

LIGHT FIXTURE SCHEDULE

A	GRABBAR PENDANT	3' x 32W/50"	60" W. HEADS
B	12" TRACK LIGHT	ELCO	ET828B 18W/60" W. HEADS
C	LIGHT PLEXION WHITE	AGENT LIGHT	120V 2.53W/FOOT
D	6" RECESSED CAN ELCO	EL2HZE43	1.42W QUAD PL-T GFL 120/277V
E	2"x4" LAY IN TROFFER	METALUX 208R-232A	2-32W 120/277V
F	PENDANT MOUNT DECORATIVE LIGHT	MRI6	50W 120V
G	AMERICAN DJ ROTATING GOGO PROJECTOR	285W LAMP	
H	METALUX SQ-1X3-UNV-ENT-1-U	4 STAGERED FLUORESCENT STRIP	
M	METALUX SQ-1X3-UNV-ENT-1-U	4 STAGERED FLUORESCENT STRIP	
K	SSP-232-LINV-EBR1-UHAWG-CHMR/SM	+ WS-SSP-4FT	
L	CHAIN HUNG STRIP LIGHT	2-32W 18 LAMP	120/277V
N	LB-LED-UWV-VEFFY	LB-LED-EXT3	DL-CLP/SRGREN
O	LB-LED-ROPE LIGHT	120V 0.77W/FOOT	

- OE TYPE 'OE' EXTERIOR SURFACE MOUNTED FIXTURE WITH BATTERY BACK UP 90 MIN. EGRESS 120 VOLT/26 WATT FLOOR LAMP VENT' MOUNTING ABOVE EXIT DOOR. 90 MINUTE BATTERY.
- TYPE 'EG' WALL MOUNTED EMERGENCY/EGRESS LIGHTING FIXTURE WITH BATTERY BACK UP 90 MIN. EGRESS 120 VOLT/26 WATT FLOOR LAMP VENT' MOUNTING ABOVE EXIT DOOR. 90 MINUTE BATTERY.
- TYPE 'EX' EMERGENCY EXIT LIGHT FIXTURE 'SHR-EXIT' PRESENGOR SENSITIVE EXIT LIGHTING WITH BATTERY BACK UP 90 MINUTE BATTERY BACKUP.

EMERGENCY POWER SUPPLY POWER PROVIDED BY PREMISES WIRING SYSTEM. IN THE EVENT OF NORMAL POWER FAILURE ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY POWER-BATTERY BACKUP TO ENSURE CONTINUED ILLUMINATION PER SECTION 1003.2.10.5, I.B.C. 2003 EDITION

5 LIGHTING FIXTURE SCHEDULE

1. ELECTRICAL CONTRACTOR TO MEET ALL REGULATIONS AND REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE 2005
2. REFER TO SHEET E-5 FOR ELECTRICAL PANEL SCHEDULES AND LOAD ANALYSIS.
3. ALL HANDICAP REQUIREMENTS TO MEET A.D.A. STATE OF TEXAS AND FEDERAL REQUIREMENTS.
4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
5. VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL AND FIXTURE PLANS.
6. DO NOT SCALE THESE DRAWINGS FOR DIMENSIONAL INFORMATION. DIMENSIONS SHALL BE TAKEN FROM THE ARCHITECT'S EXISTING FIELD CONDITION CONTACT THE ARCHITECT.
7. COORDINATE ALL WORK WITH EACH SUB CONTRACTOR AND GENERAL CONTRACTOR (STRUCTURAL, ELECTRICAL, MECHANICAL AND PLUMBING) PRIOR TO INSTALLATION AND CONNECTION TO EQUIPMENT.
8. ALL FIRE PROTECTION TO MEET NFPA REGULATIONS AS SPECIFIED BY LOCAL.
9. ALL WORK TO MEET INTERNATIONAL BUILDING CODE REQUIREMENTS 2009.
10. ALL WORK TO MEET INTERNATIONAL BUILDING CODE REQUIREMENTS 2009.

