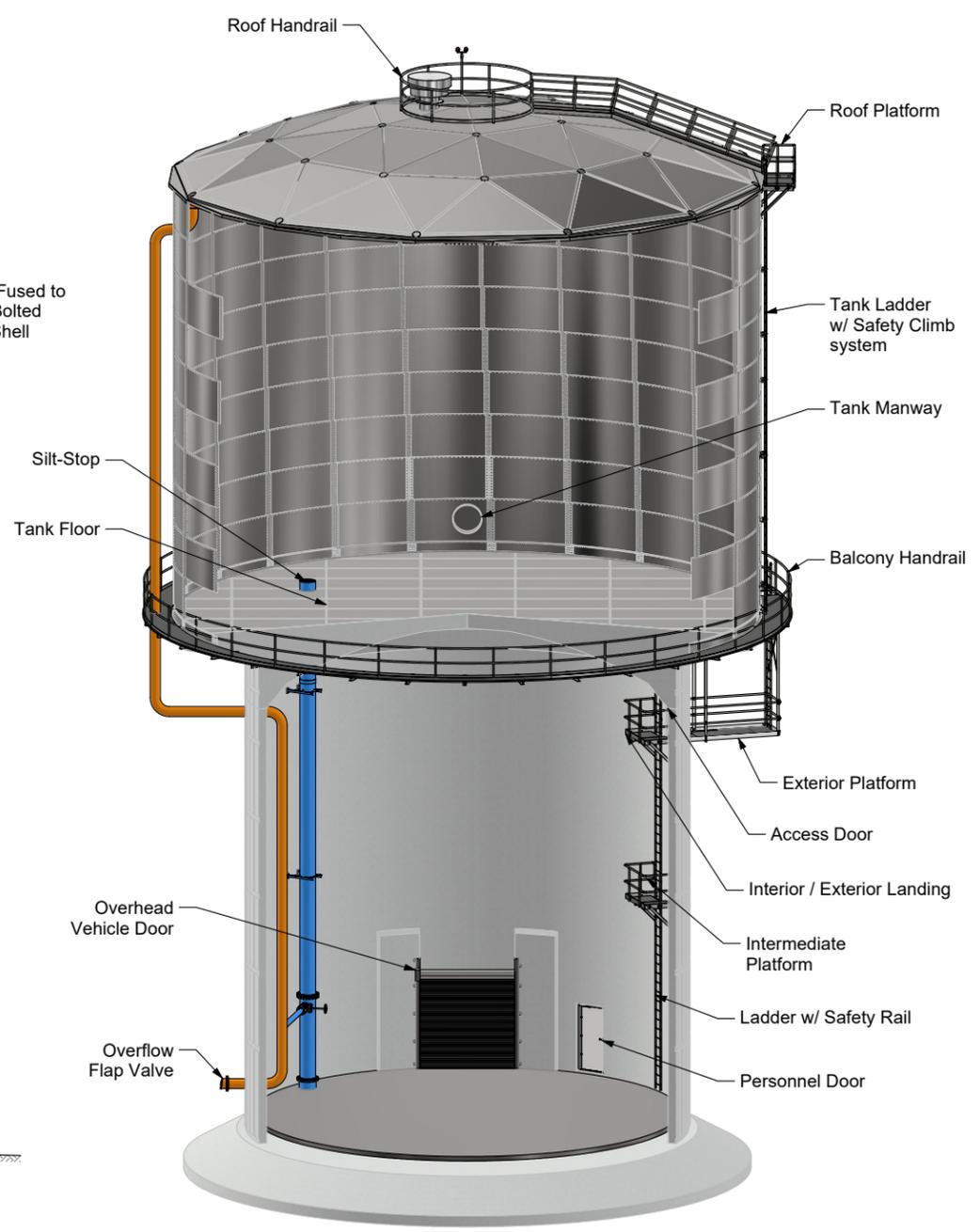


Elevation View - Cutaway Shell



Iso View

NOTES:

GENERAL:

1. See contract specifications for design criteria and details. Applicable elevated tank specifications are AWWA D103, AWWA D108, AWWA D107 and ACI 318, most recent versions.
2. Tank shall be glass-fused-to-steel bolted tank with aluminum geodesic dome roof and accessories.
3. Provide adequate freeboard to ensure roof projections and painter rail remain above the high-water level.
4. Concrete pedestal exterior shall incorporate horizontal and vertical rustications to create a symmetrical architectural pattern. See contract specifications.
5. 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 D107 and ASCE 7 - latest versions.
3. Design concrete foundation in accordance with ACI 318 - latest version.

