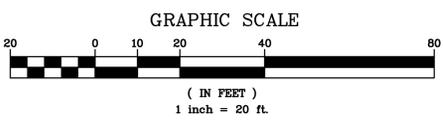


ZONING ANALYSIS TABLE			
REGULATION: R-1-20 (One-Family Residential) Tax Map No.: 17.18-1-8	REQ'D	PROPOSED	
		Lot 8	Lot 8.1
Lot Area (s.f.)	20,000.00	20,804.02	20,545.40
Lot Area (Ac.)	0.46	0.48	0.47
Lot Width (ft.)	100.00	175.00	118.00
Lot Depth (ft.)	100.00	118.00	175.00
Min. Yards			
- Front (ft.)	40.00	71.90	41.60
- Side (ft.)	15.00	41.80	42.50
- Both Sides (ft.)	40.00	88.00	87.50
- Rear (ft.)	40.00	54.10	82.00
Min. Floor Area	800	>800	>800
Lot Coverage	20%	7.25%	7.34%
Off-Street Parking	1	2	2
Road Frontage	100.00	0 (Variance Granted)	0 (Variance Granted)
Area of House Footprint		1,508	1,508
Area of Driveway		1,856	1,311

**LEGEND**

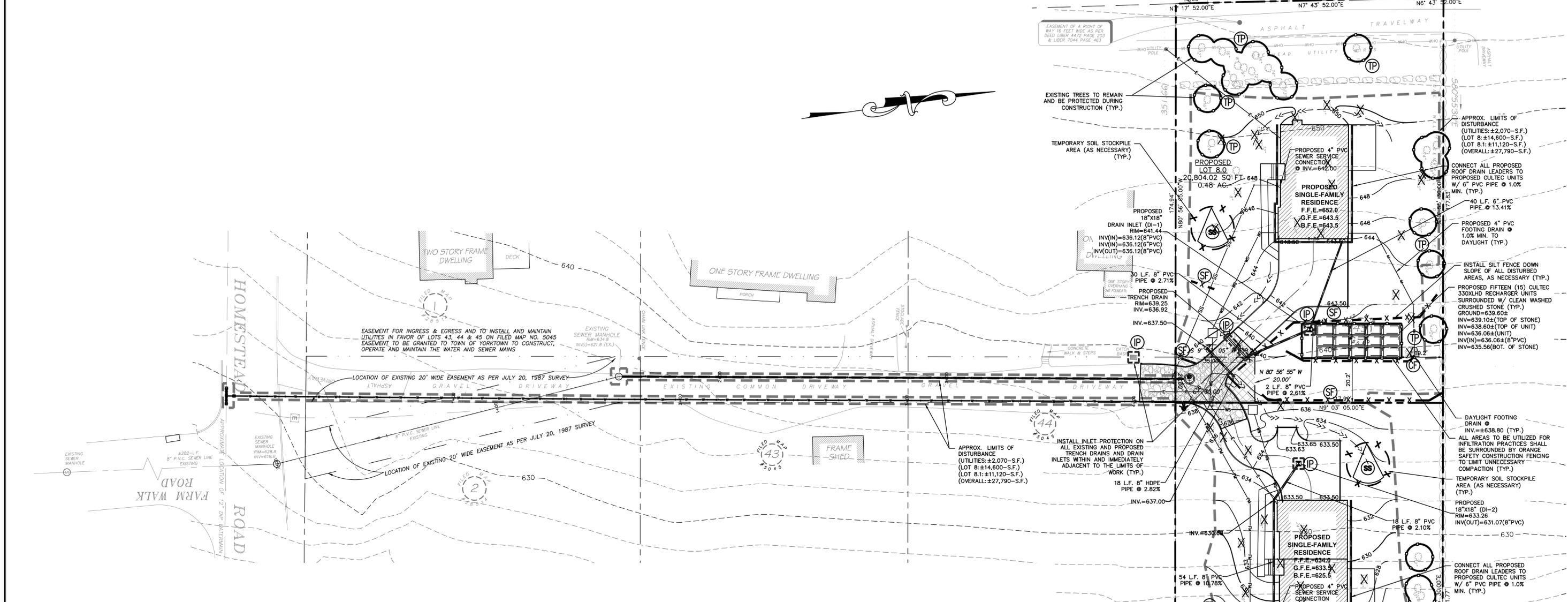
- PROPERTY LINE ———
- SETBACK LINE - - - - -
- PROPOSED EASEMENT [Hatched Box]
- PROPOSED BELGIAN BLOCK CURB [Dashed Line]
- PROPOSED ASPHALT DRIVEWAY [Solid Grey Box]
- PROPOSED WALKWAY/PATIO [Brick Pattern Box]
- PROPOSED LIMIT OF DISTURBANCE [Dashed Line]



EXISTING INFORMATION SHOWN HEREON TAKEN FROM A SURVEY PREPARED BY LINK LAND SURVEYORS, P.C. DATED JULY 11, 2017

1/27/26 REVISED PER TOWN/ENGINEER COMMENTS 12/17/25 REVISED PER UPDATED FILE SURVEY Date No.	PROJECT: <b>PROPOSED 2-LOT SUBDIVISION          3138 HEARTHSTONE ROAD          TOWN OF YORKTOWN          WESTCHESTER COUNTY – NEW YORK</b> SUBDIVISION LAYOUT PLAN <b>HUDSON ENGINEERING CONSULTING, P.C.</b> 45 Knollwood Road – Suite 201 Elmford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2025	
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997	EXPIRES: 05/31/26 Date: 10/17/25 Sheet: 2 Scale: 1" = 20' Designed By: D.C. Checked By: M.S. Sheet No.	<b>C-1</b>

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



**INFILTRATION SYSTEM CONSTRUCTION REQUIREMENTS:**

- PRACTICE AREAS SHALL BE CLEARLY MARKED BEFORE ANY SITE WORK BEGINS AND HEAVY EQUIPMENT TRAFFIC SHALL BE RESTRICTED TO AVOID SOIL DISTURBANCE AND COMPACTION. THE EROSION AND SEDIMENT CONTROL PLAN SHALL CLEARLY INDICATE HOW SEDIMENT WILL BE PREVENTED FROM ENTERING THE PRACTICE AREAS.
- FOR DESIGN 1-1 (INFILTRATION TRENCH), LARGE TREE ROOTS SHALL BE TRIMMED FLUSH WITH THE TRENCH SIDES TO PREVENT PUNCTURING OR TEARING OF THE FILTER FABRIC. THE SIDE WALLS SHALL BE ROUGHENED WHERE SHEARED AND SEALED BY HEAVY EQUIPMENT.
- PERMANENT VEGETATIVE COVER WITH 80% UNIFORM DENSITY SHALL BE ESTABLISHED OVER THE ENTIRE CONTRIBUTING PERVIOUS DRAINAGE AREA BEFORE RUNOFF IS DIRECTED INTO THE FACILITY.
- INFILTRATION PRACTICES SHALL NEVER SERVE AS A SEDIMENT CONTROL DEVICE DURING SITE CONSTRUCTION PHASE AND SHALL BE INSTALLED AT THE END OF THE CONSTRUCTION SEQUENCE, TO THE GREATEST EXTENT PRACTICAL.

CONTRACTOR SHALL CONTACT DESIGN ENGINEER TO SCHEDULE A SITE INSPECTION PRIOR TO BACKFILLING INFILTRATION/ATTENUATION SYSTEM(S). ALL CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND VISIBLE AT TIME OF INSPECTION. SHOULD THE CONTRACTOR BACKFILL PRIOR TO INSPECTION, THE CONTRACTOR SHALL EXPOSE THE SYSTEM AT THEIR OWN EXPENSE.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

**EARTHWORK ANALYSIS**

CUT	FILL	NET
474.09 CU. YD.	474.09 CU. YD.	0.00 CU. YD.

**INSTALLATION & MAINTENANCE OF EROSION CONTROL:**

CONSTRUCTION SCHEDULE  
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

**EROSION CONTROL MEASURES:**  
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

**INSPECTION BY MUNICIPALITY - MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)**  
AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HABYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT. INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

**INSPECTION BY MUNICIPALITY - FINAL GRADING**  
REMOVE UNNEEDED SUBGRADE FROM SITE. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

**INSPECTION BY MUNICIPALITY - LANDSCAPING**  
SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEED. HAND RAKE LEVING BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

**INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING**  
GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

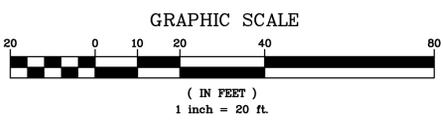
**INSPECTION BY MUNICIPALITY - FINAL INSPECTION**  
ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

- GENERAL NOTES:**
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
  - NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
  - ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO A.C.I., A.I.S.C., ZONING, AND THE NEW YORK STATE BUILDING CODE.
  - ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
  - CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
  - 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 THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
  - SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL REGULATIONS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
  - ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY UN-CALLED DIMENSIONS.
  - ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK. PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
  - OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. 150 ADDITIONAL INSURED ENDORSEMENT FORM NUMBER 022210 1185 UNDER "C". COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
  - INDUSTRIAL CODE RULE 753. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.

**LEGEND**

PROPERTY LINE	---	PROPERTY LINE	---
PROPOSED BELGIAN BLOCK CURB	---	TEMPORARY INLET PROTECTION	IP
PROPOSED CONTOUR	640	TEMPORARY SILT FENCE	X-X-SF
PROPOSED SPOT GRADE	+643.5	TEMPORARY CONSTRUCTION FENCE	CF
PROPOSED STORM PIPE	---	TEMPORARY SOIL STOCKPILE AREA	SS
PROPOSED DRAIN INLET	DI	STABILIZED CONSTRUCTION ENTRANCE	SC
PROPOSED TRENCH DRAIN	---	PROPOSED LIMIT OF DISTURBANCE	---
PROPOSED MANHOLE	M	EXISTING TREE TO BE REMOVED	X
PROPOSED WATER MAIN	W	TREE PROTECTION FENCE	TP
PROPOSED WATER SERVICE	WS		
PROPOSED ELECTRICAL SERVICE	E		
PROPOSED SANITARY SEWER MAIN	SS		
PROPOSED SANITARY SEWER SERVICE	SS		
PROPOSED SANITARY SEWER FORCE MAIN SERVICE	FM		

EXISTING INFORMATION SHOWN HEREON TAKEN FROM A SURVEY PREPARED BY LINK LAND SURVEYORS, P.C. DATED JULY 11, 2017



PROJECT: PROPOSED 2-LOT SUBDIVISION  
3138 HEARTHSTONE ROAD  
TOWN OF YORKTOWN  
WESTCHESTER COUNTY - NEW YORK

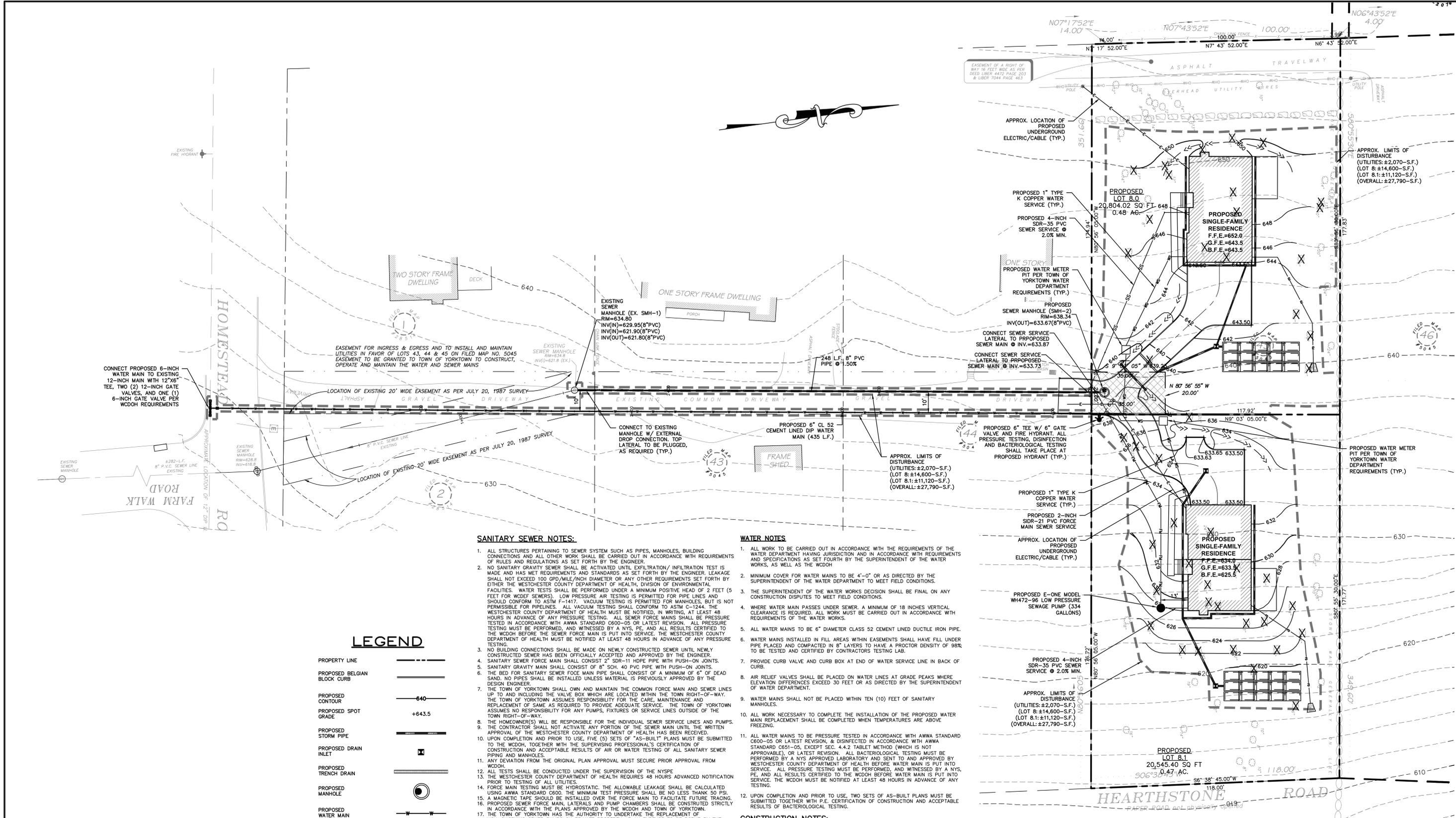
STORMWATER MANAGEMENT AND EROSION & SEDIMENT CONTROL PLAN

**HUDSON ENGINEERING CONSULTING, P.C.**  
45 Knowlwood Road - Suite 201  
Elmwood Park, NY 10523  
T: 914-409-0420  
F: 914-560-2086  
© 2025

