	ELECTRICAL	GENERAL NOTES
	<u>GENERAL NOTES:</u>	REMODEL NOTES:
D	 THE ELECTRICAL SYSTEMS DEFINED BY THESE PLANS AND THE SPECIFICATIONS ARE TO BE CONSTRUCTED AS COMPLETE AND OPERABLE SYSTEMS AND SHALL BE BID WITH THIS INTENT. THE CONTRACTOR SHALL VISIT THE SITE, READ ALL THE RELEVANT DOCUMENTS, AND BECOME FAMILIAR WITH THE TYPE OF CONSTRUCTION AND WORK TO BE ACCOMPLISHED. SHOULD ANY ERROR, OMISSION, OR CONFLICT EXIST IN EITHER THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING BEFORE SUBMITTING THEIR BID PRICE SO A CHANGE CAN BE ISSUED IN A PRE-BID ADDENDUM. OTHERWISE, THE CONTRACTOR AND/OR EQUIPMENT SUPPLIERS SHALL SUPPLY THE PROPER MATERIALS AND LABOR TO INSTALL COMPLETE AND OPERABLE SYSTEMS INCLUSIVE OF THE ORIGINAL BID. WHEN EACH ELECTRICAL SYSTEM IS COMPLETE, THE CONTRACTOR SHALL TEST AND CONFIRM ITS PROPER OPERATION. ANY INCOMPLETE SYSTEM SHALL BE MADE 	 22. THE EC SHALL COOR NEW CIRCUITS ARE B CIRCUIT BREAKERS A 23. THE EC SHALL COOR TELE/DATA OUTLETS NECESSARY TO LANE 24. ALL DEVICES NOT SH
	COMPLETE AND OPERABLE PRIOR TO PROJECT CLOSEOUT.	WIRING TO AN EXIST OPERATION.
	2. THE ARCHITECTURAL AND MECHANICAL PLANS ARE CONSIDERED A PART OF THE ELECTRICAL DOCUMENTS SO FAR AS ANY ELECTRICAL ITEMS THEY MAY CONTAIN. THE ELECTRICAL CONTRACTOR SHALL REFER TO AND COORDINATE WITH THEM. NO EXTRA COST SHALL BE ALLOWED FOR FAILURE TO COORDINATE THE CONTRACT DOCUMENTS WITH OTHER TRADES AND/OR IF EQUIPMENT DIMENSIONS ARE GREATER THAN SPECIFIED AND/OR DIMENSIONED ON THE PLANS.	SITE NOTES: 25. ELECTRICAL CONTRA SERVICE TRANSFORM
	3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE EQUIPMENT, MATERIALS, AND LABOR FOR THE CONNECTIONS OF ALL EQUIPMENT SHOWN ON THE PLANS - ARCHITECTURAL, MECHANICAL, ETC.	PROVIDE LABOR AND CONDUCTORS, CONC
	4. THIS PROJECT IS TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MOST RECENT LOCAL, STATE, AND NATIONAL CODES. IF AT ANY TIME DURING OR AFTER CONSTRUCTION SOMETHING IS FOUND TO BE INSTALLED IN VIOLATION OF THESE CODES LISTED ABOVE, IT SHALL BE CORRECTED BY THE CONTRACTOR.	26. THE EC SHALL COOR CONDUIT, AND THE M ROUGH-IN. INSTALL A
	5. ALL EQUIPMENT PROVIDED BY THE EC SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING AGENCY, ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION, AND BE PROPERLY INSTALLED FOR THE CONDITIONS AND SPACE THAT EQUIPMENT IS BEING INSTALLED WITHIN.	27. UNDERGROUND CON GREEN GROUND CON