MECHANICAL:

1. Inlet / outlet and overflow piping within the concrete pedestal shall be type 304L stainless 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 tank floor.

MISCELLANEOUS IRON:

1. All ladders, landings, and balconies shall be galvanized.
2. Provide aluminum safety rails on all ladders.
3. Roof access hatches shall be 30" square.
4. A 3' x 7' door opening shall be installed at the upper landing for access to the exterior platform.

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 1:27:31 PM

No.:	Date:	By:	Revision:

Contractor:



LANDMARK
Landmark Structures I, LP
Fort Worth, Texas

Project:

BOLTED ELEVATED TANK

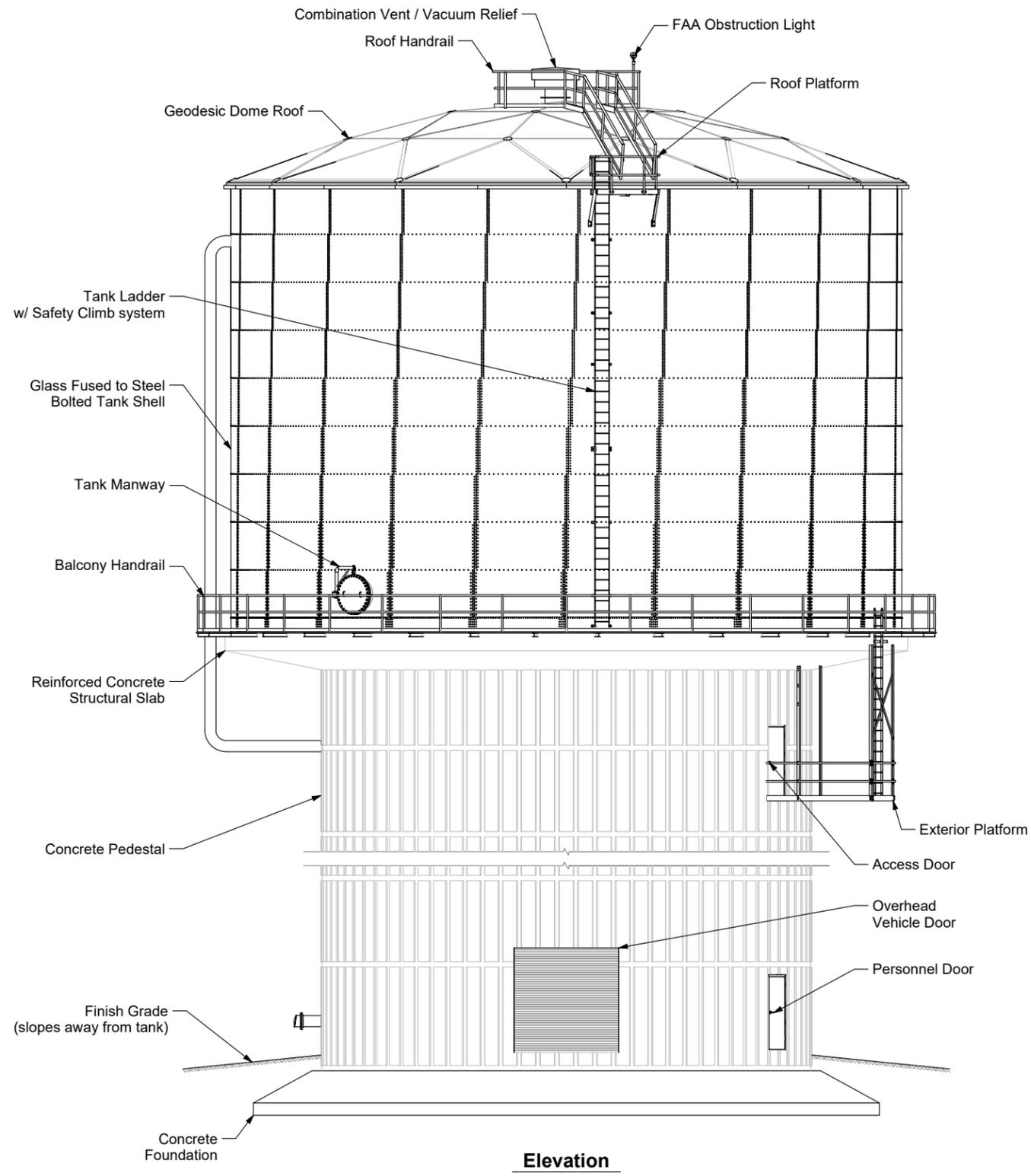
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**BOLTED ELEVATED TANK
GENERAL ARRANGEMENT**