DATE: 10/17/25  
SHEET: 3  
DESIGNED BY: D.C.  
CHECKED BY: M.S.  
Sheet No. 9

EXPIRES: 05/31/26

**HEC**



**SANITARY SEWER NOTES:**

- ALL STRUCTURES PERTAINING TO SEWER SYSTEM SUCH AS PIPES, MANHOLES, BUILDING CONNECTIONS AND ALL OTHER WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH REQUIREMENTS OF RULES AND REGULATIONS AS SET FORTH BY THE ENGINEER.
- NO SANITARY GRAVITY SEWER SHALL BE ACTIVATED UNTIL EXFILTRATION/ INFILTRATION TEST IS MADE AND HAS MET REQUIREMENTS AND STANDARDS AS SET FORTH BY THE ENGINEER. LEAKAGE SHALL NOT EXCEED 100 GPD/MILE/INCH DIAMETER OR ANY OTHER REQUIREMENTS SET FORTH BY EITHER THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH, DIVISION OF ENVIRONMENTAL FACILITIES. WATER TESTS SHALL BE PERFORMED UNDER A MINIMUM POSITIVE HEAD OF 2 FEET (5 FEET FOR WDOF SEWERS). LOW PRESSURE AIR TESTING IS PERMITTED FOR PIPE LINES AND SHOULD CONFORM TO ASTM F-1417. VACUUM TESTING IS PERMITTED FOR MANHOLES, BUT IS NOT PERMISSIBLE FOR PIPELINES. ALL VACUUM TESTING SHALL CONFORM TO ASTM C-1244. THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH MUST BE NOTIFIED, IN WRITING, AT LEAST 48 HOURS IN ADVANCE OF ANY PRESSURE TESTING. ALL SEWER FORCE MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA STANDARD C600-05 OR LATEST REVISION. ALL PRESSURE TESTING MUST BE PERFORMED, AND WITNESSED BY A NYS, PE, AND ALL RESULTS CERTIFIED TO THE WDOH BEFORE THE SEWER FORCE MAIN IS PUT INTO SERVICE. THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY PRESSURE TESTING.
- NO BUILDING CONNECTIONS SHALL BE MADE ON NEWLY CONSTRUCTED SEWER UNTIL NEWLY CONSTRUCTED SEWER HAS BEEN OFFICIALLY ACCEPTED AND APPROVED BY THE ENGINEER.
- SANITARY SEWER FORCE MAIN SHALL CONSIST 2" SDR-11 HDPE PIPE WITH PUSH-ON JOINTS.
- SANITARY GRAVITY MAIN SHALL CONSIST OF 8" SCH. 40 PVC PIPE WITH PUSH-ON JOINTS.
- THE BED FOR SANITARY SEWER FORCE MAIN PIPE SHALL CONSIST OF A MINIMUM OF 6" OF DEAD SAND. NO PIPES SHALL BE INSTALLED UNLESS MATERIAL IS PREVIOUSLY APPROVED BY THE DESIGN ENGINEER.
- THE TOWN OF YORKTOWN SHALL OWN AND MAINTAIN THE COMMON FORCE MAIN AND SEWER LINES UP TO AND INCLUDING THE VALVE BOX WHICH ARE LOCATED WITHIN THE TOWN RIGHT-OF-WAY. THE TOWN OF YORKTOWN ASSUMES RESPONSIBILITY FOR THE CARE, MAINTENANCE AND REPLACEMENT OF SAME AS REQUIRED TO PROVIDE ADEQUATE SERVICE. THE TOWN OF YORKTOWN ASSUMES NO RESPONSIBILITY FOR ANY PUMPS, FIXTURES OR SERVICE LINES OUTSIDE OF THE TOWN RIGHT-OF-WAY.
- THE HOMEOWNER(S) WILL BE RESPONSIBLE FOR THE INDIVIDUAL SEWER SERVICE LINES AND PUMPS.
- THE CONTRACTOR SHALL NOT ACTIVATE ANY PORTION OF THE SEWER MAIN UNTIL THE WRITTEN APPROVAL OF THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH HAS BEEN RECEIVED.
- UPON COMPLETION AND PRIOR TO USE, FIVE (5) SETS OF "AS-BUILT" PLANS MUST BE SUBMITTED TO THE WDOH, TOGETHER WITH THE SUPERVISING PROFESSIONAL'S CERTIFICATION OF CONSTRUCTION AND ACCEPTABLE RESULTS OF AIR OR WATER TESTING OF ALL SANITARY SEWER PIPING AND MANHOLES.
- ANY DEVIATION FROM THE ORIGINAL PLAN APPROVAL MUST SECURE PRIOR APPROVAL FROM WDOH.
- ALL TESTS SHALL BE CONDUCTED UNDER THE SUPERVISION OF THE NYSPE.
- THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH REQUIRES 48 HOURS ADVANCED NOTIFICATION PRIOR TO TESTING OF ALL UTILITIES.
- FORCE MAIN TESTING MUST BE HYDROSTATIC. THE ALLOWABLE LEAKAGE SHALL BE CALCULATED USING AWWA STANDARD C600. THE MINIMUM TEST PRESSURE SHALL BE NO LESS THAN 50 PSI.
- A MAGNETIC TAPE SHOULD BE INSTALLED OVER THE FORCE MAIN TO FACILITATE FUTURE TRACKING.
- PROPOSED SEWER FORCE MAIN, LATERALS AND PUMP CHAMBERS SHALL BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THE PLANS APPROVED BY THE WDOH AND TOWN OF YORKTOWN.
- THE TOWN OF YORKTOWN HAS THE AUTHORITY TO UNDERTAKE THE REPLACEMENT OF NON-WORKING SEWER PUMPS ON PRIVATE PROPERTY AT AN EXPENSE TO BE BORNE BY THE PROPERTY OWNER FOLLOWING NOTIFICATION OF THE PROPERTY OWNER AND THEIR FAILURE TO IMMEDIATELY TAKE ACTION THEMSELVES.
- THE TOWN OF YORKTOWN STATES THAT THERE IS ADEQUATE CAPACITY FOR SAID CONNECTION OF THREE ADDITIONAL RESIDENCES (990 GPD), IS WILLING TO PROVIDE SERVICE AND SHALL OWN AND MAINTAIN THE SAID SEWER MAIN EXTENSION ( BOTH GRAVITY PORTION AND LOW PRESSURE SEWER WITHIN THE RIGHT-OF-WAY).
- TOWN OF YORKTOWN (THE TOWN) IS REQUIRED TO ADOPT SANITARY SEWER REGULATIONS SATISFACTORY TO THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH WITH RESPECT TO FUTURE SERVICE CONNECTION TO A COMMON FORCE MAIN THAT IS REQUIRED TO BE IN STRICT CONFORMANCE WITH THE SEWER CONNECTION DETAILS AS PER THE APPROVAL PLAN ISSUED BY THE WESTCHESTER DEPARTMENT OF HEALTH.
- THE TOWN SHALL OWN AND MAINTAIN THE COMMON FORCE MAIN AND THE SEWER LINE UP TO AND INCLUDING THE SERVICE VALVE CHAMBER, LOCATED IN THE TOWN RIGHT OF WAY AT THE PROPERTY LINE.
- THE TOWN SHALL ASSUME RESPONSIBILITY FOR THE CARE, MAINTENANCE AND REPLACEMENT OF THE SYSTEM AS REQUIRED TO PROVIDE ADEQUATE SERVICE.
- THE TOWN SHALL ASSUME NO RESPONSIBILITY FOR ANY PUMPS, FIXTURES OR SERVICE LINES OUTSIDE THE RIGHT OF WAY.
- THE TOWN SHALL ASSUME NO RESPONSIBILITY FOR ANY INDIVIDUAL FORCE MAIN WITHIN THE RIGHT OF WAY PRIOR TO THE ENTRY INTO THE SERVICE VALVE CHAMBER.
- THE TOWN HAS THE AUTHORITY TO UNDERTAKE THE REPLACEMENT OF NON-WORKING SEWER PUMP ON PRIVATE PROPERTY AT THE EXPENSE BORNE BY THE PROPERTY OWNER FOLLOWING NOTIFICATION OF THE PROPERTY OWNER AND THEIR FAILURE TO TAKE ACTION THEMSELVES.
- THE VELOCITY WITHIN INDIVIDUAL FORCE MAIN DOES NOT ACHIEVE THE MINIMUM SCOURING VELOCITY OF 2.0 FT/SEC. THE TOWN IS AWARE OF THE ISSUE AND THAT IT WILL PROVIDE FLUSHING AS NEEDED TO MAINTAIN SERVICE.

**WATER NOTES:**

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE WATER DEPARTMENT HAVING JURISDICTION AND IN ACCORDANCE WITH REQUIREMENTS AND SPECIFICATIONS AS SET FORTH BY THE SUPERINTENDENT OF THE WATER WORKS, AS WELL AS THE WDOH.
- MINIMUM COVER FOR WATER MAINS TO BE 4'-0" OR AS DIRECTED BY THE SUPERINTENDENT OF THE WATER DEPARTMENT TO MEET FIELD CONDITIONS.
- THE SUPERINTENDENT OF THE WATER WORKS DECISION SHALL BE FINAL ON ANY CONSTRUCTION DISPUTES TO MEET FIELD CONDITIONS.
- WHERE WATER MAIN PASSES UNDER SEWER, A MINIMUM OF 18 INCHES VERTICAL CLEARANCE IS REQUIRED. ALL WORK MUST BE CARRIED OUT IN ACCORDANCE WITH REQUIREMENTS OF THE WATER WORKS.
- ALL WATER MAINS TO BE 6" DIAMETER CLASS 52 CEMENT LINED DUCTILE IRON PIPE.
- WATER MAINS INSTALLED IN FILL AREAS WITHIN EASEMENTS SHALL HAVE FILL UNDER PIPE PLACED AND COMPACTED IN 8" LAYERS TO HAVE A PROCTOR DENSITY OF 98% TO BE TESTED AND CERTIFIED BY CONTRACTORS TESTING LAB.
- PROVIDE CURB VALVE AND CURB BOX AT END OF WATER SERVICE LINE IN BACK OF CURB.
- AIR RELIEF VALVES SHALL BE PLACED ON WATER LINES AT GRADE PEAKS WHERE ELEVATION DIFFERENCES EXCEED 30 FEET OR AS DIRECTED BY THE SUPERINTENDENT OF WATER DEPARTMENT.
- WATER MAINS SHALL NOT BE PLACED WITHIN TEN (10) FEET OF SANITARY MANHOLES.
- ALL WORK NECESSARY TO COMPLETE THE INSTALLATION OF THE PROPOSED WATER MAIN REPLACEMENT SHALL BE COMPLETED WHEN TEMPERATURES ARE ABOVE FREEZING.
- ALL WATER MAINS TO BE PRESSURE TESTED IN ACCORDANCE WITH AWWA STANDARD C600-05 OR LATEST REVISION, & DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651-05, EXCEPT SEC. 4.4.2 TABLET METHOD (WHICH IS NOT APPROVABLE), OR LATEST REVISION. ALL BACTERIOLOGICAL TESTING MUST BE PERFORMED BY A NYS APPROVED LABORATORY AND SENT TO AND APPROVED BY WESTCHESTER COUNTY DEPARTMENT OF HEALTH BEFORE WATER MAIN IS PUT INTO SERVICE. ALL PRESSURE TESTING MUST BE PERFORMED, AND WITNESSED BY A NYS, PE, AND ALL RESULTS CERTIFIED TO THE WDOH BEFORE WATER MAIN IS PUT INTO SERVICE. THE WDOH MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY TESTING.
- UPON COMPLETION AND PRIOR TO USE, TWO SETS OF AS-BUILT PLANS MUST BE SUBMITTED TOGETHER WITH P.E. CERTIFICATION OF CONSTRUCTION AND ACCEPTABLE RESULTS OF BACTERIOLOGICAL TESTING.

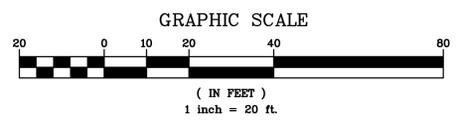
**CONSTRUCTION NOTES:**

ACCESS TO THE DRIVEWAYS ALONG THE PRIVATE ROAD / COMMON DRIVEWAY WILL BE MAINTAINED AT ALL TIMES DURING INSTALLATION OF THE WATER AND SEWER LINES TO THESE PROPERTIES.

