

NOTES & SPECIFICATIONS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF 310 CMR IS (TITLE V) OF THE COMMONWEALTH OF MASSACHUSETTS AND THOSE OF THE TOWN BOARD OF HEALTH.

THE REQUIRED INSPECTION SCHEDULE DURING THE PROCESS OF CONSTRUCTION SHALL BE ARRANGED BY THE CONTRACTOR WITH THE BOARD OF HEALTH & DESIGN ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE STANDARD DUTY (H-10) OR HEAVY DUTY (H-20) IF LOCATED UNDER A DRIVEWAY.

ALL PIPING SHALL BE 4" DIA. SCHD. 40 NSF PVC WITH ALL JOINTS SEALED WATERTIGHT. ALL STONE SHALL BE DOUBLE WASHED AND FREE OF IRONS, CLAY OR FINES AND SHALL BE SATISFACTORY TO THE TOWN BOARD OF HEALTH.

THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL OR OTHER HIGH WATER USE UNITS.

ANY MUNICIPAL WELL NOT LOCATED WITHIN THE CONE OF INFLUENCE OF THE PROPOSED SYSTEM, CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION, EXCAVATE ALL TOP, SUB AND ANY OTHER SOILS ENCOUNTERED DOWN TO THE BOTTOM OF EXCAVATION (SEE CROSS SECTION) FOR A HORIZONTAL DISTANCE OF 5' ON ALL SIDES OF THE PROPOSED SYSTEM. BACK FILL TO TOP OF STONE GRANULAR SAND, FREE OF ORGANIC OR IMPURED SOIL MATERIAL, CONSISTING OF CLEAN GRANULAR SAND, FREE OF ORGANIC MATTER OR OTHER DETRIMENTOUS SUBSTANCES AND MEETING THE SIEVE SIZE REQUIREMENTS OF 30 CMH (5, 25(1) & (5)) [CONSTRUCTION IN FILL].

ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON AN ASSUMED DATUM.

CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO THE CONTINUATION OF CONSTRUCTION.

WATER TABLE FLUCTUATES ANNUALLY, NO WARRANTY OF A DRY BASEMENT IS EXPRESSED OR IMPLIED. FOUNDATION DRAIN TO DAY LIGHT IS SUGGESTED FOR THIS SITE.

THE PROPOSED WORK DOES NOT LIE IN A CRITICAL FLOOD HAZARD ZONE.

THE LOT DOES NOT LIE IN AN OVERLAY DISTRICT FOR GROUNDWATER AQUIFER PROTECTION.

