

ELECTRICAL DIAGRAMS

SYMBOL	DESCRIPTIONS
	AUTOMATIC TRANSFER DEVICE
	METERING DEVICES: A--AMMETER, V--VOLTMETER, PF--POWER FACTOR, HZ--FREQUENCY METER
	DIGITAL METER
	FUSE, FUSE SIZE AS INDICATED (50A)
	GROUND CONNECTION
	TRANSFORMER (DELTA -- RESISTANCE GROUNDING WYE SHOWN)
	WIRING INSIDE ENCLOSURE
	FIELD WIRING
	FIELD WIRING

LIGHTING SYMBOLS

SYMBOL	DESCRIPTIONS	MH (UON)
	SINGLE POLE TOGGLE SWITCH	48" TOD
	SWITCH -- SUBLETTER INDICATES FIXTURES CONTROLLED	48" TOD
	DOUBLE POLE TOGGLE SWITCH	48" TOD
	THREE-WAY TOGGLE SWITCH (SPDT)	48" TOD
	FOUR-WAY TOGGLE SWITCH (DPDT)	48" TOD
	KEY OPERATED SWITCH	48" TOD
	THREE WAY DIMMER SWITCH CONTROLLING FIXTURES INDICATED WITH LOWERCASE G.	48" TOD
	MANUAL STARTER WITH OVERLOADS	48" TOD
	SWITCH WITH PILOT LIGHT	48" TOD
	DIMMER SWITCH	48" TOD
	LOW VOLTAGE CONTROL SWITCH	48" TOD
	WALL MOUNTED OCCUPANCY SENSOR	48" TOD
	MANUAL TIME SWITCH	48" TOD
	CEILING MOUNTING, DAYLIGHT SENSOR	
	DUAL TECHNOLOGY OCCUPANCY SENSOR--"U" INDICATES ULTRASONIC TECHNOLOGY	
	DUAL TECHNOLOGY OCCUPANCY SENSOR--"U" INDICATES ULTRASONIC TECHNOLOGY	
	VACANCY SENSOR, INTRA--RED TECHNOLOGY	
	TIME CLOCK	
	RELAY	
	LIGHTING CONTACTOR	
	PHOTOCELL OR PUSHPLATE SWITCH	
	EMERGENCY TRANSFER RELAY CONTROL DEVICE	
	FLUORESCENT LIGHTING FIXTURE -- RECESSED, SURFACE, OR PENDANT MOUNTED, TYPE AS SPECIFIED	
	FLUORESCENT LIGHTING FIXTURE -- 2 BALLAST	
	FLUORESCENT INDUSTRIAL LIGHTING FIXTURE	
	FLUORESCENT LIGHTING FIXTURE -- WALL MOUNTED, TYPE AS SPECIFIED	
	LIGHTING FIXTURE -- RECESSED, SURFACE, OR PENDANT MOUNTED	
	LIGHTING FIXTURE -- WALL MOUNTED TYPE AS SPECIFIED	
	WALL WASHER	
	ADJUSTABLE WALL WASHER	
	LIGHTING FIXTURE ON EMERGENCY CIRCUIT	
	NIGHT LIGHT-- LIGHTING FIXTURE WIRED TO SOURCE AHEAD OF ANY SWITCHING	
	EMERGENCY BATTERY PACK WITH NUMBER OF HEADS INDICATED	
	EMERGENCY BATTERY PACK WITH REMOTE HEADS	
	REMOTE EMERGENCY HEAD	
	EMERGENCY BATTERY PACK -- SEMI RECESSED, CEILING MOUNT	
	EXIT SIGN -- CEILING OR PENDANT MOUNTED (SHADED PORTION INDICATES FACE)	
	EXIT SIGN -- WALL MOUNTED -- END, BACK	
	EXIT SIGN WITH DIRECTIONAL ARROWS	
	POLE MOUNTED LIGHTING FIXTURE -- SINGLE, DOUBLE HEAD	
	POLE MOUNTED LIGHTING FIXTURE-- SINGLE, POLE TOP	
	LIGHTING POLE (SPORTS)	

POWER SYMBOLS

SYMBOL	DESCRIPTIONS	MH (UON)
	CHARGING STATION	TOD 48" AFF
	COMBINATION SWITCH AND DUPLEX RECEPTACLE	TOD 48" AFF
	SIMPLEX RECEPTACLE	CTR 18" AFF
	DUPLEX RECEPTACLE, "E" (IF SHOWN) INDICATES CONNECTED TO EMERGENCY CIRCUIT.	CTR 18" AFF
	DUPLEX RECEPTACLE, FLOOR MOUNTED	
	DOUBLE DUPLEX RECEPTACLE, FLOOR MOUNTED "D" (IF SHOWN) INDICATES POWER AND DATA IN BOX.	
	DUPLEX RECEPTACLE, SPLIT WIRED -- TOP HALF SWITCHED	CTR 18" AFF
	DUPLEX RECEPTACLE, CEILING MOUNTED	
	PEDESTAL TYPE DUPLEX RECEPTACLE	
	SPECIAL RECEPTACLE: 30A, 1P, 3W, 125V, NEMA L5--30R	CTR 18" AFF
	SPECIAL RECEPTACLE: 50A, 2P, 3W, 250V, NEMA L6--50R	CTR 18" AFF
	SPECIAL RECEPTACLE: 20A, 3P, 4W, 208/120V NEMA 14--20	CTR 18" AFF
	SPECIAL RECEPTACLE: 30A, 3P, 4W, 208V NEMA 15--30	CTR 18" AFF
	SPECIAL RECEPTACLE: FLOOR--BOX MOUNTED, 30A, 1P, 3W, 125V, NEMA L5--30R	
	SPECIAL RECEPTACLE: FLOOR--BOX MOUNTED, 50A, 2P, 3W, 250V, NEMA L6--50R	
	PEDESTAL TYPE SPECIAL RECEPTACLE, NEMA 6--20R	
	DUPLEX RECEPTACLE	CTR 18" AFF
	RECEPTACLE MOUNTED 6" ABOVE BACK SPLASH OR COUNTER	
	GROUND FAULT INTERRUPTER TYPE RECEPTACLE	BOD 18" AFF
	RECEPTACLE OUTLET MOUNTED HIGH	CTR 84" AFF
	ISOLATED GROUND RECEPTACLE	BOD 18" AFF
	DUPLEX RECEPTACLE AT 54" AFF	CTR 54" AFF
	DUPLEX RECEPTACLE FOR PAY PHONE	CTR 54" AFF
	DUPLEX RECEPTACLE FOR CART RECHARGE	CTR 36" AFF
	SIMPLEX RECEPTACLE FOR CART RECHARGE	CTR 36" AFF
	TELEVISION RECEPTACLE	CTR 72" BFC
	TELEVISION RECEPTACLE	CTR 18" BFC
	CLOCK HANGER OUTLET	CTR 84" AFF
	PROGRAM CLOCK OUTLET -- SINGLE FACE, DOUBLE FACE	CTR 84" AFF
	EMERGENCY POWER OFF SWITCH	TOD 48" AFF
	JUNCTION BOX	
	EQUIPMENT CONNECTION -- SEE EQUIPMENT SCHED. ON SHEET E7.01	
	HEATER CONNECTION -- NUMBER INDICATES KILOWATTS (3KW)	
	HEATER FAN -- CEILING MOUNTED	
	ENCLOSED CIRCUIT BREAKER	
	NON--FUSED DISCONNECT SWITCH, 30A, 3P (UNLESS OTHERWISE NOTED)	
	FUSED DISCONNECT SWITCH -- FUSE SIZE AS INDICATED (40A)	
	MAGNETIC MOTOR STARTER	
	COMBINATION MAGNETIC MOTOR STARTER, ABBREVIATION INDICATES TYPE: FVNR, FVR, RVAT, 251W, 252W, SST	
	VARIABLE FREQUENCY CONTROLLER W/FUSED DISCONNECT SWITCH	
	MOTOR -- NUMERALS (IF SHOWN) INDICATE HP	
	GENERATOR -- NUMERALS (IF SHOWN) INDICATE KW	
	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS	
	CONTROL PANEL -- TYPE AS INDICATED	
	MOMENTARY CONTACT START--STOP PUSH BUTTON STATION	
	MAINTAINED CONTACT START--STOP PUSHBUTTON STATION	
	MAINTAINED CONTACT EMERGENCY STOP PUSHBUTTON STATION	
	PANELBOARD	
	DISTRIBUTION PANELBOARD	
	TRANSFORMER	
	RACEWAY "UP" OR "TOWARDS"	
	RACEWAY "DOWN" OR "AWAY"	
	CIRCUIT CONCEALED IN WALLS OR CEILING SPACE. CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)	
	RACEWAY CONCEALED IN SLAB OR BELOW GRADE. BRANCH CIRCUIT HOMERUN TO PANELBOARD. QUANTITY OF CIRCUITS INDICATED BY ARROWS (NUMBER OF CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)	
	RACEWAY RUN EXPOSED. CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED)	
	BUS DUCT OR CABLE TRAY UP OR TOWARDS	
	BUS DUCT OR CABLE TRAY DOWN OR AWAY	
	BUS DUCT, TYPE & SIZE AS INDICATED	
	TELEPHONE AND POWER POLE ASSEMBLY	
	CONCRETE ENCASED DUCTBANK BELOW GRADE	
	SURFACE MOUNTED RACEWAY ASSEMBLY WITH REMOVABLE COVER. MINIMUM WIRING SHALL BE 2#12,1#12G. MULTI OUTLET ASSEMBLY -- DARK SQUARES INDICATE PREWIRED RECEPTACLE LOCATIONS. SIZE AS INDICATED.	
	MULTI--OUTLET ASSEMBLY WITH RECEPTACLES LOCATED WHERE INDICATED	
	2 CELL MULTI--OUTLET ASSEMBLY WITH COMMUNICATION DEVICES AND POWER RECEPTACLES LOCATED WHERE INDICATED	
	MULTI--OUTLET ASSEMBLY WITH COMMUNICATION OUTLETS LOCATED WHERE INDICATED	
	FLEXIBLE CONDUIT	
	CABLE TRAY	
	GROUND ROD	
	LIGHTNING PROTECTION AIR TERMINAL	
	GROUND WIRE CONNECTION	
	GROUND WIRE	
	LIGHTNING PROTECTION DOWN LEAD	
	UTILITY POLE	

SPECIAL SYSTEMS SYMBOLS

SYMBOL	DESCRIPTIONS	MH (UON)
	FIRE ALARM FLASHING STROBE LIGHT -- WALL MOUNTED NUMBER INDICATES CANELARA RATING. IF NO NUMBER IS SHOWN RATING SHALL BE 15cd	GENERAL NOTE 5
	WALL MOUNTED COMBINATION FIRE ALARM SPEAKER AND FLASHING STROBE. IF NO NUMBER IS SHOWN RATING SHALL BE 15cd	GENERAL NOTE 5
	CEILING MOUNTED COMBINATION SPEAKER AND FLASHING STROBE. NUMBER INDICATES CANELARA RATING. IF NO NUMBER IS SHOWN RATING SHALL BE 15cd	
	CEILING MOUNTED FIRE ALARM SPEAKER	
	MAGNETIC DOOR HOLDER	
	REMOTE FIRE ALARM ANNUNCIATOR PANEL	
	FIRE ALARM CONTROL PANEL	
	RESCUE ASSISTANCE MASTER CONTROL PANEL	TOD 48" AFF
	FIRE ALARM TRANSPONDER	
	RESCUE ASSISTANCE REMOTE STATION	TOD 48" AFF
	DIGITAL ALARM COMMUNICATOR TRANSMITTER	
	DOOR SOLENOID, ELECTRIC STRIKE -- LOCKING DEVICE CONNECTION POINT	
	FIRE ALARM PULL STATION	TOD 48" AFF
	HEAT DETECTOR	
	SMOKE DETECTOR (PHOTOELECTRIC), AB INDICATES AUDIBLE BASE, E INDICATES ELEVATOR CONTROLS	
	SMOKE DETECTOR (IONIZATION)	
	DUCT SMOKE DETECTOR	
	FIRE ALARM SYSTEM ADDRESSABLE RELAY -- CONTROL	
	FIRE ALARM SYSTEM ADDRESSABLE RELAY -- MONITOR	
	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR REMOTE ALARM/STATUS INDICATOR LIGHTS	
	FLOW SWITCH CONNECTION	
	PRESSURE SWITCH CONNECTION	
	TAMPER SWITCH CONNECTION	
	CARD READER	TOD 48" AFF
	DURESS ALARM PUSHBUTTON (WIRED TO DURESS ALARM SYSTEM IN POLICE 6104)	BELOW COUNTER OR WORK SURFACE
	DURESS ALARM SYSTEM WITH AUDIBLE ALARM SIGNAL, LOCATION INDICATORS AND KEYED ALARM RESET	TOD 72" AFF (MAX)
	TELEPHONE OUTLET	CTR 18" AFF
	TELEPHONE OUTLET, WALL MOUNTED	CTR 54" AFF
	TELEPHONE OUTLET, FLOOR MOUNTED	
	DATA/TELEPHONE OUTLET, UNSHADED AREA = DATA, SHADED AREA = VOICE, NUMERALS INDICATE QUANTITY OF WIRED JACKS	CTR 18" AFF
	DATA/TELEPHONE OUTLET, FLOOR MOUNTED	
	TELEPHONE OUTLET -- EMERGENCY	TOD 54" AFF
	DATA OUTLET	
	TELEVISION ANTENNA OUTLET	CTR 72" AFF
	TELEVISION ANTENNA OUTLET	CTR 18" BFC
	TELEVISION SYSTEM SPLITTER -- 2 WAY, 4 WAY	
	DATA/TELEPHONE OUTLET, CEILING MOUNTED	
	ROUGH IN JUNCTION BOX FOR CCTV CAMERA	
	FLASHING ALERT INDICATOR LIGHT W/ SENSOR INTERFACE	CTR 54" AFF
	OBJECT PRESENCE SENSOR (THROUGH BEAM TYPE)	CTR 12" AFF

ELECTRICAL DRAWING

PRESENTATION

SYMBOL	DESCRIPTIONS
	REVISION NUMBER 2
	DRAWING NOTE NUMBER 2
	EQUIPMENT TAG NUMBER -- REFER TO EQUIPMENT SCHEDULE
	SECTION/ELEVATION IDENTIFICATION
	PART PLAN AND DETAIL IDENTIFICATION
	EXISTING LINE TYPE
	NEW ELECTRICAL WORK LINE TYPE
	FUTURE ELECTRICAL WORK LINE TYPE
	DEMOLITION LINE TYPE ON DEMOLITION DRAWINGS
	EQUIPMENT LOCATED OUTSIDE OF DRAWING AREA IN GENERAL DIRECTION OF ARROW HEAD

EQUIPMENT DESIGNATIONS

DESIGNATION	DESCRIPTIONS
SWGR	SWITCHGEAR
SWBD	SWITCHBOARD
PNL	PANELBOARD
MCC	MOTOR CONTROL CENTER
XFMR	TRANSFORMER

GENERAL NOTES:

- THIS IS A STANDARD SYMBOL LIST, SOME SYMBOLS MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.
- REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- PLAN & SECTION SYMBOLS MAY ALSO BE USED ON RISER DIAGRAMS.
- ON SINGLE LINE DIAGRAMS FOR 3 PHASE SYSTEMS, DEVICE QUANTITY = 3 UNLESS OTHERWISE NOTED.
- DEVICE SHALL BE MOUNTED A MINIMUM OF 80" AFF TO BOTTOM OF DEVICE LENS AND BELOW THE FINISHED CEILING OF NOT LESS THAN 6".
- UNLESS OTHERWISE NOTED ALL INTERIOR CONDUITS AND BOXES SHALL BE CONCEALED.

ELECTRICAL ABBREVIATIONS

A, AMP	-- AMPERE	KVAR	-- KILOVOLT AMPERES REACTIVE
AC	-- ALTERNATING CURRENT	KW	-- KILOWATTS
A/C	-- AIR CONDITIONING	KWH	-- KILOWATT HOUR
AFF	-- ABOVE FINISHED FLOOR	LA	-- LIGHTNING ARRESTOR
AHJ	-- AUTHORITY HAVING JURISDICTION	LC	-- LIGHTING CONTACTOR
AFG	-- ABOVE FINAL GRADE	LTG	-- LIGHTING
AHU	-- AIR HANDLING UNIT	LTNG	-- LIGHTNING
AIC	-- AMPS INTERRUPTING CAPACITY	LP	-- LIGHTING PANEL
ALT	-- ALTERNATE	LRA	-- LOCKED ROTOR AMPERES
ANN	-- ANNUNCIATOR	MATV	-- MASTER ANTENNA TELEVISION
APPROX	-- APPROXIMATELY	MCB	-- MAIN CIRCUIT BREAKER
ARCH	-- ARCHITECT	MCC	-- MOTOR CONTROL CENTER
ATC	-- AUTOMATIC TEMPERATURE CONTROL	MEH	-- METAL HALIDE
ATS	-- AUTOMATIC TRANSFER SWITCH	MH	-- MANHOLE, MOUNTING HEIGHT
AWG	-- AMERICAN WIRE GAUGE	MLO	-- MAIN LUGS ONLY
BAS	-- BUILDING AUTOMATION SYSTEM	MSP	-- MOTOR STARTER PANEL
BFC	-- BELOW FINISHED CEILING	MTD	-- MOUNTED
BFG	-- BELOW FINISHED GRADE	MV	-- MERCURY VAPOR
BLDG	-- BUILDING	NC	-- NORMALLY CLOSED
BOD	-- BOTTOM OF DEVICE	NEC	-- NATIONAL ELECTRICAL CODE
C, CND	-- CONDUIT	NFSS	-- NON--FUSED SAFETY SWITCH
CATV	-- CABLE TELEVISION	NO	-- NUMBER, NORMALLY OPEN
CB	-- CIRCUIT BREAKER	OC	-- ON CENTER
CCTV	-- CLOSED CIRCUIT TELEVISION	OFCl	-- OWNER FURNISHED, CONTRACTOR INSTALLED
CKT	-- CIRCUIT	OFOI	-- OWNER FURNISHED, OWNER INSTALLED
CL	-- CURRENT LIMITING	OH	-- OVERHEAD
CLC	-- CEILING	Ø, PH	-- PHASE
CONN	-- CONNECT	P	-- POLE
CPT	-- CONTROL POWER TRANSFORMER	PB	-- PUSHBUTTON
CT	-- CURRENT TRANSFORMER	PF	-- POWER FACTOR
CTR	-- CENTER	PFCC	-- POWER FACTOR CORRECTION CAPACITOR
CU,CO	-- COPPER	PL	-- PILOT LIGHT
CX	-- CONNECT TO EXISTING	PLC	-- PROGRAMMABLE LIGHTING CONTROL
DC	-- DIRECT CURRENT	PNL	-- PANEL
DISC	-- DISCONNECT	PP	-- POWER PANEL
DN	-- DOWN	PR	-- PAIR
DP	-- DISTRIBUTION PANEL	PT	-- POTENTIAL TRANSFORMER
DPST	-- DOUBLE POLE SINGLE THROW	PVC	-- POLYVINYL CHLORIDE
DPDT	-- DOUBLE POLE DOUBLE THROW	Pp	-- PUMP
DT	-- DOUBLE THROW	QTY	-- QUANTITY
DWG	-- DRAWING	RCS	-- REMOTE CONTROL SWITCH
E, EMERG	-- EMERGENCY	REC, RECP	-- RECEPTACLE
EA	-- EACH	REQ'D	-- REQUIRED
EC	-- ELECTRICAL CONTRACTOR	RFI	-- RADIO FREQUENCY INTERFERENCE
EF	-- EXHAUST FAN	RGS	-- RIGID GALVANIZED STEEL
EH	-- ELECTRIC HEATER	RLA	-- RUNNING LOAD AMPERES
ELEC	-- ELECTRIC	RM	-- ROOM
ELEV	-- ELEVATION	RVAT	-- REDUCED VOLTAGE AUTO TRANSFORMER
ETR	-- EXISTING TO REMAIN	RX	-- REMOVE EXISTING
EX	-- EXISTING	SC	-- SURGE CAPACITOR
EXP	-- EXPOSED	SEC	-- SECONDARY
EW	-- ELECTRIC WATER COOLER	SN, S/N	-- SOLID NEUTRAL
FR	-- FRAME	SP	-- SURGE PROTECTION
FA	-- FIRE ALARM	SPDT	-- SINGLE POLE DOUBLE THROW
FABP	-- FIRE ALARM BOOSTER PANEL	SS	-- SAFETY SWITCH
FAAP	-- FIRE ALARM ANNUNCIATOR PANEL	SST	-- SOLID STATE
FACP	-- FIRE ALARM CONTROL PANEL	ST	-- SINGLE THROW
FBO	-- FURNISHED BY OTHERS	SW	-- SWITCH
FC	-- FAN COIL	SWBD	-- SWITCHBOARD
FDR	-- FEEDER	T	-- TAMPER RESISTANT
FLA	-- FULL LOAD AMPERES	TBR	-- TO BE REMOVED
FLR	-- FLOOR	TC	-- TIME CLOCK
FU	-- FUSED AND FUSIBLE	TEL, TELE	-- TELEPHONE
FUSS	-- FUSED SAFETY SWITCH	TOD	-- TOP OF DEVICE
FVR	-- FULL VOLTAGE REVERSING	TRANS/XFMR	-- TRANSFORMER
FVNR	-- FULL VOLTAGE NON--REVERSING	TH	-- TUNGSTEN HALOGEN
GEN	-- GENERATOR, GENERAL	TTB	-- TELEPHONE TERMINAL BOARD
GFI	-- GROUND FAULT INTERRUPTER	TW	-- TWISTED
GFR	-- GROUND FAULT RELAY	TYP	-- TYPICAL
GRD	-- GROUND	UG	-- UNDERGROUND
GRS	-- GALVANIZED RIGID STEEL	UH	-- UNIT HEATER
HID	-- HIGH INTENSITY DISCHARGE	UON	-- UNLESS OTHERWISE NOTED
HOA	-- HAND--OFF--AUTOMATIC	V	-- VOLTS
HP	-- HORSEPOWER	VFC	-- VARIABLE FREQUENCY CONTROLLER
HPS	-- HIGH PRESSURE SODIUM	W	-- WATTS, WIRE
HTR	-- HEATER	W/	-- WITH
HV	-- HIGH VOLTAGE	WP	-- WEATHER--PROOF
HZ	-- HERTZ	XF	-- EXPLOSION PROOF
IG	-- ISOLATED GROUND	251W	-- 2 SPEED SINGLE WINDING
JB	-- JUNCTION BOX	252W	-- 2 SPEED DOUBLE WINDING
KCMIL	-- THOUSAND CIRCULAR MILS		
KV	-- KILOVOLTS		
KVA	-- KILOVOLT AMPERES		

CIRCUIT DESIGNATIONS

LIGHTING

FIXTURE TYPE	
*CIRCUIT DESIGNATION	
SWITCH DESIGNATION	

POWER

*CIRCUIT DESIGNATION	
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* SEE NOTES FOR PANEL DESIGNATIONS FOR EACH AREA.

GORDON JOHNSON
Architecture

854 Reg Street, Suite 4
Fayetteville, NC 28303
Phone (910) 233-5188
Fax (910) 233-5188
gordonjohnsonarchitecture.com

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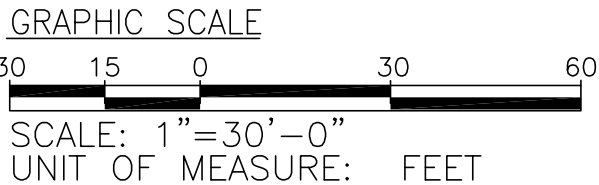


GENERAL NOTES

1. NOTIFY THE OWNER, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL REQUIRED SHUTDOWNS OF WATER, FIRE, SEWER, GAS, ELECTRICAL SERVICE, OR OTHER UTILITIES. UPON WRITTEN RECEIPT OF APPROVAL FROM OWNER, SHUTDOWN SHALL BE PERFORMED BETWEEN THE HOURS OF SIX (6) P.M. AND SIX (6) A.M. OR AS DIRECTED OTHERWISE BY THE OWNER AND SHALL BE ACCOMPLISHED AT NO ADDITIONAL CONTRACT COST. AT THE END OF EACH SHUTDOWN ALL SERVICES SHALL BE RESTORED SO THAT NORMAL USE OF THE UTILITIES CAN CONTINUE.
2. WHEN WORKING IN AND AROUND THE EXISTING BUILDING, EXTREME CARE SHALL BE EXERCISED WITH REGARD TO PROTECTION OF THE EXISTING STRUCTURE AND MECHANICAL AND ELECTRICAL SERVICES WHICH WILL REMAIN. REPAIR, REPLACE, OR RESTORE TO THE SATISFACTION OF THE ARCHITECT ALL EXISTING WORK DAMAGED IN THE PERFORMANCE OF DEMOLITION AND/OR NEW WORK.
3. ALL EXISTING EQUIPMENT, LIGHTING, CONDUIT, AND MATERIALS NOT REQUIRED FOR RE-USE OR RE-INSTALLATION (SHOWN OR OTHERWISE) SHALL BE REMOVED. ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE OWNER, OR ARE INDICATED TO REMAIN THE PROPERTY OF THE OWNER, SHALL BE DELIVERED TO HIM ON THE PREMISES BY THE CONTRACTOR WHERE DIRECTED BY THE ARCHITECT. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
4. EXISTING CONDITIONS, I.E., PRESENCE AND LOCATION OF EQUIPMENT, LIGHTING, CONDUIT AND MATERIALS, INDICATED ARE BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EQUIPMENT, LIGHTING, CONDUIT AND MATERIALS IN THE FIELD PRIOR TO STARTING ALL WORK.
5. EXISTING EQUIPMENT SIZES NOTED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND ARE NOT WARRANTED TO BE CORRECT. CONTRACTOR SHALL VERIFY ALL SIZES IN THE FIELD IF THEY EFFECT HIS WORK.
6. EXISTING EQUIPMENT, CONDUIT, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE-INSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH NEW WORK SPECIFICATION. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ARCHITECT AND AT NO ADDITIONAL CONTRACT COST.
7. PATCH ALL DISTURBED SURFACES, INCLUDING WALLS, CEILINGS, ROOF, AND FLOOR. PATCHING SHALL MATCH EXISTING ADJACENT SURFACES AS TO THICKNESS, TEXTURE, MATERIALS, AND COLOR. ALL PATCHING SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER/ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
8. IN GENERAL, ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "LIGHT" IS EXISTING TO REMAIN. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "LIGHT WITH A DASH/DOT PATTERN" ARE EXISTING TO BE REPLACED. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "HEAVY WITH A HATCH PATTERN" ARE TO BE DEMOLISHED. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "HEAVY" ARE NEW CONSTRUCTION.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JURISDICTIONS APPLICABLE CODES AND THE LOCAL FIRE MARSHALL'S REQUIREMENTS.
10. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL OTHER TRADES/SUBCONTRACTORS.

DRAWING NOTES

1. REMOVE POLE AND POLE LIGHT FIXTURE. CLEAN FIXTURE, STORE AND PROTECT THROUGH DEMOLITION AND NEW WORK. POLE AND FIXTURE WILL BE REINSTALLED ONTO NEW POLE BASES. SEE E0.10 FOR LOCATIONS.



**GORDON
JOHNSON**
Architecture

254 Reg Street, Suite 4
Charlotte, NC 28217
Phone (704) 253-5188
Fax (704) 253-5188
gordonjohnsonarchitecture.com
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rnf
RMF ENGINEERING, INC.
8720 Red Oak Blvd, Suite 370
Charlotte, NC 28217
P: 704.959.9672
NC License No: C-1126
RMF Project No: 2153223.F0

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

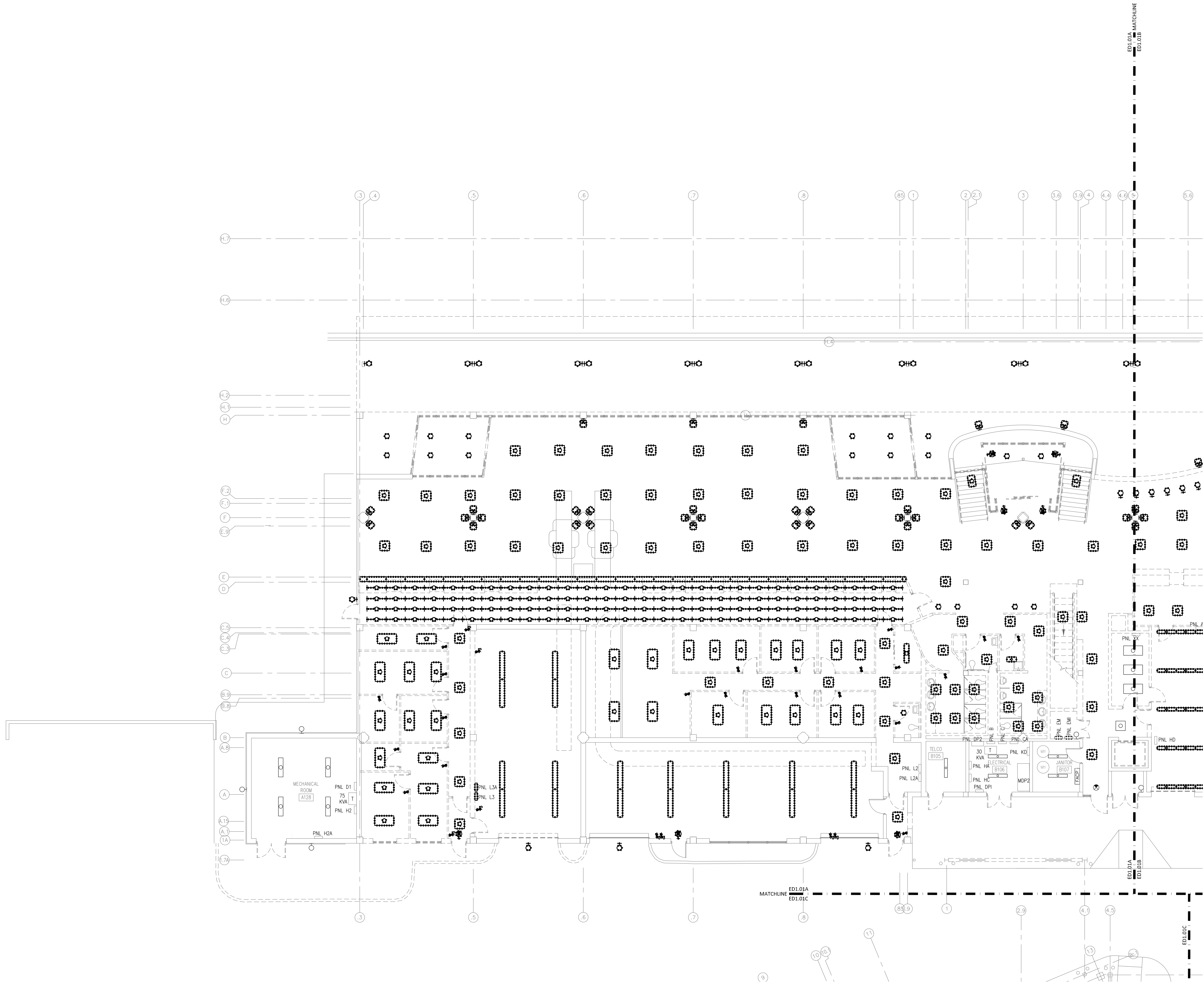
ELECTRICAL SITE PLAN

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEWED BY: JMW
DATE: 03-20-2020
PROJECT NO.: 1808

REVISIONS
A MODIFIED 03/24/20
B DE-2 05/20/20

SHEET NUMBER
E0.10



- GENERAL NOTES:**
- NOTIFY THE OWNER, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL REQUIRED SHUTDOWNS OF ELECTRICAL SERVICE, OR OTHER UTILITIES, UPON WRITTEN RECEIPT OF APPROVAL FROM OWNER. SHUTDOWNS SHALL BE PERFORMED DURING HOURS AS DIRECTED BY THE OWNER AND SHALL BE ACCOMPLISHED AT NO ADDITIONAL CONTRACT COST. AT THE END OF EACH SHUT DOWN ALL SERVICES SHALL BE RESTORED.
 - WHEN WORKING IN AND AROUND THE EXISTING BUILDING, EXTREME CARE SHALL BE EXERCISED WITH REGARD TO PROTECTION OF THE EXISTING STRUCTURE AND MECHANICAL AND ELECTRICAL SERVICES WHICH WILL REMAIN. REPAIR, REPLACE, OR RESTORE TO THE SATISFACTION OF THE OWNER ALL EXISTING WORK DAMAGED IN THE PERFORMANCE OF DEMOLITION AND/OR NEW WORK.
 - ALL EXISTING WIRING, EQUIPMENT, CONDUITS, AND MATERIALS NOT REQUIRED FOR RE-USE OR RE-INSTALLATION (SHOWN OR OTHERWISE) SHALL BE REMOVED. ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE OWNER, OR ARE INDICATED TO REMAIN THE PROPERTY OF THE OWNER, SHALL BE DELIVERED TO HIM ON THE PREMISES BY THE CONTRACTOR WHERE DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
 - EXISTING CONDITIONS, I.E., PRESENCE AND LOCATION OF PANELBOARDS, LIGHTING FIXTURES, RECEPTACLES, EQUIPMENT, AND MATERIALS, INDICATED ARE BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL CONDUITS, EQUIPMENT, AND MATERIALS IN THE FIELD PRIOR TO STARTING ALL WORK.
 - EXISTING EQUIPMENT SIZES NOTED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND ARE NOT WARRANTED TO BE CORRECT. CONTRACTOR SHALL VERIFY ALL SIZES IN THE FIELD IF THEY EFFECT HIS WORK.
 - WHEN EXISTING MECHANICAL AND ELECTRICAL WORK IS REMOVED, ALL CONDUITS, WIRING AND MATERIALS SHALL BE REMOVED TO A POINT BELOW THE FINISHED FLOORS OR BEHIND FINISHED WALLS AND CAPPED. SUCH POINTS SHALL BE FAR ENOUGH BEHIND FINISHED SURFACES TO ALLOW FOR THE INSTALLATION OF THE NORMAL THICKNESS OF FINISHED MATERIAL.
 - EXISTING WIRING & CONDUIT NO LONGER REQUIRED TO REMAIN IN SERVICE (SHOWN OR OTHERWISE) SHALL BE DISCONNECTED AND REMOVED BACK TO PANELBOARD UNLESS OTHERWISE INDICATED OR NOTED ON THE PLANS. REMOVE EXISTING PIPE HANGERS, SUPPORTS, CONDUIT, ETC. UNDERGROUND CONDUIT TO BE REMOVED SHALL BE LIMITED TO PIPING IN THE AREAS OCCUPIED BY THE NEW CONSTRUCTION AND FIVE FEET (5') BEYOND THE NEW CONSTRUCTION. EXISTING CONDUIT INDICATED OR REQUIRED TO REMAIN IN SERVICE OR IN PLACE SHALL BE CAPPED, PLUGGED, OTHERWISE SEALED. NO EXISTING CONDUIT SHALL BE LEFT OPEN END.
 - EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, CONDUIT, WIRING, DEVICES, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE REINSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH NEW WORK SPECIFICATION. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
 - PATCH TO MATCH EXISTING ALL NEW AND EXISTING OPENINGS AND WALLS, CEILINGS, ROOF, AND FLOOR SURFACES DAMAGED OR CREATED BY DEMOLITION WORK. PATCHING WHERE POSSIBLE SHALL MATCH EXISTING ADJACENT SURFACES AS TO THICKNESS, TEXTURES MATERIALS, AND COLOR. ALL PATCHING SHALL BE PERFORMED TO THE SATISFACTION OF THE ARCHITECT AND AT NO ADDITIONAL CONTRACT COST.
 - IN GENERAL ALL EQUIPMENT AND MATERIALS SHOWN "LIGHT" IS EXISTING TO REMAIN. ALL EQUIPMENT AND MATERIALS SHOWN "HEAVY AND HATCHED" IS EXISTING AND SHALL BE DEMOLISHED.

