

06:46 AM TUESDAY 11 APRIL 2023 | T:\JOBS\2022080 NIBLEY ROUNDABOUT\01 DRAWINGS\05 ELECTRICAL\SINE SOURCE PROJECT\SHEETS\EE001 ABBREVIATIONS, G.P.N., LEGEND & SHEET INDEX.DWG

GENERAL PROJECT NOTES

- ALL ELECTRICAL INSTALLATIONS TO CONFORM TO THE LATEST NEC AND LOCAL CODES.
- ELECTRICAL CONTRACTOR'S PROJECT MANAGER AND ON-SITE PROJECT FOREMAN SHALL REVIEW VENDOR SUBMITTALS FOR ACCURACY PRIOR TO SUBMITTING TO ENGINEER. INACCURACIES SHALL BE CORRECTED PRIOR TO ENGINEER SUBMITTAL.
- SUBMITTALS FOR EACH SYSTEM WILL BE REVIEWED BY ENGINEER UP TO TWO TIMES-ONE FULL SUBMITTAL FOR OVERALL COMPLIANCE AND ONE RESUBMITTAL. ADDITIONAL REVIEWS WILL BE CHARGED TO CONTRACTOR AT ENGINEER'S STANDARD BILLING RATE.
- SUBMITTALS TO ENGINEER SHALL INCLUDE ALL SPECIFIED SYSTEMS IN FIRST SUBMITTAL. PARTIAL SUBMITTALS WILL BE RETURNED TO CONTRACTOR AS INCOMPLETE AND WILL BE CONSIDERED ONE OF TWO INCLUDED SUBMITTAL REVIEWS.
- THE CLARITY OF RECORD DRAWING CHANGES MADE BY THE CONTRACTOR SHALL BE EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ARCHITECT OR THE RECORD SET WILL BE RETURNED TO THE CONTRACTOR FOR CLARIFICATION.
- WHEN THE GENERAL CONTRACT CALLS FOR "RECORD" OR "AS-BUILT" DRAWINGS TO BE FURNISHED BY THE CONTRACTOR AT JOB COMPLETION, THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO FURNISH A COMPLETE SET OF "BLUE-PRINT READY" AUTOCAD ELECTRICAL DRAWINGS FOR ALL CONTRACTOR GENERATED CHANGES FROM THE DRAWINGS OF A CLARITY EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ENGINEER. CONTACT ARCHITECT FOR DISKS OR REPRODUCIBLE ORIGINAL MEDIA. PROVIDE DRAWINGS ON CD IN AUTOCAD FORMAT.
- DO NOT SCALE ELECTRICAL FLOOR PLANS. SEE CIVIL DRAWINGS FOR ACCURATE DIMENSIONS.
- ELECTRICAL DEVICES CANNOT BE SHOWN TO SCALE AND SOMETIMES OVERLAP BUILDING AND ELEMENTS. FIELD VERIFY CONDITIONS PRIOR TO INSTALLATION. EMT IS NOT ALLOWED OUT OF DOORS.
- DO NOT INSTALL IN-GRADE JUNCTION BOXES UNLESS SPECIFICALLY SHOWN ON DRAWINGS. CONDUCTORS SHALL BE RUN CONTINUOUS WITHOUT SPLICING FROM SOURCE OR DEVICE TO NEXT DEVICE.
- CIRCUIT WIRING SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS. ANY DEVIATIONS SHALL BE INITIATED BY A CHANGE ORDER FROM THE ARCHITECT. OTHERWISE THE RECORD SET SHALL MATCH THE CONSTRUCTION SET.
- PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR, PULLED INTO THE CONDUIT WITH THE PHASE CONDUCTOR, IN ALL SERVICE, FEEDER, AND BRANCH CIRCUITS.
- ALL CIRCUITS TO BE MINIMUM #12 CU IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- MC CABLE IS NOT AN APPROVED ALTERNATE TO CONDUCTORS IN CONDUIT.
- REMOVE ALL OLD AND/OR UNUSED EXISTING CONDUIT AND ELECTRICAL APPARATUS FROM EXTERIOR OR INTERIOR EXPOSED SURFACES.
- WHERE EXISTING ELECTRICAL EQUIPMENT IS TO REMAIN BUT THE SURFACE THAT IT IS MOUNTED ON IS TO BE REWORKED UNDER OTHER CONTRACTS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND INSTALL OR MODIFY THE EXISTING EQUIPMENT AS REQUIRED TO MEET THE DESIGN INTENT. SEE ARCHITECTURAL DRAWINGS FOR ROOF, CEILINGS, WALLS, SOFFITS, FLOORS, ETC.
- REMOVE ALL UNUSED CONDUITS AND CIRCUITS IN THE DEMOLITIONED AREA AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- REMOVE ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND APPARATUS AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- RELOCATE EXISTING CONDUITS AND CIRCUITS AS REQUIRED THAT ARE PRESENTLY SERVING EQUIPMENT THAT IS INTENDED TO REMAIN IN SERVICE BUT SAID CONDUITS ARE CURRENTLY RUNNING THROUGH AREAS TO BE DEMOLITIONED.
- WHERE EXISTING CONDUIT RUNS ARE RE-USED BY SPECIAL PERMISSION FROM THE ARCHITECT, A SEPARATE GREEN, INSULATED GROUND WIRE SHALL BE PULLED IN THE CONDUIT AND BONDED AT EACH END AS REQUIRED.
- ALL PATCH, REPAIR, REPAINT AND COVER UP REQUIRED AS A RESULT OF ELECTRICAL REMODEL IS TO BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, BUT ACTUAL WORK IS TO BE PERFORMED BY QUALIFIED PERSONNEL.
- FIELD VERIFY CONDITIONS FOR NEW WIRING. SURFACE RACEWAYS MUST RECEIVE PRIOR APPROVAL FROM THE ARCHITECT BEFORE BID AND MUST BE PAINTED TO MATCH THE SURFACE ON WHICH THEY ARE MOUNTED.
- FIXTURE COUNTS SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY FIXTURE COUNTS AS PART OF BIDDING PROCESS.
- WHERE LIGHT FIXTURES AS SPECIFIED AS COLOR PER ARCHITECT, THIS SHALL BE INTERPRETED AS A NON-STANDARD COLOR.
- REVIEW THE STATE DESIGN REQUIREMENTS MANUAL PRIOR TO BID.
- REVIEW THE USU A&E DESIGN MANUAL PRIOR TO BID.
- WHERE THERE ARE CONFLICTS IN THE DRAWINGS AND/OR SPECIFICATIONS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO BID. WHERE NO NOTIFICATION IS GIVEN THE MORE STRINGENT INTERPRETATION (GENERALLY INTERPRETED TO BE THE MORE COSTLY) WILL BE ENFORCED.

ELECTRICAL LEGEND

ANNOTATIONS

	DETAIL CALL-OUT; TOP "X" REFERS TO DETAIL NUMBER & BOTTOM "XXX" REFERS TO SHEET NUMBER
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LIGHTING FIXTURES

	EMERGENCY LIGHT
	BATTERY PACK
	EMERGENCY FIXTURE
	WALL MOUNT FIXTURE
	POLE LIGHT, ONE HEAD
	POLE LIGHT, TWO HEAD
	DECORATIVE POLE LIGHT

BRANCH CIRCUITING

	DUPLEX OUTLET
	DUPLEX OUTLET: GROUND FAULT INTERRUPTER
	DUPLEX OUTLET: WEATHERPROOF
	DUPLEX OUTLET: WEATHERPROOF-IN-USE COVER
	JUNCTION BOX
	DISCONNECT, 22KAIC MINIMUM
	OVERCURRENT PROTECTIVE DISCONNECT
	QUANTITY OF CONDUCTORS: SHORT LINES = PHASE /SWITCH LONG LINES = NEUTRAL
	HOME-RUN

POWER AND DISTRIBUTION

	DISTRIBUTION PANEL
	PANELBOARD
	METER/METER SOCKET

SITE ELECTRICAL

	ABANDONED 3-PHASE UNDERGROUND PRIMARY POWER
	EXISTING 3-PHASE UNDERGROUND PRIMARY POWER
	3-PHASE UNDERGROUND PRIMARY POWER
	3-PHASE UNDERGROUND SECONDARY POWER
	EXISTING UNDERGROUND TELEPHONE
	UNDERGROUND TELEPHONE
	UNDERGROUND TV
	POINT OF DISCONNECTION
	POINT OF CONNECTION
	UTILITY POLE

SHEET INDEX

#	Sheet Title
EE001	ABBREVIATIONS, G.P.N., LEGEND & SHEET INDEX
EE002	ELECTRICAL SPECIFICATIONS
ES101	ELECTRICAL SITE PLAN - OVERALL
ES102	ELECTRICAL UTILITY PLAN - NEW
ES103	ELECTRICAL SITE PLAN
ES501	ELECTRICAL SITE DETAILS
ES502	ELECTRICAL SITE DETAILS
EP601	ELECTRICAL ONE-LINE DIAGRAM
EP602	ELECTRICAL SCHEDULES

