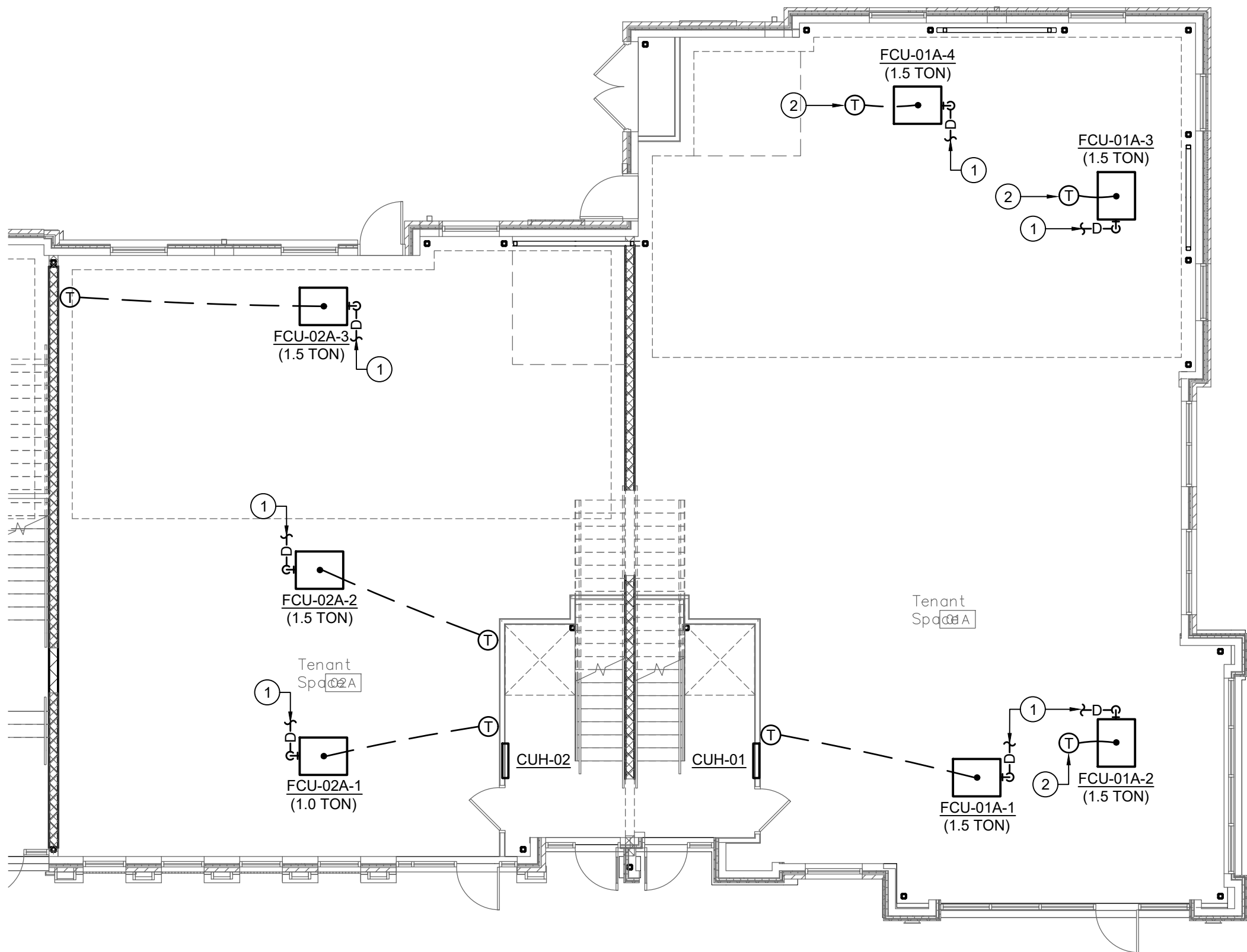


2 SECOND FLOOR PLAN - MECHANICAL  
1/8"=1'-0"

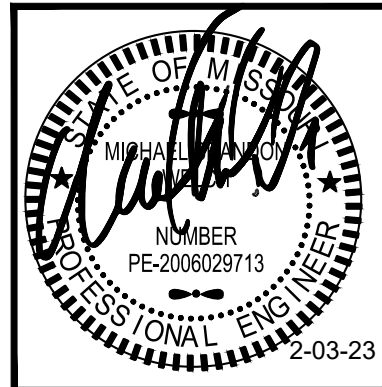


1 FIRST FLOOR PLAN - MECHANICAL  
1/8"=1'-0"

**DISCLAIMER:**  
THIS DRAWING IS THE PROPERTY OF HENRY MILLER MECHANICAL. IT MUST NOT BE REPRODUCED IN ANY MANNER, NOT SHALL IT BE SUBMITTED TO OUTSIDE PARTIES FOR ANY REASON WITHOUT WRITTEN CONSENT OF HENRY MILLER MECHANICAL. IT SHALL BE USED ONLY AS A MEANS OF REFERENCE OF WORK DESIGNED, FURNISHED AND INSTALLED BY HENRY MILLER MECHANICAL.



