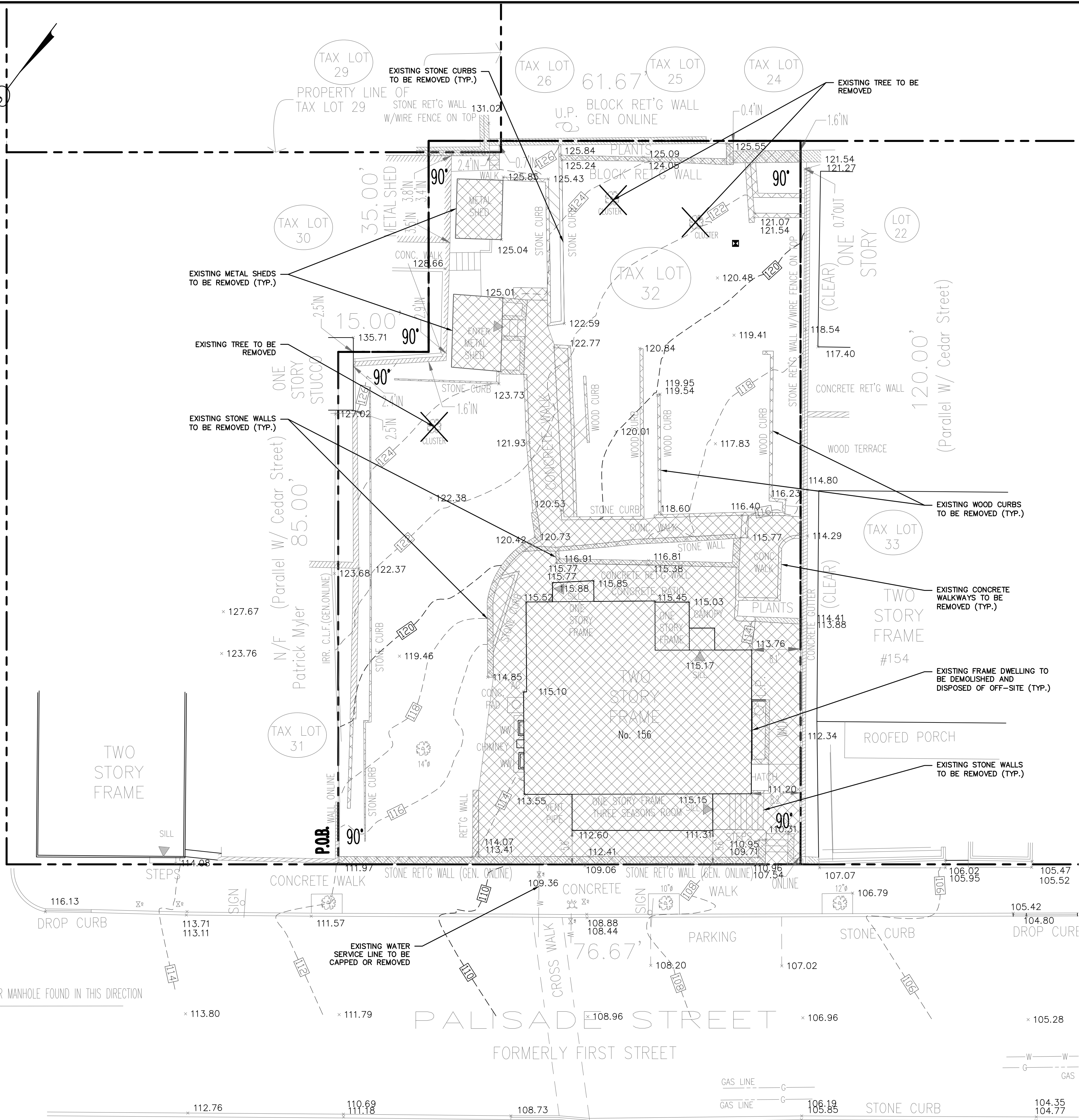


CEDAR STREET

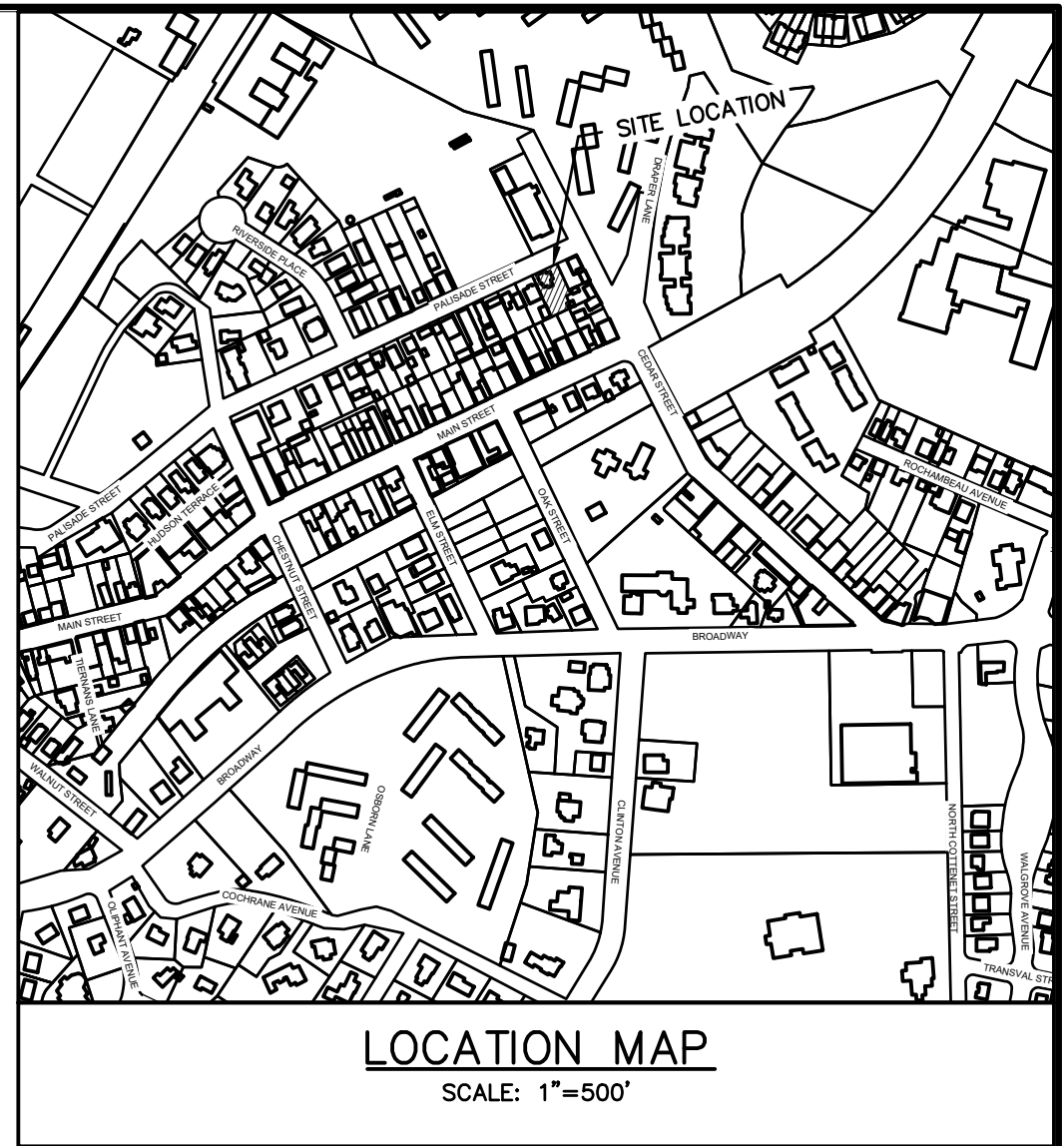
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NO SEWER MANHOLE FOUND IN THIS DIRECTION



### LEGEND

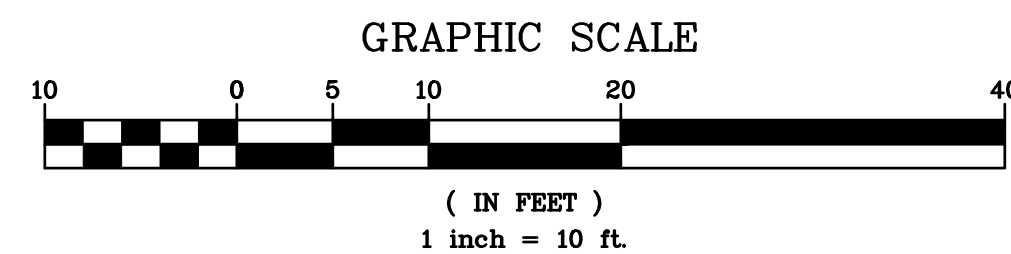
- PROPERTY LINE  
PROPOSED TREE REMOVAL  
PROPOSED DEMO



