



Corporate Office:
3404 Airway Blvd.
Amarillo TX 79118

Central Texas:
9855 FM 847
Dublin TX 76446

New Mexico:
203 East Main Street
Artesia NM 88210

August 6, 2025

Via FedEx

Mr. Armando Barrera, Environmental Permit Specialist
Municipal Solid Waste Permits – MC 124
TCEQ
PO Box 13087
Austin TX 78711-3087

Re: Technical Notice of Deficiency Letter 3
AmTex Liquid Waste Processing, LLC
Amarillo, Potter County, TX
Proposed Municipal Solid Waste Permit Number: 2424
Tracking No. 30815798; RN112134879/CN606349876
New Type V Permit Application

Dear Municipal Solid Waste Permits Section,
Enclosed, please find Revised Part III of the application and the application form. The attached table of the WPD MWS Deficiency Table – Technical NOD #3 has our comments in red.

If you have any questions or require additional information, please give me a call.

Sincerely,

Amy Peoples
Enviro-Ag Engineering, Inc.

Enclosures

Cc: Am Tex Liquid Waste Processing, LLC
EAE file

| NOD ID | MRI ID | App. Part | Citation | Location | 3rd NOD Type | NOD Description |
|--------|--------|-----------|-----------------|----------|--------------|--|
| NT1 | 66 | Part I | 330.59(a)(1) | Part I | Incomplete | <p>In the Part 1 application form, on page 1 the submission type should be “Notice of Deficiency (NOD) Response” instead of “Initial Submission”.</p> <p>Pages 12 (Applicant Signature Page) and 13 (Property Owner Affidavit) are not signed, dated, and notarized. - Changed date 8/5/2025</p> |
| T1 | 275 | Part III | 330.63(b)(2)(D) | Part III | Inconsistent | <p>Sections 3.2 and 3.3 indicate that the wastewater flows from the dewatering box to 6” wide floor trough to the sewer line, while Figure 3.15.1 and construction drawings show 12” WIDE CONCRETE TRENCH DRAIN TO SEWER in addition to 6” MOUNTABLE CURB TO CONTAIN LIQUID. Clarify the inconsistencies and as necessary, revise all applicable portions throughout the application. - Revised Sections 3.2 & 3.3 to 12” wide floor trough.</p> <p>Sections 3.6, 3.10 and 3.11 indicate wastewater effluent from the dewatering process will be discharged into the sewer line on the east of the property, while Section 3.5, Figure 3.15.1 and construction drawings indicate the sewer line on the west side of the building. Clarify the inconsistencies and as necessary, revise all applicable portions throughout the application. - Changed east to west in Section 3.6, 3.10 and 3.11.</p> <p>Provide the full name of TDH. - added to Section 3.4 - Total Dynamic Head</p> <p>Correct the inconsistency on the capacity of each 30-cubic yard dewatering box in Section 3.11 (shown as about 5,650 gallons) and 3.15 (shown as 6,060 gallons). Suggest using “cubic yard” instead of yard for dewatering boxes and rolloff containers. - Changed Section 3.11 to match Section 3.15 of 6,060 gallons and updated yard to cubic yard</p> |
| T2 | 284 | Part III | 330.63(b)(3)(C) | Part 3.5 | Ambiguous | <p>Provide a detailed description of portable power washing equipment, and water or steam connections for cleaning.</p> |

| | | | | | | |
|-----|-----|----------|-----------|-----------|--------|--|
| | | | | | | - The power washing equipment is not portable and will be plumbed directly into the building water source and natural gas line. There are no steam connections. Added details of equipment in Equipment Specifications of Part III. |
| NT2 | 737 | Part III | 330.63(j) | Part 3.15 | Format | Delete "Figure 3.15.1" from the header of the cover page of Section 3.15. Suggesting deleting the cover page of Section 3.15. Revise the page numbers of Section 3.15 to be consistent with those in Part III. - Removed cover page and added the closure plan to Part 3 as part of document instead of the closure plan being a stand-alone plan. |



Texas Commission on Environmental Quality

Part I Application Form for New Permit, Permit Amendment, or Registration for a Municipal Solid Waste Facility

Instructions for completing this Part I Application Form are provided in [TCEQ 00650-instr¹](#). Include a [Core Data Form \(TCEQ 10400\)²](#) with the application for the facility owner, and Core Data Forms for the operator and property owner if different from the facility owner. If you have questions, contact the Municipal Solid Waste (MSW) Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335. Rules cited on this form are in Title 30 Texas Administrative Code (30 TAC) and may be viewed online at www.tceq.texas.gov/goto/view-30tac.

Application Tracking Information

Facility Regulated Entity Name³:

AmTex Liquid Waste Processing

Site Operator (Permittee or Registrant Name)⁴:

AmTex Liquid Waste Processing, LLC

MSW Authorization Number: _____

Initial Submission Date: 2/3/2025

Revision Date: 8/5/2025

Application Data

1. Submission Type

☐ Initial Submission

☒ Notice of Deficiency (NOD) Response

2. Authorization Type

☒ Permit

☐ Registration

3. Application Type

☒ New Permit

☐ Permit Major Amendment

☐ Permit Limited Scope Major Amendment

☐ New Registration

¹ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

² www.tceq.texas.gov/goto/coredata

³ Facility Regulated Entity Name must match the Regulated Entity Name indicated on the TCEQ Core Data Form.

⁴ Site Operator is defined in 30 TAC 330.3(148) as the holder of, or the applicant for, an authorization (or license) for a municipal solid waste facility.

4. Application Fee

Amount

- ☐ \$2,050—New Landfill Permits, and Landfill Permit Major Amendments Described in 30 TAC [305.62\(j\)\(1\)](#)
- ☒ \$150—Other Permits, Permit Amendments, Limited Scope Major Amendments, and all Registrations

Payment Method

- ☐ Online through ePay portal www3.tceq.texas.gov/epay/
Enter ePay Trace Number: _____
- ☒ Check (send to TCEQ Financial Administration Division)
Payor Name: Enviro-Ag Engineering, Inc. Check Number: _____

5. Electronic Versions of Application

TCEQ will publish electronic versions of the application online. Applicants must provide a clean copy of the administratively complete application and technically complete application. TCEQ will also publish electronic versions of NOD responses online.

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

- ☐ Applicant ☐ Agent in Service ☒ Consultant

Contact Name: Amy Peoples - Enviro-Ag Engineering, Inc

Title: Consultant

Email Address [REDACTED]

7. Alternative Language Notice

Use the Alternative Language Checklist on Public Notice Verification Form TCEQ-20244-Waste-NORI, TCEQ-20244-Waste-NAPD, or TCEQ-20244-Waste-NAORPM available at www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html to determine if an alternative language notice is required.

Is an alternative language notice required for this application?

- ☒ Yes ☐ No

Indicate the alternative language: Spanish

8. Public Place for Copy of Application

Name of the Public Place: Amarillo Public Library-East Branch Library
Physical Address: 2232 SE 27th Ave
City: Amarillo County: Potter State: TX Zip Code: 79103
Phone Number: 806-342-1589

9. Consolidated Permit Processing

Is this submittal part of a consolidated permit processing request, in accordance with 30 TAC Chapter 33?

☐ Yes ☒ No

If "Yes", indicate the other TCEQ program authorizations requested:

10. Confidential Documents

Does the application contain confidential documents?

☐ Yes ☒ No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

11. Permits and Construction Approvals

Mark the following table to indicate status of other permits or approvals.

Table 1. Permits and Construction Approvals.

| Permit or Approval | Received | Pending | Not Applicable |
|---|----------|---------|----------------|
| Hazardous Waste Management Program under Texas Solid Waste Disposal Act | | | x |
| Underground Injection Control Program under Texas Injection Well Act | | | x |
| National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26 | | | x |
| Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA | | | x |
| National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA | | | x |
| Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act | | | x |
| Dredge or Fill Permits under Clean Water Act | | | x |
| Licenses under the Texas Radiation Control Act | | | x |
| Other (describe): | | | |
| Other (describe): | | | |

12. General Information About the Facility

Facility Regulated Entity Name:

AmTex Liquid Waste Processing

Contact Name: Jeff Jones

Title: Owner/Operator

MSW Authorization Number (if existing): 2424

Regulated Entity Reference Number: **RN** 112134879

Physical or Street Address (if available): 913 SE 28th Ave

City: Amarillo

County: Potter

State: TX Zip Code: 79103

Phone Number: 806-223-7159

Latitude (decimal degrees, six decimal places): 35.184544

Longitude (decimal degrees, six decimal places): -101.830083

Elevation (above mean sea level): 3,700 feet (benchmark elevation for landfills)

Description of facility location with respect to known or easily identifiable landmarks:

The facility is an 8000 sqft building located on two lots just north of Llano Cemetery and south of the Amarillo City Street Department off SE 28th Ave in Amarillo. - Lots 1,2,3,4,5 and 6, Block 8 and Lot 1, Block 9, Glenwood Addition, an Addition to the City of Amarillo, Potter County, Texas

Access routes from the nearest United States or state highway to the facility:

The facility is located 0.5 miles east of Interstate 27. From I-27 take SE 26th Ave exit, turn right on SE 26th Ave and continue onto SE 27th Ave for 0.4 miles and then turn right into the facility.

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

☐ Yes ☒ No

13. Facility Types

Facility types are described in 30 TAC [330.5\(a\)](#).

Indicate facility type (select all that apply):

☐ Type I ☐ Type IV ☒ Type V

☐ Type IAE ☐ Type IVAE ☐ Type VI

14. Activities Conducted at the Facility

☒ Storage ☒ Processing ☒ Disposal

15. Facility Waste Management Units

Check the box for each type of waste management unit proposed.

- | | |
|---|---|
| <input type="checkbox"/> Landfill Unit(s) | <input checked="" type="checkbox"/> Container(s) |
| <input type="checkbox"/> Incinerator(s) | <input checked="" type="checkbox"/> Roll-off Boxes |
| <input type="checkbox"/> Class 1 Landfill Unit(s) | <input type="checkbox"/> Surface Impoundment |
| <input type="checkbox"/> Process Tank(s) | <input type="checkbox"/> Autoclave(s) |
| <input checked="" type="checkbox"/> Storage Tank(s) | <input type="checkbox"/> Refrigeration Unit(s) |
| <input type="checkbox"/> Tipping Floor | <input type="checkbox"/> Mobile Processing Unit(s) |
| <input type="checkbox"/> Storage Area | <input type="checkbox"/> Compost Pile(s) or Vessel(s) |
| <input type="checkbox"/> Other (specify): | |

16. Description of Proposed Facility or Changes to Existing Facility

Provide a brief description of the proposed activities if application is for a new facility, or the proposed changes to an existing facility or permit conditions if the application is for an amendment.

This is a grease/grit trap and septic processing facility. The facility is an enclosed 8000 sq ft building with roll-up doors. Contract trucks full of grease, grit and human waste from septic tanks will be offloaded into a pit inside the building containing two 15-yard roll-off containers. From here, the waste will be vacuumed into one of two 400-barrel frac tanks for storage. The waste will then flow into one of two 30-yard dewatering boxes. A polymer will be added that works to separate the liquid from the solids. The liquids will drain off by gravity flow into the City of Amarillo sewage treatment plant via underground lines. The solids will be stored for a short period of time (no more than 24 hours) until the filter box container is full of the separated solids and then it will be transported by a contract hauler to the Southwest Landfill in Canyon, TX. The facility plans on processing approximately 2 filter box containers of solid waste daily to be hauled to the landfill. This is estimated at 22,000-25,000 gallons/day.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: AmTex Liquid Waste Processing
Customer Reference Number: **CN** 606349876
Contact Name: Jeff Jones Title: Owner/Operator
Mailing Address: 246 FM 2575
City: Amarillo County: Potter State: TX Zip Code: 79108
Phone Number: 806-223-7159
Email Address: [REDACTED]

Operator (if different from Site Operator)

Name: _____
Customer Reference Number: **CN** _____
Contact Name: _____ Title: _____
Mailing Address: _____
City: _____ County: _____ State: _____ Zip Code: _____
Phone Number: _____
Email Address: _____

Consultant (if applicable)

Firm Name: Enviro-Ag Engineering, Inc.
Consultant Name: Erick Emerine
Texas Board of Professional Engineers Firm Registration Number: 2507
Contact Name: Amy Peoples Title: Consultant
Mailing Address: 3404 Airway Blvd.
City: Amarillo County: Randall State: TX Zip Code: 79118
Phone Number: 806-353-6123
Email Address: [REDACTED]

Agent in Service (required for out-of-state applicants)

Name: _____
Mailing Address: _____
City: _____ County: _____ State: TX Zip Code: _____
Phone Number: _____
Email Address: _____

18. Facility Supervisor License

Indicate the level of Municipal Solid Waste Facility Supervisor license, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, Subchapter F that the individual who supervises or manages the operations will obtain prior to commencing operations.