**HENRY MILLER  
MECHANICAL**



ELECTRIC UNIT HEATER SCHEDULE					
UNIT CALLOUT	UNIT INFORMATION				NOTES
	MFG	MODEL NO.	CAP (KW)	VOLT/ PHASE	
CUH-01	TRANE	UHW4	5.0	208/1	1
CUH-02	TRANE	UHW4	5.0	208/1	1

NOTES:  
1. PROVIDE WITH MOUNTING KIT AND REMOTE TEMPERATURE SENSOR.

AIR COOLED CONDENSING UNIT SCHEDULE										
UNIT CALLOUT	SYSTEM	SEER	UNIT INFORMATION			CONDENSING INFORMATION				NOTES
			MFG	MODEL NO.	VOLT/ PHASE	# OF COMP	TONS	THC (MBH)	AMB TEMP (°F)	
ACCU-01A-1,2	FCU-01A-1,2	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01A-3,4	FCU-01A-3,4	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01B-1,2	FCU-01A-1,2	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01B-3,4	FCU-01A-3,4	14	LENNOX	MPC024S4M-1P MS HP	208/1	1	2	24	100	1
ACCU-01B-5,6	FCU-01A-3,4	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-02A-1	FCU-02A-1	14	LENNOX	MPC012S4S-1P MS HP	208/1	1	1	12	100	1
ACCU-02A-2,3	FCU-02A-2,3	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-02B-1	FCU-02B-1	14	LENNOX	MPC012S4S-1P MS HP	208/1	1	1	12	100	1
ACCU-02B-2,3	FCU-02B-2,3	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1

NOTES:  
1. SUPPLY WITH LOW AMBIENT KIT FOR OPERATION DOWN TO 0°F.

UNIT CALLOUT	UNIT INFORMATION						HEAT PUMP INFORMATION			DX COIL INFORMATION				NOTES
	MFG	MODEL NO.	FLOW (CFM)	VOLT/ PHASE	MCA (AMPS)	MOCP (AMPS)	EAT (°F)	LAT (°F)	CAP (BTUH)	EAT (°F)	LAT (°F)	SHC (MBH)	THC (MBH)	
FCU-01A-1	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01A-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01A-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01A-4	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01B-1	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01B-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01B-3	LENNOX	MMDB009S4	343	208/1	--	--	72	99.0	10002	80	59.5	7.6	9	
FCU-01B-4	LENNOX	MMDB009S4	343	208/1	--	--	72	99.0	10002	80	59.5	7.6	9	
FCU-01B-5	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-01B-6	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-02A-1	LENNOX	MMDB012S4	343	208/1	--	--	70	97.0	10002	80	56.9	8.6	10.8	
FCU-02A-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-02A-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-02B-1	LENNOX	MMDB012S4	343	208/1	--	--	70	97.0	10002	80	56.9	8.6	10.8	
FCU-02B-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	
FCU-02B-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	

NOTES:

**GENERAL NOTES:**

- PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW GENERAL NOTES, SPECIFICATIONS AND OTHER DISCIPLINE'S DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, TENANT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- REFER TO ARCHITECTURAL DRAWINGS FOR RELATED CONSTRUCTION DETAILS AS APPLICABLE TO THE PLUMBING SYSTEMS. VERIFY CHASE AND PENETRATION LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS THAT ARE INTENDED FOR PIPING MEET REQUIREMENTS.
- INSTALL PIPING PARALLEL TO BUILDING LINES, UNLESS NOTED OTHERWISE.
- COORDINATE LOCATION OF EQUIPMENT AND SUPPORTS WITH LOCATION OF ACCESS PANELS/DOORS TO ENABLE SERVICE OF EQUIPMENT. IF NO ACCESS PANEL IS SHOWN, PROVIDE ACCESS PANEL IN SIZE REQUIRED FOR MAINTENANCE OF EQUIPMENT. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- SEAL PENETRATIONS THROUGH BUILDING COMPONENTS IN ACCORDANCE WITH LOCAL CODES. FIREPROOF PENETRATIONS THROUGH FIRE RATED COMPONENTS IN ACCORDANCE WITH U.L. REQUIREMENTS.

**PLAN NOTES:**

- 3/4" HVAC CONDENSATE DRAIN. ROUTE TONEAREST FLOOR DRAIN/SINK AND TERMINATE.
- HANG THERMOSTAT LOOSE WITH 50" OF ROLLED UP THERMOSTAT WIRE.