4 GENERAL NOTES

ABV	ABOVE FINISHED FLOOR	GL	GLAZING
AF	AIR HANDLING UNIT	HW	HOT WATER
ACH	ARCHITECTURAL	IE	INVERT EXHAUSTION
AD	ARCHITECTURAL DETAIL	KW	KITCHEN WARE
BD	BOTTOM OF DUCT	LAV	LAVATORY
BLD	BUILDING	LK	MECHANICAL
BR	BREAK ROOM	MAN	MANUAL
CL	CENTER LINE	MND	MANUAL VOLUME DAMPER
CO	CLEANOUT	MNT	MOUNTED
COG	CLEANOUT AT GRADE	NG	NOT IN CONTRACT
CONC	CONCRETE	OK	OK
CONN	CONNECTION	OUTR	OUTSIDE AIR
COV	COVER	OSD	OPPOSED SIDE DAMPER
DA	DOWN	PSI	POSSIBLE FOR SQUARE INCH
DB	DRAIN	PRV	PRESSURE REDUCING VALVE
DE	DECK	RA	RETURN AIR
DEE	DECK ELEVATION	RD	ROOF DRAIN
ED	EXPOSED FLOOR	RS	ROOF SLOPE
EM	EMERGENCY EXIT LIGHT	SA	SMOKE ALARM
EMV	EMERGENCY EXIT LIGHT VENT	SP	SMOKE PRESSURE
EV	EXTERIOR VENT	SPR	SPRINKLER
FD	FLOOR DRAIN	TYP	TYPICAL
GLV	GLAZING		

