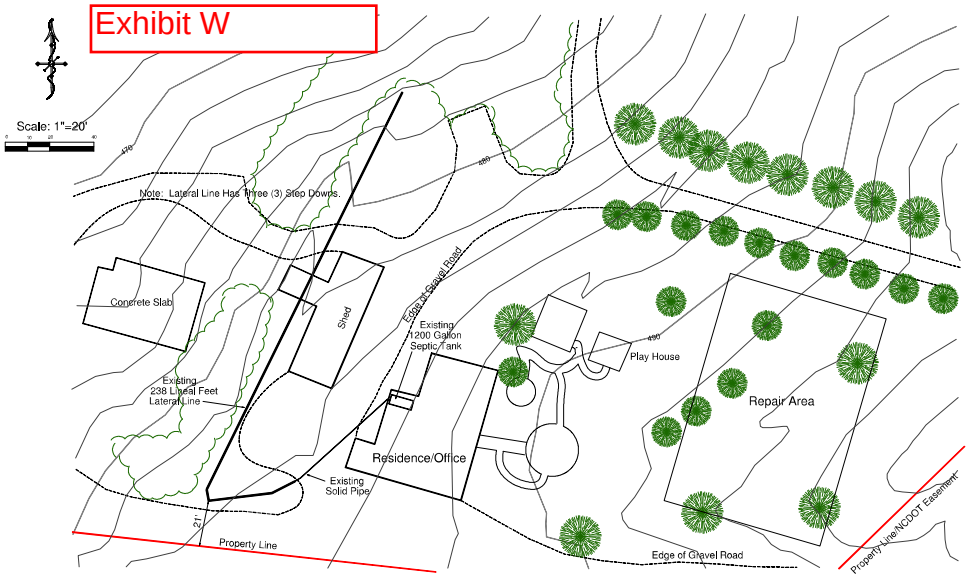
Exhibit W



SITE PLAN VIEW

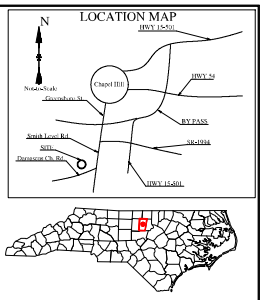
Daily Septic Flow

2 Bedroom	120 g/d/bedroom	240 g/d
Total Daily Flow		195 g/d

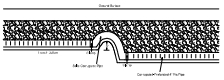
Lateral Line Length: 238 ft.

Daily Application Rate:

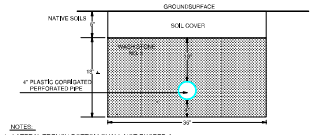
$$\frac{240\ g/d}{(3\ ft)(238\ ft)} = 0.34\ g/d/sf$$



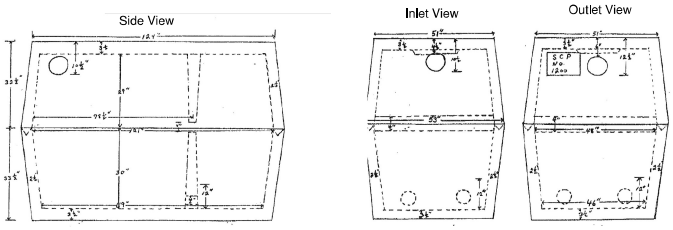
Step-Down Detail(NTS)



Lateral Line Cross-Section (NTS)



1200 Gallon Septic Tank Details (NTS)



Note: Septic Tank Supplier is Southland Concrete Products, Inc.

ENGINEERING & ENVIRONMENTAL SCIENCE COMPANY
3008 Anderson Drive Suite 102
Raleigh, NC 27609
(919) 781-7798

DATE	07/15/20
DRAWN	TPS
REVISED	07/31/20
SCALE	See Drawing
Sheet No.	1

07/31/20

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15472 T. PAUL SMITH

Existing On-Site Septic System
Office/Residence
3200 Damascus Chruch Road
Chapel Hill, NC 27516

Tony Merritt's Gravel Pit
3300 Damascus Chruch Road
Chapel Hill, NC 27516