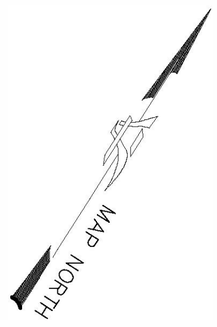
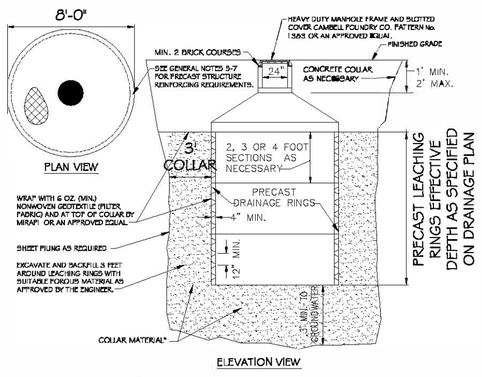




1. COLLAR IS NOT REQUIRED WHEN RATABLE MATERIAL EXISTS FOR FULL DEPTH.
2. THE MATERIAL USED FOR COLLARING SHALL BE COMPRISED OF SAND AND GRAVEL. FILTER MATERIAL CONTAINING LESS THAN 15 % FINE SAND, SILT AND CLAY (SILT AND CLAY FRACTIONS ARE NOT TO EXCEED 5 %.
3. EXCAVATE A MINIMUM OF 6' INTO VIRGIN STRATA OF SAND AND GRAVEL OR TO BOTTOM OF DRYWELL WHICHEVER IS DEEPER.
4. NO TRENCH, PIT OR OTHER EXCAVATION SHALL BE LEFT OPEN OR UNATTENDED. EXCAVATIONS TO BE PROTECTED AS DIRECTED BY THE ENGINEER WITH FENCES, BARRICADES AND OTHER APPROVED METHODS.
5. ALLOW FOUR (4) INCHES FOR FINAL ADJUSTING OF CASTING. ADEQUATE BEARING WILL BE PROVIDED USING CONCRETE BLOCK, BRICK AND/OR 1:2 MORTAR MIX.
6. BACKFILL AND COMPACTION SHALL BE IN 6" LIFTS. ALL BACKFILL MATERIAL TO BE COMPACTED BY JETTING OR OTHER APPROVED MEANS.

DRYWELL DETAIL

DRAINAGE CALCULATIONS:

THE PROPOSED ON-SITE DRAINAGE SYSTEM TO PROVIDE STORAGE FOR A 3 1/2" RAINFALL IN NEW 10' DIAMETER DRYWELLS PROVIDING 68.7 CF PER VERTICAL FOOT OF STORAGE. THE DESIGN IS BASED ON THE FOLLOWING RUNOFF COEFFICIENTS: ROOF 1.0, ASPHALT PAVEMENT 1.0 AND LANDSCAPE 0.30.

DRAINAGE AREA:
STORAGE REQUIRED:

IMPERVIOUS AREA:	3,425 SF X 1.00 X 3-1/2" =	993 CF
LANDSCAPE AREA:	2,500 SF X 0.30 X 3-1/2" =	+218 CF
		1211 CF

1211 / 68.7 = 18 VERTICAL FEET REQUIRED

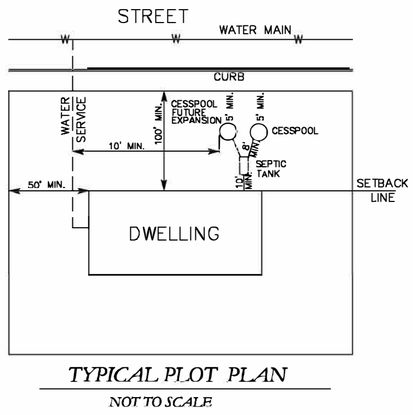
STORAGE PROVIDED:
USE 2 - 10' Ø DRYWELLS - (2)9 VF x 68.7 CF/VF = 1,237 CF