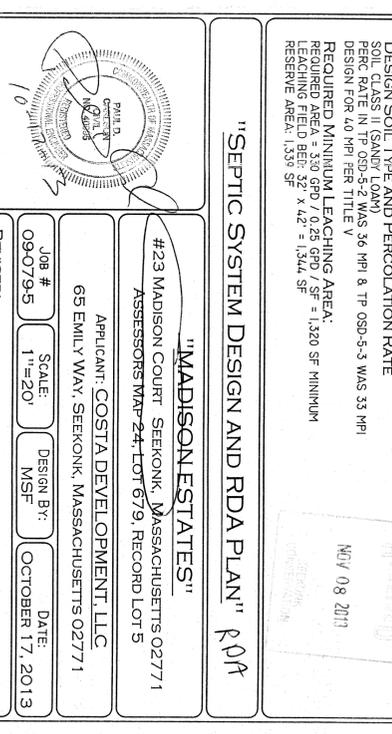
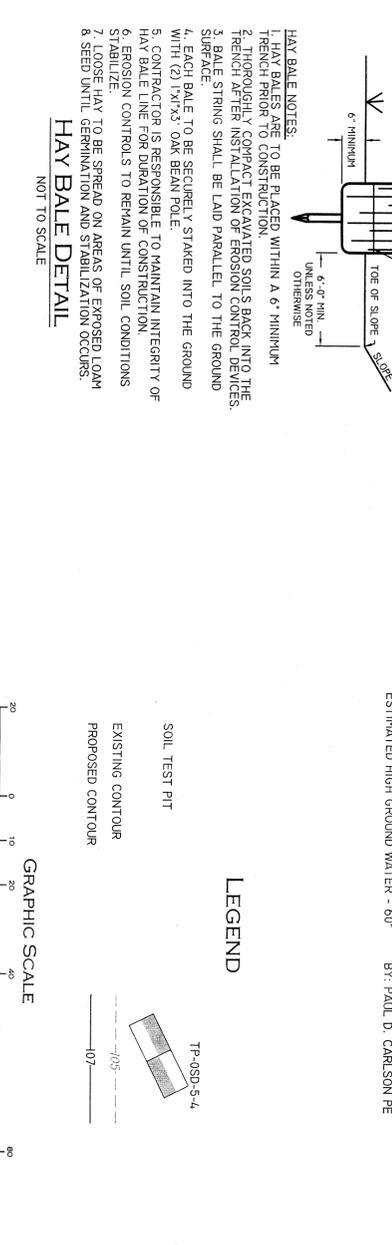
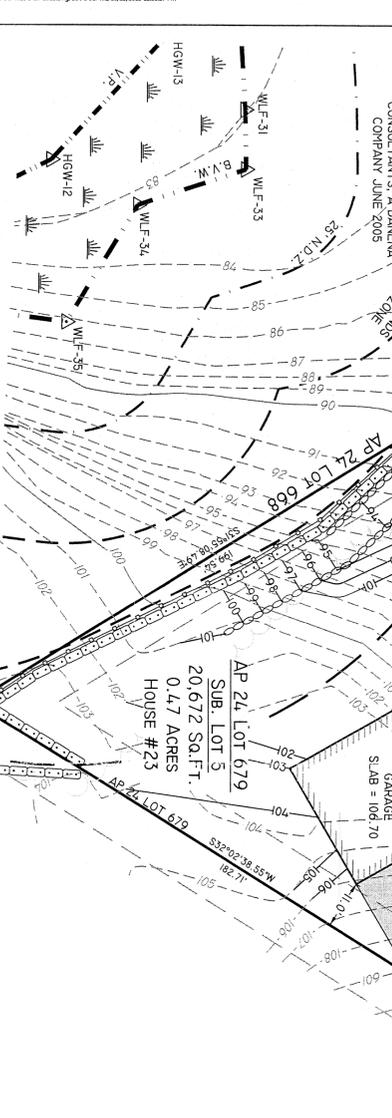
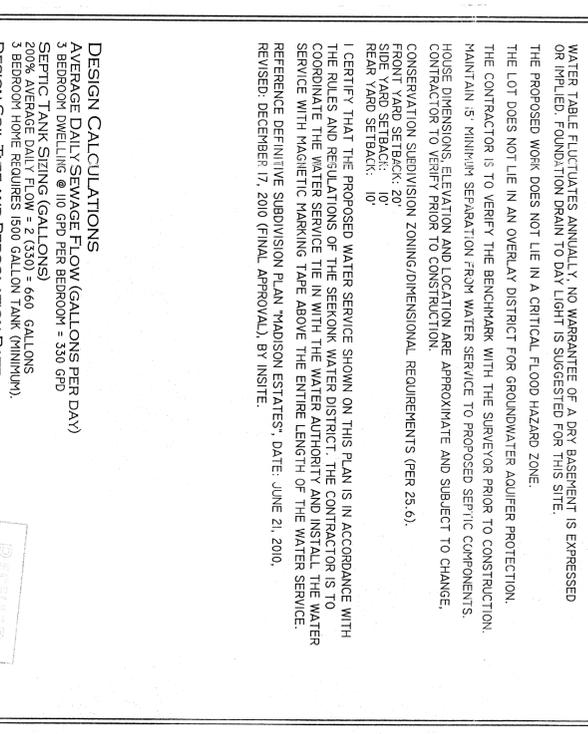
