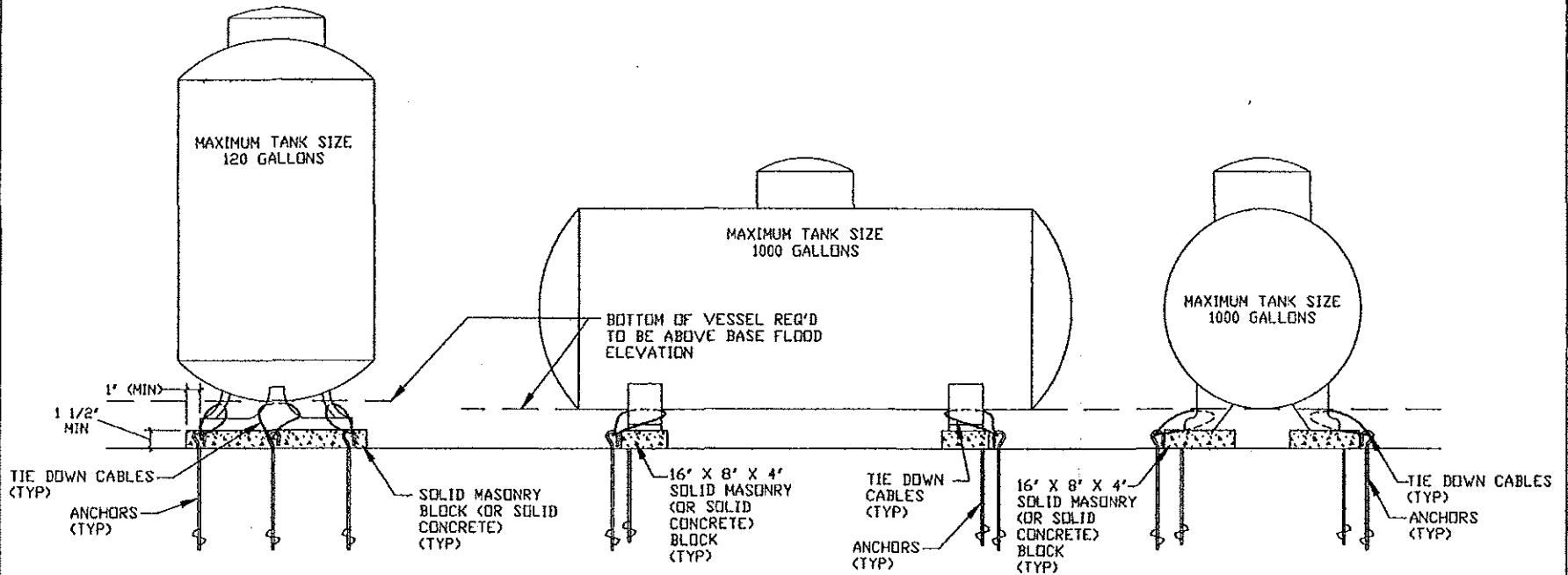


# VERTICAL TANKS

# HORIZONTAL TANKS



FRONT ELEVATION

4 ANCHORS  
1 PER FOOT (LEG)

SIDE ELEVATION

4 ANCHORS  
1 PER FOOT (LEG)

STEPHEN R. WALSH P.E.  
1/4/13

DESIGN CRITERIA	
CODE: ASCE 7-10	BASIC VELOCITY PRESSURE = 26.41
WIND SPEED: 170 V <sub>ult</sub> 132 V <sub>asd</sub>	HEIGHT = 15' MAX
EXPOSURE = B	SOIL CONDITION = SAND ONLY
RISK CATEGORY II (REFER TO ASCE 7-10 TABLE 1.5-1)	
NOT FOR USE IN ORGANIC SOILS	

- NOTES:**
- 1) CHECK LOCAL ZONING REQUIREMENTS FOR ACCEPTABLE TANK LOCATION ON SUBJECT PROPERTY.
  - 2) CABLE TO BE 1/8" X 7 X 19 GALVANIZED AIRCRAFT CABLE, DOUBLE CLAMPED
  - 3) ANCHORS TO BE MIN. 3' X 18' X 1/2" KERMCO-DEHAAL, MONROE GROUND ANCHORS.
  - 4) USE STAINLESS CABLES FOR INSTALLATION WITHIN 1500' OF HIGH TIDE LINE

**STEPHEN R. WALSH P.E.**  
P O Box 933  
Boca Raton, FL 33429  
(561) 362-0237  
P E #33915

ABOVE GROUND PROPANE TANK HOLDDOWN  
PRESCRIPTIVE DESIGN FOR PERMITTING IN  
UNINCORPORATED PALM BEACH COUNTY