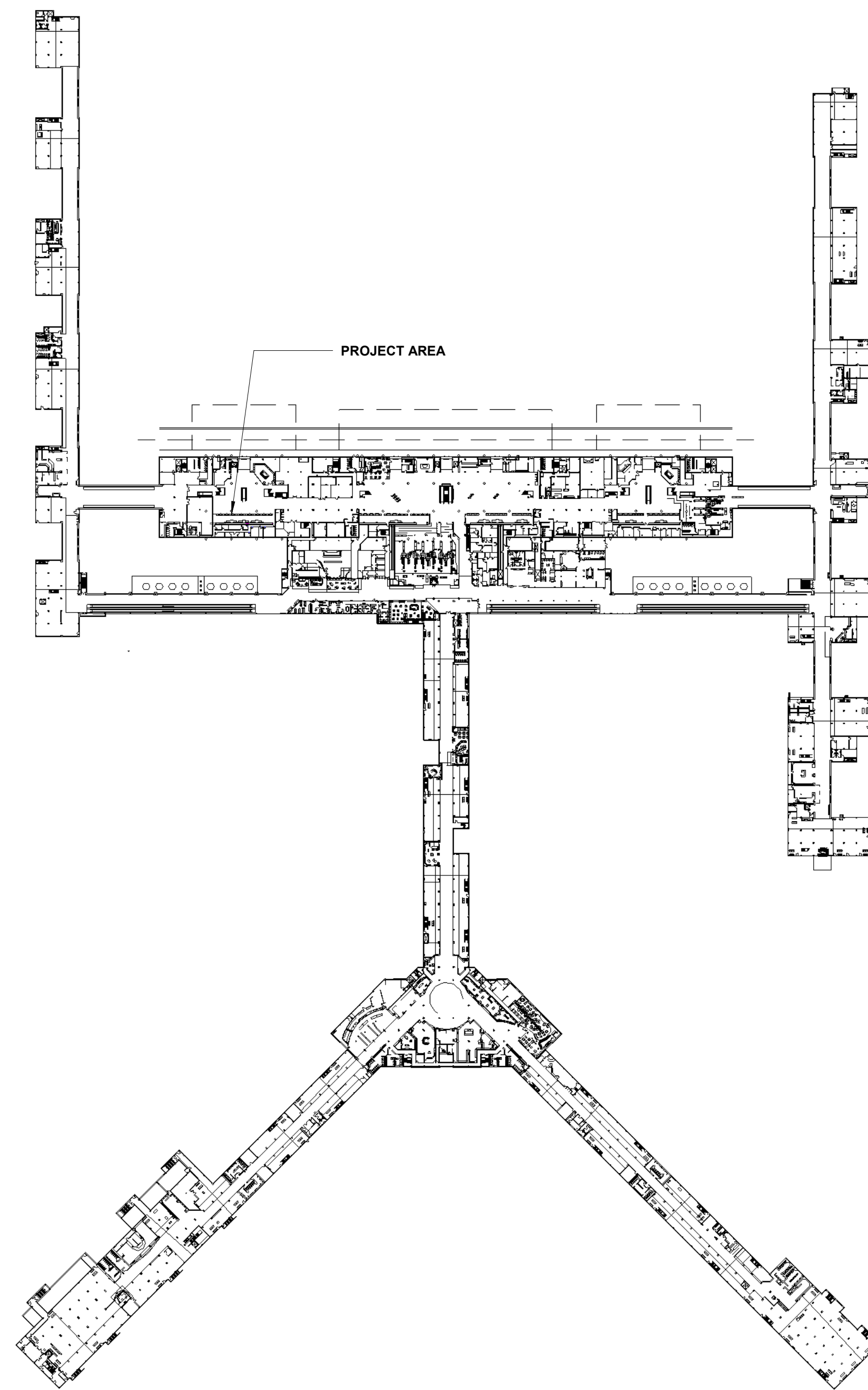


MEMPHIS INTERNATIONAL AIRPORT  
2491 Winchester Rd, Memphis, TN 38116

# TERMINAL A TICKETING COUNTER MISCELLANEOUS ELECTRICAL AND DATA CABLING UPGRADE

10-19-2023



## INDEX OF DRAWINGS

05-18-2023





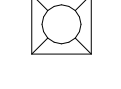


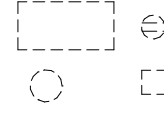
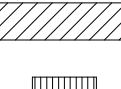
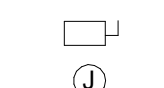
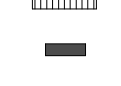

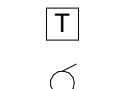
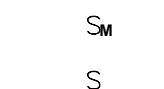

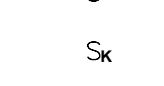
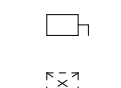
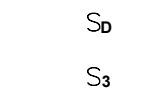



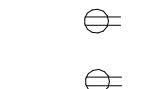


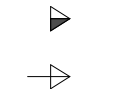
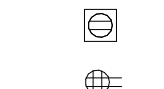
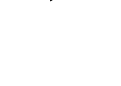
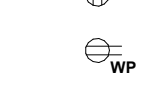

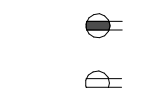

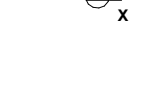




<b>GENERAL</b>		
G0.00E	COVER SHEET	•
<b>ELECTRICAL</b>		
E000	ELECTRICAL - LEGEND, GENERAL PROJECT NOTES, SCHEDULES AND DETAILS	•
E101	ELECTRICAL - NEW TICKETING COUNTER LAYOUT	•
E103	ELECTRICAL - APRON LEVEL	•

