



Engineering & Design

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COLLIERS ENGINEERING & DESIGN,
ARCHITECTURE, LANDSCAPE ARCHITECTURE,
SURVEYING CT, P.C.



SYRACUSE DIVISION
WEEDSPORT MAINTENANCE SECTION

MUNICIPAL SEWER CONNECTION

AT
MILEPOST 304.19
IN
CAYUGA COUNTY

TAS 26-18A D215090
44 SHEETS

TYPE OF CONSTRUCTION:
ARCHITECTURAL PROJECT REQUIRING LABOR AND MATERIALS FOR
CONSTRUCTION OF NEW SANITARY SEWER LINE FROM WEEDSPORT
MAINTENANCE FACILITY TO THE WEEDSPORT MUNICIPAL SEWER

CODE COMPLIANCE:
ALL WORK DESCRIBED AND OT BE PERFORMED UNDER THIS CONTRACT,
SHALL CONFORM TO THE PROVISIONS OUTLINED BY 19 NYCRR, THE NEW
YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE(S) AND ITS
REFERENCE STANDARDS.

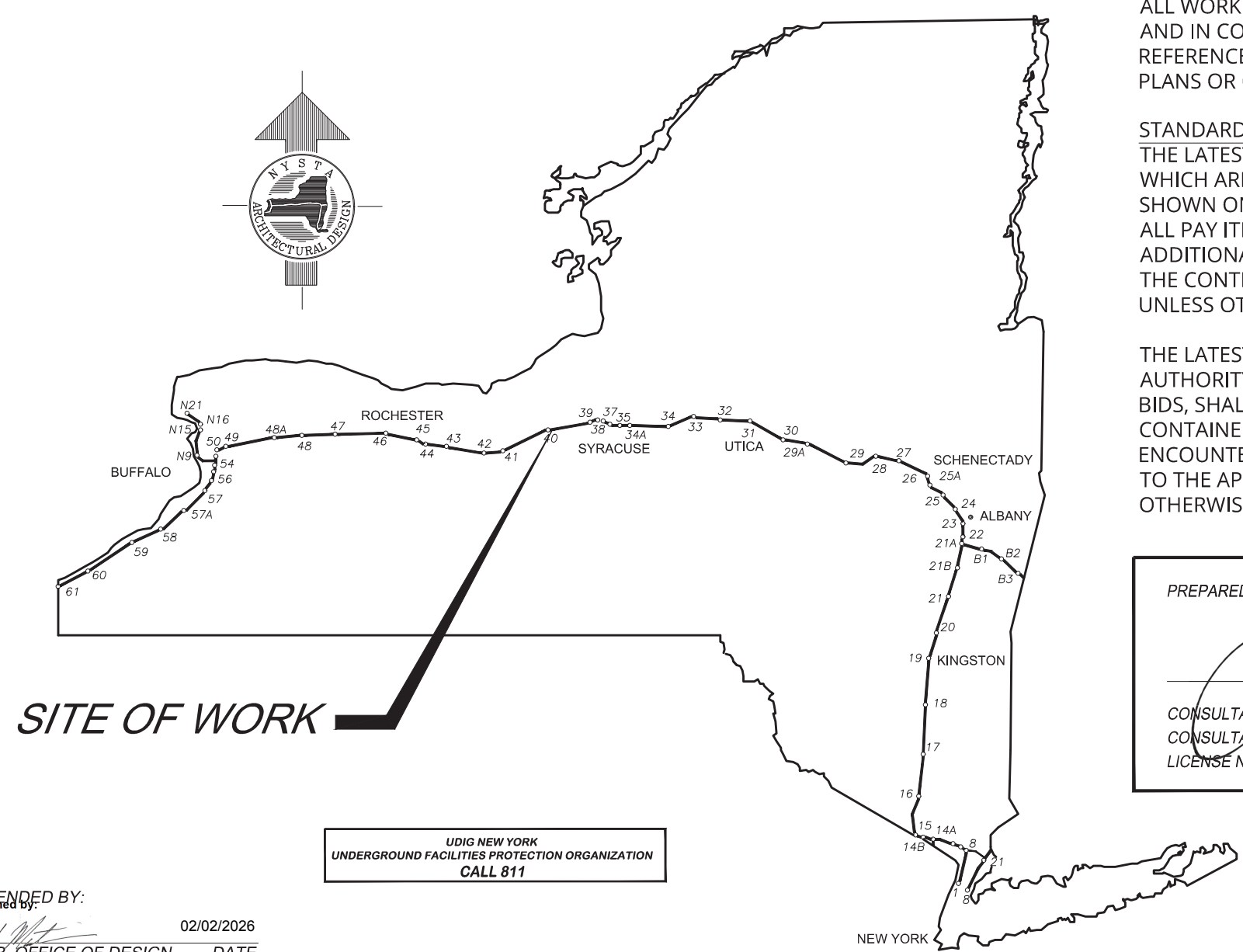
BUILDING CLASSIFICATIONS:
OCCUPANCY CLASSIFICATION:NA
CONSTRUCTION CLASSIFICATION:NA

NOTES:
ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY
AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US CUSTOMARY)
REFERENCE IN THE CONTRACT "PROPOSAL" EXCEPT AS MODIFIED BY THESE
PLANS OR CHANGES SET FORTH IN THE CONTRACT "PROPOSAL".

STANDARD SHEETS:
THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY NYSDOT,
WHICH ARE CURRENT AS OF THE STANDARD SPECIFICATIONS ADOPTION DATE
SHOWN ON THE PROPOSAL COVER SHALL BE CONSIDERED TO BE IN EFFECT.
ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY
ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF
THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S)
UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

THE LATEST REVISIONS OF THE NYSTA STANDARD SHEETS MAINTAINED BY THE
AUTHORITY, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR
BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK
CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK
ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT
TO THE APPLICABLE STANDARD SHEET(S) LISTED ON DWG. SS-1 UNLESS
OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

REVIEWED BY: *Michelle Taron*
PROJECT MANAGER: *Michelle Taron*
BUREAU DIRECTOR: *[Signature]*



CONTRACTOR'S NAME:
AWARD DATE:
COMPLETION DATE:
FINAL ACCEPTANCE DATE:
INSPECTION FIRM'S NAME:
RESIDENT ENG./EIC:
FINAL COST TOTAL:

FISCAL SHARE	COST(S)

INSPECTION FIRM
CONSULTANT STAMP:

PREPARED AND RECOMMENDED BY: *[Signature]* DATE January 29, 2026
CONSULTANT COMPANY NAME
CONSULTANT MANAGERS NAME
LICENSE NUMBER

UDIG NEW YORK
UNDERGROUND FACILITIES PROTECTION ORGANIZATION
CALL 811

RECOMMENDED BY: *[Signature]* 02/02/2026
DIRECTOR, OFFICE OF DESIGN DATE

RECOMMENDED BY: *Robert Dressing* 02/02/2026
DIVISION DIRECTOR DATE

RECOMMENDED BY: *Rochelle Hosley* 02/02/2026
TRAFFIC ENGINEER DATE

RECOMMENDED BY: *Charles Whitstone* 02/02/2026
DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT DATE

RECOMMENDED BY: *Kevin Wisely* 02/02/2026
CHIEF MAINTENANCE AND OPERATIONS OFFICER DATE

APPROVED BY: *[Signature]* 02/03/2026
CHIEF ENGINEER DATE

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ABBREVIATIONS LIST

AOBE	AS ORDERED BY ENGINEER	LLH	LONG LEG HORIZONTAL
APPROX	APPROXIMATE	LLV	LONG LEG VERTICAL
B/	BOTTOM	MAX	MAXIMUM
BV	BALL VALVE	MIN	MINIMUM
BFV	BUTTERFLY VALVE	SMH	SANITARY MANHOLE
BM	BENCHMARK	MMH	MASTER METER MANHOLE
CB	CATCH BASIN	MJ	MECHANICAL JOINT
CI	CAST IRON	MON	MONUMENT
CL	CENTERLINE	MW	MONITORING WALL
CLF	CHAIN LINK FENCE	N.C.	NORMALLY CLOSED
COMH	CLEANOUT MANHOLE	N.O.	NORMALLY OPEN
CMP	CORRUGATED METAL PIPE	NYS	NEW YORK STATE
CONC	CONCRETE	NYSDEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CO	CLEANOUT	NYS DOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
CAV	COMPOUND AIR VALVE	OC	ON CENTER
CV	CHECK VALVE	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
DIA	DIAMETER	PL	PLATE
DI	DUCTILE IRON	PIV	POST INDICATING VALVE
EF	EACH FACE	REC	RECORD
EL/ELEV	ELEVATION	RM	ROOM
ESMT	EASEMENT	RO	ROUGH OPENING
E.W.	EACH WAY	S.H.	STATE HIGHWAY
EX	EXISTING	SS	STAINLESS STEEL
FT	FOOT	T/	TOP OF
FTG	FOOTING	TYP	TYPICAL
FM	FORCE MAIN	VCP	VITRIFIED CLAY PIPE
GPD	GALLONS PER DAY	W	WATER
GPM	GALLONS PER MINUTE	W/	WITH
GV	GATE VALVE	WWM	WELDED WIRE MESH
HDPE	HIGH DENSITY POLYETHYLENE	WWTP	WASTEWATER TREATMENT PLANT
INV	INVERT		


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

		<p style="font-size: x-small;">120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 COLLIERS ENGINEERING & DESIGN ARCHITECTURE, LANDSCAPE, SURVEYING CT, P.C.</p>
TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	TITLE OF DRAWING INDEX OF DRAWINGS & ABBREVIATIONS LIST
CONTRACT NUMBER: TAS 26-18A	DATE: 01/16/2026	DRAWING NUMBER: GN-01

GENERAL NOTES

REFERENCE NOTES

1. CONSTRUCTION DRAWINGS ARE BASED UPON THE FOLLOWING:
 - A. TOPOGRAPHIC, PROPERTY AND UTILITY SURVEY PREPARED BY RAM ENGINEERING & LAND SURVEYING, P.C. DATED APRIL 25, 2018.
 - B. RECORD PLANS FOR THE RECONSTRUCTION ON ROUTE 31 (D256773) PREPARED BY THE NYSDOT, DATED NOVEMBER 1995.
 - C. HISTORICAL AND RECORD DRAWINGS PROVIDED BY THE AUTHORITY.
2. THE LOCATION, NATURE AND ALIGNMENT OF UNDERGROUND UTILITIES ARE BASED ON HISTORIC AND RECORD DRAWINGS, AND UTILITY EVIDENCE VISIBLE AT THE GROUND SURFACE AND ARE CONSIDERED TO BE APPROXIMATE ONLY.
3. THE SURVEY INFORMATION DOES NOT CLAIM TO SHOW ALL UNDERGROUND UTILITIES. OTHERS MAY EXIST IN THE WORK AREA. IDENTIFICATION OF ALL UTILITIES IN THE WORK AREA SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

LAYOUT

1. THE AUTHORITY WILL DETERMINE LOCATIONS OF CONTRACTOR STAGING AND LAYDOWN AREAS, RESTORE ANY AREAS DISTURBED BY STAGING, PARKING, OR OTHER CONSTRUCTION ACTIVITIES TO THEIR ORIGINAL CONDITION.
2. ESTABLISH BENCHMARKS FOR SURVEY CONTROL AND MAINTAIN FOR THE DURATION OF CONSTRUCTION ACTIVITIES. PROTECT AND MAINTAIN BENCHMARKS DURING CONSTRUCTION.
3. ALL SITE IMPROVEMENTS SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE NEW YORK STATE DEPARTMENT OF HEALTH; NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION; NEW YORK DEPARTMENT OF TRANSPORTATION; LOCAL UTILITY AUTHORITIES AND ANY OTHER AGENCY HAVING JURISDICTION.

COORDINATION

1. CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH BUT NOT LIMITED TO THE FOLLOWING:
 - NEW YORK STATE THRUWAY AUTHORITY
 - TOWN OF BRUTUS
 - VILLAGE OF WEEDSPORT
 - NEW YORK STATE DEPARTMENT OF TRANSPORTATION
2. COORDINATION OF CONSTRUCTION ACTIVITIES SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:
 - USE OF THE SITE AND RIGHT-OF-WAYS TO MINIMIZE INTERFERENCE WITH ONGOING OPERATIONS AND VEHICLE TRAFFIC.
 - INTERRUPTION OF EXISTING UTILITIES.
3. CONTRACTOR'S ACTIVITIES ARE SUBJECTED TO PRIOR APPROVAL OF THE AUTHORITY AND AUTHORITIES HAVING JURISDICTION.
4. NOTIFY AND COORDINATE WITH THE AUTHORITY AND AUTHORITIES HAVING JURISDICTION AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
5. PROVIDE SUITABLE AND APPROVED TEMPORARY UTILITIES FOR ALL PLANNED UTILITY OUTAGES.

EXISTING CONDITIONS

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD BEFORE COMMENCING WORK. IMMEDIATELY NOTIFY THE AUTHORITY OF ANY DISCREPANCIES.
2. PROTECT FROM DAMAGE ALL EXISTING FEATURES NOT INDICATED OR REQUIRED TO BE REMOVED FROM THE WORK.
3. REPAIR ITEMS THAT ARE TO REMAIN IF DAMAGED DURING THE PERFORMANCE OF THE WORK. REPAIR OR REPLACE TO THEIR ORIGINAL CONDITION AS DETERMINED BY THE AUTHORITY, OR REPLACE WITH NEW IN-KIND.

EXISTING UTILITIES

1. THE LOCATION OF UTILITIES INDICATED ON THE SITE SURVEY AND DRAWINGS ARE APPROXIMATE ONLY. CONTRACTOR SHALL ACCURATELY LOCATE SUBSURFACE UTILITIES BEFORE EXCAVATING.
2. PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES, CONTACT DIG SAFELY NEW YORK (1-800-962-7962) FOR INFORMATION ON EXISTING UNDERGROUND UTILITIES.
3. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE.
4. PERFORM EXCAVATION IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
5. SLOPE OR SUPPORT THE SIDES OF ALL EXCAVATIONS AS REQUIRED BY LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
6. EXISTING WATER SUPPLY PIPING AND APPURTENANCES WHICH ARE CUT, TAPPED, OR OTHERWISE DISTURBED DURING CONSTRUCTION SHALL BE PROTECTED FROM CONTAMINATION AND DISINFECTED AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

DEMOLITION

1. CONDUCT REMOVAL OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT EXISTING FEATURES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AND AUTHORIZED VEHICLES AROUND THE WORK AREA.
2. PROVIDE CONSTRUCTION FENCES, BARRICADES OR OTHER SUITABLE DEVICES AS DIRECTED BY THE AUTHORITY TO PREVENT DAMAGE BY VEHICLES AND UNAUTHORIZED ENTRY INTO WORK, CONSTRUCTION STAGING AND EQUIPMENT STORAGE AREAS.
3. PROVIDE ALL REMOVALS INCIDENTAL TO AND NECESSARY TO PROVIDE THE WORK OF THIS CONTRACT AND LEGALLY DISPOSE OF OFF-SITE. REMOVE EXISTING FEATURES AND UNUSED EARTH MATERIALS INCLUDING EXCESS TOPSOIL IN THEIR ENTIRETY UNLESS OTHERWISE INDICATED BY THE AUTHORITY.
4. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS AND TRASH. DO NOT ALLOW DEBRIS TO ACCUMULATE ON-SITE.
5. UTILIZE SAW-CUTS IN AREAS WHERE THE PAVEMENT IS TO BE REMOVED FOR INSTALLATION OF IMPROVEMENTS AND WHERE NEW PAVEMENT IS JOINED WITH EXISTING. TREAT ALL JOINTS BETWEEN NEW AND EXISTING ASPHALT PAVEMENT WITH AN ASPHALT EMULSION.
6. REMOVE ALL SECTION OF EXISTING ABANDONED UNDERGROUND UTILITIES WHERE THEY INTERFERE WITH NEW WORK OR NOTED. PERMANENTLY SEAL REMAINING SECTIONS WITH MORTAR OR END CAPS.


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19 LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION TITLE OF DRAWING GENERAL NOTES	CONTRACT NUMBER: TAS 26-18A DATE: 01/16/2026 DRAWING NUMBER: GN-02
	120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 COLLIERS ENGINEERING & DESIGN, ARCHITECTURE, LANDSCAPE, SURVEYING ET, P.C.	

GENERAL NOTES

DEWATERING

1. PERFORM ALL EXCAVATION AND BACKFILLING IN THE DRY. DEWATER, IF REQUIRED, TO PERMIT SUITABLE PREPARATION OF THE SUBGRADE AND COMPACTION OF ANY SUBSEQUENT FILL AND BACKFILL MATERIALS.
2. BE PREPARED TO DEWATER AS NECESSARY. OPERATE DEWATER SYSTEMS IN SUCH A WAY THAT DISTURBANCE OR REMOVAL OF THE SUBGRADE SOIL DOES NOT OCCUR. COMPLY WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS, INCLUDING THOSE RELATED TO DISCHARGE OF WATER.
3. IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE RECEIVING WATERCOURSE.
4. PROPOSED DEWATERING METHODS AND PLANS SHALL BE SUBMITTED TO, AND APPROVED BY, THE AUTHORITY PRIOR TO COMMENCEMENT OF DEWATERING OPERATIONS.

SITE WORK

1. PROVIDE MINIMUM OF 4 INCHES OF NEW TOPSOIL AND SEEDING, AND MAINTAIN LAWN GROWN COVER UNTIL CONCLUSION OF THE PROJECT.
2. RESTORE ANY SITE AREA OR FEATURE DISTURBED DURING CONSTRUCTION TO ORIGINAL CONDITION AS DETERMINED BY AUTHORITY
3. PROVIDE AND MAINTAIN EROSION CONTROL MEASURES AS INDICATED ON THE DRAWINGS AND IN THE PROJECT MANUAL FOR THE DURATION OF THE PROJECT.
4. PROVIDE AND MAINTAIN TEMPORARY FENCING AS INDICATED ON THE DRAWINGS AND IN THE PROJECT MANUAL FOR THE DURATION OF THE PROJECT.

PIPING

1. MINIMUM COVER ON FORCE MAIN PIPING SHALL BE 5'-0", UNLESS NOTES OTHERWISE.
2. MINIMUM COVER ON GRAVITY SANITARY SEWER PIPING SHALL BE 4'-0", UNLESS NOTED OTHERWISE
3. ALL WATER AND SEWER LINES TO BE INSTALLED IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE WATER MAIN/SEWER CROSSING DETAIL PROVIDED IN THE CONSTRUCTION DOCUMENTS.
4. ALL VERTICAL AND HORIZONTAL BENDS MAY NOT BE DEPICTED ON THE DRAWINGS.
5. PROVIDE ALL NECESSARY FITTINGS AND ADAPTERS THAT ARE REQUIRED TO CONNECT DIFFERENT TYPES OF PIPING MATERIAL
6. PROVIDE CONCRETE THRUST BLOCKS WHERE 4" HDPE FORCE MAIN CHANGES DIRECTION.
7. ALL PIPES WILL HAVE A TRACER WIRE INSTALLED IN ACCORDANCE TO DETAIL 9

CONNECTION TO MUNICIPALITY SEWER

1. CONNECT NEW 4-INCH SANITARY FORCE MAIN TO THE VILLAGE OF WEEDSPORT'S EX MUNICIPAL SEWER WITH A SANITARY DOGHOUSE MANHOLE FIELD DETERMINED INVERT DEPTH OF EX 8-INCH MUNICIPAL SEWER PIPE TO PURCHASING STRUCTURE.

CONFINED ENTRY NOTE

1. SUBMIT A LIST OF VESSELS REQUIRING CONFINED ENTRY DURING CONSTRUCTION TO THE AUTHORITY'S CODES COMPLIANCE OFFICER.
2. CONTRACTOR SHALL FOLLOW ALL PROPER OSHA REGULATIONS FOR ENTRANCE INTO CONFINED SPACES.


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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING GENERAL NOTES	DRAWING NUMBER: GN-03

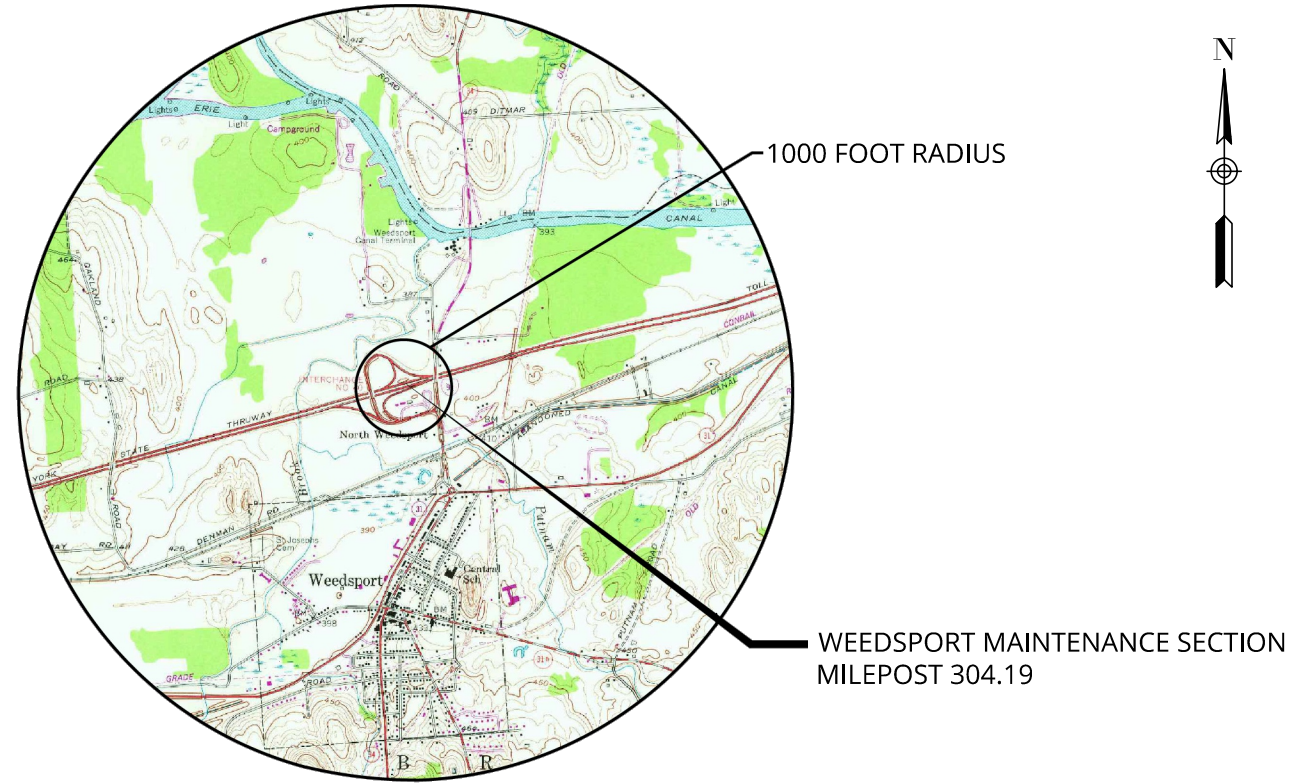
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LOCATION MAP
SCALE: 1" = 2000'

EXISTING	LEGEND	PROPOSED
	TRAVERSE LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)	
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EDGE OF PAVEMENT	
	CURB	
	DEPRESSED CURB	
	SIDEWALK	
	FENCES	
	TREELINE	
	ROADWAY SIGNS	
	WETLAND LINE	
	MUNICIPAL BOUNDARY LINE	
	CATCH BASIN	
	DRAIN INLET	
	STORM MANHOLE	
	SANITARY MANHOLE	
	FLARED END SECTION	
	HEADWALL	
	HYDRANT	
	POLE MOUNTED LIGHT	
	CABLE TV CONDUIT	
	WATER MAIN	
	GAS MAIN	
	TELEPHONE CONDUIT	
	ELECTRIC CONDUIT	
	SANITARY PIPE	
	STORM PIPE	

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PRELIMINARY

	TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
	LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
	TITLE OF DRAWING LOCATION MAP & LEGEND	DRAWING NUMBER: GN-04
	<small>120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 COLLIERS ENGINEERING & DESIGN, ARCHITECTURE, LANDSCAPE, SURVEYING ET, P.C.</small>	

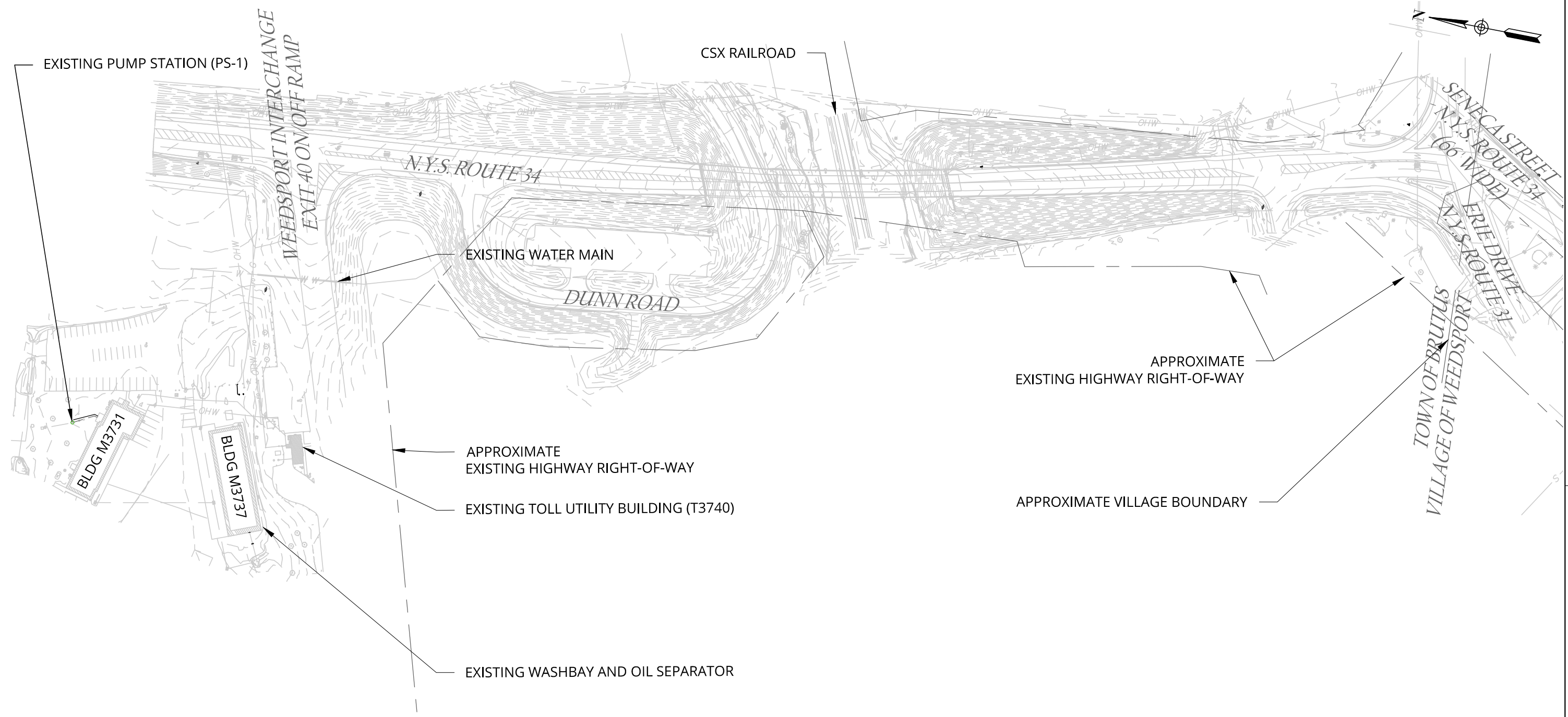
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EXISTING CONDITIONS PLAN
SCALE: 1" = 150'

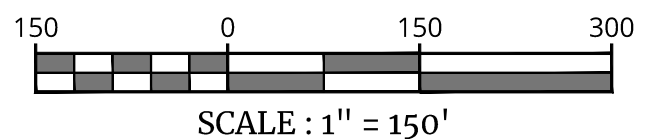
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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING EXISTING CONDITIONS PLAN	DRAWING NUMBER: SP-01



