

FOR THE PROJECT TITLED:

FCPS NEW MIDDLE SCHOOL – POLO CLUB
KDE BG # 21-176
FCPS BID # 20-21
JRA Project No. 202078
 Fayette County Public Schools
 Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
 3225 Summit Square Place, Suite 200
 Lexington, KY 40509

Project Contact: D. Robert Deal, AIA, LEED AP

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated September 2021.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ADDENDUM ITEMS:

ITEM NO. 1.01

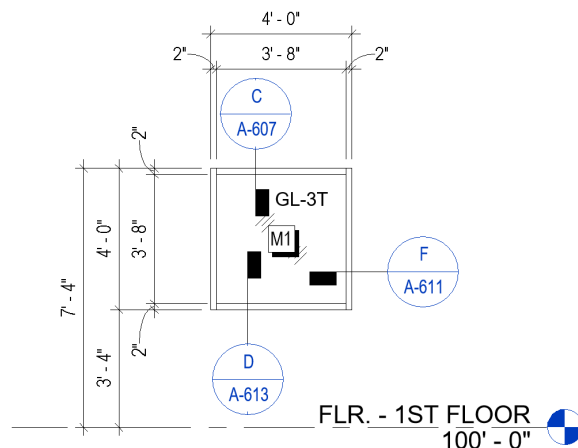
Refer to the Advertisement for Bids and Specification Section 00 2513 "Prebid Meetings". Change to pre-bid date to Thursday, October 7, 2021. Time and format remain unchanged.

ITEM NO. 1.02

Refer to the Project Manual, Volume I. Replace Specification Section 00 6000-03 "Supplementary Conditions". Replace the version contained within the Project Manual with the version contained within Addendum 1.00.

ITEM NO. 1.03

Refer to Sheet A-618 – Interior Frame Types. Revise Frame Type M1 (HM) to clean up graphics.

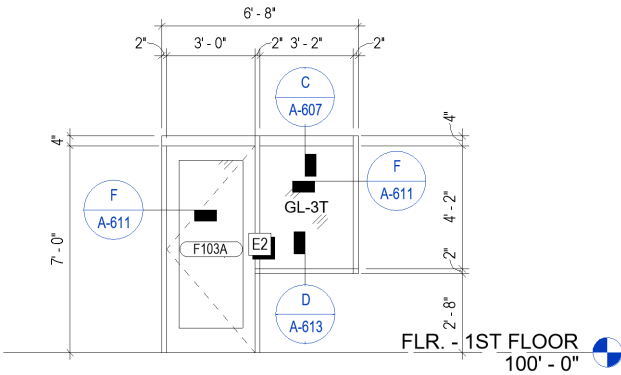


FRAME TYPE M1 (HM)

1/4" = 1'-0"

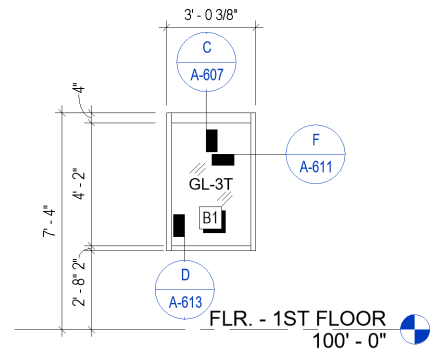
ITEM NO. 1.04

Refer to Sheet A-619 – Interior Frame Types. Revise Frame Type E2 (HM), B1 (HM), E3 (HM), J2 (HM) to clean up graphics.



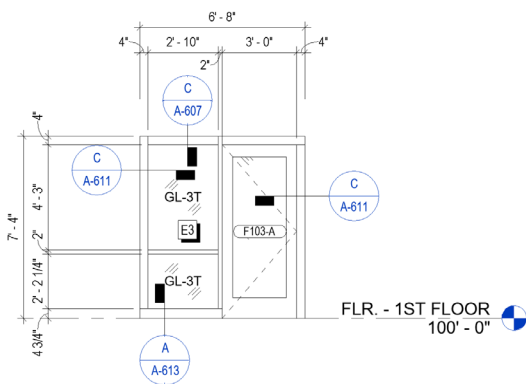
FRAME TYPE E2 (HM)

1/4" = 1'-0"



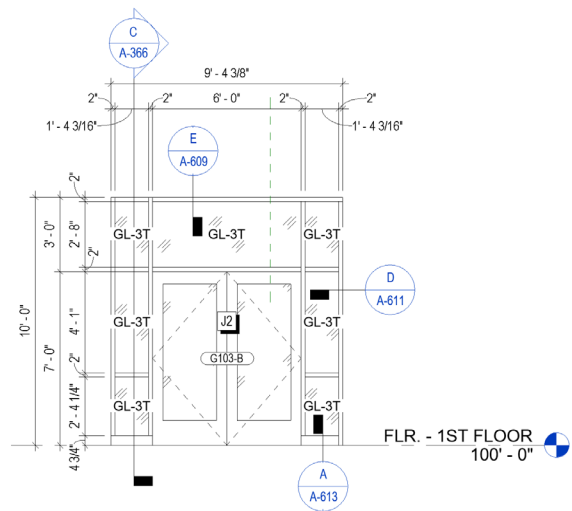
FRAME TYPE B1 (HM)

1/4" = 1'-0"



FRAME TYPE E3 (HM)

1/4" = 1'-0"



FRAME TYPE J2 (HM)

1/4" = 1'-0"

ITEM NO. 1.05

Refer to Sheet A-417 – Enlarged Computer/Flex Classroom. Add note to drawings sheet.

NOTE: EQUIPMENT
SHOWN IS TYPICAL FOR
3 CLASSROOMS

ITEM NO. 1.06

Refer to sheet S-502 – In detail A/S-502 change the D1 weld for Type II Connection to be both sides and replace the Moment Connection Schedule table with the following table:

MOMENT CONNECTION SCHEDULE											
MARK	CONNECTION TYPE	FLANGE PLATE							WELDS		
		TOP				BOTTOM			D1	D2	Lw
		TP	W1	W2	LENGTH	TP	WIDTH	LENGTH			
MC1	I	1/2	3	6	14	1/2	6	14	--	1/4	10
MC2	II	1/2	5	7	15	1/2	7	15	5/16	1/4	13
MC3	III	N/A				N/A			SEE DETAIL		
MC4	IV	1/2	3	--	26	3/8	6	26	--	1/4	10

ITEM NO. 1.07

Refer to Sheet P-211F - Add note to drawing, "Refer to Enlarged Kitchen Plan, P-400, for domestic water kitchen requirements."

ITEM NO. 1.08

Refer to sheet E-111B – Add control of parking lot receptacles and add lighting to trophy cases.

ITEM NO. 1.09

Refer to sheet E-211B – Add power to trophy cases.

ITEM NO. 1.10

Refer to sheet E-211E – Add power to trophy cases.

ITEM NO. 1.11

Refer to sheet E-211F – Add power to trophy cases.

ITEM NO. 1.12

Refer to sheets E-410 and E-411 – Revise panel schedules.

ITEM NO. 1.13

Refer to sheet U-100 – Add control of parking lot receptacle circuits by lighting control relay and switch.

END OF ADDENDUM NO. 1.00

DOCUMENT 006000.03 - SUPPLEMENTARY CONDITIONS

1.1 SUPPLEMENTARY CONDITIONS

A. Supplementary Conditions for Project consist of the following:

1. AIA Document A201-2007, "General Conditions of the Contract for Construction – KDE Version," a copy of which is bound in this Project Manual.
2. The following Supplementary Conditions that modify and add to the requirements of the General Conditions of the Contract for Construction.

1.2 SUPPLEMENTARY CONDITIONS, GENERAL

- A. The following instructions modify, change delete from or add to AIA Document A201 - General Conditions of the Contract for Construction – KDE Version as amended by the Kentucky Department of Education, Division of Facilities Management. Where any article of the General Conditions is modified or any paragraph, subparagraph or clause thereof is modified or deleted by these Supplementary instructions to Bidders, the unaltered provisions of the Article, paragraph, subparagraph or clause shall remain in effect.

1.3 ARTICLE 1 - GENERAL PROVISIONS

A. 1.1 - Basic Definitions:

1. Add the following:
 - a. 1.1.9 - A Material Supplier (Supplier) is a person or organization who has a direct Purchase Order responsibility to the Owner. A Material Supplier cannot be an installing contractor.

1.4 ARTICLE 2 - OWNER

A. 2.2 - Information and Services Required of the Owner:

1. Delete Section 2.2.5 and replace with the following:
 - a. 2.2.5 - FCPS will not be providing copies of the plans and specification free of charge to the contractor. The contractor will be responsible for providing all copies of plans and specifications necessary to complete the work on the project.

1.5 ARTICLE 3 - CONTRACTOR

A. 3.4 - Labor and Materials:

1. Add the following:
 - a. 3.4.4 - Material Supplier assumes all responsibility for materials until delivery is accepted by the Contractor. The designated Contractor or Subcontractor

responsible for installation of Purchase Order material or equipment is to supervise and accept delivery, unload, handle store, layout and install the items.

- 1) 3.4.4.1 Upon delivery, the designated Contractor is to verify product suitability, quantity, quality and condition as soon as it can be ascertained and shall accept care, custody and control responsibility as if it were he own purchase. Any damage or loss after delivery will be the responsibility of the responsible Contractor or Subcontractor.

B. 3.5 - Warranty:

1. Add Section 3.5.1:

- a. 3.5.1 - The Owner expects that all building materials to be incorporated into the completed work shall be in 100% new condition and shall be reasonably clean of moisture, dirt, and contaminants that may facilitate the growth of mold or rust in the future. A clean and orderly jobsite is required.
- b. Add Section 3.5.1.1:
 - 1) 3.5.1.1 - Materials stored on the site shall be sorted and stored to protect from damage due to construction activities. Damaged materials shall not be installed in any assembly but shall be replaced with a new item of equal specifications.
- c. Add Section 3.5.1.2:
 - 1) 3.5.1.2 - Materials shall be stored on pallets or other devices to prevent direct ground contact. Mud and other foreign matter shall be completely removed from each component (including concealed surfaces) prior to installation.
- d. Add Section 3.5.1.3:
 - 1) 3.5.1.3 - The manufacturer's recommendations regarding the allowable temperature and humidity for storage and installation of materials shall be strictly observed.

2. Add Section 3.5.2:

- a. 3.5.2 - Material Supplier will guarantee all materials furnished under a purchase order to be in accordance with the requirements of the contract documents. This guarantee shall extend through the construction period and one (1) year from the date of Substantial Completion, upon final acceptance by the Owner. The Contractor shall also guarantee and warrant to the Owner all materials purchased directly by the Owner by Purchase Order shall fully conform to the requirements of the Contract Documents.

