

MULTI-FAMILY RESIDENTIAL DEVELOPMENT 3230-3238 MILLERSPORT HIGHWAY

TOWN OF AMHERST,

ERIE COUNTY,

NEW YORK



SITE LOCATION MAP
N.T.S.

PROJECT LEGEND

EXISTING FEATURES*		PROPOSED FEATURES*	
—●—	PROJECT BOUNDARY LINE	□	STORM CATCH BASIN
---	CENTERLINE	●	WATER VALVE
MB □	MAIL BOX	—SA—SA—	SANITARY SEWER LATERAL
▲	SIGN	—ST—ST—	STORM SEWER LINE
ELEC. M.H. [E]	ELECTRIC MANHOLE	—W—W—	WATERLINE
TELE. M.H. [T]	TELEPHONE MANHOLE	▽	SIGN
—SA—○—SA—	SANITARY MANHOLE & LINE	× 575.75	SPOT ELEVATION
—	WATER LINE	→	FLOW DIRECTION
UP	UTILITY POLE	□	INLET PROTECTION
WV [X]	WATER VALVE	—○—	SILT SOCK
HYD	HYDRANT	[Grid]	STABILIZED CONSTRUCTION ENTRANCE
G	GAS LINE		
OH	OVERHEAD WIRES		

* WHERE APPLICABLE



METZGER CIVIL ENGINEERING, PLLC

SCHEDULE OF DRAWINGS:

SHEET NO	DRAWING	DESCRIPTION
1	CS-1	COVER SHEET
2	---	WM. SCHUTT ASSOCIATES BOUNDARY SURVEY
3	---	360 LAND SURVEYING TOPOGRAPHY SURVEY
4	DP-1	DEMOLITION PLAN
5	SP-1	SITE PLAN
6	GD-1	DRAINAGE & GRADING PLAN
7	UP-1	UTILITY PLAN
8	ESC-1	EROSION & SEDIMENT CONTROL PLAN
9	LP-1	LANDSCAPE PLAN
10	DT-1	SITE DETAILS
11	DT-2	UTILITY DETAILS
12	DT-3	MISCELLANEOUS DETAILS

OWNER:

EMILY'S GARDEN ESTATES, INC.
2217 SWEET HOME ROAD
AMHERST, NY 14228

CIVIL ENGINEER:

METZGER CIVIL ENGINEERING, PLLC.
8245 SHERIDAN DRIVE
WILLIAMSVILLE, NEW YORK 14221
PHONE: (716) 633-2601
FAX: (716) 633-2704
EMAIL: meteng@roadrunner.com

ARCHITECT:

FITTANTE ARCHITECTURE PC
PO BOX 3084
NIAGARA FALLS, NEW YORK 143043
PHONE: (716) 622-8737
EMAIL: jim@fittantearchitecture.com

TOWN OF AMHERST NOTES:
1) CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN CONSTRUCTION SPECIFICATIONS WHERE APPLICABLE AND/OR SUBJECT TO THE LATEST REVISIONS.

SCALE:	NTS
DATE:	JUNE 19, 2026
JOB NO:	M-2011
DRAWING NO:	CS-1
	SHEET 1

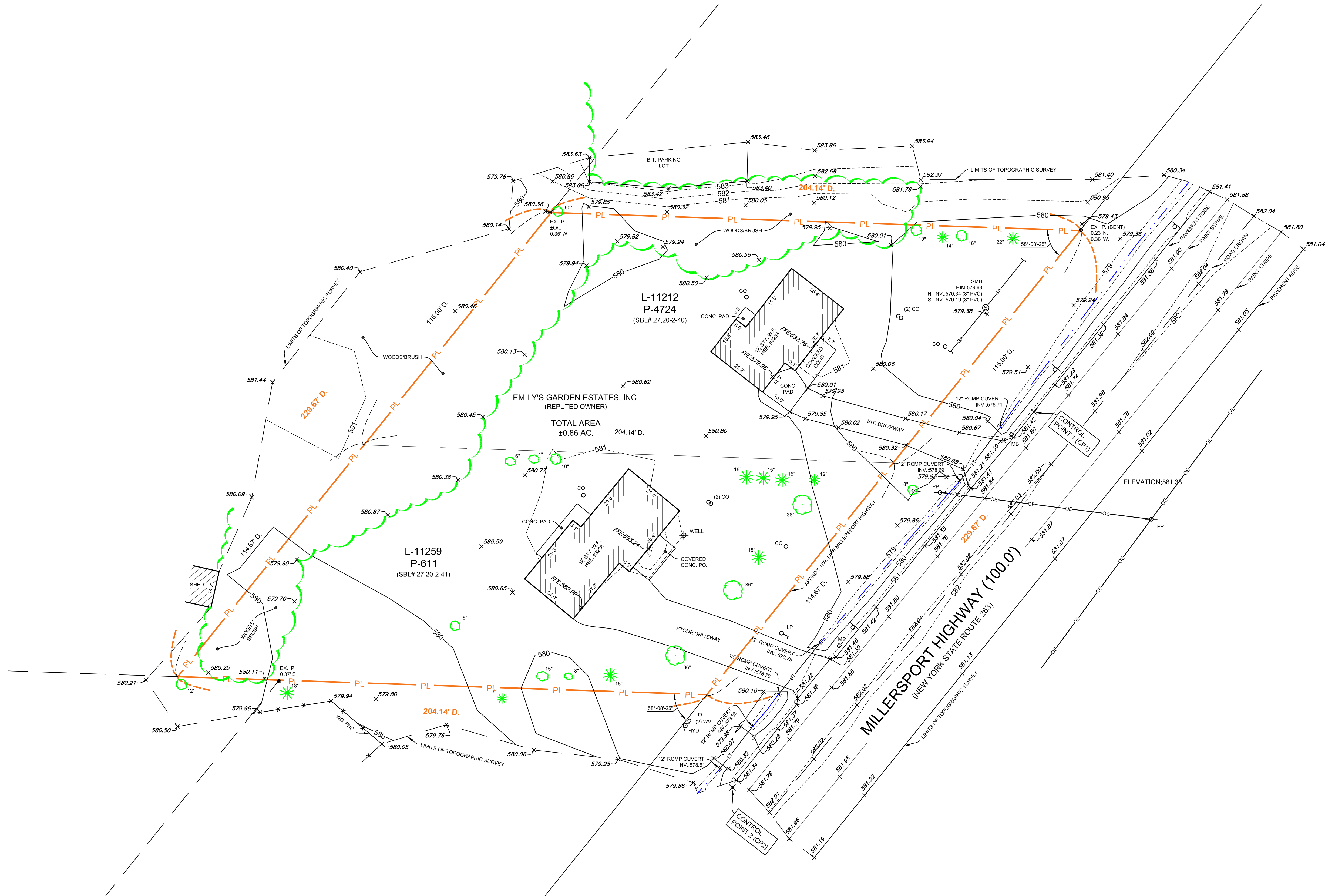


360° LAND SURVEY
 BOUNDARY TOPOGRAPHIC
 3D MODELING CONSTRUCTION
 PO Box 207
 Sanborn, New York 14132
 PHONE: (716) 561-4390
 FAX: (716) 567-4379
 WEBSITE: www.360landsurvey.com



LEGEND:

ACRES	AC.	
APPROXIMATE	APPROX.	
BITUMINOUS	BIT.	
CENTERLINE	CL	
CONCRETE	CONC.	
CONIFEROUS TREE W/ DIA.		18"
DECIDUOUS BUSH W/ DIA.		6"
DECIDUOUS TREE W/ DIA.		18"
DEED	D.	
DIAMETER	DIA.	
EAST	E.	
ELEVATION	ELEV	
END OF PIPE (CONTINUOUS)		
EXISTING	EX.	
FENCE	FNC.	
FIRST FLOOR ELEVATION	FFE:	
GUYWIRE		
HYDRANT	HYD.	
INVERT	INV.	
IRON PIPE	IP.	
LIBER	L	
LIGHTPOLE	LP	
MANHOLE	MH	
MAIL BOX	MB	
MEASURED	MS.	
NORTH	N.	
PAGE	P.	
POLYVINYL CHLORIDE	PVC	
PORCH	PO.	
ROUND CORRUGATED METAL PIPE	RCMP	
POWER POLE	PP	
SANITARY SEWER CLEAN OUT	CO	
SANITARY SEWER MANHOLE	SMH	
SIGN		
SOUTH	S.	
SPOT ELEVATION		0.00/0.00
STORY	STY.	
WATER VALVE	WV	
WEST	W.	
WOOD	WD.	
WOODFRAME	W.F.	
DRAINAGE DITCH		
FENCE LINE		
MAJOR CONTOUR LINE (5')	----	
MINOR CONTOUR LINE (1')	- - - -	
PROPERTY LINE	PL	
OVERHEAD ELECTRIC	-OE-	
SANITARY SEWER LINE	-SA-	
STORM SEWER LINE	-ST-	



CONTROL TABLE

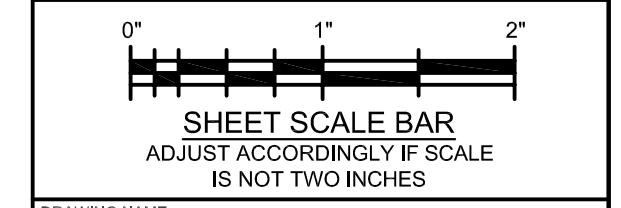
DESIGNATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP1	1104749.17	1103490.95	581.35	MAG NAIL SET ON ROAD SHOULDER
CP2	1104604.31	1103374.52	581.38	MAG NAIL SET ON ROAD SHOULDER



GENERAL NOTES

- THIS SURVEY WAS PREPARED FROM A FIELD SURVEY BY 360 LAND SURVEY, DPC., SEPTEMBER 27, 2025.
- PROPERTY LINES SHOWN ON THIS MAP HAVE NOT BEEN VERIFIED, THEY ARE SHOWN FROM SURVEYS PREPARED BY OTHERS PROVIDED BY THE CLIENT.
- HORIZONTAL DATUM: HORIZONTAL DATUM OF 1983 (NAD83), ESTABLISHED WITH GPS USING THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION REAL TIME NETWORK (NYSOT RTN), (US SURVEY FEET).
- VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), ESTABLISHED WITH GPS USING THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION REAL TIME NETWORK (NYSOT RTN), (US SURVEY FEET).
- UTILITIES SHOWN HEREON ARE FROM VISABLE FIELD EVIDENCE AT THE TIME OF FIELD WORK.

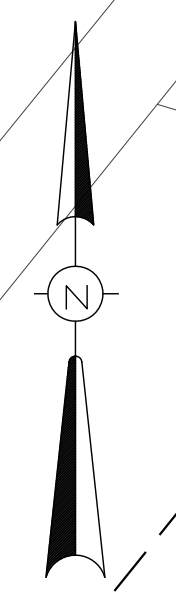
REV.	NOTE	DATE
	UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.	



DRAWING NAME:
TOPOGRAPHIC MAP

PROJ. NO. 25-421	SCALE 1"=20'
CREW MJM	DATE 9/27/2025
DWN DTH	CHK. MDW

- NOTES:
- EXISTING PAVEMENT SECTION WITHIN NYS DOT ROW SHALL BE REMOVED AND REPLACED WITH EMERGENCY ENTRANCE AND CULVERT IN ACCORDANCE WITH THESE PROJECT DOCUMENTS.
 - REMOVE EXISTING ASPHALT AND 12" CMP CULVERT AND RESTORE TO LAWN THROUGH DRAINAGE DITCH IN ACCORDANCE WITH NYS DOT SPECIFICATIONS UP TO THE RIGHT-OF-WAY.
 - A NYS DOT WORK PERMIT IS REQUIRED PRIOR TO ANY WORK WITHIN THE MILLERSPORT HIGHWAY ROW.
 - ALL NECESSARY DEMOLITION PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY DEMOLITION WORK.
 - ALL VEGETATION AND TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLAN (LP-1).
 - DEMOLITION OF STRUCTURES AND DISPOSAL OF MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE TOWN AND STATE REGULATIONS. ANY FOUNDATIONS, INCLUDING BASEMENTS, ARE TO BE COMPLETELY REMOVED AND BACKFILLED WITH SUITABLE GRANULAR FILL.
 - EXISTING UTILITY SERVICE CONNECTIONS (I.E. WATER, SANITARY SEWER, ETC.) SHALL BE REMOVED IN ACCORDANCE WITH ALL APPLICABLE TOWN, STATE AND UTILITY PROVIDER REGULATIONS. ANY UNDERGROUND SEWERAGE DISPOSAL SYSTEM, IF ENCOUNTERED, SHALL BE REMOVED AND BACKFILLED WITH SUITABLE GRANULAR FILL.
 - CONTRACTOR TO VERIFY IN FIELD LOCATION OF EXISTING SANITARY SEWER LATERALS.

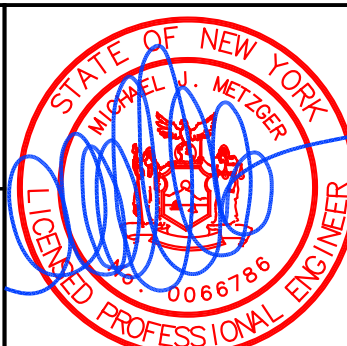


NOTES:
 1) BASED ON BOUNDARY SURVEYS BY McINTOSH & McINTOSH, P.C. DATED AUGUST 21, 2006 (3238 MILLERSPORT) AND FOIT-ALBERT ASSOCIATES DATED NOVEMBER 14, 2013 (3230 MILLERSPORT) AS WELL AS THE TOPOGRAPHY SURVEY BY 360 LAND SURVEY DATED SEPTEMBER 27, 2025.
 THIS IS NOT A PROPERTY SURVEY.

DESIGNED BY: JCM
 DRAWN BY: JCM
 CHECKED BY: LKM
 CAD FILE: M2011
 NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW

REVISIONS	DATE	BY/CHK

MCE METZGER CIVIL ENGINEERING, PLLC
 8245 SHERIDAN DR. WILLIAMSVILLE, NY 14221
 PH: 716-633-2601 FAX: 716-633-2704
 CIVIL ENGINEERING
 LAND PLANNING
 SITE DESIGN
 MUNICIPAL ENGINEERING

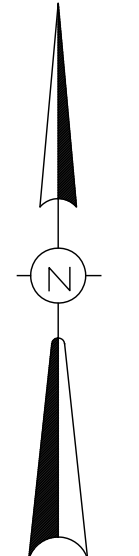
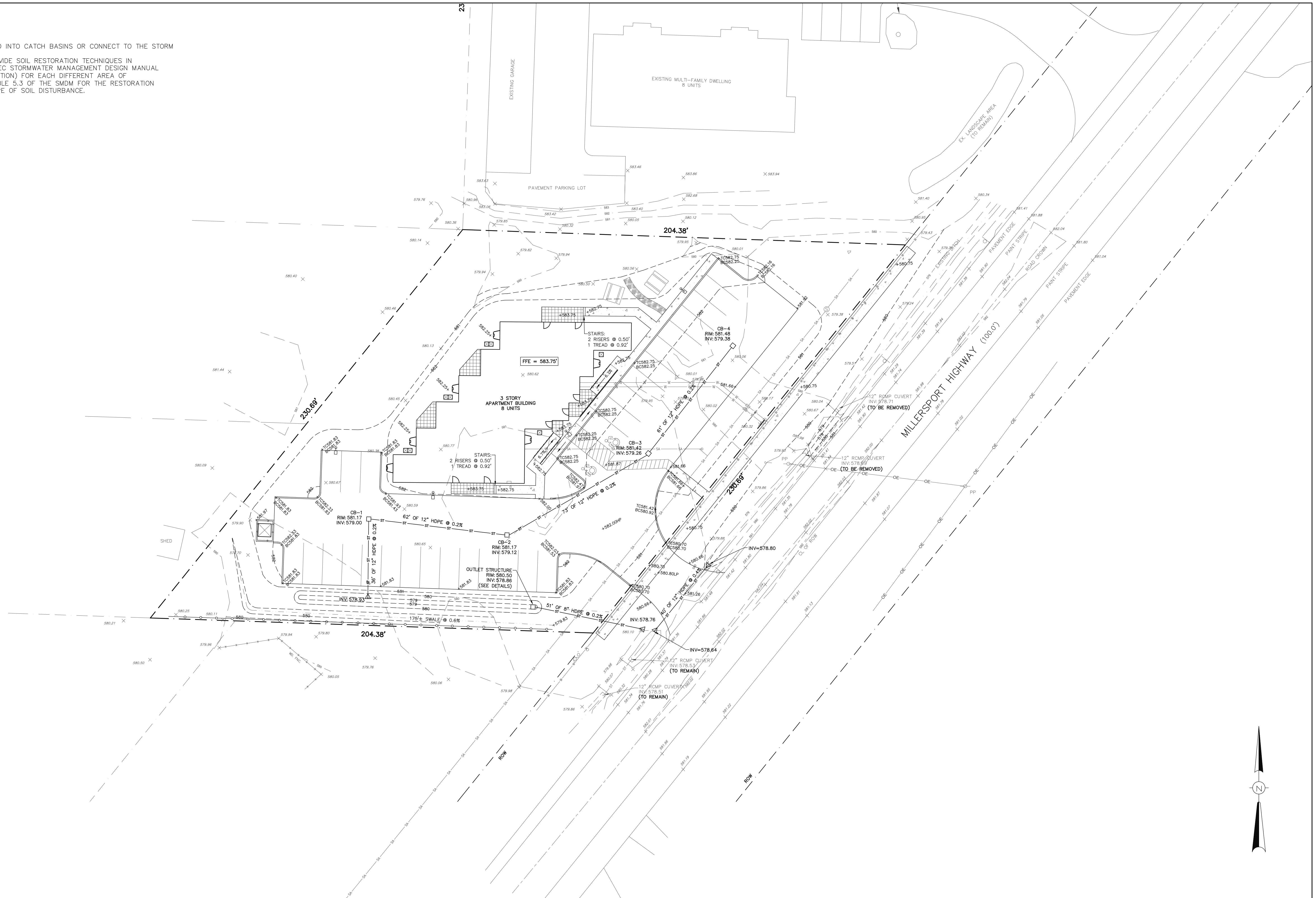


MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
 TOWN OF AMHERST, ERIE COUNTY, NEW YORK
DEMOLITION PLAN

SCALE: 1" = 20'
 DATE: JUNE 19, 2026
 JOB NO: M-2011
 DRAWING NO: DP-1 SHEET 4

I:\2026\3230-3238 Millersport Highway\3230-3238 Millersport Highway.dwg, 6/17/2026 10:55:04 AM, Andrew Metzger

- NOTES:
1. ROOF LEADERS SHALL BE TIED INTO CATCH BASINS OR CONNECT TO THE STORM PIPING VIA INSERTA TEES.
 2. THE CONTRACTOR SHALL PROVIDE SOIL RESTORATION TECHNIQUES IN ACCORDANCE WITH THE NYSDEC STORMWATER MANAGEMENT DESIGN MANUAL (SMDM) §5.1.6 (SOIL RESTORATION) FOR EACH DIFFERENT AREA OF DISTURBANCE. REFER TO TABLE 5.3 OF THE SMDM FOR THE RESTORATION REQUIREMENTS BASED ON TYPE OF SOIL DISTURBANCE.