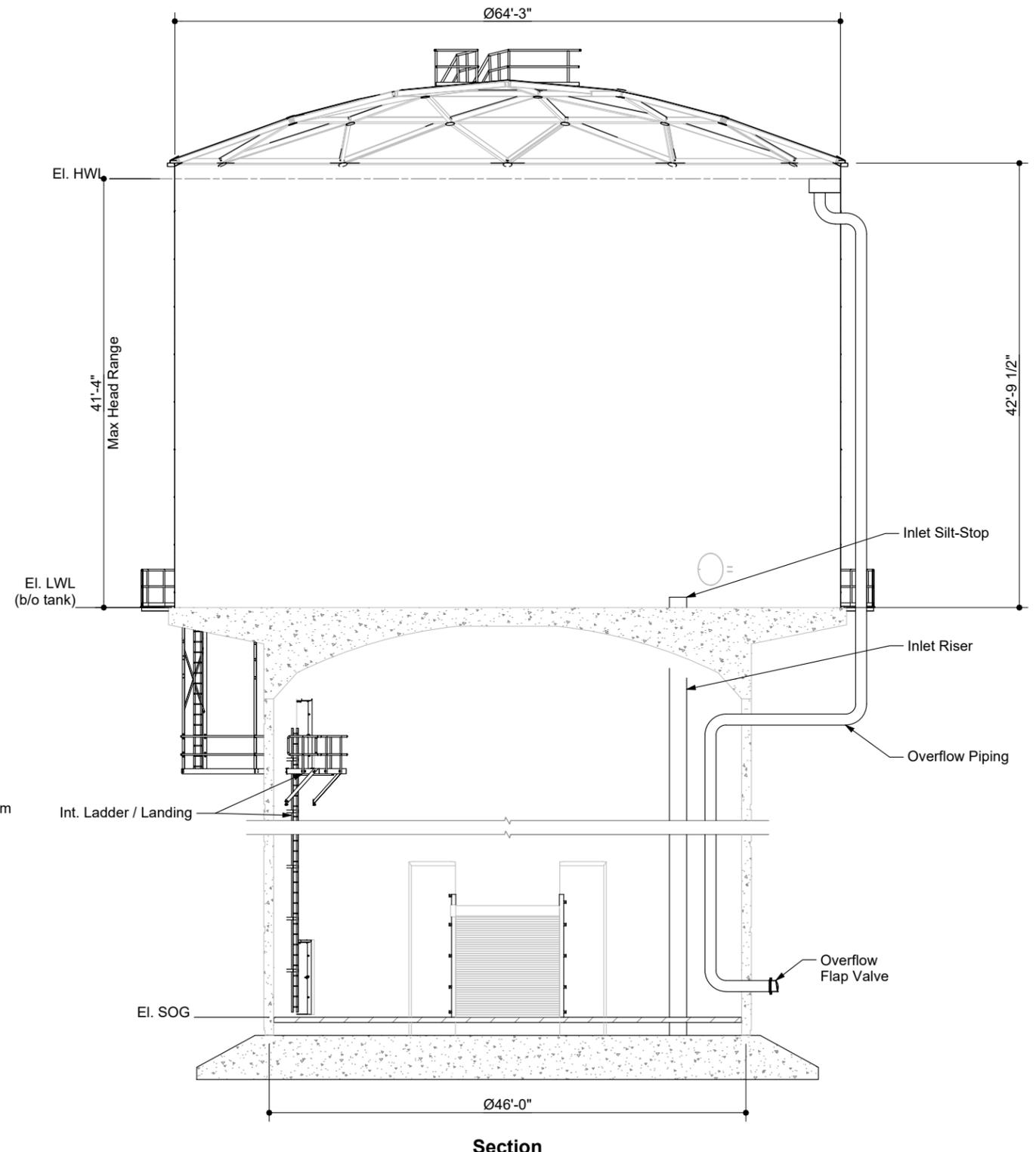
Design By:	LDMK	Release Date:	2025.08.14	Project Number:	-
Drawn By:	CJP	Status:	RELEASED	Dwg Number:	
Checked By:	TS	Scale:	N.T.S		

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 1:23:52 PM

No.:	Date:	By:	Revision:

Contractor:



LANDMARK
Landmark Structures I, LP
1665 Harmon Road, Fort Worth, Texas 76177

Project:

BOLTED ELEVATED TANK

Description:

**1.0 MG BOLTED ELEVATED TANK
ELEVATION VIEW**

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