☐ Class A Supervisor License ☒ Class B Supervisor License

19. Facility Ownership

Facility Owner

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

☒ Yes ☐ No

If "No", provide the following information for the other owner, and include a Core Data Form for the other owner. Attach supplemental sheet if more than one other owner.

Other Owner Name: _____

What is Owned: ☒ Facility Units ☒ Property

☐ Other (describe): _____

Mailing Address: 246 FM 2575

City: Amarillo County: Carson State: TX Zip Code: 79108

Phone Number: 806-223-7159

Email Address: [REDACTED]

20. Other Government Entities Information

Texas Department of Transportation

District: AMA

District Engineer's Name: Clint Harms

Mailing Address: 5715 Canyon Drive

City: Amarillo County: Potter State: TX Zip Code: 79110

Phone Number: 806-356-3200

Email Address: [REDACTED]

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: TxDot - Amarillo District

Contact Person's Name: Kevin Allison

Mailing Address: 7700 E. Loop 335 N.

City: Amarillo County: Potter State: TX Zip Code: 79108

Phone Number: 806-383-1661

Email Address: [REDACTED]

City Mayor Information

City Mayor's Name: Cole Stanley
Mailing Address: 601 South Buchanan St
City: Amarillo County: Potter State: TX Zip Code: 79101
Phone Number: 806-584-6175
Email Address: [REDACTED]

City Health Authority

Authority Name: Amarillo Public Health Department
Contact Person's Name: Dr. Todd Bell
Contact Person's Title: Health Authority for Randall & Potter Co
Mailing Address: 850 Martin Rd
City: Amarillo County: Potter State: TX Zip Code: 79107
Phone Number: 806-378-6320
Email Address: [REDACTED]

County Judge Information

County Judge's Name: Nancy Tanner
Mailing Address: 500 South Fillmore, Suite 103
City: Amarillo County: Potter State: TX Zip Code: 79101
Phone Number: 806-379-2250
Email Address: [REDACTED]

County Health Authority

Agency Name: Amarillo Public Health Department
Contact Person's Name: Dr. Todd Bell
Contact Person's Title: Health Authority for Randall & Potter Co
Mailing Address: 850 Martin Rd
City: Amarillo County: Potter State: TX Zip Code: 79107
Phone Number: 806-378-6320
Email Address: [REDACTED]

State Representative Information

House District Number: 13
State Representative's Name: Ronny Jackson
District Office Mailing Address: 620 South Taylor St., Suite 200
City: Amarillo County: Potter State: TX Zip Code: 79101
Phone Number: 202-225-3706
Email Address: [REDACTED]

State Senator Information

District Number: 31
State Senator's Name: Kevin Sparks
District Office Mailing Address: 620 S Taylor St, Suite 203
City: Amarillo County: Potter State: TX Zip Code: 79101
Phone Number: 806-374-8994
Email Address: [REDACTED]

Council of Governments (COG)

COG Name: Panhandle Regional Planning Commission
COG Representative's Name: Mike Peters
COG Representative's Title: Executive Director
Mailing Address: PO Box 9257
City: Amarillo County: Potter State: TX Zip Code: 79105
Phone Number: 806-372-3381
Email Address: [REDACTED]

River Basin Authority

Authority Name: Red River Authority of Texas
Contact Person's Name: Fabian A. Heaney, General Manager
Watershed Sub-Basin Name: Canadian & Red River Basins
Mailing Address: 3000 Hammon Rd
City: Wichita Falls County: Potter State: TX Zip Code: 76310
Phone Number: 940-723-8697
Email Address: [REDACTED]

Local Drainage or Flood Management Authority

Authority Name: City of Amarillo - Drainage Utility
Contact Person's Name: Floyd Hartman - City Manager
Mailing Address: 601 S. Buchanan St
City: Amarillo County: Potter State: TX Zip Code: 79101
Phone Number: 806-378-6911
Email Address: [REDACTED]

U.S. Army Corps of Engineers District

Indicate the U.S. Army Corps of Engineers district in which the facility is located:

- | | |
|--|---|
| <input type="checkbox"/> Albuquerque, NM | <input type="checkbox"/> Galveston, TX |
| <input type="checkbox"/> Fort Worth, TX | <input checked="" type="checkbox"/> Tulsa, OK |

Local Government Jurisdiction

Within City Limits of: City of Amarillo

Within Extraterritorial Jurisdiction of: _____

Is the facility located in an area in which the governing body of the municipality or county has prohibited the storage, processing, or disposal of municipal or industrial solid waste?

☐ Yes ☒ No

If "Yes", provide a copy of the ordinance as an attachment.

Applicant Signature Page

Site Operator (Permittee or Registrant Name) or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Jeff Jones Title: Owner/Operator
Email Address: [REDACTED]
Signature: [Signature] Date: 8-6-25

Authorization by Facility Owner for Operator to Submit Application

To be completed by the facility owner if the application is submitted by an operator who is not the facility owner.

I am the owner of the facility that is the subject of this application, and authorize the operator, _____ to submit this application pursuant to 30 TAC [305.43\(c\)](#).

Name: _____ Title: _____
Email Address: _____
Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Jeffery Jones

On this 6th day of August, 2025

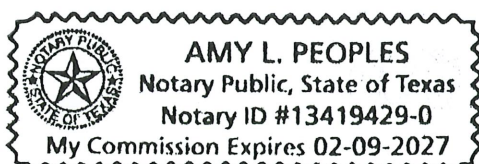
My commission expires on the 9th day of February, 2027

Amy Peoples

Notary Public in and for

Randall County, Texas (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Amy L Peoples

Property Owner Affidavit

Property Owner Affidavit for Landfill Facility

I acknowledge in accordance with 30 TAC [330.59\(d\)\(2\)](#) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure care of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advising that the land will be used for a solid waste facility prior to the time that the facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units according to 30 TAC [330.19](#) (relating to Deed Recordation). I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: _____

Email Address: _____

Signature: _____ Date: _____

Property Owner Affidavit for Processing Facility

I acknowledge in accordance with 30 TAC [330.59\(d\)\(2\)](#) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: Jeff Jones

Email Address: _____

Signature: _____ Date: 8-6-25

Notary

SUBSCRIBED AND SWORN to before me by the said Jeffery Jones

On this 6th day of August, 2025

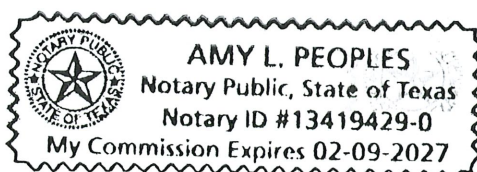
My commission expires on the 9th day of February, 2027

Amy Peoples

Notary Public in and for

Randall County, Texas (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Amy L. Peoples

Part I Attachments

Refer to instruction document [TCEQ 00650-instr⁵](#) for professional engineer seal requirements.

Attachments Table 1. Required attachments.

| Required Attachments | Attachment Number |
|---|-------------------|
| Supplementary Technical Report [30 TAC 305.45(a)(8)] | 2.1 |
| Property Legal Description [30 TAC 330.59(d)(1)] | 2.1 |
| Property Metes and Bounds Description [30 TAC 330.59(d)(1)] | 2.1.1 |
| Facility Legal Description [30 TAC 330.59(d)(1)] | 2.1 |
| Facility Metes and Bounds Description [30 TAC 330.59(d)(1)] | 2.1.1 |
| Metes and Bounds Drawings [30 TAC 330.59(d)(1)] | 2.1.1 |
| On-Site Easements Drawing [30 TAC 330.61(c)(10)] | N/A |
| Land Ownership Map [30 TAC 330.59(c)(3)] | 1.2a-b |
| Landowners List [30 TAC 330.59(c)(3)] | 1.2a-b |
| Mailing Labels (in electronic file, in Avery 5160 format; see instructions) [30 TAC 281.5(7)] | 1.2a-b |
| General Location Maps [30 TAC 330.59(c)(2)] | 1.7 |
| Texas Department of Transportation (TxDOT) County Map [30 TAC 330.59(c)(2)] | 2.5.2 |
| General Topographic Maps [30 TAC 330.61(e)] | 2.1.4 |
| Verification of Legal Status / Legal Authority (certificate of incorporation) [30 TAC 281.5 and 330.59(e)] | 1.3 |
| Evidence of Competency [30 TAC 330.59(f)] | 1.3 |
| Signatory Authority Documentation [30 TAC 305.44 and 330.59(g)] | 1.3 |
| TCEQ Core Data Form(s) TCEQ-10400⁶ [30 TAC 281.5(7)] | 1.4 |

⁵ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

⁶ www.tceq.texas.gov/permitting/central_registry/guidance.html

Attachments Table 2. Additional attachments as applicable.

| Additional Attachments (select all that apply and add others as needed) | Attachment Number |
|--|------------------------------|
| <input checked="" type="checkbox"/> Plain Language Summary Form TCEQ-20947 ⁷ [30 TAC 39.405(k)] | 1.5 |
| <input checked="" type="checkbox"/> Public Involvement Plan Form TCEQ-20960 ⁸ | 1.6 |
| <input checked="" type="checkbox"/> Fee Payment Receipt | |
| <input type="checkbox"/> Confidential Documents | N/A |
| <input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances [Texas Health and Safety Code, Section 363.112 ⁹] | N/A |
| <input checked="" type="checkbox"/> Final Plat Record of Property Description [30 TAC 330.59(d)(1)(B)] | 1.9 |
| Other (describe): Facility Layout TX Dot Coordination letter | 2.1.3, 2.5.3 |
| Other (describe): City of Amarillo Correspondence Polymer MSDS | 2.4.2, 2.1.5 |
| Other (describe): | |

⁷ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/20947-instr.pdf⁸ www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/pip-form-tceq-20960.pdf
www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/instructions-for-pip-form-tceq-20960.pdf⁹ statutes.capitol.texas.gov/Docs/HS/htm/HS.363.htm#363.112

APPLICATION TO THE TCEQ FOR NEW PERMIT FOR A MUNICIPAL SOLID WASTE FACILITY

Part III – Site Development Plan - MSW Permit No. 2424

Am Tex Liquid Waste Processing LLC

913 SE 28th Ave

Amarillo, TX 79103

Prepared For:

Jeff Jones

2465 FM 2575

Amarillo, TX 79108

1-806-223-7159

January 23, 2025

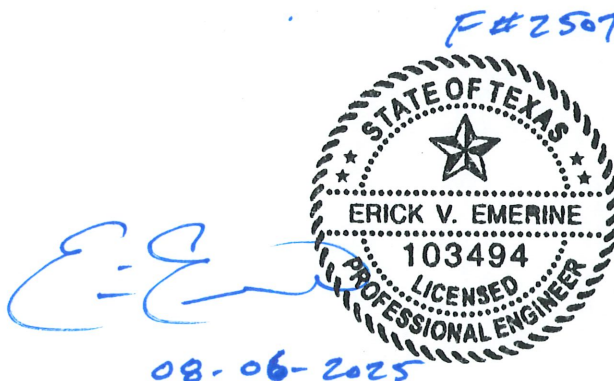
Revision Date: February 20, 2025, April 28, 2025, June 25, 2025, August 5, 2025

Prepared By:



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List of Supporting Documents

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3.0 Site Plan

This is a grease/grit trap and septic processing facility. The facility is an enclosed 8000 sq ft building with roll-up doors. Contract trucks full of grease, grit and human waste from septic tanks will be offloaded into a pit inside the building containing two 15-cubic yard roll-off containers. From here, the waste will be vacuumed into one of two 400-barrel frac tanks for storage. The waste will then flow into one of two 30-cubic yard dewatering boxes. A polymer will be added that works to separate the liquid from the solids. The liquids will drain off by gravity flow into the City of Amarillo sewage treatment plant via underground lines. The solids will be stored for a short period of time (no more than 24 hours) until the filter box container is full of the separated solids and then it will be transported by a contract hauler to the Southwest Landfill in Canyon, TX. The areas surrounding the facility are concrete. The facility will be designed to comply with the requirements of 30 TAC 330.303(a)-(b). A proposed facility layout is included in the Supporting Documents of Part 2-Figure 2.1.3.

