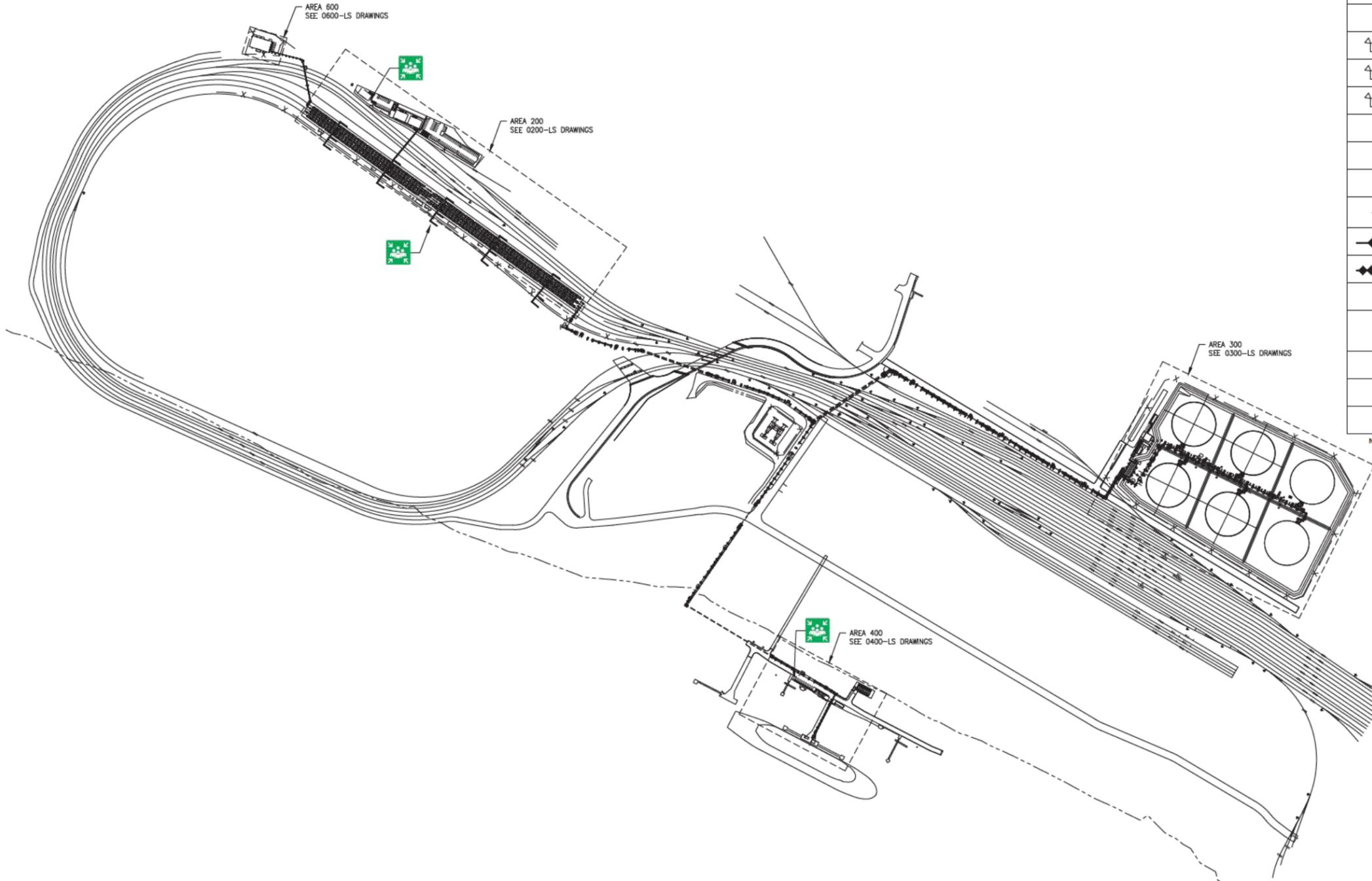


Vancouver Energy
Operations Facility Oil Handling Manual
EFSEC Application for Site Certification No. 2013-01
Docket No. EF131590



Appendix A
Facility and Dock Plot Plans

OFF-SITE EVACUATION:
ALONG NW OLD LOWER RIVER
RD. APPROX. 500 FEET
NORTHWEST OF THE MAIN OFFICE

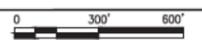


SYMBOLS	LEGEND	DESCRIPTION	PROTECTIVE ELEMENTS
		DRY CHEMICAL EXTINGUISHER - ABC TYPE	
		DRY CHEMICAL EXTINGUISHER - ABC TYPE - WHEELED	
		ILLUMINATED EXIT SIGN	
		EMERGENCY LIGHT - BATTERY POWERED	
		EMERGENCY LIGHT - BATTERY POWERED - EXPLOSION PROOF	
		COMBINED BATTERY POWERED EMERGENCY LIGHT AND ILLUMINATED EXIT SIGN	
		EYE WASH STATION - HEATED	
		EYE WASH STATION - PORTABLE	
		EXIT - EXTERIOR	
$\frac{W}{L}$		ACCUMULATED EXIT WIDTH AT REQUIRED EXIT (CLEAR WIDTH)	OCCUPANTS / REQUIRED WIDTH PROVIDED WIDTH (BASED ON MOST RESTRICTIVE EXIT COMPONENT)
		2 HOUR FIRE BARRIER	
		3 HOUR FIRE BARRIER	
		MUSTER POINT	
		GAS DETECTOR	GAS DETECTOR SETTINGS: CH4: LOW/10%LEL HIGH/30%LEL H2S: LOW/10ppm HIGH/15ppm O2: LOW/19% HIGH/24%
		SMOKE DETECTOR	
		HORN/STROBE	
		FOAM RELEASE MANUAL SWITCH	

Note: Final drawings will include locations of windsocks, first aid kits, automated external defibrillators, and spill response materials.

- GENERAL NOTES:**
- THESE DRAWINGS ARE CONCEPTUAL IN NATURE AND ARE ONLY MEANT TO SHOW THE DESIGN INTENT.
 - THE EQUIPMENT PLACEMENT SHOWN IS FOR DIAGRAMMATIC PURPOSES ONLY. THE ENGINEER RESPONSIBLE FOR THE INSTALLATION SHALL MAKE ANY FINAL DETERMINATIONS ON DEVIATIONS FROM THIS LAYOUT.
 - ALL EQUIPMENT TO BE INSTALLED SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (2012), INTERNATIONAL FIRE CODE (2012), NFPA 10 (2010), NFPA 30 (2012), ANSI Z358.1 (2009), AND OTHER APPLICABLE CODES AND STANDARDS, OR AS REQUIRED BY THE "AHJ".
 - EXTINGUISHERS LOCATED IN E-HOUSES ARE ALLOWED TO BE CO₂.
 - FIRE EXTINGUISHERS LOCATED OUTSIDE OR EXPOSED TO WEATHER SHALL BE PROTECTED BY AN ENCLOSURE OR PROTECTIVE COVER.