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

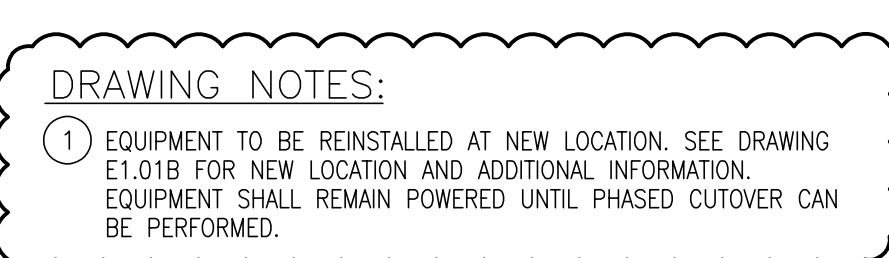
GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

REVISIONS

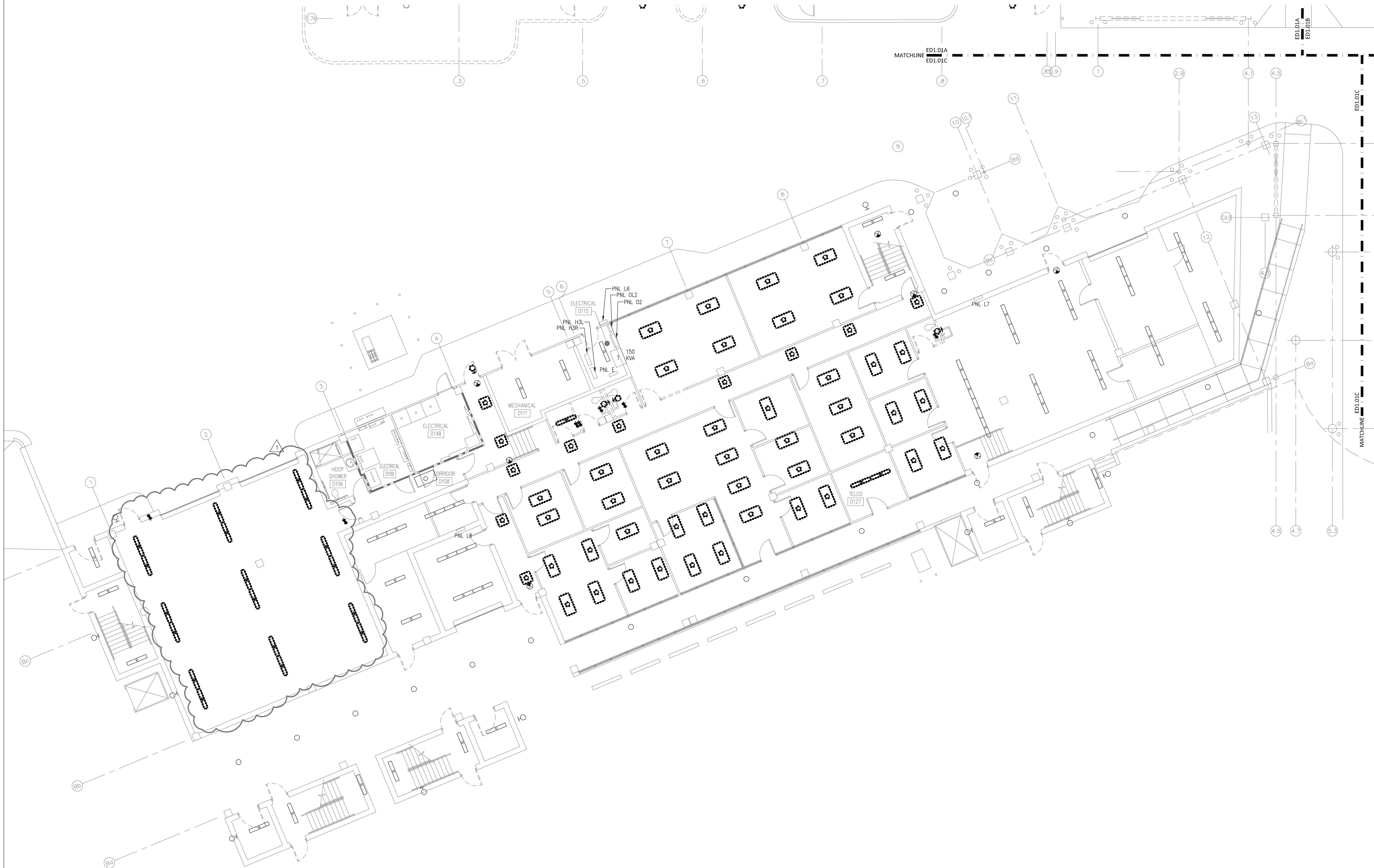
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2	ISSUED FOR PERMIT	08/09/18

SHEET NUMBER

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- FIRE RATED WALL LEGEND**
- 1 HOUR FIRE PARTITION
 - 1 HOUR FIRE BARRIER
- The plan shows the **MAIN TERMINAL** building with a hatched pattern, flanked by **TICKETING** and **BAGGAGE** areas. Below the terminal are **CONCOURSE B** and **CONCOURSE A**. A north arrow is located in the bottom right corner.
- GRAPHIC SCALE**
- SCALE: 1/8" = 1'-0"
- 0 4 8 16 FEET



- GENERAL NOTES:**
- A. NOTIFY THE OWNER, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL REQUIRED SHUTDOWNS OF ELECTRICAL SERVICES OR OTHER UTILITIES. UPON WRITTEN RECEIPT OF APPROVAL FROM OWNER, SHUTDOWNS SHALL BE PERFORMED DURING HOURS AS DIRECTED BY THE OWNER AND SHALL BE ACCOMPLISHED AT NO ADDITIONAL CONTRACT COST. AT THE END OF EACH SHUT DOWN ALL SERVICES SHALL BE RESTORED.
- B. WHEN WORKING IN AND AROUND THE EXISTING BUILDING, EXTREME CARE SHALL BE EXERCISED WITH REGARD TO PROTECTION OF THE EXISTING STRUCTURE AND MECHANICAL AND ELECTRICAL SERVICES WHICH WILL REMAIN. REPAIR, REPLACE, OR RESTORE TO THE SATISFACTION OF THE OWNER ALL EXISTING WORK DAMAGED IN THE PERFORMANCE OF DEMOLITION AND/OR NEW WORK.
- C. ALL EXISTING WIRING, EQUIPMENT, CONDUITS, AND MATERIALS NOT REQUIRED FOR RE-USE OR RE-INSTALLATION (SHOWN OR OTHERWISE) SHALL BE REMOVED. ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE OWNER, OR ARE INDICATED TO REMAIN THE PROPERTY OF THE OWNER, SHALL BE DELIVERED TO HIM ON THE PREMISES BY THE CONTRACTOR WHERE DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
- D. EXISTING CONDITIONS, I.E., PRESENCE AND LOCATION OF PANELBOARDS, LIGHTING FIXTURES, RECEPTACLES, EQUIPMENT, AND MATERIALS, INDICATED ARE BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL CONDUITS, EQUIPMENT, AND MATERIALS IN THE FIELD PRIOR TO STARTING ALL WORK.
- E. EXISTING EQUIPMENT SIZES NOTED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND ARE NOT WARRANTED TO BE CORRECT. CONTRACTOR SHALL VERIFY ALL SIZES IN THE FIELD IF THEY EFFECT HIS WORK.
- F. WHEN EXISTING MECHANICAL AND ELECTRICAL WORK IS REMOVED, ALL CONDUITS, WIRING AND MATERIALS SHALL BE REMOVED TO A POINT BELOW THE FINISHED FLOORS OR BEHIND FINISHED WALLS AND CAPPED. SUCH POINTS SHALL BE FAR ENOUGH BEHIND FINISHED SURFACES TO ALLOW FOR THE INSTALLATION OF THE NORMAL THICKNESS OF FINISHED MATERIAL.
- G. EXISTING WIRING & CONDUIT NO LONGER REQUIRED TO REMAIN IN SERVICE (SHOWN OR OTHERWISE) SHALL BE DISCONNECTED AND REMOVED BACK TO PANELBOARD UNLESS OTHERWISE INDICATED OR NOTED ON THE PLANS. REMOVE EXISTING PIPE HANGERS, SUPPORTS, CONDUIT, ETC. UNDERGROUND CONDUIT TO BE REMOVED SHALL BE LIMITED TO PIPING IN THE AREAS OCCUPIED BY THE NEW CONSTRUCTION AND FIVE FEET (5') BEYOND THE NEW CONSTRUCTION. EXISTING CONDUIT INDICATED OR REQUIRED TO REMAIN IN SERVICE OR IN PLACE SHALL BE CAPPED, PLUGGED, OTHERWISE SEALED. NO EXISTING CONDUIT SHALL BE LEFT OPEN END.
- H. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, CONDUIT, WIRING, DEVICES, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE REINSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH NEW WORK SPECIFICATION. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
- I. PATCH TO MATCH EXISTING ALL NEW AND EXISTING OPENINGS AND WALLS, CEILINGS, ROOF, AND FLOOR SURFACES DAMAGED OR CREATED BY DEMOLITION WORK. PATCHING WHERE POSSIBLE SHALL MATCH EXISTING ADJACENT SURFACES AS TO THICKNESS, TEXTURES MATERIALS, AND COLOR. ALL PATCHING SHALL BE PERFORMED TO THE SATISFACTION OF THE ARCHITECT AND AT NO ADDITIONAL CONTRACT COST.
- J. IN GENERAL ALL EQUIPMENT AND MATERIALS SHOWN "LIGHT" IS EXISTING TO REMAIN. ALL EQUIPMENT AND MATERIALS SHOWN "HEAVY AND HATCHED" IS EXISTING AND SHALL BE DEMOLISHED.

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

MAIN TERMINAL

TICKETING BAGGAGE

CONCOURSE B CONCOURSE A

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

8 4 0 8 16

DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-18-18
PROJECT NO.: 1808

REVISIONS	
A	MODIFIED 3 08/14/19
B	
SHEET NUMBER	

ED1.01C

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

400 Airport Road
Fayetteville, North Carolina 28306

FIRST FLOOR PLAN – AREA C – LIGHTING
DEMOLITION

GORDON JOHNSON
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254 Reg Street, Suite 4
Fayetteville, NC 28306
Phone: (910) 233-5188
Fax: (910) 233-5188
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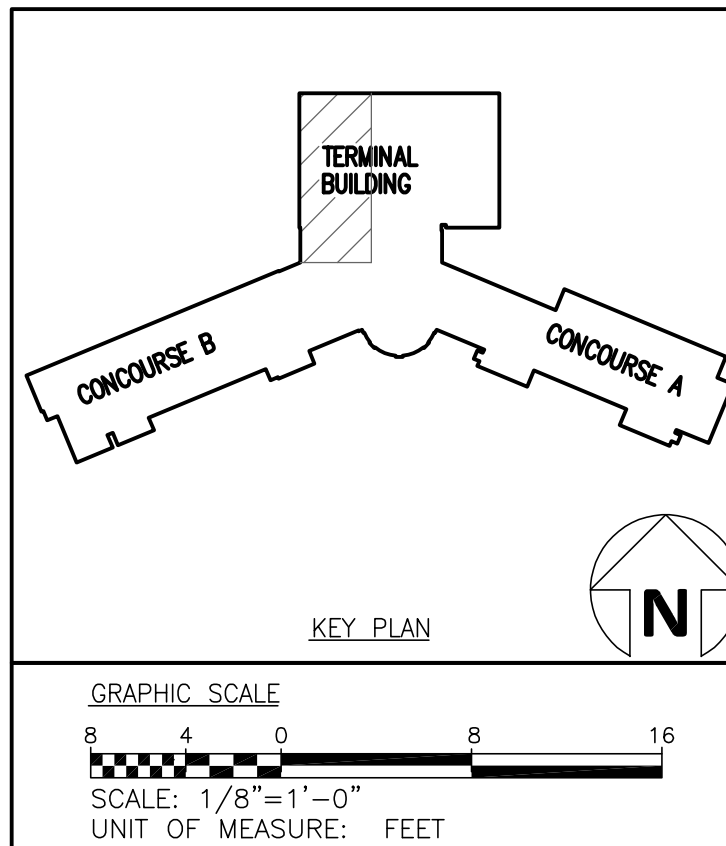
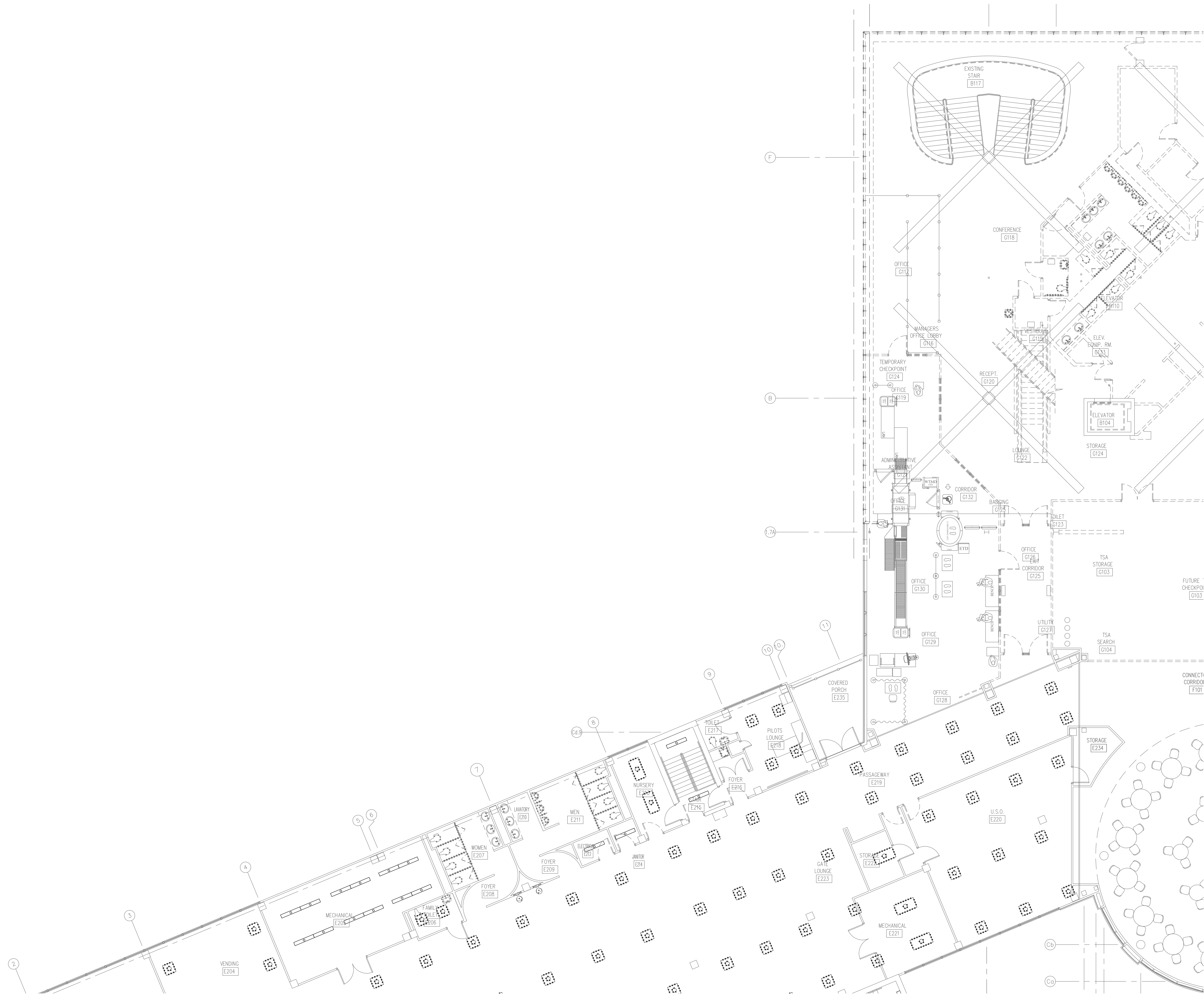
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REVIEWED BY: JMT
DATE: 07-18-18
PROJECT NO.: 1808

REVISIONS	
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SHEET NUMBER
ED1.02A

Fayetteville Regional Airport – Airline Terminal Improvements Part 2
400 Airport Road
Fayetteville, North Carolina 28306

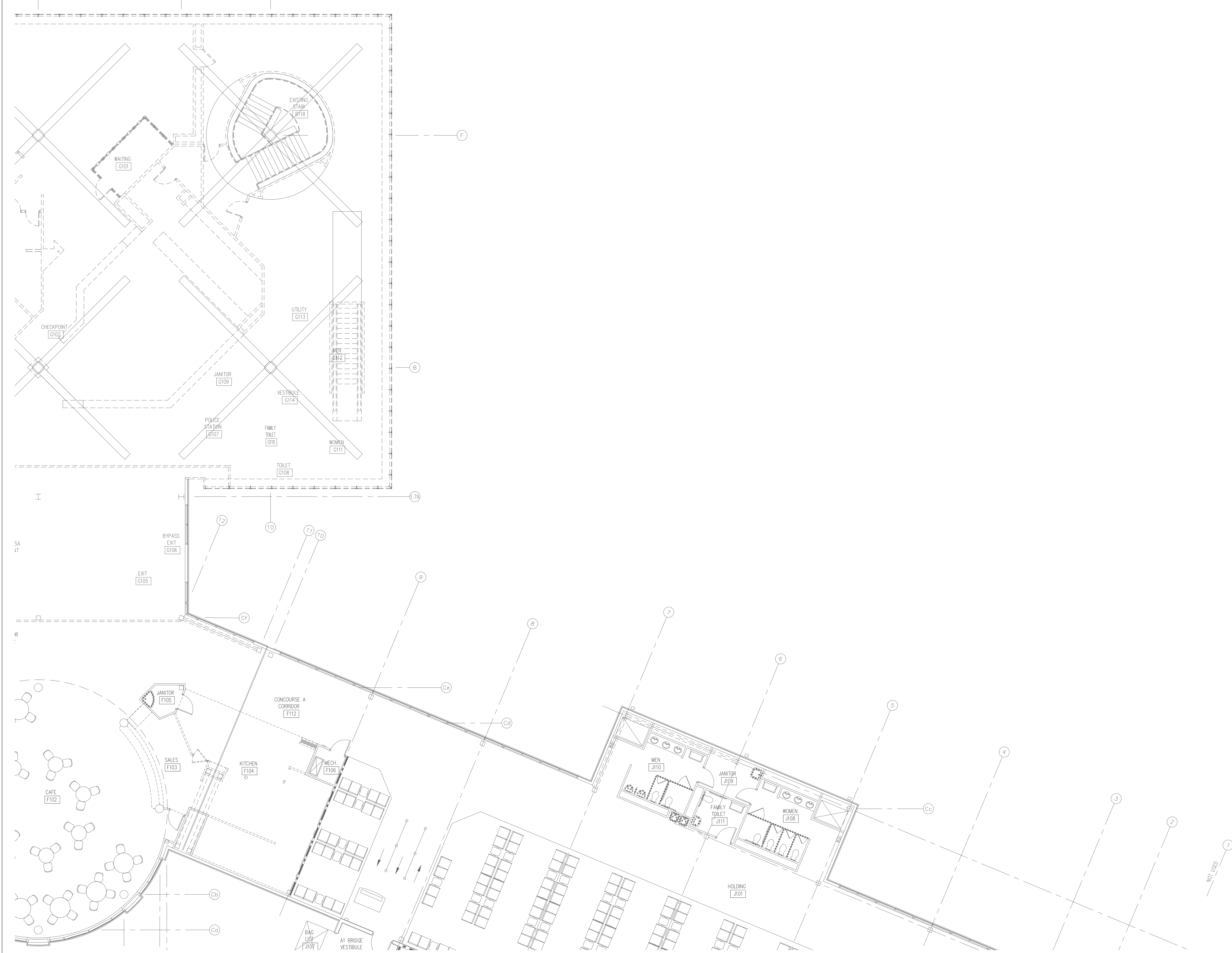
SECOND FLOOR PLAN – AREA A – LIGHTING
DEMOLITION

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GORDON
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Architecture

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TERMINAL BUILDING

CONCOURSE B

CONCOURSE A

KEY PLAN

GRAPHIC SCALE

8 4 0 8 16

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

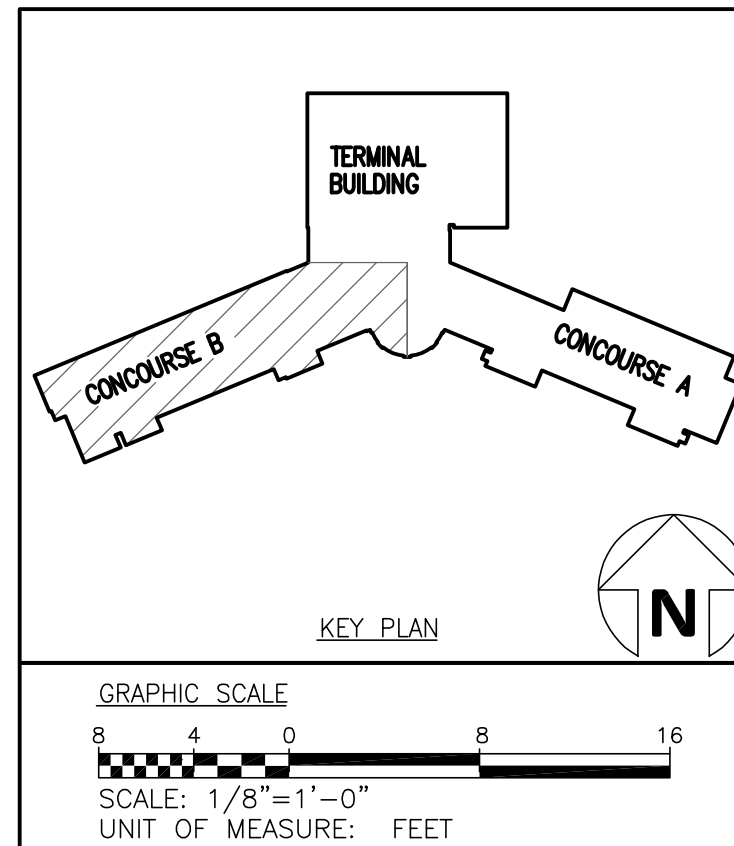
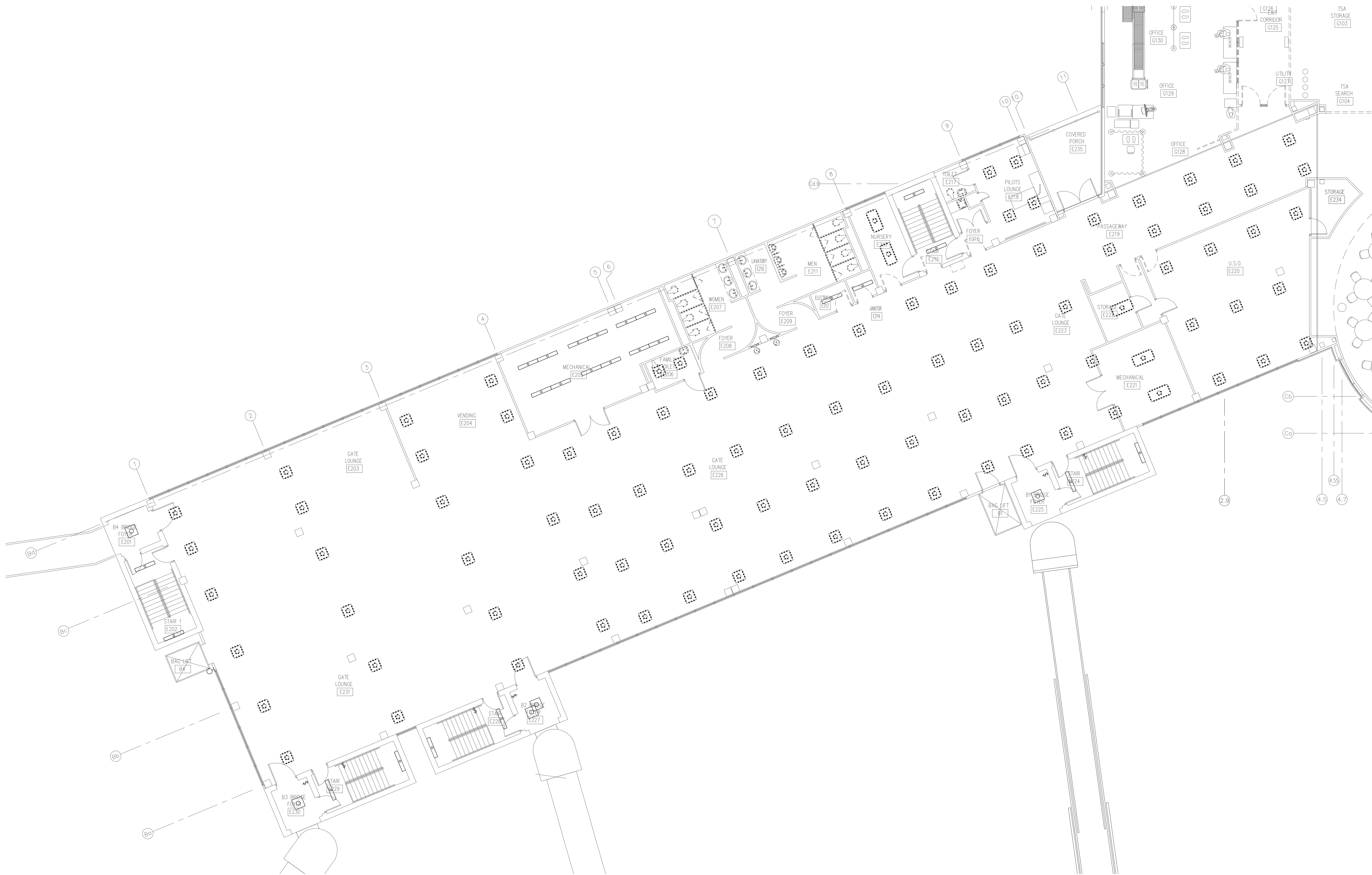
UNIT OF MEASURE: FEET

N

DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS	

SHEET NUMBER
ED1.02B



DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS	

SHEET NUMBER
ED1.02C

Fayetteville Regional Airport – Airline Terminal Improvements Part 2
SECOND FLOOR PLAN – AREA C – LIGHTING
DEMOLITION

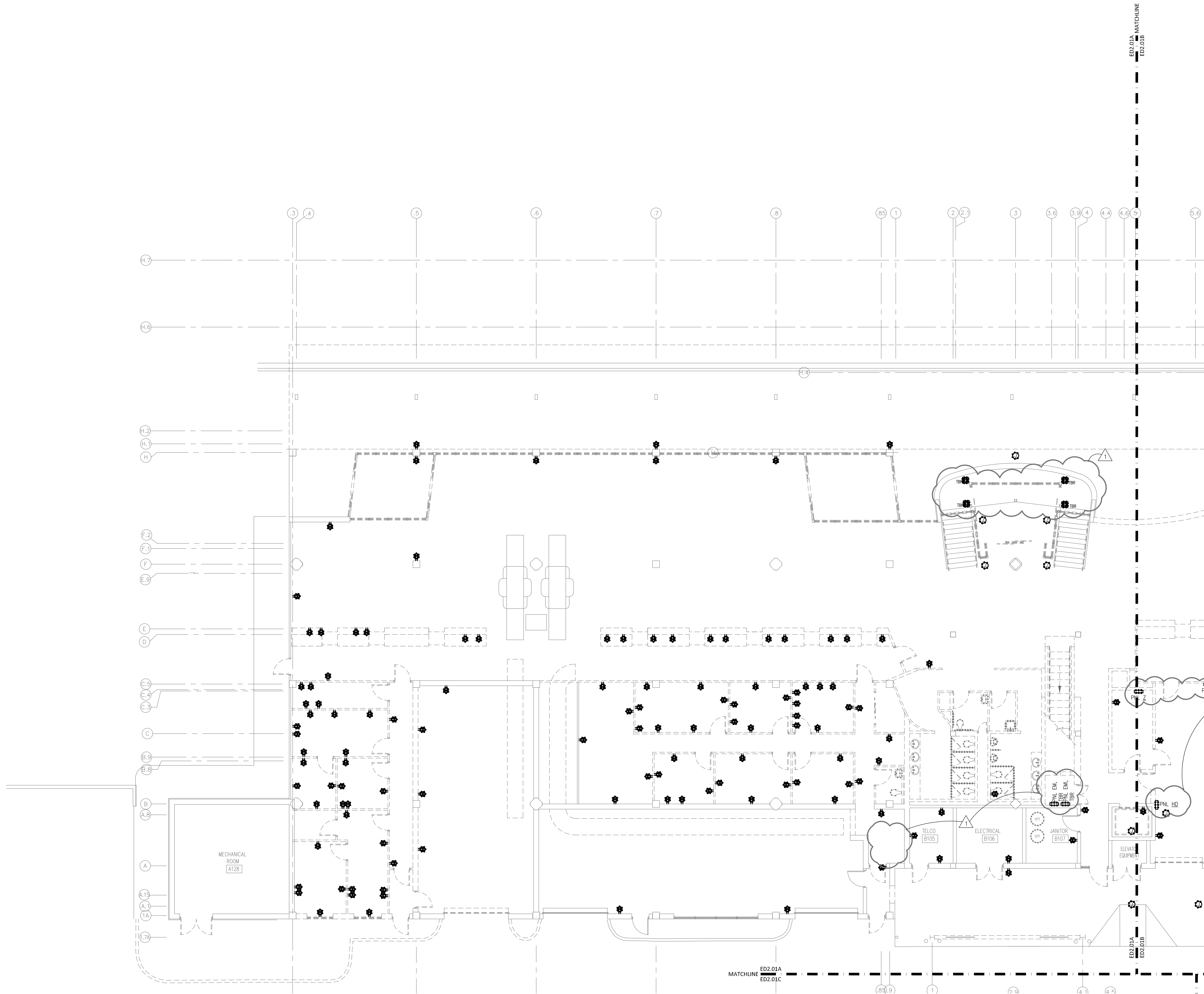
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Architecture

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Phone: (910) 233-5188
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FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

TICKETING MAIN TERMINAL BAGGAGE

CONCOURSE B CONCOURSE A

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

DRAWN BY: TMW
REVIEWED BY: JMT
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS	
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2	
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SHEET NUMBER

ED2.01A

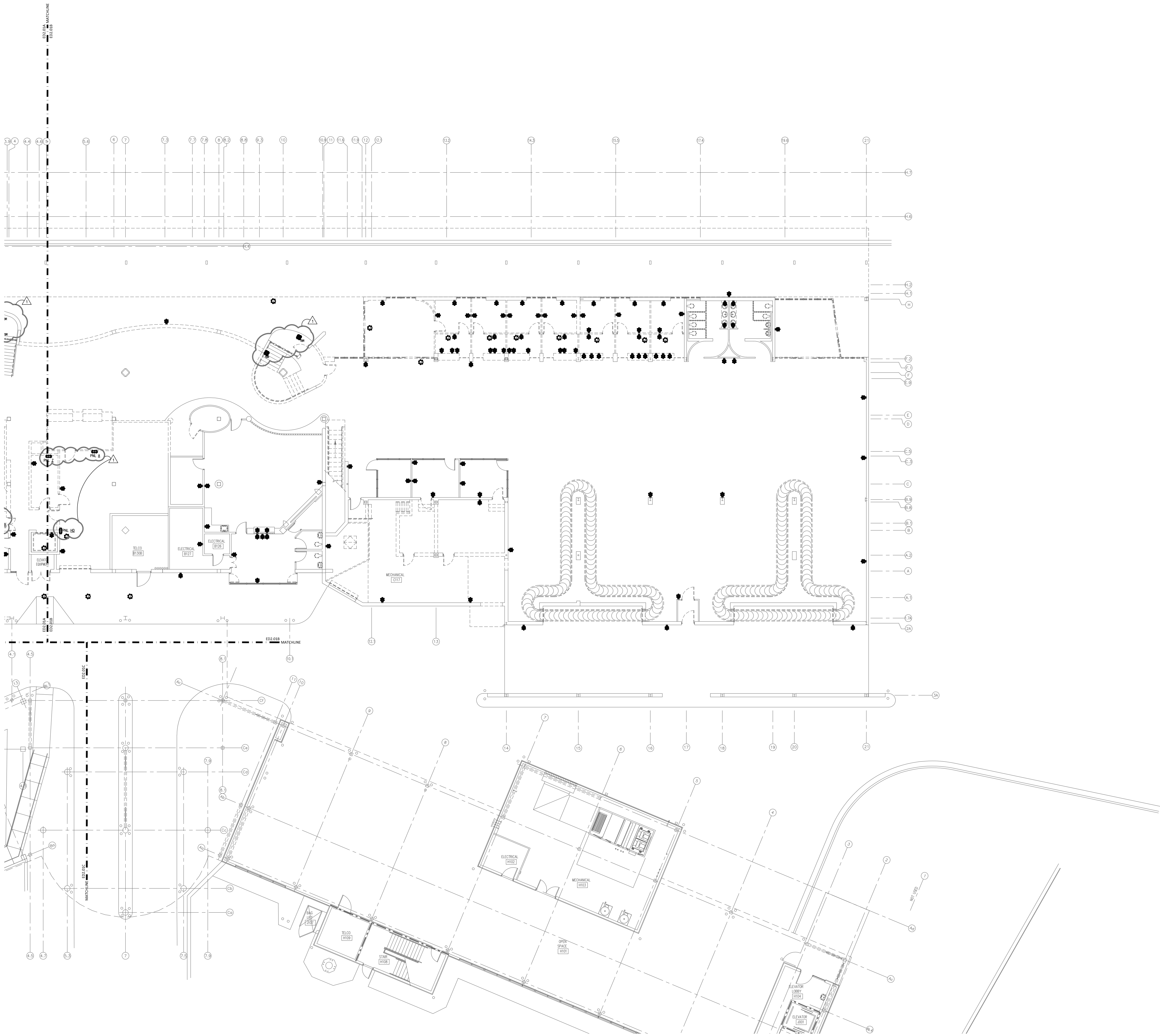
Fayetteville Regional Airport – Airline Terminal Improvements Part 2

FIRST FLOOR PLAN – AREA A – POWER DEMOLITION

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8720 Red Oak Blvd, Suite 370
Charlotte, NC 28217
P: 704.565.9517
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RMF Project No: 2153223.F0

GORDON JOHNSON
Architecture
254 Bay Street, Suite 4
Fayetteville, NC 28301
Phone: (910) 232-5188
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FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

TICKETING MAIN TERMINAL BAGGAGE

CONCOURSE B CONCOURSE A

KEY PLAN

GRAPHIC SCALE

8 4 0 8 16

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

UNIT OF MEASURE: FEET

DRAWN BY: TMW
REVIEWED BY: JMT
DATE: 07-18-18
PROJECT NO.: 1808

REVISIONS	
1	06/25/20

SHEET NUMBER

ED2.01B

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

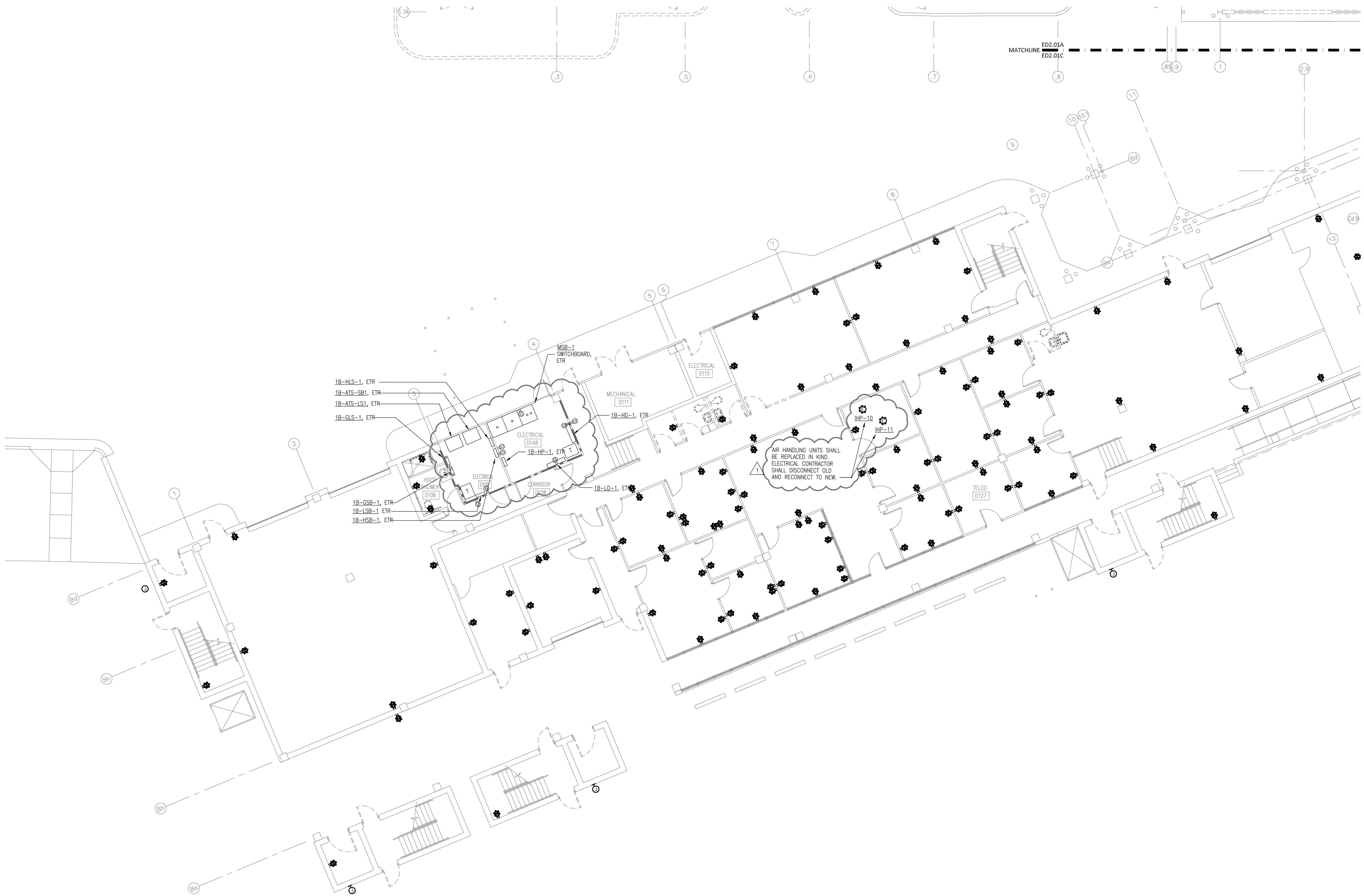
FIRST FLOOR PLAN – AREA B – POWER
DEMOLITION

