



Purchasing Division

ADDENDUM NO. 1

DATE: April 6, 2022
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Las Colonias Amphitheater Electrical Improvements – New Cooler Freezer IFB-5056-22-KH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. **Contractor shall utilize the updated Appendix B - Scope of Work & Specifications below.** The whole document was not originally posted.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "K Hackett".

Kassy Hackett, Buyer
City of Grand Junction, Colorado

GENERAL NOTES:

1. THIS PROJECT WILL BE BID FOR THE INSTALLATION OF POWER PANELS, WIRE AND CONDUIT TO NEW COOLER SERVING THE EXISTING AMPHITHEATER.
2. THIS PROJECT CONSISTS OF WORK TO INSTALL ALL WIRING, CONDUIT, UTILITY BOXES, AND POWER PANEL TO THE NEW COOLER SERVING THE EXISTING AMPHITHEATER.
3. PROVIDE 3-2-1/2" INTERMEDIATE METALLIC CONDUIT(IMC) FROM EXISTING 200 AMP 3 PHASE BREAKER LOCATED IN ELECTRICAL ROOM OF AMPHITHEATER TRANSITION TO 3-2-1/2" SCHEDULE 80 PVC CONDUIT UNDERGROUND. INSTALL (4-250 kCMIL THWN CU+#6 GND)AL IN EACH CONDUIT.
4. PROVIDE 1-2-1/2" CONDUIT FROM MDP TO PULL BOX AT PANEL "D" WITH PULL STRING FOR FUTURE .
5. PROVIDE NEW PANEL "D" NEMA 3R 200 AMP MCB 3 PHASE 30 CKT 10kAIC MOUNTED AS SHOWN IN TYPICAL MOUNTING DETAIL SHOWN IN THESE DRAWINGS.
6. PROVIDE 2" PVC SCHEDULE 80 CONDUIT WITH PULL STRING TO FUTURE EAST PARKING LOT FROM PANEL PP1 AS SHOWN IN DRAWINGS.
7. PROVIDE 3 TOTAL MILBANK PEDESTALS FOR FOOD TRUCK SERVICE. THE PEDESTALS WILL BE PAD MOUNTED (PEDESTALS PD-1, PD-2, PD-3) WILL BE MILLBANK #U5200XL. EACH PEDESTAL WILL HAVE 50 AMP, 30 AMP AND 20 AMP RECPTACLES.PROVIDE GO A 2 POLE 10kAIC BREAKER TO EACH PEDESTAL IN PANEL "D" WIRE EACH PEDESTAL WITH #4 THWN CU WIRE. REFERENCE PANEL SCHEDULE
8. PROVIDE 3 TOTAL WIRE MOLD PEDESTALS #XPP2G30C-SV AND PAD MOUNTED(PD-4A, PD-4B, PD-5A, PD-5A, PD-6A, PD-6B). PROVIDE GO A 2 POLE 10kAIC BREAKER TO EACH PEDESTAL FROM PANEL "D" WIRE EACH PEDESTAL WITH #4 THWN CU WIRE.
9. PEDESTAL FOUNDATIONS SHALL BE CONSTRUCTED PER THE MANUFACTURERS RECOMMENDATIONS.
10. NEW COOLER/FREEZER TO BE PROVIDED BY OWNER, COORDINATE WIRING WITH PROVIDER PRIOR TO ROUGH-IN.
11. UTILITY BOXES FOR PEDESTALS WILL BE TYPE 1 CDOT UTILITY BOXES 11"X18"X12".
12. UTILITY BOXES WILL BE INSTALLED IN GRADES WITHOUT CONCRETE WHERE POSSIBLE.
13. ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE, TYPICAL.
14. UNLESS OTHERWISE NOTED, THE WORK DESCRIBED ON THE PLANS SHALL INCLUDE PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. FURNISH ALL REQUIRED ITEMS WHETHER SUCH ARE SPECIFICALLY SHOWN OR NOT.
15. INFORMATION SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. OBTAIN VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS AMONG TRADES AND FOR ADJUSTING THE WORK REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDER GROUND OBSTRUCTIONS AND MAKING ALLOWANCES FOR FIELD ADJUSTMENT OF LOCATION OF LUMINARIES TO AVOID SHUT DOWN OF ANY SERVICES OR SYSTEMS THAT ARE TO REMAIN.
16. BEFORE SUBMITTING THE BID ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE PREMISES AND/OR JOB SITE SO AS TO ASCERTAIN THE EXISTING CONDITIONS IN WHICH THE CONTRACTOR WILL BE OBLIGED TO OPERATE IN PERFORMING HIS PART OF THE CONTRACT TO ANTICIPATE ANY POSSIBLE SPACE RESTRICTIONS OR CONSTRAINTS THAT COULD AFFECT THE TIMELY COMPLETION OF THE ELECTRICAL WORK IN ACCORDANCE WITH THE INTENT OF THE SPECIFICATIONS AND DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REPORT TO THE THE PROJECT ENGINEER OR GENERAL CONTRACTOR ANY CONDITIONS THAT MIGHT PREVENT THE SPECIFIED ELECTRICAL WORK FROM BEING PERFORMED IN THE MANNER INTENDED. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED TO THE ELECTRICAL CONTRACTOR FOR FAILURE TO VISIT THE PROJECT SITE, OR FOR ANY ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR WORK TO BE DONE..
17. THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE DRAWINGS OF ALL TRADES WHOSE WORK RELATES TO OR IS DEPENDENT ON ELECTRICAL WORK TO BECOME FULLY INFORMED OF THE EXTENT AND CHARACTER OF THEIR SPECIFIED WORK AND BE ABLE TO COORDINATE WITH OTHER TRADES WHILE AVOIDING POSSIBLE INTERFERENCE WITH THE ELECTRICAL WORK.

PP1-X ELECTRICAL CIRCUIT NUMBER (REFER TO PANEL SCHEDULES)
 UB HEAVY DUTY, TRAFFIC RATED, FLUSH-TO-GRADE POLYMER CONCRETE SPLICE BOX WITH HEAVY DUTY, TRAFFIC RATED, BOLTED COVER. 11"X18"X12" TYPE 1.

Tabulation of Approximate Quantities					
Item No.	Ref. No.	Construction Note Description	Quantity	Unit	NOTES
1		2-1/2 Inch Electrical PVC schedule 80 Conduit (Plastic)	2032	LF	
2		2-1/2 Inch Electrical IMC Conduit (METAL)	185	LF	
3		1 Inch Electrical PVC schedule 80 Conduit (Plastic)	168	LF	
4		Type One Pull Box	11	EA	
5		Wiring	1	LS	
6		ELECTRICAL PANEL 200 A 3PH 208/120V 30 CKT 10kAIC NEMA 3R	1	EA	3
7		GFCI RECPTACLES FOR WIRE MOLD PEDESTALS	6	EA	
8		MILBANK PEDESTALS #U5200XL	3	EA	1,2
9		WIREMOLD PEDESTALS #XPP2G30C-SV	3	EA	1,2
SUMMARY NOTES:					
1. PROVIDE 2 GFCI RECPTACLES PER PEDESTAL					
2. PROVIDE CONCRETE BASE FOR EACH					
3. CONSTRUCT UNISTRUT FRAME FOR MOUNTING PER DRAWINGS					



Know what's below.
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 ENGINEERS; PH: 970-245-7292
 PO 3211 GRAND JCT., CO 81502
 EMAIL: joelm@ACMengrs.com

