GEN	ERAL SYMBOLS	LIGHTI
X XXX FEE	EDER TAG - SEE FEEDER SCHEDULE	2x2 RECES
O COM	NDUIT TURNED UP	
•	NDUIT TURNED DOWN FIXTURE, SWITCH, DEVICE, ETC., TO REMAIN.	4' RECESSE
	FIXTURE, SWITCH, DEVICE, ETC., TO BE REMOVED	8' RECESSE
LOCATION.	FIXTURE, SWITCH, DEVICE, ETC., SHOWN AT NEW	
AND OUTLET BOX EX	FIXTURE, SWITCH, DEVICE, ETC., TO BE REMOVED (TENSION INSTALLED FOR SURFACE CONDUIT OR ENSION TO NEW OUTLET SHOWN. REINSTALL	2x4 SURFAC
RPC REMOVE PRESENT F	FIXTURE, SWITCH, DEVICE, ETC. IXTURE, SWITCH, DEVICE, ETC., AND CAP OUTLET.	
PLASTER IF IN PLAST	IXTURE, SWITCH, DEVICE, ETC., PATCH THE IER: CAP IF IN METAL OR WOOD. FIXTURE, SWITCH, DEVICE, ETC., TO BE REMOVED	O DOWNLIGH
AND RELOCATED WI RPX REMOVE PRESENT F	TH NEW FIXTURE AS SHOWN. IXTURE, SWITCH, DEVICE, ETC., WIRE AND ALL	
RELATED EXPOSED F SURFACES TO BE RE	RACEWAY INSOFAR AS IS POSSIBLE. ALL DAMAGED PAIRED.	
		LIGHTING F
		INDICATES FIXTURE ON EMER. CIRCUIT
		INDICATES PANEL NAME
WIF	RING SYMBOLS	
	CONCEALED CONDUIT AND WIRING	
	UNDER FLOOR OR UNDER GROUND CONDUIT AND WIRING	
	SURFACE CONDUIT AND WIRING	OS OS DUAL TEC CEILING/V
GND	GROUND CABLE	
B1-3	WIRING HOMERUN, INDICATES BRANCH CIRCUIT CONDUIT AND WIRE TO PANELBOARD	\$ SINGLE P
		<u>NOMENCLATURE - X=</u> : a,b,c DESIGNA
		3 THREE W 4 FOUR WA D DIMMER
MOUNTIN	G HEIGHT SCHEDULE	D DIMMER DT DUAL TEC E EMERGEI
6'-8" AFF OR 6" BELOW	- FIRE ALARM HORNS/STROBES	F FAN K KEY OPEI
FINISHED CEILING, WHICHEVER IS LOWER (BOTTOM OF LENS; MIN.)		LV-x LOW VOL NUMBER, REFER TO SC MC MOMENT/
REFERENCE LIGHTING		M MANUAL MS 20A MOTO
FIXTURE SCHEDULE FOR MOUNTING REQUIREMENTS	LIGHT FIXTURES	P PASSIVE T TIME W WET LOC
6'-6"	- (TOP OF PANELBOARDS,	OS OCCUPAN OS2 OCCUPAN
	CABINETS	[PP] POWER P
6'-0"		SBD SWITCH E
	SWITCHES, STARTERS, AND CONTACTORS	
		С РНОТО С
4'-0"		
	LIGHT SWITCHES, FIRE ALARM PULL STATIONS, MANUAL MOTOR	
	STARTERS OR PUSH BUTTON	
CTR		
CTR		
CTR 3'-6"	COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH WALL MOUNTED	
	COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH	
	COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS ELECTRICAL RECEPTACLES IN	SEC SECURITY EKS ELECTRO
3'-6"	COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS	SEC SECURIT EKS ELECTRO DC DOOR CO
3'-6"	<ul> <li>COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH</li> <li>WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS</li> <li>ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS &amp; ELEVATOR MACHINE ROOMS</li> <li>ELECTRICAL RECEPTACLES</li> </ul>	SEC SECURIT EKS ELECTRO DC DOOR CO EL ELECTRO REX REQUEST
3'-6" 2'-0"	COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS & ELEVATOR MACHINE ROOMS	SEC SECURIT EKS ELECTRO DC DOOR CC EL ELECTRO REX REQUEST PB PANIC BU
3'-6" 2'-0"	<ul> <li>COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH</li> <li>WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS</li> <li>ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS &amp; ELEVATOR MACHINE ROOMS</li> <li>ELECTRICAL RECEPTACLES (U.N.O.) COMMUNICATIONS/DATA</li> </ul>	EKS ELECTRO DC DOOR CO EL ELECTRO REX REQUEST PB PANIC BU VIDEO CA
3'-6" 2'-0"	<ul> <li>COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH</li> <li>WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS</li> <li>ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS &amp; ELEVATOR MACHINE ROOMS</li> <li>ELECTRICAL RECEPTACLES (U.N.O.) COMMUNICATIONS/DATA</li> </ul>	SEC       SECURITY         EKS       ELECTRO         DC       DOOR CO         EL       ELECTRO         EL       ELECTRO         REX       REQUEST         PB       PANIC BU         VIDEO CA         FW       VIDEO CA         FW       FIX
3'-6" 2'-0" 1'-6"	<ul> <li>COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH</li> <li>WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS</li> <li>ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS &amp; ELEVATOR MACHINE ROOMS</li> <li>ELECTRICAL RECEPTACLES (U.N.O.) COMMUNICATIONS/DATA OUTLETS (U.N.O.)</li> </ul>	SEC SECURITY EKS ELECTRO DC DOOR CO EL ELECTRO REX REQUEST PB PANIC BU VIDEO CA FW VIDEO CA NOMENCLATURE FW FID FC FID PTZ-C PA
3'-6" 2'-0" 1'-6"	<ul> <li>COUNTER TOP RECEPTACLE MOUNT CENTER OF RECEPTACLE 6" ABOVE COUNTER TOP OR BACKSPLASH</li> <li>WALL MOUNTED HANDICAPPED TELEPHONE OUTLETS</li> <li>ELECTRICAL RECEPTACLES IN MECHANICAL/ELECTRICAL ROOMS &amp; ELEVATOR MACHINE ROOMS</li> <li>ELECTRICAL RECEPTACLES (U.N.O.) COMMUNICATIONS/DATA OUTLETS (U.N.O.)</li> </ul>	SEC SECURITY EKS ELECTRO DC DOOR CO EL ELECTRO REX REQUEST PB PANIC BU VIDEO CA FW VIDEO CA NOMENCLATURE FW FIZ FC FIZ

GHTING SYMBOLS				POWER SYMBOLS		COM	MUNICATION SYM
x2 RECESSED FIXTURE	WALL	FLR	CLG				TA OUTLET. PROVIDE 4" SC
x4 RECESSED FIXTURE	Ø	Ø	0	DUPLEX RECEPTACLE		TO ABOVE	ANG DEVICE BRACKET AN E NEAREST ACCESSIBLE C
RECESSED FIXTURE	Ö	O	0	EMERGENCY DUPLEX RECEPTACLE		STRING.	EYSTONES, COVERPLATE (CAT6 CABLE AND NETWO) NECTION IS BY OTHERS.)
		Ð	₽	QUAD RECEPTACLE		INTERCO	incertoin is brothers.)
	♣		•	EMERGENCY QUAD RECEPTACLE		LEGRAND	OUNTED VOICE/DATA OUTI RFB9 A/V FLOOR BOX ANI
	φ			SIMPLEX RECEPTACLE		(3) DATA K	E NEAREST ACCESSIBLE C EYSTONES, COVERPLATE
x4 SURFACE MOUNTED FIXTURE							(CAT6 CABLE AND NETWO INECTION IS BY OTHERS.)
TRIP FIXTURE.				SPLIT WIRED RECEPTACLE	AP		SS ACCESS POINT - PROVI
OWNLIGHT FIXTURE	φ			SPECIAL RECEPTACLE NEMA TYPE AS SHOW	WN C	LEVITON	TAND PLENUM RATED SUF 41089-2XP WITH 49223-CB
ALL MOUNTED FIXTURE	<b>P</b>			SPECIAL RECEPTACLE NEMA TYPE AS SHOW	WN		ED EQUAL). (AP AND NET) INNECTION BY OTHERS.)
HTING FIXTURE KEY	Q		J	JUNCTION BOX	TV	TV OR S	HORT THROW PROJECTO
/ INDICATES FIXTURE TYPE SEE			CLATURE:	COUNTER		(1) DUPL	N. PROVIDE (2) 2-GANG B EX RECEPTACLE AND (1) C
SCHEDULE FOR DESCRIPTION			+48 CR	MOUNTED 48" A.F.F.		CABLE A	NE AT 84" HEIGHT AND 18" ND NETWORK INTERCONN
Xa INDICATES SWITCH CONTROL (a) XX-XX			GF IG	GROUND FAULT INTERRUPTER ISOLATED GROUND		OTHERS	).
			TR WP				
SINGLE EXIT SIGN CEILING/WALL MOUNT		# N	IUMERICA	L NUMBER INDICATES THE NUMBER OF DEVICES		FIF	RE ALARM SYMBC
FACE DIRECTION AS SHOWN BY ARROWS.							
DOUBLE EXIT SIGN CEILING/WALL MOUNT FACE DIRECTION AS SHOWN BY ARROWS.	INC	DICATES F	PANEL NAI	OWER DEVICE KEY MEINDICATES CIRCUIT		ST	FIRE ALARM STROBE DEVIC
DUAL TECHNOLOGY OCCUPANCY SENSOR	DE		MBOL —			A SS A	FIRE ALARM SPEAKER/STR
CEILING/WALL MOUNTED				SURFACE RACEWAY WITH 20 AMP			
PASSIVE INFRARED OCCUPANCY SENSOR CEILING/WALL MOUNTED			J	DUPLEX OUTLETS		ES	FIRE ALARM HORN/STROBE
SINGLE POLE SWITCH				120/208V ELECTRIC PANEL			FIRE ALARM HORN
<u>=</u> : DESIGNATES LIGHT FIXTURE CONTROLLED		$\leq$		EXISTING PANEL		E <del>■</del> F	
THREE WAY FOUR WAY				277/480V ELECTRIC PANEL		SD.	FIREMAN'S TELEPHONE JA
DIMMER DUAL TECHNOLOGY OCCUPANCY SENSOR				POWER CENTER PANEL		Ē	HEAT DETECTOR
EMERGENCY FAN		M)⁄		MOTOR CONNECTION, SINGLE PHASE		$\bigcirc$	CARBON MONOXIDE DETEC
KEY OPERATED LOW VOLTAGE (x DENOTES SWITCH	(	M)		MOTOR CONNECTION, THREE PHASE		NAC	NOTIFICATION APPLIANCE
ER TO SCHEDULE) MOMENTARY CONTACT		Г	DIS	CONNECT SWITCH KEY		CM	FIRE ALARM CONTROL MOI
MANUAL MOTOR STARTER 20A MOTOR SWITCH PASSIVE INFRARED OCCUPANCY SENSOR			SIZE-	NO. OF POLES		DD	FIRE ALARM DUCT SMOKE
TIME WET LOCATION			ſ			DH	FIRE ALARM DOOR HOLD O
OCCUPANCY SENSOR OCCUPANCY SENSOR WITH 2 SWITCHES		L		FUSED # OR NF		FAA	FIRE ALARM ANNUNCIATOR
	Ц Ц			UNFUSED DISCONNECT SWITCH		FACC	FIRE ALARM COMMAND CE
POWER PACK		$\square$		FUSED DISCONNECT SWITCH (NEMA 3R WHEN OUTSIDE)		FATC	FIRE ALARM TERMINAL CAE
SWITCH BYPASS DEVICE				COMBINATION MOTOR STARTER FURNISHED BY MC INSTALLED BY EC		FTS	FIRE FIGHTERS TELEPHON
PHOTO CELL				MOTOR STARTER FURNISHED BY MC INSTALLED BY EC		FS	FLOW SWITCH WITH FIRE A MONITORING MODULE
						TS	TAMPER SWITCH WITH FIRE
		CP		EQUIPMENT CONTROL PANEL FINAL CONNECTION BY EC		FSD	MONITORING MODULE
	V	′FD		VARIABLE FREQUENCY DRIVE		SAP	SPRINKLER ALARM PANEL
	[[	CB		CIRCUIT BREAKER		A	TWO WAY ELEVATOR CALL
		$\sum$		GROUNDING ROD		$A_{M}$	TWO WAY ELEVATOR COMM MASTER STATION. LOCATE
	<b>ا</b> سلى	-	_				MAGTER GTATION. LOCATE
SECURITY ACCESS CONTROL PANEL	-   m		Тхх	TRANSFORMER-SEE SCHEDULE			S / CONTROL SYN
ELECTRONIC KEY SWITCH	(	R		CORD REEL			DOOR RELEASE BUTTON
DOOR CONTACT ELECTRONIC LOCK DEVICE	G	A		GENERATOR REMOTE ANNUNCIATOR		CR	CARD READER
REQUEST TO EXIT						(TP) EML	TOUCH PAD ELECTROMAGNETIC LOCK
PANIC BUTTON						DH	DOOR HOLDER DOOR CHIME
VIDEO CAMERA IN DOME						B B	DOOR BELL PUSHBUTTON DOOR BELL
VIDEO CAMERA NCLATURE:						B	BELL
FW       FIXED WALL MOUNTED VIDEO CAMERA         FC       FIXED CEILING MOUNTED						B	BUZZER
PTZ-C PAN, TILT, ZOOM CEILING MTD PTZ-W PAN, TILT, ZOOM WALL MTD							

## CATION SYMBOLS

ET. PROVIDE 4" SQUARE BOX WITH VICE BRACKET AND 1" EMT CONDUIT ST ACCESSIBLE CEILING - PROVIDE IES, COVERPLATE AND PULL ABLE AND NETWORK ON IS BY OTHERS.)

VOICE/DATA OUTLET. PROVIDE V FLOOR BOX AND 1" EMT CONDUIT ST ACCESSIBLE CEILING - PROVIDE VES, COVERPLATE AND PULL ABLE AND NETWORK N IS BY OTHERS.)

SS POINT - PROVIDE IN-CEILING ENUM RATED SURFACE BOX. XP WITH 49223-CBC BRACKET. (OR AL). (AP AND NETWORK ON BY OTHERS.)