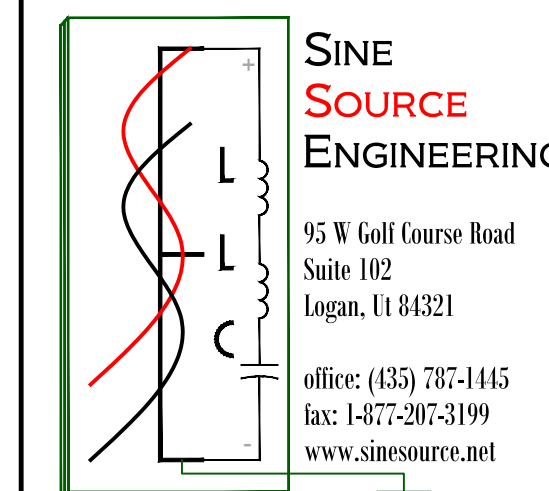
ELECTRICAL ABBREVIATIONS

A	AMPERE	LTG	LIGHTING
AF	AMP FUSE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MECH	MECHANICAL
AFI	ARC-FAULT CIRCUIT-INTERRUPTER	MFR	MANUFACTURER
AIC	AMPERE INTERRUPTING CAPACITY	MIN	MINIMUM
AL	ALUMINUM	MLO	MAIN LUGS ONLY
ARCH	ARCHITECT(URAL)	MTD	MOUNTED
AS	AMP SWITCH	NEC	NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAUGE	NECA	NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION
BLDG	BUILDING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BKBD	BACKBOARD	NEUT	NEUTRAL
C	CONDUIT	NFC	NATIONAL FIRE CODE
CAB	CABINET	NC	NORMALLY CLOSED
CAT	CATALOG/CATEGORY	NC	NORMALLY CLOSED
C/B	CIRCUIT BREAKER	NL	NIGHT LITE
CKT	CIRCUIT	NO	NORMALLY OPEN
CLG	CEILING	NTS	NOT TO SCALE
CO	CONDUIT ONLY	OCP	OVERCURRENT PROTECTION
COMM	COMMUNICATION	P	POLE
CONN	CONNECTION	PH	PHASE
CU	COPPER	PNL	PANEL
DEMO	DEMOLITION/DEMOLISH	PWR	POWER
DISC	DISCONNECT	QTY	QUANTITY
DN	DOWN	RECEP	RECEPTACLE
DWG	DRAWING	REQD	REQUIRED
EA	EACH	RGSC	RIGID GALVANIZED STEEL CONDUIT
ELEC	ELECTRICAL	RM	ROOM
ELEV	ELEVATOR	SCHED	SCHEDULE
EMER, EM	EMERGENCY	SECT	SECTION
EMT	ELECTRICAL METALLIC TUBING	SP	SINGLE POLE
EOLR	END OF LINE RESISTOR	SN	SOLID NEUTRAL
EQUIP	EQUIPMENT	SPEC	SPECIFICATION
EX, EXIST	EXISTING	SW	SWITCH
FBO	FURNISHED BY OTHERS	SWBD	SWITCHBOARD
FCU	FAN COIL UNIT	SWGR	SWITCH GEAR
FF	FINISHED FLOOR	SYS	SYSTEM
FIXT	FIXTURE	TEMP	TEMPORARY
FLEX	FLEXIBLE METALLIC CONDUIT (STEEL)	TELE	TELEPHONE
FLUOR	FLUORESCENT	XFMR	TRANSFORMER
FT	FEET OR FOOT	T-STAT	THERMOSTAT
GFI	GROUND FAULT INTERRUPTER	TWP	TWISTED PAIR
GND	GROUND	TWSP	TWISTED SHIELDED PAIR
HP	HORSEPOWER	TYP	TYPICAL
HVAC	HEATING, VENTILATING & AIR CONDITIONING	UBC	UNIFORM BUILDING CODE
IG	ISOLATED GROUND	UL	UNDERWRITERS LABORATORY
IMC	INTERMEDIATE METAL CONDUIT	UMC	UNIFORM MECHANICAL CODE
IN	(INCHES)	UNO	UNLESS NOTED OTHERWISE
ISC	SHORT CIRCUIT AMPERES, KA	V	VOLT OR VOLTAGE
JB, J-BOX	JUNCTION BOX	VA	VOLT AMPERE
KCML	THOUSAND CIRCULAR MILS	W	WATT
KVA	KILOVOLT AMPERE	W/	WITH
KW	KILOWATT	WG	WIRE GUARD
		WP	UL LISTED WEATHERPROOF, NEMA 3R or 4

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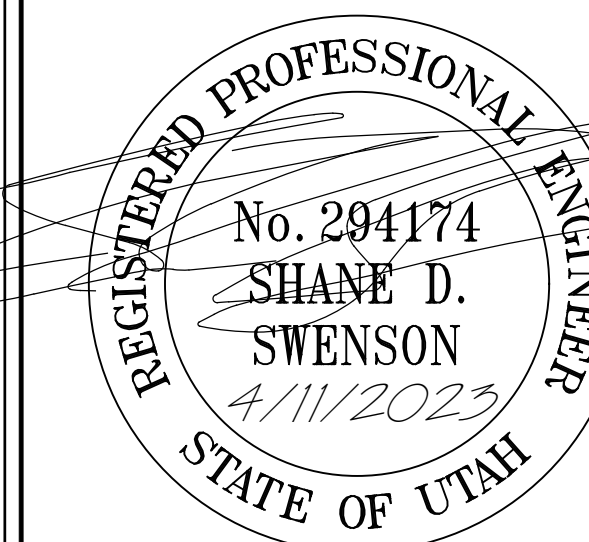
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NO.	DATE	DESCRIPTION

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DESIGN



PRINCIPAL : S.SWENSON
MANAGER : S.SWENSON
REVIEWER : S.SWENSON
DRAFTER : D.PATTON

PROJECT

2022080
14 DECEMBER 2022

1200 WEST REDESIGN

NIBLEY, UTAH, 84321

1 OF 9 ABBREVIATIONS, G.P.N., LEGEND & SHEET INDEX EE001

06:46 AM TUESDAY 11 APRIL 2023 | T:\JOBS\2022080 NIBLEY ROUNDABOUT\01 DRAWINGS\05 ELECTRICAL\SINE SOURCE PROJECT\SHEETS\ES101 ELECTRICAL SITE PLAN - OVERALL.DWG

A B C D E F G H I J K L M N O P

SHEET KEYED NOTES
 1. NOT USED.

GENERAL NOTES

- CIRCUIT ROUTING IS SCHEMATIC UNLESS OTHERWISE NOTED.
- COORDINATE ALL UTILITY INSTALLATIONS WITH LOCAL UTILITY REPS.
- COMPLY WITH ALL UTILITY REQUIREMENTS FOR NEW UTILITY INSTALLATIONS.
- CONDUIT AND CIRCUIT ROUTING INDICATED IS SCHEMATIC. CONTRACTOR SHALL DETERMINE BEST ROUTING FROM FIELD CONDITIONS.
- CUT, PATCH AND REPAIR EXISTING SURFACES AS NEEDED FOR NEW INSTALLATIONS.
- CONDUITS ALONG ALL "--UT--" PATHS SHOWN BY UTILITY.
- CONDUITS ALONG ALL "--UTV--" PATHS SHOWN BY UTILITY.
- PROVIDE (3/4") CONDUITS ALONG ALL "--3/4UP--" PATHS SHOWN UNLESS OTHERWISE INDICATED.
- CONTRACTOR SHALL CONTACT UTILITY COMPANIES AT BEGINNING OF PROJECT AND COORDINATE ONSITE MEETING WITH UTILITY, CITY REPRESENTATIVE AND ENGINEER TO REVIEW PROPOSED INSTALLATIONS.
- ALL POWER, TV AND TELEPHONE LINES TO BE RAN IN COMMON TRENCH WITH 1" SEPARATION BETWEEN POWER AND COMM LINES. REFER TO CIVIL DRAWINGS FOR LINE ROUTING.

CONTACT INFORMATION

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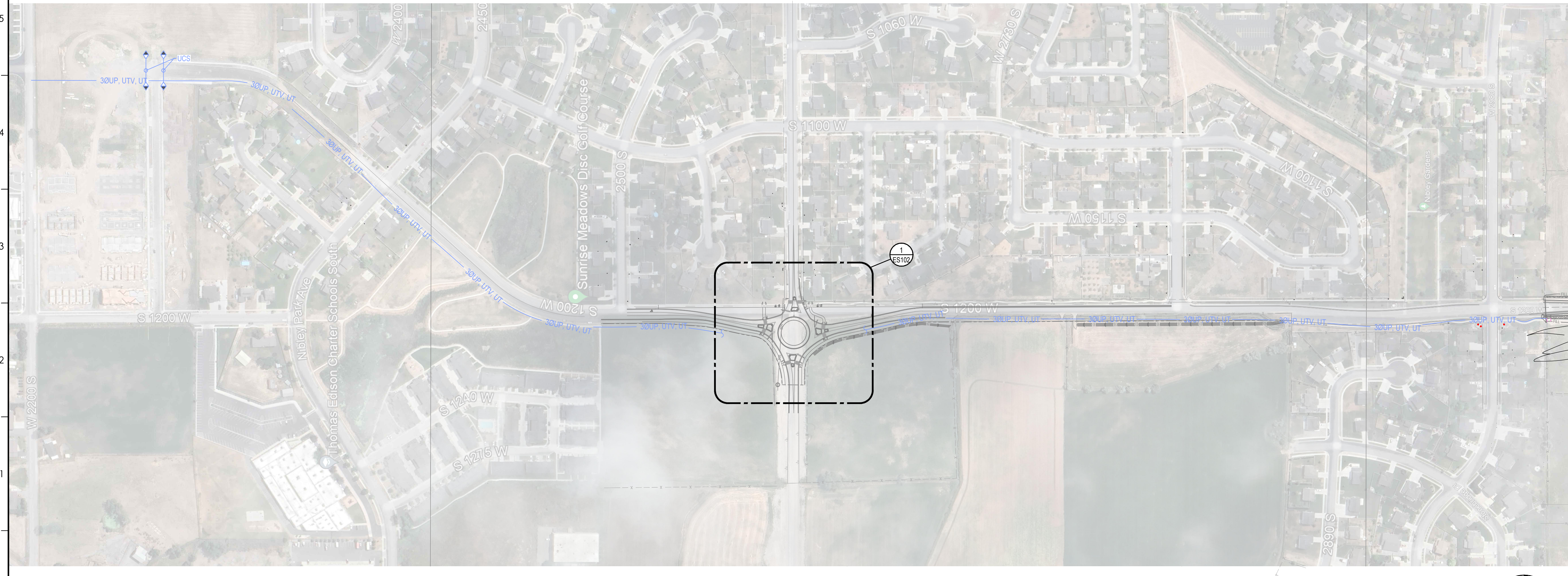
REGISTERED PROFESSIONAL ENGINEER
 No. 294174
 SHANE D. SWENSON
 4/11/2023
 STATE OF UTAH

