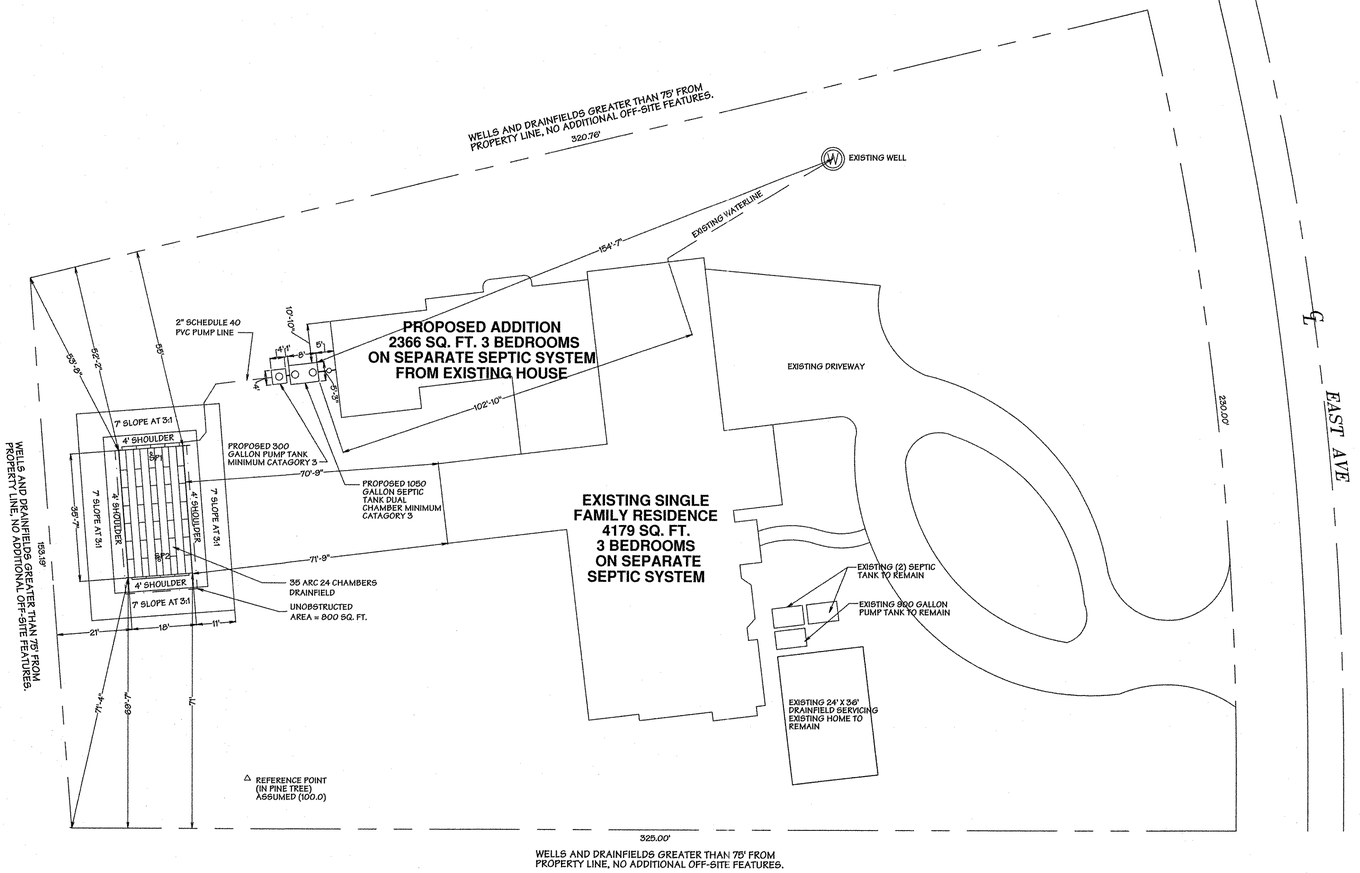
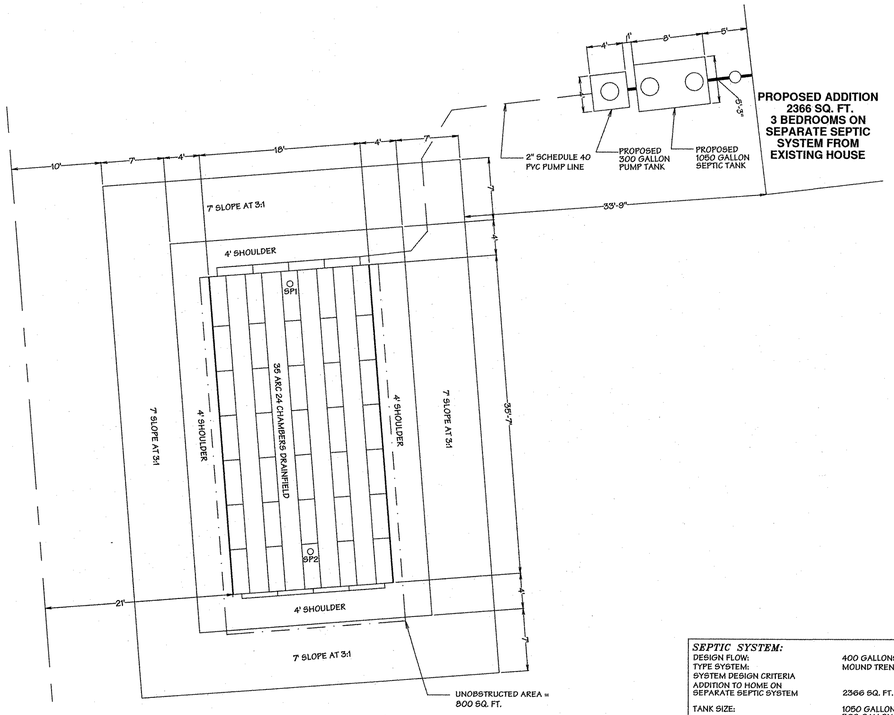


