WELLNER ARCHITECTS + engineers

PROPOSAL REQUEST

☐	Owner	City of Lee's Summit
☐	Consultant	Crawford, Murphy, & Tilly, Inc.
☐	Contractor	Fogel-Anderson Const. Co.
☐	Field	

PROJECT:	**LXT Hangar 2 Eastside Development**	PROPOSAL NO:	**10**
OWNER:	**City of Lee's Summit**	DATE OF ISSUANCE:	**04/01/25**
TO:	**Fogel-Anderson Construction** **1212 E. 8th Street** **Kansas City, MO. 64106**	ARCHITECT:	**Wellner Architects, Inc.** **1627 Main Street, #100** **Kansas City, MO 64108**
COPY:	**File**		
CONTRACT FOR:	**General Construction**	ARCHITECT'S PROJECT:	**2219**
CONTRACT DATE:			

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein (Additions or Subtractions Thereof). Submit proposal within 10 days, or notify the Architect in writing of the date on which you anticipate submitting your proposal.
THE IS NOT A CHANGE ORDER OR A CONSTRUCTION CHANGE DIRECTIVE.

Description

Item 1. SHEET A102 FLOOR PLANS:

LAUNDRY rm 117 **Revise** opening size into STORAGE rm 116

Item 2. SHEET E201 POWER FLOOR PLANS:

VESTIBULE rm 100 **Add** power for sliding doors 100-A and 100-B

VESTIBULE rm 110 **Add** power for sliding doors 110-A and 110-B

RECEPTION / CAR RENTAL rm 109 **Add** conduit as desk for access control of sliding doors at Vestibules 100 and 110.

ELECTRICAL KEYNOTES **Revise** note 4. zxAdd note 15.

Item 3. SHEET E302 POWER HANGAR PLAN:

SITE **Revise** power to condensers for LRS7 school space.

ELECTRICAL KEYNOTES Add note15.

Item 4. SHEET E301 SYSTEM FLOOR PLANS:

LOBBY / WAITING rm 107 **Add** box and conduit for camera.

CORRIDOR rm 111 **Add** box and conduit for camera.

Item 5. SHEET E302 SYSTEM HANGAR PLAN:

HANGAR rm 126 **Add** box and conduit card reader at door 117-A.

HANGAR rm 126 **REVISE** location of box and conduit card reader at door 126-C to other side of the door.

HANGAR rm 126 **Add** box and conduit card reader at door 126-D.

HANGAR rm 126 **Add** box and conduit card reader at door 126-E.

HANGAR rm 126 **Add** box and conduit card reader at door 126-A.

HANGAR rm 126 **Add** box and conduits for cameras at east wall (2), south wall and north wall

GSE STORAGE rm 127 **Add** box and conduit card reader at door 127-A.

EXTERIOR **Add** box and conduits for camera at northwest corner of building.

Item 6. SHEET E702 ELECTRICAL SCHEDULES:

PANEL SCHEDULE HP2-1 **REVISE** panel schedule

PANEL SCHEDULE LP2-3 **REVISE** panel schedule

Item 7. SHEET E703 ELECTRICAL SCHEDULES:

PANEL SCHEDULE HP1-1 **REVISE** panel schedule

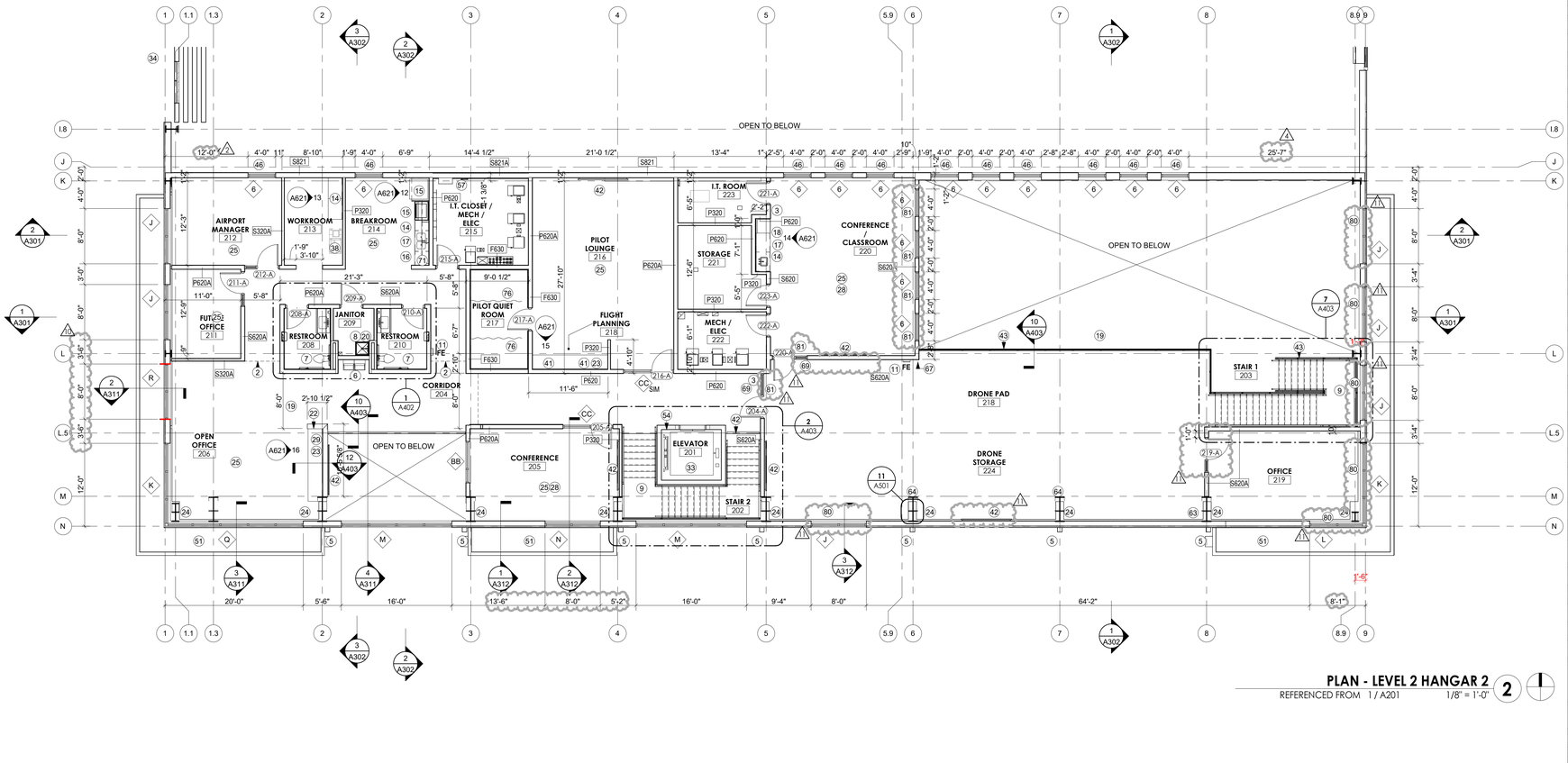
Specification Modifications

No changes to specifications

Drawing Modifications

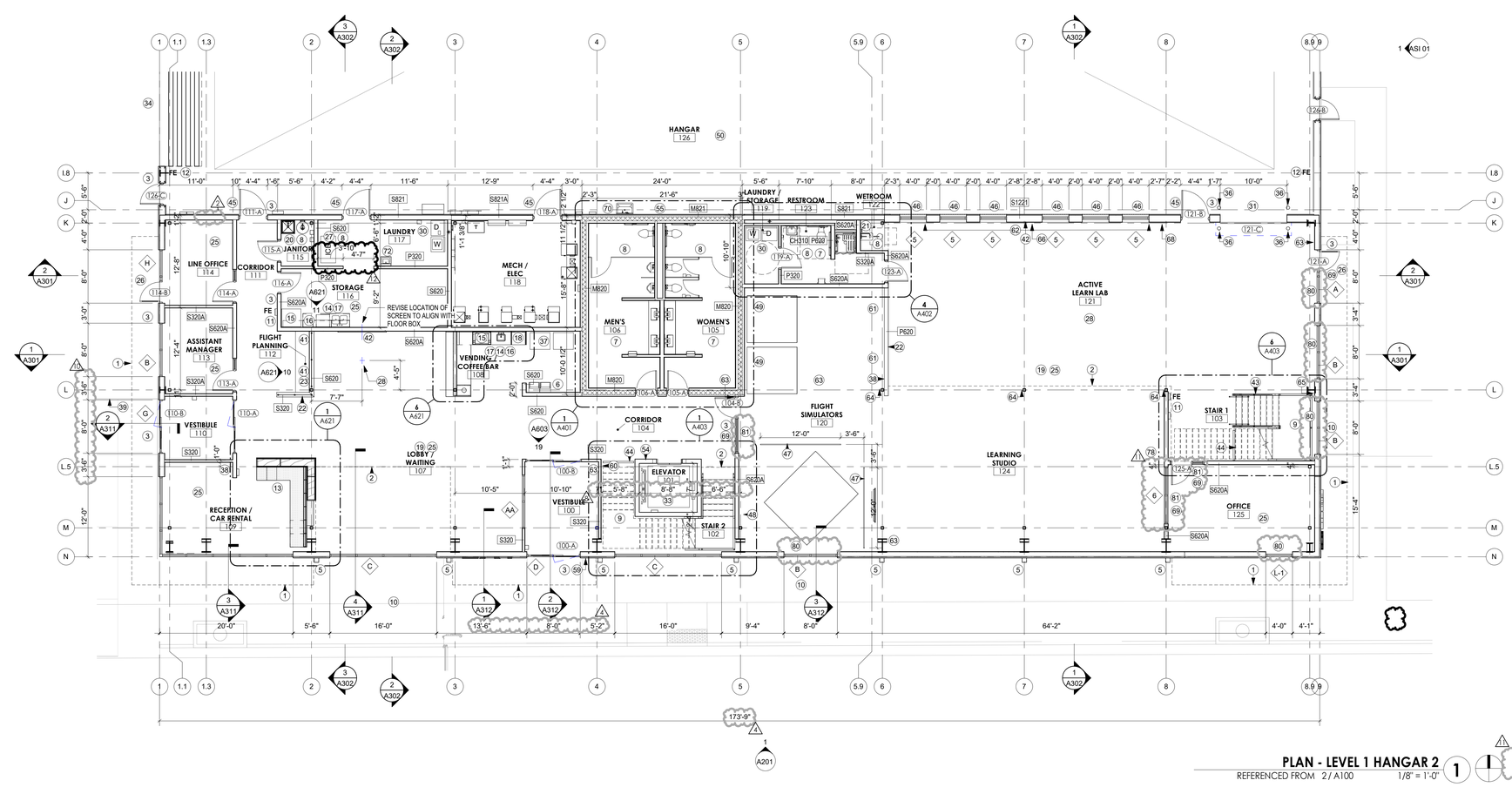
A102 FLOOR PLANS
E201 POWER FLOOR PLANS
E202 POWER HANGAR PLAN
E301 SYSTEMS FLOOR PLANS
E302 SYSTEM HANGAR PLAN
E702 ELECTRICAL SCHEDULES
E703 ELECTRICAL SCHEDULES

