





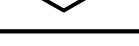
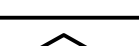




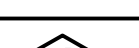

GENERAL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS) :

- 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.
- 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 DISCRETION.
- 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.
- ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
- 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 ALSO NOTE 21).
- 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, ETC.)
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.)
- COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
- 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.
- 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.
- 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.
- CHECK ALL THREE PHASE MOTORS WITH Ø ROTATION METER , PRIOR TO PLACING IN SERVICE.
- PROVIDE DETAILED SHOP DRAWINGS TO ENGINEERS PRIOR TO PURCHASING AND INSTALLING ANY EQUIPMENT.
- 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.
- 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, 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.
- 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.
- WHERE FIRE RATED CEILING ASSEMBLIES ARE NOTED , PROVIDE RATED , APPROVED Gypsum BOARD ENCLOSURES ABOVE LIGHT FIXTURES , CEILING DEVICES , ETC. IN OR ON CEILING , TO MAINTAIN CEILING RATINGS .
- 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).
- 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.
- ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR SHALL BE INSTALLED CONTINUOUS UNLESS AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.
- 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.
- 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.
- 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 INSTALLING WORK.
- FLUSH OR PEDESTAL - TYPE FLOOR OUTLETS, AS INDICATED ON PLAN SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE NOTED ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.
- 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 PHASE.
- 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 POSITION.
- 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.
- 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.
- WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- ALL LIGHTING FIXTURE, LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARABOLIC" 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.
- REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT FLUORESCENT FIXTURES. ADJUST FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.
- 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.
- ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES 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 WORK.
- DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.

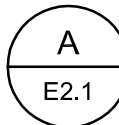
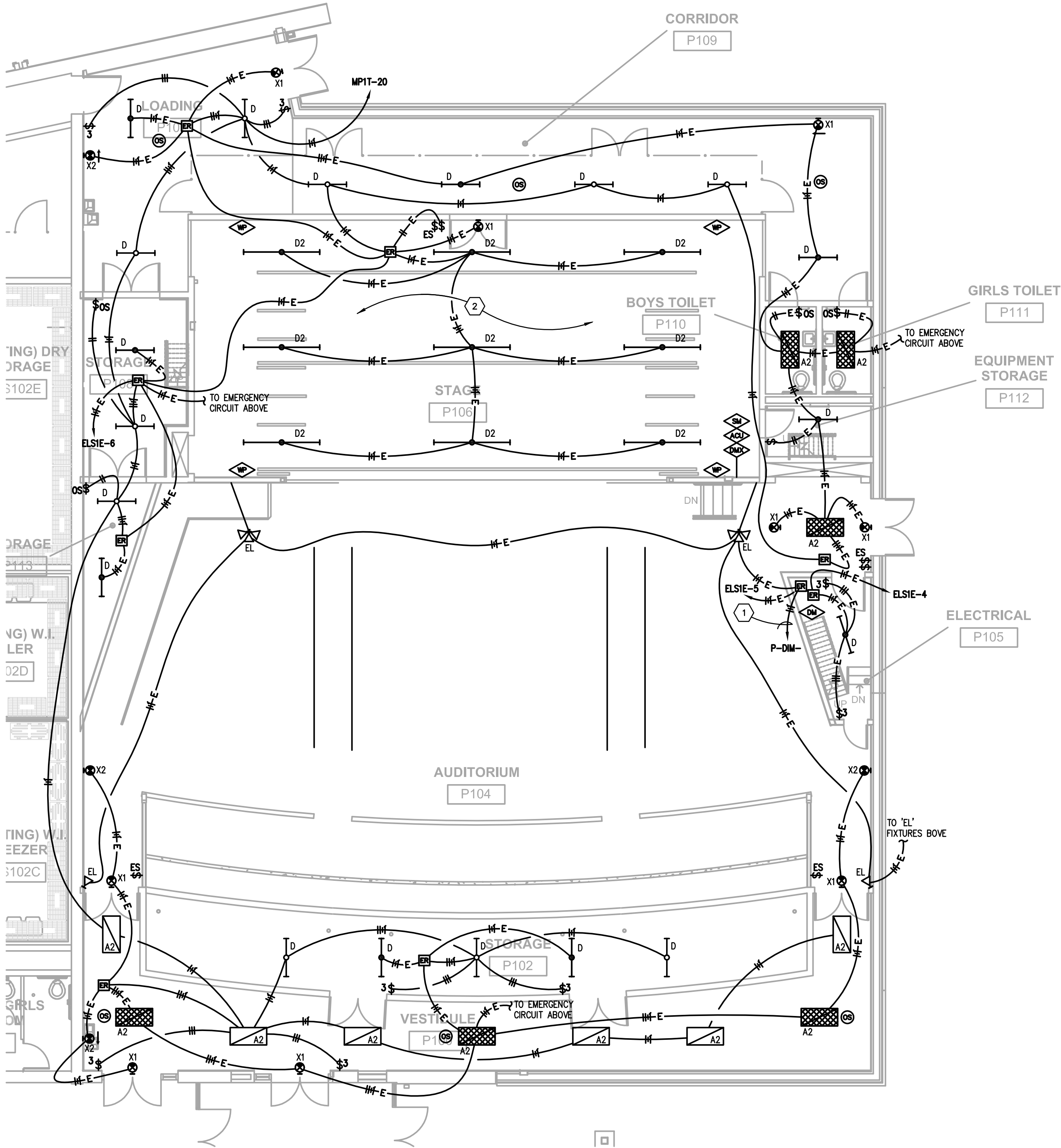
ABBREVIATIONS

UNLESS OTHERWISE NOTED		
OWNER FURNISHED CONTRACTOR INSTALLED		
OWNER FURNISHED CONTRACTOR INSTALLED		
CONTRACTOR FURNISHED CONTRACTOR INSTALLED		
CONTRACTOR FURNISHED OWNER INSTALLED		
INDICATES EMERGENCY POWER		

SYSTEM	ITEM	DEVICE MODEL # (SEE SCHEDULES) IF NONE LISTED	BACKBOX, COVER IF APPLICABLE	MOUNTING HEIGHT (TO BOTTOM OF BOX)	DRAWING SYMBOL
SWITCHES	LIGHT SWITCH: GENERAL PURPOSE			44"	~
	PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON)			44"	~ PL
	DIMMER SWITCH			44"	~ D
	THREE-WAY SWITCH			44"	~ 3
	FOUR-WAY SWITCH			44"	~ 4
	KEYED SWITCH			44"	~ K
	TIMER SWITCH 0-15 MIN				~ T
	MOMENTARY CONTACT SWITCH			44"	~ MC
	LIGHT SWITCH W/ INTEGRAL INFRARED MOTION SENSOR AND AUTO/MANUAL ON/OFF OPERATION	NOVITAS #01-290		44"	~ OS
	FAN SPEED CONTROL SWITCH	AS NOTED		44"	~ F
PHOTO-CELL AS NOTED			AS NOTED	~ PC	
LIGHTING	FLUORESCENT WALL MOUNT	SEE SCHEDULE		6'-6"	~
	2'x2' FLUORESCENT TROFFER	SEE SCHEDULE			~
	2'x4' FLUORESCENT TROFFER	SEE SCHEDULE			~
	DOWNLIGHT	SEE SCHEDULE			~
	INDUSTRIAL STRIP FIXTURE	SEE SCHEDULE			~
	EXIT LIGHT	SEE SCHEDULE	MINIMUM 8'-0" AFF	AS NOTED	~
	UNDERCABINET	SEE SCHEDULE		AS NOTED	~
	LINEAR DIRECT/INDIRECT	SEE SCHEDULE		AS NOTED	~
	LIGHTING RELAY	SEE SCHEDULE		AS NOTED	~ LR
	EMERGENCY LIGHT BATTERY	NOTE: FOR CORRIDOR NIGHT LIGHT FIXTURES (SAME AS B-E LEVEL SWITCH W/ 50% NIGHT LIGHT)			~
POWER OUTLETS	SIMPLEX			1'-4"	~
	DUPLEX - TAMPER RESISTANT, SHUTTER TYPE			1'-4"	~ S
	DUPLEX			1'-4"	~
	DUPLEX (ABOVE COUNTERTOP)			8" ACT.	~
	DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION			1'-4"	~ GF
	GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE NUMBER IF LIGHTING CIRCUIT IS 277V)			44"	~ C/S
	QUADRUPEX RECEPTACLE			1'-4"	~
	JUNCTION BOX				~
	208/115 DRYER RECEPTACLE, NEMA 14-30R	HUBBELL #H30A		44"	~
	208/3Ø RECEPTACLE, AS NOTED			1'-4"	~
MISC.	DUPLEX - IN KITCHEN (ABOVE FLOOR)			FLOOR	~
	DUPLEX - SURGE SUPPRESSOR TYPE			1'-4"	~ SS
	WEATHER RESISTANT DUPLEX - WITH LOCKABLE, WEATHER-PROOF, "WHILE IN USE" TYPE DIE-CAST METAL COVER, (INTERMATIC # WP1010C OR APPROVED EQUAL)			24"	~ WP
	2-GANG RECESSED, MULTI-SERVICE FLOOR BOX FOR INSTALLATION IN WOOD FLOORING. PROVIDE FLOOR OUTLET WITH UTILITY FLOOR OUTLET ACCESS. UNIT SHALL HOUSE ONE DUPLEX OUTLETS, AND ONE MICRO-PHONE OUTLET. FLOOR BOX SHALL BE WALKER # 880W-87B- E28B/E28B(MC) OR APPROVED EQUAL. PROVIDE COMPLETE WITH BRASS FLANGE AND NECESSARY ACCESSORIES.				~
	DUPLEX RECEPTACLE IN FLOOR				~
	QUAD RECEPTACLE IN FLOOR				~
	CONDUIT CONCEALED IN WALLS OR IN ABOVE CEILING; ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS. HASHMARKS INDICATE # OF CONDUCTORS				~
	DASHED LINES INDICATED CONDUIT SHALL BE ROUTED UNDERSLAB OR AS OTHERWISE NOTED. (SEE SPECIFICATIONS FOR DETAILS)				~
	DISCONNECT SWITCH			5'-0"	~
	MAGNETIC STARTER			5'-0"	~
MAGNETIC COMBINATION STARTER			5'-0"	~	
ENCLOSED FLUSH MTD CIRCUIT BREAKER			5'-0"	~	
PUSHBUTTON STATION			44"	~	
FLEXIBLE CONDUIT (SEE SPECIFICATIONS FOR TYPES PERMITTED)				~	
NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED			76" TO TOP	~	
TRANSFORMER			AS NOTED	~	
MANUAL MOTOR STARTER STARTER SWITCH	SQUARE-D CLASS 2510		AS NOTED	~	
EMERGENCY POWER CIRCUIT EQUIPMENT # INDICATOR				~	
TAGGED NOTE				~	
3/4" ENT CONDUIT (A.O.N.) STUB UP ABOVE SUSPENDED CEILING (SEE DETAILS)				~	
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)				~	
JUNCTION BOX			AS NOTED	AS NOTED	~
TERMINAL CABINET SURFACE OR FLUSH MOUNTED AS NOTED					~
CABLE TRAY AS NOTED	SEE DETAILS			AS SHOWN	~
BRIDLE RING/ HOOK CABLE PATH	SEE DETAILS				~
DOORBELL PUSHBUTTON (NU-TONE)	NOTED		44"		~ DB
DOORBELL AUDIO/VISUAL (NU-TONE)	AS NOTED		8'-0"		~ DBD
EQUIPMENT HARDWIRE CONNECTION (SEE DETAIL)					~
EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)					~
REVISION NOTE					~
INTERCOM/VIDEO REMOTE STATION (APHONE)	AS NOTED		44"		~ IC
INTERCOM/VIDEO MASTER STATION (APHONE)	AS NOTED				~ IM
UNLESS OTHERWISE NOTED					
OWNER FURNISHED CONTRACTOR INSTALLED					
OWNER FURNISHED CONTRACTOR INSTALLED					
CONTRACTOR FURNISHED CONTRACTOR INSTALLED					
CONTRACTOR FURNISHED OWNER INSTALLED					
INDICATES EMERGENCY POWER					
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SYMBOL	DESCRIPTION	PART NO.
	FRONT STAGE LIGHTING.	SEE SPECS.
	FIRST ELECTRIC LIGHTING.	SEE SPECS.
	SECOND ELECTRIC LIGHTING.	SEE SPECS.
	THIRD ELECTRIC LIGHTING.	SEE SPECS.
	FOURTH ELECTRIC LIGHTING.	SEE SPECS.
	ENTRY SWITCH.	SEE SPECS.
	STAGE MANAGER PANEL. 12 BUTTON, 7 FADE UNIT.	SEE SPECS.
	ARCHITECTURE CONTROL UNIT.	SEE SPECS.
	CONTROL STATION OUTLET.	SEE SPECS.
	CONTROL CONSOLE.	SEE SPECS.
	LIGHTING DIMMER RACK.	SEE SPECS.
	STAGE WALL POCKET.	SEE SPECS.

