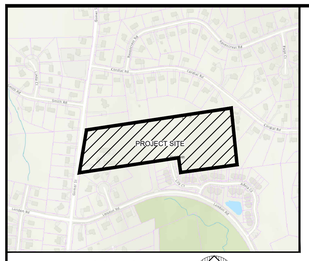

LOCATION MAP
NOT TO SCALE

SITE DATA:

OWNER / DEVELOPER:	MJM LAND DEVELOPMENT CORP. 3232 GOMER STREET YORKTOWN HEIGHTS, NY 10598
PROJECT LOCATION:	3232 GOMER STREET TOWN OF YORKTOWN
EXISTING TOWN ZONING:	R1-20 SINGLE FAMILY RESIDENTIAL
PROPOSED USE:	R1-20 SINGLE FAMILY RESIDENTIAL
TOWN TAX MAP DATA:	SECTION 17.18, BLOCK 2, LOT 2
SITE AREA :	12.3 ACRES (535,788 SF)
SEWAGE FACILITIES:	PUBLIC SEWERS
WATER FACILITIES:	PUBLIC WATER FACILITIES
WATERSHEDS:	HUDSON RIVER / CROTON RESERVOIR

ZONING SCHEDULE:

ZONING DISTRICT:	R1-20, SINGLE FAMILY RESIDENTIAL														
DIMENSIONAL REGULATIONS:	REQUIRED	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5	LOT 6	LOT 7	LOT 8	LOT 9	LOT 10	LOT 11	LOT 12	LOT 13	VARIANCE REQUIRED
MINIMUM SIZE OF LOT:															
MINIMUM LOT AREA:	20,000 SF.	19,025 SF.	25,819 SF.	18,093 SF.	19,409 SF.	16,455 SF.	59,282 SF.	48,408 SF.	22,480 SF.	31,641 SF.	50,166 SF.	29,543 SF.	31,647 SF.	126,406 SF.	NONE
MINIMUM LOT WIDTH:	100 FT.	115 FT.	121 FT.	128 FT.	121 FT.	82 FT.	140 FT.	226 FT.	67 FT.	110 FT.	61 FT.	39 FT.	86 FT.	306 FT.	NONE
MINIMUM LOT DEPTH:	100 FT.	147 FT.	175 FT.	147 FT.	167 FT.	125 FT.	226 FT.	123 FT.	60 FT.	278 FT.	291 FT.	301 FT.	212 FT.	226 FT.	NONE
MINIMUM ROAD FRONTAGE:	100 FT.	96 FT.	153 FT.	125 FT.	121 FT.	82 FT.	130 FT.	92 FT.	281 FT.	120 FT.	50 FT.	23 FT.	45 FT.	71 FT.	NONE
MINIMUM YARD DIMENSIONS:															
PRINCIPAL BUILDING:															
FRONT YARD SETBACK:	40 FT.	69 FT.	44 FT.	53 FT.	70 FT.	68 FT.	63 FT.	41 FT.	42 FT.	55 FT.	73 FT.	97 FT.	86 FT.	121 FT.	NONE
REAR YARD SETBACK:	40 FT.	46 FT.	57 FT.	75 FT.	66 FT.	46 FT.	47 FT.	51 FT.	40 FT.	147 FT.	189 FT.	170 FT.	97 FT.	74 FT.	NONE
ONE SIDE YARD SETBACK:	15 FT.	40 FT.	35 FT.	52 FT.	25 FT.	16 FT.	15 FT.	21 FT.	20 FT.	15 FT.	20 FT.	22 FT.	23 FT.	32 FT.	NONE
COMBINED SIDE YARD SETBACK:	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	40 FT.	NONE
MAXIMUM % OF LOT TO BE OCCUPIED:															
PRINCIPAL BUILDING COVERAGE:	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	20% OF LOT AREA	NONE
MAXIMUM HEIGHT:															
PRINCIPAL BUILDING - FEET:	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	NONE
PRINCIPAL BUILDING - STORIES:	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	NONE
ACCESSORY BUILDING - FEET:	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	35 FEET	NONE
ACCESSORY BUILDING - STORIES:	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	NONE

WETLAND DISTURBANCE:

	PROPOSED		PROPOSED MITIGATION CREATED WETLAND
	DISTURBANCE	IMPERVIOUS	
WETLAND	440 SF	0	SEE MITIGATION PLAN
100' WETLAND ADJACENT AREA	32,150 SF	5,798 SF	

0 20 40 80
SCALE: 1"=40'-0"

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PROJECT # 22-01

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Engineer
STATE OF NEW YORK JOSEPH C. RITINA LICENSED PROFESSIONAL ENGINEER
Joseph C. Ritina, P.E.
NYS Lic. No. 64431

Revisions:

No.	Date	Comments
1.	10/17/2025	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

SCALE: 1" = 40'
DRAWN BY: AKM
DATE: 05/28/25

SITE PLAN

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-101

Sheet C-102

SITE PLAN
PREPARED FOR
MJM LAND DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown — Westchester County, NY

EXISTING CONDITIONS PLAN

SCALE: 1" = 40'
DRAWN BY: AKM
DATE: 05/28/25

Revisions:

No.	Date	Comments
1	10/6/2025	Submission To Planning Board
2	11/17/2025	Submission To Planning Board

Engineer:
JOSEPH C. RIINA
No. 64431
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
Joseph C. Riina, P.E.
NYS Lic. No. 64431

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SCALE 1"=40'-0"
0 20 40 80

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GOMER ST

LONDON RD

FUTURE ROAD

LILLY COURT

PROPOSED CONSTRUCTION ENTRANCE, TYP.

PROPOSED SILT FENCE, TYP.

PROPOSED SOIL STOCKPILE, TYP.

PROPOSED INLET PROTECTION, TYP.

PROPOSED EROSION MATTING ON SLOPES 3:1 OR GREATER

ALL TREES WITHIN THE LIMIT OF DISTURBANCE TO BE REMOVED

PROPOSED LIMIT OF DISTURBANCE: 3.41 AC.

PROPOSED LIMIT OF DISTURBANCE: 3.13 AC.

CONSERVATION EASEMENT

100' WETLAND BUFFER

LIMIT OF WETLANDS

END OF NYCDEP WATERSHED

EXISTING LOCATION EXISTING MANHOLE

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SCALE: 1"=40'-0"
0 20 40 80

Sheet	SITE PLAN PREPARED FOR	EROSION & SEDIMENT CONTROL PLAN	SCALE: 1" = 40'	Revisions:	Engineer:	Site Design Consultants
C-103	MJM LAND DEVELOPMENT CORP. 3232 Gomer Street Town of Yorktown Westchester County, NY		DRAWN BY: AKM	No. Date Comments: 1. 10/8/2025 Submission To Planning Board 2. 11/7/2025 Submission To Planning Board	STATE OF NEW YORK JOSEPH CARLO RIINA LICENSED PROFESSIONAL ENGINEER NO. 64431 Joseph C. Riina, P.E. NYS Lic. No. 64431	Civil Engineers • Land Planners 251-F Underhill Avenue, Yorktown Heights, NY 10598 (914) 962-4488 - Fax: (914) 962-7386 www.sitedesignconsultants.com PROJECT # 22-01
			DATE: 05/28/25			

CORDIAL ROAD IMPROVEMENTS

NOTE:

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SCALE: 1"=40'-0"

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PROJECT # 22-01

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www.sitedesignconsultants.com

Engineer: STATE OF NEW YORK — JOSEPH C. RISINA — LICENSED PROFESSIONAL ENGINEER
Joseph C. Risina, P.E.
NYS Lic. No. 64431

Revisions:

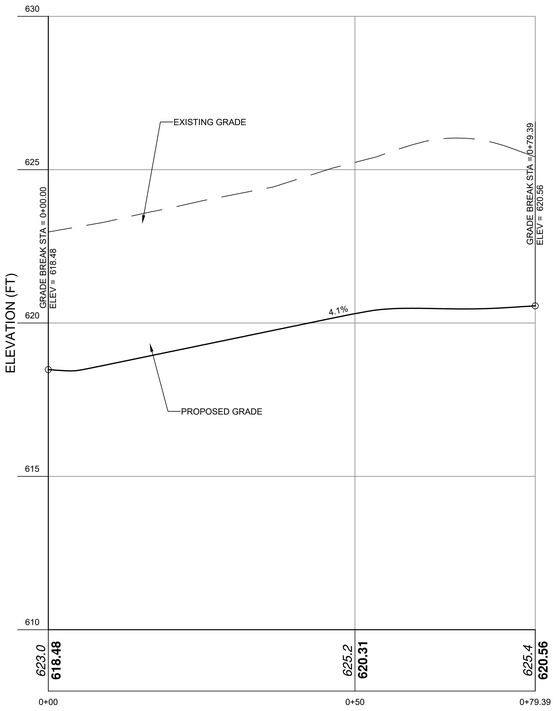
No.	Date	Comments
1.	04/17/2025	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

SCALE: 1" = 40'
DRAWN BY: AKM
DATE: 05/28/25

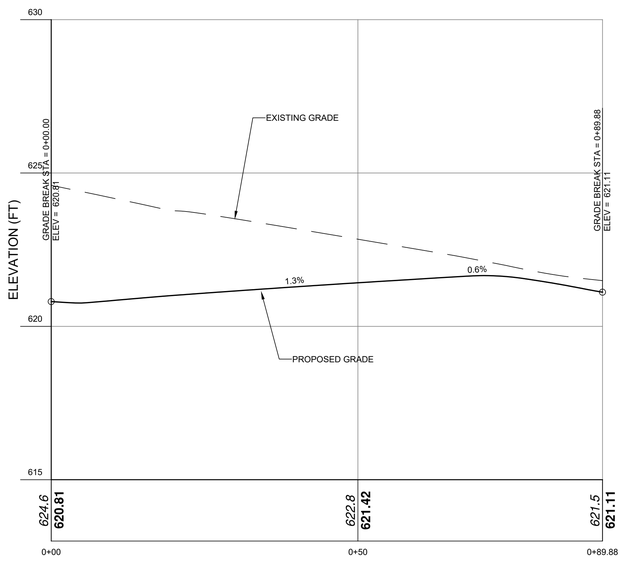
IMPROVEMENT PLAN

SITE PLAN
PREPARED FOR
MJM LAND DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-104



Lot 1 Driveway
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



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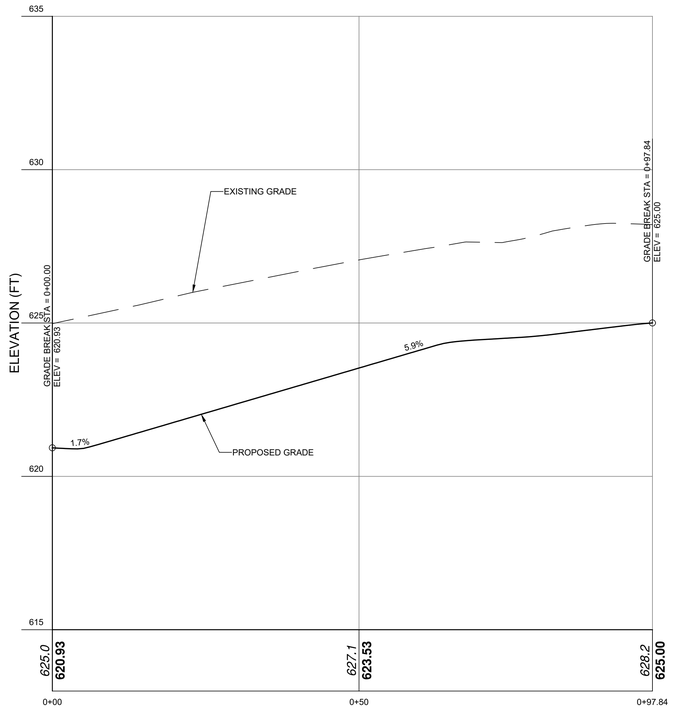
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 3 Driveway
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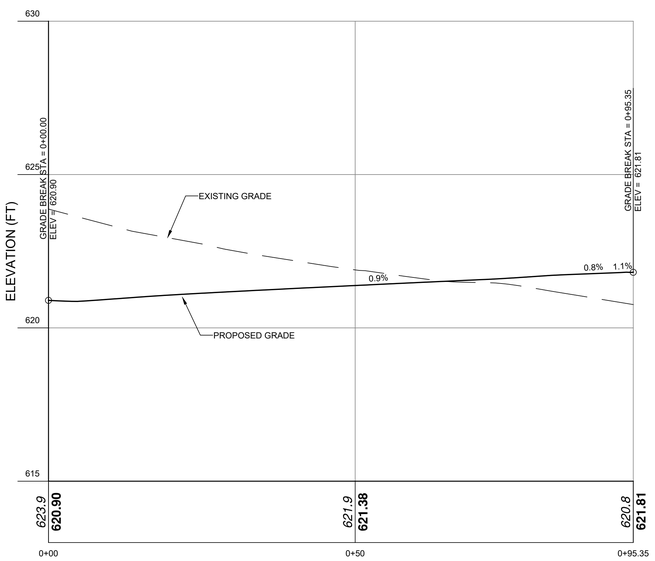
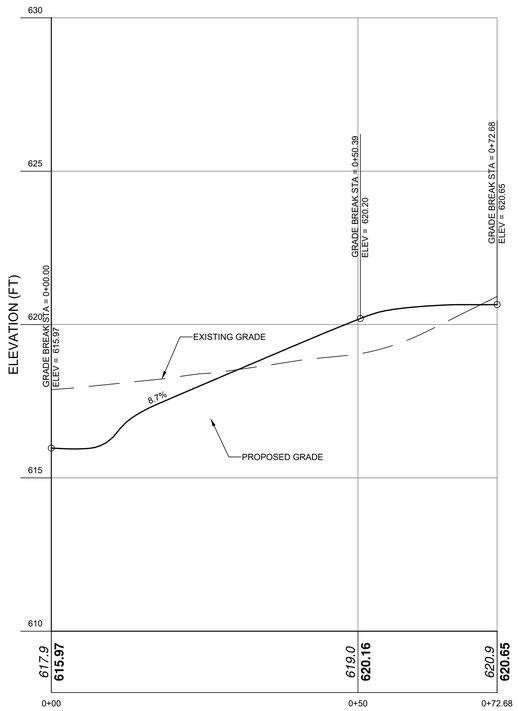
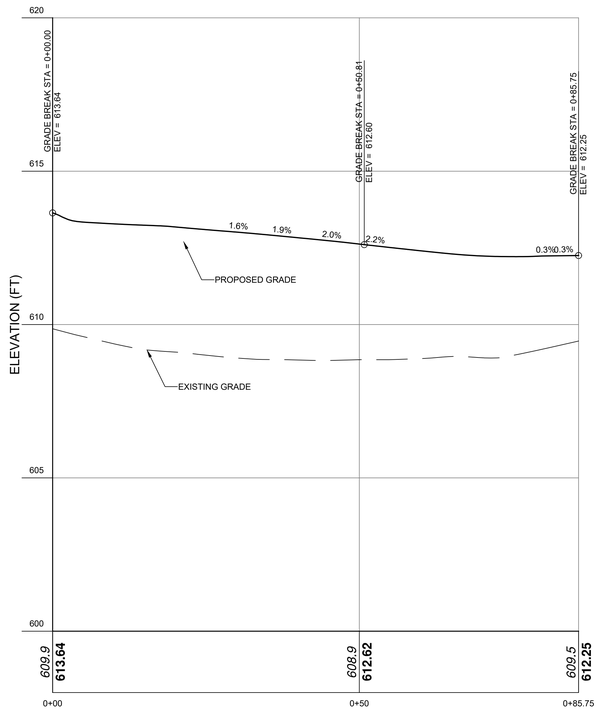
HORIZ. SCALE: 1" = 10



Lot 4 Driveway
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 5 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 6 Driveway
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10

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PROJECT # 22-01

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STATE OF NEW YORK JOSEPH C. RIINA 073191 LICENSED PROFESSIONAL ENGINEER
Joseph C. Riina, P.E.
NYS Lic. No. 64431

Revisions:

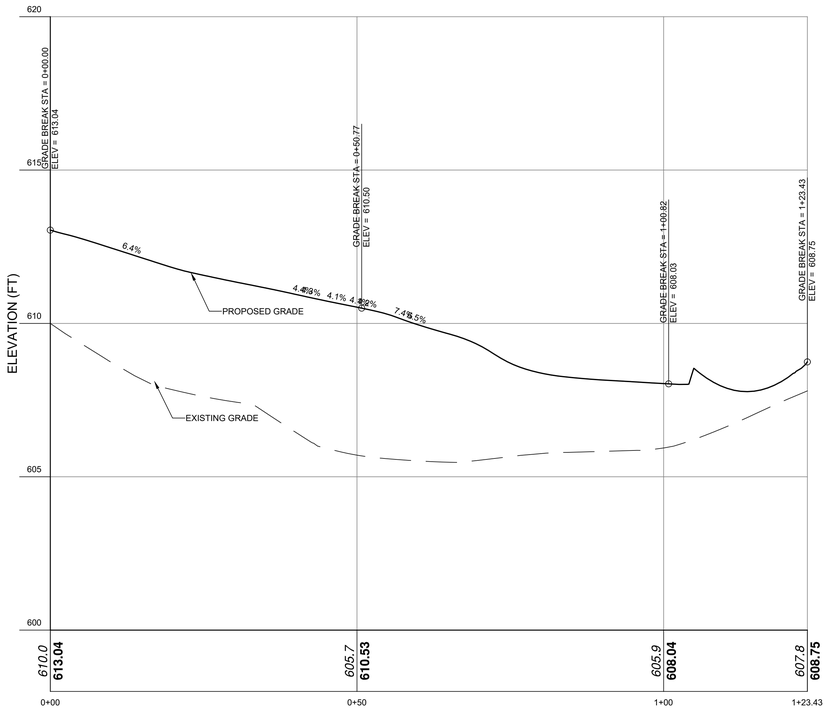
No.	Date	Comments:
1.	10/8/2025	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

SCALE:
DRAWN BY: AKM
DATE: 05/28/25

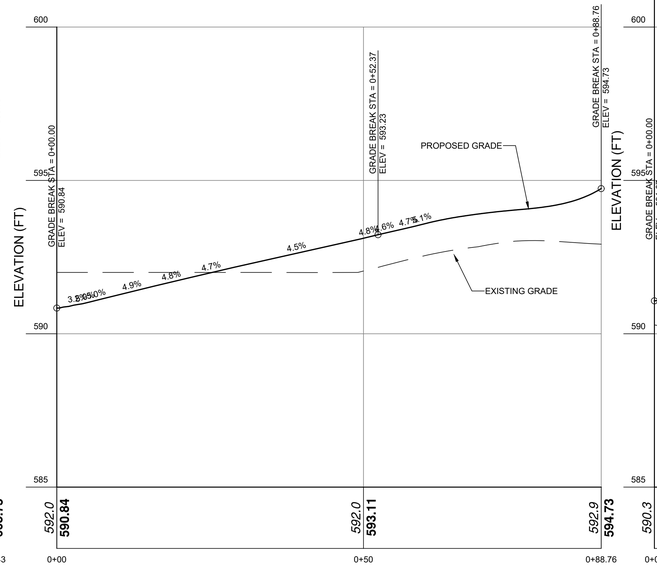
DRIVEWAY PROFILES

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

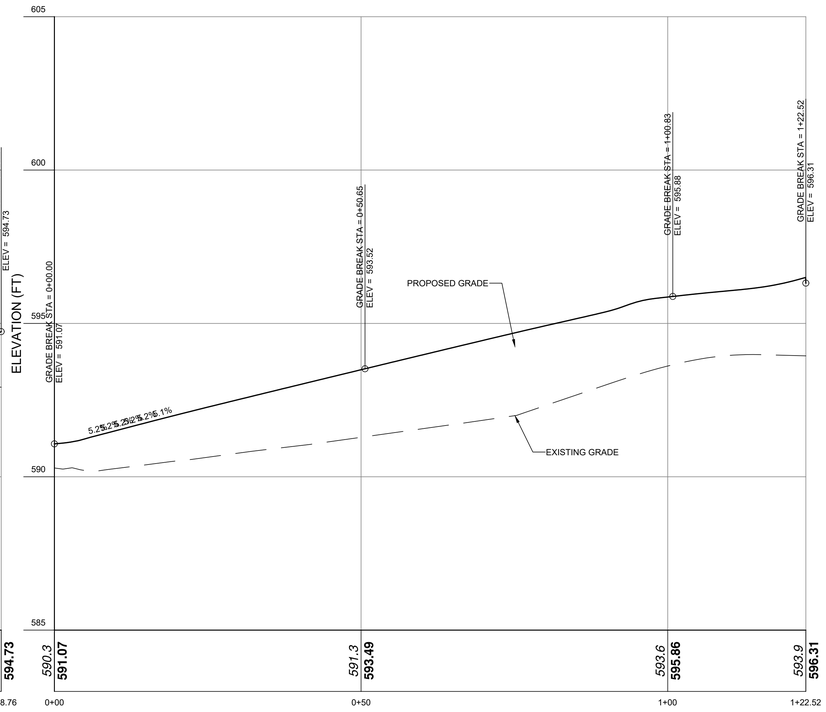
Sheet C-201



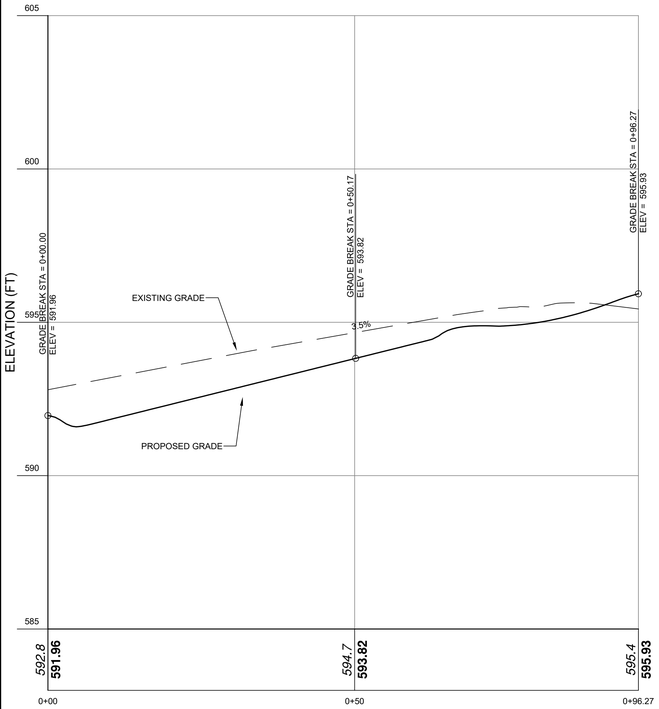
Lot 7 Driveway
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



