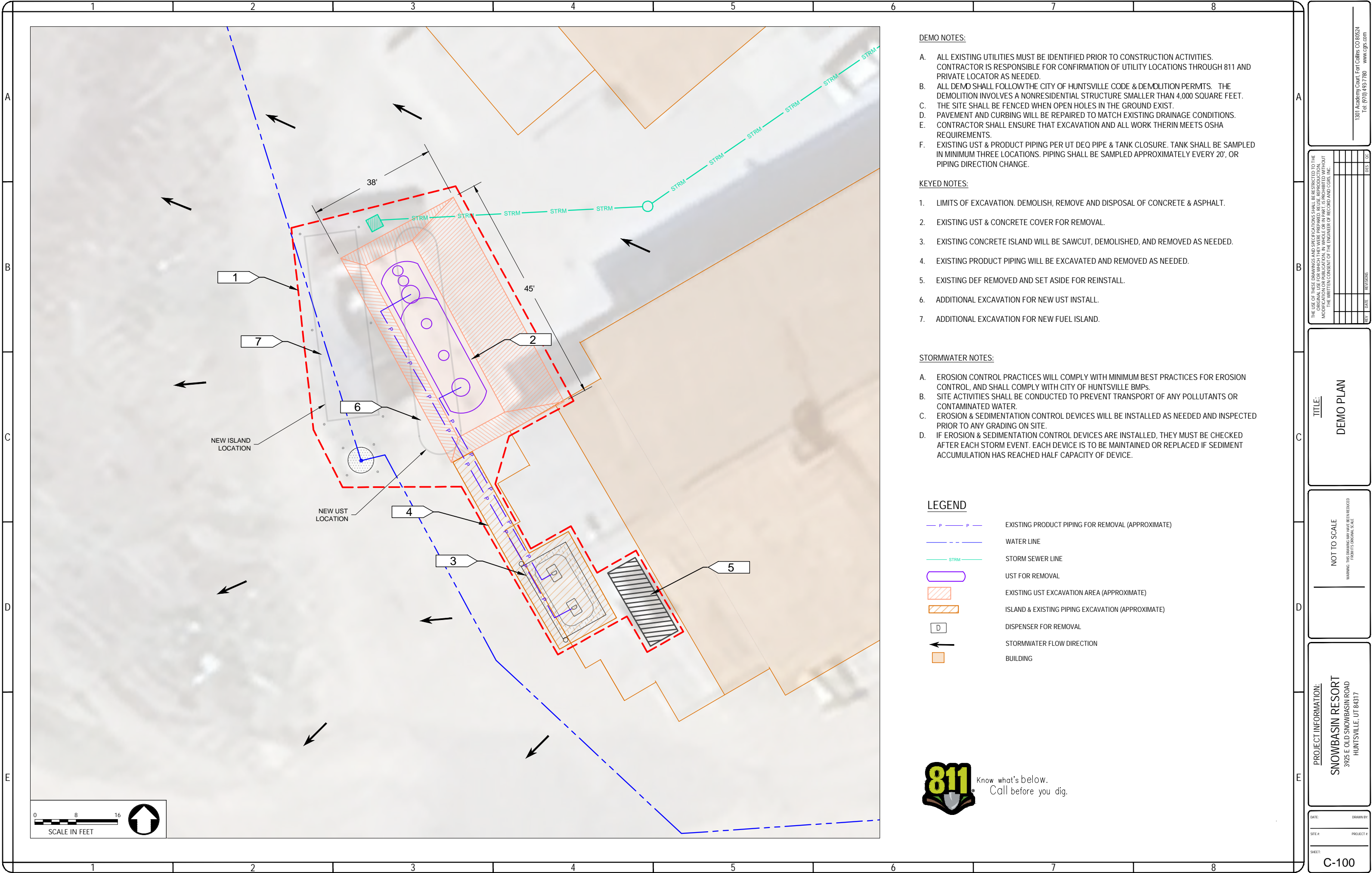


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A	1.0	UST, PIPING, ANCILLARY EQUIPMENT DEMOLISH & INSTALLATION			6.0	PIPING NOTES			A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	1.1	FOLLOW REQUIREMENTS FROM UT DEQ. THIRTY DAYS PRIOR TO CONSTRUCTION OBTAIN A PERMIT THROUGH A DERR CONSTRUCTION NOTIFICATION FORM & NOTIFICATIONS.			6.1	ALL MATERIAL WORKMANSHIP & INSTALLATION PRACTICES SHALL BE IN ACCORDANCE WITH NFPA 30 & 30A.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.2	ONLY CERTIFIED UST INSTALLERS, MEETING THE MINIMUM REQUIREMENTS BE USED FOR INSTALLATIONS. WORKERS MUST BE UNDER THE DIRECT SUPERVISION OF AN INDIVIDUAL PHYSICALLY PRESENT AT THE WORK SITE WHO MEETS THE FOLLOWING REQUIREMENTS:			6.2	FRP PIPING MINIMUM SEPARATION OF 4" BETWEEN PIPE, 6" MINIMUM FROM EDGE OF EXCAVATION.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		A. THE INDIVIDUAL HAS BEEN ADEQUATELY TRAINED AS EVIDENCED BY A CURRENT CERTIFICATE OF TRAINING ISSUED BY THE MANUFACTURER(S) OF THE UNDERGROUND STORAGE TANK SYSTEM COMPONENTS.			6.3	PIPING SHALL BE LAID & CONTINUOUSLY SUPPORTED ON A MINIMUM OF 6" COMPACTED PEA GRAVEL BEDDING. MINIMUM 7" COVER BETWEEN SLAB BOTTOM AND TOP OF FRP PIPE/FITTINGS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		B. THE INDIVIDUAL SHALL POSSESS A CURRENT UNDERGROUND STORAGE TANK SYSTEM INSTALLATION/RETROFITTING CERTIFICATE FROM THE INTERNATIONAL CODE COUNCIL (ICC).			6.4	ALL VENT, VAPOR, PRODUCT PRIMARY AND SECONDARY PIPING SHALL BE FRP SMITH FIBERGLASS "RED THREAD II-A" NOV.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		C. THE INDIVIDUAL SHALL BE LICENSED WITH THE UT DEQ AS AN ONSITE SUPERVISOR.			6.5	ALL NPT THREADED CONNECTIONS SHALL BE TREATED WITH "SEAL PIPE".																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.3	GENERAL CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR PROPER HANDLING AND INSTALLATION OF PIPING SYSTEM. GENERAL CONTRACTOR SHALL ENSURE GOOD WORKMANSHIP.			6.6	INSTALLATION CONTRACTOR SHALL BE CERTIFIED BY PIPE MANUFACTURER OR ICC FOR INSTALLATION.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.4	ALL FRP PIPE INSTALLATION, FITTINGS AND COMPONENTS SHALL BE DOUBLE WALLED AND FUEL COMPATIBLE, MEETING THE MOST RECENT VERSION OF UL-971 NON-METALLIC PIPING FOR UNDERGROUND FLAMMABLE LIQUIDS. MANUFACTURE MUST BE ON OR AFTER JULY 1, 2005.			