THEATRICAL LIGHTING EQUIPMENT LEGEND



FIRST FLOOR PLAN - LIGHTING

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

GENERAL NEW WORK NOTES (LIGHTING):

- REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- 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 RUN 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 ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- 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.
- 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.
- 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.
- WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.
- ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARABOLIC" 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.
- 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
- COORDINATE EXACT LOCATION OF STAGE FLUORESCENT FIXTURES WITH ALL EQUIPMENT (CURTAINS, THEATRICAL LIGHTS, RIGGING, ETC.) PRIOR TO ROUGH-IN. ENSURE LOCATION AND ELEVATION TO MAXIMIZE FLUORESCENT LIGHTING ON STAGE FLOOR.



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NELSON COUNTY SCHOOL DISTRICT
288 WILDCAT LANE
BARDSTOWN, KENTUCKY 40004

FIRST FLOOR PLAN - LIGHTING

NELSON COUNTY SCHOOLS - WEST CAMPUS
THOMAS NELSON H.S.

PHASE III
2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004

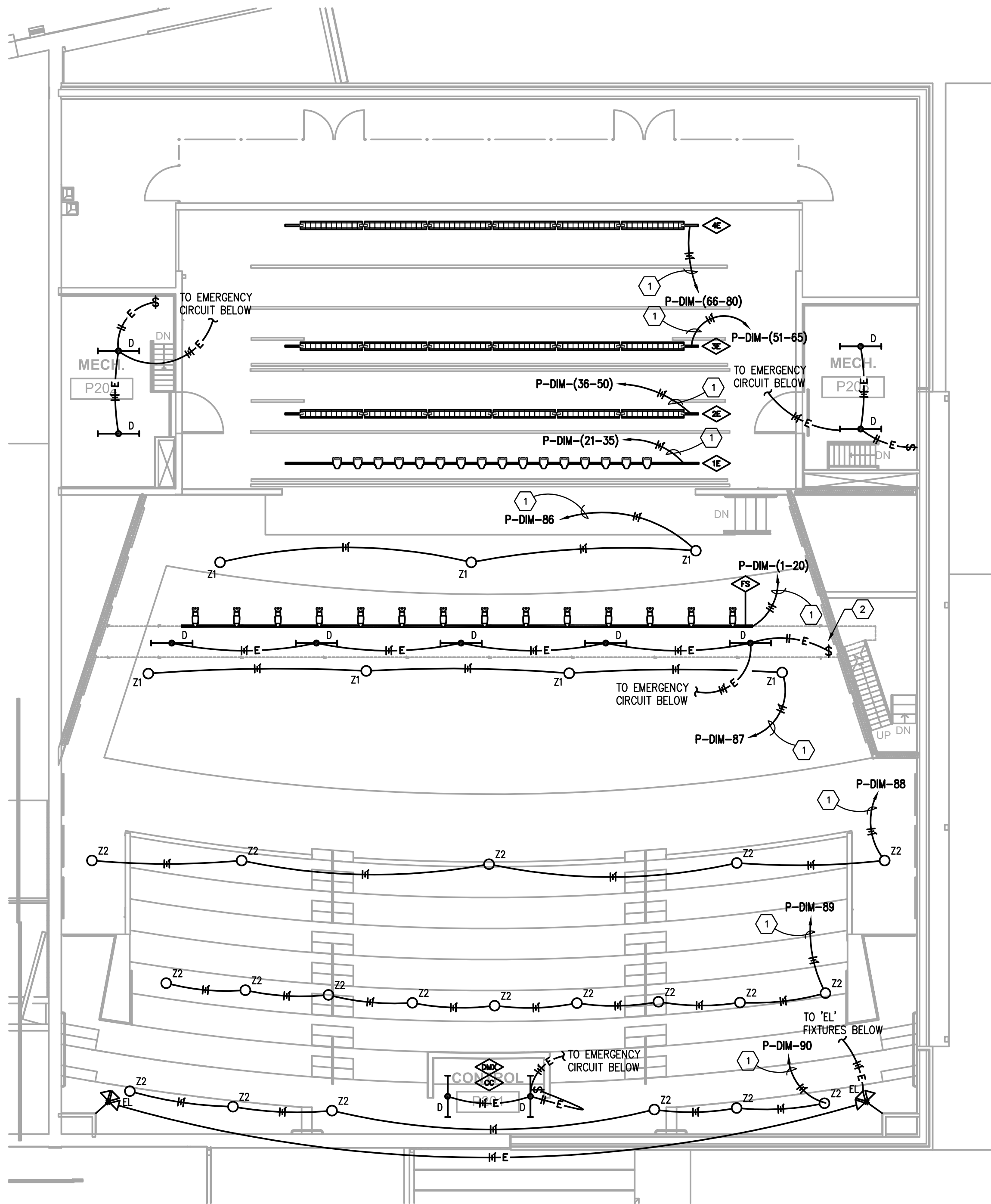
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DATE : 08/17/2015
DRAWN BY : BP
CHECKED BY : BP
REVISIONS :

2011-02

PHASE - 3

E2.1
HS



A
E2.2

SECOND FLOOR PLAN - LIGHTING

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

GENERAL NEW WORK NOTES (LIGHTING):

- REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- 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 ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- 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.
- 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.
- 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.
- WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.
- ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARABOLIC" 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.
- 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 (5) CIRCUITS IN ONE CONDUIT. REFER TO THEATRICAL DIMMING SCHEDULE, SPECS AND DETAILS FOR FURTHER REQUIREMENTS
- MOUNT LIGHT SWITCH AT ENTRANCE TO CATWALK. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH CATWALK STEEL DRAWINGS.



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NELSON COUNTY SCHOOL DISTRICT
288 WILDCAT LANE
BARDSTOWN, KENTUCKY 40004

SECOND FLOOR PLAN - LIGHTING

NELSON COUNTY SCHOOLS - WEST CAMPUS

THOMAS NELSON H.S.

