



Webster
UNIVERSITY

CANNONDESIGN

William Tao & Associates, Inc
MEP/FP Engineer
7955 Manchester Road, Suite 125
St. Louis, MO 63143
314-884-7600

Faith Group
Technology
Hanley Rd, Suite 100
Louis, MO 63143

KWA Architects
Architecture
9721 Litzinger Road
St. Louis, MO 63121
314.962.2560

SWT Design
Landscape Architect
7722 Big Bend Blvd.
St. Louis, MO 63111
314.644.5700

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

A. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.

B. ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.

C. ALL DEVICES TO REMAIN ARE INDICATED WITH A THIN SOLID LINE WEIGHT AND SUBSCRIPT "EX".

D. CONTRACTOR SHALL VISIT PRIOR TO BID SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E. PROVIDE FACE PLATES ON ALL J-BOXES ABANDONED IN FINISHED FLOOR, WALL OR CEILINGS. COORDINATE COLOR AND FINISH WITH ARCHITECT. CONTRACTOR TO VERIFY QUANTITY IN THE FIELD.

F. WHERE EXPOSED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL OF ROUTING PRIOR TO ROUGH-IN. EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE.

G. ALL SINGLE PHASE BRANCH CIRCUITS SHOWN SHALL HAVE DEDICATED NEUTRALS TO MEET NEC SECTION 210.4 MULTIPLE WIRE BRANCH CIRCUIT REQUIREMENTS.

H. REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT ROUGH-IN OF DATA, VOICE AND AV.

I. ALL 120V BRANCH CIRCUITS ON THIS SHEET SHALL BE FED FROM PANEL 3N1 UNLESS NOTED OTHERWISE.

E01 REFER TO EQUIPMENT DATA SCHEDULE FOR BRANCH CIRCUIT INFORMATION.

E03 PROVIDE NEW RECEPTACLE FOR WALL MOUNTED PROJECTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND AV DRAWINGS.

E05 PROVIDE NEW TWO SECTION ALUMINUM RACEWAY, WIREMOLD AL4320 WITH RECEPTACLES MOUNTED 24" ON CENTER UNLESS NOTED OR SHOWN OTHERWISE. PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND LENGTH. SEE DETAILS ON SHEET E402.

E06 OUTLET SHALL BE MOUNTED TO THE BACK SIDE OF THE TELECOMMUNICATION RACK AND FED FROM ABOVE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLATION.

E08 OUTLET FOR DIGITAL SIGNAGE. COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND AV DRAWINGS.

E13 PROVIDE A DUCT MOUNTED SMOKE DETECTOR(S) AT RETURN AIR GRILLE OF AHU-1 & AHU-2 BOTH AIR HANDLING UNITS SHALL SHUT DOWN OPERATION OF THE DUCT MOUNTED SMOKE DETECTOR(S). PROVIDE REMOTE INDIATOR LIGHT(S) IN CEILING BELOW.

E14 SURFACE RACEWAY AT EXTERIOR WINDOWS SHALL BE FED FROM BELOW OR FROM ADJACENT WALL OR COLUMN.

E16 PROVIDE POWER AND FINAL CONNECTIONS TO FUME HOOD.

E17 PROVIDE NEMA 6-30R, 30A-208V RECEPTACLE FOR PRINTER. CONTRACTOR SHALL VERIFY PRINTER PLUG TYPE WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN.

E40 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3LL1.

E41 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3LL2.

E42 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3LL3.

E43 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3LL4.

E51 PROVIDE 20A GFCI QUAD RECEPTACLE WITH AUDIBLE ALARM ON EMERGENCY CIRCUIT FOR FISH TANK. COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS AND ELEVATIONS.

E53 COORDINATE QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES WITH FIRE PROTECTION CONTRACTOR.

E62 PROVIDE A 2HR FIRE CLASSIFIED 2-GANG MULTI-SERVICE STEEL RECESSED FLOOR BOX EQUAL TO WIREMOLD/CAT. NO. RFB25-FC WITH A BRASS FLANGED COVER CAT. NO. FFBTCS-NA. THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) 20A STANDARD DUPLEX RECEPTACLES. NEMA 5-20R. THE BOX SHALL BE INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.

E70 PROVIDE NEMA 15-20R, 20A-120V TWIST LOCK RECEPTACLE FOR RACK MOUNTED PDU. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH TECHNOLOGY CONTRACTOR.

E73 PROVIDE POWER AND FINAL CONNECTIONS FOR ELECTRIC HAND DRYER.

E77 PROVIDE POWER TO EVAPORATOR COIL, LIGHTS, CONTROLS ETC. FOR A COMPLETE INSTALLATION OF WALK-IN COOLER.

E79 PROVIDE 20A GFCI DUPLEX RECEPTACLE CEILING MOUNTED FOR POWER TO AQUARIUM LIGHTS. COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS AND ELEVATIONS.

E80 PROVIDE PIPE FREEZE PROTECTION OF COLD AND HOT WATER SUPPLY AND RETURN PIPING. REFER TO SHEET M0103.A, M0104.A, AND SECTION THROUGH EAB ATTIC ON SHEET M0393 FOR LENGTH OF PIPES, AND SPECIFICATION SECTION 285500 FOR ADDITIONAL INFORMATION.

Project No.: 04561.01 Checked by:

E0103.A