

Product #916-4DGT Notes And Details

GALLON CALCS:

1ST COMP: 10'-4" X 9' X 4' X 7.48 = 2781 GALS.
 2ND COMP: 5'-2" X 9' X 4' X 7.48 = 1390 GALS.

NON-TRAFFIC RISERS:

PVC: 24" DIA & FIB. COVER (TO GRADE)
 CONCRETE: 24" DIA X 8" OR 12" (6" BELOW GRADE)
 BEDDING: 4" PEA GRAVEL OR COMPACTED CRUSHED GRAVEL (NO WATER PRESENT)
 EXCAVATION: 1' LARGER EACH WAY THAN TANK DIM.

TRAFFIC RISERS / COVERS:

24" DIA. GRADE RINGS (2",3",4",5",6",13")
 4" X 24" DIA CAST-IRON GASKETED BOLT DOWN
 BEDDING: 4" PEA GRAVEL OR COMPACTED CRUSHED GRAVEL (NO WATER PRESENT)
 EXCAVATION: 1' LARGER EACH WAY THAN TANK DIM.

WEIGHTS/SECTION:

TOP: 19097#
 WALL: 4575# PER VERTICAL FOOT
 BOTTOM: 19097#

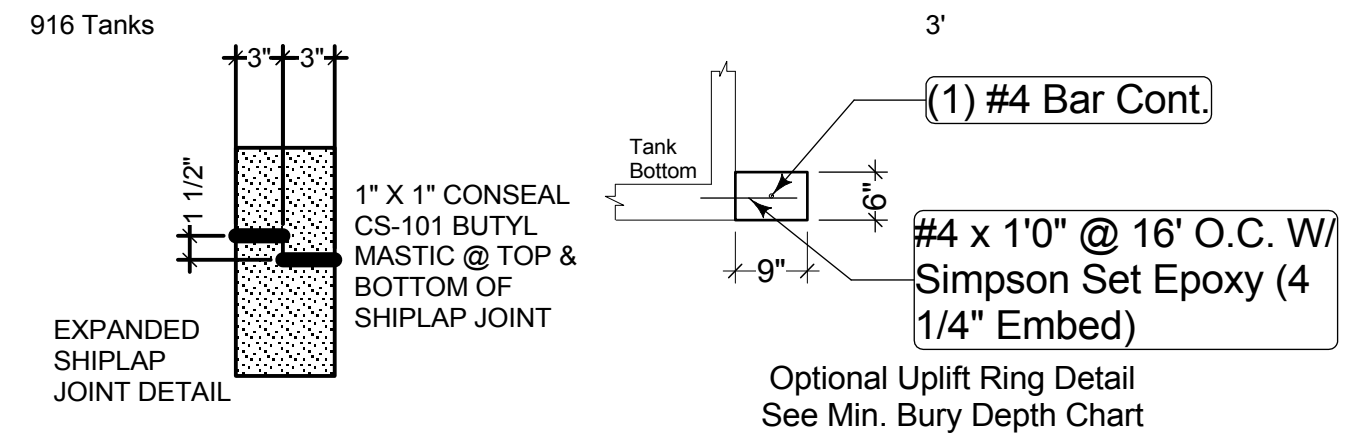
NOTES:

- 1043 GALLONS/VERTICAL FOOT CAPACITY.
- ON-SITE CRANE SUPPLIED BY CONTRACTOR (20,000# PICK TO CENTER OF EXCAVATION)
- WIDE FLANGE INSTALL (IF REQ'D) BY CONTRACTOR
- TANK IS TO BE BACKFILLED PRIOR TO FILLING. WARRANTY VOID IF FILLED PRIOR TO BACKFILL.
- Wide Flange Not Required If:
 - Double Compartment Tanks Only:
 - Tank is 0'0" Below Grade, In Non-Traffic Area and No Groundwater is Present
 - Tank is 5'0" Below Grade, In Non-Traffic Area and No Groundwater is Present
 - Tank is 0'0" Below Grade, In Traffic Area and No Groundwater is Present
 - Tank is 0'0" Below Grade, In Non-Traffic Area and Groundwater is at Grade Max.
- If Tank is located in Traffic Area with 5'0" Bury and Water @ Grade (3) W16 Beams each long side and (1) W16 Beam each short side and #6 @ 5" O.C. Horiz in the Walls is Required.

