



MITTAUER
& ASSOCIATES, INC.
CONSULTING ENGINEERS &
PROJECT FUNDING SPECIALISTS

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ORANGE PARK, FL 32073
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January 27, 2017

Mr. Bheem Kothur, P.E., DEE
Division of Waste Management
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Application to Modify a Waste Processing Facility
Used Oil Processing permit No. 72815-HO-012 (Expires Nov. 20, 2017)
Liquid Environmental Solutions of Florida, LLC
Mittauer & Associates, Inc. Project No. 9122-41-1

Dear Mr. Kothur:

Liquid Environmental Solutions of Florida proposes to construct additional tankage for Fat, Oil & Grease (FOG) storage. Please find enclosed an Application to Modify a Waste Processing Facility with attachments as follows:

1. Permit Application Fee: \$50.00 Payable to Florida Department of Environmental Protection.
2. One copy of DEP Form 62-701.900(4), Application to Construct, Operate, or Modify a Waste Processing Facility, Signed & Sealed
3. Updated site exhibits with revised Tank Table
4. Electronic copy of permit application and attachments on CD

Thank you for processing this permit modification application, and please feel free to call with any questions.

Sincerely,
Mittauer & Associates, Inc.

David S. Hodges
Project Engineer

DSH/dh

Enclosures

cc/enc: Yuri Turovsky, LES



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(4), F.A.C.

Form Title: Application to Construct, Operate, or
Modify a Waste Processing Facility

Effective Date: August 12, 2012

Incorporated in Rule: 62-701.710(2), F.A.C.

APPLICATION TO CONSTRUCT, OPERATE, OR MODIFY A WASTE PROCESSING FACILITY

GENERAL REQUIREMENT: Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes (F.S.) and in accordance with Florida Administrative Code (F.A.C.) Chapter 62-701. A minimum of four copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with subsection 62-701.315(4), F.A.C., shall be submitted with the application by check made payable to the Department of Environmental Protection (DEP). Complete appropriate sections for the type of facility for which application is made and include all additional information, drawings, and reports necessary to evaluate the facility.

Please Type or Print in Ink

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

☐ Transfer Station:

☐ C&D

☐ Class III

☐ Class I

☐ Other Describe: _____

☒ Materials Recovery Facility:

☐ C&D Recycling

☐ Class III MRF

☐ Class I MRF

☒ Other Describe: Used Oil Processing Facility

☐ Other Facility That Processes But Does Not Dispose Of Solid Waste On-Site:

☐ Storage, Processing or Disposal for Combustion Facilities (not addressed in another permit)

☐ Other Describe: _____

NOTE: C&D Disposal facilities that also recycle C&D shall apply on DEP Form 62-701.900(6), F.A.C.

2. Type of application:

☐ Construction/Operation

☒ Operation without Additional Construction

3. Classification of application:

☐ New

☐ Substantial Modification

☐ Renewal

☐ Intermediate Modification

☒ Minor Modification

4. Facility name: Liquid Environmental Solutions of Florida, LLC

5. DEP ID number: FLD981928484 County: Duval

6. Facility location (main entrance): 1640 Tallyrand Avenue, Jacksonville, Florida 32206

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8300

Northeast District
7777 Baymeadows Way W, Ste 100
Jacksonville, FL 32256-7590
904-256-1700

Central District
3319 Maguire Blvd, Ste 232
Orlando, FL 32803-3767
407-897-4100

Southwest District
13051 N Telecom Pkwy
Temple Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave, Ste 364
Fort Myers, FL 33901-3881
239-344-5600

