

ADMINISTRATIVE AMENDMENT

FILE #: _____ PROJECT #: _____

APPROVED BY


DATE

INS



DESIGNED BY: DMR
DRAWN BY: DMP
CHECKED BY: KEW
DATE: 09/14/2022

NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106
COVER SHEET


PROJECT NO.
196408000
SHEET
CV

GENERAL CONSTRUCTION NOTES		ELECTRICAL NOTES		GENERAL SITE WORK NOTES									
<p>FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY GENERAL CONTRACTOR: POWERHOUSE CONSTRUCTION OWNER: ELECTRIFY AMERICA</p> <ol style="list-style-type: none">ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS.ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.THE CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. THE CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, AND D) TRENCHING & EXCAVATION.ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.THE CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.		<ol style="list-style-type: none">ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY 'CONSTRUCTION MANAGER' AS SOON AS POSSIBLE, AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE 'CONSTRUCTION MANAGER' HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:<ol style="list-style-type: none">UL - UNDERWRITERS LABORATORIESNEC - NATIONAL ELECTRICAL CODE 2022NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.OSHA - OCCUPATIONAL SAFETY AND HEALTH ACTSBC - STANDARD BUILDING CODENFPA - NATIONAL FIRE PROTECTION ASSOCIATIONDO NOT SCALE ELECTRICAL DRAWINGS, REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, BUT CONFIRM WITH 'CONSTRUCTION MANAGER' ANY SIZES AND LOCATIONS WHEN NEEDED.EXISTING SERVICES: THE CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.THE CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. THE CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING THE EQUIPMENT.THE CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC. ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER OR ALUMINUM WITH TYPE (THWN-2) INSULATION, 600 VOLT, COLOR CODED UNLESS SPECIFIED DIFFERENTLY ON DRAWINGS.ALL (THWN-2) WIRING INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL AND SUBJECT TO REGULATORY INSPECTION AND APPROVAL BY CONSTRUCTION MANAGER.MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IEEE.CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURERS CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES.DISCONNECT SWITCHES SHALL BE H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.ALL CONNECTIONS EXCEPT THE EV CHARGE CABLE TERMINATION IN THE CHARGE POST SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND SUCH AS "NOALOX" BY IDEAL INDUSTRIAL INC., COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED ALUMINUM & COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.ALL EXTERIOR AND INTERIOR ABOVE GROUND CONDUIT SHALL BE RIGID UNLESS SPECIFIED OTHERWISE. ALL BURIED CONDUITS SHALL BE SCH 40 PVC UNLESS SPECIFIED OTHERWISE.RACEWAYS: CONDUIT SHALL BE SCHEDULE 40 PVC, MEETING OR EXCEEDING NEMA TC2 - 1990. THE CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 3 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITE ZINC' OR 'GOLD GALV'.SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.THE CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL SERVICE CONDUITS. CAUTION TAPE TO READ "CAUTION BURIED ELECTRIC".WHEN DIRECTIONAL BORING IS REQUIRED, CONTRACTOR SHALL INSTALL A LOOSE TONING WIRE WITHIN INSTALLED CONDUIT TO ALLOW FOR IDENTIFICATION OF UNDERGROUND CONDUITS.ALL BOLTS SHALL BE STAINLESS STEEL.		<p><u>PART 1 - GENERAL</u> CLEARING, GRUBBING, STRIPPING, EROSION CONTROL, SURVEY, LAYOUT, SUBGRADE PREPARATION AND FINISH GRADING AS REQUIRED TO COMPLETE THE PROPOSED WORK SHOWN IN THESE PLANS.</p> <ol style="list-style-type: none">REFERENCES:<ol style="list-style-type: none">NMDOT (STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION-CURRENT EDITION).ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS).OSHA (OCCUPATION SAFETY AND HEALTH ADMINISTRATION).INSPECTION AND TESTING:<ol style="list-style-type: none">GENERAL CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. PERFORM INSPECTIONS BEFORE CONCEALING WORK WITH FOLLOW-ON ACTIVITIES (BACKFILL, CONCRETE POUR, ETC).SITE MAINTENANCE AND PROTECTION:<ol style="list-style-type: none">PROVIDE ALL NECESSARY JOB SITE MAINTENANCE FROM COMMENCEMENT OF WORK UNTIL COMPLETION OF THE CONTRACT.AVOID DAMAGE TO THE SITE AND TO EXISTING FACILITIES, STRUCTURES, TREES, AND SHRUBS DESIGNATED TO REMAIN. TAKE PROTECTIVE MEASURES TO PREVENT EXISTING FACILITIES THAT ARE NOT DESIGNATED FOR REMOVAL FROM BEING DAMAGED BY THE WORK.KEEP SITE FREE OF ALL PONDING WATER.PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE DOT, LOCAL PERMITTING AGENCY AND EPA REQUIREMENTS.PROVIDE AND MAINTAIN ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT AGAINST THEFT FROM PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL SUCH DEVICES UPON COMPLETION OF THE WORK.EXISTING UTILITIES: DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN PERMITTED IN WRITING BY THE CONSTRUCTION MANAGER AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.PROVIDE A MINIMUM 48-HOUR NOTICE TO THE CONSTRUCTION MANAGER AND RECEIVE WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY SERVICE.SOD PLANTED IN THE FALL MUST ESTABLISH ITS ROOTS BEFORE THE FIRST WINTER FROST. DETERMINE WHEN THE FIRST FROST USUALLY OCCURS, AND PLANT THE SOD NO LATER THAN ONE MONTH BEFORE THE FIRST FROST. IF THE CONSTRUCTION IS FINISHED LATER THAN ONE MONTH BEFORE THE FIRST FROST, USE STRAW UNTIL SOD CAN BE INSTALLED. <p><u>PART 2 - PRODUCTS</u></p> <ol style="list-style-type: none">SUITABLE MATERIAL – SUITABLE MATERIAL ARE USED FOR GRADING AND BACKFILL. SUITABLE MATERIALS ARE ON SITE SOILS REMOVED FROM EXCAVATIONS THAT EXCLUDE FROZEN SOIL, ROOTS OR ORGANIC MATERIAL, DEBRIS, TRASH, REFUSE, OR PARTICLES SIZE GREATER THAN 3-INCH. SUITABLE SOILS HAVE MOISTURE CONTENTS THAT ALLOW THEM TO BE COMPACTED TO THE SAME DENSITY AS THE NATIVE SOILS.UNSUITABLE MATERIAL – SOILS THAT ARE FROZEN, CONTAIN ROOTS OR ORGANIC MATERIAL, DEBRIS, TRASH, REFUSE, OR PARTICLES SIZES GREATER THAN 3-INCH. SOILS THAT ARE TOO WET OR TOO DRY TO BE COMPACTED TO THE SAME DENSITY AS THE NATIVE SOILS ARE UNSUITABLE.GRANULAR BACKFILL – SHALL MEET THE FOLLOWING GRADATION <table><tr><th>SIEVE SIZE</th><th>TOTAL PERCENT PASSING</th></tr><tr><td>1 1/2 INCH (37.5 MM)</td><td>100</td></tr><tr><td>NO. 4 (4.75 MM)</td><td>30 TO 60</td></tr><tr><td>NO 200 (0.075 MM)</td><td>3 TO 15</td></tr></table> <ol style="list-style-type: none">GRANULAR BEDDING – WELL-GRADED SAND MEETING THE GRADATION REQUIREMENT OF ASTM C 33 FINE AGGREGATE.CONTROLLED LOW STRENGTH MATERIAL (CLSM)– A SELF LEVELING AND SELF COMPACTING CEMENTITIOUS MATERIAL COMPOSED OF SAND, COARSE AGGREGATE, CEMENT, FLY ASH, WATER AND ADMIXTURES. CLSM SHALL BE EXCAVATABLE AND SHALL HAVE A DESIGNED UNCONFINED COMPRESSIVE STRENGTH OF BETWEEN 50 TO 100 PSI.BACKFILL – PRODUCTS MEETING THE REQUIREMENTS OF SUITABLE MATERIAL, GRANULAR BEDDING, GRANULAR BACKFILL OR CLSM.TOPSOIL – SOIL WITH AN ORGANIC CONTENT SUFFICIENT TO ALLOW VEGETATIVE GROWTH.		SIEVE SIZE	TOTAL PERCENT PASSING	1 1/2 INCH (37.5 MM)	100	NO. 4 (4.75 MM)	30 TO 60	NO 200 (0.075 MM)	3 TO 15
SIEVE SIZE	TOTAL PERCENT PASSING												
1 1/2 INCH (37.5 MM)	100												
NO. 4 (4.75 MM)	30 TO 60												
NO 200 (0.075 MM)	3 TO 15												
				DESIGNED BY: DMP DRAWN BY: DMP CHECKED BY: KEW DATE: 09/14/2022									
				NM240036 - KROGER SMITHS 443 320 YALE BLVD SE, ALBUQUERQUE, NM 87106 GENERAL NOTES 1									
				<div>DANIEL L. SKEETHAN NEW MEXICO 21773 PROFESSIONAL ENGINEER</div>									
				PROJECT NO. 196408000									
				SHEET GN-1									

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

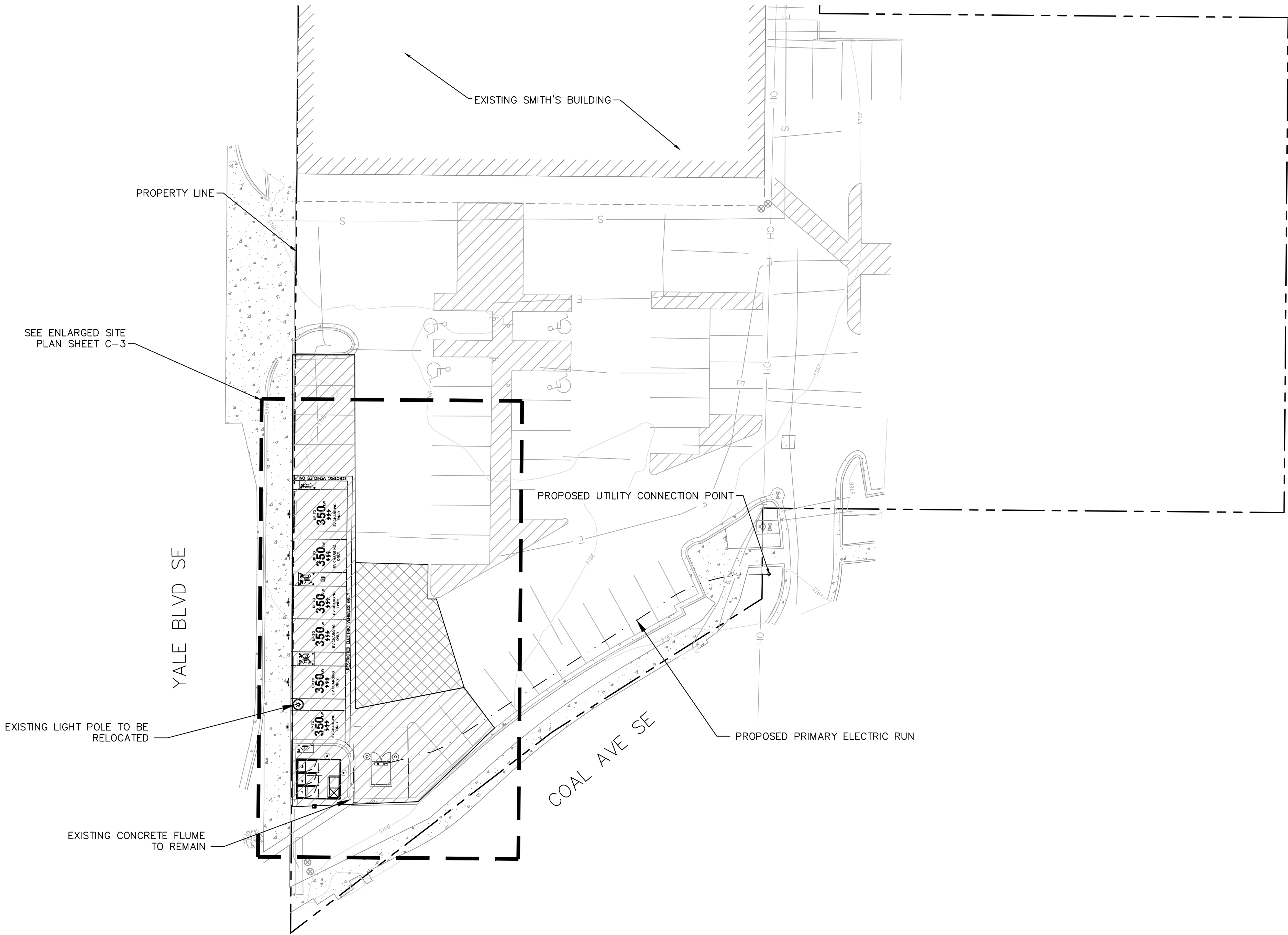
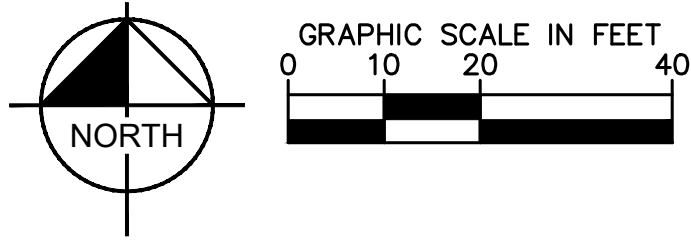
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

