PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E0.0.1 ELECTRICAL LEGEND AND GENERAL NOTES.dwg
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ABBREVIATIONS:

A	AMPERES
AIC	AMPERE INTERRUPTING CAPACITY
C or C.	CONDUIT
CB	CIRCUIT BREAKER
CLG	CEILING
DISP	DISPOSAL
DS	DISCONNECT SWITCH
EC	EMPTY CONDUIT
EGC	EQUIPMENT GROUNDING CONDUCTOR
EMT	ELECTRICAL METALLIC TUBING
ER	EXISTING REMOVED
ERR	EXISTING REMOVED/RELOCATED
EX	EXISTING TO REMAIN
FMC	FLEXIBLE METALLIC CONDUIT
G	GROUND OR EQUIPMENT GROUNDING CONDUCTOR
HP	HORSEPOWER
J–BOX	JUNCTION BOX
kV	KILOVOLT
kVA	KILOVOLT AMPERES
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MAX.	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MIN.	MINIMUM
MLO	MAIN LUG ONLY
N	NEUTRAL, NEUTRAL CONDUCTOR OR GROUNDED CONDUCTOR
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NOT FUSIBLE
NIC	NOT IN CONTRACT
NMC	NON–METALLIC CONDUIT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OCP	OVERCURRENT PROTECTION
P	POLE
PB	PULLBOX
PH	PHASE
PNLBD	PANELBOARD
RCPT	RECEPTACLE
RGSC	RIGID GALVANIZED STEEL CONDUIT
SPEC	SPECIFICATION
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
VA	VOLT AMPERES
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLT METER
W	WATT
WM	WATT METER
WP	WEATHERPROOF

SYMBOLOGY LEGEND: TYPICAL FOR ALL ELECTRICAL SHEETS

EQUIPMENT/DEVICE SHOWN CROSSHATCHED INDICATES EXISTING TO BE DEMOLISHED

EQUIPMENT/DEVICE SHOWN SCREENED INDICATES EXISTING TO REMAIN IN SERVICE

EQUIPMENT/DEVICE SHOWN BOLD INDICATES NEW

ELECTRICAL GENERAL DEMOLITION NOTES:

1. VERIFY EXISTING CONDITIONS AND LOCATIONS IN FIELD PRIOR TO SUBMITTING PROPOSAL. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK REQUIRED UNDER THIS CONTRACT.
2. WIRING ENTERING AND LEAVING THE DEMOLITION AREA MAY SERVE EQUIPMENT OR SYSTEMS NOT IN THE DEMOLITION AREA. EQUIPMENT AND SYSTEMS NOT IN THE DEMOLITION AREA SHALL REMAIN IN SERVICE AT ALL TIMES. RECONNECT OR REPLACE WIRING THAT CONNECTS NEW OR EXISTING EQUIPMENT IN THE DEMOLITION AREA WITH EQUIPMENT NOT IN THE DEMOLITION AREA TO ASSURE EQUIPMENT NOT IN THE DEMOLITION AREA REMAINS IN SERVICE AT ALL TIMES.
3. MAKE NECESSARY MODIFICATIONS AND ADJUSTMENTS TO ALL ELECTRICAL ITEMS AND EQUIPMENT, BOTH NEW AND EXISTING AS MAY BE REQUIRED BY DEMOLITION, ALTERATION AND ADDITION.
4. DISCONNECT AT SOURCE AND REMOVE EXISTING ELECTRICAL MATERIALS AND EQUIPMENT, INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, WIRING DEVICES, SYSTEMS/SIGNAL DEVICES, TELECOM DEVICES, CONDUIT AND WIRES, AND ALL OTHER ELECTRICAL ITEMS WHICH ARE RENDERED OBSOLETE BY THESE ALTERATIONS AND ADDITIONS. THESE ARE THE PROPERTY OF THE OWNER AND SHALL EITHER BE REMOVED FROM THE SITE OR RETURNED TO OWNER'S STOCK AT THE DISCRETION OF THE OWNER.
5. CONDUIT AND WIRE TO BE DEMOLISHED SHALL BE REMOVED FROM LOAD TO SOURCE UNLESS INDICATED OTHERWISE.
6. WHERE NECESSARY OR SHOWN, DISCONNECT, REMOVE, AND RELOCATE EXISTING ELECTRICAL MATERIALS AND EQUIPMENT, INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, WIRING DEVICES, SYSTEMS/SIGNAL DEVICES, TELECOM DEVICES, CONDUIT AND WIRES, AND ALL OTHER ELECTRICAL ITEMS WHICH INTERFERE OR ARE INTERFERED WITH, OBSTRUCT OR ARE OBSTRUCTED BY THESE ALTERATIONS AND ADDITIONS. PERMANENTLY INSTALL SUCH ITEMS IN NEW LOCATIONS AS DIRECTED OR REINSTALL THESE ITEMS IN THEIR EXISTING LOCATIONS. PROVIDE NEW OUTLETS, CONDUIT, WIRING, ETC. AS REQUIRED TO EXTEND SERVICE TO NEW LOCATIONS. RECONNECT SUCH ITEMS IN PROPER OPERATING CONDITION AT NEW LOCATION.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING BUILDING IN ELECTRICAL OPERATION AT ALL TIMES DURING THE ENTIRE CONSTRUCTION PERIOD. IF IT IS ABSOLUTELY NECESSARY TO SHUT DOWN, CONSULT WITH THE OWNER TO MAKE ARRANGEMENTS TO DO SO ON WEEKENDS OR OFF HOUR PERIODS AT THE OWNER'S CONVENIENCE. PRIOR NOTICE SHALL BE GIVEN THE OWNER 72 HOURS IN ADVANCE OF THE DESIRED SHUT-DOWN TIME. ANY PREMIUM OR OVERTIME COSTS NECESSARY TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN ORIGINAL BID.
8. RESTORE WALL AND CEILING SURFACES AND FINISHES TO MEET OR EXCEED THE EXISTING SURROUNDS. BLANK COVER PLATES OVER WALL AND CEILING OPENINGS WILL NOT BE ALLOWED EXCEPT WHERE INDICATED.
9. WHERE EXISTING CONDUITS HAVE BEEN MADE OBSOLETE BY THESE ALTERATIONS AND ADDITIONS, AND IT IS IMPRACTICAL TO REMOVE SAME, THE CONTRACTOR SHALL:
   (A) PULL OUT ALL WIRE AND CABLE.
   (B) CUT AND SEAL CONDUIT OFF AT SLAB OR WALL LINE.
   (C) BLANK OUT ALL OBSOLETE CONDUIT ENTRIES INTO EXISTING CABINETS, ENCLOSURES, JUNCTION BOXES, PANELBOARDS, PULL BOXES, WIREWAYS, OUTLET BOXES, ETC.
10. DEMOLITION PRODUCTS, DEVICES AND EQUIPMENT NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL REQUIREMENTS.

LEGEND: (MOUNTING HEIGHTS GIVEN ARE TO CENTERLINE OF DEVICE UNLESS NOTED OTHERWISE)

HA-1,3,5

HA–1,3,5 (EXAMPLE ONLY) INDICATES HOMERUN OF CIRCUITS 1, 3 AND 5 TO PANELBOARD HA. THE NUMBERS 3 OR 5 ADJACENT TO AN ARROW INDICATES A CIRCUIT CONTINUATION. NUMBER(S) INDICATE CIRCUIT DESIGNATIONS. WHERE NO CONDUIT AND WRE SIZE IS INDICATED, DEFAULT IS 2#12 & 1 #12G – ¾" C FOR ALL BRANCH CIRCUITS AND HOMERUNS.

CEILING OR WALL MOUNTED JUNCTION BOX

DUPLEX RECEPTACLE, NEMA 5–20R, MOUNT 18" AFF UNO. STANDARD RECEPTACLE UNLESS NOTED AS FOLLOWS:
"GF" = GROUND FAULT CIRCUIT INTERRUPTER
"WP" = WEATHERPROOF COVER

DOUBLE DUPLEX RECEPTACLE, NEMA 5–20R, MOUNT 18" AFF UNO. STANDARD RECEPTACLE UNLESS NOTED AS FOLLOWS:
"GF" = GROUND FAULT CIRCUIT INTERRUPTER
"WP" = WEATHERPROOF COVER

SPECIAL PURPOSE RECEPTACLE, NEMA CONFIGURATION AS INDICATED, MOUNT 18" AFF UNO

S — SINGLE–POLE TOGGLE SWITCH, MOUNT 48" AFF

S^2 — DOUBLE–POLE SINGLE THROW TOGGLE SWITCH, MOUNT 48" AFF. PROVIDE SINGLE GANG SURFACE MOUNTED DIE CAST ALUMINUM BOX WITH EXTERIOR MEANS FOR MOUNTING. PROVIDE LOCKOUT WALLPLATE.

PANELBOARD, FLUSH OR SURFACE MOUNTED

EQUIPMENT PLYWOOD BACKBOARD, SIZE AS INDICATED

T — DRY–TYPE TRANSFORMER, KVA AS INDICATED OR SCHEDULED

M — MOTOR, HP AS INDICATED; M INDICATES FRACTIONAL HORSEPOWER.

PACKAGE CONTROL PANEL WITH MOTOR STARTER/CONTROLLER/CIRCUIT BREAKER OR DISCONNECT PROVIDED BY DIVISION 15

EQUIPMENT OR PANEL AS INDICATED

S_M — MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION (MANUAL MOTOR STARTER)

30/3 — HEAVY DUTY NOT–FUSIBLE DISCONNECT SWITCH; AMPS/POLES AS INDICATED.

30/3/20 — HEAVY DUTY FUSIBLE DISCONNECT SWITCH; AMPS/POLES/FUSES AS INDICATED.

CONDUIT INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING

CONDUIT INSTALLED CONCEALED IN/OR BELOW FLOOR SLAB OR BELOW GRADE

CONDUIT INSTALLED EXPOSED

CONDUIT TURNING UP/CONDUIT TURNING DOWN

CONDUIT TERMINATION, STUB–OUT WITH THREADED OR SETSCREW CAP

CONNECTION TO GROUNDING ELECTRODE

GENERAL NOTES:

1. METHODS, MATERIALS AND PROVISIONS OF GENERAL CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS ARE AN INTEGRAL PART OF THE BID AND CONSTRUCTION DOCUMENTS AND MUST BE RIGIDLY ADHERED TO.
2. PERFORM ALL WORK IN ACCORDANCE WITH THE 2011 EDITION OF THE NATIONAL ELECTRICAL CODE. IN SOME CASES, PROJECT DRAWINGS AND SPECIFICATIONS EXCEED MINIMUM CODE REQUIREMENTS.
3. ALL WIRE AND CABLE SHALL BE COPPER WITH THWN/THHN, 600 VOLT INSULATION. MINIMUM CONDUCTOR SIZE SHALL BE #12 FOR POWER AND LIGHTING CIRCUITS. MINIMUM CONDUCTOR SIZE SHALL BE #14 FOR SIGNAL/CONTROL CIRCUITS. BRANCH & FEEDER ABOVE GROUND– THHN (90° C). BRANCH & FEEDER BELOW GROUND – THWN (75° C). SECONDARY SERVICE ENTRANCE – THWN (75° C).
4. #10 AND SMALLER WIRE CONNECTORS SHALL BE 600 VOLT ELECTRICAL SPRING CONNECTORS (IDEAL 451/452 OR 3M E12/512). #8 AND LARGER WIRE CONNECTORS SHALL BE THE SPLIT BOLT TYPE WITH INSULATION OF VINYL PLASTIC PADS AND VINYL PLASTIC TAPE (3M 2200/2210 AND SUPER 33+).
5. ALL WIRE AND CABLE SHALL BE INSTALLED IN CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM BRANCH CIRCUIT HOMERUN CONDUIT SIZE SHALL BE 3/4".
6. ELECTRICAL METALLIC TUBING (EMT) WITH COMPRESSION COUPLINGS AND FITTINGS MAY BE USED IN FINISHED AREAS. EMT MAY ALSO BE USED IN UNFINISHED AREAS WHERE PROTECTED IN COLUMN WEBS OR UP IN JOIST SPACE.
7. PROVIDE RIGID GALVANIZED STEEL CONDUIT (RGSC) WHERE CONDUIT IS SUSCEPTIBLE TO PHYSICAL DAMAGE AND IN ALL EXTERIOR LOCATIONS ABOVE GROUND.
8. PROVIDE STEEL BONDING–TYPE LOCKNUTS AND INSULATED THROAT CONNECTORS WHERE CONDUIT ENTERS PANELBOARD ENCLOSURES, WIREWAYS, STARTERS AND SWITCH ENCLOSURES, JUNCTION BOXES AND ALL METALLIC ENCLOSURE BOXES. FIELD–INSTALLABLE INSERTS WILL NOT BE ALLOWED.
9. MAKE FINAL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT WITH LIQUID–TIGHT FLEXIBLE METAL CONDUIT(LFMC) AND CONNECTORS.
10. PROVIDE INTUMESCENT FIRESEAL AT ALL SLEEVE AND CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS TO MAINTAIN RATING OF WALLS.
11. PROVIDE GREEN COLORED INSULATED GROUNDING CONDUCTOR(S) IN ALL CONDUIT AND RACEWAY SYSTEMS.
12. FUSES SHALL BE DUAL–ELEMENT, NEMA CLASS RK1 OR RK5.
13. CIRCUIT DIRECTORIES FOR PANELBOARDS SHALL BE TYPE–WRITTEN; HAND–WRITTEN DIRECTORIES WILL NOT BE ALLOWED.
14. REVIEW CONTROL SCHEMATICS AND DIAGRAMS ON MECHANICAL DRAWINGS (DIVISION 15) IN ORDER TO INCLUDE ACCESSORIES REQUIRED WITH MOTOR CONTROLLER DEVICES PROVIDED UNDER DIVISION 16.

CITY OF ATLANTA, GEORGIA

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL LEGEND, ABBREVIATIONS, AND GENERAL NOTES

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E0.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E0.0.2 ELECTRICAL SPECIFICATION.dwg
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BASIC ELECTRICAL REQUIREMENTS

A. Definitions
   1. Drawings: The Electrical Drawings are diagrammatic in nature except where specific dimensions, or specific details, are shown. Refer to other project drawings for exact locations of equipment, building dimensions, Architectural details and conditions affecting the electrical work.
   2. Provide: Furnish, install and connect.
   3. Wiring: Wire or cable installed in conduit with all required boxes, fittings, connectors, etc.
   4. Work: Materials completely installed, including the labor involved.
   5. Conduit: Rigid galvanized steel conduit (RGSC), electrical metallic tubing (EMT), intermediate metal conduit (IMC), flexible metal conduit (FMC) or liquid-tight flexible metal conduit (LFMC).
   6. Branch Circuit: The circuit conductors between the final overcurrent device protecting the circuit and the loads or outlets.
   7. Feeder: All circuit conductors between the service equipment, the source of a separately derived system, or other power supply source and the final branch circuit overcurrent devices.
   8. Where shown or where indicated: Reference to Drawing[s], item or items.
   9. Or equal: Shall mean equivalent as approved by the Architect or Engineer.
B. All material lists and shop drawing submittals shall include a stamped indication signifying that the submittals have been previously reviewed for compliance with the Contract Documents, that all coordination required prior to field installation has occurred and that the material being submitted is approved for installation. The stamped indication shall include the name of the Contracting Firm, the date of the review and the signature of the Contractor. The Engineer will not review the shop drawing submittals without the Contractors stamped approval on the shop drawings. The responsibility of complying with the Contract Documents shall not be relieved by the Engineer's review and comments. The submittal shall be separated into groups of types of equipment as follows:
   1. Group I - Devices:
      a. Wall Switches
      b. Receptacles
      c. Fire Protection Seals, UL Assembly Details, Sleeve Seals
   2. Group II – Power Distribution
      a. Disconnect Switches
      b. Circuit Breakers
      c. Motor Rated Switches
      d. Panelboards
C. Product Data: Manufacturers technical product literature, including specifications and installation instructions for each component and system as listed in Products, Part 2, of each section.
D. Obtain all permits and licenses, and pay all fees as required for execution of the Contract. Arrange for necessary inspections required by the city, county, territory and other authorities having jurisdiction, and present certificates of approval to the Owner.
E. All work specified shall be guaranteed to be free from defects in material and workmanship for a period of one year or longer as required from date of final acceptance by the Owner.
F. Applicable provisions of the latest edition of NECA 1"Standard Practices for Good Workmanship in Electrical Construction, published by the National Electrical Contractors Association (NECA) shall set the standard for installation of materials and equipment and for workmanship.

BASIC ELECTRICAL MATERIALS AND METHODS

A. EMT: ANSI C80.3, zinc-coated steel, with set-screw fittings.
B. FMC: Zinc-coated steel.
C. LFMC: Zinc-coated steel with sunlight-resistant and mineral-oil-resistant plastic jacket.
D. Raceway Fittings: Specifically designed for the raceway type with which used.
E. Conductors, No. 10 AWG and Smaller: Solid or stranded copper.
F. Conductors, Larger than No. 10 AWG: Stranded copper.
G. Insulation: THHN/THWN, Thermoplastic, rated at 75 deg C minimum.
H. Wire Connectors and Splices: Units of size, ampacity rating, material, type, and class suitable for service indicated.
I. Slotted-Steel Channel Supports: Flange edges turned toward web, and 9/16-inch- diameter slotted holes at a maximum of 2 inches o.c., in webs.
J. Pipe Sleeves: ASTM A 53, Type E, Grade A, Schedule 40, galvanized steel, plain ends.
K. Use the following raceways for indoor installations:
   1. Exposed: EMT.
   2. Concealed: EMT.
   3. Connection to Vibrating Equipment: FMC; except in wet or damp locations, use LFMC.
   4. Damp or Wet Locations: IMC.
   5. Boxes and Enclosures: NEMA 250, Type 1, unless otherwise indicated.
L. Install an expansion/deflection fitting where conduits and raceways cross building expansion joints.
M. Install pull wires in empty raceways. Use No. 14 AWG zinc-coated steel or monofilament plastic line with not less than 200-lb tensile strength. Leave at least 12 inches of slack at each end of the pull wire.
N. Install no more than the equivalent of three 90-degree bends in any conduit run.
O. Color-code 208/120-V system secondary service, feeder, and branch-circuit conductors throughout the secondary electrical system as follows:
   1. Phase A: Black.
   2. Phase B: Red.
   3. Phase C: Blue.
   4. Neutral: White.
P. Color-code 480/277-V system secondary service, feeder, and branch-circuit conductors throughout the secondary electrical system as follows:
   1. Phase A: Brown.
   2. Phase B: Orange.
   3. Phase C: Yellow.
   4. Neutral: White or Gray.
Q. Apply firestopping to cable and raceway penetrations of fire-rated floor and wall assemblies to achieve fire-resistance rating of the assembly.

COMMON WORK RESULTS FOR ELECTRICAL

A. Steel Pipe Sleeves: ASTM A 53/A 53M, Type E, Grade B, Schedule 40, galvanized steel, plain ends.
B. Sleeves for Rectangular Openings: Galvanized sheet steel, minimum thickness 0.052 inch.
C. Description: Modular sealing device, designed for field assembly, to fill annular space between sleeve and raceway or cable; product of Metraflex Co., Metraseal or equivalent.
   1. Sealing Elements: EPDM elastomer for general service and NBR for hydrocarbon/petroleum based applications. Pipe wall penetration seals to be of the modular link type. Seals shall consist of a series of interlocking, molded synthetic rubber links, with heavy-duty plastic pressure plates, and corrosion resistant nuts and bolts. Seals to be designed to provide a hydrostatic seal between the pipe and wall penetration. Include type and number required for material and size of raceway or cable.
   2. Pressure Plates: Stainless steel. Include two for each sealing element.
   3. Connecting Bolts and Nuts: Stainless steel of length required to secure pressure plates to sealing elements. Include one for each sealing element.
D. Grout: Shrinkage-Resistant ASTM C 1107, factory-packaged, nonmetallic aggregate grout, noncorrosive, nonstaining, mixed with water to consistency suitable for application and a 30-minute working time.
E. Electrical penetrations occur when raceways, cables, wireways, cable trays, or busways penetrate concrete slabs, concrete or masonry walls, or fire-rated floor and wall assemblies.
F. Use pipe sleeves unless penetration arrangement requires rectangular sleeved opening.
G. Fire-Rated Assemblies: Install sleeves for penetrations of fire-rated floor and wall assemblies.
H. Size pipe sleeves to provide 1/4-inch annular clear space between sleeve and raceway or cable.
I. Seal space outside of sleeves with grout for penetrations of concrete and masonry.
J. Interior Penetrations of Non-Fire-Rated Walls and Floors: Seal annular space between sleeve and raceway or cable, using joint sealant appropriate for size, depth, and location of joint.
K. Fire-Rated-Assembly Penetrations: Maintain fire rating of walls, partitions, ceilings, and floors at raceway and cable penetrations. Install sleeves and seal raceway and cable penetration sleeves with firestop materials.
L. Apply firestopping to penetrations of fire-rated floor and wall assemblies for electrical installations to restore original fire-resistance rating of assembly.

HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

A. Design supports for multiple raceways capable of supporting combined weight of supported systems and its contents.
B. Design equipment supports capable of supporting combined operating weight of supported equipment and connected systems and components.
C. Rated Strength: Adequate in tension, shear, and pullout force to resist maximum loads calculated or imposed for this Project, with a minimum structural safety factor of 2.5 times the applied force.
D. Steel Slotted Support Systems: Comply with MFMA-4, factory-fabricated components for field assembly shall be products of Unistrut or equivalent.
   1. Metallic Coatings: Hot-dip galvanized after fabrication and applied according to MFMA-4.
E. Conduit and Cable Support Devices: Steel and malleable-iron hangers, clamps, and associated fittings, designed for types and sizes of raceway or cable to be supported.
F. Support for Conductors in Vertical Conduit: Factory-fabricated assembly consisting of threaded body and insulating wedging plug or plugs for non-armored electrical conductors or cables in riser conduits. Plugs shall have number, size, and shape of conductor gripping pieces as required to suit individual conductors or cables supported. Body shall be malleable iron.
G. Mounting, Anchoring, and Attachment Components: Items for fastening electrical items or their supports to building surfaces include the following:
   1. Powder-Actuated Fasteners: Products of Hilti Inc. or equivalent threaded-steel stud, for use in hardened Portland cement concrete, steel, or wood, with tension, shear, and pullout capacities appropriate for supported loads and building materials where used.
   2. Mechanical-Expansion Anchors: Products of Hilti or equivalent insert-wedge-type, zinc-coated steel, for use in hardened Portland cement concrete with tension, shear, and pullout capacities appropriate for supported loads and building materials in which used.
   3. Concrete Inserts: Steel or malleable-iron, slotted support system units similar to MSS Type 18; complying with MFMA-4 or MSS SP-58.
   4. Clamps for Attachment to Steel Structural Elements: MSS SP-58, type suitable for attached structural element.
   5. Through Bolts: Structural type, hex head, and high strength. Comply with ASTM A 325.
   6. Toggle Bolts: All-steel springhead type.
   7. Hanger Rods: Threaded steel.
H. Maximum Support Spacing and Minimum Hanger Rod Size for Raceway: Space supports for EMT and IMC as required by NFPA 70. Minimum rod size shall be 1/4 inch in diameter.
I. Multiple Raceways or Cables: Install trapeze-type supports fabricated with slotted steel support system. Secure raceways and cables to these supports with single-bolt conduit clamps.
J. Touchup of Galvanized Surfaces: Clean welds, bolted connections, and abraded areas and apply galvanizing-repair paint to comply with ASTM A780.

ELECTRICAL IDENTIFICATION

A. Adhesive Labels: Preprinted, flexible, self-adhesive vinyl with legend overlaminated with a clear, weather- and chemical-resistant coating. Clean surface before applying.
A. Colored Adhesive Tape: Self-adhesive vinyl tape not less than 3 mils thick by 1 to 2 inches wide. Clean surface before applying.
B. Engraved Plastic Nameplates and Signs: Engraving stock, melamine plastic laminate, minimum 1/16 inch thick for signs up to 20 sq. in. and 1/8 inch thick for larger sizes.
   1. Engraved legend with white letters on black face.
   2. Punched or drilled for mechanical fasteners.
   3. Fasteners for Nameplates and Signs: Self-tapping, stainless-steel screws or No. 10/32, stainless-steel machine screws with nuts and flat and lock washers.
C. Cable Ties: Fungus-inert, self-extinguishing, one-piece, self-locking, Type 6/6 nylon cable ties.
   1. Minimum Width: 3/16 inch.
   2. Tensile Strength: 50 lb minimum.
   3. Temperature Range: Minus 40 to plus 185 deg F.
   4. Plenum rated where used in environmental air spaces.
D. Circuit Identification Labels on Boxes: Install labels externally.
   1. Exposed and Concealed Boxes: Pressure-sensitive, self-adhesive plastic label on cover.
   2. Labeling Legend: Permanent, waterproof listing of panel and circuit number or equivalent.
E. Equipment Identification Labels: Engraved plastic laminate. Install on each unit of equipment, including central or master unit of each system. This includes power, signal, and alarm systems, unless units are specified with their own self-explanatory identification. Unless otherwise indicated, provide a single line of text with 1/2-inch- high lettering on 1-1/2-inch-high label; where two lines of text are required, use labels 2 inches high. Use white lettering on black field for 120/208 volt electrical system and white lettering on red field for 277/480 volt electrical systems. Apply labels for each unit of the following categories of equipment using mechanical fasteners:
   1. Panelboards, electrical cabinets, and enclosures.
   2. Access doors and panels for concealed electrical items.
   3. Emergency system boxes and enclosures.
   4. Disconnect switches.
   5. Enclosed circuit breakers.
   6. Transformers.

