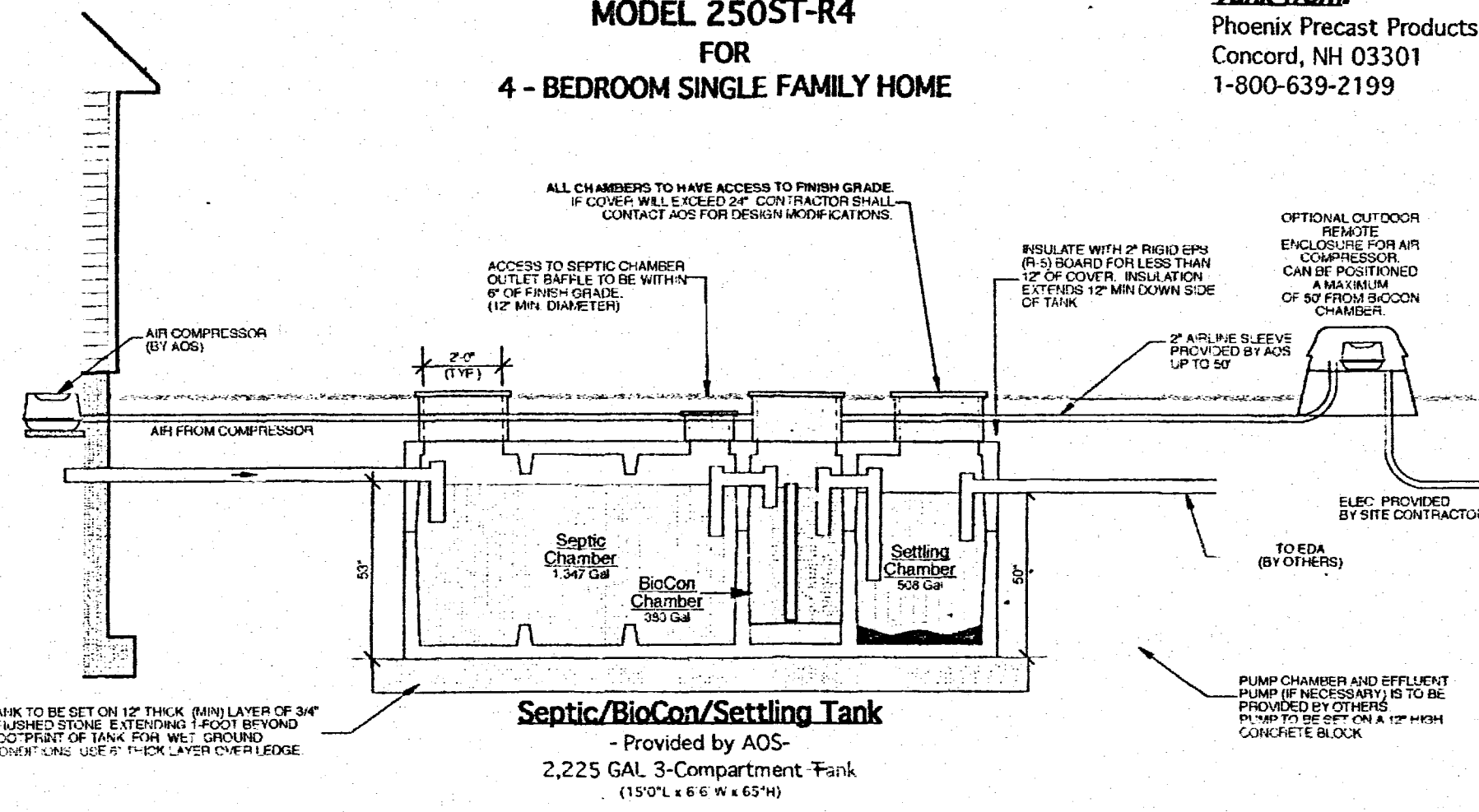


**THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM  
MODEL 250ST-R4  
FOR  
4 - BEDROOM SINGLE FAMILY HOME**

**Tank from:**  
Phoenix Precast Products  
Concord, NH 03301  
1-800-639-2199



**NOTES**

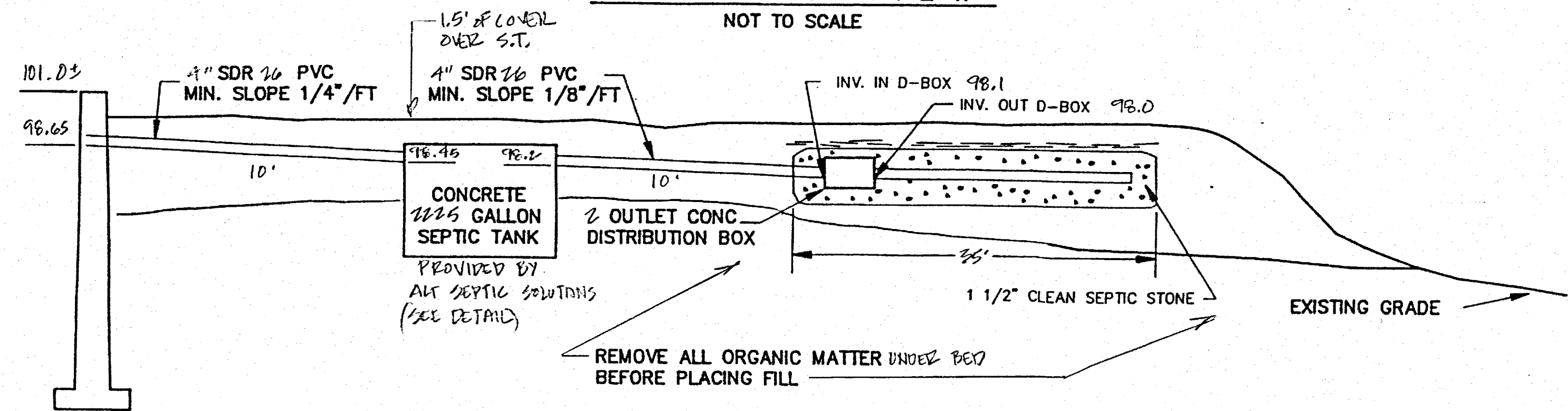
- Primary Septic tank(s) to be pumped out once every two years. More frequent pumping may be required depending upon use.
- See Inspection Agreement for pumping requirements of the BioCon and Setting Chambers.
- If a Pump Chamber is utilized the pump chamber must be pumped and cleaned at the same frequency of the setting beds. More frequent pumping may be required depending on use.
- Tanks are not suitable to drive on unless noted as H-20 loaded tanks.
- For Standard duty tanks plastic floors and covers are provided by AOS based on design plans provided by designer. Contractor to provide additional risers to finish grade if needed.
