



AIA® Document G731™ – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: *(name and address)*
Christian County High School

5185 Fort Campbell Blvd
Hopkinsville, KY 42240

OWNER: *(name and address)*
Christian County Board of Education
200 Glass Avenue Hopkinsville, KY 42240

CONTRACTOR: *(name and address)*
Kentucky Mirror & Plate Glass
738 State Street Bowling Green, KY 42101

CONTRACT INFORMATION:
Contract For: BP 084-04 Alum Frame
Ent Storefront Curtain
Date: September 08, 2023

CHANGE ORDER INFORMATION:
Change Order Number: 056
Date: December 12, 2024

ARCHITECT: *(name and address)*
Hafer PSC
101 E. Second Street, Suite 101 Owensboro, KY 42303
CONSTRUCTION MANAGER: *(name and address)*
Alliance Corporation
116 E. College Street Glasgow, KY 42141

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Access control modifications per PR #24. Window 40 revisions.

The original Contract Sum was	\$	1,234,393.00
Net change by previously authorized Change Orders	\$	54,249.00
The Contract Sum prior to this Change Order was	\$	1,288,642.00
The Contract Sum will be decreased by this Change Order in the amount of	\$	(1,513.00)
The new Contract Sum including this Change Order will be	\$	1,287,129.00

The Contract time will be unchanged by Zero(0) days.
The Contractor's Work shall be substantially complete on .

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

ARCHITECT *(Signature)*

BY: Eric Rang, Hafer PSC
(Printed name, title, and license number if required)

Date

CONSTRUCTION MANAGER *(Signature)*

BY: Kevin Hitchel, Alliance Corporation
(Printed name and title)

Date

CONTRACTOR *(Signature)*

BY: Josh Abner, Kentucky Mirror & Plate Glass
(Printed name and title)

Date

OWNER *(Signature)*

BY: Christopher Bentzel, Christian County Board of Education
(Printed name and title)

Date



PROPOSED CHANGE ORDER

PROJECT Christian County High School

CONTRACTOR/SUPPLIER KY Mirror

BID PACKAGE 084

DETAIL ITEM	AMOUNT
LABOR	\$ (2,645.00)
MATERIALS	\$ 1,132.00
PROFIT & OVERHEAD	
BOND INSURANCE	
COST BREAKDOWN TOTAL	\$ (1,513.00)

DESCRIPTION

Access Control Modifications per PR #24

Window 40 Revisions

PR # 24 and N/A (ATTACH PR)

CHANGE ORDER INITIATED BY:

- ARCHITECT/ENGINEER
- OWNER
- CONTRACTOR
- CM
- CODE OFFICIAL
- OTHER _____

PLEASE INCLUDE THIS FORM WITH EVERY CHANGE ORDER.

PROPOSAL REQUEST

Project: Christian County High School
5185 Ft. Campbell Blvd
Hopkinsville, KY 42240

PR No.: 024

Date: October 22, 2024

Owner: Christian County Public Schools
222 Glass Ave
Hopkinsville, KY 42240

Project Number: 2106-204

Contract for:

To: **Kevin Hitchel**
Alliance Corporation
116 E. College Street
Glasgow, KY 42141

RE: Access Control System Modifications

This PR replaces PR16. All electrical items remain unchanged from PR16, so i have included those items from original PR. Atlas and KMPG to review new scope of work on cover sheet and refer to new Offline Access Control Spec 087100 for all items covered under new Salto bid.

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein. THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description:

THIS PR IS A REVISION OF PR16. PR16 is now null and void. Salto products for rebid will be using 087101 specification for Offline Access Control Door Hardware. All items not substituted in 087101 or mentioned below shall remain.

Revise door hardware to include the following changes:

1. Access control items will be rebid to Salto systems per attached hardware set for reference. Atlas is to delete levers and KMPG is to remove exterior panic device trim for doors listed on Offline Access Control Door Hardware - 087101 and as shown in the attached Floor Plan 'AC-CTRL' where Salto devices are specified.
2. At Base Bid hardwired access controlled doors:
 - a) Remove all requests to exit, power supplies, card readers and other such items as listed in attached hardware set specification which will now be provided by Salto. Please note some doors will be changed to 'offline' Salto Hardware as shown in the plan and specification.

B) Refer to Offline Access Control Door Hardware Specification 087101, revised Electrical drawings and itemized list of changes, and new Overall Plan 'AC-CNTRL' for additional information.

3. Change alternate bid 'offline' doors (Sets 19 and 20) to be provided by Salto as shown in the Offline Access Control Door Hardware 087101 and new Overall Plan 'AC-CNTRL'. Please note, some openings from revert to non-electrified hardware.

NEW ACCESS CONTROL BID (SALTO) TO:

- Furnish and Install Electrical Locks as specified in the revised hardware sets.
- Furnish and Install Exit Trim (outside lever, alignment kit, battery and escutcheon) as specified in the revised hardware sets
- Installation of exit device provided by Bid Package 080
- Furnish and Install REX & Power Supplies.
- Furnish and Install Card Readers.
- Furnish and Install Access Control System and components as shown in 'Set #AC Access Control System'.
- Program system & coordinate data wiring in racks with data cabling installer.
- Provide submittals to CM/Architect for coordination.
- Provide ATLAS and KMPG with templates for door hardware prep.
- Adhere to new prevailing wage rates
- *No Door Position Switches
- Hardware must be prepped to receive Best cores.

ATLAS TO:

- Delete Locksets where Salto is indicated to provide locksets.
- Delete Exit Trim where Salto is indicated to provide exit trim
- Delete installation costs of Salto provided hardware sets.
- Delete Exit Trim on select rooms with multiple doors (science rooms, business classrooms, CTE Spaces. Ie #20a) where second door is required for egress (these are not access control doors); prep. For potential future installation.
- Delete Access Control System
- Delete any REX & Power Supplies
- Delete dogging function from any exit devices
- Keep Door Position Switches in price.
- Delete provide and install cores and cylinders for all doors.
- Delete installation of exit devices (Atlas will only provide the exit device to Salto partner for installation)
- Provide all exit devices with LD (less dogging) option.

KMPG TO:

- Most openings general door hardware will remain as originally specified for access control as they are still wired.
- A few openings (B127.1, C113.1, C113.2) will have substituted Salto Devices. Coordinate with Salto for door prep.
- Delete any REX & Power Supplies
- Delete dogging function from any exit devices
- Keep Door Position Switches in contract price.
- Change powered panic/hinges to Electric Strike on keyed removable mullion
- Change frames to include the 'wire run' from edge of frame to edge of frame (this is from last on-site meeting conversation).
- Delete installation of exit devices (KY Mirror will only provide the exit device to Salto partner for installation)
- Alter banks of vestibule doors so that only one door in each bank shall be outfitted with keyed entry: (**Bold** openings to receive keyed entry, other doors to have keyed entry removed)
A100A.2, A100A.2, **A100A.3** // **A100E.1**, A100E.2 // B100A.2, B100A.2, **B100A.3** // F100A.1, F100A.2, **F100A.3** // F100A.4, F100A.5, **F100A.6** // F100B.1, F100B.2, **F100B.3** // H100B.1, **H100B.2**
- Provide all exit devices with LD (less dogging) option.

MISC ITEMS:

- ICC500 doors to remain as originally specified (no Salto Substitute)

STATE ELEC TO:

- Run wiring and conduit as required in original bid and as modified in PR-016. Items remained unchanged in this PR so original PR#16 is still present on revised electrical drawings.
- Coordinate with Access Control Provider on wiring and installation.
- Provide and install Category 6 cable from BX75 to each Comm. Room.
- Provide and install wiring from BX75 to each door.

CCPS ITEMS:

- Provide and install cores and cylinders for all doors and mullions.

Attachments: - OFFLINE ACCESS CONTROL DOOR HARDWARE 087101;
- Overall Floor Plan 'AC-CTRL';
- Itemized list of Changes to Electrical Drawings,
- Revised Electrical Drawings (Not changed from PR16): E1.1 Rev 1, E2.1A Rev 3, E2.1B Rev 3, E2.1B-ALT Rev 4, E2.1D Rev 3, E2.1E Rev 2, E2.1 F Rev 4, E2.1G Rev 2, E2.1H Rev 3, E2.1J Rev 2, E2.1K Rev 3, E2.2D Rev 2, E2.2E Rev 2, E2.2G Rev 2, E2.2J Rev 2, E3.1A Rev 1, E3.1B Rev 2, E3.1B-ALT Rev 1, E3.1C Rev 1, E3.1D Rev 1, E3.1E Rev 2, E3.1F Rev 1, E3.1G Rev 1, E3.1H Rev 1,

E3.1J Rev 1, E3.1K Rev 1, E3.2B-ALT Rev 1, E3.2D Rev 1, E3.2E Rev 1, E3.2F Rev 1, E3.2G Rev 1, E3.2H Rev 1, E3.2J Rev 1, E6.1 Rev 3, E6.3 Rev 4, E6.4 Rev 4, E6.5 Rev 3, E6.6 Rev 2, E6.7 Rev 3, E6.9 Rev 3, E6.10 Rev 3, E6.11 Rev 5, E6.12 Rev 2, E6.13 Rev 4, E6.14 Rev 1, E6.17 Rev 3, E7.3 Rev 3

By: Eric Rang, Matt Brockman

CC:

SECTION 087101 – OFFLINE ACCESS CONTROL DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:

- 1. Commercial offline door hardware for the following:

- a. Swinging doors.

- 2. Request to Exits

- 3. Power supplies and softw

- B. Related Sections include the following:

- 1. Division 08 Section "Hollow Metal Doors and Frames" for astragals provided as part of fire-rated labeled assemblies and for door silencers provided as part of hollow-metal frames.

- 2. Division 08 Section "Aluminum Frames" for door silencers provided as part of frames.

- 3. Division 08 Section "Flush Wood Doors" for astragals and integral intumescent seals provided as part of fire-rated labeled assemblies.

- 4. Division 08 Section "Coiling Security Grilles" for door hardware provided as part of overhead door assemblies.

- 5. Division 08 Section "Aluminum-Framed Entrances and Storefronts" for entrance door hardware, including cylinders.

- 6. Division 08 Section "Door Hardware "

- 7. Division 28 Section "Conduit and Raceways for Cabling for Access Control Systems" for wiring and conduit for access control systems.

- C. Products not provided, under this Section include the following:

- 1. Permanent cores to be furnished and installed by Owner.**

1.3 SUBMITTALS

- A. Product Data: Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.

- B. Maintenance Data: For each type of door hardware to include in maintenance manuals.
- C. Other Action Submittals:
 - 1. Door Hardware Sets: Prepared by or under the supervision of an Architectural Hardware Consultant, detailing fabrication and assembly of door hardware, as well as procedures and diagrams.
 - 2. Rough-In diagrams to provide for to the door manufacturer.
 - a. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 - b. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents.
 - c. Content: Include the following information:
 - 1) Type, style, function, size, quantity, and finish of each door hardware item, including handing & door number. Include description and function of each lockset and exit device.
 - 2) Explanation of abbreviations, symbols, and codes contained in schedule.
 - 3) Description of each electrified door hardware function, including location, sequence of operation, and interface with other building control systems.
 - a) Sequence of Operation: Include description of component functions.
 - d. Submittal Sequence: Submit the final door hardware sets at earliest possible date, particularly where approval of the door hardware sets must precede fabrication of other work that is critical in Project construction schedule. Include Product Data, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the door hardware sets.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.
- B. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use as applicable.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification related to the final door hardware sets, and include basic installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.

- D. Deliver keys and permanent cores to Owner by registered mail or overnight package service.

1.6 COORDINATION

- A. Templates: Distribute door hardware templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- B. Electrical System Roughing-in: Coordinate layout and installation of electrified door hardware with connections to power supplies, fire alarm system and detection devices, access control system, security system and building control system.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.

1.Failures include, but are not limited to, the following:

- a. Faulty operation of operators and door hardware.
- b. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.

2.Warranty Period: One (1) year from date of Substantial Completion, or manufacture's standard warranty, whichever is longer.

1.8 MAINTENANCE SERVICE

- A. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer.

1.9 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in this Section and door hardware sets indicated in door and frame schedule and door hardware sets indicated in Part 3 "Door Hardware Sets".

1.Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and [named manufacturers' products, products equivalent in function and comparable in quality to named products, products complying with BHMA standard referenced.

2.Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.

- B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Sets" Article. Products are identified by using door hardware designations, as follows:
1. Named Manufacturers' Products: Manufacturer and product designation are listed for each door hardware type required for the purpose of establishing minimum requirements. Manufacturers' names are abbreviated in Part 3 "Door Hardware Sets" Article.
 2. References to BHMA Standards: Provide products complying with these standards and requirements for description, quality, and function.
- C. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
1. Manufacturers: **Provide products by the manufacturers specified.**

1.10 LOCKS AND LATCHES, GENERAL

- A. Accessibility Requirements: Where indicated to comply with accessibility requirements, comply with "Uniform Federal Accessibility Standards.]"
1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).
- B. Latches and Locks for Means of Egress Doors: Comply with NFPA 101. Latches shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.
- C. Electrified Locking Devices: BHMA A156.25.
- D. Backset: 2-3/4 inches (70 mm), unless otherwise indicated.
- E. Cylinders: Provide locks capable of receiving Best CORMAX cylinders and cores.
- F. Strikes: Manufacturer's standard strike with strike box for each latchbolt or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, and as follows:
1. Strikes for Locks and Latches: ANSI A115.2.
 2. Strikes for Auxiliary Deadlocks: as recommended by manufacturer.
 3. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.

MISCELLANEOUS DOOR HARDWARE

- G. Boxed Power Supplies: Modular unit in NEMA ICS 6, Type 4 enclosures; filtered and regulated; voltage rating and type matching requirements of door hardware served; and listed and labeled for use with fire alarm systems.

1.11 FABRICATION

- A. **Manufacturer's Nameplate:** Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.

1. Manufacturer's identification is permitted on rim of lock cylinders only.

- B. **Base Metals:** Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- C. **Fasteners:** Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.

1.12 FINISHES

- A. **Standard:** BHMA A156.18, as indicated in door hardware sets.
- B. **Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.**
- C. **Appearance of Finished Work:** Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 2 - EXECUTION

2.1 EXAMINATION

- A. **Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.**
- B. **Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.**
- C. **Proceed with installation only after unsatisfactory conditions have been corrected.**

2.2 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights indicated [on Drawings] [as follows] unless otherwise indicated or required to comply with governing regulations.
1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 2. Custom Steel Doors and Frames: DHI's "Recommended Locations for Builders' Hardware for Custom Steel Doors and Frames."
 3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings in equipment room. Verify location with Architect.
1. Configuration: **Provide power supplies as illustrated on plan.**
- D. Items to be furnished or installed or coordinated in field under this specification:
1. **Furnish and Install Electrical Locks as specified in the revised hardware sets.**
 2. **Furnish and Install Exit Trim (outside lever, alignment kit, battery and escutcheon) as specified in the revised hardware sets for**
 3. **Furnish and Install REX & Power Supplies.**
 4. **Furnish and Install Card Readers.**
 5. **Furnish and Install Access Control System and components as shown in 'Set #AC Access Control System'.**
 6. **Program system & coordinate data wiring in racks with data cabling installer.**

2.3 FIELD QUALITY CONTROL

2.4 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to

operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

2.5 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

2.6 DEMONSTRATION

Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes. Refer to Division 01 Section "Demonstration and Training."