END OF PROPOSAL REQUEST



PLAN - LEVEL 2 HANGAR 2

REFERENCED FROM 1 / A201 1/8" = 1'-0" 2



PLAN - LEVEL 1 HANGAR 2

REFERENCED FROM 2 / A100 1/8" = 1'-0" 1

CONSTRUCTION NOTES (#)

1 LINE OF CANOPY ABOVE
2 LINE OF SOFFIT / SLAB EDGE ABOVE
3 FURNISH AND INSTALL ACCESS CONTROLS ON DOORS PER OWNER REQUIREMENTS AND HARDWARE SCHEDULE
4 FURNISH AND INSTALL 2 HOUR RATED FIRE RATED COILING OVERHEAD DOOR PER DOOR SCHEDULE
5 FURNISH AND INSTALL PREFINISHED DOWNSPOUT WITH INTEGRAL OVERFLOW AND CONNECT TO STORM SEWER PER CIVIL
6 FURNISH AND INSTALL HIGH / LOW DRINKING FOUNTAIN WITH BOTTLE FILLER PER PLUMBING AND ADA
7 REFER TO ENLARGED PLANS AND ELEVATIONS FOR RESTROOM LAYOUT AND ACCESSORIES PER ADA
8 FURNISH AND INSTALL FLOOR DRAIN PER PLUMBING, SLOPE SLAB AS NEEDED TO PROVIDE DRAINAGE
9 FURNISH AND INSTALL CONCRETE FILLED METAL PAN STAIR WITH GUARDRAIL AND CONTINUOUS HANDRAILS PER DETAILS
10 FURNISH AND INSTALL DECORATIVE GRAVEL STRIP AROUND BUILDING PER LANDSCAPE PLANS
11 FURNISH AND INSTALL 3A-40BC RATED F.E. (min 5lbs.) IN SEMI RECESSED STAINLESS STEEL CABINET, MOUNTED NO HIGHER THAN 5'-0" TO T.O. extinguisher. Monroe Extinguisher Comp - ADA 1027V10 with V style door. VERIFY FINAL QUANTITY AND LOCATION WITH FIRE MARSHAL AND CONFIRM WITH ARCHITECT
12 FURNISH AND INSTALL 3A-40BC RATED F.E. (min 5lbs.) SURFACE MOUNTED NO HIGHER THAN 5'-0" TO T.O. EXTINGUISHER. Monroe Extinguisher Comp - ADA 1027V10 with V style door. VERIFY FINAL QUANTITY AND LOCATION WITH FIRE MARSHAL AND CONFIRM WITH ARCHITECT
13 FURNISH AND INSTALL CHECK-IN DESK PER DETAILS, PROVIDE ADEQUATE POWER AND DATA TO FLOOR STUB FOR 2 COMPUTERS, AND PRINTER
14 FURNISH AND INSTALL LOWER AND UPPER CASEWORK AND COUNTER TOPS PER INTERIOR ELEVATIONS, DETAILS, AND FINISH PLANS
15 FURNISH AN INSTALL ADEQUATE ELECTRICAL FOR OWNER PROVIDED REFRIGERATOR, AND MICROWAVE
16 FURNISH AND INSTALL ADEQUATE ELECTRICAL AND WATERLINE FOR COFFEE MAKER
17 FURNISH AND INSTALL UNDERMOUNT STAINLESS STEEL SINK WITH DISPOSAL PER PLUMBING, ADA AND DETAILS
18 FURNISH AND INSTALL ADA COUNTER HEIGHT UNDERCOUNTER FRIDGE WITH ADEQUATE POWER AND CASEWORK TRIM PIECES FOR BUILT IN APPEARANCE
19 PAINT ALL EXPOSED STRUCTURE PER FINISH PLANS
20 FURNISH AND INSTALL JANITOR'S MOP BASIN WITH CUSTODIAL MOP AND BROOM HOLDER AND FRP PER FINISH LEGEND ON ADJACENT WALLS BEYOND MOP SINK
21 FURNISH AND INSTALL PULL DOWN IN WALL EMERGENCY SHOWER AND EYE WASH STATION PER PLUMBING
22 FURNISH AND INSTALL 48" TALL LOW WALL WITH SOLID SURFACE CAP PER FINISH PLANS AND LEGEND
23 FURNISH AND INSTALL COUNTER TOP AT 34" A.F.F. PER INTERIOR ELEVATIONS, DETAILS, AND FINISH LEGEND
24 PROVIDE EXPANSION JOINT BETWEEN SECOND FLOOR SLAB AND PEMB STRUCTURE AND EXTERIOR WALL PER DETAILS, PEMB STRUCTURE TO BE LIMITED TO 3'-3" MAX COLUMN DEPTH AT 2ND FLOOR
25 GC TO COORDINATE AND PROVIDE INSTALLATION OF OWNER PROVIDED FURNITURE
26 FURNISH AND INSTALL STOOPS EXTERIOR DOORS PER STRUCTURAL
27 FURNISH AND INSTALL WATER LINE OF ICE MAKER
28 FURNISH AND INSTALL IN SLAB FLOOR OUTLETS FOR POWER / DATA / VOICE. COORDINATE FINAL LOCATIONS WITH FURNITURE SUPPLIER AND OWNER AND CONFIRM WITH ARCHITECT
29 FURNISH AND INSTALL OUTLETS AT WALL OF COUNTER FOR CHARGING STATIONS
30 FURNISH AND INSTALL ADEQUATE POWER, PLUMBING, AND VENTILATION FOR WASHER AND DRYER
31 FURNISH AND INSTALL 1 HOUR RATED FIRE RATED COILING OVERHEAD DOOR PER DOOR SCHEDULE
32 FURNISH AND INSTALL SECURED SLIDING GATE. PROVIDE CONDUIT AND ADEQUATE POWER AND CONTROLS PER OWNER REQUIREMENTS
33 FURNISH AND INSTALL ELEVATOR EQUIPMENT PER SUPPLIER, SCHINDLER 3100 MRL TRACTION ELEVATOR IS BASIS OF DESIGN
34 FURNISH AND INSTALL "FLOATING" 16'-0 X 28'-0" HANGAR DOOR WITH CONTINUOUS HEAVY 12 GAUGE GALVANIZED STEEL ANGLE FLASHINGS ON BOTH SIDES OF EACH RAILING PROVIDING A FLUSH SURFACE AND LEVEL CROSSING FOR AIRCRAFT, PROVIDE ADEQUATE POWER, TRACK HEATING, AND DRAINAGE PER DETAILS
35 EXISTING ELECTRICAL VAULT TO REMAIN. COORDINATE CONSTRUCTION ACTIVITIES AS TO NOT DISRUPT SERVICE PROVIDED FROM THIS BUILDING
36 FURNISH AND INSTALL 6" DIAMETER CONCRETE FILLED GALVANIZED PIPE BOLLARDS PER DETAIL - PAINTED
37 PROVIDE ADEQUATE POWER FOR VENDING MACHINES
38 PROVIDE ADEQUATE POWER / DATA FOR COPIER / PRINTER
39 LINE OF CONCRETE APRON. REFER TO CIVIL
40 EXISTING APRON. REFER TO CIVIL
41 PROVIDE ADEQUATE POWER / DATA CONNECTIONS FOR COMPUTER WORKSTATION
42 FURNISH AND INSTALL BLOCKING AND ELECTRICAL / DATA FOR OWNER PROVIDED FLAT SCREEN TV'S. FINAL LOCATIONS AND MOUNTING HEIGHT TO BE VERIFIED WITH OWNER
43 FURNISH AND INSTALL CABLE GUARD RAILING AT 42" A.F.F. PER DETAILS
44 FURNISH AND INSTALL RAILING PER DETAILS AT UNDERSIDE OF STAIR OR AS SHOWN IN PLAN AT UNDERSIDE OF STAIRS TO MEET ADA
45 FURNISH AND INSTALL 1 HOUR RATED DOOR AND GLAZING PER DETAILS AND SCHEDULES
46 FURNISH AND INSTALL 1 HOUR RATED GLAZING IN HOLLOW METAL FRAMES AT RATED WALLS PER DETAILS
47 FURNISH AND INSTALL REMOVEABLE RAILING AROUND FLIGHT SIMULATOR, COORDINATE FINAL LAYOUT AND CLEARANCES WITH OWNER
48 PROVIDE ADEQUATE POWER / DATA CONNECTION FOR OWNER PROVIDED REDBIRD AMS FLIGHT SIMULATOR. COORDINATE INSTALLATION AND CLEAR SPACE FOR RAILING WITH OWNER
49 PROVIDE ADEQUATE POWER / DATA CONNECTION FOR OWNER PROVIDED REDBIRD LD FLIGHT SIMULATORS. COORDINATE INSTALLATION AND CLEAR SPACE WITH OWNER
50 FURNISH AND INSTALL TRENCH DRAINS WITH OIL / SAND INTERCEPTOR. REFER TO PLUMBING, SLOPE FLOOR TO TRENCH AND FLOOR DRAIN SYSTEMS
51 CANOPY PER DETAILS
52 FURNISH AND INSTALL CONDUIT FOR FUTURE RUNS BETWEEN HANGAR AND FUTURE TERMINAL BUILDING PER CIVIL
53 FURNISH AND INSTALL FIRE ANNUNCIATOR PANEL
54 FURNISH AND INSTALL 8"X16" CMU WITH INTEGRAL 8" SCORE PATTERN AND MORTAR MATCHING CMU FINISH COLOR, RAKE ALL MORTAR JOINTS TO ALIGN WITH CMU SCORE PATTERN
55 FURNISH AND INSTALL SANITARY LAVATORY LINE AND FIXTURE FOR AIRPLANE WASTE DISPOSAL
56 FURNISH AND INSTALL LINER PANEL TO GIRTS FROM FLOOR TO 10'-0" AFF AT PERIMETER WALLS
57 FURNISH AND INSTALL 3/4" FIRE TREATED PLYWOOD PANEL 8' WIDE X 8' TALL FOR WALL MOUNTED I.T., CONFIRM FINAL LOCATION WITH OWNER
58 FIRE DEPARTMENT CONNECTION (FDC)
59 KNOX BOX AT DOOR ABOVE FDC KNOX KEY SWITCHES AT OPERABLE GATES. COORDINATE SIZE/LOCATION WITH AHJ AND OWNER
60 ELEVATOR KEY KNOX BOX ADJACENT TO ELEVATOR, COORDINATE SIZE AND LOCATION WITH AHJ AND OWNER
61 PROVIDE ADEQUATE POWER / DATA CONNECTION FOR OWNER PROVIDED OPEN FLIGHT SIMULATORS, PROVIDE BLOCKING AS NEEDED FOR MONITORS MOUNTED TO WALL PER OWNER REQUIREMENTS
62 FURNISH AND INSTALL WALL MOUNTED POWER TRACK AT 3'-6" A.F.F. BETWEEN STRUCTURAL GRIDS 6 TO 8
63 FURNISH AND INSTALL CONDUIT / ROUGH AND CAT 6 FOR OWNER PROVIDED SECURITY CAMERAS PER OWNER REQUIREMENTS, COORDINATE MOUNTING HEIGHT WITH OWNER
64 FURNISH AND INSTALL CONDUIT WITH POWER AND DATA ALONG COLUMNS WITH POWER REEL. REFER TO ELECTRICAL DRAWINGS
65 PROVIDE ADEQUATE POWER FOR BATTERY CHARGING STATIONS
66 FURNISH AND INSTALL POWER FOR WIFI ROUGH IN AT 12'-0" A.F.F., CONFIRM FINAL LOCATIONS WITH OWNER
67 FURNISH AND INSTALL 2' X 2' X 48" STAINLESS STEEL CORNER GUARDS AT 1'-0" A.F.F.
68 PROVIDE POWER FOR AIR COMPRESSOR
69 FURNISH AND INSTALL SG4 SCHOOL GUARD GLASS AT DOORS AND SIDELIGHTS
70 FURNISH AND INSTALL STAINLESS STEEL WALL MOUNTED SINK WITH EMERGENCY EYE WASH STATION PER PLUMBING
71 FURNISH AND INSTALL ADA COUNTER HEIGHT DISHWASHER PROVIDE ADEQUATE POWER AND WATER CONNECTIONS PER MEP
72 FURNISH AND INSTALL STAINLESS STEEL WALL MOUNTED SINK PER PLUMBING, PROVIDE INSULATED COVERING PER ADA
73 REFER TO ENLARGED PLANS AND ELEVATIONS FOR TRASH ENCLOSURE DETAILS
74 FURNISH AND INSTALL STEEL CONDUIT UNDER TRACKS FOR HEATING PER ELECTRICAL. REFER TO DETAILS
75 LINE OF CANOPY ABOVEFURNISH AND INSTALL RAIL DRAINAGE COLLECTORS AND DIVERT IT TO BUILDING DRAINAGE PER PLUMBING
76 FURNISH AND INSTALL SEMI-TRANSPARENT BLACK MESH CURTAINS WITH SILENT TRACK / CURTAIN RINGS
77 FURNISH AND INSTALL PAINT AT FRONT FACE OF PEMB COLUMNS TO 28'-0" IN CONTRASTING COLOR PER FINISH LEGEND
78 FURNISH AND INSTALL 180" WALL MOUNTED DIAGONAL PROJECTOR SCREEN. PROVIDE BLOCKING AS NEEDED
79 FURNISH AND INSTALL 4-A:20-B:C RATED F.E. SURFACE MOUNTED NO HIGHER THAN 5'-0" TO T.O. EXTINGUISHER. VERIFY FINAL QUANTITY AND LOCATION WITH FIRE MARSHAL AND CONFIRM WITH ARCHITECT
80 MANUAL ROLLER SHADE RC-01 REFERENCE FINISH LEGEND
81 MANUAL ROLLER BLACKOUT SHADE RC-2 REFERENCE FINISH LEGEND

