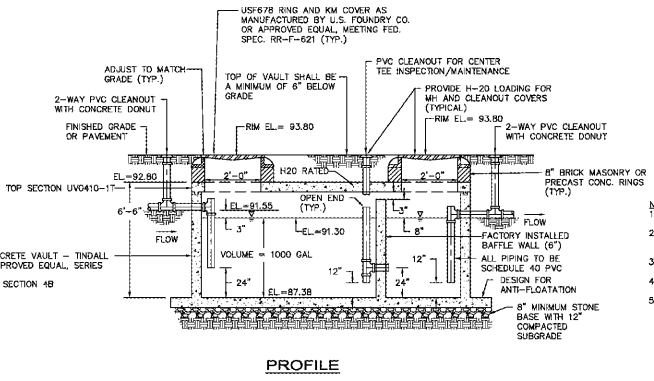
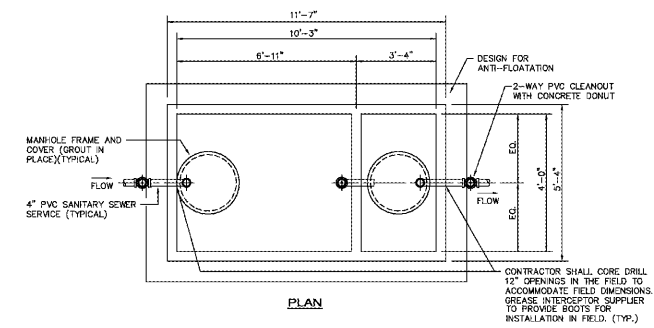
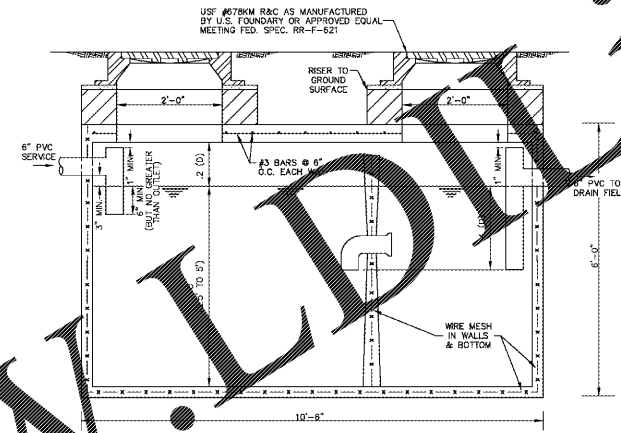


S:\PROJECTS\1320\DRAWINGS\CIVIL\170605\SSU CAMP DANIELS - 170605.DWG - 6/6/2017



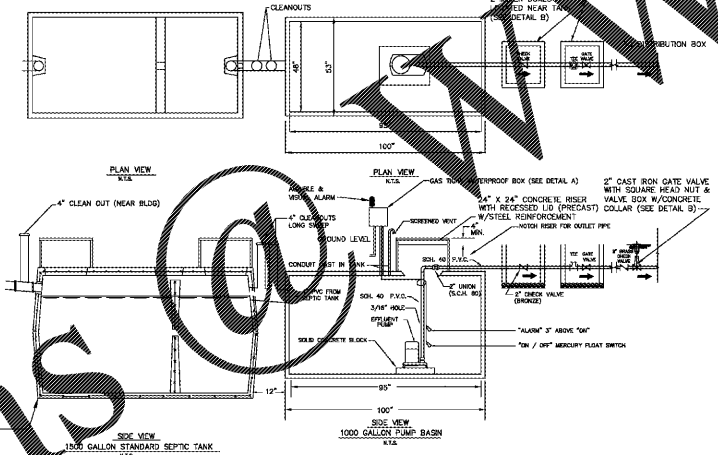
1  
C5.03  
GREASE TRAP - 1000 GAL.  
NOTE: SUBMIT SHOP DRAWINGS FOR APPROVAL.  
NOT TO SCALE



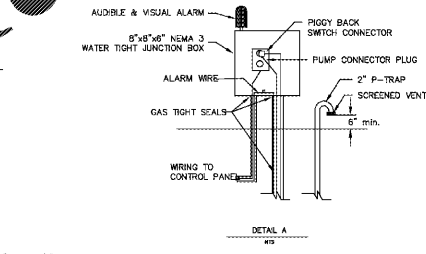
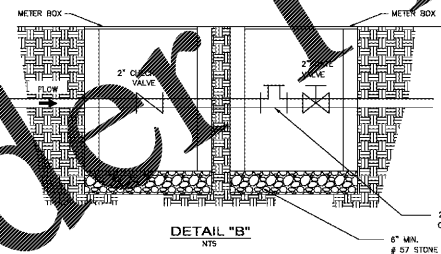
2  
C5.03  
1,500 GALLON STANDARD SEPTIC TANK  
NOTE:  
1. SUBMIT SHOP DRAWINGS FOR APPROVAL.  
NOT TO SCALE