CONDUCTORS AND CABLES

A. Conductor Insulation: Comply with NEMA WC 70 for Types THHN-THWN or XHHW.
   1. Grounded (neutral) conductors sizes #6 AWG or smaller shall be identified by a continuous white or gray colored insulation. Sizes larger than #6 AWG shall be identified by a distinctive white marking at its termination, marking shall encircle the insulation.
   2. Equipment grounding conductors sizes #6 AWG and smaller shall be insulated and individually identified with an outer finish that is green or green with one or more yellow stripes. Equipment grounding conductors larger than #6 AWG shall be insulated and individually identified at time of installation at each end and at every point where the conductor is accessible by encircling the exposed insulation with green tape.
B. MC Metal Clad Cable: 90° C dry THHN copper conductors, maximum voltage 600V. Include green insulated grounding conductor. Steel or aluminum armor.
C. Feeders and Branch Circuits: Copper. Solid for No. 10 AWG and smaller; stranded for No. 8 AWG and larger.
D. Branch Circuits Concealed above Ceilings and in Walls, and Partitions: Type THHN-THWN, single conductors in raceway. See restricted use provision for Metal-clad cable, Type MC.
E. Conceal cables in finished walls, above ceilings, and below floors, unless otherwise indicated.
F. Type MC cable above accessible ceilings (restricted use):
   1. Not more than 6 feet length as final connection to a luminaire.
   2. May be spliced in overhead boxes, dropped into and routed concealed in walls to serve receptacles and other wall-mounted devices. May be routed horizontally, concealed in walls to serve other receptacles and wall-mounted devices.
G. Type MC cable shall not be used as feeders, homerun branch circuits, or branch circuits between boxes above accessible ceilings. Cable shall not be routed exposed and/or surface mounted.
H. Identify and color-code conductors and cables according to insulation colors identified in Basic Electrical Materials and Methods.
I. Tighten electrical connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A and UL 486B.
J. Make splices and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors. See drawing set GENERAL NOTES.
K. Wiring at Outlets: Install conductor at each outlet, with at least 6 inches of slack.

WIRING DEVICES

A. Convenience Receptacles: 125 V, 20 A, 5-20R, Hubbell 5351 (single), 5352 (duplex).
B. Duplex GFCI Convenience Receptacles, 125 V, 20 A, 5-20R, non-feed thru, Hubbell GF20.
C. Wall plates single and combination types to match corresponding wiring devices. Screws shall be metal with head to match plate finish. Plate material and color for finished spaces shall match existing devices in that space.
D. Wet-Location, While-In-Use Weatherproof Cover: weather-resistant thermoplastic with lockable cover. Product of Hubbell RW57300 or RW57400.
E. Wiring device color: Devices connected to the normal power system shall be as selected by the Architect. Network jacks shall match those provided for power. Devices connected to the emergency power system shall be red.
F. Receptacle Orientation: Install ground pin of vertically mounted receptacles down, and on horizontally mounted receptacles to the right.
G. Device Plates: Do not use oversized or extra-deep plates. Repair wall finishes and remount outlet boxes when standard device plates do not fit flush or do not cover rough wall opening.
H. Arrangement of Devices: Unless otherwise indicated, mount flush, with long dimension vertical and with grounding terminal of receptacles on bottom. Group adjacent switches under single, multigang wall plates.

ENCLOSED SWITCHES AND CIRCUIT BREAKERS

A. Fusible Switch: Type HD, Heavy Duty, Single Throw, 240V or 600-V ac, 1200 A and Smaller: horsepower rated, Class R rejection fuse clips, equipment ground kit, lockable handle with capability to accept three padlocks, and interlocked with cover in closed position.
B. Nonfusible Switch: Type HD, Heavy Duty, Single Throw, 240 or 600-V ac, 1200 A and Smaller: horsepower rated, equipment ground kit, lockable handle with capability to accept three padlocks, and interlocked with cover in closed position.
C. Thermal-Magnetic Circuit Breakers: Inverse time-current element for low-level overloads and instantaneous magnetic trip element for short circuits. Adjustable magnetic trip setting for circuit-breaker frame sizes 250 A and larger. Standard frame sizes, trip ratings, and number of poles, type SWD and HID application listing. Equipment ground kit and shunt trip where indicated. Product of Eaton, GE, Siemens, or Square D.
D. Molded case switch: Provides no overload or low level fault protection, opens instantaneously at its non-adjustable trip point only to protect itself from high fault currents. Product of Eaton, GE, Siemens, or Square D.
E. Enclosed Switches and Circuit Breakers: Comply with environmental conditions at installed location. NEMA 1-indoors, NEMA 3R-outdoors.
F. Install individual wall-mounted switches and circuit breakers with tops at uniform height unless otherwise indicated.
G. Label each enclosure with engraved laminated-plastic nameplate.

PANELBOARDS

A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
B. Comply with NEMA PB 1 and NFPA 70
C. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace transient voltage suppression devices that fail in materials or workmanship within specified warranty period.
   1. Warranty Period: Five years from date of Substantial Completion.
D. Enclosures: Surface mounted cabinets.
   1. Rated for environmental conditions at installed location. Indoor Dry and Clean Locations: NEMA 250, Type 1
   2. Front: Secured to box with concealed trim clamps. For surface-mounted fronts, match box dimensions; for flush-mounted fronts, overlap box.
   3. Hinged Front Cover: Entire front trim hinged to box and with standard door within hinged trim cover.
   4. Directory Card: Inside panelboard door, mounted in transparent card holder.
E. Incoming Mains Location: Top and bottom.
F. Phase, Neutral, and Ground Buses: Hard-drawn copper, 98 percent conductivity.
G. Conductor Connectors: Suitable for use with conductor material and sizes.
   1. Material: Hard-drawn copper, 98 percent conductivity.
   2. Main and Neutral Lugs: Mechanical type.
   3. Ground Lugs and Bus Configured Terminators: Mechanical type.
H. Future Devices: Mounting brackets, bus connections, filler plates, and necessary appurtenances required for future installation of devices.
I. Panelboard Short-Circuit Current Rating: Fully rated to interrupt symmetrical short-circuit current available at terminals.
J. Basis-of-Design Product:
   1. Eaton Electrical Inc.; Cutler-Hammer Business Unit.
   2. General Electric Company; GE Consumer & Industrial - Electrical Distribution.
   3. Siemens Energy & Automation, Inc.
   4. Square D; a brand of Schneider Electric.
K. Panelboards: NEMA PB 1, lighting and appliance branch-circuit type.
L. Mains: Circuit breaker or lugs only.
M. Branch Overcurrent Protective Devices: Bolt-on circuit breakers, replaceable without disturbing adjacent units
N. Doors: Concealed hinges; secured with flush latch with tumbler lock; keyed alike.
O. Mount top of trim 90 inches above finished floor unless otherwise indicated.
P. Mount panelboard cabinet plumb and rigid without distortion of box. Mount recessed panelboards with fronts uniformly flush with wall finish and mating with back box.
Q. Install filler plates in unused spaces.
R. Arrange conductors in gutters into groups and bundle and wrap with wire ties.
S. Comply with NECA 1.
T. Panelboard Nameplates: Label each panelboard with a nameplate complying with requirements for identification specified in Section "Electrical Identification."
U. Acceptance Testing Preparation:
   1. Test insulation resistance for each panelboard bus, component, connecting supply, feeder, and control circuit.
   2. Test continuity of each circuit.

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PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
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INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

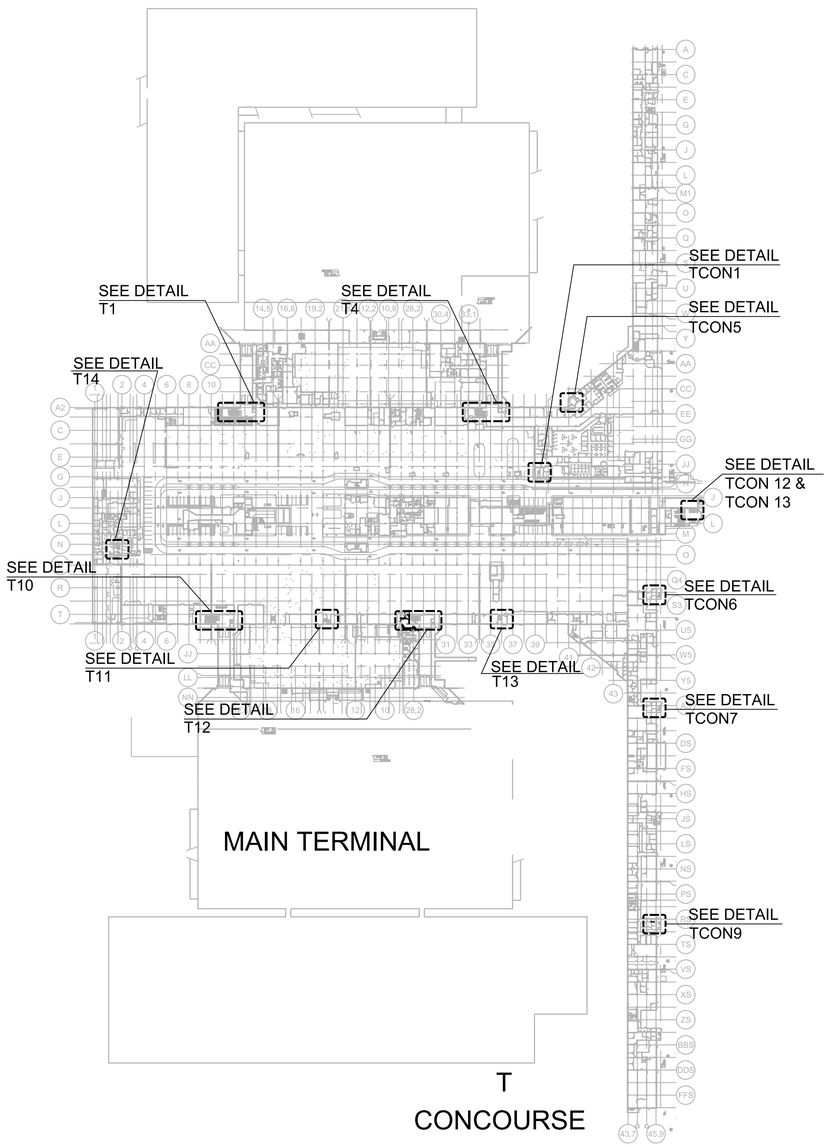
ELECTRICAL
SPECIFICATIONS

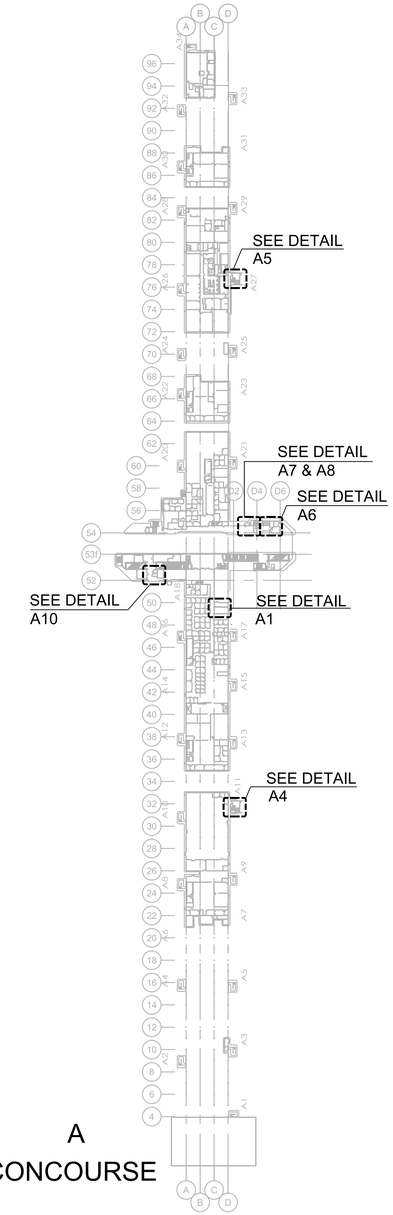
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E0.0.2

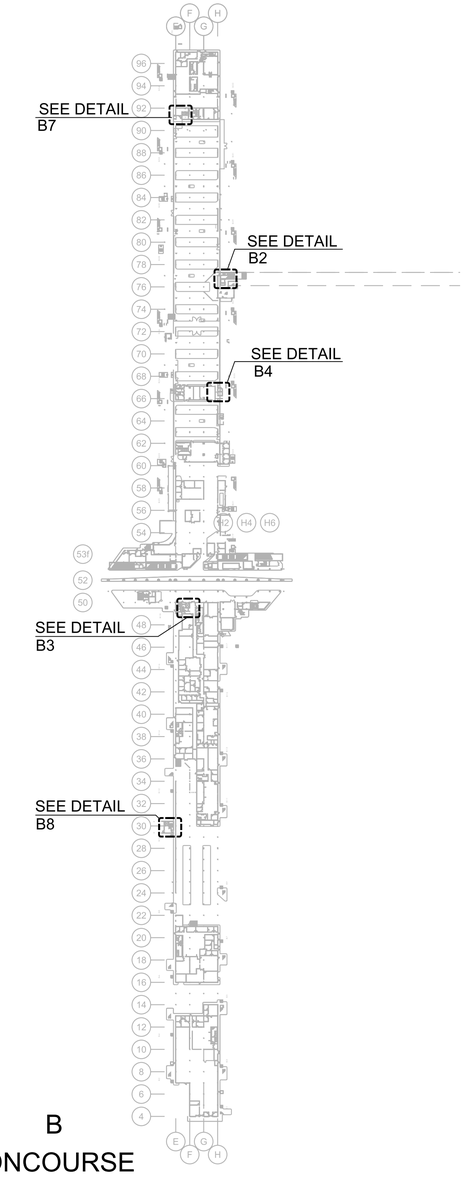
PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E2.0.1 ELECTRICAL OVERALL PLANS T-A-B.dwg
PEN TABLE: G:\07306\G_04-00-PROJ_DATA\Atlas\TOUP.pen 1:1/96MM







1 E2.0.1 ELECTRICAL OVERALL PLAN - TERMINAL & CONCOURSES T, A, B

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

GENERAL NOTES:

1. DEFAULT FLOOR PLAN DISPLAYED ON THIS SHEET IS THE APRON LEVEL. HOWEVER SCOPE OF WORK IS NOT CONFINED TO THIS LEVEL. AREAS OF WORK SHOWN HEREIN FOR THE TERMINAL AND CONCOURSES INDICATE BASIC LOCATION. SEE INDIVIDUAL 1/8" FLOOR PLANS FOR DETAIL WORK REQUIREMENTS.

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NO.	DATE	BY	REVISION

ELECTRICAL
OVERALL PLAN
TERMINAL &
CONCOURSES T, A, B

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E2.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E2.0.2 ELECTRICAL OVERALL PLANS-D-E.dwg
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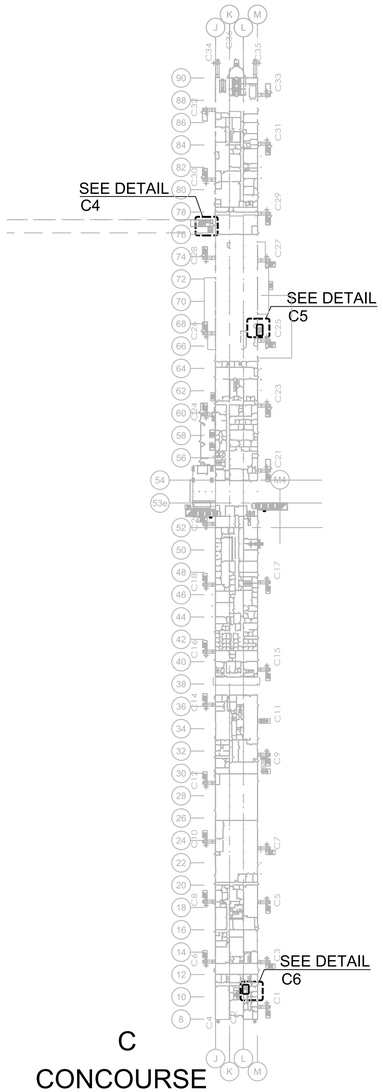
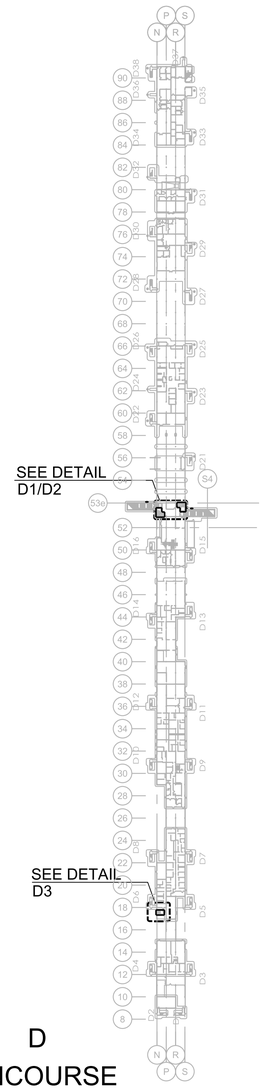
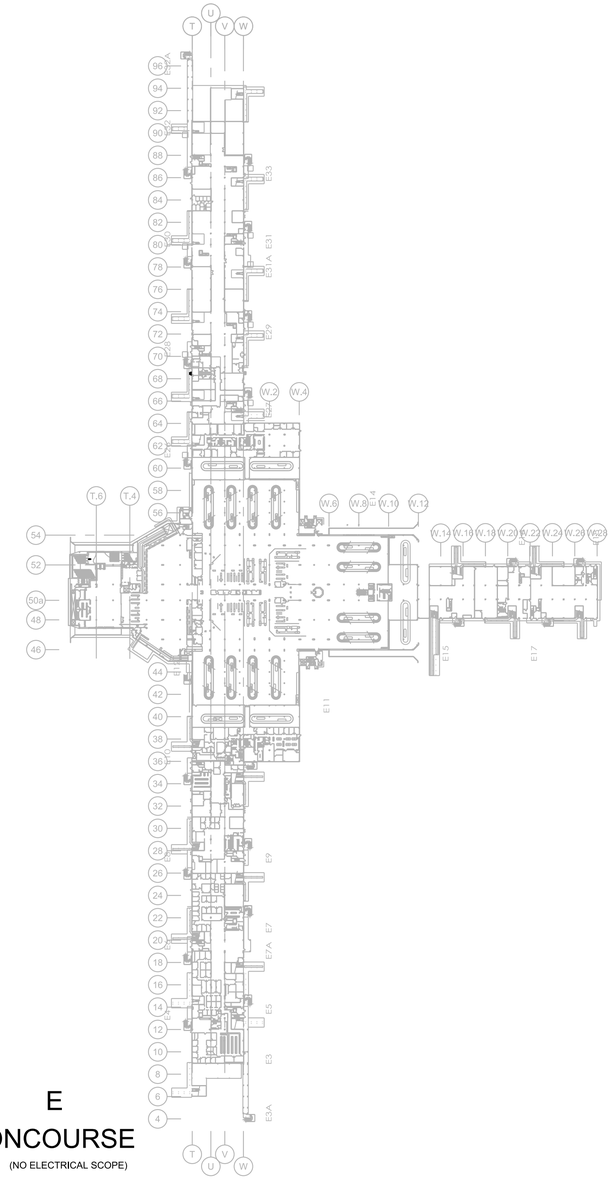


C
CONCOURSE



D
CONCOURSE



E
CONCOURSE
(NO ELECTRICAL SCOPE)

1 E2.0.2 ELECTRICAL OVERALL PLAN - TERMINAL & CONCOURSES C, D, E

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

GENERAL NOTES:

1. DEFAULT FLOOR PLAN DISPLAYED ON THIS SHEET IS THE APRON LEVEL. HOWEVER SCOPE OF WORK IS NOT CONFINED TO THIS LEVEL. AREAS OF WORK SHOWN HEREIN FOR THE TERMINAL AND CONCOURSES INDICATE BASIC LOCATION. SEE INDIVIDUAL 1/8" FLOOR PLANS FOR DETAIL WORK REQUIREMENTS.

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ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL
OVERALL PLAN
CONCOURSES C, D, E

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E2.0.2

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

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PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EA4.0.1 ELECTRICAL APRON PLANS AREAS A1 A10.dwg
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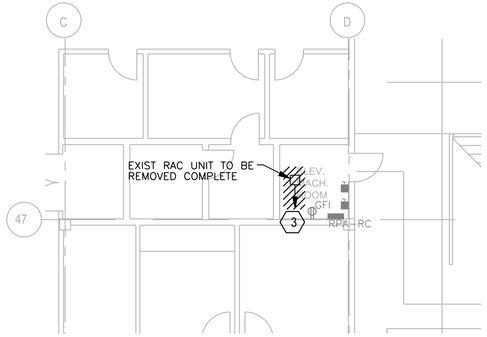
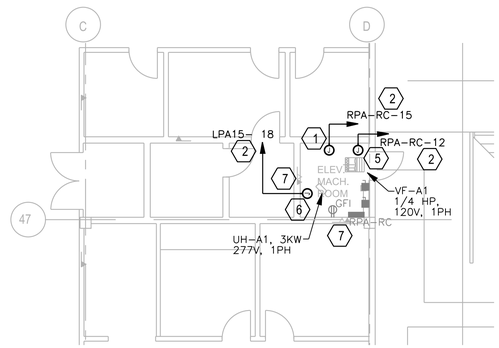


1 EA4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (A1)

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



2 EA4.0.1 ELECTRICAL PLAN APRON LEVEL (A1)

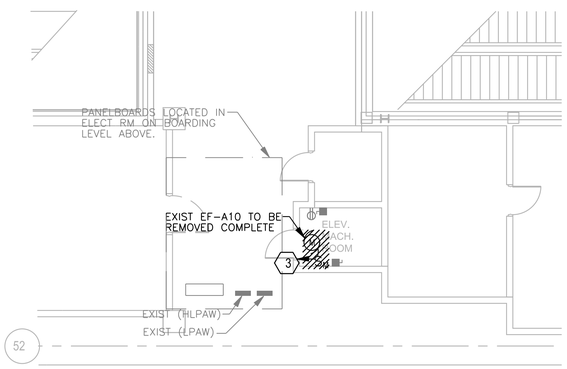
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

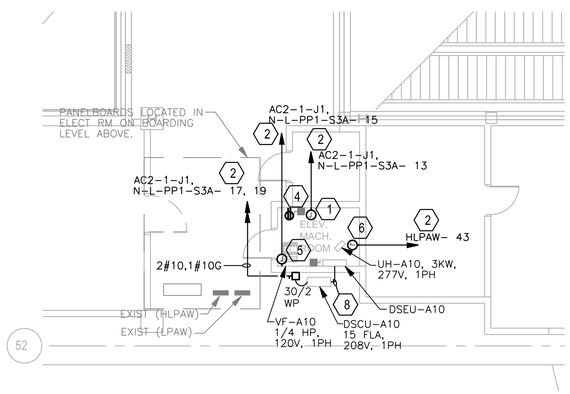
KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
3. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
6. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
7. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
8. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.



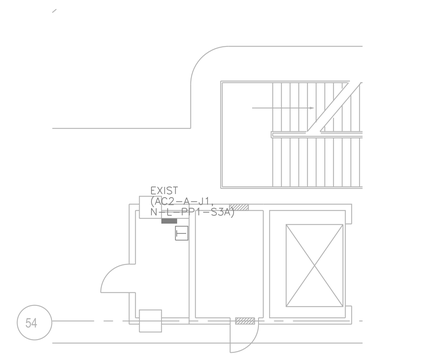
3 EA4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (A10)

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



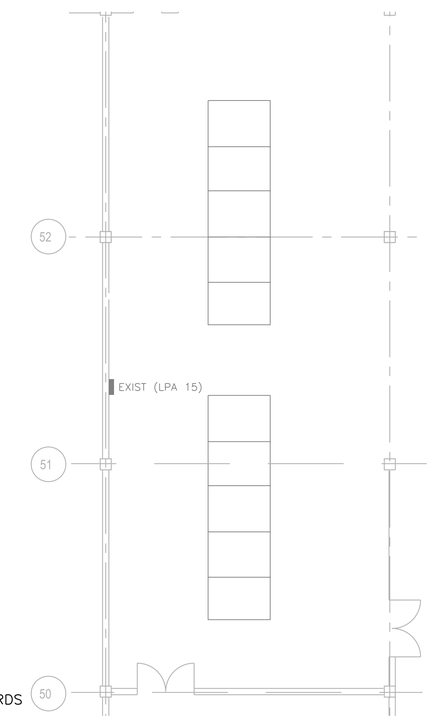
4 EA4.0.1 ELECTRICAL PLAN APRON LEVEL (A10)

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



5 EA4.0.1 ELECTRICAL PLAN APRON LEVEL

SCALE: 1/8" = 1'-0"
(PLAN SHOWN FOR LOCATION OF PANELBOARDS SUPPORTING A10)



6 EA4.0.1 ELECTRICAL PLAN APRON LEVEL

SCALE: 1/8" = 1'-0"
(PLAN SHOWN FOR LOCATION OF PANELBOARDS SUPPORTING A1 & A10)

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PHASE 3
VERTICAL
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HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

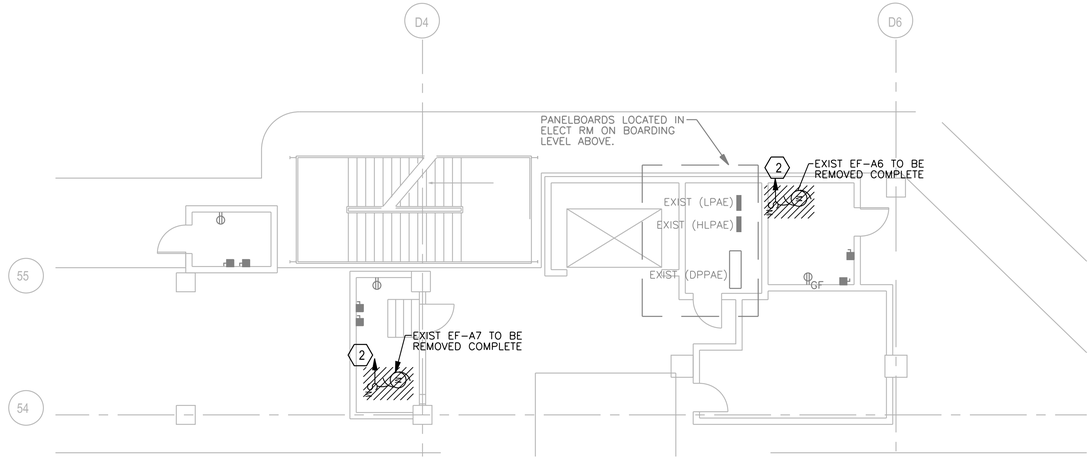
ELECTRICAL PLANS - MODIFICATIONS TO AREAS A1 AND A10 APRON LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
A1 A10	DATE: 06.11.2014
	SCALE: ⅛"=1'-0"
	SHEET NO: EA4.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