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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT AIRPORT

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

Julie Black Wellner - Architect - MO #A-5006
STATE OF MISSOURI
JULIE BLACK WELLNER
NUMBER A-5006
REGISTERED ARCHITECT
MO Certificate of Authority #000767
09-29-2023

LEES SUMMIT MUNICIPAL AIRPORT
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/4/25	PR 10
11	4/11/25	PR 09
10	10/16/24	HSS Sleeve
8	8/26/24	RFI 17
4	8/2/24	ASI 01

PROJECT NO:	2219
CAD DWG FILE:	Lee's Summit - Hangar 2.rvt
DESIGNED BY:	DM
DRAWN BY:	DM
CHECKED BY:	WAI
APPROVED BY:	WAI

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SHEET TITLE

FLOOR PLANS

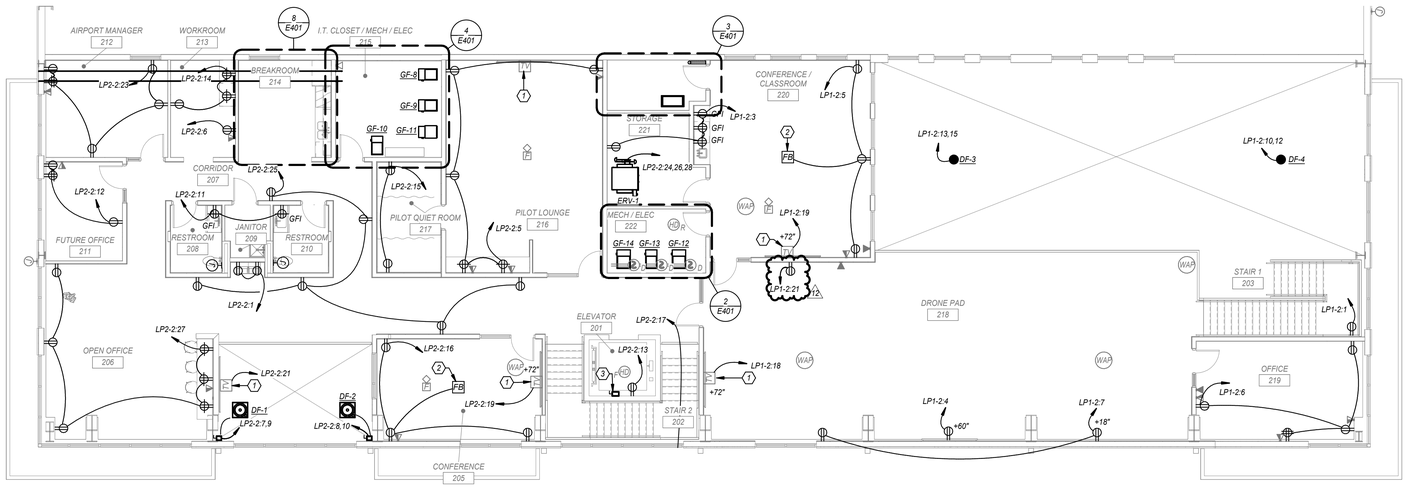
A102

SHEET OF

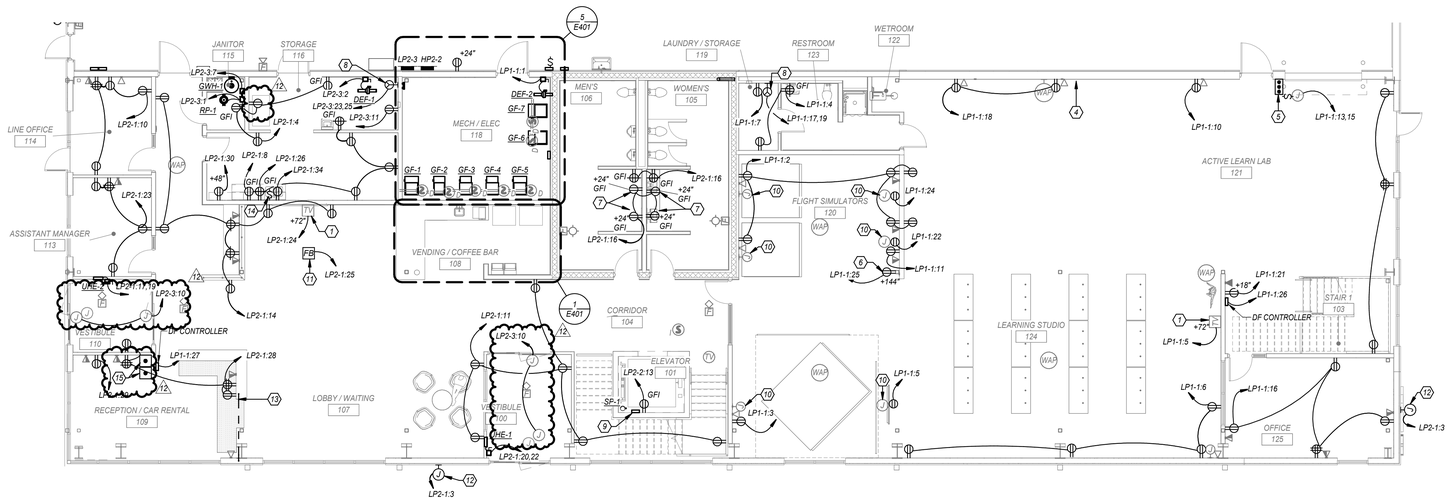
4/4/2025 3:20:50 PM

ELECTRICAL KEYNOTES

1. PROVIDE TV OUTLET EQUAL TO LEGRAND# TV3WTVSSW WITH CONDUIT TO ABOVE ACESSIBLE CEILING PER AV INFRASTRUCTURE DETAIL. COORDINATE ALL DEVICE REQUIREMENTS WITH OWNER. REFER TO ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHTS. REFER TO DETAIL 8/E602 FOR ADDITIONAL INFORMATION.
2. COMBINATION POWER/DATA POKE-THRU FLOOR BOX. PROVIDE LEGRAND 6AT SERIES OR EQUIVALENT WITH COVER PLATE, TWO (2) DUPLEX RECEPTACLES, DATA ACTIVATIONS, AND AV CABLING FEED THROUGH. PROVIDE ONE (1) 3/4" CONDUIT FOR POWER AND ONE (1) 1-1/4" CONDUIT FOR DATA. REFER TO SYSTEMS PLANS FOR ADDITIONAL INFORMATION ON DATA CONDUIT ROUTING REQUIREMENTS.
3. NON-FUSED, ENCLOSED, EXTERNALLY OPERABLE MOTOR DISCONNECT CAPABLE OF BEING LOCKED IN THE OPEN POSITION. THIS SWITCH IS TO BE PLACE RIGHT OF THE MOTOR CONTROLLER.
4. NOT USED
5. PROVIDE START/STOP PUSH BUTTON FOR COILING OVERHEAD DOOR PER MANUFACTURER REQUIREMENT.
6. PROVIDE CORD AND REEL WITH TRIPLE TAP OUTLET EQUAL TO HUBBELL HBLCM123TT. REEL SHALL BE MOUNTED TO STRUCTURAL COLUMN OR FROM STRUCTURE ABOVE AT 12'-0" A.F.F.