Southeast District
400 North Congress Ave
West Palm Beach, FL 33401
561-681-6600

7. Location coordinates:
Section: 8 Township: 25 Range: 27E
Latitude: 30. 20, 36. Longitude: 81. 37, 46.
Datum: UTM 17 Coordinate Method: 439460E/33568/50N
Collected by: Mittauer & Associates, Inc. Company/Affiliation: Mittauer & Associates, Inc.
8. Applicant name (operating authority): Liquid Environmental Solutions of Florida, LLC
Mailing address: 1640 Tallyrand Avenue, Jacksonville, FL 32206
Street or P.O. Box City State Zip
Contact person: Yuri Turovsky Telephone: (904) 438-2138
Title: Plant Manager yuri.turovsky@liquidenviro.com
E-Mail address (if available)
9. Authorized agent/Consultant: Mittauer & Associates, Inc.
Mailing address: 580-1 Wells Road, Orange Park, Florida 32073
Street or P.O. Box City State Zip
Contact person: Joseph A. Mittauer Telephone: (904) 278-0030
Title: President admin@mittauer.com
E-Mail address (if available)
10. Landowner (if different than applicant): A. Thomas Dudley, Sr.
Mailing address: 1010 E. Adams Street, Jacksonville, Florida 32203
Street or P.O. Box City State Zip
Contact person: A. Thomas Dudley Telephone: (904) 945-2525
tomdudley44@gmail.com
E-Mail address (if available)
11. Cities, towns and areas to be served: Solid waste activities are only for in-facility use.
12. Date site will be ready to be inspected for completion: (existing)
13. Estimated costs:
Total Construction: \$ N/A Closing Costs: \$ N/A
14. Anticipated construction starting and completion dates:
From: N/A To: N/A
15. Expected volume of waste to be received: N/A yds³/day N/A tons/day
Solid waste is a side stream of existing used oil treatment processes.

16. Provide a brief description of the operations planned for this facility: Liquid Environmental Solutions, LLC is an existing permitted used oil processing facility. Fat, Oil & Grease (FOG) is accumulated on site and transported off site for processing.
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B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required.

1. Provide a description of the operation of the facility that shall include (62-701.710(2)(a), F.A.C.):
 - a. The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;
 - b. The expected daily average and maximum weights or volumes of materials to be managed or processed;
 - c. How the materials will be managed or processed;
 - d. How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;
 - e. The types of equipment that will be used;
 - f. The maximum time materials will be stored at the facility;
 - g. The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and
 - h. The expected disposition of materials after leaving the facility.
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (62-701.710(2)(b), F.A.C.).
3. Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.).
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (62-701.710(2)(d), F.A.C.).
5. Provide an operation plan that describes how the applicant will comply with subsection 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (62-701.710(2)(e), F.A.C.).
6. Provide a closure plan that describes how the applicant will comply with subsection 62-701.710(6), F.A.C. (62-701.710(2)(f), F.A.C.).
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (62-701.710(2)(g), F.A.C.).
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (62-701.710(2)(h), F.A.C.).
9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2), F.A.C. and 62-701.320(7)(i), F.A.C.)
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)

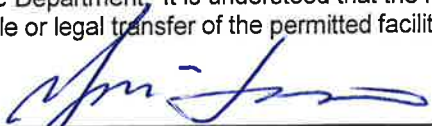
C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Liquid Environmental Solutions of Florida, LLC

is aware that statements made in this form and attached information are an application for a modification of

an existing permit Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Permit is not transferable, and the Department will be notified prior to the sale or legal transfer of the permitted facility.



Signature of Applicant or Agent

Yuri Turovsky, Plant Manager

Name and Title (please type)

yuri.turovsky@liquidenviro.com

E-Mail address (if available)

1640 Tallyrand Avenue

Mailing Address

Jacksonville, Florida 32206

City, State, Zip Code

(904) 438-2138

Telephone Number

Date

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

2. Professional Engineer registered in Florida (or Public Officer if authorized under Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this waste processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.

Signature

Joseph A. Mittauer

Name and Title (please type)

23111

Florida Registration Number
(please affix seal)

