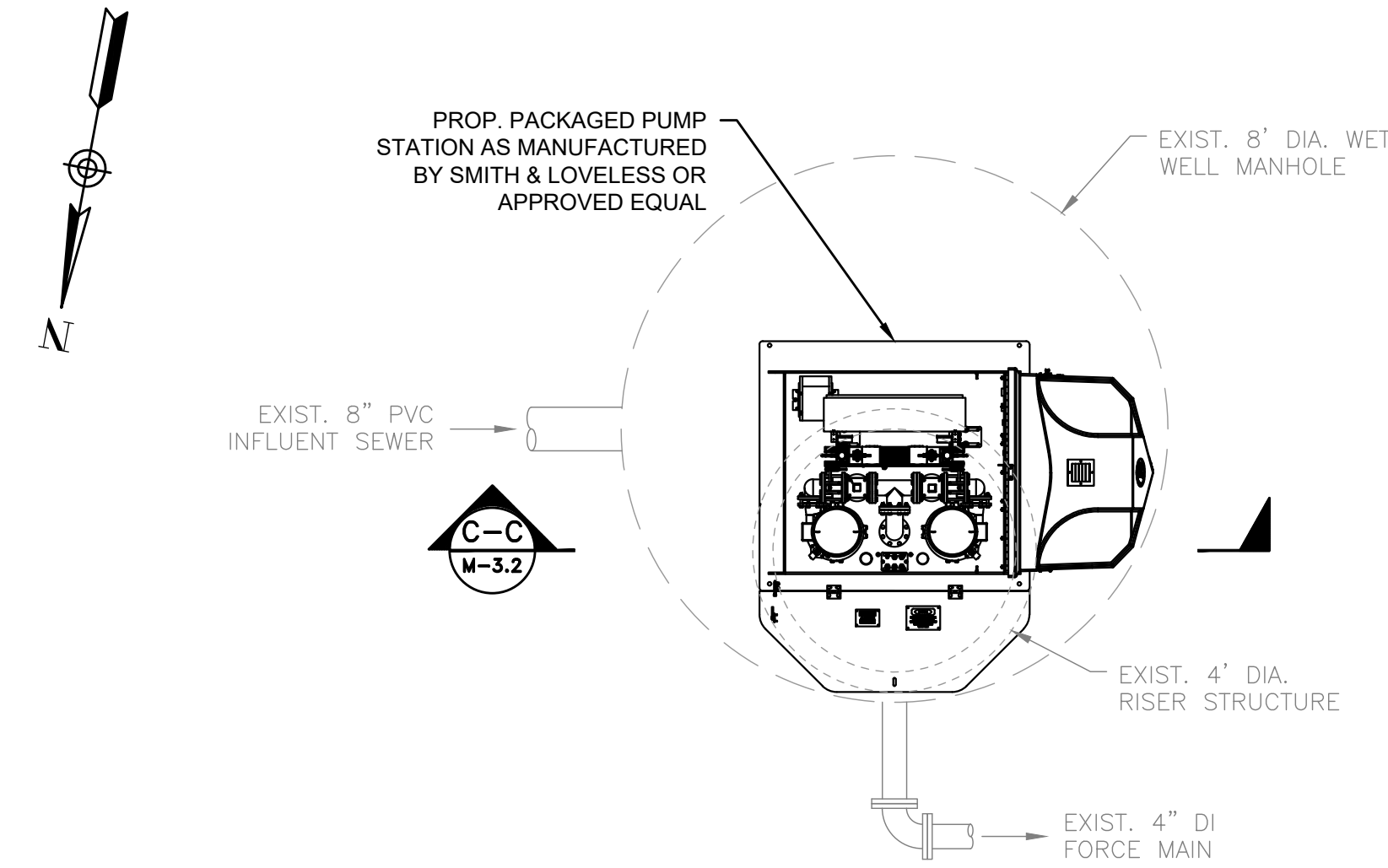
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