

PARTITIONED SEPTIC TANK

"MicroFAST 3.0" UNIT

"ABC-N 3.0" UNIT

THE RECIRCULATING PUMP SHALL BE PLUMBED TO THE INLET END OF THE PARTITIONED TANK INTO THE FIRST RISER WITH A "TEE" AS SHOWN

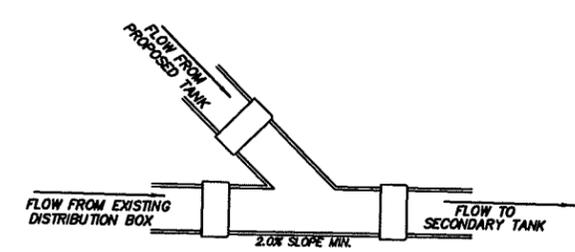
*INVERTS TO BE FIELD VERIFIED PRIOR TO THE PLACEMENT OF ANY SEPTIC SYSTEM COMPONENTS

NOTES:
- ALL COVERS SHALL BE MARKED WITH A MAGNETIC MARKING TAPE.

N.T.S.
3,000 GALLON CONCRETE SEPTIC TANK OR EQUIVALENT (TANK TO MEET SPECIFICATIONS OF 310 CMR 15.226) USE (ACME OR WIGGON)

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CONCEPTUAL SITE PLAN



"WYE" CONNECTION DETAIL
SIDE VIEW
N.T.S.

TEST PIT DATA

INSPECTOR: C. COFFIN
DATE: JULY 3, 2014
PERFORMED BY: J.E. CAULEY P.E.

TEST PIT #	TEST PIT #	TEST PIT #	TEST PIT #
1	2	3	4
EL. TOP = 103.4	EL. TOP = 102.5	EL. TOP = 101.2	EL. TOP = 101.9
OBS. WATER EL. = NONE			
PERC RATE = < 2 MPI			
0" O/A STRIPPED	0" B LOAMY SAND 10YR 5/6	0" FILL	0" B LOAMY SAND 10YR 5/6
6" B LOAMY SAND 10YR 5/6	6" B LOAMY SAND 10YR 5/6	30" B LOAMY SAND 10YR 5/6	6" B LOAMY SAND 10YR 5/6
42" C MEDIUM SAND 10YR 6/4	42" C MEDIUM SAND 10YR 6/4	48" C MEDIUM SAND 10YR 6/4	52" C MEDIUM SAND 10YR 6/4
120"	90"	116"	120"

SITE & SEPTIC DESIGN PLAN

PREPARED FOR: REALTY TRUST
123 WATERHOUSE ROAD
BOURNE, MASS.

LOCATED AT: **123 WATERHOUSE ROAD**
BOURNE, MASSACHUSETTS

DATE: 7/28/14	SCALE: N.T.S.	DRAWN: JDR	CHECKED: JDR	JOB NO.: PAESANO-2014	TOWN NO.: 2 OF 2
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Warwick & Associates Inc.
63 County Road Box 801
North Falmouth, Mass 02556
(508) 563 - 7777

GENERAL NOTES:

- NO HEAVY EQUIPMENT OVER SYSTEM.
- DISTRIBUTION BOX TO BE PRECAST REINFORCED CONCRETE UNITS, WITH AN H-20 CAPACITY.
- ALL SYSTEM COMPONENTS SHALL BE INSTALLED IN ACCORDANCE TO REVISED TITLE V OF THE STATE ENVIRONMENTAL CODE, MINIMUM REQUIREMENTS FOR THE SUBSURFACE DISPOSAL OF SANITARY SEWAGE.
- ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE BOARD OF HEALTH AND THE ENGINEER.
- AT THE COMPLETION OF CONSTRUCTION, PRIOR TO BACKFILLING, THE BOARD OF HEALTH AND ENGINEER SHALL BE NOTIFIED FOR INSPECTION AND LOCATION FOR AS BUILT PLAN PREPARATION.
- PITCH ALL SEWER LINES 1/4" PER FOOT UNLESS INDICATED OTHERWISE.
- INSTALLER TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- INSTALLER TO PROVIDE AT LEAST ONE OBSERVATION PORT.
- INSTALLER TO CONTACT THIS FIRM TO CONFIRM SOIL CONDITIONS DURING SYSTEM INSTALLATION.
- ALL SEPTIC SYSTEM COMPONENTS TO BE CONFIRMED BY SURVEY, INCLUDING BUT NOT LIMITED TO, THE BOTTOM OF LEACHING AREA, SYSTEM COMPONENT LOCATIONS AND PIPE INVERTS.

SEPTIC SYSTEM NOTES

- The contractor shall verify all existing inverts prior to the placement of any septic system components.
- Where required the contractor will remove all loam, subsoil and other unsuitable material in the area beneath and for 2 feet on all sides of the leaching facility. The contractor shall replace all unsuitable material with clean coarse sand free from clay, fines or other unsuitable material. Replacement material to have an in place perc rate of two minutes or less.
- Subsurface septic system components shall not be back filled or otherwise concealed from view until a final inspection has been conducted by the approving authority and the ENGINEER.
- All covers shall be marked with magnetic marking tape.

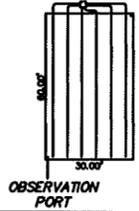
CAPACITY REQUIRED

APARTMENT BUILDING #18
12 BEDROOMS x 110 = 1,320 GPD

CAPACITY PROVIDED

SYSTEM SIZE: 30x60 = 1,800 S.F.
1,800 x .74 = 1,332 GPD

FIELD LAYOUT



REVISIONS

NO.	DATE	DESCRIPTION	BY