1	2 3		4	5	6	7
_	BRANCH CIRCUIT NUMBER (SEE REFER	ENCED PAN	IEL SCHEDULE).			
FÍ 1	— DESIGNATES LIGHTING CONTROL.					
a	NOTE: NUMBER ADJACENT TO LIG	HTING FIXT	URE INDICATES B	RANCH CIRCUIT NUMBER.		
	LOWERCASE LETTER ADJACENT TO LIG UNLESS OTHERWISE NOTED, LIGHTING	GHTING FIXT	URE INDICATES S DOM/AREA SHALL	SWITCHING ARRANGEMEN BE CONTROLLED BY WAL	T. L	
	SWITCH(ES) OR OCCUPANCY SENSOR(CONTROL WIRING IN QUANTITY AND CO	S) SHOWN II DNFIGURATI	N THAT ROOM/AR ON REQUIRED TC	EA. PROVIDE SWITCH PROVIDE SWITCHING		
	FUNCTIONS INDICATED.					3٤
	2'X4' RECESSED TROFFER					36
	STRIP LIGHT.					÷
	LIGHT FIXTURE CONNECTED TO BATTE	RY INVERTE	R.			SPD
\bigcirc	CEILING MOUNTED, ILLUMINATED EXIT	SIGN. NUM		QUADRANTS = NUMBER OF	-	PM
Ţ				ADDANTS - NUMPER OF		HMI
	FACES, ARROWS (IF ANY) INDICATE DIF	RECTION OF	EGRESS. PROV	IDE WITH BATTERY BALLA	ST.	
						E—
						Μ
	SUFFIX INDICATES LIGHT FIXTURES CONTR	ROLLED). 3=	3 WAY, 4=4 WAY,			衾、
	UUUNI 3EINJUK. WALL MUUNI 4	NU AFF UUN) (L
						₩
	FIRE /	ALARM				-0 0
F	FIRE ALARM MANUAL PULL STATION					谷口
\square	FIRE ALARM HORN STROBE					₩
X	FIRE ALARM STROBE LIGHT					
(\mathbf{I})	SMOKE DETECTOR					ļ Ļ
	HEAT DETECTOR					
<u>)</u>	DUCT DETECTOR					
FACP	FIRE ALARM CONTROL PANEL					EXI:
FAAP	FIRE ALARM REMOTE ANNUNCIATOR PANE	EL				RAC
TS	TAMPER SWITCH					
FS	WATER FLOW SWITCH					30/3/20/3R
MM	MONITORING MODULE					<u>30/3</u>
AC		IP K	INTERNET PROT	OCOL		BOX
AFC	ABOVE FINISHED COUNTER ABOVE FINISHED FLOOR	KCMIL	THOUSAND CIRC	CULAR MILLS		DIM
AFG AHU	ABOVE FINISHED GRADE AIR HANDLING UNIT	LRP MAX	MAXIMUM	PANEL		DUF
AIC ATS	AMPERES INTERRUPTING CAPACITY AUTOMATIC TRANSFER SWITCH	MCB MCP	MAIN CIRCUIT BE MOTOR CIRCUIT	PROTECTOR		⊟ GFC
BIL BOT	BASIC IMPULSE LEVEL BOTTOM OF TRAY	MLO MIN	MAIN LUGS ONLY MINIMUM	Y		⊐ ⊖ DUF
BMS C	BUILDING MANAGEMENT SYSTEM CONDUIT	N NEC	NEUTRAL	TRIC CODE (NFPA 70)		GFC
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	NIC NTS	NOT IN CONTRAC	СТ		J JUN
СМ	DEVICE LOCATION SHALL BE COORDINATED WITH ARCHITECT AND	OC OFCI	ON CENTER OWNER FURNISH	HED, CONTRACTOR		
CMU	ARCHITECTURAL ELEVATIONS CONCRETE MASONRY UNIT	PC	INSTALLED PHOTOCFI I			S _M MAN
CPT	CONTROL POWER TRANSFORMER	PNL PNL	PANEL			
DDC			POLY-VINYL CHL			
EC	EXHAUST FAN	RGSC	GALVANIZED ST	EEL CONDUIT		
EGC EM	EQUIPMENT GROUNDING CONDUCTOR DEVICE OR EQUIPMENT CONNECTED TO	RECP	RECEPTACLE			
EMT	EMERGENCY POWER ELECTRICAL METALLIC TUBING	RL RMC	RIGID METAL CO	NDUIT		
ETR FACP	EXISTING TO REMAIN FIRE ALARM CONTROL PANEL	RMS RN	ROOT MEAN SQU	JARE EVICE IN EXISTING		MAC OTH
FVNR G	FULL VOLTAGE, NON-REVERSING GROUND	SYM	BACK-BOX SYMMETRICAL			
GFI GFCI	GROUND FAULT INTERRUPTER GROUND FAULT INTERRUPTER	SWBD TFMR	SWITCHBOARD TRANSFORMER			(UN
GFP	GROUND FAULT PROTECTION			HED, TENANT INSTALLED		-⊤-⊤ GR(
GRD		TYP				Curran UNI:
H		UPS		D POWER SUPPLY		<u>∕1.5</u> ∕ MO [¬]
L		v VFD	VOLIS VARIABLE FREQUENT			—P— SUF
HID HP	HIGH PRESSURE SODIUM	WP XFMR	WEATHERPROOI TRANSFORMER	F		
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT					
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT		~~~~~~	~~~~~~		
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT	ERS, AND PA	RTITIONS		`	
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT	ERS, AND PA	RTITIONS		}	
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT FIRE/SMOKE, BARRIE SMOKE BARRIER 1 HOUR FIRE BARRIER	ERS, AND PA	ARTITIONS			
HID HP HPS HVAC	HEATING, VENTILATION AND COOLING UNIT FIRE/SMOKE, BARRIE SMOKE BARRIER 1 HOUR FIRE BARRIER 2 HOUR FIRE BARRIER	ERS, AND PA	RTITIONS			