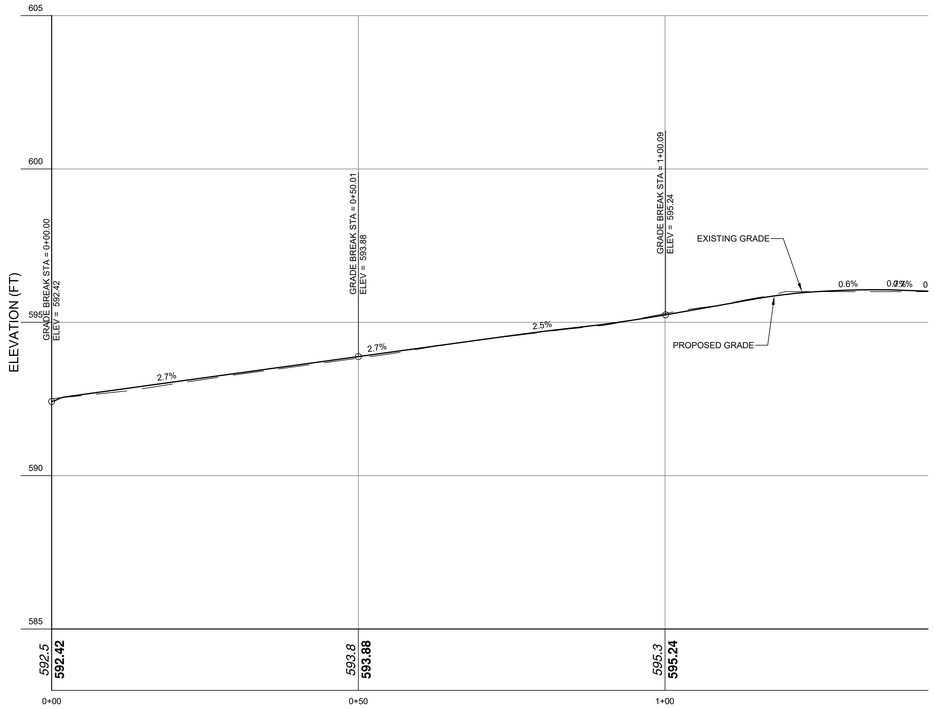
Lot 8 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 9 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 10 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 11 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10

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PROJECT # 22-01

STATE OF NEW YORK JOSEPH C. RIINA 076844 LICENSED PROFESSIONAL ENGINEER
Engineer: Joseph C. Riina, P.E.
NYS Lic. No. 044431

Revisions:
No. Date Comments:
1. 10/8/2025 Submission To Planning Board
2. 11/17/2025 Submission To Planning Board

SCALE:
DRAWN BY: AKM
DATE: 05/28/25

DRIVEWAY PROFILES

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-202

NOTE:
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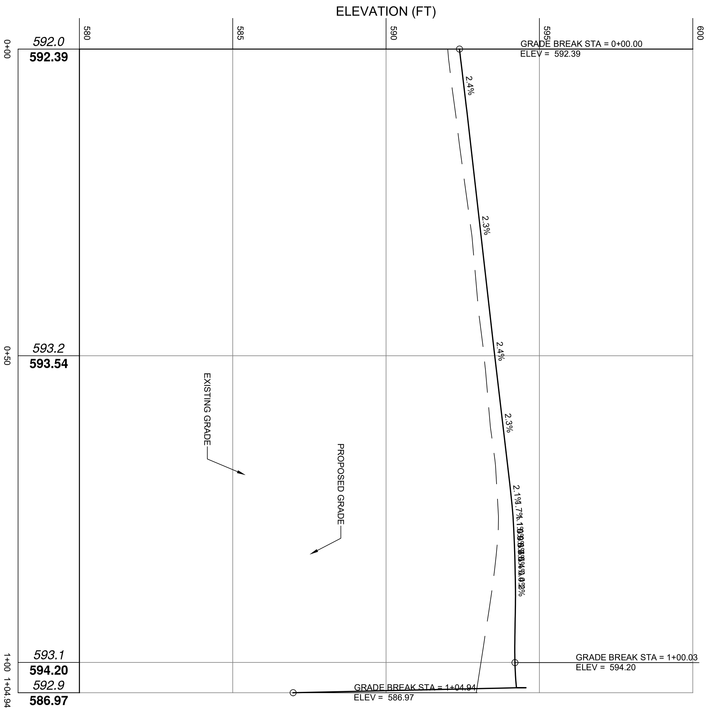
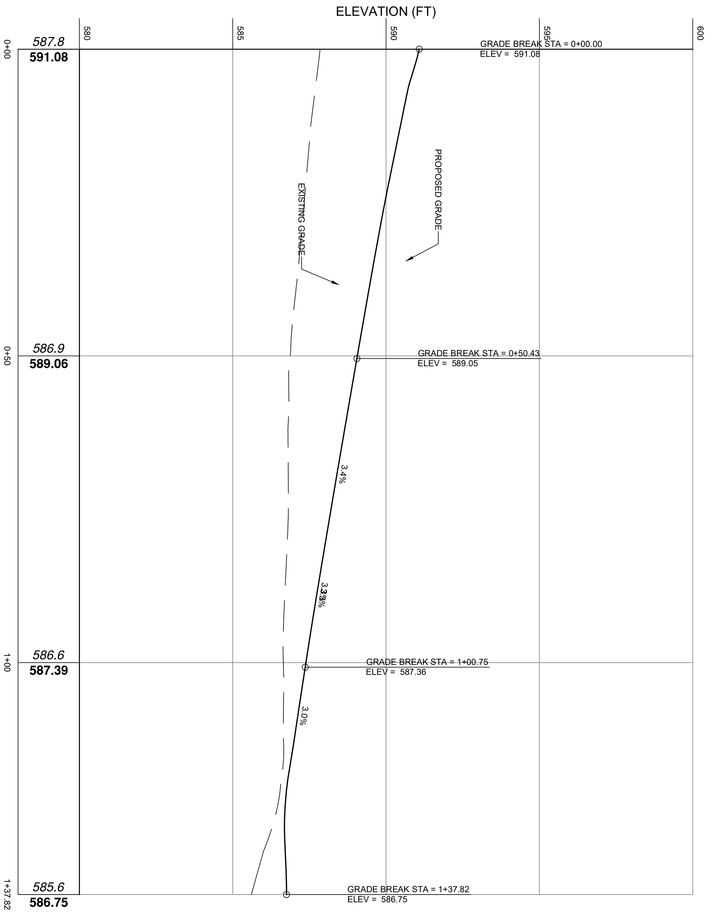


Lot 12 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Lot 13 Drive
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10

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Sheet	SITE PLAN PREPARED FOR	DRIVEWAY PROFILES	SCALE:	Revisions:
C-203	MJM LAND DEVELOPMENT CORP. 3232 Gomer Street Town of Yorktown Westchester County, NY		DRAWN BY: AKM DATE: 05/28/25	No. Date Comments: 1. 10/8/2025 Submission To Planning Board 2. 11/17/2025 Submission To Planning Board

Engineer:
STATE OF NEW YORK · JOSEPH CARLO RIINA · NO. 64431 · LICENSED PROFESSIONAL ENGINEER
Joseph C. Riina, P.E.
NYS Lic. No. 64431

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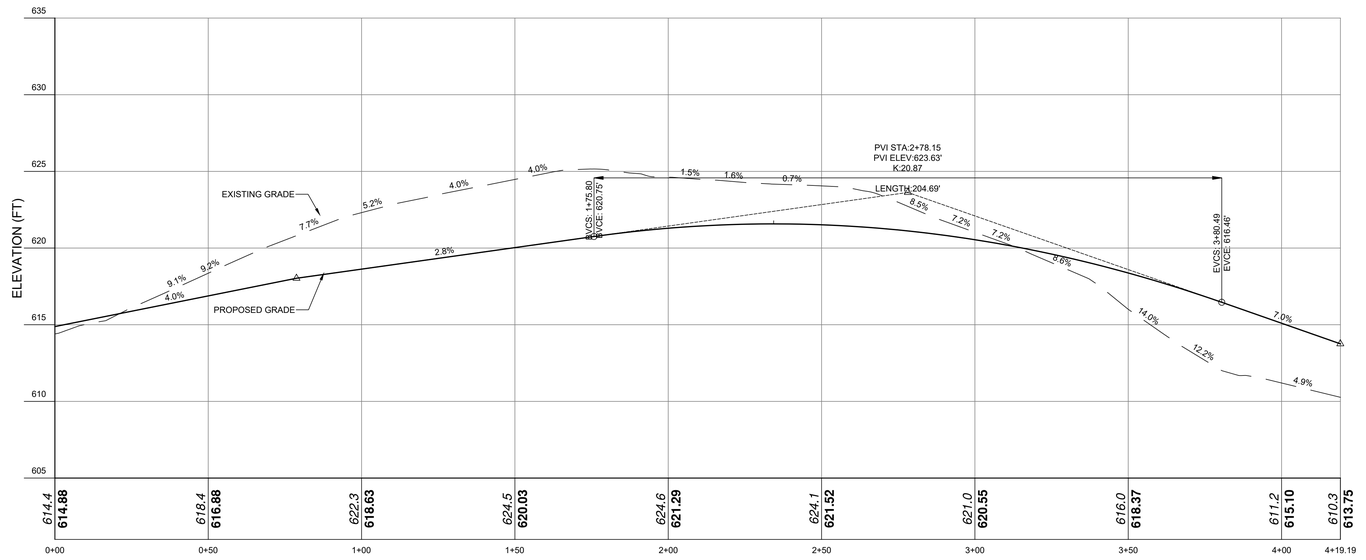
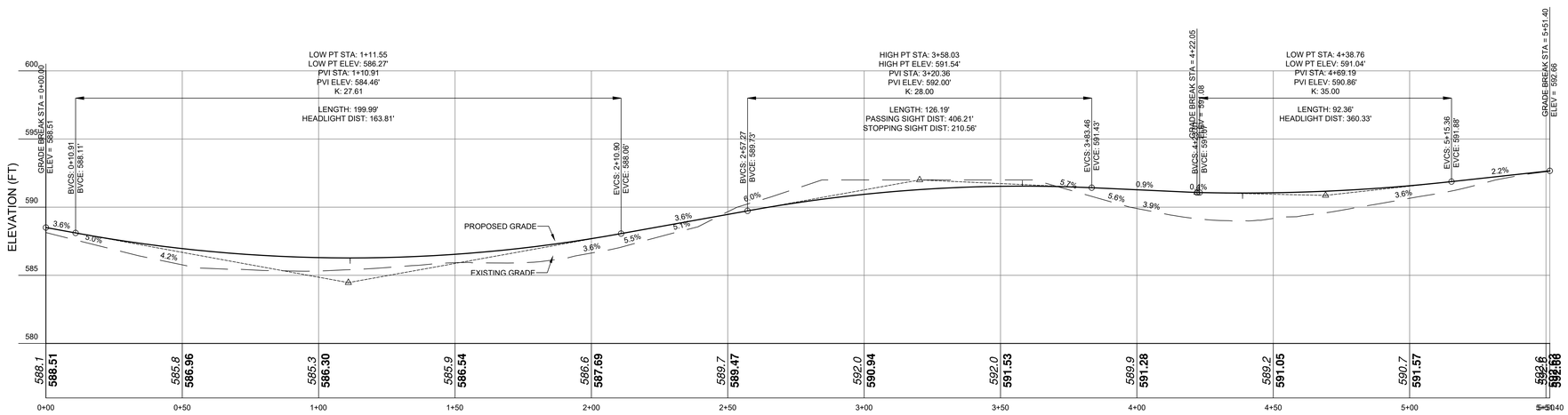


Gomer St
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10



Cordial Road Entry (1)
VERT. SCALE: 1" = 2
HORIZ. SCALE: 1" = 10

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PROJECT # 22-01

Engineer: Joseph C. Rima, P.E.
NYS Lic. No. 044431

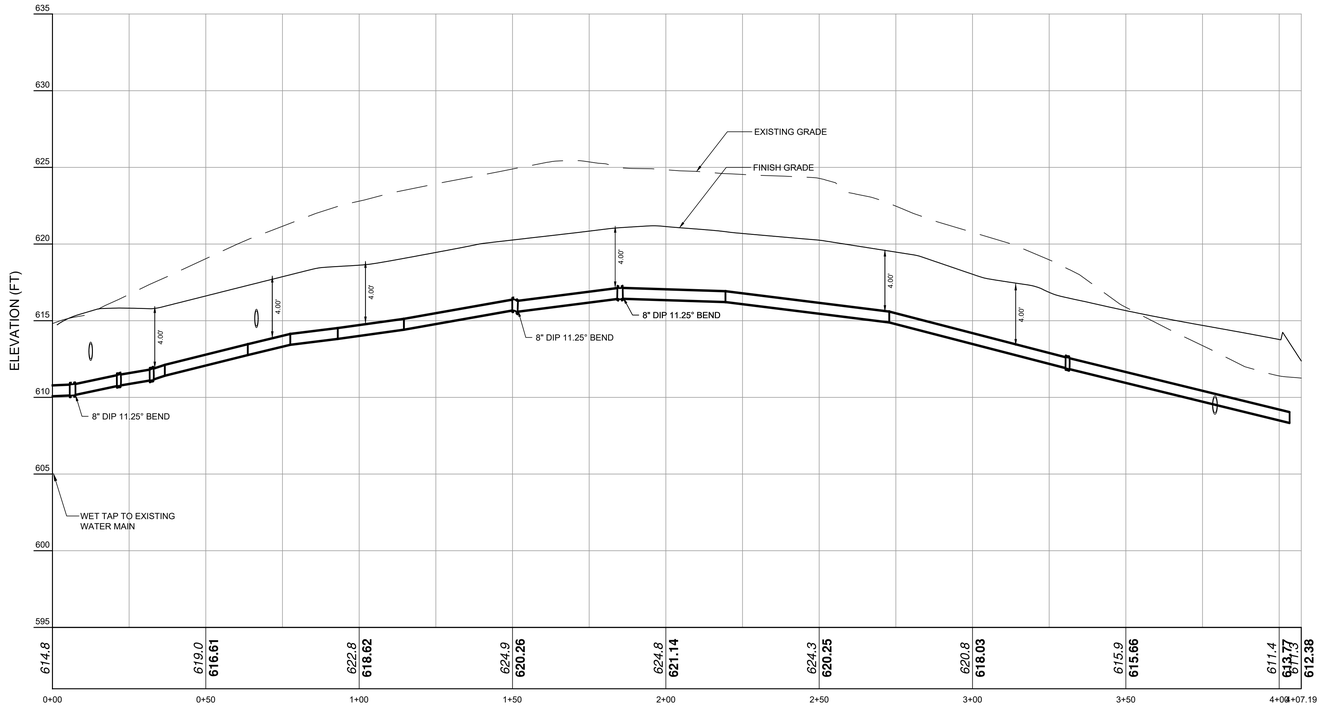
Revisions:
No. Date: Comments:
1. 10/8/2025 Submission To Planning Board
2. 11/17/2025 Submission To Planning Board

SCALE:
DRAWN BY: AKM
DATE: 05/28/25

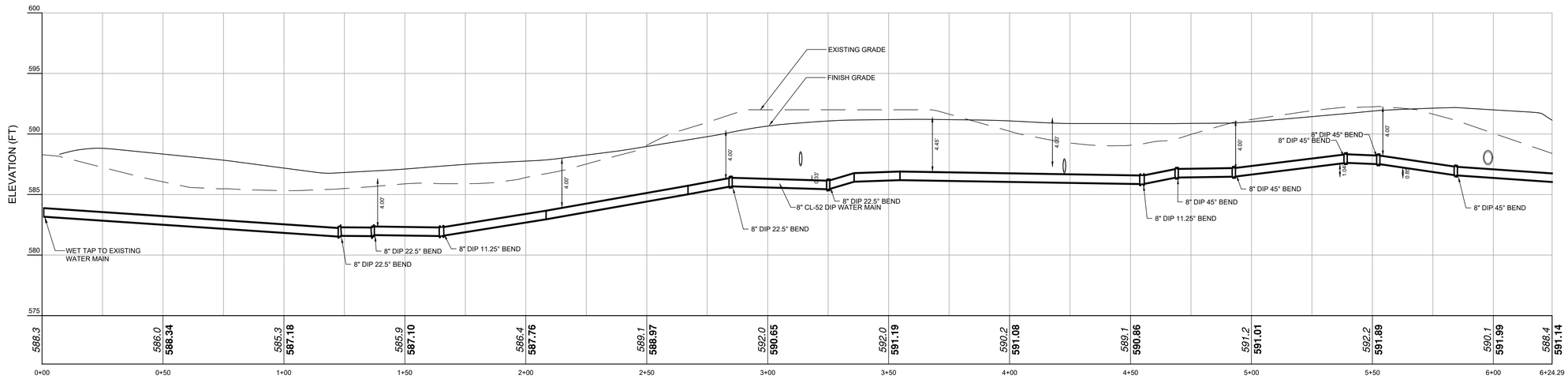
ROAD PROFILES

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-204



GOMER ST WATER MAIN
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20



CORDIAL ST WATER MAIN
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20

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PROJECT # 22-01

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Engineer
STATE OF NEW YORK JOSEPH C. RISINA LICENSED PROFESSIONAL ENGINEER
Joseph C. Risina, P.E.
NYS Lic. No. 64431

Revisions:

No.	Date	Comments
1.	10/28/25	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

SCALE: 1:20
DRAWN BY: AKM
DATE: 05/28/25

WATER MAIN PROFILES

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Yorktown Heights
Town of Yorktown
Westchester County, NY

Sheet C-205

NOTE:
1. THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY LINK LAND SURVEYOR, P.C., DATED 01/11/25. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