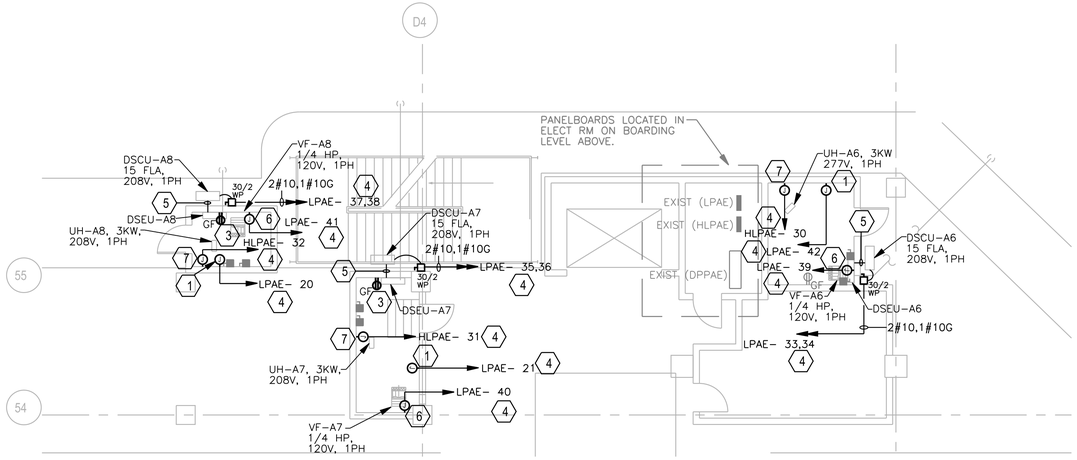
PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EA4.0.3 ELECTRICAL APRON PLANS AREAS A6 A7 A8.dwg
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Atlas\TOUP.pen 2:07PM



1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (A6, A7, & A8)

EA4.0.3

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



2 ELECTRICAL PLAN APRON LEVEL (A6, A7, & A8)

EA4.0.3

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

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.
6. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

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PHASE 3 VERTICAL TRANSPORTATION

HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS A6, A7, AND A8 APRON LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER A6 A7 A8	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: EA4.0.3

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\EA4.0.3 ELECTRICAL APRON PLANS AREAS A6 A7 A8.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mstriner
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EA4.1.1 ELECTRICAL BOARDING PLANS AREAS
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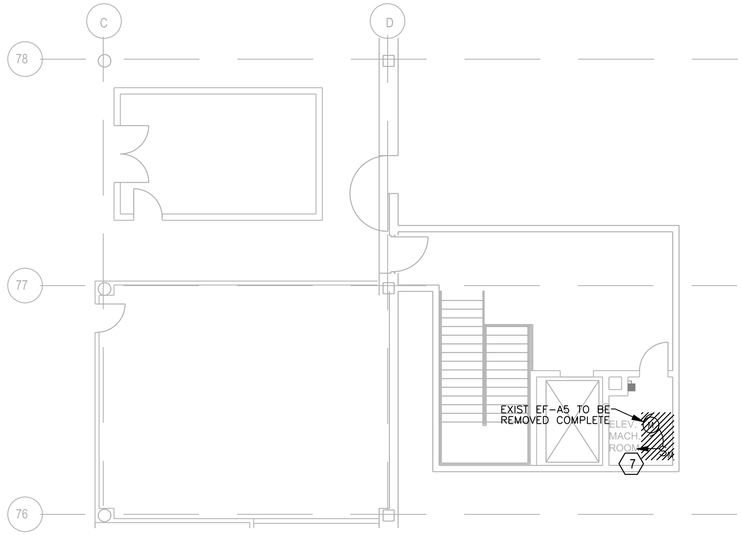
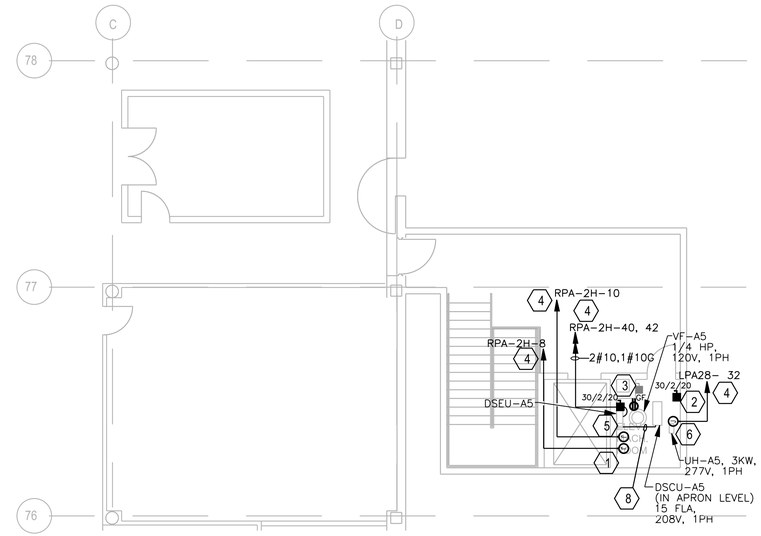


1 ELECTRICAL DEMOLITION PLAN BOARDING LEVEL (A5)

EA4.1.1

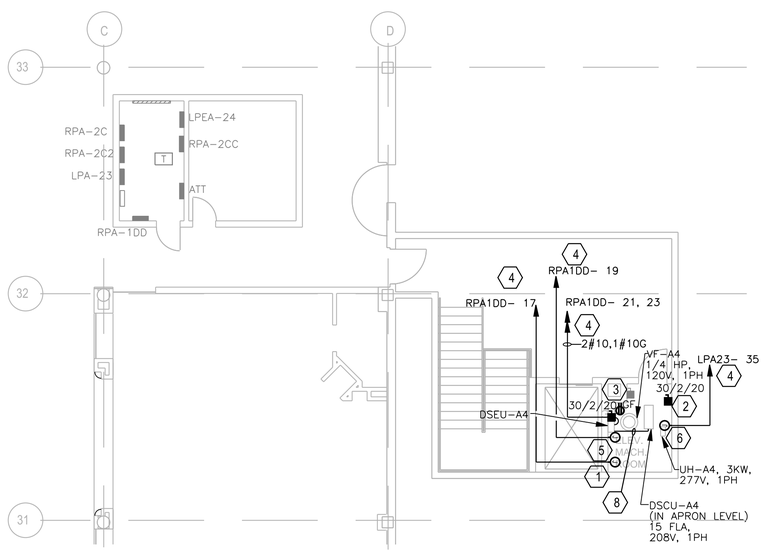
SCALE: 1/8" = 1'-0"



2 ELECTRICAL PLAN BOARDING LEVEL (A5)

EA4.1.1

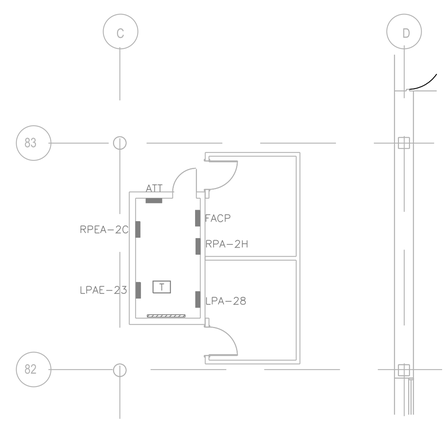
SCALE: 1/8" = 1'-0"



3 ELECTRICAL PLAN BOARDING LEVEL (A4)

EA4.1.1

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



4 ELECTRICAL PLAN BOARDING LEVEL

EA4.1.1

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

(PLAN SHOWN FOR LOCATION OF PANELBOARDS SUPPORTING A5)

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
6. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
7. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
8. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.

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PHASE 3
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AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS A4 AND A5 BOARDING LEVEL

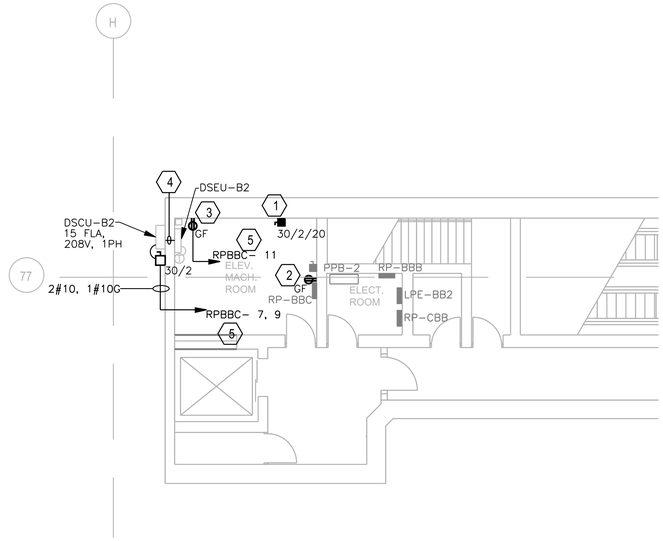
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
A4 A5	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: EA4.1.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\EA4.1.1 ELECTRICAL BOARDING PLANS AREAS A4 A5.dwg

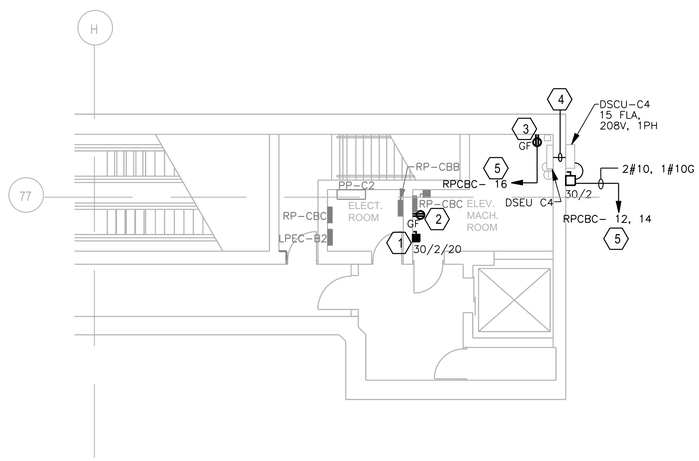
PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EB4.0.1 ELECTRICAL APM PLAN AREA B2 C4.dwg
PEN TABLE: G:\07306\0_04-00-PROJ_DATA\Atlas\TOUP.pen 2:16PM



1 ELECTRICAL PLAN APM LEVEL (B2)

EB4.0.1

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



2 ELECTRICAL PLAN APM LEVEL (C4)

EB4.0.1

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

KEYED NOTES:

1. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
2. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
3. PROVIDE NEW GFCI DUPLEX. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
4. INDOOR UNIT LOCATED IN ELEVATOR MACHINE ROOM IN APM LEVEL POWERED THROUGH OUTDOOR UNIT LOCATED IN APRON LEVEL. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBORAD SPACE.

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NO.	DATE	BY	REVISION

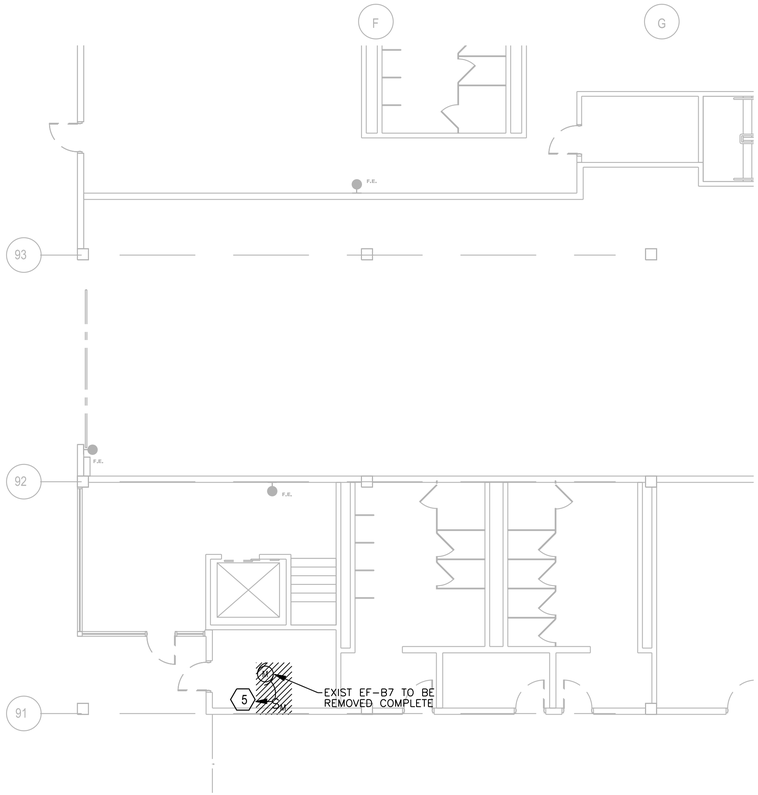
ELECTRICAL PLANS - MODIFICATIONS TO AREAS B2 AND C4 APM LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
B2 C4	DATE: 06.11.2014
	SCALE: ⅛"=1'-0"
	SHEET NO: EB4.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

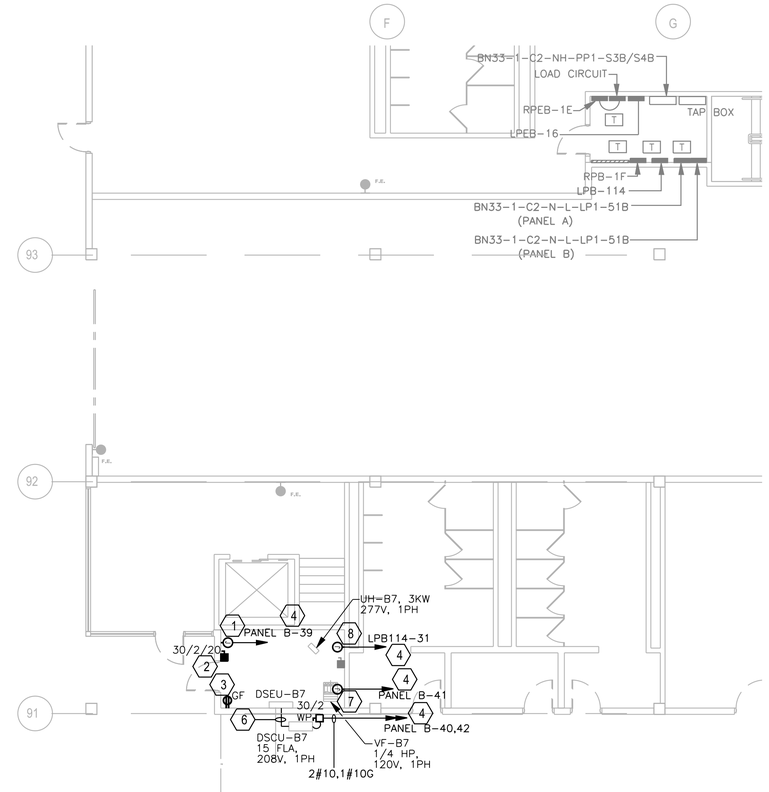
RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EB4.0.2 ELECTRICAL APRON PLANS AREAS B4-B7.dwg
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Atlas\TOUP.pen 2:20PM



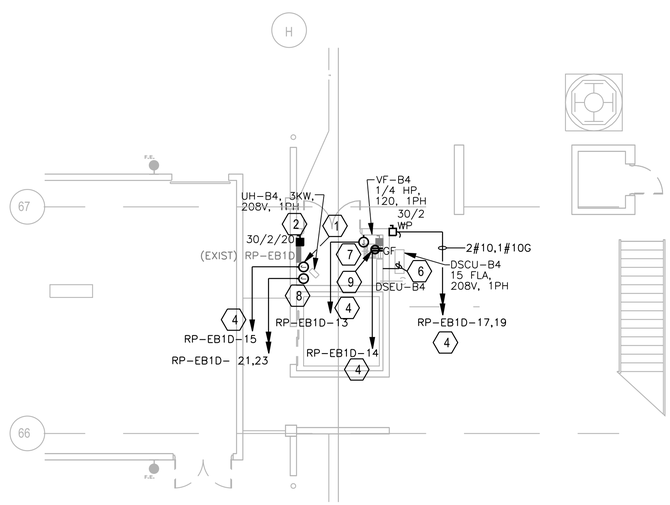
1 EB4.0.2 ELECTRICAL DEMOLITION PLAN APRON LEVEL (B7)

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



2 EB4.0.2 ELECTRICAL PLAN APRON LEVEL (B7)

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



3 EB4.0.2 ELECTRICAL PLAN APRON LEVEL (B4)

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

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
6. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. PROVIDE NEW GFCI DUPLEX. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.

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NO.	DATE	BY	REVISION

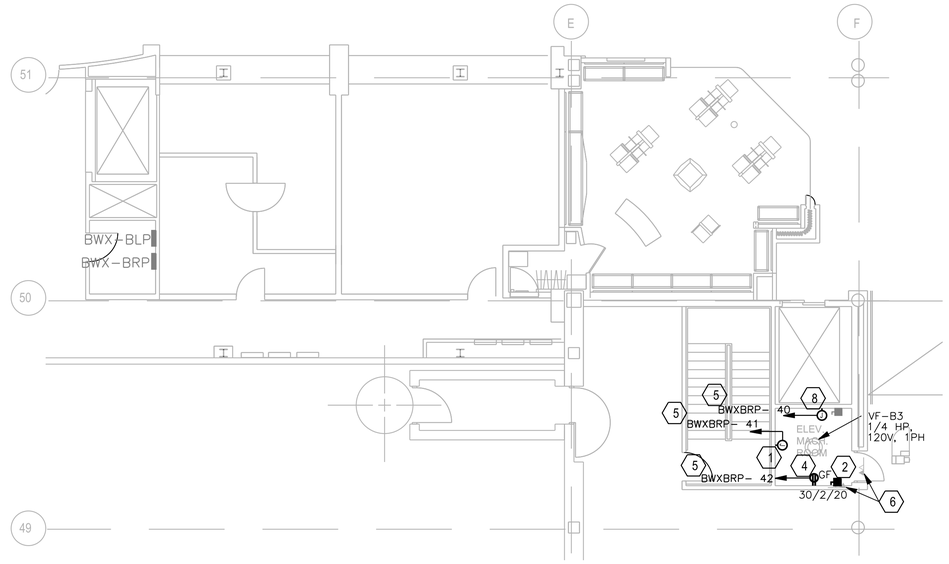
ELECTRICAL PLANS - MODIFICATIONS TO AREAS B4 AND B7 APRON LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
B4 B7	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: EB4.0.2

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EB4.1.1 ELECTRICAL BOARDING PLANS AREA
PEN TABLE: G:\0735600_04-00-PROJ_DATA\Atlas\TOUP.pen 2:29PM



1 ELECTRICAL PLAN BOARDING LEVEL (B3)

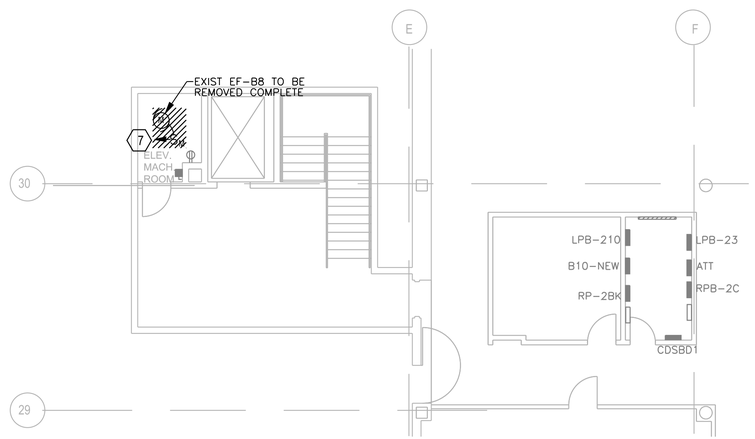
EB4.1.1 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

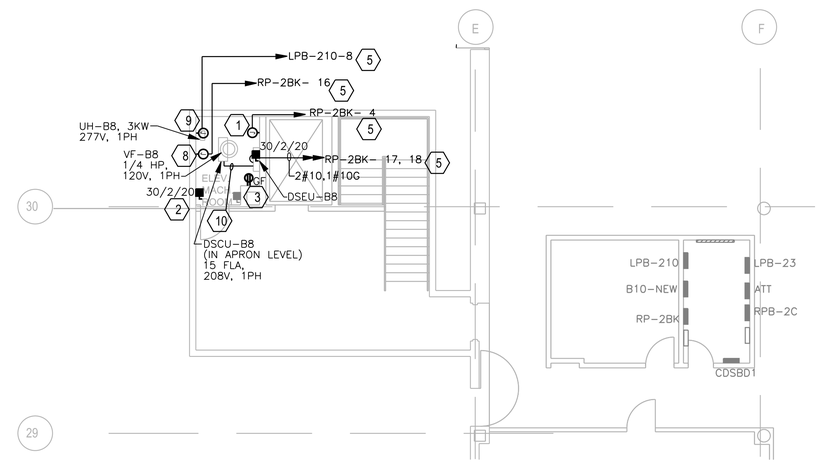
KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. PROVIDE NEW GFCI DUPLEX RECEPTACLE. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBORAD SPACE.
6. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
7. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
10. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.



3 ELECTRICAL DEMOLITION PLAN BOARDING LEVEL (B8)

EB4.1.1 SCALE: 1/8" = 1'-0"



2 ELECTRICAL PLAN BOARDING LEVEL (B8)

EB4.1.1 SCALE: 1/8" = 1'-0"

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ELECTRICAL PLANS - MODIFICATIONS TO AREAS B3 AND B8 BOARDING LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
B3 B8	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: EB4.1.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\EB4.1.1 ELECTRICAL BOARDING PLANS AREAS B3-B8.dwg

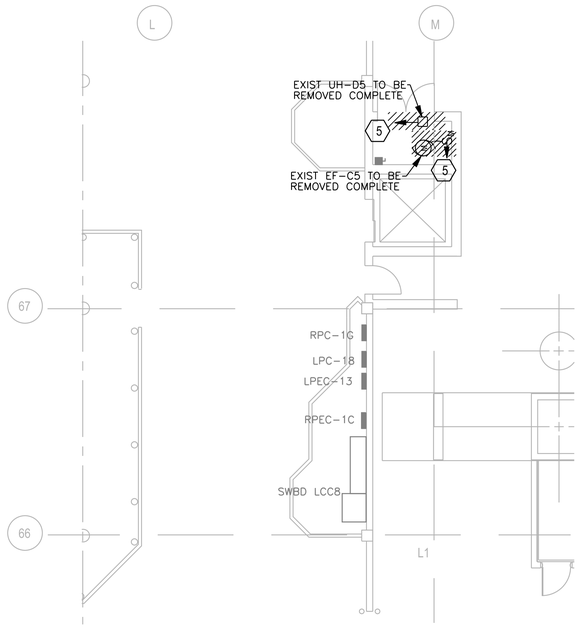
PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\EC4.0.1 ELECTRICAL APRON PLANS AREAS C5-
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Atlas\TOUP.pen 2:33PM

GENERAL NOTES:

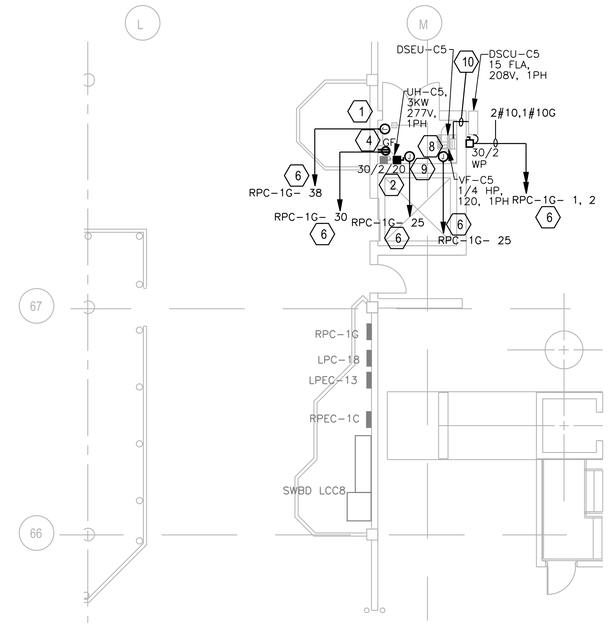
1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

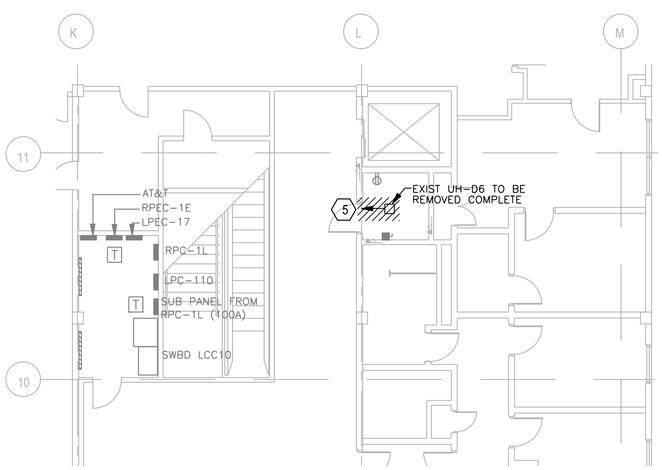
1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. PROVIDE NEW GFCI DUPLEX. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
6. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
7. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
10. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.