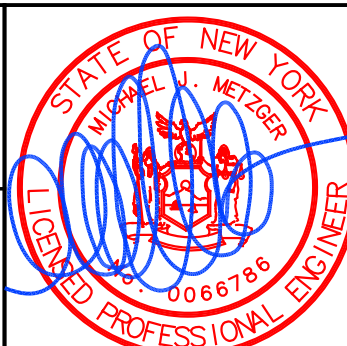


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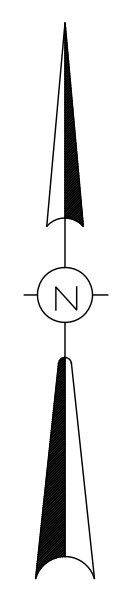
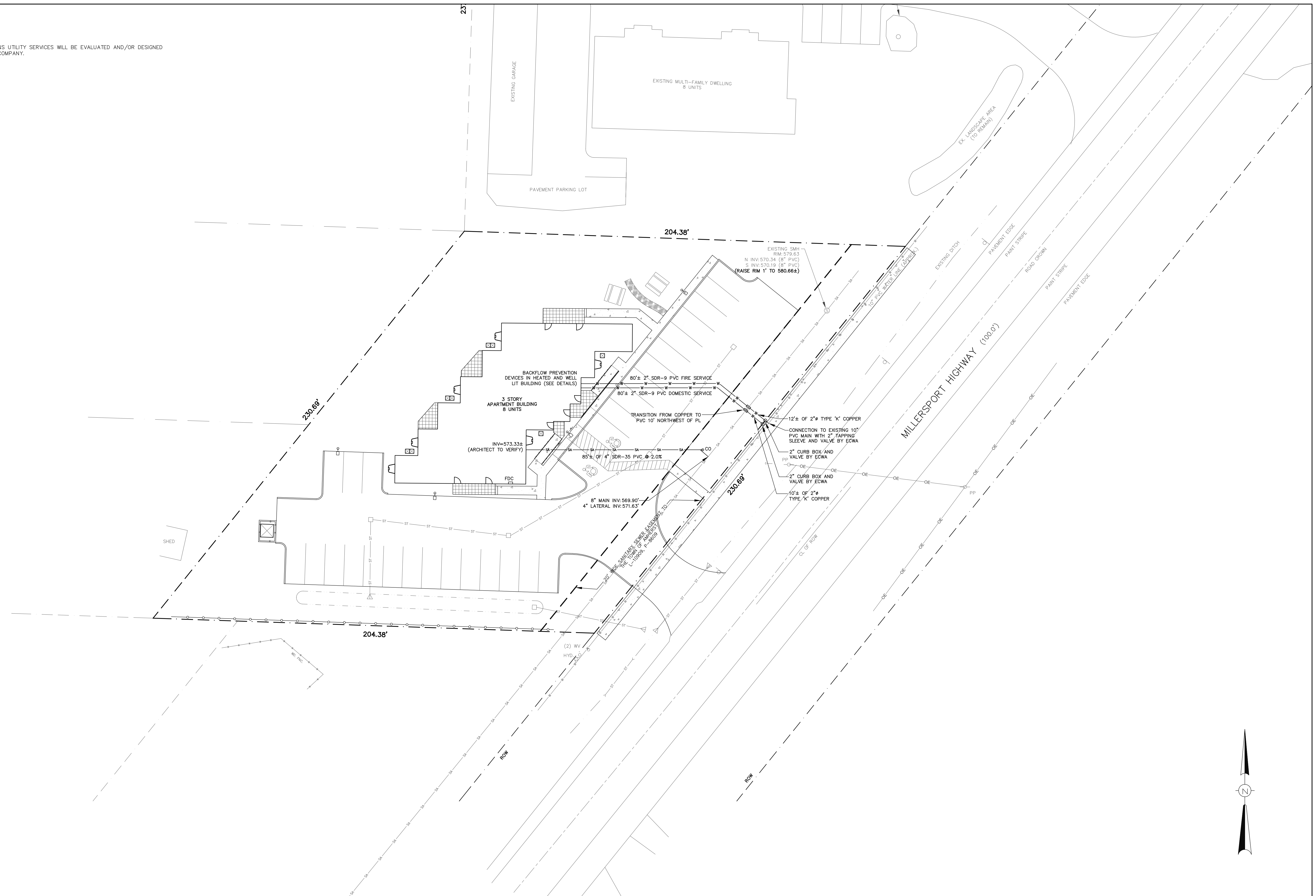


MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
 TOWN OF AMHERST, ERIE COUNTY, NEW YORK
GRADING & DRAINAGE PLAN

SCALE: 1" = 20'
 DATE: JUNE 19, 2026
 JOB NO: M-2011
 DRAWING NO: **GD-1**
 SHEET 6

UTILITY NOTES:

1. GAS, ELECTRIC AND TELECOMMUNICATIONS UTILITY SERVICES WILL BE EVALUATED AND/OR DESIGNED BY EACH RESPECTIVE PRIVATE UTILITY COMPANY.



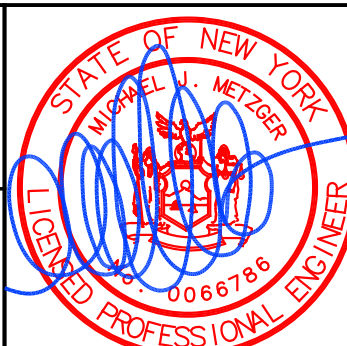
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 1) BASED ON BOUNDARY SURVEYS BY McINTOSH & McINTOSH, P.C. DATED AUGUST 21, 2006 (3238 MILLERSPORT) AND FOIT-ALBERT ASSOCIATES DATED NOVEMBER 14, 2013 (3230 MILLERSPORT) AS WELL AS THE TOPOGRAPHY SURVEY BY 360 LAND SURVEY DATED SEPTEMBER 27, 2025.
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 CHECKED BY: LKM
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 8245 SHERIDAN DR.
 WILLIAMSVILLE, NY 14221
 PH: 716-633-2601
 FAX: 716-633-2704

CIVIL ENGINEERING
 LAND PLANNING
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MULTI-FAMILY RESIDENTIAL DEVELOPMENT
 3230-3238 MILLERSPORT HIGHWAY
 TOWN OF AMHERST, ERIE COUNTY, NEW YORK

UTILITY PLAN

SCALE: 1" = 20'
 DATE: JUNE 19, 2026
 JOB NO: M-2011
 DRAWING NO:
 UP-1
 SHEET 7

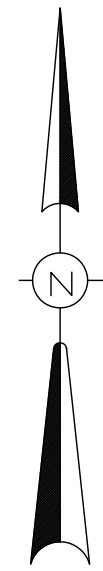
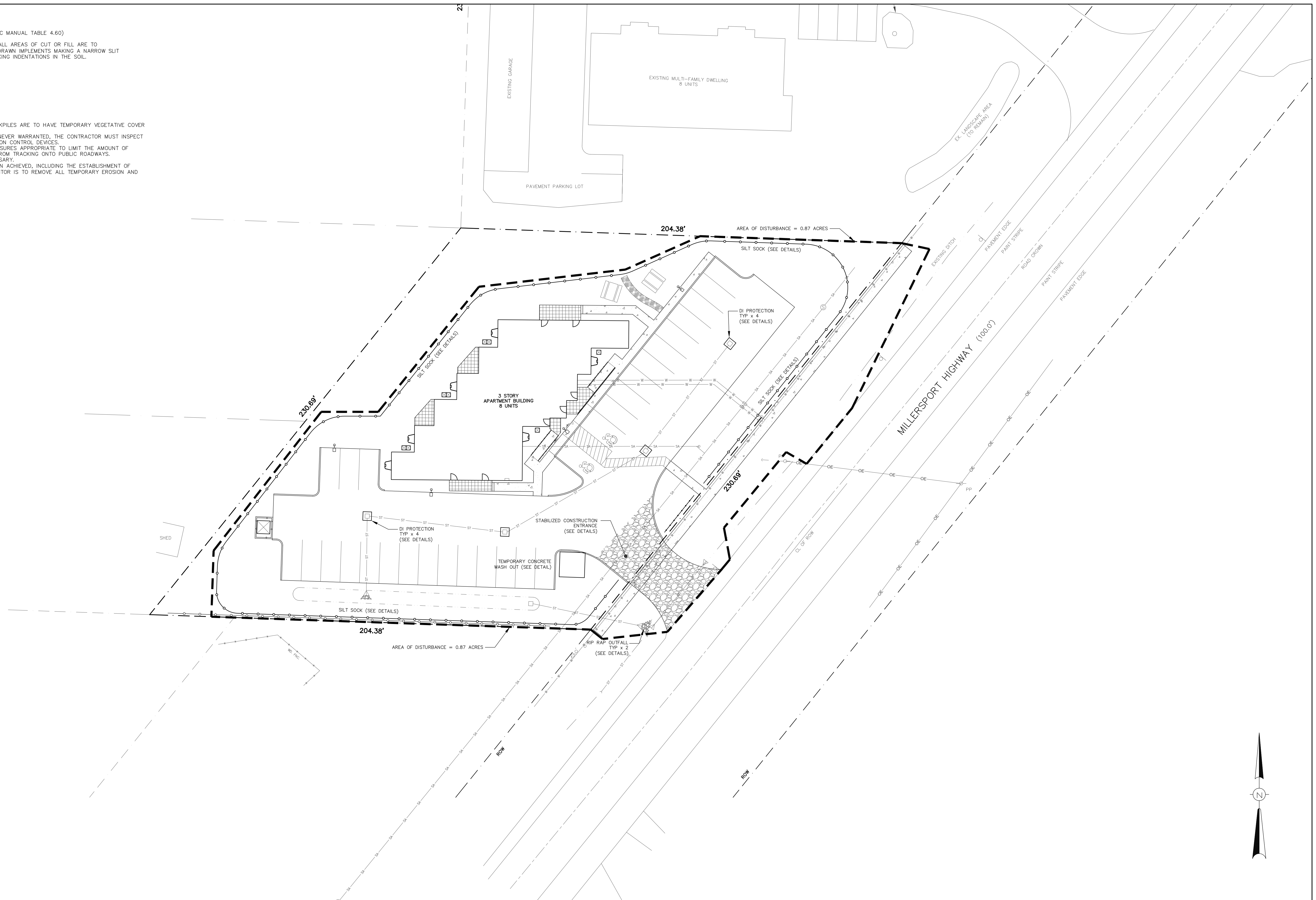
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SOIL RESTORATION REQUIREMENTS (PER ESC MANUAL TABLE 4.60)

1. PRIOR TO TOPSOILING AND SEEDING, ALL AREAS OF CUT OR FILL ARE TO "DE-COMPACTED" USING EQUIPMENT DRAWN IMPLEMENTS MAKING A NARROW SLIT OR A ROLLER WITH MANY SPIKES MAKING INDENTATIONS IN THE SOIL.

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL DISTURBED AREAS AND SITE STOCKPILES ARE TO HAVE TEMPORARY VEGETATIVE COVER ESTABLISHED WITHIN 14 DAYS.
2. AFTER EACH RAINFALL EVENT OR WHENEVER WARRANTED, THE CONTRACTOR MUST INSPECT AND IF NECESSARY, REPAIR ALL EROSION CONTROL DEVICES.
3. THE CONTRACTOR SHALL USE ALL MEASURES APPROPRIATE TO LIMIT THE AMOUNT OF SEDIMENTS, DIRT, MUD, AND STONES FROM TRACKING ONTO PUBLIC ROADWAYS. CONTINUOUS SWEEPING MAY BE NECESSARY.
4. AFTER "FINAL STABILIZATION" HAS BEEN ACHIEVED, INCLUDING THE ESTABLISHMENT OF COMPETENT VEGETATION, THE CONTRACTOR IS TO REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.



NOTES:

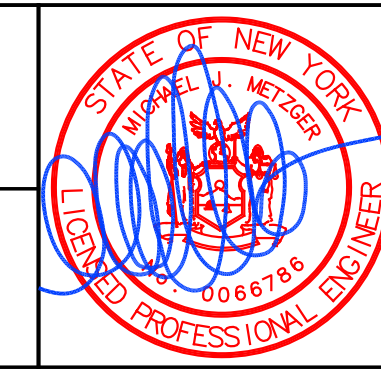
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DESIGNED BY:	JCM
DRAWN BY:	JCM
CHECKED BY:	LKM
CAD FILE:	M2011
NOTE:	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW

REVISIONS	DATE	BY/CHK

MCE METZGER CIVIL ENGINEERING, PLLC
 8245 SHERIDAN DR.
 WILLIAMSVILLE, NY 14221
 PH: 716-633-2601
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CIVIL ENGINEERING
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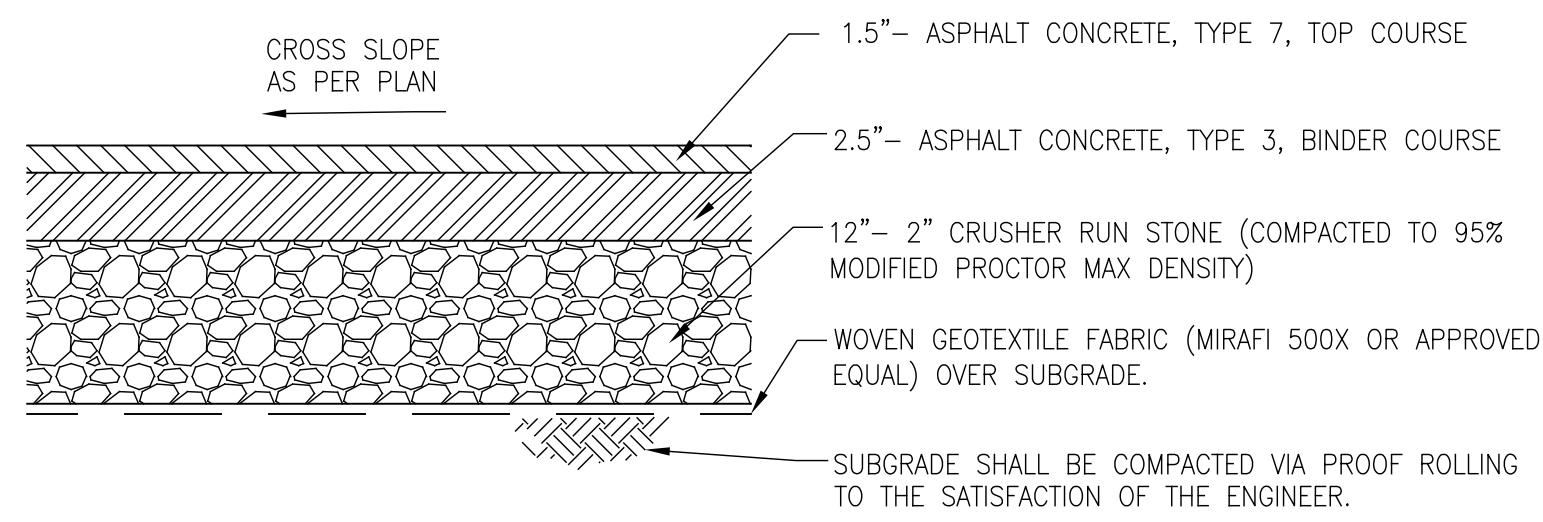


MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
 TOWN OF AMHERST, ERIE COUNTY, NEW YORK

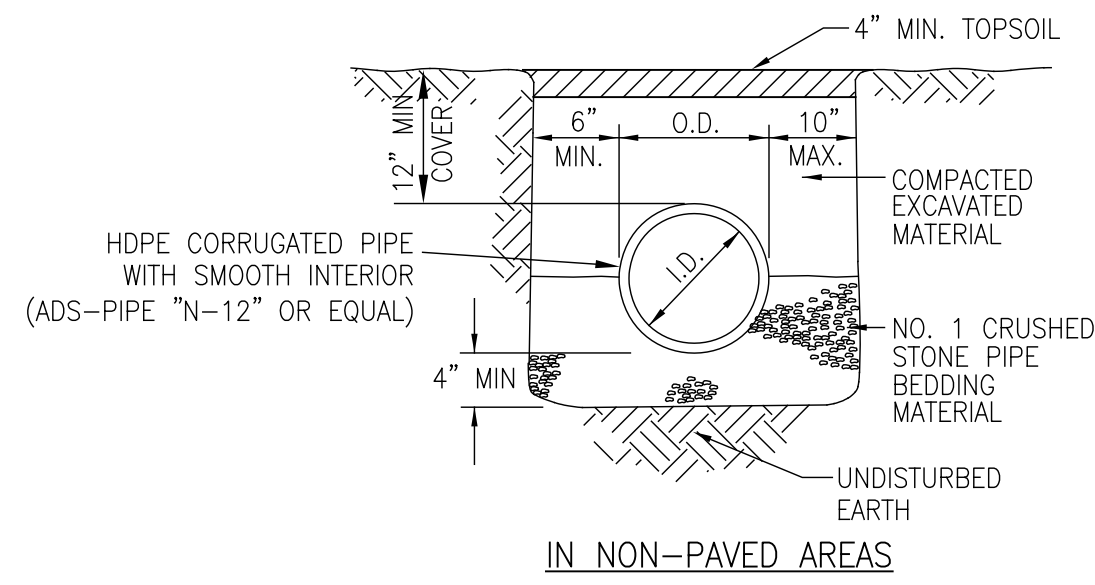
EROSION & SEDIMENT CONTROL PLAN

SCALE:	1" = 20'
DATE:	JUNE 19, 2026
JOB NO:	M-2011
DRAWING NO:	ESC-1
	SHEET 8

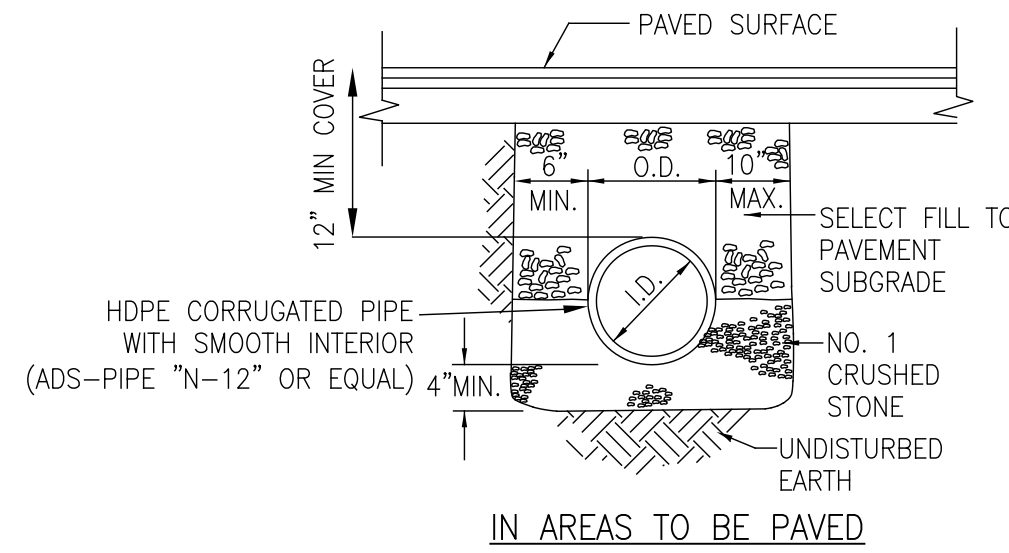
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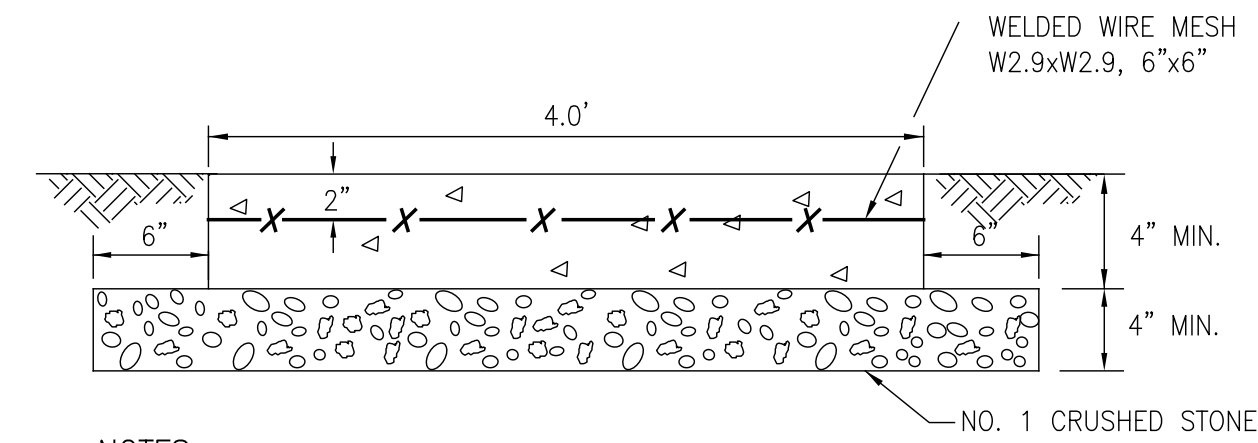
ASPHALT PAVING SECTION
N.T.S.



IN NON-PAVED AREAS



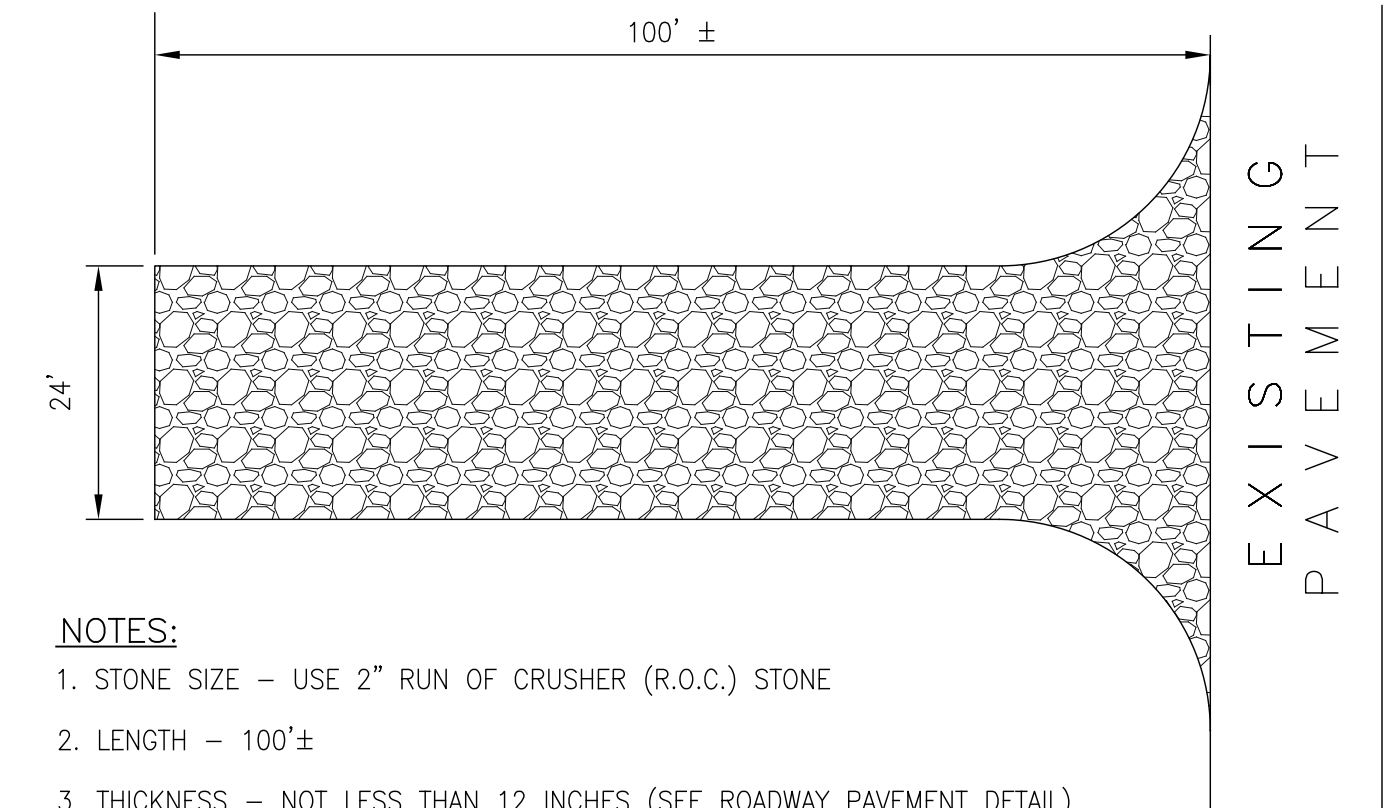
STORM SEWER TRENCH DETAILS
N.T.S.



NOTES

1. CONCRETE SHALL BE NYSDOT CLASS A, 3,500 PSI, AIR ENTRAINED, MAX. SLUMP 4"
2. WELDED WIRE MESH (WWM) SHALL BE W2.9xW2.9, 6"x6".
3. INSTALL TOOLED CONTROL JOINTS @ 4' INTERVALS.
4. INSTALL CONSTRUCTION JOINTS AT 20' SPACING MINIMUM.
5. PROVIDE LIGHT BROOM FINISH WITH 1/4" R. TOOLED EDGES.
6. ALL CONCRETE PLACED AS PART OF THIS CONTRACT SHALL BE SEALED AS SOON AS POSSIBLE AFTER INSTALLATION.

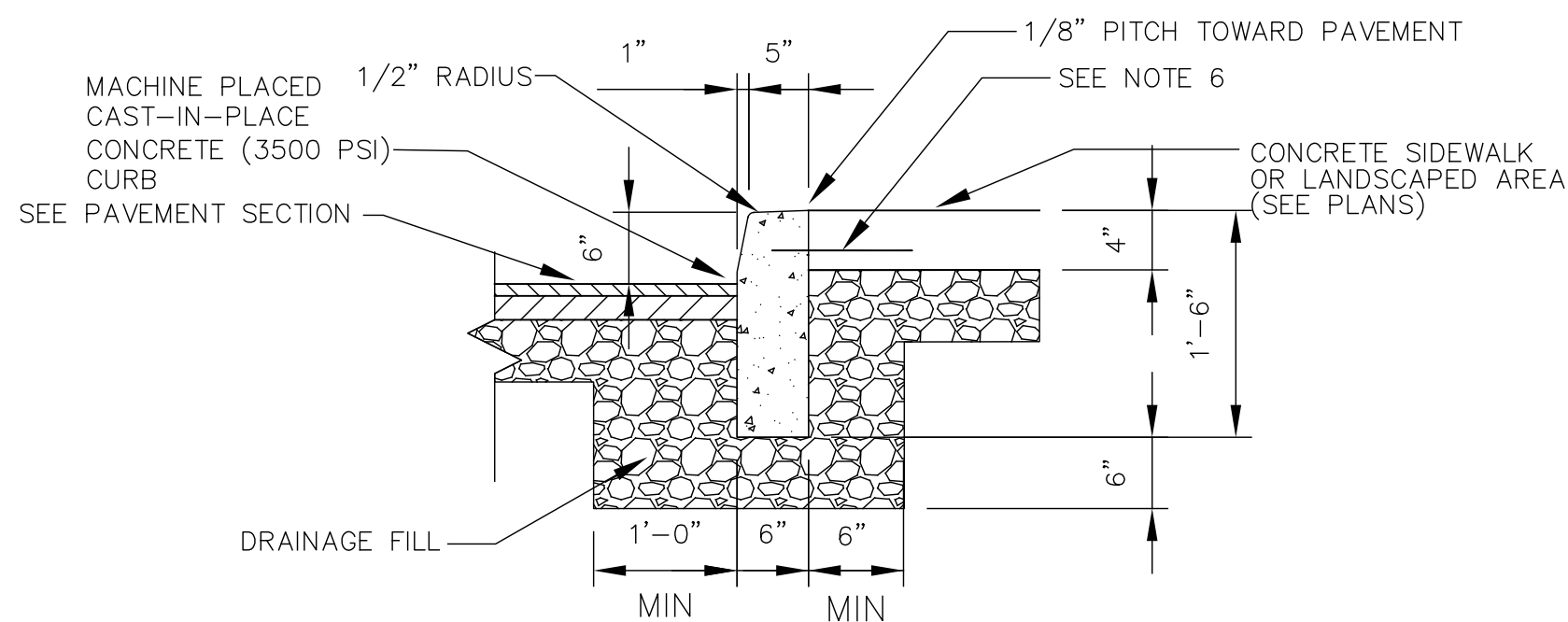
SIDEWALK DETAIL
N.T.S.



NOTES:

1. STONE SIZE - USE 2" RUN OF CRUSHER (R.O.C.) STONE
2. LENGTH - 100'±
3. THICKNESS - NOT LESS THAN 12 INCHES (SEE ROADWAY PAVEMENT DETAIL)
4. WIDTH - VARIES (SEE PLAN)
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE (SEE ROADWAY PAVEMENT DETAIL).
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

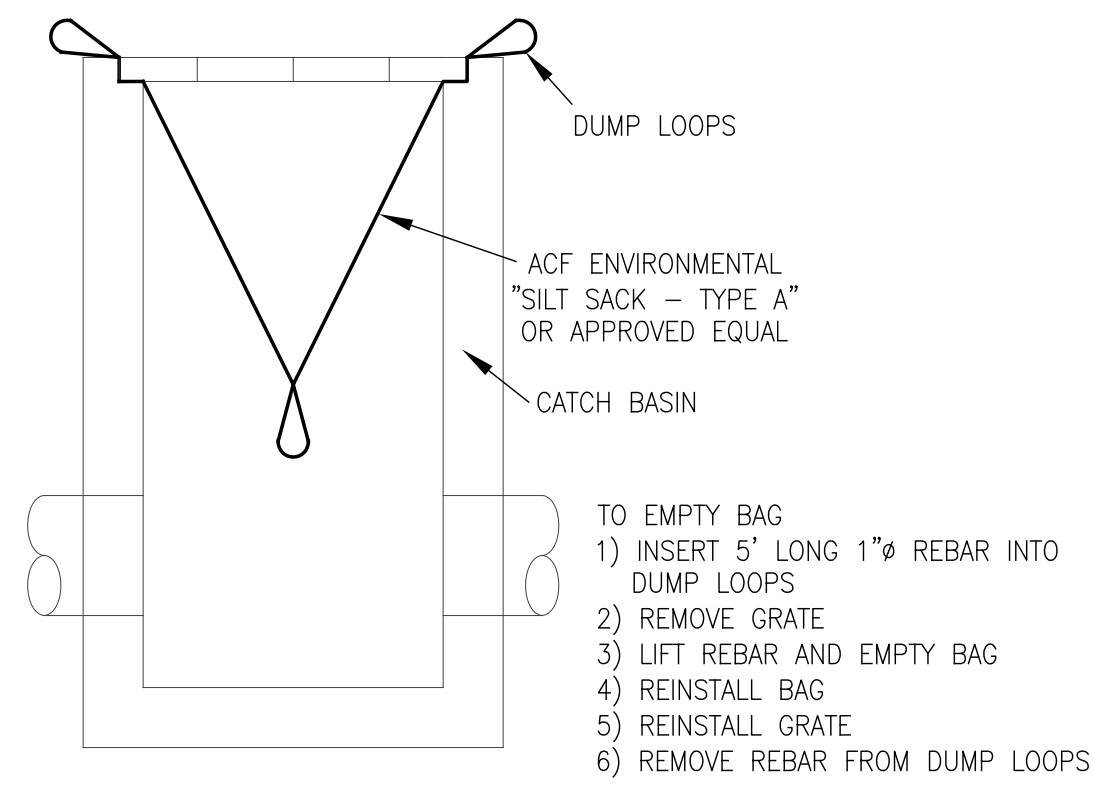
TYPICAL STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



