

ZONING REQUIREMENTS:

SETBACK REQUIREMENTS:	MINIMUM FRONT YARD	MINIMUM REAR YARD	MINIMUM REAR & SIDE YARD	% LOT COVERAGE PROVIDED
ZONING IS RA - RESIDENCE A	75.00'	30.00'	10.0' & 12.0'	20 %
MINIMUM LOT FRONTAGE	8,000 sq. ft.			
MINIMUM TOTAL AREA				
MINIMUM % LOT COVERAGE	30% (Required)			

STUBS AT TOP OF END CAP

PART #	CHAMBER	PRE SIZE	A	B	C	D
SC310E12B	SC 310	(120 mm)	8.62 in (219 mm)	9.84 in (250 mm)	14.77 in (375 mm)	15.81 in (402 mm)
SC310E67	SC 310	(60 mm)	4.31 in (109 mm)	4.92 in (125 mm)	7.48 in (190 mm)	8.00 in (203 mm)

STUBS AT BOTTOM OF END CAP

PART #	CHAMBER	PRE SIZE	A	B	C	D
SC310E12B	SC 310	(120 mm)	8.62 in (219 mm)	9.84 in (250 mm)	14.77 in (375 mm)	15.81 in (402 mm)
SC310E67	SC 310	(60 mm)	4.31 in (109 mm)	4.92 in (125 mm)	7.48 in (190 mm)	8.00 in (203 mm)

STORMTECH CONCEPTUAL PLAN DISCLAIMER

THIS STORMTECH CHAMBER SYSTEM LAYOUT WAS PRODUCED TO DEMONSTRATE A FEASIBLE LAYOUT FOR THE STORMTECH CHAMBER SYSTEM FOR THIS SPECIFIC PROJECT HAS NOT BEEN DETERMINED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LAYOUT AND DIMENSIONS OF THE STORMTECH CHAMBER SYSTEM WITH ALL APPLICABLE LAWS AND REGULATIONS. STORMTECH PRODUCTS MUST BE DESIGNED AND INSTALLED IN ACCORDANCE WITH STORMTECH'S DESIGN MANUAL. THE DESIGNING ENGINEER IS RESPONSIBLE FOR ALL DESIGN DECISIONS.

DOWNSPOUT DRAINAGE DESIGN:

ASSUME 1" OF RAINFALL ON THE ENTIRE ROOF AREA

ROOF AREA = 800 SQ. FT.

USE THE HIGH CAPACITY STORMTECH CHAMBER SC310E67 AS DETAILED.

THEFORE:

75 CU. FT. / 14.7 CU. FT. CHAMBER = 5.1 CHAMBER

Therefore, 6 chamber units required

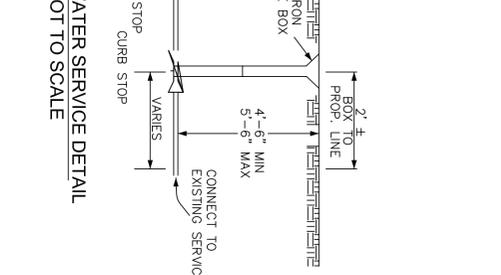
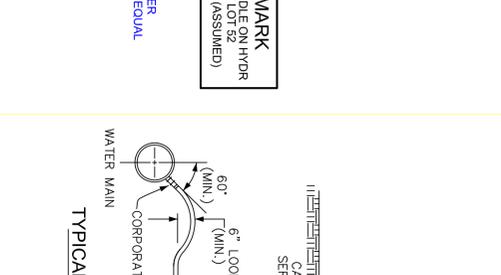
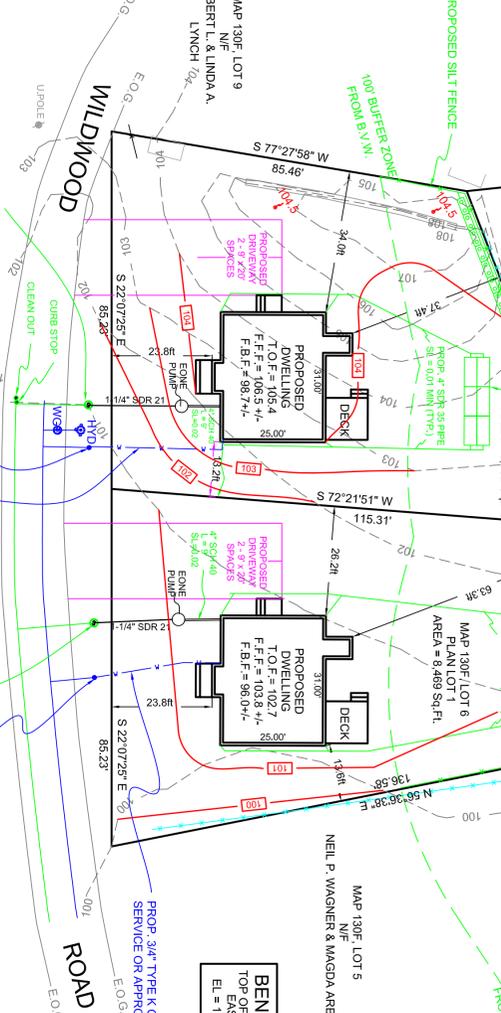
ACCEPTS 4" SCH 40 PIPE FOR CLEANOUT OR INSPECTION PORT

6.6" INSTALLED

6.3" 12.9" 11.8" 6.5"