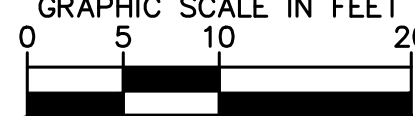
NOTES

1. WORK / STAGING AREA TO BE CONFIRMED AT PRE-CONSTRUCTION SITE MEETING AND SURROUNDED BY TEMPORARY FENCE DURING CONSTRUCTION.
2. POSSIBLE LOCATION FOR TEMPORARY DRIVE AISLE CLOSURE DURING CONSTRUCTION.
3. CONTRACTOR TO PROVIDE TEMPORARY SIGNS TO DIRECT TRAFFIC FLOW.
4. SHORT TERM FENCING TO BE PROVIDED OUTSIDE OF TEMPORARY FENCE FOR ANY OPEN TRENCHES LEFT OVER NIGHT OR UNATTENDED
5. THE CONTRACTOR SHALL RETURN SIDEWALKS, LANDSCAPING, PLANTERS, IRRIGATION SYSTEMS, AND ANY OTHER FACILITIES DISTURBED BY THE WORK TO THE SAME OR BETTER CONDITION THAN EXISTED PRIOR TO THE COMMENCEMENT OF THE WORK.

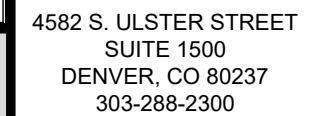
LEGEND

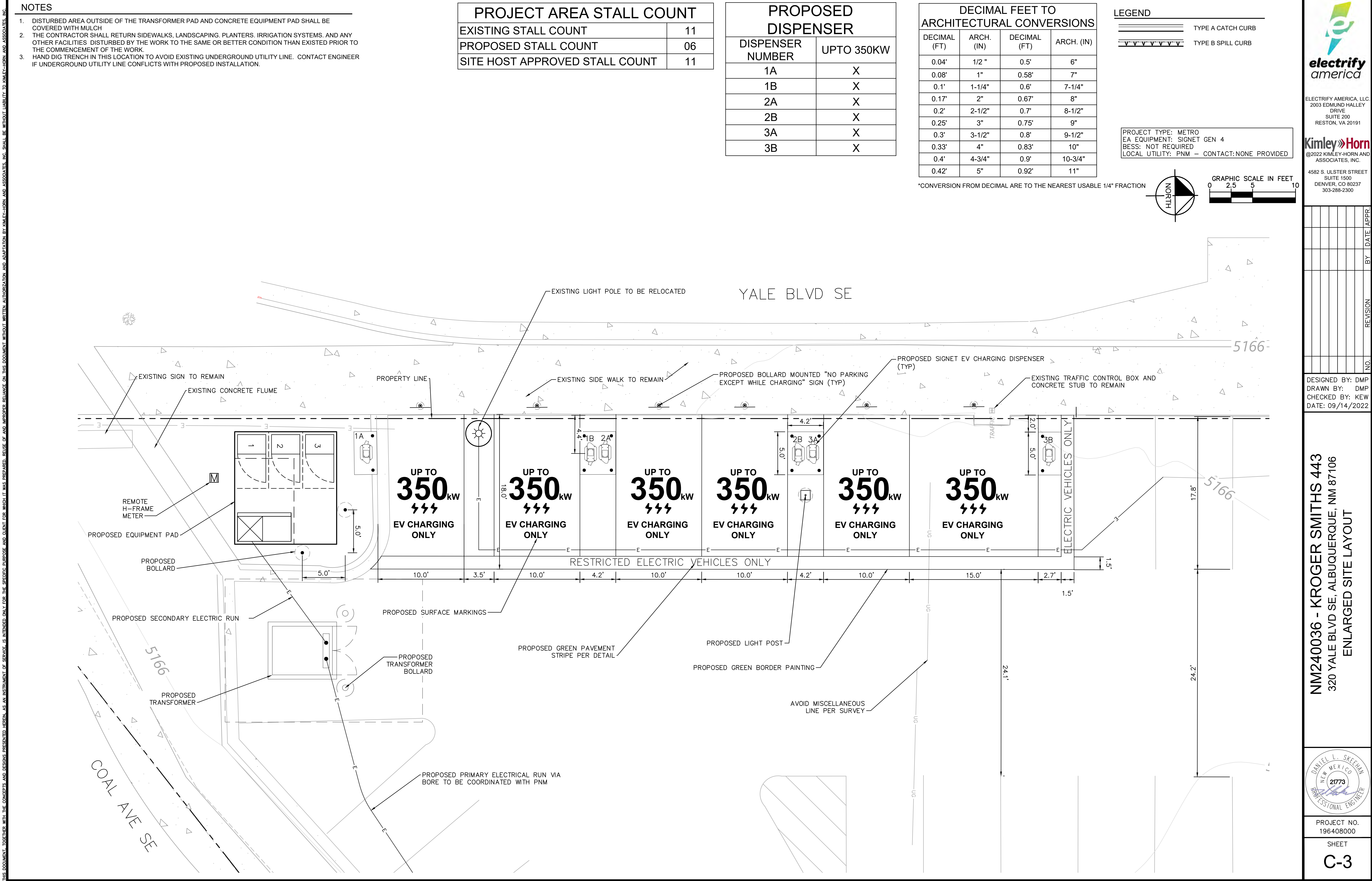
- WORKING/STAGING AREA
- DRIVE AISLE CLOSURE
- TEMPORARY DRIVE AISLE
- UTILITY LINE TO BE BORED
(OUTSIDE OF WORKING/STAGING AREA)
- UTILITY LINE TO BE TRENCHED
(OUTSIDE OF WORKING/STAGING AREA)





C-2

[illegible]



DESIGNED BY: DMP
DRAWN BY: DMP
CHECKED BY: KEW
DATE: 09/14/2022

NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106
ENLARGED SITE LAYOUT

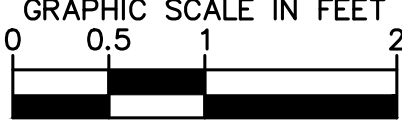
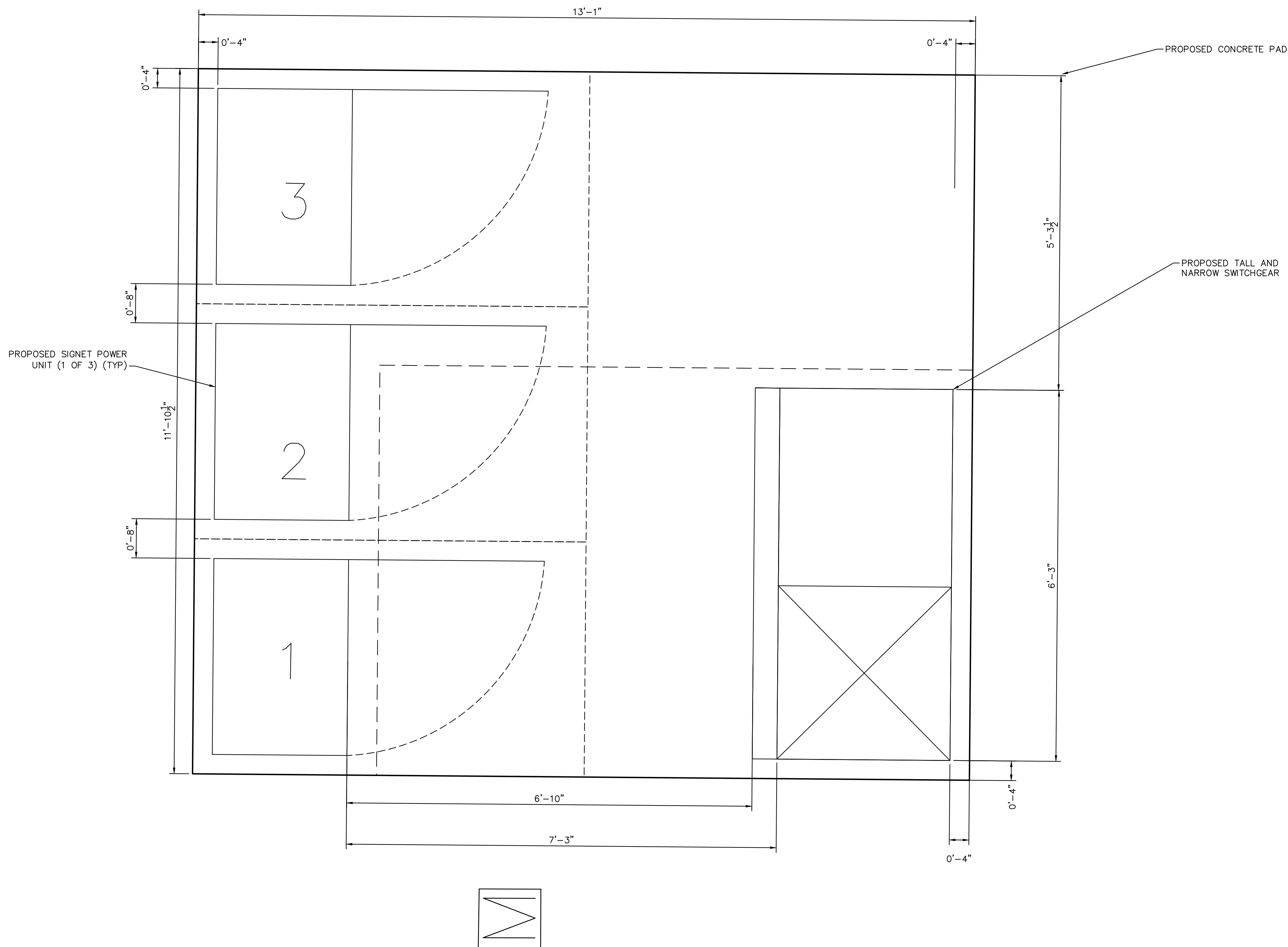
DANIEL L. SKEETH
NEW MEXICO
21773
PROFESSIONAL ENGINEER