3.1 Facility Access

The facility will be in operation Monday-Friday, 8am-5pm. Access to the facility will be limited to employees and authorized visitors. Unauthorized visitors will be allowed when employees are present. A 4' x 4' sign with 3" letters will be placed at the entrance of the facility displaying the Site Name, Permittee Name, Type of Site, Hours of Operation, and Emergency Contact Information.

3.2 Waste Movement

Liquid waste (grease, grit and human waste from septic tanks) is delivered to the facility by truck. The load/material will be inspected to make sure no prohibited or unauthorized waste is delivered to the facility. The liquid waste will be offloaded from the truck into a 15-cubic yard container and then transferred by a sump pump in a 16,800-gallon frac tank. From the frac tank, the wastewater is pumped through a special mixing pump into a 30-cubic yard dewatering box. A polymer is added as the liquid moves to the dewatering box. The solids flocculate and separate from the liquids. The liquids will drain through an opening in the wall of the box and into a 12" wide trough to the City of Amarillo sewer at the dewatering slab. The liquid will immediately drain to the City of Amarillo sewer via underground pipes. Solids are retained in the dewatering box while draining for no more than 24 hours. The dewatering process is complete after the solids drain for several hours.

The dewatering boxes (rolloff units) will entirely leave the facility and will be emptied at the Southwest Landfill in Canyon, TX after drying has been achieved. The boxes will be pulled out of the building with semi-truck thru the overhead door shown on the drawings. All free liquid is removed during the dewatering process. The material can comply with the landfill waste acceptance criteria. The dewatering process can produce solid

material that will pass the Paint Filter Liquid Test (EPA Method 9095B) for landfill acceptance.

A process flow chart (Figure 3.2.1) for the proposed facility is in the supporting documents.

3.3 Process Wastes

The products of this process include treated water and dewatered solids.

- Water: The wastewater gravity flows from the dewatering box to 12" wide floor trough to the sewer line to meet the requirements of the City of Amarillo
- Solids: Dewatered solids in the dewatering boxes will be removed by a roll-off truck. It will be delivered to the Southwest Landfill in Canyon, TX.

3.4 Odor Control and Ventilation

The facility is completely enclosed to prevent nuisance odors from leaving the property by minimizing the contact between unprocessed waste and air. All liquid and solid waste will be stored in odor retaining containers and vessels. The storage tanks are enclosed. Liquid from the storage tanks will be pumped to the dewatering box. All pumps will be capable of 200 gpm at 60' TDH (Total Dynamic Head). The number of pumps for the project will be three. Typically, solids will not remain in the boxes long enough to create an odor problem. Tarps will be used to cover the boxes as needed to limit the odors.

The enclosed facility has a large exhaust fan on the south end that would expel the odorous air higher into the atmosphere for odor abatement. The empty containers will be washed down with hot water and degreaser.

The facility will not be in operation on the weekends.

3.5 Sanitation

The equipment will be regularly inspected and cleaned to minimize solid loading. All working surfaces that are in contact with waste material will be washed at least 2-3 times per week. All solids removed from the storage tanks will be processed through the dewatering box and all wash water for cleaning will be processed with the waste material or pumped to the wastewater treatment plant. Washing will consist of power wash equipment (See Equipment Specifications). Wash water will be conveyed to the trench drain inside the building. The outside slope of the building is sloped away to prevent run-on of stormwater into the building. The trench drain will act as the primary means to remove wash water. Additionally, a sump pit associated with the ramp unloading/staging area will act as a secondary means. The building will have a curb inside the entire building walls to ensure full containment of wash water waste as it makes its way to the trench drain which ultimately drains to the city sewer system.

located outside the west side of the building. The curb inside the building will provide full containment of the operation/process.

3.6 Water Pollution Control

Water pollution from the dewatering process is minimized. The building has 18 ft walls with all the equipment being covered completely. Wastewater effluent from the dewatering process will be discharged into the sewer line on the west of the property in accordance with the City of Amarillo Wastewater Department requirements. Based on the design, the waste management unit can sufficiently control and contain a worst-case scenario spill or release from the unit. The spill or release will be contained inside the building. There will be no contaminated groundwater.

3.7 Drinking Water Protection

All areas of the facility are enclosed and are concrete surfaces. It is designed to contain liquids in the event of a spill.

3.8 Endangered Species

See Part 2.9 of this application. The proposed facility is in a building. There are no critical habitats within the project area.

3.9 Runoff Management, Site Drainage and Drainage Structures

The facility is in an enclosed 8,000 square foot building with 18' walls. If a release of waste were to occur, it would be contained inside the building. The roll-offs will have screens to filter out the trash and debris and no trucks will be allowed to uncap their discharge ports outside of the off-load area. The surrounding area is sloped to drain away from the building.

3.10 Discharge of Wastes

If a spill were to occur, it would be contained inside the building. A portable vacuum trailer will be kept inside to clean up the spill and return the waste to the roll-off containers.

Wastewater effluent from the dewatering process is discharged into the sewer line at the west of the property boundary in accordance with the City of Amarillo Wastewater Department requirements.

3.11 Storage Requirements

The proposed facility is designed with two 15-cubic yard roll-offs with tarps where the trucks will be offloaded. From there the liquid is pumped into two 16,800-gallon enclosed frac tanks. From the enclosed frac tanks, the wastewater is pumped to two 30-cubic yard dewatering boxes with tarps which have the capacity of about 6,060 gallons each, providing adequate design capacity to process waste without delays. Dewatered material is stored in the dewatering box and is hauled to the landfill within 24 hours. The maximum allowable time to store unprocessed waste is 24 hours. Wastewater effluent from the dewatering process will be discharged into the sewer line on the west of the property in accordance with the City of Amarillo Wastewater Department requirements.

All solids sent to the landfill will pass the Paint Filter Liquids Test (EPA Method 9095B). Any testing required by the landfill for classification of waste will be followed and records of all analyses will be retained on-site for a minimum of three years.

3.12 Noise Pollution and Screening

The sources of noise will include trucks entering and leaving the property as well as small engines that operate the pumps or other equipment. Truck traffic will be minor. Proper operation and maintenance of pumps and machinery with help to minimize noise pollution. The facility is completely enclosed. The hours of operation are Monday-Friday 8am-5pm.

3.13 Employee Sanitation Facilities

A restroom facility is provided for the use of employees and visitors in the designated office area.

3.14 Operating Life of the Facility

There is no limit to the operating life of this facility since site capacity is not consumed during operations like at a landfill.

3.15 Facility Closure Plan

Pumped Domestic Septic Tank Waste, Grease and Grit Processing Facility

Future Closure Plan and Cost Estimate

AmTex Liquid Waste Processing LLC –913 SE 28th Ave, Amarillo, TX

Introduction

This closure plan and cost estimate has been provided for the future closure of a pumped domestic septic tank waste, grease and grit processing facility for AmTex Liquid Waste Processing LLC in Amarillo, Texas. This facility consists of an enclosed 8,000 sq-ft building with roll-up doors where contract trucks full of grease, grit and septic waste from households are offloaded into a pit inside the building containing a leak-proof roll off. The waste is pumped into a 30 cubic yard dewatering unit. The dewatering unit is configured with an arrangement of screens that allows effluent water to escape into the designated collection space, then drain through drain ports for disposal. Through the use of filter media and added polymers for treating the effluent, the water in the liquid waste is clarified and drained. The liquids drain through the drainage ports into the City of Amarillo sewage treatment plant via underground lines. The resulting solids are stored until the filter box container is full of the separated solids and then it is transported to the Southwest Landfill in Canyon, TX. The solid waste consists of lipids, grit and septic waste. The lipids are fatty acids, triacylglycerols and fat-soluble hydrocarbons and originate from scraps of baked and fried food items removed from grease traps. The grit includes sand, gravel, cinder, as well as eggshells, bone chips, seeds, coffee grinds and large organic materials (food waste). Septic waste is the liquid and water-borne waste derived from ordinary living processes. Additionally, the resulting polymer in the solid waste is a processing aid for industrial applications and used in the dewatering process. The addition of the polymer causes sludge mixture to flocculate, separating the liquids from the solids, therefore speeding up the dewatering process. This future closure plan and cost estimate was developed based on the provisions contained in Texas Administrative Code, Chapter 330, Subchapters K and L. For reference, the attached Vicinity and Location Map shows the location of the facility for AmTex Liquid Waste Processing LLC. Generally, the facility exists as an enclosed 8,000 sq-ft metal building housing two 400-barrel (16,800-gal) effluent holding frac tanks, two 30-cubic yard (6,060-gal each) dewatering boxes, two 15-cubic yard (3,030-gal each) rolloff bins, piping, pumps, valves, oil/water separator, polymer injection system, ramps, sand hopper, trough drain, curbs, etc.

The goal of this future closure plan and cost estimate is to ensure the proper decommissioning of the pumped domestic septic tank waste, grease and grit processing facility and ensure the State required financial security to be filed by AmTex Liquid Waste Processing LLC in an amount that is equal to or greater than the maximum amount necessary to close the facility at any time during the life of the permit term in accordance with all applicable State laws.

General Information

- 1) Facility Name & Address: AmTex Liquid Waste Processing LLC
913 SE 28th Ave
Amarillo, TX 79103

- 2) Authorized Contact: Jeff Jones, Ph: (806) 223-7159
2465 FM 2575
Amarillo, TX 79108

Closure Plan and Cost Estimate Guidelines

This closure plan provides for the future closure of a pumped domestic septic tank waste, grease and grit processing facility for AmTex Liquid Waste Processing LLC in Amarillo, Texas. Closure will conform to following provisions also contained in Texas Administrative Code, Chapter 330, Subchapters K and L.

- 1) The operator will begin closure no later than 30 days after final receipt of waste or no later than one year if the unit has remaining capacity and additional waste may be received.
- 2) Closure activities to be completed within 180 days of initiation.
- 3) Suitable barriers shall be installed at all access points to adequately prevent the unauthorized dumping of solid waste at the closed facility.
- 4) Atleast one closure sign will be posted at every point of access and notify all persons who utilize the facility of the date of closure and the prohibition against further receipt of waste materials.
- 5) Submit a closure plan for Storage and Processing units to remove all waste, waste residues, and any recovered materials. Units shall be dismantled and removed off-site or decontaminated.
- 6) Provide plans for the evacuation of all material on-site to an authorized facility and the disinfecting of all contaminated water handling units, tipping areas, processing and post-processing areas (as applicable).

- 7) If there is evidence of a release, the TCEQ Executive Director may require an investigation, assessment, and or corrective action.
- 8) Acknowledge that following receipt of closure documents and the inspection report by the TCEQ region, the Executive Director may acknowledge termination of operation & closure & deem the facility properly closed.
- 9) A notice of closure shall be published in the newspaper of largest circulation 90 days prior to the initiation of a final facility closure. The notice shall provide the name, address, and physical location of the facility; the TCEQ authorization number; and the last date of intended receipt of waste.
- 10) The notice of closure shall be provided to the TCEQ Executive Director 90 days prior to the initiation of a final facility closure and that the owner or operator will also make available an adequate number of copies of the approved final closure and post-closure plans (if applicable) for public access and review.
- 11) An Affidavit to the Public shall be submitted to the TCEQ Executive Director by registered mail, if waste will remain onsite and that the Owner or Operator will also record a certified notation on the deed to the facility property that the land has been used as a landfill and submit a certified copy of the modified deed to the TCEQ Executive Director.
- 12) Certification, signed by a P.E., shall be provided within 10 days of final closure activities, verifying that final facility closure has been completed in accordance with the approved closure plan and shall include all applicable documentation necessary for certification.
- 13) The owner or operator may request permission from the TCEQ Executive Director to remove the notation from the deed if all wastes are removed from the facility.
- 14) Submit cost estimates for closure & post-closure. Existing facilities must submit a copy of the financial assurance documentation. New facilities must submit financial assurance within 60 days prior to receipt of waste.
- 15) The closure cost estimate shall equal the costs of closure of the facility, including disposition of the maximum inventories of all waste.
- 16) The closure cost estimate shall be based on the costs of hiring a third party that is not affiliated with the owner or operator; and is based on a per cubic yard and/or short ton measure for collection and disposition costs.
- 17) Provide for the closure cost estimate & financial assurance to be increased if conditions change which increase the maximum cost of closure at any time during the active life of the facility.
- 18) A reduction in the closure cost estimate and the amount of financial assurance may be approved if the cost estimate exceeds the maximum cost of closure at any time during the remaining life of the facility.
- 19) Provide for the maintenance of financial assurance until closure is approved by the TCEQ Executive Director.
- 20) Maintain documentation that the facility is in compliance with the conditions of the permit.
- 21) Establish criteria for delineating between waste material that will be hauled to active permitted waste disposal facilities versus that which is to remain.
- 22) None of the operator's equipment or facilities that may have otherwise been available at the time of the closure (e.g. treatment facilities, trucks, bulldozers, employees, etc.) shall be available to assist in the closure.