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FIRE RATED WALL LEGEND
1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

CONCOURSE B
CONCOURSE A

TICKETING
MAIN TERMINAL
BAGGAGE

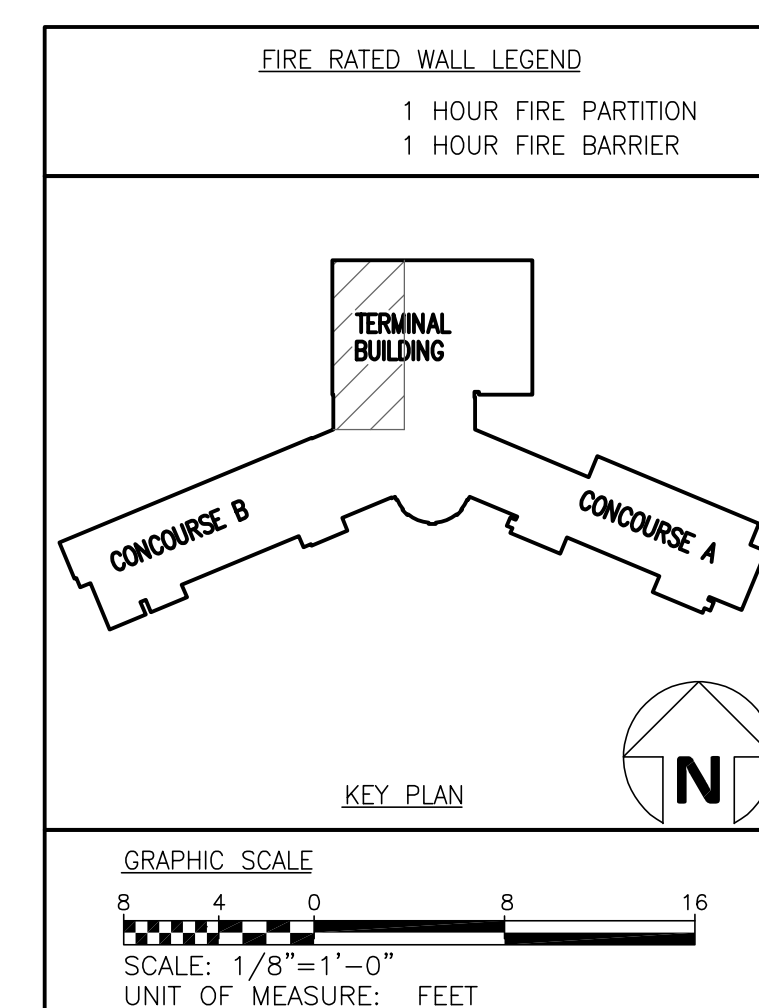
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REVIEWED BY: JMT
DATE: 07-18-18
PROJECT NO.: 1808

REVISIONS	
1	ADDENDUM 3 08/14/19

SHEET NUMBER
ED2.01C

SECOND FLOOR PLAN - AREA A - POWER
DEMOLITION

400 Airport Road
Fayetteville, North Carolina 28306

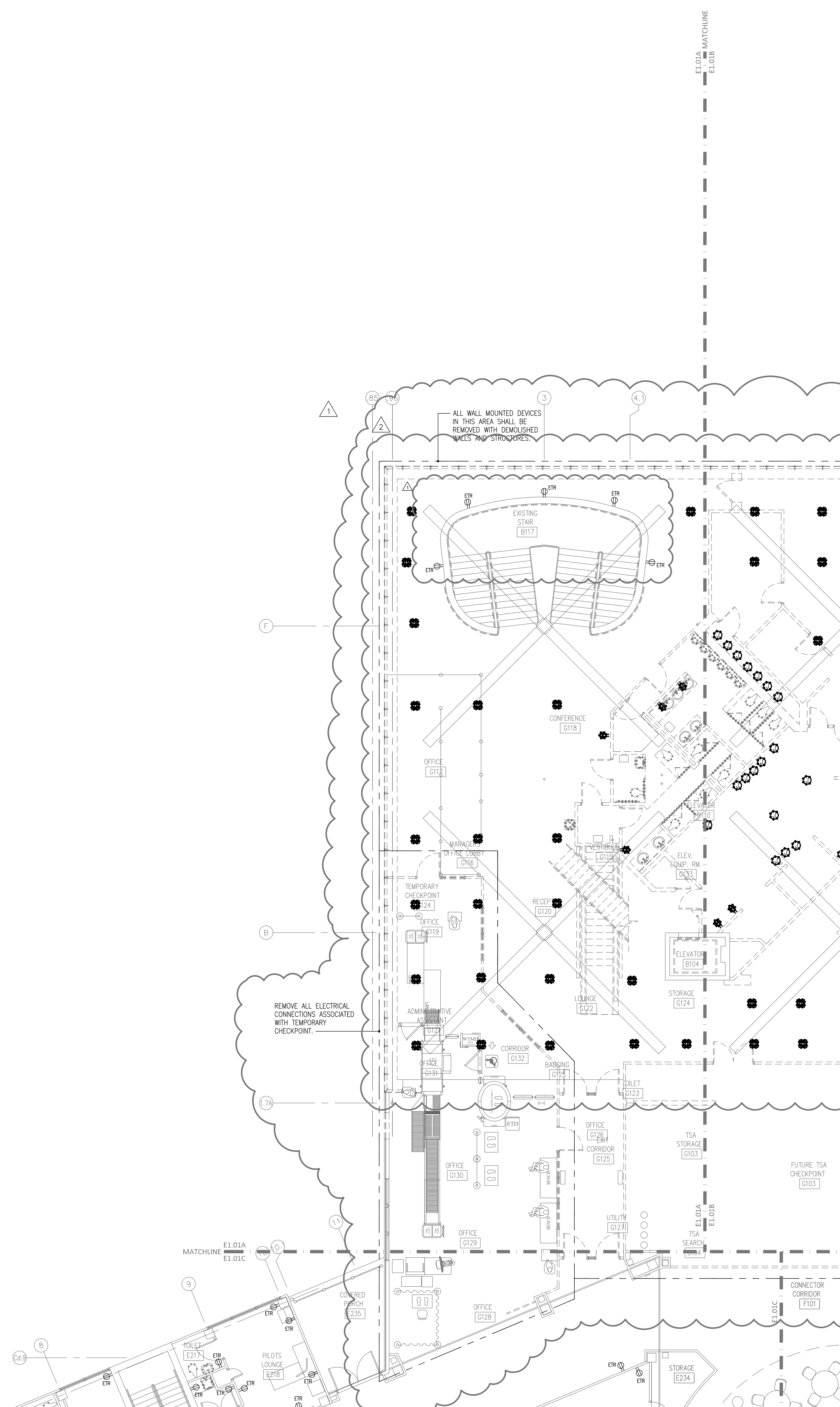


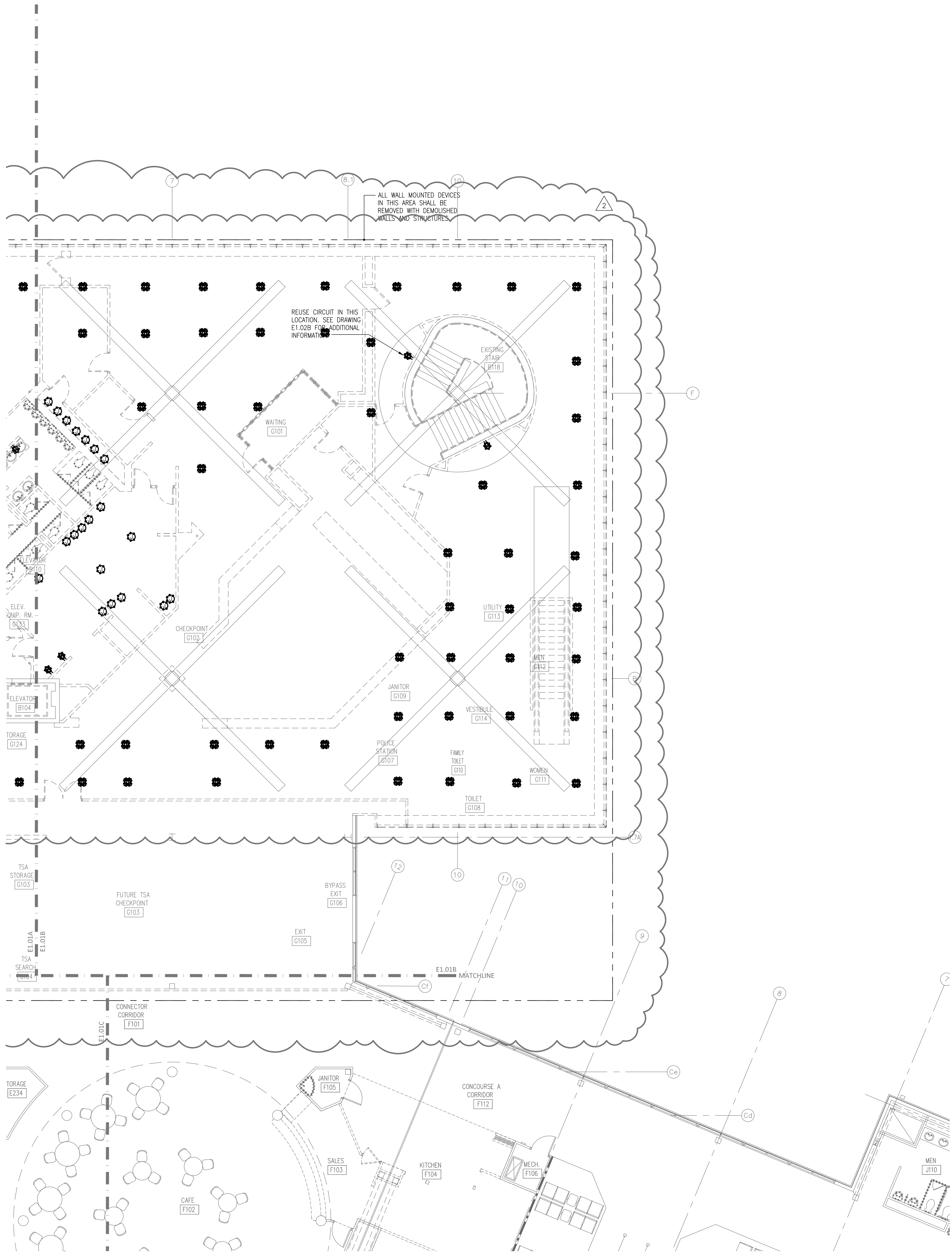
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REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS		
1	ADDENDUM 3	08/14/19
2	CRF 3	06/19/19

DATE	03/19/2017
SHEET NUMBER	

FD2.02A





FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

8 4 0 8 16

DRAWN BY: JMW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS	
A	MODIFIED 3 08/14/19
B	REV 3 06/19/20

SHEET NUMBER

ED2.02B

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA B – POWER
DEMOLITION

400 Airport Road
Fayetteville, North Carolina 28306

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Architecture

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FIRE RATED WALL LEGEND
1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN
TERMINAL BUILDING
CONCOURSE B
CONCOURSE A

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

REVISIONS
A MODIFIED 3 08/14/19

SHEET NUMBER
ED2.02C

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA C – POWER
DEMOLITION

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JMW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

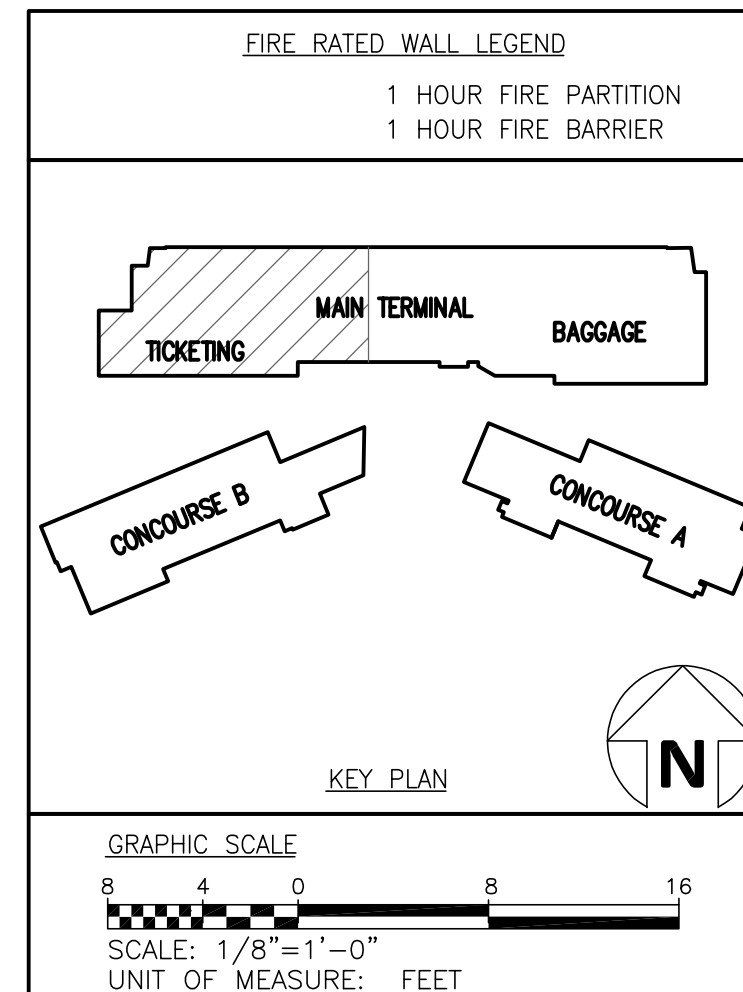
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A MODIFIED 3 08/14/19

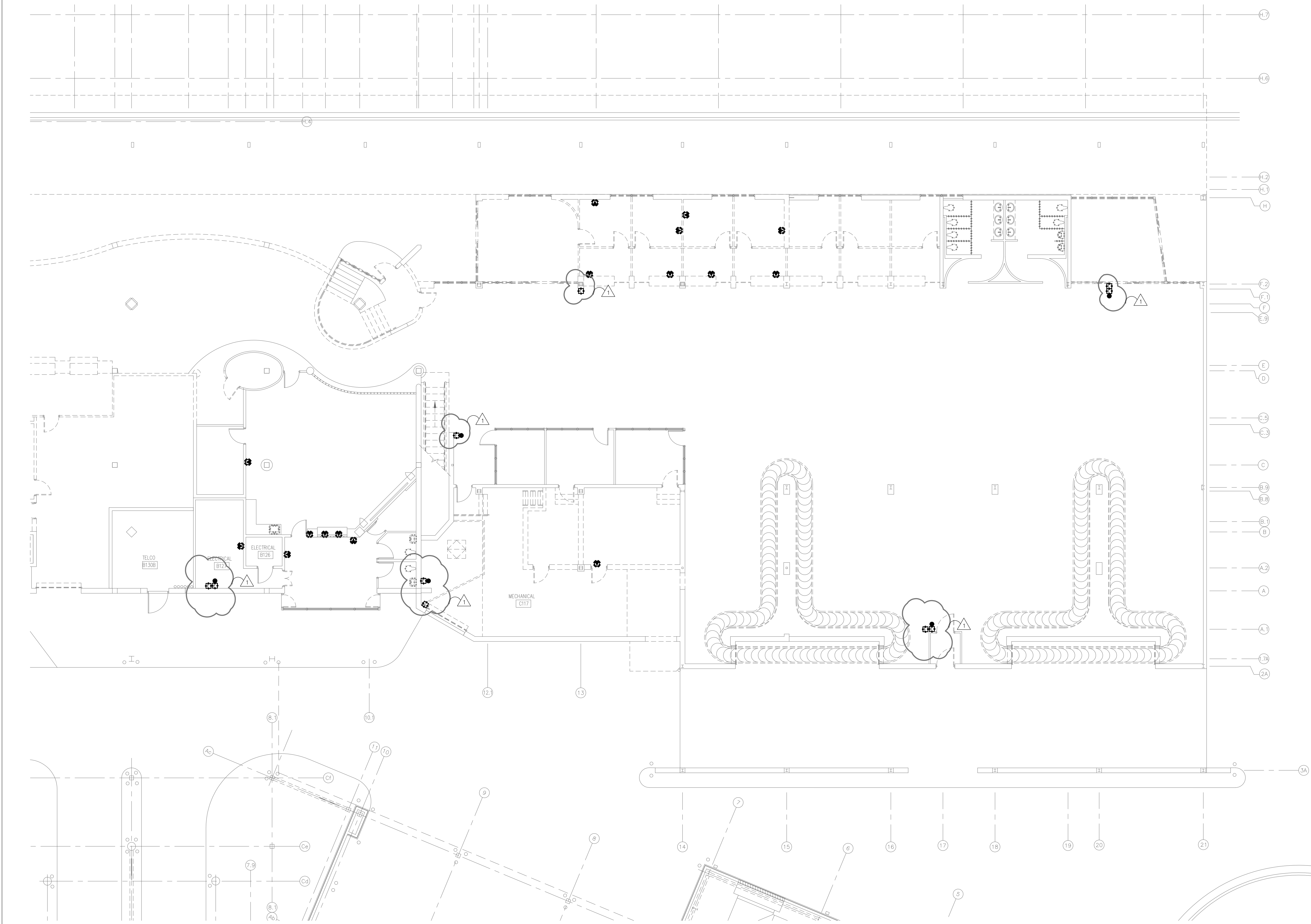
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FIRE RATED WALL LEGEND
1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/24/20

SHEET NUMBER
ED3.01B

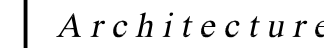
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FIRST FLOOR PLAN – AREA B –
SPECIAL SYSTEMS DEMOLITION

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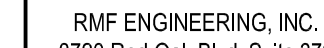
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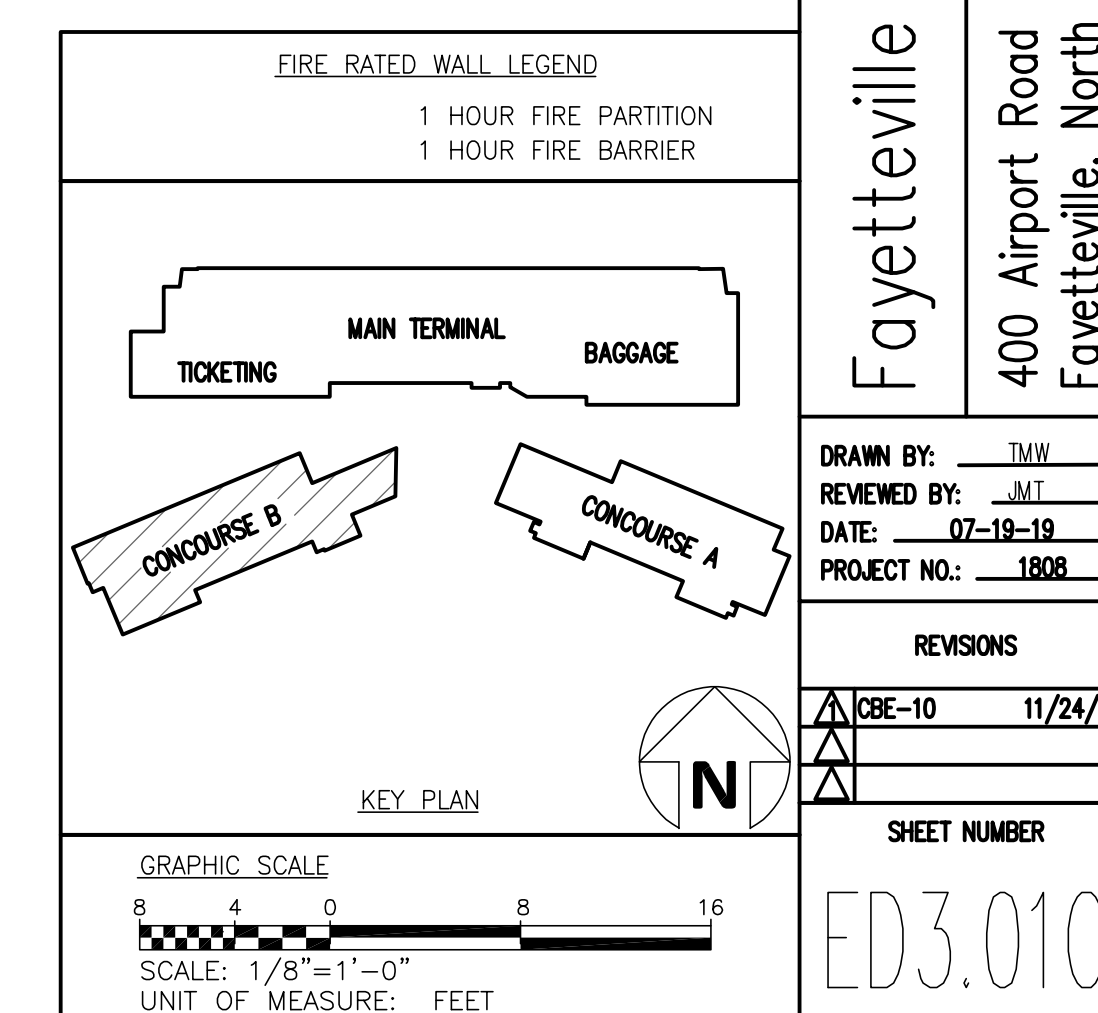
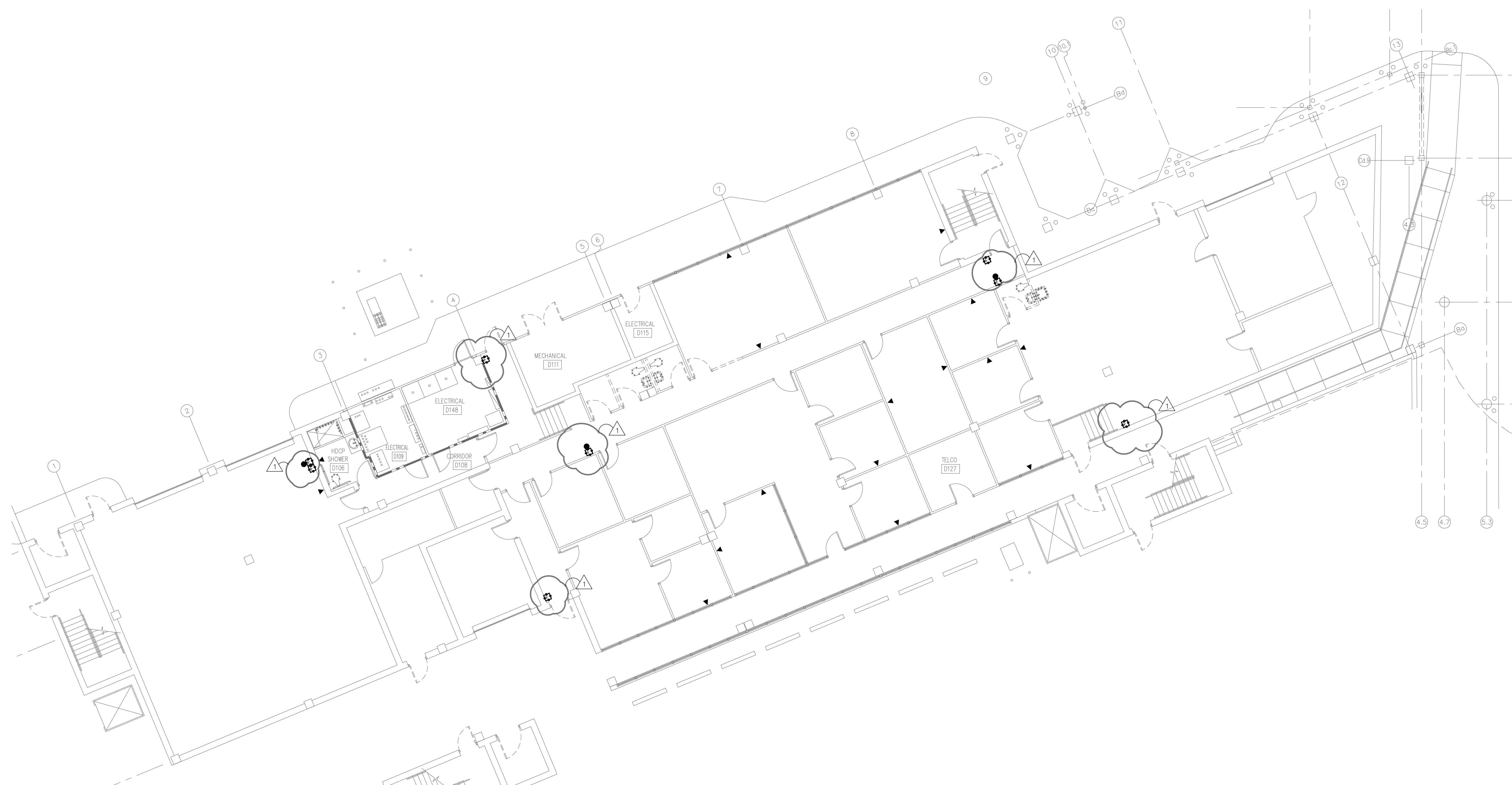
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be done.

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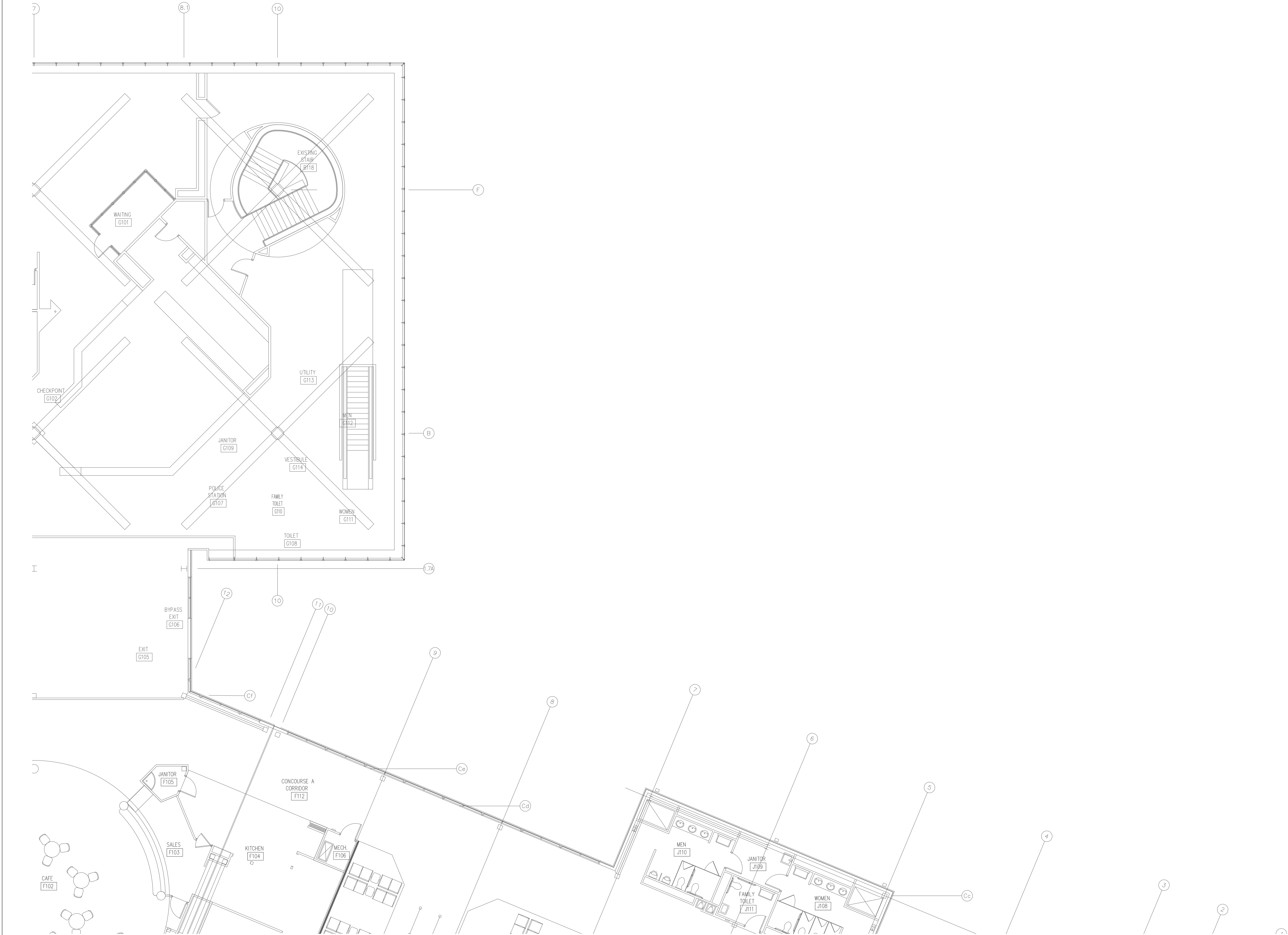


RMI Project No. 21552201 C



400 Airport Road Fayetteville, North Carolina 28306	FIRST FLOOR PLAN – AREA C – SPECIAL SYSTEMS DEMOLITION
--	---

DRAWN BY: <u>TMW</u>									
REVIEWED BY: <u>JMT</u>									
DATE: <u>07-19-19</u>									
PROJECT NO.: <u>1808</u>									
REVISIONS									
<table border="1"> <tr> <td>▲</td> <td>CBE-10</td> <td>11/24/</td> </tr> <tr> <td>▲</td> <td></td> <td></td> </tr> <tr> <td>▲</td> <td></td> <td></td> </tr> </table>	▲	CBE-10	11/24/	▲			▲		
▲	CBE-10	11/24/							
▲									
▲									
SHEET NUMBER									
ED3.01C									



FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

TERMINAL BUILDING

CONCOURSE B

CONCOURSE A

KEY PLAN

GRAPHIC SCALE

8 4 0 8 16

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

UNIT OF MEASURE: FEET

DRAWN BY: JMW

REVIEWED BY: JMT

DATE: 07-18-18

PROJECT NO.: 1808

REVISIONS

1	
2	
3	

SHEET NUMBER

ED3.02B



FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

TERMINAL BUILDING

CONCOURSE B

CONCOURSE A

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/24/20

SHEET NUMBER

ED3.02C

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA C –
SPECIAL SYSTEMS DEMOLITION

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JMW
REVIEWED BY: JMT
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/24/20

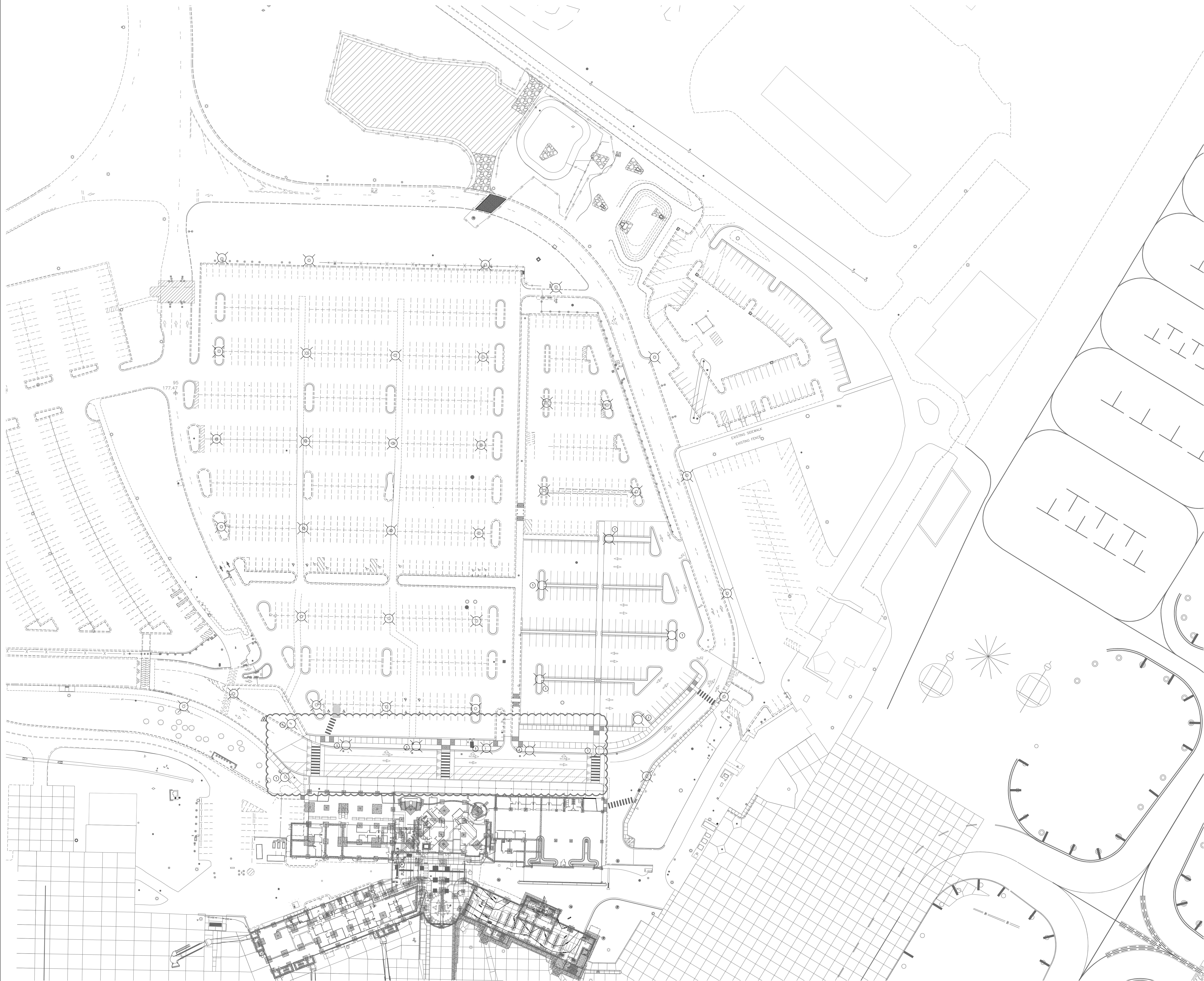
SHEET NUMBER

ED3.02C

GORDON JOHNSON
Architecture

554 Bay Street, Suite 4
Fayetteville, NC 28305
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Fax: (910) 233-5188
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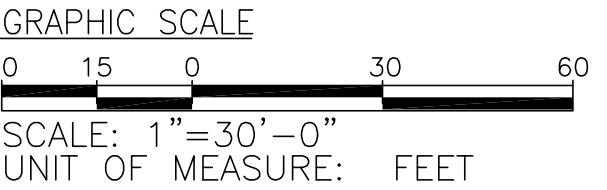


GENERAL NOTES

1. NOTIFY THE OWNER, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL REQUIRED SHUTDOWNS OF WATER, FIRE, SEWER, GAS, ELECTRICAL SERVICE, OR OTHER UTILITIES. UPON WRITTEN RECEIPT OF APPROVAL FROM OWNER, SHUTDOWN SHALL BE PERFORMED BETWEEN THE HOURS OF SIX (6) P.M. AND SIX (6) A.M. OR AS DIRECTED OTHERWISE BY THE OWNER AND SHALL BE ACCOMPLISHED AT NO ADDITIONAL CONTRACT COST. AT THE END OF EACH SHUTDOWN ALL SERVICES SHALL BE RESTORED SO THAT NORMAL USE OF THE UTILITIES CAN CONTINUE.
2. WHEN WORKING IN AND AROUND THE EXISTING BUILDING, EXTREME CARE SHALL BE EXERCISED WITH REGARD TO PROTECTION OF THE EXISTING STRUCTURE AND MECHANICAL AND ELECTRICAL SERVICES WHICH WILL REMAIN, REPAIR, REPLACE, OR RESTORE TO THE SATISFACTION OF THE ARCHITECT ALL EXISTING WORK DAMAGED IN THE PERFORMANCE OF DEMOLITION AND/OR NEW WORK.
3. ALL EXISTING EQUIPMENT, LIGHTING, CONDUIT, AND MATERIALS NOT REQUIRED FOR RE-USE OR RE-INSTALLATION (SHOWN OR OTHERWISE) SHALL BE REMOVED. ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE OWNER, OR ARE INDICATED TO REMAIN THE PROPERTY OF THE OWNER, SHALL BE DELIVERED TO HIM ON THE PREMISES BY THE CONTRACTOR WHERE DIRECTED BY THE ARCHITECT. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
4. EXISTING CONDITIONS, I.E., PRESENCE AND LOCATION OF EQUIPMENT, LIGHTING, CONDUIT AND MATERIALS, INDICATED ARE BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EQUIPMENT, LIGHTING, CONDUIT AND MATERIALS IN THE FIELD PRIOR TO STARTING ALL WORK.
5. EXISTING EQUIPMENT SIZES NOTED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND ARE NOT WARRANTED TO BE CORRECT. CONTRACTOR SHALL VERIFY ALL SIZES IN THE FIELD IF THEY EFFECT HIS WORK.
6. EXISTING EQUIPMENT, CONDUIT, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE-INSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH NEW WORK SPECIFICATION. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ARCHITECT AND AT NO ADDITIONAL CONTRACT COST.
7. PATCH ALL DISTURBED SURFACES, INCLUDING WALLS, CEILINGS, ROOF, AND FLOOR. PATCHING SHALL MATCH EXISTING ADJACENT SURFACES AS TO THICKNESS, TEXTURE, MATERIALS, AND COLOR. ALL PATCHING SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER/ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
8. IN GENERAL, ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "LIGHT" IS EXISTING TO REMAIN. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "LIGHT WITH A DASH/DOT PATTERN" ARE EXISTING TO BE REPLACED. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "HEAVY WITH A HATCH PATTERN" ARE TO BE DEMOLISHED. ALL EQUIPMENT, CONDUITS, AND MATERIALS SHOWN "HEAVY" ARE NEW CONSTRUCTION.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JURISDICTIONS APPLICABLE CODES AND THE LOCAL FIRE MARSHALL'S REQUIREMENTS.
10. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL OTHER TRADES/SUBCONTRACTORS.

