REV 00B | DWG NO. SCK-760000

PARCEL LEGAL DESCRIPTION

ALL OF LOTS 6 & 7, CENTENNIAL INDUSTRIAL PARK
PHASE 1. 08801-4457 10659-3156 10659-3921

VICINITY MAP



LOCATION MAP



CONTACT LIST

OWNER
First Qality Home Care Products
3540 W 1987 S
SALT LAKE CITY, UTAH 84104
CONTACT: Nishant Patel
EMAIL: NKPatel@firstquality.com
PH: (385)766-0419

ENGINEERING
JEPCO
2480 S. 3850 W, SUITE D
SALT LAKE CITY, UT 84120
PHONE: 916-960-8216
CONTACT: MARK RAWLINGS
EMAIL: mrawlings@jobepc.com

ELECTRICAL CONTACT: WILL MORREY
EMAIL: wmorrey@jobindustrial.com

PROJECT DATA

JURISDICTION
SALT LAKE CITY
BUILDING & DEVELOPMENT
349 SOUTH 200 EAST
SALT LAKE CITY, UT 84111
801-535-7224

NATURAL GAS
DOMINION ENERGY UTAH
333 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

WATER
PUBLIC UTILITIES
160 EAST BROADWAY
SALT LAKE CITY, UT 84111
PHONE: 801-483-6900
EMERGENCIES: 801-483-6700

FIRE DEPARTMENT
SALT LAKE CITY FIRE STATION 2
254 WEST 300 NORTH
SALT LAKE CITY, UT 84103
PHONE: 801-799-3473

PARCEL NUMBER
08253280010000

LAND USE
M-1, LIGHT MANUFACTURING DISTRICT

SHEET INDEX

CONCRETE	
SCK-760000	COVER SHEET AND PROJECT LOCATION PLAN
SCK-760001	CONCRETE GENERAL NOTES
SCK-760002	CONCRETE STANDARD DETAILS
SCK-760003	CONCRETE DEMOLITION PLAN
SCK-760004	FOUNDATION LOCATION PLANS
SCK-760005	FOUNDATION PLANS SECTIONS AND DETAILS
SCK-760006	FOUNDATION PLANS SECTIONS AND DETAILS
SCK-760007	ENZYME TRENCH AND DRAINAGE PLAN
SCK-760008	ENZYME TRENCH AND DRAINAGE SECTS. AND DETS.
SCK-760009	MEZZANINE TRENCH AND DRAINAGE PLAN
SCK-760010	MEZZANINE TRENCH AND DRAINAGE SECTS. AND DETS.
STRUCTURAL	
SCK-760016	STRUCTURAL STEEL GENERAL NOTES
SCK-760017	STRUCTURAL STANDARD DETAILS
SCK-760018	STRUCTURAL STANDARD DETAILS
SCK-760019	STRUCTURAL STANDARD DETAILS
SCK-760020	ENZYME TANK PLANS
SCK-760021	ENZYME TANK ELEVATIONS AND DETAILS
SCK-760022	
SCK-760023	MEZZANINE PLAN
SCK-760024	MEZZANINE ELEVATIONS
SCK-760025	MEZZANINE SECTIONS AND DETAILS
SCK-760026	
SCK-760027	
SCK-760028	ENZYME STAIRS PLANS AND DETAILS
SCK-760029	MEZZANINE STAIRS PLANS AND DETAILS

ISSUED FOR BID
10-29-2026

REVISION TABLE

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B	10/29/26	MDF	MRR	MRR	ISSUE FOR BID
A	10/16/26	MDF	MRR	MRR	ISSUED FOR BUILDING PERMIT

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DRAWN DATE: 10/13/26
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SIZE: D (36x24)

SALT LAKE CITY PLANT
PROJECT LOCATION PLAN
–

REV 00B | DWG NO. SCK-760000

DATE PLOTTED 10/29/2026

CONCRETE NOTES

1. CONCRETE AND CONCRETE MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
2. CONCRETE AND REINFORCING SHALL BE DESIGNED, DETAILED AND PLACED IN ACCORDANCE WITH THE LATEST REVISION OR EDITION OF THE ACI BUILDING CODE FOR REINFORCED CONCRETE ACI 318 AND ACI 301R.
3. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 DEFORMED BARS UNLESS NOTED OTHERWISE, AND SHALL BE FREE FROM LOOSE FLAKY RUST, MUD, OIL OR OTHER COATINGS THAT WILL DESTROY OR REDUCE THE BOND. NO WELDING OF REINFORCING BARS SHALL BE ALLOWED. REINFORCING SHALL BE TIED WITH ANNEALED 16 GAGE WIRE OR HEAVIER.
4. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE ACI DETAILING MANUAL. (ACI SP-66 AND ACI 315)
5. REINFORCING BARS #4 AND LARGER SHALL BE SHOP FABRICATED/TAGGED.
6. MINIMUM DISTANCE FROM EDGE OF BAR TO FACE OF CONCRETE SHALL BE 3" WHERE POURED AGAINST EARTH AND 2" WHERE FORMED. FOR CONCRETE NOT EXPOSED TO WEATHER OR GROUND, MINIMUM DISTANCE FROM EDGE OF BAR TO FACE OF CONCRETE SHALL BE 1½" CLEAR FOR COLUMNS, GIRDERS AND BEAMS. FLOOR SLABS AND WALLS, SHALL HAVE A CLEAR DISTANCE OF ¾".
7. REINFORCING STEEL LAP SPLICES (ACI 318 SECTIONS 25.4.2 AND 25.5.2) SHALL BE AS FOLLOWS:

CLASS B SPLICE, CONCRETE STRENGTH 4000 PSI		
BAR SIZE	TOP BAR	OTHER BARS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	90"	70"

TOP BAR IS HORIZONTAL BAR WITH MORE THAN 12 INCHES OF CONCRETE BELOW BAR.

8. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS UNLESS NOTED ON DESIGN DRAWINGS.
9. CEMENT SHALL BE PORTLAND CEMENT ASTM C150 TYPE 2.
10. CONCRETE SHALL HAVE A MAXIMUM COARSE AGGREGATE SIZE OF ¾" UNLESS OTHERWISE NOTED. (ASTM C33)
11. MIX AND PLACE CONCRETE ACCORDING TO ACI 301 AND ACI 304. CURE CONCRETE ACCORDING TO ACI 301 (CHAPTER 5) AND ACI 308. ALL CONCRETE SHALL BE MOIST OR FORM CURED FOR A MINIMUM OF 7 DAYS.
12. CONCRETE SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3 FOR ALL SURFACES EXPOSED TO FREEZING AND THAWING. FOR ¾" COARSE AGGREGATE USE 5% ±1%. (ASTM C260)
13. CONCRETE WORK PERFORMED DURING HOT WEATHER SHALL MEET ACI 305.
14. CONCRETE WORK PERFORMED BELOW 40 DEGREES F SHALL MEET ACI 306.
15. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES AFTER ADDING MIX WATER.
16. A MAXIMUM SLUMP AT POINT OF DISCHARGE OF 4 INCHES AND A WATER/CEMENT RATIO OF 0.51 OR LESS (NON AIR-ENTRAINED), 0.41 OR LESS (AIR ENTRAINED.) USE ADMIXTURES ONLY WITH APPROVAL.
17. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, A82, A496, A497 AND ACI 318. WELDED WIRE FABRIC SHALL BE LAPPED TWO (2) MESH SPACES MINIMUM ON SIDES AND ENDS.
18. ALL FLAT FLOOR SLABS SHALL HAVE A STEEL TROWEL FINISH SMOOTH, LEVEL AND TRUE. ALL SLOPING GROUND FLOOR SLABS SHALL HAVE A WOOD FLOAT FINISH, UNLESS NOTED OTHERWISE.
19. CHAMFER EXPOSED CONCRETE EDGES ¾" TO 1" AT 45 DEGREES.
20. INTERFACES BETWEEN NEW CONCRETE AND PREVIOUSLY HARDENED CONCRETE SHALL BE CLEAN AND FREE OF LAITANCE AND SHALL BE ROUGHENED APPROXIMATELY ¼".
21. WATERSTOP SHALL BE SYNKO-FLEX ADHESIVE WATERSTOP OR APPROVED EQUAL INSTALLED IN COMPLETE ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.
22. ALL SOIL SUPPORTED FOUNDATIONS PLACED ON EXPOSED SUBGRADE SHOULD BE PROOF TAMPED AND ALL SOFT SPOTS REMOVED. LEAN (2000 PSI) CONCRETE MAY BE USED IN LIEU OF COMPACTED STRUCTURAL FILL.
23. STRUCTURAL FILL MATERIAL PLACED TO SUPPORT FOUNDATIONS, PAVEMENTS, AND CONCRETE FLOOR SLABS SHALL BE COMPACTED TO A DRY DENSITY THAT IS NOT LESS THAN 95% OF ASTM D1557 (MODIFIED PROCTOR DENSITY) AND MAINTAIN A MOISTURE CONTENT WITHIN ±2% OF OPTIMUM. ALL STRUCTURAL FILL SHALL BE PLACED IN LOOSE HORIZONTAL LAYERS NOT TO EXCEED 8 INCHES IN THICKNESS.
24. ALL EARTHWORK RECOMMENDATIONS ARE BASED ON AND SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
25. CONCRETE BONDING ADHESIVE SHALL BE 'PERMANENT BOND' BY FIVE STAR PRODUCTS, INC. OR APPROVED EQUAL. BONDING AGENTS SHALL CONFORM TO ASTM C881.
26. CONTRACTOR TO PROTECT ALL EXISTING UNDERGROUND UTILITIES AND APPURTENANCES DURING CONSTRUCTION. IF UNDERGROUND OBSTRUCTION IS UNCOVERED DURING CONSTRUCTION, CONTRACTOR TO SEEK PATH FORWARD FROM RESPONSIBLE ENGINEER OR PLANT MANAGER.
27. DO NOT INSTALL ANY PIPES, CONDUITS, ETC. INSIDE CONCRETE WALLS, COLUMNS, PEDESTALS, AND/OR FOOTINGS. ALL GROUNDING TO BE INSTALLED ON OUTSIDE OF CONCRETE MEMBERS. ANY EXCEPTION REQUIRES WRITTEN APPROVAL BY CLIENT AND ENGINEER.
33. WHERE ANCHOR BOLT SLEEVES ARE SPECIFIED, FILL VOID IN SLEEVE WITH EXPANDING CLOSED CELL POLYURETHANE FOAM.

