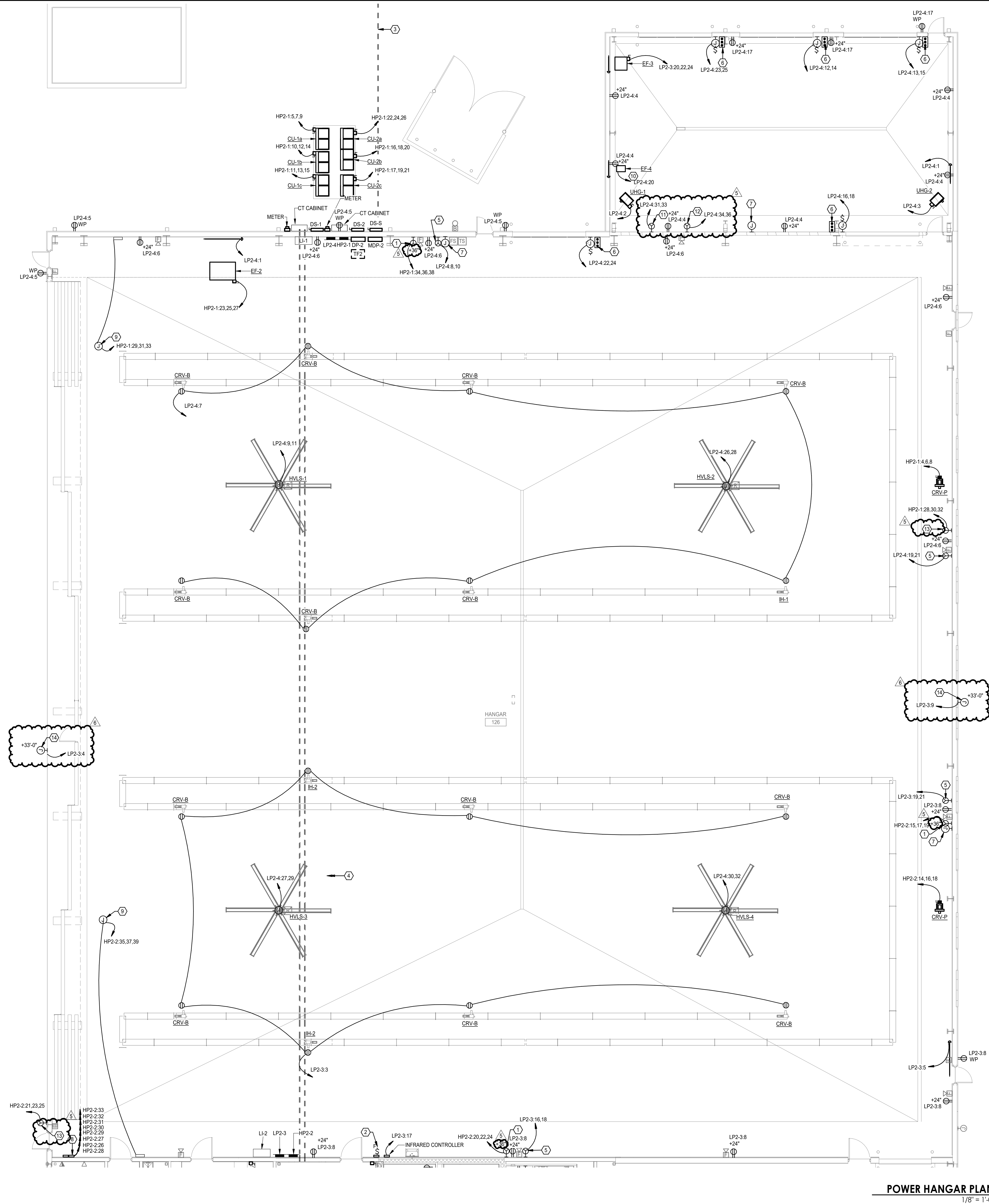




ELECTRICAL KEYNOTES

- 5 PROVIDE KILLAR RECEPTACLE VR104ES OR VR104MS FOR OWNER PROVIDED GROUND POWER UNIT. ROUTE TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3/4" AND 1/4" GROUND IN 1-1/4" CONDUIT)
- 6 ROUTE CIRCUIT FOR CEILING FANS THROUGHOUT CEILING AREA
- 7 SECONDARY FEEDER ROUTED BELOW GRADE FROM UTILITY TRANSFORMER. ROUTE TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 8 FEEDER ROUTED BELOW FROM SERVICE ENTRANCE. ROUTE TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 9 PROVIDE NEMA 3-RK RECEPTACLE FOR OWNER PROVIDED EQUIPMENT COORDINATE WITH MANUFACTURER'S REQUIREMENTS. PROVIDE (2/4" AND 1/4" GROUND IN 0.75" CONDUIT. MOUNT RECEPTACLE AT 24" A.F.F.
- 10 PROVIDE START/STOP PUSH BUTTON FOR COILING OVERHEAD DOOR PER MANUFACTURER REQUIREMENT.
- 11 PROVIDE BACK BOX AND 1-1/4" CONDUIT ROUGH-IN FOR OWNER PROVIDED EQUIPMENT. ROUTE EMPTY CONDUIT WITH PULL STRINGS TO NEAREST 288" PANEL BOARD.
- 12 PROVIDE CIRCUITS FOR SNOW MELT RELAY PANEL. ROUTE TO MANUFACTURER FOR ADDITIONAL INFORMATION.
- 13 PROVIDE (3/4" AND 1/4" GROUND IN 3/4" CONDUIT FOR HANGER DOWNS. PROVIDE ADDITIONAL 1/2" CONDUIT FROM EACH MOTOR LOCATION PER MANUFACTURER'S REQUIREMENT. ROUTE LOW VOLTAGE CABLING TO CONTROLLER.
- 14 PROVIDE 120V POWER (120V) PROGEN GAS DETECTOR FOR EXHAUST FAN CONTROL. ROUTE TO MECHANICAL PLANS AND MANUFACTURER DETAILS FOR ADDITIONAL INFORMATION.
- 15 PROVIDE KILLAR RECEPTACLE VR641ES OR VR640MS FOR OWNER PROVIDED TUG WELDER. ROUTE TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3/4" AND 1/4" GROUND IN 1" CONDUIT. MOUNT AT 36" A.F.F.
- 16 PROVIDE KILLAR RECEPTACLE VR104ES OR VR104MS FOR OWNER PROVIDED TUG WELDER. ROUTE TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3/4" AND 1/4" GROUND IN 1-1/4" CONDUIT. MOUNT AT 36" A.F.F.
- 17 PROVIDE KILLAR RECEPTACLE VR641ES OR VR640A FOR OWNER PROVIDED GROUND POWER UNIT. ROUTE TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3/4" AND 1/4" GROUND IN 1-1/4" CONDUIT. MOUNT AT 36" A.F.F.
- 18 PROVIDE POWER ROUGH-IN FOR SIGN LIGHTING.