**GENERAL**

- 1 MECHANICAL NOTE REFERENCE
- 2 DEMOLITION NOTE REFERENCE
- 3 REVISION NOTE REFERENCE
- CONNECT TO EXISTING WORK

**HVAC**

- D HVAC CONDENSATE DRAIN
- RS REFRIGERANT SUCTION
- RD REFRIGERANT DISCHARGE
- RL REFRIGERANT LIQUID
- 1 THERMOSTAT
- 1s TEMPERATURE SENSOR
- 2s DUCT MOUNTED SMOKE DETECTOR
- 3s SUPPLY DIFFUSER
- 4s RETURN GRILLE/EXHAUST REGISTER
- 5s RETURN AND EXHAUST AIR FLOW INDICATOR
- 6s DUCT MOUNTED MANUAL BALANCING DAMPER
- 7s DUCT MOUNTED FIRE/SMOKE, FIRE, AND SMOKE DAMPER

3 MECHANICAL SYMBOLS



JOB NO.: 2310200  
DATE: 02/03/2023  
REVISIONS:  
  
DESIGNED BY: MBW  
DRAWN BY: ELS  
CHECKED BY: MBW  
SHEET NO.

M101



## ELECTRICAL SPECIFICATIONS

### A. CONDITIONS

### A. CONDITIONS

1. PROVIDE FIRE STOP ON ALL PIPING THAT PENETRATES RATED WALLS. METHOD OF FIRE STOP SHALL MEET WALL RATING. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE RATED WALLS. THIS CONTRACTOR SHALL PROVIDE FIRE RATED ENCLOSURES AROUND ALL ROUGH-IN BOXES, PANELS, ETC. THAT ARE LOCATED IN FIRE RATED WALLS AND SHALL FIRE CAULK ALL OPENINGS IN RATED ASSEMBLIES.

### C. CODES, REGULATIONS, AND STANDARDS

2. THE INSTALLATION SHALL COMPLY WITH APPLICABLE LOCAL AND STATE CODES AND ORDINANCES, WITH THE REGULATIONS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND WITH THE REQUIREMENTS OF THE POWER, TELEPHONE, AND CATHY COMPANIES FURNISHING SERVICES TO THIS INSTALLATION.
3. THE LATEST EDITIONS OF THE FOLLOWING INDUSTRY STANDARDS, SPECIFICATIONS, AND CODES ARE MINIMUM REQUIREMENTS:
  - A. THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION STANDARDS.
  - B. THE NATIONAL ELECTRICAL CODE, INCLUDING LOCAL AMENDMENTS.
  - C. UNDERWRITER LABORATORIES' INCORPORATED STANDARDS.
  - D. AMERICAN NATIONAL STANDARDS INSTITUTE.
  - E. INTERNATIONAL BUILDING CODE.

## H. DRAWINGS

1. THE DRAWINGS INDICATE THE GENERAL ARRANGEMENT AND LOCATIONS OF THE ELECTRICAL WORK DATA PRESENTED ON THESE DRAWINGS ARE AS ACCURATE AS PLANNING CAN DETERMINE, BUT FIELD MEASUREMENTS OF THE DIMENSIONS, LOCATIONS, LEVELS, ETC., OF THE FIELD INSTALLATION IS REQUIRED. REVIEW ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND ADJUST ALL WORK TO MEET THE REQUIREMENTS OF CONDITIONS SHOWN. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DISCREPANCIES BETWEEN DIFFERENT PLANS, OR BETWEEN DRAWINGS AND SPECIFICATIONS, OR REGULATIONS AND CODES GOVERNING THE INSTALLATION SHALL BE REFERRED TO THE ARCHITECT FOR RESOLUTION. WHEN DISCREPANCIES ARE NOT REPORTED, THE CONTRACTOR SHALL BID THE GREATER QUANTITY OR BETTER QUALITY, AND APPROPRIATE ADJUSTMENTS WILL BE MADE AFTER CONTRACT AWARD. CONTRACTOR SHALL BE RESPONSIBLE TO FIELD MEASURE AND CONFIRM MOUNTING HEIGHTS AND LOCATION OF ELECTRICAL EQUIPMENT. FOR EQUIPMENT, RACEWAYS, ETC., THAT DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS, USE ACTUAL BUILDING DIMENSIONS.

## I. COOPERATION WITH OTHER CONTRACTORS

1. COORDINATE HVAC AND PLUMBING EQUIPMENT CONNECTION REQUIREMENTS WITH HVAC AND PLUMBING CONTRACTORS.

## PART II – PRODUCTS AND EXECUTION

## A. MATERIALS

1. ALL MATERIALS SHALL BE NEW AND OF QUALITY AS SPECIFIED ON THE PLANS OR SPECIFICATIONS AND MUST CARRY THE UNDERWRITER'S LABORATORIES APPROVAL COVERING THE PURPOSE FOR WHICH THEY ARE USED, IN ADDITION TO MEETING ALL REQUIREMENTS OF THE CURRENT APPLICABLE CODES AND REGULATIONS.

D. WIRE

1. CONDUCTOR SIZES SHOWN ON THE DRAWINGS ARE BASED ON COPPER WIRE. UNLESS OTHERWISE SPECIFIED, ALL WIRE SHALL BE TYPE XHHW OR SE FOR FEEDERS OR BRANCH CIRCUITS LARGER THAN 4 AWG, TYPE THHN/THWN INSULATION FOR FEEDERS AND BRANCH CIRCUITS 4 AWG AND SMALLER. ALL BRANCH CIRCUIT WIRING SHALL BE COPPER.
2. MC CABLE WITH COPPER CONDUCTORS AND GROUND WIRE MAY BE USED WHERE PERMITTED.