DRAWING NOTES

1. REINSTALL EXISTING POLES AND POLE FIXTURES ON NEW POLE BASES WHERE SHOWN. PROVIDE NEW LAMPS WITHIN POLE FIXTURES. MAINTAIN EXISTING LIGHTING CONTROLS FOR LOT LIGHTING.



**GORDON
JOHNSON**
Architecture

654 Reg Street, Suite 4
Charlotte, NC 28215
Phone (704) 253-5188
Fax (704) 253-5188
gordonjohnsonarchitecture.com
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Charlotte, NC 28217
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2

ELECTRICAL SITE PLAN

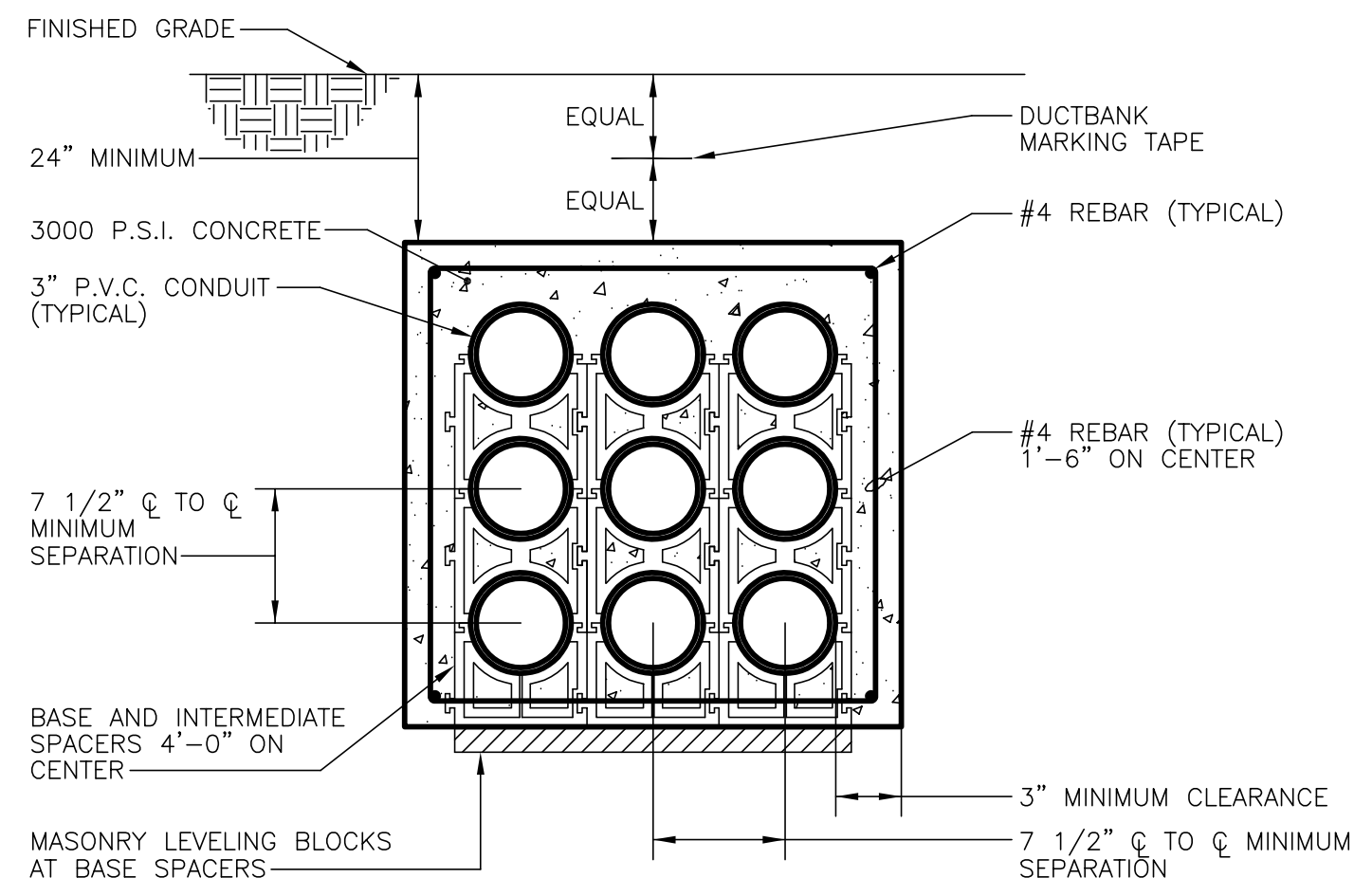
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEWED BY: JMW
DATE: 03-20-2020
PROJECT NO.: 1808

REVISIONS

1	NOVEMBER 5, 03/24/20
2	DE-2 05/20/20

SHEET NUMBER
E0.10



NOTE: REBAR REQUIRED UNDER ROADWAYS ONLY

3-WAY DUCT BANK 3X3
SCALE: NONE

3X3 DUCTBANK. SEE DETAIL ON THIS SHEET.
IT-MDP-1= (5) 3" CONDUITS
IT-HD-1= (2) 3" CONDUITS
IT-HSB-1= (1) 2-1/2" CONDUITS
IT-HLS-1= (1) 1-1/4" CONDUIT

DRAWING NOTES:

1. PROVIDE POWER TO JUNCTION BOX FOR PUMP/PUMP CONTROLLER. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. COORDINATE LENGTH OF ANY FACTORY SUPPLIED CABLES WITH MANUFACTURER.
2. PROVIDE ALL JUNCTION BOXES, RACEWAY, AND CONNECTIONS FOR COMPLETE AND OPERABLE BAGGAGE SCREEN SYSTEM. COORDINATE ALL DEVICE LOCATIONS PRIOR TO ROUGH-IN.
3. PROVIDE #43 AND #8 GROUND IN 1-1/4" CONDUIT TO DISCONNECT SWITCH. PROVIDE ADDITIONAL 25' OF WIRE COILED UP NEAR DISCONNECT. BHS CONTRACTOR SHALL MAKE FINAL CONNECTIONS FROM DISCONNECT TO MCP-1.
4. PROVIDE #42 AND #8 GROUND IN 1-1/2" CONDUIT TO DISCONNECT SWITCH. PROVIDE ADDITIONAL 25' OF WIRE COILED UP NEAR DISCONNECT. BHS CONTRACTOR SHALL MAKE FINAL CONNECTIONS FROM DISCONNECT TO MCP-2.
5. RECEPTACLES ON EAST WALL OF ROOM A120 ARE MOUNTED AT 44" AFF FOR RELOCATED CASEWORK.
6. PROVIDE 120V CONNECTION AND DISCONNECT FOR HYDRAULIC OIL COOLER. WIRE TO 20A, 1P BREAKER IN PANEL IT-SRP-3 CIRCUIT #13.

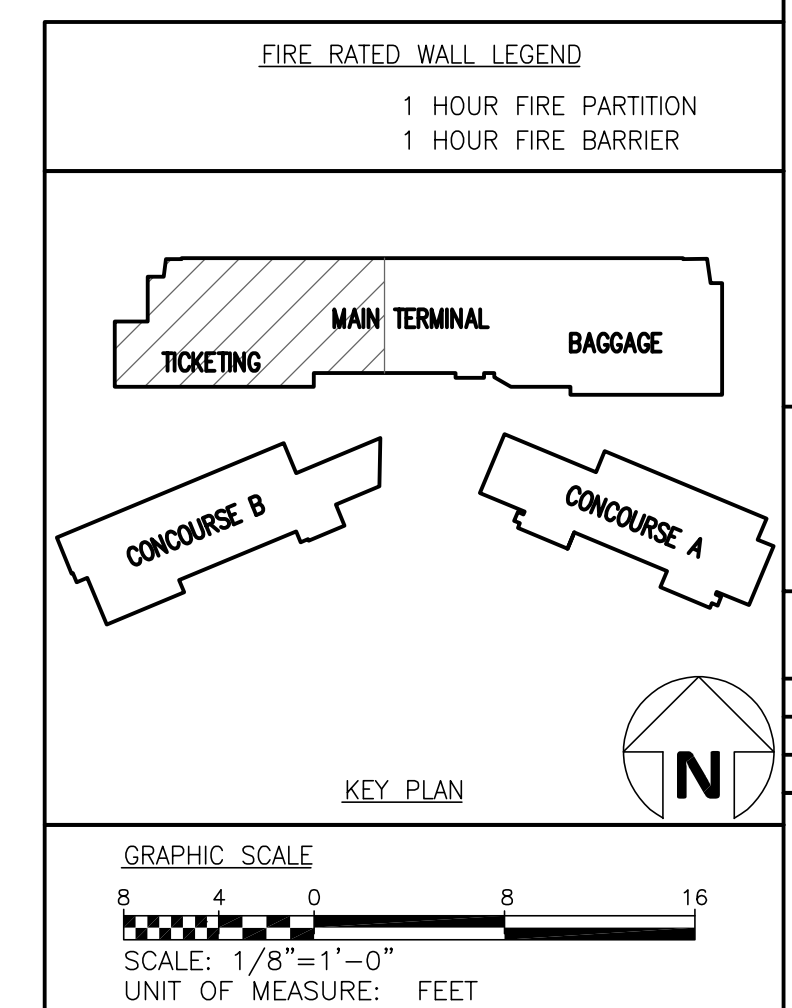
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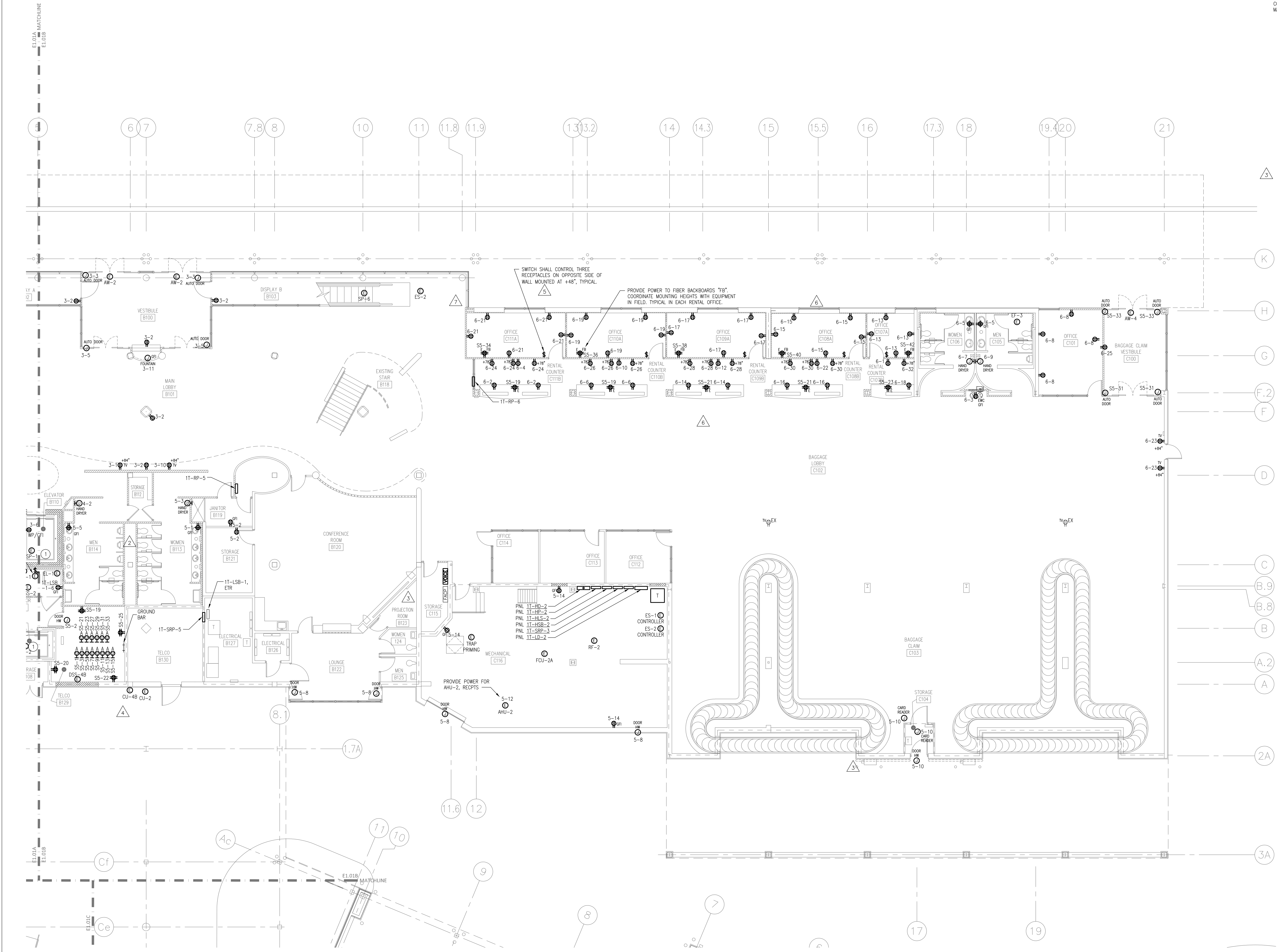
- 1-# = IT-RP-1
2-# = IT-RP-2
3-# = IT-RP-3
4-# = IT-RP-4
5-# = IT-RP-5
S1-# = IT-SRP-1
S2-# = IT-SRP-2
S3-# = IT-SRP-3

DRAWN BY: JMR
REVIEWED BY: JMD
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS		
RE-28	01/26/22	
RE-29	03/01/22	
RE-30	03/01/22	
SHEET NUMBER		

E1.01A





DRAWING NOTES:

1 PROVIDE POWER TO JUNCTION BOX FOR SUMP PUMP CONTROLLER
COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR.
COORDINATE LENGTH OF ANY FACTORY SUPPLIED CABLES WITH MANUFACTURER.

PANEL DESIGNATION:

3-# = 1T-RP-3
4-# = 1T-RP-4
5-# = 1T-RP-5
6-# = 1T-RP-6
SS-# = 1T-SRP-5

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/26/21
2	REVISED	11/25/21
3	REVISED	01/28/22

SHEET NUMBER
E1.01B

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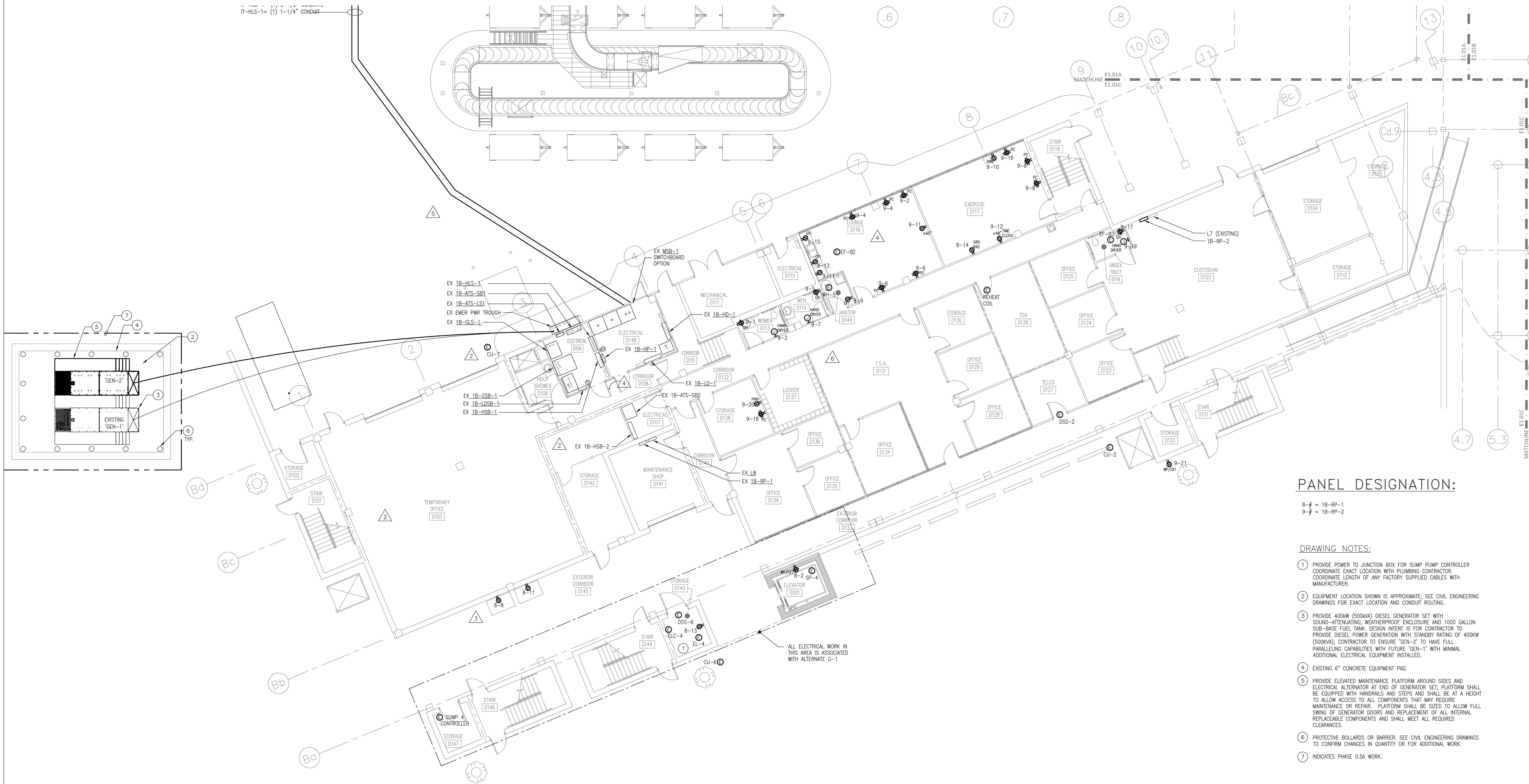
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Fayetteville, NC 28303
Phone: (910) 233-5188
Fax: (910) 233-5189
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2

FIRST FLOOR PLAN – AREA B – POWER

400 Airport Road
Fayetteville, North Carolina 28306



PANEL DESIGNATION:

8-# = 1B-RP-1
9-# = 1B-RP-2

DRAWING NOTES:

1. PROVIDE POWER TO JUNCTION BOX FOR SLUMP PUMP CONTROLLER. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. COORDINATE LENGTH OF ANY FACTORY SUPPLIED CABLES WITH MANUFACTURER.
2. EQUIPMENT LOCATION SHOWN IS APPROXIMATE; SEE CIVIL ENGINEERING DRAWINGS FOR EXACT LOCATION AND CONDUIT ROUTING.
3. PROVIDE 400kW (500kVA) DIESEL GENERATOR SET WITH SOUND-ATTENUATING, WEATHERPROOF ENCLOSURE AND 1000 GALLON SUB-BASE FUEL TANK. DESIGN INTENT IS FOR CONTRACTOR TO PROVIDE DIESEL POWER GENERATION WITH STANDBY RATING OF 400kW (500kVA); CONTRACTOR TO ENSURE 'GEN-2' TO HAVE FULL PARALLELING CAPABILITIES WITH FUTURE 'GEN-1' WITH MINIMAL ADDITIONAL ELECTRICAL EQUIPMENT INSTALLED.
4. EXISTING 6" CONCRETE EQUIPMENT PAD.
5. PROVIDE ELEVATED MAINTENANCE PLATFORM AROUND SIDES AND ELECTRICAL ALTERNATOR AT END OF GENERATOR SET; PLATFORM SHALL BE EQUIPPED WITH HANDRAILS AND STEPS AND SHALL BE AT A HEIGHT TO ALLOW ACCESS TO ALL COMPONENTS THAT MAY REQUIRE MAINTENANCE OR REPAIR. PLATFORM SHALL BE SIZED TO ALLOW FULL SWING OF GENERATOR DOORS AND REPLACEMENT OF ALL INTERNAL REPLACEABLE COMPONENTS AND SHALL MEET ALL REQUIRED CLEARANCES.
6. PROTECTIVE BOLLARDS OR BARRIER, SEE CIVIL ENGINEERING DRAWINGS TO CONFIRM CHANGES IN QUANTITY OR FOR ADDITIONAL WORK.
7. INDICATES PHASE 0.5A WORK.

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

TICKETING MAIN TERMINAL BAGGAGE

CONCOURSE B CONCOURSE A

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

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JOHNSON
Architecture

254 Reg Street, Suite 4
Fayetteville, NC 28303
Phone: (919) 233-5188
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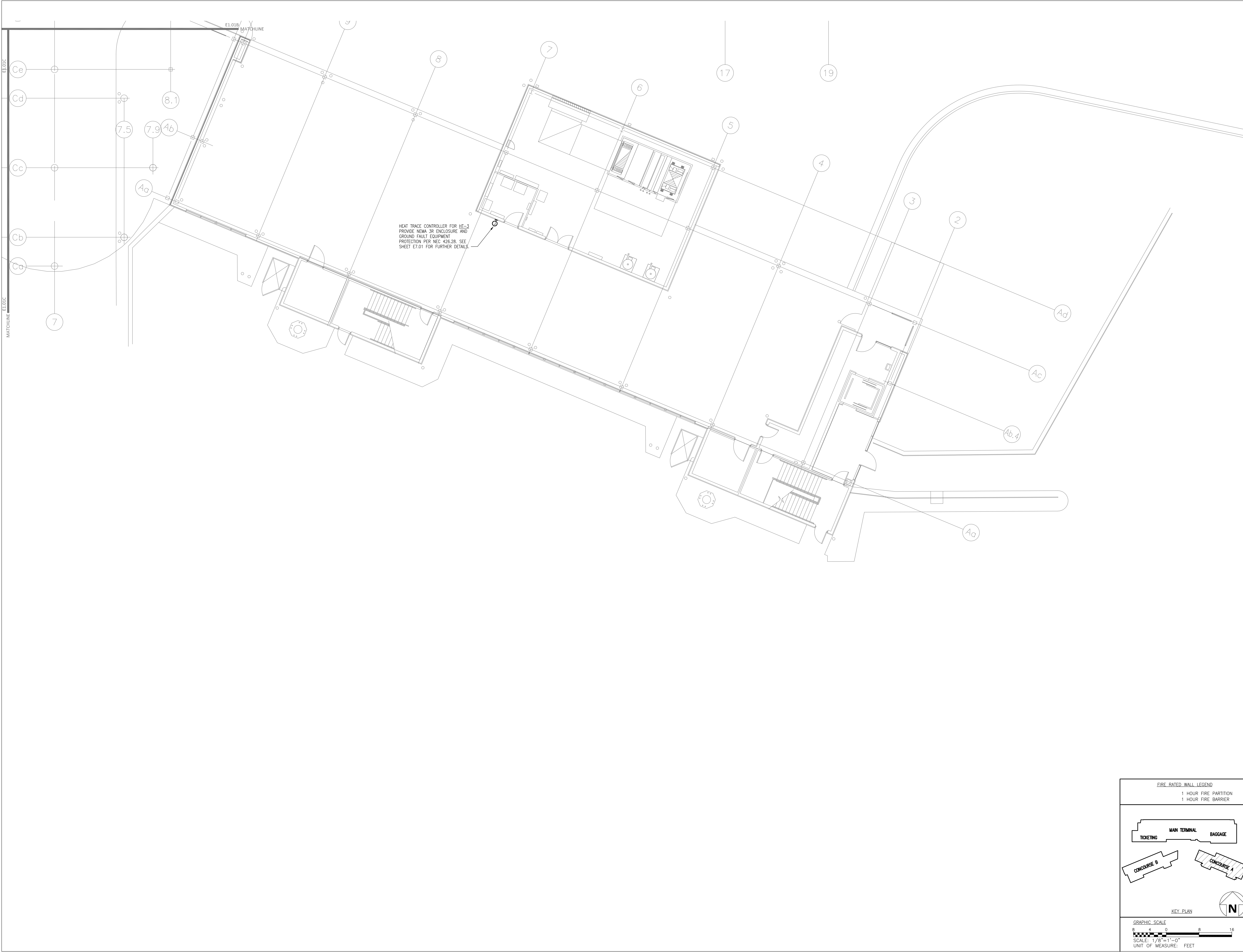
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2
FIRST FLOOR PLAN – AREA C – POWER
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: NRP
REVIEWED BY: DMD
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS
4 DE-16 02/01/20
5 DE-14 02/01/20
6 DE-19 05/03/21

SHEET NUMBER
E1.01C



HEAT TRACE CONTROLLER FOR HT-3
PROVIDE NEMA 3R ENCLOSURE AND
GROUND FAULT EQUIPMENT
PROTECTION PER NEC 426.28. SEE
SHEET E7.01 FOR FURTHER DETAILS.

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

CONCOURSE B CONCOURSE A

MAIN TERMINAL BAGGAGE

GRAPHIC SCALE

0 4 8 16

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

UNIT OF MEASURE: FEET

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Architecture

554 Key Street, Suite 4
Fayetteville, NC 28303
Phone: (910) 233-5188
Fax: (910) 233-5189
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2

FIRST FLOOR PLAN – AREA C – POWER

400 Airport Road
Fayetteville, North Carolina 28306

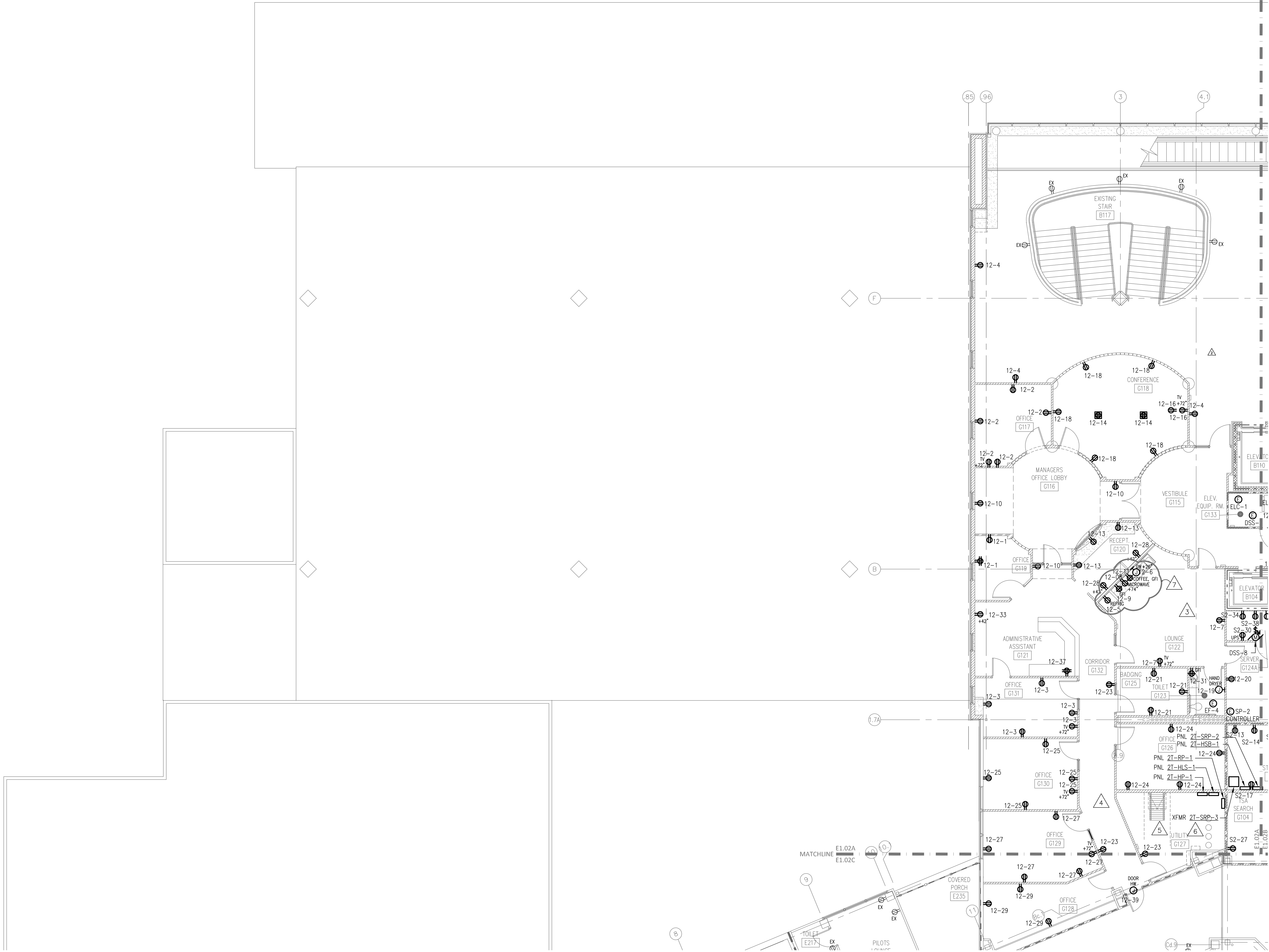
DRAWN BY: TMW
REVIEWED BY: CDC
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS

1	REV-18	01/26/22
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SHEET NUMBER

E1.01D
NEW SHEET



PANEL DESIGNATION:

12-# = 2T-RP-1
15-# = 2B-RP-2
S2-# = 2T-SRP-2

DRAWING NOTES:

1. RECEPTABLES SHALL BE MOUNTED ON WALL AT FLOOR LEVEL. OUTLET BOX SHALL BE MOUNTED HORIZONTALLY, WITH CONDUIT ROUTED TO CEILING SPACE OF FLOOR BELOW.

