

Elevated Reefer PlugsMississippi State Port Authority

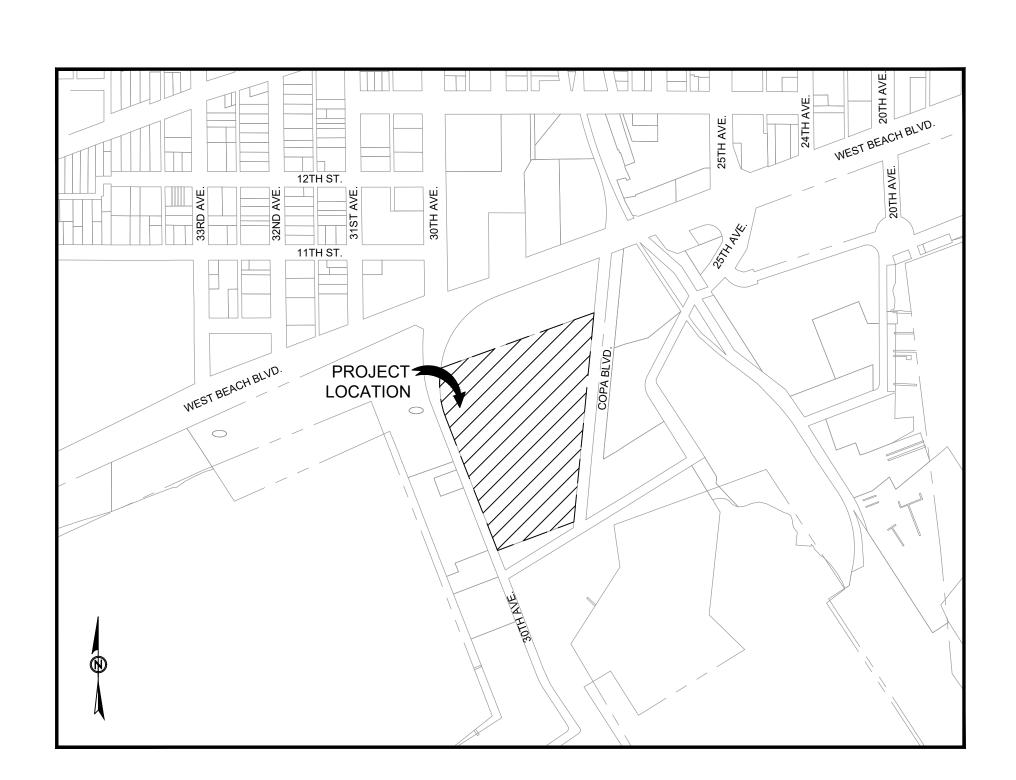
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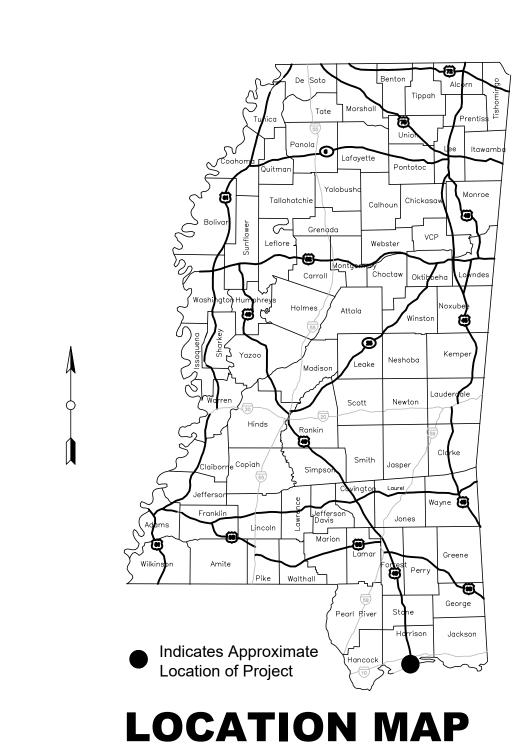
PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS

SHEET NO. DESCRIPTION

JESCKII IIOIA	
T001	TITLE SHEET
C200	OVERALL SITE PLAN
C201	NORTH HARBOR SITE PLAN
C202	TERMINAL #1 SITE PLAN
C620	CIVIL SITE DETAILS
E001	ELECTRICAL SYMBOL SCHEDULES & GENERAL 1
E002	ELECTRICAL ABBREVIATIONS & SCHEDULES
E011	ELECTRICAL DEMOLITION PLAN
E012	ELECTRICAL DEMOLITION PLAN
E101	ELECTRICAL OVERALL PLAN
E102	ELECTRICAL OVERALL PLAN
E111	ENLARGED ELECTRICAL POWER PLAN
E112	ENLARGED ELECTRICAL POWER PLAN
E113	ENLARGED ELECTRICAL POWER PLAN
E114	ENLARGED ELECTRICAL POWER PLAN
E115	ENLARGED ELECTRICAL POWER PLAN
E116	ENLARGED ELECTRICAL POWER PLAN
E117	ENLARGED ELECTRICAL POWER PLAN
E118	ENLARGED ELECTRICAL POWER PLAN
E501	ELECTRICAL GENERAL DETAILS
E601	ELECTRICAL ONE-LINE DIAGRAM
E602	ELECTRICAL ONE-LINE DIAGRAM
E603	ELECTRICAL ONE-LINE DIAGRAM
E604	ELECTRICAL ONE-LINE DIAGRAM
E605	ELECTRICAL ONE-LINE DIAGRAM









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918 Howard Ave Suite F Biloxi, Mississippi 39530 P: 228.388.1950

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PLUGS ISSISSIPPI IORITY

STATE PORT AUTHC

SCALE: AS INDICATED
PROJECT NO: 0297.22.002
DRAWN BY: NIVM

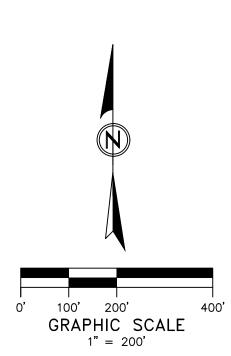
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MITTAL
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TITLE SHE

DATE REVISION / SUBMITTAL

4/13/2023 ISSUED FOR CONSTRUCTION

T001

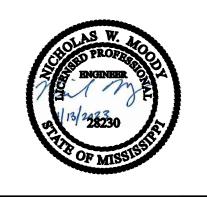


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ELEVATED REEFER PLUGS
PORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY

30TH AVENUE GULFPORT, MS 39501

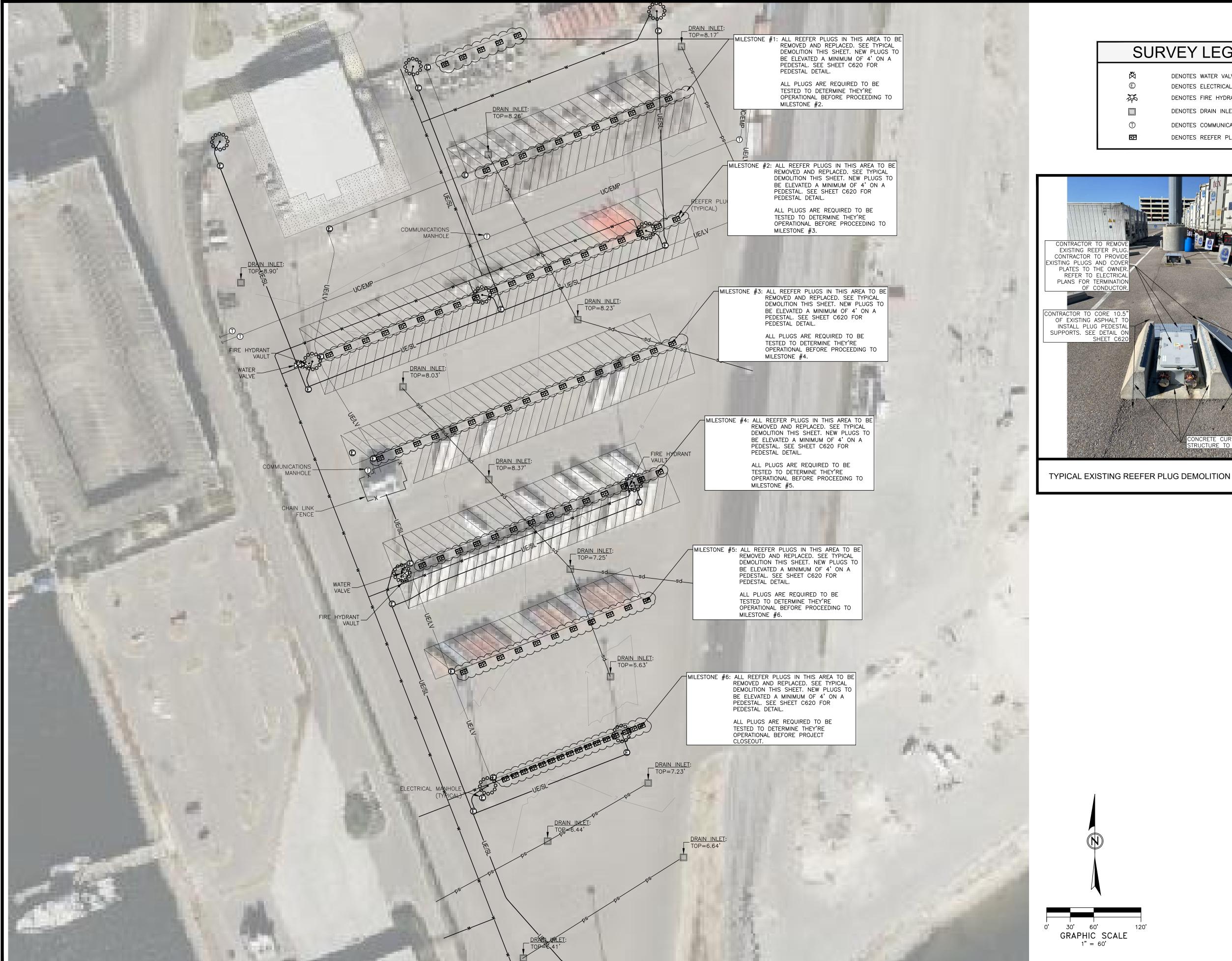
SCALE: AS INDICATED
PROJECT NO: 0297.22.002
DRAWN BY: NWM
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PLAN

OVERALL SITE PLA

NO. DATE REVISION / SUBMITTAL
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C200



SURVEY LEGEND

DENOTES WATER VALVE DENOTES ELECTRICAL MANHOLE DENOTES FIRE HYDRANT

DENOTES DRAIN INLET

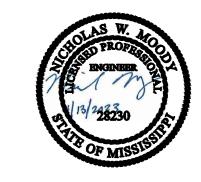
DENOTES COMMUNICATIONS MANHOLE DENOTES REEFER PLUG

EXISTING REEFER PLU CONTRACTOR TO PROVI EXISTING PLUGS AND COVER
PLATES TO THE OWNER.
REFER TO ELECTRICAL
PLANS FOR TERMINATION OF EXISTING ASPHALT INSTALL PLUG PEDESTAL CONTRACTOR TO CORE 10.5"
OF EXISTING ASPHALT TO
INSTALL PLUG PEDESTAL
SUPPORTS. SEE DETAIL ON SUPPORTS. SEE DETAIL (ONCRETE CURB AND TRUCTURE TO REMAIN

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ORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY 30TH AVENUE GULFPORT, MS 39501

SCALE: AS INDICATED PROJECT NO: 0297.22.002 DRAWN BY: NWM

ELEVATED REEFER

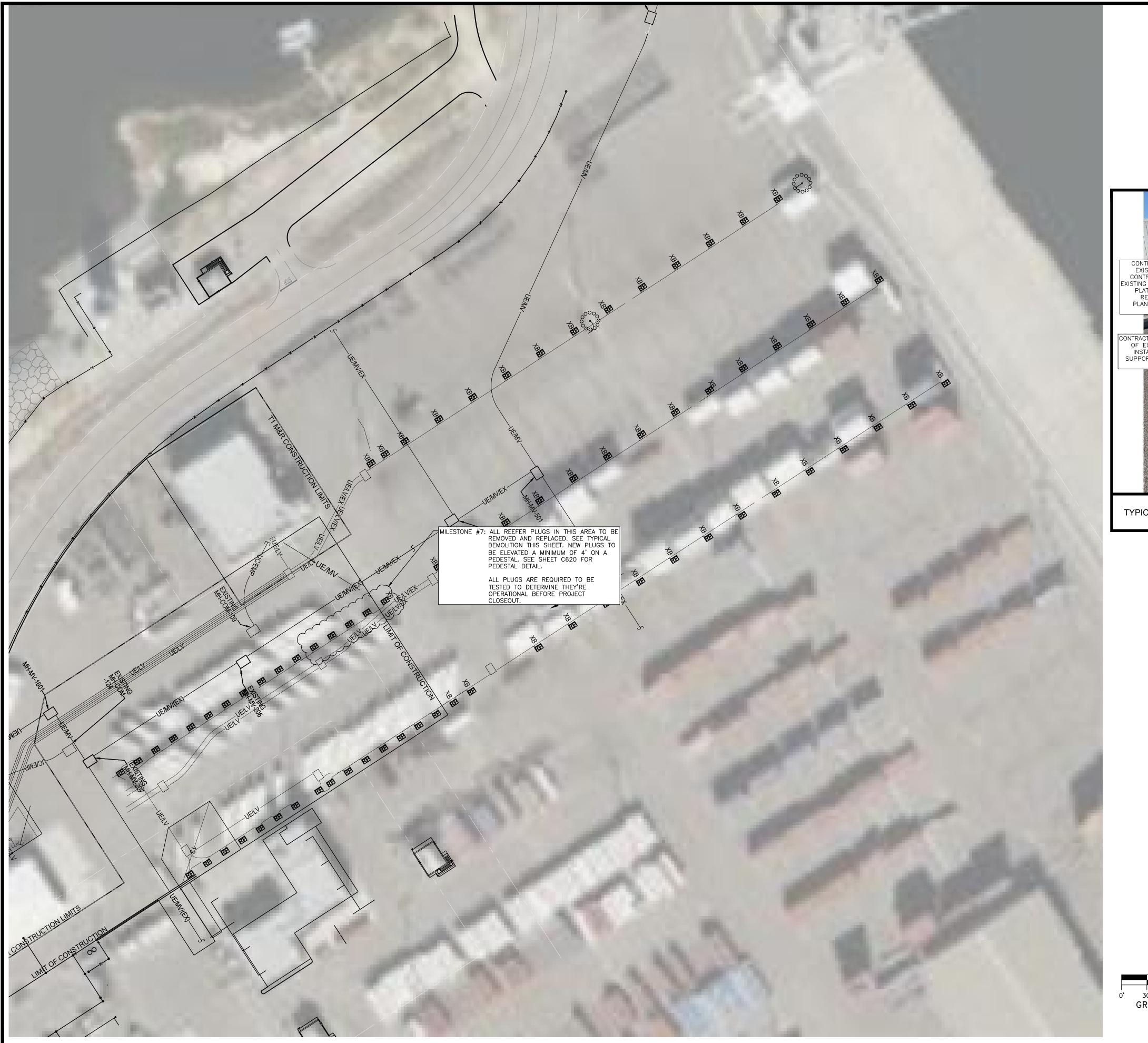
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DATE	4/13/2023					
NO.	REV 0					