- 23) The facility shall be closed in accordance with the permit. Disposal of wastes should assume that storage tanks/processing units contain maximum permitting holding amounts of waste material.
- 24) Provide a list of the unit costs for all material, equipment, services, and labor needed to close the facility. The list must be specific and must state the source or basis for the specific unit cost.
- 25) Show the total quantity of each unit cost item and how the total quantity was determined (i.e. cubic yards of material divided by size of load equals total number of loads, etc.)
- 26) Show all calculations used to arrive at total maximum closure costs.
- 27) Include supporting maps and illustrations, such as: before and after topographical maps, facility plot plans and photographs that illustrate the current condition of the facility, and/or anticipated condition of the facility upon reaching maximum permit conditions at closure. All structures associated with the facility (including but not limited to all buildings, storage tanks, processing units, pipelines, pits, etc.) that are currently on site or will be upon reaching maximum permitted capacity. For instance, the estimate should assume all permitted but undeveloped pit capacity, treatment cells, or any other structures and/or equipment that would be in place under permitted operations whether such structures and equipment are in place at the time of the estimate or not. All such structures and the proposed method of demolition, disposal, and/or removal must be clearly identified in the closure cost estimate.

Attachments

Future Closure Cost Estimate

Vicinity Map

Location Map

Processing Facility Layout

Letter of Credit from Permittee's Financial Institution

Closure Cost Estimate for Pumped Domestic Septic Tank Waste, Grease and Grit Processing Facility

AmTex Liquid Waste Processing LLC

913 SE 28th Ave, Amarillo, TX 79103

| | | QTY | Unit | Unit Price | Amount |
|---------------------|---|--------|------|--------------|-----------------|
| Closure Cost | | | | | |
| 1 | Remove all Liquid Domestic Wastewater from Tanks, Dispose of per State Regulations | 40,000 | Gal | \$1 | \$40,000 |
| 2 | Clean/Remove Solid Domestic Waste from Tanks/Bins, Dispose of per State Regulations | 65 | CY | \$105 | \$6,825 |
| 3 | Remove Grease Trap Waste from Tanks, Dispose of per State Regulations | 1,500 | Gal | \$1 | \$1,500 |
| 4 | Remove Grit/Sand from Hoppers and/or Storage Areas, Dispose of per State Regulations | 10 | CY | \$105 | \$1,050 |
| 5 | Remove all Portable or Disposable Storage Tanks and Containers from Site and Dispose of per State Regulations | 1 | LS | \$5,000 | \$5,000 |
| 6 | Sanitize Facility and Permanent Storage Tank Facilities | 1 | LS | \$5,000 | \$5,000 |
| | | | | Total | \$59,375 |

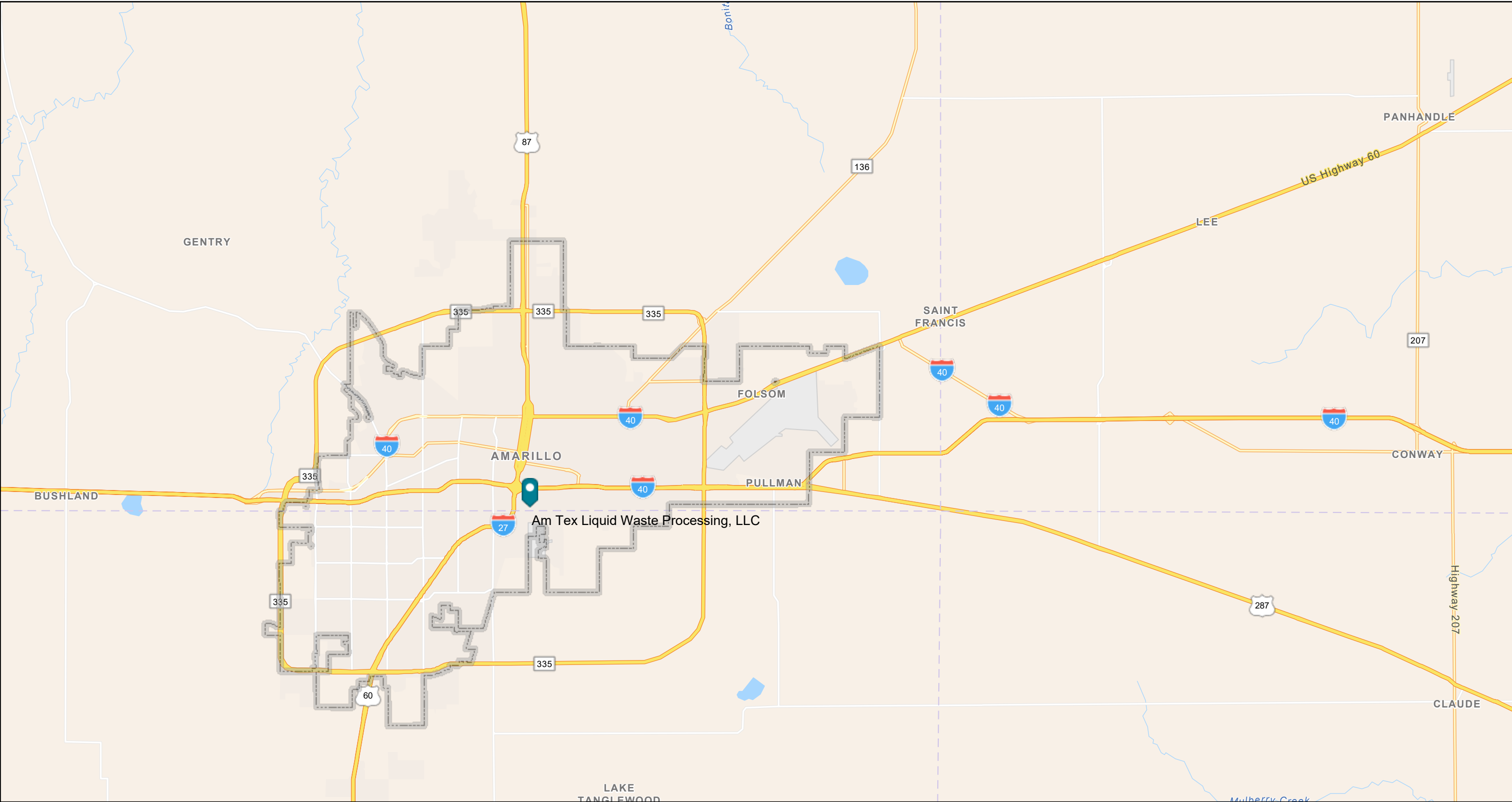
Notes:

1. Domestic waste (liquid & solid) and grease to be taken to City of Amarillo Wastewater Collection Facility (Ph: 806-378-6827) located at 800 SE 24th Ave, Amarillo TX, 79103.
2. Non-Domestic solid waste to be take to the Southwest Landfill Facility (Ph: 806-342-6245) located at 20700 Helium Road, Canyon TX, 79015.
3. Costs above includes transportation and disposal of all tanks and associated equipment.



Submitted By:
 Erick Emerine, PE
 Enviro-Ag Engineering, Inc.
 3404 Airway Blvd
 Amarillo, TX 79118
 Ph: 806-353-6123

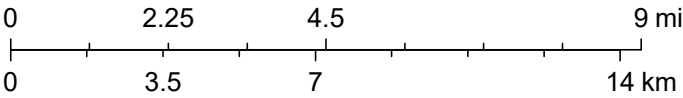
Vicinity Map




1/8/2025, 3:12:08 PM

 Amarillo City Limits


1:212,326



 sena, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS

Location Map

Legend

 AmTex Liquid Waste

AmTex Liquid Waste 

SE 27th Ave

SE 28th Ave

SE 29th Ave

Olive St

Spruce St

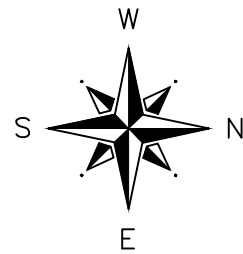
Garfield St

S Hayes St

Google Earth

400 ft



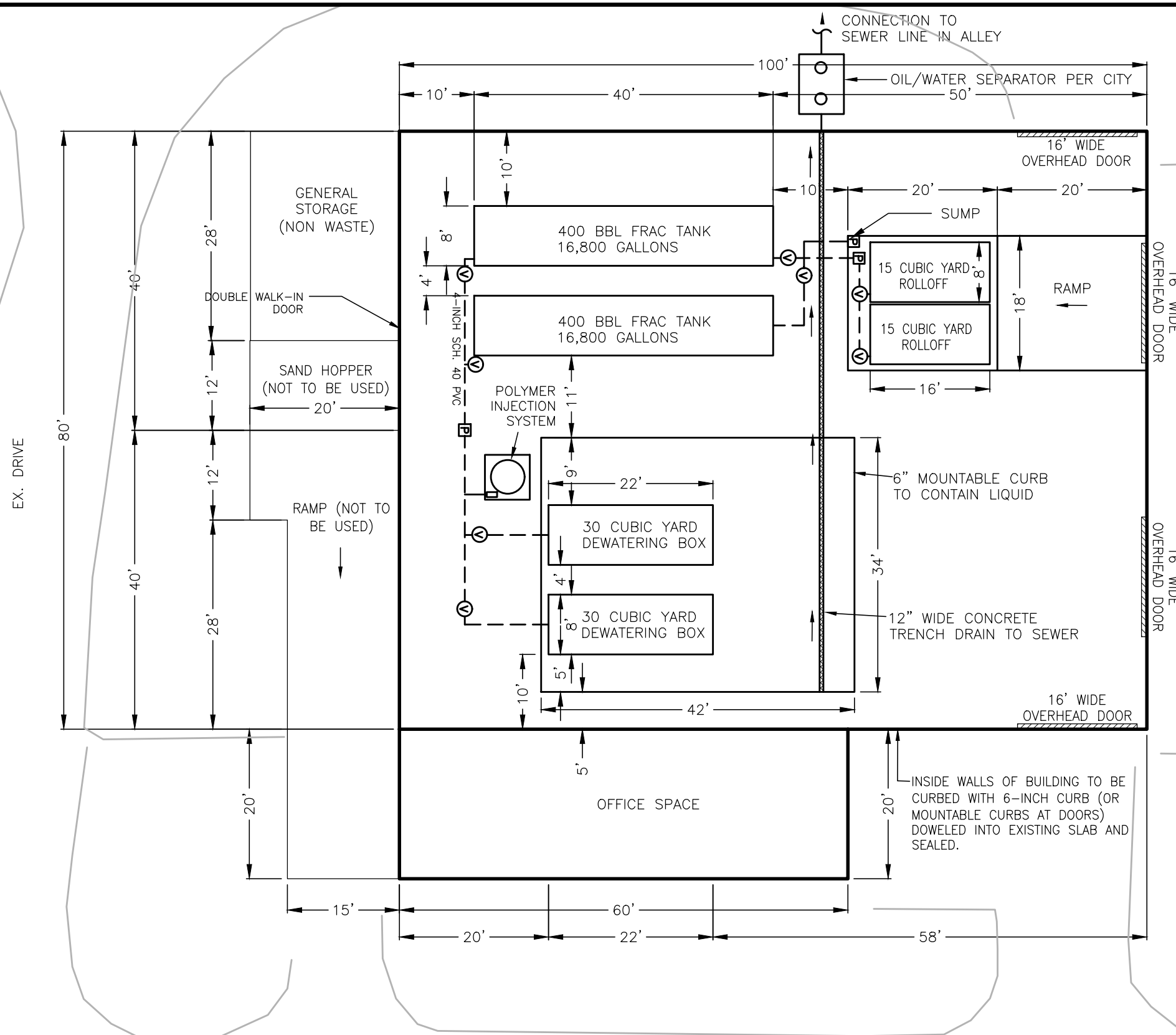


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SCALE: 1" = 16'




