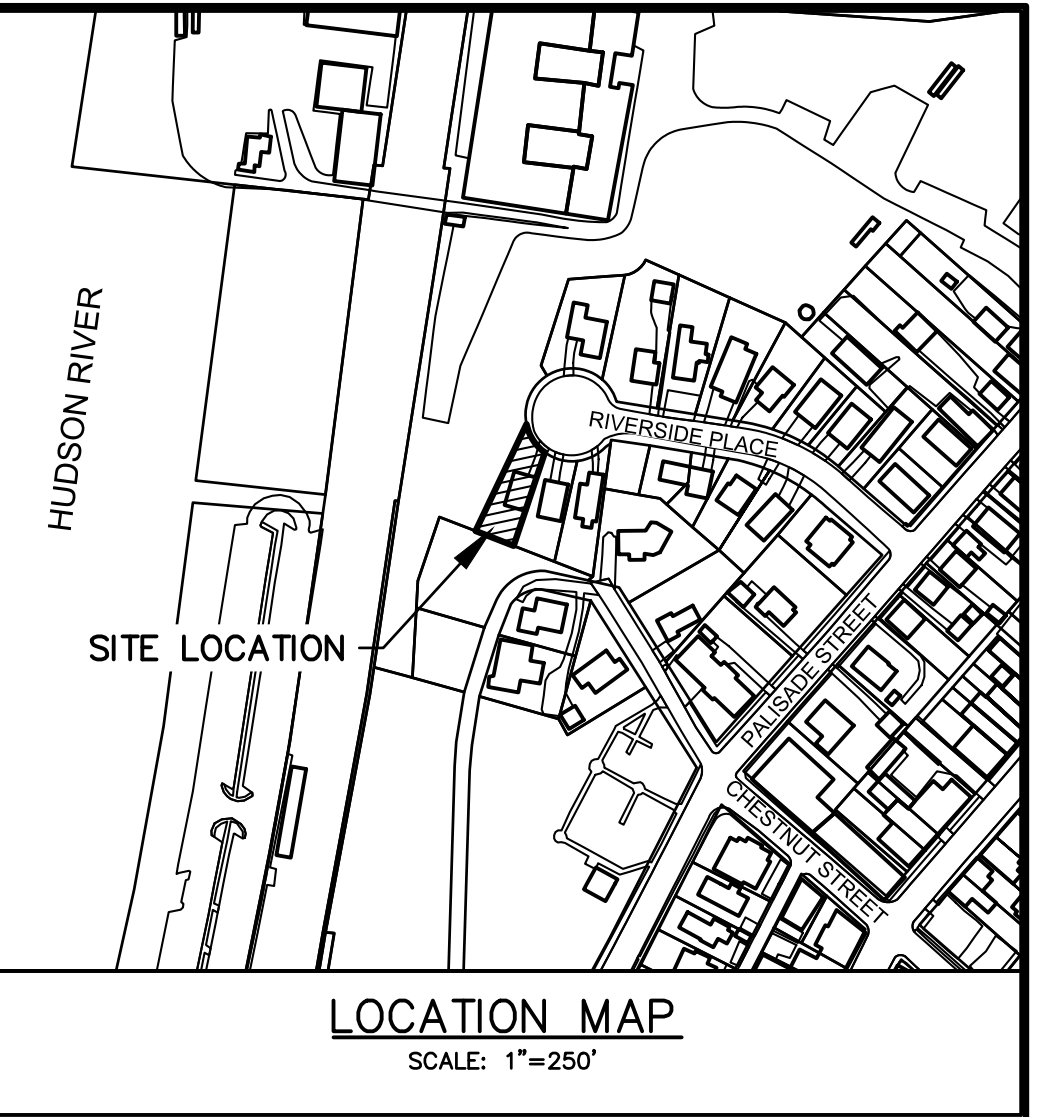


DEMOLITION & EXISTING CONDITIONS PLAN

SEDIMENT & EROSION CONTROL PLAN

S 57°07'00" E
54.00'