2 3		4 5	6	7	8	9	10	11	12	13	14	15
						ELECTRICAL LEG	END					
LIGHTING (FIXTURES)				ONE-LINE DIAGRAM LEG	.GEND				PROJECT	ELECTRICAL PHA
E TYPE (SEE LUMINAIRE SCHE CIRCUIT NUMBER (SEE REFERI	EDULE). ENCED PA	NEL SCHEDULE).			100N FE	EEDER, CONDUIT AND WIRE SIZE A	٩S		-	MAJOR PROJECT & DB301 AND RE-CIF TEACHING HOSPI	COPE INCLUDES REPL CUITING TEACHING HO	ACEMENT OF EXI SPITAL LOADS OI M. RECOMMENDI
ES LIGHTING CONTROL. NUMBER ADJACENT TO LIG SE LETTER ADJACENT TO LIG THERWISE NOTED, LIGHTING S) OR OCCUPANCY SENSOR(S WIRING IN QUANTITY AND CO IS INDICATED.	HTING FIX HTING FIX IN EACH R S) SHOWN NFIGURAT	TURE INDICATES BRANCH CIRCUIT NUMBER. TURE INDICATES SWITCHING ARRANGEMENT OOM/AREA SHALL BE CONTROLLED BY WALL IN THAT ROOM/AREA. PROVIDE SWITCH ION REQUIRED TO PROVIDE SWITCHING	- - -			DICATED BY FEEDER MARK. QUIPMENT, REFER TO SCHEDULE F ORE INFORMATION. RANSFORMER, THREE PHASE.	FOR			 PHASE 1: PRO ROUTED THRO DB301. INCLUI INSTALLATION PHASE 2: PRO TEACHING HC GE08 TRANSF PHASE 3: INS TEMPORARY 	VIDE TEMPORARY NOR)UGH DUCTBANK DB30)ES REMOVAL OF PANE I OF NEW PANEL CD1-2, VIDE NEW PULLBOXES SPITAL GENERATOR PI ER SWITCHES. REMOVI TALL PERMANENT SER'	MAL POWER SOU 1, AND DEMOLISH ELS GL-4, GL-5, GL , AND RE-LOCATIO ASSOCIATED WIT LANT AND PROVIE E CCA GENERATO VICES FROM THE
ESSED TROFFER				l	<u></u>					1E-17, HYBRID OR ISOLATION	PANEL MP, PROVIDE N I POWER PANELS.	EW CRITICAL DIS
FURE CONNECTED TO BATTER	RY INVERT	ER.			SPD SI	URGE PROTECTION DEVICE					P	'ROJECT GENERA
IOUNTED, ILLUMINATED EXIT ROWS (IF ANY) INDICATE DIRI	SIGN. NUM ECTION OF	BER OF SHADED QUADRANTS = NUMBER OF EGRESS. PROVIDE WITH BATTERY BALLAS	г.		PM P	OWER METER UMAN MACHINE INTERFACE				1. PERFORM WO APPROVED B` CONDITIONS.	RK AT SUCH TIME AND / THE ENGINEER. NO A	IN SUCH MANNEF
JNTED, ILLUMINATED EXIT SIG ROWS (IF ANY) INDICATE DIR	SN. NUMBE RECTION O	R OF SHADED QUADRANTS = NUMBER OF F EGRESS. PROVIDE WITH BATTERY BALLAS	ST.		C	ONDUIT AND WIRE FURNISHED AND	D INSTALLED BY CONTRA	ACTOR.		2. THE OWNER II UTILITIES SHA DURATION OF	NTENDS TO CONTINUE LL NOT BE INTERRUPT THE OUTAGE.	OPERATIONS THE
					c	URRENT TRANSFORMER				3. CONSTRUCTION SERVICES AF	ON PHASING IS CRITICA	L TO HOSPITAL S GES IS REQUIRED
LIGHTING OUNTED SINGLE POLE 20A SW ATES LIGHT FIXTURES CONTR	CONTROL VITCH, RAT ROLLED). 3	ED 120/277 VAC. (LETTER =3 WAY, 4=4 WAY,			_ M∪ ☆	TILITY REVENUE METER				4. ALL UTILITY O ADVANCE OF WEATHER. O DUBING WEEL	UTAGES SHALL BE COC STARTING WORK. OUT/ FF HOURS SHALL BE AF	ORDINATED WITH AGES SHALL OCC TER 10PM AND B
ICY SENSOR. WALL MOUNT 48	8" AFF UOI	Ν.			°) D ∛	RAW OUT TYPE, AIR INSULATED AN	ND POWER CIRCUIT BRE	EAKER		5. CONTRACTOF PRIOR TO SCI	L SHALL BE RESPONSIB IEDULING OUTAGES W	LE FOR IDENTIFY
FIRE A	ALARM			_	⊸od∥s	URGE ARRESTER				6. CONTRACTOF PER OWNER'S	IS REQUIRED TO USE THEATHCARE CONSTRU	THE OWNERS HO
IORN STROBE										7. ALL CIRCUIT C 260553.	ONDUCTORS AND RAC	EWAYS SHALL BE
CTOR					F	USED HIGH VOLTAGE DUPLEX SWI	ТСН			 8. LEGEND IS GE SEE PLANS FC 9. CONTRACTOR 	NERAL IN NATURE AND OR SPECIFIC SYMBOLS	MAY INDICATE M AND ABBREVIATIO
ror						POWER SYMBO	OLS			PRIOR TO BEC SHOWN.	SINNING ANY WORK. AL	
					- EXISTING RA	ACEWAY				10. ALL CONDUIT MAY REQUIRE WITH FXISTIN	ROUTING AND CIRCUIT ADDITIONAL J-BOXES / G CONDITIONS	ING SHOWN IS DI AND/OR SPECIAL