### 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.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.

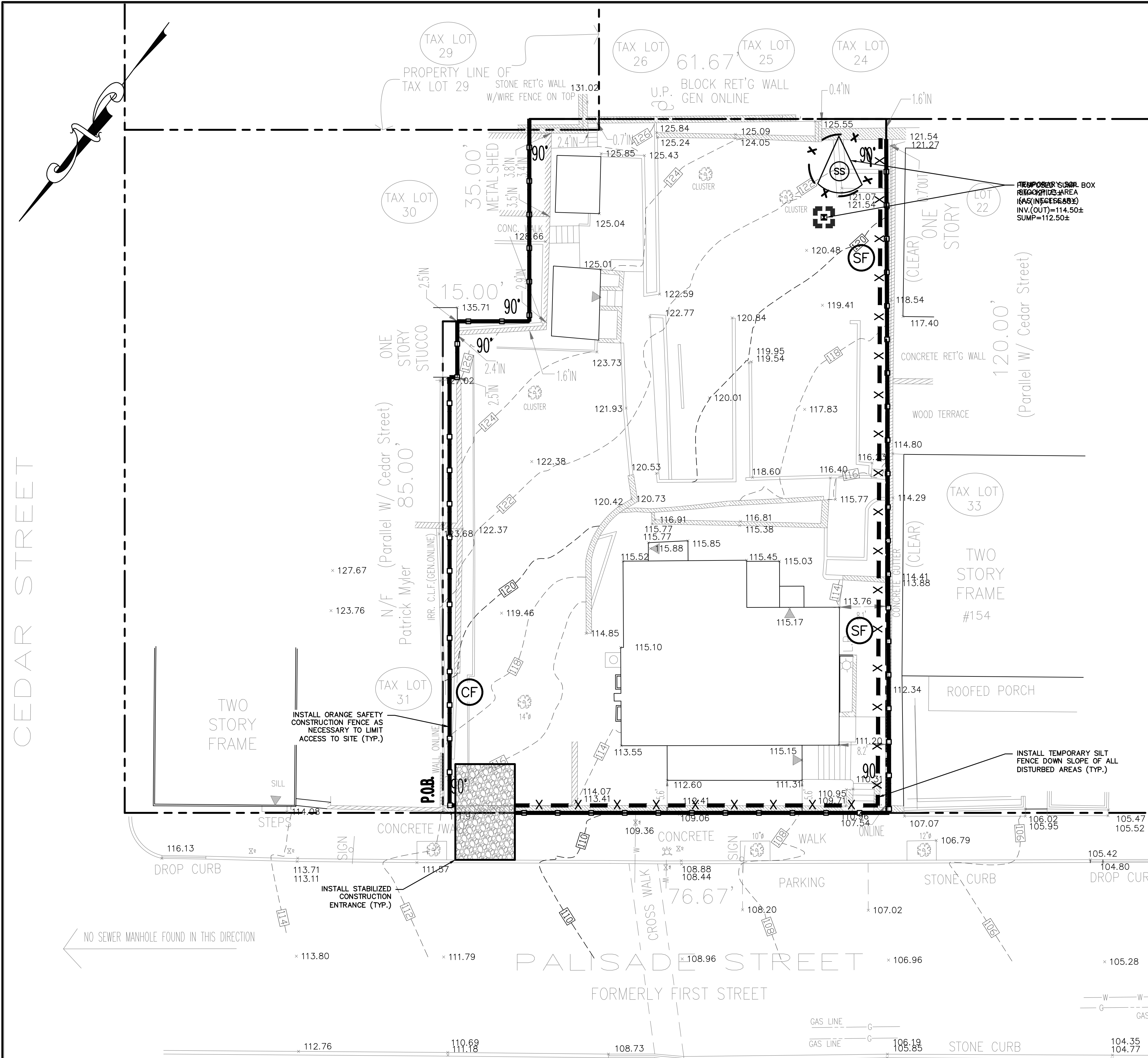
156 PALISADE AVENUE EXISTING CONDITIONS & DEMO PLAN BASED UPON EXISTING INFORMATION PROVIDED BY SUMMIT LAND SURVEYING, P.C., DATED MAY 4, 2019.



No.	Description	Date	PROJECT:
			PROPOSED MULTI-FAMILY DWELLING 156 PALISADE AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK
			EXISTING CONDITIONS & DEMO PLAN
			<b>HEC</b> HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2021
THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE			State of New York Michael J. Stern No. 00687 LICENSED PROFESSIONAL ENGINEER
Date: 09/29/21 Sheet: 1 Scale: 1" = 10' Designed By: N.S. Checked By: M.S. Sheet No. 4			C-1