### PROJECT NOTES

- SEE ELECTRICAL DRAWINGS, SPECIFICATION AND CLARIFICATION PICTURES FOR SPECIFICS REGARDING THE DETAILS OF NEW NETWORK AND POWER WORK.
- ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE BUILDING, ELECTRICAL, MECHANICAL, FIRE PROTECTION AND LIFE SAFETY CODE ENFORCED BY LOCAL AUTHORITY. DESIGN BUILD CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, APPROVALS, LICENSES, ETC. FOR ALL TRADES. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL CODES, ORDINANCES, AND REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR FILING AND SECURING ALL NECESSARY PERMITS, APPROVALS, ETC. FOR ALL TRADES.
- THE CONTRACTOR SHALL PLAN AND SCHEDULE THE PROGRESSION OF THE WORK SO THAT FINISHED AREAS DO NOT HAVE TO BE OPERATED ON OR OTHERWISE USED AS ROUTES FOR MATERIAL TRANSPORTATION IN ORDER TO REACH REMAINING WORK. SCHEDULE ANY PREPARATION WORK TO MINIMIZE THE RISK OF DAMAGE. COORDINATE WITH OWNER THE SEQUENCE OF DEMOLITION AND CONSTRUCTION PRIOR TO STARTING OF WORK.
- CONTRACTOR SHALL SCHEDULE THE WORK PER MANUFACTURER RECOMMENDATION AND SPECIFICATION. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR WATER DAMAGE TO THE PROPERTY DUE TO UNFINISHED OPEN WORK.
- COORDINATE THE COMPATIBILITY OF THE PREPARATION WORK WITH THE REQUIREMENTS OF THE MATERIALS AND PROCEDURES SPECIFIED FOR THE NEW WORK. SCHEDULE ALL PREPARATION WORK TO COINCIDE AS CLOSELY AS PRACTICABLE WITH THE INSTALLATION OF NEW MATERIALS.
- ANY DAMAGE TO EXISTING FINISH, INCLUDING BUT NOT LIMITED TO WALL FINISHES, FLOORING, ETC., USED AS HAUL ROUTES OR ACCESS ROUTES SHALL BE CONSIDERED THE RESPONSIBILITY OF THE CONTRACTOR AND HE/SHE SHALL PROMPTLY REPAIR ANY DAMAGED TO ITS ORIGINAL CONDITION, TO THE SATISFACTION OF THE OWNER AND ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR MUST FOLLOW THE AIRPORT REQUIREMENTS OF ID BADGING AND ACCESS TO WORK AREA THAT REQUIRE SECURITY CREDENTIALS.
- VERIFY JOB CONDITIONS PRIOR TO BEGINNING WORK. REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS WHICH MAY INTERFERE WITH SATISFACTORY COMPLETION OF WORK. RESOLVE ANY DISCREPANCIES PRIOR TO BEGINNING WORK. VERIFY ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION, INSTALLATION CRITERIA, COORDINATE ALL TRADES AND THE METHODS OF CONSTRUCTION. ALL WORK IS TO CONFORM WITH DRAWINGS AND SPECS. DRAWINGS ARE NOT TO BE SCALED FOR INFORMATION. CONTRACTOR TO VERIFY THE ACTUAL SIZE FOR PROPER INSTALLATION.
- ENSURE THE PREMISES ARE MAINTAINED CLEAN AND FREE OF DEBRIS DURING WORK. COORDINATE THE FREQUENCY OF REMOVAL WITH OWNER. FINAL CLEANUP IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIR, PATCH, TOUCH-UP AND MAINTAIN CLEANING THROUGHOUT THE PROJECT. REMOVE AND DISPOSE OF ALL DEMOLISHED MATERIAL AND OTHER CONSTRUCTION DEBRIS. OWNER'S DUMPSTER(S) OR TRASH CAN(S) SHALL NOT BE FOR DISPOSAL OF ANY CONSTRUCTION WASTE. REPAIR GROUND DAMAGE CAUSED BY TRUCK TRAFFIC.
- CONTRACTOR TO OVERSEE CLEANING AND ENSURE THAT THE PREMISES ARE MAINTAINED AND **SECURED** DURING CONSTRUCTION. DAILY CLEANUP AND FINAL CLEANUP IS THE RESPONSIBILITY OF THE CONTRACTOR. REPAIR, PATCH TOUCH-UP AND MAINTAIN CLEANING UNTIL ACCEPTANCE. BY OWNER OWNER RESERVES THE RIGHT TO REJECT ANY COMPLETED WORK THAT HAS NOT BEEN PROPERLY PROTECTED FROM CONSTRUCTION MATERIAL, UNPROTECTED FOOT TRAFFIC OR ANY CONSTRUCTION ACTIVITY HAS POTENTIALLY COMPROMISED THE INTEGRITY OF THE NEW INSTALLATION.
- COORDINATE AND OBTAIN APPROVAL FROM OWNER FOR LOCATION OF DUMPSTER, MATERIAL STAGING, ETC.
- ALL MATERIAL STORED ON SITE SHALL BE PROPERLY PROTECTED TO PREVENT DAMAGE. FAILURE TO PROTECT MATERIAL MAY BE CAUSE FOR REJECTION OF WORK.