CH	L				- RACEWAY E					11. MAINTAIN EXI	STING INSTALLATIONS	EXCEPT WHERE I
SWITCH				ل 30/3/20/3I	OTHERWISE	E INDICATED). WALL MOUNT 5' AFF I	UON.	ENCLOSURE (UNLESS			ING INSTALLATIONS AS	3 REQUIRED TO C
MODULE						ENCLOSURE TYPE (IF OTHER THAN FUSE (NF = NON-FUSED)	N NEMA 1)			13. DISCONNECT	ALL BE FIELD VERIFIED	
	IATIONS IG IP	ISOLATED GROUND				SIZE				INSTALLATION LUMINAIRES, I TO RESOLVE	OF NEW MECHANICAL ELECTRICAL DEVICES, I ALL CONFLICTS AS APP	, PLUMBING AND RACEWAYS, ETC. 'ROVED BY THE E
ED COUNTER ED FLOOR ED GRADE	K KCMIL LRP	KILO THOUSAND CIRCULAR MILLS LIGHTING RELAY PANEL		-	DUPLEY REC	BER ADJACENT TO DEVICE, OUTLE S ADJACENT TO BOXES AND DEVIC	ET, OR BOX INDICATES BI CES INDICATES MOUNTIN	BRANCH CIRCUIT NUMBER	٦.	14. FURNISH AND CIRCUIT CON AREA THAT IS	INSTALL CONDUIT, WIR INUITY FOR EXISTING V SERVED FROM OR THF	₹E, CABLING, JUN WIRING DEVICES ROUGH THE RENC
ERRUPTING CAPACITY RANSFER SWITCH E LEVEL	MAX MCB MCP MLO	MAXIMUM MAIN CIRCUIT BREAKER MOTOR CIRCUIT PROTECTOR MAIN LUGS ONLY			GFCI PROTE	ECTED DUPLEX RECEPTACLE OUTL	LET, WALL MOUNTED 18"	' AFF, UON.		15. COORDINATE CONDUIT AND AND EXISTIN(THE INSTALLATION OF CABLE SHALL BE ROU EQUIPMENT IS AVOIDI	NEW WORK WITH TED AND INSTALL ED.
RAY IAGEMENT SYSTEM & FURNISHED, CONTRACTOR	MIN N NEC NIC	MINIMUM NEUTRAL NATIONAL ELECTRIC CODE (NFPA 70) NOT IN CONTRACT			GFCI DUPLE	X RECEPTACLE OUTLET ON STANDBY P	DBY POWER, WALL MOUNTED	NTED 18" AFF, UON.		16. CONTRACTOF ELECTRICAL (MECHANICAL	SHALL COORDINATE E CONSTRUCTION DOCUM	EXACT PLACEMEN
TION SHALL BE D WITH ARCHITECT AND RAL ELEVATIONS	NTS OC OFCI	NOT TO SCALE ON CENTER OWNER FURNISHED, CONTRACTOR INSTALLED			JUNCTION B	OX, ABOVE CEILING.				17. WHERE RACE APPROPRIATE RATINGS ALL	WAYS PENETRATE RAT E MATERIALS SHALL BE FIRESTOPPING SHALL	ED FIRE AND SM FURNISHED AND
ASONRY UNIT WER TRANSFORMER	PC PNL PNI BC	PHOTOCELL PANEL PANEL BOARD		S _M ⊥	MANUAL MC GROUND.	TOR SWITCH AND THERMAL OVER	LOAD.			FIRESTOPING	CONTRACTOR. SEE SP	ECIFICATIONS AN
AL CONTROL JIT	PVC PIV	POLY-VINYL CHLORIDE CONDUIT POST INDICATOR VALVE		T	DRY TYPE T	RANSFORMER				18. A MAXIMUM O	F SIX CURRENT-CARRY	ING CONDUCTOR
ROUNDING CONDUCTOR UIPMENT CONNECTED TO POWER	RGSC REC RECP RL	RECEPTACLE RECEPTACLE RELOCATED			PANELBOAR	RD, SURFACE MOUNTED				OR SUSPICIOU PERFORM AN' UNTIL ALL AB/	JS ELEMENTS THAT MA / DEMOLITION, DISTURI ATEMENT PROCEDURE:	Y CONTAIN ASBE BANCE, REMOVAL S HAVE BEEN PEF
IETALLIC TUBING REMAIN ONTROL PANEL	RMC RMS RN	RIGID METAL CONDUIT ROOT MEAN SQUARE INSTALL NEW DEVICE IN EXISTING		\boxtimes	MAGNETIC N OTHERWISE	MOTOR STARTER, SURFACE MOUN NOTED). WALL MOUNT 5' AFF, UO	ITED, SIZE 1, NEMA 1 EN()N.	CLOSURE (UNLESS				
T INTERRUPTER	SYM SWBD TFMR	SYMMETRICAL SWITCHBOARD TRANSFORMER		4	COMBINATIO	ON STARTER, SURFACE MOUNTED, HERWISE INDICATED). WALL MOUN	, 600V, 3POLE, FVNR, SIZ NT 5' AFF UON.	ZE 1, NEMA 1 ENCLOSUR	E			
T PROTECTION	TFTI TBD TYP	TENANT FURNISHED, TENANT INSTALLED TO BE DETERMINED TYPICAL			GROUND BL	IS BAR. OR MOUNTING OF DEVICES.						
RIGID STEEL CONDUIT TED HORIZONTALLY FY DISCHARGE	UON UPS V	UNLESS OTHERWISE NOTED UNINTERRUPTED POWER SUPPLY VOLTS		(1.5)	MOTOR, NUI	MBER INDICATES HORSEPOWER RA	ATING.					
R RE SODIUM TILATION AND COOLING UNIT	VFD WP XFMR	VARIABLE FREQUENCY DRIVE WEATHERPROOF TRANSFORMER		— P —	SURFACE M	OUNTED PLUGMOLD.						

