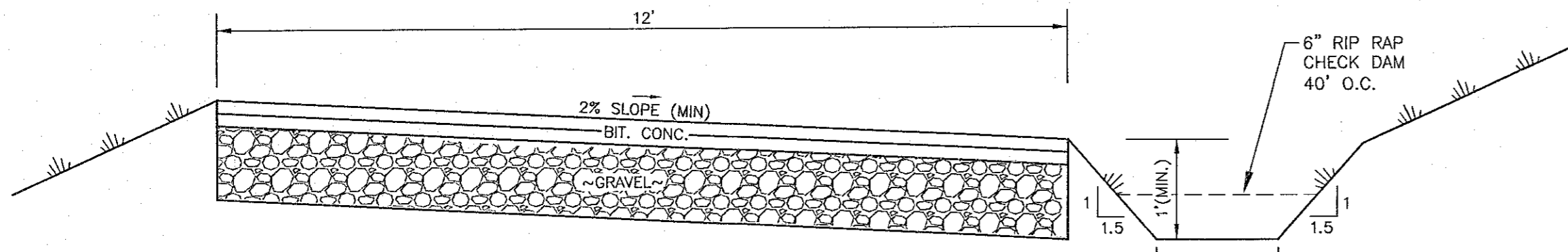
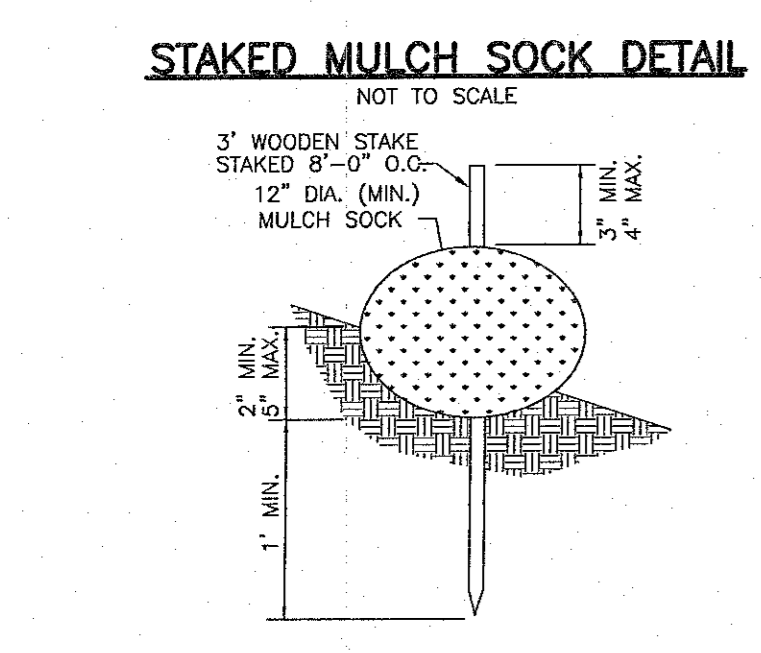


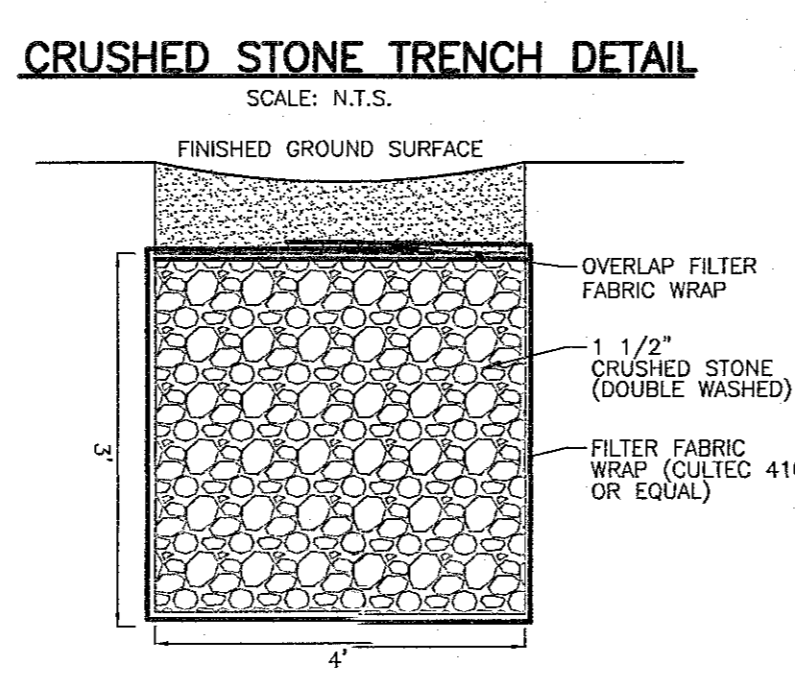
**FULL SITE LAYOUT**  
SCALE: 1" = 50'



