GENERAL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS):

- 1. EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO INSURE ADEQUACY OF FIT. COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- 2. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSERS
- 3. INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING AND THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEERS.
- 4. ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
- 5. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE. (SEE
- 6. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA,
- 7. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURERS' RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- 8. DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING, AS REQUIRED BY CODES. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN ANYWAY.
- 9. THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- 10. ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.
- 11. ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEERS, UNLESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.
- 12. UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED. COORDINATE WORK WITH ARCHITECT.
- 13. WHERE PENETRATING NEW/EXISTING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATION IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING INSTALLER/ARCHITECT.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, OR OTHER COSTS THAT THE UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEVISION, ETC.)
- 15. COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
- 16. UNLESS OTHERWISE SPECIFIED OR INDICATED, INSTALL LIGHT FIXTURES, SMOKE DETECTORS, SPEAKERS AND OTHER CEILING MOUNTED APPURTENANCES IN THE CEILING IN A SYMMETRICAL PATTERN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
- 17. CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2'X2' CEILING TILE AND INSTALLED CENTERED ON 2' DIMENSION OF 2'X4' TILE AND ON CENTERLINE OR A QUARTER POINT ON 4' DIMENSION, AS INDICATED.
- 18. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- 19. CHECK ALL THREE PHASE MOTORS WITH $\mbox{\o}$ ROTATION METER , PRIOR TO PLACING IN SERVICE.
- 20. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEERS PRIOR TO PURCHASING AND INSTALLING ANY EQUIPMENT.
- 21. DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- 22. THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC.. POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT.
- 23. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.
- 24. WHERE FIRE RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE RATED, APPROVED GYPSUM BOARD ENCLOSURES ABOVE LIGHT FIXTURES , CEILING DEVICES , ETC. IN OR ON CEILING , TO
- 25. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL CASEWORK, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).

- 26. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.
- 27. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.
- 28. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC. OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING. SUPPORTING FROM CROSS BRACING OR ROOF DECK WILL NOT BE ALLOWED.
- 30. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.
- 31. REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT THE ENGINEER FOR DIRECTION PRIOR TO
- 32. FLUSH OR PEDESTAL TYPE FLOOR OUTLETS, AS INDICATED ON PLAN SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.
- 33. AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK, FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO
- 34. WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH
- 35. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORD WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.
- INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY AND THE ARCHITECT, AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED, TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING. IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.
- 37. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.
- 38. WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- 39. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
- 40. REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT FLUORESCENT FIXTURES. ADJUST FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.
- 41. WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD.
- 42. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FURE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE RQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPENCIES OCCUR THE MOST STRINGENT SHALL APPLY.
- ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATION PRIOR TO INSTALLING ANY SUCH
- 44. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.