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



1627 MAIN STREET, SUITE 100
KANSAS CITY, MO 64108

olsson

1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

6	11/8/24	PR-07
5	8/7/24	PR-06
MARK	DATE	DESCRIPTION

PROJECT NO:	022-04268
CAD DWG FILE:	Lee's Summit - Hangar 2.rvt
DESIGNED BY:	SH
DRAWN BY:	OH
CHECKED BY:	AF
APPROVED BY:	TWD
COPYRIGHT 2023	

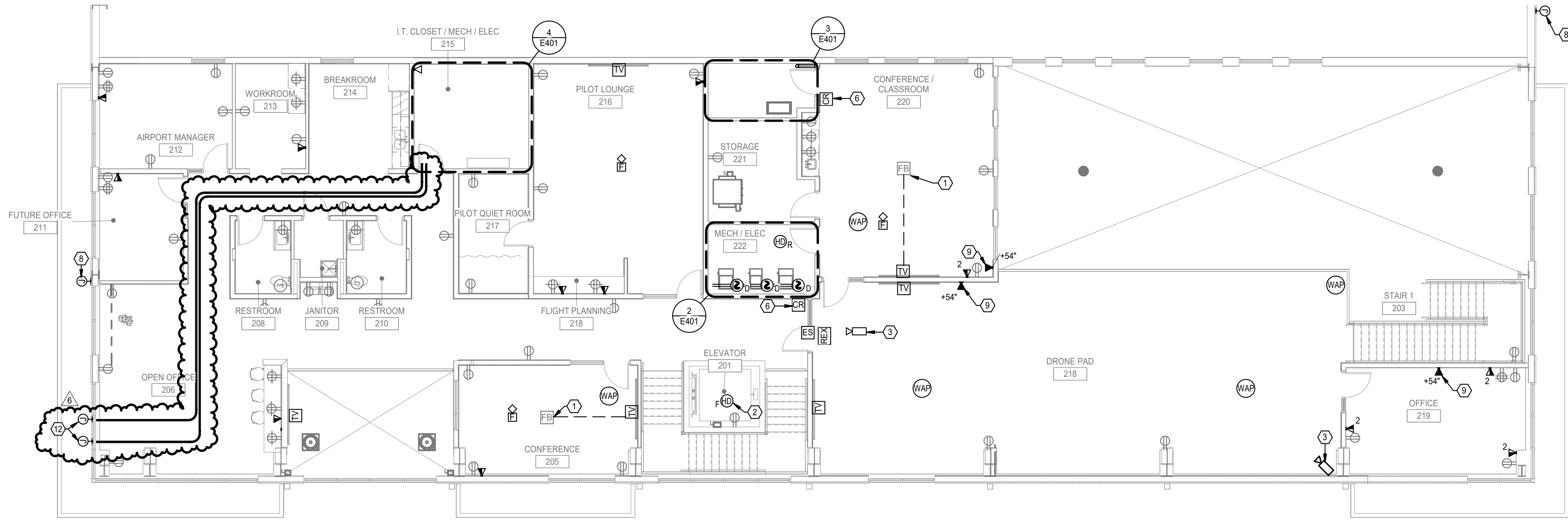
SHEET TITLE

POWER HANGAR
PLAN

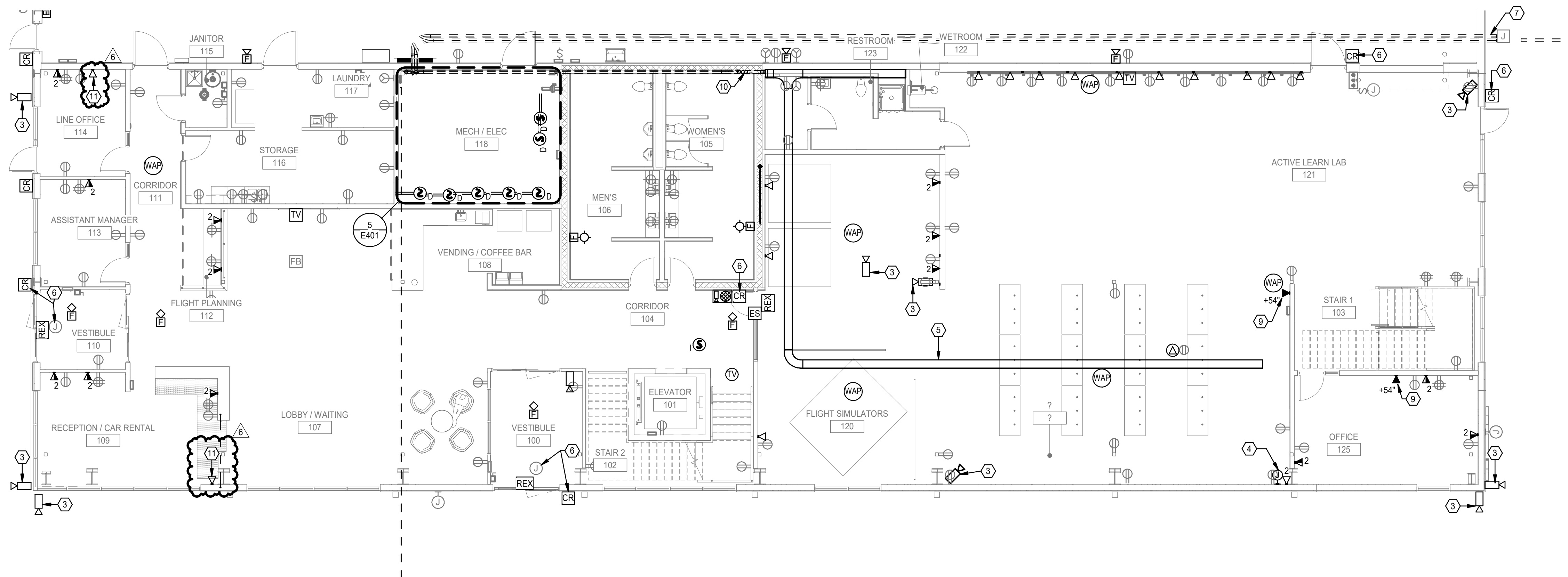
E202

SHEET OF

8/21/2024 10:31:05 AM



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



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

GENERAL SHEET NOTES

- WHERE TELEDATA OUTLET SYMBOL IS SHOWN PROVIDE BACK BOX AND CONDUIT ROUGH IN TO ABOVE ACCESSIBLE CEILING. REFER TO COMMUNICATION ROUGH-IN DETAIL FOR ADDITIONAL INFORMATION.
- COORDINATE ALL TELECOMM DATA DEVICE LOCATION AND MOUNTING HEIGHTS WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE TRACER WIRE WITH PULL STRINGS.