C. 3.6 - Taxes

1. Add Section 3.6.1:

- a. 3.6.1 - As provided by KRS 139.310 and Kentucky Administrative Regulation 103 KAR 26:070 (Contract Construction). Each contractor is responsible for Kentucky Sales and Use Tax on all material purchased and installed by the contractor or a third party hired by the contractor.

2. Add Section 3.6.2:

- a. 3.6.2 - For those bid packages identified as Supplier Only or Contractor/Supplier (containing bid breakout items), the sales and use tax is to be excluded only on those material items purchased by the Owner directly from the material supplier. If a contractor lists his own company as the supplier on those bid packages containing bid breakout items, the Owner will not issue a purchase order and exemption certificate. Accordingly, the sales and use tax on the materials used to fulfill the terms of the contract will be the liability of the contractor.

D. 3.10 - Contractor's Construction Schedules:

1. Add Section 3.10.1.1:

- a. 3.10.1.1 - The specifications include a project schedule that meets the needs of the Owner. The Owner understands that the submittal of a bid proposal from the contractor (and subcontractors) indicates an agreement that this schedule can be met barring unusual weather or other unforeseen and uncontrollable conditions.

2. Add Section 3.10.2.1:

- a. 3.10.2.1 - The contractor's schedule shall be presented in bar chart form with sufficiently detailed activities and tasks to fully describe the work and its sequence.
- b. The actual sequence of the work shall suit the storage and installation requirements of the materials being used throughout the project and the schedule shall accurately describe that sequence.
- c. The contractor's schedule shall identify intervals in the sequence of the work when space is ready for the Owner furnished and installed fixtures. The schedule shall allow time for coordination of the work or the general contractor's subcontractors with others working directly for the Owner.
- d. Activities shall be charted by phase and shall include the following activities:

- 1) Shop drawings, permits, etc.
- 2) Temporary utility connections established
- 3) Rough excavation, fine grading, paving, lawns, plantings, etc.
- 4) Utility service outages
- 5) New buried utilities
- 6) Under-slab
- 7) Site
- 8) Foundations & slab
- 9) Exterior walls including insulation (rough to weather-tight)
- 10) Doors
- 11) Windows
- 12) Roofing including insulation (rough to weather-tight)
- 13) Interior walls
- 14) MEP
 - a) HVAC systems (rough-in to full operation)
 - b) Electrical systems (rough-in to full operation)
 - c) Plumbing systems (rough-in to full operation)
- 15) Interior finishes
 - a) Wall paint
 - b) Ceiling

- c) Floor coverings
- 16) Fixtures and equipment
- a) FCPS furnished & installed plastic laminate casework
 - b) FCPS furnished & installed wood laboratory casework
 - c) FCPS furnished & installed library casework
 - d) FCPS installed permanent lock cores
 - e) FCPS HVAC testing & balancing
 - f) Transfer of building utilities to FCPS
 - g) FCPS installed telephone, cable and data systems
 - h) FCPS furnished & installed interior signage
 - i) FCPS furnished & installed loose furniture
 - j) Substantial completion
 - k) FCPS move-in
 - l) Final completion
3. Add Section 3.10.4:
- a. 3.10.4 - Target dates established by the contractor for each project are required if school and FCPS staff are to meet the dates for Owner activities demanded by the schedule. FCPS will not be liable for delays caused by poorly planned contractor progress schedules. No claims for the cost of delay of the contractor's work will be considered by the Owner until the GC has provided a bar chart schedule with the minimum detail described above and the work has been progressing according to the schedule with reasonable accuracy for a period of at least ninety days.
4. Add Section 3.10.5:
- a. 3.10.5 - The actual sequence of the work shall suit the storage and installation requirements of the materials specified throughout the project and the contractor's schedule shall accurately describe that sequence. Materials (e.g., as insulation, gypsum products, duct work, etc.) that are to be stored in a dry condition and shall be protected from rain and weather.
5. Add Section 3.10.6:
- a. 3.10.6 - Finish materials (e.g., paint, flooring, acoustical tile, etc.) shall only be installed once the building is weather-tight, and once temperature and humidity control has been established through the operation of the building's HVAC system. Payment for prematurely installed materials shall be withheld until the interior environment is under control. The contractor shall be held responsible for interior finishes that fail due to premature installation under adverse environmental conditions. When prematurely installed finishes fail after space is occupied, the cost of inconvenience to the Owner to replace those finishes shall be charged to the contractor via liquidated damages.
6. Add Section 3.10.7:
- a. 3.10.7 - The contractor's schedule shall identify intervals in the sequence of the work when space is ready for Owner furnished and installed fixtures. The contractor shall provide that space finished and environmentally controlled in preparation for the installation of Owner furnished and installed fixtures. The schedule shall allow time for coordination of the work of the general contractor's subcontractors with others working directly for the Owner.

1.6 ARTICLE 6 - CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

A. 6.1 - Owner's Right to Perform Construction and to Award Separate Contracts:

1. Delete Section 6.1.1 and replace with the following:
 - a. 6.1.1 - As stated in other provisions of the specifications the Owner intends to fulfill other project needs through contracts with forces working directly for the Owner. Among those direct construction-phase contracts are included: 1) Special Inspections, Testing & Balancing, Building Commissioning, and Water Treatment services; 2) Upon declaration of final completion the Owner intends to utilize separate outside contractors for HVAC filter changes and turf development. 3) The general contractor's cooperation and assistance is required by the Owner to coordinate the activities of these separate contractors and to facilitate a smooth transition between work activities.

1.7 ARTICLE 8 - TIME

A. 8.2 - Progress and Completion:

1. Add Section 8.2.1.1:
 - a. 8.2.1.1 - Time limits stated in the Contract Documents shall be included the Contractor's Construction Schedules and requirements thereof.

1.8 ARTICLE 9 - PAYMENTS AND COMPLETION

A. 9.3 - Application for Payment:

1. Add Section 9.3.1.3:
 - a. 9.3.1.3 - The Contractor and Sub-Contractor shall submit with each Application for Payment a Purchase Order Payment Authorization, authorizing the Owner to make payment for materials being supplied via a Purchase Order. The Contractor and/or Subcontractors shall assemble and attach to the Purchase Order Payment Authorization, **Original Invoices** for materials that are to be incorporated in the work. Invoiced materials must either be at the job site at the time of invoice, or, if properly stored off-site, invoices must be accompanied by a properly executed certificate of insurance as required by Article 11.4.1.4 of the General Conditions. Each invoice must indicate the purchase order number, and include **only** changes for material incorporated into the Work. Invoices that include items such as tools, sales tax, finance charges, deposits, etc. will be rejected and returned to the Contractor. Invoices submitted directly to the Owner will be rejected and returned to the Contractor.
 - 1) Add Section 9.3.1.3.1:
 - a) 9.3.1.3.1 - Interest/Finance charges by a Material Supplier, due to the Contractor approval of a partial payment of a submitted invoice, shall be the responsibility of the Contractor.
 - 2) Add Section 9.3.1.3.2:

- a) 9.3.1.3.2 - In the event that at the completion of the Work the contractor has not submitted invoices totaling the value of any individual purchase order, that purchase order shall be considered complete and closed. NO ADJUSTMENT WILL BE MADE TO THE CONTRACTOR'S CONTRACT.
 - 3) Add Section 9.3.1.3.3:
 - a) 9.3.1.3.3 - All payment applications shall be sent, distributed, and processed through the Owner's web-based project management website, eComm, hosted by Lynn Imaging.
- 2. Add Section 9.3.1.4:
 - a. 9.3.1.4 - Applications for Payment shall be made with AIA Document G702, Application and Certificate for Payment, and AIA Document G703, Continuation Sheet for G702.
- 3. Delete Section 9.3.2 and replace with the following:
 - a. 9.3.2 - Request for Payment for stored materials or equipment must include: 1.) List of materials consigned to the project, copies of invoices with project I.D. and storage location (Materials must be stored inside McCracken County Kentucky and accessible for viewing and verification by the architect or engineer during regular business hours to be listed on pay application.); 2.) Certification that all items have been tagged for the project and no other purpose; 3.) A letter from the bonding company indicating agreement to the arrangement; 4.) Evidence of adequate insurance with FCPS as insured; and 5.) Evidence that the A/E has viewed the items. If the above conditions are met, FCPS will pay 80% of the invoiced value for materials suitably stored off site.
- 4. Revise the first sentence of Section 9.3.4 to read:
 - a. 9.3.4 - The Owner shall retain ten percent (10%) from each Application for Payment and an amount equal to ten percent (10%) of approved Purchase Order payments up to fifty percent (50%) completion of the Work, then, provided the Work is on schedule and satisfactory, and upon written request of the Contractor along with consent of surety and the recommendation of the Architect, the Owner may approve a reduction in retainage to (5%) of the total of the current Contract Sum plus Purchase Orders.
 - b. Add Section 9.3.4.1:
 - 1) 9.3.4.1 - No retainage will be withheld from approved payment to Material Suppliers. Retainage will be withheld from the Contractors' Application for Payment as noted in paragraph 9.3.4.
- B. 9.8 – Substantial Completion:
- C. Revise Section 9.8.1 to read:
 - a. 9.8.1 – Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy and maintain the Work for its intended use. The ability to occupy, maintain, and utilize the Work or designated

portion thereof shall require a final occupancy permit for all phases of the project issued by the Kentucky Department of Housing, Buildings, and Construction and any other agencies that have statutory authority and approval requirements. In addition to the final certificate of occupancy, the General Contractor is required to submit the following items, as applicable to the Work, in order for the Architect to prepare a Certificate of Substantial Completion and to establish the date of Substantial Completion:

- b. Add Section 9.8.1.1:
 - 1) Final Certificate of Occupancy
 - 2) Final Sprinkler Certificate
 - 3) Final Emergency Generator Testing
 - 4) Final Plumbing Certificate
 - 5) Final Fire Alarm Certificate
 - 6) Final Electrical Certificate
 - 7) SWPPP Notice of Termination Sent to KYDOW
 - 8) Operation and Maintenance Manuals Storm Water Structures
 - 9) Range Hood Extinguishing System Inspection/Test Report
 - 10) Fuel Tank Installation Inspection Report
 - 11) Final Boiler Certificate
 - 12) Final Elevator Certificate
 - 13) Operation and Maintenance Manuals Electrical
 - 14) Operation and Maintenance Manuals Mechanical
 - 15) Operation and Maintenance Manuals Architectural
 - 16) Record Set of Drawings Transmitted to Architect
 - 17) Final Set of Shop Drawings in Architects Possession
 - 18) All Keys and Cores Turned Over to Owner
 - 19) Surplus/Stock Materials Turned Over to Owner
 - 20) User/Owner Training, Demonstrations, In Service Orientation
 - 21) Guarantees and Warranties Transmitted to Owner
 - 22) All Keys to Owner Buildings Returned to Owner

