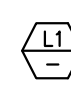
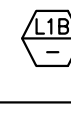

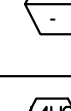
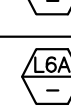

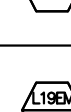
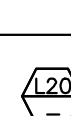
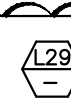
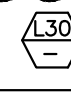

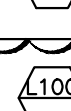

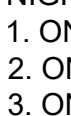

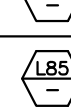

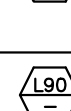






LIGHTING FIXTURE SCHEDULE			PROVIDED FOR INFORMATION ONLY. VERIFY AND INSTALL PER ELECTRICAL DRAWING			11-07
ITEM	SYMBOL	DESCRIPTION	QTY.	MFR. & CAT. NO.	REMARK	WATTS
INTERIOR LIGHTING ITEM						
	L1	T-BAR CEILING RECESSED MOUNTED LED LIGHTING FIXTURE, 2' X 4', 120V BAKED-ON WHITE ENAMEL FINISH.	3	LSI FIXTURE: SFP24-LED-50-UE-DIM-35	KITCHEN CEILING LIGHTS, FURNISHED BY OWNER INSTALLED BY GC	50
	L1B	T-BAR CEILING RECESSED MOUNTED LED LIGHTING FIXTURE, 2' X 2', 120V BAKED-ON WHITE ENAMEL FINISH.	4	LSI FIXTURE: SFP22-LED-30-UE-DIM-35-U	KITCHEN CEILING LIGHTS, FURNISHED BY OWNER INSTALLED BY GC	30
	L1EM	T-BAR CEILING RECESSED MOUNTED LED LIGHTING EMERGENCY FIXTURE, 2' X 4', 120V BAKED-ON WHITE ENAMEL FINISH.	2	LSI FIXTURE: SFP24-LED-50-UE-DIM-EM	EMERGENCY KITCHEN CEILING LIGHTS FURNISHED BY OWNER INSTALLED BY GC	50
	L1BEM	T-BAR CEILING RECESSED MOUNTED LED LIGHTING UNIVERSAL MOUNT EXIT SIGN, LED LIGHTED, 120/277V WITH BATTERY PACK, 2 FACE, GREEN LETTER	1	LSI FIXTURE: SFP22-LED-30-UE-DIM-35-U-EM	EMERGENCY KITCHEN CEILING LIGHTS, FURNISHED BY OWNER INSTALLED BY GC	30
	L4HO	UNIVERSAL MOUNT EXIT SIGN, LED LIGHTED, 120/277V WITH BATTERY PACK, 2 FACE, GREEN LETTER	3	EXITRONIX GXE-X-BP-WB-BL-R6	EXIT SIGN FURNISHED BY OWNER, INSTALLED BY GC	3.6
	L6A	HOOD LIGHT	10	FURNISHED & INSTALLED BY EQUIPMENT SUPPLIER	LIGHTS SUPPLIED & PRE-WIRED BY HOOD VENDOR. ELECTRIC CONTRACTOR TO CONNECT MAIN WIRES TO SHUNT TRIP BREAKER AND HOOD CONTROL PANEL	BUILT INTO HOOD
	L6B	WALK-IN COOLER FLUORESCENT LIGHT, 120 V 48"	3	KASON FIXTURE: # 18180F0048	FURNISHED BY WIC VENDOR, G.R.E. , INSTALLED BY GC	40
	L19	DOWN LIGHT, RECESSED IN CEILING	45	ELITE HOUSING- LDBIC-AT LED MODULE- ELITE LED LIGHTING RL607-750L-DIMTR-120-30K-SN-SN-90+	FURNISHED BY OWNER, INSTALLED BY GC	14
	L19EM	EMERGENCY DOWN LIGHT, RECESSED IN CEILING	8	ELITE HOUSING- LDBIC-AT LED MODULE- ELITE LED LIGHTING RL607-750L-DIMTR-120-30K-SN-SN-90+	EMERGENCY RECESSED DOWN LIGHT - NORMALLY ON INVERTER UNIT - ISOLITE, IM-124-L-C-V1 FURNISHED BY OWNER INSTALLED BY GC	14
	L20	3 3/4" ADJUSTABLE MR16 DOWN LIGHT, RECESSED IN CEILING	15	LIGHTOLIER: LYTECASTER - 378WHX FRAME-IN KIT: 302MRSPX SPECIFIC: LED: 7XMR16D830/35	FURNISHED BY OWNER, INSTALLED BY GC	6
	L29	NOT USED	0			
	L30	WHITE LED AT SERVICE COUNTER SOFFIT & DINING ROOM PARTIAL HEIGHT WALL	41	LUXEM BRIGHT FIXTURE: BLAZE LED	FURNISHED BY OWNER, INSTALLED BY GC	1.3 WATTS PER FOOT
	L35	9 8/\" DIA. DECORATIVE ISLA PENDANT LF INCANDESCENT	0	LBL LIGHTING, MODEL # LFS12CRSC2D60 WITH 4W MAX LED BULB LB-MISCA7084	HUNG @ 6'-6\" AFF OVER DINING TABLES IN BETWEEN BOOTH FURNISHED BY OWNER, INSTALLED BY GC (VERIFY W/ PANDA)	4
	L42	12\" DIAMETER LED PENDANT FIXTURE WITH OIL RUBBED BRONZE FINISH	4	GENERATION LIGHTING, BAYLOR SERIES, MODEL #P14610RB WITH LED BULB	FURNISHED BY OWNER, INSTALLED BY GC	9
	L-100	MICRO INVERTER	1	ISOLITE #IMI 125	FURNISHED BY OWNER, INSTALLED BY GC	
	S	SPEAKER			FURNISHED BY MUSIC VENDOR, INSTALLED BY MUSIC VENDOR	
NIGHT LIGHTING REQUIREMENTS: "NL" DESIGNATION INDICATED NIGHT LIGHT ON UNSWITCHED CIRCUIT.						
1. ONE NL BY SERVICE COUNTER, POS / CASHIER						
2. ONE NL BY POS / CASHIER AT DRIVE THRU STATION IF APPLICABLE						
3. ONE NL BY EACH EXIT DOORS IN DINNING ROOM & BACK OF HOUSE						
4. ONE NL BY MANAGER STATION						
EXTERIOR LIGHTING						
	L40	LINEAR LIGHT AT EXTERIOR STORAGE ROOM	0	COOPER MX-4VT2-LD4-6-DR-UNV-L840-CD1-WL-U	FURNISHED BY OWNER, INSTALLED BY GC	56
	L85	WALL MOUNTED OVER SERVICE DOOR FIXTURE	0	HOWARD: VL305 30W LED, BRONZE	OVER EXTERIOR SERVICE DOOR. REFER ELEVATIONS FOR HEIGHT FURNISHED BY OWNER, INSTALLED BY GC	29
	L86	NAVILITE EMERGENCY LIGHT	1	EXITRONIX MLED1-L-WP	OVER EXTERIOR ENTRANCE & SERVICE DOORS. REFER ELEVATIONS FOR HEIGHT. FURNISHED BY OWNER, INSTALLED BY GC	1.5
	L80-ALV	EXTERIOR RECESS EMERGENCY LIGHT	1	ELITE HOUSING- LDBIC-AT LED MODULE- ELITE LED LIGHTING WET LOCATION: RL607-14W-120-FL-30K-SN-SN-WET LOCATION	EMERGENCY RECESSED DOWN LIGHT - NORMALLY ON INVERTER UNIT - ISOLITE, IM-124-L-C-V1 FURNISHED BY OWNER INSTALLED BY GC	14
	L90	DECORATIVE LED WALL SCONCE	0	HINKLEY LIGHTING, ATLANTIS, BRONZE, 1649BZ-LED	AT PORTAL OF ENTRY DOOR. REFER ELEVATIONS FOR HEIGHT FURNISHED BY OWNER, INSTALLED BY GC	6
	L97	LED MOTION SECURITY FLOODLIGHT	0	LITHONIX LIGHTING OLF 2RH 40K 120V MO BZ	FURNISHED BY OWNER, INSTALLED BY GC	14

LIGHTING FIXTURE SCHEDULE	2
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EQUIPMENT SCHEDULE

01-11-19

PLUMBING										ELECTRICAL					DESCRIPTION							
FS INDIRECT CONNECTION TO FLOOR SINK										D DIRECT CONNECTION					O OWNER(PANDA EXPRESS, INC.)							
D DIRECT CONNECTION										C CONVENIENT OUTLET					GC GENERAL CONTRACTOR							
RIH ROUGH IN HEIGHT (TO CENTER OF CONNECTION)										FSO FLOOR STUB OUT					EC ELECTRICAL CONTRACTOR							
										DC DROPPED CORD					KEC KITCHEN EQUIPMENT COMPANY							
SUPPLY BY	GAS			WASTE		COLD WATER		HOT WATER		CONNECTION		LOAD	PHASE	H.P.	VOLTS	REMARKS		DIMENSIONS	MANUFACTURE	MODEL #	EQUIPMENT	NO.
	K BTU	R.I.H.	SIZE	TYPE	SIZE	R.I.H.	SIZE	R.I.H.	SIZE	R.I.H.	TYPE	WATT						W x D x H (ø x H)				
SERVING AREA EQUIPMENT																						
O																SEE DETAIL	SEE PLAN	KEC	CUSTOM		HOT WELLS COUNTER SERVICE	1B
O																SEE DETAIL	SEE PLAN	KEC	CUSTOM		SNEEZE GUARD	1S2
O											D	475W	1		120	3 HEATING ELEMENTS	42.375" X 4.25" X 2.375"	GENERAL			43" RADIANT TOP HEATER	1S2B1
O											D	625W	1		120	4 HEATING ELEMENTS	55.375" X 4.25" X 2.625"	GENERAL			56" RADIANT TOP HEATER (2)	1S2B2
O											REF. ELEC.	D	15A	1	120	SEE DETAIL	SEE PLAN	KEC	CUSTOM		CASHER & BEVERAGE. COUNTER	2Q
O												C	650W	1	120	INDUCTION WARMER	15 3/4" DIA	I/O CONTROLS CORP	ABC-065-14		INDUCTION WELL - 17QT	3F
O												C	650W	1	120	INDUCTION WARMER	12 1/8" DIA	I/O CONTROLS CORP	ABC-065-10		INDUCTION WELL - 11QT	3G
O					3/4"							C	9.3A	1	120	W/LID DISPENSER	30"x30"x35"	CORNELIUS	ABC-255		BEVERAGE DISPENSER	4AC
O					FS							C	7.2A	1	120	ON S/S SHELF	15"x11"x16"	WELBILT	16-2172		BOOSTER	4B
O																40"x18"	WELBILT	15-2903-IP		SODA RACK	4C	
O																#26"	CHART	CARBO-MAX 750		CO2 TANK	4D	
O																	CO2Meter.com	RAD-0102-6		CO2 MONITOR & DISPLAY	4D-S1	
O						96"	1/2"									WALL MOUNT	8'x2 3/8"x23 5/8"	3M WATER FILTRATION	BEV190-56164-01		WATER FILTER	4F
O					FS	1/2"											34"x17"x6 1/2"	KEC	CUSTOM		36" COLD PAN	SC
O																	40 1/2"x31"x30"	KEC	CUSTOM		SS COLD PAN CABINET	SD
O																W/TOWEL & SOAP	SEE PLAN	KEC	CUSTOM		HAND SINK - S/S COUNTER	6B
O																						
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EQUIPMENT SCHEDULE	1
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REVISIONS:

[illegible]

DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446
ARCH PROJECT #: JCDT19-0314



PANDA EXPRESS

GREENBRIAR TOWN CENTER,
13059 LEE JACKSON MEMORIAL HWY
FAIRFAX, VA 22033

E-001

ELECTRICAL SCHEDULES

1. CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID. NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED FOR FAILURE TO OBSERVE THIS REQUIREMENT.
2. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL WIRING AND EQUIPMENT AS REQUIRED WITHIN ALL AREAS TO BE RENOVATED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO FIXTURES, DEVICES, OUTLETS, SWITCHES, RECEPTACLES, STARTERS, DISCONNECTS, ETC.
3. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING CIRCUITS TO MECHANICAL EQUIPMENT BEING REMOVED. REFER TO ALL MECHANICAL DEMOLITION DRAWINGS OR NOTES.
4. CONTRACTOR SHALL MAINTAIN CONTINUITY OF EXISTING CIRCUITS THAT ARE TO REMAIN IN FOR TEMPORARY LIGHTING OR POWER.
5. CONTRACTOR SHALL REFER TO ARCHITECTURAL DEMOLITION DRAWING FOR ADDITIONAL INFORMATION AND SCOPE OF DEMOLITION.
6. ALL MATERIALS AND EQUIPMENT REMOVED SHALL BE LEGALLY DISPOSED OF AS DIRECTED BY THE OWNER OR THE ARCHITECT.
7. CONTRACTOR TO VERIFY EXISTING BUILDING SERVICES PRIOR TO ANY NEW WORK. COORDINATE ALL WORK WITH THE LOCAL UTILITY COMPANIES.
8. CONTRACTOR SHALL REMOVE ALL LIGHTS, SWITCHES, RECEPTACLES, SECURITY DEVICES, SPEAKERS, CONDUIT AND WIRE, ETC THAT ARE NOT SPECIFICALLY NOTED ON THE DRAWINGS BUT REQUIRED FOR THE INSTALLATION OF THE NEW PANDA EXPRESS FITOUT.