LEGEND

	PROPOSED
DRYWELL - GRATED INLET	⊙
CONTOUR	----225----
PR. SPOT GRADE	[227.70]X
FLOW ARROW	⟹

GENERAL NOTES

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF SOUTHAMPTON.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR IS ADVISED ALL SUBSURFACE INFORMATION SHOWN ON THESE PLANS IS CONCEPTUAL AND MUST BE CONFORMED ACCORDINGLY IN THE FIELD.
3. A MINIMUM SEPARATION OF TEN (10) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL IS TO BE MAINTAINED BETWEEN WATER LINES, STORM DRAINAGE AND/OR SANITARY LINES OR STRUCTURES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
5. ALL UNSUITABLE MATERIAL AND DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH TOWN, COUNTY, STATE AND FEDERAL LAWS, CODES AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL UNSUITABLE MATERIALS OFFSITE.
6. ALL PRECAST STRUCTURES SHALL INCLUDE SUFFICIENT STEEL REINFORCEMENT FOR TEMPERATURE AND SHRINKAGE, TRANSPORT, AND TO ALLOW THE STRUCTURE TO WITHSTAND AASHTO H-20 LOADING AT THE COVER CONDITIONS SHOWN ON THE PLANS.
7. ALL PRECAST STRUCTURES SHALL BE MANUFACTURED WITH 4000 PSI / 28 DAY STRENGTH CONCRETE.



TYPICAL PLOT PLAN

NOT TO SCALE

NOTE:
THERE ARE NO WELLS FOUND WITHIN 150' OF SUBJECT PROPERTY.

PROPOSED SANITARY SYSTEM
PROPOSED 1760 GAL SEPTIC TANK
(2) 8'x10' DEEP LEACHING POOL PROPOSED
50% EXPANSION LEACHING POOL

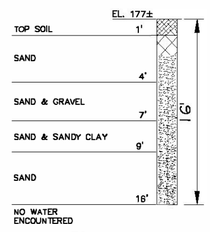
TOTAL LOT SIZE: 198,663 = 4.56 ACRES

ALLOWABLE LOT CLEARING: (15 %) 29,795 SF

PROPOSED LOT CLEARING: (14.85 %) 29,500 SF
(INCLUDES PERIOUS DRIVEWAY)

ALLOWABLE LOT COVERAGE: 9,933 SF

PROPOSED LOT COVERAGE: 4,866 SF



TEST PIT DATA
BORING INFORMATION PROVIDED BY SQUIRES, HOLDEN, WEISENBACHER & SMITH

OLD SAG HARBOR RD. (PROPOSED)
49.50' PR. ROW
ASPHALT ROAD
131.48'
N46°37'42"E
741.62'
160.84'
S55°52'30"E
676.88'
100' FRONT YARD CR-200 SETBACK
50' SIDE YARD SETBACK
PROPOSED REGRADING OF EXISTING TOPOGRAPHY
PROPOSED BURIED 500 GAL. LP TANK
PROPOSED WATER SERVICE
PROPOSED ELECTRIC SERVICE
PROPOSED CURB CUT W/BELGIUM BLOCK APRON AND SPLIT RAIL FENCE & 5' ENTRANCE POSTS
PROPOSED GRAVEL DRIVEWAY W/BLOCK CURB
PROPOSED 4 BEDROOM SEPTIC SYSTEM
PROPOSED 18' X 40' GUNITE POOL SPA
PROPOSED TENNIS COURT
SWALE
DW
LP
ST
TP
177±
PROPOSED 36" WOOD SPLIT RAIL FENCE
CONNECTS TO LOCAL UTILITIES INCLUDING ELECTRIC AND TOWN WATER (NAT. GAS - IF
LINE OF PROPOSED CLEARING
MILLSTONE ROAD
ASPHALT ROAD
PROPOSED 1500 GAL. 6-BEDROOM SEPTIC SYSTEM (8' DIA. CONC. SEPTIC TANK w/ (2) 8'DIA X 10'DIA. DEEP LEACHING POOLS AND (1) EXPANSION
S40°19'23"E
100' REAR YARD SETBACK
HIGH TENSION POWER LINES
S54°30'20"W 6.24'
N31°13'59"W 107.20'
304.16'
S46°24'20"W
N31°45'20"W
200.04'

30 0 15 30 60
1 inch =30 ft. GRAPHIC SCALE (IN FEET)

SUFFOLK COUNTY DIST: 0900
SEC. 36 BLK. 01 LOT 36.007
DATE: 3-17-15 SCALE: 1"=30'
PROJECT NUMBER:

SITE PLAN
SURVEY FOR:
MAP OF: DESCRIBED PROPERTY
LOCATION: BRIDGEHAMPTON, TOWN OF SOUTHAMPTON, NY