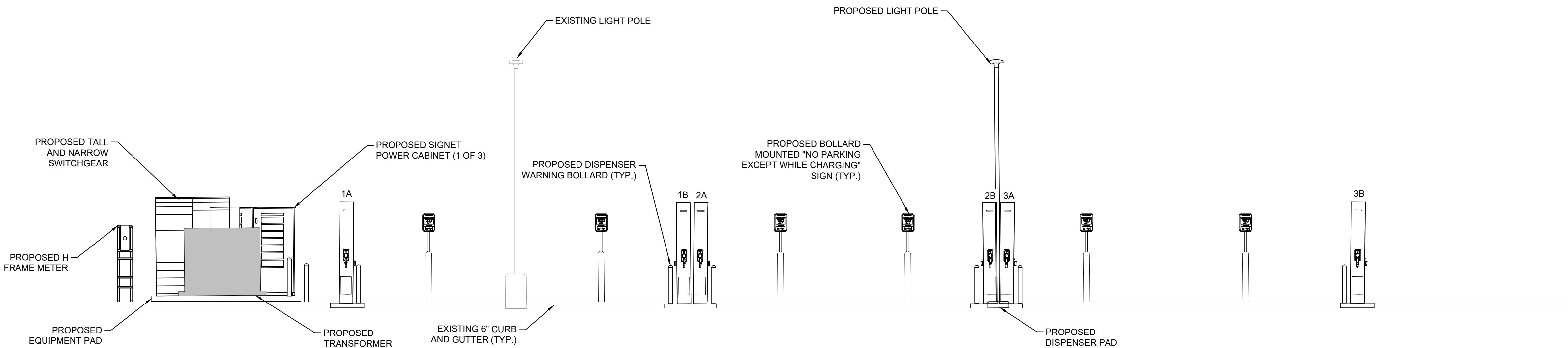
PROJECT NO.
196408000

SHEET
C-3

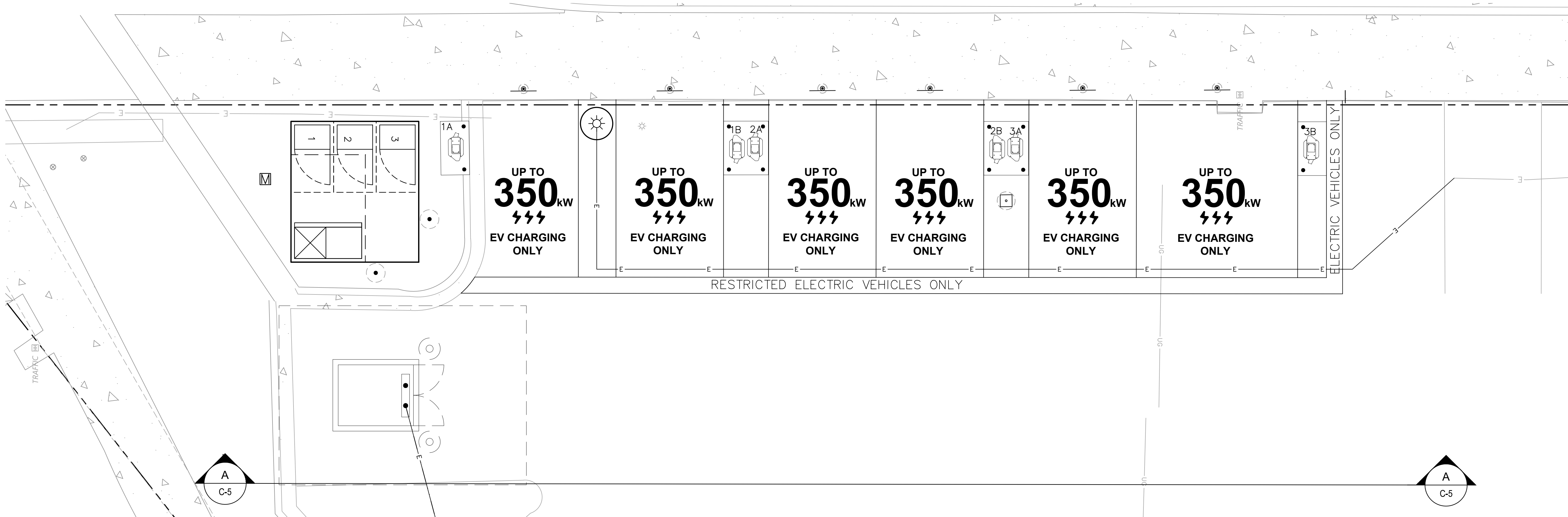
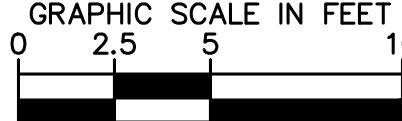
1. CONTRACTOR TO SLOPE PAD 0.5% TO PROVIDE POSITIVE DRAINAGE.

1. CONTRACTOR TO SLOPE PAD 0.5% TO PROVIDE POSITIVE DRAINAGE.

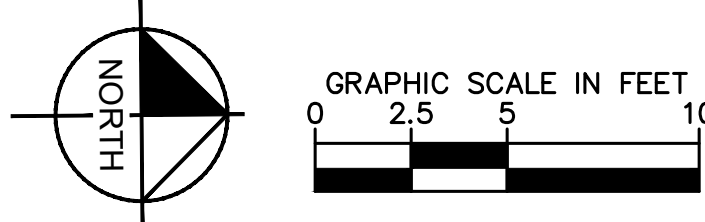
[illegible]



VIEW A-A



PLAN INSET FOR REFERENCE ONLY



ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191

Kimley»Horn
©2022 KIMLEY-HORN AND ASSOCIATES, INC.

4582 S. ULSTER STREET
SUITE 1500
DENVER, CO 80237
303-288-2300

[illegible]

DESIGNED BY: DMF
DRAWN BY: DMF
CHECKED BY: KEW
DATE: 09/14/2022

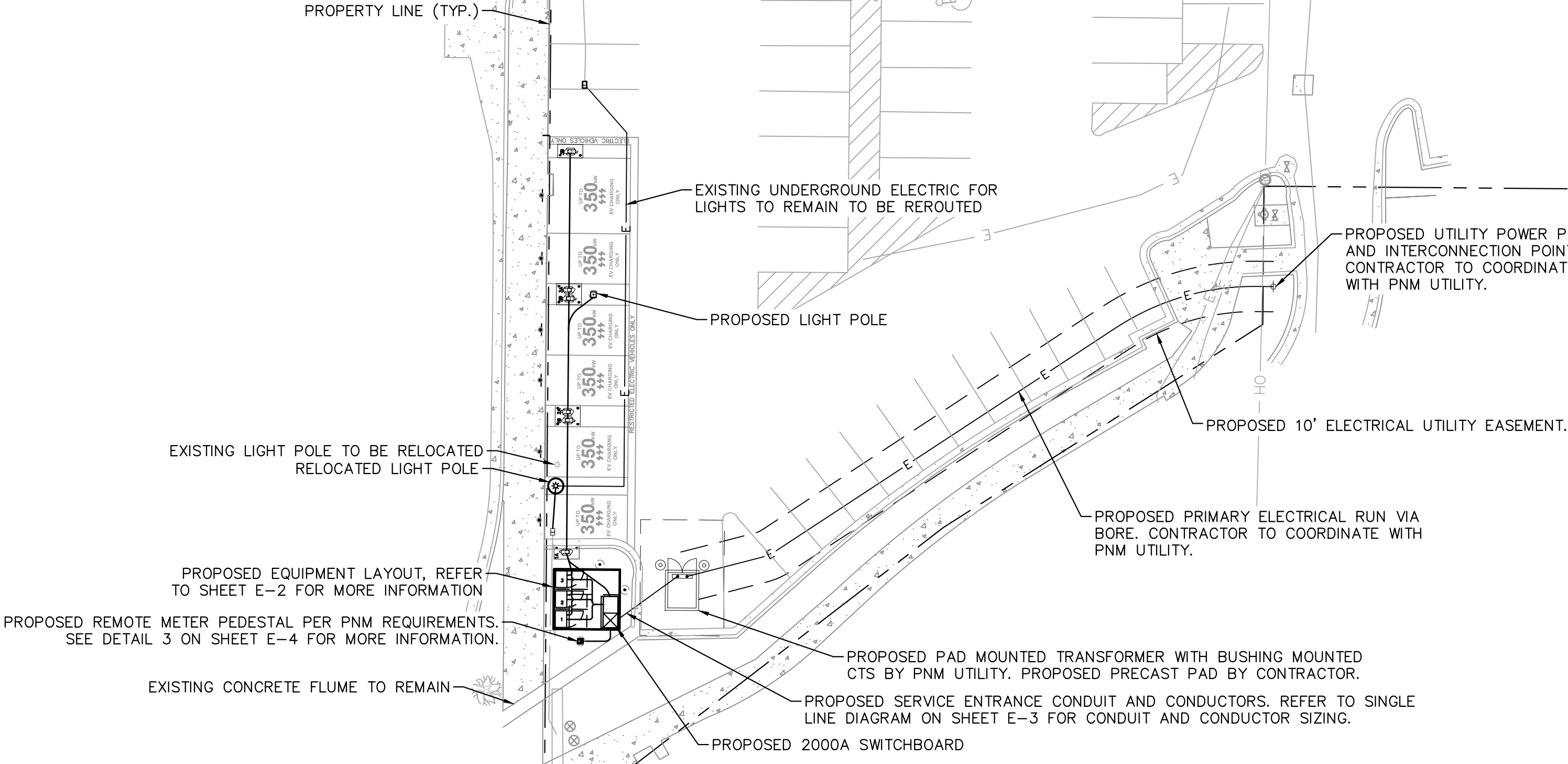
NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106
ENLARGED EQUIPMENT LAYOUT



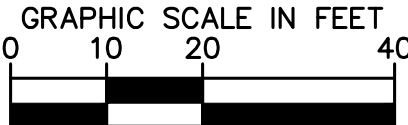
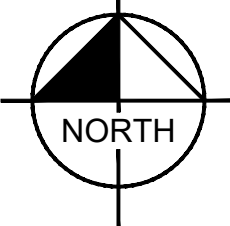
PROJECT NO
196408000

SHEET

C-5



PENDING UTILITY DESIGN



NOTES

1. THE UTILITY DESIGN DETAILS SUMMARIZED ON THIS SHEET ARE FOR PROPERTY OWNER REVIEW. THE CONTRACTOR SHALL REFERENCE THE UTILITY DESIGN PACKAGE (UDP), PROVIDED WITH THE "ISSUED FOR CONSTRUCTION" DRAWINGS FOR BIDDING. THE CONTRACTOR SHALL INSTALL THE UTILITY RELATED SCOPE OF WORK PER UTILITY CONSTRUCTION SPECIFICATION REQUIREMENTS.
2. UTILITY EQUIPMENT INSTALLATIONS AND PREP WORK AND TERMINATION OF SERVICE CONDUCTORS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY ENGINEER AT TIME OF PRE-CONSTRUCTION MEETING TO ENSURE ACCURACY OF INSTALLATIONS.
3. TRANSFORMER BOLLARD PROTECTION TO BE INSTALLED PER UTILITY SPECIFICATION. ADDITIONAL BOLLARD PROTECTION MAY BE REQUIRED AT THE DISCRETION OF THE UTILITY FIELD INSPECTION PERSONNEL.



ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191

Kimley»Horn
©2022 KIMLEY-HORN AND ASSOCIATES, INC.