ELECTRICAL DEMOLITION GENERAL NOTES

2

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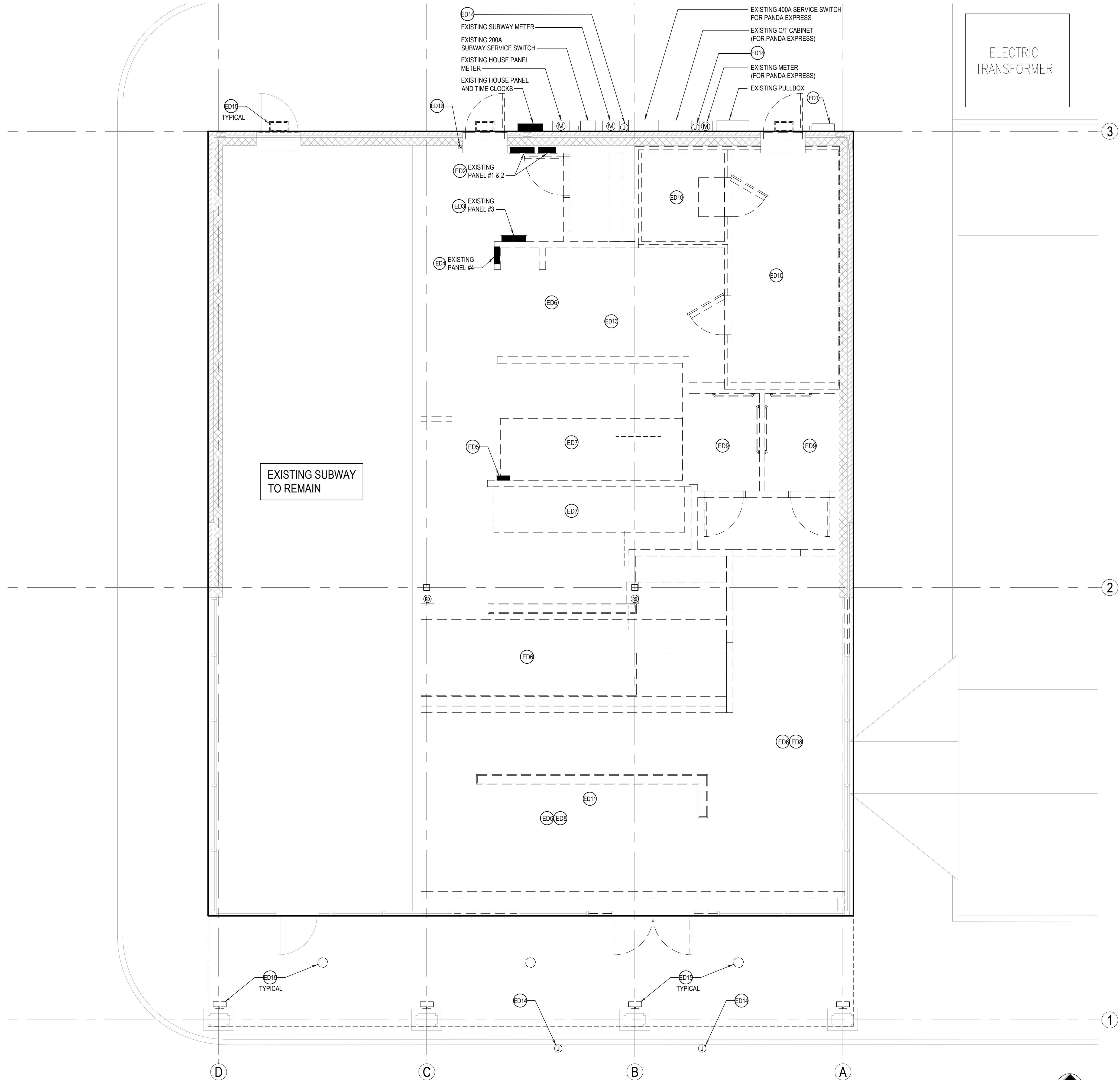
- ED1. DISCONNECT AND REMOVE EXISTING 400A NEMA 3R DISCONNECT SWITCH. REMOVED EXTERIOR CONDUIT / CONDUCTORS AND INTERIOR CONDUIT / CONDUCTORS TO EXISTING PANEL #3.
- ED2. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED 400A PANEL #1 AND SURFACE MOUNTED 200A PANEL #2. REMOVE ALL BRANCH CIRCUIT CONDUIT AND WIRE. REMOVE FEEDER BACK TO C/T CABINET. SAVE EXTERIOR FEEDER CONDUIT FOR REUSE.
- ED3. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED PANEL #3. REMOVE ALL BRANCH CIRCUIT CONDUIT AND WIRE.
- ED4. DISCONNECT AND REMOVE EXISTING RECESSED PANEL #4. REMOVE ALL BRANCH CIRCUIT CONDUIT AND WIRE.
- ED5. DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED LOAD CENTER #5. REMOVE ALL BRANCH CIRCUIT CONDUIT AND WIRE.NSUL PULL STATION. REFER TO DETAIL 2/E-400.
- ED6. DISCONNECT AND REMOVE EXISTING RECESSED FLUORESCENT LIGHT FIXTURES, CONDUIT, WIRE AND SWITCHES.
- ED7. DISCONNECT AND REMOVE EXISTING FIXTURES AND MISCELLANEOUS ELECTRICAL FROM FRYER HOOD.
- ED8. DISCONNECT AND REMOVE EXISTING PENDANT MOUNTED LIGHT FIXTURES,CONDUIT, WIRE AND SWITCHES.
- ED9. DISCONNECT AND REMOVE EXISTING LIGHTS, SWITCHES, RECEPTACLES AND EXHAUST FANS IN THE TOILET ROOM.
- ED10. DISCONNECT EXISTING COOLER AND FREEZER EVAPORATOR COILS LIGHTS AND SWITCHES. REMOVE CONDUIT AND WIRE BACK TO PANEL.
- ED11. DISCONNECT AND REMOVE EXISTING RECEPTACLES AND LOW VOLTAGE SYSTEMS BELOW THE COUNTER.
- ED12. REMOVE EXISTING INCOMING TELEPHONE CABLE LOCATED AT THE FLOOR. REMOVE CABLE BACK TO SOURCE. PROVIDE NEW CABLE TO PANDA EXPRESS BACKBOARD LOCATED AT THE MANAGER'S STATION. COORDINATE WITH LOCAL TELEPHONE COMPANY FOR NEW SERVICE.
- ED13. DISCONNECT EXISTING MECHANICAL EQUIPMENT INCLUDING RTU'S, MAU, EXHAUST FANS, SATELLITE DISH AND REFRIGERATION EQUIPMENT. REFER TO ARCHITECTURAL DEMOLITION SHEETS A-001 AND A-107 FOR ADDITIONAL INFORMATION.
- ED14. DISCONNECT EXISTING SIGN.
- ED15. EXISTING LIGHT FIXTURES TO REMAIN.

ELECTRICAL DEMOLITION KEYED NOTES

3

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ELECTRICAL DEMOLITION FLOOR PLAN

1

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

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REVISIONS:

NO.	DESCRIPTION	DATE

ISSUE DATE:

PEER REVIEW	01-27-2020
PR RESPONSE 1	02-21-2020
BUILDING PERMIT	03-11-2020

DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446

ARCH PROJECT #: JCDT19-0314

NORR
ARCHITECTS ENGINEERS PLANNERS

PANDA EXPRESS

GREENBRIAR TOWN CENTER,
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FAIRFAX, VA 22033

ED-100

DEMOLITION FLOOR PLAN

1. VERIFY ALL HVAC & KITCHEN EQUIPMENT PRIOR TO ROUGH IN.
2. ALL TELEPHONE/DATA/TV CABLES AND WIRES, TERMINATIONS AND ALL REQUIRED CABLE AND JACKS WILL BE INSTALLED BY A THIRD PARTY.
3. POWER SUPPLY FOR COMPUTER, CASH REGISTER (81, & 86, OR 87A, & 81) SHALL BE ON THE SAME CIRCUIT BREAKER, W/ISOLATED GROUND & ORANGE RECEPTACLE.
4. ALL CIRCUITRY SHOWN WITHOUT TICKS SHALL HAVE (2) WIRES PLUS EQUIPMENT GROUNDING CONDUCTOR.
5. WHEN WORKING IN JURISDICTIONS WHICH HAVE ADOPTED THE 2008 NEC OR LATER, ALL MULTI-WIRE BRANCH CIRCUITS SHALL HAVE SEPARATE NEUTRALS TO MEET THE REQUIREMENTS OF 2008 NEC 210.4(B).
6. TRANSFORMERS SHALL BE MOUNTED ABOVE CEILING AND BELOW TRUSSES WITH LOW VOLTAGE WIRING FEEDING ALL LED ROPE LIGHTS.
7. ALL UNDERGROUND CONDUIT SHALL BE 12" BELOW THE FINISHED FLOOR.