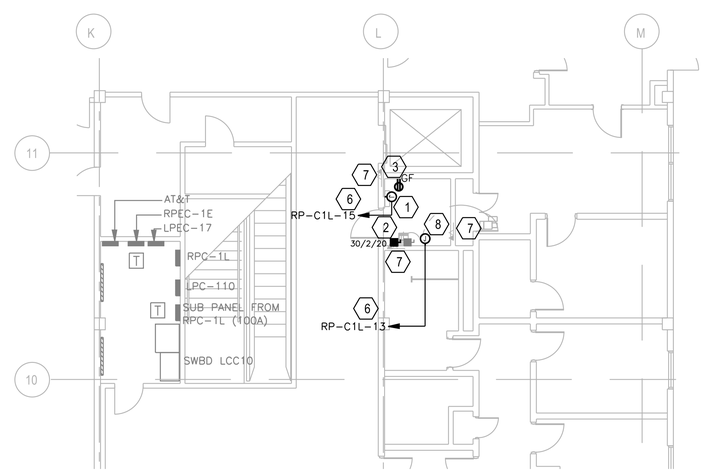
1 EC4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (C5)
SCALE: 1/8" = 1'-0"



2 EC4.0.1 ELECTRICAL PLAN APRON LEVEL (C5)
SCALE: 1/8" = 1'-0"



3 EC4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (C6)
SCALE: 1/8" = 1'-0"



4 EC4.0.1 ELECTRICAL PLAN APRON LEVEL (C6)
SCALE: 1/8" = 1'-0"

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NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS C5 AND C6 APRON LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
C5 C6	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: EC4.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\EC4.0.1 ELECTRICAL APRON PLAN AREAS C5-C6.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ED4.0.1 ELECTRICAL APRON PLANS AREA D3.dwg
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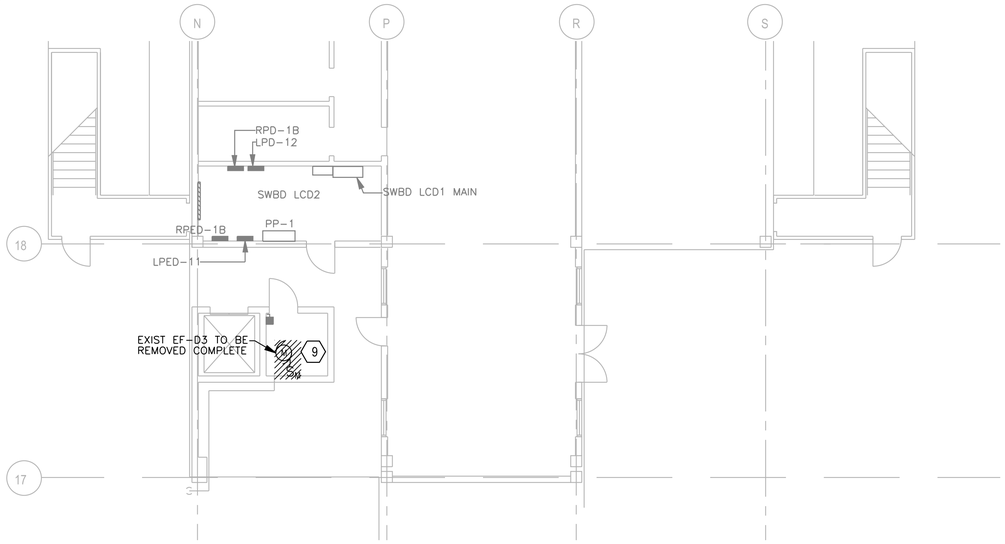


1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (D3)

ED4.0.1

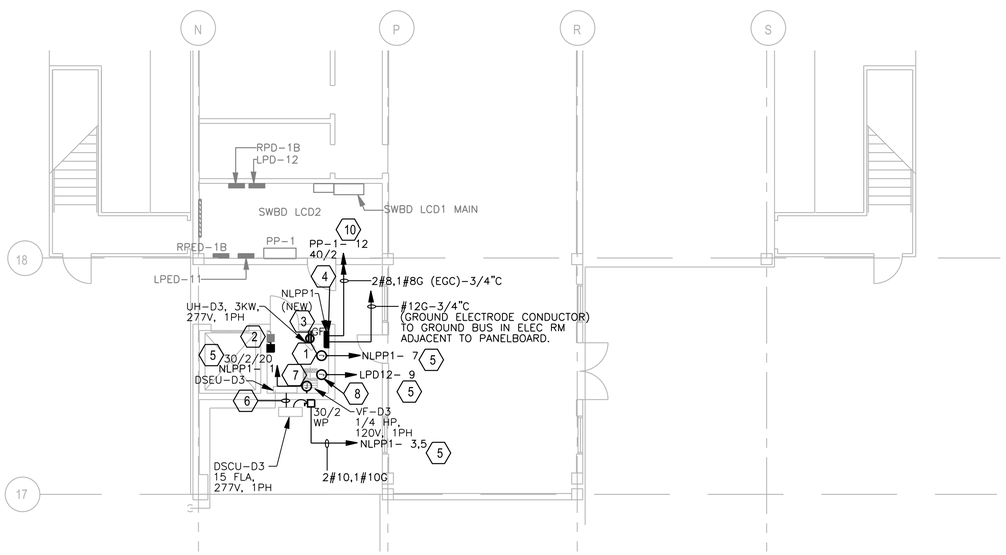
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
4. PROVIDE NEW MINI-POWER CENTER TO INCLUDE INTEGRAL 480V PRIMARY CIRCUIT BREAKER, 10KVA TRANSFORMER AND 240/120V DISTRIBUTION. SEE SCHEDULE ON SHEET E9.0.3.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD.
6. INDOOR UNIT POWERED THROUGH OUTDOOR UNIT. WIRE AS DIRECTED BY HVAC EQUIPMENT MANUFACTURER.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
10. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE LOCATED IN ELECTRICAL ROOM DS6-1-B1.



2 ELECTRICAL PLAN APRON LEVEL (D3)

ED4.0.1

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

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NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREA D3 APRON LEVEL

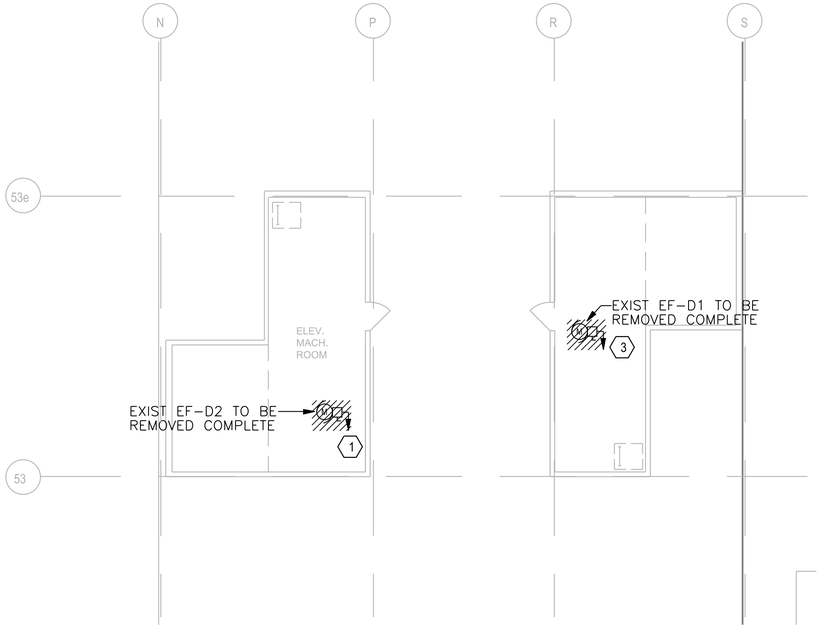
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
D3	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: ED4.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

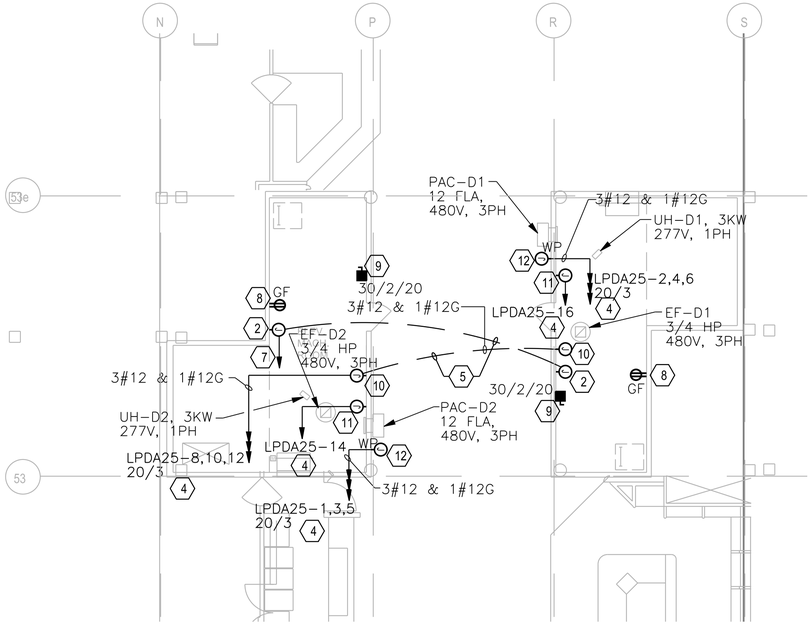
K:\07306.16 Vertical Transportation Phase 3_CADD\ED4.0.1 ELECTRICAL APRON PLANS AREA D3.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ED4.2.1 ELECTRICAL ROOF PLANS AREAS D1-D2.dwg
PEN TABLE: G:\07306\03_04-00-PROJ_DATA\Atlas\TOUP.pen 2:33PM



1 ED4.2.1 ELECTRICAL DEMOLITION PLAN ROOF LEVEL (D1/D2)

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



2 ED4.2.1 ELECTRICAL PLAN ROOF LEVEL (D1/D2)

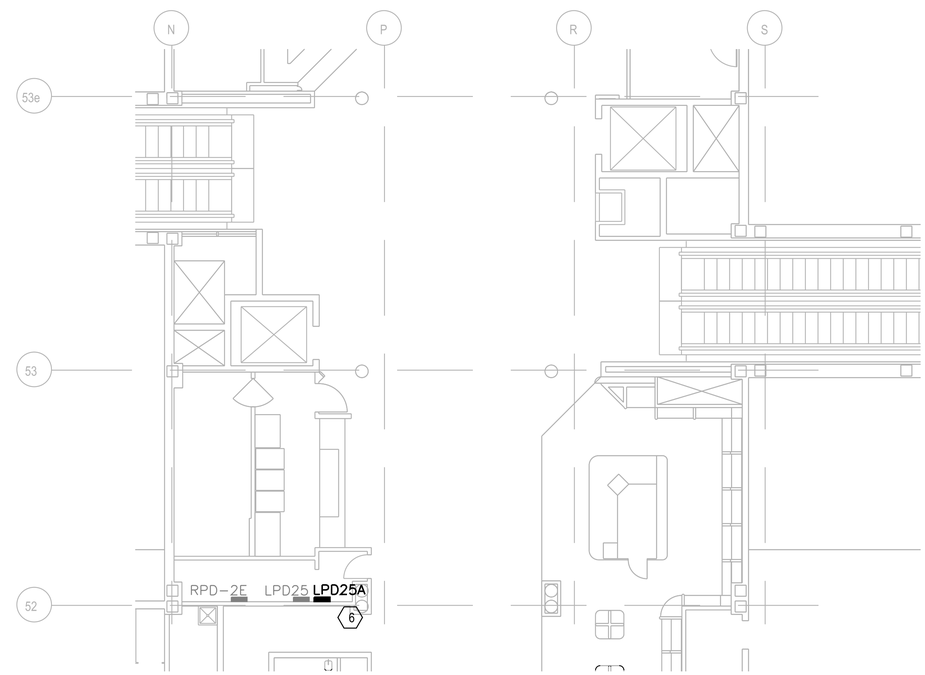
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. FIELD VERIFY EXISTING 120 VOLT BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD, LEAVING CONDUIT IN PLACE INTO ROOM FOR REUSE. BRANCH CIRCUIT SHALL BE REUSED TO NEW DDC CONTROL PANEL AS DIRECTED IN KEYED NOTE #7 BELOW.
2. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR DAMPERS AS REQUIRED.
3. FIELD VERIFY EXISTING 120 VOLT BRANCH CIRCUIT CONNECTION AND REMOVE COMPLETE.
4. HOMERUN TO CIRCUIT BREAKER IN NEW PANELBOARD INDICATED.
5. ROUTE BRANCH CIRCUIT CONNECTION BETWEEN ROOMS ABOVE CEILING OF FLOOR BELOW.
6. NEW PANELBOARD TO BE LOCATED IN ELECTRICAL ROOM WHERE SPACE AVAILABLE. PROVIDE FEEDER FROM SWITCHBOARD LCD5 IN MAIN ELECTRICAL ROOM ON APRON LEVEL BELOW.
7. EXISTING 120 VOLT BRANCH CIRCUIT SERVING EF-D2 (REMOVED BY DEMOLITION) TO BE REUSED FOR THIS HOMERUN. FIELD VERIFY EXISTING BRANCH CIRCUIT, EXTEND CONDUIT AS NEEDED AND PROVIDE NEW #12 AWG WIRE FROM CIRCUIT BREAKER TO LOAD.
8. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
9. INTERCEPT EXISTING ELEVATOR CAB LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
10. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
11. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
12. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO PAC UNIT DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.



3 ED4.2.1 BOARDING LEVEL PLAN (D1/D2)

SCALE: 1/8" = 1'-0"
(PLAN ISSUED FOR LOCATION OF PANELBOARDS ONLY)

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NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREA D1/D2 ROOF LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
D1 D2	DATE: 06.11.2014
	SCALE: ⅛"=1'-0"
	SHEET NO: ED4.2.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.1 ELECTRICAL APRON PLANS_AREAS T
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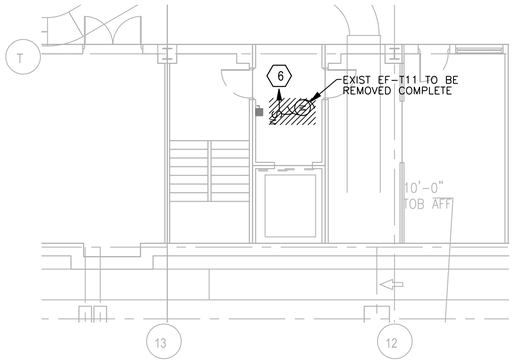
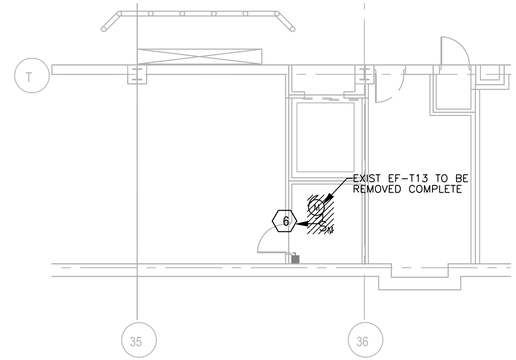


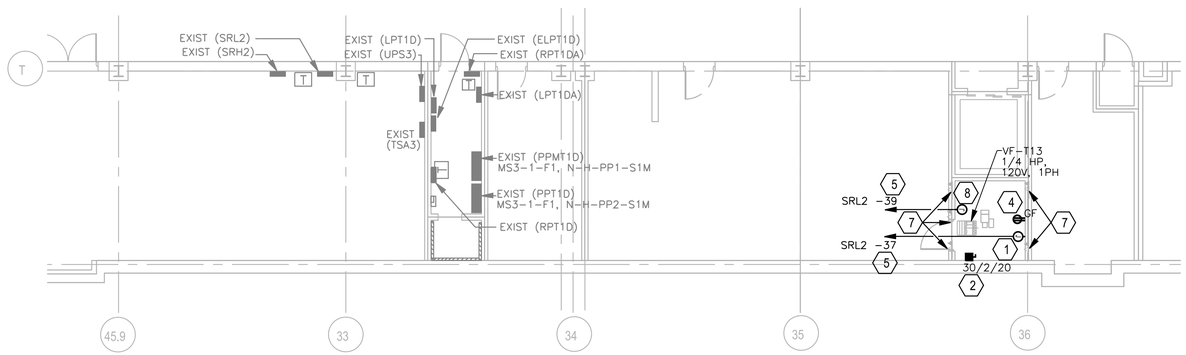
1 ET4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T11)

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



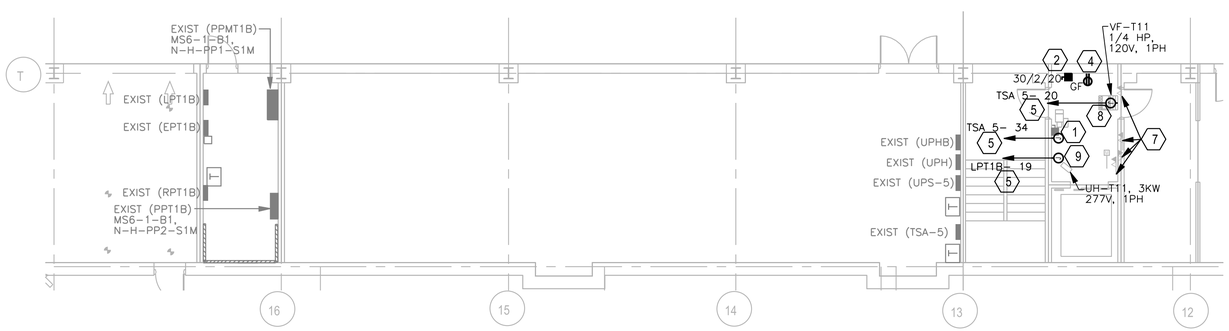
2 ET4.0.1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T13)

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



3 ET4.0.1 ELECTRICAL PLAN APRON LEVEL (T13)

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



4 ET4.0.1 ELECTRICAL PLAN APRON LEVEL (T11)

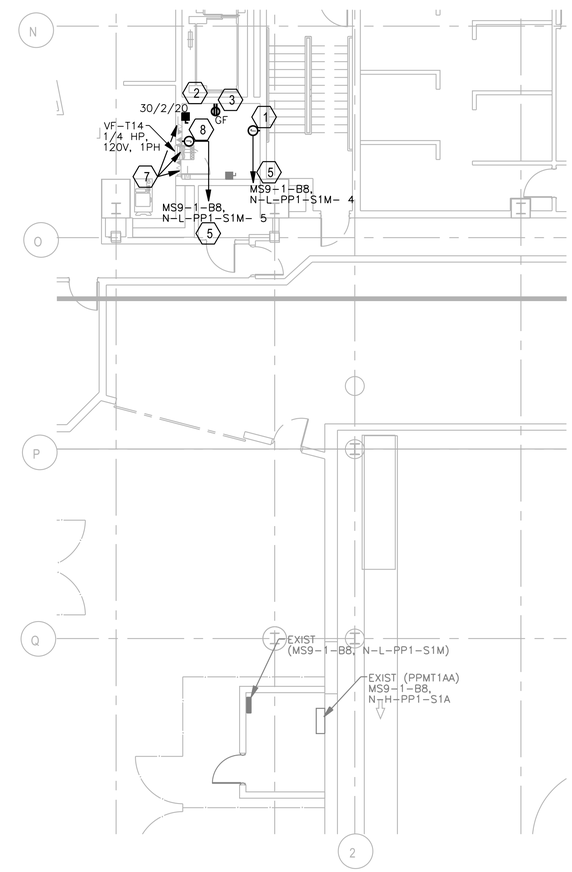
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. PROVIDE NEW GFCI DUPLEX. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
6. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
7. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.



5 ET4.0.1 ELECTRICAL PLAN APRON LEVEL (T14)

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

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ELECTRICAL PLANS - MODIFICATIONS TO AREAS T11, T13, AND T14 APRON LEVEL

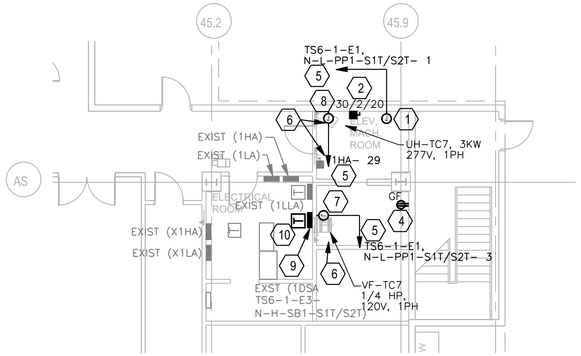
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
T11 T13 T14	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: ET4.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

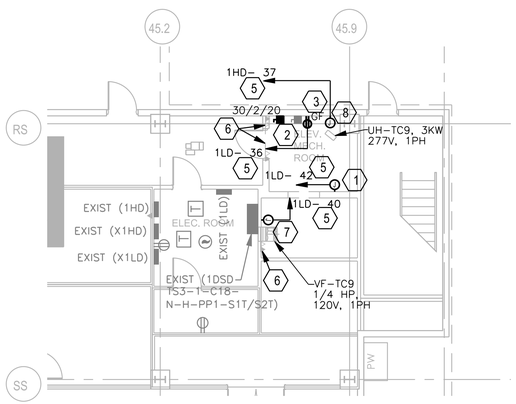
K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.1 ELECTRICAL APRON PLANS AREAS T11 T13 T14.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.2 ELECTRICAL PLANS AREAS TCON7-TCON9.dwg
PEN TABLE: G:\07306\0_04-00-PROJ_DATA\Addat\TOUP.pen 3:04PM



1 ET4.0.2 ELECTRICAL PLAN APRON LEVEL (TCON7)

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



2 ET4.0.2 ELECTRICAL PLAN APRON LEVEL (TCON9)

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

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. PROVIDE NEW GFCI DUPLEX. HOME RUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
6. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. NEW PANEL TS6-1-E3-N-L-PP1-S1T/S2T.
10. NEW DRY TYPE TRNSFORMER TS6-1-E3-N-H-TR1-S1T/S2T.

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NO.	DATE	BY	REVISION

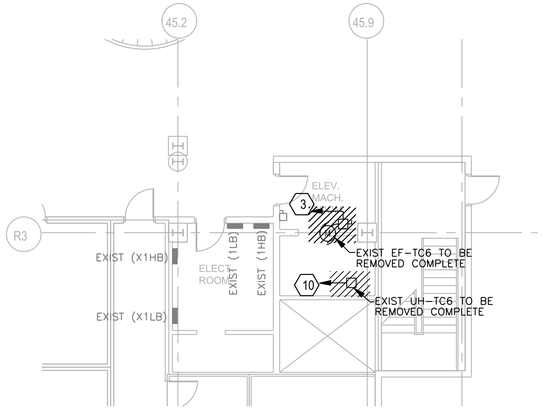
ELECTRICAL PLANS - MODIFICATIONS TO AREAS TCON7 AND TCON9 APRON LEVEL

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
TCON7 TCON9	DATE: 06.11.2014
	SCALE: ⅛"=1'-0"
	SHEET NO: ET4.0.2

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

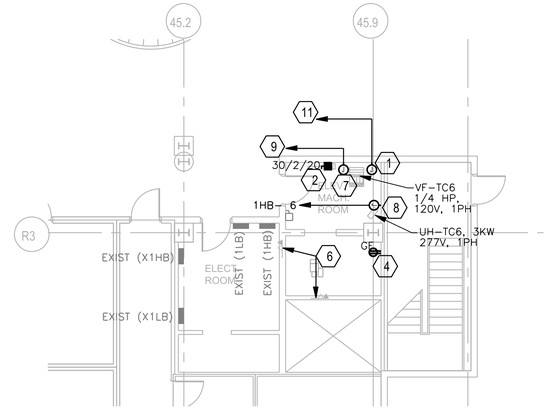
PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.3 ELECTRICAL APRON PLANS AREAS TCON1 TCON5 TCON6.dwg
PEN TABLE: G:\07306\0_04-00-PROJ_DATA\Atlas\TCOUP.pen 3:19PM



1 ELECTRICAL DEMOLITION PLAN APRON LEVEL (TCON6)

ET4.0.3

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



2 ELECTRICAL PLAN APRON LEVEL (TCON6)

ET4.0.3

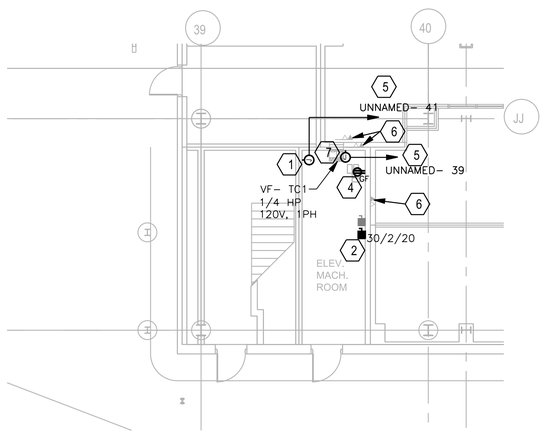
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

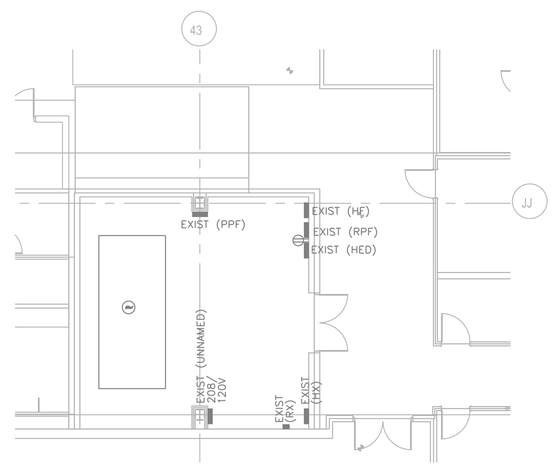
1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. FIELD VERIFY EXISITNG 120 VOLT BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD, LEAVING CONDUIT IN PLACE INTO ROOM FOR REUSE. BRANCH CIRCUIT SHALL BE REUSED TO NEW FAN VF-TC6 AS DIRECTED IN KEYED NOT #9 BELOW.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
6. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. EXISTING 120 VOLT BRANCH CIRCUIT SERVING EF-TC6 (REMOVED BY DEMOLITION) TO BE REUSED FOR THIS HOMERUN. FIELD VERIFY EXISTING BRANCH CIRCUIT, EXTEND CONDUIT AS NEEDED AND PROVIDE NEW #12 AWG WIRE FROM CIRCUIT BREAKER TO LOAD.
10. FIELD VERIFY EXISITNG 120 VOLT BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD, LEAVING CONDUIT IN PLACE INTO ROOM FOR REUSE. BRANCH CIRCUIT SHALL BE REUSED TO NEW DDC CONTROL PANEL AS DIRECTED IN KEYED NOT #11 BELOW.
11. EXISTING 120 VOLT BRANCH CIRCUIT SERVING UH-TC6 (REMOVED BY DEMOLITION) TO BE REUSED FOR THIS HOMERUN. FIELD VERIFY EXISTING BRANCH CIRCUIT, EXTEND CONDUIT AS NEEDED AND PROVIDE NEW #12 AWG WIRE FROM CIRCUIT BREAKER TO LOAD.



