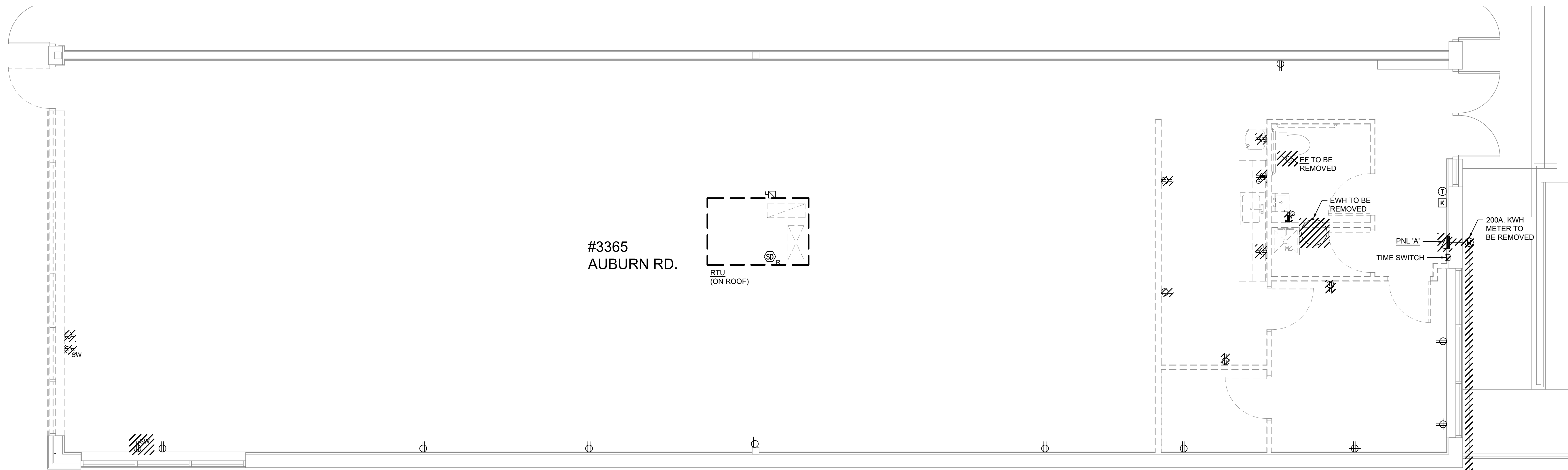
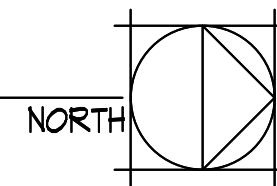


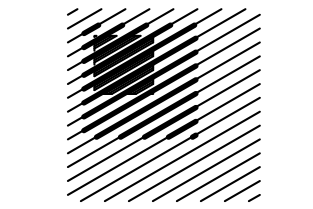
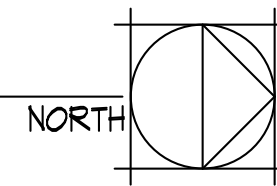
FLOOR PLAN - LIGHTING DEMOLITION

SCALE: 1/4" = 1'-0"



FLOOR PLAN - POWER & SYSTEMS DEMOLITION

SCALE: 1/4" = 1'-0"



**NOT FOR CONSTRUCTION**



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**KITCHEN HOOD FIRE SYSTEM DISCHARGE SEQUENCE OF OPERATION**

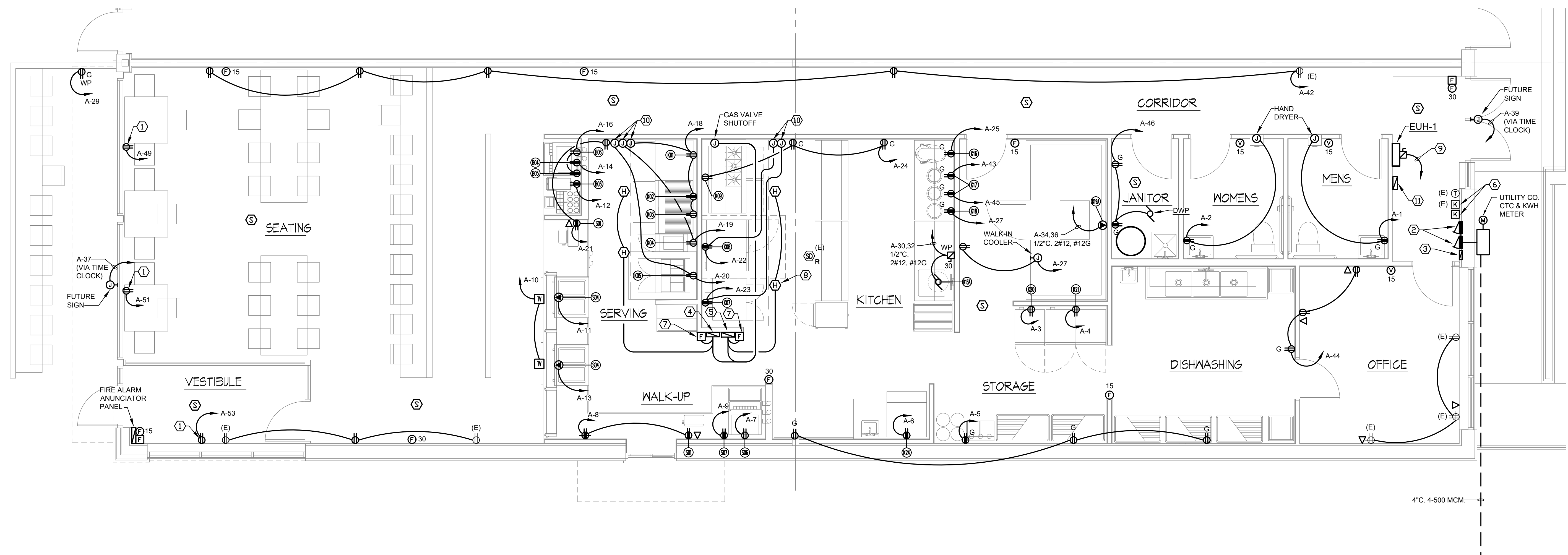
1. When the following conditions occur, there will be a trigger of the fire suppression system:
  - 1.a. The inlet aperture air duct fusible links fails.
  - 1.b. The temperature high limit switch is activated.
  - 1.c. The fire pull station is activated.
2. When the fire suppression system triggers, the following sequence occurs:
  - 2.a. The fire suppression system is discharged through nozzles directed at the cooking surfaces.
  - 2.b. The relay disengages electrical power to the kitchen equipment under the hood and the gas valve closes.
  - 2.c. The fire alarm micro switch is energized notifying the event.
  - 2.d. The LCD display panel micro switch contact is energized providing visual notification to the operator that the fire system has been discharged.
  - 2.e. The ventilation fan system continues operation to pull fire suppression chemical into the inlet aperture and into the duct system thereby removing fire from the cooking surface (confirm with local AHJ).

**POWER GENERAL NOTES:**

1. REFER TO SHEET E00.01 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. CONFIRM EXACT LOCATION AND MOUNTING HEIGHT FOR ALL OUTLETS WITH OWNER/ARCHITECT/TENANT PRIOR TO ROUGH-IN.
3. CONFIRM EXACT LOCATION FOR ALL FLOOR BOXES WITH FURNITURE VENDOR/OWNER/ARCHITECT/TENANT PRIOR TO INSTALLATION.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE POWER, BOXES AND RACEWAYS FOR COMMUNICATION AND SECURITY SYSTEMS, EQUIPMENT, DEVICES, FACEPLATES AND CABLING BY OTHERS.
5. PROVIDE PULL STRING IN ALL EMPTY CONDUITS.
6. REFER TO POWER ONE-LINE DIAGRAM AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
7. ALL OUTLETS MOUNTED IN 1-HOUR FIRE RATED ASSEMBLIES SHALL BE PROVIDED WITH FIRE STOP PUTTY PADS BEHIND OUTLETS TO MAINTAIN THE 1-HOUR FIRE RATING. ALL FIRE STOPPING MATERIALS USED ON THE PROJECT SHALL MEET THE APPROVAL OF THE LOCAL AUTHORITY HAVING JURISDICTION.
8. PROVIDE AIR-VAPOR BARRIER BOXES FOR ALL BOXES INSTALLED IN WALLS WITH VAPOR BARRIERS. PROVIDE SEALANT AROUND WIRE PENETRATIONS AND TAPE TO SEAL VAPOR BARRIER TO BOX.
9. WHERE ENCLOSURES OR RACEWAYS ARE INSTALLED OUTDOORS ABOVE OR BELOW GRADE, THE INTERIOR OF THE RACEWAY SHALL BE CONSIDERED A WET LOCATION. PROVIDE CONDUCTORS THAT ARE LISTED FOR USE IN WET LOCATIONS.
10. CONDUCTORS INSTALLED IN CONDUIT EXPOSED TO SUNLIGHT ON OR ABOVE THE ROOFTOP SHALL HAVE THEIR AMPACITY DERATED IN ACCORDANCE WITH NEC 310.15(B)(2)(c).

**KEY NOTES: (K)**

1. SHOW WINDOW RECEPTACLE TO BE INSTALLED WITHIN 18" FROM TOP OF WINDOW.
2. PANEL 'RP-A' SECTIONS 1 & 2.
3. LIGHT #ARP-INTENC08-NLT-4SPR-MVOLT-HLK-FM-DTC LIGHTING RELAY CONTROL PANEL (TIME CLOCK). SEE LIGHTING CONTROL RISER DIAGRAM, SHEET E04.01 FOR MORE DETAIL.
4. HOOD #1 EXHAUST AND FIRE CONTROL PANEL. PROVIDE WIRING TO EXHAUST FAN, HOOD LIGHTS AND POWER SYSTEM CONTROL. PER VENDOR'S SHOP DRAWINGS. WIRE POWER & ECM CONTROLS FOR EXHAUST FAN KEF-1 THRU THIS PANEL. INTERLOCK WITH SHUNT-TRIPS UNDER HOOD AND GAS VALVE SOLENOID. FEED CONTROL PANEL FROM BREAKER A-47.
5. HOOD #2 EXHAUST FAN AND FIRE CONTROL PANEL. PROVIDE WIRING TO EXHAUST FANS, HOOD LIGHTS AND POWER SYSTEM CONTROL. PER VENDOR'S SHOP DRAWINGS. WIRE POWER & ECM CONTROLS FOR EXHAUST FANS KEF-2 & KEF-3 THRU THIS PANEL. INTERLOCK WITH SHUNT-TRIPS UNDER HOOD AND GAS VALVE SOLENOID. FEED CONTROL PANEL FROM BREAKER A-48.
6. REMOTE STATION FOR EXISTING RTU AND NEW DOAS SMOKE DETECTORS.
7. HOOD FIRE SUPPRESSION PULL STATION.
8. HEAT DETECTORS IN HOOD BY OTHERS, WIRING BY ELECTRICAL CONTRACTOR (TYPICAL).
9. CIRCUIT A-61.63.65. 3/4"C. 3#12, #12G.
10. PROVIDE FACELESS GFCI DEVICE TO PROVIDE GFCI PROTECTION T RECEPTACLES BEHIND KITCHEN EQUIPMENT.
11. FIRE ALARM CONTROL PANEL. FEED FROM CIRCUIT A-66.