3 GENERAL ABBREVIATIONS

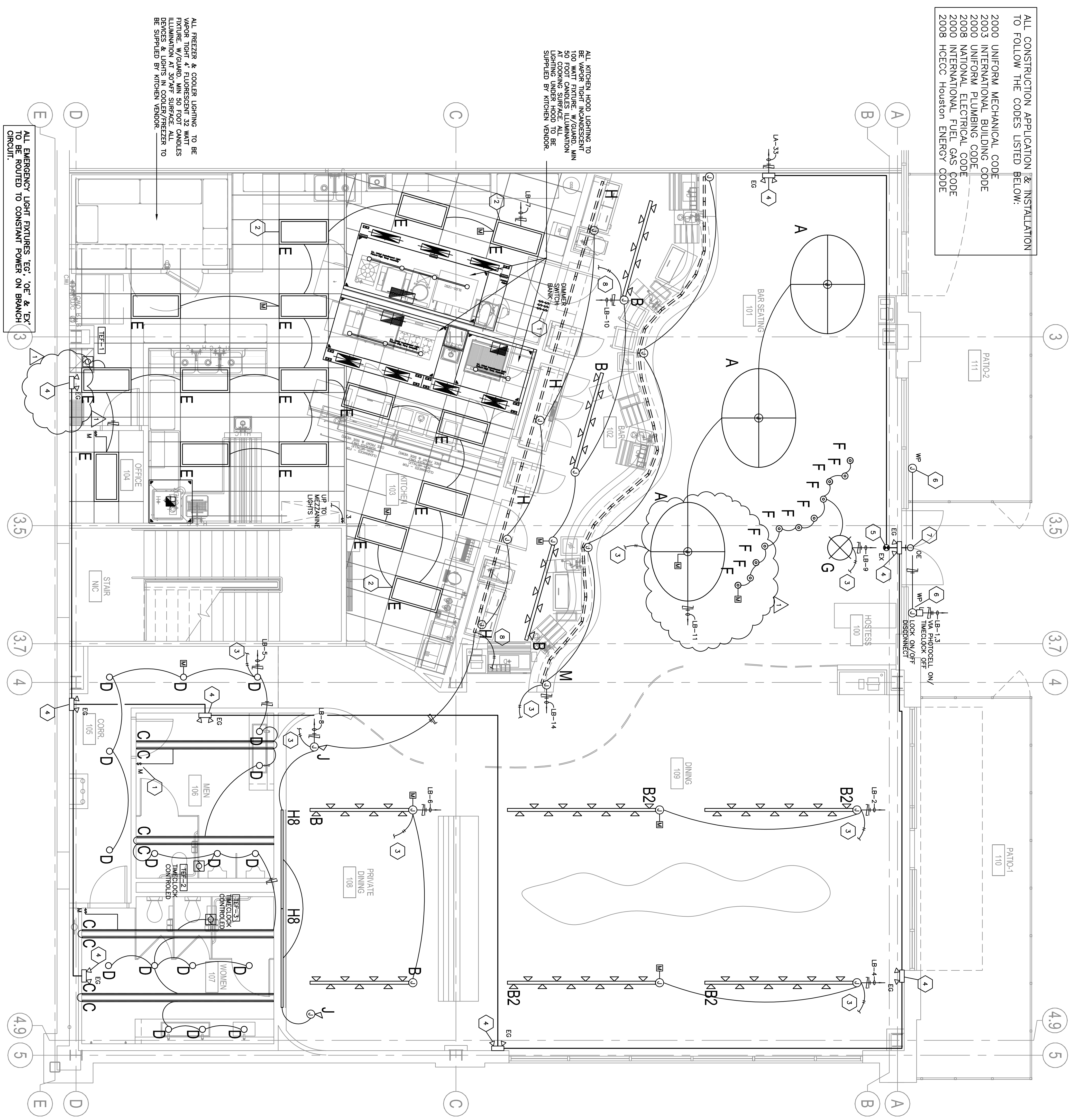
1. MOUNT ALL SWITCH DEVICES IN ACCORDANCE TO STATE OF TEXAS A.D.A. MOUNTING HEIGHT STANDARDS. REFER TO DETAIL.
2. MOUNT LIGHTING FIXTURE IN LAY-IN CEILING GRID. COORDINATE FIXTURE LOCATION AND GRID WITH ARCHITECTURAL REFLECTED CEILING PLAN.
3. COORDINATE WITH OWNER FOR CONTROL OF ALL LIGHTS. ALL INCANDESCENT LIGHTING AND TRACK LIGHTS TO BE CONTROLLED BY DIMMERS WITH TIMECLOCK MASTER CONTROL ON/OFF POWER. REF. TO FIXTURE SCHEDULE.
4. TILE OR 6" ABOVE EXIT LIGHT. PROVIDE CONSTANT 120 VOLT POWER. REF. TO FIXTURE SCHEDULE.
5. BATTERY BACK-UP EXIT LIGHT MOUNTED FROM CEILING. PROVIDE BATTERY BACK-UP EXIT LIGHT REFER TO LIGHTING FIXTURE SCHEDULE ON THIS SHEET.
6. WEATHER PROOF (WATER RESISTANT) JUNCTION BOX MOUNTED INSIDE OF SOFFIT FOR EXTERIOR SIGNAGE. COORDINATE LOCATION WITH SIGN CONTRACTOR.
7. EXTERIOR SURFACE MOUNTED EGRESS FIXTURE ABOVE EXIT DOOR. BATTERY BACK UP.

2 LIGHTING KEYED NOTES

ALL CONSTRUCTION APPLICATION & INSTALLATION TO FOLLOW THE CODES LISTED BELOW:

- 2000 UNIFORM MECHANICAL CODE
- 2000 INTERNATIONAL BUILDING CODE
- 2000 INTERNATIONAL PLUMBING CODE
- 2000 NATIONAL ELECTRICAL CODE
- 2000 INTERNATIONAL FUEL GAS CODE
- 2008 HECOC Houston ENERGY CODE

ALL KITCHEN HOOD LIGHTING TO BE WAPOR TIGHT INCANDESCENT 100 WATT FIXTURE W/ GUARD. MIN 50 COOKING SURFACE. LIGHTING UNDER HOOD TO BE SUPPLIED BY KITCHEN VENDOR.



ALL FREEZER & COOLER LIGHTING TO BE WAPOR TIGHT & FLUORESCENT 32 WATT ILLUMINATION OF 30' W/6" SURFACE DEVICES & LIGHTS IN COOLER/FREEZER TO BE SUPPLIED BY KITCHEN VENDOR.