POWER PLAN GENERAL NOTES

2

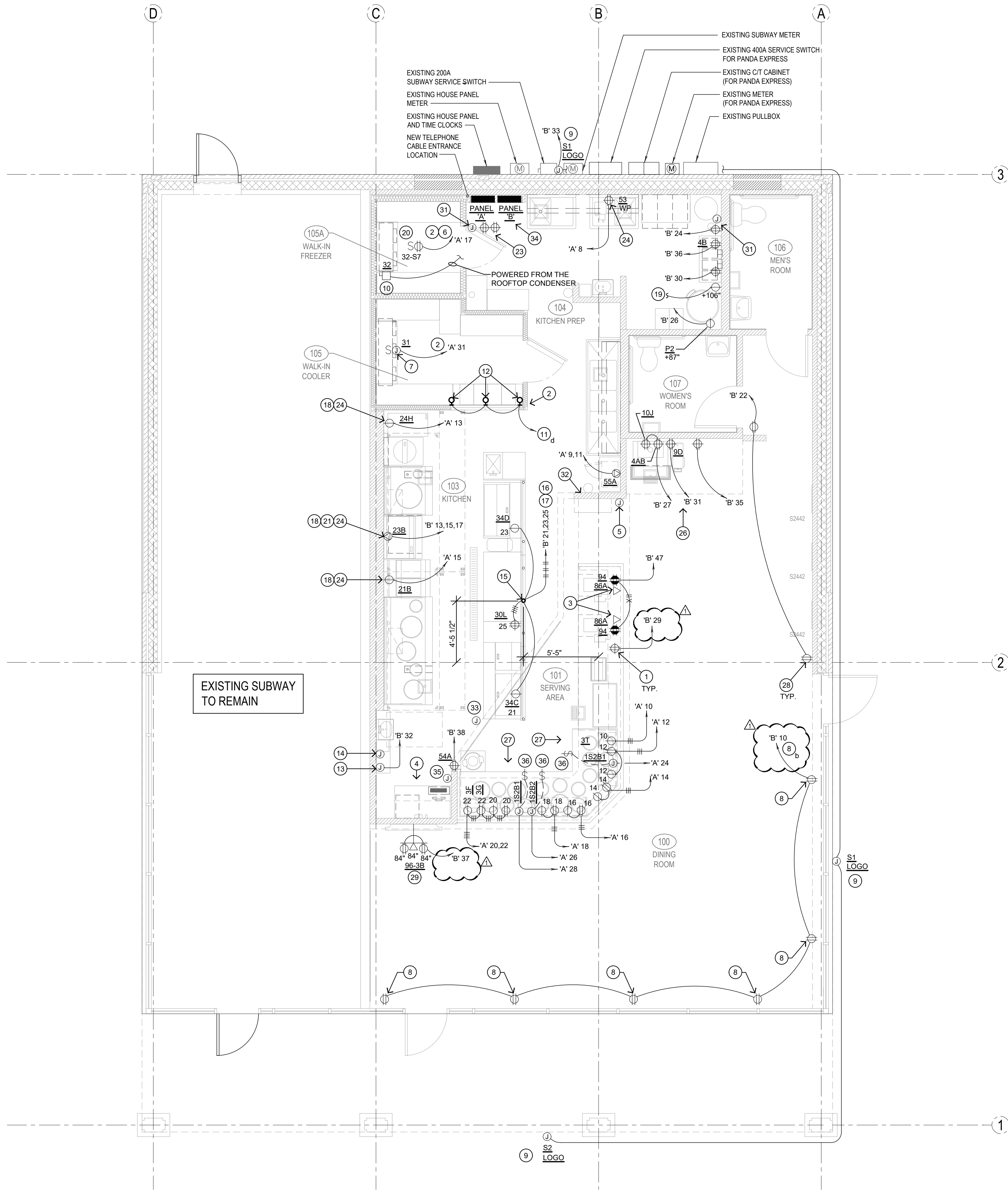
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1. ALL CIRCUITRY/CONDUIT FOR FRONT LINE EQUIPMENT TO BE ROUTED IN CASEWORK TO J-BOX IN WALL AND CONCEALED IN THE WALL.
2. PROVIDE SEALS AND EXPANSION COUPLINGS ON ALL CONDUITS ENTERING / LEAVING AREAS OF TEMPERATURE DIFFERENCE.
3. PROVIDE (2) 1 1/2" CONDUITS WITH PULL STRINGS FROM CASH REGISTER TO MANAGER'S STATION. SEE P.O.S. AND SERVICE LINE ELEVATIONS, DETAIL 3/E-200.
4. SEE 'MANAGER'S STATION ELEVATION', DETAIL 1/E-200 FOR ADDITIONAL OUTLETS AND J-BOXES.
5. ANSUL PULL STATION. REFER TO DETAIL 2/E-400.
6. REFER TO 'FREEZER LTG AND DOOR HEATER WIRING DIAGRAM', DETAIL 10/E-400.
7. REFER TO 'COOLER EVAPORATOR COIL' WIRING DIAGRAM, DETAIL 8/E-400.
8. SHOW WINDOW RECEPTACLE SHALL BE CONTROLLED VIA SWITCH 'b'. REFER TO LIGHTING SWITCHBANK SCHEDULE, DETAIL 4/E-101. RECEPTACLE SHALL BE MOUNTED IN WALL AS CLOSE TO TOP OF STRUCTURAL HEADER AS POSSIBLE.
9. W.P. J-BOX FOR SIGNAGE. COORDINATE LOCATION WITH ARCHITECT / OWNER / SIGN PACKAGE. SIGN DISCONNECT PROVIDED BY SIGN CONTRACTOR.
10. REFER TO 'FREEZER EVAPORATOR COIL' WIRING DIAGRAM, DETAIL 9/E-400. THE FAN COIL UNIT IS POWERED FROM THE CONDENSER UNIT ON THE ROOF VIA A DISCONNECT CONNECTION. CONNECTION FOR HEAT TRACE TAPE INCLUDED IN FREEZER EVAPORATOR COIL. HEAT TAPE PROVIDED AND INSTALLED BY ELECTRICIAN.
11. ROUTE HOMERUN THROUGH LIGHTING SWITCHBANK 'A' (SWITCH AS NOTED IN LOWER CASE). REFER TO SCHEDULE, SHEET 4/E-101, FOR MORE INFORMATION.
12. CONNECT TO VEGETABLE DISPLAY LIGHTING. LIGHTING IS PROVIDED WITH WALK-IN COOLER.
13. HOOD CONTROL PANEL/ANSUL SYSTEM CABINET. MOUNT CABINET DIRECTLY BELOW T-BAR CEILING.
14. PROVIDE 2-GANG J-BOX @ 48" AFF FOR HOOD CONTROL SWITCHES. REFER TO SHEETS M-400 AND M-401.
15. CONDUIT STUB UP LOCATION IN STAINLESS STEEL POWER PANEL FOR ISLAND KITCHEN EQUIPMENT CONNECTION. REFER TO DETAIL 2/A-109. COORDINATE LOCATION WITH ARCHITECT / OWNER.
16. ROUTE CABLING / CIRCUITRY THROUGH CONDUIT IN SLAB (KEYED NOTE #15).
17. UTILIZE SEAL TIGHT CONDUIT FOR ALL WIRING INCLUDED THAT ALONG LOW WALL PANEL.
18. ALL DEVICES UNDER HOOD TO BE CONNECTED THROUGH SHUNT TRIPPED CONTACTOR. REFER TO 13/E-400 AND COOKLINE ELECTRICAL ELEVATIONS, DETAIL 6/E-200.
19. SIMPLEX RECEPTACLE TO BE CONNECTED TO BACK-OF-HOUSE LIGHTING CIRCUITRY/CONTROL. CONTRACTOR TO PROVIDE PIGTAIL FROM CIRCULATION PUMP.
20. PROVIDE WEATHERPROOF RECEPTACLE FOR HEAT TAPE ON GFI PROTECTED CIRCUIT BREAKER. COORDINATE FINAL LOCATION WITH REFRIGERATION INSTALLER.
21. ELECTRIC GRILL '23B': FEED WITH 3 #8, #10 GROUND, 3/4" CONDUIT. REFER TO DETAIL 4/E-200.
22. NOT USED.
23. FURNISH AND INSTALL (2) HUBBELL GFSTBF20 FACELESS GFCI (OR EQUIVALENT), (1) FOR EACH CIRCUIT FEEDING EQUIPMENT BENEATH THE KITCHEN HOOD WHICH UTILIZES SIMPLEX 120V RECEPTACLES. INSTALL IN AN ACCESSIBLE LOCATION IN THIS GENERAL AREA, OR AS DIRECTED BY THE OWNER, ARCHITECT OR ENGINEER. PROVIDE ADDITIONAL OUTLETS AS REQUIRED TO FEED ALL SUCH LOADS BENEATH THE HOOD. FASTEN A PLASTIC LABEL STATING CIRCUIT AND EQUIPMENT SERVED FOR EACH OUTLET. MOUNT OUTLETS BELOW PANEL.
24. PROVIDE WATERPROOF COVER, IN-USE, RED DOT (#CKSUV).
25. NOT USED.
26. SEE DRINK STATION AND MONITOR ELEVATION, DETAIL 5/E-200.
27. SEE 3/E-200 FOR SERVICE LINE ELEVATIONS.
28. SEE DEVICE/RECEPTACLE SCHEDULE 3/E-400.
29. SEE DRINK STATION AND DINING ROOM MONITOR ELEVATIONS, DETAIL 5/E-200.
30. NOT USED.
31. REFER TO DETAILS #1/E-200 AND 8/E-200 FOR INSTALLATION OF CO2 MONITOR DEVICES.
32. SEE SWITCH BANK ELEVATION, DETAIL 7/E-200.
33. MOUNT CAPTIVEAIRE SENSOR ON SOFFIT. COORDINATE LOCATION WITH MECHANICAL. REFER TO DETAIL M-401 FOR ADDITIONAL INFORMATION.
34. MOUNT TIME CLOCKS ABOVE PANEL 'B'.
35. SEE SECURITY KEY PAD ELEVATION, DETAIL 1/E-200.
36. CONNECT HEAT LAMPS TO COUNTER-MOUNTED SWITCH PROVIDED AND INSTALLED BY CONTRACTOR. REFER TO PLAN FOR LOCATIONS AND QUANTITIES.

POWER PLAN KEYED NOTES

3

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POWER FLOOR PLAN

1

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

E-100



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REVISIONS:

PERMIT RESPONSE 1 06-01-2020

ISSUE DATE:

PEER REVIEW 01-27-2020
PR RESPONSE 1 02-21-2020
BUILDING PERMIT 03-11-2020

DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446

ARCH PROJECT #: JCDT19-0314

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ARCHITECTS ENGINEERS PLANNERS

PANDA EXPRESS

GREENBRIAR TOWN CENTER,
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E-100

POWER FLOOR PLAN



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△	PERMIT RESPONSE 1	06-01-2020

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DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446
ARCH PROJECT #: JCDT19-0314



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E-101

LIGHTING FLOOR PLAN

- CONTRACTOR SHALL PROVIDE ALL REQUIRED HARDWARE, BRACKETS, ETC. FOR A COMPLETE LIGHTING FIXTURE INSTALLATION.
- ALL LIGHTING FIXTURES SHALL BE SUPPORTED PER N.E.C. 410-16(C). SEE DETAIL, 4/E-400.
- CONTRACTOR SHALL INSTALL ALL LIGHTING FIXTURES INCLUDING OWNER-FURNISHED FIXTURES.
- ALL FIXTURE BALLASTS SHALL BE U.L. LISTED.
- E.C. SHALL INSTALL OWNER SUPPLIED LED STRIP LIGHTING & CUT TO PROPER LENGTH. COORDINATE WITH OWNER FOR EXACT LENGTHS AND FINAL LOCATIONS.
- WHEN WORKING IN JURISDICTIONS WHICH HAVE ADOPTED THE 2008 NEC OR LATER, ALL MULTI-WIRE BRANCH CIRCUITS TO HAVE SEPARATE NEUTRALS TO MEET THE REQUIREMENTS OF 2008 NEC 210.4(B).
- ALL CIRCUITRY SHOWN WITHOUT TICKS SHALL HAVE (2) WIRES PLUS EQUIPMENT GROUNDING CONDUCTOR.
- 'N.L.' DESIGNATION INDICATES NIGHT LIGHT ON UNSWITCHED CIRCUIT.

LIGHTING GENERAL NOTES

2

NOT TO SCALE E-101

LIGHTING KEYED NOTES

3

NOT TO SCALE E-101

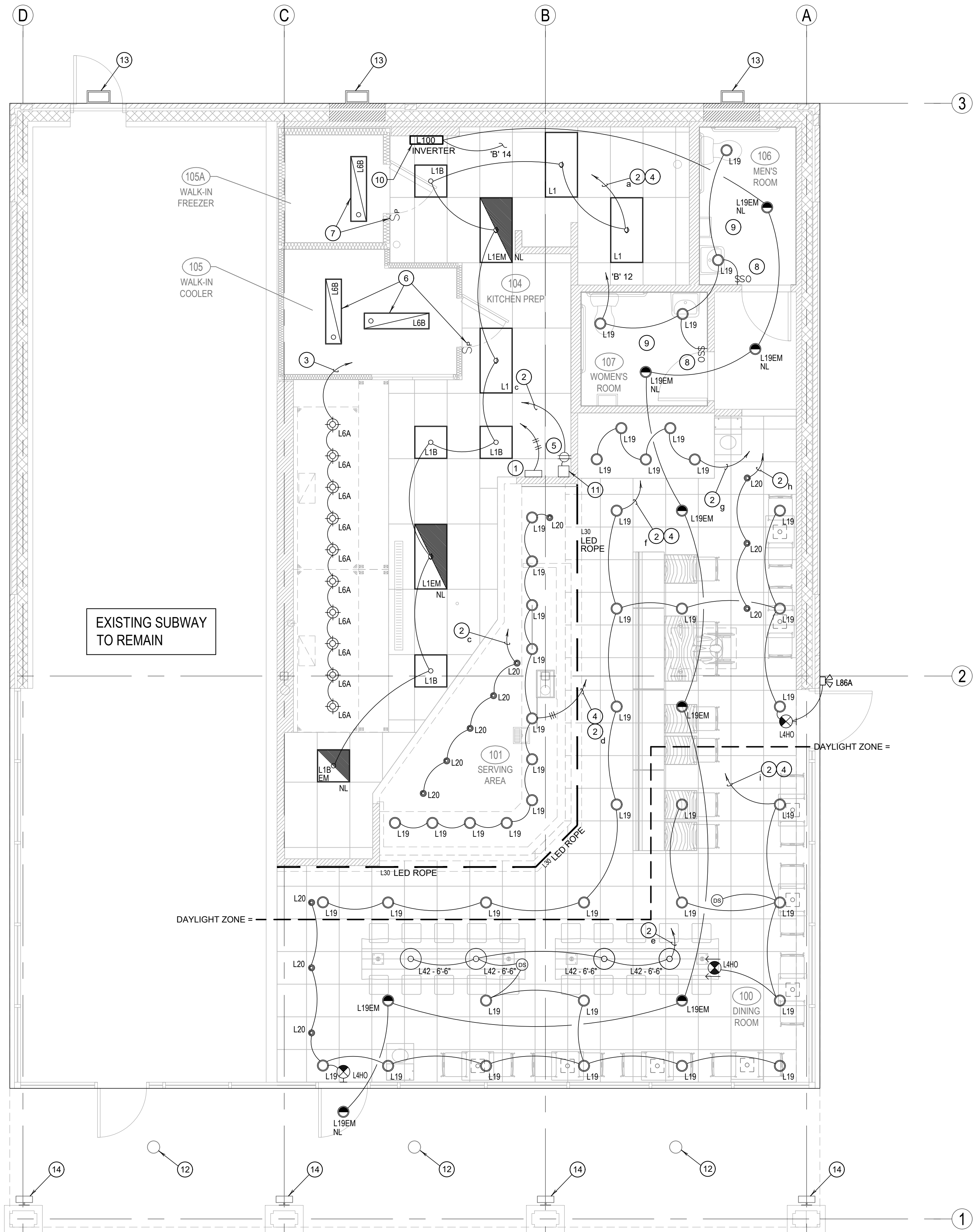
NOTE:
FIXTURES TO BE ROUTED VIA TIME TIMECLOCKS ARE SHOWN ON
DETAIL 11/E400.

