IRONCLAD
POWERED BY MERSINO

IronMax Tank

Ironclad's IronMax Tank is a modular, above-ground storage solution offering massive liquid containment—up to 2.5 million gallons—for big jobs in tough locations. This versatile tank is perfect for upstream and midstream needs, pipeline hydrotesting, and any industrial job that requires significant storage. The IronMax provides flexibility, fast and affordable transport and setup, and custom management and monitoring options.



*Photos are representational; actual products vary. Additional product plans and specifications may vary from those shown and are subject to in-stock availability.

Available Sizes

Four modular, standard options

18,000bbl (756,000 gallons)

27,000bbl (1M gallons)

40,000bbl (1.7M gallons)

60,000bbl (2.5M gallons)

Construction

Wall System:
30 vertical steel panels, bolt-connected with gaskets

Wall Panels:
ASTM A36 steel, 3/16"– 1/4" thick, reinforced with stiffeners

Foundation:
Compacted subgrade with optional geotextile or liner base

Bottom:
No steel floor; uses a base liner (HDPE, XR-5, or PVC)

Liner:
Full interior geomembrane (wall + floor), thermally or RF welded

Features

Connections:
Bolt-together with EPDM or butyl gaskets; Grade 5/8 hardware

Access & Safety:
External OSHA ladder, optional handrail, 24–36" manway

Protection:
Corrosion-resistant liner

Meets Cal/OSHA guidelines

We proudly provide specialty-containment and waste-management solutions, with industry-leading service, safety, access and integrity.

Learn more at IRONCLADENVIRONMENTAL.COM

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Ground Preparation

The site must be prepared according to the specified requirements to accommodate the IronMax Tank, as outlined below:

- Grade IronMax(s) footprint and additional 15 ft work area 0.25 % or 3" drop per 100 feet, toward sump location.
- Site must be graveled and rolled prior to tank installation, utilizing gravel size 2B or smaller.
- The use of crushed rock is expressly prohibited to prevent sharp edges from puncturing the tank liner.
- Ironclad reserves the right to refuse service of tank installation if gravel or sand size does not meet stated requirements.
- Ironclad does not take responsibility for repair and maintenance for any damage to the tank liner caused by Operator's use of crushed rock, and all warranties are invalidated.
- The IronMax(s) footprint plus the additional 15' must be at 95% soil compaction.
- There must be a clear open working area in the entire area of the IronMax(s) footprint with an additional 15' minimum around perimeter on all sides.