ALL EMERGENCY LIGHT FIXTURES 'EG', 'OE' & 'EX' TO BE ROUTED TO CONSTANT POWER ON BRANCH CIRCUIT.

1 FLOOR PLAN LIGHTING

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

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 4601 Washington Ave
 Houston, TX 77007

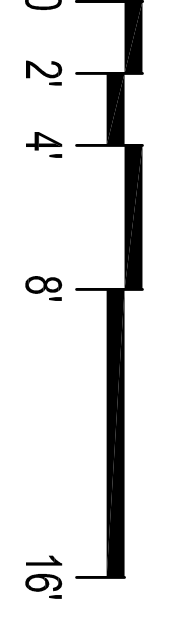
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Issue	Date & Issue Description	By	Check
01	05/19/10 PERMIT/CONSTRUCTION		
	06/08/10 CITY COMMENTS		

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Description	Project Number
FLOOR PLAN LIGHTING	TOLA



E-11

WALK-IN COOLER/FREEZER HEAT TRACE AND DOOR HEATER TO BE GFCI PROTECTED WITH A GFCI BREAKER

ALL RECEPTACLES IN KITCHEN AREA, BAR AREA, AND PREP AREA TO BE GFCI PROTECTED WITH A GFCI BREAKER

4 SHEET NOTES

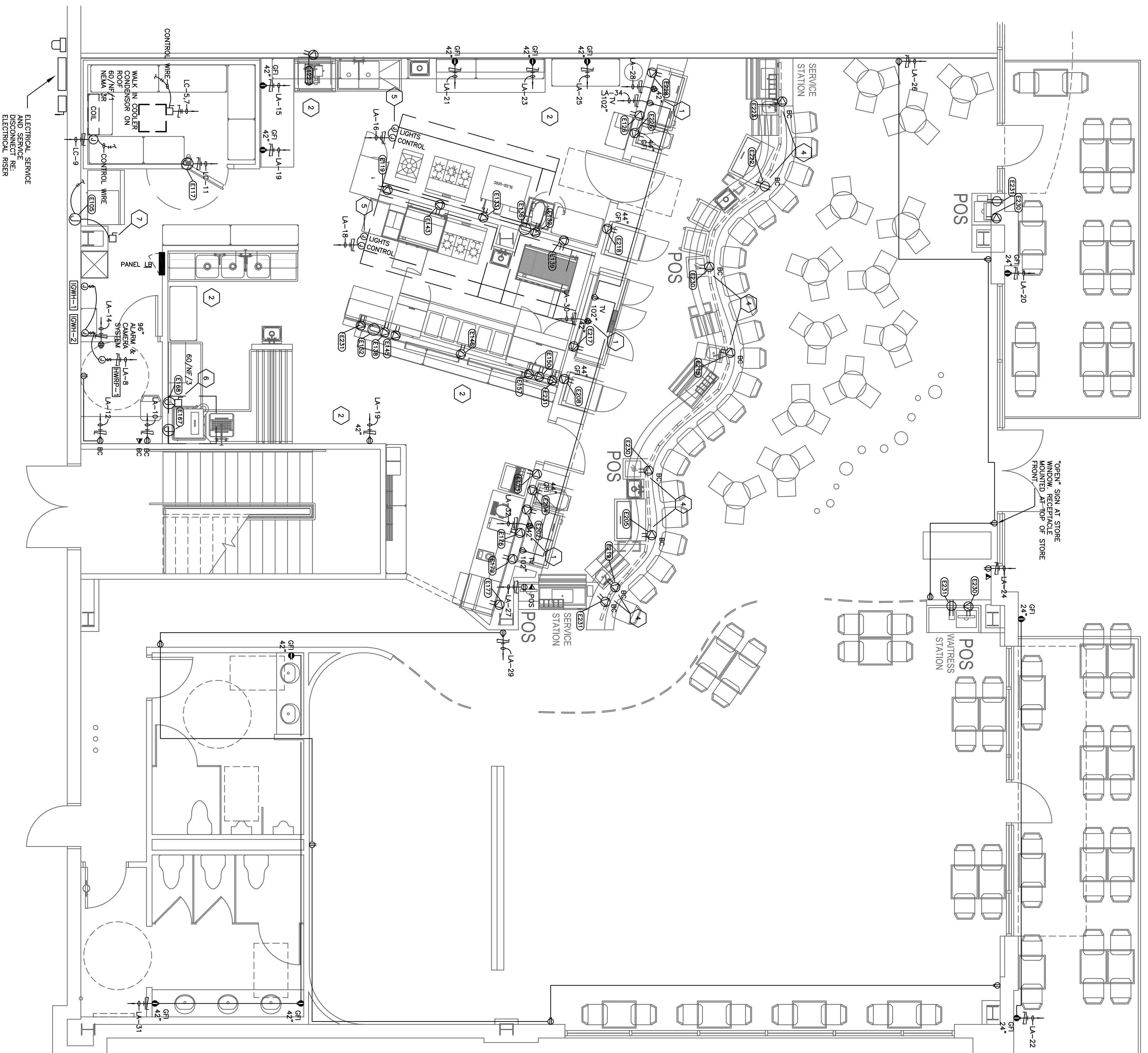
- FLUORESCENT LIGHTING FIXTURE
- ⊗ FLUORESCENT FIXTURE FOR NIGHT LIGHTING
- LIGHTING FIXTURE
- ⊙ EXIT SIGNS
- ▽ TELEPHONE OUTLET; SINGLE GANG BOX W/ COVER PLATE IN WALL WITH 3/4" C ROUTED TO CEILING SPACE.
- ▭ PANEL BOARD
- ⊕ NEW METER BY LIGHT COMPANY