Hardware Sets:

ACCESS CONTROL CONTRACTOR TO PROVIDE THE FOLLOWING HARWARE SETS AND PRODUCTS BY SALTO SYSTEMS, S.L

Set # 1 Exterior Pair – Access Control / Card Reader

Opening # A100E.1, B100A.3, F100A.3, F100A.6, F100B.3, G3, H100B.2, H114.2, J2

(*) See Plan "AC-CTRL" & Set #AC

(1) T.REX0CLBLK

Black

POWER SUPPLY

Request to Exit

Set # 2 Exterior Pair – DPS

Opening # A100A.1, A100A.2, A100E.2, B100A.1, B100A.2, F100A.1, F100A.2, F100A.4, F100A.5, F100B.1, F100B.2, H100B.1

(*) See Plan "AC-CTRL" & Set #AC

(1) T.REX0CLBLK

Black

POWER SUPPLY

Request to Exit

Set # 3 Exterior Pair– NO WORK

Set # 4 Exterior Pair– NO WORK

Set # 5a Single Interior - Access Control / Card Reader

Opening # D101.1, D101.2, E101.1, E101.2, E201, G101.1, G101.2, J101.1, J101.2, K100A, K101.1, K102.1

(*) See Plan "AC-CTRL" & Set #AC
(1) T.REX0CLBLK Black POWER SUPPLY
Request to Exit

Set # 5b Single Int – AC / Card Reader

Opening # A194, B191, B195, D293, E204, G210, H113, H190, J210, K100D, K103.1, K113.2, K120, K191.1, K191.2

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)
(1) T.REX0CLBLK Black POWER SUPPLY
Request to Exit

Set # 6 Exterior Single – Access Control / Card Reader

Opening # H116

(*) See Set # AC
(1) T.REX0CLBLK Black POWER SUPPLY
Request to Exit

Set # 7a Exterior Single– NO WORK

Set # 7b Exterior Single – DPS

Opening # G104.1, G108, G114.2, G116.2, H115.1, J104.2, J108.1, J108.6, J112.2 & B127.1

(1ea) AM660N00IPBH8
(1ra) KPP04IP

Set # 8 Exterior Single– NO WORK

Set # 9, 10 & 11 – NO WORK

Set # 12 Interior Pair – Access Control / Card Reader

Opening # D100, E100, G100, J100

(*) See Plan "AC-CTRL" & Set #AC
(1) T.REX0CLBLK Black POWER SUPPLY
Request to Exit

Set # 13– NO WORK

Set # 14 Single - Rated

Opening # H105.1 & B107.1, B120.1

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 15 - NO WORK

Set # 16 Inswing Pair - Rated

Opening # H102.1, H102.2

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 17b Interior Pair – Rated –

Opening # ALT - B101.2, B101.4, B101.5, B101.7, B101.9, B101.10

(2ea) KPP04IP

(2ea) A0600N00IP38

Set # 17a Interior Pair – Rated –

Opening # ALT - B101.1, B101.3, B101.6, B101.8,

(1ea) AM660N00IPBH8E5 – with mechanical override Mortise cylinder (cylinder not included)

(2ea) KPP04IP

(1ea) A0600N00IP38

Set # 18 Office Entrance / Misc. Openings w/ Closer

Opening # A101, A114.1, A195, B117.1, D193, E196.1, E196.2, H107, H108, K118, K119.1, H193
J100B, J200B,

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 19a - NO WORK

Set # 19b In Swing Classrooms / Out swing less than 50

Opening # A102, A103, A104, A105, A106, A107, A112, A113, B101, B102, B103, B104, C106,
D102.1, D102.2, D103, D105, D107, D108.1, D108.2, D112, D116, D201, D203, D205, D206, D209,
D210, D212, E102, E103, E105, E110, E112, E113, E114, E115, E116, E117, E118, E120, E122,
E202, E203, E205, E210, E212, E213, E214, E215, E216, E217, E218, E220, E222, G103, G105,
G110, G112.1, G112.2, G118.3, G201, G202, G203, G204, G205, G211, G212, G216, J102.1,
J102.2, J103, J105, J106.1, J106.2, J110.1, J110.2, J114.1, J114.2, J116, J201, J202, J203, J204,
J205, J206, J208, J209, J212

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 20a - NO WORK

Set # 20b Out Swing Classrooms more than 50 / Misc.

Opening # A109, A109.2, A116.1, A117.1, A193, B190, C2.2, C100C.1, C102.1, C102.2, C203, C204, D100B.1, , 100B.2, D104, D114.1, D115.1, D194, D202.1, D204.1, D207.1, D207.2, D208.1, D211.1, D296, E106.1, E106.2, E108.1, E194, E206.1, E206.2, E208.1, E294, G102, G106, G107.1, G114.1, G115.1, G116.1, G118.1, G193, G200C, G206, G207.1, G207.2, G209.1, G209.2, G213.1, G214.1, G295, 105.4, H114.1, H192.1, J104.1, J112.1, J113.1, J194, J207.1, J207.2, J211.1, J295, K190 & B127.2, B193.2

(1ea) AM660N00IPBH8E5 – with mechanical override Mortise cylinder (cylinder not included)

(1ea) KPP04IP

Set # 21 Single Storeroom / Elec. Closet

Opening # A108.1, A108.2, A116A, A116B, A202.1, A202.2, C2.3, C104, C112, C205, C206, D106A, D114A, D114B, D115A, D211A, D295, D298, E108A, E195, E208A, E295, G102A, G114A, G114B, G115A, G116A, G197, G213A, G296, H112.2, H191, J113A, J195, J211A, J294, K122 & B111B, B112B, B123D, B124D, B127A, B206

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 22a - NO WORK

Set # 22B Office / Misc. Entrance Openings

Opening # A112A.1, A112A.2, A115.1, A115.2, B101A.1, B101A.2, B103A.1, B103A.2, C105, C113A, C113B, C202, C207, D101A, D101B, D101C, D111, D113, D202B.1, D202B.2, D294, E101A, E101B, E101C, E104, E109, E111, E201A, E201B, E201C, E209, E211, E296, G101A, G101B, G101C, G111, G113, G196, G294, H104, H106, J101A, J101B, J101C, J109, J111, J196, J296, K102.2, K102.3, K103.2, K104, K105, K106.1, K106.2, K107, K108, K109, K110, K111, K112, K113.1, K113A, K114, K119.2, K121.1, K121.2 & B107A.1, B107A.2, B108, B109, B110, B111A.1, B111A.2, B112A.1, B112A.2, B114, B123A.1, B123A.2, B124A.1, B124A.2, B125, B202, B203

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 23 Outswing Pair – Storeroom

Opening # B118, C103, D195, D297, E193, GE293, G194, G293, J193, J293

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 24 Inswing Pair - Storeroom

Opening # H112.1

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 25 – NO WORK

Set # 26a – NO WORK

Set # 26b Interior Pair

Opening # A110.1, A110.2, C101.6

(1ea) AM660N00IPBH8E5 – with mechanical override Mortise cylinder (cylinder not included)

(2ea) KPP04IP

(1ea) A0600N00IP38

Set # 27 Interior Pair – Alum

Opening # C113.1, C113.2

(1ea) AM660N00IPBH8E5 – with mechanical override Mortise cylinder (cylinder not included)

(2ea) KPP04IP

(1ea) A0600N00IP38

Sets # 28 - 31 – NO WORK

SET # 31 Pair – Store

Opening # B105

(1ea) CM270N70CPB3 – with mechanical override SFIC cylinder (cylinder not included)

Set # 32 Misc. – NO WORK

Set # 33 – NO WORK

Set # 34 – NO WORK

Set # 35

Opening # C2.1, C2.4, , C200, C102.5

(1ea) AM660N00IPBH8

(1ra) KPP04IP

Set # 36 Pair ICC-500 – NO WORK

Set # 37A Pair ICC-500 Rated – NO WORK

Set # 37B Pair ICC-500 Rated – NO WORK

Set # 38 Single – NO WORK

Set # 39

Opening # K101.2

(*) See Plan "AC-CTRL" & Set #AC

(1) T.REX0CLBLK

Black

POWER SUPPLY

Request to Exit

Set # AC Access Control System

Salto SPACE Software has already been installed and used by the district. All Salto hardware is a simple addition to the existing software.

****Note**** It is recommended to contact the existing Salto providers, Compass Security Solutions, for programing and commissioning for district-wide unity.

(8) LSP - BX75-C4E1

(6) LSP – BX75-C8E1

(5) LSP – E1-Boxed

(36) Salto – WRDM0M4B - ****Note**** WRDM0A4B can be used when a single gang box is used for per-wire

(14) Salto – CU42E0TUS

(10) Salto – CU4200TUS

(6) Salto – CCVD20700-50 (Salto Cards – Printable both sides)

The door hardware provider shall furnish and install a quantity one Bitstream BTS500-8R POE Switch in each of the following data rooms (i.e. a total quantity of nine)

1. Data room A194
2. Data room B191
3. Data room H190
4. Data room K191

5. Data room D293
6. Data room E204
7. Data room G210
8. Data room J210

The POE switches shall be installed within the data equipment rack (in each data room) which houses the patch panels dedicated to access control system data cabling.

The door hardware provider shall coordinate the installed location within the rack with the Division 271310 Structure Data Cabling Systems contractor.

Push Button Release

Opening # D100, D101.1, D101.2, E100, E101.1, E101.2, G100, G101.1, G101.2, , K101.1, K102.1, J100, J101.1, J101.2

(20)SDC 15-2 SPDT Momentary Desk Pushbutton Switch (1 Pushbutton at Admin Desk for each Opening)

Video Door Intercom

Opening # F100A.3, F100B.3, H100B.2

(1) IX-DVF SIP Aiphone IP Video Door Station (1 Needed per Opening)

Opening # F100A.3, F100B.3, H100B.2

(1) SBX-IDVF Aiphone Stainless Steel Surface Mount Box for IX-DVF (1 Needed per Opening)

(1) IX-Soft-5 Aiphone IX Software for up to 5 Computers (only 1 Needed for Project)

****Final Hook up and Training by Hardware Supplier**

****Conduit, wire and pulling of wire by electrical contractor**

****End of Section****



NOTE # 103 20-104

505 FT. CARROLL BLVD
HOPKINSVILLE, KY 42400

HAFER
ARCHITECTS, ENGINEERS & PLANNERS, L.P.
1111 South Street,
Hopkinsville, KY 42403
P: 502-233-1518
F: 502-233-1519
www.haferschools.com

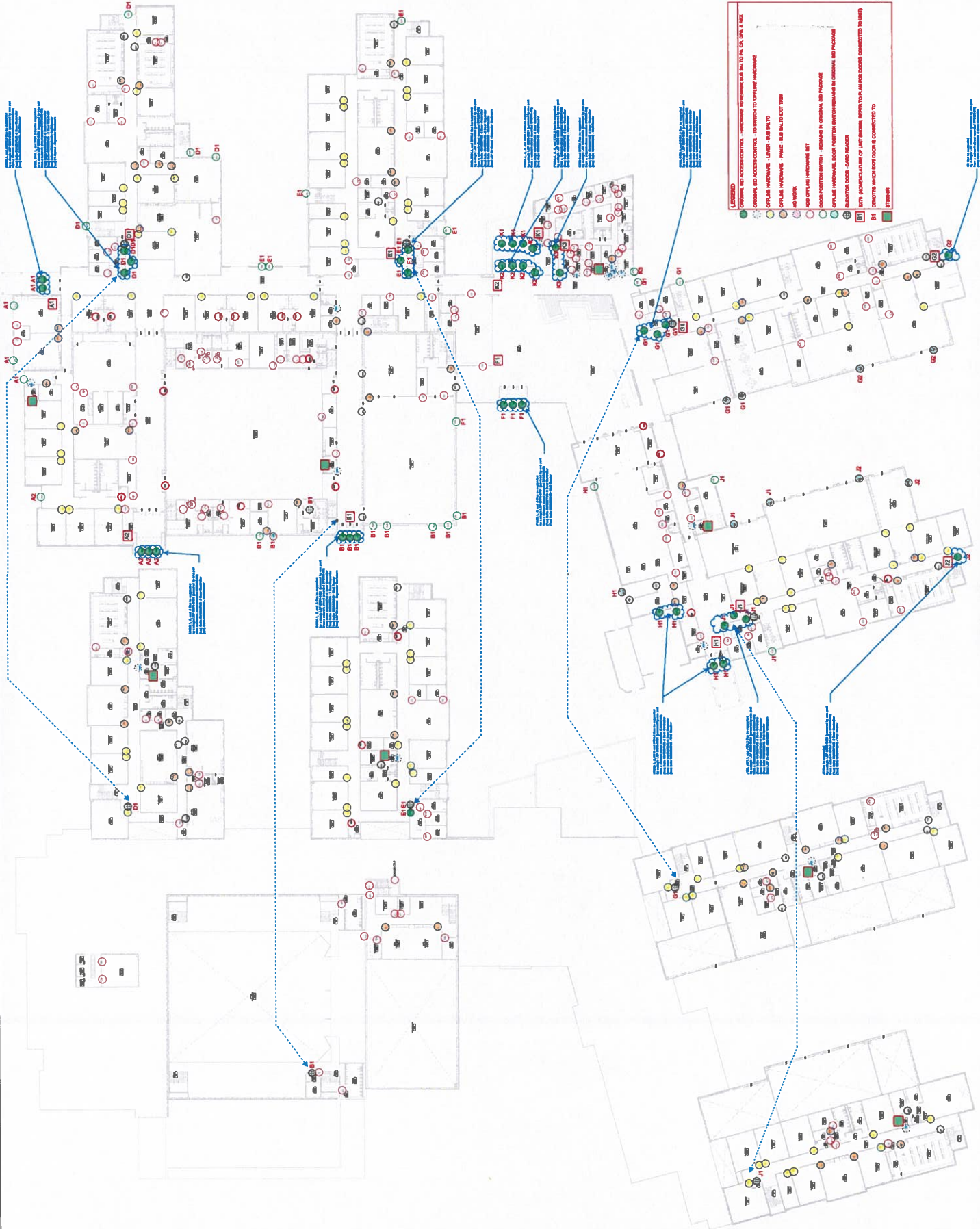
ALLIANCE
118 E. College Street
Hopkinsville, KY 42403
Telephone: 502-891-4888

bell
127 Forest Drive
Hopkinsville, KY 42403
Telephone: 502-898-6868

K&S Engineering, PLLC
124 Highway Drive
Columbia, TN 38401
Telephone: 615-947-6262

WBW
1800 Centre Street
Hopkinsville, KY 42403
Telephone: 502-898-2929

GT
433 Design and Equipment Co.
1010 S. Main Street
Hopkinsville, KY 42403
Telephone: 502-891-0297



LEGEND

- OFFLINE ACCESS CONTROL - HANGERS TO BE ADDED TO ALL EX. DOOR & SET
- ORIGINAL ID ACCESS CONTROL - TO BE SWITCHED TO OFFLINE HARDWARE
- ORIGINAL HARDWARE - LATCHED - HAS BUILT IN
- ORIGINAL HARDWARE - PANIC - HAS BUILT IN EXIT SIGN
- ADD ORIGINAL HARDWARE SET
- DOOR POSITION SWITCH - HANGERS IN ORIGINAL ID PACKAGE
- ORIGINAL HARDWARE, DOOR POSITION SWITCH REMAINS IN ORIGINAL ID PACKAGE
- REDUNDANT DOOR - JAM INSIDE
- ENTRY - PARALLELISM OF LATCH ELEMENT, HANGERS TO PLUM FOR DOORS CONNECTED TO ENTRY
- ENTRY - HANGERS WHICH ENTRY DOOR IS CONNECTED TO

OFFLINE ACCESS
CONTROL BID
OVERALL PLANS

Architect's Project No: 2106-204
Date: OCTOBER, 201

Sheet No: A100

1 FIRST FLOOR PLAN

2 SECOND FLOOR PLAN

**CHANGES TO ELECTRICAL DRAWINGS
FOR
PROPOSAL REQUEST NO. "PR-016"
ACCESS CONTROL/DOOR HARDWARE MODIFICATIONS
4/19/2024**

1. Reference attached sheets (Quantity 3) which show basic wiring riser diagrams of typical interconnections for the SALTO access control "wired" locations. Intent is to show basic interconnections required for the SALTO system.
2. All RJ45 jacks furnished and installed on access control data circuits shall fully support 100W POE.
3. Reference Revised Drawing E1.1 Rev 1.
 - a. Modified Door Hardware / Access Control Legend and symbol descriptions.
4. Reference Revised Drawings E2.1A Rev 3 & E6.1 Rev 3.
 - a. Vestibule A100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Three doors).
 - b. Vestibule A100E. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
 - c. Data Room A194. DELETE requirement to provide 120V power circuits (quantity three) to Access Control System panels.
5. Reference Revised Drawings E2.1B Rev 3 & E6.3 Rev 4.
 - a. Vestibule B100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Three Doors).
 - b. Data Room B191. DELETE requirement to provide 120V power circuits (quantity three) to Access Control System panels.
 - c. Data Room B195. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
6. Reference Revised Drawings E2.1B-ALT Rev 4 & E6.17 Rev 3.
 - a. Multipurpose Room B127. DELETE requirement to provide 120V power circuit to Power supply for exterior door hardware.
7. Reference Revised Drawings E2.1D Rev 3 & E6.4 Rev 4.
 - a. Corridor D100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (West End of corridor).
 - b. Admin D101. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
8. Reference Revised Drawings E2.1E Rev 2 & E6.6 Rev 2.
 - a. Corridor E100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (West End of corridor).