1 LIFE SAFETY SITE PLAN
SCALE: 1" = 300'



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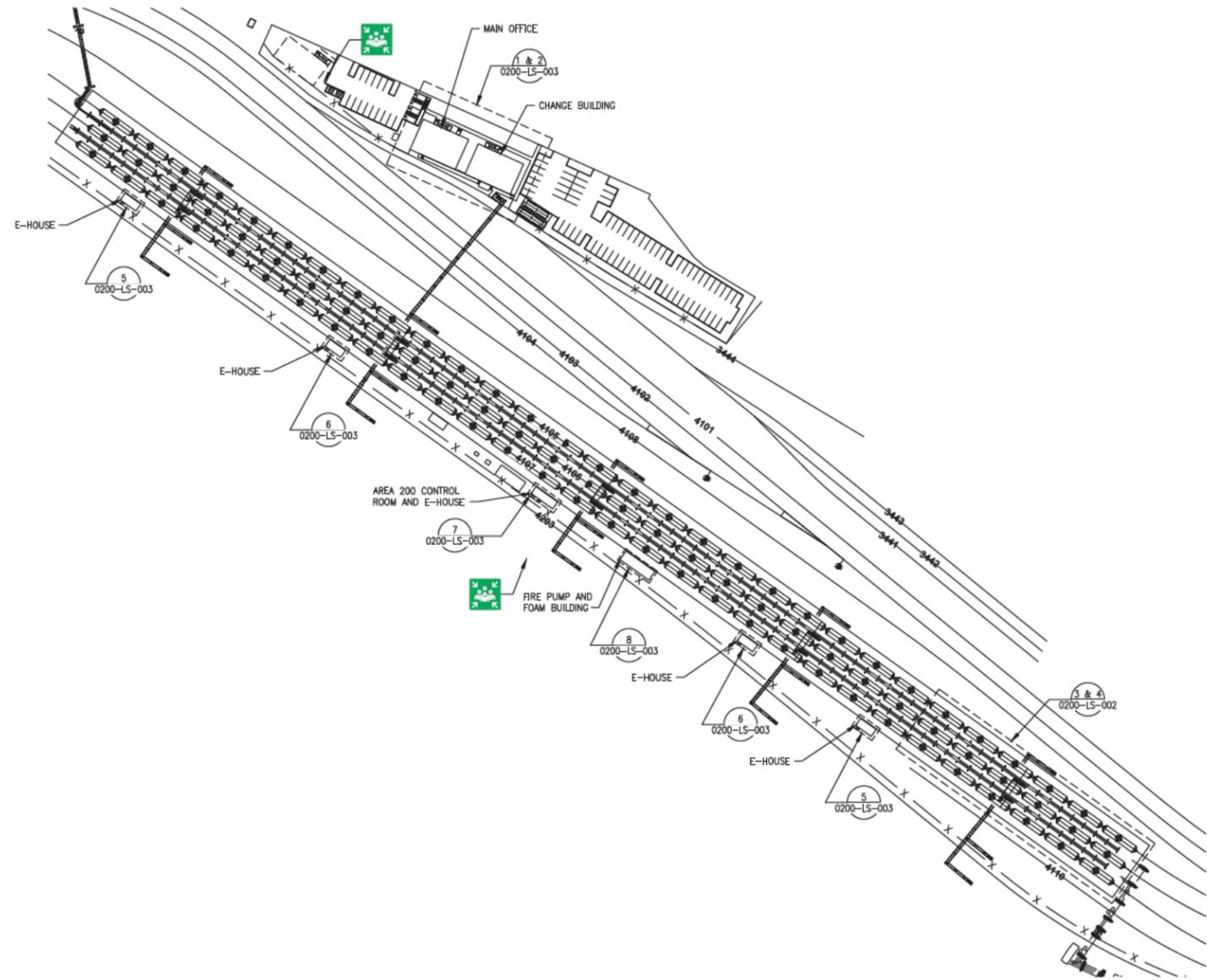
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VANCOUVER ENERGY
Tesoro Savage Petroleum Terminal LLC

PROJECT: TESORO SAVEAG VANCOUVER ENERGY DISTRIBUTION TERMINAL
PORT OF VANCOUVER, WASHINGTON

DESCRIPTION: LIFE SAFETY SITE PLAN

DESIGN: R. BENNETT	START DATE: 3/31/2014	SCALE: AS NOTED
DRAWN: D. FLAGOR	PRINT DATE: 04-30-2015	PROJECT MANAGER: L. POOLE
CHECKED: J. POOLE	APPROVED: J. POOLE	SIZE: 24x36
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		REV: A