GROUT NOTES

1. GROUT SHALL BE NON-SHRINK GROUT UNLESS OTHERWISE NOTED. ALL COLUMN BASE PLATES AND EQUIPMENT FOUNDATIONS SHALL HAVE A MINIMUM OF 1 INCH THICK GROUT UNLESS OTHERWISE NOTED ON THE ENGINEERING DESIGN DRAWINGS. USE 'FIVE STAR GROUT' BY FIVE STAR PRODUCTS, INC. OR APPROVED EQUAL. MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI.
2. EPOXY GROUT WILL BE USED FOR ROTATING AND RECIPROCATING EQUIPMENT WHERE INDICATED ON THE ENGINEERING DESIGN DRAWINGS. EPOXY GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 9000 PSI. FIVE STAR 'DP EPOXY GROUT' OR APPROVED EQUAL. CONCRETE FOUNDATION SHALL CURE FOR A MINIMUM OF 21 DAYS BEFORE PLACING EPOXY GROUT OR PER MANUFACTURERS RECOMMENDATIONS.

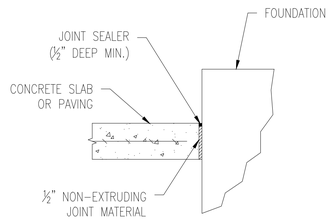
CONCRETE ADHESIVE ANCHOR NOTES

1. CONCRETE ADHESIVE ANCHORS SHALL USE 'HILTI' HIT-HY 200 ADHESIVE ANCHORING SYSTEM OR EQUAL, UNLESS SPECIFIED OTHERWISE.
2. CONCRETE ADHESIVE ANCHORS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR STEEL INSTALLATION, UNLESS SPECIFIED OTHERWISE.
3. CONCRETE ADHESIVE ANCHORS SHALL USE THE FOLLOWING EFFECTIVE EMBEDMENT DEPTH, UNLESS SPECIFIED OTHERWISE.

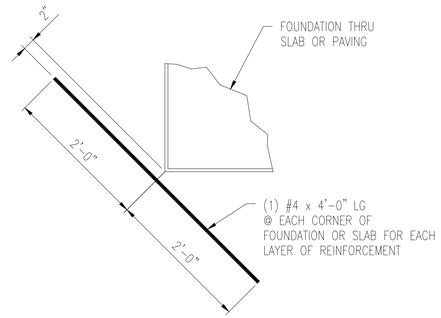
ANCHOR ø	EFFECTIVE EMBEDMENT (U.N.O.)	NOTES
⅝" ø	4½" BELOW TOP OF CONCRETE	6" MIN CONCRETE THICKNESS
¾" ø	4¼" BELOW TOP OF CONCRETE	6" MIN CONCRETE THICKNESS

DESIGN CRITERIA

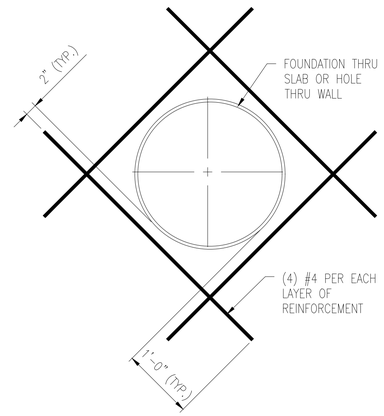
1. CODES AND STANDARDS
   - 2018 INTERNATIONAL BUILDING CODE
   - ACI 318-14
   - ASCE 7-16
   - AISC 360-16
2. VERTICAL LOADS
   - LIVE LOADS..... 100 PSF
   - GROUND SNOW LOAD..... 30 PSF
3. SEISMIC CRITERIA
   - SITE CLASS..... D
   - RISK CATEGORY..... III
   - S_S..... –
   - S_{DS}..... –
   - S_1..... –
   - S_{D1}..... –
   - R..... 3.25
   - I_E..... 1.25
   - Ω_0..... 2
   - C_S..... 3.25
   - ANALYSIS PROCEDURE
     - EQUIVALENT LATERAL FORCE
   - SEISMIC DESIGN CATEGORY.. –
   - SEISMIC BASE SHEAR..... –
   - SEISMIC FORCE-RESISTING SYSTEM
4. WIND CRITERIA
   - V_{ULT}..... 115 MPH
   - RISK CATEGORY..... III
   - EXPOSURE CATEGORY..... C
5. GEOTECHNICAL CRITERIA
   - ALLOWABLE SOIL BEARING PRESSURES
     - DEAD LOADS..... 1500 PSF
     - DEAD + LIVE LOADS..... 1500 PSF
     - DEAD + SEISMIC/WIND LOADS... 2000 PSF
   - LATERAL EARTH BEARING PRESSURES
     - PASSIVE..... –
     - ACTIVE..... –
     - FRICTION..... –
6. SPECIAL LOADS
   - REACTIONS AND LOADING FOR EQUIPMENT PROVIDED BY VENDOR. SEE:



ISOLATION JOINT



RE-ENTRANT CORNER REINFORCING



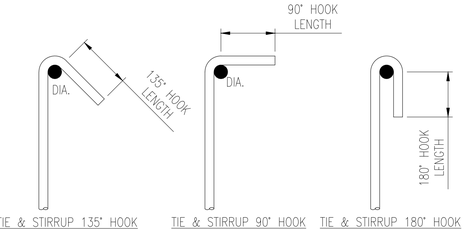
CIRCULAR PENETRATION REINFORCING

FOR OPENINGS/PEDESTALS GREATER THAN 8"ø

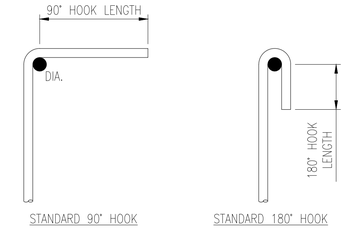
TIE AND STIRRUP HOOK DIMENSIONS				
BAR SIZE	MIN. BEND DIA.	MIN. 90° HOOK LENGTH	MIN. 135° HOOK LENGTH	MIN. 180° HOOK LENGTH
#3	1 1/2"	3"	3"	2 1/2"
#4	2"	3"	3"	2 1/2"
#5	2 1/2"	3 3/4"	3 3/4"	2 1/2"

NOTES:
1. STANDARD HOOKS SHALL ENCLOSE LONGITUDINAL REINFORCEMENT.
2. ALL TIE AND STIRRUP HOOKS SHALL ENGAGE LONGITUDINAL REINFORCEMENT AND EXTENSION SHALL PROJECT INTO THE INTERIOR OF THE STIRRUP OR HOOP.