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

GRAPHIC SCALE

1" = 60'



SURVEY LEGEND

DENOTES WATER VALVE DENOTES ELECTRICAL MANHOLE DENOTES FIRE HYDRANT

DENOTES DRAIN INLET

DENOTES COMMUNICATIONS MANHOLE DENOTES REEFER PLUG

CONTRACTOR TO REMOVE
EXISTING REEFER PLUG.
CONTRACTOR TO PROVIDE
EXISTING PLUGS AND COVER
PLATES TO THE OWNER.
REFER TO ELECTRICAL
PLANS FOR TERMINATION
OF CONDUCTOR. CONTRACTOR TO CORE 10.5"
OF EXISTING ASPHALT TO
INSTALL PLUG PEDESTAL
SUPPORTS. SEE DETAIL ON
SHEET C620 CONTRACTOR TO CORE 10.5"
OF EXISTING ASPHALT TO
INSTALL PLUG PEDESTAL
SUPPORTS. SEE DETAIL ON
SHEET C620

TYPICAL EXISTING REEFER PLUG DEMOLITION



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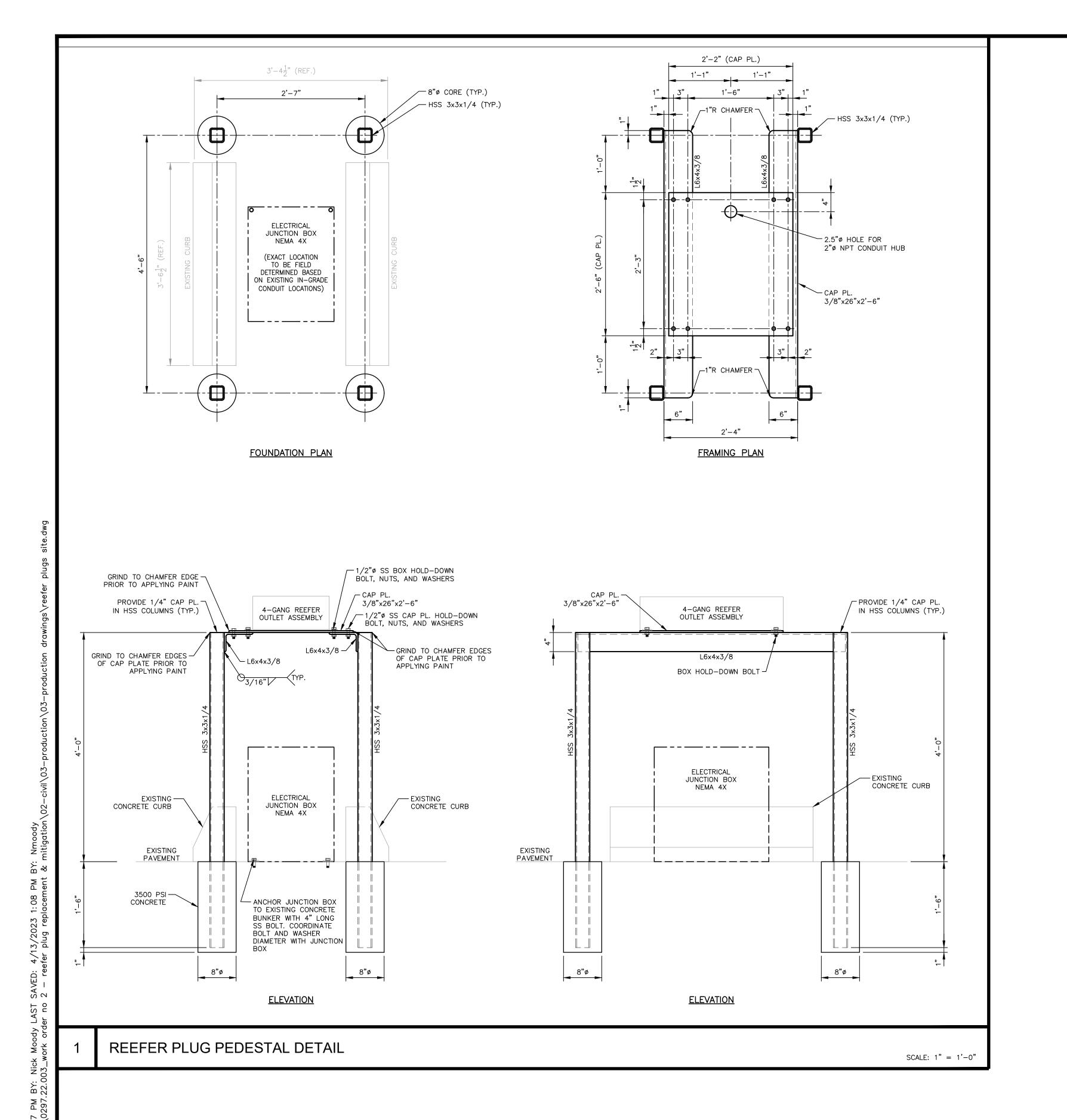
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30' 60'
GRAPHIC SCALE
1" = 60'



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ELEVATED REEFER PLUGS
ORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY

30TH AVENUE GULFPORT, MS 39501

SCALE: AS INDICATED
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L SITE DETAILS

DATE REVISION / SUBMITTAL
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C620

	LIGHTING SYMBOLS										
CEILING	WALL	DESCRIPTION									
	99	FLUORESCENT, LED OR H.I.D. LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.									
——	<u> </u>	FLUORESCENT OR LED STRIP LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE									
0	9	FLUORESCENT OR LED LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.									
♦	₩	"EXIT" LIGHT FIXTURE. DIRECTIONAL ARROWS AS INDICATED. SHADED QUADRANT INDICATE FACE(S). SEE LUMINARE SCHEDULE.									
	4	EMERGENCY BATTERY PACK FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.									
○ -(]		H.I.D. OR LED FLOODLIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE LUMINARE SCHEDULE.									

					POWER SYMBOLS						
FLOOR	WALL	CEIL.	COUNTR	QUAD.	DESCRIPTION						
Þ	Ф	0	(#	DUPLEX 20A OUTLET; GFCI=GFCI PROTECTION, WP=WEATHER PROOF COVER, IG=ISOLATED GROUND.						
	9			•	SPECIAL OUTLET						
SURFACE FLUSH			FLUSI	1	480/277V PANELBOARD						
]	208/120V PANELBOARD						
	L <u>AS/#P</u> NR AT				DISCONNECT SWITCH, AS=FRAME SIZE, AT-FUSE SETTING (NF=NON FUSED), #P=NUMBER POLES, NR=NEMA ENCLOSURE RATING (NEMA 3R UNLESS OTHERWISE NOTED)						
	4>	MP/# SS	^L PNR		COMBINATION STARTER/CIRCUIT BREAKER, MP=MAX PROTECTION RATING, SS=STARTER SIZE, #P=NUMBER POLES, NR=NEMA ENCLOSURE RATING (NEMA 3R UNLESS OTHERWISE NOTED).						
		NR SS			MAGNETIC MOTOR STARTER. SS=STARTER SIZE, NR=NEMA ENCLOSURE RATING (NEMA 3R UNLESS OTHERWISE NOTED						
	(F	IP)			MOTOR, SINGLE-PHASE. HP=DENOTES HORSEPOWER						
	(F				MOTOR, THREE-PHASE. HP=DENOTES HORSEPOWER						
	J				JUNCTION BOX, HOFFMAN A8086CHNF						
		<u> </u>			ELECTRICAL CONNECTION						
		Т			TRANSFORMER						

WIRING SYMBOLS								
	DESCRIPTION							
	WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL							
	WIRING (IN CONDUIT) RUN EXPOSED							
	WIRING UNDERGROUND (SITE WORK)							
	TELECOMMUNICATION RACEWAY (SITE WORK)							
L:1,3	HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF CIRCUITS (NUMBER OF ARROWS), EACH CIRCUIT TO HAVE GROUND.							
Ē	ELECTRICAL MANHOLE							
Ĵ	TELECOMMUNICATION MANHOLE							
-	GROUND CONNECTION							
S	SINGLE-POLE TOGGLE SWITCH.							
S ₂	DOUBLE-POLE TOGGLE SWITCH.							
\$3	THREE-WAY TOGGLE SWITCH.							
S _D	SLIDE DIMMER FLUORESCENT.							
S _M	SWITCH, MOTOR RATED							
S _{MS}	SWITCH, MOTION SENSOR							
®	PHOTO CELL							
-0	CONDUIT TURNED UP							
PP	POWER POLE							
•	GROUNDING CONNECTION BAR							
—————— III	10' X 3/4" STAINLESS STEEL GROUND ROD.							

REFERENCE SYMBOLS									
	DESCRIPTION								
1	SPECIFIC NOTE REFERENCE.								
100	FEEDER REFERENCE.								
A 1 E2	DETAIL/SECTION REFERENCE: "1" DENOTES DETAIL "A" DENOTES SECTION "E2" DENOTES DRAWING NUMBER WHERE DETAIL/SECTION IS DRAWN								

7		ONE-LINE SYMBOLS
		DESCRIPTION
	M	METER ENCLOSURE
	M	METER
	000	CIRCUIT BREAKER
	00	SWITCH, SINGLE POLE—SINGLE THROW
		FUSE
	->-	FUSE
_	of the	FUSED SWITCH
_		FUSED SWITCH
\parallel	3 8	DRY TYPE TRANSFORMER
	PANEL	PANELBOARD
	3	CURRENT TRANSFORMER
	\hf{\pi}	POTENTIAL TRANSFORMER
	LC	LIGHTING CONTACTOR
4	GFM	GROUND FAULT MONITORING
4	К	KIRK-KEY MECHANICAL INTER-LOCK
	•	GROUND SYSTEM TEST WELL WITH GROUND ROD CONNECTION
	Ī	EXOTHERMIC WELD GROUND ROD CONNECTION
_	•	EXOTHERMIC WELD CONNECTION
	1. 1. 1. 1.	4-WAY SF ₆ SWITCH
1	1. 1. 1. 1. 1.	6-WAY SF ₆ SWITCH
		TYPICAL DUAL CIRCUIT AIR BREAK TRANSFORMER DESIGN
	400A 4400	TRANSFORMER STATION NUMBER BUILDING NUMBER OR LOCATION
		LOAD BREAK SWITCH
	± 1	MOTOR STARTER (NUMBER INDICATES NEMA SIZE)
	27)	UNDERVOLTAGE RELAY
	V	VOLT METER
	A	AMMETER
	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION

GENERAL NOTES

- EQUIPMENT SHALL BE MOUNTED ON MATERIALS SUITABLE FOR THE ENVIRONMENT WHICH IT IS INSTALLED WITH THE APPROPRIATE NEMA ENCLOSURE RATING.
- WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH ARTICLE 110 AND 408.
- THE DEDICATED ELECTRICAL SPACE EXTENDED FROM THE FLOOR TO THE STRUCTURAL CEILING WITH THE WIDTH AND DEPTH OF THE PANEL-BOARD OR SWITCHBOARD, MUST BE CLEAR OF ALL PIPING, DUCTS, EQUIPMENT FOREIGN TO THE ELECTRICAL OR ARCHITECTURAL APPURTENANCES IN ACCORDANCE WITH THE NEC 110 & 408. COORDINATE INSTALLATION OF ELECTRICAL EQUIPMENT WITH OTHER TRADES PRIOR TO ROUGHING IN EQUIPMENT.
- ALL ELECTRICAL EQUIPMENT AND THE RESULTANT INSTALLATION OF SUCH EQUIPMENT, DEVICES, ETC., SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, NFPA 70, ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND THE STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE NFPA 70E.
- DRAWINGS AND SPECIFICATIONS FORM A COMPLETE SET OF DOCUMENTS FOR THE WORK IN THIS PROJECT. NEITHER IS COMPLETE WITHOUT THE OTHER. ANY ITEM MENTIONED IN ONE SHALL BE BINDING AS MENTIONED IN BOTH.
- CONTRACTOR SHALL TAKE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL DIMENSIONS AND LOCATIONS OF EXISTING, RELOCATED AND NEW EQUIPMENT AND SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WORK OF OTHER TRADES NECESSARY TO THE PROJECT.
- THESE DRAWINGS ARE INTENDED TO OUTLINE THE SCOPE OF WORK REQUIRED TO PROVIDE A COMPLETE AND OPERABLE PROJECT CONCLUSION. ALL MISCELLANEOUS COMPONENTS, PARTS, FASTENERS, SPLICES AND OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETED PROJECT SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY NOTED.
- 3. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS ARISING FROM DISCOVERED CONDITIONS AT ANY PHASE OF THE PROJECT.
- . CONTRACTOR SHALL ELICIT HELP FROM, AND ASSIST, CONSTRUCTION MANAGER IN DETERMINING, AS CLOSELY AS POSSIBLE, LOCATION AND DEPTH OF UNDERGROUND ELECTRIC UTILITIES PRIOR TO EXCAVATION.
- 10. PORT OF GULFPORT FACILITIES MAINTENANCE DEPARTMENT SHALL SUPPLY ALL AVAILABLE UNDERGROUND UTILITY PLAN LOCATION INFORMATION TO THE GENERAL CONTRACTOR AT THE START OF THE PROJECT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAND DIGGING, PROBING AND VISUALLY LOCATING AND MARKING ALL UNDERGROUND UTILITIES. GENERAL CONTRACTOR SHALL EXERCISE EXTREME DUE DILIGENCE AND CAUTION DURING ALL EXCAVATION TO AVOID ANY DAMAGE TO UNDERGROUND UTILITIES. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY SUCH DAMAGE IN A TIMELY MANNER. GENERAL CONTRACTOR SHALL BE AWARE THAT THERE MAY EXIST UNKNOWN UNDERGROUND UTILITIES ON THE SITE. IN AREAS WHERE EXISTING UTILITIES ARE KNOWN TO BE LOCATED, ALL TRENCHING FOR UTILITY SUPPLY SERVICES SHALL BE HAND DUG A MINIMUM OF 2'-0" BELOW GRADE AND THEN THOROUGHLY PROBED WITH THIN RODS A MINIMUM OF AN ADDITIONAL 6'-0" AND/OR THE MAXIMUM PLANNED DEPTH OF THE TRENCH, PRIOR TO DIGGING TO FULL DEPTH. IN EITHER CASE, WHERE PROBING LOCATES UNKNOWN OBJECTS, FURTHER HAND DIGGING TO VISUALLY EXPOSE AND IDENTIFY THESE OBJECTS SHALL BE ACCOMPLISHED PRIOR TO ANY OTHER WORK IN THESE AREAS.
- 11. AT ANY LOCATION WHERE EXCAVATION OR ASSOCIATED WORK CAUSES DAMAGE TO EXISTING UNDERGROUND UTILITIES, CONTRACTOR SHALL RESTORE THE DAMAGED SYSTEM TO LIKE-NEW
- 12. ALL BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL AND GROUND.
- 13. ALL ABOVE GROUND EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
- 14. LOCATIONS OF OTHER EQUIPMENT SPECIFIED BY OTHER TRADES OR PROVIDED BY OWNER ARE APPROXIMATE. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGHING IN AND ROUTING
- 15. CONDUITS ARE NOT NECESSARILY SHOWN ON PLAN DRAWINGS FOR SAKE OF CLARITY. PROVIDE CONDUITS BETWEEN DEVICES AND TO PANELS PER REQUIREMENTS LISTED IN DIVISION 26 SPECIFICATIONS. INDICATE EXACT ROUTING OF CONDUIT ON PLAN DRAWINGS AS PART OF AS BUILD DOCUMENTATION TO BE SUBMITTED AFTER FINAL COMPLETION.
- 16. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH SEALTITE FLEXIBLE CONDUIT CONNECTION.
- 17. GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY
- 18. ALL CONNECTIONS TO THE EXISTING POWER, AND ALL TESTING SHALL BE DONE WITH THE ASSISTANCE AND GUIDANCE OF THE CONSTRUCTION MANAGER AND PORT OF GULFPORT MAINTENANCE PERSONNEL.

EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.

- 19. IT MAY BE NECESSARY FOR PORT OF GULFPORT MAINTENANCE PERSONNEL TO MODIFY ITEMS SUCH AS SUBSTATION CABINETS, BUSHINGS, ETC. WHILE SUCH EQUIPMENT ITEMS ARE OUT OF SERVICE. CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER AND SHALL PROVIDE SCHEDULE NOTIFICATIONS DENOTING WHEN VARIOUS PIECES OF EQUIPMENT SHALL BE AVAILABLE FOR MODIFICATION.
- 20. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AT LEAST 2 WEEKS IN ADVANCE OF ANY WORK WHICH SHALL OR REASONABLY COULD, RESULT IN OUTAGE OF POWER OR
- 21. CONTRACTOR SHALL TURN OVER ALL COPPER CABLE REMOVED DURING THE DEMOLITION PHASE TO PORT OF GULFPORT MAINTENANCE PERSONNEL.
- 22. ALL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO QUANTIFY THE MATERIALS SPECIFIED AND INDICATED THEIR INTENDED RELATIONSHIP TO EACH OTHER. THE DRAWINGS ARE NOT TO BE SCALED. THE VARIOUS SCALES USED ON THE DRAWINGS MAY NOT ALLOW FOR ALL FITTINGS, OFFSETS, AND ACCESSORIES THAT MAY BE REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS THAT WOULD AFFECT THE WORK TO BE PERFORMED AND SHALL ARRANGE SUCH WORK AS NECESSARY TO COMPLY WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.

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SCALE: NOT TO SCALE PROJECT NO: 0297.22.002

DRAWN BY: KDB CHECKED BY: KDB

SCHEDULE ECTRICAL SYMBO

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				ABE	BREVIATIONS				
	Α		E		K		Р		U
A AC AD A/C AF AFF	AMPERE(S) ALTERNATING CURRENT AIR DRYER AIR CONDITIONING AMPERE FRAME ABOVE FINISHED FLOOR	E.C. EEB EF EL. EM ESD	ELECTRICAL CONTRACTOR ELECTRICAL EQUIPMENT BUILDING EXHAUST FAN ELEVATION EMERGENCY EMERGENCY SHUTDOWN	KCMIL KV KVA KW	THOUSAND CIRCULAR MILS KILOVOLT KILOVOLT.AMPERES KILOWATT L POUNDS	Ø PB PNL PR PE PHWP	PHASE PULL BOX PANEL PAIR PHOTO ELECTRIC HEAT PUMP	UG UL V	UNDERGROUND UNDERWRITER'S LABORATORIES V VOLTS
AFG AIC ALUM AT	ABOVE FINISHED GRADE AMPERES INTERRUPTING CAPACITY ALUMINUM AMPERE TRIP	EWC EXIST	ELECTRIC WATER COOLER EXISTING F	LBS. LEV LTG. LV	LEVEL LIGHTING LOW VOLTAGE	PRI PIR PT PVC	PRIMARY PASSIVE INFRARED POTENTIAL TRANSFORMER POLYVINYL CHLORIDE	V VAC VDC	VOLTAGE, ALTERNATING CURRENT VOLTAGE, DIRECT CURRENT
AWG AHU	AMERICAN WIRE GAGE AIR HANDLING UNIT C	FC FF FLA FL	FOOT CANDLE FINISHED FLOOR FULL LOAD AMPS FLUORESCENT	MCB MISC	M MAIN CIRCUIT BREAKER MISCELLANEOUS	PWR	POWER RECEPTACLE	W WP	WATTS, WIRE, WIDTH WEATHERPROOF
C CB CC	CONDUIT CIRCUIT BREAKER COMPRESSOR	FREQ. FT.	FREQUENCY FOOT; FEET G	MLO MTD MH	MAIN LUGS ONLY MOUNTED MOUNTING HEIGHT	REC REQ'D. RGS RM	REQUIRED RIGID GALVANIZED STEEL ROOM	XFMR	X TRANSFORMER
CKT CL COND CT CU	CIRCUIT CLASS CONDUCTOR(S) CURRENT TRANSFORMER COPPER	G GALV GFI GND	GROUND GALVANIZED GROUND FAULT INTERRUPTER GROUND	N NEC N.C. N.O.	N NEUTRAL NATIONAL ELECTRICAL CODE NORMALLY CLOSED NORMALLY OPEN	RT SEC SMK	RAINTIGHT S SECONDARY SMOKE		
COMM CWP	COMMUNICATION CHILLED WATER PUMP	HP HPS HV HZ	H HORSEPOWER HIGH PRESSURE SODIUM HIGH VOLTAGE HERTZ	NF NFPA NL NTS	NONFUSED NATIONAL FIRE PROTECTION ASSOCIATION UN SWITCHED NIGHT LIGHT NOT TO SCALE O	SPC SR SS STD SUPVR SWBD	SINGLE POINT CONNECTION SUNRISE SUNSET STANDARD SUPERVISORY SWITCHBOARD		
DC DET.	DIRECT CURRENT DETECTOR	JB	J JUNCTION BOX	OC OL	ON CENTER OVERLOAD CONTACT		Т		
						TYP	TYPICAL		

							Τ	YP TYPICAL
				FE	EDER SCHEDULE			
FOR REEL DRY INTE WET EXTE	FER OUTL RIOR LOC ERIOR LOC	INSUL. COPPER CONDUCTOR AMPACITY BASE LET ASSEMBLIES: XHHW—2 TYPE TC CABLE IN CATIONS: EMT WITH CAST COMPRESSION FITTING CATIONS: RGS WITH CAST FITTINGS STALLATIONS: SCHEDULE 80 PVC BELOW SLAE	BASED ON (90° IGS	P. RATIN	NG) IN RIGID METAL CONDUIT RATING) IN RIGID METAL CONDUIT			
FEEDEF DESIGN	SIGNATION		FEEDER DESIGNATIO)N	3PH+N+G PHASE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE	FEEDER DESIGNATIO	ON	2 WIRE + NEUTRAL + GND. OR 2 WIRE + GND. OR 1 WIRE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE
20	3#12-	+#12 GND., 3/4"C	(20N)	4#12	2+#12 GND., 3/4"C	20S	2#12	2+#12 GND., 3/4"C
30	3#10-	+#10 GND., 3/4"C	30N	4#10	0+#10 GND., 3/4°C	30S	2#10	0+#10 GND., 3/4"C
50	3#8+	#10 GND., 1"C	(50N)	4#8-	+#10 GND., 1"C	(50S)	2#8-	+#10 GND., 1"C
65	3#6+	#8 GND., 1"C	(65N)	4#6-	+#8 GND., 1 1/4"C	(65S)	2#6-	+#8 GND., 1"C
85	3#4+	#8 GND., 1 1/4"C	(85N)	4#4-	+#8 GND., 1 1/4"C	(85S)	2#4-	+#8 GND., 1 1/4"C
(100)	3#3+	#8 GND., 1 1/4"C	(100N)	4#3-	+#8 GND., 1 1/2"C	(100S)	2#3-	+#8 GND., 1 1/4"C
(115)	3#2+	#6 GND., 1 1/2"C	(115N)	4#2-	+#6 GND., 1 1/2"C	(115S)	2#2-	+#6 GND., 1 1/2"C
130	3#1+	#6 GND., 1 1/2"C	(130N)	4#1-	+#6 GND., 2"C	(130S)	2#1-	+#6 GND., 1 1/2"C
(150)	3#1/0	0+#6 GND., 2"C	(150N)	4#1,	/0+#6 GND., 2"C	(150S)	2#1,	/0+#6 GND., 2"C
175	3#2/	0+#6 GND., 2"C	(175N)	4#2,	/0+#6 GND., 2 1/2"C	(175S)	2#2,	/0+#6 GND., 2"C
200	3#3/	0+#6 GND., 2"C	(200N)	4#3,	/0+#6 GND., 2 1/2"C	(200S)	2#3,	/0+#6 GND., 2"C
230	3#3/	0+#4 GND., 2"C	(230N)	4#4,	/0+#4 GND., 3"C	(230S)	2#4,	/0+#4 GND., 2 1/2"C
255	3#250	O+#4 GND., 2 1/2"C	(255N)	4#25	50+#4 GND., 3"C	(255S)	2#25	50+#4 GND., 2 1/2"C
285	3#300	D+#4 GND., 3"C	(285N)	4#30	00+#4 GND., 3"C	(285S)	2#30	00+#4 GND., 3"C
(310)	3#350	D+#3 GND., 3"C	(310N)	4#35	50+#3 GND., 4"C	(310S)	2#35	50+#3 GND., 3"C
335	3#400	D+#3 GND., 3"C	(335N)	4#40	00+#3 GND., 4"C	(335S)	2#40	00+#3 GND., 4"C
380	3#500	D+#3 GND., 4"C	(380N)	4#50	00+#3 GND., 4"C	(380S)	2#50	00+#3 GND., 4"C
(400)	2 SET	TS(3#3/0+#3 GND., 2"C)	(400N)	2 SE	ETS(4#3/0+#3 GND., 2 1/2°C)			
(420)	3#600	O+#2 GND., 4"C	(420N)	4#60	00+#2 GND., 4"C			
460	2 SET	TS(3#4/0+#2 GND., 2"C)	(460N)	2 SE	ETS(4#4/0+#2 GND., 2 1/2°C)			
(510)	2 SET	ΓS(3#250+#1 GND., 2 1/2°C)	(510N)	2 SE	ETS(4#250+#1 GND., 3"C)			
570	2 SET	TS(3#300+#4 GND., 2 1/2"C)	(570N)	2 SE	ETS(4#300+#4 GND., 3"C)			
620	2 SET	TS(3#350+#1/0 GND., 3"C)	(620N)	2 SE	ETS(4#350+#1/0 GND., 3"C)			
760	2 SET	TS(3#500+#1/0 GND., 3"C)	(760N)	2 SE	ETS(4#500+#1/0 GND., 4"C)			
840	2 SE	TS(3#600+#2/0 GND., 4"C)	(840N)	2 SI	ETS(4#600+#2/0 GND., 4"C)			
855	3 SET	rs(3#300+#2/0 GND., 2 1/2°C)	(855N)	3 SI	ETS(4#300+#2/0 GND., 3"C)	1		
						1		

1005N 3 SETS(4#400+#3/0 GND., 3"C)

(1240N) 4 SETS(4#350+#4/0 GND., 4"C)

1650N 5 SETS(4#400+#250 GND., 4"C)
2010N 6 SETS(4#400+#350 GND., 4"C)

(2660N) 7 SETS(4#500+#400 GND., 4"C)

3040N 8 SETS(4#500+#500 GND., 4"C)

(4180N) 11 SETS(4#500+#700 GND., 4"C)

1005 3 SETS(3#400+#3/0 GND., 3"C)

1240 4 SETS(3#350+#4/0 GND., 3"C) 1650 5 SETS(3#400+#250 GND., 3"C)

2010 6 SETS(3#400+#350 GND., 3"C)

2660 7 SETS(3#500+#450 GND., 4"C)
3040 8 SETS(3#500+#500 GND., 4"C)

4180 | 11 SETS(3#500+#700 GND., 4"C)

MV500 3 #500 KCMIL+#4/0 GND., 5"C

EQUIPMENT BY OTHERS

THE FOLLOWING EQUIPMENT SHALL BE SUPPLIED BY THE OWNER; INSTALLED AND COMMISSIONED BY THE CONTRACTOR. CONTRACTOR SHALL INSTALL PER SPECIFICATIONS AND EQUIPMENT DOCUMENTATION FOR A COMPLETE AND OPERABLE SYSTEM:

REEFER PLUGS
 2-GANG REEFER OUTLET ASSEMBLY, 480VAC, 3-PHASE, 3-WIRE, 60 AMP. NOTE THAT RR3N-16 IS A 35 KAIC RATED REEFER OUTLET ASSEMBLY AND RR3N-17 IS A 65 KAIC RATED REEFER OUTLET ASSEMBLY.
 4-GANG REEFER OUTLET ASSEMBLY, 480VAC, 3-PHASE, 3-WIRE, 120 AMP.

CONTRACTOR SHALL PROVIDE ALL MISC. EQUIPMENT REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.