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

REVISIONS

NO.	DESCRIPTION	DATE
1	REVISED	07/19/19
2	REVISED	08/09/21
3	REVISED	11/15/21

SHEET NUMBER

E1.02A

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA A – POWER

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: TMM
REVIEWED BY: MT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS

NO.	DESCRIPTION	DATE
1	REVISED	07/19/19
2	REVISED	08/09/21
3	REVISED	11/15/21

SHEET NUMBER

E1.02A

GORDON
JOHNSON
Architecture

254 Bay Street, Suite 4
Fayetteville, NC 28301
Phone: (910) 233-5188
Fax: (910) 233-5188
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PANEL DESIGNATION:

- 12-# = 21-RP-1
- 14-# = 2B-RP-1
- 15-# = 2B-RP-2
- S2-# = 21-SRP-2

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA C – POWER

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: TAW
REVIEWED BY: MT
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS	
NO. 1	08/14/19
2	08/26/20

SHEET NUMBER

E1.02C

FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

TERMINAL BUILDING

CONCOURSE B

CONCOURSE A

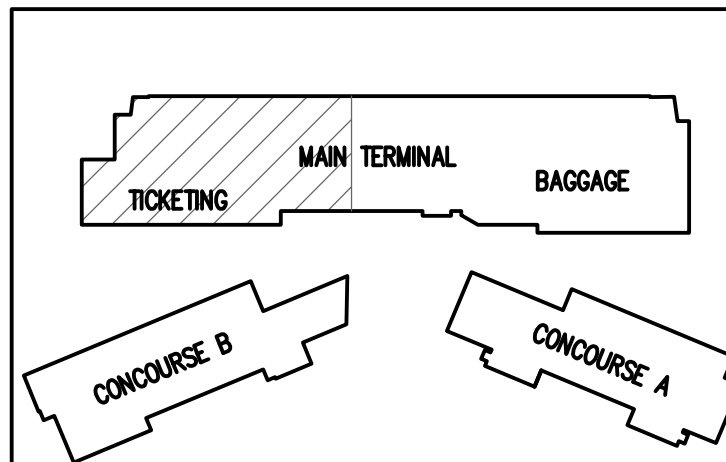
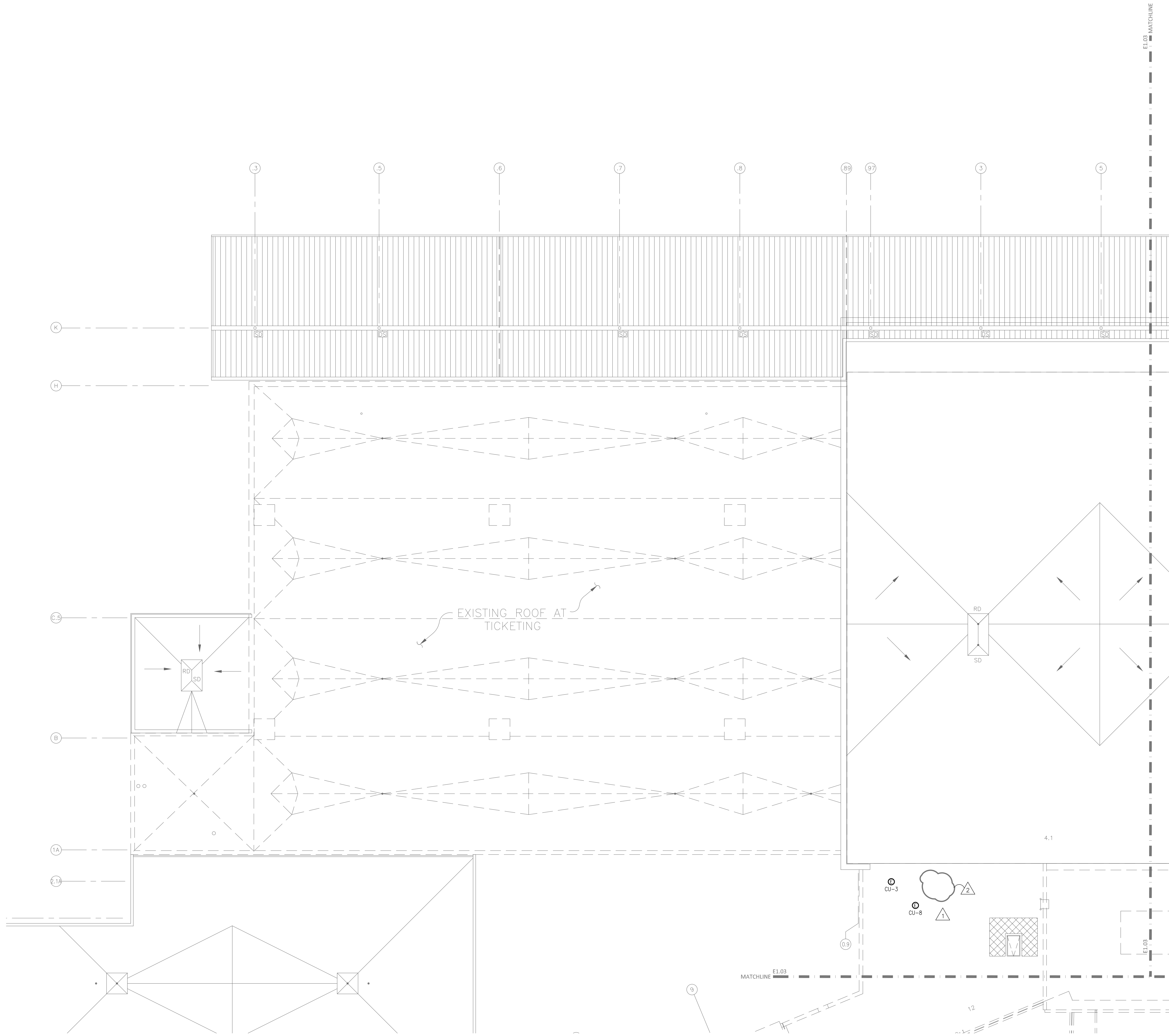
KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

N



REVISIONS		
1	PRE-8	08/24/20
2	PRE-15	02/24/21

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

SHEET NUMBER
E1.03A

GORDON JOHNSON
Architecture
254 Bay Street, Suite 4
Fayetteville, NC 28303
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2
ROOF PLAN – AREA A

400 Airport Road
Fayetteville, North Carolina 28306

PANEL DESIGNATION:

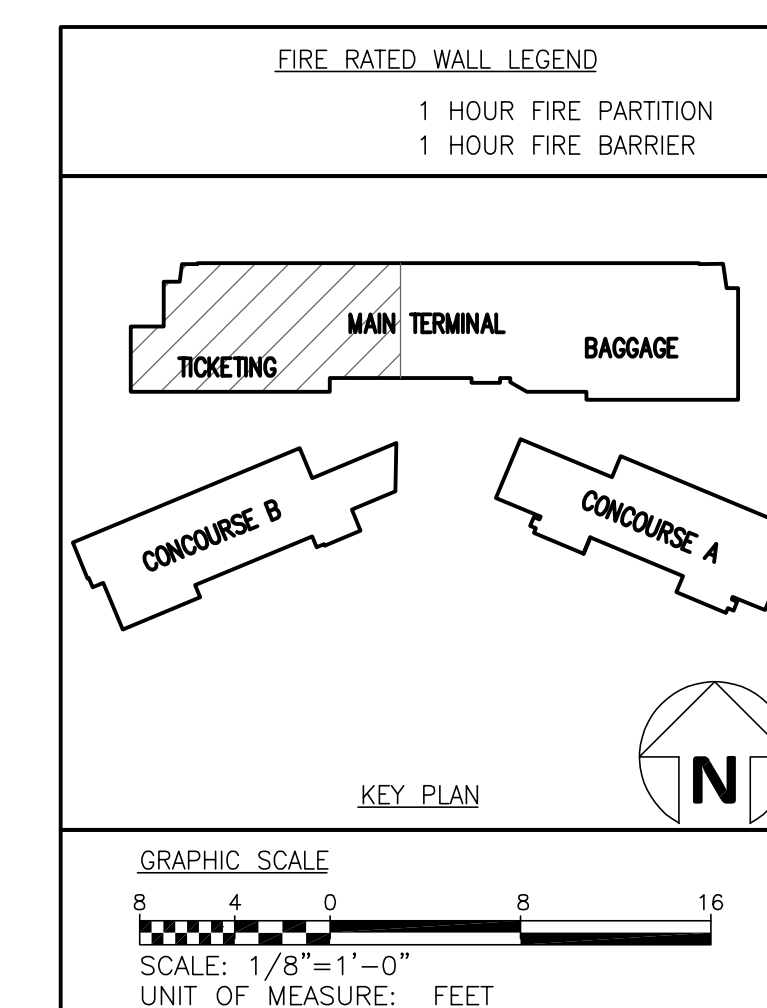
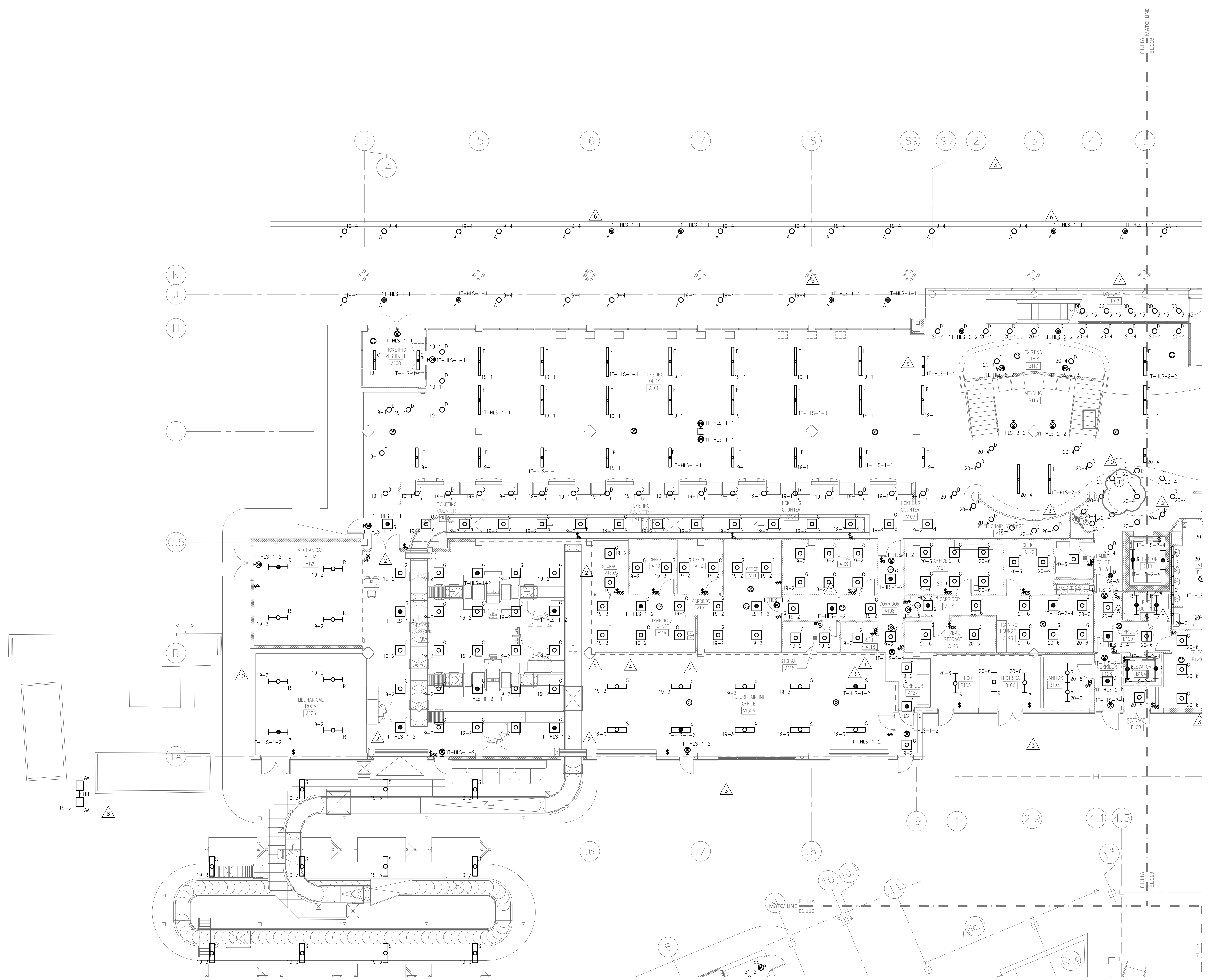
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20-# = 1T-HP-2
21-# = 1B-HP-1

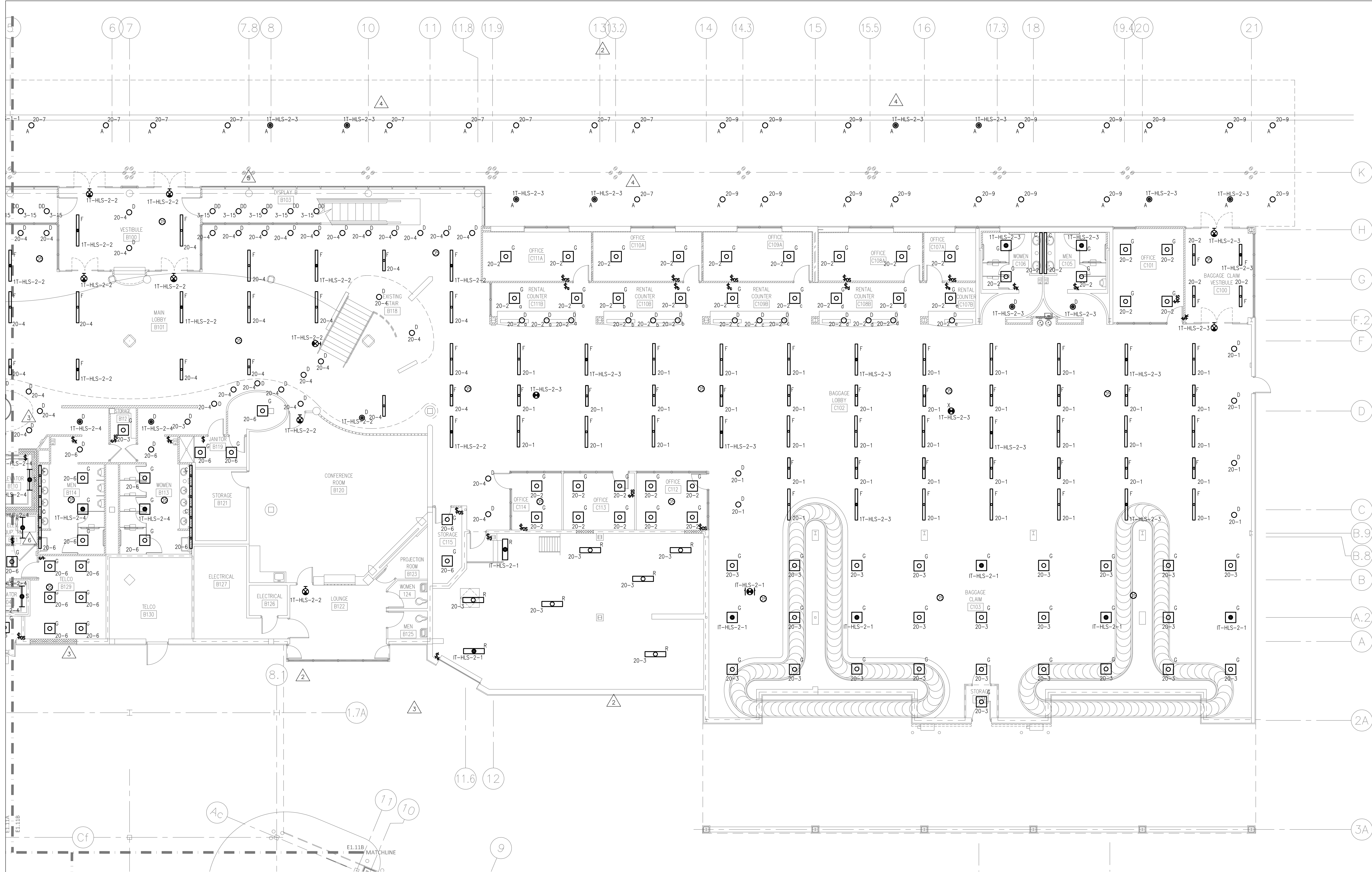
GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ALL COVE STRIP LIGHTS SHOWN ON ARCHITECTURAL DRAWINGS AND CONNECT TO NEAREST LIGHTING CIRCUIT SHOWN ON LIGHTING PLANS. ALL COVE LIGHTING SHALL BE SWITCHED OFF VIA TIME CLOCK FROM 12AM TO 4AM.
- LIGHTING CIRCUITS IN OPEN AREAS ON NORMAL POWER SHALL BE CONTROLLED VIA TIME CLOCK AND OCCUPANCY SENSORS. TIME CLOCK SHALL BE LOCATED IN MECHANICAL ROOM C116. TIME CLOCK SHALL TURN CIRCUITS OFF DURING THE HOURS OF 12AM-4AM WITH OCCUPANCY SENSOR OVERRIDE. ALL LIGHTING ON LIFE SAFETY EMERGENCY CIRCUITS SHALL BE NIGHTLIGHT CIRCUITS AND REMAIN ON.

DRAWING NOTES:

- PROVIDE SONNEMAN DOUBLE CORONA RING PENDANT #2307.16, 277V BRIGHT SATIN ALUMINUM FINISH, LED, 102 WATTS, OR APPROVED EQUAL.





PANEL DESIGNATION:

20-# = 1T-HP-2

GENERAL NOTES:

- A. CONTRACTOR SHALL PROVIDE ALL COVE STRIP LIGHTS SHOWN ON ARCHITECTURAL DRAWINGS AND CONNECT TO NEAREST LIGHTING CIRCUIT SHOWN ON LIGHTING PLANS. ALL COVE LIGHTING SHALL BE SWITCHED OFF VIA TIME CLOCK FROM 12AM TO 4AM.
- B. LIGHTING CIRCUITS IN OPEN AREAS ON NORMAL POWER SHALL BE CONTROLLED VIA TIME CLOCK AND OCCUPANCY SENSORS. TIME CLOCK SHALL BE LOCATED IN MECHANICAL ROOM C116. TIME CLOCK SHALL TURN CIRCUITS OFF DURING THE HOURS OF 12AM-4AM WITH OCCUPANCY SENSOR OVERRIDE. ALL LIGHTING ON LIFE SAFETY EMERGENCY CIRCUITS SHALL BE NIGHTLIGHT CIRCUITS AND REMAIN ON.

GORDON JOHNSON
Architecture

254 Reg Street, Suite 4
Fayetteville, NC 28301
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Fax: (910) 233-5189
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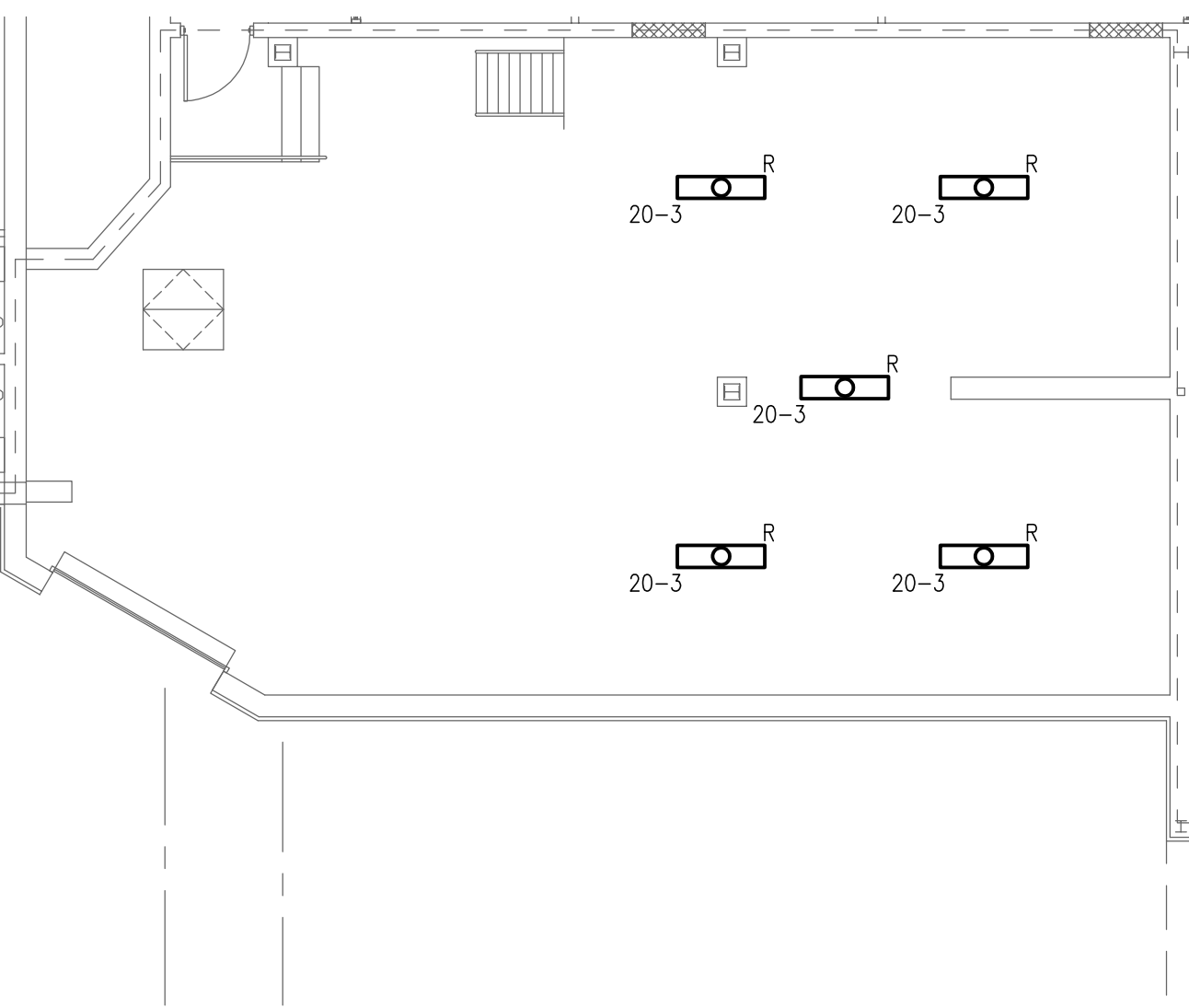
Fayetteville Regional Airport – Airline Terminal Improvements Part 2
FIRST FLOOR PLAN – AREA B – LIGHTING

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JMW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS	
RE-14	02/10/21
RE-16	03/18/21
RE-24	11/05/21
SHEET NUMBER	

E1.11B



UPPER LEVEL MECHANICAL C116
SCALE: 1/8" = 1'-0"

FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

MAIN TERMINAL

TICKETING BAGGAGE

CONCOURSE B CONCOURSE A

KEY PLAN

GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

N

- DRAWING NOTES:
1. FIXTURE TYPES GG AND HH IN THIS AREA SHALL BE REPLACED IN SAME LOCATION. EXISTING CHSULB SHALL BE REUSED.
 2. PROVIDE SONNEMAN DOUBLE CORONA RING PENDANT #2307.16, 277V BRIGHT SATIN ALUMINUM FINISH, LED, 102 WATTS, OR APPROVED EQUAL.

PANEL DESIGNATION:

23-# = 2T-HP-1

**GORDON
JOHNSON**
Architecture

554 Reg Street, Suite 4
Fayetteville, NC 28303
Phone: (910) 233-5188
Fax: (910) 233-5188
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SECOND FLOOR PLAN – AREA A – LIGHTING

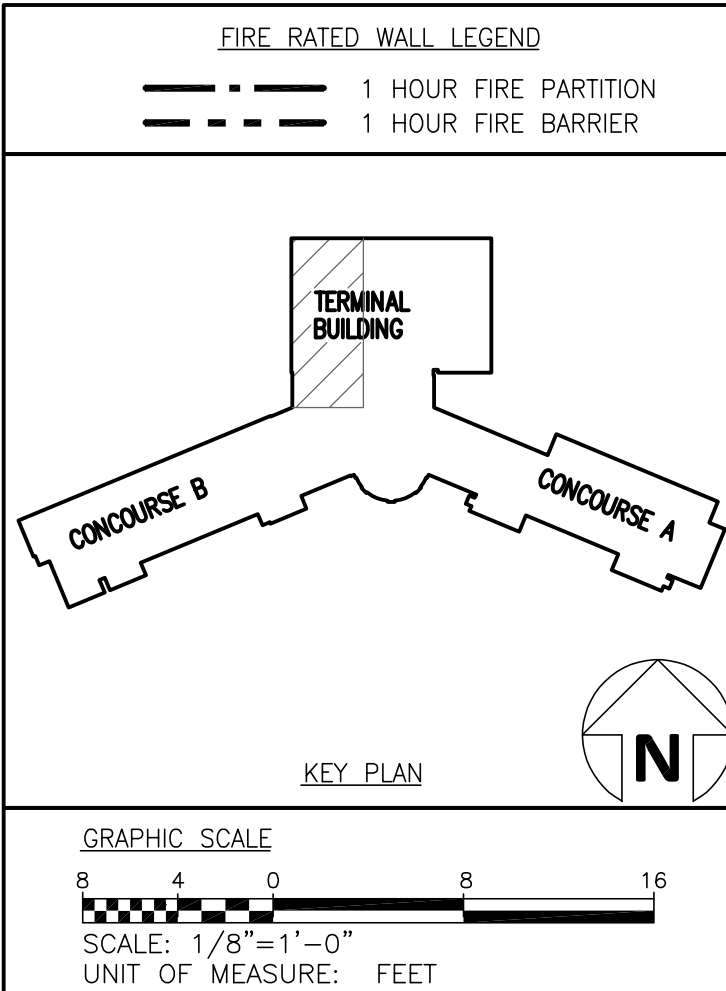
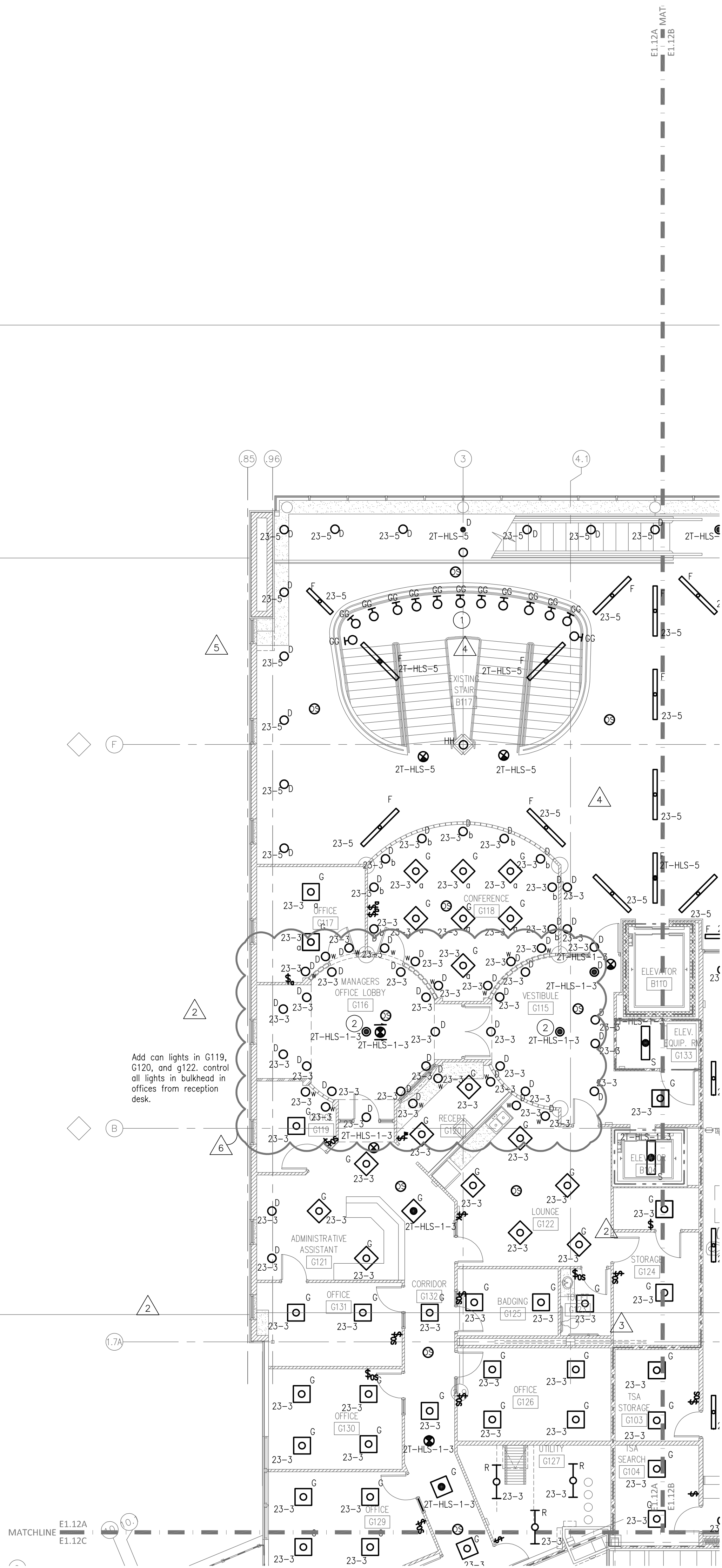
400 Airport Road
Fayetteville, North Carolina 28306

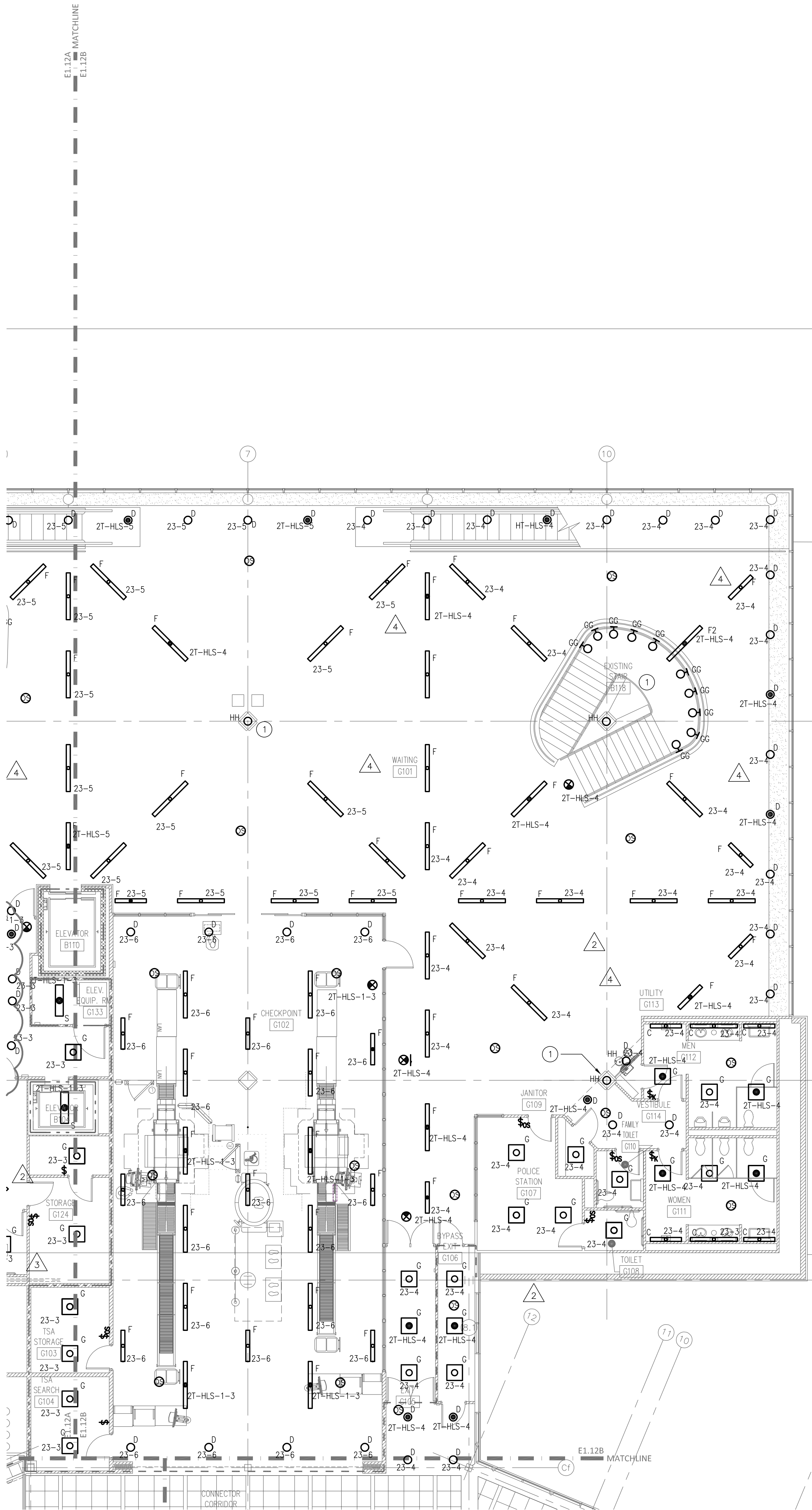
DRAWN BY: TJW
REVIEWED BY: MT
DATE: 07-18-19
PROJECT NO.: 1808

REVISIONS	
RE-18	04/28/21
RE-21	11/15/21
RE-27	02/07/22

SHEET NUMBER

E1.12A





KEY NOTES:
① TYPE GG AND HH FIXTURES IN THIS AREA ARE TO REPLACE EXISTING FIXTURES AND REUSE EXISTING CIRCUITS.

PANEL DESIGNATION:
23-# = 27-HP-1

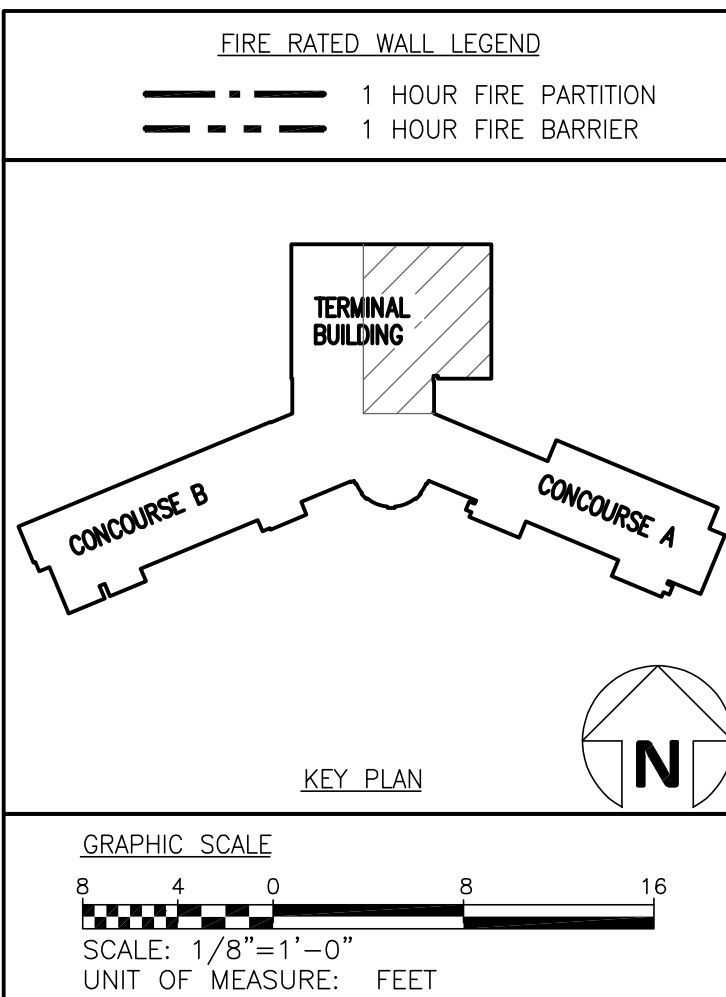
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Architecture

834 Reg Street, Suite 4
Fayetteville, NC 28315
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Fayetteville Regional Airport – Airline Terminal Improvements Part 2
SECOND FLOOR PLAN – AREA B – LIGHTING

400 Airport Road
Fayetteville, North Carolina 28306



DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-18-19
PROJECT NO.: 1808

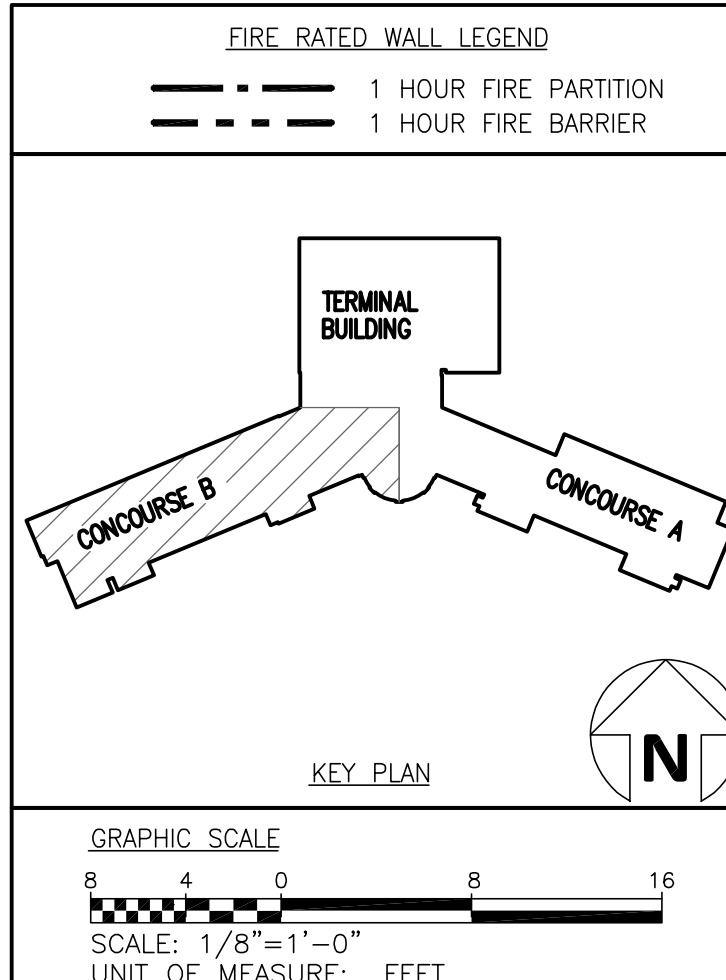
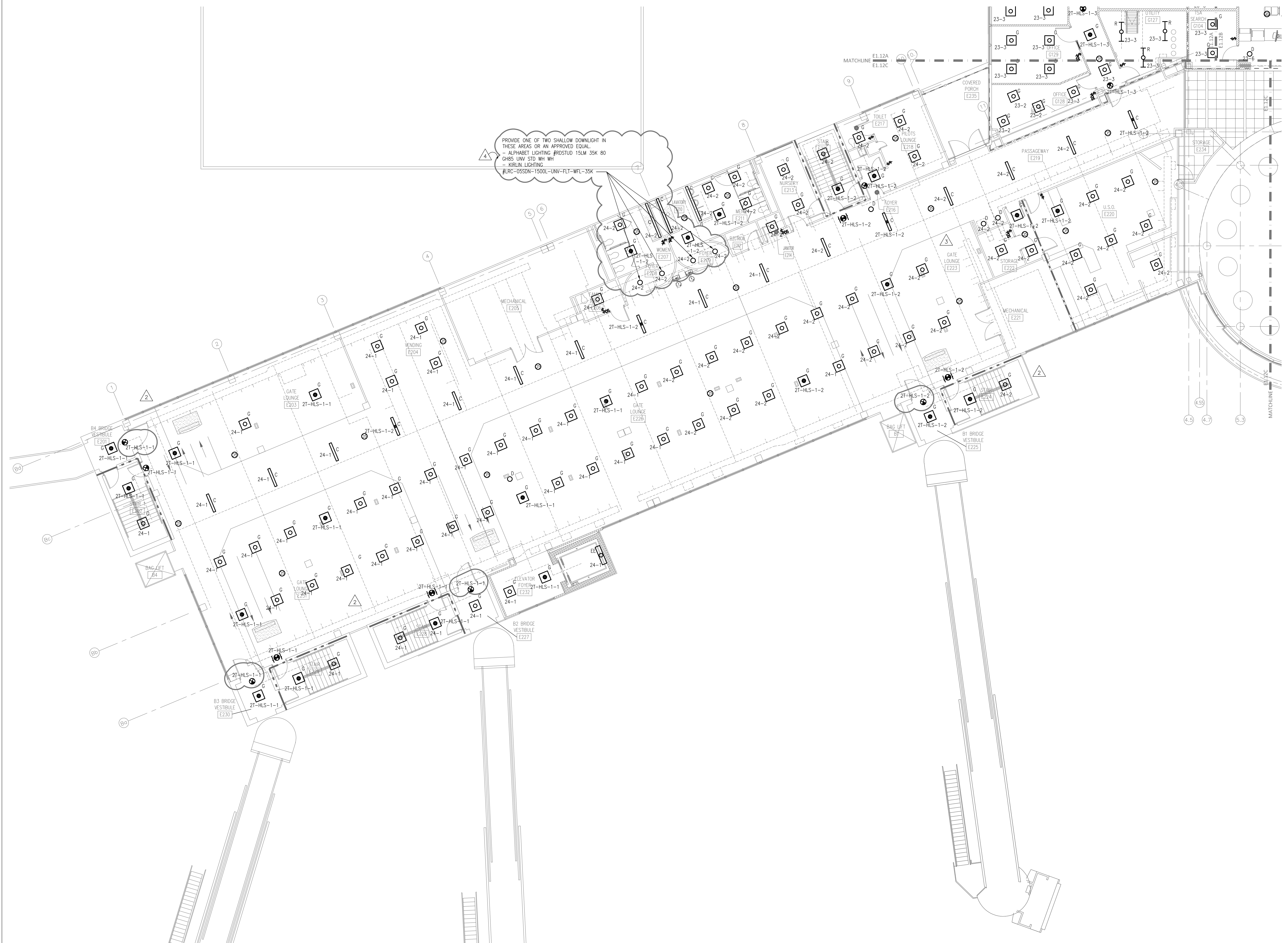
REVISIONS		
1	ISSUED	
2	REV 18	04/28/21
3	REV 21	11/15/21

