

Thursday, August 14, 2025 1:10:39 PM

No.:	Date:	By:	Revision:

Contractor:



LANDMARK

Landmark Structures I, LP

Fort Worth, Texas

Project:

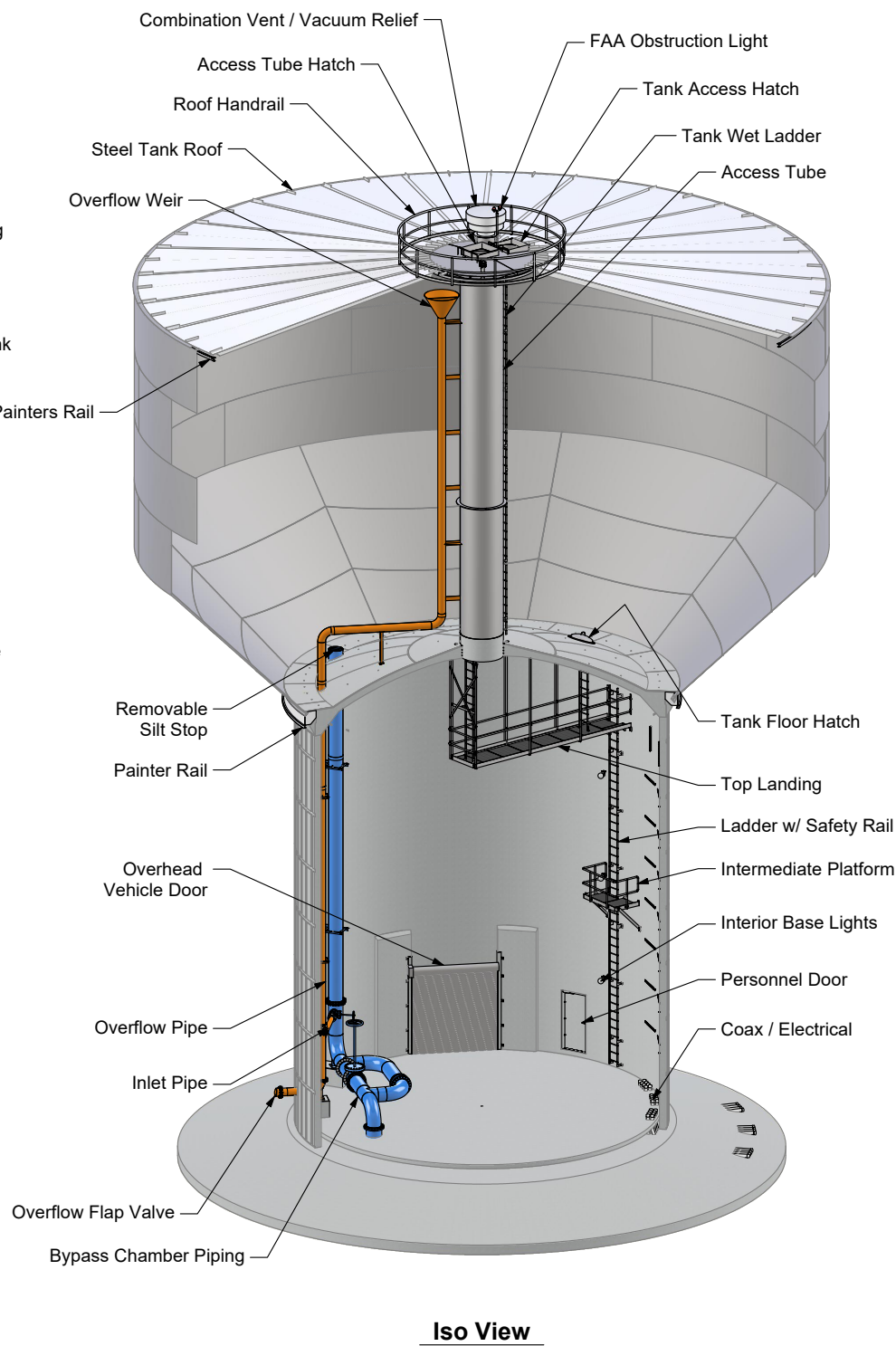
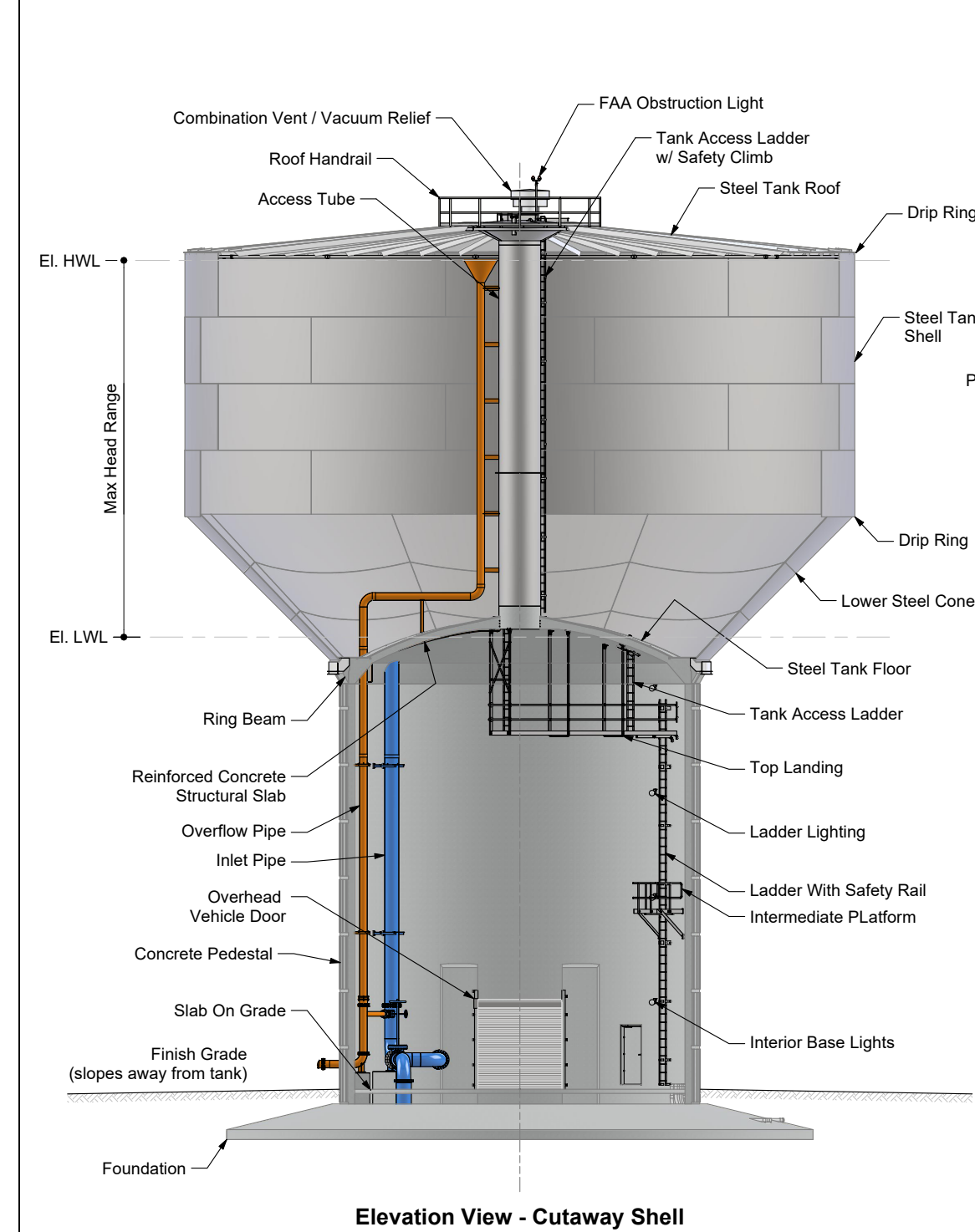
COMPOSITE ELEVATED TANK