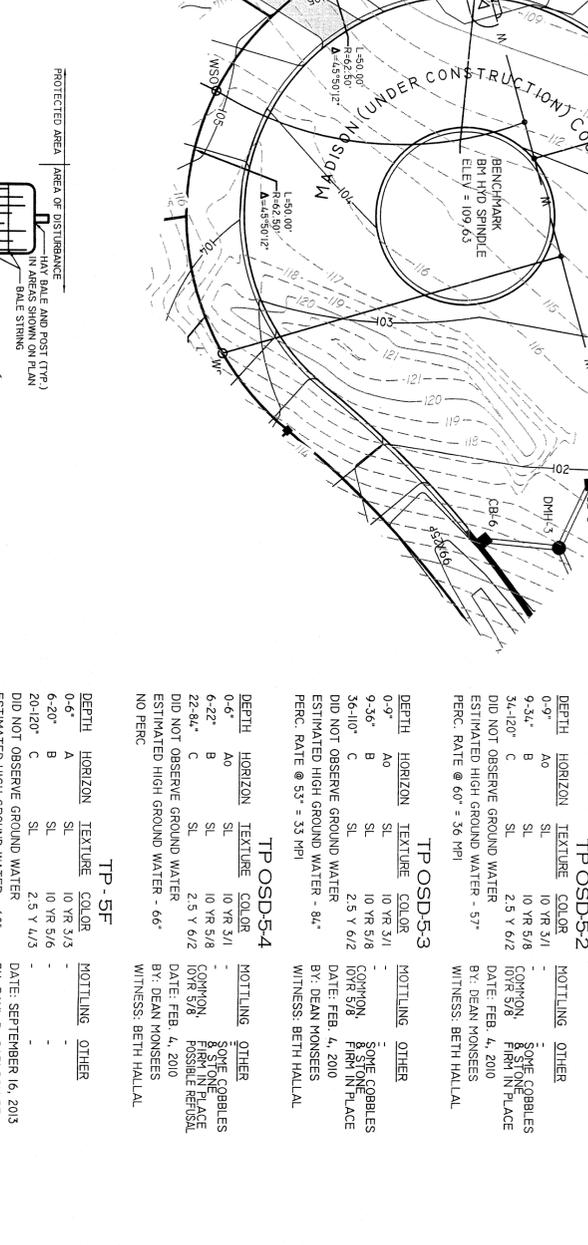
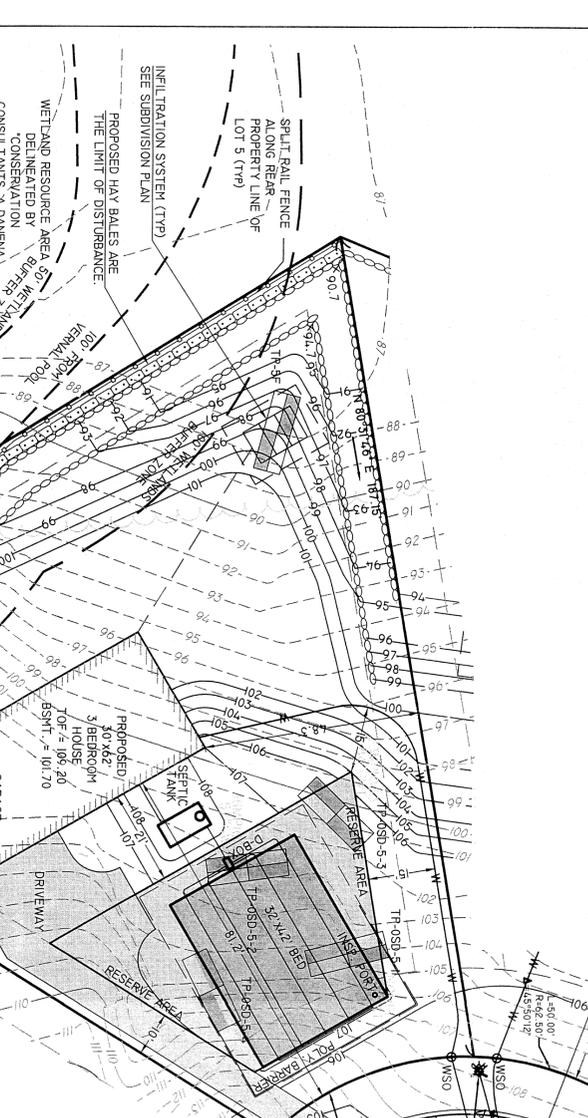
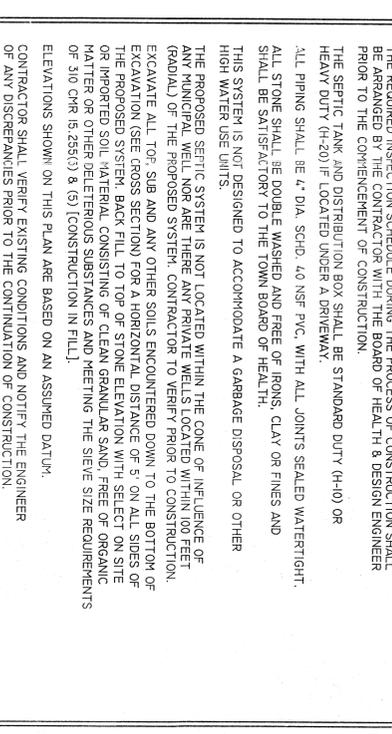
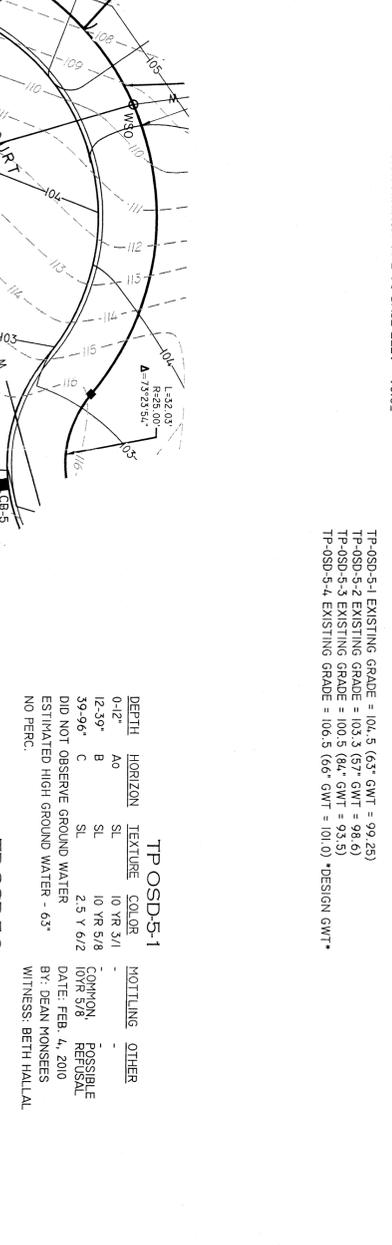
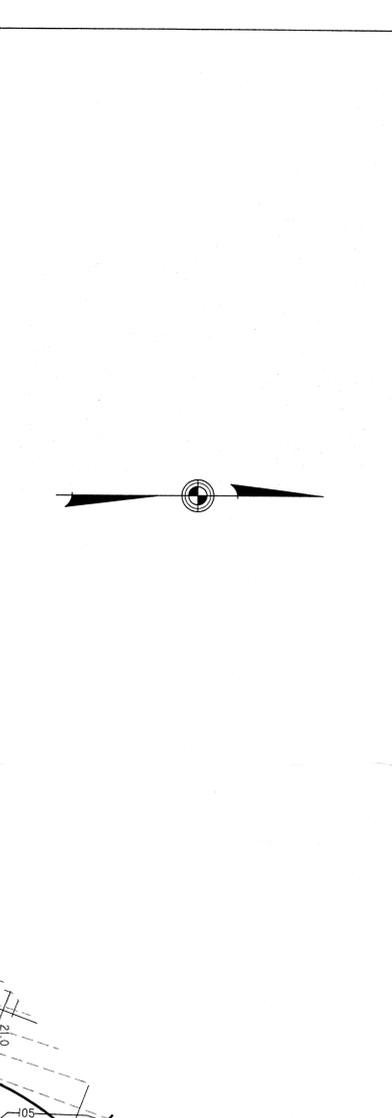