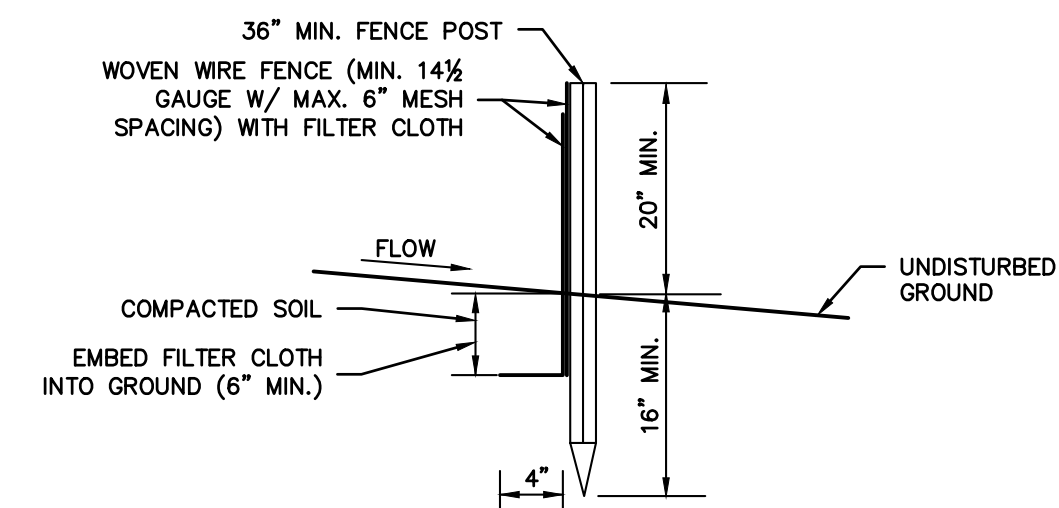
CEDAR STREET



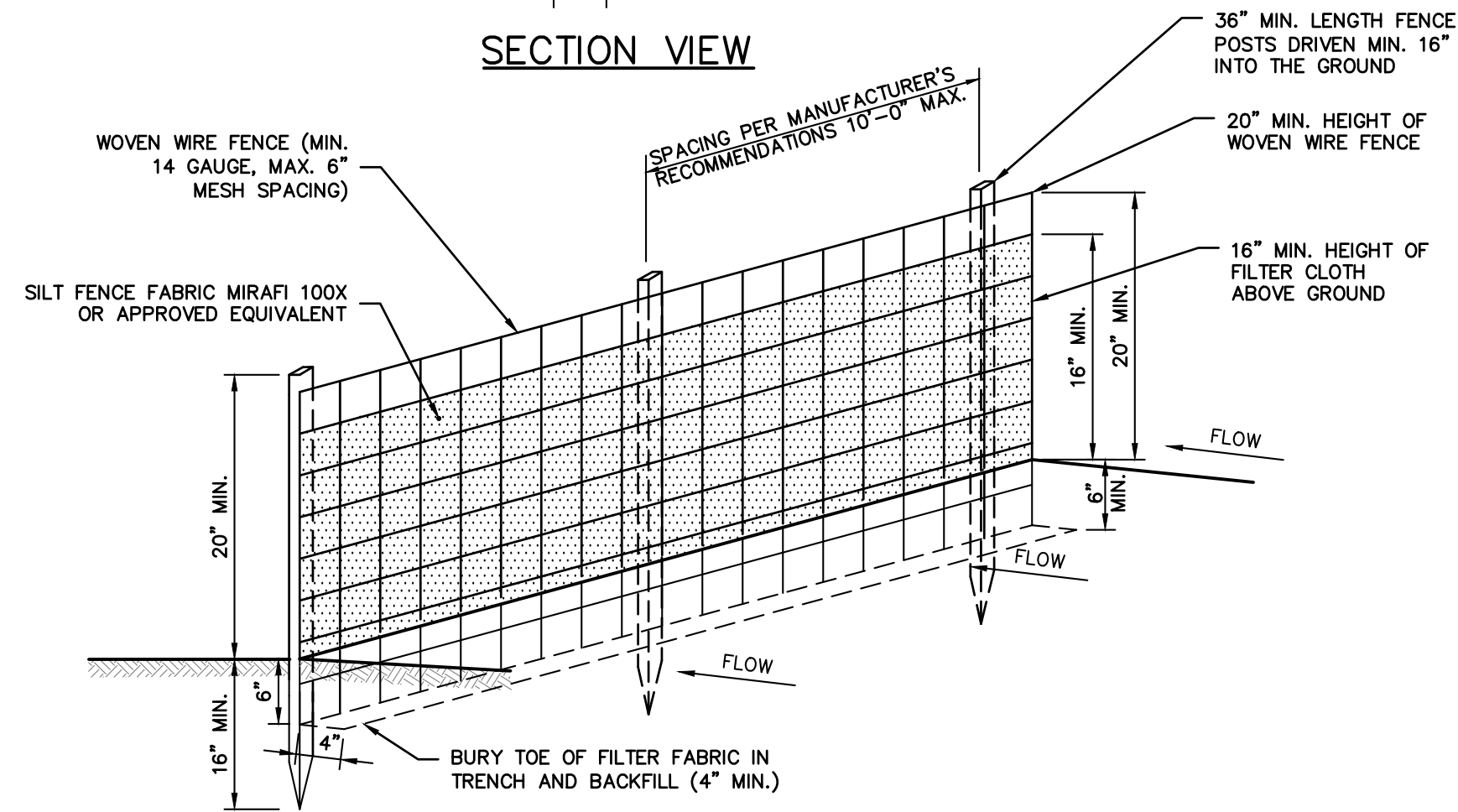
## LEGEND

- PROPERTY LINE
- TEMPORARY SILT FENCE
- TEMPORARY CONSTRUCTION FENCE
- TEMPORARY SOIL STOCKPILE AREA

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.



SECTION VIEW

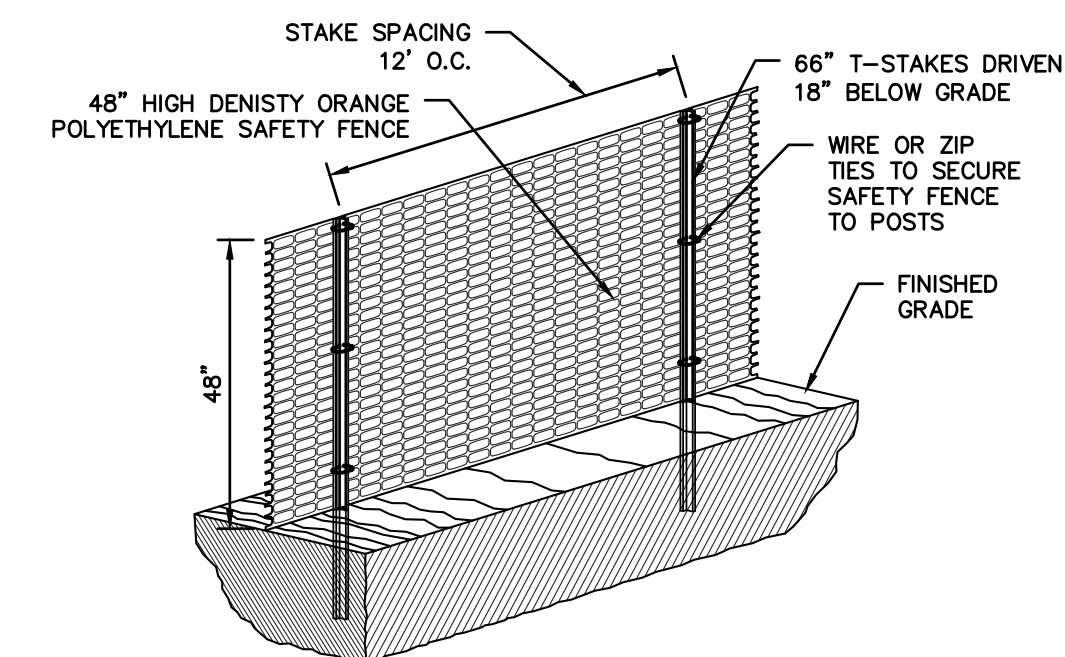


PERSPECTIVE VIEW

### NOTES:

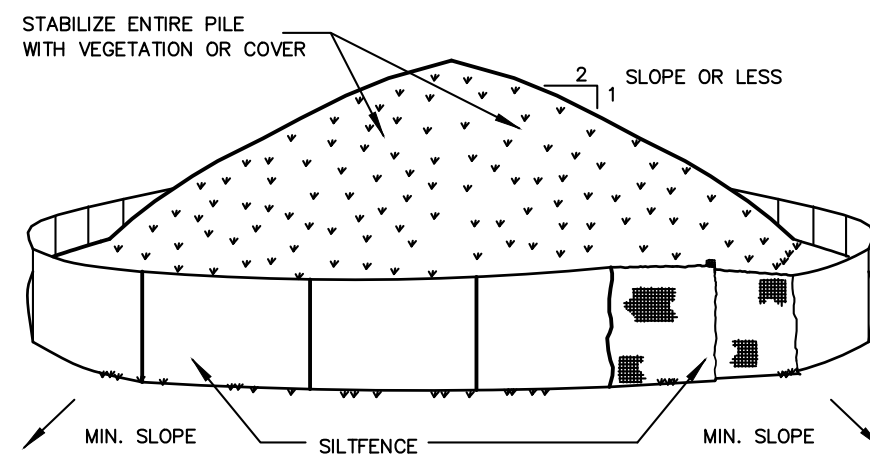
- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER 'T' OR 'U' TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOTEX, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS.
- SILT FENCE SHALL NOT BE USED IN DRAINAGE WAYS.

## REINFORCED SILT FENCE



CONSTRUCTION FENCE

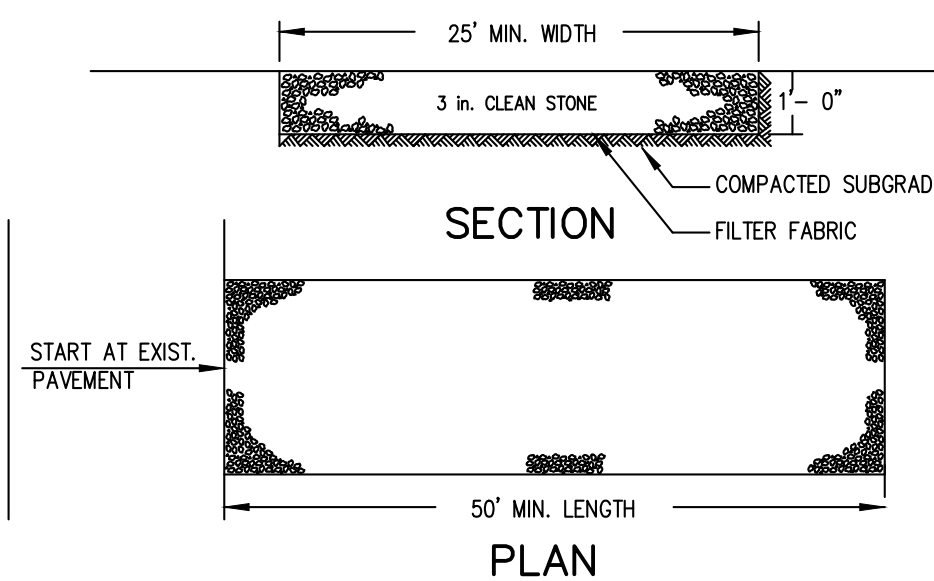
## SOIL STOCKPILING



INSTALLATION NOTES

- 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 COVERED.
  - STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDDED 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, ESTABLISHMENT.
- 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.

## 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 SEEDDED. HAND RAKE LEVEL.  
BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDDED. 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.

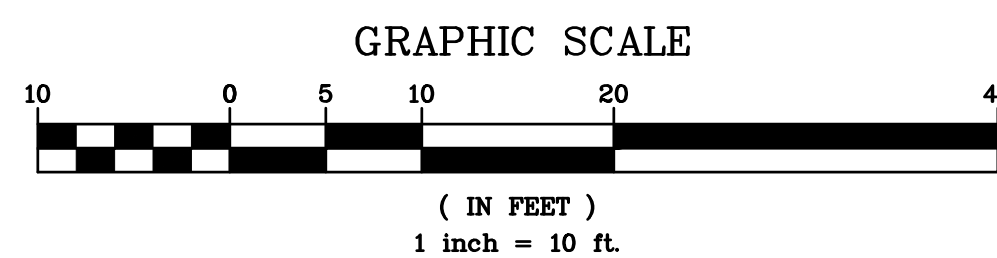
INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING

GRASS ESTABLISHED.  
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL INSPECTION