NOTE:
CONTRACTOR TO INSTALL (2) 5 GANG SWITCH BOXES AS SHOWN
BELOW. DO NOT INSTALL SEPERATE/INDIVIDUAL BOXES FOR EACH
SWITCH

(a)	(b)	(c)	(d)	(e)
\$D	\$D	\$D	\$D	\$D
BACK OF HOUSE LTG & EX. FAN & RECIRC PUMP	SHOW WINDOW RECEPS	WALK-IN, MENU LED ACCENTS	SERVING LINE SOFFIT	DINING PENDANTS
(f)	(g)	(h)	(i)	60:00
\$D	\$D	\$D	\$D	
INTERIOR DINING	BEVERAGE COUNTER	DECORATIVE LIGHTING	DAYLIGHT HARVEST	INTERIOR LIGHTING SHUT DOWN OVERRIDE

SWITCHBANK SCHEDULE 'A'				
TAG	SWITCH TYPE	AREA SERVED / SWITCH LABEL	CIRCUIT	LOAD
a	TOGGLE SWITCH	BACK-OF-HOUSE / RR FANS	'B' 14	530 VA
b	TOGGLE SWITCH	SHOW WINDOW RECEP	'B' 10	1100 VA
c	TOGGLE SWITCH	WALK-INS, MENU, LED ACCENTS	'B' 28	205 VA
d	TOGGLE SWITCH	SERVING LINE SOFFIT	'B' 14	154 VA
e	TOGGLE SWITCH	DINING PENDANTS	'B' 8	24 VA
f	TOGGLE SWITCH	INTERIOR DINING	'B' 8	118 VA
g	TOGGLE SWITCH	BEVERAGE COUNTER	'B' 8	70 VA
h	TOGGLE SWITCH	DECORATIVE LIGHTING	'B' 8	15 VA
i	TOGGLE SWITCH	DAYLIGHT HARVESTING ZONE	'B' 8	219 VA

- SWITCHBANK 'A'. REFER TO SCHEDULE 4/E-101.
- ROUTE HOMERUN THROUGH LIGHTING SWITCHBANK 'A' (SWITCHES AS NOTED IN LOWER CASE). REFER TO SCHEDULE 4/E-101 FOR MORE INFORMATION.
- ROUTE THROUGH CONTACTS IN HOOD CONTROL PANEL 'M4' FOR CIRCUIT POWER. REFER TO 3/E-401.
- PROVIDE SEPARATE UNSWITCHED HOT CONDUCTOR (SAME CIRCUIT, NOT CONTROLLED BY SWITCH IN SWITCHBANK) TO LOCALLY SWITCHED FIXTURES AND EMERGENCY FIXTURE BATTERY TRIGGER LEADS.
- DUPLEX RECEPTACLE FOR LED ROPE. INSTALL ABOVE CEILING AT +128". REFER TO 8 & 9/A-402 FOR MORE INFORMATION.
- WALK-IN COOLER LIGHT FIXTURES AND PILOT LIGHT SWITCH PROVIDED WITH COOLER INSTALLED BY E.C. REFER TO 'COOLER EVAPORATOR COIL' WIRING DIAGRAM, 9/E-400.
- WALK-IN FREEZER LIGHT FIXTURE AND PILOT LIGHT SWITCH PROVIDED WITH FREEZER INSTALLED BY E.C. REFER TO 'FREEZER LTG AND DOOR HEATER WIRING DIAGRAM', 10/E-400.
- REFER TO 'EXHAUST FAN CONTROL DIAGRAM', 5 / E-400, FOR MORE INFORMATION.
- FIXTURES IN THIS ROOM SHALL BE LOCALLY SWITCHED.
- LIGHTING INVERTER FOR EMERGENCY LIGHTING TO BE MOUNTED ABOVE PANELS. RE: 8/E200.
- LED TRANSFORMER FOR LED ROPE LIGHTING LOCATION, MOUNT ABOVE CEILING.
- EXISTING RECESSED CANOPY LIGHT CONNECTED AND CONTROLLED BY A HOUSE PANEL / TIME CLOCK.
- EXISTING WALL PACK FIXTURE CONNECTED AND CONTROLLED BY A HOUSE PANEL / TIME CLOCK.
- EXISTING WALL SCONCE FIXTURE CONNECTED AND CONTROLLED BY A HOUSE PANEL / TIME CLOCK.



LIGHTING SWITCHBANK SCHEDULE

4

NOT TO SCALE E-101

LIGHTING FLOOR PLAN

1

Scale: 1/4"=1'-0" E-101



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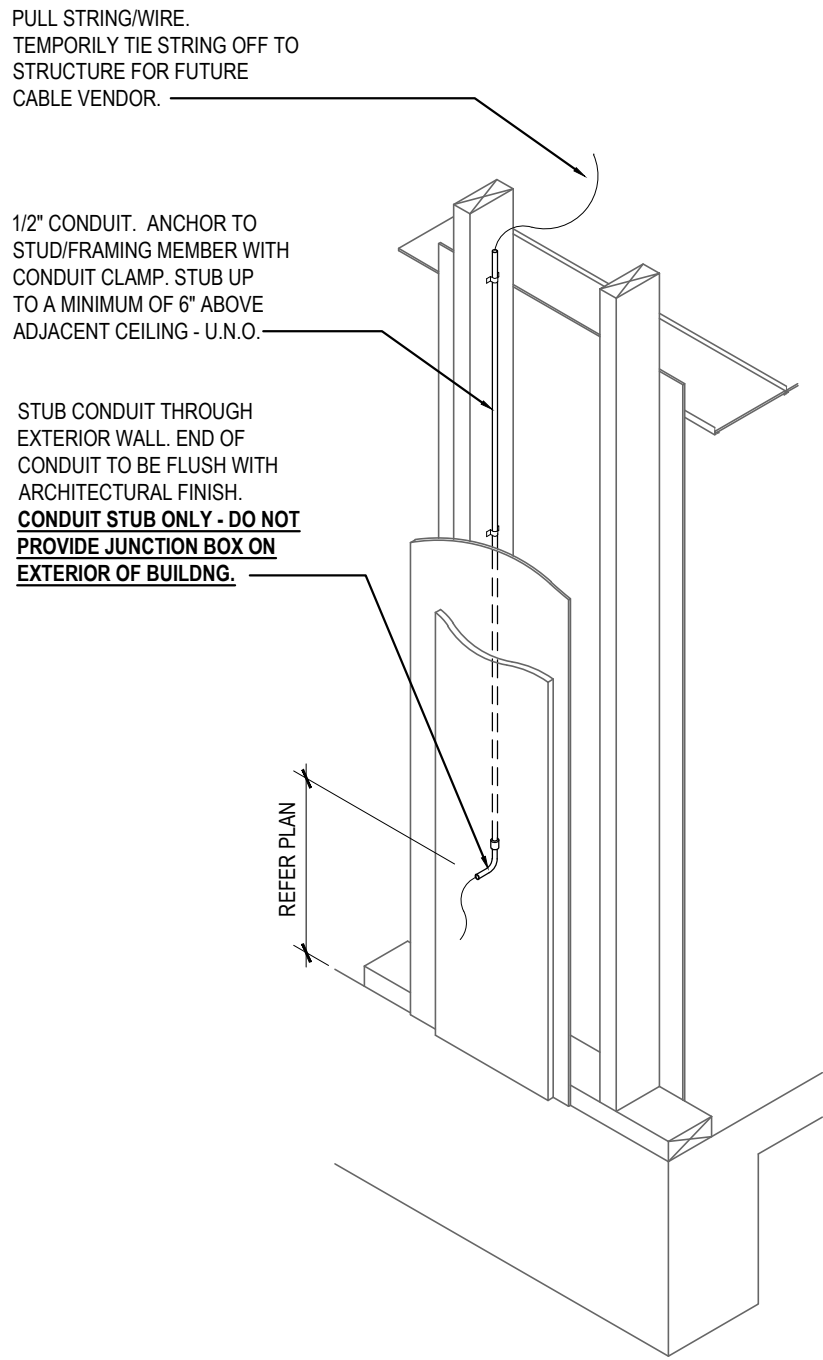
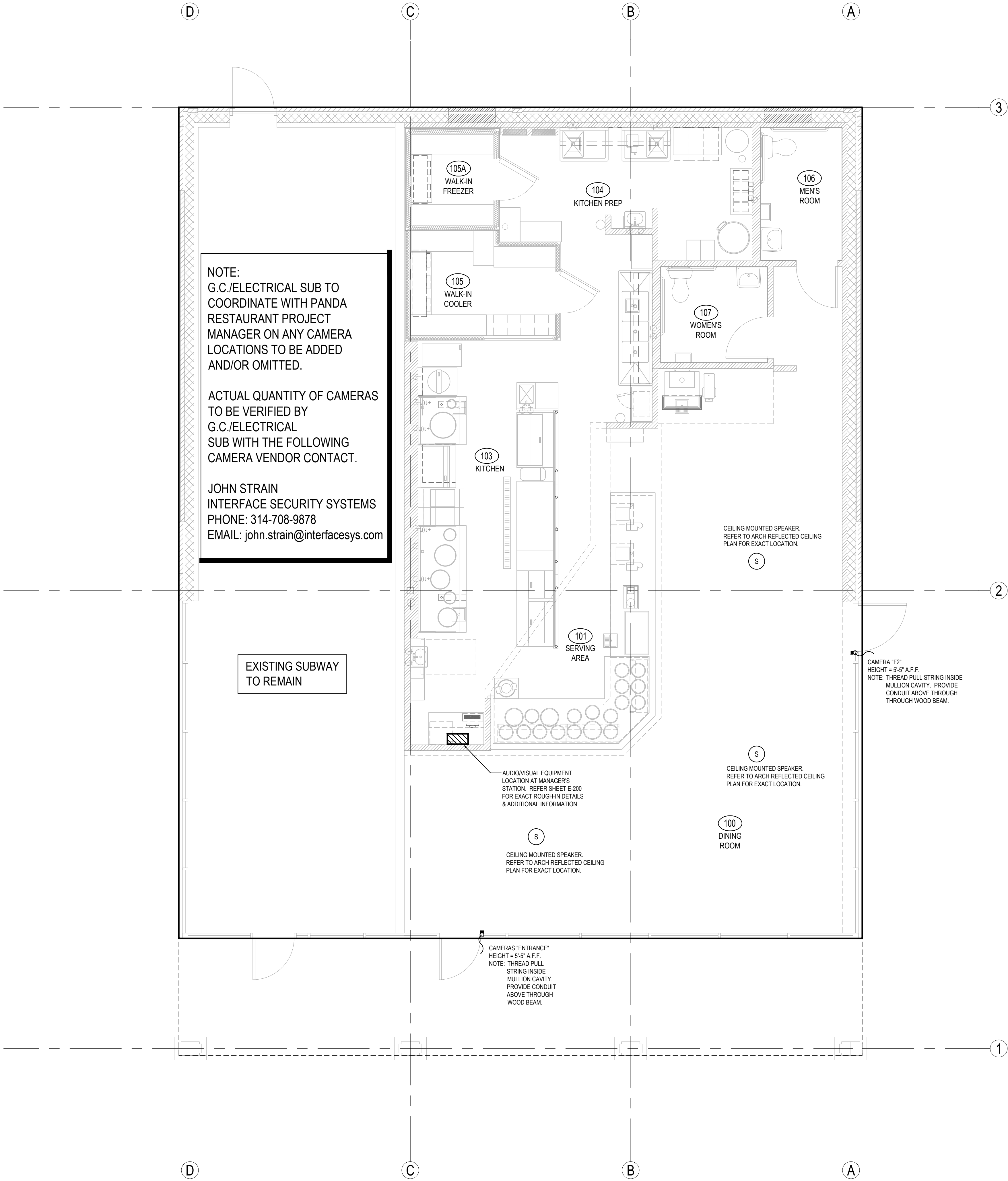
ARCH PROJECT #: JCDT19-0314



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E-102

SECURITY CAMERA PLAN



CONDUIT ROUGH-IN DETAIL 2
NOT TO SCALE E-102

SECURITY CAMERA PLAN 1
Scale= 1/4" = 1'-0" E-102

- ALL ROOF MOUNTED EQUIPMENT SHALL BE IN NEMA-3R ENCLOSURES.
- ALL CONDUIT RUNS SHOWN ON THE ROOF PLAN SHALL BE RUN BELOW THE CEILING SPACE WHERE AMBIENT TEMPERATURE WILL BE BELOW 30° C. FINAL CONNECTIONS TO THE ROOF EQUIPMENT IS LIMITED TO 5'-0" OF DIRECT SOLAR EXPOSURE.
- NOT USED.
- VERIFY ALL FUSE SIZES AND TYPES WITH THE AIR CONDITIONING EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
- REVIEW THE MECHANICAL PLANS FOR THE AIR CONDITIONING CONTROL REQUIREMENTS AND SCOPE OF WORK PRIOR TO BIDDING AND INCLUDE ALL COSTS IN THE BID.
- VERIFY CONNECTION POINTS OF ALL HVAC EQUIPMENT PRIOR TO INSTALLATION. PROVIDE CONTROL VOLTAGE CONNECTION TO DUCT MOUNTED SMOKE DETECTOR AS REQUIRED BY MECHANICAL DRAWING M-100.
- SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT AND THERMOSTATS. PROVIDE RACEWAY SYSTEM FOR ALL CONTROL WIRING AS REQUIRED BY MECHANICAL DRAWING M-100.
- G.C. SHALL COORDINATE ELECTRICAL, MECHANICAL AND FIRE ALARM (IF REQUIRED) FOR INTERLOCK SEQUENCE.
- RESTROOM EXHAUST FAN TO BE POWERED FROM BACK OF HOUSE LIGHTING CIRCUIT. SEE DETAIL 5/E400 FOR ADDITIONAL INFORMATION.

