

SECTION D

WASTE MANAGEMENT OPERATIONS

Revision No.

5.0

SECTION D
WASTE MANAGEMENT OPERATIONS

TABLE OF CONTENTS

D-1 Introduction1

D-2 Overview of Waste Management at the Facility1

D-3 Waste Management Units at the Facility.....2

D-4 Summary of Waste Management Process Information3

LIST OF APPENDICES

Appendix D-1 RCRA Part B Permit Application Engineering Drawings

SECTION D

WASTE MANAGEMENT OPERATIONS

D-1 Introduction

5 The management objective of this Facility is to safely store, treat, and dispose of waste in accordance with the regulations. This objective is accomplished through the inherent design of the waste management units, the adherence to specific waste management practices within these units, the training of management and operations personnel, and scheduled inspection of the waste management units. The Facility manages waste by storing and treating in containers, tanks, and containment buildings, and by disposal in lined landfill trenches.

D-2 Overview of Waste Management at the Facility

10 In general, waste is managed at the Facility through a variety of practices including, but not limited to, the following:

- accumulating, repackaging, and transferring wastes that are amenable to recovery or reuse to off-site facilities;
- 15 • accumulating and repackaging waste for treatment and destruction at off-site facilities;
- treating waste by oxidation/reduction, neutralization, hydrolysis, size reduction, decanting, phase separation, mixing, bulking, solidification, fixation or stabilization, and by various debris treatment methods;
- 20 • treating waste waters through the Leachate Treatment Plant (located in Unit 2001) regulated under the Clean Water Act (40 CFR Part 122 - NPDES Permit No. AL0050580). Treated waste water is used solely in on-site processes and is not currently discharged to streams; and
- the on-site disposing of treatment residues and other wastes amenable to landfill disposal.
- 25

The methods of storage, treatment, recovery, and disposal of waste and residuals are dependent on the type of waste and the point of generation. In general, wastes that are liquid are banned from land disposal and are solidified or stabilized on-site or shipped off-site. Leachate will generally be treated in the Leachate Treatment Plant (located in Unit 2001) by a combination of biological and physical treatment. Solid residues from the treatment of leachate in the Leachate Treatment Plant will be properly characterized as F039 and treated/disposed of accordingly. Solid waste may be treated by reduction, oxidation, neutralization, mixing, blending, size reduction, or stabilization; and landfilled on-site. Empty containers will be rinsed (if necessary), and either sent to off-site drum recovery facilities, or they may be crushed,

shredded or otherwise reduced in volume with non-recoverable containers. Rinsed, empty containers may also be re-containerized and shipped off-site for treatment or disposed of on-site in one of the landfill trenches.

D-3 Waste Management Units at the Facility

5 There are a number of units at the Facility in which hazardous and non-hazardous waste is managed (i.e., stored, treated, processed or disposed). The units, which are listed below, are regulated under the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), or the Clean Water Act (CWA).

10

Waste Management Units

- Container Storage Unit 406 (RCRA/TSCA)
- Container Management Unit 520 (RCRA/TSCA)
- Tank Management Unit 520 (RCRA)
- Container & Tank Management Unit 600 (RCRA/TSCA)
- 15 • Container Storage Unit 602 (RCRA/TSCA)
- Container Storage Unit 603 (RCRA/TSCA)
- Container Management Unit 604 (RCRA/TSCA)
- Container Management Unit 700 (RCRA/TSCA)
- Container Management Unit 702 (RCRA/TSCA)
- 20 • Container Management Unit 703A (RCRA/TSCA)
- Laboratory Tank Storage Unit 708 (RCRA)
- Wheel Wash and Tank Storage Unit 900 (RCRA)
- Containment Building / Container & Tank Management Unit 1200A (RCRA/TSCA)
- Tank Management Unit 1400 (RCRA)
- 25 • Leachate Tank Storage Units 1700 (RCRA)
- Container Management Unit 2000 (RCRA/TSCA)
- Leachate Treatment Plant Unit 2001 (CWA)
- Container Storage Unit 2200 (RCRA/TSCA)
- Landfill Disposal Trench 22 (RCRA/TSCA)
- 30 • Landfill Disposal Trench 23 (RCRA/TSCA)

D-4 Summary of Waste Management Process Information

The general and unit-specific design features of and management practices employed within each of the RCRA waste management units at the Facility are provided within the following sections of this Application:

5

- Section D-1 Management of Waste in Containers;
- Section D-2 Management of Waste in Tanks;
- Section D-6 Landfill Design Summary; and
- Section D-9 Management of Waste in Containment Buildings.

10

The design features for each of the RCRA waste management units at the Facility described within Sections D-1, D-2, D-6 and D-9 of this Application are depicted on the RCRA Part B Permit Application Engineering Drawings provided in Appendix D-1 to this section. To aid in their review, the permit design drawings within Appendix D-1 of this Application are provided at a size of 11" x 17", which is reduced from their original full size of normally either 24" x 36" or 30" x 42".

15

[End of Section D Text]

APPENDIX D-1

SECTION D

**RCRA PART B PERMIT APPLICATION ENGINEERING
DRAWINGS**

Revision No.

5.0

CERTIFICATION OF THE PERMIT DRAWINGS

CHEMICAL WASTE MANAGEMENT, INC.

EMELLE, ALABAMA FACILITY

PART B PERMIT APPLICATION

5 The following drawings, marked individually as "Permit Drawing", were collectively prepared for and included within the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 264. Drawings regarding units that are completed and in existence at the time of this certification may be based in whole, or in part, on information
10 supplied by the Owner or their representatives or other consultants, and on limited field investigations and other historical records, and reflect accurate information, within normally accepted construction tolerances and within the constraints of the purpose for which they were prepared.

Drawing No. **Drawing Title**

MISCELLANEOUS DRAWINGS

0000-000-000	COVER SHEET
0000-010-001	INSTRUMENT & PIPING IDENTIFICATION
0000-010-002	EQUIPMENT IDENTIFICATION
0000-010-003	INSTRUMENT & PIPING IDENTIFICATION
0100-010-001	OPERATIONS FLOW SHEET
0100-020-001	FACILITY LAYOUT
00-110-000	BOUNDARY SURVEY

UNDERGROUND PIPE CHASE SYSTEM UNIT 100

0100-020-002	UNDERGROUND PIPE CHASE SITE PLAN
0100-010-003	UNDERGROUND PIPE CHASE LAYOUT - SCHEMATIC DIAGRAM
0100-010-004	UNDERGROUND PIPE CHASE LAYOUT - SCHEMATIC DIAGRAM
0100-010-005	UNDERGROUND PIPE CHASE, TRENCH 19, UNIT 708, 900 & TANK FARM No. 2 - P&ID
0100-010-006	UNDERGROUND PIPE CHASE, INTERMEDIATE LOCATIONS - P&ID

<u>Drawing No.</u>	<u>Drawing Title</u>
0100-010-007	UNDERGROUND PIPE CHASE, TRENCH 21, CELLS 1 & 2 - P&ID
0100-010-008	UNDERGROUND PIPE CHASE TRENCH 21, CELLS 3 & 4 - P&ID
0100-010-009	UNDERGROUND PIPE CHASE TRENCH 22, CELLS 1 & 2 - P&ID
0100-010-010	UNDERGROUND PIPE CHASE TRENCH 22, CELLS 3 & 4 - P&ID
0100-040-001	UNDERGROUND PIPE CHASE JUNCTION VAULT - DETAILS

CONTAINER STORAGE UNIT 406

0406-020-001	CONTAINER STORAGE UNIT 406 - PLAN VIEW
0406-030-001	CONTAINER STORAGE UNIT 406 - SECTIONS
0406-030-002	CONTAINER STORAGE UNIT 406 - SECTIONS
0406-040-001	CONTAINER STORAGE UNIT 406 - DETAILS

CONTAINER & TANK MANAGEMENT UNIT 520

0520-010-001	CONTAINER & TANK MANAGEMENT UNIT 520 - P&ID
0520-020-001	CONTAINER & TANK MANAGEMENT UNIT 520 - PLAN VIEW
0520-030-001	CONTAINER & TANK MANAGEMENT UNIT 520 - SECTIONS
0520-040-001	CONTAINER & TANK MANAGEMENT UNIT 520 - DETAILS

CONTAINER & TANK MANAGEMENT UNIT 600

0600-010-001	CONTAINER & TANK MANAGEMENT UNIT 600 - P & ID
0600-020-001	CONTAINER & TANK MANAGEMENT UNIT 600 - PLAN VIEW
0600-030-001	CONTAINER & TANK MANAGEMENT UNIT 600 - SECTIONS
0600-030-002	CONTAINER & TANK MANAGEMENT UNIT 600 - SECTIONS
0600-040-001	CONTAINER & TANK MANAGEMENT UNIT 600 - DETAILS

CONTAINER STORAGE UNIT 602

0602-020-001	CONTAINER STORAGE UNIT 602 - PLAN VIEW
0602-030-001	CONTAINER STORAGE UNIT 602 - SECTIONS & DETAILS
0602-030-002	CONTAINER STORAGE UNIT 602 - SECTIONS & DETAILS

Drawing No. Drawing Title

CONTAINER STORAGE UNIT 603

0603-020-001 CONTAINER STORAGE UNIT 603 - PLAN VIEW
0603-030-001 CONTAINER STORAGE UNIT 603 - SECTIONS & DETAILS
0603-030-002 CONTAINER STORAGE UNIT 603 - SECTIONS & DETAILS

CONTAINER MANAGEMENT UNIT 604

0604-010-001 CONTAINER MANAGEMENT UNIT 604 - PFD
0604-020-001 CONTAINER MANAGEMENT UNIT 604 - PLAN VIEW
0604-030-001 CONTAINER MANAGEMENT UNIT 604 - SECTIONS
0604-040-001 CONTAINER MANAGEMENT UNIT 604 - DETAILS

CONTAINER MANAGEMENT UNIT 700

0700-010-001 CONTAINERIZED WASTE PROCESSING, UNIT 700 - PFD
0700-020-001 CONTAINER MANAGEMENT UNIT 700 - PLAN VIEW
0700-020-002 CONTAINER MANAGEMENT UNIT 700 - PLAN VIEW
0700-030-001 CONTAINER MANAGEMENT UNIT 700 - SECTIONS
0700-030-002 CONTAINER MANAGEMENT UNIT 700 - SECTIONS
0700-040-001 CONTAINER MANAGEMENT UNIT 700 - DETAILS

CONTAINER MANAGEMENT UNIT 702

0702-010-001 CONTAINERIZED WASTE PROCESSING, UNIT 702 - PFD
0702-020-001 CONTAINER MANAGEMENT UNIT 702 - PLAN VIEW
0702-030-001 CONTAINER MANAGEMENT UNIT 702 - SECTIONS
0702-040-001 CONTAINER MANAGEMENT UNIT 702 - DETAILS

CONTAINER MANAGEMENT UNIT 703A

0703A-020-001 CONTAINER MANAGEMENT UNIT 703A - PLAN VIEW
0703A-030-001 CONTAINER MANAGEMENT UNIT 703A - SECTIONS
0703A-030-002 CONTAINER MANAGEMENT UNIT 703A - SECTIONS
0703A-040-001 CONTAINER MANAGEMENT UNIT 703A - DETAILS

Drawing No. Drawing Title

LABORATORY TANK STORAGE UNIT 708

0708-010-001 LABORATORY TANK STORAGE UNIT 708 - P&ID
0708-020-001 LABORATORY TANK STORAGE UNIT 708 - PIPING LAYOUT & TANK
DETAILS

WHEEL WASH AND TANK STORAGE UNIT 900

0900-010-001 WHEEL WASH & TANK STORAGE UNIT 900 - P&ID
0900-020-001 WHEEL WASH & TANK STORAGE UNIT 900 - PLAN VIEW
0900-030-001 WHEEL WASH & TANK STORAGE UNIT 900 - SECTIONS & DETAILS

TANK MANAGEMENT UNIT 1400

1400-010-001 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-002 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-003 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-004 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-005 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-006 TANK MANAGEMENT UNIT 1400 - P&ID
1400-010-007 TANK MANAGEMENT UNIT 1400 - P&ID
1400-020-001 TANK MANAGEMENT UNIT 1400 - AREA FOUNDATION LOCATION
PLAN
1400-020-003 TANK MANAGEMENT UNIT 1400 - AREA PAVING PLAN
1400-030-001 TANK MANAGEMENT UNIT 1400 - SECTIONS
1400-030-002 TANK MANAGEMENT UNIT 1400 - SECTIONS
1400-040-001 TANK MANAGEMENT UNIT 1400 - DETAILS
1400-040-002 TANK MANAGEMENT UNIT 1400 - DETAILS
1400-040-003 TANK MANAGEMENT UNIT 1400 - DETAILS

LEACHATE TANK STORAGE UNITS 1700A, B & C

1700-010-001 LEACHATE TANK STORAGE UNIT 1700B & C (T-1701 THRU T-1704) -
P&ID
1700-010-003 LEACHATE TANK STORAGE UNIT 1700A (TANK T-A) - P&ID

<u>Drawing No.</u>	<u>Drawing Title</u>
1700-020-001	UNDERGROUND PIPE CHASE UNIT 1700A, B, & C - SITE PLAN
1700-020-002	LEACHATE TANK T-A, UNIT 1700A – PLAN & SECTIONS
1700-020-003	LEACHATE TANKS T-1701 & T-1702, UNIT 1700B - PLAN, SECTIONS & DETAILS
1700-020-004	LEACHATE TANKS T-1703 & T-1704, UNIT 1700C - PLAN, SECTIONS & DETAILS
1700-040-001	LEACHATE TANK T-A, UNIT 1700A - DETAILS

CONTAINER MANAGEMENT UNIT 2000

2000-020-001	CONTAINER MANAGEMENT UNIT 2000 - PLAN VIEW
2000-030-002	CONTAINER MANAGEMENT UNIT 2000 (MACROENCAPSULATION) - SECTIONS
2000-030-003	CONTAINER MANAGEMENT UNIT 2000 - SECTIONS
2000-040-001	CONTAINER MANAGEMENT UNIT 2000 - DETAILS

CONTAINER STORAGE UNIT 2200

2200-020-001	CONTAINER STORAGE UNIT 2200 - PLAN VIEW
2200-020-002	CONTAINER STORAGE UNIT 2200 - PLAN VIEW
2200-030-001	CONTAINER STORAGE UNIT 2200 - SECTIONS
2200-040-001	CONTAINER STORAGE UNIT 2200 - DETAILS

5 With regards to the aforementioned drawings, which were prepared for, and included within Appendix D-1 to Section D of the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 265, 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mark C. Christian, P.E.
Alabama P.E. No.: 20751
Principal
ETI Corporation
6799 Great Oaks Road, Suite 100
Memphis, Tennessee 38138-2500



The above certification was submitted in April 1996 to certify permit application Revisions 12.0 and 12.1. Modifications associated with permit application Revisions 2.0 through 4.4 primarily consisted of removal of closed units and tanks, deletion of units no longer proposed, incorporation of any changes to existing units, and addition of new or proposed solid waste management units. These modifications were prepared under the supervision of a licensed Alabama Professional Engineer and no modifications have been made to the drawings since the Revision 4.4 submittal, with the exception of the following drawings:

- 0100-010-001 – Revised various flow paths;
- 0100-010-003 and 0100-020-002 – Revised pipe chase;
- 0520-020-001 and 0520-030-001 – Extended containment area 1 and associated roof;
- 0700-020-002 – Extended roof for containment areas 12-16;
- 0702-020-001 and 0702-030-002 – Removed containment area 14 and container decanting and filing system; and
- 2200-020-002 – Revised containment areas 9-18 to remove berm to reflect as-built conditions.

Therefore, all drawings included within Appendix D-1 of this Part B Permit Application are current and are denoted as Revision 5.0.

With regards to the aforementioned modified drawings, which were prepared for, and included within Appendix D-1 to Section D of the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 264, I certify under penalty of law that the modified drawings 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 that there are

significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

5 Michael T. Feeney, P.E.
Alabama P.E. No.: 15895
Jacobs Engineering Group Inc.
Ten 10th Street NW
Atlanta, Georgia 30309

10



CERTIFICATION OF THE PERMIT DRAWINGS

CHEMICAL WASTE MANAGEMENT, INC.

EMELLE, ALABAMA FACILITY

PART B PERMIT APPLICATION

5 The following drawings, marked individually as "Permit Drawing", were collectively prepared for and included within the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 264. Drawings regarding units that are completed and in existence at the time of this certification may be based in whole, or in part, on information
10 supplied by the Owner or their representative or other consultants, and on limited field investigations and other historical records, and reflect accurate information, within normally accepted construction tolerances and within the constraints of the purpose for which they were prepared.

Drawing No.

Drawing Title

CONTAINMENT BUILDING/CONTAINER & TANK MANAGEMENT UNIT 1200A

1200A-010-000	BUILDING 1200A -PIPING/INSTRUMENTATION SYMBOLOGY
1200A-010-002A	BUILDING 1200A - P & ID
1200A-010-003	BUILDING 1200A - P & ID
1200A-010-004	BUILDING 1200A - P & ID
1200A-010-005	BUILDING 1200A - P & ID
1200A-010-006	BUILDING 1200A - P & ID
1200A-020-001	BUILDING 1200A - GENERAL ARRANGEMENT
1200A-020-002	BUILDING 1200A - GENERAL ARRANGEMENT
1200A-030-002	BUILDING 1200A - ELEVATIONS
1200A-030-003A	BUILDING 1200A – SECTIONS
1200A-030-004A	BUILDING 1200A - LINER SYSTEM SUBGRADE PLAN
1200A-030-005	BUILDING 1200A CONTAINMENT DETAILS AND SECTIONS
1200A-040-001	BUILDING 1200A – GROUND FLOOR AND FOUNDATION SECTIONS AND DETAILS
1200A-040-002	UNIT 1200A, BATCH STABILIZATION MIXING TANKS – T-1201A & T-1202A

With regards to the aforementioned drawings, which were prepared for, and included within Appendix D-1 to Section D of the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 265, 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Just Engr & Const.
Company

Timothy J. Hess
P.E. Name & Title

[Handwritten Signature]
P.E. Signature

17195
Alabama P.E. No.



The above certification was submitted in April 1996 to certify permit application Revisions 12.0 and 12.1. Modifications associated with permit application Revisions 2.0 through 3.3 primarily consisted of removal of closed tanks, deletion of portions of Unit 1200A no longer proposed, and incorporation of any changes to existing Unit 1200A. These modifications were prepared under the supervision of a licensed Alabama Professional Engineer and no modifications have been made to the above referenced drawings since Revision 3.3. The Unit 1200A drawings in this permit application are current and are denoted as Revision 5.0.

With regards to the aforementioned modified drawings, which were prepared for, and included within Appendix D-1 to Section D of the RCRA Part B Permit Application for the sole intent and purpose of demonstrating compliance with the applicable portions of Division 14 of the ADEM Administrative Code Rules and 40 CFR 264, I certify under penalty of law that the modified drawings 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Feeney, P.E.
Alabama P.E. No.: 15895
Jacobs Engineering Group Inc.
Ten 10th Street NW
Atlanta, Georgia 30309



[End of Appendix D-1 Text]

VALVE BODY SYMBOLS

	GATE OR GENERAL VALVE SYMBOL
	BUTTERFLY VALVE
	GLOBE VALVE
	BALL VALVE
	NEEDLE VALVE
	ROTARY VALVE
	PLUG VALVE
	PINCH VALVE
	SLIDE OR KNIFE GATE VALVE
	CHECK VALVE
	DIAPHRAGM VALVE
	THREE-WAY VALVE
	FOUR-WAY VALVE
	ANGLE VALVE
	DAMPER OR LOUVER
	BACK FLOW PREVENTER
	BACKPRESSURE REGULATOR
	PRESSURE RELIEF OR SAFETY VALVE
	VACUUM RELIEF VALVE
	CONSERVATION VENT

ACTUATOR SYMBOLS

	ROTARY MOTOR (ELECTRIC, HYDRAULIC, OR PNEUMATIC)
	SOLENOID
	DIAPHRAGM OR OPERATOR
	PNEUMATIC OR HYDRAULIC CYLINDER
	HAND
	SPRING OR WEIGHT RETURN
	ELECTROHYDRAULIC

LINE DEVICE SYMBOLS

	FLUME
	ORIFICE PLATE IN QUICK CHANGE FITTING
	VENTURI/EDUCTOR
	WEIR
	FLANGED ORIFICE w/CORNER TAPS
	SINGLE PORT PITOT TUBE
	TURBINE OR PROPELLER ELEMENT
	AVERAGING PITOT TUBE
	POSITIVE-DISPLACEMENT TYPE FLOW TOTALIZING INDICATOR
	VORTEX SENSOR
	FLOW NOZZLE
	SONIC FLOWMETER
	TARGET TYPE SENSOR
	MAGNETIC FLOWMETER
	ORIFICE PLATE
	ORIFICE DRILLED IN VALVE
	RUPTURE DISK FOR PRESSURE RELIEF
	RUPTURE DISK FOR VACUUM RELIEF

INSTRUMENT LINE ABBREVIATIONS

AS	AIR SUPPLY
ES	ELECTRIC SUPPLY
HS	HYDRAULIC SUPPLY
GS	GAS SUPPLY
NS	NITROGEN SUPPLY
SS	STEAM SUPPLY
WS	WATER SUPPLY

PIPING & MISC. SYMBOLS

	FLEX HOSE CONNECTION
	QUICK CONNECT
	BLIND FLANGE
	WELDED CAP
	PLUG
	THERMOWELL
	FLAME OR DETONATION ARRESTER
	EYE WASH/SHOWER
	REDUCER
	SITE GLASS
	TANK INSULATION
	EXPLOSION VENT
	TANKER DOME COVER PLATE
	TANKER DOME COVER
	DRAIN
	INJECTOR/EJECTOR
	EXPANSION JOINT
	TRAP, FILTER, LUBRICATOR, OR REGULATOR
	PIPE INSULATION
	HEAT TRACING
	SEPARATOR
	NOZZLE
	U-VENT
	PRESSURE OR VACUUM RELIEF MANWAY
	SPRAY NOZZLE
	CAPPED TERMINATION
	SECONDARY CONTAINMENT PIPE
	TANKER INFLATABLE HATCH SEAL

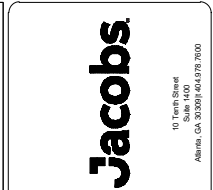
INSTRUMENT LINE SYMBOLS

	INSTRUMENT SUPPLY OR CONNECTION TO PROCESS
	UNDEFINED SIGNAL
	PNEUMATIC SIGNAL
	ELECTRICAL SIGNAL
	HYDRAULIC SIGNAL
	CAPILLARY TUBE
	ELECTROMAGNETIC OR SONIC SIGNAL
	INTERNAL SOFTWARE OR DATA LINK
	MECHANICAL LINK
	PNEUMATIC BINARY SIGNAL
	ELECTRIC BINARY SIGNAL

MISCELLANEOUS

	LINE BREAK OR RESUMPTION POINT
	ELECTRIC MOTOR
	MANUAL SLIDE GATE
	PNEUMATIC OR HYDRAULICALLY OPERATED SLIDE GATE

CREATED: 02/20/2020
 LAST SAVED: 12/20/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTHER COUNTY, AL

NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 INSTRUMENT & PIPING IDENTIFICATION
 SHEET 0000-010-001

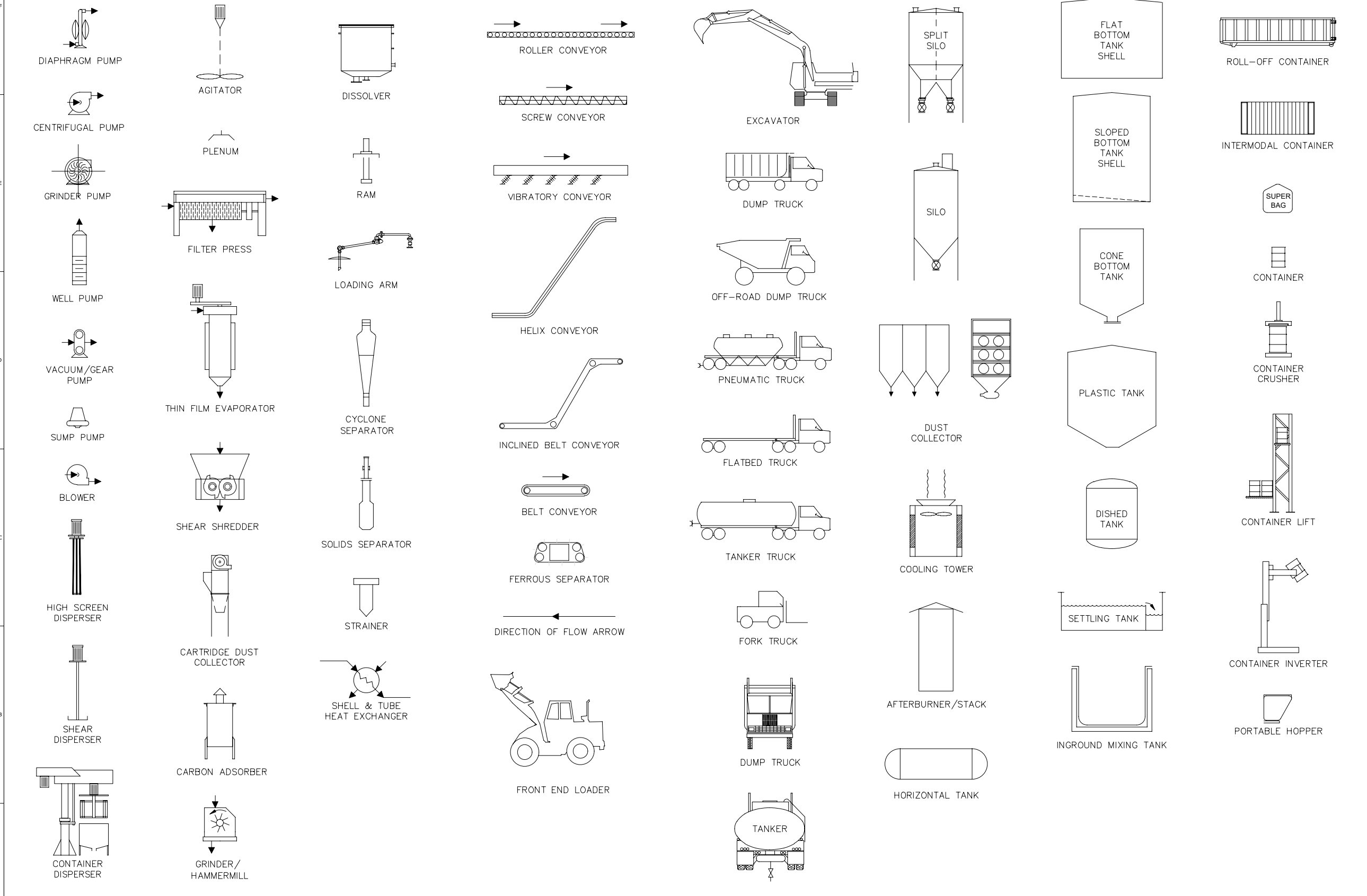


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SENTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CREATED: 8/06/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



REV	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

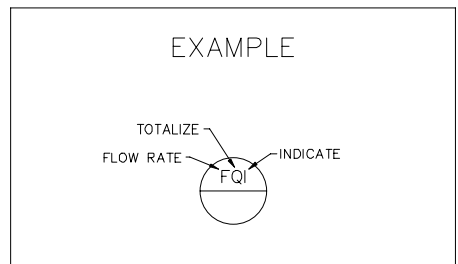
IDENTIFICATION INSTRUMENT NOMENCLATURE

	FIRST LETTER (4)		SUCCEEDING LETTERS (3)		
	MEASURED OR INITIATING VARIABLE	MODIFIER	READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER
A	Analysis (5,19)		Alarm		
B	Burner, Combustion		User's Choice (1)	User's Choice (1)	User's Choice (1)
C	User's Choice (1)			Control (13)	
D	User's Choice (1)	Differential (4)			
E	Voltage		Sensor (Primary Element)		
F	Flow Rate	Ratio (Fraction) (4)			
G	User's Choice (1)		Glass, Viewing Device (9)		
H	Hand				High (7, 15, 16)
I	Current (Electric)		Indicate (10)		
J	Power	Scan (7)			
K	Time, Time Schedule	Time Rate of Change (4,21)			Control Station (22)
L	Level		Light (11)		Low (7, 15, 16)
M	User's Choice (1)	Momentary (4)			Middle, Intermediate (7, 15)
N	User's Choice (1)		User's Choice (1)	User's Choice (1)	User's Choice (1)
O	User's Choice (1)		Orifice, Restriction		
P	Pressure, Vacuum		Point (Test) Connection		
Q	Quantity	Integrate, Totalize (4)			
R	Radiation		Record (17)		
S	Speed, Frequency	Safety (8)		Switch (13)	
T	Temperature			Transmit (18)	
U	Multivariable (6)		Multifunction (12)	Multifunction (12)	Multifunction (12)
V	Vibration, Mechanical Analysis (19)			Valve, Damper, Louver (13)	
W	Weight, Force		Well		
X	Unclassified (2)	X Axis	Unclassified (2)	Unclassified (2)	Unclassified (2)
Y	Event, State or Presence (20)	Y Axis		Relay, Compute, Convert (13, 14, 18)	
Z	Position, Dimension	Z Axis		Driver, Actuator, Unclassified Final Control Element	

GENERAL INSTRUMENT OR FUNCTION SYMBOLS

	PRIMARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR	FIELD MOUNTED	AUXILIARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR
DISCRETE INSTRUMENTS	002	004	006
SHARED DISPLAY, SHARED CONTROL	008	010	012
COMPUTER FUNCTION	014	016	018
PROGRAMMABLE LOGIC CONTROL	020	022	024

025		026
PILOT LIGHT	PANEL MOUNTED PATCHBOARD POINT	PURGE OR FLUSHING DEVICE
027		029
RESET FOR LATCH ACTUATOR	DIAPHRAGM SEAL	UNDEFINED INTER-LOCK LOGIC



NORMALLY INACCESSIBLE OR BEHIND-THE-PANEL DEVICES OR FUNCTIONS MAY BE DEPICTED BY USING THE SAME SYMBOLS BUT WITH DASHED HORIZONTAL BARS, i.e.

NOTES FOR NOMENCLATURE TABLE

- (1) A "user's choice" letter is intended to cover unlisted meanings that will be used repetitively in a particular project. If used, the letter may have one meaning as a first-letter and another meaning as a succeeding-letter. The meanings need to be defined only once in a legend, or other place, for that project. For example, the letter N may be defined as "modulus of elasticity" as a first-letter and "oscilloscope" as a succeeding-letter.
- (2) The unclassified letter X is intended to cover unlisted meanings that will be used only once or used to a limited extent. If used, the letter may have any number of meanings as a first-letter and any number of meanings as a succeeding-letter. Except for its use with distinctive symbols, it is expected that the meanings will be defined outside a tagging bubble on a flow diagram. For example, XR-2 may be a stress recorder, and XX4 may be a stress oscilloscope.
- (3) The grammatical form of the succeeding-letter meanings may be modified as required. For example, "indicate" may be applied as "indicator" or "indicating," "transmit" as "transmitter" or "transmitting," etc.
- (4) Any first-letter, if used in combination with modifying letters D (differential), F (ratio), M (momentary), K (time rate of change), Q (integrate or totalize), or any combination of these is intended to represent a new and separate measured variable, and the combination is treated as a first-letter entity. Thus, instruments TDI and TI indicate two different variables, namely, differential-temperature and temperature. Modifying letters are used when applicable.
- (5) First-letter A (analysis) covers all analyses not described by a "user's choice" letter. It is expected that the type of analysis will be defined outside a tagging bubble.
- (6) Use of first-letter U for "multivariable" in lieu of a combination of first-letters is optional. It is recommended that nonspecific variable designators such as U be used sparingly.
- (7) The use of modifying terms "high," "low," "middle" or "intermediate," and "scan" is optional.
- (8) The term "safety" applies to emergency protective primary elements and emergency protective final control elements only. Thus, a self-actuated valve that prevents operation of a fluid system at a higher-than-desired pressure by bleeding fluid from the system is a back-pressure type PCV, even if the valve is not intended to be used normally. However, this valve is designated as a PSV if it is intended to protect against emergency conditions, i.e., conditions that are hazardous to personnel and/or equipment and that are not expected to arise normally. The designation PSV applies to all valves intended to protect against emergency pressure conditions regardless of whether the valve construction and mode of operation place them in the category of the safety valve, relief valve, or safety relief valve. A rupture disc is designated PSE.
- (9) The passive function C applies to instruments or devices that provide an uncalibrated view, such as sight glasses and television monitors.
- (10) "Indicate" normally applies to the readout--analog or digital--of an actual measurement. In the case of a manual loader, it may be used for the dial or setting indication, i.e., for the value of the initiating variable.
- (11) A pilot light that is part of an instrument loop should be designated by a first-letter followed by the succeeding-letter L. For example, a pilot light that indicates an expired time period should be tagged KQL. If it is desired to tag a pilot light that is not part of an instrument loop, the light is designated in the same way. For example, a running light for an electric motor may be tagged EL, assuming voltage to be the appropriate measured variable, or YL, assuming the operating status is being monitored. The unclassified variable X should be used only for applications which are limited in extent. The designation XL should not be used for motor running lights, as these are commonly numerous. It is permissible to use the user's choice letters M, N or O for a motor running light when the meaning is previously defined. If M is used, it must be clear that the letter does not stand for the word "motor," but for a monitored state.
- (12) Use of a succeeding-letter U for "multifunction" instead of a combination of other functional letters is optional. This nonspecific function designator should be used sparingly.
- (13) A device that connects, disconnects, or transfers one or more circuits may be either a switch, a relay, an ON-OFF controller, or a control valve, depending on the application. If the device manipulates a fluid process stream and is not a hand-actuated ON-OFF block valve, it is designated as a control valve. It is incorrect to use the succeeding-letters CV for anything other than a self-actuated control valve. For all applications other than fluid process streams, the device is designated as follows:
 A switch, if it is actuated by hand.
 A switch or an ON-OFF controller, if it is automatic and is the first such device in a loop. The term "switch" is generally used if the device is used for alarm, pilot light, selection, interlock, or safety.
 The term "controller" is generally used if the device is used for normal operating control.
 A relay, if it is automatic and is not the first such device in a loop, i.e., it is actuated by a switch or an ON-OFF controller.
- (14) It is expected that the functions associated with the use of succeeding-letter Y will be defined outside a bubble on a diagram when further definition is considered necessary. This definition need not be made when the function is self-evident, as for a solenoid valve in a fluid signal line.
- (15) The modifying terms "high," and "low," and "middle" or "intermediate" correspond to values of the measured variable, not to values of the signal, unless otherwise noted. For example, a high-level alarm derived from a reverse-acting level transmitter signal should be an LAH, even though the alarm is actuated when the signal falls to a low value. The terms may be used in combinations as appropriate. (See Section 6.9A.)
- (16) The terms "high" and "low," when applied to positions of valves and other open-close devices, are defined as follows: "high" denotes that the valve is in or approaching the fully open position, and "low" denotes that it is in or approaching the fully closed position.
- (17) The word "record" applies to any form of permanent storage of information that permits retrieval by any means.
- (18) For use of the term "transmitter" versus "converter," see the definitions in Section 3.
- (19) First-letter V, "vibration or mechanical analysis," is intended to perform the duties in machinery monitoring that the letter A performs in more general analyses. Except for vibration, it is expected that the variable of interest will be defined outside the tagging bubble.
- (20) First-letter Y is intended for use when control or monitoring responses are event-driven as opposed to time or time schedule-driven. The letter Y, in this position, can also signify presence or state.
- (21) Modifying-letter K, in combination with a first-letter such as L, T, or W, signifies a time rate of change of the measured or initiating variable. The variable WKIC, for instance, may represent a rate-of-weight-loss controller.
- (22) Succeeding-letter K is a user's option for designating a control station, while the succeeding-letter C is used for describing automatic or manual controllers. (See Section 3, Definitions.)



REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE			
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.			
PROJECT NO: D3279702			
DATE: AUGUST 2022			
DISC. LEAD:	DESIGNER:	CHECKER:	
MTF	RAK	SBT	
SHEET TITLE			
OPERATIONS FLOW SHEET			
SHEET 0100-010-001			

FLOW PATH IDENTIFICATION

FLOW PATH	MATERIAL	FLOW PATH	MATERIAL
1	ALL WASTES	13	LIQUID WASTES
2	LOADS OF REJECTED WASTES	14	CORROSIVE LIQUID WASTES
3	CONTAINERIZED WASTES	15	AQUEOUS WASTES
4	BULK LIQUIDS & SLUDGES	16	STABILIZED WASTES
5	BULK SOLID WASTES	17	LEACHATE LIQUIDS
6	CONTAINERIZED SOLID WASTES	18	NON-CONTAMINATED STORMWATER
7	CONTAINERIZED LIQUID WASTES & SLUDGES	19	CONTAMINATED STORMWATER
8	DECANTED WASTES	20	SANITARY WASTES
9	(NOT USED)	21	SOLID WASTE FUELS
10	(NOT USED)	22	TREATED EFFLUENT
11	SOLVENTS FOR RECLAMATION	23	TREATED DEBRIS
12	BLENDED WASTE FUELS	24	LEACHATE SOLIDS
		25	(NOT USED)
		26	CONTAMINATED CONTACT WATER

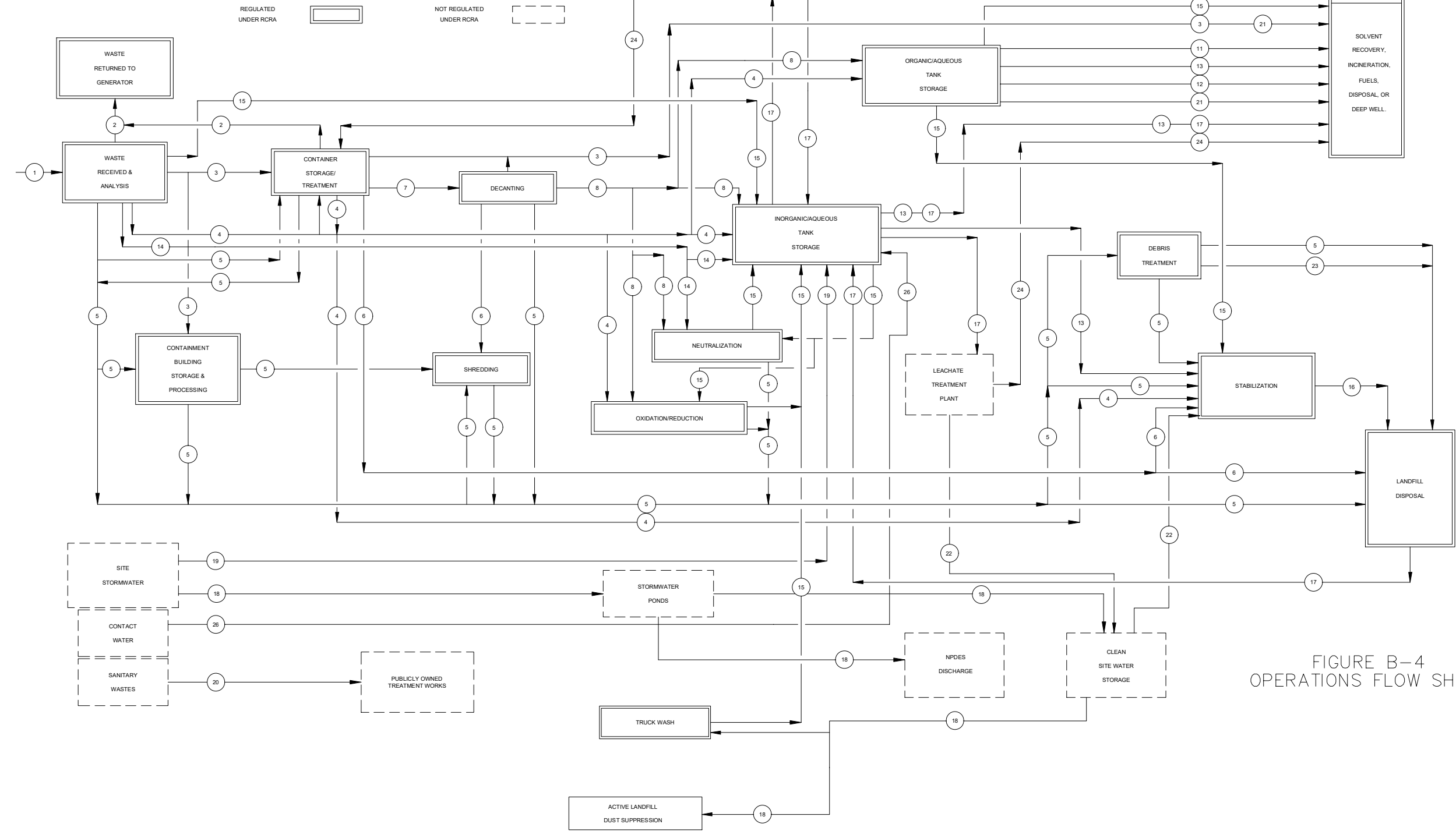
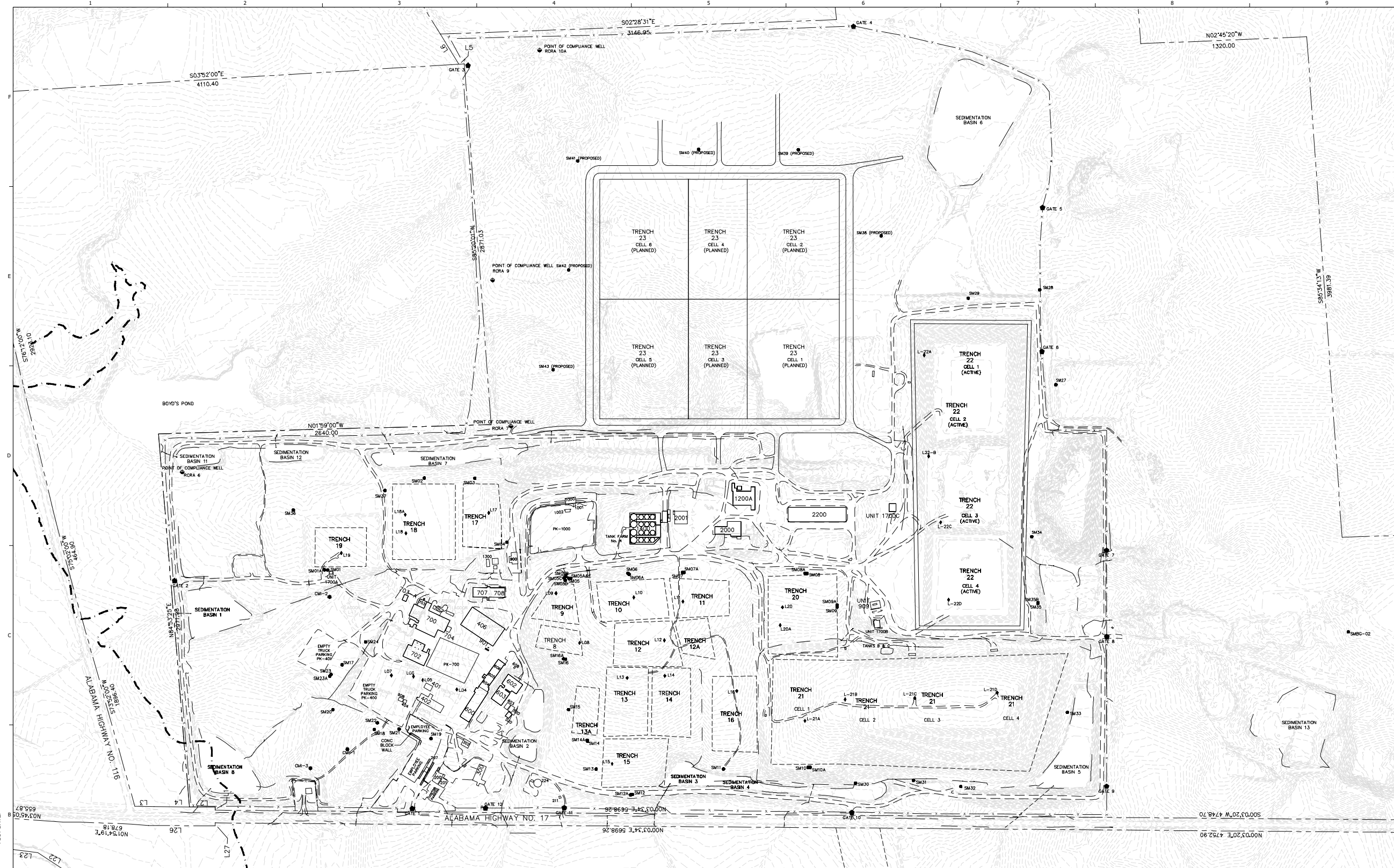


FIGURE B-4
 OPERATIONS FLOW SHEET

CREATED: 10/12/2020
 LAST SAVED: 12/12/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

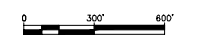


CREATED: 10/1/2020
 LAST SAVED: 3/22/2022
 BY: KARINA
 PLOT DATE: 7/21/2022

UNIT IDENTIFICATION LEGEND			
NO.	IDENTIFICATION	NO.	IDENTIFICATION
200	ADMINISTRATIVE OFFICE	*☆ 600	TANK MANAGEMENT UNIT
201	ADMINISTRATIVE OFFICE	*☆ 602	CONTAINER STORAGE UNIT
207	GUARD HOUSE/SCALES	*☆ 603	CONTAINER STORAGE UNIT
224	FIRE SYSTEM PUMP HOUSE/TANK	*☆ 604	CONTAINER MANAGEMENT UNIT
300	HEAVY EQUIPMENT MAINT.	605	CENTRAL INVENTORY
302	DOCUMENT STORAGE	606	FACILITY MAINTENANCE SHOP
401	PAINT & WASH BUILDING	608	C.I. FLAMMABLE STORAGE BUILDING
402	TRANSPORTATION SHOP	*☆ 700	CONTAINER MANAGEMENT UNIT
404	SHOWER, LOCKER FACILITY & CAFETERIA	*☆ 701	OPERATION OFFICE
*☆ 406	CONTAINER STORAGE UNIT	*☆ 702	CONTAINER MANAGEMENT UNIT
*☆ 520	CONTAINER AND TANK MANAGEMENT UNIT	*☆ 703	CONTAINER MANAGEMENT UNIT
		*☆ 703A	TANK MANAGEMENT UNIT (INACTIVE)
		*☆ 703A	CONTAINER MANAGEMENT UNIT
		704	AIR COMPRESSOR BUILDING
		707	CONSOLIDATED TECH SERVICES BLDG.
		708	LABORATORY & TANK STORAGE UNIT
		900	WHEEL WASH & TANK STORAGE UNIT
		901	REFUELING STATION
		908	TRANSPORTATION FUELING
		909	HEAVY EQUIPMENT FUELING
		1000	BULK SAMPLING STATION
		1001	UNIT 1000 BREAKROOM/OFFICE/LAB
		1002	UNIT 1000 SHED
		*☆ 1200A	CONTAINMENT BUILDING/ CONTAINER & TANK MANAGEMENT UNIT
		1300	WHEEL WASH CLEAN WATER STORAGE
		1400	TANK MANAGEMENT UNIT
		*☆ 1700	LEACHATE TANK STORAGE UNITS (MULTIPLE LOCATIONS - A, B & C)
		*☆ 2000	CONTAINER MANAGEMENT UNIT
		2001	LEACHATE TREATMENT PLANT
		*☆ 2200	CONTAINER STORAGE UNIT
		* TSCA REGULATED UNIT	
		*☆ TSCA REGULATED UNIT - LOADING STATION ONLY	
		*☆ RCRA REGULATED UNIT	

LEGEND	
---	100YR FLOOD PLAIN
---	BUILDING/SOLID WASTE MANAGEMENT UNIT
---	CLOSED LANDFILL/LAGOON
---	ACTIVE LANDFILL
⊙	SITE BENCHMARK
---	SEDIMENTATION BASIN/DRAINAGE DITCH
---	PROPERTY LINE
---	FENCE
●	SM23 SHALLOW MONITORING WELL LOCATION
⊙	RCRA BR RCRA MONITORING WELL LOCATION (EUTAW AQUIFER)
⊙	L-21B LEACHATE RISER WELL LOCATION
⊙	CMI-1 CMI PLAN SENTRY WELL LOCATION

- NOTES:
- TOPOGRAPHIC SURVEY FLOWN BY SOUTHERN RESOURCES MAPPING DATED 1/19/2020 AND 5/14/2020.
 - FEMA 100 YEAR FLOOD PLAIN FIRM #01119C0075D EFFECTIVE 4/3/2012.



NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: D3279702

DATE: AUGUST 2022

DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE: FACILITY LAYOUT

SHEET: 0100-020-001

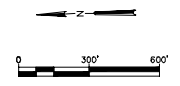


CREATED: 11/7/2020
 LAST SAVED: 12/20/2021
 BY: KARINA
 PLOT DATE: 7/21/2022

UNIT IDENTIFICATION LEGEND			
NO.	IDENTIFICATION	NO.	IDENTIFICATION
200	ADMINISTRATIVE OFFICE	*★ 600	TANK MANAGEMENT UNIT
201	ADMINISTRATIVE OFFICE	*★ 602	CONTAINER STORAGE UNIT
203	STORAGE HOUSE	*★ 603	CONTAINER STORAGE UNIT
207	GUARD HOUSE/SCALES	*★ 604	CONTAINER MANAGEMENT UNIT
224	FIRE SYSTEM PUMP HOUSE/TANK	605	CENTRAL INVENTORY
300	HEAVY EQUIPMENT MAINT.	606	FACILITY MAINTENANCE SHOP
302	DOCUMENT STORAGE	608	C.I. FLAMMABLE STORAGE BUILDING
401	PAINT & WASH BUILDING	*★ 700	CONTAINER MANAGEMENT UNIT
402	TRANSPORTATION SHOP	701	OPERATION OFFICE
404	SHOWER, LOCKER FACILITY & CAFETERIA	*★ 702	CONTAINER MANAGEMENT UNIT
*★ 406	CONTAINER STORAGE UNIT	*★ 703	ORGANIC CONTAINER & TANK MANAGEMENT UNIT (INACTIVE)
*★ 520	CONTAINER AND TANK MANAGEMENT UNIT	*★ 703A	MANAGEMENT UNIT
		704	AIR COMPRESSOR BUILDING
		707	CONSOLIDATED TECH SERVICES BLDG.
		*★ 708	LABORATORY & TANK STORAGE UNIT
*★ 900	WHEEL WASH & TANK STORAGE UNIT		
901	REFUELING STATION		
908	TRANSPORTATION FUELING		
909	HEAVY EQUIPMENT FUELING		
1000	BULK SAMPLING STATION		
1001	UNIT 1000 BREAKROOM/OFFICE/LAB		
1002	UNIT 1000 SHED		
*★ 1200A	CONTAINMENT BUILDING/ CONTAINER & TANK MANAGEMENT UNIT		
1300	WHEEL WASH CLEAN WATER STORAGE		
*★ 1400	TANK MANAGEMENT UNIT		
*★ 1700	LEACHATE TANK STORAGE UNITS (MULTIPLE LOCATIONS - A, B & C)		
*★ 2000	CONTAINER MANAGEMENT UNIT		
2001	LEACHATE TREATMENT PLANT		
*★ 2200	CONTAINER STORAGE UNIT		
		*★ TSCA REGULATED UNIT	
		*★ TSCA REGULATED UNIT - LOADING STATION ONLY	
		*★ RCRA REGULATED UNIT	

LEGEND	
---	100YR FLOOD PLAIN
---	BUILDING/SOLID WASTE MANAGEMENT UNIT
---	CLOSED LANDFILL/LAGOON
---	ACTIVE LANDFILL
●	SITE BENCHMARK
---	SEDIMENTATION BASIN/DRAINAGE DITCH
---	PROPERTY LINE
---	FENCE
●	SHALLOW MONITORING WELL LOCATION
●	RCRA MONITORING WELL LOCATION (EUTAW AQUIFER)
●	LEACHATE RISER WELL LOCATION
●	CM1 PLAN SENTRY WELL LOCATION
---	ACTIVE PIPE CHASE
---	INACTIVE PIPE CHASE

NOTES:
 1. TOPOGRAPHIC SURVEY FLOWN BY SOUTHERN RESOURCES MAPPING DATED 1/19/2020 AND 5/14/2020.
 2. FEMA 100 YEAR FLOOD PLAIN FIRM #0119C0075D EFFECTIVE 4/3/2012.



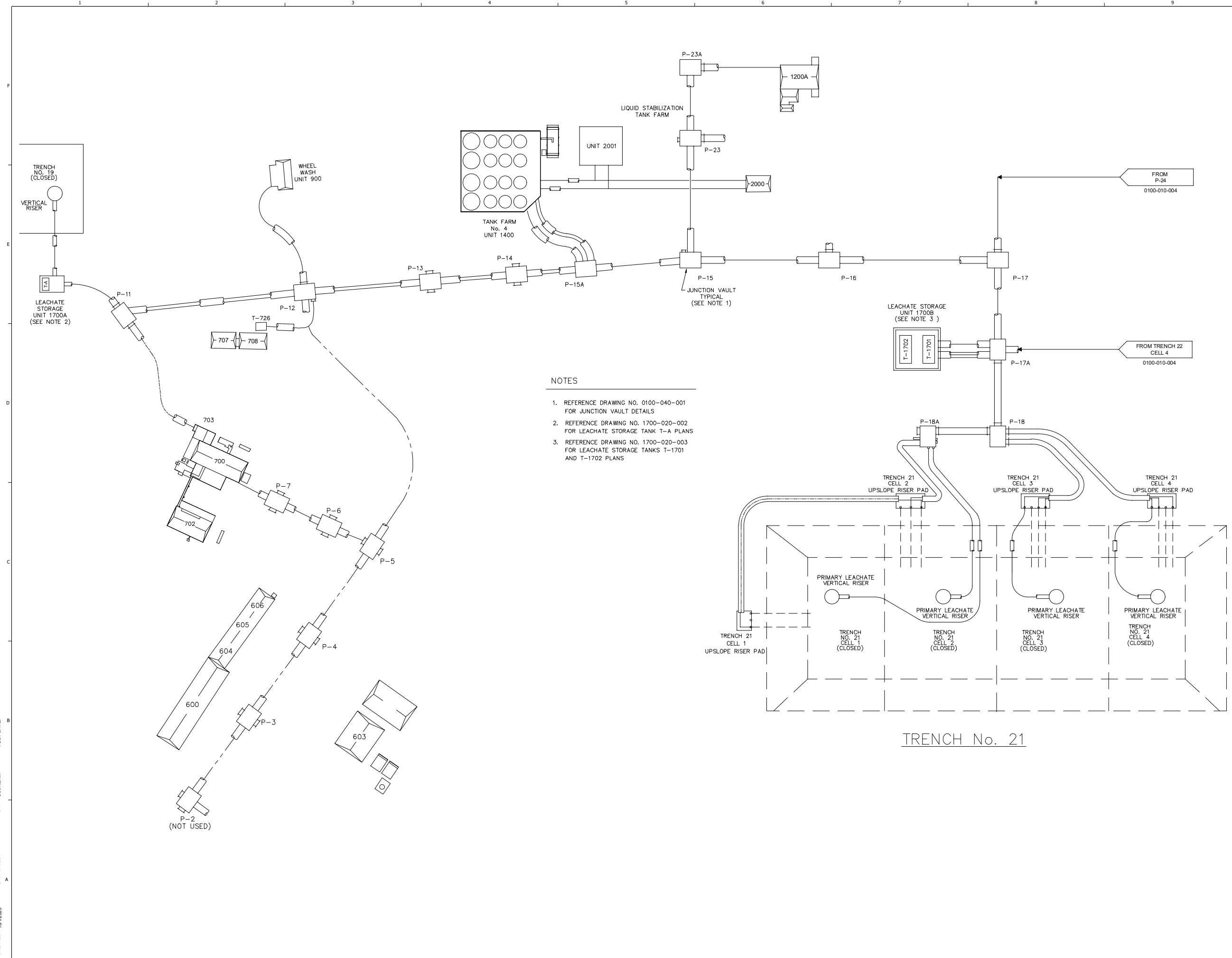
NO.	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE: UNDERGROUND PIPE CHASE
 SHEET: 0100-020-002



REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

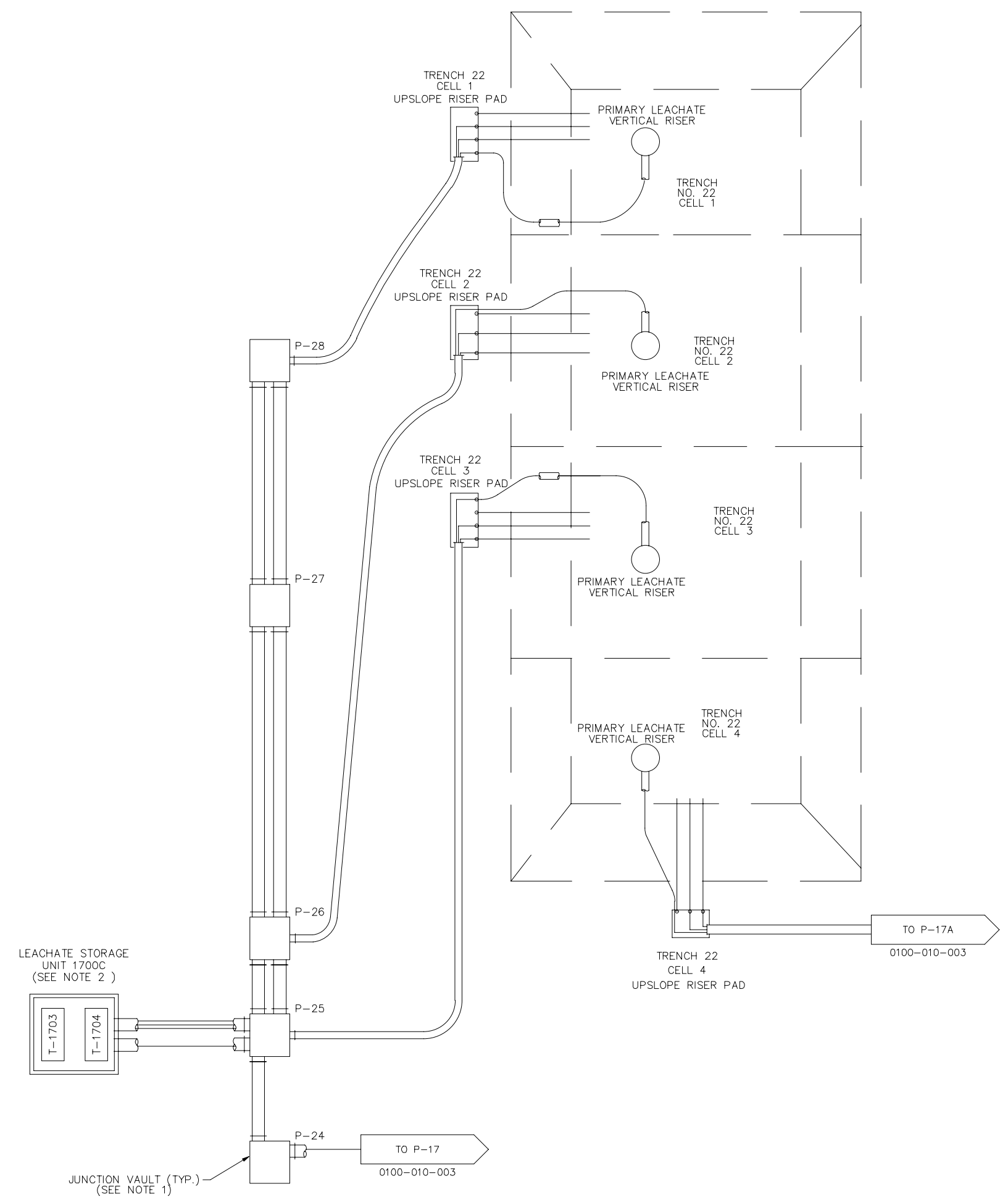


- NOTES
1. REFERENCE DRAWING NO. 0100-040-001 FOR JUNCTION VAULT DETAILS
 2. REFERENCE DRAWING NO. 1700-020-002 FOR LEACHATE STORAGE TANK T-A PLANS
 3. REFERENCE DRAWING NO. 1700-020-003 FOR LEACHATE STORAGE TANKS T-1701 AND T-1702 PLANS

CREATED: 10/12/2020
 LAST SAVED: 1/26/2021
 BY: COSNERM
 PLOT DATE: 7/21/2022



TRENCH No. 22



NOTES

1. REFERENCE DRAWING NO. 0100-040-001 FOR JUNCTION VAULT DETAILS
2. REFERENCE DRAWING NO. 1700-020-004 FOR LEACHATE STORAGE TANK T-1703 AND T-1704 PLANS.

NO.	DATE	REVISION DESCRIPTION
1.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 UNDERGROUND PIPE CHASE LAYOUT SCHEMATIC DIAGRAM
 SHEET 0100-010-004

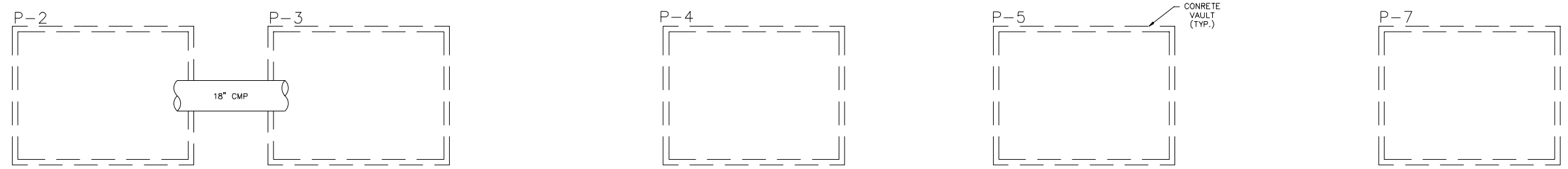
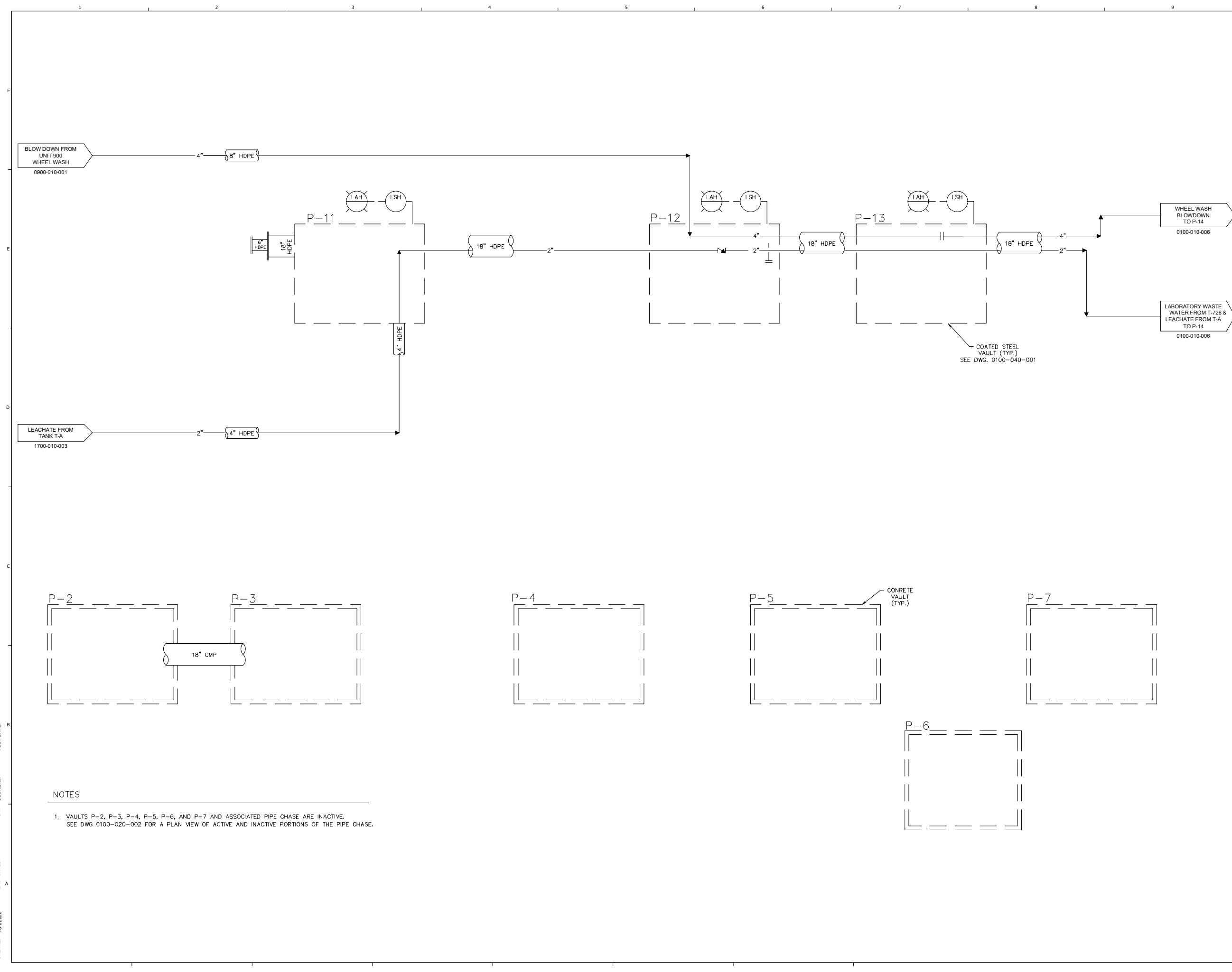
CREATED: 10/12/2020
 LAST SAVED: 12/12/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUMTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



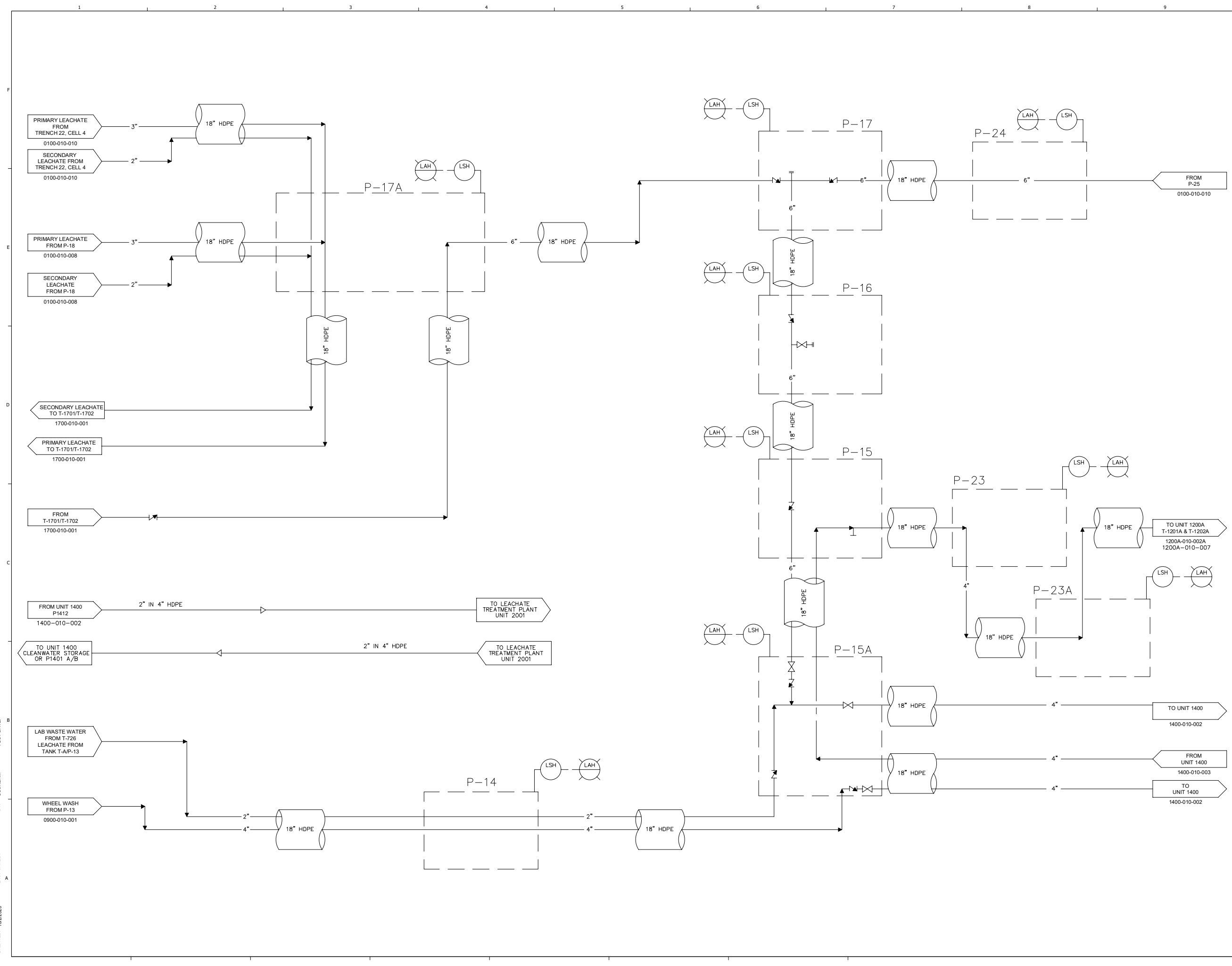
- NOTES**
- VAULTS P-2, P-3, P-4, P-5, P-6, AND P-7 AND ASSOCIATED PIPE CHASE ARE INACTIVE. SEE DWG 0100-020-002 FOR A PLAN VIEW OF ACTIVE AND INACTIVE PORTIONS OF THE PIPE CHASE.