HROW PROJECTOR INSTALLATION /IDE (2) 2-GANG BOXES EACH WITH EPTACLE AND (1) CAT6 DATA HEIGHT AND 18" HEIGHT. (CAT6 VORK INTERCONNECTION IS BY

### ARM SYMBOLS

LARM STROBE DEVICE

LARM SPEAKER/STROBE DEVICE

LARM HORN/STROBE DEVICE

LARM MANUAL PULL STATION

MAN'S TELEPHONE JACK

SON MONOXIDE DETECTOR

FICATION APPLIANCE CIRCUIT

LARM CONTROL MODULE

ALARM DUCT SMOKE DETECTOR

ALARM DOOR HOLD OPEN

LARM ANNUNCIATOR

LARM COMMAND CENTER LARM CONTROL PANEL

ALARM TERMINAL CABINET

FIGHTERS TELEPHONE SYSTEM / SWITCH WITH FIRE ALARM

FORING MODULE ER SWITCH WITH FIRE ALARM

FORING MODULE ALARM SMOKE DAMPER

WAY ELEVATOR CALL STATION W/SIGNAGE.

WAY ELEVATOR COMMUNICATION ER STATION. LOCATE AS DIRECTED BY AHJ.

## NTROL SYMBOLS

OOR RELEASE BUTTON RD READER UCH PAD CTROMAGNETIC LOCK OR HOLDER OOR CHIME OOR BELL PUSHBUTTON

### **GENERAL NOTES**

- PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD, NATIONAL 1. ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), LOCAL INSPECTION REQUIREMENTS, WAKE ELECTRIC (LOCAL UTILITY) REGULATIONS, AND EQUIPMENT MANUFACTURER REQUIREMENTS.
- EQUIPMENT SHALL BE LISTED BY A THIRD PARTY AGENCY ACCREDITED BY THE NCBCC TO LABEL ELECTRICAL AND MECHANICAL EQUIPMENT.
- PROVIDE PROVISIONS TO LOCK EACH CIRCUIT BREAKER. PROVISIONS SHALL REMAIN IN PLACE WITH OR WITHOUT THE LOCK INSTALLED.
- ROUTE RACEWAYS TO SUIT EQUIPMENT AND BUILDING STRUCTURE. LIMIT THE USE OF EMT TO AREAS WHERE IT WILL NOT BE SUBJECT TO PHYSICAL DAMAGE OR CORROSION. USE IMC, PVC, OR RMC FOR WORK EMBEDDED IN CONCRETE. USE IMC OR RMC FOR WORK EXPOSED TO PHYSICAL DAMAGE. USE MINIMUM 3/4 INCH CONDUIT EXCEPT AS FOLLOWS: 1/2" CONDUIT MAY BE USED FOR CONTROL CIRCUITS; 3/8" FLEXIBLE METAL CONDUIT MAY BE USED TO CONNECT LIGHT FIXTURES IN SUSPENDED CEILINGS. USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR FLEXIBLE CONNECTIONS TO EQUIPMENT IN MECHANICAL ROOMS OR OUTDOORS.
- NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANELBOARD, ON THE -5 PANELBOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH).
- ENERGIZATION OF NEW SYSTEMS AND NECESSARY POWER OUTAGES REQUIRE 6. AUTHORIZATION OF FACILITY PROJECT MANAGEMENT. THIS MAY INVOLVE NIGHT SHIFT WORK OR SPECIFIC TIME FRAMES OF LIMITED DURATION TO MINIMIZE OCCUPANT DISRUPTION.
- RACEWAY PENETRATIONS THROUGH WALLS AND/OR FLOORS SHALL BE SEALED APPROPRIATELY WITH AN APPROVED SEALANT. IF THE PENETRATION IS THROUGH A FIRE-RATED ASSEMBLY, IT SHALL BE A LISTED FIRE SEAL INSTALLED IN COMPLIANCE WITH THE UL DETAIL (UL 1479).
- INTERNAL RACEWAY SEALS FOR WATER, TEMPERATURE, SHALL BE IDENTIFIED FOR USE WITH THE CONDUCTOR OR CABLE INSULATION.
- 9. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- 10. ALL BRANCH CIRCUIT WIRING, RACEWAY, AND FEEDERS SHALL BE INSTALLED CONCEALED BEHIND BUILDING FINISHES UNLESS OTHERWISE NOTED.
- 11. PROVIDE ALL NECESSARY ANGLES, CHANNELS, SLOTTED CHANNEL, AND SUPPORTS, AS REQUIRED TO ADEQUATELY SUPPORT ELECTRICAL RACEWAYS AND ASSOCIATED EQUIPMENT IN A MANNER THAT DOES NOT OVERLOAD THE BUILDING STRUCTURAL SYSTEM.
- 12. THE NEC SIZE REQUIREMENTS FOR PULL BOXES, JUNCTION BOXES, AND CONDUIT BODIES ARE AS FOLLOWS: 12.1. USE 314.16 FOR CONDUCTORS 6 AWG AND SMALLER.
- 12.2. USE 314.28 FOR CONDUCTORS 4 AWG AND LARGER. 13. ALL PRODUCTS MUST MEET BABAA REQUIREMENTS. CONTRACTOR SHALL INCLUDE MANUFACTURER'S CERTIFICATION FOR BABAA REQUIREMENTS WITH ALL APPLICABLE SUBMITTALS. IF A SPECIFIC MANUFACTURE IS USED IN THE BIDDING, A STATEMENT THAT MANUFACTURER WILL COMPLY WITH BABAA MUST BE INCLUDED WITH THE BID SUBMISSION. CONTRACTOR SHALL COMPLY WITH BABAA

REQUIREMENTS, INCLUDING COORDINATION WITH MANUFACTURERS, DISTRIBUTORS, AND SUPPLIERS TO CORRECT DEFICIENCIES IN ANY BABAA DOCUMENTATION.

ENGINEER/ARCHITECT APPROVAL OF SHOP DRAWINGS OR SAMPLES SHALL INCLUDE REVIEW OF BABAA DOCUMENTATION.

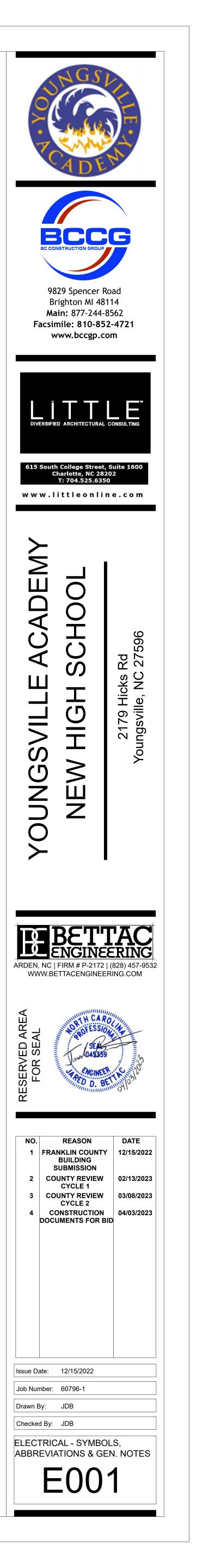
CONTRACTOR SHALL CERTIFY UPON COMPLETION THAT ALL WORK AND MATERIALS HAVE COMPLIED WITH BABAA REQUIREMENTS.

FOR ANY CHANGE ORDERS, CONTRACTOR SHALL PROVIDE BABAA DOCUMENTATION FOR ANY NEW PRODUCTS OR MATERIALS REQUIRED BY THE CHANGE.

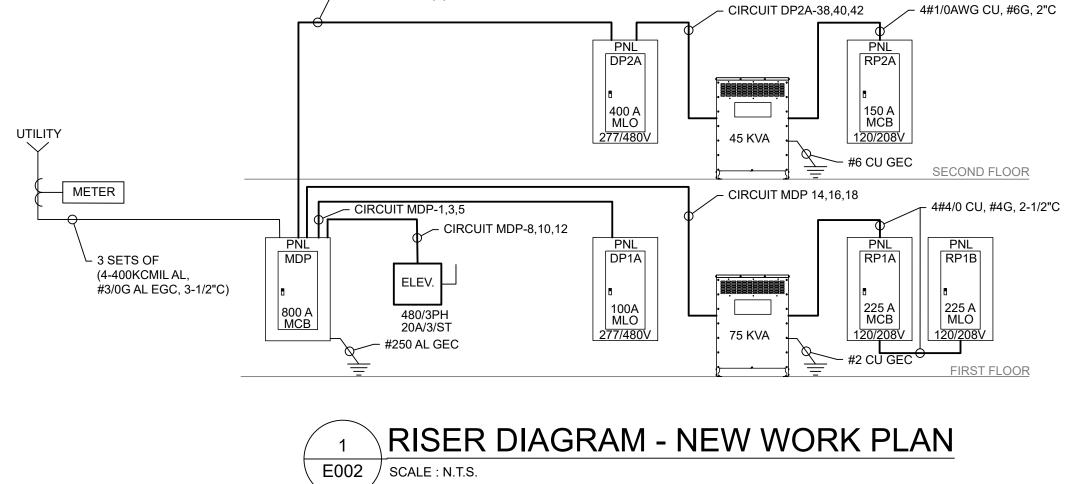
INSTALLATION OF MATERIALS OR PRODUCTS THAT ARE NOT COMPLIANT WITH BABAA REQUIREMENTS SHALL BE CONSIDERED DEFECTIVE WORK. CONTRACTOR SHOULD ENSURE THAT ENGINEER/ARCHITECT HAS AN APPROVED MANUFACTURER'S CERTIFICATION OR WAIVER PRIOR TO ITEMS BEING DELIVERED TO THE PROJECT SITE.

### ABBREVIATIONS

ABBREV.	DEFINITION
A AFF AFG AWG	AMPS ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMERICAN WIRE GAUGE
С	CONDUIT
EGC	EQUIPMENT GROUNDING CONDUCTOR
FLA	FULL LOAD AMPS
GEC GFCI	GROUNDING ELECTRODE CONDUCTOR GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
KVA KW	KILOVOLT AMPS KILOWATT
MCB MLO	MAIN CIRCUIT BREAKER MAIN LUGS ONLY
NEC	NATIONAL ELECTRIC CODE
P	POLE PHASE POLYVINYL CHLORIDE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTAGE
WP	WEATHERPROOF



	SERVED FROM ENCLOSURE RATING MOUNTING				2000.00 V 2000 V	M.C.B. 800			VOLTAG VOLTAG		277 3			MIUM TING:	42,000	CONNE	ECTED LOAD:		KVA AMPERES	
CIR. NO.	DESCRIPTION	RACEWA Y	EQUIPMENT GROUND WIRE	COPPER WIRE 75C TERMINALS	BREAKER TYPE	OVERCURRENT PROTECTION SIZE		-	PH A	ogo nes a constantes Secondados	ADS (kV B		с	POLE	OVERCURRENT PROTECTION SIZE	BREAKER TYPE	COPPER WIRE 75C TERMINALS	EQUIPMEN T GROUND WIRE	RACEWA Y	ſ
1	PANEL DP1A	1-1/4"	8	3	STANDARD	100	3	11.51	100.58					3	400	STANDARD	600 kcmil	3	4"	
3	SEE ABOVE	(#))			STANDARD	×	~			12.08	102.29					STANDARD				
5	SEE ABOVE	-	-		STANDARD	-				2		9.58	98.49		2	STANDARD	•	8	•	
7	FUTURE TRACK CKT.	1-1/4"	8	3	STANDARD	100	3	14.00	4.43					3	20	STANDARD	12	12	3/4"	
9	SEE ABOVE	199			STANDARD		<u>84</u>			14.00	4.43			1	2	STANDARD	1			
11	SEE ABOVE	181		-	STANDARD		÷					14.00	4.43			STANDARD	(m)			
13	SPACE	100	12	12	STANDARD	6	3	0.00	20.28					3	110	STANDARD	2	6	1-1/2"	75KV
15	SPACE	(*)			STANDARD					0.00	20.74					STANDARD			-	-
17	SPACE	7277	32	2	STANDARD	12	- 12					0.00	16.26			STANDARD	121	20	121	



NOTES:

CIRCUIT MDP-2,4,6

1. SOLID LINES INDICATE NEW WORK.

2. DASHED LINES INDICATE EQUIPMENT AND CONNECTIONS THAT ARE EXISTING TO REMAIN.

3. ELEVATOR DISCONNECT CIRCUIT SHALL INCLUDE AN INTEGRAL SHUNT TRIP PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL COORDINATE ELEVATOR ELECTRICAL INSTALLATION REQUIREMENTS WITH AWARDED ELEVATOR CONTRACTOR SHOP DRAWINGS.