**FLOOR PLAN - POWER NEW WORK**  
 SCALE: 1/4" = 1'-0"

**NOT FOR CONSTRUCTION**

**MEEC** mechanical electrical engineering consultants pc  
 14496 Sheldon Rd. Ste. 280  
 Plymouth, MI 48170  
 P 734-454-5516  
 F 734-454-5517  
 MEEC-208 01-01-01

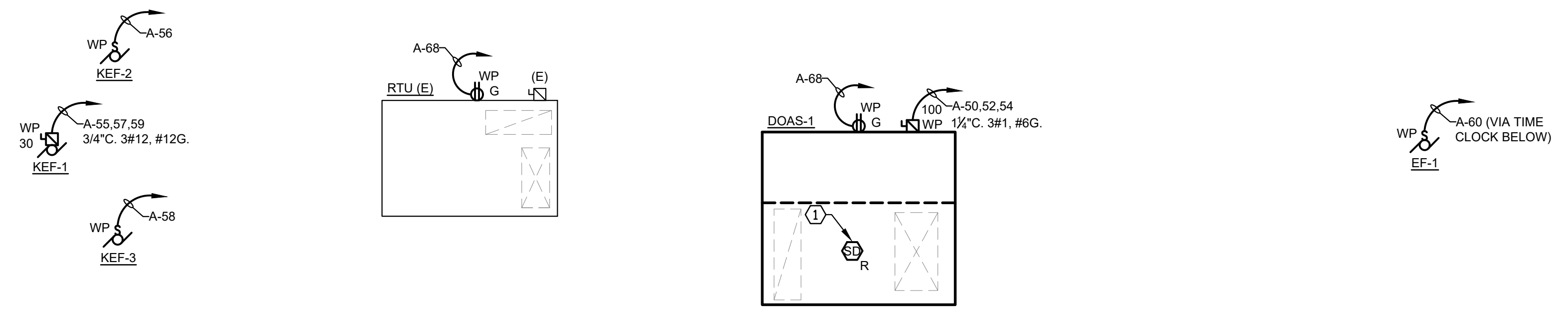
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**ROOF GENERAL NOTES:**

- REFER TO SHEET E00.01 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
- REFER TO POWER ONE-LINE DIAGRAM AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECT SWITCHES, STARTERS, CONDUITS AND WIRING, ETC. FOR ALL ROOFTOP EQUIPMENT UNLESS OTHERWISE NOTED.
- ALL BRANCH CIRCUIT WIRING SERVING EQUIPMENT AT THE ROOF SHALL BE PROVIDED WITH SEAL IN ACCORDANCE WITH NEC 300.7(A). FILL RACEWAY WITH A PLIABLE COMPOUND AT A CONDUIT BODY OR J-BOX AT THE POINT WHERE THE CONDUIT PASSES FROM THE INTERIOR TO EXTERIOR OF THE BUILDING. SEAL OFF FITTINGS ARE NOT REQUIRED.
- WHERE RACEWAYS ARE INSTALLED OUTDOORS ABOVE GRADE, THE INTERIOR OF THE RACEWAY SHALL BE CONSIDERED A WET LOCATION PER NEC. 300.9. PROVIDE CONDUCTORS THAT ARE LISTED FOR USE IN WET LOCATIONS, AS PER NEC 310.9(C).
- CONDUCTORS INSTALLED IN CONDUIT EXPOSED TO SUNLIGHT ON OR ABOVE THE ROOFTOP SHALL HAVE THEIR AMPACITY DERATED IN ACCORDANCE WITH NEC 310.15(B)(2)(c).
- INSTALL AND SUPPORT FEEDERS AND BRANCH CIRCUITS SO THERE IS NOT LESS THAN 1-1/2 INCHES FROM THE LOWEST SURFACE OF THE ROOF DECKING TO THE TOP OF THE CABLE, RACEWAY OR BOX. A CABLE, RACEWAY OR BAUX SHALL NOT BE INSTALLED IN CONCEALED LOCATIONS IN METAL-CORRUGATED SHEET DECKING-TYPE ROOF.

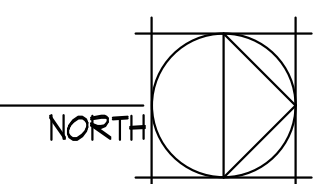
**KEY NOTES:** (#)

- FACTORY-MOUNTED RETURN AIR DUCT SMOKE DETECTOR. WIRE TO REMOTE TEST/ANNUNCIATOR STATION ON LEVEL BELOW. CIRCUIT A-64.



**ROOF PLAN - POWER NEW WORK**

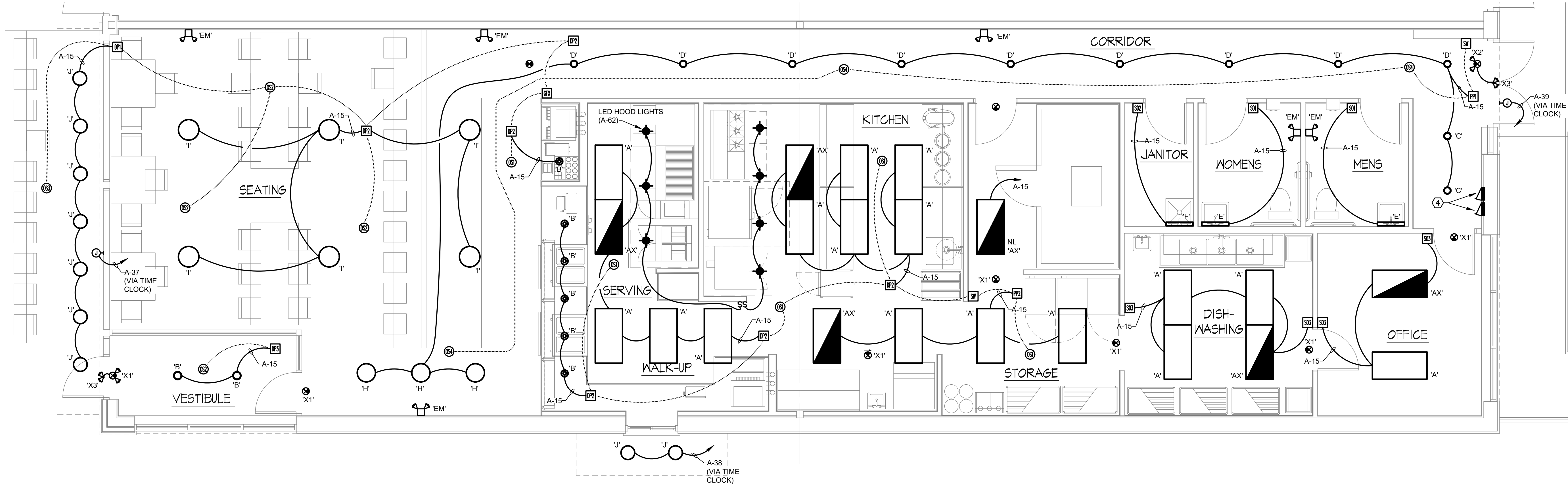
SCALE: 1/4" = 1'-0"



**NOT FOR CONSTRUCTION**

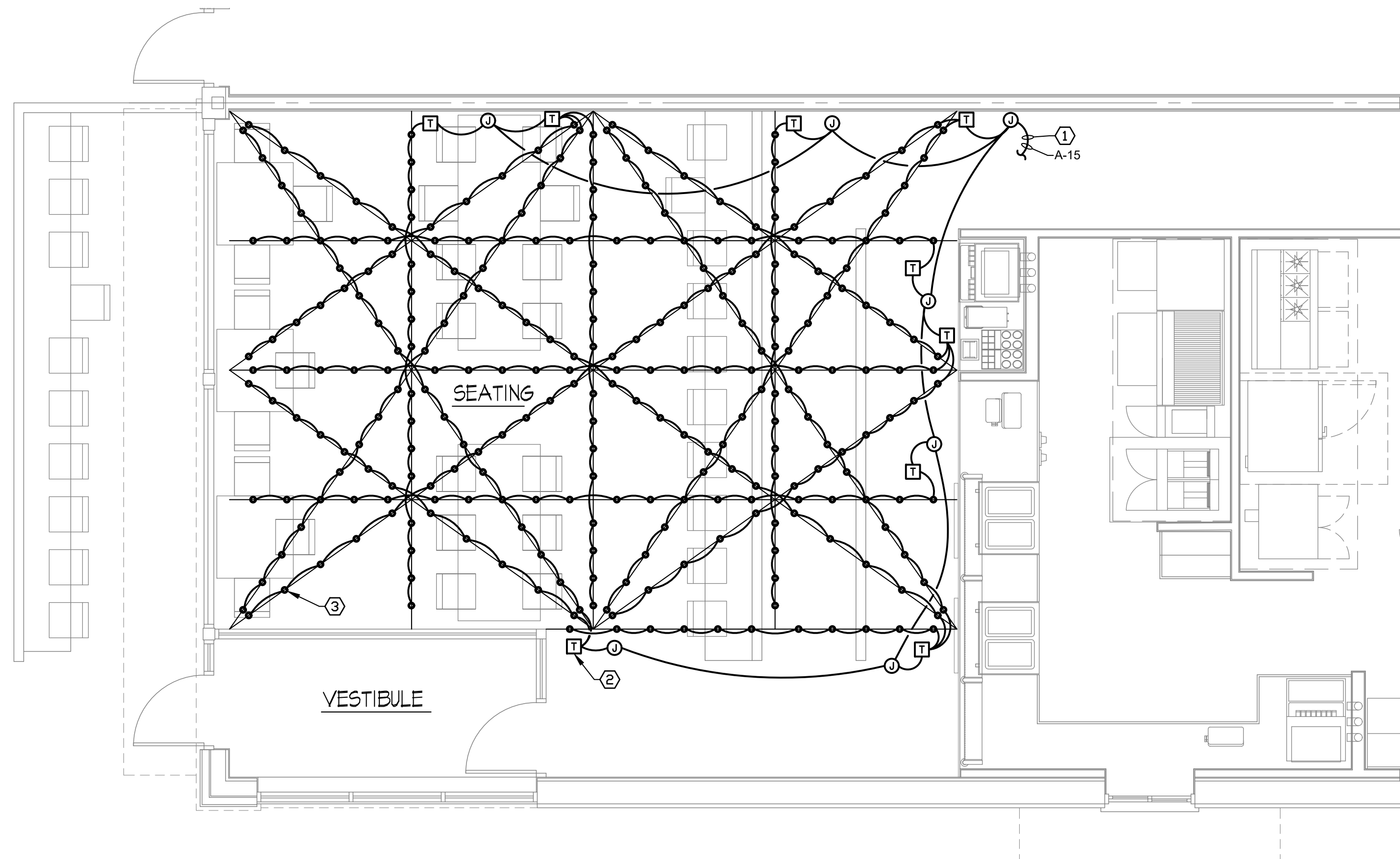
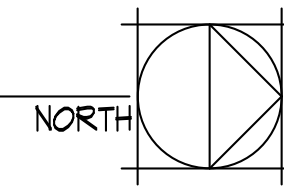