ROOF PLAN GENERAL NOTES

2

NOT TO SCALE E-104











- ROUTE HOMERUN THROUGH BACK OF HOUSE LIGHTING CIRCUIT. REFER TO LIGHTING PLAN, SHEET 1/E-101. FAN TO BE CONTROLLED BY SWITCH FOR BACK OF HOUSE LIGHTING.
- 120VAC DUCT-MOUNTED SMOKE DETECTOR - LOCATION PER MECHANICAL. CONFIGURE FOR HVAC SYSTEM UNIT SHUT-DOWN.
- ROUTE CIRCUITRY THROUGH HOOD CONTROL PANEL 'M4'. REFER TO DETAIL 3/E-401.
- REFER TO CONDENSING UNIT WIRING DIAGRAM, DETAIL 7/E-400.
- STRUT RACK SUPPORT FOR EQUIPMENT DISCONNECT SWITCHES. REFER TO DETAIL 2/E-401.
- PROVIDE AND INSTALL 2-1/2" DIA GALVANIZED RIGID METAL CONDUIT AND WEATHERHEAD AS SHOWN. CONDUIT TO BE STRAPPED TO CLOSEST JOIST TO THE MANAGER'S STATION (FULL DEPTH). SEE DETAIL 2/A-108.
- DO NOT INSTALL UNTIL BACK DRAFT DAMPER INSTALLATION IS COMPLETE. UTILIZE FACTORY KNOCKOUTS FOR ELECTRICAL RUN FOR THIS FAN. REFER TO SHEET M-402.
- MOUNT PHOTOCELL AS DETAILED ON CONDENSER RACK DETAIL 11/E-400.
- STUB ELECTRICAL FEED FOR EF-1 & EF-2, THROUGH ROOF ON HINGE SIDE OF EXHAUST FANS, IN LOCATION AS SHOWN ON POWER ROOF PLAN. REFER TO DETAIL 3/M-501 FOR ADDITIONAL DETAILS.
- FEED CONNECTION THROUGH FACTORY BASE AREA. COORDINATE WITH MECHANICAL.
- UNIT INCLUDES FACTORY MOLDED CASE DISCONNECT SWITCH (NOOCP). VERIFY WITH MECHANICAL SUBMITTAL DATA. PROVIDE DISCONNECT IF / AS REQUIRED.
- CONNECT TO SHUNT TRIP IN PANEL TO SHUT DOWN THE UNIT UPON ACTIVATION OF THE ANSUL SYSTEM.

ROOF PLAN KEYED NOTES

3

NOT TO SCALE E-104

ROOFTOP EQUIPMENT SCHEDULE

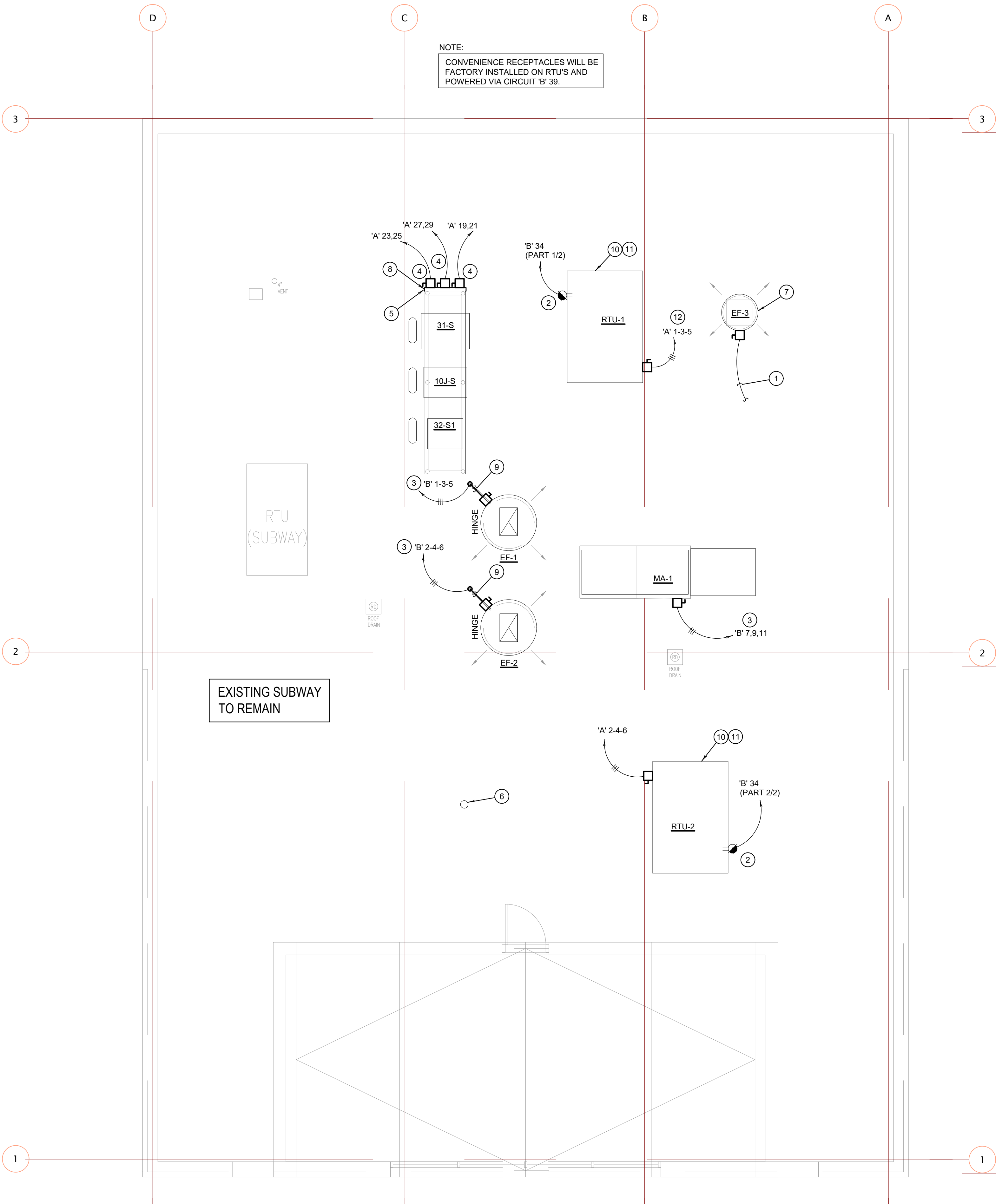
TAG	DESCRIPTION	KW	H.P.	FLA	VOLT/Ø	WIRE, CONDUIT	CONN.	MOUNT HEIGHT	DISC. SW. WITH RK1 FUSES PER MFR'S REQ'S. AND/OR REMARKS
RTU1	A/C UNIT			41.0	208V.3Ø	3 #6, #10 GND., 1" C.		AT UNIT	60A. 3P. 3F. WP (1) (4)
RTU2	A/C UNIT			41.0	208V.3Ø	3 #6, #10 GND., 1" C.		AT UNIT	60A. 3P. 3F. WP (1) (4)
MA-1	MAKE-UP AIR UNIT		3.0	11.0	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1) (4)
EF-1	EXHAUST FAN		2.0	5.9	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1)
EF-2	EXHAUST FAN		2.0	5.9	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1)
EF-3	EXHAUST FAN		1/4	4.8	120V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	30A. 2P. 1F. WP (1) (4)
31-S	W/I COOLER COND.			15.0	208V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	(2) (3)
32-S1	W/I FREEZER COND.			20.0	208V.1Ø	2 #10, #10 GND., 3/4" C.		AT UNIT	(2) (3)
10J-S	ICE MACHINE COND.			11.7	208V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	(2) (3)

- DISCONNECT SWITCH PROVIDED WITH UNIT.
- COMBINATION 30A. 2P. 2F. WP DISCONNECT SWITCH WITH RK5 FUSES PER MANUFACTURER RECOMMENDATION.
- COMBINE CIRCUITRY IN 1" CONDUIT FROM J-BOX ON EQUIPMENT DISCONNECT SWITCH SUPPORT. REFER TO DETAIL 1/E-104, THIS SHEET.
- ELECTRICAL FEEDS ARE TO BE ROUTED FROM PLENUM SPACE, UP THROUGH EQUIPMENT CURB, INTO BOTTOM OF EQUIPMENT, THROUGH FACTORY INSTALLED WATER TIGHT CONNECTIONS.