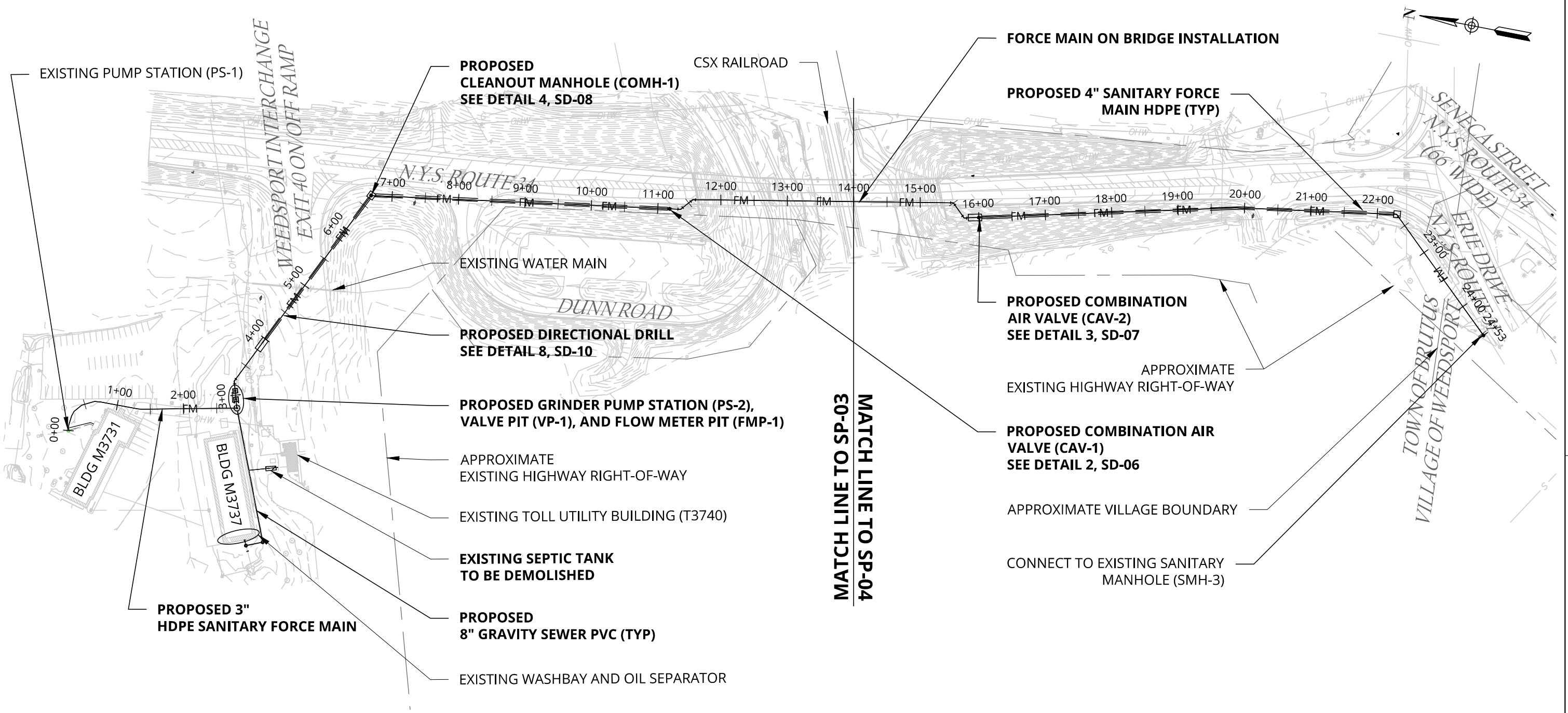
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PROJECT OVERVIEW PLAN (FULL)

SCALE: 1" = 150'



SCALE : 1" = 150'

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING OVERVIEW SITE PLAN (FULL)	DRAWING NUMBER: SP-02

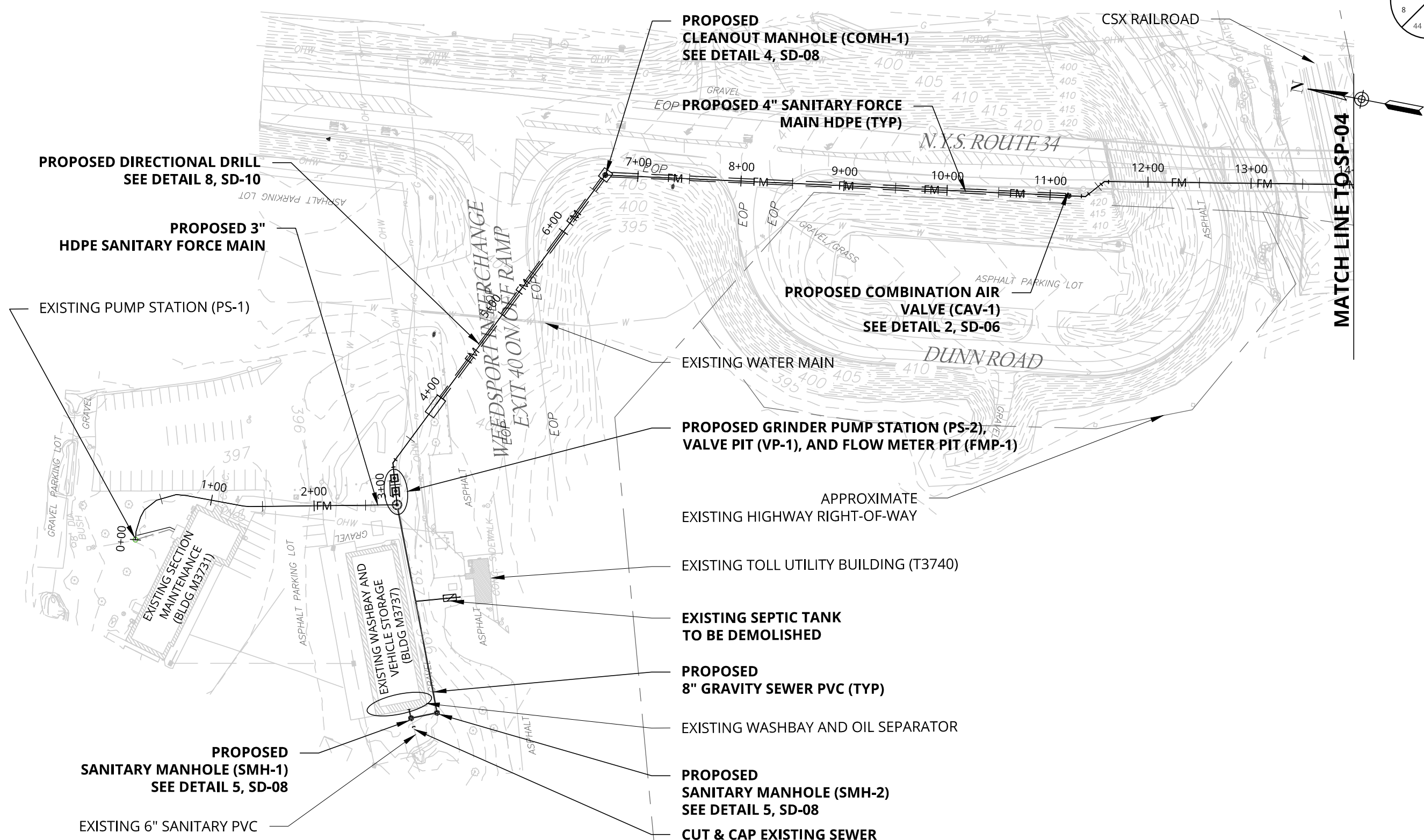
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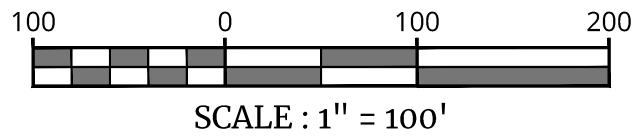
CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



PLAN - NORTH
SCALE: 1" = 100'



ALTERED ON:

AFFIXED ON: 01/28/2026

SIGNATURE:
STAMP:

SIGNATURE:
STAMP:

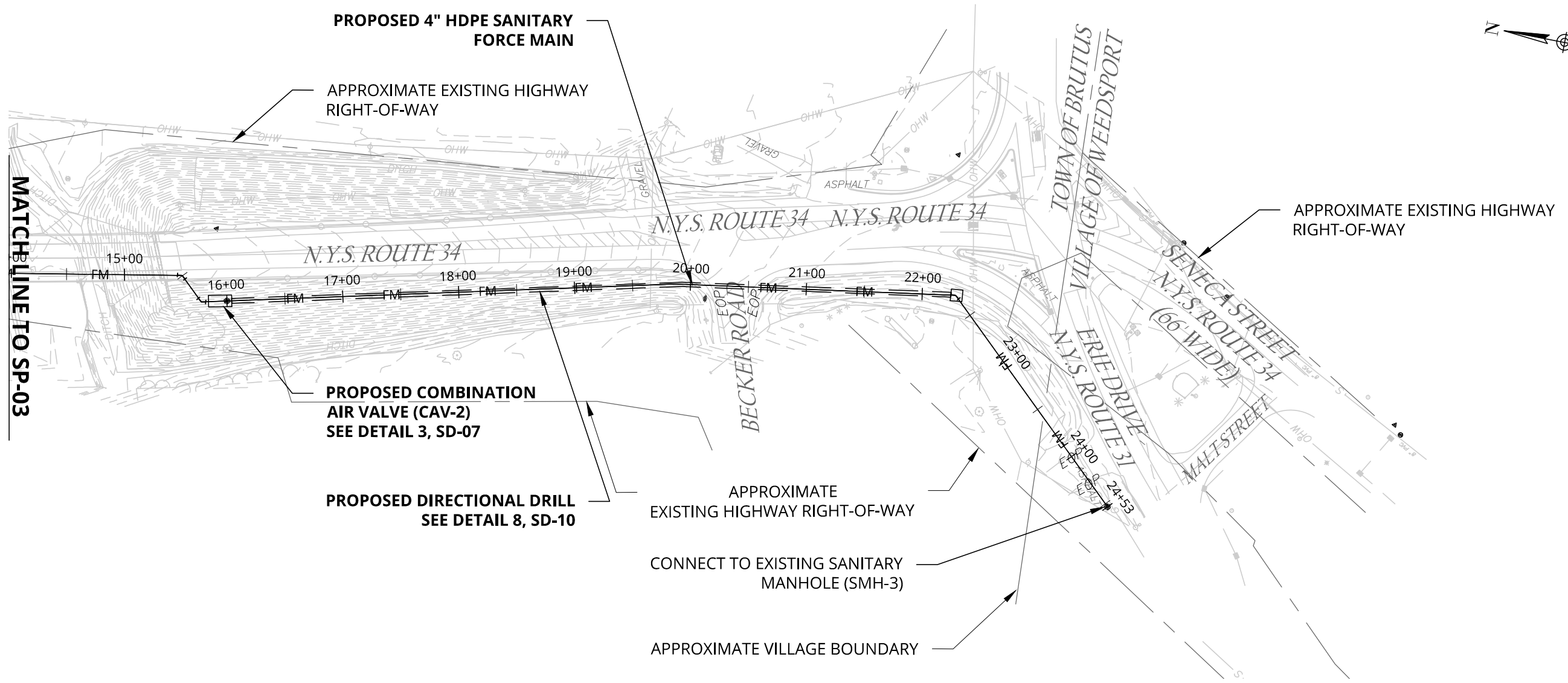


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

Colliers Engineering & Design
 120 MADISON ST.
 TOWER 2, STE 500
 SYRACUSE, NY 13202
 PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN, ARCHITECTURE, LANDSCAPE, SURVEYING, E.T., P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING OVERVIEW SITE PLAN (NORTH)	DRAWING NUMBER: SP-03



PLAN - SOUTH
SCALE: 1" = 100'

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CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

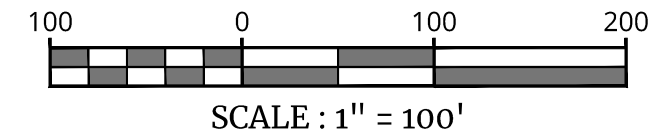
ALTERED ON:	AFFIXED ON: 01/28/2026
SIGNATURE: STAMP:	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

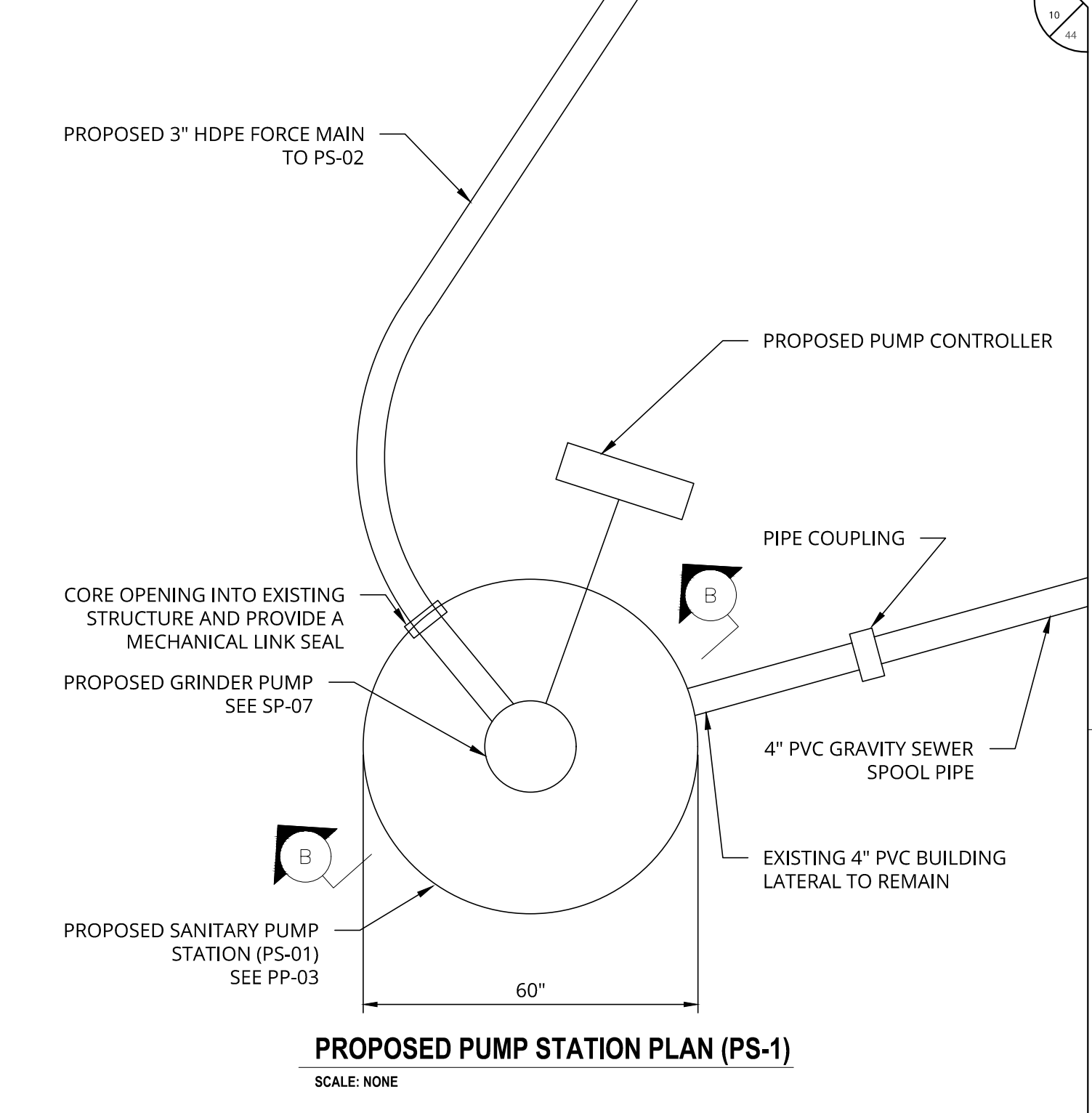
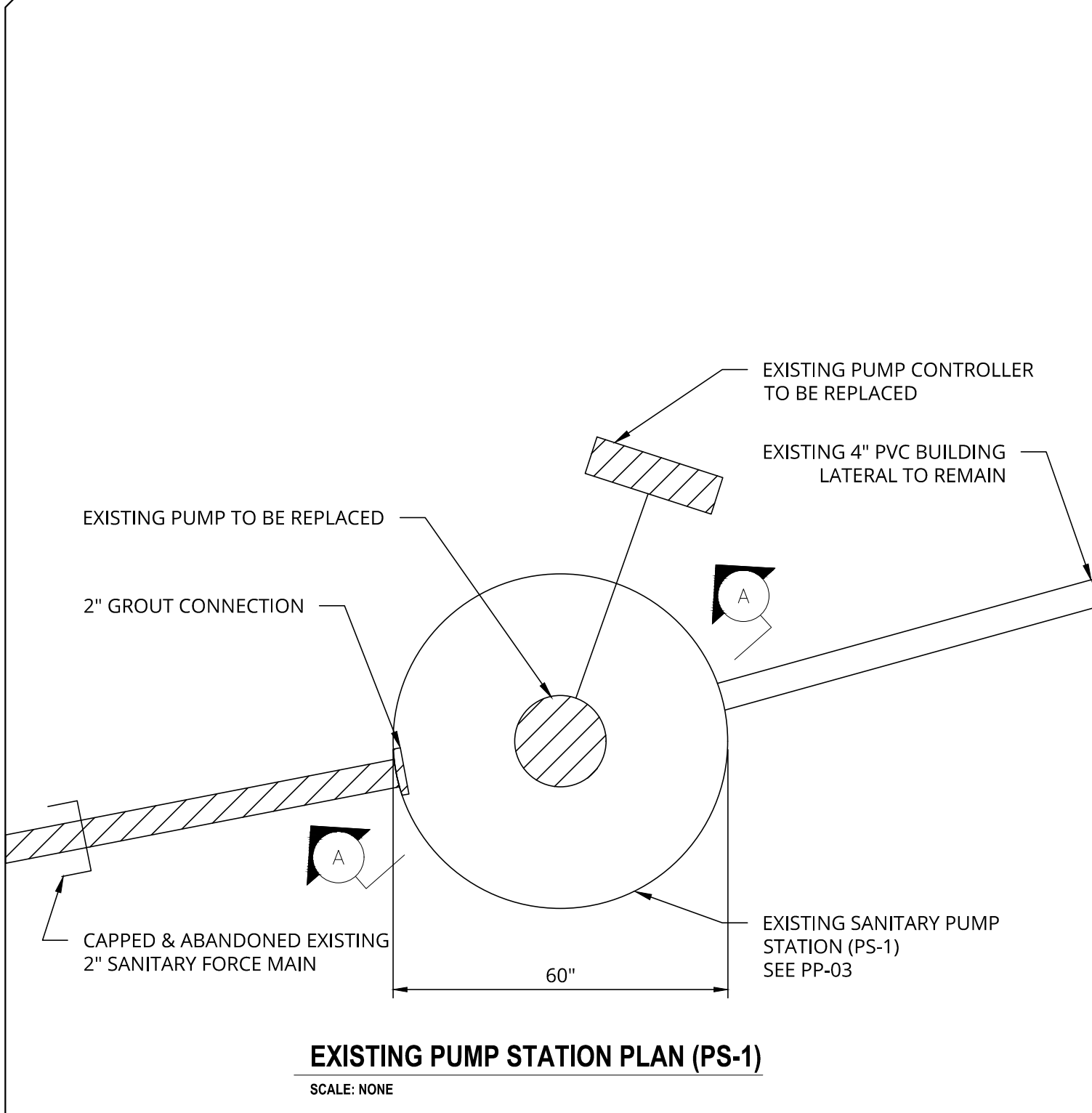
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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TOWER 2, STE. 500
SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING, E.T., P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING OVERVIEW SITE PLAN (SOUTH)	DRAWING NUMBER: SP-04



DESIGNED BY: CHECKED BY: DRAFTED BY: CHECKED BY:



ALTERED ON:	AFFIXED ON: 01/28/2026
SIGNATURE: STAMP:	SIGNATURE: STAMP:

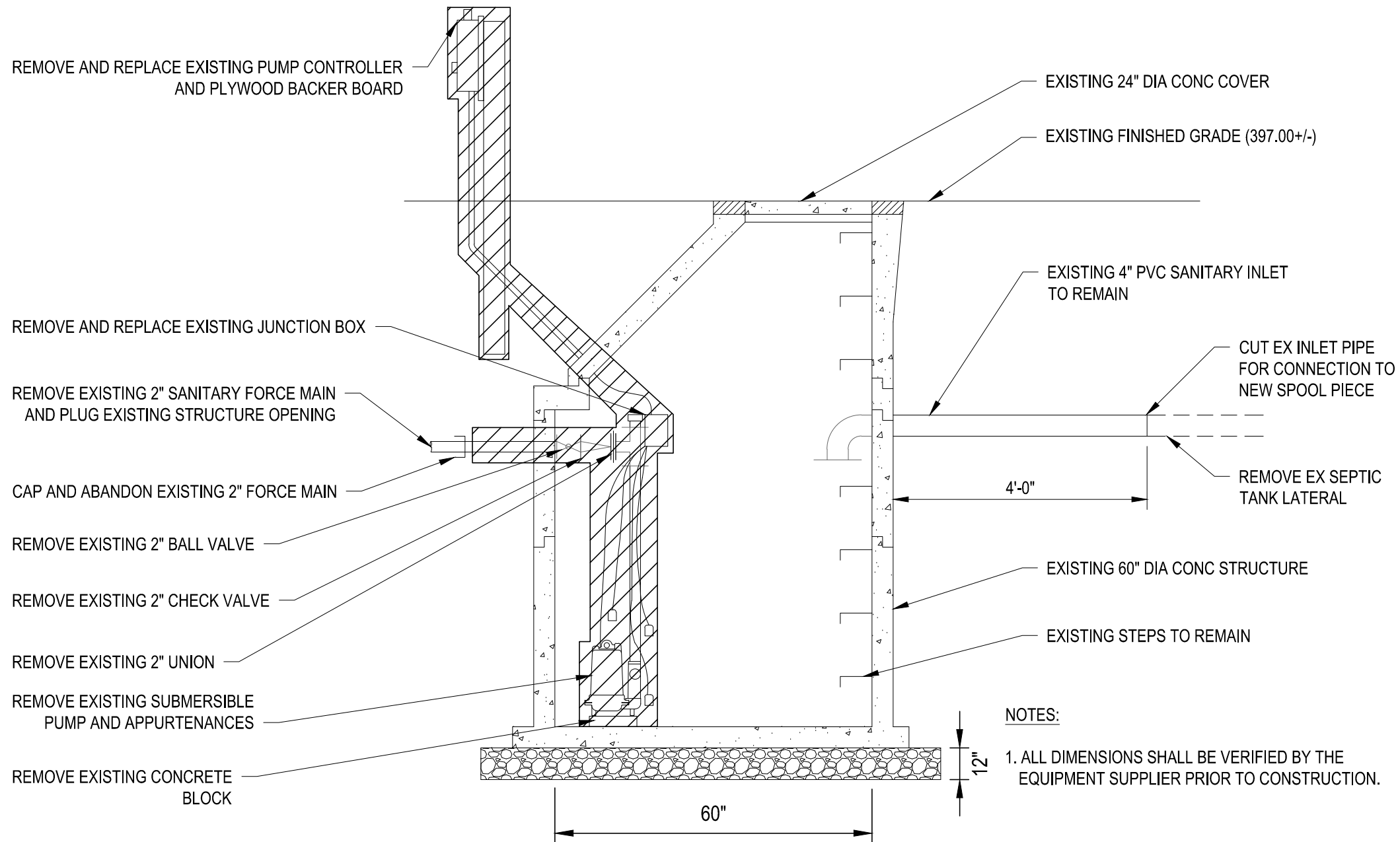
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING EXISTING ENLARGED PUMP STATION PLAN (PS-1)	DRAWING NUMBER: SP-05



NOTES:
1. ALL DIMENSIONS SHALL BE VERIFIED BY THE EQUIPMENT SUPPLIER PRIOR TO CONSTRUCTION.

A **EXISTING PUMP STATION (PS-1)**
NOT TO SCALE

DESIGNED BY: CHECKED BY: DRAFTED BY: CHECKED BY:

ALTERED ON:	AFFIXED ON: 01/28/2026
SIGNATURE: STAMP:	

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING EXISTING ENLARGED PUMP STATION SECTION (PS-1)	DRAWING NUMBER: SP-06

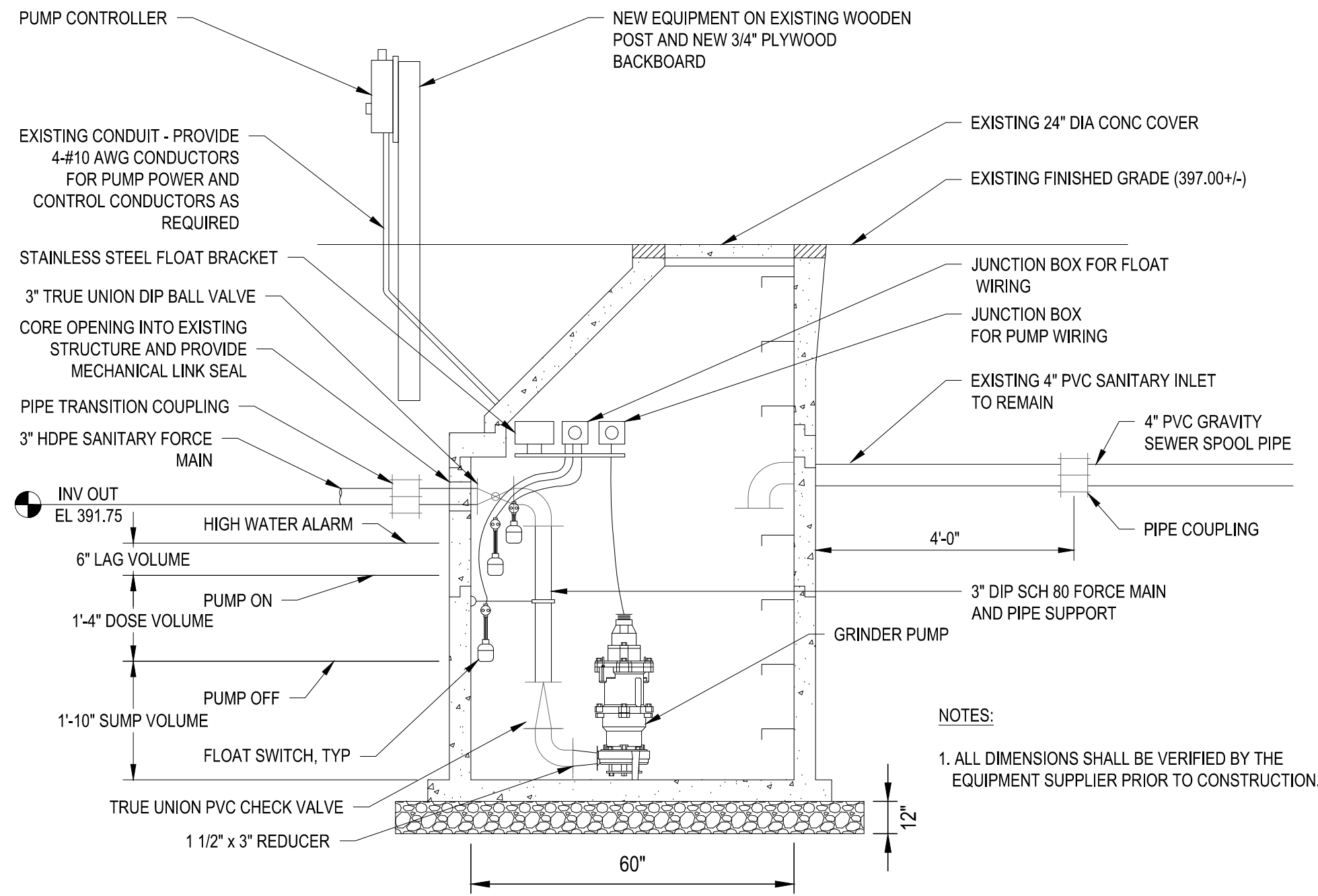
CHECKED BY:

DRAFTED BY:

CHECKED BY:


DESIGNED BY:

DESIGN SUPERVISOR:



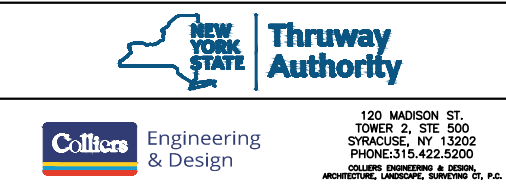
NOTES:
1. ALL DIMENSIONS SHALL BE VERIFIED BY THE EQUIPMENT SUPPLIER PRIOR TO CONSTRUCTION.

