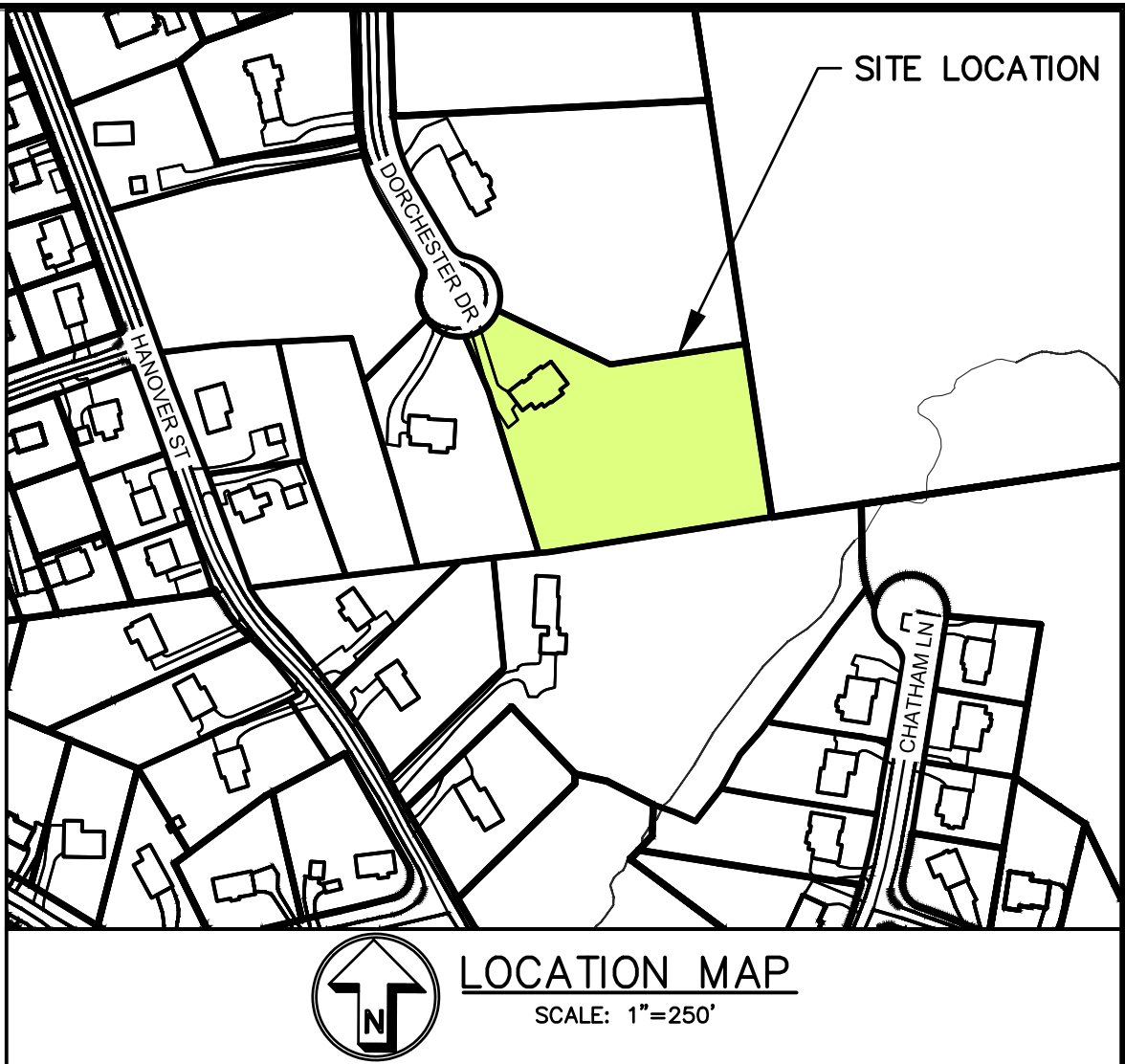


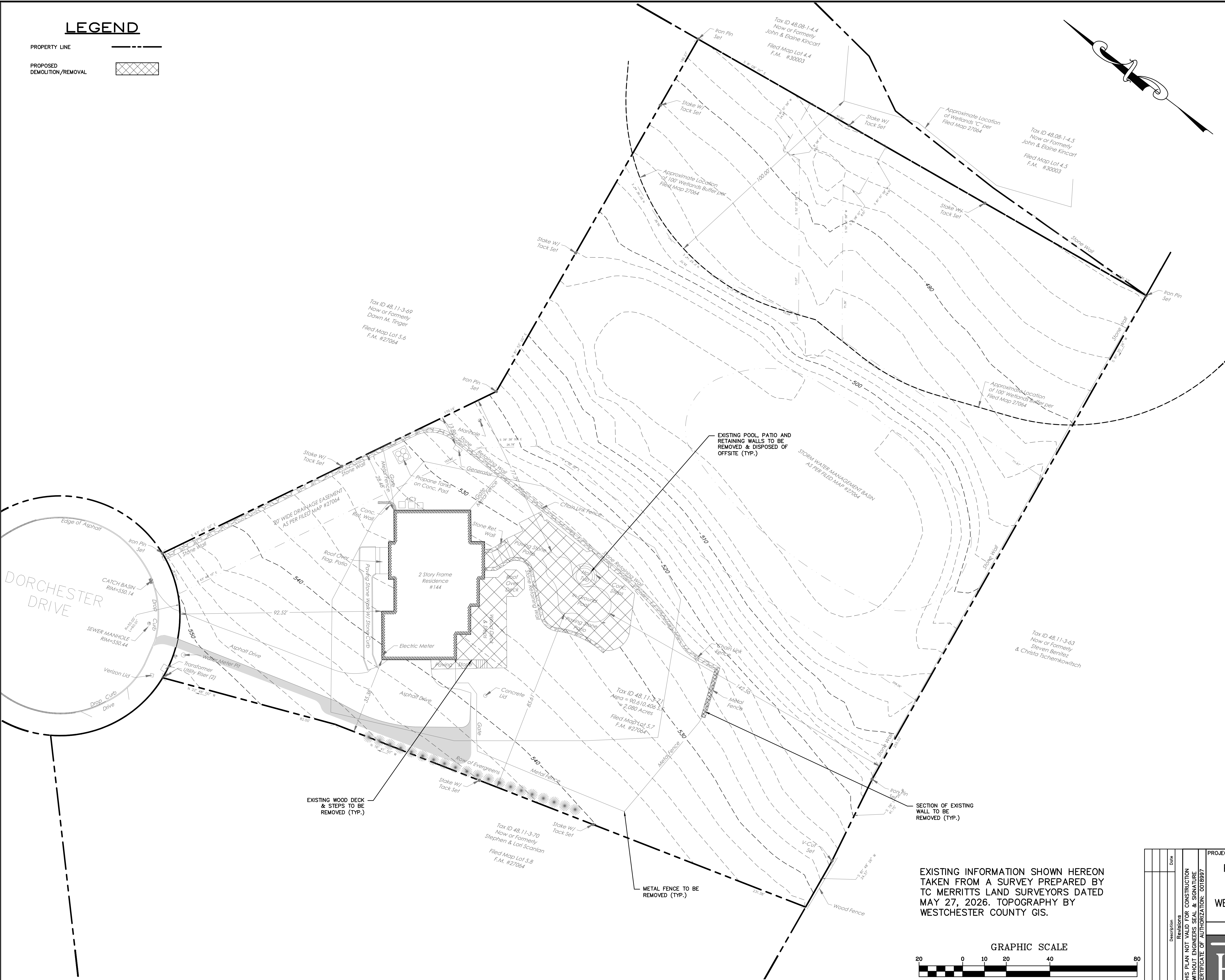
LEGEND

PROPERTY LINE
PROPOSED
DEMOLITION/REMOVAL

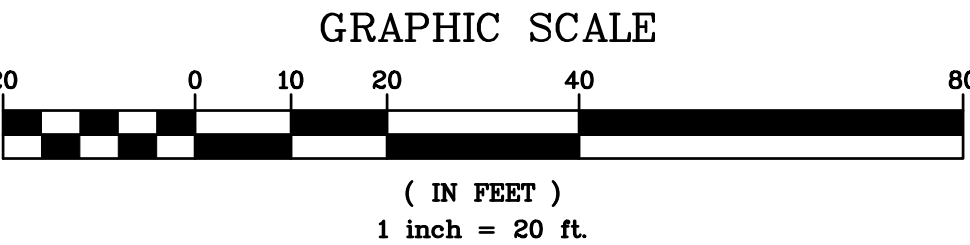


GENERAL NOTES:

1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
2. NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
3. 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.
4. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
5. ALL 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.
6. 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.
7. 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.
8. SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT DURING THE PERIOD OF CONSTRUCTION.
9. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES.
10. FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE STRUCTURE.
11. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
12. 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.
13. 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. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CG2010 1185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
14. 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.



EXISTING INFORMATION SHOWN HEREON
TAKEN FROM A SURVEY PREPARED BY
TC MERRITTS LAND SURVEYORS DATED
MAY 27, 2026. TOPOGRAPHY BY
WESTCHESTER COUNTY GIS.