CREATED: 10/12/2020
 LAST SAVED: 12/12/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



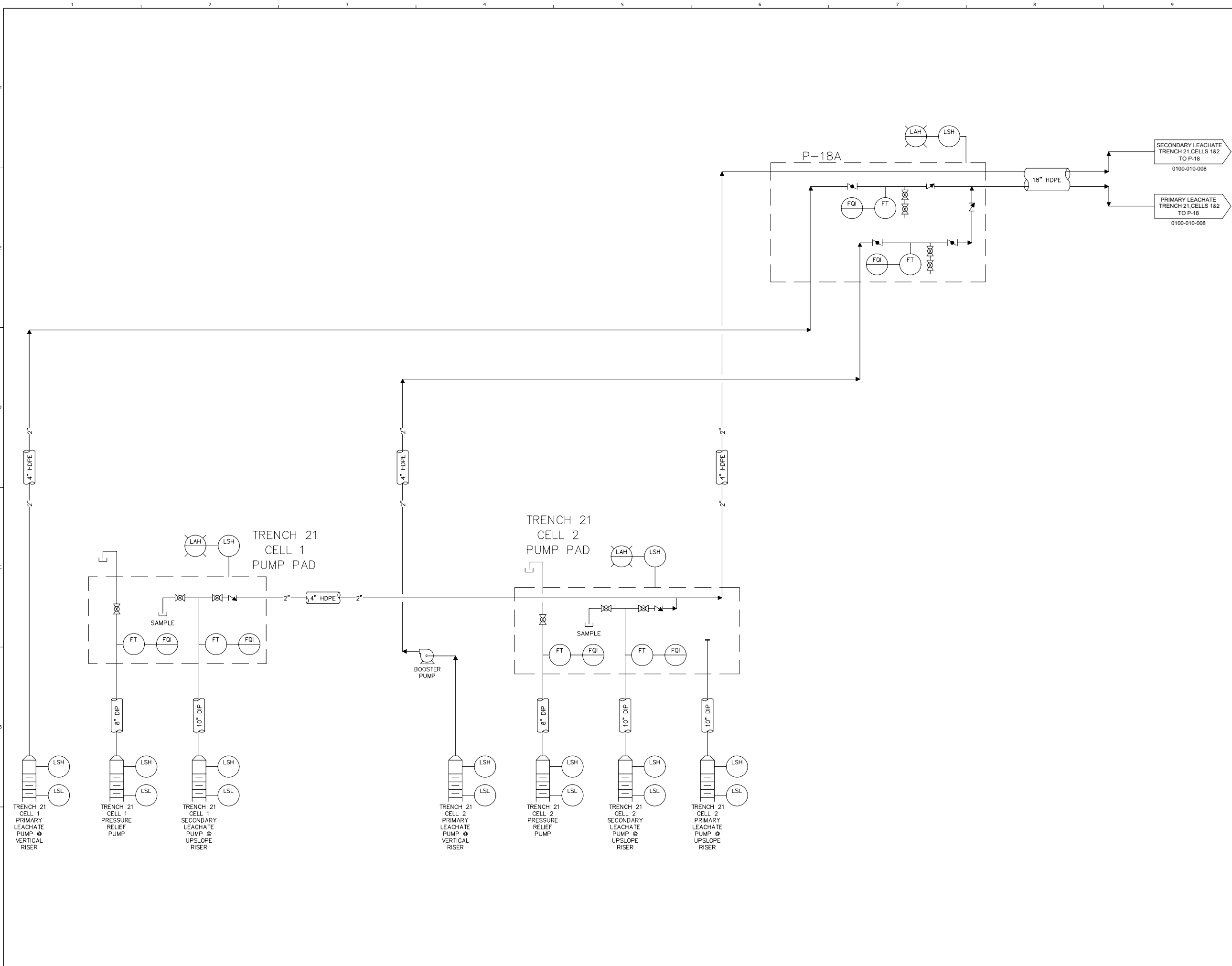
REV	DATE	REVISION DESCRIPTION
1.00	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 UNDERGROUND PIPE CHASE INTERMEDIATE LOCATIONS P&ID
 SHEET 0100-010-006



CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SWAYER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
001	08/22	RCRA PART B PERMIT RENEWAL

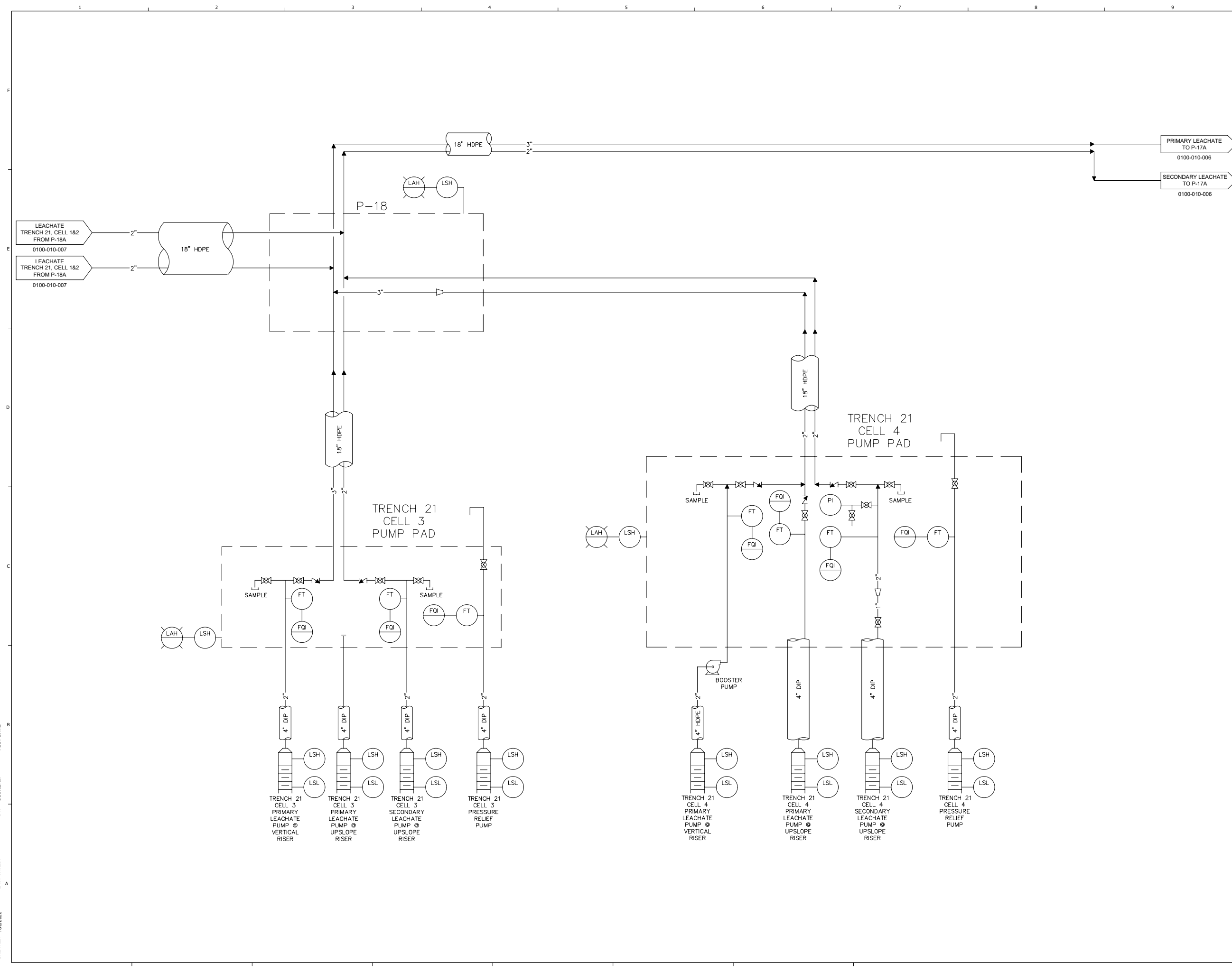
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 UNDERGROUND PIPE CHASE
 TRENCH 21, CELLS 1 & 2 - P&ID
 SHEET 0100-010-007



REV	DATE	REVISION DESCRIPTION
1.0	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

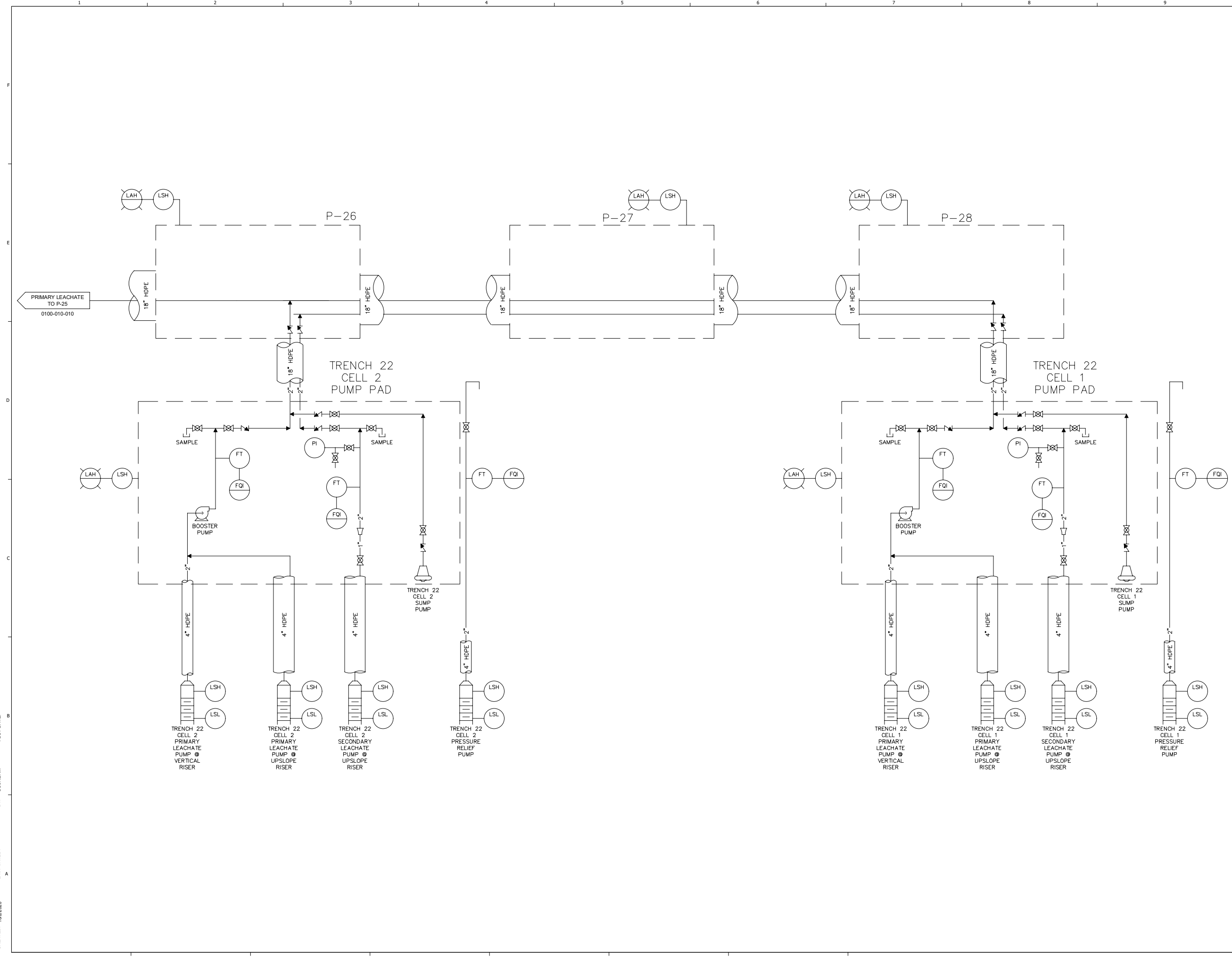
SHEET TITLE
 UNDERGROUND PIPE CHASE
 TRENCH 21, CELLS 3 & 4 - P&ID



CREATED: 10/22/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL



CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

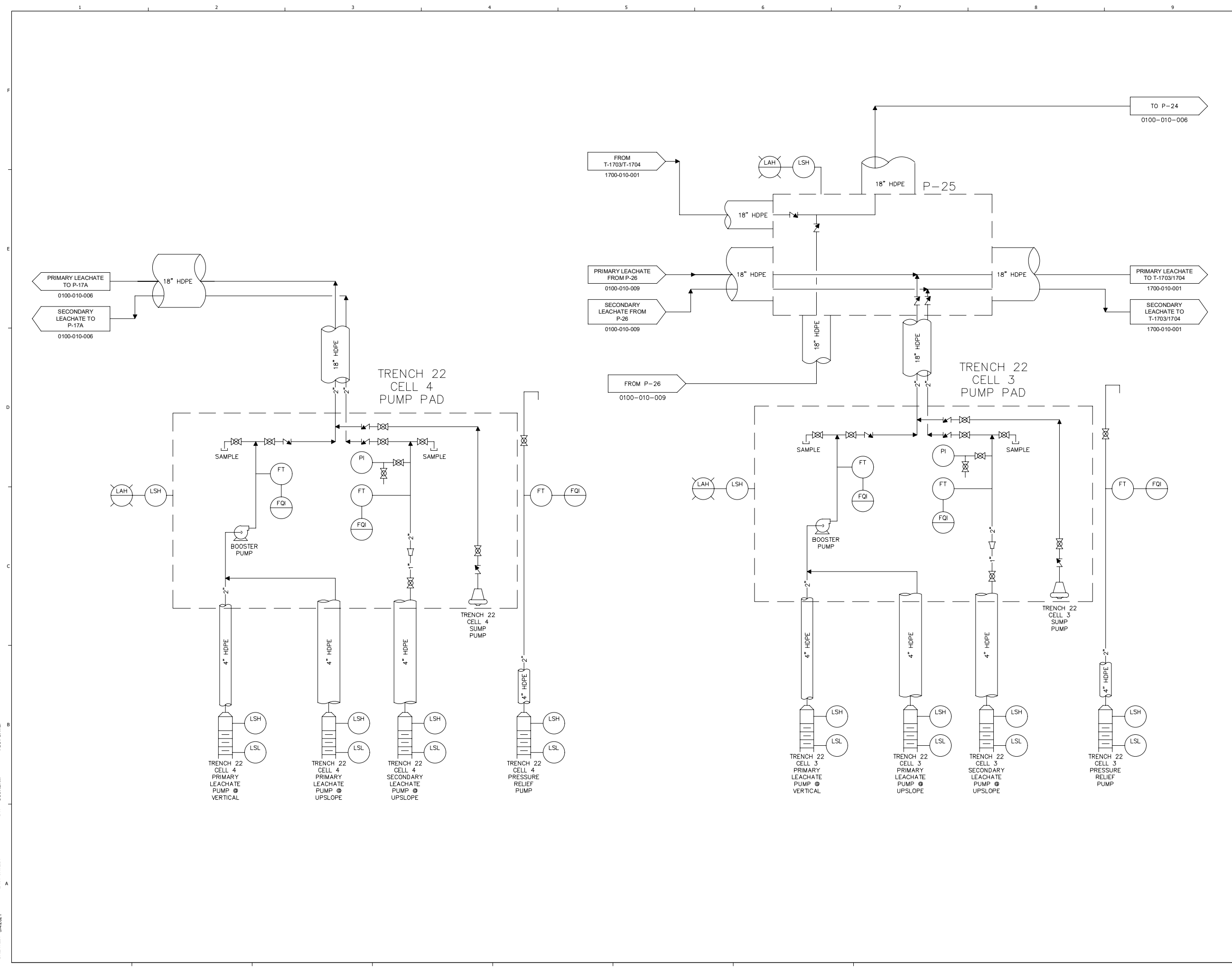
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 UNDERGROUND PIPE CHASE
 TRENCH 22, CELLS 1 & 2 - P&ID
 SHEET 0100-010-009



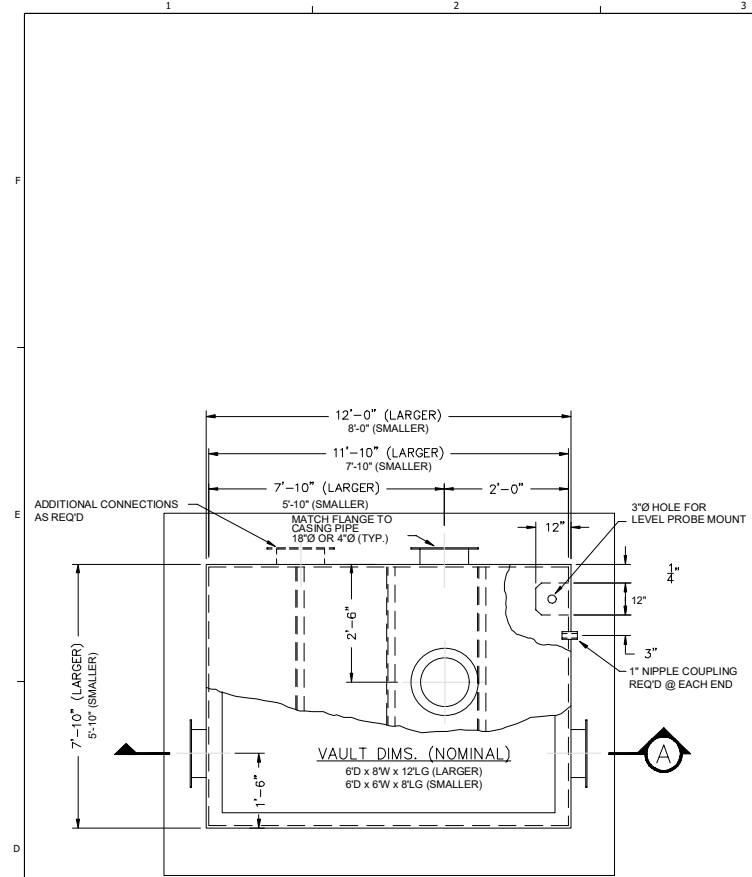
NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

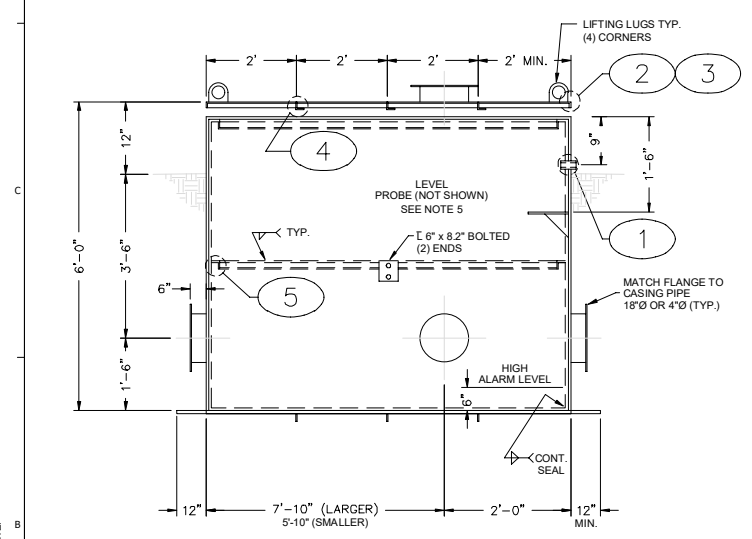
UNDERGROUND PIPE CHASE
 TRENCH 22, CELLS 3 & 4 - P&ID



CREATED: 3/4/2021
 LAST SAVED: 3/4/2021
 BY: COSNERM
 PLOT DATE: 7/21/2022



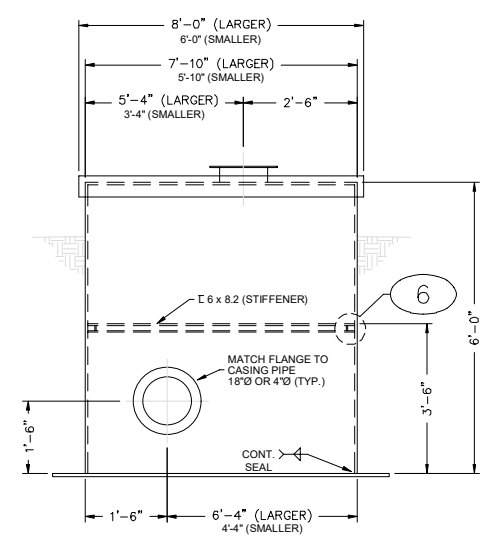
PLAN VIEW
 N.T.S.



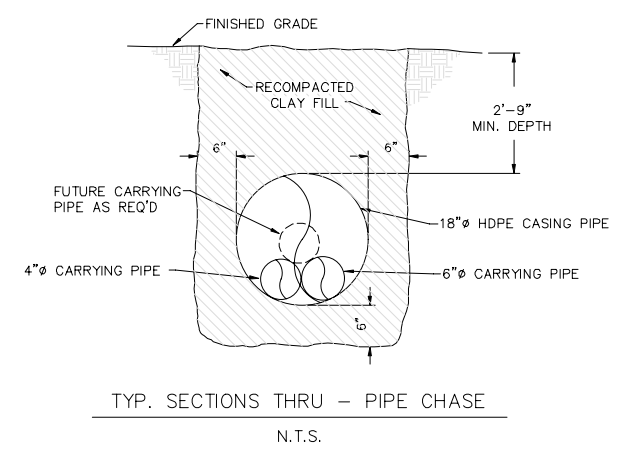
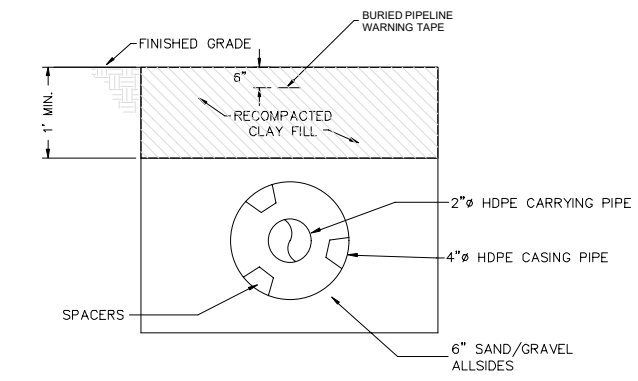
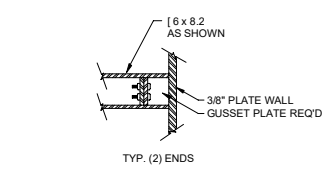
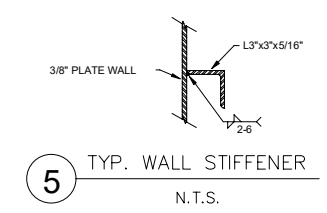
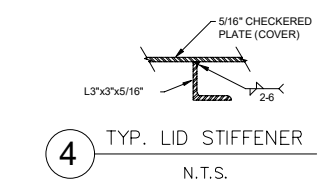
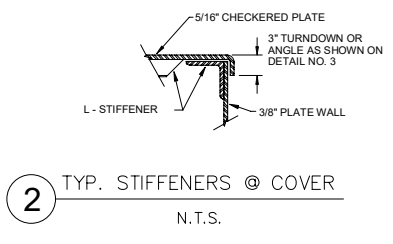
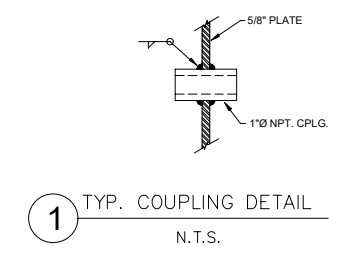
SECTION "A"
 N.T.S.

NOTES FOR JUNCTION VAULT

1. STEEL SHALL MEET OR EXCEED ASTM-A36 PROPERTIES.
2. EXTERIOR OF VAULTS SHALL BE COATED WITH 12 MILS (MIN.) OF COAL TAR EPOXY OR EQUIVALENT.
3. INTERIOR AND LID SHALL BE COATED WITH 2 COATS OF DEVCO CHEMFAST 5.47 EPOXY OR EQUIVALENT (SAFETY YELLOW) ON A PREPARED SURFACE AS RECOMMENDED BY MANUFACTURER.
4. HYDRAULICALLY TEST VAULTS FOR LEAKS PRIOR TO PAINTING.
5. INTRINSICALLY SAFE LEVEL PROBE SHALL BE INTER-LOCKED TO ALL PUMPS SUCH THAT ALL PUMPING IS SUSPENDED WHEN LIQUID IS DETECTED AT 6" ABOVE BOTTOM OF VAULTS.



END VIEW
 N.T.S.



REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 PLOT DATE: 7/21/2022
 BY: COSNERM



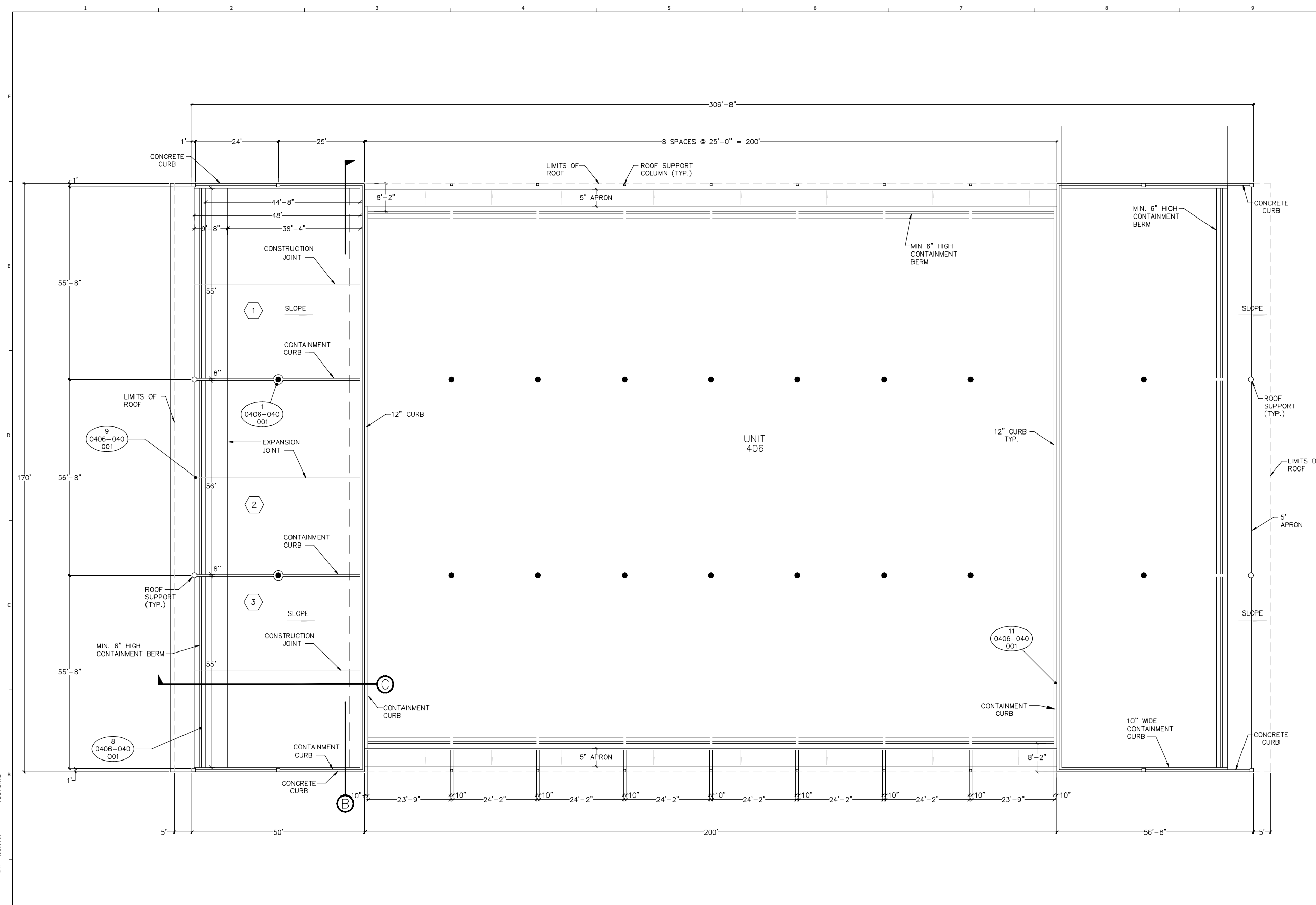
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER STORAGE UNIT 406 - PLAN VIEW

SHEET 0406-020-001



PLAN VIEW
 SCALE: 3/32" = 1'-0"

CREATED: 10/2/2020
 LAST SAVED: 3/22/2022
 BY: KARUNA
 PLOT DATE: 7/21/2022

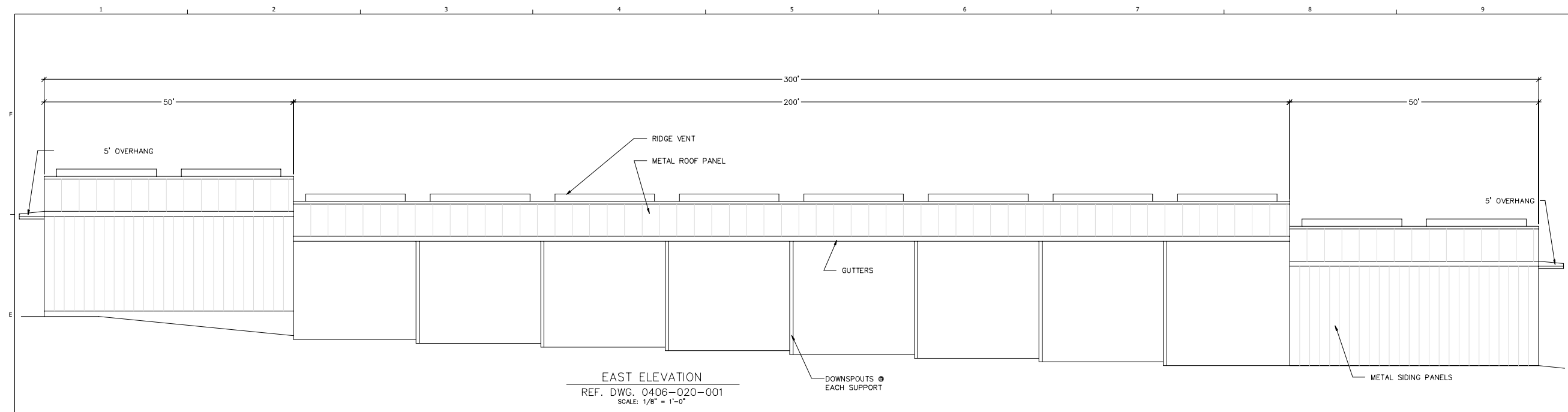


REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

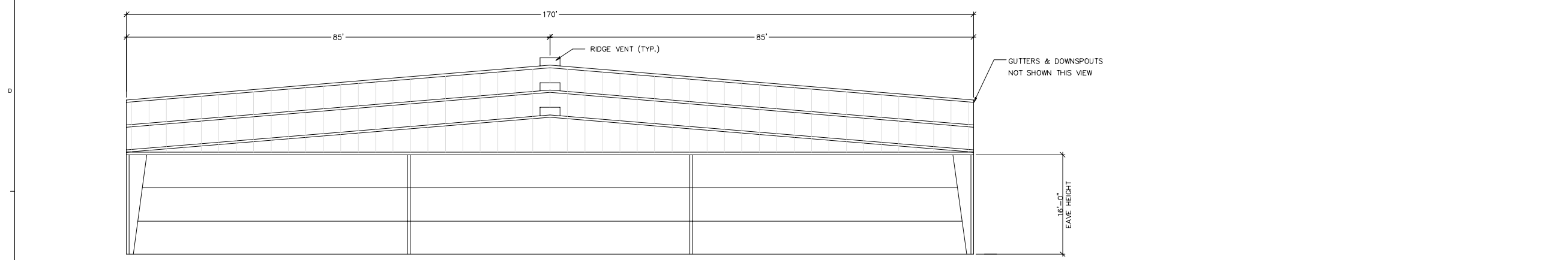
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE		
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.		
PROJECT NO: D3279702		
DATE: AUGUST 2022	DISC. LEAD: MTF	DESIGNER: RAK
		CHECKER: SBT
SHEET TITLE		

CONTAINER STORAGE UNIT 406 - SECTIONS

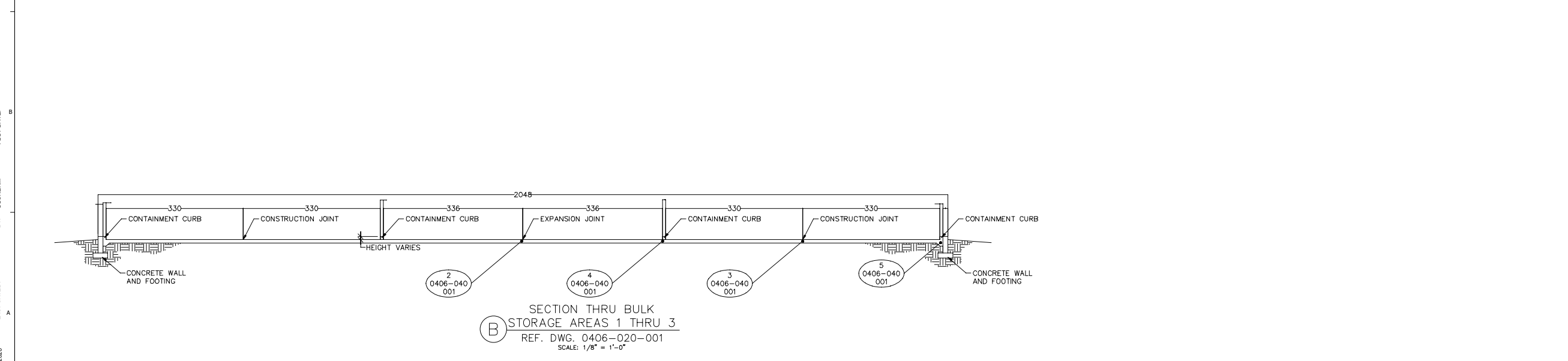
SHEET 0406-030-001



EAST ELEVATION
 REF. DWG. 0406-020-001
 SCALE: 1/8" = 1'-0"



NORTH ELEVATION
 REF. DWG. 0406-020-001
 SCALE: 1/8" = 1'-0"

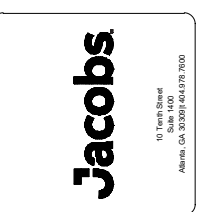
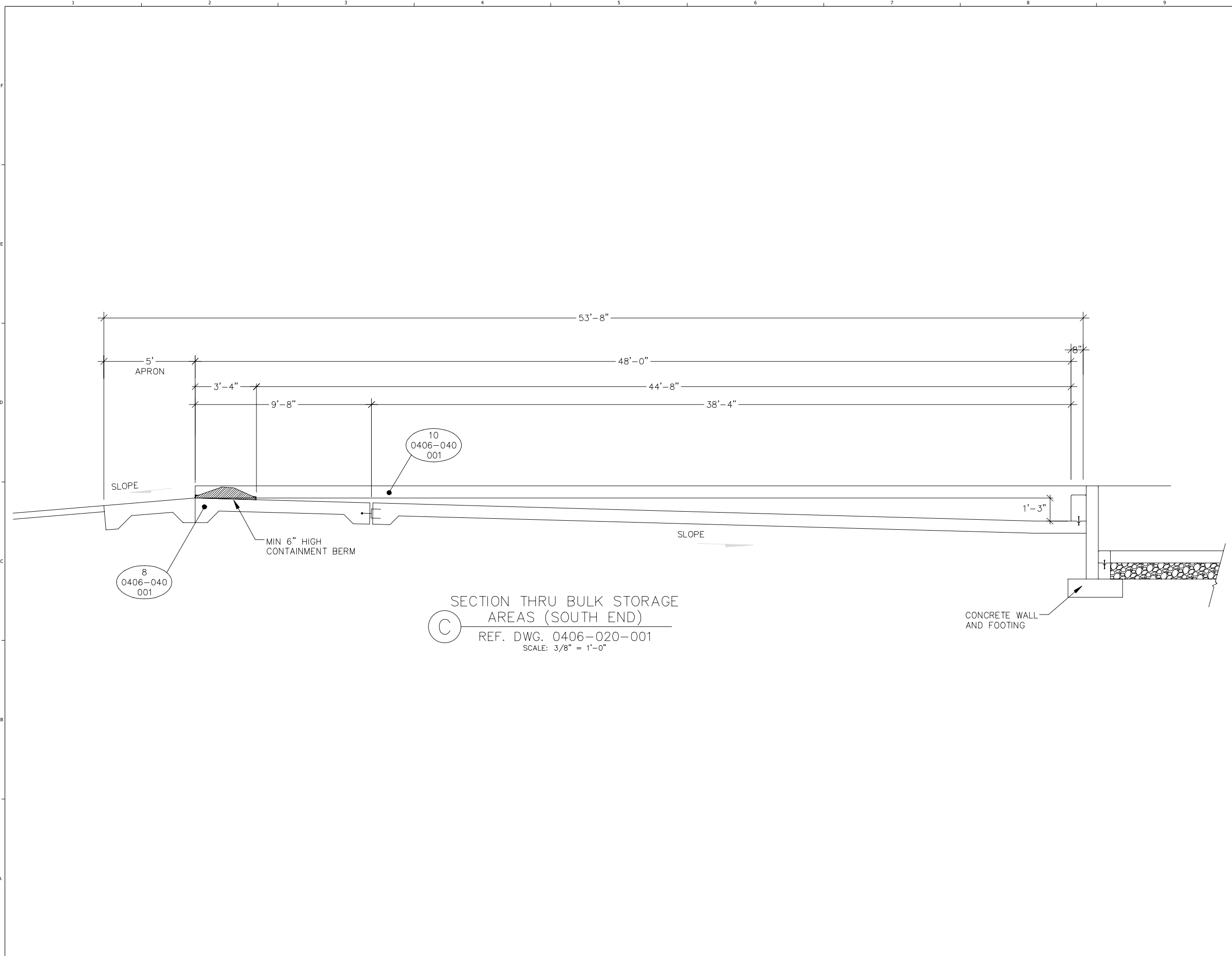


SECTION THRU BULK STORAGE AREAS 1 THRU 3
 REF. DWG. 0406-020-001
 SCALE: 1/8" = 1'-0"

CREATED: 10/2/2020
 LAST SAVED: 12/10/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

PORTIONS OF THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWING FURNISHED BY CWM DATED 8-21-84.

CREATED: 10/2/2020
LAST SAVED: 12/2/2020
BY: COSNERM
PLOT DATE: 7/21/2022



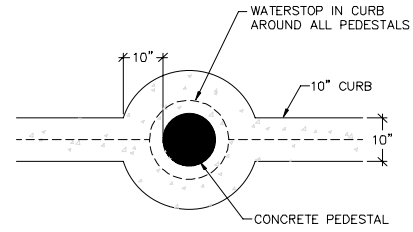
NOT RELEASED FOR CONSTRUCTION



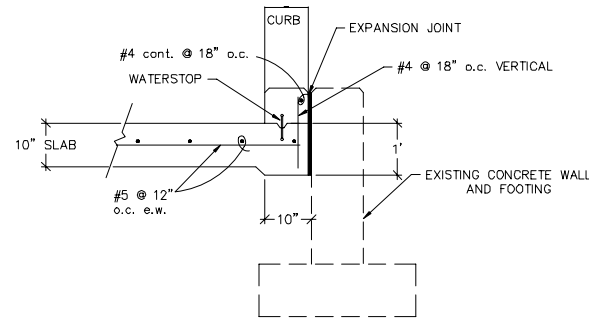
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

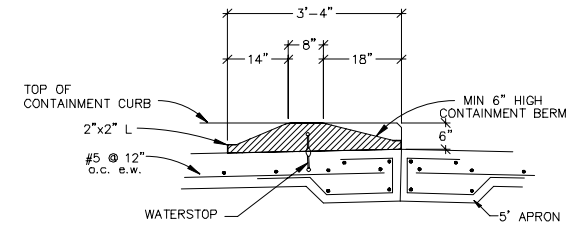
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER STORAGE UNIT 406 - SECTIONS
 SHEET 0406-030-002



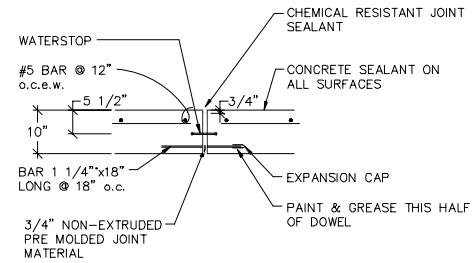
1 CONTAINMENT CURB PLAN DETAIL
REF. DWG. 0406-020-001
SCALE: 3/4" = 1'-0"



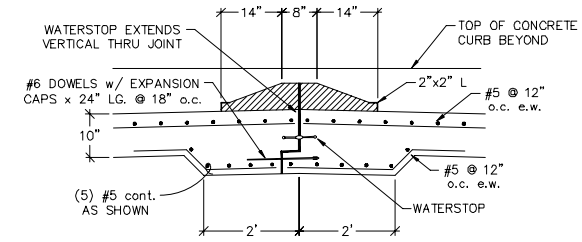
5 CONTAINMENT CURB DETAIL
REF. DWG. 0406-030-001
SCALE: 3/4" = 1'-0"



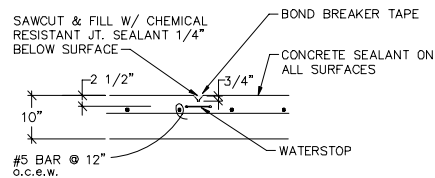
8 CONTAINMENT BERM DETAIL
REF. DWG. 0406-020-001
SCALE: 3/4" = 1'-0"



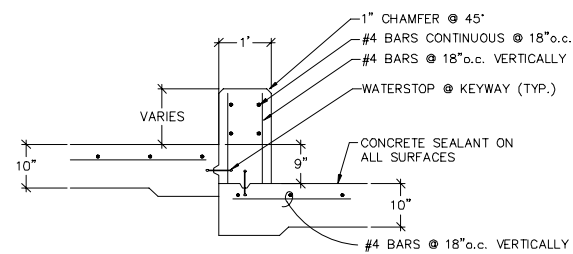
2 EXPANSION JOINT DETAIL
REF. DWG. 0406-030-001
SCALE: 3/4" = 1'-0"



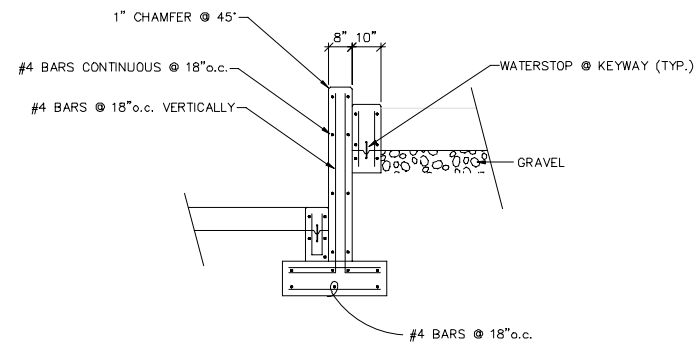
9 EXPANSION JOINT DETAIL
REF. DWG. 0406-030-001
SCALE: 3/4" = 1'-0"



3 CONSTRUCTION JOINT DETAIL
REF. DWG. 0406-030-001
SCALE: 3/4" = 1'-0"

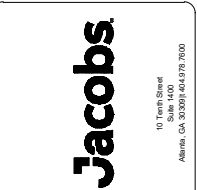


4 CONTAINMENT CURB DETAIL
REF. DWG. 0406-030-002
SCALE: 3/4" = 1'-0"



11 CURB AND WALL DETAIL
REF. DWG. 0406-020-001
SCALE: 1/2" = 1'-0"

CREATED: 10/2/2020
LAST SAVED: 12/12/2020
BY: COSNERM
PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
CHEMICAL WASTE MANAGEMENT INC.
EMELLE, ALABAMA TREATMENT FACILITY
SUTTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT
SHEET TITLE
CONTAINER STORAGE UNIT 406 - DETAILS
SHEET 0406-040-001

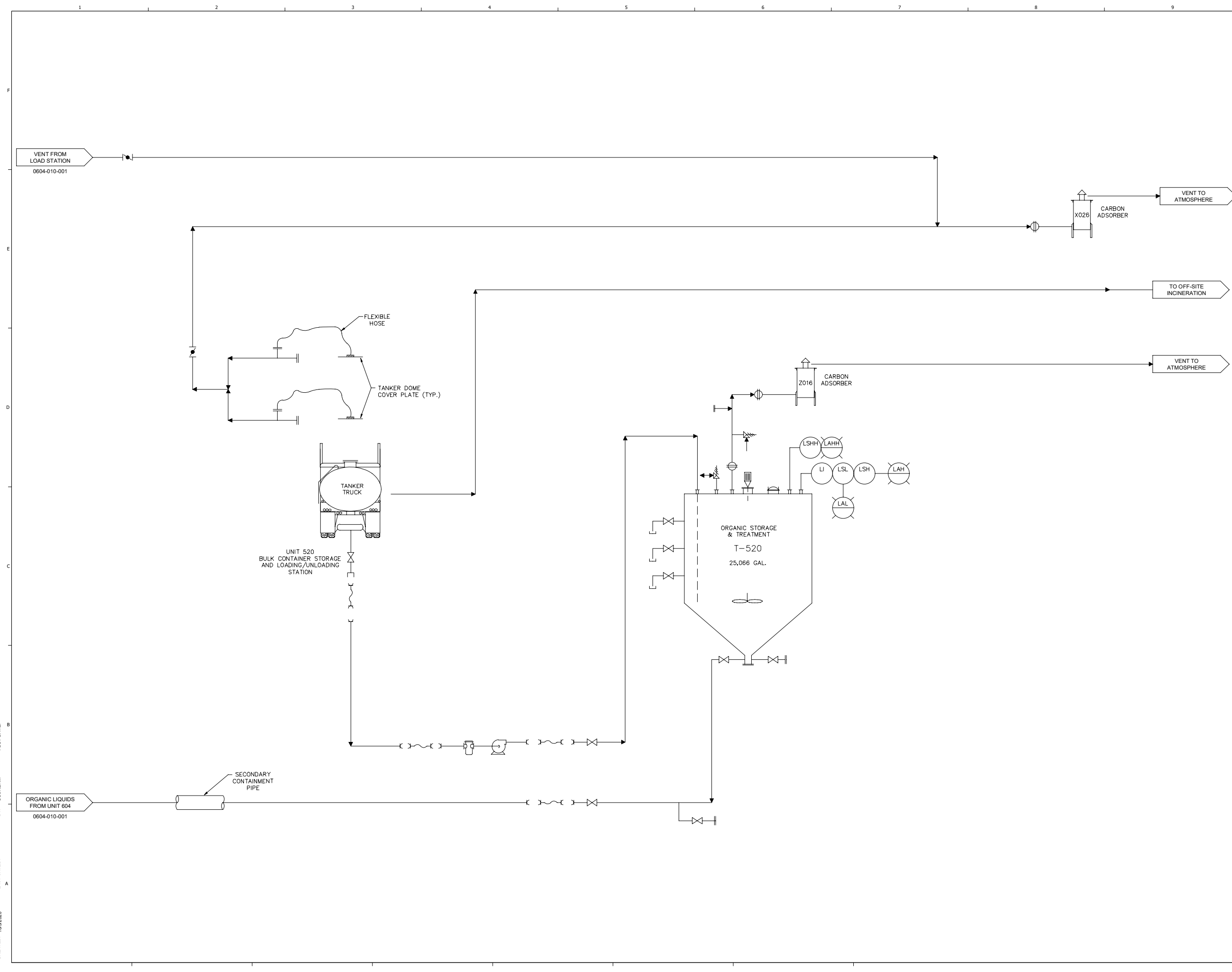
PORTIONS OF THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWING FURNISHED BY CWM DATED 8-21-84.



REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF DESIGNER: RAK CHECKER: SBT

SHEET TITLE
 CONTAINER AND TANK MANAGEMENT UNIT 520 - P&ID



CREATED: 10/3/2020
 LAST SAVED: 12/2/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

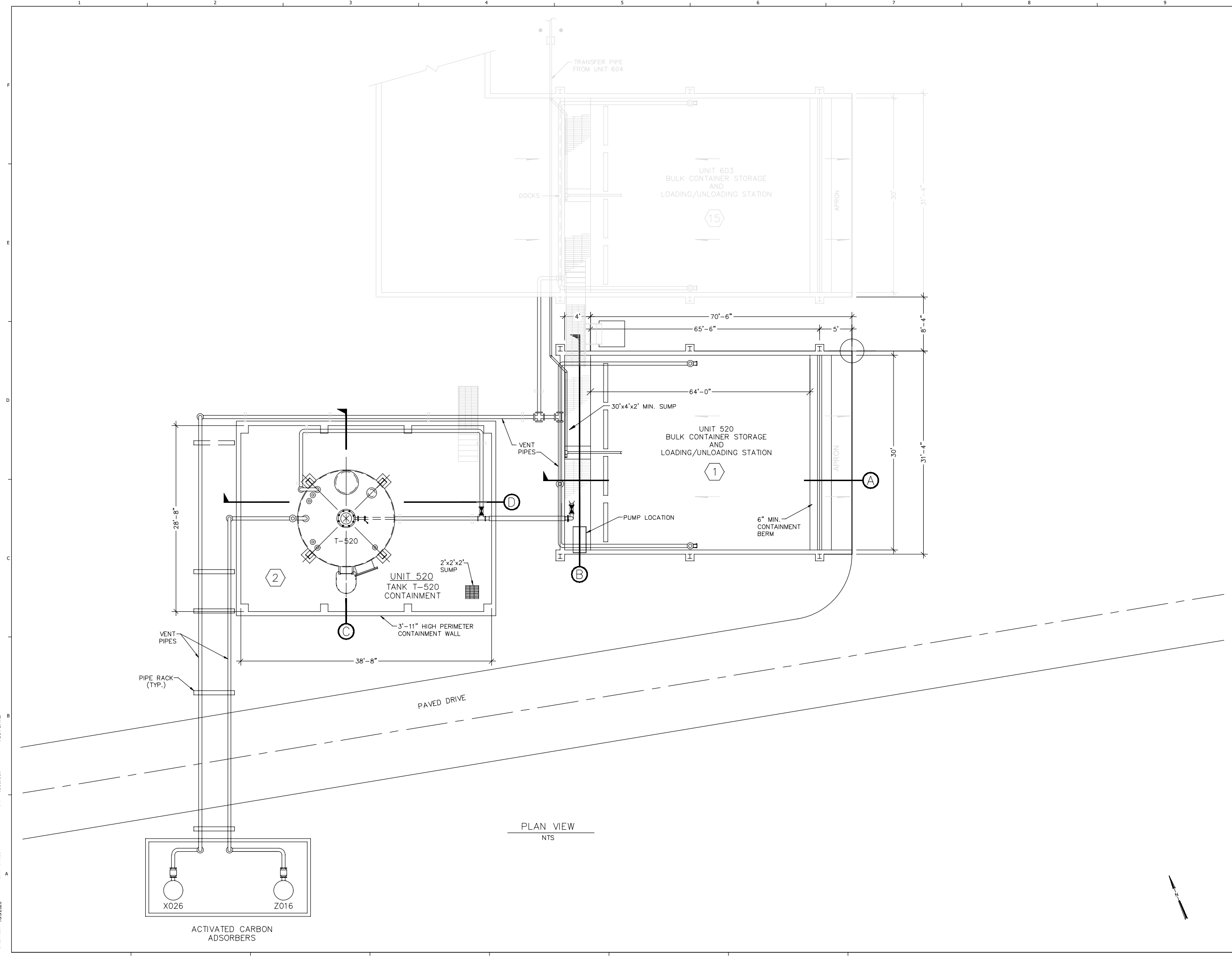


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

NO.	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

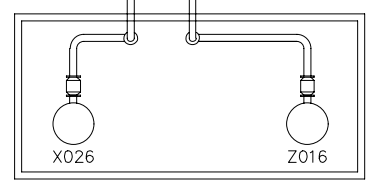
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO.: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER AND TANK MANAGEMENT UNIT 520 - PLAN VIEW

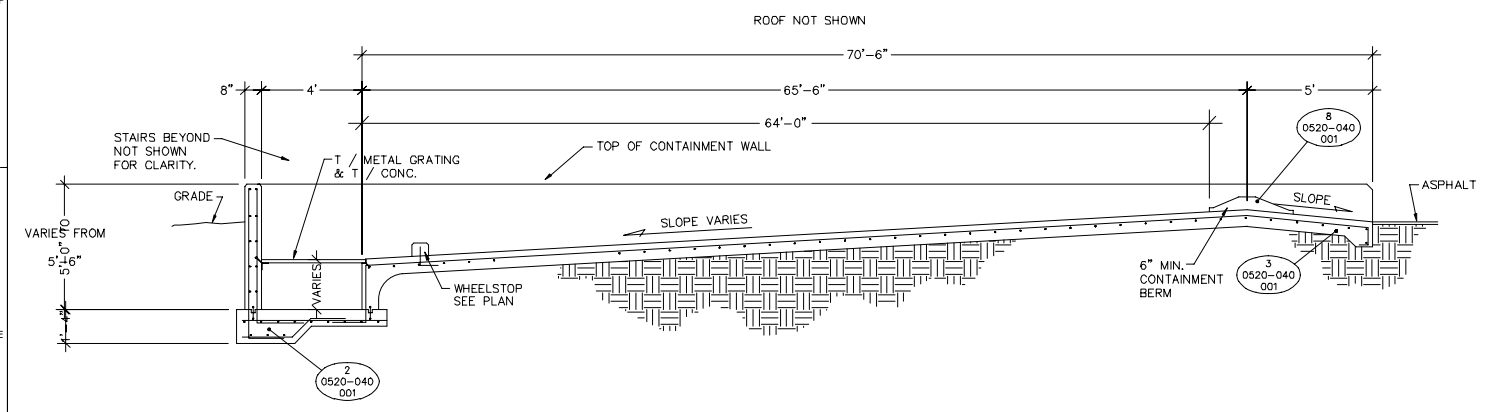


PLAN VIEW
 NTS

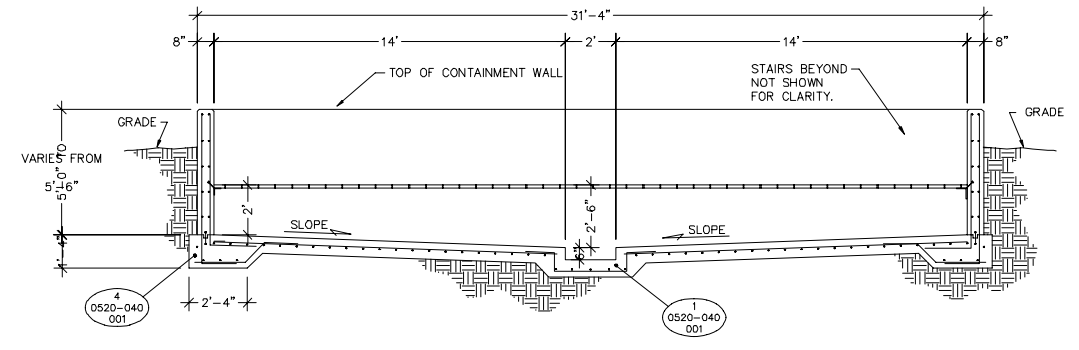
CREATED: 10/2/2020
 LAST SAVED: 3/22/2022
 BY: KARLARA
 PLOT DATE: 7/21/2022



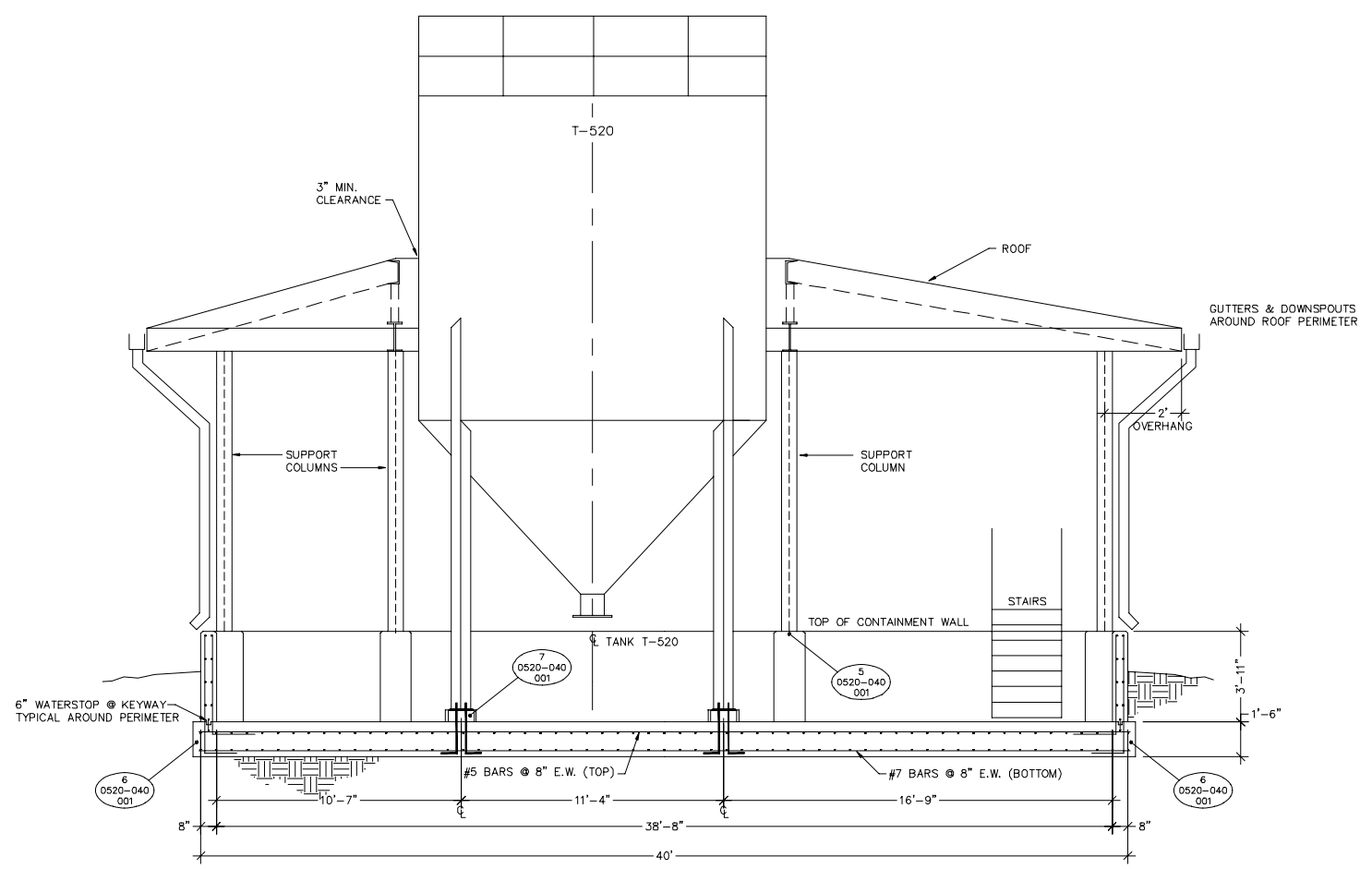
ACTIVATED CARBON ADSORBERS



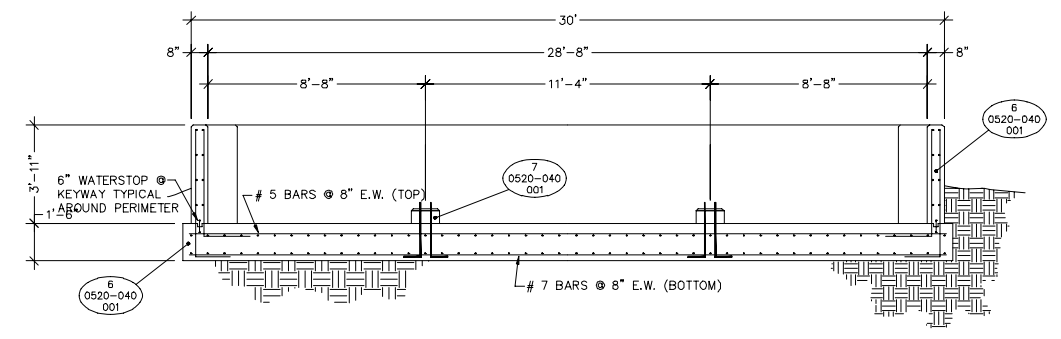
(A) SECTION THRU LOADING/UNLOADING AREA
 REF. DWG. 0520-020-001
 NTS



(B) SECTION THRU CONTAINMENT SUMP
 REF. DWG. 0520-020-001
 SCALE: 3/8" = 1'-0"



(D) SECTION THRU T-520 CONTAINMENT AREA
 REF. DWG. 0520-020-001
 SCALE: 3/8" = 1'-0"

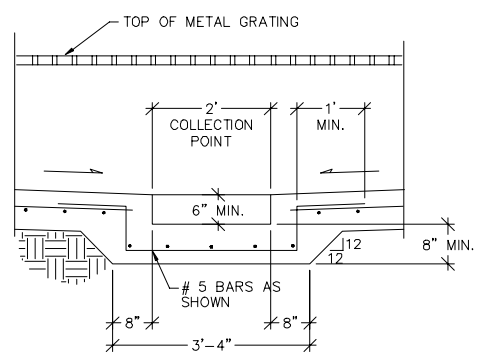


(C) SECTION THRU T-520 CONTAINMENT AREA
 REF. DWG. 0520-020-001
 SCALE: 3/8" = 1'-0"

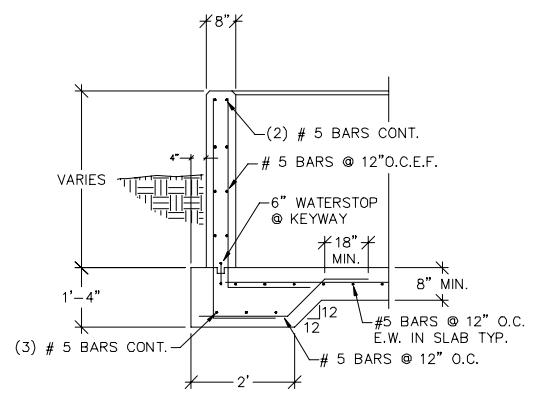
CREATED: 10/3/2020
 LAST SAVED: 12/15/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

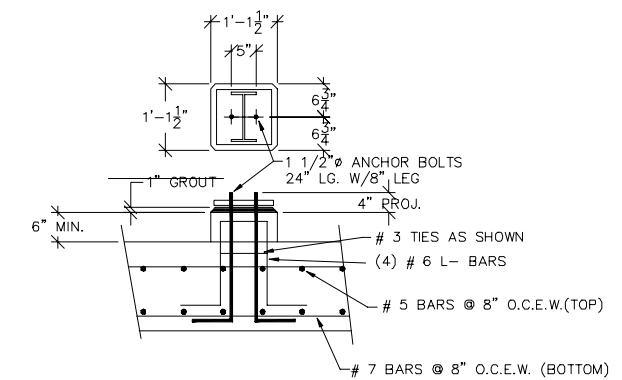
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



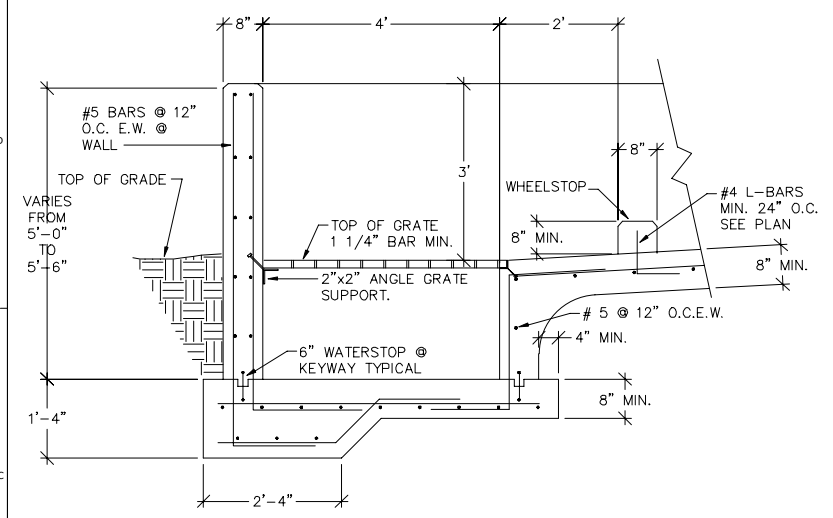
1 COLLECTION POINT IN SUMP
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"



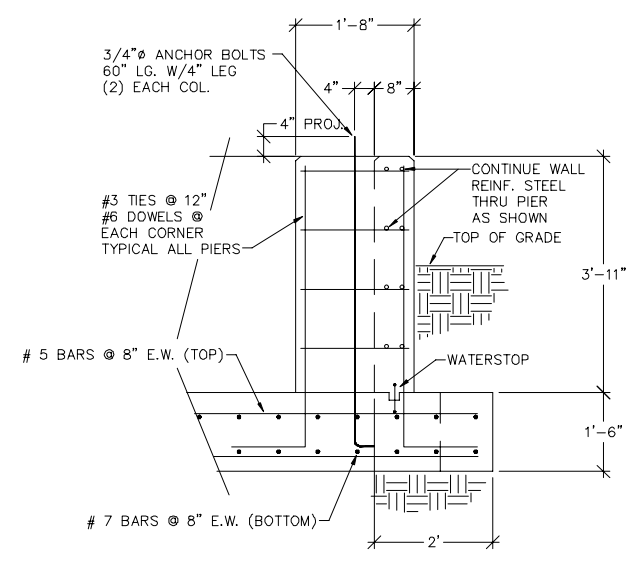
4 TYPICAL WALL SECTION
 REF. DWG. 0520-030-001
 SCALE: N.T.S.



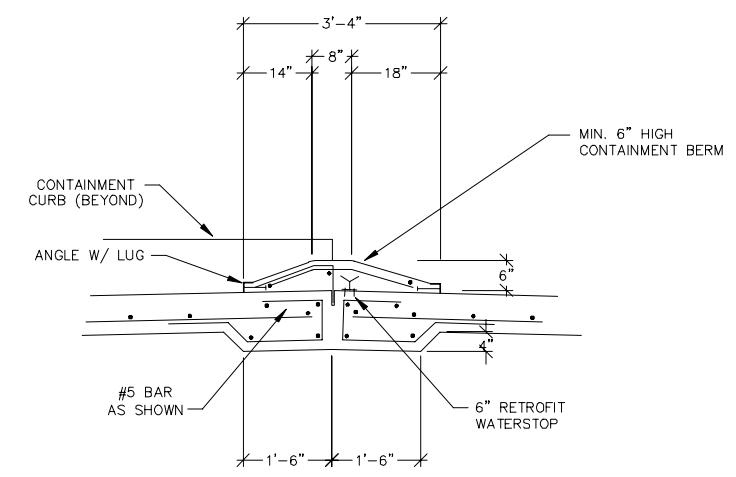
7 SECTION @
 TANK PEDESTAL DETAIL
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"



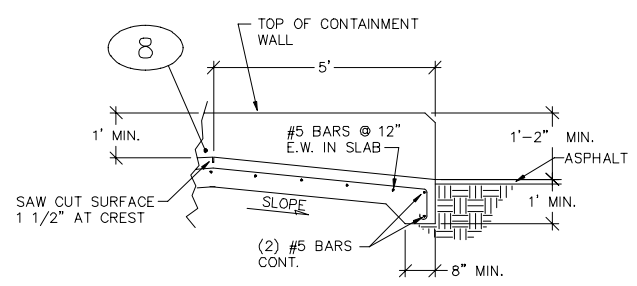
2 SECTION THRU
 CONTAINMENT SUMP
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"



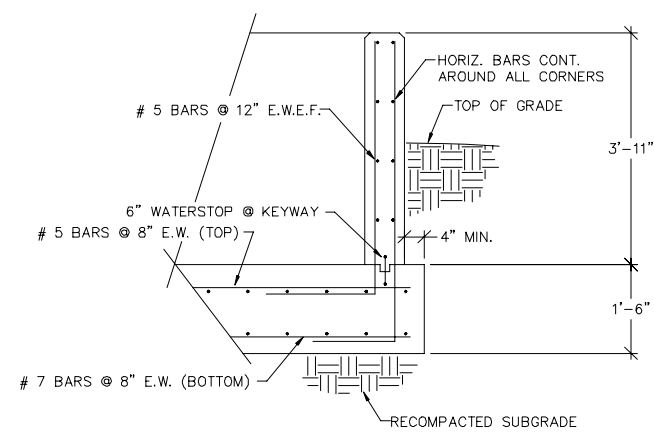
5 TYPICAL
 PIER AND FOOTING DETAIL
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"



8 CONTAINMENT BERM DETAIL
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"



3 APPROACH RAMP
 TURNDOWN DETAIL
 REF. DWG. 0520-030-001
 SCALE: N.T.S.

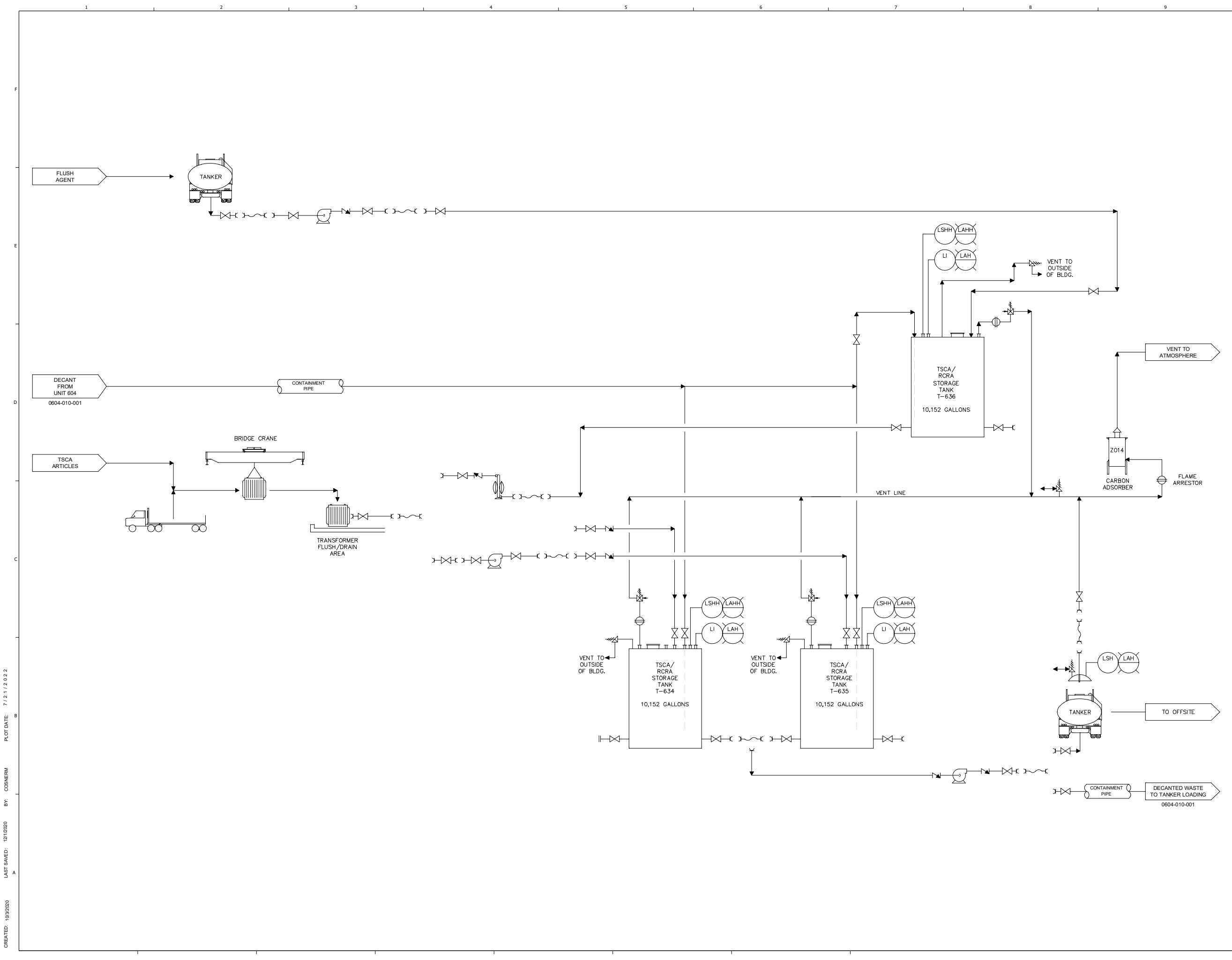


6 TYPICAL WALL SECTION
 REF. DWG. 0520-030-001
 SCALE: 3/4" = 1'-0"

CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
0.01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE DRAWING IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



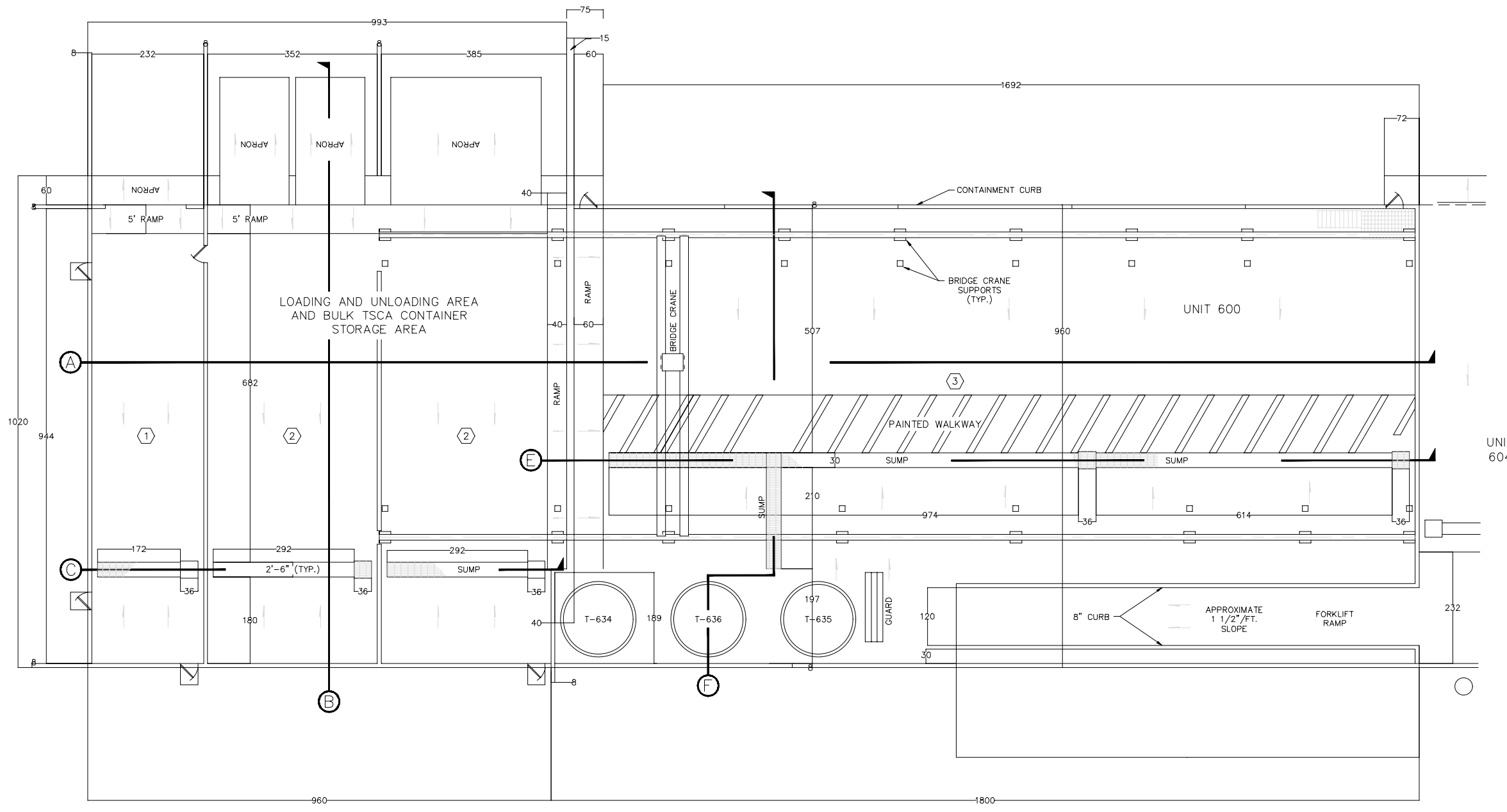
REV	DATE	REVISION DESCRIPTION
001	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER AND TANK MANAGEMENT UNIT 600 - P&ID
 SHEET 0600-010-001

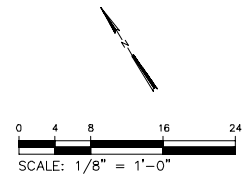
CREATED: 10/3/2020
 LAST SAVED: 12/1/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUMTER COUNTY, AL



PLAN VIEW
 SCALE: 1/8" = 1'-0"



REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT REVISION

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER AND TANK
 MANAGEMENT UNIT 600 - PLAN
 VIEW

SHEET 0600-020-001

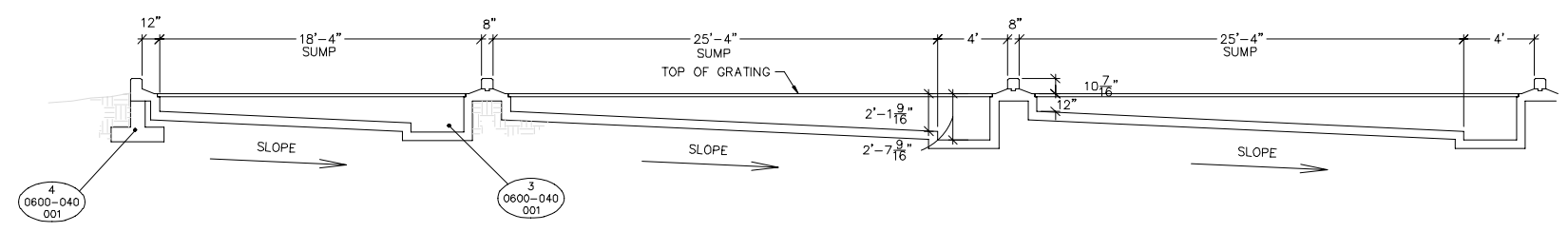
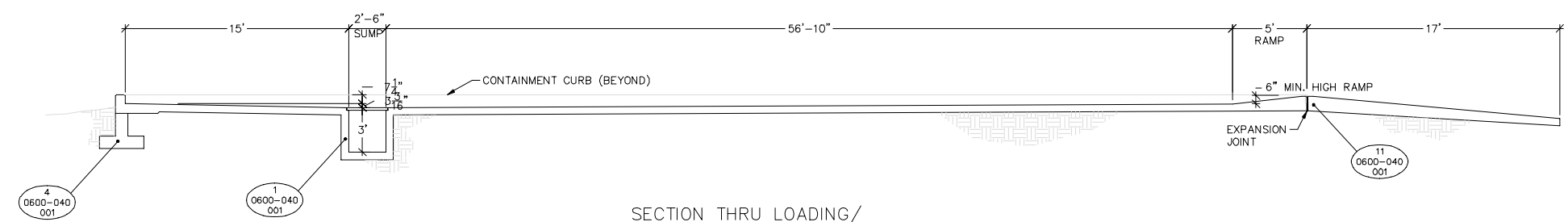
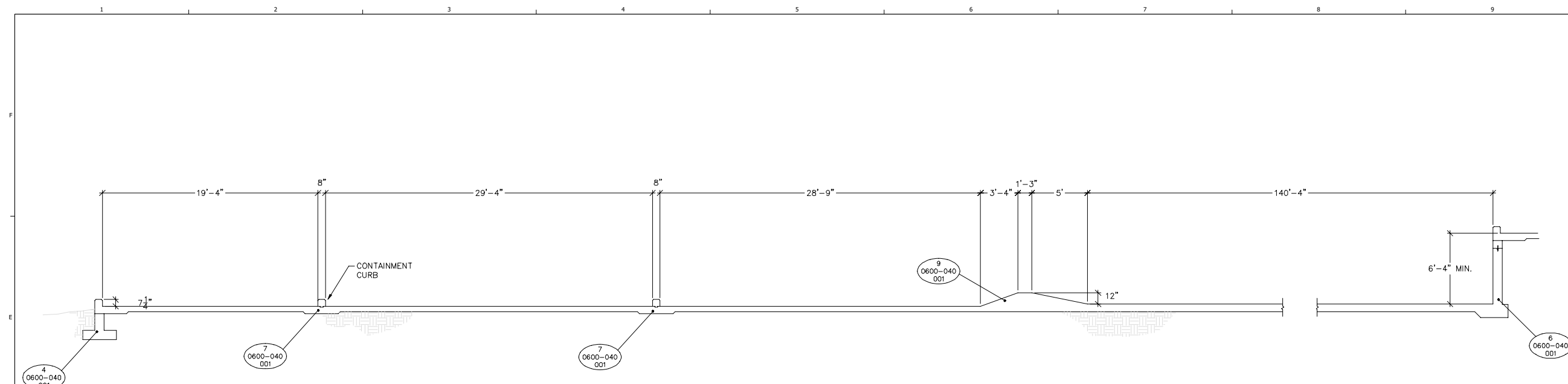
CREATED: 10/3/2020
 LAST SAVED: 3/4/2021
 BY: COSNIERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTHER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