- REMOVE CONSTRUCTION AND GENERAL DEBRIS FROM THE WORK AREA. DISCARD ANY SCREWS, METAL SCRAPS, FOOD, WATER BOTTLES AND MISCELLANEOUS GARBAGE.
- CONTRACTOR'S FIELD SUPERINTENDENT MUST BE PRESENT AND RESPONSIBLE FOR OVERSEEING THE WORK PROGRESS WHEN ANY WORK IS PERFORMED, FOR THE DURATION OF THE REPAIR PROJECT. CONTRACTOR MUST MAINTAIN AND FURNISH ELECTRONIC DAILY LOG TO PROJECT TEAM AND OWNER DESIGNATED PERSONNEL DAILY. THE LOG DOCUMENTATION SHALL INCLUDE INFORMATION SUCH AS AMOUNT OF WORK COMPLETED, PROGRESS PICTURES, FIELD CHANGES, CONCEALED CONDITIONS, TRANSITION OF MATERIAL, UNFORESEEN DAMAGES, INCIDENTS ETC. THIS INFORMATION SHALL BE INCLUDED AS PART OF THE CLOSEOUT DOCUMENT AT THE END OF THE PROJECT.
- ALL WORK IS TO CONFORM WITH DRAWINGS AND SPECS. DRAWINGS ARE APPROXIMATE ONLY AND NOT TO BE SCALED FOR INFORMATION. PAYMENT WILL NOT BE MADE TO GENERAL CONTRACTOR ON CHANGES OR EXTRAS UNLESS THEY ARE VERIFIED AND APPROVED BY OWNER.
- SHOULD CONFLICT OCCUR IN OR BETWEEN DRAWINGS OR WHERE DETAIL REFERENCES OR CONTRACT DRAWINGS HAVE BEEN OMITTED, CONTRACTOR IS DEEMED TO HAVE ESTIMATED THE MOST EXPENSIVE MATERIALS AND CONSTRUCTION INVOLVED UNLESS THEY HAVE ASKED FOR AND OBTAINED WRITTEN PERMISSION FROM ARCHITECT AS TO WHICH MATERIAL OR METHOD WILL BE REQUIRED.
- NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN APPROVED BY THE AIRPORT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS AND SAMPLES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING JOB CONDITIONS AND SHALL REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF WORK. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION, INSTALLATION CRITERIA, COORDINATION OF ALL TRADES AND THE METHODS OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE A SCHEDULE OF SHOP DRAWINGS, SAMPLES AND CUT SHEETS TO ENGINEER/OWNER'S APPROVAL PRIOR TO ORDERING OR FABRICATION. CONTRACTOR'S RESPONSIBILITY FOR ERROR OR OMISSIONS IN SUBMITTAL IS NOT RELIEVED BY A/E REVIEW OF SUBMITTAL. DISRUPTION SHALL BE MINIMAL OUTSIDE PROJECT LIMIT AT ALL TIMES DURING CONSTRUCTION.
- THE EXACT LIMITS OF THE CONTRACTOR'S STAGING AND STORAGE AREA SHALL BE ESTABLISHED BY THE CONTRACTOR WITH THE APPROVAL OF MSCAA.
- CONTRACTOR SHALL EXERCISE ALL SAFETY PRECAUTION DURING WORK. DO NOT ALLOW WASTE MATERIAL TO COLLECT IN CONCENTRATED BUILDUPS AROUND THE WORK AREA. FURNISH PROTECTION OF THE BUILDINGS CONTENTS AND PERSONNEL AT ALL TIMES. COLLECT AND REMOVE DEMOLITION AND WASTE MATERIAL FROM THE WORK AREA IN AN ORDERLY MANNER.
- THE PROJECT AREA WILL BE IN USE DURING THE CONSTRUCTION. THEREFORE, IT IS OF UTMOST IMPORTANCE FOR SAFETY DURING THE WORK. COORDINATE ALL MATERIAL, WORKMEN ACCESS, WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF THE OWNER'S USE OF THE FACILITY AND TO MINIMIZE THE THREAT OF LOSS OR DAMAGE TO THE EXISTING FACILITY, ITS CONTENTS, AND OCCUPANTS THE CONSTRUCTION SHALL NOT COMPROMISE SECURITY, LIFE SAFETY OR FIRE SAFETY REQUIREMENTS. ANY WORK AFFECTING CODE REQUIREMENTS SHALL BE COMPLETED IN THE SAME WORK DAY OR TEMPORARY MEASURES SHALL BE TAKEN TO ASSURE SAFETY COMPLIANCE AT ALL TIMES.
- SEE TERMS AND CONDITIONS IN PROCUREMENT REQUIREMENT FOR INFORMATION ABOUT LIQUIDATED DAMAGES.
- ALL WORK THAT WOULD GENERATE EXCESSIVE NOISE SUCH AS DEMOLITION JACK HAMMERING, SAW CUTTING ETC MUST OCCUR AT NIGHT FROM 2200-0500 TO AVOID DISTURBANCE OF THE DAY TIME OPERATION OF THE AIRPORT.
- SHOULD THERE BE A NEED FOR MASONRY OR CONCRETE CUTTING OR DRILLING, IT IS THE RESPONSIBILITY FOR OF THE CONTRACTOR TO PROTECT BOTH CONSTRUCTION WORKERS AND AIRPORT WORKERS FROM SILICA DUST. CONTRACTORS CAN USE TOOLS FROM TABLE 1 OF THE SILICA STANDARD THAT INVOLVE HEPA VACUUMS OR WET METHODS TO PREVENT SILICA DUST FROM BECOMING AIRBORNE.