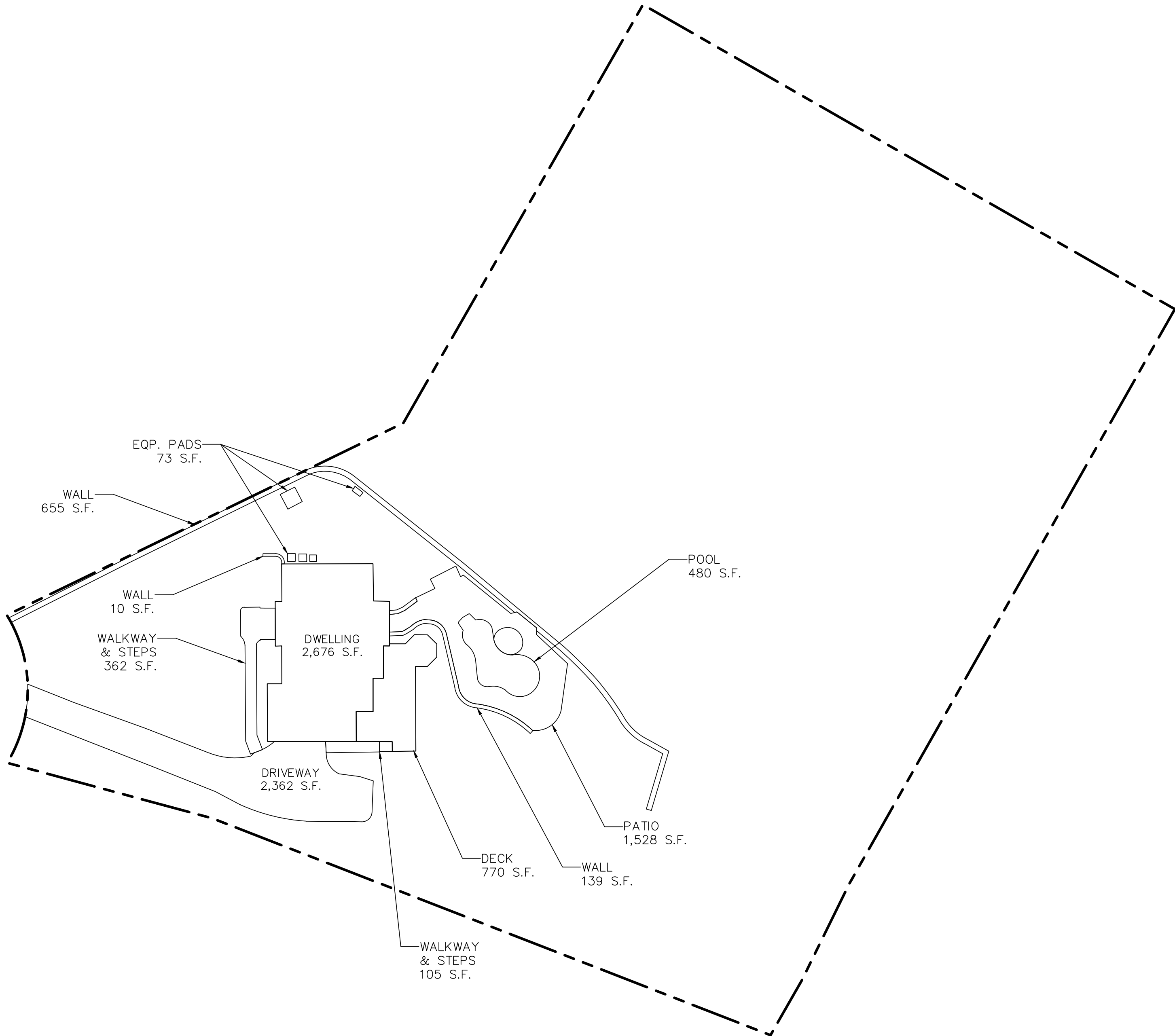


No.	Revisions	Date	PROJECT:
			PROPOSED POOL & ALTERATIONS 144 DORCHESTER AVENUE TOWN OF YORKTOWN WESTCHESTER COUNTY – NEW YORK
			EXISTING CONDITIONS PLAN
			HUDSON ENGINEERING CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2026
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997			EXPIRES: 05/31/29 Date: 09/16/26 Sheet: 1 Scale: 1" = 20' Designed By: N.S. Checked By: M.S. Sheet No. 5

C-1

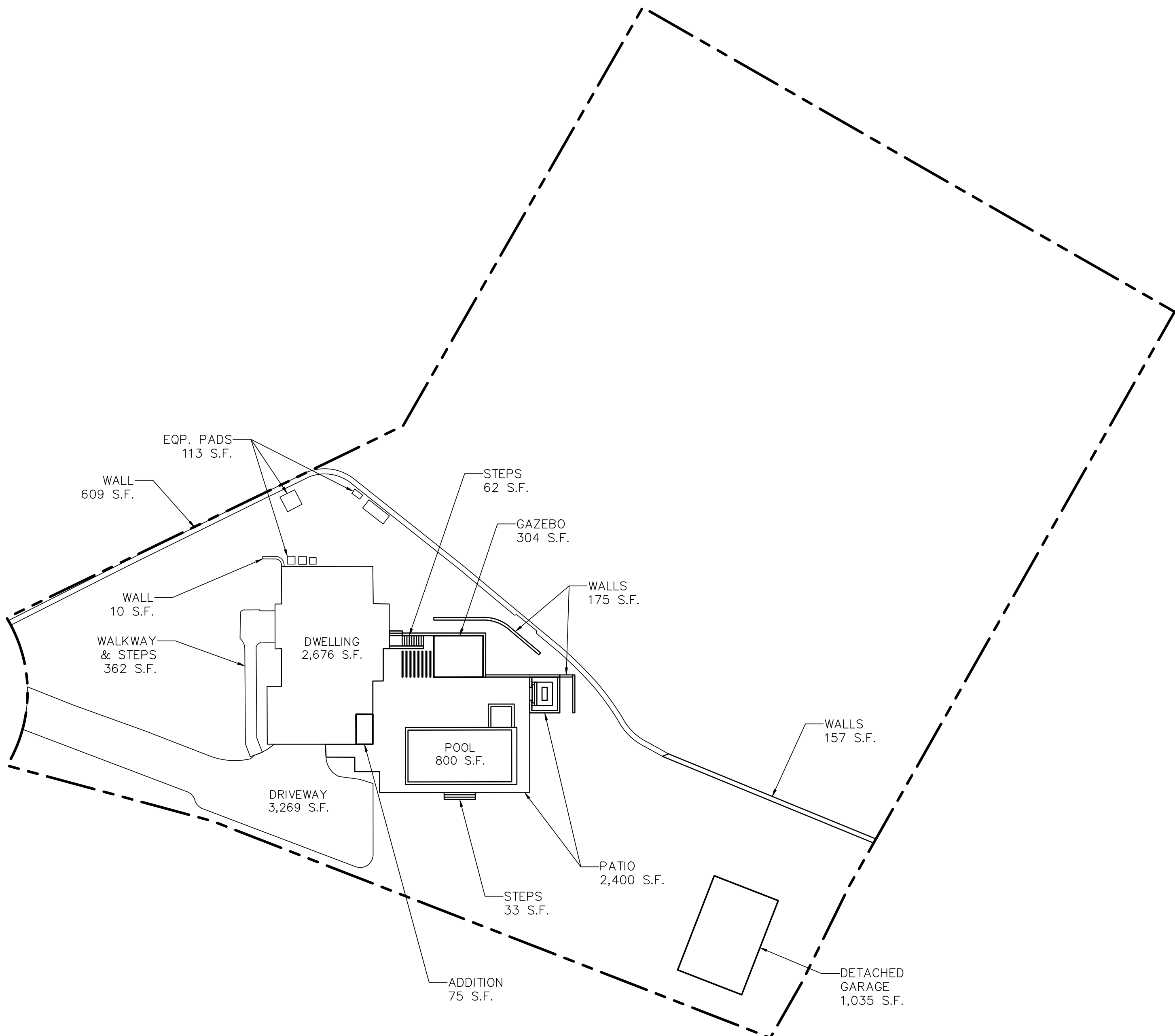
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

BUILDING		IMPERVIOUS	
DWELLING	= 2,676	ASPHALT DRIVEWAY	= 2,362
		PATIO	= 1,528
		DECK	= 770
		POOL	= 480
		WALKWAY & STEPS	= 467
		WALLS	= 804
		EQP. PADS	= 73
TOTAL= 2,676		TOTAL = 6,484	
		TOTAL = 9,160 S.F.	



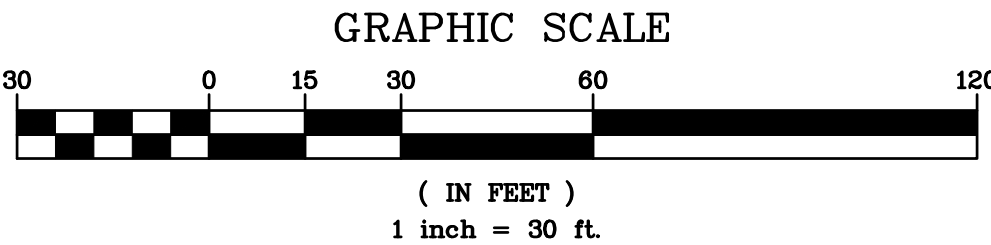
EXISTING LOT COVERAGE
SCALE: 1"=30'

BUILDING		IMPERVIOUS	
DWELLING	= 2,676	ASPHALT DRIVEWAY	= 3,269
GAZEBO	= 304	PATIO	= 2,400
ADDITION	= 75	POOL	= 800
GARAGE	= 1,035	WALKWAY & STEPS	= 423
		WALLS	= 941
		EQP. PADS	= 113
TOTAL= 4,720		TOTAL = 7,946	
		TOTAL = 12,666 S.F.	

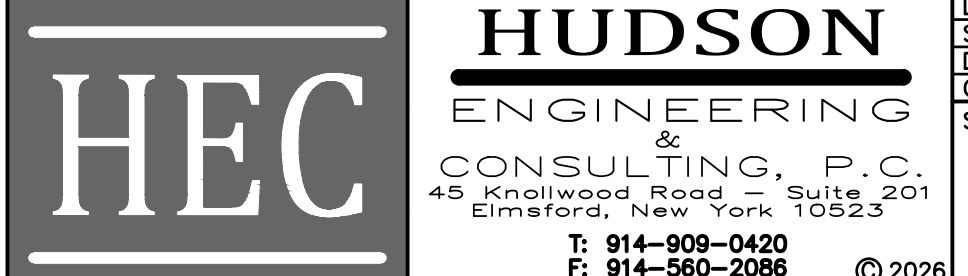


PROPOSED LOT COVERAGE
SCALE: 1"=30'

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TC MERRITTS LAND SURVEYORS DATED
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No.	Revisions	Date	PROJECT:				
			PROPOSED POOL & ALTERATIONS 144 DORCHESTER AVENUE TOWN OF YORKTOWN WESTCHESTER COUNTY – NEW YORK				
			LOT COVERAGE				
							
THIS PLAN NOT VALID FOR CONSTRUCTION & WITHOUT ENGINEERS SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997			Date: 09/16/26 Sheet: 2 Scale: 1" = 30' Designed By: N.S. Checked By: M.S. Sheet No. 5		EXPIRES: 05/31/29 C-2		
			T: 914-909-0420 F: 914-560-2086 © 2026				

LEGEND

PROPERTY LINE	---
PROPOSED WALKWAY/PATIO	[Pattern]
PROPOSED STONE MASONRY WALL	[Pattern]
PROPOSED CONTOUR	530
PROPOSED SPOT GRADE	+537.09
PROPOSED STORM PIPE	[Pattern]
PROPOSED DRAIN INLET	[Symbol]
PROPOSED TRENCH DRAIN	[Pattern]
TEMPORARY INLET PROTECTION	[Symbol]
TEMPORARY SILT FENCE	X X X [Symbol]
TEMPORARY CONSTRUCTION FENCE	[Symbol]
TEMPORARY SOIL STOCKPILE AREA	[Symbol]
TEST PIT LOCATION	TP-1 [Symbol]
PROPOSED LIMIT OF DISTURBANCE	---