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	DESIGNED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
REVISION Δ			AJM	03-25-22	AJM	03-25-22	AJM	03-25-22	JT	03-25-22
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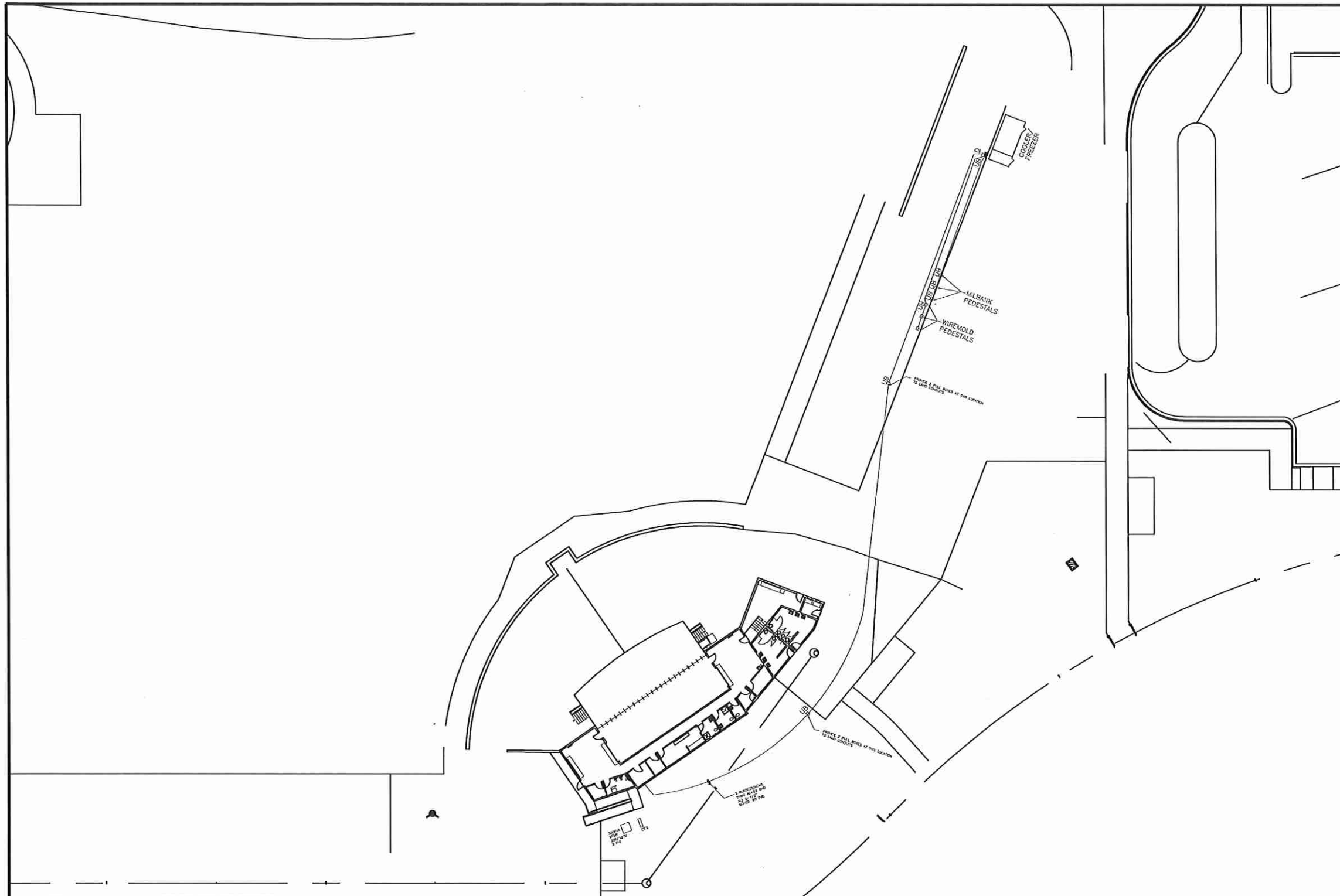
SCALES:

PLAN & PROFILE
HORIZONTAL
VERTICAL



PUBLIC WORKS
ENGINEERING DIVISION

LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



GENERAL NOTES:

1. GENERAL ROUTING OF CONDUIT SHOWN, FIELD VERIFY EXACT ROUTING WITH OWNER PRIOR TO ROUGH-IN OR TRENCHING, TYPICAL.
2. NEW COOLER LOCATION AND INSTALLATION TO BE COMPLETED BY OWNER, TYPICAL.
3. CONDUIT WILL BE HORIZONTAL BORED UNDER EXISTING CONCRETE. FIELD VERIFY EXACT ROUTE WITH OWNER PRIOR TO START OF HORIZONTAL BORING.
4. PROVIDE UTILITY BOX ON BOTH ENDS OF HORIZONTAL BORE.



SITE ELECTRICAL PLAN
SCALE: 1"=50'

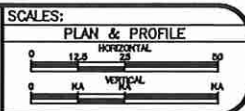


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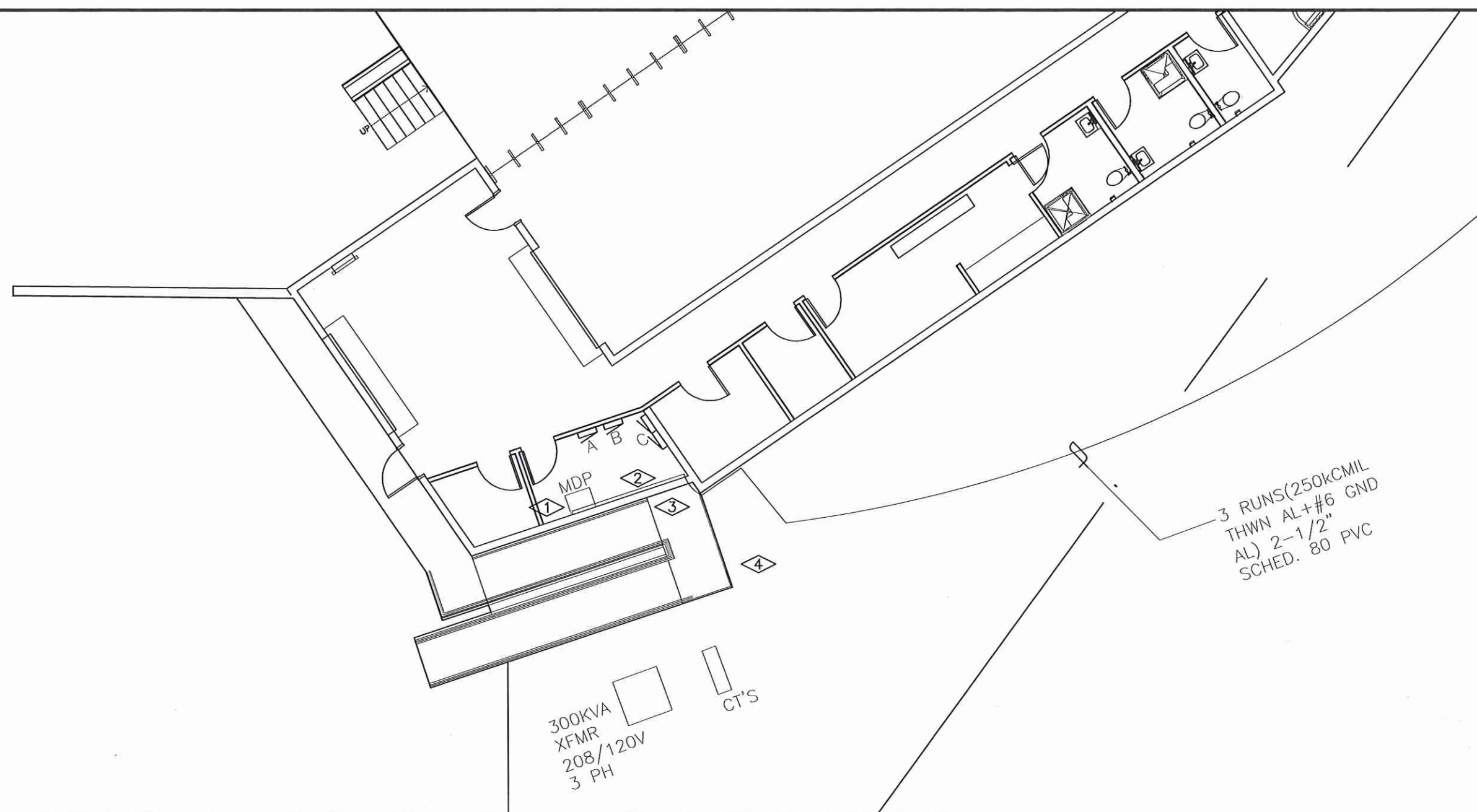
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ENGINEERING DIVISION**

**LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN**



FLAG NOTES:

- ① EXISTING SPARE 200A BREAKER IN PANEL MDP TO BE CONNECTED TO NEW COOLER CIRCUIT. ROUTE NEW 2" INTERMEDIATE METAL CONDUIT ABOVE AND THEN THROUGH WALL AND TRANSITION TO 2" SCHED. 80 PVC UNDER GROUND.
- ② COORDINATE EXACT ROUTING INSIDE ELECTRICAL ROOM, UNDER GROUND PATH AND HORIZONTAL BORING WITH OWNER PRIOR TO ROUGH-IN, TYPICAL.
- ③ SEAL ALL PENETRATIONS THROUGH WALLS, TYPICAL.
- ④ COORDINATE EXACT ROUTING THROUGH STORAGE AREA TO EXISTING PAVEMENT WITH OWNER PRIOR TO TRENCHING.