6.7	VENT, VAPOR, AND PRODUCT LINES SHALL BE SLOPED BACK TO THE USTS 1/8" PER FOOT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.5	METAL RIDGED AND FLEX PIPE CONNECTORS SHALL BE COMPLETELY CONTAINED AND NOT IN CONTACT WITH SOIL OR GROUNDWATER.			7.0	LINE TESTING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.6	THE UNDERGROUND STORAGE TANK SYSTEM(S) SHALL BE COMPATIBLE WITH THE PRODUCT TO BE STORED.			7.1	PRODUCT LINE TESTING SHALL BE PERFORMED PER SECTION 1.0 FROM STP TO DISPENSER SHEAR VALVE USING IOTA.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
B	1.7	THE TANK CONSTRUCTION/TESTING SHALL BE IN ACCORDANCE WITH UL-1316.			7.2	VENT AND VAPOR SYSTEM TESTED TOP OF VENT TO TANK.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.8	ALL CONTINUOUS MONITORING EQUIPMENT SHALL FOLLOW UT DEQ FOR TANK STANDARDS.			7.3	TEST PRIMARY LINES TO 60 PSI FOR 1-HOUR & SOAP TEST SURFACE, FITTINGS, & JOINTS. HOLD FOR 30-MIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.9	ALL MATERIALS TO BE USED (PIPING, SEALANT, ADHESIVE, RESINS, ETC.) SHALL BE COMPATIBLE AND USE NATIONALLY RECOGNIZED CODES.			7.4	PRESSURE TEST SECONDARY LINES TO 10 PSI FOR 1-HOUR & SOAP TEST SURFACE, JOINTS AND FITTINGS FOR 30-MIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.10	ALL MATERIALS SHALL BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.			8.0	ELECTRICAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.11	ALL SENSORS WILL BE PROPERLY MOUNTED AT THE LOW POINT IN THE SUMPS AND SECURED.			8.1	ELECTRICAL DISCONNECT OF THE EXISTING TANK AND DISPENSERS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.12	THE CONTRACTOR SHALL ENSURE THAT ALL FILLS ARE PROPERLY LABELED.			8.2	PROVIDE AND INSTALL NEW CONDUIT AND WIRE TO THE NEW UST FOR POWER TO TWO 2-HP SINGLE PHASE STPs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.13	THE CONTRACTOR SHALL ENSURE THAT THE EMERGENCY SHUT-OFF SWITCH IS OPERATIONAL AND INSTALLED.			8.3	PROVIDE AND INSTALL NEW CONDUIT AND WIRE TO THE NEW UST FOR VEEDER-ROOT ATG. THERE WILL BE WIRE FOR ONE INTERSTITIAL SENSOR, TWO TANK PROBES, AND TWO STP SUMP SENSORS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.14	THE CONTRACTOR SHALL ENSURE THAT ON-LINE LEAK DETECTORS ARE INSTALLED ON TURBINES AND ARE OPERATIONAL. ALL LEAK DETECTORS SHALL BE PROPERLY TESTED