4582 S. ULSTER STREET
SUITE 1500
DENVER, CO 80237
303-288-2300

[illegible]

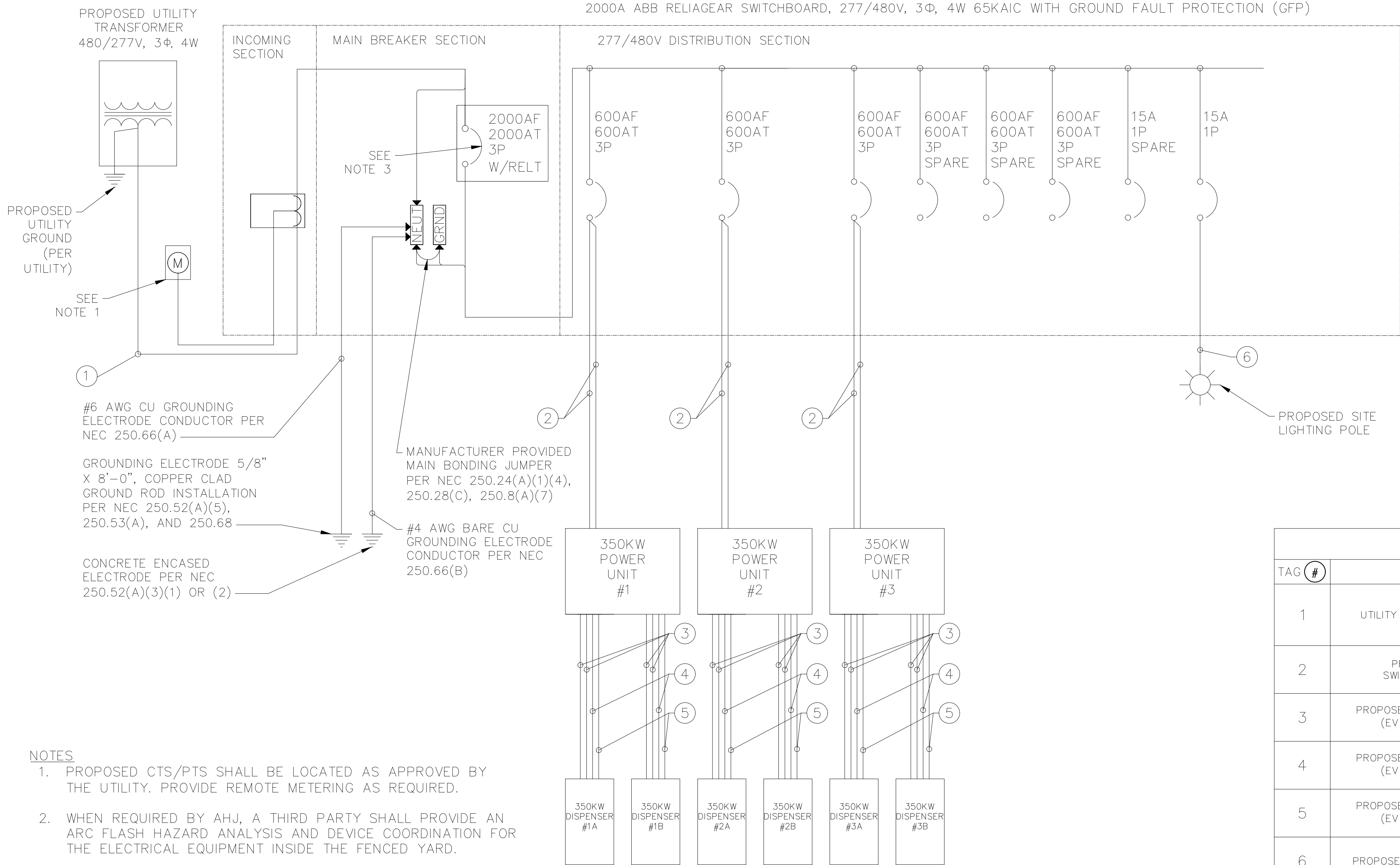
DESIGNED BY: JRT
DRAWN BY: JRT
CHECKED BY: DSH
DATE: 09/19/2022

NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106



PROJECT NO.
196408000

SHEET
E-1



- NOTES
1. PROPOSED CTS/PTS SHALL BE LOCATED AS APPROVED BY THE UTILITY. PROVIDE REMOTE METERING AS REQUIRED.
 2. WHEN REQUIRED BY AHJ, A THIRD PARTY SHALL PROVIDE AN ARC FLASH HAZARD ANALYSIS AND DEVICE COORDINATION FOR THE ELECTRICAL EQUIPMENT INSIDE THE FENCED YARD.
 3. MAIN BREAKER IS 100% RATED AND IS EQUIPPED WITH REDUCED ENERGY LET THROUGH (RELT) MAINTENANCE SWITCH WITH LOCAL STATUS INDICATION.
 4. ALL EV CHARGING EQUIPMENT, POWER UNITS AND DISPENSERS, ARE UL 2202 LISTED AND 65KAIC WITHSTAND RATED.
 5. WHEN REQUIRED BY THE AHJ, CONTRACTOR SHALL PROVIDE LABEL AT MAIN SERVICE DISCONNECT INDICATING NOMINAL VOLTAGE, AVAILABLE FAULT CURRENT, BREAKER CLEARING TIME, AND DATE OF BREAKER TESTING.
 6. SWITCHGEAR IS EQUIPPED WITH MANUFACTURER INSTALLED WITH UP TO THREE (3) INTEGRAL CONVENIENCE OUTLETS.
 7. MAIN BREAKER AND SWITCHGEAR ASSEMBLY SHALL BE 100% RATED. LOAD CALCULATIONS FOR THE SERVICE ARE PERFORMED IN COMPLIANCE WITH NEC 2020 230.42(A)(1), EXCEPTION NO.2.

LOAD SUMMARY			TOTAL KVA
LOAD DESCRIPTION	KVA	QTY	
350KW POWER UNIT	387.00	3	1,161.00
SITE LIGHTING	0.05	1	0.05
RECEPTACLE	0.18	3	0.72
	TOTAL		1,161.77
	AMPS (480V, 3-PH)		1,398A

SWITCHBOARD NOTES	
LUG QUANTITY AND SIZE	6 SETS OF 600MCM
ORIENTATION	RIGHT-TO-LEFT
AMPACITY	2000 AMPS
TYPE	TALL AND NARROW

CONDUIT AND WIRING SCHEDULE				
TAG	#	FROM	TO	CONFIGURATION
1		UTILITY TRANSFORMER	PROPOSED SWITCHBOARD	(3) 600 MCM AL + (1) 600 MCM AL NEUT + IN EACH OF (6) 4" CONDUITS + (3) SPARE 4" CONDUITS
2		PROPOSED SWITCHBOARD	PROPOSED POWER UNIT (EV CHARGER)	(4) 500 MCM AL + (1) #1 AWG CU EGC IN (1) 4" CONDUIT
3		PROPOSED POWER UNIT (EV CHARGER)	PROPOSED DC DISPENSER (POST) DC POWER (POS + NEG)	(2) 350 MCM AL 1KV + (1) #2 AWG CU EGC IN (1) 2-1/2" CONDUIT
4		PROPOSED POWER UNIT (EV CHARGER)	PROPOSED DC DISPENSER (POST) AUXILIARY 480V POWER	(3) #10 AWG CU + (1) #10 AWG CU EGC IN (1) 3/4" CONDUIT
5		PROPOSED POWER UNIT (EV CHARGER)	PROPOSED DC DISPENSER (POST) COMMUNICATION	(1) FIBER OPTIC CABLE, MM 62.5/125 W/ ST CONNECTORS + (1) #16 AWG TSP + (1) CAT6 CABLE IN (1) 1-1/2" CONDUIT
6		PROPOSED SWITCHBOARD	PROPOSED SITE LIGHT POLE	(2) #10 AWG CU + (1) #10 AWG CU GND IN (1) 3/4" CONDUIT + (1) 3/4" CONDUIT SPARE

"SWITCHBOARD"

VOLTAGE: 277/480

PHASE WIRES: 3ø, 4W

SCCR (AMPS): 60,000 PER DM-4-11.0

SOURCE: UTILITY TRANSFORMER

PANEL BUS: 2000 AMPS

MAIN: 2000 BREAKER

DESCRIPTION			KVA	CB	CKT	A	B	C	CKT	CB	KVA	DESCRIPTION	
SITE LIGHTING			0.05	15/1	1	466					129		
							931				129		
POWER UNIT #1				600/3	3			931	2	600/3	129	POWER UNIT #2	
								129					
								129					
SPARE			0	600/3	5		466		4	600/3	129	POWER UNIT #3	
								466				129	
			0				0					0	
SPARE			0	600/3	7		0		6	600/3	0	SPARE	
											0		
			0				0				0		
TOTALS						1397.3	1397.1	1397.1	AMPS		0	SPARE	
LOAD CALCULATIONS:													
						SUBTOTAL (KVA):			1161				
						MANUFACTURER INSTALLED RECEPTACLES (KVA):			0.72				
						TOTAL (KVA):			1162 @ 480V, 3Ø = 1398.1 AMPS				

SINGLE LINE DIAGRAM

PENDING UTILITY DESIGN

[illegible]

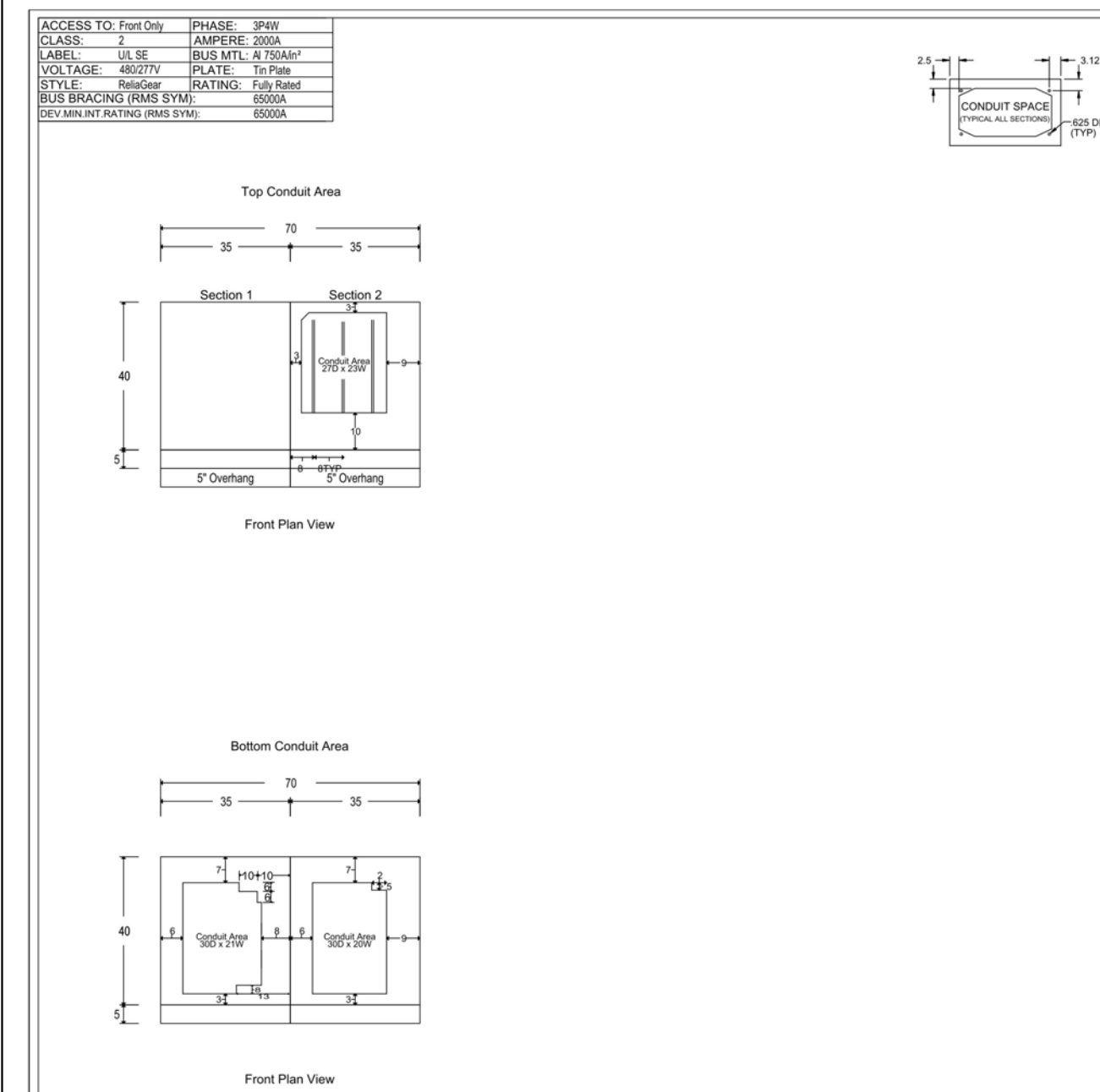
ACCESS TO Port Only	PHASE	3PH	
CLASS	2	AMPERE 2000	
LABEL	U1 R6	BUSS MTL & TRAIL	
VOLTAGE	480/277V	PLATE TO Floor	
STYLE	Insulator	RATING	1000 Amp
BUSS BRACING (RMS SYM)		0000A	
DO NOT REMOVE RAILS FROM		0000A	


SwitchBoard / Device Information							
Circuit No	Device	Trip Amps	Sensor Amps	Poles	Names/plates	Lugs/Cable Size	Notes
1	FBMG	15	-	1		(1) - #14 - #10 AWG CU - Mech. AL	
2	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
3	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
4	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
5	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
6	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
7	XTSHB	600	-	3		(2) - 200 - 500 MCM AL - Mech. AL	16.17, 18, 19, 20
8	FBMG	15	-	1		(1) - #14 - #10 AWG CU - Mech. AL	
Main	E2, 2SF	2000	0	3			10.1, 12, 13, 14, 15, 21, 22, 23, 24, 27, 28, 29, 30