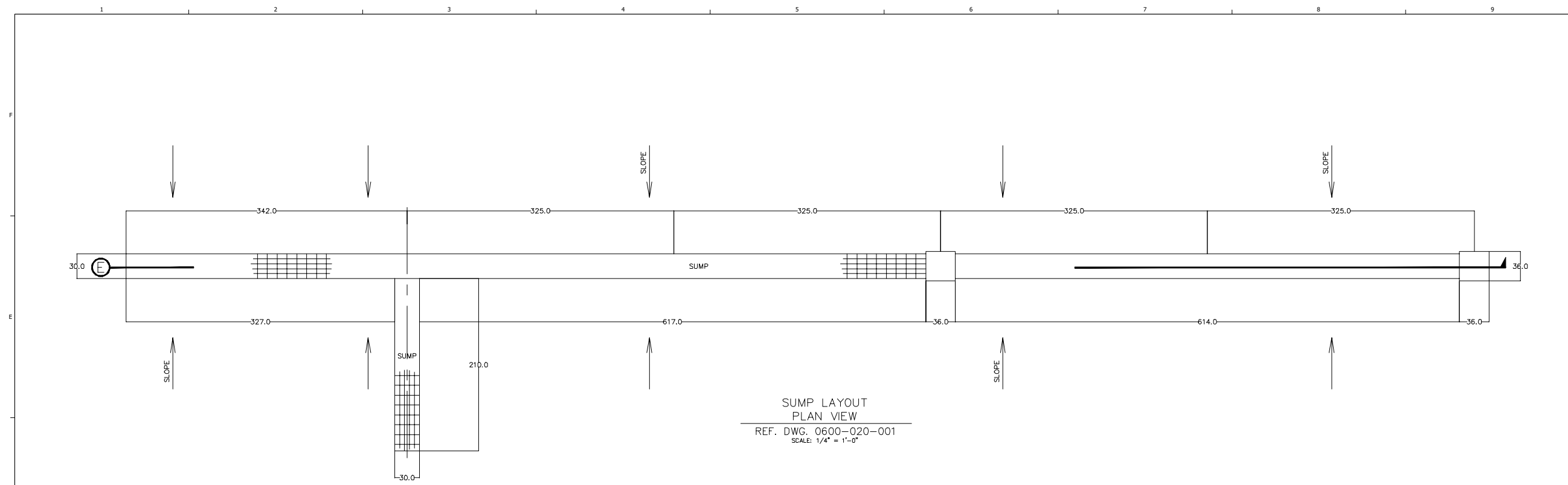
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



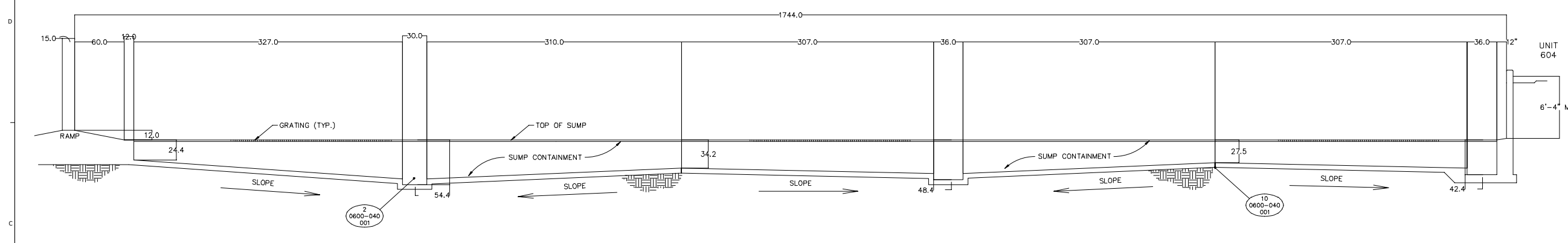
CREATED: 10/3/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



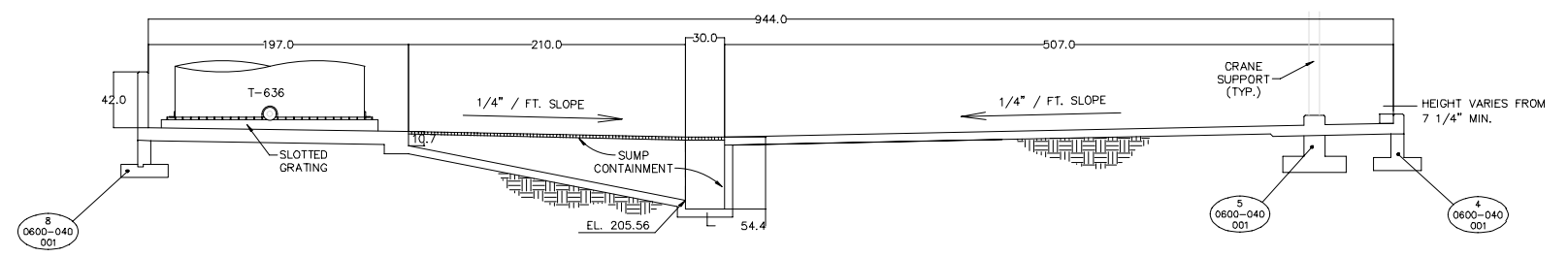
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL



SUMP LAYOUT
 PLAN VIEW
 REF. DWG. 0600-020-001
 SCALE: 1/4" = 1'-0"



(E) SECTION THRU SUMP
 REF. DWG. 0600-020-001
 SCALE: 1/4" = 1'-0"



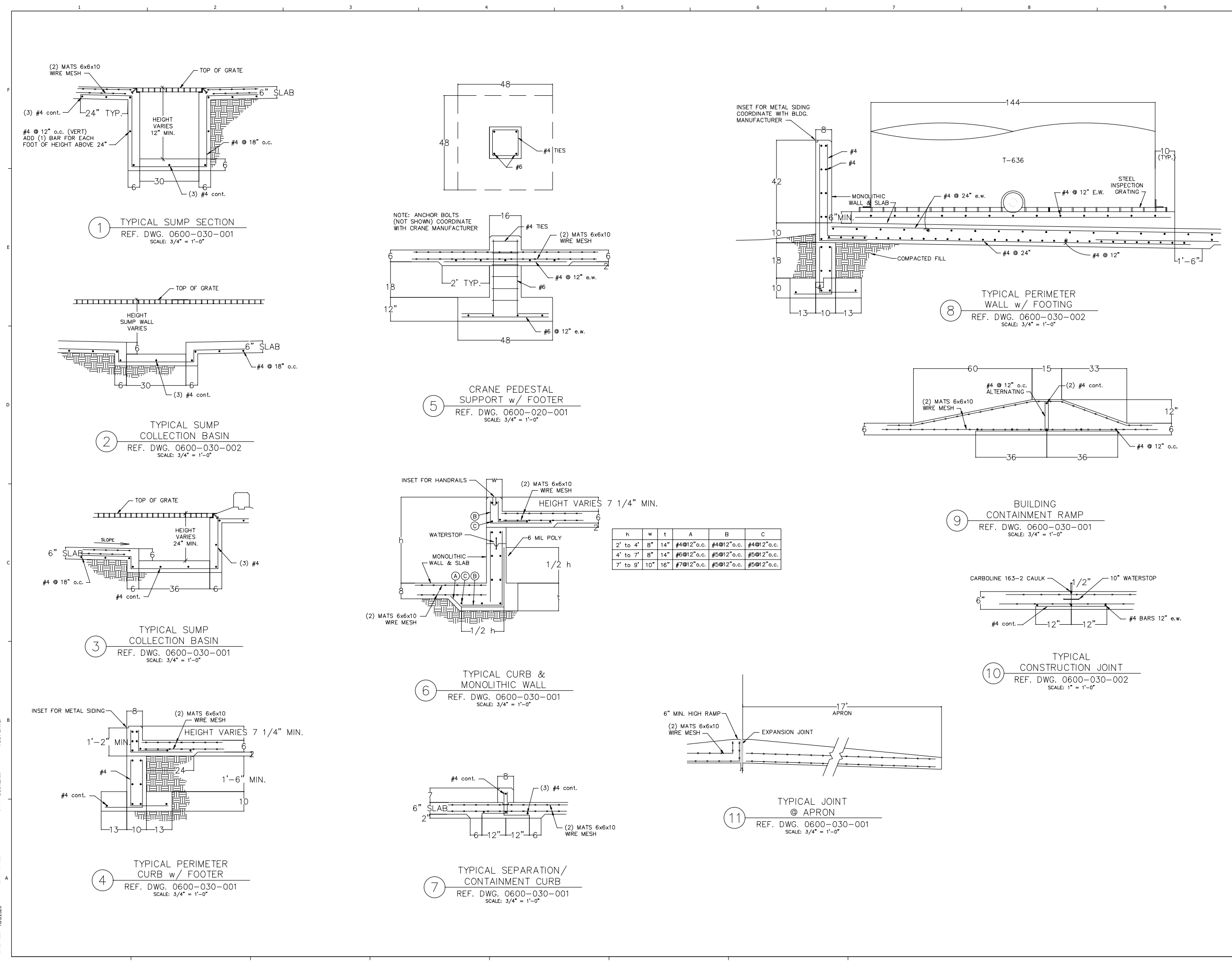
(F) SECTION THRU SUMP
 REF. DWG. 0600-020-002
 SCALE: 1/4" = 1'-0"

REV	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO.: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER AND TANK MANAGEMENT UNIT 600

CREATED: 10/3/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER AND TANK MANAGEMENT UNIT 600 - DETAILS
 SHEET 0600-040-001



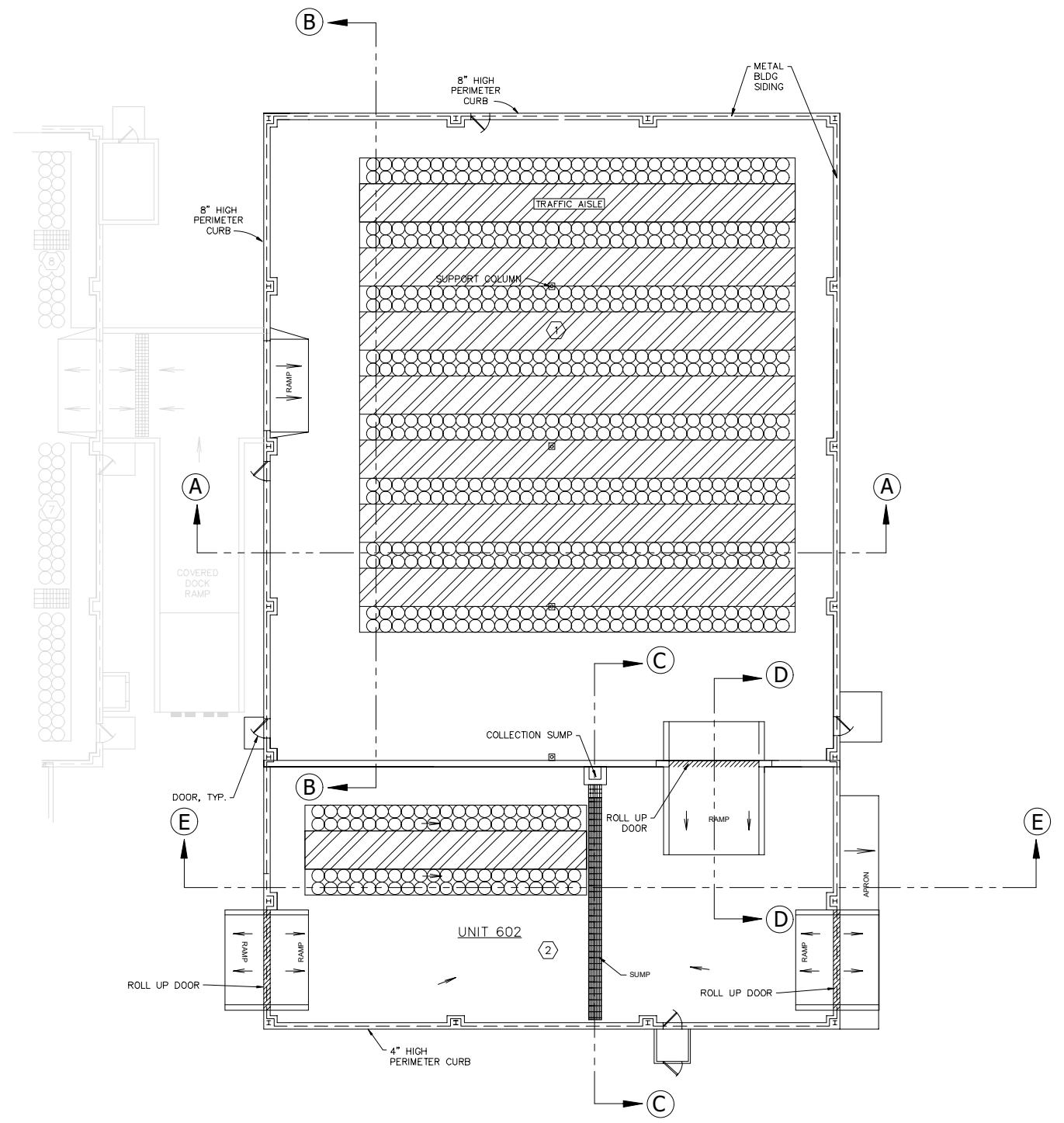
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
1.0	08/22	RCRA PART B PERMIT RENEWAL

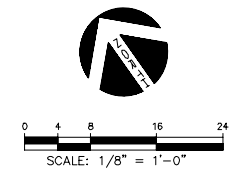
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER BUILDING &
 CONTAINER MANAGEMENT
 UNIT 602 (PLAN VIEW)

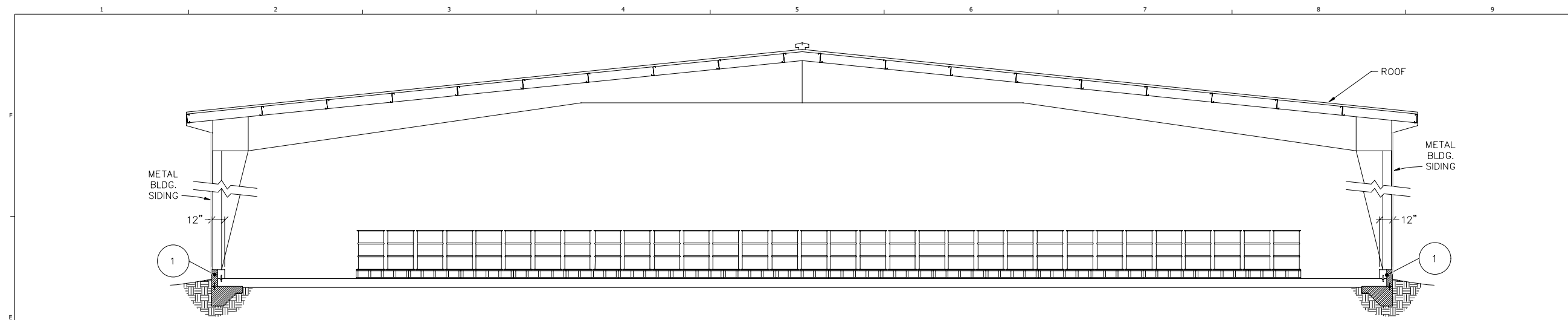
UNIT 603
 REFERENCE DRAWING
 0603-020-001



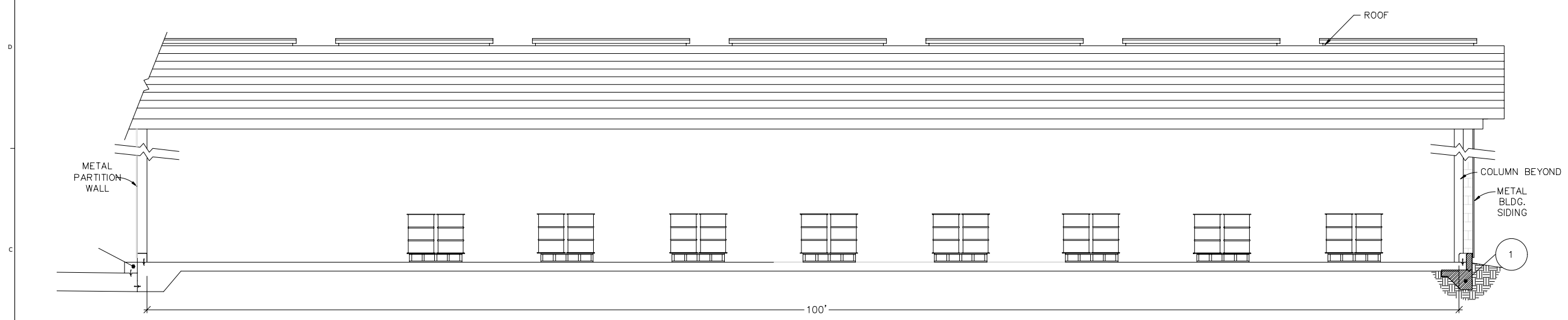
PLAN VIEW
 SCALE: 1/8" = 1'-0"



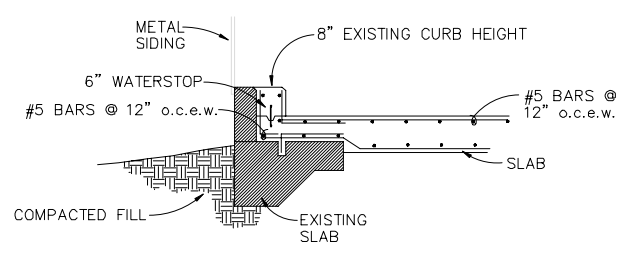
CREATED: 1/26/2021
 LAST SAVED: 1/27/2021
 BY: COSNERM
 PLOT DATE: 7/21/2022



(A) SECTION THRU STORAGE AREA
 REF. DWG. 0602-020-001
 SCALE: 1/4" = 1'-0"



(B) SECTION THRU STORAGE AREA
 REF. DWG. 0602-020-001
 SCALE: 1/4" = 1'-0"



(1) CURB BREAKAWAY @ FLOOR SLAB
 ORIGINAL SCALE: 1/2" = 1'-0"

NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

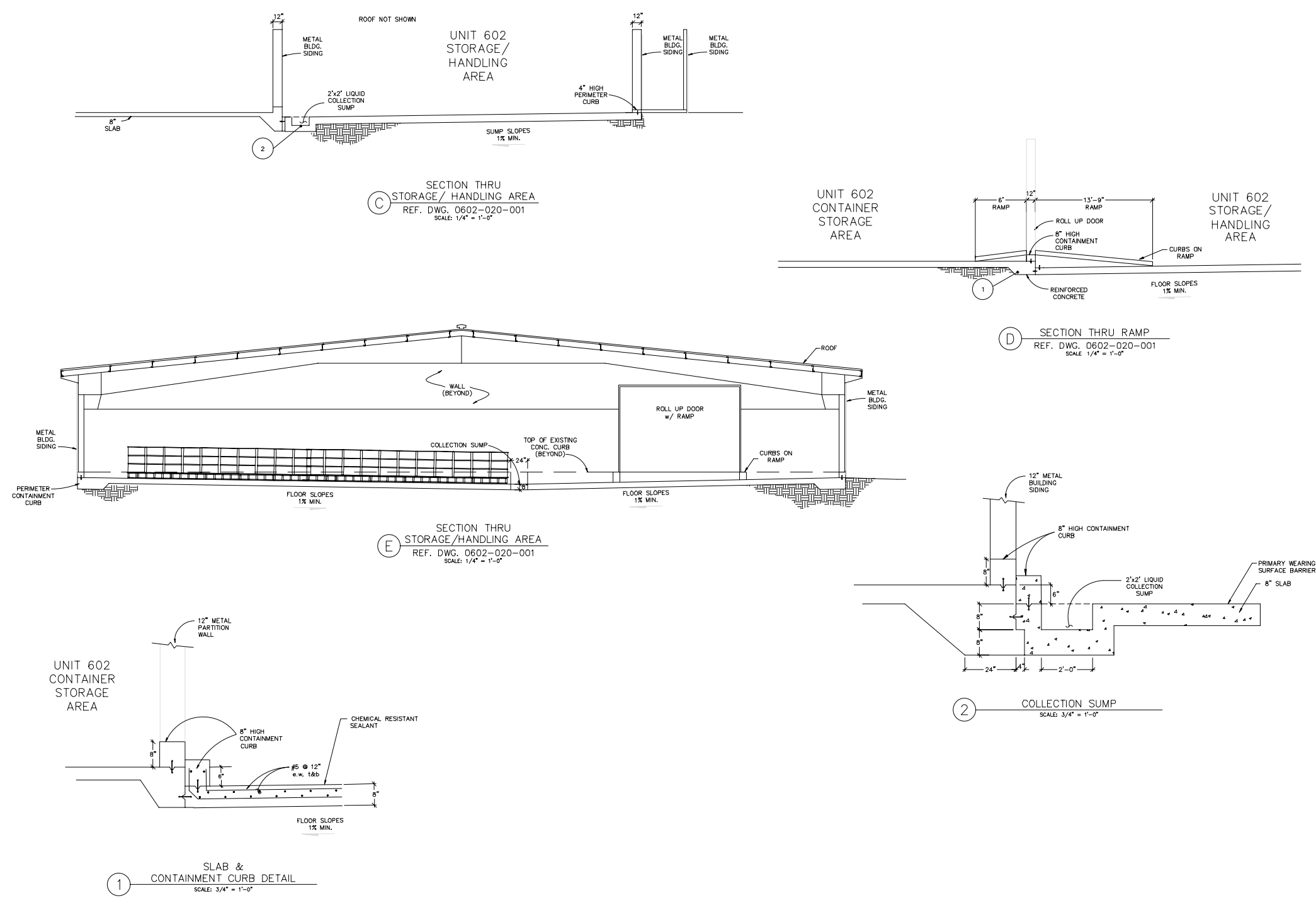
SHEET TITLE
 CONTAINER BUILDING & CONTAINER MANAGEMENT UNIT 602 (DETAILS-1)

CREATED: 1/26/2021
 LAST SAVED: 11/29/2021
 BY: KOCWMM
 PLOT DATE: 7/21/2022



REV	DATE	REVISION DESCRIPTION
1.0	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



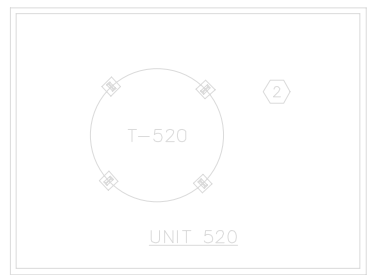
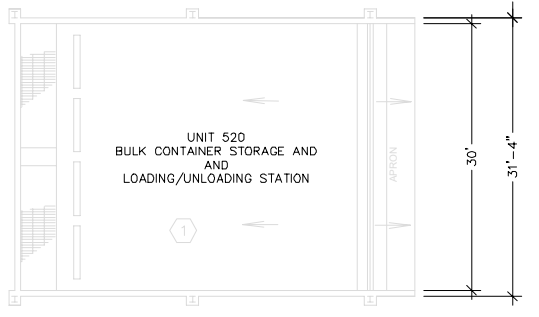
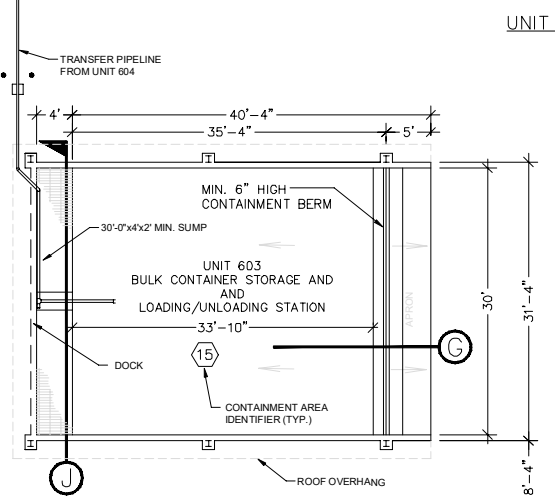
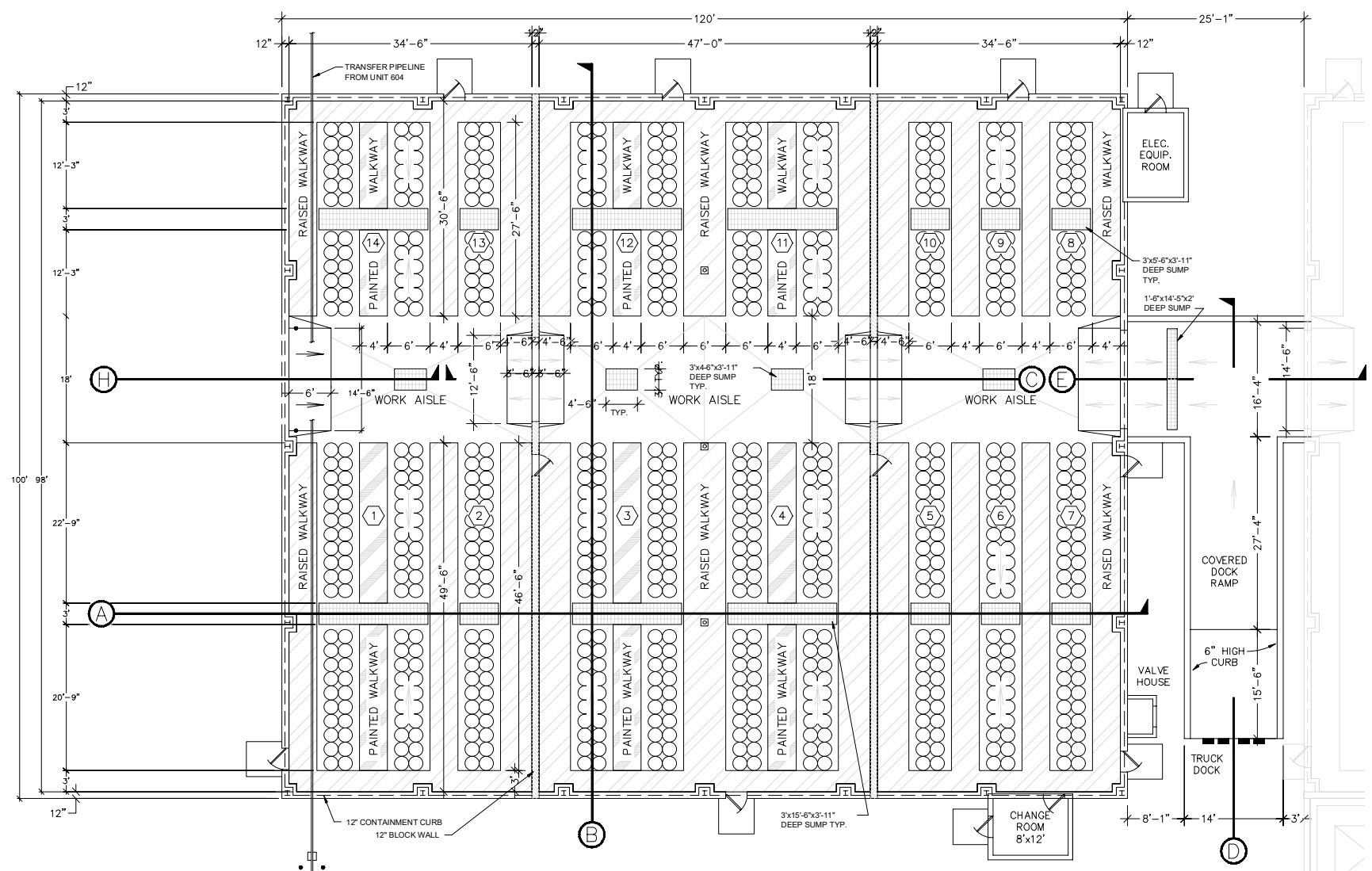
CREATED: 1/26/2021
 LAST SAVED: 1/27/2021
 BY: COSNIERM
 PLOT DATE: 7/21/2022



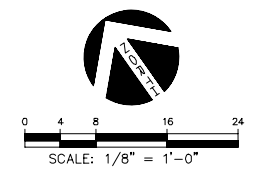
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL

NO.	DATE	REVISION DESCRIPTION

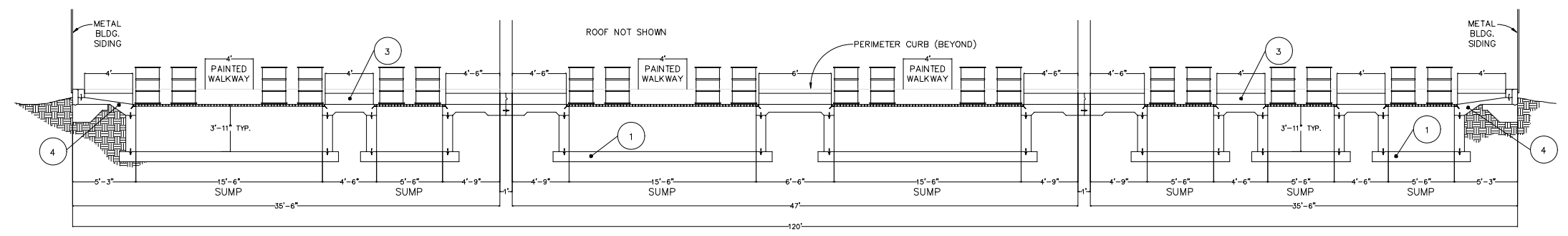
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE



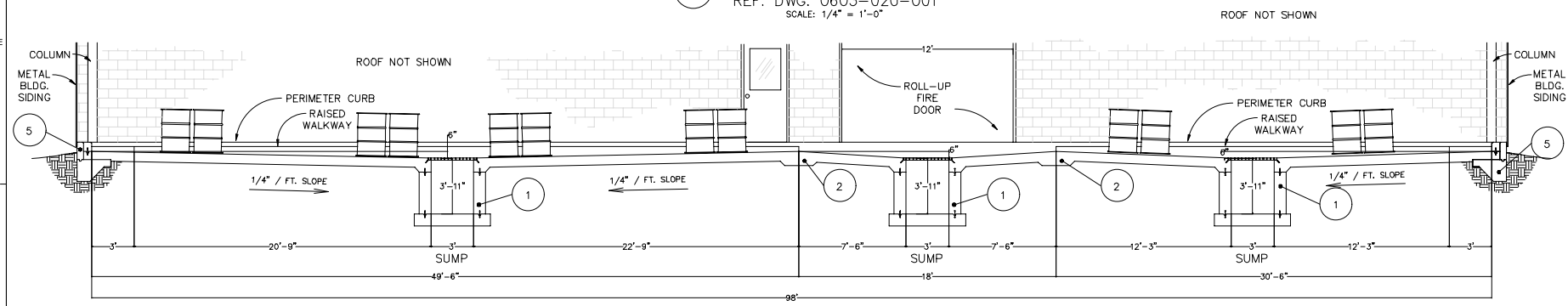
PLAN VIEW
 SCALE: 1/8" = 1'-0"



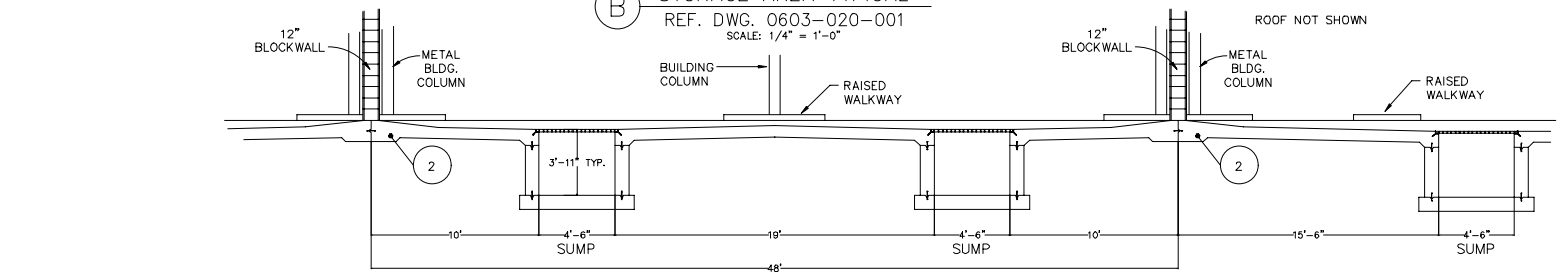
CREATED: 12/20/2021
 LAST SAVED: 12/20/2021
 PLOT DATE: 7/21/2022
 BY: KOCHANM



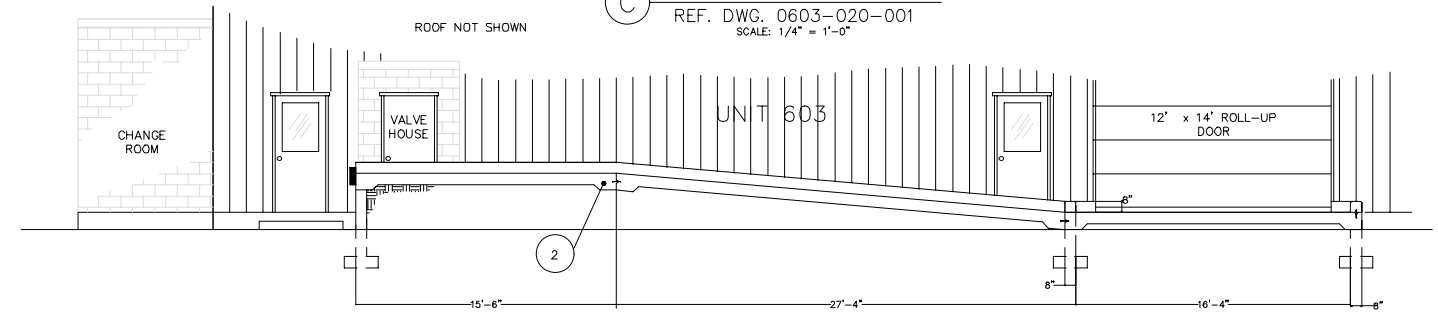
(A) SECTION THRU AREA @ SUMPS
 REF. DWG. 0603-020-001
 SCALE: 1/4" = 1'-0"



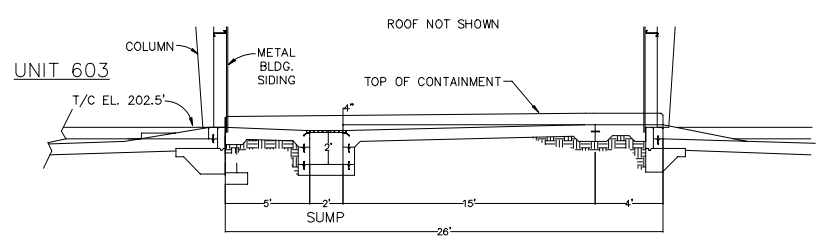
(B) SECTION THRU STORAGE AREA TYPICAL
 REF. DWG. 0603-020-001
 SCALE: 1/4" = 1'-0"



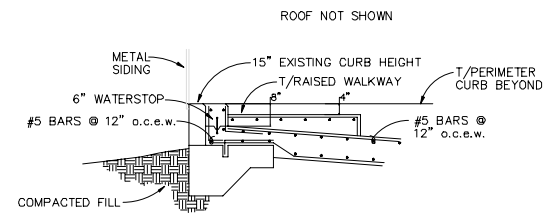
(C) SECTION THRU STORAGE AREA @ AISLES
 REF. DWG. 0603-020-001
 SCALE: 1/4" = 1'-0"



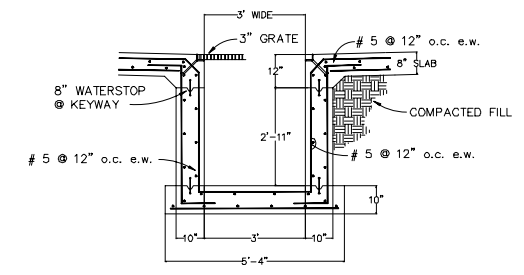
(D) SECTION THRU LOADING/UNLOADING DOCK & RAMP
 REF. DWG. 0603-020-001
 SCALE: 1/4" = 1'-0"



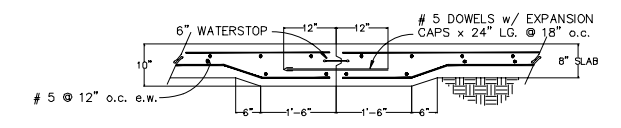
(E) SECTION THRU DOCK ACCESS RAMP
 REF. DWG. 0603-020-001
 SCALE: 1/4" = 1'-0"



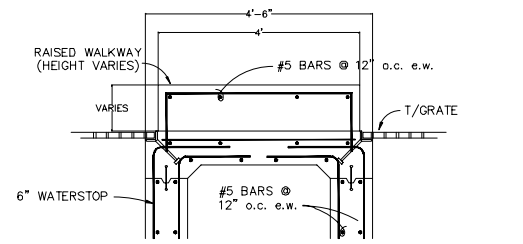
(5) CURB BREAKAWAY @ FLOOR SLAB
 SCALE: 1/2" = 1'-0"



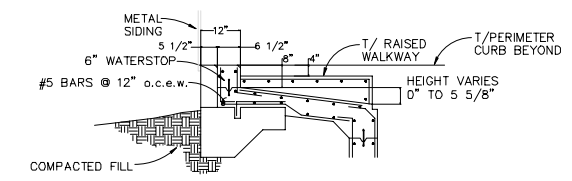
(1) TYPICAL 3'-11" SUMP SECTION
 SCALE: 1/2" = 1'-0"



(2) TYPICAL EXPANSION JOINT DETAIL
 SCALE: 3/4" = 1'-0"



(3) RAISED WALKWAY DETAIL
 SCALE: 3/4" = 1'-0"



(4) CURB BREAKAWAY @ SUMP
 SCALE: 1/2" = 1'-0"

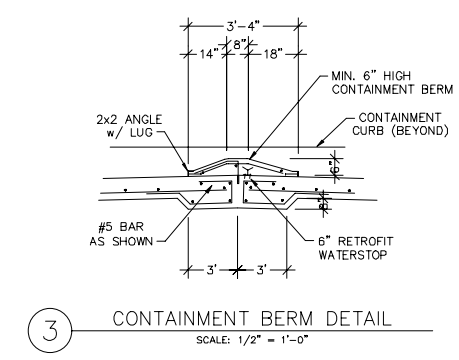
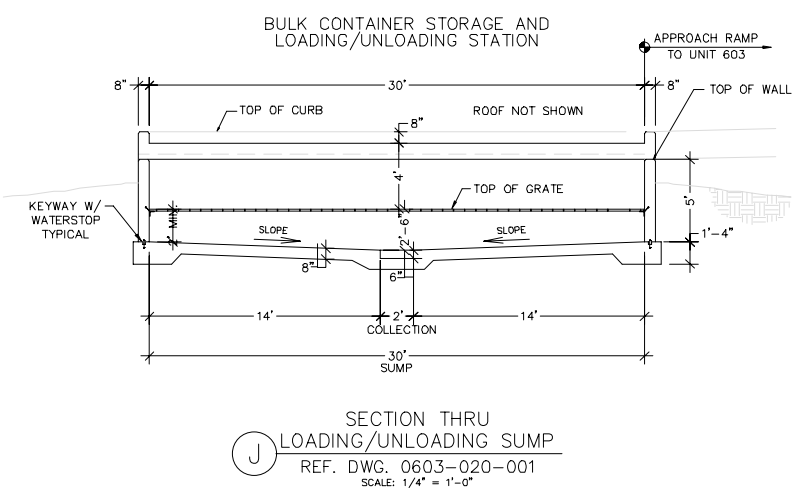
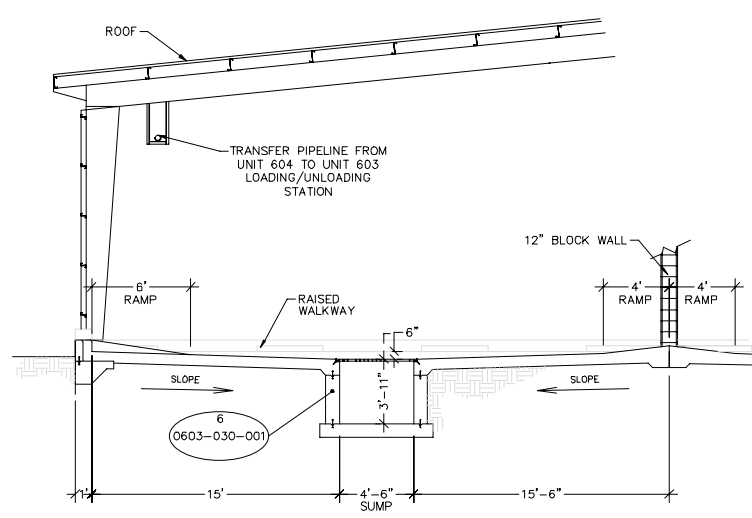
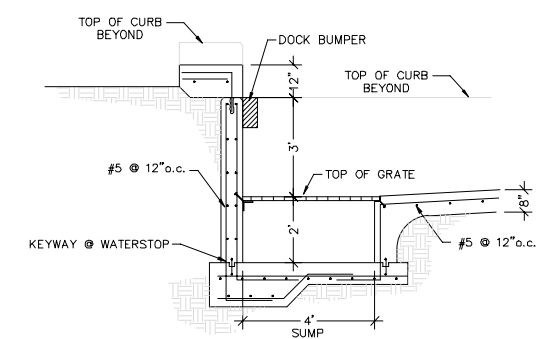
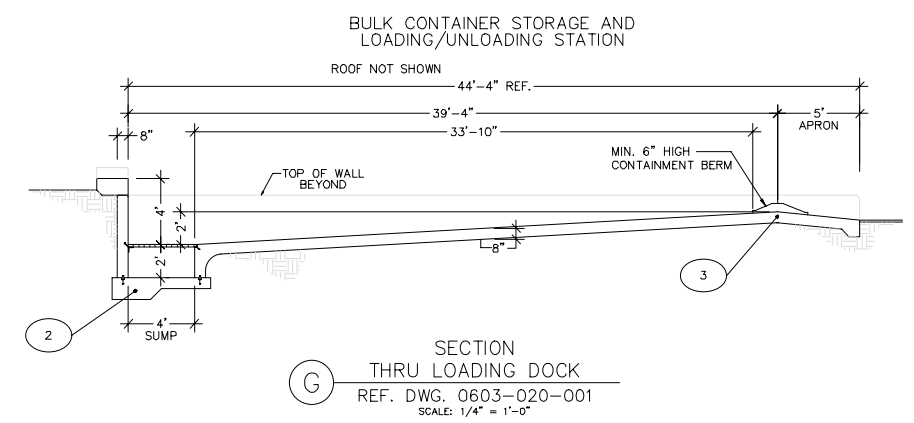
ALL AS-BUILT INFORMATION CONTAINED WITHIN UNIT 603 WAS COMPILED FROM FROM DIEHL & DIEHL DRAWINGS DATED 10-25-91.

NO.	REVISION DESCRIPTION	DATE

THIS LINE DRAWING IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER STORAGE UNIT 603 - SECTIONS & DETAILS

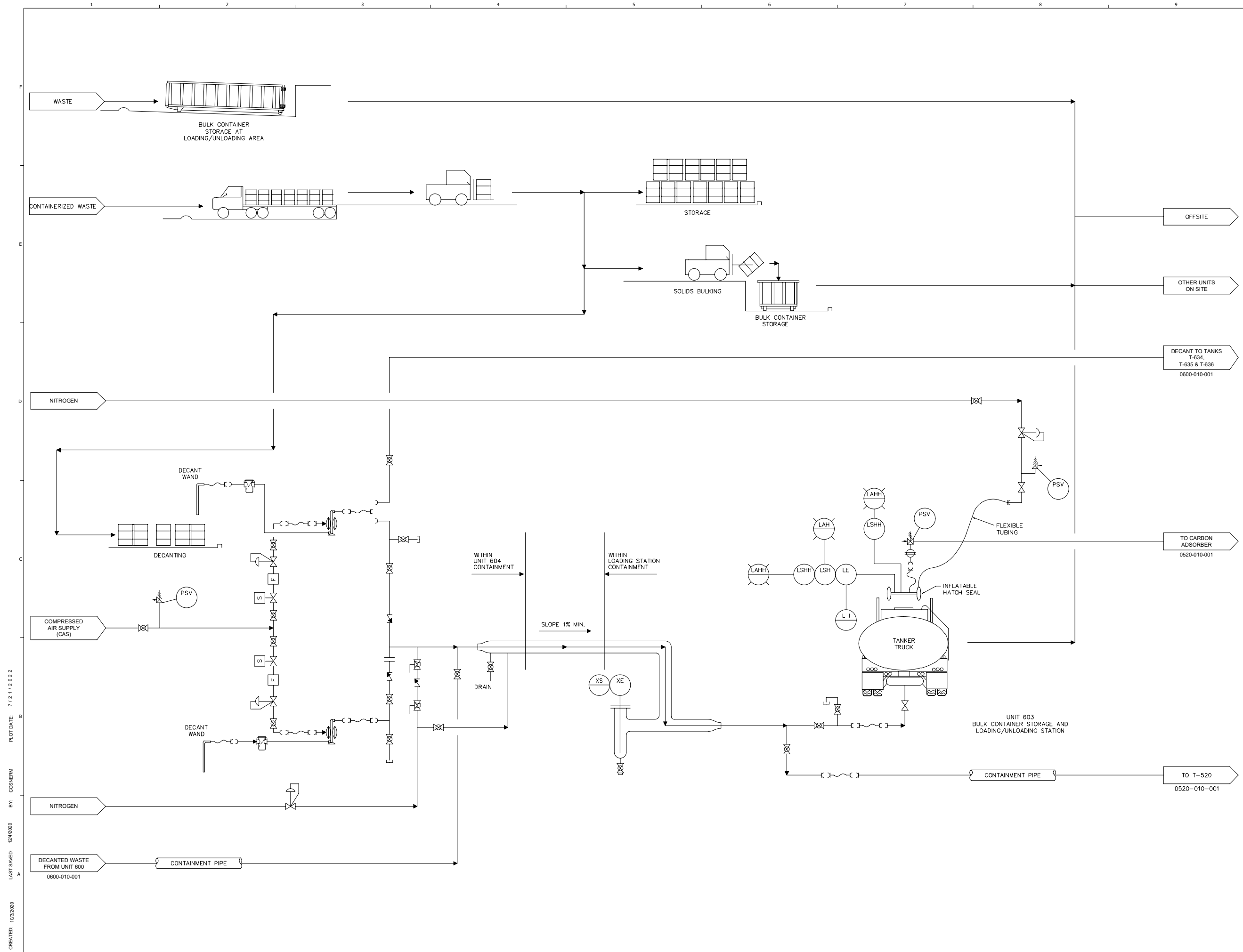
CREATED: 1/26/2021
 LAST SAVED: 1/27/2021
 BY: COSNERM
 PLOT DATE: 7/21/2022



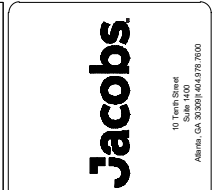
CREATED: 1/26/2021
 LAST SAVED: 1/27/2021
 BY: KODIANN
 PLOT DATE: 7/21/2022

NO.	REVISION DESCRIPTION	DATE
1	RCRA PART B PERMIT RENEWAL	
2		
3		
4		
5		
6		
7		
8		
9		
10		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER STORAGE UNIT 603 - SECTIONS AND DETAILS
 SHEET 0603-030-002



CREATED: 10/2/2020
 LAST SAVED: 12/2/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUTTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER MANAGEMENT
 UNIT 604 - PFD
 SHEET 0604-010-001

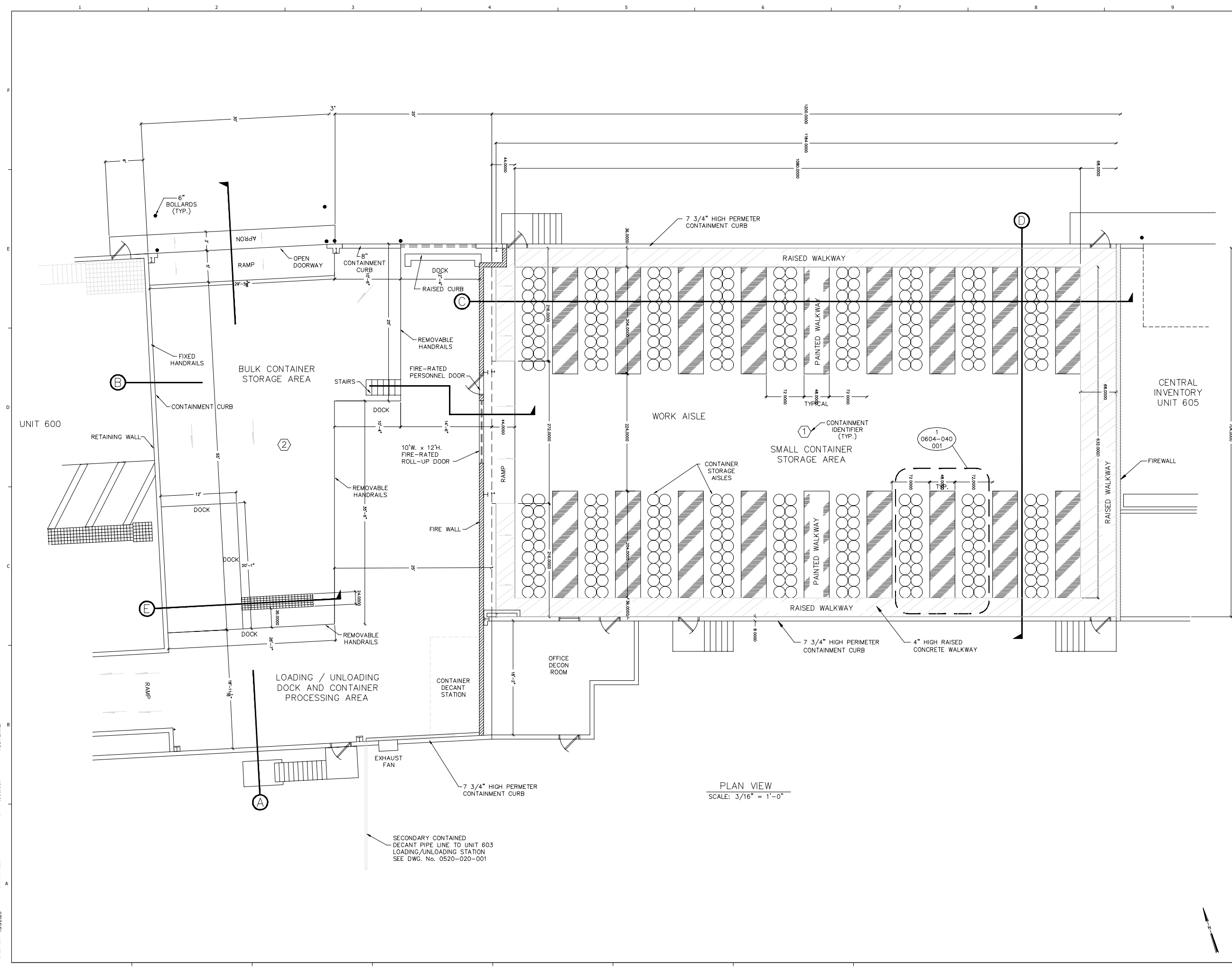


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

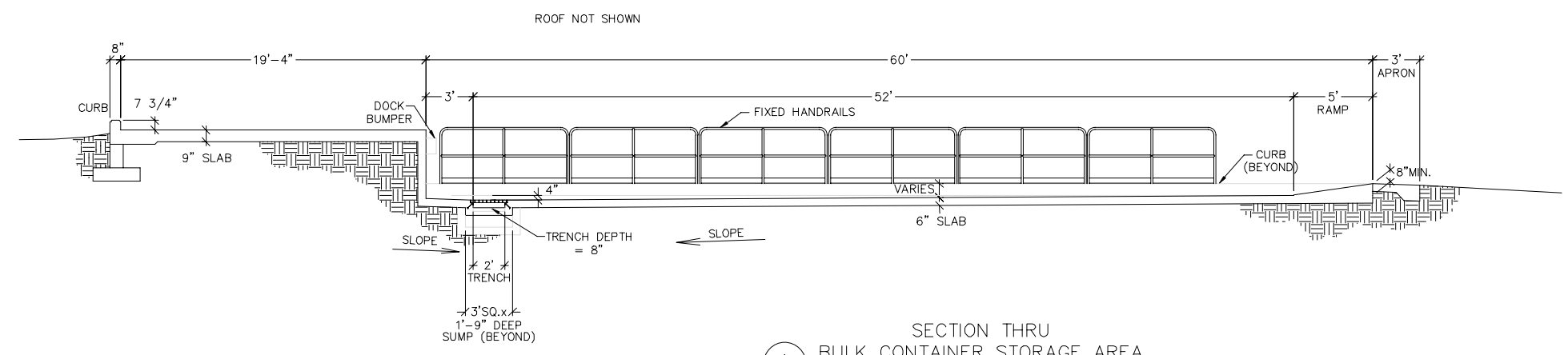
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER MANAGEMENT
 UNIT 604 - PLAN VIEW

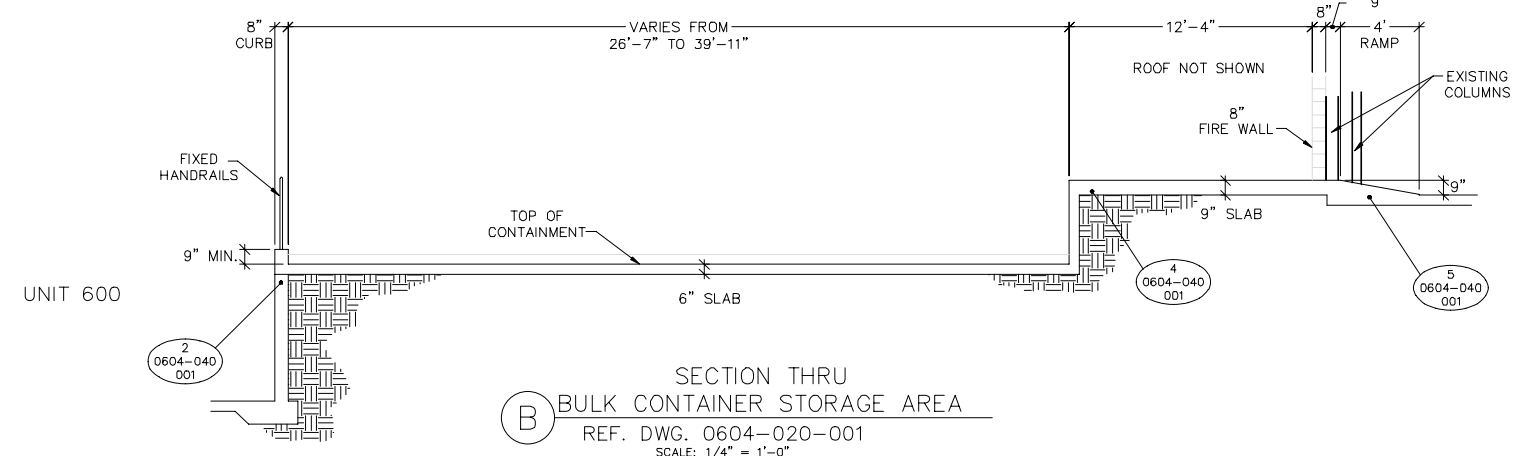


PLAN VIEW
 SCALE: 3/16" = 1'-0"

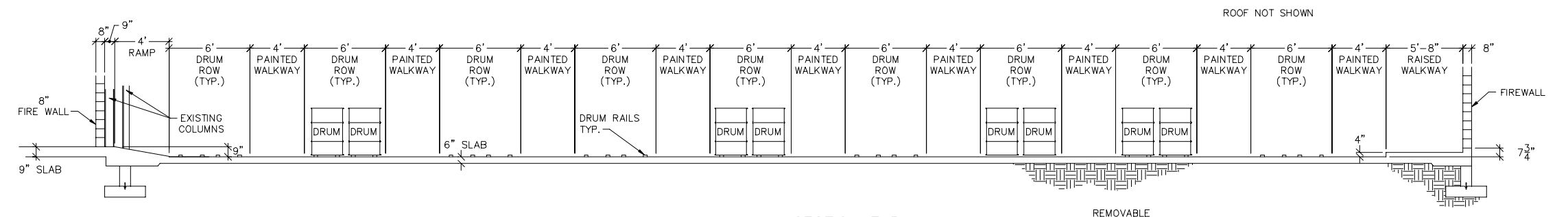
CREATED: 10/3/2020
 LAST SAVED: 3/11/2022
 BY: KARINA
 PLOT DATE: 7/21/2022



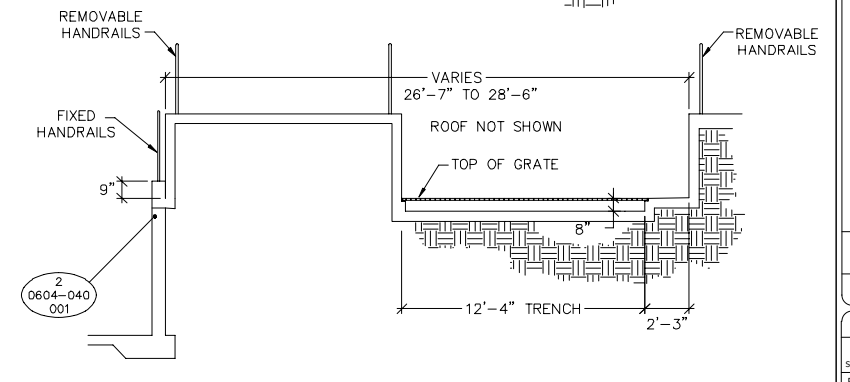
(A) SECTION THRU BULK CONTAINER STORAGE AREA
REF. DWG. 0604-020-001
SCALE: 1/4" = 1'-0"



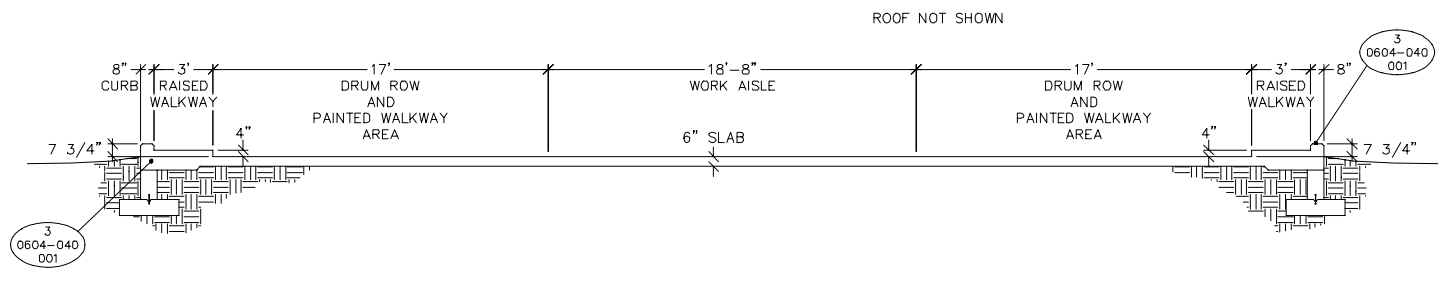
(B) SECTION THRU BULK CONTAINER STORAGE AREA
REF. DWG. 0604-020-001
SCALE: 1/4" = 1'-0"



(C) SECTION THRU SMALL CONTAINER STORAGE AREA
REF. DWG. 0604-020-001
SCALE: 1/4" = 1'-0"



(E) SECTION THRU SUMP TRENCH
REF. DWG. 0604-020-001
SCALE: 1/4" = 1'-0"



(D) SECTION THRU SMALL CONTAINER STORAGE AREA
REF. DWG. 0604-020-001
SCALE: 1/4" = 1'-0"

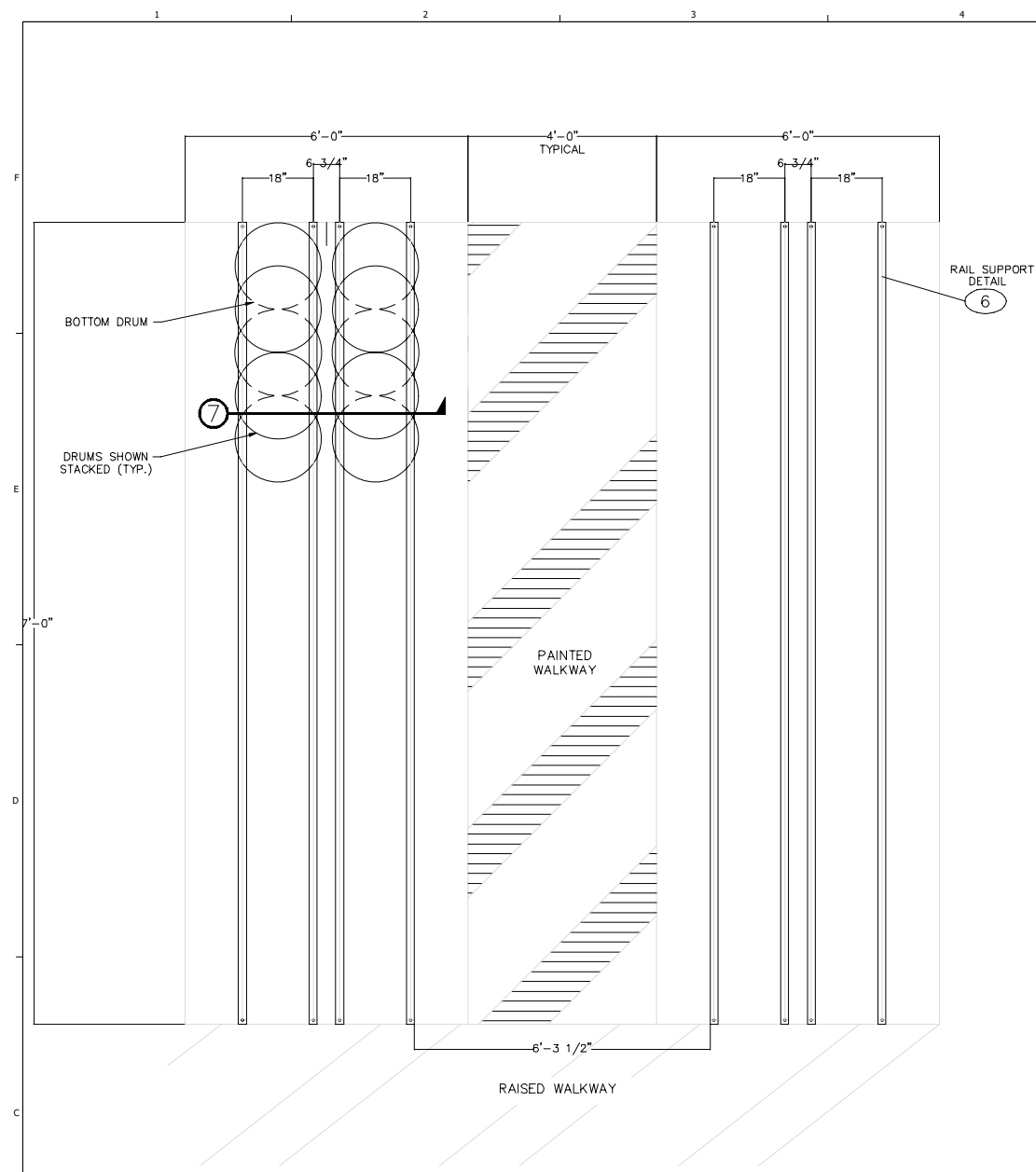
CREATED: 10/2/2020
LAST SAVED: 12/20/2021
BY: KOCHANM
PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

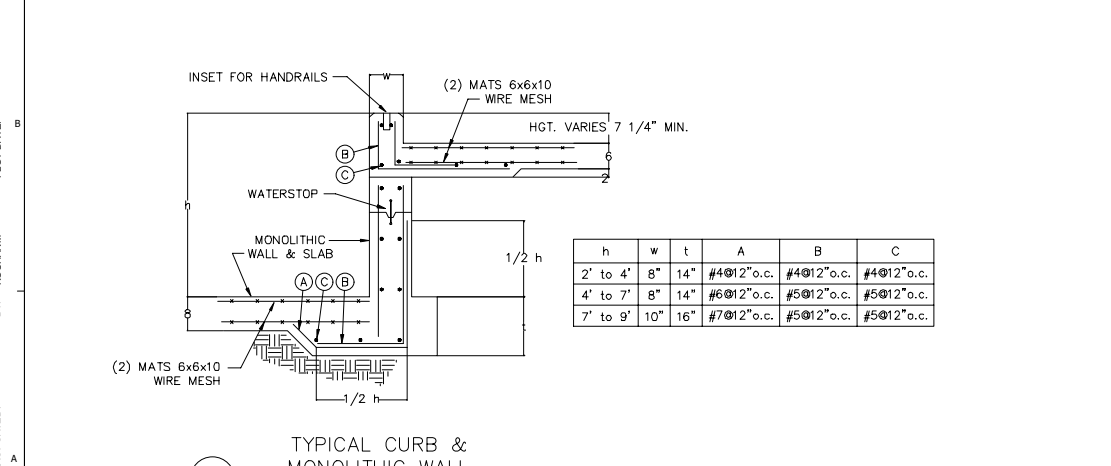
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT

NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

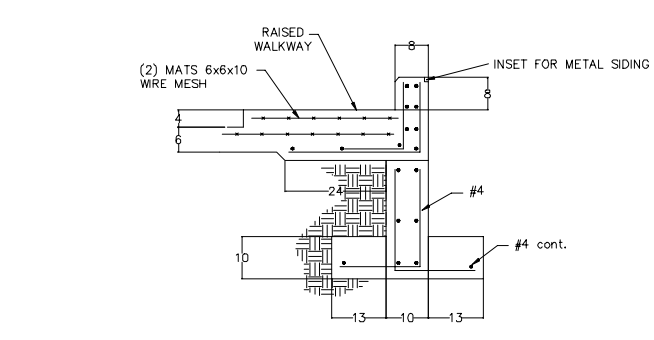
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



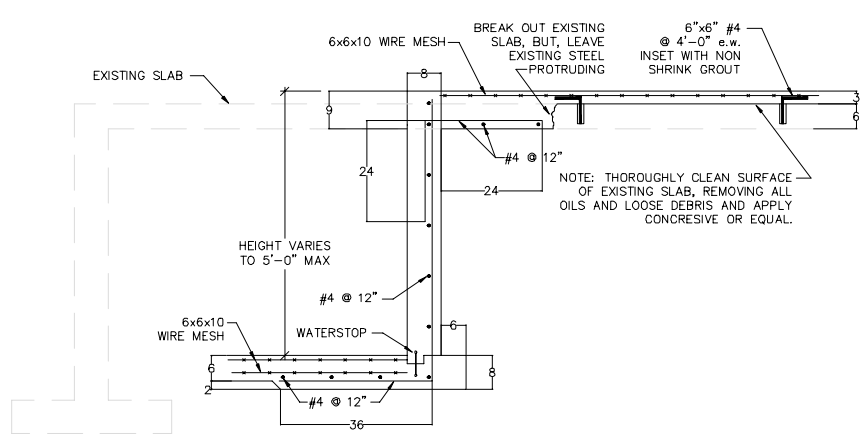
1 ENLARGEMENT OF RAIL PLAN VIEW
 REF. DWG. 0604-020-001
 SCALE: 3/4" = 1'-0"



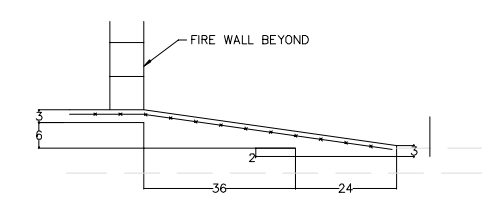
2 TYPICAL CURB & MONOLITHIC WALL
 REF. DWG. 0604-030-001
 SCALE: 3/4" = 1'-0"



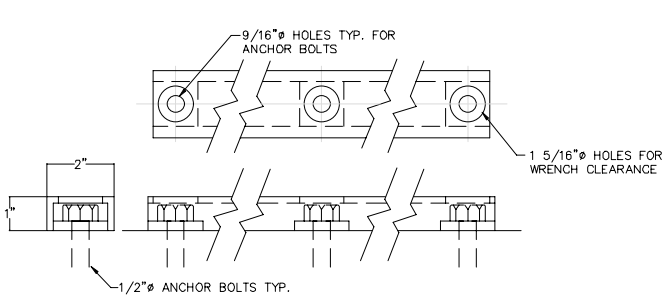
3 TYPICAL PERIMETER CURB w/FOOTER
 REF. DWG. 0604-030-001
 SCALE: 3/4" = 1'-0"



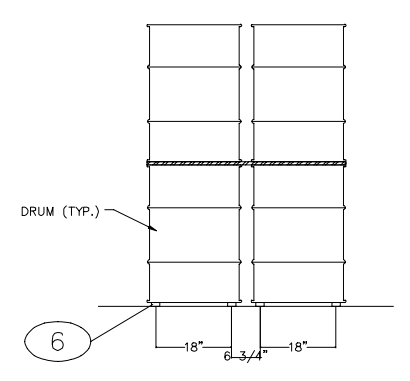
4 SLAB CONNECTION @ UNIT 604
 REF. DWG. 0604-030-001
 SCALE: 3/4" = 1'-0"



5 SLAB CONNECTION @ UNIT 604
 REF. DWG. 0604-030-001
 SCALE: 3/4" = 1'-0"



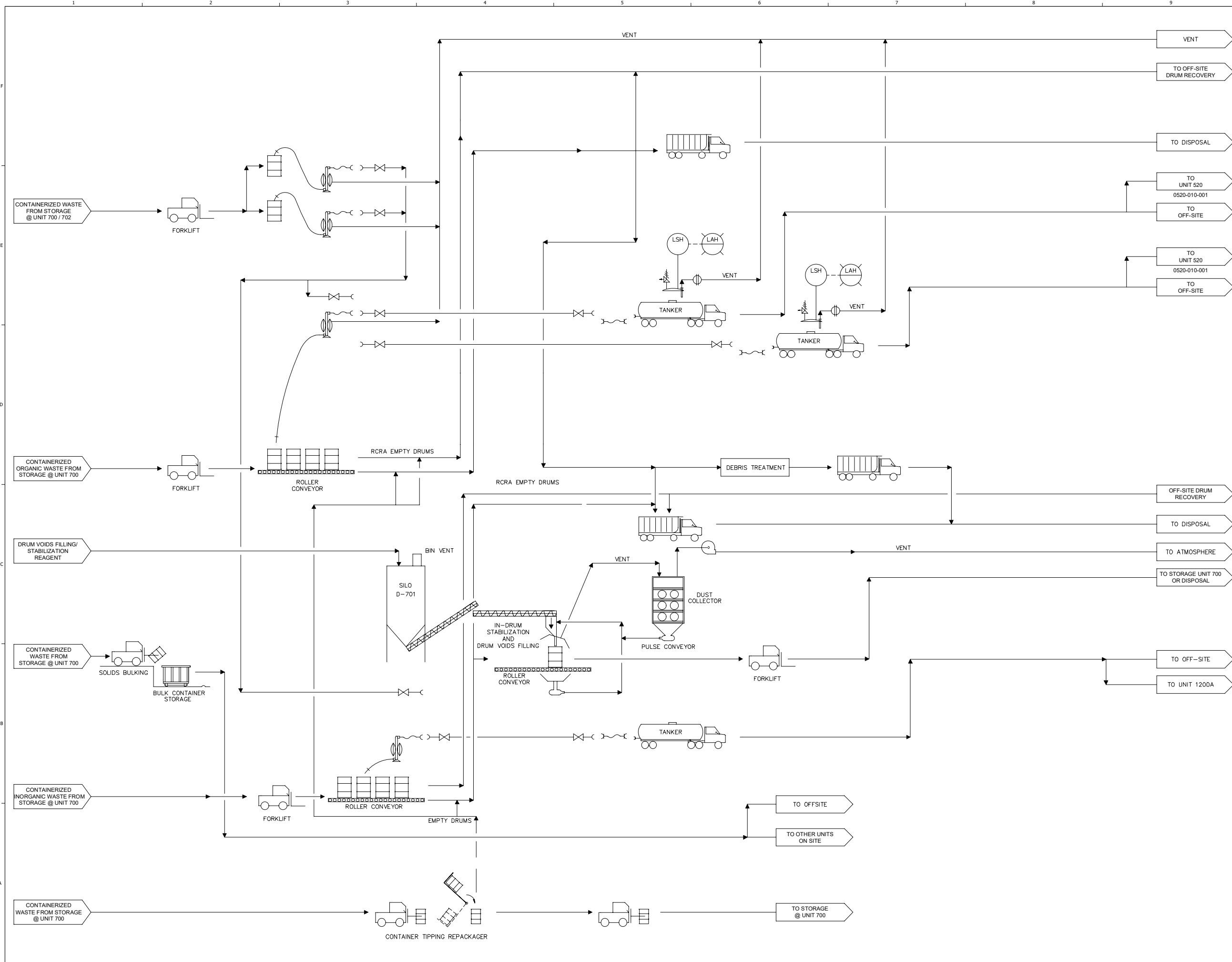
6 TYPICAL RAIL SUPPORT DETAIL
 REF. DWG. 0604-040-001
 SCALE: N.T.S.