STANDARD HOOK DIMENSIONS			
BAR SIZE	MIN. BEND DIA.	MIN. 90° HOOK LENGTH	MIN. 180° HOOK LENGTH
#3	2 1/4"	4 1/2"	2 1/2"
#4	3"	6"	2 1/2"
#5	3 3/4"	7 1/2"	2 1/2"
#6	4 1/2"	9"	3"
#7	5 1/4"	10 1/2"	3 1/2"
#8	6"	1'-0"	4"
#9	11 1/4"	1'-1 1/2"	4 1/2"
#10	1'-0 1/2"	1'-3"	0'-5"



TIE & STIRRUP 135° HOOK (SEISMIC) | TIE & STIRRUP 90° HOOK | TIE & STIRRUP 180° HOOK



STANDARD 90° HOOK | STANDARD 180° HOOK

BAR BENDS AND HOOKS

ISSUED FOR BID
10-29-2026

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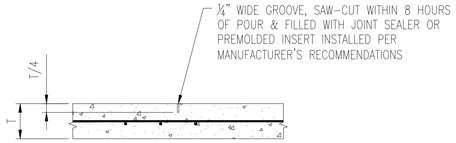
DRAWN BY	MDF
DRAWN DATE	10/02/26
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SIZE	D (36x24)

SALT LAKE CITY PLANT
STRUCTURAL
CONCRETE GENERAL NOTES

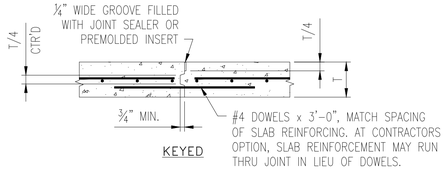
REV B | DWG NO. SCK-760001

DATE PLOTTED 10/29/2026

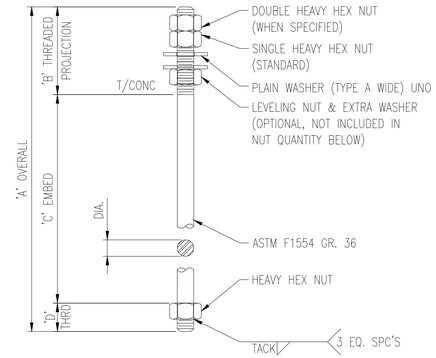
REV B
DWG NO. SCK-760002



CONTROL JOINT



KEYED



NOTE:
ALL CONCRETE ANCHORS AND HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

CONCRETE FASTENER SCHEDULE

ANCHOR BOLTS							NUTS	REMARKS
MARK	DIA.	A	B	C	D	QTY.		
AB-1	3/4"	1'-10 1/4"	6"	1'-3"	1 1/4"	40	80	
AB-3	1"	1'-10 1/2"	6"	1'-3"	1 1/2"	16	32	
AB-2	1"	2'-3 1/2"	6"	1'-8"	1 1/2"	32	64	

NOTES

1. SEE DRAWING SCK-760001 FOR GENERAL NOTES.
2. CONTRACTOR TO SUBMIT LAYOUT PLAN SHOWING PROPOSED CONTROL AND CONSTRUCTION JOINTS PRIOR TO CONCRETE PLACEMENT.
3. MAX. SPACING IN EITHER DIRECTION IS 20'-0" (REINFORCED) AND 15'-0" (UNREINFORCED).
4. LENGTH TO WIDTH RATIO NOT TO EXCEED 1.5:1.
5. PROVIDE CONTROL OR CONSTRUCTION JOINT(S) AT ALL RE-ENTRANT CORNERS, FIXED EQUIPMENT/COLUMN PEDESTALS.
6. IN CONTAINMENT AREAS, ADD WATERSTOP TO ALL JOINT DETAILS AS REQUIRED.

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10-29-2026

REVISION TABLE

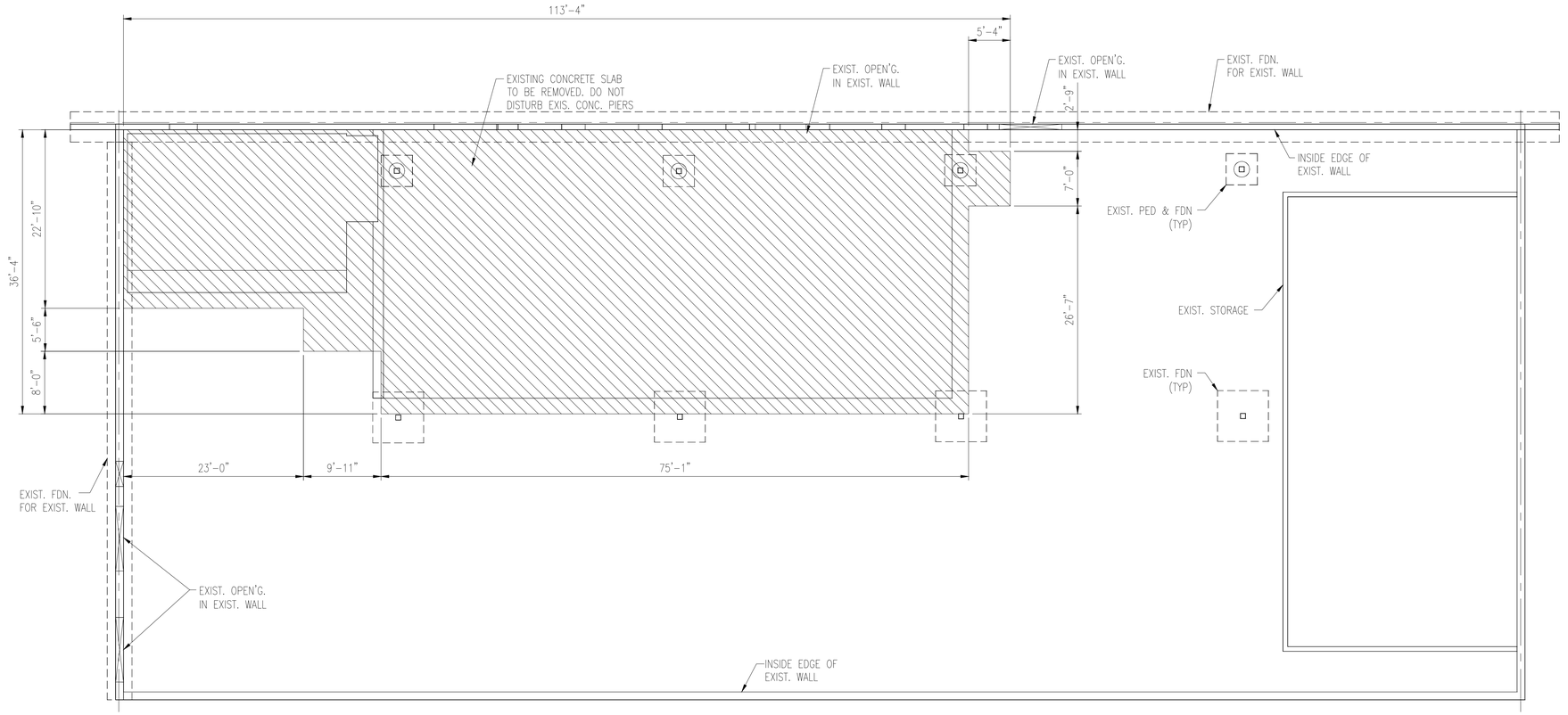
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SALT LAKE CITY PLANT
STRUCTURAL
CONCRETE STANDARD DETAILS

REV B
DWG NO. SCK-760002
DATE PLOTTED 10/29/2026



DEMOLITION PLAN

NOTES
1. SEE DRAWING SCK-760001 FOR GENERAL NOTES.