DESIGN GROUP

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ELEVATED REEFER PLUGS PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY

30TH AVENUE GULFPORT, MS 395

SCALE: NOT TO SCALE
PROJECT NO: 0297.22.002
DRAWN BY: KDB

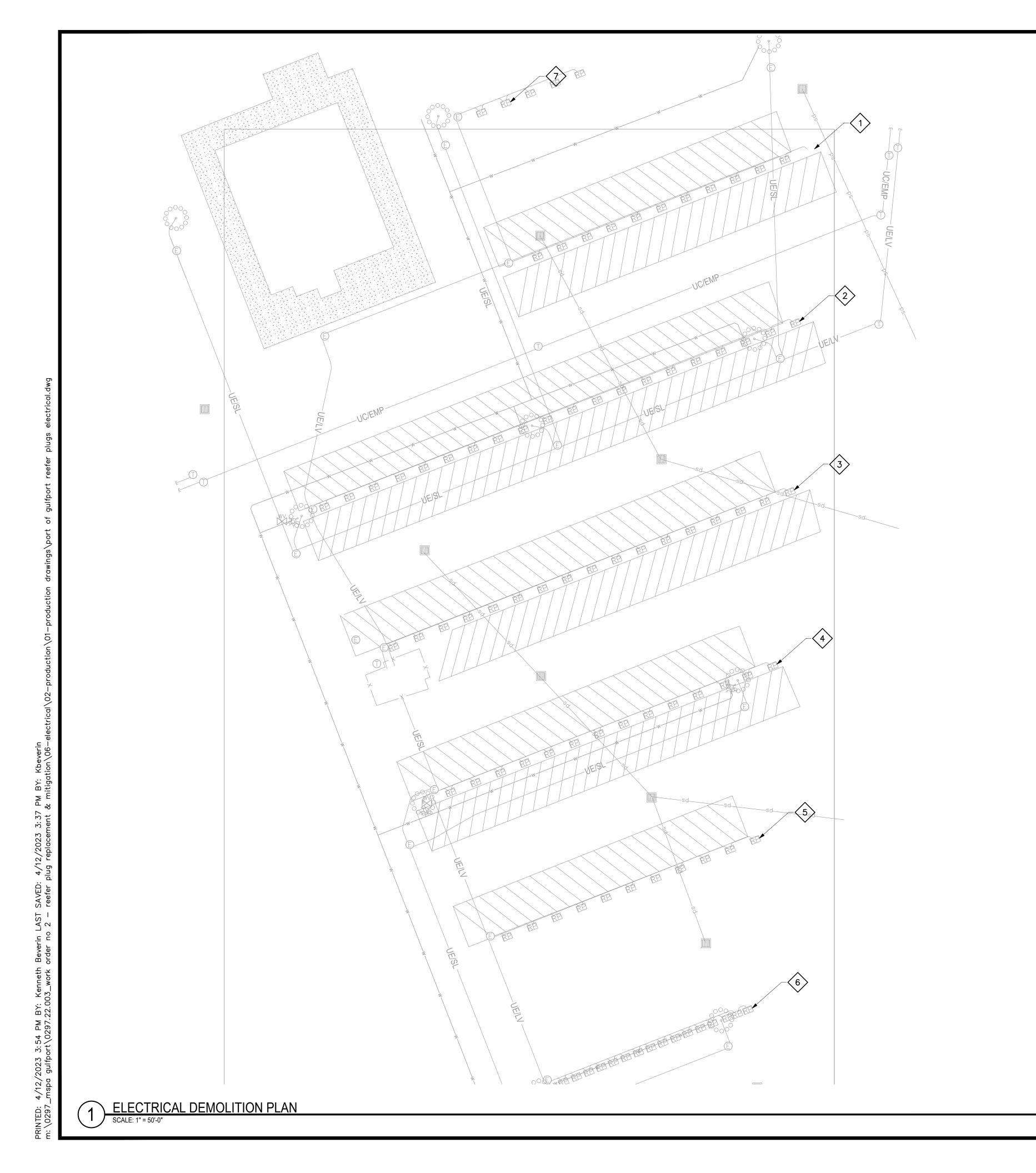
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BBREVIATIONS &

ELECTRICAL ABBRE
SCHEDULES

IO. DATE REVISION / SUBMITTAL
EV 0 4/13/2023 ISSUED FOR CONSTRUCTION

E002



DRAWING E011 NOTES

- CONTRACTOR SHALL REMOVE EXISTING REEFER OUTLET ASSEMBLIES AND METAL LIDS. CONTRACTOR SHALL TURN OVER THIS EQUIPMENT TO THE OWNER. CONTRACTOR SHALL DEMOLISH AND HAUL OFF ALL OTHER EQUIPMENT.
- 2. CONTRACTOR SHALL NOTIFY PORT OF GULFPORT AT LEAST 2 WEEKS IN ADVANCE OF ANY WORK WHICH SHALL RESULT IN OUTAGE OF POWER OR COMMUNICATIONS.
- 3. CONTRACTOR SHALL RESTORE SURFACE GRADE MATERIALS TO LIKE NEW CONDITION.
- 4. DEMOLITION DRAWING SHOWS TYPICAL EQUIPMENT TO BE DEMOLISHED, ALL ITEMS MAY NOT BE SHOWN. CONTRACTOR SHALL COORDINATE IN THE FIELD AND WITH THE CONSTRUCTION MANAGER FOR COMPLETE DEMOLITION SCOPE OF WORK.

DRAWING E011 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 12 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.
- CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 20 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES
- CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 17 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.
- CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 14 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.
- CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 11 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.

 CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 16 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.
- 7 CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 5 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES.

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ELEVATED REEFER PLUGS
PORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY

SCALE: AS INDICATED PROJECT NO: 0297,22,002

DRAWN BY: KDB
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OLITION PLAN

E REVISION / SUBMITTAL

ISSUED FOR CONSTRUCTION

E011

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

1"

IF NOT ONE INCH ON THIS SHEET, ADJUST



DRAWING E012 NOTES

- CONTRACTOR SHALL REMOVE EXISTING REEFER OUTLET ASSEMBLIES AND METAL LIDS. CONTRACTOR SHALL TURN OVER THIS EQUIPMENT TO THE OWNER. CONTRACTOR SHALL DEMOLISH AND HAUL OFF ALL OTHER EQUIPMENT.
- 2. CONTRACTOR SHALL NOTIFY PORT OF GULFPORT AT LEAST 2 WEEKS IN ADVANCE OF ANY WORK WHICH SHALL RESULT IN OUTAGE OF POWER OR COMMUNICATIONS.
- 3. CONTRACTOR SHALL RESTORE SURFACE GRADE MATERIALS TO LIKE NEW CONDITION.
- 4. DEMOLITION DRAWING SHOWS TYPICAL EQUIPMENT TO BE DEMOLISHED, ALL ITEMS MAY NOT BE SHOWN. CONTRACTOR SHALL COORDINATE IN THE FIELD AND WITH THE CONSTRUCTION MANAGER FOR COMPLETE DEMOLITION SCOPE OF WORK.

DRAWING E012 SPECIFIC NOTES

CONTRACTOR SHALL DEMOLISH REEFER OUTLET ASSEMBLIES (TYPICAL FOR 5 IN THIS ROW). CONTRACTOR SHALL RESERVE FEEDER CONDUCTOR FOR NEW REEFER OUTLET ASSEMBLIES. REEFER OUTLET ASSEMBLIES RR-11W-16, RR-11W-17, RR-11W-18, RR-11W-19 AND RR-11W-20.

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ELEVATED REEFER PLUGS
PORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY

SCALE: AS INDICATED PROJECT NO: 0297.22.002 DRAWN BY: KDB

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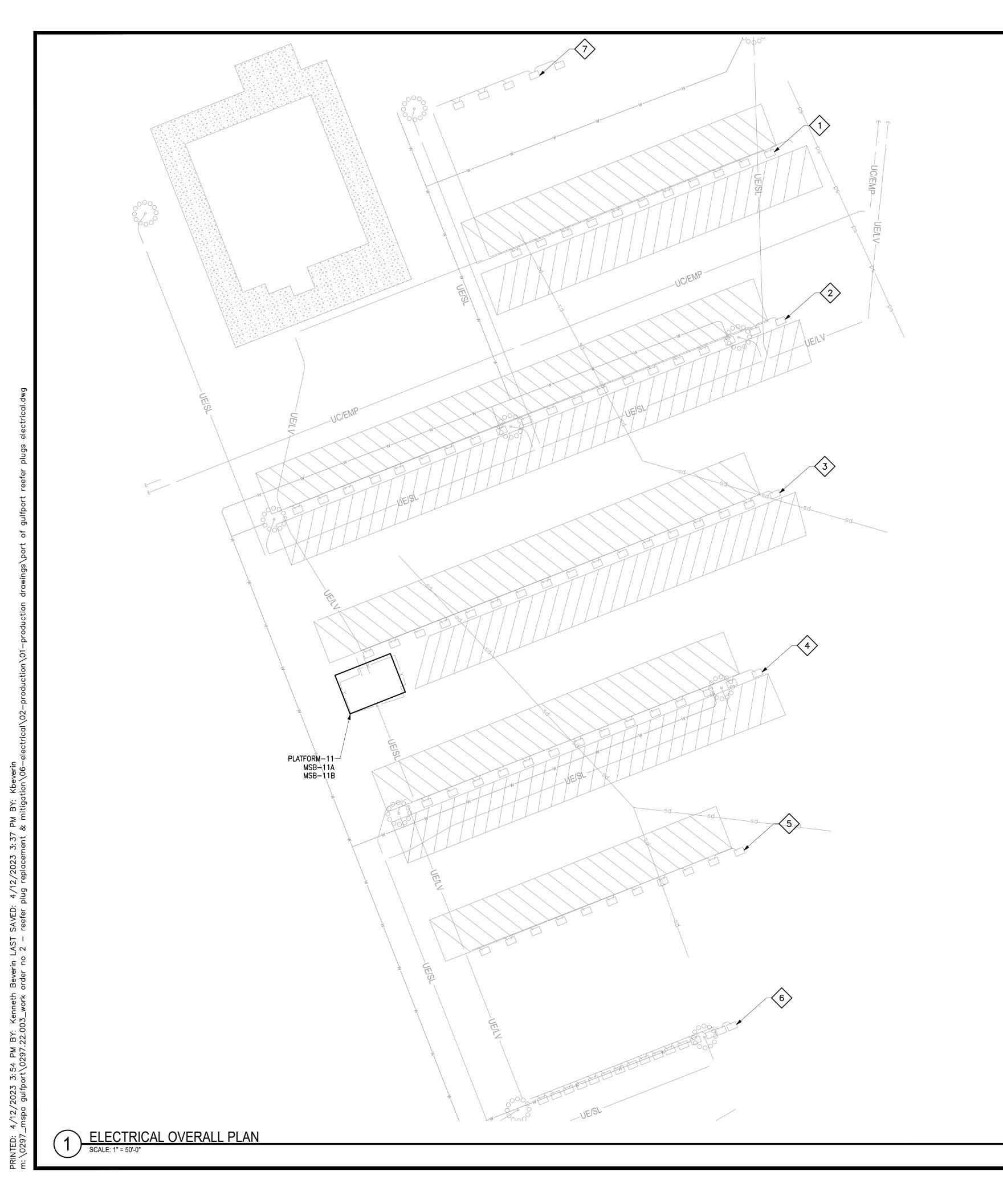
AL DEMOLITION PLAN

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	REVISION / SUBMITTAL	ISSUED FOR CONSTRUCTION					
	DATE	4/13/2023					

E012

VERIFY SCALES

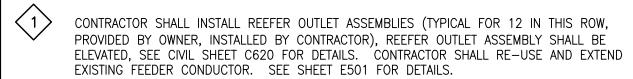
BAR IS ONE INCH ON ORIGINAL DRAWING



DRAWING E101 NOTES

- 1. ALL EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
- 2. ALL REEFER OUTLET ASSEMBLIES ARE OWNER FURNISHED EQUIPMENT. SEE SHEET E002 FOR

DRAWING E101 SPECIFIC NOTES



CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 20 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE—USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 17 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE-USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 14 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE-USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 11 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE-USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 16 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE-USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL INSTALL REEFER OUTLET ASSEMBLIES (TYPICAL FOR 5 IN THIS ROW, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR), REEFER OUTLET ASSEMBLY SHALL BE ELEVATED, SEE CIVIL SHEET C620 FOR DETAILS. CONTRACTOR SHALL RE-USE AND EXTEND EXISTING FEEDER CONDUCTOR. SEE SHEET E501 FOR DETAILS.