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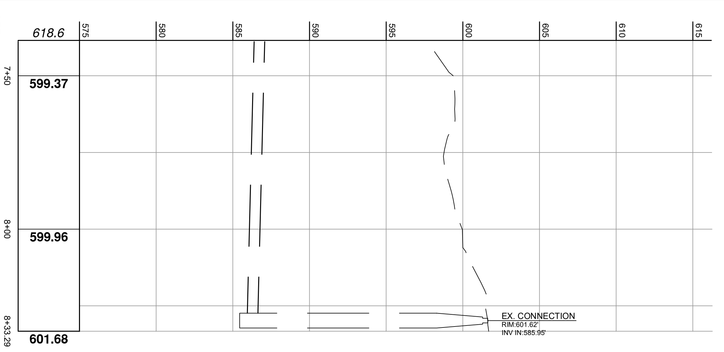
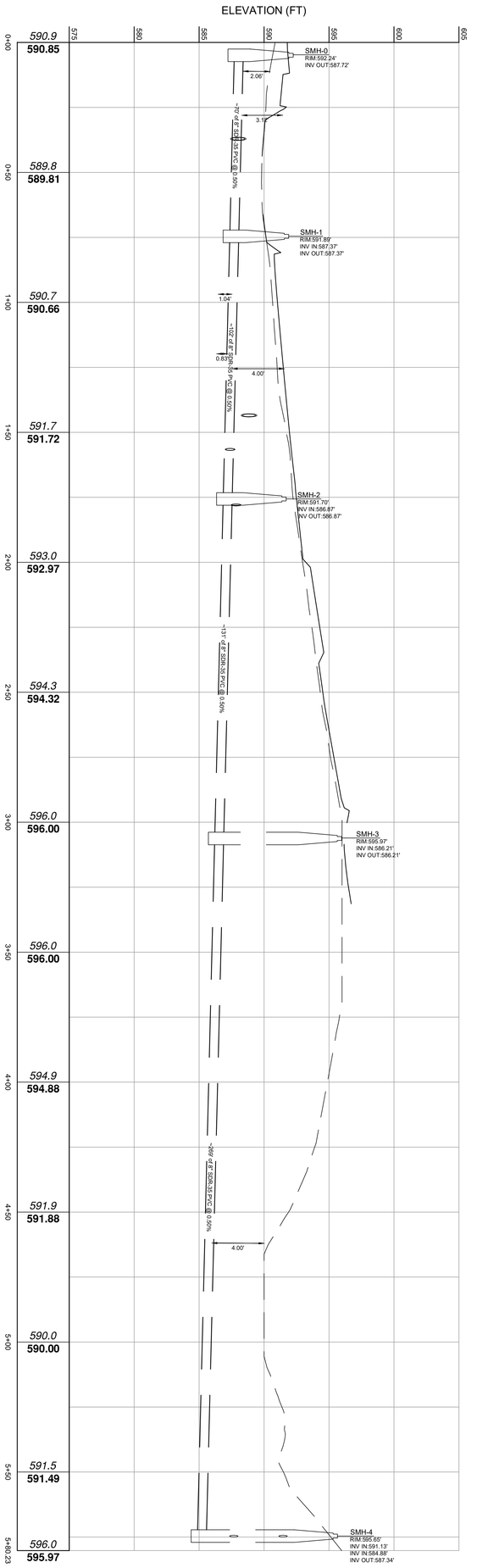
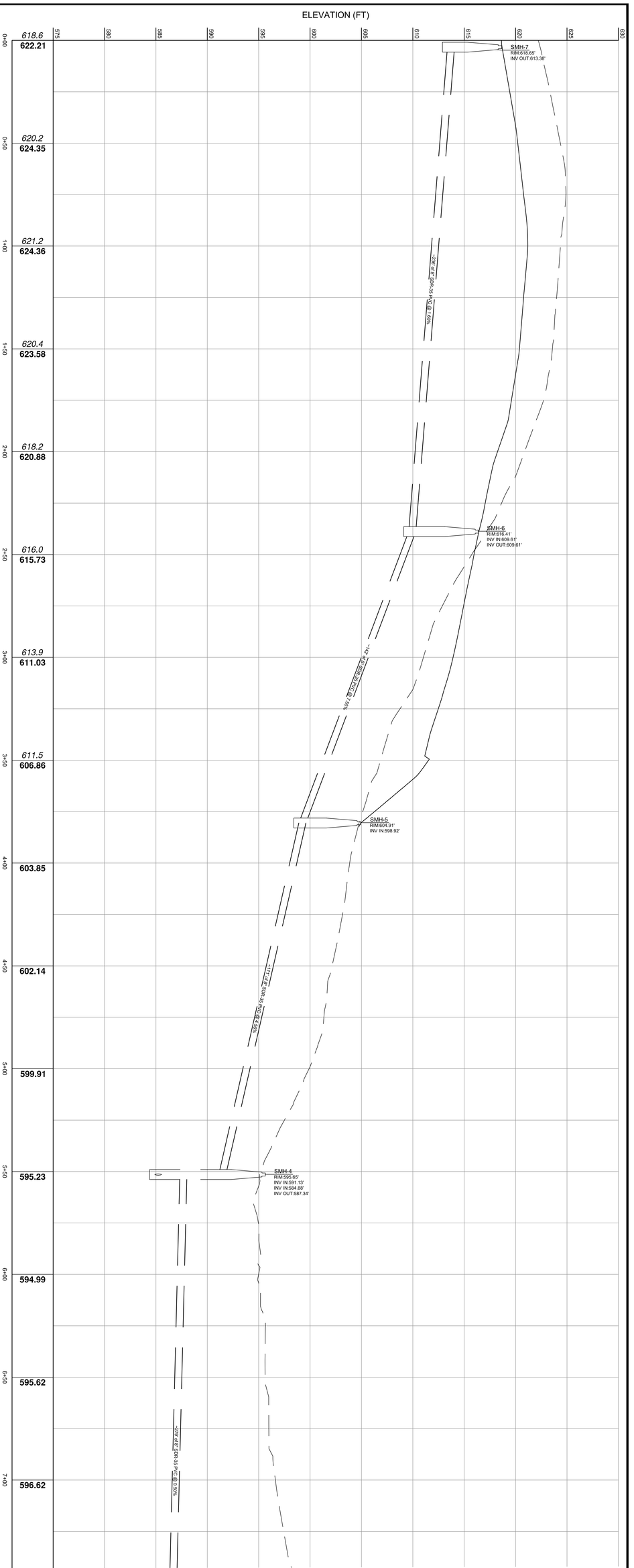




MICHAEL CT SEWER
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20



JAKE'S CT SEWER
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20

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New York Statewide Law
Requires notification of excavation or demolition work to be done in the vicinity of underground facilities. Notice must be given to the owners of such facilities through the one-call notification center designated by the Public Service Commission. Excavators must also check for unmarked facilities.

Sheet C-206	SITE PLAN PREPARED FOR MJM LAND DEVELOPMENT CORP. 3232 Gomer Street Town of Yorktown — Westchester County, NY	SEWER MAIN PROFILE	SCALE: #### DRAWN BY: AKM DATE: 05/28/25

Revisions:

No.	Date	Comments:
1.	10/8/2025	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

Engineer
STATE OF NEW YORK · JOSEPH CARLO RIINA · NO. 64431 · LICENSED PROFESSIONAL ENGINEER
Joseph C. Riina, P.E.
NYS Lic. No. 64431

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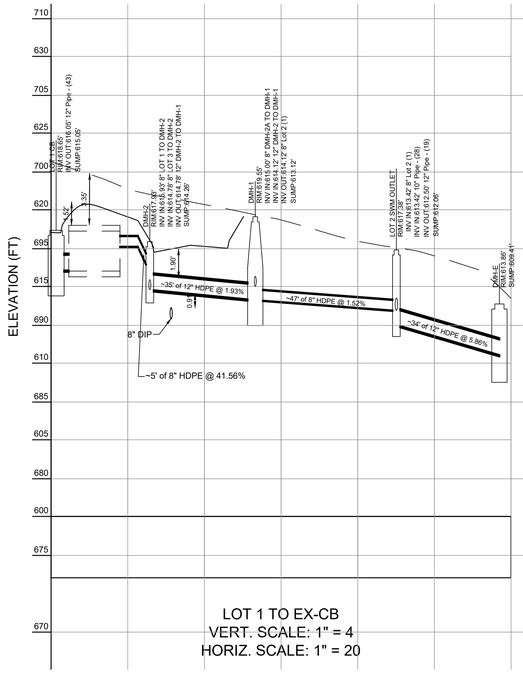
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.sitedesignconsultants.com

PROJECT # 22-01



LOT 1 TO EX-CB
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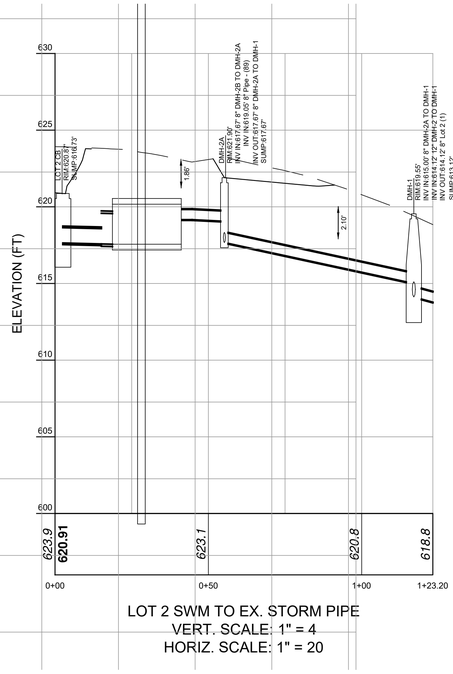
HORIZ. SCALE: 1" = 20



LOT 2 SWM TO EX. STORM PIPE
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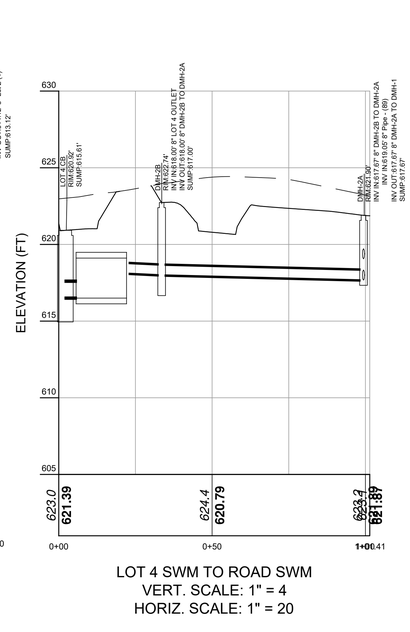
HORIZ. SCALE: 1" = 20



LOT 4 SWM TO ROAD SWM
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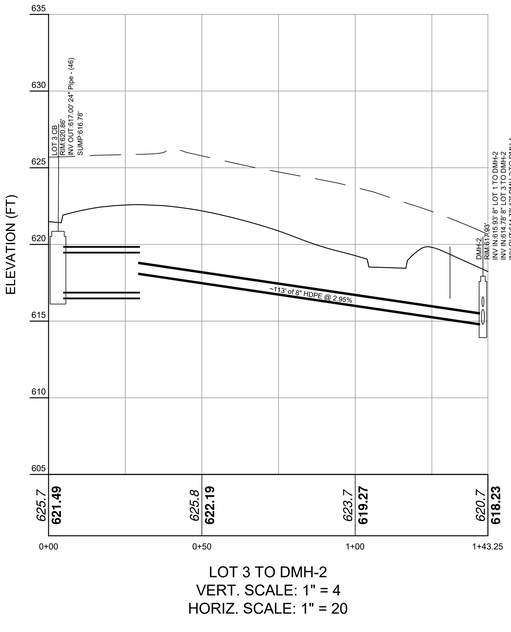
HORIZ. SCALE: 1" = 20



LOT 3 TO DMH-2
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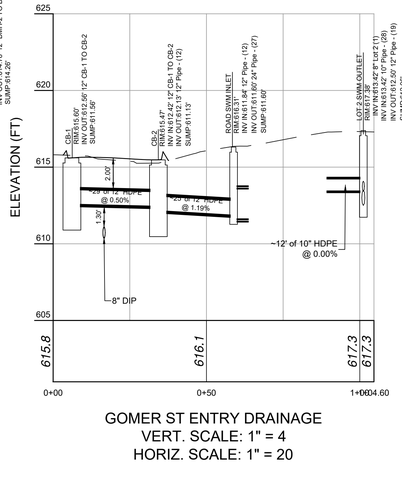

GOMER ST ENTRY DRAINAGE
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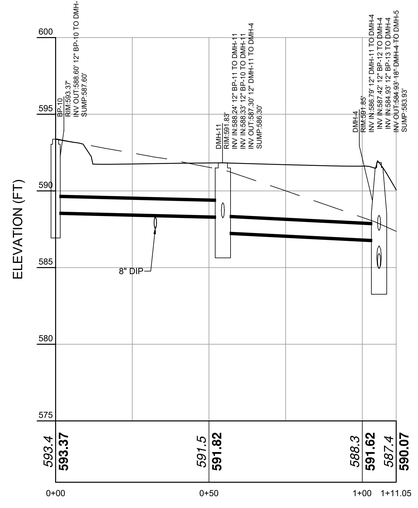

LOT 10 TO DMH-4
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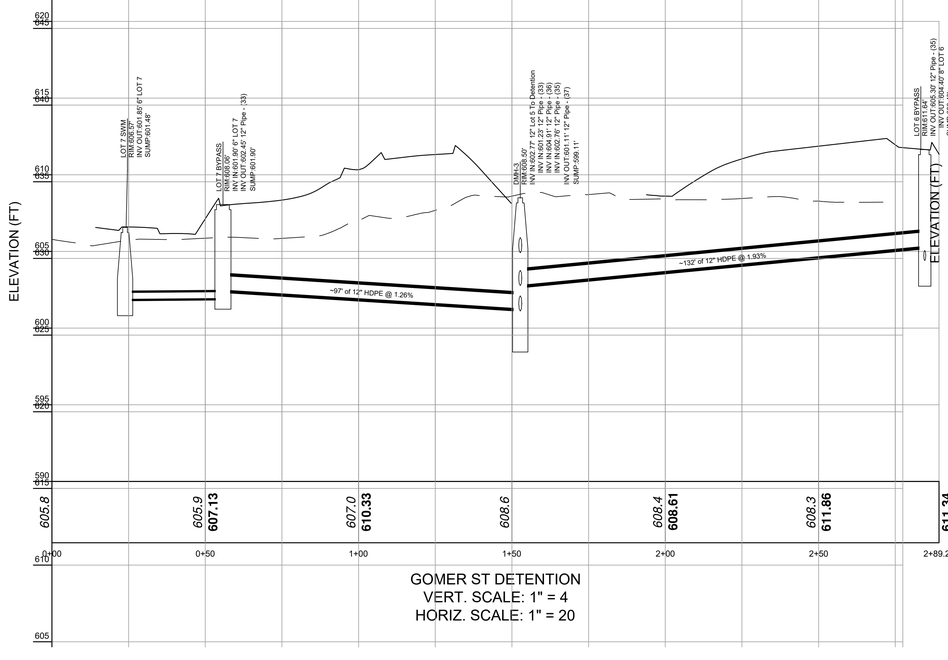

GOMER ST DETENTION
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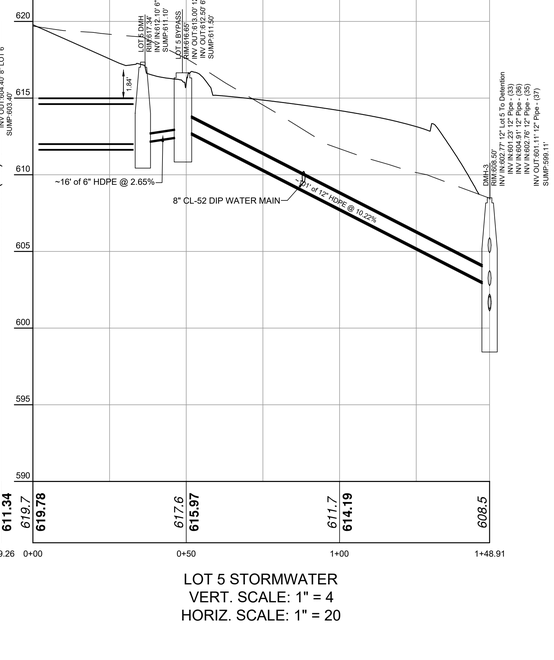

LOT 5 STORMWATER
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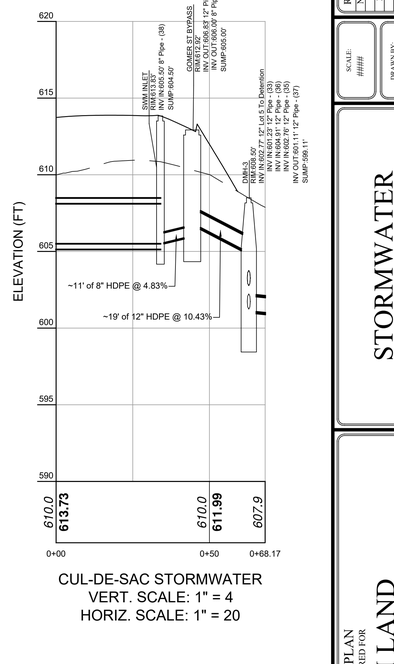
HORIZ. SCALE: 1" = 20



CUL-DE-SAC STORMWATER
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20

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PROJECT # 22-01

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2.	11/17/2025	Submission To Planning Board

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DRAWN BY: AKM
DATE: 05/28/25

STORMWATER PROFILES

SITE PLAN
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DEVELOPMENT CORP.
3232 Gomer Street
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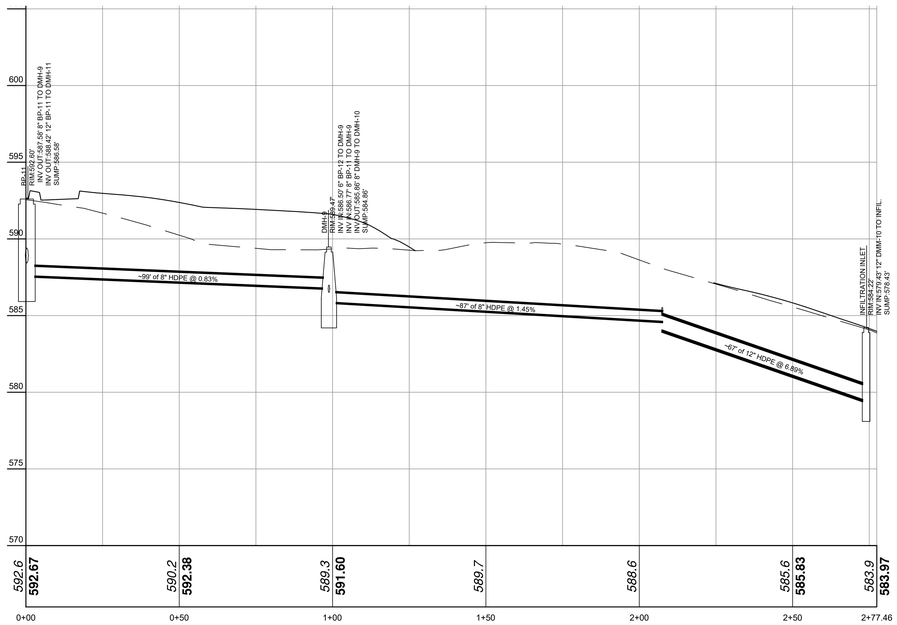
Westchester County, NY

Sheet C-207



LOT 11 TO LOT 13 SWM
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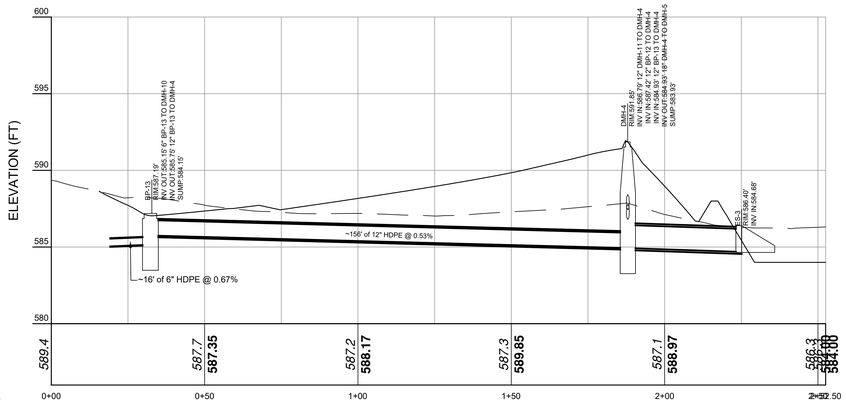
HORIZ. SCALE: 1" = 20



DMH-10 TO DMH-4
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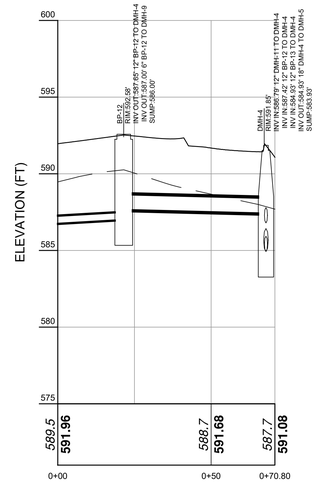

DMH-9 TO DMH-4
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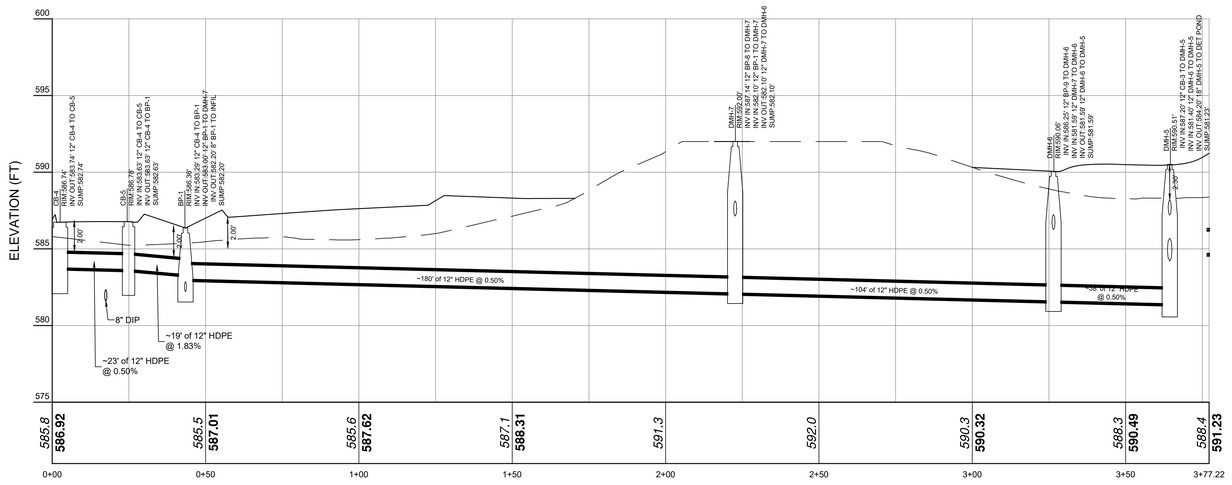