ELECTRICAL PLAN

SCALE: 1"=10'



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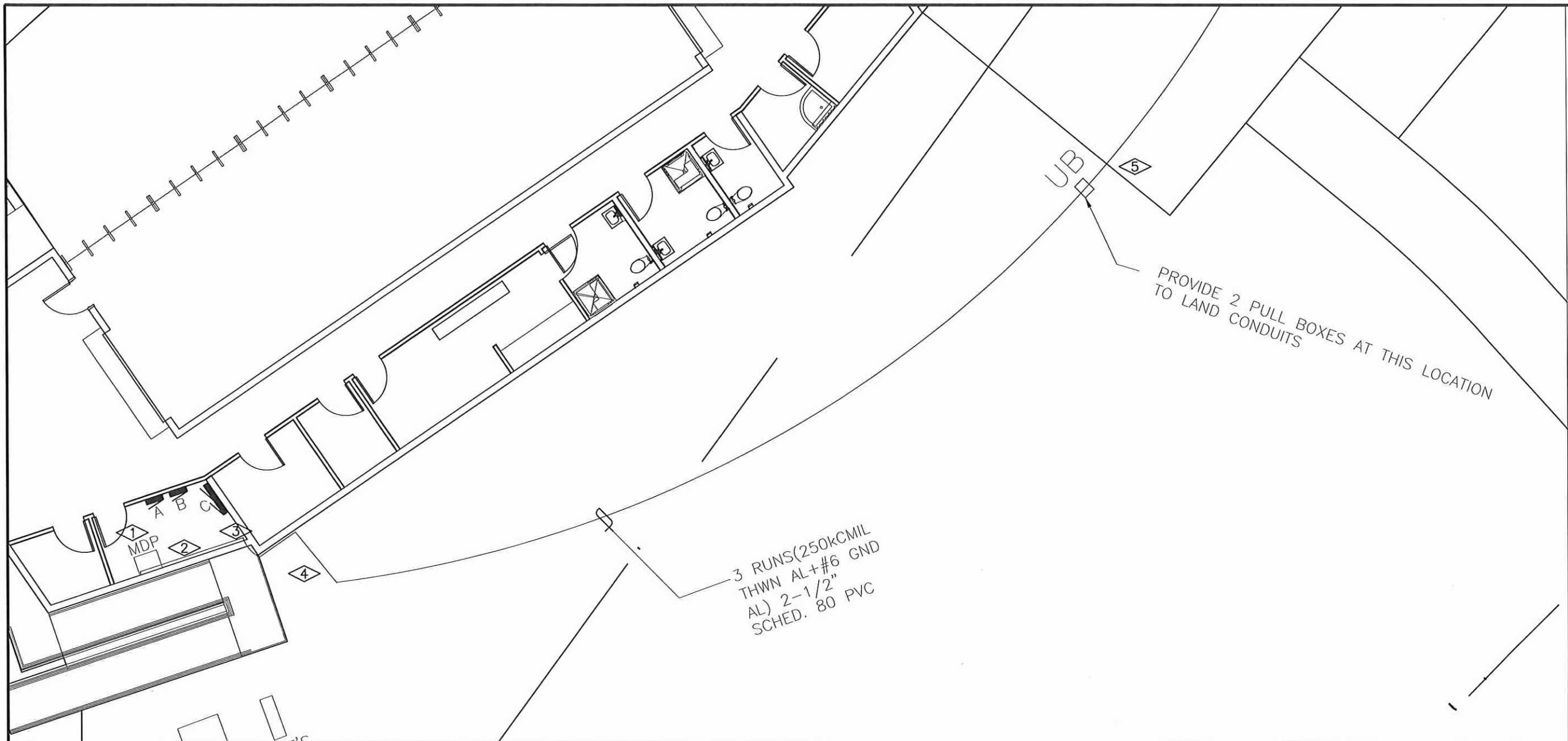
SCALES:

PLAN & PROFILE	1" = 10'
HORIZONTAL	1" = 10'
VERTICAL	1" = 10'



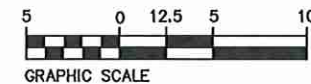
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LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



FLAG NOTES:

- ① EXISTING SPARE 200A BREAKER IN PANEL MDP TO BE CONNECTED TO NEW PANEL 'D'. ROUTE 3-NEW 2-1/2" INTERMEDIATE METAL CONDUIT(IMC) ABOVE GROUND AND THEN THROUGH WALL AND TRANSITION TO 3-2-1/2" SCHEDULE 80 PVC UNDER GROUND. PROVIDE 3 RUNS(250kCMIL THWN AL+#6 GND AL) IN 2-1/2" CONDUIT. THREE CONDUITS WILL CONTAIN NEW WIRING AND FOURTH CONDUIT WILL BE SPARE, PROVIDE PULL STRING IN SPARE 2-1/2" CONDUIT.
- ② COORDINATE EXACT ROUTING INSIDE ELECTRICAL ROOM, ABOVE EXISTING SIDEWALK, UNDER GROUND PATH AND HORIZONTAL BORING WITH OWNER PRIOR TO ROUGH-IN, TYPICAL.
- ③ SEAL ALL PENETRATIONS THROUGH WALLS, TYPICAL.
- ④ COORDINATE EXACT ROUTING THROUGH STORAGE YARD AREA TO EXISTING PAVEMENT WITH OWNER PRIOR TO TRENCHING.
- ⑤ PROVIDE UTILITY BOX AT START AND END OF HORIZONTAL BORE.



ELECTRICAL PLAN

SCALE: 1"=10'