TX FIRM No. 2507



08-06-2025



LEGEND

-  PUMP
-  VALVE
-  4-INCH SCH. 40 PVC

AMTEX LIQUID WASTE PROCESSING LLC
AMARILLO
POTTER COUNTY, TEXAS

AM TEX LIQUID WASTE PROCESSING LAYOUT

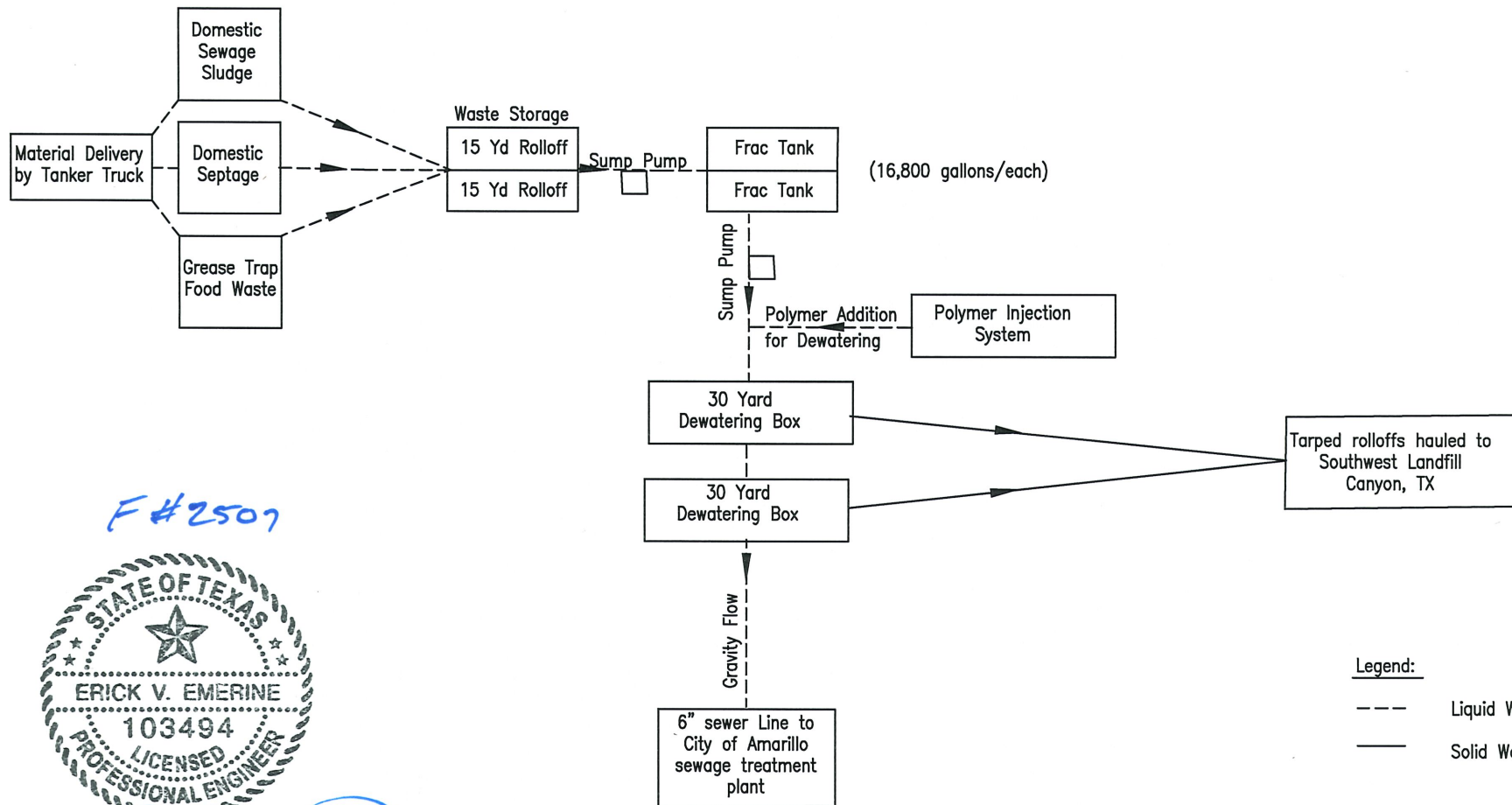
FIGURE 3.15.1



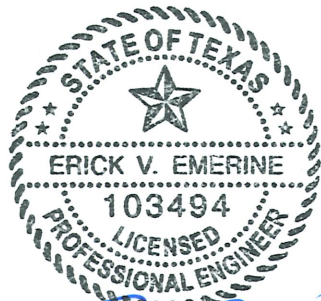
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ENGINEERING CONSULTANTS
3404 Airway Boulevard
AMARILLO, TEXAS 79118
TEL (806) 353-6123 FAX (806) 353-4132

Supporting Documents

3.2.1 Process Flow Chart



F#2507



E. Emerine
03-17-2025

Am Tex Liquid Waste LLC
Potter County
Amarillo, Texas

Process Flow Diagram
Figure 3.2.1
January 2025

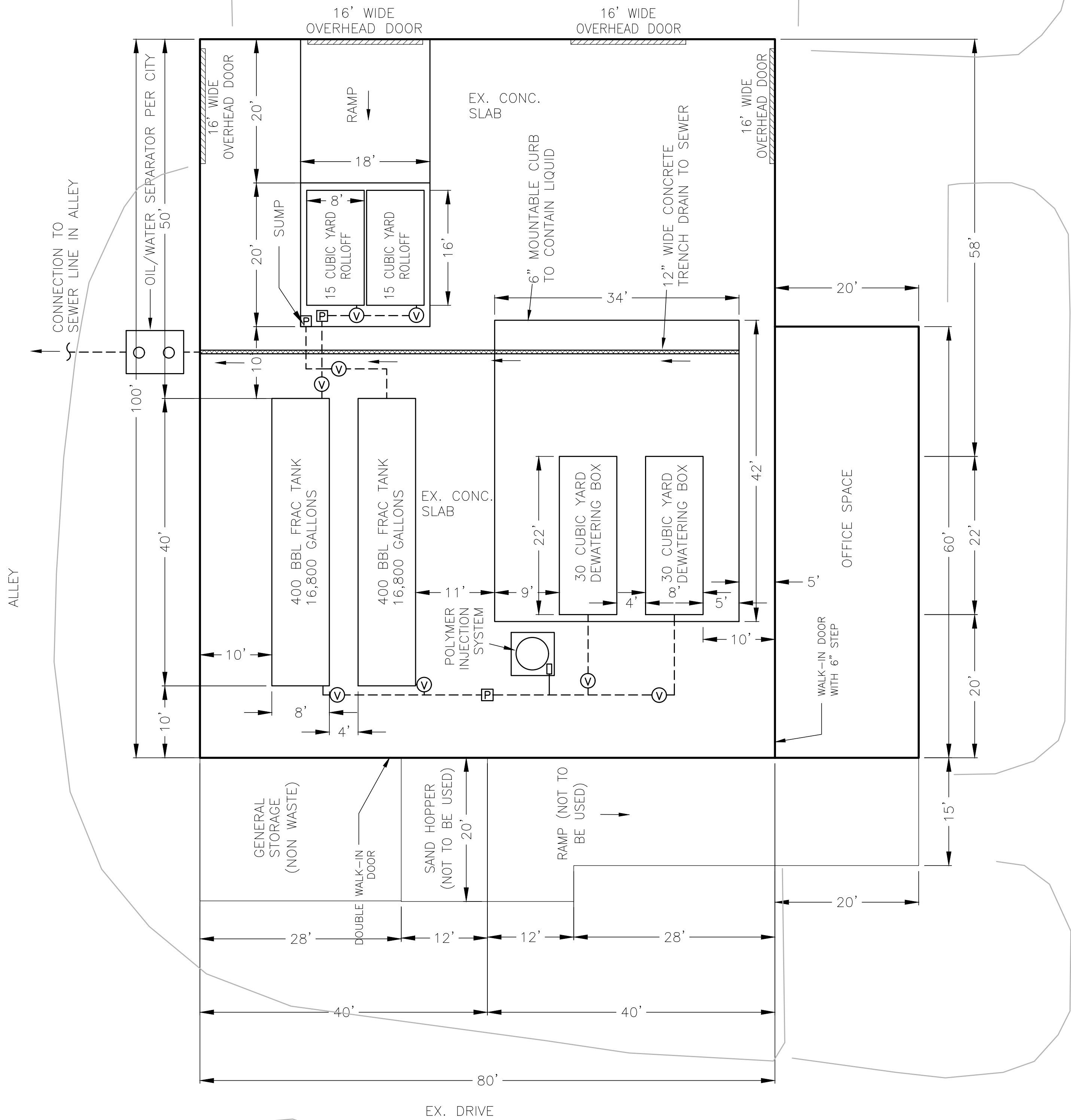
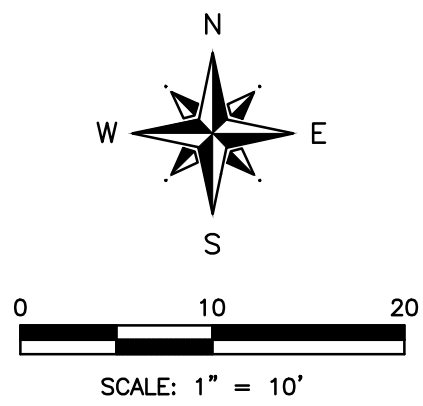


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Revised 3-17-2025

Construction Drawings

| REVISIONS | | | | |
|-----------|-----|-----------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | - | INITIAL RELEASE | | |



LEGEND

- PUMP
- VALVE
- 4-INCH SCH. 40 PVC

SE 28TH AVE.

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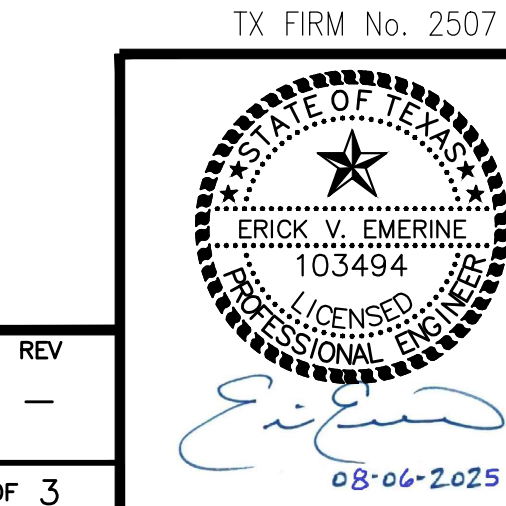
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79118
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FAX (806) 353-4132

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LAYOUT AND DIMENSION PLAN

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PROFILE SCALE:
HORIZONTAL
VERTICAL