HVAC EQUIPMENT SCHEDULE

4

NOT TO SCALE E-104



ROOF POWER PLAN

1

1/4" = 1'-0" E-104



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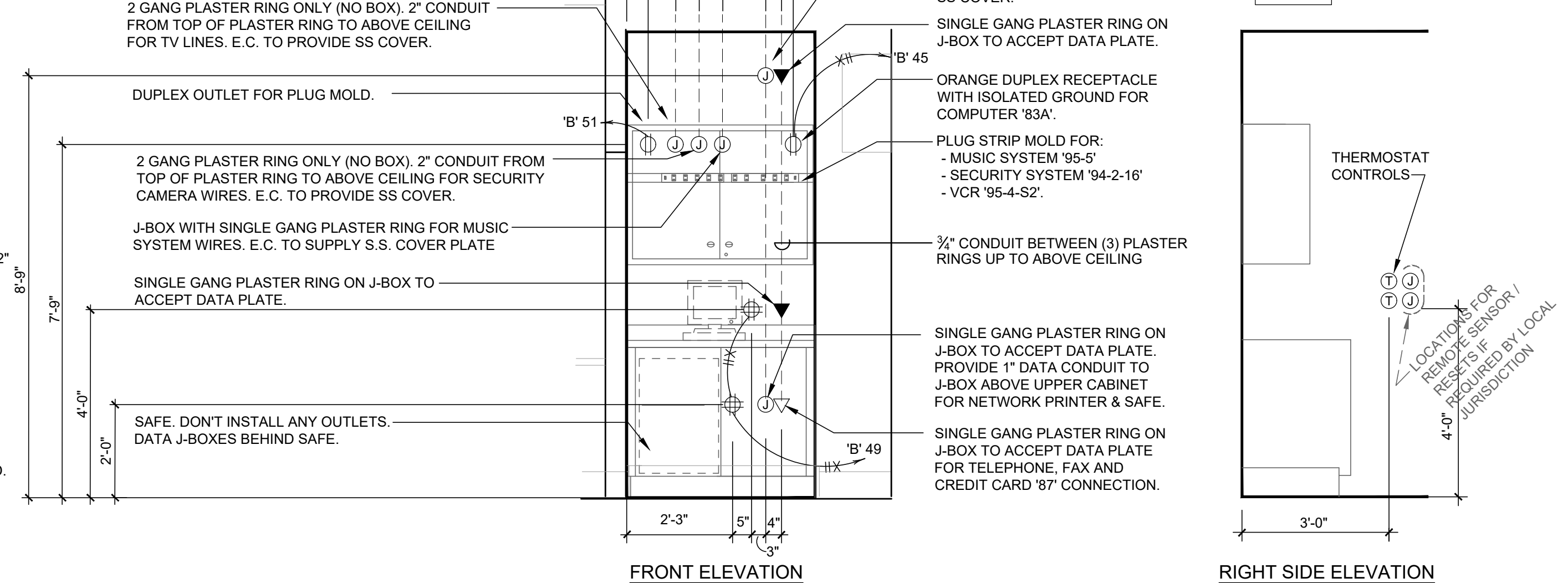
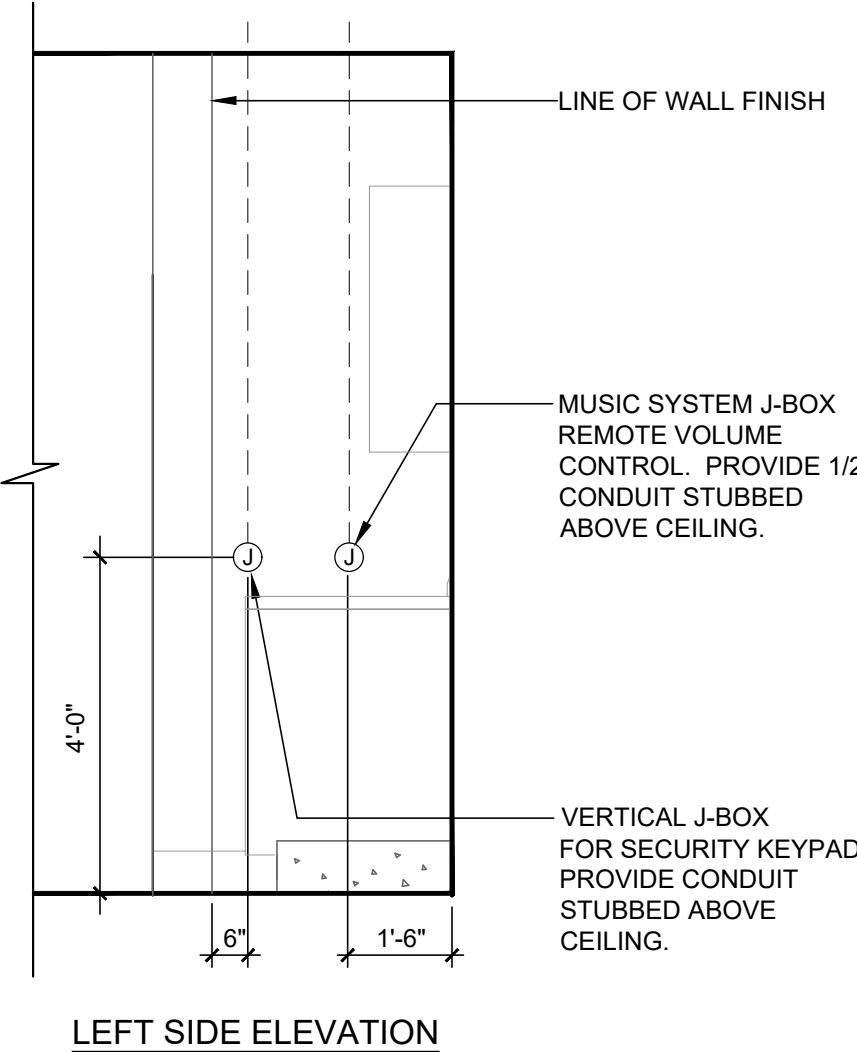
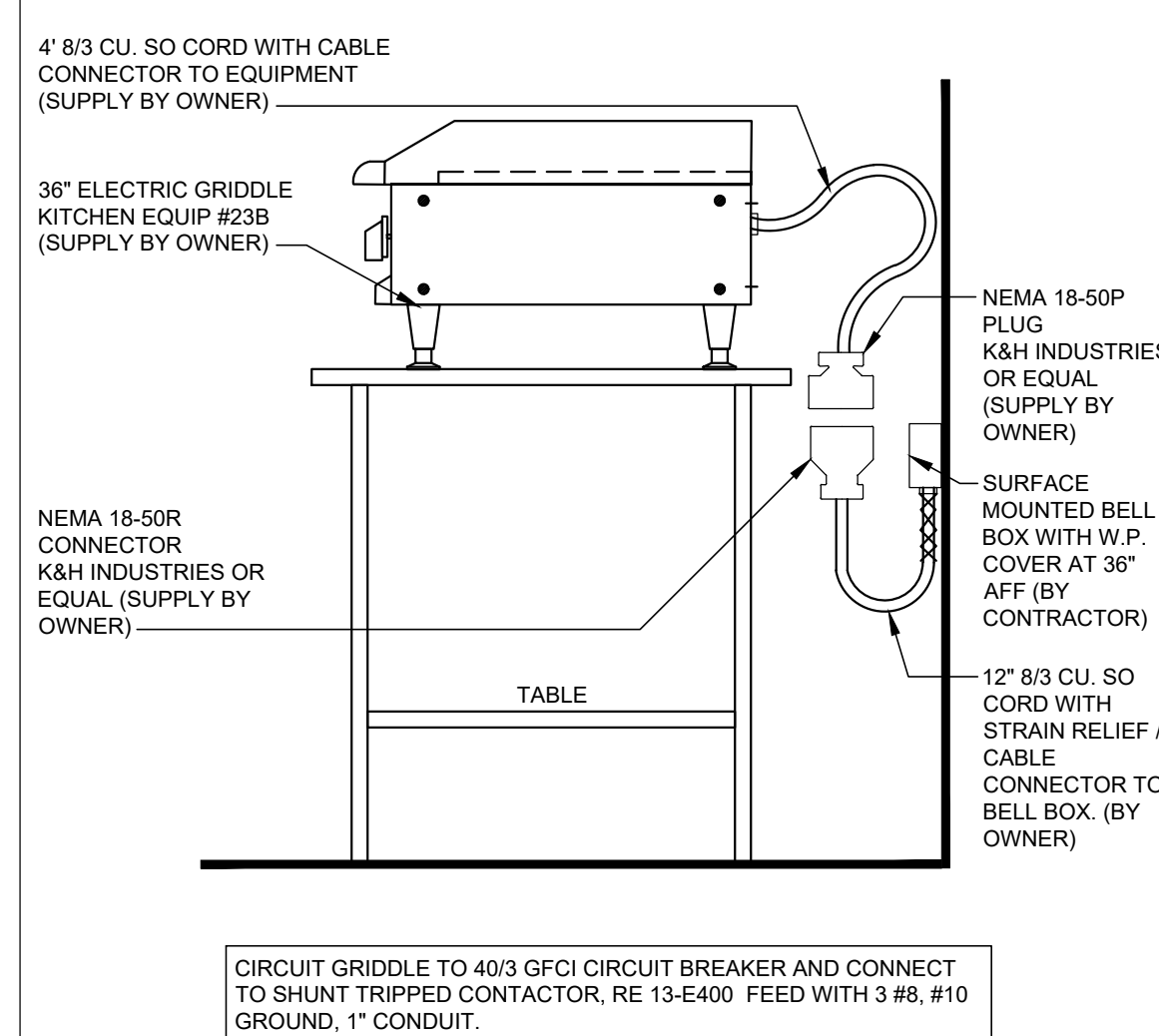
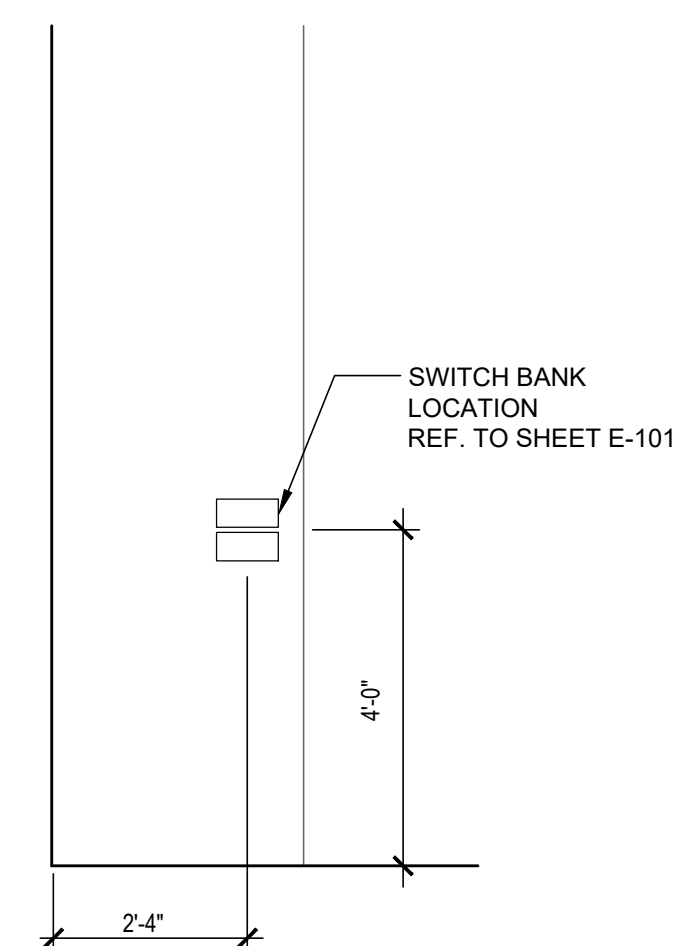
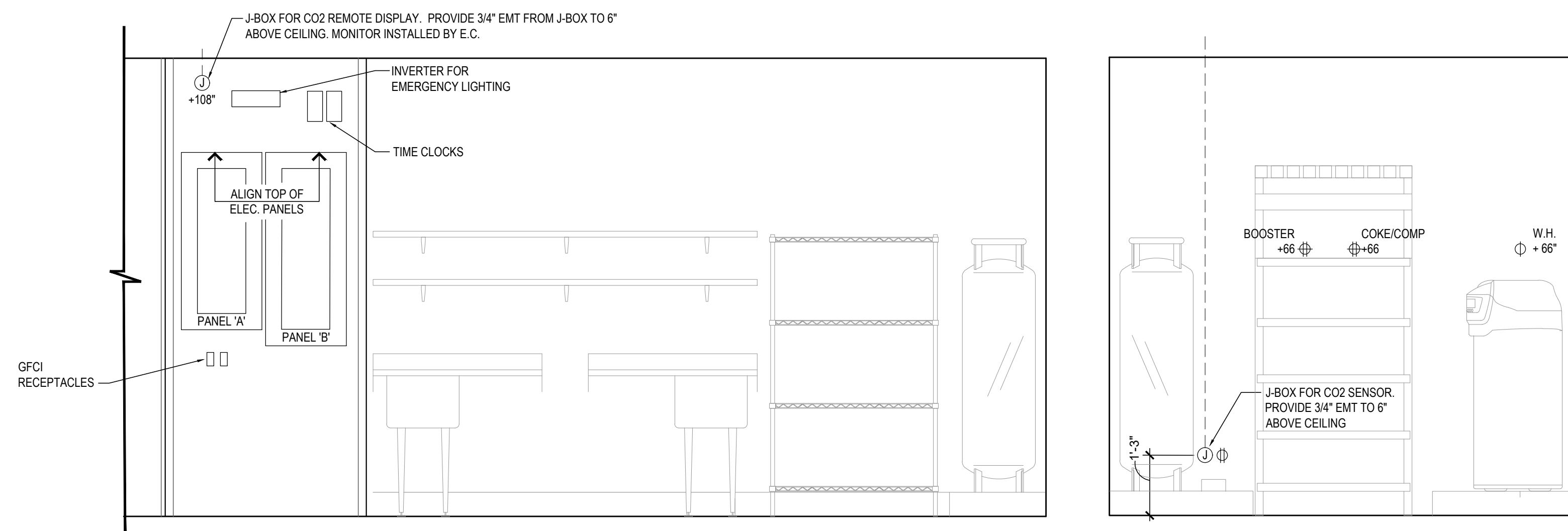
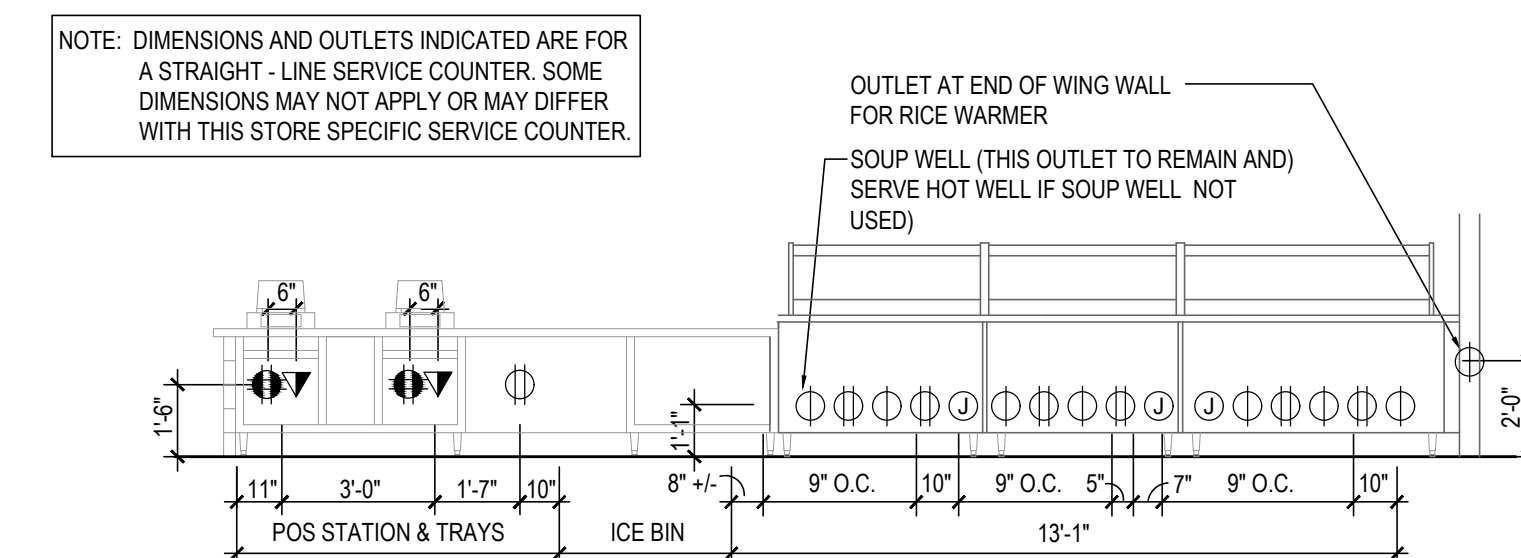
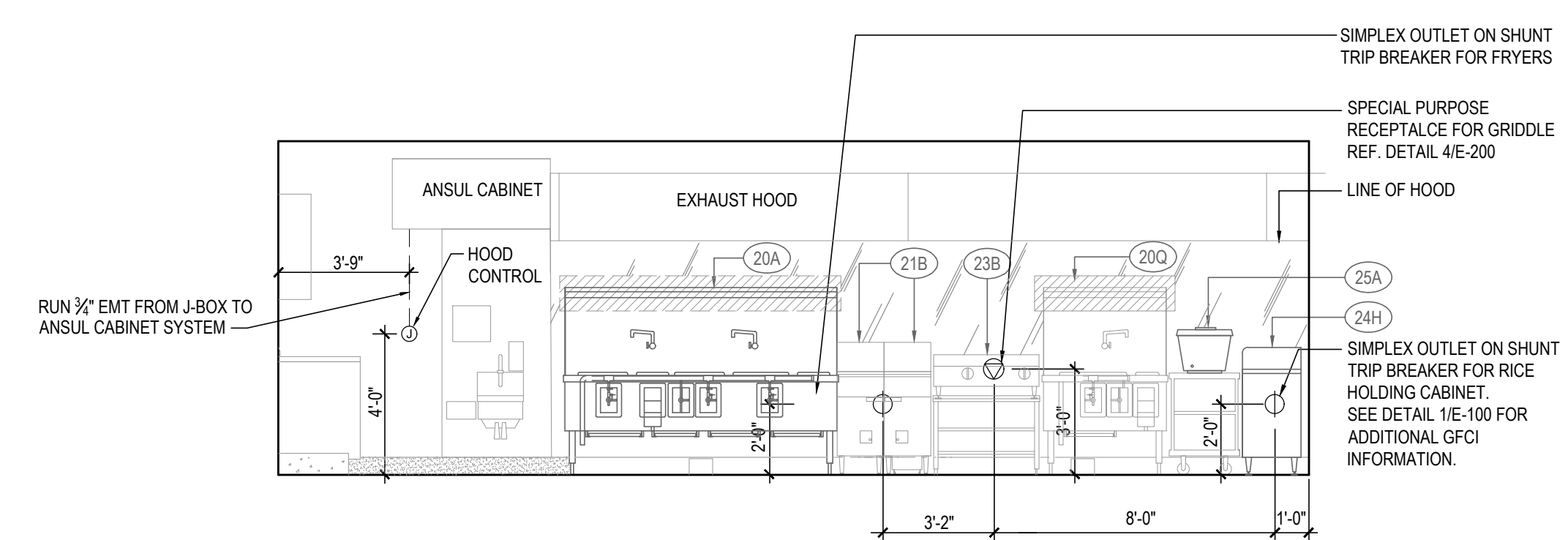
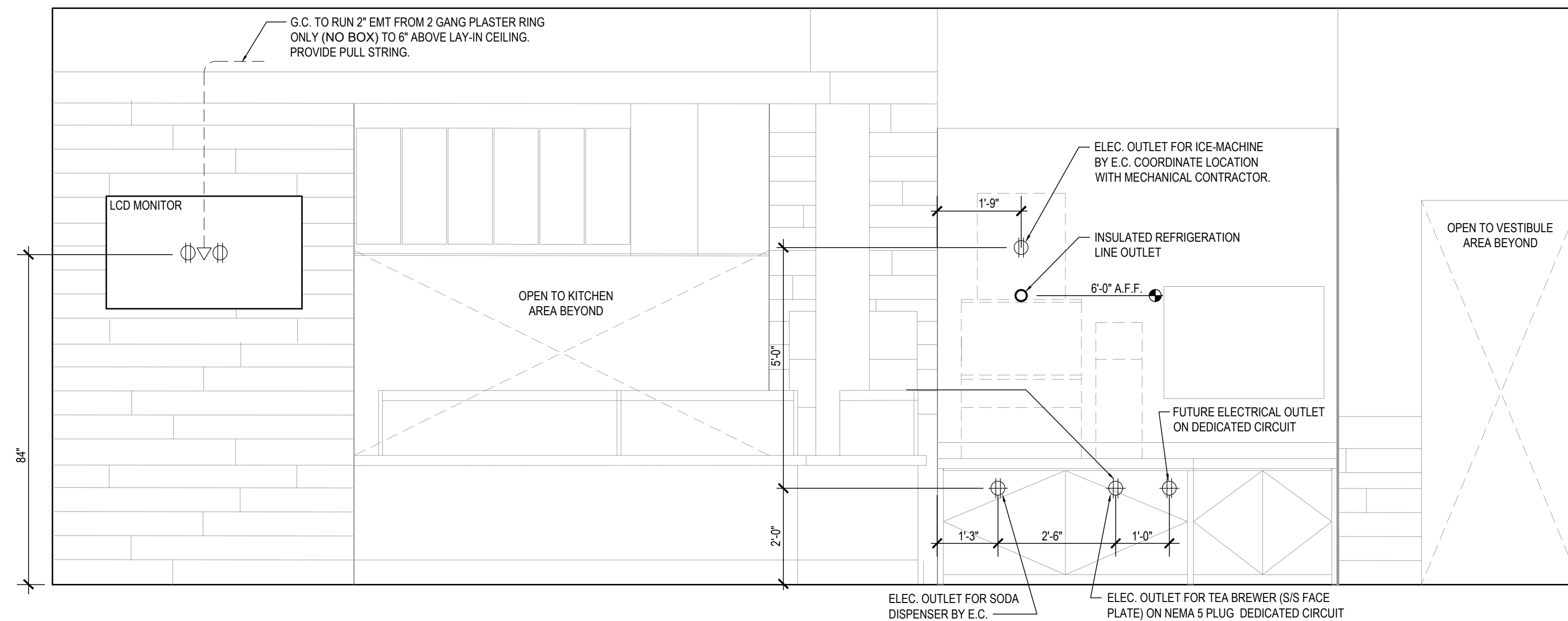
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E-104