1 AREA 200 - LIFE SAFETY SITE PLAN
 SCALE: 1" = 100'



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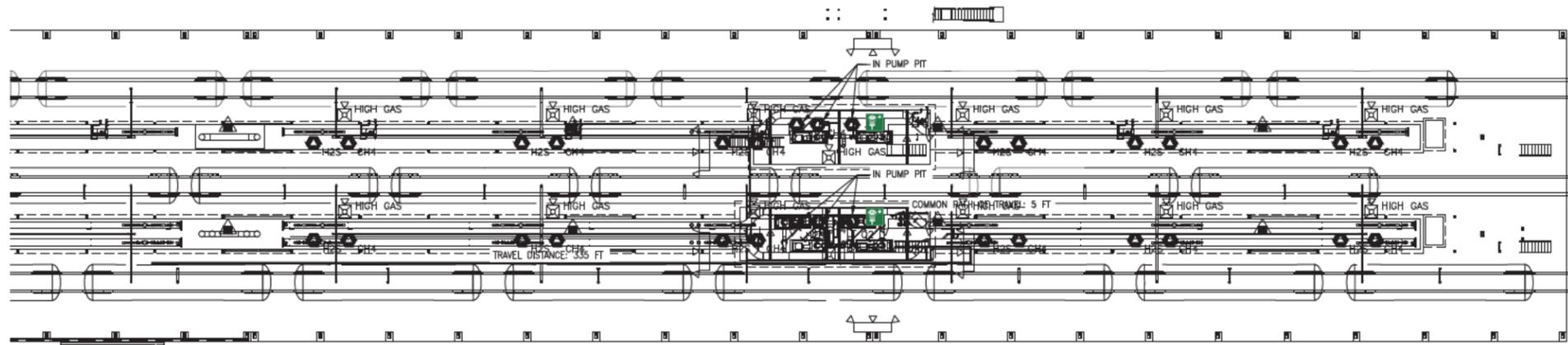
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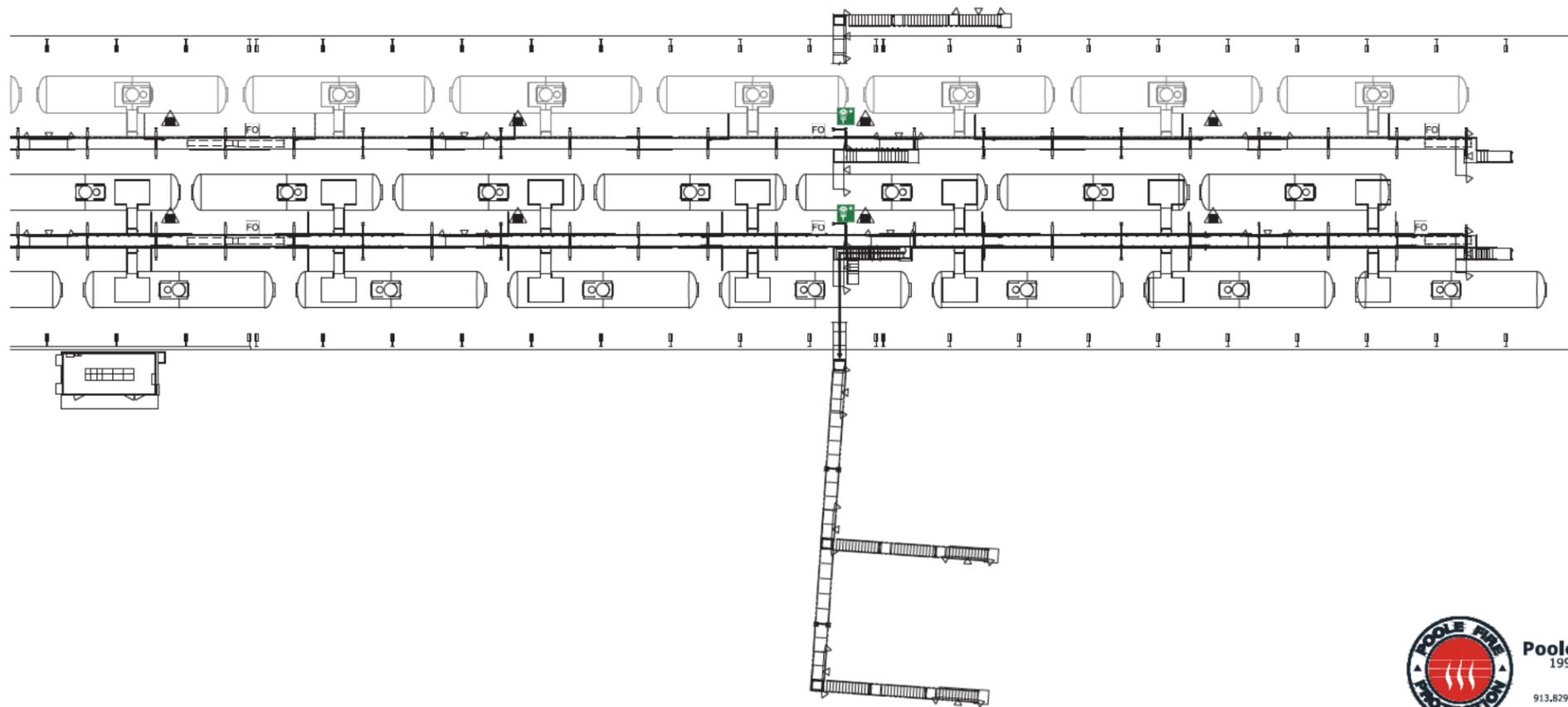
PROJECT: TESORO SAVEAG VANCOUVER ENERGY DISTRIBUTION TERMINAL
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		REV. A



3 AREA 200 - TYPICAL LIFE SAFETY UNLOADING BUILDING PLAN @ T/RAIL EL 32'-6"



4 AREA 200 - TYPICAL LIFE SAFETY UNLOADING BUILDING PLAN @ EL 57'-8"



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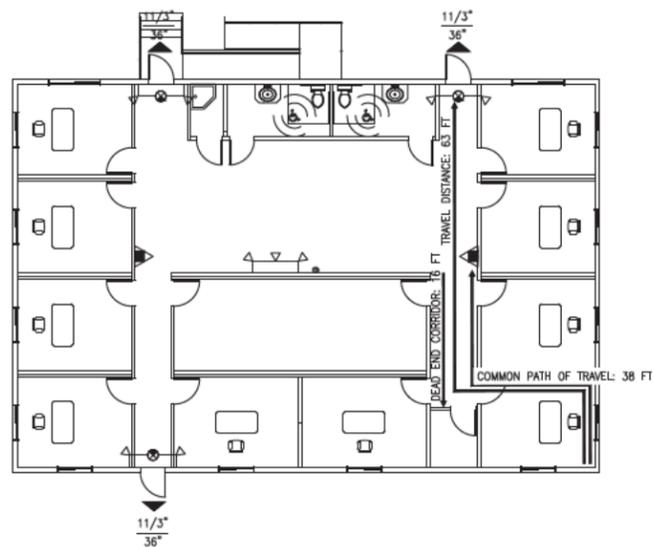
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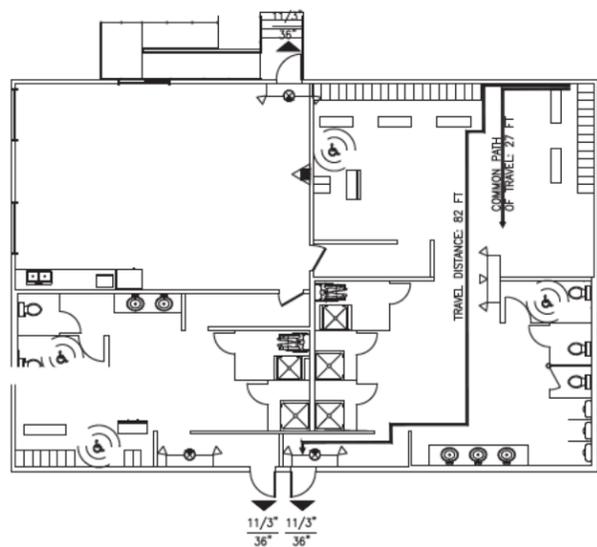
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DESCRIPTION:
 AREA 200 - TYPICAL LIFE SAFETY UNLOADING BUILDING PLANS