3 ELECTRICAL PLAN APRON LEVEL (TCON1)

ET4.0.3

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

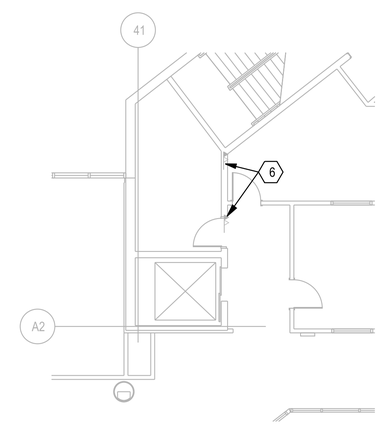


4 ELECTRICAL PLAN APRON LEVEL

ET4.0.3

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

(PLAN SHOWN FOR LOCATION OF PANELBOARDS SUPPORT TCON1)



5 ELECTRICAL PLAN BOARDING LEVEL (TCON5)

ET4.0.3

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

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NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS TCON1 & TCON6 APRON LEVEL TCON5 BOARDING LEVEL

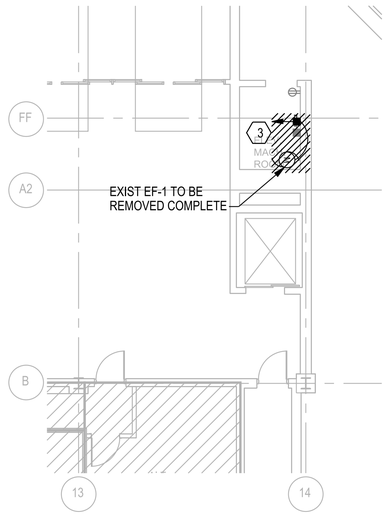
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
TCON1 TCON5 TCON6	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: ET4.0.3

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

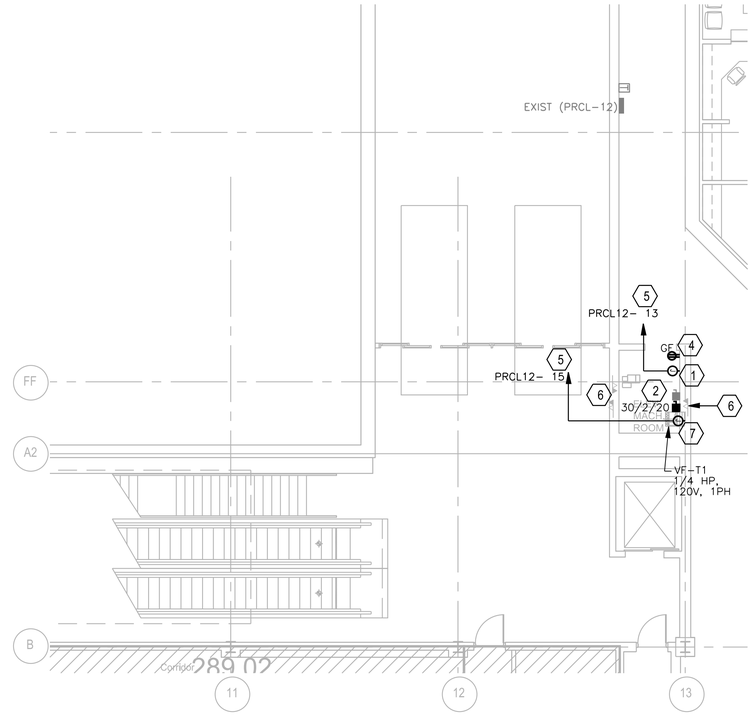
K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.3 ELECTRICAL APRON PLANS AREAS TCON1 TCON5 TCON6.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.4 ELECTRICAL APRON PLANS_AREAS T1
PEN TABLE: G:\07306\03_04-00-PROJ_DATA\Addin\TOUP.pen 3:21PM



1 ET4.0.4 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T1)

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



2 ET4.0.4 ELECTRICAL PLAN APRON LEVEL (T1)

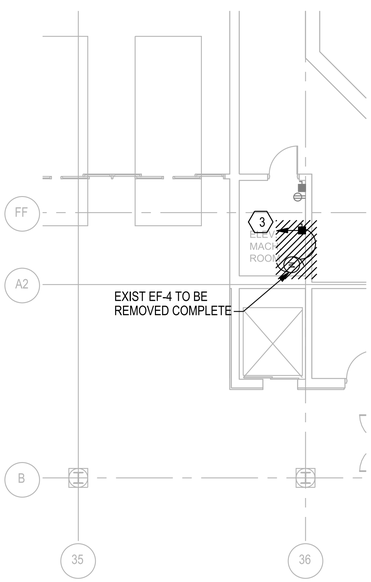
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

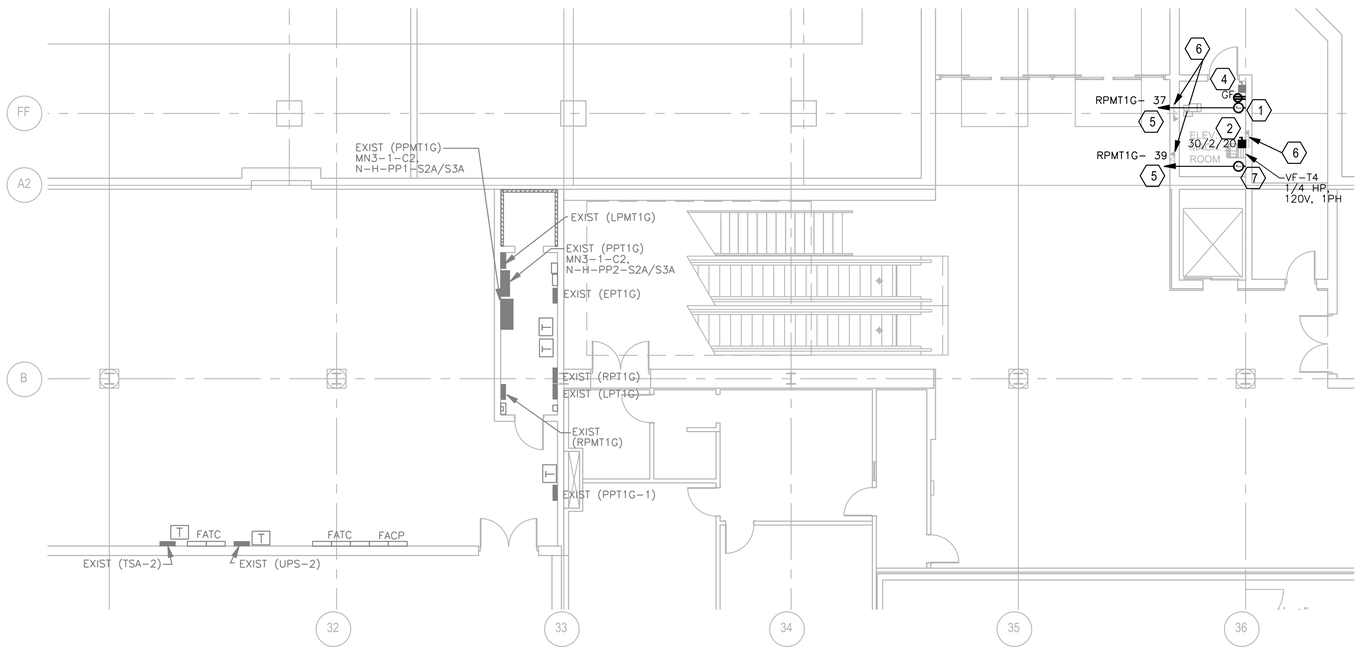
KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
6. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.



3 ET4.0.4 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T4)

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



4 ET4.0.4 ELECTRICAL PLAN APRON LEVEL (T4)

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

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RICHARD WITTSCHIEBE HAND ARCHITECTS
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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS T1, AND T4 APRON LEVEL

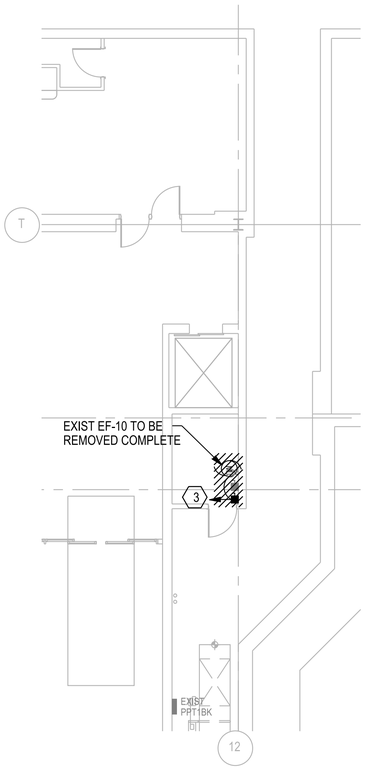
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
T1 T4	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: ET4.0.4

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

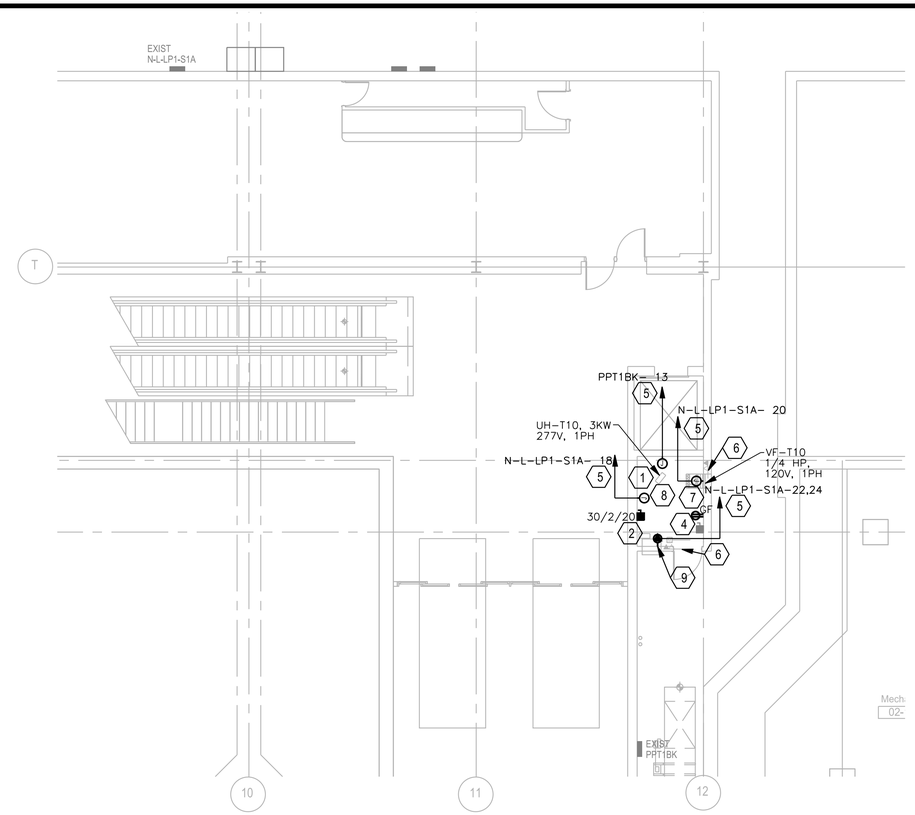
K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.4 ELECTRICAL APRON PLANS AREAS T1 T4.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.5 ELECTRICAL APRON PLANS_AREAS T10 T12.dwg
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Addin\TOUP.pen 3:39PM



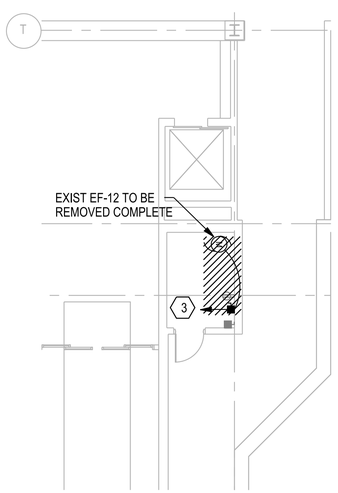
1 ET4.0.5 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T10)

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



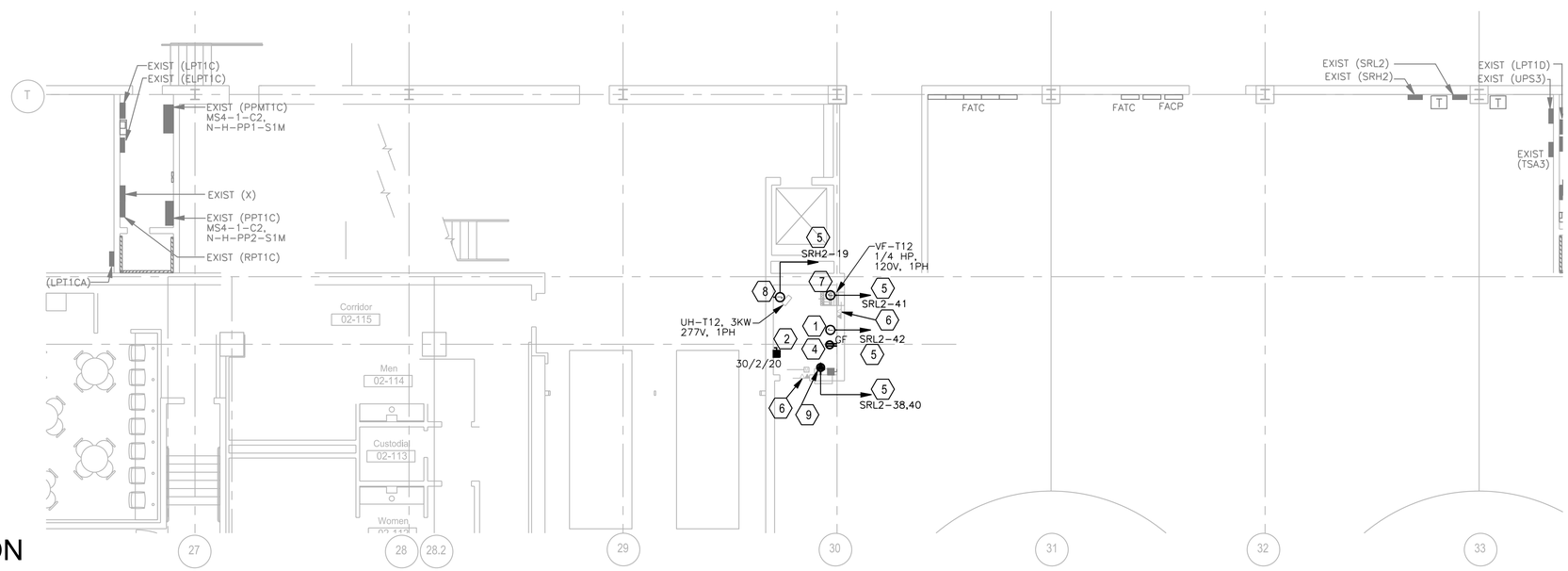
2 ET4.0.5 ELECTRICAL PLAN APRON LEVEL (T10)

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



3 ET4.0.5 ELECTRICAL DEMOLITION PLAN APRON LEVEL (T12)

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



4 ET4.0.5 ELECTRICAL PLAN APRON LEVEL (T12)

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

GENERAL NOTES:

1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
4. REPLACE EXISTING DUPLEX RECEPTACLE WITH GFCI TYPE AND RECONNECT TO EXISTING CIRCUIT.
5. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
6. FIRE/SMOKE DAMPER PROVIDED AND INSTALLED BY DIV 15. INTERLOCK WITH FIRE ALARM SYSTEM TO CLOSE UPON ACTIVATION OF SMOKE DETECTOR IN AHU OR ELEVATOR MACHINE ROOM.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. PROVIDE NEW NEMA 6-15R RECEPTACLE FOR HVAC RAC UNIT.

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AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS T10, AND T12 APRON LEVEL

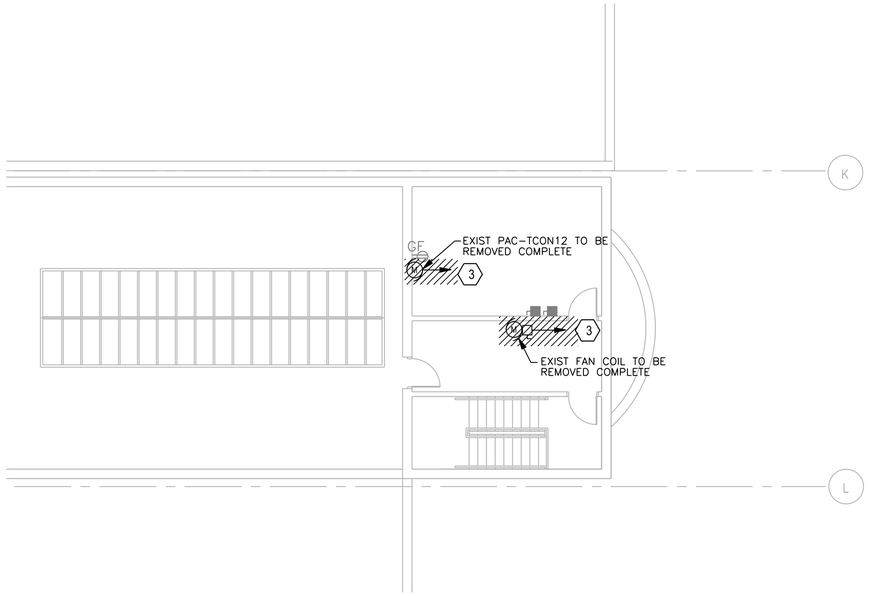
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
T10 T12	DATE: 06.11.2014
	SCALE: 1/8"=1'-0"
	SHEET NO: ET4.0.5

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.0.5 ELECTRICAL APRON PLANS AREAS T10 T12.dwg

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.2.1 ELECTRICAL ROOF PLANS AREAS TC
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Atlas\TOUP.pen 3:43PM



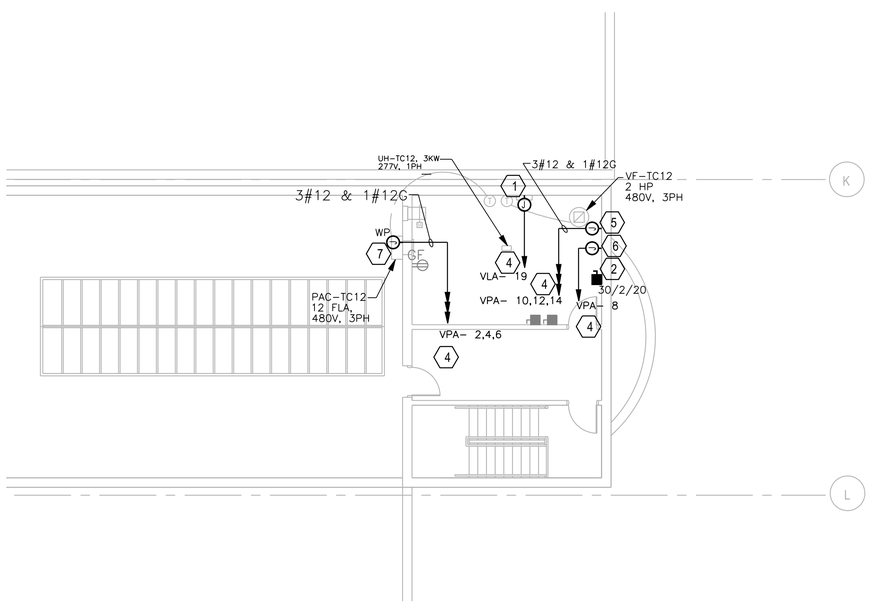
1 ET4.2.1 ELECTRICAL DEMOLITION PLAN ROOF LEVEL (TCON12 & TCON13)
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

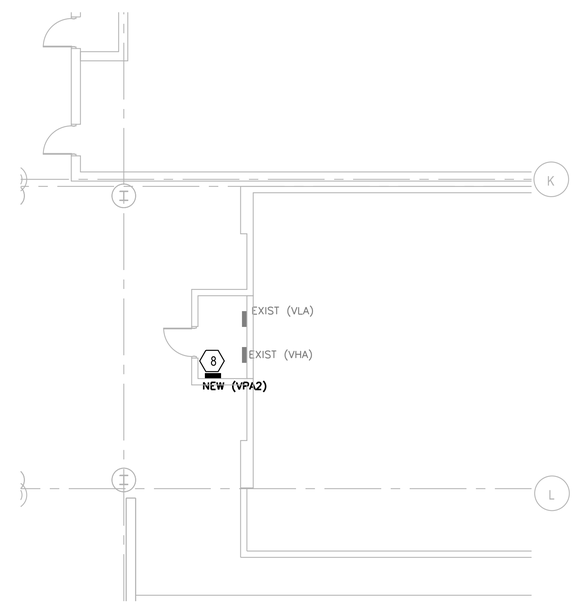
1. WHERE DEMOLITION OF BRANCH CIRCUITS ARE INDICATED, REMOVE BRANCH CIRCUIT WIRING COMPLETE BACK TO PANELBOARD. CONDUIT SHALL BE REMOVED TO THE EXTENT POSSIBLE.

KEYED NOTES:

1. COORDINATE WITH HVAC CONTRACTOR FOR 120V CONNECTION TO DDC CONTROL PANEL AND/OR FIRE/SMOKE DAMPERS AS REQUIRED.
2. INTERCEPT EXISTING ELEVATOR CAP LIGHTING CIRCUIT AND REDIRECT THROUGH NEW 30/2/20 DISCONNECT SWITCH.
3. FIELD VERIFY EXISITNG BRANCH CIRCUIT CONNECTION AND REMOVE EXISTING WIRE COMPLETE BACK TO PANELBOARD.
4. HOMERUN TO NEW CIRCUIT BREAKER IN EXISTING PANELBOARD SPACE.
5. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO EXHAUST FAN DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
6. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO UNIT HEATER DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
7. COORDINATE WITH HVAC CONTRACTOR FOR CONNECTION TO PAC UNIT DISCONNECT SWITCH/STARTER. EQUIPMENT SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. NEW PANELBOARD TO BE LOCATED IN ELECTRICAL ROOM WHERE SPACE AVAILABLE.



2 ET4.2.1 ELECTRICAL PLAN ROOF LEVEL (TCON12 & TCON13)
SCALE: 1/8" = 1'-0"



3 ET4.2.1 ELECTRICAL PLAN APRON LEVEL
SCALE: 1/8" = 1'-0"
(PLAN SHOWN FOR LOCATION OF PANELBOARDS SUPPORTING TCON12/13)

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PHASE 3
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NO.	DATE	BY	REVISION

ELECTRICAL PLANS - MODIFICATIONS TO AREAS TCON12 AND TCON13 ROOF LEVEL

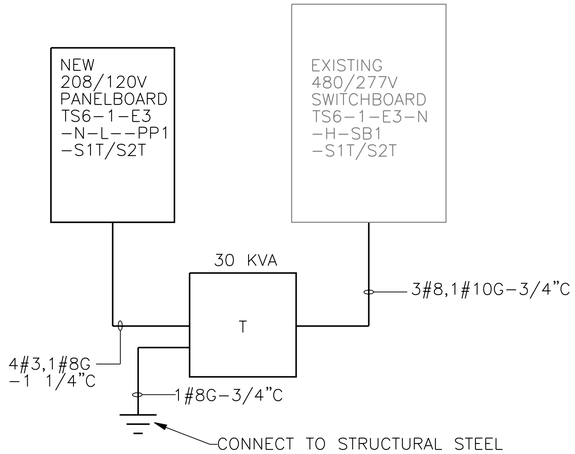
WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
TCON12 TCON13	DATE: 06.11.2014
	SCALE: ⅛"=1'-0"
	SHEET NO: ET4.2.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

K:\07306.16 Vertical Transportation Phase 3_CADD\ET4.2.1 ELECTRICAL ROOF PLANS AREAS TCON12-TCON13.dwg

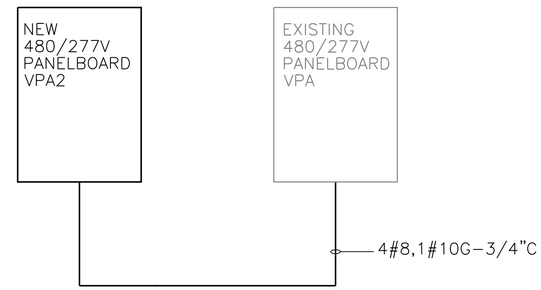
PLOT DATE: 6/6/2014 PLOTTED BY: mstriker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E6.0.1 ELECTRICAL DETAILS.dwg
PEN TABLE: G:\0730600_04-00-PROJ_DATA\Atlas\TOUP.pen 11:57AM



1 E6.0.1 ONE LINE DIAGRAM - ROOM TS6-1-E3 APRON LEVEL

SCALE: NOT TO SCALE

SEE E9.0.2 & E9.0.3 FOR PANELBOARD INFORMATION



2 E6.0.1 ONE LINE DIAGRAM - ROOM TC1-1-C1 APRON LEVEL

SCALE: NOT TO SCALE

SEE E9.0.4 FOR PANELBOARD INFORMATION

CITY OF ATLANTA, GEORGIA

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HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELETRICAL
POWER ONE LINE
DIAGRAMS

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E6.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.1 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\data\TOUP.pen 3-4?PM

PANELBOARD: EXISTING PRCL-12 **LOCATION:** TERMINAL - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100 MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	POF N.W. TERMINAL	0.00	0.00			0.00	POF IN N.W. CONNECTOR	1	20	2
3	20	1	POF N.W. TERMINAL	0.00		0.00		0.00	POF IN N.W. CONNECTOR	1	20	4
5	20	1	CONTROL CABINET 16C	0.00			0.00	0.00	POF IN N.W. CONNECTOR	1	20	6
7	20	1	CONTROL CABINET 12	0.00	0.00			0.00	POF IN N.W. CONNECTOR	1	20	8
9	20	1	EXISTING LOADS	0.00		0.00		0.00	SPACE			10
11	20	1	EXISTING LOADS	0.00			0.00	0.00	SPACE			12
13	*20	1	HVAC CONTROL	0.50	0.50			0.00	SPACE			14
15	*20	1	VF-T1	0.70		0.70		0.00	SPACE			16
			TOTAL CONNECTED PHASE KVA:		0.50	0.70	0.00					
			TOTAL CONNECTED KVA:		1.20							
			DEMAND OR DESIGN KVA:		1.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		1.20							
			DEMAND OR DESIGN AMPERES:		3.32							