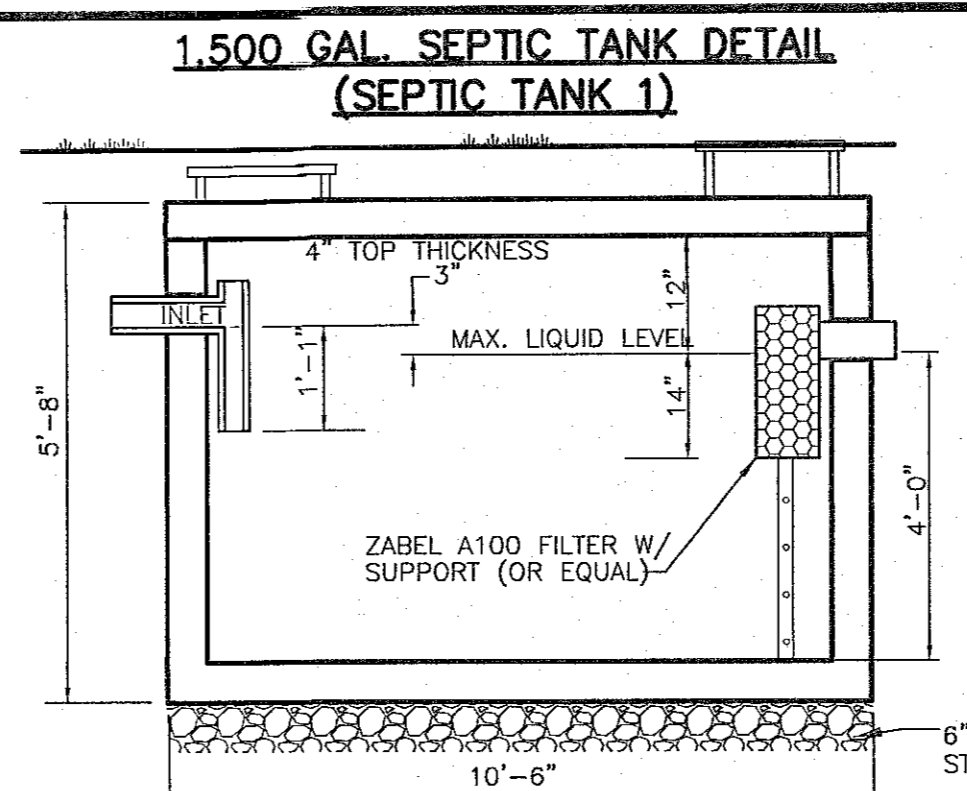
**DRIVEWAY CROSS SECTION**  
SCALE: N.T.S.