B PROPOSED PUMP STATION CHANGES
NOT TO SCALE

ALTERED ON:	AFFIXED ON: 01/28/2026
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PROPOSED ENLARGED PUMP STATION CHANGES (PS-1)	DRAWING NUMBER: SP-07

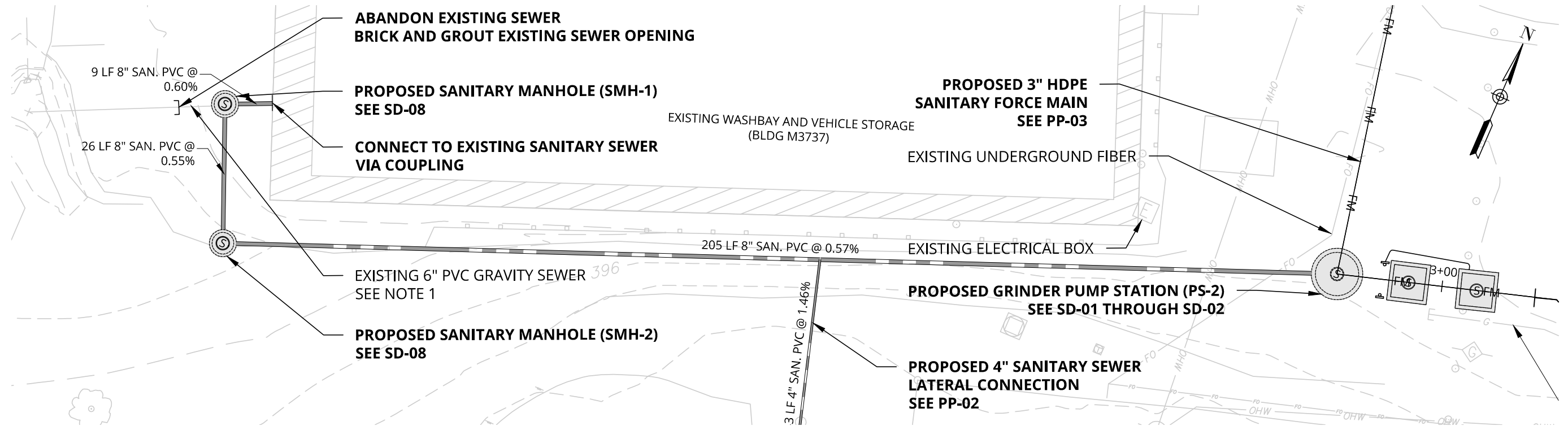
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DRAFTED BY:

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DESIGNED BY:

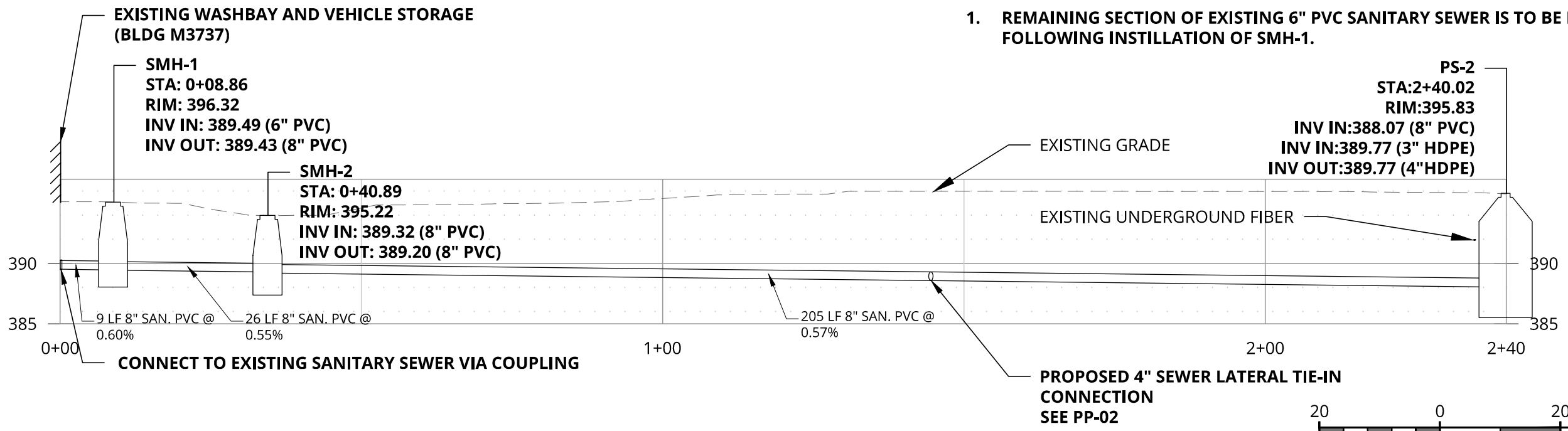
DESIGN SUPERVISOR:



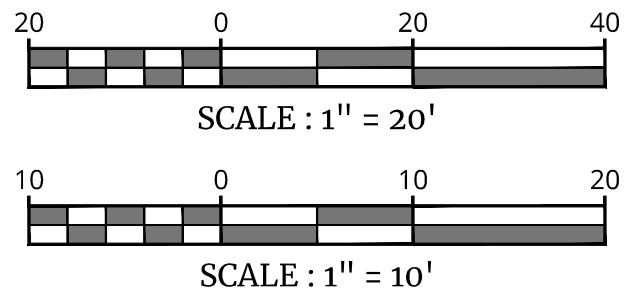
PLAN
SCALE: 1" = 20'

NOTES

1. REMAINING SECTION OF EXISTING 6" PVC SANITARY SEWER IS TO BE REMOVED FOLLOWING INSTILLATION OF SMH-1.



PROFILE (A)
SCALE: 1" = 20' HORIZ
SCALE: 1" = 10' VERT



ALTERED ON:	AFFIXED ON: 01/28/2026
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

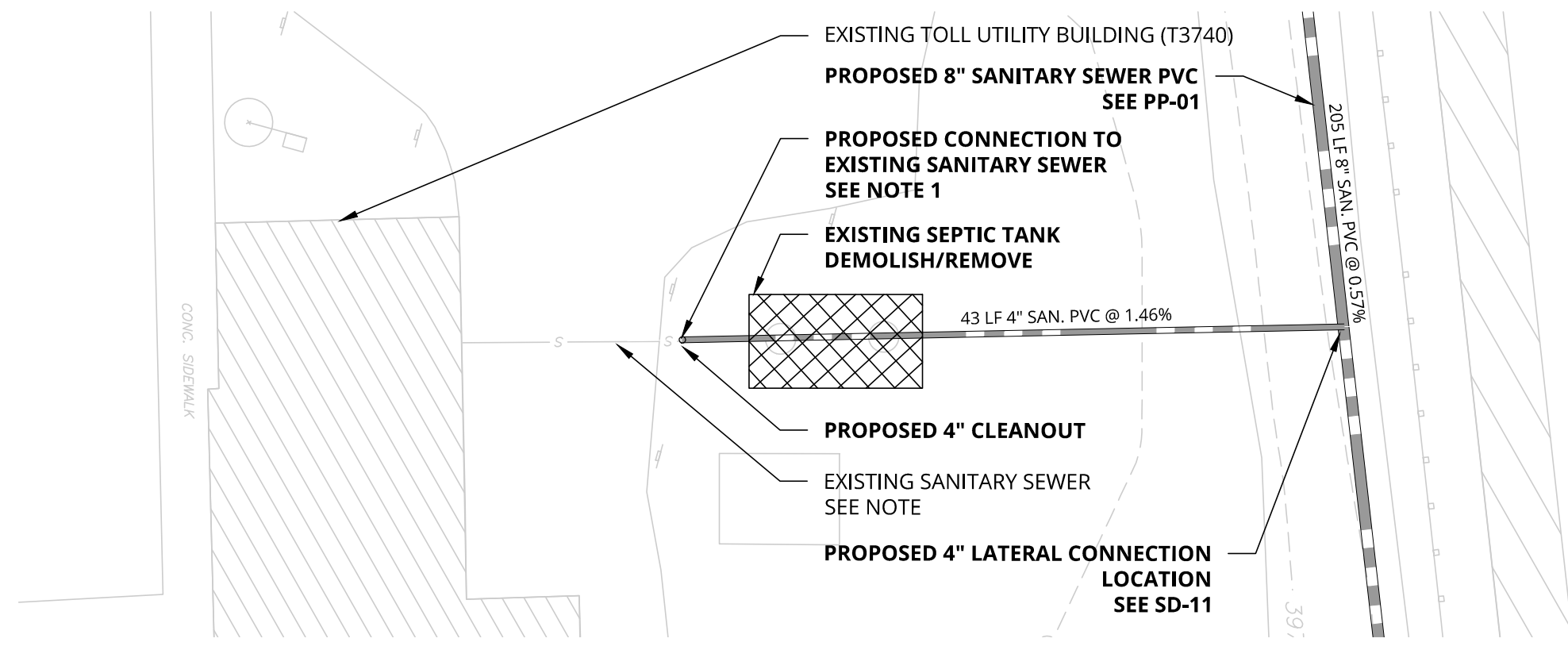
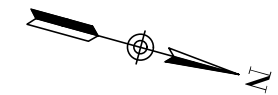
NEW YORK STATE

Thruway Authority

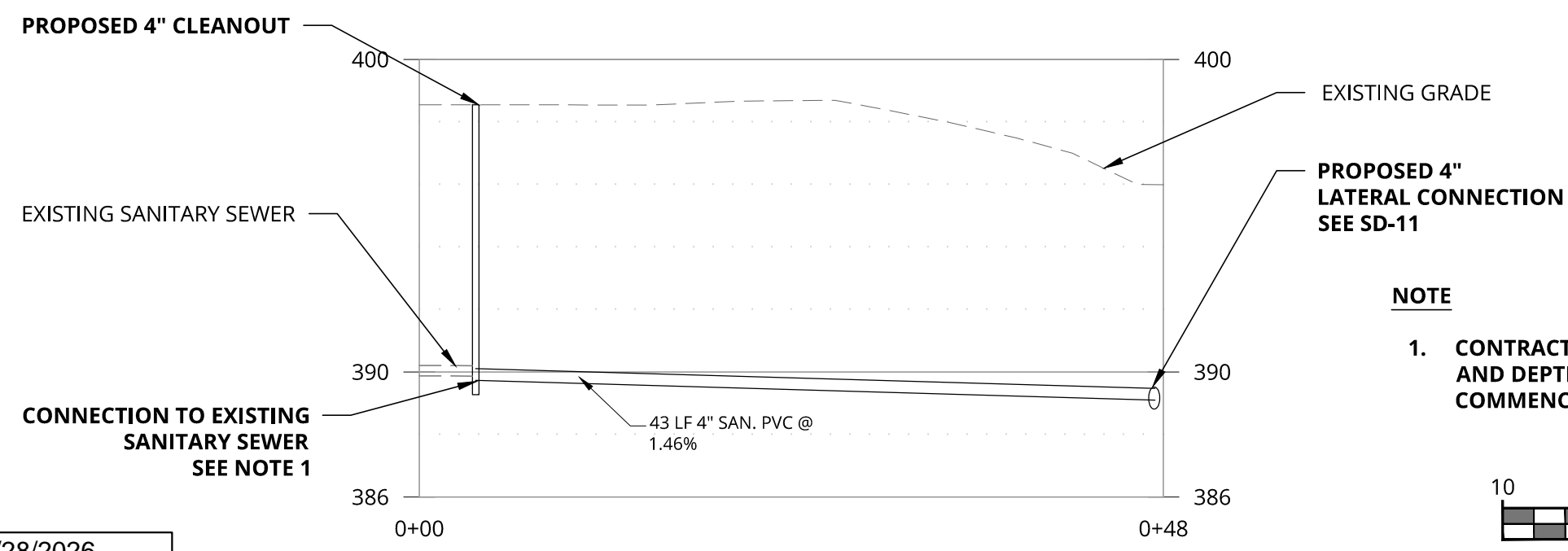
Colliers Engineering & Design

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COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING, E.T., P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PLAN & PROFILE GRAVITY SEWER NETWORK (1 OF 2)	DRAWING NUMBER: PP-01



PLAN
 SCALE: 1" = 10'



NOTE

- CONTRACTOR TO VERIFY EXISTING LOCATION, SIZE, AND DEPTH OF EXISTING SANITARY LINE PRIOR TO COMMENCEMENT OF CONSTRUCTION**



SCALE : 1" = 10'



SCALE : 1" = 5'

PROFILE (B)

SCALE: 1" = 10' HORIZ
 SCALE: 1" = 5' VERT

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

ALTERED ON:

AFFIXED ON: 01/28/2026

SIGNATURE: STAMP:

SIGNATURE: STAMP:



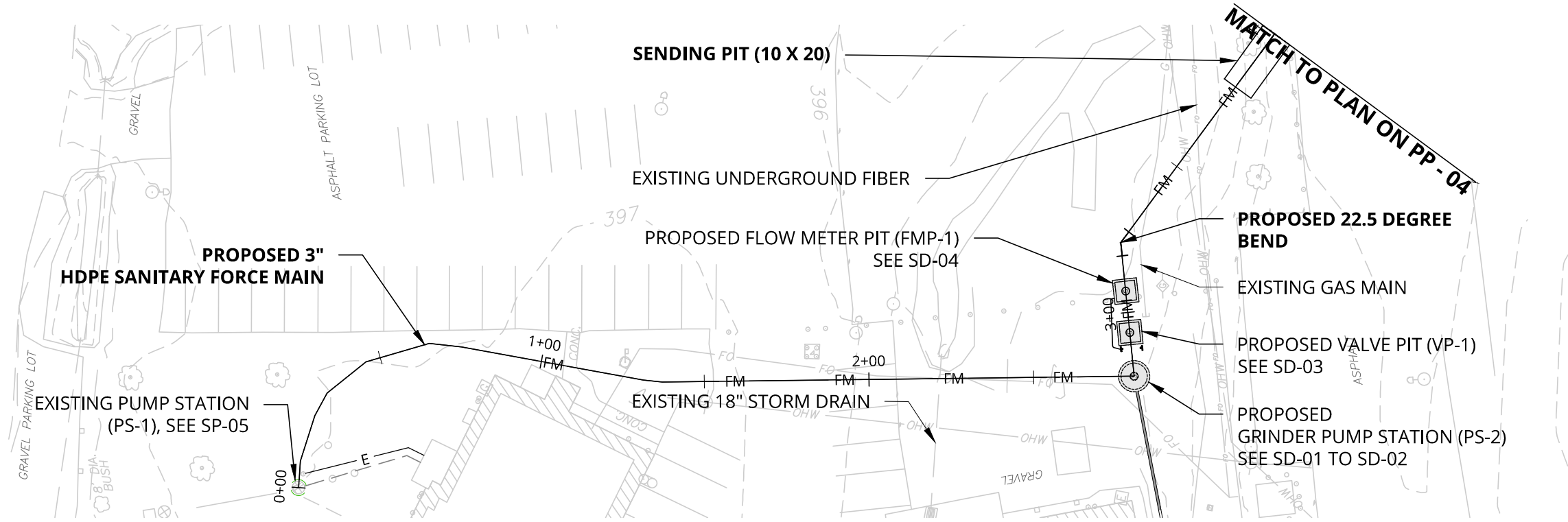
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DATE	DESCRIPTION	BY	SYM.

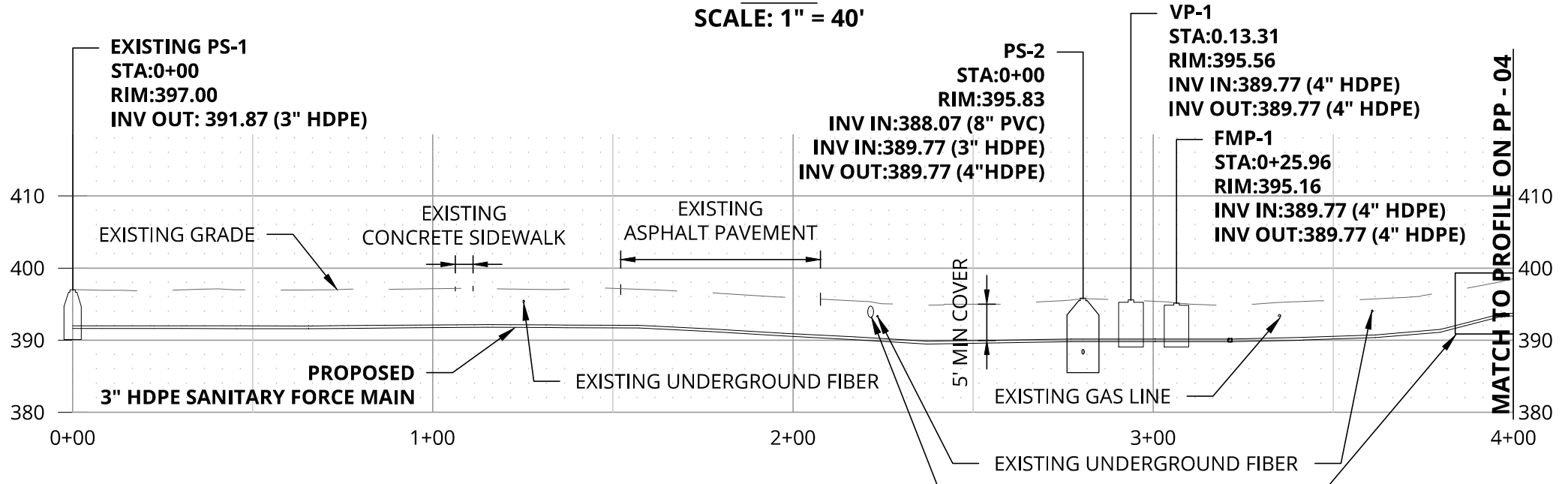
Colliers Engineering & Design
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 SYRACUSE, NY 13202
 PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN, ARCHITECTURE, LANDSCAPE, SURVEYING CT, P.C.

TITLE OF PROJECT
 CONSTRUCT MUNICIPAL SEWER
 AT MILEPOST 304.19
 LOCATION OF PROJECT
 WEEDSPORT
 MAINTENANCE SECTION
 TITLE OF DRAWING
 PLAN & PROFILE
 GRAVITY SEWER NETWORK
 (2 OF 2)

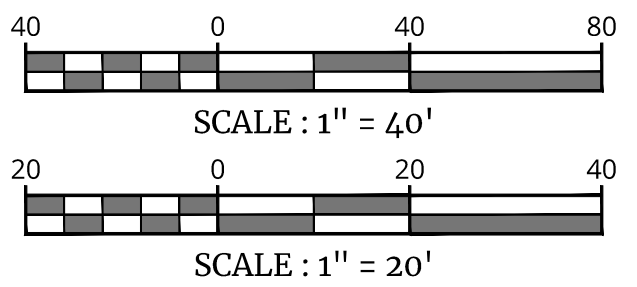
CONTRACT NUMBER:
 TAS 26-18A
 DATE:
 01/16/2026
 DRAWING NUMBER:
 PP-02



PLAN
SCALE: 1" = 40'



PROFILE
SCALE: 1" = 40' HORIZ
SCALE: 1" = 20' VERT



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DESIGNED BY:

ALTERED ON:

AFFIXED ON: 01/28/2026

SIGNATURE: STAMP:

SIGNATURE: STAMP:

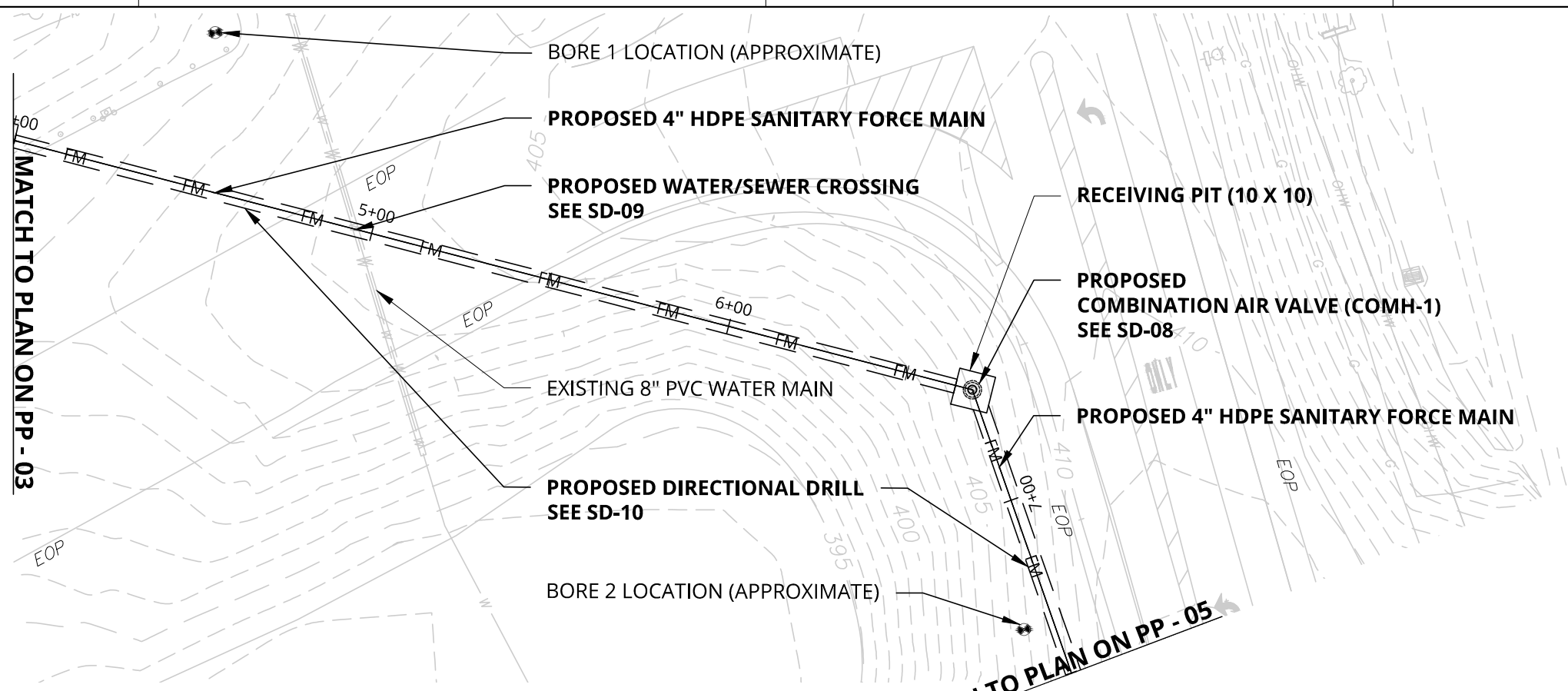


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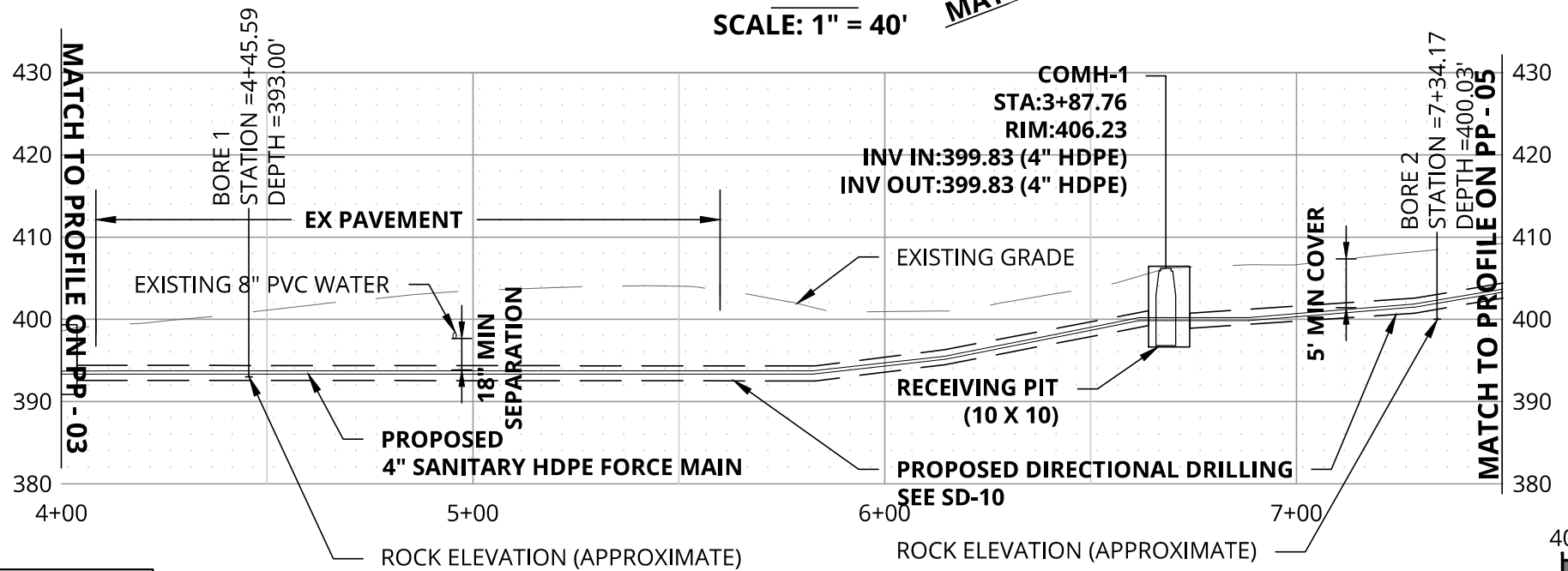
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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SYRACUSE, NY 13202
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ARCHITECTURE, LANDSCAPE, SURVEYING, E.T., P.C.

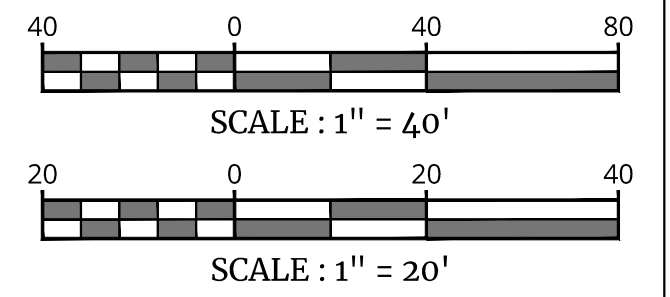
TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PLAN & PROFILE STA: 0+00 TO 4+00	DRAWING NUMBER: PP-03



PLAN
SCALE: 1" = 40'



PROFILE
SCALE: 1" = 40' HORIZ
SCALE: 1" = 20' VERT



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DESIGN SUPERVISOR:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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TOWER 2, STE. 500
SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING CT, P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PLAN & PROFILE STA: 4+00 TO 7+00	DRAWING NUMBER: PP-04

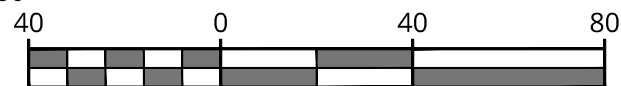
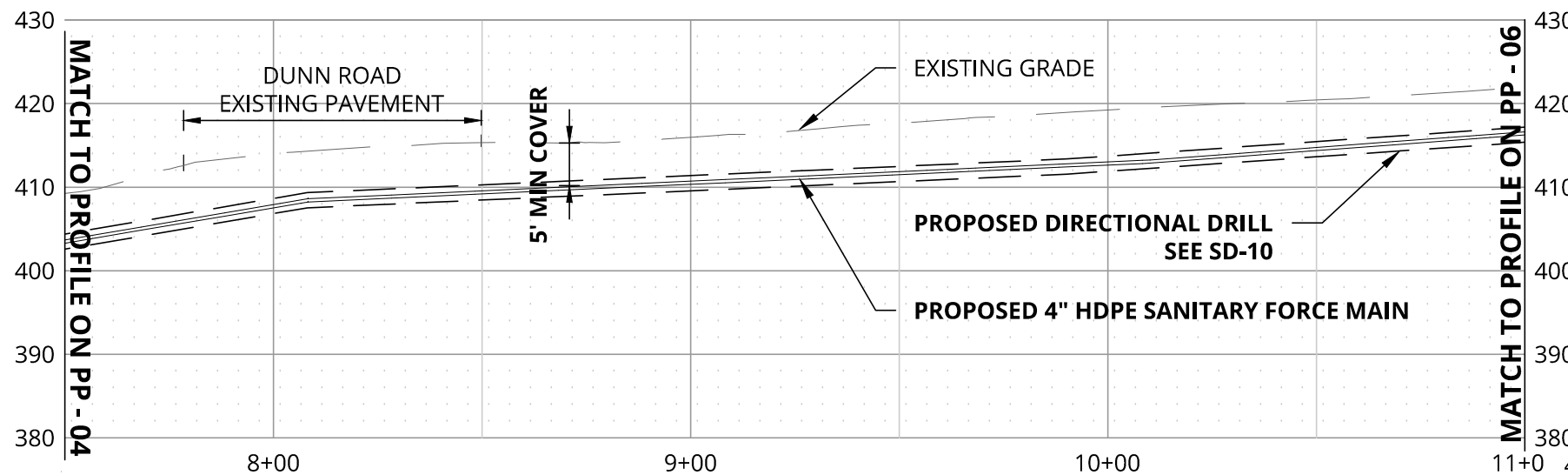
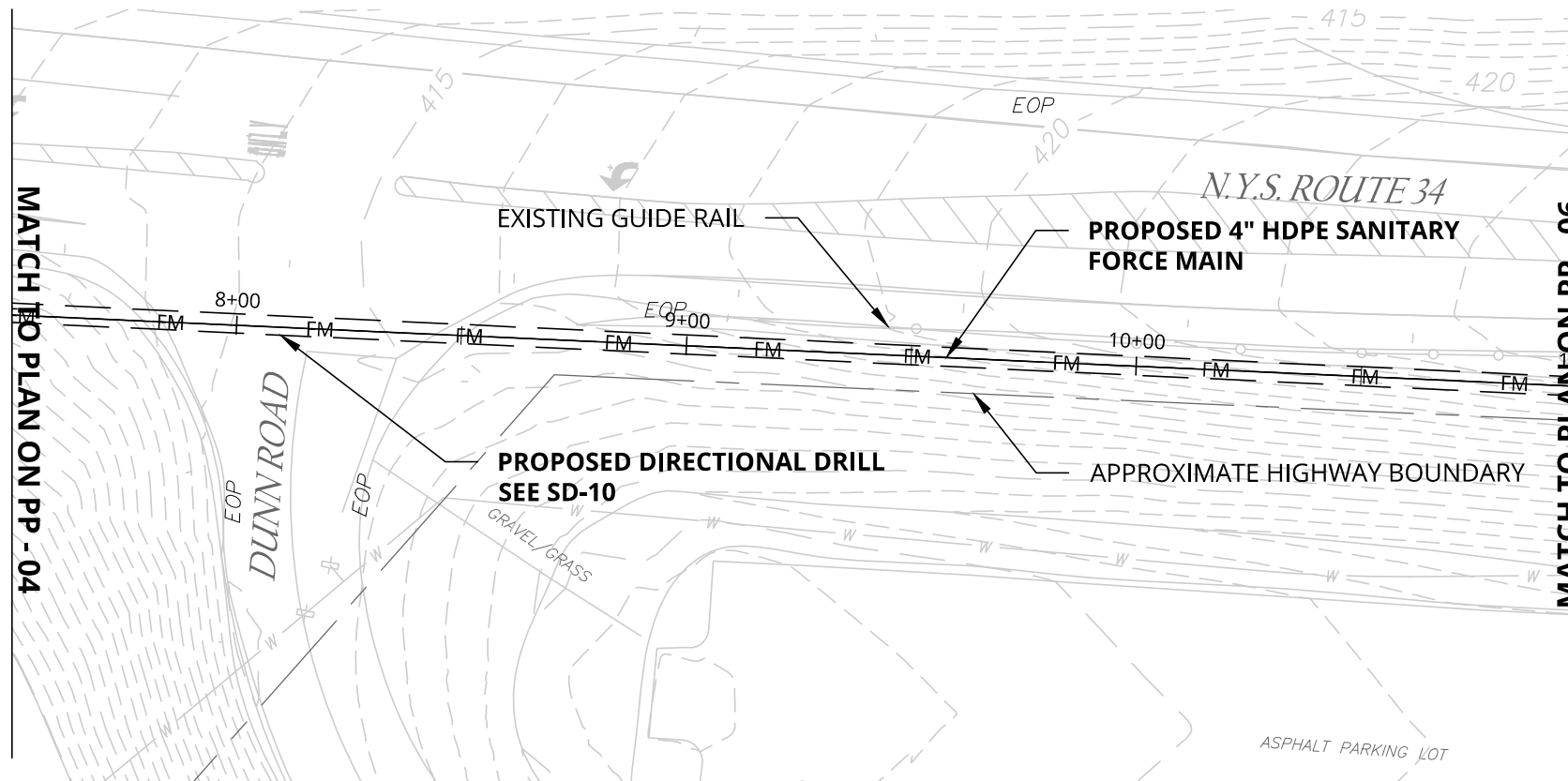
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