NO HEAVY EQUIPMENT TO BE OPERATED ON SATURDAY OR SUNDAY

INSPECTION OF THE PROPERTY INDICATED THAT THERE ARE NO EXISTING WELLS WITHIN 50 FEET OF THE PROPOSED SANITARY SEWER

EXISTING INFORMATION SHOWN HEREON TAKEN FROM A SURVEY PREPARED BY LINK LAND SURVEYORS, P.C. DATED JULY 11, 2017



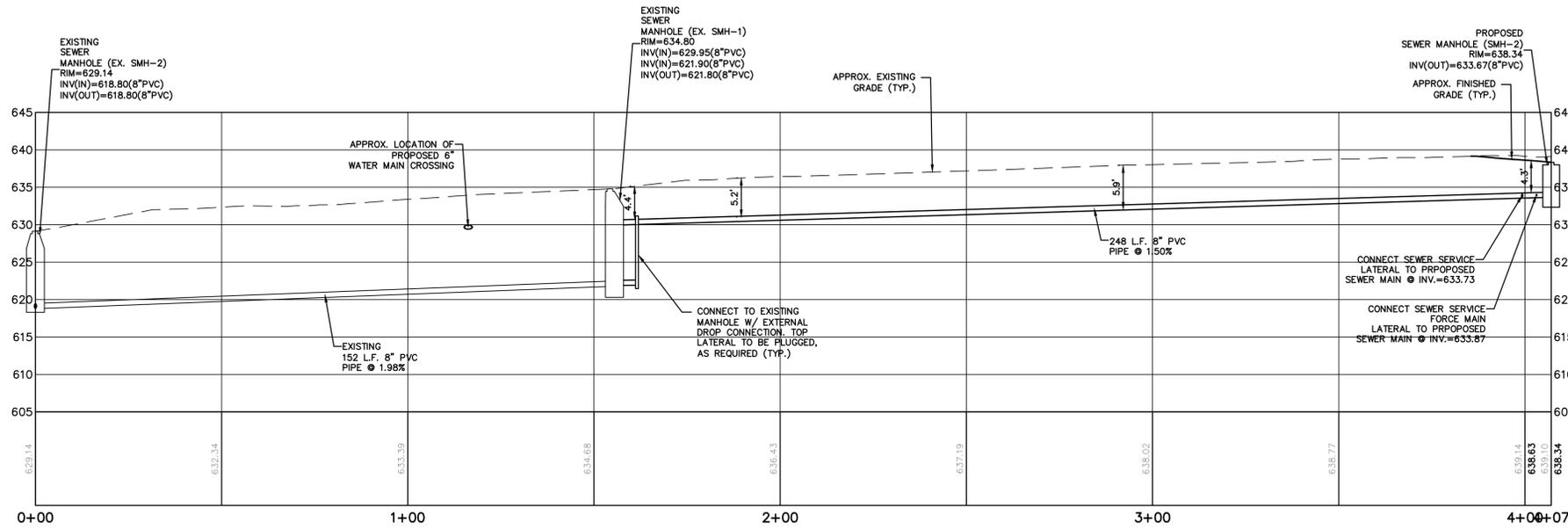
**LEGEND**

- PROPERTY LINE
- PROPOSED BELGIAN BLOCK CURB
- PROPOSED CONTOUR
- PROPOSED SPOT GRADE
- PROPOSED STORM PIPE
- PROPOSED DRAIN INLET
- PROPOSED TRENCH DRAIN
- PROPOSED MANHOLE
- PROPOSED WATER MAIN
- PROPOSED WATER SERVICE
- PROPOSED ELECTRICAL SERVICE
- PROPOSED SANITARY SEWER MAIN
- PROPOSED SANITARY SEWER SERVICE
- PROPOSED SANITARY SEWER FORCE MAIN SERVICE
- PROPOSED LIMIT OF DISTURBANCE

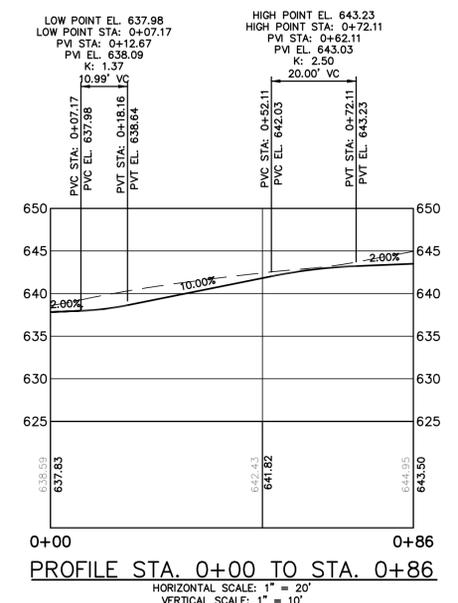
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REVISION PER TOWN/ENGINEER COMMENTS 1. REVISED PER TOWN/ENGINEER COMMENTS 2. REVISED PER TOWN/ENGINEER COMMENTS	PROJECT: <b>PROPOSED 2-LOT SUBDIVISION</b> <b>3138 HEARTHSTONE ROAD</b> <b>TOWN OF YORKTOWN</b> <b>WESTCHESTER COUNTY - NEW YORK</b>	
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997	UTILITY PLAN  45 Knowlwood Road - Suite 201 Elmstead, New York 10523 F: 914-409-0420 F: 914-560-2086	EXPIRES: 05/31/26 Date: 10/17/25 Scale: 1" = 20' Designed By: D.C. Checked By: M.S. Sheet No. 9

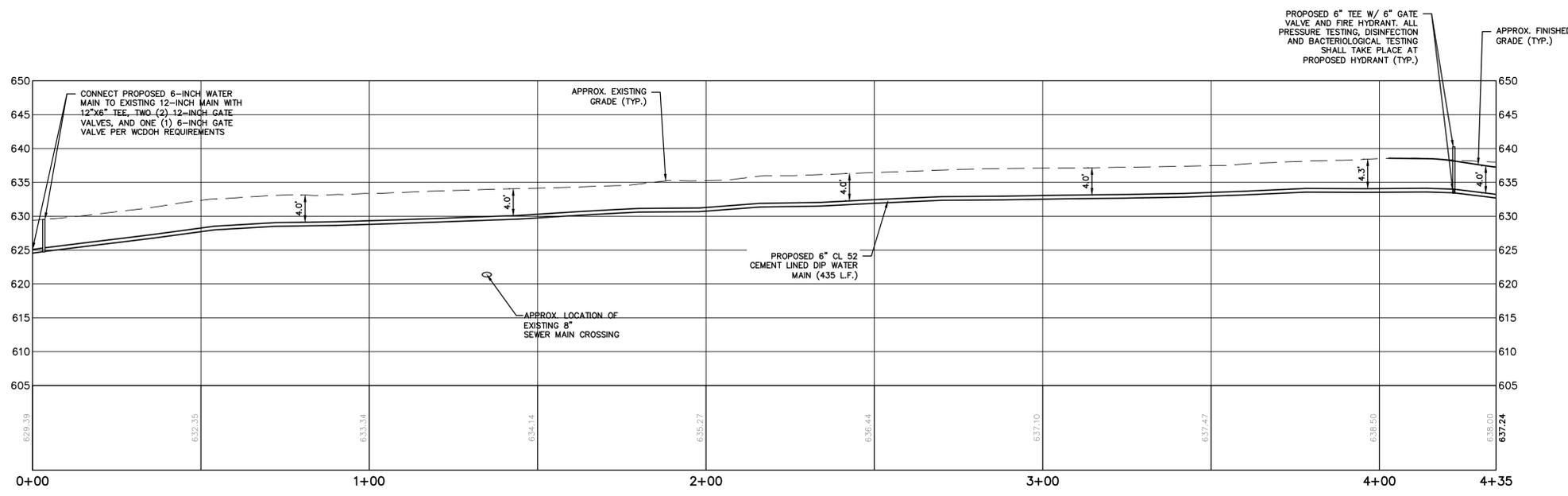
**C-3**



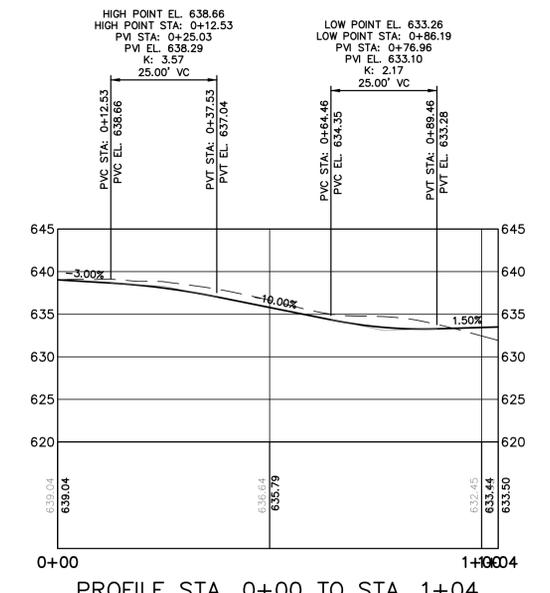
**SANITARY SEWER PROFILE**  
(STA. 0+00 TO STA. 4+07)  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'



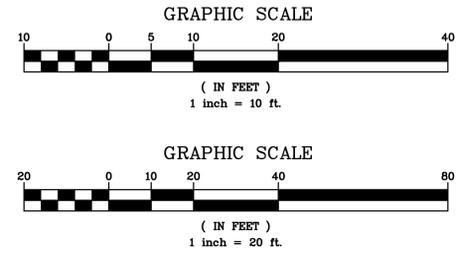
**PROFILE STA. 0+00 TO STA. 0+86**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'  
**DRIVEWAY - LOT 8**



**WATER MAIN PROFILE**  
(STA. 0+00 TO STA. 4+35)  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'

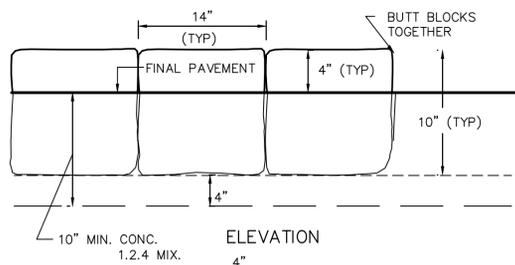


**PROFILE STA. 0+00 TO STA. 1+04**  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 10'  
**DRIVEWAY - LOT 8.1**

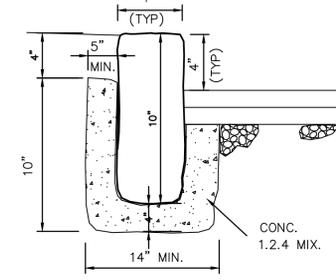


ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

<table border="1"> <tr><td>1</td><td>REVISED PER TOWN/NEIGHBOR COMMENTS</td><td>1/27/26</td><td>Date</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> </table>	1	REVISED PER TOWN/NEIGHBOR COMMENTS	1/27/26	Date	2				3				<p>PROJECT: <b>PROPOSED 2-LOT SUBDIVISION</b> 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK</p> <p>PROFILES</p> <p><b>HUDSON</b> ENGINEERING CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmford, New York 10523 T: 914-909-0420 F: 914-560-2086</p> <p>DATE: 10/17/25 SHEET: 5 SCALE: AS NOTED DESIGNED BY: D.C. CHECKED BY: M.S.</p> <p>EXPIRES: 05/31/26</p> <p>STATE OF NEW YORK MICHAEL F. STEIN No. 60837 LICENSED PROFESSIONAL ENGINEER</p> <p>C-4</p>
1	REVISED PER TOWN/NEIGHBOR COMMENTS	1/27/26	Date										
2													
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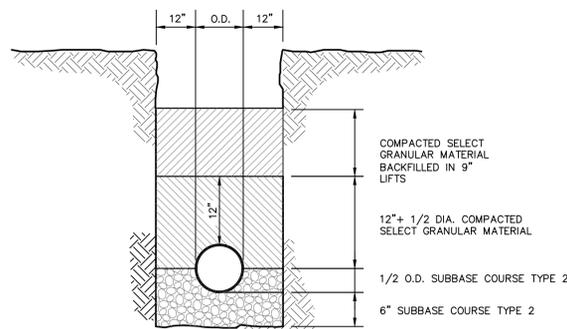


ELEVATION

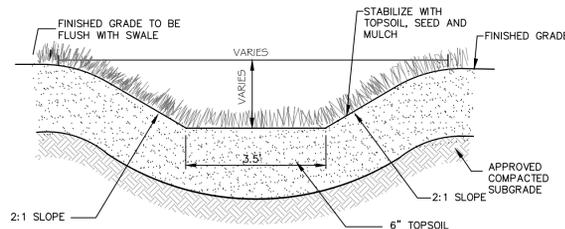


SECTION

BELGIUM BLOCK CURB DETAIL

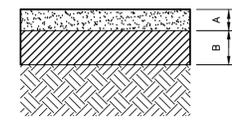


PIPE TRENCH BEDDING



- NOTES:
- FOR SWALE SLOPES EXCEEDING 8% JUTE MESH SHALL BE UTILIZED TO STABILIZE THE SWALE BASE.
  - AREA ADJACENT TO SWALE TO BE BROUGHT TO FINISHED GRADE IMMEDIATELY AS REQUIRED, TOPSOILED, SEEDED AND MAINTAINED FOR EROSION CONTROL.

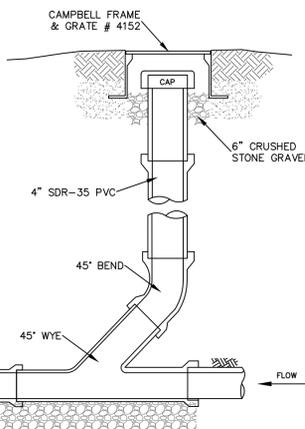
GRASS LINED SWALE



A - 3" TOP COURSE - N.Y.S.D.O.T. ITEM, 403.17B202, TYPE 6 F2

B - 6" SUBBASE COURSE - N.Y.S.D.O.T. ITEM, 304.12, TYPE 2

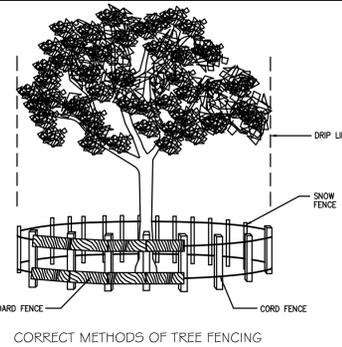
DRIVEWAY PAVEMENT SECTION



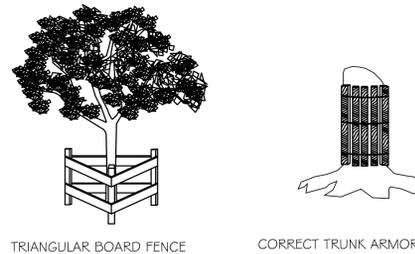
SEWER CLEANOUT DETAIL (GRAVITY)

- NOTES (STORM SEWER):
- REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6" SDR-35 @ 1.0% MINIMUM.
  - CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION IS PROPOSED.

FENCING AND ARMORING

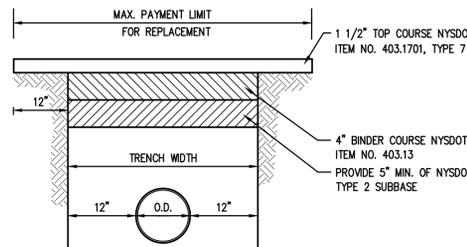


CORRECT METHODS OF TREE FENCING

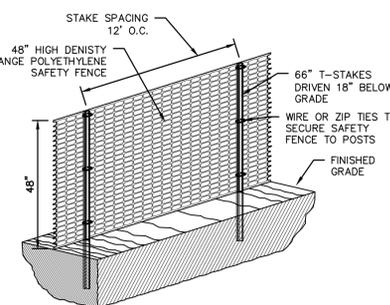


TRIANGULAR BOARD FENCE

CORRECT TRUNK ARMORING

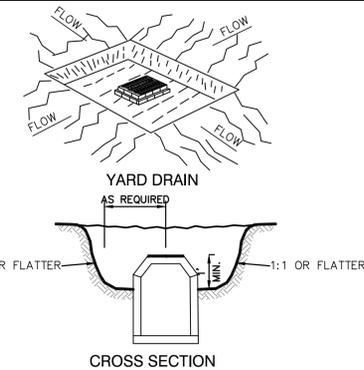


ASPHALTIC MACADAM PAVEMENT REPLACEMENT



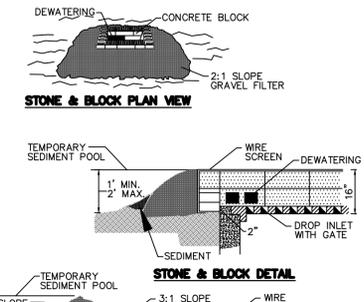
CONSTRUCTION FENCE

Catch Basin Sediment Trap (ST-III)



- CONSTRUCTION SPECIFICATIONS:
- SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND STABILIZED.
  - THE VOLUME OF SEDIMENT STORAGE SHALL BE 3600 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
  - THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
  - CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
  - THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
  - ALL CUT SLOPES SHALL BE 1:1 OR FLATTER; MAXIMUM DRAINAGE AREA = 3-ACRES.