### E. CONDUIT

1. ALL WIRING SHALL BE INSTALLED IN LISTED METALLIC CONDUIT EXCEPT AS PERMITTED IN OTHER SECTIONS. RGS, WITH A 20 MIL PVC COATING WILL BE USED WHEN IN CONTACT WITH EARTH. IMC MAY BE USED IN INDOOR LOCATIONS NOT IN CONTACT WITH THE EARTH. EMT MAY BE USED IN INDOOR LOCATIONS NOT IN CONTACT WITH EARTH, NOT IN CONCRETE SLABS OR WALLS AND NOT SUBJECT TO DAMAGING MECHANISMS. EMT SHALL BE USED IN OR BELOW CONCRETE AND DIRECT BURIED IN EARTH. FLEXIBLE STEEL CONDUIT SHALL BE USED FOR INDOOR FINAL CONNECTIONS TO EQUIPMENT IN LENGTHS NOT TO EXCEED 72". LIQUID-TIGHT FLEXIBLE STEEL CONDUIT SHALL BE FOR OUTDOOR FINAL CONNECTIONS TO EQUIPMENT NOT TO EXCEED 48".
2. FITTINGS AND CONDUIT BODIES SHALL BE STEEL. DIECAST FITTINGS ARE NOT ACCEPTABLE.
3. CONDUIT SIZES SHALL BE AS REQUIRED BY CODE AND AS INDICATED OR SPECIFIED.
4. ALL EMPTY CONDUIT SYSTEMS SHALL HAVE A 200 LB. TEST NYLON PULL STRING TO FACILITATE INSTALLATION OF FUTURE WIRE.
5. WIRING, CONDUITS, AND OUTLETS SHALL BE CONCEALED WITH THE BUILDING STRUCTURE, EXCEPT THAT CERTAIN MOTOR AND LIGHTING FEEDER CONDUITS MAY BE RUN EXPOSED IN CERTAIN AREAS AS INDICATED ON THE DRAWINGS.
6. CONDUIT PENETRATION THROUGH ROOF SHALL HAVE ROOF FLASHING WITH CAULK TYPE COUNTER FLASHING SLEEVE. INSTALLATION SHALL BE WATER TIGHT.
7. CONDUITS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO THE STRUCTURE.

## 0. GUARANTEE

1. GUARANTEE ALL MATERIAL FURNISHED AND ALL WORKMANSHIP PERFORMED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF WORK. ANY DEFECTS DEVELOPING WITHIN THIS PERIOD, TRACEABLE TO MATERIAL FURNISHED AS A PART OF THIS SECTION OR WORKMANSHIP PERFORMED HEREUNDER, SHALL BE MADE GOOD AT NO EXPENSE TO THE OWNER.



## SYMBOLS LEGEND

NOTE: THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS, ETC,  
ARE NECESSARILY USED ON THE DRAWINGS.