**STAKED MULCH SOCK DETAIL**  
NOT TO SCALE

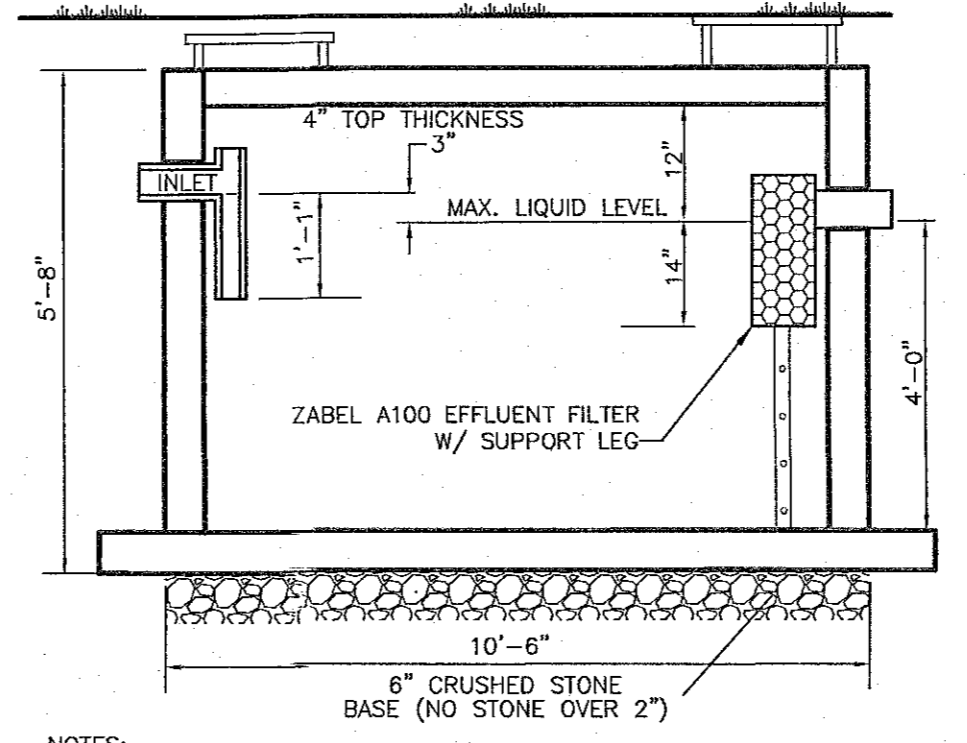


**CRUSHED STONE TRENCH DETAIL**  
SCALE: N.T.S.

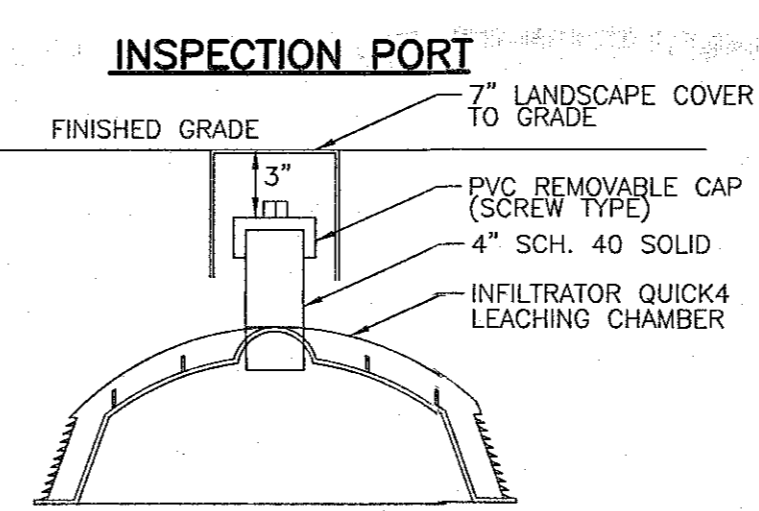


1. THE SEPTIC TANK INLET COVER SHALL BE EXTENDED TO WITHIN 6" OF FINISHED GRADE. THE SEPTIC TANK OUTLET COVER SHALL BE EXTENDED TO FINISHED GRADE.
2. ALL PIPE CONNECTION AND CONSTRUCTION JOINTS SHALL BE SEALED WITH HYDRAULIC CEMENT.
3. SEPTIC TANK SHALL BE INSTALLED ON A LEVEL 6" CRUSHED STONE BASE.
4. OUTLET SHALL BE EQUIPPED WITH A ZABEL A100 EFFLUENT FILTER (OR APPROVED EQUAL).