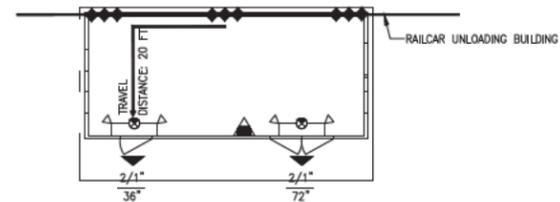
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0200-LS-002				1	A



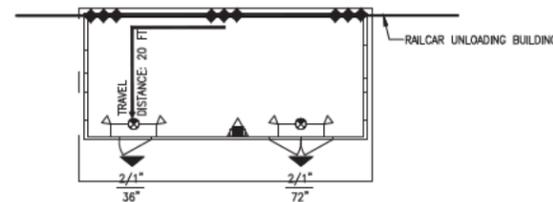
1 AREA 200 - LIFE SAFETY OFFICE BUILDING PLAN
SCALE: 1" = 10'



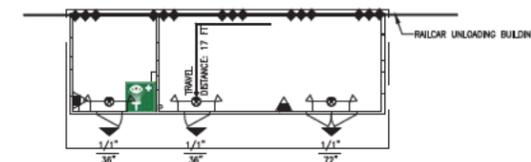
2 AREA 200 - LIFE SAFETY CHANGE BUILDING PLAN
SCALE: 1" = 10'



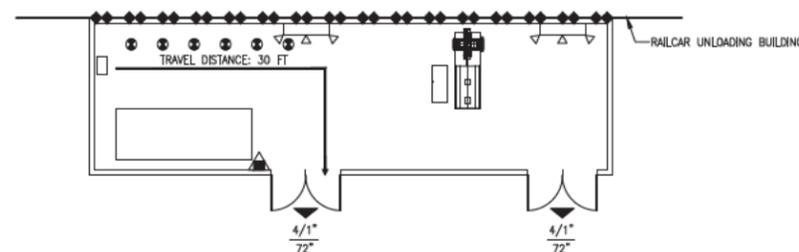
5 AREA 200 - LIFE SAFETY E-HOUSE 1 & 5 PLAN
SCALE: 1/8" = 1'-0"



6 AREA 200 - LIFE SAFETY E-HOUSE 2 & 4 PLAN
SCALE: 1/8" = 1'-0"



7 AREA 200 - LIFE SAFETY CONTROL ROOM/E-HOUSE 3 PLAN
SCALE: 1/8" = 1'-0"



8 AREA 200 - LIFE SAFETY FIRE PUMP AND FOAM BUILDING PLAN
SCALE: 1/8" = 1'-0"



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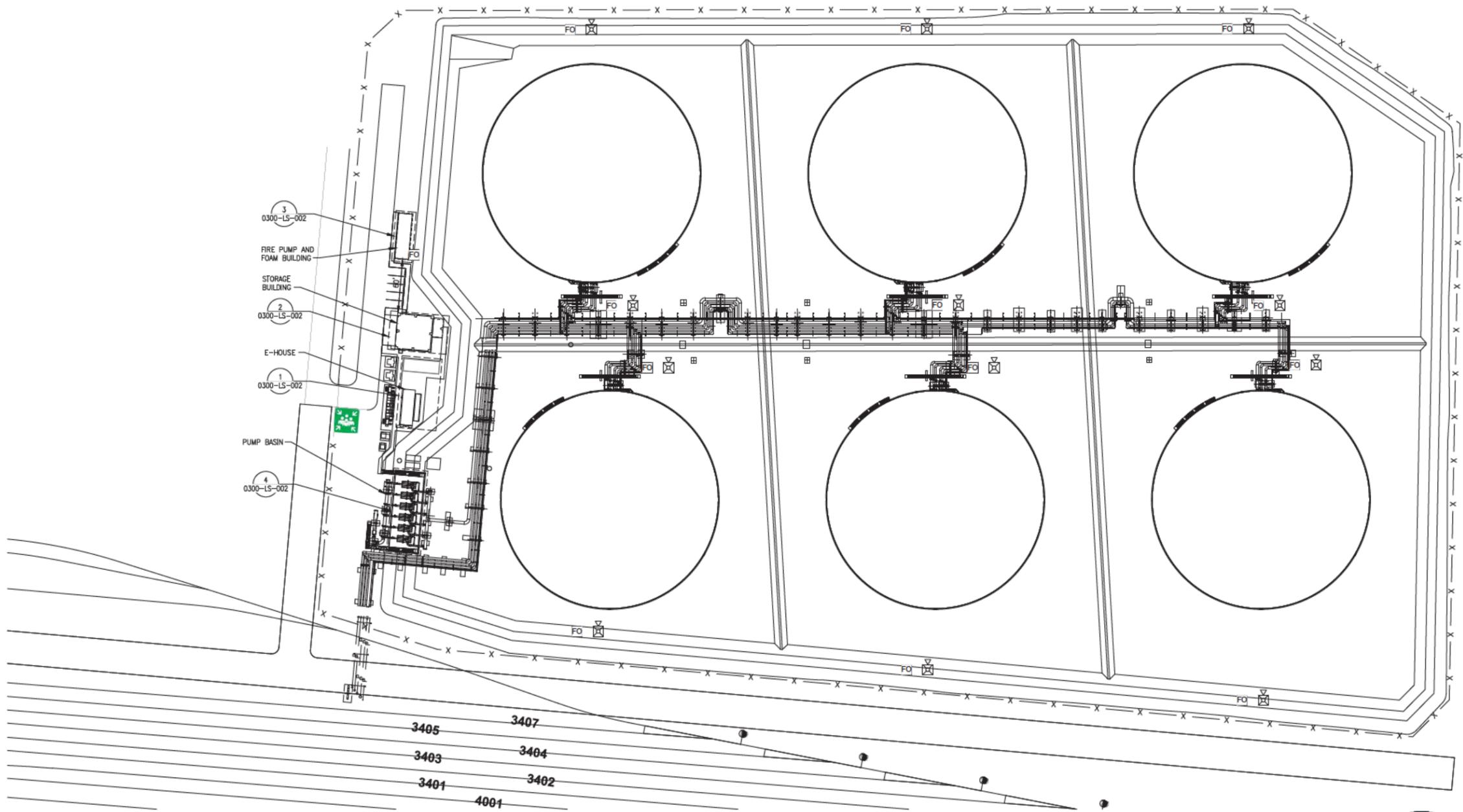
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Tesoro Savage Petroleum Terminal LLC

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PORT OF VANCOUVER, WASHINGTON

DESCRIPTION:
AREA 200 - LIFE SAFETY PLANS

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1 AREA 300 - LIFE SAFETY SITE PLAN
SCALE: 1" = 60'