12		13	14	15	16	17
			PROJECT E	LECTRICAL PHASING	NARRATIVE	
	MA DB3 TEA	JOR PROJECT SCO 301 AND RE-CIRCL ACHING HOSPITAL	OPE INCLUDES REPLA JITING TEACHING HOS GENERATOR SYSTEM	CEMENT OF EXISTING PITAL LOADS OFF OF 1. RECOMMENDED PH	PULLBOXES ASSOCIATE THE CCA GENERATOR S ASING:	ED WITH DUCTBANK SYSTEM AND ONTO THE
	1. 2. 3.	PHASE 1: PROVIE ROUTED THROUG DB301. INCLUDES INSTALLATION O PHASE 2: PROVIE TEACHING HOSP GE08 TRANSFER PHASE 3: INSTAL TEMPORARY GE 1E-17, HYBRID PA OR ISOLATION P	DE TEMPORARY NORM GH DUCTBANK DB301, S REMOVAL OF PANEL F NEW PANEL CD1-2, A DE NEW PULLBOXES A PITAL GENERATOR PLA SWITCHES. REMOVE LL PERMANENT SERVION NERATOR SERVICE, AN ANEL MP, PROVIDE NE OWER PANELS.	IAL POWER SOURCE I AND DEMOLISH EXIS S GL-4, GL-5, GL-6, AN AND RE-LOCATION OF SSOCIATED WITH DUC NT AND PROVIDE TEM CCA GENERATOR SEF CES FROM THE TEACI ND REMOVE REMAININ W CRITICAL DISTRIBU	N GE08, REMOVE ALL CO TING PULLBOXES ASSOC ID ASSOCIATED PULLBOX EXISTING LIGHTING INVI CTBANK DB301. RE-CIRC MPORARY GENERATOR S RVICE TO GE08. HING HOSPITAL GENERA NG TRANSFER SWITCHES ITION TO OR SUITE AND I	ONDUCTORS CURRENTLY HATED WITH DUCTBANK X IN GASOLINE ALLEY, ERTERS. UIT FIRE PUMP TO THE SERVICE TO EXISTING TOR PLANT, REMOVE S IN GE08. RE-CIRCUIT CT RE-CIRCUIT HALF OF THE
			PR	OJECT GENERAL NOT	ES	
	1.	PERFORM WORK APPROVED BY T CONDITIONS.	(AT SUCH TIME AND IN THE ENGINEER. NO ALI	N SUCH MANNER TO M LOWANCE WILL BE MA	INIMIZE INCONVENIENC ADE FOR LACK OF KNOW	E TO THE OWNER AND AS LEDGE OF EXISTING
	2.	THE OWNER INTI UTILITIES SHALL DURATION OF TH	ENDS TO CONTINUE O NOT BE INTERRUPTEI HE OUTAGE.	PERATIONS THROUGI D WITHOUT THE OWNI	HOUT THE DURATION OF ER'S WRITTEN APPROVA	[:] THE PROJECT. IL AS TO THE TIME AND
	3.	CONSTRUCTION SERVICES AFTER	PHASING IS CRITICAL R SCHEDULED OUTAGI	TO HOSPITAL SERVIC ES IS REQUIRED.	CES AND THE PROMPT RE	ESTORATION OF ALL
	4.	ALL UTILITY OUT ADVANCE OF ST WEATHER. OFF DURING WEEKDA	AGES SHALL BE COOF ARTING WORK. OUTAG HOURS SHALL BE AFT AYS WHEN POSSIBLE.	RDINATED WITH OWNE GES SHALL OCCUR DU ER 10PM AND BEFORE	ER NO LESS THAN 10 BUS JRING OFF HOURS AND N E 5AM. OUTAGES SHOUL	SINESS DAYS IN NOT DURING ADVERSE D BE PRIORITIZED
	5.	CONTRACTOR SI PRIOR TO SCHEI	HALL BE RESPONSIBLE DULING OUTAGES WIT	E FOR IDENTIFYING TH H THE HOSPITAL FACI	HE EXTENT OF OUTAGES ILITIES.	OF HOSPITAL SERVICES
	6.	CONTRACTOR IS PER OWNER'S HI	REQUIRED TO USE THE ATHCARE CONSTRUCT	HE OWNERS HOT WOR	RK AND UTILITY OUTAGE REMENTS DOCUMENT.	PERMIT REQUIREMENTS
	7.	ALL CIRCUIT CON 260553.	NDUCTORS AND RACE	WAYS SHALL BE LABE	ELED IN ACCORDANCE W	/ITH SPECIFICATION
	8.	LEGEND IS GENE SEE PLANS FOR	ERAL IN NATURE AND M SPECIFIC SYMBOLS AI	MAY INDICATE MORE I ND ABBREVIATIONS.	INFORMATION THAN IS A	PPLICABLE TO PROJECT.
	9.	CONTRACTOR IS PRIOR TO BEGIN SHOWN.	RESPONSIBLE FOR FI	ELD VERIFYING EXIS EXISTING CONDUIT, \	TING CONDITIONS AND E WIRE, EQUIPMENT, DEVIC	QUIPMENT LOCATIONS CES, ETC. MAY NOT BE
	10.	ALL CONDUIT RC MAY REQUIRE AI WITH EXISTING C	DUTING AND CIRCUITIN DDITIONAL J-BOXES AN CONDITIONS.	IG SHOWN IS DIAGRA ND/OR SPECIAL FITTIN	MMATIC ONLY. EXACT R NGS. COORDINATE INST	OUTING MAY VARY AND ALLATION OF NEW WORK
	11.	MAINTAIN EXISTI MODIFY EXISTIN	ING INSTALLATIONS EX G INSTALLATIONS AS F	CEPT WHERE INDICA	TED. FURNISH AND INST CT NEW WORK.	TALL ALL MATERIALS TO
	12.	WHERE EXISTING	G RACEWAYS AND EQU L BE FIELD VERIFIED P	JIPMENT ARE INDICAT RIOR TO BIDDING.	TED ON THE DRAWINGS,	EXACT SIZE AND
	13.	DISCONNECT, RE INSTALLATION O LUMINAIRES, ELE TO RESOLVE ALL	EMOVE, RELOCATE AN F NEW MECHANICAL, F ECTRICAL DEVICES, RA L CONFLICTS AS APPR	D RECONNECT ALL EX PLUMBING AND ELECT ACEWAYS, ETC. MOD OVED BY THE ENGINE	XISTING ELECTRICAL CO FRICAL WORK CONFLICT IFY THE EXISTING INSTA EER AND AT NO EXTRA C	MPONENTS WHERE THE S WITH EXISTING LLATION AS REQUIRED OST TO THE OWNER.
R.	14.	FURNISH AND IN CIRCUIT CONTIN AREA THAT IS SE	STALL CONDUIT, WIRE IUITY FOR EXISTING W ERVED FROM OR THRO	, CABLING, JUNCTION IRING DEVICES AND E DUGH THE RENOVATIO	I BOXES, ETC. AS REQUIF EQUIPMENT LOCATED OL ON AREA.	RED TO MAINTAIN JTSIDE OF THE PROJECT
	15.	COORDINATE TH CONDUIT AND CA AND EXISTING E	IE INSTALLATION OF N ABLE SHALL BE ROUTE QUIPMENT IS AVOIDED	EW WORK WITH ALL N ED AND INSTALLED IN).	NEW AND EXISTING FIELD) CONDITIONS. NEW)CKING SERVICE TO NEW
	16.	CONTRACTOR SI ELECTRICAL CON MECHANICAL DR	HALL COORDINATE EX NSTRUCTION DOCUME RAWINGS PRIOR TO FIN	ACT PLACEMENT OF A INTS WITH ARCHITEC IAL PLACEMENT.	ALL DEVICES AND EQUIP TURAL, STRUCTURAL, FII	MENT SHOWN ON RE PROTECTION AND
	17.	WHERE RACEWA APPROPRIATE M RATINGS. ALL FI FIRESTOPING CO	AYS PENETRATE RATE IATERIALS SHALL BE F IRESTOPPING SHALL U ONTRACTOR. SEE SPE	D FIRE AND SMOKE A URNISHED AND INSTA ISE UL LISTED ASSEM CIFICATIONS AND DET	SSEMBLIES, SUCH AS WALLED TO MAINTAIN THE IBLIES AND BE INSTALLE TAILS FOR ADDITIONAL IN	ALLS AND FLOORS, THE FIRE AND SMOKE D BY A CERTIFIED NFORMATION.
	18.	A MAXIMUM OF S	SIX CURRENT-CARRYIN	NG CONDUCTORS SHA	ALL BE INSTALLED IN EAG	CH RACEWAY.
	19.	AS PART OF THE	GENERAL REQUIREN	IENTS, THE CONTRAC	TOR SHALL NOTIFY THE	OWNER OF ANY KNOWN