**1,500 GAL. SEPTIC TANK (MONOLITHIC EXT. BASE) DETAIL (SEPTIC TANK 2)**

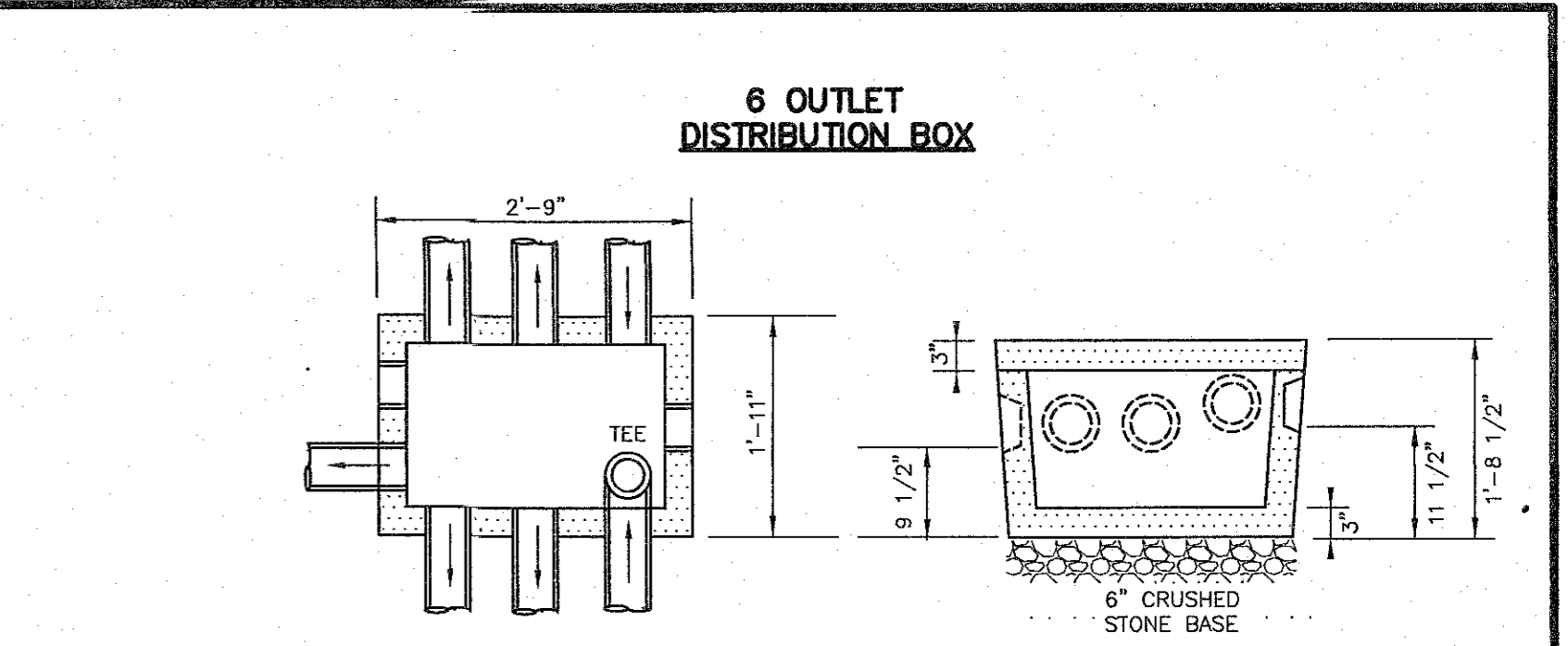
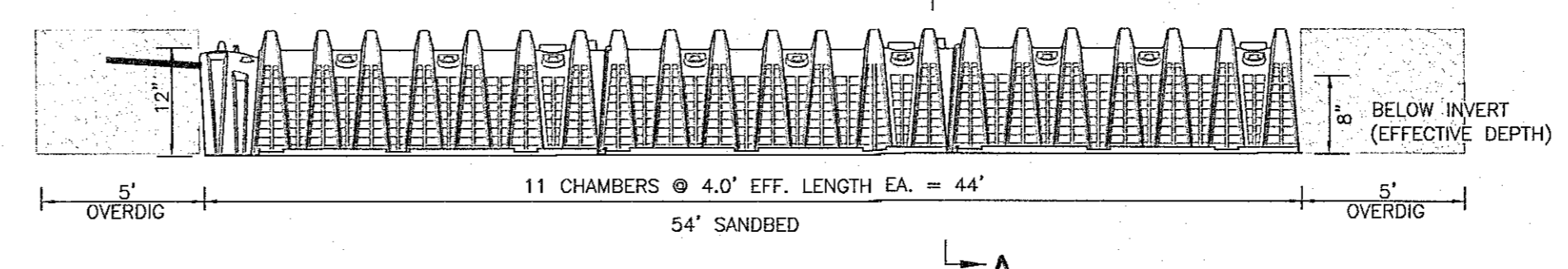


1. THE SEPTIC TANK INLET COVER SHALL BE EXTENDED TO WITHIN 6" OF FINISHED GRADE. THE SEPTIC TANK OUTLET COVER SHALL BE EXTENDED TO FINISHED GRADE & BE EQUIPPED WITH A FRAME & COVER (20" DIA.).
2. ALL PIPE CONNECTION AND CONSTRUCTION JOINTS SHALL BE SEALED WITH HYDRAULIC CEMENT.
3. SEPTIC TANK SHALL BE INSTALLED ON A LEVEL 6" CRUSHED STONE BASE.
4. OUTLET SHALL BE EQUIPPED WITH A ZABEL A100 EFFLUENT FILTER (OR APPROVED EQUAL).