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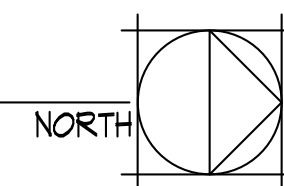
FLOOR PLAN - LIGHTING NEW WORK

SCALE: 1/4" = 1'-0"



FLOOR PLAN - ADDITIONAL DINING LIGHTING NEW WORK

SCALE: 1/4" = 1'-0"



**LIGHTING GENERAL NOTES:**

1. REFER TO SHEET E00.01 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. REFER TO SHEET E05.01 FOR LIGHTING FIXTURE SCHEDULE AND CONTROLS LEGEND.
3. EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT SERVING THE LOCAL AREA LIGHTING, AHEAD OF ALL SWITCHES/RELAYS/CONTROLS.
4. ALL EXIT AND EMERGENCY LIGHTING SHALL BE UL-924 LISTED AND SHALL PROVIDED MINIMUM 90-MINUTE BATTERY BACKUP.
5. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL EXTERIOR BUILDING MOUNTED LIGHTING FIXTURES.

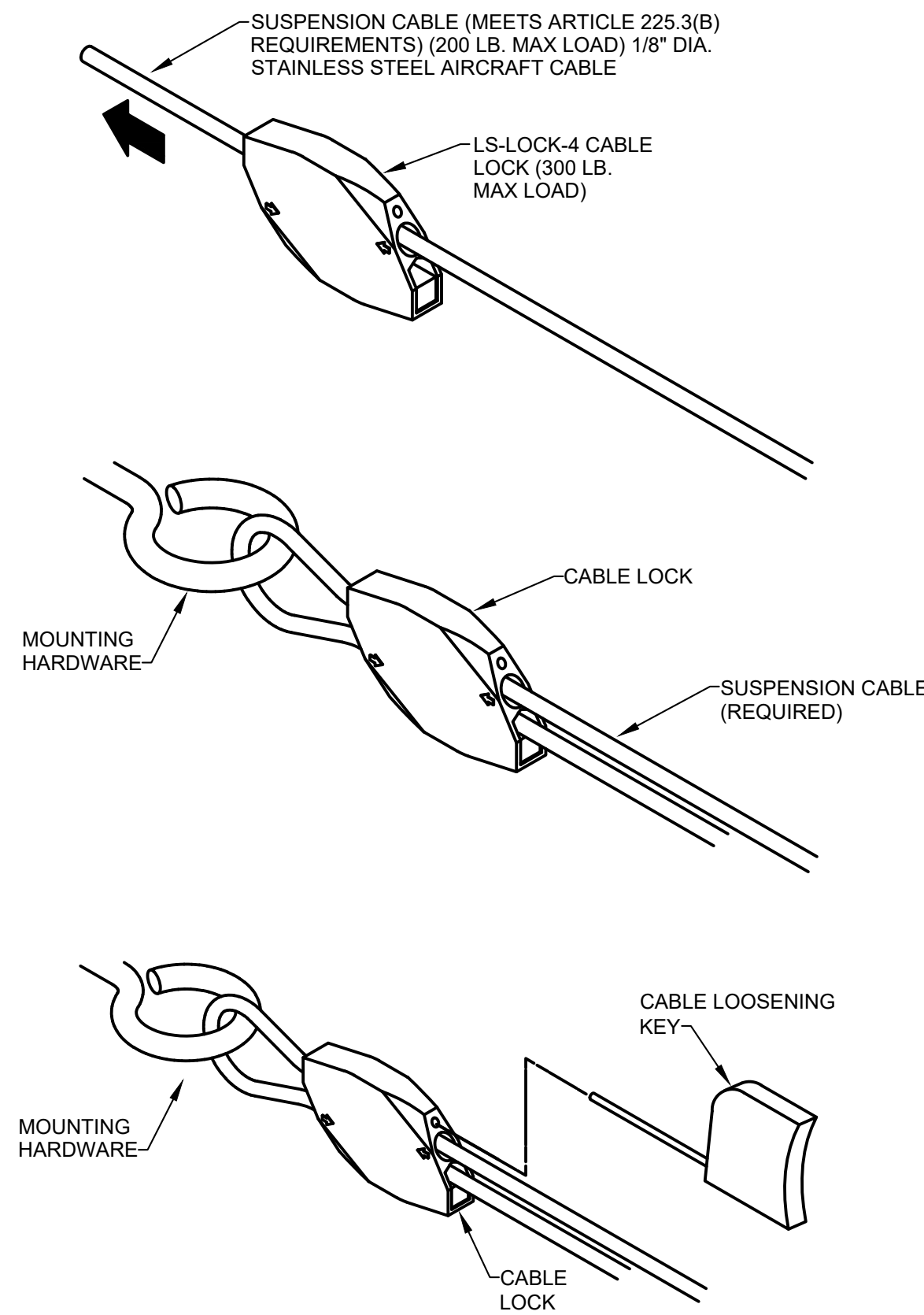
**KEY NOTES:** (H)

1. CONTINUE TO DIMMING POWER PACK 'DP2' SEEN ON DRAWING 'LIGHTING - NEW WORK', THIS SHEET.
2. TIVOLI #ADNM-320-4-5-12-DOT 120/277VAC-12VDC TRANSFORMER (TYPICAL). SEE SHEET E04.01 FOR WIRING DIAGRAM.
3. LIGHT FIXTURE 'G' (TYPICAL). SEE SHEET E03.01 FOR SUSPENSION DETAILS.
4. PANEL 'RP-A' SECTIONS 1 & 2.