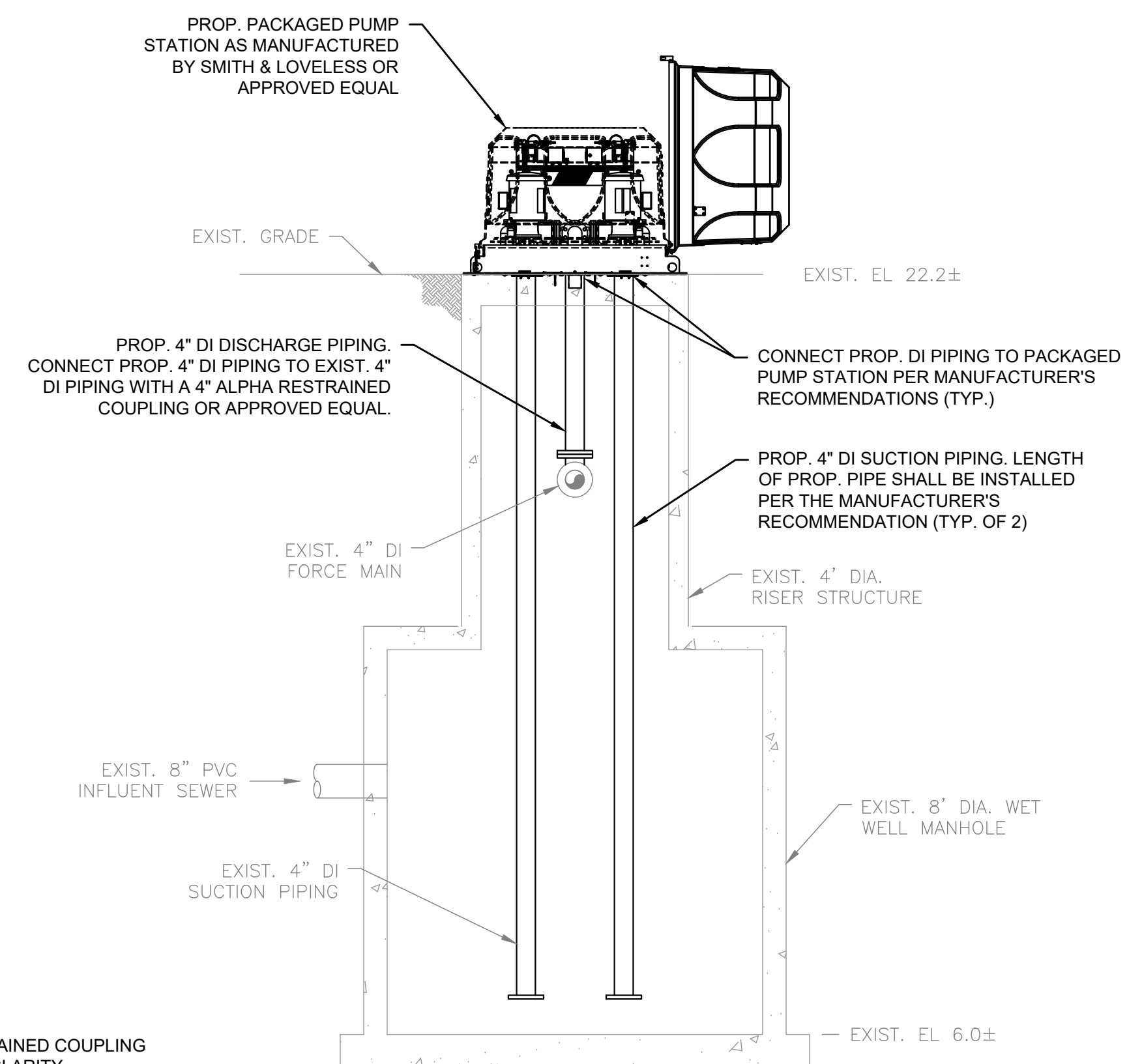
SHEET NO.