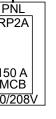
DESCRIPTION	CIR.
DESCRIPTION	NO.
PANEL DP2A	2
SEE ABOVE	4
SEE ABOVE	6
ELEVATOR	8
SEE ABOVE	10
SEE ABOVE	12
5KVA XFMR (THIS RM)	14
SEE ABOVE	16
SEE ABOVE	18

DESCRIPTION         NN         GROUND         WIRE 75         TYPE         PROTECTION         PROTECTION <t< th=""><th></th><th>SERVED FROM:</th><th>MDP</th><th></th><th></th><th>TYPE:</th><th>M.L.O.</th><th></th><th></th><th>VOLTA</th><th>GE (L-L):</th><th>480</th><th></th><th>MINI</th><th>мим</th><th></th><th>CONNE</th><th>CTED LOAD:</th><th>33.02</th><th>KVA</th><th></th><th></th></t<>		SERVED FROM:	MDP			TYPE:	M.L.O.			VOLTA	GE (L-L):	480		MINI	мим		CONNE	CTED LOAD:	33.02	KVA		
bescription       New bit weight		ENCLOSURE RATING:	NEMA 1			RATING:	100			VOLTAG	iE (L-N):	277		AIC RA	TING:	42,000			40	AMPERES		
Image: heap base base base base base base base base		MOUNTING:	SURFACE								PHASE:	3										
Here         Here <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>WIRE:</th><th>4</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>											WIRE:	4										
NO.         V         WIRE         FEMINAL         OPP         Size         OP         Size         OPP         FEMINAL         FEMINAL         OPP         FEMINAL         FEMINAL         FEMINAL         FEMINAL         FE	CIR.		RACEWA	- 2017년 2012년 전철 1923년 4월 2	: · · · · · · · · · · · · · · · · ·	BREAKER				PI	HASE LO	ADS (kv	A)		1000 Color 100 Color 100 Color		BREAKER	1	- 1210년 1220년 1 1921년 1921년 1921	RACEWA		CIR.
A       A	NO.	DESCRIPTION	Y			TYPE	1	POLE		Ą		В		с	POLE		ТҮРЕ			Y	DESCRIPTION	NO.
Image: Second	1	LIGHTING FL 1 CKT #1	3/4"	12	12	STANDARD	20	1	2.10	6.00				Î.	3	30	STANDARD	10	10	1"	EWH-1	2
Image: A stand of the stan	3	LIGHTING FL 1 CKT #2	3/4"	12	12	STANDARD	20	1			1.98	6.00				-	STANDARD	( <b>#</b> )	-		SEE ABOVE	4
9       LIGHTING GYM (A14)       3/4"       12       12       STANDARD       20       1       6       4.10       0.00       6       1       20       STANDARD       6       6       5       6 <th< td=""><td>5</td><td>LIGHTING FL 1 CKT #3</td><td>3/4"</td><td>12</td><td>12</td><td>STANDARD</td><td>20</td><td>1</td><td></td><td>í.</td><td>2</td><td></td><td>2.47</td><td>6.00</td><td>-</td><td>8</td><td>STANDARD</td><td>(E)</td><td></td><td>•</td><td>SEE ABOVE</td><td>6</td></th<>	5	LIGHTING FL 1 CKT #3	3/4"	12	12	STANDARD	20	1		í.	2		2.47	6.00	-	8	STANDARD	(E)		•	SEE ABOVE	6
11       LIGHTING EXTERIOR       3/4"       12       12       STANDARD       20       1       IC	7	LIGHTING GYM AUX. ROOMS	3/4"	12	12	STANDARD	20	1	2.91	0.00	Į.				1	20	STANDARD				SPARE	8
13       (FUTURE) LIGHTED SIGN       3/4"       12       12       STANDARD       20       1       0.50       0         1       20       1       20       STANDARD       1       0.50       0        1       20       1       20       STANDARD	9	LIGHTING GYM (A141)	3/4"	12	12	STANDARD	20	1			4.10	0.00		li i	1	20	STANDARD				SPARE	10
15         SPARE         I         STANDARD         20         1         I         0.00         0.00         1         1         20         STANDARD         I         SPARE	11	LIGHTING EXTERIOR	3/4"	12	12	STANDARD	20	1					0.96	0.00	1	20	STANDARD				SPARE	12
	13	(FUTURE) LIGHTED SIGN	3/4"	12	12	STANDARD	20	1	0.50	0					1	20	STANDARD	-			SPARE	14
	15	SPARE				STANDARD	20	1			0.00	0.00			1	20	STANDARD	v.			SPARE	16
17         SPARE         STANDARD         20         1         0.00         0.00         1         20         STANDARD         SPARE	17	SPARE				STANDARD	20	1					0.00	0.00	1	20	STANDARD				SPARE	18

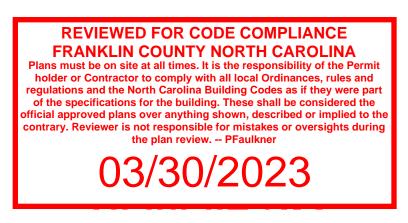
	PANELBOARD:	DP2A																			
	SERVED FROM	: MDP			TYPE:	M.L.O.			VOLTAG	GE (L-L):	480		MINI	мим	A	CONNE	CTED LOAD:	301.81	KVA		
	ENCLOSURE RATING	: NEMA 1			RATING:	400			VOLTAG	iE (L-N):	277		AIC RA	TING:	42,000			363	AMPERES	8	
	MOUNTING	: SURFACE								PHASE:	3										
										WIRE:	4										
CIR. NO.	DESCRIPTION	RACEWA Y	EQUIPMENT GROUND	COPPER WIRE 75C	BREAKER TYPE	OVERCURRENT PROTECTION			227-22 12	HASE LO			2	POLE		BREAKER TYPE	COPPER WIRE 75C	EQUIPMEN T GROUND	RACEWA Y	DESCRIPTION	CIR. NO.
1	RTU-1-1	3/4"	WIRE 12	TERMINALS	STANDARD	<b>SIZE</b> 20	3	5.54	8.31		>		-	3	<b>SIZE</b> 30	STANDARD	10	10 WIRE	1"	RTU-2-1	2
3	SEE ABOVE		12	12	STANDARD	- 20	2	5.54	0.51	5.54	8.31	-		-		STANDARD	10	10	Ţ	SEE ABOVE	4
5	SEE ABOVE	-			STANDARD			-	2	5.54	0.51	5.54	8.31		-	STANDARD	-			SEE ABOVE	6
7	RTU-1-2	3/4"	10	10	STANDARD	25	3	6.93	8.31		-	5.54	0.51	3	30	STANDARD	10	10	1"	RTU-2-2	8
9	SEE ABOVE	5/4	- 10	- 10	STANDARD	- 25	୍	0.95	0.51	6.93	8.31	2	5	-	- 50	STANDARD	10	10	-	SEE ABOVE	10
Constant of the							-		-	0.95	0.51	6.02	0.21	-				-		March Control (1997)	10
11	SEE ABOVE	2/48	- 12	-	STANDARD	-	-	5.54	0.21		-	6.93	8.31	-	-	STANDARD	- 10	-		SEE ABOVE	
13	RTU-1-3	3/4"	12	12	STANDARD	20	3	5.54	8.31		0.04	-		3	30	STANDARD	10	10	1"	RTU-2-3	14
15	SEE ABOVE				STANDARD					5.54	8.31		0.04			STANDARD			•	SEE ABOVE	16
17	SEE ABOVE		-	-	STANDARD	-	~	0.04				5.54	8.31	-	7	STANDARD		-	-	SEE ABOVE	18
19	RTU-1-4	1"	10	10	STANDARD	30	3	8.31	8.31			-		3	30	STANDARD	10	10	1"	RTU-2-4	20
21	SEE ABOVE	120	-	-	STANDARD	-				8.31	8.31			12	2	STANDARD	2 <b>2</b> 11	-	-	SEE ABOVE	22
23	SEE ABOVE				STANDARD		85				-	8.31	8.31			STANDARD				SEE ABOVE	24
25	RTU-1-5	1"	10	10	STANDARD	30	3	8.31	1.61			-		1	20	STANDARD	12	12	3/4"	LIGHTING FL2 CKT#1	26
27	SEE ABOVE	. ex .			STANDARD		10		-	8.32	2.90			1	20	STANDARD	12	12	3/4"	LIGHTING FL2 CKT#2	28
29	SEE ABOVE	-	-	-	STANDARD	-		and the second second	and the second	7		8.31	1.98	1901	20	STANDARD	12	12	3/4"	LIGHTING FL2 CKT#3	30
31	RTU-1-6	1-1/4"	8	4	STANDARD	70	3	19.40	0.00					3	30	STANDARD	3			SPARE	32
33	SEE ABOVE	~	-	-	STANDARD	14	-			19.40	0.00			-	-	STANDARD				SPARE	34
35	SEE ABOVE	153	. đ		STANDARD	10	25 20					19.40	0.00	. <i>1</i> 7		STANDARD				SPARE	36
37	MS-1	3/4"	10	10	STANDARD	25	2	2.60	9.10			-		3	70	STANDARD	4	8	1-1/4"	45KVA XFMR (THIS ROOM)	38
39	SEE ABOVE	153	. a .		STANDARD	. I.T.	10			2.60	9.51			<u>,</u> 5		STANDARD	570			SEE ABOVE	40
41	SPARE				STANDARD	20	1					0.00	9.69	12	-	STANDARD	(14)	-	( <b>a</b> );	SEE ABOVE	42
NOTES:								CON	INECTED	LOAD P	HASE T	OTALS (	(VA)								
								A =	100.58	B=	102.29	C=	98.94								I