- b. Admin E101. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
9. Reference Revised Drawings E2.1F Rev 4, E6.9 Rev 3 & E6.14 Rev 1.
- a. Vestibule F100B. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Three doors).
 - b. Corridor G100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (North End of corridor).
 - c. Admin G101. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
10. Reference Revised Drawings E2.1G Rev 2 & E6.9 Rev 3.
- a. Corridor G100B. DELETE requirement to provide 120V power circuit to Power supply for door hardware (South End of corridor).
11. Reference Revised Drawings E2.1H Rev 3, E6.11 Rev 5, E6.12 Rev 2, E6.11 Rev 5, E6.17 Rev 3, & E7.3 Rev 3.
- a. Vestibule H100B. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
 - b. Vestibule H116. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
 - c. Corridor J100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (North End of corridor).
 - d. Admin J101. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
 - e. Data Room H190. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
 - f. Data Room H190. DELETE requirement to provide 120V power circuit to door hardware power supply.
12. Reference Revised Drawings E2.1J Rev 2 & E6.12 Rev 2.
- a. Corridor J100A. DELETE requirement to provide 120V power circuit to Power supply for door hardware (South End of corridor).
13. Reference Revised Drawing E2.1K Rev 3 & E6.14 Rev 1.
- a. Vestibule F100A. DELETE requirement to provide 120V power circuits to Power supply for door hardware (Six doors).
 - b. Corridor K100A. DELETE requirement to provide 120V power circuit Power supply for door hardware. (West End of Corridor)
 - c. Reception K101. DELETE requirement to provide 120V power circuit to Power supply for door hardware (Two doors).
 - d. Guide Conf K102. DELETE requirement to provide 120V power circuit Power supply for door hardware.
 - e. S.R.O. K103. DELETE requirement to provide 120V power circuit Power supply for door hardware.

- f. Guide Sec K120. DELETE requirement to provide 120V power circuit Power supply for door hardware.
 - g. FRC – Office K113. DELETE requirement to provide 120V power circuit Power supply for door hardware.
 - h. Data Room K191. DELETE requirement to provide 120V power circuit Power supply for door hardware.
 - i. Data Room K191. DELETE requirement to provide 120V power circuits (quantity three) to Access Control System panels.
14. Reference Revised Drawings E2.2D Rev 2 & E6.5 Rev 3.
- a. Data Room D293. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
 - b. Data Room D293. DELETE requirement to provide 120V power circuit to door hardware power supply.
15. Reference Revised Drawing E2.2E Rev 2 & E6.7 Rev 3.
- a. Data Room E204. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
 - b. Data Room E204. DELETE requirement to provide 120V power circuit to door hardware power supply.
16. Reference Revised Drawings E2.2G Rev 2 & E6.10 Rev 3.
- a. Data Room G210. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
 - b. Data Room G210. DELETE requirement to provide 120V power circuit to door hardware power supply.
17. Reference Revised Drawings E2.2J Rev 2 & E6.13 Rev 4
- a. Data Room J210. DELETE requirement to provide 120V power circuits (quantity two) to Access Control System panels.
 - b. Data Room J210. DELETE requirement to provide 120V power circuit to door hardware power supply.
18. Reference Revised Drawing E3.1A Rev 1.
- a. Data Room A194.
 - i. DELETE requirement to install Access Control system panels.
 - ii. DELETE requirement to provide data cable to Access Control system panels.
 - iii. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.
 - b. Corridor A100K (North End).

- i. Door A100K. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room A194 to the door position switches on the exterior doors.
 - ii. Door A100K. ADD requirement to provide 22/4 low voltage cable from Door position Switches to BX75 in Ceiling cavity of Ticket Room A101.
 - c. Corridor A100J (North End).
 - i. Door A100J.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room A194 to the door position switches on the exterior doors.
 - ii. Door A100J.1. ADD requirement to provide 22/4 low voltage cable from Door position Switches to BX75 in Ceiling cavity of Art Room 2 A117.
 - d. Art 1 A116.
 - i. Door A116.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room A194 to the door position switch on the exterior door.
 - ii. Door A116.2. ADD requirement to provide 22/4 low voltage cable from Door position Switches to BX75 in Ceiling cavity of Art Room 2 A117.
 - e. Art 2 A117.
 - i. Door A117.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room A194 to the door position switch on the exterior door.
 - ii. Door A117.2. ADD requirement to provide 22/4 low voltage cable from Door position Switches to BX75 in Ceiling cavity of Art Room 2 A117.
 - f. Vestibule A100E.
 - i. Doors A100E.1 & A100E.2. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room A194 to the door hardware access control system devices.
 - ii. Doors A100E.1 & A100E.2. ADD requirement to provide data cables (two) to "C2" data outlet & BX75 equipment [provided within Art Room 2 accessible ceiling cavity space] required to control & monitor the vestibule doors.
 - iii. Doors A100E.1 & A100E.2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within Art Room 2 accessible ceiling cavity space] required to control & monitor the vestibule doors.
 - g. Vestibule A100A.
 - i. Doors A100A.1, A100A.2 & A100A.3. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room A194 to the door hardware access control system devices.
 - ii. Doors A100A.1, A100A.2 & A100A.3. ADD requirement to provide data cables (two) to "C2" data outlet & BX75 equipment [provided within Tickets

Room A101 ceiling cavity space] required to control & monitor the vestibule doors.

- iii. Doors A100A.1, A100A.2 & A100A.3. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within Tickets Room A101 ceiling cavity space] required to control & monitor the vestibule doors.

19. Reference Revised Drawing E3.1B Rev 2.

a. Data Room B191.

- i. DELETE requirement to install Access Control system panels.
- ii. DELETE requirement to provide data cable to Access Control system panels.
- iii. Door B191. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the door hardware access control devices.
- iv. Door B191. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
- v. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

b. Data Room B195.

- i. DELETE requirement to install Access Control system panels.
- ii. DELETE requirement to provide data cable to Access Control system panels.
- iii. Door B195. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B195 to the door hardware access control devices.
- iv. Door B195. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.

c. Vestibule B100A.

- i. Doors B100A.1, B100A.2 & B100A.3. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room B191 to the door hardware access control system devices.
- ii. Doors B100A.1, B100A.2 & B100A.3. ADD requirement to provide data cables to "C2" data outlet & BX75 equipment [provided within Corridor B100B accessible ceiling cavity space] required to control & monitor the vestibule doors.
- iii. Doors B100A.1, B100A.2 & B100A.3. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within Corridor B100B accessible ceiling cavity space] required to control & monitor the vestibule doors.

d. Corridor B100C.

- i. Door B100C. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B195 to the door position switches on the exterior doors.
- ii. Door B100C. ADD requirement to provide 22/4 low voltage cable from Door position Switches to BX75 in Ceiling cavity of Corridor E100A.

20. Reference Revised Drawing E3.1B-ALT Rev 1.

a. Elec Room B193.

- i. Door B193.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the door position switch on the exterior door.
- ii. Door B193.1. ADD requirement to provide 22/4 low voltage cable from BX75 Equipment provided in the Accessible ceiling cavity space of Corridor B100B to the door position switch.

b. Multi-Purpose Room B127.

- i. Door B127.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the door hardware access control devices.
- ii. Door B127.1. DELETE requirement to rough-in for proximity reader, electric strike and request-to-exit. Rough-in for a door position switch is still required.
- iii. Door B127.1. ADD requirement to provide 22/4 low voltage cable from BX75 Equipment provided in the Accessible ceiling cavity space of Corridor B100B to the door position switch.

c. Elevator B (EL-B).

- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the elevator controller and proximity readers on the 1st & 2nd floors.
- ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor B100B] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

21. Reference Revised Drawing E3.1C Rev 1.

a. Auxiliary Gym Room C101.

- i. Exterior Doors C101.7, C101.8, C101.9, C101.10, C101.11 & C101.12. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the door position switches on the exterior doors.

- ii. Exterior Doors C101.8, C101.9, C101.10, C101.11 & C101.12. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor B100B to the door position switches on the exterior doors.
- iii. Exterior Door C101.7. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Lobby F100F to the door position switches on the exterior doors.

22. Reference Revised Drawing E3.1D Rev 1.

a. Admin D101.

- i. Door D101.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware access control devices.
- ii. Door D101.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware access control devices.
- iii. ADD requirement to provide data cables to "C2" data outlet & BX75 equipment [provided within Corridor D100A accessible ceiling cavity space] required to control & monitor doors D101.1, D101.2, D100 & Elevator D-EL & associated proximity readers.
- iv. Doors D101.1 & D101.2. ADD requirement to provide low voltage access control system cables from the BX75 EQUIPMENT [provided within the accessible ceiling cavity space of Corridor D100A] required to control & monitor the doors.
- v. Note: The requirement for the Door release buttons and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor D100A] required to unlock the doors.

b. Corridor D100A (East End).

- i. Door D100. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware access control devices.
- ii. Door D100. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor D100A to the door position switches on the exterior doors.

c. Elevator D (EL-B).

- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the elevator controller and proximity readers on the 1st & 2nd floors.
- ii. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of

Corridor D100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

d. Stair 1 (D1).

- i. Door D1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware door position switch.
- ii. Door D1. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor D100A to the door position switches on the exterior door(s).

e. Stair 2 (D2).

- i. Door D2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware door position switches.
- ii. Door D2. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor D100A to the door position switches on the exterior door(s).

f. Stair 3 (D3).

- i. Door D3.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware door position switches.
- ii. Door D3.1. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor D100A to the door position switches on the exterior door(s).

g. FCS Lab Room D110.

- i. Door D110.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware door position switches.
- ii. Door D110.2. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor D100A to the door position switches on the exterior door(s).

23. Reference Revised Drawing E3.1E Rev 2.

a. Admin E101.

- i. Door E101.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware access control devices.
- ii. Door E101.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware access control devices.

- iii. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor E100A accessible ceiling cavity space] required to control & monitor doors E101.1, E101.2, E100 & Elevator E-EL & associated proximity readers.
 - iv. Doors E101.1 & E101.2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor E100A] required to control & monitor the doors.
 - v. Note: The requirement for the Door release buttons and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor E100A] required to unlock the doors.
- b. Corridor E100A (East End).
- i. Door E100. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware access control devices.
 - ii. Door E100. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor E100A] required to control & monitor the door.
 - iii. Door E100. Note: The requirement for the Door release button (within Admin E101) and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor E100A] required to unlock the door.
- c. Elevator E (E-EL).
- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor E100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.
- d. Stair 1 (E1).
- i. Door E1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware door position switches.
 - ii. Door E1. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor E100A to the door position switches on the exterior door(s).
- e. Stair 2 (E2).
- i. Door E2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware door position switches.

- ii. Door E2. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor E100A to the door position switches on the exterior door(s).

f. Stair 3 (E3).

- i. Door E3. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware door position switches.
- ii. Door E3. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in accessible ceiling cavity space of Corridor E100A to the door position switches on the exterior door(s).

24. Reference Revised Drawing E3.1F Rev 1.

a. Vestibule F100B.

- i. Doors F100B.1, F100B.2 & F100B.3. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room K191 to the door hardware access control system devices.
- ii. Doors F100B.1, F100B.2 & F100B.3. ADD requirement to provide data cables to "C2" data outlet & BX75 equipment [provided within Lobby F100F accessible ceiling cavity space] required to control & monitor doors F100B.1, F100.2 & F100B.3 & associated proximity readers.
- iii. Doors F100B.1, F100B.2 & F100B.3. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Lobby F100F] required to control & monitor the vestibule doors.

b. Corridor F100D.

- i. Exterior Door F100D. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door position switches on the exterior doors.
- ii. Exterior Door F100D. ADD requirement to provide 22/4 low voltage cables from BX75 equipment provided in the accessible ceiling cavity space of Corridor G100A to the door position switches on the exterior doors.

c. Admin G101.

- i. Door G101.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware access control devices.
- ii. Door G101.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware access control devices.

- iii. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor G100A accessible ceiling cavity space] required to control & monitor doors G101.1, G101.2, G100 & Elevator G-EL & associated proximity readers.
 - iv. Doors G101.1 & G101.2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] required to control & monitor the doors.
 - v. Note: The requirement for the Door release buttons and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] required to unlock the doors.
- d. Corridor G100A (North End).
- i. Door G100. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware access control devices.
 - ii. Door G100. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] required to control & monitor the door.
 - iii. Door G100. Note: The requirement for the Door release button (within Admin G101) and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] required to unlock the door.
- e. Elevator G (G-EL).
- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.
- f. Stair 1 (G1).
- i. Door G1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware door position switch.
 - ii. Door G1. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] to the door position switch on the exterior door.
- g. Engr Lab Room G104.
- i. Door G104.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware door position switch.

- ii. Door G104.1. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] to the door position switch on the exterior door.

25. Reference Revised Drawing E3.1G Rev 1.

a. Stair 3 (G3).

- i. Door G3. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room G210 to the door hardware access control system devices.
- ii. Door G3. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Stair G3 accessible ceiling cavity space] required to control & monitor door G3 & associated proximity reader.
- iii. Door G3. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within accessible ceiling cavity space of Stair G3] required to control & monitor the vestibule doors.

b. Ind Maint Lab Room G116.

- i. Door G116.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware door position switch.
- ii. Door G116.2. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Stair G3] to the door position switch on the exterior door.

c. Welding Lab Room G114.

- i. Door G114.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware door position switch.
- ii. Door G114.2. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Stair G3] to the door position switch on the exterior door.

d. I.T. – CTE Room G108.

- i. Door G108. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware door position switch.
- ii. Door G108. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Corridor G100A] to the door position switch on the exterior door.

26. Reference Revised Drawing E3.1H Rev 1.

a. Vestibule H100B.

- i. Doors H100B.1 & H100B.2. **DELETE** requirement to provide composite low voltage cables from Access Control Panels in Data Room H190 to the door hardware access control system devices.
 - ii. Doors H100B.1 & H100B.2. **ADD** requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor H100A accessible ceiling cavity space] required to control & monitor doors H100B.1 & H100B.2 associated proximity reader.
 - iii. Doors H100B.1 & H100B.2. **ADD** requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] required to control & monitor the doors.
 - iv. Door G100. Note: The requirement for the Door release button (within Admin K101) and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] required to unlock the door.
- b. KEN Data Room H113.
 - i. Door H113. **DELETE** requirement to provide composite low voltage cables from Access Control Panels in Data Room H190 to the door hardware access control system devices.
 - ii. Door H113. **DELETE** requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
- c. Vestibule H116.
 - i. Door H116. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door hardware access control system devices.
 - ii. Door H116. **ADD** requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] required to control & monitor the door.
- d. Elec Room H114.
 - i. Door H114.2. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door hardware access control system devices.
 - ii. Doors H114.2. **ADD** requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] required to control & monitor the door.
- e. Elec Room H115.
 - i. Door H115.1. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door hardware access control system devices.

- ii. Doors H115.1. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] to the door position switch on the exterior door.
- f. Prep Room H105.
 - i. Exterior Door H105.5. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door position switch on the exterior door.
 - ii. Exterior Door H105.5. ADD requirement to provide 22/4 low voltage cable from BX75 equipment [provided within the accessible ceiling cavity space of Corridor H100A] to the door position switch on the exterior door.
- g. Mech Room H192.
 - i. Exterior Door H192.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door position switches on the exterior door.
 - ii. Exterior Door H192.2. ADD requirement to provide 22/4 low voltage cables from BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] to the door position switches on the exterior doors.
- h. Data Room H190.
 - i. DELETE requirement to install Access Control system panels.
 - ii. Door H190 DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room H190 to the door hardware access control devices.
 - iii. Door H190. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.
- i. Construction Lab Room J104.
 - i. Exterior Door J104.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door position switch on the exterior door.
 - ii. Exterior Door J104.2. ADD requirement to provide 22/4 low voltage cables from BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] to the door position switch on the exterior door.
- j. Admin J101.
 - i. Door J101.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door hardware access control devices.
 - ii. Door J101.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door hardware access control devices.