CB-1 TO LOT 12
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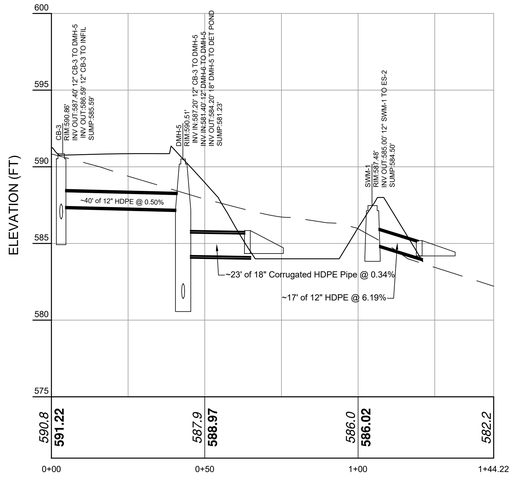

DETENTION POND
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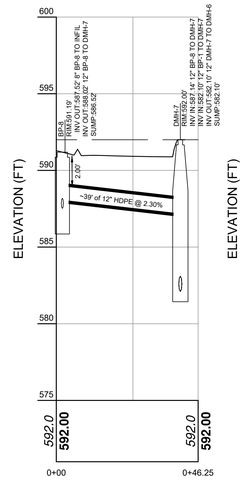
HORIZ. SCALE: 1" = 20



LOT 8 TO DMH-7
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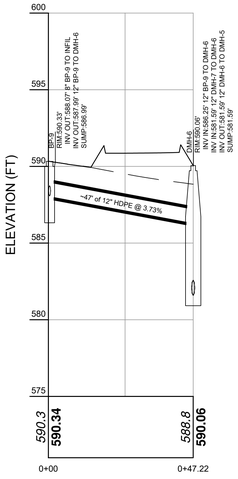

LOT 9 TO DMH-6
VERT. SCALE: 1" = 4
HORIZ. SCALE: 1" = 20

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PROJECT # 22-01

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STORMWATER PROFILES

SITE PLAN
PREPARED FOR
MJM LAND DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-208

GENERAL NOTES:

1. THE ENGINEER WHOSE SEAL APPEARS HEREON HAS NOT BEEN RETAINED FOR SUPERVISION OF CONSTRUCTION, SUBSEQUENTLY,HE IS NOT RESPONSIBLE FOR CONSTRUCTION AND THEREFORE ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION PRACTICES, PROCEDURES, AND RESULTS THEREFROM.
2. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE OR HELD ACCOUNTABLE FOR THE INTEGRITY OF ANY STRUCTURES CONSTRUCTED OR UNDER CONSTRUCTION PRIOR TO THE APPROVAL OF THE PLANS.
3. THE TOWN ENGINEER'S OFFICE AND WATER DISTRICT OFFICE IS TO BE NOTIFIED 24 HOURS BEFORE COMMENCING SITE CONSTRUCTION OR WATER MAIN CONNECTION.
4. ALL WORK IS TO BE IN ACCORDANCE WITH THE TOWN CODE OF PRACTICE AND SPECIFICATIONS.
5. ALL CONDITIONS, LOCATIONS, AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
6. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER WHOSE SEALAPPEARS ON THESE DRAWINGS. ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
7. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL IN A "CODE 53" PRIOR TO CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS. 9. SUBSTRUCTURES AND THEIR ENCROACHMENTS BELOW GRADE, IF ANY, ARE NOT SHOWN.
9. ANY PROPOSED ELECTRIC AND/OR TELEPHONE SERVICE LINES ARE TO BE PLACED UNDERGROUND.
10. THE DESIGN ENGINEER DISCLAIMS ANY LIABILITY FOR DAMAGE OR LOSS INCURRED DURING OR AFTER CONSTRUCTION.
11. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLAN AS NECESSARY.

CONTRACTOR RESPONSIBILITIES:

1. ALL WORK ON THE PROJECT SHALL BE PERFORMED IN A WORKMAN LIKE MANNER AND SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INDUSTRY. THE OWNER WILL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF THE WORK. MATERIALS AND WORK DEEMED UNACCEPTABLE WILL BE REMOVED AND REDONE AT THE SOLE COST AND RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT HIS WORK AND WILL BE HELD RESPONSIBLE FOR CONSEQUENTIAL DAMAGES DUE TO HIS ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEE, AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY THE WORK UNDER A SEPARATE CONTRACT WITH THE CONTRACTOR.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY SHORE EXISTING UTILITIES IF REQUIRED BY CONSTRUCTION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE THE BUILDING INSPECTOR IN ADVANCE OF HIS WORK OR AS THE INSPECTOR DEEMS APPROPRIATE.
5. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLAN AS NECESSARY.
6. ALL CHANGES MADE TO THIS PLAN SHALL BE APPROVED BY THE ENGINEER WHOSE SEAL APPEARS ON THESE DRAWINGS. ANY UNAUTHORIZED ALTERATION OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.
7. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS, AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
9. THE CONTRACTOR SHALL VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL SECURE & PAY FOR A BUILDERS RISK POLICY TO COVER THE PERIOD OF CONSTRUCTION. THE ENGINEER & OWNER SHALL BE NAMED AS ADDITIONAL INSURED. ALL CONTRACTORS EMPLOYED AT THE SITE SHALL BE COVERED BY WORKMAN'S COMPENSATION.

GENERAL CONSTRUCTION NOTES:

1. BENCH MARKS USING U.S.G.S. DATUM SHALL BE OF SUCH ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS.
2. CONSTRUCTION ACTIVITY SHALL BE LIMITED FROM 8:00 A.M. TO 6 P.M., AND NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SUNDAYS OR LEGAL NEW YORK STATE HOLIDAYS. WHERE BLASTING IS NECESSARY, IT SHALL OCCUR FROM MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 A.M. AND 6:00 P.M. NO BLASTING SHALL OCCUR ON HOLIDAYS, SATURDAY OR SUNDAY. ALL BLASTING SHALL ALSO BE COMPLETED IN ACCORDANCE WITH THE TOWN OF YORKTOWN AND NEW YORK STATE BLASTING ORDINANCES.
3. ANY SOIL THAT IS UNSUITABLE FOR DEVELOPMENT OF BUILDINGS OR ROADWAYS SHALL BE REMOVED FROM AREAS TO BE DEVELOPED AND SHALL BE DISPOSED OF WITHIN THE SITE IN NEW EMBANKMENTS WHERE STRUCTURAL LOADING, I.E. A BUILDING OR ROADWAY, WILL NOT TAKE PLACE. WHEN CONSTRUCTION IS PROPOSED TO OCCUR IN SPECIFIC AREAS WHERE SOILS ARE OF QUESTIONABLE SUITABILITY, THE APPLICANT SHALL PROVIDE SOILS ENGINEERING REPORTS AS REQUIRED BY THE PLANNING BOARD ENGINEER, PRIOR TO THE CONSTRUCTION OF ROADWAYS AND, AS REQUIRED BY THE BUILDING INSPECTOR, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
4. NO TOPSOIL SHALL BE REMOVED FROM THE SITE.
5. ROCK CUT STABILITY IS TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER AND SHALL BE MODIFIED IF REQUIRED.
6. NO CRUSHING/PROCESSING IS PERMITTED ON THE SITE WITHOUT PRIOR APPROVAL BY THE TOWN OF YORKTOWN PLANNING BOARD.

GENERAL STORM DRAINAGE & UTILITY NOTES

1. ALL UTILITIES, INCLUDING ELECTRIC LINES, TELEPHONE, WATER, SANITARY SEWER LINES, AND STORM SEWER LINES SHALL BE LOCATED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF YORKTOWN AND THE UTILITY COMPANIES HAVING JURISDICTION.
2. LOCATION OF GAS AND WATER VALVES, ELECTRIC AND TELEPHONE POLES ARE TO BE DETERMINED BY PROPER AUTHORITIES AND APPROVED, AS TO LOCATION, BY THE TOWN ENGINEER.
3. EACH BUILDING CONSTRUCTED HEREON SHALL BE OF SUCH AN ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS. IN THE EVENT THAT THIS IS NOT FEASIBLE, THE CONTRACTOR SHALL INSTALL TYPICAL YARD DRAINS AS REQUIRED AND CONNECT THEM TO THE STORM DRAINAGE SYSTEM OR AS DIRECTED BY THE PROJECT ENGINEER.
4. ROOF LEADERS AND FOOTING DRAINS SHALL EMPTY INTO THE STORM DRAINAGE SYSTEM OR DISCHARGE DIRECTLY TO STORMWATER MANAGEMENT SYSTEMS IF GRADES PERMIT, AND CONNECTION TO THE STORM SYSTEM IS NOT FEASIBLE, FOOTING DRAINS ONLY MAY DISCHARGE TO DAYLIGHT AT THE REAR OF BUILDINGS. FOOTING DRAINS SHALL EXTEND A MINIMUM OF 30 FT. FROM THE REAR FACE OF THE BUILDING WHEN POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE DISCHARGE OF GROUND WATER OR STORM WATER, EITHER BY GRAVITY OR BY PUMPING, BE DISCHARGED TO ANY SANITARY SEWER SYSTEM.
5. ANY REVISIONS AND/OR ADDITIONS TO THE ROAD STORM DRAINAGE SYSTEMS CURRENTLY SHOWN ON THE PLANS WHICH ARE DEEMED NECESSARY DURING CONSTRUCTION MUST BE MADE BY THE CONTRACTOR AS REQUIRED BY THE TOWN AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.
6. STORM DRAIN PIPING TO BE HIGH DENSITY POLYETHYLENE AS SHOWN ON THE CONSTRUCTION DRAWINGS. MINIMUM COVER TO BE 2' UNLESS OTHERWISE NOTED.
7. INTERCEPTOR DRAINS ARE TO BE INSTALLED WHERE REQUIRED BY THE TOWN OR PROJECT ENGINEER DURING ROAD CONSTRUCTION.
8. ALL EXISTING UNDERGROUND DRAINS ENCOUNTERED DURING CONSTRUCTION OF PROPOSED ROADS ARE TO BE CONNECTED TO PROPOSED DRAINAGE IMPROVEMENTS. CONNECTIONS TO BE APPROVED BY THE TOWN ENGINEER.
9. PRIOR TO FINAL APPROVAL AND OPERATION OF DRAINAGE SYSTEM, CONTRACTOR SHALL CLEAR ALL ACCUMULATED SEDIMENT AND/OR DEBRIS FROM DRAINAGE STRUCTURES, MANHOLES, CULVERTS, OUTLETS AND DRAIN INLETS. ENGINEER SHALL BE NOTIFIED FOR FINAL INSPECTION.
10. ALL STRUCTURES SHALL BE SET ONE INCH BELOW PAVEMENT.
11. STREET OPENING PERMIT FROM THE TOWN OF YORKTOWN D.P.W. MAY BE REQUIRED FOR INSTALLATIONS IN PUBLIC ROADS.

WALL NOTES:

1. EXCAVATION IN GENERAL SHALL CONFORM TO THE LINES AND GRADES SHOWN ON THE CONTRACT DRAWINGS.
2. THE ENGINEER SHALL BE NOTIFIED OF UNSUITABLE SUB-GRADE SOILS PRIOR TO PLACEMENT OF WALL.
3. WALLS TO BE CONSTRUCTED ON VIRGIN IN-SITU SOIL SHALL HAVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 2 TSF. ALL OTHER CONDITIONS SHALL BE APPROVED BY THE GEOTECHINICAL ENGINEER.
4. TO INSURE A PROPER BEARING SURFACE, THE WALL SHALL BE CONSTRUCTED ON NATURAL IN-SITU SOIL, THE CONTRACTOR SHALL STRIP ALL TOP SOIL. THE AREA SHALL THEN BE COMPACTED USING SUITABLE COMPACTION EQUIPMENT. A MINIMUM OF 3 PASSES SHALL BE MADE.
5. WALLS SHALL NOT BE CONSTRUCTED ON WET OR FROZEN GROUND.
6. SOILS USED AS BACKFILL SHALL CONSIST OF CLEAN DRY SOIL. THE MATERIAL SHALL BE GRANULAR AND FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL. IN GENERAL THE SOIL SHALL BE NON-PLASTIC WITH A PLASTICITY INDEX LESS THAN 5 AND SHALL CONFORM TO THE AASHTO SOIL CLASSIFICATION SYSTEM FOR AN "A-1-A" SOIL . HOWEVER THE MAXIMUM SIZE SHALL BE 6". IN GENERAL ALL FILL SHALL BE APPROVED BY THE ENGINEER PRIOR TO IT'S USE. WET MATERIAL OR UNSUITABLE MATERIAL SHOULD NOT BE USED.
7. BACKFILL SHALL BE PLACED AND COMPACTED IN A MAXIMUM 12" LIFTS.
8. ALL BOULDER RETAINING WALLS SHALL HAVE A GEOTEXTILE FABRIC BACKING FOR THE FULL HIEGHT OF THE WALL AS MANUFACTURED BY MIRAFI OR APPROVED EQUAL.
9. IF GROUNDWATER IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE IF THE ADDITION OF AN UNDERDRAIN MAY BE REQUIRED.
10. THE CONTRACTOR SHALL NOT USE LARGE OR HEAVY CONSTRICTION EQUIPMENT WITHIN 5' OF THE RETAINING WALLS OR NEW FOUNDATION WALLS. HAND OPERATED COMPACTING EQUIPMENT SHALL BE USED WITHIN 5' OF THE WALL FACE.
11. ALTERNATE WALL DESIGNS MUST BE SEALED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER THE MINIMUM FACTORS OF SAFETY FOR SLIDING AND OVERTURNING SHALL BE 2.0.
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WATERMAIN NOTES

I. DISTRIBUTION SYSTEM - WATERMAIN

A. GENERAL

THE CONTRACTOR SHALL PERFORM THE NECESSARY EXCAVATION, BACKFILLING, CLEARING, GRUBBING, SHEETING, SHORING, DO ALL SHAPING OF TRENCHES, PUMPING AND BAILING, LAYING AND JOINING OF ALL PIPES, PROTECT AND SUPPORT EXISTING STRUCTURES AND REPAIR THEM, IF DAMAGED, AND ALL ELSE NECESSARY TO COMPLETE THE WORK.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, LABOR, AND TOOLS NECESSARY TO COMPLETE THE WORK IN A SAFE, NEAT, AND WORKMANLIKE MANNER.

B. SITE AND ACCESS CLEARING (WITHIN EASEMENTS)

THE CONTRACTOR SHALL CONFINE ALL CLEARING OPERATIONS TO WITHIN THE IMMEDIATE AREAS THAT ARE ESSENTIAL FOR CONSTRUCTION OF THE WORK.

C. STOCKPILING OF SUITABLE BACKFILL MATERIAL

THE CONTRACTOR SHALL BE PREPARED WHEN EXCAVATING THE TRENCH TO SEPARATE SUITABLE BACKFILL MATERIAL FROM UNSUITABLE MATERIAL FOR USE AS BACKFILL ADJACENT TO THE PIPE.

D. PROTECTION OF EXISTING STRUCTURES AND UTILITIES

SPECIAL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT OVERHEAD POWER LINES, WATERMAINS, GAS MAINS, ELECTRIC AND TELEPHONE CONDUITS, STORM AND SANITARY SEWERS, CULVERTS, BUILDINGS AND OTHER EXISTING STRUCTURES IN AND NEAR THE EXCAVATION. IN ALL CASES, WHETHER UNDERGROUND STRUCTURES HAVE OR HAVE NOT BEEN DELINEATED, THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE ACCEPTS NO RESPONSIBILITY FOR THEIR LOCATION. 'UNDERGROUND UTILITIES" LOCATES EXISTING UNDERGROUND UTILITIES FREE OF CHARGE. THE PHONE NUMBER IS 1-800-245-2828.

GUTTERS, SEWERS, DRAINS AND DITCHES SHALL BE KEPT OPEN AT ALL TIMES FOR SURFACE DRAINAGE. NO DAMMING OR PONDING OF WATER IN GUTTERS OR OTHER WATERWAYS WILL BE PERMITTED EXCEPT WHERE STREAM CROSSINGS ARE NECESSARY AND THEN ONLY TO AN EXTENT WHICH THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHALL CONSIDER NECESSARY. THE CONTRACTOR SHALL NOT DIRECT ANY FLOW OF WATER ACROSS OR OVER PAVEMENTS EXCEPT THROUGH APPROVED PIPES OR PROPERLY CONSTRUCTED TROUGHS OF SUCH SIZES AND LENGTHS AS MAY BE REQUIRED, AND PLACE THE SAME AS DIRECTED. THE GRADING IN THE VICINITY OF TRENCHES SHALL BE CONTROLLED SO THAT THE GROUND SURFACE IS PROPERLY PITCHED TO PREVENT WATER RUNNING IN THE TRENCHING. THE CONTRACTOR SHALL NOT COMMENCE OPERATIONS INVOLVING ANY PUBLIC UTILITY BEFORE HAVING GIVEN WRITTEN NOTICE TO THE COMPANY OR OWNER, OR ITS AGENTS, AND SHALL COOPERATE WITH THE COMPANY'S OR OWNER'S FORCES IN PROTECTING AND PREVENTING DAMAGE TO THE PROPERTY.

THE CONTRACTOR WILL, AT HIS OWN EXPENSE, BE RESPONSIBLE FOR DIRECT OR INDIRECT DAMAGE THAT MAY BE DONE TO ANY UTILITY OR STRUCTURE IN THE PROSECUTION OF HIS WORK. THE LIABILITY OF THE CONTRACTOR IS ABSOLUTE AND IS NOT DEPENDENT UPON ANY QUESTIONS OF NEGLIGENCE ON HIS PART OR ON THE PART OF HIS AGENT, OR EMPLOYEES, AND THE NEGLECT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE TO DIRECT THE CONTRACTOR TO TAKE ANY PARTICULAR PRECAUTION OR TO REFRAIN FROM DOING SUCH DAMAGE.

SHOULD THE POSITION OF ANY PIPE, CONDUIT, POLE OR OTHER STRUCTURES, ABOVE OR BELOW THE GROUND, BE SUCH AS TO REQUIRE ITS REMOVAL, REALIGNMENT, OR CHANGE DUE TO WORK TO BE DONE, REALIGNMENT OR CHANGE WILL BE DONE BY OR UNDER SUPERVISION OF THE OWNER OF THE OBSTRUCTIONS. THE CONTRACTOR SHALL UNCOVER AND SUSTAIN THE STRUCTURES, AFTER SUCH REALIGNMENT OR CHANGE.

THE CONTACTOR SHALL NOT INTERFERE WITH ANY PERSONS, OR WITH THE OWNER IN PROTECTING, REMOVING, CHANGING OR REPLACING THEIR PIPES, CONDUITS, POLES OR OTHER STRUCTURES; BUT HE SHALL SUFFER SAID PERSONS OR THE OWNER TO TAKE ALL SUCH MEASURES AS THEY MAY DEEM NECESSARY OR ADVISABLE FOR THE PURPOSE AFORESAID, AND THE CONTRACTOR SHALL THEREBY BE IN NO WAY RELIEVED OF ANY OF HIS RESPONSIBILITIES.

THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE OWNER OF THE RESPECTIVE UTILITY PRIOR TO RELOCATION OR INTERRUPTION OF SERVICE. ALL WORK NECESSARY FOR THE RELOCATION SHALL BE PERFORMED BY THE CONTRACTOR, OR BY THE OWNER AT THE OWNER'S OPTION, AND TO THE SATISFACTION OF THE OWNER. WHERE SERVICE IS INTERRUPTED, THE CONTRACTOR SHALL COOPERATE IN RESTORING SERVICE PROMPTLY. ALL CHARGES FOR DAMAGES DONE TO UTILITIES SHALL BE PAID BY THE CONTRACTOR.

E. CONSTRUCTION OF ROAD RIGHT-OF-WAY

CONSTRUCTION IN THE ROAD RIGHT-OF-WAY SHALL AT ALL TIMES BE PERFORMED WITH MINIMUM DISTURBANCE TO TRAFFIC WITH SUFFICIENT BARRICADES AND DIRECTION. DETOURS CAN BE INSTITUTED WITH APPROVAL OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE, OR STATE, COUNTY, OR LOCAL AUTHORITIES. PAVEMENT SHALL BE CUT PRIOR TO REMOVAL. HOLES AND SETTLEMENTS IN THE TRENCHES SHALL BE IMMEDIATELY FILLED TO THE ORIGINAL GRADE ELEVATION WITH THE SPECIFIED MATERIALS.

F. EXCAVATION AND PREPARATION OF TRENCH

THE CONTRACTOR SHALL PROCEED WITH CAUTION IN THE EXCAVATION AND PREPARATION OF THE TRENCH SO THAT THE EXACT LOCATION OF UNDERGROUND STRUCTURES, BOTH KNOWN AND UNKNOWN, MAY BE DETERMINED. THE TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND DEPTH REQUIRED. MINIMUM DEPTH OF COVER FROM SURFACE OF GROUND TO TOP OF PIPE BARREL SHALL BE FOUR FEET (4'). NO TRENCH SHALL BE EXCAVATED MORE THAN FIVE HUNDRED LINEAL FEET (500 LF) IN ADVANCE OF PIPE LAYING UNLESS AUTHORIZED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE. THE TRENCH SHALL BE SO BRACED AND DRAINED THAT THE WORKMEN MAY WORK THEREIN SAFELY AND EFFICIENTLY. IT IS ESSENTIAL THAT THE DISCHARGE OF THE TRENCH DEWATERING PUMPS BE CONDUCTED TO NATURAL DRAINAGE CHANNELS OR DRAINS, AS IN ACCORDANCE WITH OSHA REQUIREMENTS.