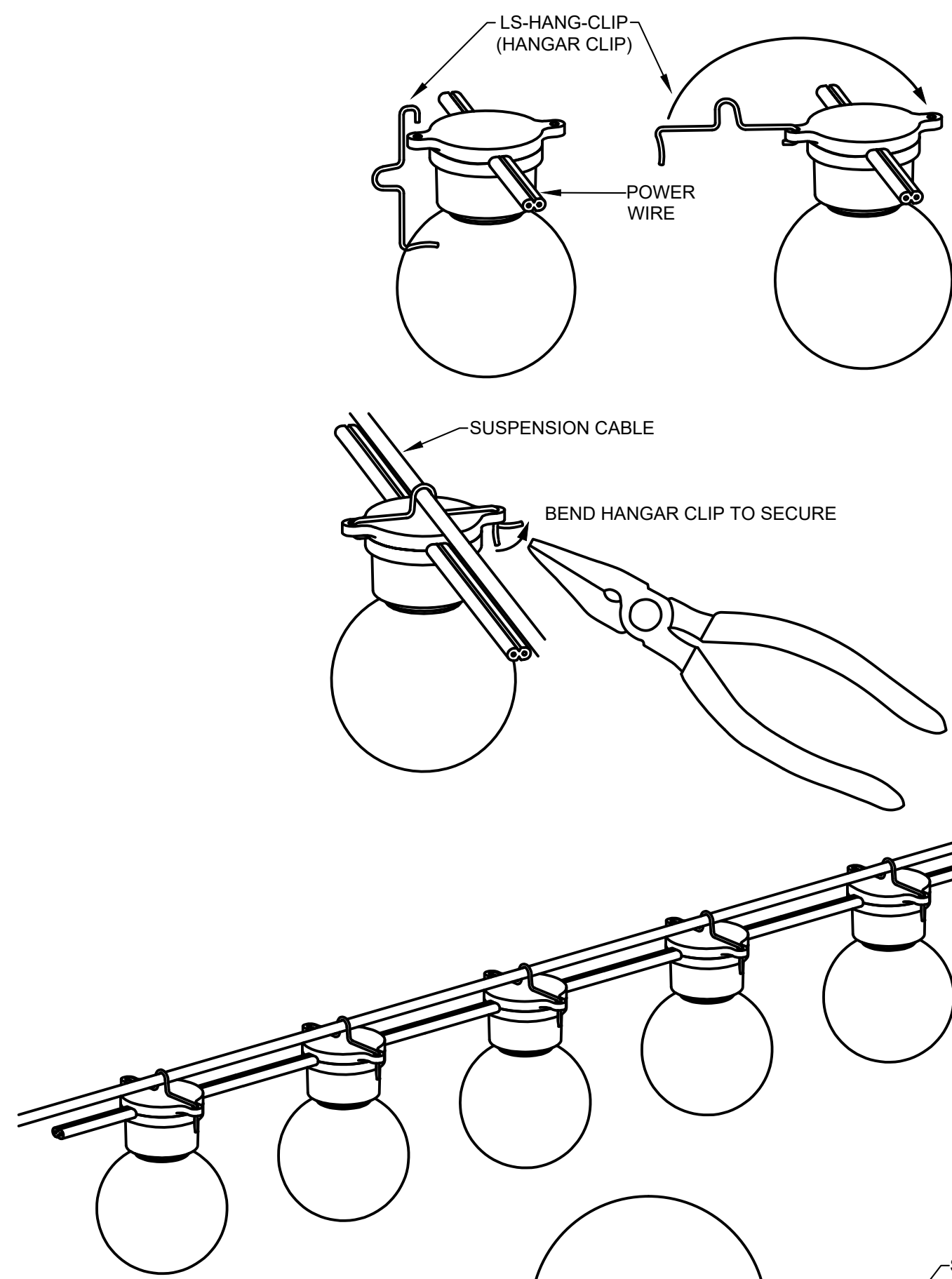
**NOT FOR  
CONSTRUCTION**



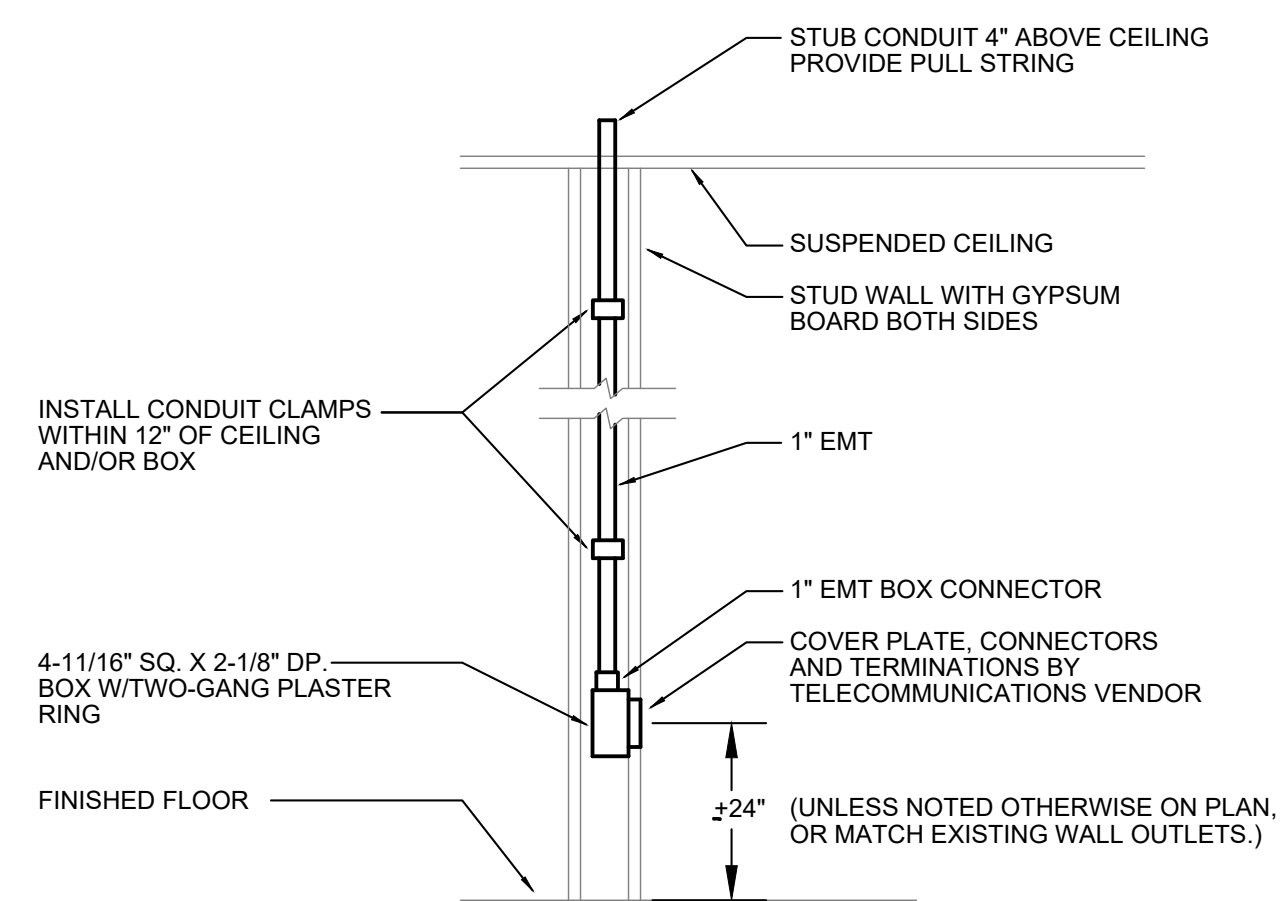
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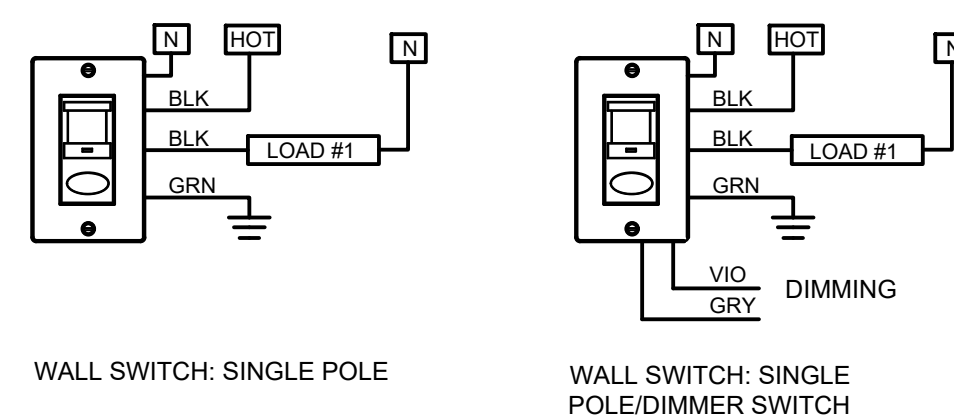
**AIRCRAFT CABLE SUSPENSION DETAIL**  
N.T.S.



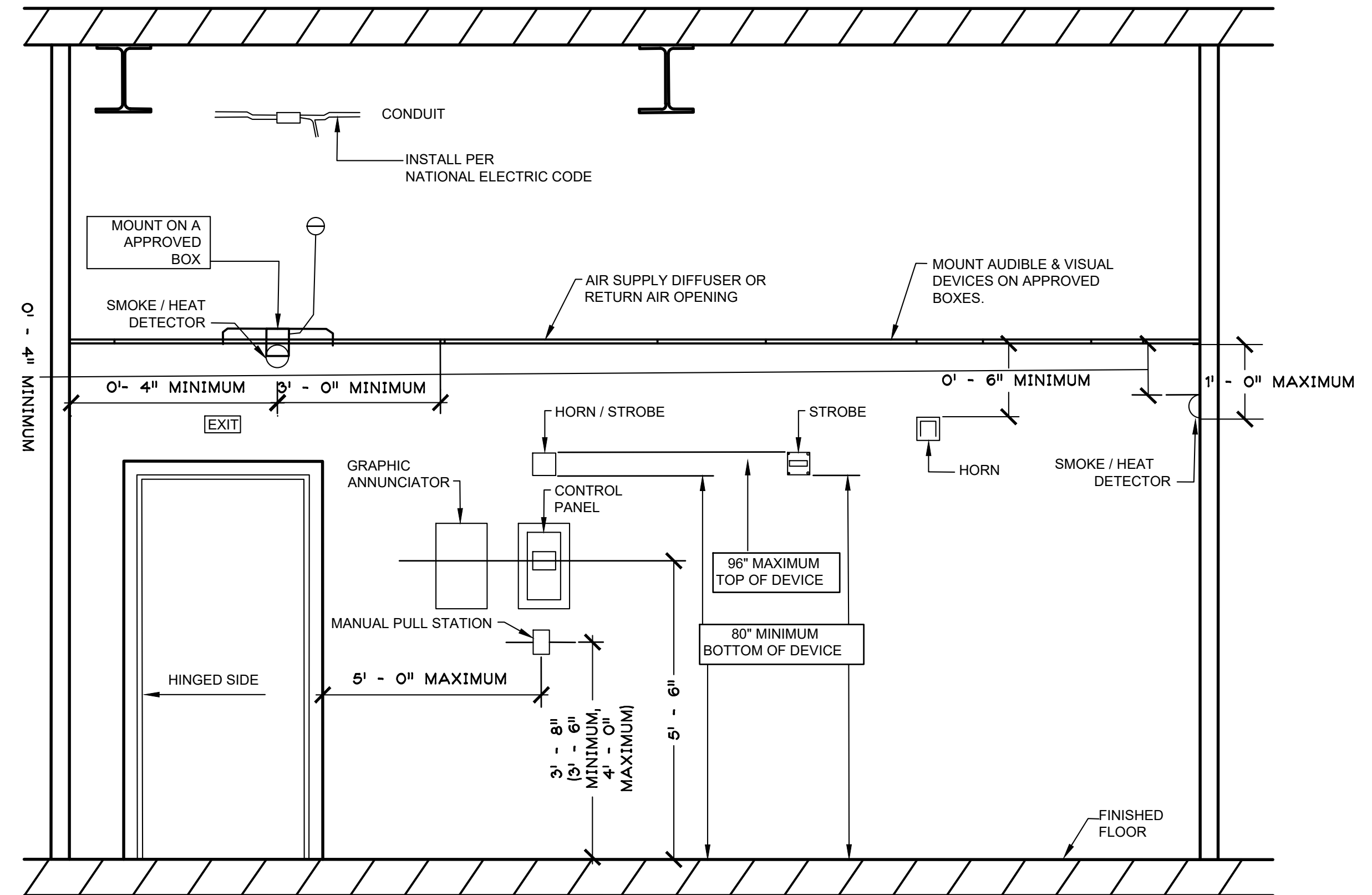
**STRING LIGHT SUSPENSION DETAIL**  
N.T.S.