7. PROVIDE RECEPTACLE ABOVE CEILING FOR LOW VOLTAGE POWER TO FLUSH VALVES. PROVIDE RECEPTACLE FOR LAVATORIES PER MANUFACTURER.
8. PROVIDE NEMA 14-30R OR 10-30R RECEPTACLE WITH (3)-#10 AND (1)-#10 GROUND IN 3/4" CONDUIT FOR DRYER. REFER TO MANUFACTURER AND PROVIDE EXACT REQUIREMENTS.
9. SUMP PUMP ALARM PANEL. PROVIDE (1) 2" CONDUIT WITH PULL STRING FROM SUMP PUMP ALARM PANEL STUBBED INTO ELEVATOR PIT FOR ROUTING OF POWER AND CONTROL CABLE TO SUMP PUMP.
10. PROVIDE BOX WITH 1-1/4" CONDUIT WITH TWO (2) HDMI CABLES TO CEILING MOUNTED TV FOR HDMI CONNECTION. COORDINATE WITH OWNER AND ARCHITECT FOR ALL REQUIREMENTS PRIOR TO INSTALLATION. PROVIDE HDMI TERMINATIONS/PLATES AND ALL REQUIRED DEVICES FOR A COMPLETE SYSTEM. CIELING DEVICES SHALL BE MOUNTED ABOVE, AT THE STRUCTURE OR CIELING.
11. COMBINATION POWER/DATA FLOOR BOX. PROVIDE LEGRAND RFB SERIES OR EQUIVALENT WITH COVER PLATE, TWO (2) DUPLEX RECEPTACLES, DATA ACTIVATIONS, AND AV CABLING FEED THROUGH. REFER TO FLOOR BOX DETAIL AND SYSTEMS PLANS FOR ADDITIONAL INFORMATION.
12. PROVIDE POWER ROUGH IN FOR SIGN LIGHTING.
13. ROUTE CONDUIT BELOW FLOOR AND STUB UP IN CASEWORK. COORDINATE EXACT LOCATION WITH CASEWORK.
14. ROUTE CIRCUIT FOR GARBAGE DISPOSAL OUTLET THROUGH TOGGLE SWITCH.
15. PROVIDE 1" CONDUIT AND JUNCTION BOX FOR (2) DESK MOUNTED PUSH BUTTONS. CONDUIT SHALL BE ROUTED BACK TO ACCESS CONTROLS FOR LOW VOLTAGE WIRING. COORDINATE ALL REQUIREMENTS WITH ACCESS CONTROLS PROVIDER AND OWNER.



POWER SECOND FLOOR PLAN (2)
1/8" = 1'-0"



POWER FIRST FLOOR PLAN (1)
1/8" = 1'-0"

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

STATE OF MISSOURI
TIMOTHY DANNER
NUMBER PE-2019031265
PROFESSIONAL ENGINEER
03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/4/25	PR 10
11	4/2/25	PR 09

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

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SHEET TITLE
POWER FLOOR PLANS

E201
SHEET OF

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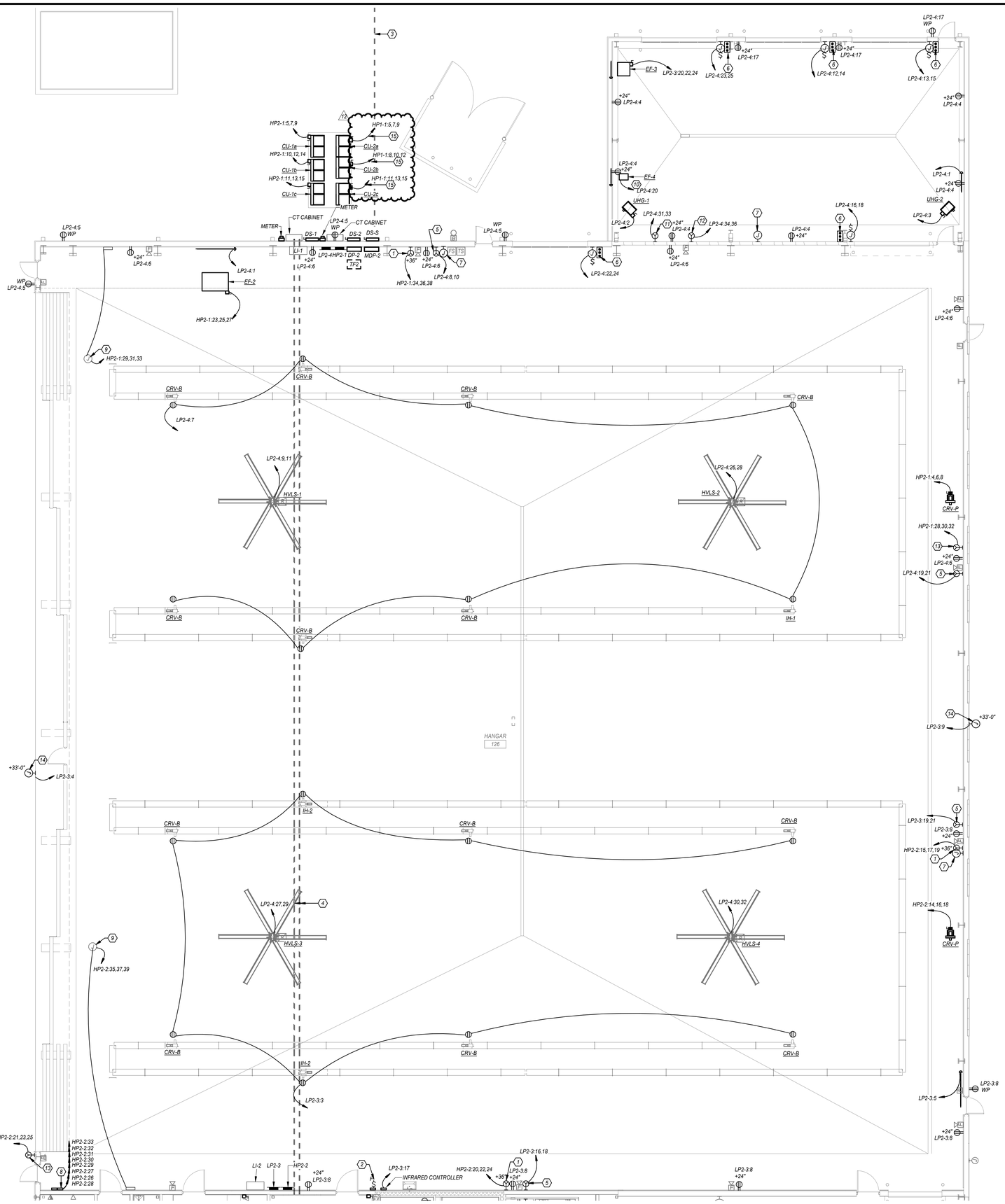