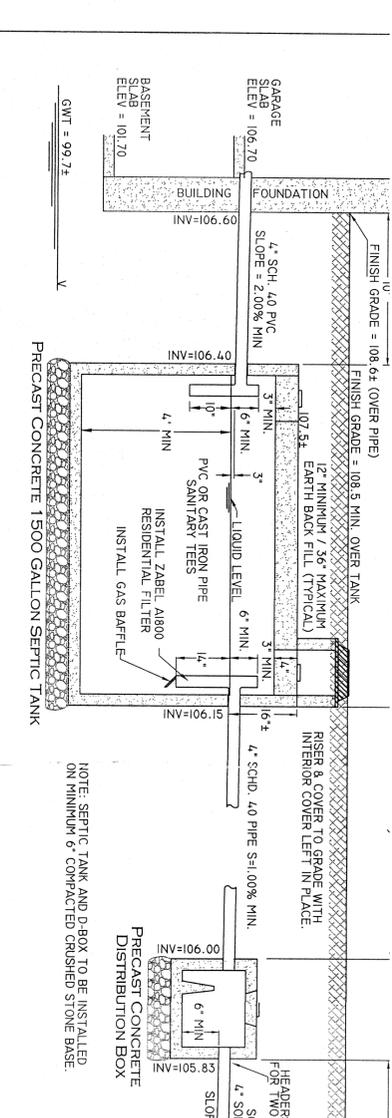
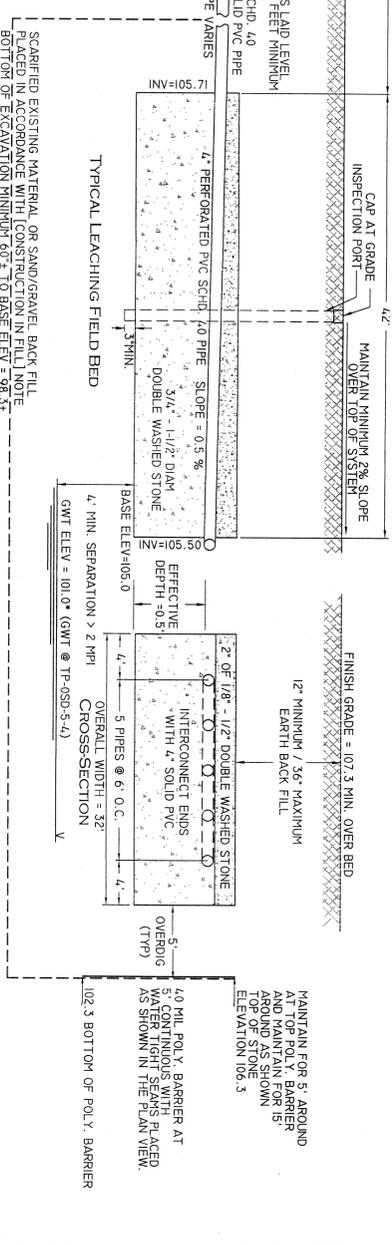
THE CONTRACTOR IS TO VERIFY THE BENCHMARK WITH THE SURVEYOR PRIOR TO CONSTRUCTION.