IN LINE BY IOTA.			8.4	PROVIDE AND INSTALL CONDUIT AND WIRE TO TWO DISPENSERS, ONE POWER AND ONE UDC SENSOR CONDUIT EACH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.15	BEFORE THE UNDERGROUND STORAGE TANK IS PLACED IN USE, THE UST SHALL BE TESTED PER UT DEQ.			8.5	PROVIDE AND INSTALL CONDUIT AND WIRE TO CONNECT THE DISPENSERS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.16	ELECTRONIC MONITOR SECURED/ACCESSIBLE TO OPERATOR AND OPERATIONAL: ENSURE THE MONITORING PANEL IS HARDWIRED THROUGH CONDUIT TO THE JUNCTION/BREAKER BOX. ENSURE SENSOR ALARMS ARE ABLE TO BE DETECTED BY THE OPERATOR. THE MONITORING PANEL SHALL BE FULLY OPERATIONAL AS PER MANUFACTURER'S SPECIFICATIONS, WITH AUDIBLE AND VISUAL ALARMS, AND A PRINTER, IF REQUIRED.			8.6	PROVIDE AND INSTALL CONDUIT AND WIRE FOR ONE CARD READER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
C	1.18	ALL MONITORING EQUIPMENT COMPONENTS HAVE TAG/STICKER AFFIXED BY LICENSED TECHNICIAN: ENSURE THE CERTIFIED TECHNICIAN HAS AFFIXED PROPER TAGS AND/ OR STICKERS ON ALL MONITORING EQUIPMENT COMPONENTS, INCLUDING THE PANEL AND EACH SENSOR. WORK SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS, CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ALL AGENCY INSPECTIONS.			8.7	PROVIDE AND INSTALL CONDUIT AND WIRE TO POWER ONE DEF TANK/DISPENSER UNITS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1.19	APPLY FOR AN UNDERGROUND STORAGE TANK CERTIFICATE OF COMPLIANCE WITH UT DEQ.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	2.1	SETTLEMENT MAY CAUSE TANK DISTORTION AND SUBSEQUENT SYSTEM FAILURE. EXCAVATION AND BACKFILL MATERIAL SPECIFICATIONS MUST BE FOLLOWED. IF ANY MOVEMENT OR SETTLEMENT OR DISTORTION OCCURS, IT WILL BE PRESUMED THAT THE CONTRACTOR HAS NOT FOLLOWED PROPER INSTALLATION TECHNIQUES. THE CONTRACTOR SHALL IMMEDIATELY UNDERTAKE AT THEIR EXPENSE ANY NECESSARY CORRECTIVE ACTIONS REQUIRED TO MITIGATE THE PROBLEM AND REPLACE DAMAGED PARTS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	3.0	BACKFILL MATERIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	3.1	BEDDING AND BACKFILL MATERIAL SHALL BE WELL WASHED MEETING ASTM D-448, ASTM C-33, AND AASHTO M-43. CONTRACTOR SHALL PROVIDE SIEVE ANALYSIS ACCEPTABLE TO CONSTRUCTION MANAGER. PEA GRAVEL WITH PARTICLES NOT LESS THAN 1/8" OR MORE THAN 3/4" DIAMETER WITH NO MORE THAN 5% PASSING A NO. 