Stone & Block Drop Inlet Protection

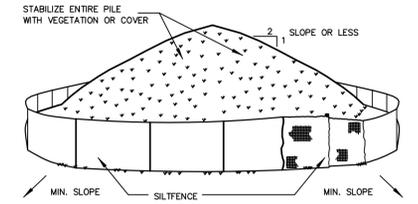


STONE & BLOCK DETAIL

CONSTRUCTION SPECIFICATION

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- HARDWARECLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
- USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF BLOCK ON A 2:1 SLOPE OR FLATTER.
- FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE.

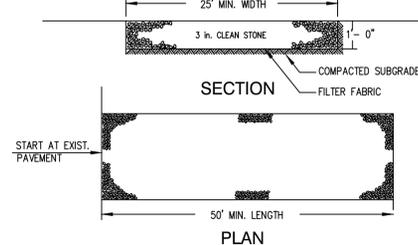
Soil Stockpiling



INSTALLATION NOTES

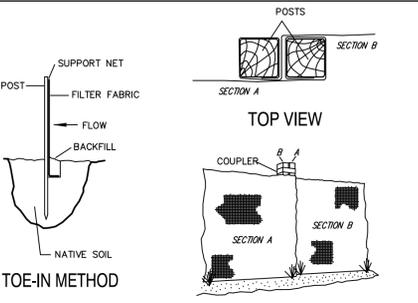
- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVER.
- STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDED BY SILT FENCE.
- SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

Stabilized Construction Entrance



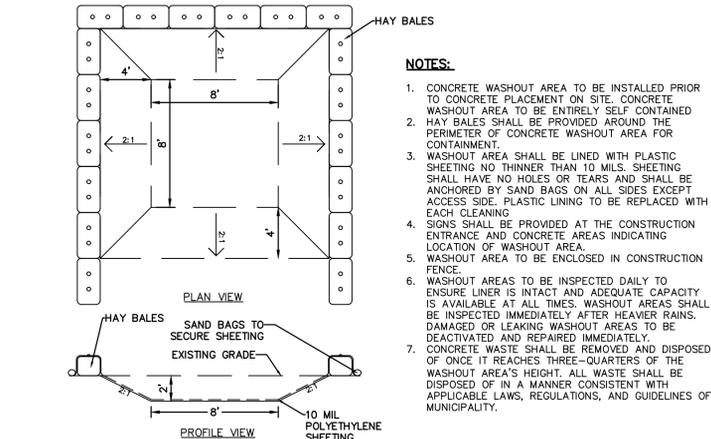
- INSTALLATION NOTES:
- STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
  - LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
  - THICKNESS - NOT LESS THAN SIX (6) INCHES.
  - WIDTH - 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
  - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
  - 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.
  - 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 CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
  - 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.
  - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

Silt Fence



INSTALLATION NOTES:

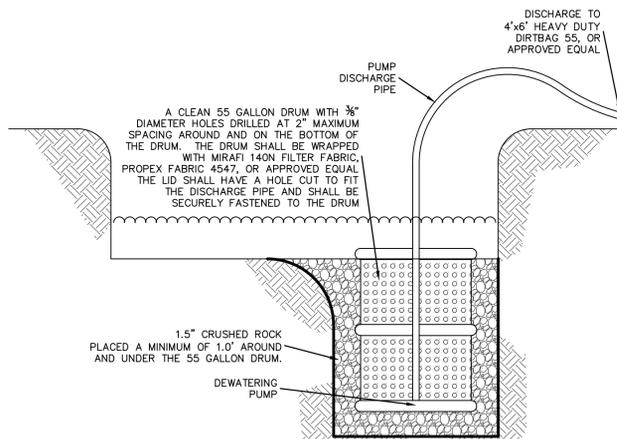
- EXCAVATE A 4 INCH \* 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
- UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
- DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
- 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.
- JOIN SECTIONS AS SHOWN ABOVE.



CONCRETE WASHOUT AREA

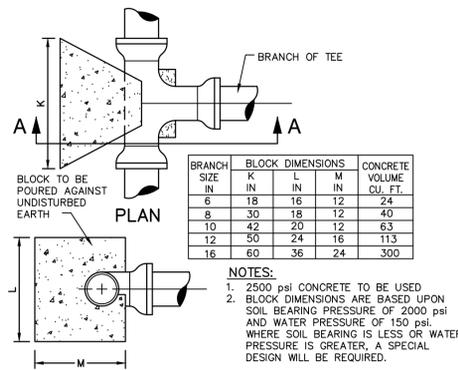
NOTES:

- CONCRETE WASHOUT AREA TO BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. CONCRETE WASHOUT AREA TO BE ENTIRELY SELF CONTAINED. HAY BALES SHALL BE PROVIDED AROUND THE PERIMETER OF CONCRETE WASHOUT AREA FOR CONTAINMENT.
- WASHOUT AREA SHALL BE LINED WITH PLASTIC SHEETING NO THINNER THAN 10 MILS. SHEETING SHALL HAVE NO HOLES OR TEARS AND SHALL BE ANCHORED BY SAND BAGS ON ALL SIDES EXCEPT ACCESS SIDE. PLASTIC LINING TO BE REPLACED WITH EACH CLEANING.
- SIGNS SHALL BE PROVIDED AT THE CONSTRUCTION ENTRANCE AND CONCRETE AREAS INDICATING LOCATION OF WASHOUT AREA.
- WASHOUT AREA TO BE ENCLOSED IN CONSTRUCTION FENCE.
- WASHOUT AREAS TO BE INSPECTED DAILY TO ENSURE LINER IS INTACT AND ADEQUATE CAPACITY IS AVAILABLE AT ALL TIMES. WASHOUT AREAS SHALL BE INSPECTED IMMEDIATELY AFTER HEAVY RAINS. DAMAGED OR LEAKING WASHOUT AREAS TO BE DEACTIVATED AND REPAIRED IMMEDIATELY.
- CONCRETE WASTE SHALL BE REMOVED AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE LAWS, REGULATIONS, AND GUIDELINES OF MUNICIPALITY.



TYPICAL DEWATERING SUMP

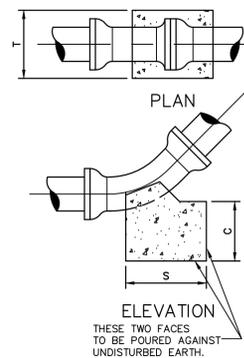
<p>PROJECT:</p> <p>PROPOSED 2-LOT SUBDIVISION 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK</p>	<p>DATE: 10/17/25</p> <p>SCALE: AS NOTED</p> <p>DESIGNED BY: D.C.</p> <p>CHECKED BY: M.S.</p> <p>SHEET NO. 9</p>	<p>EXPIRES: 05/31/26</p> <p>STATE OF NEW YORK MICHAEL F. STOK LICENSED PROFESSIONAL ENGINEER No. 60837</p>
<p>DETAILS</p> <p><b>HUDSON</b> ENGINEERING CONSULTING, P.C. 45 Knowlton Road - Suite 201 Elmsford, New York 10523 T: 914-903-0420 F: 914-560-2086</p>	<p>HEC</p>	<p>C-5</p>



BRANCH SIZE IN.	BLOCK DIMENSIONS IN.	CONCRETE VOLUME CU. FT.
6	18 16 12	24
8	30 18 12	40
10	42 20 12	63
12	50 24 16	113
16	60 36 24	300

- NOTES:**
- 2500 psi CONCRETE TO BE USED
  - BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 psi AND WATER PRESSURE OF 150 psi. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.

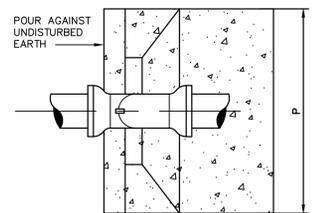
SECTION AA  
**TEES**



PIPE DIM. IN.	BLOCK DIMENSIONS				CONCRETE VOLUME CU. FT.
	S IN.	T IN.	U IN.	V IN.	
90	48	48	48	48	640
45	36	24	18	90	189
16	22 1/2	42	20	18	88
11 1/4					(3)
90	36	36	36	36	270
45	36	24	18	90	189
12	22 1/2	28	18	12	35
11 1/4					(3)
90	30	30	30	30	156
45	30	20	18	63	156
10	22 1/2	22	16	12	24
11 1/4					(3)
90	24	24	24	24	80
45	24	16	12	27	80
8	11 1/2	18	12	12	15
11 1/4					(3)
90	18	18	18	34	80
45	18	12	12	15	15
6	22 1/2	12	12	10	10
11 1/4					(3)

- NOTES:**
- 2500 psi CONCRETE TO BE USED
  - BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 psi AND WATER PRESSURE OF 150 psi. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
  - BEND TO BE SET AGAINST UNDISTURBED EARTH, BACKFILL TO BE FIRMLY TAMPED, OR BLOCK TO BE FURNISHED AS DIRECTED BY THE ENGINEER.

**SAG VERTICAL BENDS**



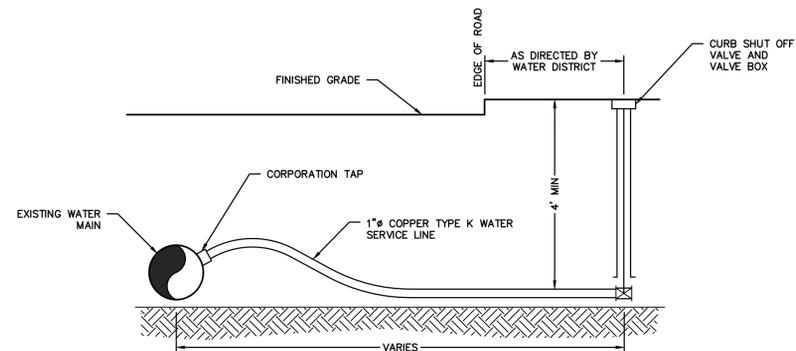
PIPE DIM. IN.	BLOCK DIMENSIONS	CONCRETE VOLUME CU. YD.
45	72 60 56 52	52
16	22 1/2 60 48 44 27	27
11 1/4	60 36 36 14	14
45	60 48 48 3.0	3.0
12	22 1/2 42 42 40 15	15
11 1/4	34 34 34 0.84	0.84
10	54 42 42 2.0	2.0
22 1/2	36 36 36 1.0	1.0
11 1/4	30 30 30 0.58	0.58
45	48 36 36 1.3	1.3
8	22 1/2 32 32 32 0.71	0.71
11 1/4	26 26 26 0.38	0.38
45	42 30 28 0.76	0.76
6	22 1/2 26 26 26 0.38	0.38
11 1/4	24 24 24 0.30	0.30

- NOTES:**
- 2500 psi CONCRETE TO BE USED
  - BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 psi AND WATER PRESSURE OF 150 psi. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
  - WHERE 90° CREST VERTICAL BEND IS REQUIRED APPROVAL MUST FIRST BE OBTAINED FROM THE ENGINEER. A SPECIAL DESIGN WILL BE REQUIRED.
  - 2-#6 REINFORCING RODS REQUIRED FOR 16" 45° BEND; 1#6 REINFORCING ROD REQUIRED FOR ALL OTHER BENDS. EXPOSED BARS TO BE PROVIDED WITH PROTECTIVE COATING.

ELEVATION

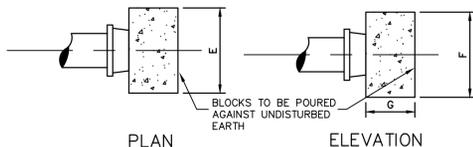
**CREST VERTICAL BENDS**

**NOTE:** IN ADDITION TO THE CONCRETE THRUST BLOCKS, ALL FITTINGS TO BE TIED TOGETHER WITH 3/4" GALVANIZED THREADED RODS, AND ANY OTHER SPECIALS AS DIRECTED BY THE WATER DISTRICT.



- NOTES:**
- WATER DISTRICT TO FURNISH AND INSTALL CORPORATION TAP, SERVICE LINE, AND CURB SHUT OFF VALVE AND VALVE BOX.
  - CONTRACTOR TO EXCAVATE, MAINTAIN, BACKFILL, AND RESTORE TRENCH FOR THE TAP, SERVICE LINE, AND CURB SHUT OFF VALVE.
  - CONTRACTOR TO TAKE OUT PERMIT, PAY FEE, AND TO FOLLOW ALL RULES AND REGULATIONS OF THE LOCAL UTILITY AGENCY.

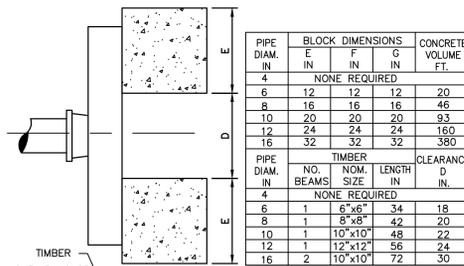
**WATER SERVICE LATERAL**



PIPE DIM. IN.	BLOCK DIMENSIONS			CONCRETE VOLUME CU. FT.
	E IN.	F IN.	G IN.	
6	20	16	12	22
8	28	20	12	39
10	30	24	12	50
12	42	30	14	102
16	52	42	18	227

- NOTES:**
- 2500 psi CONCRETE TO BE USED
  - BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 psi AND WATER PRESSURE OF 150 psi. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
  - FOR USE ON ABANDONED LINES AND DEAD ENDS WHERE NO EXTENSION IS CONTEMPLATED.