PHASE III

2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004

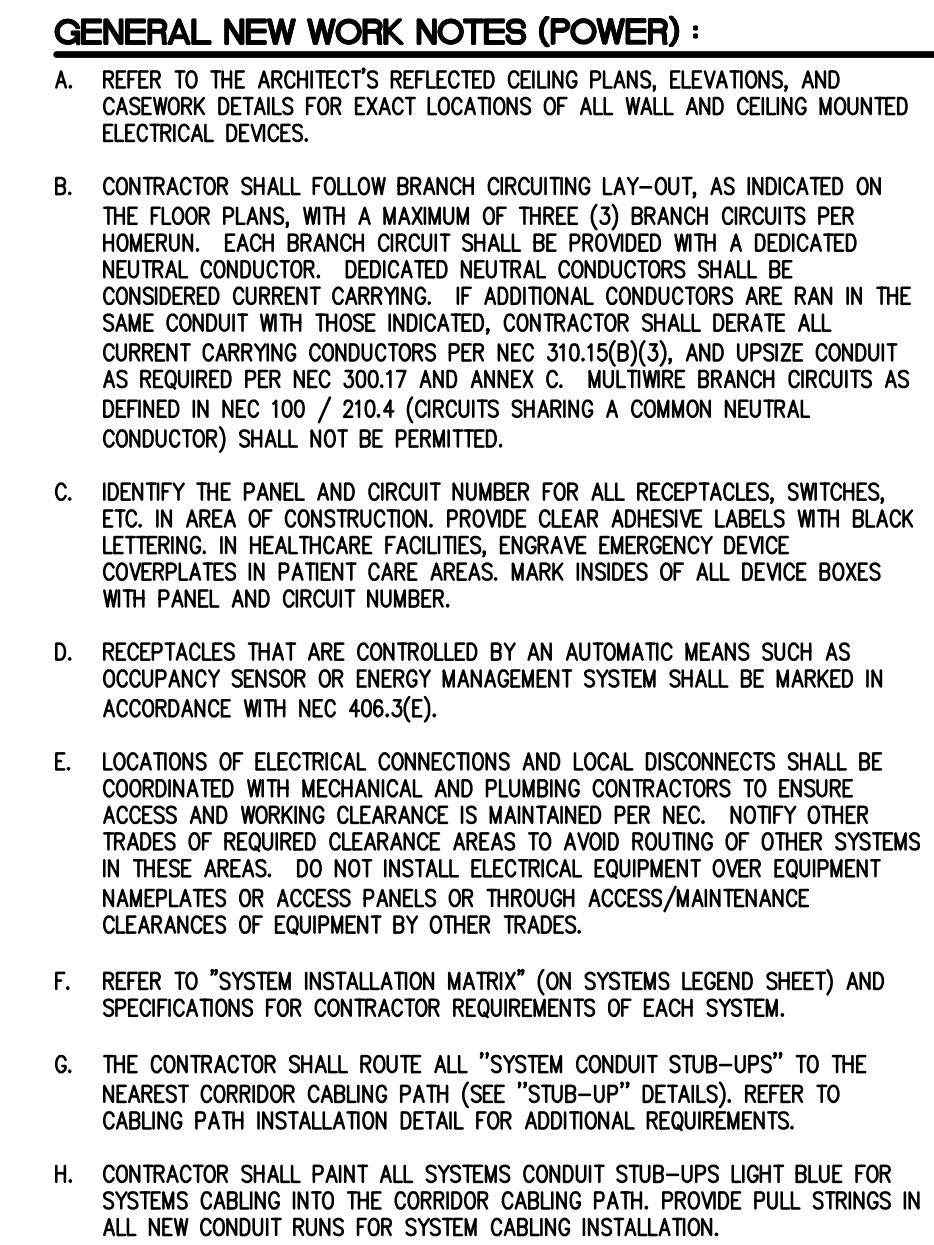
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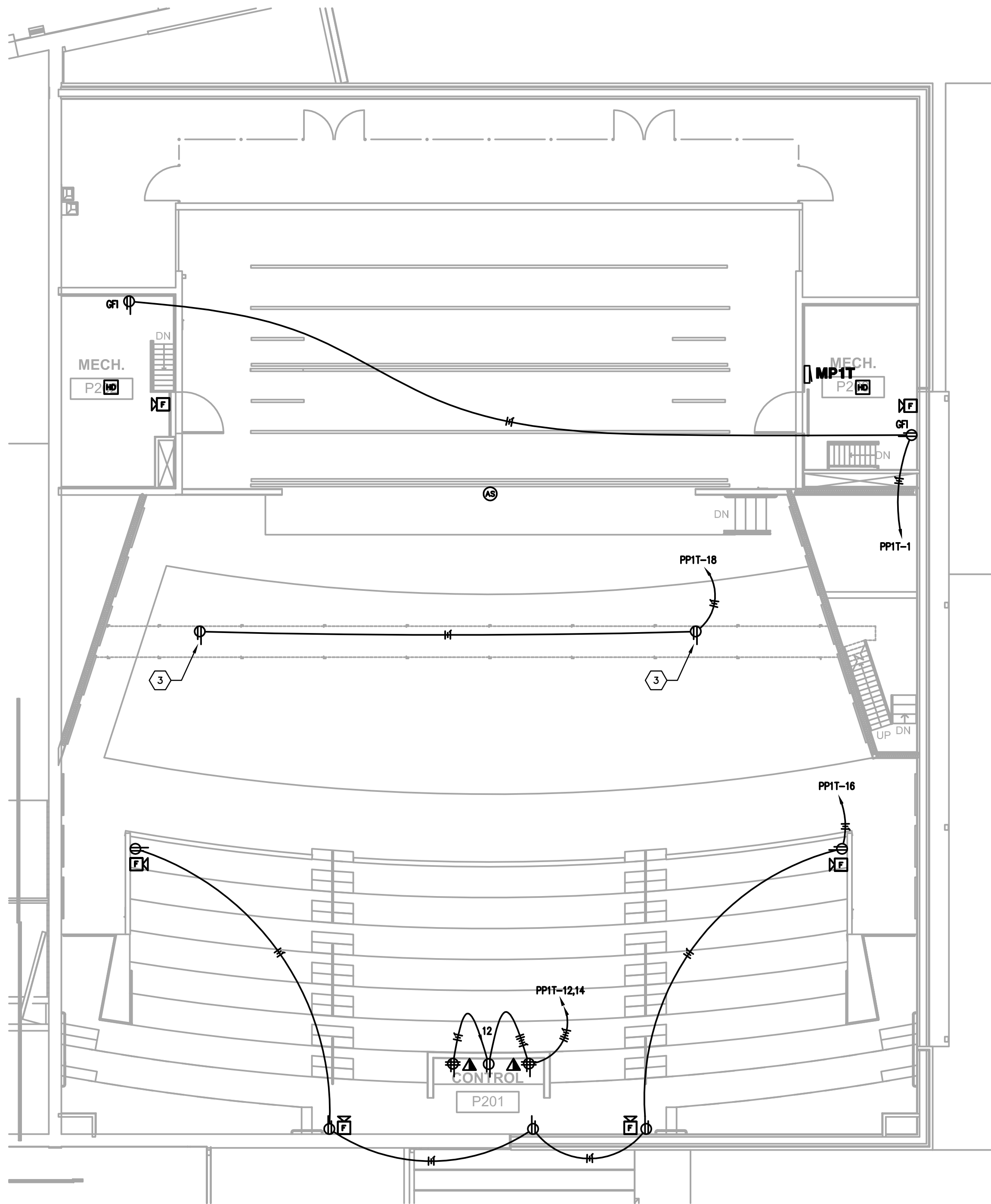
PHASE - 3

E2.2
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1. PROVIDE NEW 250V/400VA/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 PROCEINUM 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.

<p>DATE : 08/17/2015 DRAWN BY : BP CHECKED BY : BP REVISIONS :</p>	<p>2011-02 PHASE - 3 E3.1 HS</p>	<p>2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004</p> <p>PHASE III THOMAS NELSON H.S. NELSON COUNTY SCHOOLS - WEST CAMPUS FIRST FLOOR PLAN - POWER/SYSTEMS</p>	<p>NELSON COUNTY SCHOOL DISTRICT 288 WILDCAT LANE BARDSTOWN, KENTUCKY 40004</p>	 <p>10011 Mainline Bardonia, NY 10962 Tel: 845.352.2691 Fax: 845.352.2691 www.martindale.com</p>	<p>studio kremer architects</p> <p>3258 Ruckriegel Parkway, Louisville, KY 40299 TEL. 502.499.1100 FAX 499.1101</p> 
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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 :

- 1. 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 MOUNTING LOCATION AND REQUIREMENTS WITH STRUCTURAL PLANS.



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NELSON COUNTY SCHOOL DISTRICT
288 WILDCAT LANE
BARDSTOWN, KENTUCKY 40004

SECOND FLOOR PLAN - POWER/SYSTEMS
NELSON COUNTY SCHOOLS - WEST CAMPUS
THOMAS NELSON H.S.
PHASE III
2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004

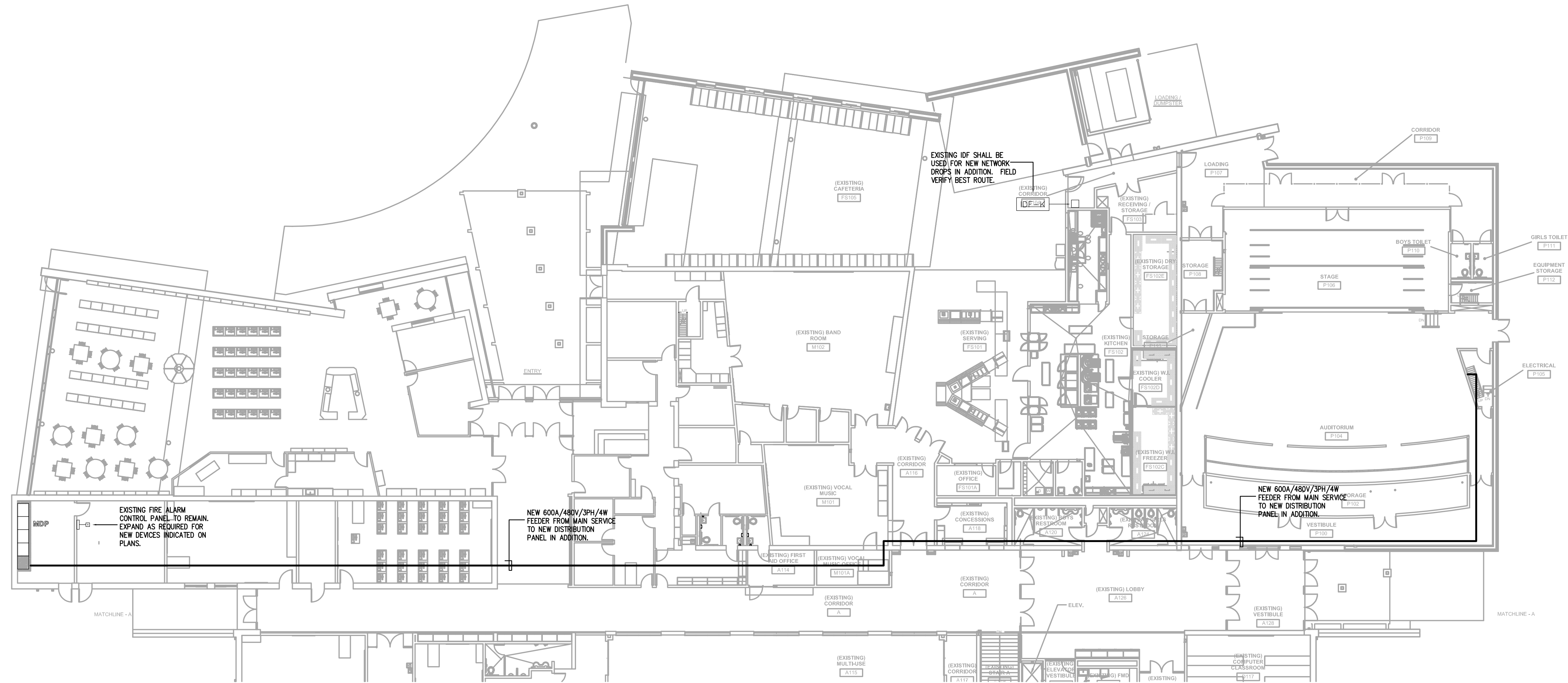
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PHASE - 3