REVISIONS	
NO.	DESCRIPTION

## ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
<b>LIGHTING</b>			
	RECESSED CAN DOWNLIGHT		<b>BASIC MATERIALS</b> BRANCH CIRCUIT WIRE & CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING, HOME RUN TO PANELBOARD. A NUMERAL, IF PRESENT AT ARROW HEAD, INDICATES CIRCUIT NUMBER. ANY BRANCH CIRCUIT SHOWN WITHOUT SLASH MARKS INDICATES A CONDUIT CONTAINING (3) #12 AWG CONDUCTORS (HOT, NEUTRAL & GROUND). SLASH MARKS, IF PRESENT, INDICATE THE FOLLOWING: HOT (ENERGIZED) CONDUCTOR, NEUTRAL CONDUCTOR, GROUND CONDUCTOR
	CHAIN MOUNT LED FIXTURE (LETTER REFERENCES FIXTURE SCHEDULE)		WIRE & CONDUIT RUN EXPOSED
	RECESSED MOUNT CEILING LED LIGHTING FIXTURE		WIRE & CONDUIT RUN IN OR UNDER FLOOR
	LINEAR SUSPENDED LED LIGHTING FIXTURE		EXISTING LIGHT FIXTURE OR ELECTRICAL DEVICE MAY BE REMOVED AND/OR RELOCATED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED. UNO, LINE TYPE TYPICAL FOR ALL DEVICES TO BE REMOVED AND/OR RELOCATED.
<b>SERVICE AND DISTRIBUTION</b>			
	SWITCHBOARD		DISCONNECT SWITCH
	DISTRIBUTION PANEL		JUNCTION BOX
	BRANCH CIRCUIT PANEL		PUSHBUTTON
	TRANSFORMER		MANUAL MOTOR STARTER SWITCH
	MOTOR CONNECTION		SINGLE-POLE, SINGLE-THROW (S.P.S.T.) WALL SWITCH
	GENERATOR CONNECTION		KEYED WALL SWITCH
	DISCONNECT SWITCH (FUSED AS REQUIRED)		WALL BOX DIMMER CONTROL
	MOTOR CONTROLLER (SPECIFIED IN OTHER THAN DIV. 26)		SINGLE-POLE, DOUBLE-THROW (S.P.D.T.) WALL SWITCH
<b>COMMUNICATIONS</b>			
	DATA OUTLET WITH 3/4" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE		SINGLE RECEPTACLE IN WALL (NEMA 5-20R)
	TELEPHONE OUTLET WITH 3/4" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE		DUPLEX RECEPTACLE IN WALL (NEMA 5-20R)
	4 PORT DATA OUTLET, 2 DATA, 2 PHONE		G.F.I. TYPE DUPLEX RECEPTACLE IN WALL 44" A.F.F. (NEMA 5-20R)
	CABLE TV OUTLET		DUPLEX RECEPTACLE IN FLOOR (NEMA 5-20R)
			DOUBLE DUPLEX RECEPTACLE IN WALL (NEMA 5-20R)
			G.F.I. TYPE DUPLEX RECEPTACLE OUTDOORS (WEATHERPROOF)
			SINGLE 240V RECEPTACLE FOR APPLIANCE OR EQUIPMENT (PER APPLIANCE RATING)
			X = TR (TAMPER RESISTANT) OR AF (ARC FAULT)

## ELECTRICAL ABBREVIATIONS

SYMBOL	DESCRIPTION
A	AMPERE
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CURRENT
ANN	ANNUNCIATOR
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLP	CURRENT LIMITING PANEL
CT	CURRENT TRANSFORMER
CU	COPPER
DISC	DISCONNECT
EDF	ELECTRIC DRINKING FOUNTAIN
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FAFP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
G	GROUND
GFI	GROUND FAULT CURRENT INTERRUPTER
HP	HORSEPOWER
HZ	HERTZ
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LED	LIGHT EMITTING DIODE
MCC	MOTOR CONTROL CENTER
MLO	MAIN LUGS ONLY
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
PF	POWER FACTOR
SOWB	SPACE ONLY WITH BUS
UCSW	UNDERGROUND ELECTRICAL
V	VOLT
VA	VARIABLE FREQUENCY DRIVE
VFD	VARIABLE FREQUENCY DRIVE
WP	WEATHER PROOF
XFMR	TRANSFORMER
3P	THREE POLE
3PH	THREE PHASE
4W	FOUR WIRE
30A	30 AMPERE, 3-POLE

**GENERAL PROJECT NOTES:**

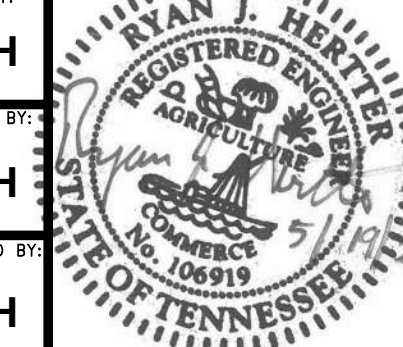
1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AIRPORT SPECIFICATIONS, NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE STANDARDS AND REGULATIONS ENFORCED BY THE AUTHORITY HAVING JURISDICTION. ALL DATA/COMM CABLE SHALL BE IN ACCORDANCE WITH DIVISION 27 SPECIFICATIONS.
2. ALL ABOVE GROUND EXTERIOR CONDUIT SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH CORROSION RESISTANT FITTINGS, CLAMPS AND SUPPORT. INTERIOR EXPOSED CONDUIT ABOVE GROUND SHALL BE EMT.
3. IN THE EVENT OF CONFLICTS BETWEEN THE DRAWINGS, SPECIFICATIONS, CODES AND REGULATIONS, NOTIFY THE ARCHITECT IN WRITING FOR ENGINEER OF RECORD'S OPINION PRIOR TO INSTALLATION.
4. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL AND TO THE ENGINEER FOR REVIEW.
5. SMACNA SEISMIC RESTRAINT MANUAL, THIRD EDITION 2008, OR LATEST REVISION MAY BE USED AS A GUIDE FOR GENERAL SEISMIC SUPPORT DETAIL AND SUPPORT SPACING RECOMMENDATIONS.
6. COORDINATE LOCATION OF ALL LIGHTING FIXTURES, MECHANICAL EQUIPMENT AND ACCESS PANELS WITH OTHER DISCIPLINES PRIOR TO ROUGH-IN.
7. WHILE GREAT EFFORT HAS BEEN MADE TO IDENTIFY EXISTING CIRCUITS THAT ARE TO BE REMOVED OR REPLACED, THE INFORMATION MAY NOT BE ACCURATE.
8. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE AND AMP DRAW FOR ALL NEW EQUIPMENT.
9. CONTRACTOR SHALL PROVIDE AN ARC-FLASH STUDY FOR NEW EQUIPMENT SUCH AS TRANSFORMER, DISCONNECTS, AND PANELBOARDS.
10. ALL LOW VOLTAGE CABLING SHALL BE TESTED PER ANSITIA-568-C AND MSCAA STANDARDS.
11. ALL COPPER DATA CABLING SHALL BE CATEGORY 6A. ALL FIBER SHALL BE SINGLE MODE TERMINATED WITH LC CONNECTORS.
12. ANSITIA-1152A TESTING STANDARDS MUST BE FOLLOWED FOR ALL DATA CABLING INSTALLATIONS.
13. ALL FIBER TESTING SHOULD INCLUDE BOTH OLTS AND OTDR AND ALL STRANDS SHALL PASS BOTH TESTS.
14. IN GENERAL, ITEMS IN GREY ARE EXISTING. DARKER ITEMS ARE NEW.
15. BIDDING CONTRACTOR SHALL COVER ALL ELECTRICAL AND LOW VOLTAGE WORK SHOWN IN THE PLANS. MSCAA IT WON'T BE PERFORMING ANY WORK OTHER THAN REMOVING NETWORK EQUIPMENT AND GENERAL COORDINATION.