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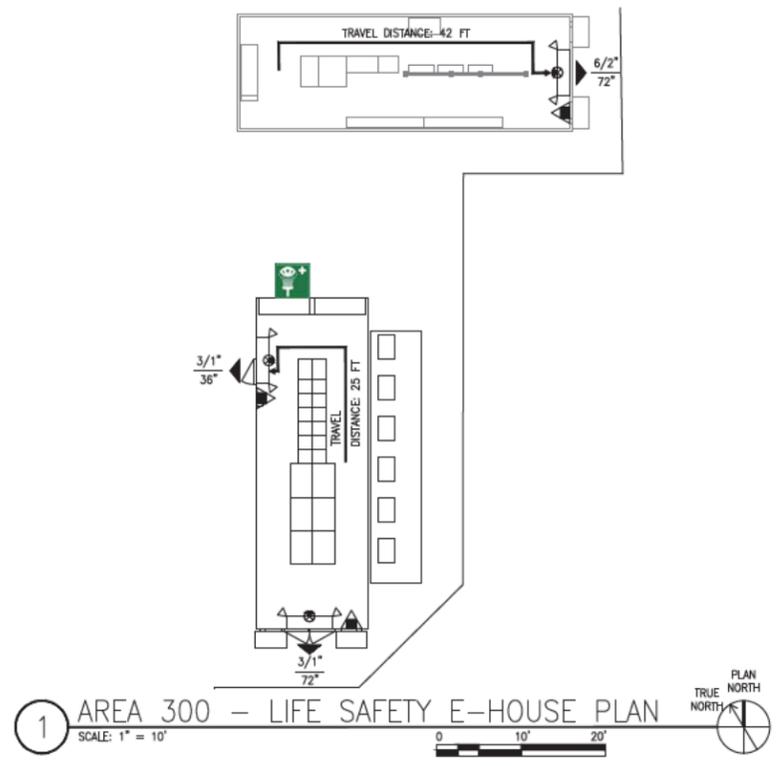
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Tesoro Savage Petroleum Terminal LLC

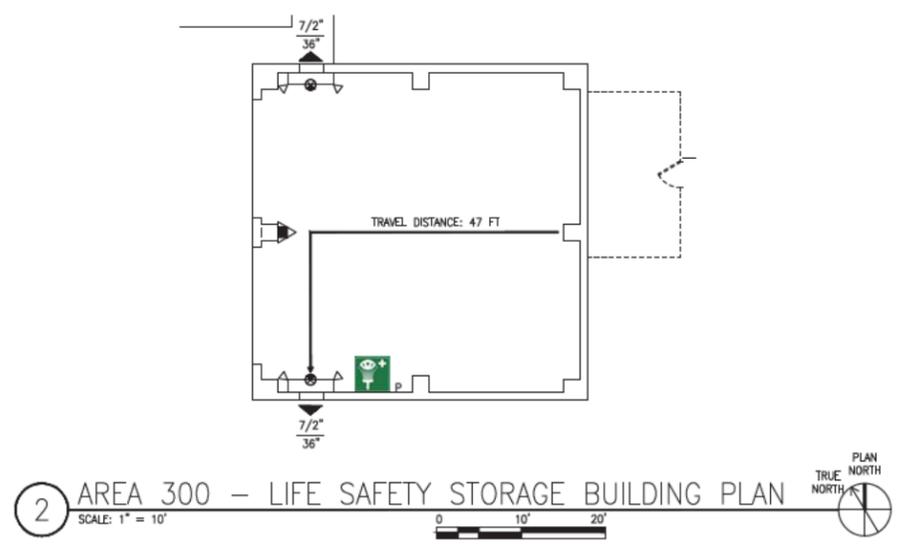
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DESCRIPTION:
AREA 300 - LIFE SAFETY SITE PLAN

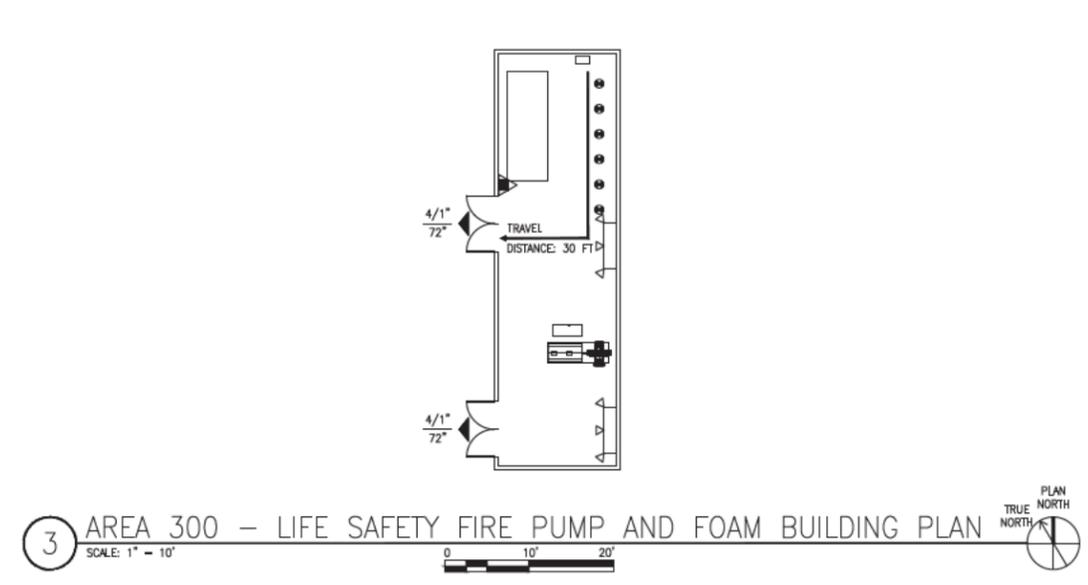
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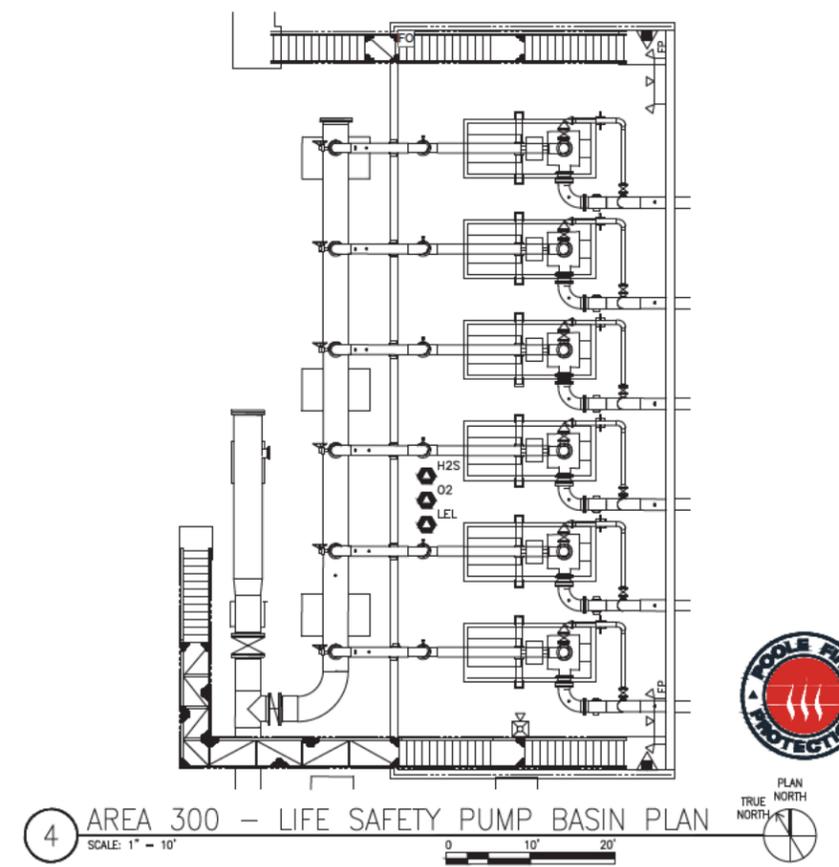
1 AREA 300 - LIFE SAFETY E-HOUSE PLAN
SCALE: 1" = 10'