OR SUSPICIOUS ELEMENTS THAT MAY CONTAIN ASBESTOS MATERIALS. THE CONTRACTOR SHALL NOT PERFORM ANY DEMOLITION, DISTURBANCE, REMOVAL, OR PROVIDE CONNECTIONS TO THESE ELEMENTS UNTIL ALL ABATEMENT PROCEDURES HAVE BEEN PERFORMED, CORRECTED, AND VERIFIED.



17		
	no.datebyckddescription007/09/21JMCREDISSUED FOR BID108/12/21JMCREDADDENDUM #1	
ED WITH DUCTBANK		
ONDUCTORS CURRENTLY		А
IATED WITH DUCTBANK X IN GASOLINE ALLEY, ERTERS. UIT FIRE PUMP TO THE		
SERVICE TO EXISTING TOR PLANT, REMOVE		
RE-CIRCUIT HALF OF THE		в
E TO THE OWNER AND AS LEDGE OF EXISTING		
THE PROJECT. L AS TO THE TIME AND		с
ESTORATION OF ALL		
SINESS DAYS IN NOT DURING ADVERSE D BE PRIORITIZED		
OF HOSPITAL SERVICES		D
PERMIT REQUIREMENTS		
ITH SPECIFICATION		
PPLICABLE TO PROJECT.		
QUIPMENT LOCATIONS CES, ETC. MAY NOT BE		
OUTING MAY VARY AND ALLATION OF NEW WORK		F
TALL ALL MATERIALS TO		
EXACT SIZE AND		
MPONENTS WHERE THE S WITH EXISTING LLATION AS REQUIRED OST TO THE OWNER.		G
RED TO MAINTAIN ITSIDE OF THE PROJECT		
O CONDITIONS. NEW OCKING SERVICE TO NEW		н
MENT SHOWN ON RE PROTECTION AND		
ALLS AND FLOORS, THE FIRE AND SMOKE D BY A CERTIFIED NFORMATION.		
		1
OWNER OF ANY KNOWN RACTOR SHALL NOT TO THESE ELEMENTS /ERIFIED.		
		J
	9400 WARD PARKWAY	
	KANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165	к
	datedetailed11/20/2020J. CHASEdesignedchecked	
	R. DEBAUN R. DEBAUN	
_		L
ANTE OF MISSOL	UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI	
REID E → DeBAUN ★ NUMBER PE-2009009323	CCA & TH EMERGENCY POWER MODIFICATIONS ELECTRICAL LEGEND	м
EIZZ	project contract 128966 CP210961 drawing rev.	
REID E. DEBAUN PROFESSIONAL ENGINEER LICENSE NO. PF-2009009323	E-UU1 — 1 <u>sheet of sheets</u> <u>file 128966 E-001.DWG</u>	
	·· <u> </u>	4



	7	7

no.	date by ckd description
0 1	07/09/21 JMC RED ISSUED FOR BID 08/12/21 JMC RED ADDENDUM #1
	CCA PCT
M	
	NOT TO SCALE
	MEDONNELL
	9400 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400
dat	detailed 11/20/2020
des	signed checked R. DEBAUN R. DEBAUN
U	NIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI
	CCA & TH EMERGENCY POWER MODIFICATIONS
pro	GROUND FLOOR ELECTRICAL PLAN - PHASE 2 ject j contract
dra	128966 CP210961
sha	E-102 — 1



12	13	14	15	16	17
			 GENERAL NOTES: REFER TO SHEET ABBREVIATIONS. REFER TO SHEET I CLOSELY COORDIN BEGINNING WORK BUSINESS DAYS IN AND FOLLOW ALL DIVISION 1 SPECIF FIELD VERIFY ALL ALL ELECTRICAL E REMAIN, UON. REFER TO SPEC S REQUIREMENTS. NEW PENETRATIO ASSEMBLIES SHAL A CERTIFIED FIRES FIRE RATING OF TI PERFORM CONSTR ASSESSMENT (CR ANALYSIS PER OW WORK WILL OCCU DETAILS. DO NOT IN 	E-001 FOR PROJECT G E-502 FOR PHASE 2 PF NATE ALL SHUTDOWN OBTAIN OWNER APPF ADVANCE FOR ALL S OWNER GUIDELINES A ICATION. EXISTING CONDITIONS QUIPMENT SHOWN HA ECTION 260553 FOR RA NS THROUGH FIRE-RA L BE FIRESTOPPED W STOPPING CONTRACT HE ASSEMBLY TO BE F RUCTION RENOVATION MRA) AND INTERIM LIF /NER'S GUIDELINES AT R. REFER TO DIVISION PROCEED WITH WORK	ENERAL NOTES, SYMBOLS, AND ROJECT ONE-LINE DIAGRAM. S WITH THE OWNER PRIOR TO ROVAL NO LESS THAN 10 HUTDOWNS AND DISRUPTIONS ND PROCEDURES. REFER TO S. ALF TONE IS EXISTING TO ACEWAY IDENTIFICATION TED FLOOR AND WALL THA UL LISTED ASSEMBLY BY OR. SYSTEM SHALL MATCH THE PORTRATED. MAINTENANCE RISK E SAFETY MEASURES (ILSM) FACH LOCATION WHERE I SPECIFICATIONS FOR WITHOUT OWNERS APPROVAL.
	BOLLARD				
BOLLARDS			 <u>KEYED NOTES:</u> # 1. COORDINATE FINA 3#1, 1#8G ~1.25" C 2. BOND SEPARATEL WITH GROUNDING BUS IN ELECTRICA 3. CIRCUITS SHALL E LOCATED IN GE-08 4. MOUNT (4) TEMPO "PARTIAL RISER DI 	L POWER REQUIREME TO TEMPORARY GENE Y DERIVED TEMPORAF ELECTRODE CONDUC L ROOM GE-08A. XTEND THROUGH ARE RARY FUSED SWITCHE AGRAM - PHASE 2" ON	ENTS WITH VENDOR. PROVIDE ERATOR LOAD CENTER. RY GENERATOR SERVICE TOR TO EXISTING GROUND EAWAY TO EQUIPMENT ES ON UNISTRUT. SEE I SHEET E-502 FOR DETAILS.
	BOLLARD (TYP)J	•			
+					