- iii. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor J100A accessible ceiling cavity space] required to control & monitor doors J101.1, J101.2, J100 & Elevator J-EL & associated proximity readers.
 - iv. Doors J101.1 & J101.2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] required to control & monitor the doors.
 - v. Note: The requirement for the Door release buttons and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] required to unlock the doors.
- k. Corridor J100A (North End).
- i. Door J100. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door hardware access control devices.
 - ii. Door J100. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] required to control & monitor the door.
 - iii. Door J100. Note: The requirement for the Door release button (within Admin J101) and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] required to unlock the door.
- l. Elevator J (J-EL).
- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.
- m. Stair 1 (J1).
- i. Exterior Door J1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door position switch on the exterior door.
 - ii. Exterior Door J1. ADD requirement to provide 22/4 low voltage cables from BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] to the door position switch on the exterior door.

27. Reference Revised Drawing E3.1J Rev 1.

- a. Stair 2 (J2).

- i. Exterior Door J2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the access control devices on the exterior doors.
 - ii. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Stair J2 accessible ceiling cavity space] required to control & monitor door J2 & associated proximity readers.
 - iii. Exterior Door J2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within the accessible ceiling cavity space of Stair 2 (J2)]required to control & monitor the door.
- b. Auto Lab Room J108.
 - i. Exterior Door J108.6. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door position switch on the exterior door.
 - ii. Exterior Door J108.6. ADD requirement to provide 22/4 low voltage cables from the BX75 equipment [provided within the accessible ceiling cavity space of Stair 2 (J2)] to the door position switch on the exterior door.
 - iii. Exterior Door J108.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door position switch on the exterior door.
 - iv. Exterior Door J108.1. ADD requirement to provide 22/4 low voltage cables from the BX75 equipment [provided within the accessible ceiling cavity space of Corridor J100A] to the door position switch on the exterior door.
- c. Agriculture Lab Room J112.
 - i. Exterior Door J112.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door position switch on the exterior door.
 - ii. Exterior Door J112.2. ADD requirement to provide 22/4 low voltage cables from the BX75 equipment [provided within the accessible ceiling cavity space of Stair 2 (J2)] to the door position switch on the exterior door.

28. Reference Revised Drawing E3.1K Rev 1.

- a. Vestibule F100A.
 - i. Doors F100A.1, F100A.2, F100A.3 & K101.1. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room K191 to the door hardware access control system devices.
 - ii. Doors F100A.1, F100A.2, F100A.3 & K101.1. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to control & monitoring of doors & associated proximity readers.
 - iii. Doors F100A.1, F100A.2, F100A.3 & K101.1. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to control & monitor the following doors:F100A.1, F100A.2, F100A.3 and K101.1.

- iv. Doors F100A.4, F100A.5, F100A.6 & K101.2. DELETE requirement to provide composite low voltage cables from Access Control Panels in Data Room K191 to the door hardware access control system devices.
- v. Doors F100A.4, F100A.5, F100A.6 & K101.2. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor F100C accessible ceiling cavity space] required to control & monitoring of doors & associated proximity readers.
- vi. Doors F100A.4, F100A.5 & F100A.6. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to control & monitor the following doors: F100A.4, F100A.5, F100A.6 and K101.2.
- vii. Note: The requirement for the Door release button and required operation shall remain a requirement. Provide low voltage access control system cables from the associated BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] and door release button as required to unlock door F100.3.

b. Reception K101.

- i. Door K101.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
- ii. Door K101.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
- iii. Door K101.1. ADD requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to control & monitoring of doors & associated proximity readers.
- iv. Door K101.1. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to control & monitor door K101.1.
- v. Door K101.1. Note: The requirement for the Door release button and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within SRO Room K103 accessible ceiling cavity space] required to unlock the door.
- vi. Door K101.2. ADD requirement to provide low voltage access control system cables from the BX75 equipment [provided within Corridor F100C accessible ceiling cavity space] required to control & monitor the door.
- vii. Door K101.2. Note: The requirement for the Door release button and required operation shall remain a requirement. Provide low voltage access control system cables from the BX75 equipment [provided within Corridor F100C accessible ceiling cavity space] required to unlock the door.

c. Corridor K100A.

- i. Door K100A. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Doors K100A & K102.1. **ADD** requirement to provide data cables to “C2” data outlet & BX75 equipment [provided within Corridor K100A accessible ceiling cavity space] required to control & monitor doors & associated proximity readers.
 - iii. Door K100A. **ADD** requirement to provide low voltage access control system cables from the BX75 equipment [provided within Corridor K100A accessible ceiling cavity space] required to control & monitor the door.
 - d. Guide Conf K102.
 - i. Door K102.1. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Door K102.1. **ADD** requirement to provide low voltage access control system cables from the BX75 equipment [provided within Corridor K100A accessible ceiling cavity space] required to control & monitor the door.
 - e. S.R.O. Room K103.
 - i. Door K103.1. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Door K103.1. **DELETE** requirements for rough-in of raceways for Proximity Reader, Electric Strike, Door Position Switch and Request-to-Exit device.
 - f. Guide Sec Room K120.
 - i. Door K120. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Door K120. **DELETE** requirements for rough-in of raceways for Proximity Reader, Electric Strike, Door Position Switch and Request-to-Exit device.
 - g. Corridor K100D.
 - i. Door K100D. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Door K100D. **DELETE** requirements for rough-in of raceways for Proximity Reader, Electric Strike, Door Position Switch and Request-to-Exit device.
 - h. FRC – Office Room K113.
 - i. Door K113.2. **DELETE** requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - ii. Door K113.2. **DELETE** requirements for rough-in of raceways for Proximity Reader, Electric Strike, Door Position Switch and Request-to-Exit device.

- iii. Door K113.3. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - iv. Door K113.3. ADD requirement to provide 22/4 low voltage cables from the BX75 device [provided within Corridor K100A accessible ceiling cavity space] required to monitor the door position switch on the exterior door.
- i. Data Room K191.
- i. DELETE requirement to install Access Control system panels.
 - ii. DELETE requirement to provide data cables to Access Control system panels.
 - iii. Door K191.1. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - iv. Door K191.1. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - v. Door K191.2. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room K191 to the door hardware access control devices.
 - vi. Door K191.2. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - vii. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

29. Reference Revised Drawing E3.2B-ALT Rev 1.

- a. Elevator B (EL-B).
- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room B191 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor B100B] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

30. Reference Revised Drawing E3.2D Rev 1.

- a. Data Room D293.
- i. DELETE requirement to install Access Control system panels.
 - ii. Door D293. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the door hardware access control devices.
 - iii. Door D293. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

b. Elevator D (D-EL).

- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room D293 to the elevator controller and proximity readers on the 1st & 2nd floors.
- ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor D100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

31. Reference Revised Drawing E3.2E Rev 1.

a. Data Room E204.

- i. DELETE requirement to install Access Control system panels.
- ii. Door E204. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware access control devices.
- iii. Door E204. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
- iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

b. Elevator E (E-EL).

- i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the elevator controller and proximity readers on the 1st & 2nd floors.
- ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor E100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

c. Admin Room E201.

- i. Door E201. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room E204 to the door hardware access control devices.
- ii. ADD requirement to provide data cables to "C2" data outlet & BX75 equipment [provided within Corridor E200A accessible ceiling cavity space] required to control & monitor door E201 & associated proximity reader.
- iii. Door E201. ADD requirement to provide low voltage access control system cables from the BX75 EQUIPMENT [provided within the accessible ceiling cavity space of Corridor E200A] required to control & monitor the door.
- iv. Note: The requirement for the Door release buttons and required operation shall remain a requirement. Provide low voltage access control system

cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor E200A] required to unlock the doors.

32. Reference Revised Drawing E3.2F Rev 1.

- a. Elevator G (G-EL).
 - i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor G100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

33. Reference Revised Drawing E3.2G Rev 1.

- a. Data Room G210.
 - i. DELETE requirement to install Access Control system panels.
 - ii. Door G210. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room G210 to the door hardware access control devices.
 - iii. Door G210. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

34. Reference Revised Drawing E3.2H Rev 1.

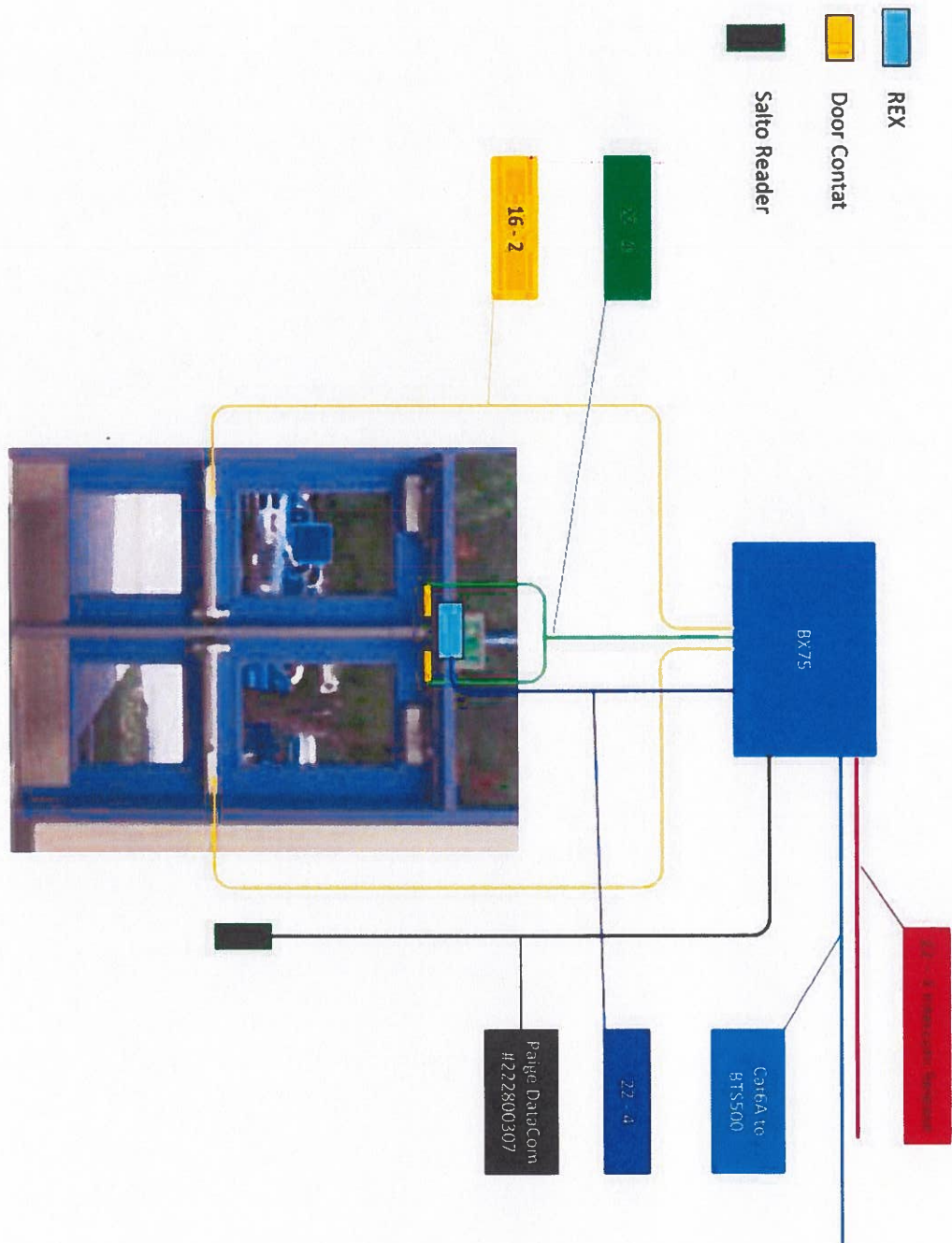
- a. Elevator J (J-EL).
 - i. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the elevator controller and proximity readers on the 1st & 2nd floors.
 - ii. ADD requirement to provide low voltage access control system cables from the BX75 device [provided within the accessible ceiling cavity space of Corridor J100A] required to control the elevator. Provide all required access control cables to the proximity readers and the elevator controller.

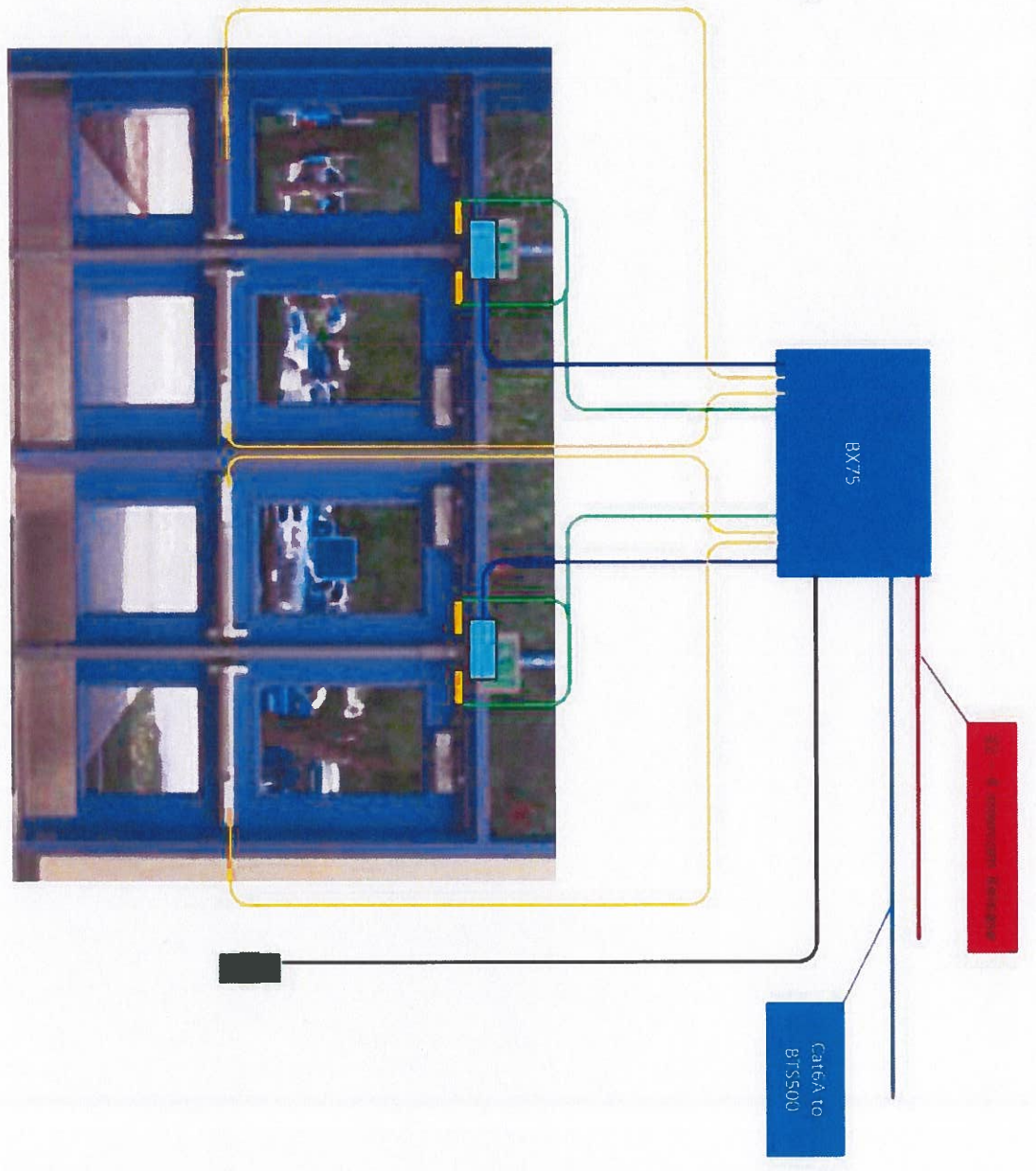
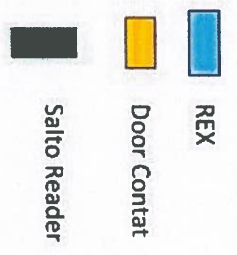
35. Reference Revised Drawing E3.2J Rev 1.