NYS BUILDING CODE POOL NOTES:

ALL PLANS ARE COMPLIANT WITH THE 2025 NYS RESIDENTIAL CODE, SECTION R328 – SWIMMING POOLS, SPAS AND HOT TUBS

SWIMMING POOLS, HOT TUBS AND SPAS SHALL COMPLY WITH OTHER STANDARDS AS SPECIFIED IN SECTION R328.2.1 THROUGH R328.3.4

IN-GROUND POOLS SHALL BE DESIGNED AND CONSTRUCTED IN CONFORMANCE WITH ANSI/APSP/ICC 5

AN OUTDOOR SWIMMING POOL SHALL BE SURROUNDED BY A TEMPORARY BARRIER DURING INSTALLATION OR CONSTRUCTION THAT SHALL REMAIN IN PLACE UNTIL A PERMANENT BARRIER IN COMPLIANCE WITH SECTION R328.4.2 IS PROVIDED. PER 2025 NYS RESIDENTIAL CODE SECTION 328.4.1

GATES SHALL COMPLY WITH THE REQUIREMENTS OF SECTION R328.4.2.7 THROUGH R328.4.2.7.3

POOL SHALL BE EQUIPPED WITH AN APPROVED POOL ALARM PER SECTION 328.6 OF THE 2025 NYS RESIDENTIAL CODE.

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)

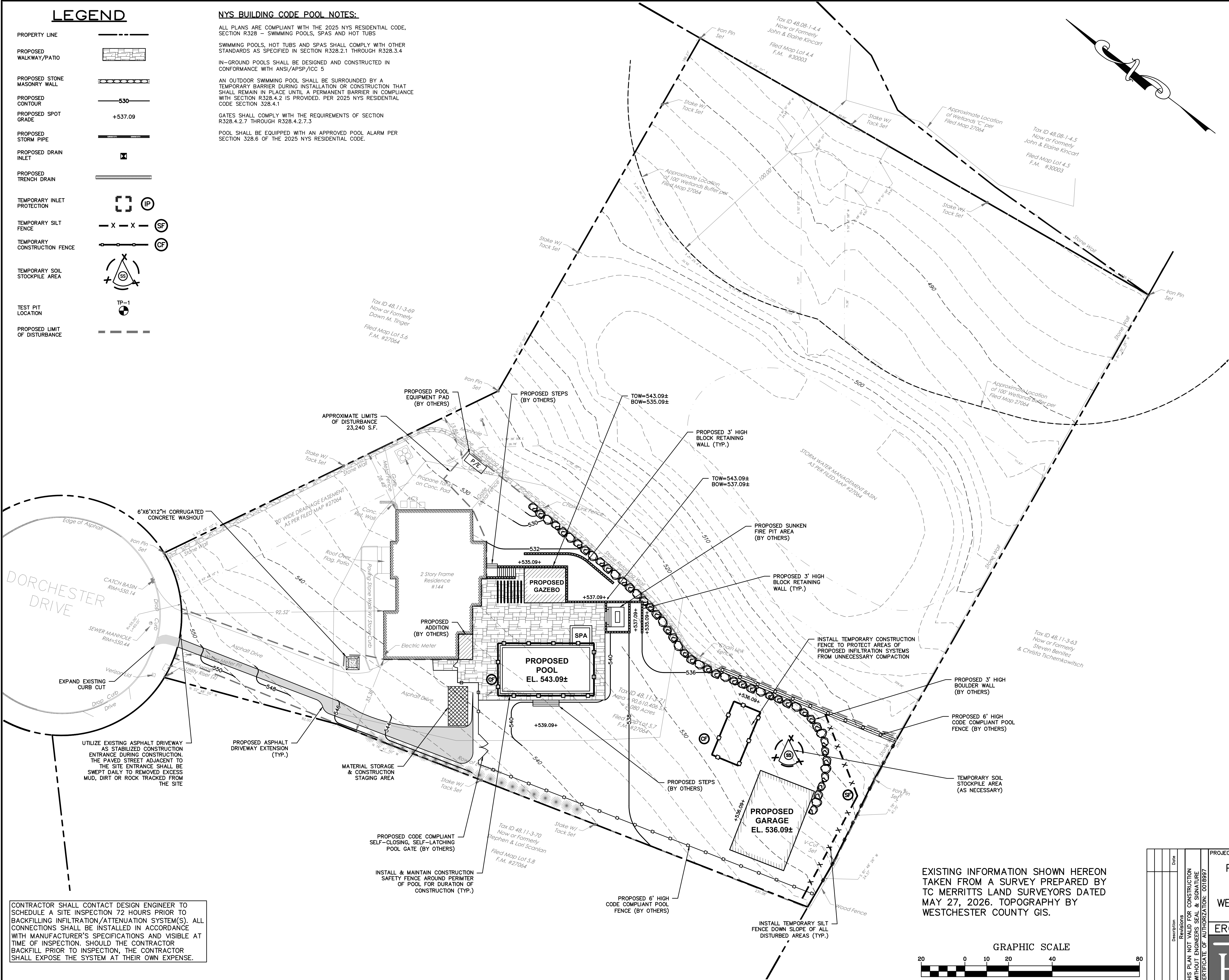
AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT.
INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

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 LEVEL.
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.

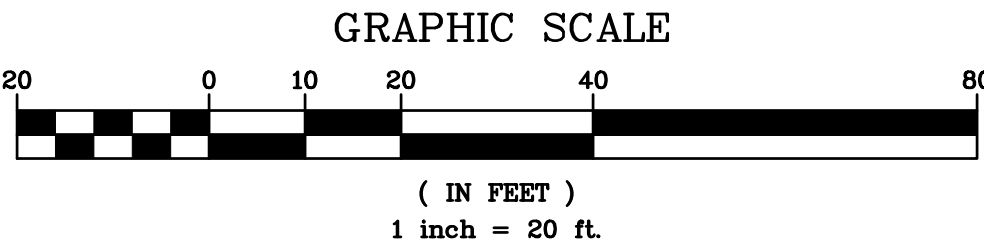
INSPECTION BY MUNICIPALITY – FINAL INSPECTION
ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.



CONTRACTOR SHALL CONTACT DESIGN ENGINEER TO SCHEDULE A SITE INSPECTION 72 HOURS 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.

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TC MERRITTS LAND SURVEYORS DATED
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No.	Revisions	Date	PROJECT:
			PROPOSED POOL & ALTERATIONS 144 DORCHESTER AVENUE TOWN OF YORKTOWN WESTCHESTER COUNTY – NEW YORK
			EROSION & SEDIMENT CONTROL PLAN
			HUDSON ENGINEERING CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2026
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997			EXPIRES: 05/31/29 Date: 09/16/26 Sheet: 3 Scale: 1" = 20' Designed By: N.S. Checked By: M.S. Sheet No.
			 C-3

LEGEND

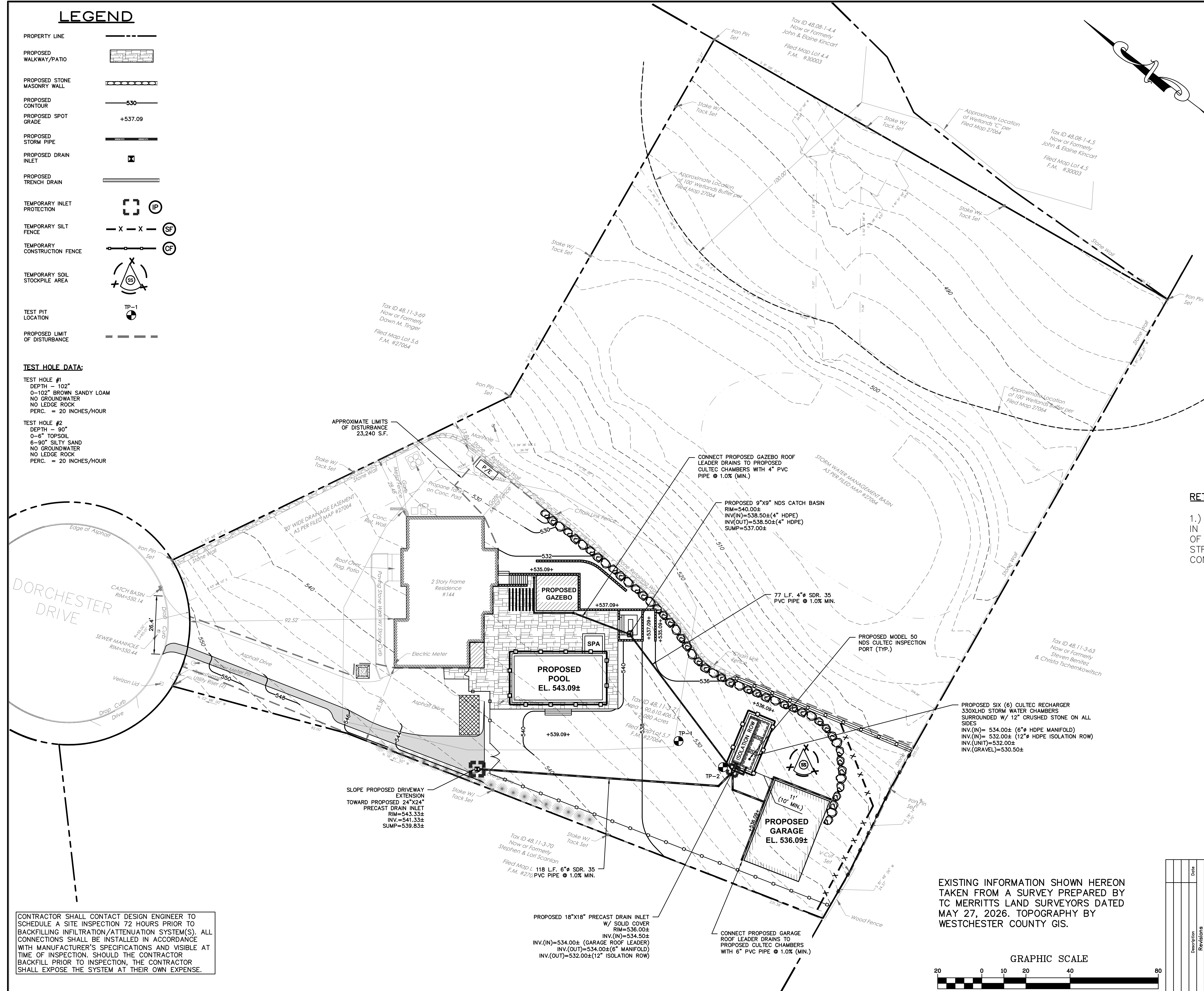
PROPERTY LINE	---
PROPOSED WALKWAY/PATIO	[Pattern]
PROPOSED STONE MASONRY WALL	[Pattern]
PROPOSED CONTOUR	530
PROPOSED SPOT GRADE	+537.09
PROPOSED STORM PIPE	[Pattern]
PROPOSED DRAIN INLET	[Symbol]
PROPOSED TRENCH DRAIN	[Pattern]
TEMPORARY INLET PROTECTION	[Symbol]
TEMPORARY SILT FENCE	[Symbol]
TEMPORARY CONSTRUCTION FENCE	[Symbol]
TEMPORARY SOIL STOCKPILE AREA	[Symbol]
TEST PIT LOCATION	[Symbol]
PROPOSED LIMIT OF DISTURBANCE	---