8 SIEVE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	3.2	PLACE 12" BEDDING MATERIAL SMOOTH AND LEVEL OVER EXCAVATION FLOOR. TANK MUST BE SET LEVEL. PLACE 12" BACKFILL MATERIAL EVENLY AROUND TANK. ENSURE BACKFILL IS PLACED AROUND RIBS. NO VOIDS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	3.3	HIGH WATER TABLE CONDITIONS. IN HIGH GROUNDWATER CONDITIONS FOLLOW MANUFACTURER'S INSTRUCTIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	4.1	3" BINDER WITH AN AGGREGATE BASE 4 TO 6 INCHES (DEPENDING ON SUBGRADE) BELOW IT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	5.1	CONTRACTOR SHALL SECURE, ARRANGE FOR AND PAY FOR ALL NECESSARY PERMITS, INSPECTIONS, AND TESTING, UNLESS SPECIFIED DIFFERENTLY IN THE SCOPE OF WORK.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	5.2	ALL INSTALLATIONS SHALL INCLUDE STAGE 1 VAPOR RECOVERY.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	5.3	ALL PRODUCT AND VENT LINES SHALL BE FIBERGLASS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	5.4	INSTALL 2A:10B:C FIRE EXTINGUISHER WITHIN 25' TO 70' OF DISPENSERS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1301 Academy Court, Fort Collins, CO 80524 Tel: (970) 493-7780 www.cgs.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
THE USE OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. NO REUSE, REPRODUCTION, OR PUBLICATION IN WHOLE OR IN PART IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD AND CGS, INC.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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- DEMO NOTES:**
- A. ALL EXISTING UTILITIES MUST BE IDENTIFIED PRIOR TO CONSTRUCTION ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF UTILITY LOCATIONS THROUGH 811 AND PRIVATE LOCATOR AS NEEDED.
 - B. ALL DEMO SHALL FOLLOW THE CITY OF HUNTSVILLE CODE & DEMOLITION PERMITS. THE DEMOLITION INVOLVES A NONRESIDENTIAL STRUCTURE SMALLER THAN 4,000 SQUARE FEET.
 - C. THE SITE SHALL BE FENCED WHEN OPEN HOLES IN THE GROUND EXIST.
 - D. PAVEMENT AND CURBING WILL BE REPAIRED TO MATCH EXISTING DRAINAGE CONDITIONS.
 - E. CONTRACTOR SHALL ENSURE THAT EXCAVATION AND ALL WORK THEREIN MEETS OSHA REQUIREMENTS.
 - F. EXISTING UST & PRODUCT PIPING PER UT DEQ PIPE & TANK CLOSURE. TANK SHALL BE SAMPLED IN MINIMUM THREE LOCATIONS. PIPING SHALL BE SAMPLED APPROXIMATELY EVERY 20', OR PIPING DIRECTION CHANGE.