THE WIDTH OF THE TRENCH SHALL BE OF ADEQUATE SIZE TO PERMIT THE PIPE TO BE LAID AND JOINTED PROPERLY, BUT SHALL NOT EXCEED THE SUM OF TWENTY-FOUR INCHES(24") PLUS THE PIPE OUTSIDE DIAMETER, AND THE BACKFILL TO BE PLACED AND COMPACTED AS SPECIFIED.

LEDGE ROCK, BOULDERS AND LARGE STONES SHALL BE REMOVED TO PROVIDE A CLEARANCE OF AT LEAST SIX INCHES (6") BELOW AND ON EACH SIDE OF ALL PIPES AND FITTINGS.

THE TRENCH SHALL BE EXCAVATED TO THE DEPTH REQUIRED SO AS TO PROVIDE A UNIFORM AND CONTINUOUS BEARING AND SUPPORT FOR THE PIPE ON SOLID AND UNDISTURBED GROUND AT EVERY POINT. WHERE THE BOTTOM OF THE TRENCH AT A SUBGRADE IS FOUND TO BE UNSTABLE, OR TO INCLUDE ASHES, CINDERS, ALL TYPES OF REFUSE, VEGETABLE OR OTHER ORGANIC MATERIAL OR LARGE PICES OF FRAGMENTS OR INORGANIC MATERIAL WHICH IN THE JUDGEMENT OF THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE SHOULD BE REMOVED, THE CONTRACTOR SHALL EXCAVATE AND REMOVE SUCH UNSUITABLE MATERIAL TO THE WIDTH AND DEPTH ORDERED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE.

ANY PART OF THE BOTTOM OF THE TRENCH EXCAVATED BELOW THE SPECIFIED GRADE SHALL BE CORRECTED WITH APPROVED BEDDING MATERIAL, SUCH AS THOROUGHLY COMPACTED CRUSHED STONE, GRAVEL, OR CONCRETE AS DIRECTED BY THE TOWN ENGINEER, WATER SUPERINTENDENT, OR AUTHORIZED REPRESENTATIVE. THE FINISHED SUBGRADE SHALL BE PREPARED ACCURATELY BY MEANS OF HAND TOOLS.

GENERAL WATER MAIN NOTES:

1. ALL PROPOSED WATERMAIN MATERIALS, CONSTRUCTION AND INSTALLATION SHALL CONFORM TO ALL APPLICABLE RULES AND REGULATIONS OF THE TOWN OF YORKTOWN WATER DEPARTMENT AND THE WESTCHESTER COUNTY HEALTH DEPARTMENT STANDARDS AND SPECIFICATIONS. CONSTRUCTION MUST BE UNDER THE SUPERVISION OF A LICENSED AND REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK WHO SHALL FURNISH A CERTIFICATE OF CONSTRUCTION COMPLIANCE AND TWO (2) SETS OF AS-BUILT PLANS AFTER THE COMPLETION OF THE PROJECT.
2. THE RECORDS OF THE TOWN OF YORKTOWN INDICATE THAT THERE IS ADEQUATE WATER PRESSURE AND CAPACITY AS REQURIED TO SERVE THIS PROJECT.
3. ALL BACKFLOW PREVENTION DEVICES ASSOCIATED WITH THE FIRE AND DOMESTIC SERVICES FOR EACH OF THE PROPOSED OFFICE SPACES IN THE TYPE "B" UNITS SHALL BE LOCATED INTERNAL TO THE BUILDING AND SHALL REQUIRE SEPARATE APPROVAL BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
4. ALL FIRE AND DOMESTIC SERVICE CONNECTIONS FROM THE PROPOSED WATER MAIN SHALL BE INSTALLED WITH WET TAPS AFTER THE CONTRACTOR HAS INSTALLED THE MAIN AND IT HAS BEEN APPROVED BY THE TOWN OF YORKTOWN WATER DEPARTMENT AND THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
5. THE CONTRACTOR IS ADVISED THAT BEFORE HE CONNECTS TO THE EXISTING WATER SYSTEM, HE MUST ADVISE AND COORDINATE HIS OPERATIONS WITH THE TOWN OF YORKTOWN WATER DEPARTMENT'S SUPERINTENDENT. MEANS AND METHODS USED TO CONNECT TO THE EXISTING SERVICE SHALL BE APPROVED BY THE TOWN AND SHALL INCLUDE BUT NOT BE LIMITED TO WET TAPS OR OTHERWISE.
6. THE CONTRACTOR IS TO MAINTAIN CONSTANT FLOW AND PRESSURE IN ALL WATER MAINS AT ALL TIMES. IF THE NEED SHOULD ARISE THAT WATER SERVICE IS TO BE INTERRUPTED FOR A SHORT PERIOD, IT MUST BE COORDINATED WITH AND APPROVED BY THE ENGINEER AND THE TOWN OF YORKTOWN SUPERINTENDENT OF WATER.
7. WATER MAINS CROSSING HOUSE SEWERS, STORM SEWERS OR SANITARY SEWERS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION OF A MINIMUM OF 18" BETWEEN THE BOTTOM OF WATER MAIN AND TOP OF SEWER.
8. WATER MAINS PASSING UNDER HOUSE SEWERS, IN ADDITION, SHALL BE PROTECTED BY PROVIDING A VERTICAL SEPARATION OF 18" MINIMUM FROM THE BOTTOM OF THE SEWER TO THE TOP OF THE WATER MAIN AND ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE JOINTS AND THE SEWER SETTLING AND BREAKING THE WATER MAIN. IN ADDITION THE LENGTH OF WATER PIPE IS TO BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER. NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER OR SEWER MANHOLE.
9. THE COVER OVER THE TOP OF THE WATER MAIN SHALL BE A MINIMUM OF 4 FEET TO A MAXIMUM OF 5.5 FT.
10. WATER MAINS SHALL BE CLASS 52 DUCTILE IRON PIPES (DIP) TYTON JOINT TYPE AND FITTINGS SHALL BE FACTORY CEMENT LINED CLASS 52. ALL FITTINGS SHALL HAVE MECHANICAL JOINTS AND SHALL BE PRESSURE RATED AT 250 PSI. ALL NECESSARY JOINT MATERIALS SHALL BE FURNISHED. WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH AWWA STANDARDS, LATEST REVISION.
11. ALL GATE VALVES SHALL BE MUELLER RESILIENT WEDGE (TURN LEFT OPEN) TYPE AND SHALL MEET AWWA STANDARDS, LATEST REVISION.
12. ALL SERVICE CONNECTIONS AND SMALL DIAMETER EXTENSIONS SHALL CONFORM TO AWWA C-151.
13. RETAINER GLANDS AND CONCRETE THRUST BLOCKS OR RODS SHALL BE USED AT ALL LOCATIONS WHERE RESTRAINTS EXIST.
14. INSTALLATION AND TESTING OF THE WATER MAIN SHALL BE INSPECTED BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. THE CONTRACTOR SHALL PROVIDE THE HEALTH DEPARTMENT A MINIMUM 48 HOURS NOTICE PRIOR TO ANY PRESSURE/LEAKAGE TESTS AND/OR DISINFECTION AND BACTERIOLOGICAL TESTS PERFORMED ON THE PROPOSED WATER MAIN. THE RESULTS OF THE ABOVE TESTS MUST BE ACCEPTED BY THE WCHD PRIOR TO USE OF THE MAIN.
15. ASBUILT DRAWINGS SHALL SHOW DIMENSIONS BETWEEN ALL VALVE TURNING NUTS AND FINISH GRADE.
16. INSTALLATION, DISINFECTION AND TESTING TO BE WITNESSED AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER OR TOWN OF YORKTOWN ENGINEER.
17. ALL HYDRANTS AND VALVES SHALL BE AS MANUFACTURED BY THE MUELLER COMPANY.
18. THE FINAL LOCATIONS OF FIRE HYDRANTS AND SIAMESE CONNECTIONS SHALL BE DETERMINED BY AND COORDINATED WITH THE TOWN OF YORKTOWN FIRE DEPARTMENT.
19. IF, DURING CONSTRUCTION, IT IS FOUND THAT THE REQUIRED SEPARATION OF WATER MAINS, SANITARY SEWERS, STORM SEWERS, AND BUILDING SEWERS CANNOT BE MET, THE DEVELOPER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONTACT THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. APPROVAL BY THE WCHD IS REQUIRED PRIOR TO ANY FIELD CHANGES THAT WILL AFFECT MINIMUM WATER/SEWER SEPARATION DISTANCES.
20. ALL TYPES OF INSTALLED PIPE SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C-600.
21. ALL NEW, CLEANED OR REPAIRED WATER MAINS SHALL BE DISINFECTED AND BACTERIOLOGICAL TESTING PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C-651-05 (EXCLUDING THE TABLET METHOD). THE SPECIFICATIONS INCLUDE DETAILED PROCEDURES FOR THE ADEQUATE FLUSHING, DISINFECTION, AND MICRO- BIOLOGICAL TESTING OF ALL WATER MAINS.
22. ROAD OPENINGS SHALL BE DONE IN ACCORDANCE WITH CONDITIONS OF PERMIT, AND COORDINATED WITH THE TOWN OF YORKTOWN.
23. UPON COMPLETION AND PRIOR TO USE, TWO (2) SETS OF AS-BUILT PLANS AND ACCEPTABLE BACTERIOLOGICAL SAMPLE AND WATER MAIN HYDROSTATIC TEST RESULTS MUST BE SUBMITTED ALONG WITH THE DESIGN PROFESSIONAL'S CERTIFICATION OF CONSTRUCTION TO THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.

SANITARY SEWER TESTING

PROCEDURE AND METHOD OF TESTING - THE TEST LENGTH INTERVALS AND TYPE OF LEAKAGE TEST SHALL BE APPROVED BY THE OWNER'S FIELD REPRESENTATIVE AND SITE ENGINEER. IN THE CASE OF SEWERS LAID ON STEEP GRADES, THE LENGTH OF LINE TO BE TESTED BY EXFILTRATION AT ANY ONE TIME MAY BE LIMITED BY THE MAXIMUM ALLOWABLE INTERNAL PRESSURE ON THE PIPE AND JOINTS AT THE LOWER END OF THE LINE. THE WCHD SHALL BE NOTIFIED 48 HRS IN ADVANCE SO THEY MAY WITHNESS THE TESTING DEPENDING ON FIELD CONDITIONS AND/OR DESIRE OF THE CONTRACTOR, THE FOLLOWING TESTS FOR LEAKAGE MAY BE EMPLOYED:

1. HYDROSTATIC TEST
THE TEST PERIOD, WHEREIN THE MEASUREMENTS ARE TAKEN SHALL NOT BE LESS THAN FOUR (4) HOURS IN EITHER TYPE OF TEST. THE TOTAL LEAKAGE OF ANY SECTION TESTED SHALL NOT EXCEED THE RATE OF 100 GALLONS PER MILE OF PIPE PER 24 HOURS PER INCH OF NOMINAL PIPE DIAMETER. FOR PURPOSES OF DETERMINING THE MAXIMUM ALLOWABLE LEAKAGE, MANHOLES SHALL BE CONSIDERED AS SECTIONS OF PIPE AND SHALL BE TESTED AT A LEVEL ABOVE THE HIGHEST JOINT PRIOR TO THE CONCRETE/RIM CONNECTION.

(I) INFILTRATION TEST -
THIS TEST MAY BE USED ONLY WHEN GROUND WATER LEVELS ARE AT LEAST TWO (2) FEET ABOVE THE TOP OF THE PIPE FOR THE ENTIRE LENGTH OF THE SECTION TO BE TESTED DURING THE ENTIRE PERIOD OF THE TEST. GROUND WATER LEVELS MAY BE MEASURED IN AN OPEN TRENCH OR IN STANDPIPES PREVIOUSLY PLACED IN BACKFILLED TRENCHES DURING THE BACKFILLING OPERATIONS. WHEN STANDPIPES ARE INSTALLED IN THE BACKFILL FOR GROUND WATER MEASUREMENT, THE LOWER ENDS OF THESE SHALL BE SATISFACTORILY EMBEDDED IN A MASS OF CRUSHED STONE OR GRAVEL TO MAINTAIN FREE PERCOLATION AND DRAINAGE. INFILTRATION THROUGH JOINTS SHALL BE MEASURED BY USING A WATERTIGHT WEIR OR ANY OTHER APPROVED DEVICE FOR VOLUMETRIC MEASUREMENT INSTALLED AT THE LOWER END OF THE SECTION UNDER TEST.

(II) EXFILTRATION TEST -
THIS TEST CONSISTS OF FILLING THE PIPE WITH WATER TO PROVIDE A HEAD OF AT LEAST TWO (2) FEET ABOVE THE TOP OF THE PIPE OR TWO (2) FEET ABOVE GROUND WATER, WHICHEVER IS HIGHER, AT THE HIGHEST POINT OF THE PIPE LINE UNDER TEST, AND THEN MEASURING THE LOSS OF WATER FROM THE LINE BY THE AMOUNT WHICH MUST BE ADDED TO MAINTAIN THE ORIGINAL LEVEL. IN THIS TEST THE LINE MUST REMAIN FILLED WITH WATER FOR AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE TAKING OF MEASUREMENTS. EXFILTRATION SHALL BE MEASURED BY THE DROP OF WATER LEVEL IN A CLOSED-END STANDPIPE OR IN ONE OF THE SEWER MANHOLES AVAILABLE FOR CONVENIENT MEASURING.

WHEN A STANDPIPE AND PLUG ARRANGEMENT IS USED IN THE UPPER MANHOLE OF A LINE UNDER TEST, THERE MUST BE SOME POSITIVE METHOD OF RELEASING ENTRAPPED AIR IN THE SEWER PRIOR TO TAKING MEASUREMENTS.

2. VACUUM TESTING OF MANHOLES - TESTED AS PER ASTM STANDARD - C-1244
THIS TEST METHOD IS ONLY APPLICABLE TO PRECAST CONCRETE MANHOLES. ALL LIFTING HOLES AND EXTERIOR JOINTS SHALL BE FILLED AND POINTED WITH AN APPROVED NON-SHRINKING MORTAR. NO STANDING WATER SHALL BE ALLOWED IN THE MANHOLE EXCAVATION WHICH MAY AFFECT THE ACCURACY OF THE TEST. ALL PIPES AND OTHER OPENINGS INTO THE MANHOLE SHALL BE SUITABLY PLUGGED IN SUCH A MANNER AS TO PREVENT DISPLACEMENT OF THE PLUGS WHILE THE VACUUM IS DRAWN. INSTALLATION AND OPERATION OF THE VACUUM EQUIPMENT AND INDICATING DEVICES SHALL BE IN ACCORDANCE WITH EQUIPMENT SPECIFICATIONS AND INSTRUCTIONS PROVIDED BY THE MANUFACTURER.
THE TEST HEAD MAY BE PLACED IN THE CONE SECTION OF THE MANHOLE. THE RIM-CONE JOINT IS NOT USUALLY TESTED. A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN. THE TIME FOR THE VACUUM TO DROP TO 9 INCHES OF MERCURY SHALL BE RECORDED. ACCEPTANCE FOR 4 FT. DIAMETER MANHOLES SHALL BE DEFINED AS WHEN THE TIME TO DROP TO 9 INCHES OF MERCURY MEETS OR EXCEEDS THE FOLLOWING:
FOR MANHOLES 5 FT. IN DIAMETER, ADD AN ADDITIONAL 15 SECONDS;
FOR MANHOLES 6 FT. IN DIAMETER, ADD AN ADDITIONAL 30 SECONDS
TO THE TIME REQUIREMENTS FOR FOUR FOOT DIAMETER MANHOLES.

3. LOW-PRESSURE AIR TEST OF PIPE LINES - TESTED PER ASTM STANDARD F-1417
PLUG ALL OPENINGS IN THE TEST SECTION. ADD AIR UNTIL THE INTERNAL PRESSURE OF THE LINE IS RAISED TO APPROXIMATELY 4.0 PSI. AFTER THIS PRESSURE IS REACHED, ALLOW THE PRESSURE TO STABILIZE. THE PRESSURE WILL NORMALLY DROP AS THE AIR TEMPERATURE STABILIZES. THIS USUALLY TAKES 2 TO 5 MIN. DEPENDING ON THE PIPE SIZE. THE PRESSURE MAY BE REDUCED TO 3.5 PSI BEFORE STARTING THE TEST.

WHEN THE PRESSURE HAS STABILIZED AND IS AT OR ABOVE THE STARTING TEST PRESSURE OF 3.5 PSI, START THE TEST. IF THE PRESSURE DROPS MORE THAN 1.0 PSI DURING THE TEST TIME, THE LINE IS PRESUMED TO HAVE FAILED THE TEST. IF A 1.0-PSI DROP DOES NOT OCCUR WITHIN THE TEST TIME, THE LINE HAS PASSED THE TEST.

TEST TIMES ARE FOR A 1.0 PSI PRESSURE DROP FROM 3.5 TO 2.5 PSI. IF THE SECTION OF LINE TO BE TESTED INCLUDES MORE THAN ONE PIPE SIZE, CALCULATE THE TEST TIME FOR EACH SIZE AND ADD THE TEST TIMES TO ARRIVE AT THE TOTAL TEST TIME FOR THE SECTION. MINIMUM TEST TIMES FOR VARIOUS PIPE SIZES IN INCHES ARE AS FOLLOWS:

SIZE (INCHES)	TIME (MIN./100 FT.)
UP TO 8	1.2
10	1.5
12	1.8

4. DEFLECTION TESTING OF PIPES-

IN ACCORDANCE WITH THE TEN STATES "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES - SECTION 33.85"-LATEST EDITION.

A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM.

NO PIPE SHALL EXCEED A DEFLECTION OF 5 PERCENT. IF DEFLECTION EXCEEDS 5 PERCENT, THE PIPE SHALL BE EXCAVATED. REPLACEMENT OR CORRECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH REQUIREMENTS IN THE APPROVED SPECIFICATIONS.

THE RIGID BALL OR MANDREL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95 PERCENT OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

SANITARY SEWER NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE CODE OF THE TOWN OF YORKTOWN AND THE REGULATIONS OF THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
2. SANITARY MANHOLES/CLEANOUT MANHOLES SHALL BE PRECAST CONCRETE.
3. ALL WORK SHALL BE MANUFACTURED IN ACCORDANCE WITH APPROVED STANDARDS AND SHALL BE SPACED A MAXIMUM DISTANCE OF 300' ON STRAIGHT RUNS AND INSTALLED AT EVERY CHANGE IN ALIGNMENT. MANHOLE POSITIONING SHALL BE AS TO PREVENT THE ENTRANCE OF SURFACE WATER DURING STORMS. MANHOLE RIMS ARE TO BE WATER TIGHT IN AREAS SUBJECT TO POSSIBLE FLOODING CONDITIONS.
4. ALL BUILDING LATERALS TO BE INSTALLED BY PLUMBERS, LICENSED IN THE TOWN OF YORKTOWN ACCORDING TO THE REQUIREMENTS OF THE TOWN OF YORKTOWN.
5. SANITARY SEWER CONSTRUCTION SHALL MEET ALL SEWER CONSTRUCTION SPECIFICATIONS FOR THE TOWN OF YORKTOWN.
6. THE TOWN ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK.
7. A CODE 53 SHALL BE CALLED BEFORE THE START OF ANY EXCAVATION WORK.
8. A STREET OPENING PERMIT SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY WORK BEING STARTED IN PUBLIC ROADS.
9. ALL SEWERS SHALL BE LAID AT LEAST 10 FT HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. IN CASES WHERE IT IS IMPRACTICAL TO MAINTAIN A 10 FOOT SEPARATION, THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS, IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER.
10. MANHOLE STEPS SHALL BE CAST IRON NEENAH NO. R-1981-0 OR CAMPBELL FOUNDRY NO. 2588-1 OR POLYPROPYLENE COATED STEEL (SEE SPECIFICATIONS) OR APPROVED EQUAL.
11. UNLESS OTHERWISE SPECIFIED, SANITARY SEWER MANHOLES SHALL HAVE THE LETTERS "SEWER" CAST ON THE COVER.
12. MANHOLE COVERS AND STRUCTURES SHALL MEET OR EXCEED A.S.T.M. AND O.S.H.A. REQUIREMENTS AND MUST BE RATED FOR H-20 LOADING. MANHOLES MUST BE MIN. 48" DIAMETER.
13. ALL SANITARY STRUCTURES SHALL RECEIVE 2 MIL COATS OF BITUMINOUS MATERIAL "INERTOL NO. 49" KOPPERS SUPPER SERVICE BLACK OR APPROVED EQUAL, APPLIED IN ACCORDANCE WITH MANUFACTURE'S SPECIFICATIONS.
14. 0-RING JOINTS TO CONFORM TO A.S.T.M. DESIGNATION C-443 LATEST REVISION. JOINTS TO BE MORTARED INSIDE AND OUT USING NON-SHRINKING MORTAR.
15. PRE-CAST MANHOLE SECTIONS TO BE IN ACCORDANCE WITH "PRE-CAST REINFORCED CONCRETE MANHOLE SECTIONS" A.S.T.M. DESIGNATION C-478, LATEST REVISION, MINIMUM COMPRESSIVE STRENGTH TO BE 4000 P.S.I. 22. WHERE SEWER MAIN IS TO BE INSTALLED 10' DEEP OR GREATER, PVC SDR-26 SHALL BE USED.
16. WHEN SEWER IS TO BE INSTALLED IN FILL MATERIAL, THE SUPPORTING FILL IS TO BE COMPACTED TO MINIMUM STANDARD PROCTOR DENSITY OF 95%, AND SHALL BE CERTIFIED TO THE TOWN.
17. WATER MAINS CROSSING HOUSE SEWERS, STORM SEWERS OR SANITARY SEWERS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION OF A MINIMUM OF 18" BETWEEN THE BOTTOM OF WATER MAIN AND TOP OF SEWER. IN ADDITION, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE JOINTS AND THE SEWER SETTLING AND BREAKING THE WATER MAIN. IN ADDITION THE LENGTH OF WATER PIPE IS TO BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER. NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER OR SEWER MANHOLE.
18. MANHOLES AND SANITARY SEWER LINES SHALL BE TESTED TO CONFORM WITH WESTCHESTER COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS AND AS PER SANITARY SEWER TESTING NOTES BELOW.
19. THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH SHALL BE PROVIDED A 48 HOUR NOTICE PRIOR TO THE TESTING OF THE INSTALLED UTILITIES TO ALLOW WITNESSING OF TESTING BY THE DEPARTMENT.
20. ALL INSTALLATIONS AND TESTING SHALL BE IN ACCORDANCE WITH ASTM STANDARDS F-1417, C-1244 AND THE TEN STATES STANDARDS, LATEST VERSION.
21. NYCDEP TO BE NOTIFIED PRIOR TO PUTTING SEWER CONNECTIONS IN PLACE.