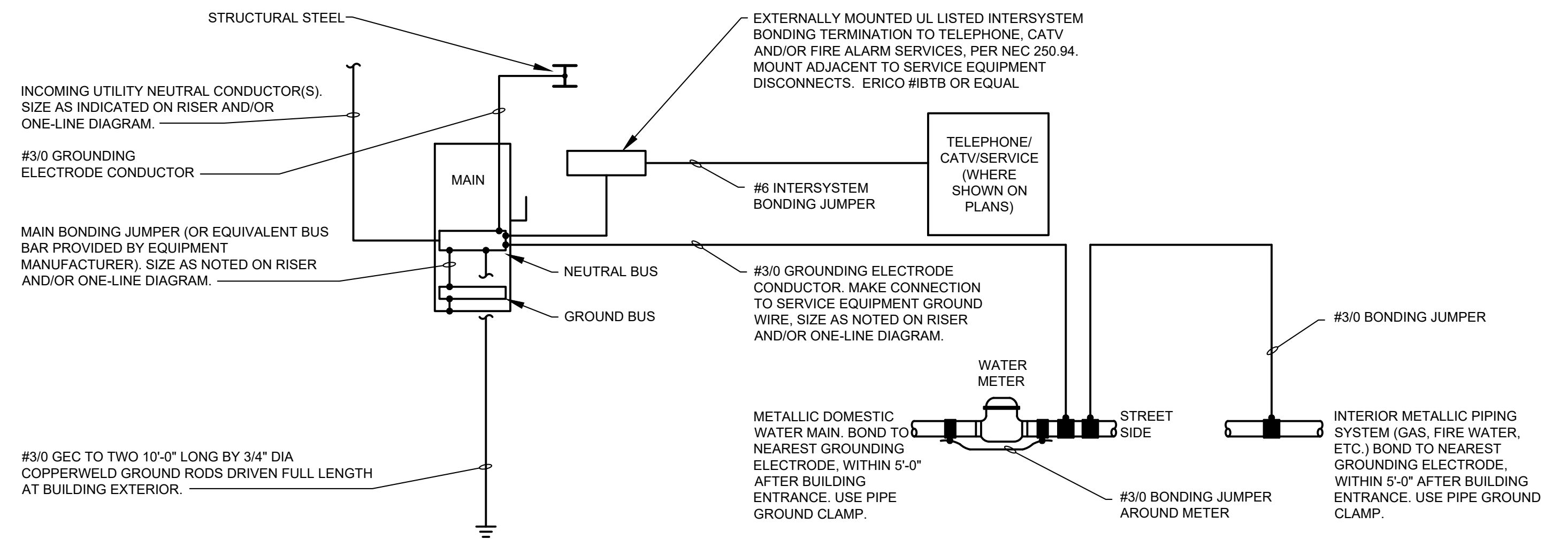
**TYPICAL COMMUNICATIONS OUTLET DETAIL**  
N.T.S.



**TYPICAL OCCUPANCY WALL SWITCH WIRING DETAIL**  
N.T.S.



**FIRE ALARM DEVICE DETAIL**  
N.T.S.



**ELECTRICAL GROUNDING & BONDING DETAIL**  
N.T.S.

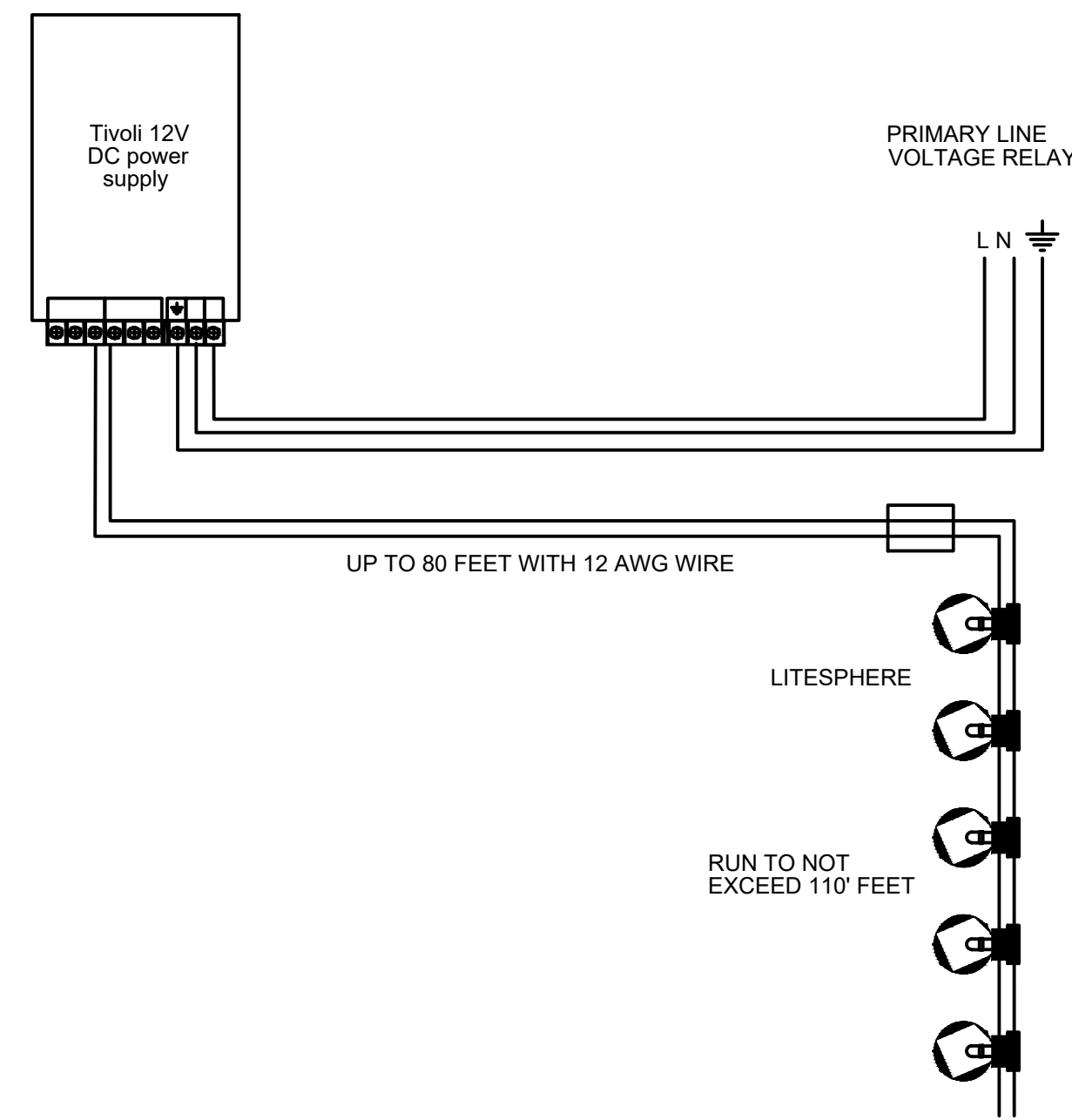
**NOTES:**

1. COMPLETE GROUNDING INSTALLATION SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
2. ALL CONDUCTORS ARE BARE STRANDED COPPER, UNLESS NOTED OTHERWISE.
3. ALL UNDERGROUND CONNECTIONS AND CONNECTIONS IN INACCESSIBLE LOCATIONS SHALL BE EXOTHERMIC WELD TYPE. UL LISTED MECHANICAL CONNECTORS CAN BE USED ABOVE GRADE IN ACCESSIBLE LOCATIONS, WHERE ALLOWABLE BY NEC.
4. PROVIDE SUPPLY-SIDE BONDING JUMPERS IN ALL SERVICE EQUIPMENT BETWEEN LINE SIDE CONDUIT GROUNDING BUSHINGS AND NEUTRAL/EQUIPMENT GROUND BUS. WIRE SIZE SHALL BE EQUIVALENT TO THE MAIN BONDING JUMPER AND SERVICE EQUIPMENT GROUND WIRE SIZE AS NOTED ON THE RISER DIAGRAM AND/OR ONE-LINE DIAGRAM.

**NOT FOR CONSTRUCTION**

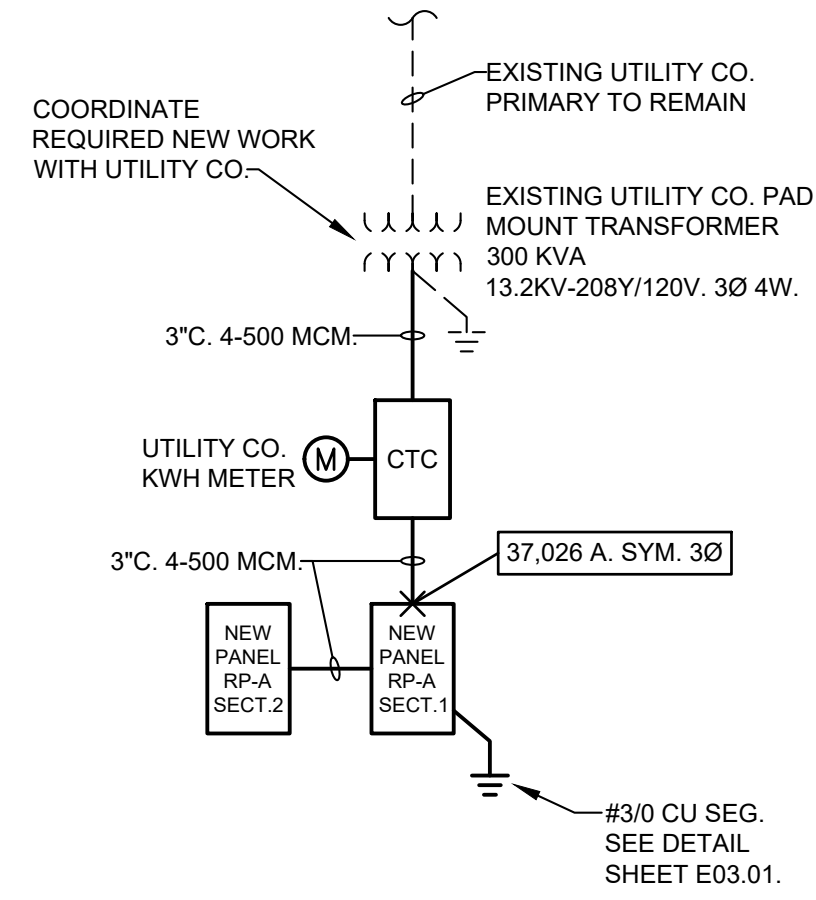


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**STRING LIGHT WIRING DIAGRAM**

N.T.S.