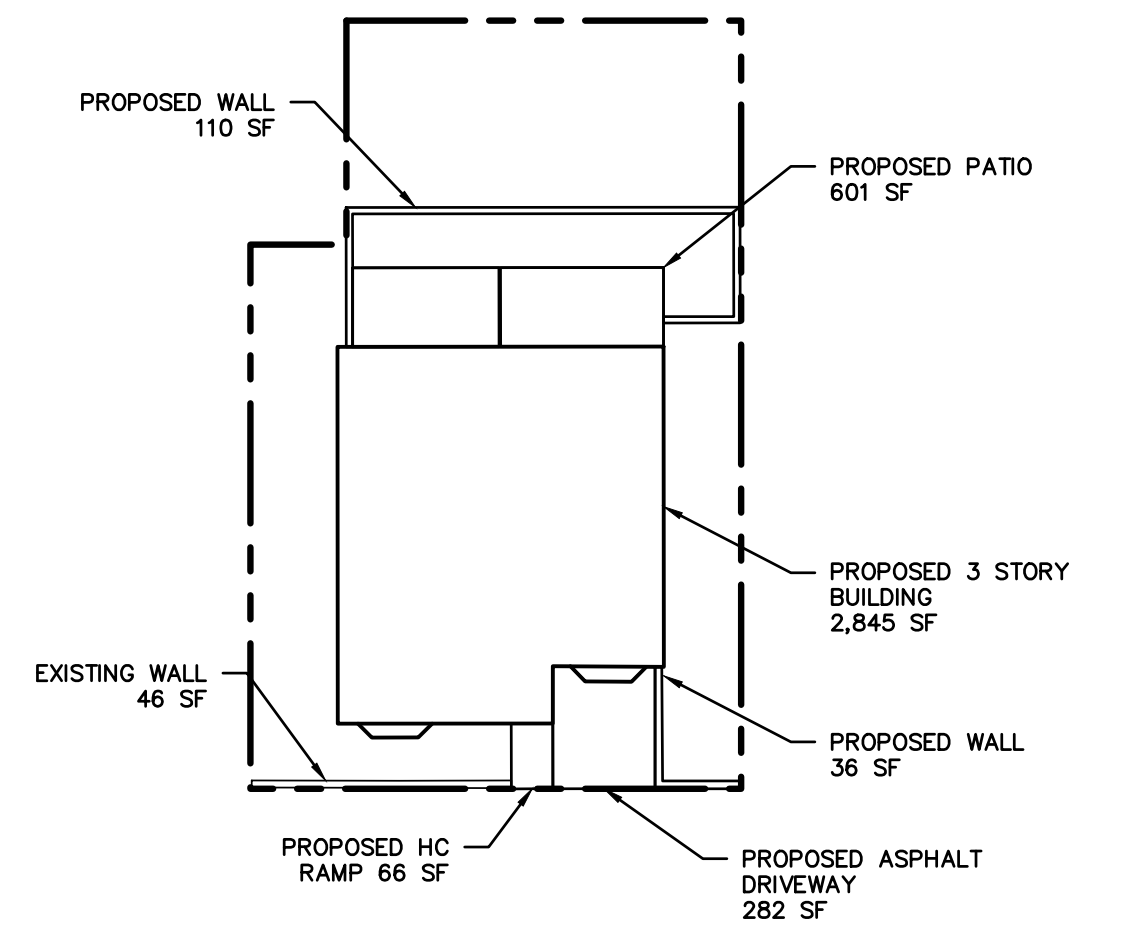
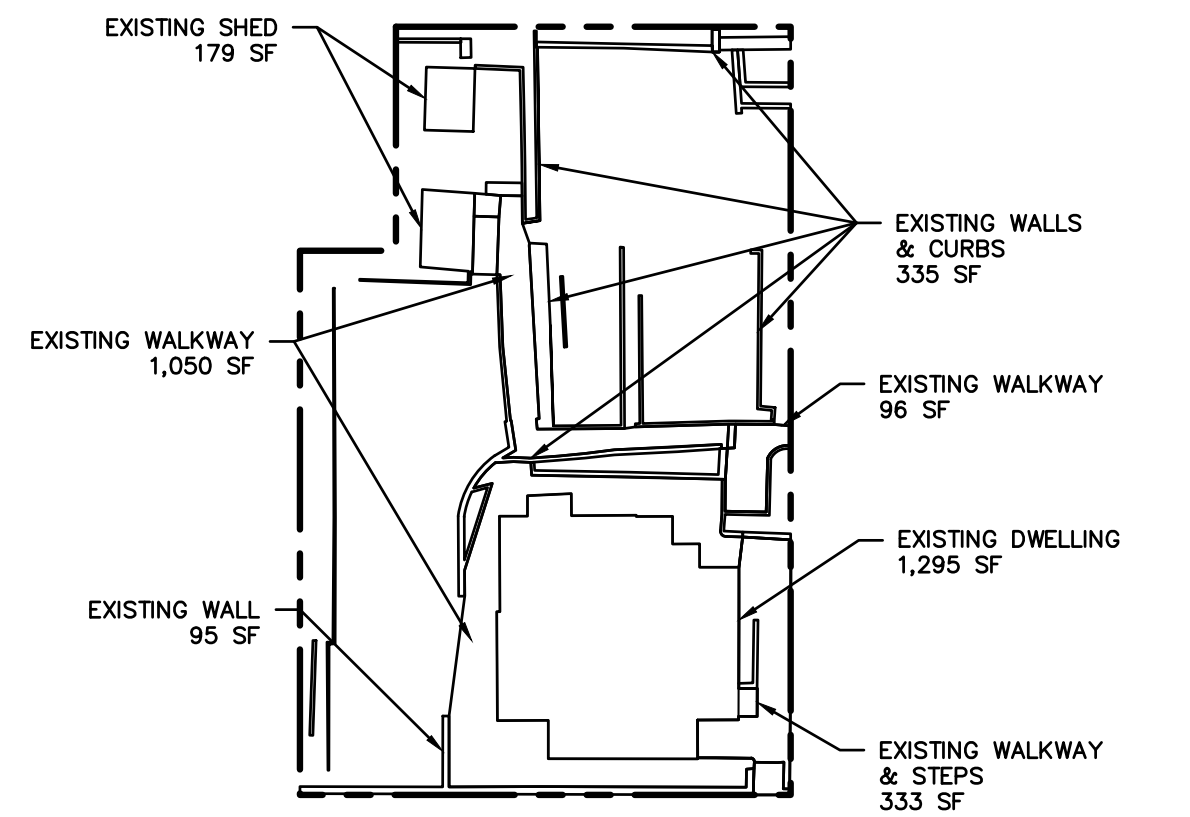
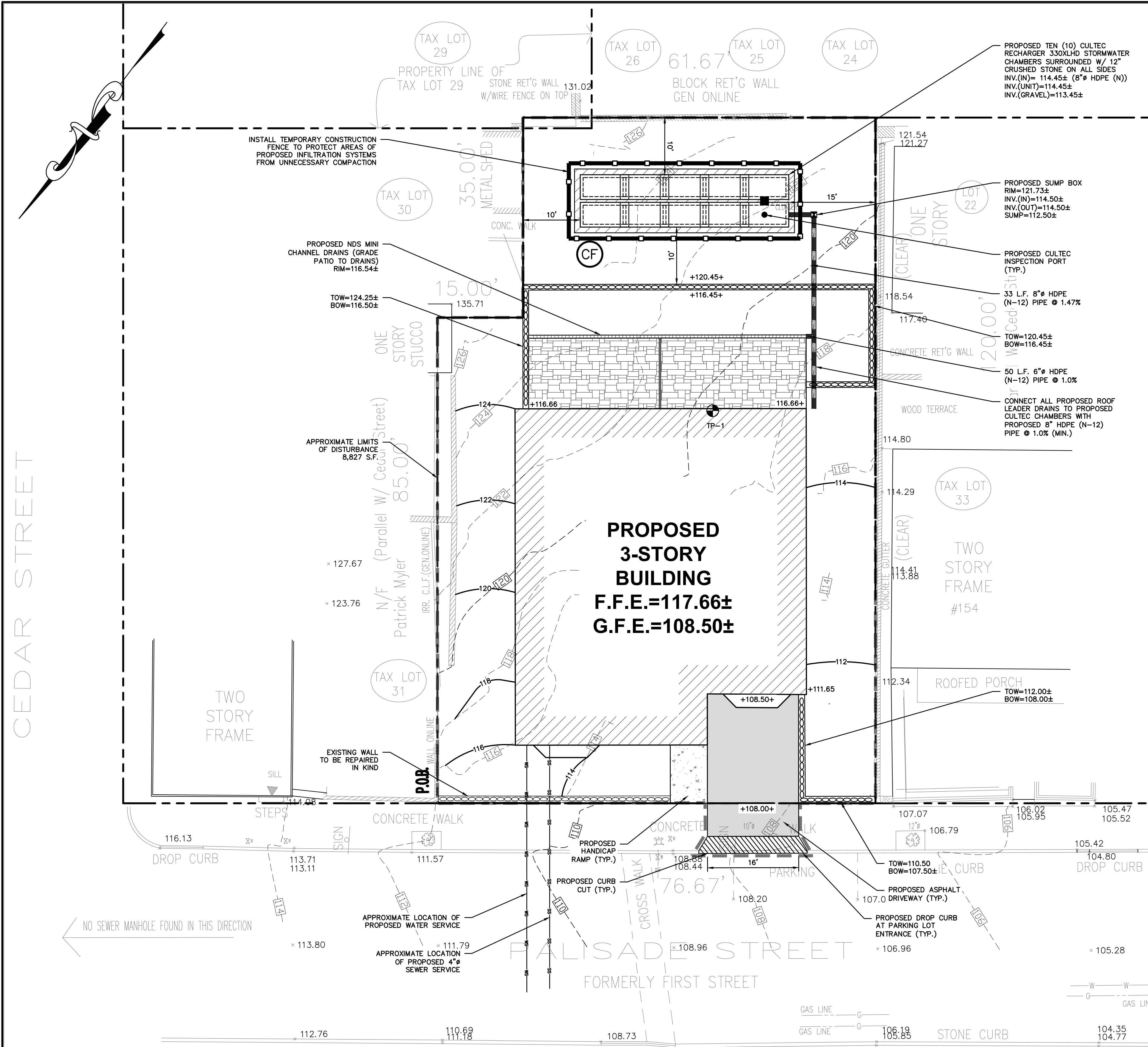
ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED.  
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