	6. THE EC SHALL INSTALL A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN EACH CONDUIT RUN. CONDUIT SHALL NOT BE USED AS AN EQUIPMENT GROUNDING CONDUCTOR. THE EC SHALL GROUND THE ELECTRICAL SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.	28. PRIOR TO TRENCHING TV, GAS, AND WATER ADDITION, THE CONT LOCATION OF UNDER
	7. CONDUIT LAYOUTS SHOWN ON THE PLANS ARE DIAGRAMMATIC, NOT INDICATING THE ROUTING REQUIRED. THE EC SHALL ROUTE THE CONDUITS AS REQUIRED BY THE CONDITIONS OF THE INSTALLATION AND SHALL COORDINATE WITH DUCTWORK, PIPING, EQUIPMENT, BUILDING STRUCTURE, AND OTHER POTENTIAL OBSTRUCTIONS.	COMMENCING WORK
	8. THE CONTRACTOR SHALL ALLOW THE MOVEMENT, BEFORE ROUGH-IN, OF ANY ELECTRICAL PANEL, DEVICE, LUMINAIRE, ETC. A DISTANCE OF 10 FEET WITHOUT REQUIRING ADDITIONAL COST TO THE PROJECT.	29. ALL BATTERY POWER LIGHTS, OR EMERGEI FEEDING THAT AREA
	 THE EC SHALL SECURE ALL CONDUIT TO THE STRUCTURE AS IT IS SET IN PLACE USING INDUSTRY STANDARD METHODS AND PRACTICES. TO ASSURE ALL DEVICES ARE RIGIDLY SET, THE ELECTRICAL CONTRACTOR SHALL SECURE ALL DEVICE BOXES WITH BRACKETS, HANGERS, ETC. DESIGNED FOR THE APPLICATION. 	30. LUMINAIRES INSTALL ILLUMINATED AFTER
С	10. MINIMUM SIZE CONDUIT SHALL BE 3/4" UNO. CONDUIT INSTALLED WITHIN THE BUILDING IN DRY LOCATIONS WITHIN WALL CEILINGS OR EXPOSED NOT SUBJECT TO PHYSICAL DAMAGE SHALL BE EMT WITH STEEL SET SCREW	31. ALL LUMINAIRES SHA NONSTRUCTURAL ME
	FITTINGS. IN EXTERIOR LOCATIONS (EXCEPT FOR THE SERVICE ENTRANCE) THE CONDUIT SHALL BE EMT WITH COMPRESSION GLAND TYPE FITTINGS. UNDERGROUND CONDUIT SHALL BE PVC (SCH. 40) WITH GRC ELBOWS AND RISERS WRAPPED IN CORROSION RESISTANT MATERIALS WHERE IN DIRECT CONTACT WITH THE SOIL.	32. TO MAINTAIN CONSIS MANUFACTURER, SUI STARTING CHARACTI
	11. FLEXIBLE CONDUIT SHALL BE LIMITED TO CONNECTIONS TO LIGHT FIXTURES AND FINAL CONNECTIONS TO MOTORS OR OTHER EQUIPMENT SUBJECT TO VIBRATION. LENGTHS OF FLEXIBLE OR SEAL-TITE CONDUIT SHALL NOT BE GREATER THAN 72 INCHES.	33. LIGHT FIXTURES INST ENVIRONMENT. CARI INSTALLED USE AND
	12. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL EMPTY CONDUITS WITH 200LB RATED NYLON PULL CORD.	34. ELECTRICAL CONTRA
	13. BEFORE ANY ELECTRICAL CONDUIT, BOXES, ETC. ARE COVERED (FLOOR, CEILINGS, WALLS, ETC.), THEY SHALL BE APPROVED BY THE INSPECTING OFFICER (INSPECTOR).	FOR REVIEW.
	14. WHERE WIRE SIZE IS NOT SHOWN ON THE DRAWINGS FOR 20A, 120VAC BRANCH CIRCUITS, THE CIRCUIT SHALL CONSIST OF 2#12 (CU,THHN) + 1#12 (CU,THHN) GND IN 3/4" EMT CONDUIT. THIS WIRE SIZE SHALL BE INCREASED TO #10 (CU,THHN) FOR BRANCH CIRCUITS WITH OVERALL LENGTHS EXCEEDING 125' TO ACCOMMODATE FOR VOLTAGE DROP. REFER TO EQUIPMENT SCHEDULES, FEEDER SCHEDULES, AND NOTES ON DRAWINGS FOR ALL OTHER BRANCH CIRCUIT AND FEEDER WIRE/CONDUIT SIZING.	POWER NOTES: 35. ELECTRICAL CONTRA ELECTRICAL PANELS IS NOT POSSIBLE, TH