Sizing Detail

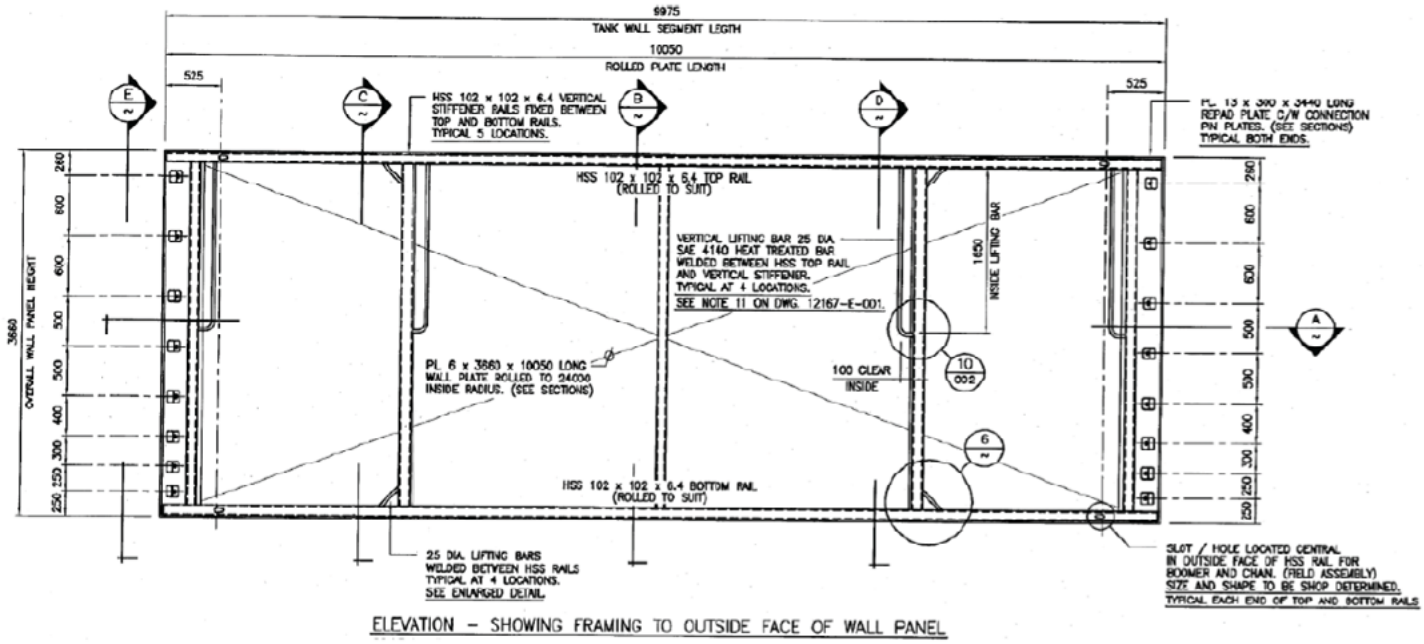
Tank (BBL)	Panels	Diameter (ft)	Radius (ft)	Panel Height (ft)	Panel Weight	Gal./Inch	BBL/ft	Volume (BBL)	2' Freeboard Volume (BBL)	Secondary Containment Dia (ft)
18,000	9	94.58	47.29	12	6,000LB	4,379.34	1,251.24	15,014.88	12,512.40	105
	10	105	52.5	12	6,500LB	5,376.00	1535.6	18,426.00	15,356.00	119.5
	11	115.6	57.8	12	6,000LB	6,542.34	1869.21	22,430.50	18,692.08	126
27,000	12	126	63	12	6,500LB	7,775.88	2221.67	26,660.57	22,216.80	153
	13	136.62	68.31	12	6,000LB	9,137.94	2610.78	31,329.39	26,107.83	153
	14	147.13	73.57	12	6,000LB	10,599.12	3028.33	36,340.00	30,283.33	157
40,000	24	153	76.5	12.3	6,000LB	11,465.58	3,275.88	40,402.69	33,850.90	157
60,000	30	200.63	100.32	12.3	6,000LB	17,594.22	5,027.02	62,000.00	50,270.27	N/A

*Some details not shown in all views. Overall dimensions are normal.

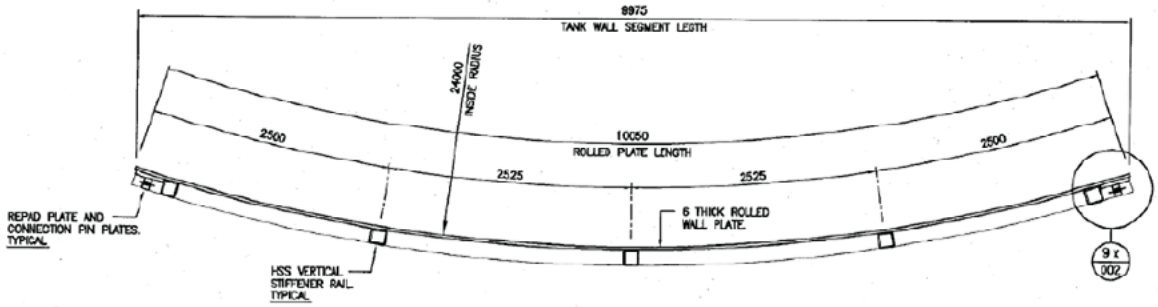
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Wall Panel Layout



