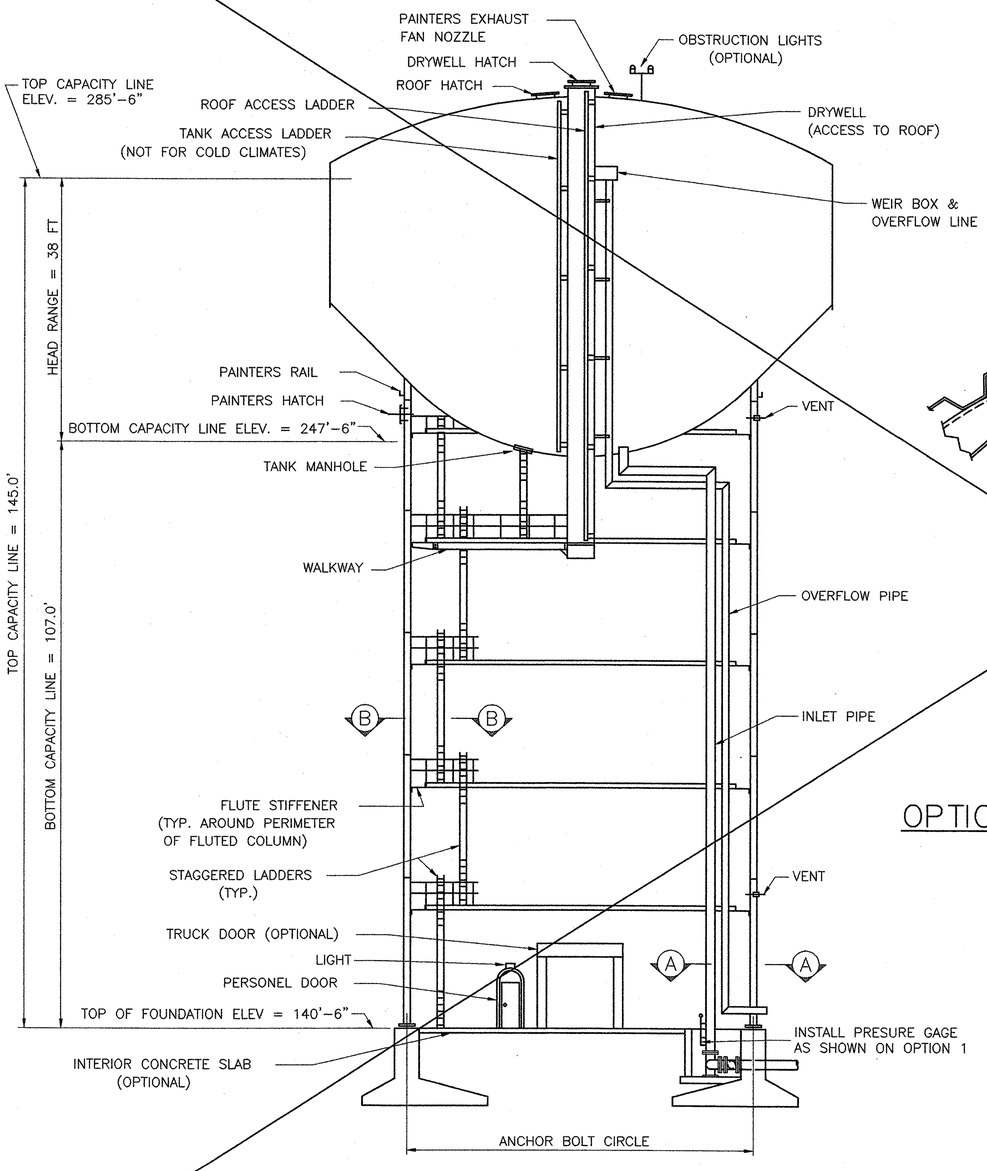
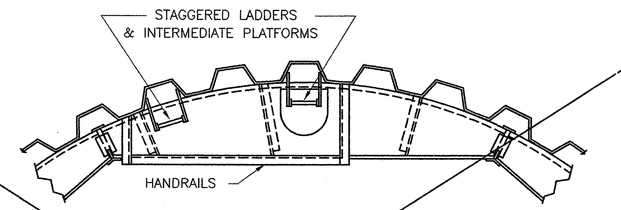
HYDROPILLAR TANK

NOTE:
FOR ALTITUDE VALVE DETAIL AND
DRAIN DETAIL SEE OPTION 1





SECTION B–B
TYPICAL FLUTE STIFFENER

OPTION NOT CONSTRUCTED

FOUNDATION NOTES

THIS IS A TYPICAL ARRANGEMENT DRAWING FOR A PDM HYDROPILLAR WITH A SHALLOW FOUNDATION. IT IS PROVIDED ONLY AS A GENERAL GUIDE. THE TANK, SITEWORK AND FOUNDATION FOR YOUR PARTICULAR INSTALLATION MUST BE DEVELOPED FOR THE DESIGN CRITERIA AND REQUIREMENTS AT YOUR PROJECT SITE. THE ELEVATED TANK STRUCTURE SHALL CONFORM TO THE HYDROPILLAR STYLE TANK AS MANUFACTURED BY PITT–DES MOINES, INC. AS WELL AS THE DESIGN REQUIREMENTS OF AWWA D–100, LATEST EDITION. NET CAPACITY OF THE TANK SHALL BE 500,000 GALLONS.

FOUNDATIONS SHALL BE DESIGNED AND FURNISHED BY THE TANK CONTRACTOR.

TANK DIMENSIONS

TANK	DIA.	HEAD RANGE	PILLAR DIA.
250,000	42.0'	30.0'	24.0'
500,000	49.5'	38.0'	30.0'

COMMONWEALTH OF VIRGINIA
JEFFREY P. KAPINOS
CERTIFICATE No. 21876
CERTIFIED PROFESSIONAL ENGINEER

R99125.05FC

Draper Aden Associates
Blacksburg • Richmond, Virginia
Engineering • Surveying • Environmental Services

DESIGNED:	JPK
CADD–TECH:	AQN
CHECKED:	FTP
DATE:	11/05/99

TANK DETAILS–FLUTED COLUMN
SOUTHPOINT BUSINESS PARK WATER STORAGE TANK
PRINCE GEORGE COUNTY, VIRGINIA

REVISIONS:

SCALE: NOT TO SCALE

PROJECT No. T–R99125.05F

SHEET 4 OF 7