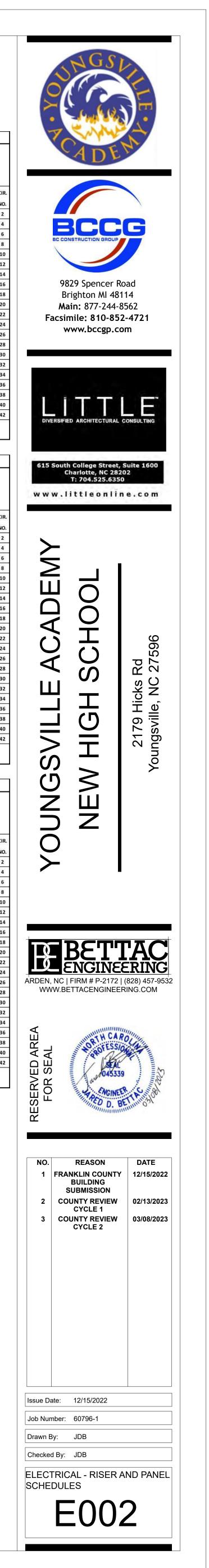
# PANEL SCHEDULES

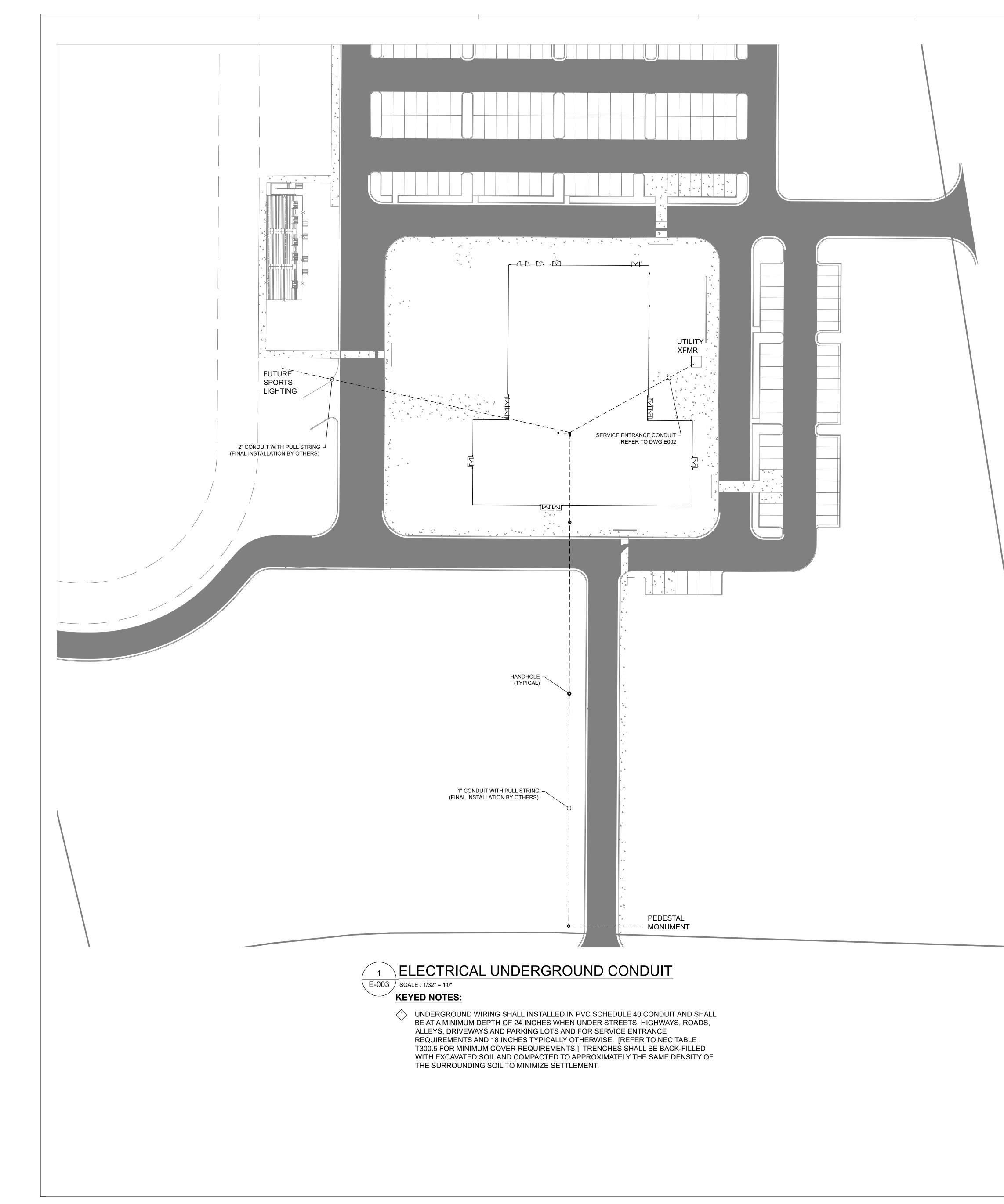


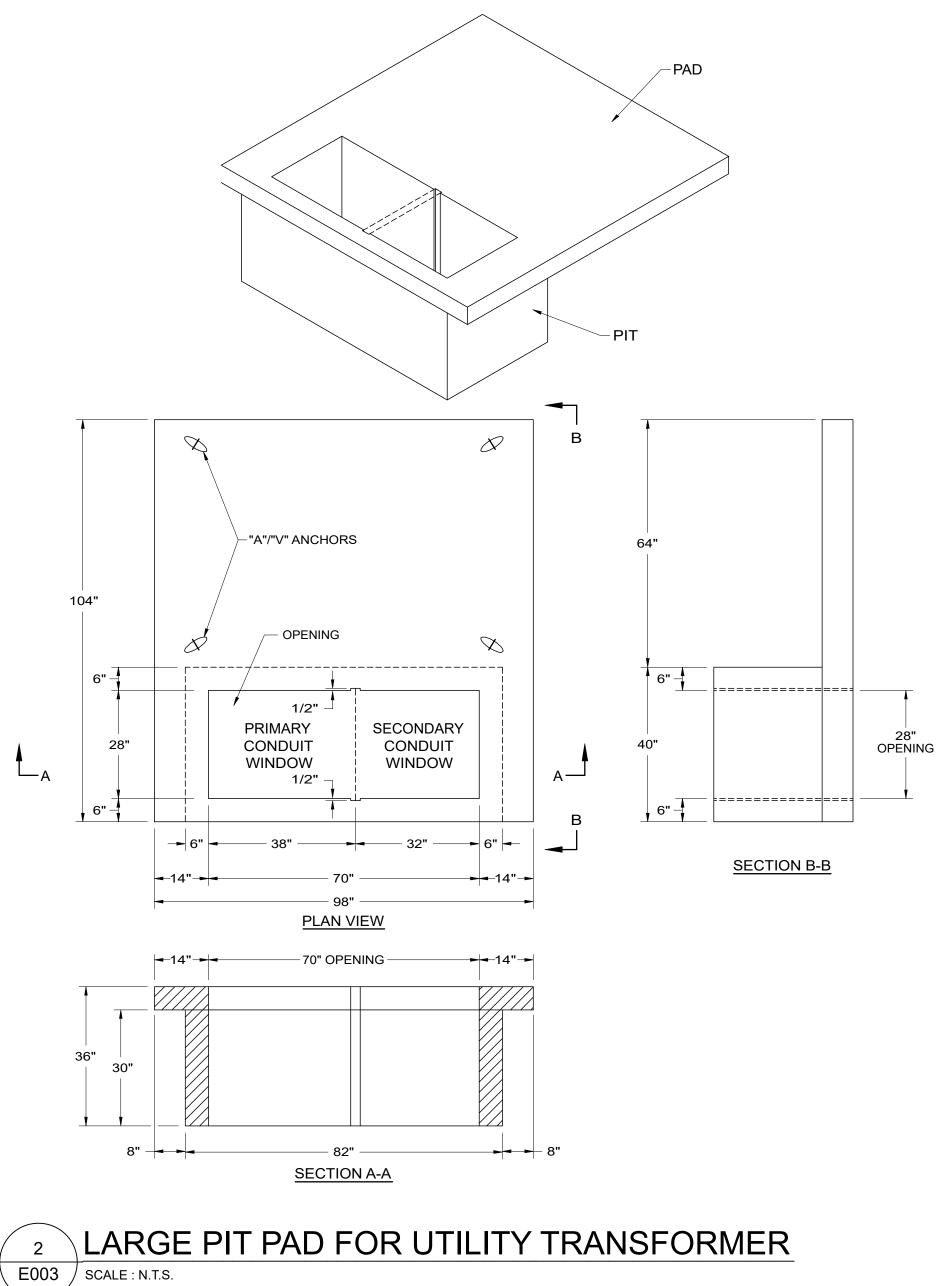
		-	PANELBOARD:	SUMMER SUMEON			201831841						550.940 ×		Saboon	and the second					10000000		
								M.C.B. W/FEE	D THE			Menter and a state						CONNE	CTED LOAD:	31.20			
			ENCLOSURE RATING		È		RATING:	225			VOLTAG	E (L-N)			AIC RA	ING:	10,000			87	AMPERES		
			MOONTING.	CONTACT	-							WIRE											
CRIPTION	CIR.	CIR.	DESCRIPTION	RACEWA	EQUIPMENT	COPPER WIRE 75C	BREAKER	OVERCURRENT			Pł	HASE LC	ADS (kV	A)			OVERCURRENT	BREAKER	COPPER WIRE 75C	EQUIPMEN T GROUND	RACEWA	DESCRIPTION	CIR
SCRIPTION	NO.	NO.	DESCRIPTION	Y	WIRE	TERMINALS	TYPE	SIZE	POLE	100	Ą		В		ç	POLE	SIZE	ТҮРЕ	TERMINALS	WIRE	Y	DESCRIPTION	NO
EWH-1	2	1	A107 RECEPTS	3/4"	12	12	STANDARD	20	1	1.08	1.00			-		1	20	STANDARD	12	12	3/4"	IT QUAD A113#3	2
E ABOVE	4	3	A106/A102 RECEPTS A102 COPIER (DED)	3/4" 3/4"	12	12 12	STANDARD	20	1			1.62	0.18	1.00	0.18	1	20	STANDARD	12 12	12 12	3/4" 3/4"	ELEV RECEPT #1 ELEV RECEPT #2	4
SPARE	6 8	7	A101/A102/A103 RECEPTS	3/4"	12	12	STANDARD	20	1	0.90	0.72			1.00	0.18	1	20	STANDARD	12	12	3/4	A111/A101 RECEPTS #1	8
SPARE	10	9	A108/A105 RECEPTS	3/4"	12	12	STANDARD	20	1	0.50	0.72	1.62	0.36			1	20	STANDARD	12	12	3/4"	A111/A101 RECEPTS #2	10
SPARE	12	11	A102/A104 RECEPTS	3/4"	12	12	STANDARD	20	1					1.26	0.90	1	20	STANDARD	12	12	3/4"	A101 CORR	12
SPARE	14	13	A125/ENTR. RECEPTS	3/4"	12	12	STANDARD	20	1	1.26	1.00					1	20	STANDARD	12	12	3/4"	A111 COPIER (DED)	14
SPARE	16	15	A124 TEACH WALL RECEPTS	3/4"	12	12	STANDARD	20	1	-		0.90	0.90			1	20	STANDARD	12	12	3/4"	A110 TEACH WALL RECEPTS	16
SPARE	18	17	A123/A124 RECEPTS	3/4"	12	12	STANDARD	20	1	1.00	0.50		-	1.62	1.08	1	20	STANDARD	12	12	3/4"	A110 RECEPTS	18
		19 21	A121 TEACH WALL RECEPTS A121/A122 RECEPTS	3/4" 3/4"	12	12	STANDARD	20	1	1.08	0.50	1.26	0.54		-	1	20	STANDARD	12 12	12	3/4" 3/4"	FIRE ALARM CKT A126 RECEPTS	20
		23	CORR A101/EXT RECEPTS	3/4"	12	12	STANDARD	20	1			1.20	0.54	1.26	0.18	1	20	STANDARD	12	12	3/4"	ELEVATOR CONV. REC	24
		25	A119 TEACH WALL RECEPTS	3/4"	12	12	STANDARD	20	1	0.72	0.12					1	20	STANDARD	12	12	3/4"	ELEVATOR LIGHTS	26
		27	A119 RECEPTS	3/4"	12	12	STANDARD	20	1			1.08	1.18			1	20	STANDARD	12	12	3/4"	ELEVATOR SUMP REC.	28
		29	A118 TEACH WALL RECEPTS	3/4"	12	12	STANDARD	20	1			-	-	0.90		1	20	STANDARD				SPARE	30
		31	A118 RECEPTS	3/4"	12	12	STANDARD	20	1	1.08		1.10				1	20	STANDARD				SPARE	32
		33 35	A116/COOLER A117 RECEPTS	3/4" 3/4"	12	12 12	STANDARD	20	1		-	1.18		0.36		1	20	STANDARD	â	6		SPARE	34
	CIR	37	A115/COOLER	3/4"	12	12	STANDARD	20	1	1.18	-		0	0.50		1	20	STANDARD			-	SPARE	38
SCRIPTION	CIR.	39	IT QUAD A113#1	3/4"	12	12	STANDARD	20	1			1.00				1	20	STANDARD	0			SPARE	40
RTU-2-1	NO. 2	41	IT QUAD A113#2	3/4"	12	12	STANDARD	20	1							1	20	STANDARD				SPARE	42
E ABOVE	4	NOTE	S: FEED THROUGH LUGS.							CON	NECTED	LOAD	PHASE TO	OTALS (	kVA)								
E ABOVE	6									A =	10.64	B=	11.82	C=	8.74								
RTU-2-2	8	_																					
EABOVE	10		PANELBOARD:	RP1B																			
E ABOVE	12		SERVED FROM	UTILITY			TYPE:	M.L.O.			VOLTA	GE (L-L)	208		MININ	лим		CONNE	CTED LOAD:	26.08	KVA		
RTU-2-3	14		ENCLOSURE RATING	NEMA 1			RATING:	225			VOLTAG	E (L-N)	120		AIC RA	TING:	10,000			72	AMPERES	5	
EABOVE	18		MOUNTING	SURFACE	5							PHASE											
RTU-2-4	20									r		WIRE	4			8							
E ABOVE	22	CIR.	DESCRIPTION	RACEWA	GROUND	COPPER WIRE 75C	BREAKER	OVERCURRENT PROTECTION			Pł	ASE LC	ADS (kV	A)		POLE	OVERCURRENT PROTECTION	BREAKER	COPPER WIRE 75C	EQUIPMEN T GROUND	RACEWA	DESCRIPTION	CIR
E ABOVE	24	NO.		Y	WIRE	TERMINALS	TYPE	SIZE		,	A	2	В		c	i.	SIZE	ТҮРЕ	TERMINALS	WIRE	Y		NO
NG FL2 CKT#1	26	1	BASKETBALL RETRACT #1	3/4"	12	12	STANDARD	20	1	1.66	0.44	1.66	0.44			3	20	STANDARD	12	12	3/4"	BLEACHER RETRACT #1	2
NG FL2 CKT#2	28	3	BASKETBALL RETRACT #2 BASKETBALL RETRACT #3	3/4" 3/4"	12	12 12	STANDARD	20	1			1.66	0.44	1.66	0.44	-	-	STANDARD STANDARD	-			SEE ABOVE SEE ABOVE	4
NG FL2 CKT#3	30	7	BASKETBALL RETRACT #4	3/4"	12	12	STANDARD	20	1	1.66	0.44		0	1.00	0.44	3	20	STANDARD	12	12	3/4"	BLEACHER RETRACT #2	8
SPARE	34	9	BASKETBALL RETRACT #5	3/4"	12	12	STANDARD	20	1	1.00	0.11	1.66	0.44		-	-	-	STANDARD		-	-	SEE ABOVE	10
SPARE	36	11	BASKETBALL RETRACT #6	3/4"	12	12	STANDARD	20	1					1.66	0.44		-	STANDARD	(H)	*		SEE ABOVE	12
MR (THIS ROOM)	) 38	13	STAGE RETRACT	3/4"	12	12	STANDARD	20	3	0.44	0.90					1	20	STANDARD	12	12	3/4"	A141 NW RECEPTS	14
E ABOVE	40	15	SEE ABOVE		н		STANDARD					0.44	0.36			1	20	STANDARD	12	12	3/4"	A138 RECEPT	16
E ABOVE	42	17	SEE ABOVE	121	2	2 -	STANDARD	2						0.44	0.00	1	20	STANDARD	12	12	3/4"	A138 GWH & RECIRC CKT	18
		19	A141/CORR RECEPTS	3/4"	12	12	STANDARD	20	1	1.08	1.32			_	-	2	20	GFCI	12	12	3/4"	ICEMAKER A136	20
		21 23	A141 NE RECEPTS A141 SW/CORR RECEPTS	3/4" 3/4"	12	12 12	STANDARD	20	1			0.36	1.32	0.90	1.00	-	- 20	GFCI	- 12	- 12	- 3/4"	SEE ABOVE WALL HEATER A137	22
		25	A135 AREA RECEPTS	3/4"	12	12	STANDARD	20	1	0.54				0.90	1.00	1	20	STANDARD	12	12	3/4"	A137/EXT RECEPTS	24
		27	A136/A139 RECEPTS	3/4"	12	12	STANDARD	20	1			0.90	0.44			3	20	STANDARD	12	12	3/4"	GYM DIVIDER MOTOR	28
		29	A132 AREA RECEPTS	3/4"	12	12	STANDARD	20	1					0.54	0.44	8	-	STANDARD		2		SEE ABOVE	30
		31	A130 RECEPTS	3/4"	12	12	STANDARD	20	1	0.72	0.44					. 15		STANDARD				SEE ABOVE	32
		33	A129 RECEPTS	3/4"	12	12	STANDARD	20	1			0.90	1			1	20	STANDARD	1	1		SPARE	34
		35	SPARE				STANDARD	20	1				1.	0.00		1	20	STANDARD		0		SPARE	36
		37 39	SPARE				STANDARD	20	1	0.00		0.00				1	20	STANDARD STANDARD	0			SPARE	38 40
		41	SPARE				STANDARD	20	1	-		0.00	-			1	20	STANDARD		1) 1		SPARE	40
		NOTE	2.5 COMMON			50 - S	011107110		- î	CON	INECTED	LOAD	PHASE TO	L OTALS (	kVA)	- <u>1</u>		on addraid		As			
		11.221 - 529 522 1929								A =	9.64	B=	8.92	C=	7.52								
			PANELBOARD:	0024	)																		
			SERVED FROM	1000200-120			TYPE:	M.C.B.			VOLTA		209		MININ			CONNE	CTED LOAD:	28.30	K1/A		
			ENCLOSURE RATING				RATING:				VOLTAG						10,000	CONNE	CIED LOAD.		AMPERES	5	
			MOUNTING		E							PHASE											
												WIRE	: 4										
		CIR.		RACEWA	EQUIPMENT	1	BREAKER	OVERCURRENT		Î	Pł	ASE LC	ADS (kV	A)	1.1		OVERCURRENT	BREAKER	COPPER	EQUIPMEN	RACEWA		CIF
		NO.	DESCRIPTION	Y	GROUND	WIRE 75C TERMINALS	TYPE	PROTECTION	POLE		Ą		В		с	POLE	PROTECTION SIZE	TYPE	WIRE 75C TERMINALS	T GROUND WIRE	Y	DESCRIPTION	NO
		1	ROOF HVAC CONV. RECEPTS	3/4"	12	12	STANDARD	20	1	0.90	0.36					1	20	STANDARD	12	12	3/4"	A208/A201 RECEPTS	2
		3	ROOF FAN EF-1-1	3/4"	12	12	STANDARD	20	1			1.13	0.18			1	20	STANDARD	12	12	3/4"	A209 RECEPTS	4
		5	ROOF FAN EF-1-2	3/4"	12	12	STANDARD	20	1				0	1.13	0.90	1	20	STANDARD	12	12	3/4"	A206 TEACH WALL RECEPTS	6
		7	ROOF FAN EF-2-1	3/4"	12	12	STANDARD	20	1	1.13	1.26					1	20	STANDARD	12	12	3/4"	A206 RECEPTS/A201	8
		9 11	A203 TEACH WALL RECEPTS A203 RECEPTS	3/4" 3/4"	12	12 12	STANDARD	20	1			0.72	0.90	1.26	1.62	1	20	STANDARD	12 12	12 12	3/4"	A205 TEACH WALL RECEPTS A205 RECEPTS/A201	10
		13	A203 RECEPTS	3/4"	12	12	STANDARD	20	1	0.90	1.13			1.20	1.02	1	20	STANDARD	12	12	3/4"	ROOF FAN EF 2-2	14
		15	A202 TEACH WALL RECEPTS A202 RECEPTS	3/4"	12	12	STANDARD	20	1	5.50	1.15	1.26				1	20	STANDARD		**	-/-	SPARE	14
		17	A220 TEACH WALL RECEPTS	3/4"	12	12	STANDARD	20	1					0.90		1	20	STANDARD				SPARE	18
			A220 RECEPTS	3/4"	12	12	STANDARD	20	1	1.08						1	20	STANDARD				SPARE	20
		19	AZZO RECEP 13			12	STANDARD	20	1			1.62				1	20	STANDARD				SPARE	22
		19 21	A218 TEACH WALL RECEPTS	3/4"	12			•	1	1				0.90	1	12							
		21 23	A218 TEACH WALL RECEPTS A218 RECEPTS	3/4"	12	12	STANDARD	20	-	-				0.90	-	1	20	STANDARD				SPARE	24
		21 23 25	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS	3/4" 3/4"	12 12	12 12	STANDARD	20	1	0.72		-		0.90		1	20	STANDARD	а а	1. 1.		SPARE	26
		21 23 25 27	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS	3/4" 3/4" 3/4"	12 12 12	12 12 12	STANDARD STANDARD	20 20	1	0.72		1.26				1	20 20	STANDARD STANDARD	х х			SPARE SPARE	26
		21 23 25 27 29	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS A201 CORR	3/4" 3/4" 3/4" 3/4"	12 12 12 12 12	12 12 12 12 12	STANDARD STANDARD STANDARD	20 20 20	1 1 1			1.26		0.90		1	20 20 20	STANDARD STANDARD STANDARD		<u>.</u>		SPARE	26 28 30
		21 23 25 27	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS	3/4" 3/4" 3/4"	12 12 12	12 12 12	STANDARD STANDARD	20 20	1	0.72		1.26				1 1 1	20 20	STANDARD STANDARD		2 2 2 		SPARE SPARE SPARE	26
		21 23 25 27 29 31	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS A201 CORR A214 TEACH WALL RECEPTS	3/4" 3/4" 3/4" 3/4" 3/4"	12 12 12 12 12 12	12 12 12 12 12 12	STANDARD STANDARD STANDARD STANDARD	20 20 20 20	1 1 1							1 1 1 1	20 20 20 20	STANDARD STANDARD STANDARD STANDARD				SPARE SPARE SPARE SPARE	26 28 30 32
		21 23 25 27 29 31 33	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS A201 CORR A214 TEACH WALL RECEPTS A214 RECEPTS	3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	12 12 12 12 12 12 12 12 12	12 12 12 12 12 12 12 12	STANDARD STANDARD STANDARD STANDARD STANDARD	20 20 20 20 20 20	1 1 1 1					0.90		1 1 1 1	20 20 20 20 20 20	STANDARD STANDARD STANDARD STANDARD STANDARD				SPARE SPARE SPARE SPARE SPARE	26 28 30 32 34
		21 23 25 27 29 31 33 35	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS A201 CORR A214 TEACH WALL RECEPTS A214 RECEPTS A213 TEACH WALL RECEPTS	3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	12 12 12 12 12 12 12 12 12 12	12 12 12 12 12 12 12 12 12 12	STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD	20 20 20 20 20 20 20	1 1 1 1 1 1	0.72				0.90		1 1 1 1 1	20 20 20 20 20 20 20	STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD				SPARE SPARE SPARE SPARE SPARE SPARE	26 28 30 32 34 36
		21 23 25 27 29 31 33 35 37	A218 TEACH WALL RECEPTS A218 RECEPTS A216 TEACH WALL RECEPTS A216 RECEPTS A201 CORR A214 TEACH WALL RECEPTS A214 TEACH WALL RECEPTS A213 TEACH WALL RECEPTS A213 RECEPTS A213 RECEPTS A211/COOLER A210/COOLER	3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	12 12 12 12 12 12 12 12 12 12 12	12 12 12 12 12 12 12 12 12 12 12	STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD	20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1	0.72		1.26		0.90		1 1 1 1 1 1	20 20 20 20 20 20 20 20 20	STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD				SPARE SPARE SPARE SPARE SPARE SPARE SPARE	26 28 30 32 34 36 38