ELECTRICAL KEYNOTES

- PROVIDE 1-1/4" CONDUIT FROM FLOOR BOX/POKE-THRU TO TV OUTLET LOCATION FOR DATA AND AV CABLING.
- HEAT DETECTOR IN ELEVATOR SHAFT WITHIN 2FT OF SPRINKLER HEAD. REFER TO ELEVATOR INTERLOCK WITH FIRE ALARM DETAIL FOR ADDITIONAL INFORMATION. COORDINATE LOCATION WITH SPRINKLER PROVIDER.
- PROVIDE JUNCTION BOX AND 3/4" CONDUIT ROUGH IN FOR CAMERA. ROUTE CONDUIT BACK TO IT ROOM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER AND SECURITY PROVIDER. IN AREAS WITH NO ABOVE CEILING ROUTE CONDUIT HIGH AND TIGHT TO STRUCTURE ABOVE.
- PROVIDE BOX WITH 1-1/4" EMPTY CONDUIT WITH PULL STRINGS TO PROJECTOR OUTLET BOX.
- 2"X12" WIRE MESH CABLE TRAY ABOVE ACCESSIBLE CEILING.
- PROVIDE POWER ROUGH IN FOR CARD READER. REFER TO ACCESS CONTROL DETAIL FOR ADDITIONAL INFORMATION.
- (2)X4" EMPTY CONDUITS ROUTED BELOW GRADE FROM TELECOM JUNCTION BOX AND STUBBED UP IN ELECTRICAL ROOM. CAP CONDUITS WITH PULL STRINGS. COORDINATE EXACT LOCATION OF JUNCTION BOX WITH TELECOM SERVICE PROVIDER. PROVIDE TRACER WIRE WITH PULL STRINGS. ROUTE CONDUITS TO SERVICE PROVIDER DEMARC LOCATION. COORDINATE LOCATION WITH SERVICE PROVIDER.
- MOUNT SINGLE BOX AT 15'-0" A.F.G. WITH 1" CONDUIT WITH CAT 6A ROUTED WITHIN STRUCTURE FOR OWNER SUPPLIED EXTERIOR WIFI BOOSTER EQUAL TO CISCO CATALYST 8166 SERIES WITH BRACKET AND ARM. REFER TO MANUFACTURER FOR MOUNTING REQUIREMENTS. PROVIDE BLOCKING AS REQUIRED. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT.
- PROVIDE DOUBLE GANGE BACK BOX WITH 4" LUG SPACING MATCHING PHONE HARDWARE. REFER TO PHONE MANUFACTURER FOR EXACT MOUNTING REQUIREMENTS.
- ROUTE (2)X4" EMPTY CONDUIT TO ABOVE CEILING ON FIRST FLOOR BELOW AND PROVIDE FIRE RATED PENETRATION THRU FIRE WALL. CONDUIT TO
- ROUTE (1)X1" EMPTY CONDUIT WITH PULL STRINGS TO ROOF FOR COAX CABLING TO ANTENNA. PROVIDE COAX OUTLET WHERE SHOWN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER.
- MOUNT SINGLE BOX AT +25'-0" A.F.G. WITH 1" CONDUIT ROUTED TO LOCATIONS SHOWN ON FIRST FLOOR FOR OWNER RELOCATED ANTENNA. PROVIDE BLOCKING AS REQUIRED. COORDINATE EXACT LOCATION WITH OWNER. PROVIDE GROUNDING PER NEC.



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



1627 MAIN STREET, SUITE 100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

8/23/24 PR-07
MARK DATE DESCRIPTION

PROJECT NO: 022-04268
CAD DWG FILE: Lee's Summit - Hangar 2.rvt
DESIGNED BY: SH
DRAWN BY: OH
CHECKED BY: AF
APPROVED BY: TWO
COPYRIGHT 2023

SHEET TITLE

SYSTEMS FLOOR
PLANS

E301

SHEET OF



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



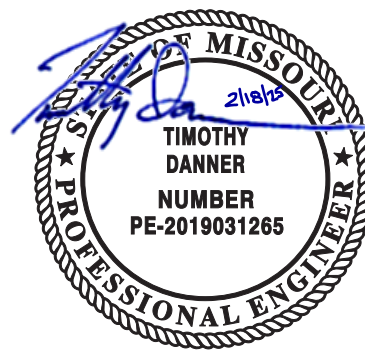
1627 MAIN STREET, SUITE 100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

8/23/24 PR-07
MARK DATE DESCRIPTION

PROJECT NO: 022-04268
CAD DWG FILE: Lee's Summit - Hangar 2.rvt
DESIGNED BY: SH
DRAWN BY: OH
CHECKED BY: AF
APPROVED BY: TWO
COPYRIGHT 2023