TEST HOLE DATA:

TEST HOLE #1
DEPTH - 102"
0-102" BROWN SANDY LOAM
NO GROUNDWATER
NO LEDGE ROCK
PERC. = 20 INCHES/HOUR

TEST HOLE #2
DEPTH - 90"
0-6" TOPSOIL
6-90" SILTY SAND
NO GROUNDWATER
NO LEDGE ROCK
PERC. = 20 INCHES/HOUR

APPROXIMATE LIMITS
OF DISTURBANCE
23,240 S.F.



CONTRACTOR SHALL CONTACT DESIGN ENGINEER TO SCHEDULE A SITE INSPECTION 72 HOURS 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.

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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 -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/DRY WELL	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 EXCESS SEDIMENT ACCUMULATION AND CLOGGING OF INLET AND OUTLET PIPING. DURING DRY WEATHER CONDITIONS, WHEN SEDIMENT HAS ACCUMULATED TO AN AVERAGE DEPTH EXCEEDING 3" (THREE INCHES), THE GALLERY SHALL BE WATER JETTED CLEAN, AND ALL ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT OR REMOVED MANUALLY. A STADIA ROD MAY BE INSERTED TO DETERMINE THE DEPTH OF THE SEDIMENT. MAINTENANCE OF THE INFILTRATION SYSTEMS LOCATED ON EACH INDIVIDUAL LOT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER.

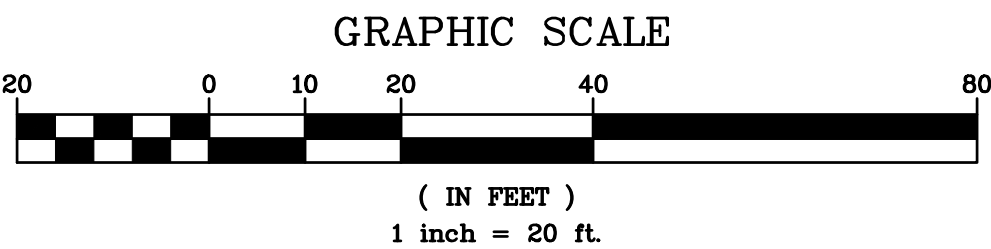
INFILTRATION SYSTEM CONSTRUCTION REQUIREMENTS:

- 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 (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.

RETAINING WALLS NOTE:

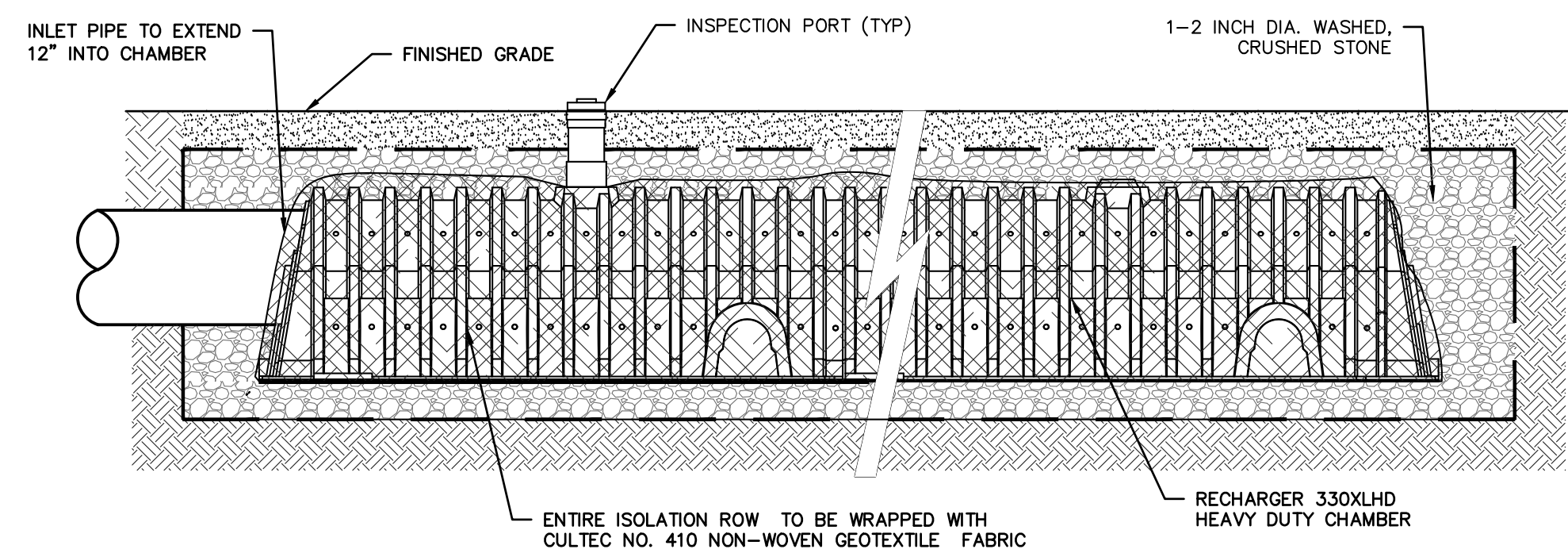
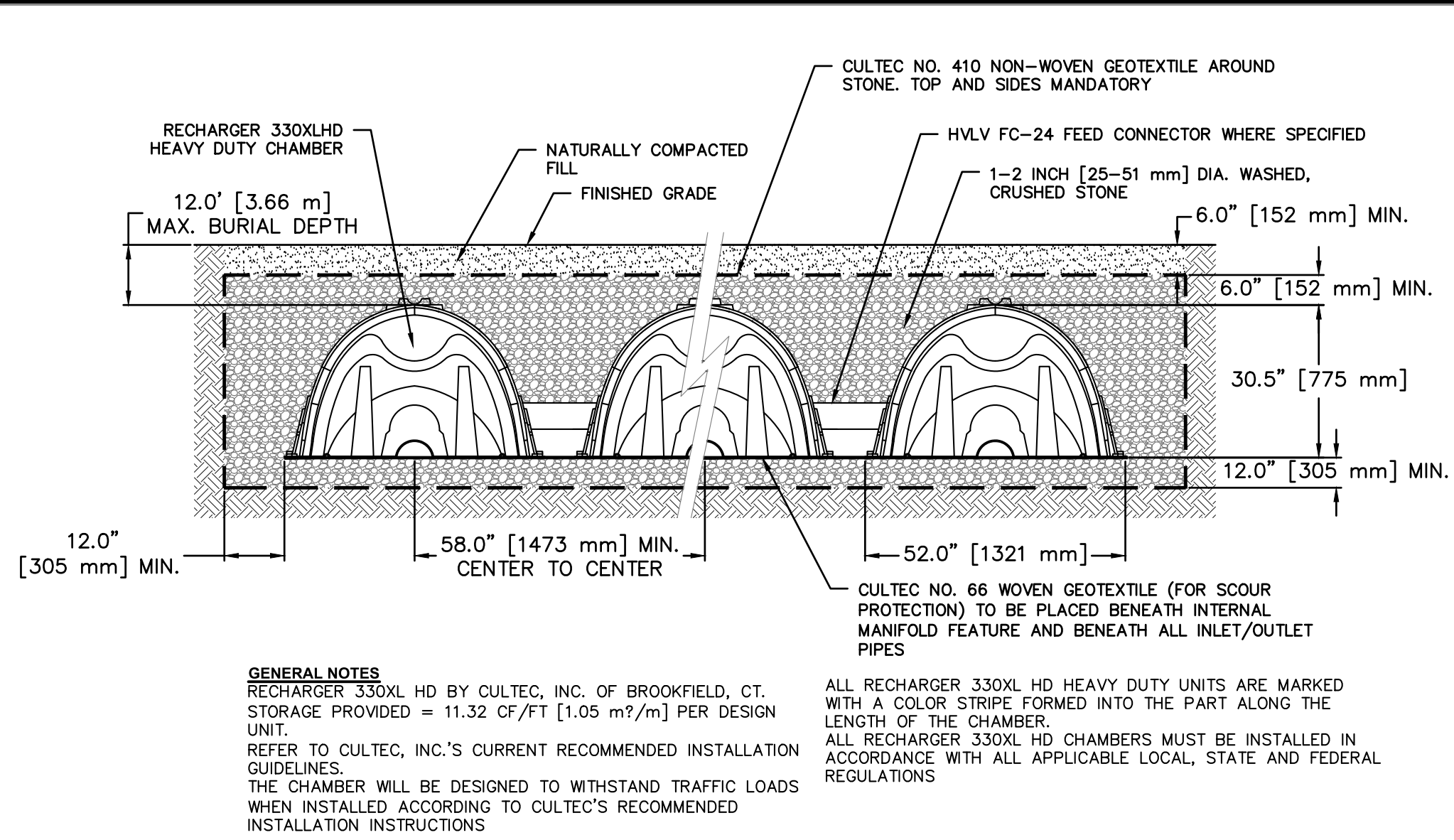
1.) CONSTRUCTION OF WALLS GREATER THAN THREE (3) FEET IN HEIGHT SHALL BE CONSTRUCTED UNDER THE SUPERVISION OF A STRUCTURAL ENGINEER AND UPON COMPLETION, THE STRUCTURAL ENGINEER SHALL CERTIFY THAT THE WALL CONSTRUCTION IS IN COMPLIANCE WITH THE APPROVED PLANS.