580-1 Wells Road

Mailing Address

Orange Park, Florida 32073

City, State, Zip Code

admin@mittauer.com

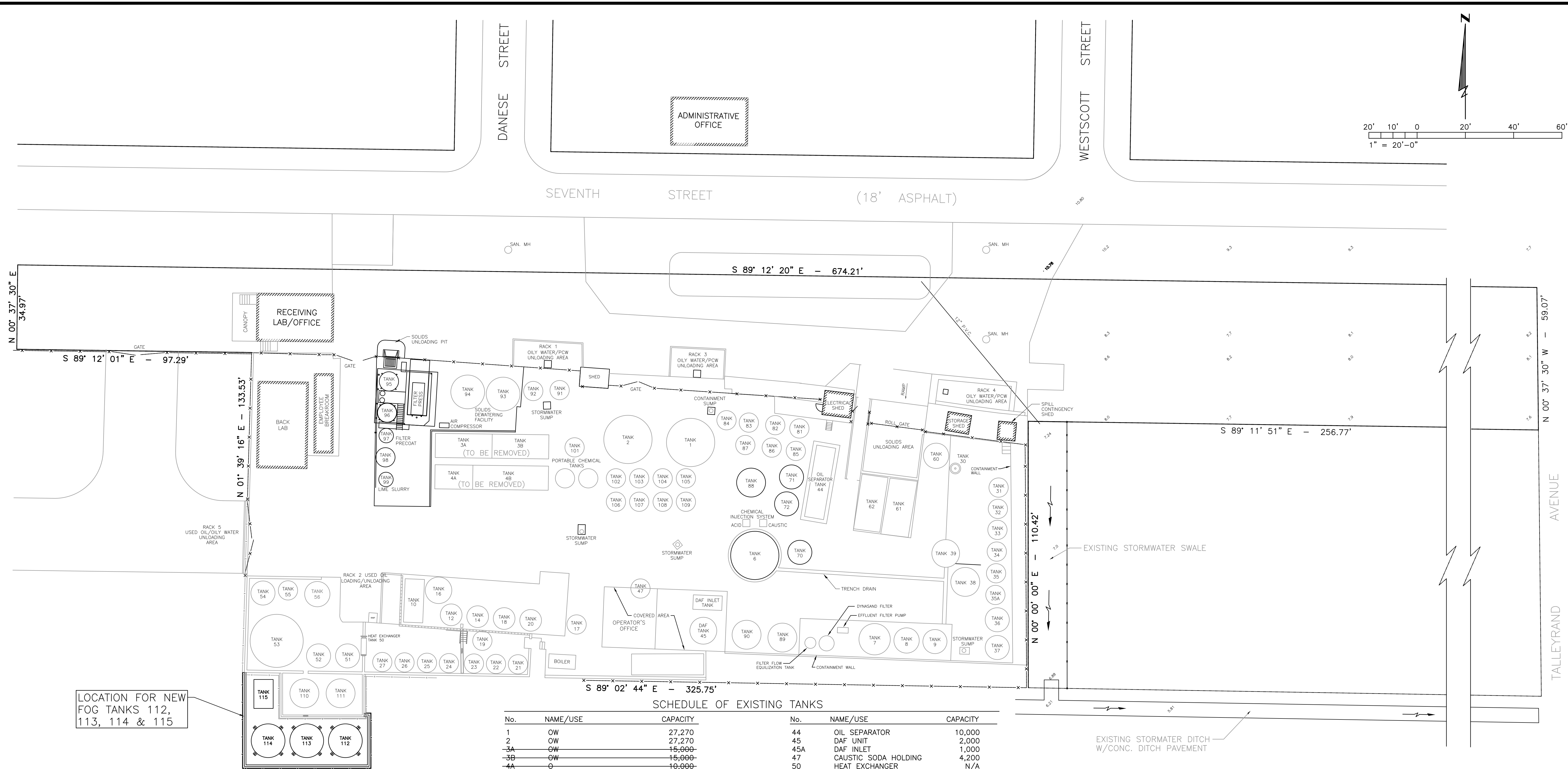
E-Mail address (if available)

(904) 278-0030

Telephone Number

Date

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SCHEDULE OF PROPOSED TANKS

No.	NAME/USE	CAPACITY
102	OW	14,000
103	OW	14,000
104	OW	14,000
105	OW	14,000
106	OW	14,000
107	OW	14,000
108	OW	14,000
109	OW	14,000
110	FOG	20,000
111	FOG	20,000
112	FOG	37,000
113	FOG	37,000
114	FOG	37,000
115	FOG	4,000