1.9 ARTICLE 11 – INSURANCE AND BONDS

A. 11.1 - Contractor's Liability Insurance:

1. Add Section 11.1.5: General Liability

- a. 11.1.5 - Upon execution of Contract for the Work, the General Contractor shall immediately provide proof with Certificate of Insurance naming Fayette County Board of Education as an additional insured – with the limits of insurance described elsewhere in the Contract Documents – and as noted below:
- b. Add Section 11.1.5.1:
 - 1) 11.1.5.1 - Complete a Certificate of Insurance (COI) naming the Fayette County Board of Education as an “insured” under the Contractor’s Policy with the limits on the policy applying solely for this project.
 - 2) Add Section 11.1.5.1.1:
 - a) 11.1.5.1.1 - Under “General Liability, the “per project: box shall be checked making it Non-contributory.
 - 3) Add Section 11.1.5.1.2:

- a) 11.1.5.1.2 – The Contractor shall furnish to the Owner a Waiver of Subrogation endorsement on the Contractor’s insurance policy.
 - c. Add Section 11.1.5.2:
 - 1) 11.1.5.2 - Provide a complete CG 2010 Form giving the Fayette County Board of Education coverage while the Project is on-going.
 - d. Add Section 11.1.5.3:
 - 1) 11.1.5.3 - Provide a completed CG20374 Form giving the Fayette County Board of Education coverage for “Products & Completed Operation.”
- B. 11.3 - Property Insurance:
 - 1. Add Section 11.3.1.6:
 - a. 11.3.1.6 - The General Contractor will provide property insurance related to the Bid Breakout and Owner purchased components, including current Contract sum plus Purchase Orders.
 - 2. Add Section 11.3.1.7:
 - a. 11.3.1.7 - Property Insurance – The General Contractor shall purchase and maintain, in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located, property insurance written on a builder’s risk “all risk” or equivalent policy form in the amount of the initial Contract Sum and The Direct Purchase Orders value, plus the value of all subsequent Contract Modification.
 - 3. Add Section 11.3.1.8:
 - a. 11.3.1.8 - Builders’ Risk Insurance shall be an “all-risk” policy, to cover the life of the project with a \$5,000 deductible.
- C. 11.4 - Performance and Payment Bond
 - 1. Revise the last sentence of Section 11.4.1 to read::
 - a. 11.4.1 - “The amount of each bond shall be equal to 100% of the Contract sum plus the total of all Purchase Orders.”
 - 2. Add Section 11.4.3:
 - a. 11.4.3 - Specific sub-contractors shall furnish, to the Prime/General Contractor, Performance and Payment bonds in the full amount of the value of work they are providing, including purchase order. Evidence of ability to meet bonding requirements shall be presented to the Owner within 48 hours of the time set for receipt of bids. Attempts to circumvent this requirement by dividing sub-contractor contracts into “labor only” contracts with materials supplied by the prime contractor, or by having multiple contracts, will invalidate the bid. Bonds shall be furnished by the following sub-contractors:
 - .1 Masonry
 - .2 Roofing

- .3 ICF
- .4 Steel – fabricator
- .5 Steel - erector
- .6 Plumbing
- .7 Mechanical
- .8 Electrical

b. Add Section 11.4.3.1

- 1) **11.4.3.1 - Required Subcontractor Performance and Payment Bonds cannot be co-signed by the General Contractor. These bonds are to be provided by the subcontractors noted above.**

1.10 ARTICLE 13 - MISCELLANEOUS PROVISIONS

A. Add Section 13.1.2:

- 1. 13.1.2 The Kentucky Fairness in Construction Act, KRS 371.400 to 371.990, applies to Construction contract, and where there is a conflict between the terms and Conditions of these contract documents and the provisions of the Kentucky Fairness in Construction Act, the letter shall prevail.

1.11 ARTICLE 16 - SPECIAL PROCEDURES (ADD ARTICLE)

A. Add Article 16 - Special Procedures

1. Add Section 16.1:

- a. Contractors and Subcontractors working on FCPS property shall be responsible for notifying the Owner of any personnel doing work on site that have a communicable disease, including, but not limited to: Tuberculosis, measles, mumps, rubella, COVID-19, etc. or other pandemic disease or outbreak.

END OF DOCUMENT 00 6000.03

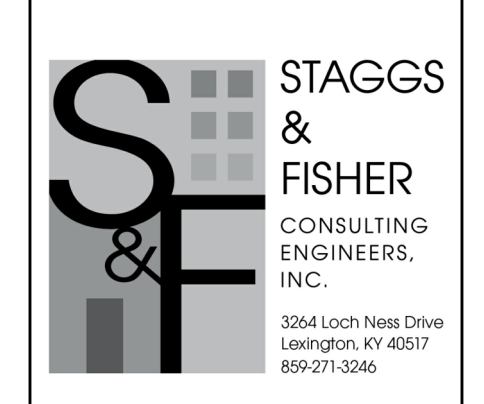
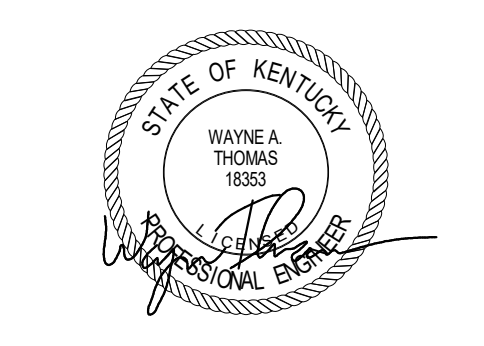
CODED NOTES:

- INSTALL RECEPTACLES 2" ABOVE BACKSPLASH/COUNTER. REFER TO ARCHITECTURAL DRAWINGS AND APPROVED CASEWORK SHOP DRAWINGS.
- RECEPTACLE CIRCUIT TO BE CONTROLLED BY THE LIGHTING CONTROL SYSTEM RELAY.
- 30A2P-GND DRYER RECEPTACLE.
- INSTALL RECEPTACLE AT SAME ELEVATION AND ADJACENT TO TELEVISION MOUNT. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- INSTALL RECEPTACLE IN KNEE SPACE OF CASEWORK. COORDINATE WITH APPROVED CASEWORK SHOP DRAWINGS PRIOR TO ROUGH IN.
- MAKE CONNECTION TO DOOR POWER SUPPLY. FIELD VERIFY.
- MAKE 120V CONNECTION TO MOTORIZED DOOR OPERATOR.
- PROVIDE CONNECTION TO WEATHERPROOF FRC DOORBELL. INSTALL AT 48" A.F.F. TO TOP. CONNECT TO DOORBELL BUZZER/LIGHT. SEE NOTE #9 THIS SHEET.
- DOORBELL BUZZER/LIGHT WITH 120V TRANSFORMER. INSTALL AT 8" A.F.F. CONNECT TO FRC DOORBELL. SEE NOTE #8 THIS SHEET.
- 120V POWER CONNECTION FOR TIME CLOCK AT 48" A.F.F.