PRINCIPAL : S.SWENSON
 MANAGER : S.SWENSON
 REVIEWER : S.SWENSON
 DRAFTER : D.PATTON

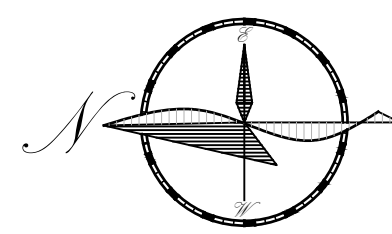
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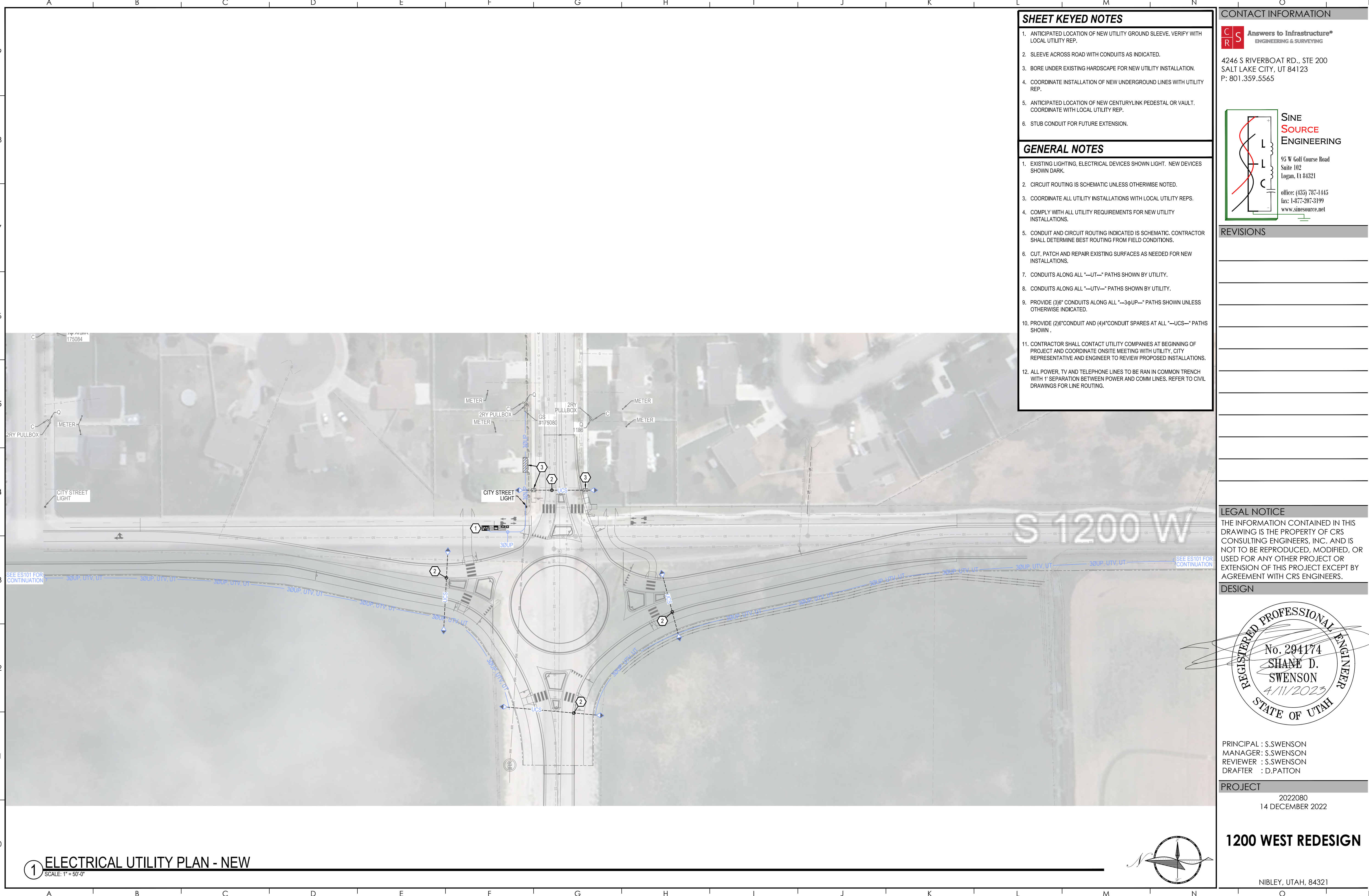
1 ELECTRICAL SITE PLAN - OVERALL
 SCALE: 1" = 200'-0"



A B C D E F G H I J K L M N O P

3 OF 9 ELECTRICAL SITE PLAN - OVERALL ES101

I:\JOBS\2022080 NIBLEY ROUNDABOUT\01 DRAWINGS\05 ELECTRICAL\SINE SOURCE PROJECT\SHEETS\ES102 ELECTRICAL UTILITY PLAN - NEW.DWG



1 ELECTRICAL UTILITY PLAN - NEW
SCALE: 1" = 50'-0"

SHEET KEYED NOTES

1. ANTICIPATED LOCATION OF NEW UTILITY GROUND SLEEVE. VERIFY WITH LOCAL UTILITY REP.
2. SLEEVE ACROSS ROAD WITH CONDUITS AS INDICATED.
3. BORE UNDER EXISTING HARDSCAPE FOR NEW UTILITY INSTALLATION.
4. COORDINATE INSTALLATION OF NEW UNDERGROUND LINES WITH UTILITY REP.
5. ANTICIPATED LOCATION OF NEW CENTURYLINK PEDESTAL OR VAULT. COORDINATE WITH LOCAL UTILITY REP.
6. STUB CONDUIT FOR FUTURE EXTENSION.

GENERAL NOTES

1. EXISTING LIGHTING. ELECTRICAL DEVICES SHOWN LIGHT. NEW DEVICES SHOWN DARK.
2. CIRCUIT ROUTING IS SCHEMATIC UNLESS OTHERWISE NOTED.
3. COORDINATE ALL UTILITY INSTALLATIONS WITH LOCAL UTILITY REPS.
4. COMPLY WITH ALL UTILITY REQUIREMENTS FOR NEW UTILITY INSTALLATIONS.
5. CONDUIT AND CIRCUIT ROUTING INDICATED IS SCHEMATIC. CONTRACTOR SHALL DETERMINE BEST ROUTING FROM FIELD CONDITIONS.
6. CUT, PATCH AND REPAIR EXISTING SURFACES AS NEEDED FOR NEW INSTALLATIONS.
7. CONDUITS ALONG ALL "--UT--" PATHS SHOWN BY UTILITY.
8. CONDUITS ALONG ALL "--UTV--" PATHS SHOWN BY UTILITY.
9. PROVIDE (3/8") CONDUITS ALONG ALL "--3φUP--" PATHS SHOWN UNLESS OTHERWISE INDICATED.
10. PROVIDE (2/6") CONDUIT AND (4/4") CONDUIT SPARES AT ALL "--UCS--" PATHS SHOWN.
11. CONTRACTOR SHALL CONTACT UTILITY COMPANIES AT BEGINNING OF PROJECT AND COORDINATE ONSITE MEETING WITH UTILITY, CITY REPRESENTATIVE AND ENGINEER TO REVIEW PROPOSED INSTALLATIONS.
12. ALL POWER, TV AND TELEPHONE LINES TO BE RAN IN COMMON TRENCH WITH 1' SEPARATION BETWEEN POWER AND COMM LINES. REFER TO CIVIL DRAWINGS FOR LINE ROUTING.

CONTACT INFORMATION

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REVISIONS

No.	Description

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DESIGN

REGISTERED PROFESSIONAL ENGINEER
No. 294174
SHANE D. SWENSON
4/11/2023
STATE OF UTAH

PRINCIPAL : S.SWENSON
MANAGER : S.SWENSON
REVIEWER : S.SWENSON
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PROJECT
2022080
14 DECEMBER 2022

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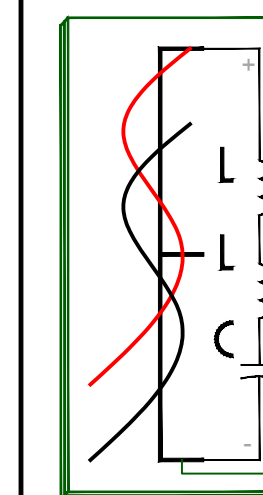
4 OF 9 ELECTRICAL UTILITY PLAN - NEW ES102

06:47 AM TUESDAY 11 APRIL 2023 | T:\JOBS\2022080 NIBLEY ROUNDABOUT\01 DRAWINGS\05 ELECTRICAL\SINE SOURCE PROJECT\SHEETS\ES501 ELECTRICAL SITE DETAILS.DWG

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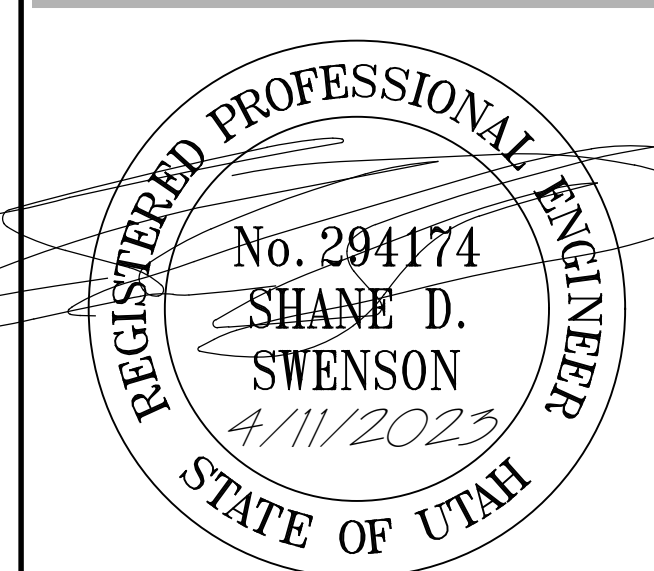
REVISIONS

Table with 2 columns: No., Description. Contains 2 revision entries.