- For H-20 loaded tanks AOS will provide bolted and gasketed SMH covers. All risers to be provided by the Contractor unless noted otherwise in Sales Agreement.
- Airline Sloves to be provided and installed by site contractor unless noted otherwise. Contact AOS for sizing requirements.
- Contractor/owner to determine the location of compressor prior to AOS being on site to install THE CLEAN SOLUTION components.
- AOS provides all interior baffles.
- ACS provides all interior baffles.
- Exterior venting is required for the BioCon chamber when effluent is pumped to the THE CLEAN SOLUTION system or when a pump is installed to pump to the Effluent Disposal Field (EDF).
- Contractor to follow manufacturer instructions provided on Purchase Order.

Date: 03/16/2019  
Rev: AOS  
Advanced Onsite Solutions LLC  
P.O. Box 248  
Canterbury, NH 03224  
Phone 603.359.4777

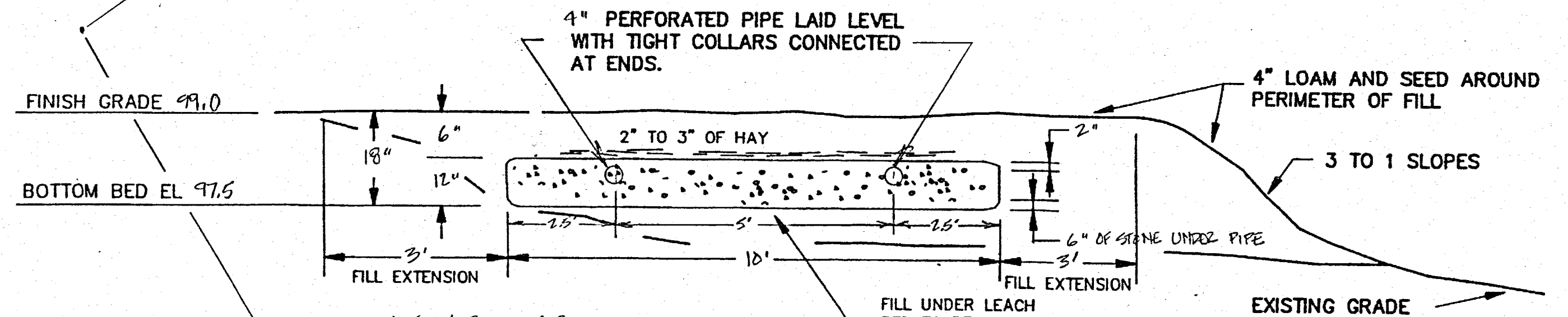
USE PTL TANK TO MEET THE REQUIREMENTS OF ENV-WB 100B.01C  
COAT WITH SEALANT TO PREVENT INTRUSION OR EXFILTRATION