### POWER DISTRIBUTION

120/208V, 3 PHASE, 4 WIRE PANELBOARD, UNO

## POWER DEVICES

-  DUPLEX RECEPTACLE WITH WEATHERPROOF COVERPLATE  
 DISCONNECT SWITCH - SIZE AND TYPE NOTED

## AUXILIARY SYSTEMS

MECHANICAL EQUIP. CONNECTION, SEE SCHED. ON MECH. PLAN

## GENERAL

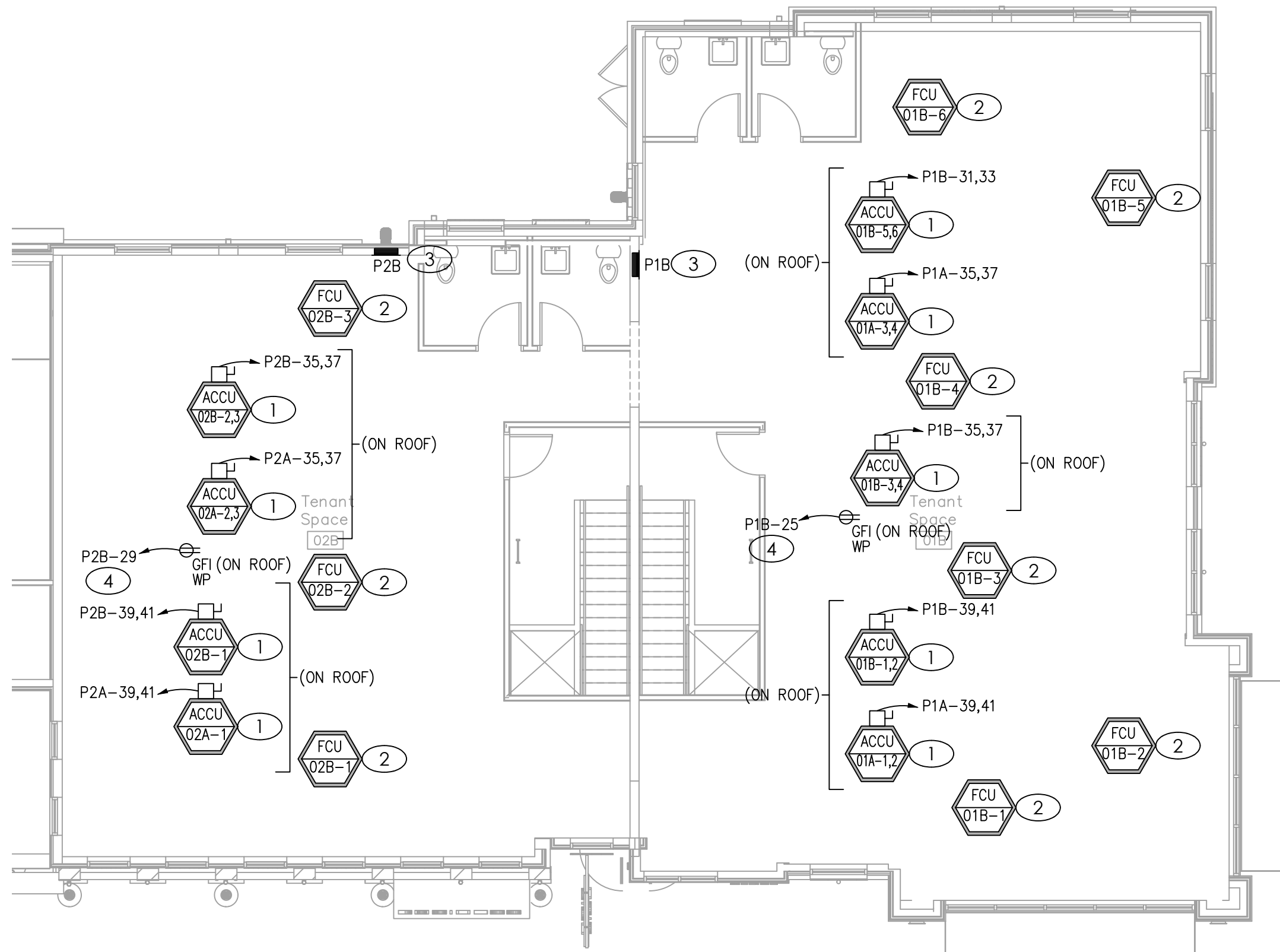
- CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING  
 - - - CONDUIT RUN BELOW FLOOR OR GRADE

357 HOMERUN

FOR TERMINATION. REFER TO ASSOCIATED NOTE FOR BRANCH CIRCUIT CONDUCTOR SIZES.

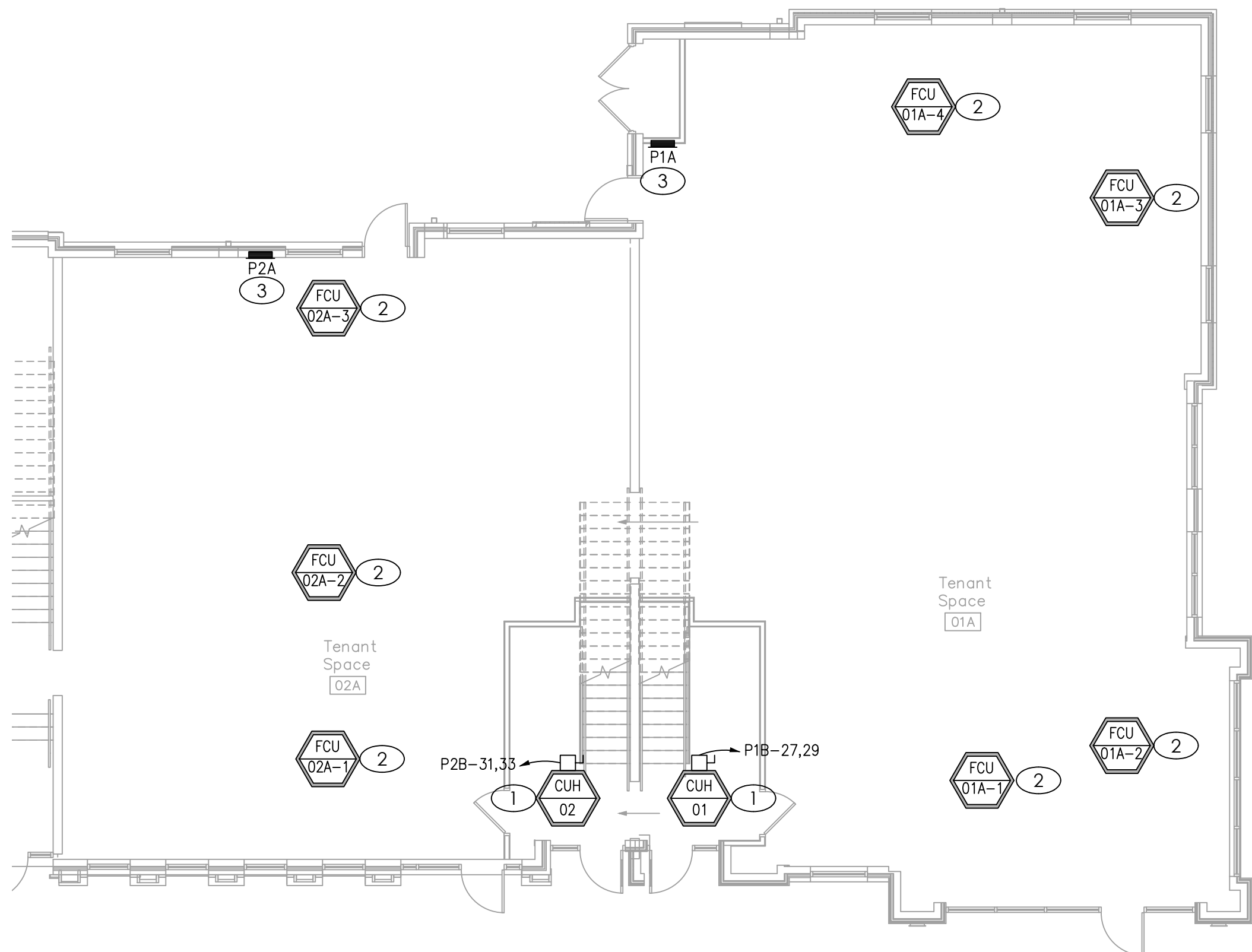
5 INDICATES 1/2" CONDUIT CONCEALED IN CEILING OR WALL WITH (3) CONDUCTORS. (1) PHASE, (1) NEUTRAL AND (1) GROUND WIRE. ALL ARE #12 AWG UNLESS NOTED OTHERWISE.