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DESIGN



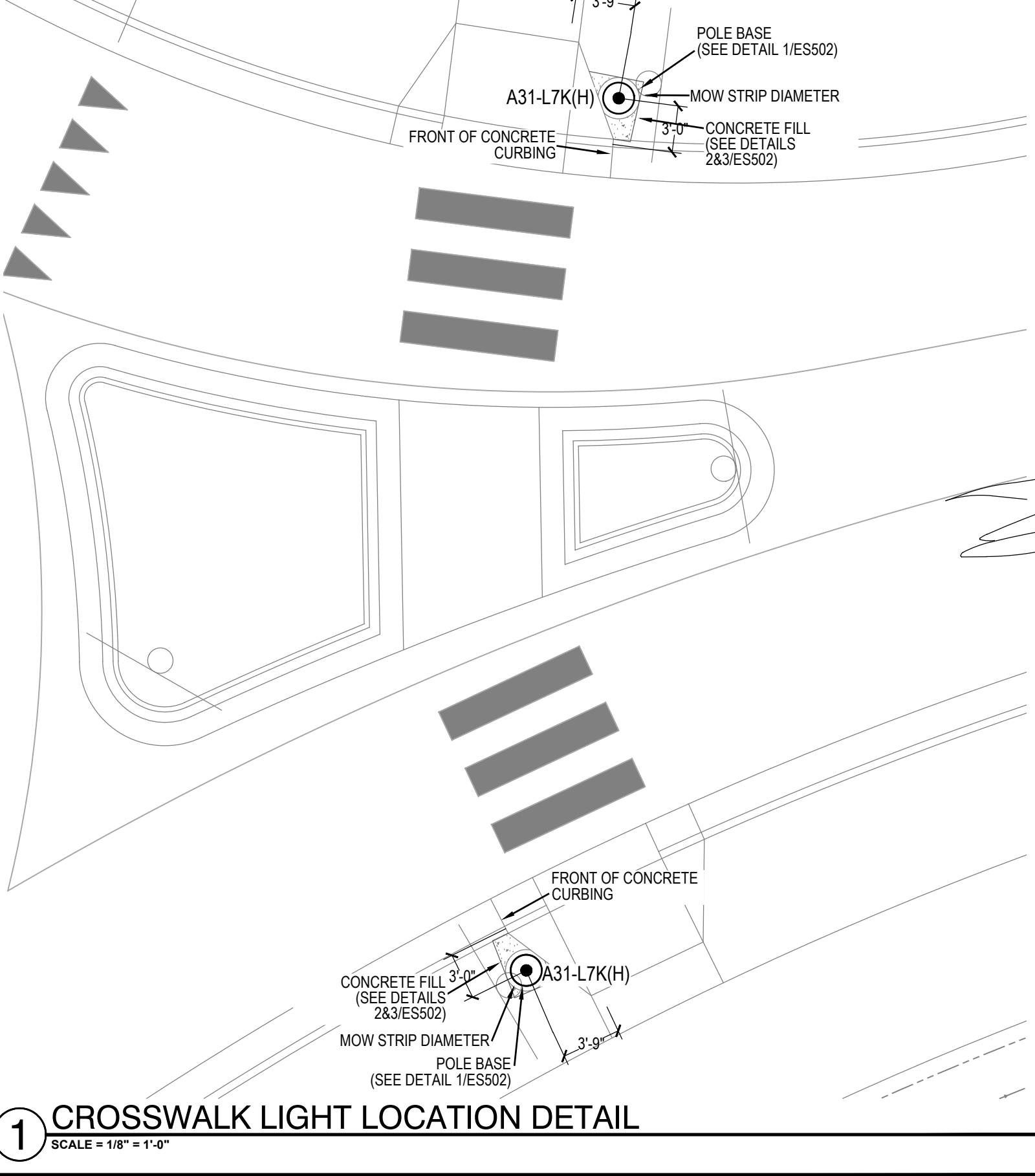
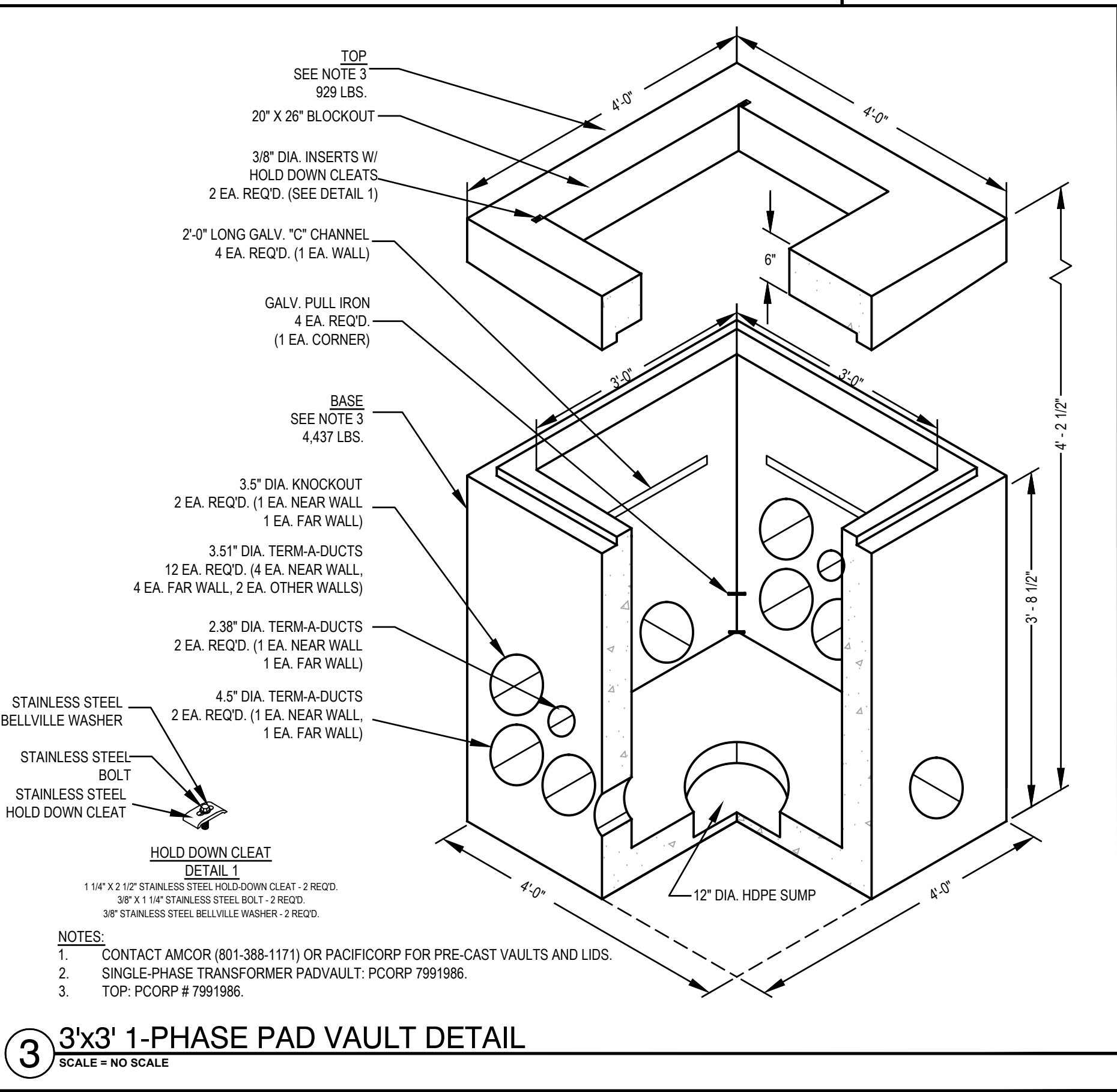
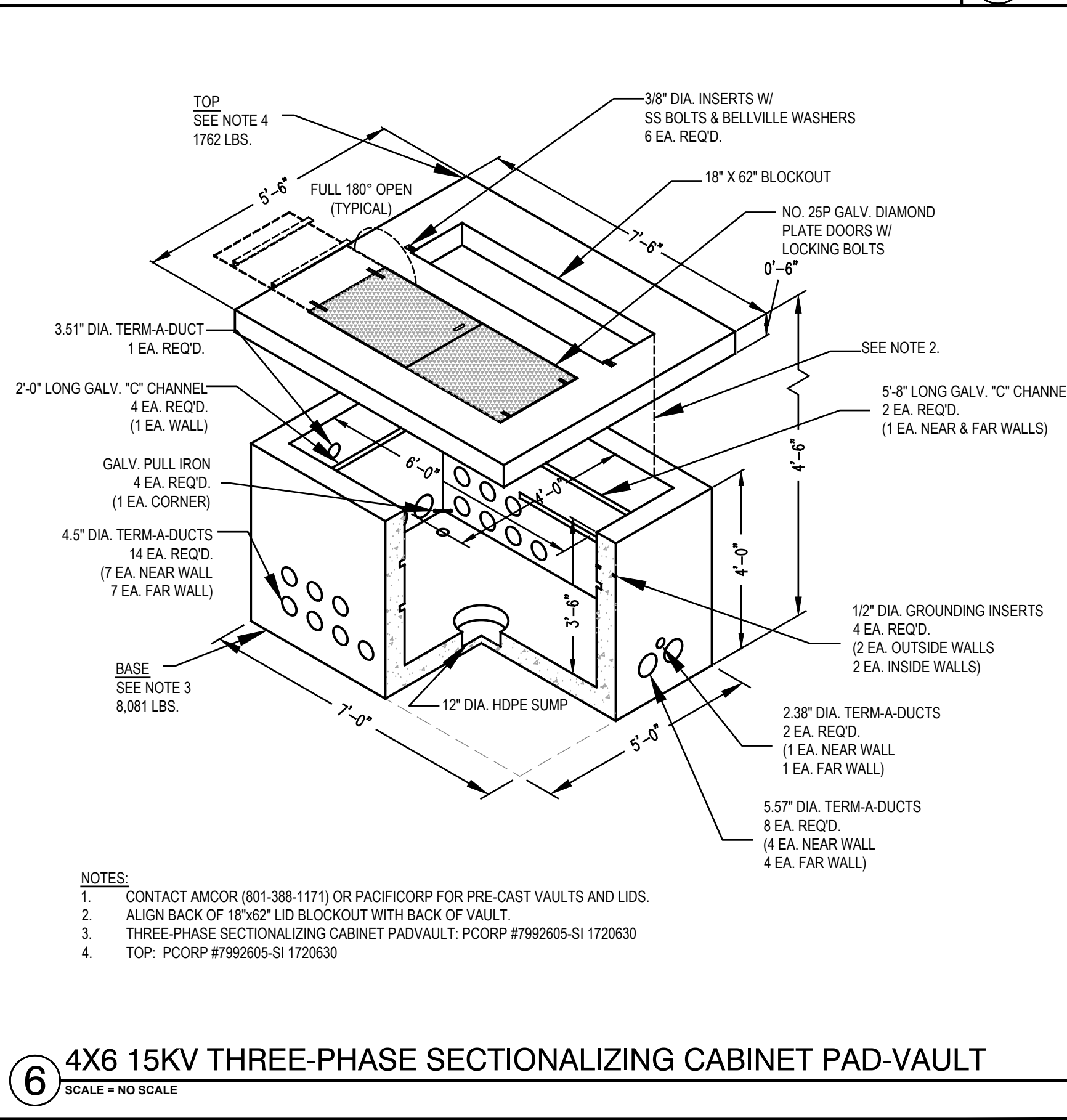