SYSTEM	ПЕМ	DEVICE MODEL # REFER TO SPECS. IF NOVE LISTED	BACKBOX, COVER F APPLICABLE	MOUNTING HEIGHT (TO BOTTOM OF BOX)	WING SYMBO	SYSTEM	DEVICE MODEL # REFER TO SPECS. IF NOVE LISTED	BACKBOX, COVER IF APPLICABLE	MOUNTING HEIGHT (TO BOTTOM OF BOX)	DRAWING SYMBOL	SYSTEM	ΠΈΜ	DEVICE MODEL # REFER TO SPECS. IF NONE LISTED	BACKBOX, COVER IF APPLICABLE
SWITCHES	LIGHT SWITCH: GENERAL PURPOSE			44"	Ş	DATA/VOICE/VIDE	DATA OUTLET: NUMBER BESIDE OUTLET			2D 3D	SURFACE WIREWAY	THICK "STRAIGHT" LINES INDICATE SURFACE PAINTED STEEL WIREWAY (PAINT		
	PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON) DIMMER SWITCH			44"	Spl Sd		INDICATES NUMBER OF DATA JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED,	1G	1'-6"	∇, ∇, ∇		TO MATCH ADJACENT SURFACES). UTILIZE THE FOLLOWING WIREMOLD (OR EQUAL)		
	THREE-WAY SWITCH			44"	Ş ₃		THERE SHALL BE ONLY ONE DATA JACK. VOICE OUTLET: NUMBER BESIDE OUTLET					SERIES # RACEWAYS FOR THE FOLLOWING APPLICATIONS (U.O.N.) - FOR A 40% MAXIMUM FILL:		
	FOUR-WAY SWITCH			44"	\$4 \$		INDICATES NUMBER OF VOICE JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED,	1G	1'-6"	\bigvee , \bigvee , \bigvee	D - DATA V - VOICE	POWER (MAX. 3 CIRCUITS): #700 POWER (MAX. 9 CIRCUITS): #2100		
	TIMMER SWITCH 0-15 MIN			44	Şĸ Şt		THERE SHALL BE ONLY ONE VOICE JACK. COMBINATION OUTLET: NUMBER BESIDE				T - TELEVISION	DATA/VOICE (MAX. 4 CABLES): #700 DATA/VOICE (MAX. 8 CABLES): #2000		
	MOMENTARY CONTACT SWITCH			44"	Şмc		OUTLET INDICATES NUMBER OF DATA/VOICE JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING, IF NO NUMBER IS	1G	1'-6"	2D/2V/2T		DATA/VOICE (MAX. 10 CABLES): #2100		
	LIGHT SWITCH W/ INTEGRAL INFRARED MOTION SENSOR AND AUTO/MANUAL	NOVITAS #01-290		44"	Şos		INDICATED, THERE SHALL BE ONLY ONE DATA AND ONE VOICE JACK. DATA/VOICE OUTLET IN FLOOR AS NOTED		5.000	, , , , , , , , ,		ABOVE CABLES ARE BASED ON .21" O.D. ON DATA/VOICE CABLE NUMBERS — EACH OUTLET SHALL BE COUNTED AS FOUR		
	ON/OFF OPERATION						TELEVISION/VIDEO SYSTEM OUTLET AND DUPLEX	. 2G	1'-4"	Тт 2Т 3Т		CABLES. SURFACE WREWAY OUTLET BOX FOR		
	FAN SPEED CONTROL SWITCH	AS NOTED		44"	Şf		POWER RECEPTACLE (84" IF WALL BRACKET SHOWN COMMUNICATION ROUGH IN ONLY	1)	 ' 	$\widehat{\Psi},\widehat{\widehat{\Psi}},\widehat{\Psi}$		OUTLET INDICATED OR JUNCTION BOX. OUTLET BOX SHALL BE 2-1/2" DEEP AT		
LIGHTING	PHOTO—CELL AS NOTED FLUORSCENT WALL MOUNT	SEE SCHEDULE		AS NOTED 6'-6"			PROVIDE BLANK COVER PLATE SPEACIAL VIDEO SYSTEM SIGNAL INPUT			▼		A MINIMUM. SURFACE VERTICAL RACEWAY RISER UP		
	2'x2' FLUORSENT TROFFER	SEE SCHEDULE		CEIL.			OUTLET : ABOVE COUNTERTOP		ABV. CNTR.	C w		WALL (OR DOWN IF INDICATED) TO ACCESSABLE CEILING/ATTIC SPACE (UP TO		
SLASHED INDICATES RECESSED. SHADING INDICATES	2'x4' FLUORSCENT TROFFER	SEE SCHEDULE SFF		CEIL.			OUTLET: WALL MOUNTED MAIN DISTRIBUTION FRAME REACK - REFERENCE DA	ATA SYSTEM	4'-0"	"		HORIZONTAL WIREWAY WHERE INDICATED). WHERE SHOWN WITH OUTLET, PROVIDE WITH OUTLET BOX AT BASE OF VERTICAL		
EMERGENCY OPERATION	DOWNLIGHT INDUSTRIAL STRIP FIXTURE	SEE SCHEDULE SEE SCHEDULE		CEIL.	$\bigcup_{\mathbf{l}}$		SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORM / REQUIREMENTS	MATION		MDF		RISER.		
	EXIT LIGHT	SEE SCHEDULE	MINIMUM —— 8'-0''AFF	AS NOTED	❷, ❷		INTERMEDIATE DISTRIBUTION FRAME RACK — REFER SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORM		STEM	IDF	-	SURFACE PLUG-MOLD AS NOTED DUAL SERVICE NONMETALLIC SURFACE MOU		
FIXTURE TO BE UNSWITCHED FOR FOR NIGHT LIGHTING	UNDERCABINET	SEE SCHEDULE SEE		AS NOTED			/ REQUIREMENTS TELECOMMUNICATIONS SYSTEM BACKBOARD.					(WREMOLD #5400 SERIES OR APPROVED E- RACEWAY COMPLETE WITH "IN-LINE" WRINI INDICATED ON FLOOR PLANS. PROVIDE OF	G DEVICES AS	S To
	LINEAR DIRECT/INDIRECT LIGHTING RELAY	SCHEDULE SEE SCHEDULE		AS NOTED	LR		PROVIDE 4'-0"H x 3/4"D FIRE-RETARDENT PLYWOOD BACKBOARD WITH A #6 GROUND TO C.W. LINE AND A 6'-0" PIGTAIL AT			TEL		(TWIN SNAP), ENTRANCE AND END FITTINGS ELBOWS, "TEE'S", ETC. AS REQUIRED FOR	S, TRANSITION COMPLETE	1s, '''
FIXTURE TO BE SWITCHED/UNSWITCHED	EMERGENCY LIGHT BATTERY	CONEDULE		NOTED	ПФ		BOARD.(LENGTH OF BOARD AS INDICATED).					INSTALLATION. ALL 90'BENDS SHALL BE A "FULL CAPACITY RADIUS ELBOWS" (WREMO OR APPROVED EQUAL) COLOR SHALL BE:	LD #5417FO/	/#5418
FOR NIGHT LIGHTING SWITCHED UNS	NOTE: FOR CORRIDOR NIGHT LIGHT WITCHED FIXTURES (SAME AS BI-LEVEL SWITCH W/ 50% NIGHT LIGHT)				Щ	PAGING / CLOCK	DACING SDEAKED (CEILING) ASSEMBLY		CEIL.	\$		ARCITECT AT TIME OF SUBMITTAL FROM MA STANDARDS.		
POWER	SIMPLEX			1'-4"	\ominus		PAGING SPEAKER (CEILING) ASSEMBLY PAGING SPEAKER (CEILING) ASSEMBLY WITH INTEGRAL VOLUME CONTROL		CEIL.	⋄		"IN-LINE" DUPLEX RECEPTACLE - PROVIDE DEVICE IN RACEWAY COMPLETE WITH "TWIN		
OUTLETS	DUPLEX — TAMPER RESISTANT, SHUTTER TYPE			1'-4"	⊖ s		WALL MOUNTED RECESSED PAGING SPEAKER		CEIL.	⊢\$ R		DEVICE BRACKET" (WREMOLD # 5450T OR AND DUPLEX FACEPLATE (WREMOLD #5507	APPROVED E	QUAL),
	DUPLEX (ABOVE COUNTERTOP)			1'-4" 8"	\ominus		WALL MOUNTED PAGING HORN		9'-0"	⊬ŝ⋊		EQUAL). "IN-LINE" DUAL DATA OUTLET - PROVIDE	AND INSTALL	
	DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION			ACT. 1'-4"	Ø— ⊕ GFI		WALL VOLUME CONTROL PAGING MICROPHONE INPUT		1'-4"	 		DEVICE IN RACEWAY COMPLETE WITH "TWIN DEVICE BRACKET" (WREMOLD # 5450T OR	SNAP COVER APPROVED E	R 26 QUAL), TO
	GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER			44"	⊕_ c/s		CALL INITIATION STATION		44"	 		DUAL RJ-45 FACEPLATE WIREMOLD # 5507 EQUAL, AND RJ-45 DATA JACKS AS DESCI 16 SPECIFICATIONS).		
	QUADRUPLEX RECEPTACLE			1'-4"	→ ·		DOUBLE FACE ANALOG CLOCK			P		SURFACE MOUNTED SERVICE ENTRY FOR BO		
	JUNCTION BOX				→		SINGLE FACE ANALOG CLOCK SINGLE - FACE DIGITAL CLOCK ON WALL		_	DC DC		120V POWER (P) — PROVIDE "TEE" (WIREM APPROVED EQUAL) OR "ELBOW" (WIREMOLD APPROVED EQUAL) TO TRANSITION TO VER	# 5411 OR	
	208/10 DRYER RECEPTACLE, NEMA 14-30R	HUBBELL #9430A		44"	\rightleftharpoons		DOUBLE - FACE DIGITAL CLOCK END-MOUNTED ON WALL			H2DC		SURFACE RACEWAY AND EXTEND SURFACE ABOVE ACCESSIBLE CEILING SPACE AND TR	RACEWAY TO ANSITION TO	6"
	208/3ø RECEPTACLE, AS NOTED			1'-4"	=		P.A./ TELE-CENTER/CLOCK SYSTEM RACK			PA-C		CONDUIT WITH "END CAP" (WREMOLD # 54 EQUAL). COORDINATE CUTTING OF LAY-II WITH GENERAL CONTRACTOR AS REQUIRED.		
	DUPLEX - IN KITCHEN (ABOVE FLOOR) DUPLEX - SURGE SUPPRESSOR TYPE			FLOOR	⊕ ⊕ss	LOCAL SOUND AMPLIFICATION	WALL MICRO-PHONE OUTLET: SINGLE WALL MICRO-PHONE OUTLETS (# AS NOTED)		1'-4"	M 2, 3, 4		RECESSED SERVICE ENTRY FOR BOTH DATA POWER (P) — DIVIDED SERVICE ENTRY END		
	WEATHER RESISTANT DUPLEX - WITH LOCKABLE, WEATHER-PROOF, "WHILE IN USE"			24"			FLOOR MICRO-PHONE OUTLET : SINGLE		FLOOR			# 5410DFO OR APPROVED EQUAL) AT END PROVIDE TWO (2) 1-1/4" DATA CONDUIT"	OF RACEWAY "STUB-OUTS"	r. AND
	TYPE DIE—CAST METAL COVER. (INTERMATIC # WP1010MC OR APROVED EQUAL.)			24	₩P		FLOOR MICRO-PHONE OUTLETS (# AS NOTED)		FLOOR	● M2, M3, M4	SECURITY	ONE (1) 1" CONDUIT FEED FOR 120V ELECTION NOTE:	TRICAL POWER	<u>ι. </u>
	2-GANG RECESSED, MULTI-SERVICE FLOOR BOX FOR INSTALLATION IN WOOD FLOORING.						SOUND SPEAKER CAFETERIA SOUND SYSTEM AMPLIFIER		76" TO	SS AMP-C		FEED ALL INTRUSION SYSTEM DEVICES VIA A FLUSH MOUNTED OUTLET BOX W/ 3/4" STUB-OUT TO BRIDLE RING SYSTEM.		
	PROVIDE FLOOR OUTLET WITH LIFT LID FOR OUTLET ACCESS. UNIT SHALL HOUSE ONE DUPLEX OUTLETS, AND ONE MICRO-PHONE			FLOOR	<u> </u> ▼		GYMNASIUM SOUND SYSTEM AMPLIFIER		76" TO TOP	AMP-G		PROVIDE INSULATED THROAT BUSHING ON STUB-OUT. PULL DEVICE CABLE THROUGH		
	OUTLET. FLOOR BOX SHALL BE WALKER # 880W2-827B- 828R/828GFI(MIC) OR APPROVED EQUAL. PROVIDE COMPLETE WITH					FIRE ALARM	MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)		6'-6" TO TOP	FACP		RINGS BACK TO CONTROL PANELS. SEE DETAILS OF CONTROL PANELS. ALL SECURITY SYSTEM CABLING AND DEVICE LOCATIONS SHALL BE VERIFIED WITH THE		
	BRASS FLANGE AND NECESSARY ACCESSORIES.						PULL STATION : DOUBLE ACTION		44" TO LEVER	E C		OWNER PRIOR TO ROUGH-IN WORK. NEW CEILING MOUNTED INTRUSION		
	DUPLEX RECEPTACLE IN FLOOR				⊙ _₽		HORN / 110 CD STROBE HORN UNIT ONLY					DETECTOR. LOCATED AT LEAST 24" AWAY FROM ANY AIR DIFFUSER. (DETECTION SYSTEMS #DS9360)		
MISC.	QUAD RECEPTACLE IN FLOOR CONDUIT CONCEALED IN WALLS OR IN				QP —GROUND		110 CD STROBE UNIT ONLY			s •		KEYPAD STATION. FLUSH-MOUNTED WITH CENTERLINE AT 54" AFF - (ARITECH		
	ABOVE CEILING: ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS				- NEUTRAL 		PHOTO-ELECTRIC SMOKE DETECTOR PHOTO-ELECTRIC SMOKE DETECTOR/HEAT DETECTOR FOR ELEVATOR CONTROL.		CEIL.	SD EL HD EL		Z1100R KEYPAD — SEE SPECIFICATIONS) CARD READER		
	-				//\		HEAT DETECTOR		CEIL.	HD		DOOR ALARM CONTACT SWITCH		
	DASHED LINES INDICATED CONDUIT SHALL BE ROUTED UNDERSLAB OR AS OTHERWISE NOTED. (SEE SPECIFICATIONS FOR DETAILS)				/-\		HEAT DETECTOR: 200° - RATE OF RISE CEILING SPEAKER WITH FIRE LABEL		CEIL.	HD ²⁰⁰		NEW CEILING MOUNTED "DOME" TYPE		
	DISCONNECT SWITCH			5'-0"			DOOR HOLDER : WALL TYPE		7'-0"	머		CCTV. CAMERA SHALL BE STANDARD RESOLUTION B & W CAMERA WITH "SMOKED DOME" (PELCO #CS150 OR		
	MAGNETIC STARTER			5'-0"			DOOR HOLDER : CLOSURE TYPE DUCT SMOKE DETECTOR		ABV DOOR BY	BD C		APPROVED EQUAL) —— NEW CAMERAS TO BE CONNECTED TO "SPARE" INPUTS ON EXISTING PELCO MULTIPLEXER.		
	MAGNETIC COMBINATION STARTER ENCLOSED FLUSH MTD CIRCUIT BREAKER			5'-0" 5'-0"			CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE		MECH. AS REQ'D	DD FS		PROVIDE NEW CABLING, POWER SUPPLIES, ETC TO ADD TO EXISTING CCTV SYSTEM.		
	PUSHBUTTON STATION			44"	•		CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE		AS REQ'D	er er				
	FLEXIBLE CONDUIT (SEE SPECIFICATIONS FOR TYPES PERMITTED)				\sim		PRESSURE SWITCH POST INDICATOR VALVE			PS				
	NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED			76" TO TOD			REMOTE L.C.D. FIRE ALARM ANNUNCIATOR		6'-6" TO TOP	FLOOR O	O" ABOVE R 6" BELOW			
	TRANSFORMER			AS NOTED			ADA STROBE LIGHT WITH "FIRE" LABEL REMOTE "CRT" COMMAND CRT/KEYBD STATION PRINTER		8" ACT.	CRT CEILING (WHICHEVER).			
	MANUAL MOTOR STARTER STARTER SWITCH	SQUARE-"D" CLASS 2510		AS NOTED	Ş M		REMOTE REPORTING TELEPHONE DIALER		AS REQ'D	▣				
	EMERGENCY POWER CIRCUIT				— E —		INDICATES NEW DEVICE IN EXISTING LOCATION FLUSH - MOUNTED REMOTE ALARM			EX.				
	TAGGED NOTE				\bigcirc		INDICATING STATION "WG" INDICATES DEVICE SHALL BE PROVIDED W/ WIRE GUARD			WG				
	3/4" EMT CONDUIT (U.O.N.) STUB UP ABOVE SUSPENDED CEILING (SEE DETAILS)				5 -		THOUSE NY MILE SOME			l				
	MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)		AC	AS	$\overline{}$									
	TERMINAL CABINET SURFACE		AS NOTED	AS NOTED	0 -									
	OR FLUSH MOUNTED AS NOTED													
	CABLE TRAY AS NOTED BRIDLE RING/ HOOK CABLE PATH	SEE DETAILS SEE DETAILS		AS SHOWN										
	DOORBELL PUSHBUTTON (NU-TONE)	DETAILS AS NOTED		44"	DB									
	DOORBELL AUDIO/VISUAL (NU-TONE) EQUIPMENT HARDWIRE CONNECTION	AS NOTED	_	8'-0"	DBD									
	(SEE DETAIL) EQUIPMENT OUTLET COUPLING				⊙∿ k	DA OVOTE	M GENERAL NOTE:				SYSTEMS FOLI	IPMENT TERMINAL POINT NOTE :		
	CONNECTION (SEE DETAIL) REVISION NOTE				$\tilde{\triangle}$		STING PA SYSTEM IS TO BE REPLACED UNDER E	BASE RID F	XISTING		• AT ALL	SYSTEMS EQUIPMENT CABINET/TERMINAL	BOARD LOC	CATIONS (
	INTERCOM/VIDEO REMOTE STATION (AIPHONE)	NOILD		44"	ic 	SP CA	EAKERS SHALL BE REUSED AS INDICATED THROU BLING/REWORK EXISTING CABLING AS REQUIRED	JGHOUT, EXTE TO RECONNE	END NEW CT EXIST		AS INDI NUMBER	CATED ON ELECTRICAL DRAWINGS, CONTR R OF CONDUIT STUB—OUTS TO CABLE PA	ACTOR SHAITHS AS REQ	LL PROVIDÈ QUIRED FOR
ABBREVIATIONS	INTERCOM/VIDEO MASTER STATION (AIPHONE) UNLESS OTHERWISE NOTED	AS NOTED			UON UON	SP SH	EAKERS AS WELL AS NEW SPEAKERS TO NEW PA ALL REMOVE, REINSTALL, AND RECONNECT SPEA ERE CEILINGS ARE NOTED TO BE REPLACED ON	A SYSTEM. (KERS IN NEW	CONTRAC CEILING	TOR TILES		ATE CONDUITS AT CABINETS/ON BACKBO/ REQUIREMENTS WITH CABLING INSTALLATION		
ADDIEVIA I ICHO	OWNER FURNISHED CONTRACTOR INSTALLED				OFCI		SYSTEM GENERAL NOTE:	THE AROUNTE	LOTORAL	, EMI 40 ,	VOICE/DATA S	YSTEMS GENERAL NOTE:		
	OWNER FURNISHED OWNER INSTALLED CONTRACTOR FURNISHED		_		OFOI		STSTEM GENERAL NOTE: STING SECURITY SYSTEM IS TO REMAIN AS INDIC	CATED CONT	TRACTOR	SHALL	CONTRA	G VOICE/DATA CABLING IS TO REMAIN UN CTOR SHALL BE RESPONSIBLE FOR REWO	RKING EXIST	TING CABLI
	CONTRACTOR FURNISHED CONTRACTOR INSTALLED CONTRACTOR FURNISHED	 		\vdash	CFCI	BE	RESPONSIBLE FOR REWORKING EXISTING CABLING	G, ETC. TO F	ACILITATE	<u> </u>		ILITATE CONSTRUCTION. REWORK EXISTIN CONFLICT WITH NEW CONSTRUCTION, DUCT		

BE RESPONSIBLE FOR REWORKING EXISTING CABLING, ETC. TO FACILITATE CONSTRUCTION. CONTRACTOR SHALL REMOVE, REINSTALL, AND RECONNECT EXISTING SECURITY SYSTEM DEVICES (MOTION SENSORS, ETC.) IN NEW CEILING TILES WHERE CEILINGS ARE NOTED TO BE REPLACED ON THE ARCHITECTURAL

CCTV SYSTEM GENERAL NOTE:

CFOI

INDICATES EMERGENCY POWER

EXISTING CCTV SYSTEM IS TO REMAIN (RELOCATED) AS INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR REWORKING EXISTING CABLING, ETC. TO FACILITATE CONSTRUCTION. CONTRACTOR SHALL REMOVE, REINSTALL, AND RECONNECT ALL CCTV SYSTEM COMPONENTS (CCTV CAMERAS, ETC) IN NEW CEILING TILES WHERE CEILINGS ARE NOTED TO BE REPLACED ON THE ARCHITECTURAL PLANS.

