750-550 COMBINATION TANK

750 Septic - 550
36" LL
41" INLET

COMBINATION SEPTIC - PUMP
COMBINATION SEPTIC - SIPHON
COMBINATION SEPTIC - SEPTIC

36" LIQUID LEVEL
41" INLET
39" OUTLET
753 GALLONS ACTUAL COMPARTMENT #1
589 GALLONS ACTUAL COMPARTMENT #2
16.36 GPI IN COMPARTMENT #2
120" MAXIMUM BURY
14,000# EMPTY WEIGHT

20120386

DESIGN NOTES:
QUALITY CONTROL PROGRAM IN PLACE
W/C RATIO OF .040 OR LESS
5,500 PSI MINIMUM CONCRETE @ 28 DAYS
VACUUM TESTING IS RANDOM BY CREST
TANKS DESIGNED TO WITHSTAND THE PRESSURES TO WIHICH
IT WILL BE SUBJECTED PROVIDED INSTALLER TO FOLLOW
CREST BACK FILL AND BEDDING GUIDE #1-17
TANK SIZE MARKED ON OUTLET END

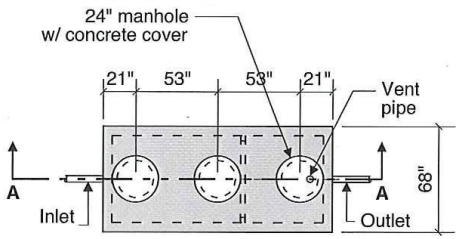
APPLIED REFERENCE NO.
001, 002, 003, 004, 005, 07B, 008, 012
014, 017, 018, 019, 021, 022, 022A, 022B, 023
024 AND MOST RECENT APPROVALS THAT INCLUDE
THE FOLLOWING OPTIONS: FILTERS: DSPS APPROVED BEAR, ORENCO
OR POLYLOK MODELS LOCATED AT OUTLET WITH ACCESS OVER FILTERS
PIPE PORTS; 4" OR 6"
RISER OPENINGS: 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

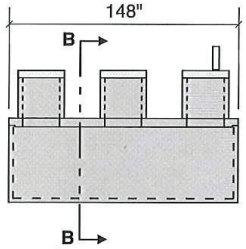
REINFORCEMENT
COVER: 1/2" REBAR 8" O.C.E.W. LOCATED 1 1/4" UP INSIDE FACE
BOTTOM: 6 x 6 x 6 MESH LOCATED 1" FROM INSIDE FACE
SIDES: 6 x 6 x 8 MESH LOCATED 1" FROM INSIDE FACE

SERVICE INTERVAL
642 G.P.D. WHEN USED AS A SEPTIC - SEPTIC TANK BASED ON A 3 YEAR SERVICE INTERVAL FOR RESIDENTIAL WASTE WATER.
360 G.P.D. WHEN USED AS A SEPTIC - SIPHON OR SEPTIC - PUMP

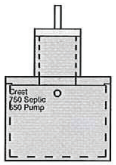
MISC. NOTES
JOINT SEALANT - HIGH GRADE EZ STICK OR CS101
LABELS - WARNING SIGNS LOCATED ON ALL MANHOLES
INSTALLATION - SEE SEPARATE INSTALLATION GUIDE
BAFFLES INSTALLED
RUBBER GASKETS - ALOK OR PRESS SEAL



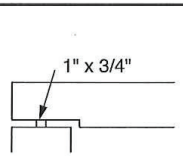
Top View



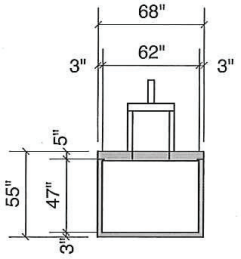
Side View



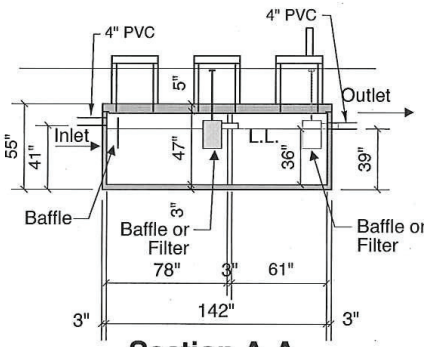
End View



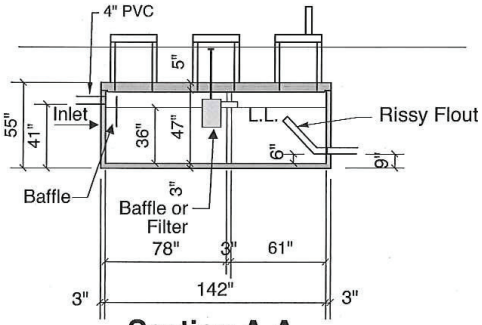
Typical Cover Detail



Section B-B



Section A-A
@ Septic - Septic
or Septic - Pump



Section A-A
@ Septic - Siphon

Conditionally APPROVED
DEPARTMENT OF COMMERCE
DIVISION OF SAFETY AND BUILDINGS
SEE CORRESPONDENCE

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

Scale		Drawn By	C.A.P.
Date	11-26-12	Revision	2-26-13

Project: 750-550 Combo Tank
Contractor:
Drawing Number: MODEL 750-550