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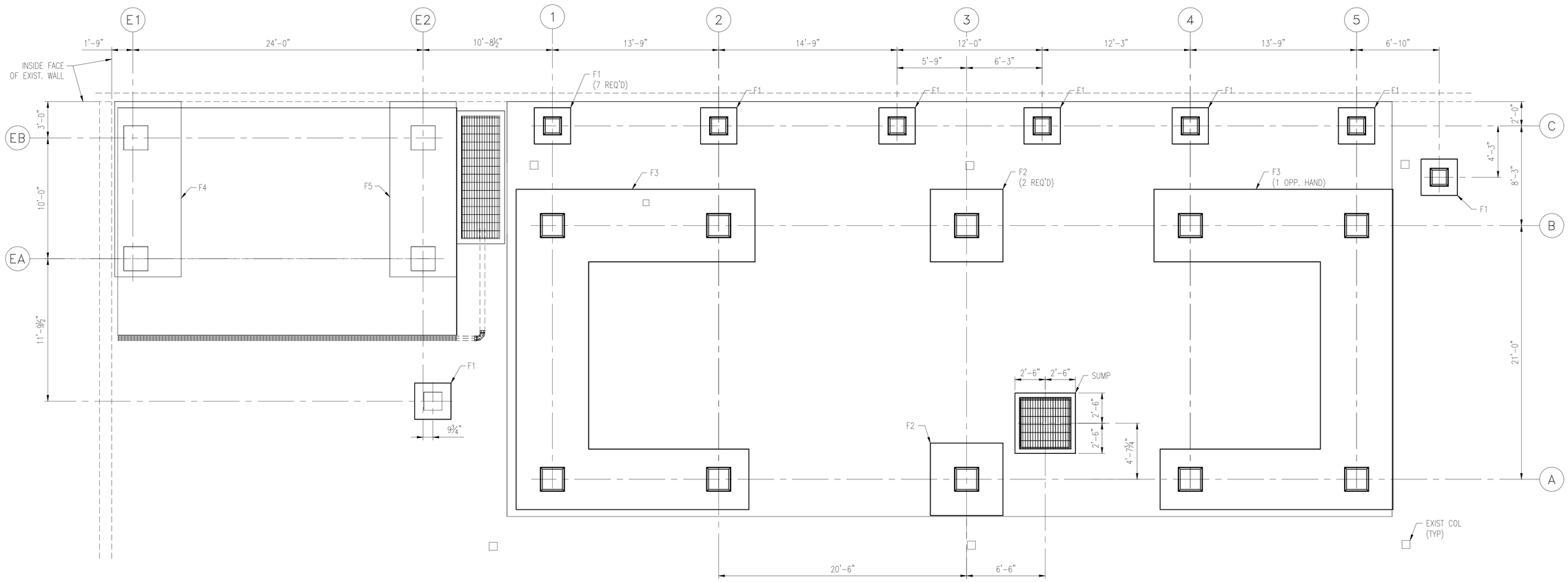
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SALT LAKE CITY PLANT
STRUCTURAL
DEMOLITION PLAN

REV B
DWG NO. SCK-760003
DATE PLOTTED 10/29/2026



ENZYME TANK FOUNDATION LOCATION PLAN
SCALE: 1/4" = 1'-0"

MEZZANINE FOUNDATION LOCATION PLAN
SCALE: 1/4" = 1'-0"

NOTES

1. SEE DRAWING SCK-760001 FOR GENERAL NOTES.
2. FOR F1, F2, F3 PLANS, SECTIONS AND DETAILS SEE DRAWING SCK-760005.
3. FOR F4 & F5 PLANS, SECTIONS AND DETAILS SEE DRAWING SCK-760006.

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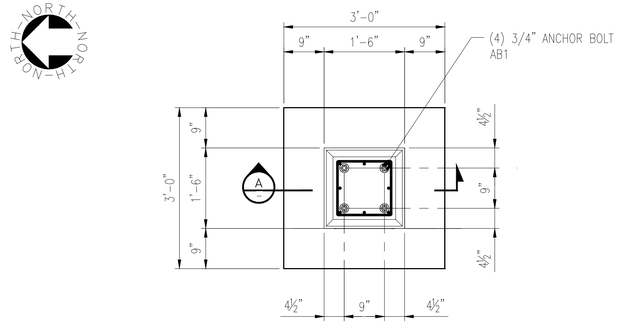
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	DO NOT SCALE DRAWING
SIZE	D (36x24)

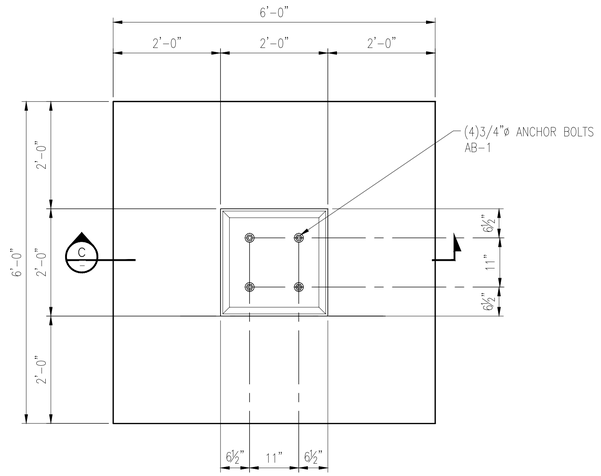
SALT LAKE CITY PLANT
CONCRETE
FOUNDATION LOCATION PLANS

REV B
DWG NO. SCK-760004
DATE PLOTTED 10/29/2026

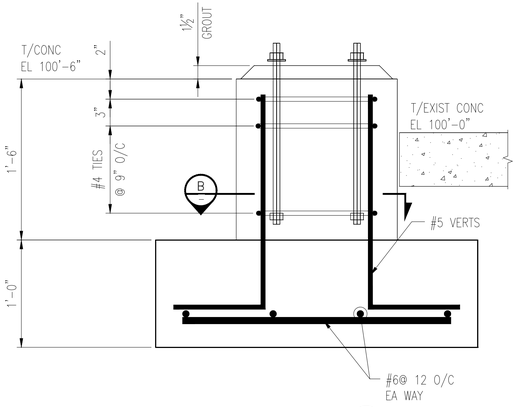
REV B DWG NO. SCK-760005



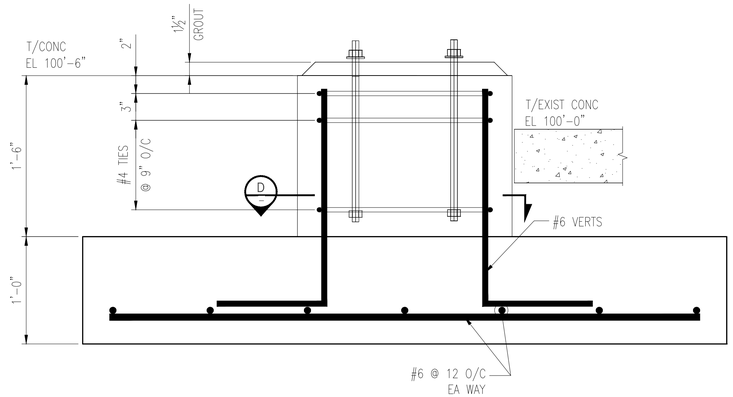
FOUNDATION F1 PLAN
SCALE: 3/4"= 1'-0" SCK-760004



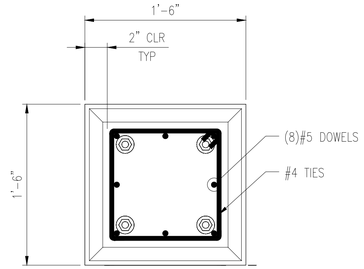
FOUNDATION F2 PLAN
SCALE: 3/4"= 1'-0" SCK-760004