BOARD LOCATIONS (EQUIP) ACTOR SHALL PROVIDÈ SIZE AND HS AS REQUIRED FOR CABLING ARDS AS REQUIRED. COORDINATE ON PRIOR TO CONSTRUCTION.

TOP OF

RACEWAY

(CC) CCTV CAMERA

CM CCTV MONITOR

RACEWA'

ESS INDICATED OTHERWISE KING EXISTING CABLING, ETC. TO FACILITATE CONSTRUCTION. REWORK EXISTING CABLING AS REQUIRED TO AVOID CONFLICT WITH NEW CONSTRUCTION, DUCTWORK, PIPING, EQUIPMENT, ETC.

GENERAL NOTE:

THIS CONTRACTOR MUST REFER TO DIVISION 1 SPECIFICATIONS FOR ALLOWANCES THAT MUST BE INCLUDED BY THIS CONTRACTOR.



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NELSON THOMAS PHASE III

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GENERAL NEW WORK NOTES (LIGHTING):

ELECTRICAL DEVICES.

THIS REQUIREMENT.

LEFT HAND LAMPS.

COMPLETION OF CONSTRUCTION.

TAGGED NOTES:

CONDUCTOR) SHALL NOT BE PERMITTED.

BOXES WITH PANEL AND CIRCUIT NUMBER.

BE CONNECTED TO AN UNSWITCHED LINE.

CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED

THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ÄNNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL

ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK

OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL

LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO MARK INSIDES OF ALL DEVICE

DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS

INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.

CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND

CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER

RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED

EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

PROVIDE NUMBER OF CIRCUITS INDICATED TO THEATRICAL DIMMING PANEL AS

SHALL ROUTE NO MORE THAN (3) CIRCUITS IN ONE CONDUIT. REFER TO

INDICATED. CONTRACTOR SHALL PROVIDE #10 CONDUCTORS AND GROUNDS IN 3/4" CONDUITS TO DIMMING PANEL. CONTRACTOR SHALL PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR EACH CIRCUIT AS REQUIRED BY N.E.C. CONTRACTOR

THEATRICAL DIMMING SCHEDULE, SPECS AND DETAILS FOR FURTHER REQUIREMENTS

EQUIPMENT (CURTAINS, THEATRICAL LIGHTS, RIGGING, ETC.) PRIOR TO ROUGH-IN. ENSURE LOCATION AND ELEVATION TO MAXIMIZE FLUORESCENT LIGHTING ON STAGE

INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT

HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT

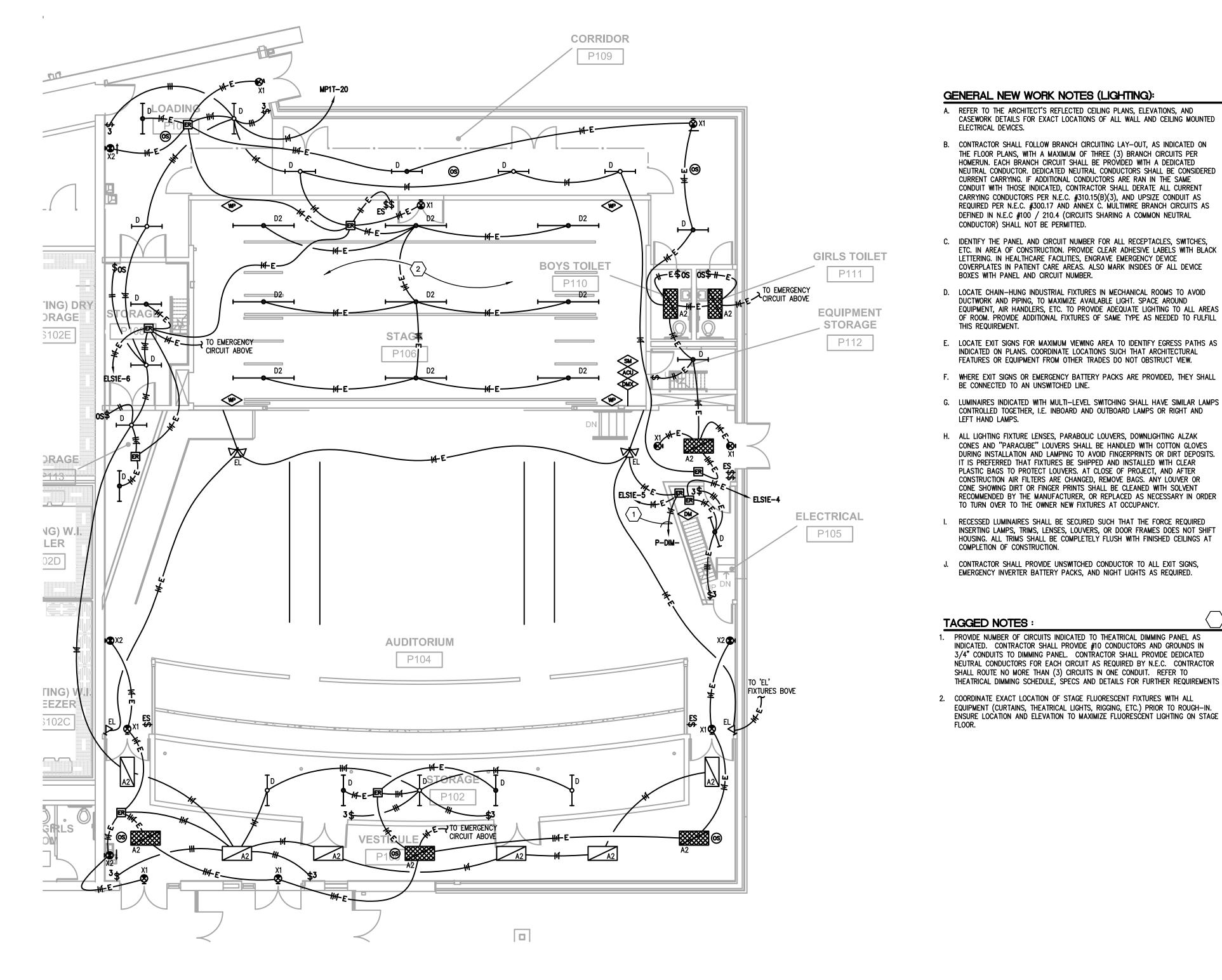
TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

NELSON

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THEATRICAL LIGHTING EQUIPMENT LEGEND

ARCHITECTURE CONTROL UNIT. | SEE SPECS.

DESCRIPTION

SEE SPECS.

FRONT STAGE LIGHTING.

FIRST ELECTRIC LIGHTING.

SECOND ELECTRIC LIGHTING.

THIRD ELECTRIC LIGHTING.

ENTRY SWITCH.

FOURTH ELECTRIC LIGHTING.

TAGE MANAGER PANEL.

12 BUTTON, 7 FADE UNIT.

CONTROL STATION OUTLET.

CONTROL CONSOLE.

LIGHTING DIMMER RACK.

STAGE WALL POCKET

FS

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⟨2E⟩

⟨3E⟩

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SECOND FLOOR PLAN - LIGHTING

Scale: 1/8" = 1'-0"

GENERAL NEW WORK NOTES (LIGHTING):

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ÄNNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.
- E. LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.
- F. WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- G. LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.
- H. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
- RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.
- J. CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

TAGGED NOTES:



PROVIDE NUMBER OF CIRCUITS INDICATED TO THEATRICAL DIMMING PANEL AS INDICATED. CONTRACTOR SHALL PROVIDE #10 CONDUCTORS AND GROUNDS IN 3/4" CONDUITS TO DIMMING PANEL. CONTRACTOR SHALL PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR EACH CIRCUIT AS REQUIRED BY N.E.C. CONTRACTOR SHALL ROUTE NO MORE THAN (3) CIRCUITS IN ONE CONDUIT. REFER TO THEATRICAL DIMMING SCHEDULE, SPECS AND DETAILS FOR FURTHER REQUIREMENTS

2. MOUNT LIGHT SWITCH AT ENTRANCE TO CATWALK. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH CATWALK STEEL DRAWINGS.

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A FIRST FLOOR PLAN - POWER/SYSTEMS

Scale: 1/8" = 1'-0"

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTORS. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).
- E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.
- F. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.
- G. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.
- H. CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

TAGGED NOTES :

- I NFMA-1
- PROVIDE NEW 250V/400A/3P FUSIBLE DISCONNECT FUSED AT 400A IN NEMA-1 ENCLOSURE FOR SECONDARY PROTECTION OF "T-DIM". REFER TO RISER FOR FURTHER REQUIREMENTS.
- 2. PROVIDE 120V CONNECTION TO MOTORIZED SCREEN LOCATED AT PROCENIUM OPENING. PROVIDE CONNECTION TO CONTROL SWITCH LOCATED AS INDICATED. COORDINATE EXACT CONNECTION LOCATION AND SWITCH REQUIREMENTS WITH EQUIPMENT SHOP DRAWINGS.
- 3. PROVIDE 120V ROUGH-IN AND NETWORK DROP FOR OWNER PROVIDED PROJECTOR.
- 4. EXISTING FIRE ALARM HORN/STROBE SHALL BE RELOCATED TO LOCATION INDICATED FOR CUTTING IN OF NEW DOOR.

egel Parkway, Louisville, KY 40299

Aceting Street, 3258 F. Kentucky 40059 Ss. f 502 326.2691

NELSON COUNTY SCHOOL DISTRICT 288 WILDCAT LANE BARDSTOWN, KENTUCKY 40004

NOON STOLETAN SWOT STORY

NELSON COUNTY SCHOOLS – WES
THOMAS NELSON H.S.
PHASE III

BG 15-229

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SECOND FLOOR PLAN - POWER/SYSTEMS

Scale: 1/8" = 1'-0"

GENERAL NEW WORK NOTES (POWER):

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).
- E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.
- F. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.
- G. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.
- H. CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

TAGGED NOTES :



- PROVIDE 60A/600V/3P FUSIBLE DISCONNECT SWITCH WITH NEMA 1 ENCLOSURE FUSED AT EQUIPMENT NAMEPLATE RATING FOR CONNECTION TO NEW EQUIPMENT AS INDICATED. COORDINATE EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING.
- 2. PROVIDE 30A/600V/3P COMBINATION STARTER / DISCONNECT SWITCH IN A NEMA-1 ENCLOSURE WITH DISCONNECT SWITCH FUSED AT EQUIPMENT NAMEPLATE RATING. PROVIDE A FULL VOLTAGE, NON-REVERSING STARTER. PROVIDE STARTER WITH LOW VOLTAGE PROTECTION, SOLID STATE OVERLOADS, INDIVIDUAL CONTROL TRANSFORMER (208V-120V), H.O.A. SELECTOR SWITCH, AND RED & GREEN PILOT LIGHTS. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING.
- 3. PROVIDE RECEPTACLE AT LOCATION INDICATED ON CATWALK. COORDINATE EXACT MOUTING LOCATION AND REQUIREMENTS WITH STRUCTURAL PLANS.



