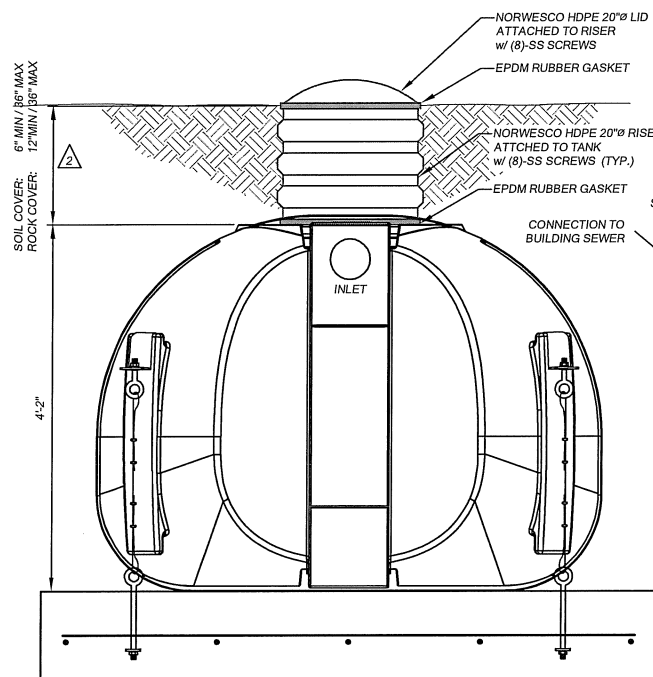
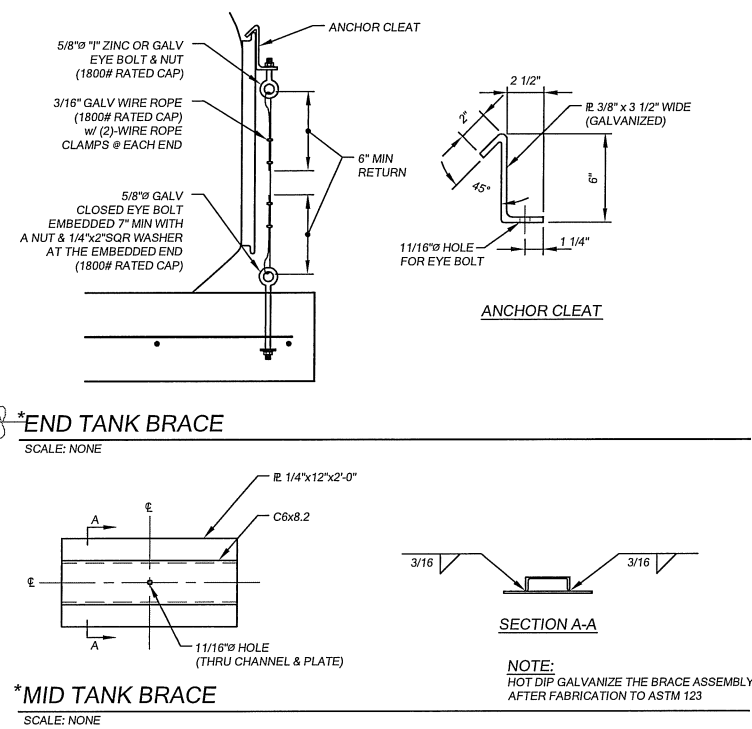
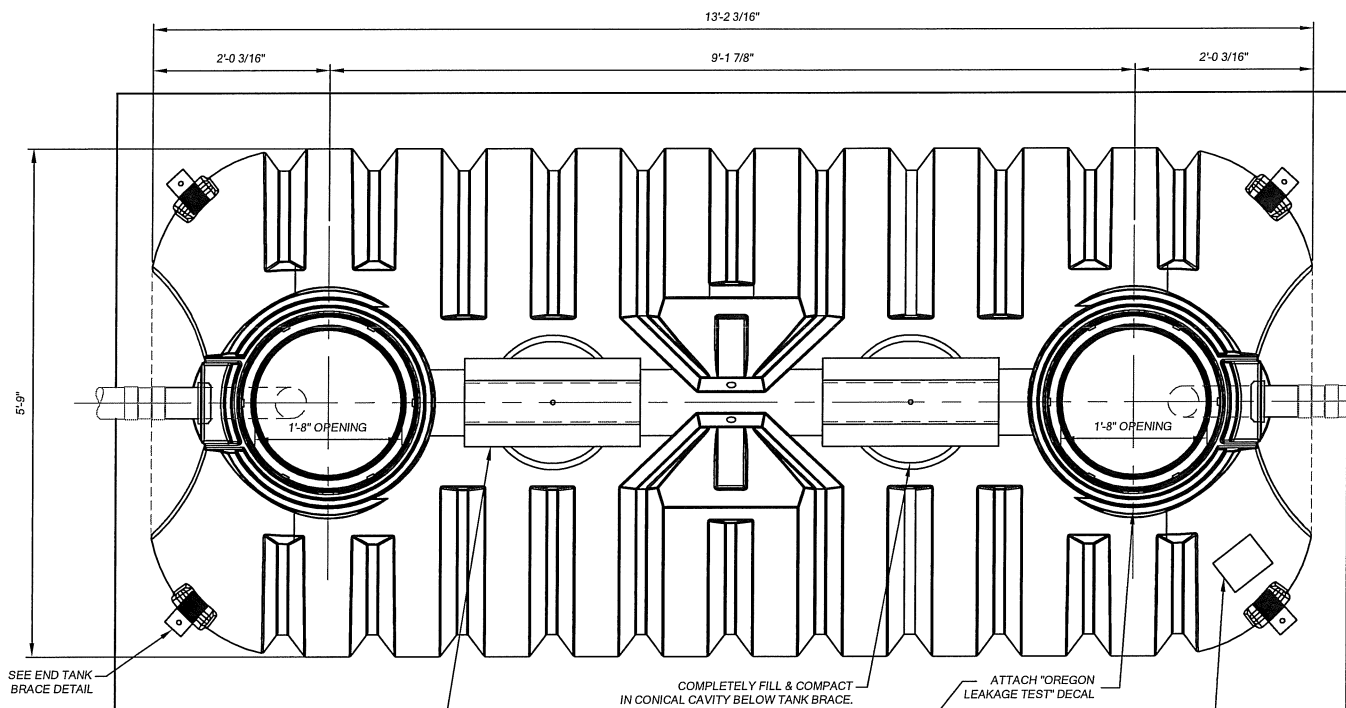