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TAKEN FROM A SURVEY PREPARED BY
TC MERRITTS LAND SURVEYORS DATED
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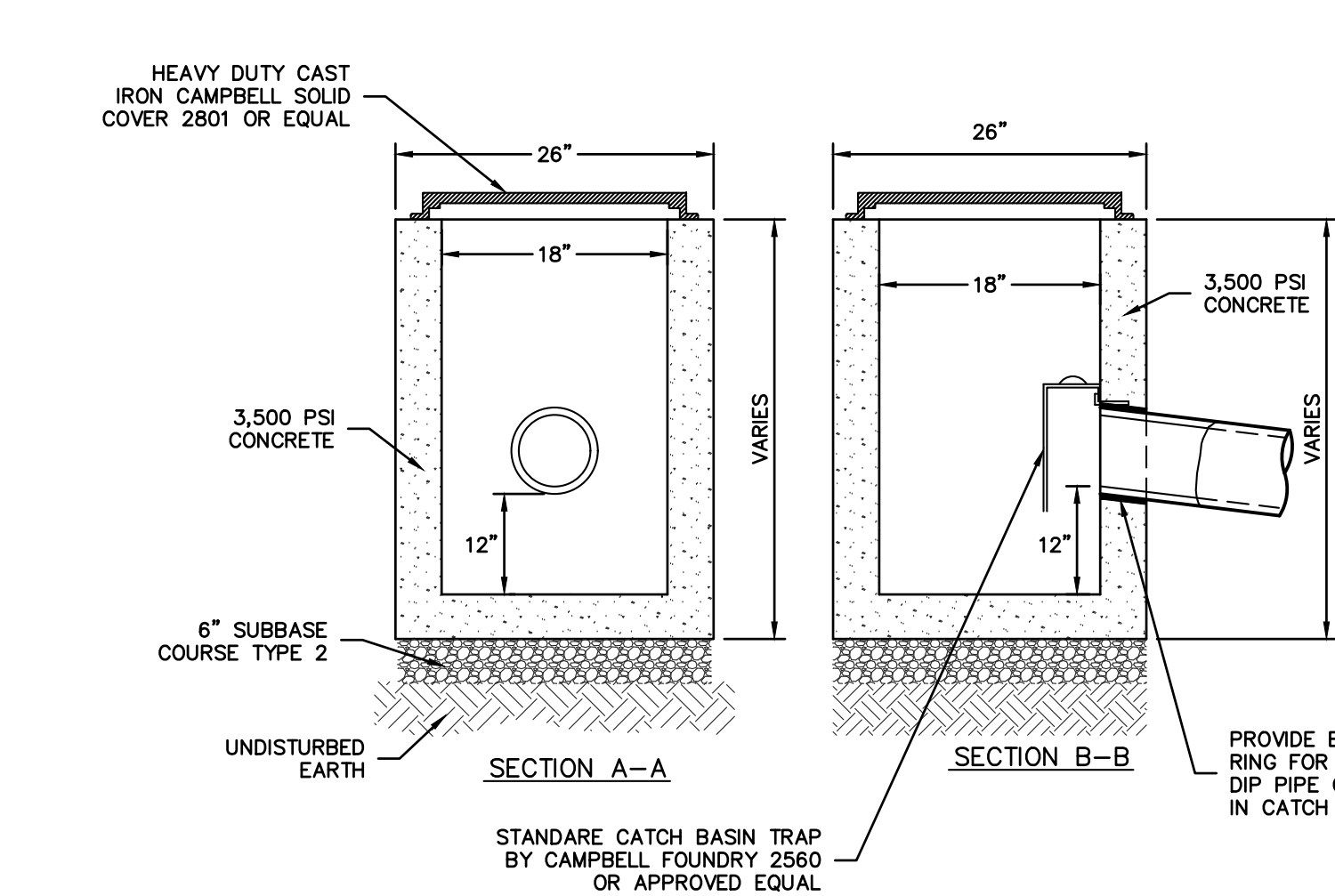


No.	Revisions	Date
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997		
PROJECT: PROPOSED POOL & ALTERATIONS 144 DORCHESTER AVENUE TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK		
STORMWATER MANAGEMENT PLAN		
HEC CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2026		
EXPIRES: 05/31/29 Date: 09/16/26 Sheet: 4 Scale: 1" = 20' Designed By: N.S. Checked By: M.S. Sheet No. 5		
C-4		



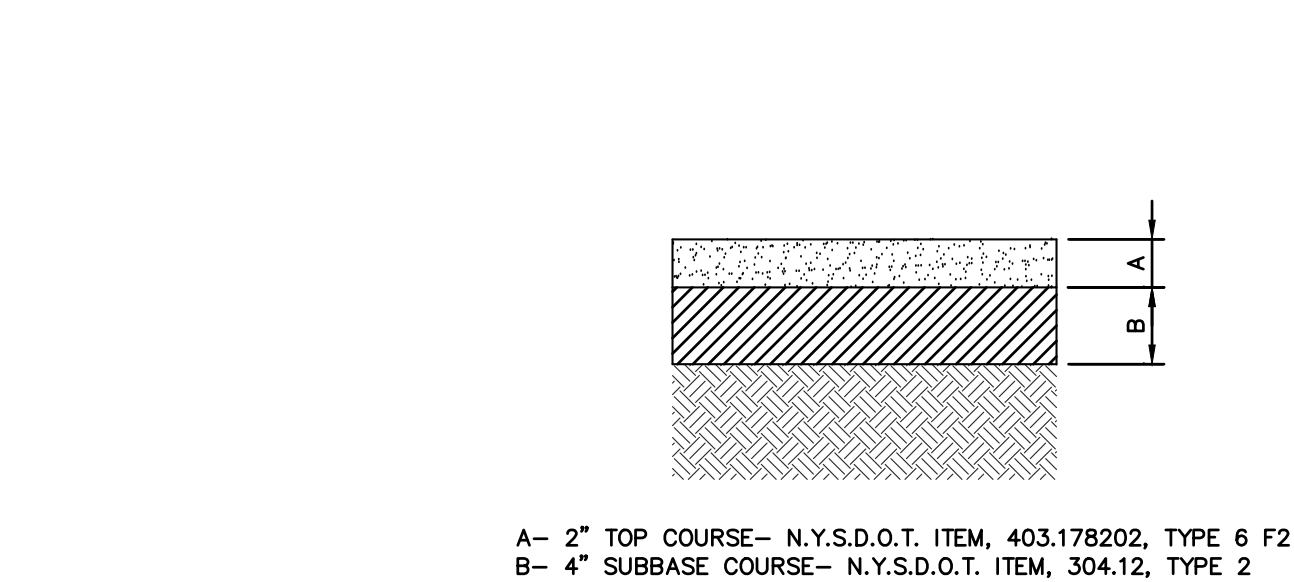


ISOLATION ROW NOTES:
 1. ISOLATION ROW SHALL BE COMPLETELY ENCAPSULATED IN GEOTEXTILE FABRIC.
 2. FABRIC SHALL BE OVERLAPPED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 3. NO FEED CONNECTORS OR PIPES SHALL CONNECT THE ISOLATION ROW TO THE REMAINDER OF THE SYSTEM.

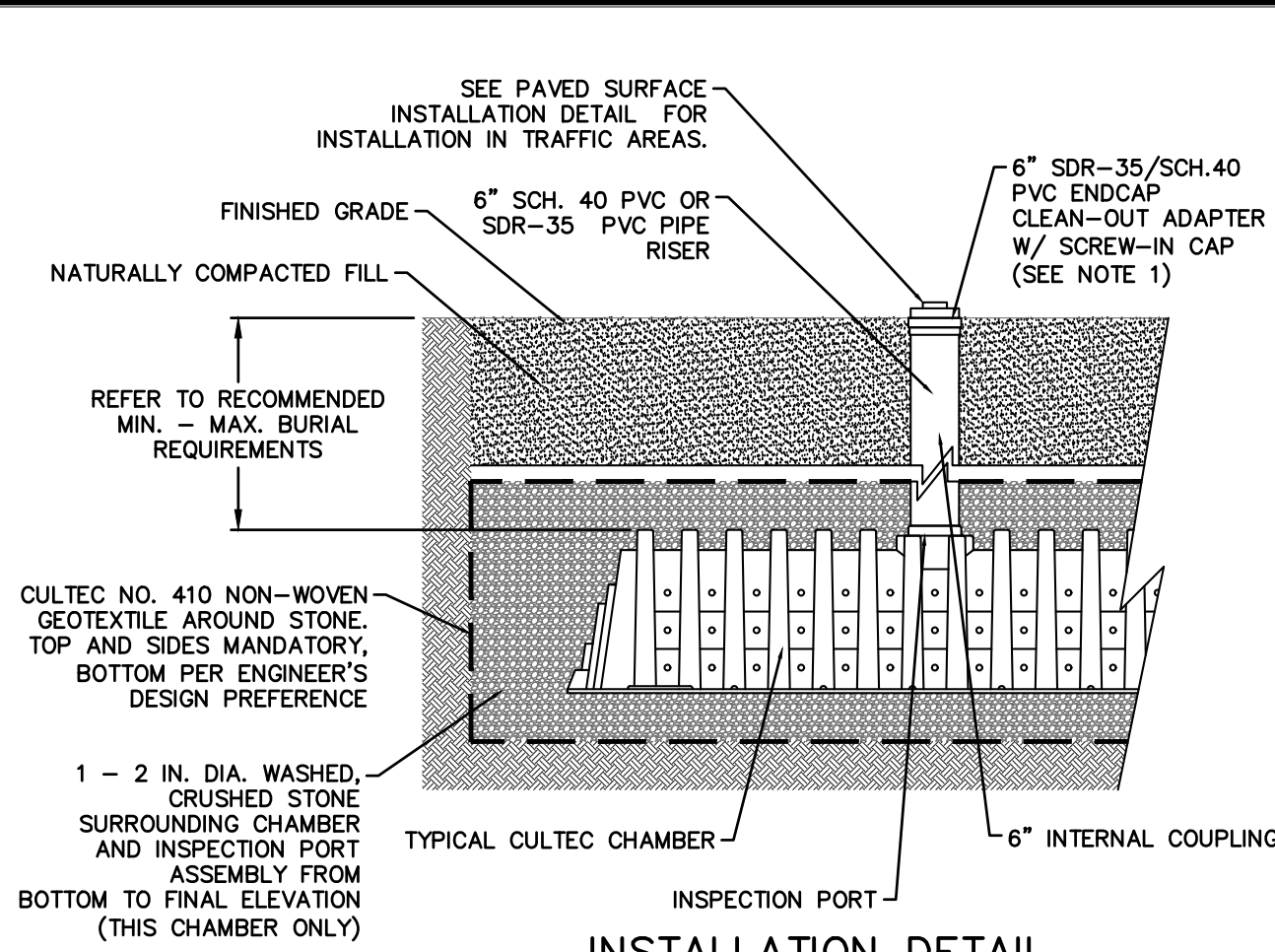


NOTES:
 1. CONCRETE - 3,500 PSI MINIMUM STRENGTH @ 28 DAYS
 2. DESIGN LOADING - AASHTO HS20-44
 3. EARTH COVER - 0 TO 5 FEET
 4. CONSTRUCTION JOINT - LAPPED

