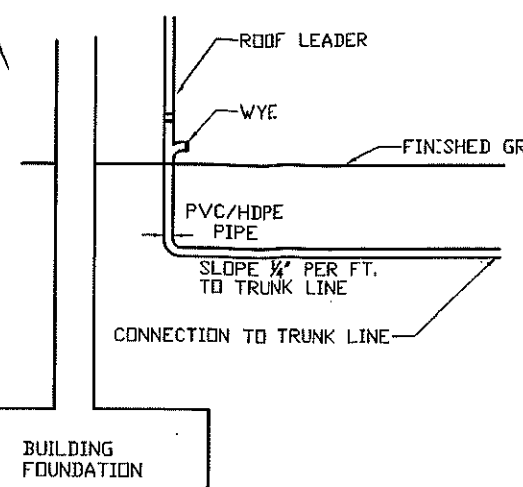


**GENERAL NOTES:**

- THIS PLOT PLAN REFERENCES A "TOPOGRAPHIC SURVEY OF PROPERTY OF BEVERLY J/ HEMMER SITUATED IN THE TOWNSHIP OF NEPTUNE, MONMOUTH COUNTY, NEW JERSEY, TAX BLOCK 5412, LOT 5" PREPARED BY RODOLFO PIERRI, PLS, DATED AUGUST 28, 2019.
- THESE PLANS ARE NOT FOR CONSTRUCTION AND ARE FOR MUNICIPAL REVIEW AND APPROVAL ONLY. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION UNTIL THEY HAVE BEEN STAMPED APPROVED BY THE MUNICIPALITY AND ALL CONDITIONS HAVE BEEN SATISFIED.
- ANY DAMAGE TO PROPERTY IMPROVEMENTS OR PUBLIC IMPROVEMENTS SHALL BE REPAIRED OR REPLACED BY PROPERTY OWNER.
- NO WETLANDS OR WETLANDS BUFFER HAVE BEEN LOCATED.
- ALL ROOF LEADERS SHALL BE DIRECTED AWAY FROM THE HOUSE AND IMPROVEMENTS.
- ALL ELECTRICAL WORK MUST COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH SEED OR LANDSCAPING WHERE THE BUILDING AND OTHER IMPROVEMENTS ARE NOT LOCATED.
- THE CONTRACTOR AND PROPERTY OWNER SHALL VERIFY THE LAYOUT AND ALL DIMENSIONS PRIOR TO CONSTRUCTION. THE POOL, IMPERVIOUS AREAS, AND WALLS SHALL BE STAKED OUT BY A PROFESSIONAL SURVEYOR.
- THE PROPERTY OWNER IS RESPONSIBLE FOR OBTAINING ANY NECESSARY ENVIRONMENTAL PERMITS, TREE CLEARING PERMITS, SOIL DISTURBANCE PERMIT, STEEP SLOPE PERMITS, ETC. PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH ALL NOTES, DETAILS, AND SPECIFICATIONS CONTAINED WITHIN DRAWING SETS AND THE DOCUMENTS REFERENCED BELOW. ALL CONSTRUCTION AND INCIDENTAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION OVER THIS PROJECT.
- CONTRACTOR SHALL PERFORM ALL CONSTRUCTION AND MEANS AND METHODS IN ACCORDANCE WITH REQUIREMENTS, STANDARDS, SPECIFICATIONS, AND DETAILS OF SEC. 3704, CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. 3701 ET AL.); SECS. 4, 6, AND 3, OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (29 U.S.C. 653, 655, 657); SECRETARY OF LABOR'S ORDER NO. 12-71 (36 FR 8754), 8-76 (41 FR 25059), 9-83 (48 FR 35736), 6-96 (62 FR 111), 5-2007 (72 FR 31160), 4-2010 (75 FR 55355), AS APPLICABLE; 29 CFR PART 1911, SEQ.; THE NEW JERSEY UNDERGROUND FACILITY PROTECTION ACT (NJSA 48:2-73, ET SEQ.) AS AMENDED; AMERICANS WITH DISABILITIES ACT (ADA) CODE (42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.) OR THE LOCAL REQUIREMENTS WHICHEVER IS MORE RESTRICTIVE, APPLICABLE MUNICIPALITY, COUNTY, NJDOT, UTILITY AUTHORITY, AND OTHER APPLICABLE AGENCIES.
- PRIOR TO AND DURING CONSTRUCTION CONTRACTOR SHALL AT A MINIMUM; CONTRACTOR SHALL REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD CONTRACTOR FIND A CONFLICT WITHIN THE CONSTRUCTION DOCUMENTS RELATIVE TO ITSELF OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ENGINEER IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY CONSTRUCTION DOCUMENTS AND FULL COMPLIANCE WITH LOCAL AND STATE REGULATIONS AND CODES, OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES HAVING JURISDICTION,
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION AND ANY ADDITIONAL PRECAUTIONS NECESSARY TO ENSURE THE STABILITY OF ADJACENT AND CONTIGUOUS STRUCTURES, PROVIDE ALL "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS ARE TO REMAIN ON OR OFF-SITE, BE RESPONSIBLE FOR JOB SAFETY INCLUDING, BUT NOT LIMITED, TO INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING AND OTHER APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITY, PROCEED WITH ALL CONSTRUCTION IN A SYSTEMATIC AND SAFE MANNER, SAFEGUARD SITE AS NECESSARY TO PERFORM THE CONSTRUCTION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME, RETAIN COPIES OF ALL PERMITS AND APPROVALS ONSITE FOR REVIEW, MAINTAIN ON-SITE SOIL EROSION CONTROL MEASURES WHERE MORE THAN 5,000 SF OF SOIL IS DISTURBED BY CONSTRUCTION ACTIVITIES OR SHALL MAINTAIN THE MEASURES WITHIN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH EPA
- REQUIREMENTS FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES, MAINTAIN AND CLEAN ADJACENT STREETS AND PROPERTIES OF CONSTRUCTION DEBRIS AND DJST DURING THE CONSTRUCTION PROJECT, REVIEW ALL PLANS AND IDENTIFY ANY CONSTRUCTION ISSUES PRIOR TO INITIATING CONSTRUCTION. THEN NOTIFY ENGINEER IN WRITING OF ANY CONSTRUCTION ISSUES AND WORK TO RESOLVE THOSE ISSUES, NOTIFY ENGINEER IN WRITING OF ANY PLAN MODIFICATIONS THAT WILL BE REQUIRED BASED ON SUBMITTALS OR ANY OTHER REASON, DISPOSE OF ALL CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL GOVERNING MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES. DEBRIS SHALL NOT BE BURIED ON-SITE AND SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION OR CONSTRUCTION. STOCKPILING OF DEBRIS IS PROHIBITED.
- CONCRETE SHALL HAVE A MIN SLOPE OF 0.50%. MAX CROSS SLOPE OF 2% FOR SIDEWALKS.
- VEGETATIVE COVER SHALL HAVE A MIN SLOPE OF 1.00% AND MAX SLOPE OF 3 TO 1.
- GRADE FINISHED SURFACES TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND TOWARDS DRAINAGE FEATURES WITH A POSITIVE OUTLET OR AN APPROVED RETENTION SYSTEM.
- UTILITIES - CONTRACTOR SHALL COMMENCE CONSTRUCTION AT THE LOWEST INVERT AND/OR POINT OF CONNECTION TO STREET AND PROGRESS UP GRADIENT, INSTALL ALL STORM SEWER AND SANITARY SEWER COMPONENTS WHICH FUNCTION BY GRAVITY PRIOR TO THE INSTALLATION OF ALL OTHER UTILITIES, PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY, ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS SHALL BE REPAIRED IN ACCORDANCE WITH APPLICABLE UTILITY COMPANY, MUNICIPAL, COUNTY AND/OR NJDOT DETAILS. CONSTRUCT ALL NEW UTILITIES/SERVICES UNDERGROUND UNLESS OTHERWISE NOTED.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED.
- THESE CONSTRUCTION DOCUMENTS ARE BASED ON INFORMATION PROVIDED AT THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF CURRENT SITE CONDITIONS VARY FROM CONSTRUCTION DOCUMENTS OR PROPOSED WORK CONFLICTS WITH ANY SITE FEATURES.
- ENGINEER IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONSTRUCTION METHODS/MEANS FOR COMPLETION OF THE WORK DEPICTED ON THE CONSTRUCTION DOCUMENTS NOR FOR ANY REVISIONS RESULTING FROM SEQUENCING.