ALTERED ON:

AFFIXED ON: 01/28/2026

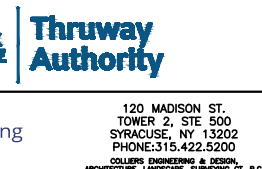
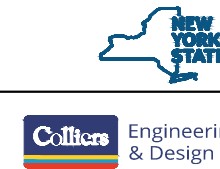
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CONSTRUCT MUNICIPAL SEWER
AT MILEPOST 304.19

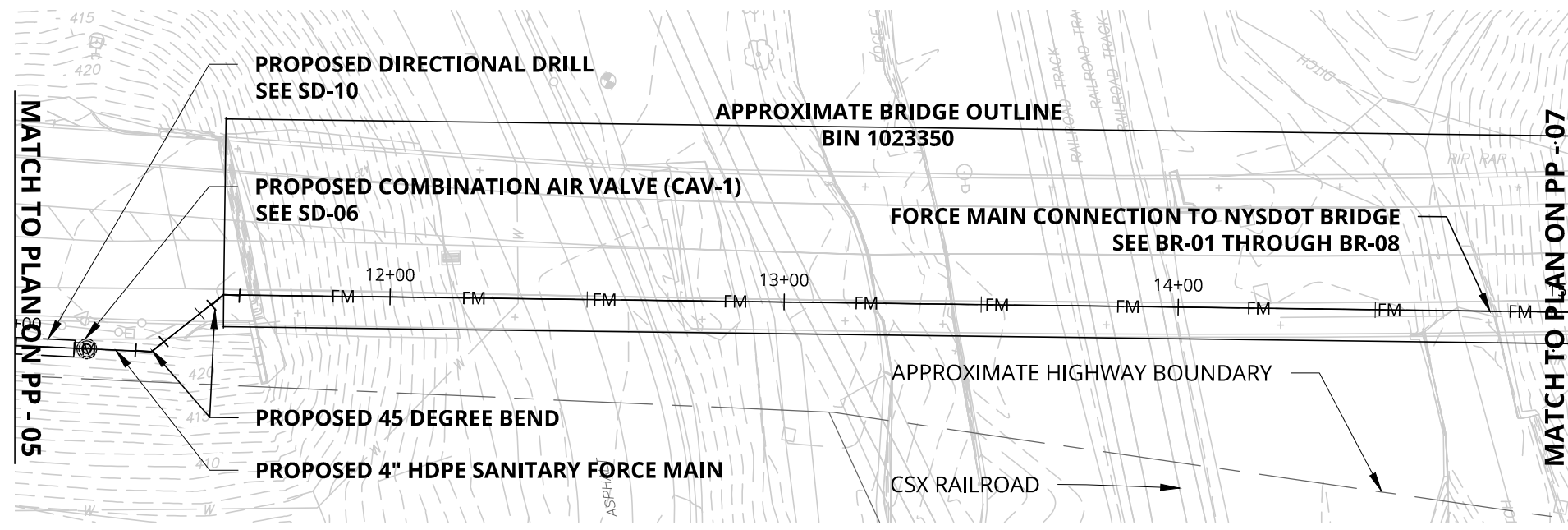
LOCATION OF PROJECT
WEEDSPORT
MAINTENANCE SECTION

TITLE OF DRAWING
PLAN & PROFILE
STA: 7+50 TO 11+00

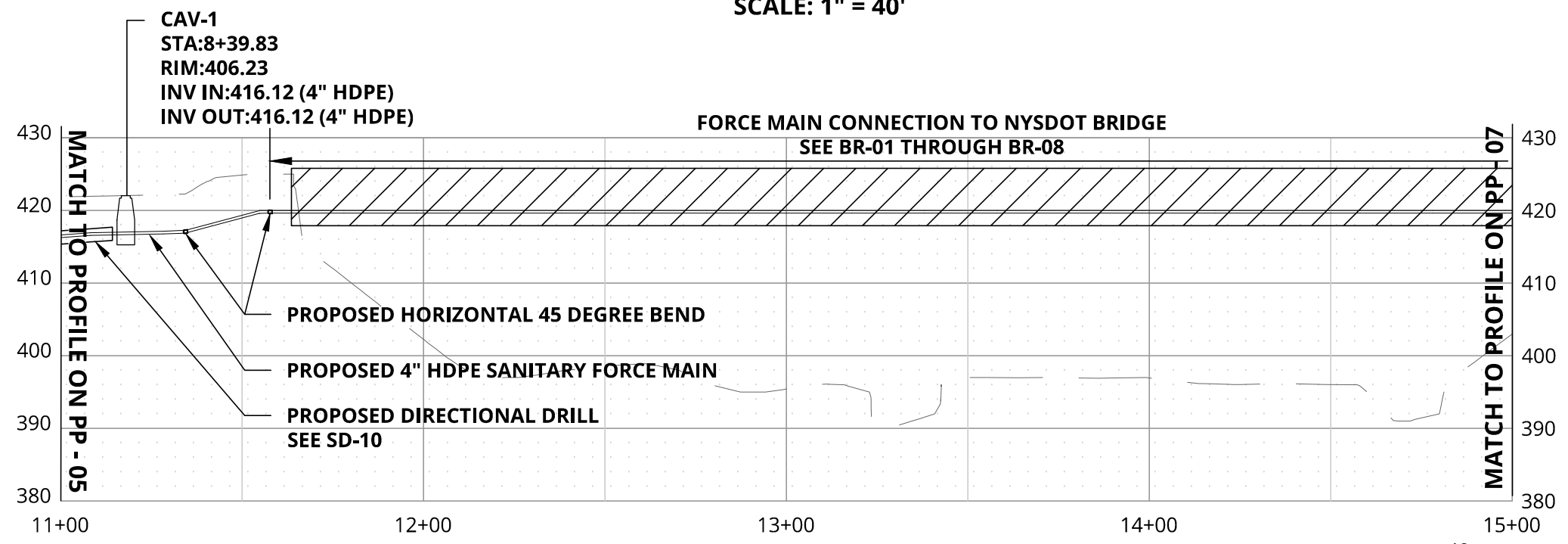
CONTRACT NUMBER:
TAS 26-18A

DATE:
01/16/2026

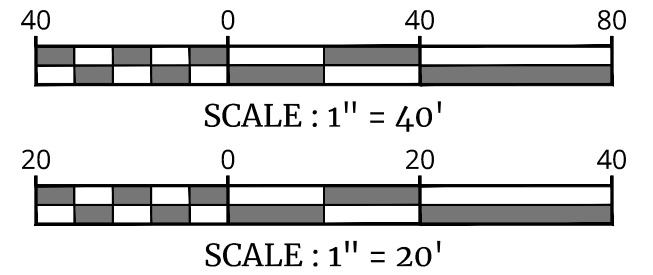
DRAWING NUMBER:
PP-05



PLAN
SCALE: 1" = 40'



PROFILE
SCALE: 1" = 40' HORIZ
SCALE: 1" = 20' VERT



CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

ALTERED ON:

AFFIXED ON: 01/28/2026

SIGNATURE:
STAMP:

SIGNATURE:
STAMP:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING ET. P.C.

TITLE OF PROJECT
CONSTRUCT MUNICIPAL SEWER
AT MILEPOST 304.19

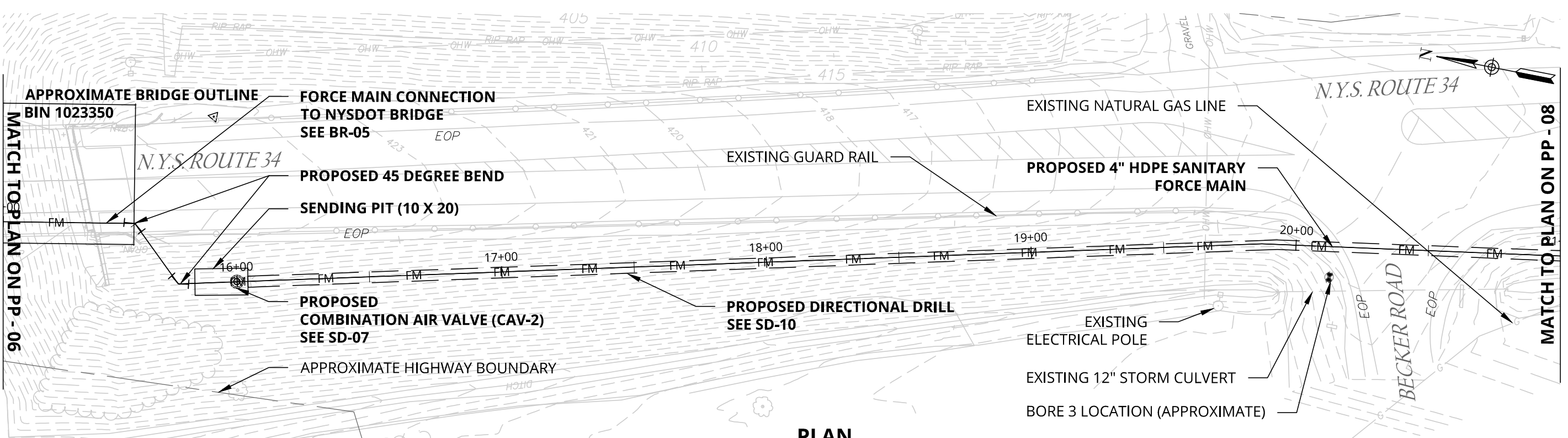
LOCATION OF PROJECT
WEEDSPORT
MAINTENANCE SECTION

TITLE OF DRAWING
PLAN & PROFILE
STA: 11+00 TO 15+00

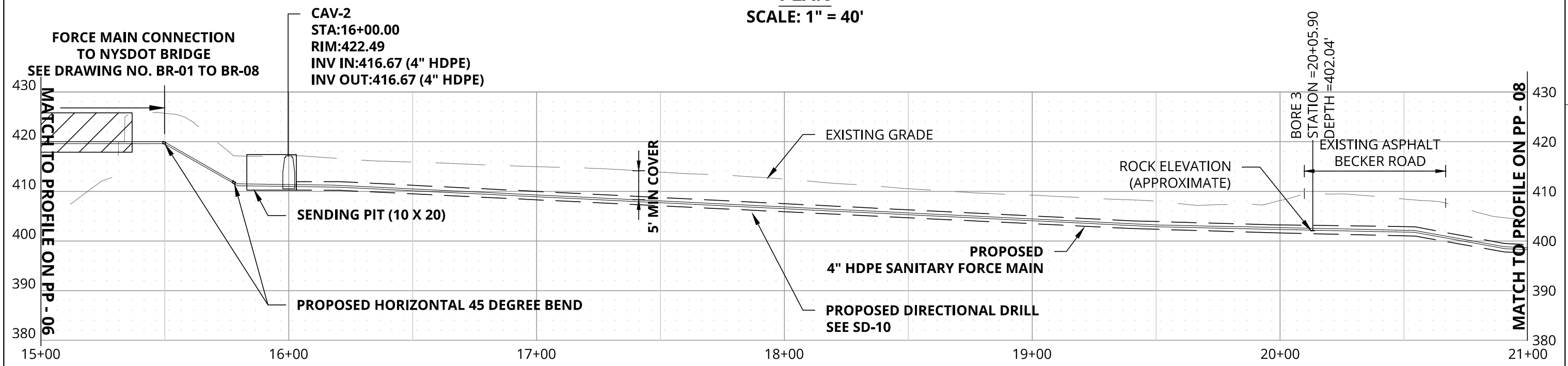
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TAS 26-18A

DATE:
01/16/2026

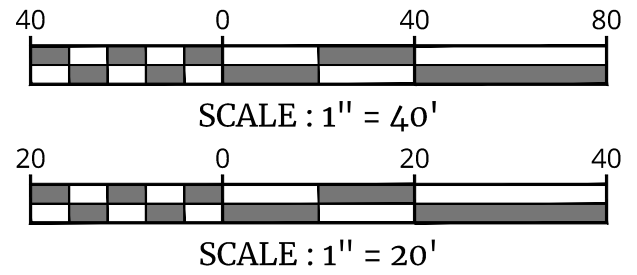
DRAWING NUMBER:
PP-06



PLAN
SCALE: 1" = 40'



PROFILE
SCALE: 1" = 40' HORIZ
SCALE: 1" = 20' VERT



CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

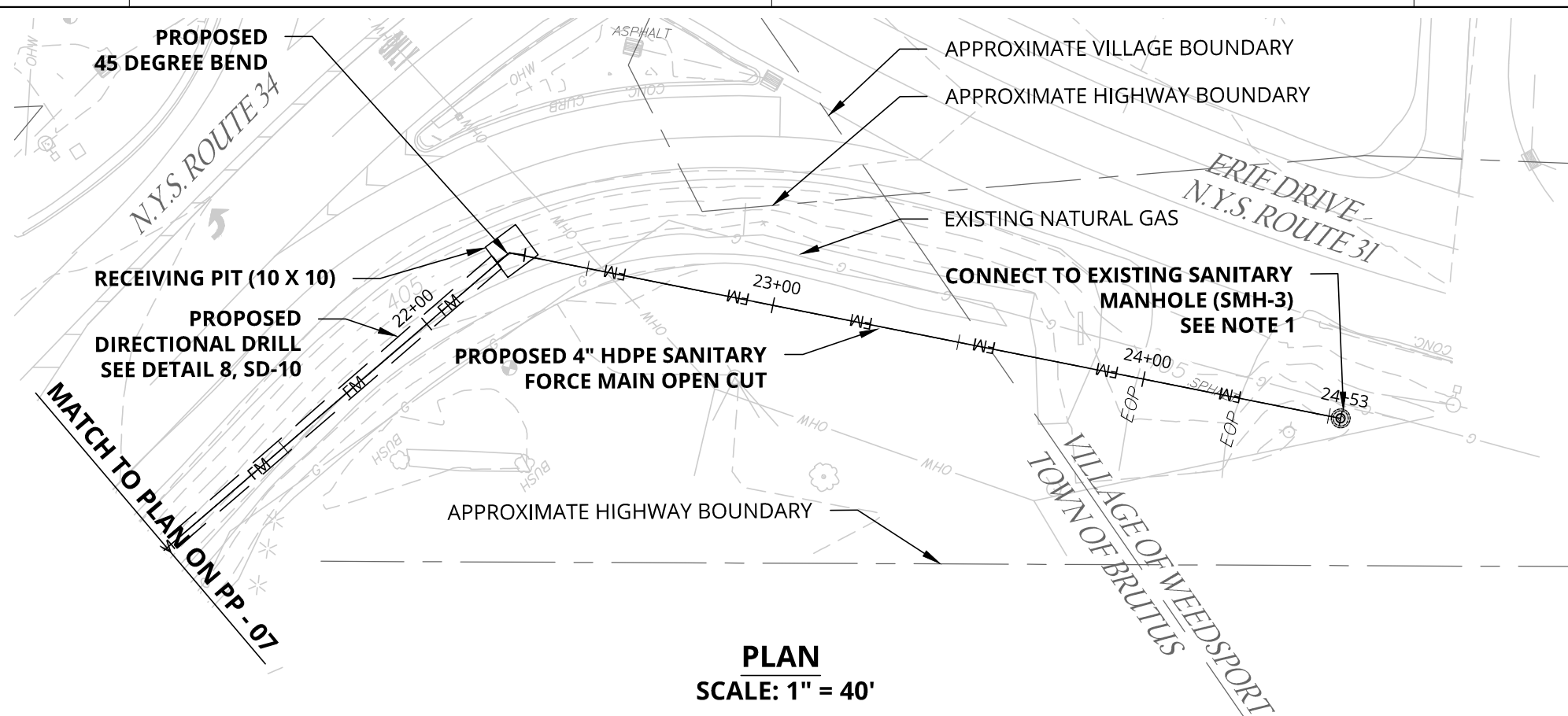
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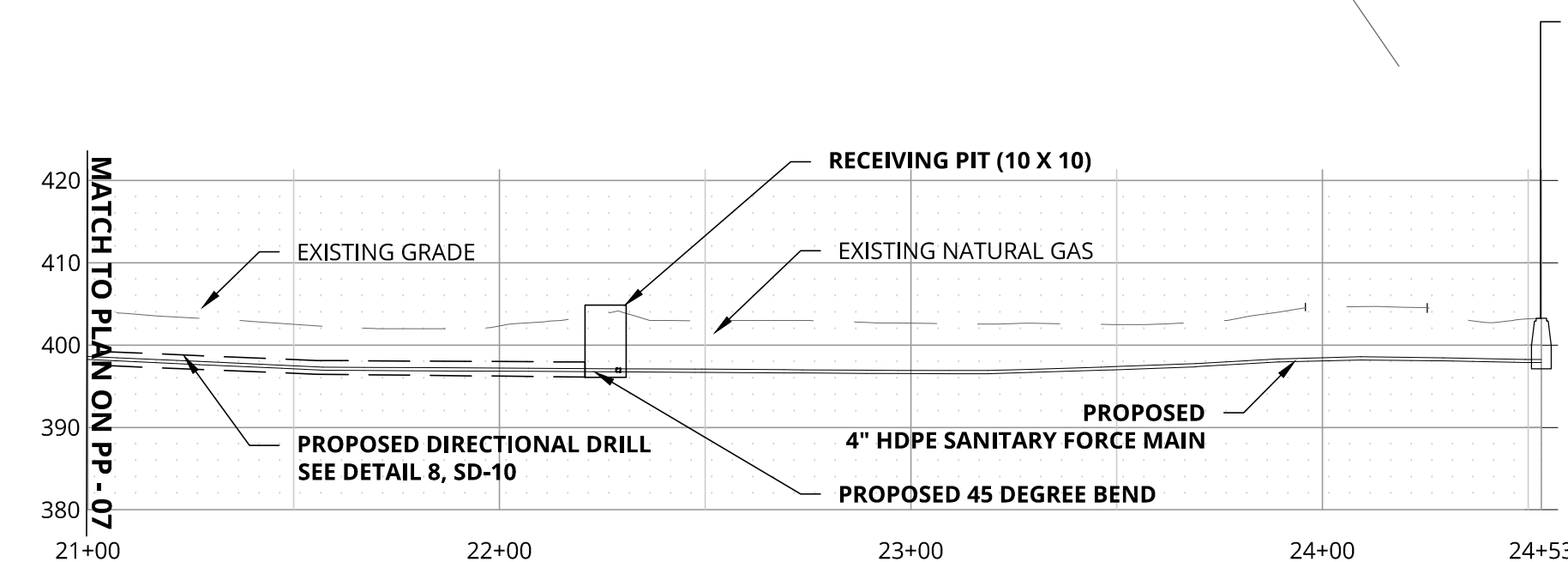
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SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING, E.T.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PLAN & PROFILE STA: 15+00 TO 21+00	DRAWING NUMBER: PP-07



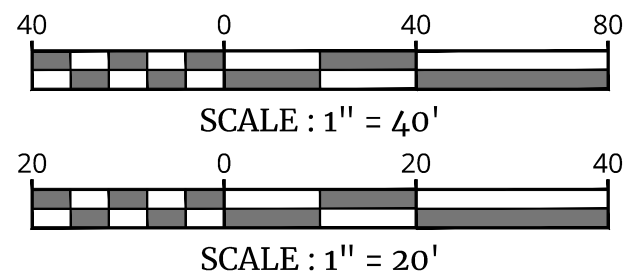
PLAN
SCALE: 1" = 40'



PROFILE
SCALE: 1" = 40' HORIZ
SCALE: 1" = 20' VERT

SMH-3
STA:24+53
RIM:403.25
INV IN:399.31 (4" HDPE)
INV OUT:396.92 +/- (EX 8" VCP)
INV OUT: 396.92 +/- (EX 8" VCP)

NOTE
1. VILLAGE OF WEEDSPORT'S EX MUNICIPAL SEWER MANHOLE LOCATION NEEDS TO BE CONFIRMED PRIOR TO PROJECT CONSTRUCTION DATE AND BE REPORTED BACK TO PROJECT ENGINEER. SEE DETAIL 6 FOR INSTALLATION.



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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PLAN & PROFILE STA: 21+00 TO 24+53	DRAWING NUMBER: PP-08

New York State Thruway Authority Standard Sheets

The following NYS Thruway Authority standard sheets, marked with an "X" in first column, apply to this project.


X	SHEET NO.	SUBJECT
	TA 201-01	Clearing and Grubbing (Dwg. CG)
	TA 203-01	Shoulder Backup 1R Projects (Dwg. SB)
	TA 203-02	Slope Flattening Details
	TA 404-01	Highway Pavement Repair Details (Dwg. PRD)
	TA 404-02	Bridge Deck Wearing Course Resurfacing (Dwg. BDR)
	TA 404-03	Overhead Bridge Underclearance Improvement (Dwg. BU)
	TA 603-01	Culvert Extension Details
	TA 605-01	Underdrain Details
	TA 606-01	Modified Thrie Beam (Mod.) Guiderail (Dwg. GR-1)
	TA 606-02	Vacant
	TA 606-03	Corrugated Median Barrier to Corrugated Beam Guide Railing Transition Detail D (Dwg. GR-4)
	TA 606-04	Box Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-5)
	TA 606-05	HPBO (Mod.) Corrugated Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-6)
	TA 606-06	Typical U-Turn Median Rail Layout and Roadway Transverse Section
	TA 606-07	Modified Thrie Beam Guiderail with Rock Rail
	TA 606-08	Transition HPBO Corrugated Beam Median Guide Railing to HPBO Corrugated Beam Guide Railing
	TA 611-01	Living Snow Fences
	TA 614-01	Tree Removal
x	TA 619-01	Work Zone Traffic Control Tables & Legend
	TA 619-02	General Work Zone Traffic Control Notes & Channelizing Devices
x	TA 619-03	Shoulder Closure Short-Term or Intermediate-Term Stationary
	TA 619-04	Shoulder Closure Short-Duration Stationary and Mobile
	TA 619-05	Signing & Delineation for Shoulder Work Spaces with Temporary Concrete Barrier
	TA 619-06	Work Beyond Shoulder
	TA 619-07	Be Prepared to Stop and Uneven Lanes Signing
	TA 619-08	Single Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-09	Double Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-10	Center Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-11	Lane Shift: 65 MPH Zone
	TA 619-12	Single Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone
	TA 619-13	Double Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING NYS THRUWAY TRAFFIC CONTROL DETAILS CHART	DRAWING NUMBER: TC-01

DESIGN SUPERVISOR:

Highway Work Type

The marked types & treatments apply to the indicated milepost range(s) below.

MILEPOST FROM:								
TO:	304.19							
PROJECT TYPE	X	X	X	X	X	X	X	X
1R Resurfacing								
2R Resurfacing								
3R Rehabilitation								
Reconstruction								
Safety Improvements								
Drainage								
Rock Slope Remediation								
Pavement Striping								
Other: MUNICIPAL SEWER CONNECTION	X							
PAVEMENT TREATMENT	X	X	X	X	X	X	X	X
Isolated Pavement Repairs Only								
Thin Overlay without Milling								
Thin Overlay with Milling								
1" Mill & Inlay without Shoulders								
1" Mill & Inlay with Shoulders								
2" Mill & Inlay without Shoulders								
2" Mill & Inlay with Shoulders								
Mill to Concrete with 4" Overlay								
Mill to Concrete with 4.5" Overlay								
Mill to Concrete with 5" Overlay								
Crack and Seat with Overlay								
Rubblize with Overlay								
Other:								

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TITLE OF PROJECT
CONSTRUCT MUNICIPAL SEWER
AT MILEPOST 304.19

LOCATION OF PROJECT
WEEDSPORT
MAINTENANCE SECTION

TITLE OF DRAWING
NYS THRUWAY
TRAFFIC CONTROL
DETAILS CHART

CONTRACT NUMBER:
TAS 26-18A

DATE:
01/16/2026

DRAWING NUMBER:
TC-02

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DESIGNED BY:

DESIGN SUPERVISOR:

TABLE NY1-A BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)					
CLOSURE TYPE	EXPOSURE CONDITION ¹	USE REQUIREMENTS ^{4,5}			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			≥ 45 MPH	35-40 MPH	≤ 30 MPH
LANE CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	REQUIRED ³	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
SHOULDER CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	OPTIONAL ²

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
2. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
3. REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRAVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXISTS. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHERE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
4. BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
5. BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS										
SPEED LIMIT (S) (MPH)	TAPER LENGTH (L) (FT.)									
(40 MPH) OR LESS	L = WS ² / 60		L = TAPER LENGTH W = WIDTH OF OFFSET (FT.) S = PRECONSTRUCTION POSTED SPEED LIMIT (MPH)							
(45 MPH) OR MORE	L = WS									
STANDARD TAPER LENGTHS										
LATERAL SHIFT OF TRAFFIC FLOW PATH	TEMPORARY TRAFFIC CONTROL ZONE POSTED SPEED LIMIT									
	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES	
TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT. PER LANE

WORK ZONE TRAFFIC CONTROL LEGEND	
SYMBOL	DESCRIPTION
	ARROW PANEL
	ARROW PANEL, CAUTION MODE
	ARROW PANEL TRAILER OR SUPPORT
	CHANGEABLE MESSAGE SIGN (PVMS)
	CHANNELIZING DEVICE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TEMPORARY TRAFFIC DETOUR
	DIRECTION OF TRAFFIC
	FLAGGER
	FLAG TREE
	LUMINAIRE
	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
	SIGN, TEMPORARY
	TEMPORARY BARRIER
	TEMPORARY BARRIER WITH WARNING LIGHTS
	TRAFFIC OR PEDESTRIAN SIGNAL
	TYPE III BARRICADE
	WARNING LIGHTS
	WORK SPACE
	WORK VEHICLE
	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

TABLE 6C-2 LONGITUDINAL BUFFER SPACE	
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
40	305 FT.
45	360 FT.
50	425 FT.
55	495 FT.
60	570 FT.
65	645 FT.

TABLE 619-4 FLARE RATES FOR POSITIVE BARRIER					
TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT				
	30 MPH	40 MPH	50 MPH	55 MPH	65 MPH
TEMPORARY CONCRETE BARRIER	8:1	11:1	14:1	16:1	20:1
BOX BEAM OR HEAVY POST CORRUGATED BEAM	7:1	9:1	11:1	12:1	15:1

TABLE NY6H-3 ADVANCE WARNING SIGN SPACING					
ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND	
	A (FT.)	B (FT.)	C (FT.)	XX	YY
URBAN (≤ 30 MPH*)	100	100	100	AHEAD	AHEAD
URBAN (35-40 MPH*)	200	200	200	AHEAD	AHEAD
URBAN (≥ 45 MPH*)	350	350	350	1000 FT.	AHEAD
RURAL	500	500	500	1500 FT.	1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2640	1 MILE	1/2 MILE

* PRECONSTRUCTION POSTED SPEED LIMIT

URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.

RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.

EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES				
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)			
	BARRIER VEHICLES*			
	(18000 LBS.)		(24000 LBS.)	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	100 FT.	200 FT.	100 FT.	200 FT.
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.
< 45	85 FT.	165 FT.	50 FT.	100 FT.

* AS DEFINED IN NYS DOT STANDARD SPECIFICATION 619:

BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

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 120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 <small>COLLIERS ENGINEERING & DESIGN, ARCHITECTURE, LANDSCAPE, SURVEYING CT, P.C.</small>	TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
	LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING NYS DOT TRAFFIC CONTROL NOTES	DRAWING NUMBER: TC-03	

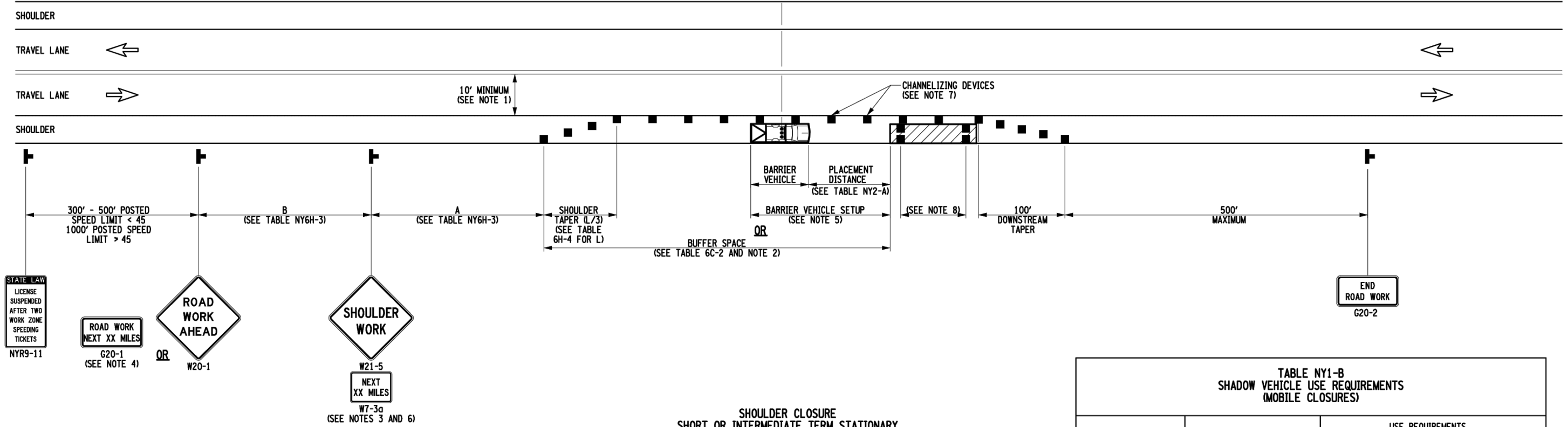
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NOTES:

- WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
- NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
- WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
- THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
- FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
- IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
- CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
- TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

WORK DURATION DEFINITIONS

LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.

INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.

SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

**TABLE NY2-B
PLACEMENT DISTANCE FOR SHADOW VEHICLES**

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)			
	SHADOW VEHICLES**			
	(18000 LBS.)		(24000 LBS.)	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	230 FT.	330 FT.	180 FT.	280 FT.
45 - 55	180 FT.	280 FT.	150 FT.	250 FT.
< 45	100 FT.	200 FT.	100 FT.	200 FT.

* AS DEFINED IN NYS DOT STANDARD SPECIFICATION 619:
SHADOW VEHICLE - VEHICLE USED FOR MOBILE OR SHORT DURATION WORK OPERATIONS.
MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

**TABLE NY1-B
SHADOW VEHICLE USE REQUIREMENTS
(MOBILE CLOSURES)**

CLOSURE TYPE	EXPOSURE CONDITION	USE REQUIREMENTS			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			≥ 45 MPH	35-40 MPH	≤ 30 MPH
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}
SHOULDER CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}

- A MOBILE CLOSURE SHALL BE USED FOR ANY WORK ACTIVITY THAT MOVES CONTINUOUSLY OR INTERMITTENTLY ALONG THE TRAVELED WAY OR SHOULDER SLOWER THAN THE PREVAILING SPEED OF TRAFFIC. CHANNELIZING DEVICES ARE NOT USED FOR MOBILE CLOSURES.
- SHADOW VEHICLES SHALL BE EQUIPPED WITH AN APPROVED REAR MOUNTED ATTENUATOR (TRUCK MOUNTED OR TRAILER MOUNTED) FOR THE FOLLOWING MOBILE CLOSURES: LANE CLOSURES ON FREEWAYS, LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 35 MPH OR MORE, SHOULDER CLOSURES ON FREEWAYS, AND SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE.
- FOR MOBILE LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 30 MPH OR LESS AND MOBILE SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 40 MPH OR LESS, SHADOW VEHICLES ARE NOT REQUIRED TO BE EQUIPPED WITH A REAR MOUNTED ATTENUATOR.
- A SHADOW VEHICLE IS USED TO PROTECT EXPOSED WORKERS (ON FOOT OR IN A VEHICLE) AND SHALL BE REQUIRED FOR ALL MOBILE CLOSURES. SHADOW VEHICLE REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE SHADOW VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. ADDITIONAL SHADOW VEHICLES MAY BE REQUIRED TO PROMOTE THE SAFE OPERATION OF TRAFFIC AND THE INCREASED PROTECTION OF EXPOSED WORKERS, AS DIRECTED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE.

ALTERED ON: 01/28/2026

AFFIXED ON: 01/28/2026

SIGNATURE: STAMP: [Professional Engineer Seal]

STATE OF NEW YORK
JOSEPH B AWAL
LICENSED PROFESSIONAL ENGINEER
089707

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NEW YORK STATE Thruway Authority

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COLLIER ENGINEERING & DESIGN
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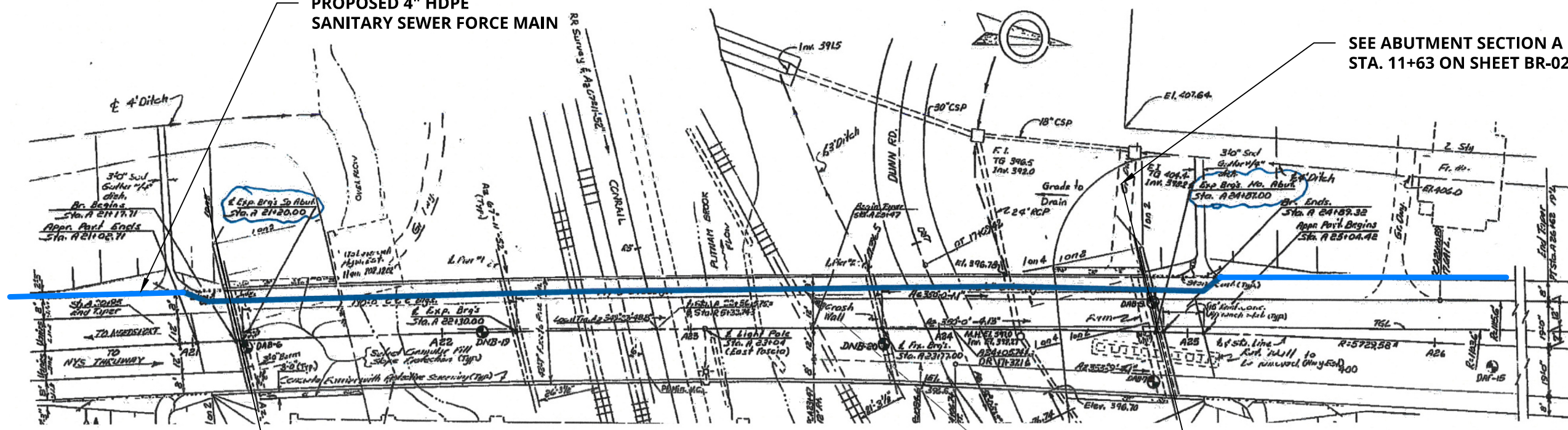
TITLE OF PROJECT: CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19
LOCATION OF PROJECT: WEEDSPORT MAINTENANCE SECTION
TITLE OF DRAWING: NYS DOT TRAFFIC CONTROL NOTES & TWO-WAY TWO-LANE

CONTRACT NUMBER: TAS 26-18A
DATE: 01/16/2026
DRAWING NUMBER: TC-04

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**PROPOSED 4" HDPE
SANITARY SEWER FORCE MAIN**

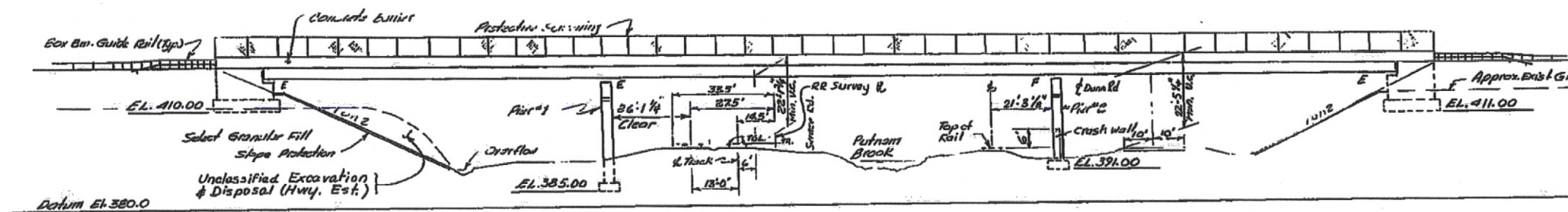
SEE ABUTMENT SECTION A
STA. 11+63 ON SHEET BR-02



**PLAN
NTS**

INSTALL 4" DI HDPE SANITARY
FORCE MAIN CASING PIPE
SEE PIPE HANGERS AND SUPPORTS
ON SHEETS BR-04 THROUGH BR-08

SEE ABUTMENT SECTION B
STA. 15+31 ON BR-03



**ELEVATION
NTS**

NOTE:

1. ORIGINAL PLANS FORM NYS DOT 1989 -
ROUTE 34 OVER CONTRAIL AND PUTNAM
CREEK - WEEDSPORT CATO

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DRAFTED BY:

CHECKED BY:

DESIGNED BY:

ALTERED ON:

AFFIXED ON: 01/28/2026

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

Colliers Engineering & Design
120 MADISON ST.
TOWER 2, STE 500
SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING ET. P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS PLAN / SECTION	DRAWING NUMBER: BR-01

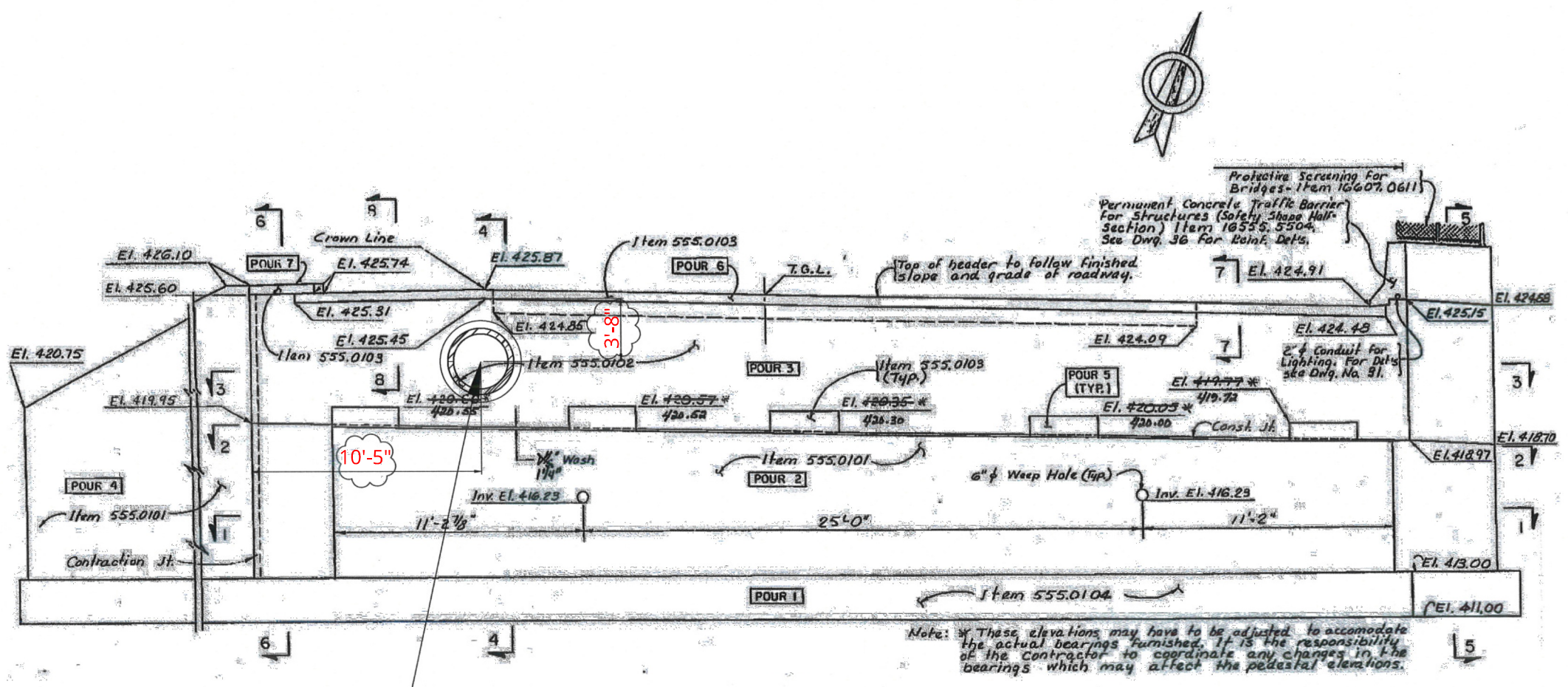
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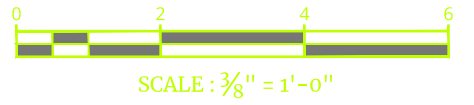
DESIGN SUPERVISOR:



DRILLING 9" DIAMETER HOLES IN EXISTING SUBSTRUCTURE ITEM 586.18000017

SECTION A
SCALE: 3/8" = 1'
STA: 11+63

- NOTE:
1. ORIGINAL PLANS FORM NYSDOT 1989 - ROUTE 34 OVER CONTRAIL AND PUTNAM CREEK - WEEDSPORT CATO



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NEW YORK STATE Thruway Authority

Colliers Engineering & Design

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ARCHITECTURE, LANDSCAPE, SURVEYING ET. P.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS SECTION A	DRAWING NUMBER: BR-02

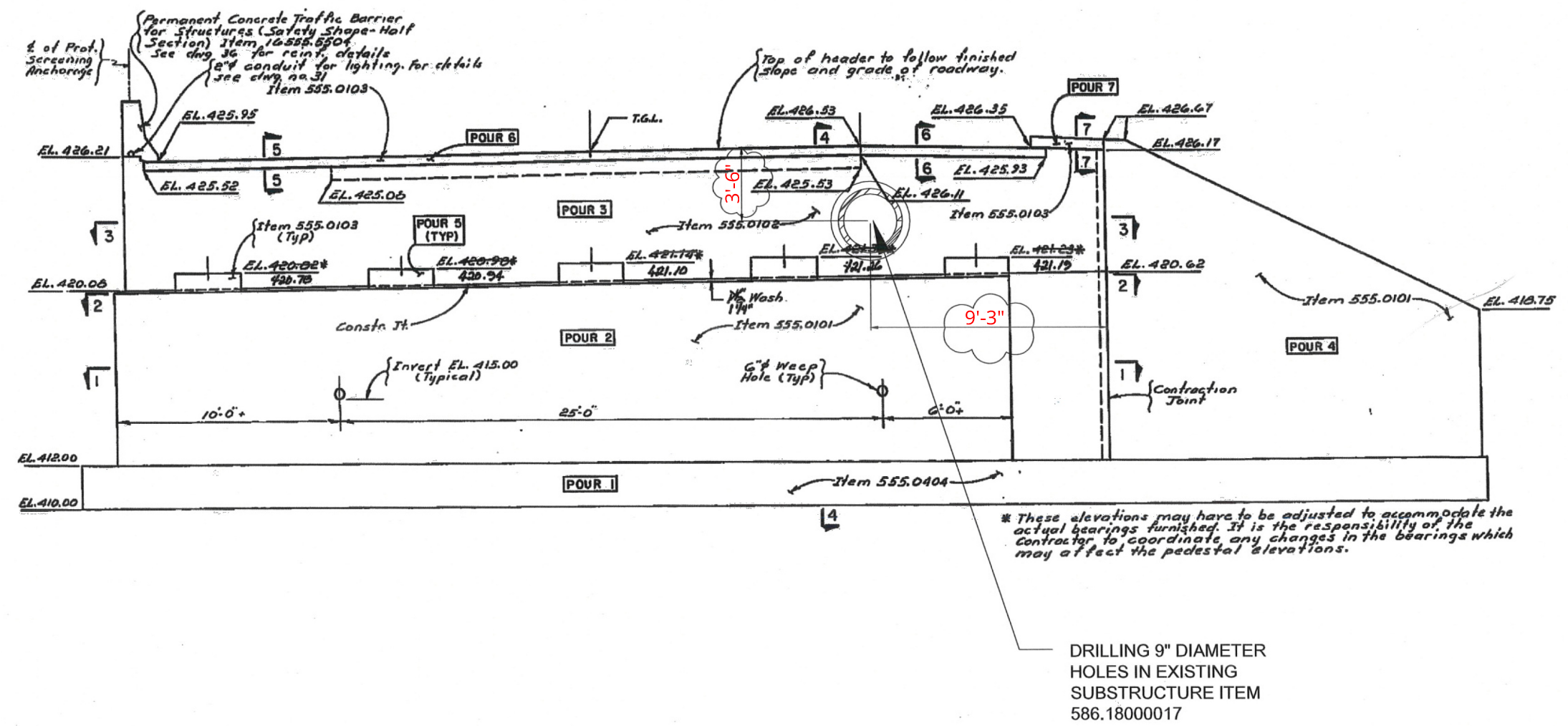
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



SECTION B
SCALE: 3/8" = 1'
STA: 15+31

- NOTE:
1. ORIGINAL PLANS FORM NYS DOT 1989 - ROUTE 34 OVER CONTRAIL AND PUTNAM CREEK - WEEDSPORT CATO

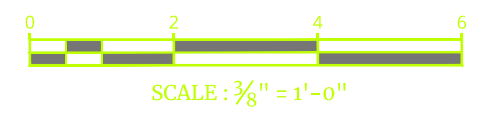
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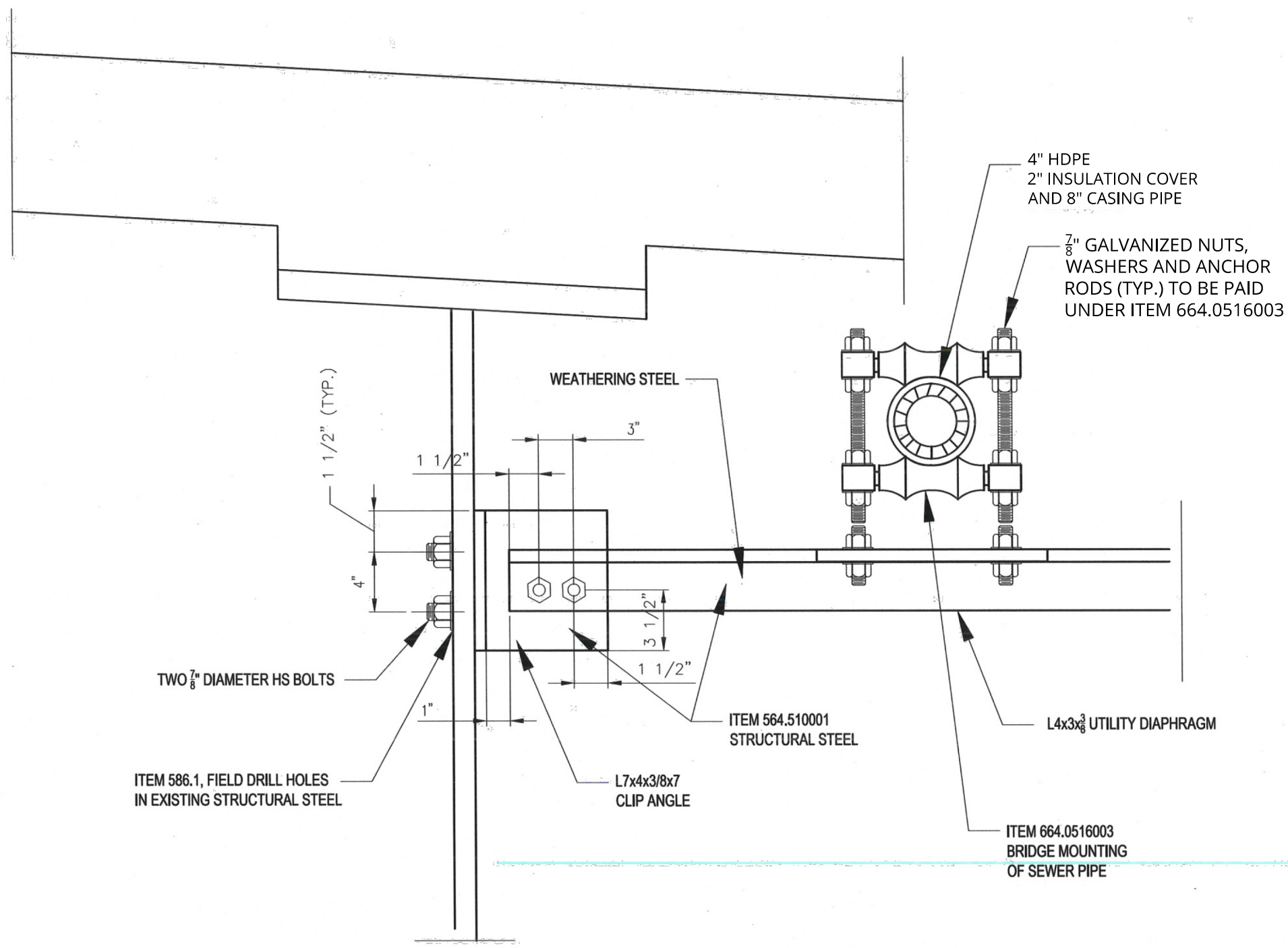
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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS SECTION B	DRAWING NUMBER: BR-03





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CHECKED BY:

DESIGNED BY:


DESIGN SUPERVISOR:

NOTE:


1. ORIGINAL PLANS FORM NYSDOT 1989 - ROUTE 34 OVER CONTRAIL AND PUTNAM CREEK - WEEDSPORT CATO
2. ALL WORK SHALL CONFORM TO THE NYS STEEL CONSTRUCTION MANUAL
3. ALL STEEL SHALL BE ASTM A709 GRADE 50W

**DETAIL B
NTS**

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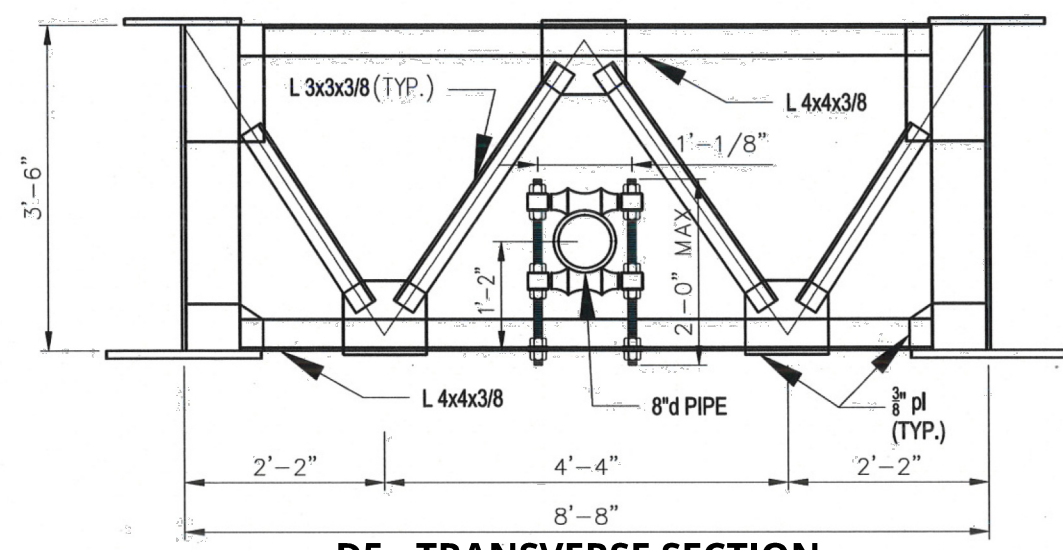
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

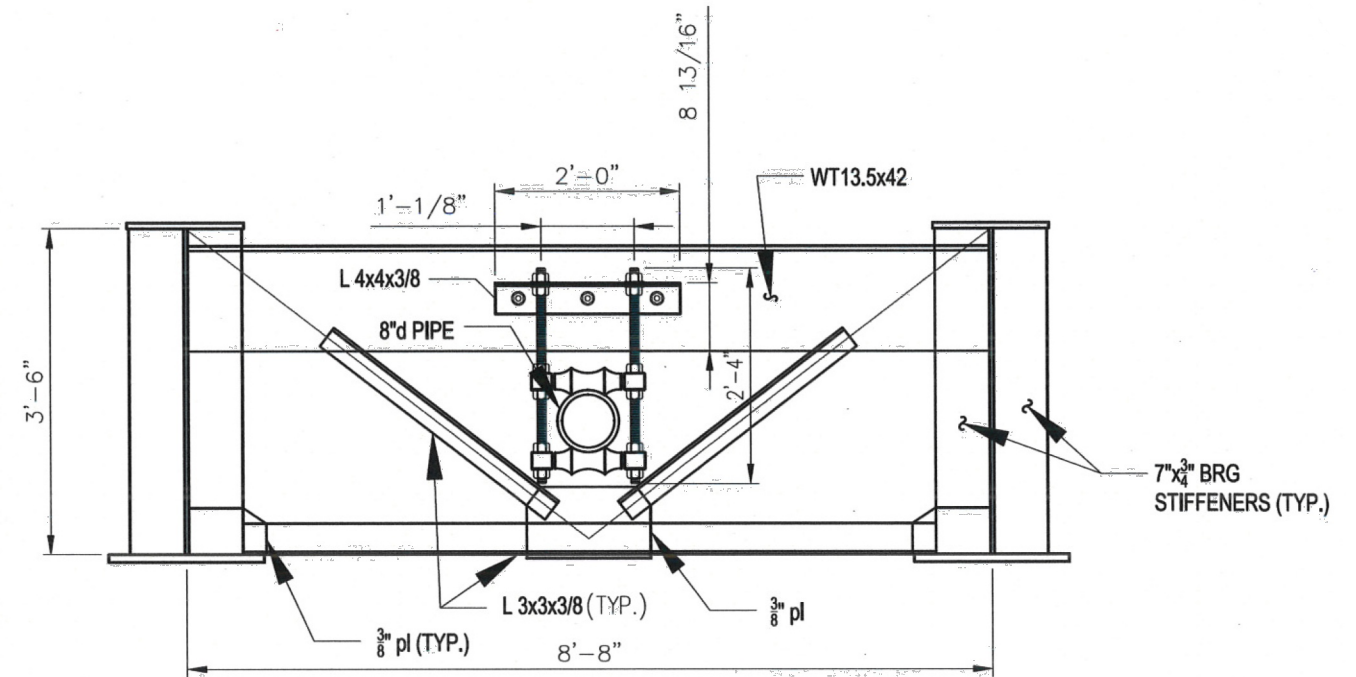


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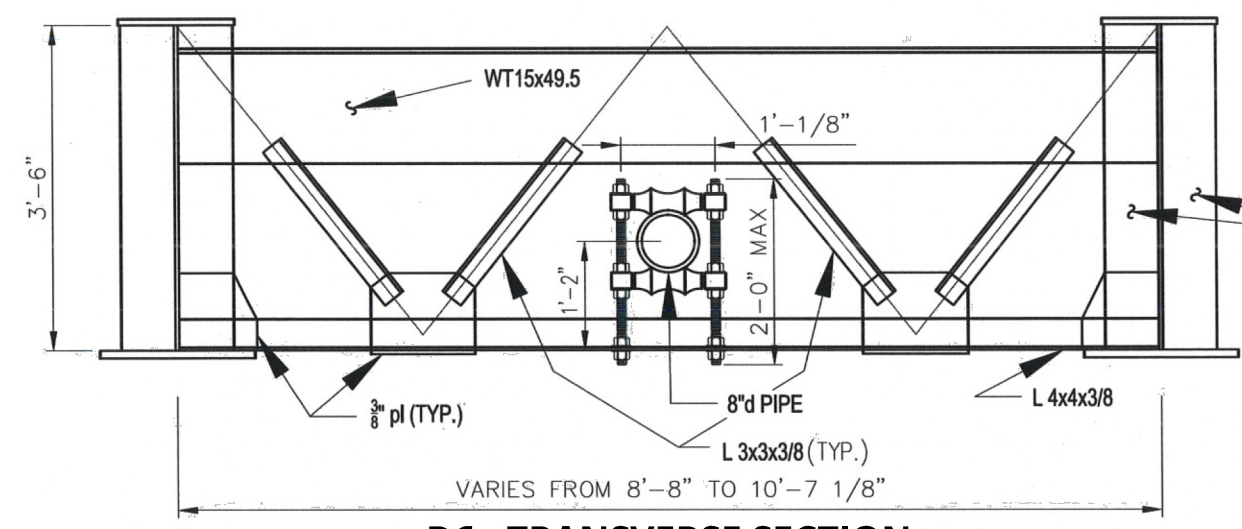
TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS DUEL ROLLER PIPE SUPPORT	DRAWING NUMBER: BR-04



D5 - TRANSVERSE SECTION
NTS

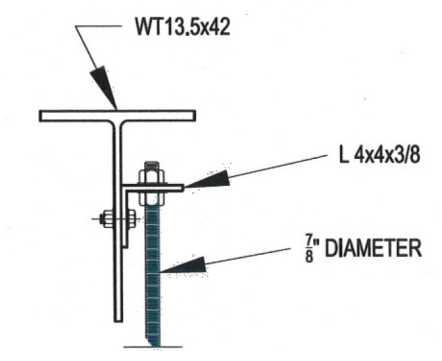


D1 - TRANSVERSE SECTION
NTS



D6 - TRANSVERSE SECTION
NTS

NOTE:
IF THE BOTTOM STRUT ANGLE IS
NOT FACING THE
ABUTMENT YOU CAN MOUNT THE
HANGER TO THE
BOTTOM ANGLE.