	15. CONDUCTORS SHALL BE COPPER, 600VAC RATED, TYPE THHN/THWN-2 UNO. CONDUCTORS UP TO #10AWG SHALL BE SOLID AND CONDUCTORS #8AWG OR LARGER SHALL BE STRANDED.	36. WIRING DEVICES SHA ARCHITECT. EXTERIO
	16. METAL CLAD CABLING MAY BE USED BETWEEN DEVICES SUCH AS LIGHTING, RECEPTACLES, SWITCHES, ETC. UNLESS OTHERWISE REQUIRED BY THE NEC. HOME RUNS SHALL BE INSTALLED IN CONDUIT. MC CABLE SHALL NOT BE INSTALLED EXPOSED.	37. THE EC SHALL MAINT EQUIPMENT IS REMO
	17. EC SHALL CLEAN THE ENTIRE ELECTRICAL SYSTEM AFTER COMPLETION OF THE INSTALLATION. REMOVE ALL FINGER PRINTS, FOREIGN MATTER, PAINT, DIRT, GREASE, AND UN-NEEDED LABELS OR STICKERS FROM FIXTURES AND EQUIPMENT. REMOVE ALL RUBBISH AND DEBRIS ACCUMULATED DURING INSTALLATION FROM THE PREMISES.	38. EC SHALL COORDINA ELECTRICAL CONNEC UNLESS OTHERWISE FOR EQUIPMENT PRIO INCORRECT WIRING (THE EC'S EXPENSE
в	18. IT IS THE INTENT OF THE CONSTRUCTION DOCUMENTS FOR ALL DEVICES TO BE FLUSH MOUNTED AND CONDUIT/CABLING INSTALLED CONCEALED WITHIN WALLS/CEILINGS. IN AREAS WHERE CONDUIT MUST BE INSTALLED EXPOSED IT SHALL BE COORDINATED WITH THE ARCHITECT AND/OR ENGINEER. ALL EFFORTS SHALL BE MADE TO CONCEAL WIRING METHODS.	39. EC SHALL COORDINA BOXES FOR THERMO
	19. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH FIRE STOPPING, IE. 3M BRAND CAULK, PUTTY, STRIP AND SHEET FORMS, DOW CORNING 3-6548 SILICONE RTV FOAM.	
	20. COORDINATE LOCATION OF WALL MOUNTED DEVICES WITH CABINETRY AND OTHER WALL OBSTRUCTIONS. COORDINATE CEILING MOUNTED DEVICES WITH CEILING OBSTRUCTIONS. ANY DEVICES THAT NEED TO BE RELOCATED MUST BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL ENGINEER PRIOR TO ROUGH-IN FOR NEW	OF HEATING, AIR CON THE GROUND FAULT REQUIRED EQUIPMEN
	21. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE PLACEMENT OF ALL DEVICES	DATA/TELECOM NOTES:
	INSTALLED WITHIN THE CEILING SUCH AS LIGHTING, SPEAKERS, FIRE SPRINKLERS, SMOKE/HEAT DETECTORS, ETC. ANY EXISTING DEVICES THAT NEED TO BE RELOCATED IN ORDER TO ACCOMMODATE NEW CONSTRUCTION/REMODEL MUST BE BROUGHT TO THE ATTENTION OF THE ELECTRICAL ENGINEER PRIOR TO ROUGH-IN FOR RESOLUTION AND FURTHER DIRECTION.	41. THE ELECTRICAL CON CONSIST OF A FOUR TO THE CEILING SPACE PROVIDED AND INSTA
		ROOF NOTES:
		42. ELECTRICAL CONTRA ROOF. ALL ROOF PEI COMPLETELY SEALEI CONDUIT.