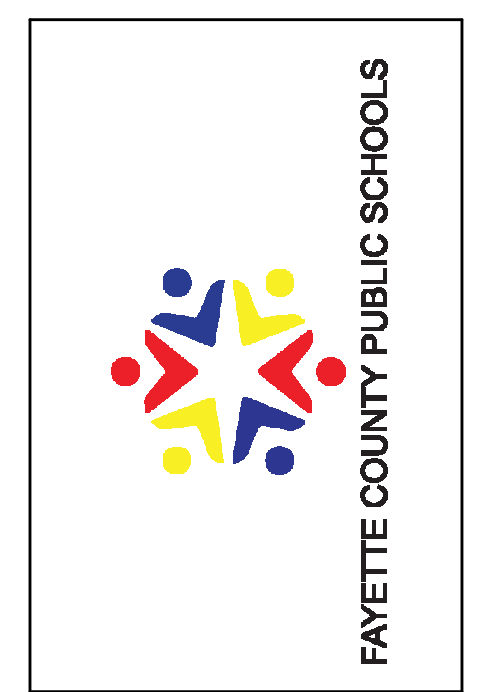
ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	RESOURCE
A100B	CORRIDOR	CUST.
A100C	CORRIDOR	STORAGE
A100D	CORRIDOR	GUIDANCE
A100E	CORRIDOR	SCIENCE CLASSROOM
A100F	CORRIDOR	SCIENCE STORAGE
A101	CORRIDOR	ELECT.
A102	SCIENCE CLASSROOM	CLASSROOM
A102A	SCIENCE STORAGE	STAFF
A103	CHASE	STAFF
A104	STORAGE	CLASSROOM
A105	RESTROOMS	CLASSROOM
A105A	RR	RESOURCE
A105B	RR	RESOURCE
A105C	RR	STORAGE
A105D	RR	SCIENCE CLASSROOM
A105E	RR	SCIENCE STORAGE
A105F	RR	CORRIDOR
A106	CLASSROOM	ENTRANCE LOBBY
A107	MEP	VESTIBULE
A108	CLASSROOM	CORR.
A109	WORKROOM	MD STOR.
A110	CLASSROOM	SRO
A111	AP OFFICE	RECEPTION
A112	CLASSROOM	ATTENDANCE
A113	(COMPUTER) FLEX / MAKER	FIRST AID
A114	CLASSROOM	EXAM
A115	RESTROOMS	EXAM
A115A	RR	TOILET
A115B	RR	MAIL
A115C	RR	RECORDS
A115D	RR	SBDM OFFICE (BOOKKEEPER)
A115E	RR	GRANCE RECEPTION
A115F	RR	PRINCIPAL
A116	CLASSROOM	MENTAL HEALTH
A117	CHASE	SBDM CONFERENCE
A118A	RESOURCE	WORKROOM
A118B	RESOURCE	GUIDANCE OFFICE
A118	STAFF	FRC
B115A	OFFICE	OFFICE
B115B	TOILET	TOILET
B116	STAFF	STAFF
C100A	CORRIDOR	CORRIDOR
C100A1	VEST	VEST
C100B	CORRIDOR	CORRIDOR
C100C	CORRIDOR	CORRIDOR
C100D	CORRIDOR	CORRIDOR
C100E	CORRIDOR	CORRIDOR
C101	CUST.	CUST.
C102	CHASE	CHASE
C103	CLASSROOM	CLASSROOM
C104	RESTROOMS	RESTROOMS
C105	RR	RR
C105A	RR	RR
C105B	RR	RR
C105C	RR	RR
C105D	RR	RR
C105E	RR	RR
C105F	RR	RR
C106	CLASSROOM	CLASSROOM
C107	CLASSROOM	CLASSROOM
C108	CLASSROOM	CLASSROOM
C109	IDF	IDF
C110	CLASSROOM	CLASSROOM
C111	HEALTH SCIENCE	HEALTH SCIENCE
C112	FMD	FMD
C112A	TOILET	TOILET
C113	RESOURCE (OCCUP. THERAPY)	RESOURCE (OCCUP. THERAPY)
C114	FMD	FMD
C114A	TOILET	TOILET
C114B	STORAGE	STORAGE
C115	RESTROOMS	RESTROOMS
C115A	RR	RR
C115B	RR	RR
C115C	RR	RR
C115D	RR	RR
C115E	RR	RR
C115F	RR	RR
C116	CLASSROOM	CLASSROOM
C117	CHASE	CHASE
C118	VO-AG LAB	VO-AG LAB
C118A	VO-AG TOOLS	VO-AG TOOLS
C118B	VO-AG STOR.	VO-AG STOR.
C119	STAFF	STAFF
C120	VO-AG CLASSROOM	VO-AG CLASSROOM
C121	CUST.	CUST.
C122	CLASSROOM	CLASSROOM
C123	ELECT.	ELECT.
C124	CLASSROOM	CLASSROOM
C125	STAFF	STAFF
C126	ART (DIGITAL)	ART (DIGITAL)
C128A	OFFICE STOR.	OFFICE STOR.
C128B	ART (TRADITIONAL)	ART (TRADITIONAL)
C128C	FILE	FILE
C128D	ART DISPLAY	ART DISPLAY
D101	MEDIA CENTER	MEDIA CENTER
D101A	BROADCAST STUDIO	BROADCAST STUDIO
D101B	MEDIA CENTER STORAGE	MEDIA CENTER STORAGE
D101C	INSER	INSER
D101H	WORKROOM	WORKROOM
D102	WORKROOM	WORKROOM
D102C	SMALL STUDY	SMALL STUDY
D102D	SMALL STUDY	SMALL STUDY
D102E	SMALL STUDY	SMALL STUDY
D102F	SMALL STUDY	SMALL STUDY
D103	FLEX OFFICE	FLEX OFFICE
E100A	CORRIDOR	CORRIDOR
E100B	CORRIDOR	CORRIDOR
E101	FAMILY CONSUMER SCIENCE	FAMILY CONSUMER SCIENCE
E101A	STORAGE	STORAGE
E102	CLASSROOM	CLASSROOM
E103	ORCHESTRA	ORCHESTRA
E103A	PRACTICE	PRACTICE
E103B	PRACTICE	PRACTICE
E103C	OFFICE	OFFICE
E103D	STAGE	STAGE
E104	BAND ROOM	BAND ROOM
E104A	OFFICE	OFFICE
E104B	PRACTICE	PRACTICE
E104C	PRACTICE	PRACTICE
E104D	PRACTICE	PRACTICE
E105	HC TOILET	HC TOILET
E106	TOILET	TOILET
E107	TOILET	TOILET
E108	TOILET	TOILET
E110	VOCAL ROOM	VOCAL ROOM
E111	STORM MECHANICAL	STORM MECHANICAL
E11A	GENERATOR ROOM	GENERATOR ROOM
F101	ELEVATOR	ELEVATOR
F101A	CORRIDOR	CORRIDOR
F101B	CAFETERIA	CAFETERIA
F101C	STORAGE	STORAGE
F101D	CUST.	CUST.
F101E	STORAGE	STORAGE
F101F	IDF	IDF
F102	STAGE ACCESS	STAGE ACCESS
F102B	STAGE ACCESS	STAGE ACCESS
F103	KITCHEN	KITCHEN
F103A	OFFICE	OFFICE
F103B	STAFF LOCKERS	STAFF LOCKERS
F103C	TOILET	TOILET
F103D	DRY FOOD STORAGE	DRY FOOD STORAGE
F103E	DISH WASH	DISH WASH
F103F	NON-FOOD STORAGE	NON-FOOD STORAGE
F103G	COOLER	COOLER
F103H	FREEZER	FREEZER
F104	CONCESS / BOOKSTORE	CONCESS / BOOKSTORE
F105	CUSTODIAL RECEIVING	CUSTODIAL RECEIVING
F106	ICE	ICE
F107	MECHANICAL	MECHANICAL
F108	IDF	IDF
G100A	GYM LOBBY	GYM LOBBY
G100B	CORRIDOR	CORRIDOR
G101	RESTROOMS	RESTROOMS
G101A	FAMILY RR	FAMILY RR
G101B	CUSTODIAL	CUSTODIAL
G101C	RR	RR
G101D	RR	RR
G101E	RR	RR
G101F	RR	RR
G101G	RR	RR
G101H	HC RR	HC RR
G101I	CHASE	CHASE
G102	MD STOR.	MD STOR.
G103	GYMNASIUM	GYMNASIUM
G103A	CUST.	CUST.
G104	PE STORAGE	PE STORAGE
G105	LOCKER VEST	LOCKER VEST
G105A	GIRLS LOCKER #2	GIRLS LOCKER #2
G105B	GIRLS TOILET	GIRLS TOILET
G105C	GIRLS LOCKER #1	GIRLS LOCKER #1
G106	INCLUS. LOCKER	INCLUS. LOCKER
G106A	INCLUS. RR	INCLUS. RR
G107	OFFICE	OFFICE
G107A	RR	RR
G108	LOCKER VEST	LOCKER VEST
G108A	BOYS LOCKER #2	BOYS LOCKER #2
G108B	BOYS TOILET	BOYS TOILET
G108C	BOYS LOCKER #1	BOYS LOCKER #1
G109	SOUND	SOUND
CH100A1	VESTIBULE	VESTIBULE
R1	STAIR RAMP	STAIR RAMP
ST1A	STAIR	STAIR
ST1B	STAIR	STAIR
ST1C	STAIR	STAIR
ST1D	STAIR	STAIR



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LEXINGTON, KENTUCKY



ELECTRICAL

PROJECT	2019111
DATE	09/27/21

REVISIONS

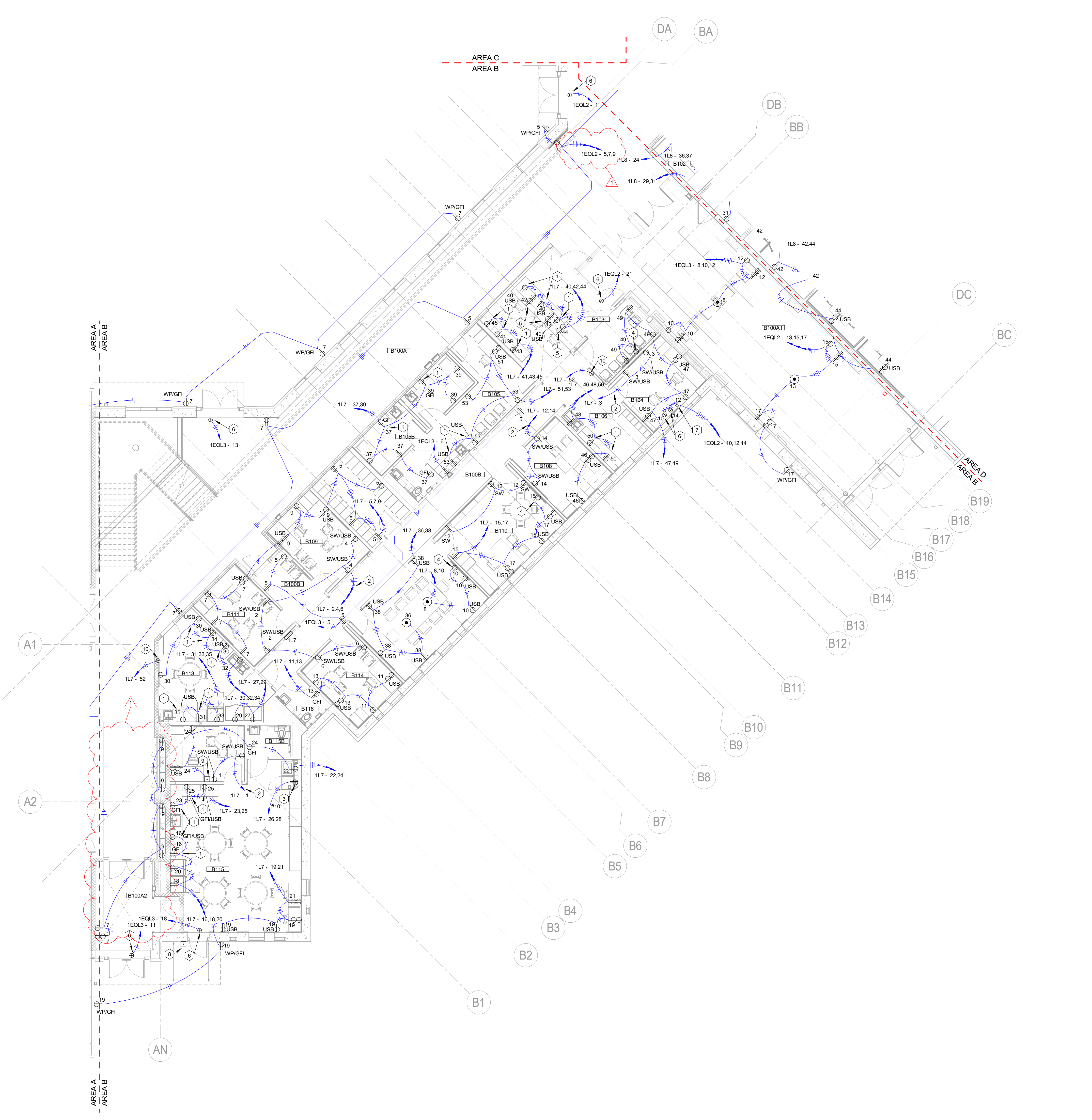
No.	Description	Date
1	Addendum #1	10/4/2021

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS IN ELECTRONIC OR ANY OTHER FORMAT IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO DISSEMINATE THE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RELATING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