- ▽ DATA OUTLET: SINGLE GANG BOX W/ COVER PLATE IN WALL WITH 3/4" C ROUTED TO CEILING SPACE
- ⊙ JUNCTION BOX (HEIGHT NOTED ON PLAN)
- ⊙ DUPLEX RECEPTACLE
- ⊙ 220 VOLT RECEPTACLE. COORDINATE WITH EQUIPMENT
- ⊙ DOUBLE DUPLEX RECEPTACLE
- ⊙ ISOLATED GROUND RECEPTACLE
- ⊙ GROUND FAULT INTERRUPT RECEPTACLE (GFI)
- ⊙ WALL SWITCH
- ⊙ 3 THREE-WAY WALL SWITCH
- ⊙ 600 WALL BOX DIMMER, NUMBER = RATING IN WATTS
- ⊙ P WALL SWITCH WITH PILOT LIGHT - WIRE FOR 'ON' POSITION
- ⊙ F FUSIBLE DISCONNECT
- ⊙ M MANUAL MOTOR STARTER
- ⊙ G GROUND
- 100/80/3 DEVICE RATING/FUSE SIZE/NUMBER OF POLES
- SIZE 2 NEMA STARTER SIZE
- 1H-4.8.8 PANELBOARD 1H, CIRCUIT NUMBERS 4.8.8
- BRANCH CIRCUIT HOMERUN WITH GROUND WIRE (GROUND WIRE TO BE BASED ON BRANCH CIRCUIT)
- 1. REFER TO KEYPAD NOTE 4
- 2. NEMA CONFIGURATION RECEPTACLE TO BE CONNECTED WITH EQUIPMENT TO
- 3. THERMOSTAT MOUNTED TO MEET ADA REQ.
- 4. MINIZATION DETECTOR IN RETURN AND SUPPLY AIR DUCTS INTERLOCK WITH AIR HANDLER TO SHUT DOWN SYSTEM IN CASE OF SMOKE INTERLOCK WITH EMERGENCY LIGHTING.
- 5. ELECTRICAL DISCONNECT. REFER TO RISER FOR SIZE