F		
T	SERVICE TYPE	DESTINATION
	SPARE	N/A
	SPARE	N/A
	SPARE	N/A
	NORMAL POWER	P1
	SPARE	N/A
	SPARE	N/A
	SPARE	N/A
	EQUIPMENT POWER	X-EPD2
	SPARE	N/A

	Í
no. date by ckd description 0 07/09/21 JMC RED ISSUED FOR BID	
1 08/12/21 JMC RED ADDENDUM #1	
	Α
	В
	С
	F
	F
	G
	G
	G
	G
	G
	-G
	-G
	н
	H
	-G
CCA PCT CCA CCA CCA	-G
	-G
CCA PCT CCA PCT LC MPC	-G
CCA PCT CCA PCT CCA	-G
KEY PLAN NOT TO SCALE	-G I J
KEY PLAN NOT TO SCALE	-G H J
KEY PLAN NOT TO SCALE	-G H J
Image: constrained of the second of the s	-G H J
Image: constraint of the second se	-G H J
Image: constraint of the second se	-G I J
Image: constraint of the second se	-G I J
KEY PLAN KEY PLAN NOT TO SCALE J. CHASE Checked LICENSEL Ate Metailed J. CHASE Checked R. DEBAUN	-G I J
Image: constraint of the second se	-G H J
Image: constraint of the second se	G H J K
Image: constraint of the second se	-G H I L
Image: state of the state	G H J K
Implementation Implementation Implementation Implementa	G H I K
Image: Constraint of the second se	G H J K
PCT CCA PCT CCA PCT CCA PCT CCA PCT CCA POWER MODIFICATIONS UNIVERSITY HOSPITAL <	G H J K
Image: Constraint of the second se	G H I M
Image: Second state in the second s	G H I M
Image: constraint of the second se	G H I M



10

11

1 2 3 4 5 6 7 8 **9**



- 1. REFER TO SHEET E-001 FOR PROJECT GENERAL NOTES, SYMBOLS, AND
- 2. REMOVE ALL CONDUIT AND WIRING BACK TO SOURCE AS INDICATED.

- 1. NORMAL POWER CONTINUATION TO DP-1 (TEMP). SEE DRAWING E-501 FOR
- 2. NORMAL POWER CONTINUATION TO DP-2 (TEMP). SEE DRAWING E-501 FOR
- NORMAL FOWER CONTINUATION
 800A FUSED SWITCH (TYPICAL OF 4). OVERCURRENT PROTECTION DEVICES SHALL COORDINATE WITH EXISTING DOWNSTREAM DEVICES.
 RE-CIRCUIT ALL LOADS FROM EXISTING PANEL P1 TO NEW PANEL P1. SEE PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- 5. NORMAL POWER CONTINUATION TO TRANSFORMER X-3 (TEMP). SEE DRAWING E-501



no.datebyckddescription007/09/21JMCREDISSUED FOR BID108/12/21JMCREDADDENDUM #1	
1 08/12/21 JMC RED ADDENDUM #1	-
	_
1	
	A
	в
	С
	D
	E
	F
•	G
	Н
	1
	J
	J
	J
BURNS MSDONNELL	J
Survey Sector Se	J
Survey Sector Se	J
Survey of the second state	J
Surregular	- Ч
Surrest controlSurrest control </td <td>, К</td>	, К
Surregular Structure	- -
Surregulation State 9400 WARD PARKWAY ANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 designed R. DEBAUN Image: Construction of the state of the	- -
Surrest construction Sevent construction 9400 WARD PARKWAY Sansas CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 designed R. DEBAUN R. DEBAUN Checked R. DEBAUN	- -
CENERSSURE 9400 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 designed R. DEBAUN Checked R. DEBAUN	- -
EURNS SURRNS 9400 WARD PARKWAY ANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 J. CHASE designed J. CHASE R. DEBAUN Checked R. DEBAUN R. DEBAUN UNIVERSITY HOSPITAL UNIVERSITY HOSPITAL UNIVERSITY HOSPITAL UNIVERSITY HOSPITAL	- -
SURRNS SURRNSAS CITY, MO SA114 816-333-9400 LICENSEE NO. 000165 date detailed 11/20/2020 J. CHASE designed J. CHASE R. DEBAUN Checked R. DEBAUN R. DEBAUN UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI	- -
SURNS MEDDONNELL 9400 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date detailed 11/20/2020 J. CHASE designed J. CHASE R. DEBAUN Checked R. DEBAUN R. DEBAUN VINIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI CCA & TH EMERGENCY POWER MODIFICATIONS	- -
SURNS MEDURNS SMEDDANKWAY KANSAS CITY, MO 64114 816-333.9400 LICENSEE NO. 000165 date detailed 11/20/2020 J. CHASE designed J. CHASE R. DEBAUN Checked R. DEBAUN R. DEBAUN UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI LICE & TH EMERGENCY POWER MODIFICATIONS ELECTRICAL RISER DIAGRAM - PHASE 2	J - -
Superior Super	- - -
Summer 9400 WARD PARKWAY ANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 designed R. DEBAUN R. DEBAUN UNIVERSITY HOSPITAL UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI ELECTRICAL RISER DIAGRAM - PHASE 2 project Contract 128966 CP210961 drawing rev	- - - -
Surrest contract 9400 WARD PARKWAY ANSAS CITY, MO 64114 816-333-9400 LICENSEE NO. 000165 date 11/20/2020 designed R. DEBAUN UNIVERSITY HOSPITAL UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE COLUMBIA, MISSOURI CCA & TH EMERGENCY POWER MODIFICATIONS ELECTRICAL RISER DIAGRAM - PHASE 2 project contract 128966 CP210961 drawing rev. E-502 1	