NOTES:

1. Switchboard furnished with a rampfoot TYPE 3R (non-walk-in) enclosure.
- NOTE: See plan view for details. Need additional 1 inch clearance clearance on top and 1.5 inch clearance on the rear of the swbd.
2. Equipment ground bus furnished with lugs.
3. Switchboard qualified for Seismic Ratings per publication DET-463 and OSP-0044-10.
4. Shipping splits between each section. Ship each section separately.
5. Switchboard furnished with section space heaters.
6. Switchboard furnished with thermostat control for section space heaters.
7. Switchboard furnished with lightning arrestor.
8. Switchboard furnished with hinged gully covers.
9. Switchboard furnished with fully rated panel.
10. Device is 100 percent rated.
11. Device furnished with 120V electric motor.
12. Device is furnished with integral ground fault protection.
13. Device is furnished with RELT (Reduced Energy Let Through).
14. Device requires RELT or ZSI feature if Authority having jurisdiction has adopted NEC 2014 code requirements.
15. Device furnished with Exip-IR-To-Touch (LSIG) Programmable.
16. Device Furnished with (1) OpenClose 250V AC/DC Auxiliary Contact + (1) Trip Signaling 250V AC/DC Auxiliary Contact.
17. Device Furnished with PII Fixed Padlock - Open
18. Device Furnished with Short Trip - 110-120V AC / 110-125V DC
19. Device Furnished with Thermal-Magnetic Adjustable Trip
20. Device Furnished with Exip-Com Modbus TCP / STA Modbus TCP
21. Device furnished with (40) Auxiliary Contacts - 24V
22. Device furnished with (YR) Remote Reset - 110V AC/DC
23. Device furnished with (YC) Closing Coil - 110-120V AC/DC
24. Device furnished with (YO) Opening Coil - 110-120V AC/DC
25. Estimated total factory connected wiring points for the lineup 89.
26. Estimated shipping weight for the lineup is 1843 lbs.
27. Device furnished with DC Supply - 24V - 48V
28. Device furnished with RELT-Exip Signaling 2K3
29. Device furnished with Charging motor/Exip AC actuator - 100-130V AC
30. Device furnished with 1% accuracy Measuring Package
31. Miscellaneous Add-Ons:

1 MOXA UC-3111-T-US-LX-QTC-ABB				
PROJECT NAME : Electricity Korea Cycle 3 Switchboards		DRAWING TITLE : Device Information		PRODUCT NAME : ReliaGear Switchboard
CUSTOMER : ELECTRICITY AMERICA, LLC, RESTON		CREATED BY : Sander Telle DATE : 09/02/2015 10:35:51 REVISION NO : 01		DRAWING NO : ITEM NO : MARK : 2009A TALL 1800 NO PROJECT NO : 072-000000 SHEET : 1 of 1
W32 Cam 3/7/2022 14:30 PM				



PROJECT NAME: Electricity America Cycle 3 Switchboards	 Industrial Solutions by ABB	DRAWING TITLE: Control View CREATED BY: Sander Tols DATE: 03/02/2002 17:13:55 REVISION NO.: 53	PRODUCT NAME: ReliaGear Switchboard	DRAWING NO.: ITEM NO: MARKS: 2000A TALL NEW NO QUOTE NO.: U72-000248 SHEET: 4 of 4
--	---	---	---	--

ACCESS TO TEST DB	IPWAVE	IPW
CLASS	2	AMP/RE 200A
LABEL	VS SE	BUS TAIL & TAILP
VOLTAGE	480/277	PLATE
STYLE	Resistor	STRINGS
BUS BRACING (RMS SYM)		2000A
100% MIN MIN MAX MIN 100%		2000A

Switchboard / Device Information

1 SOLA POWER SUPPLY

1 1KVA UPS (needs 14H cover)

1 MOXA LP569273NT-61 smart antenna and RG58U-4-SMSF antenna cable

1 1/4 ADD HUMISTAT TO HEATER CIRCUIT

32. Due to the presence of Miscellaneous Add-Ons, please review drawings with the factory to ensure accuracy.


33. Drawing Notes:

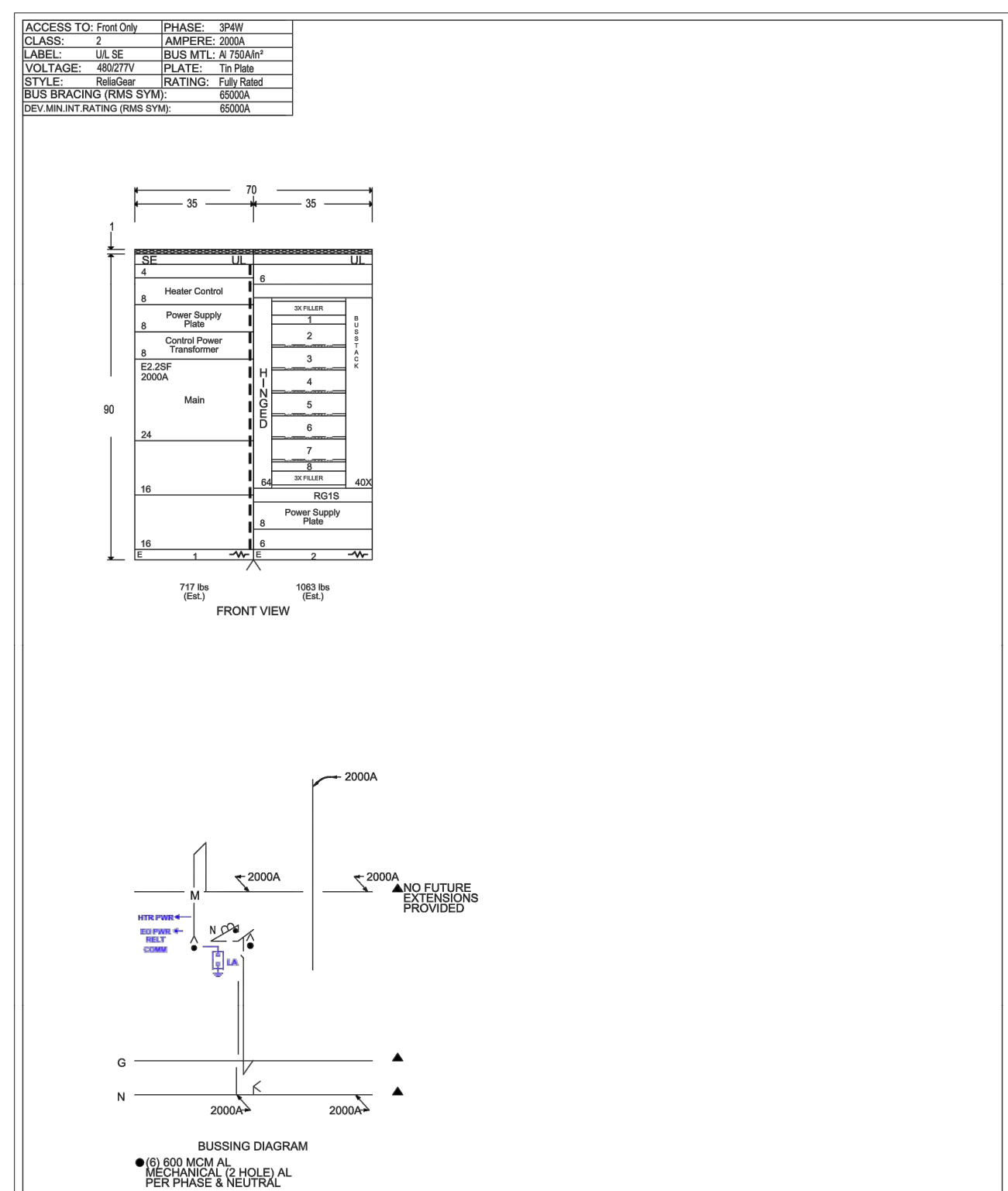
NEMA 3R to have rearward sloping roof. Insect screens on NEMA 3R enclosure over vent openings


Switchboard Doors: Open 90 degrees, can be split doors for 35" wide and wider sections

Factory installed 120V GFI 20A receptacle, need wire run to 20Amp, enclose any NEMA 3R doors

Ekip Com to be Modbus TCP/IP over CAT 5/6 cable
 Utility Main: Load distribution (based on ekip trip units). Trip unit for main to have power controller, 10k-2 device, breaker to have Ekip Link communication module
 Utility Main breaker power controller algorithm installed
 Load control scheme: Ekip Signaling 1k-1 XTS-INT for all charger feeder breakers 15DA105201R1
 Breaker logic needs to be outside resident, meaning breakers need to be able to communicate status even in the event of an outage or after opening or trip. Provide UPS to accomplish.
 Use UPS for control power tie through on utility main due to reverse power shut off.
 Reverse power via relay when battery breaker in scope.
 1200amp main breaker to be EMAX 4.2, 2000A to be EMAX 2.2.
 3000A to be EMAX 4.2, 4000A to be EMAX 6.2
 Battery back feeder with GF to be at end of bus, opposite end from utility main
 XTRM to be 1200amp frame with a 1000Amp rating plug
 Battery Breaker: LSIO branch breaker to be XTRM with ability to remotely operate
 Multi Source: ELAM to provide name of synchronizing manufacturer for UL981 compliance
 Main breaker and battery breaker (when in scope) to have Hi Touch trip units.
 600amp branch breakers to have Touch trip units when battery breaker in scope.
 600amp branch breakers to have Thermal magnetic trip units when no battery breaker in scope.
 Ekip Connect free downloadable software needed for all field technicians
 Provide dual rated CUIAL lugs on the branch breakers.
 All doors to be split doors
 Dimensional notes for scopes:
 Width: 1200A and 2000A main breaker section 30" wide when combined with utility doors, else 35"
 Width: 3000A main breaker section 35" wide, 4000A 45" wide
 Depth: 1200A and 200A depth 35", 3000A depth 40", 4000A depth 50"
 Horizontal and neutral bus to be overlaid when battery breaker in scope (BESS)
 Horizontal bus to be 2000A for 1200A Main breaker, 3000A for 2000A Main breaker when BESS
 Horizontal bus to be 4000A for 3000A Main breaker, 5000A for 4000A Main breaker when BESS
 Vertical bus in distribution section to be 2000Amp for 1200Amp Main breaker when BESS.
 Notes for short scopes when applicable
 Short board max panel height is 32X, Full height max panel height 40X
 We can not offer overhead feed backwiring for some utilities if CT compartment in switchboard
 Examples EUSEK, PEFCO, Dominion due to minimum cable bending space required
 Electricity America/Canada to confirm UL, or CUL for order entry for site
 As a result of Drawing Notes, this could require modification to reflect correct footprint, price, cycle or UL certification.

PROJECT NAME : Electricity America Cycle 3 Switchboards	 Industrial Solutions by ABB	DRAWING TITLE : Device Information	PRODUCT NAME:	DRAWING NO:
CUSTOMER: ELECTRICITY AMERICA LLC, RESTON		CREATED BY : Srinath, Ter DATE : 03/06/2007 17:15:51 REVISION NO: 51	ReliaGear Switchboard	ITEM NO: 4 MARKS: 200A TALL NEW NON QUOTE TYPE NO: U7-0000000000000000 SHEET: 2 of 4
Wd Date 3/7/2002 5:43:38 PM				



PROJECT NAME : Electricity America Cycle 3 Switchboards	 Industrial Solutions <small>by ABB</small>	DRAWING TITLE: Front View Boasting	PRODUCT NAME:	DRAWING NO:
CUSTOMER: ELECTRICITY AMERICA LLC, RESTON		CREATED BY: Snider, Tom DATE: 03/02/2021 19:13:55 REVISION NO.: 3	ReliaGear Switchboard	ITEM NO: 4 MARKS: 2000A TALL NRW NON QUOTE NO: 0172-00020482 SHEET: 3 of 4



ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191

Kimley»Horn
©2022 KIMLEY-HORN AND
ASSOCIATES, INC.