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PARTIAL MAIN FLOOR - INTERCONNECTION PLAN
Scale: 1/16" = 1'-0"



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Professional Engineer
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Project No. 2015-001
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Bardonia, NY 10914

ELECTRICAL INTERCONNECTION PLAN

NELSON COUNTY SCHOOLS - WEST CAMPUS

THOMAS NELSON H.S.

PHASE III

2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004

NELSON COUNTY SCHOOL DISTRICT
288 WILDCAT LANE
BARDSTOWN, KENTUCKY 40004

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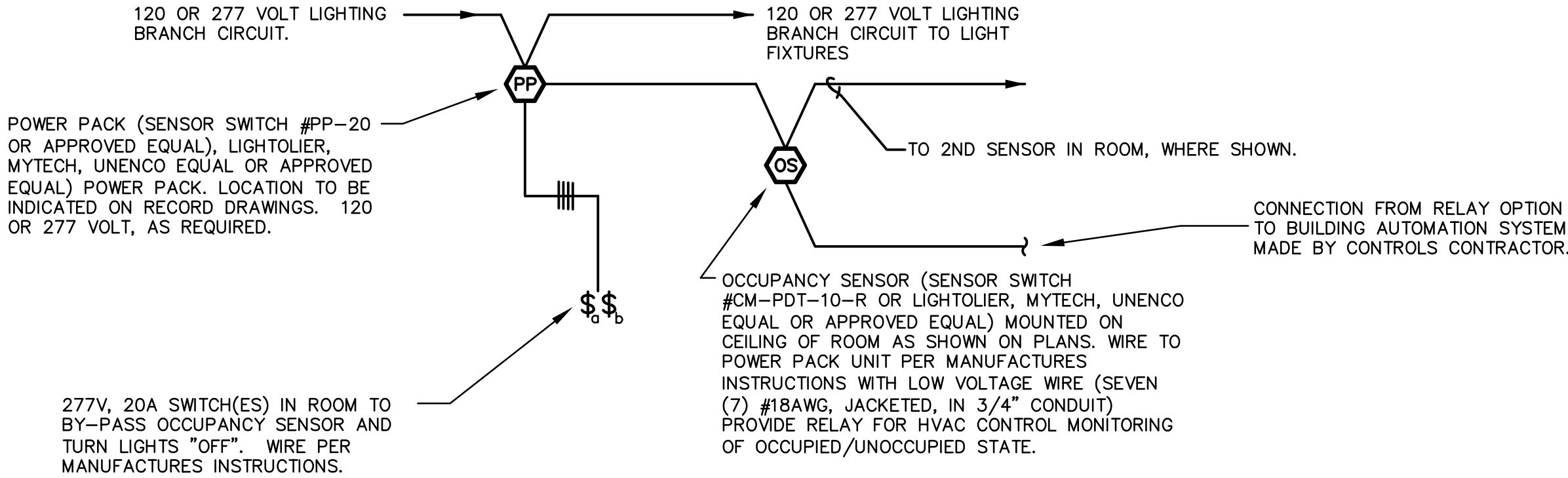
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LIGHT FIXTURE SCHEDULE GENERAL NOTES

- 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:
 - 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.
- SPARE BALLASTS: CONTRACTOR SHALL FURNISH TO THE OWNER AT COMPLETION 3% OF EACH FLUORESCENT BALLAST WITH A MINIMUM OF 5 OF EACH TYPE.



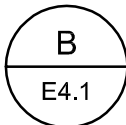
GENERAL NOTES.

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.

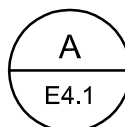


TYPICAL CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL WIRING DIAGRAM

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
A3	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 # SPS2GRAV1332277/*/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
B	SUSPENDED LINEAR FLUORESCENT FIXTURE WITH EXTRUDED ALUMINUM HOUSING, SEMI--SPECULAR PARABOLIC LOUVER, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	PAL # TRS02 0 XX CT TP4 PB3 COOPER # TBWB2151C277AC48STLENGTH LIGHTOLIER #EG22GRP/*/2/W	(2) F54T5HO/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 ADVANCE MARK 7 DIMMING BALLAST.				
C	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 # SPS2GRAV132277/*/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/AHS/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/AHS/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	GOHAM # AF 1/32TRT 8AR 277 GLR TRW PORTFOLIO # C7141/*/7151LWF/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.	GOHAM # AF 2/32TRT 8AR 277 GLR TRW PORTFOLIO # C7142/*/7151LWF/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 DIRECTIONAL ARROWS.	LITHONIA # LESW1R SURE--LITE # CAX610000RW LIGHTOLIER # LDSAURW	LED	PROVIDE RED LETTERING ON CLEAR FACE. INSTALL WALL MOUNTED EXIT SIGNS AT 8'-0" AFF TO BOTTOM OF FIXTURE. ALL EXIT LIGHTS SHALL BE UNIVERSALLY MOUNTABLE	277V
X2	SAME AS X1 EXCEPT DOUBLE FACE. PROVIDE RED LETTERING ON MIRROR FACE.				