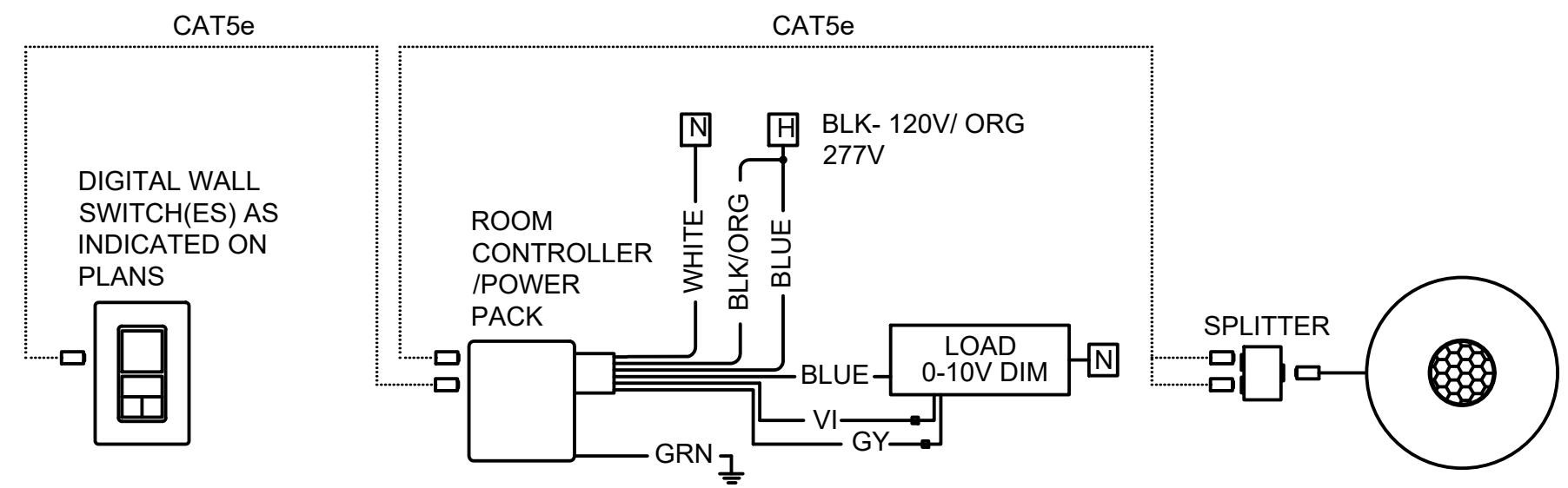


**ONE-LINE DIAGRAM**

N.T.S.

**POWER ONE-LINE DIAGRAM GENERAL NOTES:**

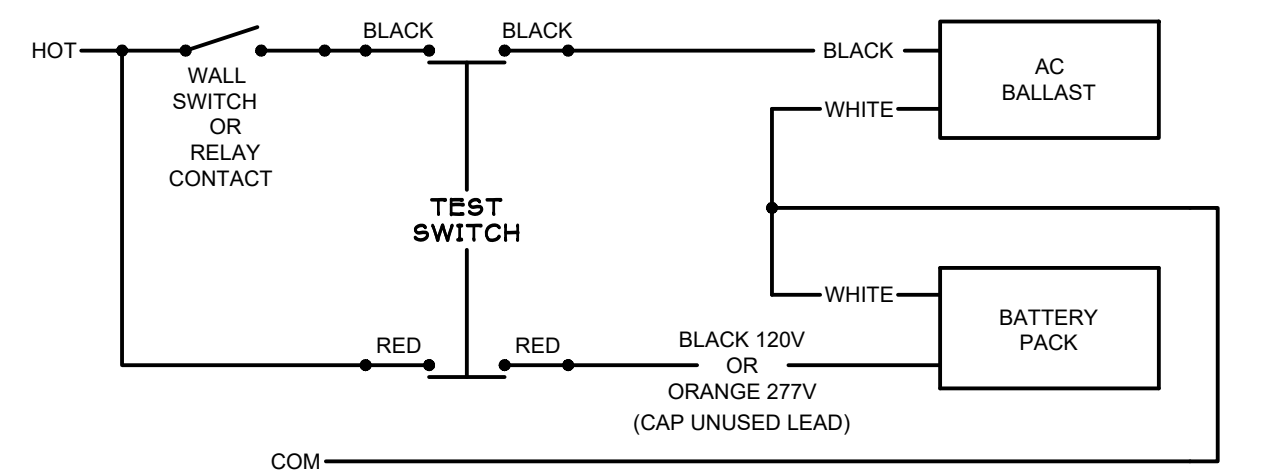
1. REFER TO SHEET E00.01 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. ALL WIRING SHALL BE COPPER UNLESS OTHERWISE NOTED.
3. ALL WORK SHALL BE COORDINATED WITH THE LOCAL ELECTRIC UTILITY COMPANY REPRESENTATIVE AND PROVIDED IN ACCORDANCE WITH THEIR REQUIREMENTS.
4. PROVIDE ENGRAVED NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT (SWITCHBOARDS, TRANSFORMERS, PANELBOARDS, SAFETY SWITCHES, MOTOR STARTERS, ETC.) INDICATING THE IDENTITY OF THE EQUIPMENT AND THE POWER SOURCE FOR EACH.
5. ELECTRICAL SYSTEM SHALL BE LABELED WITH THE INSTALLING CONTRACTOR'S NAME AND CONTACT INFORMATION.
6. PROVIDE TYPE-WRITTEN DIRECTORY FOR ALL PANELBOARDS.
7. ALL TERMINATIONS SHALL COMPLY WITH THE REQUIREMENTS OF NEC ARTICLE 110.14(C)(1).
8. PROVIDE WARNING LABEL INDICATING THE AVAILABLE FAULT CURRENT AND THE DATE THE CALCULATION WAS PERFORMED PER NEC ARTICLE 110.24(A).
9. PROVIDE ARC-FLASH HAZARD WARNING LABEL PER NEC ARTICLE 110.16(1) OR 110.16(B) AS APPLICABLE.



**DIGITAL LIGHTING CONTROL WIRING DIAGRAM**

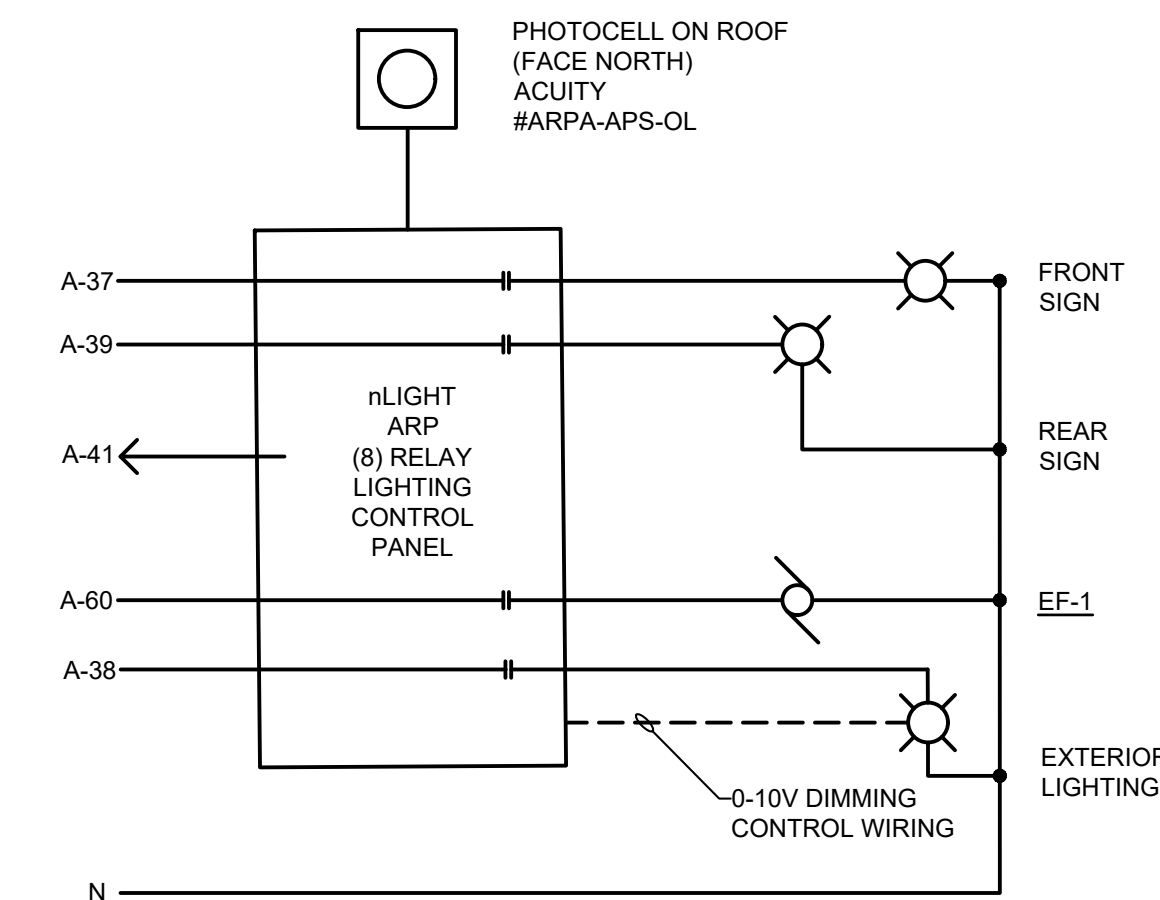
N.T.S.

- NOTES:**
1. REFER TO FLOOR PLANS FOR ACTUAL DEVICE QUANTITY AND SPECIFICATION.



**EMERGENCY LIGHTING BATTERY BACK-UP WIRING DIAGRAM**

N.T.S.



**LIGHTING CONTROL RISER DIAGRAM**

N.T.S.