NOTES:

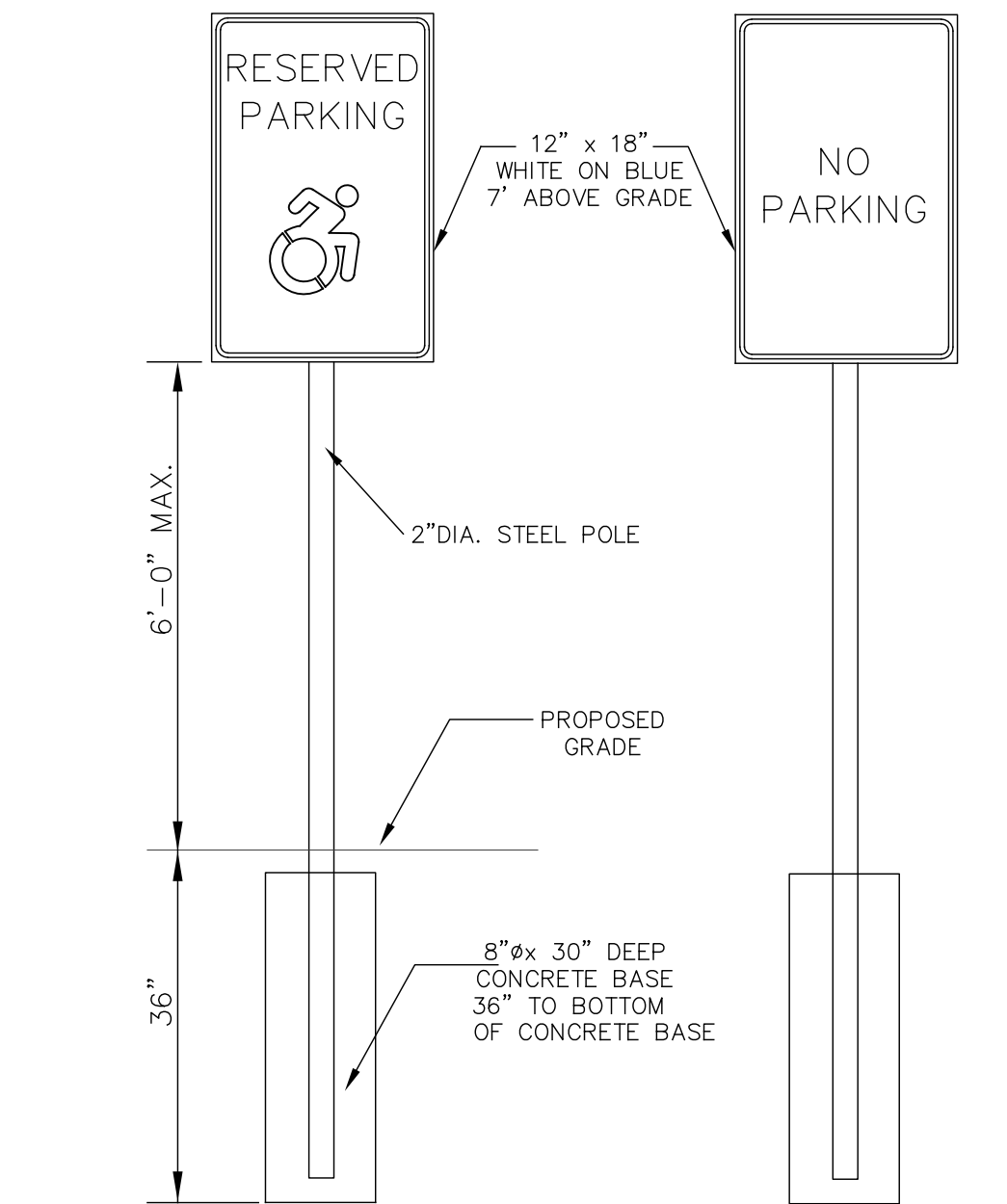
1. PROVIDE 2" DEEP SAW CUT CONTROL JOINT AT 10'-0" O.C. (WITHIN 24 HOURS OF PLACEMENT)
2. PROVIDE 1/2" PREFORMED BITUMINOUS EXPANSION JOINTS AT A MAXIMUM 30'-0" O.C.
3. PROVIDE FINE BROOM FINISH TO EXPOSED PORTION OF CONCRETE CURB.
4. SLOPE TOP OF CURB DOWN TO MEET PAVEMENT ELEVATION WITHIN 4'-0" WHERE CURB ENDS AT LAWN TERMINATIONS.
5. DEPTH OF DRAINAGE FILL TO BE 6" IF NO UNDERDRAIN IS CALLED FOR.
6. INSTALL 18" LONG #4 DOWEL AT 2' INTERVALS TO TIE SIDEWALK INTO CURBING. EMBED DOWEL 2".

STANDARD CURB DETAIL
N.T.S.

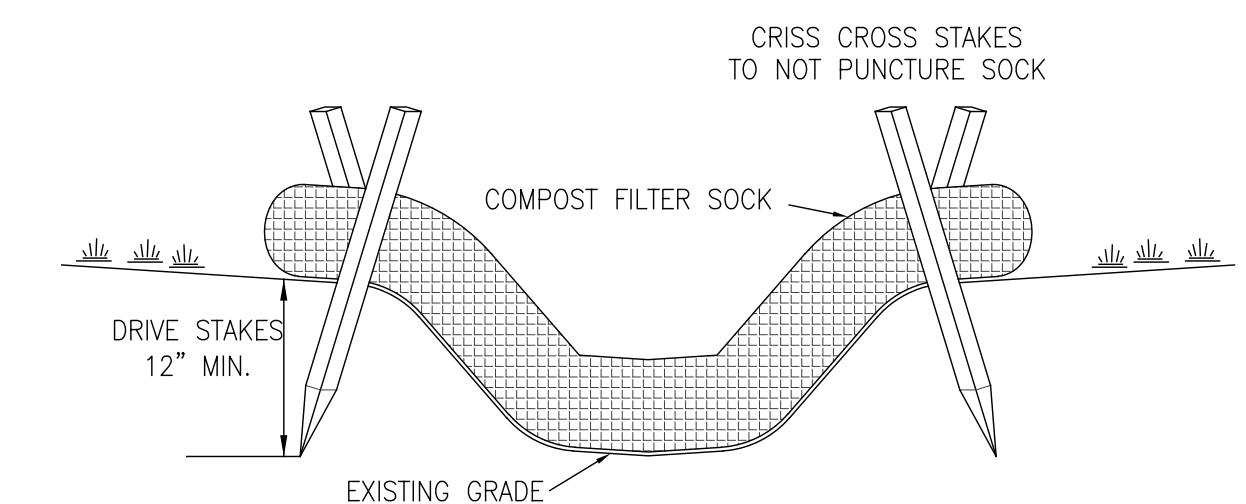


DI PROTECTION DETAIL
N.T.S.

- TO EMPTY BAG
- 1) INSERT 5' LONG 1" REBAR INTO DUMP LOOPS
 - 2) REMOVE GRATE
 - 3) LIFT REBAR AND EMPTY BAG
 - 4) REINSTALL BAG
 - 5) REINSTALL GRATE
 - 6) REMOVE REBAR FROM DUMP LOOPS



HANDICAP RAMP, PARKING STALL AND SIGNS
N.T.S.

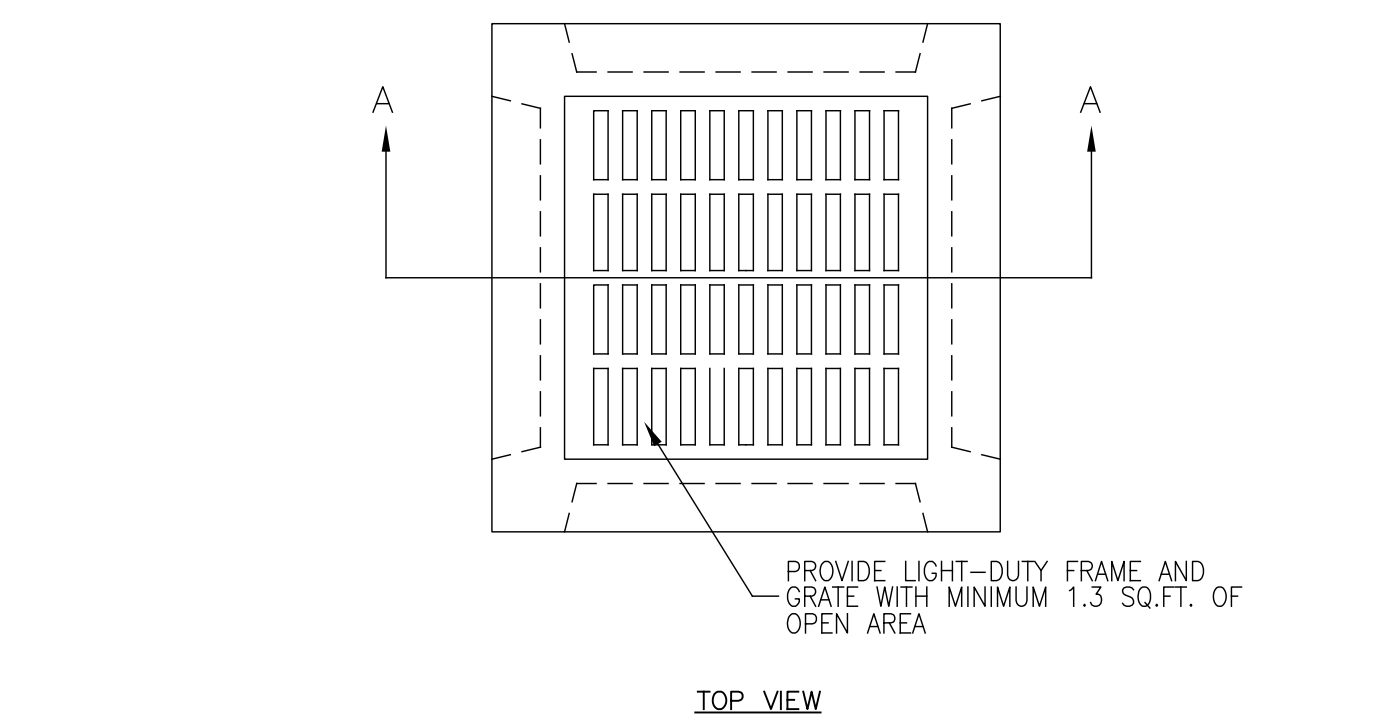


NOTES:

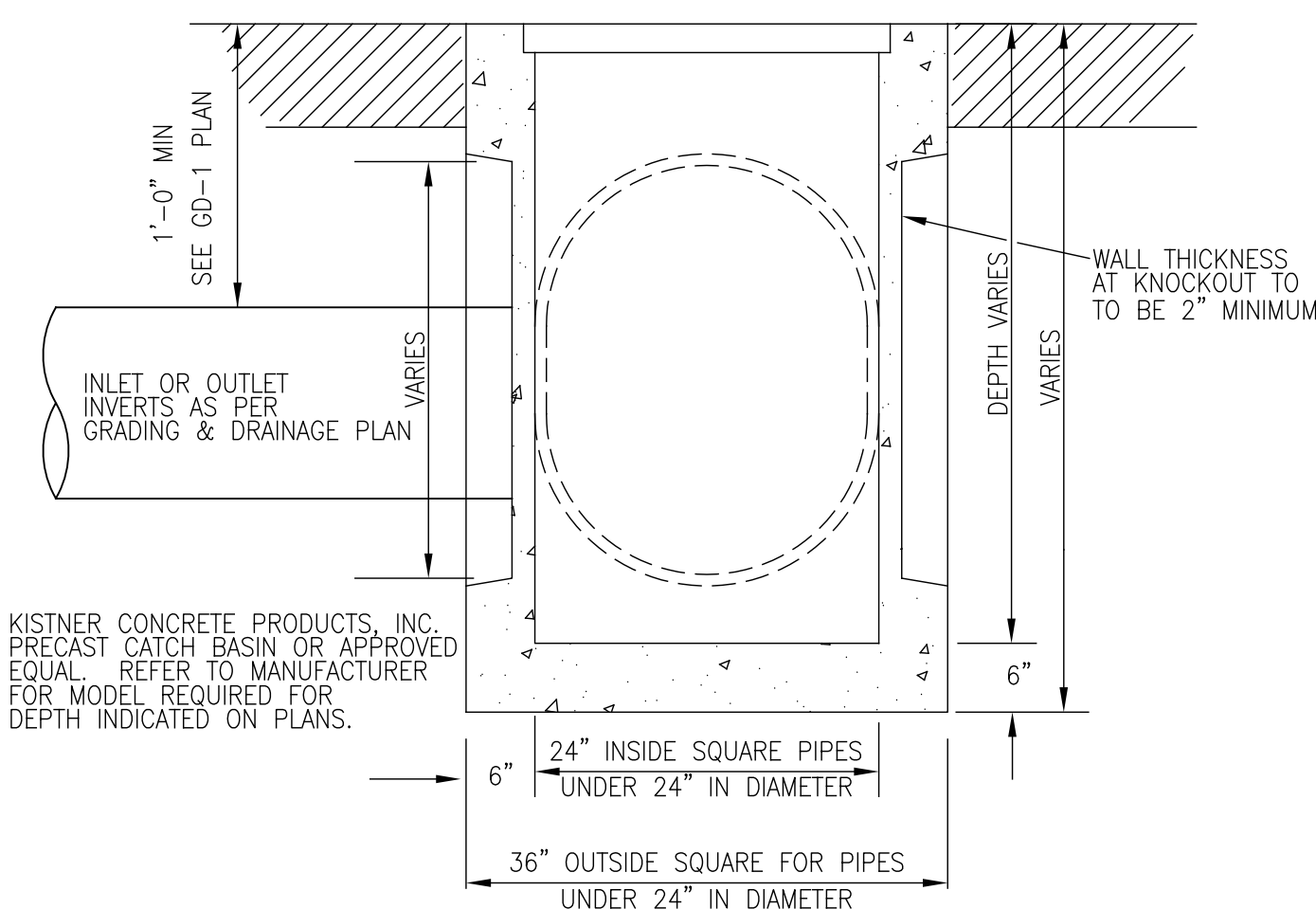
1. COMPOST FILTER SOCK MUST CONFORM TO NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (FILTRIXX SILT SOCK OR APPROVED EQUAL).
2. INSTALL 3' LONG 2"x2" HARDWOOD STAKES AT 10' INTERVALS OR AS SPECIFIED BY THE SOCK MANUFACTURER.
3. WOODEN STAKES TO BE INSTALLED IN A CRISS CROSS PATTERN SO AS NOT TO PUNCTURE THE SOCK.
4. WOODEN STAKES TO BE DRIVEN AT LEAST 12" INTO GROUND.
5. ABUTTING ENDS MUST BE OVERLAPPED TO PROVIDE CONTINUOUS PROTECTION.
6. ALL SOCK SHALL BE 12".

MINIMUM SOCK SPACING	
SLOPE %	12 INCH SOCK
0-2%	250'
2-5%	225'
5-10%	125'

COMPOST FILTER SILT SOCK
N.T.S.