FLECTRICAL SYMBOL SCHEDLILE

COORDINATE AND CONFIRM THE EXACT LOCATION OF THE EXISTING POWER PANELS FROM WHICH TS ARE BEING FED. VERIFY EXISTING BRANCH CIRCUIT BREAKERS AND PROVIDE NEW BRANCH AKERS AS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.

COORDINATE AND CONFIRM THE EXACT LOCATION OF THE TELECOM ROOM FROM WHICH NEW DUTLETS WILL BE FED. VERIFY EXISTING PATCH PANEL SPACES AND PROVIDE NEW PATCH PANELS AS TO LAND/TERMINATE NEW TELECOM CABLING.

S NOT SHOWN ON PLANS ARE EXISTING TO REMAIN IN PLACE AND FUNCTIONAL. IN THE EVENT THAT N EXISTING DEVICE IS DAMAGED, WIRING MUST BE REPLACED AND DEVICE BROUGHT BACK TO FULL

CONTRACTOR SHALL COORDINATE AND CONFIRM THE EXACT LOCATION OF THE POWER COMPANY ANSFORMER BEFORE INSTALLING THE PAD, PRIMARY CONDUIT, AND SECONDARY SERVICE LATERAL. BOR AND CONDUIT, CONDUCTORS, WIRE WAYS, TRANSFORMER LUGS, METER BASES, METER CONDUIT, S, CONCRETE PAD/VAULT, ETC. AS NEEDED FOR A COMPLETE ELECTRIC SERVICE TO THIS FACILITY.

COORDINATE LOCATION OF TELEPHONE PEDESTAL, ROUTING/SIZE OF TELEPHONE SERVICE ID THE MAIN TELEPHONE SERVICE BOARD REQUIREMENTS WITH THE TELEPHONE COMPANY PRIOR TO NSTALL A 3/4" CONDUIT WITH (1) #6 BARE COPPER CONDUCTOR FROM TELEPHONE TERMINAL BOARD E MAIN BUILDING GROUNDING SYSTEM.

JND CONDUIT FOR SITE LIGHTING SHALL BE BURIED 24" B.F.G. AND SHALL HAVE ONE (1) #10 THHN UND CONDUCTOR TO GROUND ALL LUMINAIRES.

ENCHING IN ANY AREA, THE CONTRACTOR SHALL COORDINATE WITH COMMUNICATIONS/DATA, CABLE) WATER UTILITY PROVIDERS (BLUE STAKES), AND HAVE ALL UTILITIES IN THE AREA IDENTIFIED. IN IE CONTRACTOR SHALL OBTAIN THE SERVICES OF A SUBCONTRACTOR SPECIALIZING IN THE F UNDERGROUND STRUCTURES TO IDENTIFY ANY OBSTACLES IN THE PATH OF TRENCHING PRIOR TO WORK. DAMAGE TO ANY UNDERGROUND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR.

Y POWERED OR CONTINUOUS BURN LUMINAIRES SHOWN ON THE PLANS, SUCH AS EXIT LIGHTS, NIGHT EMERGENCY LIGHTS, SHALL BE CONNECTED TO THE UN-SWITCHED LEG OF THE LIGHTING CIRCUIT AT AREA.

INSTALLED IN THE MECHANICAL ROOM SHALL BE PLACED SO THAT ALL EQUIPMENT IS ADEQUATELY D AFTER THE MECHANICAL EQUIPMENT IS IN PLACE.

RES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND NOT THE CEILING GRID OR OTHER URAL MEMBERS.

I CONSISTENT LIGHT QUALITY, FOR ANY ONE LAMP TYPE SUPPLIED, LAMPS SHALL BE OF THE SAME RER. SURFACE TEMPERATURE, COLOR RENDERING INDEX, LAMP EFFICACY, LUMEN OUTPUT, AND HARACTERISTICS FOR ALL INSTALLED.

RES INSTALLED IN DAMP OR WET LOCATIONS SHALL BE UL LISTED FOR INSTALLATION IN THE PROPER NT. CARE SHOULD BE TAKEN TO ENSURE THAT DIFFUSERS AND LENSES ARE APPROPRIATE FOR THEIR ISE AND PREMATURE DISCOLORATION WILL NOT RESULT DUE TO EXPOSURE TO UV LIGHT, CHEMICALS, ONDITIONS.

CONTRACTOR SHALL PROVIDE LIGHTING CONTROL SHOP DRAWINGS WITH ELECTRICAL SUBMITTAL

CONTRACTOR SHALL CONFIRM MINIMUM CODE (NEC) WORKING CLEARANCE BEFORE INSTALLING ANY PANELS OR CABINETS AND SHALL MOVE THE PANELS IF REJECTED BY AN INSPECTOR. IF CLEARANCE BIBLE, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IN WRITING.