) OR ETR: DENOTES EXISTING ITEM/EQUIPMENT TO REMAIN



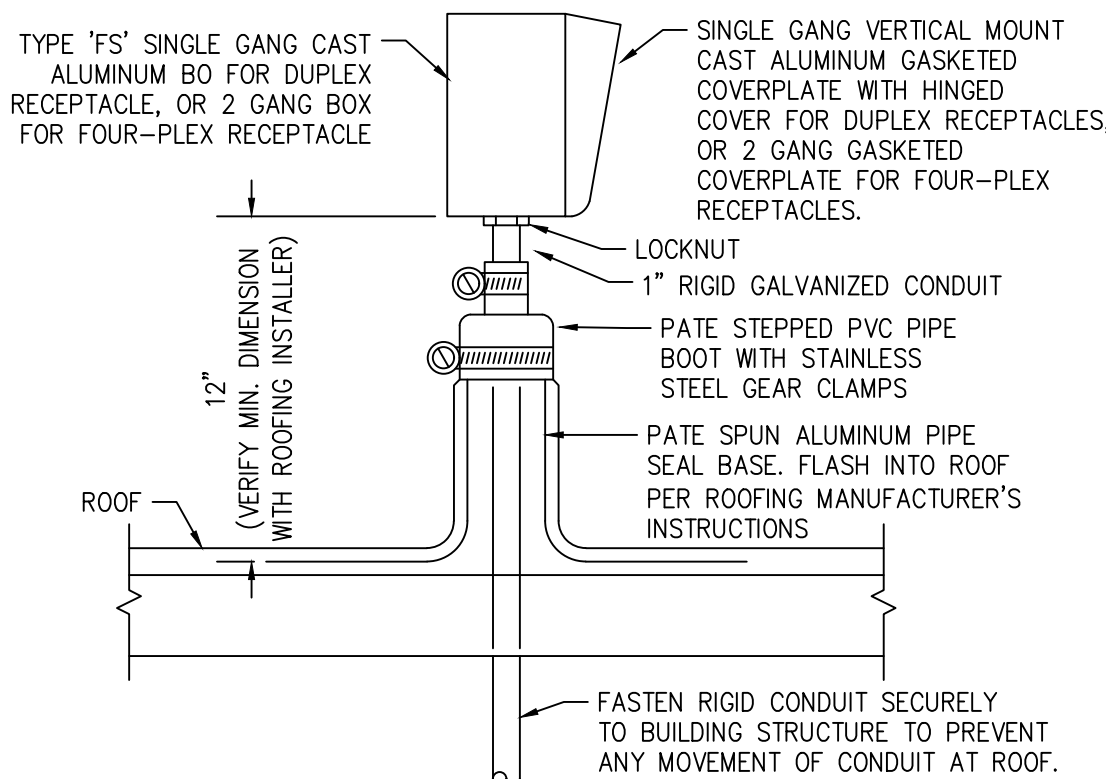
## POWER PLAN - 2ND FLOOR

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



## POWER PLAN - 1ST FLOOR

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



## ROOF RECEPTACLE MOUNTING DETAIL

SCALE : NO SCALE



E

D

C

B

A

PANELBOARD: P2B (EXISTING)										FED FROM: MDP		LINE-SIDE LUGS: MECHANICAL			
BUS AMPS: 225A										AIC RATING: FCA +10% MINIMUM FULLY RATED		EQUIPMENT GROUND BUS			
MAIN SIZE/TYPE: 200AMCB										SERVES: P2B					
VOLTS/PHASE: 208Y/120V, 3PH, 4W										MOUNTING: RECESSED					
SECTION: 1										LOCATION: BACK OF HOUSE					
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	
		A	B	C						A	B	C			
1	LTG - TENANT SPACE P3A	500			12	20	1	1	20	12	180		RCPT - BY PANEL	2	
3	SPARE				20	1	1	1	20	12		1,200	PWR - SIGNAGE 1	4	
5	SPARE				20	1	1	1	20	12			1,200	PWR - SIGNAGE 2	6
7	SPARE				20	1	1	1	20	12	1,200		PWR - SIGNAGE 3	8	
9	SPARE				20	1	1	1	20	12		1,200	PWR - HEAT TRACE	10	
11	SPARE				20	1	1	1	20				SPARE	12	
13	SPARE				20	1	1	1	20				SPARE	14	
15	SPARE				20	1	1	1	20				SPARE	16	
17	SPARE				20	1	1	1	20				SPARE	18	
19	SPARE				20	1	1	1	20				SPARE	20	
21	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	22	
23	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	24	
25	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	26	
27	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	28	
29	RCPT - ROOFTOP MAINTENANCE			180	12	20	1	1					PROVISIONAL SPACE	30	
31	PWR - CUH-2 (HACR)	2,500			10	30	2	1					PROVISIONAL SPACE	32	
33			2,500					1					PROVISIONAL SPACE	34	
35	PWR - ACCU-02B-2.3 (HACR)			3,640	6	50	2	1					PROVISIONAL SPACE	36	
37		3,640						1					PROVISIONAL SPACE	38	
39	PWR - ACCU-02B-1 (HACR)		1,352		12	15	2	1					PROVISIONAL SPACE	40	
41				1,352				1					PROVISIONAL SPACE	42	
SUBTOTAL		6,640	3,852	5,172						1,380	2,400	1,200	SUBTOTAL		
TOTAL PHASE A - VA		8,020	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF			
AMPS		67	COOLING		9,984		0	REFRIG				1.00			
TOTAL PHASE B - VA		6,252	HEATING		14,984		1.00	SIGN/DISP		3,600		1.25			
AMPS		52	LIGHTING		500		1.25	KITCHEN				1.00			
TOTAL PHASE C - VA		6,372	RECEPTACLES		360		1.0/5	EXISTING				1.00			
AMPS		53	MOTORS		1.00		1.00	LRG MOTOR				1.25	TOTAL DEMAND		
TOTAL PN.LBD - VA		20,644	SUPP HEAT		1.00		1.00	SHOW/WNDW				1.25	21,669 VA		
AMPS		57	MISC EQUIP		1,200		1.00	LTG TRACK				1.00	60 A		
PANELBOARD NOTES															