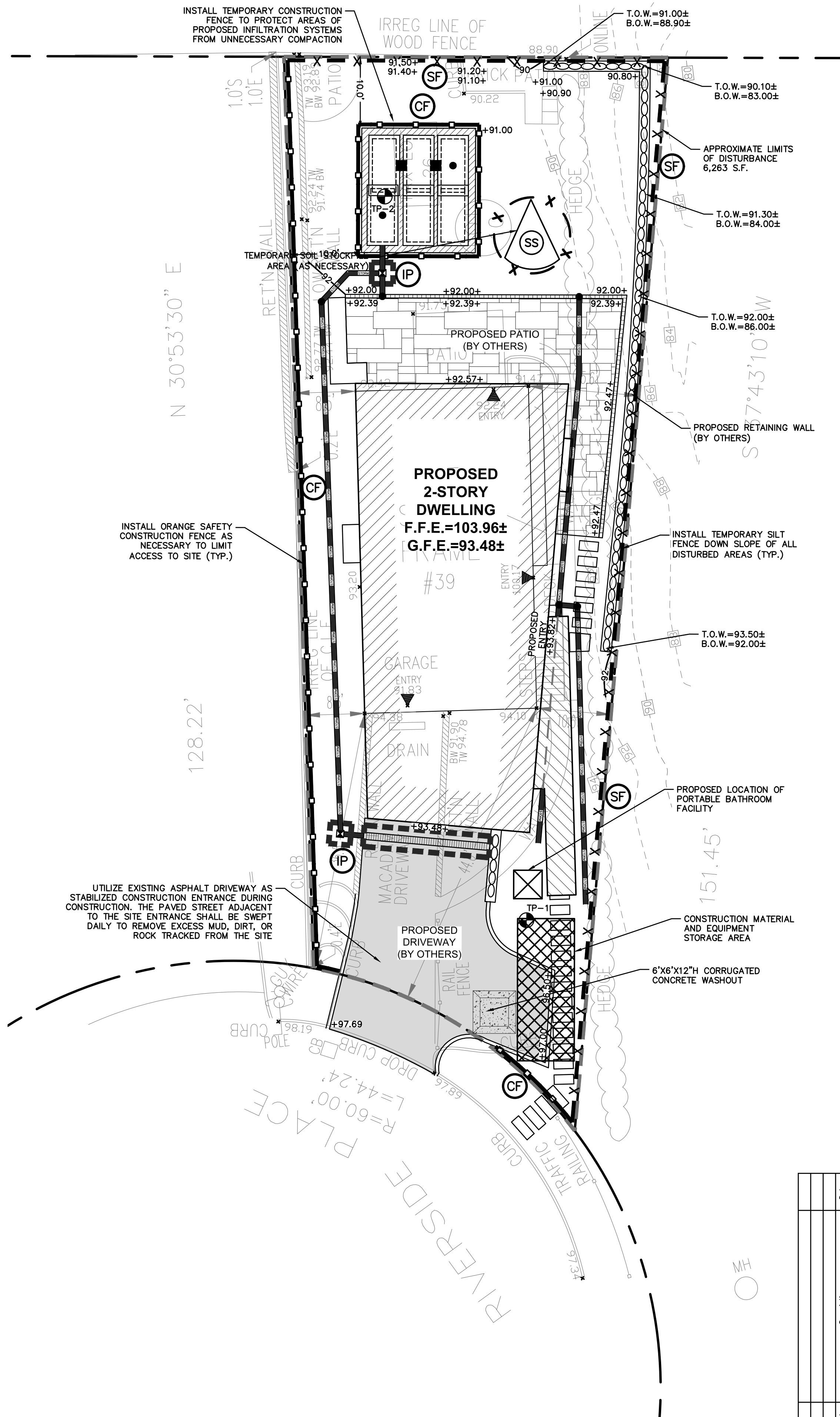
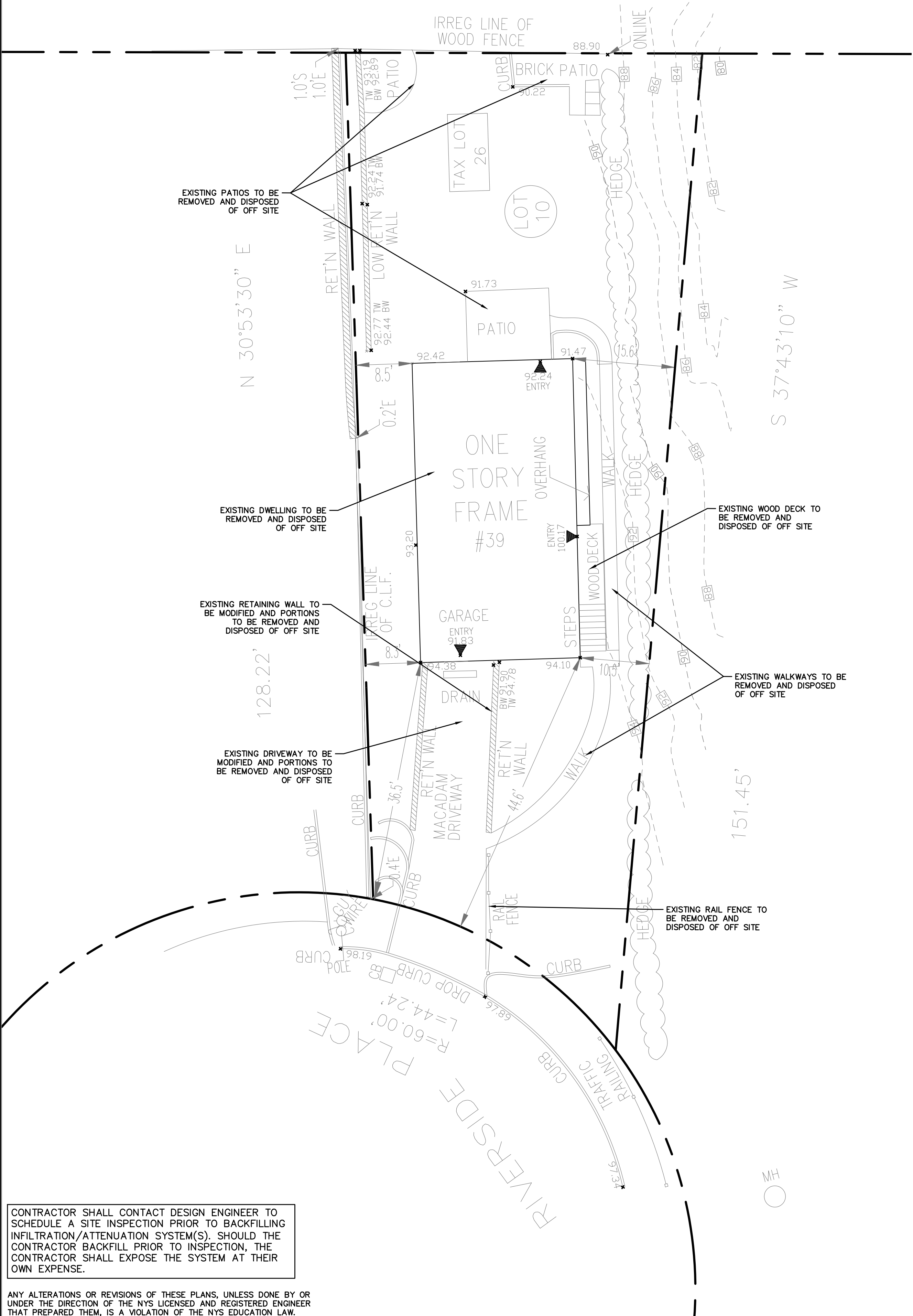
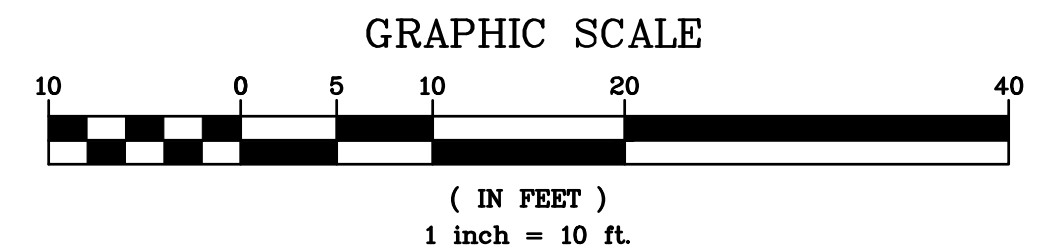
S 57°07'00" E
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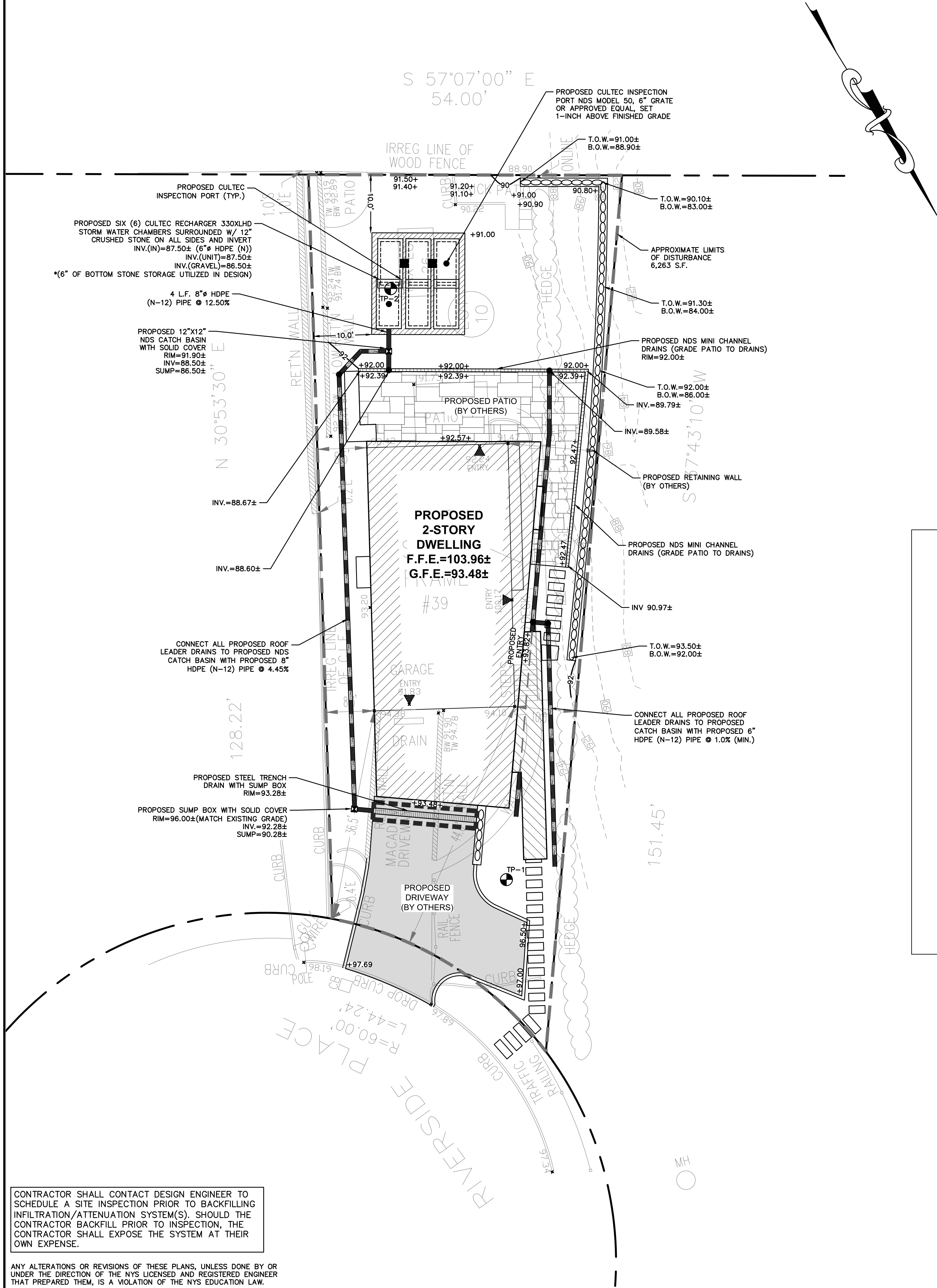
LEGEND