	FEEDER SIZE SCHEDULE					
FEEDER MARK	COPPER CONDUCTOR AND CONDUIT SIZE					
125N	4-#1 AND #6G ~1.5"C					
400	3-500KCMIL AND #3G ~3"C					
400N	4-500KCMIL AND #3G ~3.5"C					
600A	2 SETS (4-350KCMIL AND #1/0G) (EXIST)					
600N	2 SETS (4-350KCMIL AND #1/0G ~3"C)					
800	2 SETS (3-500KCMIL AND #1/0G ~4"C)					
800A	2 SETS (4-600KCMIL AND #1/0G) (EXIST)					
800B	2 SETS (3-600KCMIL AND #1/0G) (EXIST)					
800N	2 SETS (4-500KCMIL AND #1/0G ~4"C)					
800X	2 SETS (4-600KCMIL AND #3/0 G ~4"C)					
1200N	3 SETS (4-600KCMIL AND #3/0G ~4"C)					

	DRY-TYPE TRANSFORMER SCHEDULE						
	NO.	kVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	GROUNDING ELECTRODE CONDUCTOR		
	X-CD1	225	480	208/120	#3/0		
10	X-CD2	225	480	208/120	#3/0		
	X-ECDP1	225	480	208/120	#3/0		
	X-EPD2	225	480	208/120	#3/0		

- DOWNSTREAM 208V, 300A FUSE IN PANEL CD2. COORDINATE ALL ELECTRICAL OUTAGES WITH OWNER.
- DOWNSTREAM 125A CIRCUIT BREAKER IN PANEL 3CH1. COORDINATE ALL
- DOWNSTREAM 208V, 400A FUSE IN PANEL EPD2. COORDINATE ALL ELECTRICAL
- EXISTING UPSTREAM 800A, 480V MAIN BREAKER IN DP-EQH1 AND EXISTING
- 600A CIRCUIT BREAKER IN ECDP1.
- NEW UPSTREAM 1200A, 480V MAIN BREAKER IN DP-CH2 AND EXISTING DOWNSTREAM
- NEW UPSTREAM 400A, 480V FEEDER BREAKER IN DP-LSH1 AND EXISTING
- MONITORING AT GENERATOR CONTROL CABINET.
- INSTALLATION.





NO SCALE

no. date by ckd description	
0 07/09/21 JMC RED ISSUED FOR BID 1 08/12/21 JMC RED ADDENDUM #1	
	A
	c
	D
	E
	F
	G
	н
	I
	J
9400 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400	
LICENSEE NO. 000165	
11/20/2020J. CHASEdesignedchecked	
R. DEBAUN R. DEBAUN	
	 L
UNIVERSITY HOSPITAL UNIVERSITY OF MISSOURI HEALTH CARE	
COLUMBIA, MISSOURI	
POWER MODIFICATIONS ELECTRICAL RISER DIAGRAM - PHASE 3	N
project contract	
120900 CP210961	1
drawing rev. □ □ □	

				DISTRIBUTION PAN	EL DP-1 (TE	CMP) SCHED	ULE			
CIRCUIT		BREAKERS	5		LOAD]	DESCRIPTION	1		
NUMBER	TRIP	FRAME	POLES	EQUIPMENT SERVED	kVA	WIRE	GROUND	CONDUIT	REMARK S	
1	400A	400A	3	PANEL P1	7.9	SEE	RISER DIAGE	RAM		
2	800A	800A	3	ATS-CD1	121.9	SEE	RISER DIAGE	RAM		
3	100A	100A	2	TEMPORARY GENERATOR	16.6	SE	E FLOOR PLA	NS		
4			3							
5			3							
6			3							
7			3							
8			3							
9			3							
10			3							
11			3							
12			3							
13			3							
14			3							
CONNECT	ED kVA.	146			CONNECT	ED AMPS.	406			
13 14 CONNECT	ED kVA:	146	3		CONNECT	ED AMPS:	406			

CONNECTED kVA: DEMAND kVA:

NOTES: 1. PROVIDE MINIMUM AMPERES INTERRUPTING CAPACITY (AIC) AND BUS BRACING: 22,000 AMPERES. 2. CHARACTERISTICS:

 VOLTS:
 208
 HERTZ:
 60

237

WIRE: $\frac{1}{4}$

 PHASE:
 3
 MCB:
 1000A

				DISTRIBUTION PA	NEL CD1 S	CHEDULE			
CIRCUIT		BREAKERS	5		LOAD		DESCRIPTION	[
NUMBER	TRIP	FRAME	POLES	EQUIPMENT SERVED	kVA	WIRE	GROUND	CONDUIT	REMARKS
1	200A	250A	3	PANELS GD, 1C & 1D	11.8	4#250	1#6	2"	EXISTING FEEDER IN GL-4
2	200A	250A	3	PANELS 4D & 5D	11.8	4#3/0	1#6	2"	EXISTING FEEDER IN GL-4
3	200A	250A	3	PANELS 6D, 7D & 8B	11.8	4#4/0	1#6	2"	EXISTING FEEDER IN GL-4
4	200A	250A	3	PANELS 2L, 2J, 2L1 & 3D	11.8	4#500	1#6	2"	EXISTING FEEDER IN GL-4
5	200A	250A	3	PANELS 4K & 5K	8.9	4#4/0	1#6	2"	EXISTING FEEDER IN GL-5
6	200A	250A	3	PANELS GB1, GB2 & GB3	8.9	4#4/0	1#6	2"	EXISTING FEEDER IN GL-5
7	200A	250A	3	PANEL GBA	8.9	4#3/0	1#6	2"	EXISTING FEEDER IN GL-5
8	200A	250A	3	PANEL MK1	8.9	4#4/0	1#6	2"	EXISTING FEEDER IN GL-5
9	200A	250A	3	PANEL 4G & 5G	11.3	4#4/0	1#6	2"	EXISTING FEEDER IN GL-6
10	350A	400A	3	PANELS 2CE, 4CE, 5CE, 6CE & 7CE	5.6	4#500	1#3	3.5"	EXISTING FEEDER IN CD-1
11	400A	400A	3	TRANSFORMER THEX1ER	5.6	3#500	1#3	3"	EXISTING FEEDER IN CD-1
12	150A	250A	3	PANEL LC1EER	5.6	4#1/0	1#6	2"	EXISTING FEEDER IN CD-1
13	200A	250A	3	PANEL 2CC	5.6	4#3/0	1#6	2.5"	EXISTING FEEDER IN CD-1
14	150A	250A	3	PANEL 3CEF	5.6	4#1/0	1#6	2"	EXISTING FEEDER IN CD-1
15		400A	3	SPARE					
16		400A	3	SPARE					
17		400A	3	SPARE					
18		400A	3	SPARE					
19		250A	3	SPARE					
20		250A	3	SPARE					
21		250A	3	SPARE					
22		250A	3	SPARE					
23		400A	3	SPARE					
24		400A	3	SPARE					