FIRST FLOOR POWER PLAN - AREA B

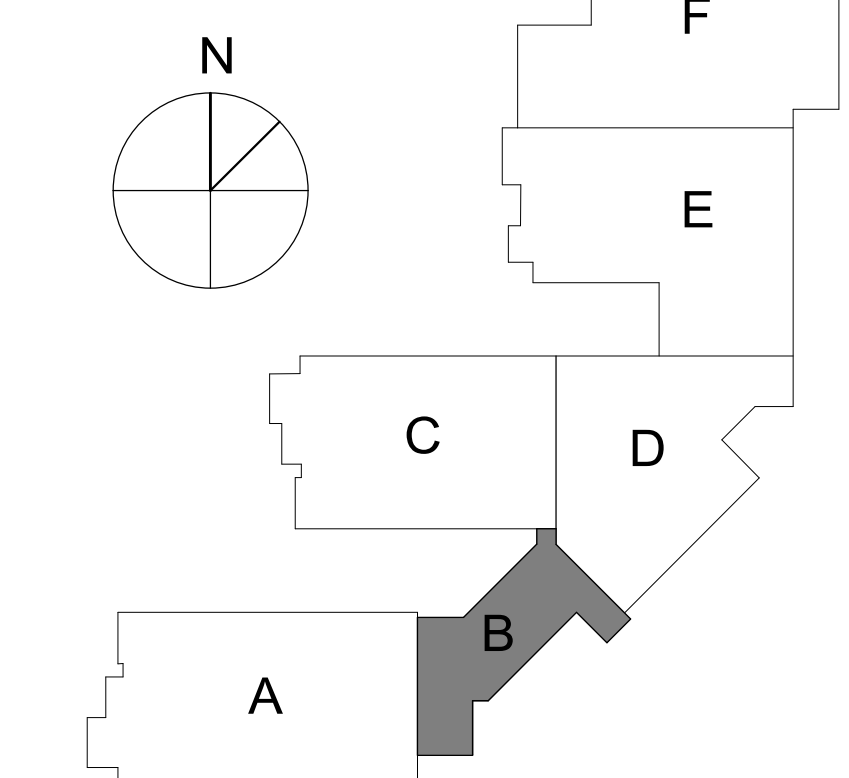
E-211B

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FIRST FLOOR POWER PLAN - AREA B
SCALE: 1/8" = 1'-0"

KEY PLAN



NOTE: IF IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN RISES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK, DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

- KITCHEN POWER GENERAL NOTES:**
- REFER TO FOOD SERVICE PLANS FOR ADDITIONAL WORK REQUIRED OF THE ELECTRICAL CONTRACTOR.
 - SEE FLOOR BOX DETAIL, THIS SHEET, FOR WORK AT ALL FLOOR BOXES SHOW ON THIS PLAN.
 - COORDINATE CONNECTIONS TO KITCHEN EQUIPMENT WITH FOOD SERVICE EQUIPMENT SHOP DRAWINGS PRIOR TO ROUGH-IN. PROVIDE CONNECTIONS TYPES (RECEPTACLE/ELECTRIC CONNECTION, PENDANT, ETC.), AT THE LOCATIONS/ELEVATIONS INDICATED ON THE APPROVED SHOP DRAWINGS.
 - ALL CIRCUITS CONNECTED TO EMERGENCY PANELS SHALL BE RUN WITH MINIMUM #10 CONDUCTORS.
 - ALL RECEPTACLES IN THE KITCHEN SHALL BE CONNECTED TO GFI PROTECTED BREAKERS WHETHER OR NOT INDICATED ON THE PANEL SCHEDULES.

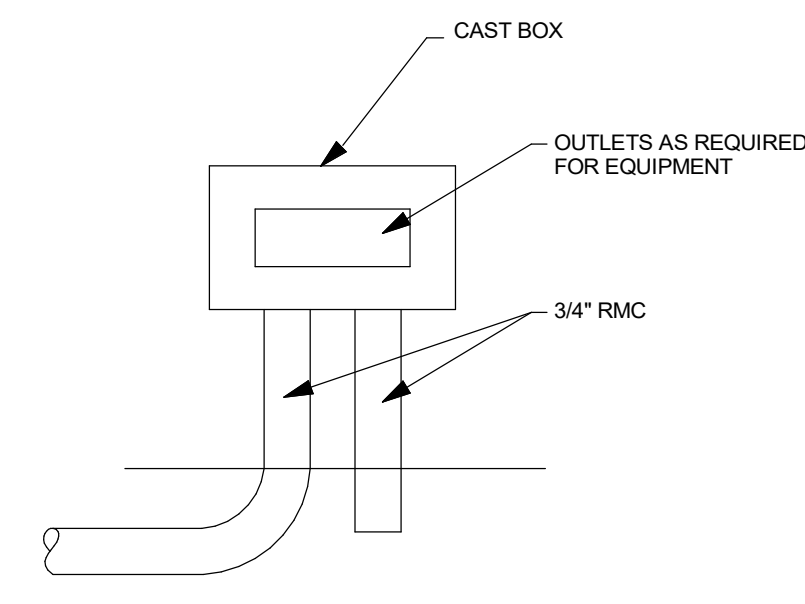
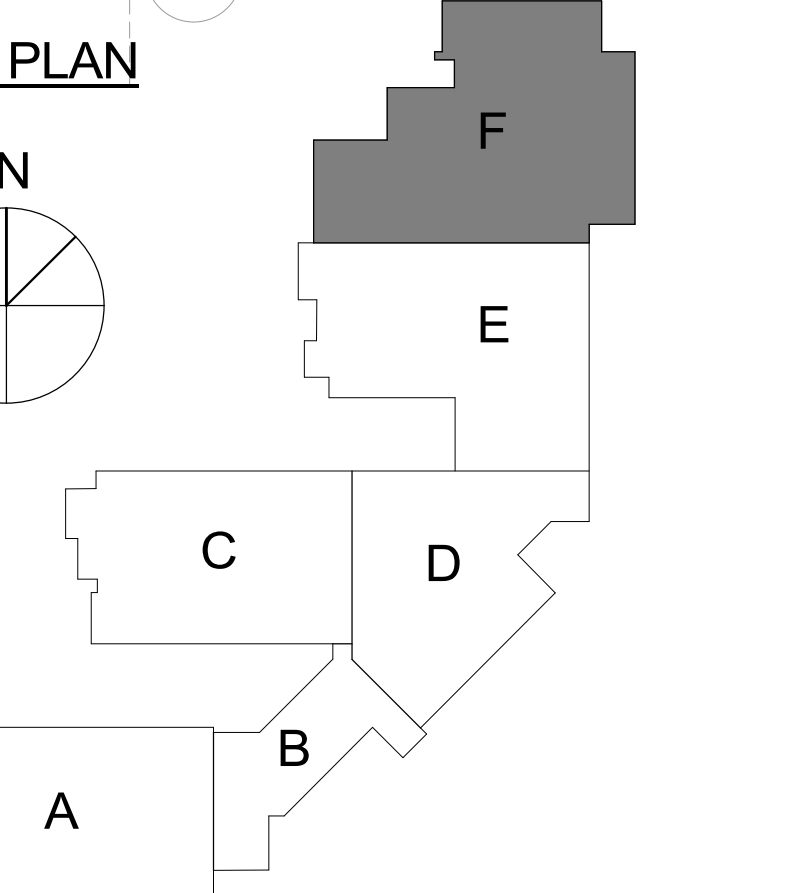
- CODED NOTES:**
- LOW VOLTAGE WINDOW SHADES POWER PANEL LOCATED ABOVE CEILING WITH CONNECTIONS TO LOW VOLTAGE WINDOW SHADES MOTORS (QUANTITY PER ARCHITECTURAL DRAWINGS). COORDINATE CABLING TYPE AND REQUIREMENTS WITH WINDOW SHADE SHOP DRAWINGS. COORDINATE WITH WINDOW SHADES INSTALLER.
 - CIRCUIT SHALL BE CONTROLLED BY LIGHTING CONTROL SYSTEM.
 - MAKE CONNECTION TO RECIRC. PUMP
 - 3#1 AND 1#6 GROUND IN 1-1/2" CONDUIT.
 - INSTALL DATA RECEPTABLES 2' ABOVE BACKSPLASH/COUNTER. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ELEVATION WITH HVAC DRAWINGS.
 - PROVIDE 120V GND DRIVER RECEPTABLE.
 - INSTALL 15A/2P/208V TOGGLE SWITCH AT SAME ELEVATION AS AP OFFICE. COORDINATE EXACT LOCATION AND ELEVATION WITH HVAC DRAWINGS.
 - CONDUITS TO BE STUBBED UP 4" ABOVE SLAB. SEE NOTE 25 ON SHEET U-100.
 - CONDUITS TO BE STUBBED UP 4" ABOVE SLAB. SEE NOTE 22 ON SHEET U-100.

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	
A100B	CORRIDOR	
A100C	CORRIDOR	
A100D	CORRIDOR	
A100E	CORRIDOR	
A101	CUST.	
A102	SCIENCE CLASSROOM	
A102A	SCIENCE STORAGE	
A103	CHASE	
A104	STORAGE	
A105	RESTROOMS	
A105A	RR	
A105B	RR	
A105C	RR	
A105D	RR	
A105E	RR	
A105F	RR	
A106	CLASSROOM	
A107	MEP	
A108	CLASSROOM	
A109	WORKROOM	
A110	CLASSROOM	
A111	AP OFFICE	
A112	CLASSROOM	
A113	(COMPUTER) FLEX / MAKER	
A114	CLASSROOM	
A115	RESTROOMS	
A115A	RR	
A115B	RR	
A115C	RR	
A115D	RR	
A115E	RR	
A115F	RR	
A116	CLASSROOM	
A117	CHASE	
A118A	RESOURCE	
A118B	RESOURCE	
A118	STAFF	

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A130	RESOURCE	
A131	CUST.	
A132	STORAGE	
A133	GUIDANCE	
A134	SCIENCE CLASSROOM	
A134A	SCIENCE STORAGE	
A135	ELECT.	
A136	CLASSROOM	
A137	STAFF	
A138	CLASSROOM	
A139	CLASSROOM	
A139A	RESOURCE	
A139B	RESOURCE	
A139C	RESOURCE	
A139D	RESOURCE	
A139E	RESOURCE	
A139F	RESOURCE	
A139G	RESOURCE	
A139H	RESOURCE	
A139I	RESOURCE	
A139J	RESOURCE	
A139K	RESOURCE	
A139L	RESOURCE	
A139M	RESOURCE	
A139N	RESOURCE	
A139O	RESOURCE	
A139P	RESOURCE	
A139Q	RESOURCE	
A139R	RESOURCE	
A139S	RESOURCE	
A139T	RESOURCE	
A139U	RESOURCE	
A139V	RESOURCE	
A139W	RESOURCE	
A139X	RESOURCE	
A139Y	RESOURCE	
A139Z	RESOURCE	