Description:

COMPOSITE ELEVATED TANK
GENERAL ARRANGEMENT

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

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NOTES:

GENERAL:

1. See contract specifications for design criteria and details. Applicable elevated tank specifications are AWWA D107 and ACI 318, most recent versions.
2. Steel tank floor within the perimeter of the concrete support pedestal shall be supported by a structural concrete slab.
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. See contract specifications for steel tank coating requirements.
6. 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.

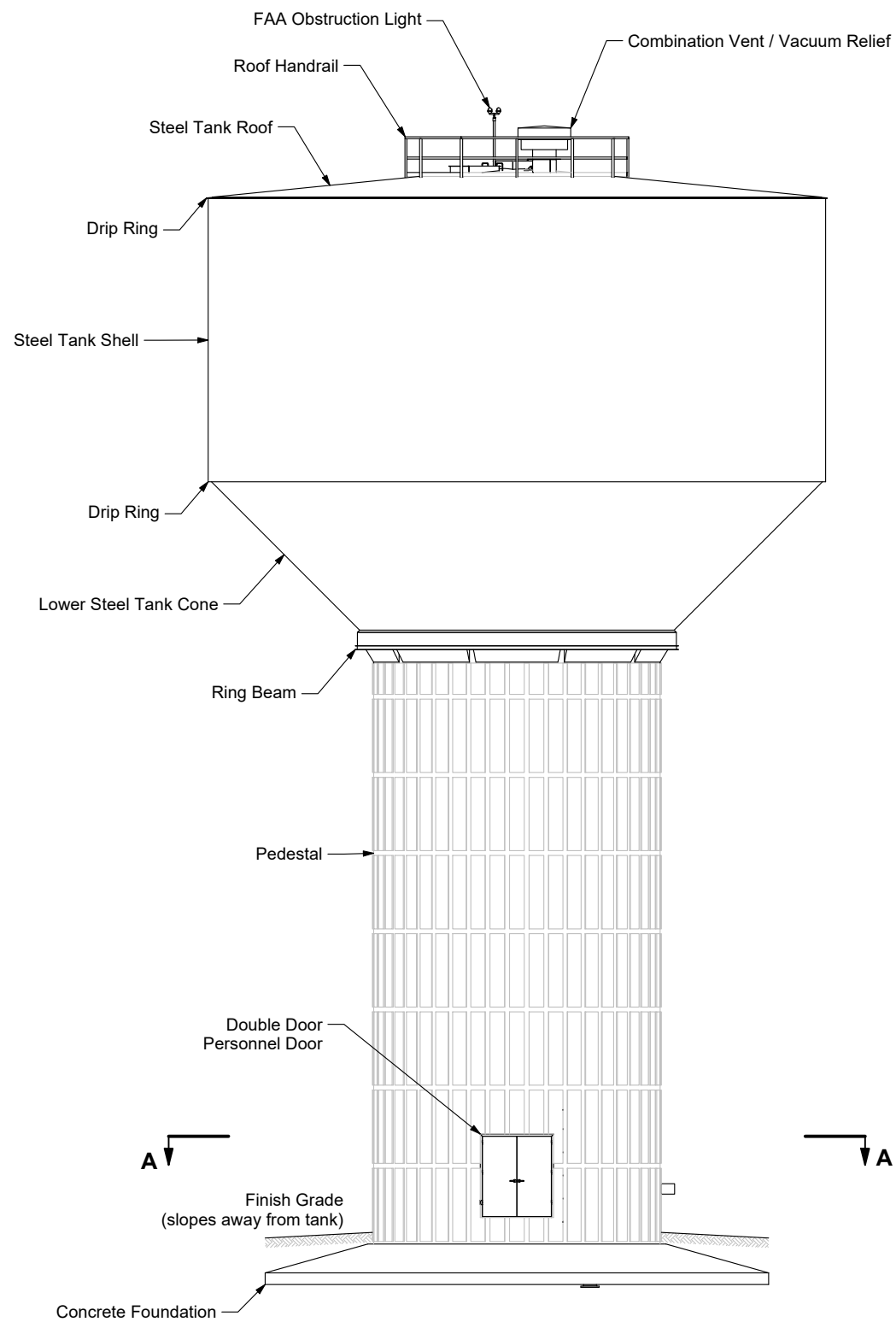
MISCELLANEOUS IRON:

1. All ladders and landings shall be galvanized.
2. Provide aluminum safety rails on all ladders.
3. Roof access tube and tank access hatches shall be 30" square.
4. A removable aluminum louver shall be installed at the upper landing for access to the exterior painter rail.

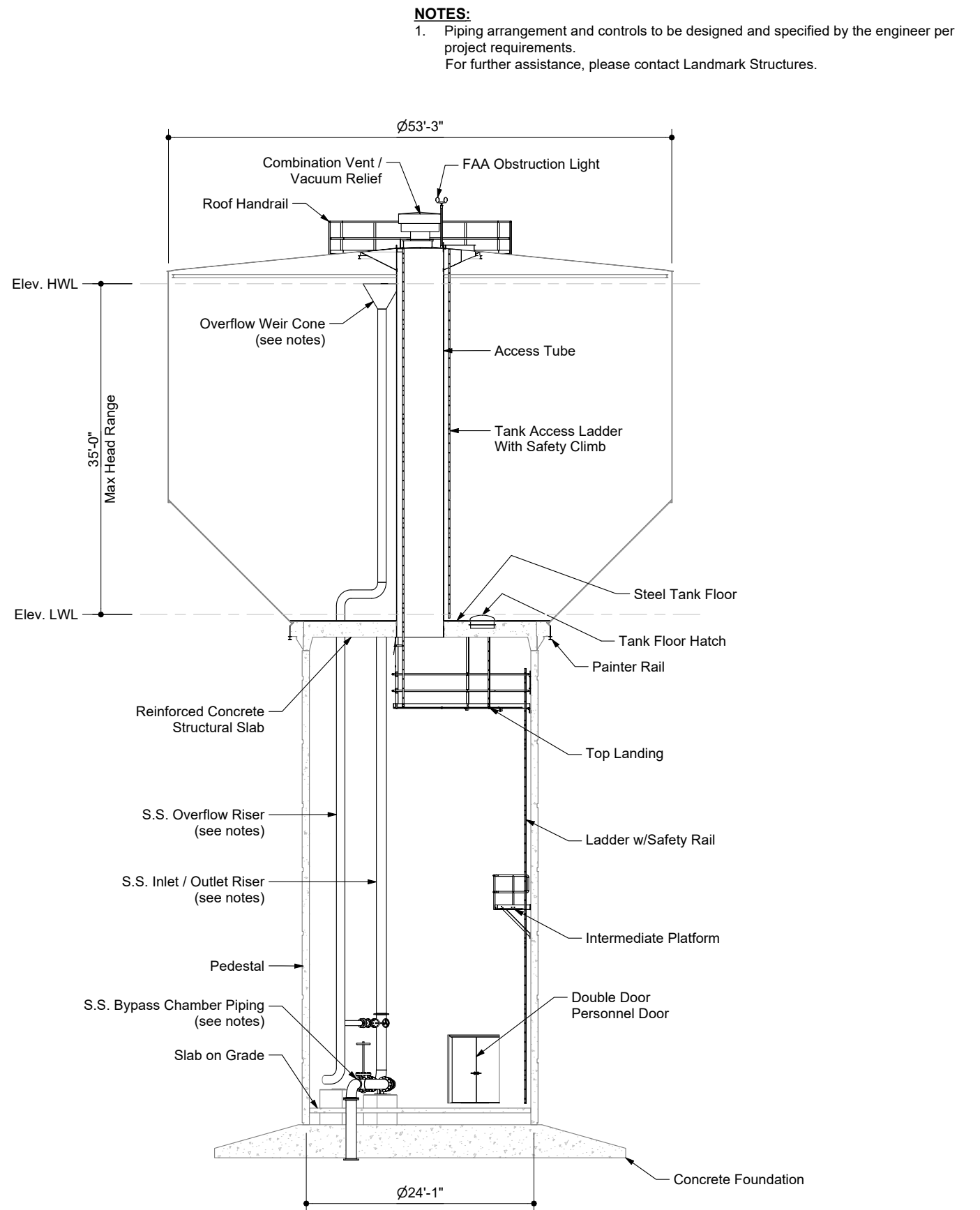
ELECTRICAL:

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

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Elevation



Section



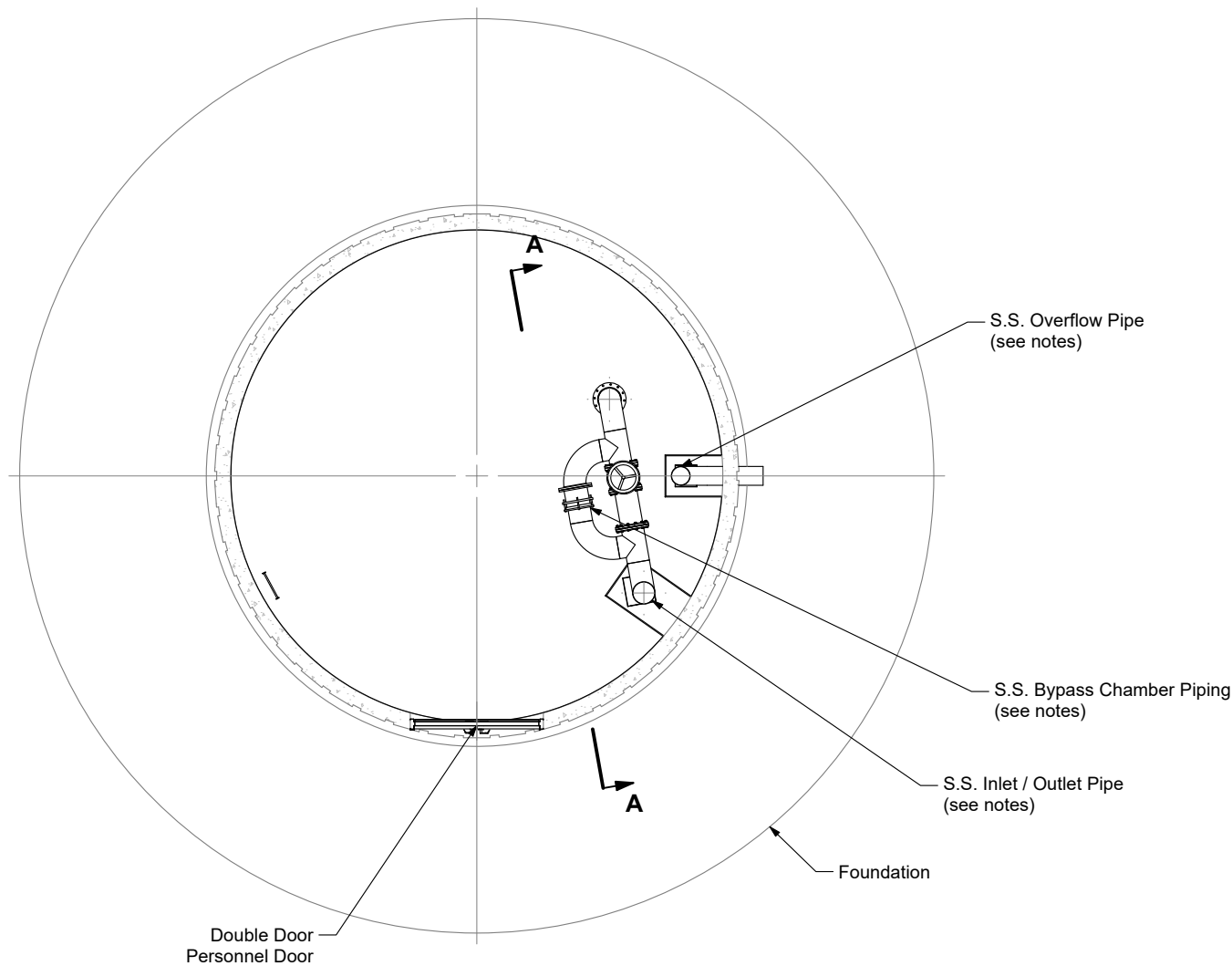
Project: **COMPOSITE ELEVATED TANK**

Description: **0.5 MG COMPOSITE ELEVATED TANK
ELEVATION VIEW**

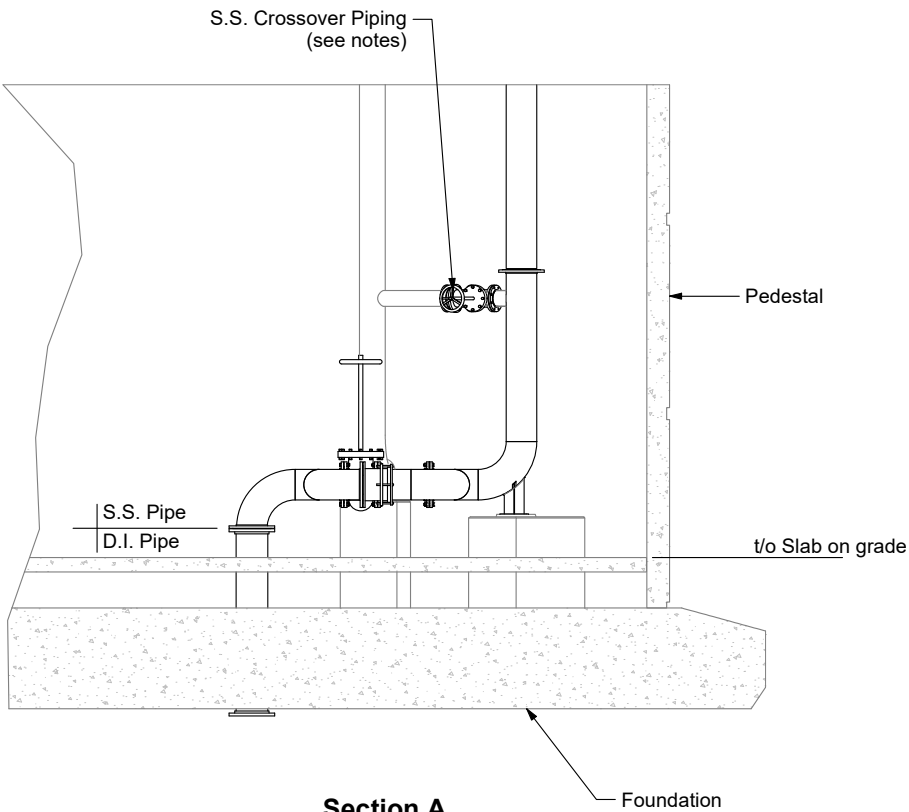
Design By: LDMK	Release Date: 2025.08.14	Project Number: -
Drawn By: CJP	Status: RELEASED	Dwg Number:
Checked By: TS	Scale: N.T.S	

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



Mechanical Piping - Section Plan View



Section A

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				Contractor: 	Project: COMPOSITE ELEVATED TANK	Description: 0.5 MG COMPOSITE ELEVATED TANK MECHANICAL PIPING	Design By:	LDMK	Release Date:	2025.08.14	Project Number:	-
							Drawn By:	CJP	Status:	RELEASED	Dwg Number:	
							Checked By:	TS	Scale:	N.T.S		
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