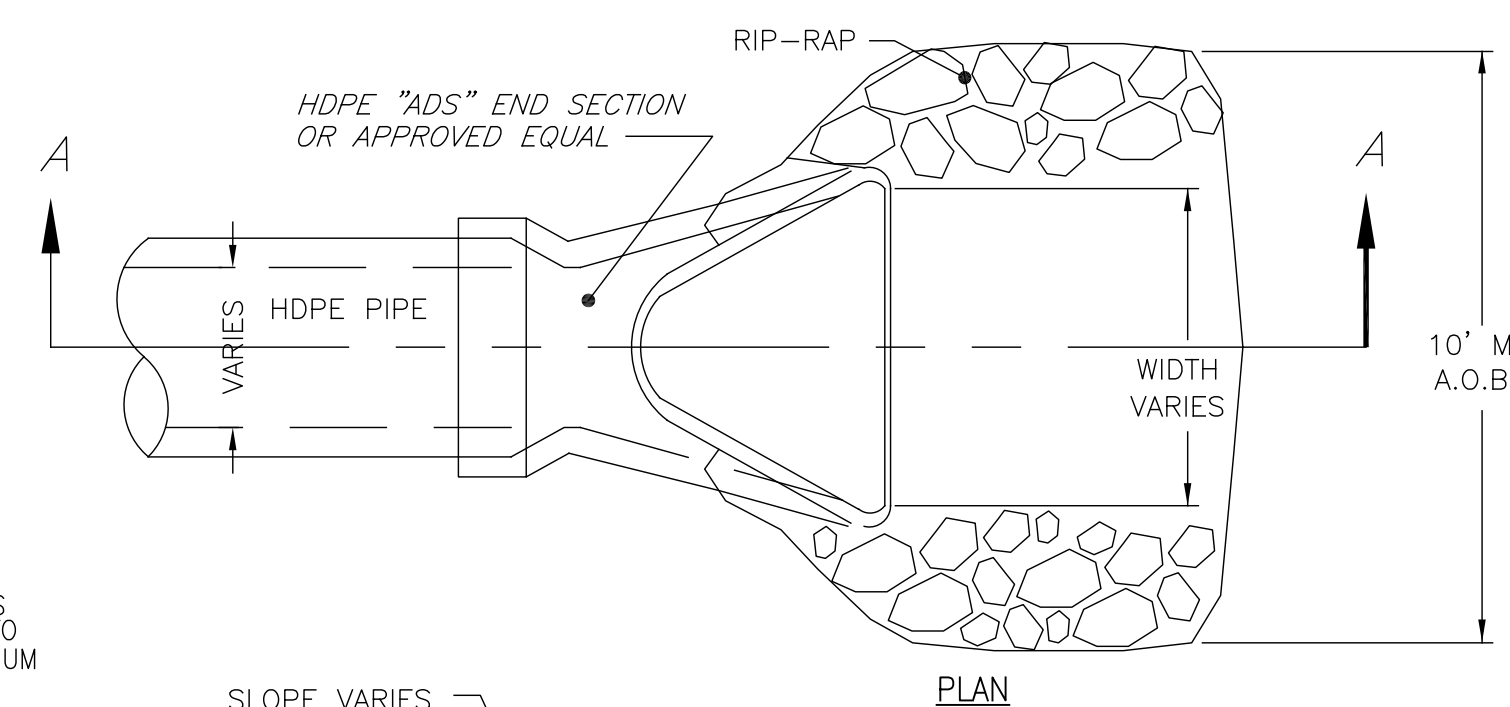


TOP VIEW

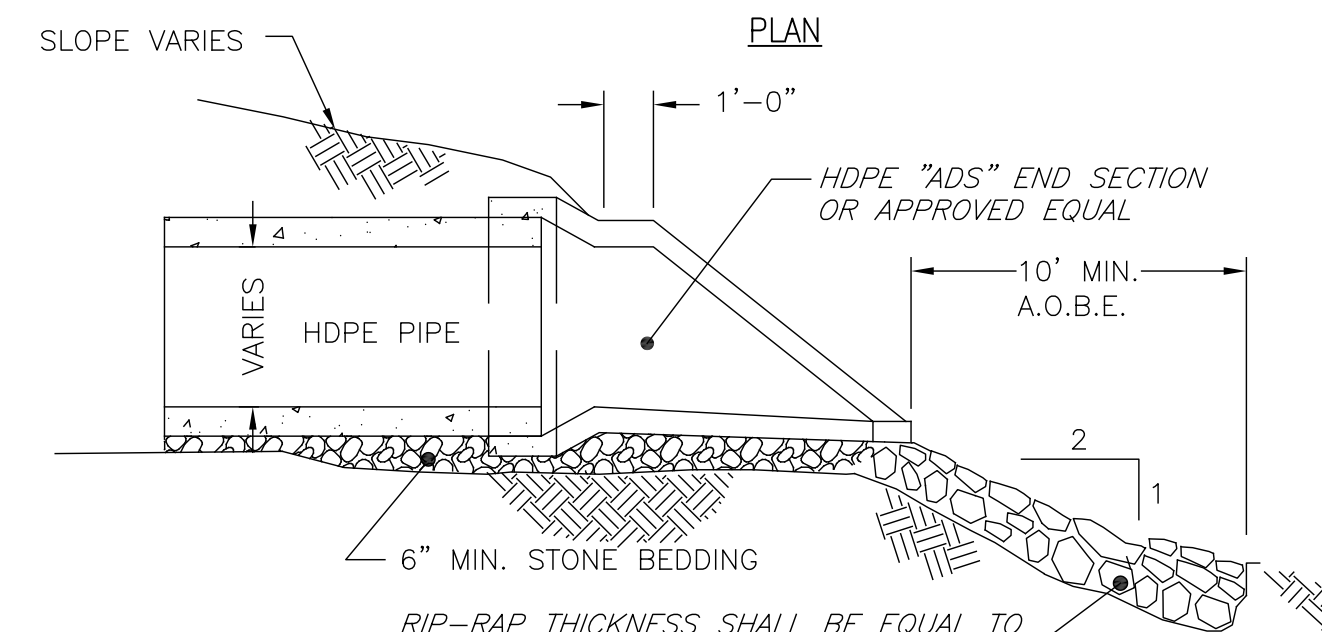


SECTION A-A

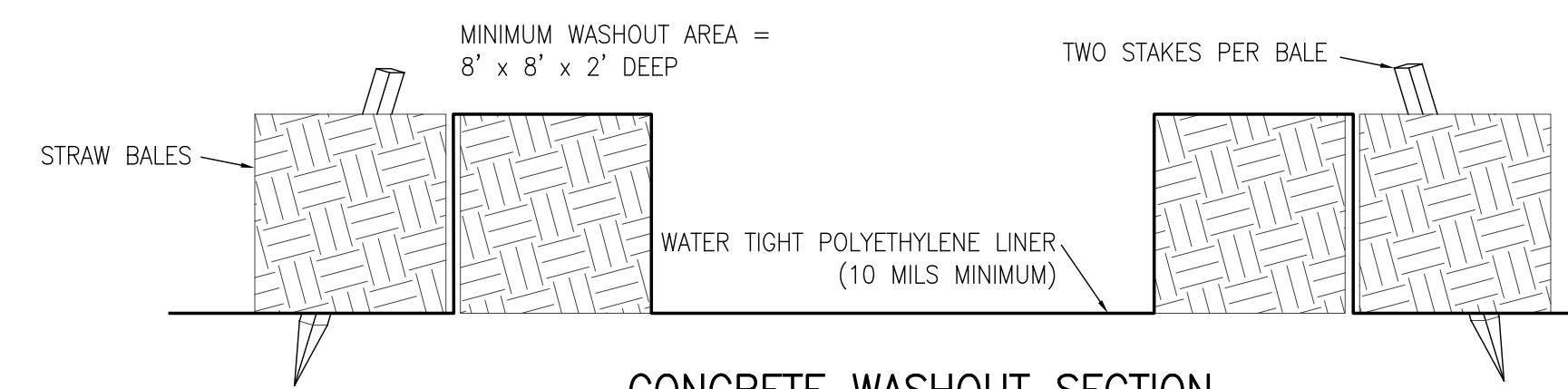
CATCH BASIN DETAIL
N.T.S.



PLAN



END SECTION WITH RIP-RAP DETAIL
N.T.S.



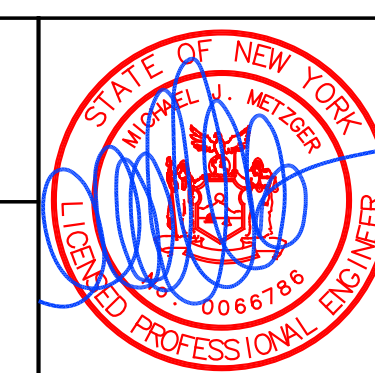
CONCRETE WASHOUT SECTION
N.T.S.

NOTES:

1. CONCRETE WASHOUT BASIN TO CONFORM TO THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL DESIGN CRITERIA.
2. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY IS FILLED.
3. INSPECT WASHOUT FACILITY DAILY AND REPAIR LEAKING LINER AS NECESSARY.

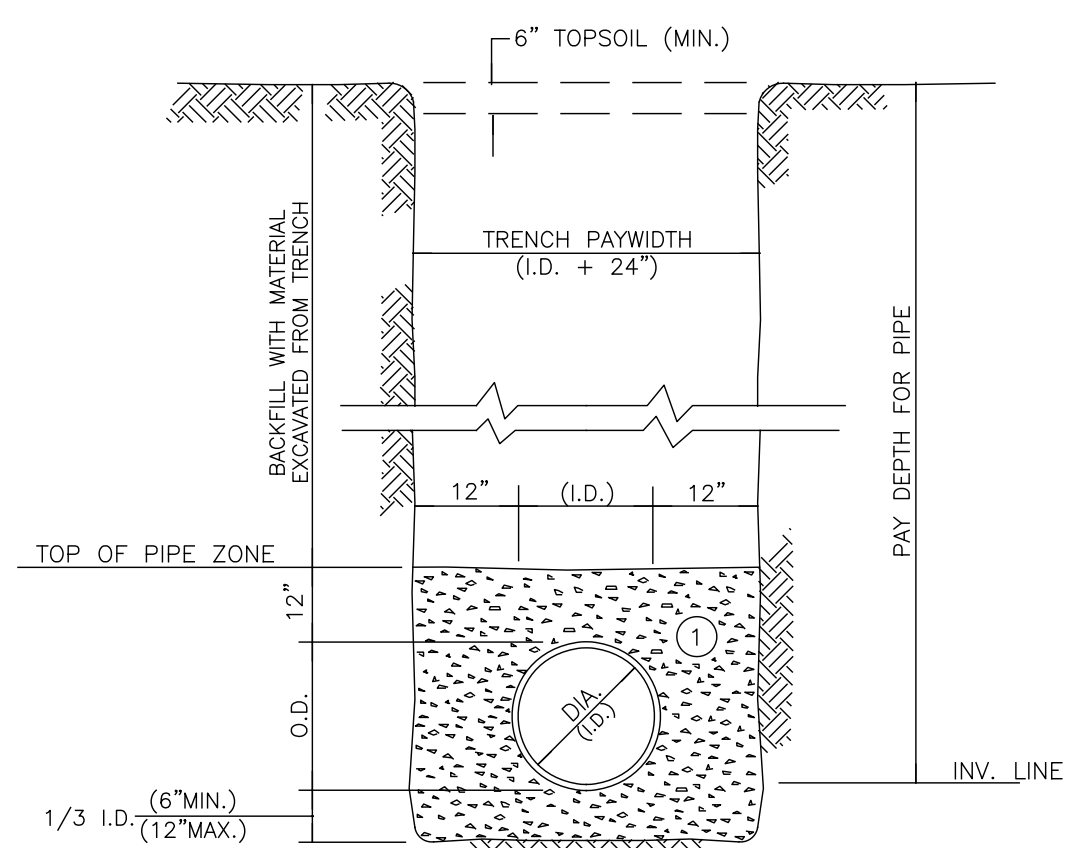
DESIGNED BY:	JCM
DRAWN BY:	JCM
CHECKED BY:	LKM
CAD FILE:	M2011
NOTE:	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW
REVISIONS	DATE BY/CHK

METZGER CIVIL ENGINEERING, PLLC
8245 SHERIDAN DR. WILLIAMSVILLE, NY 14221
PH: 716-633-2601 FAX: 716-633-2704
CIVIL ENGINEERING LAND PLANNING SITE DESIGN MUNICIPAL ENGINEERING



MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
TOWN OF AMHERST, ERIE COUNTY, NEW YORK
SITE DETAILS

SCALE:	AS SHOWN
DATE:	JUNE 19, 2026
JOB NO:	M-2011
DRAWING NO:	DT-1 SHEET 10



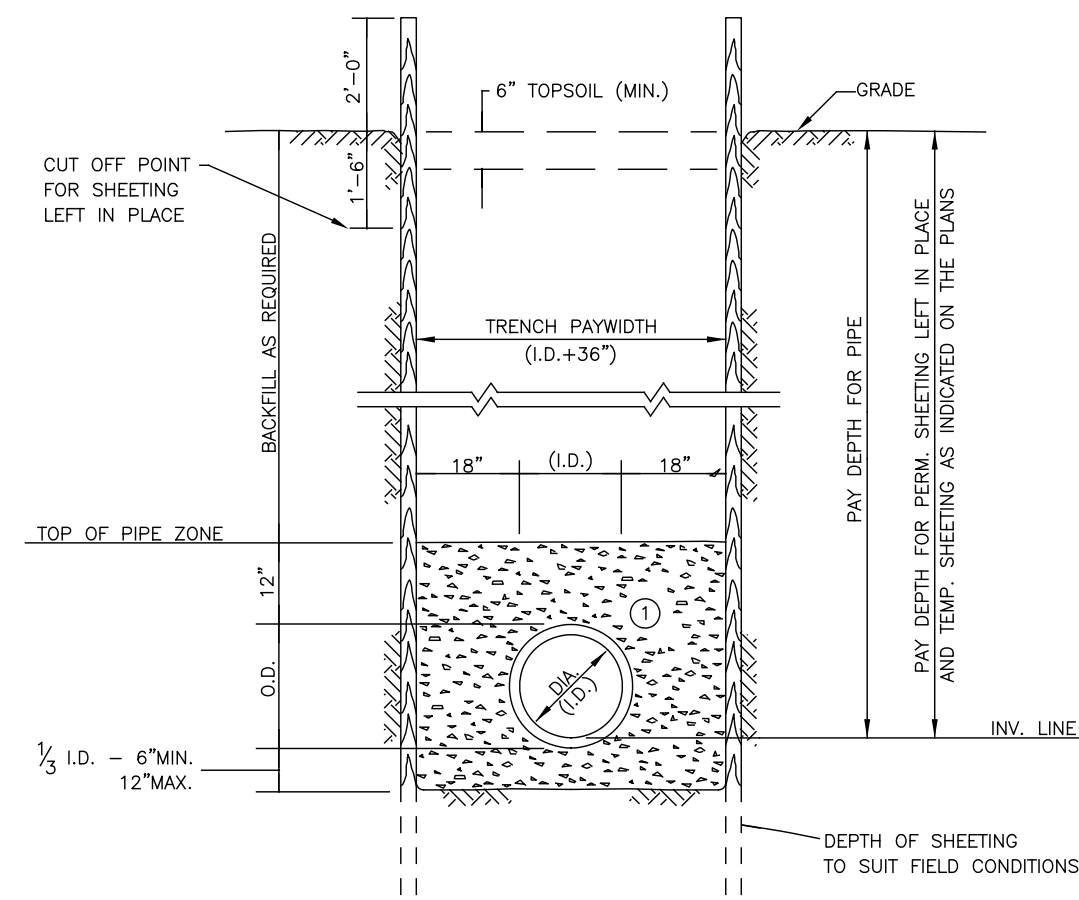
- NOTES:
- PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

MATERIALS

PIPE BEDDING MATERIAL (NYS DOT LATEST EDITION)

- NO. 1 CRUSHED STONE WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN 1" AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

SANITARY TRENCH DETAIL (UN SHEETED)
N.T.S.



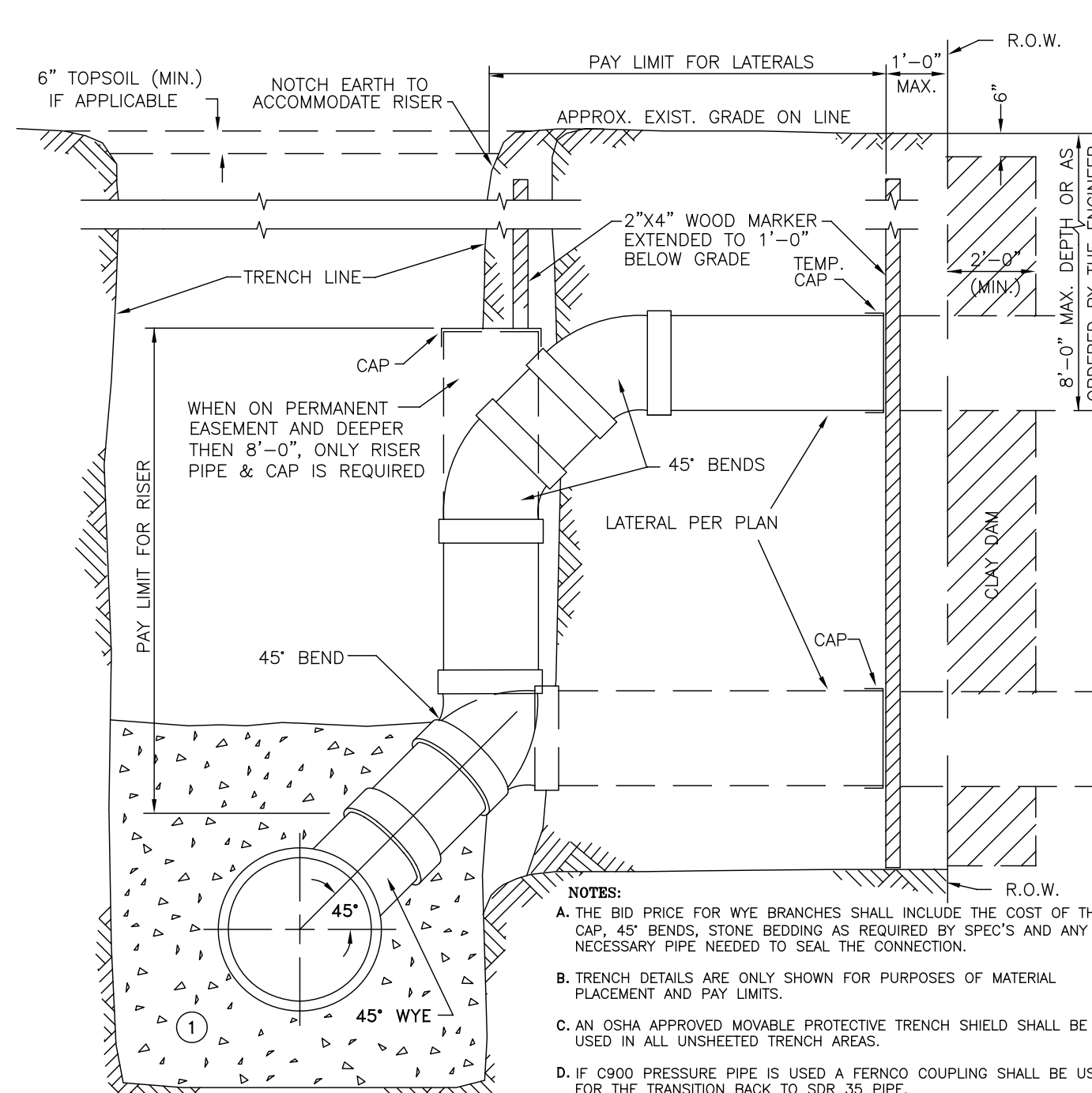
- NOTES:
- MAINTAIN 1" BETWEEN PIPE AND INSIDE FACE OF TEMPORARY SHEETING. IF SHEETING EXTENDS BELOW PIPE INVERT AS SHOWN, WHEN PVC PIPE MATERIAL IS USED, COMPACT MATERIAL (D) BEFORE PULLING THE SHEETING.
 - SHEETED TRENCH OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING EQUIPMENT.
 - SHEETING DRIVEN BELOW THE INVERT OF THE PIPE FOR BEDDING MATERIAL AND TOE SUPPORT WILL NOT BE CONSIDERED IN THE FORMULA FOR PAYMENT BUT SHOULD BE FIGURED BY THE CONTRACTOR IN DETERMINING HIS UNIT BID PRICE PER SQUARE FOOT OF SHEETING.
 - WHERE INDICATED ON THE PLANS OR AS ORDERED BY THE ENGINEER, TEMPORARY SHEETING WILL BE PAID FOR UNDER THE APPLICABLE BID ITEM. OTHER AREAS WHERE THE CONTRACTOR ELECTS TO USE TEMPORARY SHEETING NOT PREVIOUSLY AUTHORIZED BY THE ENGINEER SHALL BE AT HIS OPTION AND EXPENSE.