- PROPERTY LINE
- PROPOSED BELGIAN BLOCK CURB
- PROPOSED ASPHALT DRIVEWAY
- PROPOSED WALKWAY/PATIO
- PROPOSED STONE MASONRY WALL
- PROPOSED CONTOUR
- PROPOSED SPOT GRADE
- PROPOSED STORM PIPE
- PROPOSED DRAIN INLET
- PROPOSED CHANNEL DRAIN
- TEMPORARY INLET PROTECTION
- TEMPORARY SILT FENCE
- TEMPORARY CONSTRUCTION FENCE
- TEMPORARY SOIL STOCKPILE AREA
- TEST PIT LOCATION
- PROPOSED LIMIT OF DISTURBANCE

EXISTING INFORMATION SHOWN HEREON PROVIDED BY SUMMIT LAND SURVEYING P.C., DATED APRIL 13, 2022.



PROJECT: PROPOSED DINGLE-FAMILY RESIDENCE 39 RIVERSIDE PLACE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY – NEW YORK		
DEMO / EXISTING CONDITIONS / S&E PLAN		
		Date: 04/28/22 Sheet: 1 Designed By: S.G. Checked By: M.S. Sheet No.
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE		C-1



LEGEND

PROPERTY LINE	---
PROPOSED BELGIAN BLOCK CURB	=====
PROPOSED ASPHALT DRIVEWAY	=====
PROPOSED WALKWAY/PATIO	=====
PROPOSED GRAVEL DRIVEWAY	=====
PROPOSED STONE MASONRY WALL	=====
PROPOSED CONTOUR	526
PROPOSED SPOT GRADE	+526.25
PROPOSED STORM PIPE	=====
PROPOSED DRAIN INLET	=====
PROPOSED CHANNEL DRAIN	=====
PROPOSED TRENCH DRAIN	=====
TEST PIT LOCATION	TP-1
PROPOSED LIMIT OF DISTURBANCE	---

SITE NOTES:

- SHOULD ROCK BLASTING BE REQUIRED, A PERMIT APPLICATION IN ACCORDANCE WITH CHAPTER 125 - BLASTING OF THE DOBBS DERRY VILLAGE CODE MUST BE SUBMITTED TO THE VILLAGE BY THE APPLICANT FOR REVIEW/APPROVAL.
- THE VILLAGE ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES IF DEEMED APPROPRIATE TO MITIGATE UNFORESEEN SILTATION AND EROSION OF DISTURBED SOILS.
- AS-BUILT PLANS OF THE PROPOSED DRAINAGE IMPROVEMENTS SHALL BE SUBMITTED TO THE VILLAGE ENGINEER FOR REVIEW PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- FILL MATERIAL IMPORTED TO THE SITE SHALL BE CERTIFIED IN WRITING BY A NEW YORK LICENSED PROFESSIONAL ENGINEER AS CLEAN, NON-CONTAMINATED FILL SUITABLE FOR THE INTENDED USE.
- BEFORE THE SITE PLAN IS SIGNED BY THE CHAIRMAN OF THE PLANNING BOARD, THE APPLICANT SHALL BE REQUIRED TO POST A PERFORMANCE BOND OR OTHER TYPE OF ACCEPTABLE MONETARY GUARANTY WHICH SHALL BE IN AN AMOUNT DETERMINED BY THE PLANNING BOARD AND THE VILLAGE ENGINEER AND IN A FORM SATISFACTORY TO THE VILLAGE ATTORNEY.
- THE APPLICANT SHALL NOTIFY THE BUILDING DEPARTMENT OR VILLAGE'S CONSULTING ENGINEER IN WRITING AT LEAST 48 HOURS BEFORE ANY OF THE FOLLOWING SO THAT ANY INSPECTION MAY BE PERFORMED.
 - START OF CONSTRUCTION.
 - INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES.
 - COMPLETION OF SITE CLEARING.
 - COMPLETION OF ROUGH GRADING.
 - INSTALLATION OF SMP'S.
 - COMPLETION OF FINAL GRADING AND STABILIZATION OF DISTURBED AREAS.
 - CLOSURE OF CONSTRUCTION.
 - COMPLETION OF FINAL LANDSCAPING; AND
 - SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS
- A STREET OPENING PERMIT SHALL BE OBTAINED FOR ALL WORK WITHIN THE RIGHT-OF-WAY.
- NO STOCKPILE SHALL BE STORED ON-SITE. ALL MATERIALS SHALL BE CARTED OFF-SITE AFTER USE.
- CONTRACTOR WILL FIELD VERIFY THE CONNECTION TO THE MUNICIPAL SYSTEM, AND IF A NEW CONNECTION IS NEEDED A STREET OPENING PERMIT WILL BE REQUIRED.

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 125 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.

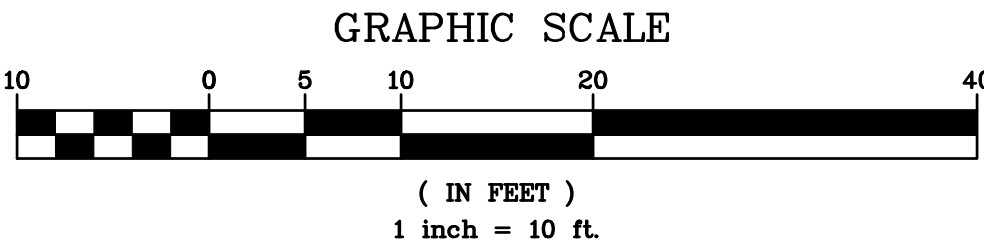
CONSTRUCTION SEQUENCING:

- SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
- INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLAN.
- STRIP TOPSOIL AND STOCKPILE AT THE LOCATIONS SPECIFIED ON THE PLANS (UP GRADIENT OF EROSION CONTROL MEASURES). TEMPORARILY STABILIZE TOPSOIL STOCKPILES (HYDROSEED DURING MAY 1ST THROUGH OCTOBER 31ST PLANTING SEASON OR BY COVERING WITH A TARP/AULIN(S) NOVEMBER 1ST THROUGH APRIL 30TH. INSTALL SILT FENCE AROUND TOE OF SLOPE.
- DEMOLISH ANY EXISTING SITE FEATURES AND/OR STRUCTURES NOTED AS BEING REMOVED ON THE CONSTRUCTION DOCUMENTS AND DISPOSE OF OFF-SITE.
- ROUGH GRADE SITE.
- EXCAVATE AND INSTALL EX-FILTRATION SYSTEMS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- INSTALL DRAINAGE WORK TRIBUTARY TO EX-FILTRATION SYSTEMS FROM PROPOSED WORK.
- EXCAVATE AND CONSTRUCT FOUNDATIONS FOR POOL.
- CONSTRUCT POOL & PATIOS.
- FINE GRADE AND SEED ALL DISTURBED AREAS. CLEAN DRAIN LINES. CLEAN EX-FILTRATION SYSTEMS. ENSURE GRASS STAND IS ACHIEVED.
- INSTALL 4'-6" TOPSOIL, FINE GRADE SEED THE ENTIRE PROJECT SITE AND INSTALL LANDSCAPE PLANTINGS. SPREAD SALT HAY OVER SEEDED AREAS.
- REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.
- SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR WEEKLY AND PRIOR TO AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.