SHEET TITLE

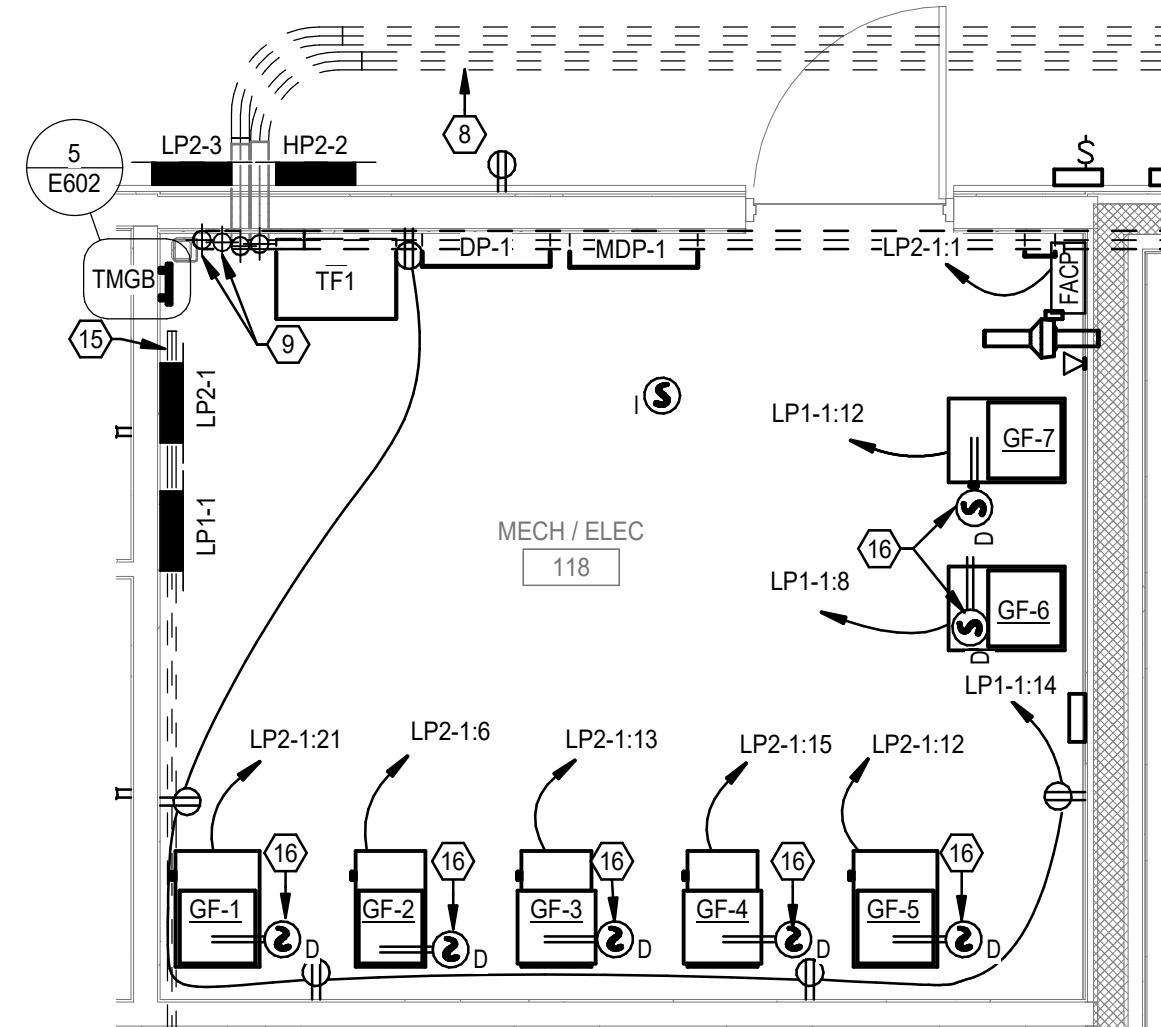
ENLARGED PLANS

E401

SHEET OF

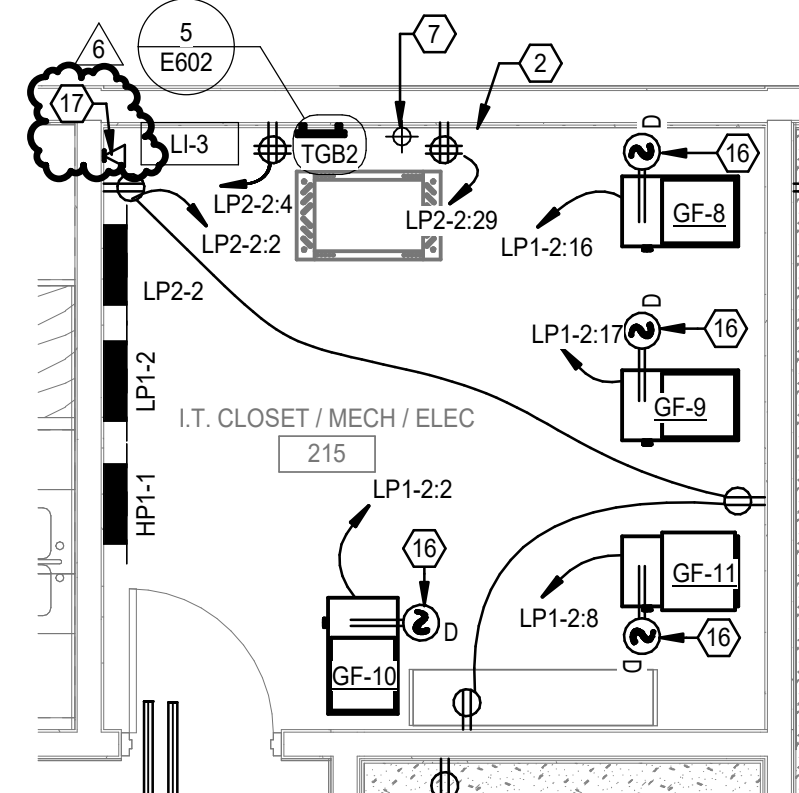
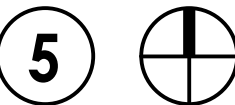
ELECTRICAL KEYNOTES

- 1 LADDER CABLE TRAY MOUNTED HIGH TO CEILING AND ON WALL.
- 2 5/8" FIRE RATED PLYWOOD PAINTED TO MATCH WALL. PROVIDE 96" TALL TO FULL WIDTH OF WALL SHEET.
- 3 PROVIDE A FUSED, HEAVY DUTY, LOCKABLE DISCONNECT POWER MODULE EQUAL TO BUSSMANN PS-1T48-R2-G-A WITH CLASS J FUSES. FIRE ALARM SYSTEM INTERFACE, GREEN PILOT LIGHT AND ALL NECESSARY INTERLOCKING CONTACTS. PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- 4 PROVIDE 20A, 120V, SINGLE POLE FUSED DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTS. MOUNT AT +6'-0" A.F.F. PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR MANUFACTURER. SWITCH SHALL BE CAPABLE OF BEING LOOKED "OFF".
- 5 ROUTE CIRCUIT FOR GARBAGE DISPOSAL OUTLET THROUGH TOGGLE SWITCH.
- 6 COORDINATE RECEPTACLE WITH CASEWORK.
- 7 4" EMPTY CONDUIT STUBED UP AT 3" A.F.F. AND CAPPED WITH PULL STRINGS. ROUTED FROM FLOOR BELOW.
- 8 (2) 4" EMPTY CONDUITS STUBED UP AT 3" A.F.F. AND CAPPED WITH PULL STRINGS. ROUTED FROM EXTERIOR BUILDING AND TERMINATED IN GRADE JUNCTION BOX. COORDINATE EXACT LOCATION WITH TELECOMMUNICATION PROVIDER.
- 9 4" EMPTY CONDUIT WITH PULL STRINGS ROUTED TO IT ROOM ON FLOOR ABOVE. PROVIDE FIRE RATED PENETRATION THRU FIRE WALL.
- 10 ROUTE (2) 4" EMPTY CONDUIT TO ABOVE CEILING ON FIRST FLOOR BELOW AND PROVIDE FIRE RATED PENETRATION THRU FIRE WALL. CONDUIT TO STUB OUT WALL TO CABLE TRAY ABOVE CEILING ON FIRST FLOOR.
- 11 WIRE MESH CABLE TRAY ABOVE CEILING ON FIRST FLOOR BELOW. REFER TO FIRST FLOOR SYSTEM PLAN FOR CONTINUATION.
- 12 COORDINATE MICROWAVE RECEPTACLE MOUNTING HEIGHT WITH CASEWORK.
- 13 VERTICAL LADDER TRAY FROM FLOOR TO 96".
- 14 4" EMPTY CONDUIT WITH PULL STRINGS ROUTED FROM ELECTRICAL ROOM ON FIRST FLOOR. PROVIDE FIRE RATED PENETRATION THRU FIRE WALL.
- 15 4" CONDUIT ROUTED BELOW GRADE FROM ELECTRICAL ROOM AND TERMINATED IN JUNCTION BOX FOR FUTURE TERMINAL BUILDING COMMUNICATION CABLEING. PROVIDE EMPTY CONDUIT WITH PULL STRINGS.
- 16 PROVIDE DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR DUCT.
- 17 ROUTE (1) 1" EMPTY CONDUIT WITH PULL STRINGS TO ROOF FOR COAX CABLEING TO ANTENNA. PROVIDE COAX OUTLET WHERE SHOWN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER.