A = 9.10 B= 9.51 C= 9.69

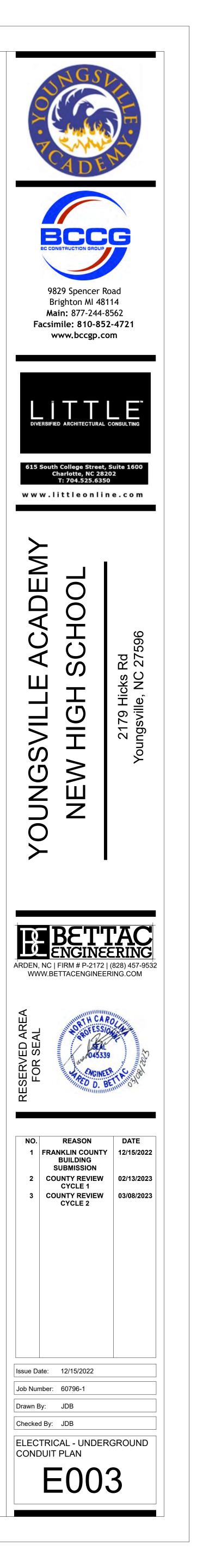


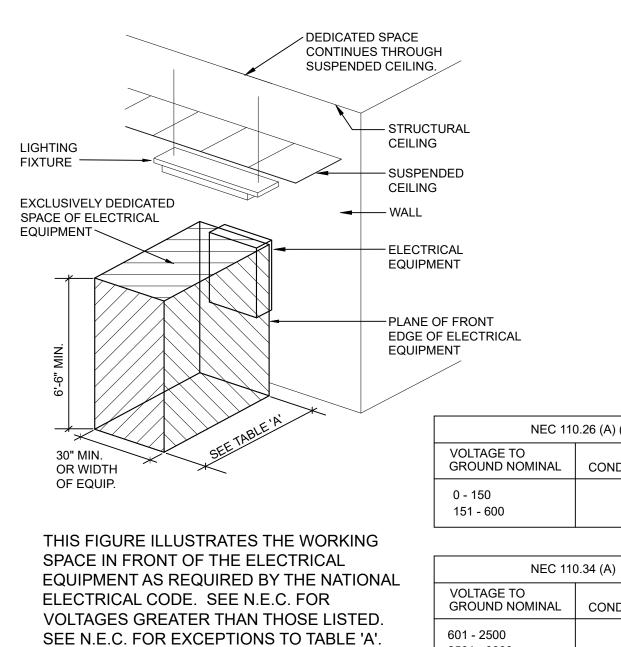




COORDINATE WITH UTILITY PRIOR TO INSTALLATION. TRANSFORMER PIT PAD SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

REVIEWED FOR CODE COMPLIANCE FRANKLIN COUNTY NORTH CAROLINA Plans must be on site at all times. It is the responsibility of the Permit holder or Contractor to comply with all local Ordinances, rules and regulations and the North Carolina Building Codes as if they were part of the specifications for the building. These shall be considered the official approved plans over anything shown, described or implied to the contrary. Reviewer is not responsible for mistakes or oversights during the plan review. -- PFaulkner 03/30/2023





WHERE THE CONDITIONS ARE AS FOLLOWS:

1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS. 2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.

3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

ELECTRICAL EQUIPMENT WORKING CLEARANCES 1 **E-004** / SCALE : NOT TO SCALE

2501 - 9000

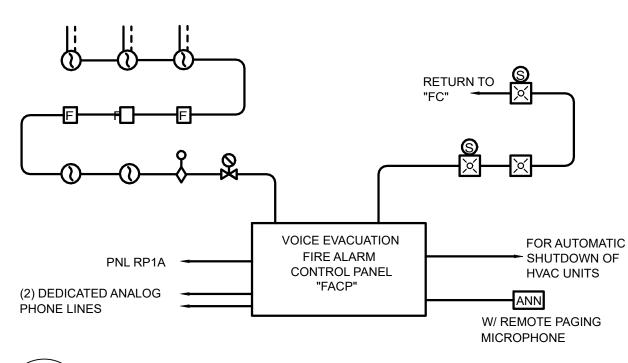
9001 - 25,000

ABOVE 75kV

25,001 - 75 kV

		ACTUS ACTUS		MMO		AND R AND R		AND IS		OMI RC	JAI	A DILLON		A A A	AT CH	AL CONTRACTOR		ST C			DI DAN	2 RHP RHP	ALL N	ALL ALLA				23			
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2 IN-DUCT SMOKE DETECTOR FOR DAMPER 3 IN-DUCT SMOKE DETECTOR				•					+		-			•						_					<u> </u>	$\vdash$	⊢−−	$\rightarrow$			2
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4 SMOKE DETECTOR - GENERAL 5 HEAT DETECTOR - GENERAL											+		-						_	_	_			+	<u> </u>	$\vdash$	┢──╋	$\rightarrow$			4
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6 SMOKE DETECTOR - DOOR HOLDERS 7 SMOKE DETECTOR - ELEVATOR - FLOOR 2									_		-		-						_	_				+	<u> </u>	$\vdash$	┝──┼	$\rightarrow$			7
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10 HEAT DETECTOR - ELEVATOR MOTOR AREA		-								•	-	•							_	_	_				<u> </u>	$\mid$	⊢	$\rightarrow$			
11 HEAT DETECTOR - ELEVATOR SHAFT PIT AREA		•								• •	┦	•		<u> </u>						_	_			╷╸	<u> </u>	$\vdash$	⊢	-+			11
12 FIRE ALARM SYSTEM - LOW BATTERY	_	_			-	•			_			•			•				_	_	_			—	<u> </u>	$\mid$	⊢−−∔				12
13 OPEN CIRCUIT	_	_			-	•					$\square$	•			•					_	_			—	<u> </u>	$\vdash$	⊢				13
14 GROUND FAULT	_				•	•						•	_		•					_				<u> </u>	<u> </u>	$\square$	⊢––∔				14
15 NOTIFICATION APPLIANCE SHORT CIRCUIT					•	•						•								_				_		$\vdash$	$\vdash$	$ \rightarrow $			15
16 SIGNALING LINE SHORT CIRCUIT					•	•						•			$\bullet$					_				_	<u> </u>	$\square$	$\vdash$	$ \rightarrow $			16
17 INITIATING DEVICE OPEN CIRCUIT						•									$\bullet$									_	<u> </u>	$\square$	$ \square $	$\square$			17
18 FIRE ALARM AC FAILURE					•	•						•			$\bullet$									_		$\square$	$\square$				18
19 AMPLIFIER AC FAILURE					•	•						•												$\perp$			$\square$				19
20 SNAC AC FAILURE					-	•						•			$\bullet$												$\square$				20
21 CO DETECTOR					•	•						•			$\bullet$																21

FIRE ALARM SYSTEM MATRIX E-004 SCALE : NOT TO SCALE



## FIRE ALARM RISER DIAGRAM E-004 / SCALE : NOT TO SCALE

- 1. ALL CONDUIT SHALL BE 3/4" MIN WITH WIRING AS REQUIRED BY MANUFACTURER. PAINT ALL JUNCTION BOXES, COVERS AND MARK CONDUIT EVERY 10' WITH RED PAINT. 2. DUCT MOUNTED SMOKE DETECTORS TO BE PROVIDED AND WIRED TO FACP BY ELECTRICAL, MOUNTED IN RETURN DUCT OF EACH HVAC UNIT BY MECHANICAL.
- 3 REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATIONS. PROVIDE AUXILIARY CONTACT FOR MECHANICAL USE. 4. ELECTRICAL CONTRACTOR SHALL WIRE FROM FACP TO EACH INDIVIDUAL AIR HANDLER CONTROL
- CIRCUIT TO INSTALL SHUT DOWN CONTACT AS REQUIRED BYNFPA.

 SYSTEM OUTPUTS	

NOTIFICATION

CONTROL UNIT ANNUNCIATION

4 6 9 10 8 6 10 12 8

MINIMU	M CLEAF	R DISTANCE (FE	ET)
ONDITION:	1	2	3
	3	3	3
	3	3.5	4
(A) - WORKIN	IG CLEAR	ANCES	
MINIMU	M CLEAF	R DISTANCE (FE	ET)
ONDITION:	1	2	3
	3	4	5
	4	5	6