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING RPMT1G **LOCATION:** TERMINAL - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 90A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECETACLE	0.00	0.00			0.00	EXISTING LOAD	1	20	2
3	20	1	RECETACLE	0.00		0.00		0.00	EXISTING LOAD	1	20	4
5	20	1	RECETACLE	0.00			0.00	0.00	EXISTING LOAD	1	20	6
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	12
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	2	20	14
15	20	1	EXISTING LOAD	0.00		0.00		0.00	-			16
17	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	2	20	18
19	20	1	EXISTING LOAD	0.00	0.00			0.00	-			20
21	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	22
23	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	24
25	20	3	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	26
27	-	-	-	0.00		0.00		0.00	EXISTING LOAD	1	20	28
29				0.00			0.00	0.00	EXISTING LOAD	1	20	30
31	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	32
33	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	34
35	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	36
37	*20	1	HVAC CONTROL	0.50	0.50			0.00	EXISTING LOAD	1	20	38
39	*20	1	VF-T4	0.70		0.70		0.00	EXISTING LOAD	1	20	40
41			SPACE	0.00			0.00	0.00	EXISTING LOAD	1	20	42
			TOTAL CONNECTED PHASE KVA:		0.50	0.70	0.00					
			TOTAL CONNECTED KVA:		1.20							
			DEMAND OR DESIGN KVA:		1.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		1.20							
			DEMAND OR DESIGN AMPERES:		3.32							

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING N-L-LP1-S1A **LOCATION:** TERMINAL - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 250A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	30	2	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOAD	2	30	2
3	-	-	-	0.00		0.00		0.00		-		4
5	30	2	EXISTING LOADS	0.00			0.00	0.00	EXISTING LOAD	2	30	6
7	-	-	-	0.00	0.00			0.00		-		8
9	30	2	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOAD	2	30	10
11	-	-	-	0.00			0.00	0.00	-	-	-	12
13	30	2	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOAD	2	30	14
15	-	-	-	0.00		0.00		0.00		-		16
17	30	2	EXISTING LOADS	0.00			0.50	0.50	HVAC CONTROL	1	20*	18
19	-	-	-	0.00	0.70			0.70	VF-T10	1	20*	20
21			SPACE	0.00		0.75		0.75	RAC-T10	2	20*	22
23			SPACE	0.00			0.75	0.75	/	/	/	24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30
			TOTAL CONNECTED PHASE KVA:		0.70	0.75	1.25					
			TOTAL CONNECTED KVA:		2.70							
			DEMAND OR DESIGN KVA:		2.70							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		2.70							
			DEMAND OR DESIGN AMPERES:		7.48							

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING PPT1BK **LOCATION:** TERMINAL - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 150A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	3	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOAD	3	20	10
2	-	-	-	0.00		0.00		0.00	-	-	-	11
3	-	-	-	0.00			0.00	0.00		-	-	12
4	20	3	AHU	0.00	3.20			3.20	UH-T10	1	20*	13
5	-	-	-	0.00		0.00		0.00	SPACE			14
6	-	-	-	0.00			0.00	0.00	SPACE			15
7			SPACE	0.00	0.00			0.00	SPACE			16
8			SPACE	0.00		0.00		0.00	SPACE			17
9			SPACE	0.00			0.00	0.00	SPACE			18
			TOTAL CONNECTED PHASE KVA:		3.20	0.00	0.00					
			TOTAL CONNECTED KVA:		3.20							
			DEMAND OR DESIGN KVA:		3.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.20							
			DEMAND OR DESIGN AMPERES:		3.85							

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING SRL2 **LOCATION:** TERMINAL T-APRON LEVEL ELECT. ROOM MS3-1-E1-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 60A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	60	3	MAIN	0.00	0.00			0.00	SPACE			2
3	-	-	-	0.00		0.00		0.00	SPACE			4
5	-	-	-	0.00			0.00	0.00	SPACE			6
7	20	1	CS2 FAN	0.00	0.00			0.00	CS-2 RECEPTACLES	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	CS-2 RECEPTACLES	1	20	10
11	20	1	CS2 RECEPTACLES	0.00			0.00	0.00	CS-2 RECEPTACLES	1	20	12
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	14
15	20	1	SKYCAP ASSIST	0.00		0.00		0.00	SKYCAP ASSIST	1	20	16
17	20	1	EXISTING LOAD	0.00			0.00	0.00	SKYCAP ASSIST	1	20	18
19	20	1	SKYCAP ASSIST	0.00	0.00			0.00	FIDS LC	1	20	20
21	20	1	EXISTING LOAD	0.00		0.00		0.00	MCP'S - TC5, TC6, TC7	1	20	22
23	20	1	SKYCAP ASSIST	0.00			0.00	0.00	EXISTING LOAD	1	20	24
25	20	1	DK	0.00	0.00			0.00	MCP'S - CS2, TC2, TC3	1	20	26
27	20	1	FIDS LC	0.00		0.00		0.00	SKYCAP ASSIST	1	20	28
29	20	1	SKYCAP ASSIST	0.00			0.00	0.00	SPARE	1	20	30
31	20	1	SKYCAP ASSIST	0.00	0.00			0.00	SKYCAP ASSIST	1	20	32
33	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	34
35	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	36
37	*20	1	HVAC CONTROLS-T13	0.50	1.25			0.75	RAC-T12	2	20*	38
39	*20	1	VF-T13	0.70		1.45		0.75	/	/	/	40
41	*20	1	VF-T12	0.70			1.20	0.50	HVAC CONTROLS-T12	1	20*	42
			TOTAL CONNECTED PHASE KVA:		1.25	1.45	1.20					
			TOTAL CONNECTED KVA:		3.89							
			DEMAND OR DESIGN KVA:		3.89							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.89							
			DEMAND OR DESIGN AMPERES:		10.80							

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING SRH2 **LOCATION:** TERMINAL T-APRON LEVEL ELECT. ROOM MS3-1-E1-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 100A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	2	CS3- HEATER	0.00	0.00			0.00	CS3 - HEATER	2	20	2
3	-	-	-	0.00		0.00		0.00	-	-	-	4
5	20	2	CS3 -HEATER	0.00			0.00	0.00	CS3 - HEATER	2	20	6
7	-	-	-	0.00	0.00			0.00	-	-	-	8
9	30	1	SPARE	0.00		0.00		0.00	CS2 - HEATER	3	25	10
11	20	1	SPARE	0.00			0.00	0.00	-	-	-	12
13	20	1	SPARE	0.00	0.00			0.00	-	-	-	14
15	25	1	SPARE	0.00		0.00		0.00	CS2 - HEATER	3	25	16
17	20	1	SPARE	0.00			0.00	0.00	-	-	-	18
19	*20	1	UH - T12	3.20	3.20			0.00	-	-	-	20
21	20	1	SPARE	0.00		0.00		0.00	CS2 - HEATER	3	25	22
23	20	1	SPARE	0.00			0.00	0.00	-	-	-	24
25	30	3	TRANSFORMER	0.00	0.00			0.00	-	-	-	26
27	-	-	-	0.00		0.00		0.00	CS2 - HEATER	2	20	28
29	-	-	-	0.00			0.00	0.00	-	-	-	30
			DEMAND OR DESIGN KVA:		3.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.20							
			DEMAND OR DESIGN AMPERES:		3.85							

AMPERES INTERRUPTING RATING: EXISTING

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

CITY OF ATLANTA, GEORGIA

Hartsfield-Jackson Atlanta International Airport

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SEAL

PHASE 3 VERTICAL TRANSPORTATION

HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PANELBOARD SCHEDULES - TERMINAL

WBS NUMBER: H.03.90.202
FC NUMBER: 6006007929
CONSULTANT PROJECT NUMBER: 07306.16
REFERENCE NUMBER

DRAWN BY: M. TRINKER
DESIGNED BY: M. TRINKER
CHECKED BY: S. SVEDA
APPROVED BY: S. SVEDA
DATE: 06.11.2014
SCALE: NONE
SHEET NO: E9.0.1

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.2 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:34PM

PANELBOARD: EXISTING TSA 5 **LOCATION:** TERMINAL T - APRON LEVEL ELECT. RM. MS6-1-A1-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 150 MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	2
3	20	1	RECEPTACLES	0.00		0.00		0.00	RECEPTACLES	1	20	4
5	20	1	RECEPTACLES	0.00			0.00	0.00	RECEPTACLES	1	20	6
7	20	1	RECEPTACLES	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9			SPACE	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	12
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	14
15	20	1	K10SK #3	0.00		0.00		0.00	COMM RM. A/C UNIT	1	20	16
17	20	1	K10SK #3	0.00			0.00	0.00	OUTSIDE A/C UNIT	1	20	18
19	20	1	EXISTING LOAD	0.00	0.70			0.70	VF-TC11	1	20*	20
21	20	1	EXISTING LOAD	0.00		0.00		0.00	COMM RM. A/C UNIT	1	20	22
23	20	1	EXISTING LOAD	0.00			0.00	0.00	OUTSIDE A/C UNIT	1	20	24
25	20	1	K10SK #1	0.00	0.00			0.00	SPACE			26
27	20	1	K10SK #1	0.00		0.00		0.00	SPACE			28
29	20	1	K10SK #2	0.00			0.00	0.00	COMM RM. A/C UNIT	1	20	30
31	20	1	K10SK #2	0.00	0.00			0.00	INSIDE UNIT	1	20	32
33			SPACE	0.00		0.50		0.50	HVAC CONTROLS	1	20*	34
35			SPACE	0.00			0.00	0.00	COMM RM. A/C UNIT	1	20	36
37			SPACE	0.00	0.00			0.00	INSIDE UNIT	1	20	38
39			SPACE	0.00		0.00		0.00	SPACE			40
41			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.70	0.50	0.00
TOTAL CONNECTED KVA:	1.20		
DEMAND OR DESIGN KVA:	1.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	1.20		
DEMAND OR DESIGN AMPERES:	3.32		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING LPT1B **LOCATION:** TERMINAL T - APRON LEVEL ELECT. RM MS6-1-B1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 200A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	SPARE	0.00	0.00			0.00	EXISTING LOADS	1	20	22
2	20	1	SPARE	0.00		0.00		0.00	EXISTING LOADS	1	20	23
3	20	1	SPARE	0.00			0.00	0.00	SPARE	1	20	24
4	20	1	LIGHTING C/L 16-18	0.00	0.00			0.00	EXISTING LOADS	1	20	25
5	20	1	T-P C/L & 2 UNASSIGN. OFFICES	0.00		0.00		0.00	EXISTING LOADS	1	20	26
6	20	1	T-P C/L & 2 UNASSIGN. OFFICES	0.00			0.00	0.00	EXISTING LOADS	1	20	27
7	20	1	LIGHTING C/L 16-14 T-P COL LIN	0.00	0.00			0.00	SPARE	1	20	28
8	20	1	LIGHTING C/L 16-14 T-P COL LIN	0.00		0.00		0.00	SPARE	1	20	29
9	20	1	LIGHTING C/L 16-14 T-P COL LIN	0.00			0.00	0.00	SPARE	1	20	30
10	20	3	POLICE BOOTH WEST	0.00	0.00			0.00	EXISTING LOADS	3	20	31
11	-	-	-	0.00		0.00		0.00	-	-	-	32
12	-	-	-	0.00			0.00	0.00	-	-	-	33
13	20	3	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	3	20	34
14	-	-	-	0.00		0.00		0.00	-	-	-	35
15	-	-	-	0.00			0.00	0.00	-	-	-	36
16	30	3	EXISTING LOADS	0.00	0.00			0.00	SPACE			37
17	-	-	-	0.00		0.00		0.00	SPACE			38
18	-	-	-	0.00			0.00	0.00	SPACE			39
19	*20	1	UH-T11	3.20	3.20			0.00	SPACE			40
20			SPACE	0.00		0.00		0.00	SPACE			41
21			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	3.20	0.00	0.00
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING MS9-1-B8, N-L-TR1-S1M **LOCATION:** TERMINAL - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 125A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	CU-TERM-MS9	0.00	0.00			0.00	SPARE	1	20	22
2	20	1	CU-TERM-MS9	0.00		0.00		0.00	SPARE	1	20	23
3	20	1	RECEPTACLES	0.00			0.00	0.00	SPARE	1	20	24
4	*20	1	HVAC CONTROLS	0.50	0.50			0.00	SPARE	1	20	25
5	*20	1	VF-T14	0.70		0.70		0.00	SPACE			26
6			SPACE	0.00			0.00	0.00	SPACE			27
7			SPACE	0.00	0.00			0.00	SPACE			28
8			SPACE	0.00		0.00		0.00	SPACE			29
9			SPACE	0.00			0.00	0.00	SPACE			30
10			SPACE	0.00	0.00			0.00	SPACE			31
11			SPACE	0.00		0.00		0.00	SPACE			32
12			SPACE	0.00			0.00	0.00	SPACE			33
13			SPACE	0.00	0.00			0.00	SPACE			34
14			SPACE	0.00		0.00		0.00	SPACE			35
15			SPACE	0.00			0.00	0.00	SPACE			36
16			SPACE	0.00	0.00			0.00	SPACE			37
17			SPACE	0.00		0.00		0.00	SPACE			38
18			SPACE	0.00			0.00	0.00	SPACE			39
19			SPACE	0.00	0.00			0.00	SPACE			40
20			SPACE	0.00		0.00		0.00	SPACE			41
21			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.50	0.70	0.00
TOTAL CONNECTED KVA:	1.20		
DEMAND OR DESIGN KVA:	1.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	1.20		
DEMAND OR DESIGN AMPERES:	3.32		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING UNNAMED **LOCATION:** TERMINAL - APRON LEVEL MECHANICAL RM. ME1-1-D1

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	1	20	2
3	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	4
5	20	1	EXISTING LOADS	0.00			0.00	0.00	EXISTING LOADS	1	20	6
7	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	1	20	8
9	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	10
11	20	1	EXISTING LOADS	0.00			0.00	0.00	EXISTING LOADS	1	20	12
13	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	1	20	14
15	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	16
17			SPACE	0.00			0.00	0.00	SPACE			18
19	50	3	AC OUTSIDE UNIT	0.00	0.00			0.00	AC INSIDE UNIT	3	20	20
21	-	-	-	0.00		0.00		0.00	-	-	-	22
23	-	-	-	0.00			0.00	0.00	-	-	-	24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30
31			SPACE	0.00	0.00			0.00	SPACE			32
33			SPACE	0.00		0.00		0.00	SPACE			34
35			SPACE	0.00			0.00	0.00	SPACE			36
37			SPACE	0.00	0.00			0.00	SPACE			38
39	*20	1	VF-TC1	0.70		0.70		0.00	SPACE			40
41	*20	1	HVAC CONTROL	0.50			0.50	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.00	0.70	0.50
TOTAL CONNECTED KVA:	1.20		
DEMAND OR DESIGN KVA:	1.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	1.20		
DEMAND OR DESIGN AMPERES:	3.32		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING 1HB **LOCATION:** CONCOURSE T - APRON LEVEL ELECT. RM. TS8-1-D1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	LIGHT	0.00	0.00			0.00	HEATER TEL ROOM	1	20	22
2	20	1	LIGHT	0.00		0.00		0.00	HEATER ELEV. PIT	1	20	23
3	20	1	LIGHT	0.00			0.00	0.00	EXISTING LOAD	1	20	24
4	20	1	LIGHT	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	LIGHT	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	*20	1	UH-TC6	3.20			3.20	0.00	EXISTING LOAD	1	20	27
7	20	1	LIGHT	0.00	0.00			0.00	EXISTING LOAD	3	30	28
8	20	1	LIGHT	0.00		0.00		0.00	-	-	-	29
9	20	1	LIGHT	0.00			0.00	0.00	-	-	-	30
10	20	1	LIGHT	0.00	0.00			0.00	EXISTING LOAD	3	30	31
11	20	1	EXISTING LOAD	0.00		0.00		0.00	-	-	-	32
12	20	1	EXISTING LOAD	0.00			0.00	0.00	-	-	-	33
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	34
14	20	1	LIGHT	0.00		0.00		0.00	SPACE			35
15	20	1	PMB-3	0.00			0.00	0.00	SPACE			36
16	20	1	PIU	0.00	0.00			0.00	SPACE			37
17	20	1	PIU	0.00		0.00		0.00	TRANSFORMER	3	70	38
18	20	1	PIU	0.00			0.00	0.00	-	-	-	39
19	20	1	PIU	0.00	0.00			0.00	-	-	-	40
20			SPACE	0.00		0.00		0.00	SPACE			41
21	20	1	AHU-3	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.00	0.00	3.20
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: NEW TS6-1-E3-N-L-PP1-S1T/S2T **LOCATION:** TERMINAL - APRON LEVEL - ELECT. RM. TS6-1-E3

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	HVAC CONTROL	0.50	0.50			0.00	SPARE	1	20	2
3	20	1	VF-TC7	0.70		0.70		0.00	SPARE	1	20	4
5	20	1	SPARE	0.00			0.00	0.00	SPARE	1	20	6
7	20	1	SPARE	0.00	0.00			0.00	SPARE	1	20	8
9	20	1	SPARE	0.00		0.00		0.00	SPACE			10
11			SPACE	0.00			0.00	0.00	SPACE			12
13			SPACE	0.00	0.00			0.00	SPACE			14
15			SPACE	0.00		0.00		0.00	SPACE			16
17			SPACE	0.00			0.00	0.00	SPACE			18
19			SPACE	0.00	0.00			0.00	SPACE			20
21			SPACE	0.00		0.00		0.00	SPACE			22
23			SPACE	0.00			0.00	0.00	SPACE			24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30
31			SPACE	0.00	0.00			0.00	SPACE			32
33			SPACE	0.00		0.00		0.00	SPACE			34
35			SPACE	0.00			0.00	0.00	SPACE			36
37			SPACE	0.00	0.00			0.00	SPACE			38
39			SPACE	0.00		0.00		0.00	SPACE			40
41			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.50	0.70	0.00
TOTAL CONNECTED KVA:	1.20		
DEMAND OR DESIGN KVA:	1.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	1.20		
DEMAND OR DESIGN AMPERES:	3.32		

AMPERES INTERRUPTING RATING: 10,000

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

CITY OF ATLANTA, GEORGIA

Hartsfield-Jackson Atlanta International Airport

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PANELBOARD SCHEDULES - TERMINAL & CONCOURSE T

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.2

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.3 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\data\TOUP.pen 1:48PM

PANELBOARD: EXISTING 1HA **LOCATION:** CONCOURSE T - APRON LEVEL ELECT. RM TS6-1-E3

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 22A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	22
2	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	23
3	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	24
4	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	27
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	28
8	20	1	EXISTING LOAD	0.00		3.20		3.20	UNIT HEATER	1	20*	29
9	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	30
10	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	31
11	20	1	EXISTING LOAD	0.00		0.00		0.00	SPACE			32
12	20	1	-	0.00			0.00	0.00	EXISTING LOAD	1	20	33
13	20	3	WATER HEATER	0.00	0.00			0.00	EXISTING LOAD	1	20	34
14	-	-	-	0.00		0.00		0.00	EXISTING LOAD	1	20	35
15	-	-	-	0.00			0.00	0.00	EXISTING LOAD	1	20	36
16	20	1	PMB	0.00	0.00			0.00	EXISTING LOAD	1	70	37
17			SPACE	0.00		0.00		0.00	EXISTING LOAD	1	20	38
18	20	1	PMB	0.00			0.00	0.00	SPACE			39
19	60	3	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	3	60	40
20	-	-	-	0.00		0.00		0.00	-	-	-	41
21	-	-	-	0.00			0.00	0.00	-	-	-	42
			TOTAL CONNECTED PHASE KVA:		0.00	3.20	0.00					

TOTAL CONNECTED KVA:	3.20
DEMAND OR DESIGN KVA:	3.20
FUTURE KVA:	0.00
TOTAL DEMAND OR DESIGN KVA:	3.20
DEMAND OR DESIGN AMPERES:	3.85

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING 1LD **LOCATION:** CONCOURSE T - APRON LEVEL ELECT. ROOM TS3-1-C18

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 150A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECEPTACLES	0.00	0.00			0.00	MISC	1	20	2
3	20	1	MISC	0.00		0.00		0.00	RECEPTACLES MECH. ROOM	1	20	4
5	20	1	MISC	0.00			0.00	0.00	MISC	1	20	6
7	20	1	MISC	0.00	0.00			0.00	MISC	1	20	8
9	20	1	MISC	0.00		0.00		0.00	MISC	1	20	10
11	20	1	MISC	0.00			0.00	0.00	MISC	1	20	12
13	20	1	POTABLE WATER COL. 55	0.00	0.00			0.00	MISC	1	20	14
15	20	1	MISC	0.00		0.00		0.00	TCP MECH. ROOM	1	20	16
17	20	1	PUMP #8 MECH. ROOM	0.00			0.00	0.00	UNIT HEATER #1	1	20	18
19	20	1	MISC	0.00	0.00			0.00	MISC	1	20	20
21	20	1	MISC	0.00		0.00		0.00	MISC	1	20	22
23	20	1	MISC	0.00			0.00	0.00	MISC	1	20	24
25	20	1	MISC	0.00	0.00			0.00	MISC	1	20	26
27	20	1	MISC	0.00		0.00		0.00	MISC	1	20	28
29	20	1	MISC	0.00			0.00	0.00	SHOP	1	20	30
31	20	1	MISC	0.00	0.00			0.00	T-03 JETBRIDGE KIOSK	2	30	32
33	20	1	MISC	0.00		0.00		0.00	-	-	-	34
35			SPACE	0.00			0.18	0.18	RECEPTACLE MACHINE ROOM	1	20*	36
37			SPACE	0.00	0.00			0.00	MISC.	1	20	38
39			SPACE	0.00		0.70		0.70	VF-TC9	1	20*	40
41			SPACE	0.00			0.50	0.50	HVAC CONTROLS	1	20*	42
			TOTAL CONNECTED PHASE KVA:		0.00	0.70	0.68					

TOTAL CONNECTED KVA:	1.38
DEMAND OR DESIGN KVA:	1.38
FUTURE KVA:	0.00
TOTAL DEMAND OR DESIGN KVA:	1.38
DEMAND OR DESIGN AMPERES:	3.82

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING 1HD **LOCATION:** CONCOURSE T - APRON LEVEL ELECT. RM. TS3-1-C18

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	15	1	LIGHTINGS	0.00	0.00			0.00	EXISTING LOAD	1	15	22
2	15	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	15	23
3	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	24
4	20	1	EXISTING LOAD	0.00	0.00			0.00	ELECT. ROOM LIGHTS	1	20	25
5	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	27
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	28
8	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	29
9	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	30
10	20	1	DT BATTERY CHARGER	0.00	0.00			0.00	EXISTING LOAD	1	20	31
11	20	1	DT BATTERY CHARGER	0.00		0.00		0.00	EXISTING LOAD	1	20	32
12	20	1	DT BATTERY CHARGER	0.00			0.00	0.00	EXISTING LOAD	1	20	33
13	20	1	PIU1.10	0.00	0.00			0.00	TRANSFORMER	3	80	34
14	20	1	PIU 1.9 & 1.11	0.00		0.00		0.00	-	-	-	35
15	20	1	PIU 1.8 & 1.7	0.00			0.00	0.00	-	-	-	36
16	20	3	WATER HEATER	0.00	3.20			3.20	UNIT HEATER	1	20*	37
17	-	-	-	0.00		0.00		0.00	SPACE			38
18	-	-	-	0.00			0.00	0.00	SPACE			39
19			SPACE	0.00	0.00			0.00	SPACE			40
20			SPACE	0.00		0.00		0.00	SPACE			41
21			SPACE	0.00			0.00	0.00	SPACE			42
			TOTAL CONNECTED PHASE KVA:		3.20	0.00	0.00					

TOTAL CONNECTED KVA:	3.20
DEMAND OR DESIGN KVA:	3.20
FUTURE KVA:	0.00
TOTAL DEMAND OR DESIGN KVA:	3.20
DEMAND OR DESIGN AMPERES:	3.85

AMPERES INTERRUPTING RATING: EXISTING

SWITCHBOARD TS6-1-E3-N-H-SB1-S1T/S2T (1DSA) SCHEDULE

MAINS: 1600A MCB VOLTAGE: 480Y/277V PHASE: 3 WIRES: 4 AMPERES INTERRUPTING RATING: EXISTING

NO.	SERVING	CONN. KVA	BREAKER FRAME	BREAKER TRIP	BREAKER POLES	REMARKS
1	TS6-1-E3-N-L-PP1-S1T/S2T	1.20	100	50	3	
2	AHU-15			30	3	
3	ELEVATOR			50	3	
4	CIRC. PUMP			30	3	
5	SPARE			100		
6	SPARE			100		
7	JETWAY 6			100	3	
8	JETWAY 7			100	3	
9	A/C STORAGE ROOM			100	3	
10	JETWAY 5			100	3	
11	PNL HDCT			100	3	
12	PNL 1HA			200	3	
13	TS6-3-E3,N-H-PP1-S1T/S2T			600	3	
14	TS6-2-C1,N-H-PP1-S1T/S2T			600	3	

TOTAL CONNECTED kVA:	1.20	TOTAL DEMAND OR DESIGN kVA:	1.20
DEMAND OR DESIGN kVA:	1.20	DEMAND OR DESIGN AMPERES:	1.44
FUTURE kVA:	0.00		

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

CITY OF ATLANTA, GEORGIA

Hartsfield-Jackson Atlanta International Airport

HSST

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RICHARD WITTSCHIEBE HAND ARCHITECTS
15 SIMPSON STREET
ATLANTA, GA 30308
PHONE: 404.688.2200
FAX: 404.688.2400

SEAL

PHASE 3 VERTICAL TRANSPORTATION

HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PANELBOARD SCHEDULE - CONCOURSE T

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE:
	SHEET NO: E9.0.3

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.4 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0730600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:49PM

PANELBOARD: EXISTING VPA **LOCATION:** TERMINAL - APRON LEVEL ELECT. RM. TC1-1-C1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 300A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	90	3	ELEVATOR	0.00	0.00			0.00	MAIN BREAKER	3	300	2
3	-	-	-	0.00		0.00		0.00	-	-	-	4
5	-	-	-	0.00			0.00	0.00	-	-	-	6
7	70	3	AHU-4	0.00	0.00			0.00	ESCALATOR #3	3	60	8
9	-	-	-	0.00		0.00		0.00	-	-	-	10
11	-	-	-	0.00			0.00	0.00	-	-	-	12
13	60	3	ESCALATOR #1	0.00	0.00			0.00	EXISTING LOAD	3	50	14
15	-	-	-	0.00		0.00		0.00	-	-	-	16
17	-	-	-	0.00			0.00	0.00	-	-	-	18
19	30	3	TRASH COMPACTOR	0.00	0.00			0.00	ESCALATOR #4	3	35	20
21	-	-	-	0.00		0.00		0.00	-	-	-	22
23	-	-	-	0.00			0.00	0.00	-	-	-	24
25	35	3	ESCALATOR #2	0.00	0.00			0.00	TRANSFORMER	3	15	26
27	-	-	-	0.00		0.00		0.00	-	-	-	28
29	-	-	-	0.00			0.00	0.00	-	-	-	30
31	20	3	LIGHTING	0.00	11.96			11.96	VPA2	3	50*	32
33	-	-	-	0.00		8.76		8.76	-	-	-	34
35	-	-	-	0.00			5.76	5.76	-	-	-	36
37	50	3	ESC	0.00	0.00			0.00	SPACE			38
39	-	-	-	0.00		0.00		0.00				40
41	-	-	-	0.00			0.00	0.00				42