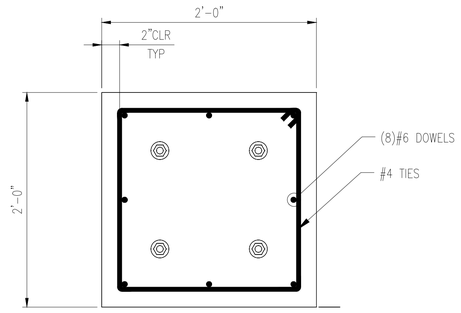
SECTION A
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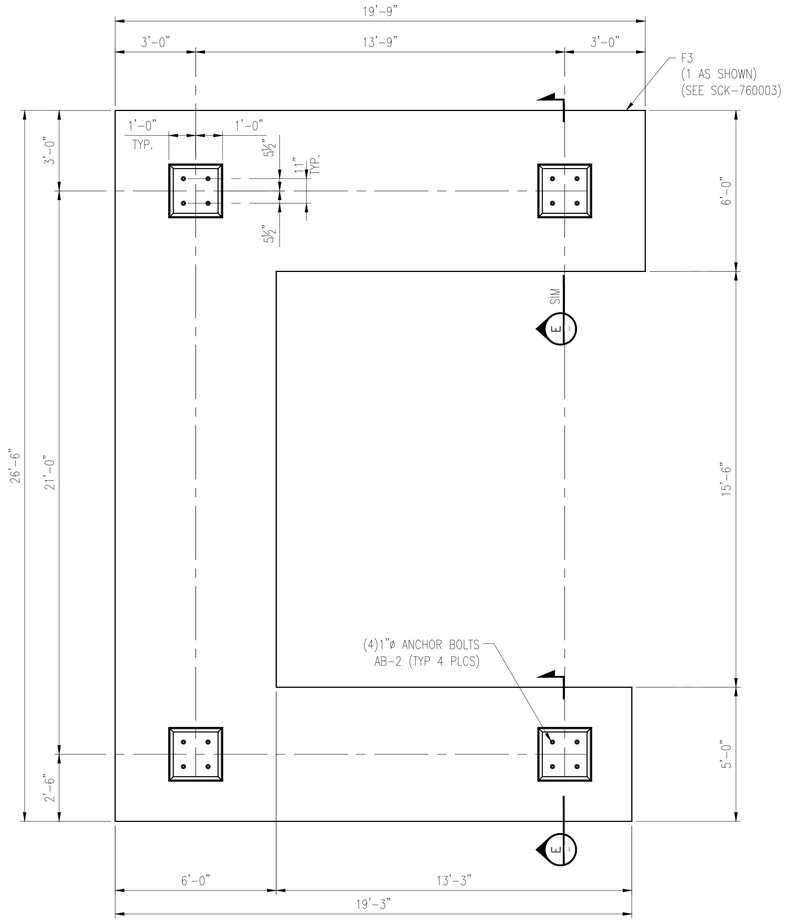
SECTION C
1 1/2" = 1'-0"



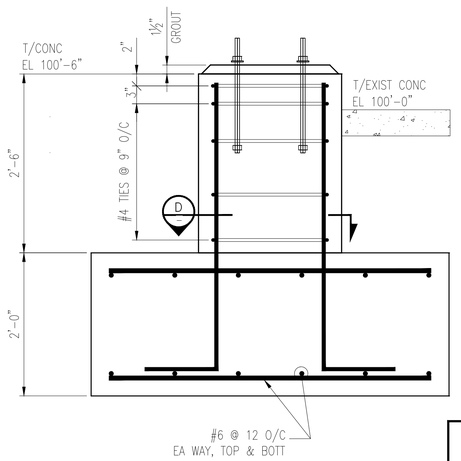
SECTION B
1 1/2" = 1'-0"



SECTION D
SCALE: 1 1/2" = 1'-0"



FOUNDATION F3 PLAN
SCALE: 3/8"= 1'-0" SCK-760004



SECTION E
SCALE: 1" = 1'-0"

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10-29-2026

REVISION TABLE

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B	10/29/26	MDF	MRR	MRR	ISSUED FOR BID
A	10/16/26	MDF	MRR	MRR	ISSUED FOR BUILDING PERMIT

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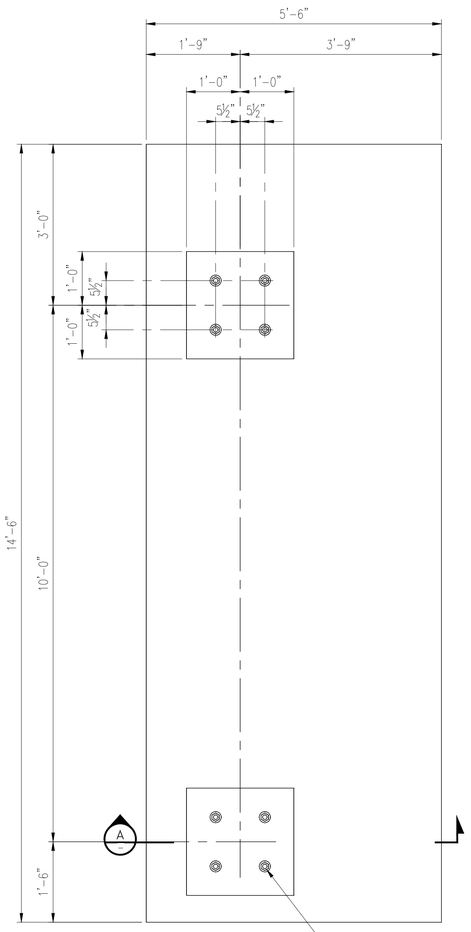
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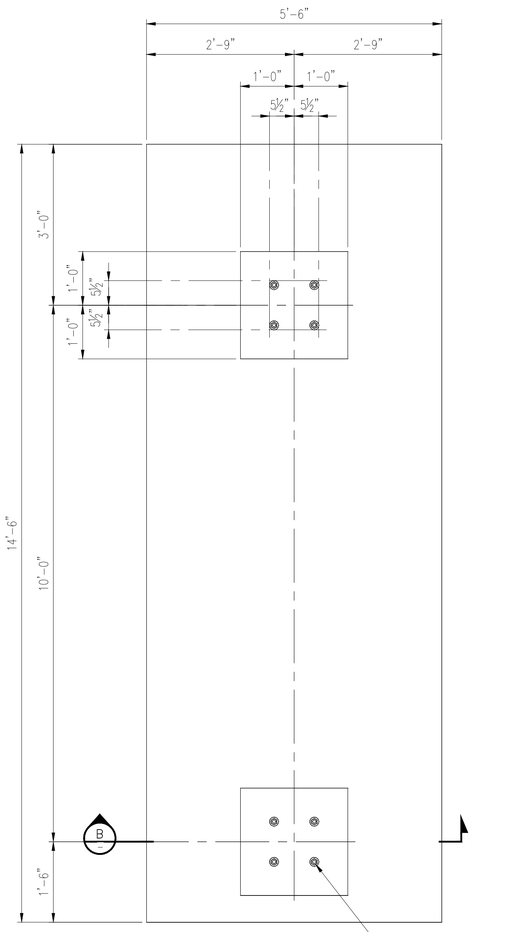
SALT LAKE CITY PLANT
CONCRETE
FOUNDATIONS SECTIONS & DETAILS

REV B | DWG NO. SCK-760005

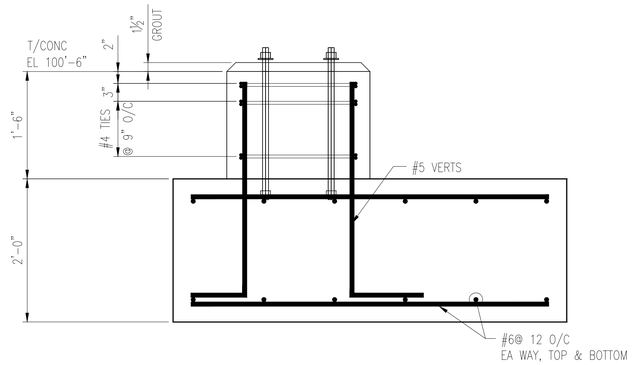
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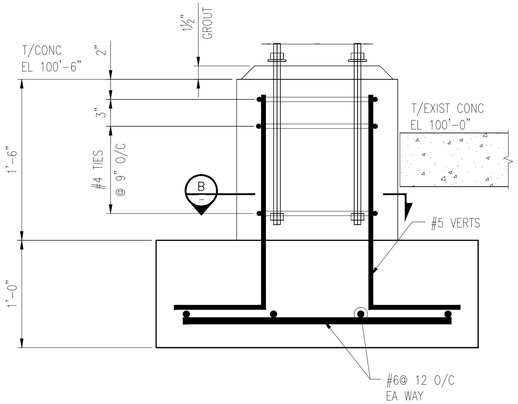
FOUNDATION F4 PLAN
SCALE: 3/4"= 1'-0" SCK-760004