M-3.2



**WELLESLEY CIRCLE PUMP STATION  
DEMOLITION PLAN**

SCALE: 1" = 3/8"

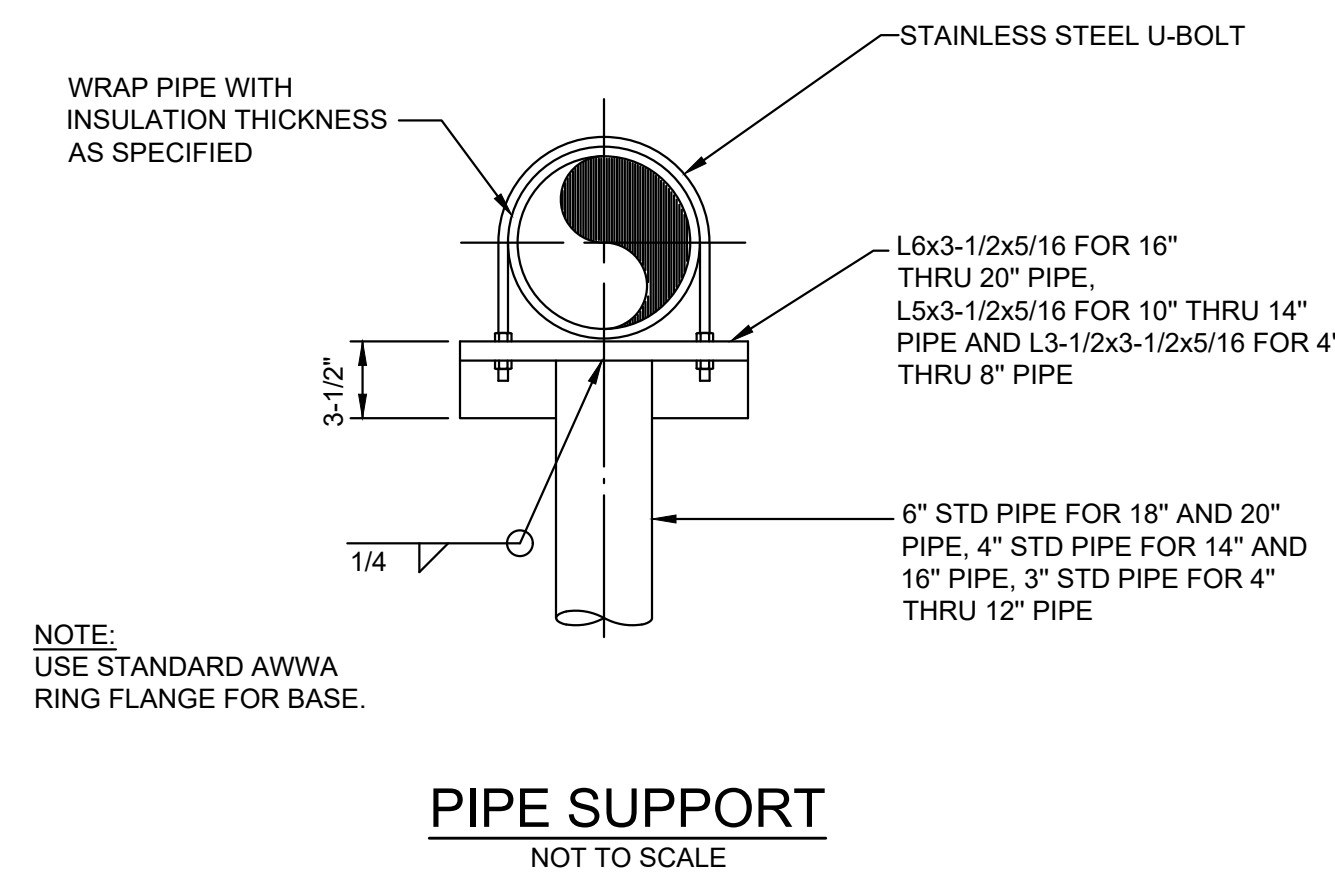
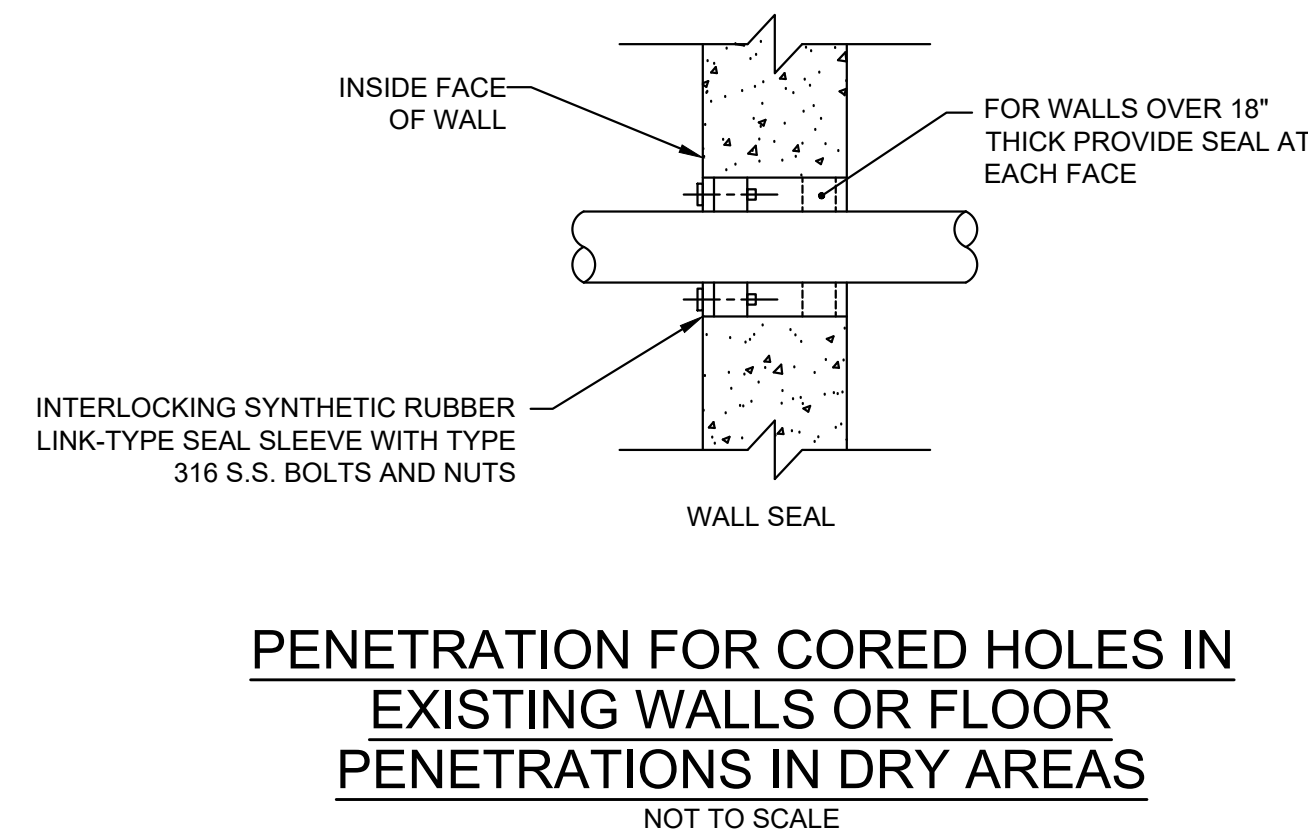
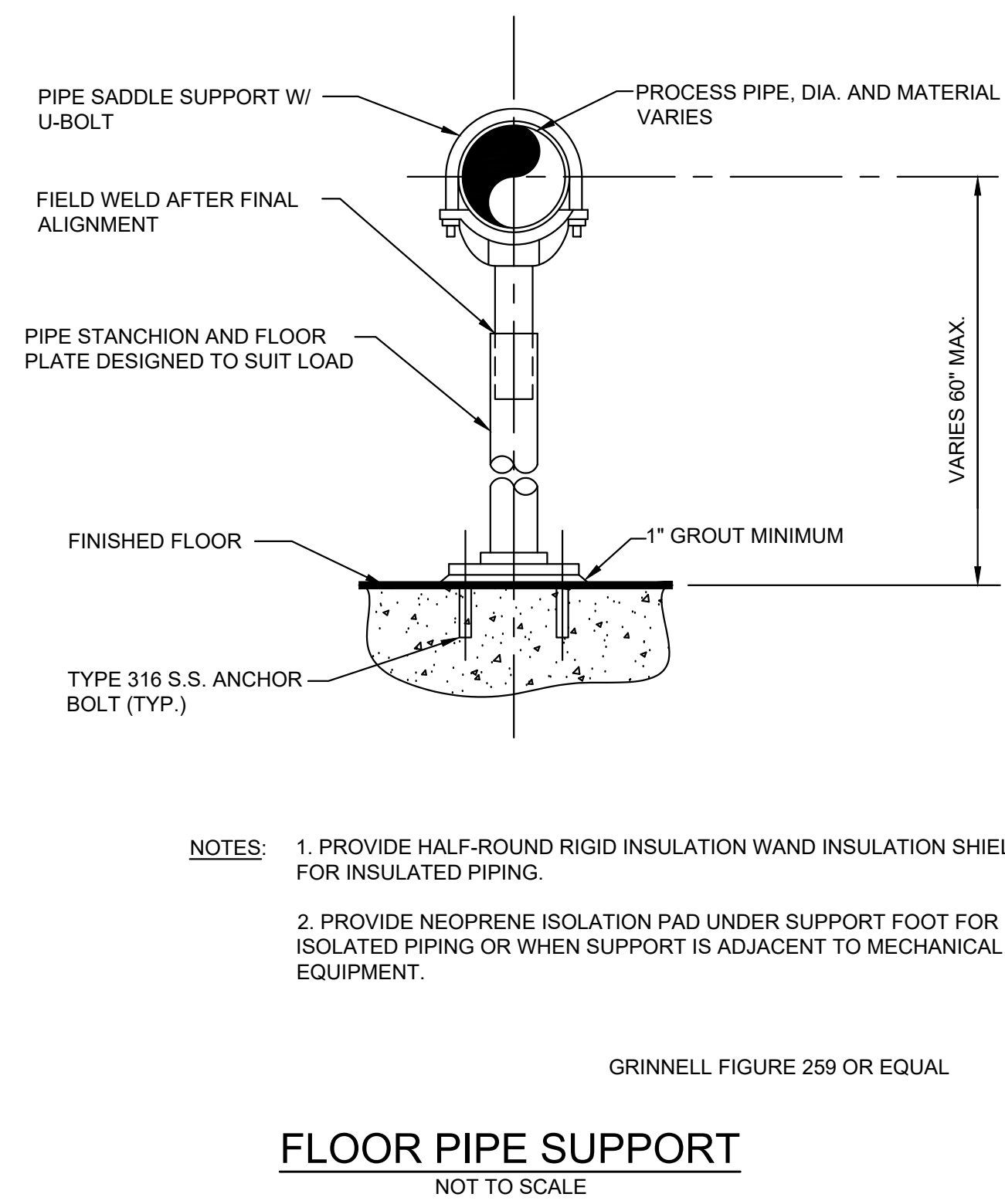