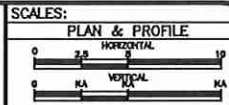


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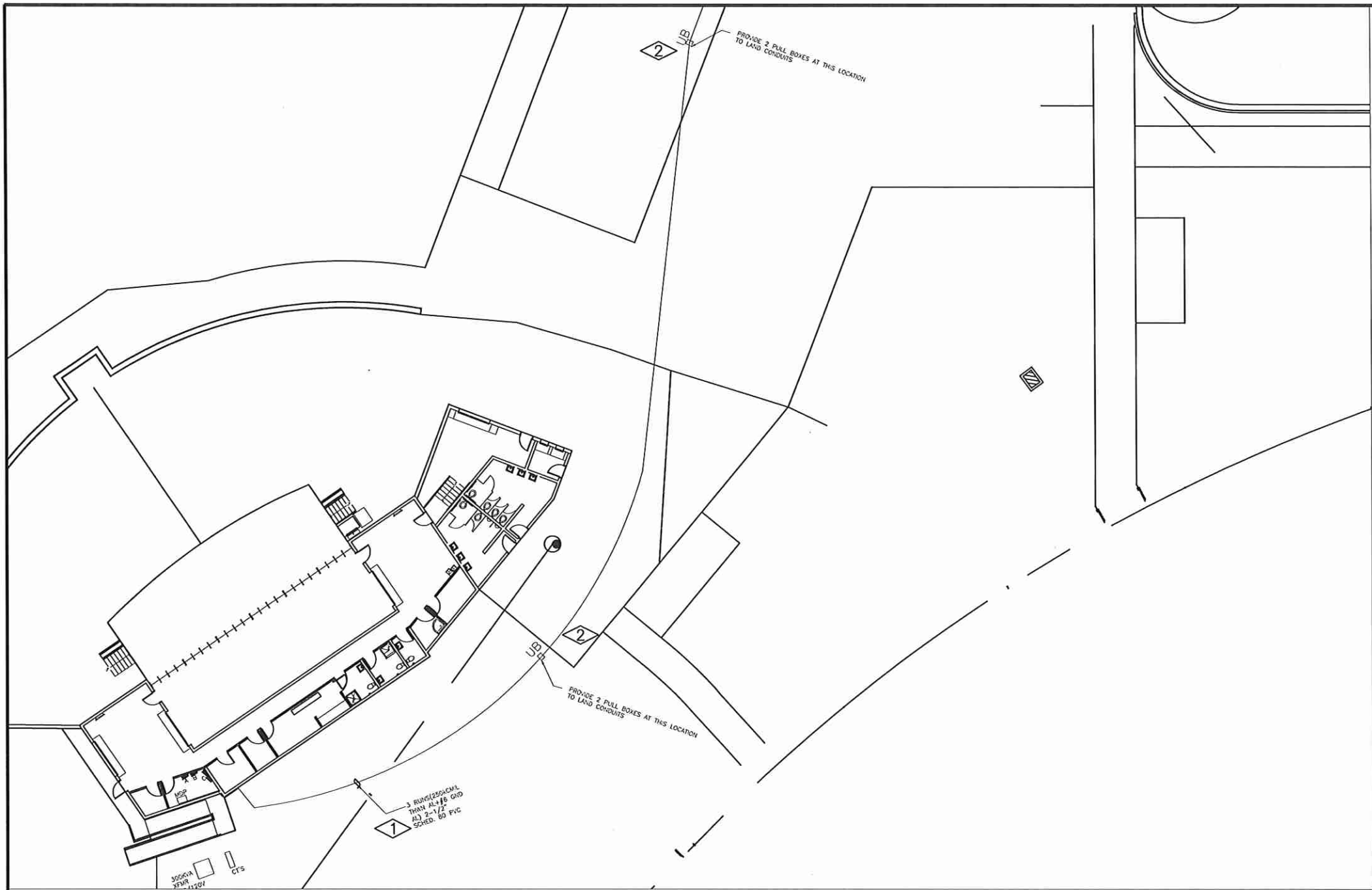
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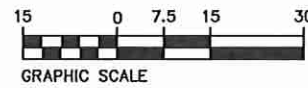
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LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



FLAG NOTES:

- ① COORDINATE EXACT ROUTING THROUGH STORAGE YARD AREA AND HORIZONTAL BORE WITH OWNER PRIOR TO TRENCHING BORING.
- ② PROVIDE UTILITY BOX AT START AND END OF HORIZONTAL BORE. PROVIDE MULTIPLE OR LARGER UTILITY BOXES AS REQUIRED TO CONTAIN ALL CONDUITS



ELECTRICAL PLAN
SCALE: 1"=30' NORTH



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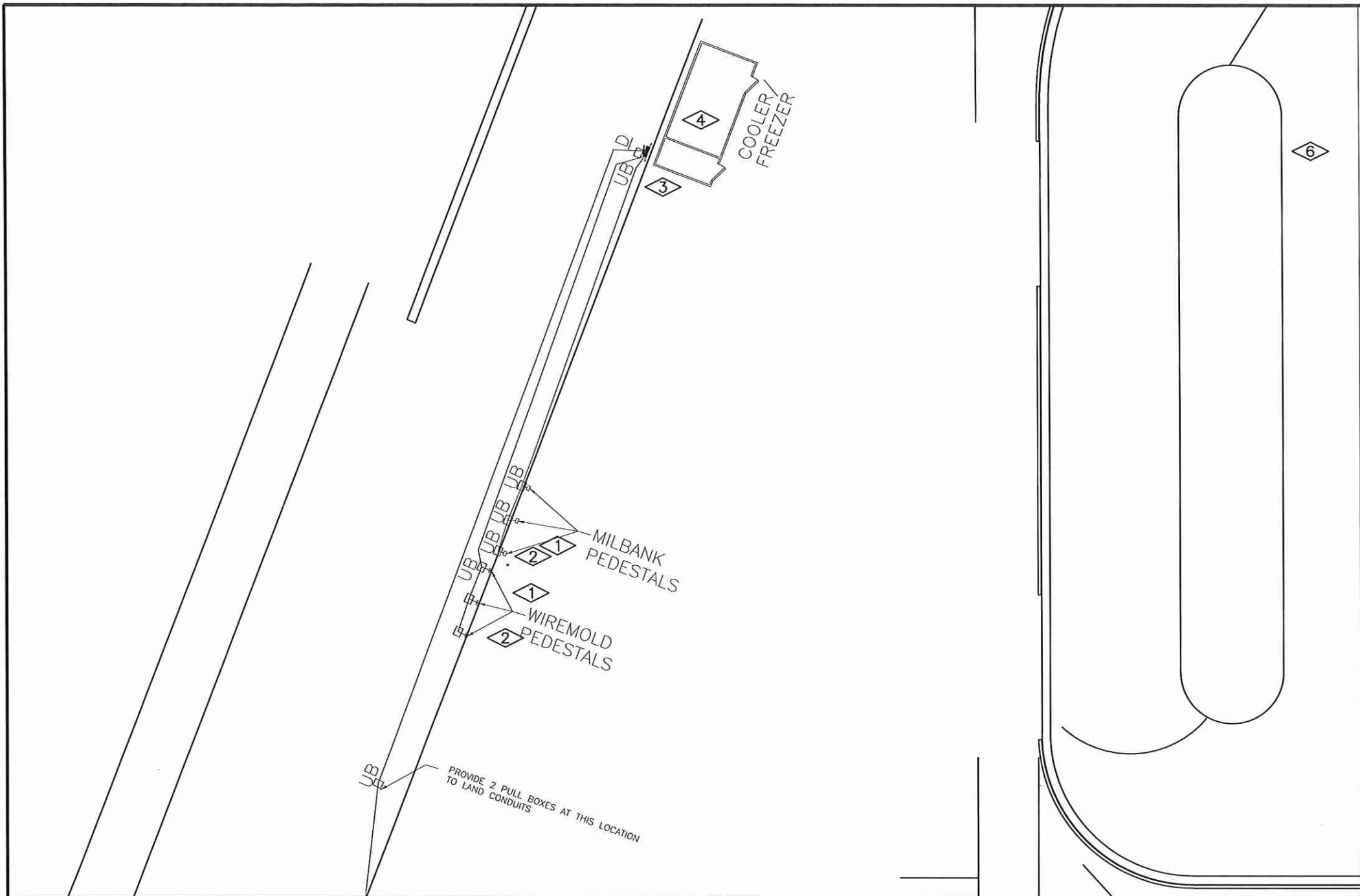
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REVISION			AJM	03-04-22	0 15 30 VERTICAL
REVISION			JT	03-04-22	



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LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



FLAG NOTES:

- ① LOCATE PEDESTALS AT EDGE OF ROADWAY, WITH SPACING OF APPROXIMATELY 5'. PROVIDE 16" SQUARE AND 6" DEEP 3500 PSI CONCRETE FOR MOUNTING OF PEDESTALS.
- ② FIELD VERIFY EXACT LOCATION FOR PEDESTALS WITH OWNER PRIOR TO TRENCHING.
- ③ MOUNT NEW 200 AMP 3 PHASE 208/120 VOLT 10kAIC 30 CKT NEMA 3X SQUARE D LOAD CENTER OR EQUAL TO NEW UNISTRUT BASE LOCATED TO THE EAST OF NEW COOLER. FIELD VERIFY EXACT LOCATION OF PANEL WITH OWNER BEFORE CONSTRUCTING NEW UNISTRUT BASE.
- ④ FIELD VERIFY ELECTRICAL CONNECTIONS FOR NEW COOLER WITH PROVIDER PRIOR TO ROUGH-IN.