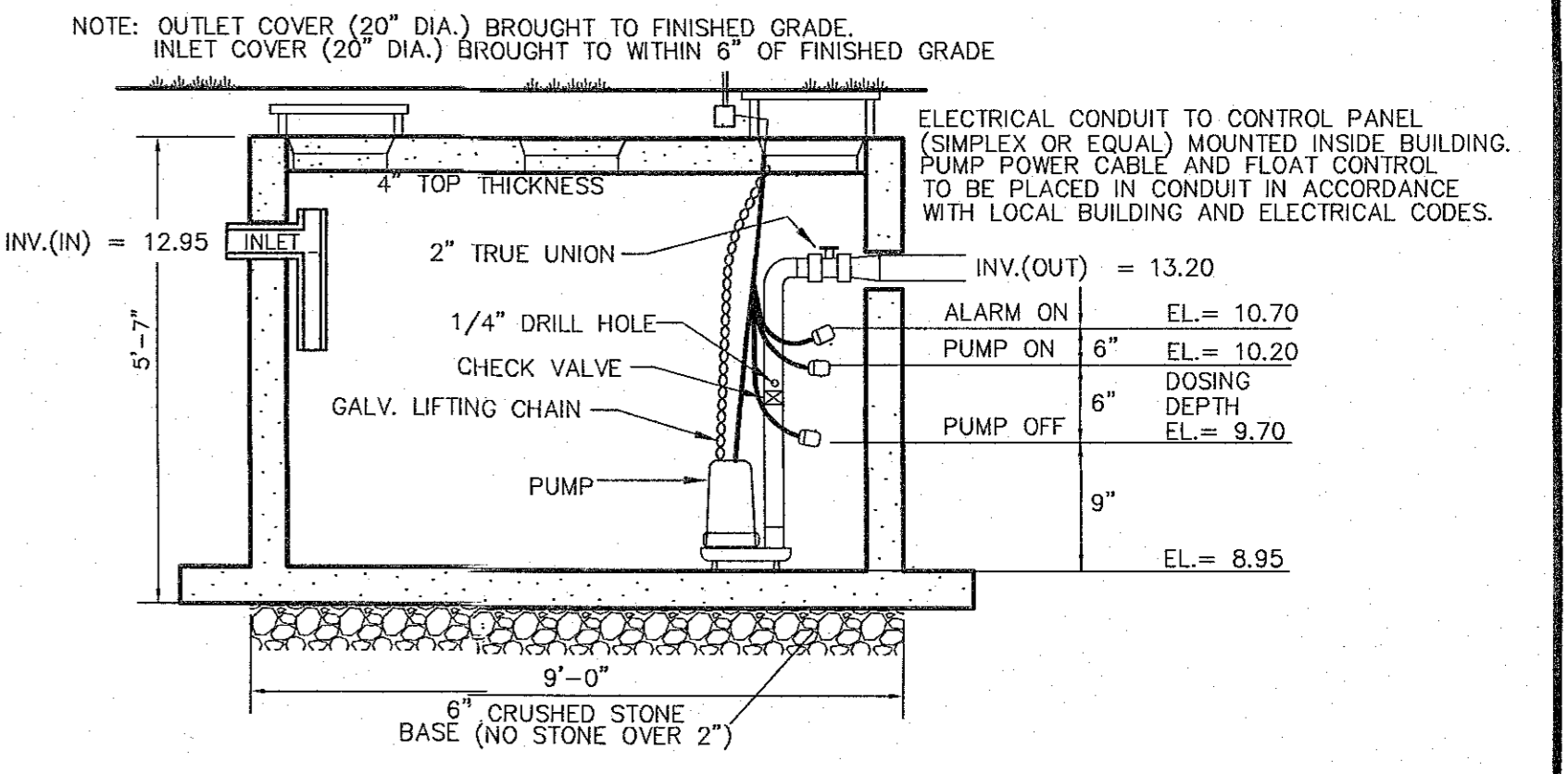
\*CONTRACTOR TO PROVIDE 2 INSPECTION PORTS\*