156 PALISADE AVENUE EROSION & SEDIMENT CONTROL PLAN BASED UPON EXISTING INFORMATION PROVIDED BY SUMMIT LAND SURVEYING, P.C., DATED MAY 4, 2019.

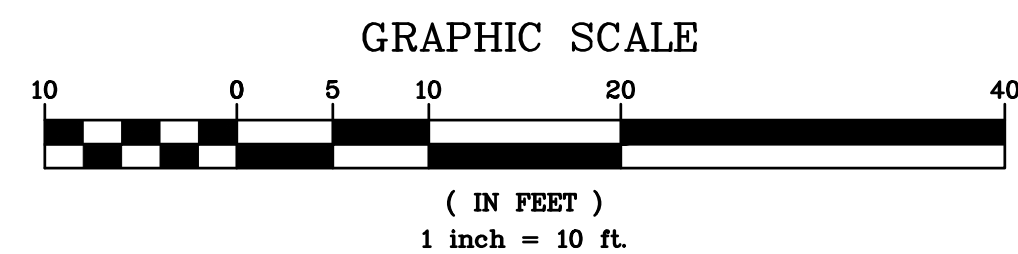


PROJECT:	PROPOSED MULTI-FAMILY DWELLING 156 PALISADE AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK
EROSION & SEDIMENT CONTROL PLAN	
HEC	HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2021
State of New York MICHAEL J. STERN LICENSED PROFESSIONAL ENGINEER No. 00857	Date: 09/29/21 Sheet: 2 Scale: 1" = 10' Designed By: N.S. Checked By: M.S. Sheet No. 4 C-2





156 PALISADE AVENUE STORMWATER  
MANAGEMENT PLAN BASED UPON  
EXISTING INFORMATION PROVIDED BY  
SUMMIT LAND SURVEYING, P.C., DATED  
MAY 4, 2019.



No.	Description	Date
	Revisions	

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:  
**PROPOSED MULTI-FAMILY DWELLING**  
**156 PALISADE AVENUE**  
**VILLAGE OF DOBBS FERRY**  
**WESTCHESTER COUNTY - NEW YORK**

**STORMWATER MANAGEMENT PLAN**

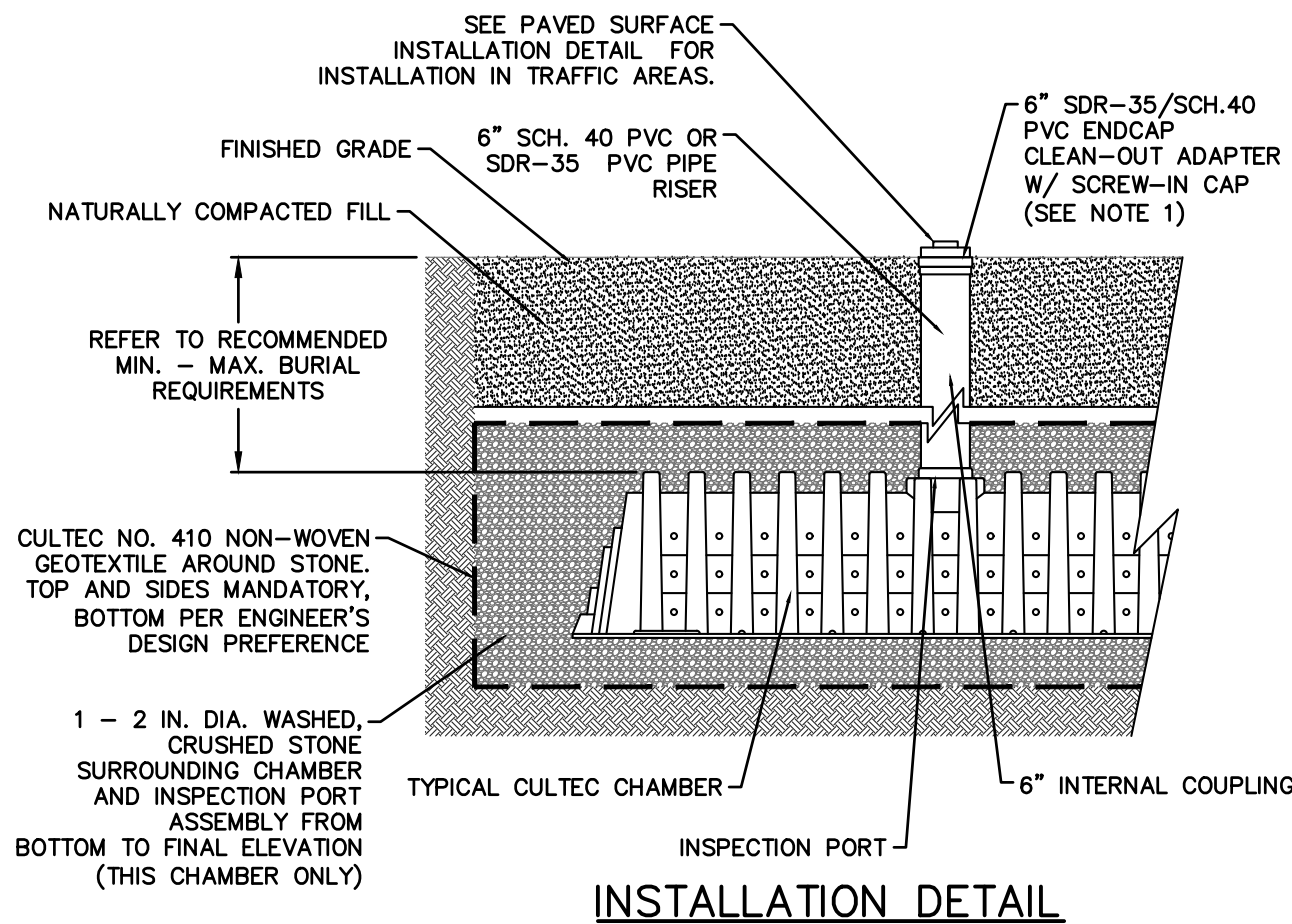
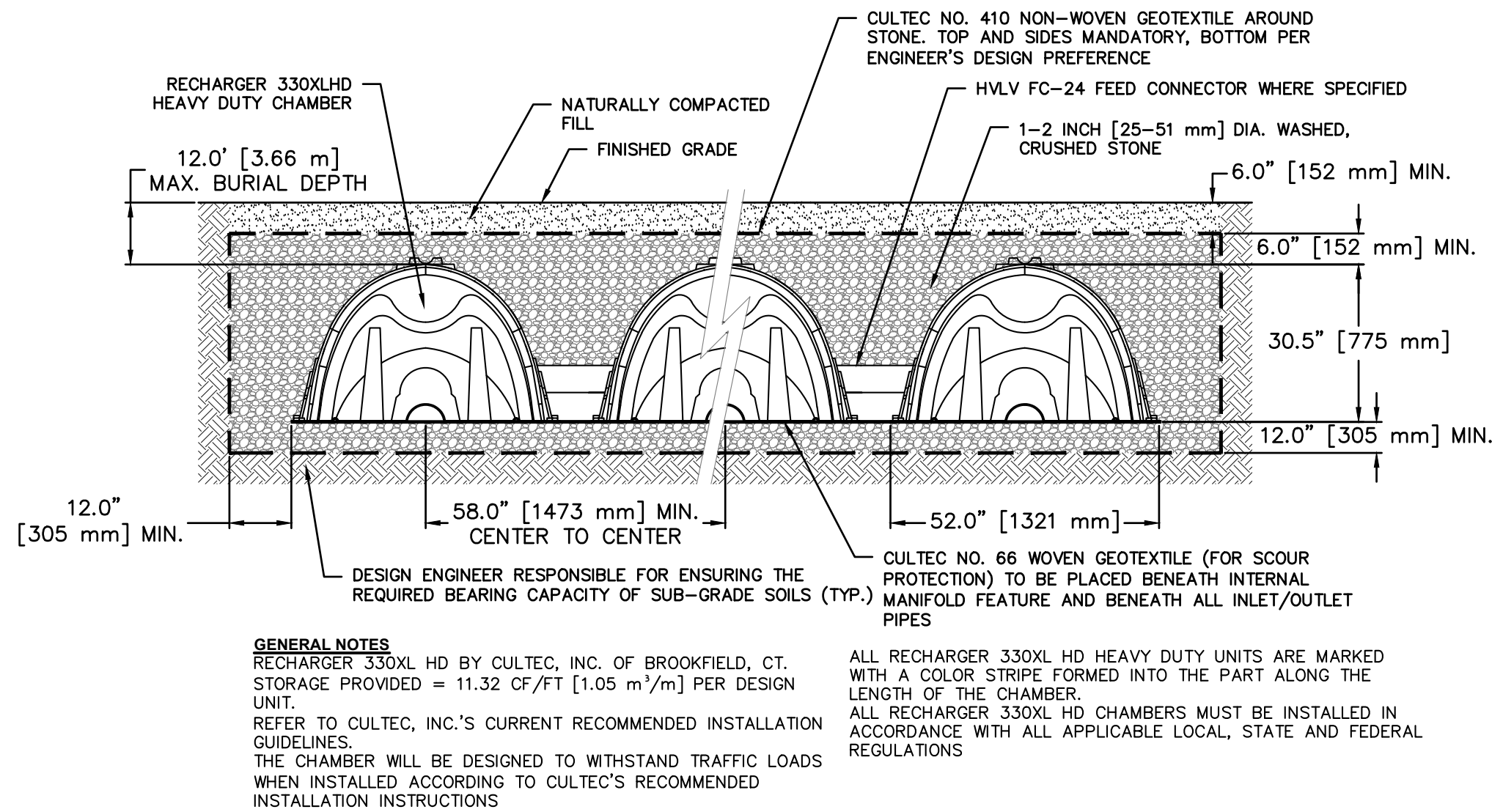
**HEC**  
ENGINEERING & CONSULTING, P.C.  
45 Knollwood Road, Suite 201  
Elmsford, New York 10523  
T: 914-908-0420  
F: 914-560-2086  
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State of New York  
Michael F. Stern  
No. 00637  
LICENSED PROFESSIONAL ENGINEER