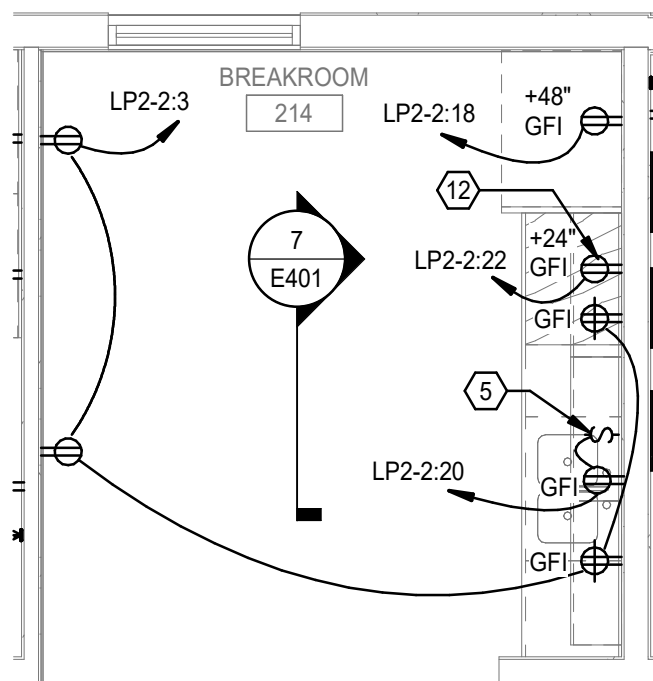
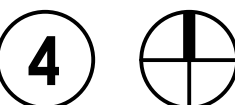
ENLARGED ELECTRICAL ROOM PLAN

1/4" = 1'-0"



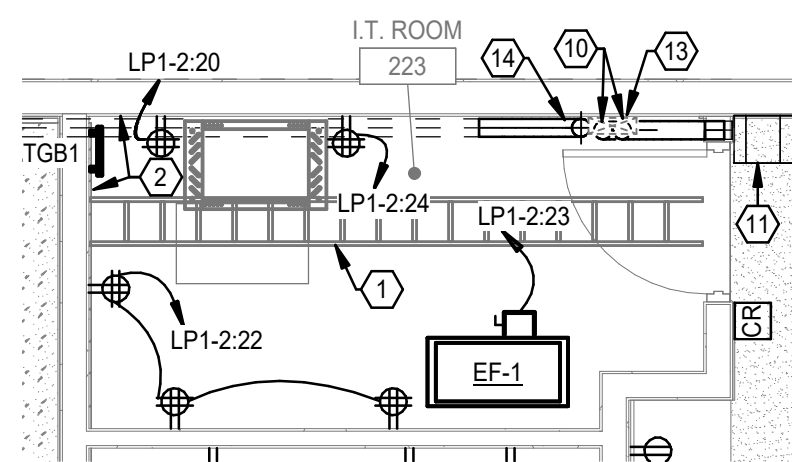
ENLARGED 2ND FLOOR PLAN

1/4" = 1'-0"



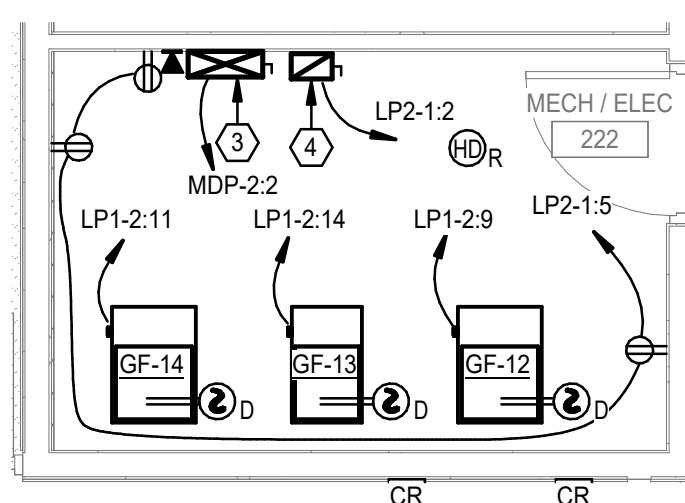
ENLARGED 2ND FLOOR BREAK ROOM

1/4" = 1'-0"



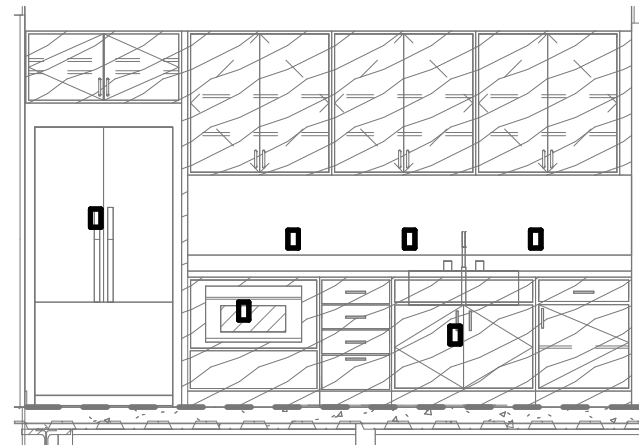
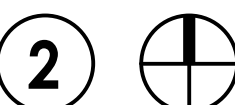
ENLARGED 2ND FLOOR IT ROOM

1/4" = 1'-0"



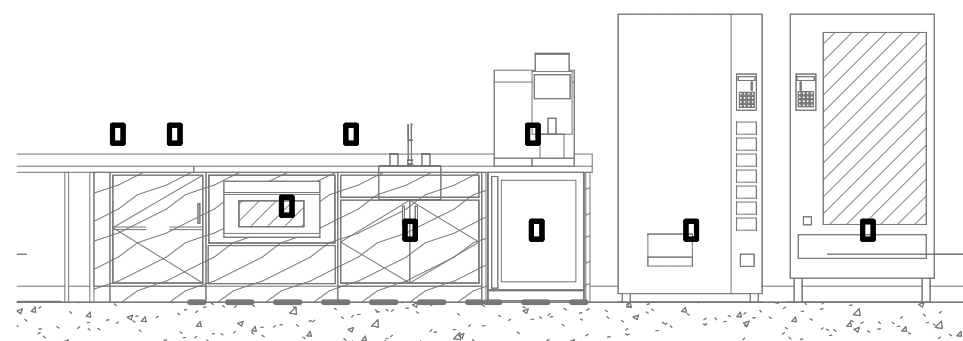
ENLARGED 2ND FLOOR MECH ROOM

1/4" = 1'-0"