**LIGHTING CONTROL NOTES:**

1. CIRCUITS A-37 AND A-39 ARE INTENDED FOR ON/OFF PHOTOCELL CONTROL FROM DUSK TILL DAWN.
2. CIRCUIT A-38 SHALL TURN ON AT DUSK VIA PHOTOCELL, AND DIM TO 50% OUTPUT BETWEEN MIDNIGHT AND 6:00 AM. PHOTOCELL SHALL DE-ENERGIZE CIRCUIT WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.
3. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE MICHIGAN ENERGY CODE (ASHRAE 90.1-2013).

**NOT FOR CONSTRUCTION**



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LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	LAMP TYPE	LAMP INITIAL LUMEN OUTPUT	CCT	CRI	VOLTAGE	INPUT WATTAGE	BALLAST TYPE	BASIS OF DESIGN	NOTES
A	2'x4' LAY-IN FIXTURE	LED	4800	3500	80	120-277V	36W	0-10V LED DRIVER	LITHONIA #GTL-4-48L-A12125-LP835-GZ1-LP835	
AX	2'x4' LAY-IN FIXTURE W/ BATTERY BACKUP	LED	4800	3500	80	120-277V	36W	0-10V LED DRIVER	LITHONIA #GTL-4-48L-A12125-LP835-GZ1-LP835-EL14L	
B	4" RECESSED DOWNLIGHT	LED	500	3500	80	120-277V	6W	0-10V LED DRIVER	LITHONIA #LDN4-35/05-L04-AR-LD-MVOLT-GZ1	
C	6" PENDANT ROUND CAN DOWNLIGHT	LED	1500	3000	80	120-277V	18W	0-10V LED DRIVER	LITHONIA #LDN6CYL-30/05-L06-AR-LD-MVOLT-GZ1	
D	6" PENDANT ROUND CAN WALLWASH DOWNLIGHT	LED	1500	3000	80	120-277V	18W	0-10V LED DRIVER	LITHONIA #LDN6CYL-30/05-L06-WR-LD-MVOLT-GZ1	
E	2' WALL MOUNT FIXTURE	LED	1900	3500	82	120-277V	16W	0-10V LED DRIVER	BROWNLEE #5165-24-BN-H16-35K	WALL MOUNTED
F	2' WALL MOUNT FIXTURE	LED	2000	3500	80	120-277V	13W	0-10V LED DRIVER	LITHONIA #FEM-L24-2000LM-LPAFL-MD-MVOLT-GZ10-35K-80CRI	WALL MOUNTED
G	STRING LIGHTS	LED	10/ft	3000	80	12VDC	0.15W/ft	0-10V LED DRIVER	TIVOLI #LSL-B-15-H-30-C-12	ORDER LENGTHS AS NEEDED, NOT EXCEEDING 110' FEET.
H	DECORATIVE PENDANT FIXTURE (TBD)	LED								
I	DECK MOUNTED HOUSE LIGHT FIXTURE	LED	9000	3500	80	120-277V	63W	0-10V LED DRIVER	LITHONIA #JCBL-9000LM-ACCR-MVOLT-GZ10-35K-80CRI-SC6-DBLXD	SUSPEND FROM CEILING, ABOVE STRING LIGHTING
J	CANOPY FIXTURE	LED	1076	4000	80	120V	17W	LED DRIVER	LITHONIA #OLCFM-15-DDB	
EM	COMMERCIAL EMERGENCY LIGHT	LED	--	--	--	120-277V	<5W	LED DRIVER	LITHONIA #ELM4L	WALL MOUNTED
X1	UNIVERSAL MOUNT EXIT SIGN	LED	--	--	--	120-277V	<5W	LED DRIVER	LITHONIA #LQM-S-3-R-120/277-EL-N	THERMOPLASTIC WHITE HOUSING, RED LETTERS AND EMERGENCY BATTERY BACKUP.
X2	UNIVERSAL MOUNT COMBINATION EXIT SIGN/ EMERGENCY BATTERY UNIT WITH (2) HEADS	LED	--	--	--	120-277V	<5W	LED DRIVER	LITHONIA #LHQM-LED-R-HORO	THERMOPLASTIC WHITE HOUSING, RED LETTERS AND EMERGENCY BATTERY BACKUP.
X3	REMOTE EMERGENCY HEAD (TWIN) (POWER FROM 'X2')	LED	--	--	--	--	<5W	LED DRIVER	LITHONIA #ERE-GY-T-RD-WP	FIELD WIRE TO EXIT SIGN TYPE 'X2'

**LIGHTING FIXTURE NOTES:**

- ALTERNATE LIGHTING MANUFACTURER'S EQUIPMENT BY ACUITY, COOPER, PHILIPS OR HUBBELL, SHALL BE SIMILAR IN PERFORMANCE, PHYSICAL APPEARANCE AND CONSTRUCTION TO BE CONSIDERED AS EQUAL TO UNITS SPECIFIED.
- ALTERNATE LIGHTING FIXTURE TYPES PROPOSED TO BE SUBSTITUTED BY BIDDING CONTRACTOR MUST BE PRE-APPROVED DURING BIDDING. CONTRACTOR, OR LIGHTING REPRESENTATIVE SHALL EMAIL ALL SUCH REQUESTS WITH FIXTURE CUTS TO ENGINEER AT LEAST ONE WEEK PRIOR TO SUBMITTING BIDS. ENGINEER SHALL REVIEW THE PROPOSED ALTERNATE LIGHTING FIXTURES AND ISSUE A WRITTEN ACCEPTANCE OR DENIAL BY RETURN EMAIL. VERBAL APPROVAL WILL NOT BE ACCEPTABLE.
- ALL SHOP DRAWINGS SUBMITTED AFTER AWARD OF CONTRACTOR FOR LIGHTING FIXTURES WHICH WERE NOT PRE-APPROVED WILL BE REJECTED.

**AUTOMATIC LIGHTING CONTROL LEGEND**

(CATALOG NUMBERS BASED ON 'ACUITY BRAND CONTROLS' EQUIPMENT)

**WALL CONTROLLERS**

- GF1** nPOD GFX WH  
LOW VOLTAGE GRAPHIC WALLPOD,  
MULTI-CHANNEL, RAISE / LOWER DIMMING
- S01** WSXA PDT WH  
WALL SWITCH SENSOR, PASSIVE DUAL  
TECHNOLOGY, AUTO-ON, AUTO OFF
- S02** WSXA PDT SA WH  
WALL SWITCH SENSOR, PASSIVE DUAL  
TECHNOLOGY, MANUAL-ON, AUTO OFF
- S03** WSXA MVO PDT D SA WH  
WALL SWITCH SENSOR, MULTI-WAY SWITCHING,  
PASSIVE DUAL TECHNOLOGY, 0-10V DIMMING,  
MANUAL-ON, AUTO OFF
- SW1** nPODMA WH  
LOW VOLTAGE PUSH-BUTTON WALLPOD,  
4-CHANNEL, RAISE / LOWER DIMMING
- SW2** nPODMA 4P DX WH  
LOW VOLTAGE PUSH-BUTTON WALLPOD,  
4-CHANNEL, RAISE / LOWER DIMMING

**LOAD CONTROLLERS**

- DP1** nPP16 D EFP SA  
POWER/ RELAY PACK, OCCUPANCY CONTROLLED  
DIMMING (VIA CHASE NIPPLE), EXTERNAL FAULT  
PROTECTION, MANUAL-ON, AUTO OFF
- DP2** nPP16 DS EFP SA  
POWER/ RELAY PACK, OCCUPANCY CONTROLLED  
DIMMING (VIA SIDE SLOT), EXTERNAL FAULT  
PROTECTION, MANUAL-ON, AUTO OFF
- PP1** nPP16 EFP  
POWER/ RELAY PACK, EXTERNAL FAULT  
PROTECTION, AUTO-ON, AUTO-OFF
- PP2** nPP16 EFP SA  
POWER/ RELAY PACK, EXTERNAL FAULT  
PROTECTION, MANUAL-ON, AUTO-OFF

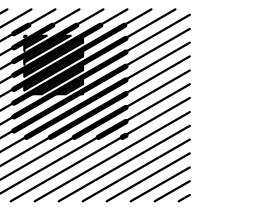
**SENSORS**

- US1** nCM PDT 9 AR RJB  
LOW VOLTAGE CEILING MOUNT SENSOR, PASSIVE  
DUAL TECHNOLOGY, STANDARD RANGE SMALL  
MOTION 360° LENS
- US2** nCM PDT 9 ADCX AR RJB  
LOW VOLTAGE CEILING MOUNT SENSOR, STANDARD  
RANGE SMALL MOTION 360° LENS, AUTOMATIC  
DAYLIGHT HARVESTING
- US3** nCM PDT 9 ADCX AR LT RJB  
LOW VOLTAGE CEILING MOUNT SENSOR, STANDARD  
RANGE SMALL MOTION 360° LEN, AUTOMATIC  
DAYLIGHT HARVESTING, LOW TEMP/HIGH HUMIDITY
- US4** nCM PDT 10 RJB  
LOW VOLTAGE CEILING MOUNT SENSOR, STANDARD  
RANGE LARGE MOTION 360° LENS

PANEL BOARD MAIN BREAKER	RP-A (SECTION 1) 400A			VOLTAGE MAIN LUGS 208Y/120V 3Ø 4W				SYM. A.I.C. MIN. 42,000			MOUNTING FLUSH
	LOAD - V.A.			CKT	CKT	CKT	CKT	LOAD - V.A.			
LOAD SERVED	A	B	C	BRKR	#	#	BRKR	A	B	C	LOAD SERVED
MENS RESTROOM	1620			20	1	2	20	1620			WOMENS RESTROOM
G SINGLE DOOR FREEZER	960			20	3	4	20	1080			DOUBLE DOOR FREEZER
G SYRUP & C02 AREA RECEPT.		180		20	5	6	20		1380		ICE MAKER
G WALK-UP CARBONATOR	780			20	7	8	20	720			WALK-UP RECEPT. & POS
G WALK-UP COKE FOUNTAIN	1200			20	9	10	20		360		MONITORS
G HOT/COLD FOOD UNIT		2000		30	11	12	20		1680		ICE TEA BREWER
G HOT/COLD FOOD UNIT	2000			30	13	14	20	1200			SERVING COKE FOUNTAIN
G LIGHTING	1,680			20	15	16	20		912		ICE CUBER & CARBONATOR
G KITCHEN RECEPT & COOLER LTG.		360		20	17	18	20		900		CHARBROILER & REFRIG. CABS.
ST SPREADER CABINET	756			20	19	20	20	1080			DOUBLE DEEP FRYER
G SERVING RECEPT.	360			20	21	22	20		936		COMBI. OVEN/STEAMER
ST DOUBLE STACK OVEN		948		20	23	24	20		1088		RANGE & KITCHEN RECEPT.
TABLE MOUNTED MIXER	960			20	25	26	20	540			KITCHEN RECEPT.
CREPE MAKER	1800			20	27	28	20		540		GENERAL RECEPT.
EXTERIOR SEATING RECEPT.		180		20	29	30	15		499		GARBAGE DISPOSAL
RTU	4804			45	31	32	2	499			WALK-IN COOLER CONDENSING/EVAPORATION UNIT
		4804			33	34	20		801		
			4804		3	35	36	2		801	
FRONT SIGN	1200			20	37	38	20	38			EXTERIOR LIGHTING
REAR SIGN	1200			20	39	40	20		900		OFFICE RECEPT.
TIME CLOCK		350		20	41	42	20		900		GENERAL RECEPT.