- KEYED NOTES:**
- 1. LIMITS OF EXCAVATION. DEMOLISH, REMOVE AND DISPOSAL OF CONCRETE & ASPHALT.
 - 2. EXISTING UST & CONCRETE COVER FOR REMOVAL.
 - 3. EXISTING CONCRETE ISLAND WILL BE SAWCUT, DEMOLISHED, AND REMOVED AS NEEDED.
 - 4. EXISTING PRODUCT PIPING WILL BE EXCAVATED AND REMOVED AS NEEDED.
 - 5. EXISTING DEF REMOVED AND SET ASIDE FOR REINSTALL.
 - 6. ADDITIONAL EXCAVATION FOR NEW UST INSTALL.
 - 7. ADDITIONAL EXCAVATION FOR NEW FUEL ISLAND.

- STORMWATER NOTES:**
- A. EROSION CONTROL PRACTICES WILL COMPLY WITH MINIMUM BEST PRACTICES FOR EROSION CONTROL, AND SHALL COMPLY WITH CITY OF HUNTSVILLE BMPs.
 - B. SITE ACTIVITIES SHALL BE CONDUCTED TO PREVENT TRANSPORT OF ANY POLLUTANTS OR CONTAMINATED WATER.
 - C. EROSION & SEDIMENTATION CONTROL DEVICES WILL BE INSTALLED AS NEEDED AND INSPECTED PRIOR TO ANY GRADING ON SITE.
 - D. IF EROSION & SEDIMENTATION CONTROL DEVICES ARE INSTALLED, THEY MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF CAPACITY OF DEVICE.

