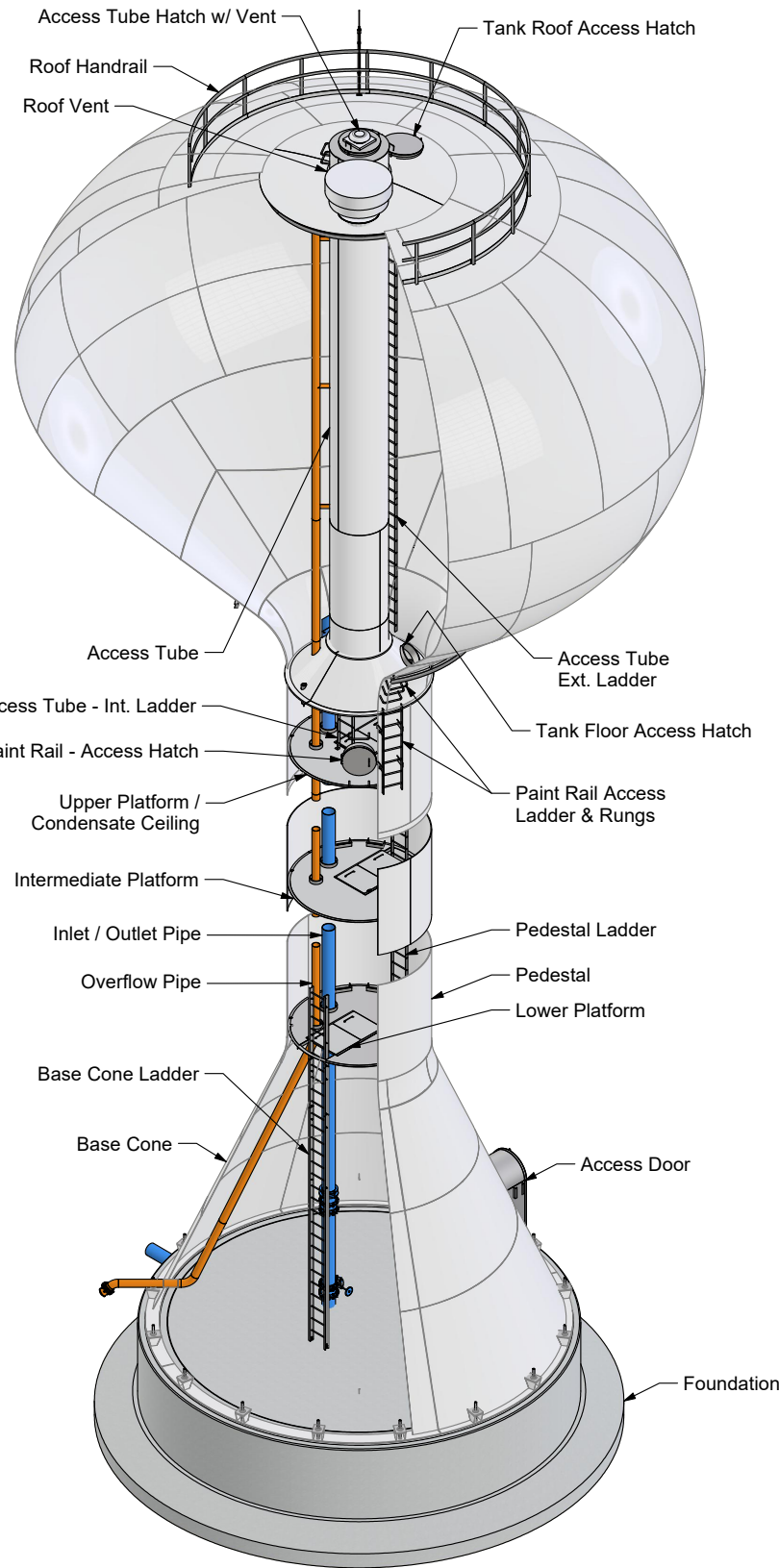


Elevation - Shell Cutaway



Iso View

NOTES:

GENERAL:

1. See contract specifications for design criteria and details. Applicable elevated tank specifications are AWWA D100 and ACI 318, most recent version.
2. See contract specifications for steel tank coating requirements.
3. Tank appurtenances are rotated for clarity.

FOUNDATION:

1. Refer to the geotechnical report for recommendations regarding allowable bearing capacity.
2. Design loads in accordance with AWWA D100 (latest version).
3. Design concrete foundation in accordance with ACI 318 (latest version).

MECHANICAL:

1. Inlet / outlet and overflow piping within the pedestal shall be standard thickness carbon steel.
2. Provide hangers, brackets, and thrust restraint as required.
3. Overflow system shall be designed to accommodate maximum fill rate. See contract specification.
4. Removable silt stop shall be 6 inches above pipe entrance.