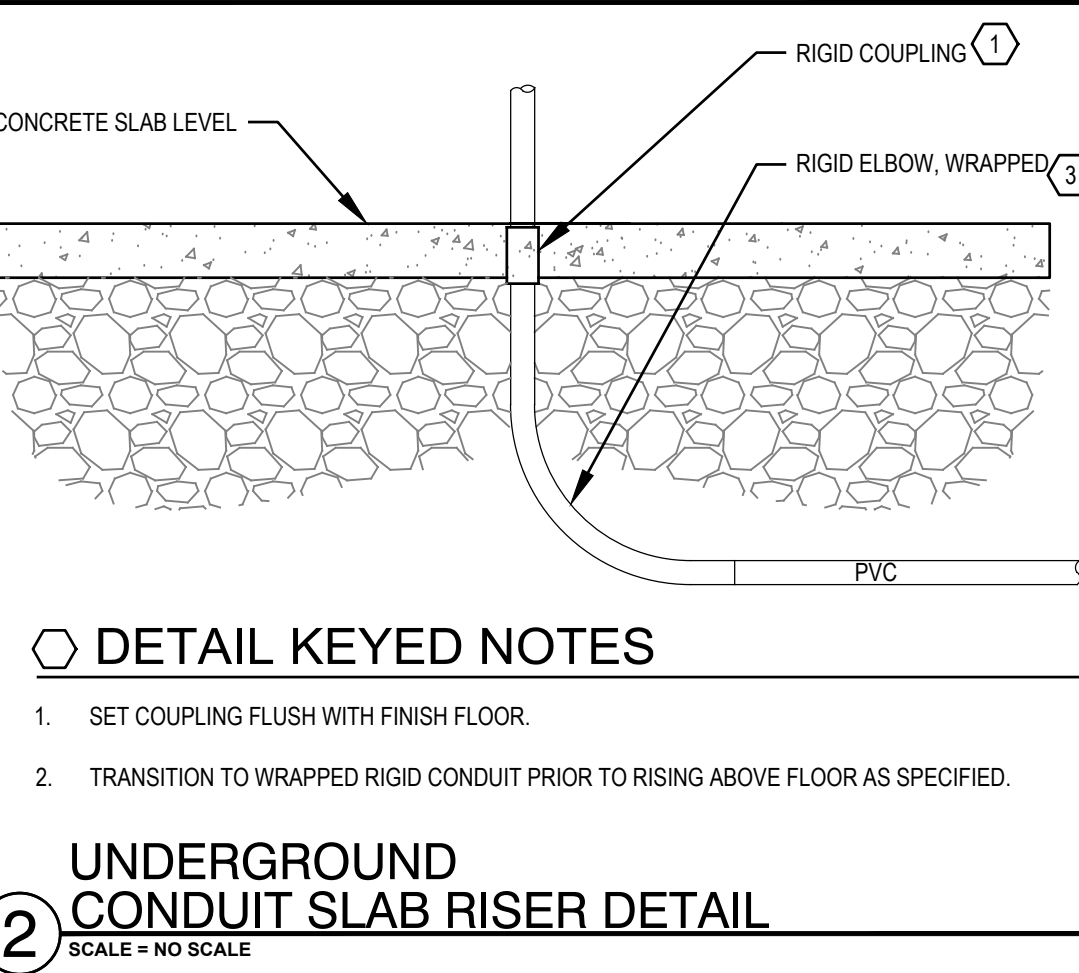
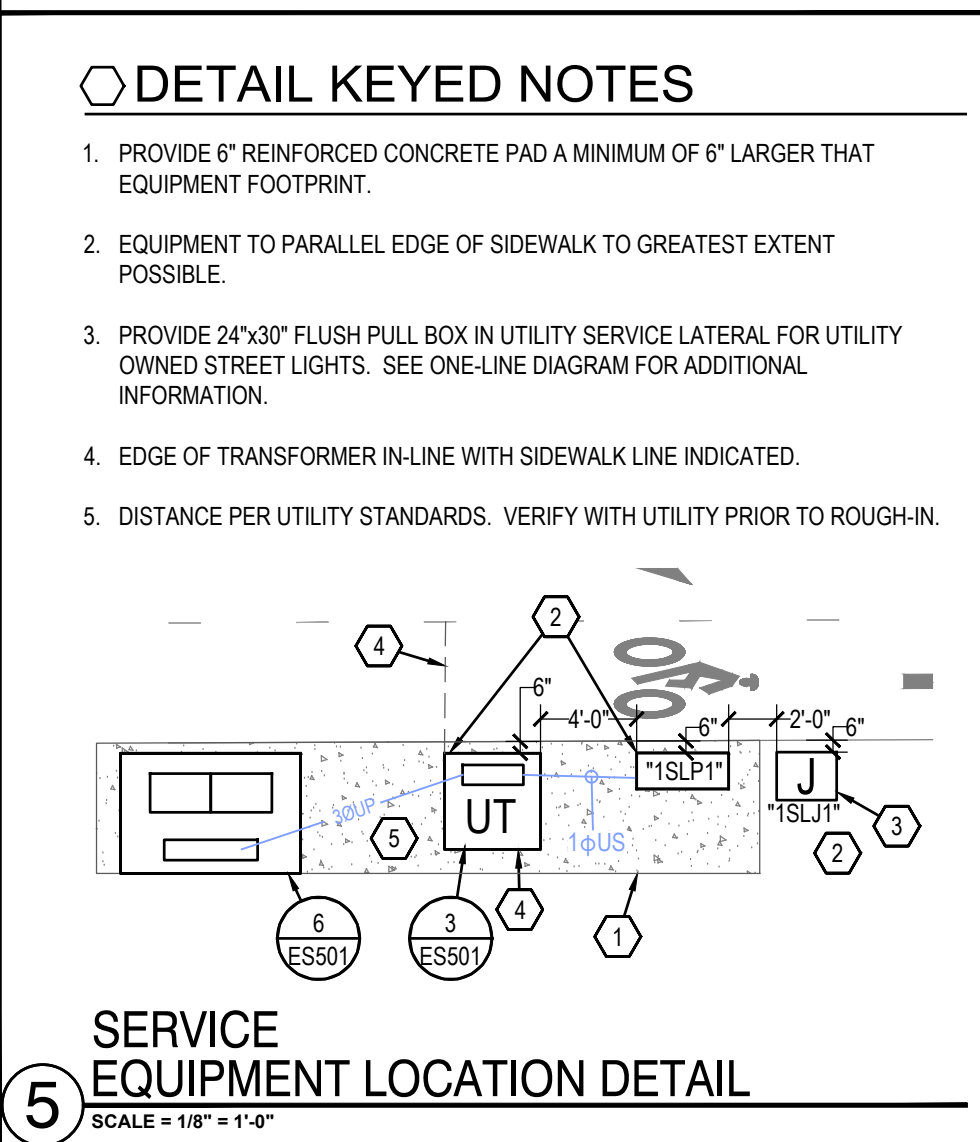
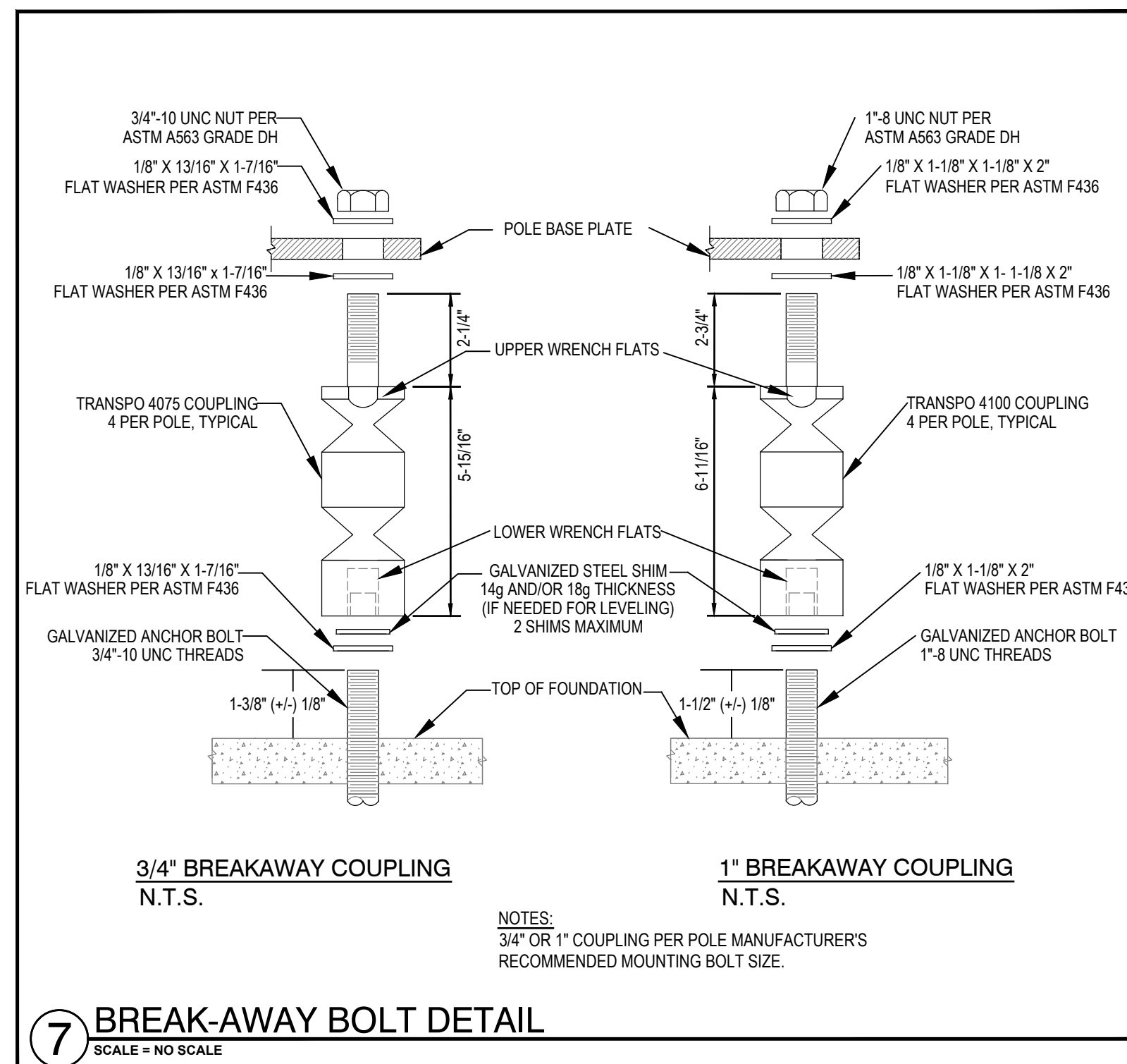
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PROJECT