MOUNTING DETAIL
NTS

NOTE:
1. ORIGINAL PLANS FORM NYSDOT 1989 -
ROUTE 34 OVER CONTRAIL AND PUTNAM
CREEK - WEEDSPORT CATO

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS PIPE SUPPORTS	DRAWING NUMBER: BR-05

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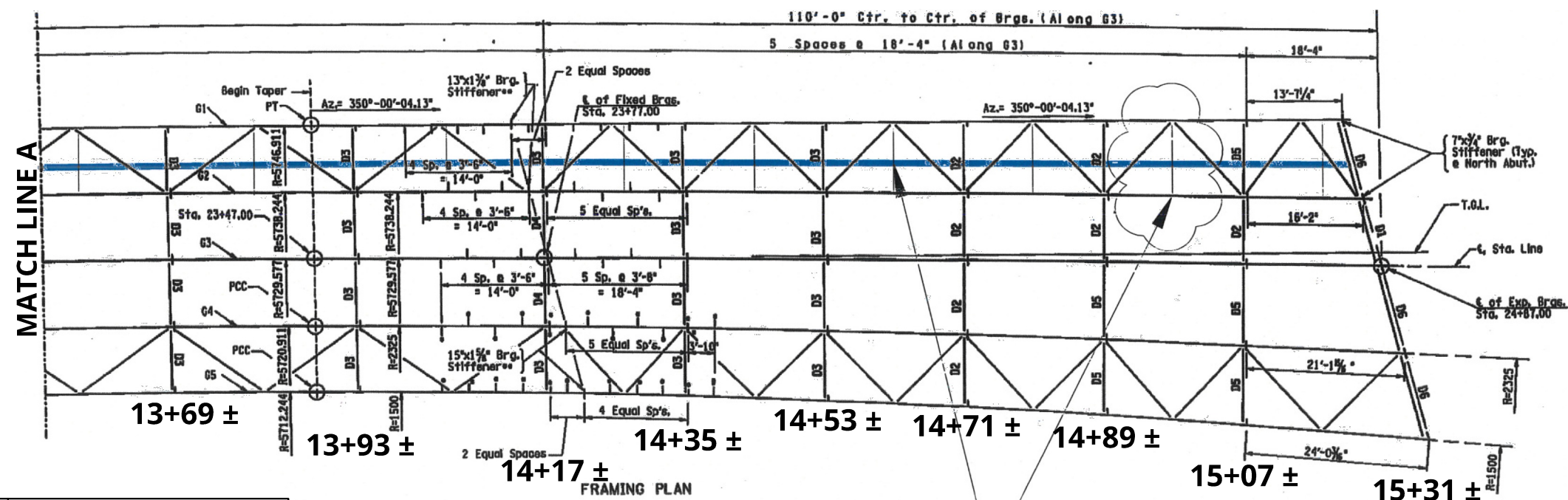
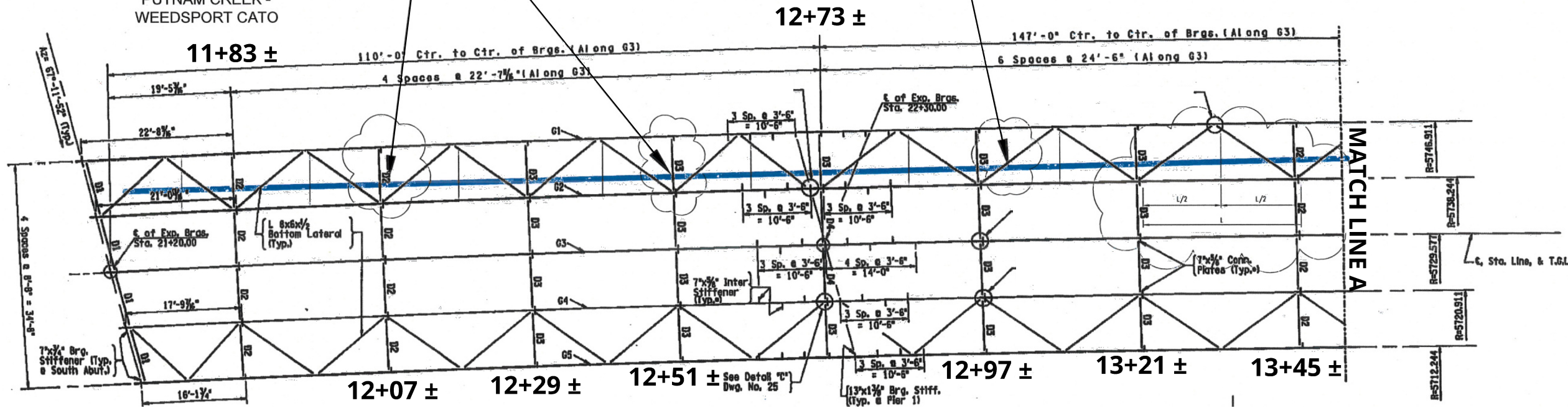
AFFIXED ON:
01/28/2026
SIGNATURE:
STAMP:



INSTALL PIPE HANGAR ASSEMBLY
UNDER ITEM 603.94000407 (TYP)

INSTALL 4" DIAMETER FUSED HDPE FORCE MAIN
AND CASING PIPE UNDER ITEM 603.94000407
ITEM 660.21080008

ORIGINAL PLANS FROM
NYS DOT 1989 - ROUTE 34
OVER CONRAIL AND
PUTNAM CREEK -
WEEDSPORT CATO



INSTALL PIPE SUPPORT STEEL AT MID BAY (TYP.)
UNDER ITEM 564.510001. (TYP.)
BRIDGE DECK - PIPE INSTALLATION PLAN
NTS

- NOTE:
- FOR DETAIL OF DIAPHRAGMS SEE TRANSVERSE SECTION ON BR-07

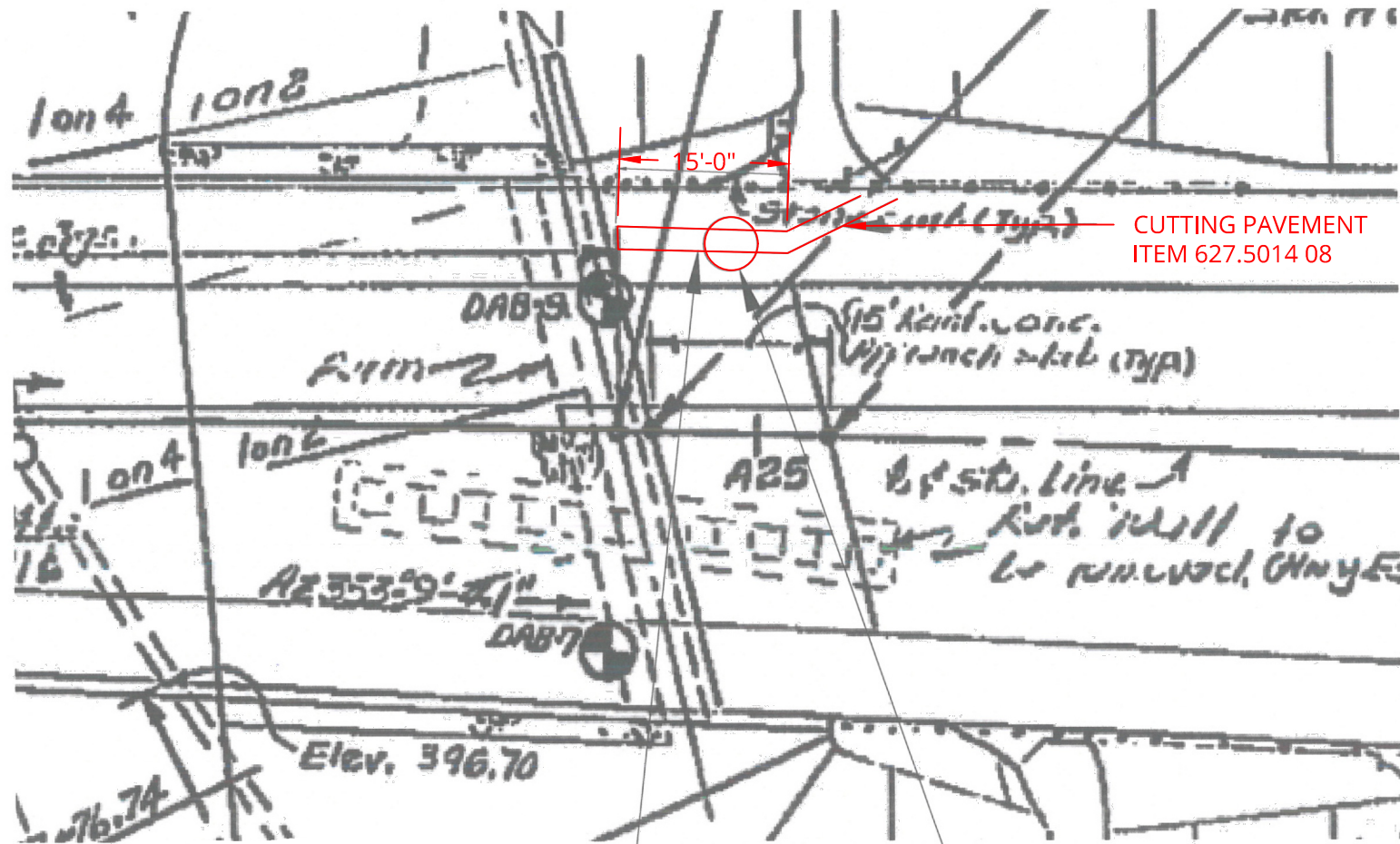
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ALTERED ON:	AFFIXED ON: 01/28/2026
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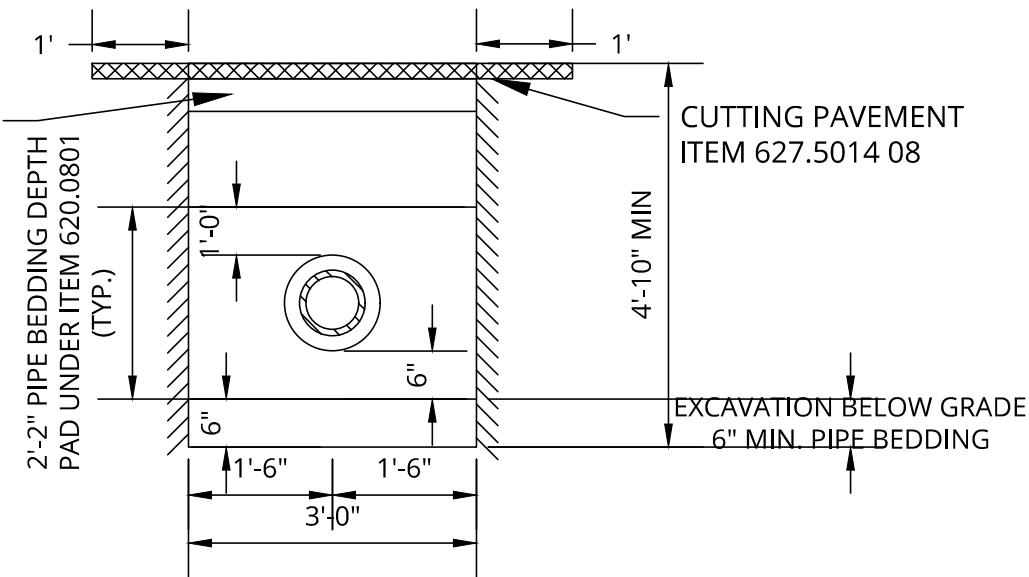
		TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
	120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 COLLIERS ENGINEERING & DESIGN ARCHITECTURE, LANDSCAPE, SURVEYING ET. P.C.	LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS PIPE INSTALLATION		TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	



TRENCH AND CULVERT EXCAVATION
ITEM 206.0201
SIMILAR FOR BEGINNING ABUTMENT SIDE
SEE NOTE 1

ENLARGED PLAN
NTS

REPLACE ASPHALT
2" UNDER ITEM 404.1282
3" UNDER ITEM 404.1989
8" UNDER ITEM 404.2589



TRENCHING
NTS

NOTE:

1. ORIGINAL PLANS FORM NYS DOT 1989 - ROUTE 34 OVER CONTRAIL AND PUTNAM CREEK - WEEDSPORT CATO
2. CONTRACTOR TO VERIFY EXISTING CULVERT AND DEPTH PRIOR TO SANITARY SEWER FORCE MAIN INSTALLATION

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DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Thruway Authority

Colliers Engineering & Design

120 MADISON ST.
TOWER 2, STE 500
SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING BRIDGE DETAILS	DRAWING NUMBER: BR-07

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DESIGN SUPERVISOR:

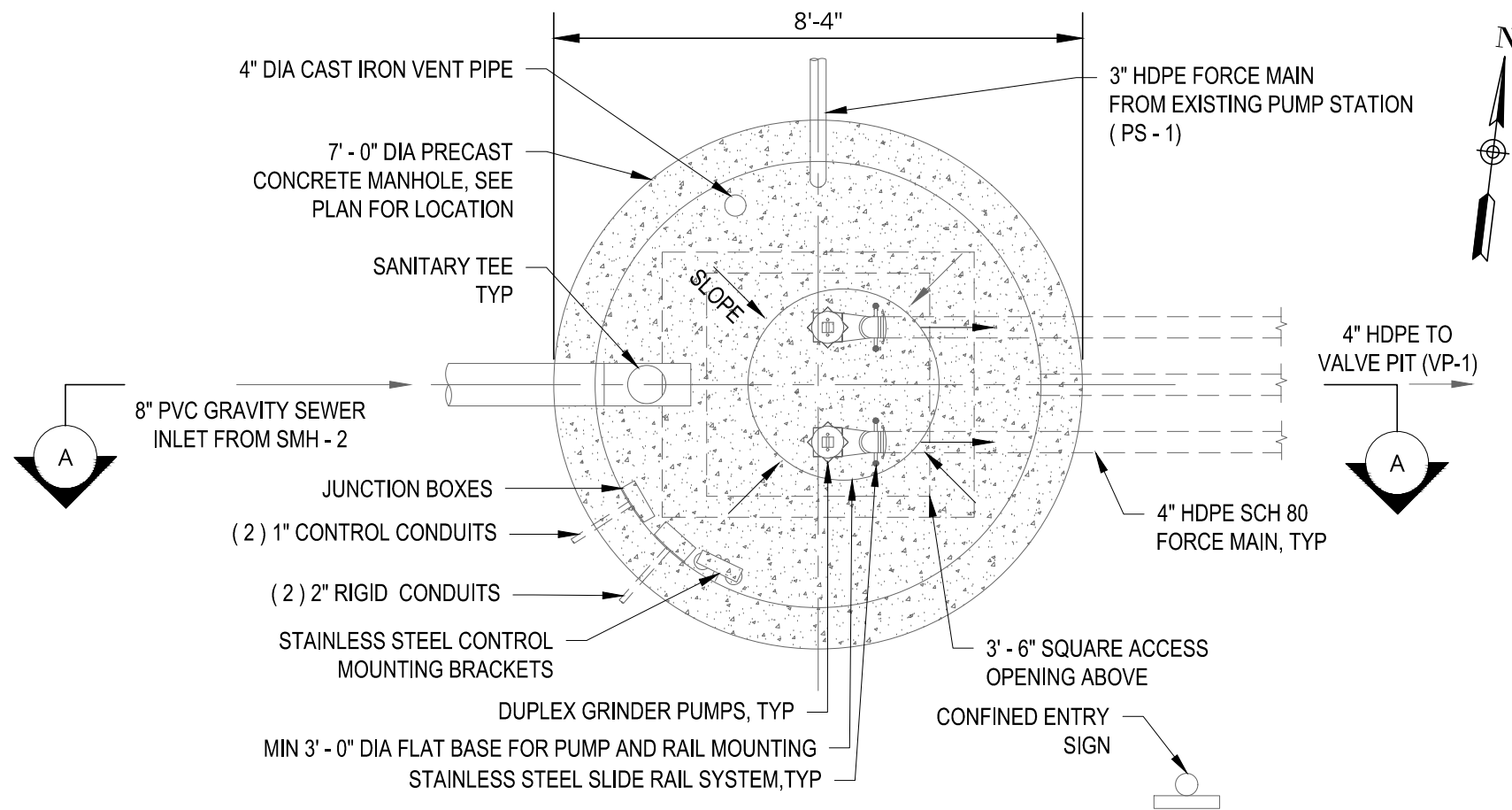
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AFFIXED ON: 01/28/2026

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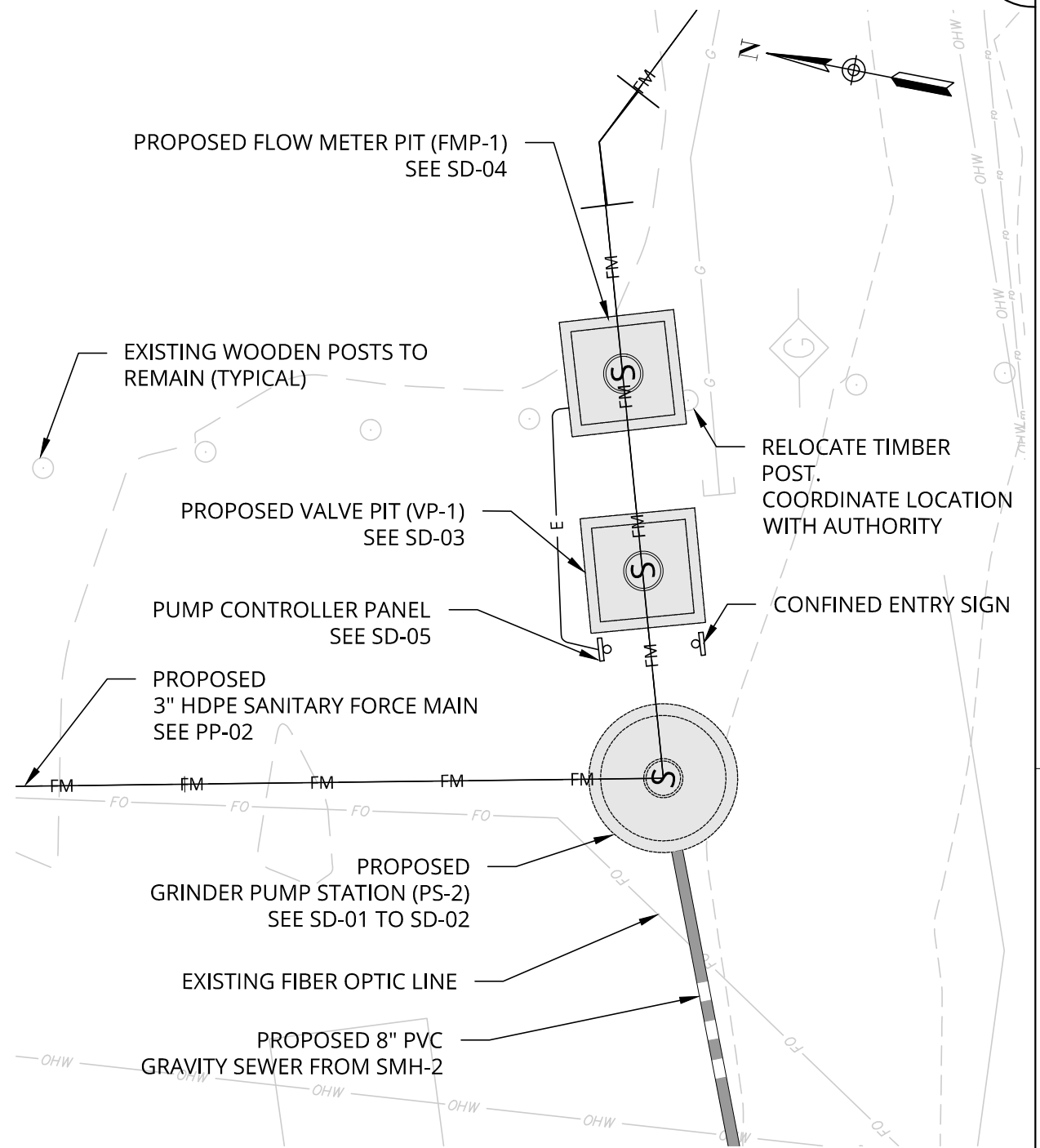


GRINDER PUMP STATION (PS-2) PLAN VIEW

NOT TO SCALE

NOTE:

1. PROVIDE MINIMUM DISTANCE BETWEEN FLOW METER AND INTERFERING ELEMENTS (VALVES, TEES, BEND, ETC .) IN ACCORDANCE WITH FLOW METER MANUFACTURER'S WRITTEN INSTRUCTIONS. VALVES AND FITTINGS MAY BE MOVED OUTSIDE OF FLOW METER PIT STRUCTURE TO MEET MINIMUM SEPARATION DISTANCE FROM FLOW METER. PROVIDE VALVE BOXES IF VALVES ARE MOVED OUTSIDE OF STRUCTURE. COORDINATE LOCATIONS OF VALVES AND FITTINGS WITH AUTHORITY.
2. PROVIDE SAMPLING PORT CONSISTING OF BLIND FLANGE WITH THREADED HOLE, 1" HDPE PIPE AND FITTINGS. USING 90 DEGREE ELBOWS, ROUTE PIPE SO THAT THE OPEN END IS FACING THE FLOOR AND SO THAT IT DOES NOT BLOCK OPERATION OF THE BALL VALVE.



ENLARGED PUMP STATION PLAN

SCALE: 1" = 10'



SCALE : 1" = 10'

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

ALTERED ON:

AFFIXED ON: 01/28/2026

SIGNATURE: STAMP:

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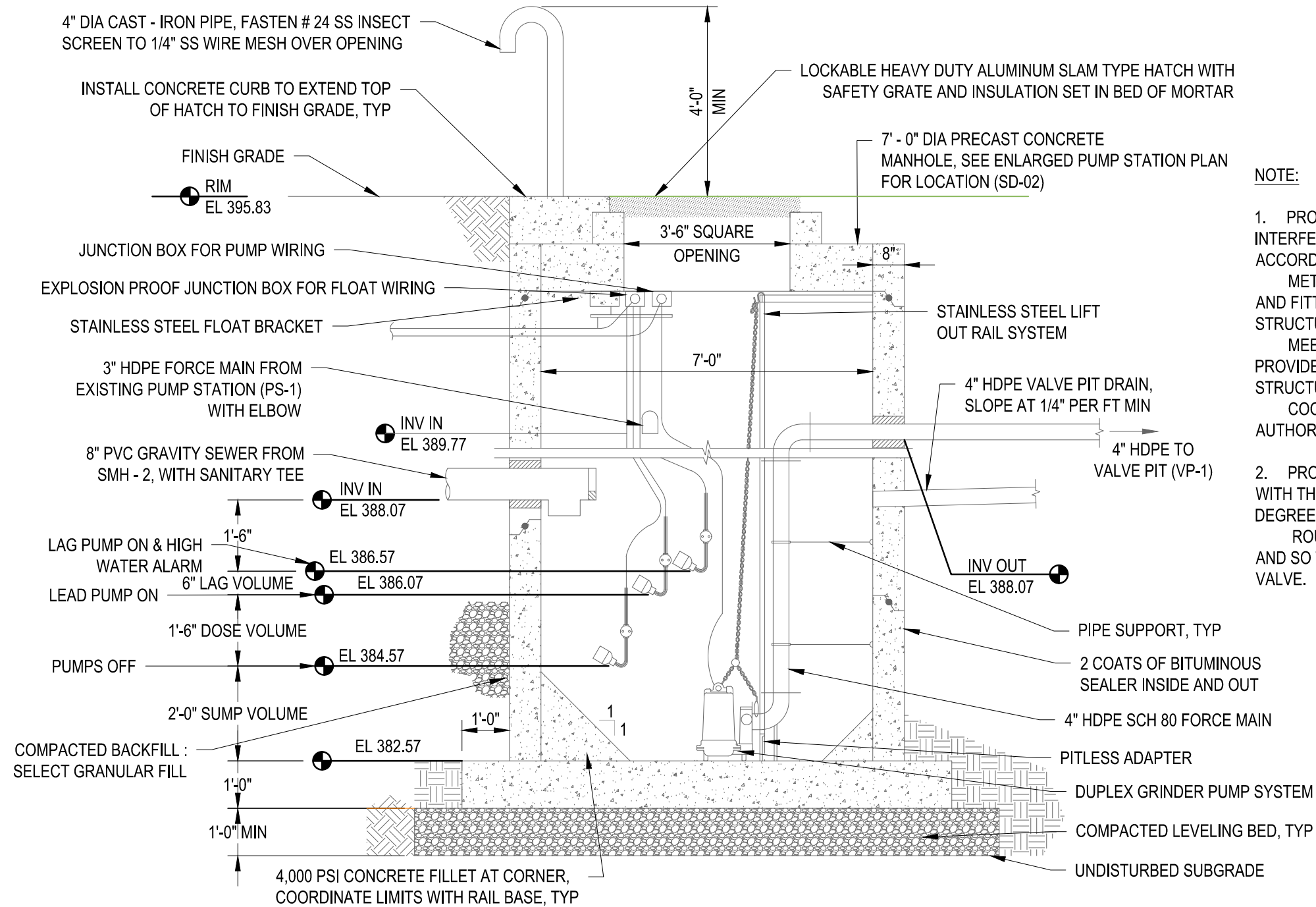


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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SYRACUSE, NY 13202
PHONE: 315.422.5200
COLLIERS ENGINEERING & DESIGN
ARCHITECTURE, LANDSCAPE, SURVEYING, E.T.C.

TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PUMP STATION DETAILS PUMP STATION (PS-1) PLAN VIEW	DRAWING NUMBER: SD-01



NOTE:

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A GRINDER PUMP STATION (PS-2) SECTION VIEW
NOT TO SCALE

CHECKED BY: DRAFTED BY: CHECKED BY: DESIGNED BY: DESIGN SUPERVISOR:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
	LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
	TITLE OF DRAWING PUMP STATION DETAILS PUMP STATION (PS-1) SECTION VIEW	DRAWING NUMBER: SD-02
	<small>120 MADISON ST. TOWER 2, STE. 500 SYRACUSE, NY 13202 PHONE: 315.422.5200 COLLIERS ENGINEERING & DESIGN ARCHITECTURE, LANDSCAPE, SURVEYING CT, P.C.</small>	

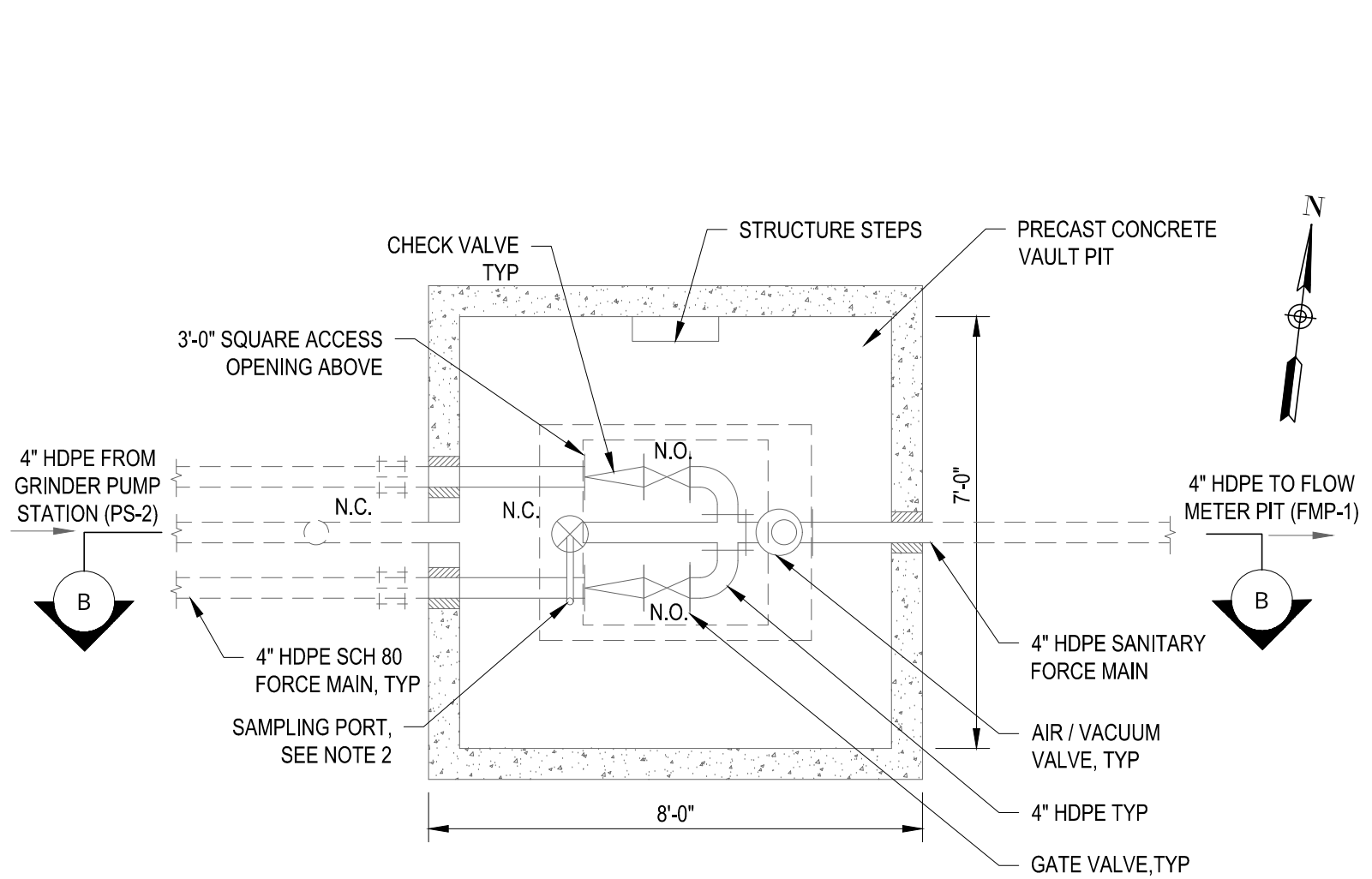
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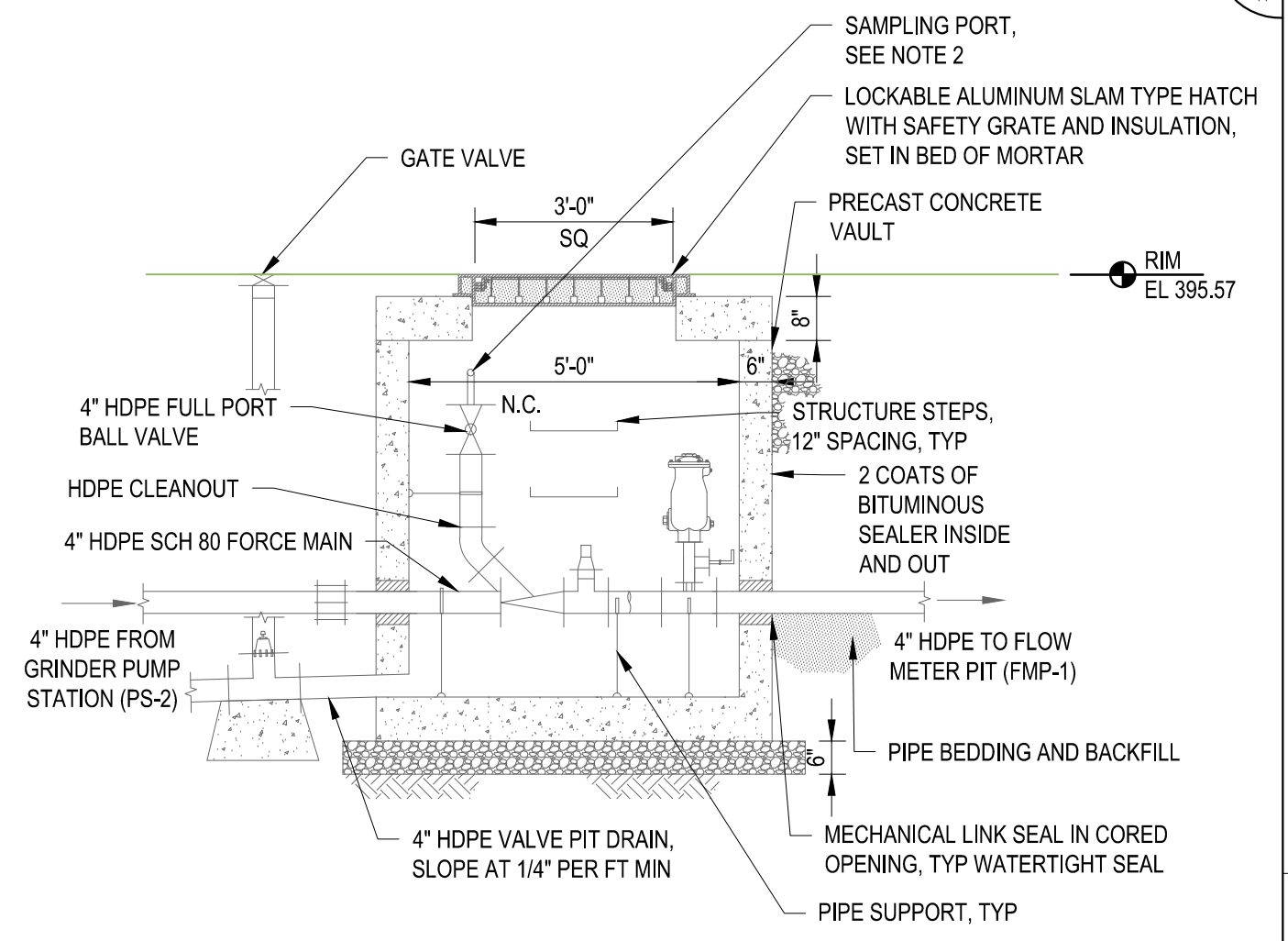
DESIGNED BY:

DESIGN SUPERVISOR:



VALVE PIT (VP-1) PLAN VIEW

NOT TO SCALE




VALVE PIT (VP-1) SECTION VIEW

B

NOT TO SCALE

NOTE:

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ALTERED ON:	AFFIXED ON: 01/28/2026
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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PUMP STATION DETAILS VAULT PIT (VP-1) SECTION & PLAN VIEW	DRAWING NUMBER: SD-03

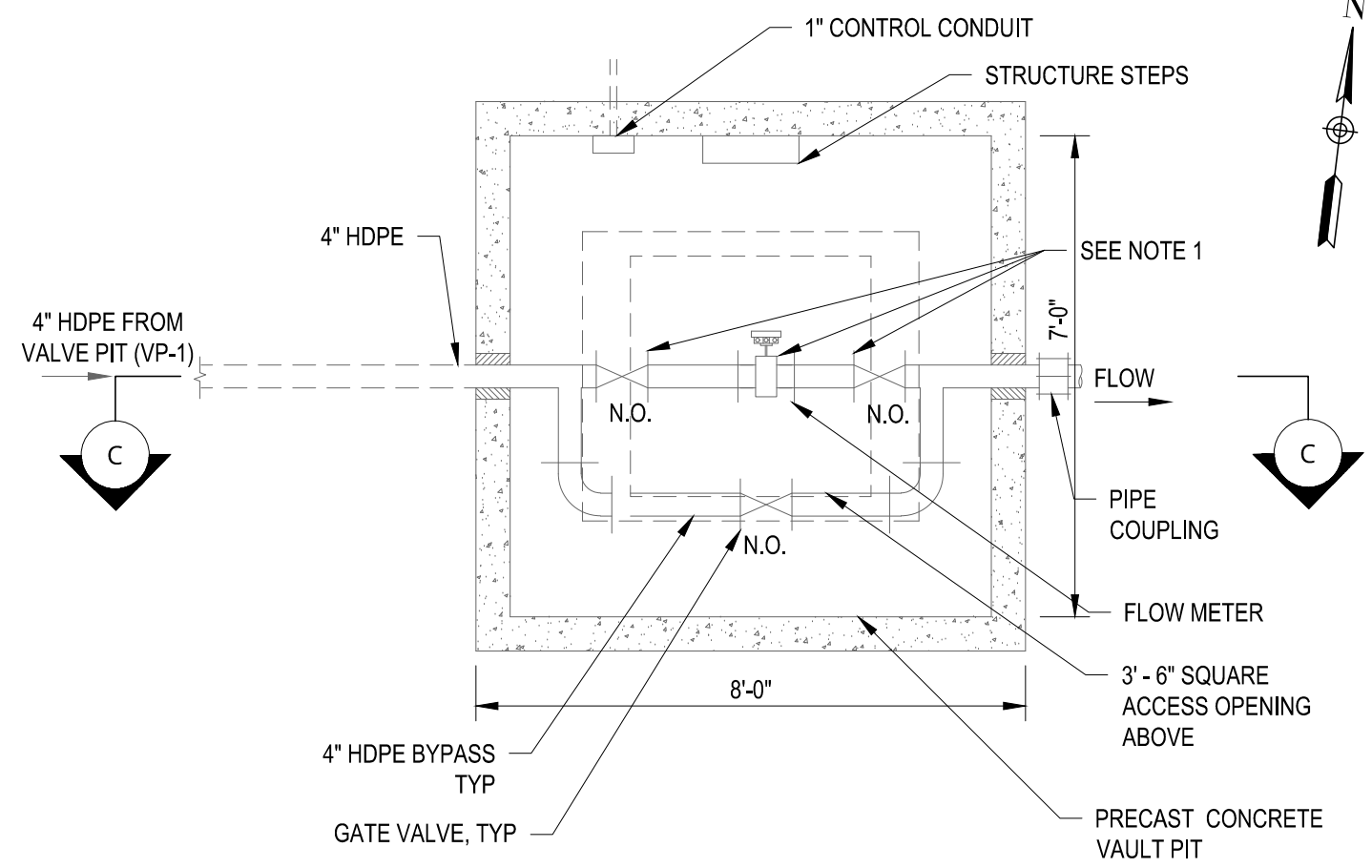
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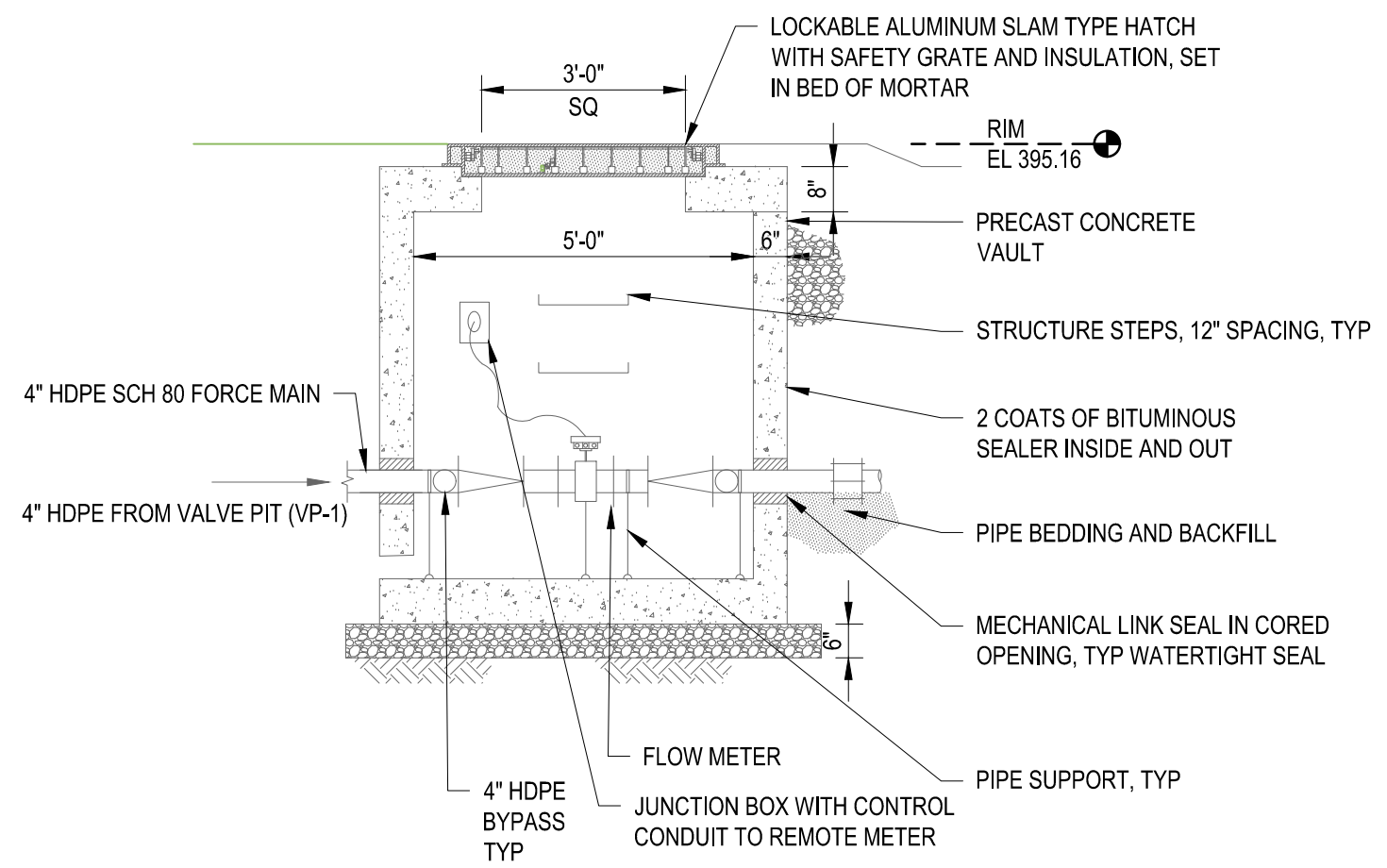
DESIGN SUPERVISOR:



FLOW METER PIT (FMP-1) PLAN VIEW


NOT TO SCALE

NOTE:



C FLOW METER PIT (FMP) SECTION VIEW

NOT TO SCALE

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PUMP STATION DETAILS SLOW METER PIT (FMP-1) SECTION & PLAN VIEW	DRAWING NUMBER: SD-04

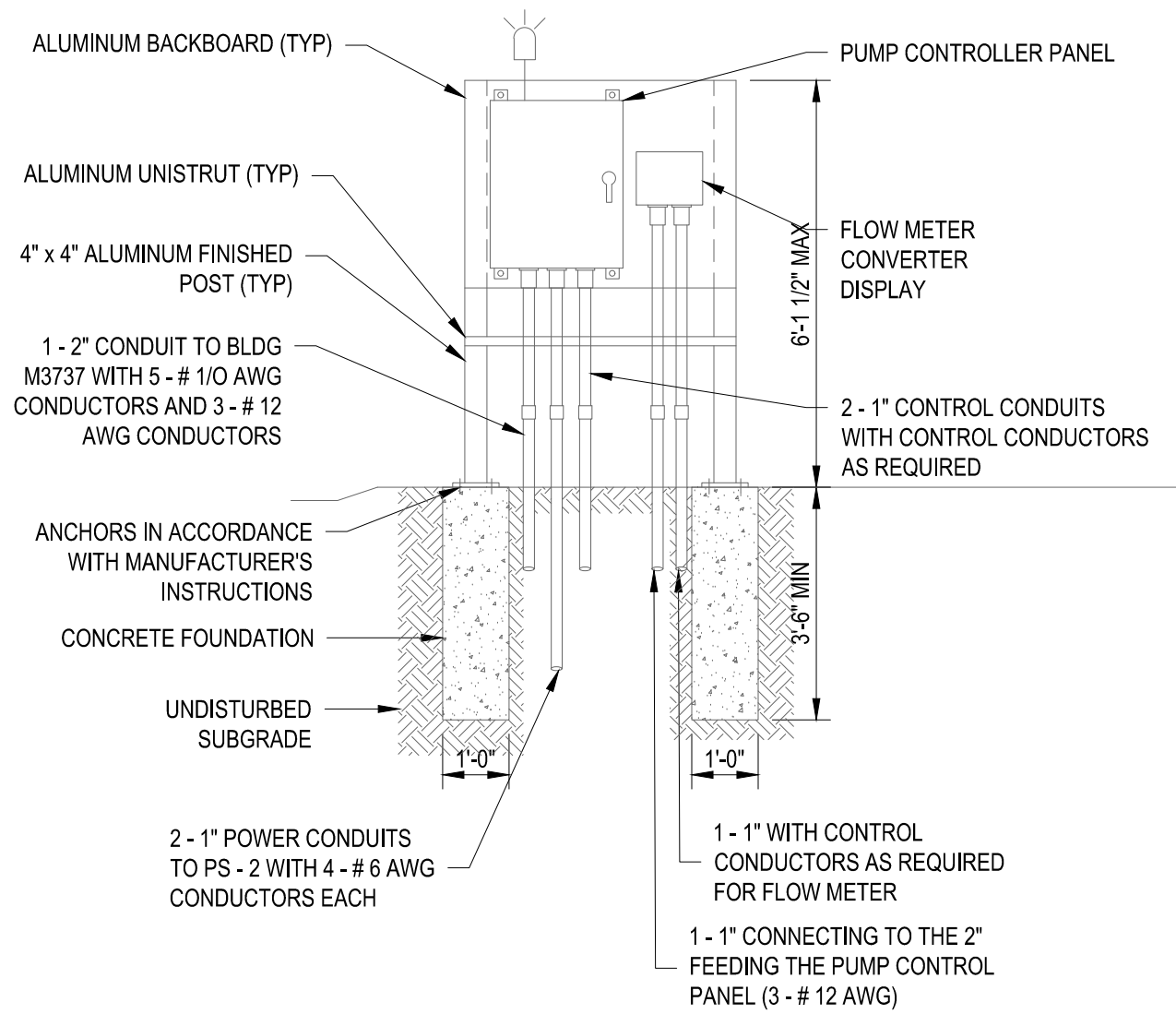
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NOTE:

1. PROVIDE MINIMUM DISTANCE BETWEEN FLOW METER AND INTERFERING ELEMENTS (VALVES, TEES, BEND, ETC .) IN ACCORDANCE WITH FLOW METER MANUFACTURER'S WRITTEN INSTRUCTIONS. VALVES AND FITTINGS MAY BE MOVED OUTSIDE OF FLOW METER PIT STRUCTURE TO MEET MINIMUM SEPARATION DISTANCE FROM FLOW METER. PROVIDE VALVE BOXES IF VALVES ARE MOVED OUTSIDE OF STRUCTURE. COORDINATE LOCATIONS OF VALVES AND FITTINGS WITH AUTHORITY.
2. PROVIDE SAMPLING PORT CONSISTING OF BLIND FLANGE WITH THREADED HOLE, 1" HDPE PIPE AND FITTINGS. USING 90 DEGREE ELBOWS, ROUTE PIPE SO THAT THE OPEN END IS FACING THE FLOOR AND SO THAT IT DOES NOT BLOCK OPERATION OF THE BALL VALVE.

GRINDER PUMP STATION (PS-2) CONTROL PANEL


NOT TO SCALE

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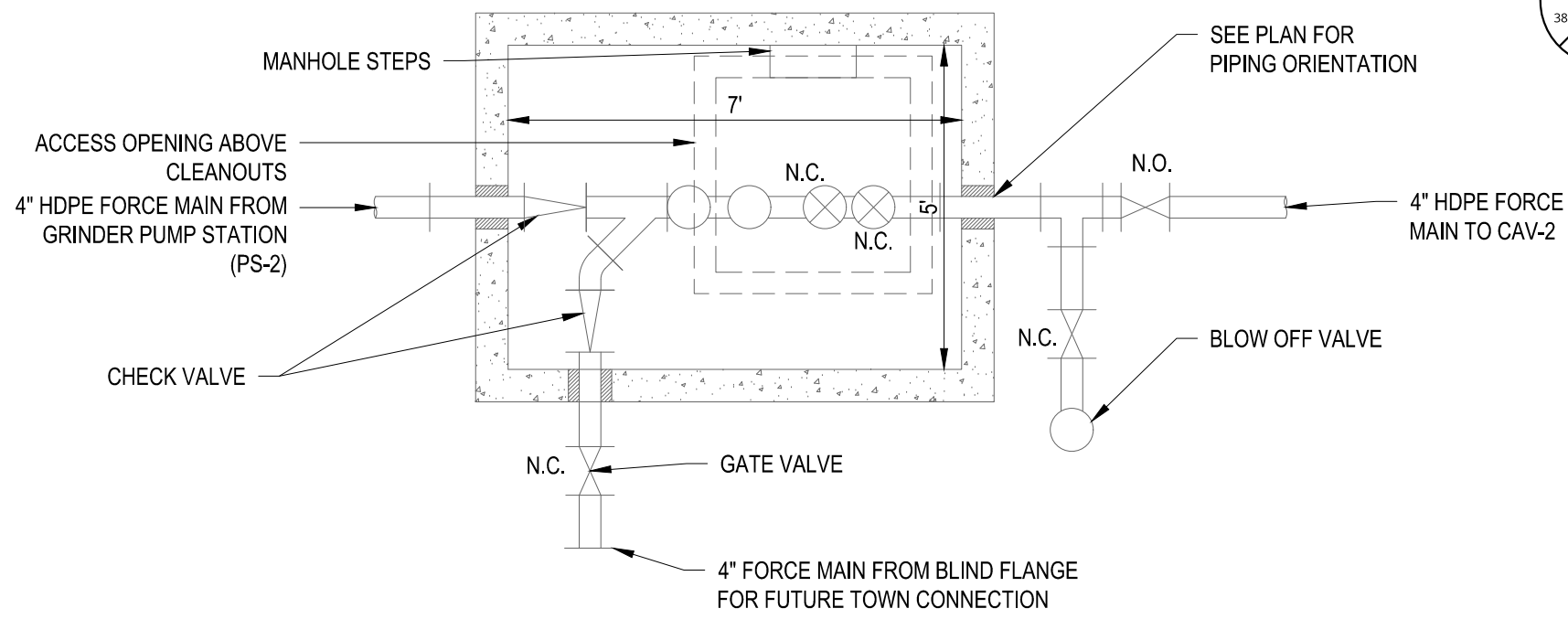
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DATE	DESCRIPTION	BY	SYM.





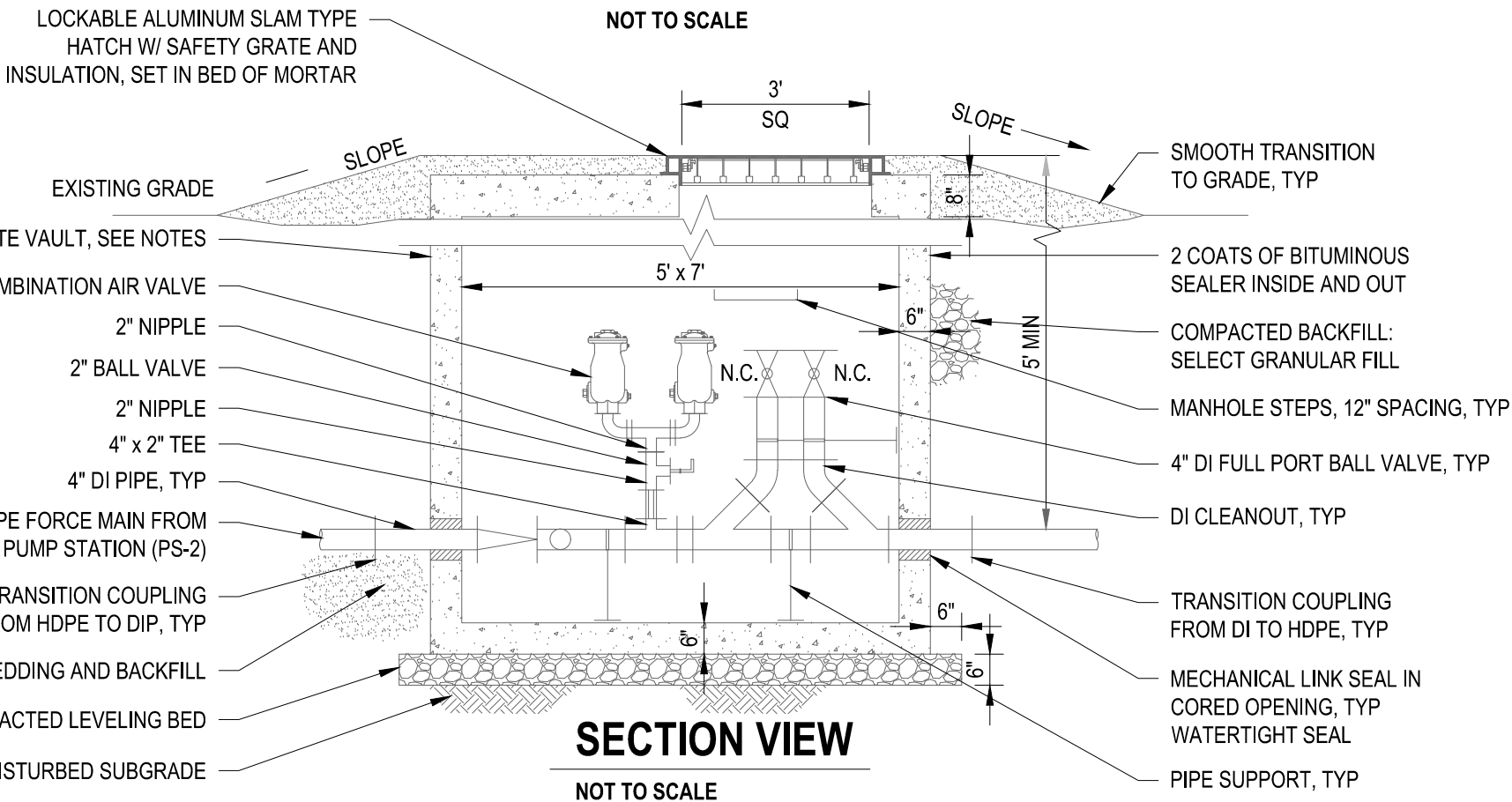
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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PUMP STATION DETAILS	DRAWING NUMBER: SD-05



PLAN VIEW

NOT TO SCALE



SECTION VIEW

NOT TO SCALE

COMBINATION AIR VALVE #1 (CAV-1)

NOT TO SCALE

NOTES:

1. DIMENSIONS VARY DEPENDING UPON MANUFACTURER STANDARD DESIGN.
2. SEE PLAN FOR PIPING ORIENTATION.
3. RIM ELEVATIONS SHALL BE 6" ABOVE ADJACENT GRADE.

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DESIGN SUPERVISOR:

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING COMBINATION AIR VALVE #1 (CAV-1)	DRAWING NUMBER: SD-06

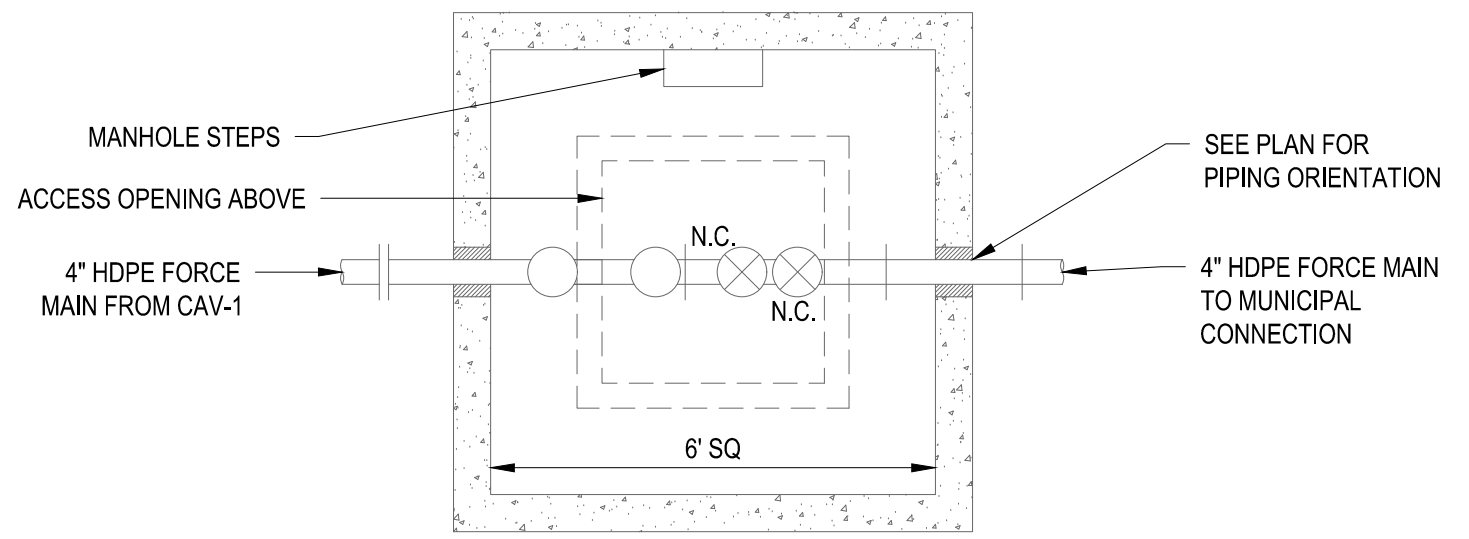
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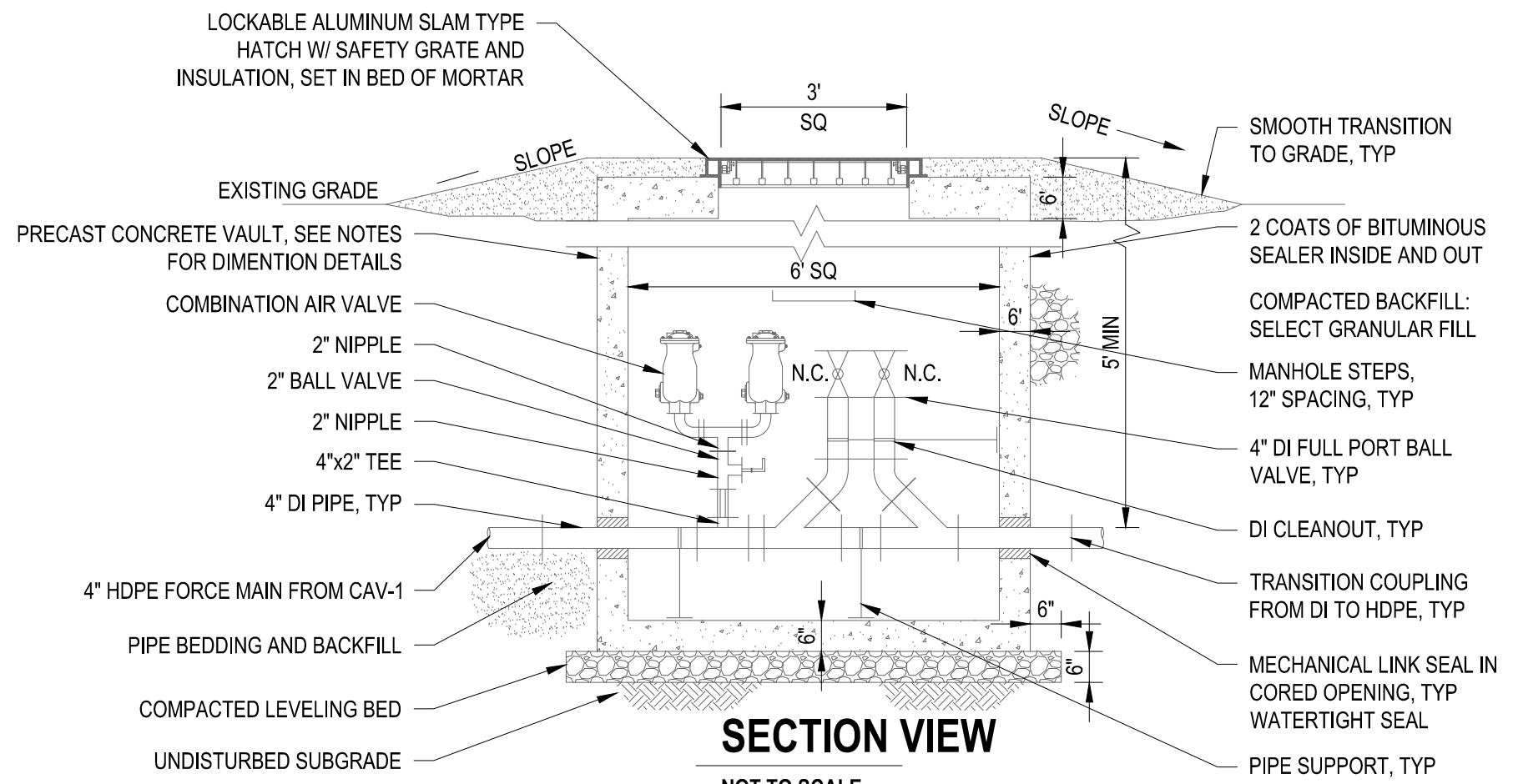


PLAN VIEW

NOT TO SCALE

NOTES:

1. DIMENSIONS VARY DEPENDING UPON MANUFACTURER STANDARD DESIGN.
2. SEE PLAN FOR PIPING ORIENTATION.
3. RIM ELEVATIONS SHALL BE 6" ABOVE ADJACENT GRADE.