**IES**  
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ARCHITECT JOB NO.  
20008-T29

DRAWN BY: PTH  
 CHECKED BY: RJH  
 APPROVED BY: RJH



CONSULTANT JOB NO.  
19015-10

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REVISIONS		
NO.	DESCRIPTION	DATE

MSCAA NO.  
19-1423-00 (19-1423-29-02)

PROJECT:  
**TERMINAL A  
TICKET COUNTERS**

SET:

SHEET TITLE:  
**ELECTRICAL - LEGEND,  
GENERAL PROJECT  
NOTES, SCHEDULES, &  
DETAILS**

REV. FILE NAME  
DATE: **10.19.2023** DWG NO: **E000**  
SCALE: **As Indicated**

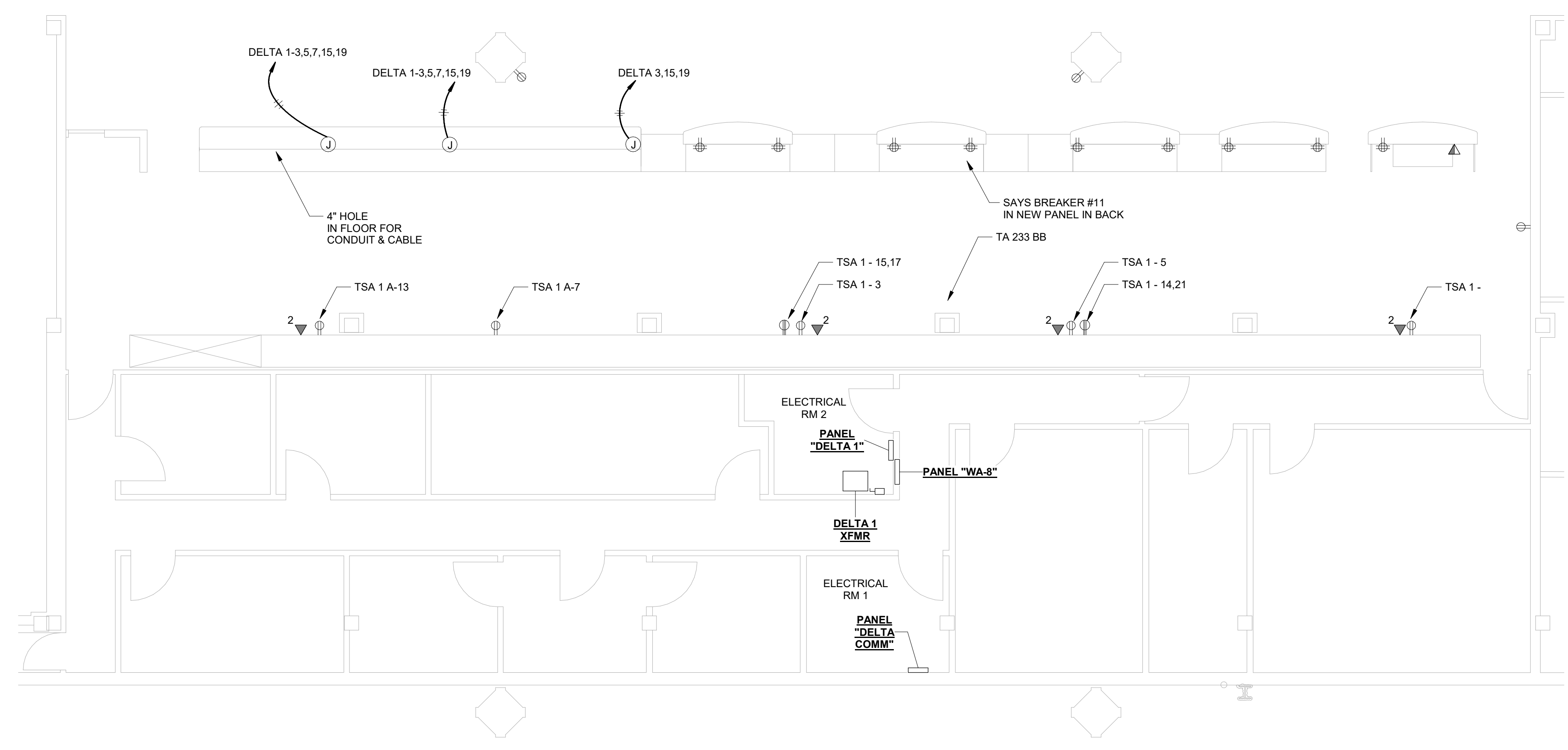
REVISIONS

NO.	DESCRIPTION	DATE

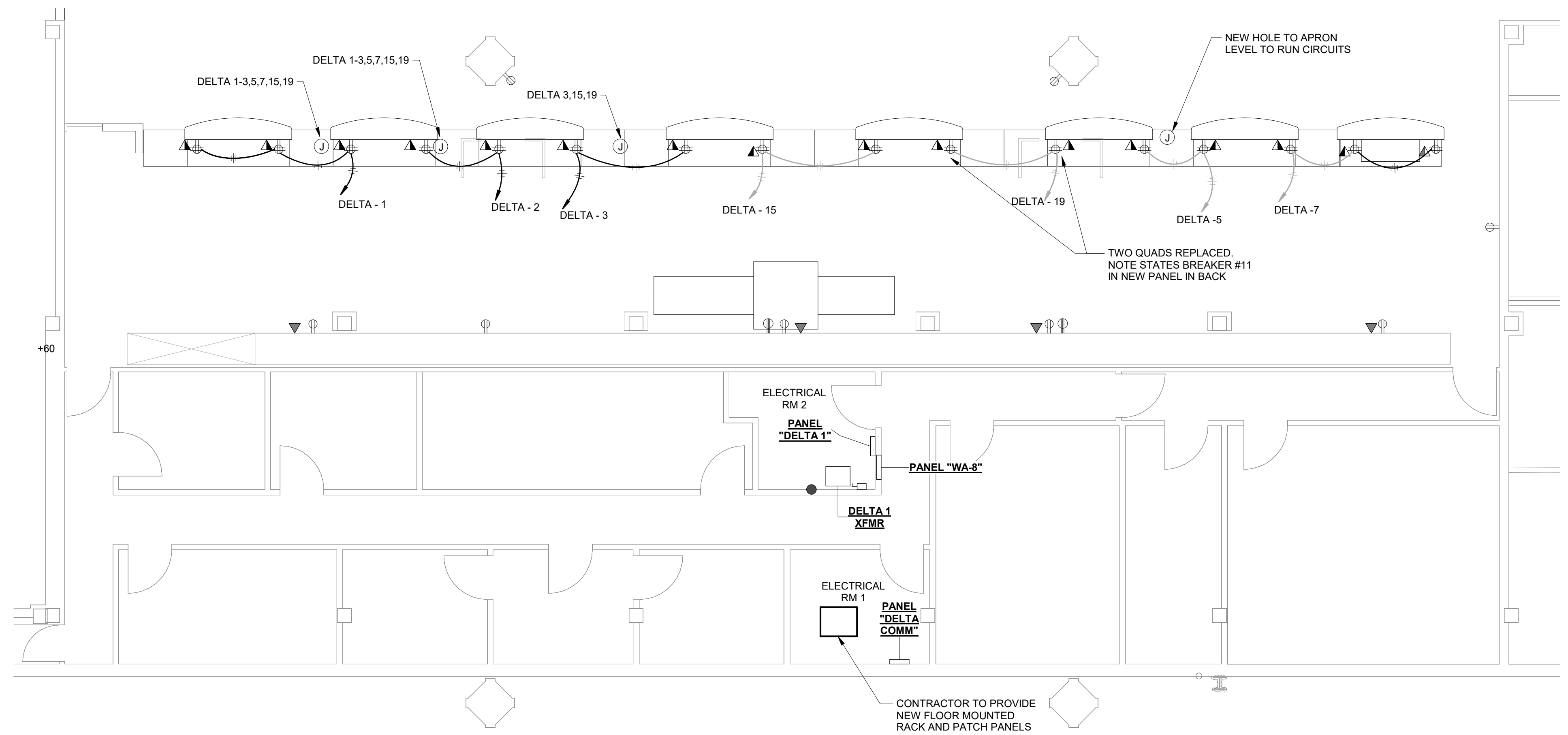
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 19-1423-00 (19-1423-29-02)  
 PROJECT:  
**TERMINAL A TICKET COUNTERS**

SET:  
 SHEET TITLE:  
**ELECTRICAL - NEW TICKETING COUNTER LAYOUT**  
 RVT: FILE NAME:  
 DATE:  
**10.19.2023**  
 DWG NO:  
**E101**  
 SCALE:  
**3/16" = 1'-0"**