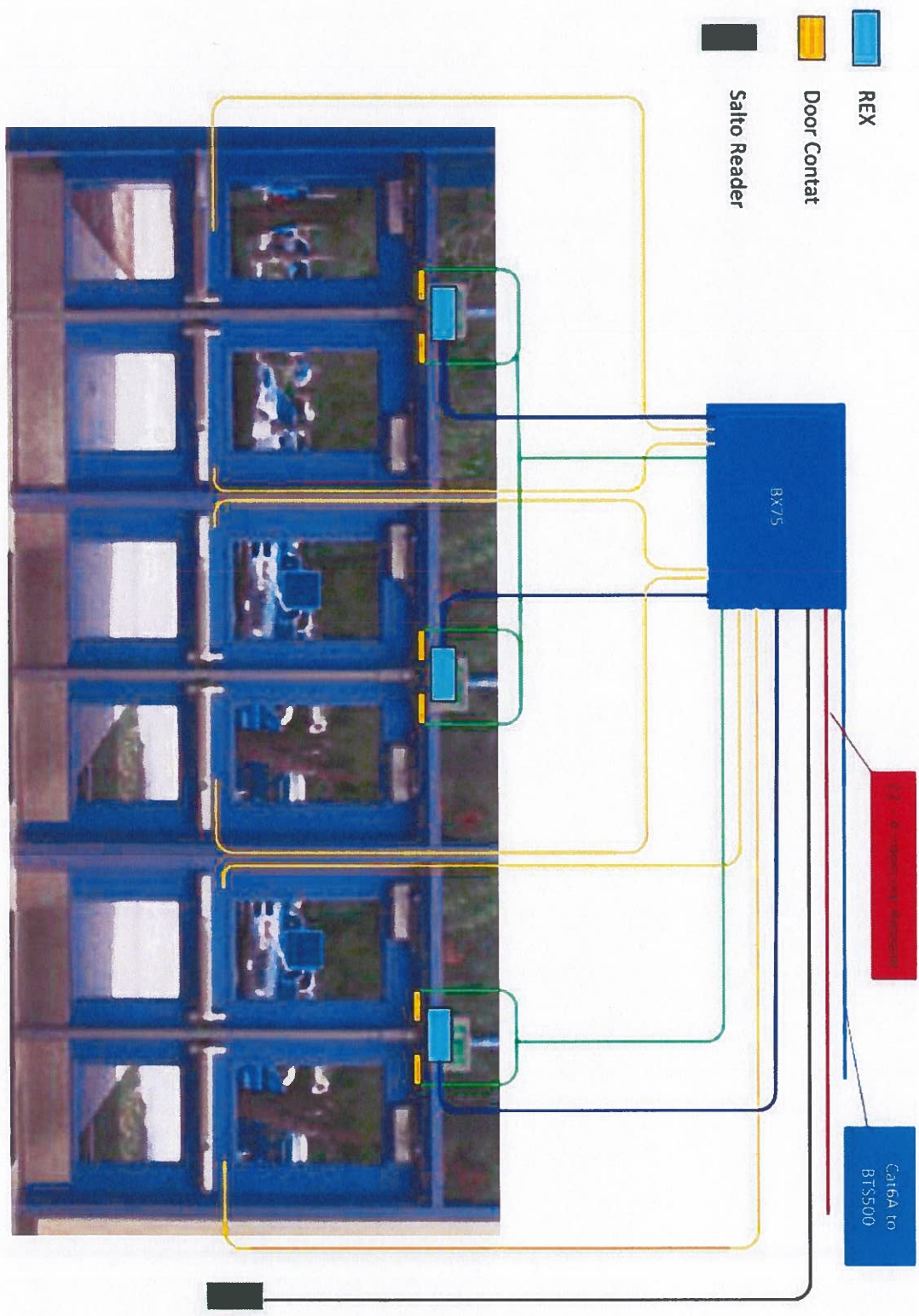
- a. Data Room J210.
 - i. DELETE requirement to install Access Control system panels.
 - ii. Door J210. DELETE requirement to provide composite low voltage cable from Access Control Panels in Data Room J210 to the door hardware access control devices.
 - iii. Door J210. DELETE requirement to rough-in for proximity reader, electric strike, request-to-exit and door position switch.
 - iv. ADD requirement to provide CAT6A data patch cord from the CCHS network switch to the BTS500-8R POE switch.

END OF CHANGES

BASIC RISER WIRING DIAGRAMS FOR SALTO SYSTEM







- REX
- Door Contact
- Salto Reader

LEGEND - LIGHTING

- 1. CEILING OUTLET AND LIGHTING FIXTURE AS SHOWN.
- 2. CEILING OUTLET AND LIGHTING FIXTURE AS SHOWN.
- 3. CEILING OUTLET AND LIGHTING FIXTURE AS SHOWN.
- 4. WALL OUTLET AND LIGHTING AS SHOWN.
- 5. WALL OUTLET AND LIGHTING AS SHOWN.
- 6. WALL OUTLET AND LIGHTING AS SHOWN.
- 7. WALL OUTLET AND LIGHTING AS SHOWN.
- 8. WALL OUTLET AND LIGHTING AS SHOWN.
- 9. WALL OUTLET AND LIGHTING AS SHOWN.
- 10. WALL OUTLET AND LIGHTING AS SHOWN.

- 11. WALL OUTLET AND LIGHTING AS SHOWN.
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- 16. WALL OUTLET AND LIGHTING AS SHOWN.
- 17. WALL OUTLET AND LIGHTING AS SHOWN.
- 18. WALL OUTLET AND LIGHTING AS SHOWN.
- 19. WALL OUTLET AND LIGHTING AS SHOWN.
- 20. WALL OUTLET AND LIGHTING AS SHOWN.

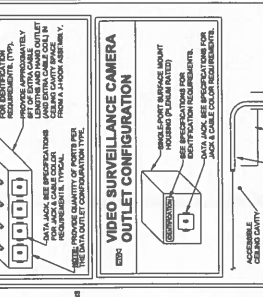
LEGEND - BUILDING MANAGEMENT SYSTEM (LTC CONTROL VIA TEMP CONTROL SYS)



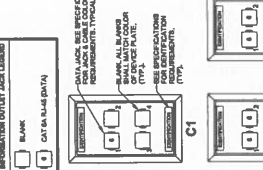
LEGEND - POWER

- 1. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS ABOVE NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 2. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 3. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 4. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 5. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 6. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 7. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 8. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 9. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
- 10. WALL OUTLET WITH 20 AMP CIRCUIT BREAKER, METAL 15 OUNCES APPROX. FRAMES FLUSH WITH WALL. UNDER NUTS. SEE SPECIFICATIONS FOR DIMENSIONS AND MOUNTING. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.

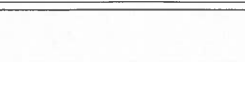
INFORMATION OUTLET FACEPLATE CONFIGURATIONS



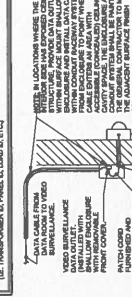
CEILING DATA OUTLET CONFIGURATION



VIDEO SURVEILLANCE CAMERA OUTLET CONFIGURATION



TRANSFORMERS



CIRCUIT BREAKER DISC SWITCH & MOTOR STARTERS



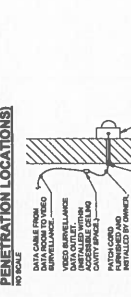
DETAIL - TYPICAL INFORMATION VIDEO OUTLET & CONDUIT INSTALLATION



DETAIL - TYPICAL INFORMATION VIDEO & POWER OUTLETS INSTALLATION



DETAIL - TYPICAL EXTERIOR CAMERA PENETRATION LOCATIONS



DETAIL - TYPICAL EXTERIOR CAMERA PENETRATION LOCATIONS



GENERAL NOTES (ENTIRE PROJECT)

1. COORDINATE WITH OTHER CONTRACTORS AND PROVIDE NECESSARY WORK TO BE COMPLETED PRIOR TO COMMENCEMENT OF WORK.
2. ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.
3. ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.
4. ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.
5. ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.

VIDEO SURVEILLANCE SYSTEM

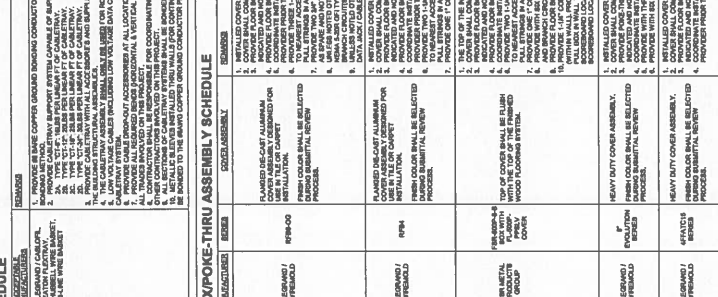
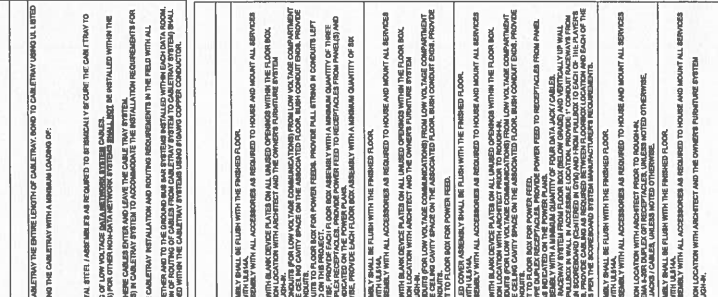
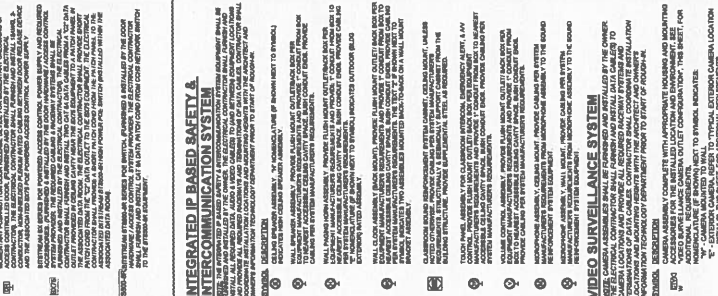
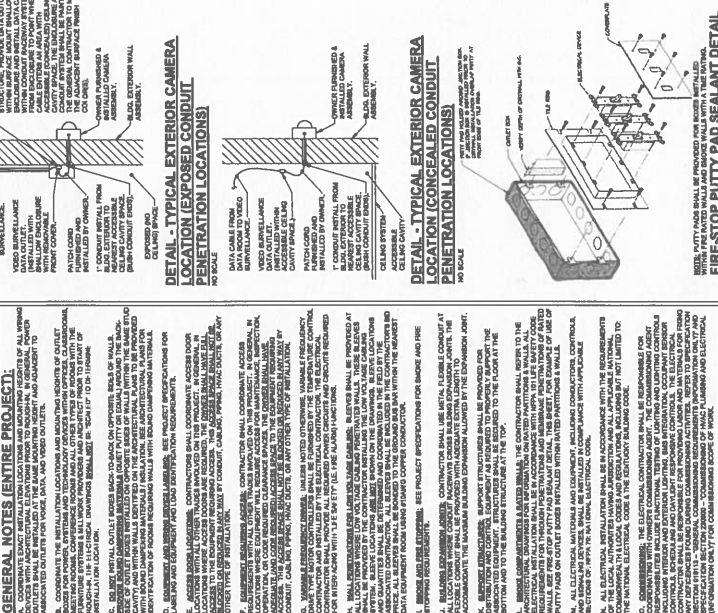
1. THE VIDEO SURVEILLANCE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.
2. ALL VIDEO SURVEILLANCE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE ENERGY EFFICIENT CODE.
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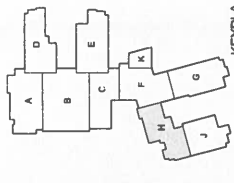
CABLETRAY ASSEMBLY SCHEDULE

TYPE	DESCRIPTION
C1A	20" WIDE WIRE MESH TYPE CABLETRAY WITH 20" WIDE LATERAL DATA CABLES
C1B	20" WIDE WIRE MESH TYPE CABLETRAY WITH 18" WIDE LATERAL DATA CABLES
C1C	20" WIDE WIRE MESH TYPE CABLETRAY WITH 16" WIDE LATERAL DATA CABLES
C1D	20" WIDE WIRE MESH TYPE CABLETRAY WITH 14" WIDE LATERAL DATA CABLES
C1E	20" WIDE WIRE MESH TYPE CABLETRAY WITH 12" WIDE LATERAL DATA CABLES
C1F	20" WIDE WIRE MESH TYPE CABLETRAY WITH 10" WIDE LATERAL DATA CABLES
C1G	20" WIDE WIRE MESH TYPE CABLETRAY WITH 8" WIDE LATERAL DATA CABLES
C1H	20" WIDE WIRE MESH TYPE CABLETRAY WITH 6" WIDE LATERAL DATA CABLES
C1I	20" WIDE WIRE MESH TYPE CABLETRAY WITH 4" WIDE LATERAL DATA CABLES
C1J	20" WIDE WIRE MESH TYPE CABLETRAY WITH 2" WIDE LATERAL DATA CABLES

MULTI-FUNCTION FLOORBOX/POKE-THRU ASSEMBLY SCHEDULE

DESCRIPTION	FINISH
RECESSED WALL MOUNTED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.	FRAMED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
RECESSED WALL MOUNTED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.	FRAMED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.
RECESSED WALL MOUNTED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.	FRAMED FLOOR BOX WITH 12" WIDE COVER AND 12" WIDE OPENING FOR DATA CABLES. PROVIDE 1/2" CLEARANCE BETWEEN WALL AND COVER. PROVIDE APPROXIMATELY 1/4" OF CLEARANCE BETWEEN WIRE BUNDLES AND THE WALL.





KEY PLAN

NOTES (FIRST FLOOR POWER PLAN - AREA 'H') CONT.

100. PROVIDE SALES FOR THE FOLLOWING: 100.1. 100.2. 100.3. 100.4. 100.5. 100.6. 100.7. 100.8. 100.9. 100.10. 100.11. 100.12. 100.13. 100.14. 100.15. 100.16. 100.17. 100.18. 100.19. 100.20. 100.21. 100.22. 100.23. 100.24. 100.25. 100.26. 100.27. 100.28. 100.29. 100.30. 100.31. 100.32. 100.33. 100.34. 100.35. 100.36. 100.37. 100.38. 100.39. 100.40. 100.41. 100.42. 100.43. 100.44. 100.45. 100.46. 100.47. 100.48. 100.49. 100.50. 100.51. 100.52. 100.53. 100.54. 100.55. 100.56. 100.57. 100.58. 100.59. 100.60. 100.61. 100.62. 100.63. 100.64. 100.65. 100.66. 100.67. 100.68. 100.69. 100.70. 100.71. 100.72. 100.73. 100.74. 100.75. 100.76. 100.77. 100.78. 100.79. 100.80. 100.81. 100.82. 100.83. 100.84. 100.85. 100.86. 100.87. 100.88. 100.89. 100.90. 100.91. 100.92. 100.93. 100.94. 100.95. 100.96. 100.97. 100.98. 100.99. 100.100.

NOTES (FIRST FLOOR POWER PLAN - AREA 'H') CONT.

101. PROVIDE SALES FOR THE FOLLOWING: 101.1. 101.2. 101.3. 101.4. 101.5. 101.6. 101.7. 101.8. 101.9. 101.10. 101.11. 101.12. 101.13. 101.14. 101.15. 101.16. 101.17. 101.18. 101.19. 101.20. 101.21. 101.22. 101.23. 101.24. 101.25. 101.26. 101.27. 101.28. 101.29. 101.30. 101.31. 101.32. 101.33. 101.34. 101.35. 101.36. 101.37. 101.38. 101.39. 101.40. 101.41. 101.42. 101.43. 101.44. 101.45. 101.46. 101.47. 101.48. 101.49. 101.50. 101.51. 101.52. 101.53. 101.54. 101.55. 101.56. 101.57. 101.58. 101.59. 101.60. 101.61. 101.62. 101.63. 101.64. 101.65. 101.66. 101.67. 101.68. 101.69. 101.70. 101.71. 101.72. 101.73. 101.74. 101.75. 101.76. 101.77. 101.78. 101.79. 101.80. 101.81. 101.82. 101.83. 101.84. 101.85. 101.86. 101.87. 101.88. 101.89. 101.90. 101.91. 101.92. 101.93. 101.94. 101.95. 101.96. 101.97. 101.98. 101.99. 101.100.

NOTES (FIRST FLOOR POWER PLAN - AREA 'H') CONT.