ELECTRICAL PLAN
SCALE: 1"=20'



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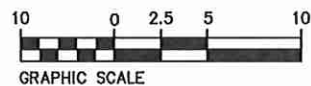
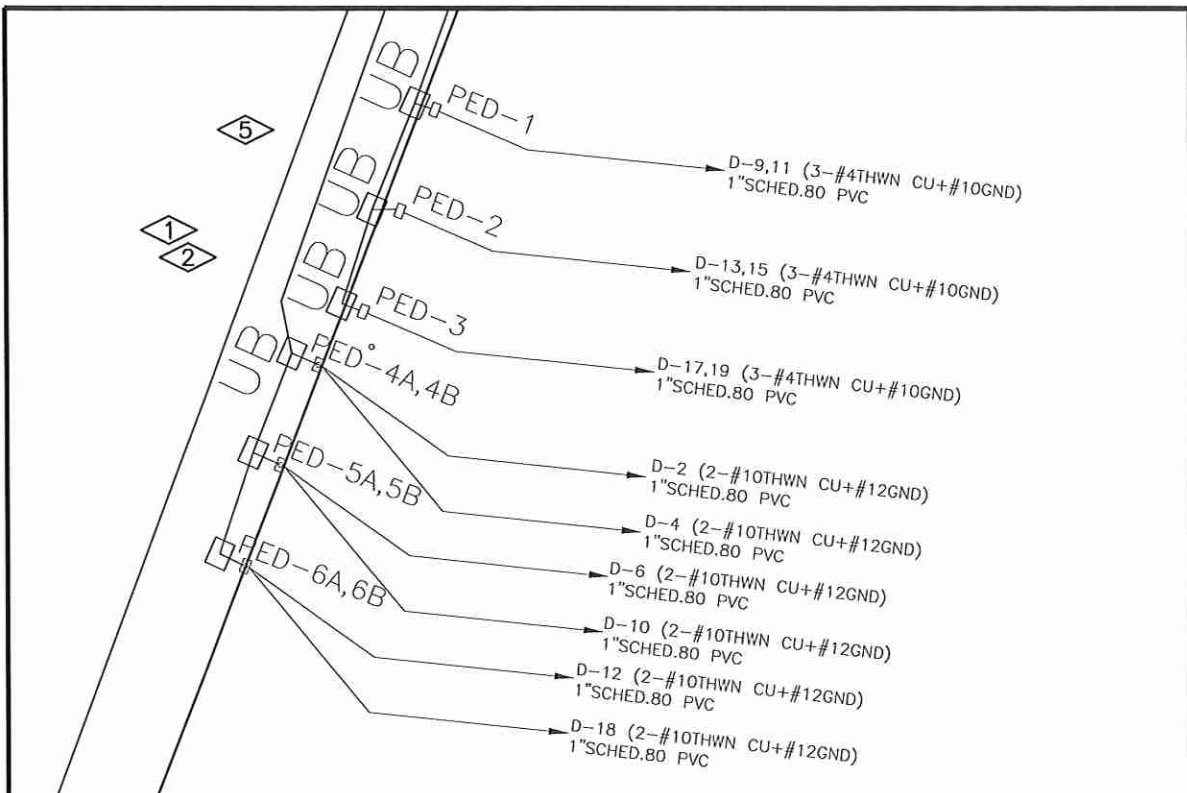
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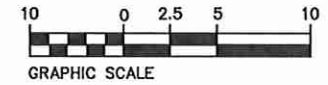
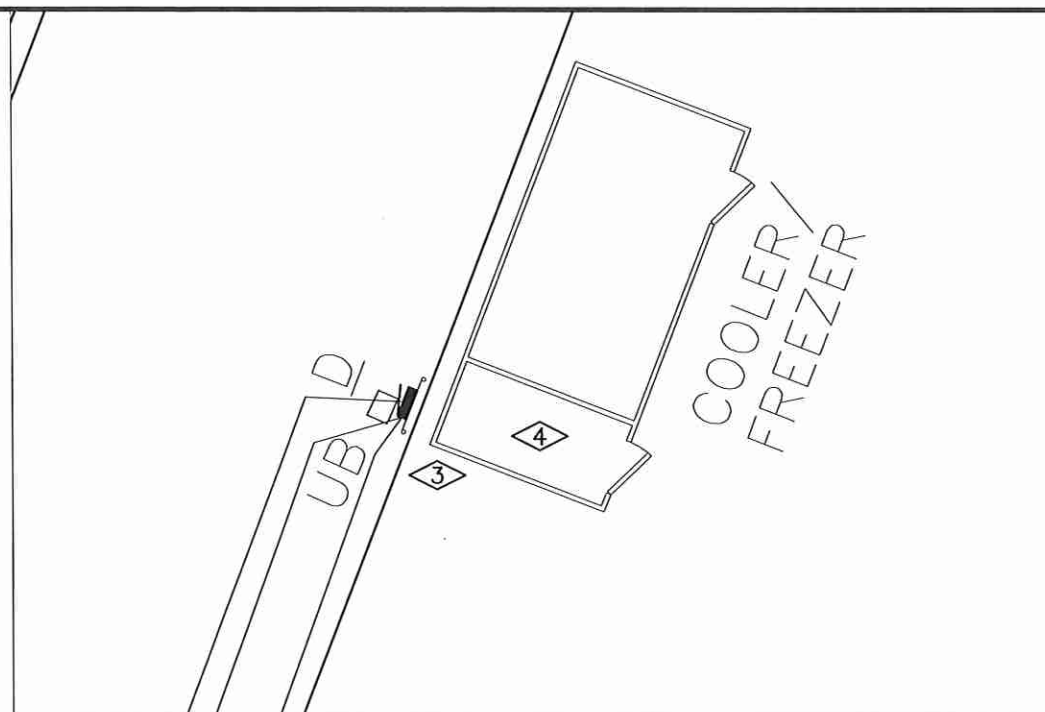


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LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



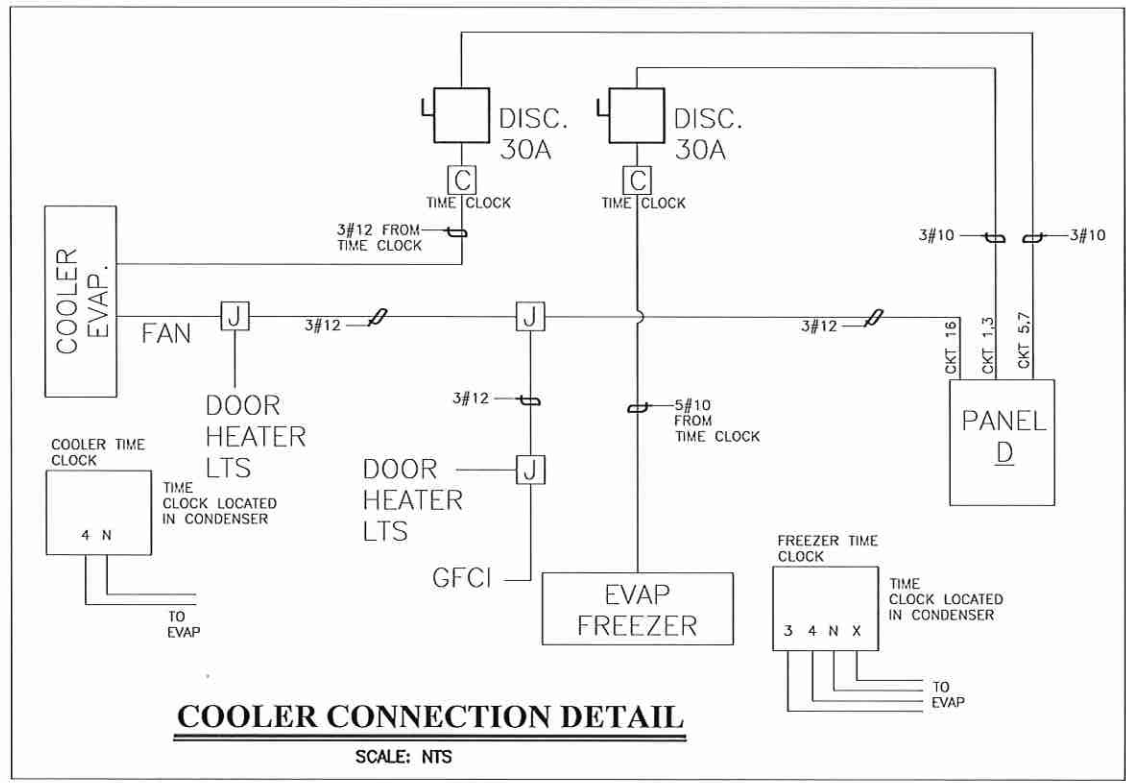
PEDESTAL LOCATION PLAN
SCALE: 1"=10'