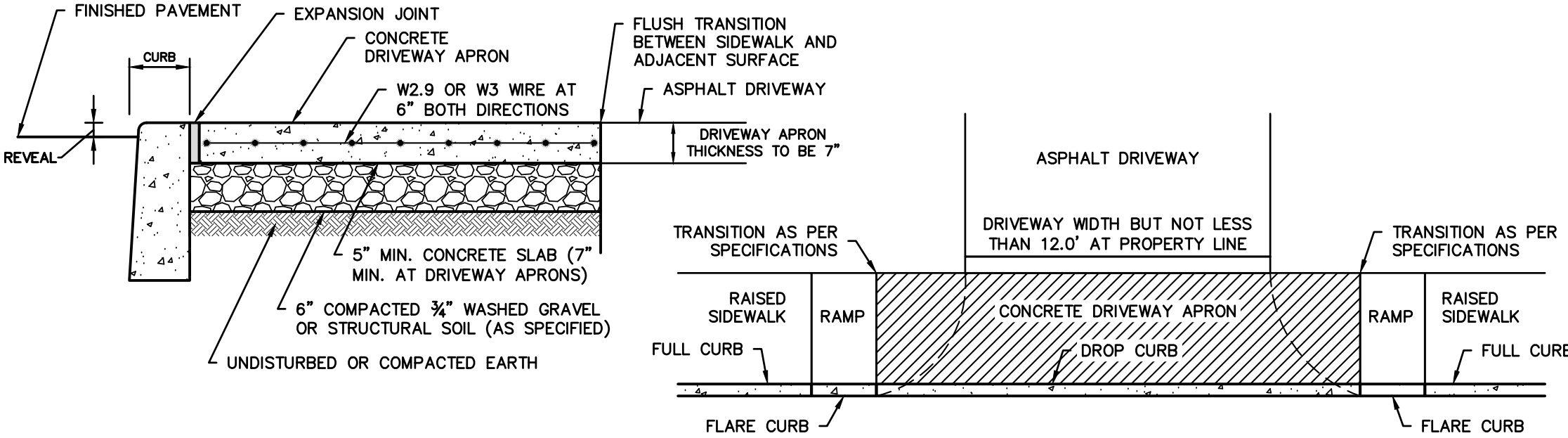
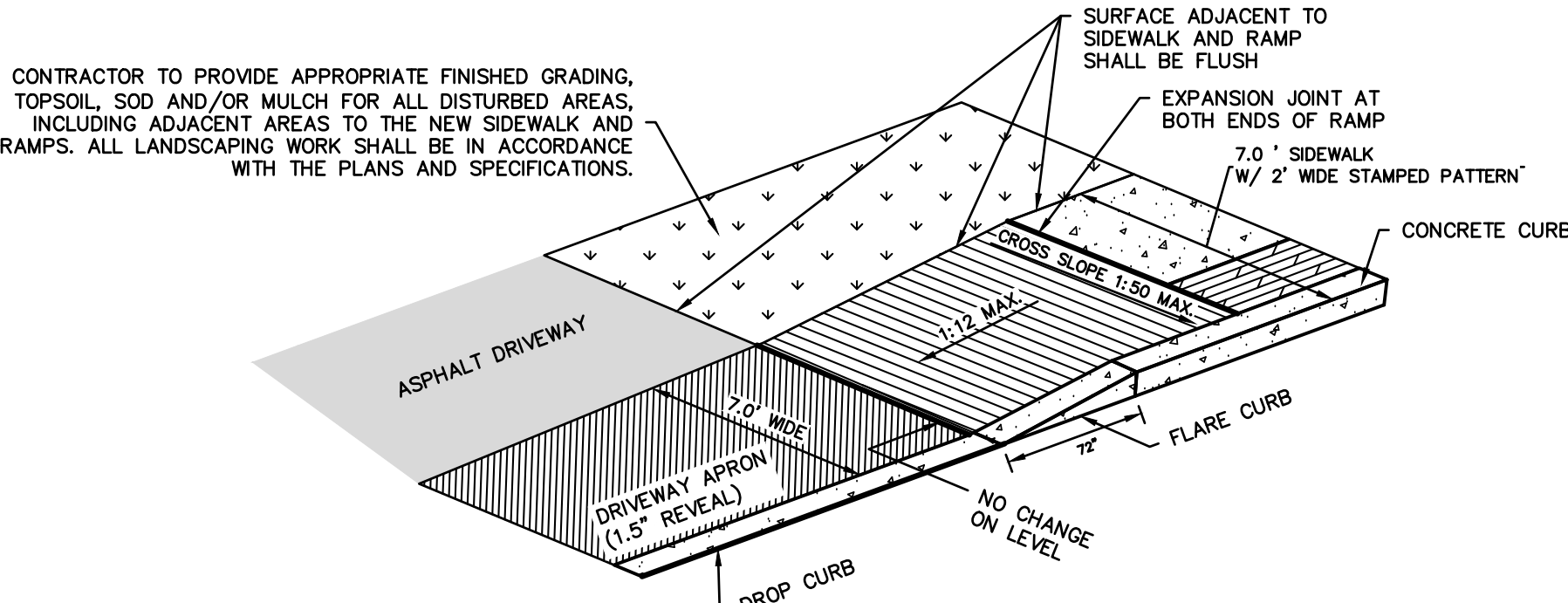
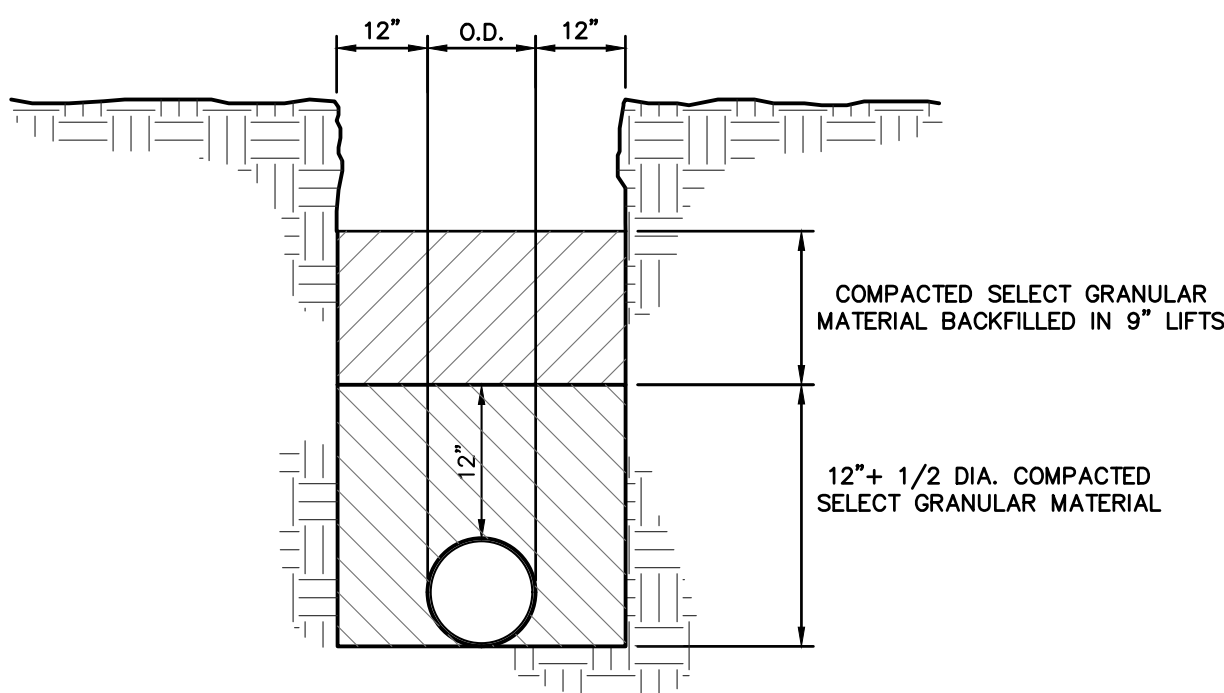
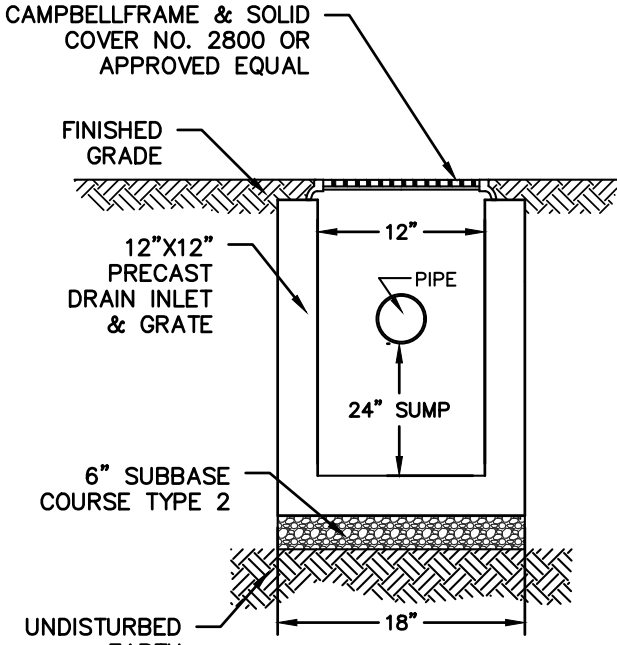
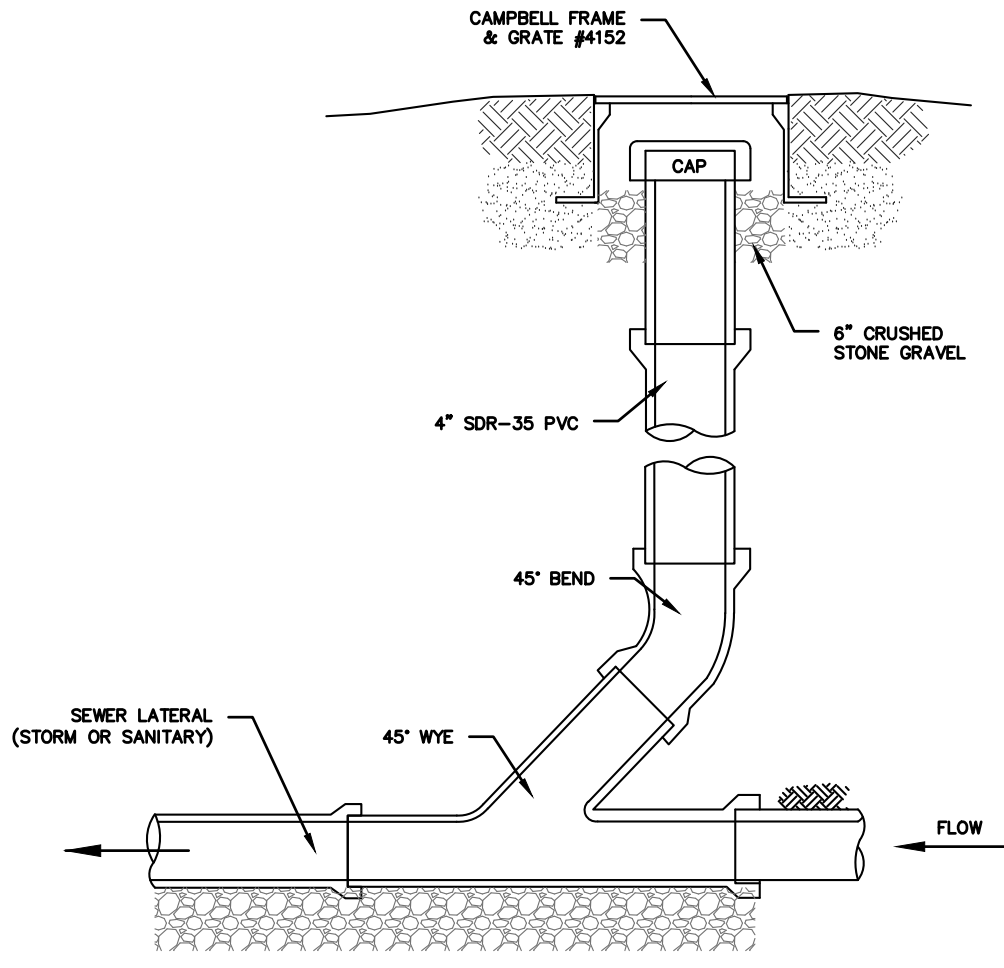
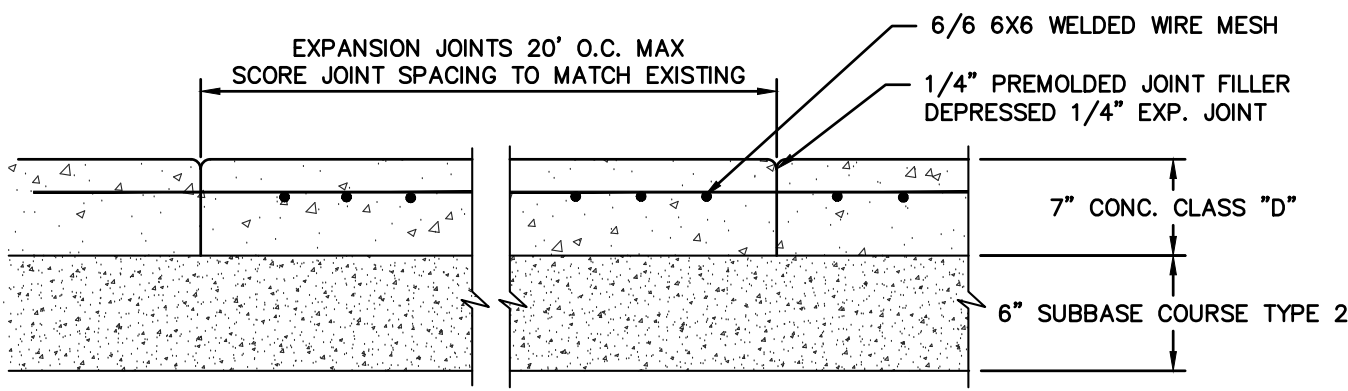