Julio Kreiner architects gel Parkway, Louisville, KY 40299

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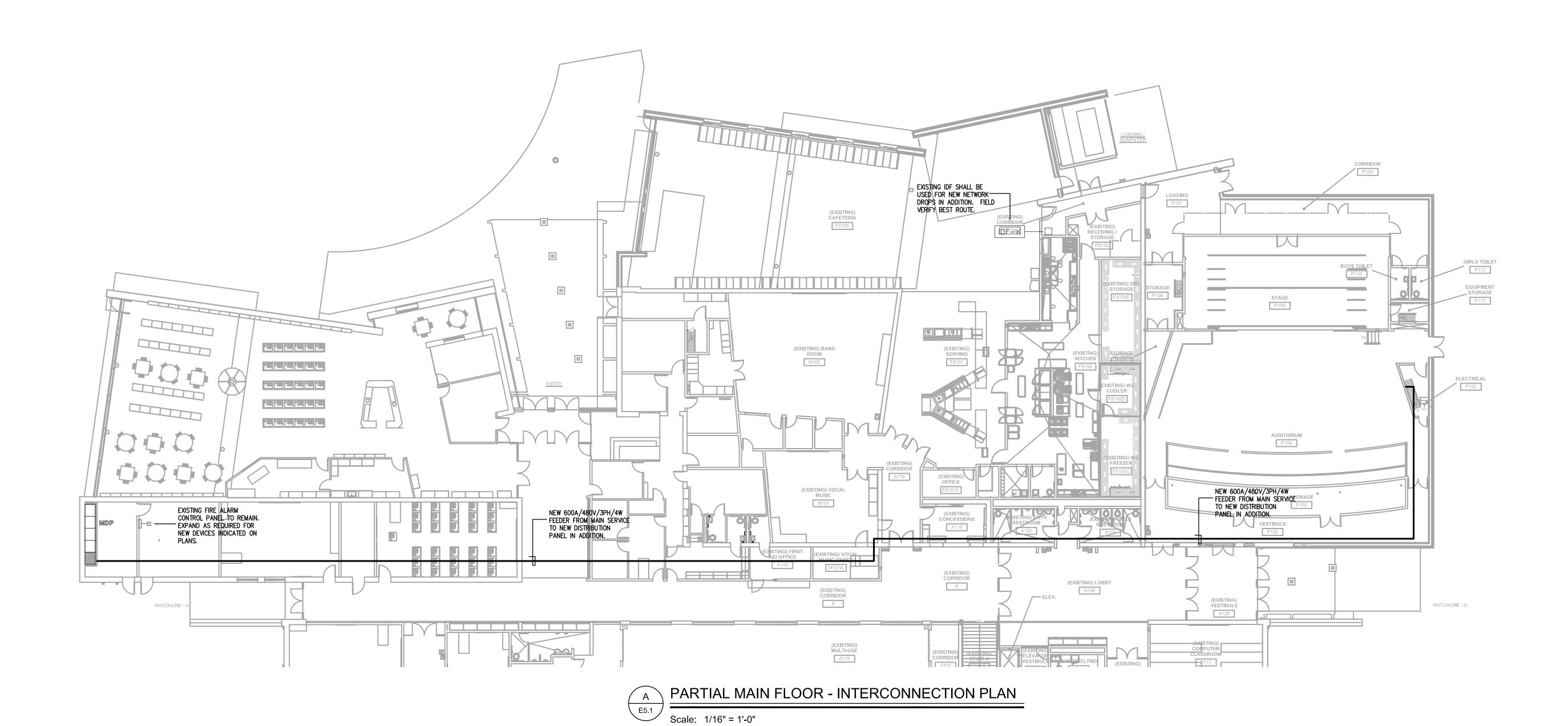
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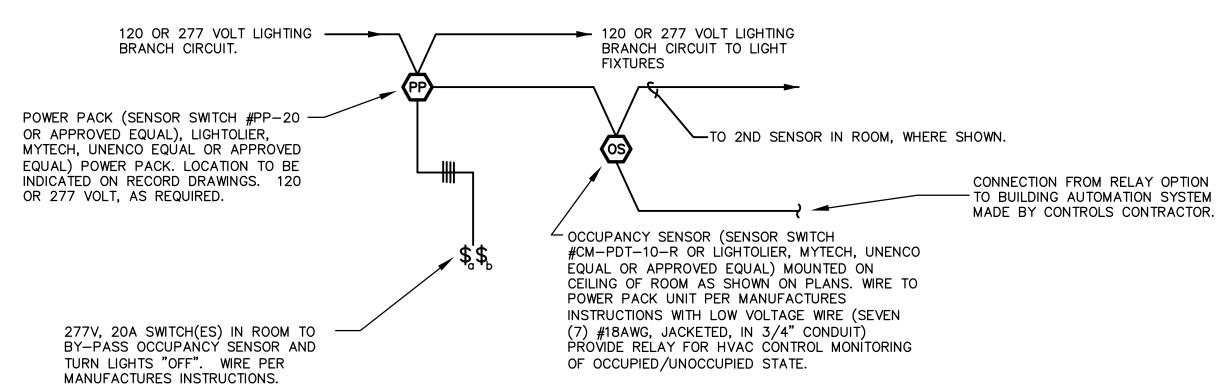
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LIGHT FIXTURE SCHEDULE GENERAL NOTES:

- ALL LIGHT FIXTURES SHALL BE UL LISTED.
- REFERENCE SPECIFICATION SECTION 265113 FOR ADDITIONAL REQUIREMENTS.
- ALL BIDDERS, INCLUDING THOSE SPECIFIED AND MANUFACTURERS LISTED AS "EQUAL", SHALL SUBMIT PRODUCT CUTSHEETS TO THE ENGINEER TEN (10) DAYS PRIOR TO BID FOR FINAL WRITTEN APPROVAL. "EQUAL" FIXTURES SHALL BE OF EQUAL OR BETTER QUALITY AND PERFORMANCE TO THE SPECIFIED FIXTURE. BURDEN OF PROOF SHALL BE ON THE MANUFACTURER AND SHALL PROVIDE WORKING 120 VOLT SAMPLE WITH CORD AND PLUG AT THE REQUEST OF THE ENGINEER.
- MANUFACTURERS/VENDORS WISHING TO BID SUBSTITUTE FIXTURES OTHER THAN THOSE LISTED ON THE LIGHT FIXTURE SCHEDULE, SHALL SUBMIT CUTSHEETS AS REQUIRED PER SPECIFICATION SECTION 265113 AND AT THE REQUEST OF THE ENGINEER PROVIDE FACTORY POINT—BY—POINT CALCULATIONS USING AGI32 AND PROVIDE ELECTRONIC .AGI FILE TEN (10) DAYS PRIOR TO BID FOR WRITTEN APPROVAL. BURDEN OF PROOF SHALL BE ON THE MANUFACTURER AND SHALL PROVIDE WORKING 120 VOLT SAMPLE OF EACH SUBSTITUTE FIXTURE WITH CORD AND PLUG AT THE REQUEST OF THE ENGINEER.
- ALL FLUORESCENT, COMPACT FLUORESCENT AND CERAMIC METAL HALIDE LAMPS SHALL HAVE A CRI GREATER THAN 80. ALL LAMPS OF A GIVEN TYPE (LINEAR FLUORESCENT, COMPACT FLUORESCENT, CERAMIC METAL HALIDE, HALOGEN, ETC.) SHALL BE FROM THE SAME MANUFACTURER. ANY DISCOLORED LAMPS SHALL BE REPLACED WITH NEW UNTIL SATISFACTORY COLOR IS ACHIEVED. ALL F54T5HO LAMPS SHALL HAVE AN INITIAL LUMEN PACKAGE OF 5000 OR GREATER AND RATED AVERAGE LIFE OF 20,000 HOURS. ALL F32T8 LAMPS SHALL BE "SUPER T8" WITH 3100 MINIMUM INITIAL LUMENS, 3000 MINIMUM DESIGN LUMENS AND RATED AVERAGE LIFE OF 36,000 HOURS.
- CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTORS TO ALL EMERGENCY LIGHTS, NIGHT LIGHTS, ETC. AS REQUIRED.
- WHERE LIGHT FIXTURES ARE SHOWN SPLIT—WIRED (HALF EMERGENCY POWER/ HALF NORMAL POWER) ON FLOOR PLANS, LIGHT FIXTURES SHALL BE PROVIDED WITH MULTIPLE ELECTRONIC BALLASTS FOR MULTIPLE POWER CIRCUITS AS INDICATED ON FLOOR PLANS.
- PROVIDE BALLASTS FOR FIXTURE LAMP SWITCHING AS INDICATED ON LIGHTING FLOOR PLANS.
- CONTRACTOR SHALL FOCUS, AIM AND ADJUST LIGHT FIXTURES UNDER THE SUPERVISION AND DIRECTION OF THE ENGINEER AND ARCHITECT. ALLOW LABOR FOR FINAL FOCUS AND ADJUSTMENTS AFTER DARK. LIFTS AND SCAFFOLDING SHALL BE AVAILABLE.

- LIGHT FIXTURE ALLOWANCES DO NOT INCLUDE LAMPS, LABOR FOR INSTALLATION OR REQUIRED SUPPORTS TO INSTALL FIXTURES. CONTRACTOR SHALL INCLUDE LAMPS, LABOR AND SUPPORTS REQUIRED FOR INSTALLATION IN BASE BID. CONTRACTOR SHALL INCLUDE ALLOWANCE PRICE IN BASE BID.
- CONFIRM ALL FINISHES AND MOUNTING HEIGHTS WITH ARCHITECT DURING SHOP DRAWING REVIEW. PROVIDE CUSTOM, FACTORY CUT STEM LENGTHS AS REQUIRED.
- REFER TO DRAWINGS FOR MOUNTING REQUIREMENTS, NUMBER OF FACES AND ARROWS (CHEVRONS) FOR ALL EXIT SIGNS.
- EXTERIOR FLUORESCENT FIXTURES SHALL BE PROVIDED WITH 0° BALLASTS.
- CONTRACTOR SHALL VERIFY CEILING TYPES PRIOR TO ORDERING FIXTURE AND PROVIDE FIXTURES APPROPRIATE TO THE ACTUAL CONDITION. THIS IS TO INCLUDE SPECIFIC TYPE OF LAY-IN CEILING GRID.
- ALL FIXTURES WITH BALLASTS AND LOW-VOLTAGE TRANSFORMERS INCLUDING FLUORESCENT, COMPACT FLUORESCENT AND CERAMIC METAL HALIDE TYPES SHALL HAVE INTERNAL FAST-BLOW FUSING.
- BALLASTS SHALL BE MANUFACTURED BY ADVANCED, SYLVANIA OR GE AND SHALL BE COMPATIBLE AND TESTED WITH LAMP(S). IF LAMP AND BALLAST COMBINATION HAS A SIGNIFICANT AMOUNT OF FAILURE DUE TO LAMP AND BALLAST COMBINATION, THE CONTRACTOR SHALL REPLACE ALL OF THE LAMPS AND BALLASTS HAVING THE FAILURE IN WHOLE.
- ALL LIGHT FIXTURES, INCLUDING PENDANTS AND DOWNLIGHTS, SHALL HAVE A "MAXIMUM WATTAGE LABEL" AFFIXED TO EACH FIXTURE BY THE MANUFACTURERS FACTORY. MAXIMUM WATTAGE TO BE BASED ON THE SPECIFIED LAMP(S) FROM THE LIGHT FIXTURE SCHEDULE.
- LINEAR FLUORESCENT AND COMPACT FLUORESCENT LIGHT FIXTURES SHALL BE PROVIDED WITH ONE OF THE FOLLOWING LAMP AND BALLAST COMBINATIONS:
 1. SYLVANIA LAMP(S)/SYLVANIA BALLAST(S)
- PHILIPS LAMP(S)/ADVANCE BALLAST(S)
 GE LAMP(S)/GE BALLAST(S)
- LAMP AND BALLAST COMBINATIONS SHALL HAVE AN UNCONDITIONAL 5 YEAR COMBINATION LAMP AND BALLAST SYSTEM WARRANTY.
- ALL LAY-IN FIXTURES SHALL BE PROVIDED WITH SCREW ON HOLD DOWN CLIPS, AND MAX. 6'-0" LONG 1/2" FLEXIBLE CONDUIT WHIPS WITH TWO #12 AND #12 GROUND.
- SPARE LAMPS: CONTRACTOR SHALL FURNISH TO THE OWNER AT COMPLETION 10% OF EACH LAMP TYPE WITH A MINIMUM OF 5 OF EACH LAMP TYPE.
- <u>SPARE BALLASTS:</u> CONTRACTOR SHALL FURNISH TO THE OWNER AT COMPLETION 3% OF EACH FLUORESCENT BALLAST WITH A MINIMUM OF 5 OF EACH TYPE.



GENERAL NOTES

VERIFY ALL WIRING REQUIREMENTS WITH MANUFACTURER OF OCCUPANCY SENSOR PRIOR TO ROUGH-IN. THIS DIAGRAM IS MEANT TO BE ILLUSTRATIVE ONLY.

ALL POWER PACKS TO BE LOCATED IN CONCEALED LOCATIONS ABOVE ACCESSIBLE CEILINGS.

ALL UNITS TO BE DUAL TECHNOLOGY (INFRARED/SONIC) WITH POWER PACKS.