ICES SHALL BE WHITE IN COLOR WITH NYLON COVER PLATES. UNLESS OTHERWISE DIRECTED BY THE EXTERIOR OUTLETS SHALL HAVE CAST COVERS WITH FLIP TYPE LIDS UNO.

AINTAIN ELECTRICAL CONTINUITY TO REMAINING EQUIPMENT WHEN ANY EXISTING ELECTRICAL S REMOVED.

ORDINATE WITH EQUIPMENT SUPPLIERS ON THE EXACT LOCATIONS OF ALL EQUIPMENT AND CONNECTIONS PRIOR TO ROUGH-IN. THE EC SHALL MAKE THE FINAL CONNECTION TO ALL EQUIPMENT IERWISE DIRECTED BY THE EQUIPMENT SUPPLIER. OBTAIN FROM SUPPLIERS ALL WIRING DIAGRAMS IENT PRIOR TO ANY ROUGH-IN. TO ASSURE THAT PROPER CHARACTERISTICS ARE PROVIDED, ANY WIRING OR DEVICES INSTALLED BY THE EC WITHOUT THE WIRING DIAGRAM SHALL BE CORRECTED AT PENSE. PROVIDE COPIES OF WIRING DIAGRAMS WITHIN EACH PIECE OF EQUIPMENT AND ADDITIONAL H THE OPERATION AND MAINTENANCE MANUALS.

ORDINATE WITH THE MECHANICAL CONTRACTOR TO PROVIDE CONDUIT AND DEVICE MOUNTING THERMOSTATS AND OTHER MECHANICAL CONTROLS. REFER TO MECHANICAL DRAWINGS FOR THE THERMOSTATS.

ROVIDE A 20AMP, 120VAC RECEPTACLE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING , AIR CONDITIONING, AND REFRIGERATION EQUIPMENT PER NEC 210.63. RECEPTACLE SHALL BE OF D FAULT CIRCUIT INTERRUPTING TYPE, INSTALLED WITHIN A CAST METAL BOX, AND WITHIN 25' OF ALL QUIPMENT.

ICAL CONTRACTOR SHALL PROVIDE ROUGH-IN ONLY FOR THE TELECOM/CATV SYSTEMS. THIS SHALL A FOUR SQUARE DEVICE MOUNTING BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING SPACE OR ING SPACE ABOVE IF OPEN. CABLING, JACKS, FACEPLATES, TESTING AND TERMINATIONS SHALL BE ND INSTALLED BY OTHERS.

CONTRACTOR TO INSTALL A ROOF JACK (BOOT) FOR ALL CONDUIT PENETRATIONS THROUGH THE ROOF PENETRATION SEALS SHALL BE IN ACCORDANCE WITH THE ROOF WARRANTY AND BE Y SEALED WITH ROOF ADHESIVE. UTILIZE PROPER CLAMPING METHODS TO SEAL BOOT AROUND