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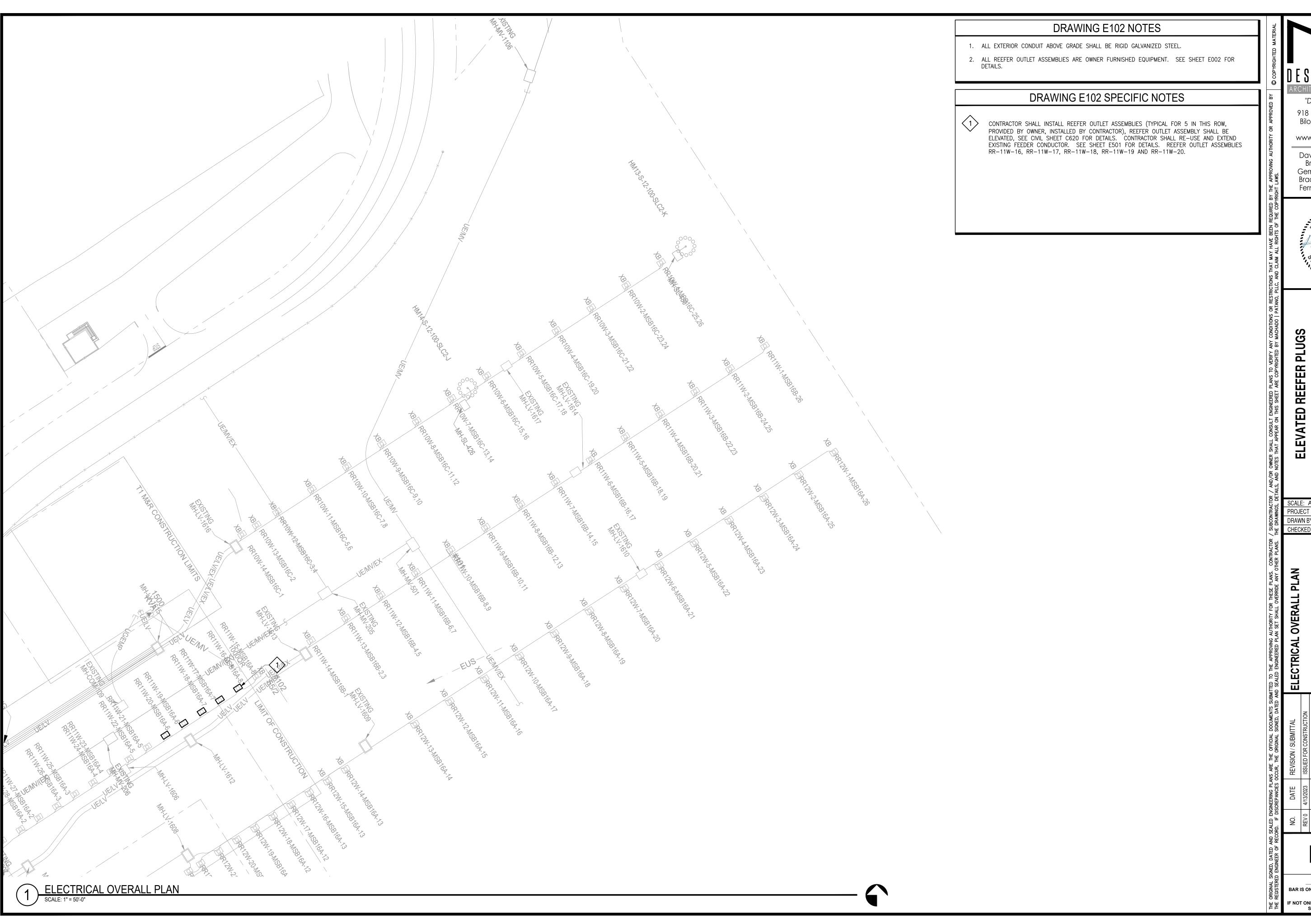


ORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS

SCALE: AS INDICATED PROJECT NO: 0297.22.002

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING NOT ONE INCH ON THIS SHEET, ADJUS

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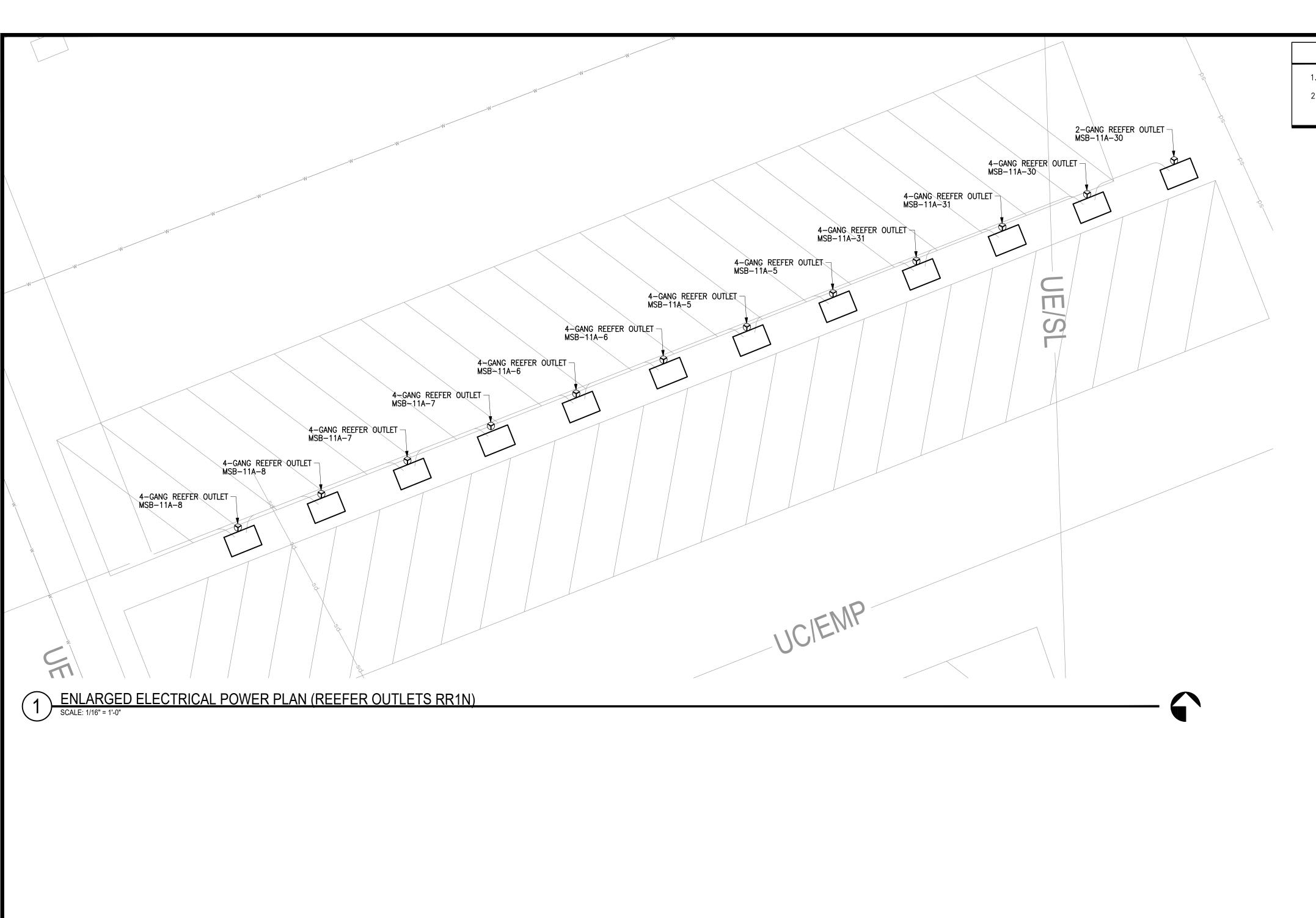


PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY

SCALE: AS INDICATED PROJECT NO: 0297,22,002

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DATE	4/13/2023					
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DRAWING E111 NOTES

- 1. ALL EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
- 2. ALL REEFER OUTLET ASSEMBLIES ARE OWNER FURNISHED EQUIPMENT. SEE SHEET E002 FOR DETAILS.

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ELEVATED REEFER PLUGS
PORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY

SCALE: AS INDICATED PROJECT NO: 0297.22.002 DRAWN BY: KDB

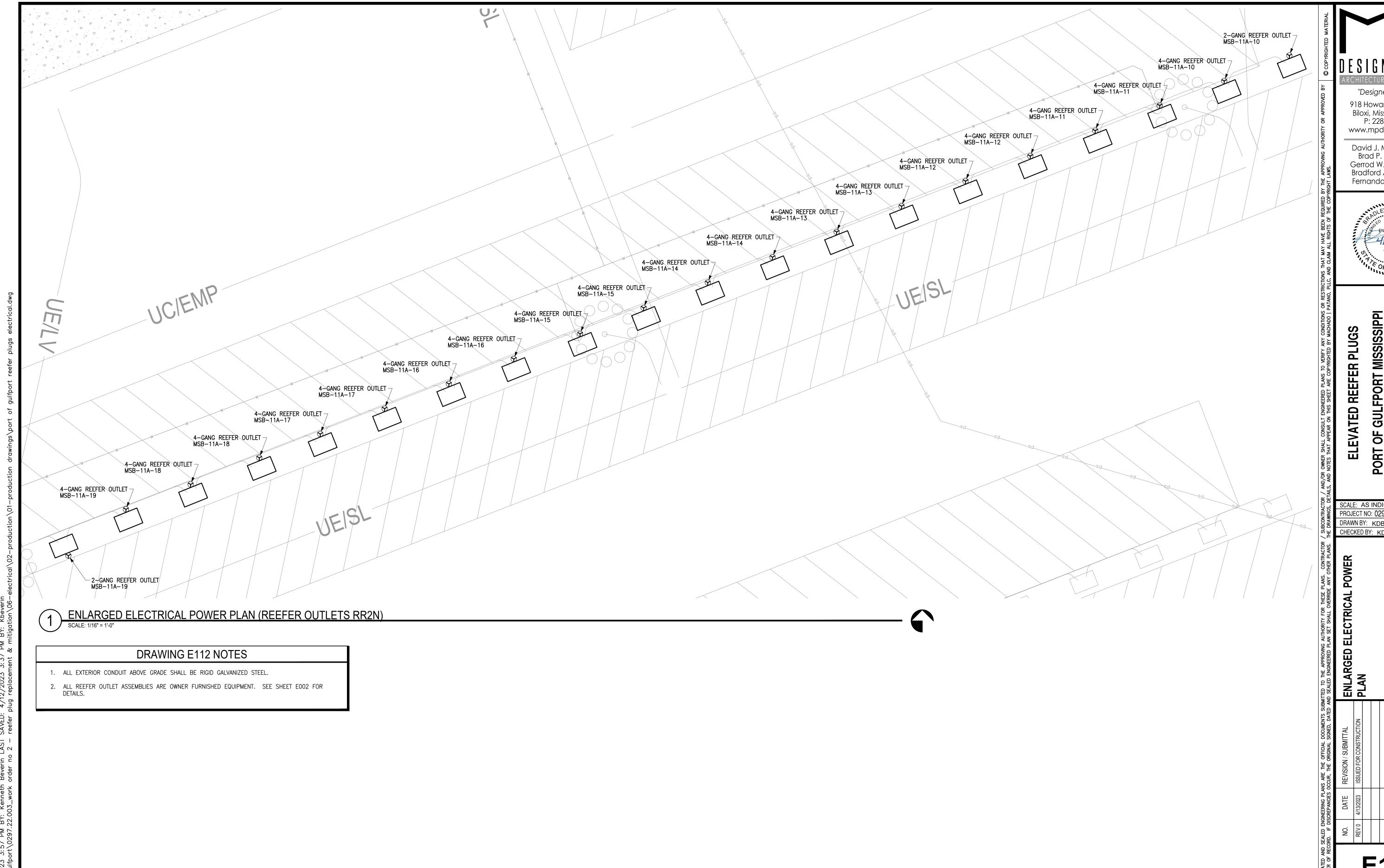
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ED PLAN SET SHALL OVERRIDE ANY OTHER PLANS. "

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DATE REVISION / SUBMITTAL ENL
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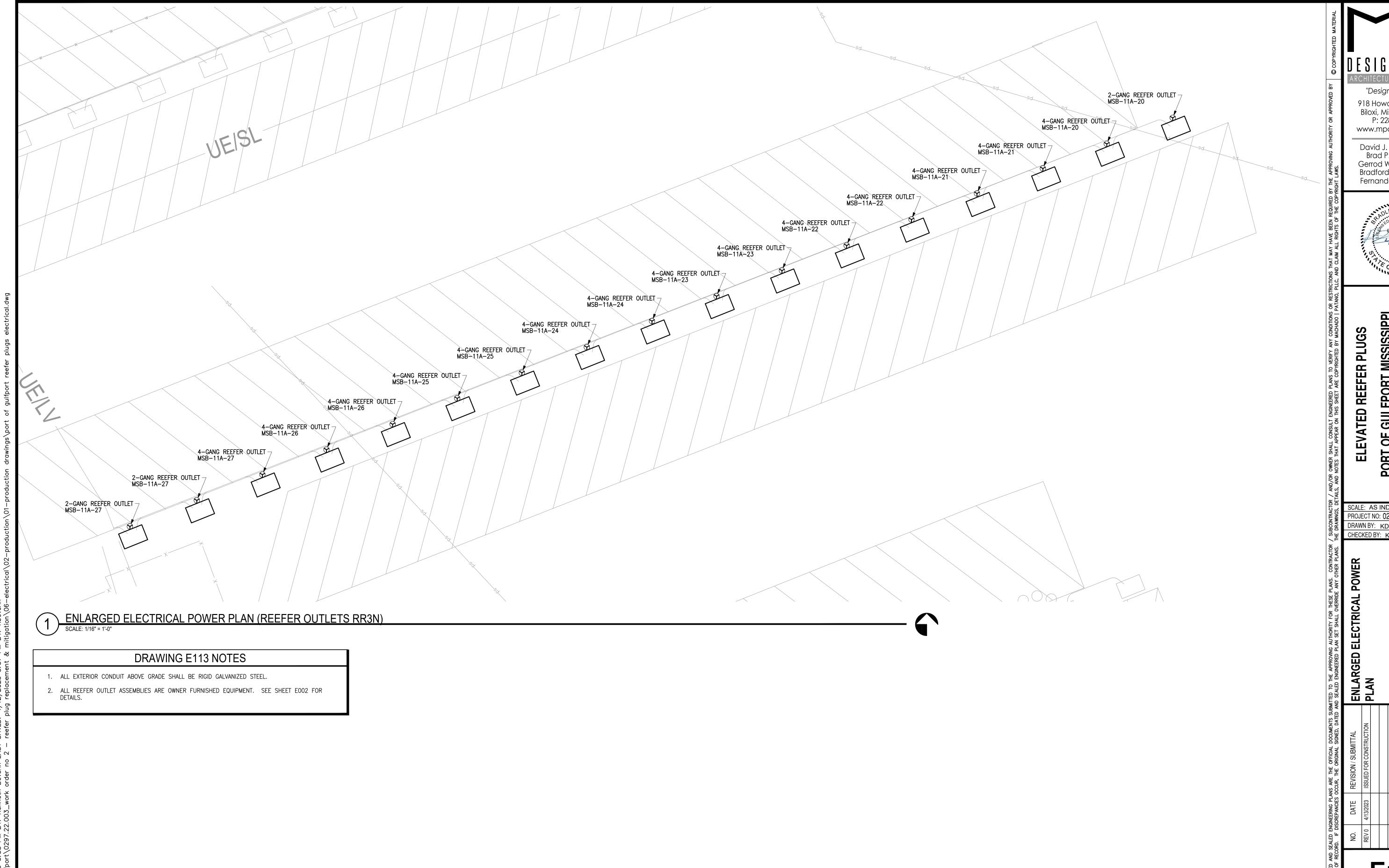


