

PROPOSED

250

245

0+00

GRADE

PROPOSED ·

- SELECT GRANULAR

WELL DRAINED BACKFILL 275

- PROPOSED GRADE

EXISTING -

DWELLING

APPROXIMATE LOCATION

OF EXISTING CAST IRON

0 + 46

_NDS MODEL 50 6" GRATE OR EQUAL

6" INTERNAL COUPLING

SEWER SERVICE

- SAND BED

RAILROAD TIE WALL

FILTER FABRIC

— 6"X6" RAILROAD

PROFILE STA. 0+00 TO STA. 0+46

HORIZONTAL SCALE: 1" = 10'

VERTICAL SCALE: 1" = 10'

6" SCH. 40 PVC OR ¬

SDR-35 PVC PIPE

TYPICAL CULTEC CHAMBER

INSPECTION PORT-

CULTEC ACCESS PORT

FINISHED GRADE -

REFER TO RECOMMENDED

REQUIREMENTS

BOTTOM PER ENGINEER'S

1 - 2 IN. DIA. WASHED, -

SURROUNDING CHAMBER

AND INSPECTION PORT ASSEMBLY FROM

(THIS CHAMBER ONLY)

DESIGN PREFERENCE

CRUSHED STONE

MIN. - MAX. BURIAL

STABILIZE ENTIRE PILE WITH VEGETATION OR COVER SLOPE OR LESS MIN. SLOPE INSTALLATION NOTES INSTALLATION NOTES:

SOIL STOCKPILING

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 SETRACKS FROM TEMPORARY DRAINAGE SWALES. 3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. I. 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.

6"x6" RAILROAD

PREPARED

SUBGRADE

TIE DEAD-MEN (TYP.)

34" LAG BOLT WITH NUT-

FIRST COURSE BEGINS_

1 1/2" CAMBER

6"x6" RAILROAD

Name

Totals

SAND BE

MAJOR SPLITS OR DEFECTS.

Cut/Fill Summary

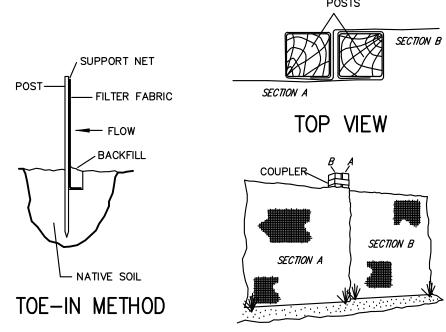
Cut

CUT & FILL 3.94 Cu. Yd. 122.07 Cu. Yd.

MIN. 3 DEAD-MEN STAGGERED

TYPICAL SIDE VIEW

ONE TIE BELOW GRADE



INSTALLATION NOTES:

6"x6" RAILROAD

√%"øx10" SPIKES

WELL DRAINED BACKFILL

SELECT GRANULAR

FILTER FABRIC T

-ENCAPSULATE THE

GRANULAR BACKFIL

OR 1" STONE

RAILROAD TIE RETAINING WALL

NOT TO SCALE

3.) ALL RAILROAD TIES SHALL BE SOUND, UNWARPED WITH SQUARED ENDS AND EDGES AND WITHOUT

5.) FASTENERS SHALL BE STANDARD 10" R.R. SPIKES OR \(\frac{8}{8} \) x24" STEEL RODS IN DRILLED HOLES. THE

BÓTTOM COURSE SHALL BE ANCHORED WITH TWO (2) 30" STEEL RODS DRIVEN INTO THE GROUND FOR

Net

3.94 Cu. Yd. 122.07 Cu. Yd. 118.13 Cu. Yd. <Fill>

118.13 Cu. Yd.<Fill>

2.) ALL RAILROAD TIE RETAINING WALL SHALL BE CONSRUCTED WITH NEW TIMBERS.

6.) OVERLAPPING JOINTS SHALL BE PROPERLY SPIKED OR TIED TO MEMBER BELOW.

Fill

4.) ALL CORNER CONSTRUCTION SHALL BE DOVE TAILED WITH ENDS CUT FOR A GOOD FIT.

.) ALL WOOD TO BE TREATED IN ACCORDANCE WITH AMERICAN WOOD-PRESERVERS ASOCIATION C2 OR C9.

SILT FENCE

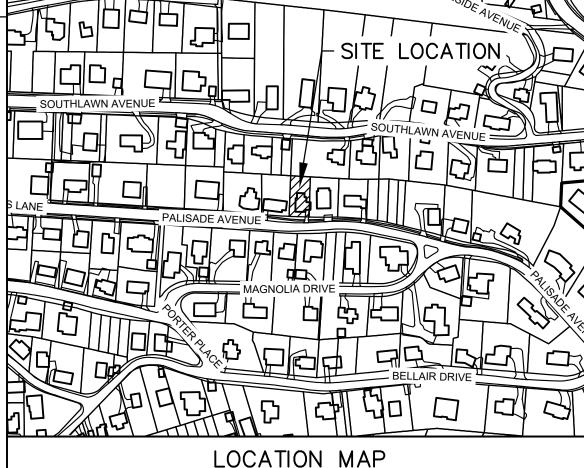
JOINING SECTIONS OF FENCING

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 5. JOIN SECTIONS AS SHOWN ABOVE.

1" WEEP SPACE

END VIEW DEAD-MEN

ANCHOR TIES



LOCATION MAP SCALE: 1"=250'

GENERAL NOTES:

- 1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE
- 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 ACI, AISC, 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. 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 CONTACT WITH THE
- 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. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE AL 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, 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
- 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.

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

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

CONTRACT

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.

APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY — FINAL GRADING REMOVE UNNEEDED SUBGRADE FROM SITE. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING

INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE

INSPECTION BY MUNICIPALITY - LANDSCAPING

SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEEDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE

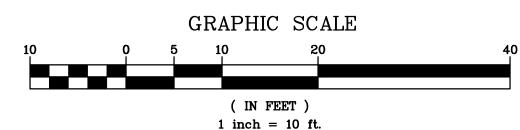
MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH. INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING

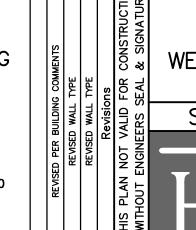
GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL INSPECTION

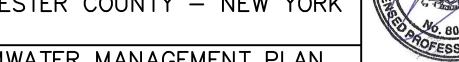
ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

253 PALISADE AVENUE STORMWATER MANAGEMENT PLAN BASED UPON EXISTING INFORMATION PROVIDED BY SUMMIT LAND



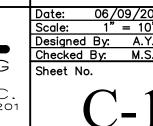


PROPOSED SITE IMPROVEMENTS 253 PALISADE AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK









SURVEYING, DATED APRIL 21, 2020