

TEST HOLE DATA:

TEST HOLE #1

DEPTH - 98"

0-6" TOPSOIL

NO GROUNDWATER

NO LEDGE ROCK

6-36" FINE BROWN SANDY LOAM

*(30 INCHES/HOUR UTILIZED IN DESIGN)

PERC. = 160 INCHES/HOUR

36-98" MIXED SANDS W/ SMALL ROCKS

<u>SITE NOTES:</u>

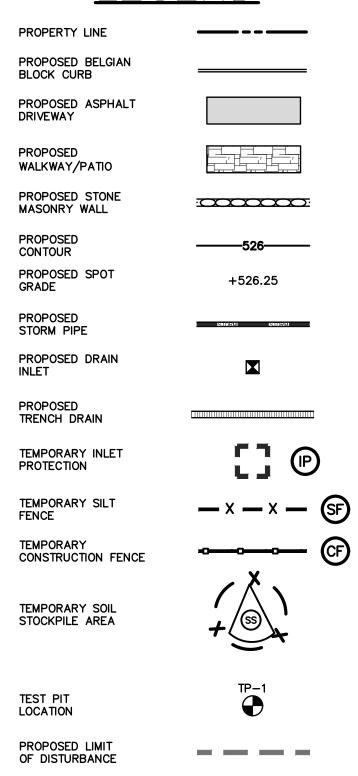
- . SHOULD ROCK BLASTING BE REQUIRED, A PERMIT APPLICATION IN ACCORDANCE WITH CHAPTER 125 - BLASTING OF THE DOBBS DERRY VILLAGE CODE MUST BE SUBMITTED TO THE VILLAGE BY THE APPLICANT FOR REVIEW/APPROVAL
- 2. THE VILLAGE ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES IF DEEMED APPROPRIATE TO MITIGATE UNFORESEEN SILTATION AND EROSION OF DISTURBED SOILS. 3. AS-BUILT PLANS OF THE PROPOSED DRAINAGE IMPROVEMENTS SHALL
- BE SUBMITTED TO THE VILLAGE ENGINEER FOR REVIEW PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY. 4. 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. 5. "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
- 6. 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. 6.1. START OF CONSTRUCTION.
 - 6.2. INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES.
 - 6.3. COMPLETION OF SITE CLEARING.
 - 6.4. COMPLETION OF ROUGH GRADING. 6.5. INSTALLATION OF SMP'S.

SATISFACTORY TO THE VILLAGE ATTORNEY".

- 6.6. COMPLETION OF FINAL GRADING AND STABILIZATION OF DISTURBED AREAS. 6.7. CLOSURE OF CONSTRUCTION.
- 6.8. COMPLETION OF FINAL LANDSCAPING; AND 6.9. SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS 7. A STREET OPENING PERMIT SHALL BE OBTAINED FOR ALL WORK
- WITHIN THE RIGHT-OF-WAY. 8. NO STOCKPILE SHALL BE STORED ON-SITE. ALL MATERIALS SHALL BE CARTED OFF-SITE AFTER USE.

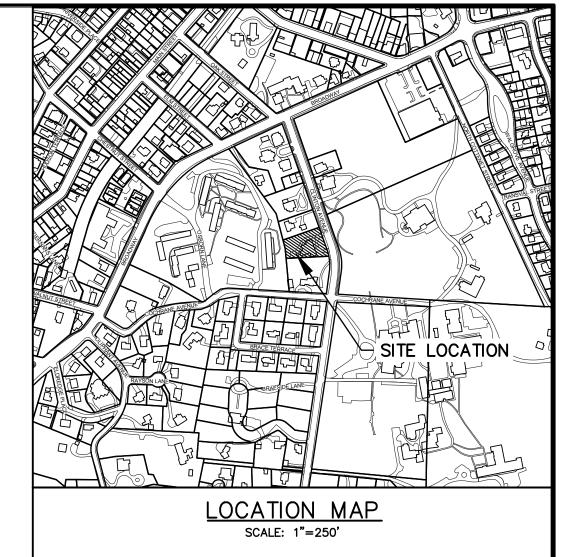


LEGEND



CONSTRUCTION SEQUENCING:

- THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:
- 1. INSTALL TREE PROTECTION ON TREES AS NOTED ON PLANS. 2. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
- 3. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE
- 4. REMOVE TREES WHERE NECESSARY (CLEAR & GRUB) FOR THE PROPOSED CONSTRUCTION.
- 5. 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 TARPAULIN(S) NOVEMBER 1ST THROUGH APRIL 30TH. INSTALL SILT FENCE AROUND TOE OF SLOPE.
- 6. INSTALL ADDITIONAL SILT FENCING AS NECESSARY.
- 7. DEMO EXISTING FEATURE TO BE REMOVED.
- 8. EXCAVATE AND CONSTRUCT SUBSURFACE EXFILTRATION CHAMBERS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- 10. ROUGH GRADE DRIVEWAY AND INSTALL TRENCH DRAIN AND CATCH BASINS AS WELL AS ALL ASSOCIATED ONSITE PIPING.
- 11. EXCAVATE AND CONSTRUCT FOUNDATION FOR PROPOSED GARAGE AND ADDITION. 12. CONSTRUCT BUILDING. INSTALL AND CONNECT ALL ROOF DRAIN LEADERS TO PREVIOUSLY
- INSTALLED EXFILTRATION CHAMBERS. 13. INSTALL CURBING, AND SUB-BASE COURSES. FINE GRADE AND SEED ALL DISTURBED
- AREAS. SPREAD SALT HAY OVER SEEDED AREAS.
- 14. INSTALL BITUMINOUS CONCRETE TOP COURSE. 15. CLEAN PAVEMENT, DRAIN LINES, CATCH BASINS, TRENCH DRAIN AND SUBSURFACE
- EXFILTRATION CHAMBERS.
- 16. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER SITE HAS ACHIEVED FINAL STABILIZATION (80% UNIFORM DENSITY OF PERMANENT VEGETATION OR PERMANENT MULCH/STONE).
- * SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR WEEKLY AND PRIOR TO AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.



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 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. 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 CONTACT 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
- 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

LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE

- 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 B 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.

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS

PRIOR TO START. <u>EROSION CONTROL MEASURES</u>
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING

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

JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

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 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.

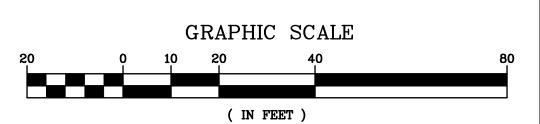
INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING

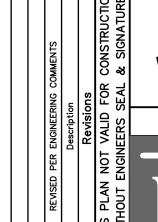
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

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.

EXISTING INFORMATION SHOWN HEREON PROVIDED BY RICHARD J. DOMATO LAND SURVEYOR, DATED JULY 25, 2021.





PROPOSED ADDITION & ALTERATIONS 54 CLINTON AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK



STORMWATER MANAGEMENT PLAN



HUDSON

ENGINEERING CONSULTING, P.C. 5 Knollwood Road – Suite 201 Elmsford, New York 10523

F: 914-560-2086

Designed By: S.(Checked By: M.:

© 2021

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.

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.

1 inch = 20 ft.