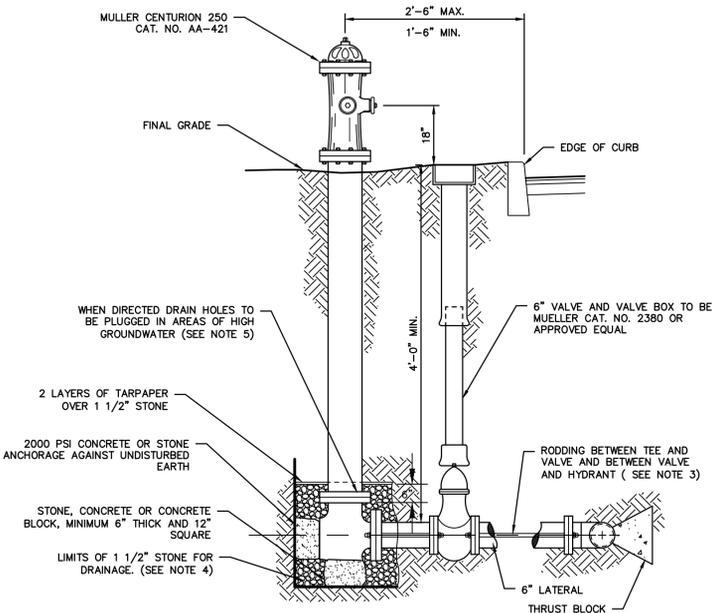
**CAPS, PLUGS AND VALVES**



PIPE DIM. IN.	BLOCK DIMENSIONS			CONCRETE VOLUME CU. FT.
	E IN.	F IN.	G IN.	
4	NONE REQUIRED			
6	12	12	12	20
8	16	16	16	46
10	20	20	20	93
12	24	24	24	160
16	32	32	32	380

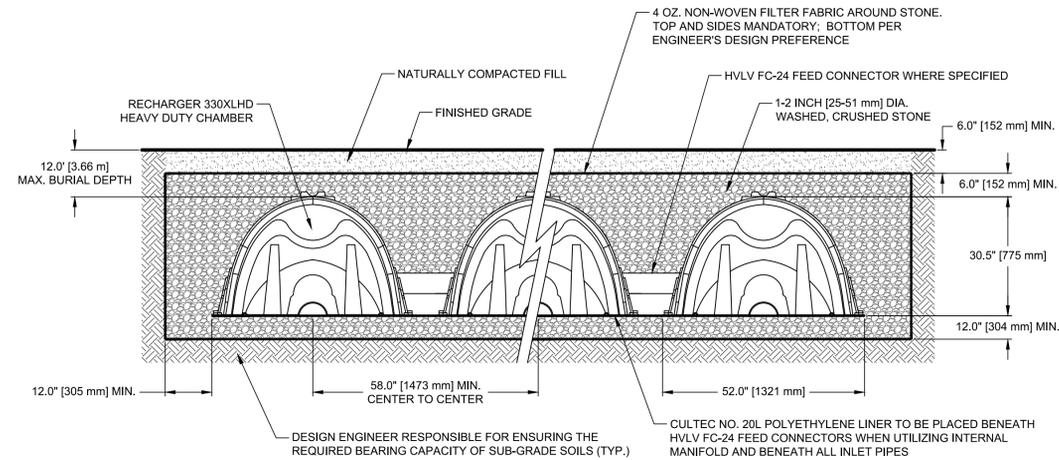
- NOTES:**
- 2500 psi CONCRETE TO BE USED
  - BLOCK DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 2000 psi AND WATER PRESSURE OF 150 psi. WHERE SOIL BEARING IS LESS OR WATER PRESSURE IS GREATER, A SPECIAL DESIGN WILL BE REQUIRED.
  - TIMBER TO BE DOUGLAS FIR CONSTRUCTION GRADE OR BETTER HORIZONTAL SHEAR 120 psi.
  - PROVIDE TAMPED BACKFILL AND/OR BLOCKING TO SUPPORT TIMBER.

**DEAD ENDS**



**HYDRANT SETTING**

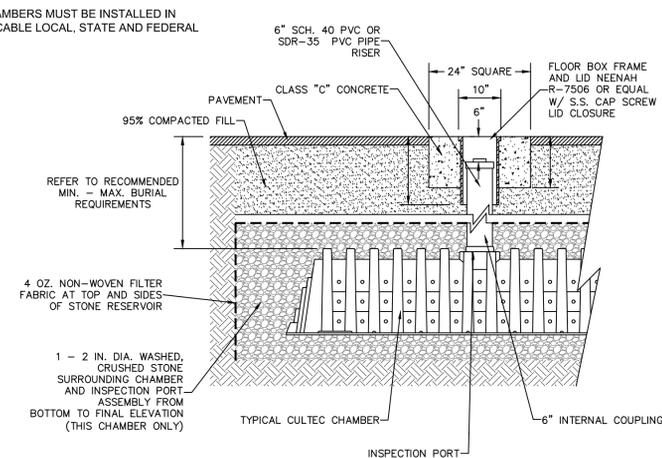
- HYDRANT NOTES:**
- PUMPER OUTLET SHALL FACE STREET; HOSE OUTLETS SHALL BE PARALLEL TO STREET.
  - PLUMBNESS OF HYDRANT TO BE CHECKED IN TWO DIRECTIONS, 90° APART.
  - RODDING SHALL CONSIST OF TWO 3/4" THREADED RODS CAREFULLY COATED WITH BITUMASTIC PAINT. RODDING MAY BE OMITTED BETWEEN THE MAIN AND LATERAL VALVE ONLY WHERE A TAPPING VALVE OR HYDRANT VALVE ANCHORING TEE IS USED.
  - 1 1/2" STONE SHALL BE PLACED AROUND THE HYDRANT FROM THE BOTTOM OF THE TRENCH, BUT AT LEAST 6" BELOW THE BASE OF THE HYDRANT TO 6" ABOVE THE WASTE OPENING AND TO A DISTANCE OF 12" AROUND THE ELBOW.
  - HYDRANTS WITH PLUGGED DRAINS SHALL HAVE A 3" BLACK CIRCLE PAINTED DIRECTLY UNDER THE PUMPER OUTLET.
  - HYDRANT DRAINS TO BE PLUGGED WHERE THE WATER TABLE IS WITHIN 7 FEET OF FINISHED GRADE. WHEN THE DRAINS ARE 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 FT. OF SANITARY SEWERS OR STORM DRAINS.
  - HYDRANT TO CONFORM TO VILLAGE SPECIFICATIONS.
  - AS PER SECTION 8.4.4 OF THE RECOMMENDED STANDARDS FOR WATER WORKS, 2003 EDITION:
    - HYDRANT DRAINS SHOULD 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, STORM SEWERS, OR STORM DRAINS.
    - HYDRANT DRAINS, WHERE ALLOWED, MUST BE ABOVE THE SEASONAL GROUNDWATER TABLE.



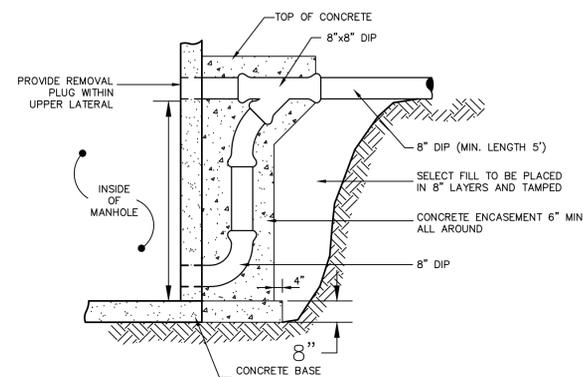
**TYPICAL CROSS SECTION RECHARGER 330XL**

**CULTEC GENERAL NOTES**

RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT<sup>3</sup> [1.05 m<sup>3</sup>/m] PER DESIGN UNIT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS. ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER. ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

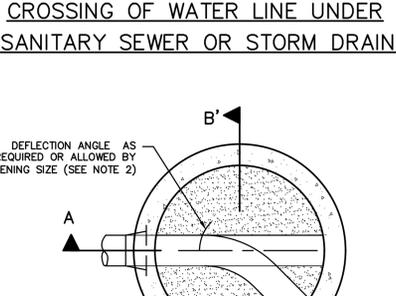
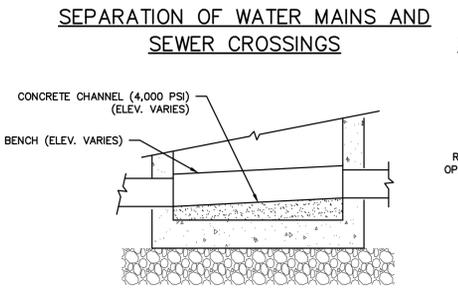
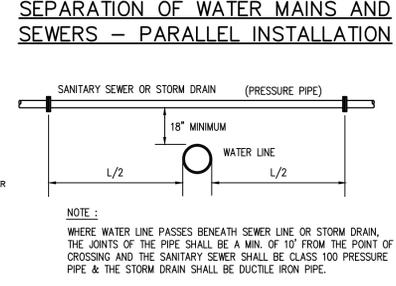
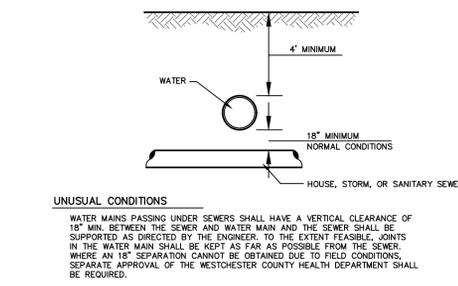
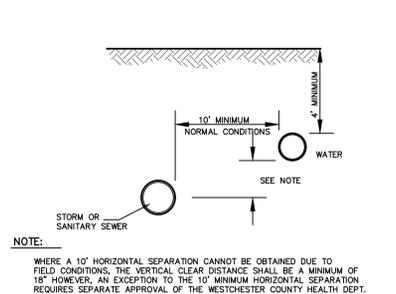
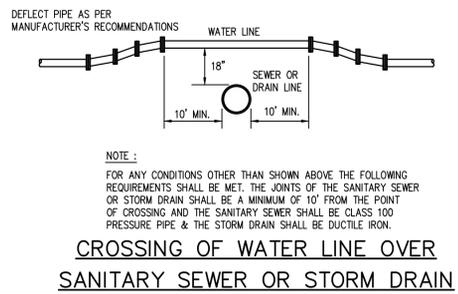
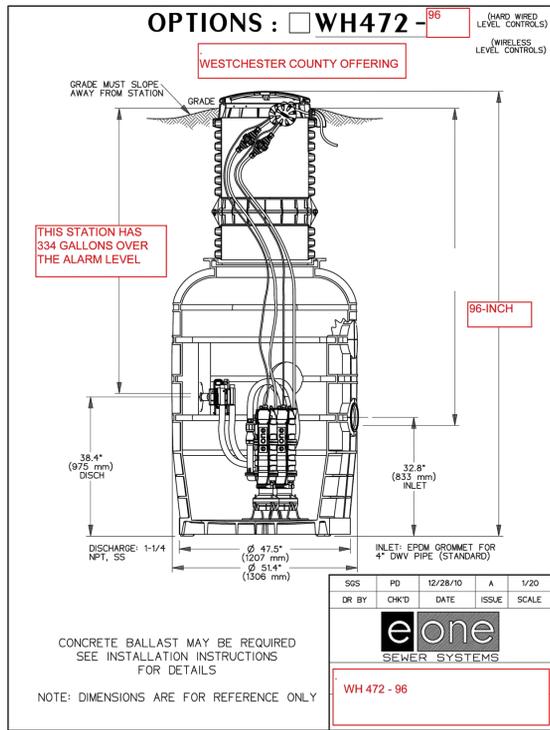


**RECHARGER ACCESS PORT**



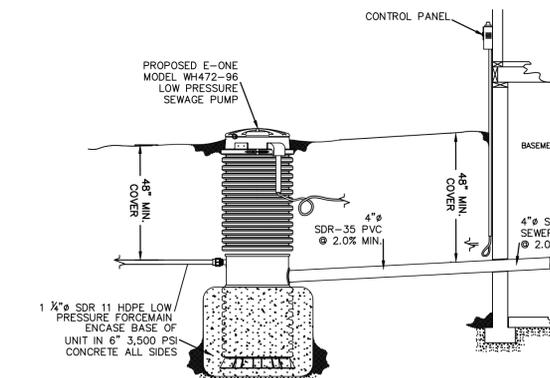
**EXTERIOR DROP MANHOLE CONNECTION**

<p>PROJECT:</p> <p>PROPOSED 2-LOT SUBDIVISION 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK</p>	<p>DATE: 10/17/25</p> <p>SCALE: AS NOTED</p> <p>DESIGNED BY: D.C.</p> <p>CHECKED BY: M.S.</p> <p>SHEET NO. 9</p>	<p>EXPIRES: 05/31/26</p> <p>STATE OF NEW YORK MICHAEL F. STERN LICENSED PROFESSIONAL ENGINEER No. 60837</p>
<p>DETAILS</p> <p><b>HUDSON ENGINEERING CONSULTING, P.C.</b> 45 Knowlton Road - Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086</p>		
<p>HEC</p>		
<p>C-6</p>		

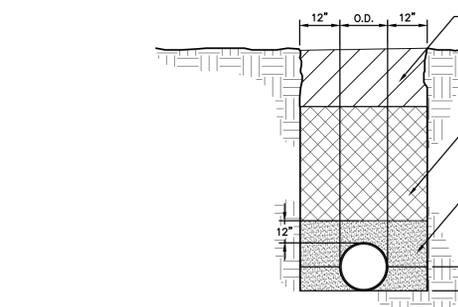
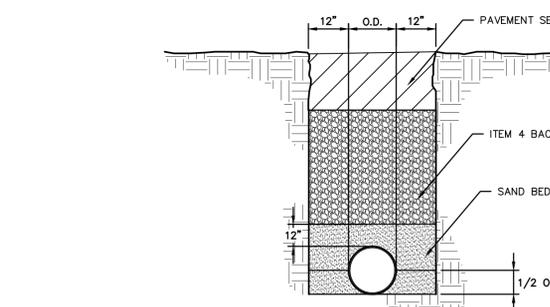


NOTE:  
1. EONE PUMP STATION SHALL BE DUPLEX PUMP ARRANGEMENT WITH A PERMANENTLY INSTALLED QUICK CONNECT TRANSFER SWITCH FOR THE CONNECTION OF A STAND BY GENERATOR IN THE EVENT OF A POWER OUTAGE.