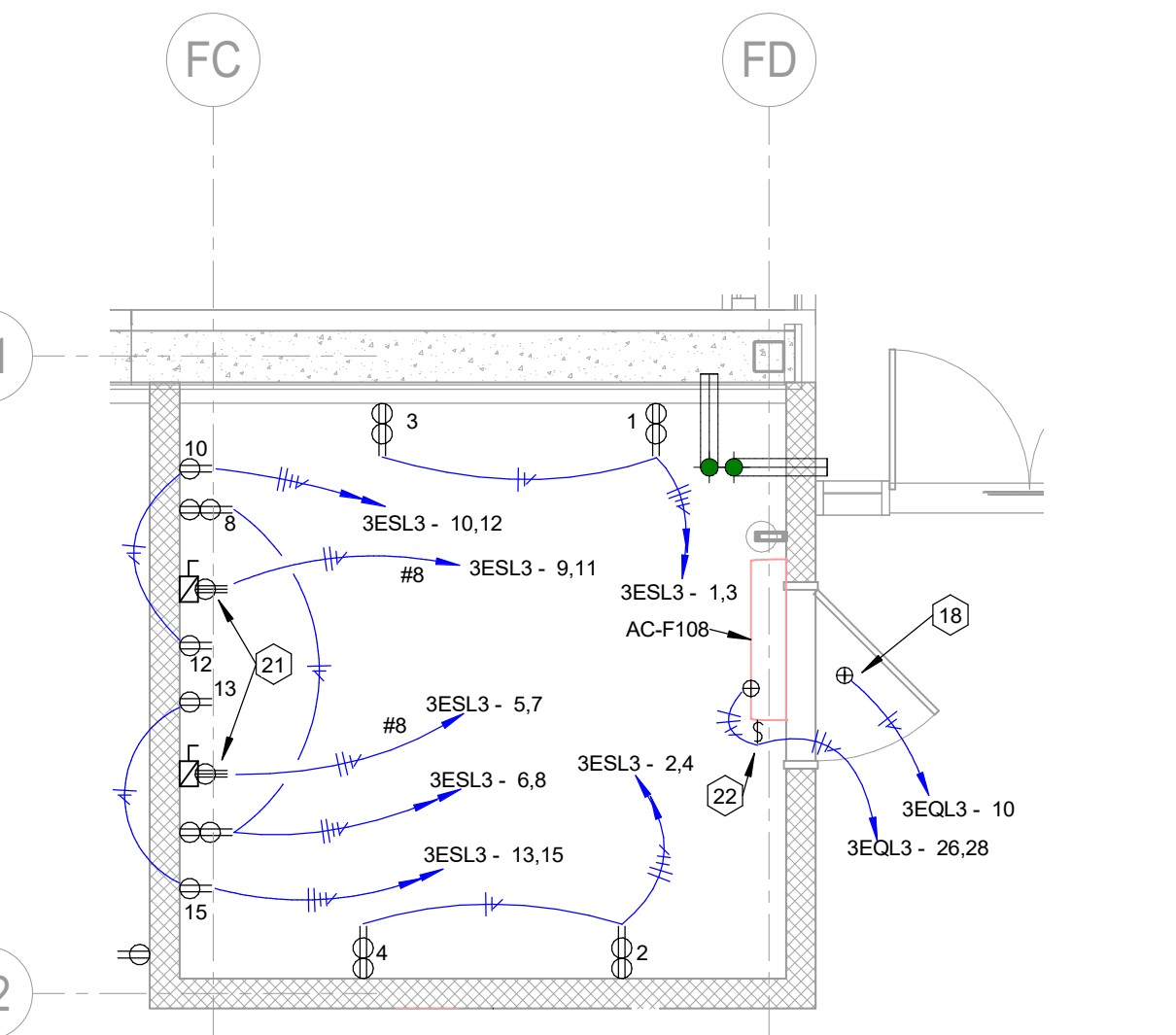
- CODED NOTES:**
- RECEPTACLE FOR BASKETBALL GOAL HOIST MOTOR. INSTALL ADJACENT TO MOTOR MOUNTED ON UNDERSIDE OF ROOF STRUCTURAL BEAM PROVIDED SWITCHING CONNECTION AS REQUIRED TO SWITCH INDICATED BY NOTE #2 THIS SHEET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
 - 30A/3P/208V NON-FUSED DISCONNECT. INSTALL BELOW BLEACHERS AND AT THE CENTER POINT OF THE HORIZONTAL LENGTH OF THE BLEACHERS. PROVIDE CONNECTION TO THE BLEACHER SYSTEM. EXTEND CIRCUIT FROM THE LOAD SIDE OF THE DISCONNECT TO JUNCTION BOXES 5' A.F.F. AT SECTION JOINTS. COORDINATE WITH BLEACHER SHOP DRAWINGS AND PROVIDE ROUGH-IN REQUIRED.
 - 30A/3P/208V FUSED DISCONNECT. FUSED AT 20 AMPS. COORDINATE EXACT LOCATION FOR DISCONNECT WITH ELECTRICAL INSPECTOR PRIOR TO INSTALLATION. DISCONNECT SHALL NOT BE LOCATED BELOW BLEACHERS.
 - PROVIDE RECEPTACLE FOR WATER COOLER. INSTALL RECEPTACLE BEHIND WATER COOLER SKIRT AND PER MANUFACTURER'S INSTRUCTIONS.
 - RECEPTACLE FOR GYMNASIUM PARTITION MOTOR. MOUNT RECEPTACLE TO UNDERSIDE OF ROOF STRUCTURAL BEAM. PROVIDE SWITCHING CONNECTION AS REQUIRED. SEE NOTE #15 THIS SHEET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
 - PROVIDE DIRECT CONNECTION TO KITCHEN DISPOSER AT 5' A.F.F.
 - PROVIDE DIRECT CONNECTION TO HOT WATER DISPENSER AT 5' A.F.F.
 - PROVIDE DIRECT CONNECTION TO KITCHEN DISPOSER FEED AT 5' A.F.F.
 - PROVIDE AND INSTALL DIRECT CONNECTION FOR DISHWASHER AT 5' A.F.F.
 - FED FROM ABOVE FOR KITCHEN ENERGY DISTRIBUTION CENTER. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER MAKE CONNECTION AS REQUIRED.
 - PROVIDE CONNECTION TO KITCHEN HOOD CONTROLS AND LIGHTS. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER.
 - TO SHUNT TRIP BREAKERS IN 1LK2 AND SWBD FROM KITCHEN ENERGY DISTRIBUTION CENTER. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER. PROVIDE CONNECTION AS REQUIRED.
 - MOTOR SWITCHES FOR BASKETBALL GOALS. SWITCHES PROVIDED WITH BASKETBALL GOAL MOTORS. INSTALL SWITCHES IN STACKED ROWS OF THREE. LABEL SWITCHES.
 - ONE MOTOR SWITCH IS FOR GYM PARTITION CURTAIN AND GYM SCREEN. PROVIDE SWITCHING CONNECTION WITH EQUIPMENT. INSTALL SWITCH ADJACENT TO BOTTOM ROW OF BASKETBALL GOAL SWITCHES AND LABEL.
 - PROVIDE 120V CONNECTION TO EMERGENCY SHOWER FLOW SWITCHES AND ALARM. PROVIDE 120V GND CONNECTIONS AS REQUIRED. REFER TO PLUMBING DETAILS.
 - PROVIDE CONNECTION TO WEATHERPROOF KITCHEN DOORBELL. INSTALL AT 48" A.F.F. TO TOP.
 - PROVIDE AND INSTALL RECEPTACLE FOR WATER SOFTENER. COORDINATE EXACT LOCATION AND ELEVATION WITH PLUMBING CONTRACTOR.
 - MAKE CONNECTION TO DOOR POWER SUPPLY. FIELD VERIFY.
 - DOORBELL BUZZER/LIGHT WITH 120V TRANSFORMER. INSTALL AT 5' A.F.F.
 - PROVIDE AND INSTALL GYM SCOREBOARD AT THIS LOCATION. SCOREBOARD IS TO BE INSTALLED AT APPROXIMATELY 25' 4" AFF AND IS TO BE CENTERED HORIZONTALLY ON THE GYM FLOOR. INSTALL DUPLEX RECEPTACLE FOR SCOREBOARD APPROXIMATELY 1' ABOVE TOP OF SCOREBOARD AND CENTERED HORIZONTALLY ON SCOREBOARD.
 - 40A/3P/208V FUSED DISCONNECT. OWNER WILL REQUIRE INSTALLATION OF A NEW 15/30 GFI 15-RECEPTACLE. COORDINATE RECEPTACLE TYPE NEEDED AT TIME OF INSTALLATION AND PROVIDE INSTALL RECEPTACLE REQUIRED. FUSE DISCONNECT PER RECEPTACLE INSTALLED. INSTALL RECEPTACLE BELOW DISCONNECT.
 - INSTALL 30A/2P/208V TOGGLE SWITCH AT SAME ELEVATION AS HVAC EQUIPMENT. COORDINATE EXACT LOCATION AND ELEVATION WITH HVAC DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO TRAP PRIMER, AS REQUIRED.
 - PROVIDE AND INSTALL RECEPTACLE FOR MIXING VALVE. COORDINATE EXACT LOCATION AND ELEVATION WITH PLUMBING CONTRACTOR.
 - PROVIDE ELECTRICAL CONNECTION TO WATER HEATER, AS REQUIRED.
 - (4) #1's & 1#6 GND. IN 1-1/2" C.
 - PROVIDE AND INSTALL RECEPTACLE FOR PROJECTOR. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO PROJECTOR SCREEN. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS. PROVIDE SWITCHING CONNECTION WITH SCREEN AND MAKE SWITCHING CONNECTION. SEE NOTE 15 THIS SHEET.