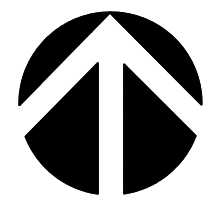
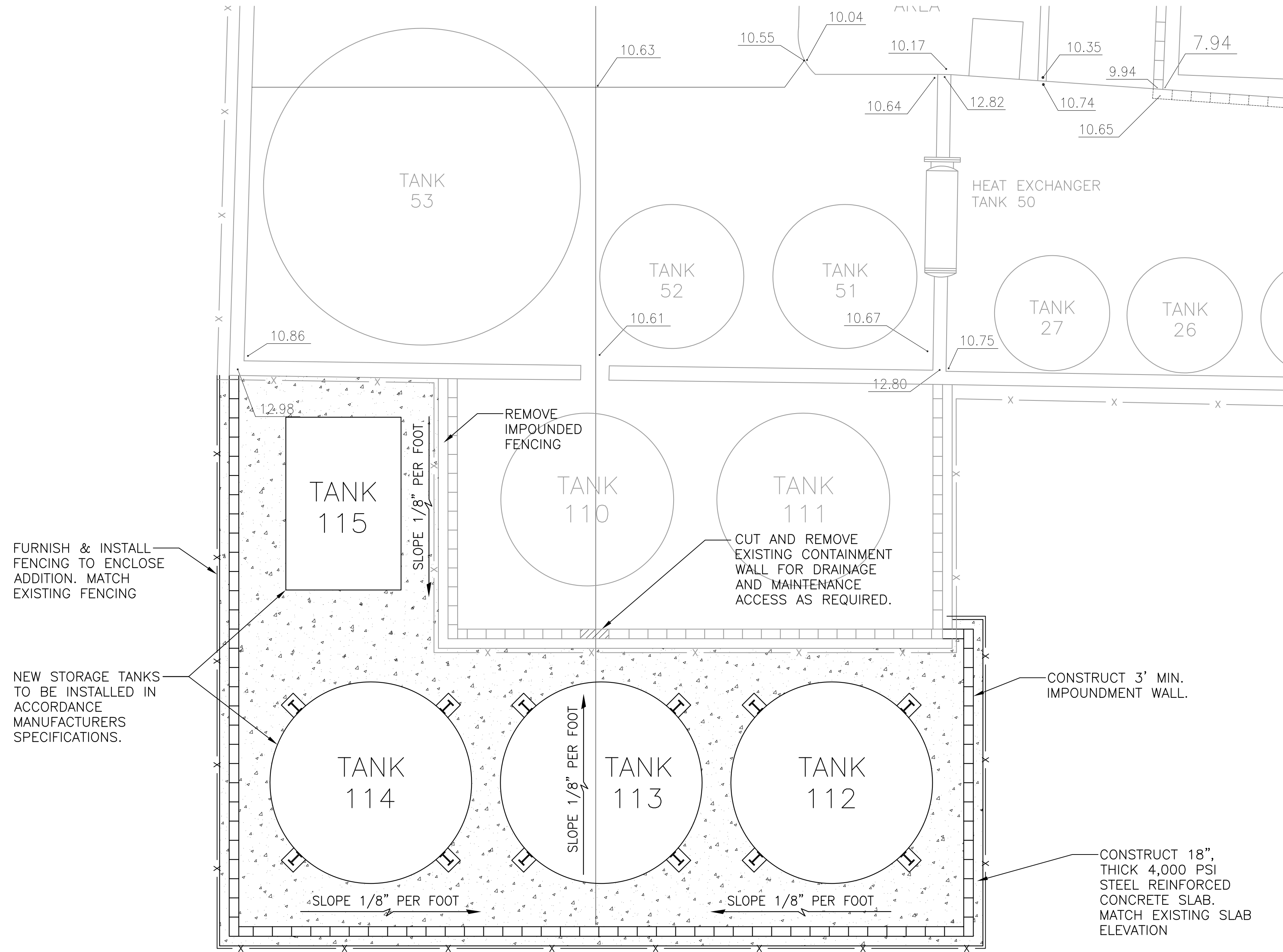
SCHEDULE OF EXISTING TANKS

No.	NAME/USE	CAPACITY	No.	NAME/USE	CAPACITY
1	OW	27,270	44	OIL SEPARATOR	10,000
2	OW	27,270	45	DAF UNIT	2,000
3A	OW	15,000	45A	DAF INLET	1,000
3B	OW	15,000	47	CAUSTIC SODA HOLDING	4,200
4A	O	10,000	50	HEAT EXCHANGER	N/A
4B	O	20,000	51	O	15,000
6	OW	62,000	52	O	15,000
7	W	22,000	53	O	85,000
8	W	22,000	54	O	19,000
9	W	23,000	55	O	9,750
10	O	4,800	56	O	20,000
12	O	7,800	60	S	12,000
14	O	9,750	61	S	8,000
16	O	16,075	62	S	8,000
17	VIRGIN FUELS	1,200	70	S/OW	9,500
18	O	9,950	71	OW	6,500
19	O	7,800	72	OW	6,500
20	O	7,800	81	PCW	5,000
21	VIRGIN FUELS	8,000	82	PCW	5,000
22	O	7,800	83	OW	5,500
23	O	9,950	84	OW	5,500
24	O	15,000	85	OW	6,000
25	O	15,000	86	OW	6,000
26	O	15,000	87	OW	6,000
27	O	15,700	88	OW	6,000
30	W	500	89	S	10,000
31	W	10,000	90	S	10,000
32	W	12,000	91	OW	5,000
33	W	12,000	92	OW	5,000
34	W	12,000	93	S/OW	12,000
35	W	10,000	94	S/OW	12,000
35A	W	11,650	95	S	4,000
36	W	20,000	96	S	4,000
37	W	20,000	97	FILTER PRECOAT	1,000
38	W	30,000	98	W	12,000
39	W	30,000	99	LIME SLURRY	1,000
40	HEAT EXCHANGER	N/A	101	O	6,000