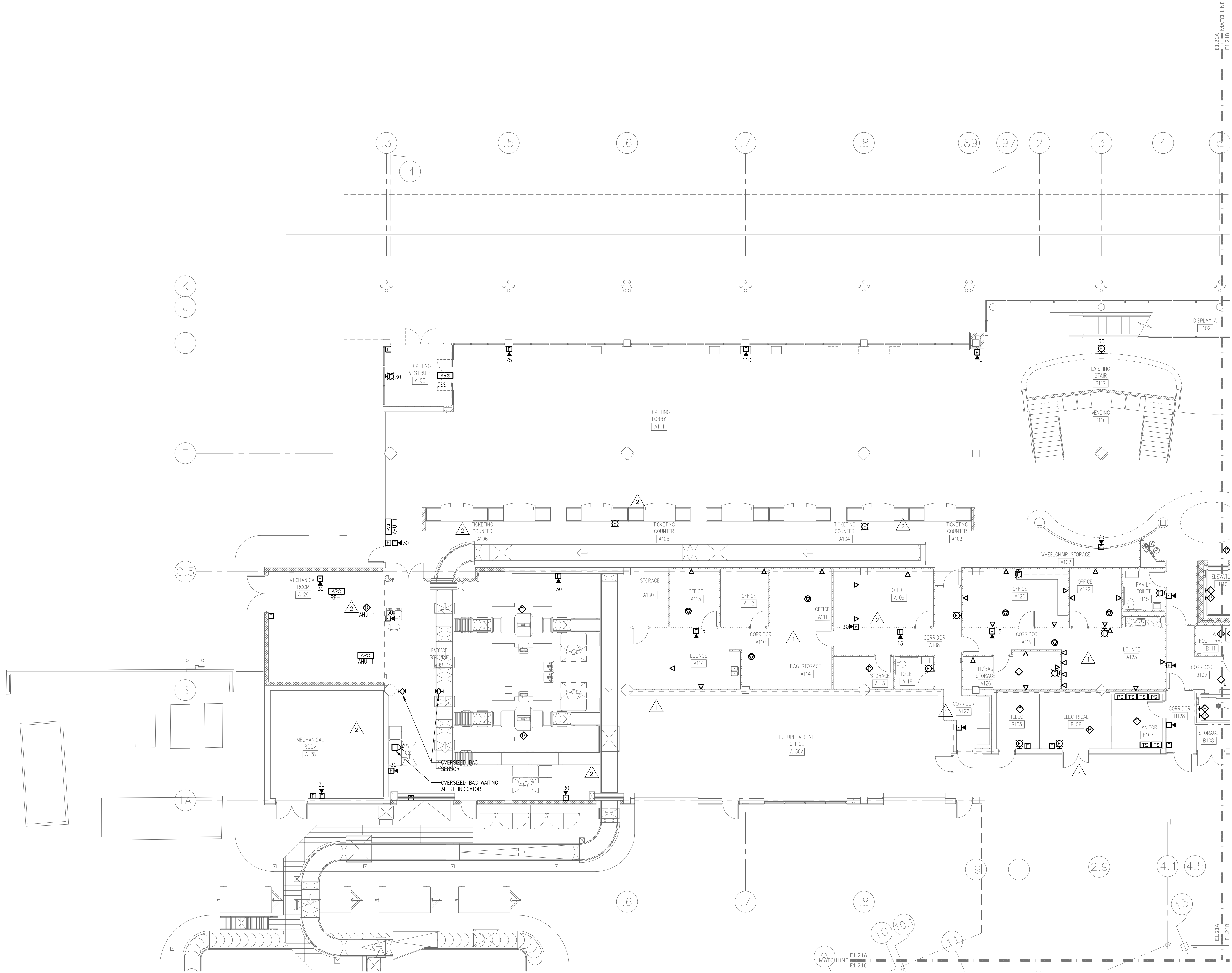
SHEET NUMBER
E1.12B

GENERAL NOTES:
A. LIGHTING CIRCUITS IN OPEN AREAS ON NORMAL POWER SHALL BE CONTROLLED VIA TIME CLOCK AND OCCUPANCY SENSORS. TIME CLOCK SHALL BE LOCATED IN MECHANICAL ROOM E221. TIME CLOCK SHALL TURN CIRCUITS OFF DURING THE HOURS OF 12AM-4AM WITH OCCUPANCY SENSOR OVERRIDE. ALL LIGHTING ON LIFE SAFETY EMERGENCY CIRCUITS SHALL BE NIGHTLIGHT CIRCUITS AND REMAIN ON.

PANEL DESIGNATION:

23-# = 2T-HP-1
24-# = 2B-HP-1
25-# = 2A-HP-1





FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

REVISIONS

NO.	DESCRIPTION	DATE
1	DE-2	10/22/20
2	DE-10	11/24/20

SHEET NUMBER

E1.21A

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

FIRST FLOOR PLAN – AREA A – SPECIAL SYSTEMS

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS

NO.	DESCRIPTION	DATE
1	DE-2	10/22/20
2	DE-10	11/24/20

SHEET NUMBER

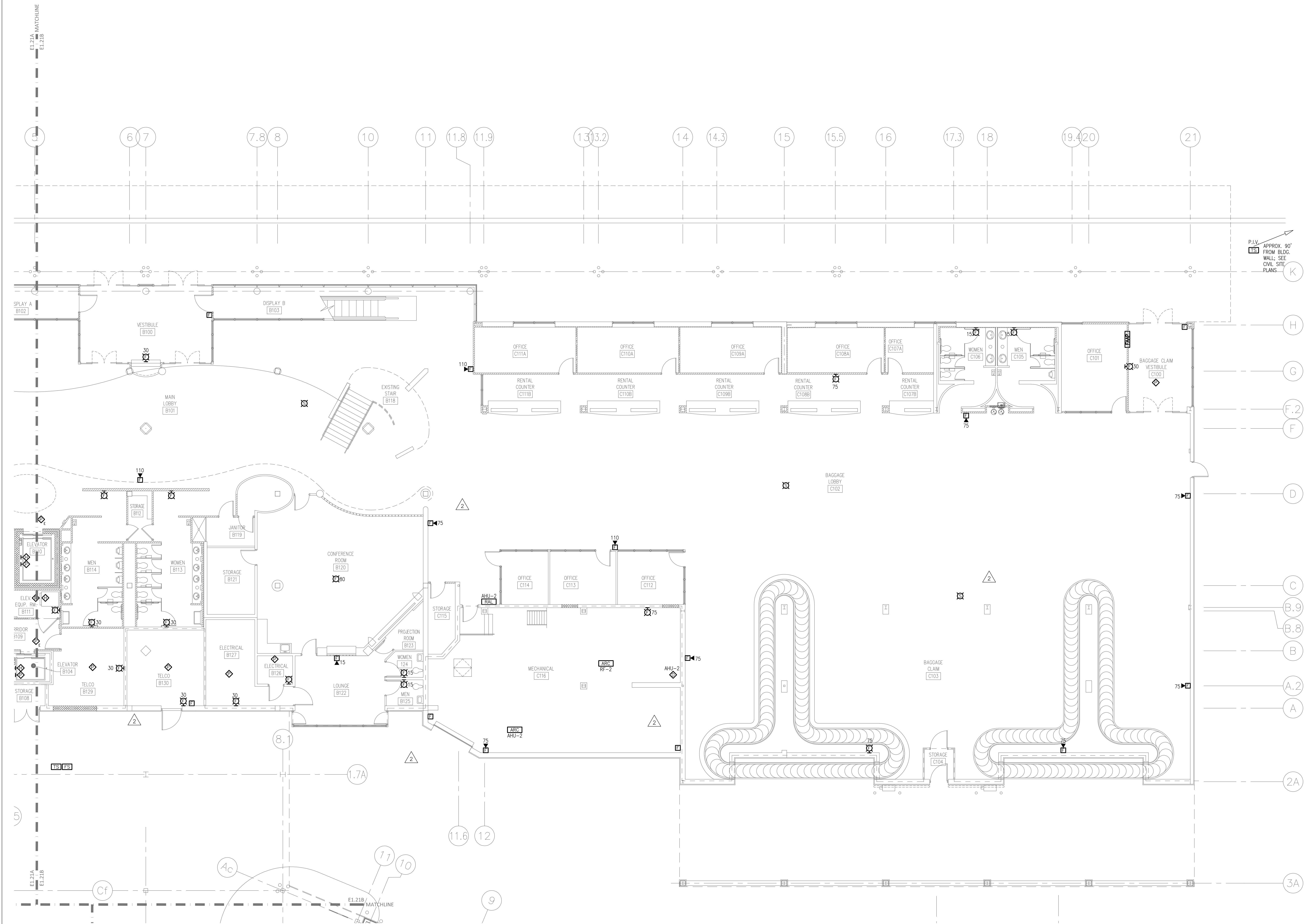
E1.21A

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Architecture

834 Bay Street, Suite 4
Fayetteville, NC 28305
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FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

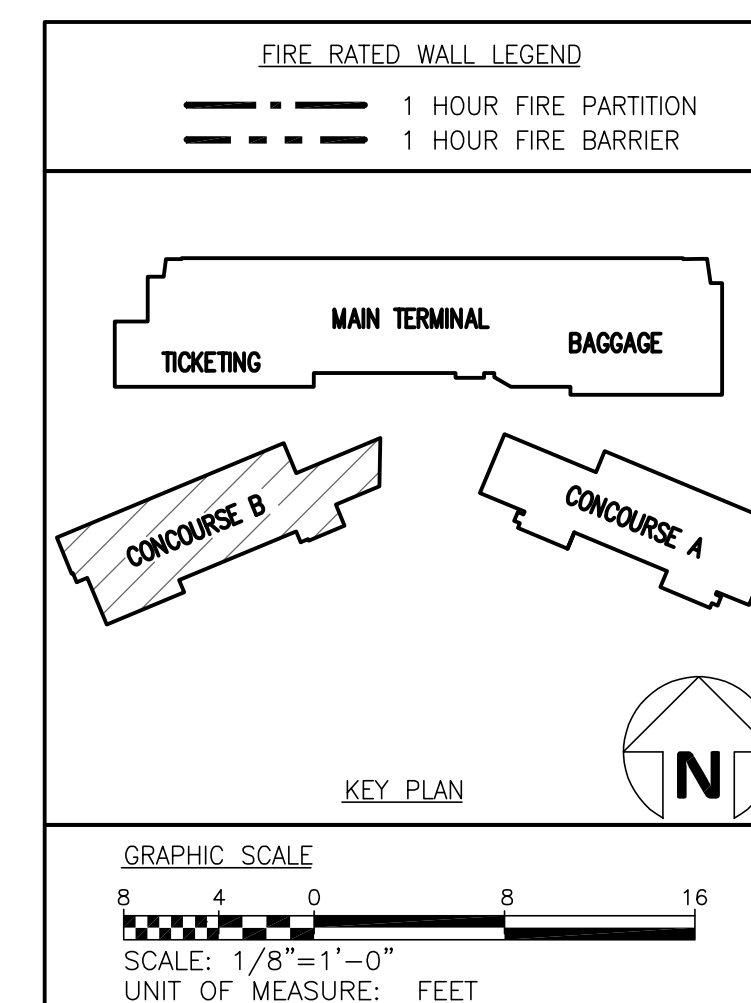
GRAPHIC SCALE
SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

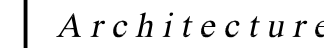
REVISIONS

NO.	DESCRIPTION	DATE
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2	REVISED PER COMMENTS	07-19-18
3	REVISED PER COMMENTS	07-19-18
4	REVISED PER COMMENTS	07-19-18
5	REVISED PER COMMENTS	07-19-18
6	REVISED PER COMMENTS	07-19-18
7	REVISED PER COMMENTS	07-19-18
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100	REVISED PER COMMENTS	07-19-18

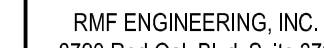
400 Airport Road
Fayetteville, North Carolina 28306

SHEET NUMBER

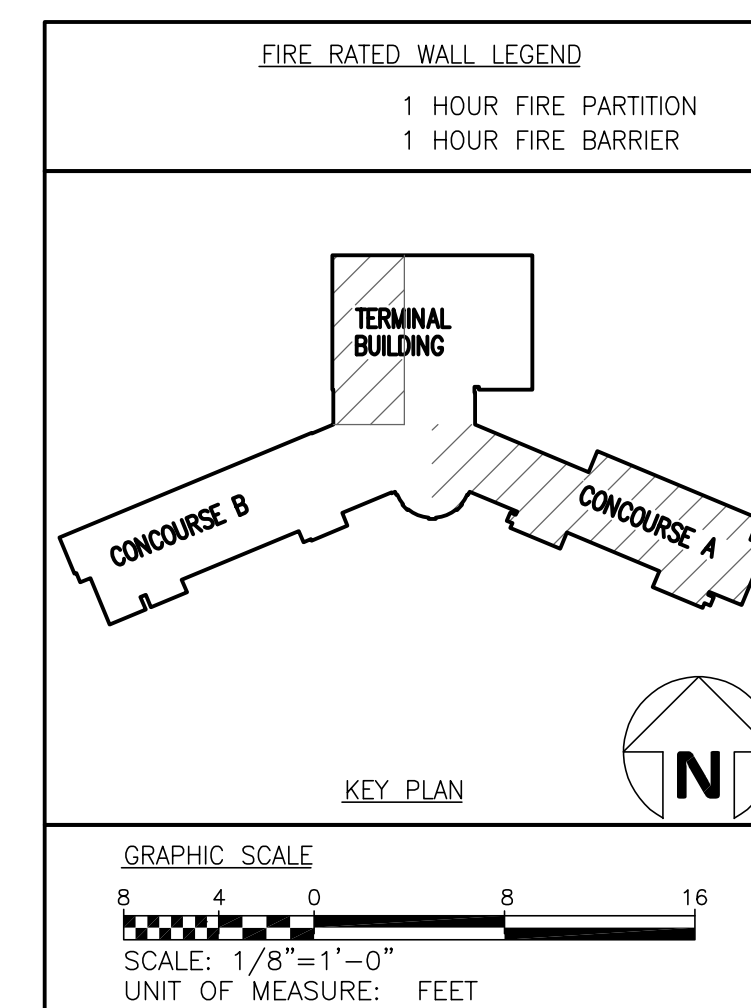




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SECOND FLOOR PLAN – AREA A – SPECIAL
SYSTEMS

400 Airport Road
Fayetteville, North Carolina 28306

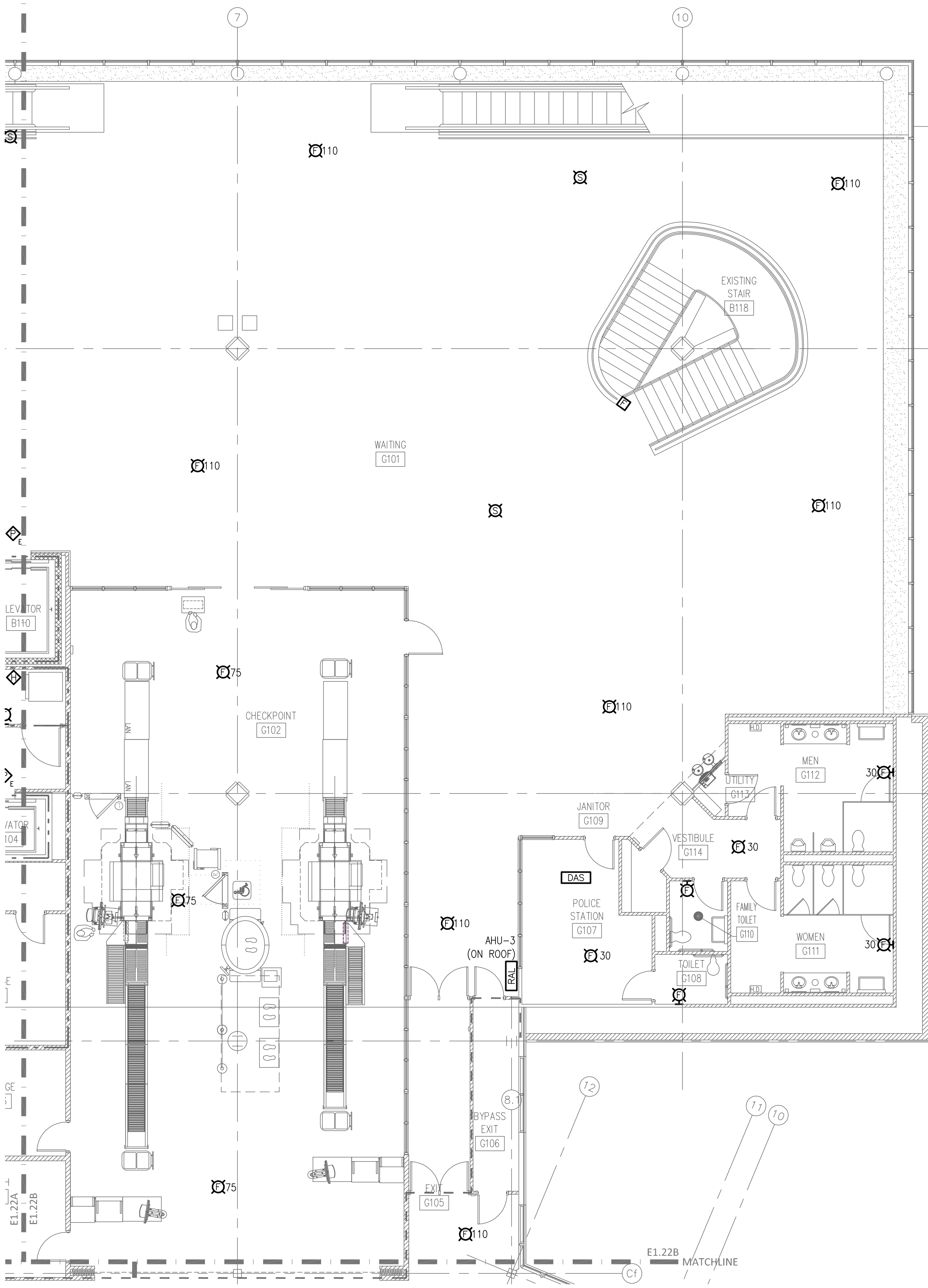
SHEET NUMBER

71.00

11-122

LL, ZZ

E1.22A
E1.22B
MATCHLINE



FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

REVISIONS

NO.	DATE	DESCRIPTION
1	07-18-19	11/24/20

SHEET NUMBER

E1.22B

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA B – SPECIAL SYSTEMS

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JMW
REVIEWED BY: JMT
DATE: 07-18-19
PROJECT NO.: 1808

E1.22B

GORDON JOHNSON
Architecture

554 Bay Street, Suite 4
Fayetteville, NC 28303
Phone: (910) 233-5188
Fax: (910) 233-5188
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FIRE RATED WALL LEGEND

- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER

KEY PLAN

TERMINAL BUILDING
CONCOURSE B
CONCOURSE A

GRAPHIC SCALE

SCALE: 1/8"=1'-0"
UNIT OF MEASURE: FEET

8 4 0 8 16

DRAWN BY: JHW
REVIEWED BY: JMT
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS	
RE-19	11/24/20
SHEET NUMBER	

E1.22C

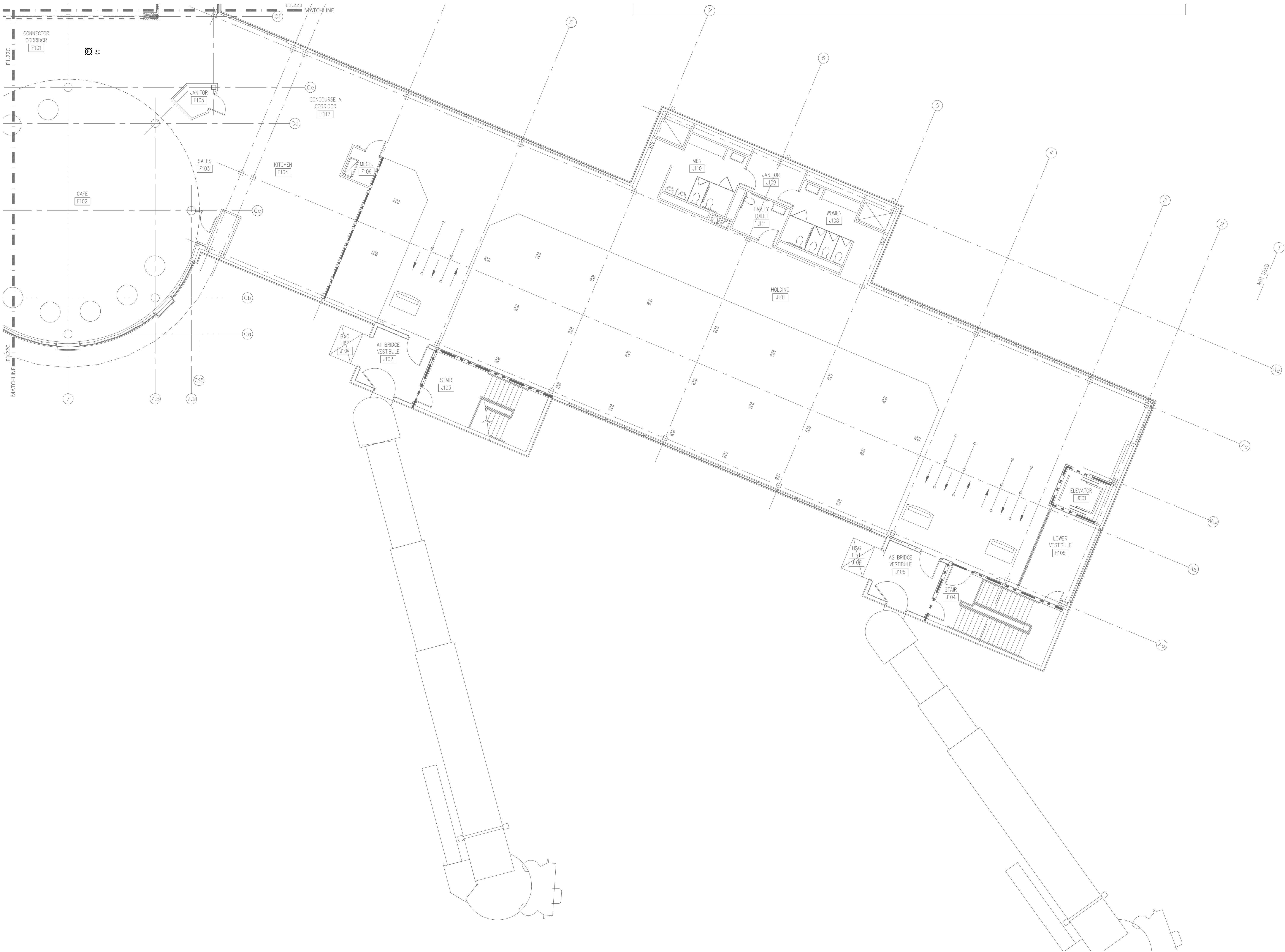
Fayetteville Regional Airport – Airline Terminal Improvements Part 2
SECOND FLOOR PLAN – AREA C – SPECIAL
SYSTEMS

400 Airport Road
Fayetteville, North Carolina 28306

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554 Bay Street, Suite 4
Fayetteville, NC 28303
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FIRE RATED WALL LEGEND

1 HOUR FIRE PARTITION
1 HOUR FIRE BARRIER

TERMINAL BUILDING

CONCOURSE B

CONCOURSE A

KEY PLAN

GRAPHIC SCALE

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

UNIT OF MEASURE: FEET

REVISIONS

RE-14	02/26/21
-------	----------

SHEET NUMBER

E1.22D

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

SECOND FLOOR PLAN – AREA C – SPECIAL SYSTEMS

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: JHW

REVIEWED BY: JMT

DATE: 07-19-19

PROJECT NO.: 1808

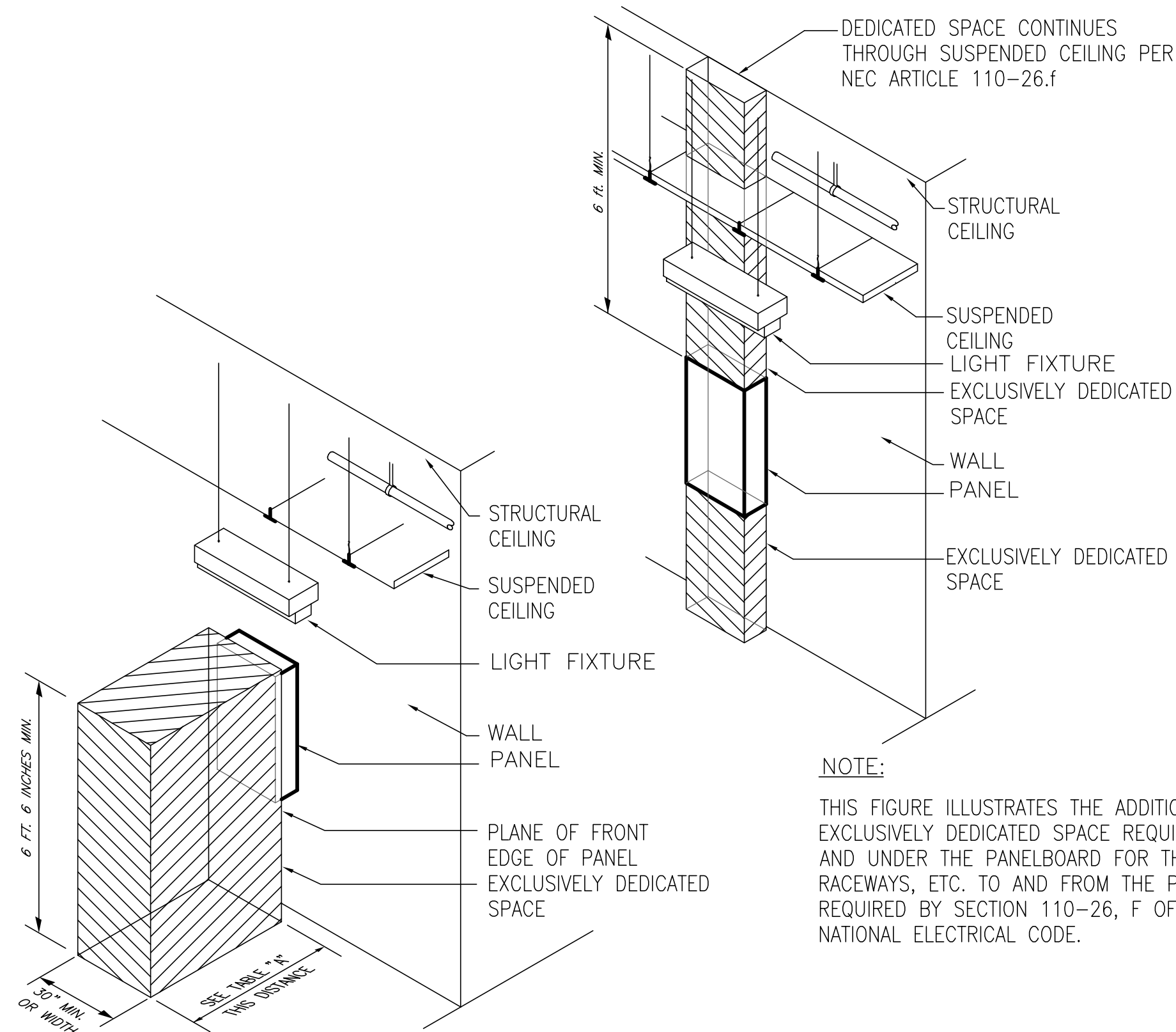
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NOTE:
THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER THE PANELBOARD FOR THE CABLES, RACEWAYS, ETC. TO AND FROM THE PANELBOARD REQUIRED BY SECTION 110-26, F OF THE NATIONAL ELECTRICAL CODE.

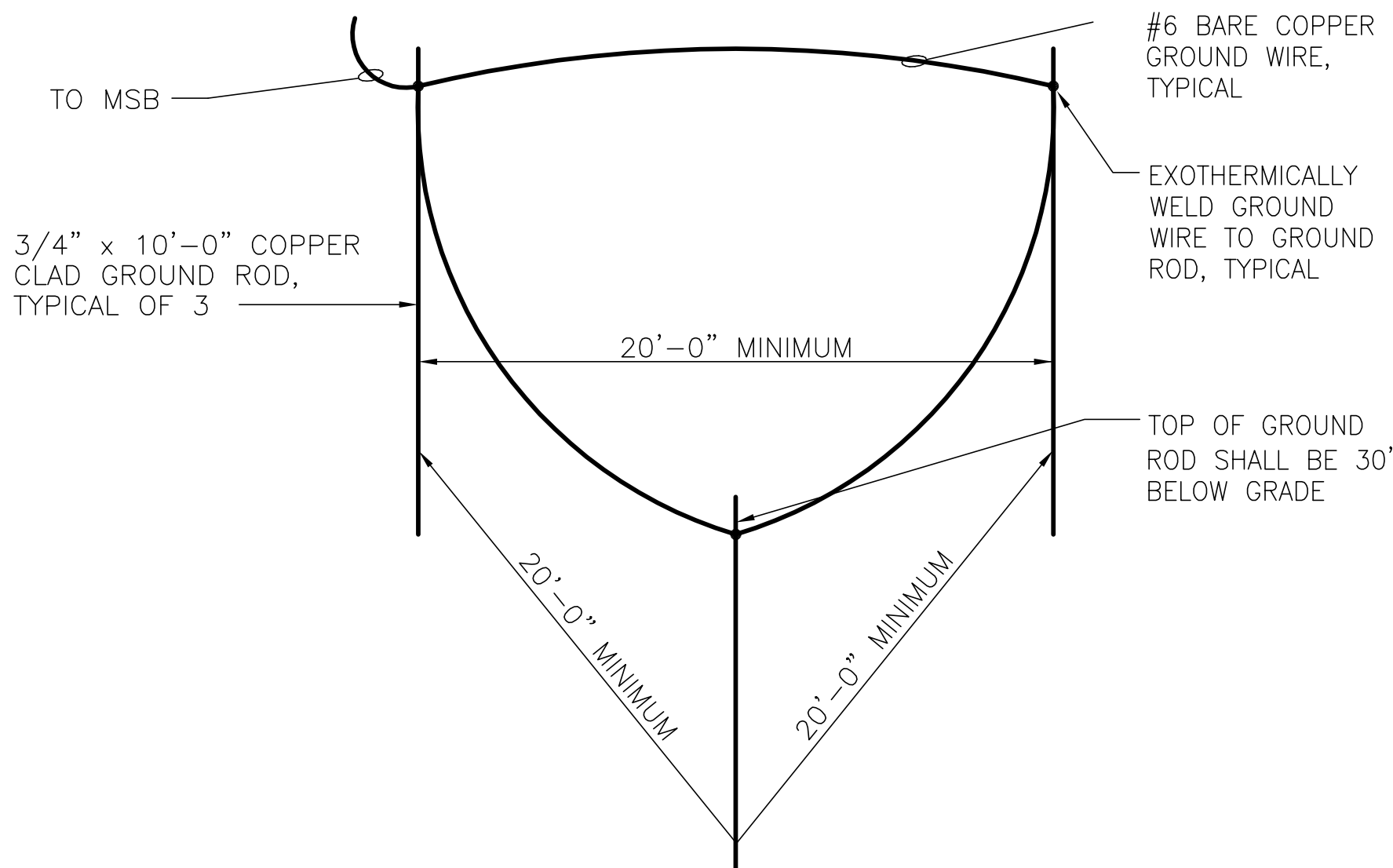
TABLE 110-26.(A)(1) WORKING SPACES				
VOLTAGE TO GROUND, NOMINAL	MINIMUM CLEAR DISTANCE (FEET)			
	CONDITION*	1	2	3
0-150		3	3	3
151-600		3	3 1/2	4

NOTE:
THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF A PANELBOARD AS REQUIRED BY SECTION 110-26 OF THE NATIONAL ELECTRICAL CODE.

* "CONDITIONS" ARE AS FOLLOWS:

1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.
2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHERSIDE. CONCRETE, BRICK OR TILE SHALL BE CONSIDERED AS GROUNDED.
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

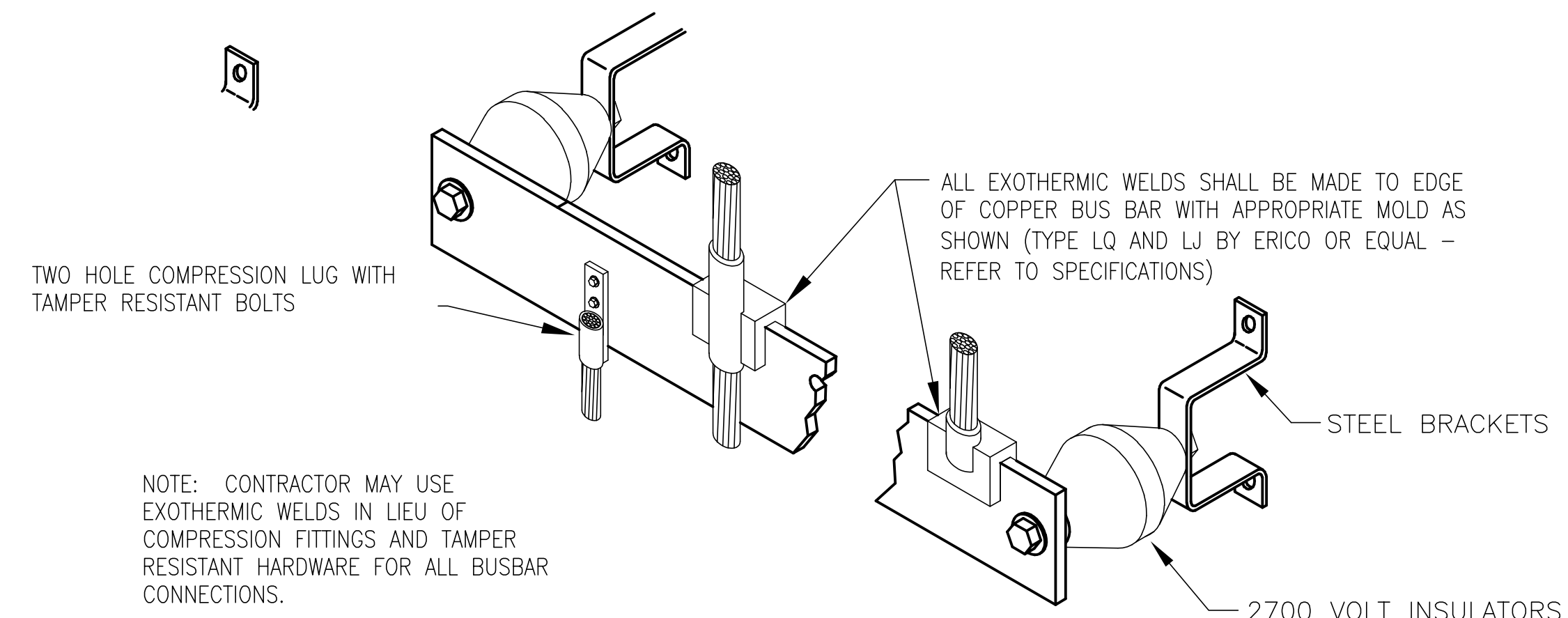
NOTE:
NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES SHALL BE PERMITTED TO BE INSTALLED IN OR PASS THROUGH THE DEDICATED SPACES SHOWN ABOVE WITHOUT THE WRITTEN PERMISSION OF THE DESIGN ENGINEER AND THE AUTHORITY HAVING JURISDICTION.