7 SECTION THRU RAIL
 REF. DWG. 0604-040-001
 SCALE: 3/4" = 1'-0"

CREATED: 10/3/2020
 LAST SAVED: 12/23/2021
 BY: KODHANN
 PLOT DATE: 7/21/2022

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNER/M
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



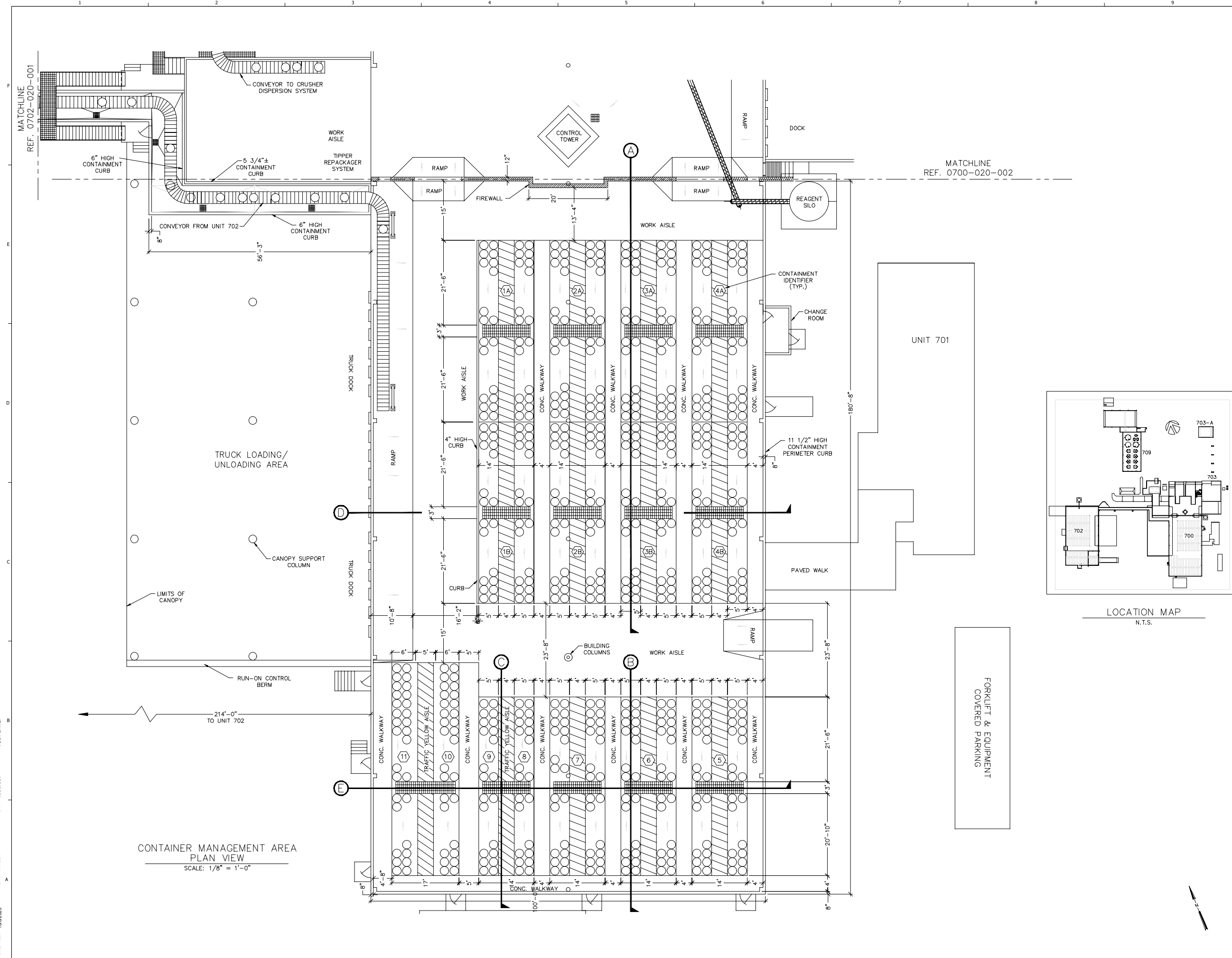
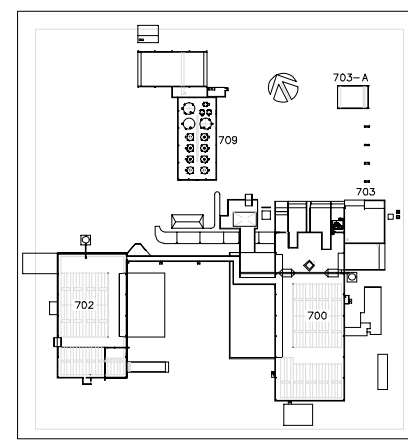
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

REV	DATE	REVISION DESCRIPTION
001	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINERIZED WASTE PROCESSING UNIT 700 - PFD
 SHEET 0700-010-001



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL



CONTAINER MANAGEMENT AREA
 PLAN VIEW
 SCALE: 1/8" = 1'-0"

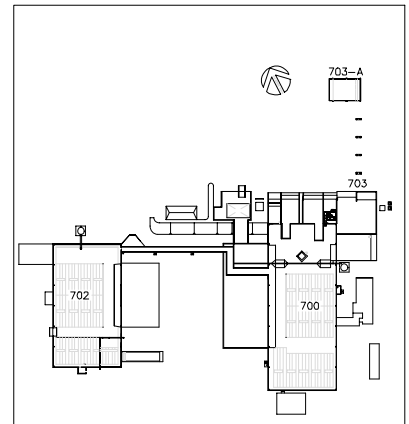
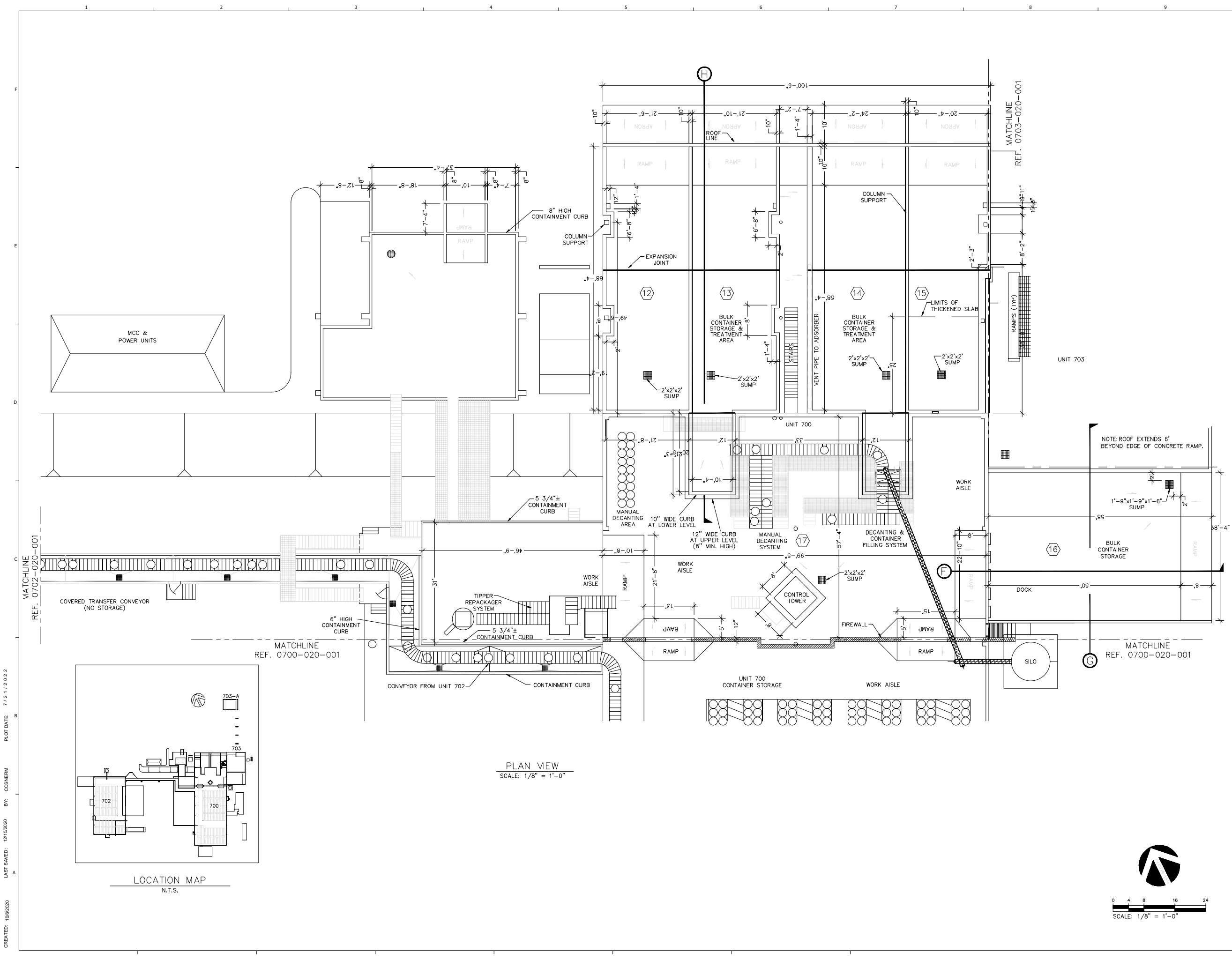
FORKLIFT & EQUIPMENT
 COVERED PARKING

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

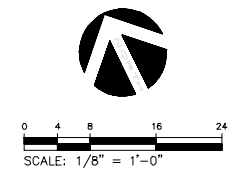
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER MANAGEMENT UNIT 700 - PLAN VIEW

CREATED: 10/6/2020
 LAST SAVED: 7/20/2022
 BY: KARLWA
 PLOT DATE: 7/21/2022



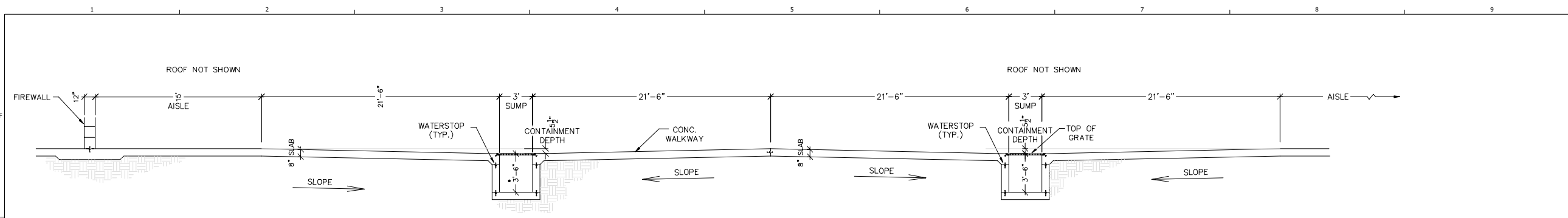
PLAN VIEW
 SCALE: 1/8" = 1'-0"



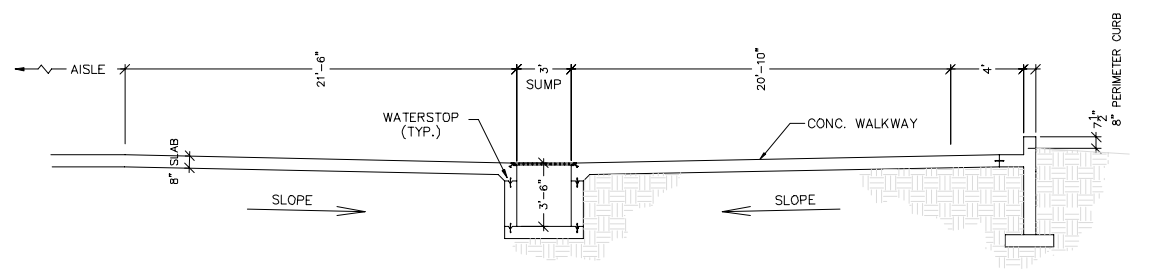
REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER MANAGEMENT UNIT 700 - PLAN VIEW
 SHEET 0700-020-002

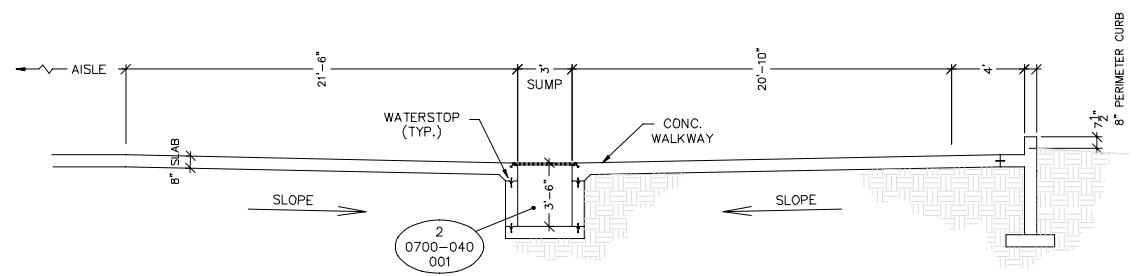
CREATED: 10/6/2020
 LAST SAVED: 12/15/2020
 BY: COSNIERM
 PLOT DATE: 7/12/2022



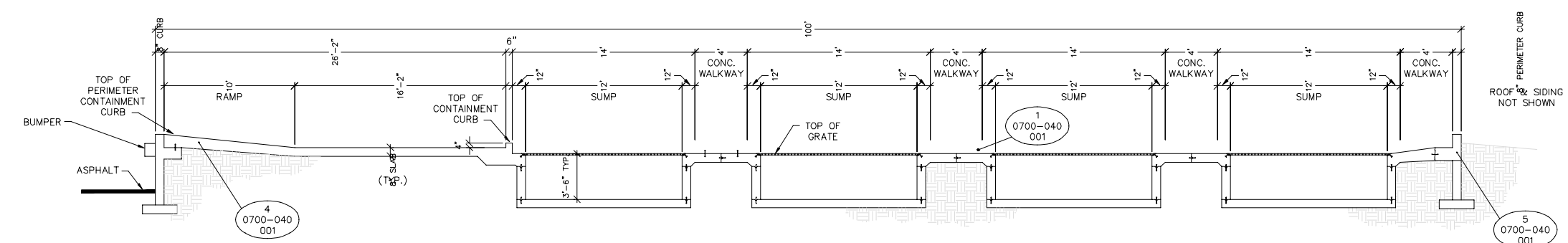
(A) SECTION THRU CONTAINMENT STORAGE 1A THRU 4B
 REF. DWG. 0700-020-001
 SCALE: 1/4" = 1'-0"



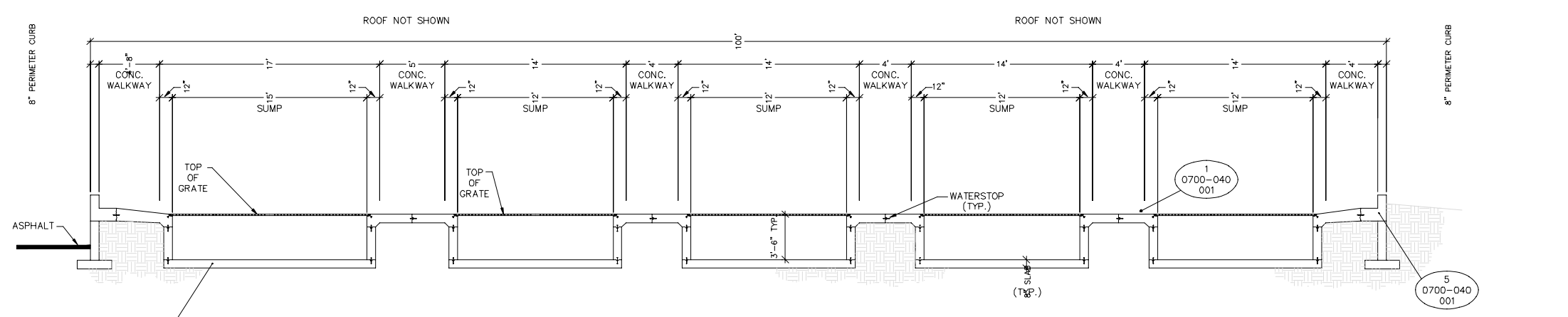
(B) TYPICAL SECTION THRU CONTAINMENT STORAGE
 REF. DWG. 0700-020-001
 SCALE: 1/4" = 1'-0"



(C) TYPICAL SECTION THRU 6" SEPARATION WALL IN SUMP
 REF. DWG. 0700-020-001
 SCALE: 1/4" = 1'-0"



(D) SECTION THRU CONTAINMENT STORAGE 1B THRU 4B
 REF. DWG. 0700-020-001
 SCALE: 1/4" = 1'-0"



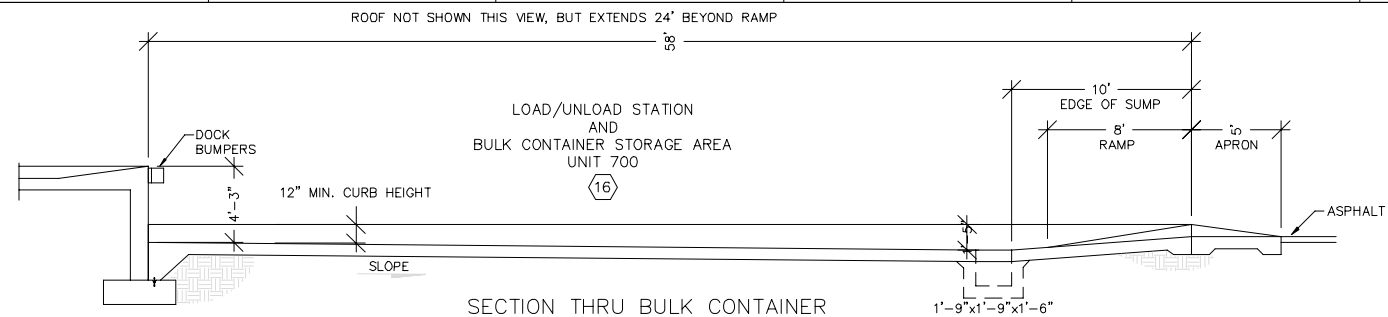
(E) SECTION THRU CONTAINMENT STORAGE 5 THRU 11
 REF. DWG. 0700-020-001
 SCALE: 1/4" = 1'-0"

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

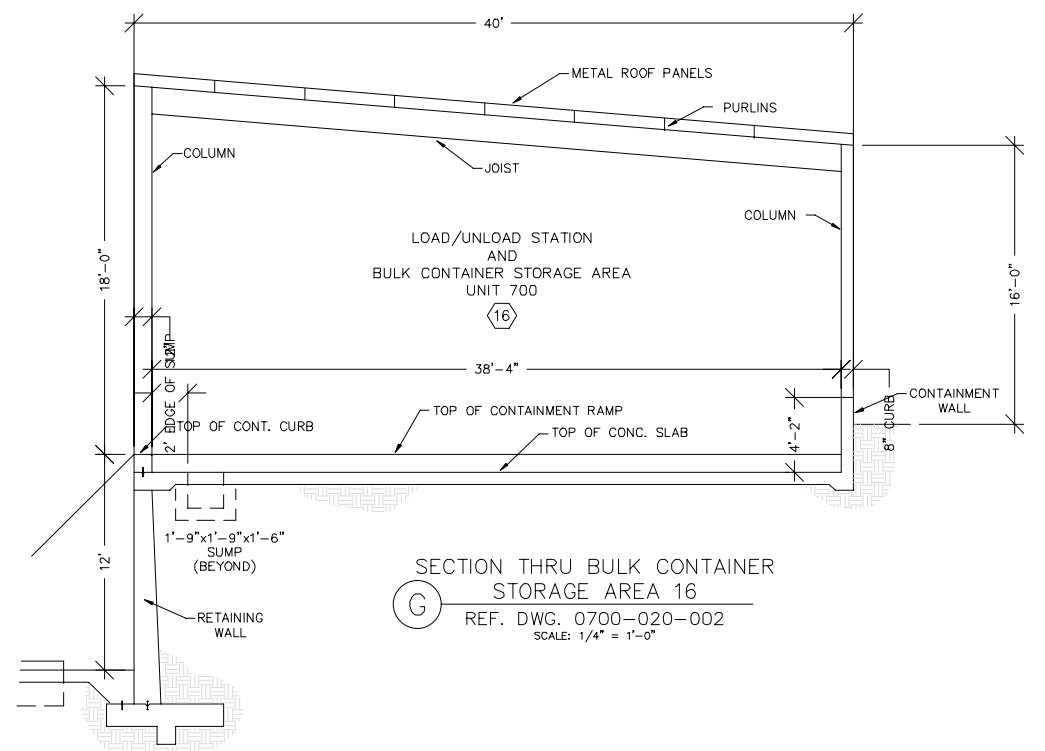
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER MANAGEMENT UNIT 700 - SECTIONS

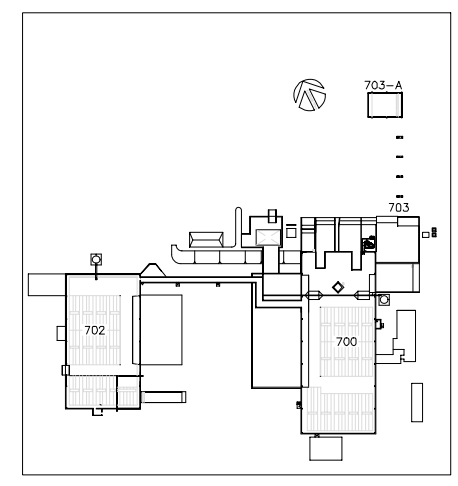
CREATED: 10/6/2020
 LAST SAVED: 12/1/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



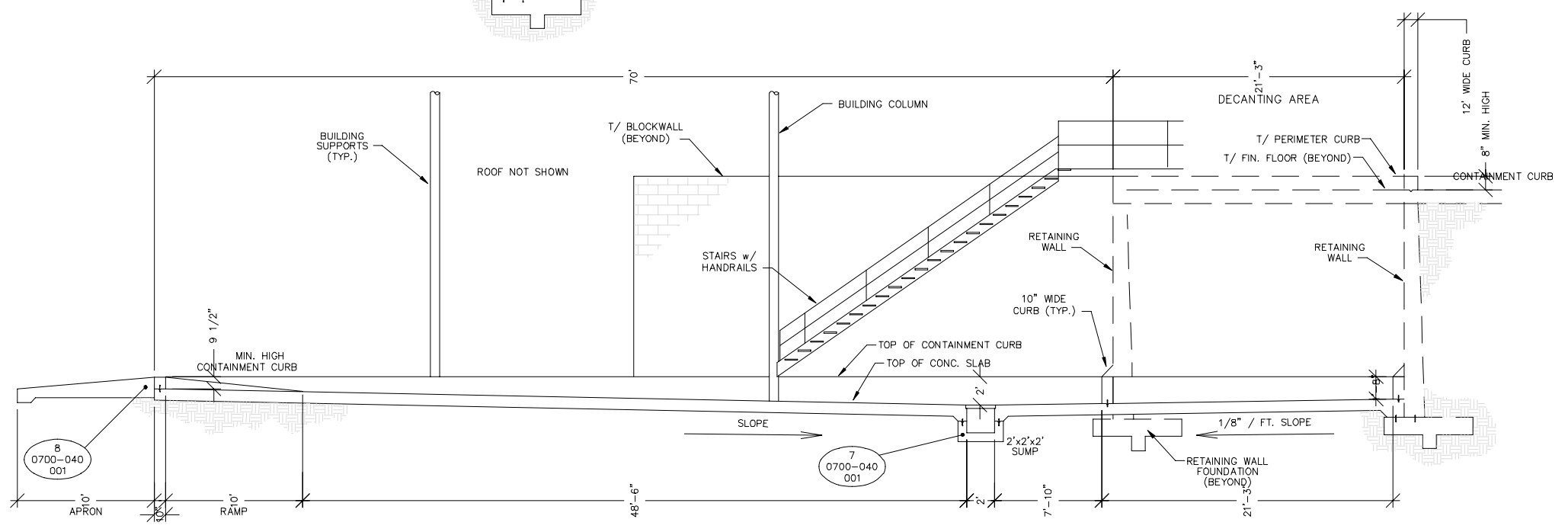
(F) SECTION THRU BULK CONTAINER STORAGE AREA 16
 REF. DWG. 0700-020-002
 SCALE: 1/4" = 1'-0"



(G) SECTION THRU BULK CONTAINER STORAGE AREA 16
 REF. DWG. 0700-020-002
 SCALE: 1/4" = 1'-0"



LOCATION MAP
 N.T.S.



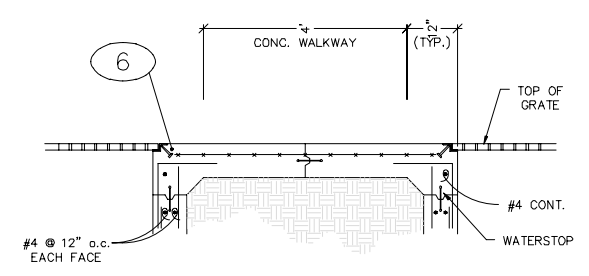
(H) SECTION THRU BULK CONTAINER STORAGE & TREATMENT AREA 13
 REF. DWG. 0700-020-002
 SCALE: 1/4" = 1'-0"

REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

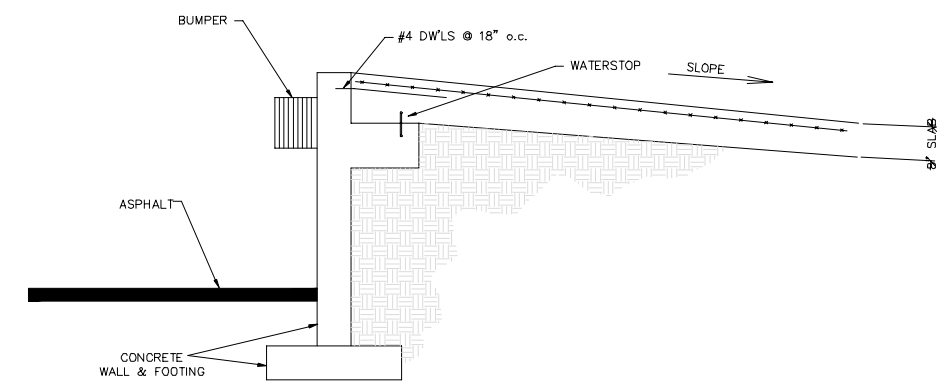
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER MANAGEMENT UNIT 700 - SECTIONS

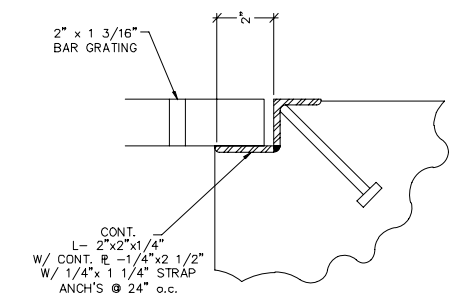
CREATED: 10/6/2020
 LAST SAVED: 3/22/2022
 BY: KARLARA
 PLOT DATE: 7/21/2022



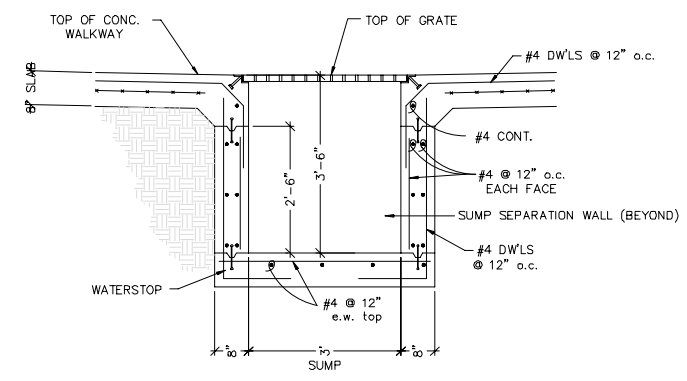
1 CONCRETE WALKWAY
 DETAIL
 REF. DWG. 0700-030-001
 SCALE: 3/4" = 1'-0"



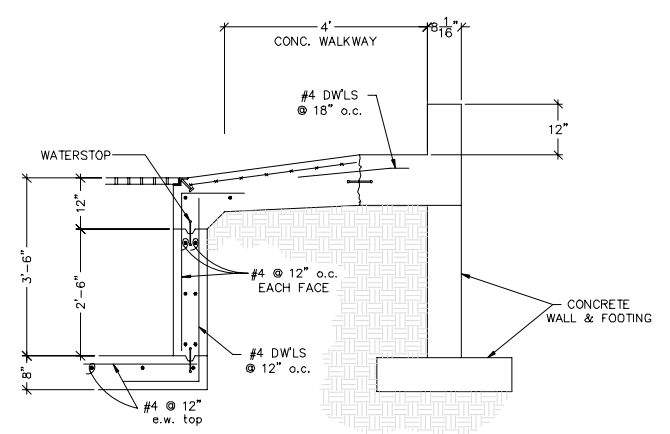
4 PERIMETER CURB
 @ DOCK DETAIL
 REF. DWG. 0700-030-001
 SCALE: 3/4" = 1'-0"



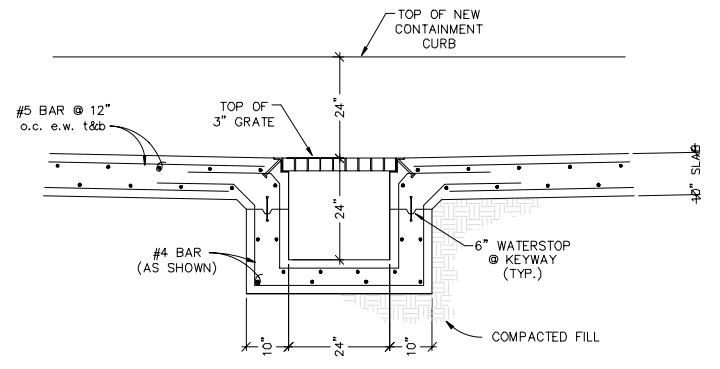
6 TYPICAL
 GRATING DETAIL
 REF. DWG. 0700-040-001
 SCALE: N.T.S.



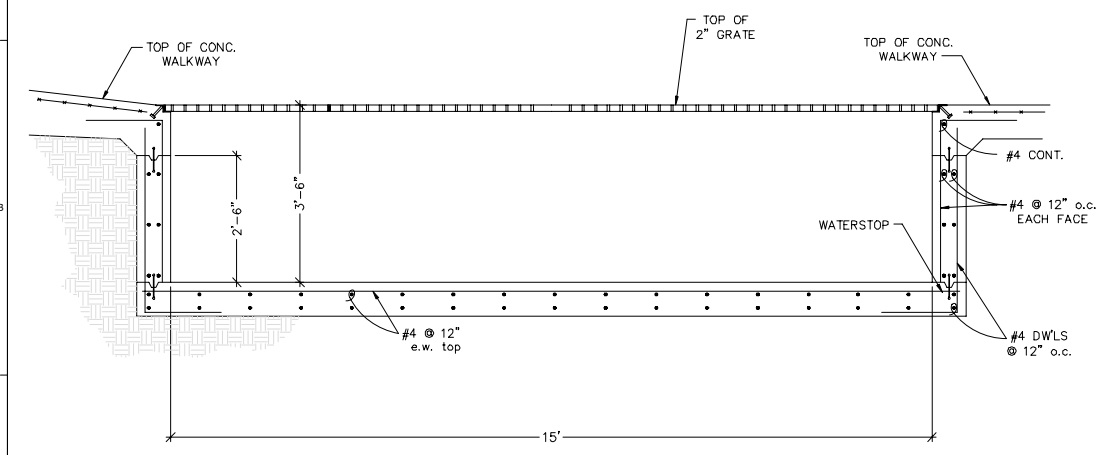
2 6" CONCRETE SEPARATION
 WALL DETAIL @ SUMP
 REF. DWG. 0700-030-001
 SCALE: 3/4" = 1'-0"



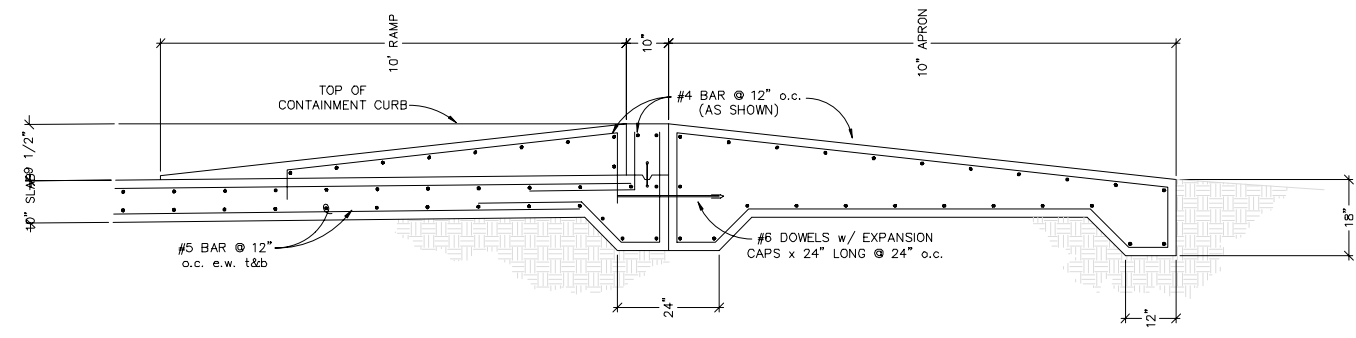
5 PERIMETER CURB
 @ WALKWAY DETAIL
 REF. DWG. 0700-030-001
 SCALE: 3/4" = 1'-0"



7 TYPICAL SUMP DETAIL
 REF. DWG. 0700-030-002
 SCALE: 3/4" = 1'-0"



3 6" CONCRETE SEPARATION
 WALL DETAIL @ SUMP
 REF. DWG. 0700-030-001
 SCALE: 3/4" = 1'-0"

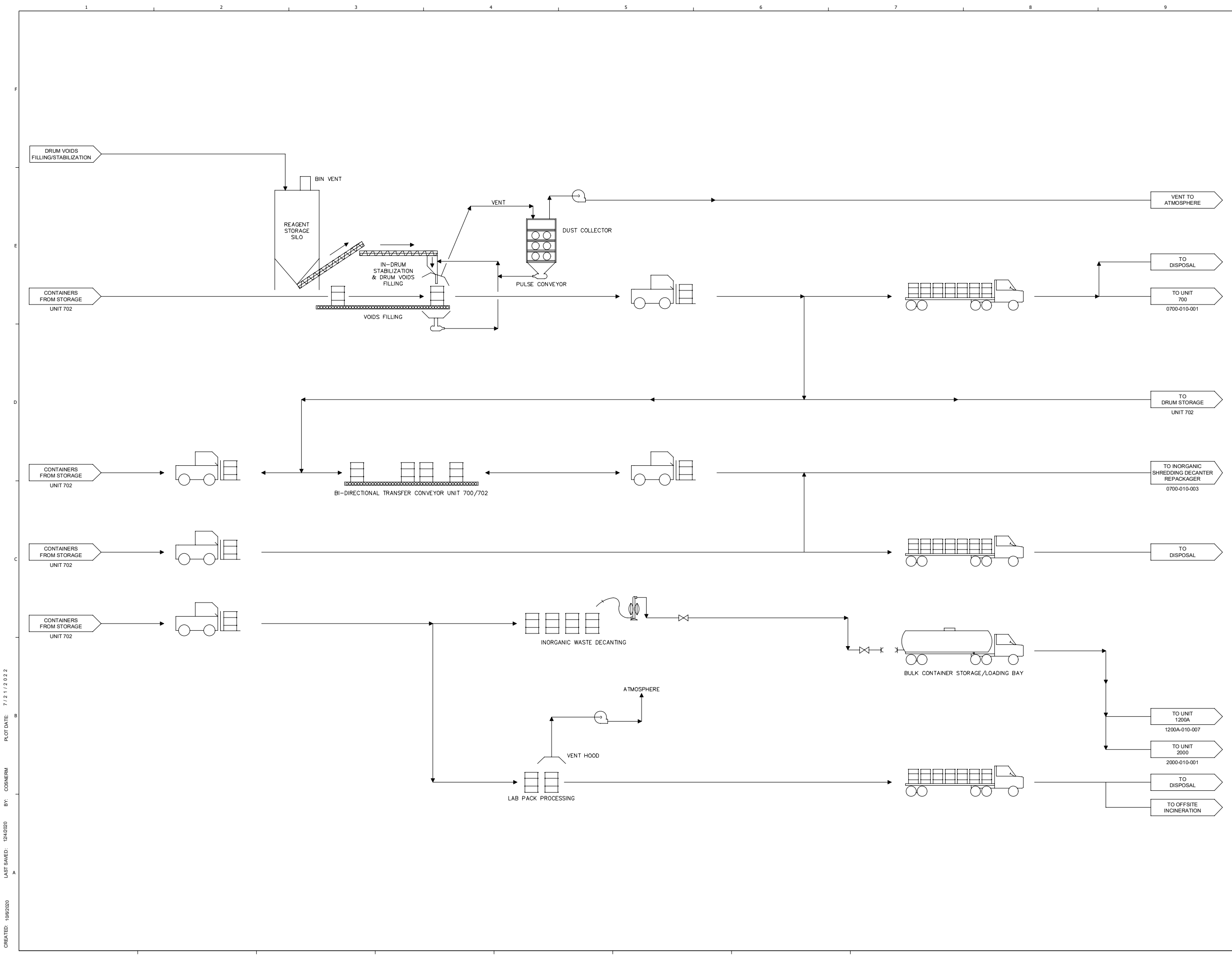


8 APRON/RAMP DETAIL
 REF. DWG. 0700-030-002
 SCALE: N.T.S.

NO.	REVISION DESCRIPTION	DATE
01	RCRA PART B PERMIT RENEWAL	
02		
03		
04		
05		
06		
07		
08		
09		
10		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

CREATED: 10/6/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

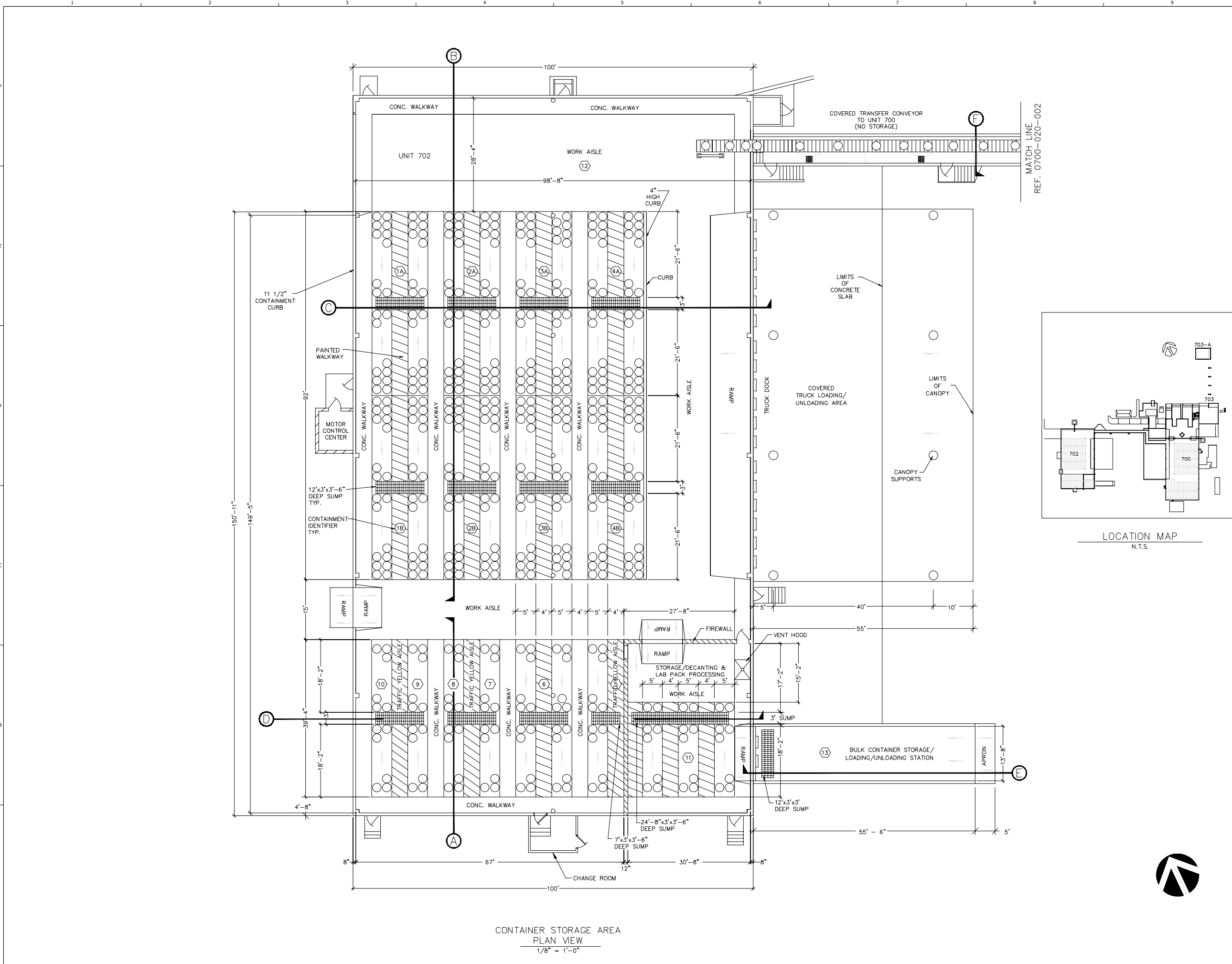


CREATED: 10/6/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

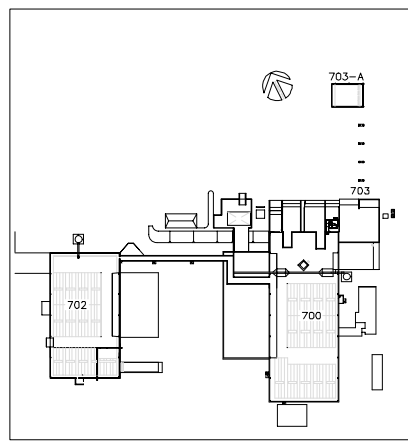
REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE: CONTAINERIZED WASTE PROCESSING UNIT 702 - PFD
 SHEET: 0702-010-001

CREATED: 10/2/2020 LAST SAVED: 2/4/2021 BY: KARUNA PLOT DATE: 7/21/2022



MATCH LINE REF. 0700-020-002



LOCATION MAP N.T.S.

CONTAINER STORAGE AREA PLAN VIEW 1/8" = 1'-0"



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
CHEMICAL WASTE MANAGEMENT INC.
EMELLE, ALABAMA TREATMENT FACILITY
SHELBY COUNTY, AL

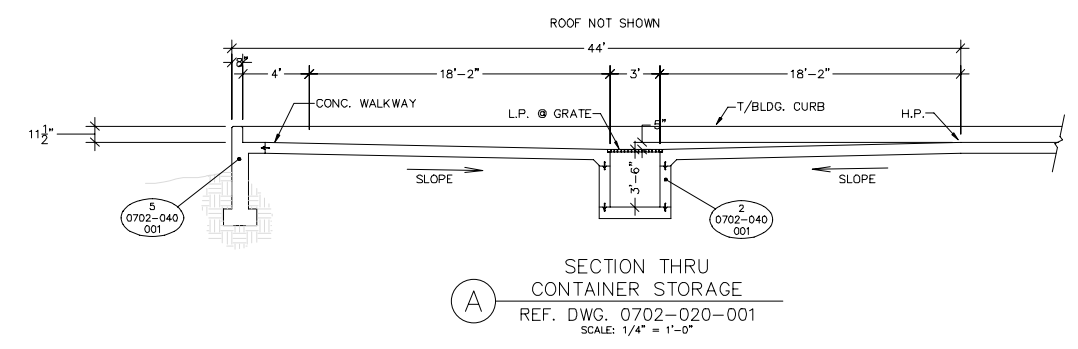
REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT
SHEET TITLE: CONTAINER MANAGEMENT UNIT 702 - PLAN VIEW
SHEET 0702-020-001

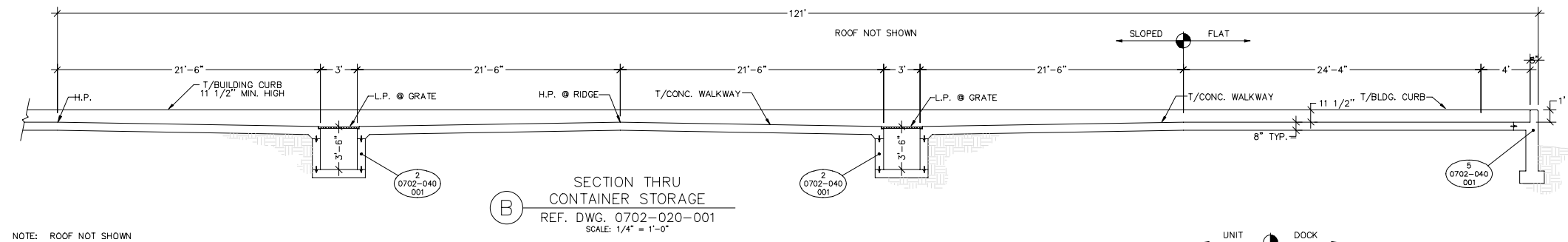


REV	DATE	REVISION DESCRIPTION
1.00	08/22	RCRA PART B PERMIT RENEWAL

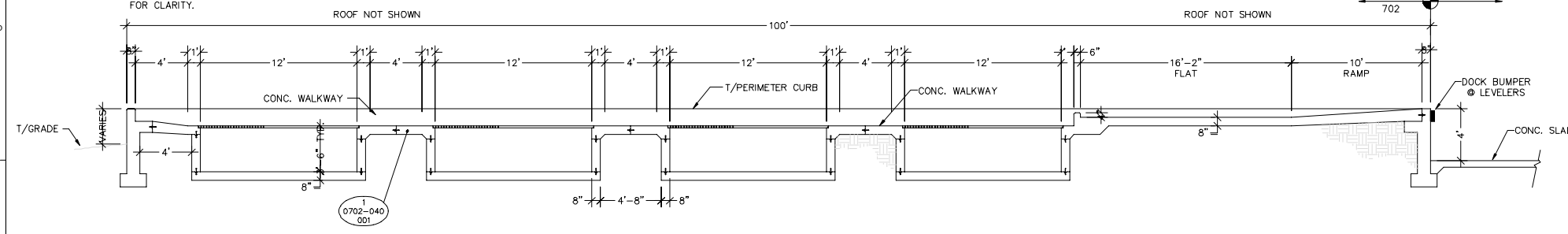
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



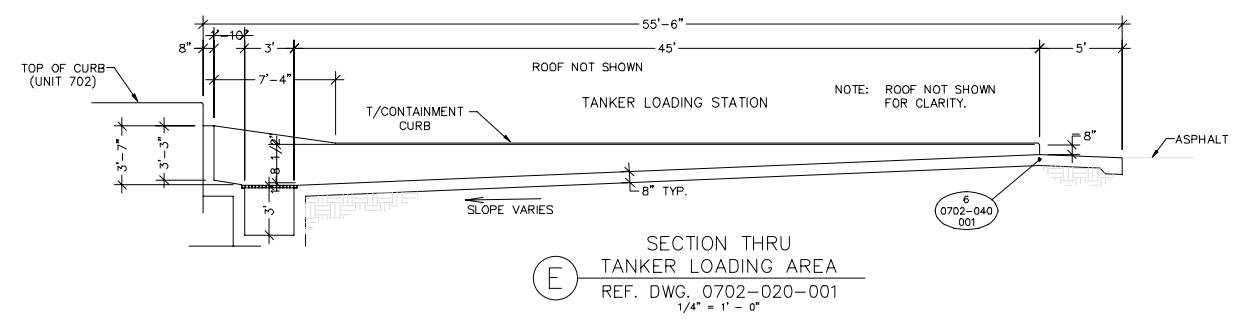
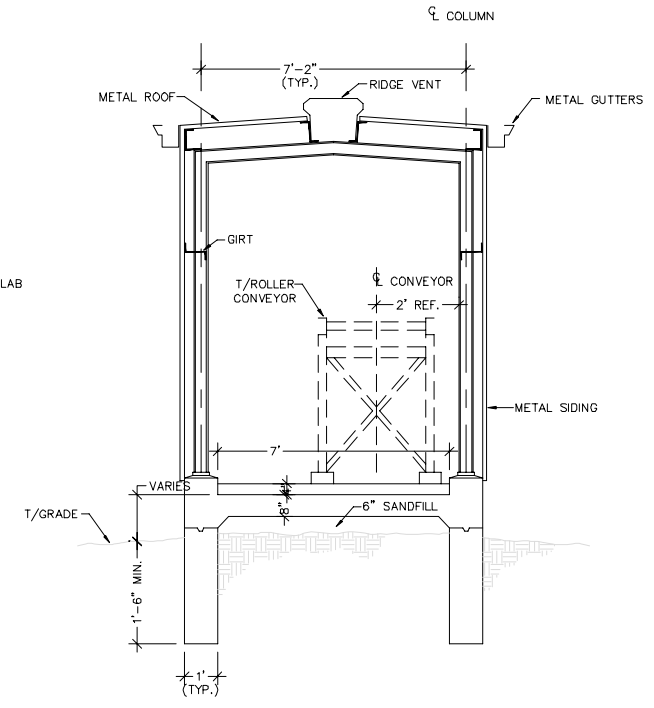
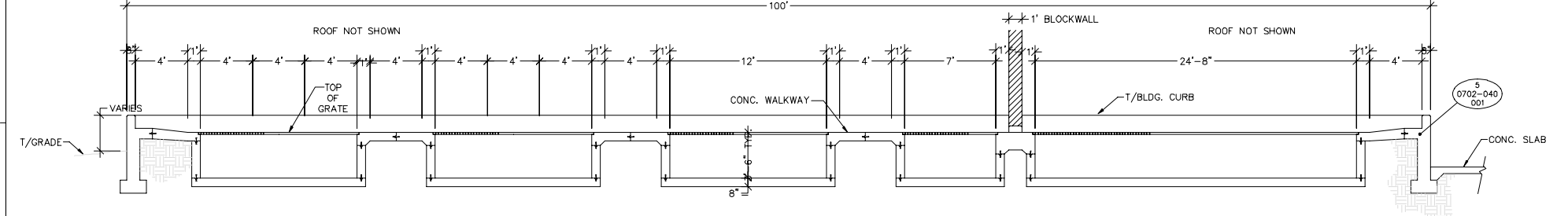
NOTE: ROOF NOT SHOWN FOR CLARITY.



NOTE: ROOF NOT SHOWN FOR CLARITY.

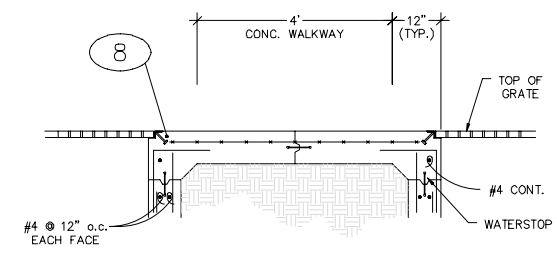


NOTE: ROOF NOT SHOWN FOR CLARITY.

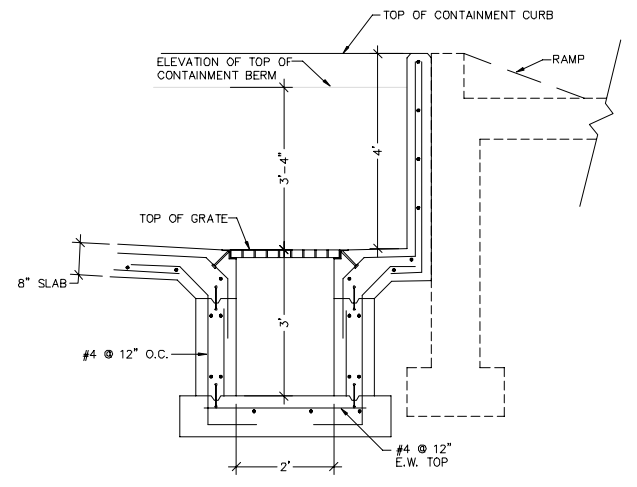


NOTE: ROOF NOT SHOWN FOR CLARITY.

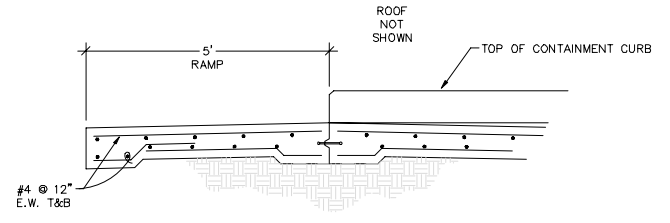
CREATD: 10/6/2020
 LAST SAVED: 24/2021
 BY: KARUNA
 PLOT DATE: 7/21/2022



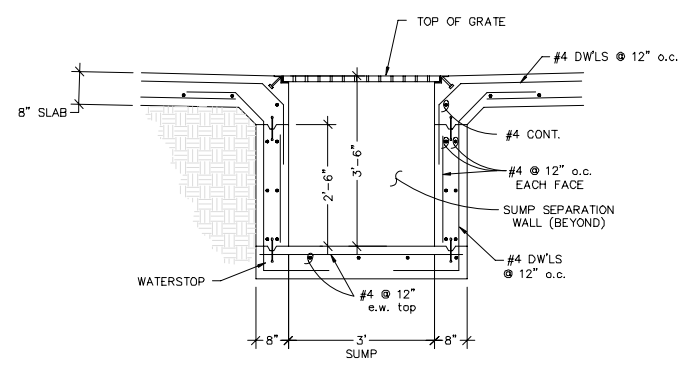
1 CONCRETE WALKWAY DETAIL
 REF. DWG. 0702-030-001
 SCALE: 3/4" = 1'-0"



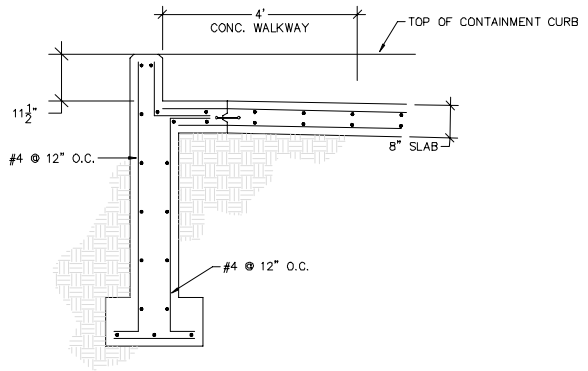
4 SECTION THRU SUMP @
LOADING/UNLOADING AREA
 REF. DWG. 0702-030-002
 SCALE: 3/4" = 1'-0"



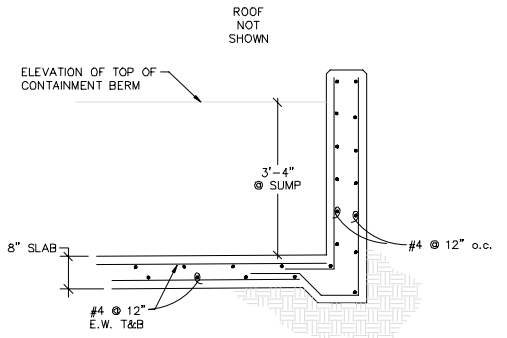
6 TYPICAL RAMP DETAIL
 REF. DWG. 0702-030-001
 SCALE: 3/4" = 1'-0"



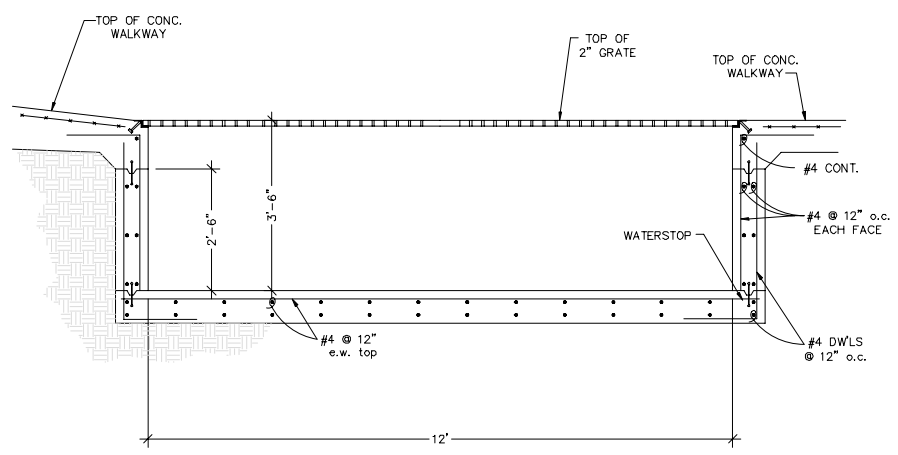
2 6" CONCRETE SEPARATION
WALL DETAIL @ SUMP
 REF. DWG. 0702-030-001
 SCALE: 3/4" = 1'-0"



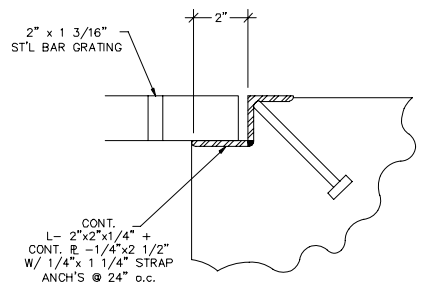
5 PERIMETER CURB
@ WALKWAY DETAIL
 REF. DWG. 0702-030-001
 SCALE: 3/4" = 1'-0"



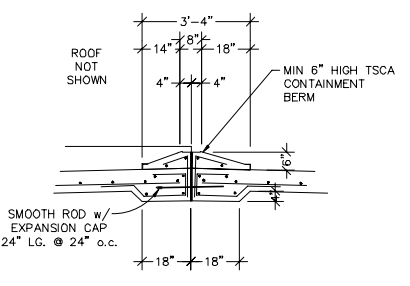
7 PERIMETER CURB @
LOADING/UNLOADING AREA
 REF. DWG. 0702-030-002
 SCALE: 3/4" = 1'-0"



3 6" CONCRETE SEPARATION
WALL DETAIL @ SUMP
 REF. DWG. 0702-030-001
 SCALE: 3/4" = 1'-0"



8 TYPICAL GRATING DETAIL
 SCALE: N.T.S.



9 CONTAINMENT BERM DETAIL
 REF. DWG. 0702-030-002
 SCALE: N.T.S.

NO.	REVISION DESCRIPTION	DATE
1.01	RCRA PART B PERMIT RENEWAL	

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

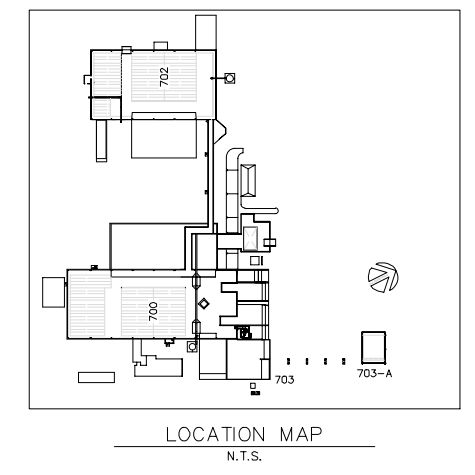
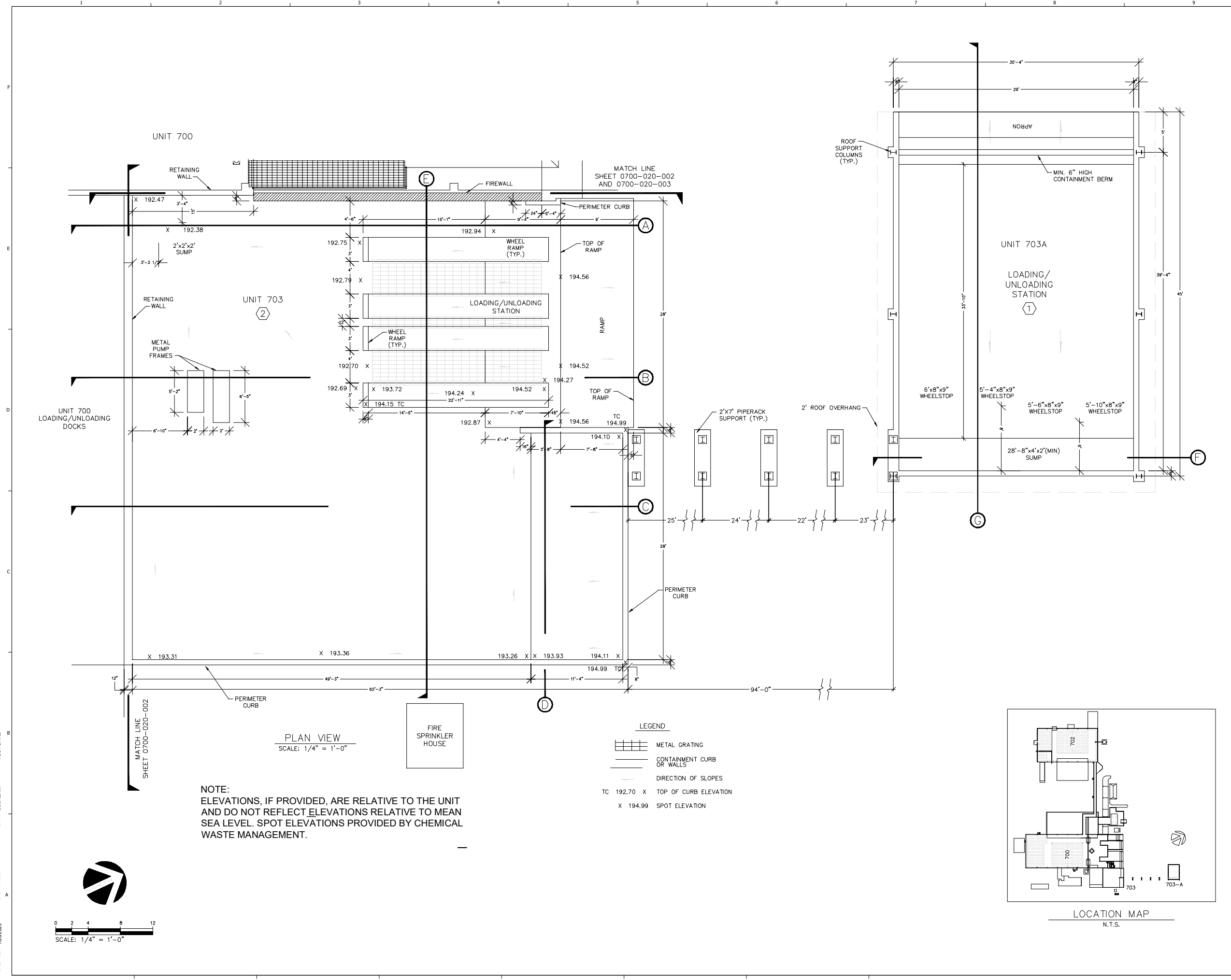
CREATED: 10/6/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



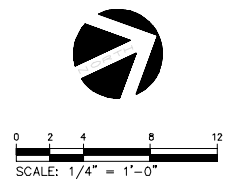
REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 INACTIVE UNIT 703 AND CONTAINER MANAGEMENT UNIT 703A - PLAN VIEW
 SHEET 0703A-020-001



CREATED: 10/6/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

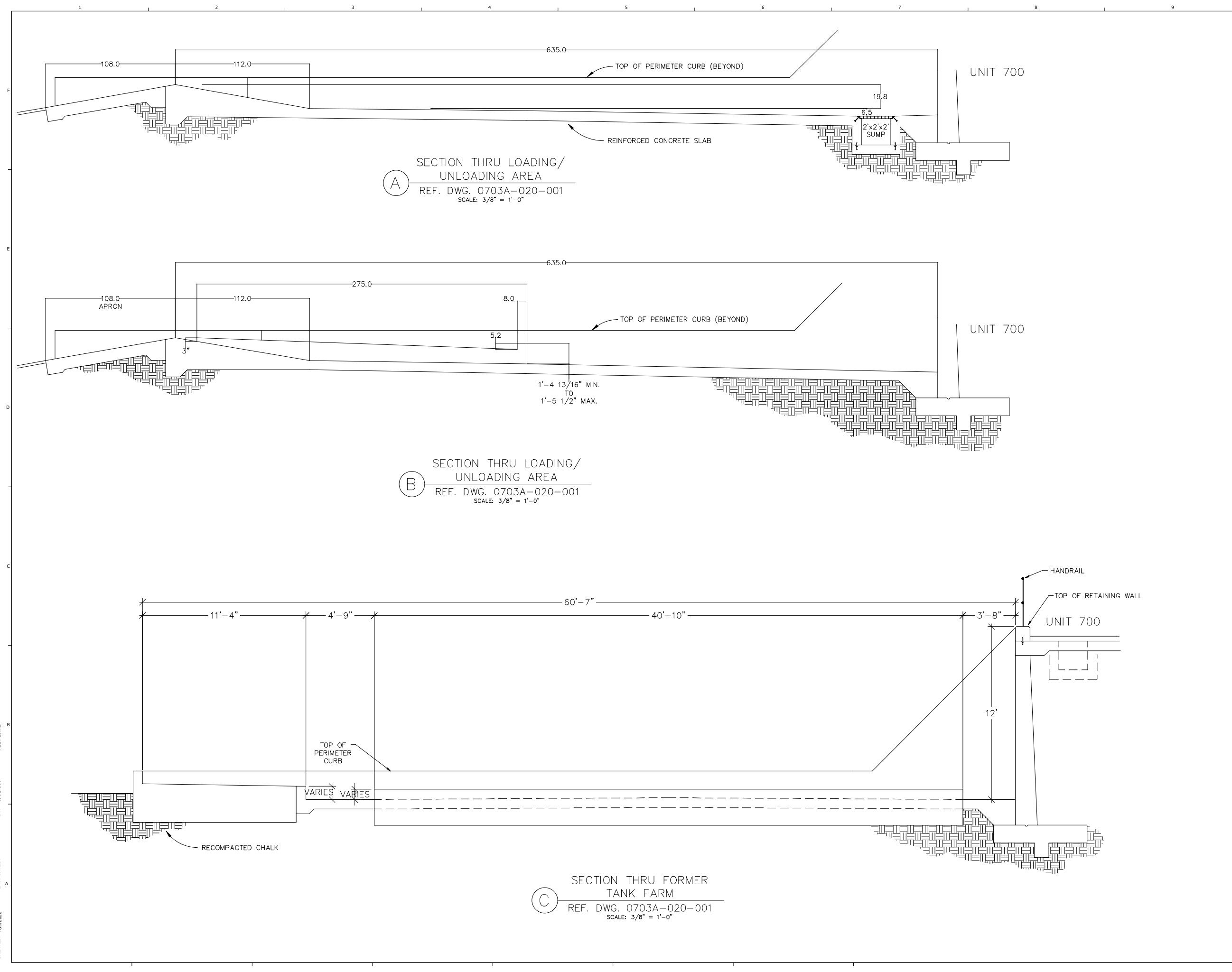




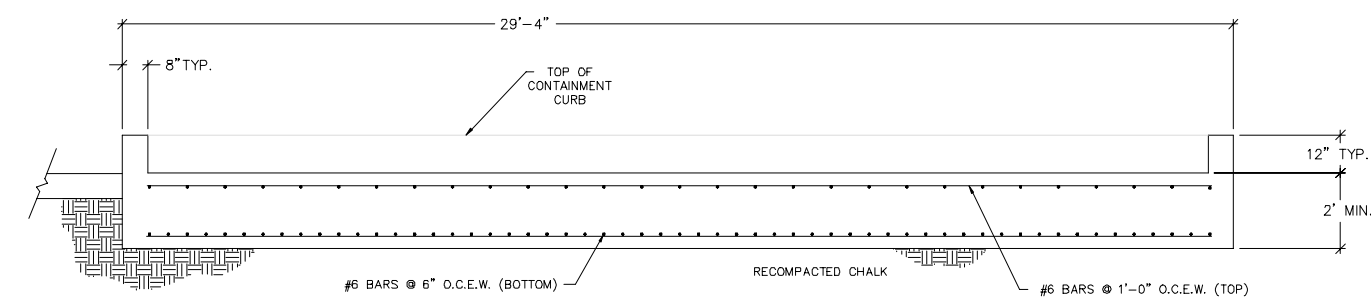
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL

NO.	DATE	REVISION DESCRIPTION
1	0822	RCRA PART B PERMIT RENEWAL

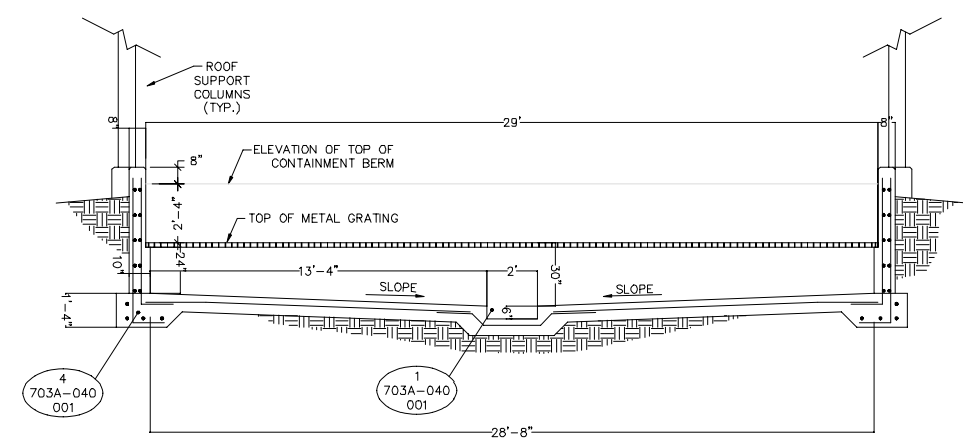
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



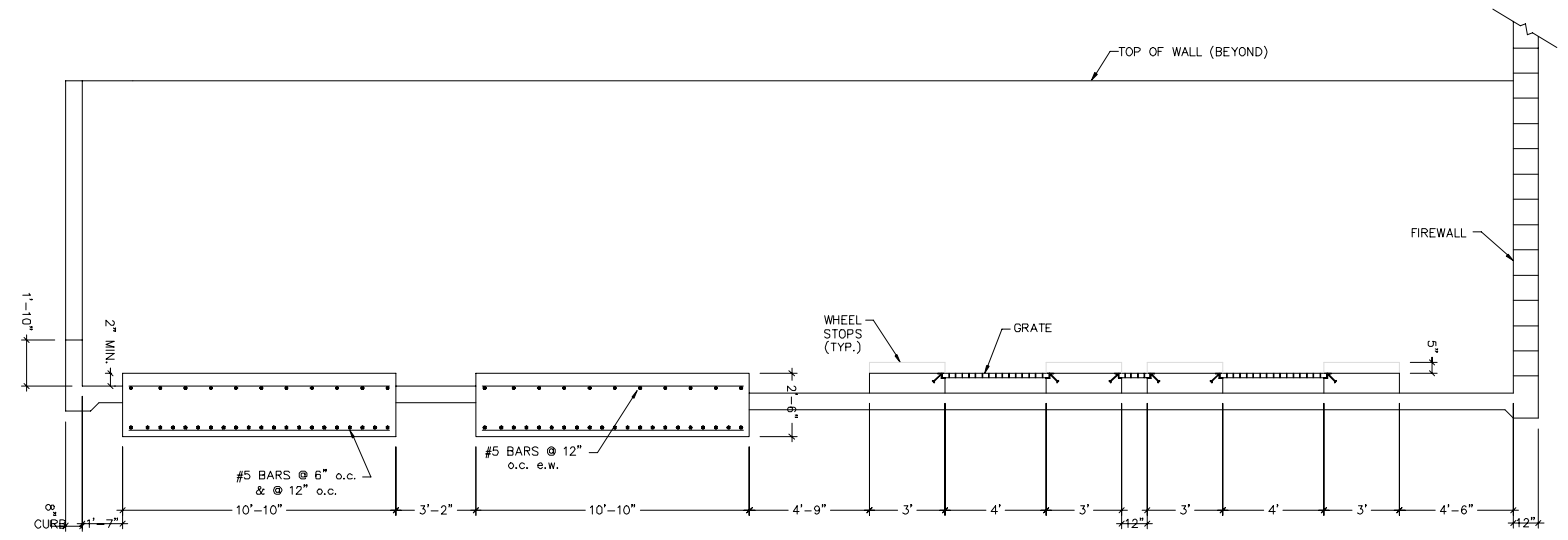
CREATED: 10/7/2020
 LAST SAVED: 3/1/2022
 BY: KARLARA
 PLOT DATE: 7/21/2022



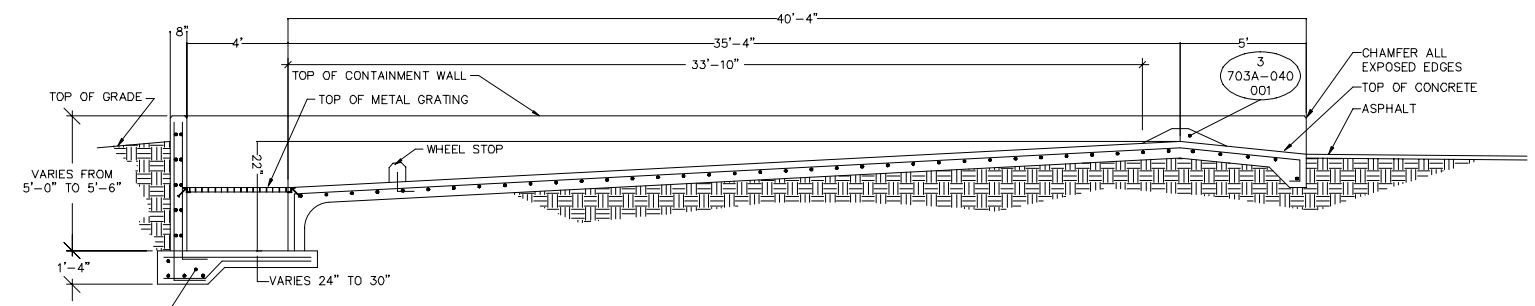
(D) SECTION THRU FORMER TANK FARM
 REF. DWG. 0703A-020-001
 SCALE: 3/8" = 1'-0"



(F) SECTION THRU CONTAINMENT SUMP
 REF. DWG. 0703A-020-001
 SCALE: 3/8" = 1'-0"



(E) SECTION THRU FORMER TANK FARM
 REF. DWG. 0703A-020-001
 SCALE: 3/8" = 1'-0"

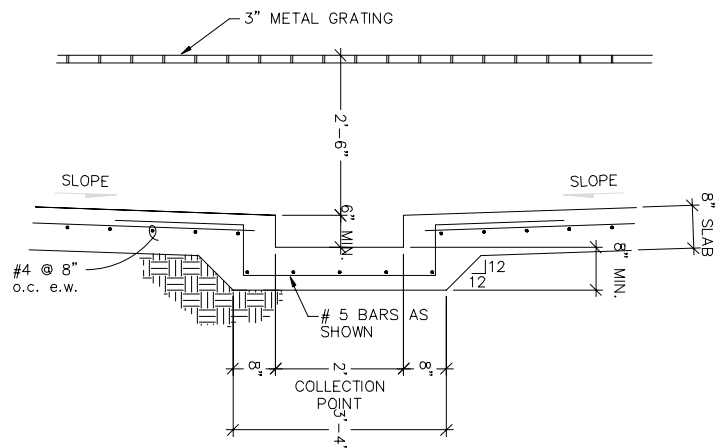


(G) SECTION THRU LOADING/UNLOADING BAY
 REF. DWG. 0703A-020-001
 SCALE: 3/8" = 1'-0"

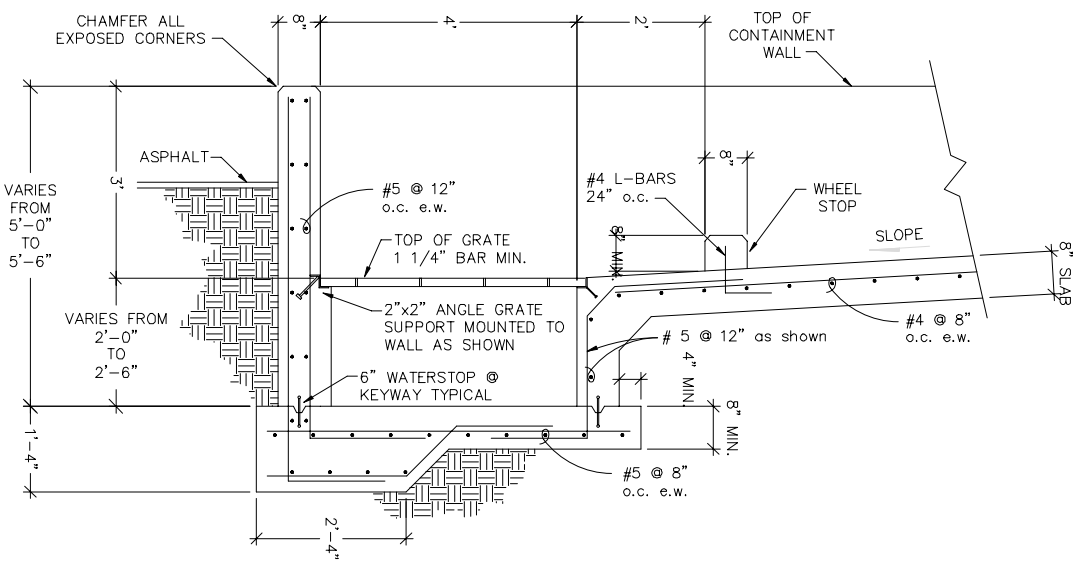
CREATED: 10/6/2020
 LAST SAVED: 3/22/2022
 BY: KARLARA
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