DESCRIPTION IN ITALICS = EXISTING LABELED LOAD TO REMAIN															
SIGN/DISPLAY - SIGNAGE & DISPLAY CASE															

PANELBOARD: P2A (EXISTING)										FED FROM: MDP					LINE-SIDE LUGS: MECHANICAL				
BUS AMPS: 225A										AIC RATING: FCA +10% MINIMUM FULLY RATED					EQUIPMENT GROUND BUS				
MAIN SIZE/TYPE: 200AMCB										SERVES: P2A									
VOLTS/PHASE: 208Y/120V, 3PH, 4W										MOUNTING: RECESSED									
SECTION: 1										LOCATION: BACK OF HOUSE									
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.					
		A	B	C						A	B	C							
1	LTG - TENANT SPACE P2A	500			12	20	1	1	20	12	180		RCPT - BY PANEL	2					
3	SPARE				20	1	1	1	20	12		1,200	PWR - SIGNAGE 1	4					
5	SPARE				20	1	1	1	20	12			1,200	PWR - SIGNAGE 2	6				
7	SPARE				20	1	1	1	20	12	1,200		PWR - SIGNAGE 3	8					
9	SPARE				20	1	1	1	20	12		1,200	PWR - HEAT TRACE	10					
11	SPARE				20	1	1	1	20				SPARE	12					
13	SPARE				20	1	1	1	20				SPARE	14					
15	SPARE				20	1	1	1	20				SPARE	16					
17	SPARE				20	1	1	1	20				SPARE	18					
19	SPARE				20	1	1	1	20				SPARE	20					
21	SPARE							1					PROVISIONAL SPACE	22					
23	PROVISIONAL SPACE							1					PROVISIONAL SPACE	24					
25	PROVISIONAL SPACE							1					PROVISIONAL SPACE	26					
27	PROVISIONAL SPACE							1					PROVISIONAL SPACE	28					
29	PROVISIONAL SPACE							1					PROVISIONAL SPACE	30					
31	PROVISIONAL SPACE							1					PROVISIONAL SPACE	32					
33	PROVISIONAL SPACE							1					PROVISIONAL SPACE	34					
35	PWR - ACCU-02A-2.3 (HACR)			3,640	6	50	2	1					PROVISIONAL SPACE	36					
37		3,640											PROVISIONAL SPACE	38					
39	PWR - ACCU-02A-1 (HACR)		1,352		12	15	2	1					PROVISIONAL SPACE	40					
41				1,352				1					PROVISIONAL SPACE	42					
SUBTOTAL		4,140	1,352	4,992						1,380	2,400	1,200	SUBTOTAL						
TOTAL PHASE A - VA		5,520	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF							
AMPS		46	COOLING		9,984		1.00	REFRIG				1.00							
TOTAL PHASE B - VA		3,752	HEATING		9,984		0	SIGN/DISP		3,600		1.25							
AMPS		31	LIGHTING		500		1.25	KITCHEN				1.00							
TOTAL PHASE C - VA		6,192	RECEPTACLES		180		1.0/5	EXISTING				1.00							
AMPS		52	MOTORS		1.00		1.00	LRG MOTOR				1.25	TOTAL DEMAND						
TOTAL PN.LBD - VA		15,464	SUPP HEAT		1.00		1.00	SHOW/WNDW				1.25	16,489 VA						
AMPS		43	MISC EQUIP		1,200		1.00	LTG TRACK				1.00	46 A						
PANELBOARD NOTES																			
DESCRIPTION IN ITALICS = EXISTING LABELED LOAD TO REMAIN																			
SIGN/DISPLAY - SIGNAGE & DISPLAY CASE																			