ROOF POWER PLAN



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E-200

ELECTRICAL ELEVATIONS



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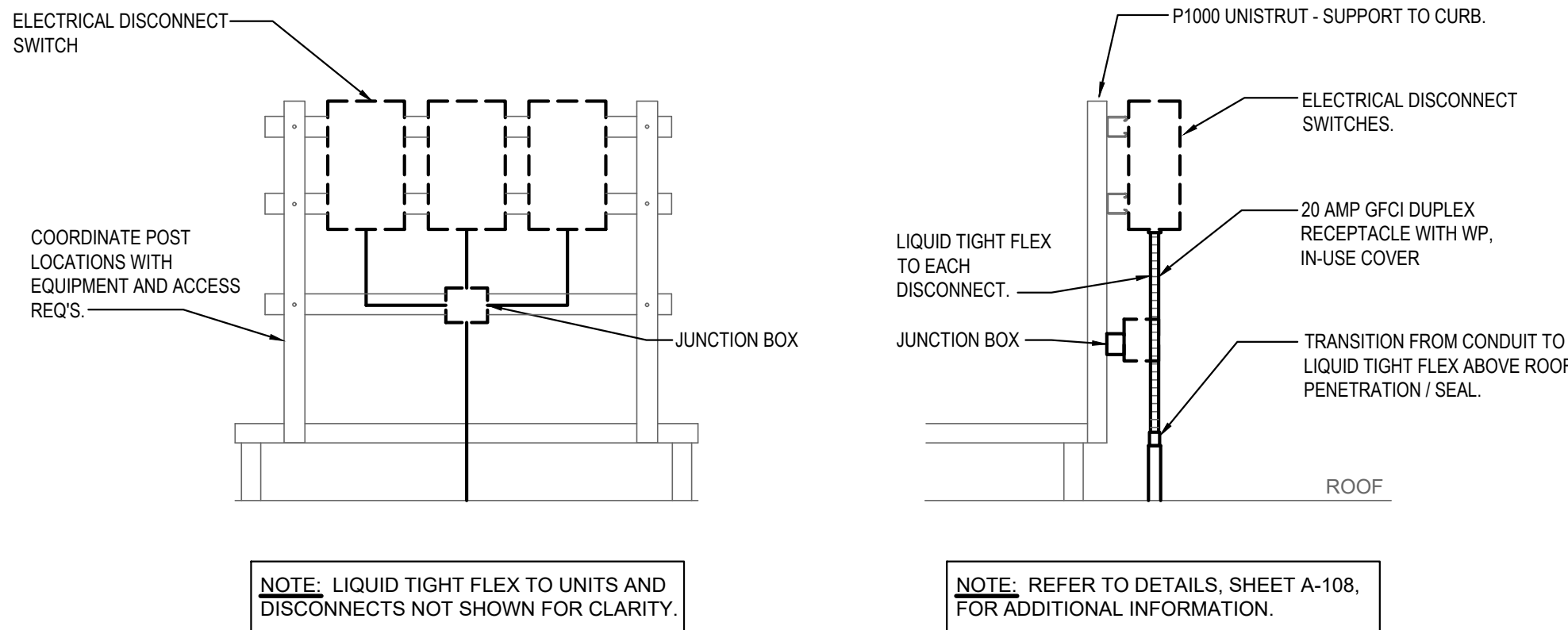
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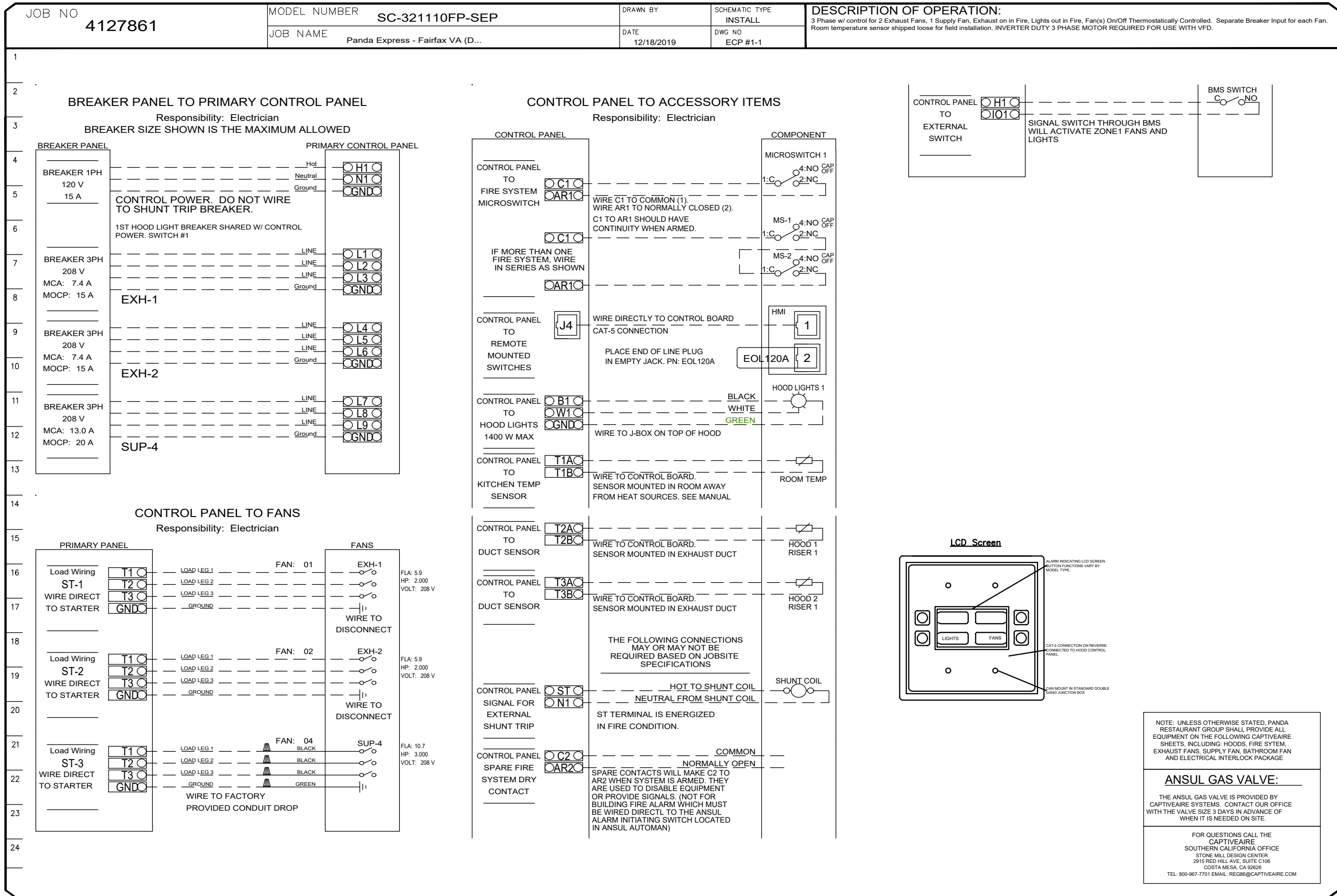
E-401