**DESIGN INTENT:** THE BOTTOM OF THE BED SHALL BE CONSTRUCTED AT 97.5' ELEVATION AND THE ELEVATION OF THE HIGH CORNER OF THE DESIGNED BED IS APPROXIMATELY 1.7' ABOVE EXISTING GROUND LEVEL AT THE HIGH CORNER (75.8 SPOT EL.) THIS IS A GRAVITY DESIGN, NO PUMP REQUIRED

**PROFILE VIEW  
NOT TO SCALE**



**CROSS SECTIONAL VIEW  
NOT TO SCALE**



DESIGN FLOW: 4 PERFORMAS  
4 x 150 gal/day = 600 gal/day  
LEACH BED REQUIRED (PER AOS LLC) 75 sq ft  
LEACH BED PROVIDED 10' x 35' = 350 sq ft

PERCOLATION TEST DATA  
DATE: 6-7-21 RATE: 6.0 MIN @ 30"  
TEST PIT DATA  
DATE: 6-7-21 ESTIMATED SEASONAL HIGH WATER @ 30"

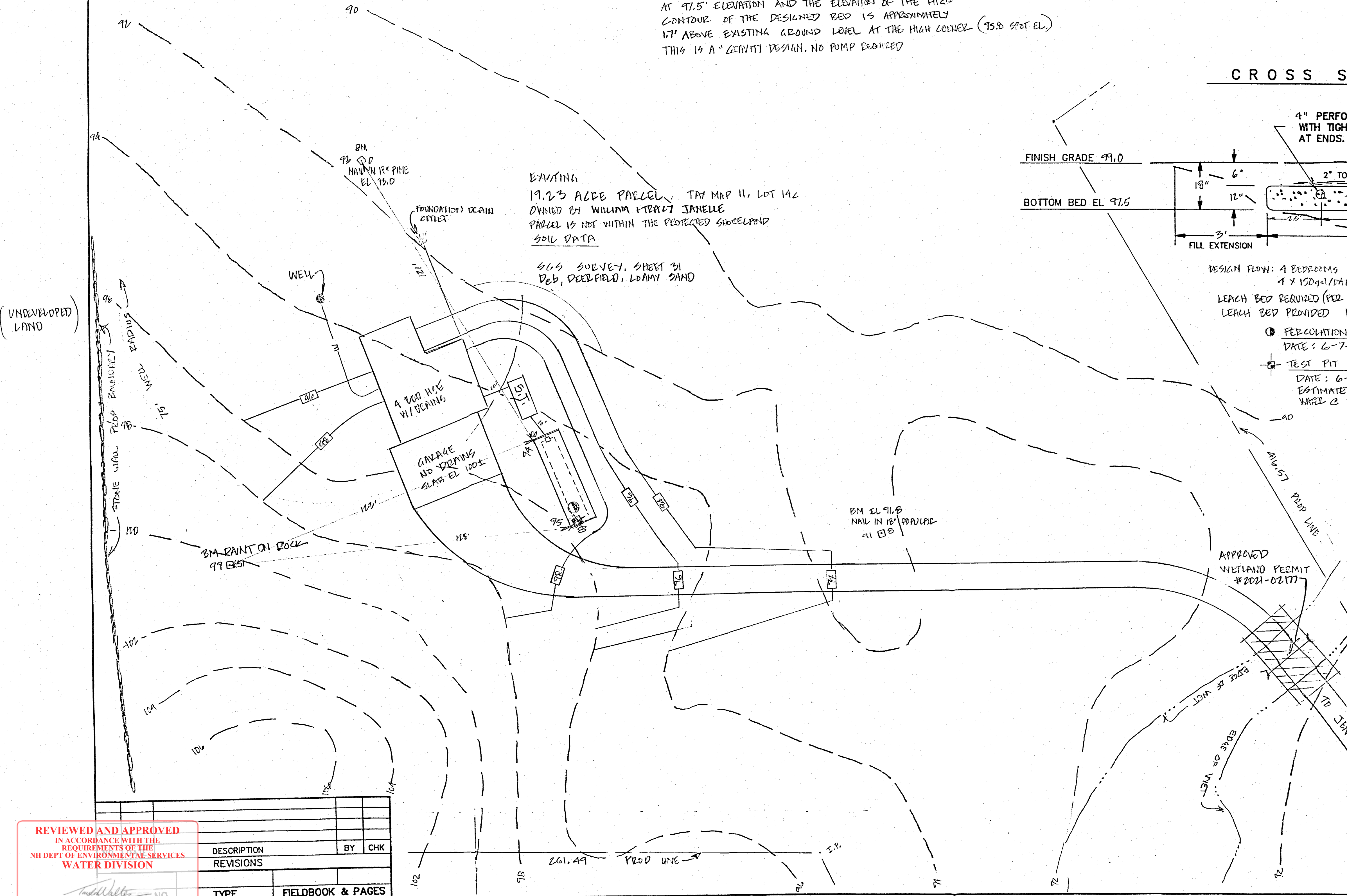
- NOTES**
- SEAL ALL LINES IN THE DISTRIBUTION BOX AND SEPTIC TANK WITH HYDRAULIC CEMENT TO PREVENT LEAKAGE.
  - TO INSURE PROPER OPERATION ALL LINES MUST DISCHARGE EQUALLY.
  - 
  - LEACH BED TO BE REBUILT IN PLACE IF FAILURE OCCURS.
  - IF FOUNDATION DRAINS ARE INSTALLED THE OUTLET MUST BE 75' FROM THE SEPTIC SYSTEM.
  - THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY.
  - NO SEASONALLY WET AREAS OR WELLS EXIST WITHIN 75' OF THE SEPTIC SYSTEM.