Min. Bury Depth For No Uplift Ring Required with Water at Grade

916 Tanks 5'

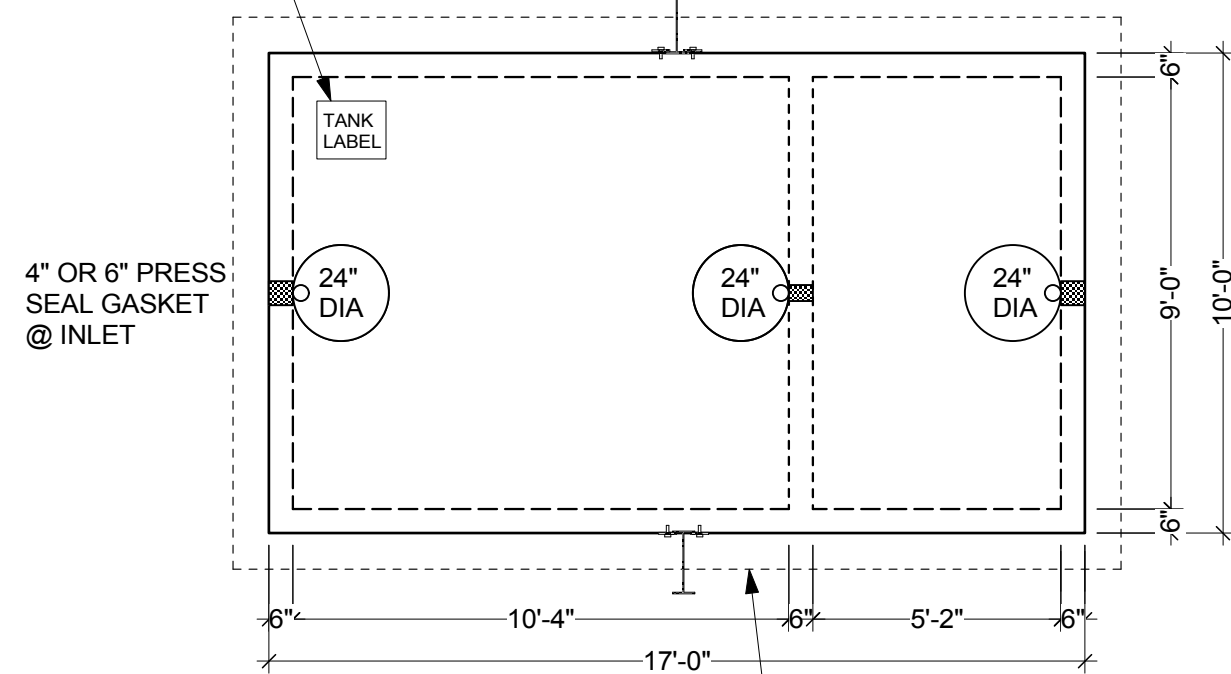
Min. Bury Depth For No Uplift Ring Required with Water at Top of Tank



Detail A

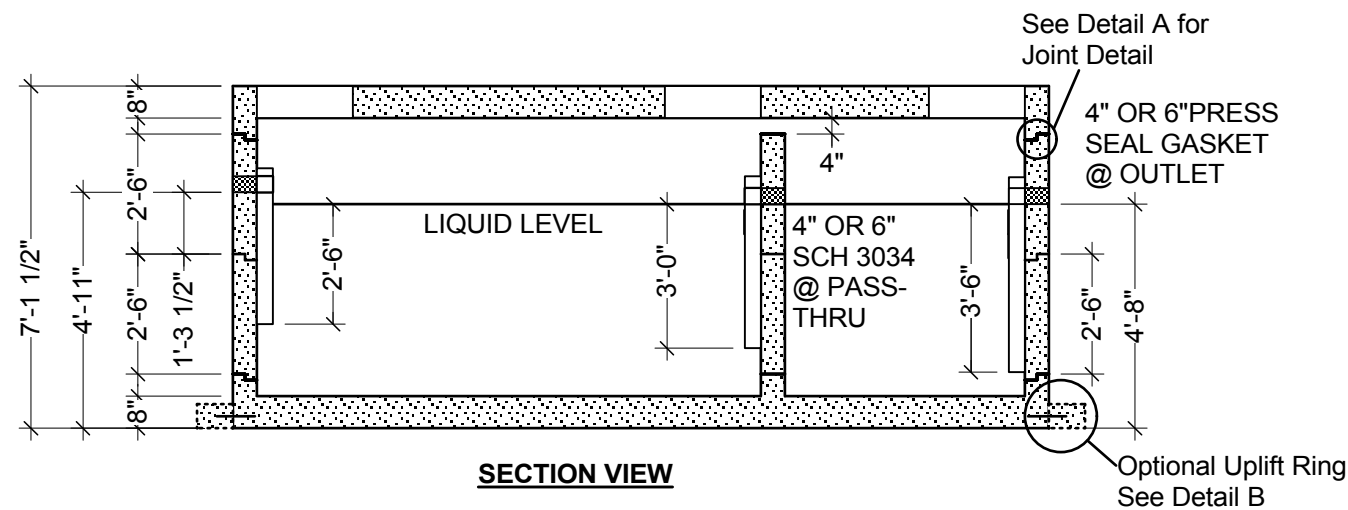
Detail B

WILBERT PRECAST
 SIZE: 4000 GREASE TRAP
 MAX BURY 5'-0"
 MFG. DATE: ___/___/___
 MODEL: 916-4DGT



TOP VIEW

Optional Uplift Ring 18'-6" x 11'-6"
 Outside Dimensions



SECTION VIEW

SCALE: 1/4" = 1'-0"

4000 GALLON GREASE TRAP DESIGN
 TRAFFIC BEARING
 PRODUCT # 916-4DGT

NOTES:

REBAR:
 WALLS: #6 @ 6" O.C. HORIZONTAL
 #4 @ 10" O.C. VERTICAL
 TOP & BOTTOM: #6 @ 6" O.C. SHORT DIRECTION
 #5 @ 12" O.C. LONG DIRECTION
 (2) #5 BAR LONG SIDE OF ACCESS (2) #6 BAR SHORT SIDE

Revision # and Date

Cust. Int.

Drawn By: Dan Newbury Date: 5/5/2011

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