**INFILTRATOR QUICK 4 CHAMBER SYSTEM**



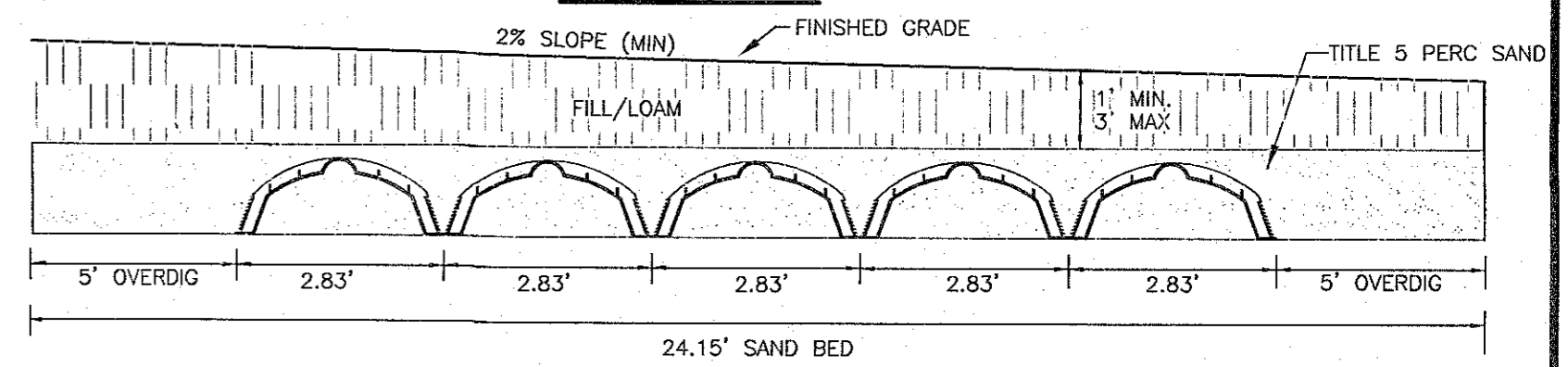
- NOTES:**
1. DISTRIBUTION BOX COVER SHALL BE EQUIPPED WITH RISERS AS NECESSARY TO BRING THE COVER TO WITHIN 6" OF FINISHED GRADE.
  2. ALL PIPE CONNECTION AND CONSTRUCTION JOINTS SHALL BE SEALED WITH HYDRAULIC CEMENT.
  3. DISTRIBUTION BOX TO BE INSTALLED ON A LEVEL 6" CRUSHED STONE BASE.
  4. THE FIRST 2 FEET OF PIPE EXITING THE DISTRIBUTION BOX SHALL BE INSTALLED LEVEL.
  5. THE INLET FROM PUMP CHAMBER SHALL BE EQUIPPED W/2" PVC TEE.