ELEVATION – SHOWING FRAMING TO OUTSIDE FACE OF WALL PANEL



TYPICAL PLAN SECTION A
SCALE 1 : 30

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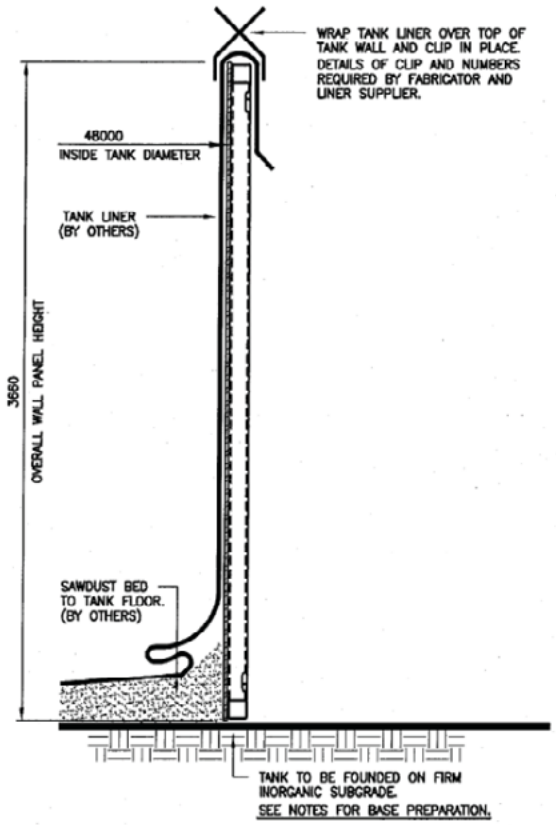
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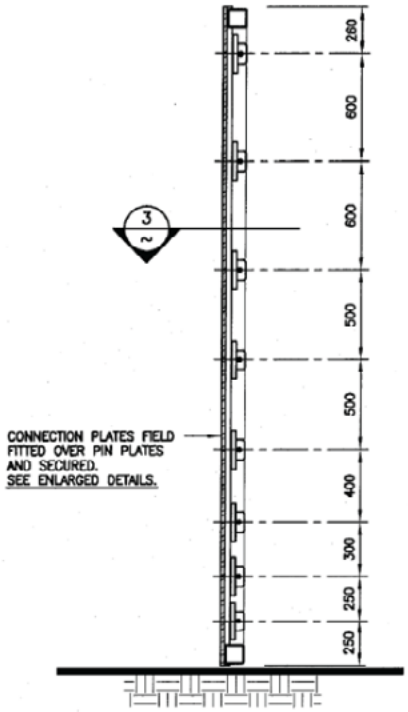
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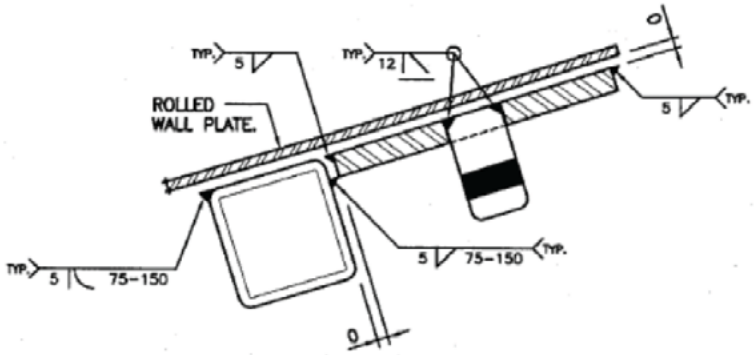
Wall Section & Panel Joint