PANEL BOARD MAIN BREAKER	RP-A (SECTION 2)			VOLTAGE MAIN LUGS 208Y/120V 3Ø 4W 400A				SYM. A.I.C. MIN. 42,000			MOUNTING FLUSH
	LOAD - V.A.			CKT	CKT	CKT	CKT	LOAD - V.A.			
LOAD SERVED	A	B	C	BRKR	#	#	BRKR	A	B	C	LOAD SERVED
RICE COOKER	1440			20	43	44	20	540			OFFICE RECEPT.
RICE COOKER	1440			20	45	46	20		540		J.C. & WATER HEATER RECEPT.
HOOD #1 CONTROL PANEL		1000		15	47	48	15		1000		HOOD #2 CONTROL PANEL
SHOW WINDOW RECEPT.	180			20	49	50	110	11421			DOAS
SHOW WINDOW RECEPT.	180			20	51	52			11421		
SHOW WINDOW RECEPT.		180		20	53	54	3			11421	
KEF-1	721			15	55	56	30	1920			KEF-2
		721			57	58	20		1176		KEF-3
			721		3	59	60	20		528	EF-1
EUH-1	1667			20	61	62	20	156			HOOD LIGHTS
		1667			63	64	20		180		AIR DUCT SMOKE DETECTORS
			1667		3	65	66	20		350	FIRE ALARM CONTROL PANEL
SPARE				20	67	68	20	360			ROOFTOP RECEPT.
SPARE				20	69	70	20				SPARE
SPARE				20	71	72	20				SPARE
SPARE				20	73	74	20				SPARE
SPARE				20	75	76	20				SPARE
SPARE				20	77	78	20				SPARE
SPARE				20	79	80	20				SPARE
SPARE				20	81	82	20				SPARE
SPARE				20	83	84	20				SPARE
LOAD DESCRIPTION	DEMAND FACTOR D.F.			VOLT-AMPS							
				CONNECTED	DEMAND					97.678	TOTAL DEMAND LOAD
LIGHTING	NON-COINCIDENTAL			4,274	4,230		1,058			25% LIGHTING LOAD	
RECEPTACLES	NEC			5,760	5,760		16,549			SPARE	
SMALL MOTORS	1.00			59,226	59,226						
KITCHEN EQUIPMENT	NEC			27,088	17,607						
MISC. EQUIPMENT	1.00			6,480	6,480		115,285			DESIGN LOAD	
SHOW WINDOWS	NEC			540	4,375		320			DESIGN AMPS	
	TOTAL			103,368	97,678						

(E) - EXISTING CIRCUIT  
G - GFCI TYPE (5 mA TRIP) CIRCUIT BREAKER  
L - LOCK-ON TAB (RED)  
ST - SHUNT TRIP CIRCUIT BREAKER



**NOT FOR CONSTRUCTION**



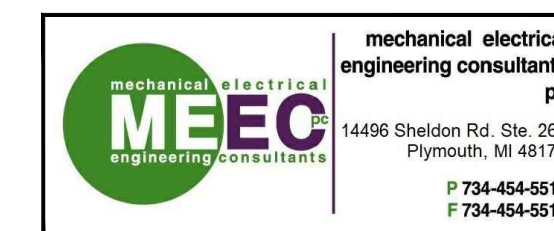
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BEVERAGE EQUIPMENT SCHEDULE										
ITEM	EQUIPMENT NAME	MANUFACTURER / MODEL NO.	QTY	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	ELECTRICAL AMPERAGE	ELECTRICAL PLUG / DISCONNECT	ELECTRICAL PLUG / DISCONNECT RATING (AMPS)	ELECTRICAL LOAD (KVA)	NOTES:
B-03	ICE TEA BREWER	BUNN / 41400.0002	1	120	1	14.0	P	20	1.68	PROVIDE GFCI PROTECTION
B-04	8 FLAVOR BEVERAGE / ICE DISPENSER	COCA-COLA / ICEBEV COMBO 8V	1	120	1	20.0	P	20	2.40	PROVIDE GFCI PROTECTION
B-05	ICE CUBER	MANITOWOC / IBF-0820C	1	120	1	1.1	P	20	0.13	PROVIDE GFCI PROTECTION
B-06	CARBONATOR	MCCANNIS / 43-6002	1	120	1	6.5	P	20	0.78	PROVIDE GFCI PROTECTION

KITCHEN EQUIPMENT SCHEDULE										
ITEM	EQUIPMENT NAME	MANUFACTURER / MODEL NO.	QTY	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	ELECTRICAL AMPERAGE	ELECTRICAL PLUG / DISCONNECT	ELECTRICAL PLUG / DISCONNECT RATING (AMPS)	ELECTRICAL LOAD (KVA)	NOTES:
K-01	REFRIGERATED BASE CABINET	NOR-LAKE / NLCB36	1	120	1	3.0	P	20	0.36	PROVIDE GFCI PROTECTION
K-02	CHARBROILER	SOUTHBEND /	1	120	1	1.5	P	20	0.18	PROVIDE GFCI PROTECTION
K-03	REFRIGERATED BASE CABINET	NOR-LAKE / NLCB48	1	120	1	3.0	P	20	0.36	PROVIDE GFCI PROTECTION
K-04	SPREADER CABINET	FRYMASTER / SPRED	1	120	1	6.3	P	20	0.76	PROVIDE GFCI PROTECTION
K-05	DEEP FRYER SYSTEM W/ 2 FRYERS	FRYMASTER / FMJ250	1	120	1	9.0	P	20	1.08	PROVIDE GFCI PROTECTION
K-07	CONVECTION DOUBLE STACK OVEN	SOUTHBEND / SLGS/22SC	1	120	1	7.9	P	20	0.95	PROVIDE GFCI PROTECTION
K-08	COMBINATION OVEN / STEAMER	ANGELO PO / FX82G3T	1	120	1	7.8	P	20	0.94	PROVIDE GFCI PROTECTION
K-09	6 BURNER RANGE W/ OVEN	SOUTHBEND / S60DD-2G/T	1	120	1	5.9	P	20	0.71	PROVIDE GFCI PROTECTION
K-13A	UNDER SINK DISPOSAL	WASTE KING / 1000-3	1	208	1	4.8	D	15	1.00	PROVIDE GFCI PROTECTION
K-16	TABLE MOUNTED MIXER	HOBART / HL200	1	120	1	8.0	P	20	0.96	PROVIDE GFCI PROTECTION
K-17	RICE COOKER / WARMER	GLOBE / RC-1	2	120	1	12.0	P	20	1.44	PROVIDE GFCI PROTECTION
K-18	CREPE MAKER	WARING / WSC160X-1	1	120	1	15.0	P	20	1.80	PROVIDE GFCI PROTECTION
K-19A	CEILING MOUNT CONDENSING / EVAPORATION UNIT	NOR-LAKE / CPB075DC-A	1	208	1	7.7	6-20R	20	1.60	INDOOR EVAPORATOR/CONDENSING UNIT
K-20	SINGLE DOOR REACH-IN FREEZER	NOR-LAKE / GPF231SS/OA	1	120	1	8.0	P	20	0.96	PROVIDE GFCI PROTECTION
K-21	DOUBLE DOOR REACH-IN FREEZER	NOR-LAKE / GPF492SS/OA	1	120	1	9.0	P	20	1.08	PROVIDE GFCI PROTECTION
K-24	ICE MAKER	MANITOWOC / IDT0500A	1	120	1	11.5	P	20	1.38	PROVIDE GFCI PROTECTION
K-27	HEATER / PROOFER CABINET	SENTINEL / SNHPIS-3836	1	120	1	12.5	P	20	1.5	PROVIDE GFCI PROTECTION

SERVING EQUIPMENT SCHEDULE										
ITEM	EQUIPMENT NAME	MANUFACTURER / MODEL NO.	QTY	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	ELECTRICAL AMPERAGE	ELECTRICAL PLUG / DISCONNECT	ELECTRICAL PLUG / DISCONNECT RATING (AMPS)	ELECTRICAL LOAD (KVA)	NOTES:
S-01	POS SYSTEM	TOAST / 22/10 WHITE	2	120	1	14.0	P	20	1.68	PROVIDE GFCI PROTECTION
S-04	HOT / COLD FOOD UNIT	ATLAS METAL / CAHC-2	1	120	1	16.7	L5-30R	30	2.00	PROVIDE GFCI PROTECTION
S-06	CARBONATOR	MCCANNIS / 43-6002	2	120	1	6.5	P	20	0.78	PROVIDE GFCI PROTECTION
S-07	8 FLAVOR BEVERAGE / ICE DISPENSER	COCA-COLA / ICEBEV COMBO 8V	1	120	1	20.0	P	20	2.40	PROVIDE GFCI PROTECTION



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PROPOSED RESTAURANT TENANT SPACE  
 YUMM  
 3965 AUBURN ROAD, AUBURN HILLS, MICHIGAN 48326  
 PROJECT 17/1508  
 DATE 01/13/2021 45% Review  
 REVISIONS