TYPICAL OF ALL OCCUPANCY SENSORS USED IN NON DAYLIT SPACES.



TYPICAL CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL WIRING DIAGRAM

Scale: NONE

LIGHT FIXTURE SCHEDULE:

TYPE	DESCRIPTION	MODEL	LAMPS	REMARKS	VOLTAGE
A2	RECESSED 2-LAMP, 2'X4' FLUORESCENT TROFFER WITH 0.125" PATTERN #12 ACRYLIC LENS, SPRING LOADED LATCHES AND REGRESSED EXTRUDED ALUMINUM DOOR FRAME FOR INSTALLATION IN SUSPENDED GRID CEILING.	LITHONIA # 2SP G 2 32 RW A12125 277 GLR LATC METALUX # 2GC8RA232A125277GL LIGHTOLIER # SPS2GRA232277/*/GLR	(2) "SUPER" F32T8/841	PROVIDE ELECTRONIC, PROGRAMMED START, 2-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 0.88/0.89, MINIMUM BALLAST EFFICIENCY FACTOR (BEF) OF 1.56 AND MAXIMUM INPUT OF 57 WATTS.	277V
А3	RECESSED 3-LAMP, 2'X4' FLUORESCENT TROFFER WITH 0.125" PATTERN #12 ACRYLIC LENS, SPRING LOADED LATCHES AND REGRESSED EXTRUDED ALUMINUM DOOR FRAME FOR INSTALLATION IN SUSPENDED GRID CEILING.	LITHONIA # 2SP G 3 32 RW A12125 277 GLR LATC METALUX # 2GC8RA332A125277GL LIGHTOLIER # SPS2GRAVI332277/*/GLR	(3) "SUPER" F32T8/841	PROVIDE ELECTRONIC, PROGRAMMED START, 3-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 0.88/0.89, MINIMUM BALLAST EFFICIENCY FACTOR (BEF) OF 1.04 AND MAXIMUM INPUT OF 85 WATTS.	277V
В	SUSPENDED LINEAR FLUORESCENT FIXTURE WITH EXTRUDED ALUMINUM HOUSING, SEMI—SPECULAR PARABOLIC LOUVER, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	PAL # TRS02 O XX CT TP4 PB3 COOPER # TBWB2T51C277AC48STLENGTH LIGHTOLIER #EG22GRP/*/2/W	(2) F54T5H0/841 PER 4' SECTION	PROVIDE ELECTRONIC PROGRAMMED START 2-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 1.0, MINIMUM BALLAST EFFICIENCY FACTOR (BEF) OF 0.85 AND MAXIMUM INPUT OF 117 WATTS.	277V
BD	SAME AS FIXTURE TYPE "B" WITH AD	ANCE MARK 7 DIMMING BALLAST.			
С	RECESSED 1-LAMP, 1'X4' FLUORESCENT TROFFER WITH 0.125" PATTERN #12 ACRYLIC LENS AND REGRESSED EXTRUDED ALUMINUM DOOR FRAME FOR INSTALLATION IN SUSPENDED GRID CEILING	LITHONIA # SP G B 1 32 RW A12125 GLR METALUX # GC8 RA 132 A125 277/*/GL LIGHTOLIER # SPS2GRAVI132277/*/GLR	(1) "SUPER" F32T8/841	PROVIDE ELECTRONIC, PROGRAMMED START, 1-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 0.88/0.89.	277V
D	2 LAMP, FLUORESCENT, INDUSTRIAL WITH DIE FORMED STEEL HOUSING, 10% UPLIGHT, CHAIN HANGER, AND WIRE GUARD.	LITHONIA # 2EJA 2 32 WG GLR METALUX # IAF232277/*/WG CHAINSET4FTU/GL LIGHTOLIER # KW4A232UNV/*/GLR/AWG4W CSP/AH5/CSP	(2) "SUPER" F32T8/841	PROVIDE ELECTRONIC, PROGRAMMED START, 2-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 0.88/0.89, MINIMUM BALLAST EFFICIENCY FACTOR (BEF) OF 1.56 AND MAXIMUM INPUT OF 57 WATTS.	277V
D2	SAME AS TYPE "D" EXCEPT 8' IN LENGTH WITH 2 LAMPS PER 4' SECTION.	LITHONIA # TEJA 4 32 WG GLR METALUX # IAF232277/*/WG CHAINSET4FTU/GL LIGHTOLIER # KW4A232UNV/*/GLR/AWG4W CSP/AH5/CSP	(4) "SUPER" F32T8/841	PROVIDE ELECTRONIC, PROGRAMMED START, 2-LAMP BALLAST WITH LESS THAN 10% THD, BALLAST FACTOR (BF) OF 0.88/0.89, MINIMUM BALLAST EFFICIENCY FACTOR (BEF) OF 1.56 AND MAXIMUM INPUT OF 57 WATTS.	277V
EL	HIGH OUTPUT, ADJUSTABLE LED SPOT LIGHT WITH DIE CAST ALUMINUM HOUSING, ADJUSTABLE 180 DEGREE TILT AND 41 DEGREE SPREAD LENS.	PHILLIPS EW BURST APPROVED EQUAL	LAMPS INCLUDED		UNV
L	RECESSED 1-LAMP COMPACT FLUORESCENT DOWNLIGHT WITH 8" APERTURE, CLEAR SPECULAR REFLECTOR AND SELF FLANGED MATTE WHITE TRIM	GOTHAM # AF 1/32TRT 8AR 277 GLR TRW PORTFOLIO # C7141/*/7151LIWF/HB26 CALCULITE # 8037CLW/S7142BU/F/1951	(1) 32TRT/841	PROVIDE ELECTRONIC, PROGRAMMED START, 1-LAMP BALLAST WITH LESS THAN 10% THD, AND BALLAST FACTOR (BF) OF 1.0.	277V
L3	RECESSED 2-LAMP COMPACT FLUORESCENT DOWNLIGHT WITH 8" APERTURE, WHITE TRIM, TEMPERED PRISMATIC LENS AND DAMP LOCATION LISTING.	GOTHAM # AF 2/32TRT 8AR 277 GLR TRW PORTFOLIO # C7142/*/7151LIWF/HB26 CALCULITE # 8039CLW/S8242BU/F/ 1951	(2) 32TRT/841	PROVIDE ELECTRONIC, PROGRAMMED START, 2-LAMP BALLAST WITH LESS THAN 10% THD, AND BALLAST FACTOR (BF) OF 1.0.	277V
W	EXTERIOR WALL PACK WITH DIE CAST ALUMINUM HOUSING, SPECULAR ANODIZED ALUMINUM REFLECTOR AND BOROSILICATE SEALED AND GASKETED GLASS LENS	LITHONIA # TWH/350M COOPER # MPWL350MTLL LIGHTOLIER # EQUAL	(1) 350W MH PULSE START	PROVIDE SUPER CWA PULSE START BALLAST. FINISH FOR LIGHT FIXTURE AS SELECTED BY ARCHITECT.	277V
Y	EXTERIOR WALL MOUNTED COMPACT FLUORESCENT FIXTURE WITH DIE CAST ALUMINUM HOUSING, FULLY GASKETED DIE CAST DOOR FRAME AND MEDIUM THROW DISTRIBUTION.	LITHONIA # WST/2/32TRT/MD COOPER # PLIPT64277V LIGHTOLIER # EQUAL	(2) 32TRT/841	PROVIDE ELECTRONIC, PROGRAMMED START, 2-LAMP BALLAST WITH LESS THAN 10% THD, AND BALLAST FACTOR (BF) OF 1.0.	277V
X1	DIE CAST ALUMINUM EXIT SIGN WITH WHITE HOUSING RED LED PANEL, UNIVERSAL MOUNTING AND	LITHONIA # LESW1R SURE-LITE # CAX610000RW	LED	PROVIDE RED LETTERING ON CLEAR FACE. INSTALL WALL MOUNTED EXIT SIGNS AT 8'-0" AFF TO BOTTOM OF	277V





studio kremer arcmiects

3258 Ruckriegel Parkway, L



JELSON COUNTY SCHOOL DISTRICT 288 WILDCAT LANE BARDSTOWN, KENTUCKY 40004

ELECTRICAL SCHEDULES AND DETAINESON COUNTY SCHOOLS – WEST CAMPUS
THOMAS NELSON H.S.
PHASE III

BG 15-229

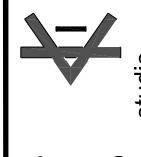
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PHASE - 3

⊏5. I



TY SCHOOL DISTRICT ILDCAT LANE , KENTUCKY 40004 COUNTY 288 WILI STOWN, I BARDS

NELSON NELSON COUI
THOMAS
PHASE III

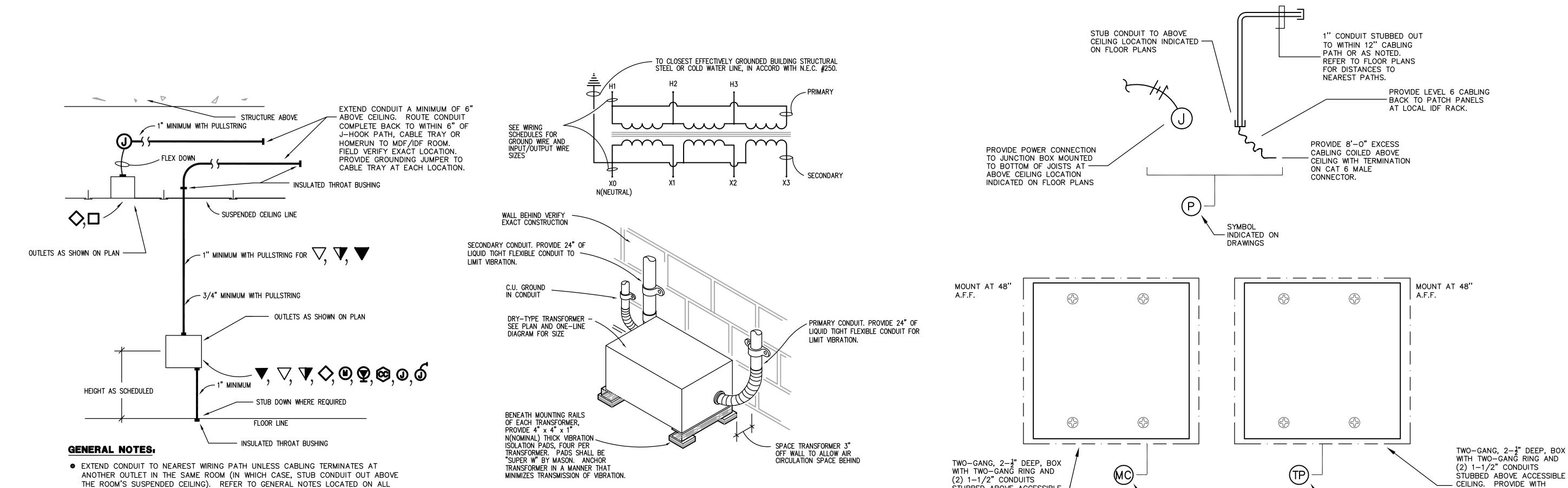
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NOTE: ALL FLOOR - MOUNTED TRANSFORMERS

CONCRETE PAD.

SHALL HAVE A 4" HIGH REINFORCED

CABLING SHALL MEET NEC REQUIREMENTS FOR SUCH INSTALLATIONS. CONDUIT OR EQUAL, FOR VIBRATION ISOLATION. • LABEL BACK OF OUTLET BOXES AND ENDS OF CONDUIT WITH UNIQUE NUMBER TO IDENTIFY EACH STUB-UP. USE PERMANENT MARKER PEN, 3/4" HIGH LETTERS. MATCH NUMBER ON OUTLET BOX TO END OF CONDUIT.

FIRE-RATED PARTITION

CABLES.



• WHERE OPEN CABLING IS INSTALLED WITHIN ENVIRONMENT AIR PLENUMS, SUCH

SYSTEM'S DRAWINGS.

AFTER ALL CABLES ARE INSTALLED AND SYSTEMS ARE

SLEEVES.