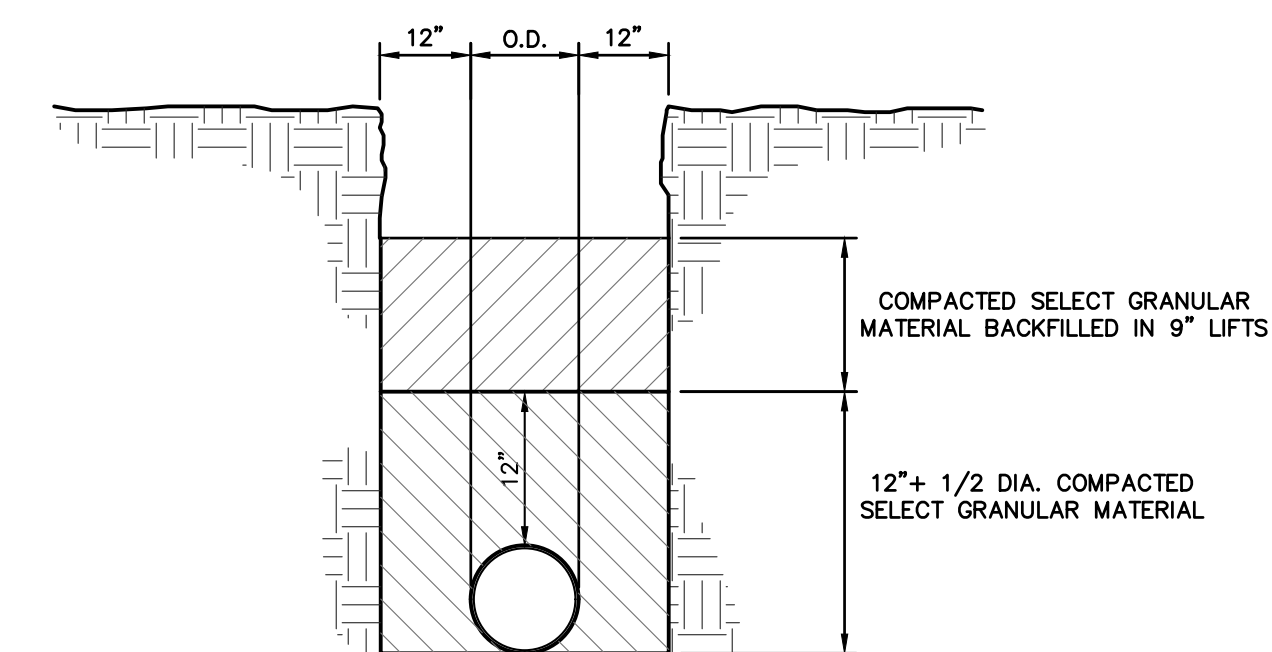
DRIVEWAY PAVEMENT SECTION



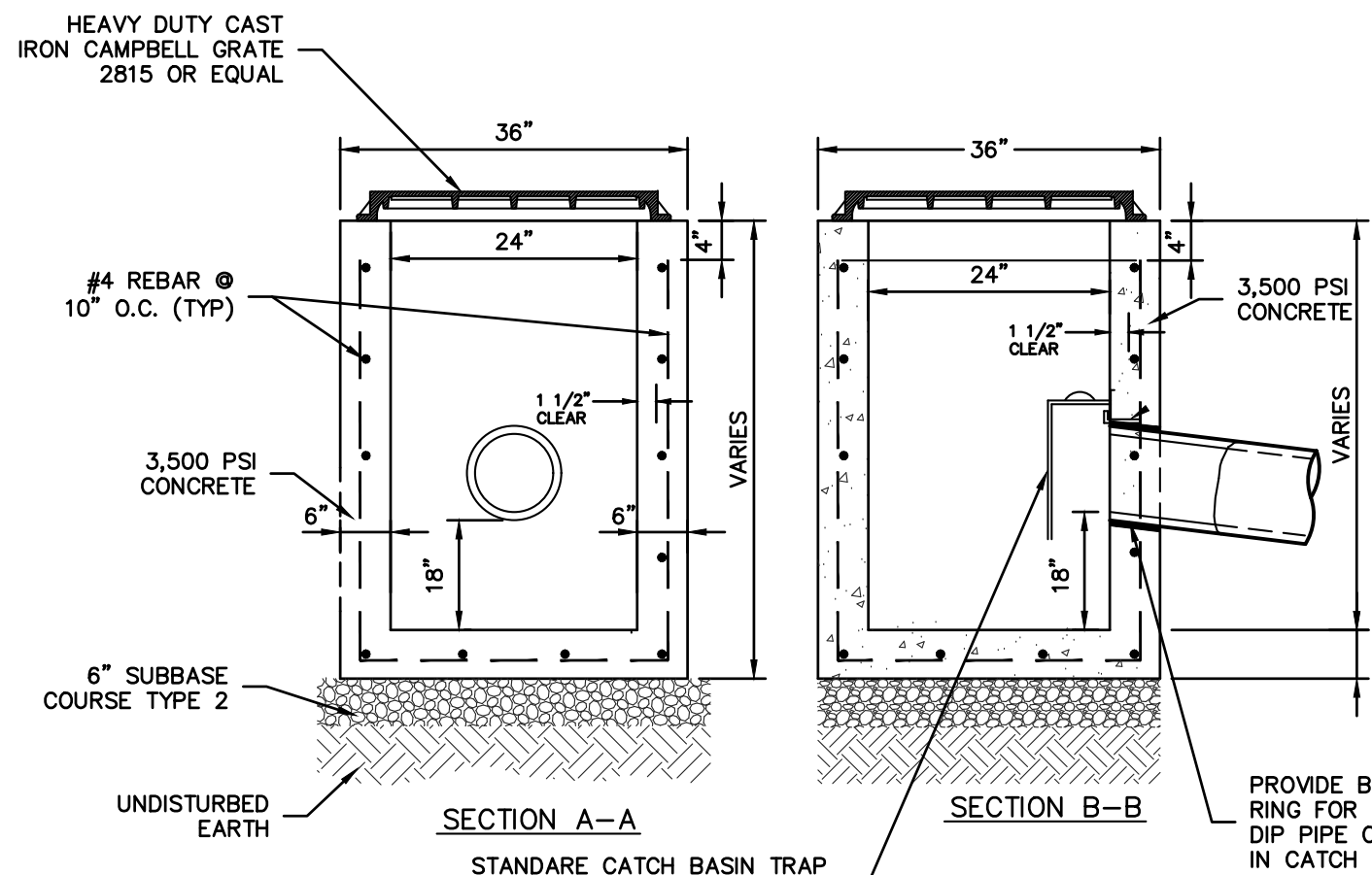
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NOTES:
 1. WHEN ACCESS PORT IS UTILIZED AS SYSTEM OVERFLOW, INSTALL NDS MODEL 50 GRATE. GRATE TO BE SET 1/2" ABOVE ADJACENT GRADE. ADJACENT GRADE TO PITCH AWAY FROM ACCESS PORT IN ALL DIRECTION.
 2. INSPECTION PORT NOT TO SERVE AS OVERFLOW WHEN INSTALLED IN PAVED/TRAFFIC AREAS.