LIGHT FIXTURE SCHEDULE

Scale: NONE



studio kramer architects



NELSON COUNTY SCHOOL DISTRICT
288 WILDCAT LANE
BARDSTOWN, KENTUCKY 40004

ELECTRICAL SCHEDULES AND DETAILS

NELSON COUNTY SCHOOLS - WEST CAMPUS
THOMAS NELSON H.S.
PHASE III

2885 NEW SHEPHERDSVILLE ROAD (HWY 245) BARDSTOWN, KENTUCKY 40004

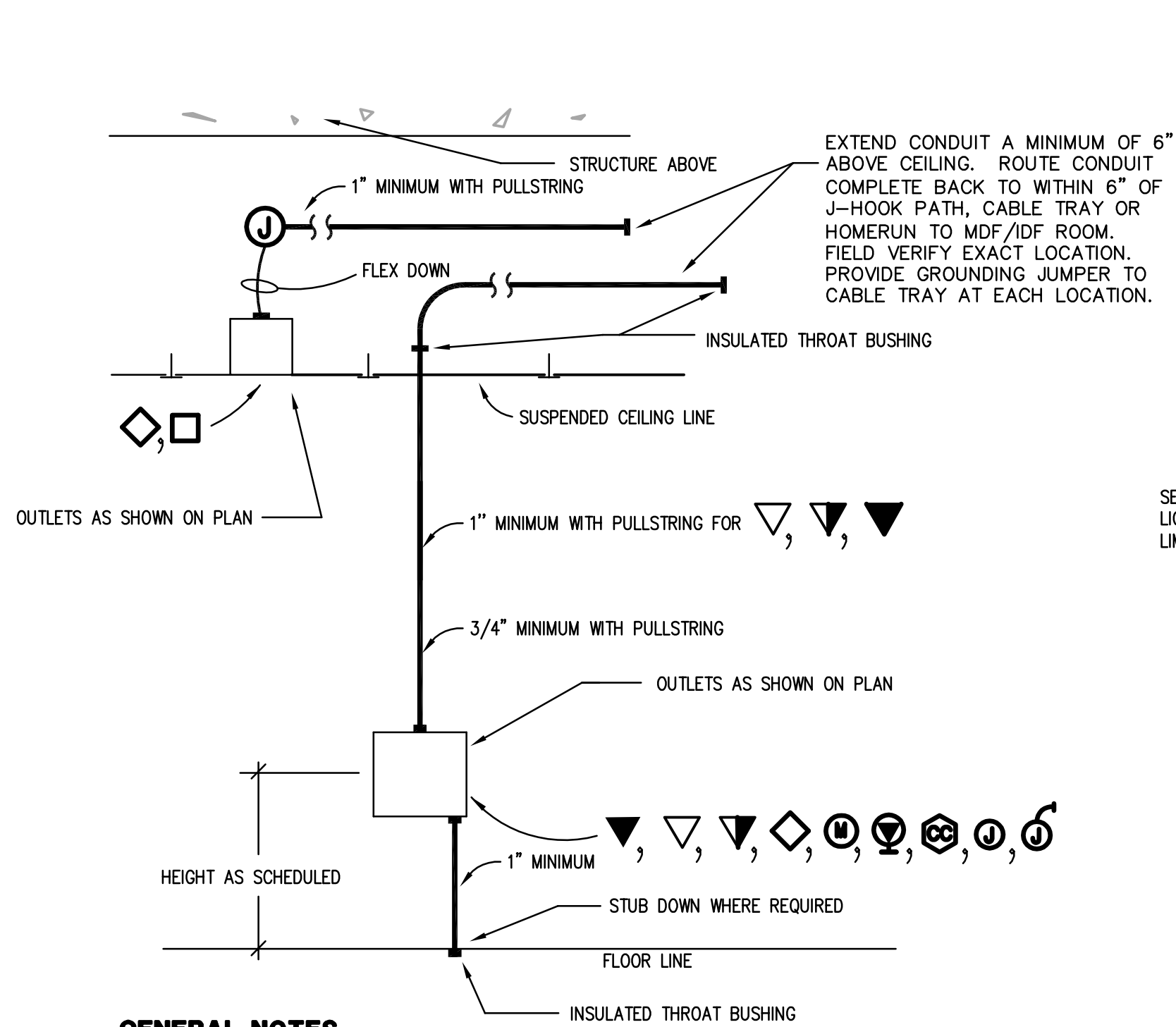
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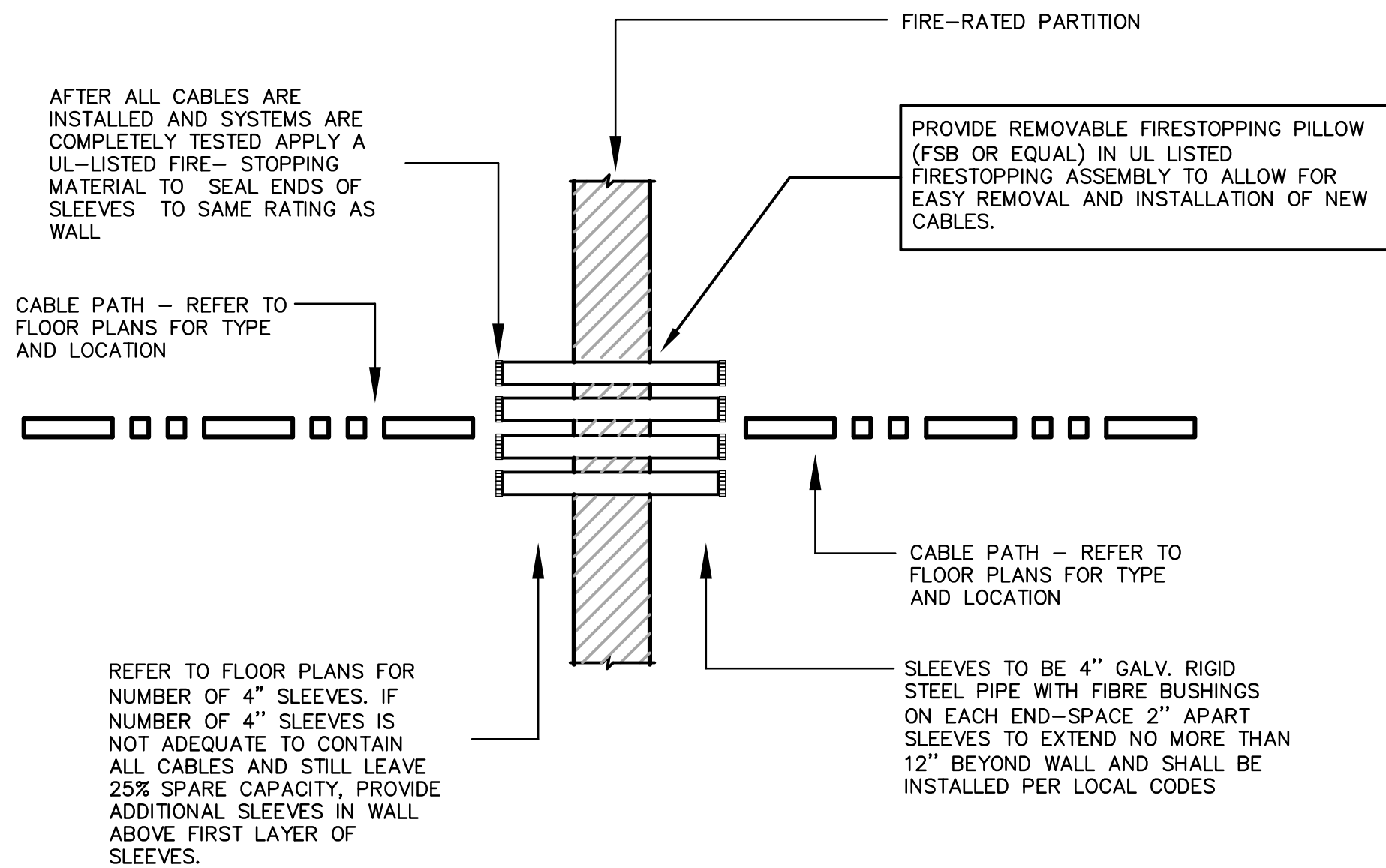


GENERAL NOTES.

- EXTEND CONDUIT TO NEAREST WIRING PATH UNLESS CABLING TERMINATES AT ANOTHER OUTLET IN THE SAME ROOM (IN WHICH CASE, STUB CONDUIT OUT ABOVE THE ROOM'S SUSPENDED CEILING). REFER TO GENERAL NOTES LOCATED ON ALL SYSTEM'S DRAWINGS.
- WHERE OPEN CABLING IS INSTALLED WITHIN ENVIRONMENT AIR PLENUMS, SUCH CABLING SHALL MEET NEC REQUIREMENTS FOR SUCH INSTALLATIONS.
- 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.

