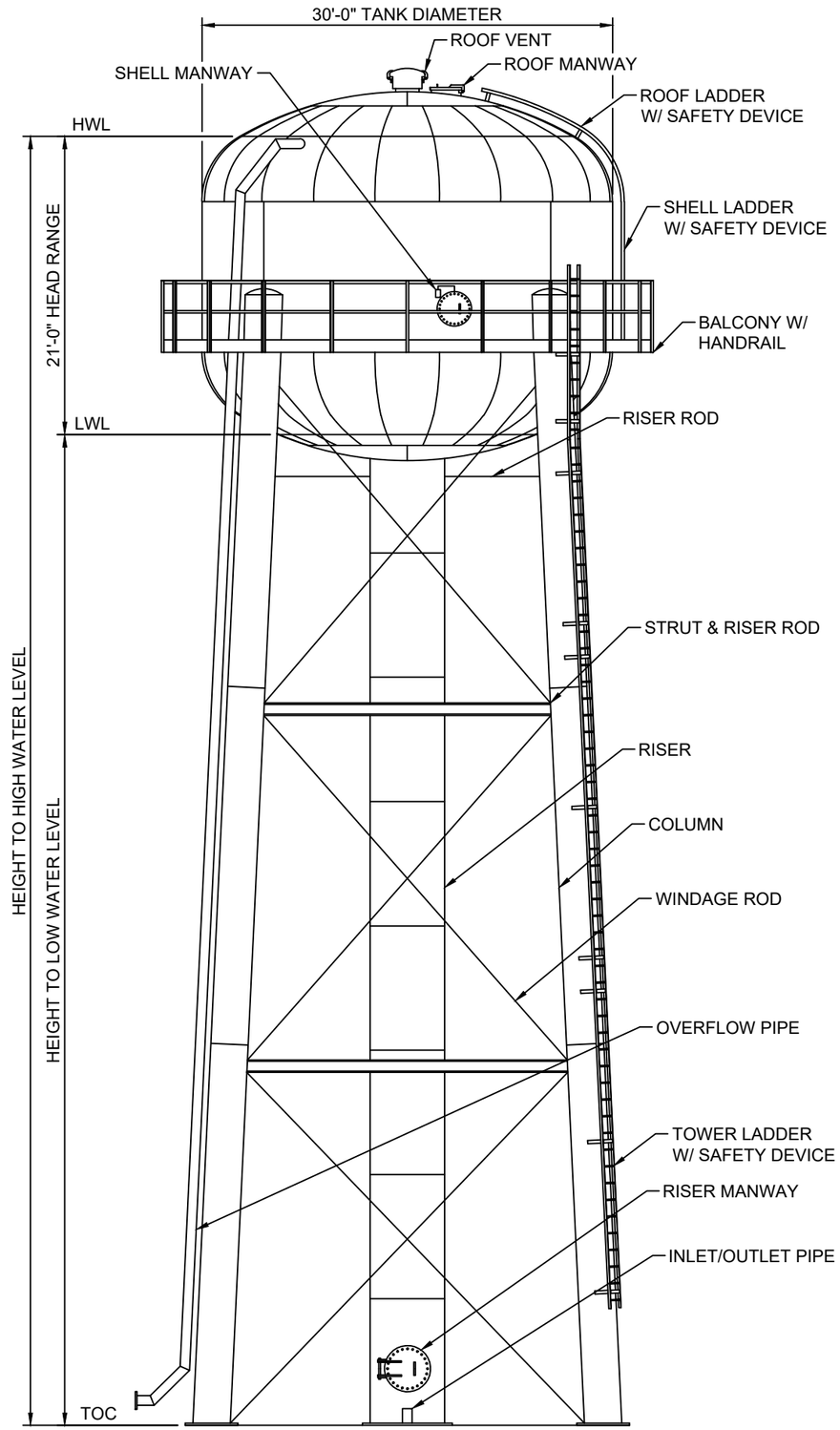


ELEVATION

1. DESIGN CRITERIA

1.A. THE TANK AND SUPPORT STRUCTURE SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AWWA D100-11 AND THE PROJECT SPECIFICATIONS.