2 AREA 300 - LIFE SAFETY STORAGE BUILDING PLAN
SCALE: 1" = 10'



3 AREA 300 - LIFE SAFETY FIRE PUMP AND FOAM BUILDING PLAN
SCALE: 1" = 10'



4 AREA 300 - LIFE SAFETY PUMP BASIN PLAN
SCALE: 1" = 10'

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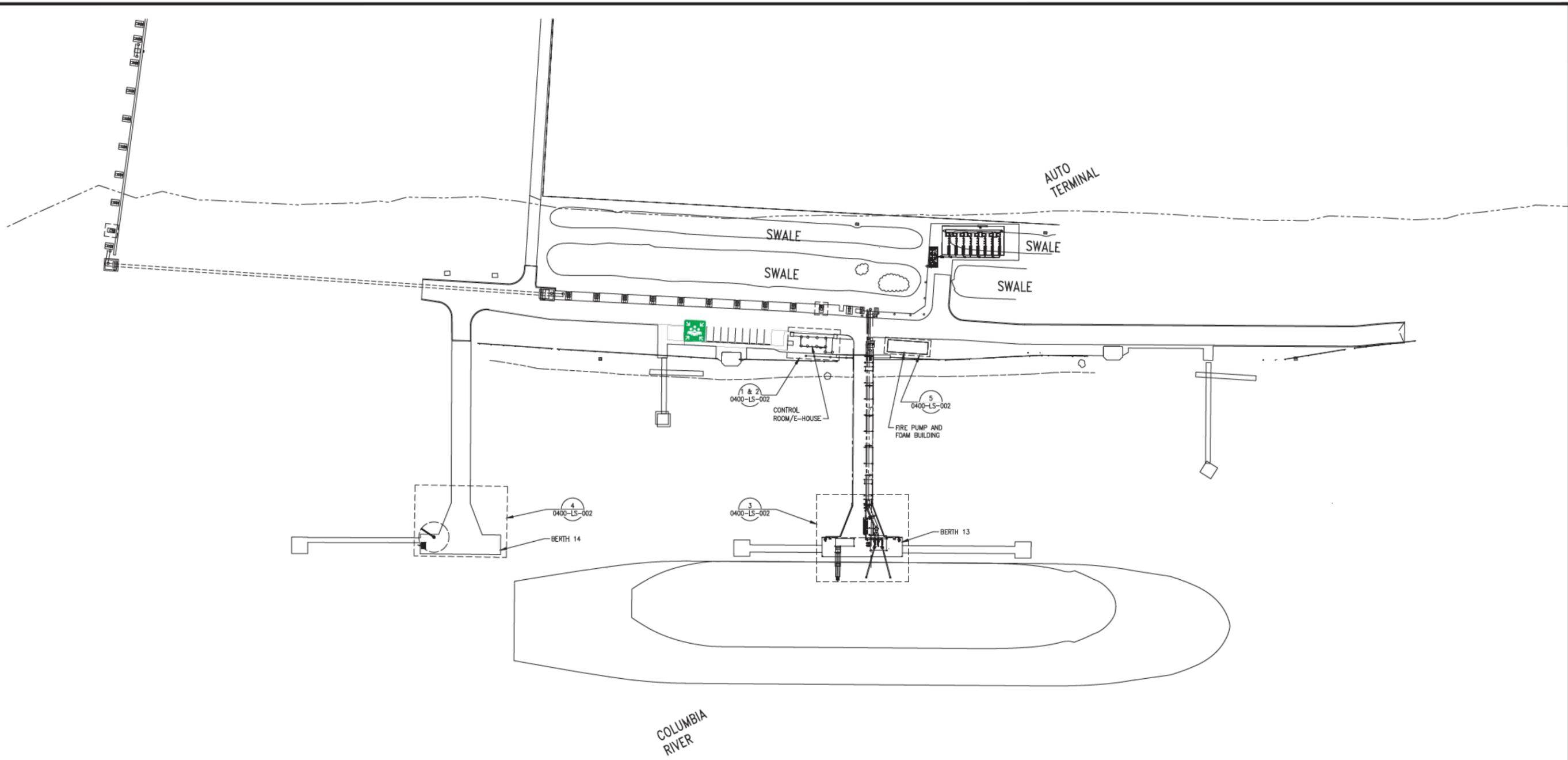
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1 AREA 400 - LIFE SAFETY SITE PLAN
 SCALE: 1" = 60'
 0 60' 120'



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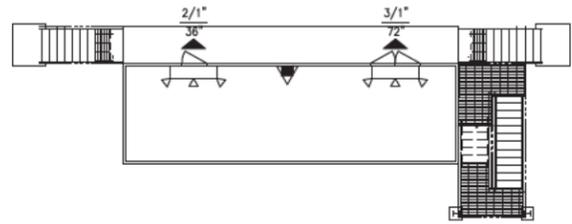
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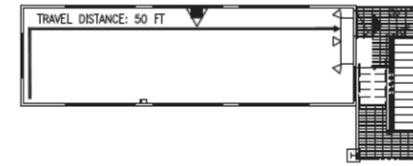
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 PORT OF VANCOUVER, WASHINGTON
 DESCRIPTION: AREA 400 - LIFE SAFETY SITE PLAN