102. PROVIDE SALES FOR THE FOLLOWING: 102.1. 102.2. 102.3. 102.4. 102.5. 102.6. 102.7. 102.8. 102.9. 102.10. 102.11. 102.12. 102.13. 102.14. 102.15. 102.16. 102.17. 102.18. 102.19. 102.20. 102.21. 102.22. 102.23. 102.24. 102.25. 102.26. 102.27. 102.28. 102.29. 102.30. 102.31. 102.32. 102.33. 102.34. 102.35. 102.36. 102.37. 102.38. 102.39. 102.40. 102.41. 102.42. 102.43. 102.44. 102.45. 102.46. 102.47. 102.48. 102.49. 102.50. 102.51. 102.52. 102.53. 102.54. 102.55. 102.56. 102.57. 102.58. 102.59. 102.60. 102.61. 102.62. 102.63. 102.64. 102.65. 102.66. 102.67. 102.68. 102.69. 102.70. 102.71. 102.72. 102.73. 102.74. 102.75. 102.76. 102.77. 102.78. 102.79. 102.80. 102.81. 102.82. 102.83. 102.84. 102.85. 102.86. 102.87. 102.88. 102.89. 102.90. 102.91. 102.92. 102.93. 102.94. 102.95. 102.96. 102.97. 102.98. 102.99. 102.100.

NOTES (FIRST FLOOR POWER PLAN - AREA 'H') CONT.

103. PROVIDE SALES FOR THE FOLLOWING: 103.1. 103.2. 103.3. 103.4. 103.5. 103.6. 103.7. 103.8. 103.9. 103.10. 103.11. 103.12. 103.13. 103.14. 103.15. 103.16. 103.17. 103.18. 103.19. 103.20. 103.21. 103.22. 103.23. 103.24. 103.25. 103.26. 103.27. 103.28. 103.29. 103.30. 103.31. 103.32. 103.33. 103.34. 103.35. 103.36. 103.37. 103.38. 103.39. 103.40. 103.41. 103.42. 103.43. 103.44. 103.45. 103.46. 103.47. 103.48. 103.49. 103.50. 103.51. 103.52. 103.53. 103.54. 103.55. 103.56. 103.57. 103.58. 103.59. 103.60. 103.61. 103.62. 103.63. 103.64. 103.65. 103.66. 103.67. 103.68. 103.69. 103.70. 103.71. 103.72. 103.73. 103.74. 103.75. 103.76. 103.77. 103.78. 103.79. 103.80. 103.81. 103.82. 103.83. 103.84. 103.85. 103.86. 103.87. 103.88. 103.89. 103.90. 103.91. 103.92. 103.93. 103.94. 103.95. 103.96. 103.97. 103.98. 103.99. 103.100.

GENERAL NOTES (FIRST FLOOR POWER PLAN - AREA 'H').

104. PROVIDE SALES FOR THE FOLLOWING: 104.1. 104.2. 104.3. 104.4. 104.5. 104.6. 104.7. 104.8. 104.9. 104.10. 104.11. 104.12. 104.13. 104.14. 104.15. 104.16. 104.17. 104.18. 104.19. 104.20. 104.21. 104.22. 104.23. 104.24. 104.25. 104.26. 104.27. 104.28. 104.29. 104.30. 104.31. 104.32. 104.33. 104.34. 104.35. 104.36. 104.37. 104.38. 104.39. 104.40. 104.41. 104.42. 104.43. 104.44. 104.45. 104.46. 104.47. 104.48. 104.49. 104.50. 104.51. 104.52. 104.53. 104.54. 104.55. 104.56. 104.57. 104.58. 104.59. 104.60. 104.61. 104.62. 104.63. 104.64. 104.65. 104.66. 104.67. 104.68. 104.69. 104.70. 104.71. 104.72. 104.73. 104.74. 104.75. 104.76. 104.77. 104.78. 104.79. 104.80. 104.81. 104.82. 104.83. 104.84. 104.85. 104.86. 104.87. 104.88. 104.89. 104.90. 104.91. 104.92. 104.93. 104.94. 104.95. 104.96. 104.97. 104.98. 104.99. 104.100.





MODE # 190 22-104

SHAFER, CHRISTIAN & SONS
HOPKINSVILLE, KY 42404

HAFER

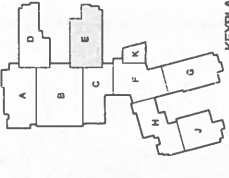
ALLIANCE
1116 E. Chicago Street
Hopkinsville, KY 42404
Telephone: 774-811-9086

bell engineering

K&S Engineering, PLLC
1341 Main Street
Columbia, KY 40304
Telephone: 831-841-8484

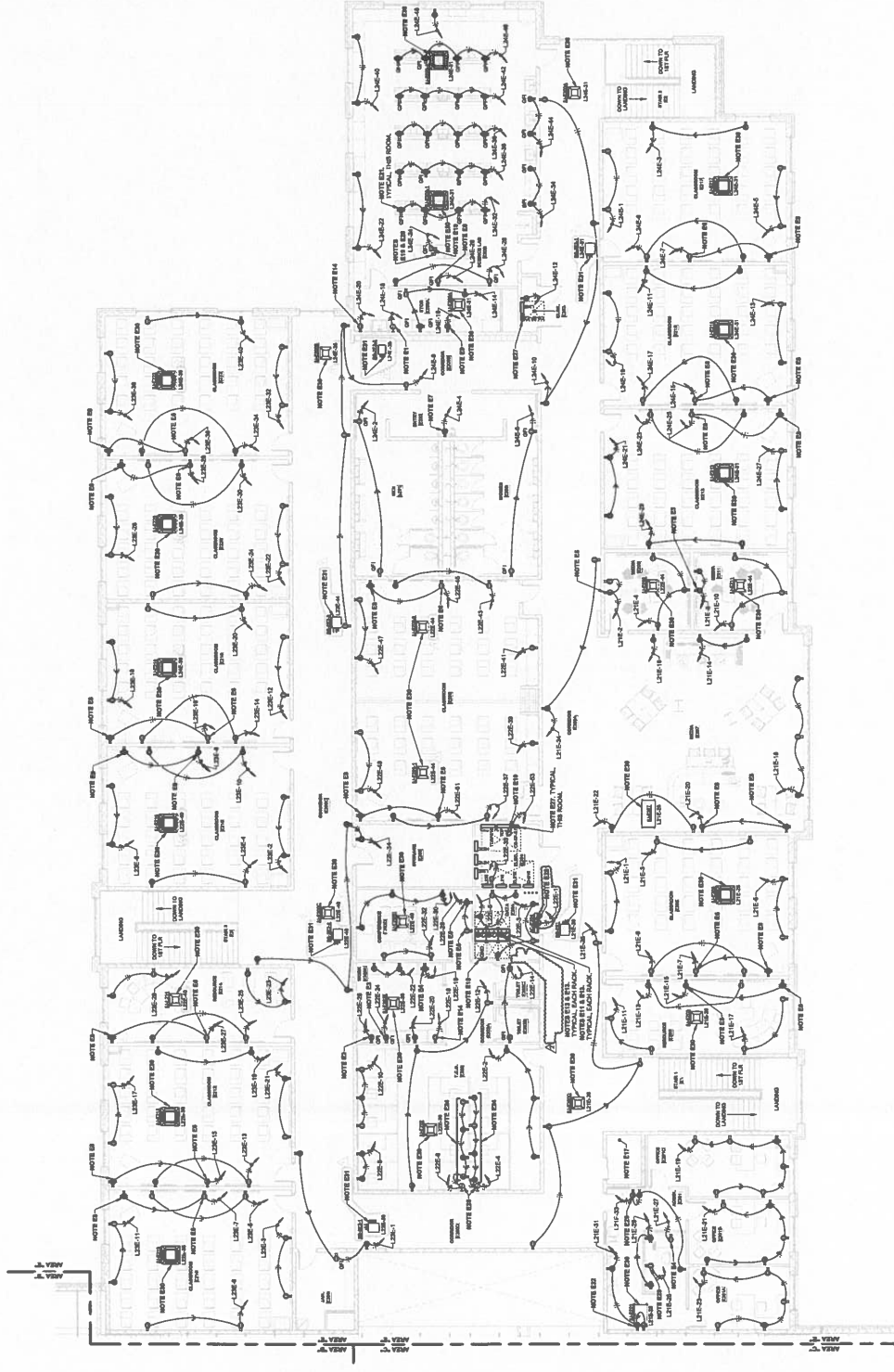
WBW
3008 Owen Drive
Hopkinsville, KY 42404
Telephone: 774-848-2929

G G&S Building and Equipment Co.
1116 E. Chicago Street
Hopkinsville, KY 42404
Telephone: 831-421-0827



NOTES (SECOND FLOOR POWER PLAN - AREA "E"):

- E1. JUNCTION BOXES AND DESIGNATED BRANCH CIRCUIT RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- E2. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR MICROWAVE.
- E3. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR COFFEE MAKER.
- E4. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR POSTER/NOTICE BOARD.
- E5. RECEPTACLE FOR WALL MOUNT INTERACTIVE ELAT FRAME.
- E6. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR THE SCIENCE CENTER BY THE ARCHITECT AND INSTALLATION REQUIREMENTS ATTACHED TO THE PLAN. A LOCATION WHICH THE OUTLET IS FROM VIEW AND STILL ALLOWS THE RECEPTACLE TO BE ACCESSIBLE. SEE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E7. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR COOLING UNIT.
- E8. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR THE COMMUNICATIONS RECEPTION LOCATION AND RECEPTACLE FOR THE INTERACTIVE TV PANELS. AN ADDITIONAL RECEPTACLE BEHIND THE WALL AND STILL ALLOW THE RECEPTACLE TO BE ACCESSIBLE. SEE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E9. RECEPTACLE FOR POWER TO AUTOMATED CONTROL CABINET.
- E10. RECEPTACLE AND DESIGNATED BRANCH CIRCUIT FOR THE AUTOMATED CONTROL CABINET. THE RECEPTACLE SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. THE LOCATION ELECTRICAL REQUIREMENTS DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E11. JUNCTION BOXES AS REQUIRED FOR POWER CIRCUIT TO 20A CIRCUIT TO ILC PANELS FROM MAIN AND BRANCH CIRCUIT. SEE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E12. PROVIDE A QUANTITY FOUR (4) RECEPTACLES EACH FROM MAIN AND BRANCH CIRCUIT TO ILC PANELS FROM MAIN AND BRANCH CIRCUIT. SEE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E13. PROVIDE A QUANTITY FOUR (4) RECEPTACLES EACH FROM MAIN AND BRANCH CIRCUIT TO ILC PANELS FROM MAIN AND BRANCH CIRCUIT. SEE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E14. PROVIDE A QUANTITY FOUR (4) RECEPTACLES EACH FROM MAIN AND BRANCH CIRCUIT TO ILC PANELS FROM MAIN AND BRANCH CIRCUIT. SEE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E15. COORDINATE THE INSTALLATION LOCATIONS A MAINTENANCE ACCESS TO THE RECEPTACLES SHALL NOT BE OBSCURED BY EQUIPMENT OWNERS FROM RECEPTACLES WITHIN THE ROOM.
- E16. THE CIRCUIT RACE AND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- E17. NOTE NOT USED.
- E18. NOTE NOT USED.
- E19. COORDINATE ALL ELECTRICAL INSTALLATION REQUIREMENTS WITH ALL OTHER TRADES AND MAINTENANCE ACCESS WITHIN THE ROOM. THE ELEVATOR PROVIDER SHALL BE NOTIFIED IN WRITING OF THE LOCATION OF THE RECEPTACLES AND THE LOCATION OF THE RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- E20. PROVIDE CONDUIT TYPE CONTROL SWITCH FOR CONTROL OF THE RECEPTACLES. THE RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E21. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E22. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E23. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E24. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E25. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E26. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E28. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E31. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E36. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E37. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E38. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E39. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E40. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E41. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E42. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E43. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E44. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E45. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E46. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E47. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E48. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E49. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E50. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E51. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E52. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E58. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E59. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E60. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E61. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E62. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E63. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E64. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E65. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E66. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E67. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E68. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E69. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E70. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E71. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E72. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E73. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E74. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E75. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E76. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E77. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E79. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E80. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E81. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E82. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E83. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E84. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E86. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E88. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E89. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E90. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
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- E92. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E93. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E94. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E95. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E96. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E97. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E98. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E99. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.
- E100. PROVIDE APPROVED TYPE ILLUMINATION FROM THE RECEPTACLE DETAIL SHEET E1.4 FOR ADDITIONAL REQUIREMENTS.



1/8" = 1'-0"
AREA "E"

POWER PLAN - SECOND FLOOR - AREA "E"

Architect's Project No. 2106-204
Date: May, 20
Drawing No.

E2.2E

NOTE # 190 22-104

SHORT CIRCUIT AND
GROUND FAULT PROTECTION BY 4240

HAFER
ELECTRICAL CONTRACTORS
1115 S. 10th Street,
Hopkinsville, KY 42403
Phone: 270-244-1115
Fax: 270-244-1116
www.haferelectrical.com

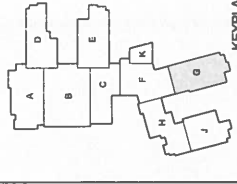
ALLIANCE
ELECTRICAL CONTRACTORS
1115 S. 10th Street,
Hopkinsville, KY 42403
Phone: 270-244-1115
Fax: 270-244-1116
www.allianceelectrical.com

bell
engineering
107 Kays Dale,
Hopkinsville, KY 42406
Phone: 270-248-5400

K/S
Engineering PLLC
141 Highland Drive,
Clarksville, TN 37040
Phone: 615-661-0247

WBW
ELECTRICAL CONTRACTORS
3000 Owensby Dr,
Hopkinsville, KY 42403
Phone: 270-248-2279

G
ECS Energy and Equipment Co.
1115 S. 10th Street,
Hopkinsville, KY 42403
Phone: 270-244-1115



KEY PLAN

Revised	By	Reason	Checked By

POWER PLAN - SECOND
FLOOR - AREA "G"
Sheet No: 2106-204
Date: May, 20
Architect's Project No: 2106-204
Drawing No: E2.2G

NOTES (SECOND FLOOR POWER PLAN - AREA "G") (CONTINUED):

02. PROVIDE MULTI-FUNCTION PULL-TYPE BREAKERS (LTV) AS INDICATED ON THE TYPE OF BREAKER IN THE MULTI-PURPOSE POWER CENTER. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 02A. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 02A.1. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 02A.2. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

NOTES (SECOND FLOOR POWER PLAN - AREA "G"):

01. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 01A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 01B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

02. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 02A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 02B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

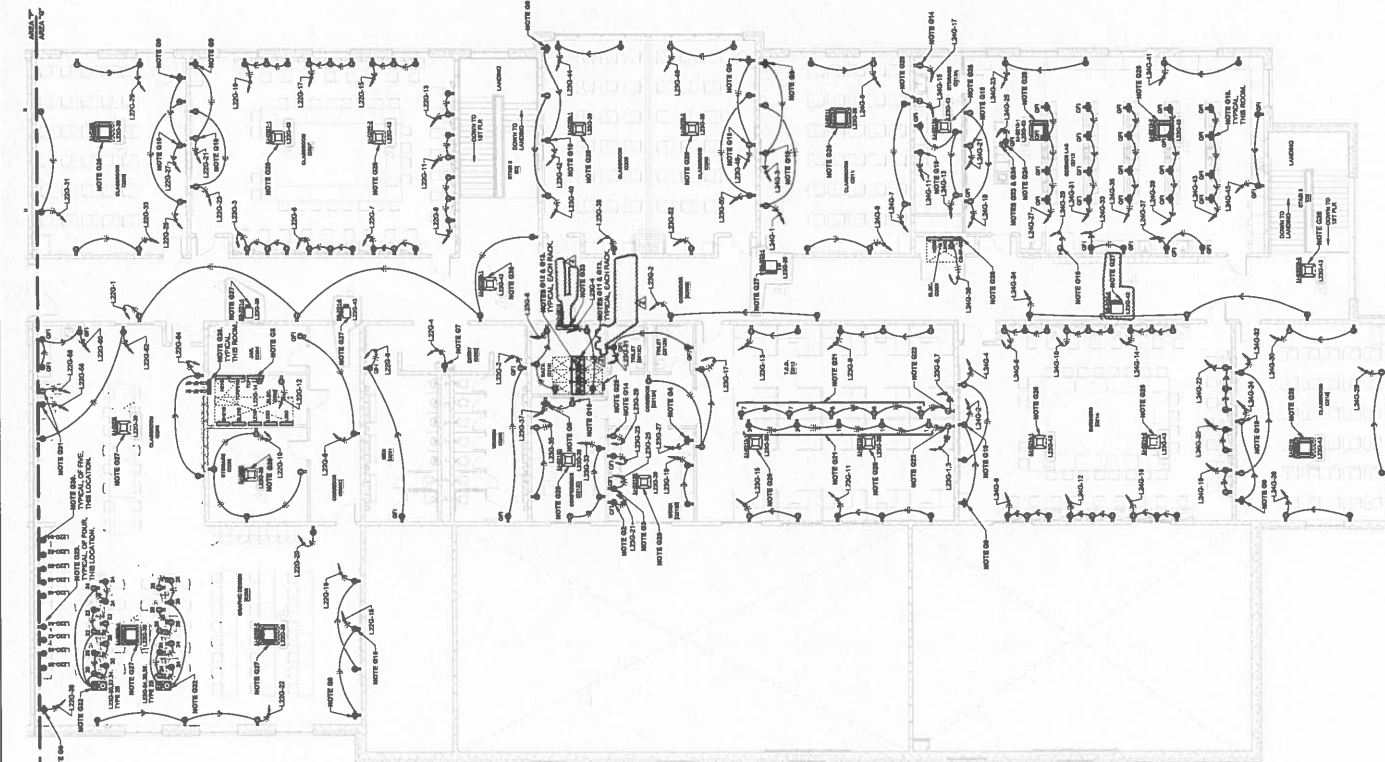
03. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 03A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 03B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

04. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 04A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 04B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

05. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 05A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 05B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

06. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 06A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 06B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.