PANEL "D" LOCATION PLAN
SCALE: 1"=10'

FLAG NOTES:

- ① LOCATE PEDESTALS AT EDGE OF ROADWAY, WITH SPACING OF APPROXIMATELY 5'. PROVIDE 16" SQUARE AND 6" DEEP 3500 PSI CONCRETE FOR MOUNTING OF PEDESTALS.
- ② FIELD VERIFY EXACT LOCATION FOR PEDESTALS WITH OWNER PRIOR TO TRENCHING.
- ③ MOUNT NEW 200 AMP MCB 3 PHASE 208/120 VOLT 10kAIC 30 CKT NEMA 3X SQUARE D LOAD CENTER OR EQUAL TO NEW UNISTRUT BASE LOCATED TO THE EAST OF NEW COOLER. FIELD VERIFY EXACT LOCATION OF PANEL WITH OWNER BEFORE CONSTRUCTING NEW UNISTRUT BASE.
- ④ FIELD VERIFY ELECTRICAL CONNECTIONS FOR NEW COOLER WITH PROVIDER PRIOR TO ROUGH-IN.
- ⑤ LABEL PEDESTALS WITH CIRCUIT AND PANEL FEEDING THE PEDESTAL PER NEC, TYPICAL.



COOLER CONNECTION DETAIL NOTES:

- 1. COORDINATE WIRING WITH PROVIDER PRIOR TO ROUGH-IN.
- 2. SCHEMATIC BY PROVIDER, FIELD VERIFY CONNECTIONS, TYPICAL.



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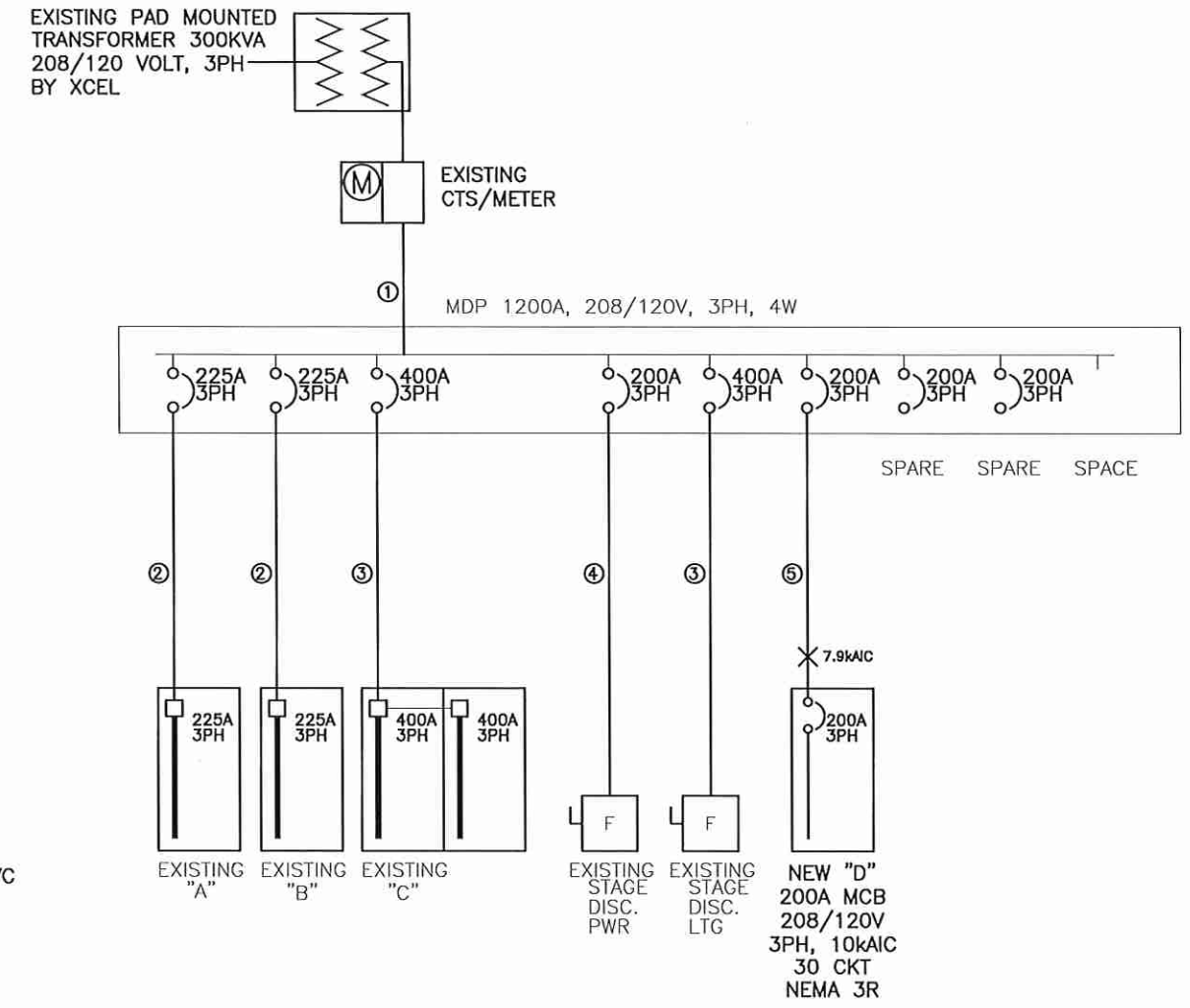
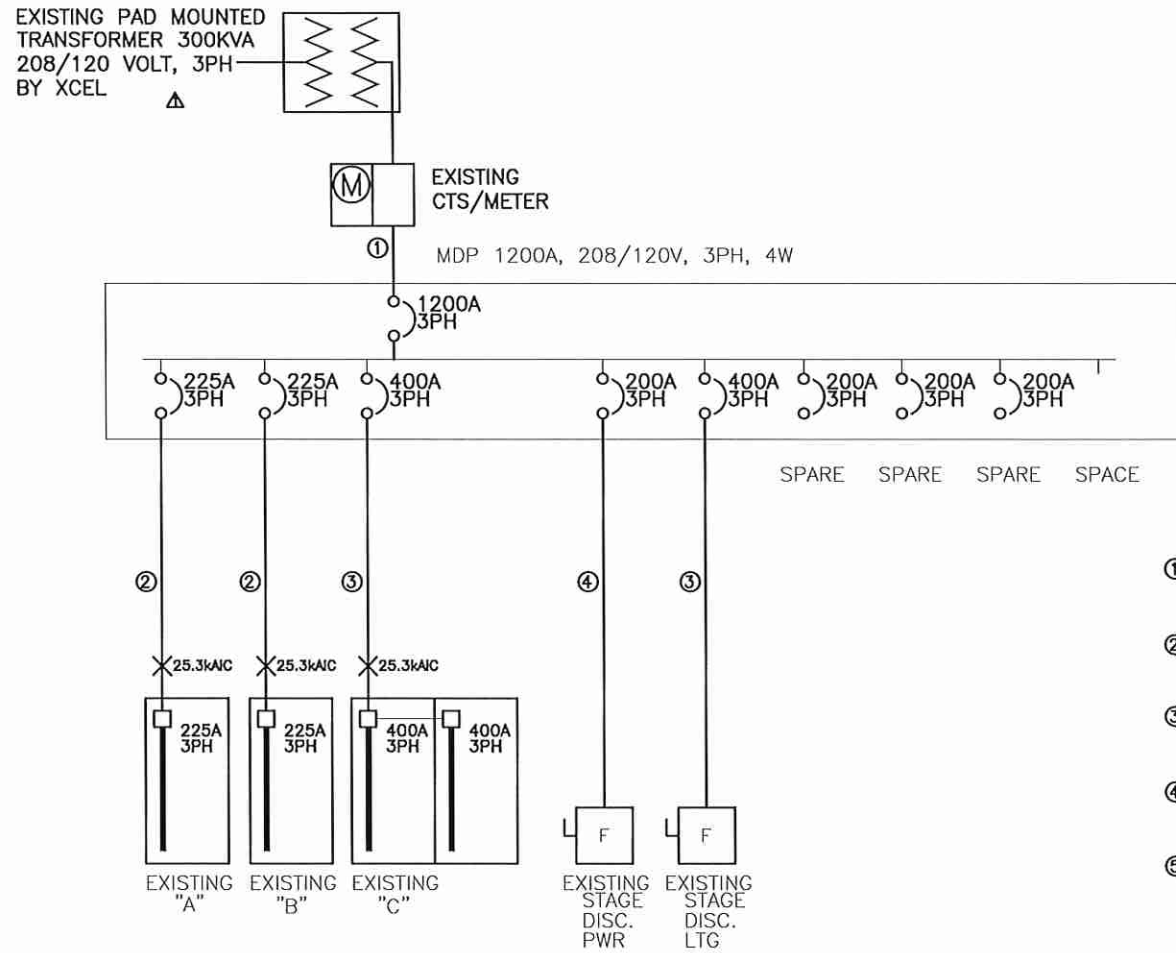
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**LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN**