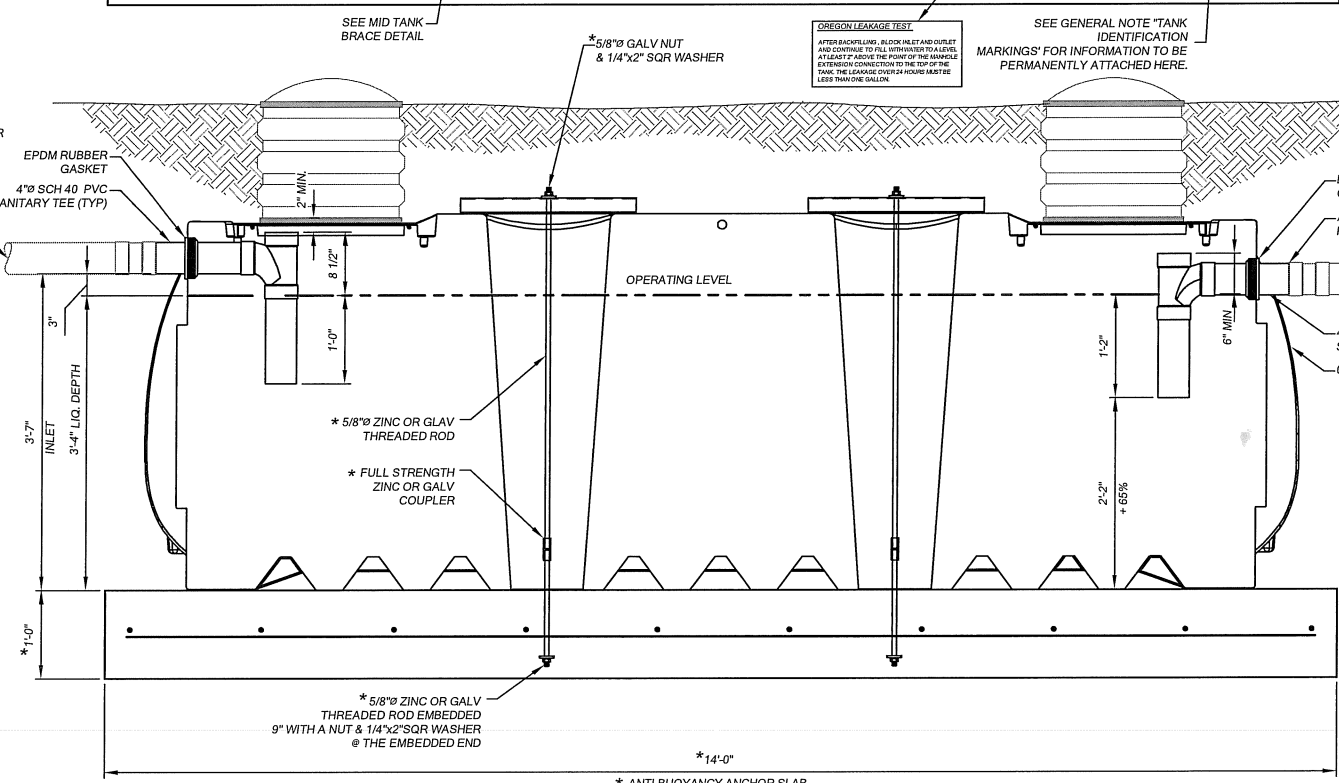


TOP VIEW

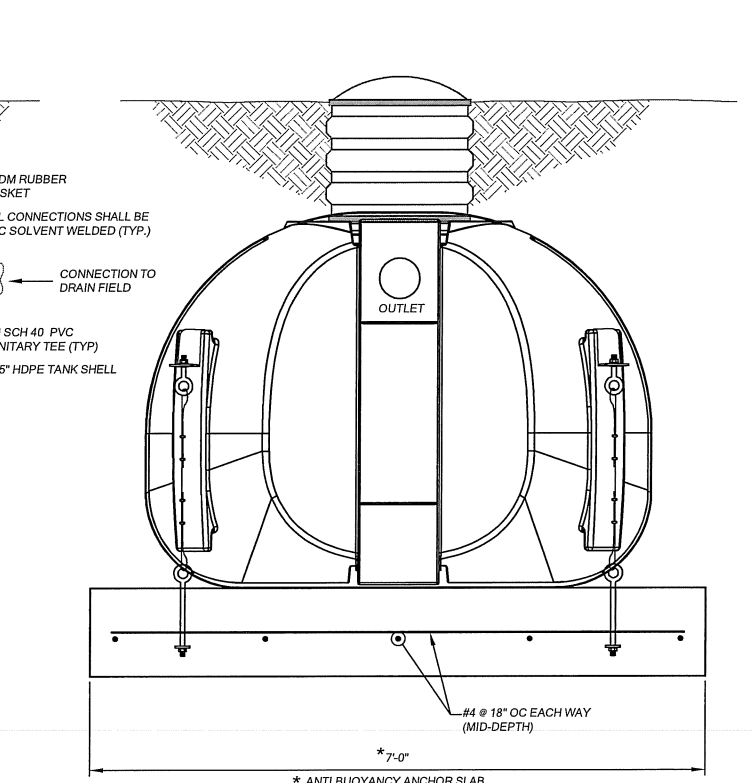
APPROVED
By Oregon DEQ on January 06, 2012



INLET END VIEW



TANK SECTION VIEW



OUTLET END VIEW

GENERAL NOTES

TANK PROPERTIES
TOTAL VOLUME: 1,743 gal ±
AVG. VOL/DEPTH: 37.6 gal/in
VOLUME: 1617 gal ± (BELOW INLET INVERT)
LIQUID VOLUME: 1,504 gal ± (BELOW OUTLET INVERT)
SCUM STORAGE = 1743 - 1504 = 239 gal (15.9%)

MATERIAL
MOLDED TANK & COMPONENTS: HIGH DENSITY POLYETHYLENE (HDPE)
STEEL COMPONENTS OF THE COUNTER BUOYANCY SYSTEM: THREADED RODS & BOLTS: ASTM A307
STEEL PLATE: ASTM A36
STEEL ANCHOR CHANNEL: ASTM A36
WIRE ROPE: ASTM 1007-07

CONCRETE: MIN 28 DAY COMPRESSIVE STRENGTH OF 2500PSI (F_c 2500PSI)

DESIGN LOADS
TANK TOP: 360psf or 2500 WHEEL
TANK WALL & BOTTOM: 62.4 PCF HYDROSTATIC
SOIL COVER: 6" MIN
SOIL LOAD: 120 PCF

CONSTRUCTION NOTES

1. MOLDING SHALL BE CONTROLLED TO ENSURE WATERTIGHTNESS.

TANK IDENTIFICATION MARKINGS
MARK EACH TANK LID OVER OUTLET WITH:
LIQUID CAPACITY: 1,500 GALLONS
MINIMUM BURIAL DEPTH: 6" MIN - SOIL TERRAIN
12" MIN - ROCK TERRAIN
MAXIMUM WHEEL LOAD: 2500 POUNDS
DATE OF MANUFACTURE:
MFG. NUMBER:
NORWESCO, INC., ST BONIFACIUS, MN