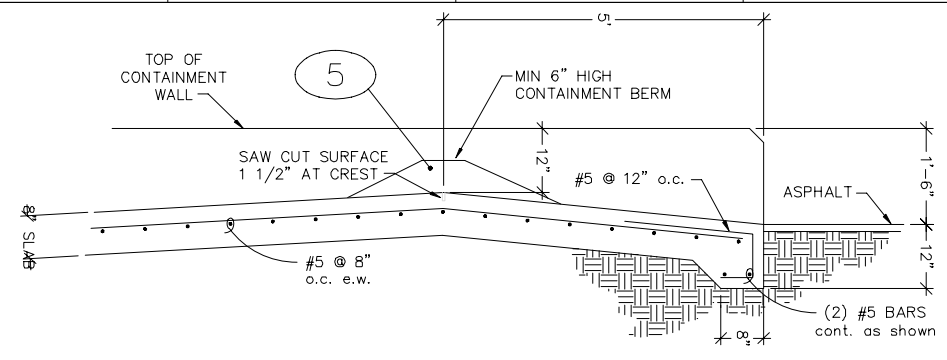
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



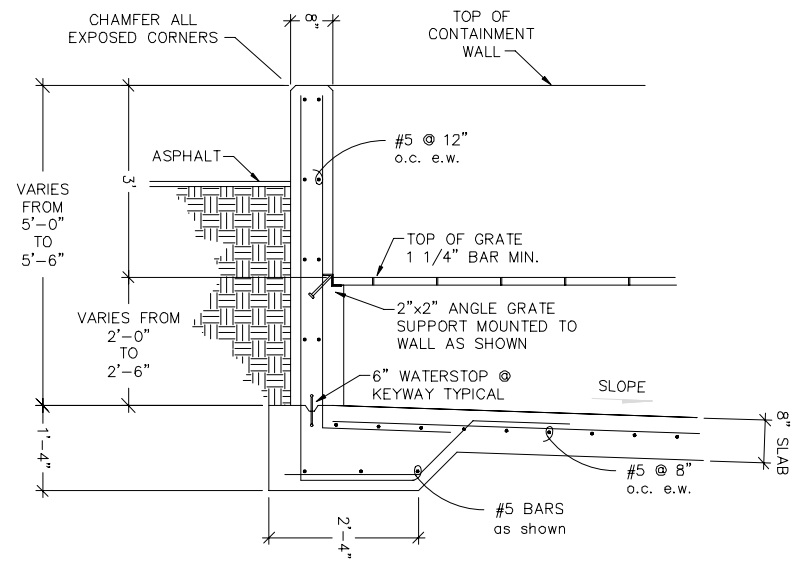
1 COLLECTION POINT IN SUMP DETAIL
REF. DWG. 0703A-030-002
SCALE: 3/4" = 1'-0"



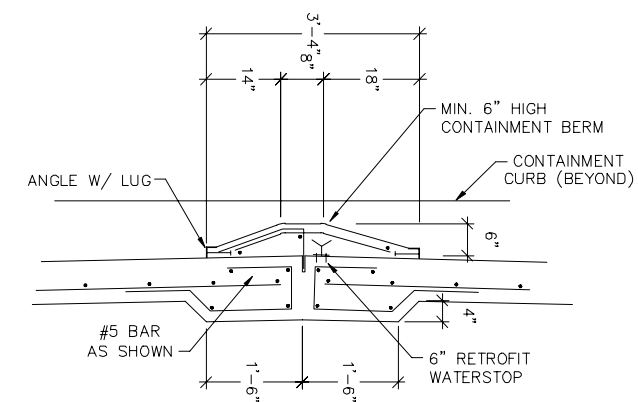
2 CONTAINMENT SUMP WALL DETAIL
REF. DWG. 0703A-030-002
SCALE: 3/4" = 1'-0"



3 APPROACH APRON TURNDOWN DETAIL
REF. DWG. 0703A-030-002
SCALE: 3/4" = 1'-0"



4 TYPICAL WALL SECTION
REF. DWG. 0703A-030-002
SCALE: 3/4" = 1'-0"



5 CONTAINMENT BERM DETAIL
REF. THIS DWG.
SCALE: 3/4" = 1'-0"

CREATED: 10/7/2020
LAST SAVED: 3/4/2021
BY: COSNERM
PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT

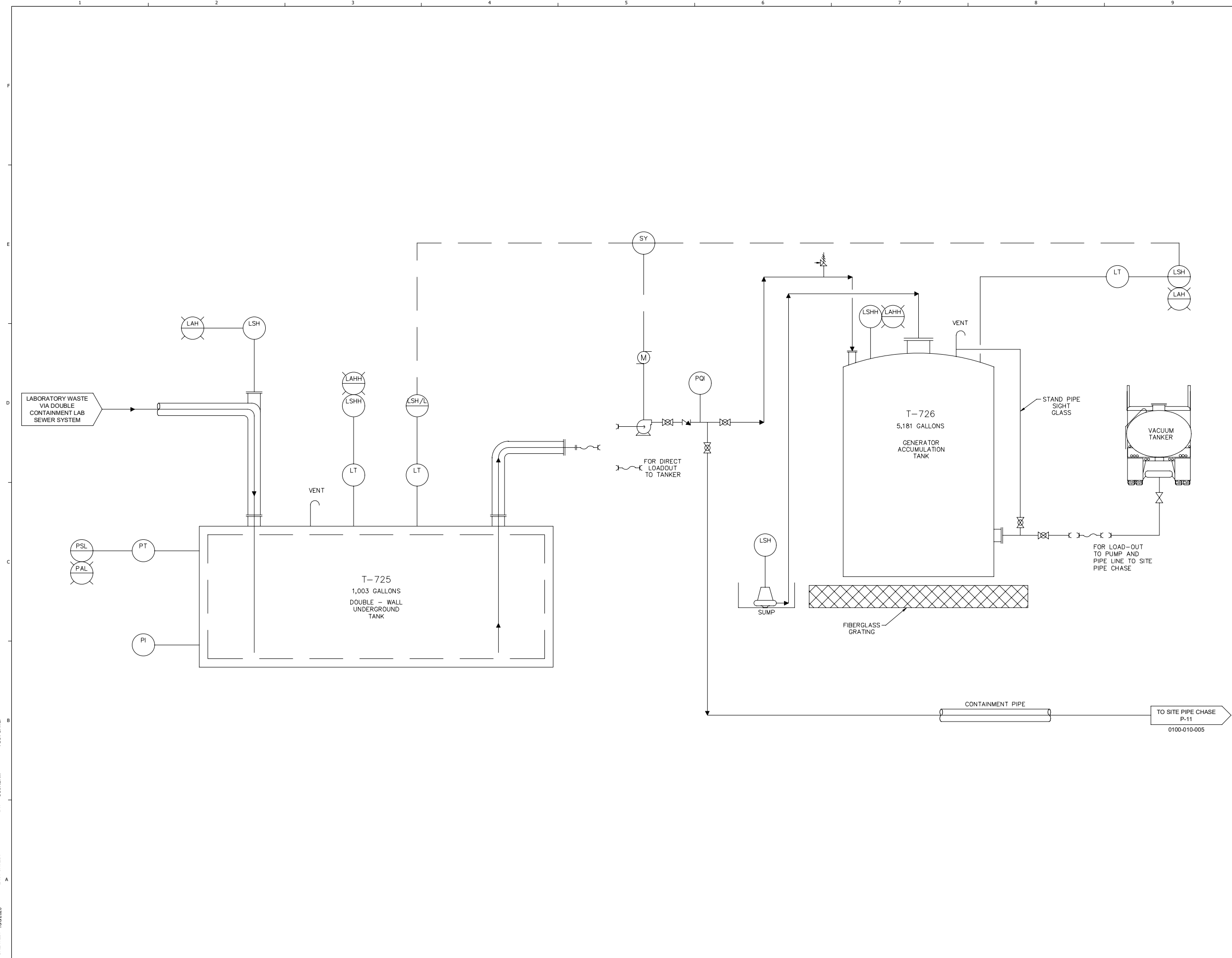


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SENTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

LABORATORY TANK STORAGE
 UNIT 708 - P&ID

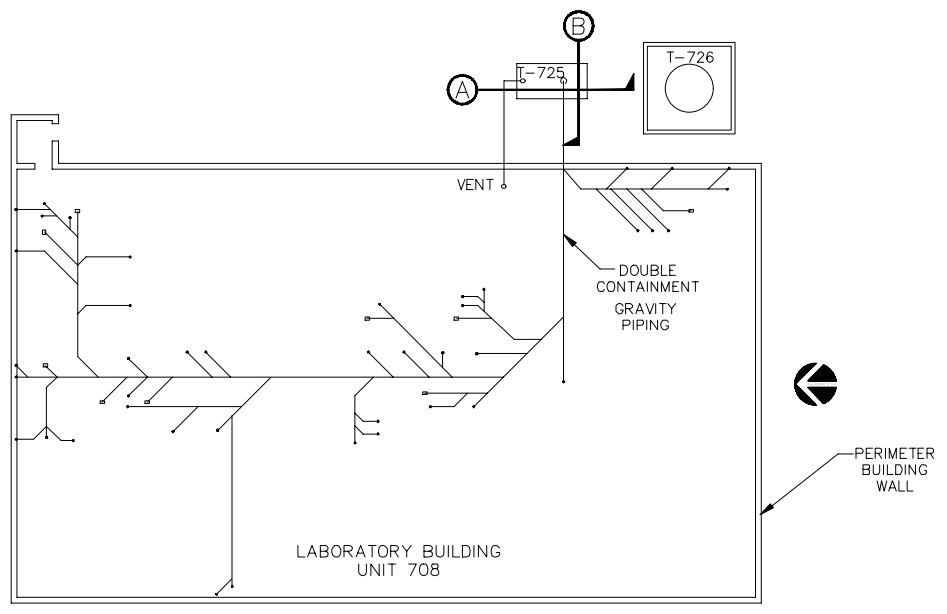


CREATED: 10/8/2020
 LAST SAVED: 12/12/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

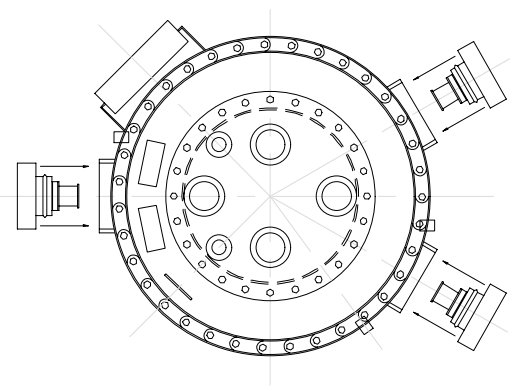


NO.	DATE	REVISION DESCRIPTION
1	0822	RCRA PART B PERMIT RENEWAL

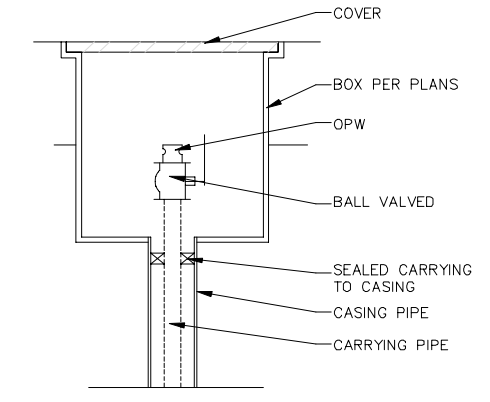
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 LABORATORY TANK STORAGE UNIT 708 - PIPING LAYOUT & TANK DETAILS
 SHEET 0708-020-001



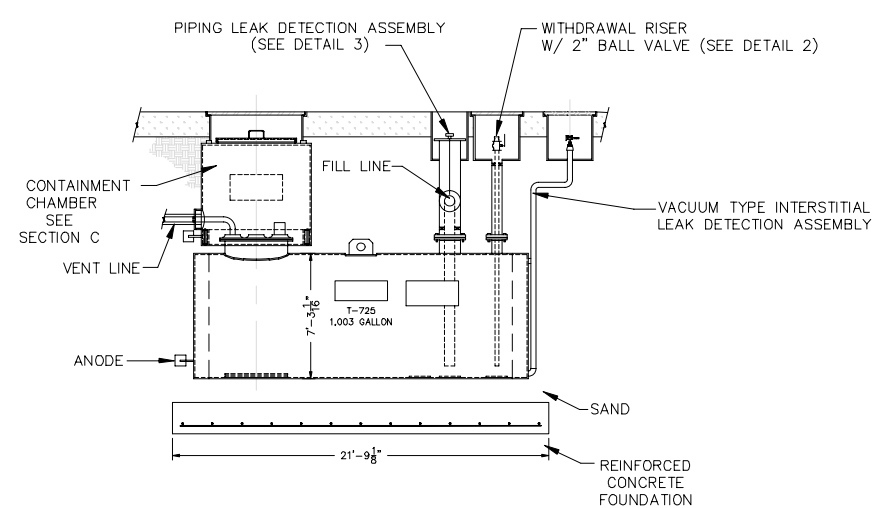
PIPING LAYOUT & PLAN VIEW
 UNIT 708
 SCALE: N.T.S.



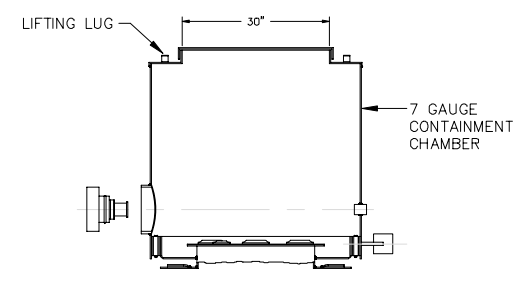
PLAN VIEW
 CONTAINMENT CHAMBER
 SCALE: N.T.S.



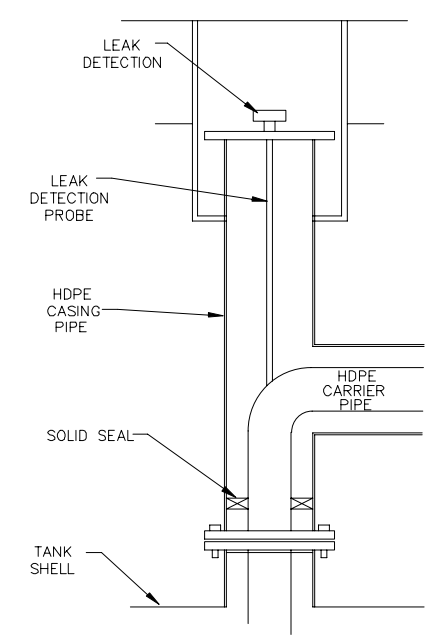
WITHDRAWAL RISER
 DETAIL
 SCALE: N.T.S.



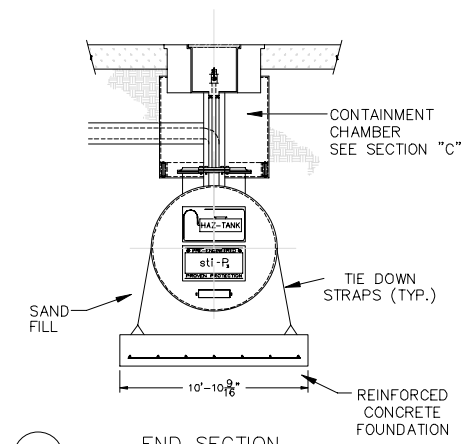
SECTION THRU T-725
 SCALE: N.T.S.



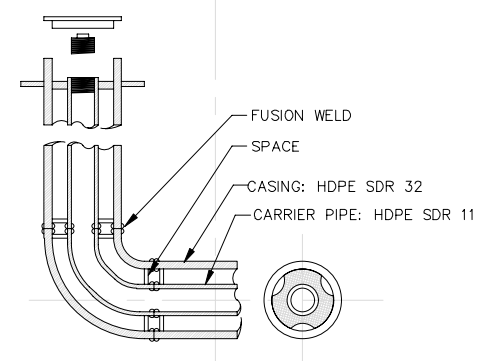
SECTION THRU
 CONTAINMENT CHAMBER
 SCALE: N.T.S.



SECONDARY CONTAINMENT LEVEL
 SWITCH FOR LEAK DETECTION
 SCALE: N.T.S.



END SECTION
 SCALE: N.T.S.

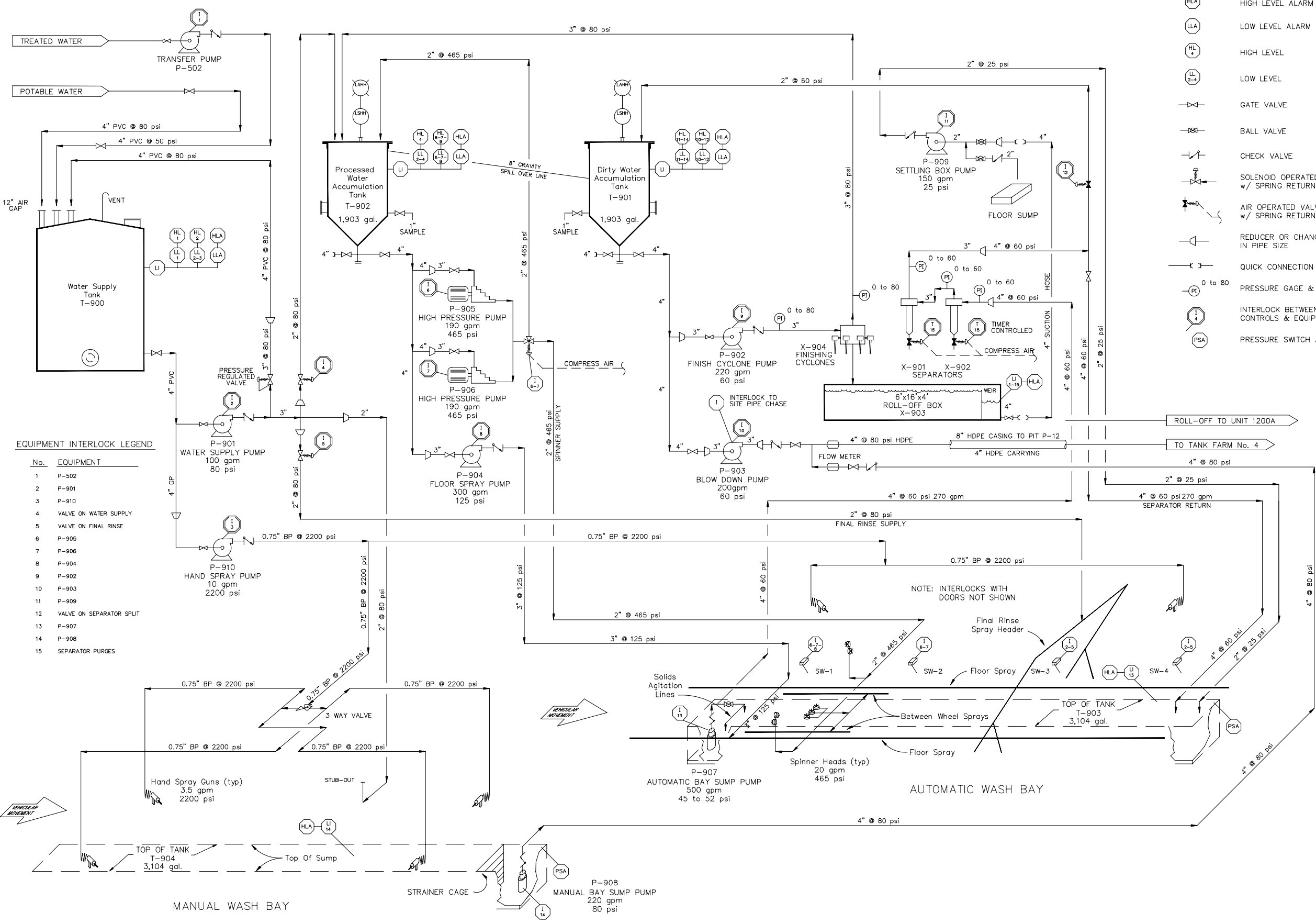


DOUBLE CONTAINMENT
 PIPE DETAIL (TYP)
 SCALE: N.T.S.

CREATED: 10/8/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

LEGEND

- LEVEL INDICATOR
- HIGH LEVEL ALARM
- LOW LEVEL ALARM
- HIGH LEVEL
- LOW LEVEL
- GATE VALVE
- BALL VALVE
- CHECK VALVE
- SOLENOID OPERATED VALVE w/ SPRING RETURN
- AIR OPERATED VALVE w/ SPRING RETURN
- REDUCER OR CHANGE IN PIPE SIZE
- QUICK CONNECTION
- PRESSURE GAGE & RANGE
- INTERLOCK BETWEEN CONTROLS & EQUIPMENT
- PRESSURE SWITCH ALARM



EQUIPMENT INTERLOCK LEGEND

No.	EQUIPMENT
1	P-502
2	P-901
3	P-910
4	VALVE ON WATER SUPPLY
5	VALVE ON FINAL RINSE
6	P-905
7	P-906
8	P-904
9	P-902
10	P-903
11	P-909
12	VALVE ON SEPARATOR SPLIT
13	P-907
14	P-908
15	SEPARATOR PURGES

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

WHEEL WASH & TANK STORAGE UNIT 900 - P&ID

CREATED: 10/8/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/12/1/2022



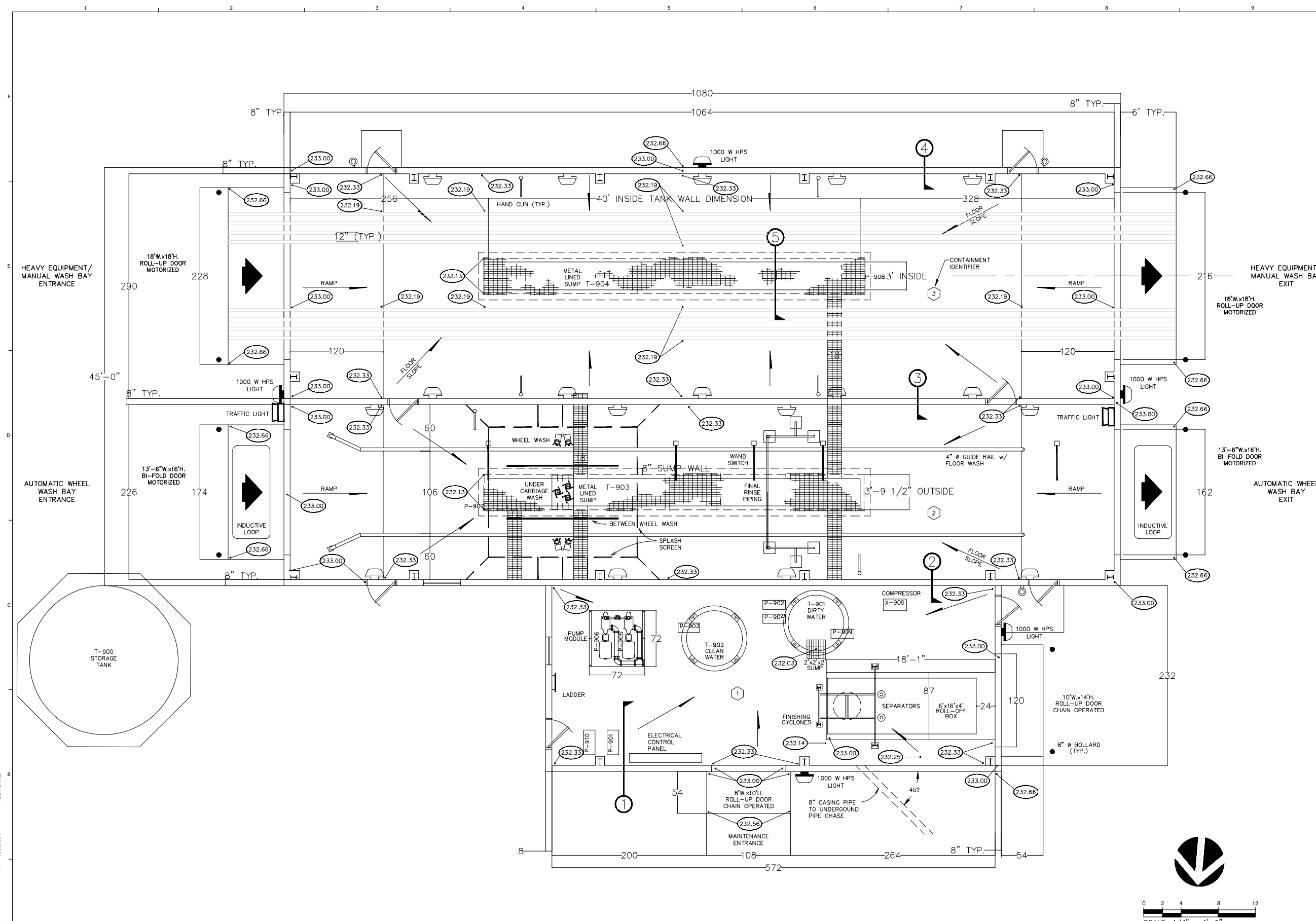
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
1.01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

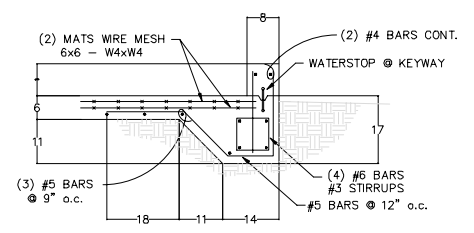
WHEEL WASH & TANK STORAGE UNIT 900 - PLAN VIEW

SHEET 0900-020-001

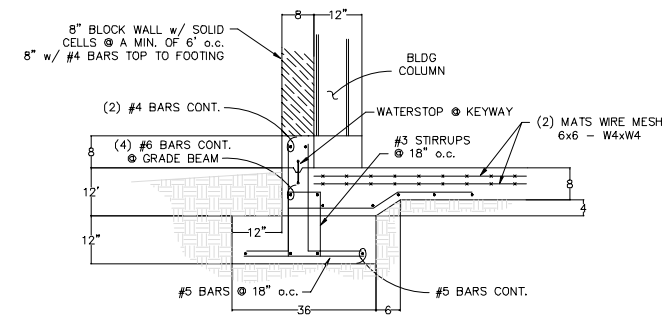


PLAN VIEW
 SCALE: 1/4" = 1'-0"

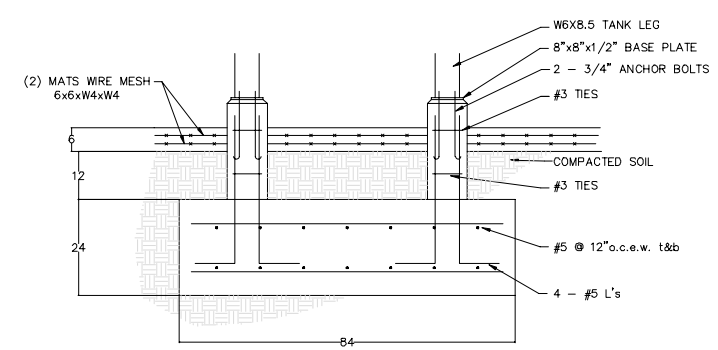
CREATED: 10/8/2020
 LAST SAVED: 3/22/2022
 BY: KARINA
 PLOT DATE: 7/21/2022



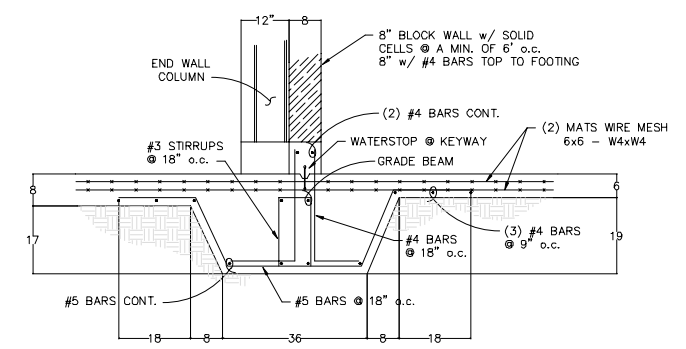
1 SECTION THRU EQUIPMENT ROOM
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"



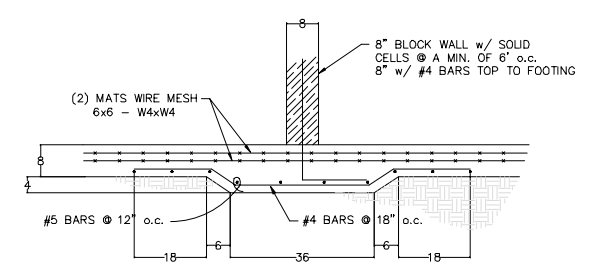
4 SECTION THRU PERIMETER WALL
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"



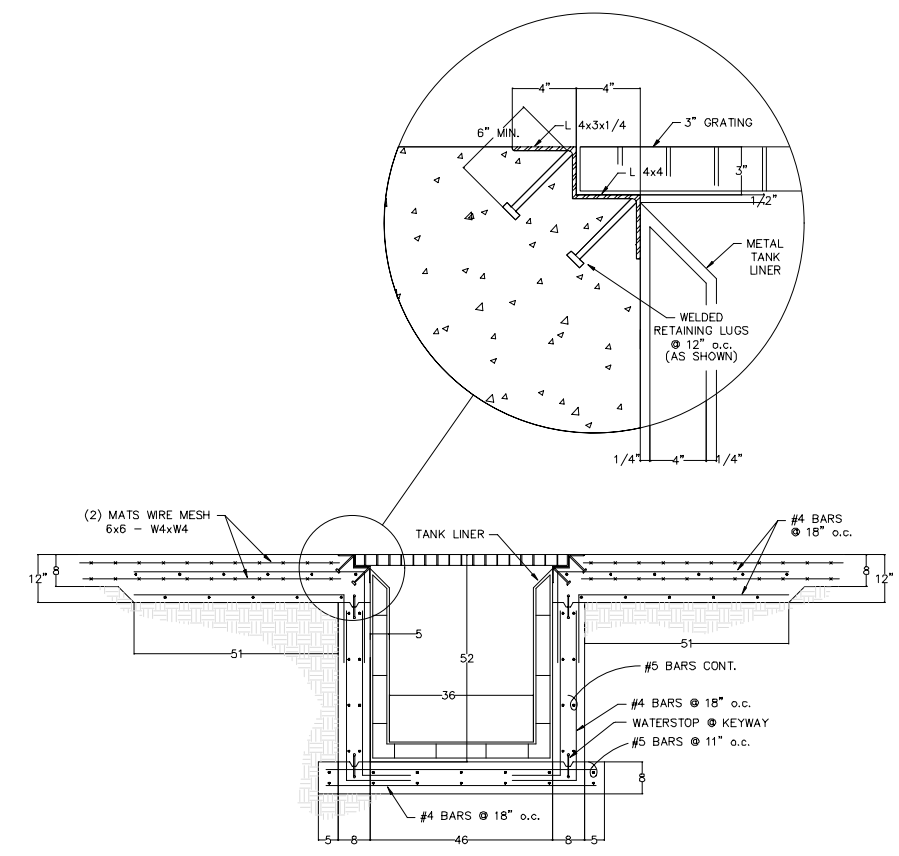
6 FOUNDATION DETAIL FOR T-901 & T-902
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"



2 SECTION THRU EQUIPMENT ROOM
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"



3 SECTION THRU SEPARATION WALL
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"



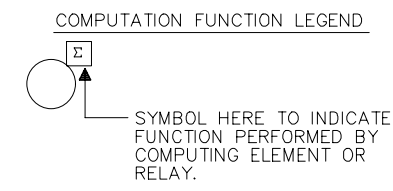
5 SECTION THRU TANKS T-903 & T-904
 REF. DWG. 0900-020-001
 SCALE: -3/4" = 1'-0"

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

CREATED: 10/8/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

- NOTES:**
- ANALYTICAL INSTRUMENTS ARE USED FOR THE FOLLOWING SERVICES: CO₂, SO₂, PH, ORP, TOTAL COMBUSTIBLES, ETC.
 - FOR ADDITIONAL SYMBOLS REQUIRED, BUT NOT SHOWN ON THIS DRAWING, CONSULT "INSTRUMENT SOCIETY OF AMERICA" STANDARD NUMBER ISA-S5.1, "INSTRUMENT SYMBOLS AND IDENTIFICATION"
 - WHERE APPLICABLE ALL SYMBOLS SHOWN MAY BE USED AS LOCAL INDICATORS, TRANSMITTERS, SWITCHES, AND/OR CONTROLLERS.



- SYMBOLS**
- | | | | | | |
|--------------------|--------------|------|------------------------------------|------------|-----------------------|
| Σ | SUMMING | f(t) | TIME FUNCTION | + , - or ± | BIAS |
| $\frac{\Sigma}{n}$ | AVERAGING | > | HIGH SELECTION | √ | SQUARE ROOT EXTRACTOR |
| Δ | DIFFERENCE | < | LOW SELECTION | X | RATIO OR MULTIPLIER |
| % | PROPORTIONAL | ⋈ | HIGH LIMITING | ÷ | DIVIDER |
| ∫ | INTEGRAL | ⋈ | LOW LIMITING | | |
| $\frac{d}{dt}$ | DERIVATIVE | f(x) | NON-LINEAR OR UNSPECIFIED FUNCTION | | |

PRIMARY VARIABLES					
LETTER	FIRST LETTER MEASURED OR INITIATING VALUE	MODIFIER (TO FIRST LETTER)	SUCCEEDING LETTERS READOUT OR PASSIVE FUNCTION	OUTPUT FUNCTION	MODIFIER (TO OUTPUT FUNCTION)
A	ANALYSIS (SEE NOTE 1)		ALARM		AIR
B	BURNER/COMBUSTION		USER'S CHOICE	USER'S CHOICE	USER'S CHOICE
C	CONDUCTIVITY	CONTROL		CONTROLLER	
D	DENSITY/DRAFT	DIFFERENTIAL			DEVIATION
E	VOLTAGE		ELEMENT(SENSOR)		ENERGIZE
F	FLOW				FAIL
G	USER'S CHOICE		GLASS/VIEWING DEVICE		
H	HUMIDITY/HAND				HIGH
I	CURRENT	INDICATING	INDICATOR		
J	POWER	SCAN			IN
K	CONSISTENCY	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL	LIMIT	LIGHT		LOW/LAST
M	MOISTURE	MOMENTARY			MIDDLE/INTERMED.
N	USER'S CHOICE		USER'S CHOICE	USER'S CHOICE	USER'S CHOICE
O	USER'S CHOICE		ORIFICE/RESTRICTION		OPEN/OUT
P	PRESSURE, VACUUM		POINT (TEST) CONNECT		RATIO/RAPID
Q	QUANTITY	INTEGRATE/TOTALIZE			
R	RADIATION/REMOTE	RATIO/RECORDING	RECORDER		RELIEF
S	SPEED/FREQUENCY	SAFETY			SUPPLY
T	TEMPERATURE			SWITCH	
U	MULTI-VARIABLE		MULTIFUNCTION	TRANSMITTER	MULTIFUNCTION
V	VIBRATION/VISCOSITY			VALVE/DAMPER/LOUVER	
W	WEIGHT/FORCE		WELL		
X	UNCLASSIFIED	X-AXIS	UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT/STATE/PRESENCE	Y-AXIS		RELAY/COMPUTE/CONVERT	
Z	POSITION/DIMENSION	Z-AXIS		DRIVER/ACTUATOR/UNCLASSIFIED FINAL CONTROL ELEMENT	

CONVENTIONAL DRAWING SYMBOLLOGY				
	PRIMARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR	AUXILIARY LOCATION NORMALLY ACCESSIBLE TO OPERATOR	REAR OF PANEL NORMALLY INACCESSIBLE TO OPERATOR	FIELD MOUNTED
DISCRETE INSTRUMENTS	(Circle)	(Circle with horizontal line)	(Circle with vertical line)	(Circle with diagonal line)
SHARED DISPLAY, SHARED CONTROL (DCS SYSTEM)	(Square)	(Square with horizontal line)	(Square with vertical line)	(Square with diagonal line)
SUPERVISORY COMPUTER FUNCTION	(Hexagon)	(Hexagon with horizontal line)	(Hexagon with vertical line)	(Hexagon with diagonal line)
PROGRAMMABLE LOGIC CONTROL	(Diamond)	(Diamond with horizontal line)	(Diamond with vertical line)	(Diamond with diagonal line)

TYPICAL INSTRUMENT LINE IDENTIFICATION

- Solid line: DIRECT CONNECTION TO PROCESS
- Dashed line: PNEUMATIC SIGNAL
- Dotted line: ELECTRIC OR ELECTRONIC SIGNAL
- Line with 'X' marks: CAPILLARY (FLUID FILLED)
- Line with 'Z' marks: ELECTROMAGNETIC OR SONIC SIGNAL
- Line with 'S' marks: SOFTWARE LINK OR DATA LINK
- Line with 'H' marks: HYDRAULIC SIGNAL

CONVENTIONAL DRAWING SYMBOLLOGY

VALVES

- GATE (Normally closed, hand valve only)
- BALL (Normally closed)
- GLOBE (Normally closed)
- PLUG (Normally closed)
- PINCH OR DIAPHRAM (Normally closed)
- CHECK OR VAC. BREAKER
- AIR RELEASE

PIPING P & I SYMBOLLOGY

VALVES

- GATE (Normally closed, hand valve only)
- BALL (Normally closed)
- GLOBE (Normally closed)
- PLUG (Normally closed)
- PINCH OR DIAPHRAM (Normally closed)
- CHECK OR VAC. BREAKER
- AIR RELEASE

PIPING LINES

- NEW MAIN PROCESS LINE
- EXIST. MAIN PROCESS LINE
- NEW AUX. PROCESS LINE
- EXIST. AUX. PROCESS LINE
- OUTSIDE LIMITS OF VENDOR FURNISHED PACKAGE
- VENDOR SUPPLIED PIPING
- EXIST. AUX. PROCESS LINE

MISCELLANEOUS PIPING COMPONENTS

- RESTRICTING ORIFICE
- EXPANSION JOINT
- TEST PORT
- FLEX HOSE
- FLEX TYPE CONNECTION
- HOSE CONNECTION
- SIGHT GLASS
- CONE STRAINER
- BASKET STRAINER
- SHOWER
- REDUCER/CONCENTRIC
- REDUCER F/T
- REDUCER F/B
- STRAINERS
- SINGLE STRAINER
- BLOW DOWN VALVE

TYPICAL INTERLOCK SYMBOLS & METHOD

INTERLOCKS ARE TO BE IDENTIFIED AS SHOWN. ALL ITEMS THAT ARE CONNECTED ELECTRICALLY ARE TO BE INDICATED BY THE SAME NUMBER. IN THE NOTE COLUMN ON THE PIPING AND INSTRUMENT DIAGRAM, A BRIEF DESCRIPTION IS TO BE WRITTEN EXPLAINING THE SEQUENCE OF OPERATION FOR EACH INTERLOCK NUMBER, OR A REFERENCE TO AN APPROPRIATE LOGIC DIAGRAM OR BOTH.

LOGIC SYMBOLS LEGEND

- "AND" GATE - ALL INPUTS MUST BE PRESENT FOR SEQUENCE TO PROCEED.
- "OR" GATE - ANY ONE OF THE INPUTS MUST BE PRESENT FOR SEQUENCE TO PROCEED.
- "NAND" GATE - ALL INPUTS MUST BE PRESENT FOR OUTPUT TO BE ABSENT.
- "NOR" GATE - ANY ONE OF THE INPUTS MUST BE PRESENT FOR OUTPUT TO BE ABSENT.
- TIMER - A LOGICAL 1 AT RESET WILL RESET TIMER.
- * TAE - TIME AFTER ENERGIZE THE OUTPUT WILL BECOME A 1 AT A PRESET TIME AFTER THE INPUT IS 1.
- TAD - TIME AFTER DE-ENERGIZE THE OUTPUT WILL BECOME A 0 AT A PRESET TIME AFTER THE INPUT IS 0.
- "NOT" - WITH THE INPUT PRESENT THE OUTPUT IS ABSENT AND VICE VERSA.
- STATEMENT OF FACT OR CONDITION PRESENT.

CREATED: 10/9/2020
 LAST SAVED: 12/10/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

NO.	REVISION DESCRIPTION	DATE

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

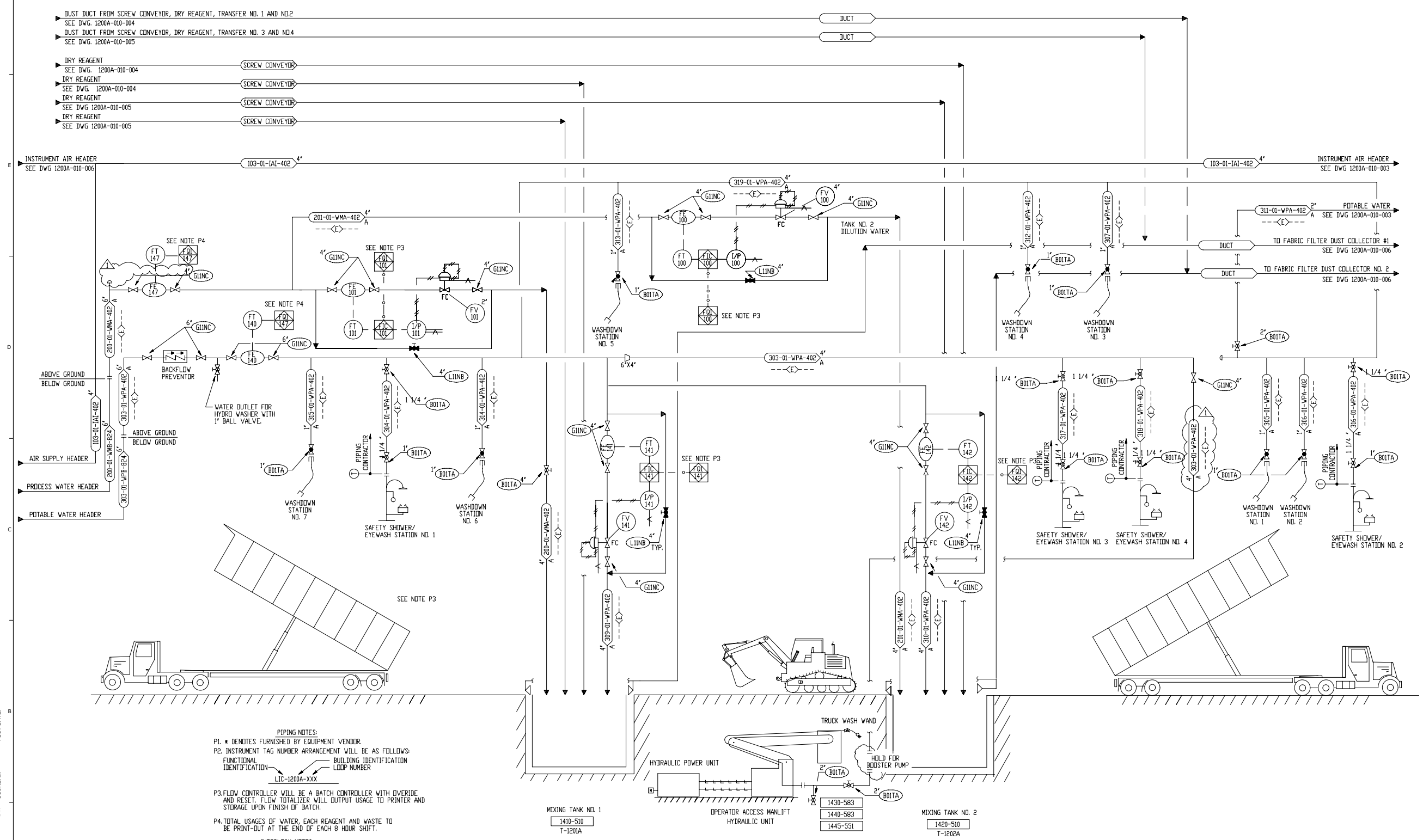
PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

BUILDING 1200A - PIPING & INSTRUMENTATION SYMBOLLOGY

SHEET 1200A-010-000

NO.	DATE	REVISION DESCRIPTION
1.01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE



▶ DUST DUCT FROM SCREW CONVEYOR, DRY REAGENT, TRANSFER NO. 1 AND NO.2
 SEE DWG. 1200A-010-004
 ▶ DUST DUCT FROM SCREW CONVEYOR, DRY REAGENT, TRANSFER NO. 3 AND NO.4
 SEE DWG. 1200A-010-005

▶ DRY REAGENT
 SEE DWG. 1200A-010-004
 ▶ DRY REAGENT
 SEE DWG. 1200A-010-004
 ▶ DRY REAGENT
 SEE DWG. 1200A-010-005
 ▶ DRY REAGENT
 SEE DWG. 1200A-010-005

INSTRUMENT AIR HEADER
 SEE DWG 1200A-010-006

ABOVE GROUND
 BELOW GROUND

AIR SUPPLY HEADER

PROCESS WATER HEADER

POTABLE WATER HEADER

BACKFLOW PREVENTOR

WATER OUTLET FOR HYDRO WASHER WITH 1" BALL VALVE.

PIPING NOTES:
 P1 * DENOTES FURNISHED BY EQUIPMENT VENDOR.
 P2. INSTRUMENT TAG NUMBER ARRANGEMENT WILL BE AS FOLLOWS:
 FUNCTIONAL IDENTIFICATION BUILDING IDENTIFICATION LOOP NUMBER
 LIC-1200A-XXX

P3. FLOW CONTROLLER WILL BE A BATCH CONTROLLER WITH OVERRIDE AND RESET. FLOW TOTALIZER WILL OUTPUT USAGE TO PRINTER AND STORAGE UPON FINISH OF BATCH.

P4. TOTAL USAGES OF WATER, EACH REAGENT AND WASTE TO BE PRINT-OUT AT THE END OF EACH 8 HOUR SHIFT.

INTERLOCK NOTES:
 ① ALL BUILDING VEHICLE DOORS WILL BE INTERLOCKED TO PREVENT MORE THAN ONE (1) DOOR TO BE OPEN AT ANY TIME.(1)

MIXING TANK NO. 1
 1410-510
 T-1201A

HYDRAULIC POWER UNIT

OPERATOR ACCESS MANLIFT
 HYDRAULIC UNIT

1430-583
 1440-583
 1445-551

MIXING TANK NO. 2
 1420-510
 T-1202A

CREATED: 10/8/2020
 LAST SAVED: 12/2/2020
 BY: COSMIERM
 PLOT DATE: 7/21/2022

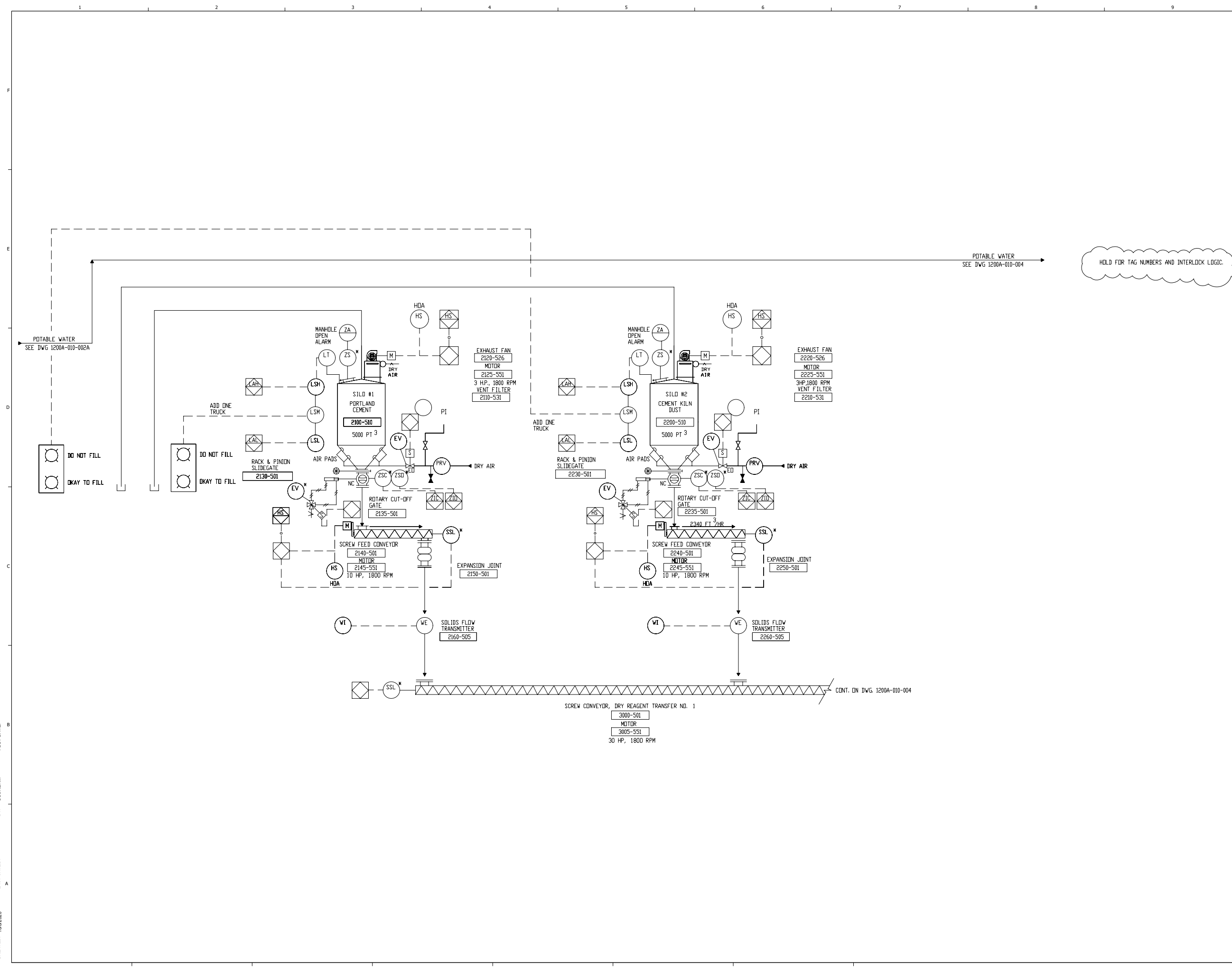


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUTHER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

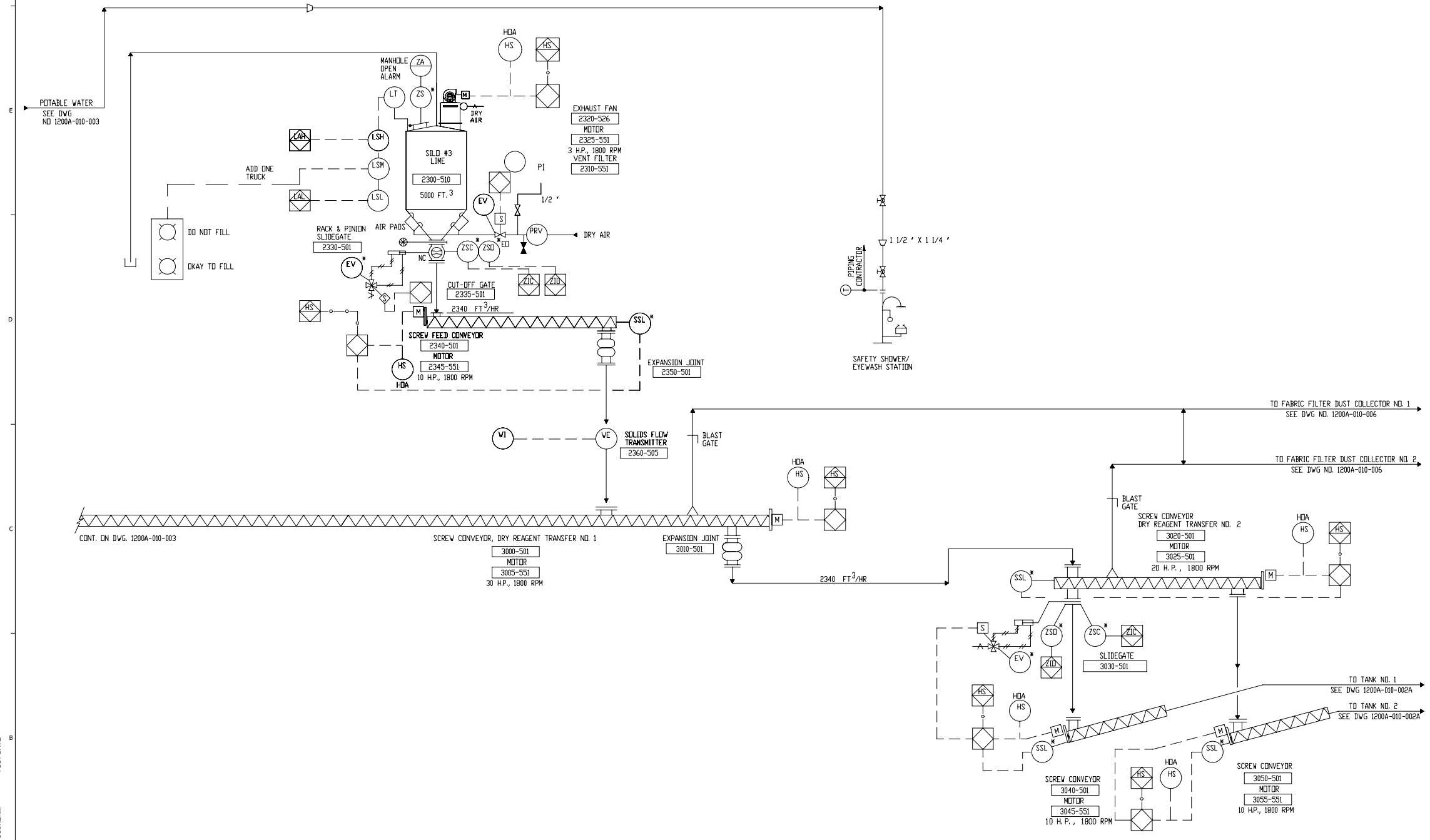
BUILDING 1200A - P&ID
 SHEET 1200A-010-003



CREATED: 10/8/2020
 LAST SAVED: 12/20/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



HOLD FOR TAG NUMBERS AND INTERLOCK LOGIC.



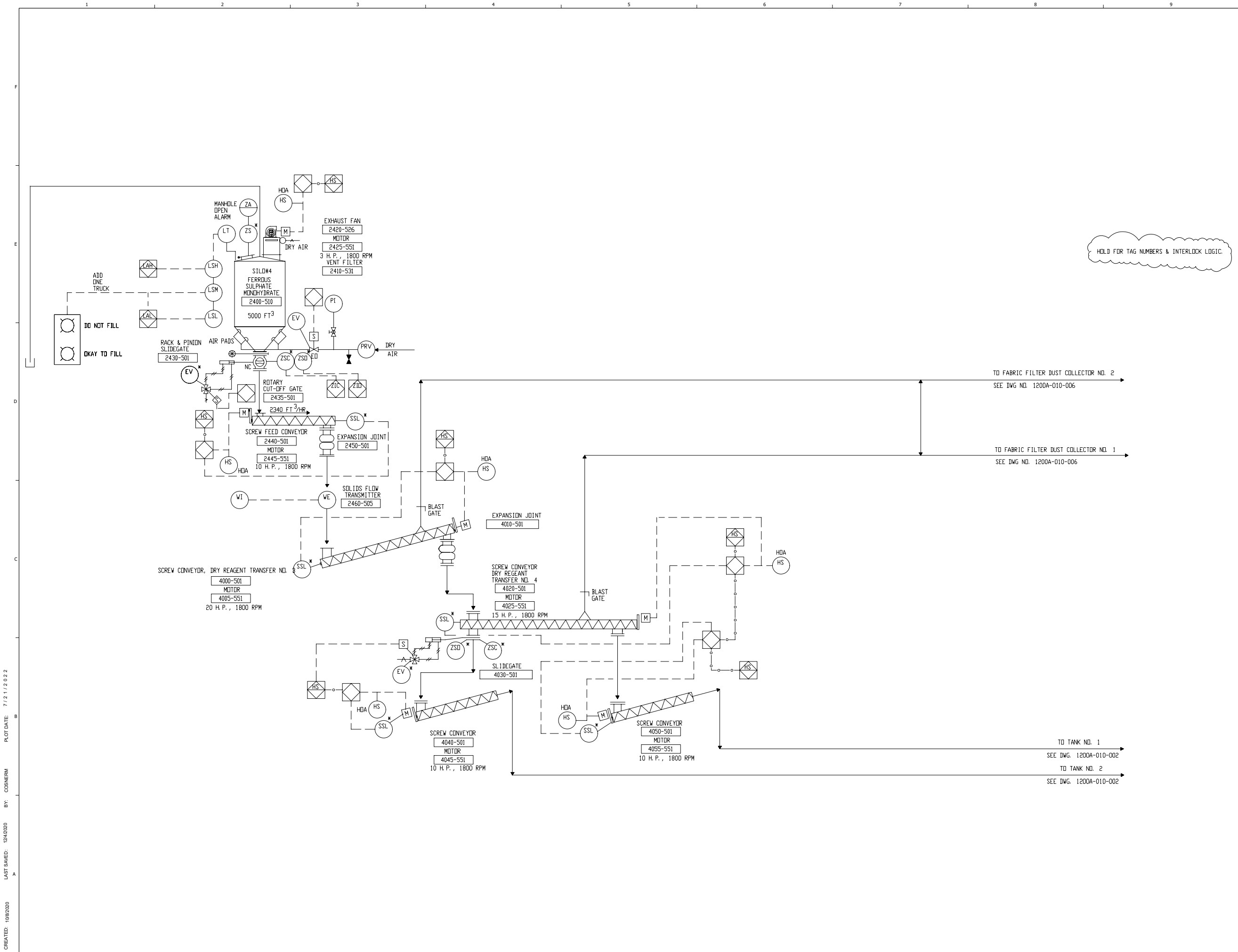
CREATED: 10/8/2020
 LAST SAVED: 12/12/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL



HOLD FOR TAG NUMBERS & INTERLOCK LOGIC.

CREATED: 10/8/2020
 LAST SAVED: 12/20/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

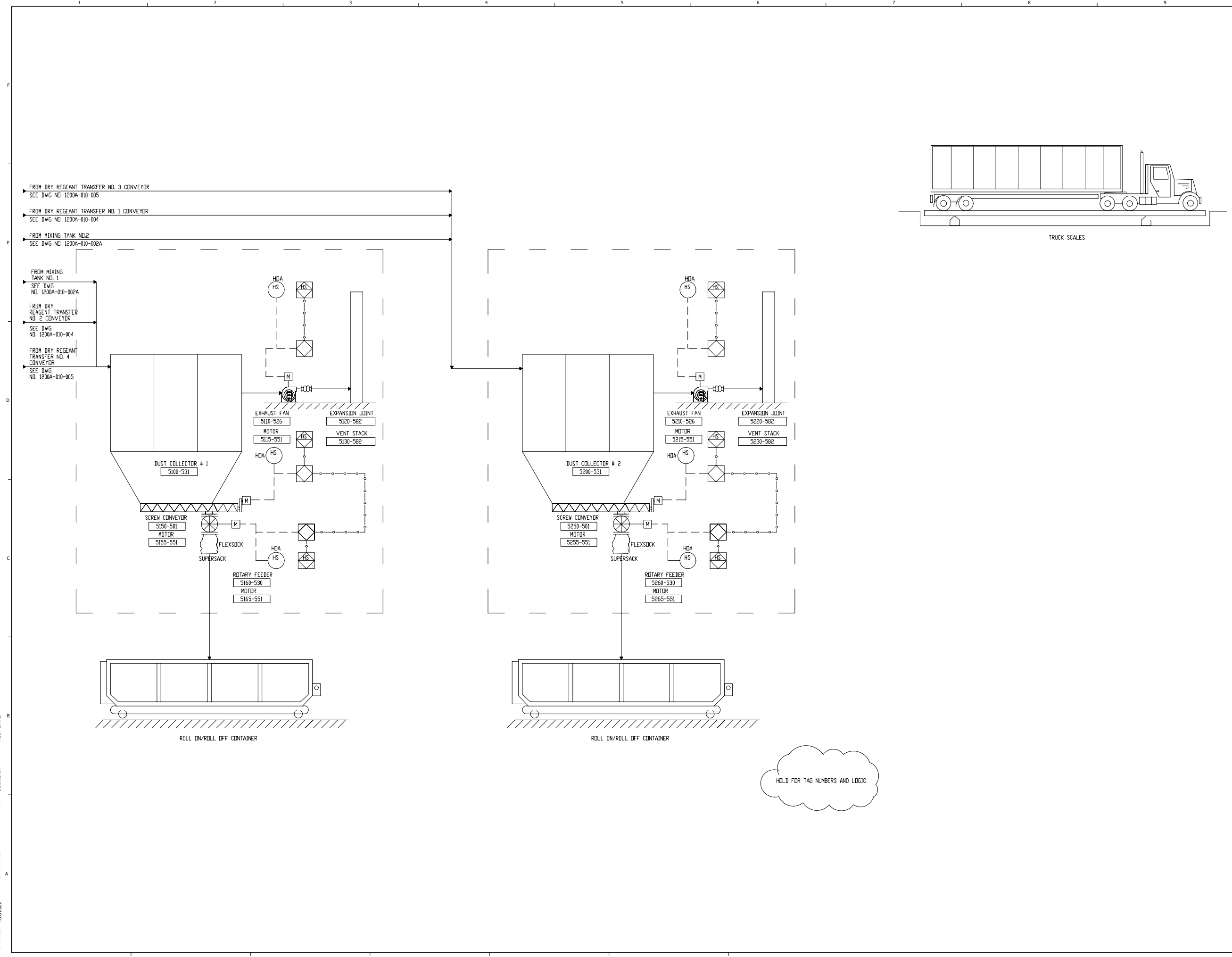
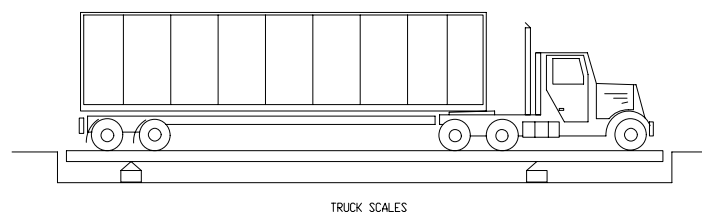
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



FROM DRY REAGENT TRANSFER NO. 3 CONVEYOR
 SEE DWG NO. 1200A-010-005

FROM DRY REAGENT TRANSFER NO. 1 CONVEYOR
 SEE DWG NO. 1200A-010-004

FROM MIXING TANK NO.2
 SEE DWG NO. 1200A-010-002A

FROM MIXING TANK NO. 1
 SEE DWG NO. 1200A-010-002A

FROM DRY REAGENT TRANSFER NO. 2 CONVEYOR
 SEE DWG NO. 1200A-010-004

FROM DRY REAGENT TRANSFER NO. 4 CONVEYOR
 SEE DWG NO. 1200A-010-005

CREATED: 10/8/2020
 LAST SAVED: 3/4/2021
 BY: COSNIERM
 PLOT DATE: 7/21/2022

HOLD FOR TAG NUMBERS AND LOGIC

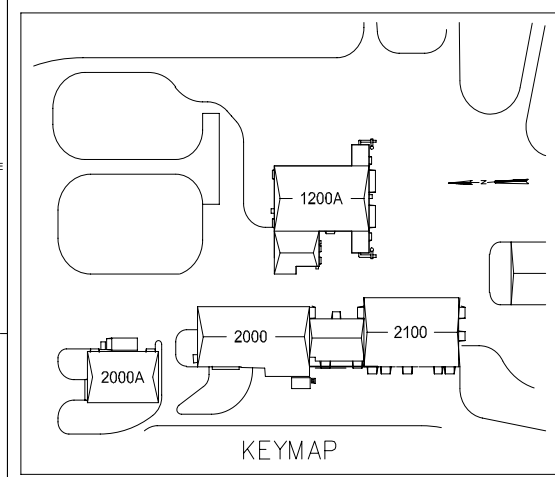


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

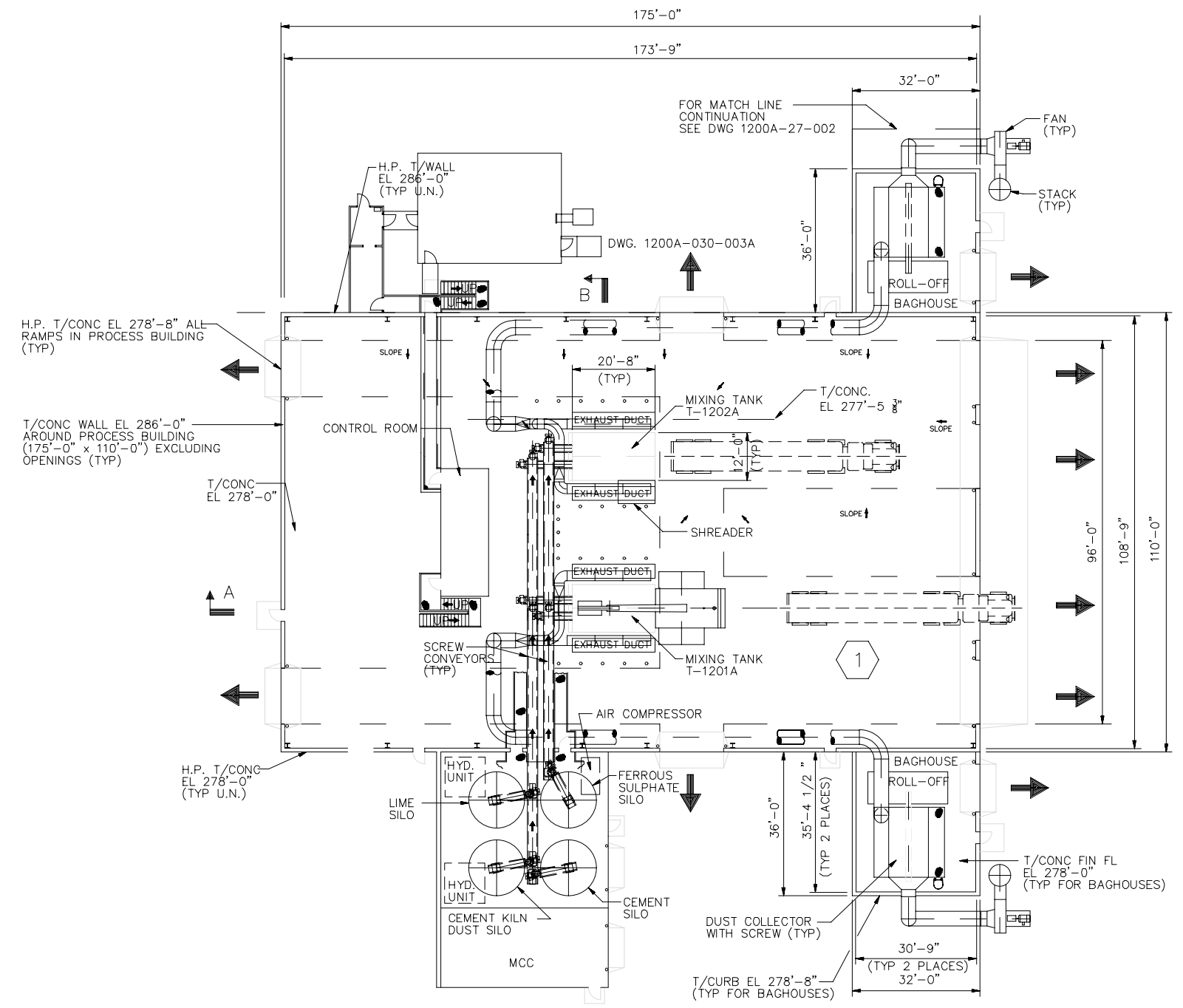
NO.	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 BUILDING 1200A - GENERAL ARRANGEMENT
 SHEET 1200A-020-001



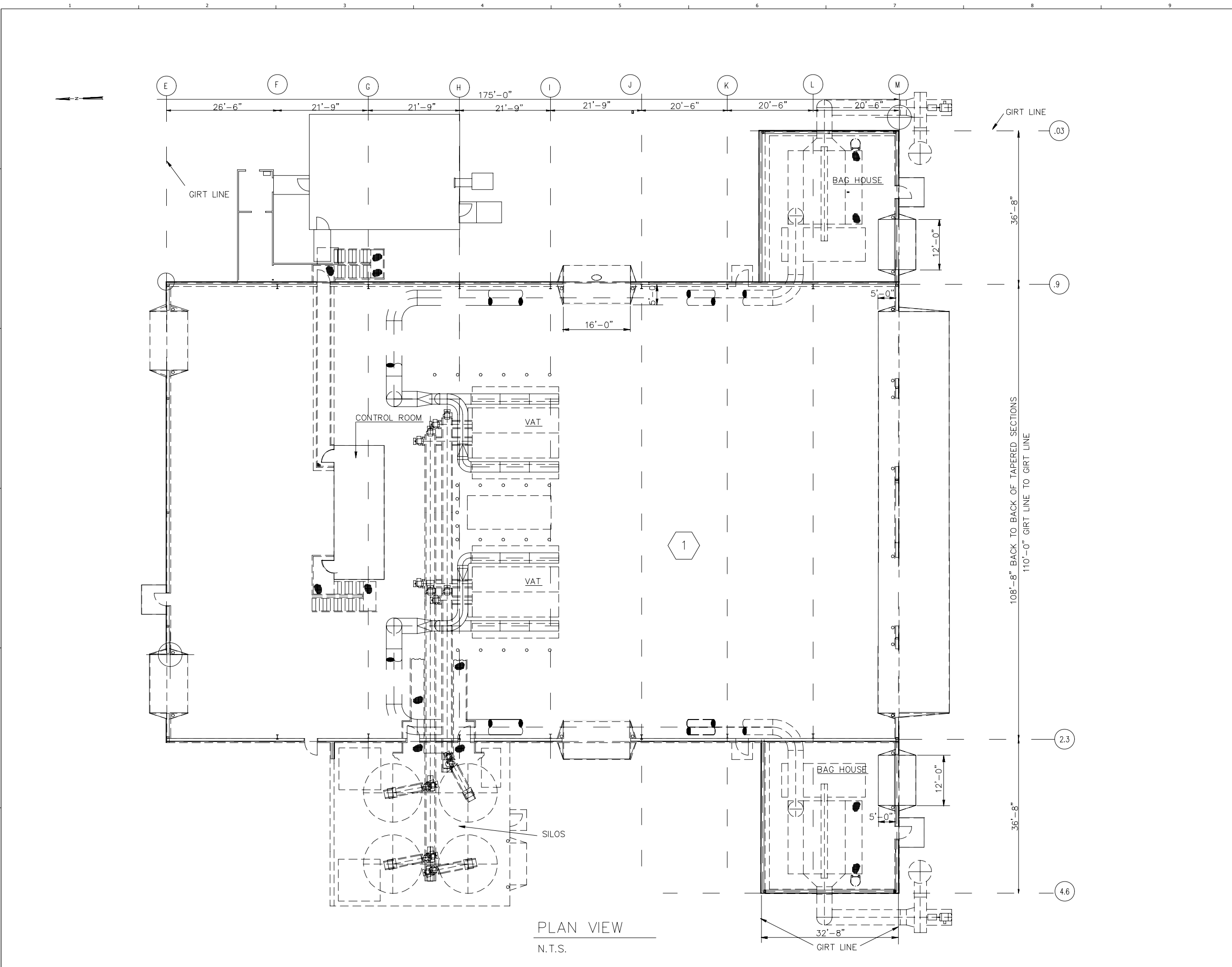
- NOTE:
1. RAMPS PROVIDED AT ALL OPENINGS FOR VEHICLE TRAFFIC. TOP OF CONCRETE AT RAMP TO BE FINISHED FLOOR ELEVATION PLUS 8" UNLESS NOTED.
 2. ALL RAMPS WILL EXTEND INTO BUILDING A DISTANCE OF 5'-0" OUTSIDE FACE OF CURBE UNLESS NOTED. (TYP)
 3. FLOOR SLOPES ON EAST HALF OF PROCESS BUILDING ARE TYPICAL FOR WEST HALF OF PROCESS BUILDING.



PLAN VIEW
 N.T.S.

CREATED: 10/6/2020
 LAST SAVED: 3/22/2022
 BY: KARINA
 PLOT DATE: 7/21/2022

CREATED: 10/02/200 BY: KARIARA PLOT DATE: 8 / 4 / 2 0 2 2 LAST SAVED: 3/25/2022



PLAN VIEW
N.T.S.