TOTAL CONNECTED PHASE KVA:	11.96	8.76	5.76
TOTAL CONNECTED KVA:	26.48		
DEMAND OR DESIGN KVA:	16.52		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	16.52		
DEMAND OR DESIGN AMPERES:	19.87		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: NEW VPA2 **LOCATION:** TERMINAL - APRON LEVEL ELECT. RM. TC1-1-C1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 100A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	VAV NORTH	5.00	8.32			3.32	PAC-TC12 & 13	3	20	2
3	20	1	VAV SOUTH	5.00		8.32		3.32	-	-	-	4
5	20	1	EXISTING LOAD	2.00			5.32	3.32	-	-	-	6
7			SPACE	0.00	3.20			3.20	UH-TC12	1	20	8
9			SPACE	0.00		0.44		0.44	EVF-TC12	3	20	10
11			SPACE	0.00			0.44	0.44	-	-	-	12
13			SPACE	0.00	0.44			0.44	-	-	-	14
15			SPACE	0.00		0.00		0.00	SPACE			16
17			SPACE	0.00			0.00	0.00	SPACE			18
19			SPACE	0.00	0.00			0.00	SPACE			20
21			SPACE	0.00		0.00		0.00	SPACE			22
23			SPACE	0.00			0.00	0.00	SPACE			24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30
31			SPACE	0.00	0.00			0.00	SPACE			32
33			SPACE	0.00		0.00		0.00	SPACE			34
35			SPACE	0.00			0.00	0.00	SPACE			36
37			SPACE	0.00	0.00			0.00	SPACE			38
39			SPACE	0.00		0.00		0.00	SPACE			40
41			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	11.96	8.76	5.76
TOTAL CONNECTED KVA:	26.48		
DEMAND OR DESIGN KVA:	16.52		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	16.52		
DEMAND OR DESIGN AMPERES:	19.87		

AMPERES INTERRUPTING RATING:

PANELBOARD: EXISTING VLA **LOCATION:** TERMINAL - APRON LEVEL ELECT. RM. TC1-1-C1

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 30A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	ELEV. PIT LIGHT	0.00	0.00			0.00	RECPT - ROOF & PENTHOUSE	1	20	2
3	20	1	ELEV. PIT RECPT.	0.00		0.00		0.00	ELEVATOR LIGHTS	1	20	4
5	20	1	RECPT & LIGHT ESCALATOR	0.00			0.00	0.00	ELEVATOR LIGHTS	1	20	6
7	20	1	REC. APRON & BOARDING	0.00	0.00			0.00	TEL. BACKBOARD	1	20	8
9	20	1	RECPT/LIGHT AHU-4	0.00		0.00		0.00	ROLL FILTER AHU #4	1	20	10
11	20	1	SF-1	0.00			0.00	0.00	HEAT PUMP	1	20	12
13	20	1	SPARE	0.00	0.00			0.00	AHU-4 CONTROLS	1	20	14
15	20	1	PRESSURE WASHER	0.00		0.00		0.00	TCE3 RECPT.	1	20	16
17	20	1	HEAT TRACE COMPACTOR	0.00			0.00	0.00	GFCI	1	20	18
19	*20	1	HVAC CONTROL	0.50	0.50			0.00	SPACE			20
21	20	1	ANTENNA N.E.	0.00		0.00		0.00	SPACE			22
23	30	1	DELTA PRESSURE WASHER	0.00			0.00	0.00	SPACE			24

TOTAL CONNECTED PHASE KVA:	0.50	0.00	0.00
TOTAL CONNECTED KVA:	0.50		
DEMAND OR DESIGN KVA:	0.50		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	0.50		
DEMAND OR DESIGN AMPERES:	1.39		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING LPA-15 **LOCATION:** CONCOURSE A - APRON LEVEL ELECT. RM. AS17-1F1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	3	OFFICE LTS.	0.00	0.00			0.00	SPACE			22
2	-	-	-	0.00		0.00		0.00	SPACE			23
3	-	-	-	0.00			0.00	0.00	SPACE			24
4	20	1	SPARE	0.00	0.00			0.00	AIR COMPRESSOR	3	20	25
5	20	1	SPARE	0.00		0.00		0.00	-	-	-	26
6	20	1	SPARE	0.00			0.00	0.00	-	-	-	27
7	20	3	OFFICE LTS.	0.00	0.00			0.00	OFFICE LTS.	3	20	28
8	-	-	-	0.00		0.00		0.00	-	-	-	29
9	-	-	-	0.00			0.00	0.00	-	-	-	30
10	20	3	WATER HEATER	0.00	0.00			0.00	CENTER POWER LTS	3	20	31
11	-	-	-	0.00		0.00		0.00	-	-	-	32
12	-	-	-	0.00			0.00	0.00	-	-	-	33
13	20	1	MECH. RM. LTS	0.00	0.00			0.00	LT RELAY CONTROLS	1	20	34
14			SPACE	0.00		0.00		0.00	GENERATOR RM. LTS.	1	20	35
15			SPACE	0.00			0.00	0.00	ELECT. RM. LTS	1	20	36
16	50	2	COMMUNICATION ROOM	0.00	0.00			0.00	OFFICE LTS.	1	20	37
17	-	-	-	0.00		0.00		0.00	AIR COMPRESSOR	2	20	38
18	*20	1	UH-A1	3.20			3.20	0.00	-	-	-	39
19			SPACE	0.00	0.00			0.00	SPACE	1	20	40
20			SPACE	0.00		0.00		0.00	SPACE	1	20	41
21			SPACE	0.00			0.00	0.00	SPACE	1	20	42

TOTAL CONNECTED PHASE KVA:	0.00	0.00	3.20
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING RPA-RC **LOCATION:** CONCOURSE A- APRON LEVEL ELECT. RM. AS17-1-C1

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	ICE MACHINE	1	20	10
2	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	11
3	20	1	EXISTING LOAD	0.00			0.70	0.70	VF-A1	1	20*	12
4	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	13
5	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	14
6	20	1	EXISTING LOAD	0.00			0.50	0.50	HVAC CONTROLS	1	20*	15
7			SPACE	0.00	0.00			0.00	EXISTING LOAD	3	40	16
8			SPACE	0.00		0.00		0.00	-	-	-	17
9			SPACE	0.00			0.00	0.00	-	-	-	18

TOTAL CONNECTED PHASE KVA:	0.00	0.00	1.20
TOTAL CONNECTED KVA:	1.20		
DEMAND OR DESIGN KVA:	1.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	1.20		
DEMAND OR DESIGN AMPERES:	3.32		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING HLPAW **LOCATION:** CONCOURSE A - BOARDING LEVEL ELECT. RM. AC2-2-D3

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	SPACE	1	20	2
3	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	4
5	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	6
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	12
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	14
15	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	16
17	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	18
19	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	20
21	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	22
23	20	1	EXISTING LOAD	0.00			0.00	0.00	SPACE	1	20	24
25	20	1	EXISTING LOAD	0.00	0.00			0.00	SPACE	1	20	26
27	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	3	20	28
29	20	1	EXISTING LOAD	0.00			0.00	0.00	-	-	-	30
31	20	1	EXISTING LOAD	0.00	0.00			0.00	-	-	-	32
33	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	3	100	34
35	20	1	EXISTING LOAD	0.00			0.00	0.00				36
37	20	1	EXISTING LOAD	0.00	0.00			0.00	-	-	-	38
39	20	1	EXISTING LOAD	0.00		0.00		0.00	SPACE	1	20	40
41	20	1	EXISTING LOAD	0.00			0.00	0.00	SPACE	1	20	42
43	*20	1	UH-A10	3.20	3.20			0.00	SPACE	1	20	44

TOTAL CONNECTED PHASE KVA:	3.20	0.00	0.00
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING: EXISTING

KEYED NOTES:

1. EXISTING LOADS RELOCATED FROM PANEL VPA. PROVIDE NEW BREAKERS AND REWIRE TO SPACES IN NEW PANEL.

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

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Hartsfield-Jackson Atlanta International Airport

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL
PANELBOARD
SCHEDULES -
CONCOURSE T & A

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.4

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mbrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.5 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:50PM

PANELBOARD: EXISTING AC2-1-J1, N-L-PP1-S3A **LOCATION:** CONCOURSE A - APRON LEVEL ELECT. ROOM AC2-1-J1

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	45	2	CU-A-AC2	0.00	0.00			0.00	SPARE	1	20	2
3	-	-	-	0.00		0.00		0.00	SPARE	1	20	4
5	20	1	SPARE	0.00			0.00	0.00	SPARE	1	20	6
7	20	1	SPARE	0.00	0.00			0.00	SPARE	1	20	8
9	20	1	SPARE	0.00		0.00		0.00	SPARE	1	20	10
11	20	1	SPARE	0.00			0.00	0.00	SPACE			12
13	*20	1	HVAC CONTROL	0.50	0.50			0.00	SPACE			14
15	*20	1	VF-A10	0.70		0.70		0.00	SPACE			16
17	*30	2	DSCU-A10	1.50			1.50	0.00	SPACE			18
19	-	-	-	1.50	1.50			0.00	SPACE			20
21			SPACE	0.00		0.00		0.00	SPACE			22
23			SPACE	0.00			0.00	0.00	SPACE			24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30

TOTAL CONNECTED PHASE KVA:	2.00	0.70	1.50
TOTAL CONNECTED KVA:	4.20		
DEMAND OR DESIGN KVA:	4.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	4.20		
DEMAND OR DESIGN AMPERES:	11.65		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING HLPAE **LOCATION:** CONCOURSE A - APRON LEVEL ELECT. RM. AC1-S-B5

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	E APRON LV LITS	0.00	0.00			0.00	ELEV. SHAFT LGTS	1	20	22
2	20	1	E APRON LV LITS	0.00		0.00		0.00	LGTS ON STEPS	1	20	23
3	20	1	E APRON LV LITS	0.00			0.00	0.00	LGTS ON STEPS	1	20	24
4	20	1	E APRON LV LITS	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	S BRD LV SK LGT	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	20	1	N BRD LV SKY LGT	0.00			0.00	0.00	15KVA TRANSFORMER	3	30	27
7	20	1	S MEZZ LV SKY LGT	0.00	0.00			0.00	-	-	-	28
8	20	1	N MEZZ LV SKY LGT	0.00		0.00		0.00	-	-	-	29
9	20	1	S CROWN RM LV SKY LGT	0.00			3.20	3.20	UH-A6	1	20*	30
10	20	1	N CROWN RM LV SKY LGT	0.00	3.20			3.20	UH-A7	1	20*	31
11	20	1	N BRD LV LGTS	0.00		3.20		3.20	UH-A8	1	20*	32
12	20	1	EXISTING LOAD	0.00			0.00	0.00	SPACE			33
13	20	1	EXISTING LOAD	0.00	0.00			0.00	SPACE			34
14	20	1	ELEV RM LGTS	0.00		0.00		0.00	SPACE			35
15	20	1	ELEV SHAFT LGT	0.00			0.00	0.00	SPACE			36
16	20	1	S-BRD LV LGTS	0.00	0.00			0.00	SPACE			37
17	20	1	FLOUR LGT OVER ESC	0.00		0.00		0.00	EXISTING LOAD	1	20	38
18	20	1	FLOUR LGT OVER ESC	0.00			0.00	0.00	EXISTING LOAD	1	20	39
19	20	1	LIGHTED SIGN	0.00	0.00			0.00	EXISTING LOAD	1	20	40
20	20	1	LIGHTED SIGN	0.00		0.00		0.00	EXISTING LOAD	1	20	41
21	20	1	ELEV RM. LIGHTS	0.00			0.00	0.00	EXISTING LOAD	1	20	42

TOTAL CONNECTED PHASE KVA:	3.20	3.20	3.20
TOTAL CONNECTED KVA:	9.60		
DEMAND OR DESIGN KVA:	9.60		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	9.60		
DEMAND OR DESIGN AMPERES:	11.55		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPAE **LOCATION:** CONCOURSE A-BOARDING LEVEL ELEC RM AC11-1-E1-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXSITING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	22
2	20	1	EXSITING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	23
3	20	1	EXSITING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	24
4	20	1	EXSITING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	EXSITING LOAD	0.00		0.00		0.00	EXISTING LOAD	3	20	26
6	20	1	EXSITING LOAD	0.00			0.00	0.00	-	-	-	27
7	20	1	EXSITING LOAD	0.00	0.00			0.00	-	-	-	28
8	20	1	EXSITING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	29
9	20	1	EXSITING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	30
10	20	1	EXSITING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	31
11	20	1	EXSITING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	32
12	20	1	EXSITING LOAD	0.00			1.50	1.50	DSCU-A6	2	30*	33
13	20	1	EXSITING LOAD	0.00	1.50			1.50	-	-	-	34
14	20	1	EXSITING LOAD	0.00		1.50		1.50	DSCU-A7	2	30*	35
15	20	1	EXSITING LOAD	0.00			1.50	1.50	-	-	-	36
16	20	1	EXSITING LOAD	0.00	1.50			1.50	DSCU-A8	2	30*	37
17	20	1	SPACE	0.00		1.50		1.50	-	-	-	38
18	20	1	EXSITING LOAD	0.00			0.70	0.70	VF-A6	1	20*	39
19	20	1	EXSITING LOAD	0.00	0.70			0.70	VF-A7	1	20*	40
20	*20	1	HVAC CONTROL-A8	0.50		1.20		0.70	VF-A8	1	20*	41
21	*20	1	HVAC CONTROL-A7	0.50			1.00	0.50	HVAC CONTROL- A6	1	20*	42

TOTAL CONNECTED PHASE KVA:	3.70	4.20	4.70
TOTAL CONNECTED KVA:	12.59		
DEMAND OR DESIGN KVA:	12.59		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	12.59		
DEMAND OR DESIGN AMPERES:	34.94		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPA-23 **LOCATION:** CONCOURSE A - BOARDING LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	LIGHTING	0.00	0.00			0.00	LIGHTING	1	20	22
2	20	1	LIGHTING	0.00		0.00		0.00	LIGHTING	1	20	23
3	20	1	LIGHTING	0.00			0.00	0.00	LIGHTING	1	20	24
4	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	LIGHTING	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	20	1	LIGHTING	0.00			0.00	0.00	EXISTING LOAD	1	20	27
7	20	1	LIGHTING	0.00	0.00			0.00	EXISTING LOAD	3	60	28
8	20	1	LIGHTING	0.00		0.00		0.00	-	-	-	29
9	20	1	LIGHTING	0.00			0.00	0.00	-	-	-	30
10	20	1	LIGHTING	0.00	0.00			0.00	EXISTING LOAD	1	20	31
11	20	1	LIGHTING	0.00		0.00		0.00	EWH-19A	1	20	32
12	20	1	LIGHTING	0.00			0.00	0.00	EXISTING LOAD	1	20	33
13	20	1	LIGHTING	0.00	0.00			0.00	EXISTING LOAD	1	20	34
14	20	1	EXISTING LOADS	0.00		3.20		3.20	UH-A4	1	20*	35
15	20	1	EXISTING LOADS	0.00			0.00	0.00	SPACE	1	20	36
16	40	3	EXISTING LOADS	0.00	0.00			0.00	SPACE	1	20	37
17	-	-	-	0.00		0.00		0.00	SPACE	1	20	38
18	-	-	-	0.00			0.00	0.00	SPACE	1	20	39
19	70	3	EXISTING LOADS	0.00	0.00			0.00	SPACE	1	20	40
20	-	-	-	0.00		0.00		0.00	SPACE	1	20	41
21	-	-	-	0.00			0.00	0.00	SPACE	1	20	42

TOTAL CONNECTED PHASE KVA:	0.00	3.20	0.00
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RPA 1DD **LOCATION:** CONCOURSE A BOARDING LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 60A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	FIDS COMPUTER	0.00	0.00			0.00	GATE A-8	1	20	2
3	20	1	FIDS MONITOR TICKET COUNTER	0.00		0.00		0.00	FATE A-10	1	20	4
5	20	1	FIDS MONITOR TICKET COUNTER	0.00			0.00	0.00	GATE A-11	1	20	6
7	20	1	FIDS MONITOR TICKET COUNTER	0.00	0.00			0.00	GATE A-13	1	20	8
9	20	1	FIDS FREE STANDING MONITORS	0.00		0.00		0.00	GATE A-12	1	20	10
11	20	1	FIDS FREE STANDING MONITORS	0.00			0.00	0.00	GATE A-15	1	20	12
13	20	1	FIDS FREE STANDING MONITORS	0.00	0.00			0.00	GATE A-16	1	20	14
15	20	1	24V CONTROL PANEL	0.00		0.00		0.00	SPACE			16
17	*20	1	HVAC CONTROLS	0.50			0.50	0.00	SPACE			18
19	*20	1	VF-A4	0.70	0.70			0.00	SPACE			20
21	*30	2	DSCU-A4	1.50		1.50		0.00	SPACE			22
23	-	-	-	1.50			1.50	0.00	SPACE			24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30

TOTAL CONNECTED PHASE KVA:	0.70	1.50	2.00
TOTAL CONNECTED KVA:	4.20		
DEMAND OR DESIGN KVA:	4.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	4.20		
DEMAND OR DESIGN AMPERES:	11.65		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPA-28 **LOCATION:** CONCOURSE A - BOARDING LEVEL ELECT. RM. AN29-2-A2

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	2
3	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	4
5	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	6
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	12
13	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	14
15	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	16
17	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	18
19	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	20
21	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	22
23	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	24
25	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	26
27	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	28
29	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	30
31	20	1	EXISTING LOAD	0.00	3.20			3.20	UH-A5	1	20*	32
33	20	1	SPACE	0.00		0.00		0.00	SPACE	1	20	34
35	20	1	SPACE	0.00			0.00	0.00	SPACE	1	20	36
37	70	3	TRANSFORMER	0.00	0.00			0.00	SPACE	1	20	38
39	-	-	-	0.00		0.00		0.00	SPACE	1	20	40
41	-	-	-	0.00			0.00	0.00	SPACE	1	20	42

TOTAL CONNECTED PHASE KVA:	3.20	0.00	0.00
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING:
EXISTING

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

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Hartsfield-Jackson Atlanta International Airport

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL
PANELBOARD
SCHEDULES -
CONCOURSE A

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.5

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.6 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0730602_04-00-PROJ_DATA\Atlas\TOUP.pen 1:51PM

PANELBOARD: EXISTING RPA-2H — LOCATION: CONCOURSE A- BOARDING LEVEL ELECT. RM. AN29-2-A2

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECEPTACLES	0.00	0.00			0.00	WI-FI	1	20	2
3	20	1	RECEPTACLES	0.00		0.00		0.00	RECEPTACLES	1	20	4
5	20	1	EXISTING LOADS	0.00			0.00	0.00	POWER POLE A-31	1	20	6
7	30	1	RECEPTACLES	0.00	0.50			0.50	HVAC CONTROL	1	20*	8
9	20	1	RECEPTACLES	0.00		0.70		0.70	VF-A5	1	20*	10
11	20	1	RECEPTACLES	0.00			0.00	0.00	EXISTING LOADS	1	20	12
13	20	1		0.00	0.00			0.00	FCU 52A	1	20	14
15	20	-	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	3	20	16
17	-	-	-	0.00			0.00	0.00	-	-	-	18
19	20	3	EXISTING LOADS	0.00	0.00			0.00	-	-	-	20
21	-	-	-	0.00		0.00		0.00	EXISTING LOADS	3	20	22
23	-	-	-	0.00			0.00	0.00	-	-	-	24
25	20	1	EXISTING LOADS	0.00	0.00			0.00	-	-	-	26
27	20	1	EXISTING LOADS	0.00		0.00		0.00	RIDS A28	1	20	28
29	20	1	EXISTING LOADS	0.00			0.00	0.00	RIDS A25	1	20	30
31	20	2	EXISTING LOADS	0.00	0.00			0.00	RIDS A27	1	20	32
33	-	-	-	0.00		0.00		0.00	RIDS A29	1	20	34
35	20	1	POWER POLE A-27, A-29	0.00			0.00	0.00	RIDS A30	1	20	36
37	20	1	EXISTING LOADS	0.00	0.00			0.00	RIDS A32	1	20	38
39	20	1	POWER POLE A-30	0.00		1.50		1.50	DSCU-A5	2	30*	40
41	20	1	POWER POLE A-29	0.00			1.50	1.50	-	-	-	42

TOTAL CONNECTED PHASE KVA:	0.50	2.20	1.50
TOTAL CONNECTED KVA:	4.20		
DEMAND OR DESIGN KVA:	4.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	4.20		
DEMAND OR DESIGN AMPERES:	11.65		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RP-BBC — LOCATION: ELEVATOR MACHINE ROOM B2

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100 MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	2
3	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	4
5	20	1	EXISTING LOAD	0.00			0.00	0.00	SPACE			6
7	*30	2	DSCU-B2	1.50	1.50			0.00	SPACE			8
9	-	-	-	1.50		1.50		0.00	SPACE			10
11	*20	1	CP-1 RECEPTACLE	0.50			0.50	0.00	SPACE			12
13			SPACE	0.00	0.00			0.00	SPACE			14
15			SPACE	0.00		0.00		0.00	SPACE			16
17			SPACE	0.00			0.00	0.00	SPACE			18

TOTAL CONNECTED PHASE KVA:	1.50	1.50	0.50
TOTAL CONNECTED KVA:	3.50		
DEMAND OR DESIGN KVA:	3.50		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.50		
DEMAND OR DESIGN AMPERES:	9.72		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RP-EB1D — LOCATION: ELEVATOR MACHINE ROOM DN25-1-B1

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 50A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	2
3	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	4
5	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	6
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	12
13	*20	1	VF-04	0.70	0.88			0.18	RECEPTACLE MACHINE RM	1	20*	14
15	*20	1	HVAC CONTROL	0.50		0.50		0.00	SPACE			16
17	*30	2	DSCU-B4	1.50			1.50	0.00	SPACE			18
19	-	-	-	1.50	1.50			0.00	SPACE			20
21	*30	2	UH-B4	1.50		1.50		0.00	SPACE			22
23	-	-	-	1.50			1.50	0.00	SPACE			24

TOTAL CONNECTED PHASE KVA:	2.38	2.00	3.00
TOTAL CONNECTED KVA:	7.38		
DEMAND OR DESIGN KVA:	4.38		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	4.38		
DEMAND OR DESIGN AMPERES:	12.15		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPB-114 — LOCATION: CONCOURSE B - APRON LEVEL ELECT. RM. BN33-1-C2-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 250A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	3	LIGHTING	0.00	0.00			0.00	B36 OIL WATER SEPERATOR	3	20	2
3	-	-	-	0.00		0.00		0.00	-	-	-	4
5	-	-	-	0.00			0.00	0.00	-	-	-	6
7	20	3	LIGHTING	0.00	0.00			0.00	BN33-1-C2-N-L-CP1-S1B	3	50	8
9	-	-	-	0.00		0.00		0.00	-	-	-	10
11	-	-	-	0.00			0.00	0.00	-	-	-	12
13	20	1	LIGHTS LOCKER ROOM	0.00	0.00			0.00	RPB-1F	3	50	14
15	20	1	LIGHTS ELEVATOR EQUIP RM	0.00		0.00		0.00	-	-	-	16
17	20	1	SPARE	0.00			0.00	0.00	-	-	-	18
19	20	3	AIR COMP FIRE PUMP RM	0.00	0.00			0.00	RPB-2M	3	40	20
21	-	-	-	0.00		0.00		0.00	-	-	-	22
23	-	-	-	0.00			0.00	0.00	-	-	-	24
25	100	3	LPB-30	0.00	0.00			0.00	SPARE	3	35	26
27	-	-	-	0.00		0.00		0.00	-	-	-	28
29	-	-	-	0.00			0.00	0.00	-	-	-	30
31	*20	1	UH-B7	3.20	3.20			0.00	SPACE			32
33			SPACE	0.00		0.00		0.00	SPACE			34
35			SPACE	0.00			0.00	0.00	SPACE			36
37			SPACE	0.00	0.00			0.00	SPACE			38
39			SPACE	0.00		0.00		0.00	SPACE			40
41			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	3.20	0.00	0.00
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING BN33-1-C2-N-L-LP1-S1B PANEL B — LOCATION: CONCOURSE B APRON LEVEL-ELECT. RM. BN33-1-C2-A

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 150A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	OSCILATIONG FANS	0.00	0.00			0.00	GATE 31	1	20	2
3	20	1	OSCILATIONG FANS	0.00		0.00		0.00	GATE 33	1	20	4
5	20	1	LOCKER RM. RECEPTACLES	0.00			0.00	0.00	GATE34	1	20	6
7	20	1	MEN'S LOCKER RM. RECEPTACLES	0.00	0.00			0.00	MISC.	1	20	8
9	20	1	B-34 JETBRIDGE KIOSK	0.00		0.00		0.00	BHS ATR RM. RECEPTACLES	1	20	10
11	20	1	LOCKER RM. EXHAUST FAN	0.00			0.00	0.00	WOMEN'S RESTROOM RECPTACLES	1	20	12
13	20	1	B-36 JETBRIDGE KIOSK	0.00	0.00			0.00	WOMEN'S RESTROOM RECPTACLES	1	20	14
15	20	1	WIDGET RECEPTACLES	0.00		0.00		0.00	MISC.	1	20	16
17	20	1	WOMEN'S RESTROOM RECEPTACLE	0.00			0.00	0.00	MISC.	1	20	18
19	20	1	MEN'S LOCKER RM. RECEPTACLES	0.00	0.00			0.00	MISC.	1	20	20
21	20	1	MEN'S RESTRM UNDERSINK RECPT	0.00		0.00		0.00	MISC.	1	20	22
23	20	1	WOMEN'S RESTROOM RECEPTACLE	0.00			0.00	0.00	PL OFFICE RECEPTACLES	1	20	24
25	20	1	SPARE	0.00	0.00			0.00	MISC.	1	20	26
27	20	1	B-33 JETBRIDGE KIOSK	0.00		0.00		0.00	MISC.	1	20	28
29	20	1	B-33 JETBRIDGE KIOSK	0.00			0.00	0.00	MISC.	1	20	30
31	20	1	B-33 JETBRIDGE KIOSK	0.00	0.00			0.00	B-32 JETBRIDGE KIOSK	1	20	32
33	20	1	B-33 JETBRIDGE KIOSK	0.00		0.00		0.00	B-32 JETBRIDGE KIOSK	1	20	34
35	20	1	B-33 JETBRIDGE KIOSK	0.00			0.00	0.00	P.L. OFFICE RECEPTACLES	1	20	36
37	20	1	EXISTING LOAD	0.00	0.00			0.00	P.L. OFFICE RECEPTACLES	1	20	38
39	*20	1	HVAC CONTROL	0.50		2.00		1.50	DSCU-B7	2	30*	40
41	*20	1	VF-B7	0.70			2.20	1.50	-	-	-	42