TEST HOLE DATA:

- TEST HOLE #1
DEPTH = 96"
0-6" TOPSOIL
6-96" REDDISH BROWN SANDY LOAM
NO GROUNDWATER
NO LEDGE ROCK
PERC. = 7.5 INCHES/HOUR
- TEST HOLE #2
DEPTH = 88"
0-6" TOPSOIL
6-30" SANDY FILL
30-60" FILL W/ CONSTRUCTION DEBRIS
60-88" SANDY SILT, VERY ROCKY
NO GROUNDWATER
LEDGE ROCK @ 88"
PERC. = 35 INCHES/HOUR
*(20 INCHES/HOUR UTILIZED IN DESIGN)

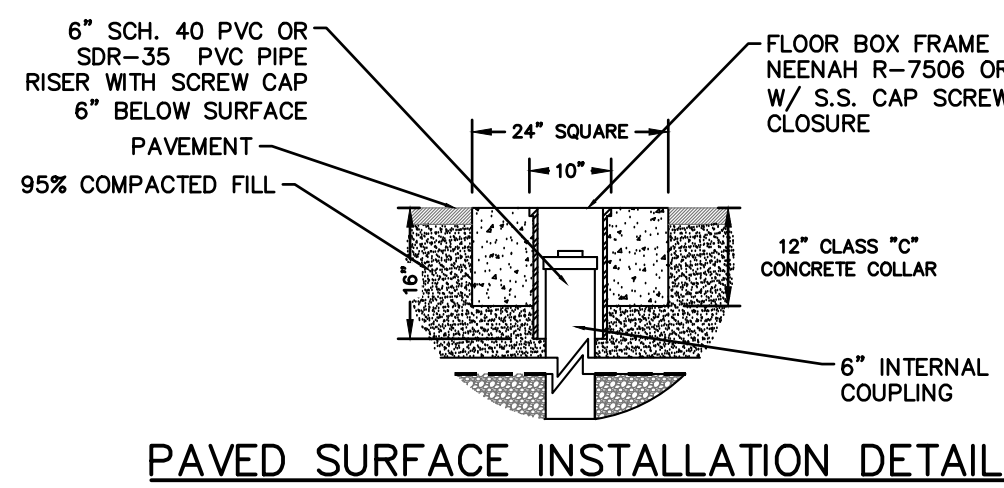
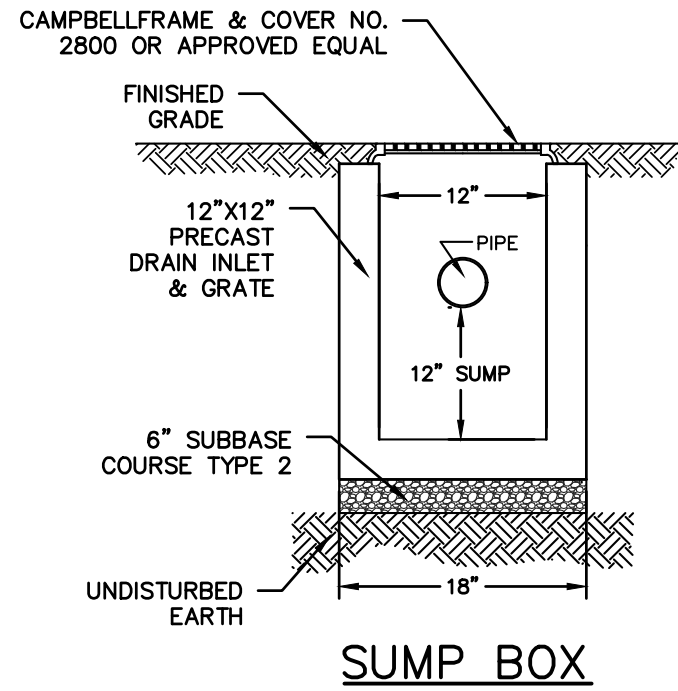
EXISTING INFORMATION SHOWN HEREON
PROVIDED BY SUMMIT LAND SURVEYING
P.C., DATED APRIL 13, 2022.



CONTRACTOR SHALL CONTACT DESIGN ENGINEER TO SCHEDULE A SITE INSPECTION PRIOR TO BACKFILLING INFILTRATION/ATTENUATION SYSTEM(S). SHOULD THE CONTRACTOR BACKFILL PRIOR TO INSPECTION, THE CONTRACTOR SHALL EXPOSE THE SYSTEM AT THEIR OWN EXPENSE.

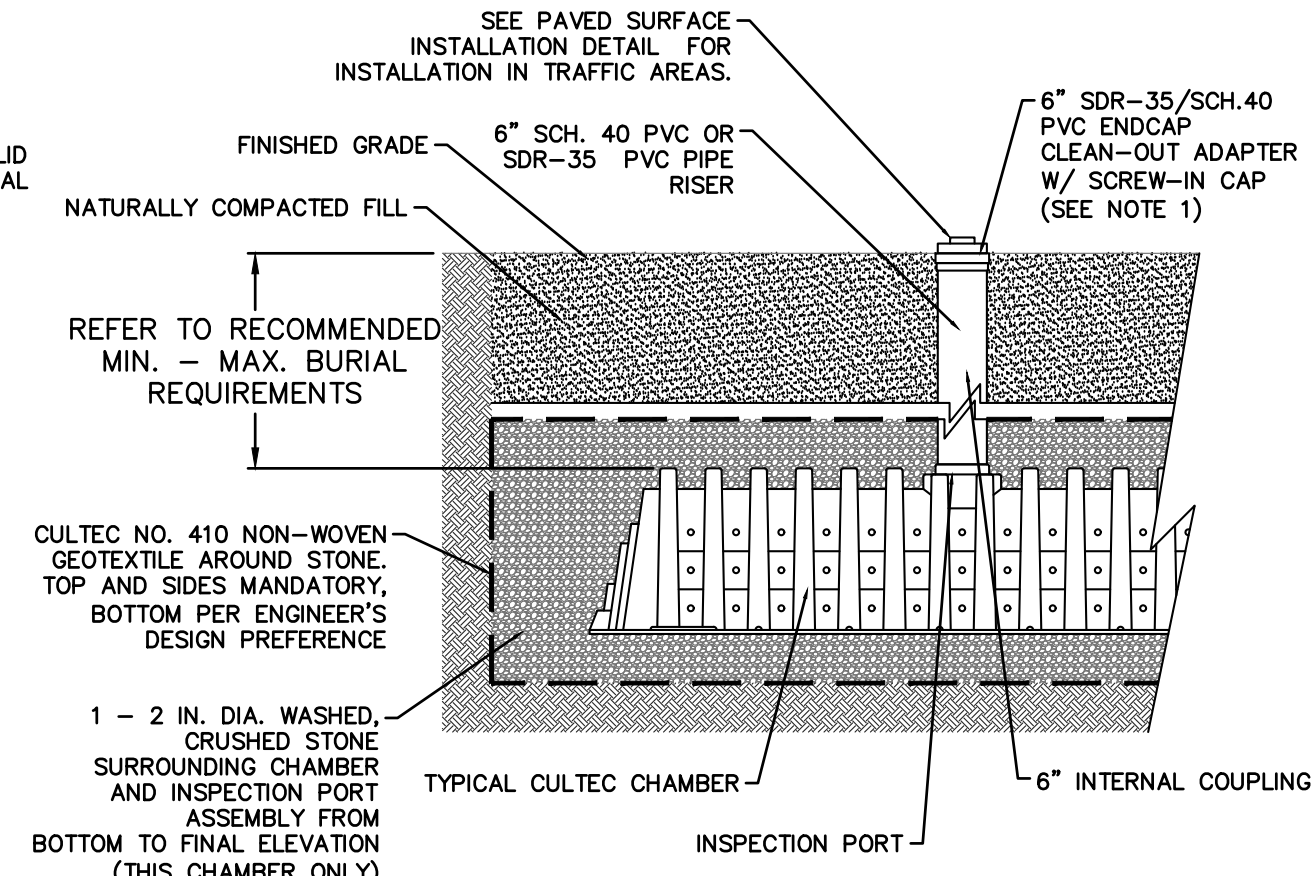
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Description	Revisions	Date	PROJECT:
				PROPOSED DINGLE-FAMILY RESIDENCE
				39 RIVERSIDE PLACE
				VILLAGE OF DOBBS FERRY
WESTCHESTER COUNTY - NEW YORK				STORMWATER MANAGEMENT PLAN
HUDSON ENGINEERING & CONSULTING, P.C.				45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-903-0420 F: 914-560-2086
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE				State of New York MICHAEL J. STEIN No. 60851 LICENSED PROFESSIONAL ENGINEER
Date: 04/28/22 Sheet: 2				Scale: 1" = 10'
Designed By: S.G.				Checked By: M.S.
Sheet No.				C-2