WCHD NOTES:

1. UPON COMPLETION AND PRIOR USE, TWO SETS OF AS-BUILT PLANS MUST BE SUBMITTED ALONG WITH P.E. CERTIFICATION OF CONSTRUCTION AND ACCEPTABLE RESULTS OF AIR OR WATER TESTING OF SEWER AND MANHOLES.
2. WCHD MUST NE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO ANY LEAKAGE TEST.

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PROJECT # 22-01

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1.	10/8/2025	Submission To Planning Board
2.	11/17/2025	Submission To Planning Board

SCALE:

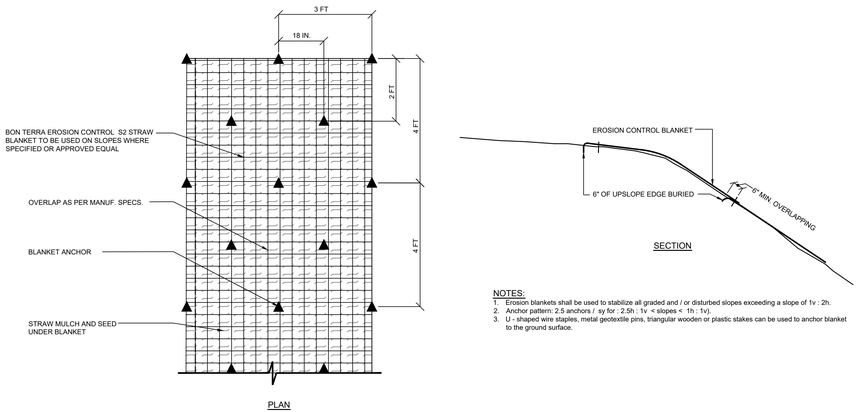
DRAWN BY: AKM

DATE: 05/28/25

NOTES

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

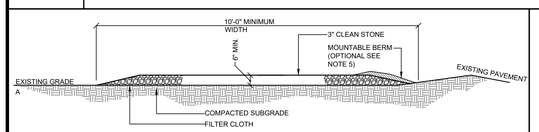
Sheet C-500



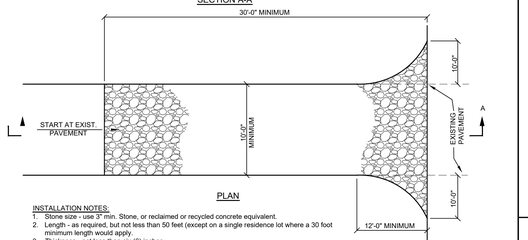
NOTES:
1. Erosion blankets shall be used to stabilize all graded and / or disturbed slopes exceeding a slope of 1v : 2h.
2. Anchor pattern: 2.5 anchors / sy for : 2.5h : 1v < slopes < 1h : 1v).
3. U - shaped wire staples, metal geotextile pins, triangular wooden or plastic stakes can be used to anchor blanket to the ground surface.

E-7 EROSION BLANKET AND ANCHOR DETAIL

NOT TO SCALE



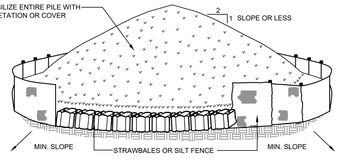
SECTION A-A



INSTALLATION NOTES:
1. Stone size - use 3" min. Stone, or reclaimed or recycled concrete equivalent.
2. Length - as required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply.
3. Thickness - not less than six (6) inches.
4. Width - 10 foot minimum, but not less than the full width at points where ingress or egress occur. 24 ft if single entrance to site.
5. 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.
6. Maintenance - the entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right of way this may require periodic top dressing with additional stone as conditions demand and repair and/or cleanouts of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right of way must be removed immediately.
7. Washing - wheels shall be cleaned to remove sediment prior to entrance onto public right of way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
8. Periodic inspection and needed maintenance shall be provided after each rain

E-2 STABILIZED CONSTRUCTION ENTRANCE DETAIL

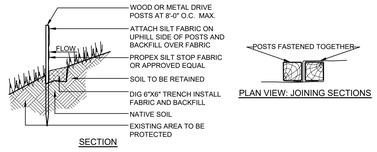
NOT TO SCALE

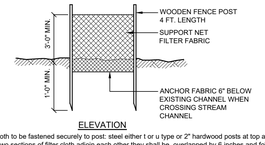


NOTES:
1. Area chosen for stockpiling operations shall be dry and stable.
2. Maximum slope of stockpile shall be 1:2.
3. Upon completion of soil stockpiling, each pile shall be surrounded with either silt fencing or strawbales, then stabilized with vegetation or covered.
4. See detail for installation of silt fence.

E-3 SOIL STOCKPILE DETAIL

NOT TO SCALE



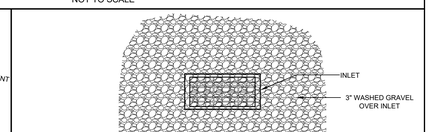


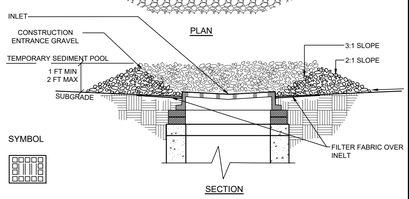
NOTES:
1. Filter cloth to be fastened securely to post: steel either t or u type or 2" hardwood posts at top and mid section.
2. When two sections of filter cloth adjoin each other they shall be overlapped by 6 inches and folded. Filter cloth shall be mirafi 100x, stabilinka t140n or approved equal
3. Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.
4. Excavate 4 inch trench along the lower perimeter of the site.
5. Unroll a section at a time and position the post against the back (downstream) wall of the trench (net side away from direction of flow).
6. Drive the post into the ground until the netting is approximately 2 inches from the trench bottom.
7. Lay the toe-in flap of fabric onto the undisturbed bottom of the trench, backfill the trench and tamp the soil. Steeper slopes require an intercept trench.
8. Join sections as shown above.

SYMBOL

E-1 SILT FENCE DETAIL

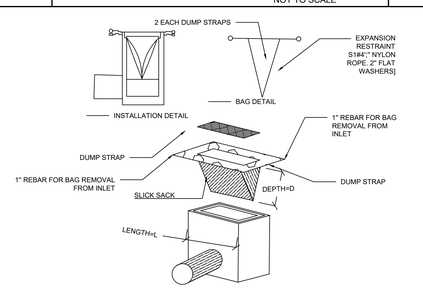
NOT TO SCALE





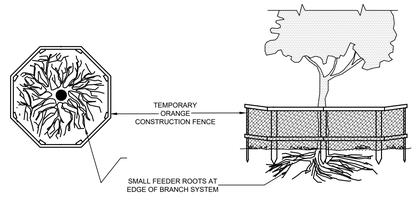
E-4 CONSTRUCTION ENTRANCE INLET PROTECTION DETAIL

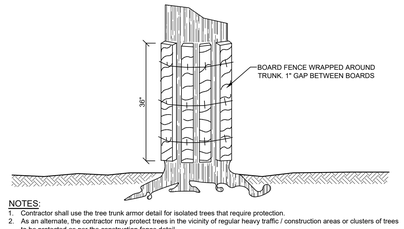
NOT TO SCALE



E-5 SILT SACK DETAIL

NOT TO SCALE





SYMBOL

NOTES:
1. Contractor shall use the tree trunk armor detail for isolated trees that require protection.
2. As an alternate, the contractor may protect trees in the vicinity of regular heavy traffic / construction areas or clusters of trees to be protected as per the construction fence detail.

E-6 TREE TRUNK ARMOR / TREE PROTECTION DETAIL

NOT TO SCALE

GENERAL EROSION CONTROL NOTES:

1. Contractor shall be responsible for compliance with all sediment and erosion control practices. The sediment and erosion control practices are to be installed prior to any major soil disturbances, and maintained until permanent protection is established. Road surface flows from the site should be dissipated with tracking pad or appropriate measures during adjacent road shoulder regrading. Contractor is responsible for the installation and maintenance of all soil erosion and sedimentation control devices throughout the course of construction.
2. Catch basin inlet protection must be installed and operating at all times until tributary areas have been stabilized. When possible flows should be stabilized before reaching inlet protection structure. Timely maintenance of sediment control structures is the responsibility of the Contractor.
3. All structures shall be maintained in good working order at all times. The sediment level in all sediment traps shall be closely monitored and sediment removed promptly when maximum levels are reached or as ordered by the engineer. All sediment control structures shall be inspected on a regular basis, and after each heavy rain to insure proper operation as designed. An inspection schedule shall be set forth prior to the start of construction.
4. The locations and the installation times of the sediment capturing standards shall be as specified in these plans, as ordered by the Engineer, and in accordance with the latest edition of the "New York Standards and Specifications for Erosion and Sediment Control" (NYSSESC).
5. All topsoil shall be placed in a stabilized stockpile for reuse on the site. All stockpile material required for final grading and stored on site shall be temporarily seeded and mulched within 7 days. Refer to soil stockpile details.
6. Any disturbed areas that will be left exposed more than 7 days and not subject to construction traffic, shall immediately receive temporary seeding. Mulch shall be used if the season prevents the establishment of a temporary cover. Disturbed areas shall not be limed and fertilized prior to temporary seeding.
7. All disturbed areas within 500 feet of an inhabited dwelling shall be wetted as necessary to provide dust control.
8. The contractor shall keep the roadways within the project clear of soil and debris and is responsible for any street cleaning necessary during the course of the project.
9. Sediment and erosion control structures shall be removed and the area stabilized when the drainage area has been properly stabilized by permanent measures.
10. All sediment and erosion control measures shall be installed in accordance with current edition of NYSSESC.
11. All regraded areas must be stabilized appropriately prior to any rock blasting, cutting, and/or filling of soils. Special care should be taken during construction to insure stability during maintenance and integrity of control structures.
12. Any slopes graded at 3:1 or greater shall be stabilized with erosion blankets to be staked into place in accordance with the manufactures requirements. Erosion blankets may also be required at the discretion of Town officials or Project Engineer. When stabilized blanket is utilized for channel stabilization, place all of the volume of seed mix prior to laying net, or as recommended by the manufacturer.
13. To prevent heavy construction equipment and trucks from tracking soil off-site, construct a pervious crushed stone pad. Locate and construct pads as detailed in these plans.
14. Contractor is responsible for controlling dust by sprinkling exposed soil areas periodically with water as required. Contractor to supply all equipment and water.
15. Contractor shall be responsible for construction inspections as per NYSDEC GP-0-020-001 and Town of Yorktown Code.

MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES:

N.Y.S.D.E.C. GP-0-15-002 EXPOSURE RESTRICTIONS - States that any exposed earthwork shall be stabilized in accordance with the guidelines of this plan.

1. Trees and vegetation shall be protected at all times as shown on the detail drawing and as directed by the Engineer.
2. Care should be taken so as not to channel concentrated runoff through the areas of construction activity on the site.
3. Fill and site disturbances should not be created which causes water to pond off site or on adjacent properties.
4. Runoff from land disturbances shall not be discharged or have the potential to discharge off site without first being intercepted by a control structure, such as a sediment trap or silt fence. Sediment shall be removed before exceeding 50% of the retention structure's capacity.
5. For finished grading, adequate grade shall be provided so that water will not pond on lawns for more than 24 hours after rainfall, except in swale flow areas which may drain for as long as 48 hours after rainfall.
6. All swales and other areas of concentrated flow shall be properly stabilized with temporary control measures to prevent erosion and sediment travel. Surface flows over cut and fill areas shall be stabilized at all times.
7. All sites shall be stabilized with erosion control materials within 7 days of final grading.
8. Temporary sediment trapping devices shall be removed from the site within 30 days of final stabilization.

MAINTENANCE SCHEDULE:

Silt Fence	--	--	Insp.	Insp.	Clean of Sediment/Replace if Bulge Forms	Remove
Stabilized Construction Entrance	Clean of Sediment	Insp.	--	--	Maintain Condition to Prevent Sediment Tracking	Remove
Soil Stockpile	--	Insp.	Insp.	Insp.	Maintain vegetative cover with seeding	Remove
Outlet Structures/Inlet Protection	--	Insp.	Insp.	Insp.	Remove sediment at 50% storage capacity	Remove
Concrete Washout	Inspect (Insp.)	Insp.	Insp.	Insp.	Remove hardened concrete when 75% full	Remove
Erosion Control Blanket	--	Insp.	Insp.	Insp.	Maintain cover with seeding and anchoring	Remove after 80% Uniform Vegetation growth
Construction Fence	--	--	Insp.	Insp.	Replace damaged areas and remove sediment	Remove

MAINTENANCE OF PERMANENT CONTROL STRUCTURES DURING CONSTRUCTION:

The stormwater management system and outlet structure shall be inspected on a regular basis and after every rainfall event. Sediment build up shall be removed from the inlet protection regularly to insure detention capacity and proper drainage. Outlet structure shall be free of obstructions. All piping and drain inlets shall be free of obstruction. Any sediment build up shall be removed.

MAINTENANCE OF CONTROLS AFTER CONSTRUCTION:

Controls (including respective outlet structures) should be inspected periodically for the first few months after construction and on an annual basis thereafter. They should also be inspected after major storm events.

DEBRIS AND LITTER REMOVAL:

Twice a year, inspect outlet structure and drain inlets for accumulated debris. Also, remove any accumulations during each mowing operation.

STRUCTURAL REPAIR/REPLACEMENT:

Outlet structure must be inspected twice a year for evidence of structural damage and repaired immediately.

EROSION CONTROL:

Unstable areas tributary to the basin shall immediately be stabilized with vegetation or other appropriate erosion control measures.

SEDIMENT REMOVAL:

Sediment should be removed after it has reached a maximum depth of five inches above the stormwater management system floor.

TOPSOIL:

Existing topsoil will be removed and stored in piles sufficiently as to avoid mixing with other excavation.
Stockpiles shall be surrounded by erosion control as outlined on these plans. The furnishing of new topsoil shall be of a better or equal to the following criteria (SS713.01 NYSDOT):

1. The pH of the material shall be 5.5 to 7.6.
2. The organic content shall not be less than 2% or more than 70%.
3. Gradation:

SIEVE SIZE	% PASSING BY WGT.
2 INCH	100
1 INCH	85 TO 100
1/4 INCH	65 TO 100
NO. 200 MESH	20 TO 80

PERMANENT VEGETATIVE COVER:

1. Site preparation:
   - 1.1. Install erosion control measures.
   - 1.2. Scarify compacted soil areas.
   - 1.3. Lime as required to ph 6.5.
   - 1.4. Fertilize with 10-6-4 4 lbs/1,000 S.F.
   - 1.5. Incorporate amendments into soil with disc harrow.
2. Seed mixtures for use on swales and cut and fill areas.

MIXTURE		LBS./ACRE
ALT. A	KENTUCKY BLUE GRASS	20
	CREEPING RED FESCUE	28
	RYE GRASS OR REDTOP	5
ALT. B	CREEPING RED FESCUE	20
	REDTOP	2
	TALL FESCUE/SMOOTH BLOOMGRASS	20

3. SEEDING
   - 3.1. Prepare seed bed by raking to remove stones, twigs, roots and other foreign material.
   - 3.2. Apply soil amendments and integrate into soil.
   - 3.3. Apply seed uniformly by cyclone seeder culti-packer or hydro-seeder at rate indicated.
   - 3.4. Stabilize seeded areas in drainage swales.
   - 3.5. Irrigate to fully saturate soil layer, but not to dislodge planting soil.
   - 3.6. Seed between April 1st and May 15th or August 15th and October 15th.
   - 3.7. Seeding may occur May 15th and August 15th if adequate irrigation is provided.

TEMPORARY VEGETATIVE COVER:

SITE PREPARATION:
1. Install erosion control measures.
2. Scarify areas of compacted soil.
3. Fertilize with 10-10-10 at 400/acre.
4. Lime as required to ph 6.5.

SEED SPECIES:

MIXTURE	LBS./ACRE
Rapidly germinating annual ryegrass (or approved equal)	20
Perennial ryegrass	20
Cereal oats	36

SEEDING:
Same as permanent vegetative cover

Construction Sequence

RECOMMENDED SEQUENCE OF CONSTRUCTION

USE OF EROSION AND SEDIMENT CONTROL STRUCTURES AND PRACTICES ARE IMPORTANT FOR MAINTAINING SITE STABILITY UNDER RUNOFF AND DURING DAILY CONSTRUCTION ACTIVITIES. THE CONSTRUCTION SEQUENCE SHOULD BE STAGED WITH EROSION AND SEDIMENT CONTROLS, AS FOLLOWS, WITH ALL CONTROLS IN PLACE AND IMPLEMENTED PRIOR TO RESPECTIVE INFRASTRUCTURE CONSTRUCTION. AS CONSTRUCTION PROCEEDS, THE CONTROLS SHOULD BE MONITORED, MAINTAINED AND REPLACED AS NEEDED. ADDITIONAL CONTROLS MAY BE REQUIRED AS NEEDED TO ADDRESS UNFORESEEN SITUATIONS.

REFER TO THE CONSTRUCTION DRAWINGS FOR ALL PLANS AND DETAILS WHICH RELATE TO THE CONSTRUCTION SEQUENCE. THIS SEQUENCE SHOULD BE FOLLOWED IN CONJUNCTION WITH ALL PLANS, NOTES, AND THE STORMWATER POLLUTION PREVENTION PLAN. PRIOR TO THE COMMENCEMENT OF WORK, THE OWNER AND GENERAL CONTRACTOR SHALL READ AND UNDERSTAND THE SEQUENCE FOR CONSTRUCTION. THE SEQUENCE SHALL BE DISCUSSED AT THE TIME OF THE PRE-CONSTRUCTION MEETING.

DURING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL REQUIRED INSPECTIONS WITH VARIOUS AGENCIES AND THE PROJECT ENGINEER.

GENERAL SEQUENCE: THE GENERAL SEQUENCE APPLIES TO THE START OF ALL WORK FOR THE PROJECT. THE REQUIREMENTS IN SUCH SHALL BE APPLIED AS APPROPRIATE AND SHALL BE ASSUMED IN PLACE PRIOR TO THE START OF THE WORK OUTLINED IN THE SEQUENCE.

