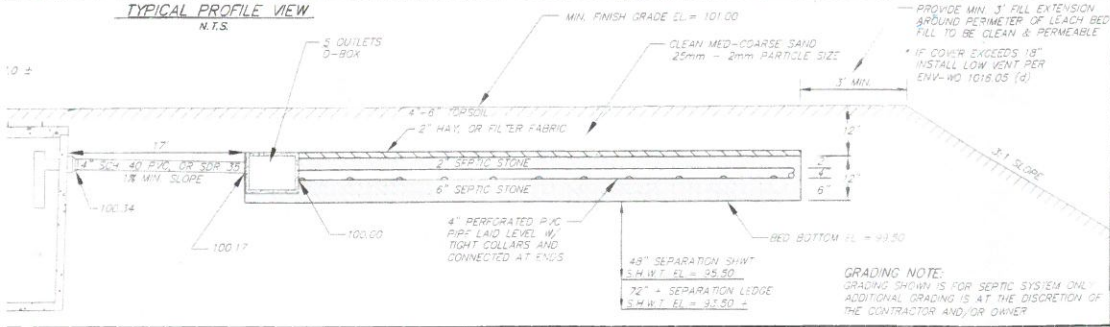


TYPICAL PROFILE VIEW
N.T.S.



TEST PIT LOGS

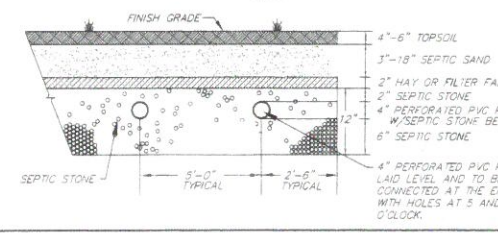
TEST PITS CONDUCTED ON 9/6/2024 BY JOSEPH P. NICHOLS, DESIGNER #1451
WITNESSED BY DENNIS PLANTE TOWN OF RYE SEPTIC CONSULTANT

Test Pit # 1	Test Pit # 2
0' - 8" 10YR 3/3 Dark Brown, Fine Sandy Loam, Granular, Friable	0' - 10" 10YR 3/3 Dark Brown, Fine Sandy Loam, Granular, Friable
8" - 22" 10YR 4/8 Dark Yellowish Brown, Gravelly, Coarse Loam, Granular, Friable	10" - 25" 10YR 4/8 Dark Yellowish Brown, Gravelly, Coarse Loam, Granular, Friable
22" - 30" 10YR 5/3 Brown, Gravelly, Coarse Sand Massive, Friable	25" - 46" 10YR 5/4 Yellowish Brown, Gravelly, Loamy Sand Massive, Friable
30" - 114" 2.5Y 5/2 Grayish Brown, Gravelly, Coarse Loamy Sand Massive, Friable w/ Redox	46" - 77" 2.5Y 5/3 Light Olive Br. Gravelly, Loamy Sand Massive, Firm w/ Redox

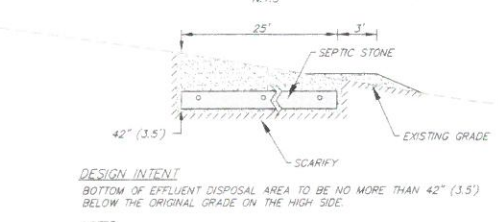
ESHW1 = 30 inches
Roots to 22"
Observed Ground Water = 112"
Restrictive = None
Refusal = None
Perc Rate = 2 min/inch @ 30"

ESHW2 = 46 inches
Roots to 46"
Observed Ground Water = None
Restrictive @ 46 inches
Refusal = None
Perc Rate = 3 min/inch @ 20"

STONE AND PIPE FIELD CROSS SECTION
N.T.S.



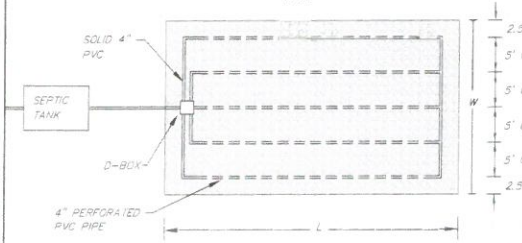
SCHEMATIC EFFLUENT DISPOSAL AREA SECTION
N.T.S.



DESIGN INTENT
BOTTOM OF EFFLUENT DISPOSAL AREA TO BE NO MORE THAN 42" (3.5') BELOW THE ORIGINAL GRADE ON THE HIGH SIDE.

NOTES
1.) SEE SITE PREPARATION AND FILL NOTES
2.) ORIGINAL GRADE: HIGH SIDE ASSUMED TO BE 103.00
3.) MINIMUM FILL EXTENSION WHERE APPLICABLE IS 3"
4.) ALL FILL UNDER RAISED SYSTEMS INCLUDING SHOULDERS TO BE MEDIUM TO COARSE SEPTIC SAND

TYPICAL PLAN VIEW
N.T.S.



DESIGN NOTES:

- TEST PIT PERC RATE: 2 MIN/INCH DEPTH: 30 INCHES
- DESIGN PERC RATE: 4 MIN/INCH
- HYDRAULIC LOADING: 575 GPD
- EXISTING 3 BEDROOMS = 450 GPD
- PROPOSED 1 BEDROOM ADU = 225 GPD
- EFFLUENT DISPOSAL AREA: REQUIRED: 932 S.F. PROVIDED: 25' x 40' = 1,000 S.F.
- NEAREST ABUTTING WELL: 75' +
- NEAREST SURFACE WATER: 75' +
- NEAREST POORLY DRAINED WETLAND: 75' +
- NEAREST VERY POORLY DRAINED WETLAND: 75' +
- USDCS SOIL CLASSIFICATION: 4.3B CANTON WEB SOIL SURVEY
- BENCH MARKS: AS SHOWN
- DESIGN INTENT: THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT EL. 99.50