MAINTAIN 15' MINIMUM SEPARATION FROM WATER SERVICE TO PROPOSED SEPTIC COMPONENTS. HOUSE DIMENSIONS, ELEVATION AND LOCATION ARE APPROXIMATE AND SUBJECT TO CHANGE. CONSERVATION SUBDIVISION ZONING/DIMENSIONAL REQUIREMENTS (PER 25.6).

FRONT YARD SETBACK: 20'
REAR YARD SETBACK: 10'

I CERTIFY THAT THE PROPOSED WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEERKONK WATER DISTRICT. THE CONTRACTOR IS TO COORDINATE THE WATER SERVICE TIE IN WITH THE WATER AUTHORITY AND INSTALL THE WATER SERVICE WITH MAGNETIC MARKING TAPE ABOVE THE ENTIRE LENGTH OF THE WATER SERVICE.

REFERENCE DEFINITIVE SUBDIVISION PLAN "MADISON ESTATES", DATE: JUNE 21, 2010, REVISED: DECEMBER 17, 2010 (FINAL APPROVAL), BY INSITE.



INSITE Engineering Services, LLC
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Precision. Clarity. Certainty.

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SHEET 1 OF 1

"SEPTIC SYSTEM DESIGN AND RDA PLAN" R01

"MADISON ESTATES"

#23 MADISON COURT SEERKONK, MASSACHUSETTS 02771
ASSESSORS MAP 24-LOT 679, RECORD LOT 5

APPLICANT: COSTA DEVELOPMENT, LLC
65 EMLY WAY, SEERKONK, MASSACHUSETTS 02771

JOB # 09-07/95 SCALE 1"=20' DESIGN BY: MSF DATE: OCTOBER 17, 2013
REVISED:

DESIGN CALCULATIONS
AVERAGE DAILY SEWAGE FLOW (GALLONS PER DAY)
3 BEDROOM DWELLING @ 10 GPD PER BEDROOM = 330 GPD
SEPTIC TANK SIZING (GALLONS)
200% AVERAGE DAILY FLOW = 2 (330) = 660 GALLONS
3 BEDROOM HOME REQUIRES 1500 GALLON TANK (MINIMUM)
DESIGN SOIL TYPE AND PERCOLATION RATE
SOIL CLASS II (SANDY LOAM)
PERC RATE IN TP OSD-5-2 WAS 36 MPH & TP OSD-5-3 WAS 33 MPH
REQUIRED MINIMUM LEACHING AREA:
REQUIRED AREA = 330 GPD / 0.25 GPD / SF = 1,320 SF MINIMUM
RESERVE AREA: 1,350 SF

MAY 08 2013