  - SEE INCLUDED BOUNDARY SURVEY BY McENERNEY SURVEY ASSOC. FOR WILLIAM + TRACY JANELLE DATED 4/7/2017 FOR PLOT PLAN.

TEST PIT LOG

FSL FERTILE, GRANULAR ROOTS 10' @ 4' @

FSL FERTILE, GRANULAR 10' @ 6' @

NO LEDGE NO WATER



**EXISTING**  
19.23 ACRE PARCEL, TAX MAP 11, LOT 142  
OWNED BY WILLIAM + TRACY JANELLE  
PARCEL IS NOT WITHIN THE PROTECTED SHOULDER SOIL DATA

SUS SURVEY, SHEET 31  
Peb, DEERFIELD, LOAMY SAND

APPROVED WETLAND PERMIT #2021-02177

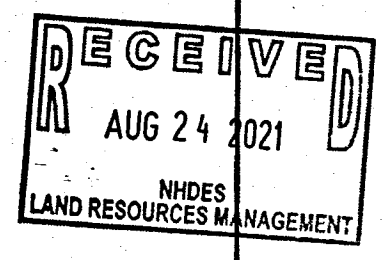
**REVIEWED AND APPROVED**  
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES WATER DIVISION

DESCRIPTION	BY	CHK
REVISIONS		
TYPE		
FIELDBOOK & PAGES		

Date: 9/2/2021  
#CA2021090239

**SEPTIC SYSTEM DESIGN**

PREPARED FOR  
WILLIAM JANELLE  
6 GREAT CONE DRIVE  
NEW MARKET NH, 03357



SCALE: 1" = 20' DATE: 5/29/2021



SUBMITTED BY: WILLIAM JANELLE "PROPERTY OWNER"  
6 GREAT CONE DRIVE  
NEW MARKET NH, 03357

I WILL TAKE FULL RESPONSIBILITY OF PLANS + SOIL LOGS, AND THIS IS MY PRIMARY RESIDENCE PER CHAPTER ENV-WB 100B RULES  
WILLIAM JANELLE