POWER HANGAR PLAN 1
1/8" = 1'-0"

ELECTRICAL KEYNOTES

1. PROVIDE KILLARK RECEPTACLE VR1041E5 OR VR1044E5 FOR OWNER PROVIDED GROUND POWER UNIT GPU. REFER TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3)-#2 AND (1)-#8 GROUND IN 1-1/4" CONDUIT.
2. ROUTE CIRCUIT FOR CEILING FANS THROUGH CONTROL KEYPAD.
3. SECONDARY FEEDER ROUTED BELOW GRADE FROM UTILITY TRANSFORMER. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
4. FEEDER ROUTED BELOW FROM SERVICE ENTRANCE. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
5. PROVIDE NEMA 6-30R RECEPTACLE FOR OWNER PROVIDED EQUIPMENT. COORDINATE WITH MANUFACTURER FOR EXACT REQUIREMENTS. PROVIDE (2)-#10 AND (1)-#10 GROUND IN 0.75" CONDUIT. MOUNT RECEPTACLE AT 24" A.F.F.
6. PROVIDE START/STOP PUSH BUTTON FOR COILING OVERHEAD DOOR PER MANUFACTURER REQUIREMENT.
7. PROVIDE BACK BOX AND 1-1/4" CONDUIT ROUGH-IN FOR OWNER PROVIDED EQUIPMENT. ROUTE EMPTY CONDUIT WITH PULL STRINGS TO NEAREST 208V PANELBOARD.
8. PROVIDE CIRCUITS FOR SNOW MELT RELAY PANEL. REFER TO MANUFACTURER FOR ADDITIONAL INFORMATION.
9. PROVIDE (3)-#10 AND (1)-#10 GROUND IN 3/4" CONDUIT FOR HANGER DOOR MOTORS. PROVIDE ADDITIONAL POWER CONNECTIONS TO EACH MOTOR LOCATION PER MANUFACTURER'S REQUIREMENT. ROUTE LOW VOLTAGE CABLING TO CONTROLLER.
10. ROUTE 120V POWER TO HYDROGEN GAS DETECTOR FOR EXHAUST FAN CONTROL. REFER TO MECHANICAL PLANS AND MANUFACTURER DETAILS FOR ADDITIONAL INFORMATION.
11. PROVIDE KILLARK RECEPTACLE VR641E3 OR VR6044E FOR OWNER PROVIDED TUG WELDER. REFER TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3)-#6 AND (1)-#10 GROUND IN 1" CONDUIT. MOUNT AT 36" A.F.F.
12. PROVIDE KILLARK RECEPTACLE VR1041E5 OR VR1044E5 FOR OWNER PROVIDED TUG WELDER. REFER TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3)-#2 AND (1)-#8 GROUND IN 1-1/4" CONDUIT. MOUNT AT 36" A.F.F.
13. PROVIDE KILLARK RECEPTACLE VR641E3 OR VR6044 FOR OWNER PROVIDED GROUND POWER UNIT GPU. REFER TO MANUFACTURER MANUAL FOR EXACT REQUIREMENTS. PROVIDE (3)-#4 AND (1)-#8 GROUND IN 1-1/4" CONDUIT. MOUNT AT 36" A.F.F.
14. PROVIDE POWER POLE/LIP FOR SIGNAGE LIGHTING.
15. CIRCUIT BREAKERS FOR CONDENSING UNITS CU-2A,B,C SHALL BE RELOCATED TO PANELBOARD HP1.

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

STATE OF MISSOURI
TIMOTHY DANNER
NUMBER PE-2019031265
PROFESSIONAL ENGINEER
03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/4/25	PR-10
6	11/8/24	PR-07
5	8/7/24	PR-06

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

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SHEET TITLE
POWER HANGAR PLAN

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GENERAL SHEET NOTES

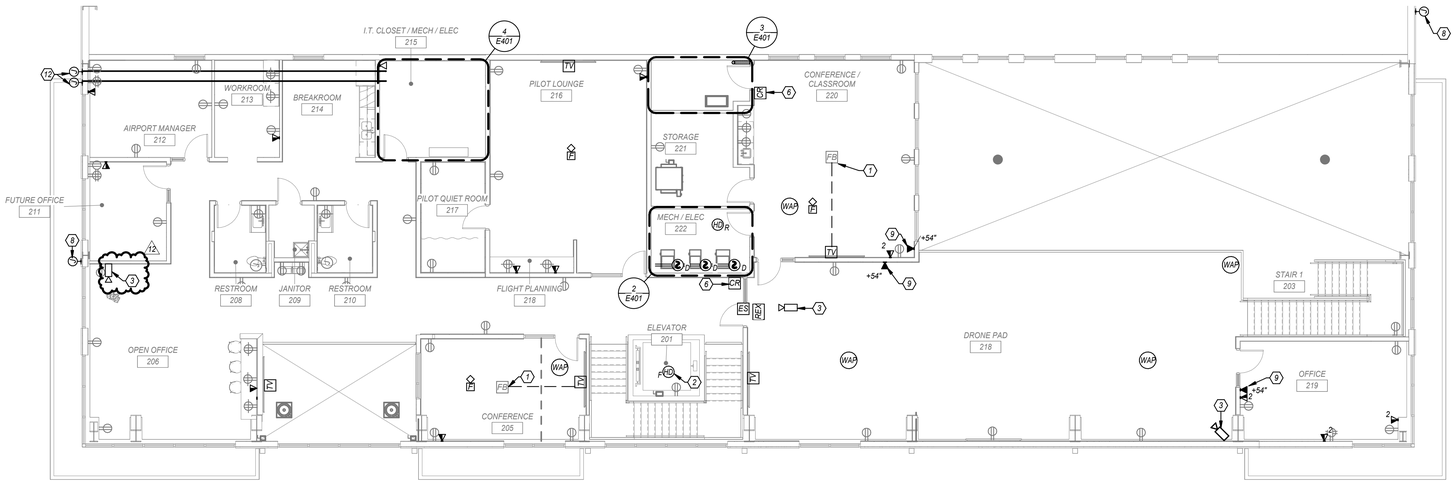
A. WHERE TELE/DATA OUTLET SYMBOL IS SHOWN PROVIDE BACK BOX AND CONDUIT ROUGH IN TO ABOVE ACCESSIBLE CEILING. REFER TO COMMUNICATION ROUGH-IN DETAIL FOR ADDITIONAL INFORMATION.

B. COORDINATE ALL TELECOMM/DATA DEVICE LOCATION AND MOUNTING HEIGHTS WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.

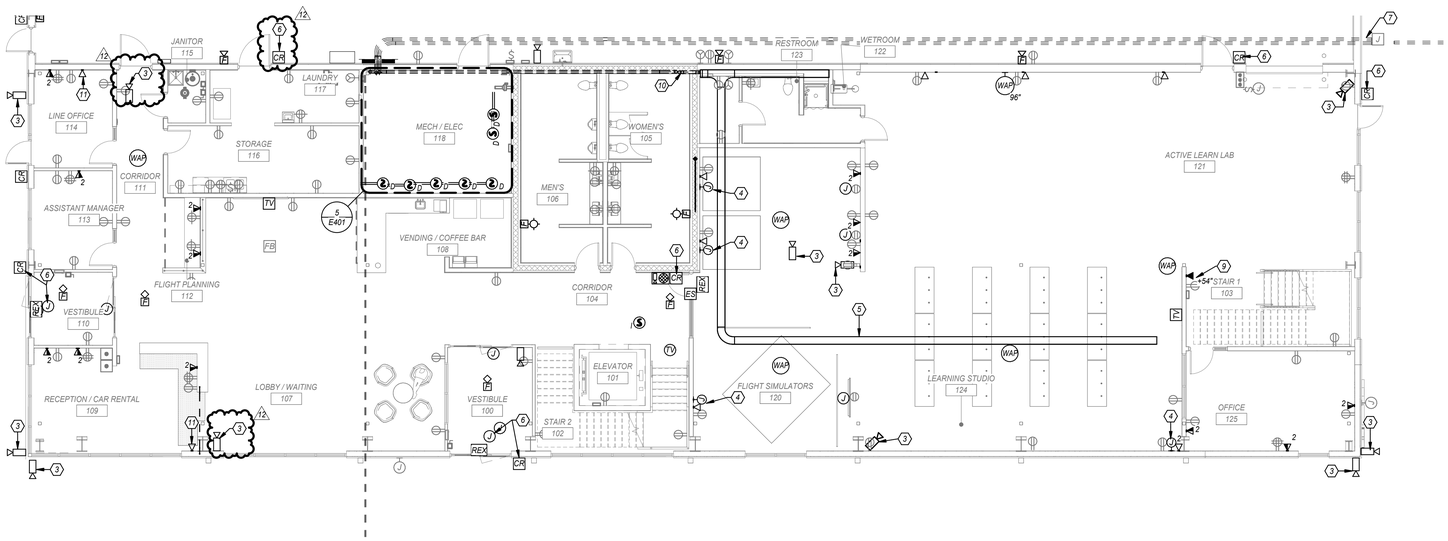
C. PROVIDE TRACER WIRE WITH PULL STRINGS.

