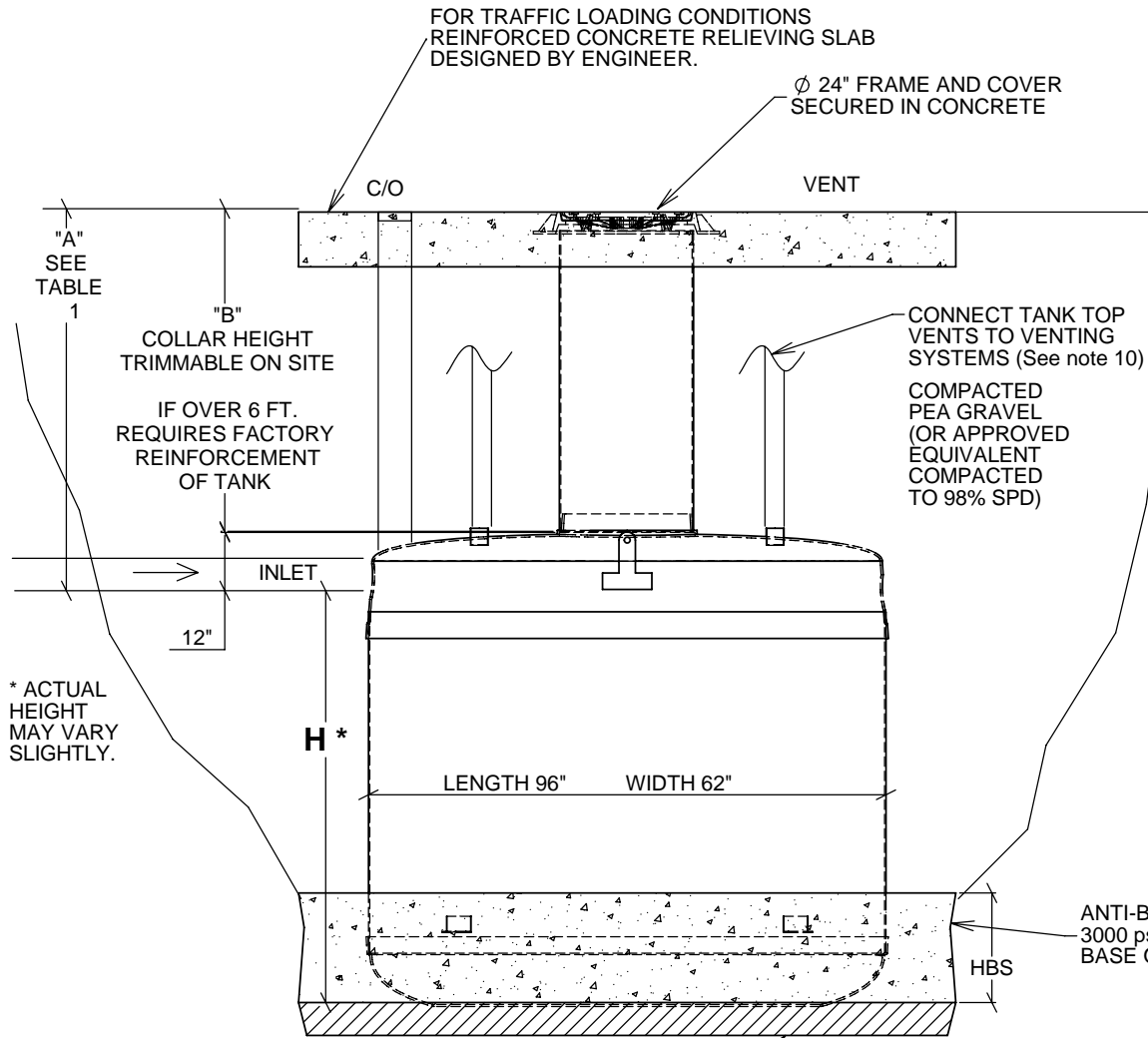


EHT 500, 750, 1000, 1300, 1500(1) UNDERGROUND INSTALLATION PROCEDURE



NOTES:

- EXCAVATE TO THE REQUIRED DEPTH, LENGTH AND WIDTH IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) PRACTICES. PROVIDE 12" OF FREE SPACE AROUND THE UNIT AT THE BOTTOM.
- INSTALL & LEVEL 6" LAYER OF COMPACTED PEA GRAVEL (OR APPROVED EQUIVALENT BACKFILL COMPACTED TO 98% STANDARD PROCTOR DENSITY (SPD))
- FOR INSTALLATIONS WHERE THE SUBSURFACE WATER LEVEL MAY RISE ABOVE THE BOTTOM OF THE TANK AT ANY TIME, CONTINUE TO STEP 4. OTHERWISE, GO TO STEP 5 AND SKIP STEPS 6 AND 7.
- IF USING APPROVED BACKFILL MATERIAL INSTEAD OF PEA GRAVEL, INSTALL GEOTEXTILE FILTER FABRIC TO PREVENT MIGRATION AND COMPACT BACKFILL IN 6" TO 8" LAYERS TO 98% SPD.
- LEVEL TANK ON BACKFILL. FLAT BASE OF TANK MUST BE SUPPORTED BY CONTINUOUS CONTACT WITH A FLAT SURFACE.
- FILL THE TANK WITH WATER UP TO THE REQUIRED HEIGHT OF THE BUOYANCY SLAB (HBS) - SEE TABLE BELOW.
- POUR CONCRETE READY MIX ANTI-BOUYANCY SLAB 12" HORIZONTALLY ALL AROUND THE TANK TO HEIGHT REQUIRED. ENSURE THAT ANCHOR BRACKETS ON SIDE OF TANK ARE COVERED.
- FILL TANK WITH WATER UP TO THE INLET PIPE.
- BACKFILL UP TO INLET PIPE WITH COMPACTED PEA GRAVEL (OR APPROVED EQUIVALENT COMPACTED TO 98% S.P.D.) IN 6" TO 8" LAYERS.
- CONNECT THE INLET AND VENT PIPING. VENT PER LOCAL PLUMBING CODE.
- SLIP FIT EXTENSION COLLAR (EC2) OVER NECK OF TANK. FIT 24" DIA. FRAME AND COVER ON TOPOF COLLAR AND TRIM IF NECESSARY TO FIT FINISHED GRADE. USE FIBERGLASS SIKAFLEX CAULKING FOR WATERTIGHT SEAL AT EXTENSION JOINTS IF DESIRED. INSTALL CLEANOUT EXTENSION IF REQUIRED BY CODE.
- BACKFILL WITH COMPACTED PEA GRAVEL, (OR APPROVED EQUIVALENT COMPACTED TO 98% SPD) TO MINIMUM 6" ABOVE THE BASE OF THE EXTENSION COLLAR.
- FOR TRAFFIC LOADING CONDITIONS, POUR REINFORCED BEARING SLAB AT SURFACE GRADE WITH TRAFFIC LOADING FRAME AND COVER EMBEDDED IN SLAB AND CENTRED OVER EXTENSION COLLAR. FOR TRAFFIC LOADING SLAB, CONSULT WITH STRUCTURAL ENGINEER.
- PUMP TANK DRY BEFORE PUTTING INTO SERVICE.
- GREEN TURTLE HOLDING TANKS MUST BE INSTALLED IN ACCORDANCE WITH ALL RELEVANT FEDERAL, PROVINCIAL/STATE, AND LOCAL CODES INCLUDING LOCAL PLUMBING CODE.

TANK MODEL	INLET INVERT TO TANK BOTTOM (H*)	HEIGHT OF BUOYANCY SLAB (HBS)	DRY WEIGHT OF TANK
EHT 500	32"	18"	500 lbs
EHT 750	45"	19"	575 lbs
EHT 1000	59"	26"	650 lbs
EHT 1300	74"	35"	745 lbs
EHT 1500(1)	85"	41"	805 lbs

BURIAL DEPTH	A	B
Max.	7 ft.	6 ft.
Min. with Traffic	36"	24"
Min. no Traffic	24"	** 12"

MIN. 6" COMPACTED PEA GRAVEL
(OR APPROVED BACKFILL
COMPACTED TO 98% SPD)

** MAY VARY DEPENDING ON
VENT PIPING AND FLOOR SLAB

TITLE: FRP HOLDING TANKS
INSTALLATION PROCEDURE
FOR EHT MODELS 500-1500(1)

ALL DIMENSIONS IN INCHES

PROJECT: WO:

REV	DATE	DRAWN
1	NOV. 24, 2006	L. SIMKINS
2	JANUARY 17, 2008	L. SIMKINS
3		
4		
5		
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7		
8		
9		
10		

DRAWN BY: L. SIMKINS
DRAWN DATE: 6/29/6

TM
greenturtle

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SIZE	DWG. NO.	REV.
A	INSTALL EHT 500-1500(1)	2

SCALE: 1:35 DO NOT SCALE DRAWING SHEET 1 OF 1