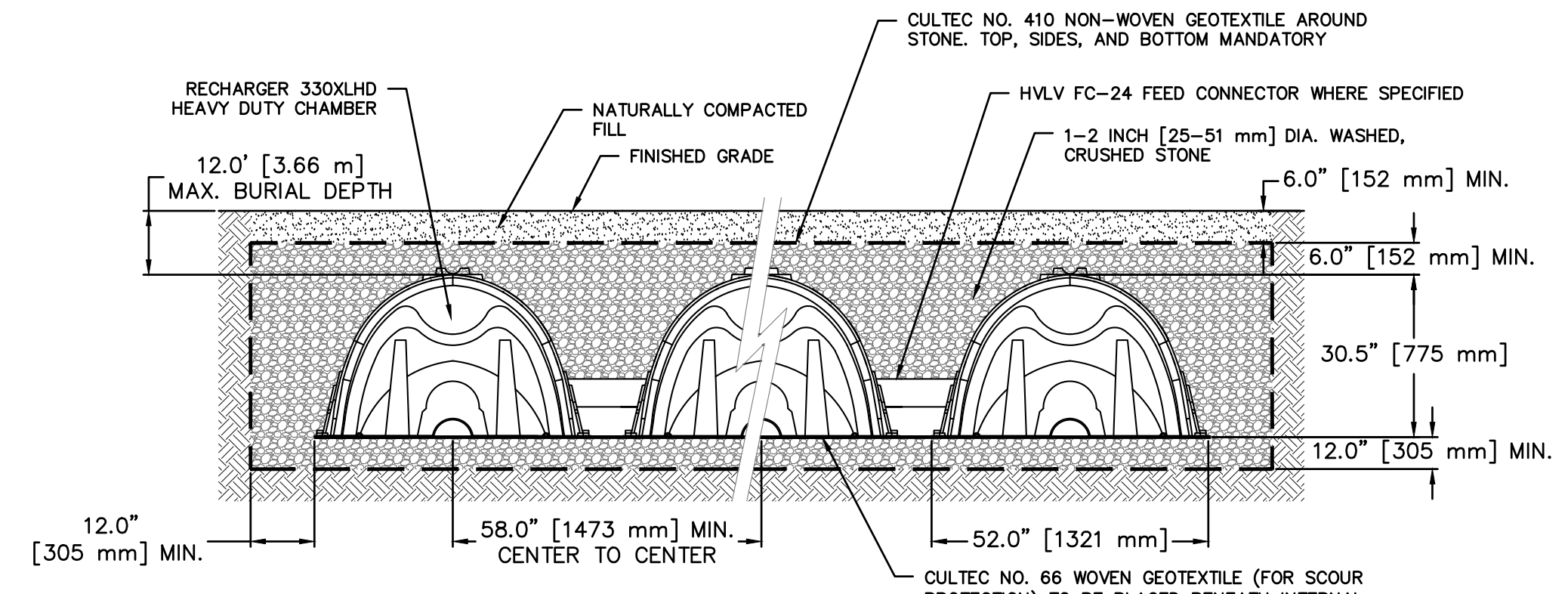


PAVED SURFACE INSTALLATION DETAIL

- 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.