	LLLCTRICAL STRIDOL SCHEDU	
SYMBOL	DESCRIPTION	MOUNT
	LIGHT FIXTURE - SURFACE OR RECESSED	SEE DRA
	EMERGENCY LIGHT FIXTURE - SURFACE OR RECESSED	SEE DRA
⊢⊶	LIGHT FIXTURE - OPEN STRIP	SEE DRA
— ——	EMERGENCY LIGHT FIXTURE - OPEN STRIP	SEE DRA
Ю	LIGHT FIXTURE - WALL MOUNTED	WAL
H	EMERGENCY LIGHT FIXTURE - WALL MOUNTED	WAL
\bigcirc	LIGHT FIXTURE - DOWNLIGHT	CEILII
	EMERGENCY LIGHT FIXTURE - DOWNLIGHT	CEILII
Ò	LIGHT FIXTURE - WALL WASH DOWNLIGHT	CEILII
$\bigcirc \bigcirc$	LIGHT FIXTURE - CEILING MOUNTED	CEILII
\bigcirc	LIGHT FIXTURE - PENDANT/CHANDELIER	CEILII
	LIGHT FIXTURE - WALL BRACKET	WAL
	EMERGENCY LIGHT FIXTURE - WALL BRACKET	WAL
888	LIGHT TRACK WITH FIXTURES	SURFA
×	EXIT FIXTURE - WALL MOUNT	WAL
\otimes	EXIT FIXTURE - CEILING MOUNT	CEILII
0\x0	EXIT FIXTURE W/ EMERGENCY HEADS - WALL MOUNT	WAL
0000	EXIT FIXTURE W/ EMERGENCY HEADS - CEILING MOUNT	CEILII
0 EM 0	DUAL HEAD EMERGENCY LIGHT FIXTURE	WAL
(H)	AREA LIGHT FIXTURE - POLE MOUNTED	POL
$\overline{\bullet}$	OCCUPANCY SENSOR - CEILING MOUNT	CEILII
 PO	PHOTO-ELECTRIC CELL WITH RELAY	SURFA
 (PP)	LIGHTING RELAY/POWER PACK	SURFA
		5' - 0
<u>\$05</u>	WALL OCCUPANCY SENSOR SWITCH	4' - (
\$		4' - (
 \$2		4' - (
\$3	THREE WAY SWITCH	4' - (
\$ <u>4</u>	FOUR WAY SWITCH	4' - (
 \$D		4' - (
φυ \$ιν		4' - (
<u>۷۱۷</u> ۲۵		4' - 0" 1
 ¢D		4'-(
₽F 	DUPLEX OUTLET 20A 120VAC	1' - 6"
		1' - 6"
		1' - 6"
		1' - 6" 1
→ ☆		1' 6"''
		1' - 6" 1
<u></u>		
		1 - 0 - 0
₩		1 - 0 - 0
₩	FOURDLEY OUTLET, 204, 120VAC - GEOOD	
	APPLIANCE OUTLET - 208/240V SINGLE PHASE	18" OR
	APPLIANCE OUTLET - 208/480V 3-PHASE	18" OR
<u> </u>		1' - 6" L
▼		1' - 6" L
		1' - 6" L
	DATA OUTLET - FLOOR	FLOC
	DUAL TELEPHONE/DATA OUTLET - FLOOR	FLOC
\bigcirc	CEILING DATA OUTLET/ WIRELESS ACCESS POINT	CEILII
$\overline{\Psi}$	CABLE TELEVISION OUTLET	1' - 6" L