NOT RELEASED FOR
CONSTRUCTION



RCRA PART B PERMIT APPLICATION
CHEMICAL WASTE MANAGEMENT INC.
EMELLE, ALABAMA TREATMENT FACILITY
SUMTER COUNTY, AL

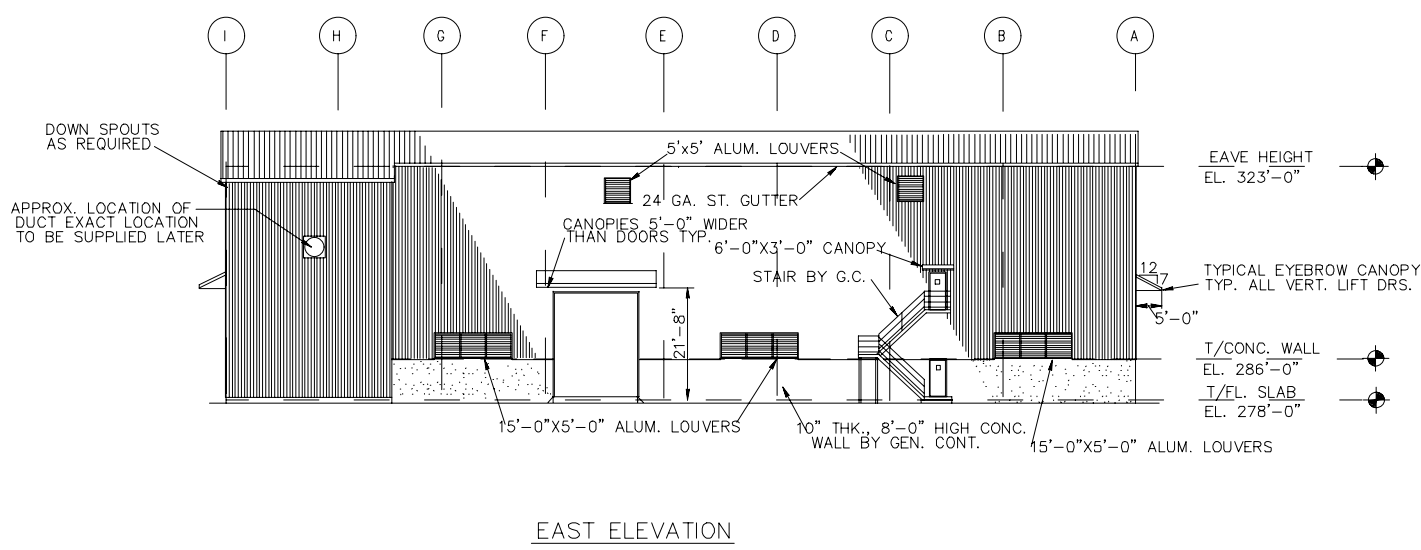
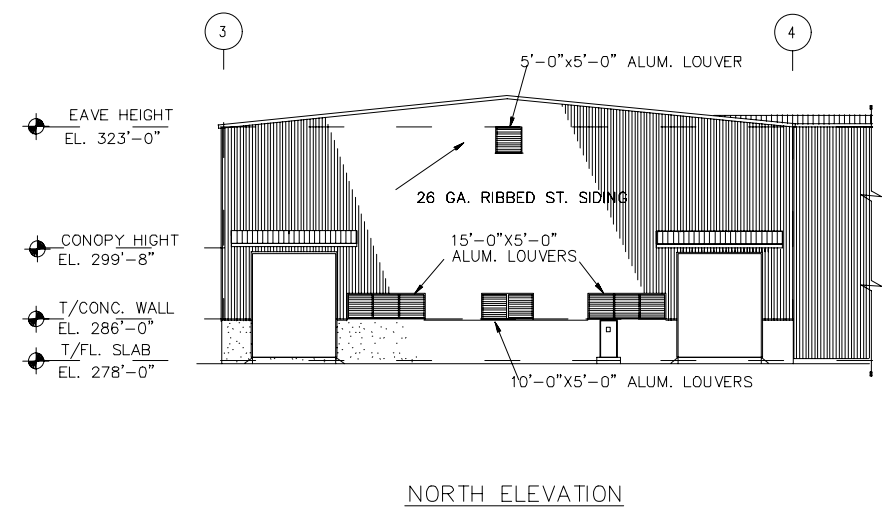
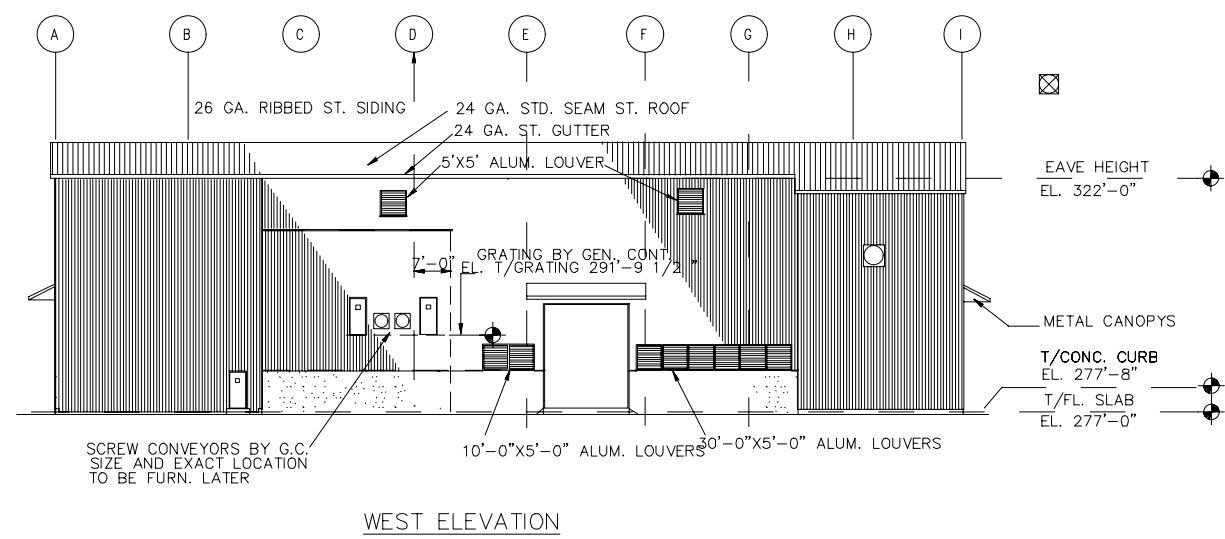
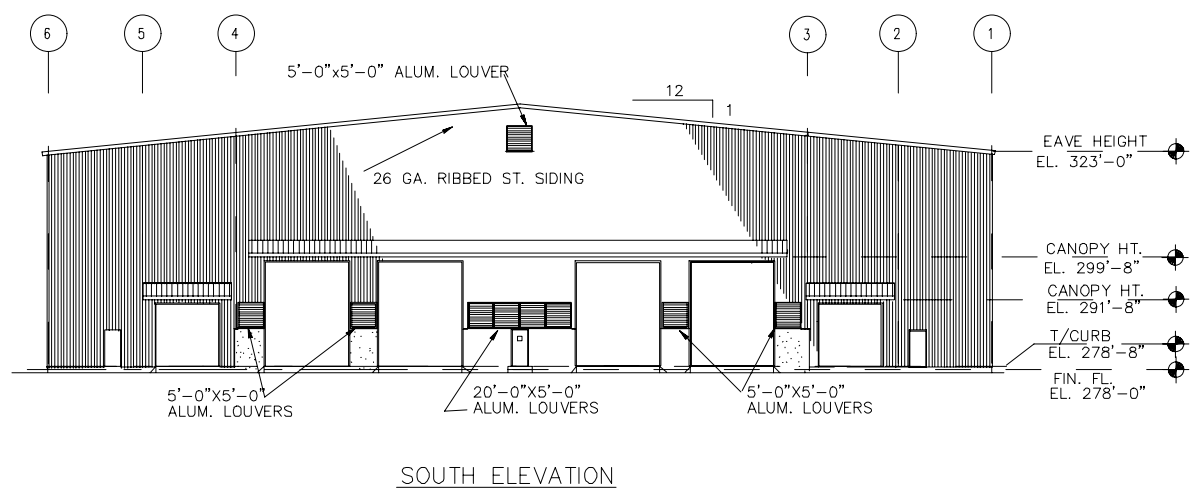
REV	DATE	REVISION DESCRIPTION
5.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: NTF
DESIGNER: RAK
CHECKER: SBT

SHEET TITLE
BUILDING 1200A - GENERAL ARRANGEMENT
SHEET 1200A-020-002



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL



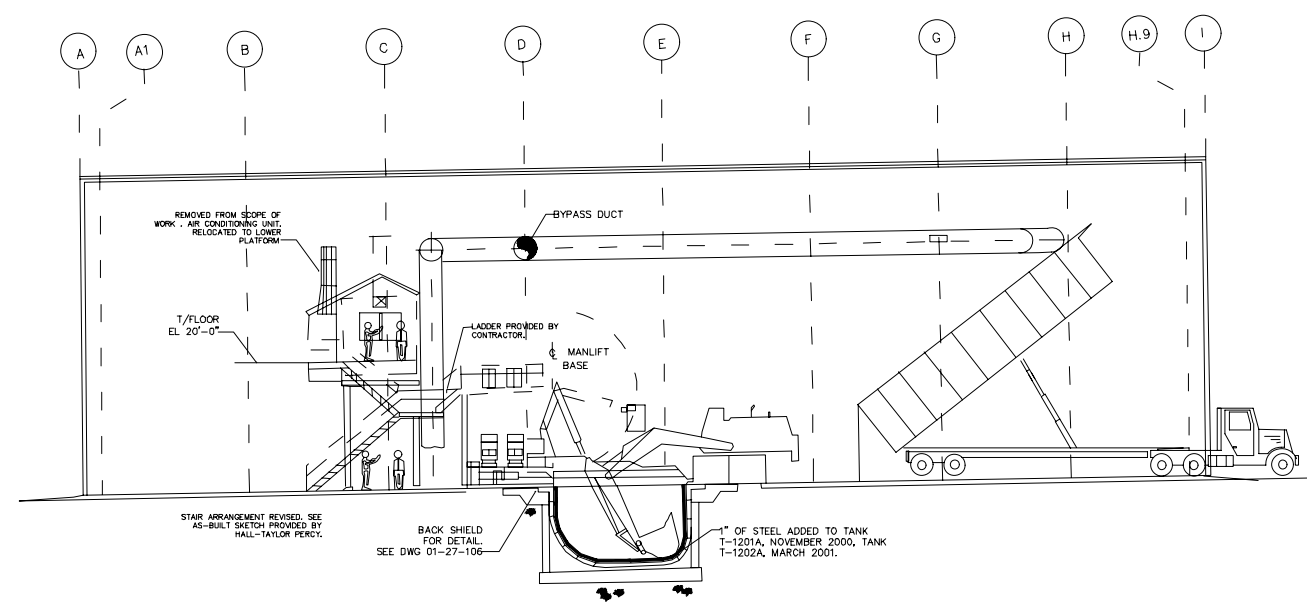
REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

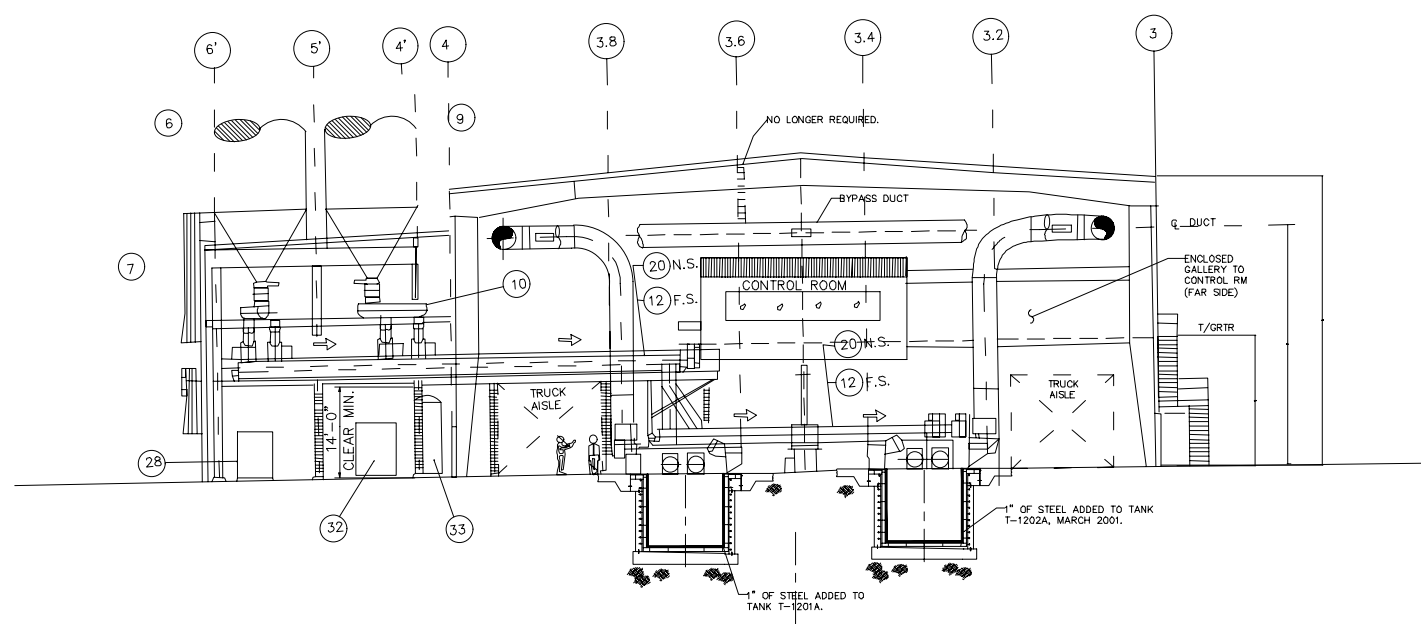
CREATED: 10/9/2020
 LAST SAVED: 12/20/2020
 BY: COSNER/M
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL



SECTION "A-A"



SECTION "B-B"

ITEM NO.	RUST EQ. NO.	EQUIPMENT DESCRIPTION
1	01-4-1410-510	MIXING TANK NO. 1.
2	01-4-1410-510	MIXING TANK NO. 2.
3	01-4-1430-583	OPERATOR ACCESS MANLIFT
4	01-4-1440-583	HYDROLIC UNIT, OPERATOR ACCESS MANLIFT
5	01-4-1445-551	MOTOR, HYDROLIC MANLIFT
6	01-4-2100-510	STORAGE SILO #1, PORTLAND CEMENT
7	01-4-2140-510	CONVEYOR, FEED SCREW, SILO #1
8	01-4-2145-551	MOTOR
9	01-4-2400-510	STORAGE SILO #4, FERROUS SULPHATE MONOHYDRATE
10	01-4-2440-501	CONVEYOR, FEED SCREW, SILO #4
11	01-4-2445-551	MOTOR
12	01-4-3000-501	SCREW CONVEYOR, DRY REAGENT TRANSFER NO. 1
13	01-4-3005-551	MOTOR
14	01-4-3020-501	SCREW CONVEYOR, DRY REAGENT TRANSFER NO. 2
15	01-4-3025-551	MOTOR
16	01-4-3040-501	SCREW CONVEYOR, DISCHARGE NO. 2
17	01-4-3045-551	MOTOR
18	01-4-3050-501	SCREW CONVEYOR, DISCHARGE NO. 3
19	01-4-3055-551	MOTOR
20	01-4-4000-501	SCREW CONVEYOR, DRY REAGENT TRANSFER NO. 3
21	01-4-4005-551	MOTOR
22	01-4-4020-501	SCREW CONVEYOR, DRY REAGENT TRANSFER NO. 4
23	01-4-4025-551	MOTOR
24	01-4-4040-501	SCREW CONVEYOR, DISCHARGE NO. 1
25	01-4-4045-551	MOTOR
26	01-4-4050-501	SCREW CONVEYOR, DISCHARGE NO. 4
27	01-4-4055-551	MOTOR
28	01-4-5500-525	COMPRESSOR NO.1
29	01-4-5505-551	MOTOR
30	01-4-5510-525	COMPRESSOR NO.2
31	01-4-5515-551	MOTOR
32	01-4-5550-528	HEATED AIR DRYER
33	01-4-5600-510	AIR RECEIVER, 1060 GALLON

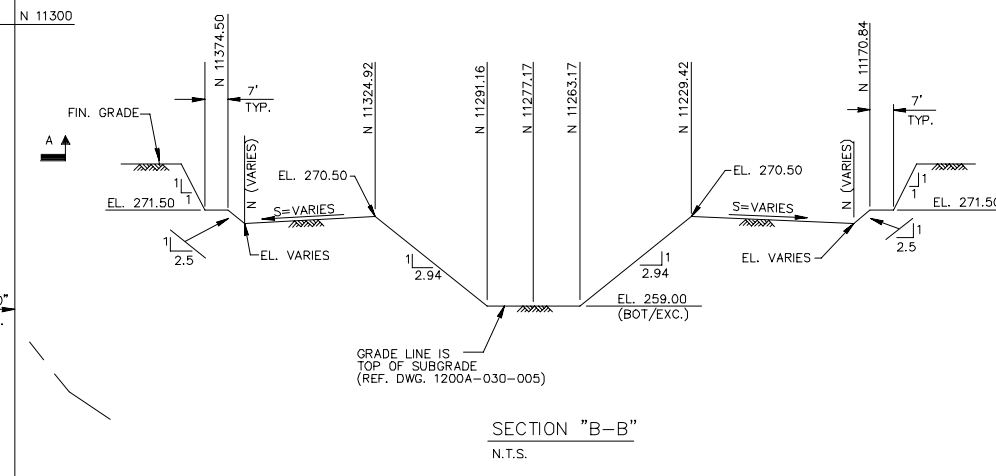
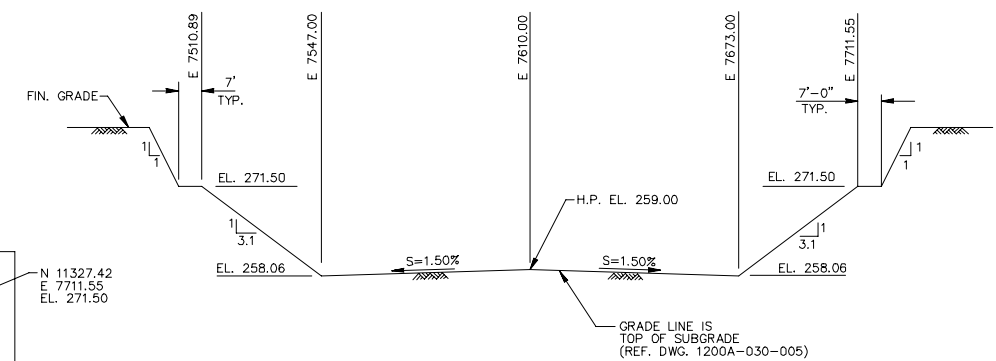
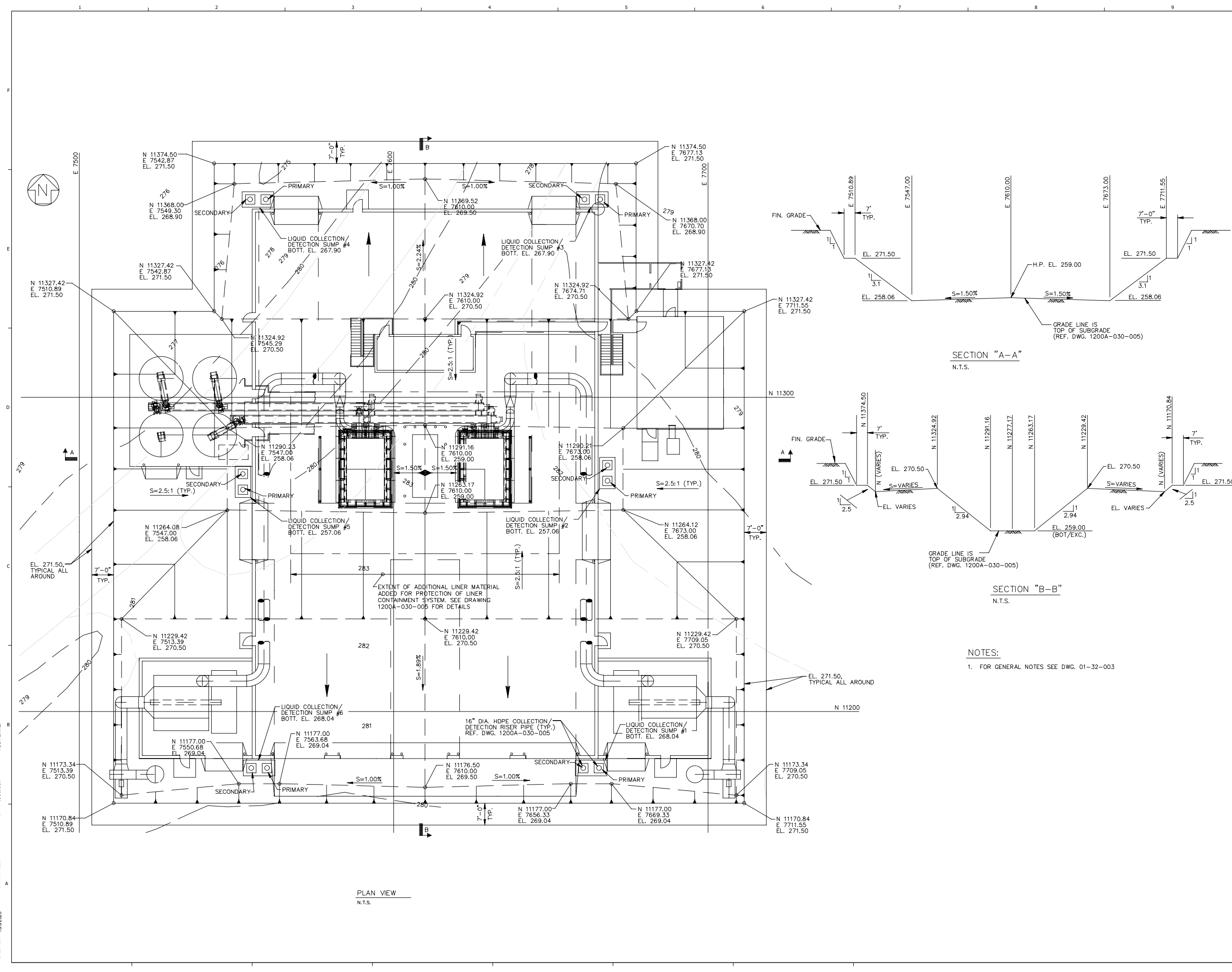
REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

BUILDING 1200A - SECTIONS

SHEET 1200A-030-003A

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNER/M
 PLOT DATE: 7/21/2022



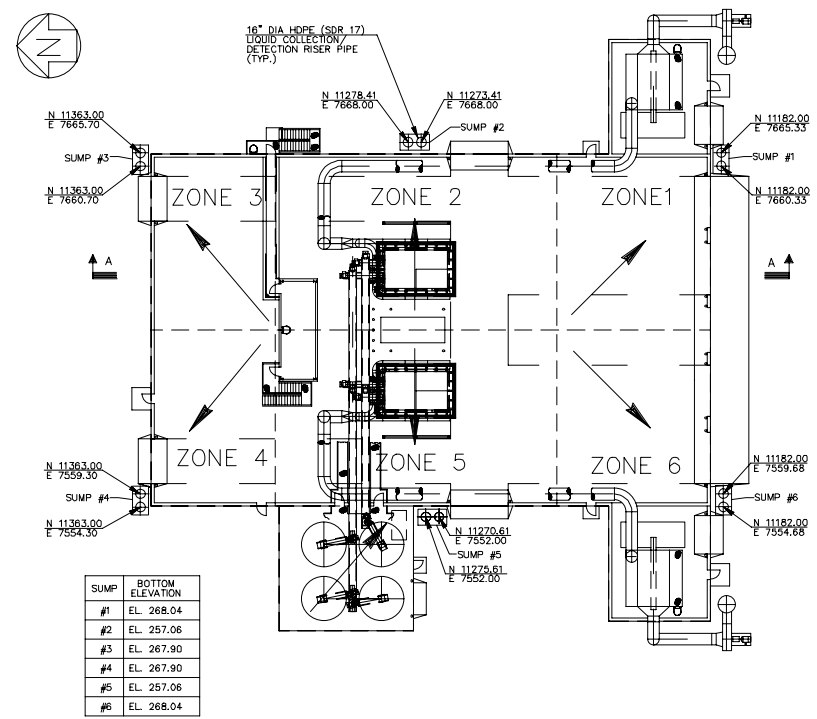
NOTES:
 1. FOR GENERAL NOTES SEE DWG. 01-32-003

CREATED: 10/9/2020
 LAST SAVED: 3/23/2022
 BY: KARUNA
 PLOT DATE: 7/21/2022

PLAN VIEW
 N.T.S.

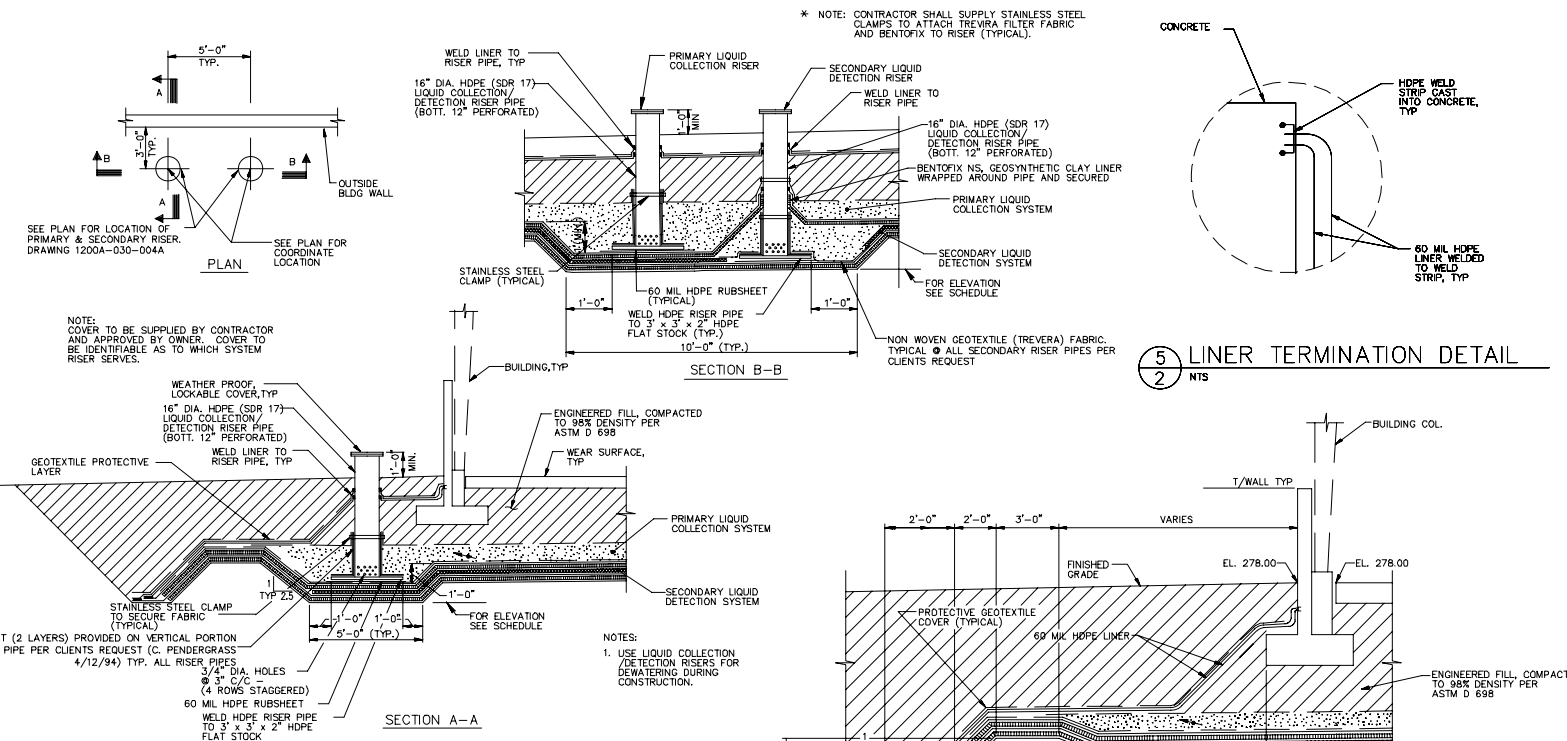
REV	DATE	REVISION DESCRIPTION
001	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT



SUMP	BOTTOM ELEVATION
#1	EL. 268.04
#2	EL. 257.06
#3	EL. 267.90
#4	EL. 267.90
#5	EL. 257.06
#6	EL. 268.04

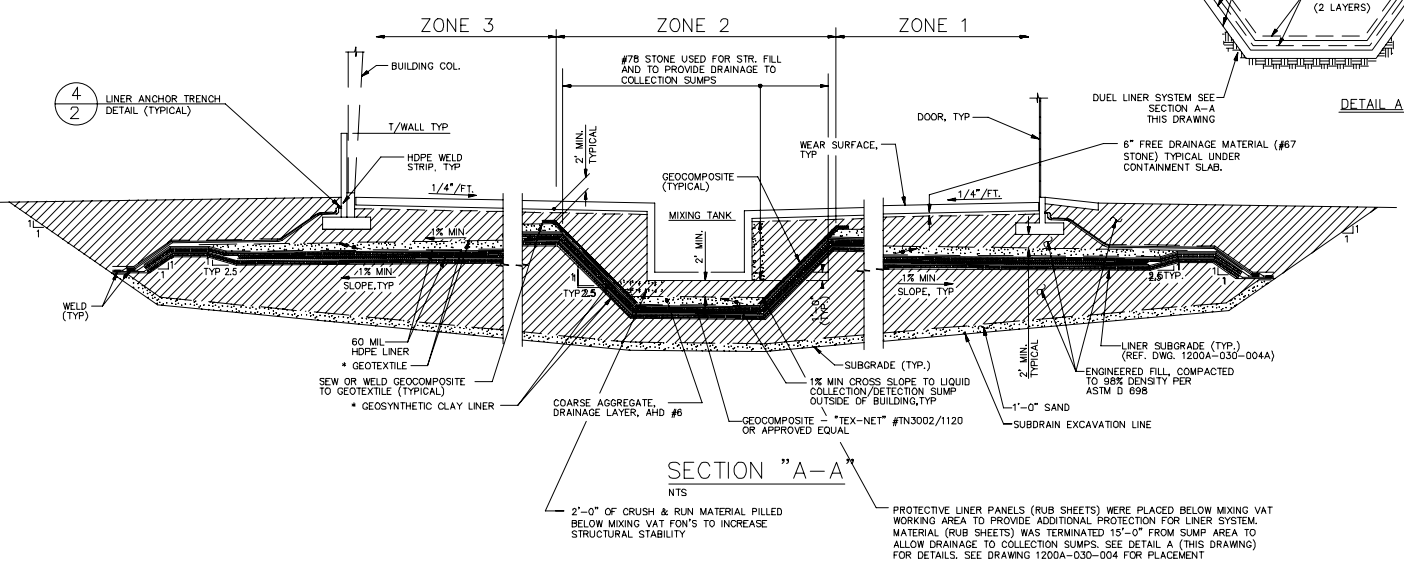
PLAN - COLLECTION/DETECTION SYSTEMS ZONES
 SCALE: 1"=20'-0"



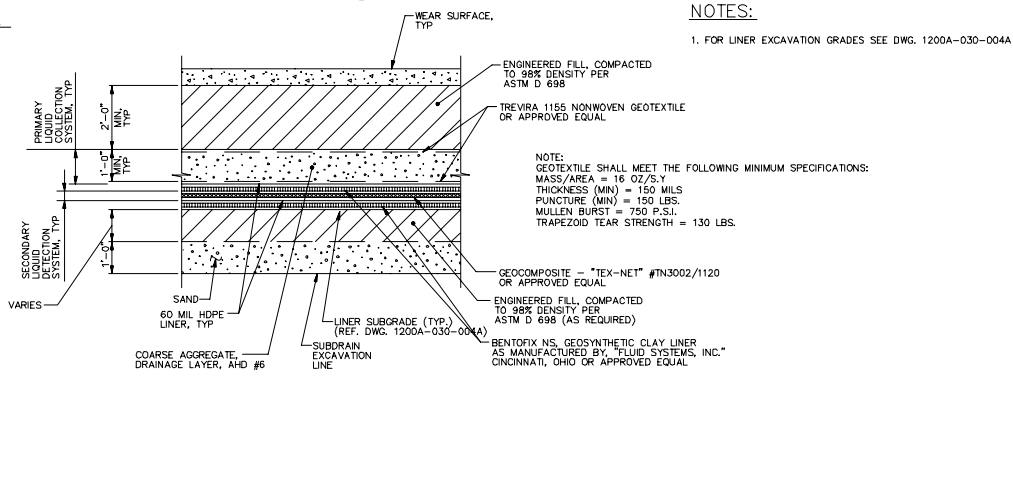
1 LIQUID COLLECTION/DETECTION SUMPS
 1 NTS

5 LINER TERMINATION DETAIL
 2 NTS

4 LINER ANCHOR TRENCH DETAIL
 2 NTS



SECTION "A-A"
 NTS



NOTES:
 1. FOR LINER EXCAVATION GRADES SEE DWG. 1200A-030-004A

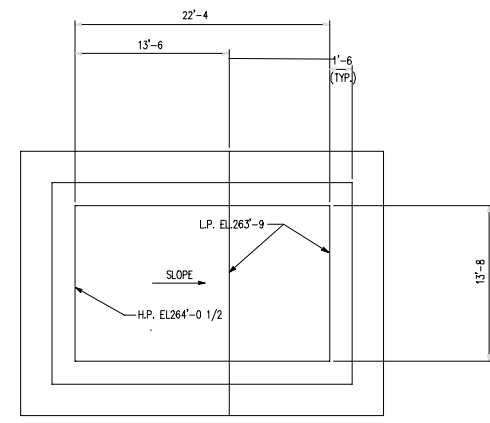
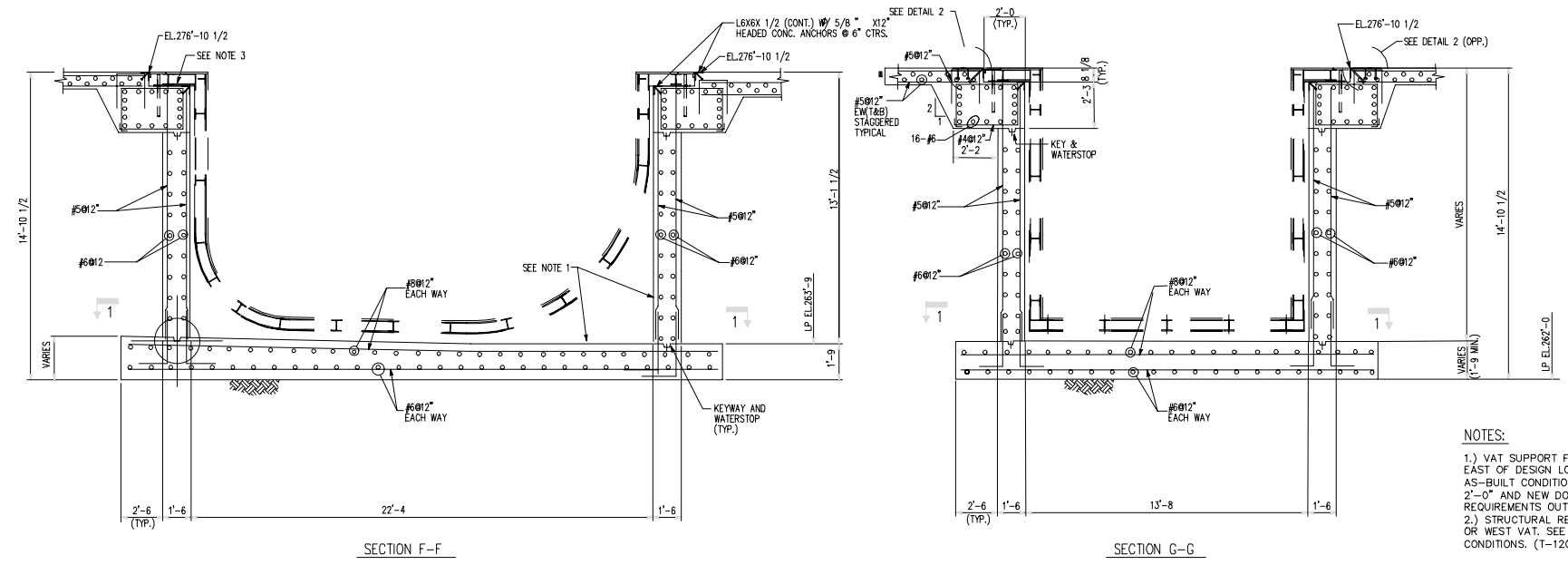
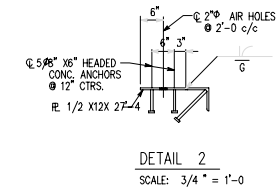
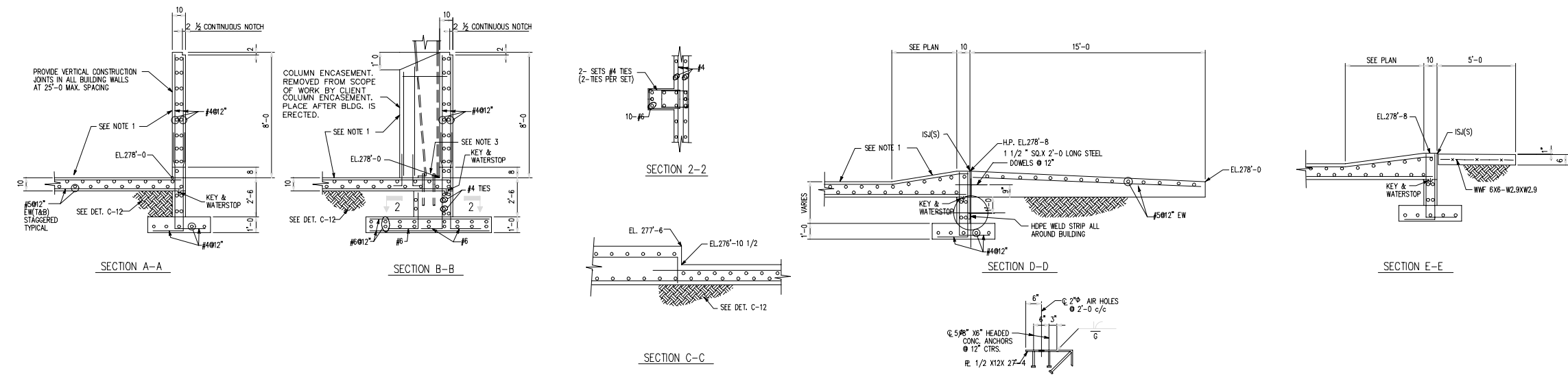
NOTE: GEOTEXTILE SHALL MEET THE FOLLOWING MINIMUM SPECIFICATIONS:
 MASS/AREA = 16 OZ./S.Y.
 THICKNESS (MIN) = 150 MILS
 PUNCTURE (MIN) = 150 LBS.
 MULLEN BURST = 750 P.S.I.
 TRAPEZOID TEAR STRENGTH = 130 LBS.

PROTECTIVE LINER PANELS (RUB SHEETS) WERE PLACED BELOW MIXING VAT WORKING AREA TO PROVIDE ADDITIONAL PROTECTION FOR LINER SYSTEM. MATERIAL (RUB SHEETS) WAS TERMINATED 15'-0" FROM SUMP AREA TO ALLOW DRAINAGE TO COLLECTION SUMPS. SEE DETAIL A (THIS DRAWING) FOR DETAILS. SEE DRAWING 1200A-030-004 FOR PLACEMENT

CREATED: 10/9/2020
 LAST SAVED: 12/6/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

REV	DATE	DESCRIPTION
1.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE: BUILDING 1200A - CONTAINMENT DETAILS AND SECTION
 SHEET: 1200A-030-005



- NOTES:**
- HORIZONTAL AND VERTICAL SURFACES TO BE COATED WITH TER-ISAR EPOXY, APPLIED AT 12 MILS DRY FILM THICKNESS.
 - CONCRETE BENEATH BASEPLATES SHALL BE TROWEL FINISHED SQUARE, LEVEL AND SMOOTH.
 - 1" OF STEEL ADDED TO TANK T-1201A, NOVEMBER 2000, TANK T-1202A, MARCH 2001.

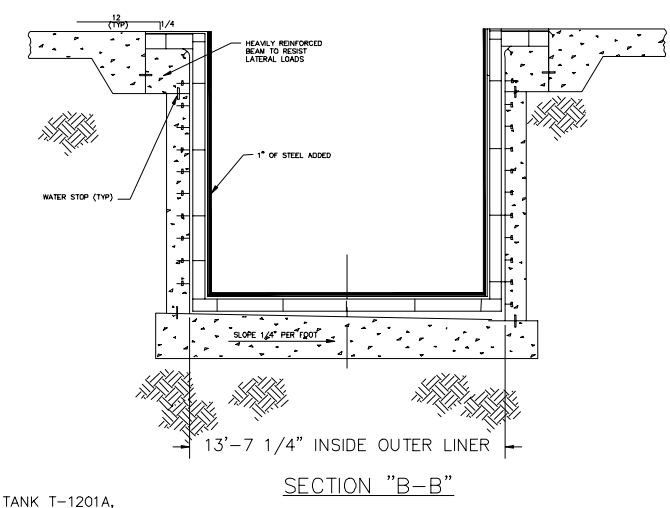
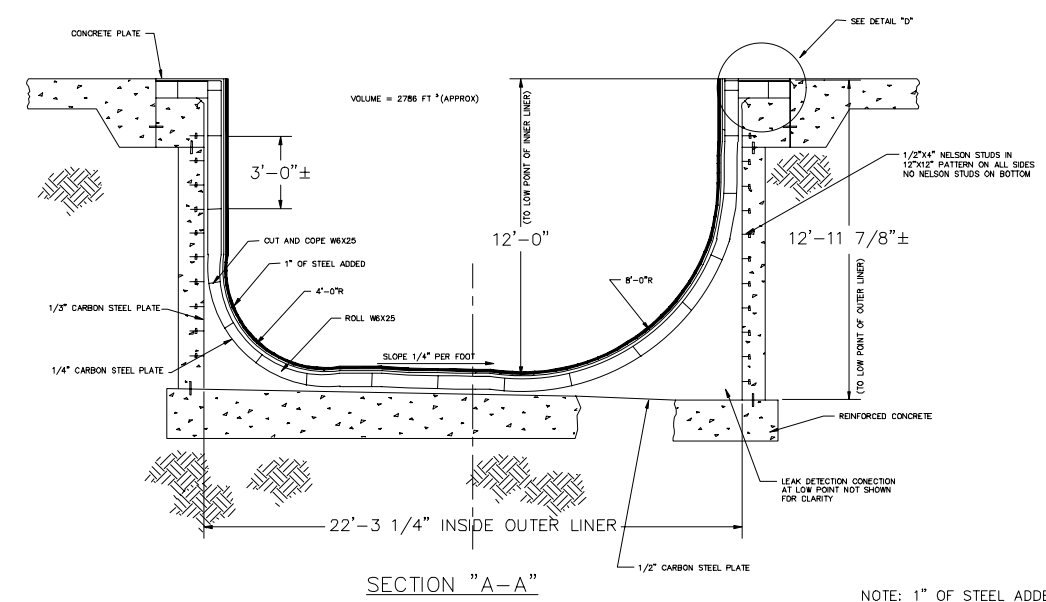
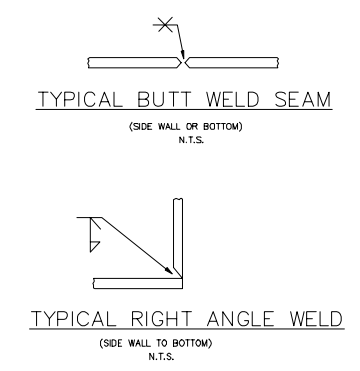
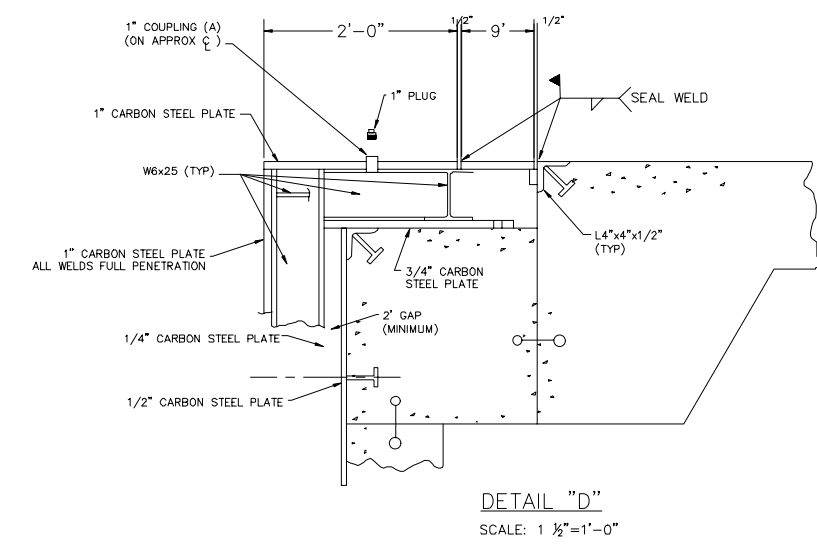
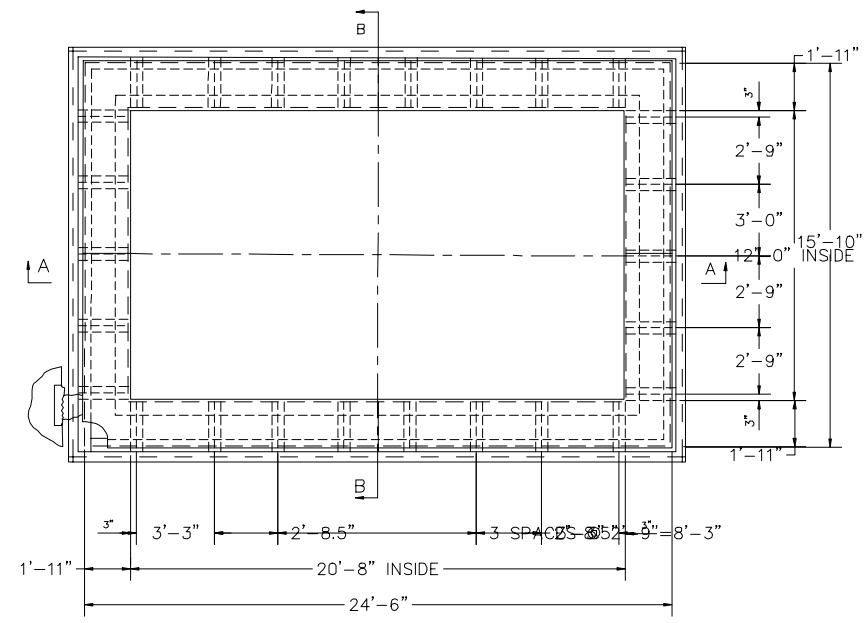
- NOTES:**
- VAT SUPPORT FOR EAST VAT POURED 2'-0" EAST OF DESIGN LOCATION. SEE REPAIR LOG FOR AS-BUILT CONDITIONS (T-1202A). WALL SHIFTED 2'-0" AND NEW DOWELS PROVIDED PER REQUIREMENTS OUTLINED IN STD. DETAIL SHEET.
 - STRUCTURAL REPAIR REQUIRED TO WEST WALL OR WEST VAT. SEE REPAIR LOG FOR AS-BUILT CONDITIONS. (T-1201A)

REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE		
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.		
PROJECT NO: D3279702		
DATE: AUGUST 2022		
DISC. LEAD: MTF	DESIGNER: RAK	CHECKER: SBT
SHEET TITLE		



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTTER COUNTY, AL



NOTE: 1" OF STEEL ADDED TO TANK T-1201A, NOVEMBER 2000, TANK T-1202A, MARCH 2001.

TANK DATA SHEET T-1201A, T-1202A

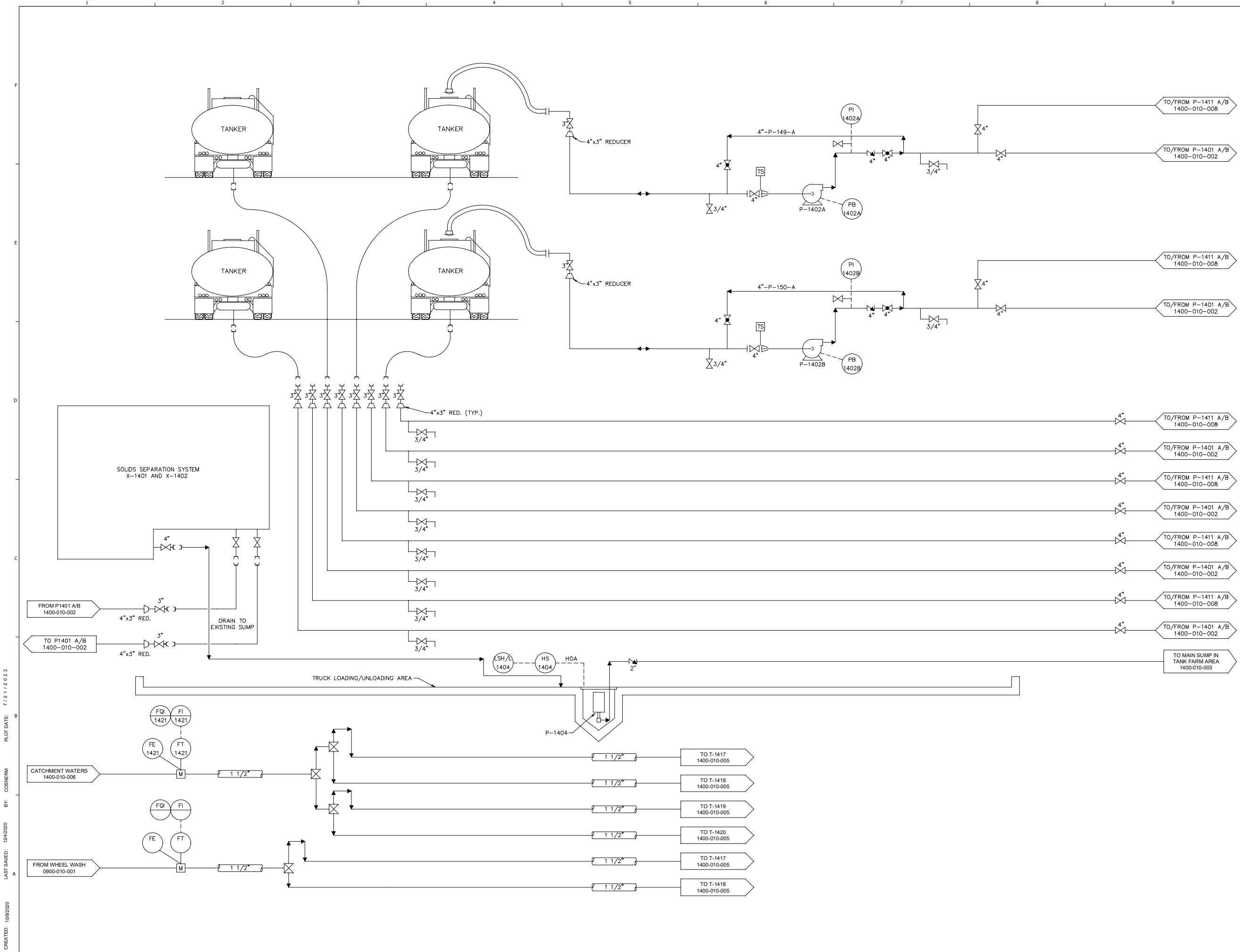
DESIGN CAPACITY	DESIGN CAPACITY	84 CY / 103 CY				
DESIGN PRESS.	OPER./MIN./MAX.	ATM / ATM				
DESIGN TEMP.	MIN./MAX.	0° F / 150° F				
SERVICE:	SERVICE:					
SPECIFIC GRAVITY: 2.40	FREE BOARD	24"				
MAX. FILL RATE: N/A	MAX. WITHDRAWAL RATE:	N/A				
DESIGN CODE: ACl/AISC	JOINT EFFICIENCY:	0.70				
WIND LOAD SPEC:	N/A					
SEISMIC ZONE / COEFF:	0.00 G ACCELERATION ZONE (STANDARD BUILDING CODE)					
TANK: 12'-0" x 20'-8"	TANK HEIGHT: 12'-0"					
CONSTRUCTION	ITEM	THICK	MATERIAL	CORROSION ALLOWANCE	TYPE	HEIGHT
	INNER SHELL	1"	CS	1/8"	VERTICAL/SLOPED	12' - 0"
	INNER BOTTOM	1"	CS	1/8"	SLOPED	-
	OUTER SHELL	1/4"	CS	0"	VERTICAL/	-
	OUTER BOTTOM	1/4"	CS	0"	SLOPED	-
	OUTSIDE LINER	1/2"	CS	0"	VERTICAL/SLOPED	12'-11 7/8"
NOZZLE LIST	NO.	SERVICE	SIZE	RATING	ORIENTATION	REMARKS
	A	PRESSURE LEAK DETECTION	1"	3000" CPLG	BY DETAIL ENGR	

CREATED: 10/01/2000
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

UNIT 1200A, BATCH STABILIZATION MIXING TANKS - T-1201A & T-1202A



NO.	REVISION DESCRIPTION	DATE	REV
1	RCRA PART B PERMIT RENEWAL		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF DESIGNER: RAK CHECKER: SBT
SHEET TITLE
TANK MANAGEMENT UNIT 1400 - P&ID
SHEET 1400-010-001

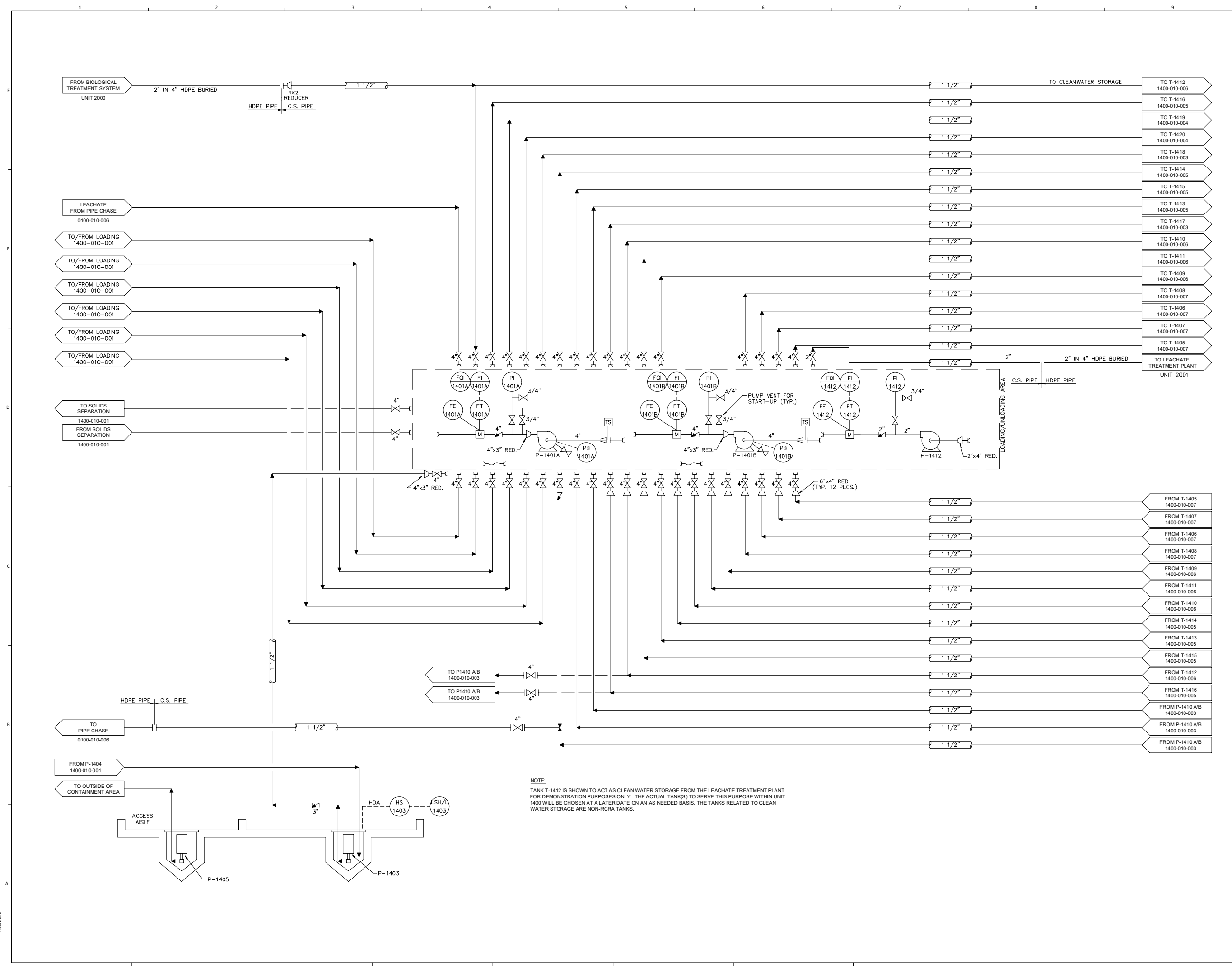
CREATED: 10/9/2020
LAST SAVED: 12/6/2020
BY: COSMIERM
PLOT DATE: 7/21/2022



NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D32279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400 - P&ID

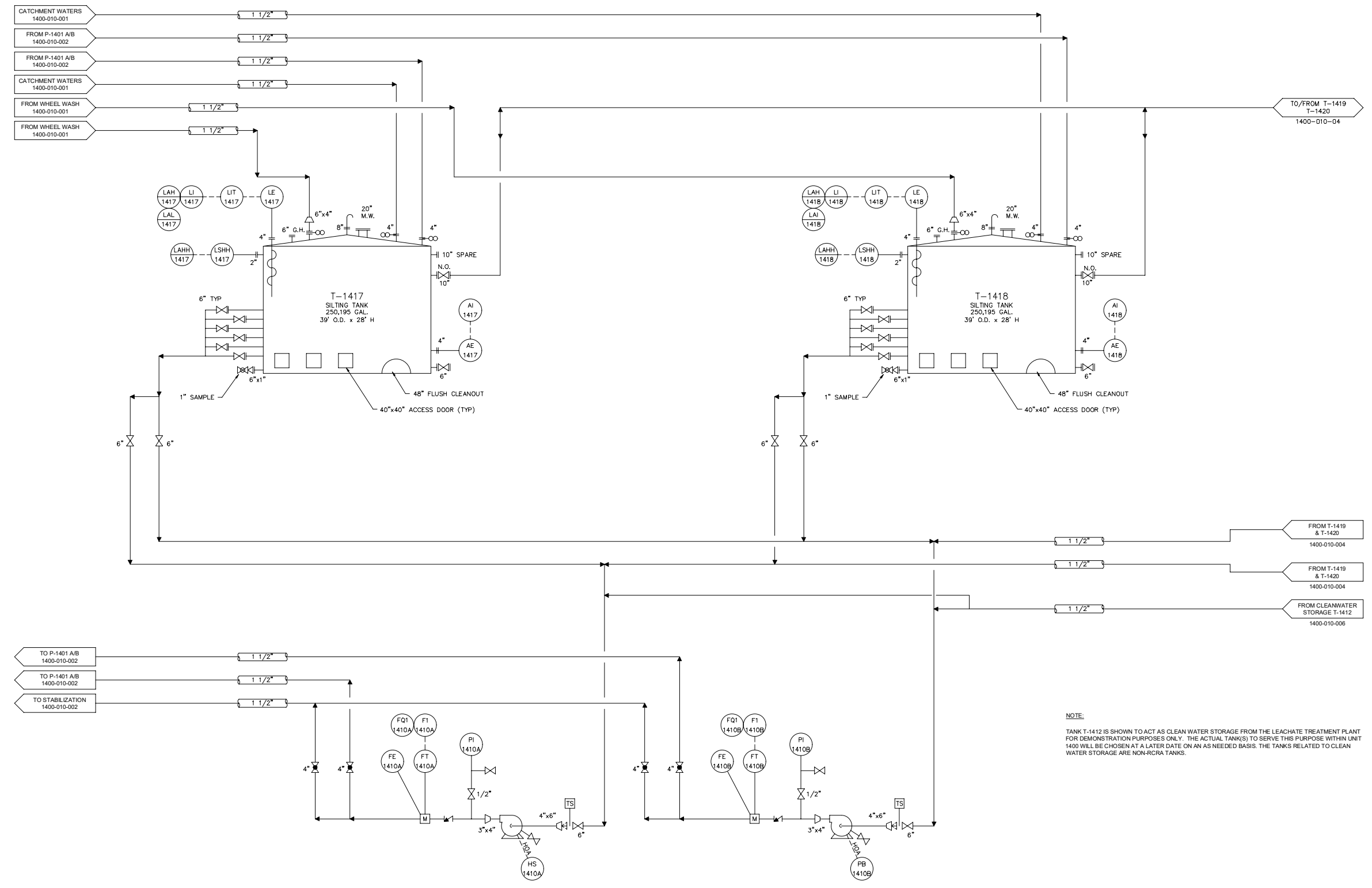


NOTE:
 TANK T-1412 IS SHOWN TO ACT AS CLEAN WATER STORAGE FROM THE LEACHATE TREATMENT PLANT FOR DEMONSTRATION PURPOSES ONLY. THE ACTUAL TANK(S) TO SERVE THIS PURPOSE WITHIN UNIT 1400 WILL BE CHOSEN AT A LATER DATE ON AN AS NEEDED BASIS. THE TANKS RELATED TO CLEAN WATER STORAGE ARE NON-RCRA TANKS.

CREATED: 10/02/2020
 LAST SAVED: 1/26/2021
 BY: COSNERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SENTER COUNTY, AL



NOTE:
 TANK T-1412 IS SHOWN TO ACT AS CLEAN WATER STORAGE FROM THE LEACHATE TREATMENT PLANT FOR DEMONSTRATION PURPOSES ONLY. THE ACTUAL TANK(S) TO SERVE THIS PURPOSE WITHIN UNIT 1400 WILL BE CHOSEN AT A LATER DATE ON AN AS NEEDED BASIS. THE TANKS RELATED TO CLEAN WATER STORAGE ARE NON-RCRA TANKS.

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400
 - P&ID

CREATED: 10/9/2020
 LAST SAVED: 12/12/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



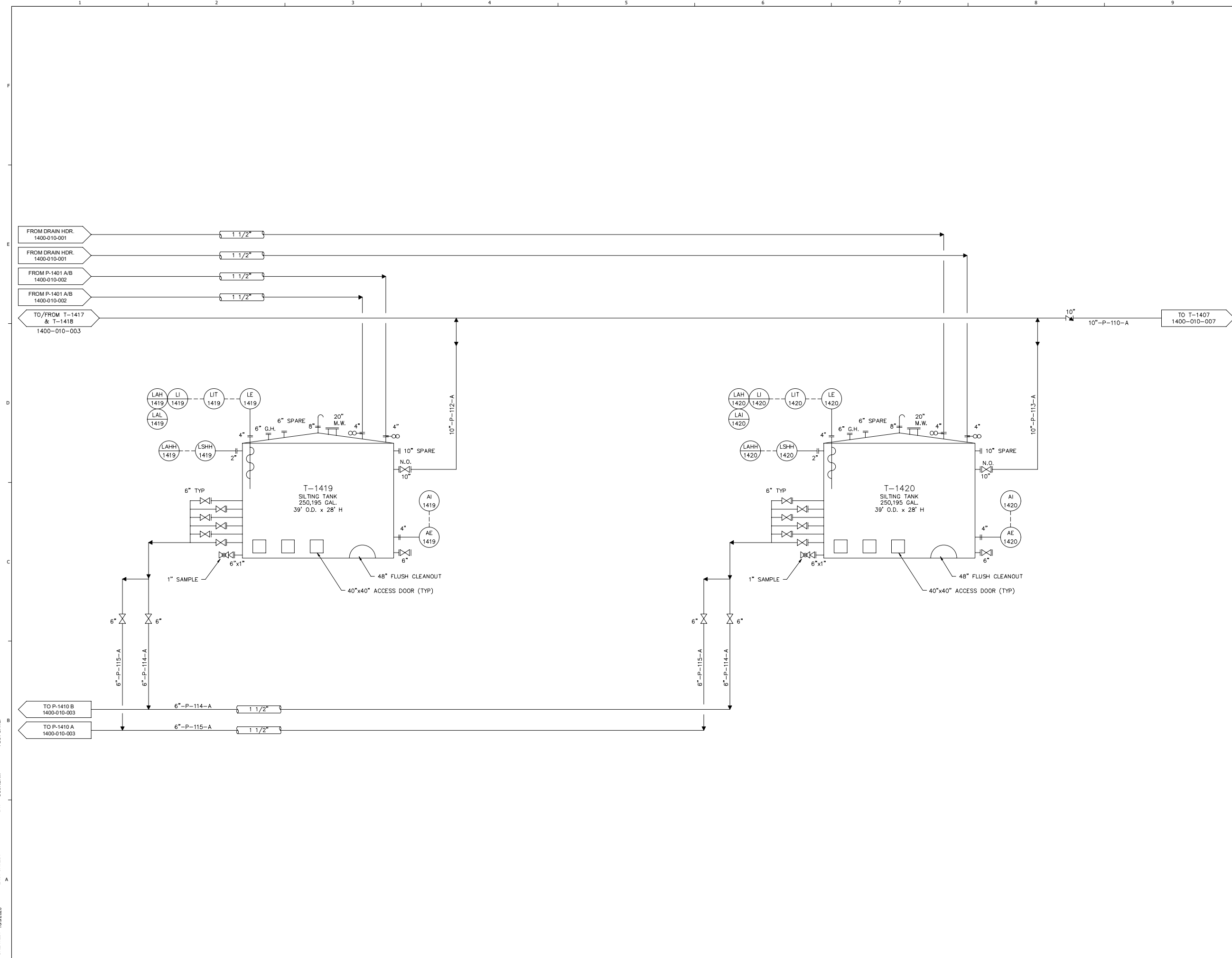
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SHELBY COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400
 - P&ID

SHEET 1400-010-004



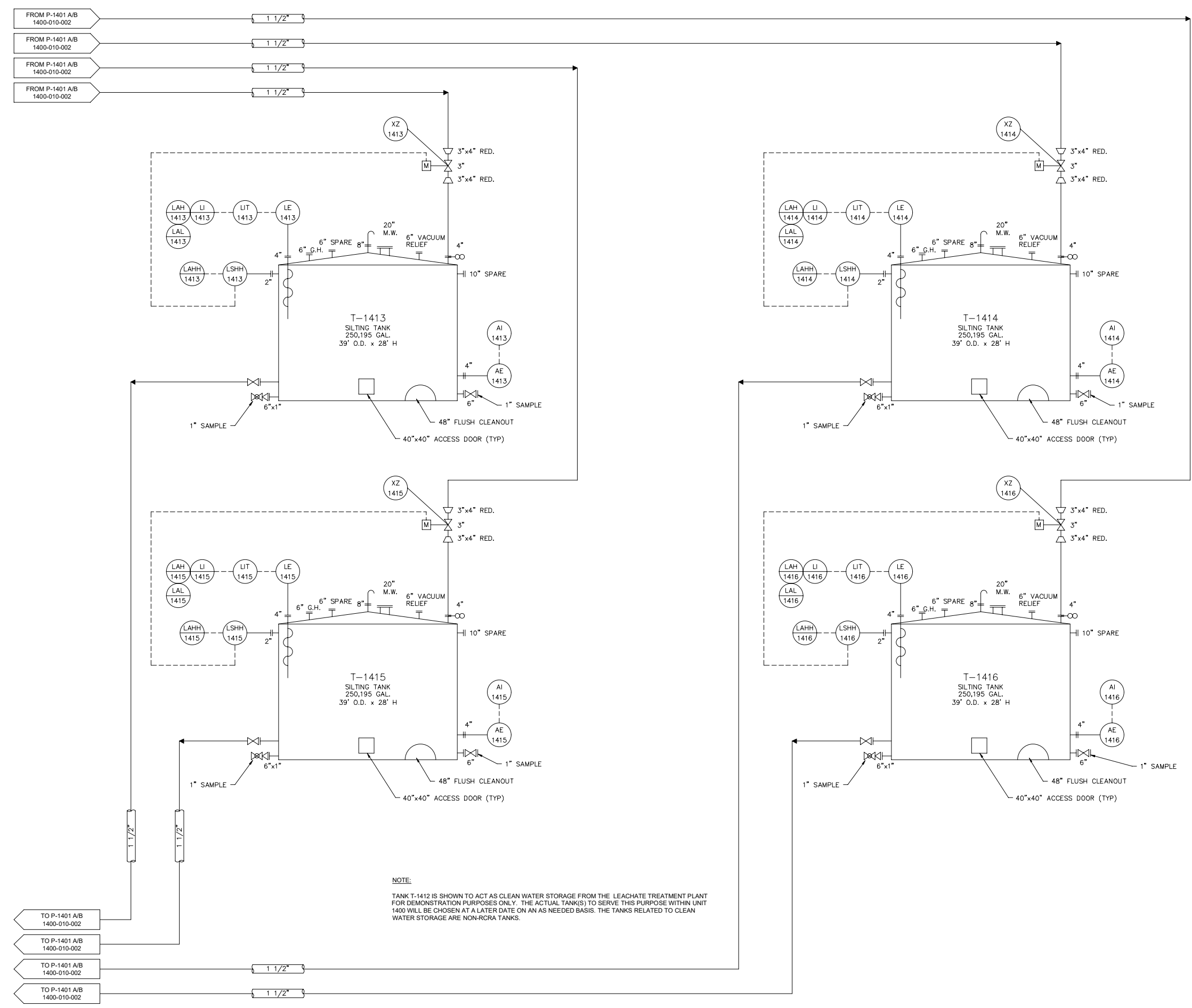
CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400
 - P&ID



NOTE:
 TANK T-1412 IS SHOWN TO ACT AS CLEAN WATER STORAGE FROM THE LEACHATE TREATMENT PLANT FOR DEMONSTRATION PURPOSES ONLY. THE ACTUAL TANK(S) TO SERVE THIS PURPOSE WITHIN UNIT 1400 WILL BE CHOSEN AT A LATER DATE ON AN AS NEEDED BASIS. THE TANKS RELATED TO CLEAN WATER STORAGE ARE NON-RCRA TANKS.

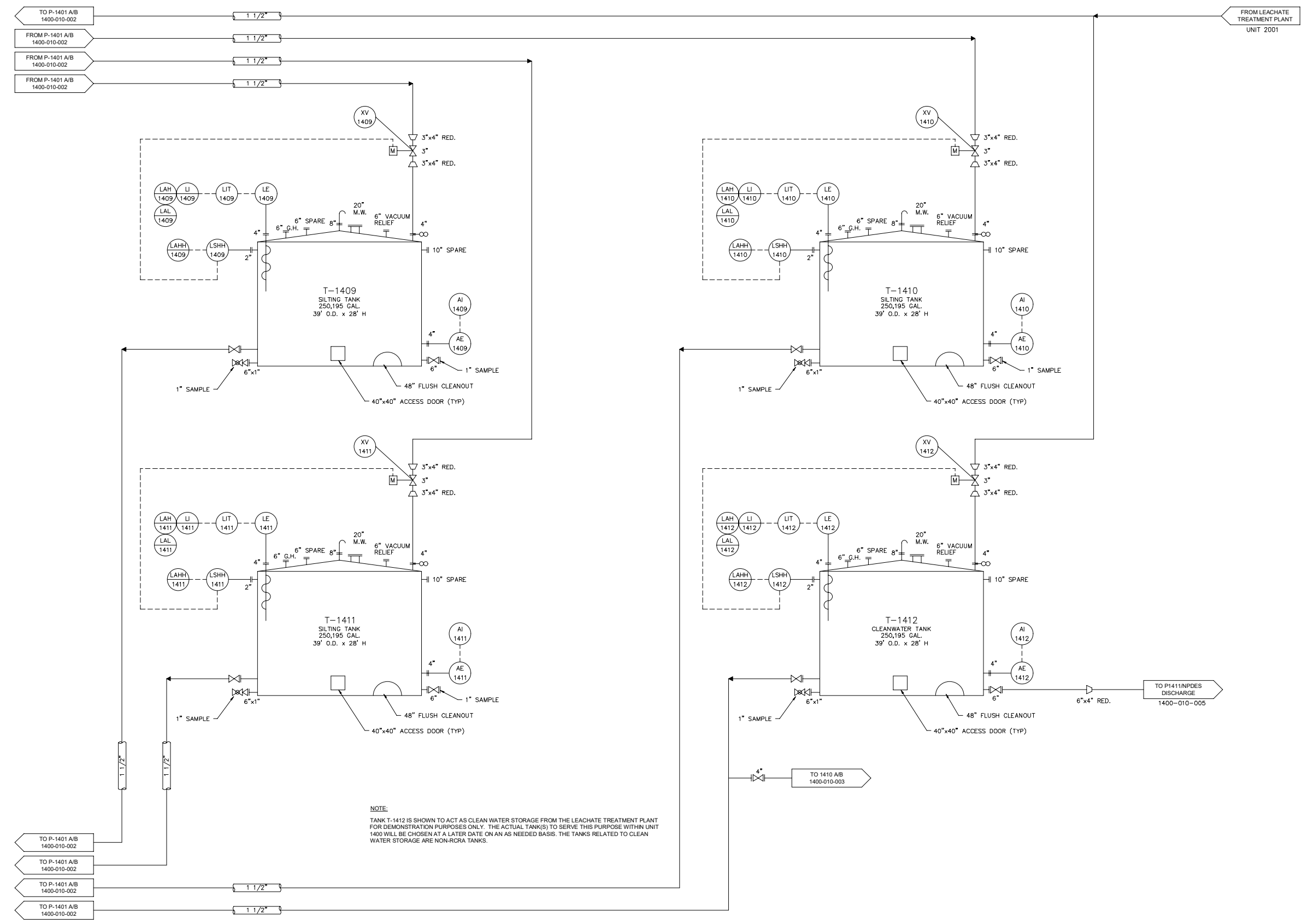
CREATED: 10/9/2020
 LAST SAVED: 12/1/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



NO.	REV	DATE	REVISION DESCRIPTION
1.01	0022		RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400 - P&ID



CREATED: 10/9/2020
 LAST SAVED: 3/22/2022
 BY: KARI/AMA
 PLOT DATE: 7/21/2022

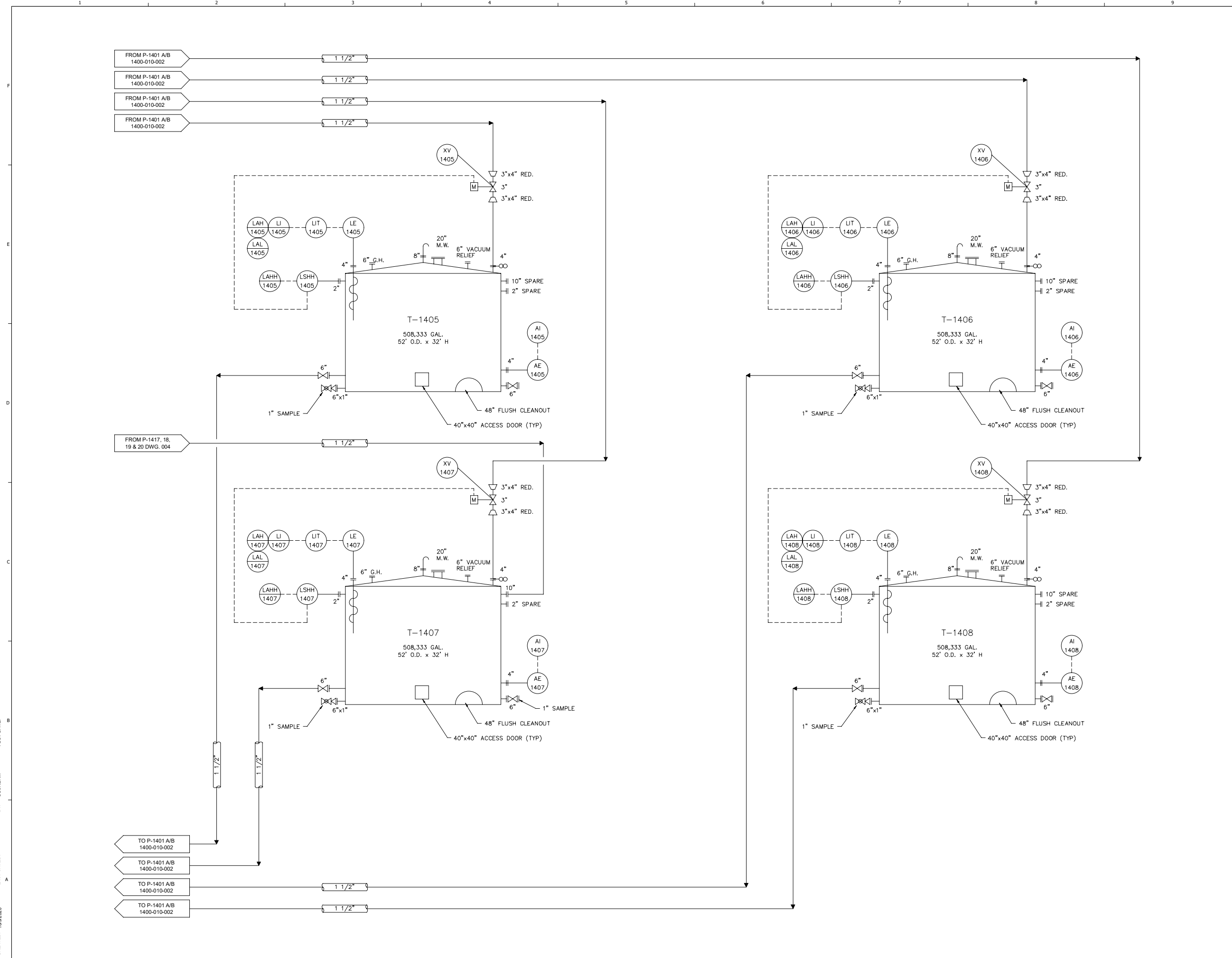


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTTER COUNTY, AL

NO.	REVISION DESCRIPTION	DATE	REV
1.01	RCRA PART B PERMIT RENEWAL		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

TANK MANAGEMENT UNIT 1400 - P&ID



CREATED: 10/9/2020
 LAST SAVED: 12/20/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

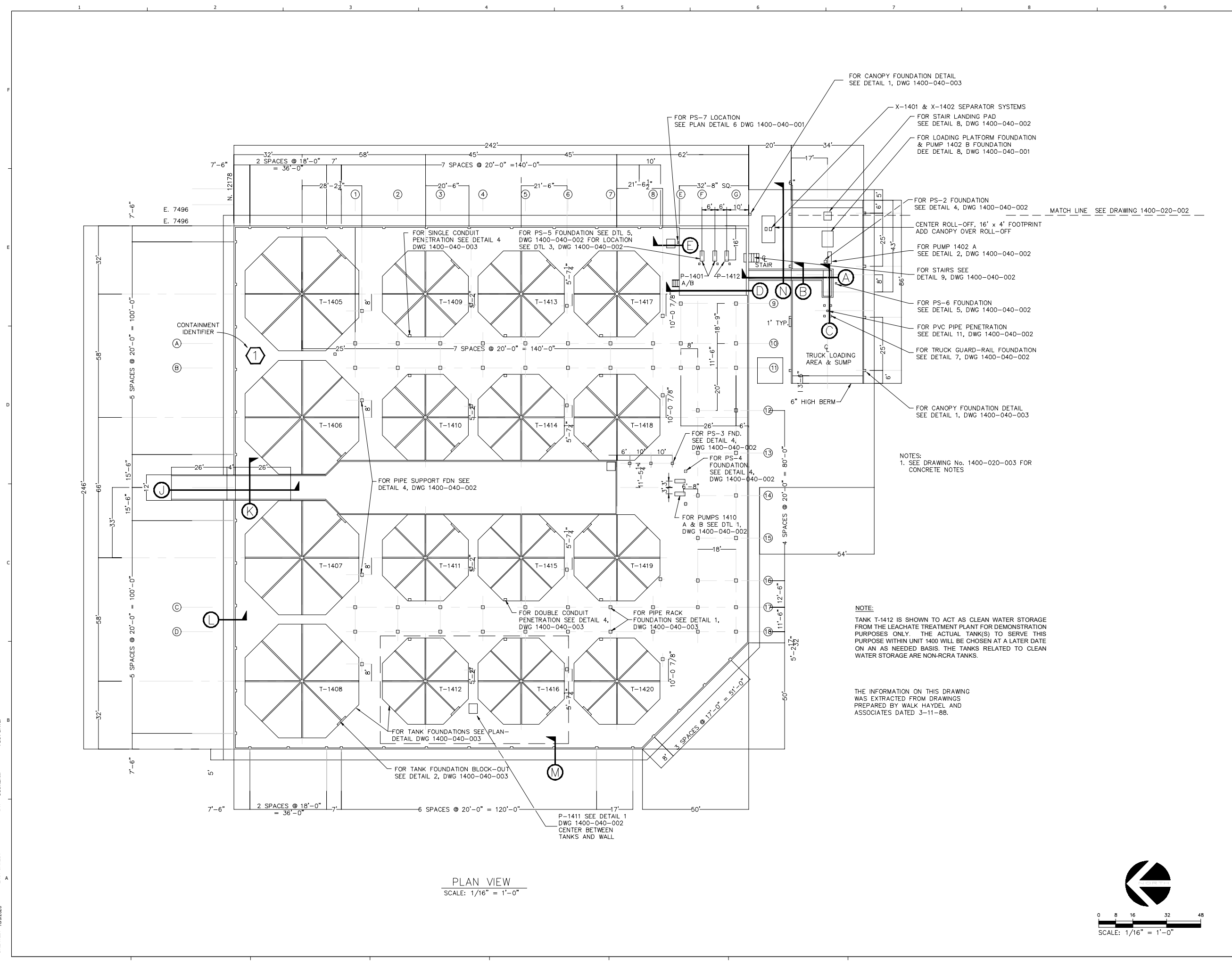
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 TANK MANAGEMENT UNIT 1400 - AREA FOUNDATION LOCATION PLAN

SHEET 1400-020-001

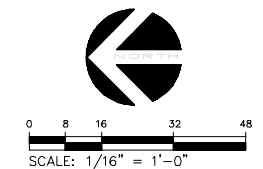


NOTES:
 1. SEE DRAWING No. 1400-020-003 FOR CONCRETE NOTES

NOTE:
 TANK T-1412 IS SHOWN TO ACT AS CLEAN WATER STORAGE FROM THE LEACHATE TREATMENT PLANT FOR DEMONSTRATION PURPOSES ONLY. THE ACTUAL TANK(S) TO SERVE THIS PURPOSE WITHIN UNIT 1400 WILL BE CHOSEN AT A LATER DATE ON AN AS NEEDED BASIS. THE TANKS RELATED TO CLEAN WATER STORAGE ARE NON-RCRA TANKS.

THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWINGS PREPARED BY WALK HAYDEL AND ASSOCIATES DATED 3-11-88.

PLAN VIEW
 SCALE: 1/16" = 1'-0"



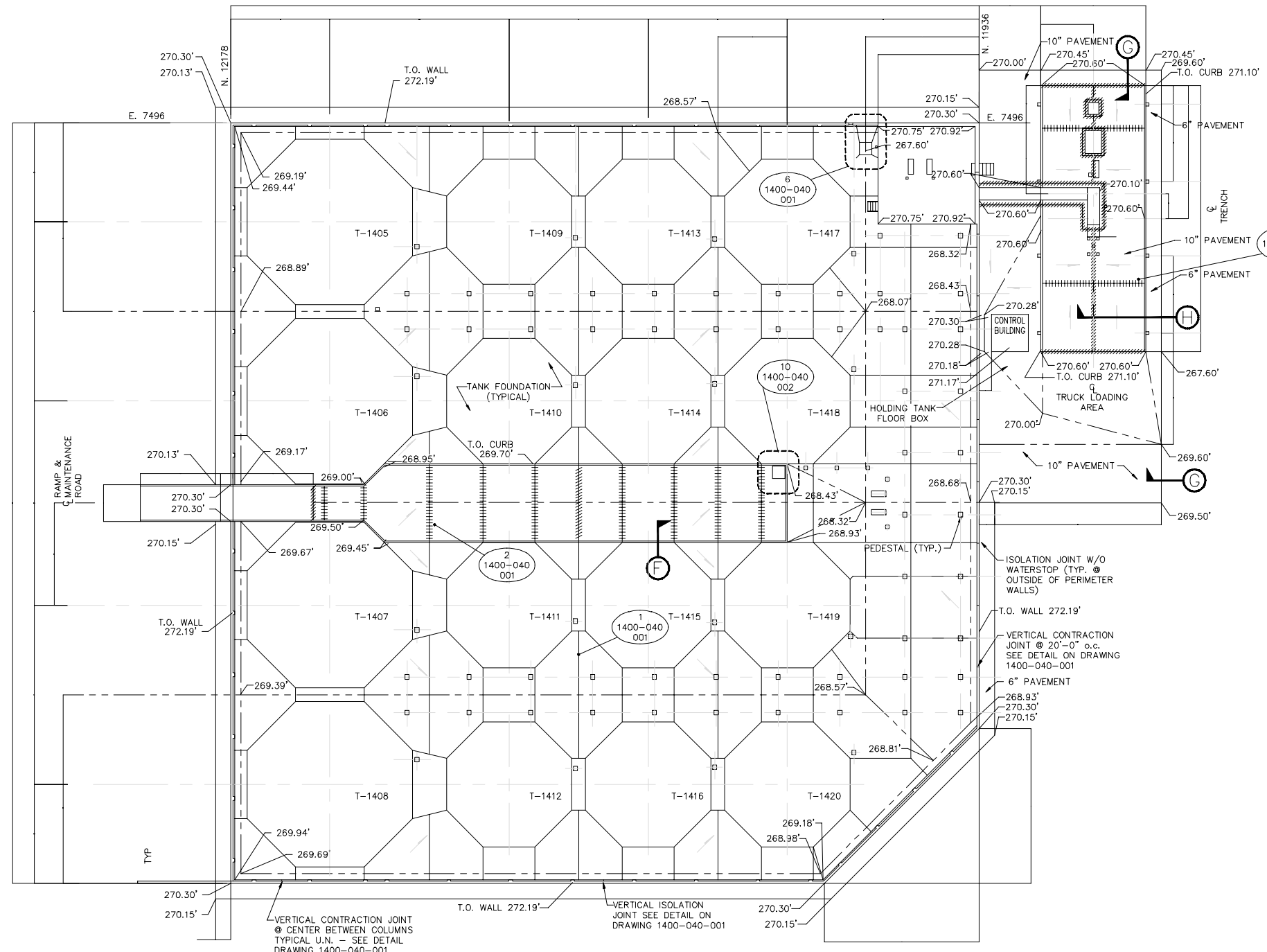
CREATED: 10/9/2020
 LAST SAVED: 12/2/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



RCRA PART B PERMIT APPLICATION

CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY

SUMNER COUNTY, AL



MATCH LINE SEE DWG 1400-040-004

CONCRETE NOTES

- CONTRACTOR IS RESPONSIBLE FOR DOING TESTING AND SAMPLING AS NEEDED TO MAINTAIN QUALITY CONTROL. AS SPECIFIED IN CONTRACT DOCUMENTS, A MINIMUM NUMBER OF TESTS WILL HAVE TO BE DONE AND REPORTED TO THE OWNER TO VERIFY THAT SOIL COMPACTION, CONCRETE STRENGTH, AND SLUMP MEETS THE SPECIFICATIONS. CONSTRUCTION NOT MEETING SPECIFICATIONS WILL HAVE TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS DURING WORK. NOTIFY OWNER OF ALL DISCREPANCIES.
- BEFORE ANY FABRICATION OR CONSTRUCTION BEGINS, ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR ENGINEERING APPROVAL.
- ALL REINFORCING BARS SHALL BE POSITIVELY SECURED WITH CHAIRS AND SUPPORTS BEFORE POURING CONCRETE, AND NO LIFTING OF REINFORCEMENT INTO PLACE DURING POURING.
- ISOLATION JOINTS ARE TYPICAL AROUND ALL OCTAGONAL TANK FOUNDATIONS AND INSIDE PERIMETER WALLS.
- ALL EXPOSED CONCRETE EDGES TO HAVE 3/4" CHAMFER.
- ON SITE SOILS MAY BE USED FOR FILL MATERIAL COMPACT TO AT LEAST 95% OF MAXIMUM PROCTOR DENSITY (ACCORDING TO ASTM D 698) WITHIN 3% OF OPTIMUM MOISTURE CONTENT.
- A CONCRETE MIX DESIGN IN ACCORDANCE WITH ACI SHALL BE SUBMITTED WITH THE FOLLOWING PROPERTIES:

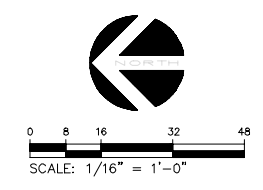
	PAVE & PRECAST	TANK FDN & OTHER
MAXIMUM SLUMP	3"	3"
MIN. 28 DAY COMP. STRENGTH	4000 PSI	3000 PSI
MIN. MODULES OF RUPTURE	550 PSI	N/A

- ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
- MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 PORTLAND CEMENT: ASTM C150 TYPE 1
 AGGREGATES FOR NORMAL WEIGHT CONCRETE: ASTM C33
 REINFORCING STEEL: ASTM A615 GRADE 60
 ANCHOR BOLTS: ASTM A307
- ALL SLOPES ON CONCRETE SURFACES ARE TO BE FLAT PLANES WITH RIDGES AND VALLEYS AS INDICATED.
- ELEVATIONS AND COORDINATES FOR SURVEY WORK SHALL BE BASED ON THE FOLLOWING CONTROL POINTS. (ALL ELEVATIONS ARE N.G.V.D. DATUM AND COORDINATES ARE CWM PLANE COORDINATES).

VERTICAL BENCH MARKS:
 B.M. - 105 R.R. SPIKE IN TELEPHONE POLE WEST OF THE PAVED ROAD AT THE CONSTRUCTION SITE N=11, 984.19
 E=7,081.49 ELEV.=272.96
 B.M. - 104 R.R. SPIKE IN TELEPHONE POLE WEST OF THE PAVED ROAD AT THE CONSTRUCTION SITE N=12,304.57
 E=7,043.40 ELEV.=265.70

HORIZONTAL CONTROL STATIONS:
 C.I. - AT NORTHEAST CORNER OF BLDG. 604 KNOWN AS CENTRAL INVENTORY
 N=13,285.936 E=6,249.610
 RC-20 - SOUTHEAST OF PRESENT TRUCK WASH, NORTH OF BLACKTOP ROAD IN CURVE.
 N=12,923.120 E=6,969.21

- LEGEND**
- ISOLATION JOINT
 - ===== DOWELED EXPANSION JOINT
 - CONTRACTION JOINT
 - ===== DOWELED CONTRACTION JOINT
 - - - - - CONCRETE VALLEY LINE
 - RESULTANT SLOPE DIRECTION
 - ▲-270.30' SPOT ELEVATION (NGVD)



PLAN VIEW
 SCALE: 1/16" = 1'-0"

THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWINGS PREPARED BY WALK HAYDEL AND ASSOCIATES DATED 3-11-88.

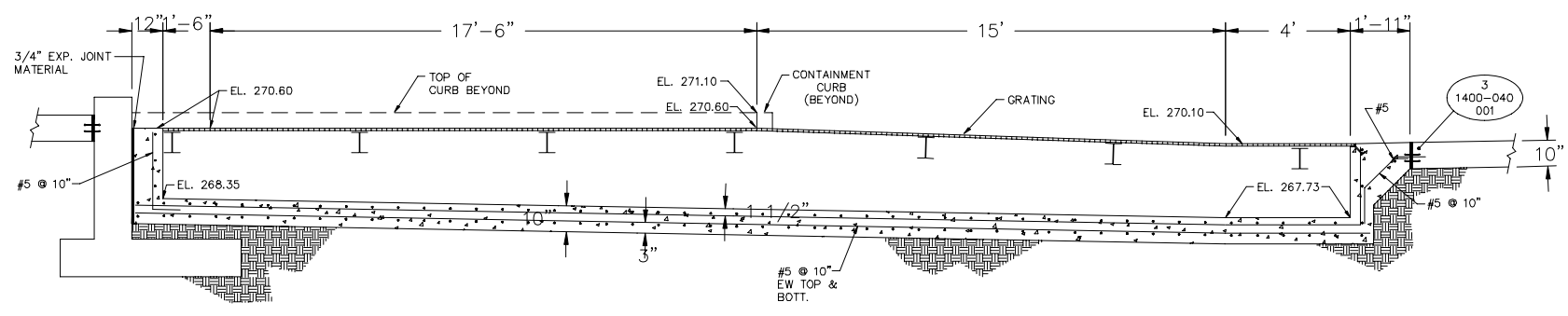
NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

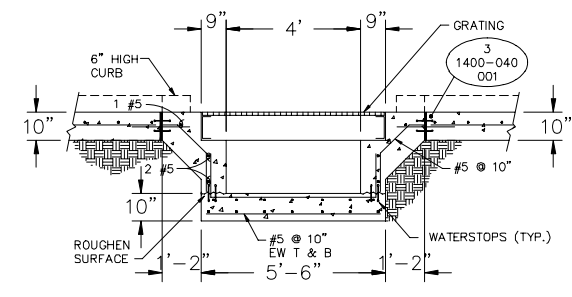
TANK MANAGEMENT UNIT 1400
 - AREA PAVING PLAN

SHEET 1400-020-003

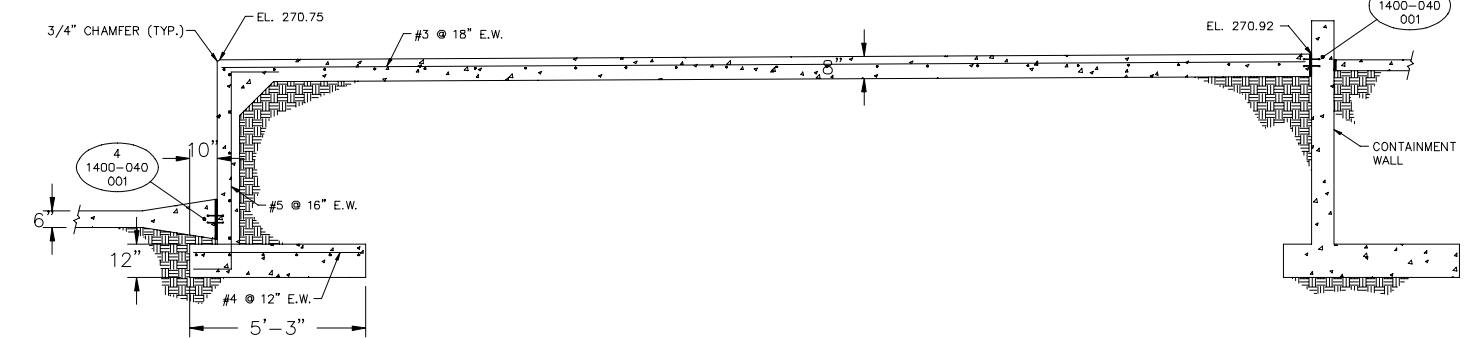
CREATED: 10/9/2020
 LAST SAVED: 12/12/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022



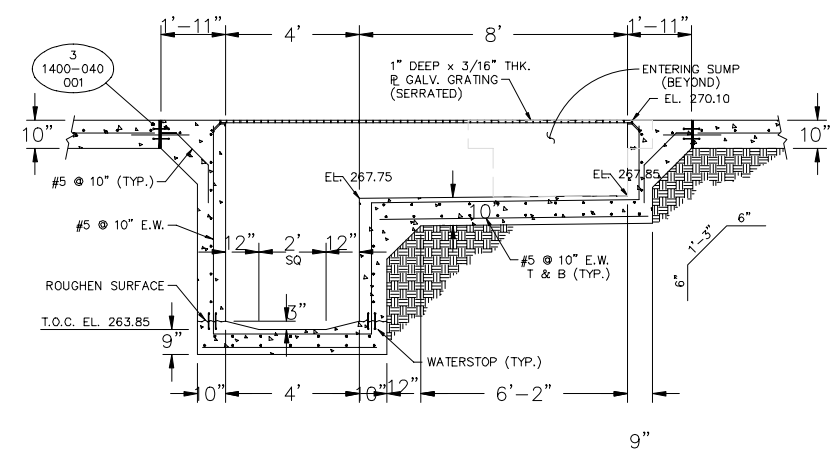
(A) SECTION THRU
 TRUCK LOADING SUMP
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



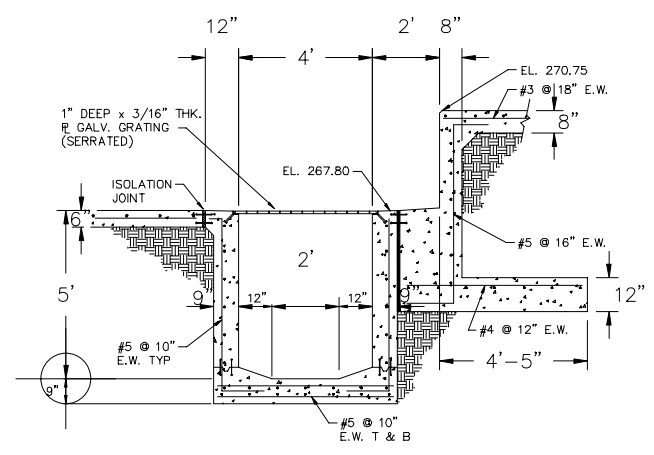
(B) SECTION THRU
 TRUCK LOADING SUMP
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



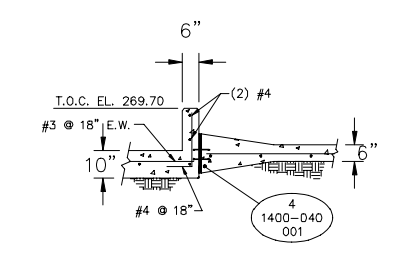
(D) SECTION THRU
 FOUNDATION
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



(C) SECTION THRU
 TRUCK LOADING SUMP
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



(E) SECTION THRU
 SUMP & FOUNDATION
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



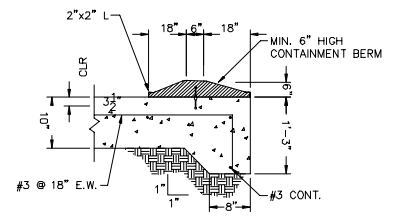
(F) SECTION THRU
 CONTAINMENT AREA
 REF. DWG. 1400-020-003
 SCALE: 1/2" = 1'-0"

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

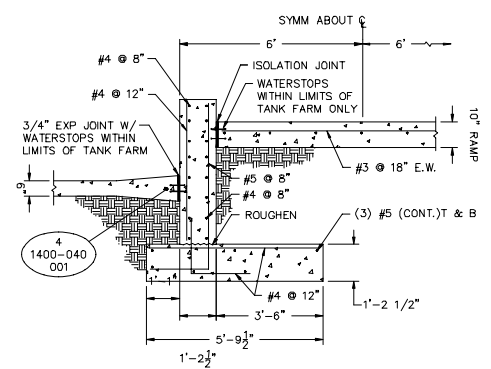
THE INFORMATION ON THIS DRAWING
 WAS EXTRACTED FROM DRAWINGS
 PREPARED BY WALK HAYDEL AND
 ASSOCIATES DATED 3-11-88.

NO.	DATE	REVISION DESCRIPTION
001	08/22	RCRA PART B PERMIT RENEWAL

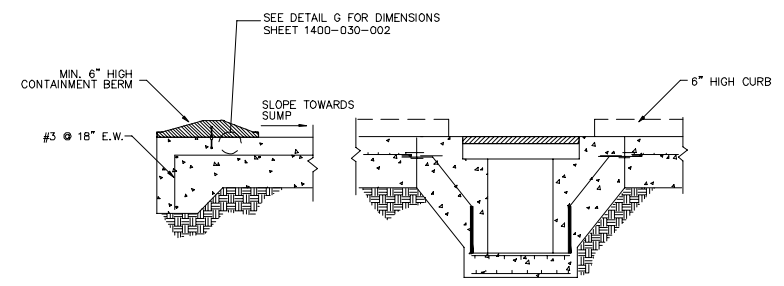
DATE:	AUGUST 2022
DISC. LEAD:	MTF
DESIGNER:	RAK
CHECKER:	SBT
SHEET TITLE:	TANK MANAGEMENT UNIT 1400 - SECTIONS



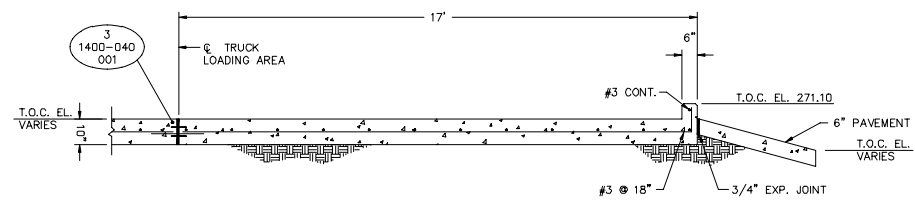
G SECTION THRU TRUCK LOADING AREA PAVEMENT
 REF. DWG. 1400-020-003
 SCALE: 1" = 1'-0"



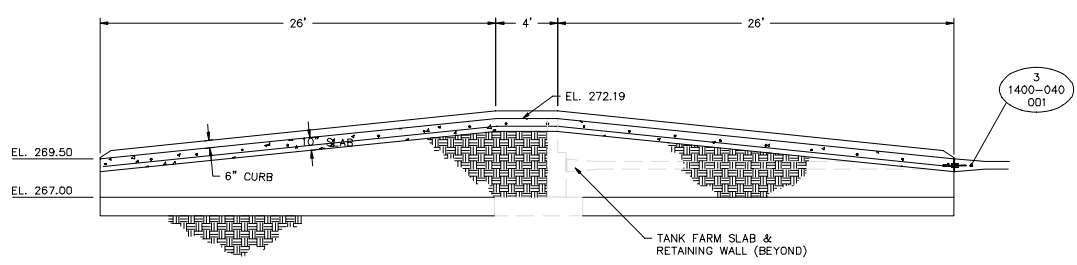
K SECTION THRU MAINTENANCE RAMP
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



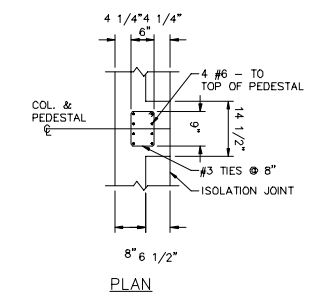
N SECTION THRU SOLIDS SEPARATION
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



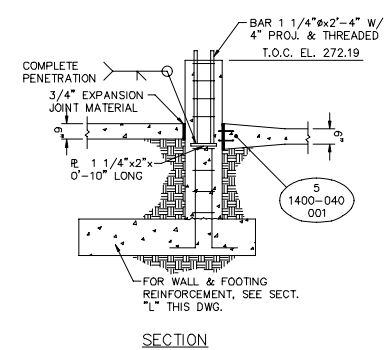
H SECTION THRU TRUCK LOADING BAY
 REF. DWG. 1400-020-003
 SCALE: 1/2" = 1'-0"



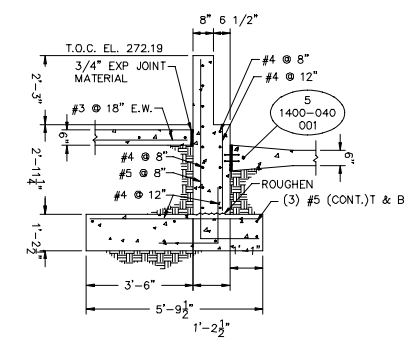
J SECTION THRU ACCESS RAMP
 REF. DWG. 1400-020-001
 SCALE: 1/4" = 1'-0"



M SECTION THRU PERIMETER WALL
 REF. DWG. 1400-020-001
 SCALE: 3/8" = 1'-0"



L SECTION THRU PERIMETER WALL
 REF. DWG. 1400-020-001
 SCALE: 1/2" = 1'-0"



THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWINGS PREPARED BY WALK HAYDEL AND ASSOCIATES DATED 3-11-88.

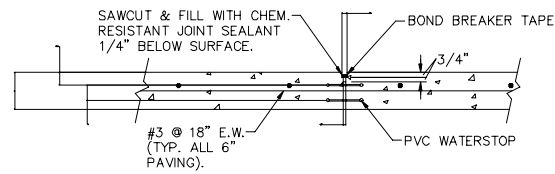
NO.	REVISION DESCRIPTION	DATE
01	RCRA PART B PERMIT RENEWAL	
02		
03		
04		
05		
06		
07		
08		
09		
10		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

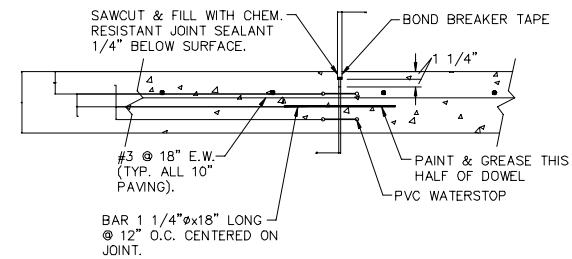
TANK MANAGEMENT UNIT 1400 - SECTIONS

SHEET 1400-030-002

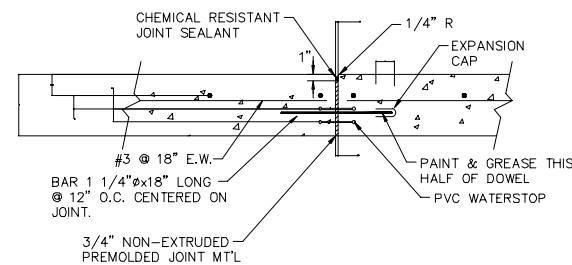
CREATED: 10/01/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



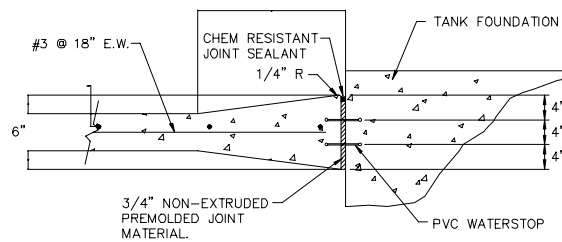
1 UNDOWELED CONTRACTION JOINT
SCALE: 1" = 1'-0"



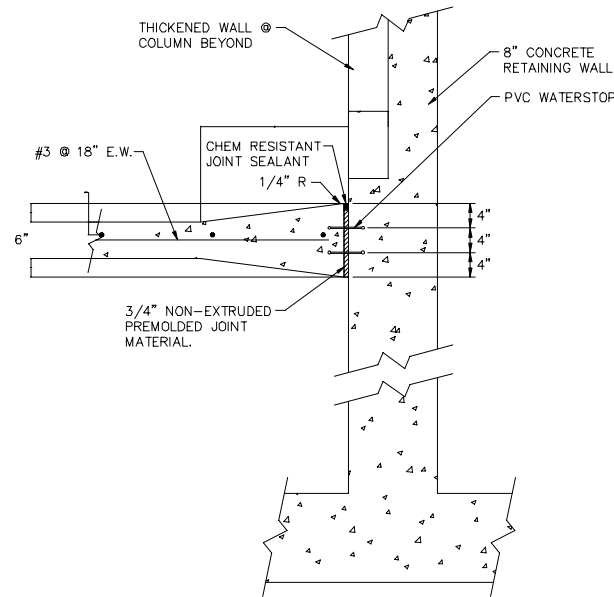
2 DOWELED CONTRACTION JOINT
SCALE: 1" = 1'-0"



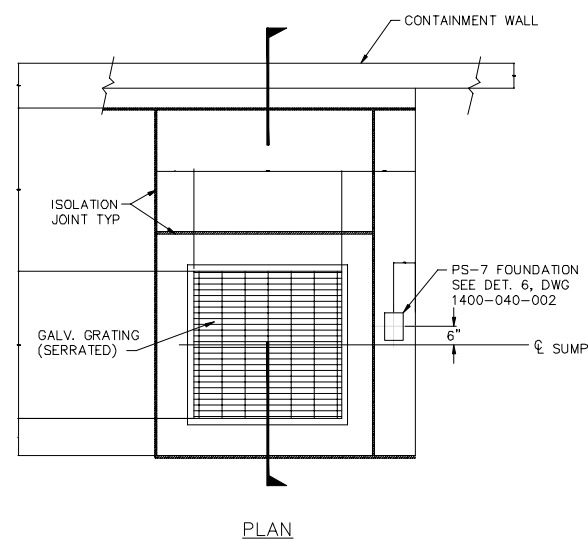
3 DOWELED EXPANSION JOINT
SCALE: 1" = 1'-0"



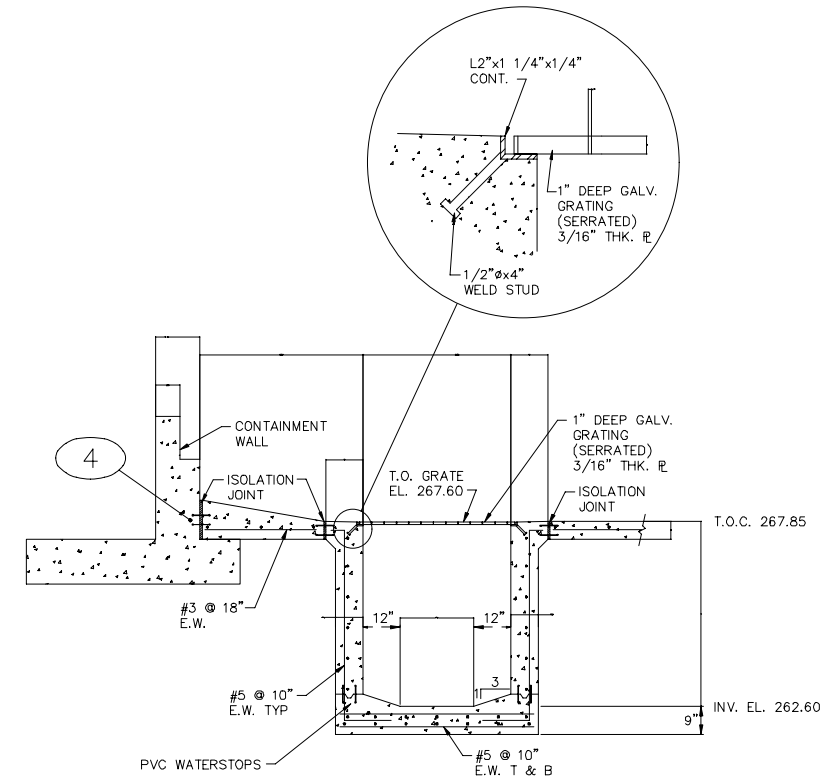
4 ISOLATION JOINT AT TANK FOUNDATION
SCALE: 1" = 1'-0"



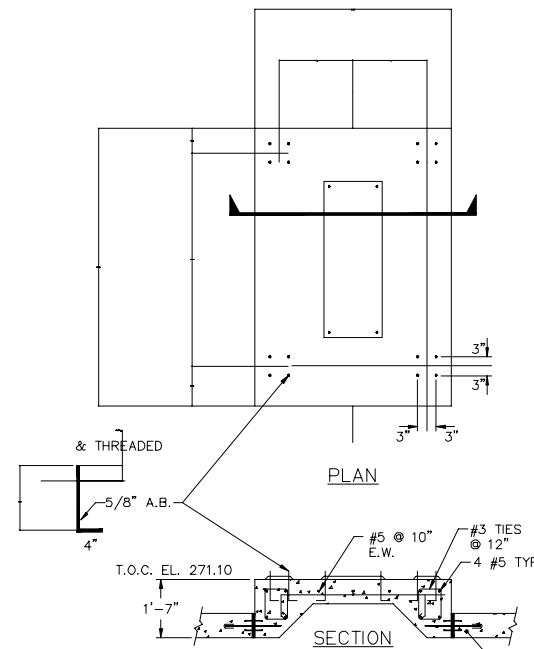
5 ISOLATION JOINT AT WALL
SCALE: 1" = 1'-0"



PLAN



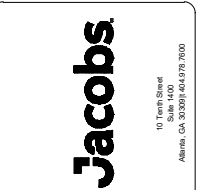
6 DETAIL OF SUMP
SCALE: 1/2" = 1'-0"



7 DETAIL OF LOADING PLATFORM & PEDESTAL 1402B
SCALE: 1/2" = 1'-0"

THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWINGS PREPARED BY WALK HAYDEL AND ASSOCIATES DATED 3-11-88.

CREATED: 10/9/2020
LAST SAVED: 12/12/2020
BY: COSNERM
PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION

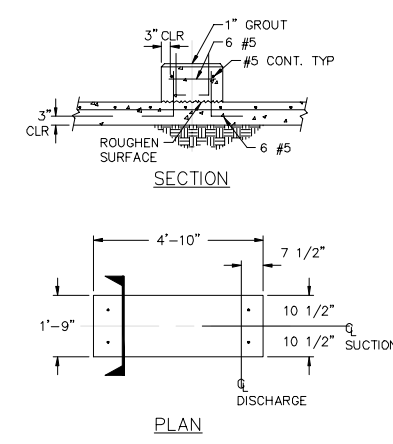


RCRA PART B PERMIT APPLICATION
CHEMICAL WASTE MANAGEMENT INC.
EMELLE, ALABAMA TREATMENT FACILITY

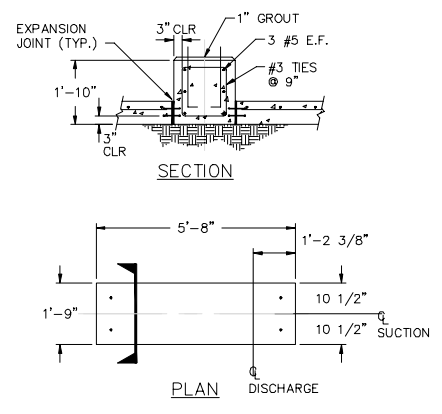
REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT
SHEET TITLE

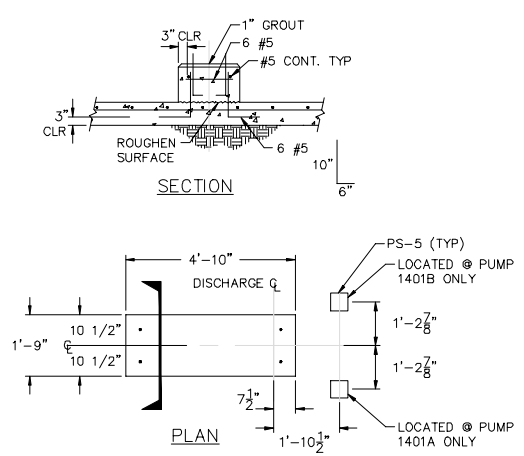
TANK MANAGEMENT UNIT 1400 - DETAILS
SHEET 1400-040-001



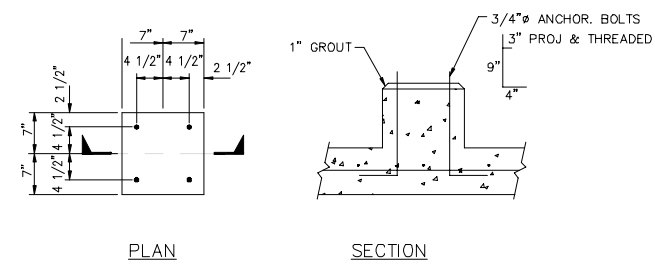
1 DETAIL OF PUMP PEDESTALS 1410A & B & P1411 & P1412
 SCALE: 1/2" = 1'-0"



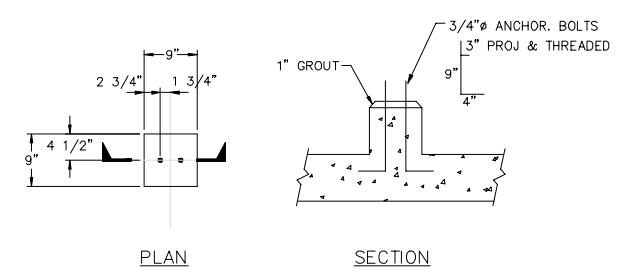
2 DETAIL OF PUMP PEDESTAL 1402A
 SCALE: 1/2" = 1'-0"



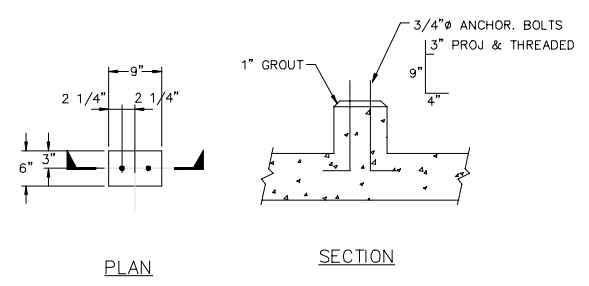
3 DETAIL OF PUMP PEDESTALS 1401A & B
 SCALE: 1/2" = 1'-0"



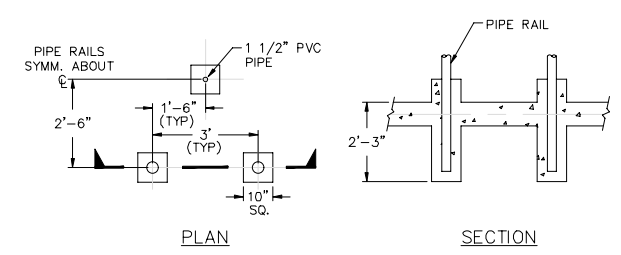
4 TYPICAL DETAIL OF PS-2, 3, & 4 FOUNDATION
 SCALE: 1" = 1'-0"



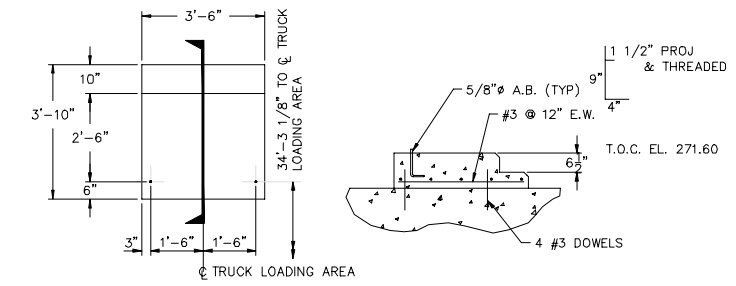
5 TYPICAL DETAIL OF PS-5 & 6 FOUNDATION
 SCALE: 1" = 1'-0"



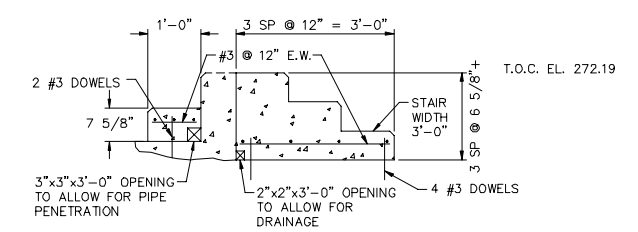
6 DETAIL OF PS-7 FOUNDATION
 SCALE: 1" = 1'-0"



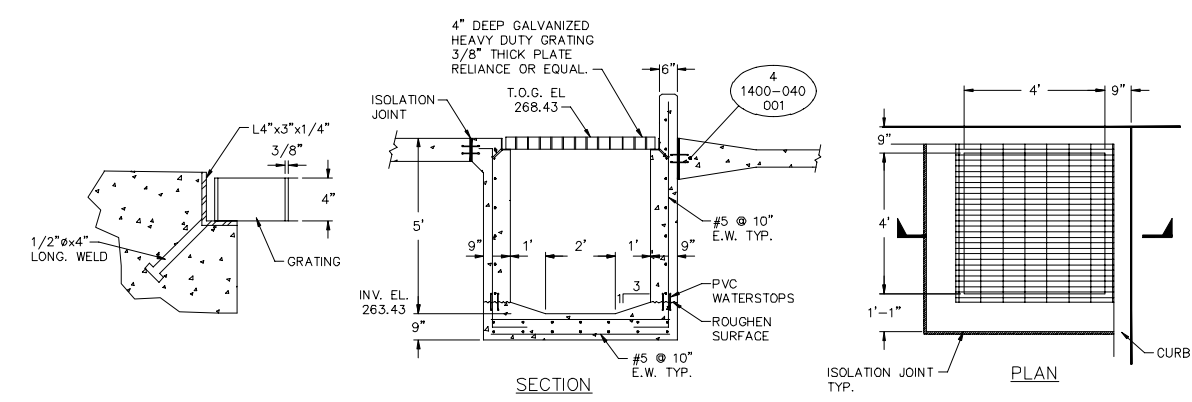
7 DETAIL OF TRUCK GUARD RAIL
 SCALE: 1/2" = 1'-0"



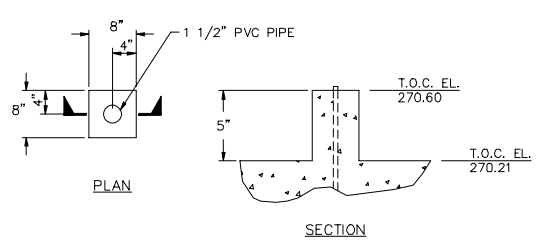
8 DETAIL OF STAIR LANDING PAD
 SCALE: 1/2" = 1'-0"



9 DETAIL OF STAIRS
 SCALE: 3/4" = 1'-0"



10 DETAIL OF SUMP
 SCALE: 3/4" = 1'-0"



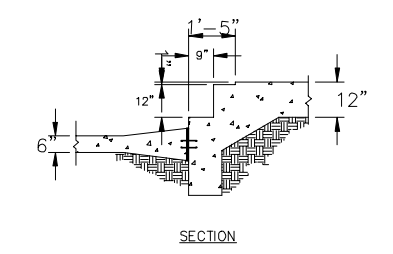
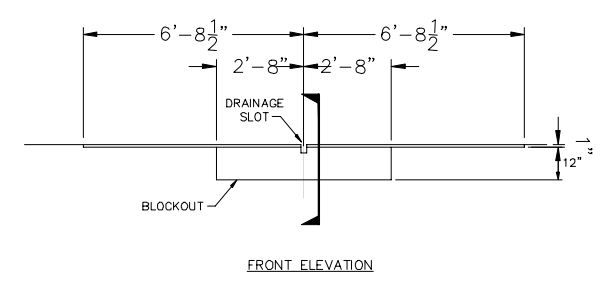
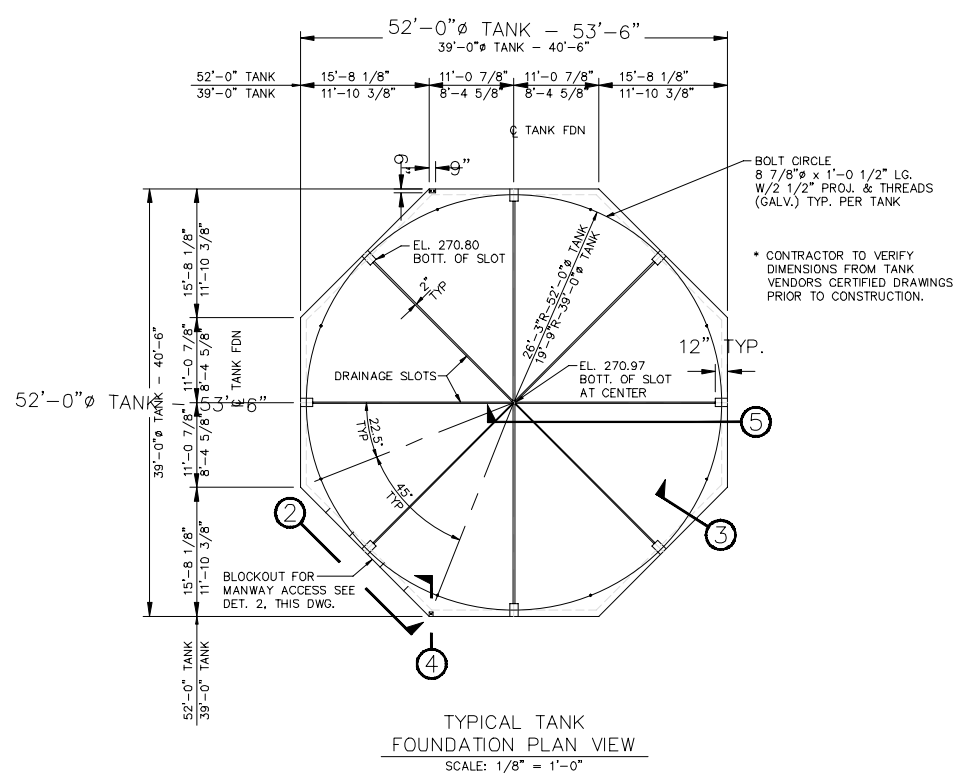
11 DETAIL OF PVC PIPE PENETRATION
 SCALE: 1" = 1'-0"

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSMIERM
 PLOT DATE: 7/21/2022

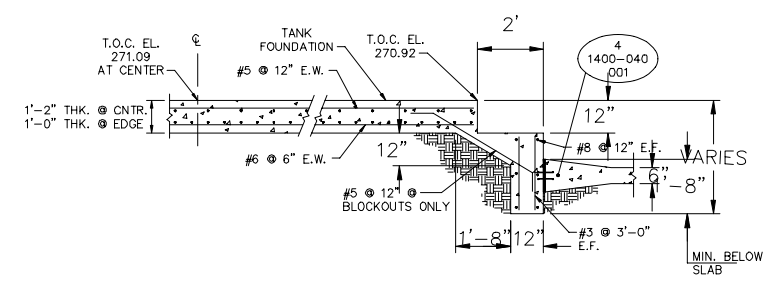
THE INFORMATION ON THIS DRAWING WAS EXTRACTED FROM DRAWINGS PREPARED BY WALK HAYDEL AND ASSOCIATES DATED 3-11-88.

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

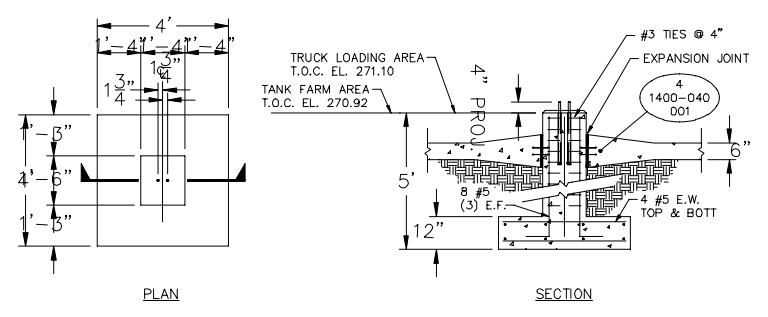
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE: TANK MANAGEMENT UNIT 1400 - DETAILS
 SHEET: 1400-040-002



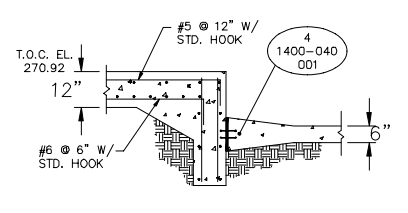
2 DETAIL OF FOUNDATION BLOCKOUT FOR MANWAY ACCESS
SCALE: 1/2" = 1'-0"



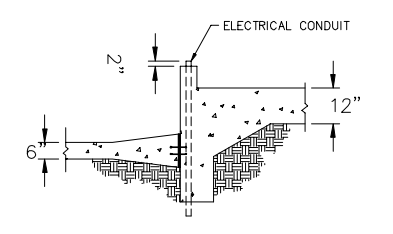
5 SECTION THRU TANK PEDESTAL
SCALE: 1/2" = 1'-0"



1 DETAIL OF FOUNDATIONS FOR PIPE RACK SUPPORTS AND TRUCK LOADING CANOPY SUPPORTS
SCALE: 1/2" = 1'-0"



3 TYPICAL SECTION THRU TANK PEDESTAL
SCALE: 1/2" = 1'-0"



4 DETAIL AT ELECTRICAL CONDUIT
SCALE: 1/2" = 1'-0"

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNIERM
 PLOT DATE: 7/21/2022

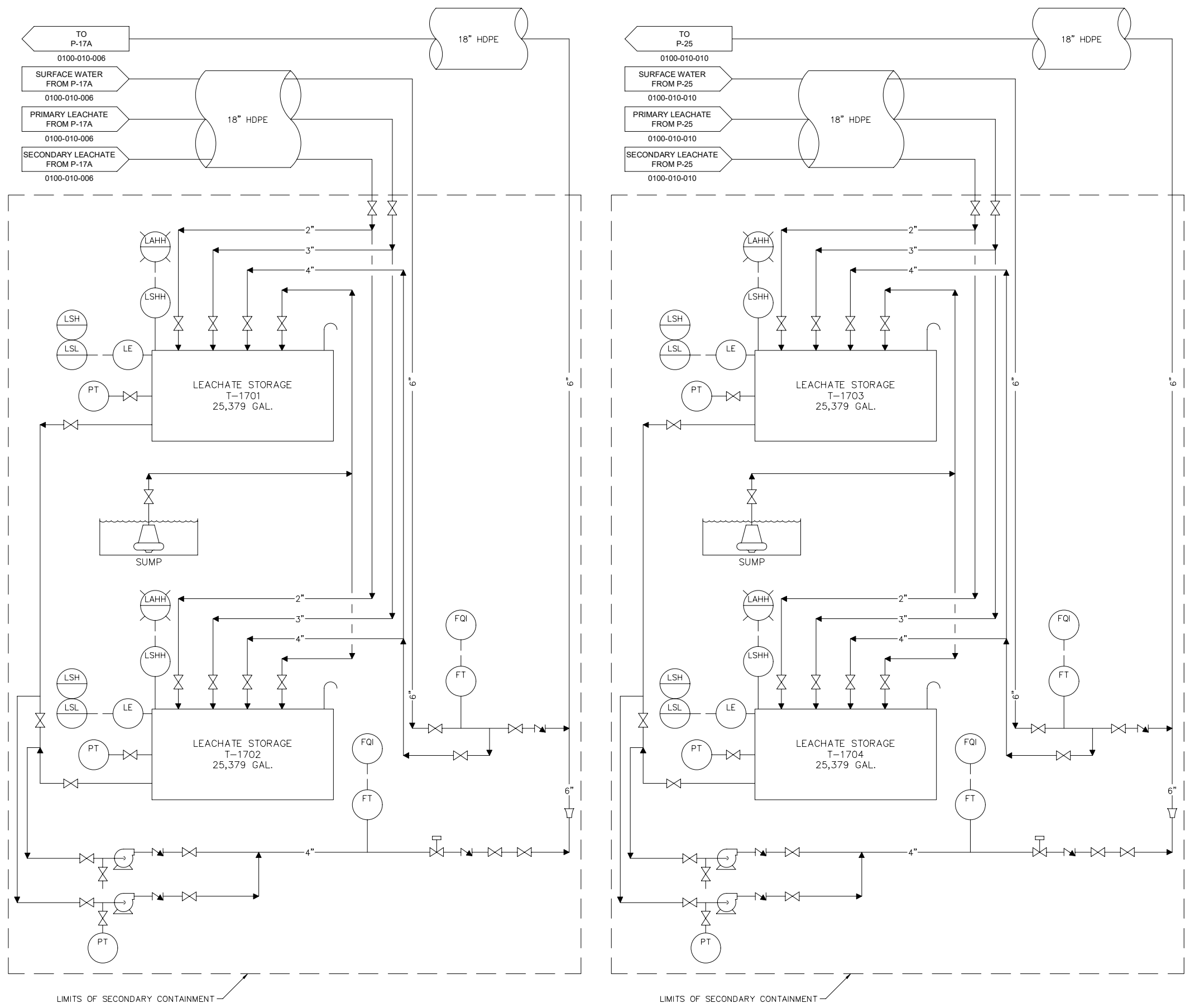


RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SENTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

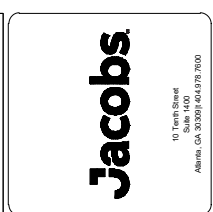
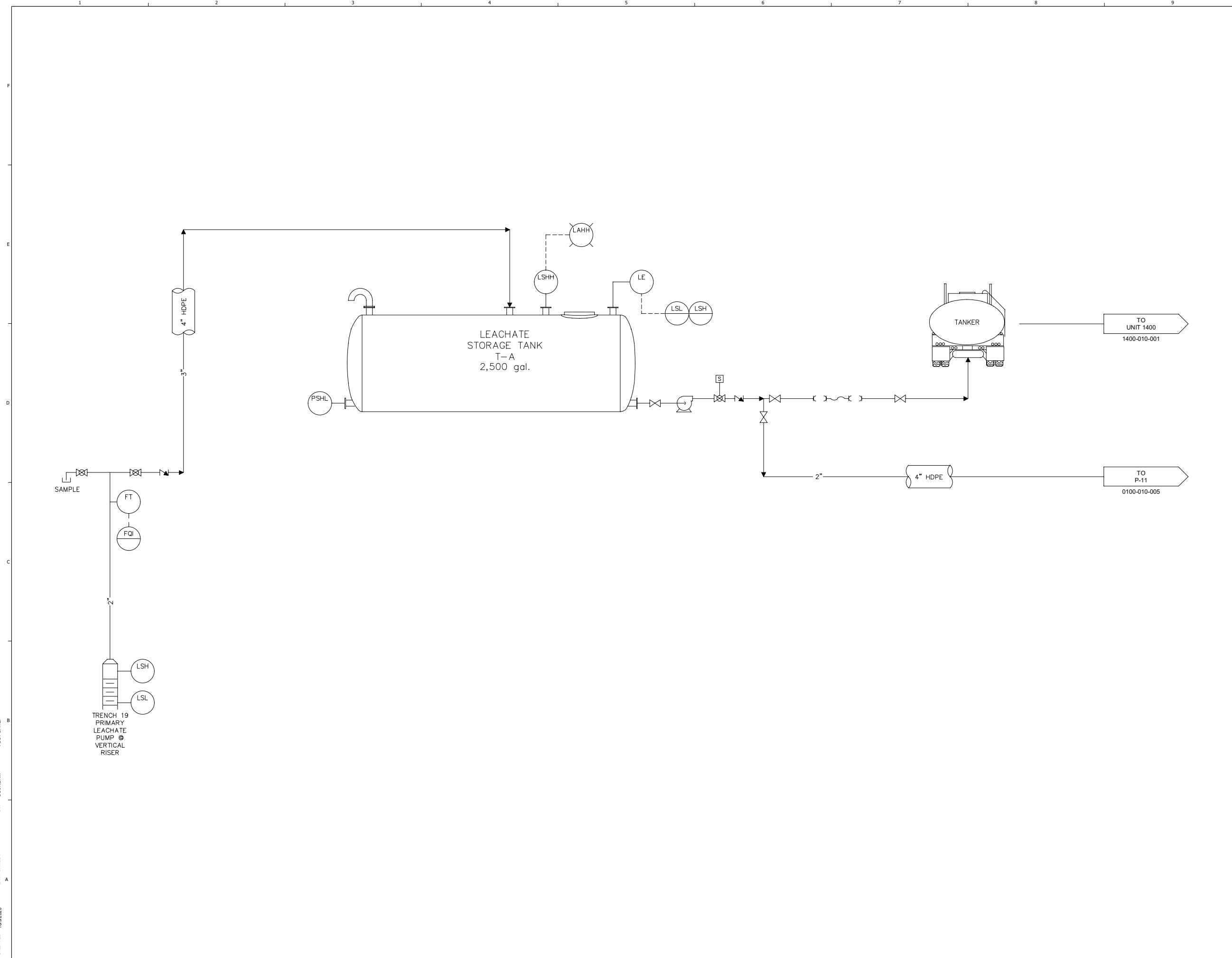
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 LEACHATE TANK STORAGE UNIT 1700B & C (T-1701 THRU T-1704) - P&ID



CREATED: 10/9/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELLE, ALABAMA TREATMENT FACILITY
 SUTTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

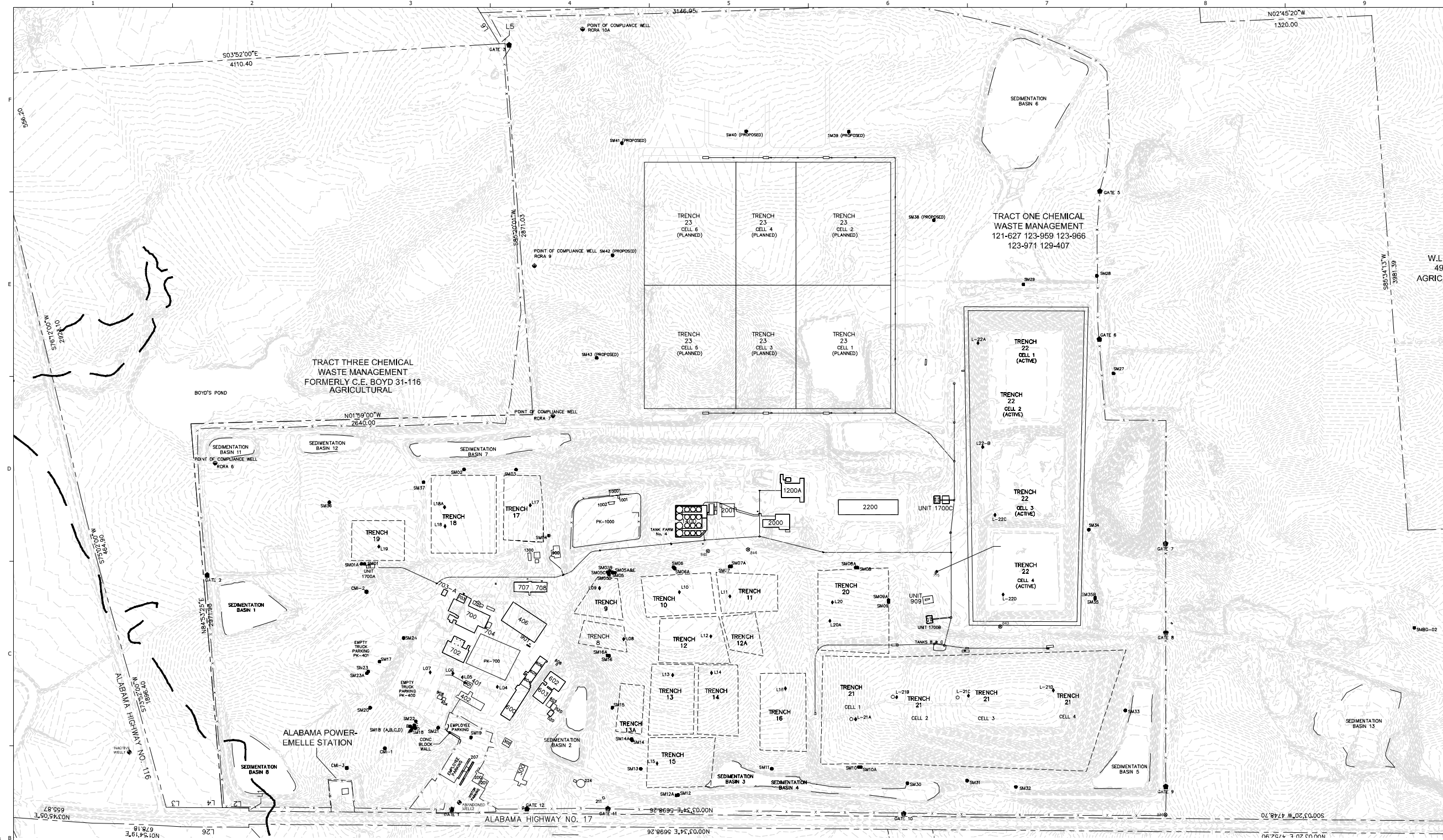
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 TANK LEACHATE STORAGE UNIT 1700A (TANK T-A) - P&ID
 SHEET 1700-010-003



RCRA PART B PERMIT APPLICATION

CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY

SWEEPER COUNTY, AL

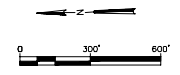


UNIT IDENTIFICATION LEGEND

NO.	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION
200	ADMINISTRATIVE OFFICE	*☆ 600	TANK MANAGEMENT UNIT	☆ 900	WHEEL WASH & TANK STORAGE UNIT	*☆ 2000	CONTAINER MANAGEMENT UNIT
201	ADMINISTRATIVE OFFICE	*☆ 602	CONTAINER STORAGE UNIT	☆ 901	REFUELING STATION	2001	LEACHATE TREATMENT PLANT
203	STORAGE HOUSE	*☆ 603	CONTAINER STORAGE UNIT	☆ 908	TRANSPORTATION FUELING	*☆ 2200	CONTAINER STORAGE UNIT
207	GUARD HOUSE/SCALES	*☆ 604	CONTAINER MANAGEMENT UNIT	☆ 909	HEAVY EQUIPMENT FUELING		
224	FIRE SYSTEM PUMP HOUSE/TANK	*☆ 605	CENTRAL INVENTORY	1000	BULK SAMPLING STATION		
300	HEAVY EQUIPMENT MAINT./TANK	606	FACILITY MAINTENANCE SHOP	1001	UNIT 1000 BREAKROOM/OFFICE/LAB		
302	DOCUMENT STORAGE	608	C.I. FLAMMABLE STORAGE BUILDING	1002	UNIT 1000 SHED		
401	PAINT & WASH BUILDING	*☆ 700	CONTAINER MANAGEMENT UNIT	*☆ 1200A	CONTAINMENT BUILDING/ CONTAINER & TANK MANAGEMENT UNIT	* TSCA REGULATED UNIT	
402	TRANSPORTATION SHOP	*☆ 701	OPERATION OFFICE	1300	WHEEL WASH CLEAN WATER STORAGE	*-1 TSCA REGULATED UNIT - LOADING STATION ONLY	
404	SHOWER, LOCKER FACILITY & CAFETERIA	*☆ 702	CONTAINER MANAGEMENT UNIT	☆ 1400	TANK MANAGEMENT UNIT	*☆ RCRA REGULATED UNIT	
*☆ 406	CONTAINER STORAGE UNIT	*☆ 703	ORGANIC CONTAINER & TANK MANAGEMENT UNIT (INACTIVE)	☆ 1700	LEACHATE TANK STORAGE UNITS (MULTIPLE LOCATIONS - A, B & C)		
*☆ 520	CONTAINER AND TANK MANAGEMENT UNIT	*☆ 703A	TANK MANAGEMENT UNIT (INACTIVE)				
		704	AIR COMPRESSOR BUILDING				
		707	CONSOLIDATED TECH SERVICES BLDG.				
		☆ 708	LABORATORY & TANK STORAGE UNIT				

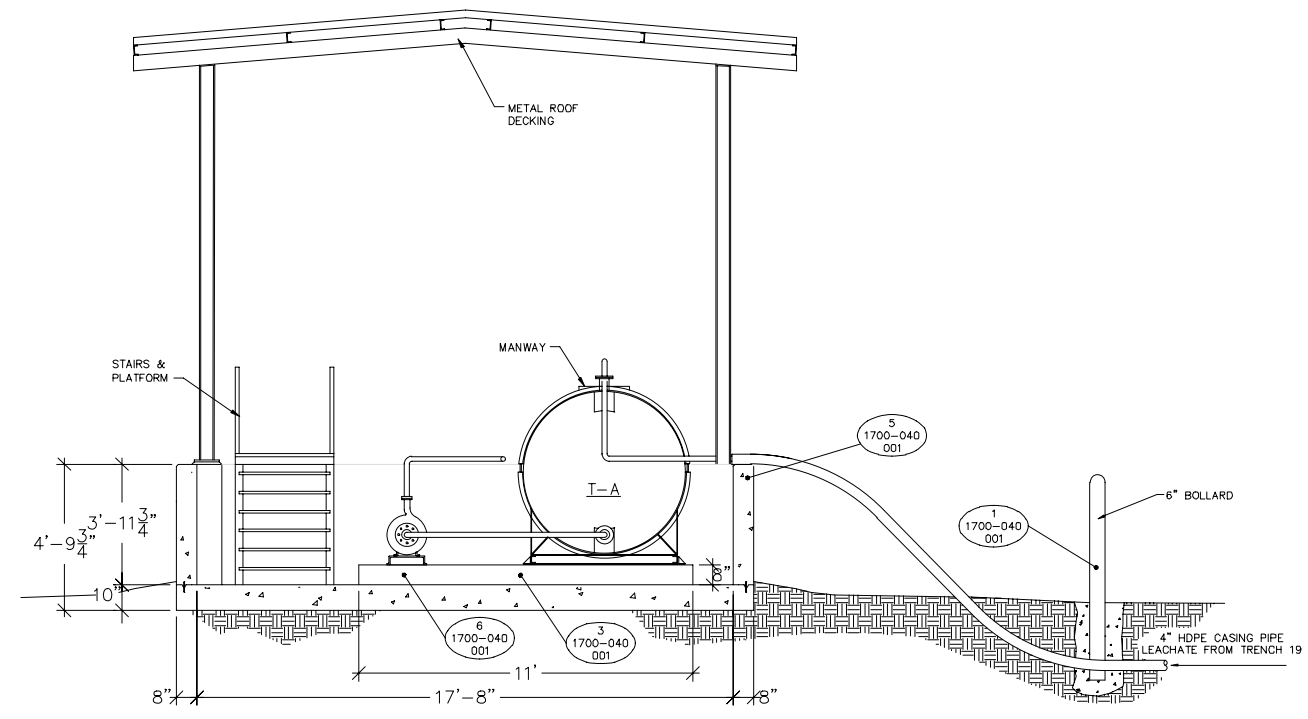
NO.	REVISION DESCRIPTION	DATE
1	RCRA PART B PERMIT RENEWAL	
2		
3		
4		
5		
6		
7		
8		
9		
10		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE

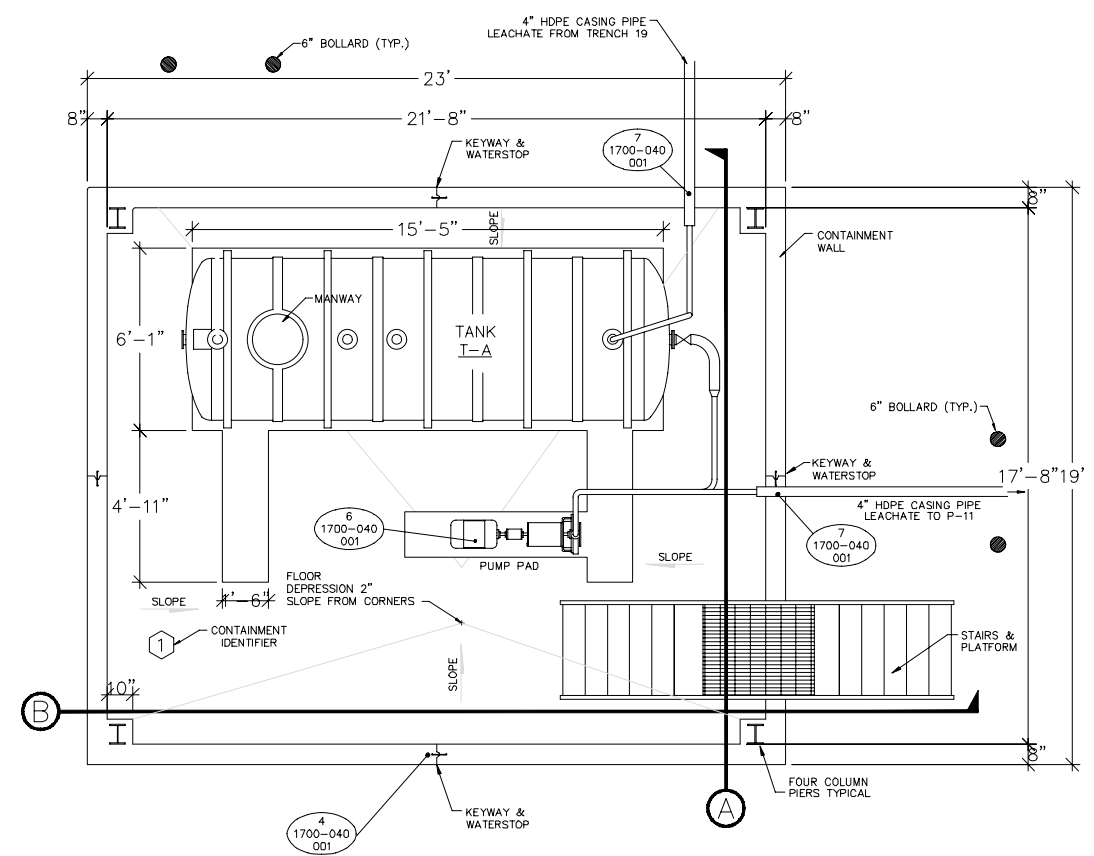


UNDERGROUND PIPE CHASE
 UNITS 1700A, B & C - SITE PLAN

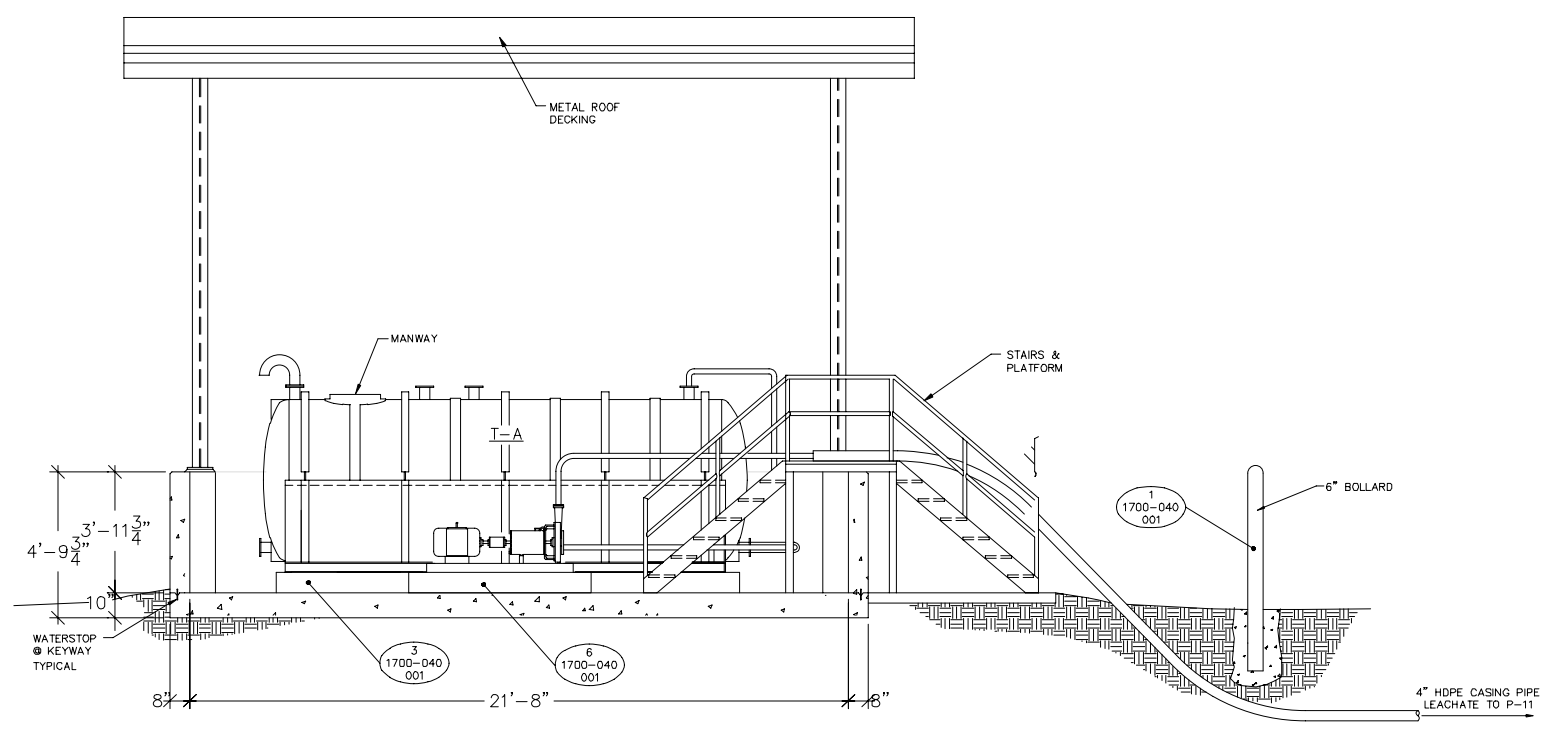
CREATED: 10/9/2020
 LAST SAVED: 12/6/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