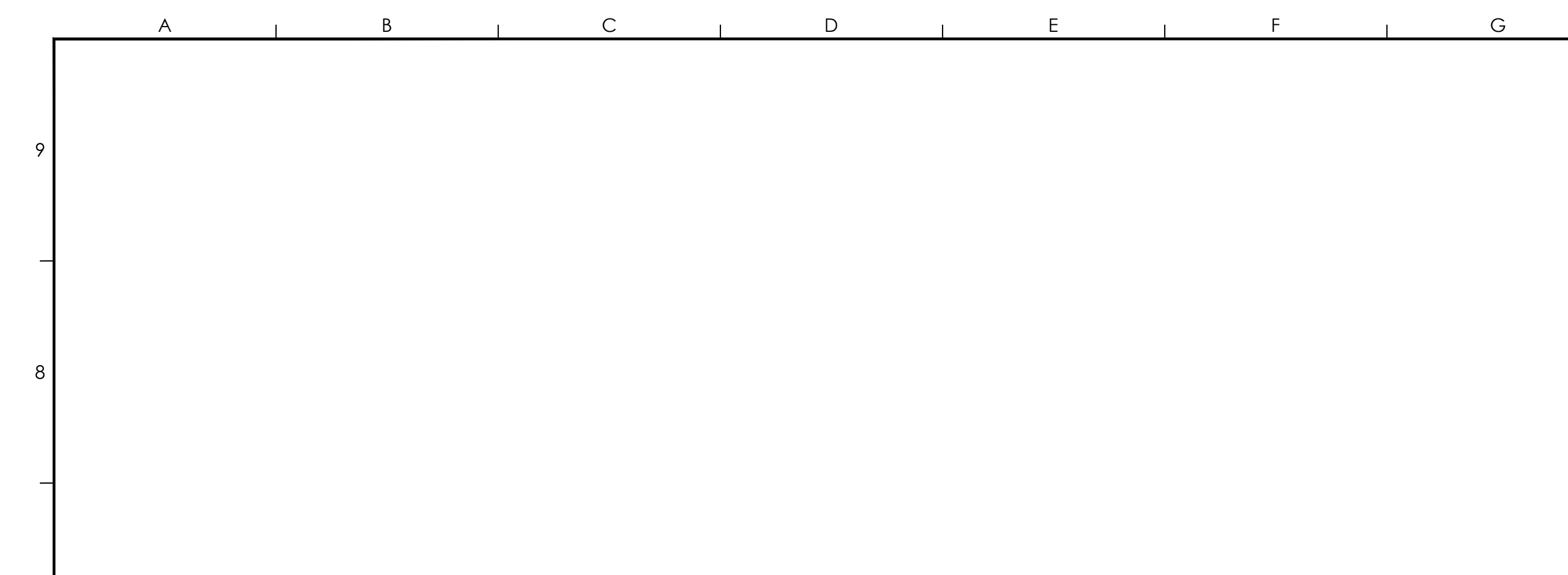
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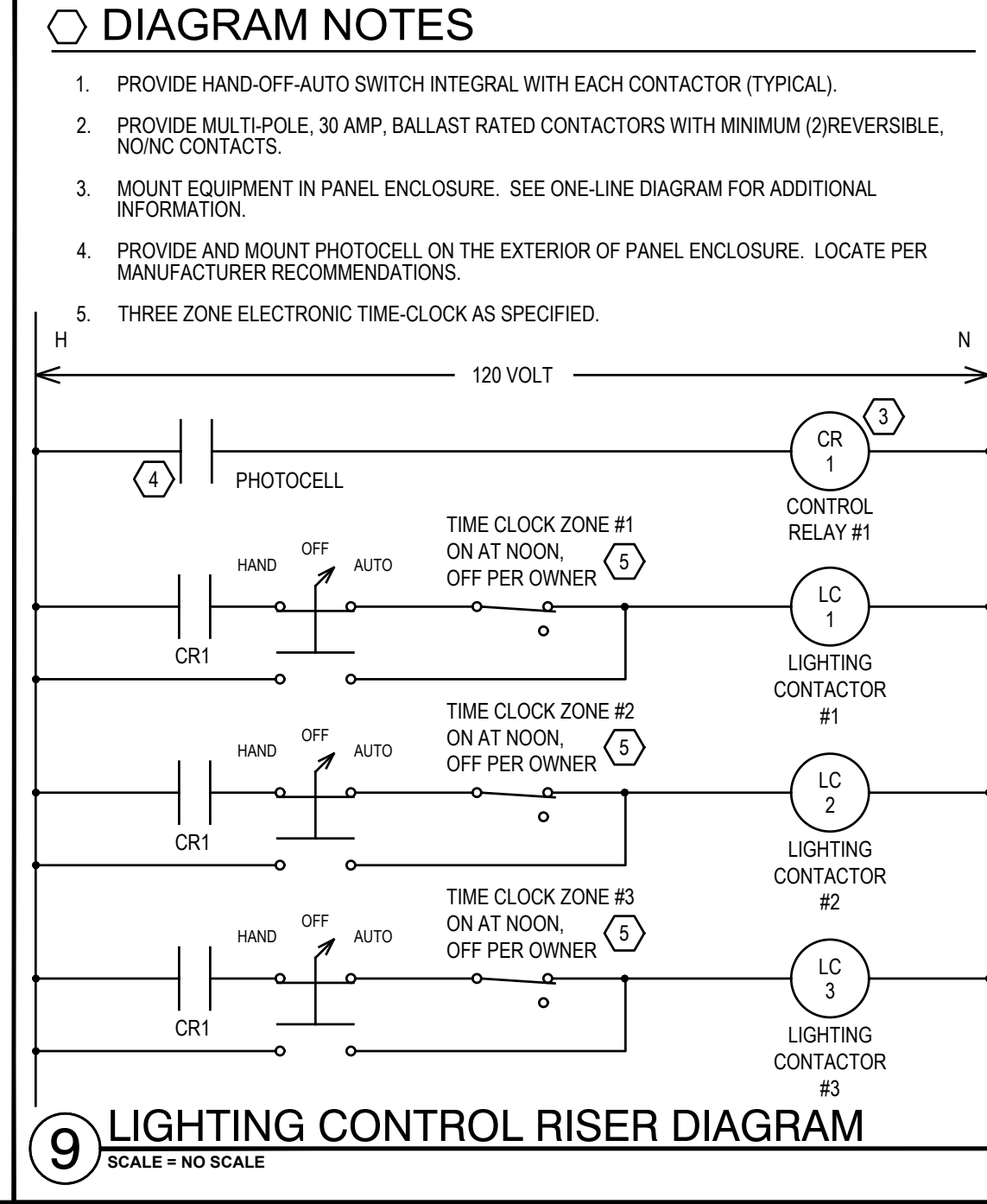
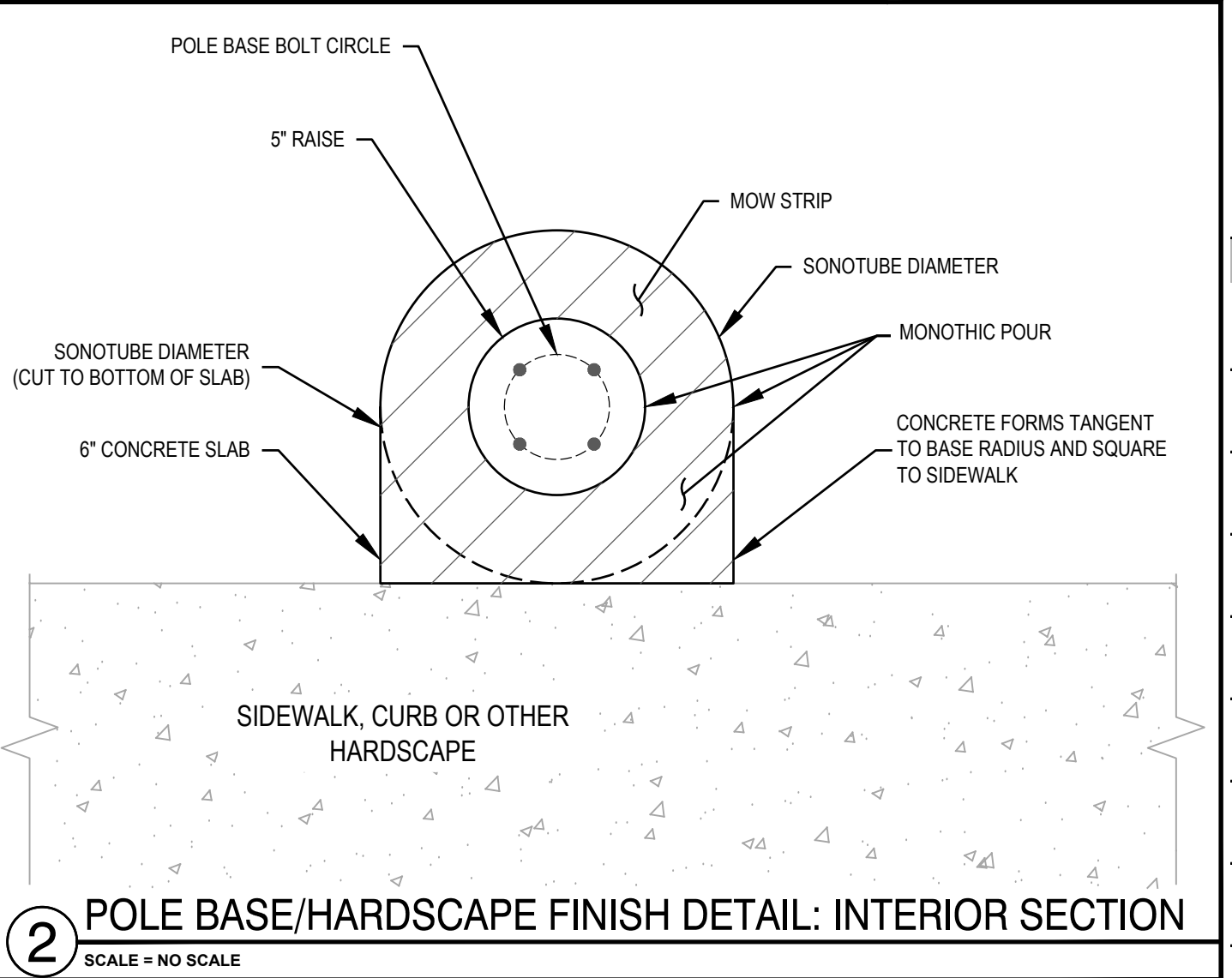