**1,000 GAL. PUMP CHAMBER (MONOLITHIC EXT. BASE) DETAIL**

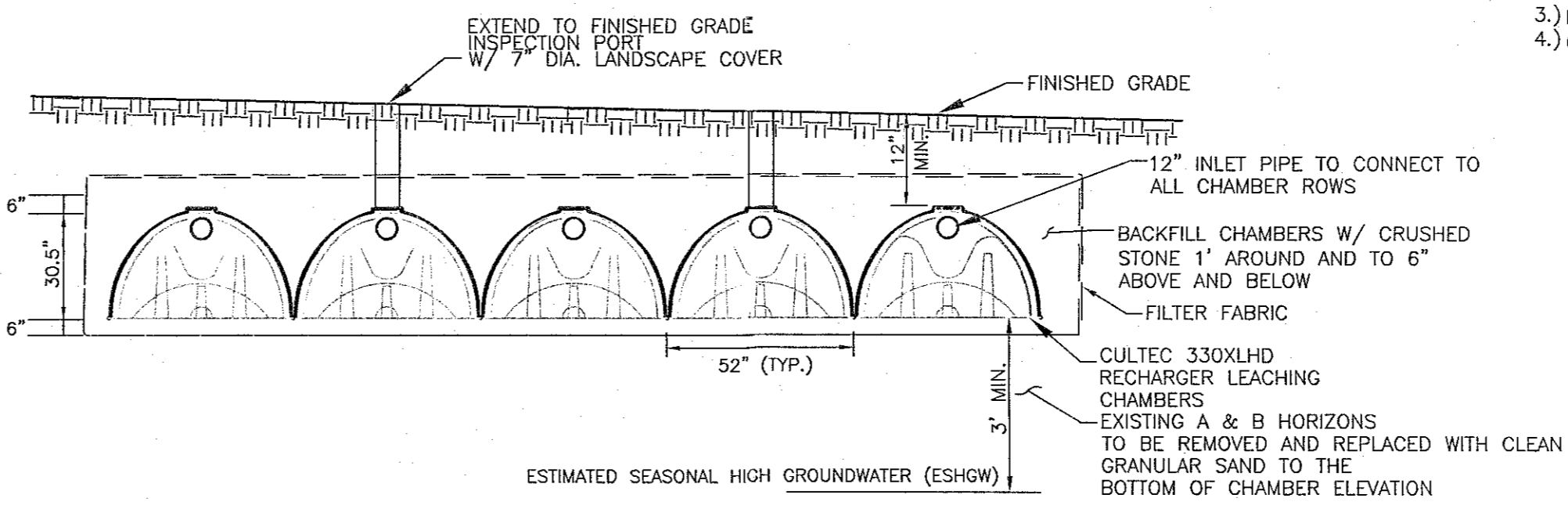


- PUMP DESIGN NOTES:**
1. THE PUMP CONTROLS SHALL BE DESIGNED TO ALLOW THE FIELD TO BE DOSED WITH 125 GAL. PER DOSE (APPROX. 2.5 TIMES IN A 24-HOUR PERIOD UNDER NORMAL OPERATING CONDITIONS).
  2. USE GULLDS SUBMERSIBLE EFFLUENT PUMP W510B, 1/2 HP, 2" DISCHARGE, 2" SOLIDS CAPACITY, T.D.H. = 31.1 FT. @ 15 GPM OR APPROVED EQUAL.
  3. INSTALL HIGH WATER MERCURY FLOAT LEVEL CONTROL IN PUMP CHAMBER WITH VISIBLE FLASHING AND AUDIBLE ALARMS. CONTRACTOR TO COORDINATE LOCATIONS WITH HOMEOWNER. PUMP POWER SHALL BE LOCATED ON SEPARATE CIRCUIT FROM THE ALARM CIRCUIT. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN WITH A VALID ELECTRICAL PERMIT AND TO BE INSPECTED BY THE TOWN WIRING INSPECTOR.
- 24-HOUR EMERGENCY STORAGE (220 GAL. MIN)  
EL = 12.95 INVERT IN  
EL = 10.70 ALARM ON  
2.25' AVAILABLE STORAGE  
x 250 GAL./VERT. FOOT = 562.5 GALLONS

**INFILTRATOR QUICK 4 CHAMBERS SECTION A-A**



- NOTES:**
- 1.) NO STONE BELOW OR AROUND CHAMBERS IS REQUIRED.
  - 2.) BACKFILL CHAMBERS WITH CLEAN COARSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3) TO THE TOP OF THE CHAMBER.
  - 3.) DO NOT BACKFILL WITH ANY STONES 3" OR LARGER AGAINST CHAMBERS.
  - 4.) CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



**SUBSURFACE INFILTRATION SYSTEM TABLE OF ELEVATIONS**

DESCRIPTION	SYSTEM	ELEVATION
ROOF DRYWELL SYSTEM		
BOTTOM OF STONE	31.1	
BOTTOM OF CHAMBER	31.6	
TOP OF CHAMBER	34.1	
TOP OF STONE	34.6	

	PREPARED BY:	
	PROJECT:	
APPLICANT:	CHRISTINE & GREGORY FLETCHER 346 CONGRESS STREET, UNIT 602 BOSTON, MA 02210	DESIGN: JDG CHECK: JMH JOB NO: 20-305 DATE: 10/8/21 REV: -
PLAN TITLE:	SITE & SEPTIC DESIGN PLAN	SHEET: 2