**LOW PRESSURE SEWAGE PUMP**

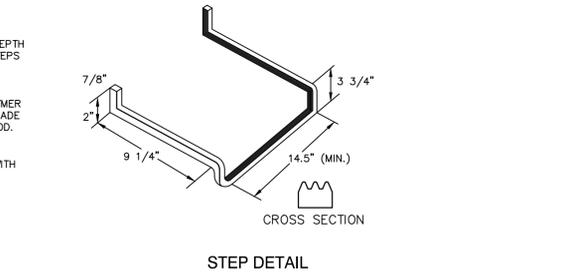
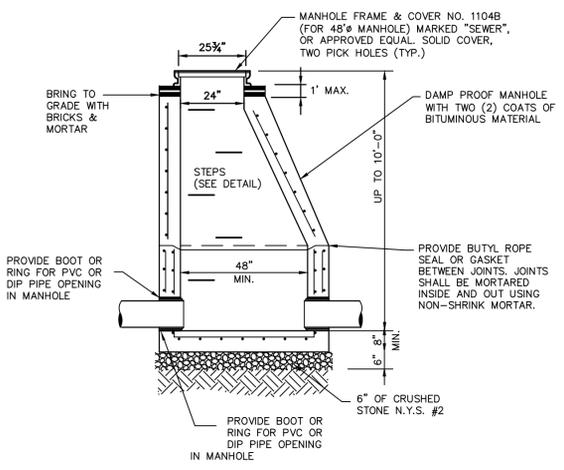


**LOW PRESSURE SEWAGE PUMP TYPICAL INSTALLATION**



**TRENCH BEDDING (PAVED AREAS)**

**TRENCH BEDDING (NON-PAVED AREAS)**



**PRECAST CONCRETE SANITARY MANHOLE**

PROJECT:	PROPOSED 2-LOT SUBDIVISION 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK	
DATE:	10/17/25	
SCALE:	AS NOTED	EXPIRES: 05/31/26 SHEET: 8 DESIGNED BY: D.C. CHECKED BY: M.S. SHEET NO. 9
CERTIFICATE OF AUTHORIZATION:	0018997	
<b>HEC</b> <b>HUDSON ENGINEERING CONSULTING, P.C.</b> 45 Knowlwood Road - Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086		<b>C-7</b>

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

**CONSTRUCTION PHASE**

DURING THE CONSTRUCTION PHASE OF THE PROJECT, A SEDIMENT AND EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S BEST MANAGEMENT PRACTICES (BMP). THE PRIMARY GOALS OF THE SEDIMENT AND EROSION CONTROL PLAN ARE TO PREVENT THE TRACKING OF DIRT AND MUD ONTO ADJACENT ROADS, TO PREVENT MUD AND SILT FROM ENTERING INTO EXISTING AND PROPOSED DRAINAGE FACILITIES, AND TO PROTECT THE RECEIVING WATERS FROM CONTAMINATION DURING THE CONSTRUCTION.

DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE OWNER. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF YORKTOWN AND THE NYSDEC AT THE TIME OF THE PRE-CONSTRUCTION MEETING.

A NEW YORK STATE PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (P.E. OR CPESC) SHALL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLAN HAVE BEEN ADEQUATELY INSTALLED AND IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR CONSTRUCTION. FOLLOWING THE COMMENCEMENT OF CONSTRUCTION, SITE INSPECTIONS SHALL BE CONDUCTED BY THE P.E. OR CPESC AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.

DURING EACH INSPECTION, THE REPRESENTATIVE SHALL RECORD THE FOLLOWING:

- ON A SITE MAP, INDICATE THE EXTENT OF ALL DISTURBED SITE AREAS AND DRAINAGE PATHWAYS. INDICATE SITE AREAS THAT ARE EXPECTED TO UNDERGO INITIAL DISTURBANCE OR SIGNIFICANT SITE WORK WITHIN THE NEXT 14-DAY PERIOD;
- INDICATE ON A SITE MAP ALL AREAS OF THE SITE THAT HAVE UNDERGONE TEMPORARY OR PERMANENT STABILIZATION;
- INDICATE ALL DISTURBED SITE AREAS THAT HAVE NOT UNDERGONE ACTIVE SITE WORK DURING THE PREVIOUS 14-DAY PERIOD;
- INSPECT ALL SEDIMENT CONTROL PRACTICES AND RECORD APPROXIMATE DEGREE OF SEDIMENT ACCUMULATION AS A PERCENTAGE OF THE SEDIMENT STORAGE VOLUME;
- INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES AND RECORD ALL MAINTENANCE REQUIREMENTS. IDENTIFY ANY EVIDENCE OF RILL OR GULLY EROSION OCCURRING ON SLOPES AND ANY LOSS OF STABILIZING VEGETATION OR SEEDING/MULCHING. DOCUMENT ANY EXCESSIVE DEPOSITION OF SEDIMENT OR FLOWING WATER ALONG THE BARRIER. RECORD THE DEPTH OF SEDIMENT WITHIN CONTAINMENT STRUCTURES AND ANY EROSION NEAR OUTLET AND OVERFLOW STRUCTURES.
- ALL IDENTIFIED DEFICIENCIES.

THE P.E. OR CPESC SHALL MAINTAIN A RECORD OF ALL INSPECTION REPORTS IN A SITE LOGBOOK. THE SITE LOGBOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE TOWN/VILLAGE OF HARRISON AND THE NYSDEC. A SUMMARY OF THE SITE INSPECTION ACTIVITIES SHALL BE POSTED ON A MONTHLY BASIS IN A PUBLICLY ACCESSIBLE LOCATION AT THE SITE.

THE PROJECTS ANTICIPATED START DATE IS APRIL 2026 AND THE ANTICIPATED COMPLETION DATE IS ESTIMATED TO OCCUR BY APRIL 2028.

**CONSTRUCTION SEQUENCING**

THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:

- INSTALL SILT FENCE IN THE LOCATIONS SHOWN ON THE PLANS. REMOVE VEGETATION AS NECESSARY FOR SILT FENCE INSTALLATION.
- INSTALL ORANGE CONSTRUCTION FENCING AROUND ALL AREAS TO BE USED FOR INFILTRATION. FENCING SHALL ONLY BE TEMPORARILY REMOVED FOR THE CONSTRUCTION OF EACH PRACTICE AND SHALL BE REINSTALLED FOR THE REMAINING DURATION OF CONSTRUCTION ACTIVITIES UNTIL COMPLETION OF CONSTRUCTION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE IN LOCATION SHOWN ON THE PLANS. CONSTRUCTION ENTRANCE TO REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION ACTIVITIES, UNTIL THE DRIVEWAY CAN BE STABILIZED WITH ASPHALT PAVEMENT.
- INSTALL TREE PROTECTION ON ALL EXISTING TREES TO REMAIN IMMEDIATELY ADJACENT TO THE LIMITS OF DISTURBANCE.
- REMOVE ALL TREES WITHIN THE LIMITS OF DISTURBANCE. PREVENT DAMAGE TO BUILDINGS, PAVEMENT, PIPES, CONDUITS, POLES AND OTHER STRUCTURES ABOVE AND BELOW GROUND THAT ARE ADJOINING OR INCLUDED IN THE CONSTRUCTION AREA. REPAIR DAMAGE RESULTING FROM THE CONTRACTOR'S NEGLIGENCE. REMOVE TREES WHERE INDICATED, AS FOLLOWS (REMOVAL OF EXISTING TREES SHALL BE LIMITED TO THE AREA OF EACH INDIVIDUAL PHASE OF CONSTRUCTION. NO TREES SHALL BE DISTURBED OUTSIDE OF THESE AREAS):
  - TOP AND LIMB ALL TREES BEFORE FALLING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  - CHIP OUT STUMPS TO A DEPTH OF NOT LESS THAN 6 INCHES BELOW FINISHED GRADE. BACKFILL STUMP HOLES WITH TOPSOIL, AND SEED.
  - REMOVE AND DISPOSE OF ALL LOGS, TREE TRIMMINGS, AND DEBRIS FROM PROPERTY. LEAVE WORK AREA IN A NEAT UNCLUTTERED CONDITION.
  - RESTORE GRADES TO INDICATED LEVELS WHERE SETTLEMENT OR DAMAGE DUE TO PERFORMANCE OF THE WORK HAS OCCURRED. CORRECT CONDITIONS CONTRIBUTING TO SETTLEMENT OR DAMAGE.
  - RESTORE PAVEMENTS, WALKS, CURBS, LAWNS, AND OTHER EXTERIOR SURFACES DAMAGED DURING PERFORMANCE OF THE WORK TO MATCH THE APPEARANCE AND PERFORMANCE OF EXISTING CORRESPONDING SURFACES AS CLOSELY AS PRACTICABLE.
- ROUGH GRADE DRIVEWAYS AND LOCATION OF FOUNDATIONS.
- PROVIDE CONSTRUCTION STAGING AREA ADJACENT TO BUILDING FOUNDATIONS. STAGING AREA TO BE DELINEATED WITH ORANGE SAFETY CONSTRUCTION FENCING.
- INSTALL ALL UTILITY EXTENSIONS FOR PROPOSED DEVELOPMENT AS FOLLOWS (ALL TRENCHING FOR UTILITY INSTALLATION SHALL BE COMPLETED SIMULTANEOUSLY, AS TO LIMIT ANY UNNECESSARY DISTURBANCE. NO MORE THAN 100 LINEAR FEET OF TRENCH SHALL BE OPEN AT ANY GIVEN TIME).
  - INSTALL SANITARY SEWER MAIN EXTENSION STARTING AT THE CONNECTION POINT TO THE EXISTING SANITARY MANHOLE LOCATED WITHIN THE COMMON DRIVEWAY EASEMENT UP TO THE PROPOSED MANHOLE LOCATED ONSITE. EXTEND INDIVIDUAL SERVICE CONNECTIONS FOR EACH LOT AND CAP AT PROPERTY LINE. PROVIDE MARKER AT LOCATION OF CAP ON EACH LOT. ALL STRUCTURES AND PIPING TO BE VACUUM TESTED AND PRESSURE TESTED PER WOODH requirements PRIOR TO BEING PUT INTO SERVICE.
  - INSTALL WATER MAIN EXTENSION STARTING AT THE CONNECTION POINT WITHIN HOMESTEAD ROAD AT THE END OF THE COMMON DRIVEWAY TO THE END OF THE LOCATION OF THE PROPOSED FIRE HYDRANT ON THE PLANS. EXTEND INDIVIDUAL SERVICE CONNECTIONS FOR EACH LOT. ALL CURB BOX VALVES SHALL BE SET IN THE "OFF" POSITION. ALL WATER LINES ARE TO BE PRESSURE TESTED AND DISINFECTED PER WOODH REQUIREMENTS PRIOR TO BEING PUT INTO SERVICE.

- ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.
- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS AND WILL BE APPLIED ON IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.
- NO DISTURBED AREA SHALL BE LEFT UN-STABILIZED FOR LONGER THAN 14 DAYS DURING THE GROWING SEASON.
- WHEN EROSION IS LIKELY TO BE A PROBLEM, GRUBBING OPERATIONS SHALL BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATIONS AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW WITHIN 24 HOURS THEREAFTER.
- AS WORK PROGRESSES, PATCH SEEDING SHALL BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER.
- DRAINAGE PIPES AND SWALES/DITCHES SHALL GENERALLY BE CONSTRUCTED IN A SEQUENCE FROM OUTLET TO INLET IN ORDER TO STABILIZE OUTLET AREAS AND DITCHES BEFORE WATER IS DIRECTED TO THE NEW INSTALLATION OR ANY PORTION THEREOF, UNLESS CONDITIONS UNIQUE TO THE LOCATION WARRANT AN ALTERNATIVE METHOD.

**SILT CONTROL & SPILL RESPONSE:**

- FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES, AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE. AS APPROPRIATE, EQUIPMENT AND MATERIALS MAY INCLUDE ITEMS SUCH AS BOOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES.
- ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- AFTER A SPILL, A REPORT WILL BE PREPARED DESCRIBING THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES TAKEN. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING, AS WELL AS CLEAN UP INSTRUCTIONS IN THE EVENT OF REOCCURRENCES.
- THE CONTRACTOR'S SITE SUPERINTENDENT, RESPONSIBLE FOR DAY-TO-DAY OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE NOTIFIED IMMEDIATELY WHEN A SPILL OR THE THREAT OF A SPILL IS OBSERVED. THE SUPERINTENDENT WILL ASSESS THE SITUATION AND DETERMINE THE APPROPRIATE RESPONSE.
- IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING EROSION AND SEDIMENT CONTROLS AND ENTERING RECEIVING WATERS, PERSONNEL WILL BE DIRECTED TO RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.
- SPILL KITS CONTAINING APPROPRIATE MATERIALS AND EQUIPMENT FOR SPILL RESPONSE AND CLEANUP WILL BE MAINTAINED BY THE CONTRACTOR AT THE SITE.
- IF OIL SHEEN IS OBSERVED ON SURFACE WATER, ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- IF A SPILL OCCURS THE SUPERINTENDENT OR THE SUPERINTENDENT'S DESIGNEE WILL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE CONTACTS LISTED BELOW.
- PERSONNEL WITH PRIMARY RESPONSIBILITY FOR SPILL RESPONSE AND CLEAN UP WILL RECEIVE TRAINING BY THE CONTRACTOR'S SITE SUPERINTENDENT OR DESIGNEE. THE TRAINING MUST INCLUDE IDENTIFYING THE LOCATION OF THE SPILL KITS AND OTHER SPILL RESPONSE EQUIPMENT AND THE USE OF SPILL RESPONSE MATERIALS.
- SPILL RESPONSE EQUIPMENT WILL BE INSPECTED AND MAINTAINED AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.