MISCELLANEOUS IRON:

1. All ladders shall be galvanized.
2. Provide aluminum safety rails on all ladders.
3. Roof access tube and tank access hatches shall be 36" square minimum.

ELECTRICAL:

1. Mount base lights 10 feet above slab on grade.
2. Ladder lights shall be at 25 feet maximum spacing.
3. Obstruction light to be located 12 inches above highest point on Tank.

Thursday, August 14, 2025 1:01:50 PM

No.:	Date:	By:	Revision:

Contractor:



LANDMARK
Landmark Structures I, LP
Fort Worth, Texas

Project:

SPHEROID ELEVATED TANK

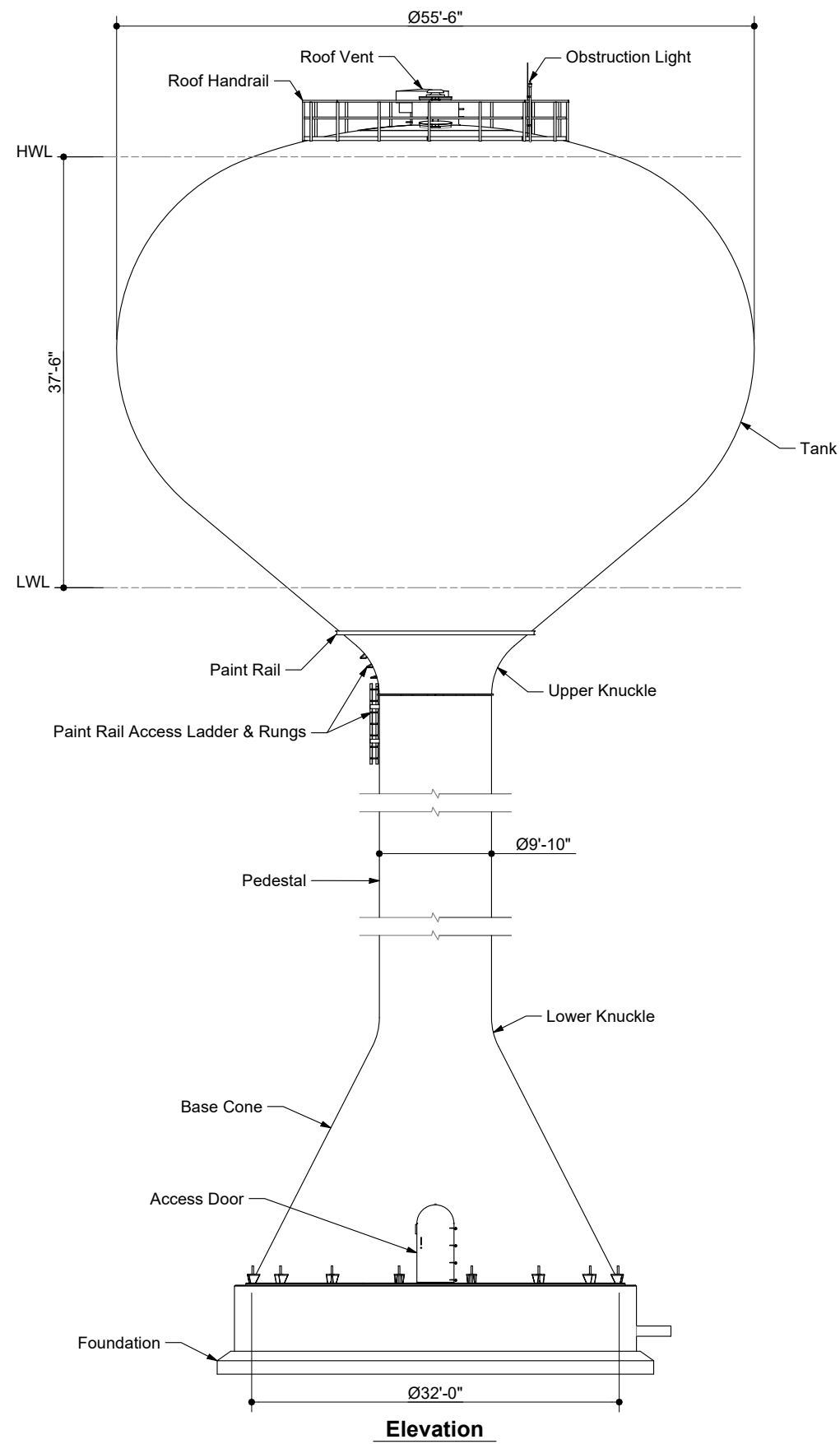
Description:

**SPHEROID ELEVATED TANK
GENERAL ARRANGEMENT**

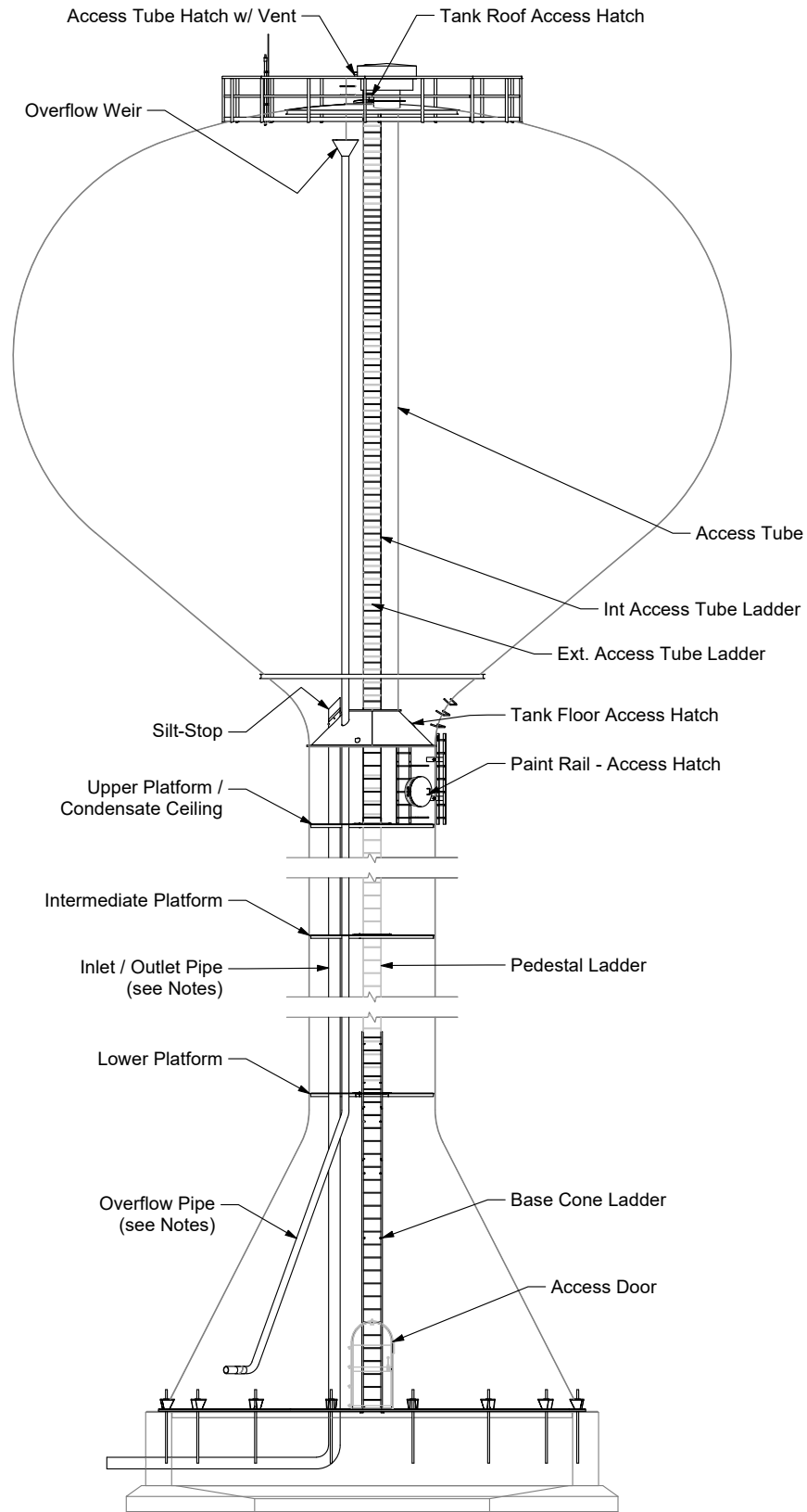
Design By:	LDMK	Release Date:	2025.08.14	Project Number:	-
Drawn By:	CJP	Status:	RELEASED	Dwg Number:	
Checked By:	TS	Scale:	N.T.S		

NOTES:

1. Piping arrangement and controls to be designed and specified by the engineer per project requirements.
For further assistance, please contact Landmark Structures.



Elevation



Section

Thursday, August 14, 2025 11:58:34 AM

No.:	Date:	By:	Revision:

Contractor:



LANDMARK
Landmark Structures I, LP
Fort Worth, Texas

Project:

SPHEROID ELEVATED TANK

Description:

**0.500 MG SPHEROID ELEVATED TANK
GENERAL ARRANGEMENT**

Design By:	LDMK	Release Date:	2025.08.14	Project Number:	-
Drawn By:	CJP	Status:	RELEASED	Dwg Number:	
Checked By:	TS	Scale:	N.T.S		