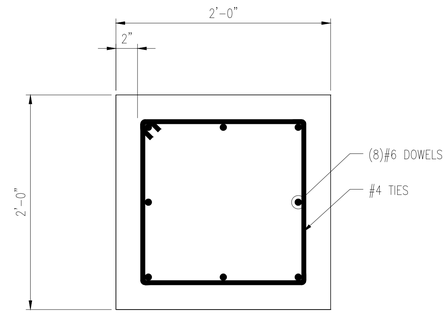
FOUNDATION F5 PLAN
SCALE: 3/4"= 1'-0" SCK-760004



SECTION A
1 1/2" = 1'-0"



SECTION B
1 1/2" = 1'-0"



SECTION C
1 1/2" = 1'-0"

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10-29-2026

REVISION TABLE

Rev. No.	DATE	DRAWN BY	CHECKED BY	APPROVED BY	DESCRIPTION
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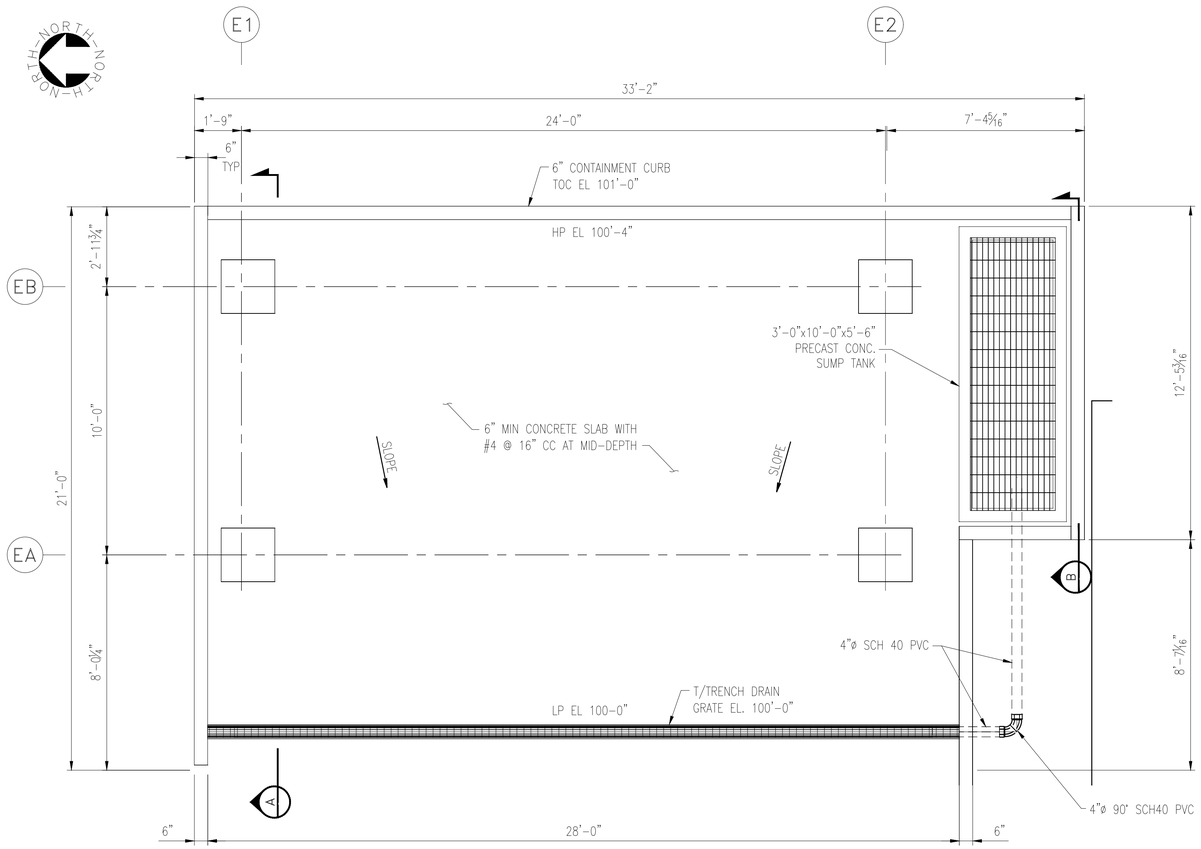
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SALT LAKE CITY PLANT
CONCRETE
FOUNDATIONS SECTIONS & DETAILS

REV B | DWG NO. SCK-760006

DATE PLOTTED 10/29/2026

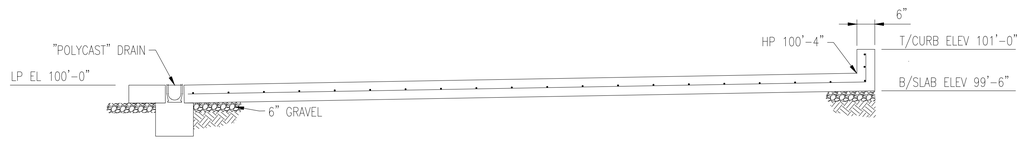
DWG NO. SCK-760007 REV B



ENZYME TANK

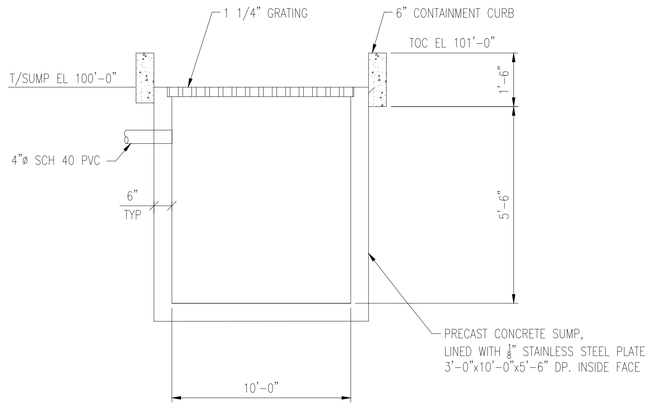
TRENCH AND DRAINAGE PLAN

SCALE: 3/8" = 1'-0"



SECTION A

SCALE: 1 1/2"=1'-0"



SECTION B

SCALE: 1/2"=1'-0"

NOTES

1. SEE DRAWING SCK-760001 FOR GENERAL NOTES.
2. TRENCH DRAINS TO BE 48" LONG "POLYCAST" 623 SERIES TRENCH DRAIN CHANNEL, INLAID WITH DURAGUARD 700 SERIES COMPOSITE FRAME DG700PE, DURAGUARD DUCTILE IRON SLOTTED GRATE DG0675HD. INSTALLATION CHAIRS DA0633, GRATING HOLD DOWN DEVICES DA0642BH AND ABS PLASTIC END CAPSDA0670 (FEMALE). NOTE THAT GRATES AND LOCKING DEVICES MUST BE IN PLACE PRIOR TO CONCRETE PLACEMENT.

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10-29-2026

REVISION TABLE

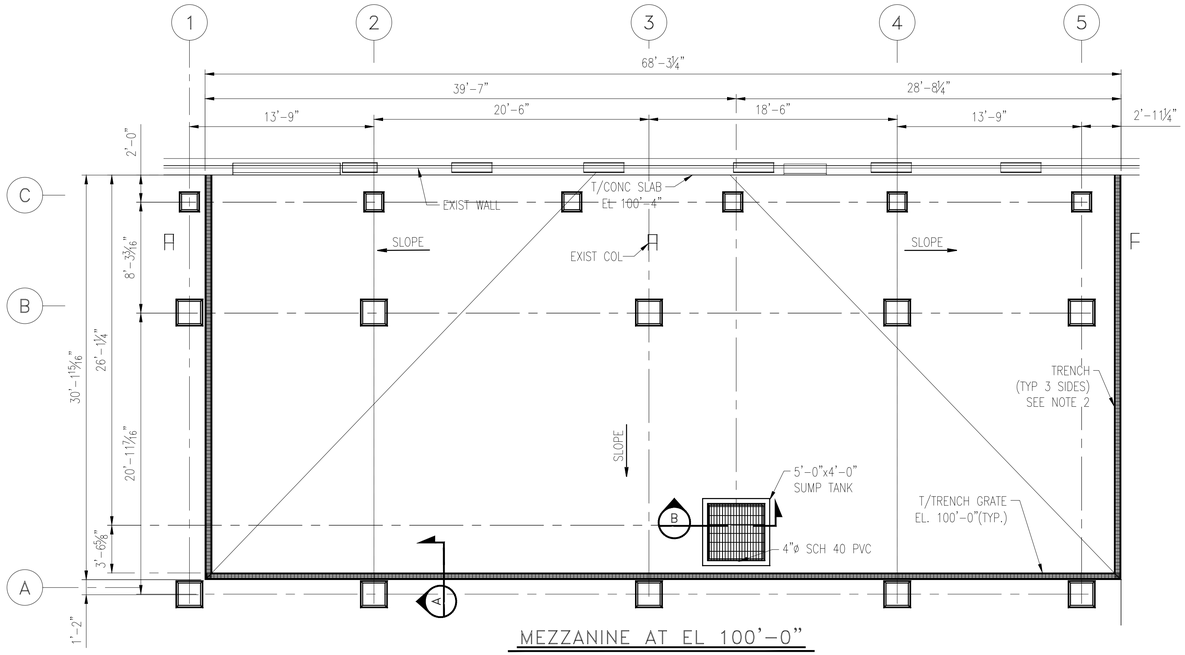
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SALT LAKE CITY PLANT
CONCRETE
ENZYME TRENCH AND DRAINAGE PLAN