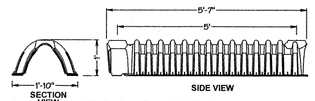
SEPTIC SYSTEM SITE LAYOUT PLAN

SCALE: 1" = 20'



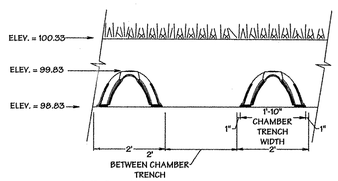
SEPTIC SYSTEM LAYOUT PLAN

SCALE: 1/8" = 1' - 0"



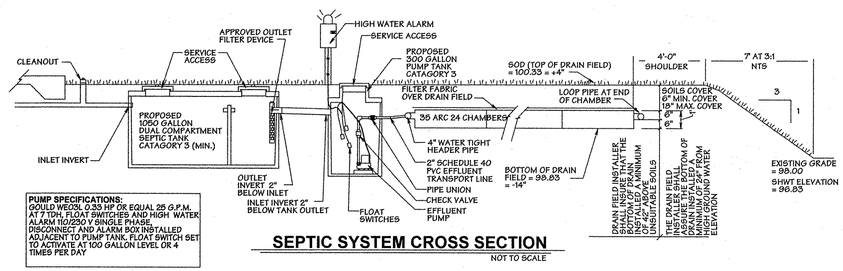
ARC 24 CHAMBER

NOT TO SCALE



ADS ARC 24 TRENCH LAYOUT

NOT TO SCALE



SEPTIC SYSTEM CROSS SECTION

NOT TO SCALE

SEPTIC SYSTEM:	
DESIGN FLOW:	400 GALLONS PER DAY
TYPE SYSTEM:	MOUND TRENCH
SYSTEM DESIGN CRITERIA	
ADDITION TO HOME ON SEPARATE SEPTIC SYSTEM	2366 SQ. FT. ; 3 BEDROOM
TANK SIZE:	1050 GALLON SEPTIC TANK, MINIMUM CATAGORY 3 300 GALLON PUMP TANK MINIMUM CATAGORY 3
DRAINFIELD SIZE REQUIRED:	400 / 0.8 = 500 SQ. FT.
DRAINFIELD SIZE PROVIDED:	35 ARC 24 CHAMBERS, 15 SQ. FT. (RATING) PER CHAMBER 35 x 15 = 525 SQ. FT.
UNOBSTRUCTED AREA REQUIRED	750 SQ.FT.
UNOBSTRUCTED AREA PROVIDED	800 SQ.FT.

GENERAL NOTES:

1.) THIS DRAWING IS NOT A SURVEY
2.) THIS DRAWING IS TO BE USED FOR SEPTIC SYSTEM PERMITTING AND INSTALLATION ONLY
3.) THE CONTRACTOR SHALL ENSURE ALL STRUCTURES MEET ALL SETBACK REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION
4.) ∆ = SEPTIC ELEVATION REFERENCE MARKER
5.) LOT NEARLY LEVEL
6.) EXISTING HOUSE TO REMAIN ON EXISTING SEPTIC SYSTEM
7.) PROPOSED ADDITION TO BE ON SEPARATE SEPTIC SYSTEM
8.) NO OFF-SITE FEATURES OTHER THAN SHOWN
9.) SP1 USED FOR EFFECTIVE SOIL DEPTH AND USED FOR ESHWT

LEGAL DESCRIPTION:
LOT 13, BLOCK B, PINE RIDGE
COLLIER COUNTY, FLORIDA

FOLIO # 67161520002

SEPTIC DRAIN FIELD FOR:
TURK RESIDENCE
115 EAST AVE
COLLIER COUNTY, FLORIDA 34108

REVISIONS:

DATE: 10/20/11
SCALE: AS SHOWN
FILE # 11-065
DRAWN BY: JBK & TC

DRAINFIELD DESIGN & DENSITY, CORP.
FLORIDA ENGINEERING BUSINESS #27909
770 22ND STREET S.E.
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FAX: (239) 206-4440

JAMES B. KUHLMAN, P.E.
FLORIDA REGISTRATION # 22388
DATE: 12-24-11