TYPICAL TANK WALL SECTION 1
SCALE 1 : 20



WALL SECTION AT PANEL JOINT 2
SCALE 1 : 20



ENLARGED TYPICAL PLAN – EXPLODED TO SHOW WELD DETAILS.
NOT TO SCALE

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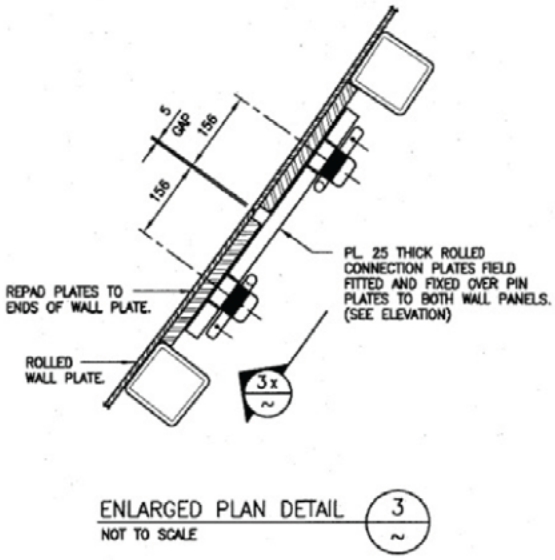
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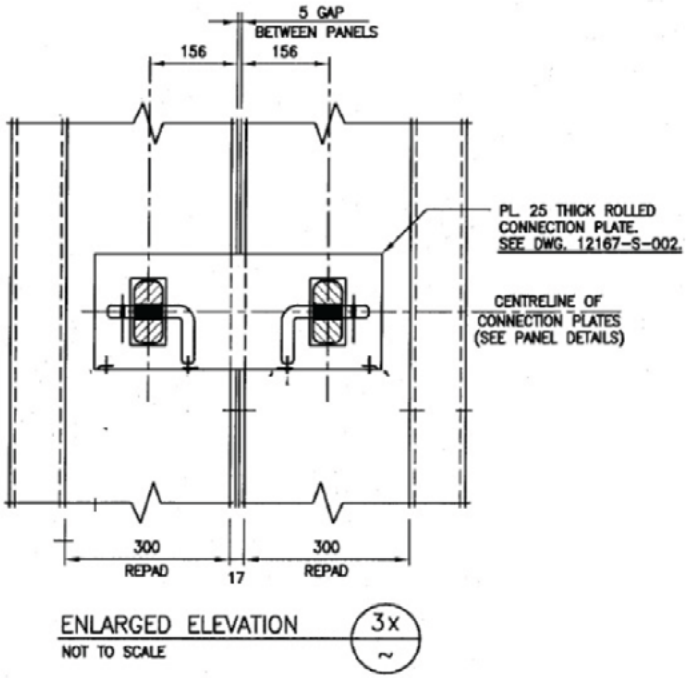
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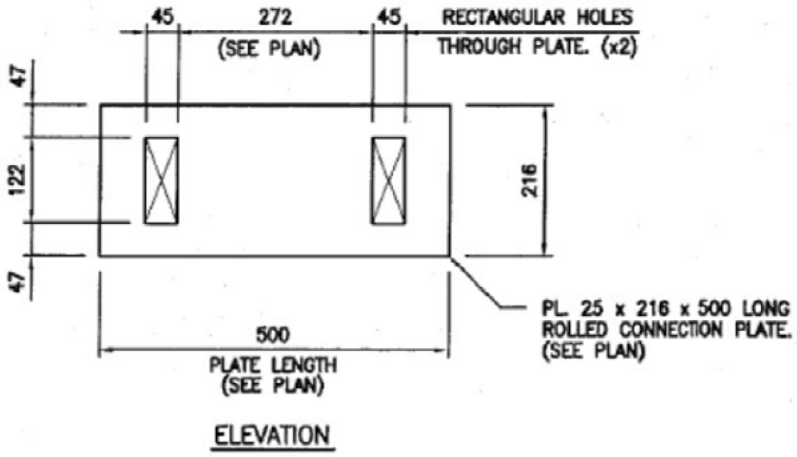
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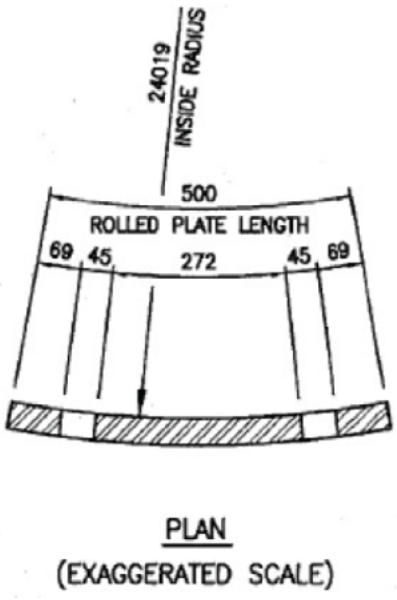
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Enlarged Details & Elevation