3 ELECTRICAL NOTES

1. MOUNT RECEPTACLE ABOVE TABLE TOP AT 42" AFF. COORDINATE EXACT HEIGHT WITH MILLWORK CONTRACTOR AND/OR ARCHITECT.
2. REFER TO VENDOR DRAWINGS FOR ELECTRICAL DEVICE MOUNTING HEIGHTS AND VENDOR RECEPTACLE CONFIGURATIONS.
3. LIGHTING CLASS PANELS - REFER TO PANEL SCHEDULES
4. MOUNT ELECTRICAL RECEPTACLES, PHONE OUTLET, AND DATA OUTLERS TO BE MOUNTED AT MINIMUM HEIGHTS FOR EACH LOCATION OF ALL OUTLERS. COORDINATE WITH TENANT FOR EXACT LOCATION OF ALL OUTLERS.
5. PROVIDE 120 VOLT UNSWITCHED POWER FOR KITCHEN HOOD ANSUL FIRE PROTECTION SYSTEM.
6. PROVIDE ELECTRICAL CONNECTION TO DISMISHER. VERIFY ELECTRICAL REQUIREMENTS AND VERIFY LOCATION.
7. PROVIDE ELECTRICAL CONNECTION TO ICE MACHINE. VERIFY ELECTRICAL REQUIREMENTS AND ROUTE CONTROL WIRING AS REQUIRED FOR REMOTE CONDENSING UNIT.

2 POWER KEYED NOTES

1 FLOOR PLAN POWER



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

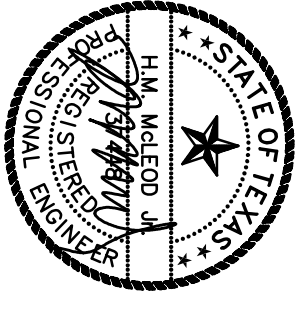
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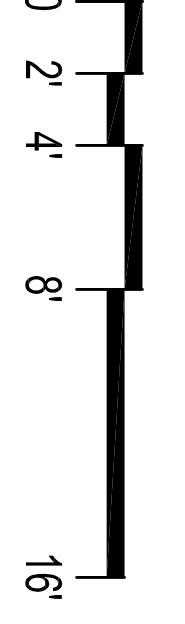
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Project Signature

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Description	Scale
FLOOR PLAN POWER	1/4" = 1'-0"