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
B100A	ENTRANCE LOBBY	
B100A2	VESTIBULE	
B100B	NO STOR.	
B101	MD STOR.	
B102	SRO	
B103	RECEPTION	
B104	ATTENDANCE	
B105	FIRST AID	
B105A	EXAM	
B105B	EXAM	
B105C	TOILET	
B106	MAIL	
B106F	RECORDS	
B108	SBDN OFFICE (BOOKKEEPER)	
B109	ADVANCE RECEPTION	
B110	PRINCIPAL	
B111	MENTAL HEALTH	
B112	SBDN CONFERENCE	
B113	WORKROOM	
B114	GUIDANCE OFFICE	
B115	OFFICE	
B115B	TOILET	
B116	STAFF	
B116B	CORRIDOR	
C100A	VEST	
C100B	CORRIDOR	
C100C	CORRIDOR	
C100D	CORRIDOR	
C100E	CORRIDOR	
C101	CUST.	
C102	CHASE	
C103	CLASSROOM	
C104	RESTROOMS	
C105	RR	
C105A	RR	
C105B	RR	
C105C	RR	
C105D	RR	
C105E	RR	
C105F	RR	
C106	CLASSROOM	
C107	CLASSROOM	
C108	CLASSROOM	
C109	IDF	
C110	CLASSROOM	
C111	HEALTH SCIENCE	
C112	FMD	
C112A	TOILET	
C113	RESOURCE (OCCUP. THERAPY)	
C114	FMD	
C114A	TOILET	
C114B	STORAGE	
C115	RESTROOMS	
C115A	RR	
C115B	RR	
C115C	RR	
C115D	RR	
C115E	RR	
C116	CLASSROOM	
C117	CHASE	
C118	VO-AG LAB	
C118A	VO-AG TOOLS	
C118B	VO-AG STOR.	
C119	STAFF	
C120	VO-AG CLASSROOM	
C121	CUST.	
C122	CLASSROOM	
C123	ELECT.	
C124	CLASSROOM	
C125	STAFF	
C126	ART (DIGITAL)	
C128A	OFFICE STOR.	
C128B	ART (TRADITIONAL)	
C128C	HLX	
D128P	ART DISPLAY	
D128Q	MEDIA CENTER	
D101A	BROADCAST STUDIO	
D101B	MEDIA CENTER STORAGE	
D101C	INSER	
D101H	WORKROOM	
D102	WORKROOM	
D102C	SMALL STUDY	
D102D	SMALL STUDY	
D102E	SMALL STUDY	
D102F	SMALL STUDY	
D103	FLEX OFFICE	
E100A	CORRIDOR	
E100B	CORRIDOR	
E101	FAMILY CONSUMER SCIENCE	
E101A	STORAGE	
E102	CLASSROOM	
E103	ORCHESTRA	
E103A	PRACTICE	
E103B	PRACTICE	
E103C	OFFICE	
E103D	STAGE	
E104	HAND ROOM	
E104A	OFFICE	
E104B	PRACTICE	
E104C	PRACTICE	
E104D	PRACTICE	
E105	HC TOILET	
E106	TOILET	
E107	TOILET	
E108	TOILET	
E110	VOCAL ROOM	
E111	STORM MECHANICAL	
E111A	GENERATOR ROOM	
E11	ELEVATOR	
F100A	CORRIDOR	
F101	CAFETERIA	
F101A	STORAGE	
F101B	CUST.	
F101C	STORAGE	
F101D	IDF	
F102	STAGE ACCESS	
F102B	NTCHEN	
F103	STAGE ACCESS	
F103A	OFFICE	
F103B	STAFF LOCKERS	
F103C	TOILET	
F103D	DRY FOOD STORAGE	
F103E	DISH WASH	
F103F	FREEZER	
F103G	COOLER	
F103H	NON-FOOD STORAGE	
F104	CONCESS / BOOKSTORE	
F105	CUSTODIAL RECEIVING	
F106	ICE	
F107	MECHANICAL	
F108	IDF	
G100A	GYM LOBBY	
G100B	CORRIDOR	
G101	RESTROOMS	
G101A	FAMILY RR	
G101B	CUSTODIAL	
G101C	RR	
G101D	RR	
G101E	RR	
G101F	RR	
G101G	RR	
G101H	HC RR	
G101J	CHASE	
G102	NO STOR.	
G103	GYMNASIUM	
G104	PE STORAGE	
G105	CUST.	
G105A	LOCKER VEST	
G105B	GIRLS LOCKER #2	
G105C	GIRLS TOILET	
G105D	GIRLS LOCKER #1	
G106	INCLUS. LOCKER	
G106A	INCLUS. RR	
G107	OFFICE	
G107A	RR	
G107B	LOCKER VEST	
G107C	BOYS LOCKER #2	
G107D	BOYS TOILET	
G107E	BOYS LOCKER #1	
G109	SOUND	
CH101A1	VESTIBULE	
ST1	STAIR	
ST1A	STAIR	
ST1C	STAIR	
ST1D	STAIR	

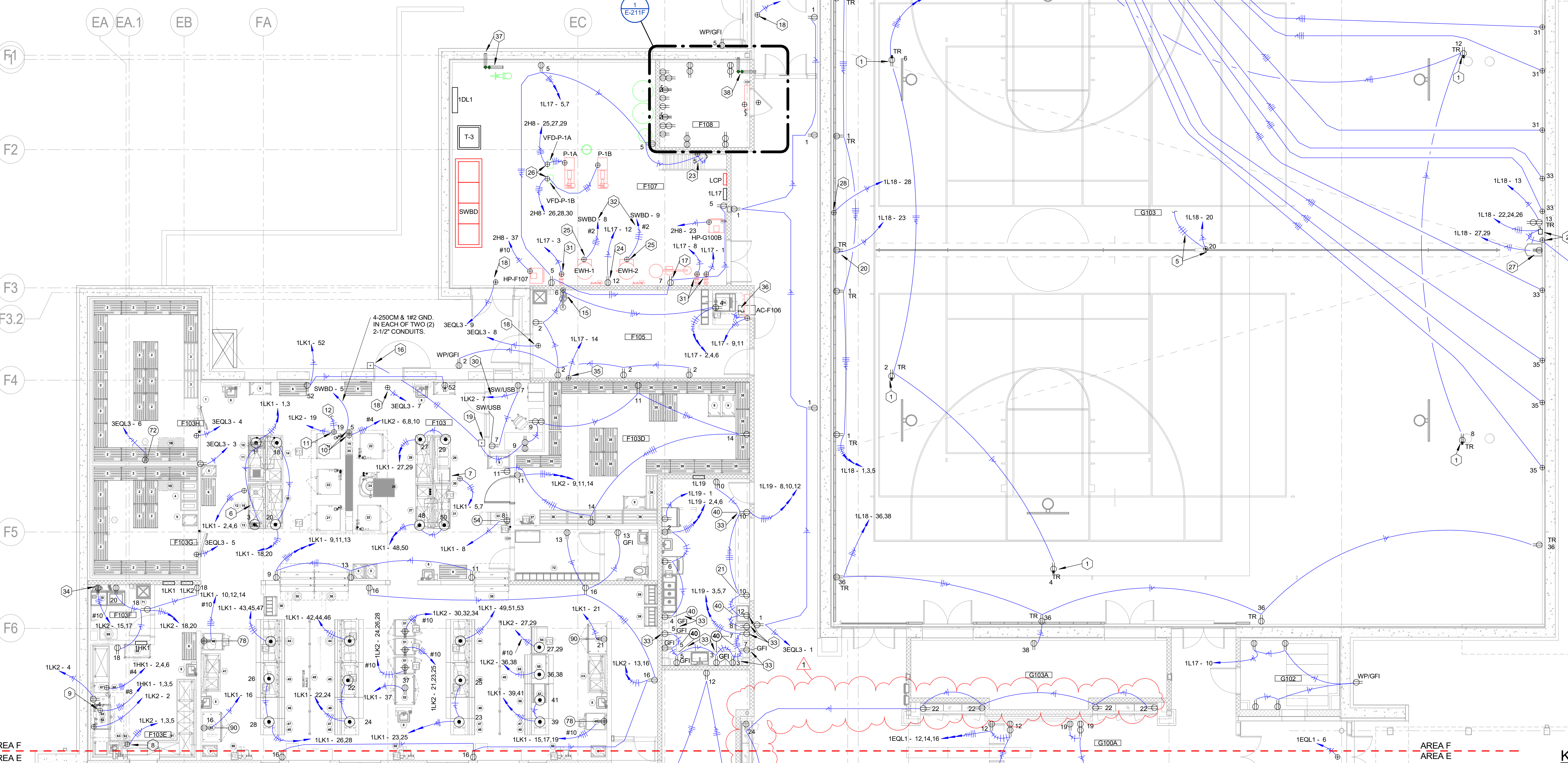


NOTE:
COORDINATE RECEPTACLE HEIGHT WITH KITCHEN EQUIPMENT CUT SHEETS SUCH THAT OUTLETS WILL BE BELOW EQUIPMENT AND WILL NOT INTERFERE WHEN MOVING EQUIPMENT.

FLOOR BOX DETAIL
SCALE: NONE



ENLARGED POWER PLAN - F108
SCALE: 1/4" = 1'-0"

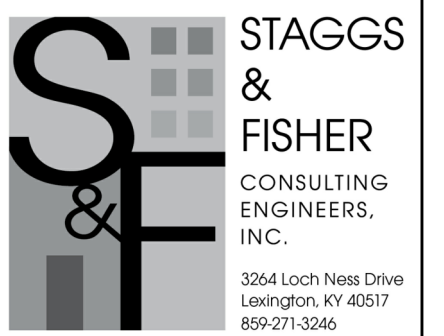
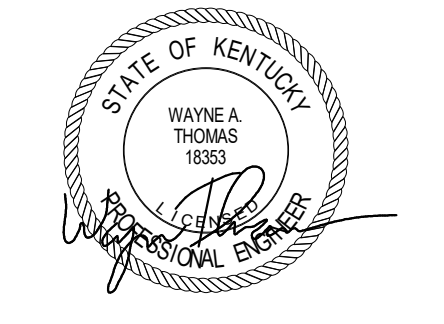


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GENERAL NOTES:
PROVIDE COPY OF ALL COMPLETED PANEL SCHEDULES IN THE O&M MANUAL.

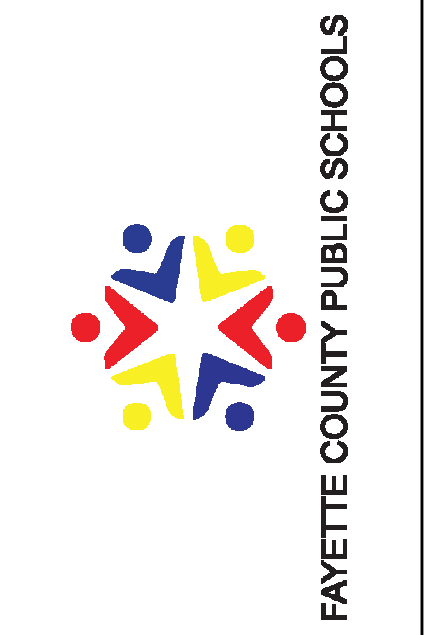


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CONSTRUCTION DOCUMENTS
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ELECTRICAL

PROJECT 2019111
DATE 09/27/21

Table with 3 columns: No., Description, Date. Row 1: 1, Addendum #1, 10/4/2021

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ELECTRICAL PANEL SCHEDULES

E-410

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Switchboard: SWBD. Location: MECHANICAL F107. Supply From: CONCRETE PAD. Enclosure: NEMA 1. A.I.C. Rating: 65,000. Mains Type: MCB. MCB/MLO Rating: 3000. Phases: 3. Wires: 4. Notes: SERVICE ENTRANCE RATED: GFCI MAIN CIRCUIT BREAKER. Table with 5 columns: CKT, Circuit Description, # of Poles, Trip Rating, Load, Remarks.