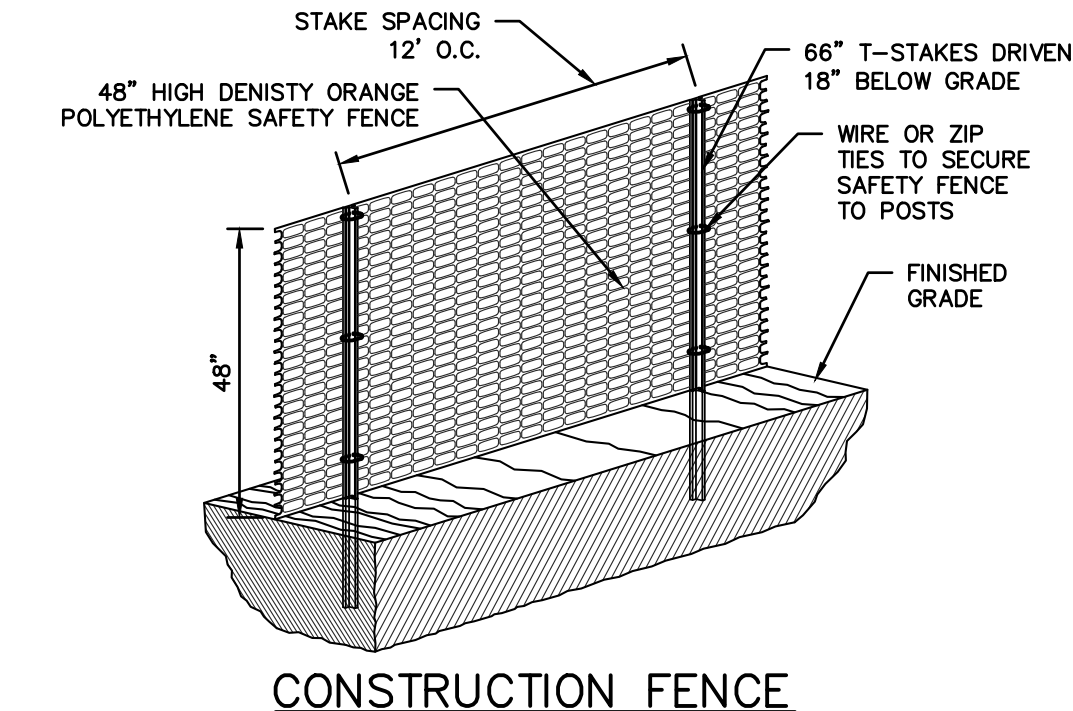


INSTALLATION DETAIL

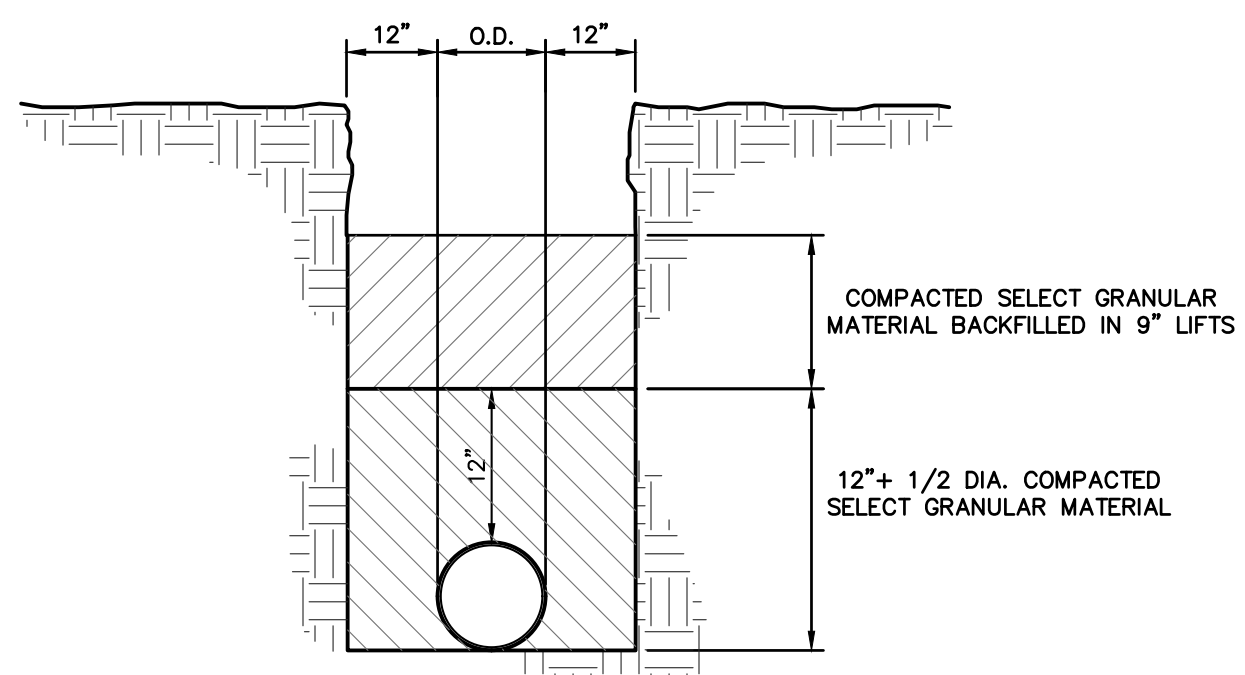


- GENERAL NOTES**
1. RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT [1.05 m³/m] PER DESIGN UNIT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS
 2. 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