⬡ ELECTRICAL KEYNOTES

1. PROVIDE 1-1/4" CONDUIT FROM FLOOR BOX/POKE-THRU TO TV OUTLET LOCATION FOR DATA AND AV CABLING.
2. 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.
3. 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.
4. PROVIDE BOX WITH 1-1/4" CONDUIT WITH TWO (2) HDMI CABLES TO CEILING MOUNTED TV FOR HDMI CONNECTION. COORDINATE WITH OWNER AND ARCHITECT FOR ALL REQUIREMENTS PRIOR TO INSTALLATION. PROVIDE HDMI TERMINATIONS/PLATES AND ALL REQUIRED DEVICES FOR A COMPLETE SYSTEM. CIELING DEVICES SHALL BE MOUNTED ABOVE, AT THE STRUCTURE OR CIELING.
5. 2"X12" WIRE MESH CABLE TRAY ABOVE ACCESSIBLE CEILING.
6. PROVIDE POWER ROUGH IN FOR CARD READER. REFER TO ACCESS CONTROL DETAIL FOR ADDITIONAL INFORMATION.
7. (2)-4" 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.
8. 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 9166 SERIES WITH BRACKET AND ARM. REFER TO MANUFACTURER FOR MOUNTING REQUIREMENTS. PROVIDE BLOCKING AS REQUIRED. COORDINATE EXACT LOCATION WITH ONWER AND ARCHITECT.
9. PROVIDE DOUBLE GANGE BACK BOX WITH 4" LUG SPACING MATCHING PHONE HARDWARE. REFER TO PHONE MANUFACTURER FOR EXACT MOUNTING REQUIREMENTS. PHONE OWNER SUPPLIED, CONTRACTOR INSTALLED. COORDINATE LOCATION WITH OWNER AND ARCHITECT.
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. ROUTE (1)-1" EMPTY CONDUIT WITH PULL STRINGS TO ROOF FOR COAX CABLING TO ANTENNA. PROVIDE COAX OUTLET WHERE SHOWN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER.
12. MOUNT SINGLE BOX AT +35'-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.



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



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

CMT
1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

WELLNER ARCHITECTS, INC
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

STATE OF MISSOURI
TIMOTHY DANNER
NUMBER PE-2019031265
PROFESSIONAL ENGINEER

03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/4/25	PR 10
11	4/2/25	PR 09
6	11/8/24	PR-07

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

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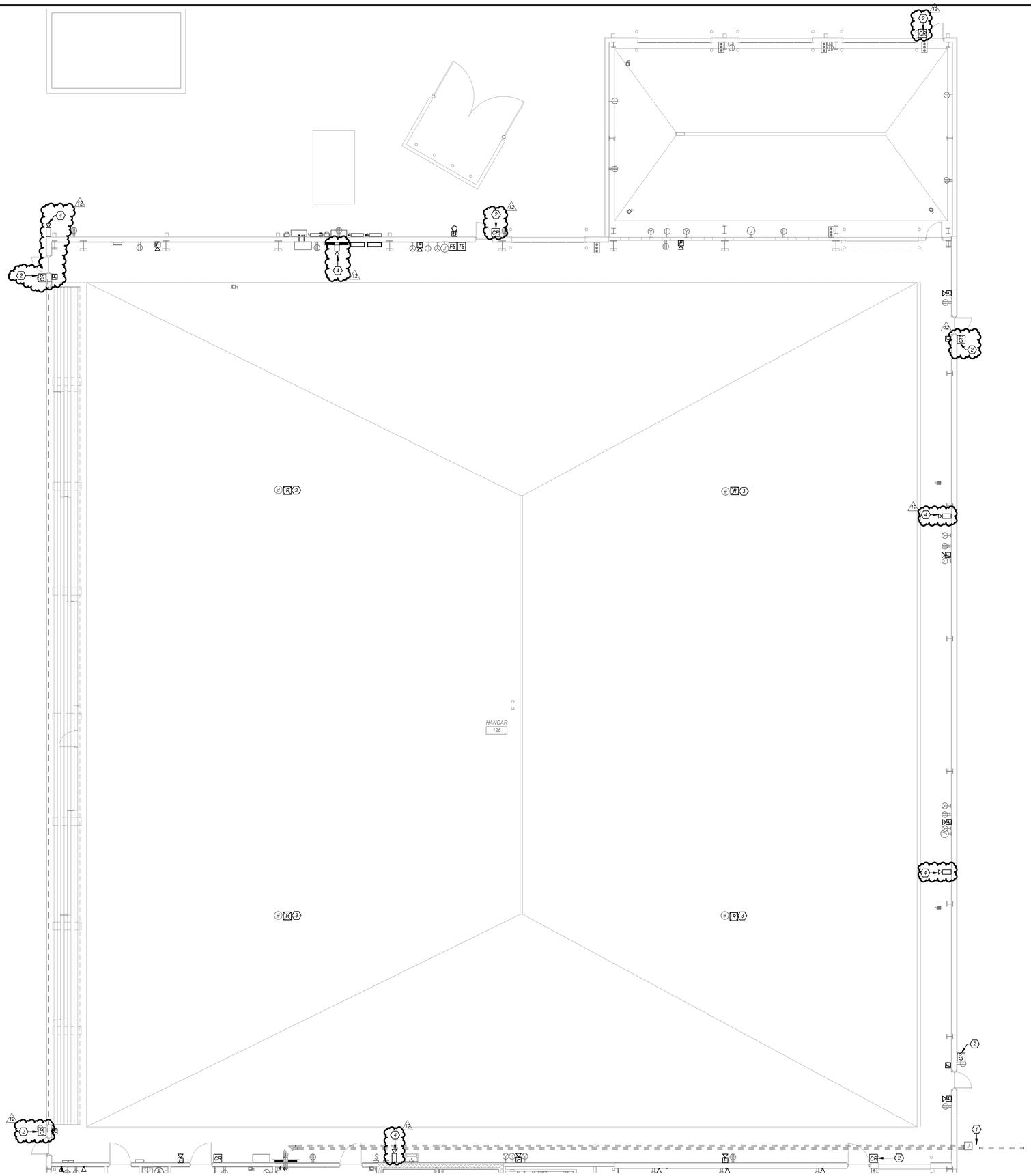
SHEET TITLE
SYSTEMS FLOOR PLANS

E301
SHEET OF

4/4/2025 11:59:31 AM



ELECTRICAL KEYNOTES

1. (2)-4" 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.
2. PROVIDE POWER ROUGH IN FOR CARD READER. REFER TO ACCESS CONTROL DETAIL FOR ADDITIONAL INFORMATION.
3. PROVIDE FAN SHUT DOWN RELAY TO SHUT FAN DOWN UPON ACTIVATION OF FIRE ALARM SYSTEM.
4. 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.

SYSTEMS HANGAR PLAN (1)
1/8" = 1'-0"

CMT
1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

WELLNER ARCHITECTS, INC
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

STATE OF MISSOURI
TIMOTHY DANNER
NUMBER PE-2010031265
PROFESSIONAL ENGINEER

03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/1/25	PR 10

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

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SHEET TITLE
SYSTEMS HANGAR PLAN

E302
SHEET OF

4/2/2025 8:15:21 AM

PANEL HP2-2
VOLTAGE 480Y/277V Wye
MCB OR MLO MLO
FED FROM MDP-2

PHASE 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
	PARKING LOT LIGHTING	20 A	1	1	320	468					2	1	20 A	EXTERIOR LIGHTING	
	LTG HANGER SOUTH	20 A	1	3			4940	0			4	1	20 A	SPARE	
	LTG RR 105/106	20 A	1	5					436	589	6	1	20 A	LTG MECH/STORAGE BK RM	
	PILOT LOUNGE LIGHTING	20 A	1	7	524	872					8	1	20 A	LTG 2nd FLR CORRIDOR/OFFICES	
	SPARE	20 A	1	9			0	0			10	1	20 A	SPARE	
	OPEN OFFICE/CONFERENCE - 205...	20 A	1	11					1791	757	12	1	20 A	LI-2	
	LTG OFFICES AND CORRIDOR	20 A	1	13	1034	943					14	3	20 A	VACUUM PUMP 2	
	GPU RECEPT	100 A	3	15			26050	943			16	--	--	--	--
--	--	--	--	17					26050	943	18	--	--	--	--
--	--	--	--	19	26050	26050					20	3	100 A	GPU RECEPT	
	GPU RECEPT - EXTERIOR	60 A	3	21			13302	26050			22	--	--	--	--
--	--	--	--	23					13302	26050	24	--	--	--	--
--	--	--	--	25	13302	3650					26	1	20 A	DEICER	GFPE
GFPE	DEICER	20 A	1	27			3650	3650			28	1	20 A	DEICER	GFPE
GFPE	DEICER	20 A	1	29					3650	3650	30	1	20 A	DEICER	GFPE
GFPE	DEICER	20 A	1	31	3650	3650					32	1	20 A	DEICER	GFPE
GFPE	DEICER	20 A	1	33			3650	0			34	1	20 A	SPARE	
	HANGER DOOR	30 A	3	35					3878	0	36	1	20 A	SPARE	
--	--	--	--	37	3878	0					38	3	30 A	SPD	
--	--	--	--	39			3878	0			40	--	--	--	--
	SPARE	20 A	1	41					0	0	42	--	--	--	--
					KVA 85.73...		KVA 86.113		KVA 81.09...						
					AMPS 312		AMPS 313		AMPS 293						

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	3650 VA	100.00%	3650 VA
Lighting	12752 VA	125.00%	15940 VA
Motor	2829 VA	125.00%	3536 VA
Non Concurrent	11634 VA	100.00%	11634 VA
Other	25870 VA	100.00%	25870 VA
Receptacle	196206 VA	52.55%	103103 VA

CONNECTED LOAD: 252.9... 304
MAXIMUM DEMAND: 163.7... 197

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

Distribution: DP-2

MAINS TYPE: MCB
OCPD RATING: 350A
AIC RATING: 10K
SERVICE VOLTAGE: 208Y/120V 3PH, 3-Phase, 4-Wire
LOCATION: HANGAR 126
MOUNTING: SURFACE
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	7538.3	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	48.2 kVA	36.8 kVA	
		Total Amps:	317.0 A	403.0 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:	122.9 kVA
HVAC_Heating	6000 VA	100.00%	6000 VA	Total Conn. Current:	341.0 A
Lighting	360 VA	125.00%	450 VA	Total Est. Demand:	84.36 kVA
Motor	1700 VA	122.06%	2075 VA	Total Est. Demand...	234.2 A
Other	8110 VA	100.00%	8110 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 Deman...	