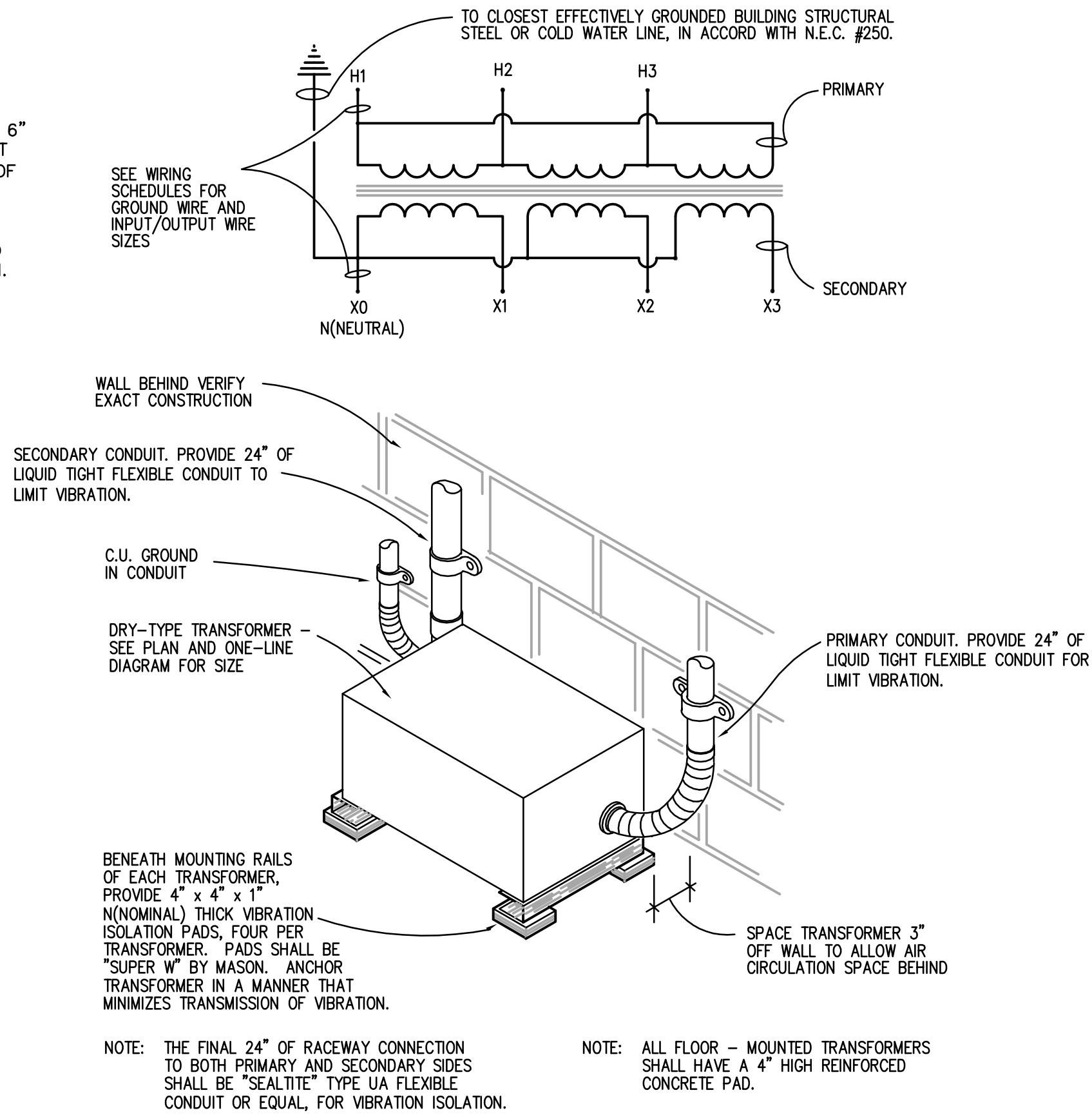
E4.2 ROUGH-IN DETAIL FOR STUB OUTS

Scale: NO SCALE



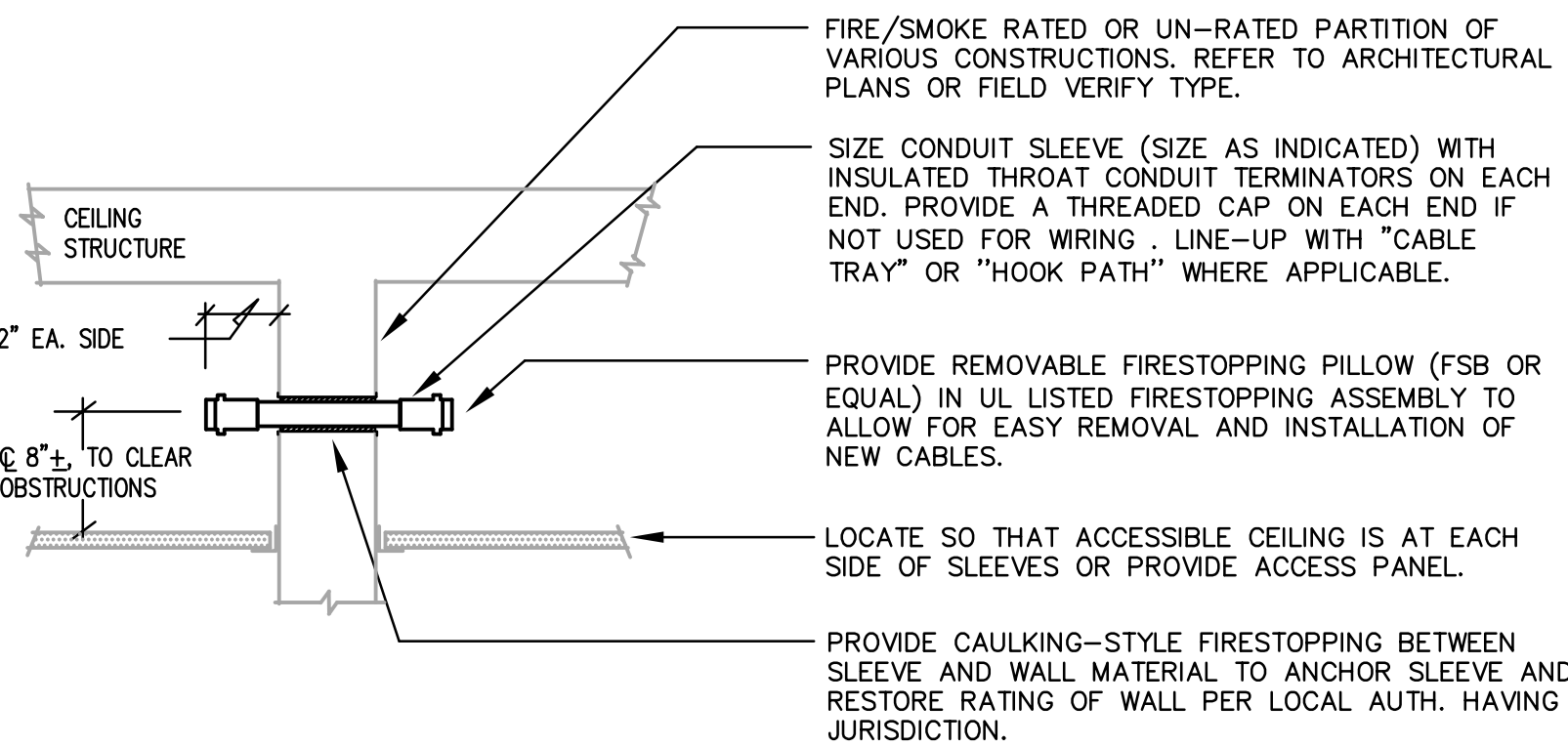
F4.2 DETAIL OF CABLING PATH PENETRATION THOROUGH RATED WALL

Scale: NO SCALE



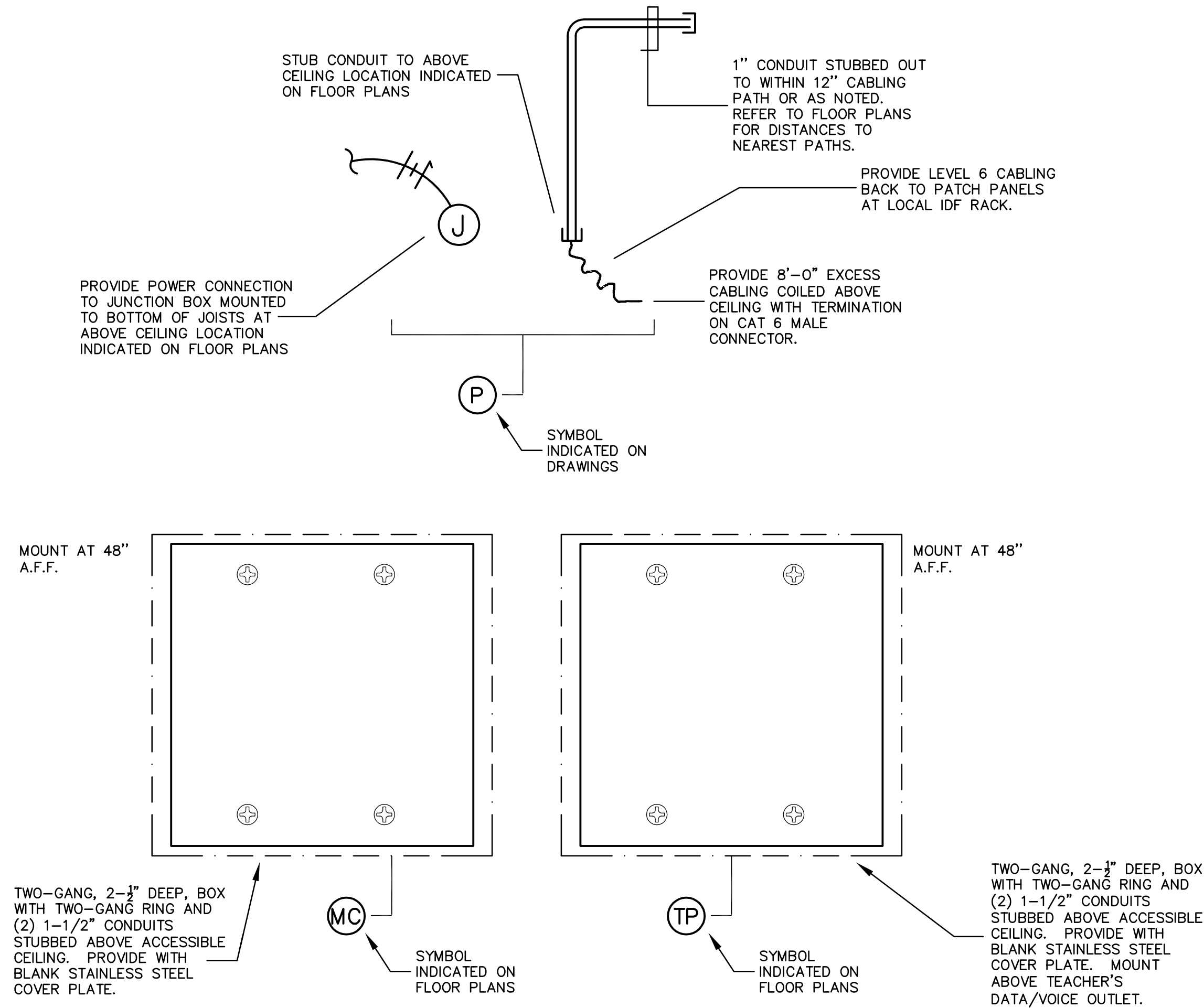
C4.2 TYPICAL DRY-TYPE TRANSFORMER INSTALLATION DETAIL

Scale: NO SCALE



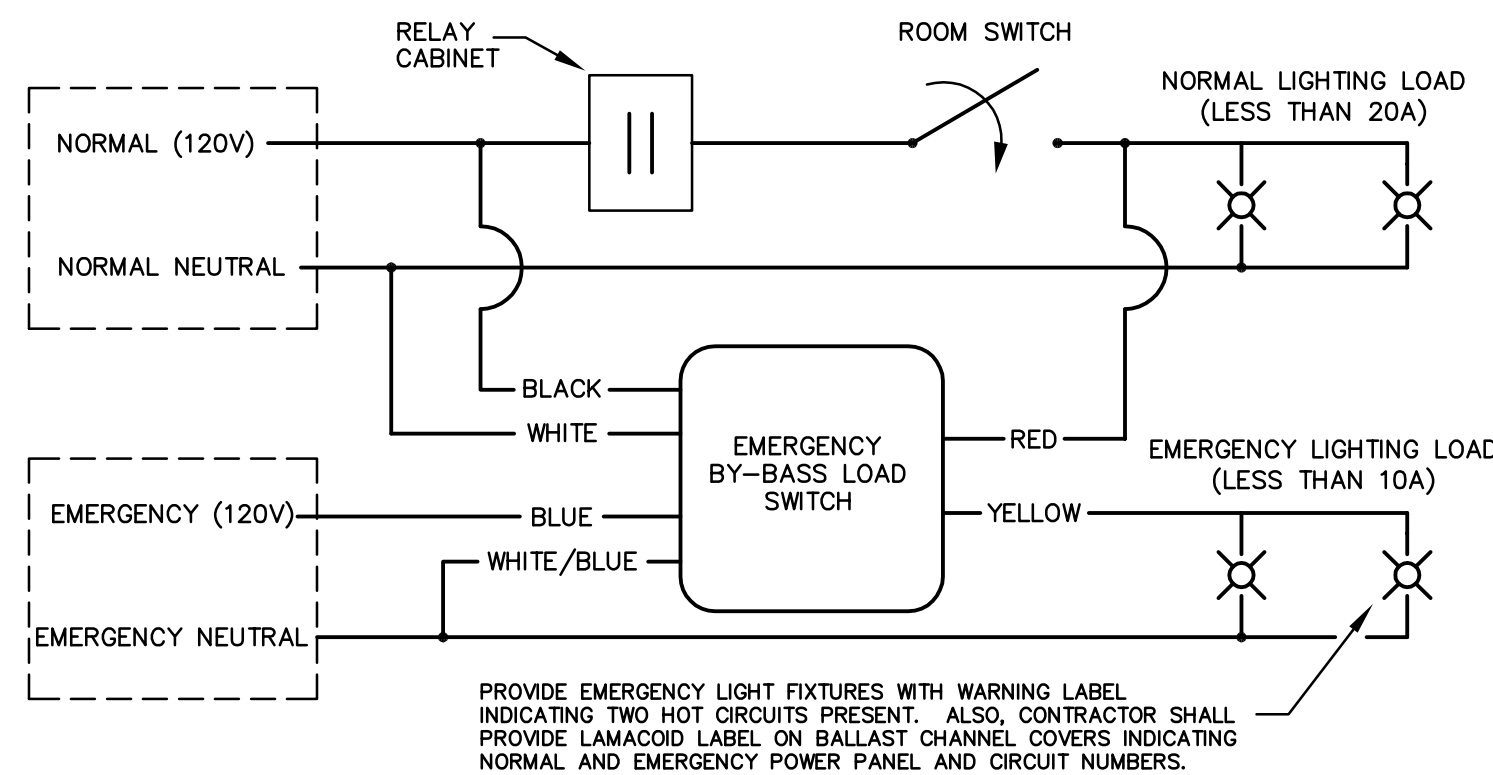
D4.2 SYSTEMS CABLING SLEEVE INSTALLATION DETAIL

Scale: NO SCALE



B4.2 DETAIL OF TYPICAL CLASSROOM MULTIMEDIA SYSTEM ROUGH-INS

Scale: NONE



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.