4582 S. ULSTER STREET
SUITE 1500
DENVER, CO 80237
303-288-2300

[illegible]

DESIGNED BY: JRT
DRAWN BY: JRT
CHECKED BY: DSH
DATE: 09/19/2022

NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106
SWITCHGEAR DETAILS

PROJECT NO.
196408000

SHEET
E-5

FOR REFERENCE ONLY



1. SEE FLOOR PLAN IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR MOUNTING HOLE LOCATION AND SWITCHBOARD BAY DIMENSIONS.
2. SEE ELEVATION IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR BASE CHANNEL DIMENSION.
3. MINIMUM 10 1/2" CONCRETE EDGE DISTANCE REQUIRED FOR PROPOSED ANCHORAGE.
4. CONTRACTOR TO MOUNT THE KEYSAFE BOX ON THE SWITCHGEAR WHEN THERE IS NO FENCE



SCALE: N.T.S.

NOTE:

1. OPERABLE PARTS OF DISPENSER TO FRONT OF CONCRETE SHALL BE 10" MAX
2. OPERABLE PARTS OF DISPENSER SHALL NOT EXCEED 48" ABOVE PARKING SURFACE
3. BOLLARDS ARE FOR WARNING PURPOSES ONLY



SCALE: N.T.S.



SCALE: N.T.S.

NOTE:

1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6".
2. MINIMUM CLEAR SPACING BETWEEN ANCHOR AND CONDUIT SHALL BE 3 INCHES.
3. CONTRACTOR TO FIELD VERIFY THE ANCHOR SPACING AND INSTALLATION PROCEDURES PER MANUFACTURER'S INSTALLATION MANUAL.



SCALE: NONE

NOTE

1. MINIMUM ANCHOR EDGE DISTANCE IS 6"
2. MINIMUM CLEAR SPACING BETWEEN CONDUIT AND ANCHOR IS 3"
3. THE DETAIL DEPICTS TYPICAL MANUFACTURER EQUIPMENT ANCHORING AND DIMENSIONS, REFER TO MANUFACTURER INSTALLATION AND USER'S MANUAL FOR ANCHORING AND INSTALLATION RECOMMENDATIONS AND PROCEDURES



SCALE: NONE

ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191

Kimley»Horn
©2022 KIMLEY-HORN AND ASSOCIATES, INC.

4582 S. ULSTER STREET
SUITE 1500
DENVER, CO 80237
303-288-2300

[illegible]

DESIGNED BY: DMF
DRAWN BY: DMF
CHECKED BY: KEW
DATE: 09/14/2022

NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106
DETAIL SHEET 1

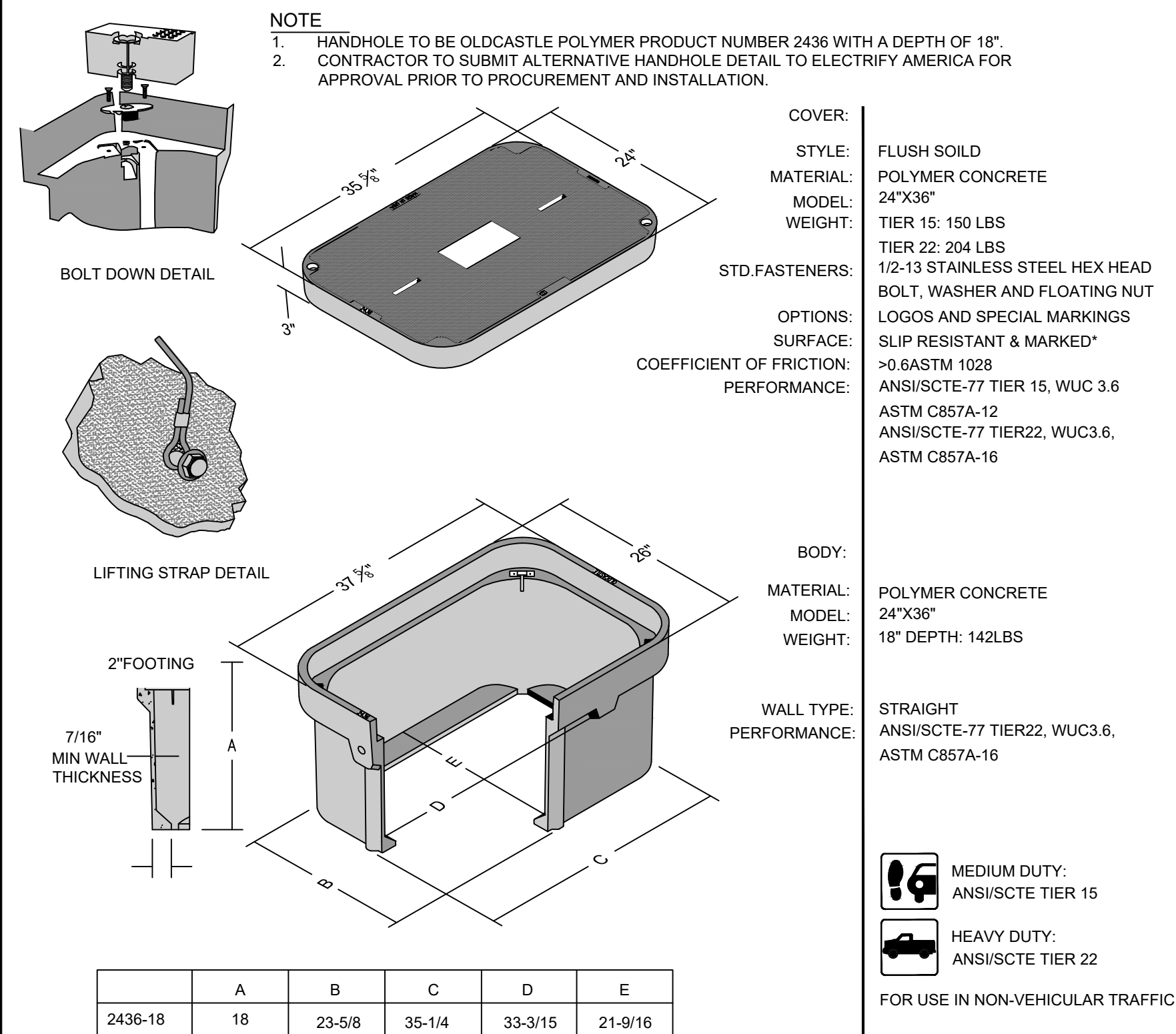


PROJECT NO.
196408000

SHEET

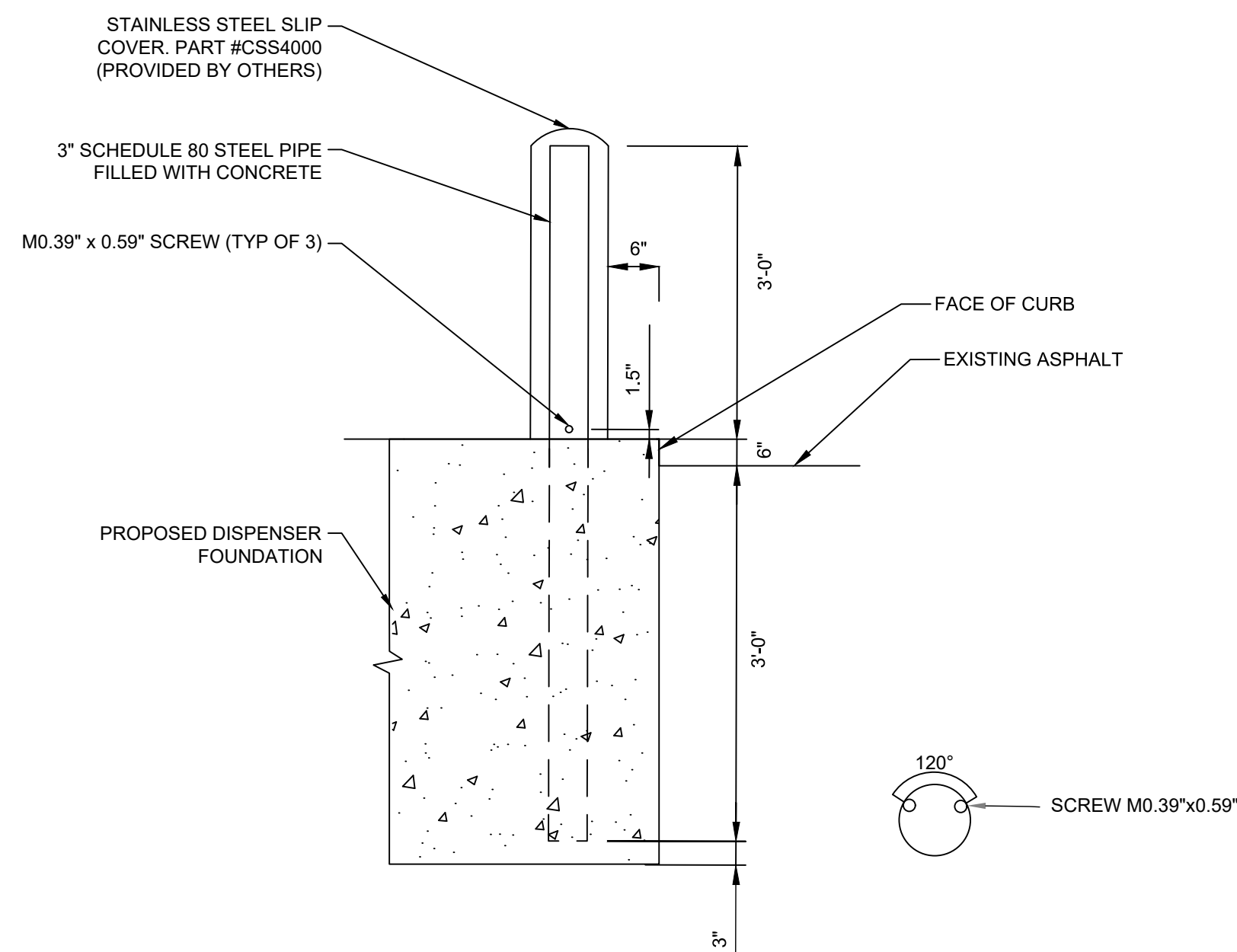
D-1

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.



HANDHOLE DETAIL (OR APPROVED EQUAL)

SCALE: N.T.S.



DISPENSER BOLLARD (TYPE 1)

SCALE: NTS

- ### NOTES
1. BOLLARD IS FOR WARNING PURPOSES ONLY.
 2. BOLLARD DETAIL FOR BOLLARDS AROUND ELECTRIFY AMERICA EQUIPMENT.
 3. CONTRACTOR TO PROVIDE (2) 6' LONG, 1/2" THICK FOAM STRIPS CROSSED OVER TOP OF STEEL PIPE TO STABILIZE SLIP COVER.

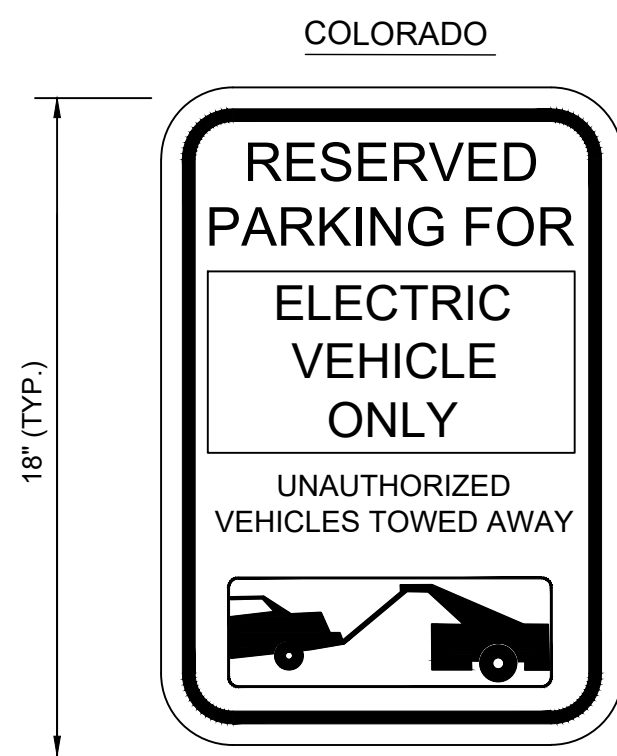
- NOTES**
1. BOTTOM OF STENCIL TO BE PLACED AT THE LEADING EDGE OF THE PROPOSED PARKING STALL
 2. STENCIL TO FIT WITHIN DIMENSIONS SHOWN
 3. PAVEMENT MARKING TO BE PAINTED WHITE
- PAINT SPECIFICATIONS**
1. PAINT SHALL BE WATERBORNE OR SOLVENT BORNE, COLORS AS SHOWN OR SPECIFIED HEREIN. PAVEMENT MARKING PAINTS SHALL COMPLY WITH APPLICABLE STATE AND LOCAL LAWS ENACTED TO ENSURE COMPLIANCE WITH FEDERAL CLEAN AIR STANDARDS. PAINT MATERIALS SHALL CONFORM TO THE RESTRICTIONS OF THE LOCAL AIR POLLUTION CONTROL DISTRICT.
 2. WATERBORNE PAINT: PAINTS SHALL CONFORM TO FS TT-P-1952.
 3. SOLVENT BORNE PAINT: PAINT SHALL CONFORM TO FS A-A-2886 OR AASHTO M248. PAINT SHALL BE NON-BLEEDING, QUIK-DRYING, AND PETROLEUM BASE PAINT SUITABLE FOR TRAFFIC-BEARING SURFACE AND BE MIXED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS BEFORE APPLICATION
 4. CONTRACTOR TO BLOCK OF STALLS AFTER PAINTING TO ALLOW PAINT TO DRY PROPERLY WITHOUT ANY CONSTRUCTION ACTIVITIES OR PUBLIC ACCESSING THE AREA WHILE PAINT IS DRYING



EV PAVEMENT MARKING DETAIL

SCALE: N.T.S.