- LEGEND**
- P P EXISTING PRODUCT PIPING FOR REMOVAL (APPROXIMATE)
 - WATER LINE
 - STRM STORM SEWER LINE
 - UST FOR REMOVAL
 - EXISTING UST EXCAVATION AREA (APPROXIMATE)
 - ISLAND & EXISTING PIPING EXCAVATION (APPROXIMATE)
 - DISPENSER FOR REMOVAL
 - STORMWATER FLOW DIRECTION
 - BUILDING



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REV	DATE	REVISIONS	USE 1 OF 1						

TITLE:
DEMO PLAN

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PROJECT INFORMATION:
SNOWBASIN RESORT
3925 E OLD SNOWBASIN ROAD
HUNTSVILLE, UT 84317

DATE: _____ DRAWN BY: _____
SITE #: _____ PROJECT #: _____
SHEET: **C-100**








1301 Academy Court, Fort Collins CO 80524
Tel: (970) 492-7780 www.cgs.com



SCHEDULE NOTES:

S SUBMERSIBLE TURBINE PUMP (STP)
A AUTOMATIC TANK GAUGE (ATG)
V VENT
F FILL PORT
I INTERSTITIAL PORT

LEGEND

	DIESEL PRODUCT PIPING TO BE INSTALLED (DSL)
	REGULAR UNLEADED PIPING TO BE INSTALLED (RUL)
	VENT PIPING
	STORM SEWER
	WATER LINE
	UST PORT
	CONCRETE BOLLARD 4"

B

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TITLE: PIPING PLAN

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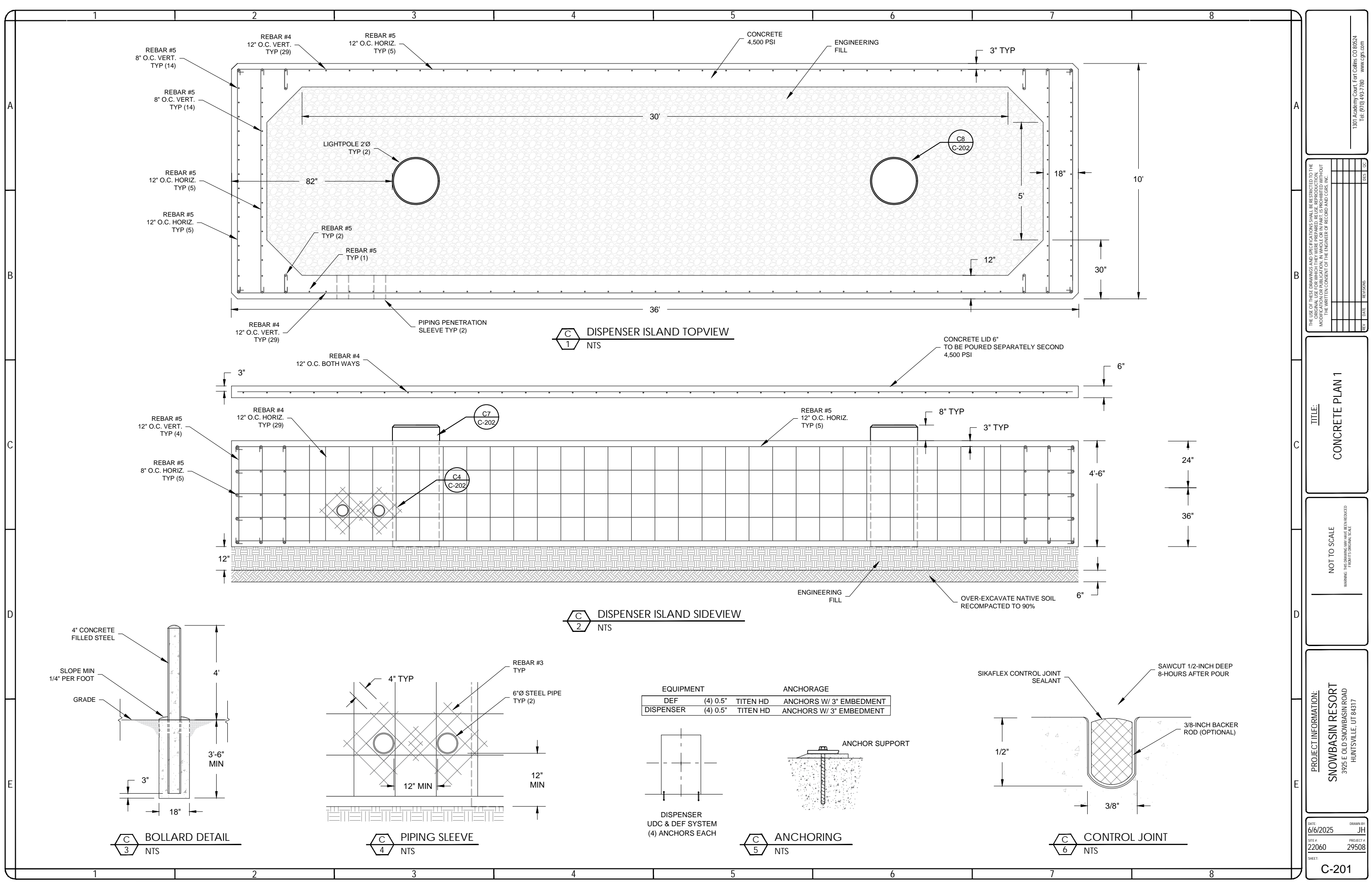
PROJECT INFORMATION:

SNOWBASIN RESORT
3925 E OLD SNOWBASIN ROAD
HUNTSVILLE, UT 84317

DATE:	DRAWN BY:
6/6/2025	JH
SITE #:	PROJECT #:
22060	29508
SHEET:	

C-101

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REV	DATE	REVISIONS	USER	CHK

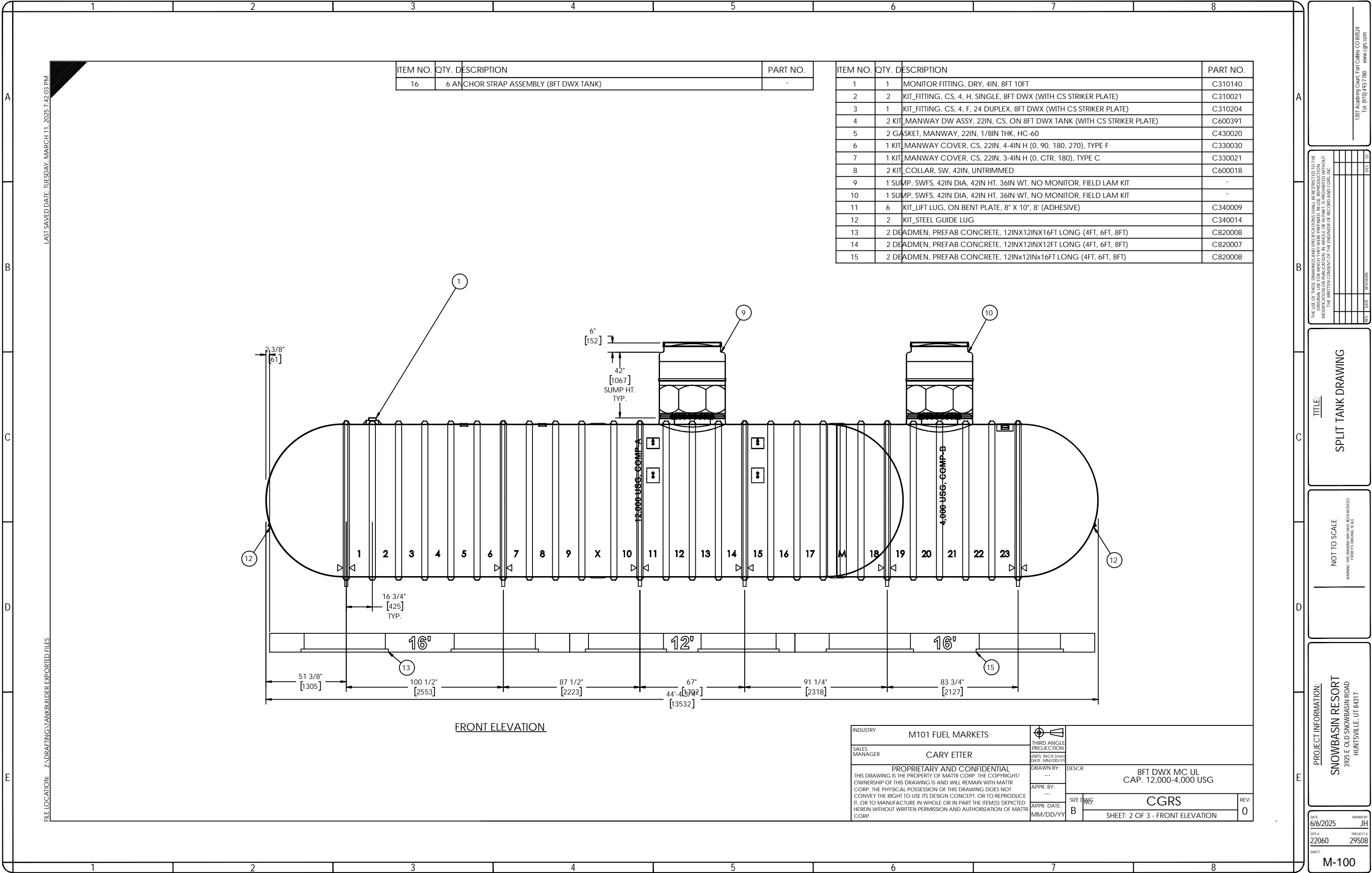
TITLE:
CONCRETE PLAN 1

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PROJECT INFORMATION:
SNOWBASIN RESORT
3925 E OLD SNOWBASIN ROAD
HUNTSVILLE, UT 84317



- A. CONCRETE WORK WITH STRENGTH > 2500 PSI EXCEPT NON-STRUCTURAL SLAB OR GRADE (HOUSEKEEPING PAD). IBC 1904.2
- B. REBAR INSPECTION.
- C. CONCRETE COMPRESSION STRENGTH TESTING ASTM C31. COLLECT THREE (3) 6"Ø CYLINDERS FOR 7-DAY & 21-DAY TESTING.
- D. ANCHOR PLACEMENT & INSTALLATION. IBC 1704.3.2 CBC TABLE 1705.3 MECHANICAL ANCHORS.



ITEM NO.	QTY.	DESCRIPTION	PART NO.
16	6	ANCHOR STRAP ASSEMBLY (8FT DWX TANK)	-

ITEM NO.	QTY.	DESCRIPTION	PART NO.
1	1	MONITOR FITTING, DRY, 4IN, 8FT 10FT	C310140
2	2	KIT_FITTING, CS, 4, H, SINGLE, 8FT DWX (WITH CS STRIKER PLATE)	C310021
3	1	KIT_FITTING, CS, 4, F, 24 DUPLEX, 8FT DWX (WITH CS STRIKER PLATE)	C310204
4	2	KIT_MANWAY DW ASSY, 22IN, CS, ON 8FT DWX TANK (WITH CS STRIKER PLATE)	C600391
5	2	GASKET, MANWAY, 22IN, 1/8IN THK, HC-60	C430020
6	1	KIT_MANWAY COVER, CS, 22IN, 4-4IN H (0, 90, 180, 270), TYPE F	C330030
7	1	KIT_MANWAY COVER, CS, 22IN, 3-4IN H (0, CTR, 180), TYPE C	C330021
8	2	KIT_COLLAR, SW, 42IN, UNTRIMMED	C600018
9	1	SUMP, SWFS, 42IN DIA, 42IN HT, 36IN WT, NO MONITOR, FIELD LAM KIT	-
10	1	SUMP, SWFS, 42IN DIA, 42IN HT, 36IN WT, NO MONITOR, FIELD LAM KIT	-
11	6	KIT_LIFT LUG, ON BENT PLATE, 8" X 10", 8" (ADHESIVE)	C340009
12	2	KIT_STEEL GUIDE LUG	C340014
13	2	DEAD MEN, PREFAB CONCRETE, 12INX12INX16FT LONG (4FT, 6FT, 8FT)	C820008
14	2	DEAD MEN, PREFAB CONCRETE, 12INX12INX12FT LONG (4FT, 6FT, 8FT)	C820007
15	2	DEAD MEN, PREFAB CONCRETE, 12INX12INX16FT LONG (4FT, 6FT, 8FT)	C820008