COMPLETELY TESTED APPLY A

UL-LISTED FIRE- STOPPING

MATERIAL TO SEAL ENDS OF

SLEEVES TO SAME RATING AS

Scale: NO SCALE

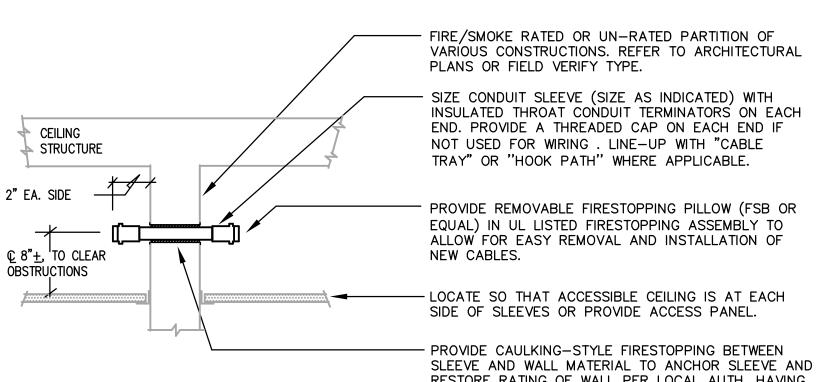


NOTE: THE FINAL 24" OF RACEWAY CONNECTION

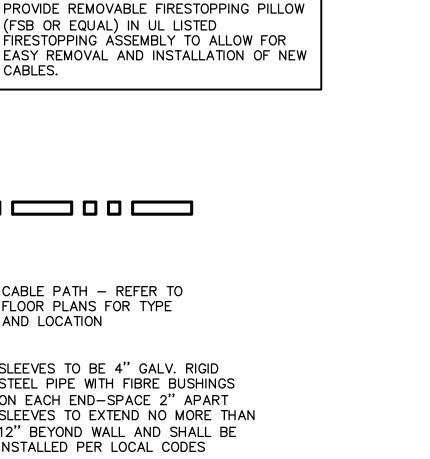
TO BOTH PRIMARY AND SECONDARY SIDES

SHALL BE "SEALTITE" TYPE UA FLEXIBLE









RESTORE RATING OF WALL PER LOCAL AUTH. HAVING JURISDICTION.

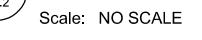
STUBBED ABOVE ACCESSIBLE

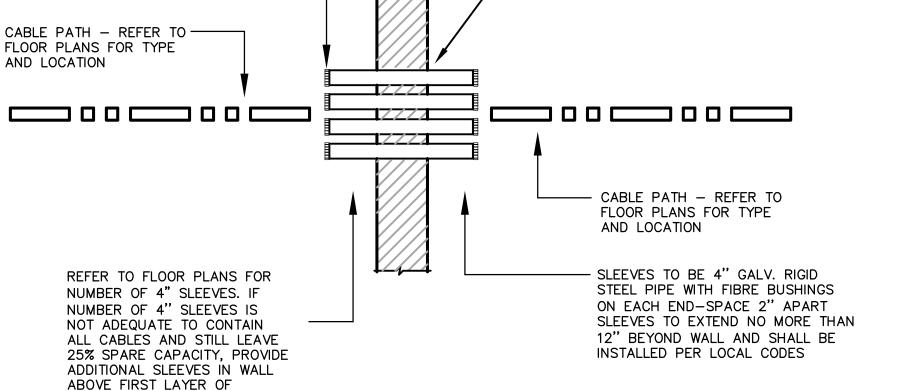
CEILING. PROVIDE WITH ___

Scale: NONE

BLANK STAINLESS STEEL

COVER PLATE.







DETAIL OF TYPICAL CLASSROOM **MULTIMEDIA SYSTEM ROUGH-INS** SON ROOM SWITCH CABINET NORMAL LIGHTING LOAD _____ (LESS THAN 20A)

SYMBOL - INDICATED ON

FLOOR PLANS

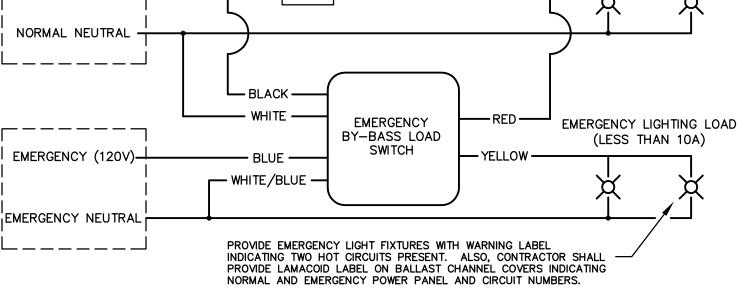
CEILING. PROVIDE WITH

BLANK STAINLESS STEEL

COVER PLATE. MOUNT

ABOVE TEACHER'S

DATA/VOICE OUTLET.



- INDICATED ON

FLOOR PLANS

NORMAL (120V) -

RECESSED CEILING MOUNT LOAD TRANSFER CONTROL UNIT WITH 20AMP, UL RATED N.O. N.C. CONTACTS, THREE LED STATUS LIGHTS THAT INDICATE UNIT IS UNDER POWER FROM NORMAL UTILITY POWER AND EMERGENCY GENERATOR POWER AND TEST MODE WHEN TEST SWITCH IS USED TO COMPLY WITH NEC 70-4A AND E, 700-7A. UNITS TO BE CONSTRUCTED OF UL 924V-0 FLAME RATED IMPACT COMPOSITE UL LIST 924 OR 1008 TO COMPLY NEC 700-3. FIXTURE TO BE UL LISTED TO ACCEPT TRANSFER DEVICE. UNIT TO HAVE A MINIMUM OF 10AMP CONTINUOUS RATING AND HAVE A TEN YEAR UNCONDITIONAL WARRANTY AS MANUFACTURED BY NINE 24 #BLTC-R, VISTA EQUAL, OR BODINE EQUAL.

PROVIDE J-BOX AS REQUIRED FOR FLUSH MOUNTING. ALL EMERGENCY BY-PASS SWITCHES SHALL BE MOUNTED IN CEILING NEXT TO FIRST FIXTURE BEING SERVED. DEVICES SHALL BE SECURED TO THE CEILING GRID AND NOT SOLELY TO CEILING TILES. THE CONTRACTOR SHALL PROVIDE CAD DRAWINGS MAPPING ENTIRE
BUILDING EMERGENCY LIGHTING SYSTEM INDICATING EXACT LOCATION OF
EMERGENCY BY—PASS SWITCHES AND SUBMIT INFORMATION AS SHOP DRAWINGS FOR APPROVAL BY ENGINEER.

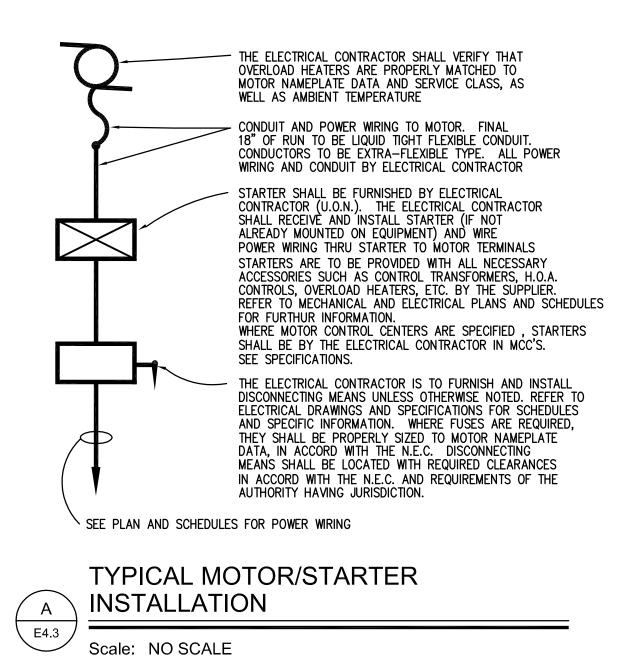
PROVIDE WITH LED INDICATOR FOR INDICATION OF LOSS OF A POWER SOURCE. DO NOT PROVIDE WITH AUDIBLE INDICATOR.



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HS



STUB CONDUITS OUT OF ROOM, HOLDING HIGH IN STRUCTURE, TO TERMINATE JUST ABOVE THE RING ASSEMBLIES WITH AN INSULATED THROAT BUSHING OR FIBRE BUSHING. PULL CABLES DOWN INTO AND THRU RINGS WITHOUT CREATING A STRAIN ON

- SPACE BRIDLE RING ASSEMBLIES 48" ON CENTER THROUGHOUT CORRIDORS OF BUILDING, PROVIDING HORIZONTALLY HUNG

18" ABOVE CEILING. SEE PLANS FOR ROUTINGS.

ON UNISTRUT WITH LOCKWASHER BELOW HEAD.

APPROVED EQUAL."

SHOWN (FUTURE)

ABOVE CEILING TO THE TOP RING.

ASSEMBLIES WHERE CROSSING OVER CORRIDORS OR LARGE OPEN AREAS WITHOUT WALLS TO MOUNT ON. HANG TRAPEZE STYLE WITH COMPLETE ACCESS THRU SUSPENDED CEILINGS AT APPX.

-INSTALL ON CONCRETE BLOCK WALLS WITH 3/8" TOGGLE BOLTS OR DROP-IN ANCHORS. ON DRYWALL WALLS, USE 3/8" TOGGLE

BOLTS PLACED THRU METAL STUDS-NOT THRU GYP BOARD. USE CAP SCREWS OR PHILIPS HEAD TOGGLES WITH SQUARE WASHER

J-HOOKS CABLING PATH SHALL BE TWO-TIER WITH (2) 4"

HOOKS. B-LINE #BCH64-2S, CADDY, MONO-SYSTEMS OR

WIRING TO PASS THRU LOOPS TO BE ALL CABLES SCHEDULED

CABLES SHALL BE GATHERED UP AND PLACED IN RING SYSTEM.

BELOW. WHERE WORKING IN A RENOVATED AREA, ALL EXISTING

-1 &5/8" X 1&5/8" 14Ga UNISTRUT OR EQUIVALENT KINDORF OR

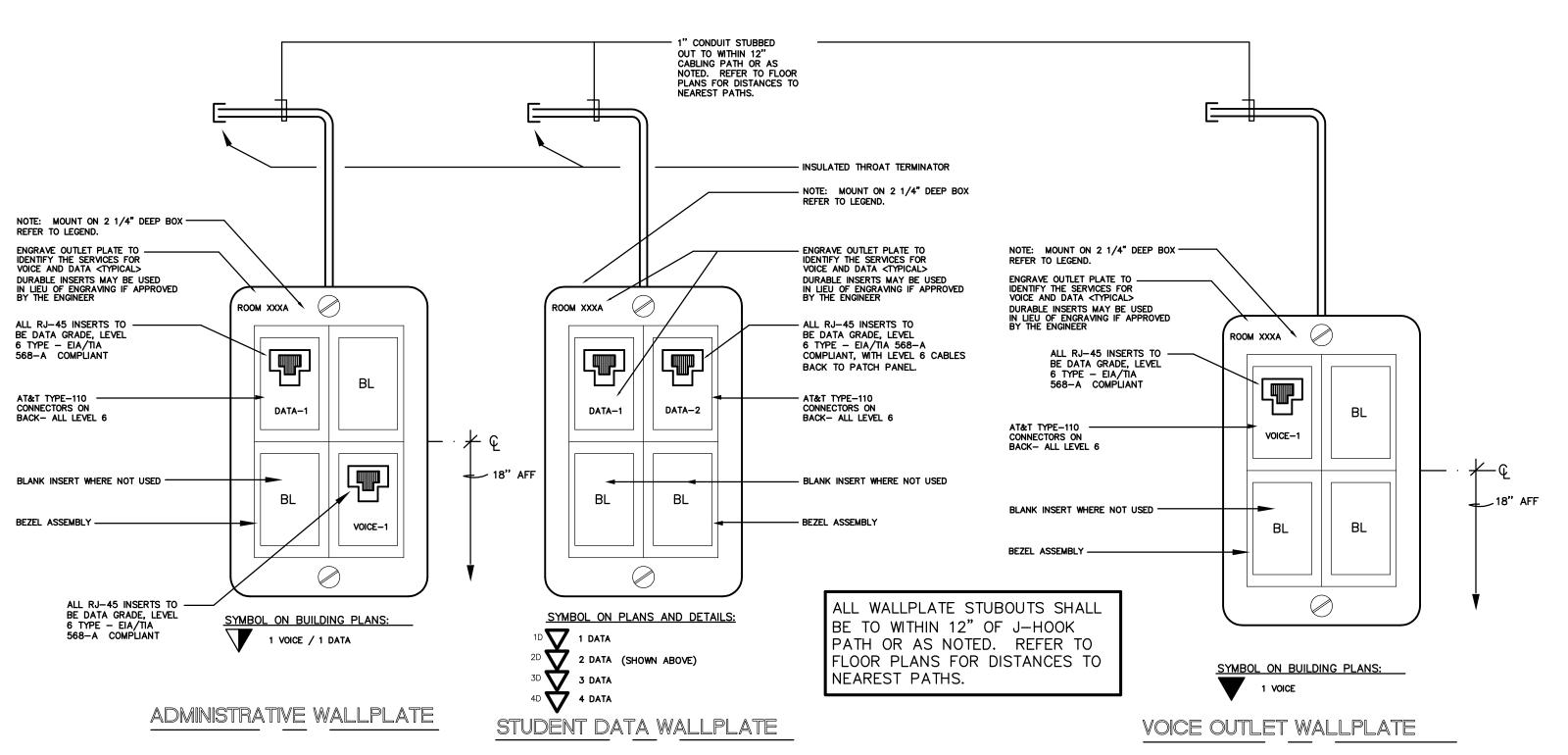
ELCEN CHANNEL OF LENGTH SHOWN. LEAVE ROOM AT BOTTOM