ELECTRICAL DETAILS, DIAGRAMS



EQUIPMENT DISCONNECT SWITCH SUPPORT 2

NOT TO SCALE E-401



PANELBOARD										A	SCHEDULE																												
VOLTAGE: 208Y/120V BUS SIZE: 400 AMP										MAINS 400A MB TOTAL LOAD 0.0 KVA										MOUNTING RECESSED										REMARKS: PROVIDE GRD AND ISOLATED GRD BARS									
No.	SERVES	WIRE SIZE	LTG	RCPT	MTR	A/C	HTG	KITCH	BRKR TRIP	P	PH	B	C	BRKR TRIP	KITCH	HTG	A/C	MTR	RCPT	LTG	WIRE SIZE	SERVES	No.																
1						4.9			50	3				3	50		4.9				6	RTU -2	2																
3	RTU-1	6				4.9											4.9						4																
5						4.9											4.9						6																
7	SPARE																						8																
9	MICROWAVE (1)	12							20	1				1	20						12	FOOD PROCESSOR '53'	12																
11								1.4	15	2				1	20	0.6					12	SOUP WARMER (16)	10																
13	RICE HOLDING CABINET 24H' (1,4,6,8)	10						1.4						1	20	1.3					12	INDUCT DRY WELL '3F' & '3G' (1,4,6)	12																
15	21G MJ345 FRYER (1,6,8)	12						1.8	20	1				1	20	1.3					10	INDUCT DRY WELL '3F' & '3G' (1,4,6)	14																
17	HEAT WRAP '32-S7' (4,5)	12					0.5	1.0	20	1				1	20	1.3					10	INDUCT DRY WELL '3F' & '3G' (1,4,6)	16																
19	ICE MACHINE COND. '10J-S' (4)	12			1.2				20	1				1	20	1.3					10	INDUCT DRY WELL '3F' & '3G' (1,4,6)	18																
21	(BEVERAGE STATION)				1.2				20	2				1	20	1.3					10	INDUCT DRY WELL '3F' & '3G' (1,4,6)	20																
23	WALK-IN FREEZER COND. '32-S1' (1,7)	10			2.1				25	2				1	20	0.8					12	RADIANT TOP HEATER '1S2B1' (1)	22																
25					2.1									1	20	0.8					12	RADIANT TOP HEATER '1S2B1' (1)	26																
27	WALK-IN COOLER COND. '31-S' (1)	12			1.0				20	2				1	20	1.1					12	RADIANT TOP HEATER '1S2B2' (1)	28																
29					1.0									1	20							SPARE	30																
31	WALK-IN COOLER COIL '31M' (1)	12			0.3				20	1				1								SPARE	32																
33	SPARE								20	1				1								SPARE	34																
35	SPARE								20	1				1								SPARE	36																
37	SPARE																						38																
39	SPARE								1					3	200	16.3	0.0	0.0	8.1	8.3	5.4	PANEL 'B'	40																
41	SPARE								1							34.5	0.5	29.4	17.0	8.3	5.4	CONNECTED KVA 95.1 NEC KVA 102.7 AMPS 285.1	42																

PANELBOARD										B		SCHEDULE														
VOLTAGE:		208Y/120V		MAINS		225 MLO				MOUNTING		RECESSED		REMARKS:		PROVIDE GRD AND ISOLATED GRD BARS										
BUS SIZE:		225 AMP		TOTAL LOAD		0.0 KVA																				
No.	SERVES	WIRE SIZE	LTG	RCPT	LOAD (KVA)			BRKR	PH			BRKR	LOAD (KVA)			WIRE SIZE	SERVES	No.								
					MTR	A/C	HTG	KITCH	TRIP	P	A	B	C	P	TRIP	KITCH	HTG	A/C	MTR	RCPT	LTG					
1					0.7														0.7				2			
3	EF-1	12			0.7				15	3	●	●	●	3	15				0.7			12	EF-2	4		
5					0.7						●	●	●						0.7					6		
7					1.3						●	●	●	1	20							1.1	12	LIGHTING - DINING AREA	8	
9	MAU-1	12			1.3				15	3	●	●	●	1	20							1.1	12	SHOW WINDOW RECEPTACLES	10	
11					1.3						●	●	●	1	20							0.1	12	LIGHTING - RESTROOMS	12	
13								3.0			●	●	●	1	20							1.3	10	LTG. - FOOD PREP / EM / EF-3M (4)	14	
15	ELECTRIC GRILL '23B' (1,6,8)	8			3.0				40	3	●	●	●	1	20										16	
17								3.0			●	●	●	1	20										18	
19	SHUNT TRIP CONTACTOR (8)	12						0.1	20	1	●	●	●	1	20										20	
21	REFRIG PREP TABLE '34A' (1)	12						1.4	20	1	●	●	●	1	20					1.0			12	GENERAL RECEPTACLES	22	
23	REFRIG PREP TABLE '34D' (1)	12						1.1	20	1	●	●	●	1	20					0.4			12	CO2 SENSOR (1)	24	
25	UNDERCTR FREEZER '30K' (1,4)	12						1.1	20	1	●	●	●	1	20					1.8			12	GAS WATER HEATER - 'P2' (6)	26	
27	BEV DISP '4AB' ICE MACH '10J' (1)	12						0.3	20	1	●	●	●	1	20							0.6	12	W-IN CLR DISP LTS/ MENUE BD/ LED	28	
29	SERVING COUNTER	12							20	1	●	●	●	1	20					0.4			12	COKE CARBONATOR	30	
31	ICE TEA BREWER '9D'	12							20	1	●	●	●	1	20	0.5							12	HOOD CONTROL PANEL 'M4'	32	
33	LOGO 'S2' (3) / I.D. SIGN 'S1' (3)	10	1.0						20	1	●	●	●	1	20						0.2			12	DUCT DETECTORS	34
35	FUTURE EQUIPMENT	12		0.2					20	1	●	●	●	1	20	0.9							12	BOOSTER '4B' (1)	36	
37	DINING TV'S	12		0.3					20	1	●	●	●	1	20	0.1							12	RICE WARMER 'S4A' (1,6)	38	
39	RTUS' CONVENIENCE RECEPS	12		0.6					20	1	●	●	●	1	20										40	
41	SPARE								20	1	●	●	●	1	20										42	
43	SPARE								20	1	●	●	●	1											44	
45	COMPUTER RECEPT '83A' (2)	12		0.5					20	1	●	●	●	1											46	
47	SERVICE POS '94' PTR '86A' (2,6)	12		1.1					20	1	●	●	●	1											48	
49	FAX '87', MGR '84C', COMP '49A'	12		1.0					20	1	●	●	●	1											50	
51	MUSIC, VCR, MONITOR	12		0.6					20	1	●	●	●	1											52	
53	SPARE									1	●	●	●	1											54	
																16.3	0.0	0.0	8.1	8.3	5.4	CONNECTED KVA		38.10		

<u>Service Entrance Load summary</u>					
Lighting	5.40 x	125%		=	6.25 KVA
Receptacles	8.30	+	0.00 x	50%	= 8.30 KVA
Motor	17.00	+	5.4 x	125%	= 23.75 KVA
Heating	0.50			=	0.50 KVA
AC	29.4			=	29.40 KVA
Kitchen	34.50		x	100%	= 34.50 KVA
					102.70 KVA
Main Service Entrance Ampere Requirements					285.07 Amps
Main Service Fuse size					OK

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REVISIONS:

1 PERMIT RESPONSE 1 06-01-2020

ISSUE DATE:

PEER REVIEW	01-27-2020
PR RESPONSE 1	02-21-2020
BUILDING PERMIT	03-11-2020

PANEL SCHEDULES	1
NOT TO SCALE	E-601

DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446
ARCH PROJECT #: JCDD19-0314

NORR
ARCHITECTS ENGINEERS PLANNERS

PANDA EXPRESS
GREENBRIAR TOWN CENTER,
13059 LEE JACKSON MEMORIAL HWY
FAIRFAX, VA 22033

E-601

PANELS, SINGLE LINE, LOAD CALC'S

1. UNLESS NOTED, ALL DEVICES AND TERMINATIONS 100 AMPS AND LESS TO BE RATED FOR 60°C WIRE, OVER 100 AMPS, 75°C WIRE.
2. CONTRACTOR TO SUBMIT SERVICE ENTRANCE GEAR SHOP DRAWINGS TO SERVING UTILITY COMPANY FOR APPROVAL.
3. ALL WIRE #8 AND SMALLER TO BE THWN/THHN CU.; #6 AND LARGER TO BE XHHW CU.
4. THE DESIGN PROFESSIONAL HAS PERFORMED ALL REQUIRED LOAD CALCULATIONS AND VERIFIES THAT ALL UPSTREAM PANELS AND EQUIPMENT ARE NOT OVERLOADED.

SINGLE LINE DIAGRAM GENERAL NOTES		3
	NOT TO SCALE	E-601

1. ENTIRE INSTALLATION TO COMPLY WITH N.E.C. 110.22 AND 240.86(B).
2. NO DESIGN CHANGES MAY BE MADE TO THE SYSTEM WITHOUT THE PRIOR APPROVAL OF THE DESIGN ELECTRICAL ENGINEER AND THE ELECTRICAL INSPECTOR.
3. A TWO TIER 35000/10000 AIC SERIES RATING SYSTEM IS SPECIFIED BETWEEN PANEL 'A' AND THE PANEL BRANCH CIRCUIT BREAKERS, NO SUBSTITUTIONS - UNLESS A FULLY RATED SYSTEM IS PROVIDED.
4. MOTOR CONTRIBUTION TO THE FAULT CURRENT IS LESS THAN 1% OF THE INTERRUPTING RATING OF THE DOWNSTREAM CIRCUIT BREAKER(S).
5. THE ELECTRICAL CONTRACTOR SHALL PROVIDE LABELS AT ALL COMPONENTS OF THE SYSTEMS PROTECTED SYSTEM. AT PANEL 'A' STATING "CAUTION -60/10 SERIES COMBINATION SYSTEM RATED 19,512 AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED", AT PANEL 'B' STATING "CAUTION -60/10 SERIES COMBINATION SYSTEM RATED 18,799 AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED".
6. EQUIPMENT SUPPLIER TO PROVIDE CUT SHEETS OF ALL SERIES RATED COMPONENTS (I.E. FUSES, CIRCUIT BREAKERS) HI-LIGHTING EACH ITEM AND THE SPECIFIC LISTING/TESTING OF EACH ITEM'S SERIES RATING WITH THE OTHER.
7. POST THIS INFORMATION ON THE JOB-SITE WITH PERMIT FOR CITY ELECTRICAL INSPECTOR'S REVIEW/APPROVAL.

SERIES RATING NOTES	4
NOT TO SCALE	E-601

ELECTRICAL SERVICE ENTRANCE COORDINATION				
NEW SERVICE REQUIRED: 600A, 120/208V, 3 PHASE, 4 WIRE			UTILITY COMPANY: XXXX	
SERVICE TO BUILDING ROUTED: TBD			NAME OF CONTACT: XXXXXXXXXXXXXXXX	
AVAILABLE FAULT CURRENT: TBD			PHONE: (XXX) - XXX - XXXX	
METERING LOCATION: EXTERIOR BUILDING			EMAIL: XXXXXXXXXXXX@XXXXXX.com	
ITEMS	CONTRACTOR		UTILITY COMPANY	
	FURNISHED BY	INSTALLED BY	FURNISHED BY	INSTALLED BY
PRIMARY CONDUCTORS (EXISTING)				
PRIMARY TERMINATIONS (EXISTING)				
PRIMARY CONDUIT(S) (EXISTING)				
PRIMARY TRENCH/BACKFILL (EXISTING)				
TRANSFORMER (EXISTING)				
SECONDARY CONDUCTORS FROM XFMR TO UTILITY METER (EXISTING)				
SECONDARY TERMINATIONS @ TRANSFORMER (EXISTING)				
SECONDARY TERMINATIONS @ SERVICE ENTRANCE (EXISTING)				
SECONDARY CONDUIT (CONTRACTOR TO MODIFY AS REQUIRED)	X	X		
SECONDARY CONDUCTORS (EXISTING/CONTRACTOR)	X	X		
METERING CT'S - SELF CONTAINED METER (EXISTING)				
METER HOUSING- (EXISTING)				
CONTRACTOR NOTE:				
1. CONTRACTOR TO FIELD VERIFY AND COORDINATE THEIR RESPONSIBILITIES FOR ELECTRICAL SERVICE ENTRANCE WITH ELECTRICAL SERVICE PROVIDER; AND PROVIDE BID WITH ALL ASSOCIATED COSTS WITH NO ADDITIONAL COST TO OWNER.				