REV.	DATE	REVISIONS	USER	CHK

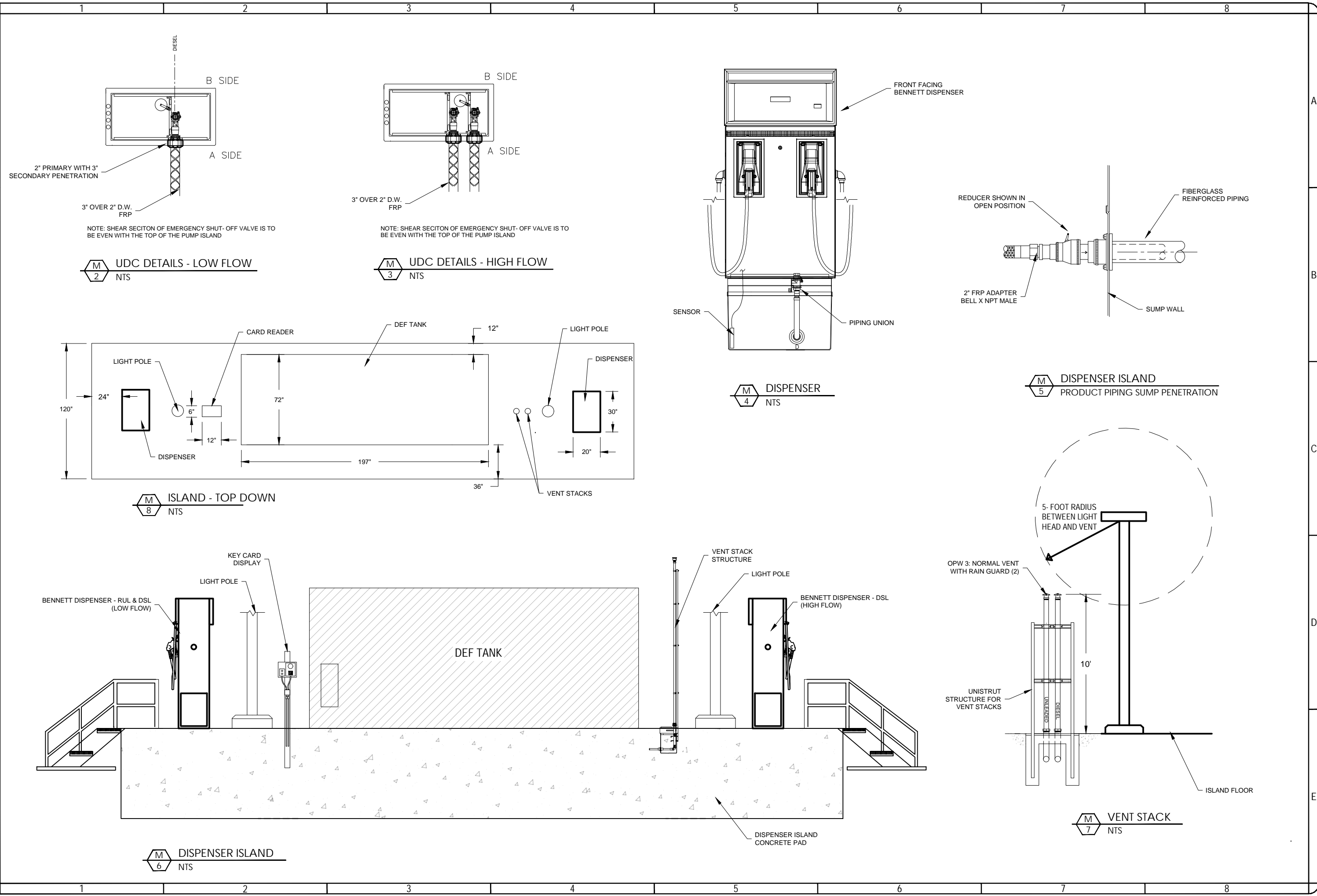
TITLE:
SPLIT TANK DRAWING

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PROJECT INFORMATION:
SNOWBASIN RESORT
3925 E OLD SNOWBASIN ROAD
HUNTSVILLE, UT 84317

DATE: 6/6/2025
SITE #: 22060
SHEET: M-100
DRAWN BY: JH
PROJECT #: 29508

INDUSTRY	M101 FUEL MARKETS	THIRD ANGLE PROJECTION	DESCR:	8FT DWX MC UL CAP. 12,000-4,000 USG
SALES MANAGER	CARY ETTER	UNITS: INCH (mm) DATE: MM/DD/YY	DRAWN BY:	---
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		APPR. DATE:	MM/DD/YY	---
		SIZE DWG:	B	CGRS
		SHEET: 2 OF 3 - FRONT ELEVATION		REV. 0



PROJECT INFORMATION:

SNOWBASIN RESORT

3925 E OLD SNOWBASIN ROAD

HUNTSVILLE, UT 84317

DATE:

6/6/2025

SHEET #:

22060

SHEET:

M-300

DRAWN BY:

JH

PROJECT #:

29508

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TITLE:

FUEL PIPING DETAILS

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REV	DATE	REVISIONS	DES	DC
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