- ## NOTES
1. BOTTOM OF LOWEST SIGN SHALL BE INSTALLED 66" ABOVE GRADE.
 2. TO CONFORM WITH MUTCD SIGNS R-113, R-111-L AND R-111-R.
 3. SIGNS ARE TO HAVE A WHITE RETROREFLECTIVE BACKGROUND WITH RED RETROREFLECTIVE LETTERS, ARROW, AND BORDER
 4. SIGNS ARE TO HAVE BLUE RETROREFLECTIVE "EV SYMBOL" PER CDOT R-1713r_CO SIGN



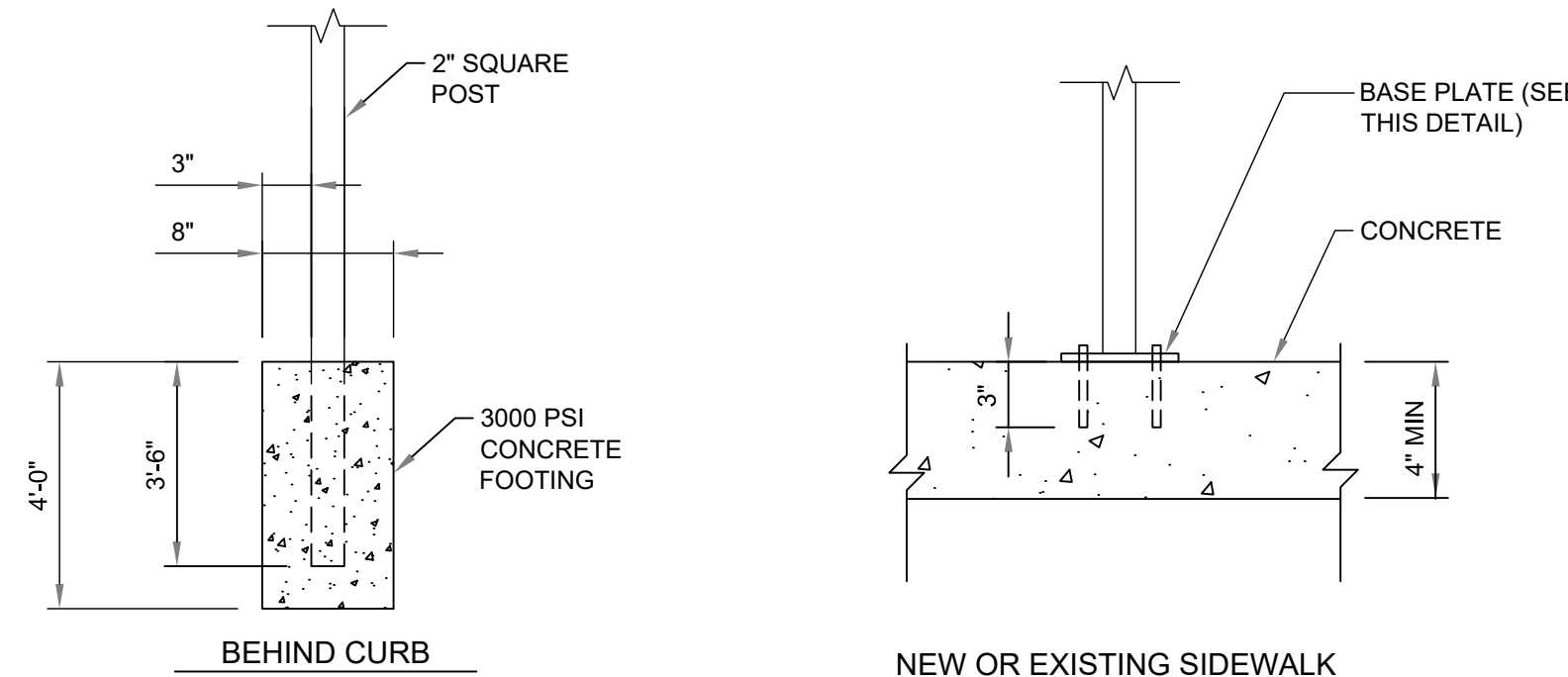
NO PARKING SIGN

SCALE:

- NOTES**
1. CONTRACTOR TO SELECT CONCRETE FOOTING OR BOLT DOWN BASED ON EXISTING CONDITIONS.
 2. SEE SHEET C-3 FOR PLACEMENT.
 3. BOTTOM OF LOWEST SIGN TO BE INSTALLED 66" ABOVE GRADE.
 4. ADDITIONAL PARKING SIGNS TO BE INSTALLED 2" ABOVE TOP OF PREVIOUS SIGN.
 5. SIGN, SIGN POST, AND SIGN FASTENERS TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO PROVIDE SIGN POST FASTENERS IF REQUIRED AND PAINTED TO MATCH.
 6. PAINT FINISH IS DAMAGED DURING INSTALLATION, CONTRACTOR SHALL REPAINT AS REQUIRED.
 7. CONTRACTOR SHALL COORDINATE WITH CITY WHEN SPECIAL JURISDICTIONAL/CITY REQUESTS ARE NECESSARY FOR ANY SIGN POST INSTALLATION, I.E. POST MATERIAL, PAINT COLORS, HARDWARE, ETC. CONTRACTOR IS RESPONSIBLE FOR ENSURING CITY APPROVES ALL MATERIALS PRIOR TO CONSTRUCTION

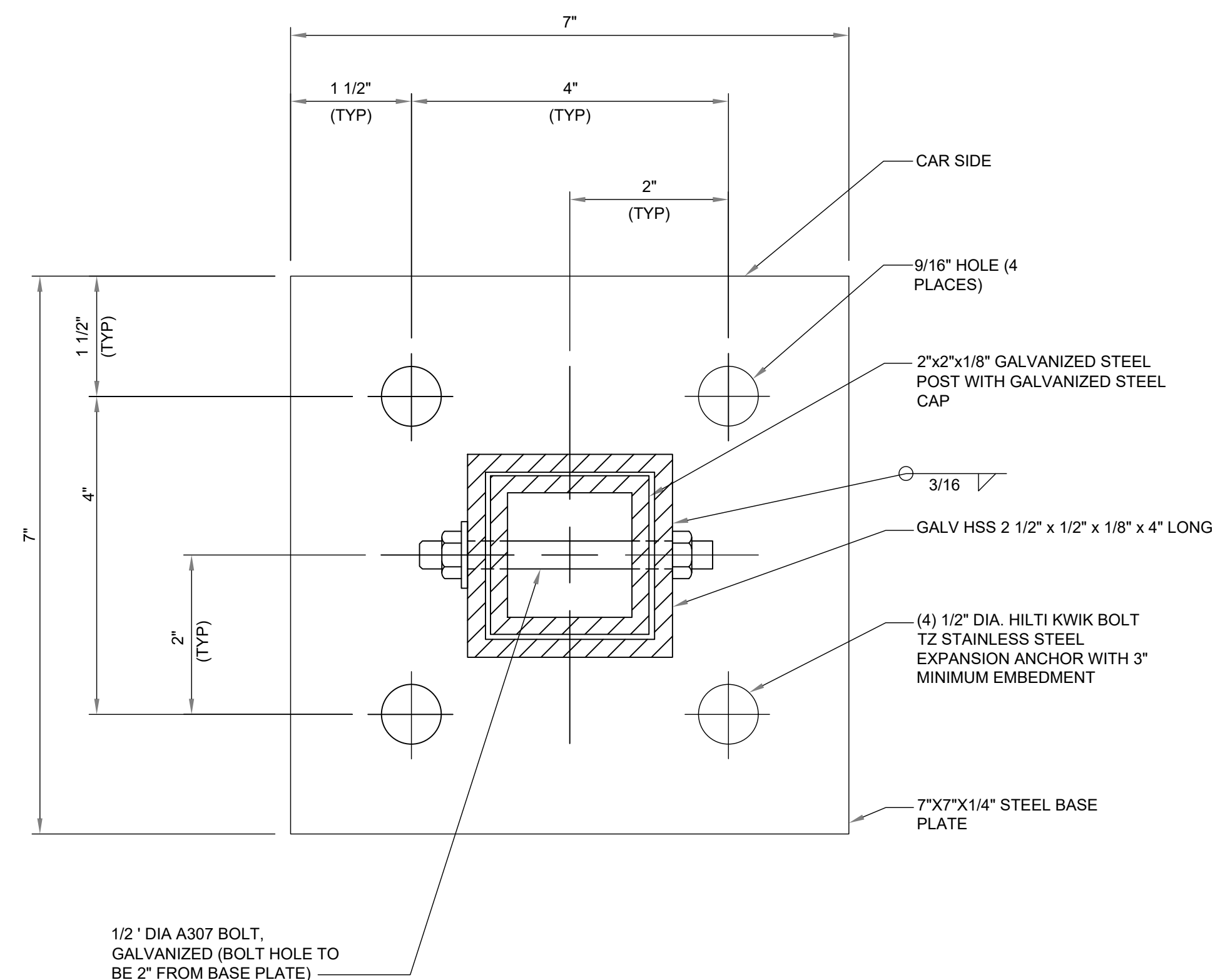
BOLT DOWN BASE PLATE NOTES

1. CONTRACTOR TO PROVIDE AND INSTALL SIGN POST, BASE PLATE ASSEMBLY, EXPANSION ANCHORS, AND 1/2" DIA A307 BOLT.
2. BASE PLATE ASSEMBLY TO BE HOT DIPPED GALVANIZED. PAINT TO MATCH SIGN POST.
3. PROVIDE 1/4" DIA. DRAIN HOLE TO PREVENT WATER FROM COLLECTING IN HSS.