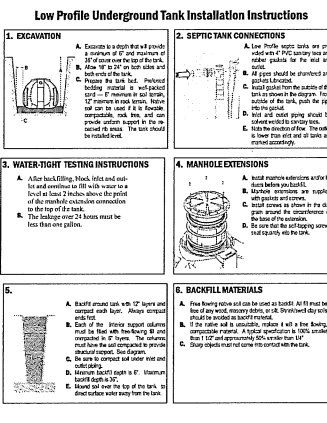
TEST
TANKS SHALL BE TESTED & CERTIFIED WATERTIGHT AFTER INSTALLATION PER OREGON ADMINISTRATIVE RULES 340-73-0025 (3)

OAR 340-73-0025(3) STATES THAT AFTER INSTALLATION, ALL TANKS MUST BE TESTED WATERTIGHT. THE INSTALLER MUST TEST EACH TANK FOR WATERTIGHTNESS BY FILLING THE TANK TO AT LEAST 2" ABOVE THE POINT OF RISER CONNECTION TO THE TOP OF THE TANK DURING THE TEST THERE MAY BE NO MORE THAN ONE GALLON LEAKAGE OVER A 24 HR PERIOD.

ANTI BUOYANCY NOTES

* 1. ANTI BUOYANCY ANCHORAGE AND CONCRETE BASE SLAB ARE SHOWN ON THE PLAN BUT ARE ONLY NECESSARY WHEN SATURATED SOIL OR SEASONAL HIGH WATER TABLES ARE EXPECTED TO RISE TO A LEVEL BETWEEN THE BOTTOM OF THE TANK AND THE GROUND SURFACE.

NORWESCO



CAUTION

Failure to comply with the points below voids warranty.

A. Tanks are not fire-resistant. Do not store them near an open flame or heat in excess of 150 °F.

B. Do not install any tank under the path of vehicles or heavy equipment. Low Profile tanks are not for use as a manhole.

C. Do not leave Low Profile tanks empty for more than 24 hours.

D. Low Profile septic tanks are designed only for use as underground tanks.

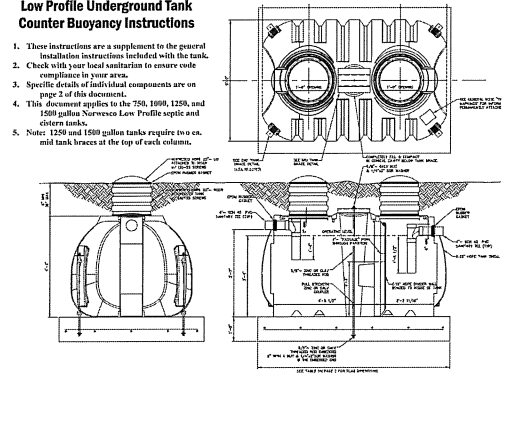
E. Low Profile tanks are made of resin that meet FDA specifications.

F. Protect the tank from sharp objects which could puncture it and cause leakage.

G. Where saturated soil or seasonal high water tables are indicated between the bottom of the tank and the ground surface, use separate supplemental installation instructions for these site conditions.

WARRANTY
The Norwesco underground tank, when installed in accordance to manufacturer's instructions, are warranted against delamination materials and non-compatibility to a 10 year (10 years) from the date of manufacture. Should a defect appear within the warranty period, Norwesco will supply a new equivalent tank in replacement thereof. Norwesco's liability is limited to the use of the tank itself and specifically excludes the cost of installation and/or removal and consequential damages.

NORWESCO



PARKIN ENGINEERING INC.
CONSULTING AND STRUCTURAL ENGINEERING
14014 NE SALMON CREEK AVE.
VANCOUVER, WA. 98686
(360) 694-8378
FAX (360) 694-3376

DATE:	7/16/2010
SCALE:	AS SHOWN
ENGINEER:	BK
DRAWER:	SLMC
CHECKER:	BK
FILE:	10016064-S2.00

CLIENT
NORWESCO, INC. / SNYDER INDUSTRIES INC
4365 STEINER STREET
ST BONIFACIUS, MN 55375
PO# 94099

PROJECT
1,500 GALLON SEPTIC TANK (LOW PROFILE)
OREGON
NORWESCO PART # (43498)
SNYDER INDUSTRIES PART # (1007000096301)

SHEET TITLE:
TANK / SLAB
LAYOUT & DETAILS

S2.30