Switchboard: 1DL1. Location: MECHANICAL F107. Supply From: T-3. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 22,000. Mains Type: MCB. MCB/MLO Rating: 800. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, # of Poles, Trip Rating, Load, Remarks.

Branch Panel: 1EQH2. Location: ELECT. C123. Supply From: 1EQDH. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 42,000. Mains Type: MLO. MCB/MLO Rating: 100. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT.

Distribution Board: 1EQDH. Location: GENERATOR ROOM E111A. Supply From: ATS - EQ. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 42,000. Mains Type: MCB. MCB/MLO Rating: 200. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, # of Poles, Trip Rating, Load, Remarks.

Branch Panel: 1EQH3. Location: ELECT. A125. Supply From: 1EQDH. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 42,000. Mains Type: MCB. MCB/MLO Rating: 100. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT.

Branch Panel: 1EQH1. Location: MECH PLATFORM E301. Supply From: 1EQDH. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 42,000. Mains Type: MLO. MCB/MLO Rating: 100. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT.

Branch Panel: 1EQL1. Location: MECH PLATFORM E301. Supply From: ET-1Q. Mounting: SURFACE. Enclosure: TYPE 1. A.I.C. Rating: 22,000. Mains Type: MCB. MCB/MLO Rating: 100. Phases: 3. Wires: 4. Notes: Table with 5 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT.

Distribution Board: 1ESDH
 Location: GENERATOR ROOM E111A
 Supply From: ATS - LS
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 480/277 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 42,000
 Mains Type: MCB
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	PANEL 1ESH2	3	225 A	80197 VA	
2	PANEL 1ESH3	3	100 A	16228 VA	
3	PANEL 1ESH4	3	100 A	18672 VA	
4	PANEL 1ESH5	3	100 A	16553 VA	
5	PANEL 1ESH4	3	100 A	12425 VA	
6	PANEL 1ESH1	3	100 A	27195 VA	
7	SPARE	3	100 A	0 VA	
8	SPACE	--	--	0 VA	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
				170636 VA	
				205 A	

Notes:

Branch Panel: 1ESH3
 Location: ELECT A125
 Supply From: 1ESDH
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 480/277 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 42,000
 Mains Type: MLO
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	LTG - CORRIDOR A100B	20 A	1	2618 VA	3703 VA			1	20 A	LTG - CORRIDOR B100A	2
3				3589 VA	0 VA			1	20 A	SPARE	4
5	ET-35	50 A	3	3285 VA	0 VA	5593 VA	0 VA	1	20 A	SPARE	6
7				0 VA	0 VA			1	20 A	SPARE	8
9	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	10
11	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	12
13	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	14
15	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	16
17	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	18
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20
21	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	22
23	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	28
29	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	30
				Total Load:	9558 VA	3589 VA	5593 VA				
				Total Amps:	36 A	13 A	21 A				

Branch Panel: 1ESL3
 Location: ELECT A125
 Supply From: ET-35
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 22,000
 Mains Type: MCB
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	RECS - MDF A107	20 A	1	360 VA	2500 VA			2	40 A	RECS - MDF A107	2
3	RECS - MDF A107	20 A	1	360 VA	2500 VA			1	20 A	RECS - MDF A107	4
5	RECS - MDF A107	20 A	1		360 VA	360 VA		1	20 A	RECS - MDF A107	6
7	RECS - MDF A107	20 A	1	360 VA	360 VA			1	20 A	RECS - MDF A107	8
9	RECS - MDF A107	20 A	1	2500 VA	180 VA			1	20 A	RECS - MDF A107	10
11	RECS - MDF A107	40 A	2		2500 VA	180 VA		1	20 A	RECS - MDF A107	12
13	RECS - MDF A107	20 A	1	180 VA	0 VA			1	20 A	SPARE	14
15	RECS - MDF A107	20 A	1	180 VA	0 VA			1	20 A	SPARE	16
17	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	18
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20
21	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	22
23	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	28
29	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	30
				Total Load:	5593 VA	3365 VA					
				Total Amps:	30 A	47 A	27 A				

Branch Panel: 1EQL3
 Location: ELECT A125
 Supply From: ET-30
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 22,000
 Mains Type: MCB
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	RECS - CORRIDOR A100A	20 A	1	720 VA	540 VA			1	20 A	RECS - CORRIDOR A100B	2
3	RECS - CORR A100A	20 A	1		720 VA	540 VA		1	20 A	RECS - CORRIDOR A100B	4
5	RECS - CORR B100B	20 A	1		720 VA	540 VA		1	20 A	RECS - FIRST AID B105	6
7	DOOR POWER SUPPLY ST1	20 A	1	120 VA	180 VA			1	20 A	RECEPTACLES ENTRANCE LOBBY B100A1	8
9	DOOR POWER SUPPLY CORRIDOR A100A	20 A	1		120 VA	360 VA		1	20 A	RECS - ENTRANCE LOBBY B100A1	10
11	DOOR POWER SUPPLY B100A2	20 A	1		120 VA	540 VA		1	20 A	RECS - ENTRANCE LOBBY B100A1	12
13	DOOR POWER SUPPLY B100A	20 A	1	120 VA	120 VA			1	20 A	DOOR POWER SUPPLY A107	14
15	HVAC - AC-107	15 A	2		42 VA	120 VA		1	20 A	DOOR POWER SUPPLY CORRIDOR A100B	16
17					42 VA	120 VA		1	20 A	DOOR POWER SUPPLY B115	18
19	RECS - ELECT A127	20 A	1	180 VA	0 VA			1	20 A	SPARE	20
21	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	22
23	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	28
29	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	30
31	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	32
33	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	34
35	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	36
37	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	38
39	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	40
41	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	42
				Total Load:	1980 VA	1902 VA	2542 VA				
				Total Amps:	17 A	16 A	21 A				

Branch Panel: 1ESH2
 Location: ELECT C123
 Supply From: 1ESDH
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 480/277 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 42,000
 Mains Type: MLO
 MCB/MLO Rating: 225

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	LTG - CORRIDOR C100B	20 A	1	2911 VA	20775...						2
3				4160 VA	20775...			3	110 A	ELEVATOR	4
5	TRANSFORMER ET-25	50 A	3	6776 VA	0 VA	4413 VA	20775...				6
7				0 VA	0 VA			1	20 A	SPARE	8
9	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	10
11	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	12
13	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	14
15	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	16
17	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	18
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20
21	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	22
23	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	24
				Total Load:	30272 VA	24805 VA	25133 VA				
				Total Amps:	109 A	90 A	91 A				

Branch Panel: 1ESL2
 Location: ELECT C123
 Supply From: ET-25
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 22,000
 Mains Type: MCB
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	PANEL - FACP - ELECT C123	20 A	1	120 VA	180 VA			1	20 A	RECS - IDF C109	2
3	ELEVATOR CAB	30 A	1	800 VA	2500 VA			2	40 A	RECS - IDF C109	4
5	RECS - IDF C109	20 A	1		360 VA	2500 VA		1	20 A	RECS - IDF C109	6
7	RECS - IDF C109	20 A	1	360 VA	180 VA			1	20 A	RECS - IDF C109	8
9	SPARE	20 A	1	0 VA	180 VA			1	20 A	RECS - IDF C109	10
11	RECS - IDF C109	40 A	2		2500 VA	180 VA		1	20 A	RECS - IDF C109	12
13	RECS - IDF C109	20 A	1	2500 VA	180 VA			1	20 A	RECS - IDF C109	14
15	RECS - ELEVATOR EL1	20 A	1	216 VA	360 VA			1	20 A	RECS - IDF C109	16
17	SUMP PUMP ELEVATOR PIT	20 A	1	1176 VA	360 VA			1	20 A	RECS - IDF C109	18
19	RECS - IDF C109	20 A	1	360 VA	500 VA			1	20 A	RECS - IDF C109	20
21	RECS - IDF C109	20 A	1		360 VA	180 VA		1	20 A	RECS - IDF C109	22
23	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	28
29	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	30
				Total Load:	4160 VA	4413 VA	6776 VA				
				Total Amps:	35 A	37 A	57 A				

Branch Panel: 1EQL2
 Location: ELECT C123
 Supply From: ET-20
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 22,000
 Mains Type: MCB
 MCB/MLO Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	DOOR POWER SUPPLY B100A	20 A	1	120 VA	120 VA			1	20 A	DOOR POWER SUPPLY C100A1	2
3	DOOR POWER SUPPLY C100C	20 A	1	120 VA	120 VA			1	20 A	DOOR POWER SUPPLY C109	4
5	RECS - Room B100A, B100A	20 A	1		1080 VA	720 VA		1	20 A	RECS - CORRIDOR C100B	6
7	RECS - Room B100A, B100A2	20 A	1	900 VA	720 VA			1	20 A	RECS - CORRIDOR C100B	8
9	RECS - CORRIDOR B100A	20 A	1		720 VA	120 VA		1	20 A	DOOR POWER SUPPLY B100A1	10
11	RECS - CORRIDOR C100A	20 A	1		720 VA	600 VA		1	20 A	DOOR POWER SUPPLY B100A1	12
13	RECEPTACLES ENTRANCE LOBBY B100A1	20 A	1	180 VA	120 VA			1	20 A	DOOR POWER SUPPLY B100A1	14
15	RECS - ENTRANCE LOBBY B100A1	20 A	1		540 VA	0 VA		1	20 A	SPARE	16
17	RECS - ENTRANCE LOBBY B100A1	20 A	1		540 VA	0 VA		1	20 A	SPARE	18
19	DOOR POWER SUPPLY VO-AG LAB C118	20 A	1	120 VA	540 VA			1	20 A	RECS - EMR C102	20
21	DOOR POWER SUPPLY RECEPTION	20 A	1		120 VA	42 VA		2	20 A	HVAC - AC-C109	22
23	DOOR POWER SUPPLY ST1C1	20 A	1		120 VA	42 VA		1	20 A	SPARE	24
25	RECS - ELECT C123	20 A	1	180 VA	0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	28
29	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	30
31	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	32
33	SPARE	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	34
35	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	36
37	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	38
39	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	40
41	SPARE	20 A	1		0 VA	0 VA	0 VA	1	20 A	SPARE	42
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