- ① 4 SET(S)[(4-500kCML(AL,THWN) + #350kCML(AL)GND] 4" EMT
- ② 1 SET(S)[(4-350kCML(AL,THWN) + #2(AL)GND] 3" EMT
- ③ 2 SET(S)[(4-250kCML(AL,THWN) + #1/0(AL)GND] 2.5" EMT
- ④ 1 SET(S)[(4-250kCML(AL,THWN) + #4(AL)GND] 3" EMT
- ⑤ 3 SET(S)[(4-250kCML(AL,THWN) + #6(AL)GND] 2-1/2" SCHEDULE 80 PVC

A
1 EXISTING ONE-LINE DIAGRAM
NOT TO SCALE

A
2 NEW ONE-LINE DIAGRAM
NOT TO SCALE

GENERAL NOTES:

1. IN AS MUCH AS DESIGN REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS CANNOT BE VERIFIED. FIELD COORDINATION DURING CONSTRUCTION SERVICES IS IMPERATIVE. CONTRACTORS BIDDING THIS WORK MUST MAKE REASONABLE ALLOWANCES FOR UNFORESEEN CONTINGENCIES.
2. THE SERVING ELECTRICAL ASSOCIATION SHALL ADVISE THE OWNER/ENGINEER PRIOR TO SERVICE MODIFICATION REQUIRING COST TO THE OWNER.
3. REFERENCE CIVIL, LANDSCAPE AND IRRIGATION DRAWING PLANS FOR COORDINATION AND LOCATION OF ALL UNDER GROUND SYSTEMS.
4. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES AS REQUIRED: REFERENCE CIVIL LANDSCAPE AND IRRIGATION DRAWINGS.
5. ALL WIRING IS SHOWN DIAGRAMMATICALLY ON DRAWINGS, FIELD VERIFY ALL CONDITIONS PRIOR TO ROUGH-IN.
6. ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
7. ALL WIRE TO BE #12 UNLESS NOTED OTHERWISE.
8. CONDUCTOR COUNT IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ENSURE THAT ANY AND ALL DEVICES AND EQUIPMENT ARE CIRCUITED PROPERLY. CONTRACTOR SHALL ENSURE THAT NO EQUIPMENT OR DEVICES ARE COMBINED OTHER THAN WHAT IS DEPICTED.
9. FIELD VERIFY ALL DIMENSIONS, DO NOT SCALE DRAWINGS.
10. WIRE TO LOADS FROM FROM NEW PANEL "D" TO BE COPPER, TYPICAL.
11. LABEL NEW PANEL "D" WITH WITHSTAND RATING, LOCATION OF FEEDING BREAKER AND ARC FLASH WARNING PER NEC.
12. CONDUIT FROM MDP TO BE IMC ABOVE GROUND TRANSITIONED TO SCHEDULE 80 PVC ABOVE GROUND.



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REVISION			JT	03-04-22	



PUBLIC WORKS
ENGINEERING DIVISION

LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN

PANEL: SCH-D DC DEVICE TYPE: Breaker CONTINUOUS(A): 200
 LOCATION: COOLER DEVICE FAMILY: Bolt On BUS SC RATING(A): 10000
 FED FROM: BUS-0003 INCIDENT ENERGY: 0.08 Cal/cm2 @18.00k in) ENCLASURE: NEMA 3R MOUNTING: Surface MAINS(A): MLD WIRING: 3-Phase 4-Wire FAULT CURRENT(A): 7889
 VOLTAGE: 208/120 BOUNDARY: 3.33(in)

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
						A B C					
25 2		FREEZER--EVAP-CONDEN	NONE	4183	1	3135		2	1200 NDNE	PED-4A	20 1
25 2		COOLER-CONDENSER	NONE	3952	3	3135		4	1200 NDNE	PED-4B	20 1
60 2		PED-1	NONE	12000	5	1976	3023	6	1200 NDNE	PED-5A	20 1
60 2		PED-2	NONE	12000	7			8	0 SPARE	SPARE	20 1
60 2		PED-3	NONE	12000	9	7200	7200	10	1200 NDNE	PED-5B	20 1
20 1		SPARE	SPARE	0	11			12	1200 NDNE	PED-6A	20 1
20 1		SPARE	SPARE	0	13	6000		14	0 SPARE	SPARE	20 1
20 1		SPARE	SPARE	0	15		6353	16	391 NDNE	COOLER-FAN-LTS	20 1
20 1		SPARE	SPARE	0	17		7200	18	1200 NDNE	PED-6B	20 1
20 1		SPARE	SPARE	0	19	6000		20	0 SPARE	SPARE	20 1
				0	21		0	22	0 SPARE	SPARE	20 1
				0	23		0	24	0 SPARE	SPARE	20 1
				0	25		0	26	0 SPARE	SPARE	20 1
				0	27		0	28	0 SPARE	SPARE	20 1
				0	29		0	30	0 SPARE	SPARE	20 1
ALL CONNECTED		KVA	3P AVE. AMPS		PHASE TOTALS	VA	AMPS		BUS TOTALS	KVA	
TOTAL CONNECTED	50.31	139.7		16634.0	138.5	16634.0	138.5		CONNECTED	50.31	
TOTAL DEMAND	50.31	139.7		16485.5	137.3	16485.5	137.3		DEMAND	50.31	
TOTAL DESIGN	51.16	142.0		17221.7	143.4	17221.7	143.4		DESIGN	51.16	