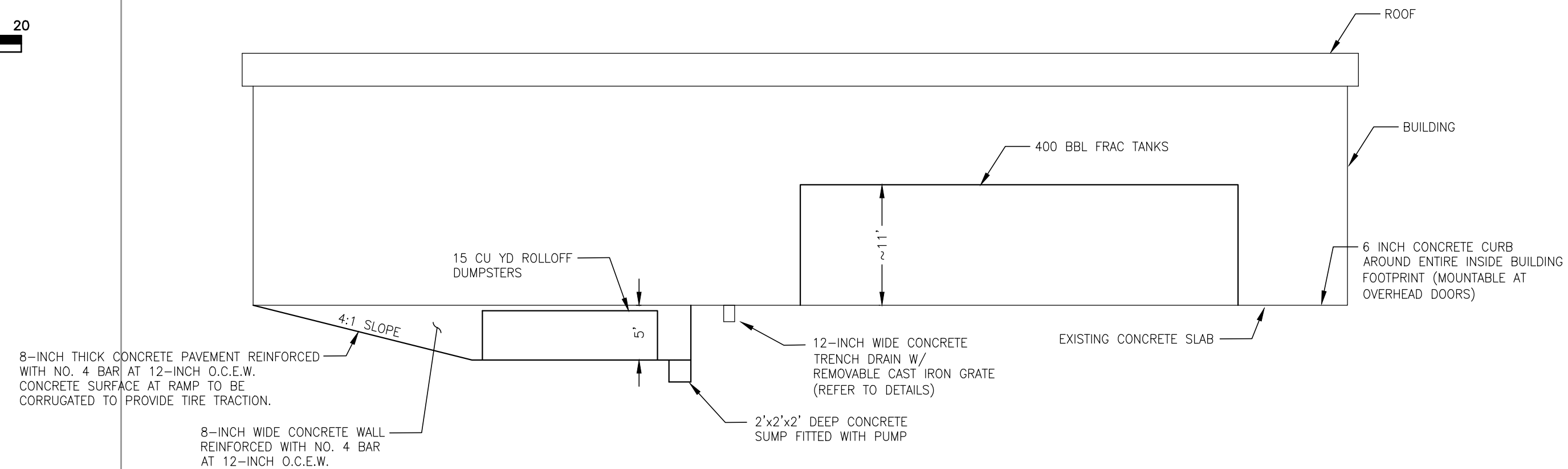
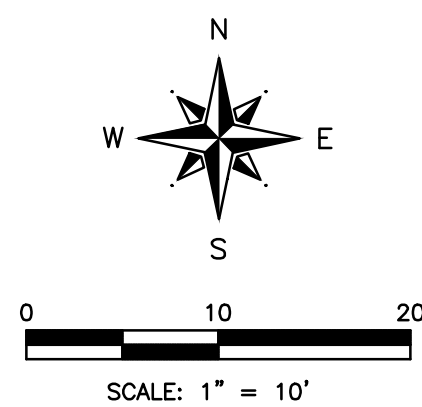
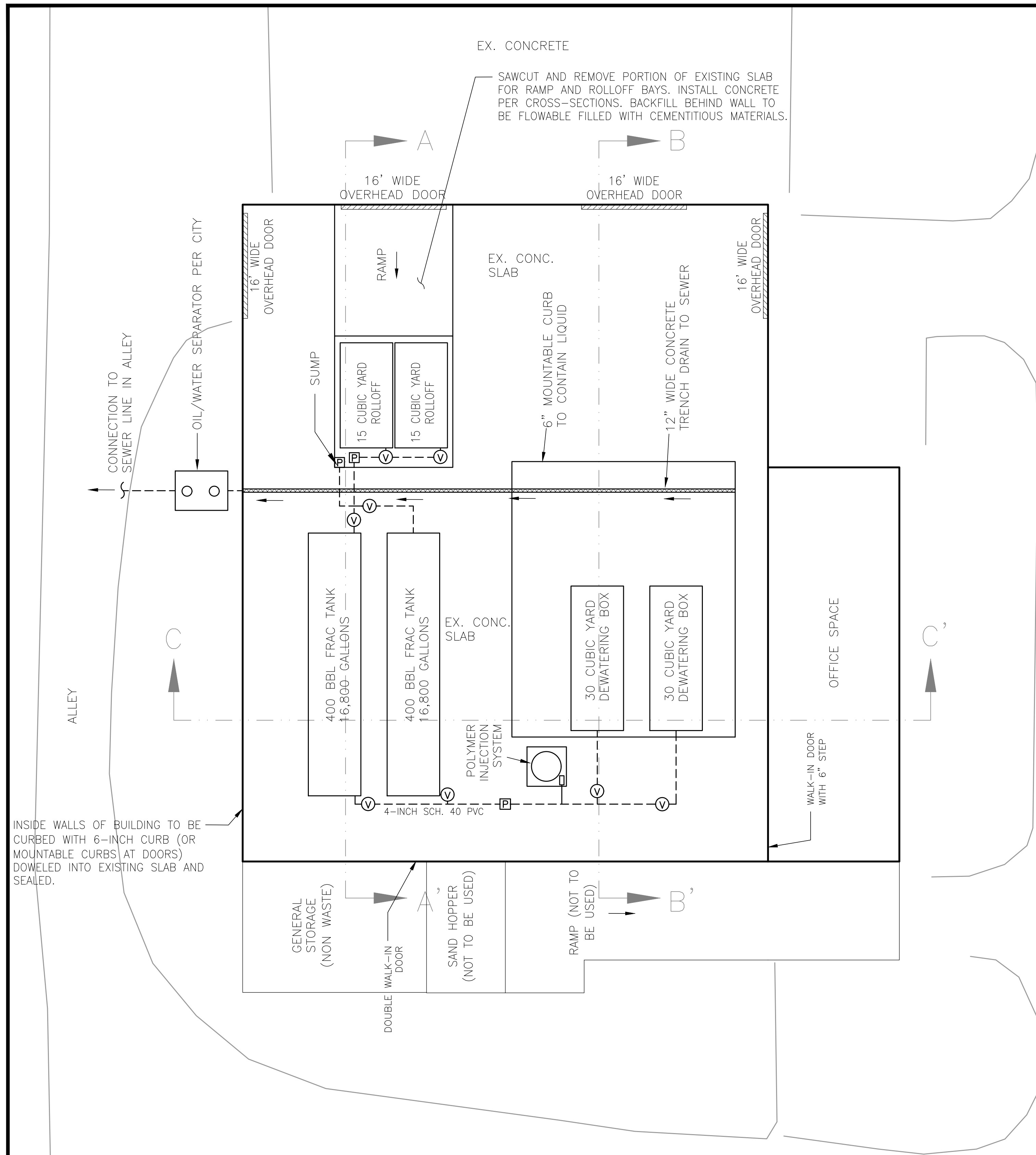
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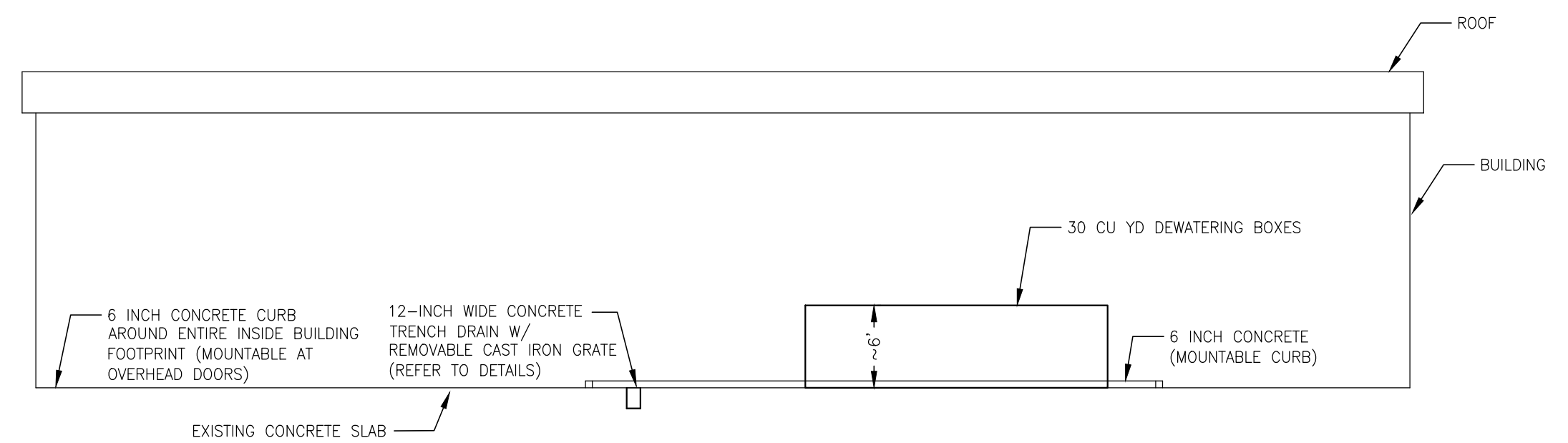


AMTEX LIQUID WASTE PROCESSING LLC
LAYOUT AND DIMENSION PLAN

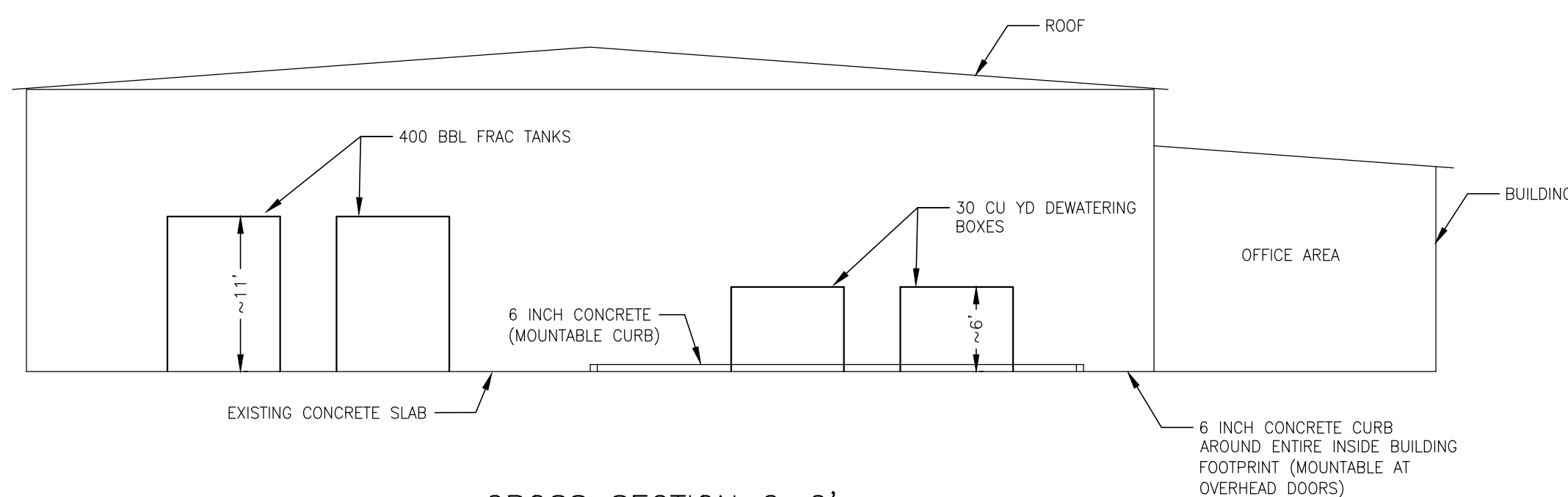
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| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | - | INITIAL RELEASE | | |



CROSS SECTION A-A'






CROSS SECTION B-B'



CROSS SECTION C-C'

1. ALL PRESSURE PIPING FOR THIS PROJECT SHALL BE MINIMUM 4-INCH SCHEDULE 40 PVC. ALL PVC JOINTS AND COUPLINGS SHALL BE SOLVENT WELDED AND PROPERLY THRUST RESTRAINED. IF STEEL IS SELECTED, JOINTS AND COUPLINGS SHALL BE FLANGED, THREADED AND/OR MECHANICAL JOINT TYPE.
2. ALL PUMPS (CENTRIFUGAL AND SUBMERSIBLE) SHALL BE CAPABLE OF 200 GPM AT 60' TOTAL DYNAMIC HEAD (~5 HP).
3. VALVES SHALL BALL, GATE OR BUTTERFLY TYPE.
4. ALL PLUMBING CONSTRUCTION SHALL BE LEAK AND PRESSURE TESTED UP TO 80 PSI.
5. CONCRETE CONSTRUCTION WORK SHALL BE WATERTIGHT INCLUDING ALL JOINTS. CONCRETE SHALL BE MINIMUM 4,000 PSI STRUCTURAL GRADE. EXISTING JOINTS AND/OR CRACKS IN SLAB SHALL BE CLEANED AND FILLED WITH AN APPROPRIATE HIGH PERFORMANCE ELASTOMERIC JOINT SEALANT. RECOMMENDED PRODUCT, SIKAFLEX-1A BY SIKA.
6. ENTIRE CONCRETE SLAB SURFACE WITHIN OPERATION AREA SHALL BE CLEANED AND COATED WITH AN INDUSTRIAL GRADE BITUMINOUS EPOXY BY CARBOLINE, PRODUCT BITUMASTIC 300M PER MANUFACTURER'S RECOMMENDATIONS.
7. INSIDE OF OPERATION AREA ALONG INSIDE WALL OF BUILDING TO BE CURBED WITH 6-INCH REINFORCED CONCRETE DOWELED INTO EXISTING SLAB AND SEALED. AT OVERHEAD DOORS, MOUNTABLE CURB TO BE INSTALLED TO PROVIDE ACCESS.
8. POLYMER INJECTION SYSTEM AND 30 YARD DEWATERING BOXES BY AQUA-ZYME ADS WASTE DISPOSAL SYSTEM. 15 YARD ROLLOFF BOXES ALSO BY AQUA-ZYME.
9. FRAC TANKS SHALL BE INDUSTRY STANDARD 400 BARREL HORIZONTAL TANKS.
10. POWER AND CONTROLS ARE NOT PART OF THESE DRAWINGS AND SHALL BE PERFORMED BY THE MEP ENGINEER AND/OR AQUA-ZYME.
11. OIL/WATER SEPARATOR SHALL BE A BELOW GRADE MUNICIPAL ACCEPTED SEPARATOR.