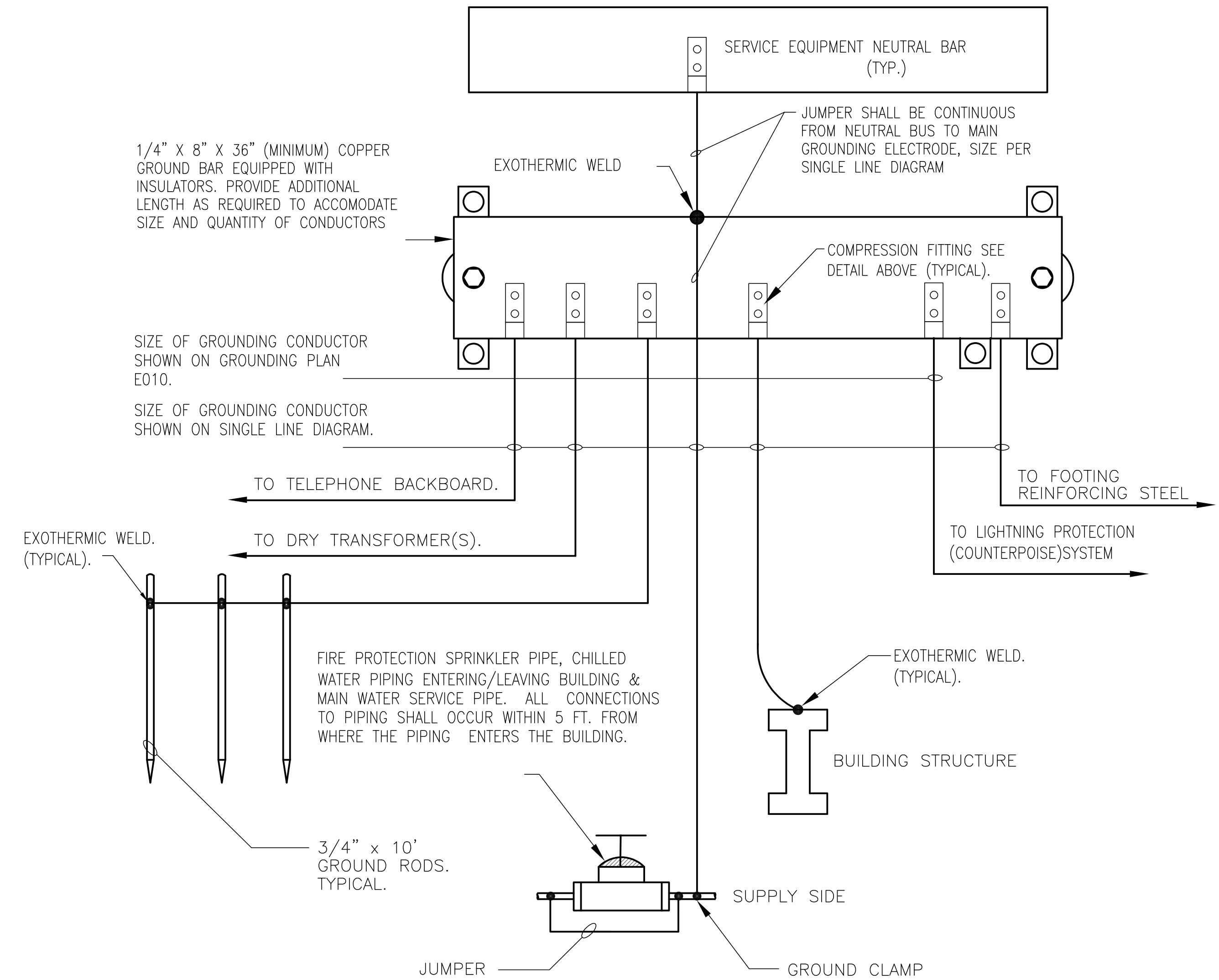
GROUND GRID

SCALE:
NONE

4



GROUND BAR MOUNTING DETAIL



GROUND BAR CONNECTION DETAIL

SCALE:
NONE

1

WORKING SPACES FOR EQUIPMENT DETAIL

SCALE:
NONE

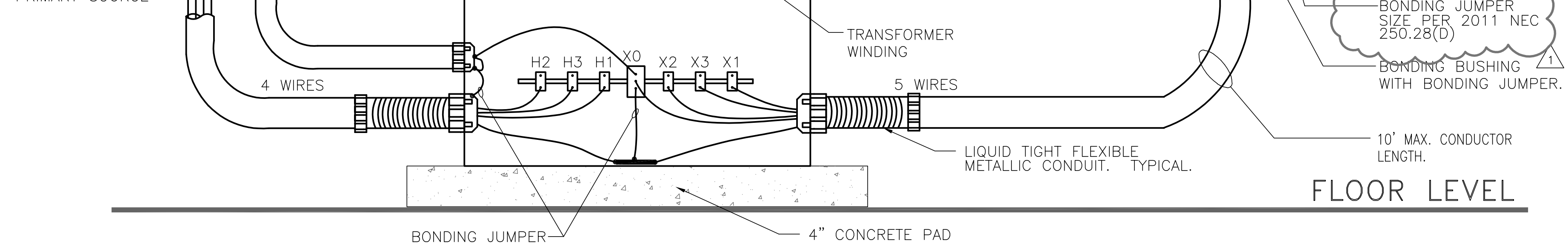
5

NOTES:

1. TRANSFORMER BONDING STRAP. IF PROVIDED BY THE TRANSFORMER MANUFACTURER THIS STRAP SHOULD BE THE SAME SIZE AS THE MAIN BONDING JUMPER. (PER 250-66)
2. USE A BONDING BUSHING AND JUMPER AT THE CONDUIT TERMINATION. JUMPER SHOULD BE THE SAME SIZE AS THE GROUNDING ELECTRODE CONDUCTOR CONTAINED IN THE CONDUIT.
3. USE A BONDING CLAMP AT THE TERMINATION OF THE GROUNDING ELECTRODE CONDUCTOR TO THE ELECTRODE.

GROUNDING ELECTRODE TO THE STEEL FRAME OF THE BLDG.; WHERE PROVEN TO BE SUITABLY GROUNDED, OR TO THE METALLIC WATER PIPE WITHIN 5 FT. FROM THE POINT OF ENTRANCE INTO THE BUILDING. (250-30 (a))

4 WIRES FROM TRANSFORMER PRIMARY SOURCE



DRY TYPE TRANSFORMER

SCALE:
NONE

2

GORDON
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254 Reg Street, Suite 4
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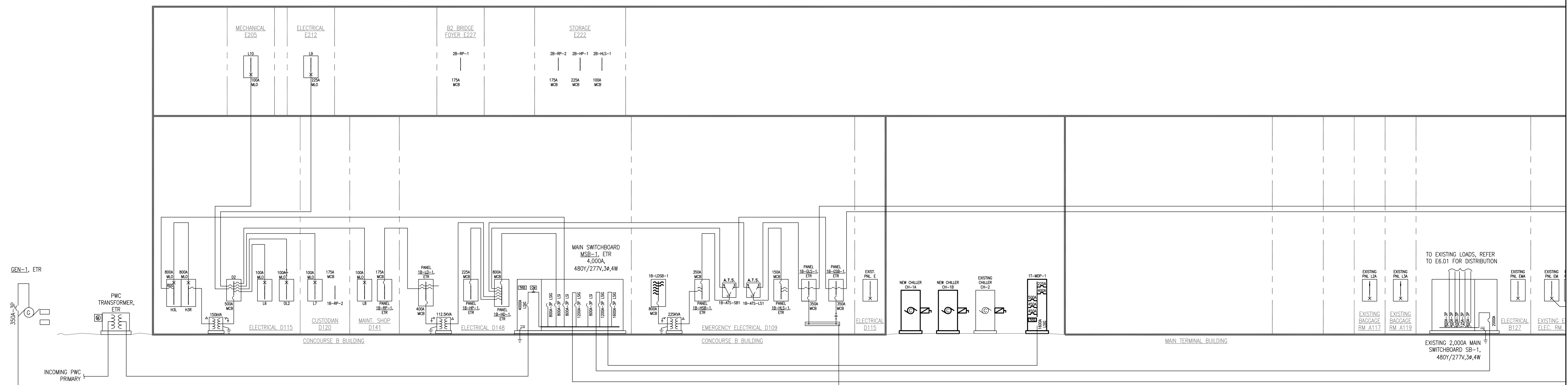
Fayetteville Regional Airport – Airline Terminal Improvements Part 2

ELECTRICAL DETAILS

400 Airport Road
Fayetteville, North Carolina 28306

REVISIONS
A MODIFIED 3 08/14/19
A

SHEET NUMBER
E5.01



PARTIAL DISTRIBUTION RISER DIAGRAM
SCALE: NONE

DRAWING NOTES:
1 PROVIDE #12 WIRE TO EMERGENCY ELECTRICAL ROOM D106 IN EXISTING CONDUIT TO FOR ATS CONTROLS.

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Fayetteville, NC 28303
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Fax: (910) 233-5188
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GEN-2, 400KW,
480/277V, 56.4W GENERATOR
WITH WEATHERPROOF SOUND
ATTENUATED ENCLOSURE.
PROVIDE CONDUIT, JUNCTION
BOXES, CONTROLS, AND
NECESSARY COMPONENTS TO
INTERCONNECT WITH
EXISTING GEN-1 TO MAKE
FULLY OPERABLE SYSTEM.

BLOCK HEATER

VERIFY REQUIREMENTS OF
GENERATOR SYSTEM PRIOR TO
INSTALLING CONDUITS
(TYPICAL OF GENERATOR
ACCESSORIES)

BATTERY CHARGER

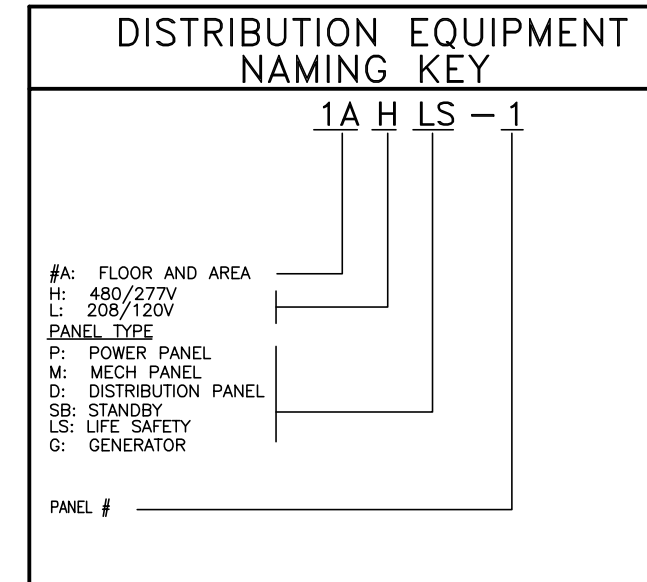
PWC
TRANSFORMER,
ETR

INCOMING PWC
PRIMARY

PARTIAL DISTRIBUTION RISER DIAGRAM

SCALE: NONE

NEW ELE
MANHOLE OL
MAIN EL



FEEDER SCHEDULE (600V UNLESS OTHERWISE NOTED)				
BRKR. SIZE	SETS	SIZE	GROUND	CONDUIT
30A	1	4#10	#10	3/4"
60A	1	4#4	#8	1 1/4"
100A	1	4#2	#8	1 1/4"
110A	1	4#1	#6	1 1/2"
125A	1	4#1/0	#6	2"
150A	1	4#1/0	#6	2"
175A	1	4#2/0	#6	2"
200A	1	4#3/0	#6	2"
225A	1	4#4/0	#4	2 1/2"
250A	1	4#250	#4	2 1/2"
300A	1	4#350	#4	3"
350A	1	4#500	#2	3-1/2"
400A	2	4#3/0	#3	2"
500A	2	4#250	#2	2 1/2"
600A	2	4#350	#1	3"
800A	2	4#500	#1/0	3 1/2"
1000A	3	4#400	#2/0	3"
1200A	4	4#350	#3/0	3"
1600A	5	4#400	#4/0	3"
2000A	6	4#400	#250	3"
2500A	7	4#500	#350	3 1/2"
3000A	8	4#500	#400	3 1/2"
4000A	11	4#500	#500	3 1/2"

A. WHERE MULTIPLE SETS ARE SPECIFIED, PROVIDE THREE PHASE, NEUTRAL AND GROUND IN EACH CONDUIT. CONDUCTORS AND CONDUITS SHALL BE EQUAL IN LENGTH AND BY SAME MANUFACTURER.

B. PROVIDE INCREASED CONDUIT AND/OR CONDUCTOR SIZES WHERE NOTED ON THE RISER DIAGRAM.

60 DIAGRAM TAG: NUMBER COORDINATES WITH BREAKER SIZE. PROVIDE ASSOCIATED CONDUIT/WIRE AMPACITY AS INDICATED IN THIS FEEDER SCHEDULE U.O.N.

PARTIAL DISTRIBUTION RISER DIAGRAM

SCALE: NONE

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

ELECTRICAL RISER DIAGRAM

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MRP
REVIEWED BY: JDM
DATE: 07-19-19
PROJECT NO.: 1808

REVISIONS
1 PRE-3 06/25/20
2 PRE-14 02/10/21

SHEET NUMBER
E6.02

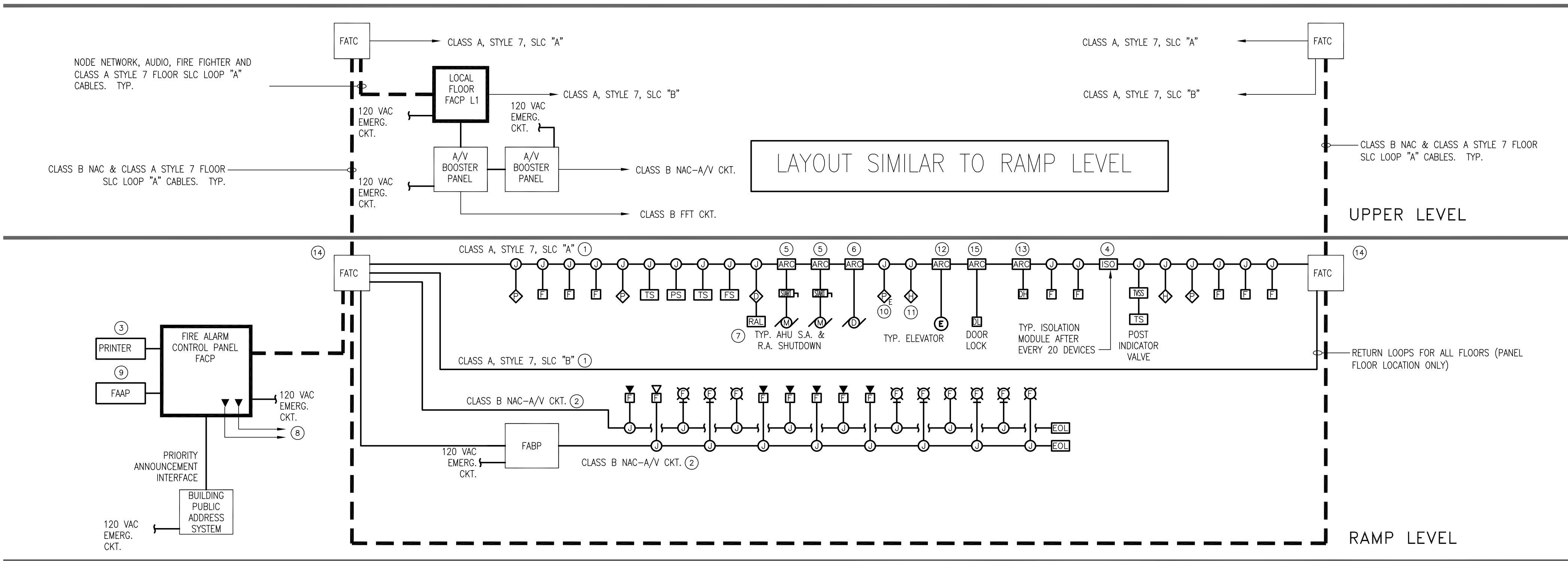
FIRE ALARM OPERATIONAL MATRIX																										
SYSTEM INPUTS	SYSTEMS OUTPUT																									
	CONTROL UNIT ANNUNCIATION							NOTIFICATION							REQUIRED FIRE SAFETY CONTROL											
	ACTIVE COMMON ALARM SIGNAL INDICATOR	ACTIVE ALARM SIGNAL - SEE NOTE 1	ACTIVE COMMON SUPERVISORY SIGNAL INDICATOR	ACTIVE ALARM PROBABLE SIGNAL INDICATOR	ACTIVE COMMON PROBABLE SIGNAL INDICATOR	ACTIVE ALARM PROBABLE SIGNAL INDICATOR	ACTIVE COMMON PROBABLE SIGNAL INDICATOR	ACTIVE NOTIFICATION APPLIANCE-SEE NOTE 1	DISARM/PRINT CHANGE OF STATUS	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SIGNAL TO SECURITY SYSTEM	TRANSMIT PROBABLE TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT SPRINKLER VALVE CLOSED TO SUPERVISING STATION	TRANSMIT WATER FLOW TO SUPERVISING STATION	TRANSMIT FIRE PUMP RUNNING TO SUPERVISING STATION	TRANSMIT FIRE PUMP ABNORMAL STATUS TO SUPERVISING STATION	RELEASE MANUALLY HELD SMOKE DAMPERS-SEE NOTE 1	RECALL ELEVATORS TO PRAMPY FLOOR	ACTIVE ELEVATOR SHUNT THE CIRCUIT	SHUT DOWN AIR HANDLING EQUIPMENT-SEE NOTE 1	RELEASE ELECTRICALLY LOCKED EGRESS AND EXIT DOORS-SEE NOTE 1	ACTIVE SOLID-STATE SPRINKLER GAS EXHAUST EQUIPMENT	ACTIVE SMOKE CONTROL SYSTEM	PROVIDE THE SHUTDOWN STATUS FOR AIR HANDLING MOTORS AND	PLACE THE DUCT DETECTOR ELECTRONIC CIRCUIT INTO ALARM
MANUAL FIRE ALARM BOXES	X	X				X	X	X	X									X		X	X		X			
SMOKE DETECTORS	X	X				X	X	X	X									X		X	X		X			
LOCAL SMOKE DETECTOR FOR SMOKE DOOR																		X								
SMOKE DETECTORS LOBBY	X	X				X	X	X	X									X					X			
DUCT MOUNTED SMOKE DETECTORS FOR AHUS	X	X				X	X	X	X									X		X	X		X			
DUCT MOUNTED SMOKE DETECTORS AT SMOKE DAMPERS	X	X				X	X	X	X									X		X			X			
DUCT DETECTOR REMOTE TEST SWITCH ACTIVATION	X	X				X	X	X																	X	
HVAC AHU SHUTDOWN BYPASS FUNCTION			X	X				X		X															X	
SMOKE DETECTORS ELEVATOR MACHINE ROOMS	X	X				X	X	X	X									X	X		X	X	X			
SMOKE DETECTORS ELEVATOR SHAFTS	X	X				X	X	X	X									X	X		X	X	X			
SMOKE DETECTORS ELEVATOR PITS	X	X				X	X	X	X									X	X		X	X	X			
SMOKE DETECTOR ELEVATOR LOBBY GROUND FLOOR (PRIMARY)	X	X				X	X	X	X									X		X		X	X			
SMOKE DETECTOR ELEVATOR LOBBIES ALTERNATE FLOORS	X	X				X	X	X	X									X	X		X	X	X			
SMOKE DETECTORS AT FIRE SHUTTERS	X	X				X	X	X	X									X	X		X	X	X			
AREA HEAT DETECTORS	X	X				X	X	X	X									X			X	X	X			
HEAT DETECTORS ELEVATOR PIT	X	X				X	X	X	X									X		X	X	X	X			
HEAT DETECTORS ELEVATOR MACHINE ROOM	X	X				X	X	X	X									X		X	X	X	X			
HEAT DETECTORS ELEVATOR SHAFT	X	X				X	X	X	X									X		X	X	X	X			
POST INDICATOR VALVE TAMPER SWITCH			X	X		X	X				X	X														
SPRINKLER VALVE TAMPER SWITCHES			X	X		X	X				X	X														
PRE-ACTION VALVES - LOW AIR PRESSURE ALARM			X	X		X	X				X	X														
SPRINKLER WATER FLOW SWITCHES	X	X				X	X	X	X				X							X	X		X			
FACP AC FAILURE				X	X		X		X																	
FACP LOW BATTERY				X	X				X																	
OPEN CIRCUIT				X	X				X																	
GROUND FAULT				X	X				X																	
NOTIFICATION APPLIANCE CIRCUIT SHORT				X	X				X																	
ELEVATOR MACH ROOM SUPPRESSION SYSTEMS	X	X	X	X	X	X	X	X	X	X	X							X	X		X					
LOSS OF POWER TO ELEVATOR SHUNT TRIP			X	X					X																	

GENERAL NOTES:

1. REFER TO PLANS FOR EXACT QUANTITIES AND LOCATIONS FOR ALL DEVICES.
2. REFER TO FIRE ALARM MATRIX ON THIS DRAWING FOR ADDITIONAL INFORMATION.
3. DO NOT COMBINE LOOPS AT FACP INTO COMMON LOOP(S). EACH LOOP SHALL BE A DESIGNATED LOOP FOR A DESIGNATED FLOOR.
4. PROVIDE A SEPARATE CLASS A, ADDRESSABLE SLC LOOP (SIGNALING LINE CIRCUIT) FOR EACH FLOOR.
5. DUCT MOUNTED SMOKE DETECTOR(S) SHALL BE INSTALLED AS INDICATED ON MECHANICAL DRAWINGS. SAMPLING TUBES SHALL BE INSTALLED FACING AIR STREAM WITH STOPPER ON OPPOSITE END. TUBES EXCEEDING 36" SHALL BE SUPPORTED AT THE REAR BY EXTENDING THROUGH THE DUCT WALL AND SEALING.
6. PROVIDE ISOLATION MODULES FOR THE OUTGOING AND INCOMING LOOPS AT THE FIRE ALARM CONTROL PANEL. TYPICAL FOR EACH FLOOR AND EACH FACP.
7. 120 VAC EMERGENCY CIRCUITS SHALL BE DEDICATED CIRCUITS TO EACH PANEL OR POWER SUPPLY. PROVIDE "LOCK-ON" DEVICE ON CIRCUIT BREAKER MEETING NEC REQUIREMENTS.

DRAWING KEYED NOTES:

- 1 CLASS A, STYLE 7 ADDRESSABLE LOOP, SIGNALING LINE CIRCUIT (SLC) PROVIDE MIN #16 SHIELDED TWISTED PAIR (STP) IN 1/2" EMT (MIN)
- 2 CLASS B, NOTIFICATION APPLIANCE CIRCUIT (NAC), PROVIDE #14 CONDUCTORS IN 1/2" EMT (MIN). WIRE QUANTITIES TO BE DETERMINED BY THE INSTALLER. FOR INCREASED SURVIVABILITY, THE NAC DEVICES AND CIRCUITS ON EACH FLOOR SHALL BE DIVIDED IN HALF AND FED FROM SEPARATE RISERS FROM OPPOSITE ENDS OF THE FLOOR.
- 3 PROVIDE SYSTEM EVENT PRINTER MOUNTED ON SHELF ADJACENT TO FACP. SHELF SHALL HAVE METAL ADJUSTABLE WALL BRACKETS, METAL ARMS AND TWO (2)36"x18" WOODEN SHELVES. INSTALL PRINTER ON UPPER SHELF, PAPER ON LOWER.
- 4 PROVIDE ISOLATION MODULES (ISO) AS REQUIRED IN ACCORDANCE WITH SPECIFICATIONS. LOCATE IN CORRIDORS AT SAME HEIGHT AS ALL DEVICES (TYPICAL)
- 5 PROVIDE ADDRESSABLE RELAY CONTROL MODULE (ARC) AT MECHANICAL EQUIPMENT CONTROLLER. CONNECT SUCH THAT NOTED EQUIPMENT SHALL SHUT DOWN UPON RECEIPT OF ALARM. NOTE THAT RETURN AIR FAN MAY BE SEPARATE UNIT FROM AHU CONTAINING ONLY SUPPLY AIR SECTION. SOME EXISTING AIR HANDLING UNITS DO NOT HAVE DUCT SMOKE DETECTORS BUT SHALL SHUT DOWN UPON RECEIPT OF ALARM.
- 6 SMOKE DAMPERS ASSOCIATED WITH MECHANICAL EQUIPMENT REQUIRED TO BE CLOSED DURING AN ALARM CONDITION SHALL BE CONNECTED SUCH THAT THEY CLOSE UPON RECEIPT OF AN ALARM.
- 7 PROVIDE REMOTE ALARM INDICATOR LAMP AND TEST SWITCH FOR EACH DUCT MOUNTED SMOKE DETECTOR. LOCATE IN NEAREST CORRIDOR OR PUBLIC AREA.
- 8 PROVIDE TWO (2) ANALOG TELEPHONE LINES (POTS) FOR OFFSITE MONITORING. COORDINATE REQUIREMENT WITH TELECOMMUNICATIONS CONTRACTOR AND RECEIVING STATION.
- 9 PROVIDE REMOTE ALARM ANNUNCIATOR PANEL (RAAP). COORDINATE EXACT AND FINAL LOCATION WITH AHU.
- 10 WHERE INDICATED ON THE PLANS SMOKE DETECTOR(S) SHALL BE PROGRAMMED FOR ELEVATOR CAPTURE, RECALL AND FIREMAN'S HAT LIGHT FUNCTIONS IN ACCORDANCE WITH ANSI/ASME 17.1 AND NFPA 72. COORDINATE REQUIREMENTS WITH LOCAL AHU AND ELEVATOR INSTALLER.
- 11 PROVIDE ADDRESSABLE RELAY CONTROL (ARC) AT EQUIPMENT POWER SOURCE. CONNECT SUCH THAT POWER TO EQUIPMENT SHALL BE ISOLATED (SHUT-OFF) UPON RECEIPT OF HEAT DETECTION IN VICINITY OF ENERGIZED EQUIPMENT PRIOR TO APPLICATION OF WATER FROM FIRE SPRINKLER SYSTEM.
- 12 ELEVATOR MACHINE ROOM AND ELEVATOR PIT HEAT DETECTORS SHALL BE LOCATED WITHIN TWO FEET OF FIRE SPRINKLER HEADS IN THE VICINITY OF ENERGIZED ELEVATOR EQUIPMENT AND SHALL BE SET TO ACTIVATE AN ALARM CONDITION AND OPERATE ELEVATOR EQUIPMENT POWER ISOLATION (SHUT-DOWN) PRIOR TO APPLICATION OF WATER FROM FIRE SPRINKLER SYSTEM. COORDINATE SPRINKLER HEAD AND HEAT DETECTOR LOCATIONS WITH FIRE SPRINKLER SYSTEM INSTALLER AND ELEVATOR EQUIPMENT INSTALLER PRIOR TO ROUGHING IN.
- 13 PROVIDE ADDRESSABLE RELAY CONTROL MODULE (ARC) AT EQUIPMENT CONTROLLER. CONNECT SUCH THAT NOTED EQUIPMENT SHALL SHUT DOWN UPON RECEIPT OF ALARM.
- 14 PROVIDE (2) FIRE ALARM TERMINAL CABINETS FOR EACH FLOOR. CABINETS SHALL BE LOCATED AT OPPOSITE ENDS OF THE FLOOR FOR SURVIVABILITY.
- 15 WHERE INDICATED ON THE PLANS PROVIDE ADDRESSABLE RELAY CONTROL MODULE AT SECURITY DOORS. INTERLOCK WITH DOOR SOLENOID POWER CIRCUIT TO INTERRUPT CIRCUIT UPON GENERAL FIRE ALARM AS SHOWN IN THE FIRE ALARM CONTROL MATRIX.



MOTOR EQUIPMENT AND CONTROL SCHEDULE																									
PLAN SYMBOL	EQUIPMENT					SUPPLY					CONTROL DEVICES AS SHOWN ON PLANS BY ITEM NUMBER										KEYED MOTOR STARTER NOTES:				
	ITEM NUM.	NAME	LOCATION	HP/4/KW	PHASE	VOLT	PANEL	CIRCUIT BREAKER	POWER WIRING FROM PANEL TO CONTROL UNIT	POWER REQUIREMENT FROM CONTROL UNIT TO EQUIPMENT BY DIV. FURNISHING THE EQUIPMENT	REF. NOTES	DISCONNECT SWITCH	MOTOR STARTER AND ACCESSORIES			CONTROL DEVICE LOCATION	ITEM NUM.								
												SWITCH AMPS	FUSE SIZE	LOC.	NEMA SIZE										
	AHU-1	NEW AIR HANDLER	NEW MECHANICAL RM A129	(2)8HP	3	480	1T-HM-1/3,3,5	45A-3P	4#6, #10G,1"	3#6, #10G,3/4"C	R1	60	45	NR	-	K15,K17,K19	-	AHU-1	K1. MANUAL MOTOR STARTER						
	AHU-2	NEW AIR HANDLER	MECHANICAL RM C116	(2)13A	3	480	1T-HD-2/7,9,11	70A-3P	4#4, #6G,1-1/4"C	3#4, #6G,1"C	R1	100	70	NR	-	K15,K17,K19	-	AHU-2	K2. MANUAL MOTOR STARTER - TWO SPEED CONTROLLER						
	AW-1	AIR WALL	VESTIBULE A100	1/5HP	1	120	1T-RP-1/8	15A-1P	2#12, #12G,3/4"C	2#2, #6G,1-1/4"C	R1				-	K1,K19	-	AW-1	K3. MAGNETIC STARTER						
	AW-2	AIR WALL	VESTIBULE B100 WEST	1/5HP	1	120	1T-RP-3/13	15A-1P	2#12, #12G,3/4"C	2#2, #6G,1-1/4"C	R1				-	K1,K19	-	AW-2	K4. COMBINATION MAGNETIC STARTER						
	AW-3	AIR WALL	VESTIBULE B100 EAST	1/5HP	1	120	1T-RP-3/9	15A-1P	2#12, #12G,3/4"C	2#2, #6G,1-1/4"C	R1				-	K1,K19	-	AW-3	K5. COMBINATION TWO SPEED MAGNETIC STARTER						
	AW-4	AIR WALL	VESTIBULE G100	1/5HP	1	120	1T-RP-6/20	15A-1P	2#12, #12G,3/4"C	2#2, #6G,1-1/4"C	R1				-	K1,K19	-	AW-4	K6. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER						
	B-1	NEW GAS WATER BOILER	MECHANICAL RM A129	9A	3	480	1T-HM-1/7,9,11	20A-3P	4#12, #12G,1/2"C	3#2, #6G,1-1/4"C	R1	30	15	NR	-	K19	-	B-1	K7. PACKAGED CONTROL UNIT						
	B-2	NEW GAS WATER BOILER	MECHANICAL RM A129	9A	3	480	1T-HM-1/3,13,15,17	20A-3P	4#12, #12G,1/2"C	3#2, #6G,1-1/4"C	R1	30	15	NR	-	K19	-	B-2	K8. CONTACTOR						
	CH-1A	NEW CHILLER	EQUIPMENT YARD	378MCA	3	480	1T-MDP-1/7A,7B,7C	500A-3P	2 SETS (4#3/0, #2G,2"C) EACH	2 SETS (3#3/0, #2G,2"C) EACH	R1,R3	600	500	NR	-	K19	-	CH-1A	K9. CAPACITORS						
	CH-1B	NEW CHILLER	EQUIPMENT YARD	378MCA	3	480	1T-MDP-1/5A,5B,5C	500A-3P	2 SETS (4#3/0, #2G,2"C) EACH	2 SETS (3#3/0, #2G,2"C) EACH	R1,R3	600	500	NR	-	K19	-	CH-1B	K10. ELECTRIC THERMOSTAT						
	CH-2	EXISTING CHILLER (RECRUITED TO NEW PANEL)	EQUIPMENT YARD	340A	3	480	1T-MDP-1/3A,3B,3C	500A-3P	2 SETS (4#250, #2G,2"C) EACH	2 SETS (3#250, #2G,2"C) EACH	R1	600	500	NR	-	K19	-	CH-2	K11. STOP/START PUSH BUTTON IN COVER						
	CU-2	MINISPLIT AC SYSTEM OUTDOOR UNIT	ROOF	1190W	1	208	1T-SRP-1/33,35	15A-2P	3#12, #12G,3/4"C	2#12, #12G,3/4"C	-	-	-	-	-	-	-	CU-2	K12. H-O-A SWITCH IN COVER						
	CU-3	MINISPLIT AC SYSTEM OUTDOOR UNIT	ROOF	1190W	1	208	1T-SRP-5/30,32	15A-2P	3#12, #12G,3/4"C	2#12, #12G,3/4"C	-	-	-	-	-	-	-	CU-3	K13. PILOT LIGHT IN COVER						
	CU-4B	MINISPLIT AC SYSTEM OUTDOOR UNIT	OUTSIDE TELCO B129	1190W	1	208	1T-SRP-5/30,32	15A-2P	3#12, #12G,3/4"C	2#12, #12G,3/4"C	-	-	-	-	-	-	-	CU-4B	K14. MANUAL MOTOR STARTER WITH RELAY (RELAY TO ACCOMMODATE DDC CONTROL.)						
	CU-6	MINISPLIT AC SYSTEM OUTDOOR UNIT																							

LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	LAMPS - SYLVANIA					MOUNTING	REMARKS	MANUFACTURER	TYPE
		TYPE	WATTAGE	QTY.	COLOR TEMP.	VOLTAGE				
A	12" SQUARE CAST-ALUMINUM SURFACE MOUNTED LED CANOPY FIXTURE	LED	41	1	50K	MVOLT	SURFACE	-	LITHONIA VRC LED 1 50K MVOLT	A
B	4' LOW PROFILE LED STRIP PENDANT	LED	36	1	40K	-	CHAIN HUNG 8'6" A.F.F.	-	LITHONIA ZLP L48 SMR 4000LM MD0 MVOLT 35K 90CRI WH HC36	B
C	RECESSED LINEAR STREAM LED LO OUTPUT	LED	6W/FT	1	35K	-	RECESSED	CONFIRM LENGTH, FINISH AND MOUNTING. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	PRUDENTIAL STR LED35 LO 1MW D1 SC UNV DM10	C
D	4-1/4" RECESSED ROUND HYPERBOLIC LED DOWNLIGHT	LED	14.6	1	35K	-	RECESSED	CONFIRM FLANGE AND MOUNTING. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	JUNO L4 15 35 U G3 L400H C S	D
E	NOT USED									E
F	RECESSED LINEAR LED	LED	6W/FT	1	35K	277	RECESSED	CONFIRM LENGTH, FINISH AND MOUNTING. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	PRUDENTIAL LIGHTING STR LED35 LO 1MW D1 SC UNV DM10 4FT SHALL MATCH PHASE 1 CONCOURSE A	F
G	4" 2X2 RECESSED LED	LED	36.9	1	35K	-	RECESSED	CONFIRM VOLTAGE AND MOUNTING. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	FINEUTE HPR LED F 2X2 DCO SO 3500K SC	G
H	NOT USED									H
J	NOT USED									J
K	RGB LED FLOODLIGHT FOR TERMINAL TREES, 20 DEGREES	LED	14	1	-	-	-	CONFIRM VOLTAGE, OPTICS AND FINISH. PROVIDE ONE C-BOX FOR FIVE FIXTURES SPECIFIED. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	LUMENPULSE LBS RGB NF DMXRDM KN LCU LID CBX	K
L	ASYMMETRICAL SURFACE MOUNTED FIXTURE IN COVE	LED	14.25W/FT	1	35K	-	-	CONFIRM ALL LENGTHS, MOUNTING, AND FINISH. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	ELLIPTIPAR S307 S R01L S 00 M 00 0 35 ZX	L
M	FLEXIBLE LED STRIP, WET LOCATION	-	3.66W/FT	1	350LM/M	-	-	CONFIRM 3500K AND MOUNTING. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	LINEA 98408	M
N	NOT USED									N
P	CANOPY CYLINDER 4" HANG-STRAIGHT	LED	8.2	1	35K	-	RECESSED	CONFIRM HANG-STRAIGHT STEM LENGTH. CONFIRM FINISH. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	JUNO LC4 08 35 U G3 L400H C S P* 4 INCH (REQUESTING SPECIAL LENGTH) C	P
Q	LINEAR LED FACADE GRAZE, 15 DEGREE BEAM	LED	12W/FT	1	40K	-		CONFIRM ALL LENGTHS AND FINISH. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	INSIGHT MC 12 40 15 D SMS	Q
X2	LED STRIP WET LOCATION WITH BURGUNDY GEL	LED	4.3W/FT	2	46K	-		CONFIRM ALL LENGTHS. CONFIRM POWER SUPPLY LOCATION. PROVIDE ALL COMPONENTS NECESSARY TO COMPRISE A COMPLETE WORKING SYSTEM.	TIVOLI LIGHTING #FLXD-BL-24-ADNM-320-3-4-24D (172LF LENGTH)	X2
R	4' LOW PROFILE CHAIN HUNG LED STRIP LIGHT W/ WIRE GUARD	LED	30	1	4K	277	PENDANT	-	LITHONIA: ZLIN L46 3000LM FST MVOLT 40K 80CRI H36 WC248 COLUMBIA: LCS SERIES METALUX: SN LED SERIES	R
S	INDUSTRIAL WET LOCATION AIRTIGHT SEAL GASKET ELEVATOR PIT LIGHT	FLUORESCENT TB	28	2	2700	120	SURFACE	-	LITHONIA: #XWL232WV COLUMBIA: XEM SERIES METALUX: VT2 SERIES	S
T	NOT USED									T
AA	SITE LIGHT HEAD	METAL HALIDE	250	1				-	SPAULDING A10 P25 H3 F ABL	AA
BB	SITE LIGHT POLE							-	AAL PS44S20-125 20 BL	BB
CC	EXTERIOR WALL PACK	METAL HALIDE		1		277	SURFACE	-	DECO D402 42W CFL M EB BL LP	CC
DD	TRACK LIGHT	LED	8.3	1		277	SURFACE	-	LITHONIA: #LTHBELL ORB	DD
EE	STAIR FIXTURE	LED	28.2	1	35K	277	WALL MOUNTED SURFACE	-	LITHONIA: WL4 30L MVOLT 35K	EE
GG	INVERTED DELTA DOWNLIGHT WALL SCONCE, NATURAL WOOD VENEER	LED	25	1		277	SURFACE	CONTRACTOR SHALL PROVIDE LED LAMP	ACCORD: 4078 LED 277 25(REDESCENT WHITE)	GG
HH	MULTIPLE HIGH-POWERED LED ILLUMINATE, ALUMINUM WITH WHITE TRANSLUCENT ACRYLIC DIFFUSER WITHOUT SOCKET SHADOWS	LED	27	1	30K	277	SURFACE	-	WAC LIGHTING: FM-216 3500K 2445 WT	HH
⊗	INJECTION MOLDED ENGINEERING GRADE EXIT SIGN WITH UV STABLE THERMOPLASTIC	LED	3.8	1		277	SEE PLANS	-	(EELP) XE2RW EM SD USA	⊗