NOTES: 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.

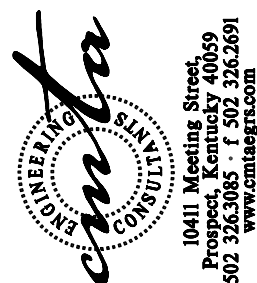
B4.2 EMERGENCY BY-PASS LIGHTING RELAY WIRING DIAGRAM

Scale: NONE



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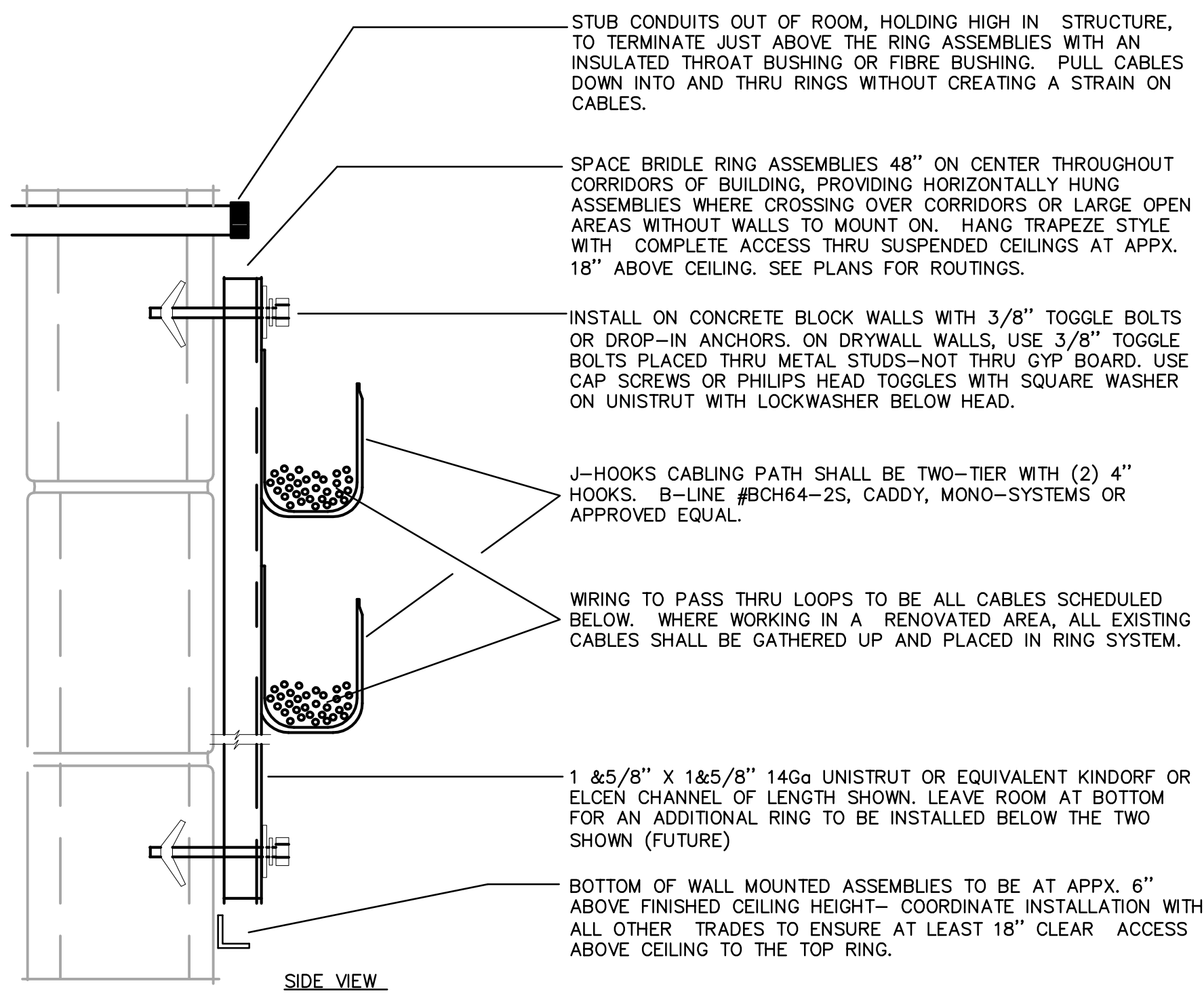
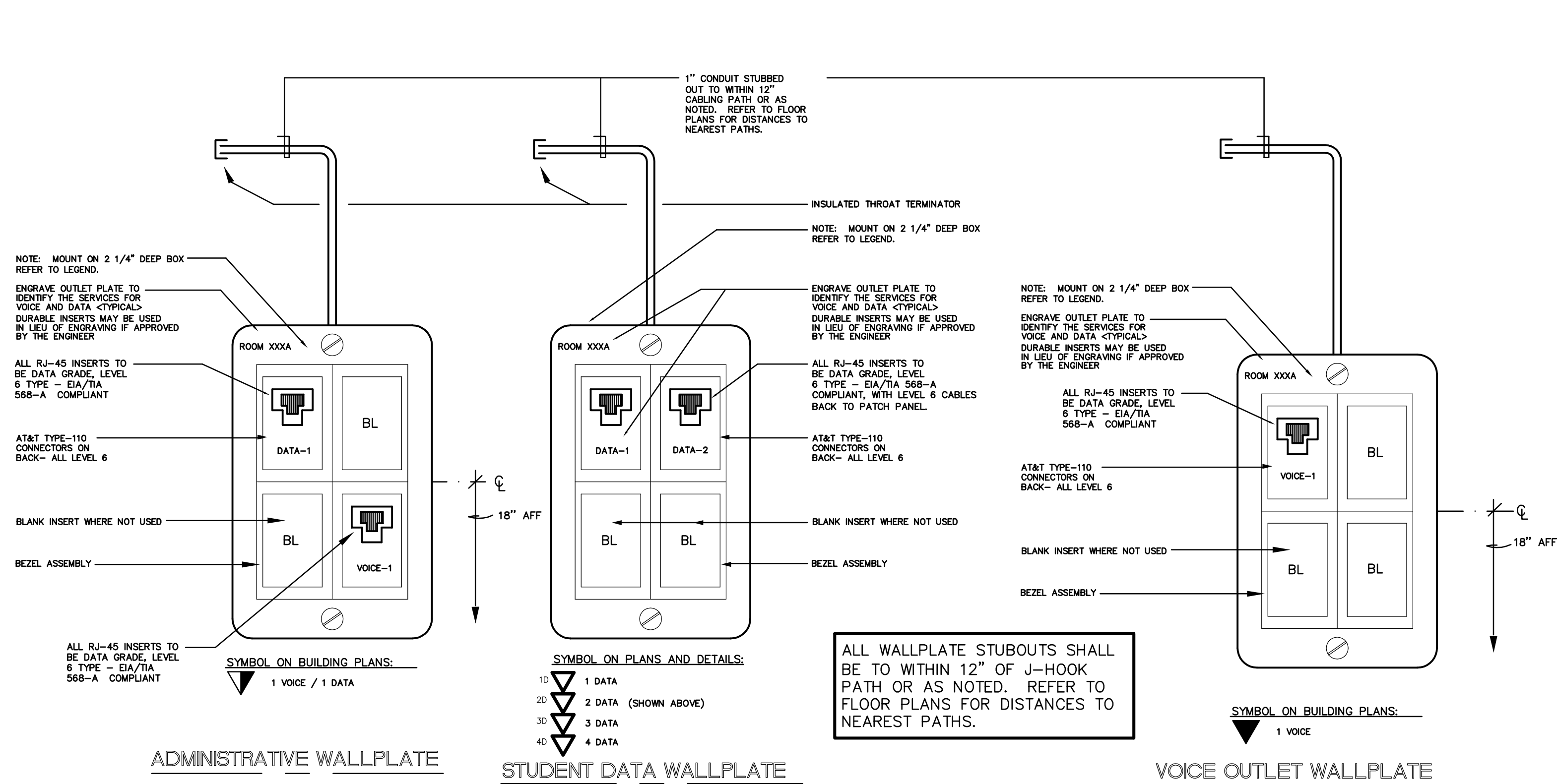
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"J-HOOK" CABLING PATH INSTALLATION DETAIL