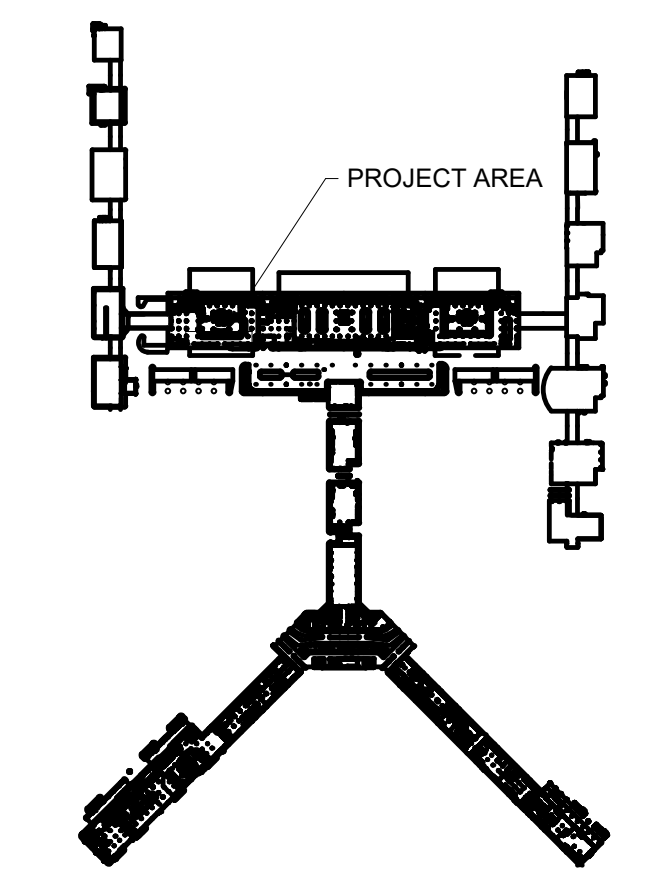
- GENERAL DRAWING NOTES**
- A. RE-USE EXISTING CIRCUITS.
  - B. SPREAD OUT EXISTING CIRCUITS DELTA 1-3, 5, 7, 15, 19. CIRCUITS ARE ALREADY TO THE JUNCTION BOXES IN THE COUNTER ROW. CIRCUITS NEED TO BE RE-DISTRIBUTED TO THE COUNTERS AS SHOWN IN NEW LAYOUT PLAN.
  - C. NEW QUAD OUTLETS ARE SHOWN WHERE A WHIP WILL ENTER THE OWNER FURNISHED COUNTER. A QUAD OUTLET SHALL BE INSTALLED INSIDE THE COUNTER.
  - D. RUN NEW DATA BACK TO ELECTRICAL RM 1. ALL DATA CABLES TO BE TERMINATED BY CONTRACTOR INTO NEW IT ROOM PATCH PANELS.
  - E. WHERE A NEW DATA OUTLET IS SHOWN IN TICKET COUNTER, THERE SHALL BE FOUR PORTS ORIGINATING FROM ELECTRICAL RM 1. ALL CABLING WILL BE CAT 6A. EACH STATION HAS A TOTAL OF (8) DATA PORTS. PHONE WILL BE VOIP.
  - F. PROVIDE NEW 96 SMF FROM CBA-MCR ROOM TO NEW TERMINAL A TICKET COUNTER IT ROOM (ELECTRICAL RM 1).
  - G. ALL RECEPTACLE CONDUCTORS SHALL BE THHN #12 STRANDED INSTALLED IN EMT.
  - H. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL INACTIVE CABLING (TO SOURCE) AND INFRASTRUCTURE AS WELL AS GENERAL CLEANUP OF THE EXISTING IT/COMM ROOM. CONTRACTOR SHALL REMOVE OLD AND INACTIVE CABLING TO THE CURRENT COUNTERS AND REPLACE AS SHOWN IN THE NEW LAYOUT PLAN.
  - I. CONTRACTOR IS RESPONSIBLE FOR ALL DATA RACEWAY, CAT6A CABLE, FIBER OPTIC CABLE, STAINLESS STEEL WALL PLATES, AND TERMINATIONS TO WALL PLATES AND SWITCHES. ONLY A QUALIFIED LOW VOLTAGE CONTRACTOR APPROVED BY THE AIRPORT MAY PROVIDE THIS WORK. PROTEC, PROSCAN, OR MIDE-SOUTH FIBER.



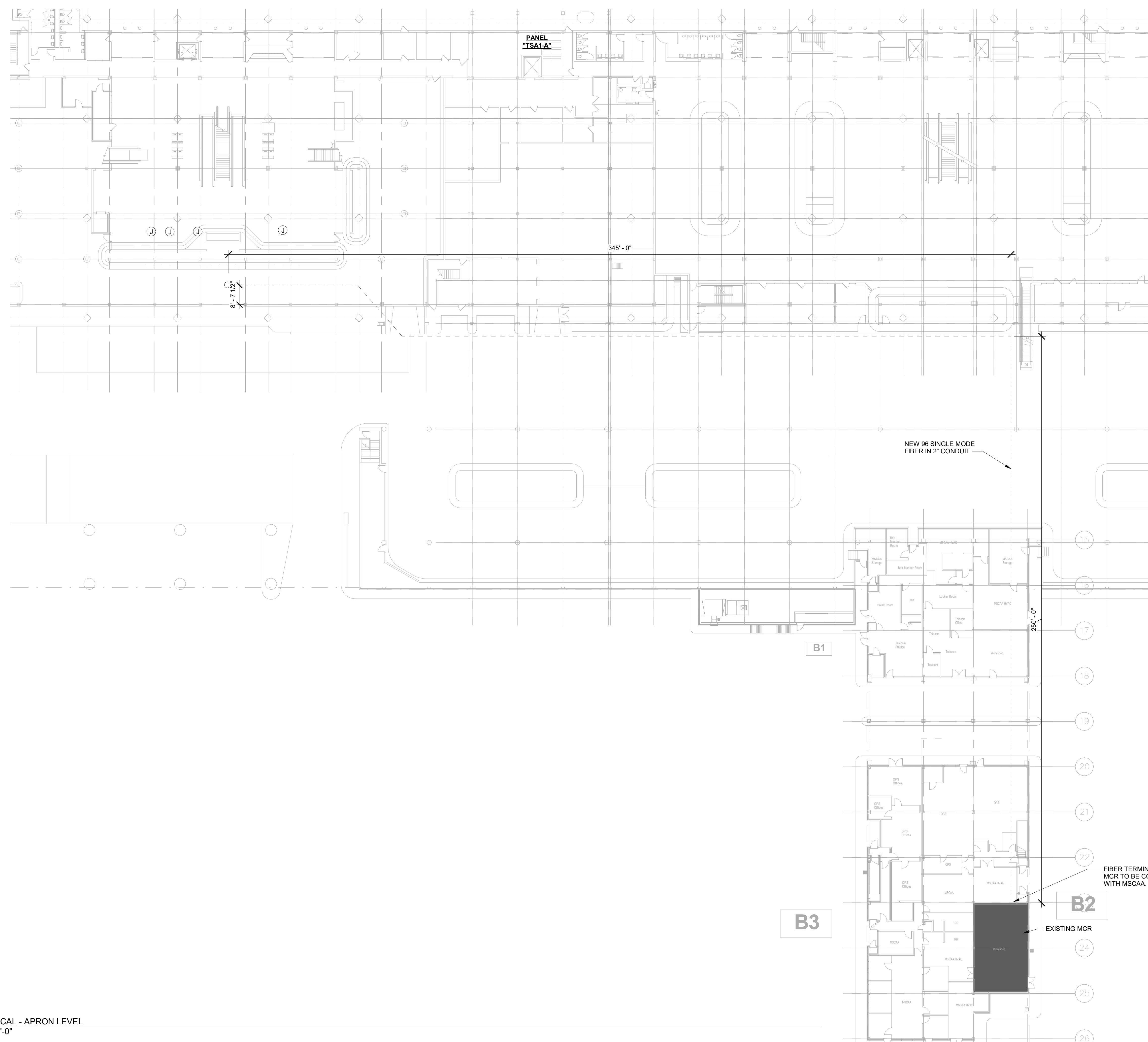
1 ELECTRICAL - EXISTING TICKETING COUNTER PLAN  
 3/16" = 1'-0"