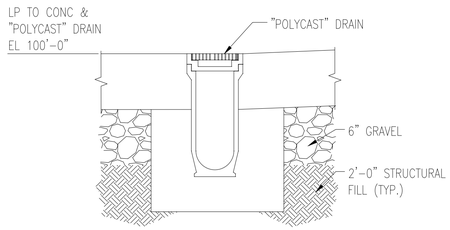
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MEZZANINE AT EL 100'-0"

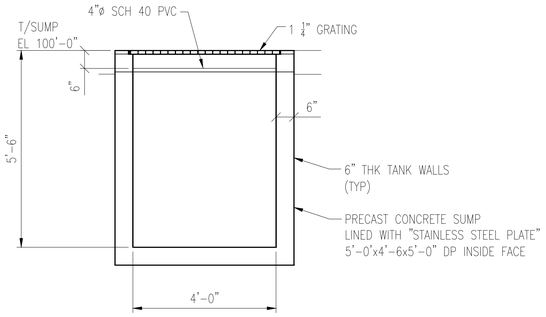
TRENCH AND DRAINAGE PLAN

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



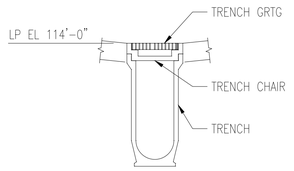
SECTION (A)

SCALE: 1 1/2"=1'-0"



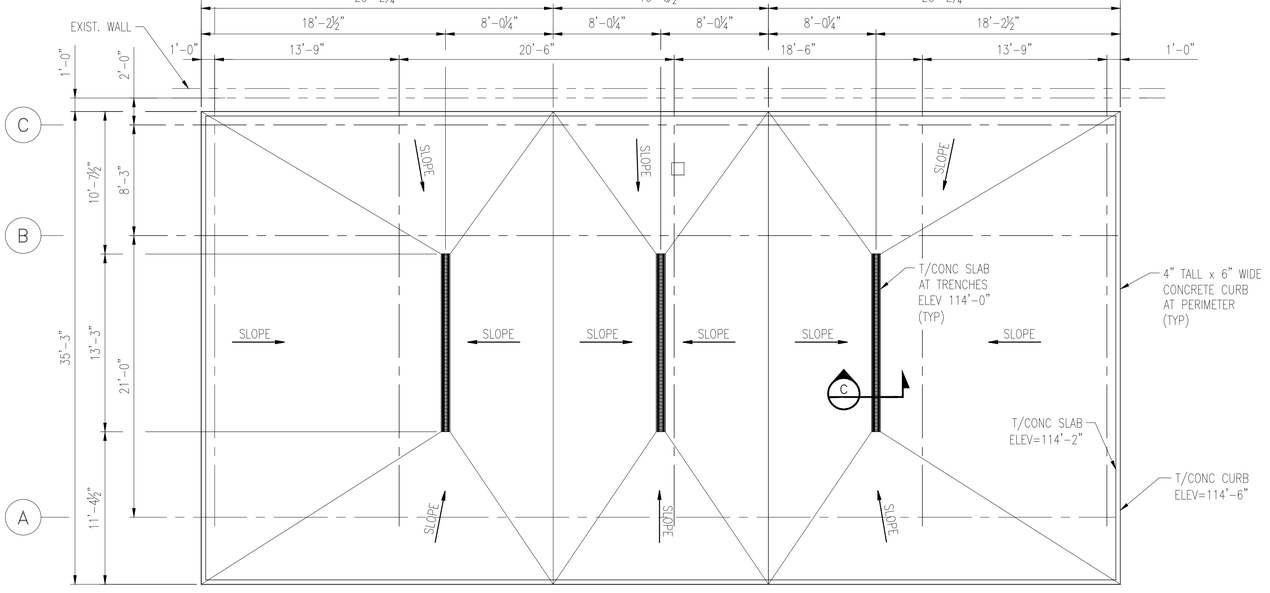
SECTION (B)

SCALE: 1 1/2"=1'-0"



SECTION (C)

SCALE: 1 1/2"=1'-0"



MEZZANINE AT EL 113'-6"

TRENCH AND DRAINAGE PLAN

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

NOTES

1. SEE DRAWING SCK-760001 FOR GENERAL NOTES.
2. TRENCH DRAINS TO BE 48" LONG "POLYCAST" 623 SERIES TRENCH DRAIN CHANNEL, INLAID WITH DURAGUARD 700 SERIES COMPOSITE FRAME DG700PE, DURAGUARD DUCTILE IRON SLOTTED GRATE DG0675HD. INSTALLATION CHAIRS DA0633, GRATING HOLD DOWN DEVICES DA0642BH AND ABS PLASTIC END CAPSDA0670 (FEMALE). NOTE THAT GRATES AND LOCKING DEVICES MUST BE IN PLACE PRIOR TO CONCRETE PLACEMENT.

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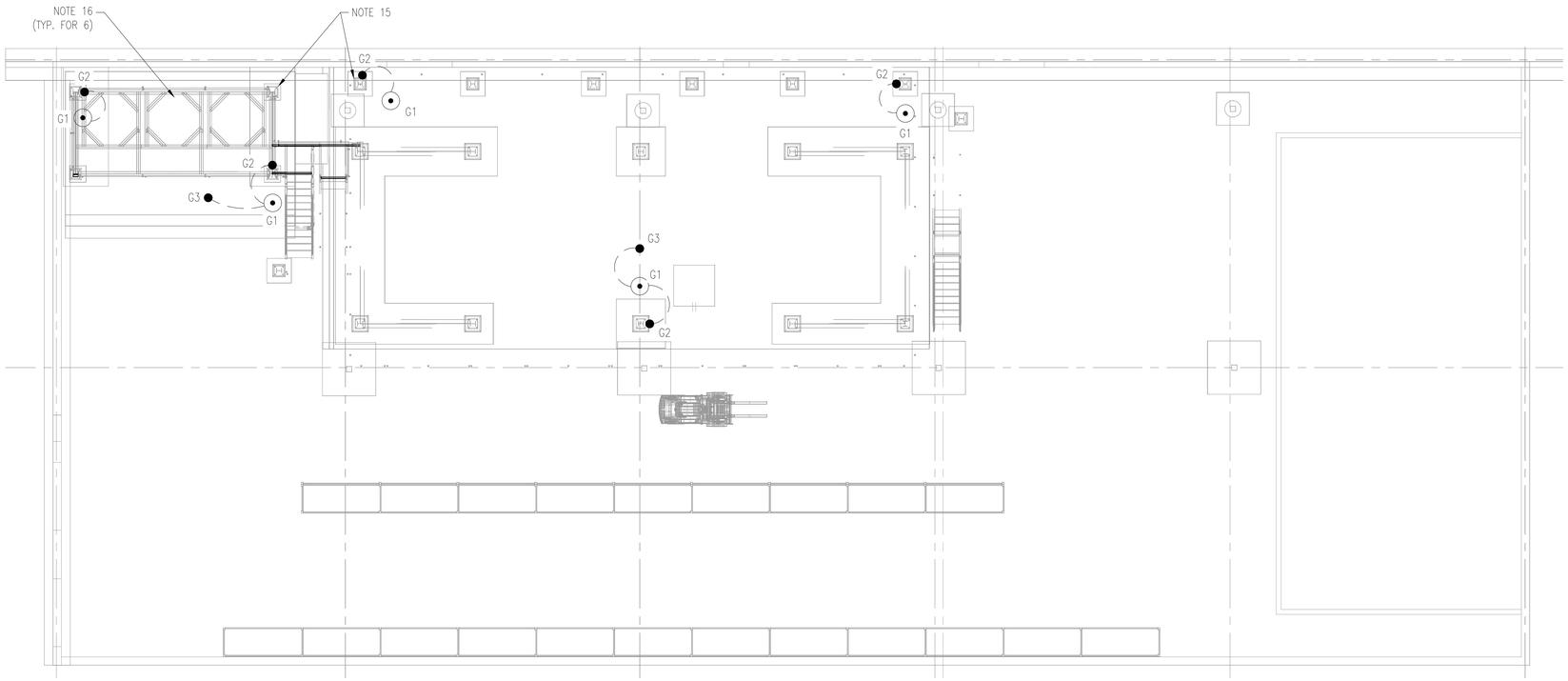
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DRAWN DATE	10/06/26
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SALT LAKE CITY PLANT
CONCRETE – MEZZANINE
TRENCH & DRAINAGE SECT. & DETS.