SECTION VIEW

NOT TO SCALE

COMBINATION AIR VALVE #2 (CAV-2)

NOT TO SCALE

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING COMBINATION AIR VALVE #2 (CAV-2)	DRAWING NUMBER: SD-07

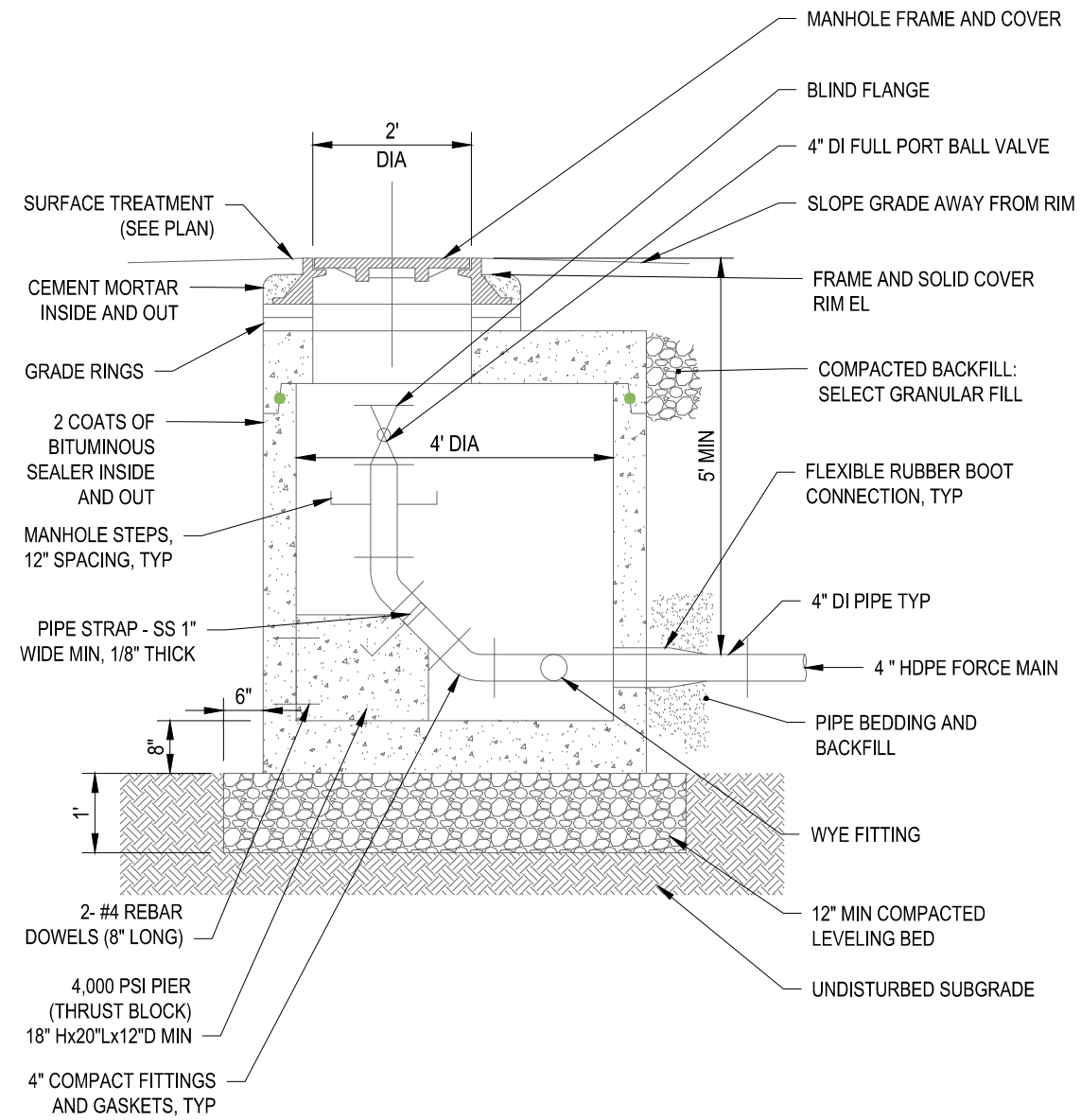
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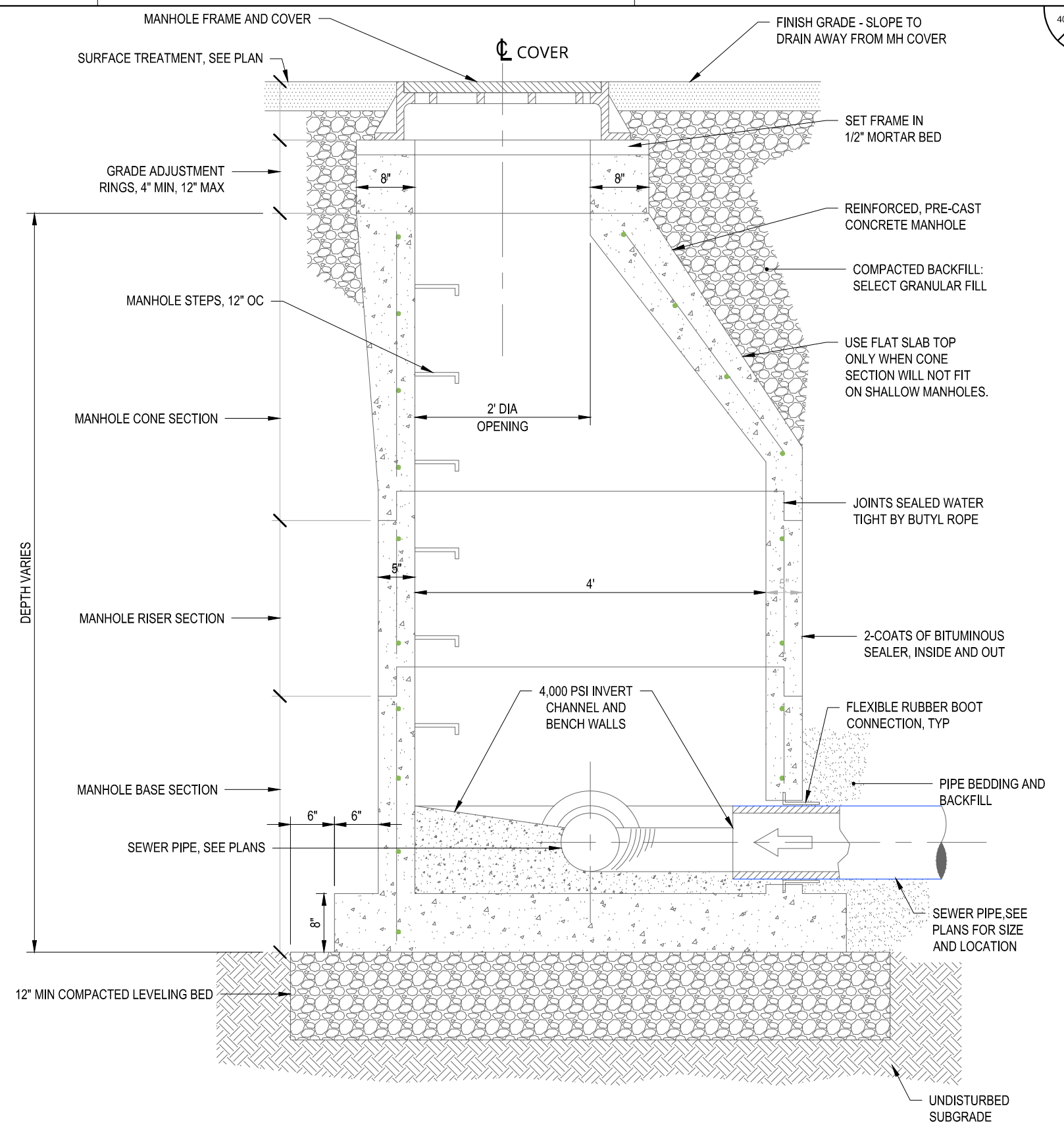
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CLEANOUT MANHOLE (COMH-1)
NOT TO SCALE



SANITARY MANHOLE
NOT TO SCALE

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING CLEANOUT MANHOLE (COMH-1) & SANITARY MANHOLE DETAILS	DRAWING NUMBER: SD-08

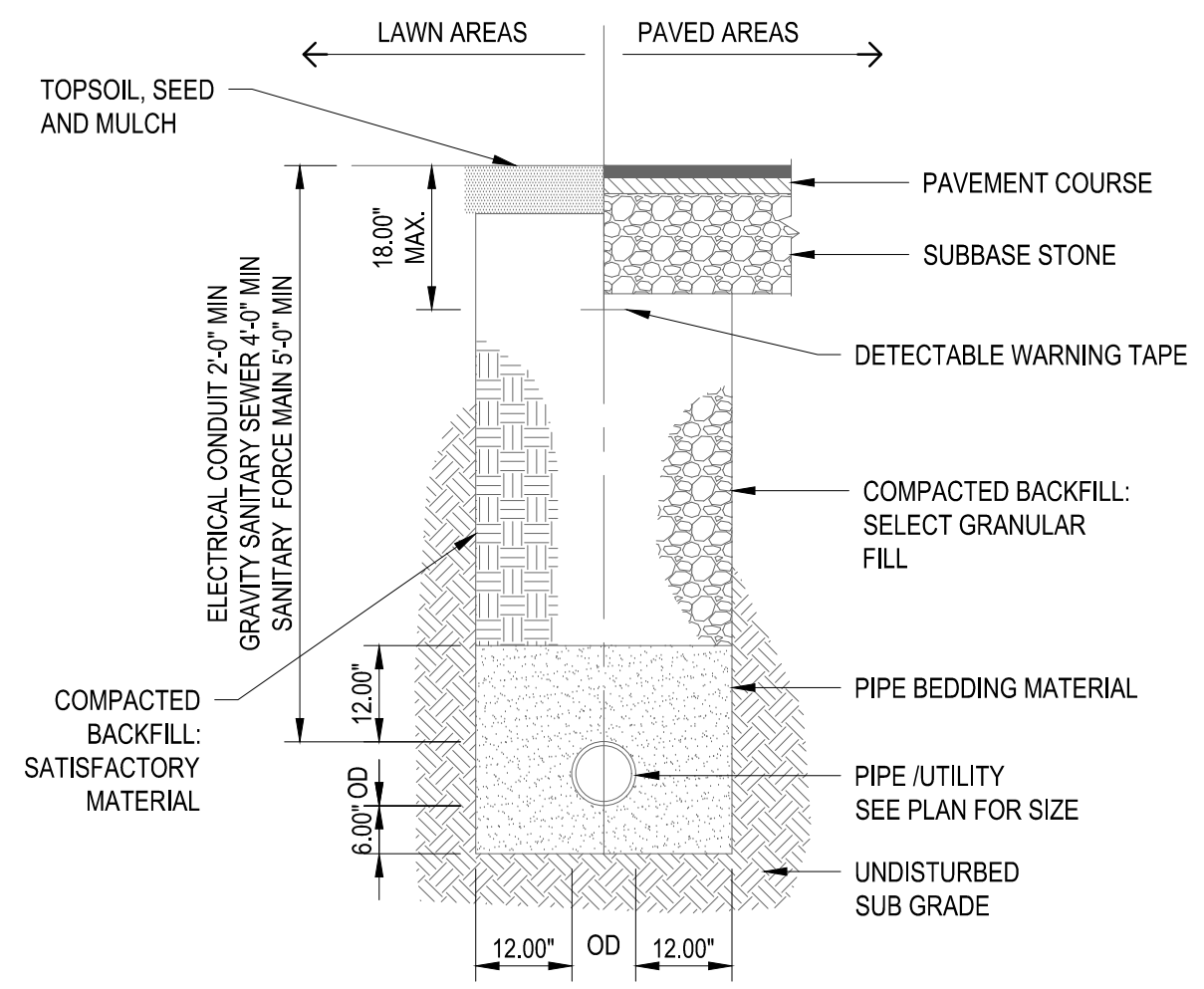
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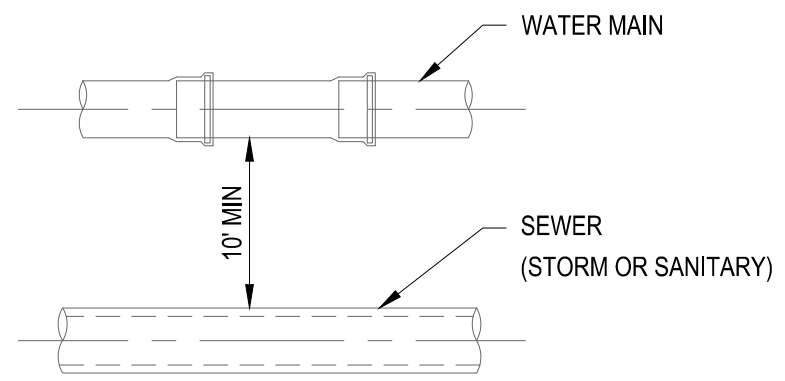
DESIGN SUPERVISOR:



NOTE:

1. UTILIZE TRENCH BOXES, SHEETING AND/OR SHIELDS FOR EXCAVATIONS IN ACCORDANCE WITH OSHA TRENCHING AND EXCAVATION REQUIREMENTS.

UTILITY TRENCH - OPENCUT (TYP)
NOT TO SCALE

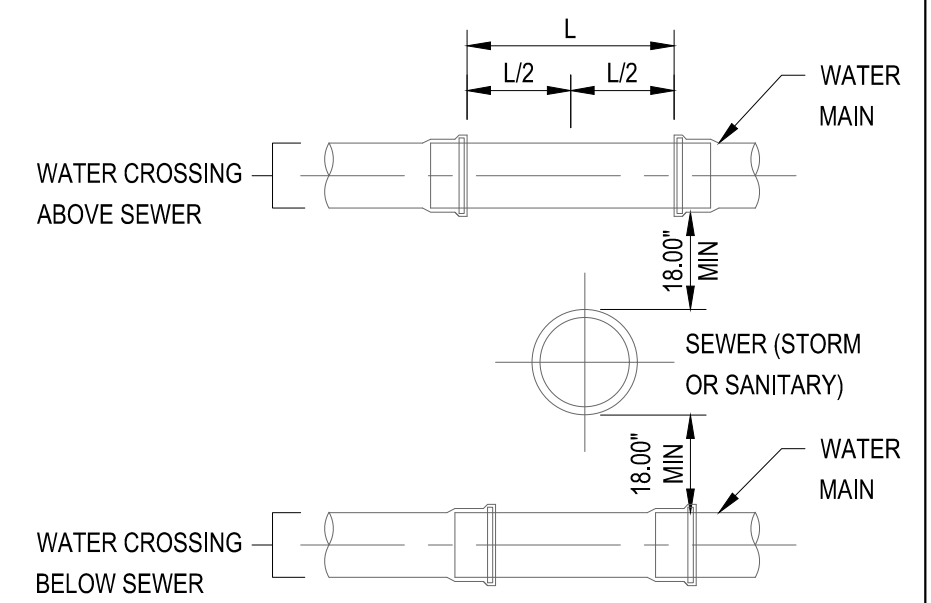


PLAN

WATER MAIN/SEWER
PARALLEL INSTALLATION

NOTES:


1. INSTALL WATER MAINS PARALLEL TO STORM AND/OR SANITARY SEWER. PIPES SHALL HAVE A MINIMUM OF 10- FEET HORIZONTAL SEPARATION (MEASURED EDGE OF PIPE TO EDGE OF PIPE).
2. WHEN 10- FEET HORIZONTAL SEPARATION CANNOT BE MAINTAINED, ENCASE THE WATER MAIN WITH FLOW ABLE FILL FOR 10- FEET ON BOTH SIDES OF THE CROSSING.
3. L REPRESENTS THE STANDARD PIPE LENGTH



ELEVATION

WATER MAIN/
SEWER CROSSING

WATER/SEWER CROSSING
NOT TO SCALE

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING SITE DETAILS	DRAWING NUMBER: SD-09

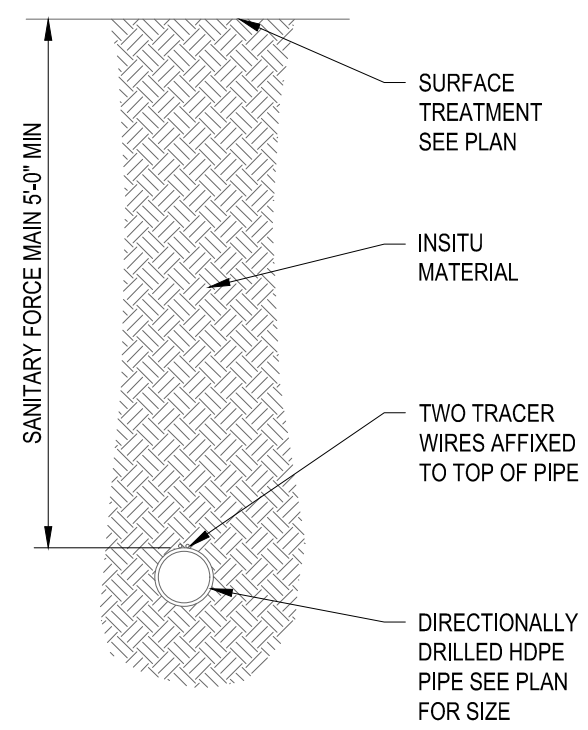
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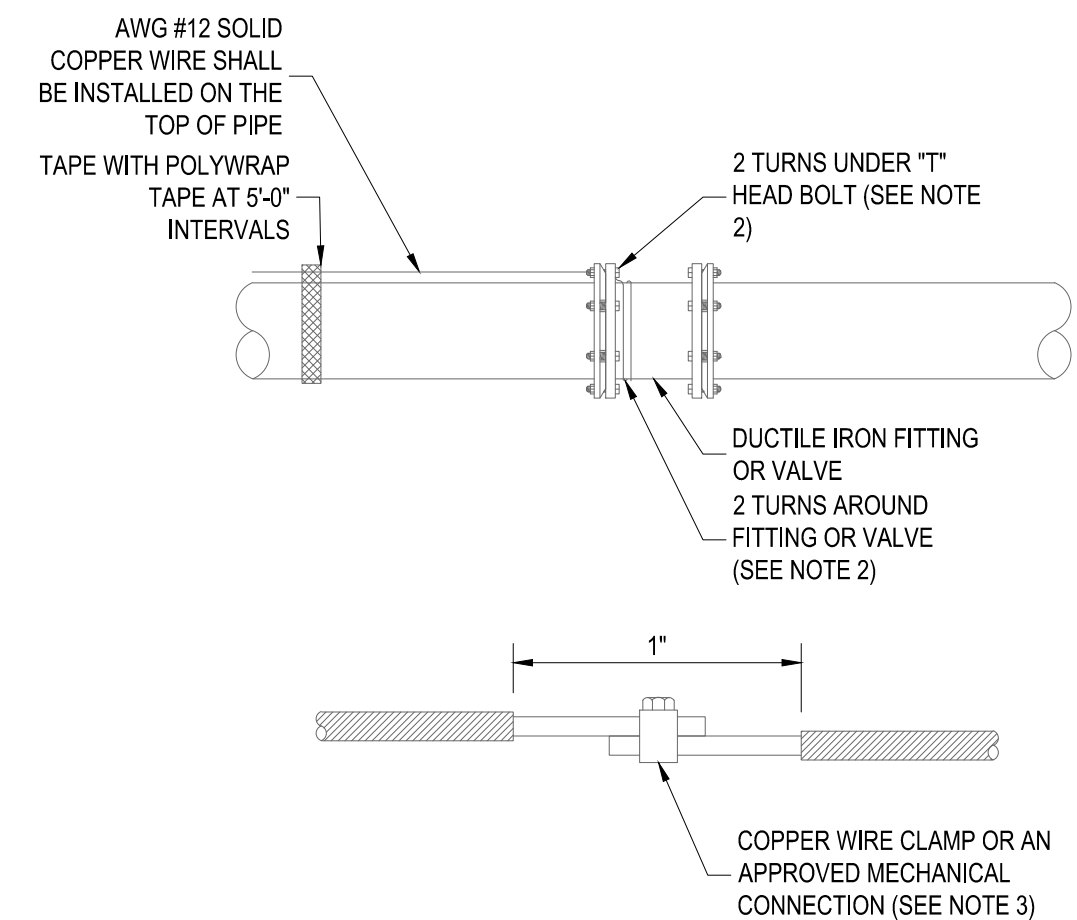
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DIRECTIONAL DRILL INSTALLATION

NOT TO SCALE




NOTES:

1. USE #12 AWG SOLID PLASTIC COATED COPPER WIRE.
2. STRIP 2" OF COATING AND WRAP WIRE 2 TURNS UNDER "T" HEAD BOLT ON TOP OF DUCTILE IRON FITTING (VALVE). NEXT WRAP WIRE 2 TURNS AROUND BELL OF FITTING (VALVE) AND TAPE TO THE TOP OF PIPE AT 5' INTERVALS THE LENGTH OF PVC/HDPE PIPE TO THE TEST STATION.
3. WIRE SPLICING IS NOT PERMITTED UNLESS APPROVED BY ENGINEER. ALL SPLICES MUST BE MADE BY USING COPPER WIRE SPLICE, "U" BOLT ASSEMBLIES AND THEN WRAPPING WITH ELECTRICAL TAPE.
4. TEST STATIONS SHALL BE INSTALLED EVERY 500'. TEST STATIONS MAY INCLUDE VALVE BOXES, HYDRANTS, SERVICE BOXES, ETC.


TRACER WIRE INSTALLATION

NOT TO SCALE

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING SITE DETAILS	DRAWING NUMBER: SD-10

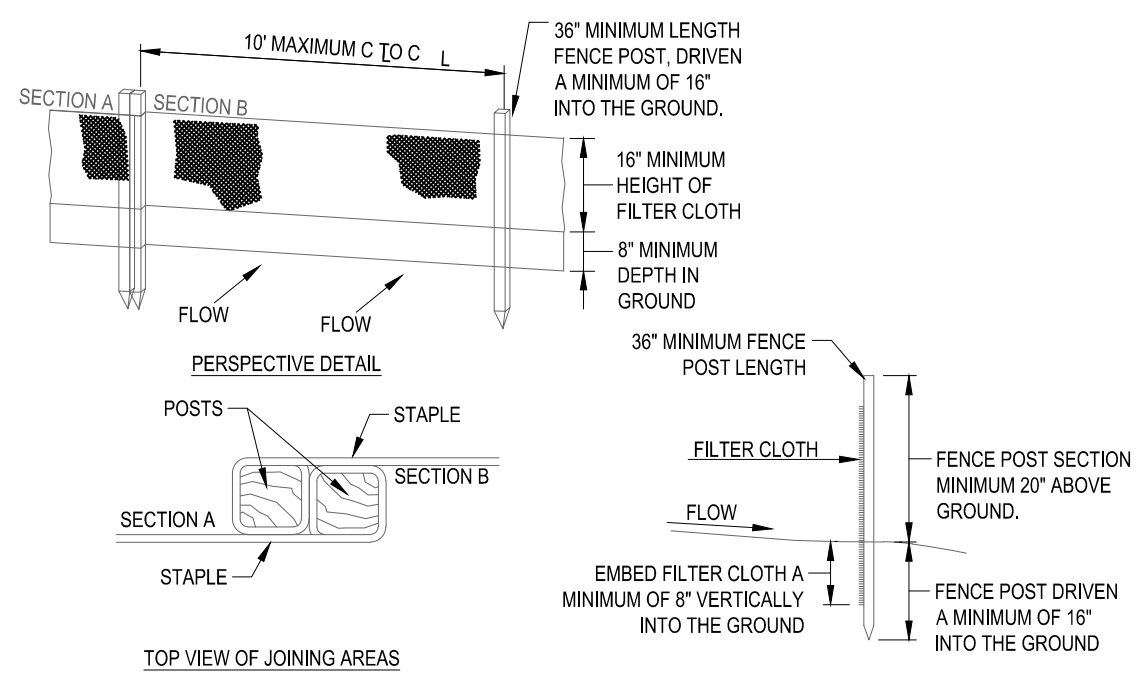
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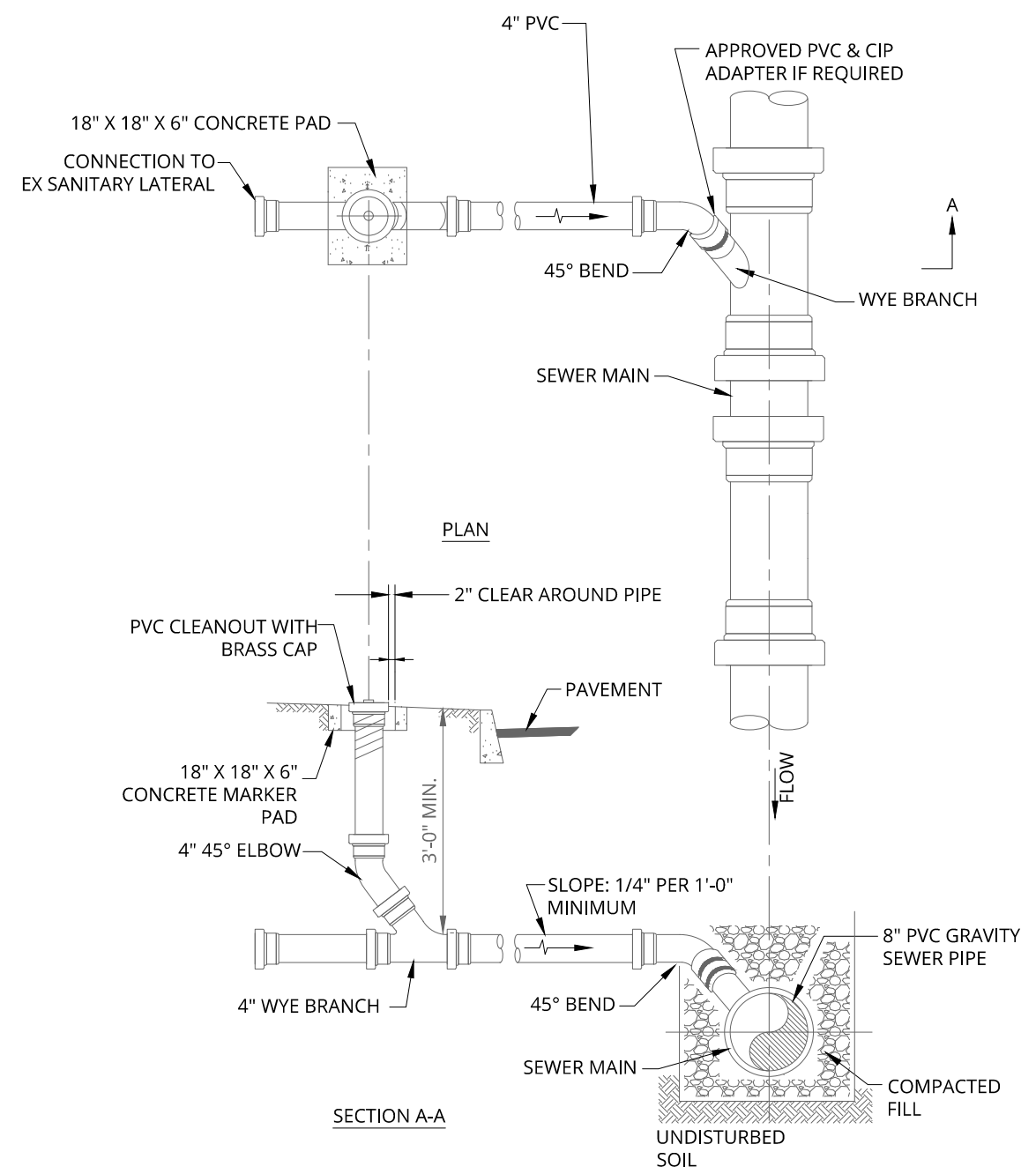


NOTES:

- WHERE ENDS OF THE FILTER CLOTH COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- ALL SILT FENCES SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE.
- THE AREA BELOW THE FENCE MUST BE UNDISTURBED OR STABILIZED.
- FENCE POSTS (FOR FABRIC UNITS): THE LENGTH SHALL BE A MINIMUM OF 36 INCHES LONG. WOOD POSTS 2 X 2 WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES WILL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHT NOT LESS THAN 1.00 POUND PER LINEAR FOOT.

SILT FENCE INSTALLATION

NOT TO SCALE



SANITARY SEWER LATERAL & CLEANOUT

NOT TO SCALE

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TITLE OF PROJECT CONSTRUCT MUNICIPAL SEWER AT MILEPOST 304.19	CONTRACT NUMBER: TAS 26-18A
LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING SITE DETAILS	DRAWING NUMBER: SD-11

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4" PIPE DATA SHEET		
4" FORCE MAIN	CARRIER PIPE	CASING PIPE
CONTENTS TO BE HANDLED	SANITARY SEWAGE	N/A
OPERATING PRESSURE	N/A	
NOMINAL SIZE OF PIPE	4"	
OUTSIDE DIAMETER	4.56"	
INSIDE DIAMETER	4"	
WALL THICKNESS	0.56"	
WEIGHT PER LINEAR FOOT	7.29 LBS/FT	
PIPE MATERIAL	HDPE	
PROCESS OF MANUFACTURE		
SPECIFICATION	AWWA C901, C906	
GRADE OR CLASS	DR-9	
TYPE OF JOINT	BUTT FUSED	
TYPE OF COATING	4710 RESIN	
CATHODIC PROTECTION	YES	
DETAILS OF SEAL OR AT ENDS OF CASING	RUBBER NEUPRON BOOT	
METHOD OF INSTALLATION	DIRECTIONAL DRILLING	

3" PIPE DATA SHEET		
3" FORCE MAIN	CARRIER PIPE	CASING PIPE
CONTENTS TO BE HANDLED	SANITARY SEWAGE	N/A
OPERATING PRESSURE	N/A	
NOMINAL SIZE OF PIPE	3"	
OUTSIDE DIAMETER	3.24"	
INSIDE DIAMETER	3"	
WALL THICKNESS	0.24"	
WEIGHT PER LINEAR FOOT	2.44 LBS/FT	
PIPE MATERIAL	HDPE	
PROCESS OF MANUFACTURE		
SPECIFICATION	AWWA C901, C906	
GRADE OR CLASS	DR-9	
TYPE OF JOINT	BUTT FUSED	
TYPE OF COATING	4710 RESIN	
CATHODIC PROTECTION	YES	
DETAILS OF SEAL OR AT ENDS OF CASING	N/A	
METHOD OF INSTALLATION	TRENCHING	

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LOCATION OF PROJECT WEEDSPORT MAINTENANCE SECTION	DATE: 01/16/2026
TITLE OF DRAWING PIPE DATA TABLE	DRAWING NUMBER: DT-01