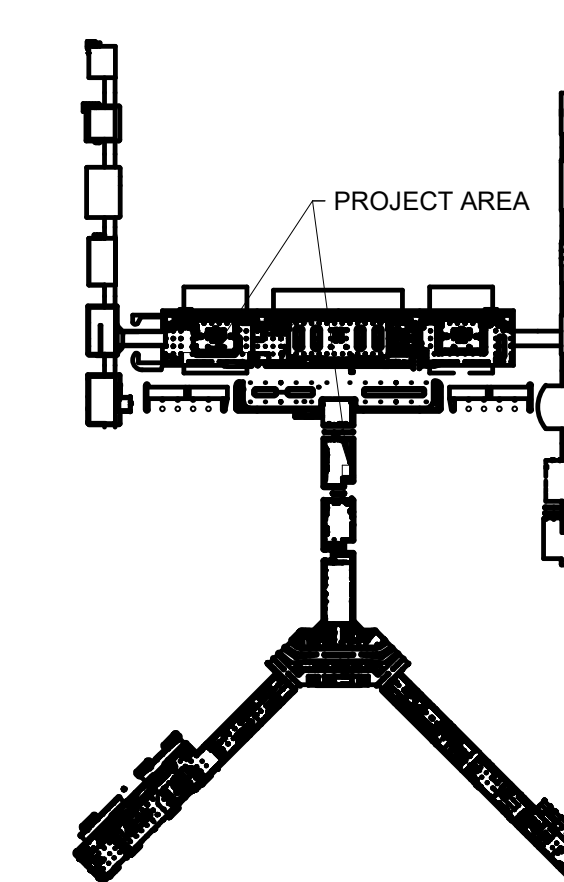
2 ELECTRICAL - NEW TICKETING COUNTER LAYOUT PLAN  
 3/16" = 1'-0"



KEYPLAN

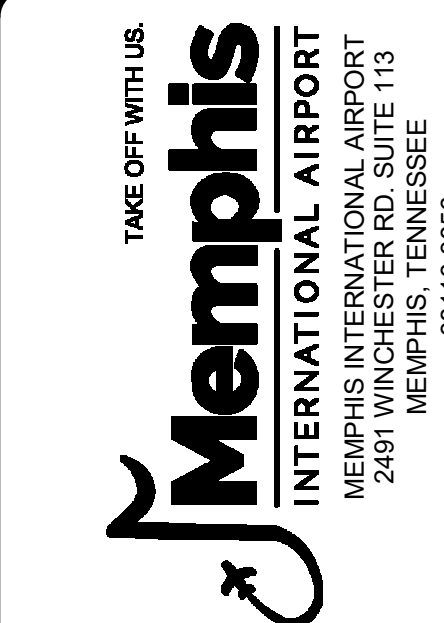


1 ELECTRICAL - APRON LEVEL  
3/64" = 1'-0"



KEYPLAN

- GENERAL DRAWING NOTES**
- REFER TO SHEET E000 FOR PROJECT NOTES, LEGEND, SCHEDULES, & DETAILS.
  - PROVIDE NEW 96 SMF FROM CBA-MCR ROOM TO NEW TERMINAL A TICKET COUNTER IT ROOM (ELECTRICAL RM 1).



**IES**  
**INNOVATIVE ENGINEERING**  
SERVICES, LLC  
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ARCHITECT JOB NO.  
20008-T29

DRAWN BY: PTH  
CHECKED BY: RJH  
APPROVED BY: RJH

CONSULTANT JOB NO.  
19015-10

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REVISIONS		
NO.	DESCRIPTION	DATE

MSCAA NO. 19-1423-00 (19-1423-29-02)

PROJECT:

**TERMINAL A  
TICKET COUNTERS**

SET:

SHEET TITLE:  
**ELECTRICAL - APRON  
LEVEL**

RVT. FILE NAME

DATE **10.19.2023** DWG NO. **E103**

SCALE **3/64" = 1'-0"**

EXISTING AC TO  
REMAIN AND GET  
SERVICED BY  
CONTRACTOR

EXISTING PHONE  
LINES TO BE  
REMOVED BY  
CONTRACTOR

EXISTING RACK REMOVED  
AND REPLACED WITH NEW  
FLOOR MOUNTED RACK BY  
CONTRACTOR

CONTRACTOR TO REMOVE  
ALL EXISTING EQUIPMENT



ACTIVE CABLING TO REMAIN IN PLACE

TO BE REMOVED BY CONTRACTOR

EXISTING PHONE LINES AND EQUIPMENT TO REMAIN



ETHERNET CABLING  
TO BE REMOVED BY  
CONTRACTOR

EQUIPMENT/CABLING  
TO BE REMOVED BY  
CONTRACTOR