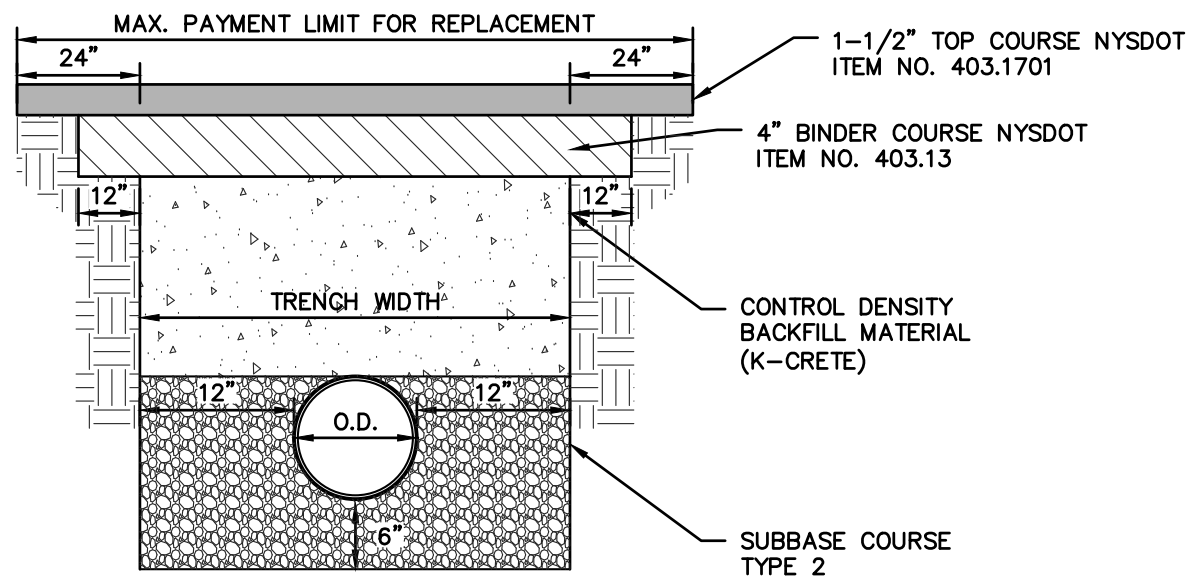
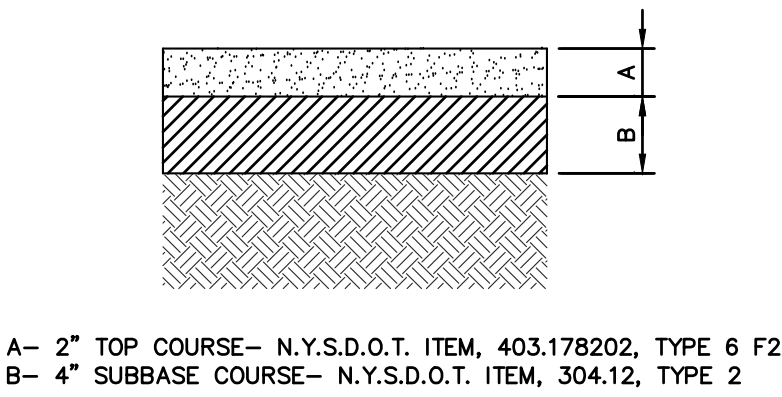
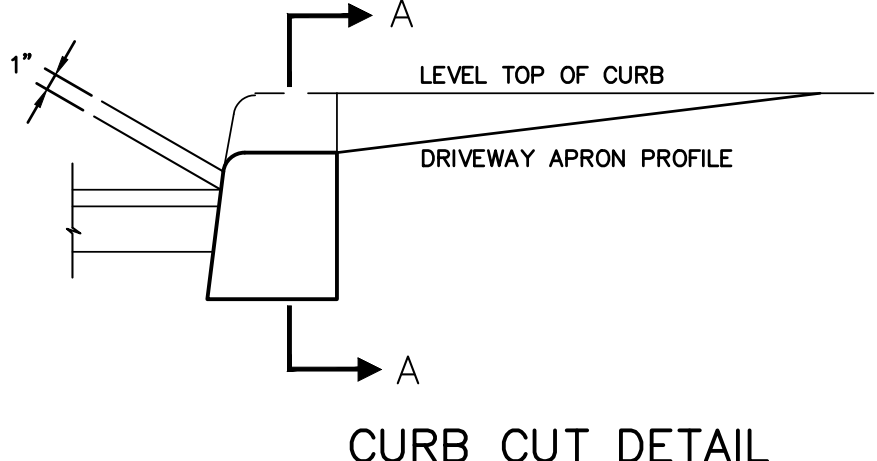
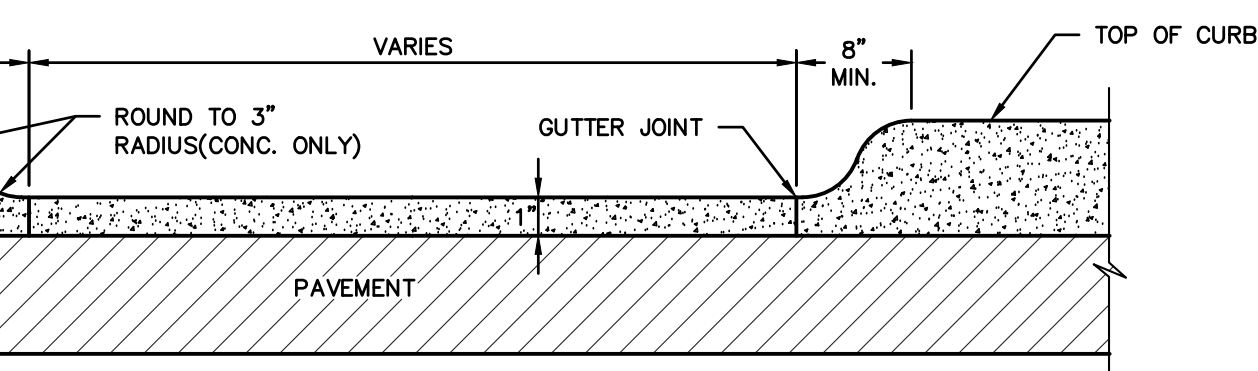
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Checked By: M.S.  
Sheet No. 4