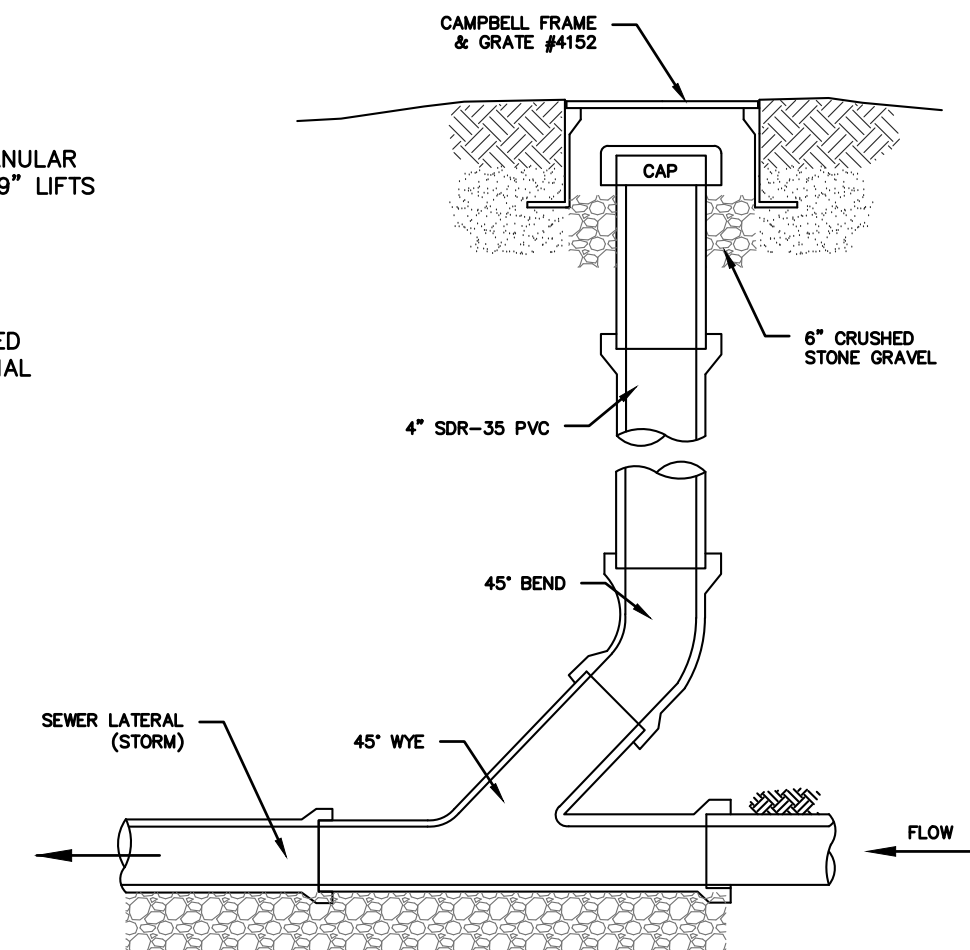
CULTEC RECHARGER 330XLHD



CONSTRUCTION FENCE

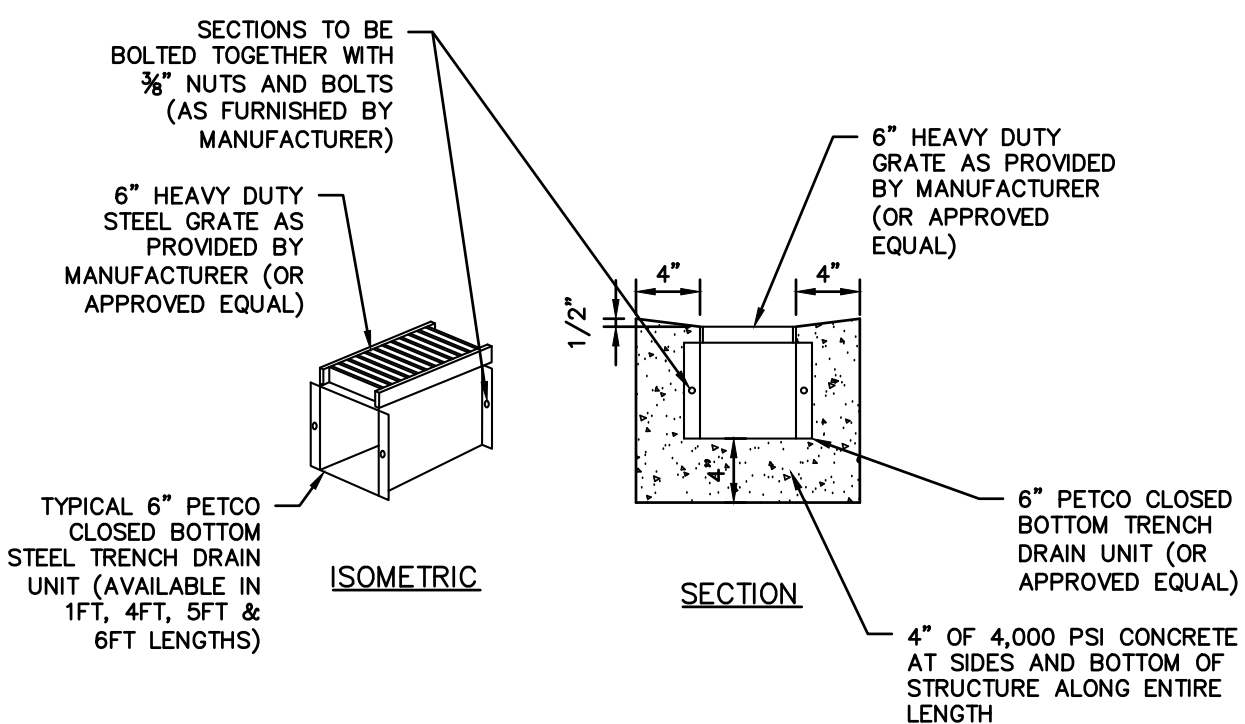


TRENCH BEDDING

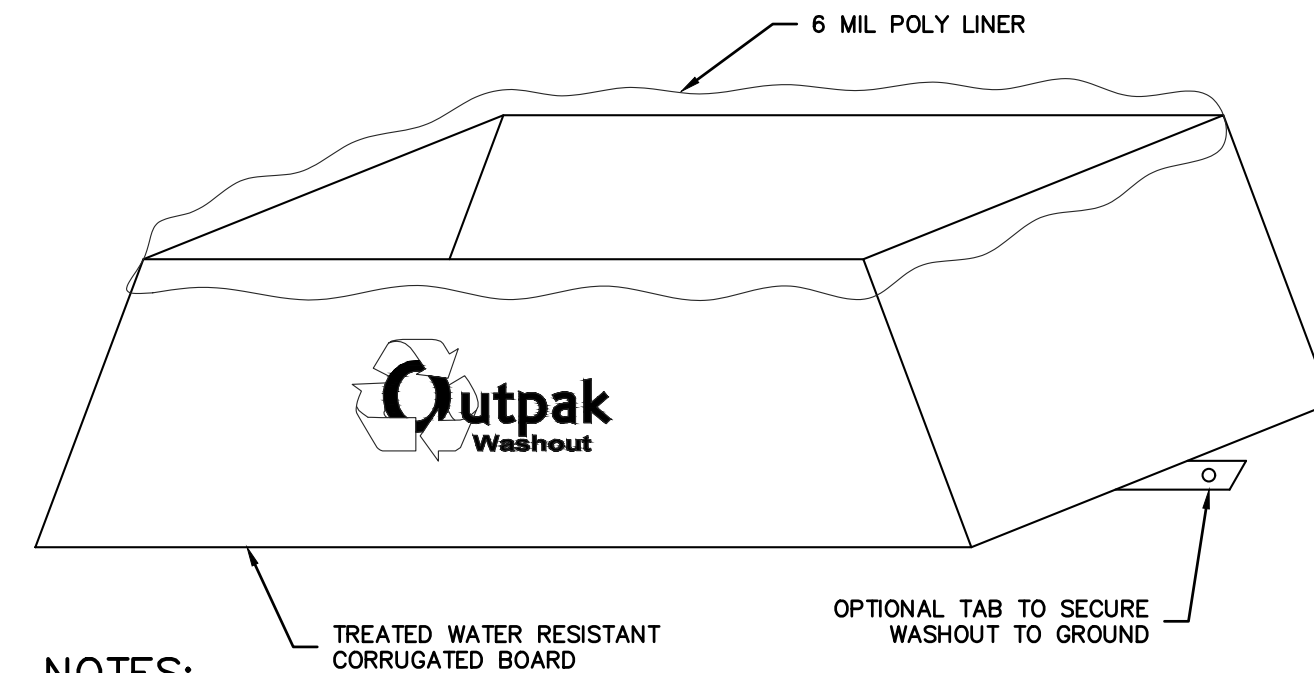


- NOTES (STORM SEWER):**
1. REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6 inch SCH. 40 @ 1.0% MINIMUM.
 2. CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION IS PROPOSED.

SEWER CLEANOUT DETAIL (GRAVITY)
(STORM)



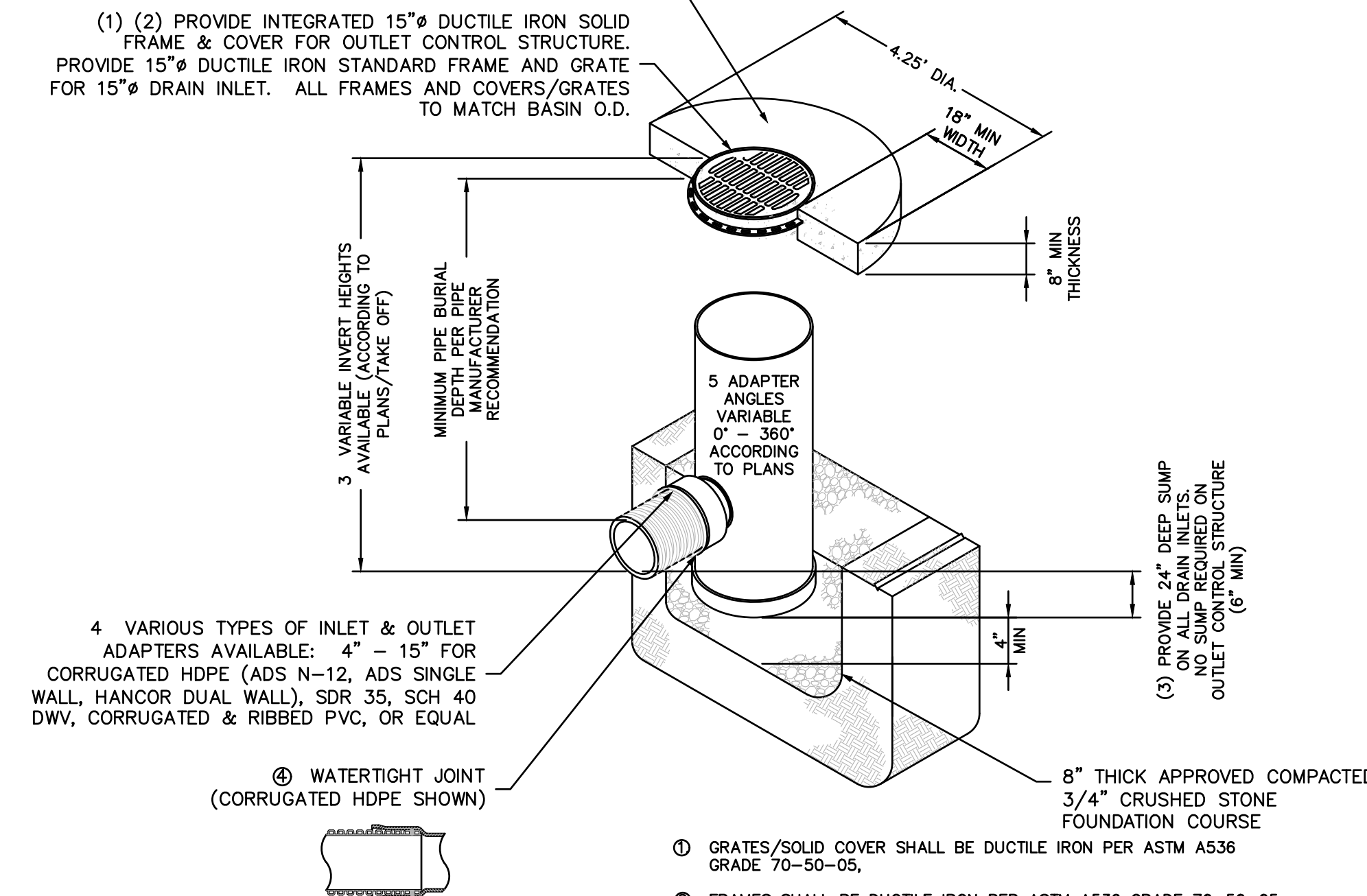
STEEL TRENCH DRAIN



- 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

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.