CONNECTED kVA: 122 DEMAND kVA: 213 CONNECTED AMPS: 338 DEMAND AMPS: 592

NOTES:

1. PROVIDE MINIMUM AMPERES INTERRUPTING CAPACITY (AIC) AND BUS BRACING: 22,000 AMPERES.

2. CHARACTERISTICS:

 VOLTS:
 208
 HERTZ:
 60

PHASE: <u>3</u> MCB <u>800A</u> WIRE: 4

3. CONDUCTOR SIZES INDICATED ARE BASED ON FIELD OBSERVATIONS AND AN INTENT TO MATCH EXISTING, WHILE MAINTAINING CODE MINIMUMS. CONTRACTOR SHALL FIELD VERIFY AND SUBMIT EXISTING CONDUCTOR SIZES TO ENGINEER FOR FINAL APPROVAL.

4. PROVIDE WITH FULL HEIGHT BUSSING AND MINIMUM HEIGHT OF 86" TALL.



6	7	8	9	10	11

CONNECTED AMPS: 406 DEMAND AMPS: 657

CIRCUIT		BREAKERS			LO
NUMBER	TRIP	FRAME	POLES	EQUIPMENT SERVED	k
1	400A	400A	3	ATS-CD2	
2	600A	600A	3	ATS-ECDEP1	
3			3		
4			3		
5			3		
6			3		
7			3		
8			3		
9			3		
10			3		
11			3		
12			3		
13			3		
14			3		

NOTES: 1. PROVIDE MINIMUM AMPERES INTERRUPTING CAPACITY (AIC) AND BUS BRACING: 22,000 AMPERES. 2. CHARACTERISTICS:
 VOLTS:
 208
 HERTZ:
 60

PHASE: 3 MCB: 800A

WIRE: 4

DISTRIBUTION PANEL F BREAKERS CIRCUIT LOAD NUMBER TRIP FRAME POLES EQUIPMENT SERVED kVA 30A 100A 3 CONDENSATE PUMP 1 2 20A 100A 3 HOT WATER #2
 2
 20A
 100A
 2
 HOT WHILK#2

 3
 20A
 100A
 2
 LIQUITECH

 4
 20A
 100A
 3
 HOT WATER #1

 5
 50A
 100A
 3
 WORKBENCH 50A PLUG
 6 70A 100A 3 PACO CONDENSATE PUMP 400A 3 SPARE 7 3SPARE3SPARE 400A 8 250A 9 10 250A 3 SPARE 250A 3 SPARE 11 12 250A 3 SPARE 3 SPARE 100A 13 14 100A 3 SPARE CONNECTED AMPS: 22 CONNECTED kVA: 8 14 DEMAND kVA: DEMAND AMPS: 38

NOTES:

1. PROVIDE MINIMUM AMPERES INTERRUPTING CAPACITY (AIC) AND BUS BRACING: 22,000 AMPERES. 2. CHARACTERISTICS:

VOLTS: <u>208</u> HERTZ: <u>60</u> PHASE: <u>3</u> MCB: <u>400A</u>

WIRE: 4

3. CONDUCTOR SIZES INDICATED ARE BASED ON FIELD OBSERVATIONS AND AN INTENT TO MATCH EXISTING, WHILE MAINTAINING CODE MINIMUMS. CONTRACTOR SHALL FIELD VERIFY AND SUBMIT EXISTING CONDUCTOR SIZES TO ENGINEER FOR FINAL APPROVAL.



12	13	14	

15 16 17

NNECTED AMPS: 354 EMAND AMPS: 570

P1	SCHEDULE			
)]	DESCRIPTION	1	
	WIRE	GROUND	CONDUIT	REMARKS
1.3	4#10	1#10	0.75"	
1.3	4#12	1#12	0.75"	
1.3	3#12	1#12	0.75"	
1.3	4#12	1#12	0.75"	
1.3	4#6	1#10	1"	
1.3	4#4	1#8	1.25"	





no. date by ckd	description	
0 07/09/21 JMC RED 1 08/12/21 JMC RED	ISSUED FOR BID ADDENDUM #1	
		A
		в
		С
		E
		F
		G
		Н
		1
		J
	IS	
	ÖNNELL	
9400 WARI KANSAS CIT 816-33	D PARKWAY IY, MO 64114 33-9400	 K
LICENSEE date	NO. 000165 detailed	
designed	checked R DEBAUN	
		L
UNIVERSIT UNIVERSITY OF MISS COLUMBIA	SOURI HEALTH CARE	
CCA & TH E POWER MO	MERGENCY DIFICATIONS	
ELECTRICAL	SCHEDULES	
128966 drawing	CP210961 rev.	
-	▲	
E-601	sheets	



12	13	14	15	16	17
				GENERAL NOTES: 1. PULL BOX SHA ARTICLE 314.	LL MEET REQUIREMENTS OF NEC
				PULL BOX	
TOP OF PULL COVER (TYP) XCEED WEIGHT O RE ALLOWED, WIT TO OWNER FOR R	F 75LBS. H NO GAPS WHERE SE EVIEW PRIOR TO	ECTIONS INTERSECT.	PULL BOX COVER		
L BOX COVER SUP				2	



no.	date	by ck	d	descr	iption	
0	07/09/21 08/12/21	JMC RE JMC RE	D ISSL D ADD	JED FC DENDUI	R BID VI #1	
		BUR MGC	NS)ON	NEL	L	
	I	9400 WAF KANSAS C	RD PAR ITY, M(2 XKWAY 2 64114	1	
dat	te	816-3 LICENSE	333-940 E NO. 0)0)00165 ailed		
des	11/20 signed)/2020	- che	J. C cked	HASE	
	R. DE	BAUN		R. D	EBAUN	
U	NIVERS	UNIVERSI ITY OF MIS COLUMBI	TY HOS SSOUR A, MIS	SPITAL RI HEAL SOURI	TH CA	RE
	(P	CCA & TH	EMER		r S	
prc	oject	ELECTRI	JAL DE			
	400		con	tract		_
dra	awing		^{con}	CP2	10961 rev.	—
dra she	awing	⁸⁹⁶⁶ E-70	1 con		10961 rev. 1 sheets	