A)(1) - WOR	KING CLE	ARANCES		
MINIMU	JM CLEAR	DISTANCE (FE	ET)	
NDITION:	1	2	´3	
	3	3	3	
	3	3.5	4	

REQUIRED FIRE SAFETY CONTROL SUPPLEMENTARY

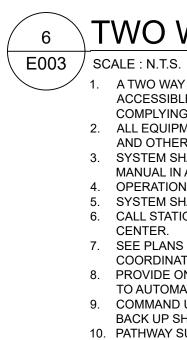
MADE-UP GROUND BUS FIELD INSTALLED

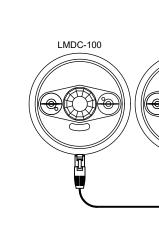
TO TELEPHONE BACKBOARD 

TO DRY TYPE TRANSFORMER

ROD

3/4" X 10' GROUND

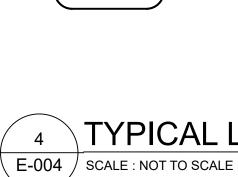


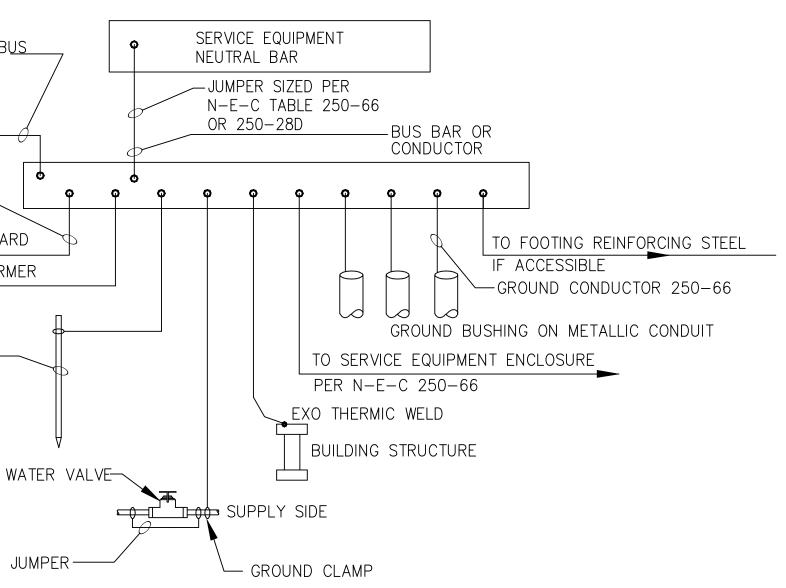


Neutral Wht

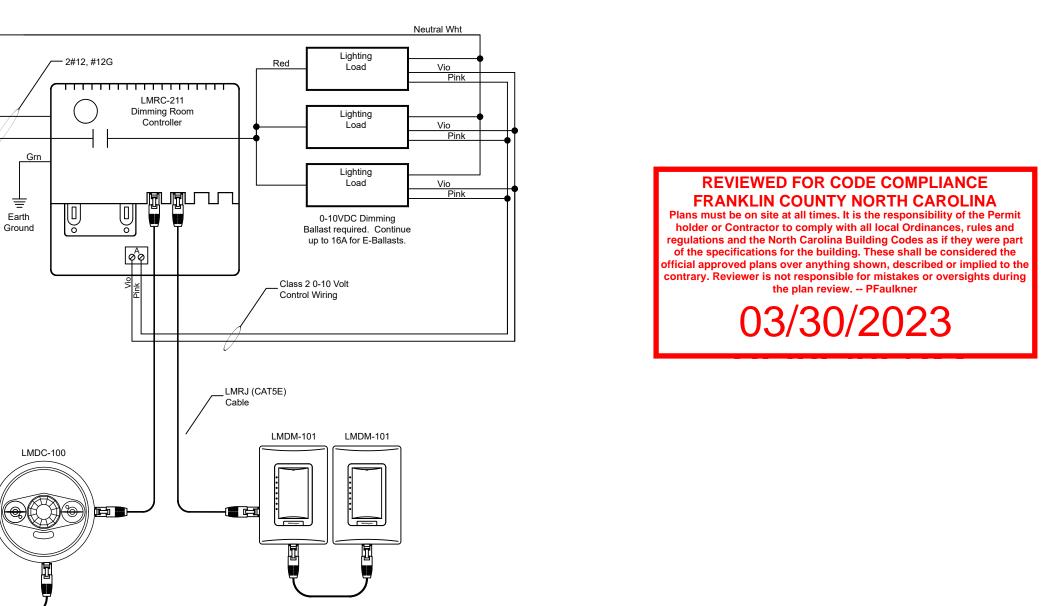
Unswitche

Hot Blk 120/277

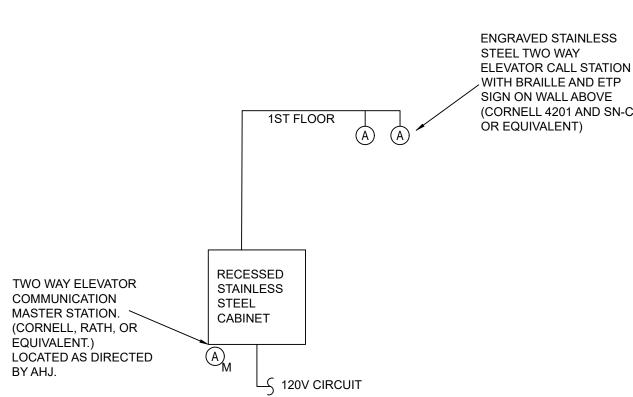




## <sup>2</sup> SERVICE EQUIPMENT GROUNDING E-004 / SCALE : NOT TO SCALE



# <sup>4</sup> TYPICAL LIGHTING OVERHEAD DIMMER WITH OCCUPANCY SENSORS

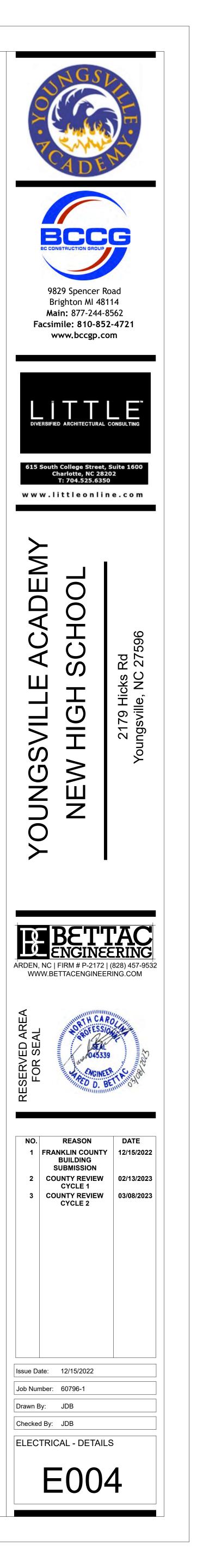


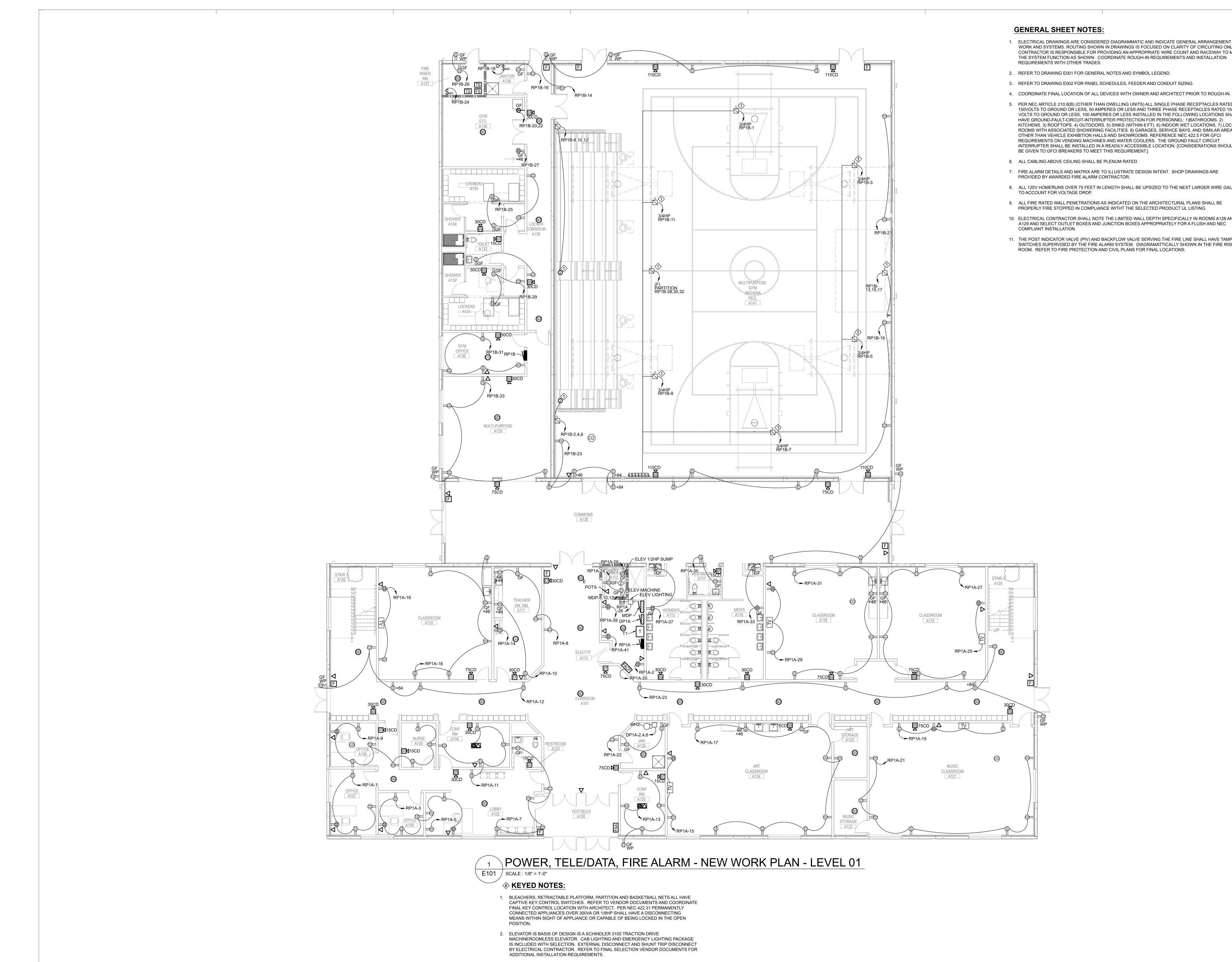
# TWO WAY COMMUNICATION SYSTEM DETAILS

1. A TWO WAY COMMUNICATION SYSTEM SHALL BE PROVIDED AT THE ELEVATOR LANDING ON EACH ACCESSIBLE FLOOR THAT IS ONE OR MORE STORIES OR BELOW THE STORY OF EXIT DISCHARGE COMPLYING WITH SECTION 1009.8.1 AND 1009.8.2 OF THE NC STATE BUILDING CODE. 2. ALL EQUIPMENT SHALL BE OF THE SAME MANUFACTURER AND MEET THE REQUIREMENTS OF ADA AND OTHER CODES AND REQUIREMENTS. 3. SYSTEM SHALL BE WIRED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION MANUAL IN A MINIMUM OF 1/2"CONDUIT. 4. OPERATION OF SYSTEM SHALL BE HANDS FREE.

5. SYSTEM SHALL INCLUDE BOTH AUDIBLE AND VISIBLE SIGNALS. 6. CALL STATIONS TO HAVE PANIC BUTTONS LABELED "PUSH FOR HELP" MOUNTED AT 44" A.F.F. TO 7. SEE PLANS FOR EXACT LOCATIONS AND QUANTITY. MASTER STATION LOCATION SHALL BE

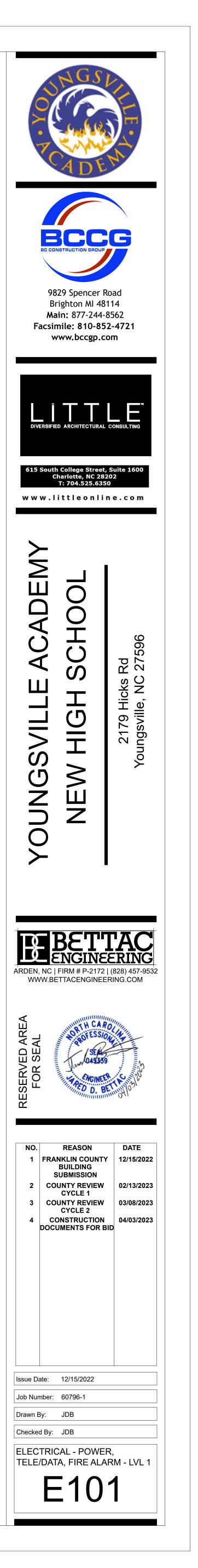
COORDINATED WITH FIRE MARSHALL BEFORE INSTALLATION. 8. PROVIDE ONE (1) RJ11 MODULAR PHONE PORT FOR MASTER STATION. UNIT SHALL BE PROGRAMMED TO AUTOMATICALLY CALL OUT TO 911 IN THE EVEN THE MASTER STATION IS NOT PICKED UP. 9. COMMAND UNIT SHALL HAVE A BATTERY BACK UP FOR A MINIMUM OF THREE (3) HOURS. ALL BATTERY BACK UP SHALL BE CONCEALED ABOVE LOCAL UNIT OR WITHIN MASTER STATION (FLUSH). 10. PATHWAY SURVIVABILITY OF TWO (2) HOURS IS REQUIRED FOR ALL CABLING.