### PUMP DETAILS

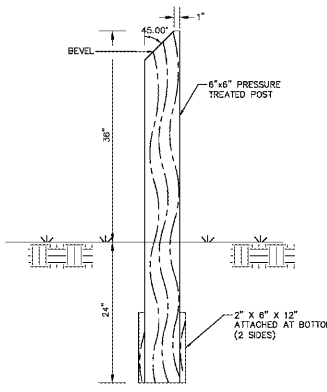
- PUMP** - THE PUMP SHALL BE INSTALLED IN ACCORDANCE WITH THIS DETAIL AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION. USE ABS SCAVENGER MODEL EJ-03W 1/2" HP HIGH HEAD SINGLE PHASE 115V. SUPPLY TO THE OWNER ONE (1) ADDITIONAL PUMP FOR FUTURE USE. PROVIDE SUBMITTAL TO ENGINEER FOR APPROVAL.
- PUMP CONTROLS** - THE CONTROLS SHALL CONSIST OF AN ON AND OFF FLOAT SET IN ACCORDANCE WITH THE DETAIL. FLOAT SWITCHES SHALL BE ADJUSTED TO OBTAIN MAXIMUM WORKING VOLUME IN PUMP CHAMBER. THERE SHALL ALSO BE A HIGH WATER ALARM FLOAT LOCATED AS SHOWN ON THE DETAIL. THIS FLOAT SHALL ACTIVATE A BELL AND A FLASHING RED LIGHT. THERE SHALL BE A RESET SWITCH LOCATED ON THE CONTROL BOX TO DISengage THE ALARM SYSTEM ONCE IT HAS BEEN ACKNOWLEDGED. AN AUDIBLE AND VISIBLE ALARM MUST BE PROVIDED ON CONTROL PANEL.
- PUMP STATION** - THE PUMP STATION SHALL BE TO THE DIMENSIONS SHOWN ON THE DETAIL AND BE STRONG ENOUGH TO SUPPORT LIGHT TRAFFIC, 1000 GALLON CAPACITY.
- INSPECTION** - BEFORE ALLOWING ANY FLOW TO ENTER THIS SYSTEM, THE CONTRACTOR SHALL ARRANGE TO HAVE A FINAL INSPECTION BY THE ENGINEER. NO COMPONENT OF THIS SYSTEM SHALL BE COVERED BEFORE INSPECTION OR APPROVAL. CONTRACTOR MUST BE PRESENT DURING INSPECTION AND THE SYSTEM MUST BE CYCLED TWICE BEFORE FINAL APPROVAL.
- AS-BUILTS** - THE CONTRACTOR SHALL LOCATE THE CHECK VALVE AND GATE VALVE OUTSIDE THE TANK.
- ELECTRICAL** - ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES. A LICENSED ELECTRICIAN SHALL MAKE THE FINAL CONNECTIONS TO THE PUMP AND VERIFY THAT ALL WIRING AND CONTROLS ARE IN ACCORDANCE WITH ALL APPLICABLE CODES. A GAS TIGHT SEAL SHOULD BE MADE BETWEEN THE ELECTRICAL CONNECTION BOX AND THE CONDUIT LEADING TO THE PUMP CHAMBER.
- WARRANTY** - THE CONTRACTOR SHALL AGREE TO PROVIDE A ONE YEAR WARRANTY ON ALL EQUIPMENT AND WORKMANSHIP FOR THE INSTALLATION OF THIS SYSTEM.



3  
C5.03  
1000 GALLON STANDARD SEPTIC TANK  
NOTE: CONTRACTOR TO PROVIDE SHOP DRAWING FOR 1500 GALLON PRECAST TANK AND EFFLUENT TANK.  
NOTE: OPENING OF WEATHER PROOF BOX & 24\"/>



4  
C5.03  
TYPICAL SEPTIC EFFLUENT PUMP SYSTEM  
NOT TO SCALE



4  
C5.03  
WOODEN POST BOLLARD  
NOT TO SCALE

**RBTODD**  
CONSULTING ENGINEERS  
17436 Broad River Road, Suite 212  
Irmo, SC 29063  
Tel: 803.781.3142  
Fax: 803.781.3142  
www.rbtodd.com

**mcmillan | parsons | smith**  
architect  
ashville atlanta charleston greenville spartanburg  
p.o. box 0722 greensville, sc 29604 (864) 242-2034  
www.mcmillanparsonsmith.com



1890 EXTENSION SC STATE UNIVERSITY  
CAMP HARRY G. DANIELS 1890 EXTENSION  
FACILITY CONSTRUCTION  
Agency Review ID: H24-9649-CA

SHEET TITLE	NO.	DATE	DESCRIPTION	BY
OSI CD REVIEW SUBMITTAL	12/16/2016			

**FOR BIDDING**

DETAILS

C5.03

S:\PROJECTS\1320\DRAWINGS\CIVIL\170605\SSU CAMP DANIELS - 170605.DWG - 6/6/2017