**C-3**





- 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.



- RAMP CONSTRUCTION NOTES:**
1. ALL RAMPS AND SIDEWALK SPECIFICATIONS TO BE IN ACCORDANCE WITH NYS BUILDING CODE, LOCAL CODES, AND TO COMPLY WITH A.D.A CODE REGULATIONS.
  2. MAXIMUM SLOPE OF RAMPS NOT TO EXCEED 1:12 AND 1:50 CROSS SLOPE.
  3. CONTRACTOR TO PROVIDE A STABLE, FIRM, SLIP RESISTANT SURFACE, FREE OF PONDING AND ICE CORNERS.
  4. IF A LANDING HAS TO BE INCORPORATED IN RAMPS THE MAXIMUM VERTICAL RISE BETWEEN A LANDING OR RESTING SPACE SHALL NOT BE GREATER THAN 30 INCHES.
  5. ALL CONCRETE REQUIRED FOR THE NEW CONCRETE CURBS AND SIDEWALKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF FC = 4,000 PSI AT 28 DAYS.
  6. CONCRETE SIDEWALK THICKNESS SHALL BE 5" TYPICAL AND 7" THICK AT DRIVEWAYS
  7. ALL STEEL REINFORCING SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.
  8. WIRE FABRIC REINFORCEMENT FOR THE CONCRETE SIDEWALK SHALL CONFORM TO THE REQUIREMENTS OF ASTM 1855 AND SHALL BE A MINIMUM 6"x6".
  9. PREMOULDED BITUMINOUS JOINT FILLER SHALL BE IN ACCORDANCE WITH APPLICABLE SUBSECTIONS OF NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATION SECTION 705-07. THE JOINT FILLER SHALL CONFORM TO ASTM D1751 AND BE MIN. 3/8" THICK BY FULL DEPTH OF THE CONCRETE SIDEWALK PLACED AT MAX. 20' O.C.
  10. THE CONTRACTOR SHALL APPLY (2) TWO COATS OF ANTI-SPLALLING COMPOUND TO THE NEW CONCRETE SIDEWALK AND CURBS. AT THE CONTRACTOR'S OPTION, ONE OF THE FOLLOWING DESCRIBED COMPOUNDS OR APPROVED EQUAL SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS:
    - 10.a. SILICONE ANTI-SPLALLING COMPOUND - AN UNDILUTED MATERIAL CONSISTING OF A COLORED SODIUM METHYL SILICONATE MEETING THE FOLLOWING SPECIFICATIONS:
      - 10.a.1. TOTAL SOLIDS 28% MINIMUM
      - 10.a.2. NAZO NOT LESS THAN 9%, NOT MORE THAN 10.5%
      - 10.a.3. SILICONE SOLIDS NOT LESS THAN 19.5%, NOT MORE THAN 21%
      - 10.a.4. COLOR NOT LIGHTER THAN G.E. (SC-50)(PHENOLPHALEIN) NO. 81565
    - 10.b. DUROK SHIELD - AS MANUFACTURED BY: DUROK BUILDING MATERIALS, INC. HASTINGS-ON-HUDSON, NEW YORK
    - 11. SIKAGARD CURE/HARD - AS MANUFACTURED BY: SIKI CHEMICAL CORP., LYNHURST, NEW JERSEY

PROJECT:		PROPOSED MULTI-FAMILY DWELLING 156 PALISADE AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK	
DETAILS		DATE: 09/29/21 SCALE: N.T.S. DESIGNED BY: M.S. CHECKED BY: M.S. SHEET NO. 4	
HEC		HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2021	

STATE OF NEW YORK  
MICHAEL J. STERN  
No. 00687  
LICENSED PROFESSIONAL ENGINEER

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