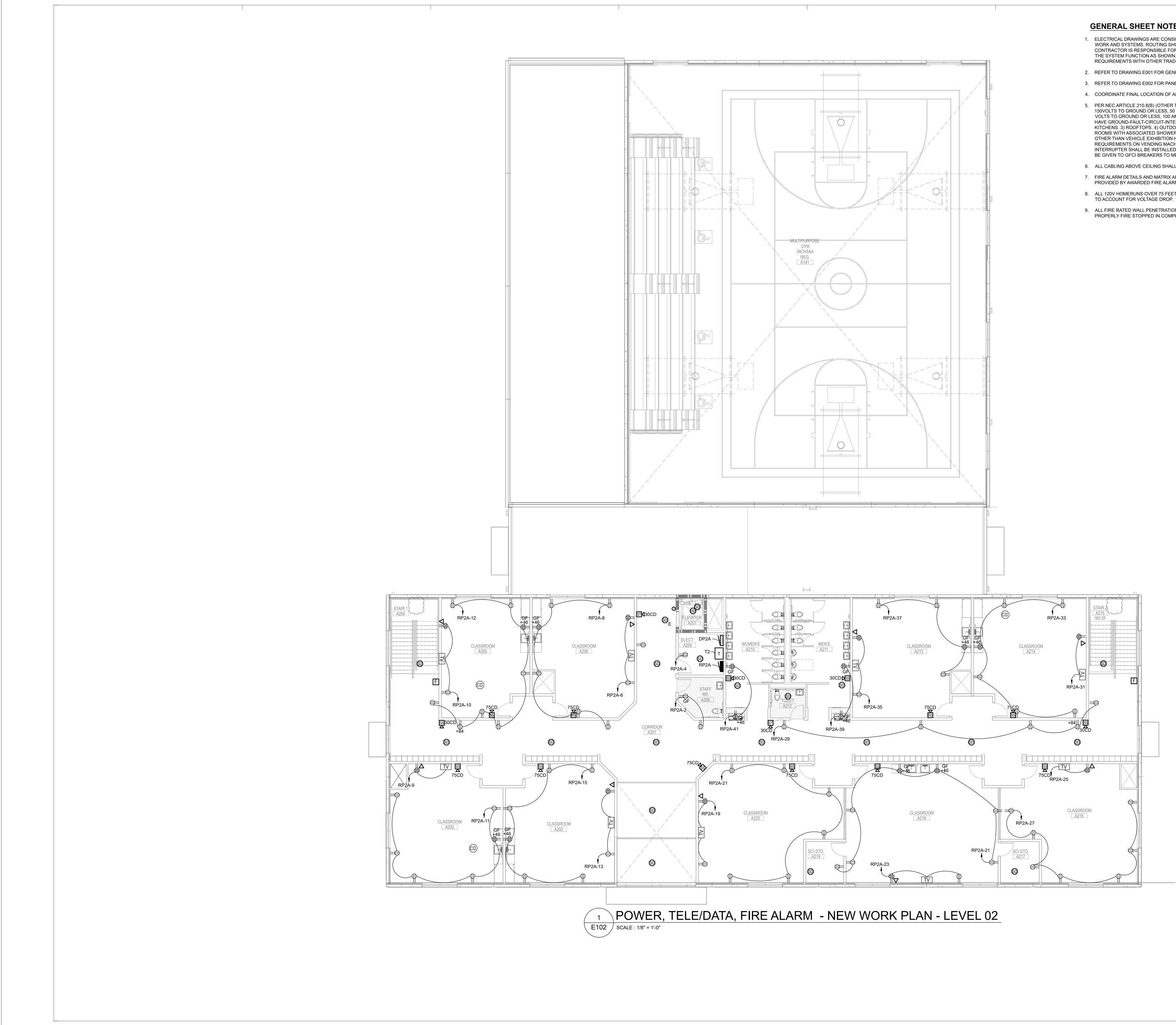




## **GENERAL SHEET NOTES:**

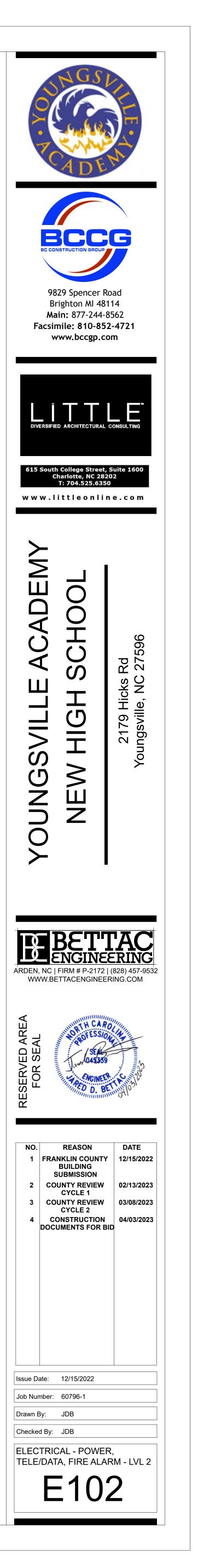
- 1. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. ROUTING SHOWN IN DRAWINGS IS FOCUSED ON CLARITY OF CIRCUITING ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN APPROPRIATE WIRE COUNT AND RACEWAY TO MAKE THE SYSTEM FUNCTION AS SHOWN. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- 2. REFER TO DRAWING E001 FOR GENERAL NOTES AND SYMBOL LEGEND.
- 3. REFER TO DRAWING E002 FOR PANEL SCHEDULES, FEEDER AND CONDUIT SIZING.
- 5. PER NEC ARTICLE 210.8(B) (OTHER THAN DWELLING UNITS) ALL SINGLE PHASE RECEPTACLES RATED 150VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS INSTALLED IN THE FOLLOWING LOCATIONS SHALL HAVE GROUND-FAULT-CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL: 1)BATHROOMS. 2) KITCHENS. 3) ROOFTOPS. 4) OUTDOORS. 5) SINKS (WITHIN 6 FT). 6) INDOOR WET LOCATIONS. 7) LOCKER ROOMS WITH ASSOCIATED SHOWERING FACILITIES. 8) GARAGES, SERVICE BAYS, AND SIMILAR AREAS OTHER THAN VEHICLE EXHIBITION HALLS AND SHOWROOMS. REFERENCE NEC 422.5 FOR GFCI REQUIREMENTS ON VENDING MACHINES AND WATER COOLERS. THE GROUND FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. [CONSIDERATIONS SHOULD BE GIVEN TO GFCI BREAKERS TO MEET THIS REQUIREMENT.]
- 6. ALL CABLING ABOVE CEILING SHALL BE PLENUM RATED.
- 7. FIRE ALARM DETAILS AND MATRIX ARE TO ILLUSTRATE DESIGN INTENT. SHOP DRAWINGS ARE PROVIDED BY AWARDED FIRE ALARM CONTRACTOR.
- 8. ALL 120V HOMERUNS OVER 75 FEET IN LENGTH SHALL BE UPSIZED TO THE NEXT LARGER WIRE GAUGE TO ACCOUNT FOR VOLTAGE DROP.
- 9. ALL FIRE RATED WALL PENETRATIONS AS INDICATED ON THE ARCHITECTURAL PLANS SHALL BE PROPERLY FIRE STOPPED IN COMPLIANCE WITHT THE SELECTED PRODUCT UL LISTING.
- 10. ELECTRICAL CONTRACTOR SHALL NOTE THE LIMITED WALL DEPTH SPECIFICALLY IN ROOMS A128 AND A129 AND SELECT OUTLET BOXES AND JUNCTION BOXES APPROPRIATELY FOR A FLUSH AND NEC COMPLIANT INSTALLATION.
- 11. THE POST INDICATOR VALVE (PIV) AND BACKFLOW VALVE SERVING THE FIRE LINE SHALL HAVE TAMPER SWITCHES SUPERVISED BY THE FIRE ALARM SYSTEM. DIAGRAMATTICALLY SHOWN IN THE FIRE RISER ROOM. REFER TO FIRE PROTECTION AND CIVIL PLANS FOR FINAL LOCATIONS.

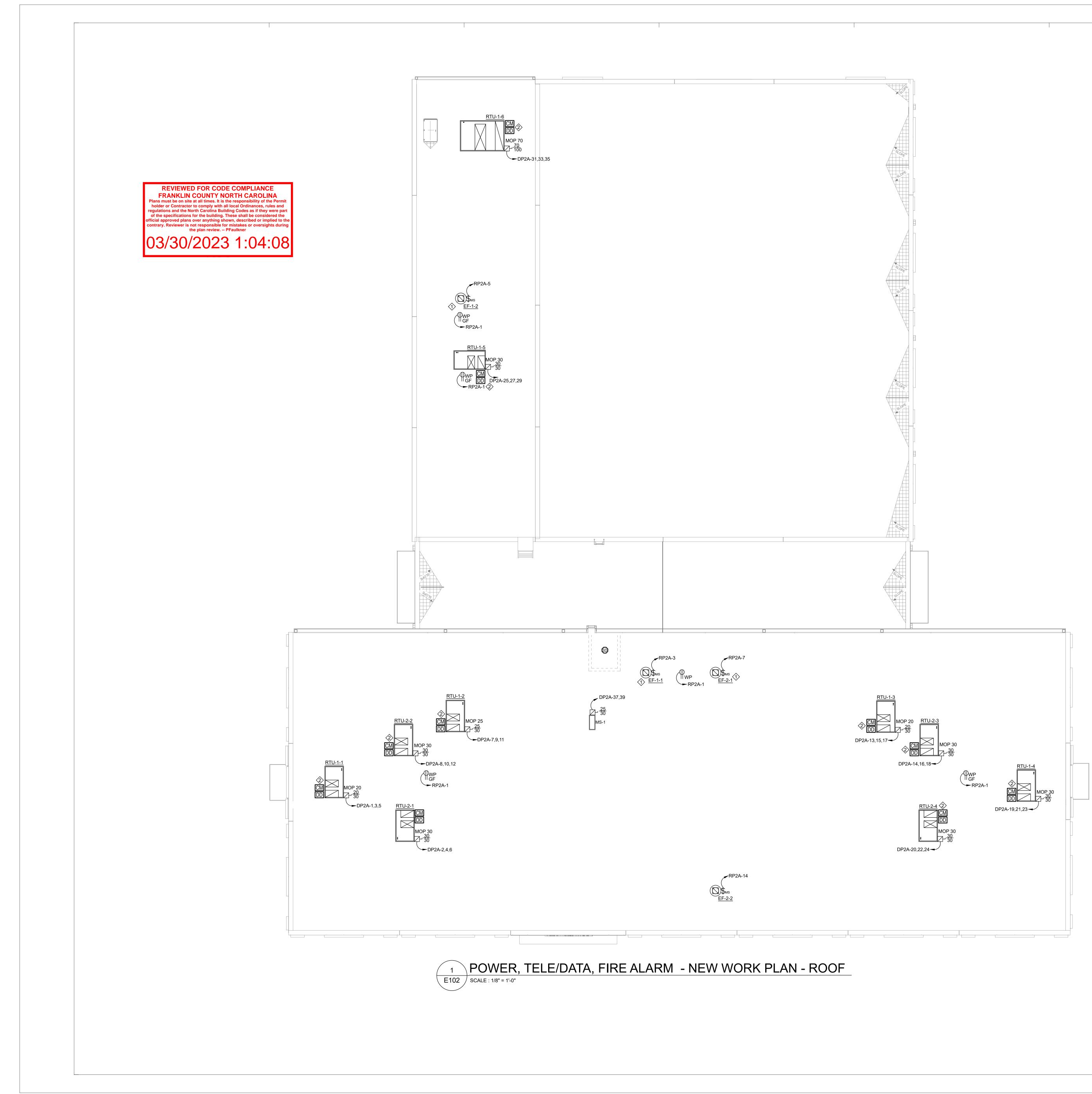




## **GENERAL SHEET NOTES:**

- 1. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. ROUTING SHOWN IN DRAWINGS IS FOCUSED ON CLARITY OF CIRCUITING ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN APPROPRIATE WIRE COUNT AND RACEWAY TO MAKE THE SYSTEM FUNCTION AS SHOWN. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- 2. REFER TO DRAWING E001 FOR GENERAL NOTES AND SYMBOL LEGEND.
- 3. REFER TO DRAWING E002 FOR PANEL SCHEDULES, FEEDER AND CONDUIT SIZING.
- 4. COORDINATE FINAL LOCATION OF ALL DEVICES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 5. PER NEC ARTICLE 210.8(B) (OTHER THAN DWELLING UNITS) ALL SINGLE PHASE RECEPTACLES RATED 150VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS INSTALLED IN THE FOLLOWING LOCATIONS SHALL HAVE GROUND-FAULT-CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL: 1)BATHROOMS. 2) KITCHENS. 3) ROOFTOPS. 4) OUTDOORS. 5) SINKS (WITHIN 6 FT). 6) INDOOR WET LOCATIONS. 7) LOCKER ROOMS WITH ASSOCIATED SHOWERING FACILITIES. 8) GARAGES, SERVICE BAYS, AND SIMILAR AREAS OTHER THAN VEHICLE EXHIBITION HALLS AND SHOWROOMS. REFERENCE NEC 422.5 FOR GFCI REQUIREMENTS ON VENDING MACHINES AND WATER COOLERS. THE GROUND FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. [CONSIDERATIONS SHOULD BE GIVEN TO GFCI BREAKERS TO MEET THIS REQUIREMENT.]
- 6. ALL CABLING ABOVE CEILING SHALL BE PLENUM RATED.
- 7. FIRE ALARM DETAILS AND MATRIX ARE TO ILLUSTRATE DESIGN INTENT. SHOP DRAWINGS ARE PROVIDED BY AWARDED FIRE ALARM CONTRACTOR.
- 8. ALL 120V HOMERUNS OVER 75 FEET IN LENGTH SHALL BE UPSIZED TO THE NEXT LARGER WIRE GAUGE
- 9. ALL FIRE RATED WALL PENETRATIONS AS INDICATED ON THE ARCHITECTURAL PLANS SHALL BE PROPERLY FIRE STOPPED IN COMPLIANCE WITHT THE SELECTED PRODUCT UL LISTING.



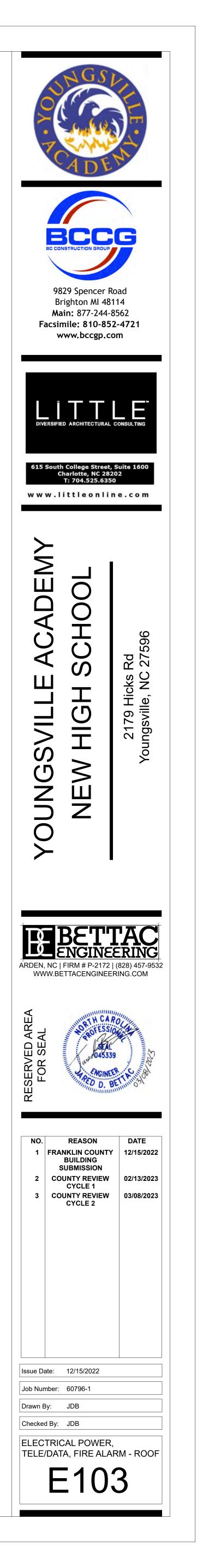


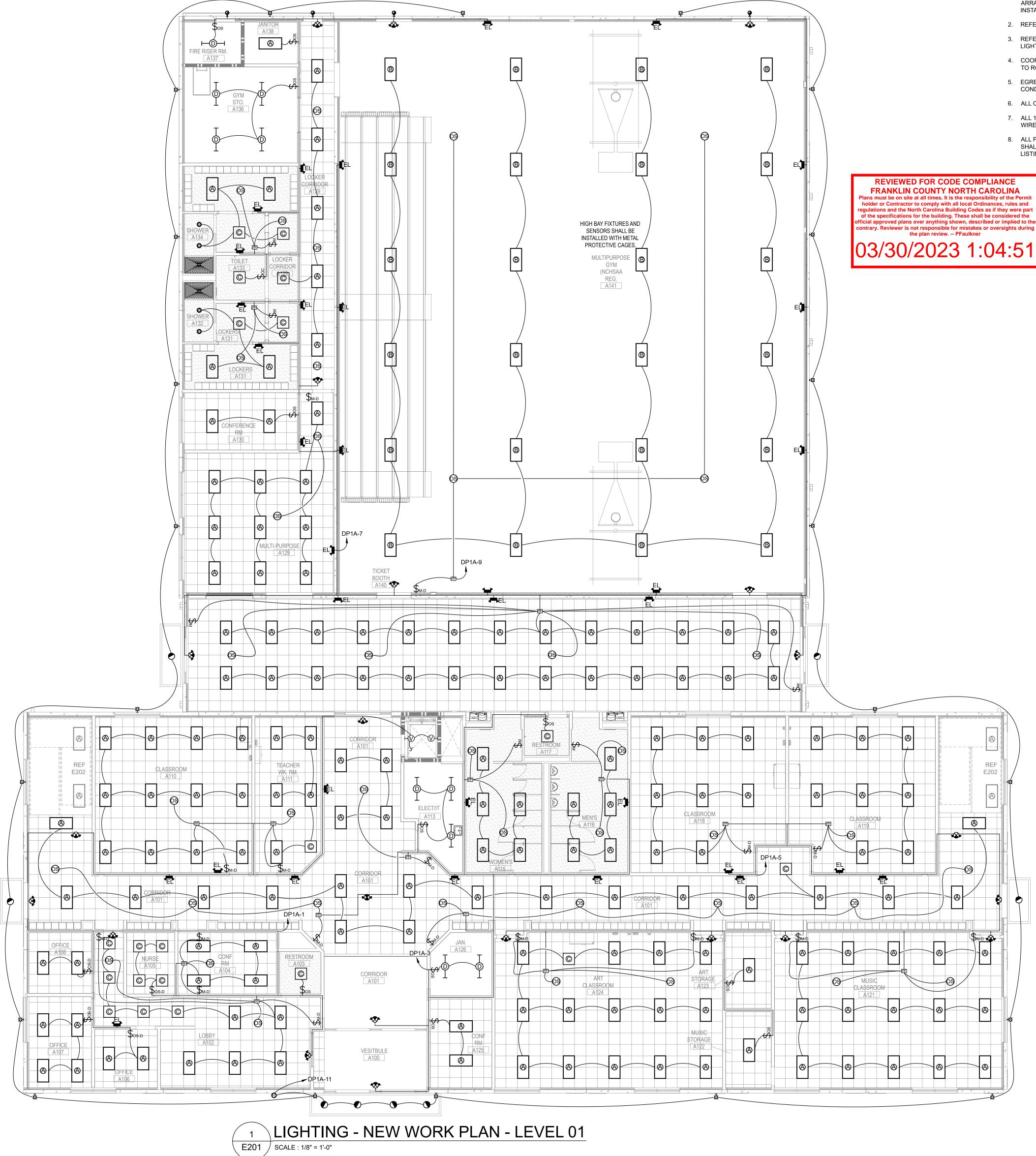
## GENERAL SHEET NOTES:

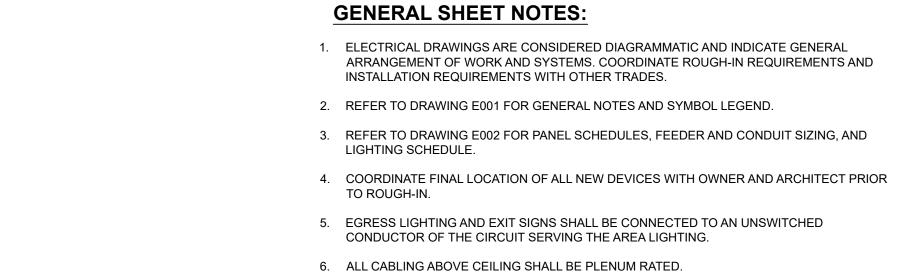
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- 2. REFER TO DRAWING E001 FOR GENERAL NOTES AND SYMBOL LEGEND.
- 3. COORDINATE FINAL LOCATION OF ALL ROOFTOP DEVICES WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 4. FIRE ALARM DETAILS AND MATRIX ARE TO ILLUSTRATE DESIGN INTENT. SHOP DRAWINGS ARE PROVIDED BY AWARDED FIRE ALARM CONTRACTOR.

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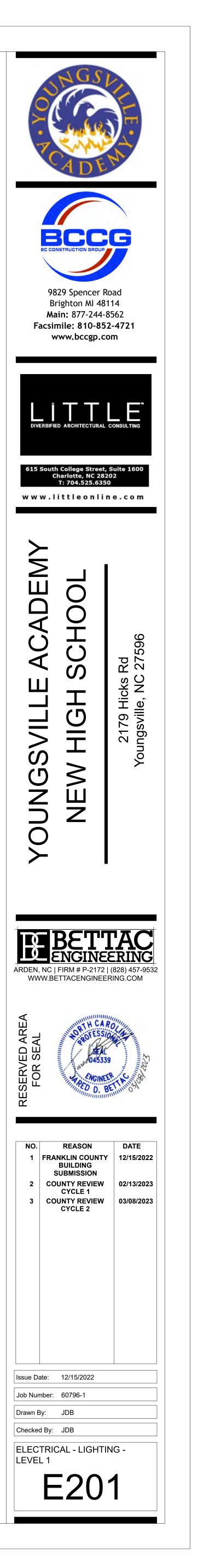
- 1. EXHAUST FANS TO BE CONTROLLED FROM BUILDING AUTOMATION SYSTEM. COORDINATE WITH MECHANICAL CONTRACTOR.
- 2. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR FOR NEW CONTROL MODULE AND DUCT DETECTOR FOR RTU.



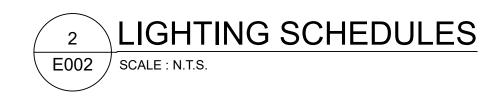


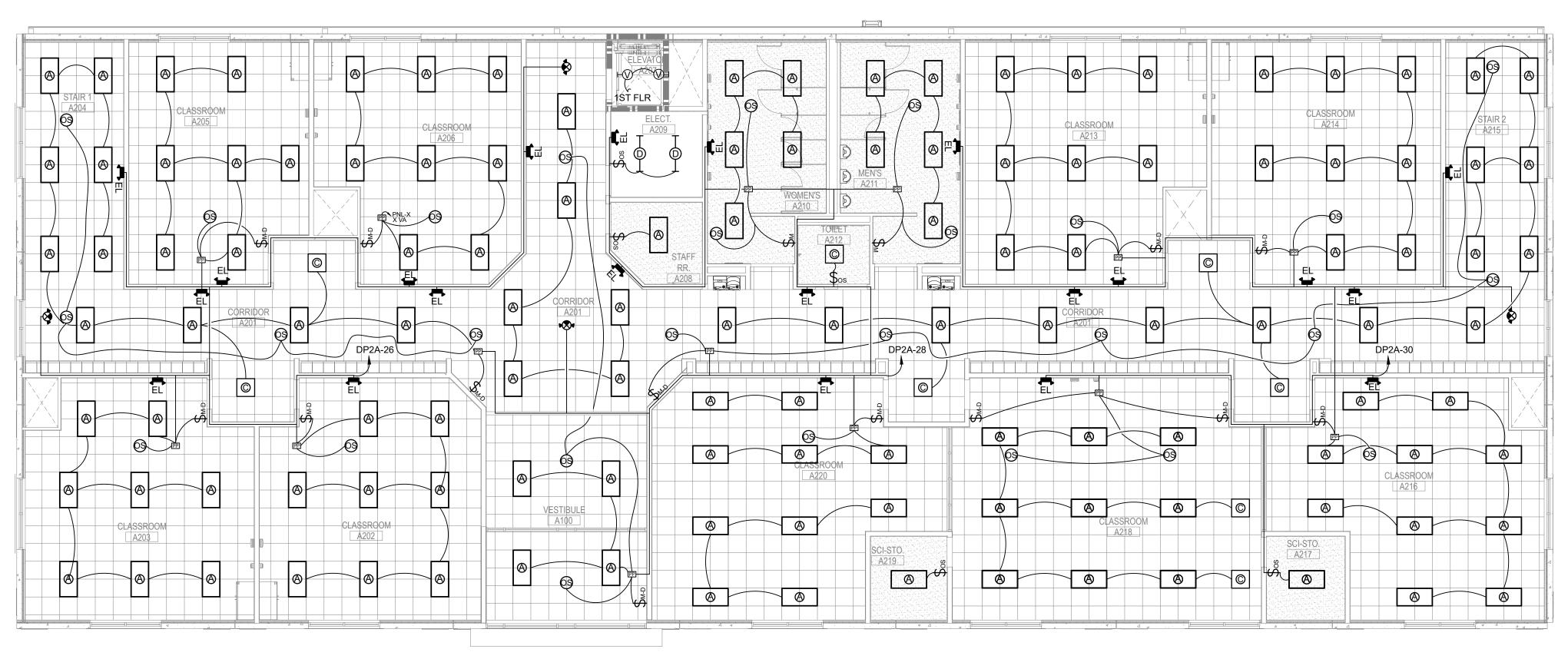


- ALL 120V HOMERUNS OVER 75 FEET IN LENGTH SHALL BE UPSIZED TO THE NEXT LARGER WIRE GAUGE TO ACCOUNT FOR VOLTAGE DROP.
- ALL FIRE RATED WALL PENETRATIONS AS INDICATED ON THE ARCHITECTURAL PLANS SHALL BE PROPERLY FIRE STOPPED IN COMPLIANCE WITHT THE SELECTED PRODUCT UL LISTING.



TYPE	MANUFACTURER	CATALOG #	LAMP	BALLAST	WATTS	VOLTAGE	MOUNTING	DESCRIPTION
8	LITHONIA	BLT SERIES	_ 4960 LUMEN PACKAGE	0–10V DIMMING DRIVER DIM TO BLACK	52W	277V	CEILING RECESSED	2'X4' RECESSED LED TROFFER, CURVED LINEAR PRISMS. SUPPLY WITH TRIM KIT WHERE INSTALLED IN GYPSUM CEILING.
	DAY-BRITE	EQUAL						
	COOPER	EQUAL						
ß	LITHONIA	IBG HEF SERIES		0–10V DIMMING DRIVER	171W	277V	PENDANT MOUNTED CHAIN HUNG	2'X4' HIGH BAY HIGH EFFICIENCY LED STRIP FIXTURE. PROVIDE WITH WIRE COVER FOR GYMNASIUM.
	DAY-BRITE	EQUAL						
	COOPER	EQUAL						
	LITHONIA	JUNO WF6						
©	DAY-BRITE	EQUAL	970 LUMENS 3500 K	LED DRIVER	13W	277V	CEILING RECESSED	6" ULTRATHIN WAFER. WET LOCATION LISTED.
	PRESCOLITE	EQUAL						
©	LITHONIA	STL4 SERIES		LED DRIVER 0-10V	40W	120/277	SURFACE MOUNTED	4' VOLUMETRIC SURFACE MOUNTED FIXTURE, WHITE FINISH.
	DAY-BRITE	EQUAL						
	PRESCOLITE	EQUAL						
	LITHONIA	Z1LN SERIES	400 LUMENS LED MODULE PACKAGE 3500 K MIN 85 CRI	LED DRIVER 0-10V	36W		PENDANT MOUNT 8' AFF CHAIN HUNG	4' LED STRIP LIGHT, FACTORY CHAIN MOUNT.
H_0-1	DAY-BRITE	EQUAL				120/277		
	COOPER	EQUAL						
چ	LITHONIA	WSR SERIES	4799 LUMENS LED OUTPUT	LED DRIVER	29W	277V	EXTERIOR WALL MOUNTED 12.5' AFG (REFER TO ARCHITECTURAL PLACEMENT)	FULL FUTOFF HALF CYLINDER WALL PACK, DARK BRONZE COLOR, DARK BRONZE FINISH.
	DAY-BRITE	EQUAL						
	PRESCOLITE	EQUAL						
	LITHONIA	ELM2 SERIES	TWO LAMP LED WITH POLYCARBONATE LENS 12 SERIES-PARALLEL LEDS PER LAMP	LED	2W	120/277	WALL MOUNTED 8' AFF	TWO HEADED, SELF CONTAINED EMERGENCY LIGHTING UNIT. HIGH-IMPACT POLYCARBONATE HOUSING, MAINTENANCE FREE LEAD CALCIUM BATTERY, WHITE HOUSING.
	DAY-BRITE	EQUAL						
	COOPER	EQUAL						
Ŵн	CANLET	EQUAL	TRT LED GUARDED SCONCE	-	32W	120/277	SEE ELEVATOR EQUIPMENT DETAIL	WALL MOUNTED SCONCE, NON METALLIC JELLY JAR WITH POLY– CARBONATE GLOBE; 32 WATT TRT LAMP SILVER FINISH
	DAY-BRITE	EQUAL						
	METALUX	EQUAL						
<b>⊗</b>	LITHONIA	QUANTUM SERIES	LED COMBO EXIT SIGN	LED	5W	120/277	CEILING OR WALL – 12" ABOVE DOOR	THERMOPLASTIC LED EXIT LIGHT WITH EMERGENCY BATTERY BACK-UP, WHITE HOUSING, GREEN LETTERS. COMBINATION EMERGENCY/EXIT EQUAL TO LITHONIA THQM.
	SURE LITES	CCX SERIES						
	McPHILBEN	CXXL SERIES						
	LITHONIA	QUANTUM COMBINATION EXIT/EMERGENCY						
Ð	ILP	CP 5L U 50 LEDBBCT	WET RATED CANOPY LIGHT WITH INTEGRAL BATTERY BACKUP	LED	40W	277V	SURFACE (IN CANOPY)	ALUMINIUM FIXTURE, POLYCARBONATE LENS, WET RATED, CANOPY LIGHT WITH BATTERY BACKUP.
	SURE LITES	EQUAL						
	McPHILBEN	EQUAL						
	LITHONIA	EQUAL						





## LIGHTING - NEW WORK PLAN - LEVEL 02 E202 / SCALE : 1/8" = 1'-0"

## GENERAL SHEET NOTES:

- 1. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- 2. REFER TO DRAWING E001 FOR GENERAL NOTES AND SYMBOL LEGEND.
- 3. REFER TO DRAWING E002 FOR PANEL SCHEDULES, FEEDER AND CONDUIT SIZING, AND LIGHTING SCHEDULE.
- 4. COORDINATE FINAL LOCATION OF ALL NEW DEVICES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 5. EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO AN UNSWITCHED CONDUCTOR OF THE CIRCUIT SERVING THE AREA LIGHTING.
- 6. ALL CABLING ABOVE CEILING SHALL BE PLENUM RATED.
- 7. ALL 120V HOMERUNS OVER 75 FEET IN LENGTH SHALL BE UPSIZED TO THE NEXT LARGER WIRE GAUGE TO ACCOUNT FOR VOLTAGE DROP.
- 8. ALL FIRE RATED WALL PENETRATIONS AS INDICATED ON THE ARCHITECTURAL PLANS SHALL BE PROPERLY FIRE STOPPED IN COMPLIANCE WITHT THE SELECTED PRODUCT UL LISTING.