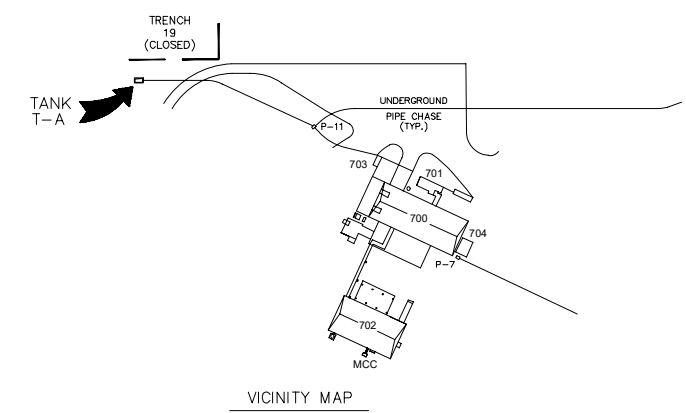
(A) SECTION THRU CONTAINMENT AREA
 REF. DWG. 1700-020-002
 SCALE: 1/2" = 1'-0"



PLAN VIEW
 REF. DWG. 0100-010-002
 SCALE: 1/2" = 1'-0"



(B) SECTION THRU CONTAINMENT AREA
 REF. DWG. 1700-020-002
 SCALE: 1/2" = 1'-0"



VICINITY MAP

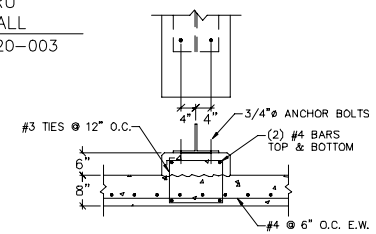
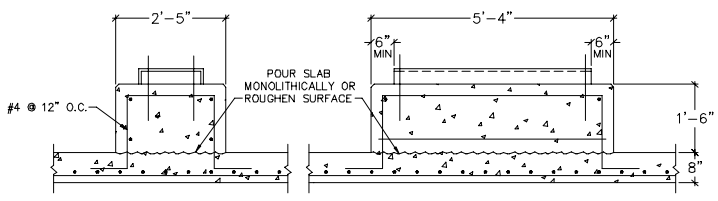
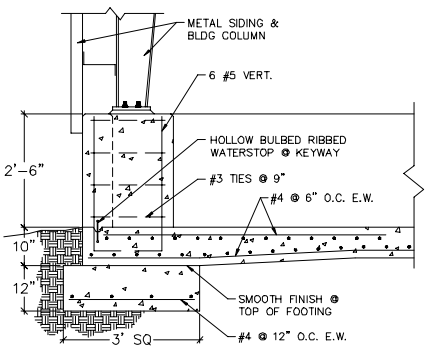
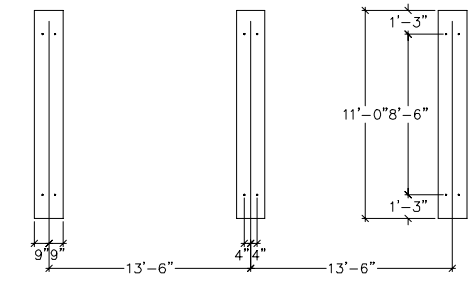
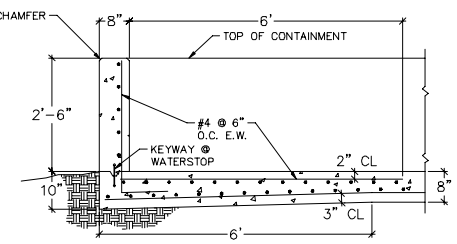
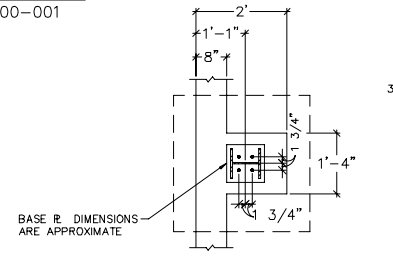
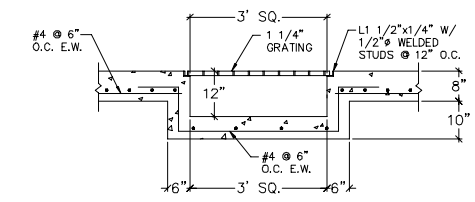
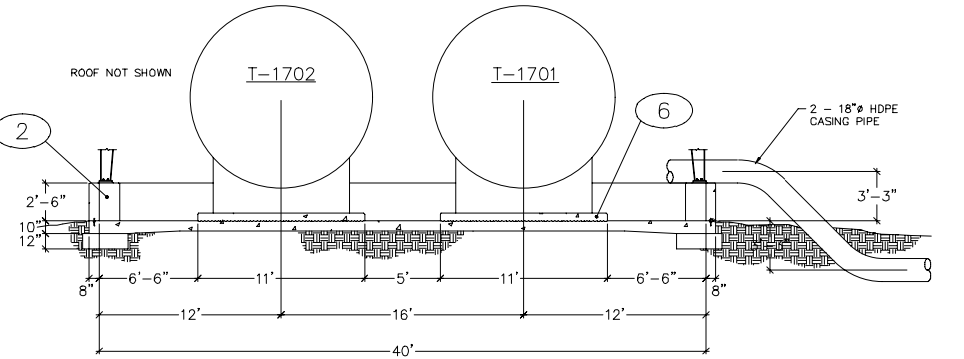
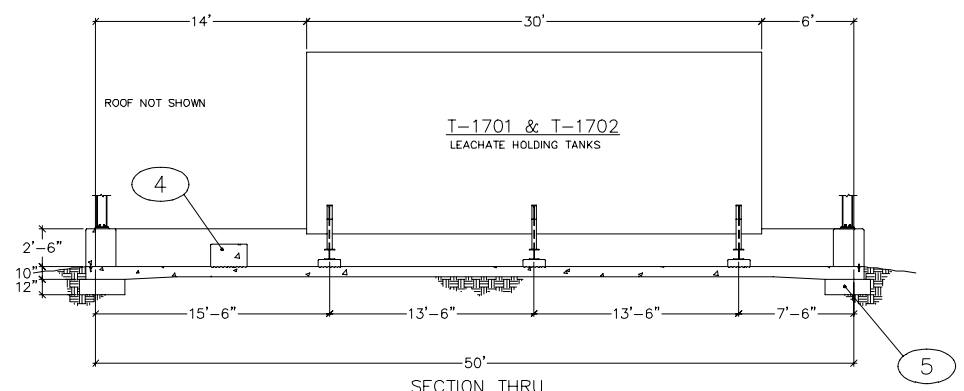
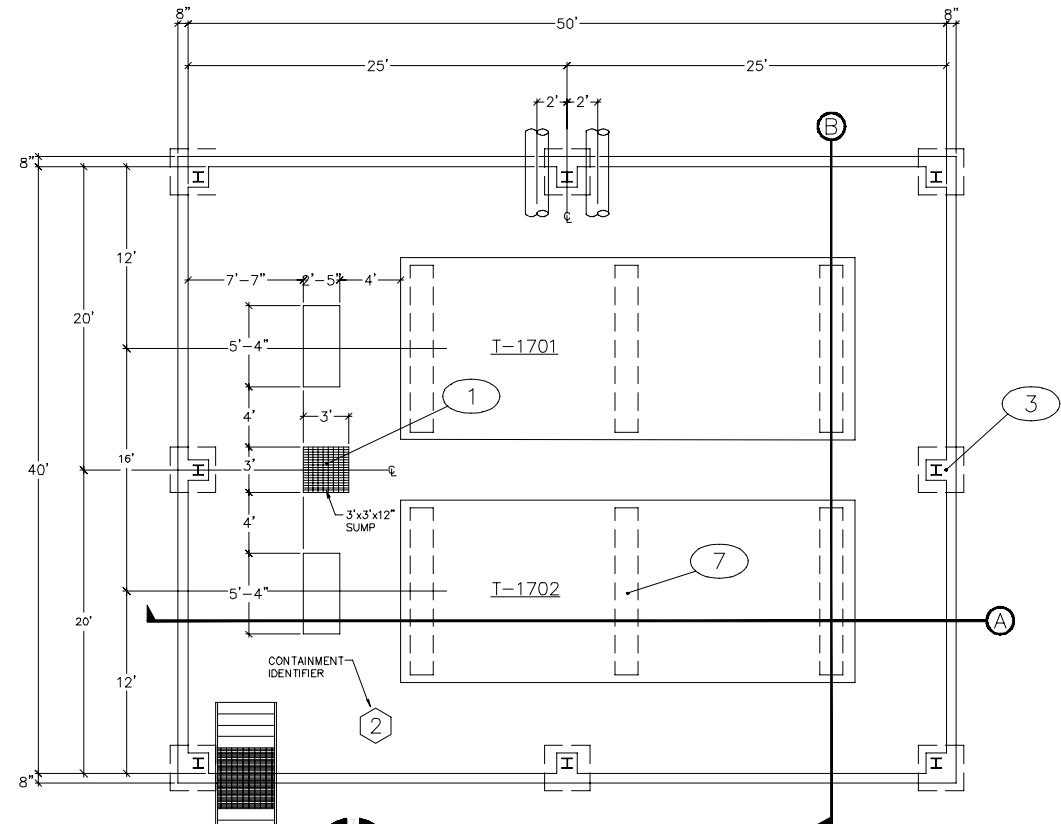
REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE DRAWING IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

LEACHATE TANK T-A, UNIT 1700A - PLAN & SECTIONS

SHEET 1700-020-002

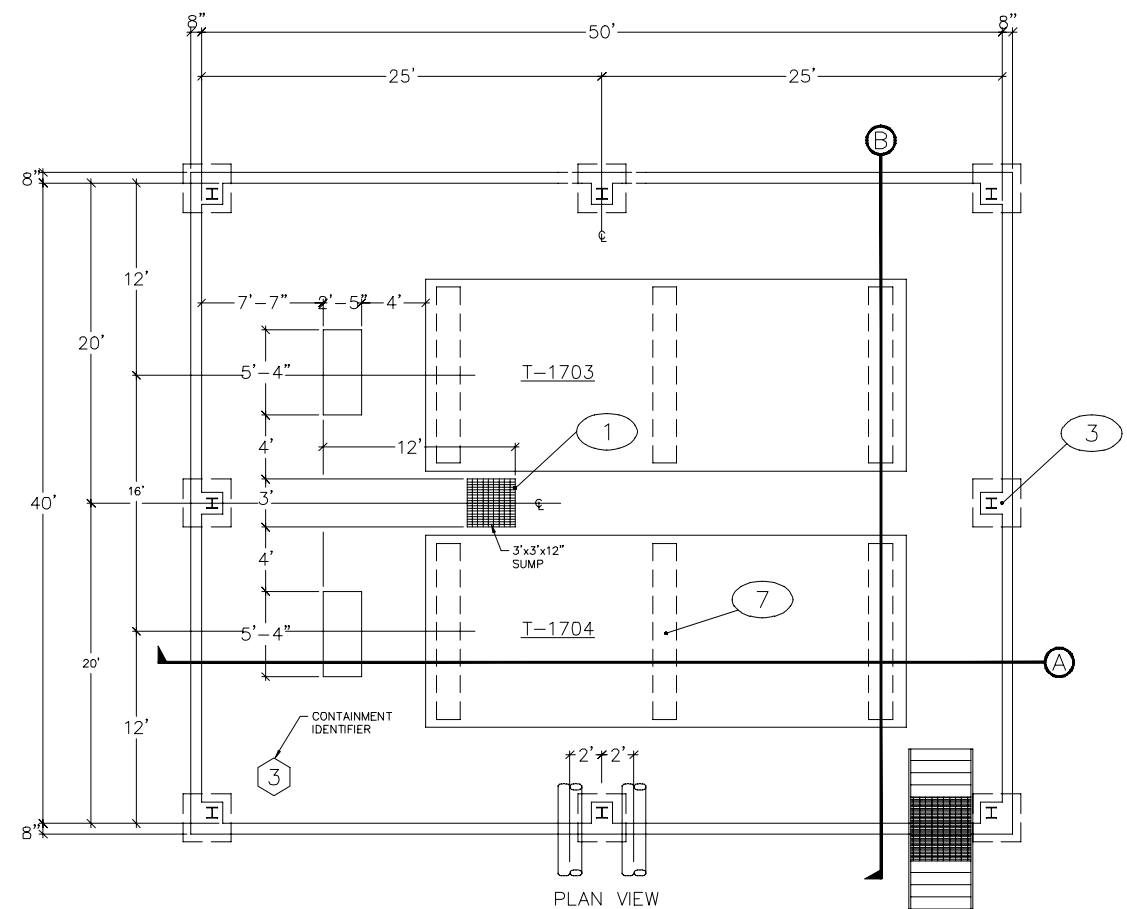
CREATED: 10/02/2020
 LAST SAVED: 12/12/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022



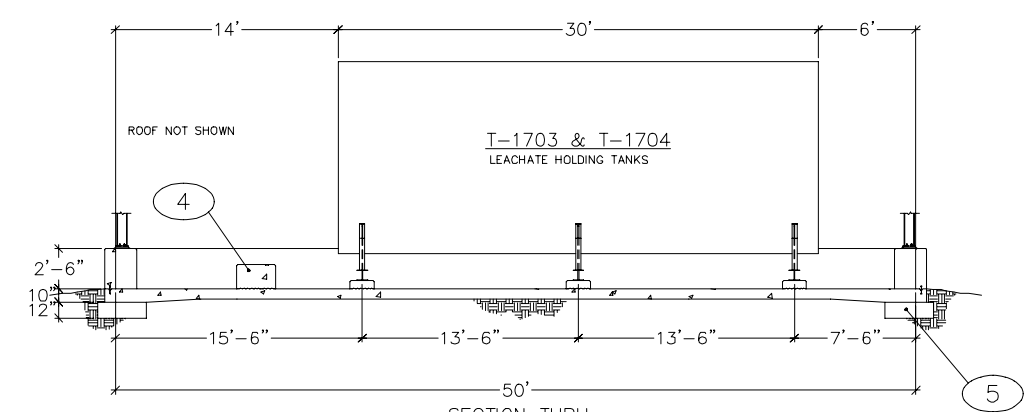
NO.	DESCRIPTION	DATE	REVISION DESCRIPTION
1.01	RCRA PART B PERMIT RENEWAL		

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

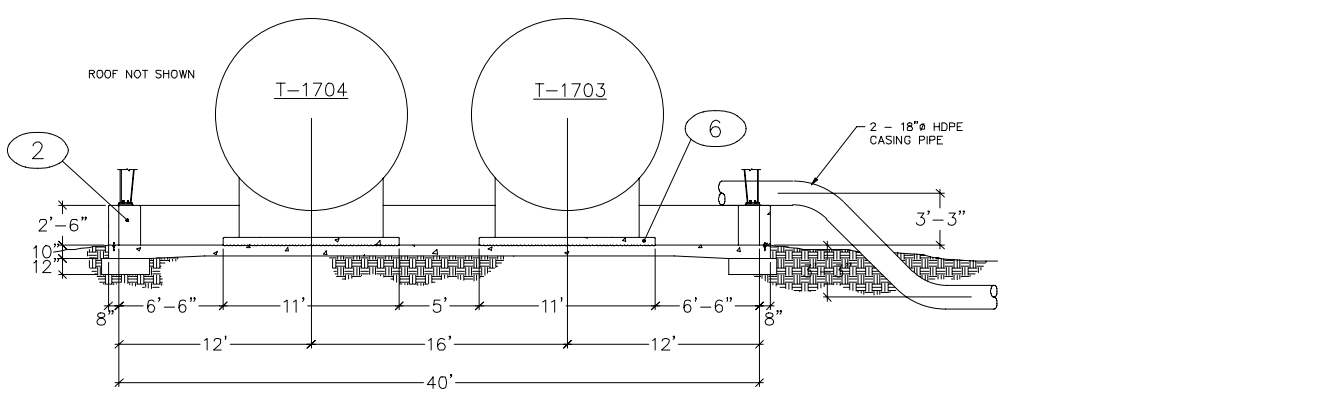
CREATED: 10/9/2020
 LAST SAVED: 3/22/2022
 BY: KARUNA
 PLOT DATE: 7/21/2022



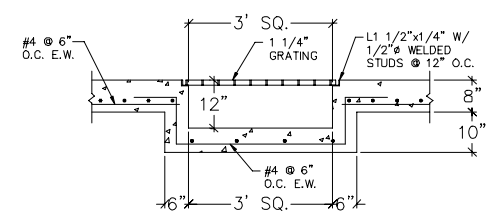
PLAN VIEW
 SCALE: 1/4" = 1'-0"



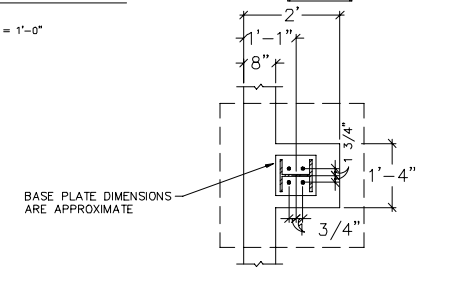
SECTION A THRU LEACHATE STORAGE UNIT
 SCALE: 1/4" = 1'-0"



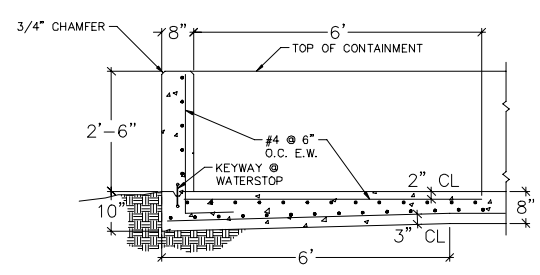
SECTION B THRU LEACHATE STORAGE UNIT
 SCALE: 1/4" = 1'-0"



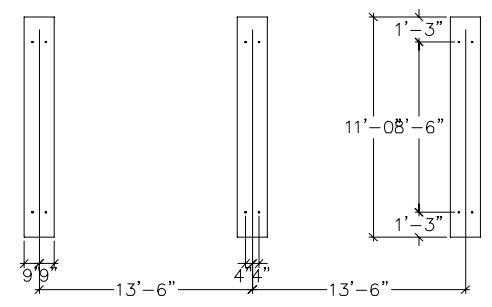
SECTION 1 THRU SUMP
 SCALE: 1" = 1'-0"



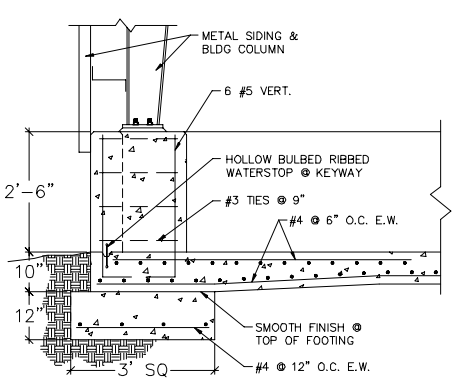
PLAN VIEW OF COLUMN PIER
 SCALE: 1" = 1'-0"



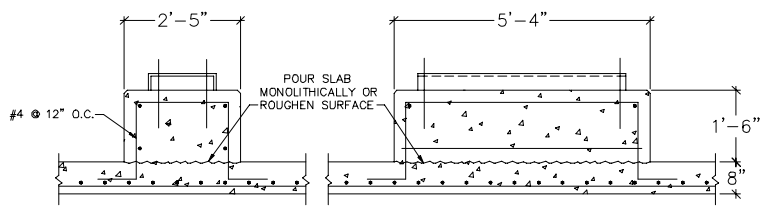
SECTION 5 THRU PERIMETER WALL
 SCALE: 1" = 1'-0"



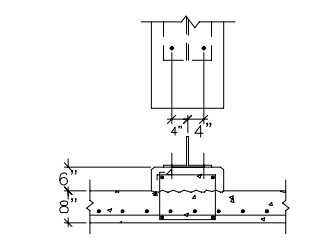
PLAN VIEW OF TANK PEDESTAL
 SCALE: 1" = 1'-0"



SECTION 2 THRU COLUMN PIER
 SCALE: 1" = 1'-0"



SECTION 4 THRU BASE PLATE
 SCALE: 1" = 1'-0"



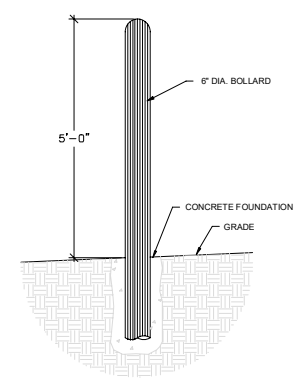
SECTION 6 THRU TANK PEDESTAL
 SCALE: 1" = 1'-0"

CREATED: 10/02/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

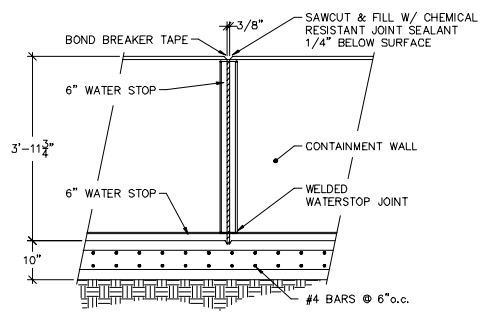


NO.	REVISION DESCRIPTION	DATE
001	RCRA PART B PERMIT REMOVAL	

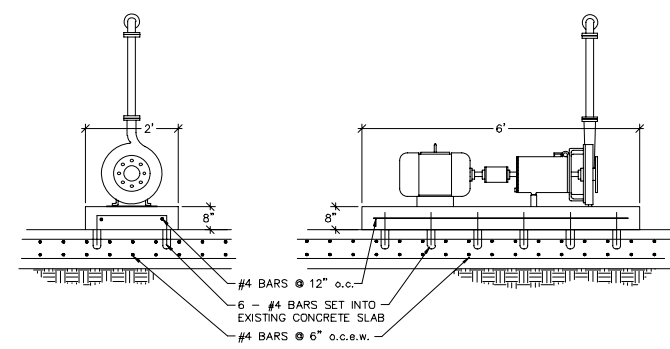
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 LEACHATE TANKS
 T-1703, T-1704, UNIT
 1700C-PLAN, SECTIONS &
 DETAILS
 SHEET 1700-020-004



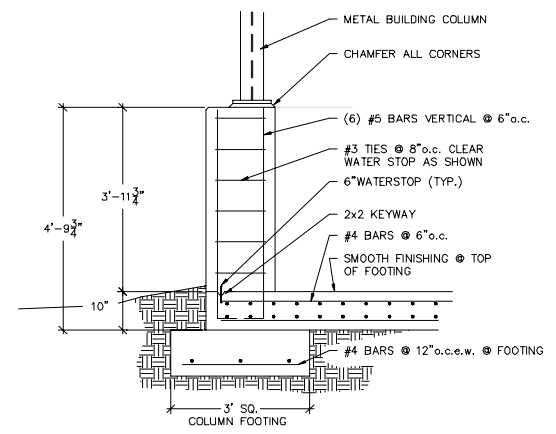
1 BOLLARD DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



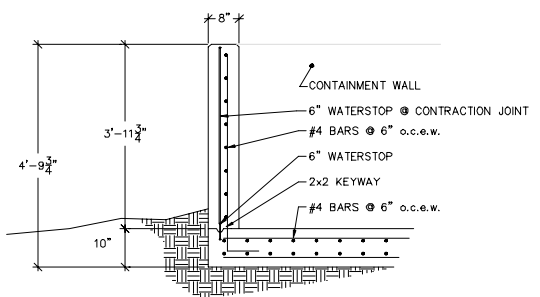
4 CONTRACTION JOINT DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



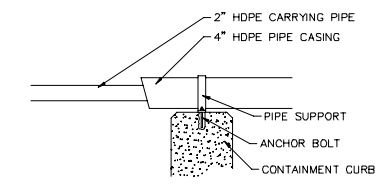
6 PUMP PAD DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



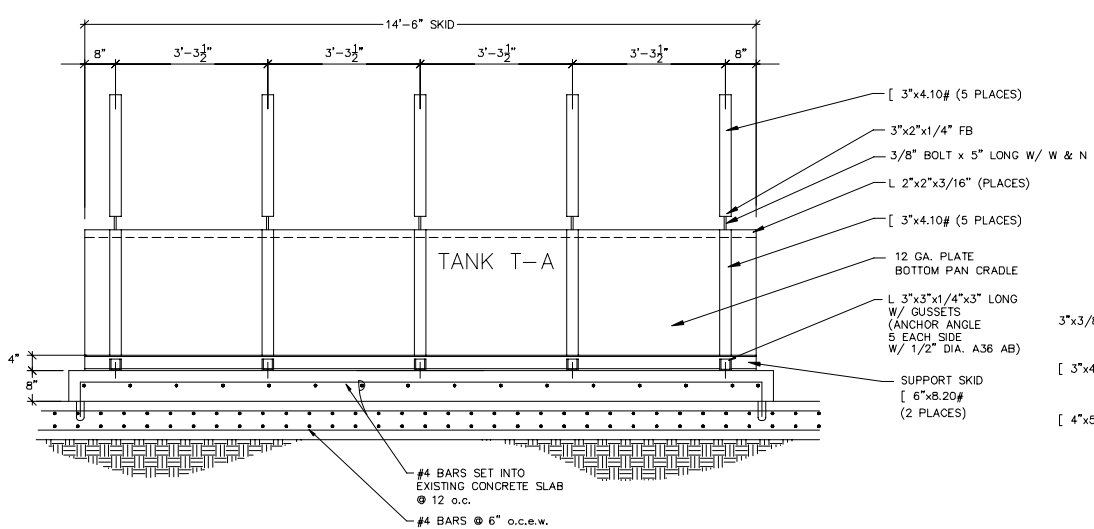
2 COLUMN DETAIL - SECTION
 REF. DWG. 1700-040-001
 SCALE: 3/4" = 1'-0"



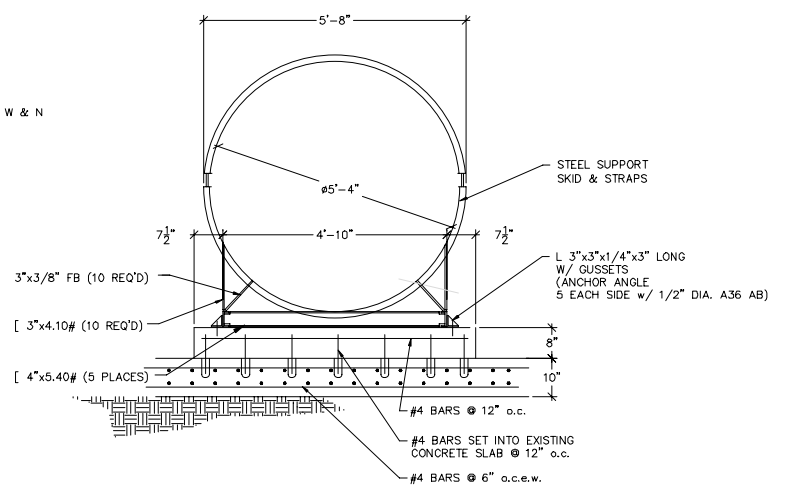
5 CONTAINMENT CURB DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



7 PIPE CASING SUPPORT
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



3 TANK SUPPORT DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"



5 CONTAINMENT CURB DETAIL
 REF. DWG. 1700-020-002
 SCALE: 3/4" = 1'-0"

CREATED: 10/9/2020
 LAST SAVED: 12/2/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022

NOTE:
 INFORMATION FOR THIS DRAWING ON EXISTING CONCRETE
 DRAWINGS 1700-040-001, CLOSURE OF TRENCH 19, LEACHATE
 TANK FARM TRENCH 19. DATED 11-17-88

REV	DATE	REVISION DESCRIPTION
0.01	0822	RCRA PART B PERMIT RENEWAL

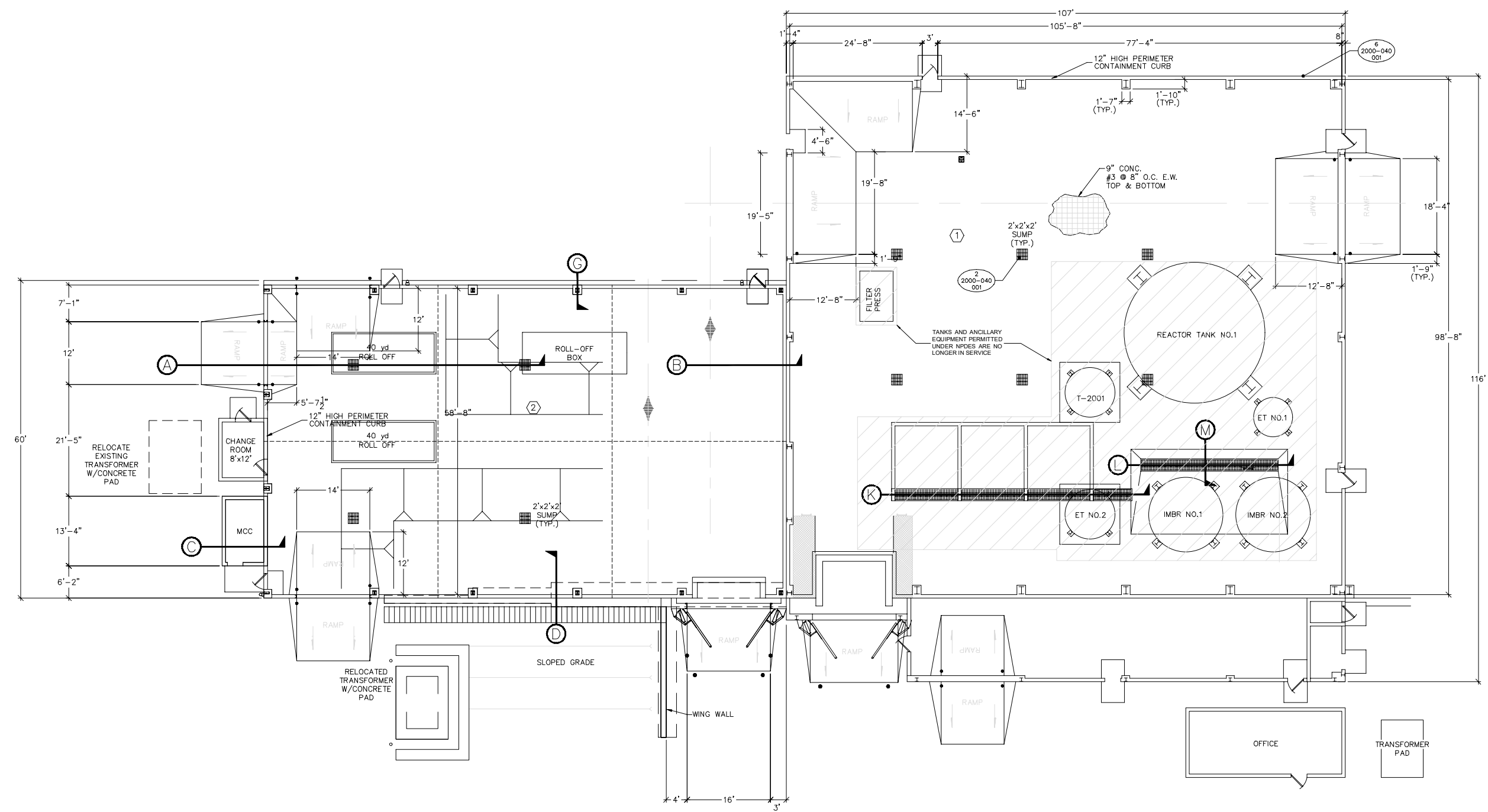
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE



RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUTHER COUNTY, AL

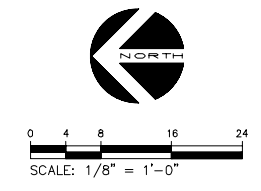
REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO.: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT
 SHEET TITLE
 CONTAINER MANAGEMENT UNIT 2000 - PLAN VIEW
 SHEET 2000-020-001



PLAN VIEW
 SCALE: 1/8" = 1'-0"

NOTE: TANKS AND OTHER EQUIPMENT ASSOCIATED WITH STABILIZATION SIZE REDUCTION ARE NO LONGER ACTIVE. BUILDING REMAINS AND IS USED FOR THE BIOLOGICAL TREATMENT SYSTEM.



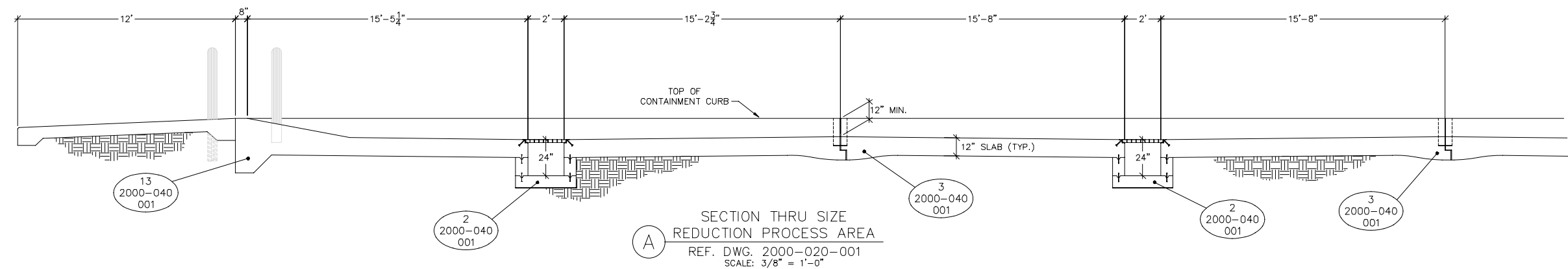
CREATED: 10/12/2020
 LAST SAVED: 12/23/2021
 BY: KARINA
 PLOT DATE: 7/21/2022



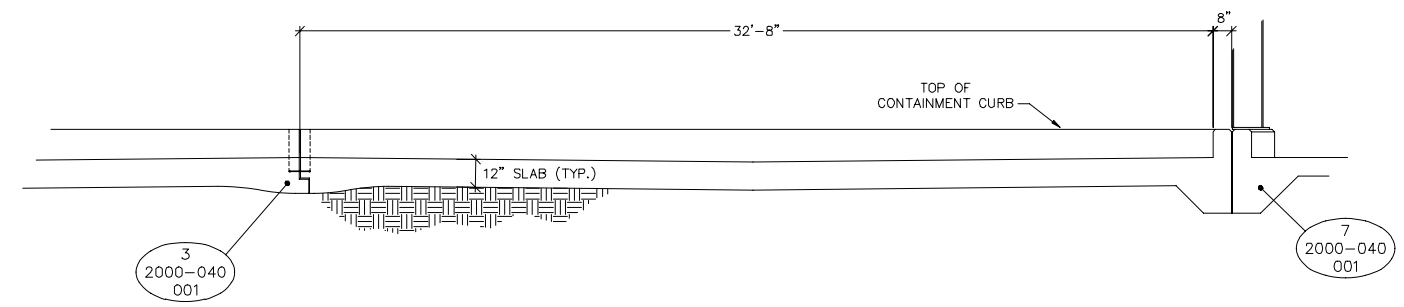
RCRA PART B PERMIT APPLICATION

CHEMICAL WASTE MANAGEMENT INC.
EMELLE, ALABAMA TREATMENT FACILITY

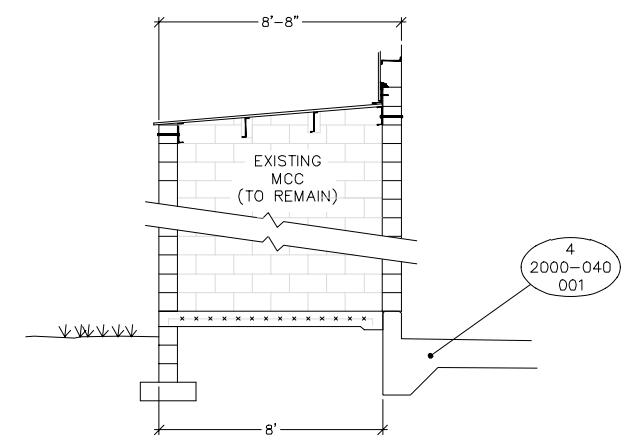
SWAYER COUNTY, AL



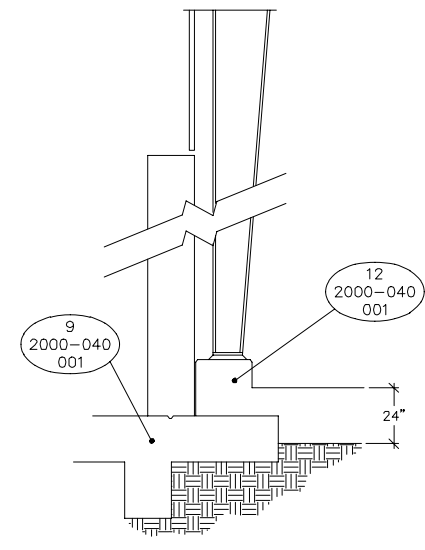
(A) SECTION THRU SIZE
REDUCTION PROCESS AREA
REF. DWG. 2000-020-001
SCALE: 3/8" = 1'-0"



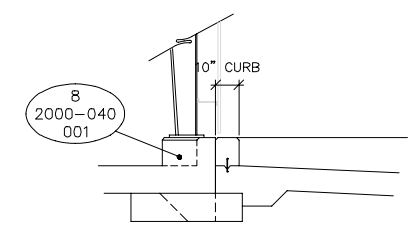
(B) SECTION THRU EXISTING
CURB UNIT 2000
REF. DWG. 2000-020-001
SCALE: 3/8" = 1'-0"



(C) SECTION
THRU EXISTING MCC
REF. DWG. 2000-020-001
SCALE: 3/8" = 1'-0"



(D) SECTION THRU EXISTING
RETAINING WALL
REF. DWG. 2000-040-001
SCALE: 3/8" = 1'-0"



(G) SECTION THRU EXISTING
PIER/NEW SLAB
REF. DWG. 2000-020-001
SCALE: 3/8" = 1'-0"

REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

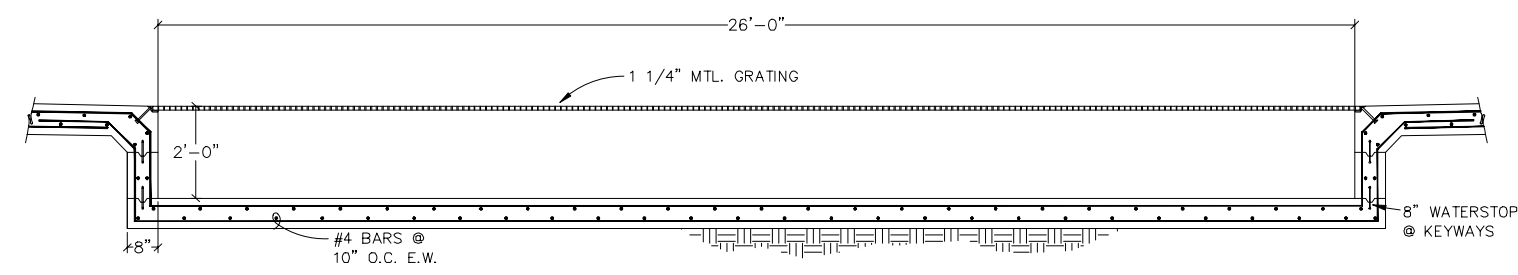
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT

SHEET TITLE
CONTAINER MANAGEMENT
UNIT 2000
(MACROENCAPSULATION) -
SECTIONS
SHEET 2000-030-002

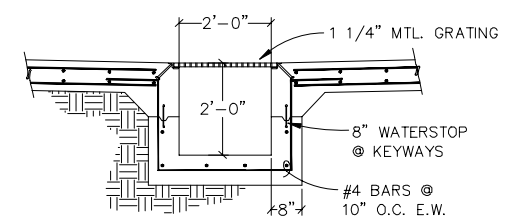
CREATED: 10/12/2020
LAST SAVED: 1/26/2021
BY: COSNERM
PLOT DATE: 7/21/2022



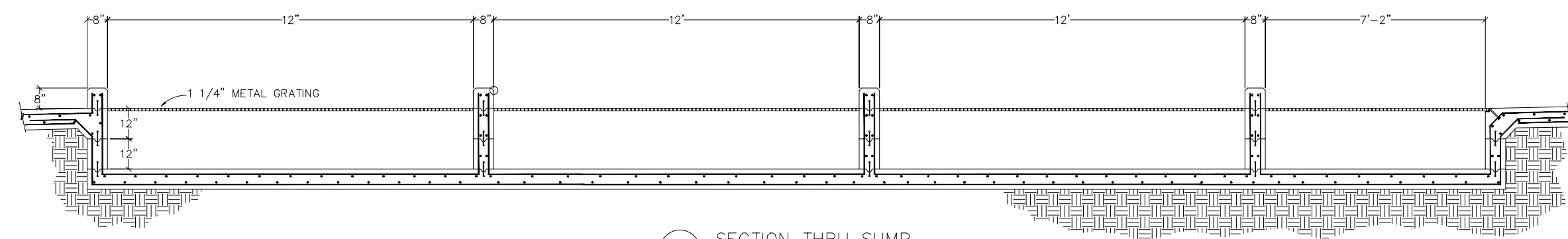
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUMNER COUNTY, AL



L SECTION THRU SUMP
 REF. DWG. 2000-020-001
 SCALE: 3/16" = 1'-0"



M SECTION THRU SUMP
 REF. DWG. 2000-020-001
 SCALE: 3/16" = 1'-0"



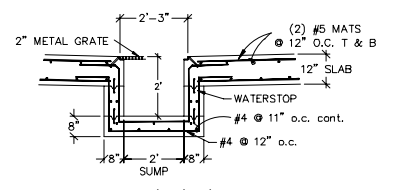
K SECTION THRU SUMP
 REF. DWG. 2000-020-001
 SCALE: 3/16" = 1'-0"

REV	DATE	REVISION DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

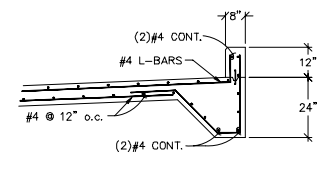
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CONTAINER MANAGEMENT
 UNIT 2000 - SECTIONS

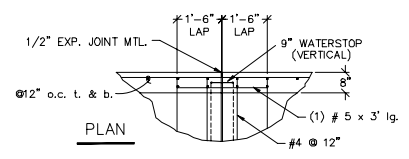
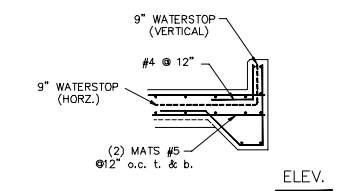
CREATED: 10/12/2020
 LAST SAVED: 3/4/2021
 BY: COSNIERM
 PLOT DATE: 7/21/2022



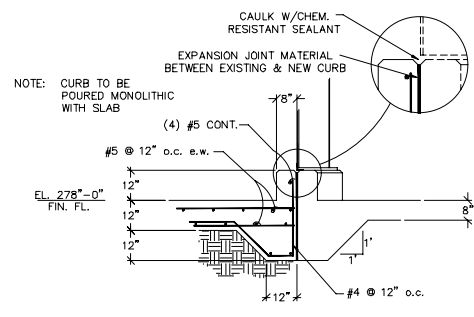
2'x2'x2'
 SUMP DETAIL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



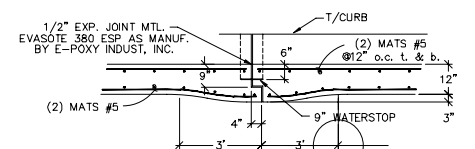
CURB DETAIL
 REF. DWG. 2000-020-001
 SCALE: 1/2" = 1'-0"



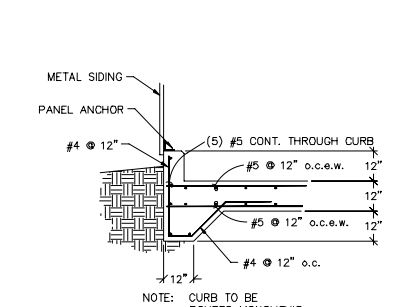
EXPANSION JOINT DETAIL
 @ 12" THICKENED SLAB
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



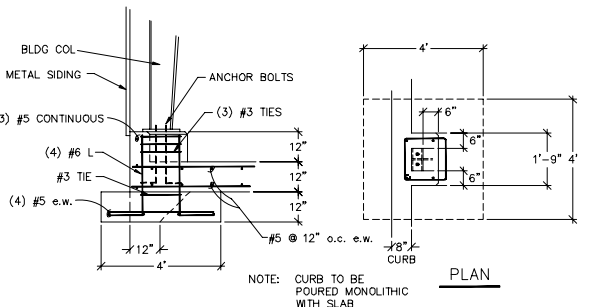
CURB DETAIL @ EXISTING
 BLDG. - UNIT 2000
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



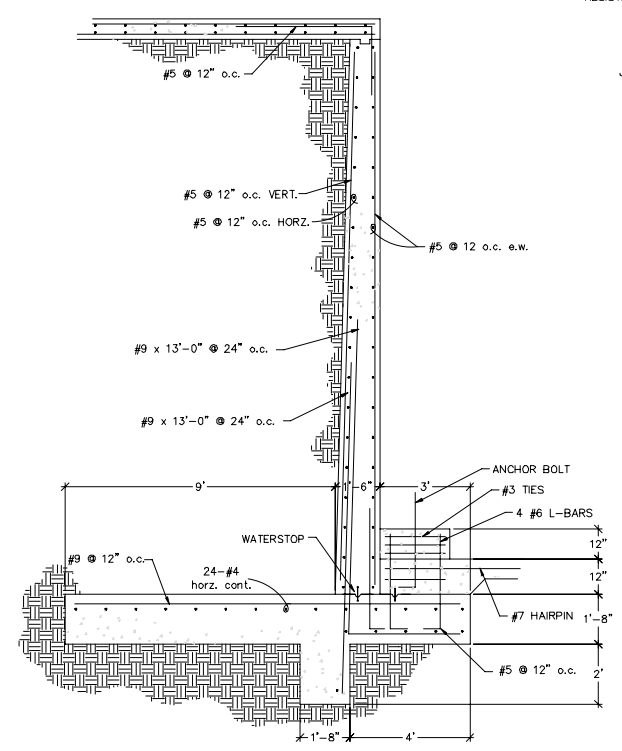
EXPANSION JOINT DETAIL
 @ 12" THICKENED SLAB
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



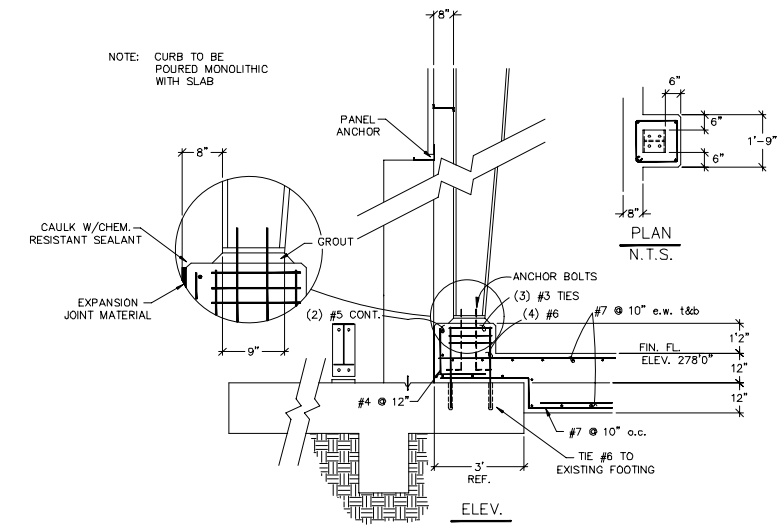
TURN DOWN CURB DETAIL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



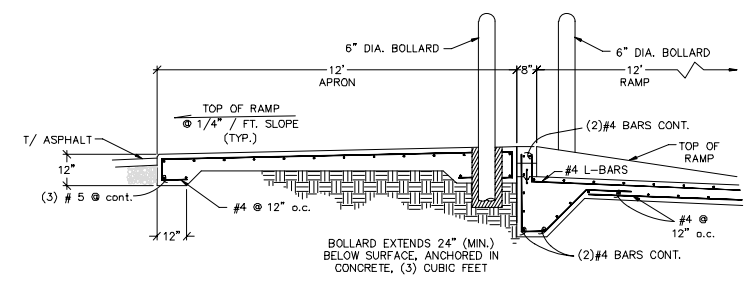
SLAB/PIER DETAIL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



RETAINING WALL DETAIL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"



SLAB & PIER DETAIL
 @ RETAINING WALL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"

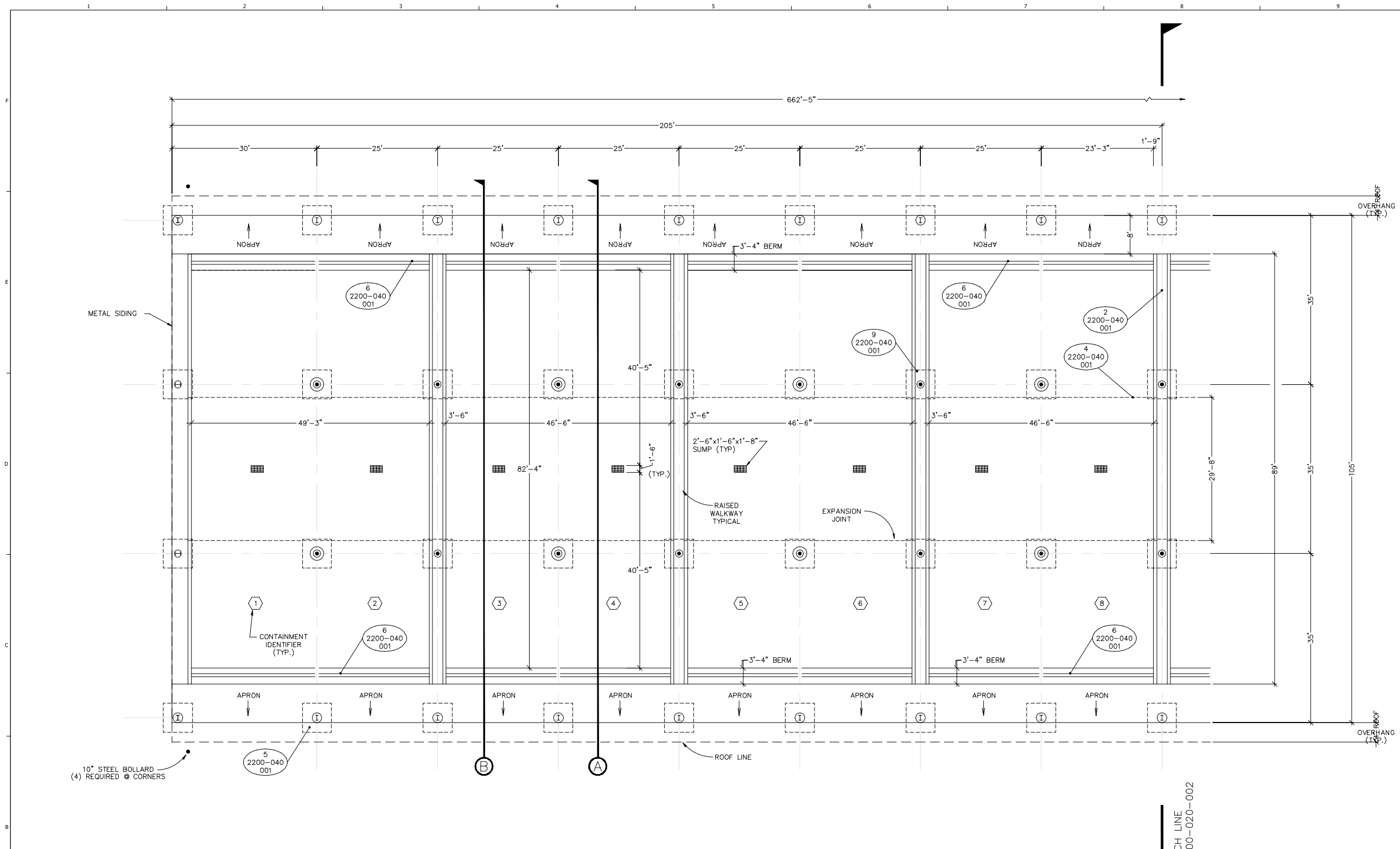


RAMP DETAIL
 REF. DWG. 2000-030-002
 SCALE: 1/2" = 1'-0"

REV	DATE	DESCRIPTION
0.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

CREATED: 10/12/2020
 LAST SAVED: 1/20/2021
 BY: COSNIERM
 PLOT DATE: 7/21/2022

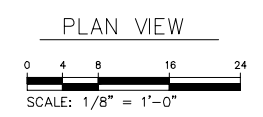


NOTES:

- CONTAINMENT AREAS 1 - 6 MANAGE SOLID AND LIQUID WASTE, WHILE CONTAINMENT AREAS 7 - 18 ONLY MANAGE NON-FREE LIQUID WASTE.
- MAXIMUM WASTE STORAGE VOLUMES AND SECONDARY CONTAINMENT CAPACITIES FOR EACH CONTAINMENT AREA ARE PROVIDED IN APPENDIX D-1-2 TABLES OF SECTION D-1 OF THIS PERMIT APPLICATION. UNIT 2200 IS DUALY PERMITTED (RCRA/TSCA) AND EACH CONTAINMENT AREA APPROPRIATELY ACCOUNTS FOR THE REQUIRED SECONDARY CONTAINMENT AND MAXIMUM WASTE CAPACITY ALLOWED.
- STORAGE SLOTS ARE SHOWN IN THE TABLE AS A GENERAL REPRESENTATION OF HOW WASTE IS MANAGED WITHIN UNIT 2200. THE FACILITY MAY CHOOSE TO MANAGE WASTE DIFFERENTLY WITHIN EACH CONTAINMENT AREA PROVIDED IT MEETS THE APPLICABLE REQUIREMENTS AND MANAGEMENT PRACTICES SPECIFIED IN SECTION D-1 OF THIS PERMIT APPLICATION.

CONTAINMENT AREA	WASTE MANAGED	STORAGE SLOTS
1	SOLID AND LIQUID WASTE	1A, 1B, 2A, 2B, 71, 72
2	SOLID AND LIQUID WASTE	3A, 3B, 4A, 4B, 69, 70
3	SOLID AND LIQUID WASTE	5A, 5B, 6A, 6B, 67, 68
4	SOLID AND LIQUID WASTE	7A, 7B, 8A, 8B, 65, 66
5	SOLID AND LIQUID WASTE	9A, 9B, 10A, 10B, 63, 64
6	SOLID AND LIQUID WASTE	11A, 11B, 12A, 12B, 61, 62
7	ONLY NON-FREE LIQUID WASTE	13A, 13B, 14A, 14B, 59, 60
8	ONLY NON-FREE LIQUID WASTE	15A, 15B, 16A, 16B, 57, 58

MATCH LINE
SHEET 2200-020-002



REV	DATE	REVISION DESCRIPTION
5.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE.
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

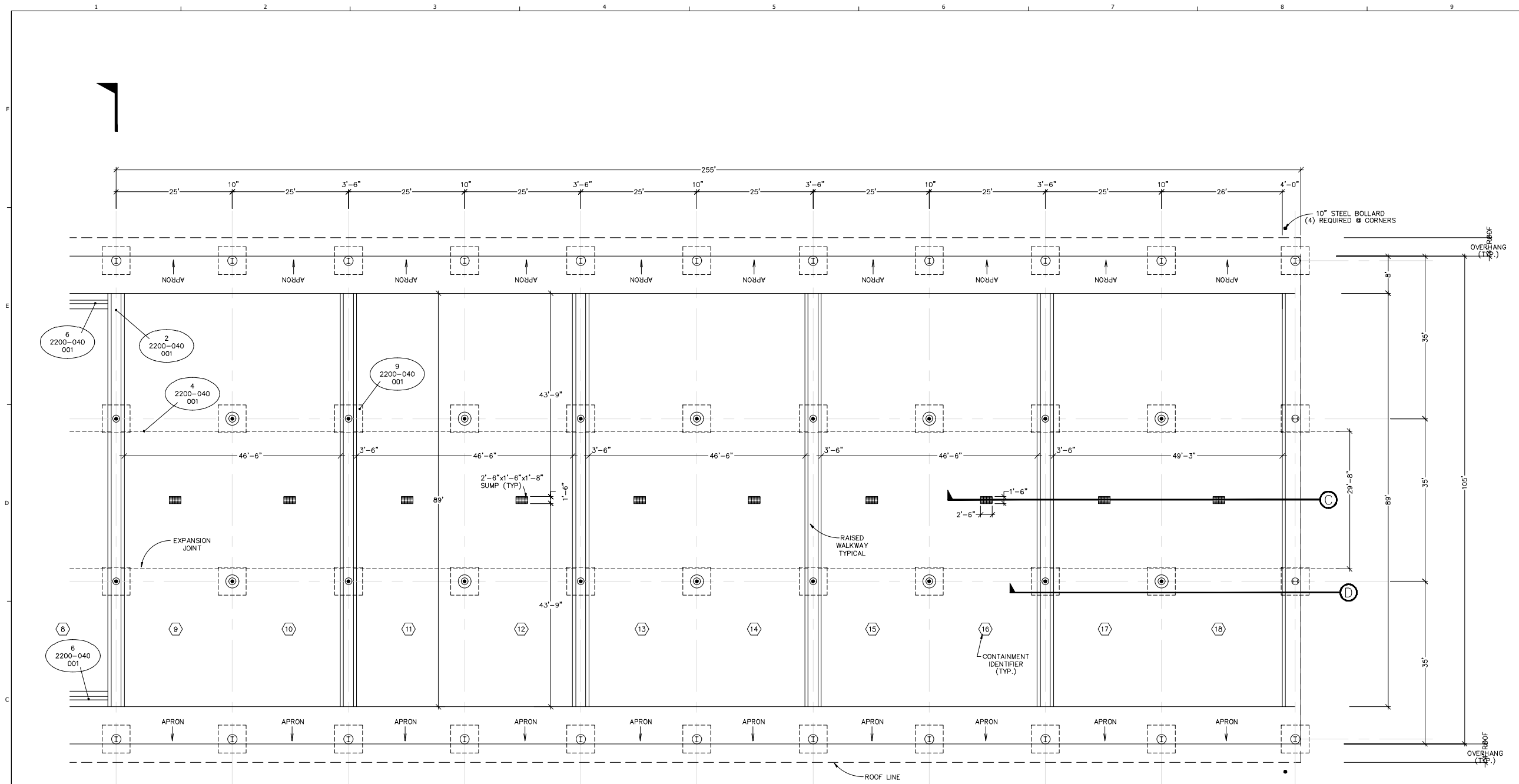
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT

SHEET TITLE

CONTAINER STORAGE UNIT
2200 - PLAN VIEW

SHEET 2200-020-001

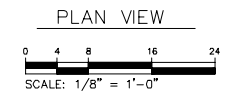
CREATED: 10/12/2020
 LAST SAVED: 9/20/2022
 BY: KARIARA
 PLOT DATE: 9/20/2022



MATCH LINE
SHEET 2200-020-001

- NOTES:**
1. CONTAINMENT AREAS 1 - 6 MANAGE SOLID AND LIQUID WASTE, WHILE CONTAINMENT AREAS 7 - 18 ONLY MANAGE NON-FREE LIQUID WASTE.
 2. MAXIMUM WASTE STORAGE VOLUMES AND SECONDARY CONTAINMENT CAPACITIES FOR EACH CONTAINMENT AREA ARE PROVIDED IN APPENDIX D-1-2 TABLES OF SECTION D-1 OF THIS PERMIT APPLICATION. UNIT 2200 IS DUALY PERMITTED (RCRA/TSCA) AND EACH CONTAINMENT AREA APPROPRIATELY ACCOUNTS FOR THE REQUIRED SECONDARY CONTAINMENT AND MAXIMUM WASTE CAPACITY ALLOWED.
 3. STORAGE SLOTS ARE SHOWN IN THE TABLE AS A GENERAL REPRESENTATION OF HOW WASTE IS MANAGED WITHIN UNIT 2200. THE FACILITY MAY CHOOSE TO MANAGE WASTE DIFFERENTLY WITHIN EACH CONTAINMENT AREA PROVIDED IT MEETS THE APPLICABLE REQUIREMENTS AND MANAGEMENT PRACTICES SPECIFIED IN SECTION D-1 OF THIS PERMIT APPLICATION.

CONTAINMENT AREA	WASTE MANAGED	STORAGE SLOTS
9	ONLY NON-FREE LIQUID WASTE	17A, 17B, 18A, 18B, 55, 56
10	ONLY NON-FREE LIQUID WASTE	19A, 19B, 20A, 20B, 53, 54
11	ONLY NON-FREE LIQUID WASTE	21A, 21B, 22A, 22B, 51, 52
12	ONLY NON-FREE LIQUID WASTE	23A, 23B, 24A, 24B, 49, 50
13	ONLY NON-FREE LIQUID WASTE	25A, 25B, 26A, 26B, 47, 48
14	ONLY NON-FREE LIQUID WASTE	27A, 27B, 28A, 28B, 45, 46
15	ONLY NON-FREE LIQUID WASTE	29A, 29B, 30A, 30B, 43, 44
16	ONLY NON-FREE LIQUID WASTE	31A, 31B, 32A, 32B, 41, 42
17	ONLY NON-FREE LIQUID WASTE	33A, 33B, 34A, 34B, 39, 40
18	ONLY NON-FREE LIQUID WASTE	35A, 35B, 36A, 36B, 37, 38



REV	DATE	REVISION DESCRIPTION
5.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE.
THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
DATE: AUGUST 2022
DISC. LEAD: MTF
DESIGNER: RAK
CHECKER: SBT

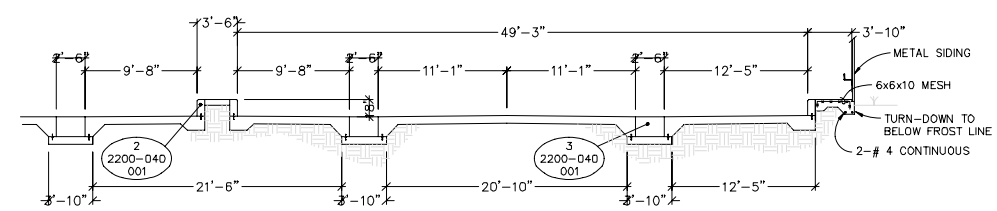
SHEET TITLE
CONTAINER STORAGE UNIT
2200 - PLAN VIEW

SHEET 2200-020-002

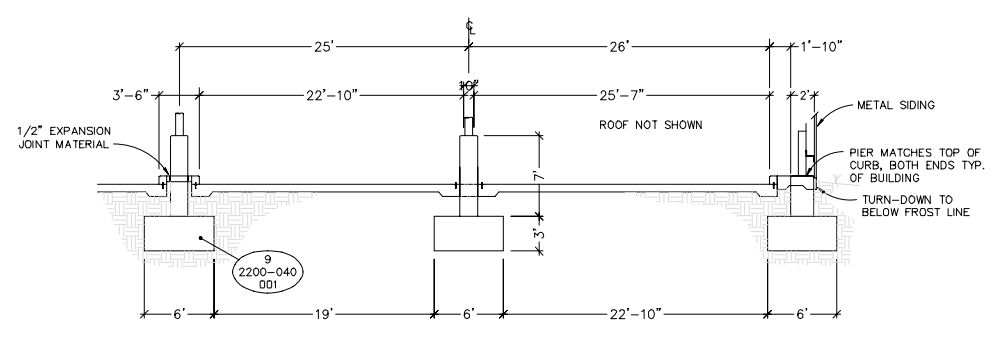
CREATED: 10/12/2020
LAST SAVED: 9/20/2022
BY: KARIARA
PLOT DATE: 9/20/2022



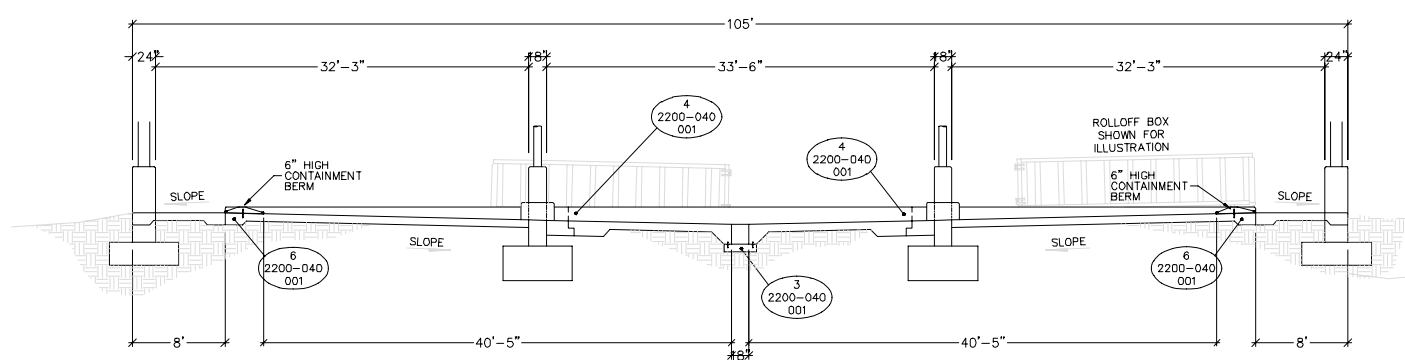
RCRA PART B PERMIT APPLICATION
 CHEMICAL WASTE MANAGEMENT INC.
 EMELE, ALABAMA TREATMENT FACILITY
 SUTHER COUNTY, AL



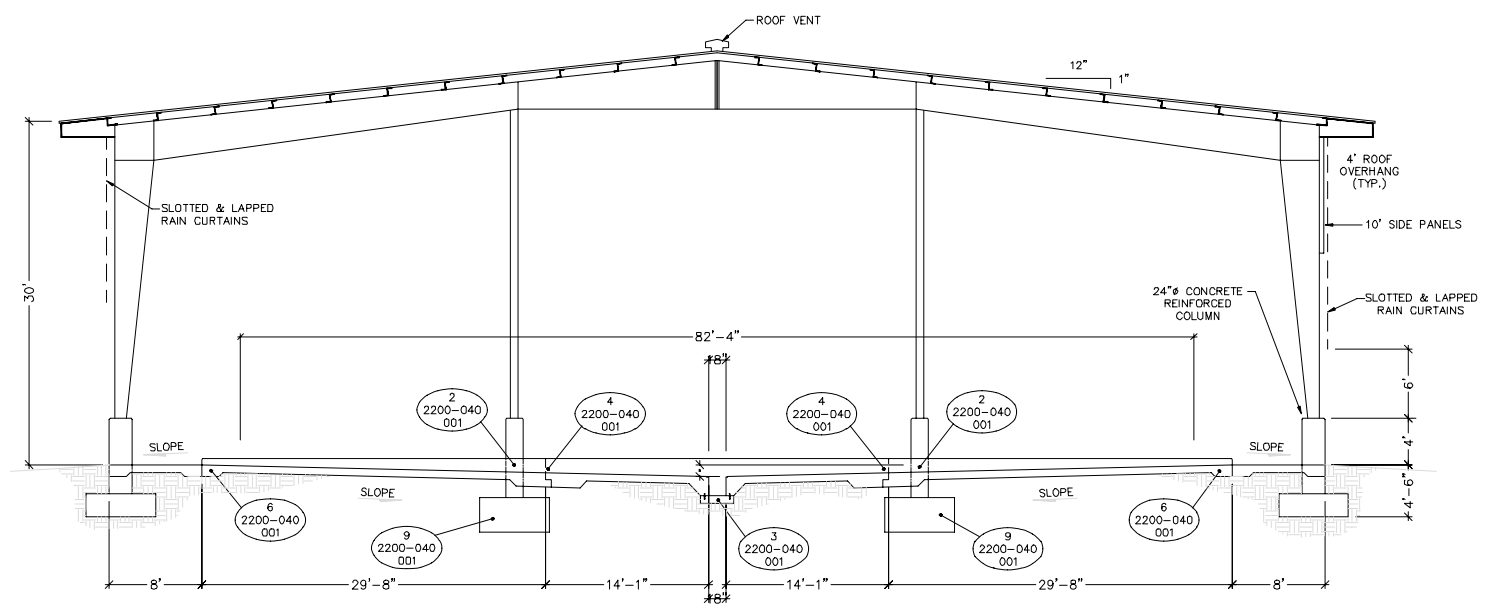
C SECTION THRU CONTAINER STORAGE AREA
 REF. DWG. 2200-020-002
 SCALE: 3/16" = 1'-0"



D SECTION THRU CONTAINER STORAGE AREA
 REF. DWG. 2200-020-002
 SCALE: 3/16" = 1'-0"



A SECTION THRU CONTAINER STORAGE AREA
 REF. DWG. 2200-020-001
 SCALE: 3/16" = 1'-0"



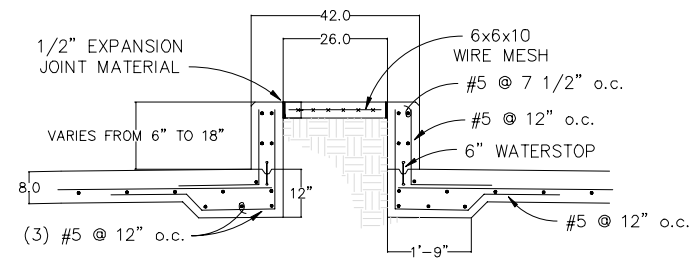
B SECTION THRU CONTAINER STORAGE AREA
 REF. DWG. 2200-020-001
 SCALE: 3/16" = 1'-0"

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

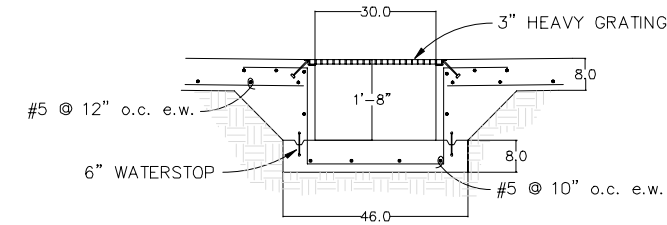
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: D3279702
 DATE: AUGUST 2022
 DISC. LEAD: MTF
 DESIGNER: RAK
 CHECKER: SBT

SHEET TITLE
 CONTAINER STORAGE UNIT
 2200 - SECTIONS

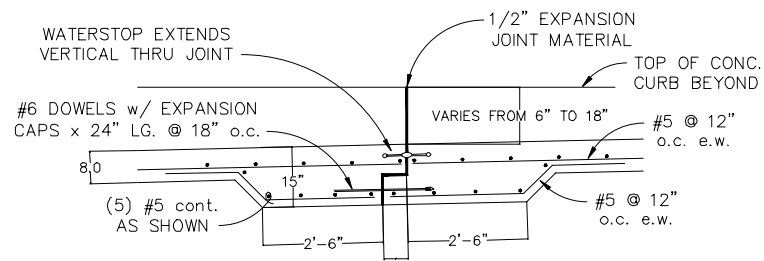
CREATED: 10/12/2020
 LAST SAVED: 3/1/2022
 BY: KARIMA
 PLOT DATE: 7/21/2022



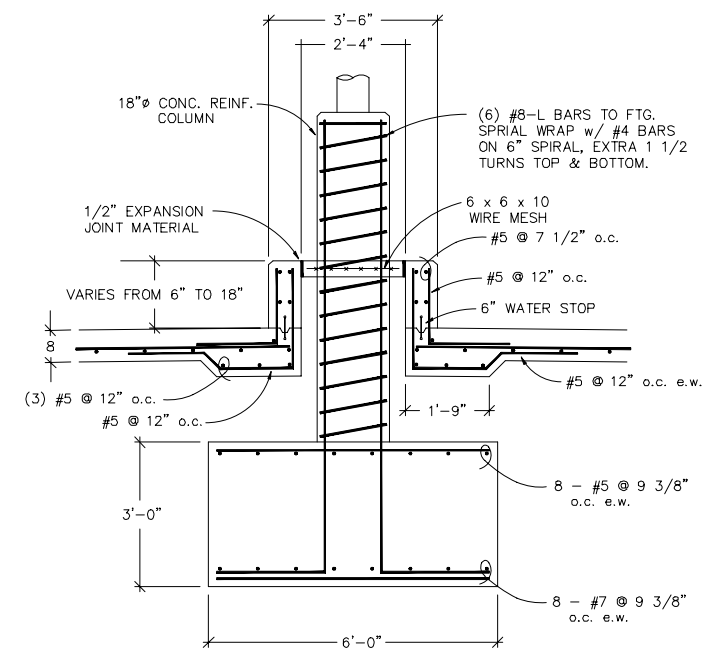
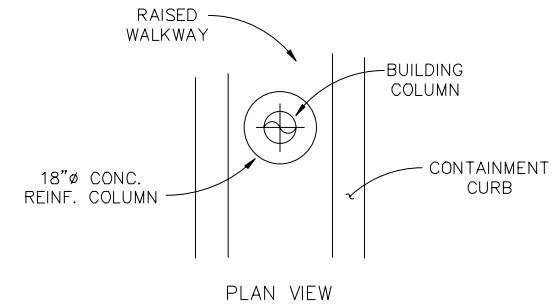
2 RAISED WALKWAY DETAIL
REF. DWG. 2200-030-001
SCALE: 1/2" = 1'-0"



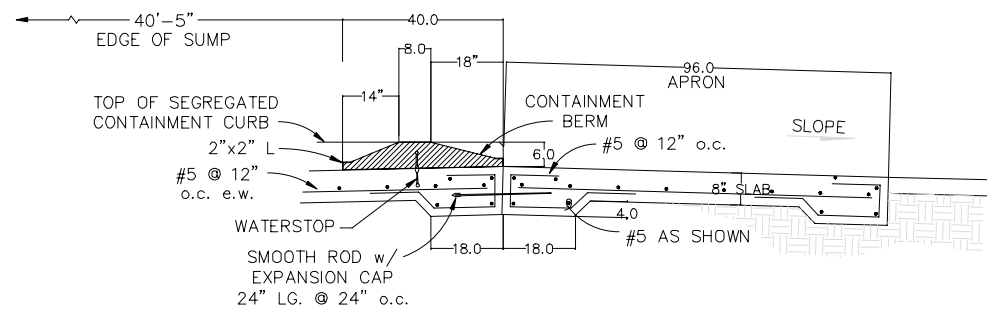
3 TYPICAL SUMP DETAIL
REF. DWG. 2200-030-001
SCALE: 1/2" = 1'-0"



4 EXPANSION JOINT DETAIL
REF. DWG. 2200-020-001
SCALE: 1/2" = 1'-0"



9 PIER @ RAISED WALKWAY DETAIL
REF. DWG. 2200-030-001
SCALE: 1/2" = 1'-0"



6 APRON & CONTAINMENT BERM DETAIL
REF. DWG. 2200-030-001
SCALE: 1/2" = 1'-0"

NO.	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

DATE:	AUGUST 2022
DISC. LEAD:	MTF
DESIGNER:	RAK
CHECKER:	SBT

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONSTRUCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: D3279702
SHEET TITLE

CREATED: 10/10/2020
 LAST SAVED: 12/02/2020
 BY: COSNERM
 PLOT DATE: 7/21/2022