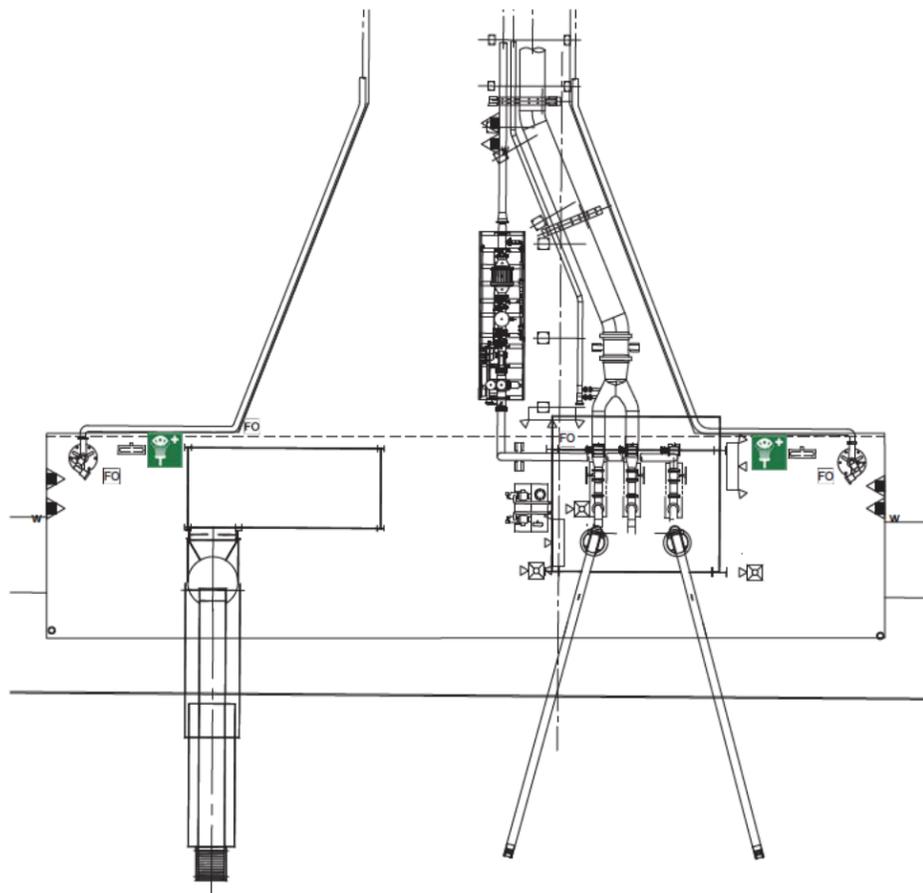
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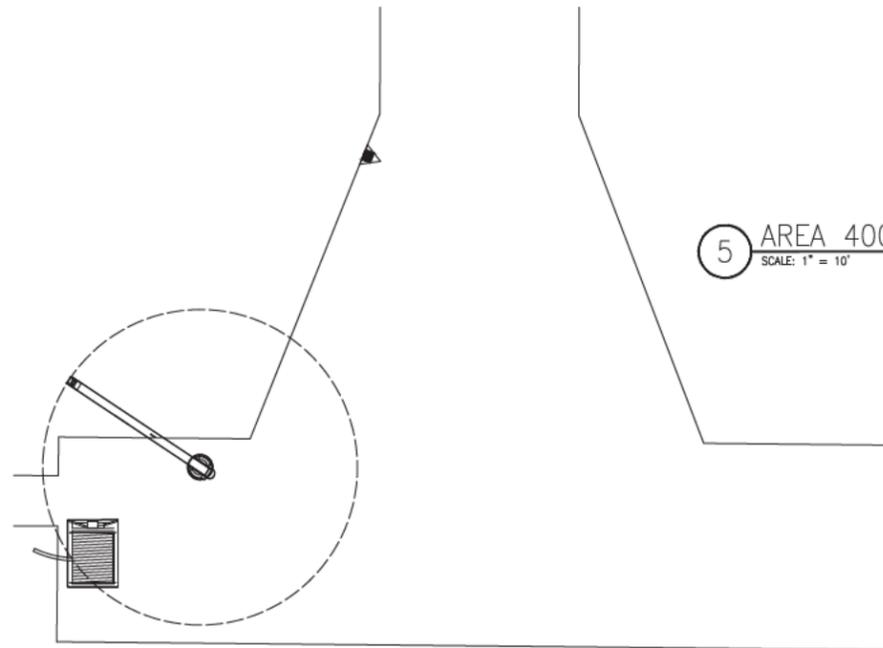
1 AREA 400 – LIFE SAFETY CONTROL ROOM/E-HOUSE BOTTOM FLOOR PLAN
 SCALE: 1" = 10'



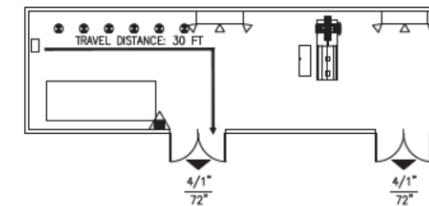
2 AREA 400 – LIFE SAFETY CONTROL ROOM/E-HOUSE UPPER FLOOR PLAN
 SCALE: 1" = 10'