MATERIALS

PIPE BEDDING MATERIAL (NYS DOT LATEST EDITION)

- NO. 1 CRUSHED STONE WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN 1" AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

SANITARY TRENCH DETAIL (SHEETED)
N.T.S.



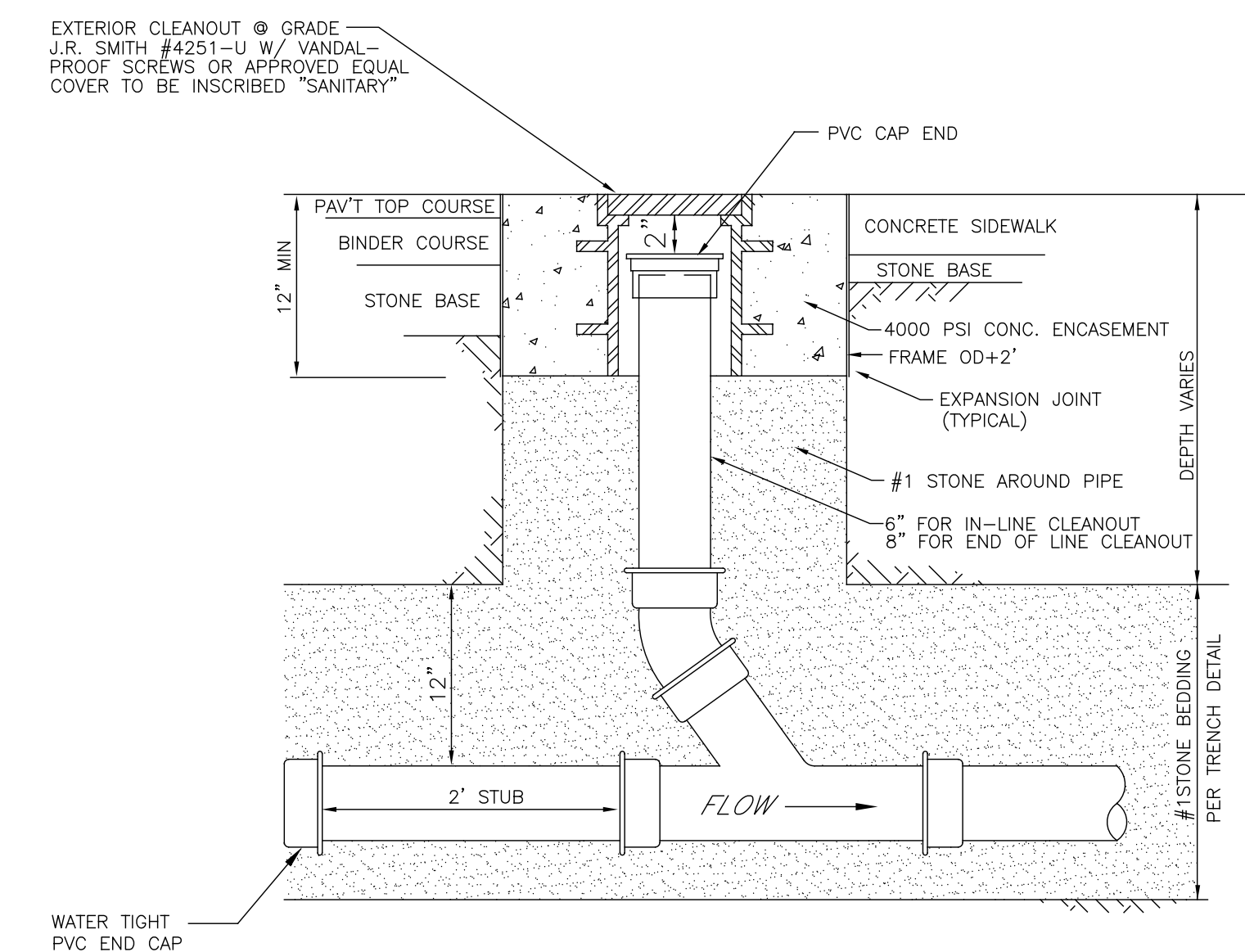
- NOTES:
- THE BID PRICE FOR WYE BRANCHES SHALL INCLUDE THE COST OF THE CAP, 45° BENDS, STONE BEDDING AS REQUIRED BY SPEC'S AND ANY NECESSARY PIPE NEEDED TO SEAL THE CONNECTION.
 - TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND PAY LIMITS.
 - AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.
 - IF C900 PRESSURE PIPE IS USED A FERROD COUPLING SHALL BE USED FOR THE TRANSITION BACK TO SDR 35 PIPE.

MATERIALS

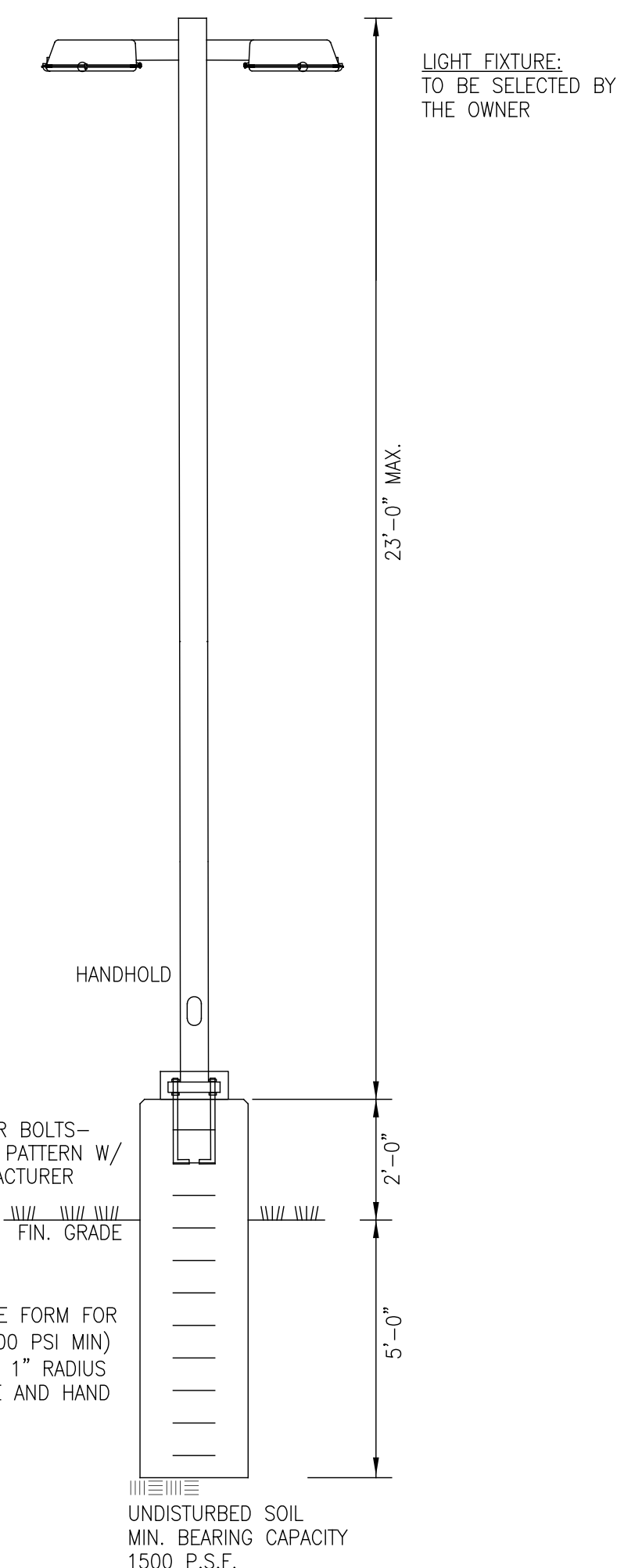
PIPE BEDDING MATERIAL (NYS DOT LATEST EDITION)

- NO. 1 CRUSHED STONE WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703-02. THE CRUSHED STONE SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER. NO SLAG WILL BE ALLOWED.

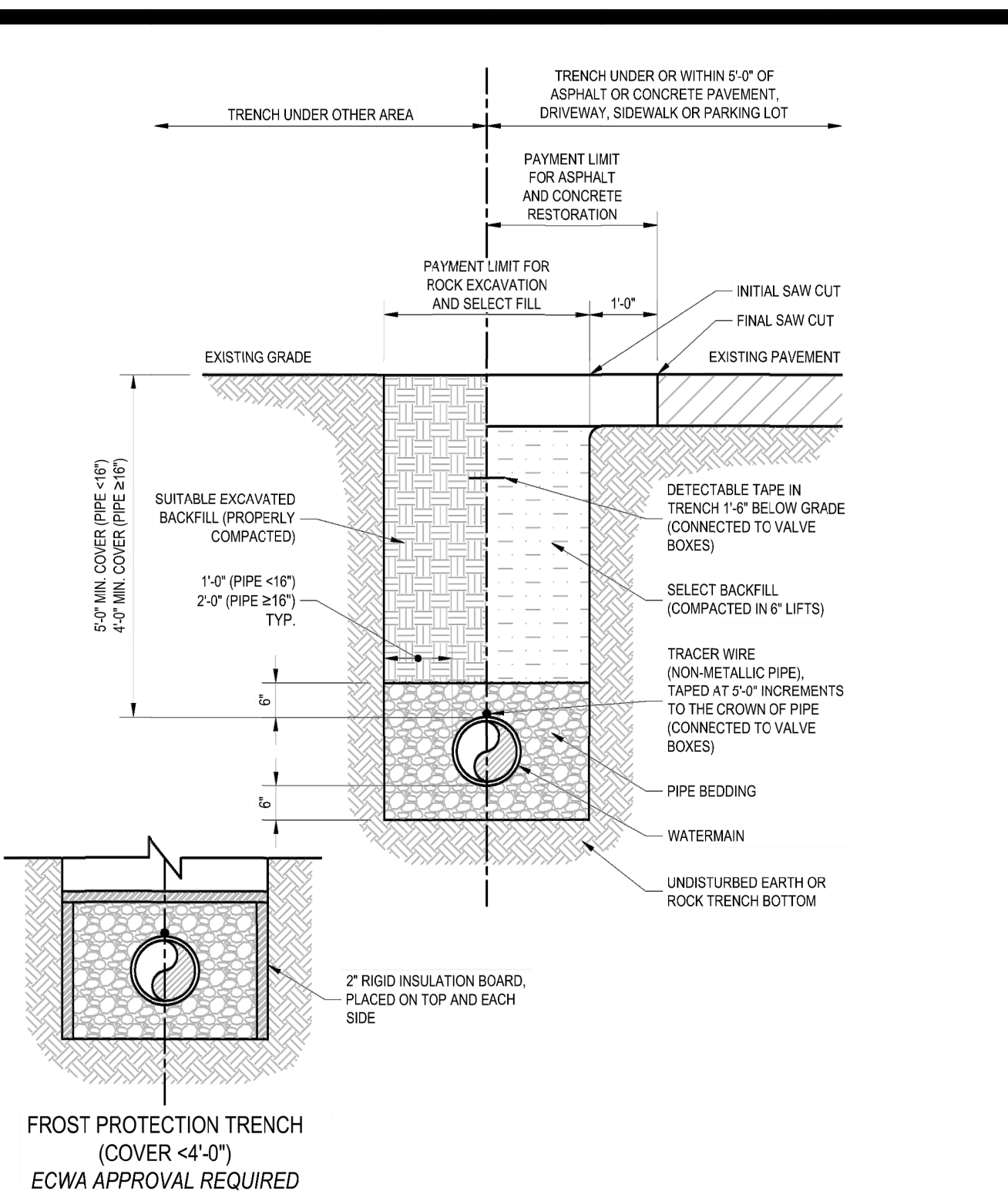
SANITARY LATERAL CONNECTION TO MAIN
N.T.S.



CLEANOUT IN PAVEMENT/SIDEWALKS
N.T.S.

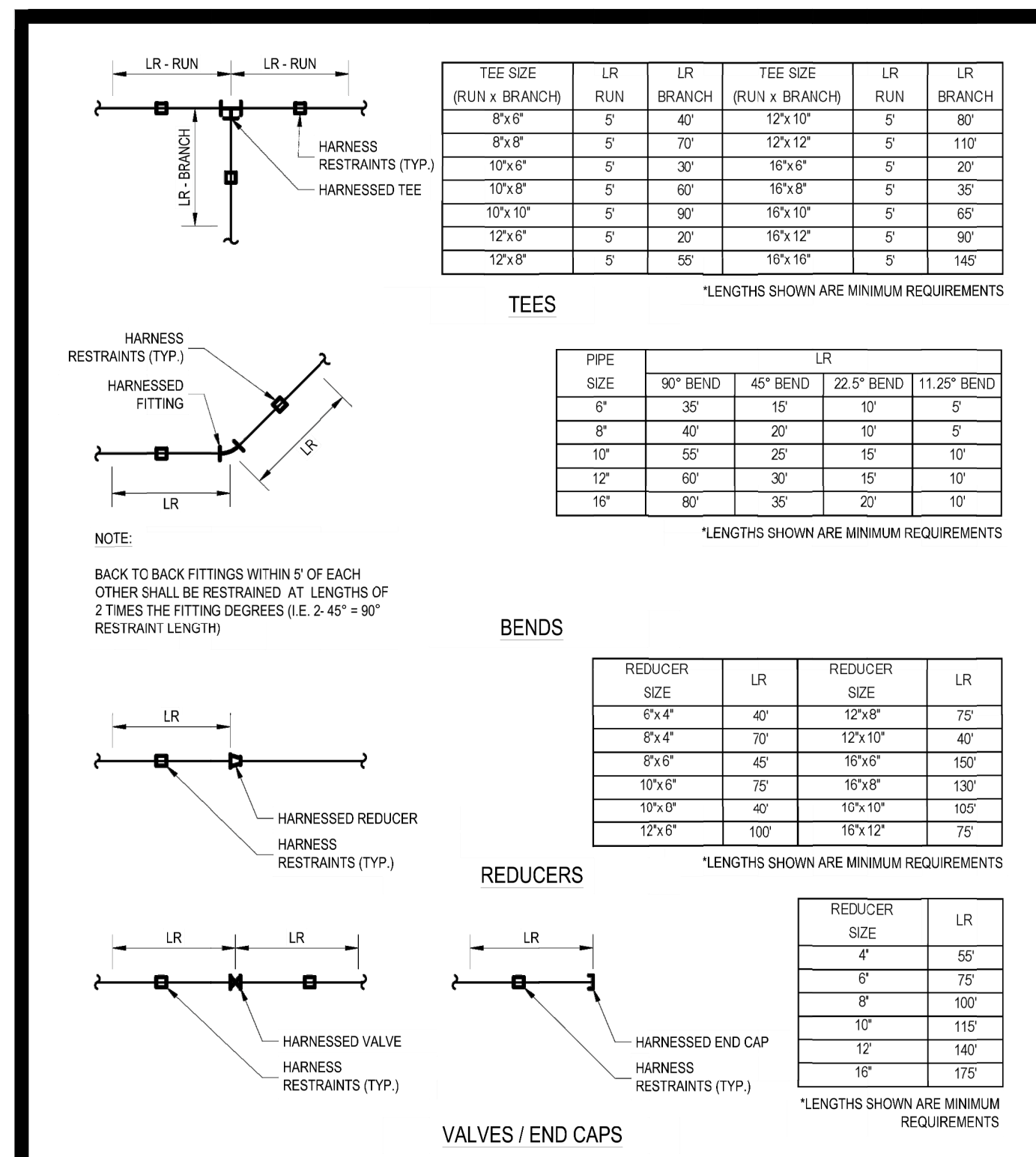


LIGHT FIXTURE DETAIL
N.T.S.