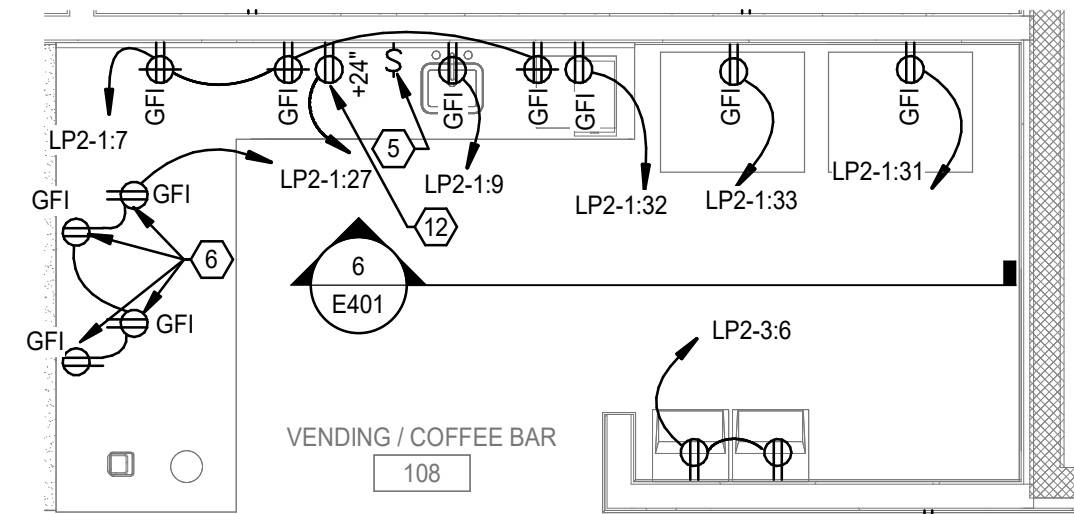
BREAK ROOM SECTION

NOT TO SCALE



COFFEE BAR SECTION

NOT TO SCALE



ENLARGED 1ST FLOOR BREAK ROOM

1/4" = 1'-0"





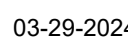
WELLNER
ARCHITECTS, INC.

olsson

EASTSIDE DEVELOPMENT
CITY PROJECT NO - 47732472

EASTSIDE DEVELOPMENT
CITY PROJECT NO - 47732472

LEET



6	11/8/24	PR-07
5	8/7/24	PR-06
MARK	DATE	DESCRIPTION

PROJECT NO:	022-04268
CAD DWG FILE:	Lee's Summit - Hangar 2.rvt
DESIGNED BY:	SH
DRAWN BY:	OH
CHECKED BY:	AF
APPROVED BY:	TWD
COPYRIGHT 2023	

ELECTRICAL SCHEDULES

SHEET OF

Distribution: DP-2							
MAINS TYPE: MCB						LOCATION: HANGAR 126	
OCBD RATING: 350A						MOUNTING: SURFACE	
AIC RATING: 10K							
SERVICE VOLTAGE: 208Y/120V 3PH, 3-Phase, 4-Wire							
FED FROM ID: TF2							
NOTES:							
LOAD DESCRIPTION	CKT NO.	P	A	B	C	NOTES	
SPD	1	1	--			REFER TO ONE-LINE	
LP2-1	2	3	10195.0	11435.0	9550.0	REFER TO ONE-LINE	
LP2-2	3	3	6453.3	7273.3	5913.3	REFER TO ONE-LINE	
LP2-3	4	3	6462.1	6818.3	6568.3	REFER TO ONE-LINE	
LP2-4	5	3	14767.0	21944.0	14760.0	REFER TO ONE LINE	
SPARE	6	1	0.0			REFER TO ONE-LINE	
Total Load:			37.9 kVA	47.5 kVA	36.8 kVA		
Total Amps:			317.0 A	397.0 A	306.6 A		
Load Classification	Connected...	Demand...	Estimated...	Panel Totals			
Appliance - Dwelling Unit	44 VA	100.00%	44 VA				
HVAC	17014 VA	100.00%	17014 VA	Total Conn. Load:	122.1 kVA		
HVAC_Heating	6000 VA	100.00%	6000 VA	Total Conn. Current:	339.0 A		
Lighting	360 VA	125.00%	450 VA	Total Est. Demand:	83.64 kVA		
Motor	1700 VA	122.06%	2075 VA	Total Est. Demand...:	232.2 A		
Other	7390 VA	100.00%	7390 VA	Future Load Growth:			
Power	1712 VA	100.00%	1712 VA	Min. Panel Rating...			
Receptacle	87920 VA	55.69%	48960 VA	Adjusted Demand...			
				Total Adjusted Demand...			

[illegible]

PANEL HP2-1 VOLTAGE 480Y/277V Wye MCB OR MLO MLO FED FROM MDP-2					VOLTAGE BUS RATING 225 A AIC RATING 30K					LOCATION HANGAR 126 MOUNTING SURFACE NO. OF POLES 42				
NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A	B	C	CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE		
	EXTERIOR LIGHTING	20 A	1	1	152	1692		2	1	20 A	LI-1			
	UTC HANGER NORTH	20 A	1	3			4180 943		4	3	20 A	VACUUM PUMP 1		
	CU-1a	25 A	3	5				4567 943	8	--	--	--		
--	--	--	--	7	4567	943			8	--	--	--		
--	--	--	--	9			4567 4567		10	3	25 A	CU-1b		
	CU-1c	25 A	3	11				4567 4567	12	--	--	--		
--	--	--	--	13	4567	4567			14	--	--	--		
--	--	--	--	15			4567 4567		16	3	25 A	CU-2b		
	CU-2c	25 A	3	17				4567 4567	18	--	--	--		
--	--	--	--	19	4567	4567			20	--	--	--		
--	--	--	--	21			4567 5742		22	3	35 A	CU-2a		
	EF-2	30 A	3	23				6097 5742	24	--	--	--		
--	--	--	--	25	6097	5742			26	--	--	--		
--	--	--	--	27			6097 13302		28	3	60 A	GPU RECEIPT		
	HANGER DOOR	30 A	3	29				3878 13302	30	--	--	--		
--	--	--	--	31	3878	13302			32	--	--	--		
--	--	--	--	33			3878 26050		34	3	100 A	GPU RECEIPT		
	SPARE	20 A	1	35				0 26050	36	--	--	--		
	SPD	30 A	3	37	0	26050			38	--	--	--		
--	--	--	--	39			0 0		40	1	20 A	SPARE		
--	--	--	--	41				0 0	42	1	20 A	SPARE		
					KVA 80.69		KVA 83.02		KVA 78.84					
					AMPS 292		AMPS 301		AMPS 285					

LOAD CLASSIFICATIONS

CONNECTE D (VA)

DEMAND FACTOR

DEMAND (VA)

HVAC_Cooling

68505 VA

100.00%

68505 VA

Lighting

6024 VA

125.00%

7530 VA

Motor

38345 VA

111.23%

42652 VA

Non Concurrent

11634 VA

100.00%

11634 VA

Other

0 VA

0.00%

0 VA

Receptacle

118056 VA

54.24%

64028 VA

CONNECTED LOAD: 242.564

MAXIMUM DEMAND: 194.3

292

234

NOTES:

AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER

CZ - CONTROL ZONE NUMBER FOR REMOTE CONTROL

BMIS - BREAKER CIRCUIT THROUGH BUILDING MANAGEMENT SYSTEM

GFCL - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT...