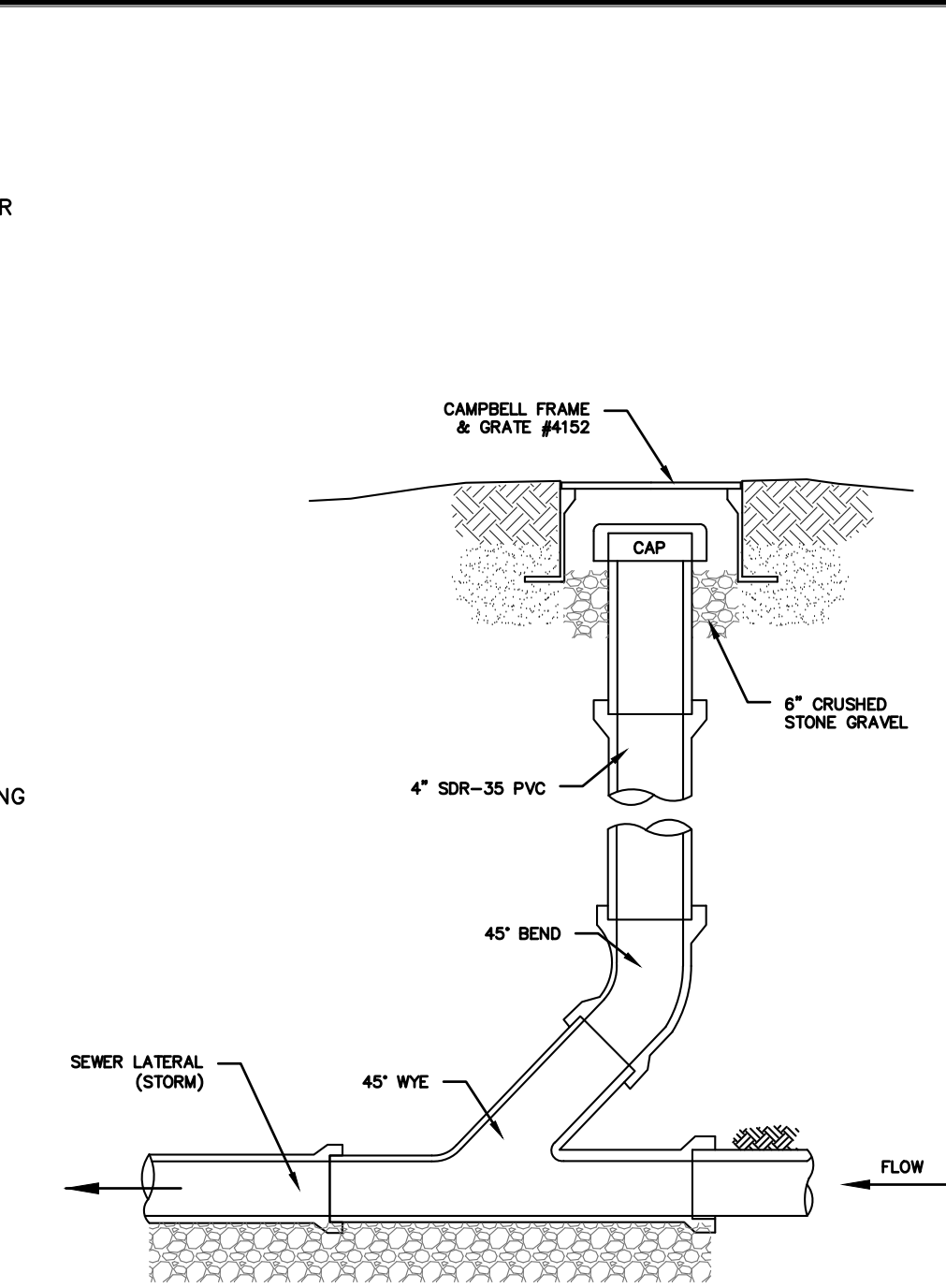
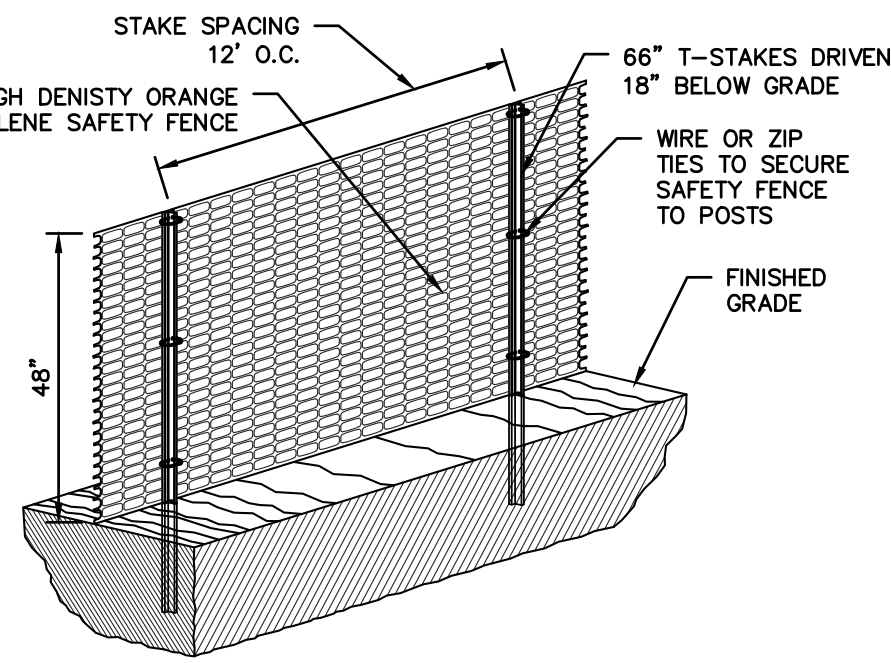


TRENCH BEDDING



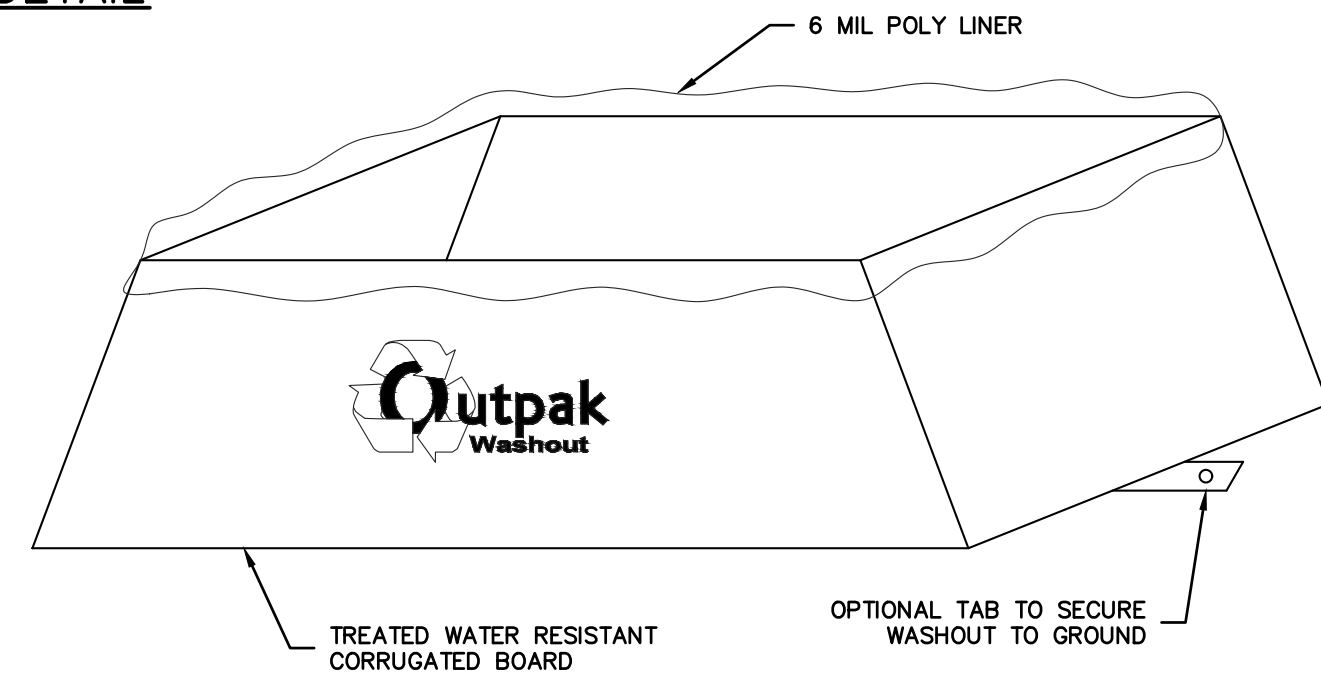
NOTES:
 1. CONCRETE - 3,500 PSI MINIMUM STRENGTH @ 28 DAYS
 2. STEEL REINFORCEMENT - ASTM A-615, # 4 REBAR, GRADE 60
 3. COVER TO STEEL - 1 3/4" MINIMUM
 4. DESIGN LOADING - AASHTO HS20-44
 5. EARTH COVER - 0 TO 5 FEET
 6. CONSTRUCTION JOINT - LAPPED

24"x24" PRECAST DRAIN INLET



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

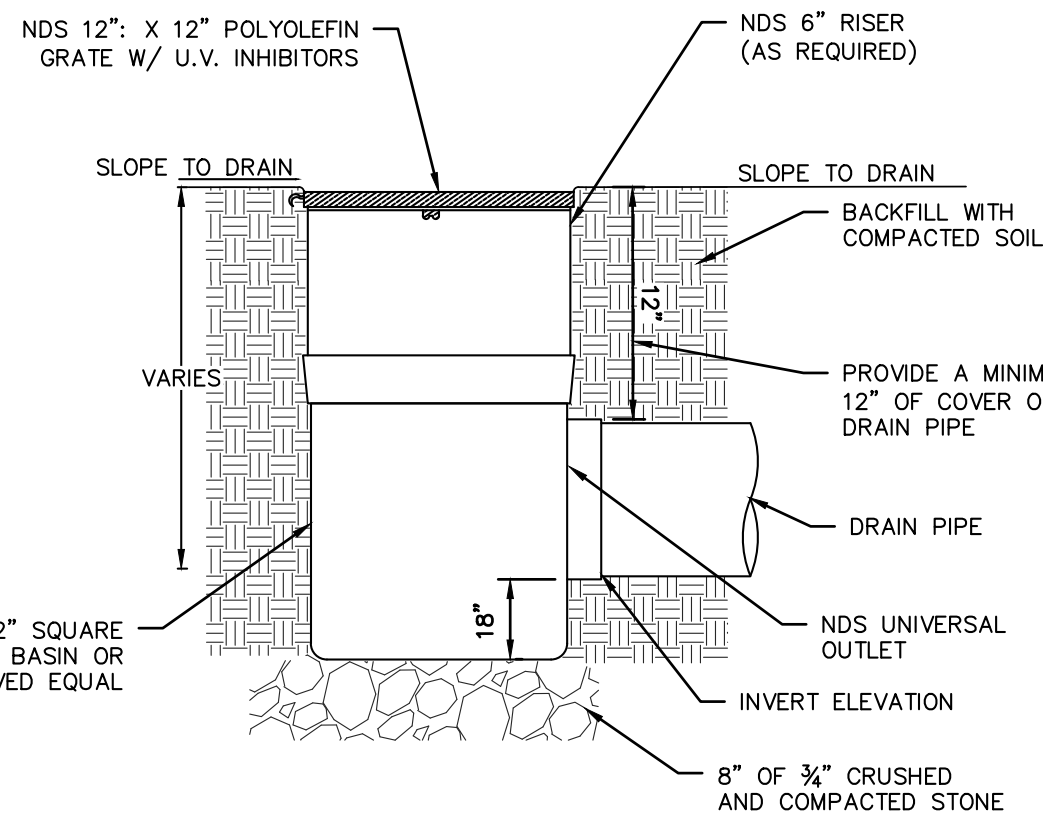
STORM SEWER CLEANOUT DETAIL (GRAVITY)