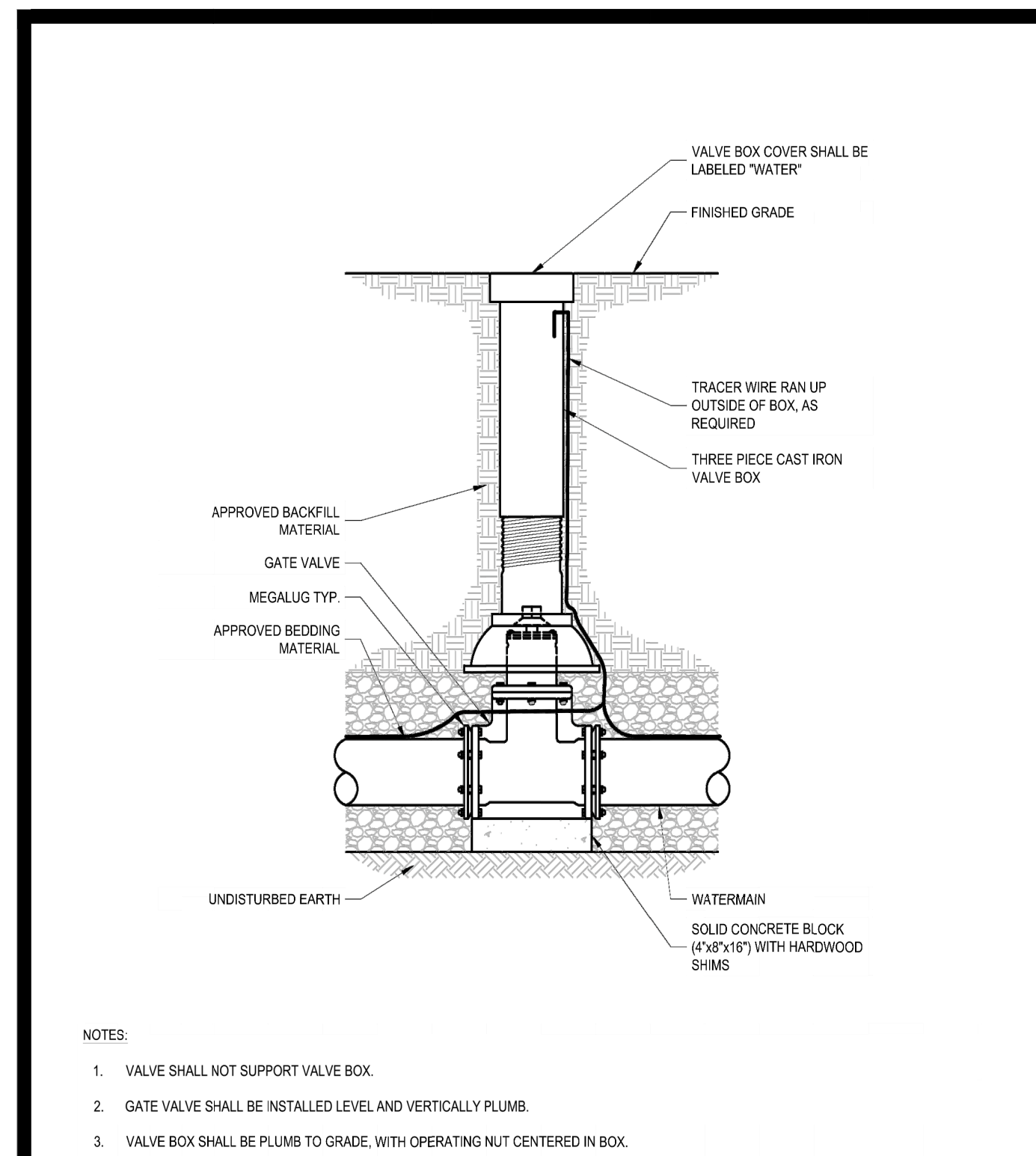
TYPICAL TRENCH DETAIL
SCALE: NTS

Revision: 2024-01
Detail: SD-01



RESTRAINED JOINT SCHEDULE
SCALE: NTS

Revision: 2024-01
Detail: SD-09



GATE VALVE SETTING
SCALE: NTS

Revision: 2024-01
Detail: SD-12

DESIGNED BY: JCM
DRAWN BY: JCM
CHECKED BY: LKM
CAD FILE: M2011

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MCE METZGER CIVIL ENGINEERING, PLLC
8245 SHERIDAN DR.
WILLIAMSVILLE, NY 14221
PH: 716-633-2601
FAX: 716-633-2704