1. PRIOR TO THE BEGINNING OF ANY SITE WORK THE MAJOR FEATURES OF THE CONSTRUCTION MUST BE FIELD STAKED BY A LICENSED SURVEYOR. THESE INCLUDE THE BUILDING, LIMITS OF DISTURBANCE, UTILITY LINES, AND STORMWATER PRACTICES.
2. PRIOR TO THE START OF THE PROJECT, AN ON-SITE PRE-CONSTRUCTION MEETING WILL BE HELD. THIS WILL BE ATTENDED BY THE PROJECT OWNER, THE OPERATOR RESPONSIBLE FOR COMPLYING WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING THE DESIGN AND SEDIMENT CONTROL (E&SC) PLAN AND DETAILS, THE DESIGN ENGINEER, THE ENGINEER RESPONSIBLE FOR E&SC MONITORING DURING CONSTRUCTION, TOWN REPRESENTATIVES FROM THE ENGINEERING DEPARTMENT AND CODE ENFORCEMENT, AND REPRESENTATIVES FROM THE NYC DEP. THE DEP SHALL BE NOTIFIED 48HRS PRIOR TO THE PRECONSTRUCTION MEETING.
3. CUT AND CLEAR TREES WITHIN THE WORK LIMITS AS NECESSARY FOR THE AREAS TO BE DISTURBED. INSTALL TREE PROTECTIVE MEASURE AT MARKED LOCATIONS ON E&SC PLAN.
4. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN FOR THE PROJECT'S IMMEDIATE DISTURBANCE AREAS. THIS SHALL INCLUDE, BUT NOT LIMITED TO SILT FENCE, STABILIZED CONSTRUCTION ENTRANCES, CONSTRUCTION FENCE, ETC. INSTALL THE SEDIMENT TRAPS IN THE LOCATION SHOWN ON THE PLANS. THIS SEQUENCE MUST BE FOLLOWED TO INSURE PROPER IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN (E&SC) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP). CORDON OFF STORMWATER PRACTICES AS SHOWN ON THE E&SC PLAN TO PREVENT COMPACTION OF UNDERLYING SOILS. DURING CONSTRUCTION, RUNOFF WILL SHEET FLOW ACROSS THE SITE TO THE PERIMETER WHERE IT WILL BE PASS THROUGH SILT FENCING.
5. TIMBERED TREES AND WOODCHIPS SHALL BE TEMPORARILY STORED IN THE STOCKPILE AND/OR STAGING AREA IF NECESSARY, BEFORE BEING REMOVED OFF-SITE. WOODCHIPS MAY BE USED FOR MULCH TO STABILIZE DISTURBED AREAS. WOODCHIP MULCH SHALL BE APPLIED AT A MINIMUM RATE OF 500 LBS. PER 1000 SF (2" THICK MINIMUM).
6. REMOVE EXISTING VEGETATIVE COVER, CUT AND CLEAR TREES, GRUB, REMOVE STUMPS AND OTHER SURFACE FEATURES IN THE LIMIT OF CONSTRUCTION ONLY. ANY DISTURBANCE THAT RESULTS FROM TREE CLEARING AND GRUBBING SHALL BE IMMEDIATELY STABILIZED WITH WOODCHIPS MULCH, HYDRO-MULCH, OR STRAW AND SEED. TIMBERED TREES, WOOD CHIPS, AND STUMPS SHALL BE REMOVED OFF-SITE UNLESS OTHERWISE DIRECTED. AS STATED, WOODCHIPS MAY BE STOCKPILED FOR USE AS STABILIZING GROUND COVER. DEMOLISH AND/OR REMOVE EXISTING FEATURES, I.E.: FENCE, CONCRETE SLAB, ASPHALT ETC., AND DISPOSE OF OR STOCKPILE AS REQUIRED BY THE OWNER. ALL CONSTRUCTION DEBRIS SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.

THE FOLLOWING IS THE GENERAL ORDER FOR CONSTRUCTION OF THE PROJECT AND MAY BE MODIFIED AFTER APPROVED BY THE SUPERVISING ENGINEER. THIS IS MEANT TO MINIMIZE THE AMOUNT OF OPEN DISTURBANCE. UNDER NO CIRCUMSTANCES SHALL MORE THAN FIVE (5) ACRES OR GREATER BE DISTURBED DURING THE SAME PERIOD OF TIME. IN THE EVENT GREATER DISTURBANCE IS NECESSARY OUTSIDE OF THE LIMIT OF DISTURBANCE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OF RECORD, AND MUNICIPALITY FOR AN ON-SITE MEETING TO DISCUSS THE ALTERNATIVE APPROACH TO THE CONSTRUCTION.

ROADWAY CONSTRUCTION

1. THE SURVEYOR SHALL STAKE-OUT THE PROPOSED DRIVEWAY CENTERLINES, LIMITS OF CUT AND BUILDINGS.
2. IMPLEMENT THE GENERAL SEQUENCE NOTES 1 THROUGH 6 WHERE APPLICABLE PRIOR TO CONTINUING.
3. ONCE THE TREE REMOVAL OPERATION IS COMPLETE, STRIP THE TOPSOIL WITHIN THE WORK BOUNDARY AND PLACE EXCAVATED TOPSOIL WITHIN THE IDENTIFIED STOCKPILE LOCATIONS. ANY SOILS SO DEEMED BY THE DESIGN OR MONITORING ENGINEER SHALL BE STOCKPILED FOR FUTURE USE AS LANDSCAPED AREA TOPSOIL. CONTRACTOR SHALL TAKE EVERY PRECAUTION FEASIBLE TO REDUCE THE AMOUNT OF DISTURBED/EXPOSED SOILS DURING CONSTRUCTION.
4. SOIL STABILIZATION MUST OCCUR BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS FROM COMPLETION OF SOIL DISTURBANCE ACTIVITY PER GP-025-001. AREA TO BE STABILIZED WITH WOODCHIPS, HYDRO-MULCH, OR STRAW AND SEED.
5. PRIOR TO STARTING THE WORK INSTALL ALL EROSION AND SEDIMENT CONTROLS INCLUDING THE INSTALLATION OF THE STABILIZED CONSTRUCTION ENTRANCE AT THE EXISTING ROADWAY ENTRANCE OFF GOMER AND CORDIAL THE CONSTRUCTION ENTRANCE SHOWN AT THE PROPOSED MAIN ENTRANCE SHALL BE INSTALLED. THE CONSTRUCTION ENTRANCE SHALL REMAIN AT THIS LOCATION UNTIL THE PAVED ENTRANCE IS INSTALLED.
6. BEGIN THE SITE GRADING AND EXCAVATION FOR THE ROADWAY. BRING TO SUB-GRADE.
7. STAKE-OUT THE LOCATION OF THE UTILITIES AND UTILITY STRUCTURES. INSTALL DRAINAGE INFRASTRUCTURE INCLUDING CATCH BASINS, PIPING, AND LEVEL SPREADER. EXISTING SEPTIC FIELDS TO BE REMOVED ONLY IN AREAS WITHIN THE LIMITS OF DISTURBANCE AND IN ACCORDANCE WITH WCDOH STANDARDS. BEGIN CONSTRUCTION OF INFILTRATION AND DETENTION BASIN. THE INFILTRATION BASIN SHALL BE CONSTRUCTED FROM THE OUTSIDE TO THE GREATEST EXTENT POSSIBLE TO AVOID COMPACTION OF THE EXISTING SOILS IN THE INVERT. CREATE BOULDER WALL USING BEDROCK FOUND ON SITE. INSTALL OUTLET PIPES AND RIP-RAP VELOCITY DISSIPATER.
8. WHEN THE INFILTRATION BASIN IS INSTALLED, THE UPSTREAM DRAINAGE STRUCTURES SHALL BE BLOCKED SO AS TO NOT ALLOW SEDIMENT LADEN WATER FROM REACHING THE PRACTICE.
9. BACKFILL UTILITY TRENCHES AS INSTALLATION IS COMPLETE AND STABILIZE THE AREA. IF TRENCHES ARE TO BE LEFT OPEN, PLACE EXCAVATED MATERIAL ON THE UP-SLOPE SIDES OF THE TRENCH AND PROTECT AND STABILIZE IF IT IS TO REMAIN OPEN FOR AN EXTENDED PERIOD OF SEVEN (7) DAYS OR MORE.
10. INSTALL SUB-BASE COURSE MATERIAL FOR ROADWAY.
11. STAKE OUT AND INSTALL CURBING AS PER PLAN, ONCE CURBING IS COMPLETED AROUND CATCH BASINS, RE-INSTALL INLET PROTECTION WITHIN CATCH BASINS. WHEN CURBING IS COMPLETE, BACKFILL WITH TOPSOIL. AREAS THAT ARE FILLED WITH TOPSOIL ARE TO BE RAKED, SEEDED, AND HAY MULCHED.
12. UPON COMPLETION OF THE MAJORITY OF THE INFRASTRUCTURE, INSTALL PAVEMENT BASE AND BINDER COURSE TO THE THICKNESS AND ELEVATION AS PER THE CONSTRUCTION PLANS.

NOTE: NO STORMWATER IS PERMITTED TO ENTER THE INFILTRATION SYSTEM FROM THE UPSTREAM CONVEYANCE SYSTEM AND SHALL BE BLOCKED UNTIL THE COMPLETION AND STABILIZATION OF ALL AREAS TRIBUTARY TO THE BASIN. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.

HOME SITE CONSTRUCTION AND DRAINAGE INSTALLATIONS

13. IMPLEMENT THE GENERAL SEQUENCE NOTES 1 THROUGH 6 (EXCEPT NOTE 3) WHERE APPLICABLE PRIOR TO CONTINUING.
14. PROVIDE MAINTENANCE OF SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. UPON COMPLETION OF FINAL GRADING, INSTALLATION OF VEGETATIVE COVER AND INSTALLATION OF FULL STABILIZATION VEGETATIVE COVER, TEMPORARY EROSION CONTROL MEASURES CAN BE REMOVED.
15. ROUGH-GRADE DRIVEWAYS PRIOR TO CLEARING AND GRUBBING HOUSE AND LAWN AREAS. STABILIZE GRADED AREAS AND SWALES BY SEEDING AND MULCHING. EROSION BLANKETS WILL BE USED WHERE SLOPES ARE 3:1 OR GREATER AND IN SWALES.
16. INSTALL DRAINAGE SYSTEM. THESE AREAS SHALL BE IMMEDIATELY SEEDED AND STABILIZED WITH EROSION BLANKETS.
17. AS STATED ABOVE, ALL EROSION AND SEDIMENT CONTROLS SHOULD BE IN PLACE. CLEAR AND GRUB DRIVEWAYS AND BASIN LOCATION.
18. THE INDIVIDUAL LOTS MAY BE CONSTRUCTED IN ANY ORDER,BUT REQUIRES FOLLOWING THE ABOVE PROCEDURE.
19. PROCEED WITH THE CONSTRUCTION OF THE BUILDINGS. AT ANY POINT DURING THIS BEGIN INSTALLATION OF THE UTILITIES INCLUDING THE WATER AND SEWER CONNECTIONS, DRAINAGE AND POWER UTILITIES. PROVIDE SEDIMENT CONTROLS FOR TRENCHES AS INSTALLATION IS COMPLETED. STABILIZE SOILS AT THE END OF EACH DAY.
20. INSTALL SUB-BASE COURSE MATERIAL FOR DRIVEWAY.
21. INSTALL HARDSCAPE SUCH AS PATIOS, WALKS STEPS ETC., AND FINAL VEGETATION INCLUDING SOD AND LANDSCAPING. REFER TO LANDSCAPE PLANS FOR LOCATION AND IDENTIFICATION OF GROUND COVER AND PLANTINGS. CLEAR SITE OF DEBRIS AND ALL UNWANTED MATERIALS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
22. DURING THE FINAL PHASE OF BUILDING CONSTRUCTION, FINISH GRADE, PERFORM SOIL RESTORATION REQUIREMENTS (SEE FIGURE 8.1), TOPSOIL, RAKE, AND SEED ALL AREAS AS REQUIRED. WHERE REQUIRED OR RECOMMENDED, HYDRO-MULCH OR INSTALL EROSION CONTROL BLANKETS.

FINAL SITE STABILIZATION AND COMPLETION OF NEW CONSTRUCTION:

23. UPON COMPLETION OF ALL WORK, THE SITE SHALL BE INSPECTED BY THE SUPERVISING ENGINEER AND TOWN INSPECTOR TO DETERMINE COMPLETION OF ALL WORK AND PERMANENT STABILIZATION OF THE SITE.
24. ANY AREAS DEEMED INCOMPLETE OR NOT PROPERLY STABILIZED SHALL BE DONE SO TO THE SATISFACTION OF THE SUPERVISING ENGINEER AND TOWN INSPECTOR.
25. ONCE THE SITE IS DEEMED ADEQUATELY STABLE THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CAN BE REMOVED. AT THAT TIME IF DEEMED APPROPRIATE DRAINAGE STRUCTURES UPSTREAM FROM THE SUBSURFACE STORMWATER MANAGEMENT SYSTEMS SHALL BE CLEANED OF SEDIMENT AND DEBRIS. THEY CAN THEN BE UNBLOCKED TO ALLOW FOR FLOW OF COLLECTED SURFACE RUNOFF.

CONTACT INFORMATION DURING AND AFTER CONSTRUCTION:
JOHN GERBINO
3232 GOMER ST
YORKTOWN HEIGHTS, NY 10598
PHONE: (914) 299-8985

Winter Stabilization Notes:

If construction activities are expected to extend into or occur during the winter season the contractor shall anticipate proper stabilization and sequencing. Construction shall be sequenced such that wherever possible areas of disturbance that can be completed and permanently stabilized shall be done by applying and establishing permanent vegetative cover before the first frost. Areas subject to temporary disturbance that will not be worked for an extended period of time shall be treated with temporary seed, mulch, and/or erosion blankets.

OWNER/OPERATOR CERTIFICATION

"I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for *stormwater discharges* from *construction activities* and that it is unlawful for any person to cause or contribute to a *violation of water quality standards*. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations"

Name (please print) _____

Title _____

Date _____

Address _____

Phone _____

E-mail _____

Signature _____

Name of Trained Individual _____

CONTRACTOR CERTIFICATION

Contractor Certification Statement - All contractors and subcontractors identified in a SWPPP in accordance with Part III.A.6 (SPDES General Permit for Stormwater Runoff from Construction Activity, GP-0-20-001, January 2020) of this permit shall sign a copy of the following certification statement before undertaking any construction activity at the site identified in the SWPPP:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the Owner *or Operator* must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Individual Contractor:

Name and Title (please print) _____

Signature of Contractor _____

Name of Trained Individual _____

Company / Contracting Firm:

Name of Company _____

Address of Company _____

Telephone Number / Cell Number _____

Site Information:

Address of Site _____

_____

Today's Date: _____

Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4810, Fax-(914) 962-7586
www.sitedesignconsultants.com

PROJECT # 22-01

STATE OF NEW YORK — JOSEPH C. RINA — LICENSED PROFESSIONAL ENGINEER

Engineer: Joseph C. Rina, P.E.
NYS Lic. No. 64411

Revisions:

No.	Date	Comments
1.	10/3/2024	Submission To Planning Board
2.	1/17/2025	Submission To Planning Board

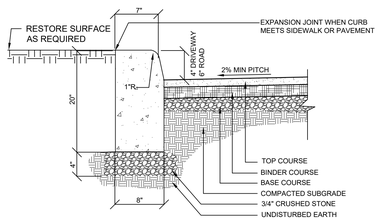
SCALE:
DRAWN BY: AKM
DATE: 05/28/25

E&SC DETAILS

SITE PLAN PREPARED FOR
MJM LAND DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown — Westchester County, NY

Sheet C-501

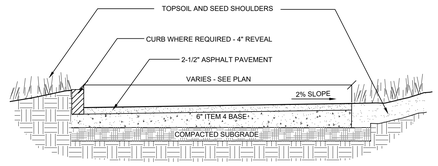
NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.



NOTE:
1. Provide 1/2" expansion joint in concrete curb every ten feet.
2. Construct curb with class A concrete (3000 psi).

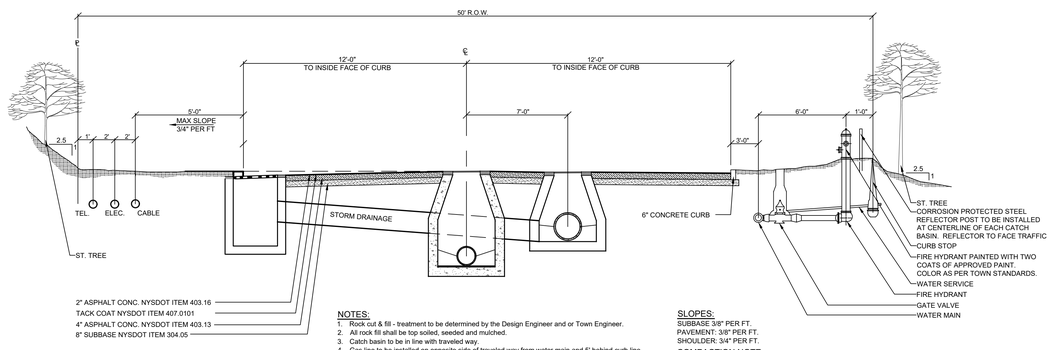
R-1 CONCRETE CURB DETAIL

NOT TO SCALE



R-3 TYPICAL RESIDENTIAL DRIVEWAY DETAIL

NOT TO SCALE



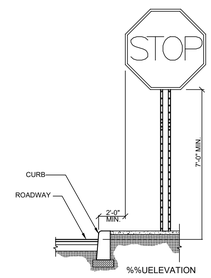
NOTES:
1. Rock cut & fill - treatment to be determined by the Design Engineer and or Town Engineer.
2. All rock fill shall be top soiled, seeded and mulched.
3. Catch basin to be in line with traveled way.
4. Gas line to be installed on opposite side of traveled way from water main and 5' behind curb line.
5. Invert to be installed in all storm manholes.
6. Where sidewalks are installed, mailboxes shall be placed on opposite side of road.
7. See subdrain detail for subdrain location.

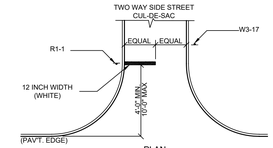
SLOPES:
SUBBASE 3/8" PER FT.
PAVEMENT: 3/8" PER FT.
SHOULDER: 3/4" PER FT.

COMPACTION NOTE:
1. The Contractor shall be responsible to ensure that all road courses meet the following NYSDOT compaction specifications:
   Subbase Compaction: Item 203-3.12.
   Asphalt Compaction: Item 401-3.12.

R-2 TYPICAL 24 FT ROAD SECTION WITH 50 FT R.O.W.

NOT TO SCALE





SYMBOL	DESCRIPTION
GR. MT. OH MT. BR MT. B/B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED BACK TO BACK
OR	APPROXIMATE LOCATION OF SIGN

TYPICAL INSTALLATION GUIDELINES

SIGN	M.U.T.C.D. NUMBER	SIZE OF SIGN	TYPE OF MOUNT
STOP	R1-1	30" X 30"	GR. MT.

GENERAL NOTES:
1. All signage shall be in accordance with the latest edition of the national MUTCD and the N.Y.S Supplement (MUTCD), September 2007, including the following:
   A. Letter size and series
   B. Legend and background color
   C. Reflectivity
   D. Size of sign
2. The type of characters as specified in the standard specifications shall be as follows:

MUTCD CODE LETTER	TYPE OF CHARACTER
G.I.	TYPE IV
R.P.W.M.	TYPE IV OR V.

3. Sign locations as shown on plans are approximate. The Contractor shall relocate existing signs and install new signs in accordance with the MUTCD, latest edition. The Contractor shall contact the Town Engineer to discuss/resolve problem areas.
4. Except where otherwise specified, parking signs shall be placed facing approaching traffic at an angle of between 30 and 45 degrees with the line of traffic flow. Parking signs shall be placed at each end of a regulation (single-headed arrows) and, within the regulation (double-headed arrows), at intervals not to exceed 200 ft
5. Where new signs are installed the Contractor shall affix a label to the back of the sign panel. This label will show the date of installation and identification numbers.
6. Placement of W3-17 sign is prescribed in the General Municipal Law.

R-4 TRAFFIC SIGN DETAIL

NOT TO SCALE

PROJECT # 22-01

Site Design Consultants
Civil Engineers • Land Planners
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www.sitedesignconsultants.com

Engineer: Joseph C. Rima, P.E.
NYS Lic. No. 64411

Revisions:

No.	Date	Comments:
1.	10/8/2025	Submission To Planning Board
2.	1/17/2025	Submission To Planning Board

SCALE:

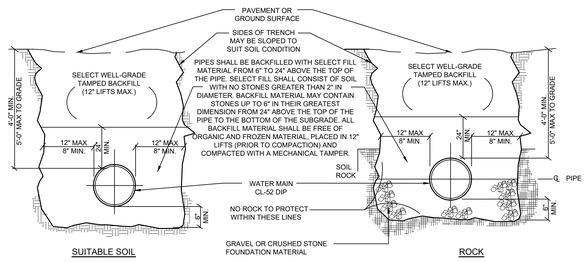
DRAWN BY: AKM

DATE: 05/28/25

SITE AND STORMWATER DETAILS

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown Westchester County, NY

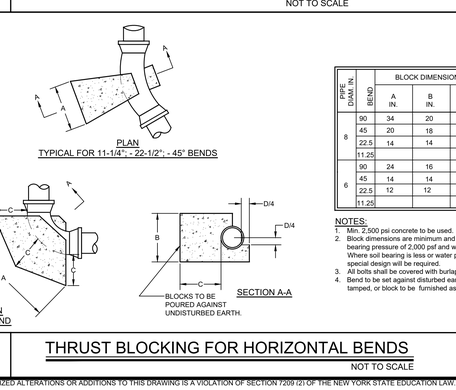
Sheet C-502



NOTES:
1. In materials to be considered as unsuitable (i.e. Muck) material is to be replaced 24" below the pipe invert and replaced with item no. 4 bedding.
2. A continuous and uniform bedding shall be provided in the trench for all buried pipe. Backfill material shall be tamped in layers around the pipe and to a sufficient height above the pipe to adequately support and protect the pipe. Stones found in the trench shall be removed for a depth of at least six inches below the bottom of the pipe.
3. See Pavement Replacement Detail for backfill specifications in local and main TOWN roads.

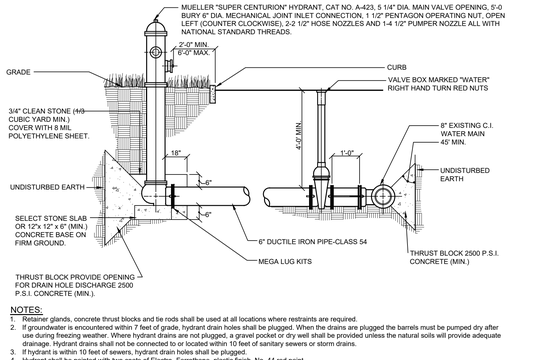
W-1 WATER MAIN BEDDING DETAIL

NOT TO SCALE



W-2 WATER SERVICE CONNECTION DETAIL

NOT TO SCALE



NOTES:
1. Retainer glands, concrete thrust blocks and tie rods shall be used at all locations where restraints are required.
2. If groundwater is encountered within 7 feet of grade, hydrant drain holes shall be plugged. When the drains are plugged the barrels must be pumped dry after use during freezing weather. Where hydrant drains are not plugged, a gravel pocket or dry well shall be provided unless the natural soils will provide adequate drainage. Hydrant drains shall not be connected to or located within 10 feet of sanitary sewers or storm drains.
3. If hydrant is within 10 feet of sewers, hydrant drain holes shall be plugged.
4. Hydrant shall be painted with two coats of Electro- Farnchane, plastic finish, No. 44 red paint.
5. All gate valves shall be Mueller AWWA standard.