LEGEND

-  PUMP
 VALVE
 4-INCH SCH. 40 PVC

SE 28TH AVE.

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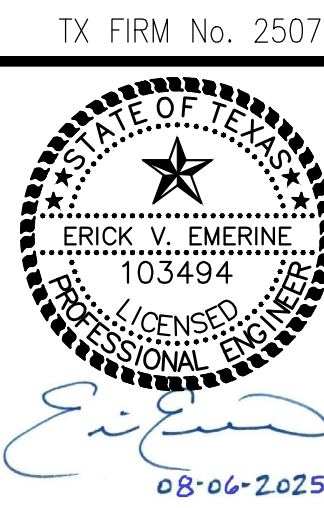
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VERTICAL

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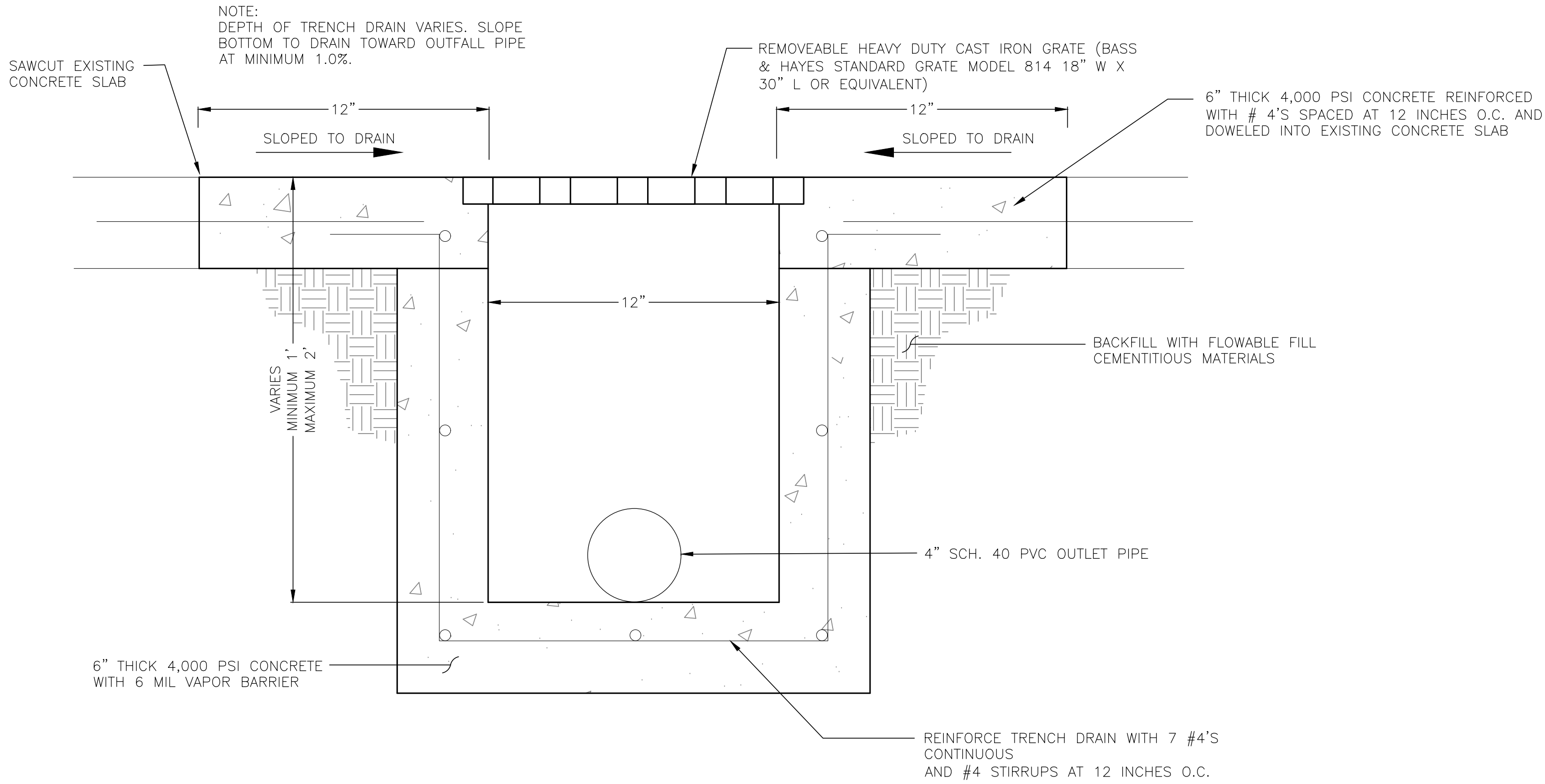
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CONSTRUCTION PLAN AND CROSS SECTIONS

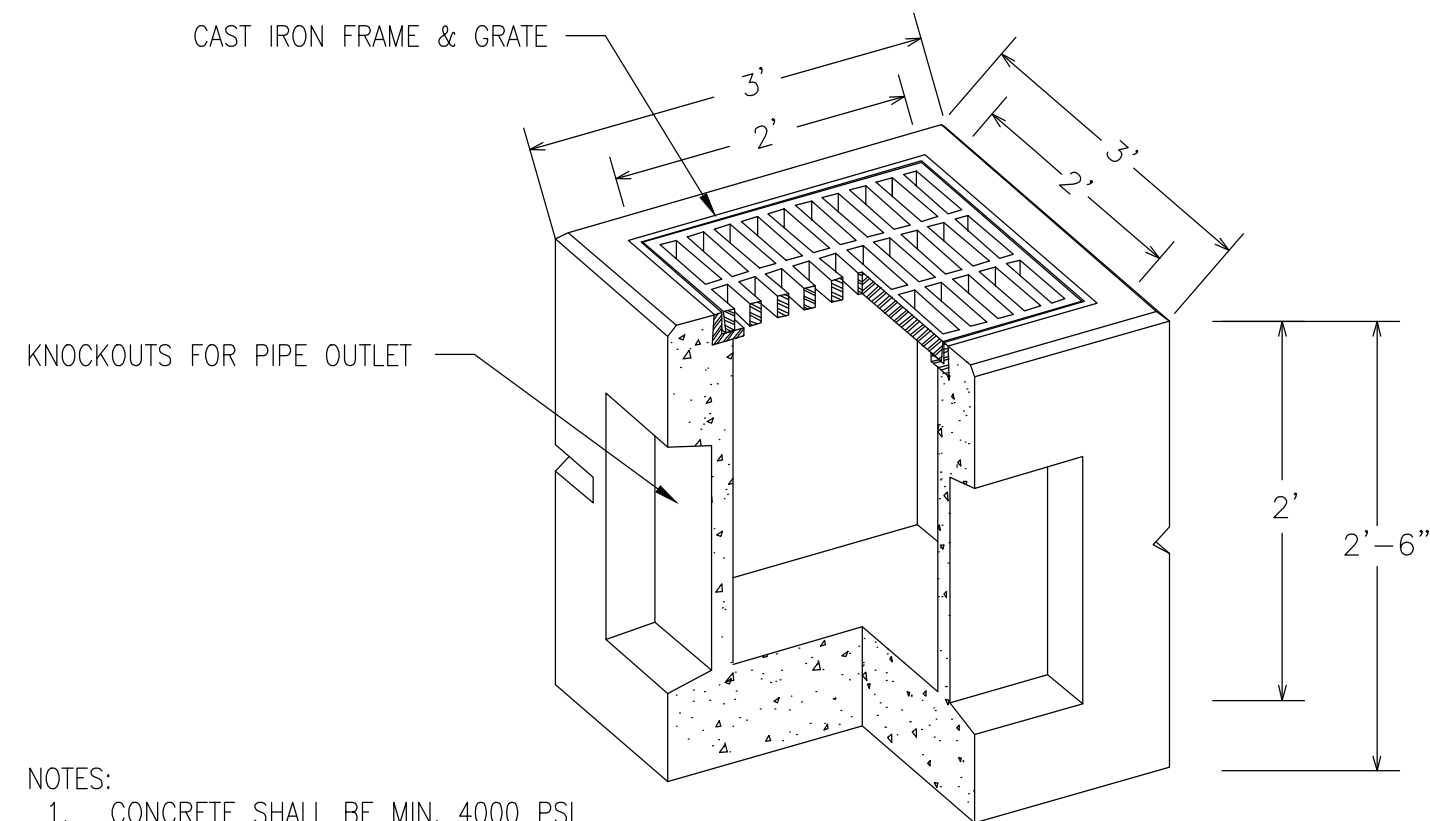
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| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | - | INITIAL RELEASE | | |



TRENCH DRAIN DETAIL

NOT TO SCALE



- NOTES:
1. CONCRETE SHALL BE MIN. 4000 PSI
 2. REINFORCEMENT SHALL BE MIN. GRADE 60 STEEL
 3. SHALL BE DESIGNED FOR AASHTO H-20 LOADINGS.
 4. GRATE AND FRAMES SHALL BE OF IRON CASTING MEETING ASTM A-48, CLASS 30/35.
 5. PRECAST CATCH BASINS DEEPER THAN THE SPECIFIED DESIGN DEPTH MAY BE GROUT/CONCRETE FILLED TO ACHIEVE INTENDED FLOWLINE DEPTH.

2'x2'x2' PRECAST CONCRETE CATCH BASIN (SUMP PIT)

NOT TO SCALE

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DETAILS

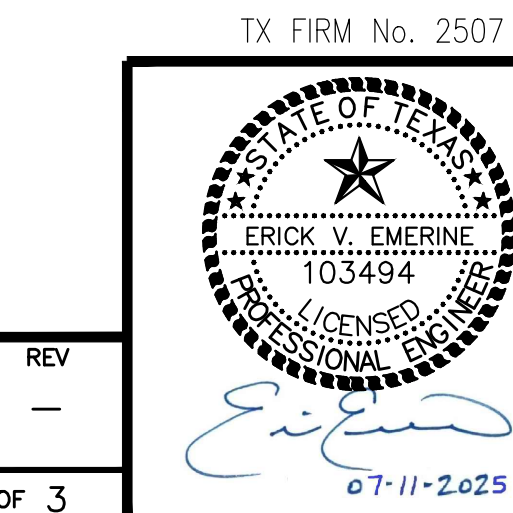
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PROFILE SCALE:
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SHEET 3 OF 3



AMTEX LIQUID WASTE PROCESSING LLC
DETAILS

Equipment Specifications


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[Home \(Index.Html\)](#) ▶ [Services \(Services.Html\)](#) ▶ ADS 15&30 Cubic Yard Roll Off Dewatering Unit


Overview

Experts in liquid waste removal, Aqua Zyme offers our 30 cubic yard ADS roll off dewatering container, to help give large-scale liquid waste producers the ability to save time and money in their waste handling process. By eliminating excess weight in your liquid waste through the removal of water, you are able to limit the number of times you need to offload the residual materials. By eliminating the number of trips you take, you can effectively improve your operation's overall efficiency. Here is a bit of info on how our 30 cubic yard ADS roll off dewatering equipment (<https://aqua-zyme.com/what-is-dewatering-equipment/>) works.

Shaped similarly to a larger dumpster, our 30 yd. dewatering container holds a maximum of 30 cubic yards of solid waste when full. Through the use of 205 square feet of filter media, all water in your liquid waste is purified and drained through the drainage ports located near the bottom. The residual flocculated solids are far less heavy and voluminous, making them easier to store and dispose of in bulk amounts.

Capable of being hauled off and delivered via a standard capacity roll off truck, these units are versatile, portable, and useful for various industries. Aqua Zyme offers both our 30 cubic yard ADS roll of dewatering equipment, along a 15 cubic yard configuration. Intersted in learning more about our ADS roll off dewatering units, and other host of disposal services? Call Aqua Zyme today at **979-245-5656**.

Get Free Quotation

Would you like to get a quote for good service, just submit your email.

Ph: 979-245-5656

Frequently Asked Questions

- How do I find a dumpster rental?
- What size roll-off dumpster should I use?
- How long can I rent a dumpster for? Do you offer longer-term roll-off dumpster rentals?
- What equipment will be needed to start dewatering my liquid waste?
- Where should I locate my dewatering facility?
- What permits and/or approvals will I need?
- What about effluent & dewatered sludge disposal?
- What about disposal trucking?
- How can I know that dewatering will actually save me money?