Distribution: MDP-2

MAINS TYPE: MLO
OCPD RATING: 600A
AIC RATING: 42K
SERVICE VOLTAGE: 480Y/277V Wye, 3-Phase, 4-Wire
LOCATION: HANGER 126
MOUNTING: SURFACE
FED FROM ID:

NOTES:

LOAD DESCRIPTION	CKT NO.	P	A	B	C	NOTES
SPD	1	1	--			REFER TO ONE-LINE
ELEVATOR	2	3	5321.0	5321.0	5321.0	REFER TO ONE-LINE
HP2-1	3	3	65814.7	68150.7	63970.7	REFER TO ONE-LINE
HP2-2	4	3	86113.0	81096.5	85731.5	REFER TO ONE-LINE
DP2 VIA TF2	5	3	37877.4	48190.7	36791.7	REFER TO ONE-LINE
SPARE	6	1	0.0			REFER TO ONE-LINE
		Total Load:	195.1...	202.8...	191.8...	
		Total Amps:	706.3 A	733.8 A	692.5 A	

Load Classification	Connected...	Demand...	Estimated...	Panel Totals	
Appliance - Dwelling Unit	44 VA	100.00%	44 VA		
HVAC	22164 VA	100.00%	22164 VA	Total Conn. Load:	589.7 kVA
HVAC_Cooling	41103 VA	100.00%	41103 VA	Total Conn. Current:	709.3 A
HVAC_Heating	6000 VA	100.00%	6000 VA	Total Est. Demand:	402.38 kVA
Lighting	19136 VA	125.00%	23920 VA	Total Est. Demand...	484.0 A
Motor	40111 VA	109.95%	44102 VA	Future Load Growth:	
Non Concurrent	23268 VA	100.00%	23268 VA	Min. Panel Rating...	
Other	33980 VA	100.00%	33980 VA	Adjusted Demand...	
Power	1712 VA	100.00%	1712 VA	Total Adjusted Deman...	
Receptacle	402182 VA	51.24%	206091 VA		

PANEL LP2-1
VOLTAGE 208Y/120V 3PH
MCB OR MLO MLO
FED FROM DP-2

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
HLO	FIRE ALARM CONTROL PANEL	20 A	1	1	0	200					2	1	20 A	ELEVATOR CAB LIGHITING	
	EXTERIOR SIGN LIGHTING	20 A	1	3			360	720			4	1	20 A	RECEPT: JANOTOR/STORAGE- 115/116	
	RECEPT: MECH/ELEC - 222	20 A	1	5					540	850	6	1	15 A	GF-2	
	RECEPT: VENDING ROOM - 108	20 A	1	7	540	1000					8	1	20 A	RECEPT DISHWASHER	
	RECEPT DISPOSAL	20 A	1	9			1000	1080			10	1	20 A	RECEPT: RM - 114	
	RECEPT: LOBBY/VESTUBULE - 100	20 A	1	11					1080	1500	12	1	20 A	GF-5	
	GF-3	15 A	1	13	1115	1260					14	1	20 A	RECEPT: CORRIDOR/LOBBY	
	GF-4	15 A	1	15			1115	1080			16	1	20 A	RECEPT: RESTROOM - 105/106	
	UHE-2	20 A	2	17					1500	180	18	1	20 A	RECEPT M ICROWAVE	
--	--	--	--	19	1500	1500					20	2	20 A	UHE-1	
	GF-1	20 A	1	21			1500	1500			22	--	--		--
	RECEPT: RM - 113	20 A	1	23					900	1000	24	1	20 A	TV LOBBY/WAITING	
	LOBBY FLOOR BOX	20 A	1	25	180	900					26	1	20 A	RECEPT: BREAKROOM -116	
	RECEPT - CASEWORK	20 A	1	27			180	900			28	1	20 A	RECEPT: RECECPTION - 109	
	RECEPT: RECECPTION PRINTER	20 A	1	29					1000	1000	30	1	20 A	RECEPT-REFRIGERATOR	
	RECEPT: VENDING MACHINE 1 - 108	20 A	1	31	1000	1000					32	1	20 A	RECEPT: MIN REFRIGERATOR-	
	RECEPT: VENDING MACHINE 2 - 108	20 A	1	33			1000	1000			34	1	20 A	RECEPT DISPOSAL	
	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 10.195		KVA 11.435		KVA 9.55						
					AMPS 86		AMPS 96		AMPS 80						

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	4580 VA	100.00%	4580 VA
HVAC_Heating	6000 VA	100.00%	6000 VA
Lighting	360 VA	125.00%	450 VA
Motor	1500 VA	125.00%	1875 VA
Other	180 VA	100.00%	180 VA
Power	200 VA	100.00%	200 VA
Receptacle	18360 VA	77.23%	14180 VA

CONNECTED LOAD: 31.18 87
MAXIMUM DEMAND: 27.465 76

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

PANEL HP2-1
VOLTAGE 480Y/277V Wye
MCB OR MLO MLO
FED FROM MDP-2

PHASE 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	
	LTG HANGER NORTH	20 A	1	3			4180	943			4	3	20 A	VACUUM PUMP 1	
	CU-1a	25 A	3	5					4567	943	6	--	--	--	
--	--	--	--	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	--			16	1	--	SPACE	12
12	SPACE	--	--	17					--	--	18	1	--	SPACE	
	SPACE	--	--	19	--	--					20	1	--	SPACE	
	SPACE	--	--	21			--	--			22	1	--	SPACE	
	EF-2	30 A	3	23					6097	--	24	1	--	SPACE	
--	--	--	--	25	6097	--					26	1	--	SPACE	
--	--	--	--	27			6097	13302			28	3	60 A	GPU RECEPT	
	HANGER DOOR	30 A	3	29					3878	13302	30	--	--	--	--
--	--	--	--	31	3878	13302					32	--	--	--	--
--	--	--	--	33			3878	26050			34	3	100 A	GPU RECEPT	
	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 65.81...		KVA 68.15...		KVA 63.97...						
					AMPS 239		AMPS 247		AMPS 231						

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC_Cooling	27402 VA	100.00%	27402 VA
Lighting	6024 VA	125.00%	7530 VA
Motor	34820 VA	109.84%	38245 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: 197.936 238
MAXIMUM DEMAND: 148.8... 179

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

PANEL LP2-2
VOLTAGE 208Y/120V 3PH
MCB OR MLO MLO
FED FROM DP-2

PHASE BUS RATING 225 A
AIC RATING 10K

LOCATION I.T. CLOSET / MECH / ELEC...
MOUNTING SURFACE
NO. OF POLES 42

NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A		B		C		CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE
GFCI	RECEPT: 2nd FLR DRINK FOUNTAIN	20 A	1	1	360	540					2	1	20 A	RECEPT IT/MECH/ELEC - 215	
	RECEPT: BRK RM - 214	20 A	1	3			720	360			4	1	0 A	RECEPT - IT QUAD	
	RECEPT: PILOT LOUNGE - 216	20 A	1	5					900	1000	6	1	20 A	RECEPT: WORKROOM PRINTER	
	DF-1	20 A	2	7	0	0					8	2	20 A	DF-2	
--	--	--	--	9			0	0			10	--	--	--	--
	RECEPT: RESTROOM - 208/210	20 A	1	11					360	540	12	1	20 A	RECEPT: RM 211	
	RECEPT: ELEVATOR PIT	20 A	1	13	360	540					14	1	20 A	RECEPT: WORKROOM - 213	
	RECEPT: PILOT QUIET RM - 217	20 A	1	15			360	900			16	1	20 A	RECEPT: CONFERENCE - 205	
	TV STAIR 2 - 202	20 A	1	17					1000	1000	18	1	20 A	RECEPT: REFRIGERATOR BRK RM -...	
	TV CONFERENCE - 205	20 A	1	19	1000	1000					20	1	20 A	RECEPT: DISPOSAL BRK RM - 214	
	TV OPEN OFFICE	20 A	1	21			1000	1000			22	1	20 A	RECEPT: MICROWAVE BRK RM - 214	
	RECEPT: RM 212	20 A	1	23					1080	1033	24	3	15 A	ERV-1	
	RECEPT: CORRIDOR - 207	20 A	1	25	1080	1033					26	--	--	--	--
	RECEPT: OBSERVATION DECK - 206	20 A	1	27			1080	1033			28	--	--	--	--
	RECEPT - IT QUAD	20 A	1	29					360	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	
	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 5.913...		KVA 6.453...		KVA 7.273...						
					AMPS 49		AMPS 54		AMPS 61						

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	3100 VA	100.00%	3100 VA
Motor	0 VA	0.00%	0 VA
Other	1360 VA	100.00%	1360 VA
Power	0 VA	0.00%	0 VA
Receptacle	15180 VA	82.94%	12590 VA