Scale: NO SCALE

DETAIL OF WALLPLATE TYPES FOR VOICE/DATA SYSTEMS

Scale: NO SCALE



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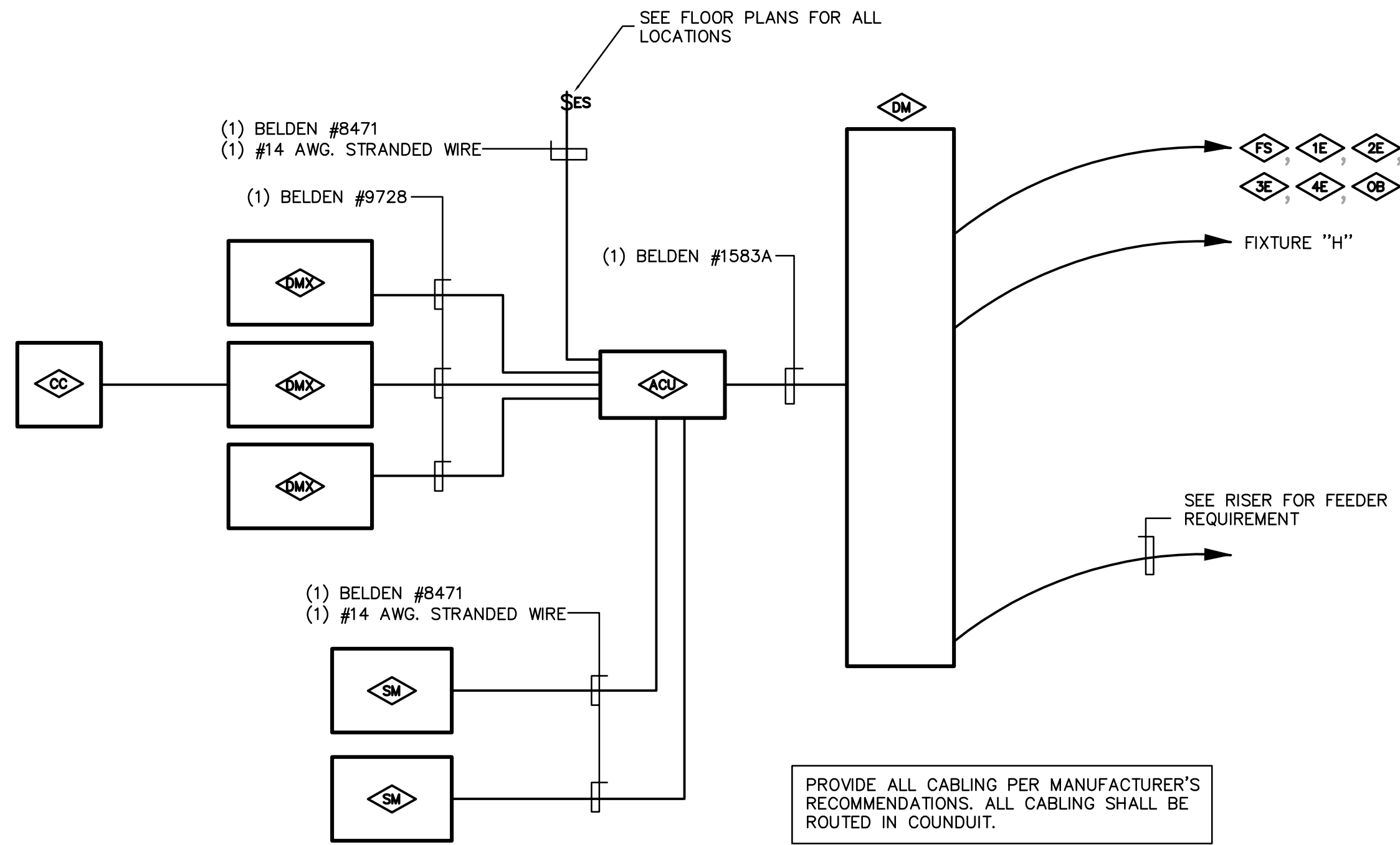
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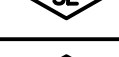



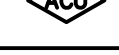

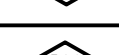
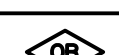

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AUDITORIUM DIMMING SCHEDULES AND DETAILS

SYMBOL	DESCRIPTION	PART NO.
	FRONT STAGE LIGHTING.	SEE SPECS.
	FIRST ELECTRIC LIGHTING.	SEE SPECS.
	SECOND ELECTRIC LIGHTING.	SEE SPECS.
	THIRD ELECTRIC LIGHTING.	SEE SPECS.
	FOURTH ELECTRIC LIGHTING.	SEE SPECS.
	ENTRY SWITCH.	SEE SPECS.
	STAGE MANAGER PANEL. 12 BUTTON, 7 FADE UNIT.	SEE SPECS.
	ARCHITECTURE CONTROL UNIT.	SEE SPECS.
	CONTROL STATION OUTLET.	SEE SPECS.
	CONTROL CONSOLE.	SEE SPECS.
	LIGHTING DIMMER RACK.	SEE SPECS.
	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
48	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W

DIMMING CABINET "DM" SCHEDULE :				
CIRCUIT	DESCRIPTION	BREAKER	DIMMING MODULE	LOAD
49	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
50	SECOND ELECTRIC	1P20	INC 2.4-KW	1500 W
51	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
52	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
53	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
54	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
55	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
56	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
57	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
58	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
59	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
60	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
61	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
62	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
63	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
64	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
65	THIRD ELECTRIC	1P20	INC 2.4-KW	1500 W
66	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
67	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
68	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
69	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
70	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
71	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
72	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
73	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
74	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
75	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
76	FOURTH ELECTRIC	1P20	INC 2.4-KW	1500 W
77	FOURTH ELECTRIC	1P20	INC 2.4-KW	0 W
78	SPARE	1P20	INC 2.4-KW	0 W
79	SPARE	1P20	INC 2.4-KW	0 W
80	SPARE	1P20	INC 2.4-KW	0 W
81	SPARE	1P20	INC 2.4-KW	0 W
82	SPARE	1P20	INC 2.4-KW	0 W
83	SPARE	1P20	INC 2.4-KW	0 W
84	SPARE	1P20	INC 2.4-KW	0 W
85	SPARE	1P20	INC 2.4-KW	0 W
86	HOUSE LIGHTING	1P20	INC 2.4-KW	600 W
87	HOUSE LIGHTING	1P20	INC 2.4-KW	800 W
88	HOUSE LIGHTING	1P20	INC 2.4-KW	860 W
89	HOUSE LIGHTING	1P20	INC 2.4-KW	1170 W
90	HOUSE LIGHTING	1P20	INC 2.4-KW	780 W
91	SPARE	1P20	INC 2.4-KW	0 W
92	SPARE	1P20	INC 2.4-KW	0 W
93	SPARE	1P20	INC 2.4-KW	0 W
94	SPARE	1P20	INC 2.4-KW	0 W
95	STEP LIGHTING	1P20	INC 2.4-KW	100 W
96	SPARE	1P20	INC 2.4-KW	0 W



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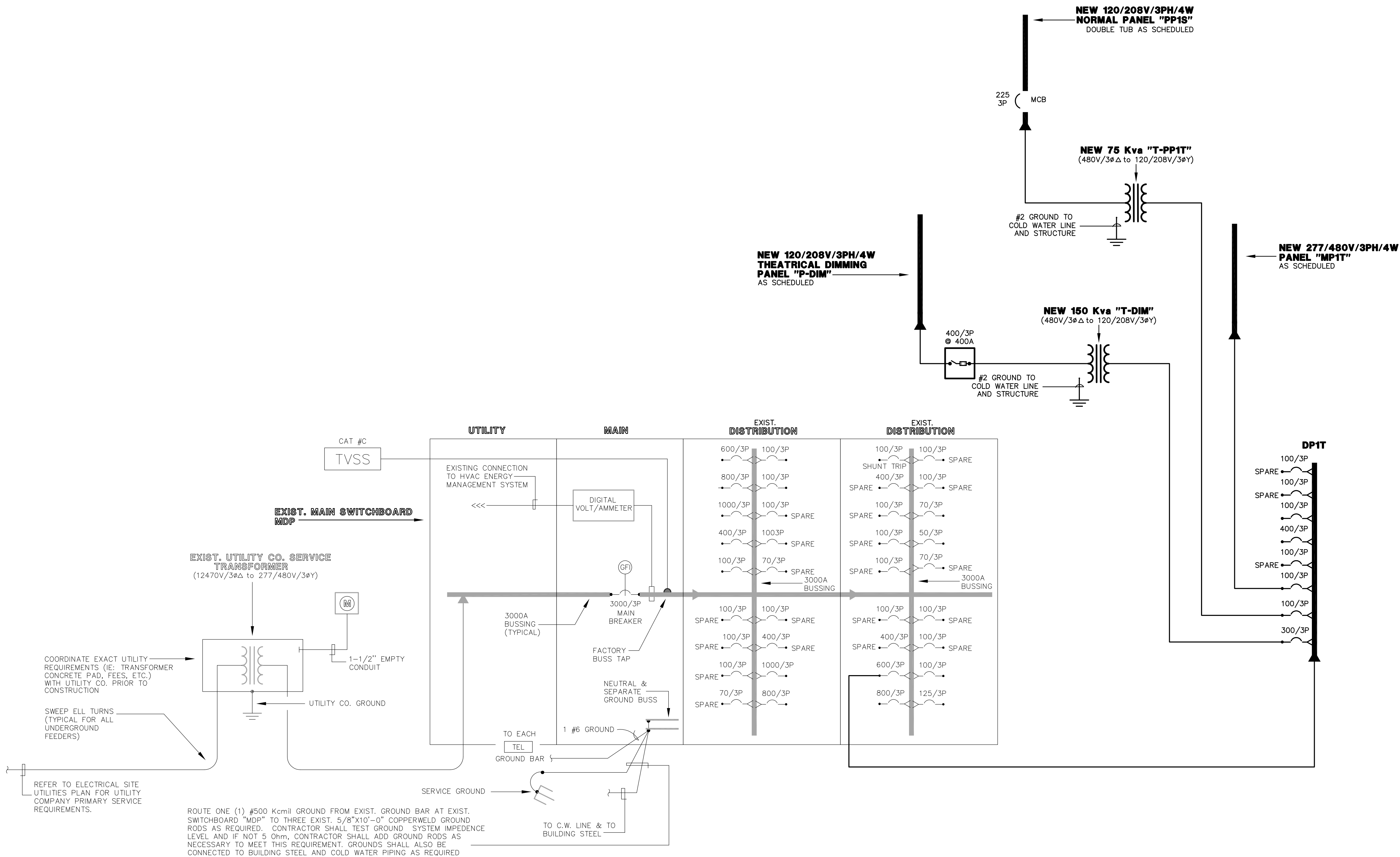
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2885 NEW SHEPHERDSVILLE ROAD (HWY 245)

BARDSTOWN, KENTUCKY 40004

A triangle with the number 1 inside it.

 \wedge 

* REFER TO POWER RISER FOR SIZES.
GFI PROVIDE G.F.C.I. 20A/1P TYPE CIRCUIT BREAKER.

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