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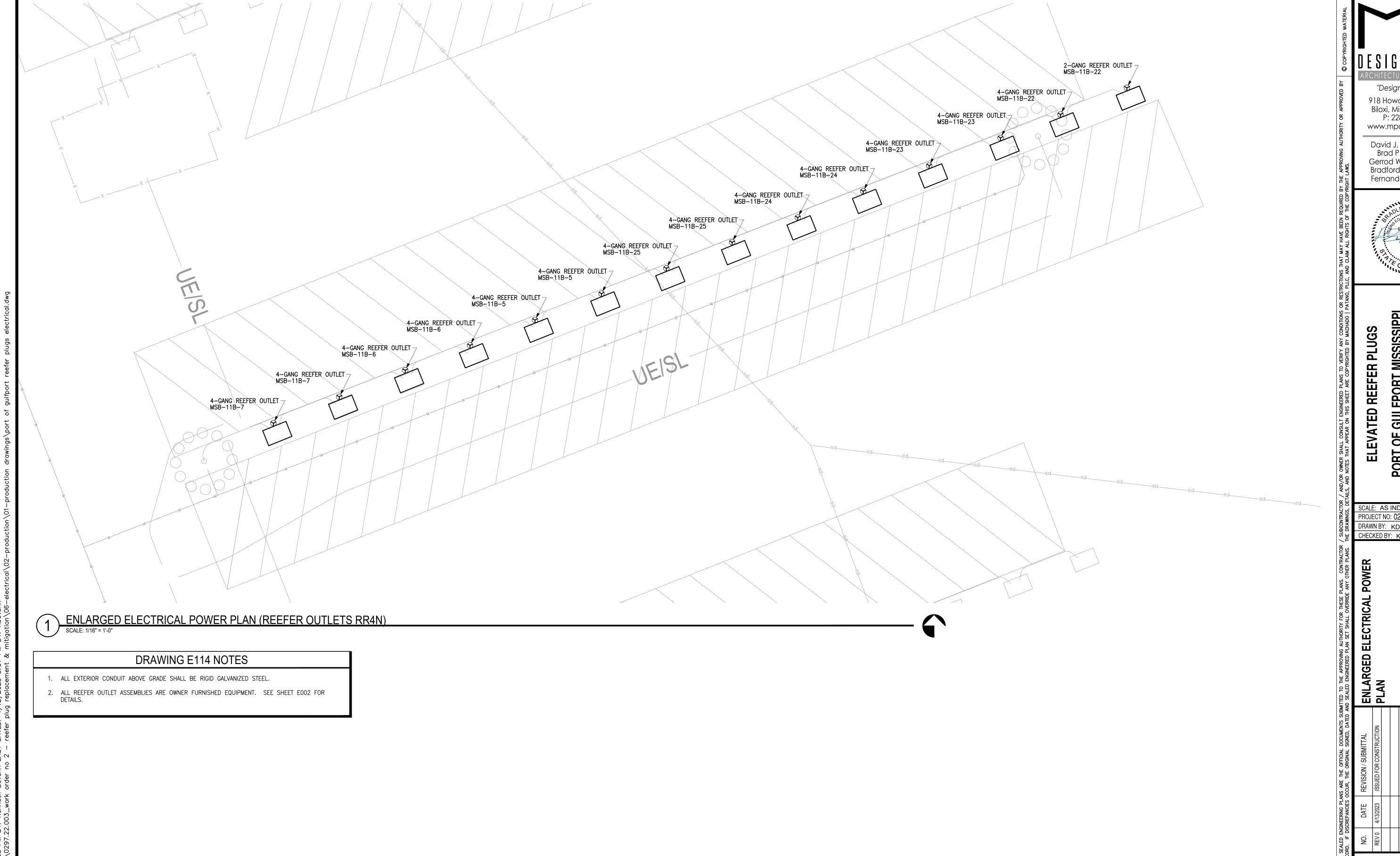


PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY 30TH AVENUE GULFPORT, MS 395

SCALE: AS INDICATED PROJECT NO: 0297.22.002

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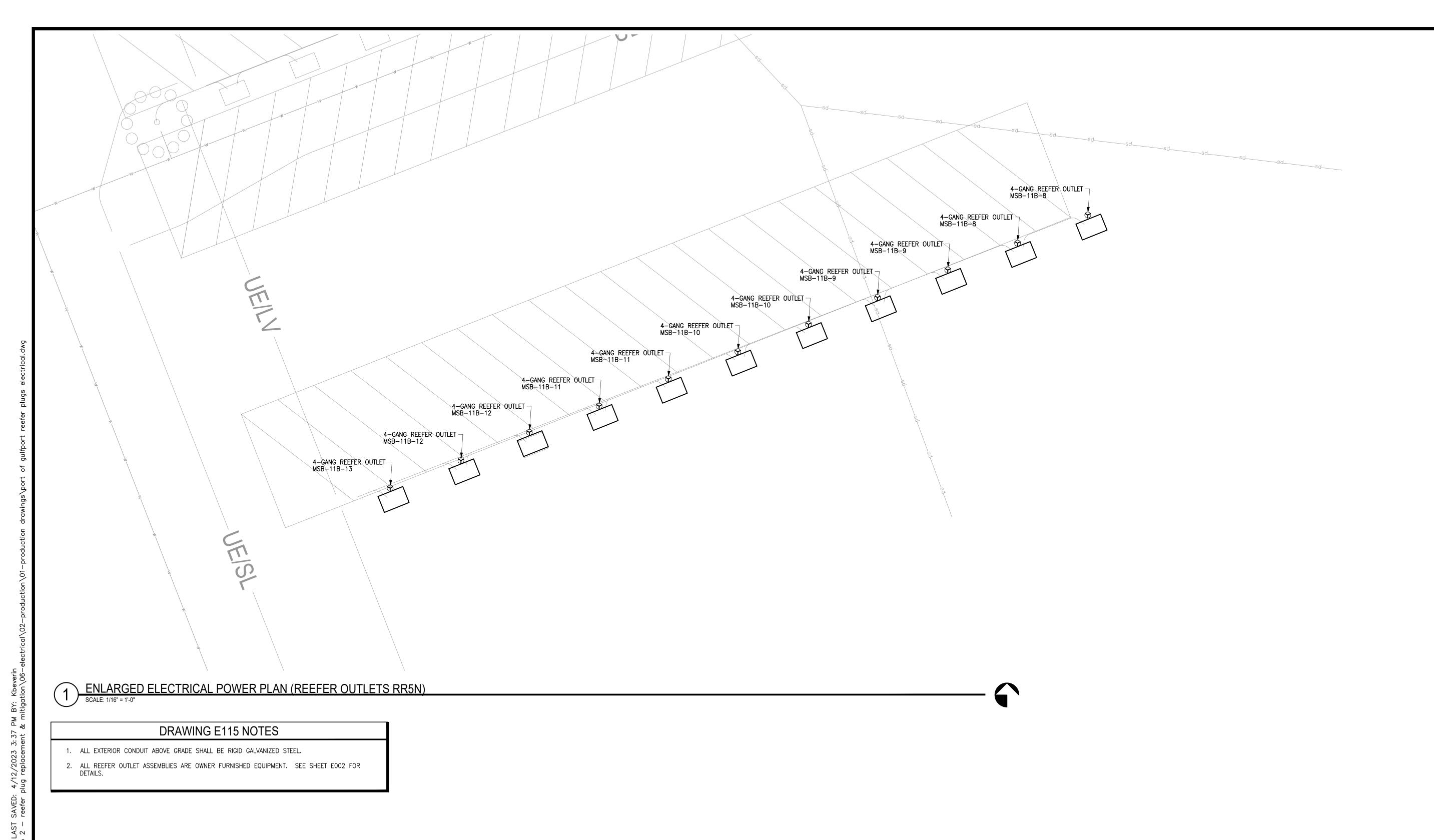
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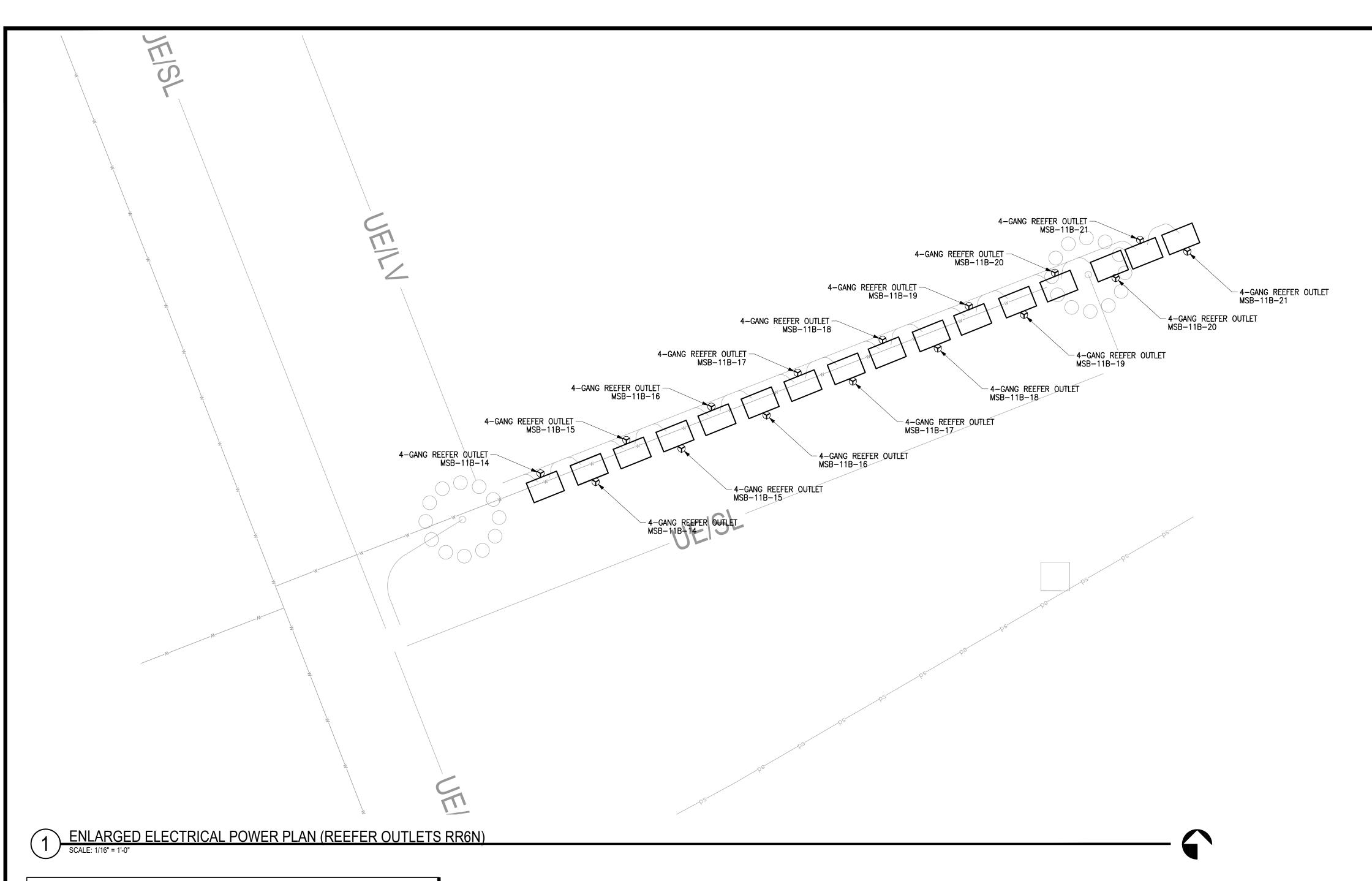


PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS

30TH AVENUE GULFPORT, MS 395

SCALE: AS INDICATED PROJECT NO: 0297.22.002

DRAWN BY: KDB



DRAWING E116 NOTES

1. ALL EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.

2. ALL REEFER OUTLET ASSEMBLIES ARE OWNER FURNISHED EQUIPMENT. SEE SHEET E002 FOR

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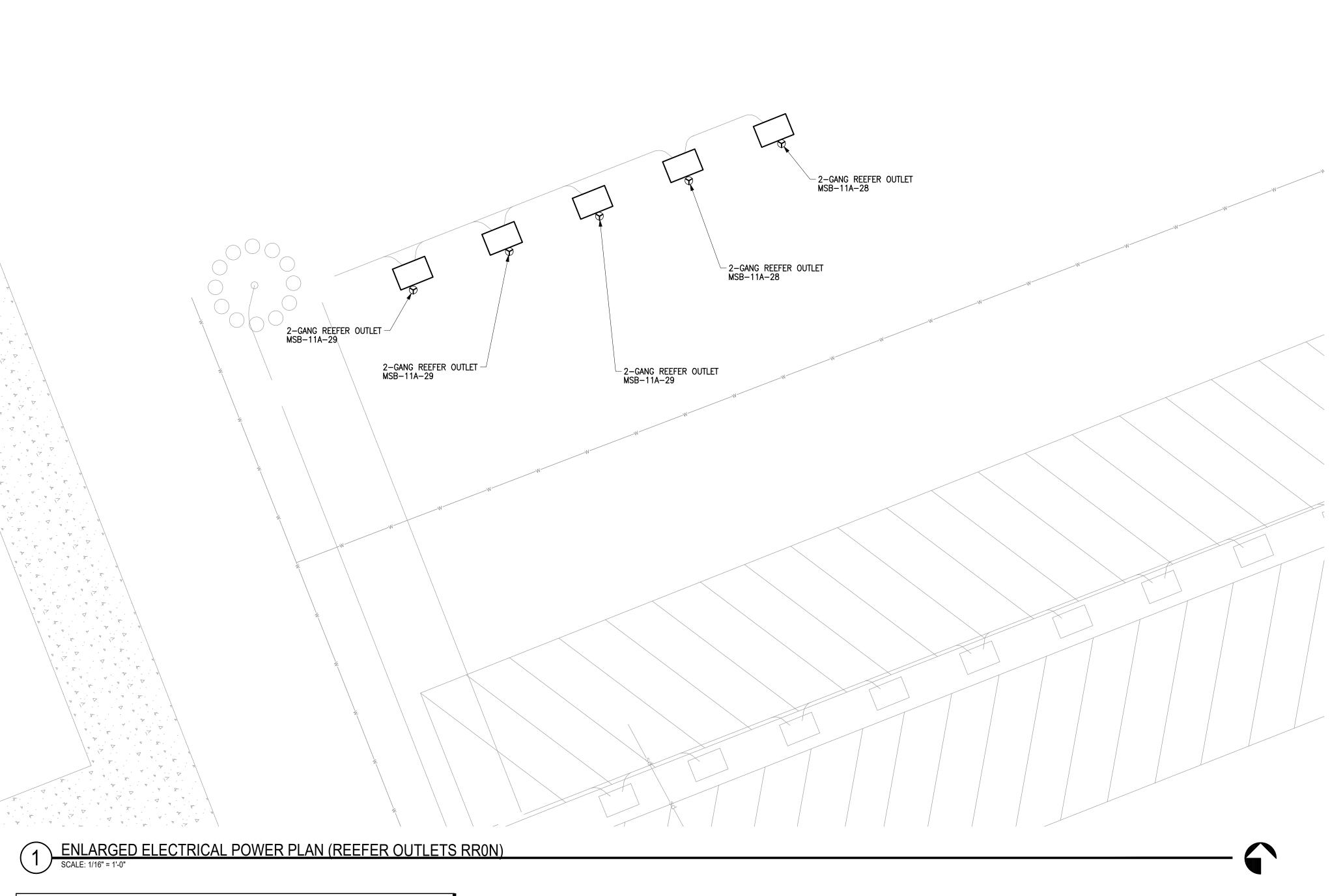
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PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS 30TH AVENUE GULFPORT, MS 395