**ROOF DRAIN CONNECTION OVERFLOW DETAIL**



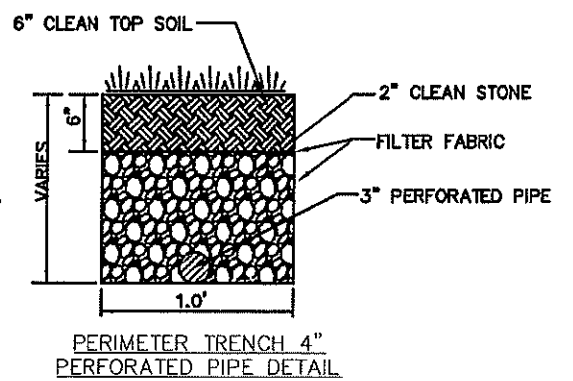
**APPROVED**

DEC 20 2019

**GRADING**

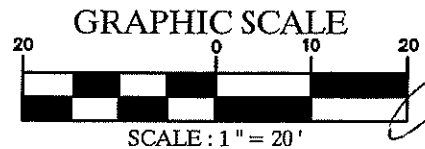
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**TOPSOIL SPECIFICATION**  
 MINIMUM COMPONENTS BY WEIGHT:  
 • 92% SAND  
 • NO MORE THAN 5% SILT  
 • NO MORE THAN 3% CLAY  
 SAND COMPONENT SHALL HAVE 50% OR GREATER MEDIUM DIAMETER PARTICLES BETWEEN 0.50 AND 0.25 MM



NOTE: THE ABOVE DRAINAGE DESIGN IS ADEQUATE AND WILL NOT BE IMPACTED BY GROUNDWATER.

**RECEIVED**  
 DEC 19 2019



2	12/19/19	CITY COMMENTS
1	9/19/19	ISSUED
REV:	DATE:	COMMENTS:
GREENSITE ENGINEERING & CONSULTING, LLC		
526 ROUTE 205, TRENTON, NJ 08610		
C (609) 751-8479 O (609) 751-0287 F (609) 228-8319		
CERT. OF AUTHORIZATION 24GA2819600		

**LAURENCE G. MURPHY**  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE # 44495

**GRADING PLAN**  
 PREPARED FOR  
 LOT 5, BLOCK 5412  
 #102 HIGHLAND AVENUE  
 TOWNSHIP OF NEPTUNE  
 MONMOUTH COUNTY, NJ

**GRADING PLAN 1"=20'**