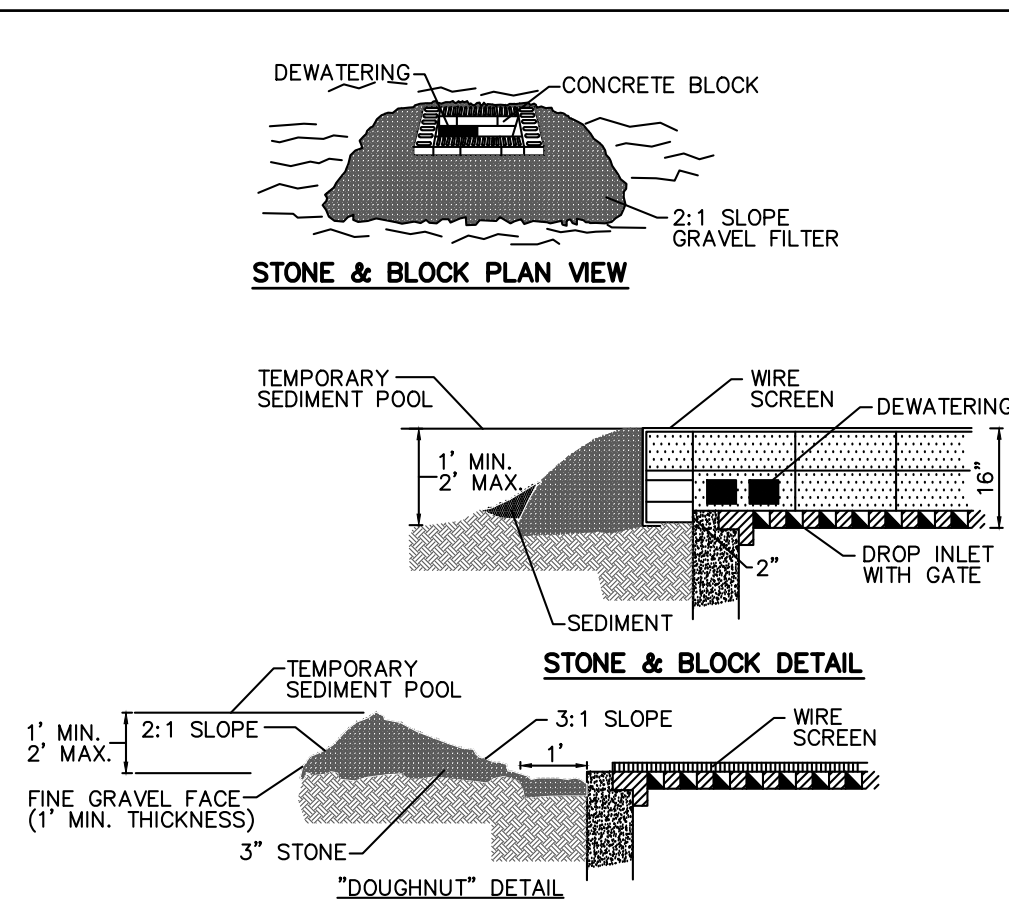
NOTES:

1. THE WASHOUT SHALL BE INSTALLED PRIOR TO USING MATERIALS THAT REQUIRE WASHOUT ON THIS PROJECT.
2. AS NECESSARY, SIGNS SHALL BE PLACED THROUGHOUT THE SITE TO INDICATE THE LOCATION OF THE WASHOUT.
3. THE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR LIQUID WASTE.
4. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE FACILITY.
5. DO NOT WASHOUT INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
6. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
7. LOCATE WASHOUT AT LEAST 50' (15 METERS) FROM STORM DRAIN, OPEN DITCHES, OR WATER BODIES.
8. THE WASHOUT SHALL BE USED ONLY FOR NON-HAZARDOUS WASTES.

CORRUGATED CONCRETE WASHOUT



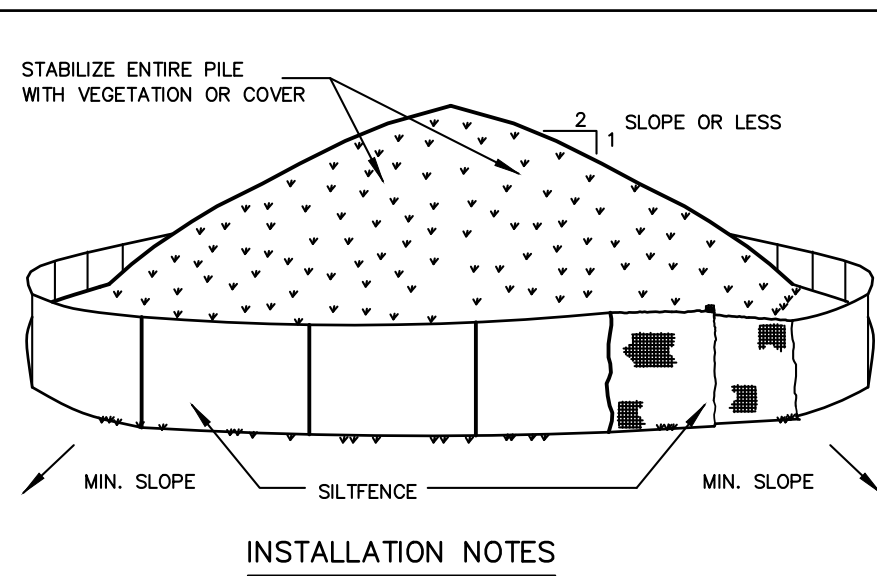
STONE & BLOCK DROP INLET PROTECTION



CONSTRUCTION SPECIFICATION

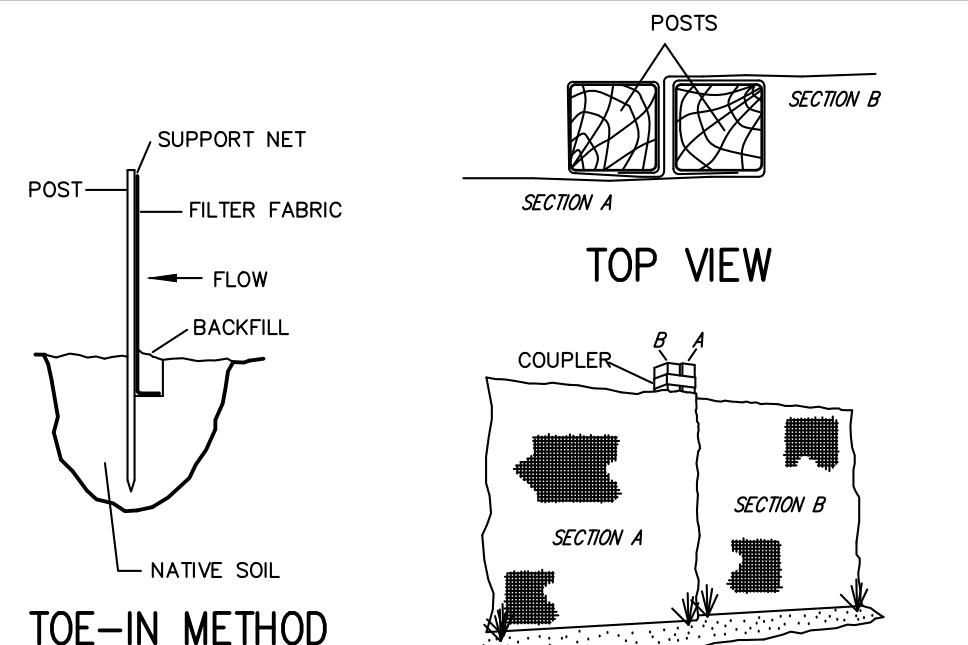
1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARECLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF BLOCK ON A 2:1 SLOPE OR FLATTER.
4. 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



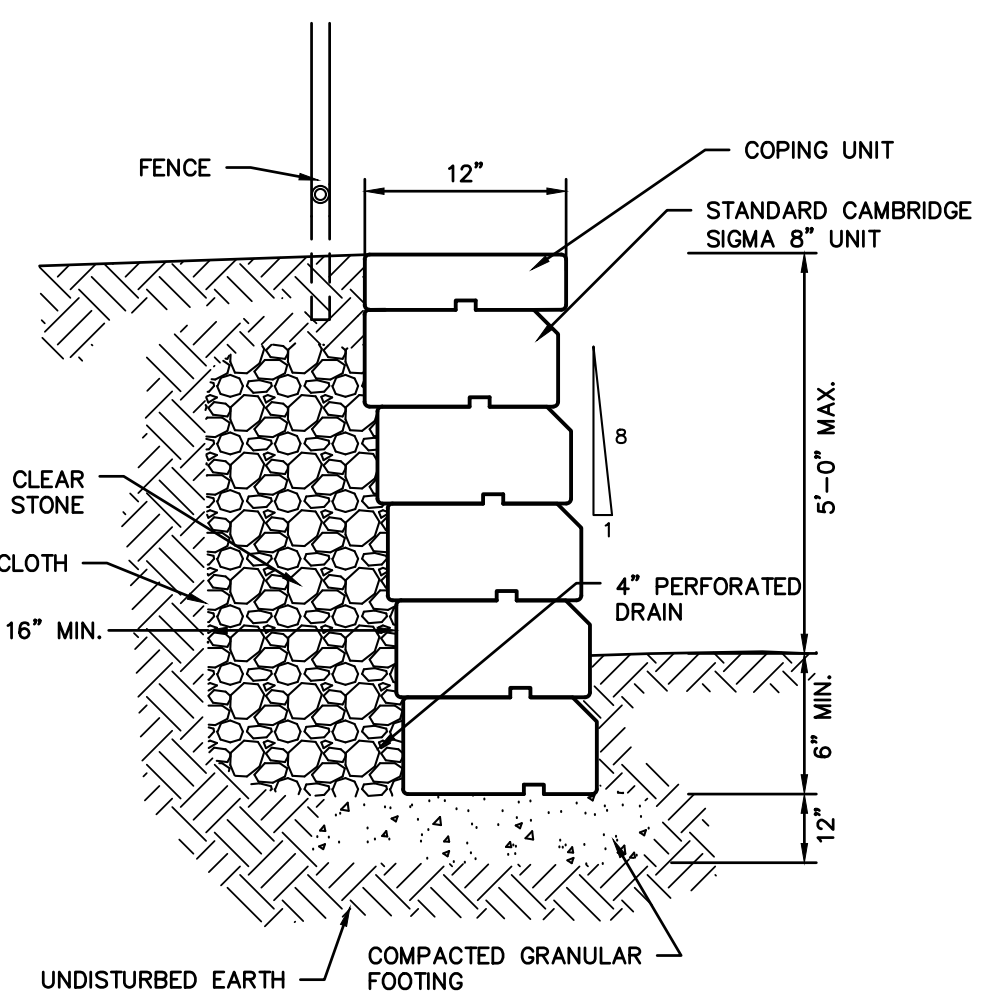
INSTALLATION NOTES:
 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTION OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
 3. MAXIMUM SLOPE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

SILT FENCE



INSTALLATION NOTES:

1. EXCAVATE A 4 INCH * 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. 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).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. 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.
5. JOIN SECTIONS AS SHOWN ABOVE.



CONTRACTOR TO SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL

PROJECT: PROPOSED POOL & ALTERATIONS 144 DORCHESTER AVENUE TOWN OF YORKTOWN WESTCHESTER COUNTY - NEW YORK		
DETAILS HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086		
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE CERTIFICATE OF AUTHORIZATION: 0018997	EXPIRES: 05/31/29 Date: 09/16/28 Sheet: 5 Scale: N.T.S. Designed By: M.S. Checked By: M.S. Sheet No. 4	C-5