SIGN POST INSTALLATION DETAIL

SCALE: NTS



BASE PLATE DETAIL -DETAIL 1



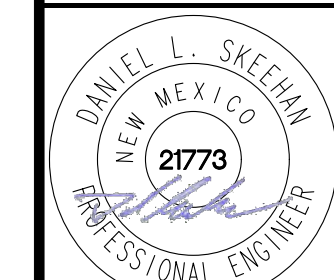
ELECTRIFY AMERICA, LLC
2003 EDMUND HALLEY
DRIVE
SUITE 200
RESTON, VA 20191

Kimley»Horn
@2022 KIMLEY-HORN AND
ASSOCIATES, INC.
4582 S. ULSTER STREET
SUITE 1500
DENVER, CO 80237
303-288-2300

[illegible]

DESIGNED BY: DMP
DRAWN BY: DMP
CHECKED BY: KEW
DATE: 09/14/2022

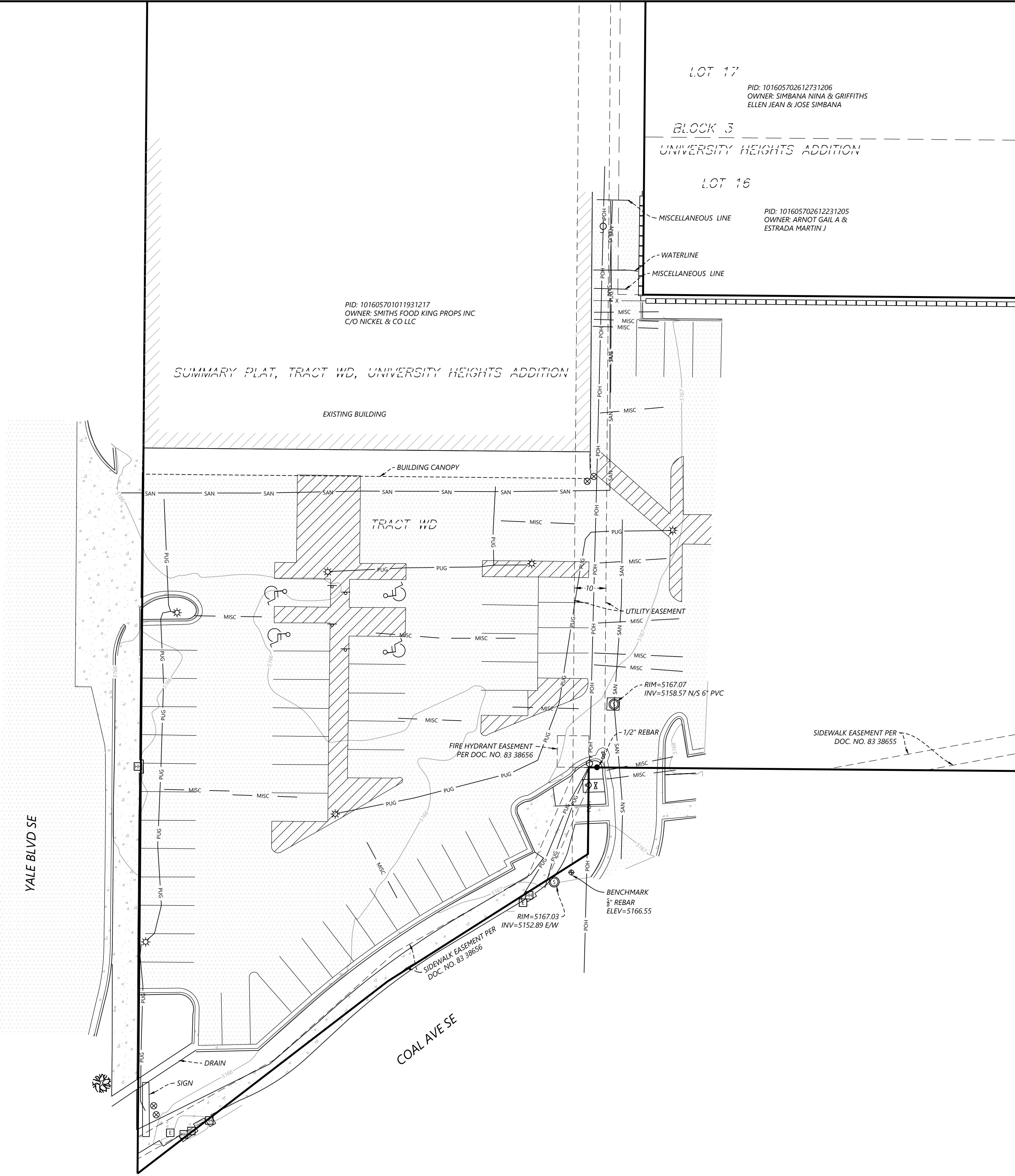
NM240036 - KROGER SMITHS 443
320 YALE BLVD SE, ALBUQUERQUE, NM 87106



PROJECT NO.	196408000
-------------	-----------

SHEET

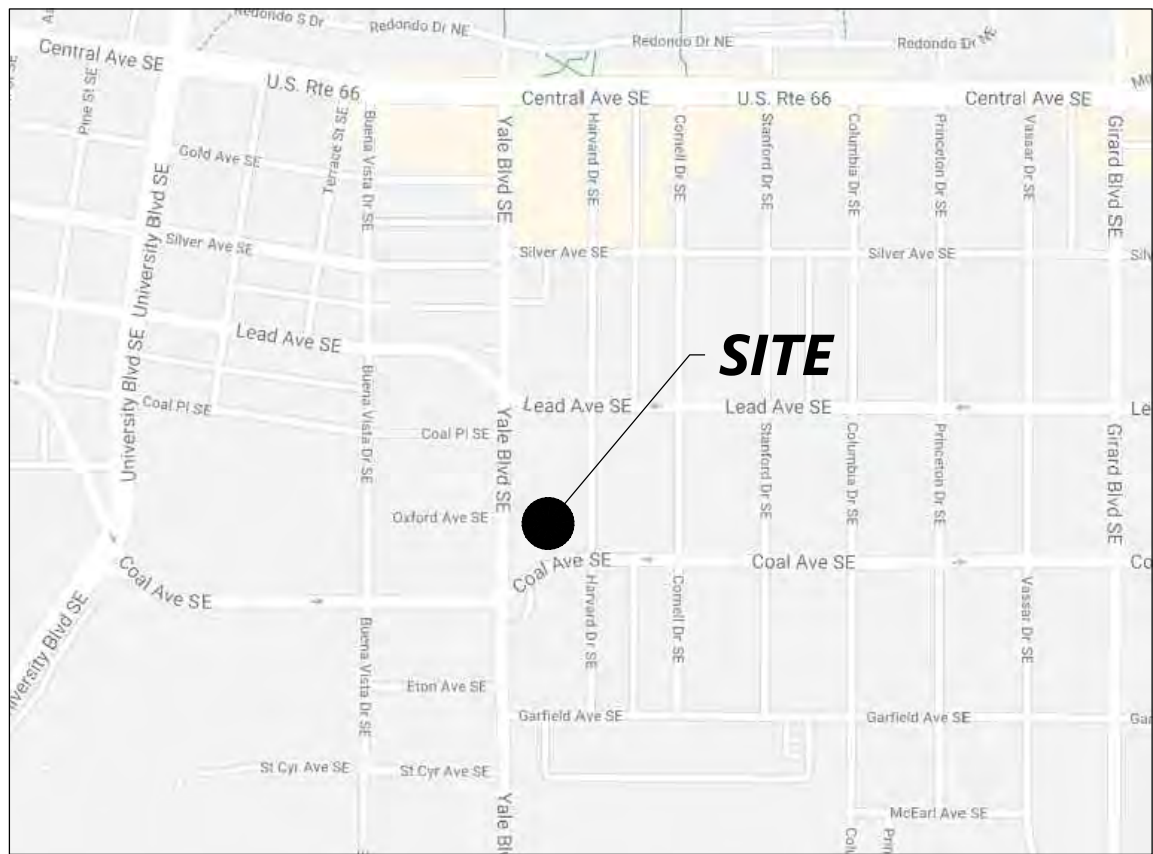
D-2



LEGEND:

	SANITARY MANHOLE		STEEL/WOOD POST
	SEWER CLEANOUT		SIGN
	STORM MANHOLE		FLAG POLE
	CATCH BASIN		CONIFEROUS TREE
	STORM INTERCEPTOR		DECIDUOUS TREE
	HYDRANT		CACTUS
	GATE VALVE		PALM TREE
	WATER METER		FIBER OPTIC PEDESTAL
	FIRE DEPARTMENT CONNECTION		NATURAL GAS METER
	DOUBLE DETECTOR CHECK VALVE		UNKNOWN MANHOLE
	ELECTRIC BOX		MISCELLANEOUS METER
	ELECTRIC METER		MISCELLANEOUS PEDESTAL
	ELECTRIC MANHOLE		BOUNDARY LINE
	STREET LIGHT		GAS LINE
	POWER POLE		POWER OVERHEAD
	MAST ARM		POWER UNDERGROUND
	MAST ARM W/ LIGHT		SANITARY SEWER
	TRAFFIC SIGNAL		STORM SEWER
	TELEPHONE BOX		WATERMAIN
	TELEPHONE MANHOLE		CURB & GUTTER
	HAND HOLE/JUNCTION BOX		CONCRETE SURFACE
	CABLE TV BOX		BITUMINOUS SURFACE
	FOUND MONUMENT (SEE LABEL)		CONCRETE PAVER SURFACE

VICINITY MAP
(NOT TO SCALE)



LEGAL DESCRIPTIONS PER TITLE
REPORT ORD-692326-G8W8Y9

Tract W-D of the Summary Plat (Formerly Lots 6 thru 15 in Block 3, vacated portion of Alley and of Highland Avenue and portion of Lots 1 and 2 in Block 4), UNIVERSITY HEIGHTS ADDITION, Albuquerque, New Mexico, as the same is shown and designated on the recorded plat of said addition, filed in the office of the County Clerk of Bernalillo County, New Mexico, on May 23, 1978.

LEGAL DESCRIPTIONS PER TITLE
REPORT ORD-692327-Y5Q4X7

The Easterly Eight (8) feet of vacated alley adjacent to Lot 16, Block 3, UNIVERSITY HEIGHTS ADDITION, as the same is shown and designated on the Map of said Addition, filed in the office of the County Clerk of Bernalillo County, New Mexico on February 7, 1916. Said alley vacated by Environmental Planning Commission Land Controls Board Resolution V-77-30, filed for record with the County Clerk of Bernalillo County, New Mexico on November 22, 1978 in Book Misc 652 page 829.

ITEMS OF RECORD PER TITLE
REPORT ORD-692326-G8W8Y9
AND ORD-692327-Y5Q4X7

- 1) Grant of Easement 06/15/1983 Document No. 83 38655 (**SHOWN ON SURVEY**)
- 2) Grant of Easement 06/15/1983 Document No. 83 38656 (**SHOWN ON SURVEY**)
- 3) Grant of Easement 07/29/1983 Document No. 83 50403 (**SHOWN ON SURVEY**)

SURVEYOR'S NOTES

1. This survey was prepared using First Corporate Solutions, Title Report Number ORD-692326-G8W8Y9 and ORD-692327-Y5Q4X7 having an effective date of November 18, 2021.
2. The underground utilities shown have been located from field survey information provided by MT Private Utility Locating Services, LLC on 11/24/2021. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.
3. Subject property appears to be classified as (Zone X and AO), when scaled from Flood Insurance Rate Map Community- Panel Number 3500TC0353H- Dated 8/16/2012
4. The subject property is zoned (MX-L, Mixed Use Low Intensity). No zoning information was provided by the client. For zoning code, contact the City of Albuquerque, NM Planning and Zoning Department.
5. Elevations are based of NAVD88 Datum. Benchmark: (3" Rebar), as shown hereon. Elevation: 5166.55
6. This is a topographic survey. This is not a boundary survey and is only intended to depict those features or improvements shown. The property lines shown are approximate record lines only and are shown for graphical reference only per Warranty Deed 79 30635. The right of way of Yale Boulevard is shown per the plat of University Heights Addition.
7. Bearings shown are based upon NAD83 New Mexico State Planes, Central Zone, US Foot.

SURVEYOR'S STATEMENT

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed LAND SURVEYOR under the laws of the State of New Mexico.

NATHAN CARLSON, LS DATE 12/14/2021
NM LICENSE NO. 18330, EXPIRATION 12/31/2022

DESIGNED: _____
CHECKED: MIW
DRAWN: ACW
HORIZONTAL SCALE: 20'

REVISIONS:	

PREPARED FOR:

Electrify America, LLC
2003 Edmund Halley Drive
Reston, VA 20191

Westwood

Phone (852) 937-5150 12701 Whitewater Drive, Suite #300
Fax (852) 937-6822 Minnetonka, MN 55343
Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

SITE 240036
SMITHS 443
320 YALE BLVD SE
ALBUQUERQUE, NM

Topographic Survey

A PORTION OF TRACT W-D OF THE SUMMARY PLAT,
UNIVERSITY HEIGHTS ADDITION,
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NM

PROJECT NUMBER: 0034170.AX

SHEET NUMBER:

1 OF

1

DATE: 12/14/2021