**SPILL CONTROL NOTIFICATION:**

- A REPORTABLE SPILL IS A QUANTITY OF FIVE (5) GALLONS OR MORE OF ANY SPILL OF OIL WHICH: (1) VIOLATES WATER QUALITY STANDARDS, (2) PRODUCES A SHEEN ON A SURFACE WATER, OR (3) CAUSES A SLUDGE OR EMULSION. THIS SPILL MUST BE REPORTED IMMEDIATELY TO THE AGENCIES LISTED BELOW.
- ANY SPILL OF OIL OR HAZARDOUS SUBSTANCE TO WATERS OF THE STATE MUST BE REPORTED IMMEDIATELY BY TELEPHONE TO THE FOLLOWING AGENCIES:
 

- 911 - POLICE, FIRE AND EMS	- LOCAL EMERGENCY PLANNING COMMITTEE (LEPC)
- YORKTOWN ENGINEERING DEPARTMENT 200 BRADHURST AVENUE HAWTHORNE, NY 10588 PHONE: (914) 962-5722	- WESTCHESTER COUNTY OFFICE OF EMERGENCY MANAGEMENT (914) 864-5450
- YORKTOWN HEIGHTS FIRE DEPARTMENT 1916 COMMERCE ST. YORKTOWN HEIGHTS, NY 10598 PHONE: (914) 962-2148	- WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH) SPILL REPORTING HOTLINE (914) 913-5000
- NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) SPILL REPORTING HOTLINE (800) 457-7361	- U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) EPCRA INFORMATION HOTLINE (800) 535-0202
- NATIONAL RESPONSE CENTER: (800) 424-8802	- U.S. DEPARTMENT OF LABOR AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) TARRYTOWN, NY (914) 524-7510

**STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM**

MEASURE	DATES FOR INSPECTION	TIMING, ACTIVITY, AND LOCATION
GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE-TREATMENT DEVICE AND INFILTRATION BASIN)	ALL	ALL STORMWATER FACILITIES SHALL BE INSPECTED IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION, AND THEN MONTHLY FOR THE FIRST THREE (3) MONTHS FOLLOWING THE COMPLETION OF THE PROJECT. WITHIN THE FIRST THREE (3) MONTHS, INSPECTIONS SHALL IMMEDIATELY BE PERFORMED FOLLOWING A LARGE STORM EVENT (I.E. PRODUCING 1/2" (ONE-HALF INCH) OF RAIN OR GREATER. THEREAFTER, THESE FACILITIES SHALL BE INSPECTED AS DESCRIBED AS FOLLOWS: UPON INSPECTION, FACILITIES SHALL BE IMMEDIATELY MAINTAINED AND/OR CLEANED AS MAY BE REQUIRED. ANY SITE AREAS EXHIBITING SOIL EROSION OF ANY KIND SHALL BE IMMEDIATELY RESTORED AND STABILIZED WITH VEGETATION, MULCH OR STONE, DEPENDING ON THE AREA TO BE STABILIZED. UPON EACH INSPECTION, ALL VISIBLE DEBRIS INCLUDING, BUT NOT LIMITED TO, TWIGS, LEAF AND FOREST LITTER SHALL BE REMOVED FROM THE BASIN, OVERFLOW DISCHARGE POINTS AND FRAMES AND GRATES OF DRAINAGE STRUCTURES.
SUMPS - CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES	UPON COMPLETION OF CONSTRUCTION; - ONCE A MONTH FOR THE FIRST THREE (3) MONTHS - AFTER FIRST THREE (3) MONTHS - EVERY FOUR (4) MONTHS THEREAFTER	ALL CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES WITH SUMPS HAVE BEEN DESIGNED TO TRAP SEDIMENT PRIOR TO ITS TRANSPORT TO THE INFILTRATION PRACTICE AND, ULTIMATELY, DOWNSTREAM. THESE SUMPS WILL REQUIRE PERIODIC INSPECTION AND MAINTENANCE TO ENSURE THAT ADEQUATE DEPTH IS MAINTAINED WITHIN THE SUMPS. THE OWNER, OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL TAKE MEASUREMENTS OF THE SUMP DEPTH. IF SEDIMENT HAS ACCUMULATED TO 1/2 (ONE-HALF) THE DEPTH OF THE SUMP, ALL SEDIMENT SHALL BE REMOVED FROM THE SUMP. SEDIMENTS CAN BE REMOVED WITH HAND-LABOR OR WITH A VACUUM TRUCK. THE USE OF ROAD SALT SHALL BE MINIMIZED FOR MAINTENANCE OF ROADWAY AND DRIVEWAY AREAS.
SUBSURFACE EXFILTRATION CHAMBERS	UPON COMPLETION OF CONSTRUCTION; - IMMEDIATELY AFTER CONSTRUCTION - EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) BY INDIVIDUAL HOMEOWNERS)	ALL EXFILTRATION SYSTEMS SHALL BE INSPECTED EVERY SIX (6) MONTHS (SPRING AND FALL) FOR CLOGGING OF INLET AND OUTLET PIPING. DURING DRY WEATHER CONDITIONS, INLET AND OUTLET PIPING SHALL BE MANUALLY CLEANED AND CLEARED OF DEBRIS. ALL DEBRIS ACCUMULATED WITHIN THE INFILTRATION SYSTEM SHALL BE VACUUMED OUT OR REMOVED MANUALLY. TO PREVENT SEDIMENT FROM ACCUMULATING WITHIN SYSTEM, THE PRE-TREATMENT BASIN SHALL BE CLEANED AS RECOMMENDED ABOVE. MAINTENANCE OF THE INFILTRATION SYSTEMS LOCATED ON EACH INDIVIDUAL LOT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER.

- DURING CONSTRUCTION THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE CONTRACTOR. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF WHITE PLAINS AND THE NYSDEC AT THE TIME OF THE PRE-CONSTRUCTION MEETING. THE PERMANENT MAINTENANCE PROGRAM FOR ALL NEW STORMWATER MANAGEMENT FACILITIES WILL BE MANAGED BY THE HOA UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE OF THE IMPROVEMENTS.

**SCHEDULE OF TEMPORARY EROSION CONTROL MEASURES:**

MEASURE	DATES FOR USE	TIMING, ACTIVITY, AND LOCATION
SOIL/STOCKPILE AREAS	ALL	ALL SOIL AND SHOT ROCK STRIPPED FROM THE CONSTRUCTION AREA DURING GRUBBING AND MASS GRADING SHALL BE STOCKPILED IN LOCATIONS SHOWN ON THE PLANS, BUT IN NO CASE SHALL THEY BE PLACED WITHIN 100' OF A WETLAND OR WATERCOURSE. THE STOCKPILED SOILS SHALL BE RE-USED DURING FINISH-GRADING TO PROVIDE A SUITABLE GROWING MEDIUM FOR PLANT ESTABLISHMENT. SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY COVERING THE STOCKPILE WITH RAPIDLY-GERMINATING GRASS SEED (DURING THE MAY 1ST - OCTOBER 30TH) PLANTING SEASON OR COVERING THE STOCKPILE WITH TARPAULIN THE REMAINDER OF THE YEAR. INSTALL SILT FENCE AROUND TOE OF SLOPE.
SILT FENCE	ALL	SILT FENCE (GEO-TEXTILE FILTER CLOTH) SHALL BE PLACED IN LOCATIONS DEPICED ON THE APPROVED PLANS. THE PURPOSE OF THE SILT FENCE IS TO REDUCE THE VELOCITY OF THE SEDIMENT LADEN STORMWATER FROM SMALL DRAINAGE AREAS AND TO INTERCEPT THE TRANSPORTED SEDIMENT LOAD. IN GENERAL, SILT FENCE SHALL BE USED AT THE TOE OF SLOPES OR INTERMEDIATELY WITHIN SLOPES WHERE OBVIOUS CHANNEL CONCENTRATION OF STORMWATER IS NOT PRESENT.  SILT FENCING SHALL BE INSPECTED AT A MINIMUM OF ONCE PER WEEK AND PRIOR TO AND WITHIN 24 HOURS FOLLOWING A RAIN EVENT 1/4" OR GREATER. INSPECTIONS SHALL INCLUDE ENSURING THAT THE FENCE MATERIAL IS TIGHTLY SECURED TO THE WOVEN WIRE AND THE WIRE IS SECURED TO THE WOOD POSTS. IN ADDITION, OVERLAPPING FILTER FABRIC SHALL BE SECURED AND THE FABRIC SHALL BE MAINTAINED A MINIMUM OF SIX (6) INCHES BELOW GRADE. IN THE EVENT THAT ANY BULGES DEVELOP IN THE FENCE, THAT SECTION OF FENCE SHALL BE REPLACED WITHIN 24 HOURS WITH NEW FENCE SECTION. ANY SEDIMENT BUILD-UP AGAINST THE FENCE SHALL BE REMOVED WITHIN 24 HOURS AND DEPOSITED ON-SITE A MINIMUM OF 100 FEET OUTSIDE OF ANY WETLAND OR WATERCOURSE.
INLET PROTECTION (STONE & BLOCK DROP INLET PROTECTION)	ALL	IN ORDER TO PROTECT THE RECEIVING WATERS FROM SEDIMENTATION, THE CONTRACTOR SHALL INSTALL STONE AND BLOCK INLET PROTECTION FOR ALL EXISTING AND PROPOSED INLETS AS SHOWN ON THE PLANS. ONCE INSTALLED, 1/4 INCH STONE AGGREGATE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL CATCH BASINS AND SURFACE INLETS AS ILLUSTRATED ON THE APPROVED PLANS. THIS CLEARER WILL ALLOW STORMWATER TO BE FILTERED PRIOR TO REACHING THE BASIN INLET GRATE.  THE STONE AGGREGATE SHALL BE INSPECTED WEEKLY PRIOR TO AND WITHIN 24 HOURS FOLLOWING A RAIN EVENT 1/4" OR GREATER. CARE SHALL BE TAKEN TO ENSURE THAT ALL STONE AGGREGATE IS PROPERLY LOCATED AND SECURE, AND DO NOT BECOME DISPLACED. THE STONE AGGREGATE SHALL BE INSPECTED FOR ACCUMULATED SEDIMENTS AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE DEVICE AND DEPOSITED NOT LESS THAN 100 FEET FROM WETLAND OR WATERCOURSE.
INLET PROTECTION (SILTSACK)	ALL	IN ORDER TO PROVIDE ADDITIONAL PROTECTION FOR THE RECEIVING WATERS FROM SEDIMENTATION AND BLOCK INLET PROTECTION FOR ALL EXISTING AND PROPOSED SEDIMENT CAPTURE DEVICE ON ALL EXISTING AND PROPOSED INLETS AS SHOWN ON THE PLANS. THIS DEVICE SHOULD BE INSTALLED IN ADDITION TO THE STONE & BLOCK DROP INLET PROTECTION. THIS BARRIER PROVIDES AN ADDITIONAL FILTERING OF THE STORMWATER RUNOFF PRIOR TO BEING DISCHARGED FROM THE CATCH BASIN.  WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, THE SILTSACK IS FULL AND SHOULD BE EMPTIED. TO REMOVE SILTSACK, TAKE TWO PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE THE LIFTING OF SILTSACK TO EMPTY SILTSACK. PLACE UNIT WHERE THE CONTENTS WILL BE COLLECTED. PLACE THE REBAR THROUGH THE LIFT STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL LIFT SILTSACK FROM THE BOTTOM AND EMPTY THE CONTENTS. CLEAN OUT AND RINSE. RETURN SILTSACK TO ITS ORIGINAL SHAPE AND PLACE BACK IN THE BASIN. ONCE THE CONSTRUCTION CYCLE IS COMPLETE, REMOVE SILTSACK FROM THE BASIN AND CLEAN. SILTSACK SHOULD BE STORED OUT OF SUNLIGHT UNTIL NEXT USE. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE DEVICE AND DEPOSITED NOT LESS THAN 100 FEET FROM WETLAND OR WATERCOURSE.
DUST CONTROL	ALL	DURING DRY WEATHER, FOR AREAS OF EXPOSED SOIL WHERE IT IS NOT FEASIBLE TO ESTABLISH TEMPORARY GROUND COVER DUE TO CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL WET AREAS WITH WATER AT LEAST TWICE A DAY IN ORDER TO CONTROL DUST. THE MOISTENING OF SUCH AREAS MAY BE INCREASED TO FOUR TIMES A DAY DURING PERIODS OF LITTLE RAIN AS DETERMINED BY THE ENGINEER AND/OR THE CONTRACTOR.
TEMPORARY SEEDING	ALL	IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. FOR CONSTRUCTION SITES THAT DIRECTLY DISCHARGE TO ONE OF THE 303(D) SEGMENTS LISTED IN APPENDIX E OF GP-015-002, OR IS LOCATED IN ONE OF THE WATERSHEDS LISTED IN APPENDIX C OF GP-015-002, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. WHEN ACTIVITIES TEMPORARILY CEASE DURING CONSTRUCTION, SOIL STABILIZATION MEASURES SHOULD BE STABILIZED BY SEED, MULCH OR OTHER APPROPRIATE MEASURES.
SPRING/SUMMER/EARLY FALL		SEED THE AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (APPROXIMATELY 0.7 LB./1000 SQ. FT. OR USE 1 LB./1000 SQ. FT.)
LATE FALL/WINTER		SEED THE AREA WITH CERTIFIED AROOSTOOK WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (2.5 LBS./1000 SQ. FT.)
MULCH	APRIL 1 - NOVEMBER 30	ON ALL AREAS OF EXPOSED SOIL WHICH WILL NOT BE DISTURBED AGAIN WITHIN 7 DAYS, APPLY AT A RATE OF 3.0 TO 4.0 TONS PER ACRE. EROSION CONTROL BLANKET MAY BE USED AS A SUBSTITUTE FOR WINTER MULCH.
WINTER MULCH	DECEMBER 1 - MARCH 31	ON ALL AREAS OF EXPOSED SOIL WHICH WILL NOT BE DISTURBED AGAIN WITHIN 7 DAYS, APPLY AT A RATE OF 3.0 TO 4.0 TONS PER ACRE. EROSION CONTROL BLANKET MAY BE USED AS A SUBSTITUTE FOR WINTER MULCH.
INSPECTIONS	UNTIL SITE IS PERMANENTLY STABILIZED	ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR. SEDIMENT DEPOSITS SHALL BE REMOVED BY THE CONTRACTOR WHEN THEY REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE SILT FENCE. SEDIMENTS SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION.

