



**40,000 Pump/Holding Tank**

- 127" LIQUID LEVEL
- 146" INLET
- 40,138 GALLONS ACTUAL
- 316.05 GPI TOTAL
- 84" MAXIMUM BURY
- 150,000# EMPTY WEIGHT

**37,000 Septic/Grease**

- 117" LIQUID LEVEL
- 127" INLET
- 125" OUTLET
- 36,978 GALLONS ACTUAL
- 316.05 GPI TOTAL
- 84" MAXIMUM BURY
- 150,000# EMPTY WEIGHT
- GREASE INTERCEPTOR REQUIRES 6 MANHOLES W/ BOLTED AND SEALED CAST IRON COVERS & Warning Label "WARNING DO NOT ENTER TANK W/ OUT PROPER EQUIPMENT"

**DESIGN NOTES:**

QUALITY CONTROL PROGRAM IN PLACE  
 W/C RATIO OF .045 OR LESS  
 6,000 PSI MINIMUM CONCRETE @ 28 DAYS W/ 3% XYPEX 1000  
 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

**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: DOC APPROVED ZABEL, BEAR, BEST OR ORENCO MODELS LOCATED AT OUTLET WITH ACCESS OVER FILTERS
- PIPE PORTS: 4", 6", OR 8"
- RISER OPENINGS: MINIMUM 24" DIAMETER OPTION 36", 48", OR RECTANGLE / SQUARE WITH MINIMUM 24" CLEAR OPENING

**BAFFLE SIZE**

BAFFLES ARE FORMED PVC WITH A MINIMUM OF 6" CLEARANCE TO WALL  
 INLET 9" ABOVE L.L. AND 24" BELOW L.L.  
 OUTLET 9" ABOVE L.L. AND 48" BELOW L.L.  
 GREASE OUTLET 9" ABOVE L.L. AND 77" BELOW L.L.

**REINFORCEMENT**

BOTTOM, TOP & SIDES: 4 x 4 x 4 MESH LOCATED 1 1/4" FROM INSIDE FACE  
 POST TENSION CABLES ARE CAST INTO BOTTOM TOP & SIDES FOR ADDITIONAL DESIGN REQUIREMENTS

**MISC. NOTES**

JOINT SEALANT - HIGH GRADE EZ STICK OR CS101  
 LABELS - WARNING SIGNS LOCATED ON ALL MANHOLES  
 ALL MANHOLES TO HAVE SECURE LOCKING DEVICE  
 INSTALLATION - SEE SEPARATE INSTALLATION GUIDE  
 BAFFLES INSTALLED  
 PIPE BOOTS ARE ALOK OR PRESS SEAL BRAND

40,000 GALLON Pump/Holding	135" LL
146" INLET	
1 or 2 Compartment	

37,000 GALLON Septic/Grease	121" LL
127" INLET	
1 or 2 Compartment	

38,000 GALLON Septic/Grease	126" LL
132" INLET	
1 or 2 Compartment	

**Crest Precast, Inc.**  
 La Crescent, MN & Barneveld, WI  
 800-658-9045

Date	3-7-11	Drawn By:	KGT
Project:	40,000 GALLON PUMP/HOLDING	Revision	
Contractor:		Drawing Number	MODEL 40,000