TOTAL CONNECTED PHASE KVA:	0.00	2.00	2.20
TOTAL CONNECTED KVA:	4.20		
DEMAND OR DESIGN KVA:	4.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	4.20		
DEMAND OR DESIGN AMPERES:	11.65		

AMPERES INTERRUPTING RATING:
EXISTING

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

CITY OF ATLANTA, GEORGIA
Hartsfield-Jackson Atlanta International Airport

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL
PANELBOARD
SCHEDULES -
CONCOURSE A & B

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.6

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.7 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0730600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:51PM

PANELBOARD: EXISTING BWX-BRP **LOCATION:** CONCOURSE B-ELECT. ROOM BWX

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 150A MCB
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECEPT	1.00	2.00			1.00	EXISTING	1	20	22
2	20	1	RECEPT	1.10		1.90		0.80	EXISTING	1	20	23
3	20	1	RECEPT	0.90			0.90	0.00	SPACE	1		24
4	20	1	RECEPT	1.30	1.30			0.00	SPACE	1		25
5	20	1	RECEPT	0.90		2.40		1.50	EXISTING	1	20	26
6	20	1	RECEPT	1.08			2.18	1.10	EXISTING	1	20	27
7	20	1	RECEPT	1.08	2.28			1.20	EXISTING	1	20	28
8	20	1	HEATERS	1.00		1.00		0.00	SPACE	1		29
9	20	1	LIGHT AIR RM	1.20			2.20	1.00	FLIGHT MONITOR	1	20	30
10	20	1	ROLL FILTER	1.20	2.20			1.00	FLIGHT MONITOR	1	20	31
11	20	1	ROLL FILTER	1.20		2.20		1.00	FLIGHT MONITOR	1	20	32
12	20	1	EAHAUST FAN	1.18			2.18	1.00	FLIGHT MONITOR	1	20	33
13	20	1	EXISTING	1.10	2.20			1.10	EXISTING	1	20	34
14	20	1	EXISTING	1.20		2.50		1.30	EXISTING	1	20	35
15	20	1	EXISTING	1.00			2.20	1.20	EXISTING	1	20	36
16	20	1	HVAC CONTROLS	0.50	1.50			1.00	EXISTING	1	20	37
17	20	1	EF-B6	0.86		0.86		0.00	SPACE			38
18		1	SPACE	0.00			0.00	0.00	SPACE			39
19		1	SPACE	0.00	0.70			0.70	VF-B3	1	20*	40
20		1	SPACE	0.00		0.50		0.50	HVAC CONTROLS	1	20*	41
21		1	SPACE	0.00			0.18	0.18	RECEPTACLE ELEV. MACHINE RM.	1	20*	42
			TOTAL CONNECTED PHASE KVA:		12.18	11.36	9.84					
			TOTAL CONNECTED KVA:		33.38							
			DEMAND OR DESIGN KVA:		34.68							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		34.68							
			DEMAND OR DESIGN AMPERES:		96.25							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPB-210 **LOCATION:** CONCOURSE B- BOARDING LEVEL ELECT. ROOM BS10-2-B2

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	1	20	2
3	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	4
5	20	1	EXISTING LOADS	0.00			0.00	0.00	EXISTING LOADS	1	20	6
7	20	1	EXISTING LOADS	0.00	3.20			3.20	UH-B8	1	20*	8
9	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	10
11	20	1	EXISTING LOADS	0.00			0.00	0.00	SPACE			12
13	20	1	EXISTING LOADS	0.00	0.00			0.00	EXISTING LOADS	1	20	14
15	20	1	EXISTING LOADS	0.00		0.00		0.00	EXISTING LOADS	1	20	16
17	20	1	EXISTING LOADS	0.00			0.00	0.00	EXISTING LOADS	1	20	18
19	70	3	TRANSFORMER	0.00	0.00			0.00	EXISTING LOADS	1	20	20
21	-	-		0.00		0.00		0.00	EXISTING LOADS	1	20	22
23	-	-	-	0.00			0.00	0.00	EXISTING LOADS	1	20	24
25	20	1	EXISTING LOADS	0.00	0.00			0.00	SPACE			26
27	20	1	EXISTING LOADS	0.00		0.00		0.00	SPACE			28
29	20	1	EXISTING LOADS	0.00			0.00	0.00	SPACE			30
			TOTAL CONNECTED PHASE KVA:		3.20	0.00	0.00					
			TOTAL CONNECTED KVA:		3.20							
			DEMAND OR DESIGN KVA:		3.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.20							
			DEMAND OR DESIGN AMPERES:		3.85							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RP-B2K **LOCATION:** CONCOURSE B - BOARDING LEVEL ELECT. RM. BS10-2-B2

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECEPTACLES	0.00	0.70			0.70	VF-B8	1	20*	16
2	20	1	RECEPTACLES	0.00		1.50		1.50	DSCU-B8	2	30*	17
3	20	1	RECEPTACLES	0.00			1.50	1.50	-	-	-	18
4	*20	1	HVAC CONTROL	0.50	0.50			0.00	SPACE	1	20	19
5	20	1	LIGHTINGS	0.00		0.00		0.00	SPACE	1	20	20
6	20	1	LIGHTINGS	0.00			0.00	0.00	SPACE	1	20	21
7	20	1	LIGHTINGS	0.00	0.00			0.00	RECEPTACLES	1	20	22
8	20	1	RECEPTACLES	0.00		0.00		0.00	RECEPTACLES	1	20	23
9	20	1	RECEPTACLES	0.00			0.00	0.00	RECEPTACLES	1	20	24
10	20	1	RECEPTACLES	0.00	0.00			0.00	RECEPTACLES	1	20	25
11	20	1	RECEPTACLES	0.00		0.00		0.00	RECEPTACLES	1	20	26
12	20	1	RECEPTACLES	0.00			0.00	0.00	RECEPTACLES	1	20	27
13	20	3	FAN COIL UNIT 21B, 22B, 40B	0.00	0.00			0.00	FAN COIL UNIT 39B, 38B	3	20	28
14	-	-	-	0.00		0.00		0.00	-	-	-	29
15	-	-	-	0.00			0.00	0.00	-	-	-	30
			TOTAL CONNECTED PHASE KVA:		1.20	1.50	1.50					
			TOTAL CONNECTED KVA:		4.20							
			DEMAND OR DESIGN KVA:		4.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		4.20							
			DEMAND OR DESIGN AMPERES:		11.65							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RP-CBC **LOCATION:** ELEVATOR MACHINE ROOM C4

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100 MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	RECEPT. ELEV. RM	0.00	0.00			0.00	ELEV. PIT LGTS & RECEPT	1	20	2
3	20	1	120V ELEV. POWER	0.00		0.00		0.00	EXHAUST FAN	1	20	4
5	20	1	120V ELEV. POWER	0.00			0.00	0.00	EXISTING LOAD	1	20	6
7	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	8
9	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	10
11	20	1	EXISTING LOAD	0.00			1.50	1.50	DSCU-C4	2	30*	12
13			SPACE	0.00	1.50			1.50	-	-	-	14
15			SPACE	0.00		0.50		0.50	CP-1 RECEPTACLE	1	20*	16
17			SPACE	0.00			0.00	0.00	SPACE			18
			TOTAL CONNECTED PHASE KVA:		1.50	0.50	1.50					
			TOTAL CONNECTED KVA:		3.50							
			DEMAND OR DESIGN KVA:		3.50							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.50							
			DEMAND OR DESIGN AMPERES:		9.72							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING LPC 18 **LOCATION:** CONCOURSE C - APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
1
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	3	EXISTING LOAD	0.00	0.00			0.00	SPACE			22
2	-	-		0.00		0.00		0.00	SPACE			23
3	-	-		0.00			0.00	0.00	EXISTING LOAD	2	20	24
4	20	3	EXISTING LOAD	0.00	0.00			0.00		-		25
5	-	-		0.00		0.00		0.00	EXISTING LOAD	2	20	26
6				0.00			0.00	0.00		-		27
7	20	3	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	28
8	-	-	-	0.00		0.00		0.00	EXISTING LOAD	1	20	29
9				0.00			0.00	0.00	EXISTING LOAD	3	20	30
10	20	3	EXISTING LOAD	0.00	0.00			0.00	-	-	-	31
11	-	-		0.00		0.00		0.00		-		32
12				0.00			0.00	0.00	EXISTING LOAD	3	20	33
13	20	2	EXISTING LOAD	0.00	0.00			0.00	-	-	-	34
14	-	-	-	0.00		0.00		0.00	-	-	-	35
15	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	3	20	36
16	20	1	EXISTING LOAD	0.00	0.00			0.00	-	-	-	37
17	20	1	EXISTING LOAD	0.00		0.00		0.00	-	-	-	38
18	*20	1	UH-C5	3.20			3.20	0.00	EXISTING LOAD	1	20	39
19			SPACE	0.00	0.00			0.00	EXISTING LOAD	1	20	40
20			SPACE	0.00		0.00		0.00	SPACE			41
21			SPACE	0.00			0.00	0.00	SPACE			42
			TOTAL CONNECTED PHASE KVA:		0.00	0.00	3.20					
			TOTAL CONNECTED KVA:		3.20							
			DEMAND OR DESIGN KVA:		3.20							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.20							
			DEMAND OR DESIGN AMPERES:		3.85							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: EXISTING RPC-1G **LOCATION:** CONCOURSE C APRON LEVEL

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 225A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	*30	2	DSCU-C5	1.50	1.50			0.00	EXISTING LOAD	3	20	22
2	-	-	-	1.50		1.50		0.00	-	-	-	23
3	20	1	EXISTING LOAD	0.00			0.00	0.00	-	-	-	24
4	60	3	EXISTING LOAD	0.00	0.70			0.70	VF-C5	1	20*	25
5				0.00		0.00		0.00	EXISTING LOAD	2	30	26
6	-	-		0.00			0.00	0.00		-		27
7	20	1	EXISTING LOAD	0.00	0.00			0.00	SPARE	1	20	28
8	20	1	EXISTING LOAD	0.00		0.00		0.00	SPARE	1	20	29
9	20	1	EXISTING LOAD	0.00			0.18	0.18	ELEVATOR MACH. RM RECEPTACLE	1	20*	30
10	20	1	EXISTING LOAD	0.00	0.00			0.00	SPARE	1	20	31
11	20	1	EXISTING LOAD	0.00		0.00		0.00	SPARE	1	20	32
12	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	33
13	20	1	EXISTING LOAD	0.00	0.00			0.00	SPARE	1	20	34
14	20	1	EXISTING LOAD	0.00		0.00		0.00	SPARE	1	20	35
15	20	1	EXISTING LOAD	0.00			0.00	0.00	SPARE	1	20	36
16	20	3	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	37
17	-	-		0.00		0.50		0.50	HVAC CONTROLS	1	20*	38
18	-	-		0.00			0.00	0.00	EXISTING LOAD	1	20	39
19	20	1	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	1	20	40
20	20	1	EXISTING LOAD	0.00		0.00		0.00	EXISTING LOAD	1	20	41
21	20	1	EXISTING LOAD	0.00			0.00	0.00	EXISTING LOAD	1	20	42
			TOTAL CONNECTED PHASE KVA:		2.20	2.00	0.18					
			TOTAL CONNECTED KVA:		4.38							
			DEMAND OR DESIGN KVA:		3.88							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		3.88							
			DEMAND OR DESIGN AMPERES:		10.76							

AMPERES INTERRUPTING RATING:
EXISTING

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

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SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
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AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL
PANELBOARD
SCHEDULES -
CONCOURSE B & C

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.7

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mtrinker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.8 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:48PM

PANELBOARD: EXISTING SUB PANEL RP-C1L **LOCATION:** CONCOURSE C APRON LEVEL-ELECT. RM. 0C100

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 100A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	MICROWAVE	1.20	2.70			1.50	COPY MACHINE	2	20	2
3	20	1	MICROWAVE	1.20		2.70		1.50	-	-	-	4
5	20	1	MICROWAVE	1.20			2.76	1.56	COPY MACHINE	1	20	6
7	20	1	MICROWAVE	1.20	4.20			3.00	COFFEE MACHINE	2	60	8
9	20	1	BREAKROOM RECEPTACLES	1.00		4.00		3.00	-	-	-	10
11	20	1	BREAKROOM RECEPTACLES	1.00			1.00	0.00	SPACE			12
13	*20	1	VF-C6	0.70	0.70			0.00	SPACE			14
15	*20	1	HVAC CONTROLS	0.50		0.50		0.00	SPACE			16

TOTAL CONNECTED PHASE KVA:	7.60	7.20	3.76
TOTAL CONNECTED KVA:	18.56		
DEMAND OR DESIGN KVA:	14.88		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	14.88		
DEMAND OR DESIGN AMPERES:	41.29		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: EXISTING LPD12 **LOCATION:** ELECTRICAL ROOM DS6-1-B1

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 225 MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	30	3	EXISTING LOAD	0.00	0.00			0.00	EXISTING LOAD	3	30	22
2	-	-	-	0.00		0.00		0.00	-	-	-	23
3	-	-	-	0.00			0.00	0.00	-	-	-	24
4	20	1	LIGHTS C/L 15-22	0.00	0.00			0.00	EXISTING LOAD	1	20	25
5	20	1	DRIVE THRU LIGHTS	0.00		0.00		0.00	EXISTING LOAD	1	20	26
6	20	1	AMERICAN	0.00			0.00	0.00	EXISTING LOAD	1	20	27
7	20	1	DRIVE THRU LIGHTS D6	0.00	0.00			0.00	WATER HEATER	3	20	28
8	20	1	DRIVE THRU LIGHTS D5	0.00		0.00		0.00	-	-	-	29
9	*20	1	UH-D3	3.20			3.20	0.00	-	-	-	30
10			SPACE	0.00	0.00			0.00	SPACE			31
11			SPACE	0.00		0.00		0.00	SPACE			32
12			SPACE	0.00			0.00	0.00	SPACE			33
13			SPACE	0.00	0.00			0.00	SPACE			34
14			SPACE	0.00		0.00		0.00	SPACE			35
15			SPACE	0.00			0.00	0.00	SPACE			36
16			SPACE	0.00	0.00			0.00	SPACE			37
17			SPACE	0.00		0.00		0.00	SPACE			38
18			SPACE	0.00			0.00	0.00	SPACE			39
19			SPACE	0.00	0.00			0.00	SPACE			40
20			SPACE	0.00		0.00		0.00	SPACE			41
21			SPACE	0.00			0.00	0.00	SPACE			42

TOTAL CONNECTED PHASE KVA:	0.00	0.00	3.20
TOTAL CONNECTED KVA:	3.20		
DEMAND OR DESIGN KVA:	3.20		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.20		
DEMAND OR DESIGN AMPERES:	3.85		

AMPERES INTERRUPTING RATING: EXISTING

PANELBOARD: NEW NLPP1 **LOCATION:** CONCOURSE D - APRON LEVEL ELEV. MACHINE ROOM

TYPE: LIGHTING & APPLIANCE
SERVICE: 208Y/120V, 3PH, 4W
MAINS: 35/2 PRIMARY, 50/2 SECONDARY
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	VF-D3	0.70	0.70			0.00	SPARE	1	20	2
3	30	2	DSCU-D3	1.50		1.50		0.00	SPARE	1	20	4
5	-	-	-	1.50			1.50	0.00	SPARE	1	20	6
7	20	1	HVAC CONTROL	0.50	0.50			0.00	SPARE	1	20	8

TOTAL CONNECTED PHASE KVA:	1.20	1.50	1.50
TOTAL CONNECTED KVA:	4.20		
DEMAND OR DESIGN KVA:	3.70		
FUTURE KVA:	0.00		
TOTAL DEMAND OR DESIGN KVA:	3.70		
DEMAND OR DESIGN AMPERES:	10.26		

AMPERES INTERRUPTING RATING: 25,000

DISTRIBUTION PANELBOARD PP1 SCHEDULE

MAINS: 800A MCB | VOLTAGE: 480Y/277V | PHASE: 3 | WIRES: 4 | AMPERES INTERRUPTING RATING: 100,000

NO.	SERVING	CONN. KVA	BREAKER FRAME	BREAKER TRIP	BREAKER POLES	REMARKS
1	GATE D1 PCA					
2	GATE D2 PCA					
3	SPACE					
4	SPACE					
5	SPACE					
6	SPACE					
7	SPACE					
8	SPACE					
9	GATE D5 PCA			150		
10	GATE D3 PCA			150		
11	GATE D4 PCA			150		
12	*NLPP1	4.20	100	40	2	

TOTAL CONNECTED kVA:	4.20	TOTAL DEMAND OR DESIGN kVA:	3.70
DEMAND OR DESIGN kVA:	3.70	DEMAND OR DESIGN AMPERES:	4.45
FUTURE kVA:	0.00		

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

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NO.	DATE	BY	REVISION

ELECTRICAL
PANELBOARD
SCHEDULES -
CONCOURSE C & D

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.8

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION

PLOT DATE: 6/6/2014 PLOTTED BY: mstriker
FILE NAME: K:\07306.16 Vertical Transportation Phase 3_CADD\E9.0.9 ELECTRICAL SCHEDULES.dwg
PEN TABLE: G:\0735600_04-00-PROJ_DATA\Atlas\TOUP.pen 1:48PM

PANELBOARD: EXISTING LPC25 LOCATION: CONCOURSE LEVEL-ELECT. ROOM 2C2A

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 200A MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	1	LIGHTS	3.20	6.40			3.20	EXISTING	1	20	22
2	20	1	EXISTING	3.00		6.60		3.60	EXISTING	1	20	23
3	20	1	EXISTING	3.00			6.20	3.20	EXISTING	1	20	24
4	20	2	LIGHTS	3.60	6.60			3.00	EXISTING	1	20	25
5	-	-	-	3.60		3.60		0.00	SPACE			26
6	30	3	GATE #21	6.60			10.20	3.60	EXISTING	3	20	27
7	-	-	-	6.60	10.10			3.50	-	-	-	28
8	-	-	-	6.60		9.80		3.20	-	-	-	29
9	20	1	EXISTING	3.60			3.60	0.00	SPACE	1		30
10	20	1	CENTER LIGHTS	3.50	3.50			0.00	SPACE	1		31
11			SPACE	0.00		0.00		0.00	SPACE	1		32
12			SPACE	0.00			0.00	0.00	SPACE	1		33
13	20	2	CENTER INFO SIGN	3.00	3.00			0.00	SPACE	1		34
14	-	-	-	3.00		3.00		0.00	SPACE	1		35
15	*20	3	EF-C3	0.44			0.44	0.00	SPACE	1		36
16	-	-	-	0.44	0.44			0.00	SPACE	1		37
17	-	-	-	0.44		0.44		0.00	SPACE	1		38
18	*20	3	EF-C2	0.58			0.58	0.00	SPACE	1		39
19	-	-	-	0.58	0.58			0.00	SPACE	1		40
20	-	-	-	0.58		0.58		0.00	SPACE	1		41
21		1	SPACE	0.00			1.20	1.20	LOW VOLTAGE EQUIPMENT	1	20	42
			TOTAL CONNECTED PHASE KVA:		30.62	24.02	22.22					
			TOTAL CONNECTED KVA:		76.86							
			DEMAND OR DESIGN KVA:		71.06							
			FUTURE KVA:		0.00							
			TOTAL DEMAND OR DESIGN KVA:		71.06							
			DEMAND OR DESIGN AMPERES:		85.47							

AMPERES INTERRUPTING RATING:
EXISTING

PANELBOARD: NEW LPD25A LOCATION: CONCOURSE D-ELECT. ROOM 2D5

TYPE: LIGHTING & APPLIANCE
SERVICE: 480Y/277V, 3PH, 4W
MAINS: 100 MLO
CABINET: NEMA 1
☐ FEED-THRU LUGS
☐ SUB-FEED LUGS
MOUNTING:

CKT	TRIP	POLE	LOAD DESCRIPTION	CKT KVA	KVA PH-A	KVA PH-B	KVA PH-C	CKT KVA	LOAD DESCRIPTION	POLE	TRIP	CKT
1	20	3	PAC-D2	3.32	6.64			3.32	PAC-D1	3	20	2
3	-	-	-	3.32		6.64		3.32	-	-	-	4
5	-	-	-	3.32			6.64	3.32	-	-	-	6
7			SPACE	0.00	0.88			0.88	EF-D1 & D2	3	20	8
9			SPACE	0.00		0.88		0.88	-	-	-	10
11			SPACE	0.00			0.88	0.88	-	-	-	12
13			SPACE	0.00	3.20			3.20	UH-D2	1	20	14
15			SPACE	0.00		3.20		3.20	UH-D1	1	20	16
17			SPACE	0.00			0.00	0.00	SPACE			18
19			SPACE	0.00	0.00			0.00	SPACE			20
21			SPACE	0.00		0.00		0.00	SPACE			22
23			SPACE	0.00			0.00	0.00	SPACE			24
25			SPACE	0.00	0.00			0.00	SPACE			26
27			SPACE	0.00		0.00		0.00	SPACE			28
29			SPACE	0.00			0.00	0.00	SPACE			30
			TOTAL CONNECTED PHASE KVA:		10.72	10.72	7.52					
			TOTAL CONNECTED KVA:		28.96							
			DEMAND OR DESIGN KVA:		22.89							
			FUTURE KVA:		10.00							
			TOTAL DEMAND OR DESIGN KVA:		32.89							
			DEMAND OR DESIGN AMPERES:		39.56							

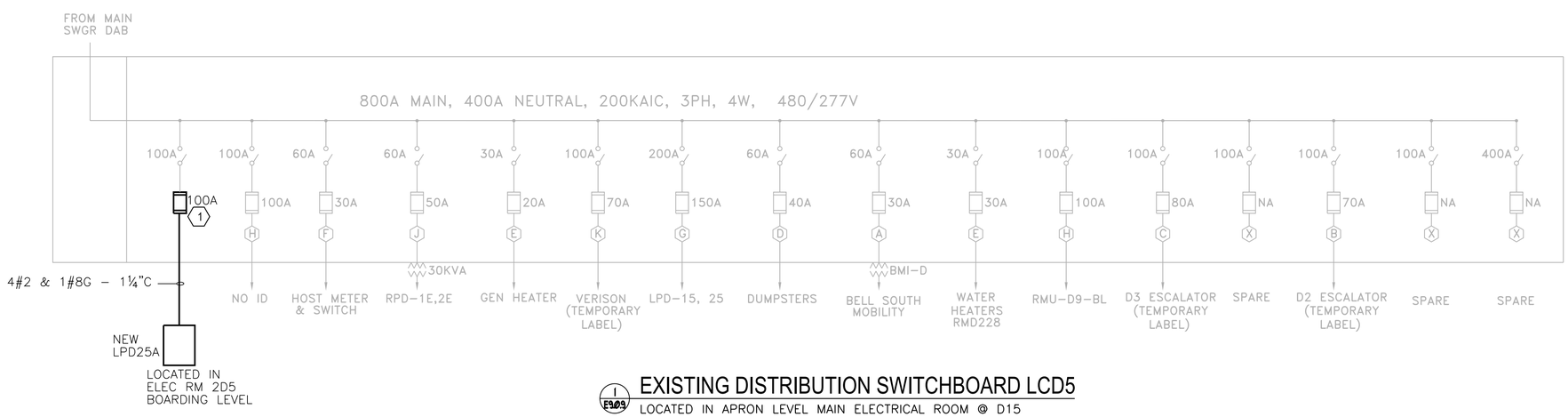
AMPERES INTERRUPTING RATING:
18,000

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHOWN AS SCREENED IS EXISTING. NEW WORK IS SHOWN AS BOLD.
2. (*) DENOTES NEW BREAKER IN EXISTING SPACE. NEW BREAKER'S ELECTRICAL CHARACTERISTICS SHALL MATCH THE EXISTING BREAKERS.

KEYED NOTES:

1. PROVIDE NEW FUSES IN EXISTING SWITCHBOARD SPACE AND CONNECT TO NEW LOAD.



E9.0.9 EXISTING DISTRIBUTION SWITCHBOARD LCD5
LOCATED IN APRON LEVEL MAIN ELECTRICAL ROOM @ D15

CITY OF ATLANTA, GEORGIA
Hartsfield-Jackson Atlanta International Airport

HSST

HEERY INTERNATIONAL, INC.
999 PEACHTREE STREET,
NE ATLANTA, GA 30309
PHONE: 404.419.9190
FAX: 404.946.2017

MATRIX 3D
44 BROAD STREET
ATLANTA, GA 30303
PHONE: 404.522.3801
FAX: 404.522.3823

RICHARD WITTSCHIEBE HAND ARCHITECTS
15 SIMPSON STREET
ATLANTA, GA 30308
PHONE: 404.688.2200
FAX: 404.688.2400

SEAL

PHASE 3
VERTICAL
TRANSPORTATION

HARTSFIELD-JACKSON
ATLANTA
INTERNATIONAL
AIRPORT

NO.	DATE	BY	REVISION

ELECTRICAL PANELBOARD SCHEDULES - CONCOURSE D

WBS NUMBER: H.03.90.202	DRAWN BY: M. TRINKER
FC NUMBER: 6006007929	DESIGNED BY: M. TRINKER
CONSULTANT PROJECT NUMBER: 07306.16	CHECKED BY: S. SVEDA
REFERENCE NUMBER	APPROVED BY: S. SVEDA
	DATE: 06.11.2014
	SCALE: NONE
	SHEET NO: E9.0.9

PHASE 3 VERTICAL TRANSPORTATION, ISSUED FOR CONSTRUCTION, JUNE 11, 2014

RELEASED FOR CONSTRUCTION