Dewatering Equipment for Liquid Solids Separation (/dewatering-systems/dewatering-equipment-for-liquid-solids-separation/)



Servicing Septic & Grease Pumpers World Wide (/dewatering-systems/servicing-septic-grease-pumpers-worldwide/)



Servicing Water & Wastewater Treatment Plants (/dewatering-systems/servicing-water-and-wastewater/)



ADS 15 & 30 Cubic Yard Roll Off Dewatering Unit (/dewatering-systems/ads/)



Polymer Injection Unit (/dewatering-systems/polymer-injection-unit/)



Debris Screener (/dewatering-systems/debris-screener/)



4" Trash Pump (/dewatering-systems/4-trash-pump/)



Rental & Sales Dewatering Equipment (/dewatering-systems/rental-and-sales-dewatering-equipment/)



Polymer Sales, Testing & Distribution (/dewatering-systems/polymer-sales-testing-and-distribution/)



Consulting Services & Onsite Training (/dewatering-systems/consulting-services-and-onsite-training/)



Our Brochures

Drawings & Specs (/site/assets/files/1078/aquazyme_-_30_yd_dewatering_unit.pdf)

Words From Customers

RES Group



RES would like to THANK EVERYONE for the GREAT SERVICE and professionalism of Aqua-Zyme. We will be back completing the SS at Celanese in the Fall 2021. and will be reaching out to you. I know the weather

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conditions were not the best – yet you all tried your
hardest to service our porta johns. THANK YOU ALL
AGAIN!

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hardest to service our porta johns. THANK YOU ALL
AGAIN!

We can't control the weather, but we can control the schedule, cost, quality, and safety.

[Contact Us Today \(/Contact/\)](#)



The ADS Waste Disposal System is completely shop assembled and, upon delivery, is ready for installation.

569 FM-2540
Van Vleck, Texas 77482
(979) 245-5656



Mon - Sat 8:00am - 5:00 pm
Closed Sunday

Usefull links

- [Home \(/\)](#)
- [Dewatering \(/dewatering-systems/ads/\)](#)
- [Local Services \(/local-services/septic-pumping/\)](#)
- [About \(/about/why-dewatering/\)](#)
- [Disposal Sites \(/disposal-sites/\)](#)
- [Videos \(/videos/\)](#)
- [Contact \(/contact/\)](#)

Texas Sludge Disposal | Taft, TX
Valley Dewatering | Mercedes, TX

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(<https://www.facebook.com/aqua.zyme/>)

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- Dewatering Equipment for Liquid Solids Separation (/dewatering-systems/dewatering-equipment-for-liquid-solids-separation/) ▶
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Our Brochures

Drawings & Specs (/site/assets/files/1102/aquazyme_-_polymer_unit.pdf)

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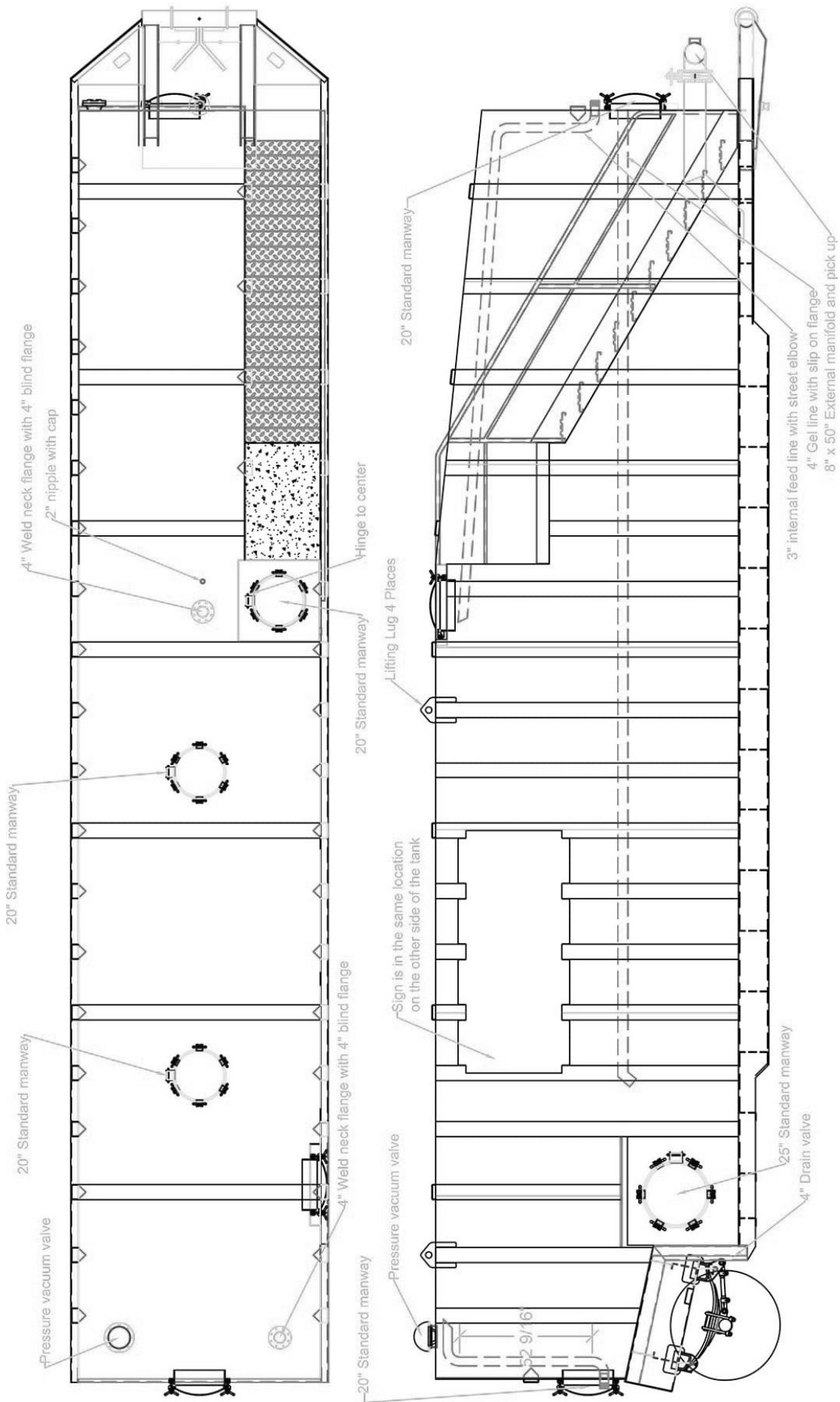
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Related Links



5700/5800 SERIES

FEATURES

8.0 to 9.5 GPM @ 2500 to 3000 PSI
Stainless Steel Coil Skin
20 HP

hotsy®

PRESSURE WASHERS / SINCE 1970

HOT WATER

ELECTRIC

BELT DRIVE



Upright, vertical coil delivers high efficiency and maintains constant temperature using oil, natural gas or liquid propane.

Controls for the pump, burner and detergent are easily accessible.

Remote ready for operation in wash bays.

Adjustable upstream detergent injection ensures high-pressure sudsing for better cleaning.

Stainless steel coil skin provides extra durability to withstand overspray.

Elevated gas valve protects valve from water damage, and is located at the back corner for easy installation and service.

Burner assembly pivots down to allow access to burner ring and pilot assembly for maintenance.

Insulated Hotsy trigger gun and insulated wand with ergonomic, adjustable side handle.

Pressure relief valve protects the machine and user from thermal expansion.

Control panel provides access to the main controls. Remove the front panel to access the Smart Relay for secured control of desired operating settings, such as auto start/stop functionality.

Sleek side and front panels are easily removed for routine maintenance and service access.

50-ft. length of high-pressure hose for easy maneuverability around a large working area.

With its 20 HP motor driving the incomparable Hotsy Triplex Pump and a vertical banded belt, the 5700 and 5800 Series delivers cleaning power up to 9.5 GPM and 3000 PSI.

Quick disconnect stainless steel nozzles are color coded for quick changing between 0°, 15°, 40° spray nozzles.



OPTIONS FOR 5700/5800 SERIES

12" Power Dampener

Remote Station (1)

R-Con Wireless Remote Kit (2)

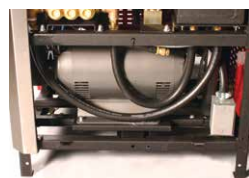
Wall Mount Remote Kite (3)

LP Conversion Kit

12" Natural Gas- or LP Gas-Fired Draft Diverter

Soap Solenoid and Switch

Water Inlet Solenoid



Motor is mounted to slide out rails for easy removal.



Large frame Hotsy belt-drive pump features NESTechnology with U-Seals for 3 times longer pump life.



Programmable Smart Control Automation provides complete control over the machine's run time, auto start/stop and time delay shut down functionality.

HOTSY.COM THE BRAND THE PROS USE



5700/5800 SERIES

Hot-Water **ELECTRIC** Models

POWERFUL MODELS FOR TOUGH INDUSTRIAL CLEANING..

■ Oil, NG or LP-Fired ■ 8 to 9.5 GPM @ 2500 to 3000 PSI ■ 20 HP

| MODEL | PART NO. | GPM | PSI | HP | VOLT/PH | AMPS | FUEL | BTU/HR | PUMP MODEL | HOSE (FT) | DIMENSIONS (LXWXH) | SHIP WT (LBS) |
|------------|-------------|-----|------|----|---------|------|------|---------|------------|-----------|--------------------|---------------|
| 5730SS | 1.109-658.0 | 8.0 | 3000 | 20 | 230/3 | 44 | Oil* | 768,000 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5732SS-208 | 1.109-654.0 | 8.0 | 3000 | 20 | 208/3 | 55 | NG | 720,450 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5732SS | 1.109-655.0 | 8.0 | 3000 | 20 | 230/3 | 42 | NG | 720,450 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5733SS | 1.109-659.0 | 8.0 | 3000 | 20 | 460/3 | 23 | Oil* | 768,000 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5735SS | 1.109-656.0 | 8.0 | 3000 | 20 | 460/3 | 21 | NG | 720,450 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5736SS | 1.109-657.0 | 8.0 | 3000 | 20 | 575/3 | 16 | NG | 720,450 | HX9536L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5832SS | 1.109-651.0 | 9.5 | 2500 | 20 | 230/3 | 42 | NG | 939,890 | HX1036L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5832SS-208 | 1.109-650.0 | 9.5 | 2500 | 20 | 208/3 | 48 | NG | 939,890 | HX1036L.2 | 50 | 51"x31"x63.4" | 1,471 |
| 5835SS | 1.109-652.0 | 9.5 | 2500 | 20 | 460/3 | 21 | NG | 939,890 | HX1036L.2 | 50 | 51"x31"x63.4" | 1,461 |
| 5836SS | 1.109-653.0 | 9.5 | 2500 | 20 | 575/3 | 16 | NG | 939,890 | HX1036L.2 | 50 | 51"x31"x63.4" | 1,471 |

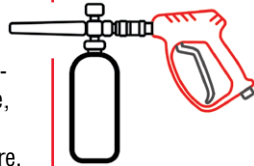
*Oil-fired models are not supplied with a fuel tank

DETERGENTS



To clean like a pro, you need to include detergents. Hotsy offers a full line of detergents for cleaning grease, dirt, road grime, aluminum, sanitation and so much more. Our detergents help you clean faster and save money.

PARTS & ACCESSORIES



Clean faster and more efficiently with pressure washer accessories like flat surface cleaners and turbo nozzles.

SERVICE



Hotsy factory-trained technicians keep your equipment running with on-site or in shop maintenance and tune-ups. Plus, we repair all brands.



EST. 1970

HOTSY.COM

Tel: 800.525.1976

Fax: 888.880.9631

Email:

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NOTE: We are constantly improving and updating our products. Consequently, pictures, features & specifications in this brochure may differ slightly from current models. Flow rates & pressure ratings may vary due to variances allowed by manufacturers of our machine components. We meet the CETA testing specs for machine performance at +_10% and in some cases are tighter within +_ 5% of listed specifications.

Specifications & product descriptions subject to change without notice. Hotsy's manufacturing facilities have established and apply a quality and environmental management system to be ISO 9001:2008 and ISO 14001:2001 certified.

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References

REFERENCES

Aqua-Zyme Disposal Systems, Inc. Available [REDACTED] Accessed 12/2024