**SCHEDULE OF PERMANENT EROSION CONTROL MEASURES:**

MEASURE	DATES FOR USE	TIMING, ACTIVITY, AND LOCATION
RIP RAP PROTECTION	ALL	INSTALL RIP RAP IMMEDIATELY FOLLOWING CULVERT INSTALLATION OR FINAL CHANNEL GRADING AT LOCATIONS SHOWN ON PLANS.
PAVEMENT - BASE COURSE/FINAL COURSE	WHEN OUTSIDE AMBIENT TEMP. IS ABOVE 40F	INSTALL ONLY IN AREAS SHOWN ON THE PLAN, SHORTLY AFTER PAVEMENT BASE IS BROUGHT TO FINAL GRADE. INSTALL NEAR COMPLETION OF PROJECT.
PERMANENT SEEDING	APRIL 15 TO SEPT. 15	ON FINAL GRADE AREAS, WITHIN 10 DAYS OF FINAL GRADE PREPARATION, PREPARE TOPSOIL, FOLLOWED WITH SEEDING AND MULCH APPLICATION. PERMANENT VEGETATION MUST BE SEEDS OR SODDED ON ALL EXPOSED AREAS. MULCH MUST BE USED AS NECESSARY FOR PROTECTION, UNTIL SEEDING IS ESTABLISHED.  SEED THE AREA WITH CREEPING RED FESCUE (ENSYLVA, PENNLAWN, BOREAL) AT A RATE OF 10 LBS. PER ACRE (0.25 LB./1000 SQ. FT.), AND PERENNIAL RYEGRASS (PENNFINE, LNN) AT A RATE OF 10 LBS. PER ACRE (0.25 LB./1000 SQ. FT.)
DORMANT SEEDING	SEPT. 16 TO APRIL 15	ON FINAL GRADE AREAS, WITH PREPARED TOPSOIL, APPLY SEED AT DOUBLE THE SPECIFIED RATE, ON BARE SOIL, AND FOLLOW WITH AN APPLICATION OF WINTER MULCH.  SEED THE AREA WITH CREEPING RED FESCUE (ENSYLVA, PENNLAWN, BOREAL) AT A RATE OF 10 LBS. PER ACRE (0.25 LB./1000 SQ. FT.), AND PERENNIAL RYEGRASS (PENNFINE, LNN) AT A RATE OF 10 LBS. PER ACRE (0.25 LB./1000 SQ. FT.)
GROUND COVER, TREES, SHRUBS	APRIL 15 TO NOV. 1	INSTALL WITH FINAL LANDSCAPING.
PERMANENT MULCH	ALL	INSTALL WITH FINAL LANDSCAPING.

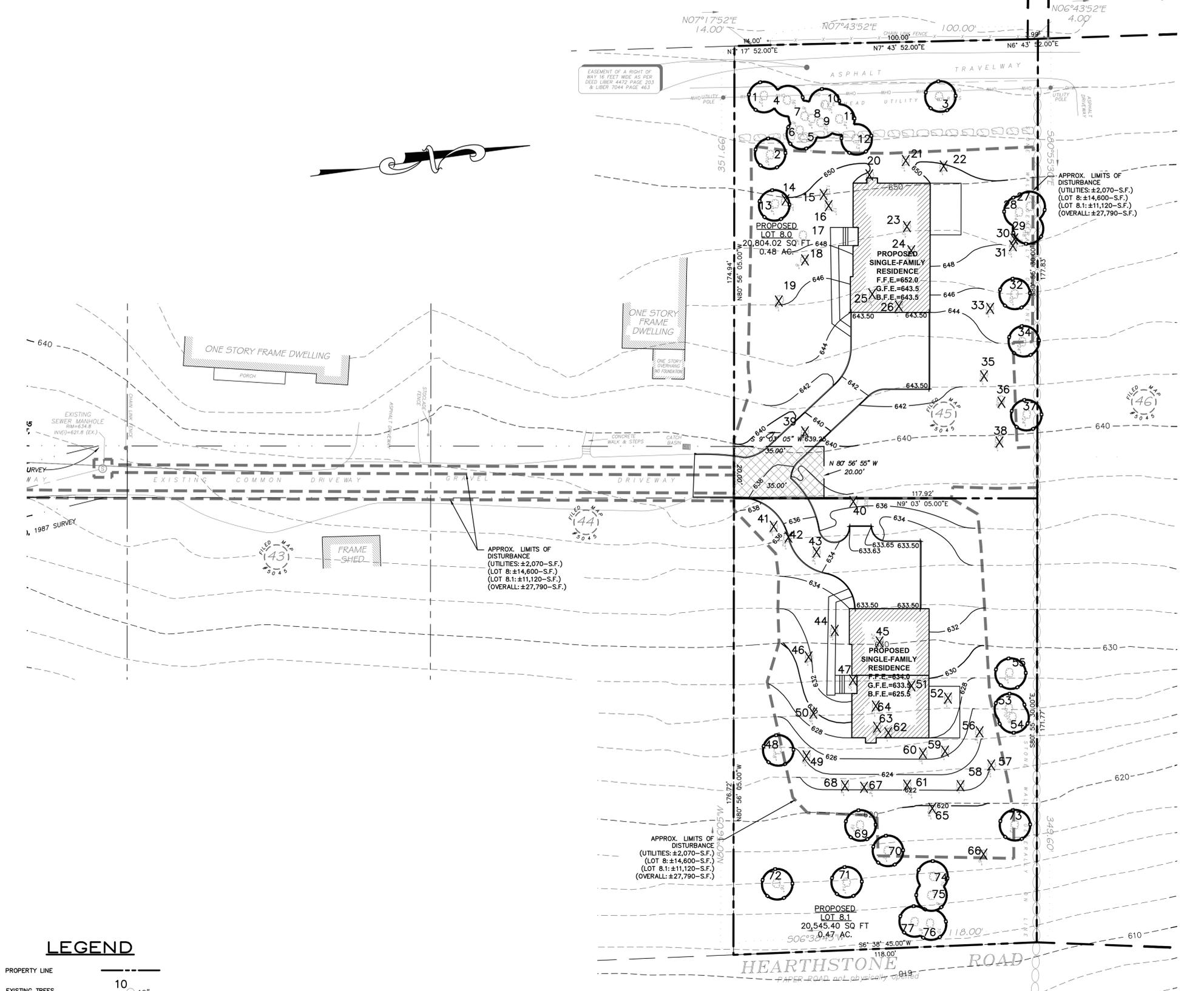
**CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION:**

- GENERAL:
- ADEQUATE MEASURES SHALL BE TAKEN TO MINIMIZE CONTAMINANT PARTICLES ARISING FROM THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GRADING OPERATIONS, AND THE RECLAMATION AND PLACEMENT OF PAVEMENT, DURING PROJECT CONSTRUCTION, INCLUDING BUT NOT LIMITED TO:
- BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE CLEANED UP DAILY AND DEPOSITED INTO DUMPSTERS, WHICH WILL BE PERIODICALLY REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED OF. ALL DUMPSTERS AND CONTAINERS LEFT ON-SITE SHALL BE COVERED AND SURROUNDED WITH SILT FENCE IN ORDER TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS.
  - DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.
  - THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE.
  - PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED.
  - ALL VEHICLES ON SITE WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
  - ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM SYSTEM WILL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.
  - MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE TRAILER ON-SITE. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS.
  - ALL PAINT CONTAINERS AND CURING COMPOUNDS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SYSTEM, BUT WILL BE PROPERLY DISPOSED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
  - SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF TWO TIMES A WEEK TO AVOID OVERFLOWING. ALL SANITARY WASTE UNITS SHALL BE SURROUNDED BY SILT FENCE TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

Date Revisions Date No.	THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997	PROJECT: PROPOSED 2-LOT SUBDIVISION 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK	
		NOTES  45 Knollwood Road - Suite 201 Elmstedt, New York 10523 T: 914-409-0420 F: 914-560-2086	
EXPIRES: 05/31/26 Date: 10/17/25 Sheet: 9 Scale: AS NOTED Designed By: D.C. Checked By: M.S. Sheet No.		C-8	

TREE INVENTORY								
Tree ID	Common Name	Scientific Name	DBH	Specimen Tree? Y/N	Invasive Species? Y/N	Dead/Diseased? Y/N	Tree to be Removed? Y/N	# Protected Tree Count 0/1
1	Norway Maple	Acer platanoides	12	N	Y	N	N	0
2	Norway Maple	Acer platanoides	16	N	Y	N	N	0
3	White Ash	Fraxinus americana	10	N	N	N	N	0
4	Norway Maple	Acer platanoides	16	N	Y	Y	N	0
5	Norway Maple	Acer platanoides	14	N	N	N	N	0
6	Norway Maple	Acer platanoides	8	N	Y	N	N	0
7	Norway Maple	Acer platanoides	8	N	Y	Y	N	0
8	Norway Maple	Acer platanoides	9	N	Y	Y	N	0
9	Norway Maple	Acer platanoides	12	N	Y	Y	N	0
10	Norway Maple	Acer platanoides	16	N	Y	N	N	0
11	White Ash	Fraxinus americana	14	N	N	Y	N	0
12	White Ash	Fraxinus americana	13	N	N	Y	N	0
13	Norway Maple	Acer platanoides	14	N	Y	Y	N	0
14	White Ash	Fraxinus americana	17	N	N	N	Y	1
15	Norway Maple	Acer platanoides	13	N	Y	N	Y	1
16	Norway Maple	Acer platanoides	12	N	Y	N	Y	1
17	White Ash	Fraxinus americana	8	N	N	Y	Y	1
18	White Ash	Fraxinus americana	8	N	N	N	Y	1
19	Red Maple	Acer rubrum	26	Y	N	Y	Y	1
20	Norway Maple	Acer platanoides	10	N	Y	N	Y	1
21	White Ash	Fraxinus americana	11	N	N	Y	Y	1
22	Norway Maple	Acer platanoides	8	N	Y	N	Y	1
23	Norway Maple	Acer platanoides	10	N	Y	N	Y	1
24	Red Maple	Acer rubrum	28	Y	N	Y	Y	1
25	Silver Maple	Acer saccharinum	18	N	N	Y	Y	1
26	Silver Maple	Acer saccharinum	14	N	N	N	Y	1
27	Black Cherry	Prunus serotina	12	N	N	N	N	0
28	White Ash	Fraxinus americana	14	N	N	N	N	0
29	Pig Nut Hickory	Carya glabra	18	N	N	N	N	0
30	Norway Maple	Acer platanoides	13	N	Y	N	Y	1
31	Norway Maple	Acer platanoides	10	N	Y	Y	Y	1
32	Black Oak	Quercus velutina	20	N	N	N	N	0
33	Norway Maple	Acer platanoides	8	N	Y	N	Y	1
34	Norway Maple	Acer platanoides	24	Y	Y	Y	N	0
35	Silver Maple	Acer saccharinum	12	N	N	N	Y	1
36	Sweet Cherry	Prunus avium	8	N	N	N	Y	1
37	Sweet Cherry	Prunus avium	24	Y	N	Y	N	0
38	Sweet Cherry	Prunus avium	12	N	N	N	Y	1
39	Silver Maple	Acer saccharinum	25	N	N	Y	Y	1
40	Norway Maple	Acer platanoides	20	N	Y	N	Y	1
41	Mulberry	Morus alba	8	N	Y	Y	Y	1
42	Tulip	Liriodendron	32	Y	N	N	Y	1
43	Norway Maple	Acer platanoides	24	N	N	N	Y	1
44	American Beech	Fagus grandifolia	8	N	N	Y	Y	1
45	Red Maple	Acer rubrum	24	N	N	N	Y	1
46	Sugar Maple	Acer saccharum	8	N	N	N	Y	1
47	Red Maple	Acer rubrum	10	N	N	N	Y	1
48	Silver Maple	Acer saccharinum	18	N	N	N	N	0
49	Red Maple	Acer rubrum	16	N	N	Y	N	0
50	Silver Maple	Acer saccharinum	19	N	N	Y	Y	1
51	Red Maple	Acer rubrum	23	N	N	N	Y	1
52	Norway Maple	Acer platanoides	8	N	Y	N	Y	1
53	Norway Maple	Acer platanoides	10	N	Y	N	N	0
54	White Ash	Fraxinus americana	8	N	N	Y	N	0
55	Black Cherry	Prunus serotina	12	N	N	N	N	0
56	Red Maple	Acer rubrum	14	N	N	N	Y	1
57	Red Maple	Acer rubrum	20	N	N	N	Y	1
58	Sugar Maple	Acer saccharum	9	N	N	N	Y	1
59	Red Maple	Acer rubrum	8	N	N	Y	Y	1
60	Red Maple	Acer rubrum	13	N	N	Y	Y	1
61	Red Maple	Acer rubrum	12	N	N	N	Y	1
62	Red Maple	Acer rubrum	8	N	N	N	Y	1
63	Red Maple	Acer rubrum	12	N	N	Y	Y	1
64	Red Maple	Acer rubrum	12	N	N	Y	Y	1
65	Red Maple	Acer rubrum	24	N	N	N	Y	1
66	Black Cherry	Prunus serotina	16	N	N	N	Y	1
67	Red Maple	Acer rubrum	24	N	N	N	Y	1
68	Red Maple	Acer rubrum	14	N	N	N	Y	1
69	Red Maple	Acer rubrum	19	N	N	N	N	0
70	Red Maple	Acer rubrum	12	N	N	N	N	0
71	Red Maple	Acer rubrum	14	N	N	Y	N	0
72	Red Maple	Acer rubrum	16	N	N	N	N	0
73	White Ash	Fraxinus americana	12	N	N	Y	N	0
74	Red Maple	Acer rubrum	10	N	N	N	N	0
75	Red Maple	Acer rubrum	8	N	N	N	N	0
76	Red Maple	Acer rubrum	8	N	N	Y	N	0
77	American Beech	Fagus grandifolia	10	N	N	Y	N	0
<b>Total # of Trees Surveyed:</b>			77	<b>Total Protected Trees to be Removed:</b>			44	



**LEGEND**

- PROPERTY LINE
  - EXISTING TREES TO REMAIN: 10 (circle with 10)
  - EXISTING TREES TO BE REMOVED: 11 (circle with 11 and an X)
  - EXISTING TREES TO BE PROTECTED: 12 (circle with 12 and a circle around it)
- NOTE:  
ALL TREES OUTSIDE OF LIMIT OF DISTURBANCE TO BE SAVED
- LOT 8.0  
39 TOTAL TREES  
19 TREES TO BE REMOVED  
20 TREES TO REMAIN
- LOT 8.1  
38 TOTAL TREES  
25 TREES TO BE REMOVED  
13 TREES TO REMAIN

EXISTING INFORMATION SHOWN HEREON TAKEN FROM A SURVEY PREPARED BY LINK LAND SURVEYORS, P.C. DATED JULY 11, 2017

GRAPHIC SCALE  
20 0 10 20 40 80  
( IN FEET )  
1 inch = 20 ft.

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PROJECT: PROPOSED 2-LOT SUBDIVISION 3138 HEARTHSTONE ROAD TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK

DATE: 10/17/25 SHEET: 1 OF 1  
SCALE: 1" = 20'  
DESIGNED BY: D.C.  
CHECKED BY: M.S.  
SHEET NO. 1

HEC HUDSON ENGINEERING CONSULTING, P.C.  
45 Knowlwood Road - Suite 201  
Elmsford, New York 10523  
F: 914-909-0420  
F: 914-560-2086

STATE OF NEW YORK  
MICHAEL F. STOKES  
LICENSED PROFESSIONAL ENGINEER  
No. 60837

EXPIRES: 05/31/26

T-1