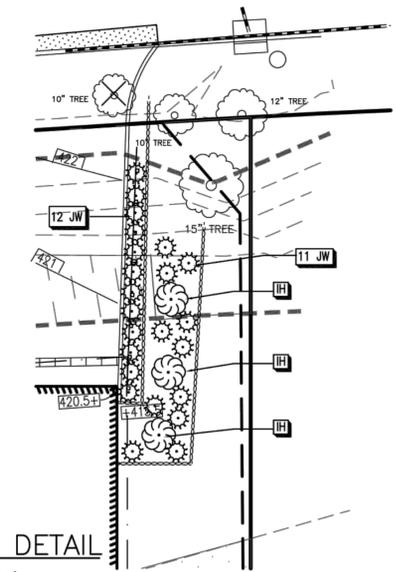


NATURAL RESOURCE INVENTORY: "EID" ELLINGTON FINE SANDY LOAM

	MORRIS COUNTY SOIL SURVEY	OBSERVED LOTS 19 & 20
DEPTH TO BEDROCK	>10 FT.	>10 FT.
SEASONAL WATER TABLE	1/2 - 4 FT.	>10 FT.
PERMEABILITY OF SOIL LAYERS		
0-10"	0.6 - 2.0 IN/HR	-
10-20"	0.6 - 2.0 IN/HR	-
20-40"	0.6 - 2.0 IN/HR	-
40-60"	0.6 - 2.0 IN/HR	-
PERCOLATION RATE	-	72" = 8 MIN/IN 96" = 3 MIN/IN
LIMITATION FOR FOUNDATION	NA (FILL)	-
EROSION HAZARD	SEVERE	-

- CHATHAM TOWNSHIP GENERAL NOTES
- AS DIRECTED BY THE TOWNSHIP ENGINEER, MINOR GRADING CHANGES MAY BE REQUIRED DURING CONSTRUCTION TO ACHIEVE POSITIVE DRAINAGE.
 - THE CONTRACTOR SHALL ADD ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS DIRECTED BY THE TOWNSHIP ENGINEER.
 - THE TOWNSHIP ENGINEER WILL BE CONTACTED 72 HOURS IN ADVANCE OF CONSTRUCTION
 - FILL, COMPACTION OF FILL, TOPSOIL AND SOIL STABILIZATION TO BE IN ACCORDANCE WITH CURRENT NEW JERSEY SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
 - THE APPLICANT'S ENGINEER SHALL CERTIFY, BASED ON FIELD INSPECTIONS, AND AS NECESSARY, LABORATORY TESTS, THAT PERMANENT SOIL STABILIZATION, INCLUDING SOIL, PREPARATION, ACCEPTABLE TOP SOIL AND VEGETATIVE COVER, AND COMPACTION OF FILL MEETING NEW JERSEY SOIL EROSION AND SEDIMENT CONTROL STANDARDS HAS BEEN PROVIDED PRIOR TO FINAL GRADING INSPECTION.
 - APPLICANT SHALL COMPLY WITH ALL RECOMMENDATIONS AND REQUIREMENTS OF THE TOWNSHIP ENGINEER WITH RESPECT TO SURFACE GRADING TO INSURE THAT SURFACE WATERS ARE PROPERLY CONTROLLED AND DRAINED TO ELIMINATE ANY ADVERSE IMPACT UPON OR DISTURBANCE TO ADJOINING PROPERTIES.
 - BENCHMARK: MANHOLE IN SUSAN DRIVE. RIM 422.8
 - TOPOGRAPHY SURVEY PERFORMED ON SEPT. 24, 2014.
 - GRASS SEED MIX FOR STEEP SLOPE AREAS SPECIFIED IN SESC NOTE NO. 15c IS TO BE USED IN ALL AREAS OF THE SITE.
 - ACCESS TO THE SITE WILL BE ALONG THE EXISTING SANITARY SEWER EASEMENT AND NO ADDITIONAL GRADING OF STEEP SLOPE IS NECESSARY AND/OR ALLOWED. ACCESS TO THE SANITARY SEWER EASEMENT WILL BE MADE THROUGH THE NORTH HALF OF THE STORM SEWER EASEMENT AND ACROSS LOT 14 ONLY. IF THE PROPOSEE ACCESS REQUIRES CROSSING PORTIONS OF THE STORM SEWER EASEMENT ON ADJOINING LOTS, PERMISSION FROM THE OWNER(S) OF THE LOT(S) MUST BE OBTAINED.