TANK LEGEND

FOG	-	FAT, OIL & GREASE
O	-	OIL MANAGEMENT UNIT
OW	-	OILY WATER
PCW	-	PETROLEUM CONTACT WATER
S	-	SLUDGE OR SOLIDS
W	-	WATER

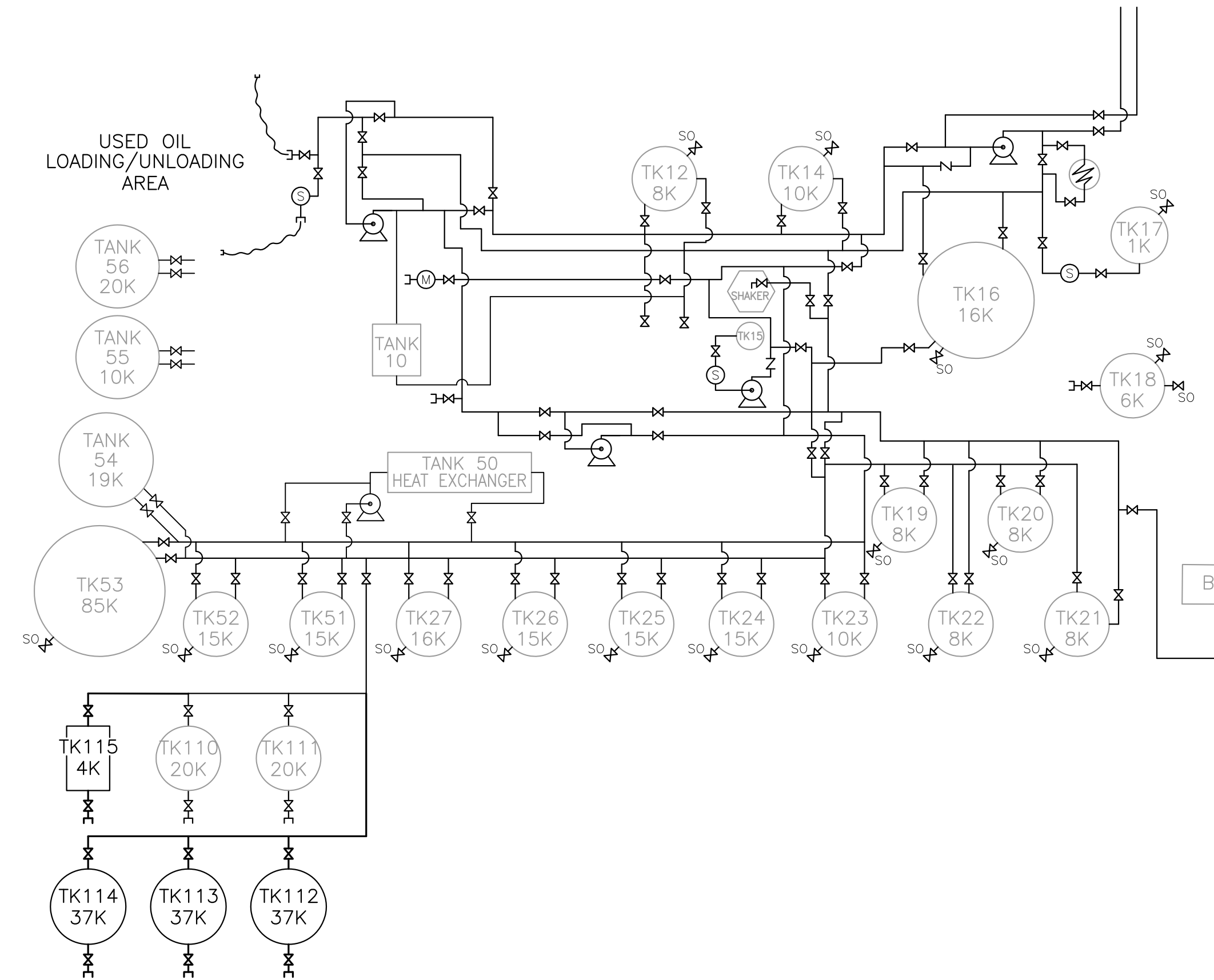
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TANKS 112, 113, 114 & 115 – PLAN