PANEL SCHEDULE

NOT TO SCALE



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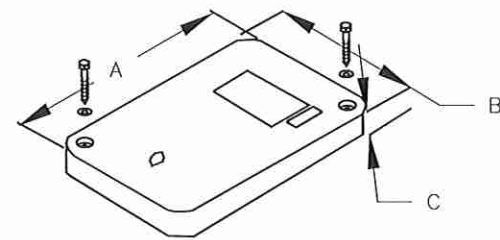
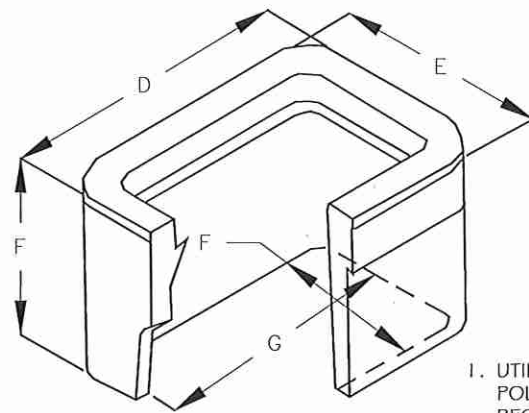
REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	DESIGNED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
REVISION A	CLARIFIED FEEDS	2-12-18	AJM	03-04-22	AJM	03-04-22	AJM	03-04-22	JT	03-04-22

SCALE:
PLAN & PROFILE 0 10 20 HORIZONTAL
0 10 20 VERTICAL



PUBLIC WORKS
ENGINEERING DIVISION

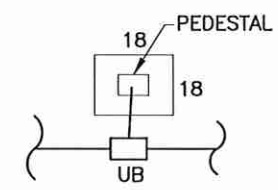
LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



- A 18-1/8"
- B 11-1/4"
- C 1-1/4"
- D 20-1/2"
- E 13-3/8"
- F 12"
- G 15-3/4"
- H 8-7/8"

1. UTILITY BOX COVERS AND EXTENSIONS SHALL BE MADE OF FIBERGLASS REINFORCED POLYMER CONCRETE. UTILITY BOXES SHALL BE VERIFIED BY A 3RD PARTY NATIONALLY RECOGNIZED INDEPENDENT TESTING LABORATORY AS MEETING ALL TEST PROVISIONS OF THE LATEST ANSI/SCTE 77 SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY, TIER 22 RATING. CERTIFICATION DOCUMENTS SHALL BE SUBMITTED WITH MATERIALS SUBMITTALS. THE UTILITY BOX SHALL HAVE A DETACHABLE COVER WITH A SKID RESISTANT SURFACE AND HAVE THE WORDS ELECTRICAL CAST INTO THE SURFACE. PAINTING THE WORDS SHALL NOT BE ACCEPTED. MARKINGS SHOWING THE TIER 22 RATING MUST BE LABELED OR STENCILED ON THE INSIDE AND OUTSIDE OF THE BOX AND THE ON THE UNDER SIDE OF THE COVER. THE COVER SHALL BE ATTACHED TO THE UTILITY BOX BODY BY MEANS OF A MINIMUM 3/8 - 7 UNIFIED NATIONAL COURSE (UNC) STAINLESS STEEL PENTA HEAD BOLTS AND SHALL HAVE TWO LIFT SLOTS TO AID IN THE REMOVAL OF THE LID.
2. PULL SLOTS SHALL BE RATED FOR A MINIMUM PULL OUT OF 3,000 POUNDS. MAGNESIUM CHLORIDE TESTS SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST ANSI/SCTE 77 SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY, TIER 22 RATING.
3. PROVIDE AT LEAST 6 INCHES OF PEA GRAVEL MEASURED FROM BOTTOM OF UTILITY BOX FOR DRAINAGE. PEA GRAVEL IS INCLUDED IN UTILITY BOX PAY ITEM.

C UTILITY BOX DETAIL
1 NOT TO SCALE



C UTILITY BOX CONNECTION DETAIL
2 NOT TO SCALE

GENERAL NOTES:

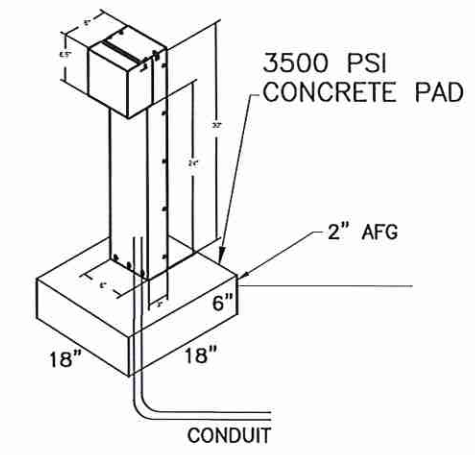
1. ELECTRICAL CONTRACTOR TO ORDER ALL REQUIRED HARDWARE FOR MOUNTING OF NEW PANEL "D" AND EACH PEDESTAL.
2. PROVIDE 18" SQUARE AND 6" DEEP 3500 PSI CONCRETE PAD TO MOUNT PEDESTALS.
3. NOTIFY ENGINEER OF ANY OBSTRUCTIONS TO PEDESTAL PLACEMENT IMMEDIATELY BEFORE PROCEEDING.

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	SCALE
REVISION Δ	CLARIFIED TYPE "SA", "SB"	2-12-18	AJM	03-04-22	PLAN & PROFILE
REVISION Δ			AJM	03-04-22	HORIZONTAL
REVISION Δ			AJM	03-04-22	VERTICAL
REVISION Δ			JT	03-04-22	

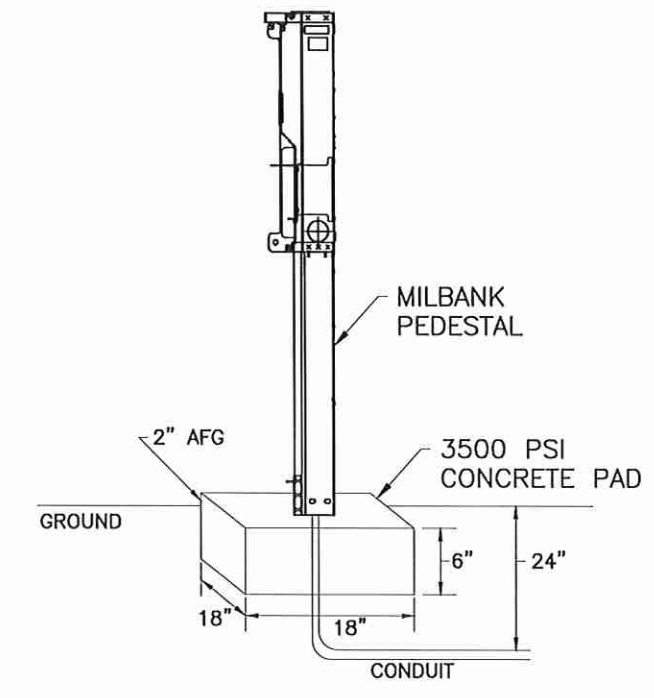


PUBLIC WORKS
ENGINEERING DIVISION

LAS COLONIAS AMPHITHEATER COOLER
ELECTRICAL PLAN



C WIREMOLD PEDESTAL DETAIL
3 NOT TO SCALE



C MILBANK PEDESTAL DETAIL
4 NOT TO SCALE

PEDESTAL NOTES:

1. PROVIDE PAD MOUNT FOOT FOR MOUNTING TO CONCRETE. MOUNT PEDESTAL IN CENTER OF PAD
2. PROVIDE AT LEAST 6 INCHES OF PEA GRAVEL MEASURED FROM BOTTOM OF PEDESTAL CONCRETE PAD FOR DRAINAGE.
3. CONCRETE PAD TO BE 2" ABOVE FINISHED GRADE (AFG).
4. PEDESTALS TO BE SPACED EVENLY AT 5' FROM EACH OTHER ALONG EDGE OF ROAD WAY.
5. MAINTAIN EFFECTIVE GROUND PATH FROM PEDESTAL TO PANEL "D" AND FROM PANEL TO MDP.
6. PEDESTAL TO HAVE PVC SCHEDULE 80 CONDUIT FROM PANEL "D" BURIED AT 24" INCHES BELOW GROUND.
7. WIREMOLD PEDESTALS TO INCLUDE 2-GFCI EXTERIOR DUTY RECEPTACLES EACH. WIRE RECEPTACLES WITH #10 THWN.



Know what's below.
Call before you dig.



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