SOIL EROSION CONTROL MEASURES SHALL BE INSPECTED ON A BI-WEEKLY BASIS AS WELL AS BEFORE AND AFTER A SIGNIFICANT RAIN EVENT. ANY DAMAGES OR DEFICIENCIES TO THE MEASURES SHALL BE IMMEDIATELY RECTIFIED.

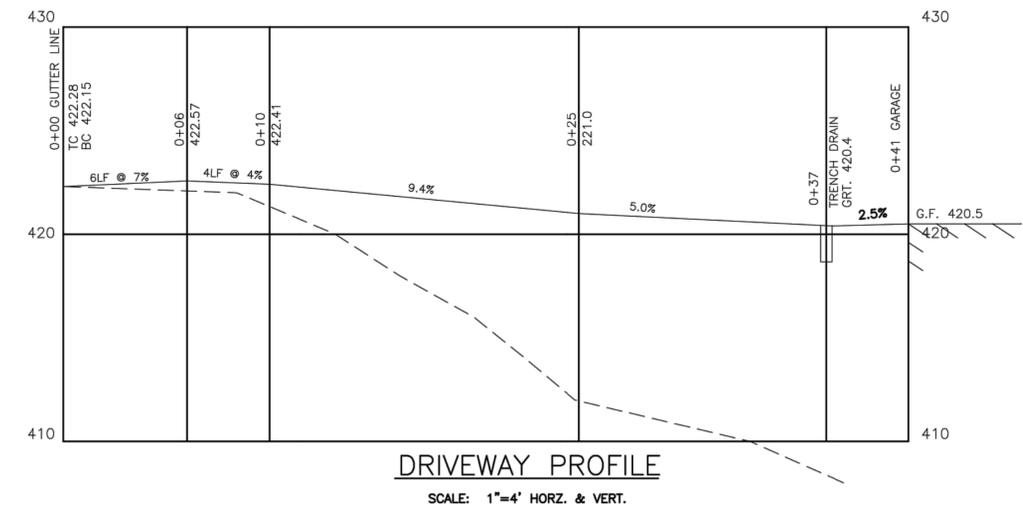


SLOPE DISTURBANCE CALCULATION

LOT AREA	PROVIDED
LOT AREA	21,938 SF
SLOPES LESS THAN 15%	4925 SF
PERMITTED DISTURBANCE: NO LIMITATION	4925 SF
PROPOSED DISTURBANCE	3889 SF
SLOPES 15 TO 20%	0 SF
PERMITTED DISTURBANCE: 30% OR MAX. 3500 SF	0 SF
PROPOSED DISTURBANCE	0 SF
SLOPES 20 TO 25%	1055 SF
PERMITTED DISTURBANCE: 20% OR MAX. 1000 SF	1000 SF
PROPOSED DISTURBANCE	498 SF
SLOPES GREATER THAN 25%	15,958 SF
PERMITTED DISTURBANCE:	500 SF
PROPOSED DISTURBANCE	5929 SF *

*VARIANCE REQUIRED

HEIGHT CALCULATIONS: (BASED ON FIELD TOPOGRAPHY PERFORMED ON 09/2014)
 AVERAGE GRADE ELEV (MIN ELEV) + (MAX ELEV)/2 = 389+414/2=401.5
 MAX. ALLOWABLE HEIGHT = 35 FT.
 THEREFORE MAX. ALLOWABLE RIDGE LINE HEIGHT = 401.5+35=436.5
 PROPOSED FF ELEVATION = 421.5
 FF TO RIDGE HEIGHT = 18.5 FT.
 PROPOSED RIDGE ELEVATION = 421.5+18.5=440.0
 THEREFORE BUILDING HEIGHT = 440.0 - 401.5 = 38.5 FT*
 * VARIANCE REQUIRED



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NO.	DATE	COMMENT
APPROVAL STAMPS AND SIGNATURES		
DRAWING TITLE		BSCAN STICKER
PROPOSED 1-FAMILY DWELLING		
PROJECT NAME AND ADDRESS		
35 SUSAN DRIVE, CHATHAM MORRIS COUNTY, NJ		
PROJECT DESCRIPTION		
OWNER'S NAME AND ADDRESS		
MR. & MRS. HAPPINESS DIRU		
SEAL	DRAWN BY	SCALE
	RA	AS SHOWN
	CHECKED BY	DATE
	RA	08.17.2018
	FILE	BUILDING PLAN ID NUMBER
		A- 102
	PAGE NO.	
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