]				Ì		
						SURFACE	
T	NOTES						
	1					FLOOK	4
+	1, 2			EN		5 - 0" UNO	4
	1					5' - 0" UNO	4
	1, 2			<u>т</u>	5' - 0" UNO	4	
	1			ER/DISCONNEC		5' - 0" UNO	
	1.2					5' - 0" UNO	
	1		ONTACTOR			5' - 0" UNO	
	1 2					SURFACE	
	1		IETER - PLAN VIEW			WALL	
	1	P	USH BUTTON SWITCH			4' - 0"	
	1	E E	MERGENCY POWER SHUTOFF S	SWITCH		4' - 0"	
	1	P.	ANELBOARD - SURFACE MOUNT	ED		6' - 6" TO TOP	
	1 2	P.	ANELBOARD - RECESSED			6' - 6" TO TOP	
	1, 2	Т	RANSFORMER - PLAN VIEW			PAD/FLOOR	
	1 2 2	T	ELEPHONE TERMINAL BOARD		, l	WALL	
	1, 2, 3) c	IRCUIT BREAKER	M	METER -	ONE-LINE	
	1, 2, 3	M	ILO PANEL - ONE-LINE		TRANSF	ANSFORMER - ONE-LINE	
_	1, 2	<u>ک</u>	ICB PANEL - ONE-LINE		PAD MOU	PAD MOUNT XFMR - ONE-LINE	
	1		UTOMATIC TRANSFER SWITCH		GROUNE	GROUND SLEEVE - ONE-LINE	
	1	↓ Ů L	T ENCLOSURE - ONE-LINE		FUSED D	SCONNECT - ON	IE-LINE
+					FUSED S	WITCH	
		$> $		Ē	GROUNE)	
		1 0	HRISER	XXX	CABLE/W	/IRE SIZE TAG	
		x κ	EYED NOTE TAG		1		
			ECHANICAL/ELECTRICAL EQUIP	MENT TAG			
			THER EQUIPMENT TAG				
						ERGROUND/FLOC	
)WN
				NEL: # OF ARR	OWHEADS	INDICATE # OF C	CIRCUITS
			(SEPARATE NEUTRAL PER	CIRCUIT). BOT	H EX. INCL	UDE AN EQUIP. O	GROUND.
				NOTES			
		1. SEE LIC	GHTING FIXTURE SCHEDULE FO		LING, AND		CS.
		LIGHTI	NG BRANCH CIRCUIT.	LIGHTS TO THE	UNSVITC	UF THE UF THE	AREA
		3. ARROV					
		5. MOUNT	SWITCH AT DOOR JAM PER MA	NUFACTURER'S	S INSTRUC	TIONS.	
		6. PROVI	DE UL LISTED DEVICE TO BE USI	ED WITH THE FI	RE ALARM	I PANEL/SYSTEM	OR
		7. PROVI	DE RACEWAY WITH OUTLETS 12	" ON CENTER U	NO.		
			ABBR	EVIATIONS			
		AFCI - ARC	FAULT CKT INTERRUPTER	MCB	- MAIN CIF	CUIT BREAKER	
		AFF - ABOV	E FINISHED FLOOR /E FINISHED GRADF		- MOTOR	CONTROL CENTE	R EL
		AIC - AMPS	INTERRUPTING CAPACITY	MLO	- MAIN LU	GS ONLY	
		AL - ALUMIN ATS - AUTO	NUM MATIC TRANSFER SWITCH	(N) - I NIC -	NEW NOT IN CO	ONTRACT	
		BC - BARE C	COPPER	NEC	- NATIONA	L ELECTRICAL CO	ODE
		BFC - BELO	W FINISHED CEILING W FINISHED GRADE	NFPA NI - M	A - NATION NIGHT LIGI	AL FIRE PROT. AS HT	SSN.
		CKT - CIRCU		NR - 1	NOT REQU	JIRED	
		CND. OR C CONDUIT NTS - NOT TO SCALE					
		C.R CORD) REEL	PNL -	PANEL	JUNINAUUN	
_			NT TRANSDUCER	POC		CONNECTION	
		(E) - EXISTIN	NG TO REMAIN	(R) - I	RELOCATE	ED	
		EC - ELECT		RÉC	- RECEPT		
		EM - EMERO	JENCY E	RMC SCA	- RIGID ME - SHORT C	LIAL CONDUIT	6
		FACP - FIRE	ALARM CONTROL PANEL	SES -	- SERVICE	ENTRANCE SWIT	CHGEAR
				SPD · TTP	- SURGE P	ROTECTIVE DEV	
		GC - GENER	AL CONTRACTOR	TR -	TAMPER R	ESISTANT	
		GFCI - GRO		TYP -	- TYPICAL		
		GND - GROU	טאנע ED GROUND	UNO VA - V	- UNLESS VOLT/AMP	NOTED OTHERW	ISE
		LCP - LIGHT	ING CONTROL PANEL	VIF -	VERIFY IN	FIELD	
		LTG - LIGHT	ING DI TAGE	VR - '	VANDAL R	ESISTANT	2
				\\/ _			-

MCA - MINIMUM CIRCUIT AMPS

		BEWILDER BREWER			445 SOUTH 400 WEST	SALI LAKE CILY, UL 84101		
	Monototototototototototototototototototo	No.	ST ROF 794 DAY STE	5/2C 5/2C 5/2C 5/2C 5/2C 5/2C 5/2C 5/2C	-220 V.			
REVISIONS								
ROCKY MOIINTAIN	CONSULTING ENGINEERS, INC.	2117 South 3600 West, Salt Lake City, UT 84119			DWS	3Y: DWS	04/04/2019	Y MOUNTAIN CONSULTING ENGINEERS, INC 2019
SHE	ET T	TITLE		PROJECT #:	DRAWN BY:	CHECKED B	DATE:	(C) ROCK

ELECTRICAL SHEET INDEX				
E001	ELECTRICAL GENERAL SHEET			
E002	ELECTRICAL SITE PLAN			
E101	LIGHTING PLAN			
E201	POWER PLAN			
E501	ELECTRICAL DETAILS			
E601	ELECTRICAL SCHEDULES			

XFMR - TRANSFORMER

E001

ELECTRICAL

GENERAL SHEET