07. PROVIDE A 15 AMP, 120 VOLT, 1-PHASE, 3-POLE, 4-POLE BREAKER WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY. PROVIDE BREAKERS WITH THE FOLLOWING CHARACTERISTICS TO CONFORM WITH ALL APPLICABLE CODES AND STANDARDS:
 - 07A. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.
 - 07B. PROVIDE BREAKERS WITH A 15 AMP TRIP UNIT AND A 15 AMP BREAKING CAPACITY.



POWER PLAN - SECOND FLOOR - AREA "G"
1/8" = 1'-0"



NOE # 190 22-104

SHEET NUMBER: 1630
HOPKINSVILLE, KY 42400

HAFER
118 E. College Street
Hopkinsville, KY 42401
Telephone: 774-611-6000

ALLIANCE
107 Poplar Oaks
Hopkinsville, KY 42401
Telephone: 774-666-8400

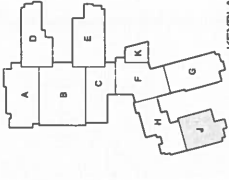
bell
107 Poplar Oaks
Hopkinsville, KY 42401
Telephone: 774-666-8400

K&S Engineering PLLC
124 Highland Drive
Clarksville, TN 37040
Telephone: 851-687-0244

WBW
3000 Centre Pointe
Clarksville, TN 37040
Telephone: 774-666-2929

GSI Energy and Equipment Co.
10000 Highway 101
Clarksville, TN 37040
Telephone: 812-462-1687

KEYPLA



- NOTES (SECOND FLOOR POWER PLAN - AREA "J"):**
1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL OTHER APPLICABLE CODES AND REGULATIONS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.
 2. RECEPTACLE AND DEDICATED BRANCH CIRCUIT FOR MICROWAVE.
 3. RECEPTACLE AND DEDICATED BRANCH CIRCUIT FOR COFFEE MAKER.
 4. RECEPTACLE AND DEDICATED BRANCH CIRCUIT FOR PRINTERS.
 5. NOTE NOT USED.

6. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

7. RECEPTACLE AND DEDICATED BRANCH CIRCUIT (BFC) FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

8. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

9. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

10. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

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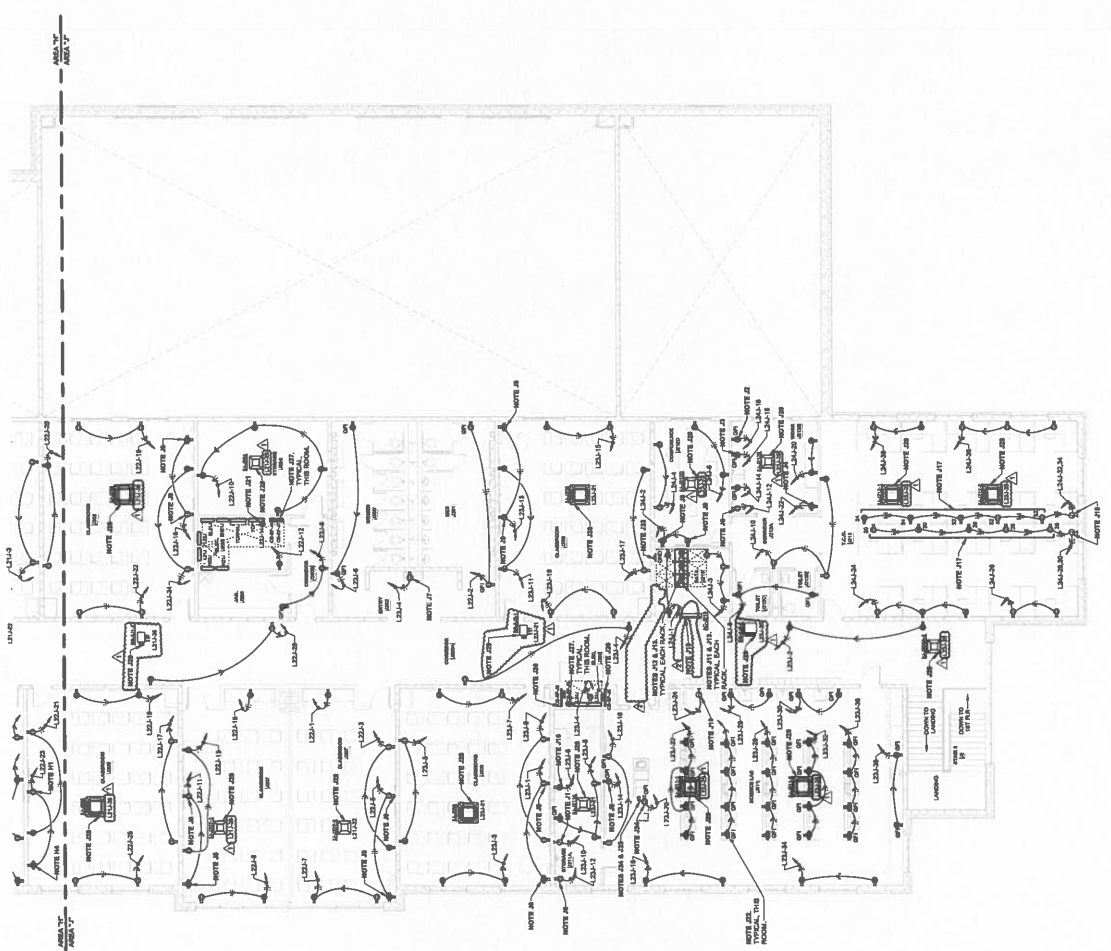
12. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

13. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

14. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

15. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.

16. PROVIDE A MINIMUM OF TWO (2) BRANCH CIRCUITS TO EACH RECEPTACLE AND DEDICATED BRANCH CIRCUIT FROM A GFCI TYPE CIRCUIT BREAKER FOR PROTECTION. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS. PROVIDE CIRCUIT TO ABSTENTION BOX MANUFACTURER'S REQUIREMENTS.



NO.	REVISION	DATE
1	ISSUED FOR PERMIT	05/20/20
2	REVISED PER COMMENTS	05/20/20
3	REVISED PER COMMENTS	05/20/20
4	REVISED PER COMMENTS	05/20/20
5	REVISED PER COMMENTS	05/20/20

Designed By: [Signature]
Checked By: [Signature]
Date: 05/20/20

POWER PLAN - SECOND FLOOR - AREA "J"

Architect's Project No: 2106-204
Date: May, 20
Drawing No: 16-107

1/8"=1'-0"
E2.2J

POWER PLAN - SECOND FLOOR - AREA "J"
16-107



KIDS # 180-22-104

500 F. CAMPBELL BLVD
HOPKINSVILLE, KY 42404

HAFER
CONSTRUCTION

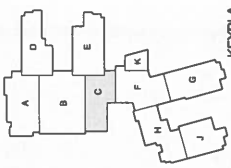
ALLIANCE

bell

KS Engineering PLLC

WBW CONSULTANTS

GCS Design and Equipment Co.



KEYPLAN

Revision table with columns for Date, Description, and Preparer

Architect's Project No. 21065-204
Date: May, 20

Drawing No. E3.1C

SYSTEMS & TECHNOLOGY PLAN - FIRST FLOOR - AREA "C"

GENERAL NOTES (FOR ALL SYSTEMS & TECH. PLANS):
CONCRETE FLOORS SHALL BE SMOOTH-FINISHED TO ACHIEVE A FINISH SURFACE OF 1/4" MAX. DEVIATION FROM FLAT. ALL OTHER FLOOR FINISHES SHALL BE AS SHOWN ON DRAWING.
ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL CODE OF ELECTRICAL SYMBOLS (IECS).
ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
ALL WIRING SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL PERMITS OFFICE AND THE LOCAL DEPARTMENT OF HEALTH SERVICES.

GENERAL NOTES (FOR ALL SYSTEMS & TECH. PLANS) (CONT.):
CONCRETE FLOORS SHALL BE SMOOTH-FINISHED TO ACHIEVE A FINISH SURFACE OF 1/4" MAX. DEVIATION FROM FLAT. ALL OTHER FLOOR FINISHES SHALL BE AS SHOWN ON DRAWING.
ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL CODE OF ELECTRICAL SYMBOLS (IECS).
ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
ALL WIRING SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL PERMITS OFFICE AND THE LOCAL DEPARTMENT OF HEALTH SERVICES.

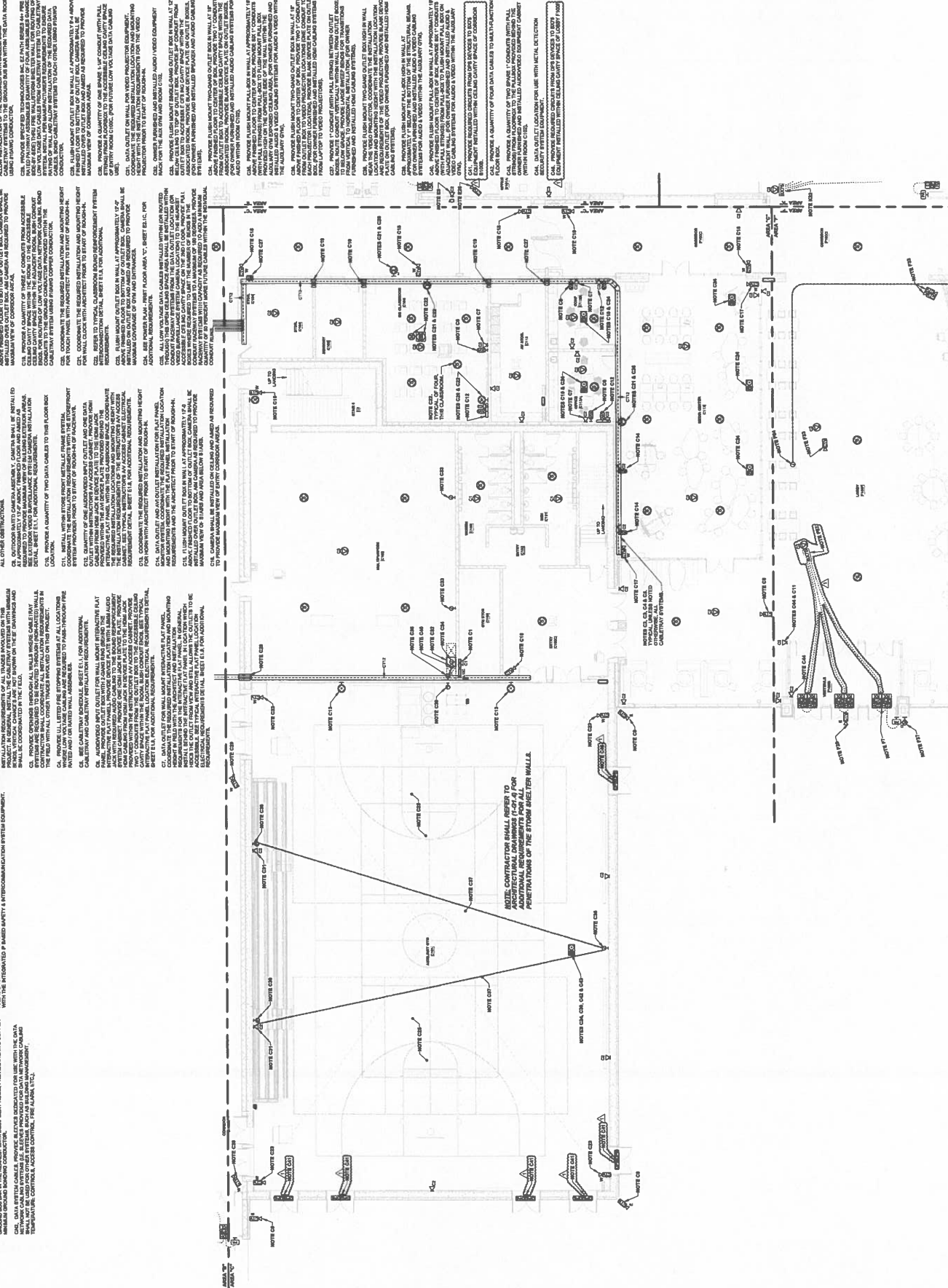
NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "C"):
C1. PROVIDE DATA OUTLET FROM NETWORK CONNECTION TO BUILDING BACKBONE AND FROM BACKBONE TO EACH CLASSROOM. PROVIDE DATA OUTLET IN EACH CLASSROOM TO PERMIT CONNECTION TO NETWORK. PROVIDE DATA OUTLET IN EACH CLASSROOM TO PERMIT CONNECTION TO NETWORK. PROVIDE DATA OUTLET IN EACH CLASSROOM TO PERMIT CONNECTION TO NETWORK.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "C"):
C2. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "C"):
C3. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "C"):
C4. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "C"):
C5. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM. PROVIDE SCHEDULED THROUGH WALL WIRELESS CABLE TRAY AND RISE TO EACH CLASSROOM.