CIVIL ENGINEERING
LAND PLANNING
SITE DESIGN
MUNICIPAL ENGINEERING

SCALE: AS SHOWN
DATE: JUNE 19, 2026
JOB NO: M-2011
DRAWING NO: DT-2 SHEET 11

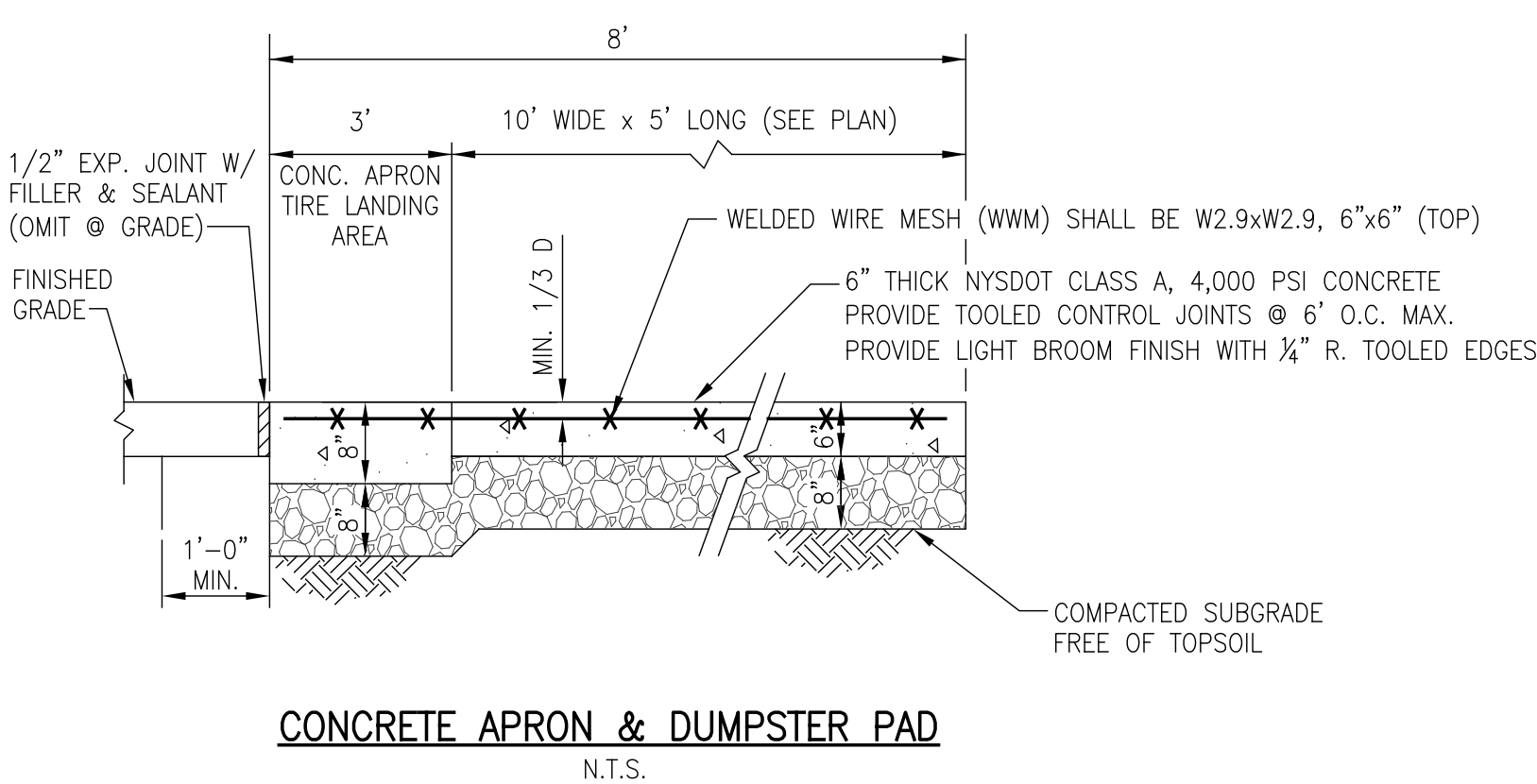
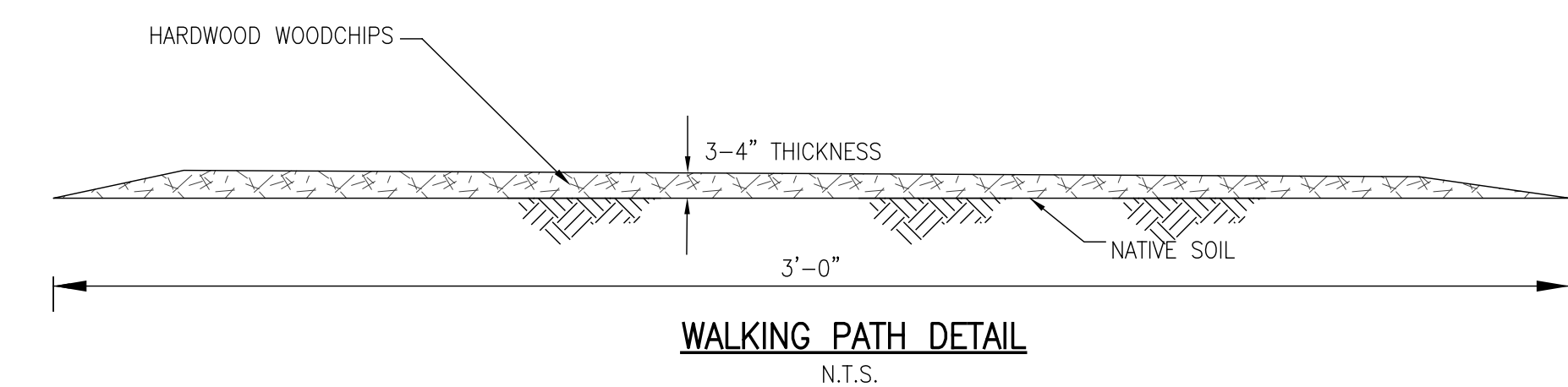
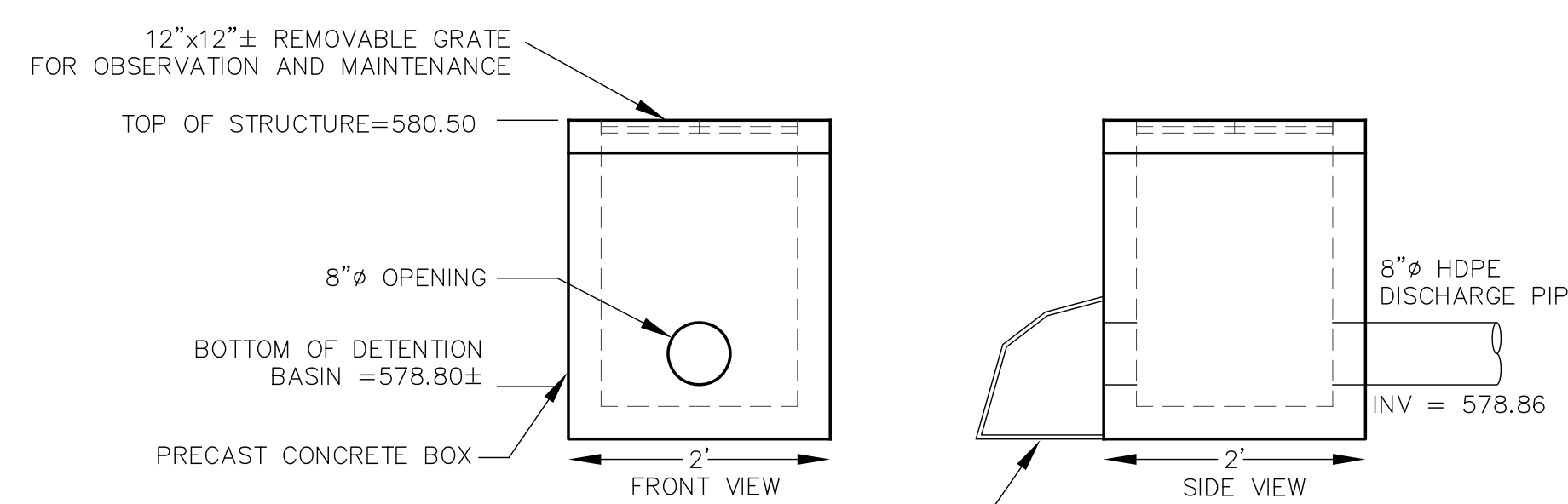
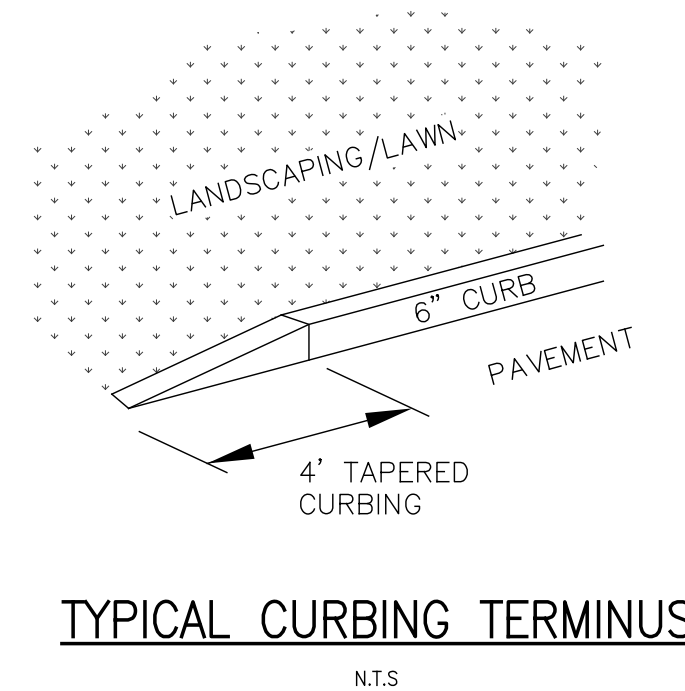
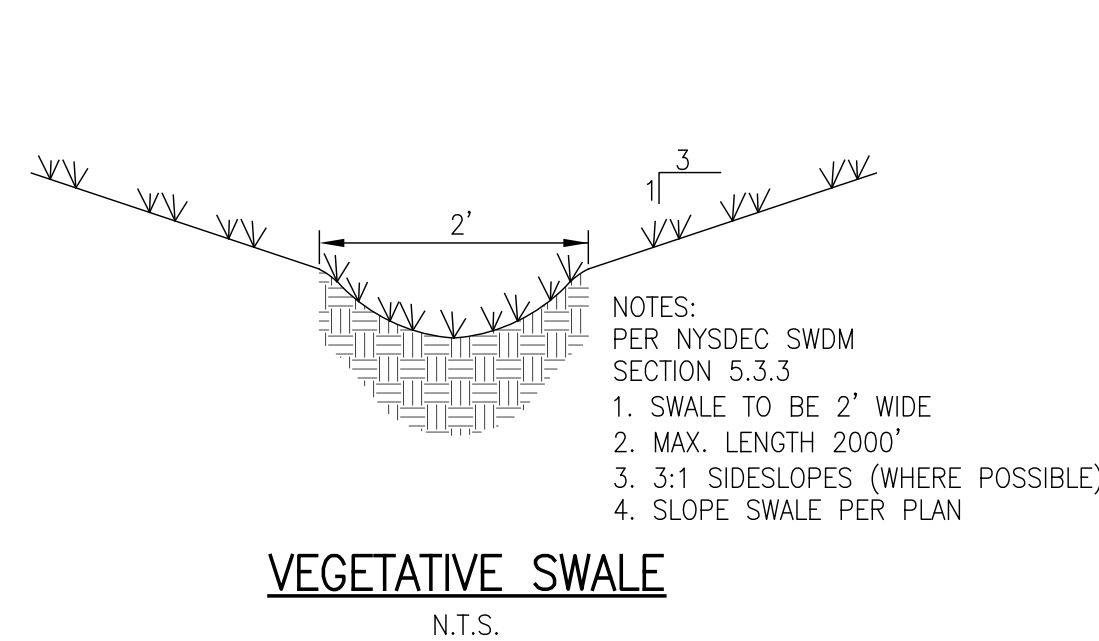
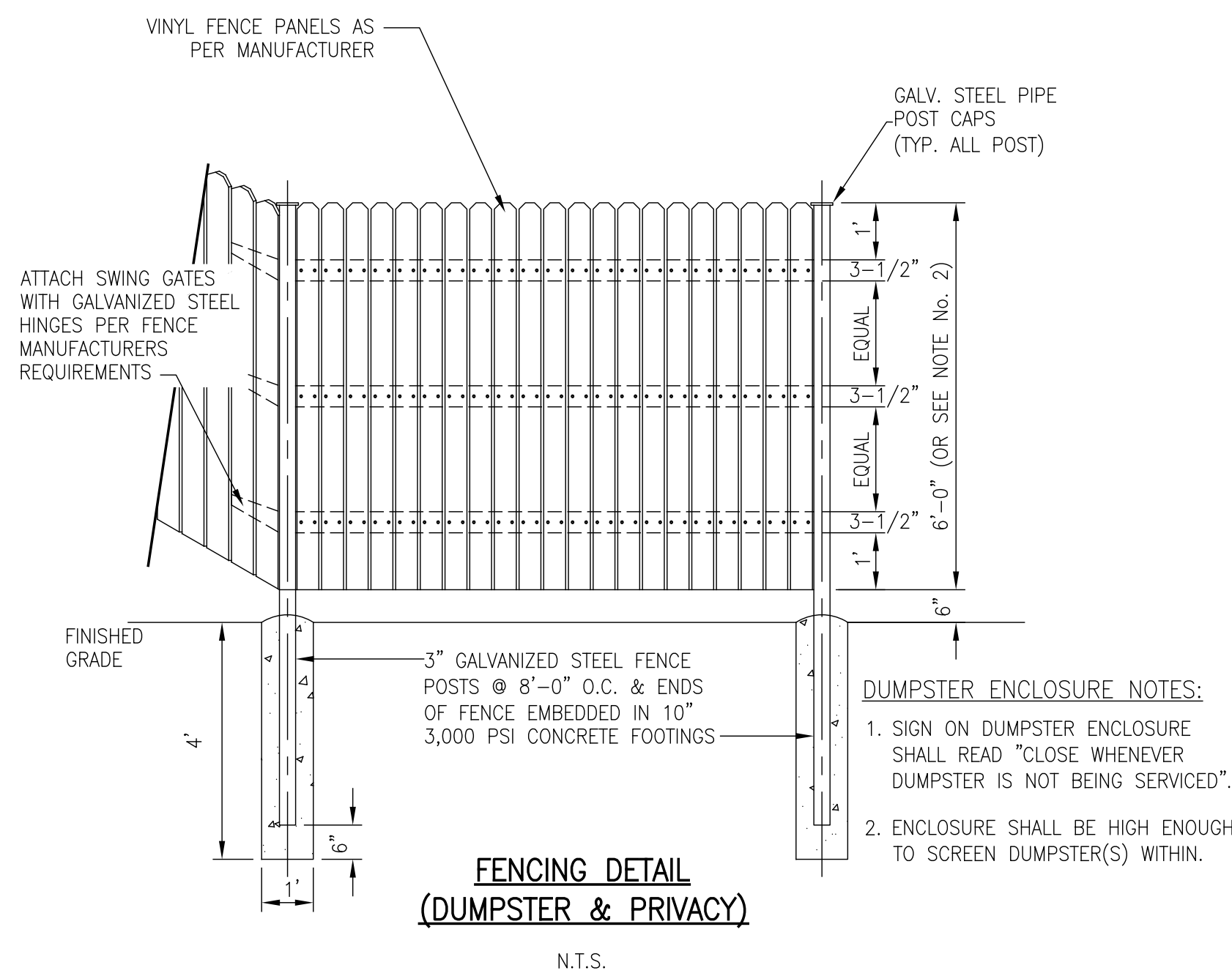
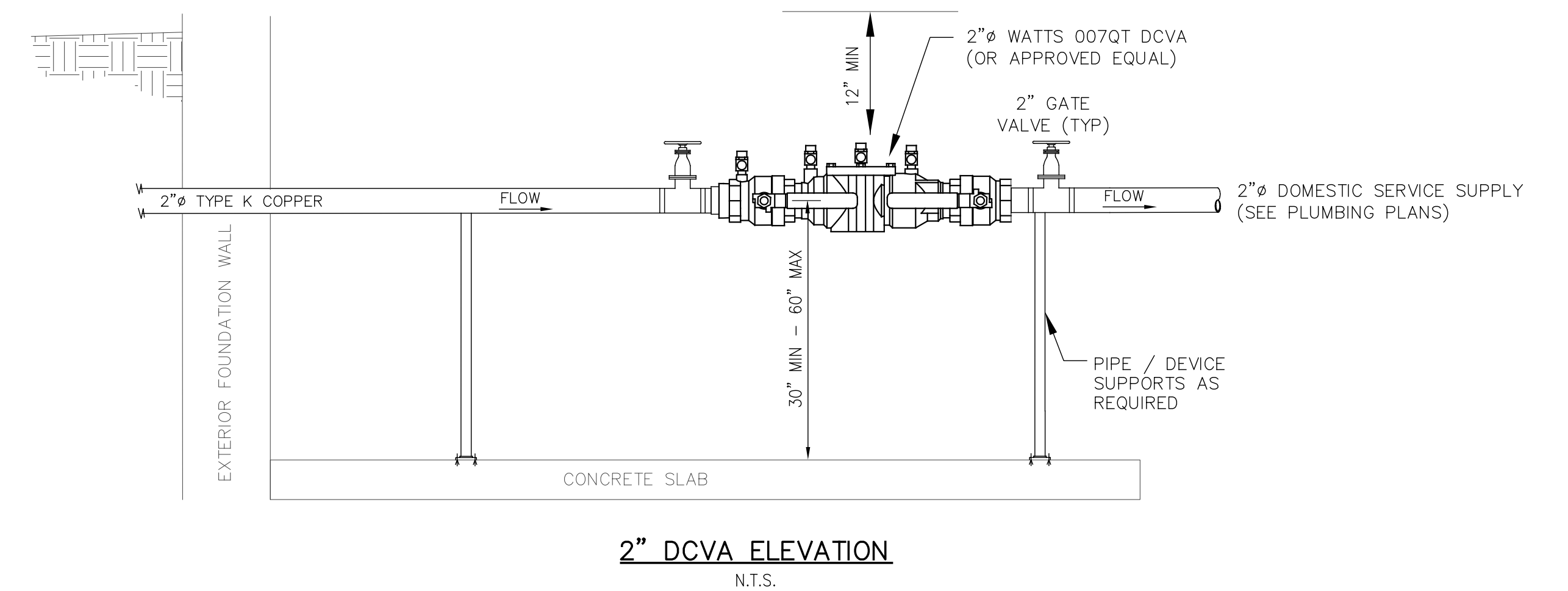
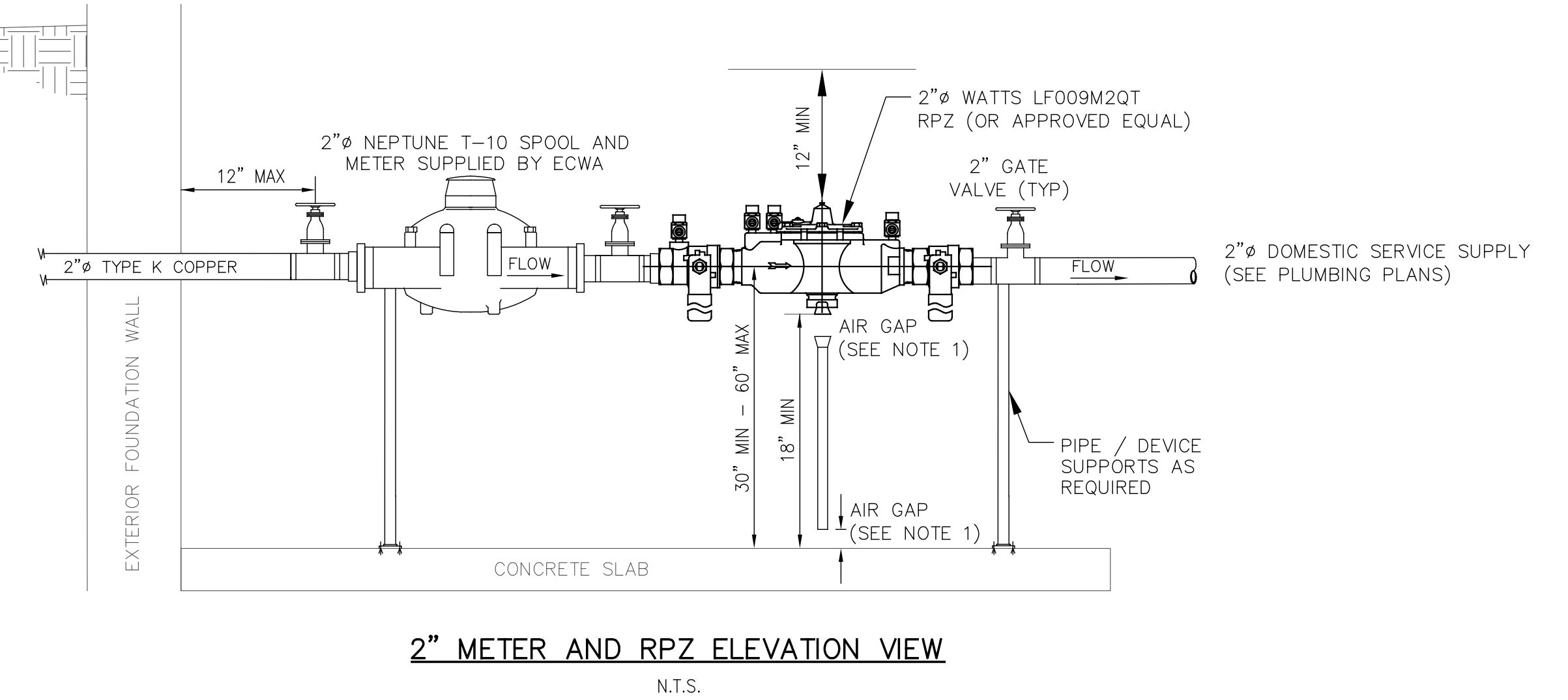
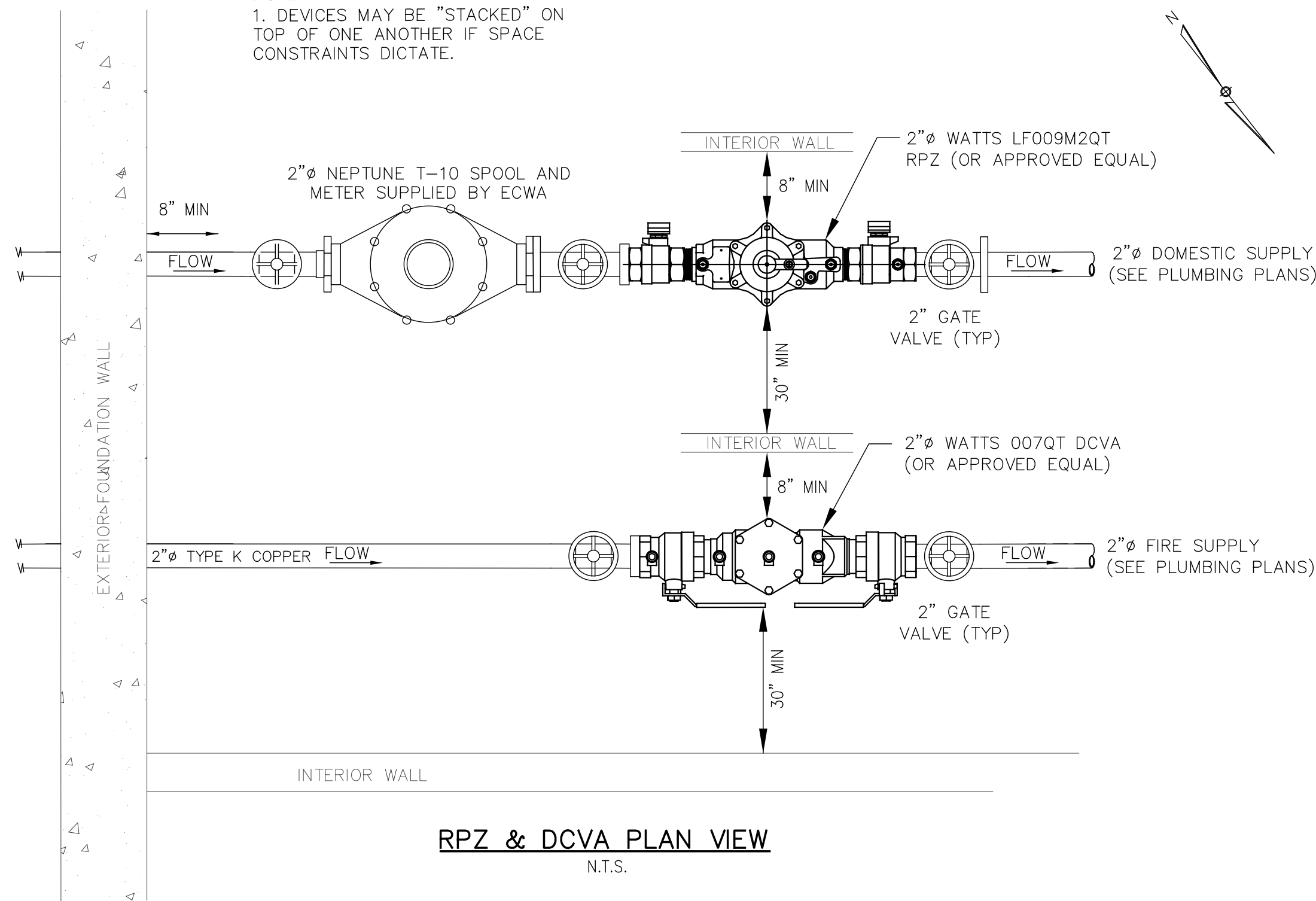
MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
TOWN OF AMHERST, ERIE COUNTY, NEW YORK

UTILITY DETAILS

RPZ/RPDA MISCELLANEOUS NOTES:

1. AIR GAPS SHALL BE 2 TIMES THE DIAMETER OF THE DRAIN PORT WITH A MINIMUM OF 1".
2. MATERIALS USED, LOCATION AND MISCELLANEOUS APPURTENANCES SHALL BE GOVERNED BY THE ERIE COUNTY WATER AUTHORITY SPECIFICATIONS AND LOCAL ORDINANCES.
3. ALL DUCTILE IRON PIPE, IF APPLICABLE, SHALL BE THICKNESS CLASS 52 UNLESS SPECIFIED OTHERWISE.
4. ALL DUCTILE IRON FITTINGS, IF APPLICABLE, SHALL BE CLASS 350 ANSI/AWWA C110/A21.01-62 UNLESS SPECIFIED OTHERWISE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND VERIFYING ALL LOCATIONS, DIMENSIONS AND ELEVATIONS SHOWN.
6. DIMENSIONS SHOWN FOR THE WATER METER ARE STANDARD FOR THE SIZE AND MODEL SHOWN. ADEQUATE CLEARANCES MUST BE MAINTAINED ON ALL SIDES.
7. CLEARANCE DIMENSIONS SHOWN FOR THE DEVICES ARE NYSDOH STANDARDS.
8. DEVICES MUST BE PROPERLY SUPPORTED.
9. CONTACT THE ECWA METER SHOP A MINIMUM OF THREE (3) WORKING DAYS TO SCHEDULE THE INSTALLATION OF THE METER. TELEPHONE NUMBER: 716-685-8226

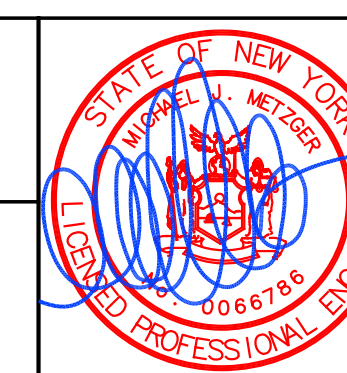
NOTE:
1. DEVICES MAY BE "STACKED" ON TOP OF ONE ANOTHER IF SPACE CONSTRAINTS DICTATE.



DESIGNED BY:	JCM			
DRAWN BY:	JCM			
CHECKED BY:	LKM			
CAD FILE:	M2011			
REVISIONS		DATE	BY/CHK	

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MULTI-FAMILY RESIDENTIAL DEVELOPMENT
3230-3238 MILLERSPORT HIGHWAY
TOWN OF AMHERST, ERIE COUNTY, NEW YORK

MISCELLANEOUS DETAILS

SCALE:	AS SHOWN
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JOB NO:	M-2011
DRAWING NO:	DT-3 SHEET 12