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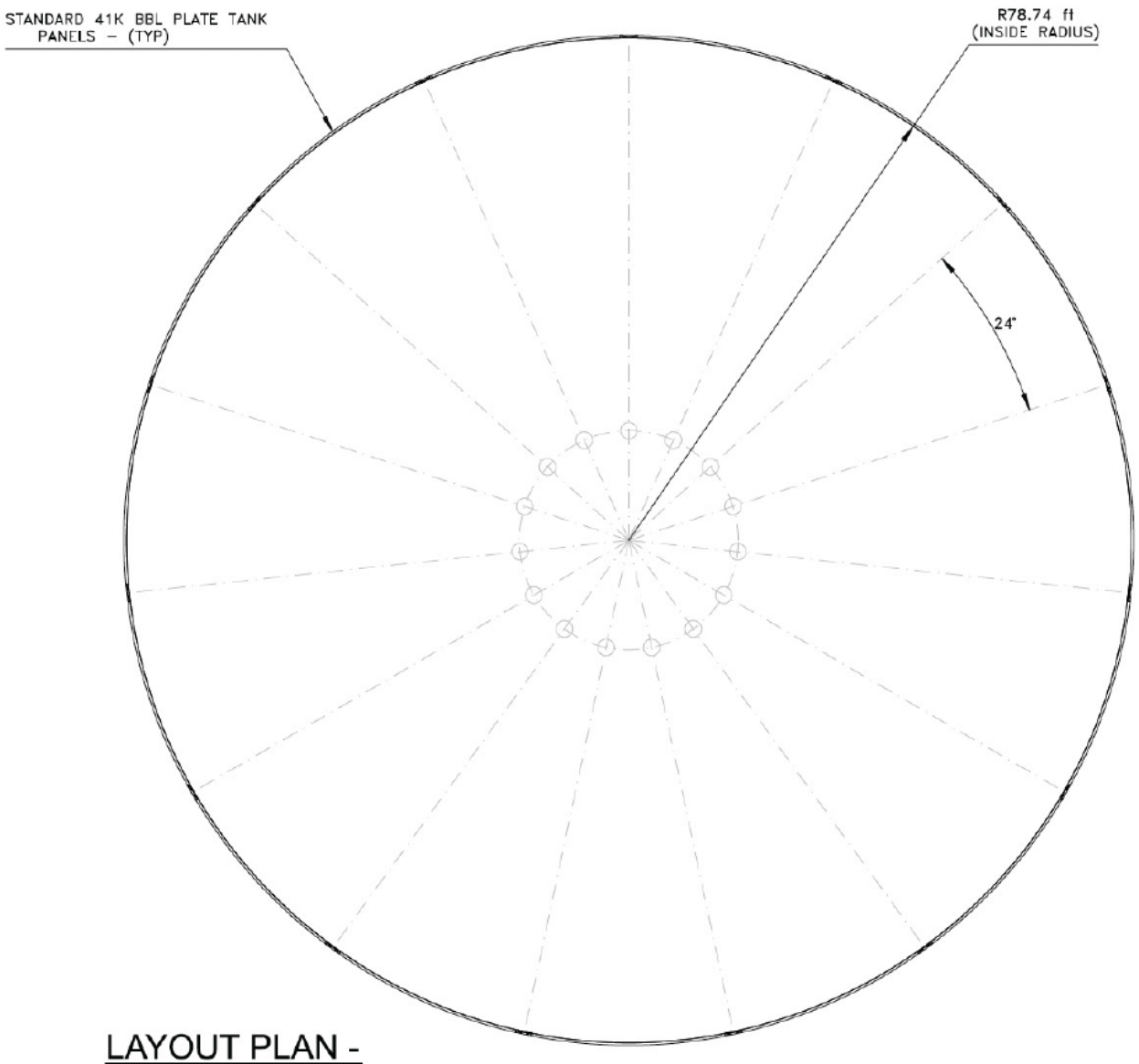
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Top View Detail



LAYOUT PLAN -
15 PANEL PLATE TANK

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