FOR AN ADDITIONAL RING TO BE INSTALLED BELOW THE TWO

BOTTOM OF WALL MOUNTED ASSEMBLIES TO BE AT APPX. 6"

ABOVE FINISHED CEILING HEIGHT- COORDINATE INSTALLATION WITH

ALL OTHER TRADES TO ENSURE AT LEAST 18" CLEAR ACCESS





Scale: NO SCALE

E4.3



SIDE VIEW

E4.3 Scale: NO SCALE

DIMMING CABINET "DM" SCHEDULE :

CIRCUIT

DESCRIPTION

SECOND ELECTRIC

SECOND ELECTRIC

THIRD ELECTRIC

FOURTH ELECTRIC

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

HOUSE LIGHTING

HOUSE LIGHTING

HOUSE LIGHTING

HOUSE LIGHTING

HOUSE LIGHTING

SPARE

SPARE

SPARE

SPARE

SPARE

STEP LIGHTING

72

78

79

82

83

85

93

95

96

BREAKER

1P20

DIMMING MODULE

INC 2.4-KW

LOAD

1500 W

0 W

0 W

600 W

800 W

860 W

1170 W

780 W

0 W

0 W

0 W

100 W

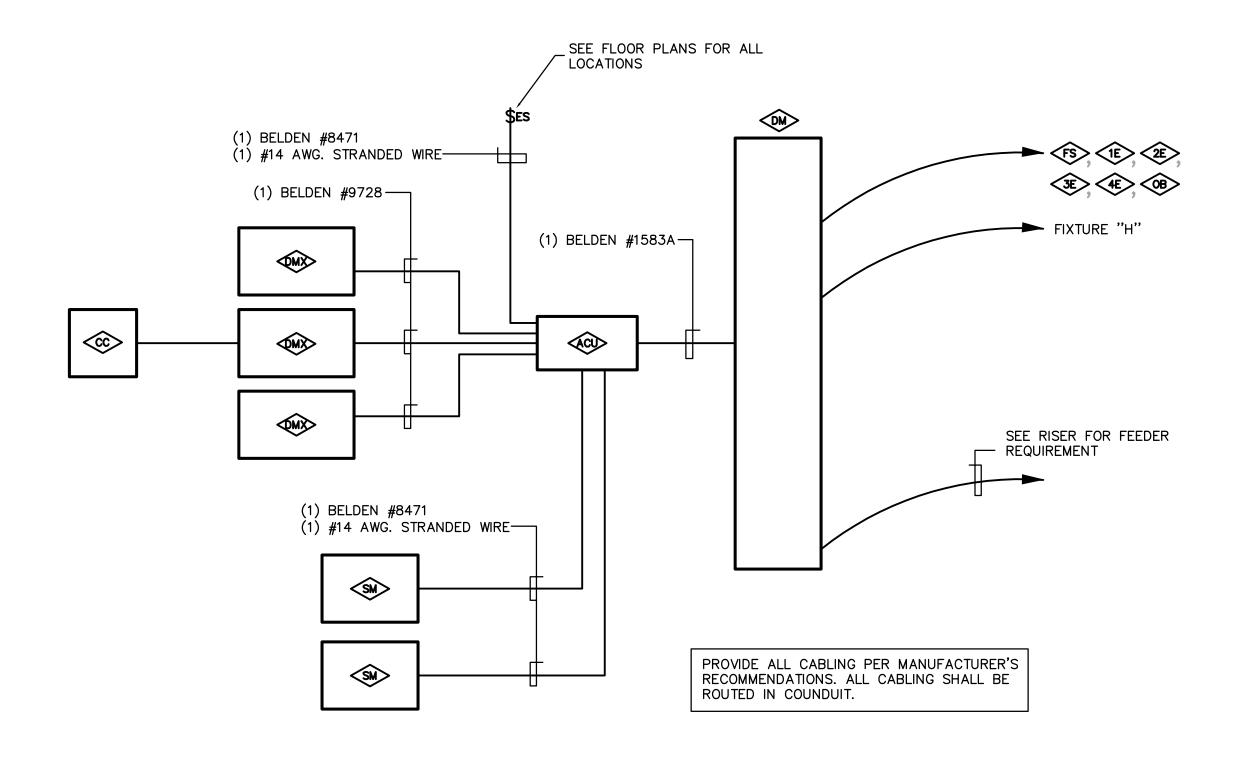
ELSON COUNTY SCHOOL DISTRICT 288 WILDCAT LANE BARDSTOWN, KENTUCKY 40004

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E5.4

HS



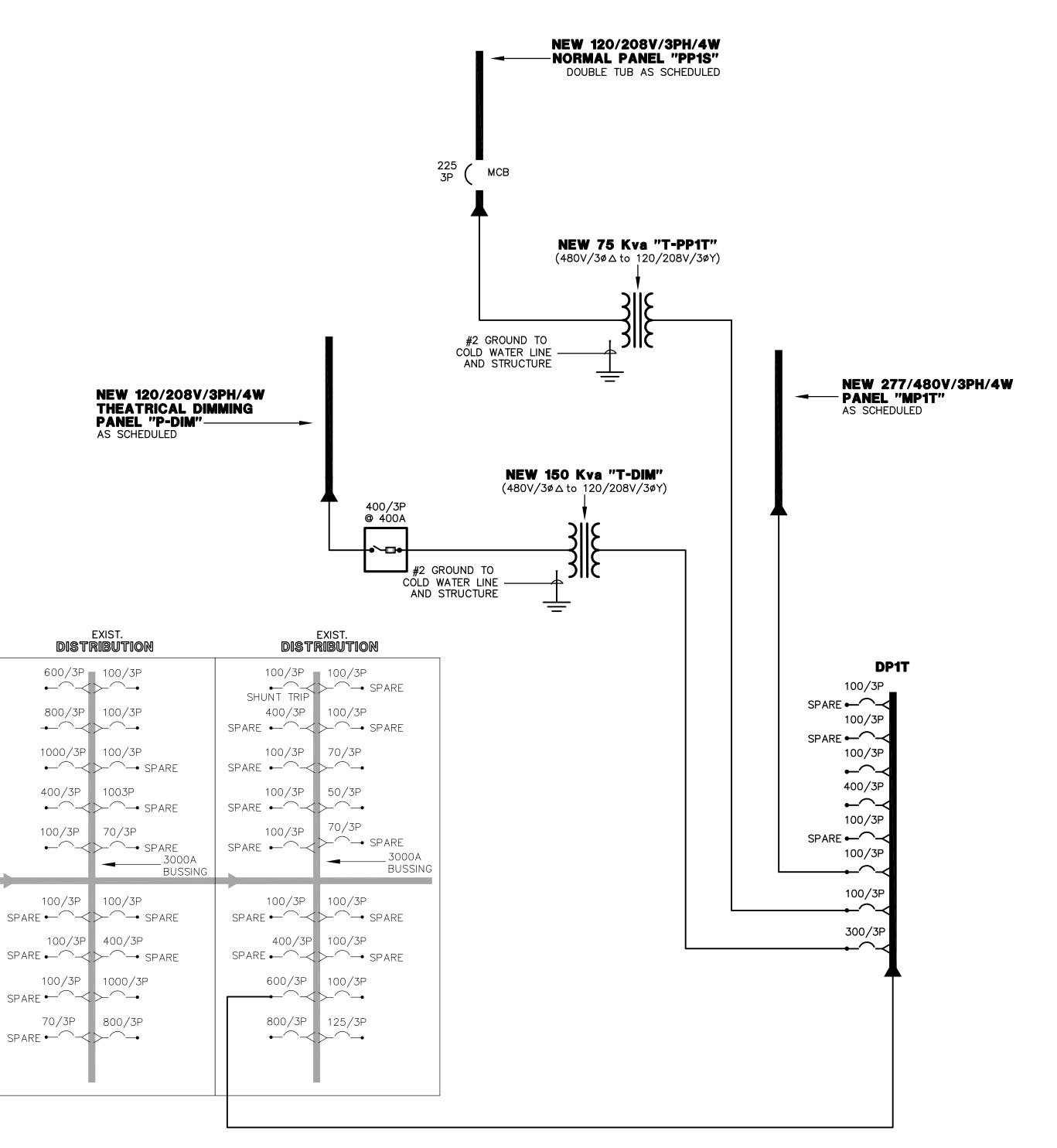
AUDITORIUM DIMMING SCHEDULES AND DETAILS

SYMBOL	DESCRIPTION	PART NO.
₹ \$	FRONT STAGE LIGHTING.	SEE SPECS.
⟨ IE⟩	FIRST ELECTRIC LIGHTING.	SEE SPECS.
⟨ 2E⟩	SECOND ELECTRIC LIGHTING.	SEE SPECS.
₹3E>	THIRD ELECTRIC LIGHTING.	SEE SPECS.
⟨ 4E⟩	FOURTH ELECTRIC LIGHTING.	SEE SPECS.
\$ES	ENTRY SWITCH.	SEE SPECS.
SM	STAGE MANAGER PANEL. 12 BUTTON, 7 FADE UNIT.	SEE SPECS.
ACU	ARCHITECTURE CONTROL UNIT.	SEE SPECS.
ØMX	CONTROL STATION OUTLET.	SEE SPECS.
◇ CC>	CONTROL CONSOLE.	SEE SPECS.
○DM >	LIGHTING DIMMER RACK.	SEE SPECS.
ÓB	STAGE OUTLET BOX.	SEE SPECS.

