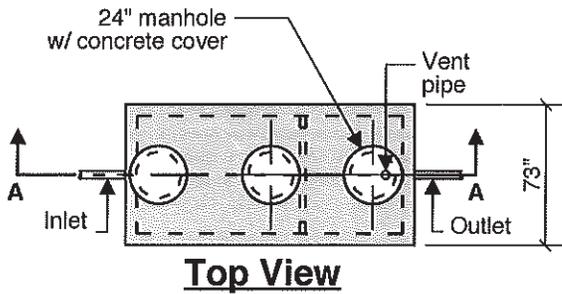
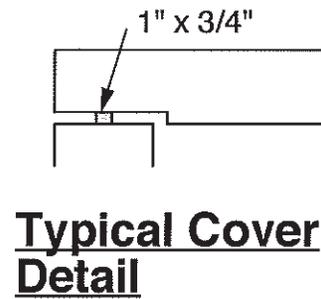
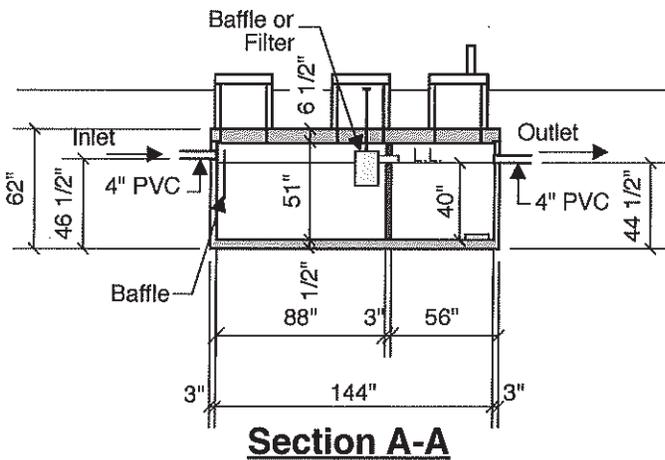
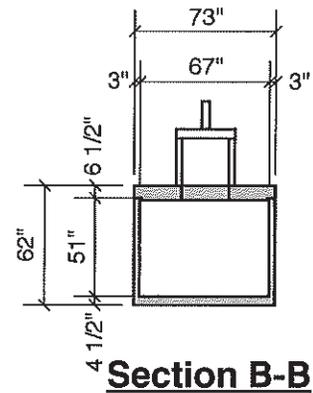
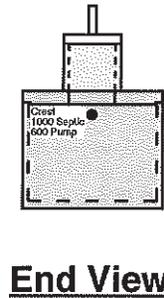
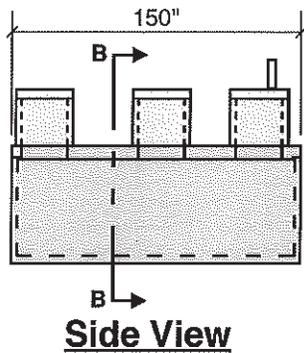


20160232



Conditionally  
**APPROVED**

*Alex Jones*  
SEE CORRESPONDENCE



# **CREST MODEL 1000-600-46 1/2**

Heavy Duty Deep Bury Tank

1000 Septic 600 Pump  
40" LL  
46 1/2" INLET

COMBINATION SEPTIC - PUMP

20160232

## 1000 SEPTIC TANK AND 600 PUMP TANK

40" LIQUID LEVEL  
46 1/2" INLET  
44 1/2" OUTLET  
1020.9 GALLONS ACTUAL IN SEPTIC  
649.6 GALLONS ACTUAL IN PUMP CHAMBER  
16.24 GPI TOTAL IN PUMP CHAMBER  
144" MAXIMUM BURY  
17,500# EMPTY WEIGHT

### DESIGN NOTES:

QUALITY CONTROL PROGRAM IN PLACE  
W/C RATIO OF .040 OR LESS  
6,000 PSI MINIMUM CONCRETE @ 28 DAYS  
VACUUM TESTING IS RANDOM BY CREST  
TANKS DESIGNED TO WITHSTAND THE PRESSURES TO WHICH  
IT WILL BE SUBJECTED PROVIDED INSTALLER TO FOLLOW  
CREST BACK FILL AND BEDDING GUIDE #1-17  
TANK SIZE MARKED ON OUTLET END  
TANK TO ASTM C -1227

### APPLIED REFERENCE NO.

001, 002, 003, 004, 005, 07B, 008, 012  
014, 017, 018, 019, 021, 022, 022A, 022B, 023  
024 AND MOST RECENT APPROVALS THAT INCLUDE  
THE FOLLOWING OPTIONS: FILTERS: DSPS APPROVED BEST, LIFETIME, POLYLOK,  
OR ORENCO MODELS LOCATED AT OUTLET WITH ACCESS OVER FILTERS  
PIPE PORTS: 4", 6", OR 8"  
RISER OPENINGS: MINIMUM 24" DIAMETER OPTION 35", 48",  
OR RECTANGLE / SQUARE WITH MINIMUM 24" CLEAR OPENING

### BAFFLE SIZE

FORMED PVC TYPE 6" MINIMUM WALL TO BAFFLE CLEARANCE  
INLET 8" ABOVE L.L. AND 12" BELOW  
OUTLET 8" ABOVE L.L. AND 16" BELOW OR USE FILTER

### REINFORCEMENT

COVER: 1/2" REBAR 8" O.C.E.W. LOCATED 1 1/4" UP INSIDE FACE  
BOTTOM: 6 x 6 x 6 MESH LOCATED 1" FROM INSIDE FACE  
SIDES: 6 x 6 x 8 MESH LOCATED 1" FROM INSIDE FACE

### SERVICE INTERVAL

489 G.P.D. WHEN USED AS A SEPTIC/PUMP TANK BASED ON A 3 YEAR SERVICE  
INTERVAL FOR RESIDENTIAL WASTE WATER.

### MISC. NOTES

JOINT SEALANT - HIGH GRADE EZ STICK OR CS101  
LABELS - WARNING SIGNS LOCATED ON ALL MANHOLES  
INSTALLATION - SEE SEPARATE INSTALLATION GUIDE  
BAFFLES INSTALLED  
RUBBER GASKETS - ALOK OR PRESS SEAL  
SEALED INTERIOR WALL  
MANHOLE RISERS ARE EQUIPT TO RECEIVE CHAINS & PADLOCKS

*Crest Precast, Inc.*  
*La Crescent, MN & Barneveld, WI*  
609 Klatler La Crescent, MN 55947

Scale		Drawn By:	KGT
Date	8-17-16	Revised	
Project:	SEPTIC-PUMP TANK		
Contractor:	MODEL 1000-600-46.5		