GPPE - GROUND FAULT PROTECTION EQUIPMENT CIRCUIT BREAKER

HLO - HANDLE LOCK ON DEVICE FOR CIRCUIT BREAKER

HPL - PADLOCK ATTACHMENT TO LOCK C/B HANDLE IN OPEN POSITION

[illegible]



WELLNER
ARCHITECTS, INC.

olsson

References

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO - 47732472

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

6	8/23/24	PR-07
MARK	DATE	DESCRIPTION

PROJECT NO:	022-04268
CAD DWG FILE:	Lee's Summit - Hangar 2.rvt
DESIGNED BY:	SH
DRAWN BY:	OH
CHECKED BY:	AF
APPROVED BY:	TWD
COPYRIGHT 2023	

SHEET TITLE

ELECTRICAL SCHEDULES

E703

SHEET OF

Distribution Diagram: DP-1					LOCATION: MECH / ELEC 118	
MAINS TYPE: MCB					MOUNTING: SURFACE	
OCPD RATING: 350A						
AIC RATING: 10K						
SERVICE VOLTAGE: 208Y/120V 3PH, 3-Phase, 4-Wire					FED FROM ID: TFI	

NOTES:

LOAD DESCRIPTION	CKT NO.	P	A	B	C	NOTES
SPD	1	1	--			REFER TO ONE-LINE
LP1-1	2	3	8529.7	6920.0	8300.0	REFER TO ONE-LINE
LP1-2	3	3	5442.5	5785.0	6936.5	REFER TO ONE-LINE
SPARE	4	1	0.0			REFER TO ONE-LINE
	5					
	6					
Total Load:			14.0 KVA	12.7 KVA	15.2 KVA	
Total Amps:			118.1 A	105.9 A	128.6 A	

Load Classification	Connected...	Demand...	Estimated...	Panel Totals
HVAC	9587 VA	100.00%	9587 VA	
Motor	2850 VA	113.16%	3225 VA	Total Conn. Load: 41.9 KVA
Other	450 VA	100.00%	450 VA	Total Conn. Current: 116.3 A
Power	1127 VA	100.00%	1127 VA	Total Est. Demand: 33.34 KVA
Receptacle	27900 VA	67.92%	18950 VA	Total Est. Demand... 92.5 A
				Future Load Growth:
				Min. Panel Rating...
				Adjusted Demand...
				Total Adjusted Deman...

[illegible]

PANEL LP1-1 MCB OR MLO MLO FED FROM DP-1				PHASE BUS RATING 225 A AIC RATING 10K				LOCATION MECH / ELEC 118 MOUNTING SURFACE NO. OF POLES 42					
NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A	B	C	CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE	
	DEF-2	20 A	1	1	90	360		2	1	20 A	RECEPT. RM - 120		
	RECEPT. FLIGHT SIMULATOR	20 A	1	3			180 360	4	1	20 A	RECEPT. STORAGE - 119/ RESTROO..		
	RECEPT. PROJECTOR - 124	20 A	1	5				6	1	20 A	RECEPT. RM - 124		
	RECEPT. - WASHER - 119	20 A	1	7	1000	1500		8	1	20 A	GF-6		
	RECEPT. STAIR 1 - 103	20 A	1	9			1080 1720	10	1	20 A	RECEPT. RM - 121		
	RECEPT. COPIER - 120	20 A	1	11				1000 1500	12	1	20 A	GF-7	
	COILING DOOR -121	20 A	2	13	500	900		14	1	20 A	RECEPT MECH/ELEC 118		
---		---	---	15			500 900	16	1	20 A	RECEPT. RM - 125		
	RECEPT DRYER	20 A	2	17				2000 900	18	1	20 A	RECEPT. RM - 121	
---		---	---	19	2000	1000		20	1	20 A	RECEPT. REELS 4		
	RECEPT. REELS 5	20 A	1	21		1000 1000		22	1	20 A	RECEPT. REELS 2		
	TV LEARN LAB	20 A	1	23			1000 1000	24	1	20 A	RECEPT. REELS 3		
	RECEPT. REELS 1	20 A	1	25	1000	180		26	1	20 A	DF CONTROLLER		
	DF CONTROLLER	20 A	1	27			180 0	28	1	20 A	SPARE		
	SPARE	20 A	1	29			0 0 30	30	1	20 A	SPARE		
	SPARE	20 A	1	31	0	0		32	1	20 A	SPARE		
	SPARE	20 A	1	33		0 0		34	1	20 A	SPARE		
	SPARE	20 A	1	35				36	1	20 A	SPARE		
	SPD	30 A	3	37	0	0		38	1	20 A	SPARE		
---		---	---	39		0 0		40	1	20 A	SPARE		
---		---	---	41			0 0	42	1	20 A	SPARE		
					KVA 8.529	KVA 6.92	KVA 8.3						
					AMPS 73	AMPS 58	AMPS 71						
LOAD CLASSIFICATIONS		CONNECTE D (VA)	DEMAND FACTOR	DEMAND (VA)									
HVAC	1860 VA	100.00%	1860 VA										
Motor	2500 VA	115.00%	2875 VA										
Other	90 VA	100.00%	90 VA										
Receptacle	19300 VA	75.91%	14650 VA										
					CONNECTED LOAD: 23.74... 66 MAXIMUM DEMAND: 19.47... 54			NOTES: AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER CZA - CONTROL ZONE NUMBER FOR REMOTE CONTROL BM/SH - ROUTE CIRCUIT THROUGH BUILDING MANAGEMENT SYSTEM GFCl - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT... GFPE - GROUND FAULT PROTECTION EQUIPMENT CIRCUIT BREAKER HLO - HANDLE LOCK ON DEVICE FOR CIRCUIT BREAKER HPL- PADLOCK ATTACHMENT TO LOCK C/B HANDLE IN OPEN POSITION					

PANEL HP-1-1 VOLTAGE 480Y/277V Wye MCB OR MLO MLO FED FROM MDP-1				PHASE BUS RATING 225 A AIC RATING 30K				LOCATION 1.T. CLOSET / MECH. / ELEC... MOUNTING SURFACE NO. OF POLES 24				
NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A	B	C	CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE
	LTO- FLUTE SIMULATORS	20 A	1		1340	228		2	1	20 A	LTO- LEARN LAB	
	LTO- CONF - 220 / ITTMECHELEC	20 A	1	3			741	0	4	1	20 A	SPARE
	SPARE	20 A	1	5				0	6	1	20 A	LI-3
	SPARE	20 A	1	7	0	0			8	1	20 A	SPARE
	SPARE	20 A	1	9			0	0	10	1	20 A	SPARE
	SPARE	20 A	1	11				0	12	1	20 A	SPARE
	SPARE	20 A	1	13	0	0			14	1	20 A	SPARE
	SPARE	20 A	1	15			0	0	16	1	20 A	SPARE
	SPARE	20 A	1	17				0	18	1	20 A	SPARE
	SPD	30 A	3	19	0	0			20	1	20 A	SPARE
--	--	--	--	21			0	0	22	1	20 A	SPARE
--	--	--	--	23				0	24	1	20 A	SPARE
					KVA AMPS	2.65 10	KVA AMPS	0.741 3	KVA AMPS	0 0		
LOAD CLASSIFICATIONS		CONNECTE D (VA)	DEMAND FACTOR	DEMAND (VA)								
Lighting		3391 VA	125.00%	4239 VA	CONNECTED LOAD: 3.391 MAXIMUM DEMAND: 4.23875							
Other		0 VA	0.00%	0 VA								
					NOTES: AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER C2# - CONTROL ZONE NUMBER FOR REMOTE CONTROL BMS# - ROUTE CIRCUIT THROUGH BUILDINGS MANAGEMENT SYSTEM GFCI - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT GFPE - GROUND FAULT PROTECTION EQUIPMENT CIRCUIT BREAKER HLO - HANDLE LOCK ON DEVICE FOR CIRCUIT BREAKER HPL- PADLOCK ATTACHMENT TO LOCK C/B HANDLE IN OPEN POSITION							