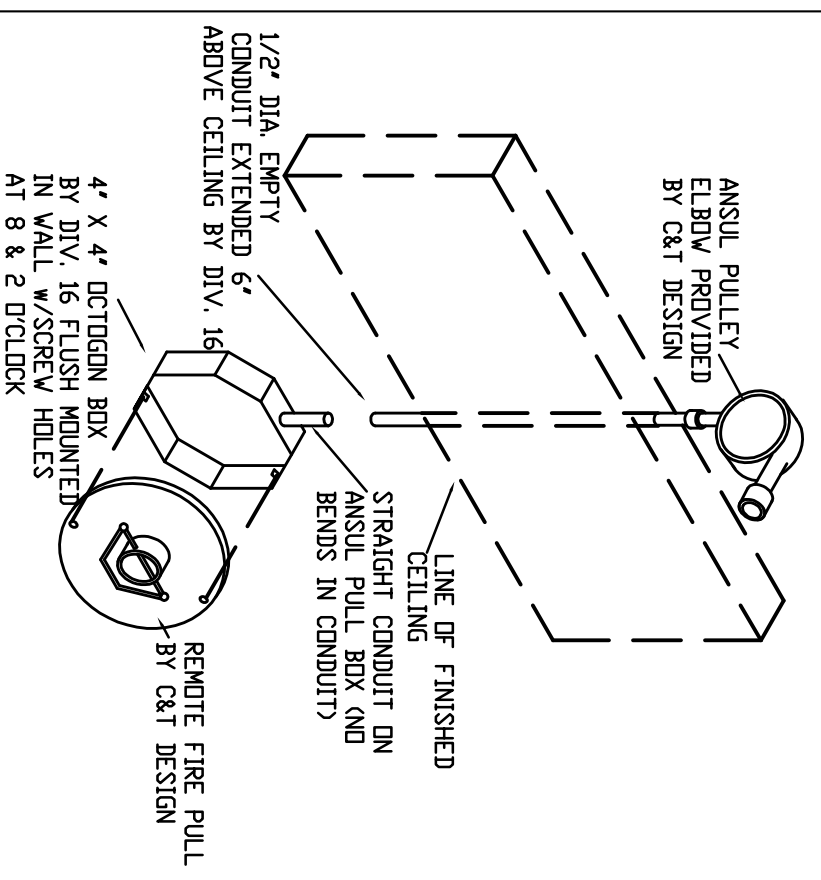
E-2.1

TQLA RESTAURANT

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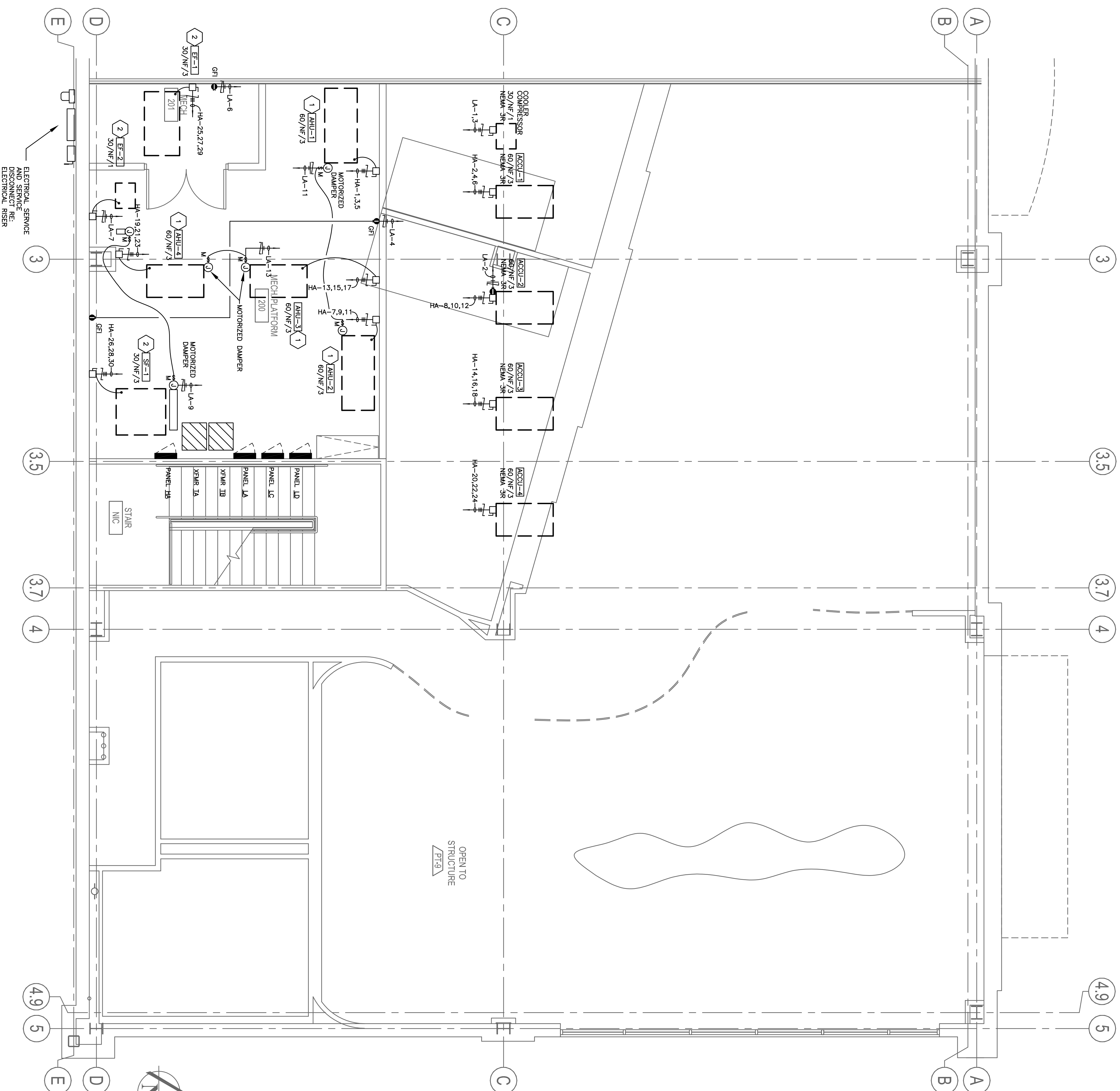
4 REMOTE FIRE PULL STATION