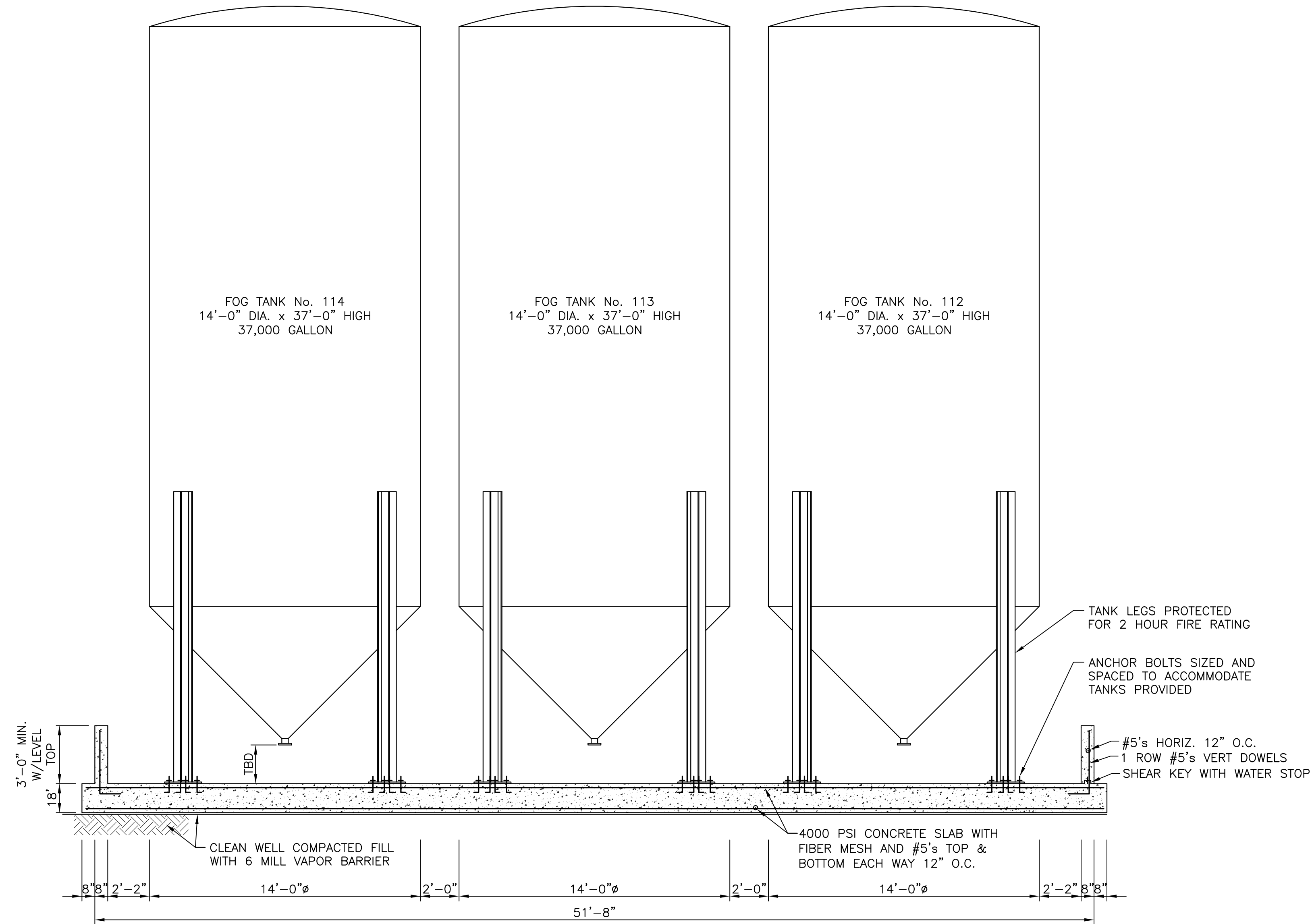
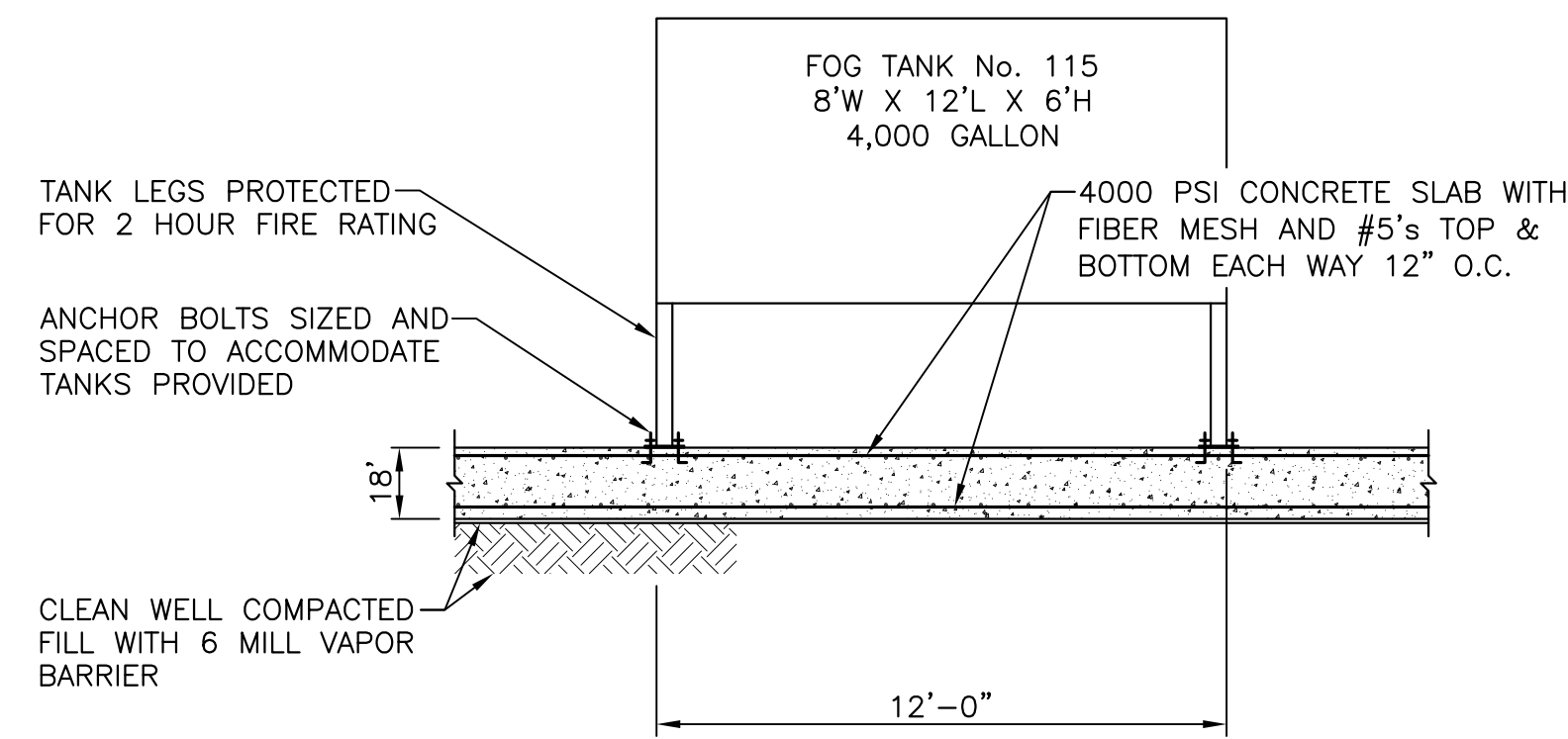
1" = 5'

NOTE: STORAGE AREA DESIGNED FOR CLASS IIIB STORAGE ONLY



TANKS 112, 113, 114 & 115 – PIPING DIAGRAM

N.T.S.



TYPICAL SECTIONS
1/4" = 1'-0"