THEATRICAL LIGHTING EQUIPMENT LEGEND

DIMMING CABINET "DM" SCHEDULE:

CIRCUIT	DESCRIPTION	BREAKER	DIMMING MODULE	LOAD
1	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
2	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
3	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
4	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
5	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
6	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
7	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
8	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
9	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
10	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
11	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
12	FUTURE FRONT HOUSE STRIP	1P20	INC 2.4-KW	FUTURE 750W
13	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
14	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
15	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
16	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
17	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
18	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
19	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
20	FRONT HOUSE STRIP	1P20	INC 2.4-KW	750 W
21	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
22	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
23	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
24	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
25	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
26	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
27	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
28	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
29	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
30	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
31	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
32	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
33	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
34	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
35	FIRST ELECTRIC	1P20	INC 2.4-KW	750 W
36	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
37	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
38	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
39	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
40	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
41	SECOND ELECTRIC	1P20	INC 2.4-KW	750 W
42	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
43	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
44	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
45	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
46	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
47	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
	· · · · · · ·	 	INC 2.4-KW	



UTILITY

EXISTING CONNECTION

TO HVAC ENERGY-

MANAGEMENT SYSTEM

<<<------

3000A

BUSSING -

(TYPICAL)

TO EACH

GROUND BAR

TEL

SERVICE GROUND -

CAT #C

TVSS

exist. Main switchboard

___ 1-1/2" EMPTY

CONDUIT

— UTILITY CO. GROUND

ROUTE ONE (1) #500 Kcmil GROUND FROM EXIST. GROUND BAR AT EXIST. SWITCHBOARD "MDP" TO THREE EXIST. 5/8"X10'-0" COPPERWELD GROUND

NECESSARY TO MEET THIS REQUIREMENT. GROUNDS SHALL ALSO BE

CONNECTED TO BUILDING STEEL AND COLD WATER PIPING AS REQUIRED

RODS AS REQUIRED. CONTRACTOR SHALL TEST GROUND SYSTEM IMPEDENCE LEVEL AND IF NOT 5 Ohm, CONTRACTOR SHALL ADD GROUND RODS AS

EXIST. UTILITY CO. SERVICE

TRANSFORMER (12470V/3øA to 277/480V/3øY)

COORDINATE EXACT UTILITY ----

REQUIREMENTS (IE: TRANSFORMER

CONCRETE PAD, FEES, ETC.)
WITH UTILITY CO. PRIOR TO
CONSTRUCTION

SWEEP ELL TURNS ___ (TYPICAL FOR ALL UNDERGROUND

REFER TO ELECTRICAL SITE UTILITIES PLAN FOR UTILITY

COMPANY PRIMARY SERVICE

FEEDERS)

REQUIREMENTS.

MAIN

DIGITAL

VOLT/AMMETER

3000/3P 4

MAIN

BREAKER

NEUTRAL & SEPARATE -

GROUND BUSS

FACTORY —

BUSS TAP

#6 GROUND —

TO C.W. LINE & TO BUILDING STEEL

ELSON COUNTY SCHOOL DISTRICT 288 WILDCAT LANE BARDSTOWN, KENTUCKY 40004

NELSON

NELSON | NELSON COUNTHOMAS I

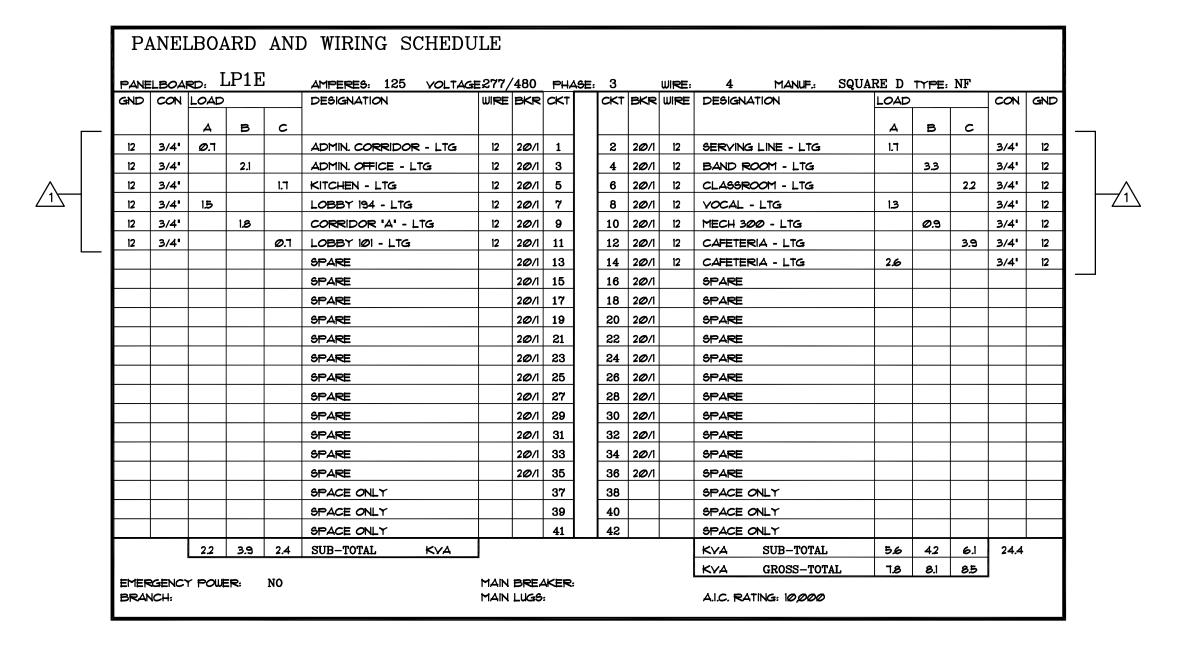
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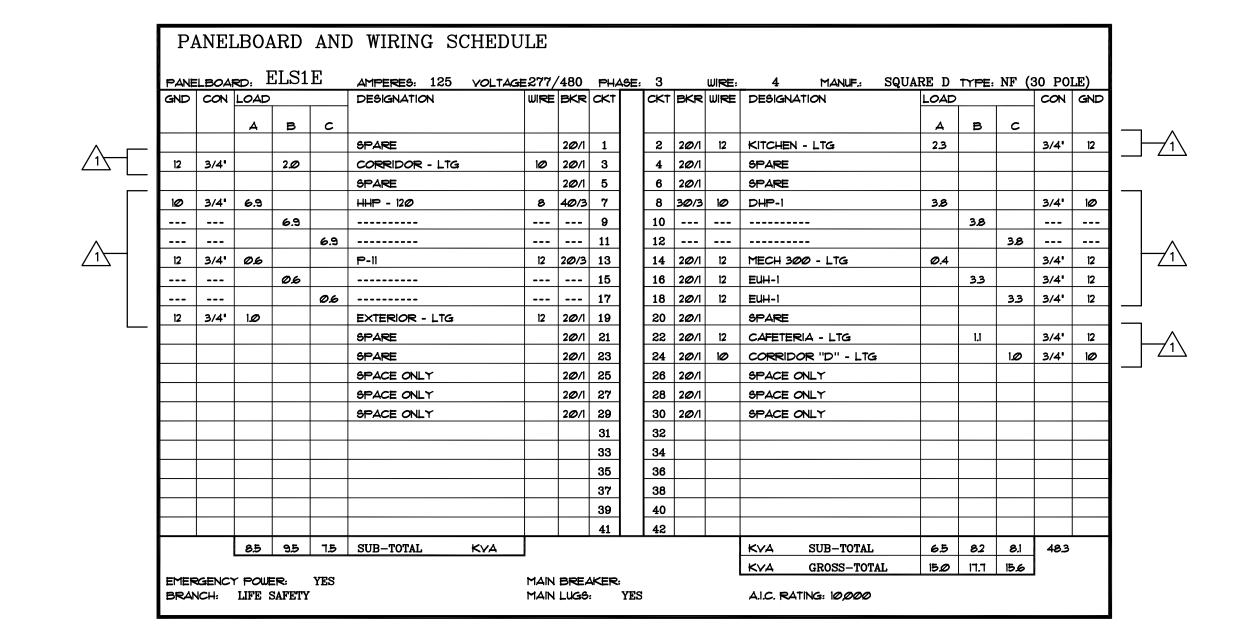
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E6.1

PHASE - 3





TAGGED NOTES (PANELBOARD SCHEDULES)

PANELBOARD SCHEDULE NOTES

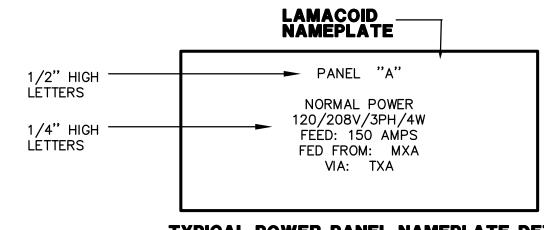
"DOOR-IN-DOOR" OPTION.

REFER TO POWER RISER FOR SIZES.

PROVIDE G.F.C.I. 20A/1P TYPE CIRCUIT BREAKER.

ALL PANELBOARDS SHALL BE ORDERED WITH

PANELBOARD INDICATED IS PROVIDED FROM PHASE 1 OF PROJECT. CIRCUITS INDICATED SHALL BE PROVIDED BY PHASE 1 CONTRACTOR. ALL CIRCUITS NOT COVERED BY THIS NOTE SHALL BE PROVIDED BY THIS CONTRACTOR. PROVIDE NEW BREAKERS AS REQUIRED FOR NEW CIRCUITS INDICATED. COORDINATE ALL WORK WITH PHASE 1 CONTRACTOR. REFER TO RISER DIAGRAM FOR NEW AND EXISTING PANELBOARDS.



TYPICAL POWER PANEL NAMEPLATE DETAIL

NORMAL POWER PANELS SHALL HAVE BLACK WITH WHITE LETTERS EMERGENCY POWER PANELS SHALL HAVE RED WITH WHITE LETTERS

ND	LBOAF CON						BKR		_		_		DESIGNATION	LOAD			CON	
		Δ	В	c										A	В	c		
					SPARE		20/1	1		2	40/3	8	HP - 180, MEDIA CENTER	8.1			3/4"	10
					SPARE		20/1	3		4					8.1			
					SPARE		20/1	5		6						8.1		
					SPARE		20/1	7	1	8	20/3	12	HP - 36, CLASSROOM 106	2.9			3/4"	12
					SPARE		20/1	9		10					2.9			
					SPARE		20/1	11		12						2.9		
					SPARE		20/3	13		14	20/3	12	P-12, MEDIA CENTER	0.6			3/4"	12
								15		16					06			
								17		18						06		
					SPARE		20/3	19		20	20/1	12	HP-18	3.1			3/4"	12
								21		22	20/1		SPARE					
								23		24	20/1		SPARE					
					SPARE		20/1	25		26			SPACE ONLY					
					SPARE		20/1	27		28			SPACE ONLY					
					SPARE		20/1	29		30			SPACE ONLY					
								31		32								
								33		34								
								35		36								
								37		38								
								39		40								
								41		42								
		0.0	0.0	0.0	SUB-TOTAL KYA								KVA SUB-TOTAL	14.7	11.6	11.6	37.9	
													KVA GROSS-TOTAL	14.7	11.6	11.6	l	

		₀PP1			AMPERES: 225 VOL					E:_	3		WIRE:	4	MANUF.:						
GND	CON	LOAD		Ι	DESIGNATION	WIF	E B*	<r c<="" th=""><th>CKT</th><th> </th><th>CKT</th><th>BKR</th><th>WIRE</th><th>DESIGNA</th><th>TION</th><th></th><th>LOAD</th><th>Ι</th><th></th><th>CON</th><th>GNE</th></r>	CKT		CKT	BKR	WIRE	DESIGNA	TION		LOAD	Ι		CON	GNE
		A	В	С													A	В	С		
								\perp	1	L	2										
								_	3	L	4										
								_	5	L	6										
								+	7		8										
								_	9		10										
									11		12										
									13		14										
									15		16										
					SPARE		120	-	17 19		18	20/1		SPARE							
					SPARE				21			20/1		SPARE							
					SPARE				23			20/1		SPARE							
					SPACE ONLY			-	25		26	20/1		SPACE C	NLY						
					SPACE ONLY				27		28			SPACE C							
					SPACE ONLY			-	29		30			SPACE C							
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								-	65	\vdash	66										
									67		68										
									69	\vdash	70										
									71		72										
					SPARE		20	9/1	73		74	20/1		SPARE							
					SPARE		20	9/1	75		76	20/1		SPARE							
					SPARE		20	9/1	77	L	78	20/1		SPARE							
					SPACE ONLY			\perp	79		80			SPACE C	MLY						
					SPACE ONLY						82			SPACE C	NLY						
					SPACE ONLY				83		84			SPACE C							
		00	00	00	SUB-TOTAL KYA	4								KVA	SUB-TOTAL		00	00	0.0	00	
EMES	CENC.		:e.	NO			N Pr		<e12< b="">25</e12<>	/or	,			KVA	GROSS-TOT	AL	00	0.0	0.0		



TY SCHOOL DISTRICT ILDCAT LANE , KENTUCKY 40004 IELSON COUNTY 288 WILI BARDSTOWN, K NELSON

NELSON | NELSON COUN THOMAS I

BG 15-229

DATE: 08/17/2015 DRAWN BY: BP CHECKED BY: BP REVISIONS:

2011-02

PHASE - 3

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