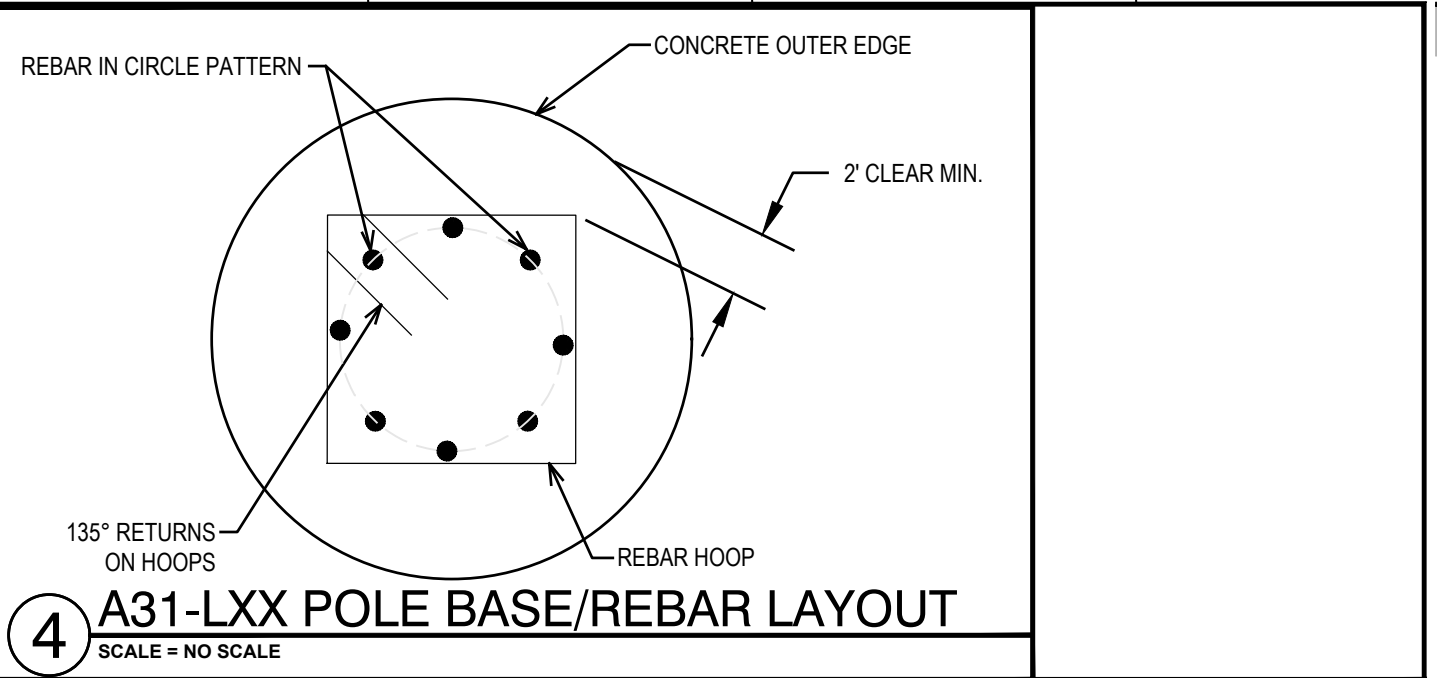
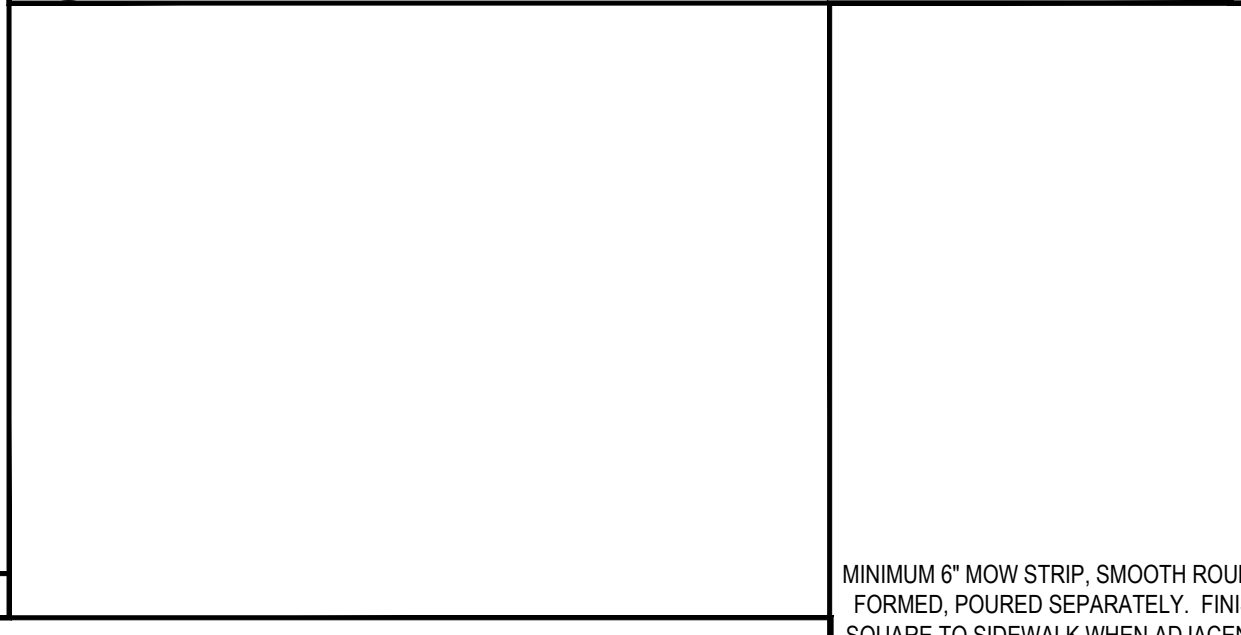
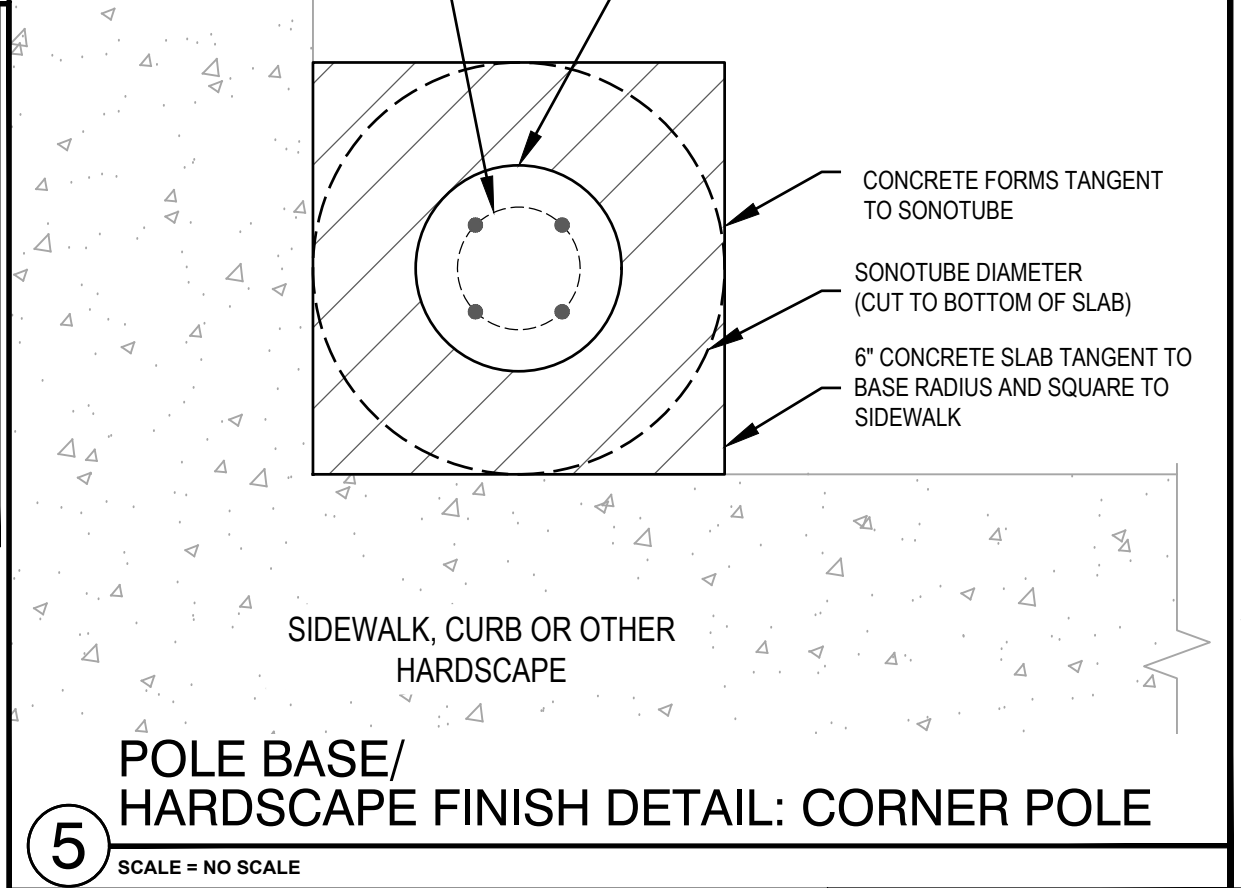
NIBLEY, UTAH, 84321