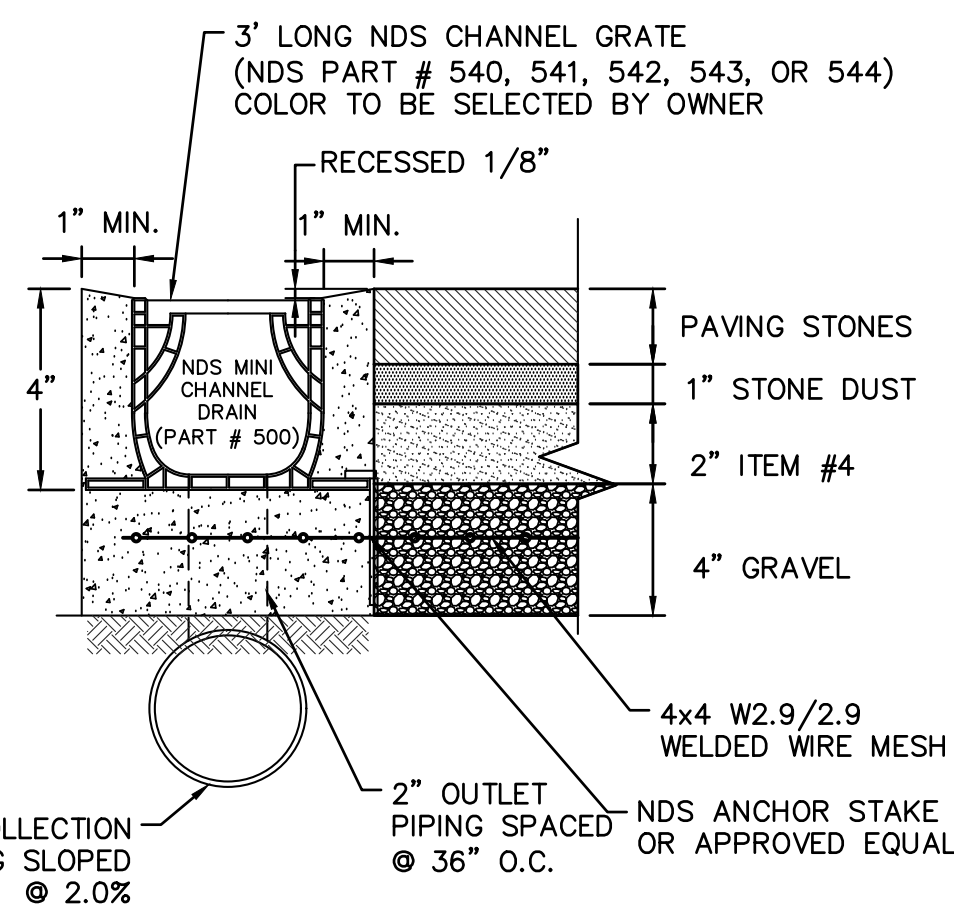
1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05,
2. FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
5. ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-013.

GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
FRAMING	MEETS H-10	FRAMING	7001-110-001
FRAMING	MEETS H-20	FRAMING	7001-110-002
FRAMING	MEETS H-30	FRAMING	7001-110-003
FRAMING	MEETS H-40	FRAMING	7001-110-004
FRAMING	MEETS H-50	FRAMING	7001-110-005
FRAMING	MEETS H-60	FRAMING	7001-110-006
FRAMING	MEETS H-70	FRAMING	7001-110-007
FRAMING	MEETS H-80	FRAMING	7001-110-008
FRAMING	MEETS H-90	FRAMING	7001-110-009
FRAMING	MEETS H-100	FRAMING	7001-110-010

NOTES:

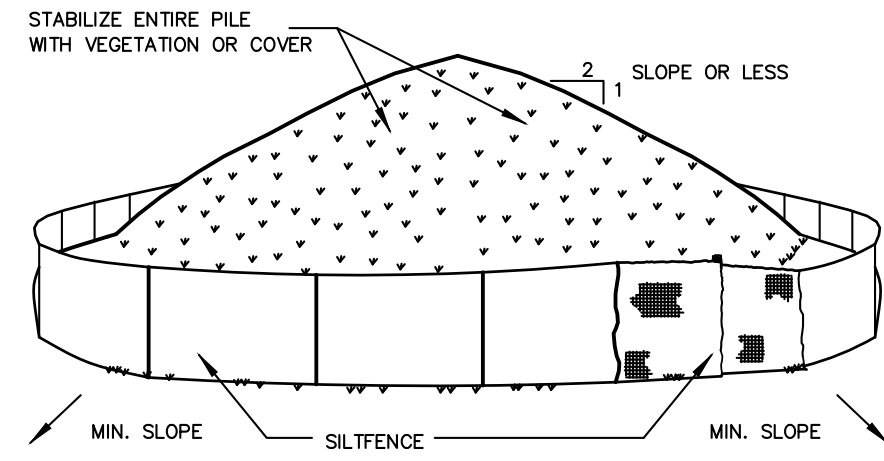
1. INSTALL BASIN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. PRODUCT SHALL BE NYLOPLAST DRAIN BASIN MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS (ADS) OR APPROVED EQUAL.

15" NYLOPLAST BASIN



NDS MINI CHANNEL DRAIN

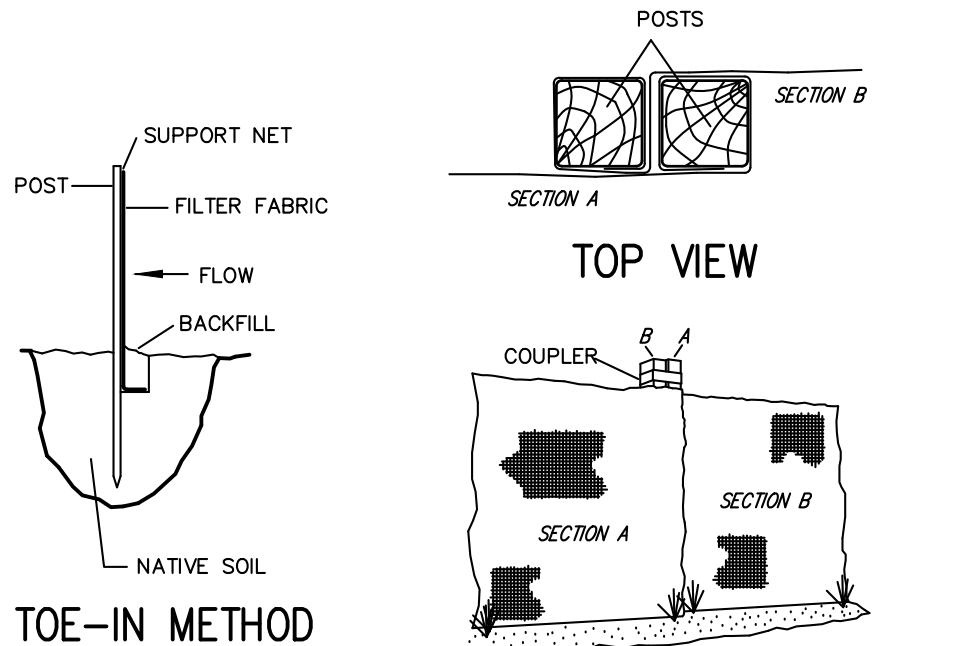
SOIL STOCKPILING



INSTALLATION NOTES

- 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 PORTIONS 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

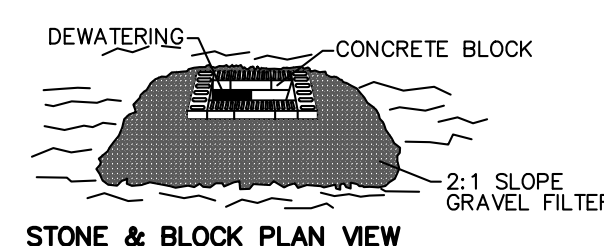


TOE-IN METHOD

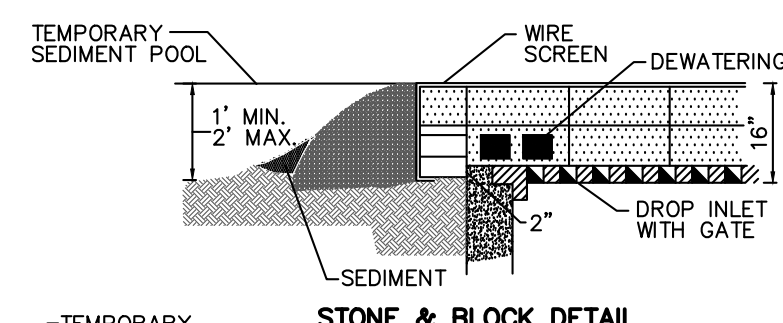
JOINING SECTIONS OF FENCING

- 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.

STONE & BLOCK DROP INLET PROTECTION



STONE & BLOCK PLAN VIEW



STONE & BLOCK DETAIL

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.

PROJECT:
PROPOSED DINGLE-FAMILY RESIDENCE
39 RIVERSIDE PLACE
VILLAGE OF DOBBS FERRY
WESTCHESTER COUNTY - NEW YORK

DETAILS

HUDSON
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Elmsford, New York 10523
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C-3