1. Electrical contractor (E.C.) shall obtain and pay for all permits, certificates, etc., as required.
2. E.C. shall deliver certificate of final inspection to Developer/Owner before applying for final payment.
3. Consult with other contractors furnishing equipment to verify loads and coordinate with other contractors for installation.
4. Provide and install fire alarm and fire extinguishing equipment.
5. Provide for manual form and air conditioning equipment.
6. Minimum wire size shall be #12 one second control wiring as noted. All wire shall be copper Type THWN or THHN.
7. Do not make changes or substitutions without approval of Architect and/or engineer.
8. All work shall be guaranteed for a period of (1) one year from date of final acceptance.
9. All electrical systems shall be completely and effectively grounded as required in Article 250 of the National Electrical Code.
10. When called for, service entrance shall be installed per the National Electrical Code and the local utility.
11. Verify mechanical equipment locations prior to the routing of conduit and before setting construction and general contractor before installing light fixtures.
12. Verify setting construction and general contractor before installing light fixtures.
13. Low voltage cable to run loose in joint space secured evenly to structure. E.C. shall provide 3/4" conduit stubs and junction boxes from point of use to roof point.
14. All 120 volt circuits over 75 feet in length shall be #10 awg.
15. Floor box/receptacles to be GFI rated and Nema 3R rated.
16. E.C. shall provide temporary lighting and power during the demolition and construction phases.
17. See architectural plan(s) for additional notes.
18. All electrical work shall be in accordance with the latest edition of the National Electrical Code and all codes having local jurisdiction.
19. Verify mechanical equipment over current protection requirements with the equipment manufacturer prior to connection.
20. E.C. shall verify all light fixture location dimensions with Architectural fixtures plans.
21. See panel schedules for circuit breaker, wire, and conduit requirements.
22. No Aluminum wiring/cable allowed in construction.
23. All switch enclosures and light fixtures shall be on a non-anchored breaker.
24. All switches and panels to have copper bus. Equipment by Square D or ITE, General Electric, Siemens or Westinghouse.
25. All lighting fixtures shall be provided by the E.C. per the lighting fixture schedule.
26. All NEW BX cable allowed in construction to be securely fasten to structure. NO BX PENETRATION THRU FLOORS MUST BE ROOF CONDUIT.
27. All electrical work shall be in accordance with the National Electrical Code to knee type written directory after construction is complete.
28. All circuit breakers to be SQUARE-D SIEMENS, GE, or CUTLER HAMMER and must be switch duty type. Use one manufacturer only.

3 SPECIFICATIONS

1. PROVIDE NEW DISCONNECT FOR AIR HANDLER UNIT. VERIFY ELECTRICAL CONNECTION AND E.A. NEMA 3R ENCLOSURE.
2. KITCHEN FANS PROVIDED & INSTALLED BY KITCHEN VENDOR. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.

2 KEYED NOTES



1 MEZZANINE PLAN - POWER

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

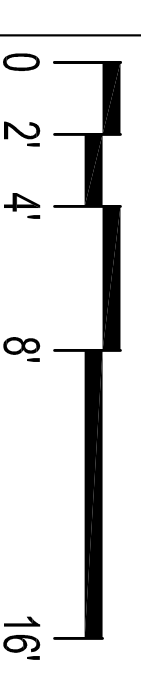
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Seal/Signature

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TQLA

Project Number	
CAO File Name	
Description	MEZZANINE PLAN POWER
Scale	



E-2.2