6 OF 9 ELECTRICAL SITE DETAILS ES501



- GENERAL DETAIL NOTES**
- THE ANCHOR BOLT FOUNDATION SHALL BE INSTALLED BY CONTRACTOR. FOUNDATIONS SHALL BE LOCATED WITH THE VERTICAL CENTER LINE APPROXIMATELY 24 INCHES BACK FROM THE CURB EDGE.
 - THE NUMBER AND ORIENTATION OF THE PLASTIC CONDUITS ARE INFLUENCED BY THE UNDERGROUND CIRCUIT ROUTE AND SHOULD BE DETERMINED IN EACH INDIVIDUAL LOCATION FOR THE MOST PRACTICAL SOLUTION.
 - ANCHOR BOLTS SHALL BE FURNISHED WITH 6 INCHES MINIMUM THREAD LENGTH AND SHALL BE HOT-DIP GALVANIZED.
 - FOUNDATIONS SPECIFIED IN THIS STANDARD ARE DESIGNED FOR USE WITH THE STANDARD 11 GAUGE (OR 10 GA) METAL STREETLIGHT POLES FOR MAST ARM HEIGHTS UP TO 36 FEET. THIS STANDARD SHOULD NOT BE APPLIED IN LOCATIONS WHICH REQUIRE A POLE OF HIGHER STRENGTH (DEADEND POLE; COMBINATION STREETLIGHT AND TRAFFIC SIGNAL POLES, ETC.).
- DETAIL KEYED NOTES**
- 6146906 Rod, ground, 5/8" x 8"
 - 6628101 Conduit, flexible, 1-1/4"
 - 6204200 Bolt, anchor, 1" x 3/8" with 4" hook, galvanized
 - 0293365 Concrete, 5 Bag Mix
 - 4518007 Conductor, #6 Copper
 - 6113807 Ground Rod Clamp
 - 7991349 Pre-cast Concrete Base, 14" x 14" x 60", 750 lbs.



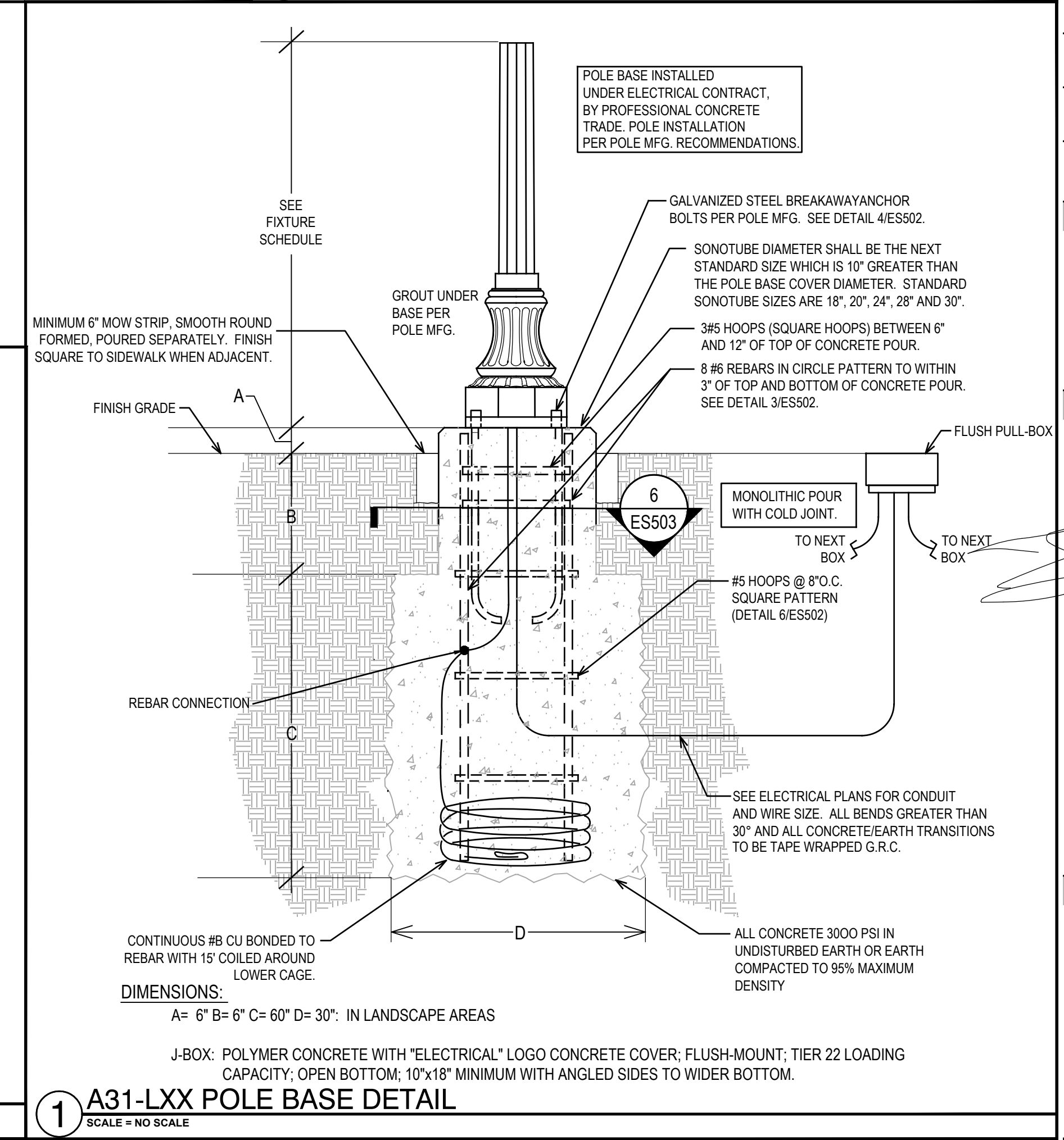
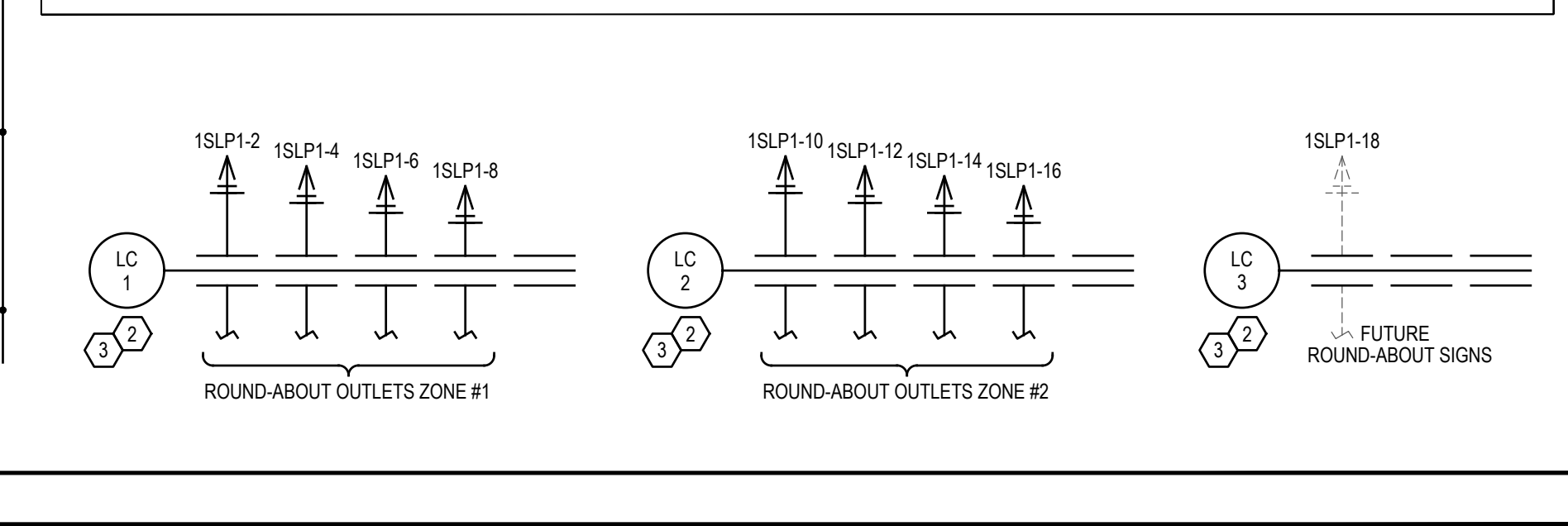
RELAY PANEL SCHEDULE

RELAY PANEL		FEEDS		REMARKS				LOCATION		MOUNTING	
No.	RELAY	CONTROLLED CKT	INDIVIDUAL MAIN LUGS	CONTROL ZONE	CONTROL TYPE (SEE SCHEDULE)	No.	No.	CONTROL TYPE (SEE SCHEDULE)	CONTROL ZONE	CONTROLLED CKT	RELAY
1	20	1				1	2			20	1
3	20	1				3	4			20	1
5	20	1				5	6			20	1
7	20	1				7	8			20	1
9	20	1				9	10			20	1
11	20	1				11	12			20	1
13	20	1				13	14			20	1
15	20	1				15	16			20	1

RELAY PANEL: 1LC1

MAX VOLTAGE: _____
MAX PHASE: _____

CONTROL TYPES:
CLK = TIMECLOCK
SW = SWITCH (1, 3, OR 4)
OVER = 2-HOUR TIMED OVERRIDE ON PHOTO = PHOTOCELL



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REVISIONS

No.	Description

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DESIGN

REGISTERED PROFESSIONAL ENGINEER
No. 294174
SHANE D. SWENSON
4/11/2023
STATE OF UTAH

PRINCIPAL : S.SWENSON
MANAGER : S.SWENSON
REVIEWER : S.SWENSON
DRAFTER : D.PATTON

PROJECT

2022080
14 DECEMBER 2022

1200 WEST REDESIGN

NIBLEY, UTAH, 84321

I:\JOBS\2022080 NIBLEY ROUNDABOUT\01 DRAWINGS\05 ELECTRICAL\SINE SOURCE PROJECT\SHEETS\ES502 ELECTRICAL SITE DETAILS.DWG | 06:47 AM TUESDAY 11 APRIL 2023

7 OF 9 ELECTRICAL SITE DETAILS ES502