PANEL LP2-4 VOLTAGE 208Y/120V.3PH MCB OR MLO MLO FED FROM DP-2					PHASE BUS RATING 225 A AIC RATING 10K					LOCATION HANGAR 128 MOUNTING SURFACE NO. OF POLES 42				
NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A	B	C	CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE		
	DAMPER	20 A	1	1	150	444		2	1	20 A	UHG-1			
	UHG-2	20 A	1	3		444	1080	4	1	20 A	STORAGE - 127 RECEIPT			
	EXTERIOR RECEPT	20 A	1	5				720	1080	6	1	20 A	HANGER RECEPTS	
	RECEPT- INFRARED HEATERS	20 A	1	7	1440	2000				8	2	30 A	HANGER 208V OUTLET	
	HVLS-1	20 A	2	9		700	2000			10	--	--	--	
--	--	--	--	11				700	500	12	2	20 A	O.H HANGER DOOR	
	O.H. DOOR HANGER - 127	20 A	2	13	500	500				14	--	--	--	
	--	--	--	15						16	2	20 A	O.H. DOOR HANGER - 127	
	RECEPT - GSE	20 A	1	17				540	500	18	--	--	--	
	HANGER 208V RECEPT	30 A	2	19	2000	1333				20	1	20 A	EF-4	
--	--	--	--	21		2000	500			22	2	20 A	O.H DOOR HANGER	
	O.H. DOOR HANGER - 127	20 A	2	23				500	500	24	--	--	--	
	--	--	--	25	500	700				26	2	20 A	HVLS-2	
	HVLS-3	20 A	2	27			700	700		28	--	--	--	
	--	--	--	29				700	700	30	2	20 A	HVLS-4	
	RECEPT-TUG GSE	60 A	2	31	4500	700				32	--	--	--	
	--	--	--	33			4500	8320		34	2	100 A	RECEPT-TUG GSE	
	SPARE	20 A	1	35				0	8320	36	--	--	--	
	SPD	30 A	3	37	0	0	0	0		38	1	20 A	SPARE	
--	--	--	--	39						40	1	20 A	SPARE	
--	--	--	--	41				0	0	42	1	20 A	SPARE	
					KVA 14.767 AMPS 123		KVA 21.944 AMPS 183		KVA 14.76 AMPS 123					

LOAD CLASSIFICATIONS

HVAC	6488 VA	100.00%	6488 VA
Motor	1485 VA	122.47%	1816 VA
Other	500 VA	100.00%	500 VA
Receptacle	38500 VA	62.99%	24250 VA

CONNECTED LOAD: 51,471 143

MAXIMUM DEMAND: 37,585 104

NOTES:

AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER

CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL

BM#H - ROUTE CIRCUIT THROUGH BUILDING MANAGEMENT SYSTEM

GFCl - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT...

GFPE - GROUND FAULT PROTECTION EQUIPMENT CIRCUIT BREAKER

HLO - HANDLE LOCK ON DEVICE FOR CIRCUIT BREAKER

HPL- PADLOCK ATTACHMENT TO LOCK C/B HANDLE IN OPEN POSITION

PANEL LP1-2 VOLTAGE 208Y/120V 3PH MCB OR MLO MLO FED FROM DP-1					PHASE BUS RATING 225 A AIC RATING 10K					LOCATION 1 T_CLOSET / MEC / ELEC... MOUNTING SURFACE NO. OF POLES 42				
NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A	B	C	CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE		
	RECEPT: 2nd FLOOR STAIR 1 - 203	20 A	1	1	180	850		2	1	15 A	GF-10			
	RECEPT: CONFERENCE - 220A	20 A	1	3			540 1000	4	1	20 A	RECEPT: 2nd REELS 2			
	RECEPT: CONFERENCE - 220	20 A	1	5				900 900	6	1	20 A	RECEPT: RM 219		
	RECEPT: 2ND REELS 1	20 A	1	7	1000	1115			8	1	15 A	GF-11		
	GF-12	20 A	1	9			1500 88		10	2	20 A	DF-4		
	GF-14	20 A	1	11				1500 88	12	--	--	--		
	DF-3	20 A	2	13	88	850			14	1	15 A	GF-13		
		--	--	15			88 850		16	1	15 A	GF-8		
	GF-9	15 A	1	17				850 1000	18	1	20 A	TV DRONE PAD - 218		
	TV CONFERENCE - 220	20 A	1	19	1000	360			20	1	20 A	RECEPT - IT QUAD		
	TV DRONE PAD - 218	20 A	1	21			1000 720		22	1	20 A	RECEPT: 2nd IT ROOM		
	EF-1	20 A	1	23				1339 360	24	1	20 A	RECEPT - IT QUAD		
	SPARE	20 A	1	25	0	0			26	1	20 A	SPARE		
	SPARE	20 A	1	27			0 0		28	1	20 A	SPARE		
	SPARE	20 A	1	29				0 0	30	1	20 A	SPARE		
	SPARE	20 A	1	31	0	0			32	1	20 A	SPARE		
	SPARE	20 A	1	33			0 0		34	1	20 A	SPARE		
	SPARE	20 A	1	35				0 0	36	1	20 A	SPARE		
	SPARE	20 A	1	37	0	0			38	3	30 A	SPD		
	SPARE	20 A	1	39			0 0		40	--	--	--		
	SPARE	20 A	1	41				0 0	42	--	--	--		
					KVA AMPS	5,442.25 45	KVA AMPS	5,785 49	KVA AMPS	6,936.5 58				
LOAD CLASSIFICATIONS		CONNECTE D (VA)	DEMAND FACTOR	DEMAND (VA)										
HVAC	6227 VA	100.00%	6227 VA											
Motor	1880 VA	120.27%	2225 VA											
Other	360 VA	100.00%	360 VA											
Power	1127 VA	100.00%	1127 VA											
Receptacle	8600 VA	100.00%	8600 VA											

CONNECTED LOAD: 18,164

MAXIMUM DEMAND: 18,539

NOTES:

AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER

C20 - CONTROL ZONE NUMBER FOR REMOTE CONTROL

BMISF - RATE CIRCUIT THROUGH BUILDING MANAGEMENT SYSTEM

GFCl - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT...

GPPE - GROUND FAULT PROTECTION EQUIPMENT CIRCUIT BREAKER

HLO - HANDLE LOCK ON DEVICE FOR CIRCUIT BREAKER

HPL- PADLOCK ATTACHMENT TO LOCK C/B HANDLE IN OPEN POSITION