3 AREA 400 – LIFE SAFETY BERTH 13 PLAN
 SCALE: 1" = 10'



4 AREA 400 – LIFE SAFETY BERTH 14 PLAN
 SCALE: 1" = 10'



5 AREA 400 – LIFE SAFETY FIRE PUMP AND FOAM BUILDING PLAN
 SCALE: 1" = 10'



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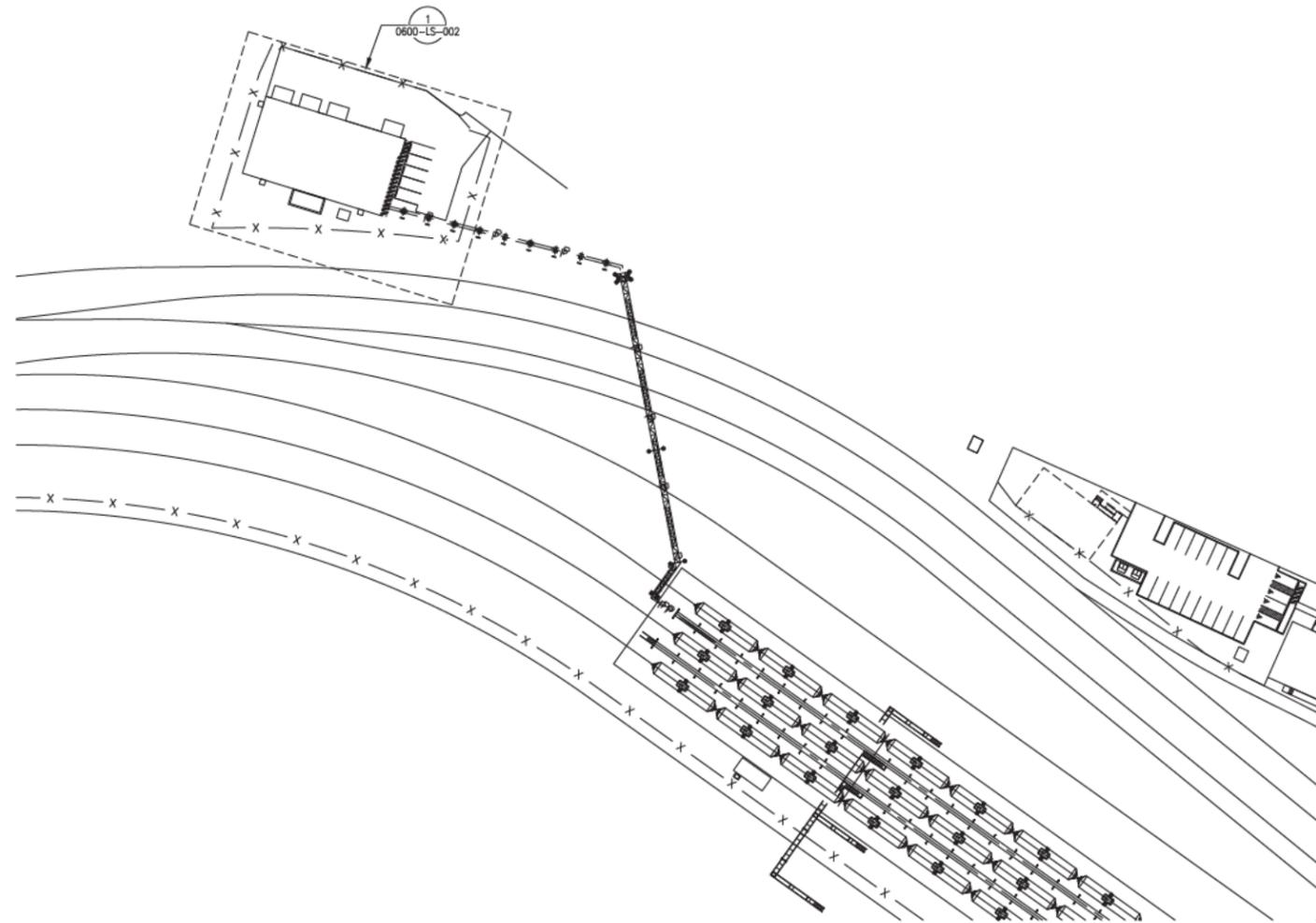
5

6

7

8

9



1 AREA 600 - LIFE SAFETY SITE PLAN
 SCALE: 1" = 60'



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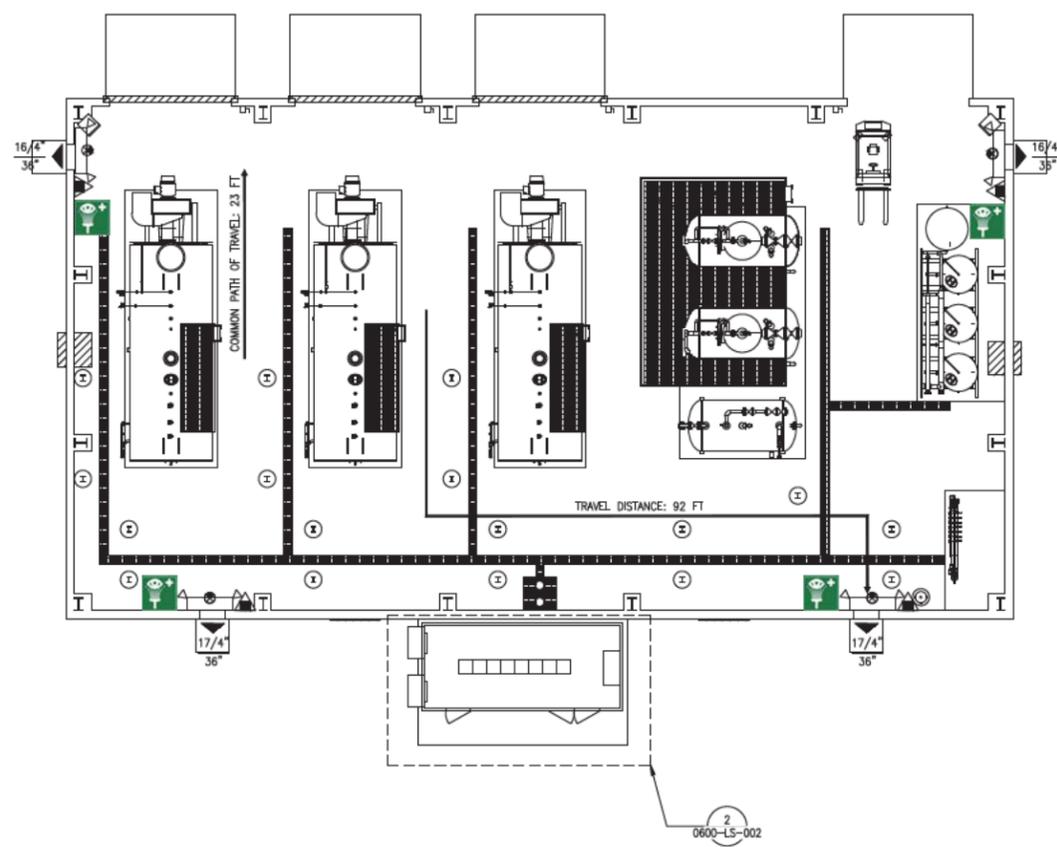
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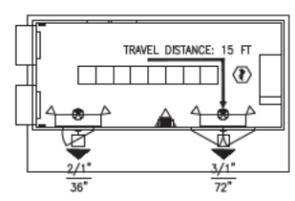
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DRAWING NUMBER				SHEET	REV.
0600-LS-001				1/1	A



1 AREA 600 - LIFE SAFETY BOILER HOUSE PLAN
 SCALE: 1" = 10'
 0 10' 20'
 PLAN TRUE NORTH



2 AREA 600 - LIFE SAFETY E-HOUSE PLAN
 SCALE: 1/8" = 1'-0"
 0 4' 8' 16'
 PLAN TRUE NORTH



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