1.B. LOADING CRITERIA:

1.B.A. DESIGN WIND VELOCITY - _ _ _ _ _ _ _ _ MPH

1.B.B. DESIGN SNOW LOAD - _ _ _ _ _ _ _ _ PSF

1.B.C. MCE SPECTRAL RESPONSE ACCELERATION - 0.2 - SEC PERIOD (S_S) - _ _ _ _ _ _ _

1.B.D. MCE SPECTRAL RESPONSE ACCELERATION - 1.0 - SEC PERIOD (S_1) - _ _ _ _ _ _ _

2. MATERIALS

2.A. STEEL PLATE: ASTM A283 OR ASTM A36

2.B. STRUCTURAL SHAPES: ASTM A36 OR ASTM A992

2.C. LADDER RUNGS: ASTM A706

3. GENERAL

3.A. ALL ACCESSORIES SHOWN ON THE ELEVATION DRAWING ARE ROTATED FOR CLARITY.

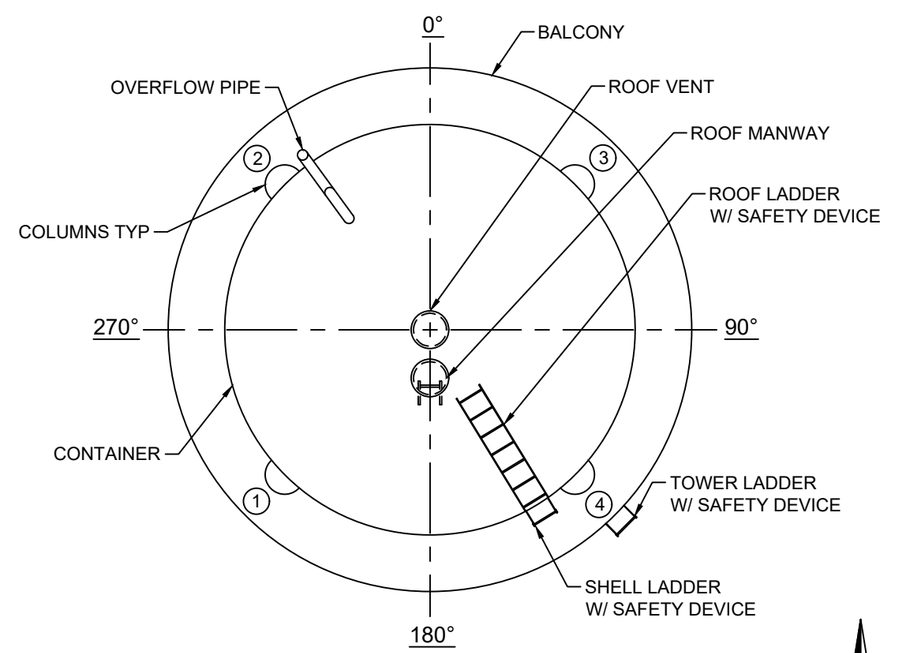
3.B. THE NUMBER OF PERIMETER COLUMNS SHALL BE PER MANUFACTURER'S STANDARD DESIGN.

3.C. ALL LADDERS, LADDER SAFETY DEVICES, PLATFORMS, HANDRAILS, ETC. SHALL CONFORM TO CURRENT OSHA REGULATIONS.

3.D. TANK CONTRACTOR SHALL GROUT BENEATH COLUMN AND RISER BASE PLATES UPON COMPLETION OF ERECTION.

3.E. SURFACE PREPARATION AND COATING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

3.F. THE TANK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C652-02.



ORIENTATION

Rev. By	Rev. Date	Revision Description

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100,000 GALLON ELEVATED DOUBLE ELLIPSOIDAL TANK

GENERAL ELEVATION

Engineer: Drawn By: Checked By: Date:

PHOENIX FABRICATORS AND ERECTORS, LLC
Avon, Indiana - Sebree, Kentucky

JOB. No.

SHEET