PANELBOARD: 2B-HLS-1 MAINS: 60A MCB AMPS: 225A MIN AIC: 65,000 MECHANICAL LOCATION: E221 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EMERGENCY POWER SYS.									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
GATE LOUNGE E231,E226,E223	1	20	1	20	2	1	20		
PASSAGEWAY E219, MEN 211, WOMEN E207	1	3	3	3	4	1	3		
PLAY AREA F107	1	5	5	5	6	1	5		
	1	7	7	7	8	1	7		
	1	9	9	9	10	1	9		
	1	11	11	11	12	1	11		
	1	13	13	13	14	1	13		
	1	15	15	15	16	1	15		
	1	17	17	17	18	1	17		
	1	19	19	19	20	1	19		
	1	21	21	21	22	1	21		
	1	23	23	23	24	1	23		
	1	25	25	25	26	1	25		
	1	27	27	27	28	1	27		
	1	29	29	29	30	1	29		
	1	31	31	31	32	1	31		
	1	33	33	33	34	1	33		
	1	35	35	35	36	1	35		
	1	37	37	37	38	1	37		
	1	39	39	39	40	1	39		
	1	41	41	41	42	1	41		
								0.20	0.65 0.09

PANELBOARD: 1T-MDP-1 MAINS: 1600A MCB AMPS: 1600A MIN AIC: 65,000 MECH. LOCATION: EQUIP. YARD VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: CONCRETE PAD ENCL NEMA: 3R NOTES:									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
PANELBOARD 1T-HM-1	3	250	1B	34.63	2B	3	250	SPACE ONLY	
EXISTING CHILLER CH-2	3	500	3B	34.18	4B	3	500	SPACE ONLY	
NEW CHILLER CH-1B(FUTURE)	3	500	5B	81.03	6B	3	500	SPACE ONLY	
NEW CHILLER CH-1A	3	500	7B	81.03	8B	3	500	SPACE ONLY	
SPACE ONLY	3		9B	91.03	10B	3		SPACE ONLY	
SPACE ONLY	3		11B	111.03	12B	3		SPACE ONLY	
SPACE ONLY	3		13B	131.03	14B	3		SPACE ONLY	
								291	291 291

PANELBOARD: 1T-HLS-1 MAINS: 100A MCB AMPS: 225A MIN AIC: 60,000 NEW MECH. LOCATION: RM A129 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EMERGENCY POWER SYS.									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG- A100,A101,A103-106	1	20	1	0.73	2	1	20	LTG-A107,108,110,114	
LIGHTING-B130B	1	20	3	0.98	4	1	20	SPACE	
SPARE	1	20	5		6	1	20	SPACE	
SPARE	1	20	7		8	1	20	SPACE	
SPACE	1	9			10	1	9	SPACE	
SPACE	1	11			12	1	11	SPACE	
SPACE	1	13			14	1	13	SPACE	
SPACE	1	15			16	1	15	SPACE	
SPACE	1	17			18	1	17	SPACE	
SPACE	1	19			20	1	19	SPACE	
SPACE	1	21			22	1	21	SPACE	
SPACE	1	23			24	1	23	SPACE	
SPACE	1	25			26	1	25	SPACE	
SPACE	1	27			28	1	27	SPACE	
SPACE	1	29			30	1	29	SPACE	
SPACE	1	31			32	1	31	SPACE	
SPACE	1	33			34	1	33	SPACE	
SPACE	1	35			36	1	35	SPACE	
SPACE	1	37			38	1	37	SPACE	
SPACE	1	39			40	1	39	SPACE	
SPACE	1	41			42	1	41	SPACE	
								1.46	1.18 1.29

PANELBOARD: 1B-GLS-1 MAINS: 400A MCB AMPS: 400A MIN AIC: 22000 EMERGENCY ELEC. LOCATION: D109 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EXISTING, EMERG PWR SYS.									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
ATS TO PANELBOARD	3	100	1	1.00	2	3	100	ATS TO PANELBOARD	
1A-HLS-1	3		3	0.74	4	150	3	1B-HLS-1	
SPACE	3		7	0.74	8	3		SPACE	
SPACE	3		9	1.12	10	3		SPACE	
SPACE	3		11	0.74	12	3		SPACE	
SPACE	3		13	0.74	14	3		SPACE	
SPACE	3		15	0.74	16	3		SPACE	
SPACE	3		17	0.74	18	3		SPACE	
SPACE	3		19	0.74	20	3		SPACE	
SPACE	3		21	0.74	22	3		SPACE	
								1.46	1.18 1.29

GENERAL NOTES:
 A. BOLD TEXT INDICATES NEW PANELBOARD, CHANGES TO BREAKER SIZE, LOAD, LOAD SERVED OR CIRCUIT. PROVIDE NEW BREAKERS WHERE SHOWN SOLD TO MATCH PANELBOARD TYPE AND CHARACTERISTICS.

PANELBOARD: 1B-GSB-1 MAINS: 1000 A MCB AMPS: 1200A MIN AIC: 22000 EMERGENCY ELEC. LOCATION: D109 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EXISTING, STANDBY PWR SYS									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
EX ATS TO PANELBOARD	3	800	3	0.80	4	600	3	EX ATS TO PANELBOARD	
1B-HSB-1	3		5	0.80	6	1A-HSB-1	3		
SPARE	3	100	7	0.80	8	ATS TO PANEL 1B-HSB-2	3		
SPARE	3	100	9	0.80	10	SPARE	3		
SPACE	3		11	0.80	12	SPACE	3		
			13	0.80	14				
			15	0.80	16				
			17	0.80	18				
			19	0.80	20				
			21	0.80	22				
			23	0.80	24				
								109	97 98

PANELBOARD: 1T-HD-2 MAINS: 800 A MCB AMPS: 800A MIN AIC: 65,000 MECH. LOCATION: ROOM C117 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES:									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
SPACE	3		3	10.65	4	450	3	XFMR TO PANELBOARD	
			5	18.34	6	1T-LD-2			
AIR HANDLER UNIT AHU-2	3	70	9	7.48	10	150	3	SPARE	
SPARE	3	90	11	7.48	12	60	3	PANEL 2T-HP-1	
SPARE	3	150	13	3.70	14	150	3	SPACE	
WATER HEATER WH-3	3	150	15	3.70	16	150	3	WATER HEATER WH-4	
RETURN FAN RF-2	3	20	17	3.70	18	100	3	SPACE	
SPACE	3		19	3.70	20	3		SPACE	
			21	3.70	22				
			23	3.70	24				
			25	3.70	26				
			27	3.70	28				
			29	3.70	30				
			31	3.70	32				
			33	3.70	34				
			35	3.70	36				
			37	3.70	38				
			39	3.70	40				
			41	3.70	42				
								202	95 149

PANELBOARD: 1B-HSB-1 MAINS: 800 A MCB AMPS: 800A MIN AIC: 45000 EMERGENCY ELEC. LOCATION: D109 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EXISTING, STANDBY PWR SYS									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
EX XFMR TO PANELBOARD	3	400	1	13.07	2	100	3	PANEL 1T-HSB-1	
1B-LSB-1	3		3	9.61	4	100	3		
EX PANELBOARD 1B-HP-1	3	100	5	9.61	6	150	3	BRIDGE PBB/GPU-A1	
SPACE	3		7	9.61	8	150	3	BRIDGE PBB/GPU-A2	
SPACE	3		9	9.61	10	90	3	EL-4	
SPACE	3		11	9.61	12				
			13	9.61	14				
			15	9.61	16				
			17	9.61	18				
			19	9.61	20				
			21	9.61	22				
			23	9.61	24				
								155	152 152

PANELBOARD: 1T-HLS-2 MAINS: 60A MCB AMPS: 225A MIN AIC: 65,000 MECHANICAL LOCATION: ROOM C116 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EMERGENCY POWER SYS.									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG-C103,C116	1	20	1	0.23	2	20	1	LTG-B100,B101,A102	
LTG-C101-102,C105-111B	1	20	3	0.73	4	20	1	B116-B119	
SPARE	1	20	5	0.73	6	20	1	LTG-C115,B119-B130	
SPARE	1	20	7	0.73	8	20	1	B105-B115,A120-A126	
SPARE	1	20	9	0.73	10	20	1	SPACE	
SPARE	1	20	11	0.73	12	20	1	SPACE	
SPARE	1	20	13	0.73	14	20	1	SPACE	
SPARE	1	20	15	0.73	16	20	1	SPACE	
SPARE	1	20	17	0.73	18	20	1	SPACE	
SPARE	1	20	19	0.73	20	20	1	SPACE	
SPARE	1	20	21	0.73	22	20	1	SPACE	
SPARE	1	20	23	0.73	24	20	1	SPACE	
SPARE	1	20	25	0.73	26	20	1	SPACE	
SPARE	1	20	27	0.73	28	20	1	SPACE	
SPARE	1	20	29	0.73	30	20	1	SPACE	
SPARE	1	20	31	0.73	32	20	1	SPACE	
SPARE	1	20	33	0.73	34	20	1	SPACE	
SPARE	1	20	35	0.73	36	20	1	SPACE	
SPARE	1	20	37	0.73	38	20	1	SPACE	
SPARE	1	20	39	0.73	40	20	1	SPACE	
SPARE	1	20	41	0.73	42	20	1	SPACE	
								0.65	0.98 0

PANELBOARD: 1B-HLS-1 MAINS: 150A MCB AMPS: 225A MIN AIC: 45000									
EMERGENCY ELEC.									
LOCATION: D109		VOLTS: 480/277 VAC		PHASE: 3		WIRES: 4			
MOUNTING: SURFACE		ENCL NEMA: 1		NOTES: EXISTING, LIFE SAFETY					
SERVES		CB	TA	CB	TA	CB	TA	SERVES	
EMER LIGHT D106,D109,D148,D108,D127	1	20	1	0.16 82	2	60	3	PANEL 2B-HLS-1	
EMER LIGHT MAIN TERMINAL ENTRANCE	1	20	3	0.21 8	4				
EMER LIGHT MAIN TERMINAL ENT/TELCO B1310B	1	20	5	0.17 45	6				
EMER LIGHT TSA TEMP CHECKPOINT G124	1	20	7	0.25	8	60	3	PANEL 1T-HLS-1	
EMER LIGHT TSA TEMP CHECKPOINT G124	1	20	9	0.23	10				
SPARE	1	20	11		12				
SPARE	1	20	13		14	1		SPACE	
SPACE	1	15			16	1		SPACE	
SPACE	1	17			18	1		SPACE	
SPACE	1	19			20	1		SPACE	
SPACE	1	21			22	1		SPACE	
SPACE	1	23			24	1		SPACE	
SPACE	1	25			26	1		SPACE	
SPACE	1	27			28	1		SPACE	
SPACE	1	29			30	1		SPACE	
SPACE	1	31			32	1		SPACE	
SPACE	1	33			34	1		SPACE	
SPACE	1	35			36	1		SPACE	
SPACE	1	37			38	1		SPACE	
SPACE	1	39			40	1		SPACE	
SPACE	1	41			42	1		SPACE	
				0.41	0.44	0.17			

PANELBOARD: 1T-HD-1 MAINS: 600A MCB AMPS: 600A MIN AIC: 65,000 NEW MECH. LOCATION: RM A129 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES:									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
TICKETING BHS MCP-1	3	100	3	100	3	100	3	XFMR TO PANELBOARD 1T-LD-1	3
TICKETING BHS MCP-2	3	90	9	18.68	10	100	3	PANEL 1T-HP-1	3
SPACE	3	13	14	15	16	17	18	SPACE	3
SPACE	3	19	20	21	22	23	24	SPACE	3
SPACE	3	25	26	27	28	29	30	SPACE	3
SPACE	3	31	32	33	34	35	36	SPACE	3
SPACE	3	37	38	39	40	41	42	SPACE	3
SPACE	3	43	44	45	46	47	48	SPACE	3
SPACE	3	49	50	51	52	53	54	SPACE	3
SPACE	3	55	56	57	58	59	60	SPACE	3
123 119 122									

PANELBOARD: 2T-HLS-1 MAINS: 60A MCB AMPS: 225A MIN AIC: 65,000 NEW MECH. LOCATION: UTILITY G127 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: EMERGENCY POWER SYS.									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG-E219 WEST,E226,E231 E203-E206	1	20	1	0.34	2	20	1	LTG-E219 EAST,E207-E218 G128,E220-E223	1
LTG-G103,G104,B104,B110 G116-G127,G129-G132	1	20	3	0.32	4	20	1	LTG-B118,G105-G114	1
LTG-B117,G101	1	20	5	0.34	6	20	1	LTG-G102	1
SPARE	1	20	7	0.31	8	20	1	SPARE	1
SPARE	1	20	9	0.31	10	20	1	SPARE	1
SPARE	1	20	11	0.31	12	20	1	SPARE	1
SPARE	1	13	14	15	16	17	18	SPACE	1
SPARE	1	19	20	21	22	23	24	SPACE	1
SPARE	1	25	26	27	28	29	30	SPACE	1
SPARE	1	31	32	33	34	35	36	SPACE	1
SPARE	1	37	38	39	40	41	42	SPACE	1
SPACE	1	43	44	45	46	47	48	SPACE	1
SPACE	1	49	50	51	52	53	54	SPACE	1
SPACE	1	55	56	57	58	59	60	SPACE	1
0.82 0.8 0.45									

PANELBOARD: 1T-HSB-1 MAINS: 350A MCB AMPS: 400A MIN AIC: 65,000 NEW MECH. LOCATION: RM A129 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: STANDBY POWER SYSTEM									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
BAGGAGE HANDLING SYSTEM MPS-1	3	60	3	5.7	4	60	3	BAGGAGE HANDLING SYSTEM MPS-2	3
ELEVATOR EL-1 HYDRAULIC PUMP MOTOR	3	90	9	25.77	10	90	3	ELEVATOR EL-2 HYDRAULIC PUMP MOTOR	3
SPACE	3	30	13	14	15	16	17	SPACE	3
SPACE	3	19	20	21	22	23	24	SPACE	3
62.9462.9462.94									

PANELBOARD: 1T-HM-1 MAINS: 250 A MCB AMPS: 250A MIN AIC: 65,000 NEW MECH. LOCATION: RM A129 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES:									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
AIR HANDLING UNIT AHU-1	3	45	3	6.18	4	20	3	PRIMARY CHILL WATER PUMP PCHP-1A	3
BOILER B-1	3	20	9	1.39	10	20	3	PRIMARY CHILL WATER PUMP PCHP-1B	3
BOILER B-2	3	20	13	1.39	14	20	3	PRIMARY CHILL WATER PUMP PCHP-2	3
HOT WATER PUMP HWP-1	3	20	19	1.39	20	30	3	SEC. CHILL WATER PUMP SCHP-1	3
HOT WATER PUMP HWP-2	3	20	25	1.39	26	30	3	SEC. CHILL WATER PUMP SCHP-2	3
RETURN FAN RF-1	3	20	31	1.39	32	15	3	PHWP-1	3
SPARE	3	30	33	1.39	34	15	3	PHWP-2	3
SPARE	3	30	35	1.39	36	30	3	SPARE	3
SPARE	3	30	37	1.39	38	20	3	SPARE	3
SPACE	3	30	39	1.39	40	20	3	SPACE	3
39.0 39.0 39.0									

PANELBOARD: 2T-HP-1 MAINS: 60A MCB AMPS: 225A MIN AIC: 65,000 NEW MECH. LOCATION: STORAGE G124 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 23									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG-E219 WEST,E226,E231 E203-E206	1	20	1	0.34	2	20	1	LTG-E219 EAST,E207-E218 G128,E220-E223	1
LTG-G103,G104,B104,B110 G116-G127,G129-G132	1	20	3	0.32	4	20	1	LTG-B118,G105-G114	1
LTG-B117,G101	1	20	5	0.34	6	20	1	LTG-G102	1
SPARE	1	20	7	0.31	8	20	1	SPARE	1
SPARE	1	20	9	0.31	10	20	1	SPARE	1
SPARE	1	20	11	0.31	12	20	1	SPARE	1
SPARE	1	20	13	0.31	14	20	1	SPACE	1
SPARE	1	20	15	0.31	16	20	1	SPACE	1
SPARE	1	20	17	0.31	18	20	1	SPACE	1
SPARE	1	20	19	0.31	20	20	1	SPACE	1
SPARE	1	21	22	23	24	25	26	SPACE	1
SPARE	1	27	28	29	30	31	32	SPACE	1
SPARE	1	33	34	35	36	37	38	SPACE	1
SPARE	1	39	40	41	42	43	44	SPACE	1
SPACE	1	45	46	47	48	49	50	SPACE	1
3.3 3.7 2.1									

PANELBOARD: 1T-HSB-2 MAINS: 225A MCB AMPS: 225A MIN AIC: 65,000 NEW MECH. LOCATION: C116 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: STANDBY POWER SYSTEM									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
BAGGAGE CLAIM MCP-3S	3	40	3	5.7	4	40	3	BAGGAGE CLAIM MCP-4S	3
SPACE	3	30	13	14	15	16	17	SPACE	3
ESCALATOR ES-1 MOTOR	3	35	17	1.48	18	35	3	ESCALATOR ES-2 MOTOR	3
SPACE	3	19	20	21	22	23	24	SPACE	3
23.462.3.462.3.46									

PANELBOARD: 1T-HP-1 MAINS: 100A MCB AMPS: 225A MIN AIC: 65,000 NEW MECH. LOCATION: RM A129 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 19									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG-A101,A100,A103-106	1	20	1	1.56	2	20	1	LTG-A	1
LTG-A101,A100,A103-106	1	20	3	1.56	4	20	1	LTG-FRONT CANOPY WEST	1
SPARE	1	20	5	1.56	6	20	1	SPARE	1
SPARE	1	20	7	1.56	8	20	1	SPARE	1
SPARE	1	20	9	1.56	10	20	1	SPARE	1
SPARE	1	20	11	1.56	12	20	1	SPARE	1
SPARE	1	20	13	1.56	14	20	1	SPARE	1
SPARE	1	20	15	1.56	16	20	1	SPARE	1
SPARE	1	20	17	1.56	18	20	1	SPARE	1
SPARE	1	20	19	1.56	20	20	1	SPARE	1
SPARE	1	21	22	23	24	25	26	SPACE	1
SPARE	1	27	28	29	30	31	32	SPACE	1
SPARE	1	33	34	35	36	37	38	SPACE	1
SPARE	1	39	40	41	42	43	44	SPACE	1
SPACE	1	45	46	47	48	49	50	SPACE	1
4.26 2.31 0									

PANELBOARD: 1T-HP-2 MAINS: 225 A MCB AMPS: 225A MIN AIC: 65,000 NEW MECH. LOCATION: C116 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 20									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LTG-C102	1	20	1	1.87	2	20	1	LTG-C100,G101,C105-111B	1
LTG-C103,C116	1	20	3	1.87	4	20	1	LTG-A102,B100,B101 B116-B118	1
SPARE	1	20	5	1.87	6	20	1	LTG-C115,A120-126 B105-B115,B119-B130	1
LTG-ENTRANCE CANOPY (CTR)	1	20	7	1.87	8	20	1	SPARE	1
LTG-ENTRANCE CANOPY (CTR)	1	20	9	1.87	10	20	1	SPARE	1
SPARE	1	20	11	1.87	12	20	1	SPARE	1
SPACE	1	13	14	15	16	17	18	SPACE	1
SPACE	1	19	20	21	22	23	24	SPACE	1
SPACE	1	25	26	27	28	29	30	SPACE	1
SPACE	1	31	32	33	34	35	36	SPACE	1
SPACE	1	37	38	39	40	41	42	SPACE	1
SPACE	1	43	44	45	46	47	48	SPACE	1
SPACE	1	49	50	51	52	53	54	SPACE	1
SPACE	1	55	56	57	58	59	60	SPACE	1
3.5 3.47 1.43									

PANELBOARD: 2B-HP-1 MAINS: 60 A MCB AMPS: 100A MIN AIC: 65,000 NEW MECH. LOCATION: MECH. E221 VOLTS: 480Y/277 VAC PHASE: 3 WIRES: 4 MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 24									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	P
LIGHTING E226-E233	1	20	1	1.85	2	20	1	LIGHTING PASS E216	1
SPARE	1	20	3	1.85	4	20	1	SPARE	1
SPARE	1	20	5	1.85	6	20	1	SPARE	1
SPARE	1	20	7	1.85	8	20	1	SPARE	1
SPARE	1	20	9	1.85	10	20	1	SPARE	1
SPARE	1	20	11	1.85	12	20	1	SPARE	1
SPACE	1	13	14	15	16	17	18	SPACE	1
SPACE	1	19	20	21	22	23	24	SPACE	1
SPACE	1	25	26	27	28	29	30	SPACE	1
SPACE	1	31	32	33	34	35	36	SPACE	1
SPACE	1	37	38	39	40	41	42	SPACE	1
SPACE	1	43	44	45	46	47	48	SPACE	1
SPACE	1	49	50	51	52	53	54	SPACE	1
SPACE	1	55	56	57	58	59	60	SPACE	1
1.85 0 0									

PANELBOARD: 1A-HD-1		MAINS: 800A MCB		AMPS: 800A		MIN AIC: 65000	
MECHANICAL		VOLTS: 480/277 VAC		PHASE: 3		WIRES: 4	
MOUNTING: SURFACE		ENCL NEMA: 1		NOTES:		EXISTING	
SERVES		P	TA	CB	TA	P	SERVES
				A	B		
				1	0.40	2	
EXISTING		3	20	3	0.53	4	20
				5	0.20	6	
				7		8	
SPARE		3	150	9		10	150
				11		12	
				13		14	
BRIDGE A1 PCAIR UNIT		3	125	15		16	125
				17		18	
				19		20	
EXISTING AHU-3 CKT1		3	100	21		22	40
				23		24	
				25		26	
SPACE		3	--	27		28	--
				29		30	
				0.4	0.53	0.20	

PANELBOARD: 1T-RP-6 MAINS: 100A MCB AMPS: 225A MIN AIC: 65,000									
RENTAL COUNTER									
LOCATION: C107B VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 6									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT-RENTAL COUNTER C107B	1	20	1	20	1	20	1	RECPT-RENTAL COUNTER C111B	
RECPT-WATER COOLER	1	20	3	20	1	20	1	RECPT-RENTAL COUNTER C110B	
RECPT-WOMENS C106,C105	1	20	5	20	1	20	1	RECPT-RENTAL COUNTER C109B	
HAND DRYER	1	30	7	20	1	20	1	RECPT-OFFICE C101	
HAND DRYER	1	30	9	20	1	20	1	RECPT-RENTAL COUNTER C110B	
SPARE	1	20	11	20	1	20	1	RECPT-RENTAL COUNTER C109B	
RECPT- OFFICE C107	1	20	13	20	1	20	1	RECPT-RENTAL COUNTER C109B	
RECPT- OFFICE C108A	1	20	15	20	1	20	1	RECPT-RENTAL COUNTER C109B	
RECPT- OFFICE C100A	1	20	17	20	1	20	1	RECPT-RENTAL COUNTER C109B	
RECPT- OFFICE C110A	1	20	19	20	1	20	1	TV BAG CLAIM C102	
RECPT- OFFICE C111A	1	20	21	20	1	20	1	RECPT-RENTAL COUNTER C109B	
TV BAG CLAIM C102	1	20	23	20	1	20	1	RECPT-RENTAL COUNTER C111B (FOR SIGN)	
BAG CLAIM VEST C100	1	20	25	20	1	20	1	RECPT-RENTAL COUNTER C110B (FOR SIGN)	
EXHAUST FAN EF-3	1	20	27	20	1	20	1	RECPT-RENTAL COUNTER C109B (FOR SIGN)	
SPACE	1	--	29	20	1	20	1	RECPT-RENTAL COUNTER C107B (FOR SIGN)	
SPACE	1	--	31	20	1	20	1	SPACE	
SPACE	1	--	33	20	1	20	1	SPACE	
SPACE	1	--	35	20	1	20	1	SPACE	
SPACE	1	--	37	20	1	20	1	SPACE	
SPACE	1	--	39	20	1	20	1	SPACE	
SPACE	1	--	41	20	1	20	1	SPACE	
6.54 6.24 3.16									

PANELBOARD: 1B-RP-2 MAINS: 100A MCB AMPS: 225A MIN AIC: 65,000									
LOUNGE									
LOCATION: A114 VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 9									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT-WOMEN D113	1	20	1	20	1	20	1	RECPT - PC D116	
WOMEN D113 HANDDRYER	1	20	3	20	1	20	1	RECPT - PC D116	
RECPT-MEN D114	1	20	5	20	1	20	1	RECPT - PC D116	
MEN D114 HANDDRYER	1	20	7	20	1	20	1	SPACE	
RECPT-JANITOR D149	1	20	9	20	1	20	1	RECPT - PRINTER D117	
RECPT-LOUNGE D116	1	20	11	20	1	20	1	RECPT - TIME CLOCK D117	
RECPT-LOUNGE D116	1	20	13	20	1	20	1	RECPT - GRD TO AIR RAD	
RECPT-LOUNGE D116	1	20	15	20	1	20	1	RECPT - R RECORD D117	
UNISEX TOILET D119	1	20	17	20	1	20	1	RECPT - PC D138	
UNISEX TOILET D119 HANDDRYER	1	20	19	20	1	20	1	SPACE	
RECPT STORAGE D122 (OUTDOOR)	1	20	21	20	1	20	1	SPACE	
EXHAUST FAN EF-B3	1	20	23	20	1	20	1	RECPT - PRINTER D138	
SPACE	1	--	25	20	1	20	1	SPACE	
SPACE	1	--	27	20	1	20	1	SPACE	
SPACE	1	--	29	20	1	20	1	RECPT - PC D117	
SPACE	1	--	31	20	1	20	1	SPACE	
SPACE	1	--	33	20	1	20	1	SPACE	
SPACE	1	--	35	20	1	20	1	SPACE	
SPACE	1	--	37	20	1	20	1	SPACE	
HOT WATER RECIRC.	2	20	39	20	1	20	1	SPACE	
PUMP: RCP-3	1	--	41	20	1	20	1	SPACE	
5.78 5.48 4.53									

PANELBOARD: 2B-RP-2 MAINS: 175 A MCB AMPS: 225A MIN AIC: 22,000									
MECH E221									
LOCATION: MECH E221 VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 15									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT- WATER COOLER	1	20	1	20	1	20	1	CHARGE STATION	
RECPT- GATE G226	1	20	3	20	1	20	1	CHARGE STATION	
CHARGE STATION	1	20	5	20	1	20	1	WOMEN E207 HAND DRYER	
CHARGE STATION	1	20	7	20	1	20	1	SPARE	
CHARGE STATION	1	20	9	20	1	20	1	SPARE	
CHARGE STATION	1	20	11	20	1	20	1	MEN E211 HAND DRYER	
CHARGE STATION	1	20	13	20	1	20	1	SPARE	
CHARGE STATION	1	20	15	20	1	20	1	SPARE	
CHARGE STATION	1	20	17	20	1	20	1	SPARE	
SPARE	1	20	19	20	1	20	1	SPARE	
SPACE	1	--	21	20	1	20	1	SPACE	
SPACE	1	--	23	20	1	20	1	SPACE	
SPACE	1	--	25	20	1	20	1	SPACE	
SPACE	1	--	27	20	1	20	1	SPACE	
SPACE	1	--	29	20	1	20	1	SPACE	
SPACE	1	--	31	20	1	20	1	SPACE	
SPACE	1	--	33	20	1	20	1	SPACE	
SPACE	1	--	35	20	1	20	1	SPACE	
SPACE	1	--	37	20	1	20	1	SPACE	
SPACE	1	--	39	20	1	20	1	SPACE	
SPACE	1	--	41	20	1	20	1	SPACE	
3.56 4.10 4.8									

GENERAL NOTES:

- BOLD TEXT INDICATES NEW PANELBOARD, CHANGES TO BREAKER SIZE, LOAD, LOAD SERVED OR CIRCUIT. PROVIDE NEW BREAKERS WHERE SHOWN BOLD TO MATCH PANELBOARD TYPE AND CHARACTERISTICS.

DRAWING NOTES:

- BREAKER SHALL BE CAPABLE OF BEING LOCKED IN OPEN POSITION.
- UTILIZE EXISTING 1P, 20A CIRCUIT BREAKER.

PANELBOARD: 2B-RP-1 MAINS: 175 A MCB AMPS: 225A MIN AIC: 22,000									
MECH E205									
LOCATION: MECH E205 VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 14									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT-GATE LOUNGE E231	1	20	1	20	1	20	1	CHARGE STATION	
RECPT-GATE LOUNGE E228	1	20	3	20	1	20	1	CHARGE STATION	
RECPT-GATE LOUNGE E203	1	20	5	20	1	20	1	CHARGE STATION	
CHARGE STATION	1	20	7	20	1	20	1	SPARE	
CHARGE STATION	1	20	9	20	1	20	1	SPARE	
SPARE	1	20	11	20	1	20	1	SPARE	
SPARE	1	20	13	20	1	20	1	SPARE	
SPARE	1	20	15	20	1	20	1	SPARE	
SPARE	1	20	17	20	1	20	1	SPARE	
SPARE	1	20	19	20	1	20	1	SPARE	
SPACE	1	--	21	20	1	20	1	SPACE	
SPACE	1	--	23	20	1	20	1	SPACE	
SPACE	1	--	25	20	1	20	1	SPACE	
SPACE	1	--	27	20	1	20	1	SPACE	
SPACE	1	--	29	20	1	20	1	SPACE	
SPACE	1	--	31	20	1	20	1	SPACE	
SPACE	1	--	33	20	1	20	1	SPACE	
SPACE	1	--	35	20	1	20	1	SPACE	
SPACE	1	--	37	20	1	20	1	SPACE	
SPACE	1	--	39	20	1	20	1	SPACE	
SPACE	1	--	41	20	1	20	1	SPACE	
4.1 4.1 3.2									

PANELBOARD: 2T-SRP-3 MAINS: 100A MCB AMPS: 225A MIN AIC: 22,000									
POLICE									
LOCATION: STATION G107 VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 13									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT-WAITING G101	1	20	1	20	1	20	1	EXHAUST FAN EF-5	
RECPT-WATER COOLER G101	1	20	3	20	1	20	1	WAITING G101.	
RECPT-POLICE G107	1	20	5	20	1	20	1	DOOR HARDWARE.	
TOILET G108 HANDDRYER	1	30	7	20	1	20	1	RECPT-WAITING G101 TV.	
RECPT-WOMEN G112	1	20	9	20	1	20	1	RECPT-POLICE ST G107	
WOMEN G112 HANDDRYER.	1	30	11	20	1	20	1	TSA SLIDING DOOR	
RECPT-MEN G111	1	20	13	20	1	20	1	SPACE	
MEN G111 HANDDRYER	1	30	15	20	1	20	1	SPACE	
FAMILY HANDDRYER G109-G110	1	30	17	20	1	20	1	SPACE	
RECPT-FAMILY G108-G110	1	30	19	20	1	20	1	SPACE	
SPACE	1	20	21	20	1	20	1	SPACE	
SPACE	1	20	23	20	1	20	1	SPACE	
SPACE	1	--	25	20	1	20	1	SPACE	
SPACE	1	--	27	20	1	20	1	SPACE	
SPACE	1	--	29	20	1	20	1	SPACE	
SPACE	1	--	31	20	1	20	1	SPACE	
SPACE	1	--	33	20	1	20	1	SPACE	
SPACE	1	--	35	20	1	20	1	SPACE	
SPACE	1	--	37	20	1	20	1	SPACE	
SPACE	1	--	39	20	1	20	1	SPACE	
SPACE	1	--	41	20	1	20	1	SPACE	
4.55 5.04 7.62									

PANELBOARD: 2T-RP-1 MAINS: 100A MCB AMPS: 225A MIN AIC: 22,000									
UTILITY									
LOCATION: G127 VOLTS: 208Y/120 VAC PHASE: 3 WIRES: 4									
MOUNTING: SURFACE ENCL NEMA: 1 NOTES: DESIGNATION 12									
1.00									
SERVES	P	TA	CB	TA	CB	TA	P	SERVES	
RECPT-OFFICE G119.	1	20	1	20	1	20	1	RECPT-OFFICE G117	
RECPT-OFFICE G131.	1	20	3	20	1	20	1	RECPT-WAITING G101	
RECPT-LOUNGE G122 FRIG.	1	20	5	20	1	20	1	DISHWASHER	
RECPT-KITCHEN G122 TV.	1	20	7	20	1	20	1	RECPT - MICROWAVE	
RECPT-KITCHEN G121	1	20	9	20	1	20	1	RECPT-G116,G115,G113	
RECPT-KITCHEN G122.	1	20	11	20	1	20	1	RECPT - RECPT G120	
RECPT-RECPT G120	1	20	13	20	1	20	1	RECPT-CONFERENCE G118	
RECPT-ELEV EQ RM G133.	1	20	15	20	1	20	1	RECPT-CONF. G118	
RECPT-WAITING G101.	1	20	17	20	1	20	1	RECPT-CONF. G118	
TOILET G123 HANDDRIYER.	1	20	19	20	1	20	1	RECPT-OFFICE G126	
RECPT-BADGING G125.	1	20	21	20	1	20	1	SPARE	
RECPT-CORRIDOR G132.	1	20	23	20	1	20	1	RECPT-OFFICE G126	
RECPT-OFFICE G130.	1	20	25	20	1	20	1	SPARE	
RECPT-OFFICE G129.	1	20	27	20	1	20	1	RECPT - STORAGE 120	
RECPT-OFFICE G128.	1	20	29	20	1	20	1	SPARE	
RECPT-TOILET G123.	1	20	31	20	1	20	1	SPARE	
RECPT-ADMIN ASSIST1 G121.	1	20	33	20	1	20	1	SPARE	
EXHAUST FAN EF-4	1	20	35	20	1	20	1	SPARE	
RECPT-ADMIN ASSIST1 G121.	1	20	37	20	1	20	1	SPARE	
DOOR HARDWARE G132	1	20	39	20	1	20	1	SPARE	
SPARE	1	20	41	20	1	20	1	SPARE	
8.78 4.96 5.77									