REV B | DWG NO. SCK-760009

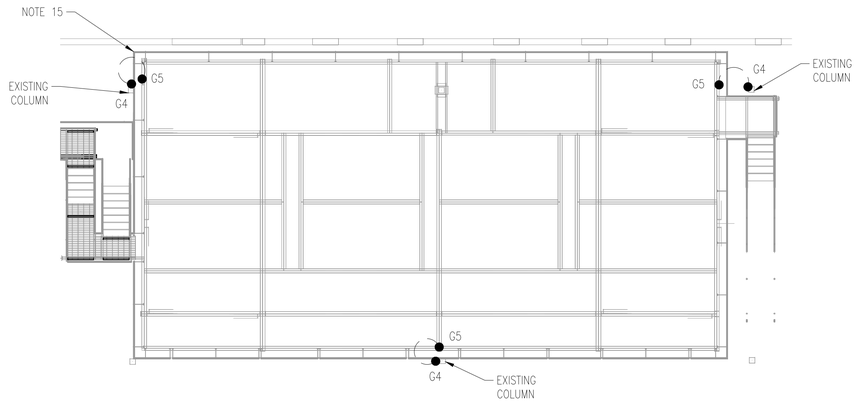
DATE PLOTTED 10/29/2026

REV A DWG NO. SCK-760011



MAIN PLANT WAREHOUSE PLAN VIEW

FIRST FLOOR



MAIN PLANT WAREHOUSE PLAN VIEW

MEZZANINE LEVEL

LEGEND

- #2/0 GROUND CONDUCTOR, BARE STRANDED CU
- GROUND ROD
- MECHANICAL OR COMPRESSION CONNECTION (HIGH COMPRESSION FOR UNDERGROUND)
- G# GROUNDING INSTALLATION DETAIL REFERENCE

GENERAL NOTES:

1. ELECTRICAL GROUNDING INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, LOCAL REQUIREMENTS AND FQH STANDARDS. ANY DEVIATION OR SUBSTITUTIONS IN EQUIPMENT, MATERIALS OR METHODS MUST HAVE THE FQH REPRESENTATIVES APPROVAL.
2. BOLTED CONNECTIONS SHALL BE CLEAN AND COATED WITH AN ANTI-OXIDIZING JOINT COMPOUND BETWEEN CONNECTING SURFACES. PAINT AND NON-CONDUCTIVE COATINGS SHALL BE REMOVED AT THE CONNECTION SURFACES FOR A METAL TO METAL CONNECTION. CONNECTION SURFACE OXIDATION SUCH AS RUST SHALL FIRST BE SANDED DOWN. DO NOT SAND GALVANIZED COATINGS.
3. SUFFICIENT SLACK SHALL BE PROVIDED WHERE GROUNDING CONDUCTORS EXIT THE GROUND TO ALLOW FOR COMPACTION AND EXPANSION OF THE SURROUNDING EARTH.
4. ALL GROUNDING AND BONDING CONDUCTORS SHALL BE TERMINATED WITH COMPRESSION TYPE CONNECTORS UNLESS INDICATED OTHERWISE. USE HIGH-COMPRESSION CONNECTORS FOR UNDERGROUND CONNECTIONS
5. WHERE ANY GROUNDING TAIL SHALL BE LEFT FOR TERMINATION LATER, IT MUST HAVE SUFFICIENT LENGTH TO CONNECT DIRECTLY TO COLUMN OR EQUIPMENT AND IT SHALL BE COILED AND PROTECTED.
6. WHERE INDICATED, GROUND CONDUCTORS PENETRATING THROUGH SLABS, PAVEMENT OR PLATFORMS SHALL BE PROTECTED BY 1" DIAMETER PVC CONDUIT PROJECTING 2" ABOVE AND 2" BELOW UNLESS INDICATED OTHERWISE ON DRAWINGS.
7. COMPLETED GROUND SYSTEM SHALL BE TESTED AND SHALL NOT EXCEED 5 OHMS RESISTANCE. ADDITIONAL GROUND RODS SHALL BE INSTALLED AT THE DISCRETION OF THE SITE ENGINEER IF TEST RESULTS ARE ABOVE THIS VALUE.
8. GROUND RODS SHALL BE DRIVEN TO A MINIMUM DEPTH OF 10 FEET, EXCEPT WHERE ROCK BOTTOM IS ENCOUNTERED. THE TOP OF ROD SHALL BE BELOW GRADE THE DISTANCE INDICATED IN THE INSTALLATION DETAILS.
9. LOCATION OF GROUND RODS & GROUNDING CABLE SHOWN ON PLAN DRAWING IS GENERAL UNLESS LOCATED BY DIMENSIONS. FIELD DETERMINE BEST LOCATION TO SUIT JOBSITE CONDITIONS & TO AVOID OBSTRUCTIONS.
10. GROUND CONDUCTORS EXPOSED ABOVE GRADE SHALL BE PROTECTED AND ROUTED TO PREVENT DAMAGE, AND AVOID TRIPPING HAZARDS, AND SHALL BE ADEQUATELY SUPPORTED A MINIMUM OF 3 FEET ON CENTER.
11. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CONNECTORS.
12. CONTRACTOR SHALL EXERCISE EXTREME CARE AND CONFIRM THE EXISTENCE OF ANY POTENTIAL UNDERGROUND HAZARDS WHEN EXCAVATING FOR GROUNDING OR DRIVING GROUND RODS.
13. CONDUCTOR SIZES SHALL BE AS INDICATED.
14. SEE GROUNDING INSTALLATION DETAILS FOR REFERENCE.
15. THE NEW STEEL STRUCTURE IS TO BE FABRICATED AND INSTALLED WITHOUT PAINT OR COATINGS UNDER THE BOLTS TO PROVIDE AN ELECTRICALLY CONTINUOUS STRUCTURE THAT IS USED AS THE COMMON BOND AMONG THE NEW GROUNDING ELECTRODES AND EQUIPMENT. GROUND CONDUCTORS SHALL BE INSTALLED TO BOND THE NEW STRUCTURE TO THE EXISTING BUILDING STEEL AS INDICATED TO FORM A SINGLE COMPLETE GROUND SYSTEM.
16. THE TANKS ARE TO BE GROUNDED BY WAY OF THE FASTENING BOLTS AND MATING SURFACES WHERE THE TANKS ARE MOUNTED TO THE GROUNDED STEEL STRUCTURE. ENSURE THAT THE PAINT AND COATINGS OF THE STEEL STRUCTURE ARE REMOVED AT THE MATING AND FASTENER SURFACES FOR AT LEAST TWO OF THE FASTENING POINTS.

JEPCO
Jöb EPC Company

26-3137 FQH

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10/28/26

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SALT LAKE CITY PLANT
ELECTRICAL
GROUNDING PLAN

REV B

DWG NO. SCK-760011

DATE PLOTTED 10/29/2026