CONNECTED LOAD: 19.64 55
MAXIMUM DEMAND: 17.05 47

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

PANEL LP2-3
VOLTAGE 208Y/120V 3PH
MCB OR MLO MLO
FED FROM DP-2

PHASE BUS RATING 225 A
AIC RATING 10K

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
	RP-1	20 A	1	1	44	90					2	1	20 A	DEF-1	
	RECEPT: INFRARED HEATERS	20 A	1	3			1440	200			4	1	20 A	WEST HANGER SIGN LTG	
	DAMPER	20 A	1	5					50	360	6	1	20 A	RECEPT- WATER FOUNTAIN - 108	GFCI
	GWH-1	20 A	1	7	180	1080					8	1	20 A	HANGER RECEPT	
	EAST HANGER SIGN LTG	20 A	1	9			200	720			10	1	20 A	SLIDING DOORS	12
	RECEPT: WASHER - 116	20 A	1	11					1000	90	12	2	20 A	SLIDING GATE 2	
	SLIDING GATE 1	20 A	2	13	90	90					14	--	--	--	--
--	--	--	--	15			90	2000			16	2	30 A	HANGER RECEPT	
	HVAC	0 A	1	17					180	2000	18	--	--	--	--
	HANGER RECEPT	30 A	2	19	2000	888					20	3	20 A	EF-3	
--	--	--	--	21			2000	888			22	--	--	--	--
	RECEPT DRYER	20 A	2	23					2000	888	24	--	--	--	--
--	--	--	--	25	2000	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	
	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 6.462...		KVA 7.538...		KVA 6.568...						
					AMPS 54		AMPS 63		AMPS 55						

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
Appliance - Dwelling...	44 VA	100.00%	44 VA
HVAC	180 VA	100.00%	180 VA
Motor	1383 VA	124.10%	1716 VA
Other	1570 VA	100.00%	1570 VA
Power	1512 VA	100.00%	1512 VA
Receptacle	15880 VA	81.49%	12940 VA

CONNECTED LOAD: 20.56... 57
MAXIMUM DEMAND: 17.96... 50

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

CMT
1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

WELLNER ARCHITECTS, INC
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

STATE OF MISSOURI
TIMOTHY DANNER
NUMBER PE-2010031265
PROFESSIONAL ENGINEER

03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
12	4/4/25	PR 10
4	11/8/24	PR-07
5	8/7/24	PR-06

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
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SHEET TITLE
ELECTRICAL SCHEDULES

E702
SHEET OF

4/4/2025 11:59:33 AM

Distribution: DP-1

MAINS TYPE: MCB
OCPD RATING: 350A
AIC RATING: 10K
SERVICE VOLTAGE: 208Y/120V 3PH, 3-Phase, 4-Wire
LOCATION: MECH / ELEC 118
MOUNTING: SURFACE
FED FROM ID: TF1

NOTES:

LOAD DESCRIPTION	CKT NO.	P	A	B	C	NOTES
SPD	1	1	--			REFER TO ONE-LINE
LP1-1	2	3	7529.7	3020.0	6940.0	REFER TO ONE-LINE
LP1-2	3	3	5622.5	4965.0	6936.5	REFER TO ONE-LINE
SPARE	4	1	0.0			REFER TO ONE-LINE
	5					
	6					
Total Load:			13.2 kVA	8.0 kVA	13.9 kVA	
Total Amps:			116.2 A	66.5 A	122.3 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:	35.0 kVA
Other	1450 VA	100.00%	1450 VA	Total Conn. Current:	97.2 A
Power	1127 VA	100.00%	1127 VA	Total Est. Demand:	30.39 kVA
Receptacle	20000 VA	75.00%	15000 VA	Total Est. Demand...	84.4 A
				Future Load Growth:	
				Min. Panel Rating...	
				Adjusted Demand...	
				Total Adjusted Deman...	

Distribution: MDP-1

MAINS TYPE: MLO
OCPD RATING: 400A
AIC RATING: 42K
SERVICE VOLTAGE: 480Y/277V Wye, 3-Phase, 4-Wire
LOCATION: HANGAR 126
MOUNTING:
FED FROM ID:

NOTES:

LOAD DESCRIPTION	CKT NO.	P	A	B	C	NOTES
SPD	1	1	--			REFER TO ONE-LINE
HP1-1	2	3	17526.0	15617.0	14876.0	REFER TO ONE-LINE
DP1 VIA TF-1	3	3	13152.2	7985.0	13876.5	REFER TO ONE-LINE
SPARE	4	1	0.0			REFER TO ONE-LINE
	5					
	6					
Total Load:			30.7 kVA	23.6 kVA	28.8 kVA	
Total Amps:			113.6 A	85.2 A	106.7 A	

Load Classification	Connected...	Demand...	Estimated...	Panel Totals	
HVAC	11087 VA	100.00%	11087 VA		
HVAC_Cooling	27402 VA	100.00%	27402 VA	Total Conn. Load:	83.0 kVA
Lighting	3391 VA	125.00%	4239 VA	Total Conn. Current:	99.9 A
Motor	18576 VA	123.18%	22883 VA	Total Est. Demand:	83.19 kVA
Other	1450 VA	100.00%	1450 VA	Total Est. Demand...	100.1 A
Power	1127 VA	100.00%	1127 VA	Future Load Growth:	
Receptacle	20000 VA	75.00%	15000 VA	Min. Panel Rating...	
				Adjusted Demand...	
				Total Adjusted Deman...	

PANEL LP1-1

VOLTAGE 208Y/120V 3PH
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					1180	720	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			360	180			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	360	18	1	20 A	RECEPT: RM - 121	
--	--	--	--	19	2000	0					20	1	20 A	SPARE	
	RECEPT: REELS 5	20 A	1	21			180	180			22	1	20 A	RECEPT: TV	
				23						180	24	1	20 A	RECEPT: TV	
	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	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	
	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	7.529...	KVA	3.02	KVA	6.94					
					AMPS	68	AMPS	25	AMPS	63					

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	1860 VA	100.00%	1860 VA
Motor	2500 VA	115.00%	2875 VA
Other	1090 VA	100.00%	1090 VA
Receptacle	12040 VA	91.53%	11020 VA

CONNECTED LOAD: 17.48... 49
MAXIMUM DEMAND: 16.84... 47

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
CZ# - CONTROL ZONE NUMBER FOR REMOTE CONTROL
BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

PANEL HP1-1

VOLTAGE 480Y/277V Wye
MCB OR MLO MLO
FED FROM MDP-1
PHASE BUS RATING 225 A
AIC RATING 30K
LOCATION I.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
	LTG:- FLITE SIMULATORS	20 A	1	1	1340	228					2	1	20 A	LTG: LEARN LAB	
12	[illegible]	[illegible]	[illegible]	3			741	0			4	1	20 A	SPARE	
	CU-2a	35 A	3	5					5742	0	6	1	20 A	SPARE	12
	--	--	--	7	5742	4567					8	3	25 A	CU-2b	
	--	--	--	9			5742	4567			10	--	--	--	--
	CU-2c	25 A	3	11					4567	4567	12	--	--	--	--
	--	--	--	13	4567	0					14	1	20 A	SPARE	
	--	--	--	15			4567	0			16	1	20 A	SPARE	
	SPARE	20 A	1	17					0	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	0	24	1	20 A	SPARE	
					KVA	17.526	KVA	15.617	KVA	14.876					
					AMPS	64	AMPS	57	AMPS	54					

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC_Cooling	27402 VA	100.00%	27402 VA
Lighting	3391 VA	125.00%	4239 VA
Motor	17226 VA	125.00%	21533 VA
Other	0 VA	0.00%	0 VA

CONNECTED LOAD: 48.019 58
MAXIMUM DEMAND: 53.17... 64

NOTES:
AFCI - ARC FAULT CIRCUIT INTERRUPTION TYPE CIRCUIT BREAKER
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BMS# - ROUTE CIRCUIT THROUGH BUILDING 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...

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 126
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 RECEPT	
	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			500	500			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					38	1	20 A	SPARE	
--	--	--	--	39			0	0			40	1	20 A	SPARE	
--	--	--	--	41					0	0	42	1	20 A	SPARE	
					KVA	14.767	KVA	21.944	KVA	14.76					
					AMPS	123	AMPS	183	AMPS	123					

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	6488 VA	100.00%	6488 VA
Motor	1483 VA	122.47%	1816 VA
Other	5000 VA	100.00%	5000 VA
Receptacle	38500 VA	62.99%	24250 VA

CONNECTED LOAD: 51.471 143
MAXIMUM DEMAND: 37.55... 104

NOTES:
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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...

PANEL LP1-2

VOLTAGE 208Y/120V 3PH
MCB OR MLO MLO
FED FROM DP-1
PHASE BUS RATING 225 A
AIC RATING 10K
LOCATION I.T. CLOSET / MECH / 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	1180	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			180	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	5.6225	KVA	4.965	KVA	5.9365					
					AMPS	48	AMPS	41	AMPS	59					

LOAD CLASSIFICATIONS	CONNECTED (VA)	DEMAND FACTOR	DEMAND (VA)
HVAC	6227 VA	100.00%	6227 VA
Motor	1850 VA	120.27%	2225 VA
Other	360 VA	100.00%	360 VA
Power	1127 VA	100.00%	1127 VA
Receptacle	7960 VA	100.00%	7960 VA

CONNECTED LOAD: 17.524 49
MAXIMUM DEMAND: 17.899 50

NOTES:
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LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

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TIMOTHY DANNER
NUMBER PE-2019031265
PROFESSIONAL ENGINEER
03-29-2024

LEES SUMMIT MUNICIPAL AIRPORT AUTHORITY
LEES SUMMIT, MO

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