31.0" ACTUAL LENGTH

- GENERAL NOTES:**
- LOCUS LOT IS SHOWN ON PLAN OF LAND DRAWN FOR TERESA GOVETTE 2008 REVOCALE TRUST, PREPARED BY STEVE ENGINEERING, DATED 7/26/2009 AND FILED AT THE BRISTOL COUNTY REGISTERY OF DEEDS IN BOOK 104, PAGE 76. REFER TO DEED BOOK 104, PAGE 76.
 - SITE IS SHOWN ON NEW BEDFORD ASSESSORS MAP 109F.
 - EXISTING UTILITIES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS AND FROM SURFACE EVIDENCE. UTILITIES SHOWN ARE NOT TO BE CONSIDERED AS GUARANTEED. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND LOCATIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR WITH THE AID OF DIME AND OTHER RESPECTIVE UTILITY COMPANIES. SEWERS AS BUILT INFORMATION OBTAINED FROM THE OFFICE OF FRANKLIN CONTRACTING AND NOT FIELD VERIFIED BY KRFE AS THE PINS WERE INSTALLED AND CONTROLLED AT THE TIME OF SURVEY.
 - ALL CONSTRUCTION MATERIALS AND INSTALLATION METHODS TO CONFORM TO THE CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC WORKS CONTROL STANDARDS, AS MOST RECENTLY AMENDED.
 - CONTRACTOR SHALL KEEP RECORDS OF LOCATIONS FOR ALL UNDERGROUND UTILITIES INSTALLED FOR USE IN FUTURE AS BUILT SITE PLAN.
 - CONTRACTOR TO VERIFY AND CHECK BENCHMARK AS SHOWN ON THIS PLAN PRIOR TO CONSTRUCTION. REQUIRED TO HAVE ALL PERMITS AND FEES ASSOCIATED WITH COMPLETION OF THE WORK.
 - ANY LAMP AREA DISTURBED DURING CONSTRUCTION TO BE LAMP AND SEERED AFTER PROPER BACKFILLING AND COMPACTED WITHIN THE EXISTING FOOTPRINT TO BE REPAIRED PER CITY STANDARDS.
 - LOCUS IS SERVICED BY MUNICIPAL WATER AND L.P.F.A. SEWER.
 - THE ENVIRONMENTAL ONE (DH071-93) DETAILS SUMP PUMP MAY BE DIRECT WIRE IN THE BUILDING MAIN ELECTRICAL PANEL THROUGH APPROPRIATE CONDUIT. THE ENVIRONMENTAL ONE ALARM WITH VISUAL AND AUDIBLE ALARM. THE ENVIRONMENTAL ONE MUST BE INSTALLED IN A DRY LOCATION WITH PROTECTIVE COVERING. THE ELECTRICAL CONNECTIONS SHALL CONFORM TO THE N.E.C. CODES BASED ON VOLTAGE SOURCE (240V OR 120V) AVAILABLE TO THE BUILDING. CONTRACTOR TO VERIFY WITH OWNER AS TO CHOICE OF WIRELESS OR HARDWIRED UTILITIES FROM TO OVERSEER. ALL COMPONENTS TO BE PURCHASED FROM CHUKA & ASSOCIATES, INC.
 - ANCHOR TO BE INSTALLED TO PREVENT FLOTTATION. MANHOLE RING OR CONCRETE TO BE SIZED IN ACCORDANCE WITH EDWARDS STANDARDS, ASSUMING A HIGH WATER TABLE.
 - THE PUMP SYSTEM SPECIFIED IS TO BE USED, NO ALTERNATE PUMPS ARE TO BE INSTALLED WITHOUT THE DPM & DESIGN ENGINEER'S APPROVAL AS TO THE PUMP CHARACTERISTICS AND SUITABILITY. PUMPS ARE SIZED NORMAL. PUMPS SHOULD TYPE SERVICE ONLY.
 1. A BACKUP GENERATOR (ADEQUATE FOR SUMP) INTO THE SEWAGE PUMP IN CASE OF ELECTRICAL FAILURE/S IS STRONGLY RECOMMENDED IN WHICH A TRANSFER SWITCH CAN BE W/ANOTHER.
 - ALL SDR 21 PIPING TO BE INSTALLED 24 INCHES BELOW GRADE (BELOW THE FROST LINE) AND INSTALLED A MINIMUM OF 18 INCHES BELOW ANY WATER MAIN OR WATER SERVICE CROSSING.
 1. 8" SDR 40 PVC PIPING FROM THE OVERLAP AREA TO BE SET WITH A SLOPE OF 1/4" PER 10' (MIN)
 - ALL LATERAL W/TS ALARMS, CONTROL PAINES, CHECK VALVES, ETC. AND PUMP RELATED ITEMS TO BE PURCHASED FROM P.F. HANCOCK & ASSOCIATES, INC. AND INSTALLED AS TO THE REQUIREMENTS.
 - LOCUS IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONES AS DELINEATED ON THE FIRM MAP WITH COMMUNITY PANEL NO 252216 - 02, DATED 7/07/2009.



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE CAPACITY (GALLONS)	CHAMBER WEIGHT (LBS)
34" O" X 16" O" X 85' 4"	141.0	31.0
34" O" X 16" O" X 85' 4"	141.0	35.0

OPTIONS:

DH071-93 (WIRELESS LEVEL CONTROLS)

DR071-93 (LEVEL CONTROLS)