SCALE: AS INDICATED PROJECT NO: 0297,22,002

DRAWN BY: KDB



DRAWING E117 NOTES

1. ALL EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.

2. ALL REEFER OUTLET ASSEMBLIES ARE OWNER FURNISHED EQUIPMENT. SEE SHEET E002 FOR

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ELEVATED REEFER PLUGS
PORT OF GULFPORT MISSISSIPPI
STATE PORT AUTHORITY
30TH AVENUE
GULFPORT, MS 39501

SCALE: AS INDICATED
PROJECT NO: 0297.22.002
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RITY FOR THESE PLANS. CONTRACTOR / I SHALL OVERRIDE ANY OTHER PLANS. THE CTRICAL POWER

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DATE REVISION / SUBMITTAL **E**4/13/2023 ISSUED FOR CONSTRUCTION **P**

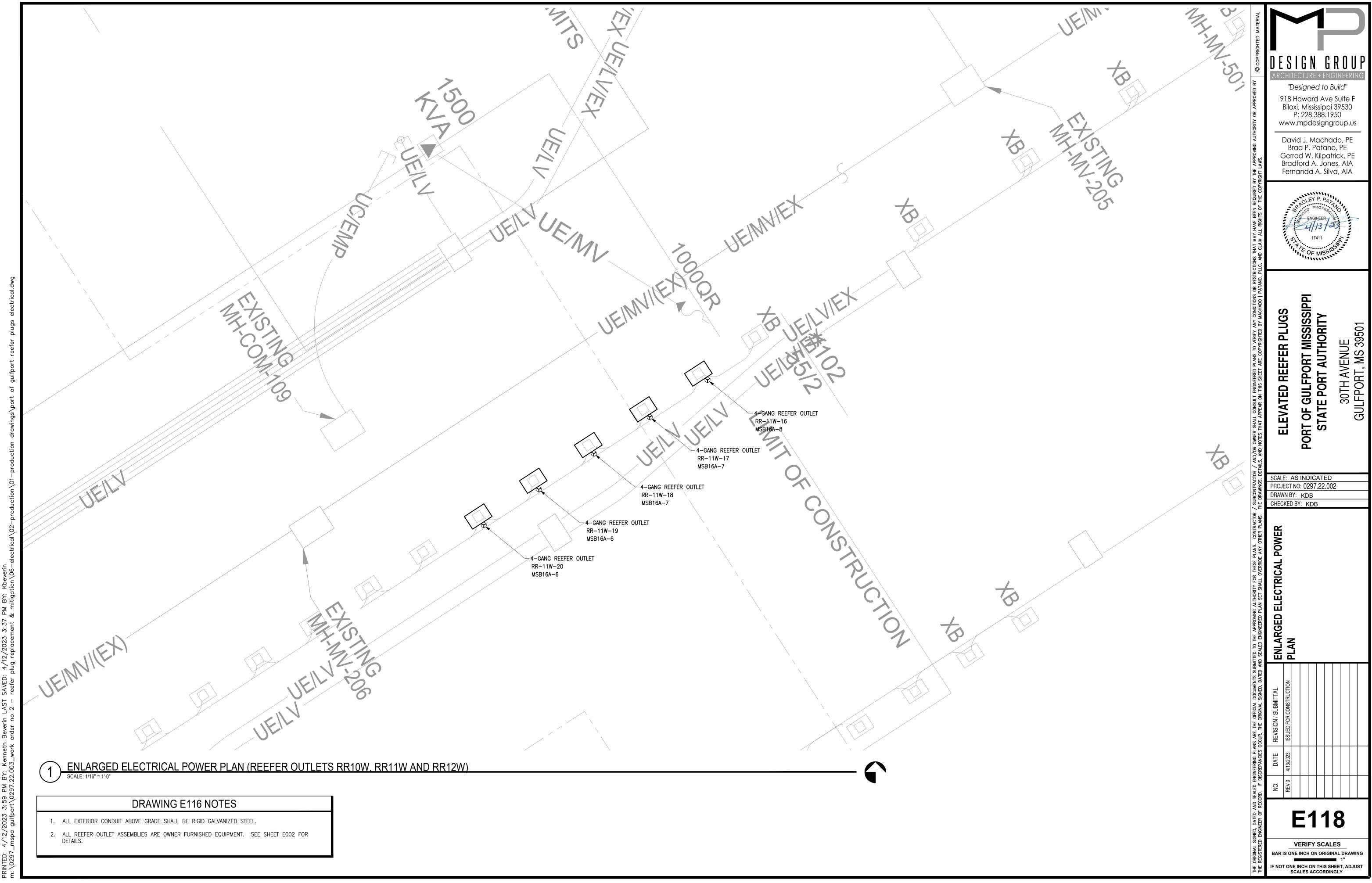
E117

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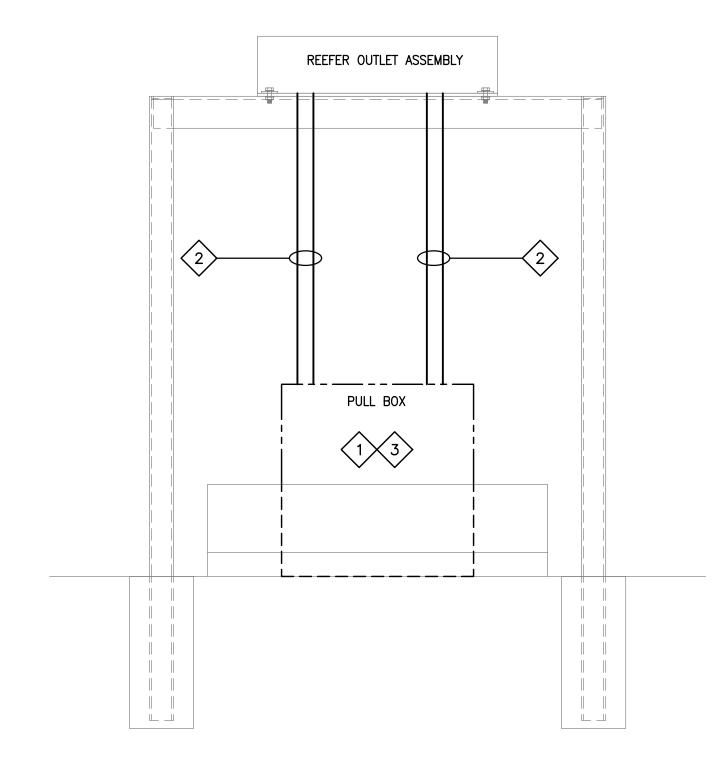
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1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY







REEFER OUTLET PEDESTAL ELECTRICAL DETAILS - BASE BID

SCALE: 1" = 1'-0"

NEMA 4X STAINLESS STEEL PULL BOX. 30"H X 30"L X 16"W. PULL BOX SHALL BE LOCATED SO THAT IT IS SITUATED OVER EXISTING CONDUITS PROTRUDING FROM THE GROUND. SEE CIVIL DRAWINGS FOR MOUNTING DETAILS.

2" RIGID GALVANIZED STEEL CONDUIT. CONTRACTOR SHALL USE MYER HUBS AT BOTH ENDS FOR TERMINATION INTO ENCLOSURES.

CONTRACTOR SHALL SPLICE EXISTING CABLE. CONTRACTOR SHALL USE WATERTIGHT CONNECTIONS. CONTRACTOR SHALL PROVIDE AND INSTALL 3-#3/0 AWG + 1-#4 AWG (G) XHHW-2 TYPE TC CONDUCTOR FROM NEW PULL BOX TO NEW ELEVATED REEFER OUTLET ASSEMBLY. SPLICES SHALL BE MADE WATERTIGHT.

DRAWING E501 SPECIFIC NOTES

"Designed to Build"

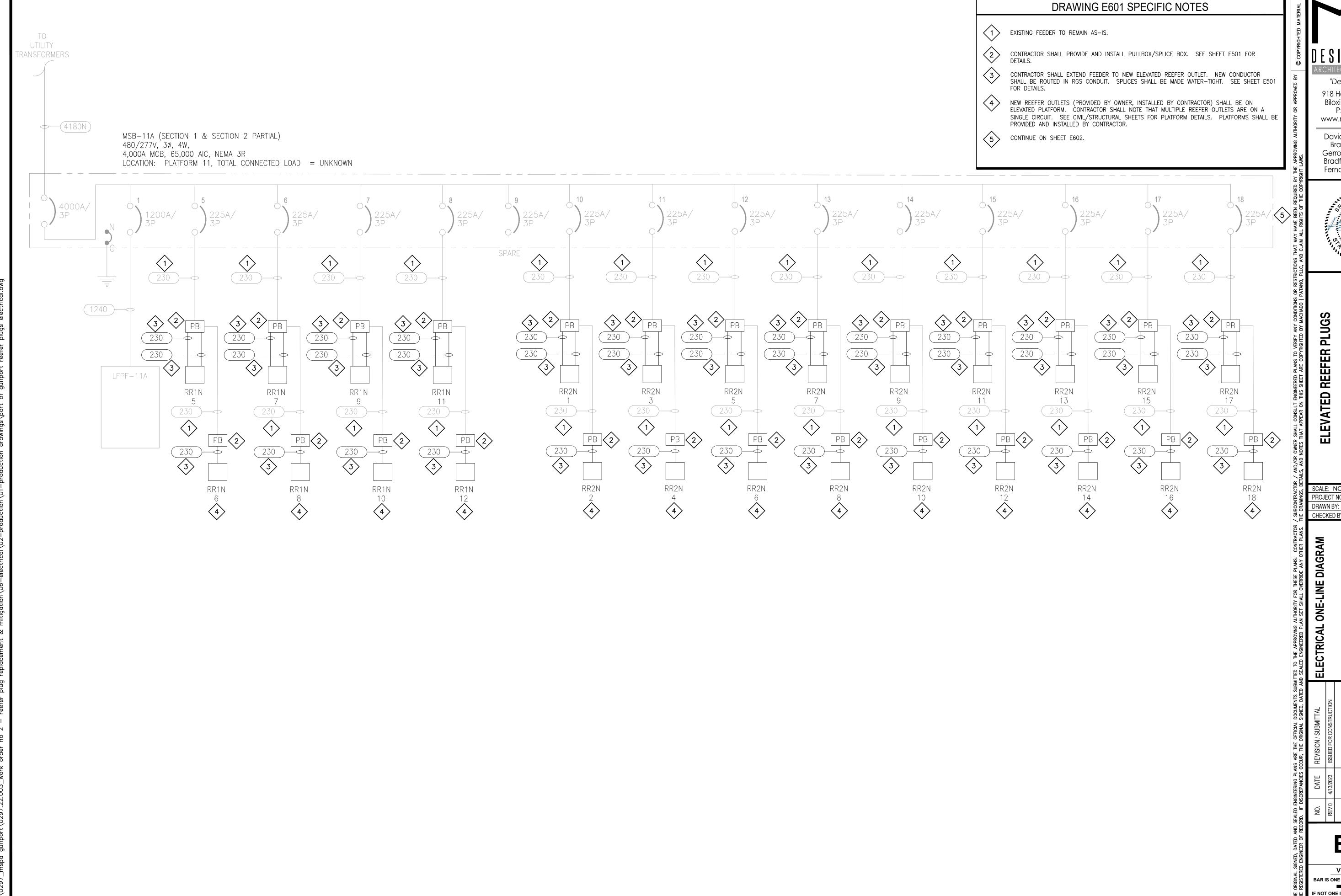
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PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY **ELEVATED REEFER PLUGS** 30TH AVENUE GULFPORT, MS 395

SCALE: NOT TO SCALE PROJECT NO: 0297.22.002 DRAWN BY: KDB



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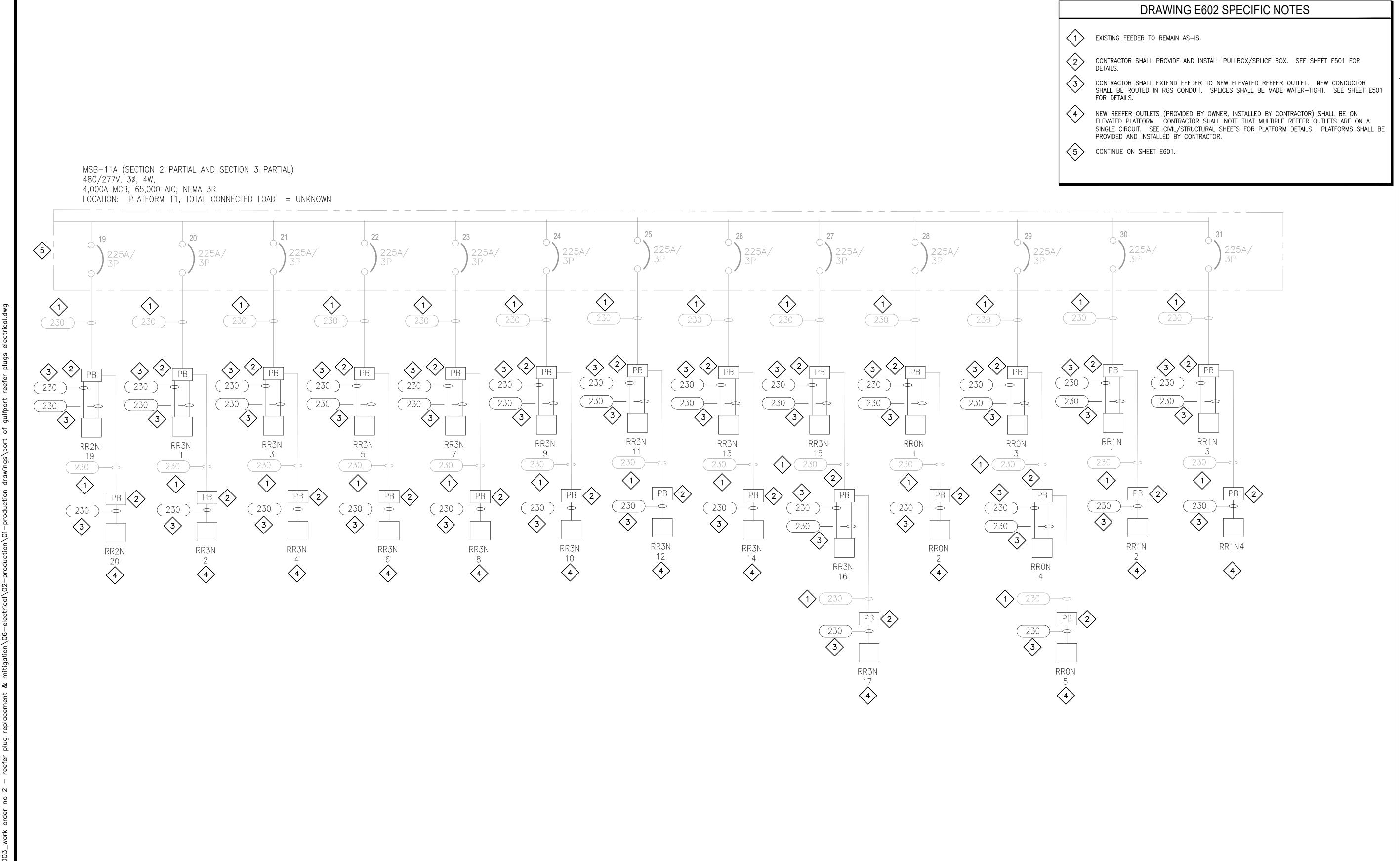


PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY

SCALE: NOT TO SCALE PROJECT NO: 0297.22.002

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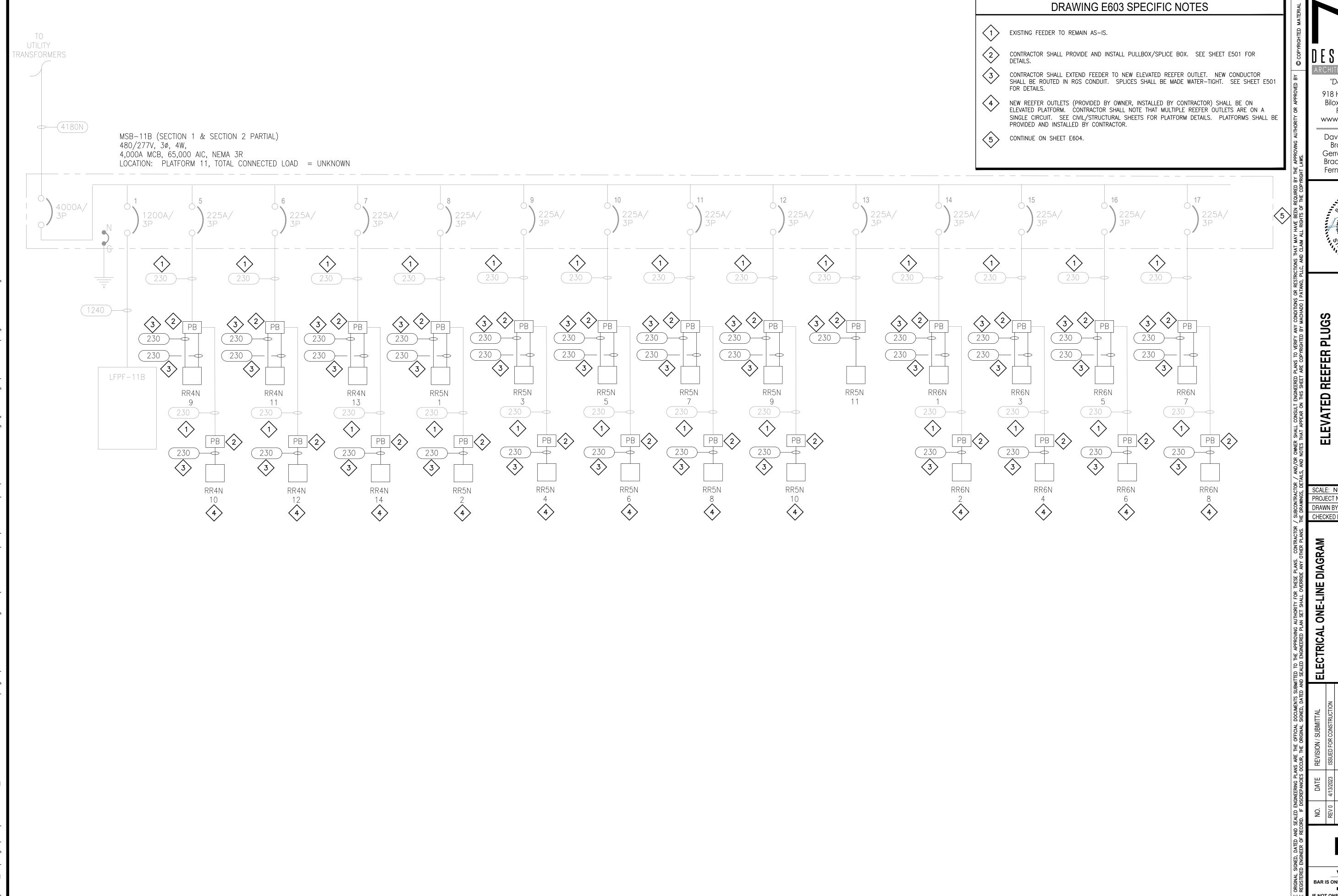
PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS 30TH AVENUE GULFPORT, MS 395

SCALE: NOT TO SCALE PROJECT NO: 0297.22.002

DRAWN BY: KDB

E602

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING F NOT ONE INCH ON THIS SHEET, ADJUST



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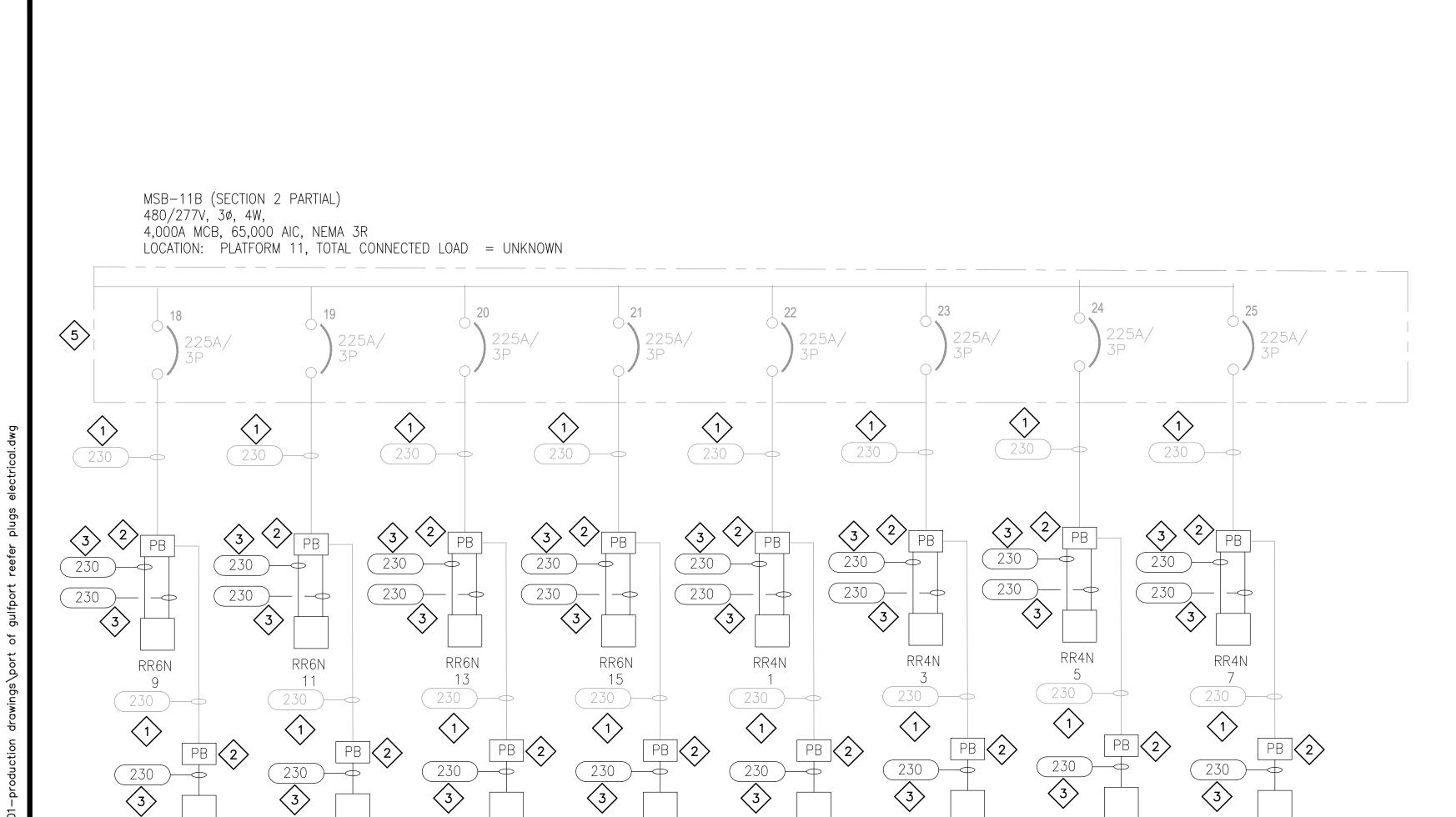
PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY 30TH AVENUE GULFPORT, MS 395

SCALE: NOT TO SCALE PROJECT NO: 0297.22.002

DRAWN BY: KDB

E603

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING



RR6N

RR6N

RR6N

RR4N

RR4N

RR4N

DRAWING E604 SPECIFIC NOTES

1) EXISTING FEEDER TO REMAIN AS-IS.

CONTRACTOR SHALL PROVIDE AND INSTALL PULLBOX/SPLICE BOX. SEE SHEET E501 FOR DETAILS.

CONTRACTOR SHALL EXTEND FEEDER TO NEW ELEVATED REEFER OUTLET. NEW CONDUCTOR SHALL BE ROUTED IN RGS CONDUIT. SPLICES SHALL BE MADE WATER—TIGHT. SEE SHEET E501 FOR DETAILS.

NEW REEFER OUTLETS (PROVIDED BY OWNER, INSTALLED BY CONTRACTOR) SHALL BE ON ELEVATED PLATFORM. CONTRACTOR SHALL NOTE THAT MULTIPLE REEFER OUTLETS ARE ON A SINGLE CIRCUIT. SEE CIVIL/STRUCTURAL SHEETS FOR PLATFORM DETAILS. PLATFORMS SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR.

5 CONTINUE ON SHEET E603.

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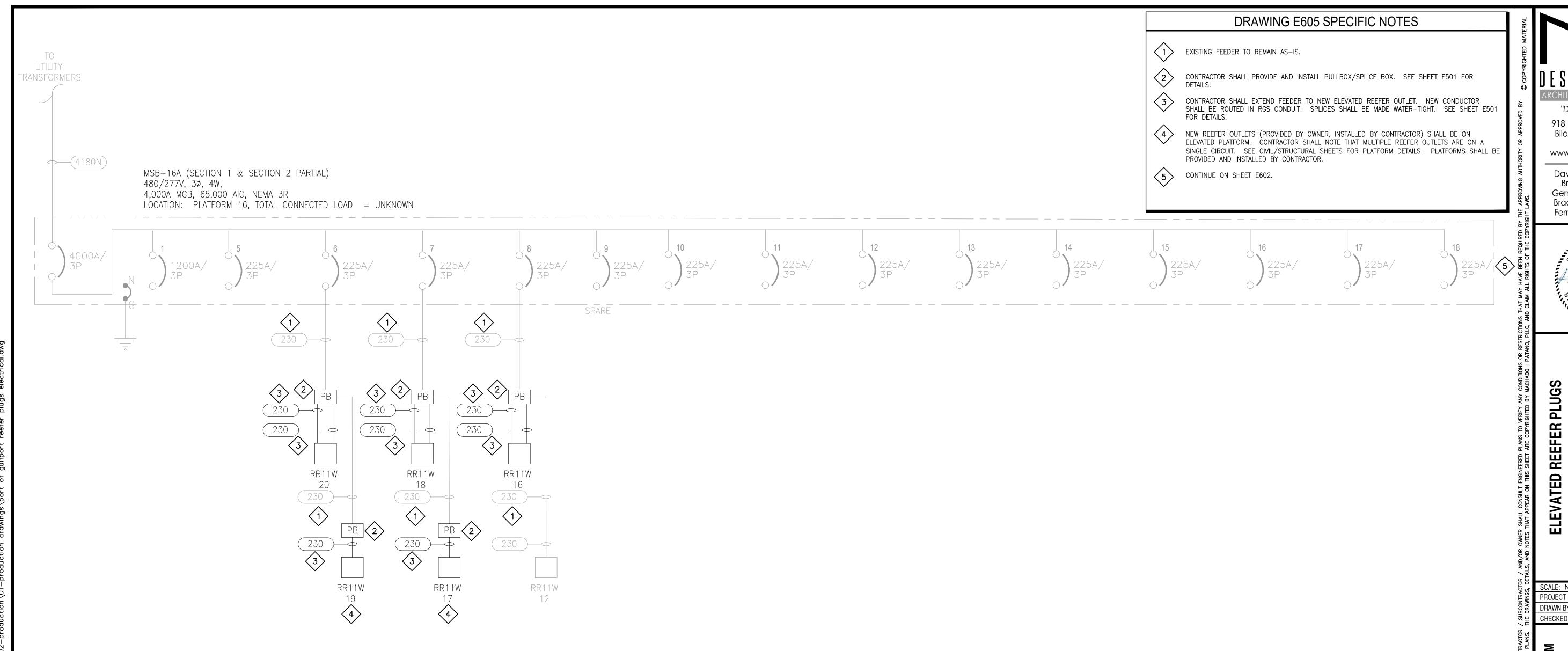


PORT OF GULFPORT MISSISSIPPI STATE PORT AUTHORITY ELEVATED REEFER PLUGS 30TH AVENUE GULFPORT, MS 395

SCALE: NOT TO SCALE PROJECT NO: 0297.22.002

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30TH AVENUE GULFPORT, MS 395

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E605