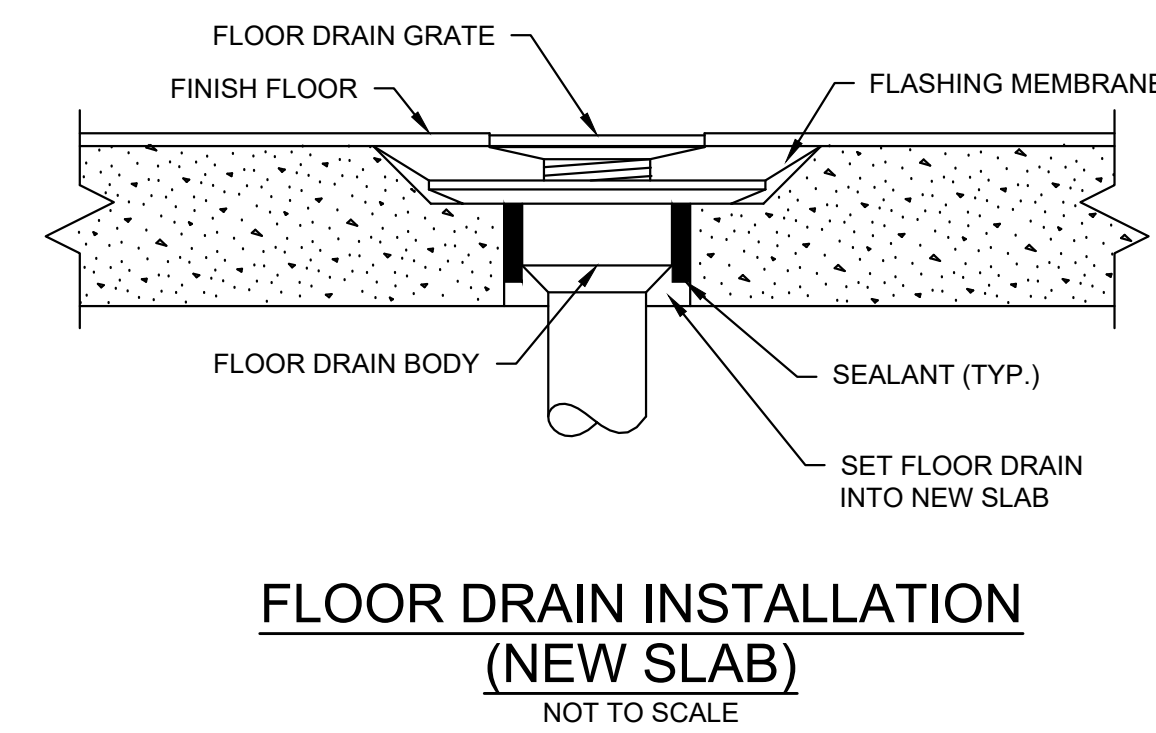
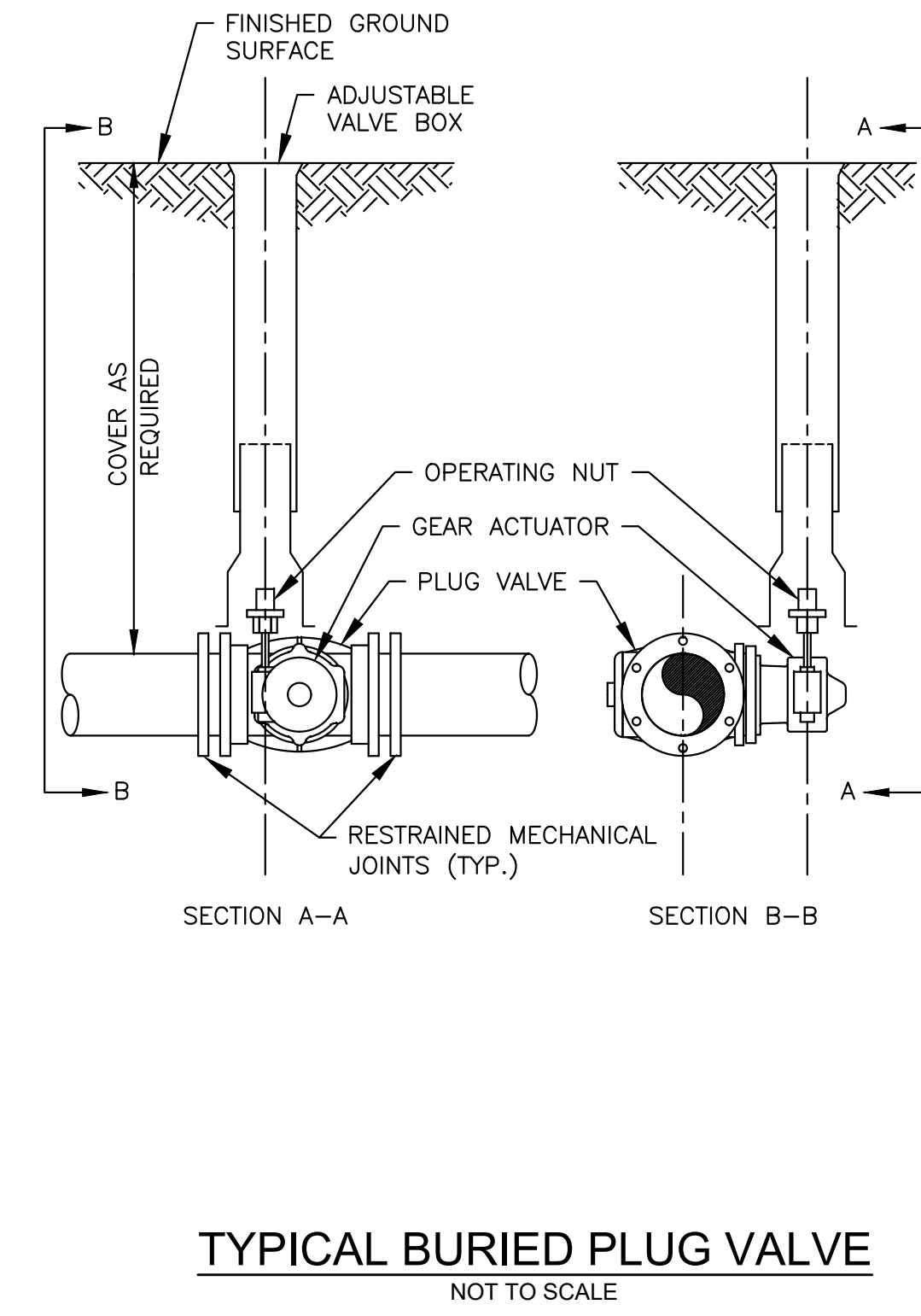
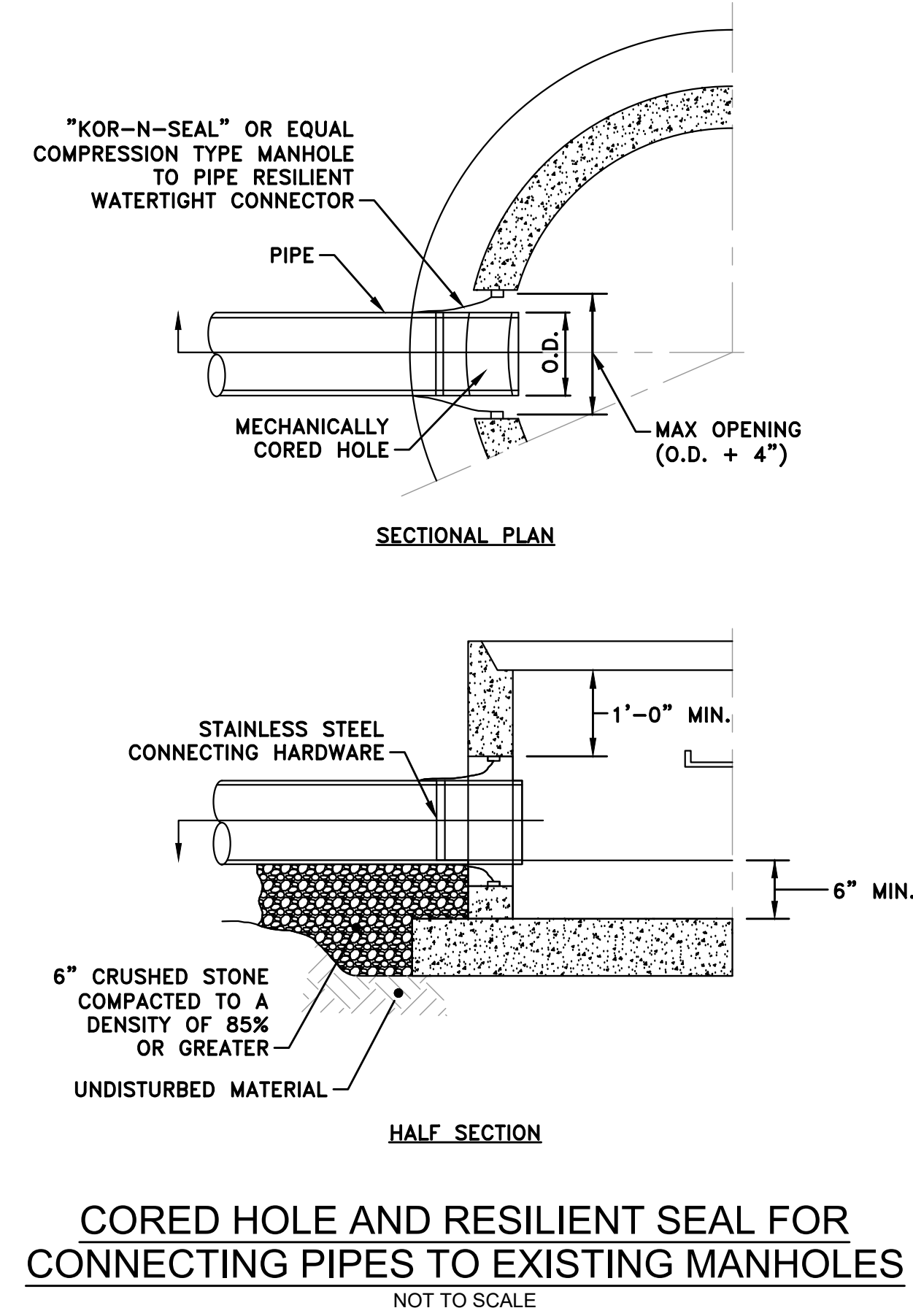


**NOTE:**

1. PROPOSED 4" RESTRAINED COUPLING NOT DEPICTED FOR CLARITY

**WELLESLEY CIRCLE PUMP STATION  
DEMOLITION SECTION C-C**

SCALE: 1" = 3/8"



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Taunton, MA

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**MECHANICAL DETAILS I**

1	ADDENDUM #1	6/17/22
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NO.	REVISIONS	DATE
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DRAWN BY: PN

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CHECKED BY: CC

ISSUE DATE: 10/14/2022

BETA JOB NO.:

SCALE

NONE

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SHEET NO.

MD-1