W-3 FIRE HYDRANT DETAIL

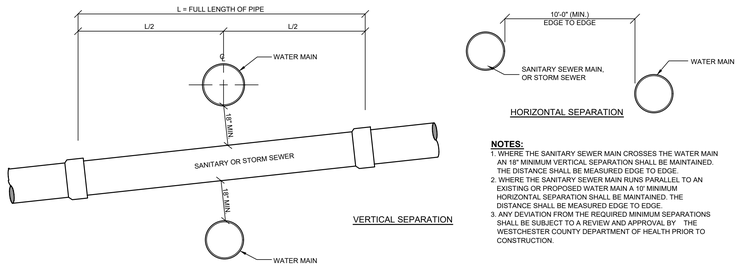
NOT TO SCALE

PIPE DIAM. IN.	BEND	BLOCK DIMENSIONS A IN.	B IN.	C IN.	CONCRETE VOLUME FT³.
8	90	34	20	12	4.4
	45	20	18	12	2.5
	22.5	14	14	12	1.6
	11.25				(3)
6	90	24	16	12	2.5
	45	14	14	12	1.5
	22.5	12	12	12	1.2
	11.25				(3)

NOTES:
1. Min. 2,500 psi concrete to be used.
2. Block dimensions are minimum and are based upon soil bearing pressure of 2,000 psf and water pressure of 150 psi. Where soil bearing is less or water pressure is greater, a special design will be required.
3. All bolts shall be covered with burlap before pouring concrete.
4. Bend to be set against disturbed earth, backfill to be firmly tamped, or block to be furnished as directed by the engineer.

W-4 THRUST BLOCKING FOR HORIZONTAL BENDS

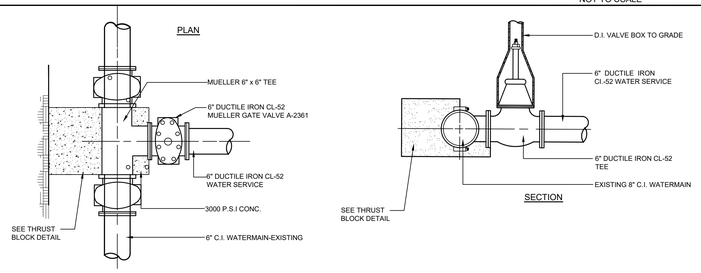
NOT TO SCALE



NOTES:
1. WHERE THE SANITARY SEWER MAIN CROSSES THE WATER MAIN AN 18" MINIMUM VERTICAL SEPARATION SHALL BE MAINTAINED. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE.
2. WHERE THE SANITARY SEWER MAIN RUNS PARALLEL TO AN EXISTING OR PROPOSED WATER MAIN A 10' MINIMUM HORIZONTAL SEPARATION SHALL BE MAINTAINED. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE.
3. ANY DEVIATION FROM THE REQUIRED MINIMUM SEPARATIONS SHALL BE SUBJECT TO A REVIEW AND APPROVAL BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH PRIOR TO CONSTRUCTION.

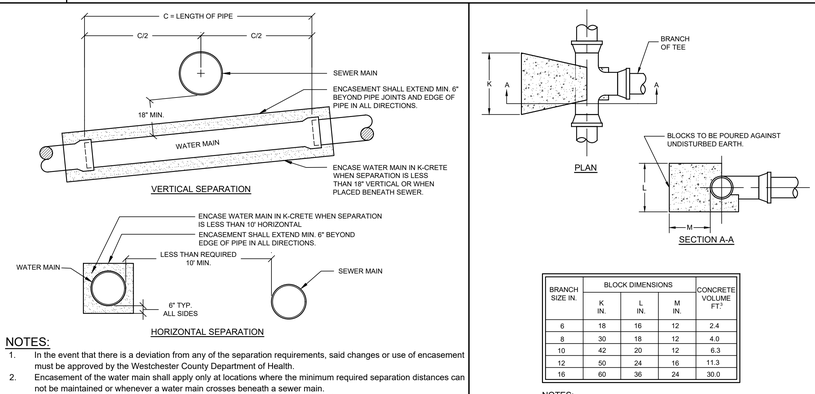
W-5 SEPARATION OF WATER MAINS, SANITARY SEWERS OR STORM SEWERS

NOT TO SCALE



W-6 TEE AND GATE VALVE CONNECTION DETAIL

NOT TO SCALE



NOTES:
1. In the event that there is a deviation from any of the separation requirements, said changes or use of encasement must be approved by the Westchester County Department of Health.
2. Encasement of the water main shall apply only at locations where the minimum required separation distances can not be maintained or whenever a water main crosses beneath a sewer main.
3. Encasement of the water main shall be limited to those locations indicated on the plans.
4. Encasement shall be completed with k-crete having a minimum compressive strength of 50 psi.
5. One full length of sewer pipe shall be laid so both joints will be as far from the water main as possible.
6. Where the sewer has already been installed, the water main shall be placed so that the joints on the water main are equidistant from the sewer. No water pipe shall pass through or come in contact with any sewer manhole.

W-7 WATER MAIN ENCASEMENT DETAIL

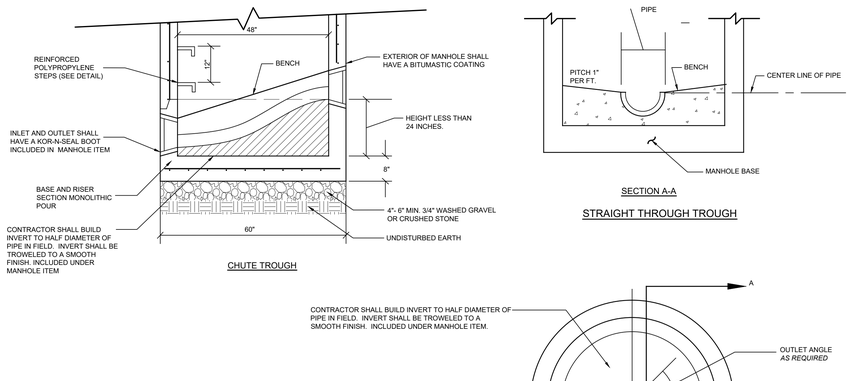
NOT TO SCALE

BRANCH SIZE IN.	BLOCK DIMENSIONS K IN.	L IN.	M IN.	CONCRETE VOLUME FT³.
6	18	16	12	2.4
8	30	18	12	4.0
10	42	20	12	6.3
12	50	24	16	11.3
16	60	36	24	30.0

NOTES:
1. Min. 2,500 psi concrete to be used.
2. Block dimensions are minimum and are based upon soil bearing pressure of 2,000 psf and water pressure of 150 psi. Where soil bearing is less or water pressure is greater, a special design will be required.
3. All bolts shall be covered with burlap before pouring concrete.

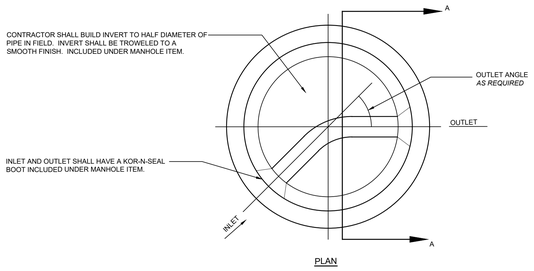
W-8 THRUST BLOCKING FOR TEES

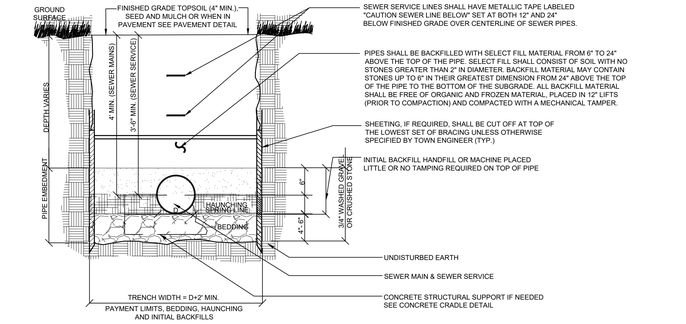
NOT TO SCALE



W-9 TYPICAL SEWER MANHOLE TROUGH DETAIL

NOT TO SCALE

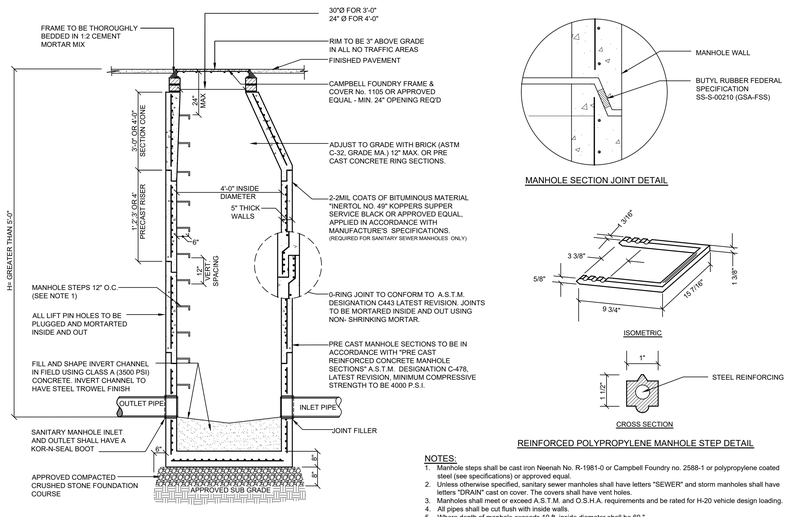




NOTES:
1. Sewer pipe shall be PVC SDR-35 in all cases except where depth of cover exceeds 10 ft. In cases where cover exceeds 10 ft, sewer pipe shall be a min. PVC SDR-26. When a sewer main is installed in a fill section, the fill shall be compacted to a min. 95% standard proctor and certified to the Town of Cortlandt.
2. No rock is to project into within the edges of the trench. In rock excavation pipe shall be a min. of 6" over and away from rock.
3. Backfill shall be placed so as to not disturb the pipe alignment.
4. In areas where adequate cover can not be maintained for sewer main, proper protection shall be provided against freezing and superimposed loading.

S-1 SEWER MAIN / SEWER SERVICE TRENCH DETAIL

NOT TO SCALE

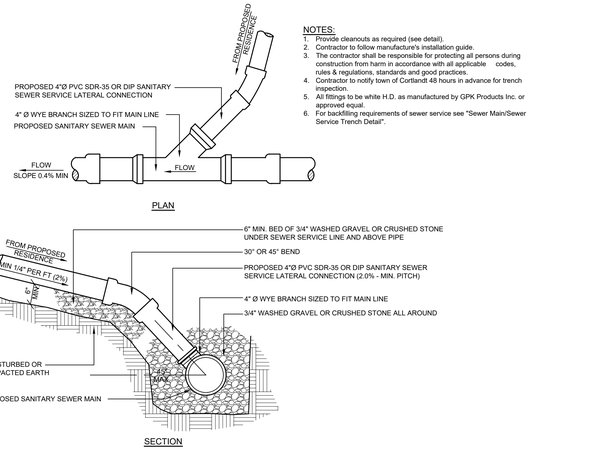


REINFORCED POLYPROPYLENE MANHOLE STEP DETAIL

NOTES:
1. Manhole steps shall be cast iron Neenah No. R-1981-0 or Campbell Foundry no. 2588-1 or polypropylene coated steel (see specifications) or approved equal.
2. Unless otherwise specified, sanitary sewer manholes shall have letters "SEWER" and storm manholes shall have letters "DRAIN" cast on cover. The covers shall have vent holes.
3. Manholes shall meet or exceed A.S.T.M. and O.S.H.A. requirements and be rated for H-20 vehicle design loading.
4. All pipes shall be cut flush with inside walls.
5. Where depth of manhole exceeds 10 ft, inside diameter shall be 60 ".

S-2 PRECAST CONCRETE SEWER MANHOLE DETAIL

NOT TO SCALE



NOTES:
1. Provide cleanouts as required (see detail).
2. Contractor to follow manufacture's installation guide.
3. The contractor shall be responsible for protecting all persons during construction from harm in accordance with all applicable codes, rules & regulations, standards and good practices.
4. Contractor to notify town of Cortlandt 48 hours in advance for trench inspection.
5. All fittings to be white H.D. as manufactured by GPK Products Inc. or approved equal.
6. For backfilling requirements of sewer service see "Sewer Main/Sewer Service Trench Detail".

S-3 SEWER CONNECTION TO PROPOSED MAIN-LINE DETAIL

NOT TO SCALE

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PROJECT # 22-01

STATE OF NEW YORK JOSEPH C. RIINA LICENSED PROFESSIONAL ENGINEER

Engineer: Joseph C. Riina, P.E.
NYS Lic. No. 64431

Revisions:	Comments:
1.	10/3/2024 Submission To Planning Board
2.	1/17/2025 Submission To Planning Board

SCALE:

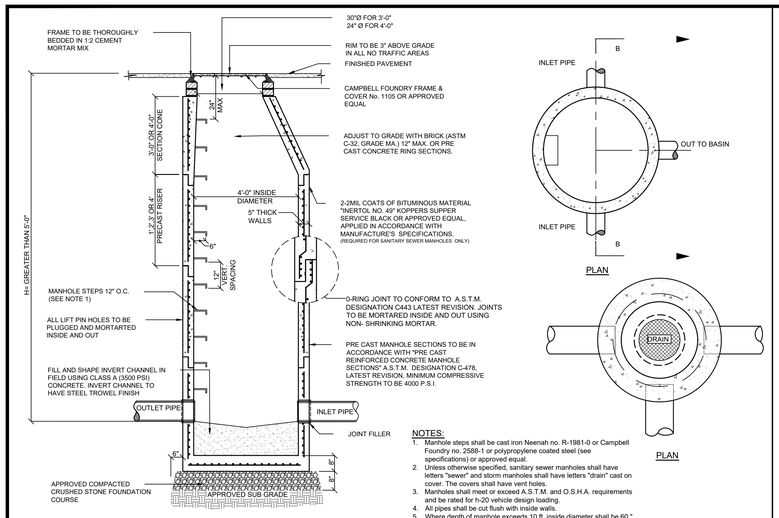
DRAWN BY: AKM

DATE: 05/28/25

WATER & SEWER DETAILS

SITE PLAN PREPARED FOR
MJM LAND DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-503

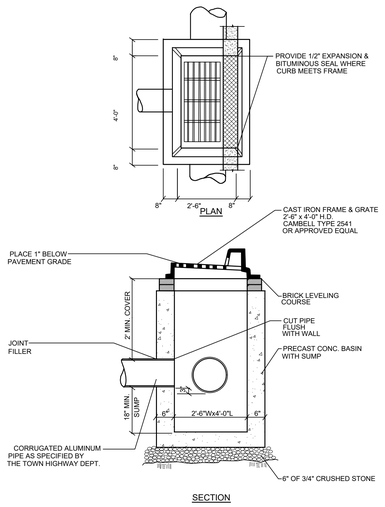


NOTES:

1. Manhole steps shall be cast iron Neenah no. R-1981-0 or Campbell Foundry no. 2588-1 or polypropylene coated steel (see specifications) or approved equal.
2. Unless otherwise specified, sanitary sewer manholes shall have letters "sewer" and storm manholes shall have letters "drain" cast on cover. The covers shall have vent holes.
3. Manholes shall meet or exceed A.S.T.M. and O.S.H.A. requirements and be rated for h-20 vehicle design loading.
4. All pipes shall be cut flush with inside walls.
5. Where depth of manhole exceeds 10 ft, inside diameter shall be 60 ".

D-1 STORM DRAIN MANHOLE DETAIL

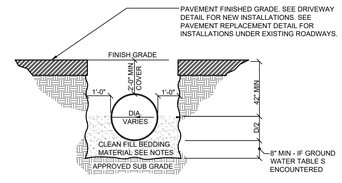
NOT TO SCALE



SECTION

D-2 CATCH BASIN DETAIL

NOT TO SCALE

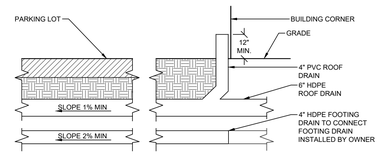


NOTES:

1. Pipe shall be laid and connected in the bedding which shall consist of:
   A. Compacted existing subsoil when laid above ground water or;
   B. 3/4" crushed stone when laid below ground water.
2. If subsoil is determined to be unsuitable by the Engineer, all unsuitable material shall be removed for at least 2'-6" below the pipe invert or twice the pipe diameter, whichever is greater, and replaced with compacted bedding material.

D-3 STORM PIPE BEDDING DETAIL

NOT TO SCALE



D-4 ROOF & FOOTING DRAIN CONNECTION DETAIL

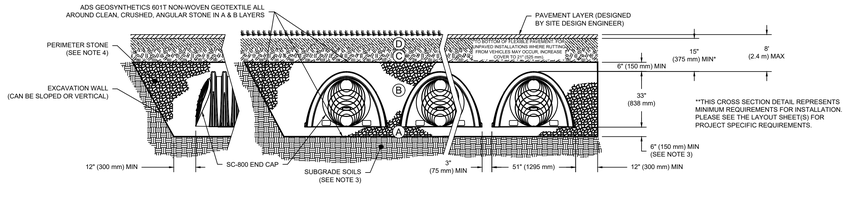
NOT TO SCALE

ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

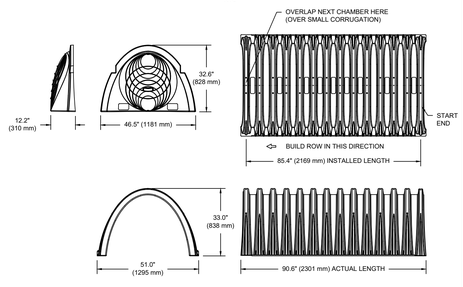
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2" (50 mm).
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 750 LBS/FT/% AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

SW-1 ADS SC-800 CROSS SECTION DETAIL

NOT TO SCALE

SC-800 TECHNICAL SPECIFICATION

NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 33.0" X 85.4"	(1295 mm X 838 mm X 2169 mm)
CHAMBER STORAGE	50.6 CUBIC FEET	(1.43 m³)
MINIMUM INSTALLED STORAGE*	78.4 CUBIC FEET	(2.22 m³)
WEIGHT	81.8 lbs.	(37.1 kg)

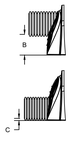
NOMINAL END CAP SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	46.5" X 32.6" X 10.5"	(1181 mm X 828 mm X 267 mm)
END CAP STORAGE	3.4 CUBIC FEET	(0.09 m³)
MINIMUM INSTALLED STORAGE**	14.7 CUBIC FEET	(0.42 m³)
WEIGHT	15.7 lbs.	(7.1 kg)

* ASSUMES 6" (150 mm) STONE ABOVE AND BELOW CHAMBER, 3" (75 mm) BETWEEN CHAMBERS
**ASSUMES 6" (150 mm) STONE ABOVE AND BELOW END CAPS, 3" (75 mm) BETWEEN ROWS, 12" (300 mm) BEYOND END CAPS

PRE-CORED HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "BPC"
PRE-CORED HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "TPC"

PART #	STUB	B	C
SC800EPE06TPC	6" (150 mm)	21.4" (544 mm)	---
SC800EPE06BPC		---	0.9" (23 mm)
SC800EPE08TPC	8" (200 mm)	19.2" (488 mm)	---
SC800EPE08BPC		---	1.0" (25 mm)
SC800EPE10TPC	10" (250 mm)	17.0" (432 mm)	---
SC800EPE10BPC		---	1.2" (30 mm)
SC800EPE12TPC	12" (300 mm)	14.4" (366 mm)	---
SC800EPE12BPC		---	1.6" (41 mm)
SC800EPE15TPC	15" (375 mm)	11.3" (287 mm)	---
SC800EPE15BPC		---	1.7" (43 mm)
SC800EPE18TPC	18" (450 mm)	8.0" (203 mm)	---
SC800EPE18BPC		---	2.0" (51 mm)
SC800ECEZ	24" (600 mm)	---	2.3" (58 mm)



NOTE: ALL DIMENSIONS ARE NOMINAL

SW-2 ADS SC-800 TECH SPEC DETAIL

NOT TO SCALE

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PROJECT # 22-01

Engineer: Joseph C. Rina, P.E. NYS Lic. No. 64411

Revisions:

No.	Date	Comments:
1.	10/3/2025	Submission To Planning Board
2.	1/17/2025	Submission To Planning Board

SCALE:
DRAWN BY: AKM
DATE: 05/28/25

STORMWATER DETAILS

SITE PLAN
PREPARED FOR
MJM LAND
DEVELOPMENT CORP.
3232 Gomer Street
Town of Yorktown
Westchester County, NY

Sheet C-504