PANELBOARD: P1B (EXISTING)										FED FROM: MDP		LINE-SIDE LUGS: MECHANICAL			
BUS AMPS: 225A										AIC RATING: FCA +10% MINIMUM FULLY RATED		EQUIPMENT GROUND BUS			
MAIN SIZE/TYPE: 200A MCB										SERVES: P1B					
VOLTS/PHASE: 208Y/120V, 3PH, 4W										MOUNTING: RECESSED					
SECTION: 1										LOCATION: BACK OF HOUSE					
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	
		A	B	C						A	B	C			
1	LTG - TENANT SPACE P1B	500			12	20	1	1	20	12	180		RCPT - BY PANEL	2	
3	SPARE				20	1	1	1	20	12		1,200	PWR - SIGNAGE 1	4	
5	SPARE				20	1	1	1	20	12			PWR - SIGNAGE 2	6	
7	SPARE				20	1	1	1	20	12	1,200		PWR - HEAT TRACE	8	
9	SPARE				20	1	1	1	20				SPARE	10	
11	SPARE				20	1	1	1	20				SPARE	12	
13	SPARE				20	1	1	1	20				SPARE	14	
15	SPARE				20	1	1	1	20				SPARE	16	
17	SPARE				20	1	1	1	20				SPARE	18	
19	SPARE				20	1	1	1	20				SPARE	20	
21	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	22	
23	PROVISIONAL SPACE						1	1					PROVISIONAL SPACE	24	
25	RCPT - ROOFTOP MAINTENANCE	180			12	20	1	1					PROVISIONAL SPACE	26	
27	PWR - CUH-1 (HACR)		2,500		10	30	2	1					PROVISIONAL SPACE	28	
29				2,500					1				PROVISIONAL SPACE	30	
31	PWR - ACCU-01B-5.6 (HACR)	3,640			6	50	2	1					PROVISIONAL SPACE	32	
33			3,640										PROVISIONAL SPACE	34	
35	PWR - ACCU-01B-3.4 (HACR)			2,548	10	30	2	1					PROVISIONAL SPACE	36	
37		2,548							1				PROVISIONAL SPACE	38	
39	PWR - ACCU-01B-1.2 (HACR)		3,640		6	50	2	1					PROVISIONAL SPACE	40	
41				3,640					1				PROVISIONAL SPACE	42	
SUBTOTAL		6,868	9,780	8,888							1,380	1,200	1,200	SUBTOTAL	
TOTAL PHASE A - VA		8,248	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF			
AMPS		69	COOLING		19,656		0	REFRIG					1.00		
TOTAL PHASE B - VA		10,980	HEATING		24,656		1.00	SIGN/DISP		2,400		1.25			
AMPS		92	LIGHTING		500		1.25	KITCHEN				1.00			
TOTAL PHASE C - VA		9,888	RECEPTACLES		360		1.0/5	EXISTING				1.00			
AMPS		82	MOTORS					LRG MOTOR				1.25			
TOTAL PNLBD - VA		29,116	SUPP HEAT					SHOW/WDW				1.25	29,841 VA		
AMPS		81	MISC EQUIP		1,200		1.00	LTG TRACK				1.00	83 A		
PANELBOARD NOTES															
DESCRIPTION IN ITALICS = EXISTING LABELED LOAD TO REMAIN															
SIGN/DISPLAY - SIGNAGE & DISPLAY CASE															