SYSTEMS & TECHNOLOGY PLAN - FIRST FLOOR - AREA "C"
1/8" = 1'-0"

KODE # 180-22-104

1100 FT. CAMPBELL BLVD
HOPKINSVILLE, KY 27500

HAFER
1100 FT. CAMPBELL BLVD
HOPKINSVILLE, KY 27500
PH: 505-333-1111
FAX: 505-333-1111

ALLIANCE
1115 E. Campbell Street
Hopkinsville, KY 27500
Telephone: 278-486-5046

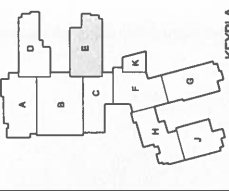
bell
157 Kappa Drive
Hopkinsville, KY 27500
Telephone: 278-486-5400

K&S Engineering, PLLC
124 Highland Drive
Columbia, TN 37642
Telephone: 821-847-0444

WBW
2000 Collins Street
Hopkinsville, KY 27500
Telephone: 278-486-2520

GT
124 Highland Drive
Columbia, TN 37642
Telephone: 821-847-0444

KEPLA
124 Highland Drive
Columbia, TN 37642
Telephone: 821-847-0444



**GENERAL NOTES
(FOR ALL SYSTEMS & TECH. PLANS):**

- 1. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 2. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 3. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 4. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 5. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 6. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 7. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 8. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 9. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- 10. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "E"):

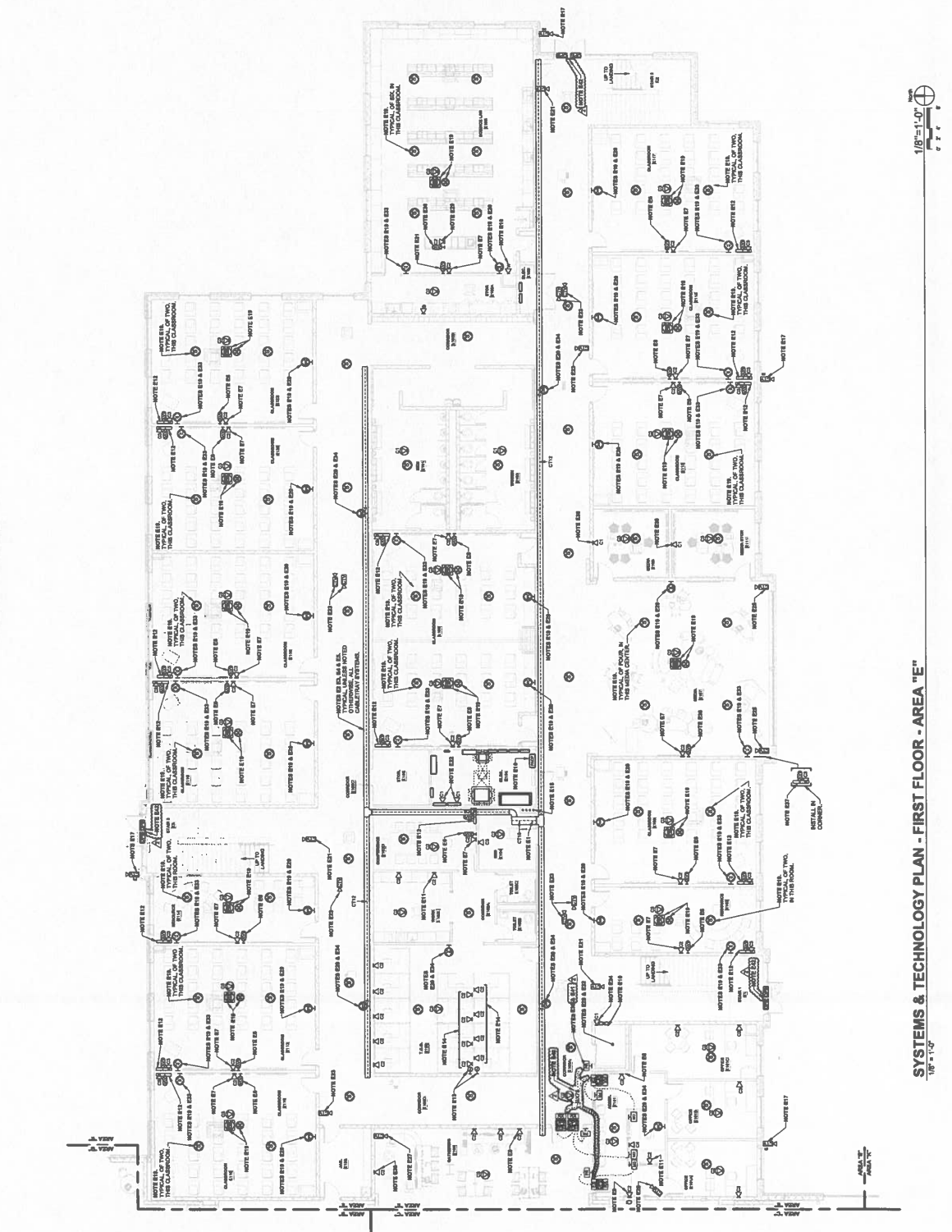
- E1. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E2. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E3. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E4. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E5. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E6. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E7. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E8. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E9. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E10. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.

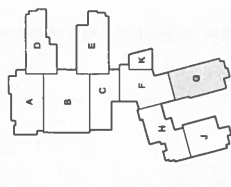
NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "E"):

- E11. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E12. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
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- E18. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E19. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E20. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "E"):

- E21. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E22. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E23. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
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- E26. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E27. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E28. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E29. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
- E30. PROVIDE ALL SYSTEMS & TECH. PLANS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.





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Revision	Description	By	Date
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3	REVISIONS		
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9	REVISIONS		
10	REVISIONS		

Architect's Project No: 21065-204
Date: May, 20
Drawing No: E3.1G

SYSTEMS & TECHNOLOGY PLAN - FIRST FLOOR - AREA "G"

GENERAL NOTES
FOR ALL SYSTEMS & TECH PLANS:
1. ALL SYSTEMS & TECH PLANS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SYSTEMS & TECH PLANS WITH THE ARCHITECTURAL AND STRUCTURAL PLANS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY MATERIALS AND LABOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEMS & TECH PLANS IN GOOD WORKING ORDER THROUGHOUT THE LIFE OF THE BUILDING.

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "G" - CONTINUED):
01. PROVIDE DATA OUTLET FOR NETWORK CONNECTIONS TO BUILDING PERMITTED BY THE ARCHITECT.
02. PROVIDE DATA OUTLET FOR NETWORK CONNECTIONS TO BUILDING PERMITTED BY THE ARCHITECT.
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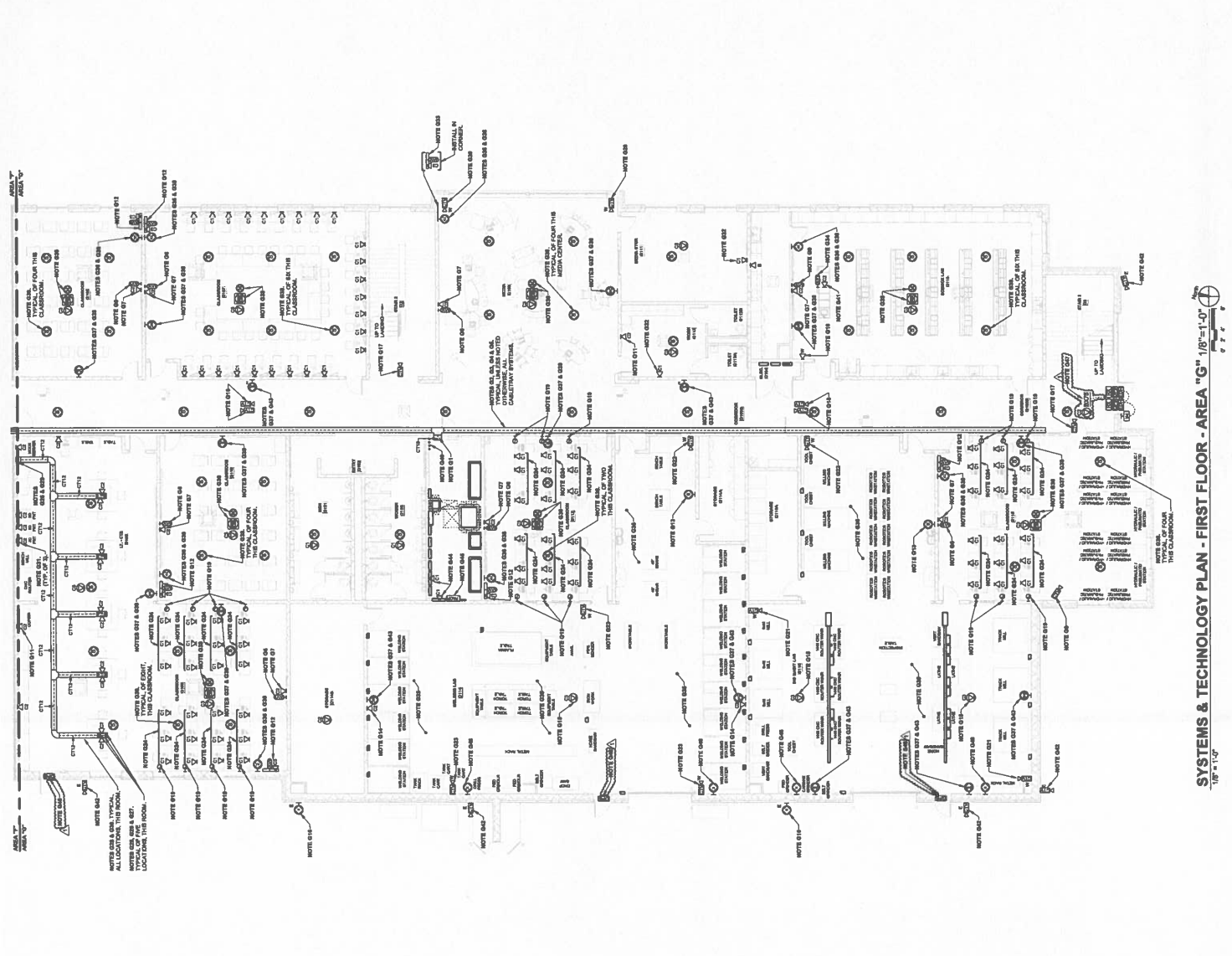
21. PROVIDE DATA OUTLET FOR NETWORK CONNECTIONS TO BUILDING PERMITTED BY THE ARCHITECT.
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SYSTEMS & TECHNOLOGY PLAN - FIRST FLOOR - AREA "G" 1/8"=1'-0" 1/8"=1'-0"



KCFE # 80-22-104

1805 F. CAMPERS BLVD HOPKINSVILLE, KY 42240

HAFER

116 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

ALLIANCE

100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

bell

100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

K&S Engineering, PLLC

100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

WBW

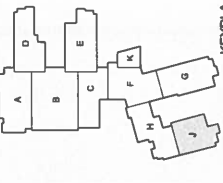
100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

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100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240

100 S. CAMPERS BLVD HOPKINSVILLE, KY 42240



KEY PLAN

Table with 4 columns: Description, Quantity, Unit, and Amount. Includes items like Data Outlet, Camera, and Cable Tray.

Sheet Title: SYSTEMS & TECHNOLOGY PLAN - FIRST FLOOR - ARE... Project No: 2106-204 Date: May, 20

E3.1J

NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "J") (CONT.)

- 17. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 208. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 209. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 210. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 211.

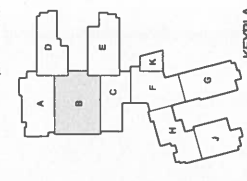
NOTES (FIRST FLOOR SYS. & TECH. PLAN - AREA "J") (CONT.)

- 18. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 212. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 213. PROVIDE DATA CABLE FROM WALL LOCATION TO DATA OUTLET IN ROOM 214.

GENERAL NOTES (FOR ALL SYSTEMS & TECH. PLANS)

- 1. APPROXIMATE LOCATION OF VERTICAL CABLEWAYS FROM DATA ROOM TO CLASSROOMS. PROVIDE CABLEWAYS WITH APPROXIMATELY 3" DIA. WALL MOUNTED INTERACTIVE PLAT. PROVIDE CABLEWAYS WITH APPROXIMATELY 3" DIA. WALL MOUNTED INTERACTIVE PLAT.





Revised	By	Date	Checked By

Sheet Title:
SYSTEMS & TECHNOLOGY
PLAN - SECOND FLOOR -
AREA 'B'

Project No.:
2106-204
Date:
May, 20

GENERAL NOTES
(FOR ALL SYSTEMS & TECH. PLANS):
1. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.
2. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.
3. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.
4. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.
5. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.

NOTES (SECOND FLOOR SYS. & TECH. PLAN - AREA 'B'-AI):
1. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.
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5. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES AND STANDARDS.

1. PROVIDE CAMERA ASSEMBLY WITH THE DATA AND VIDEO SIGNALS TO THE CAMERA SYSTEM IN PROVIDED CONDUIT. PROVIDE CAMERA ASSEMBLY WITH THE DATA AND VIDEO SIGNALS TO THE CAMERA SYSTEM IN PROVIDED CONDUIT. PROVIDE CAMERA ASSEMBLY WITH THE DATA AND VIDEO SIGNALS TO THE CAMERA SYSTEM IN PROVIDED CONDUIT. PROVIDE CAMERA ASSEMBLY WITH THE DATA AND VIDEO SIGNALS TO THE CAMERA SYSTEM IN PROVIDED CONDUIT. PROVIDE CAMERA ASSEMBLY WITH THE DATA AND VIDEO SIGNALS TO THE CAMERA SYSTEM IN PROVIDED CONDUIT.

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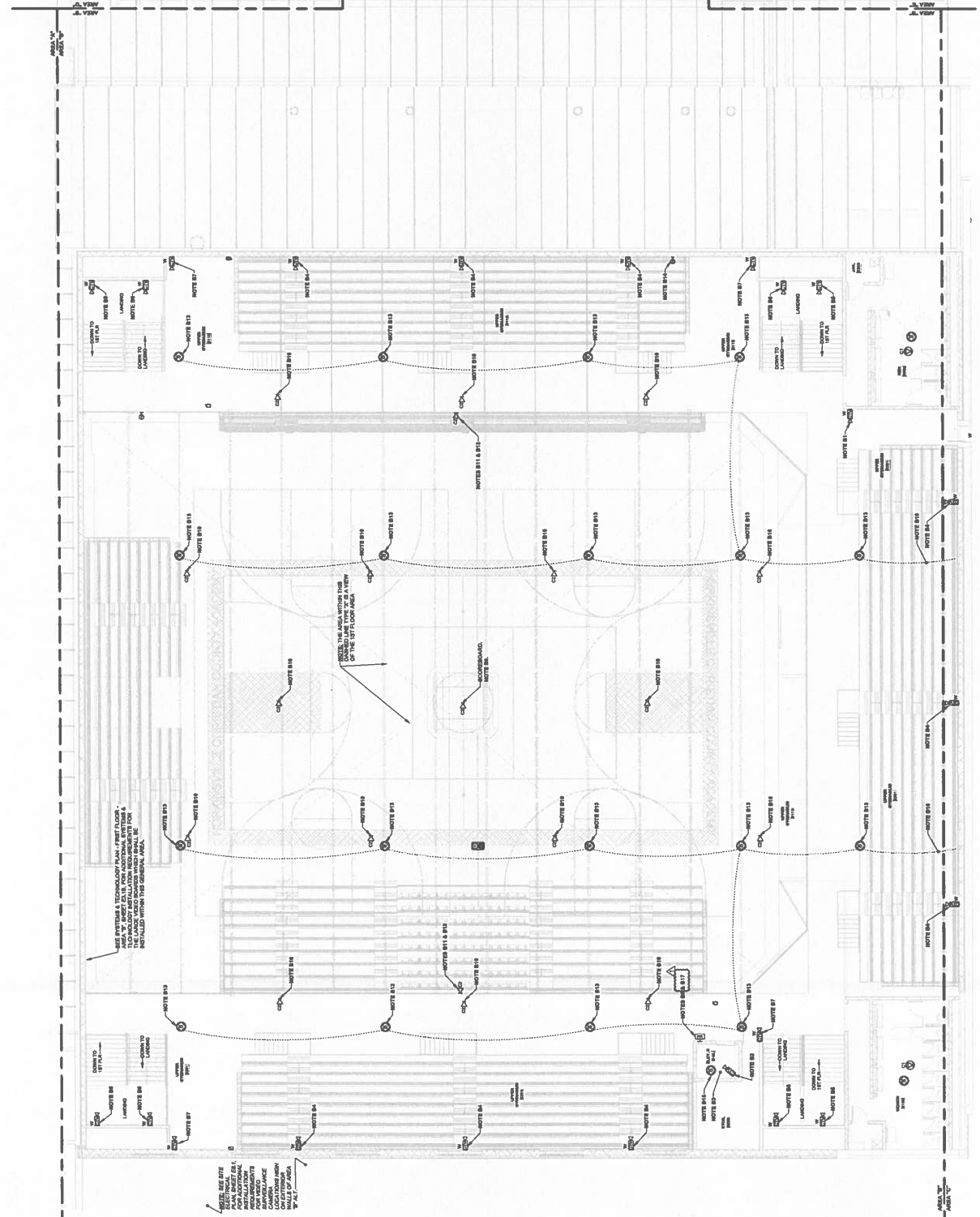
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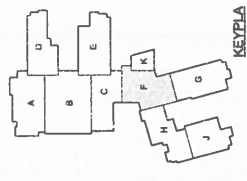
ALLIANCE
 1815 Commonwealth Blvd
 Lexington, KY 40503
 Telephone: 278-0819-906

bell
 127 Arden Drive
 Hopewell, KY 40346
 Telephone: 255-888-0400

K&S Engineering, PLLC
 1300 Highway 30
 Danville, KY 40401
 Telephone: 607-147-0044

WBM
 900 Centre, KY 40306
 Telephone: 278-668-2400

GT
 2150 Highway 23
 Danville, KY 40401
 Telephone: 813-741-1887



GENERAL NOTES
 (FOR ALL SYSTEMS & TECH PLANS) (CONT.)

F1. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

NOTES (SECOND FLOOR SYS. & TECH PLAN - AREA 'C')

F1. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

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GENERAL NOTES (FOR ALL SYSTEMS & TECH PLANS) (CONT.)

F5. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

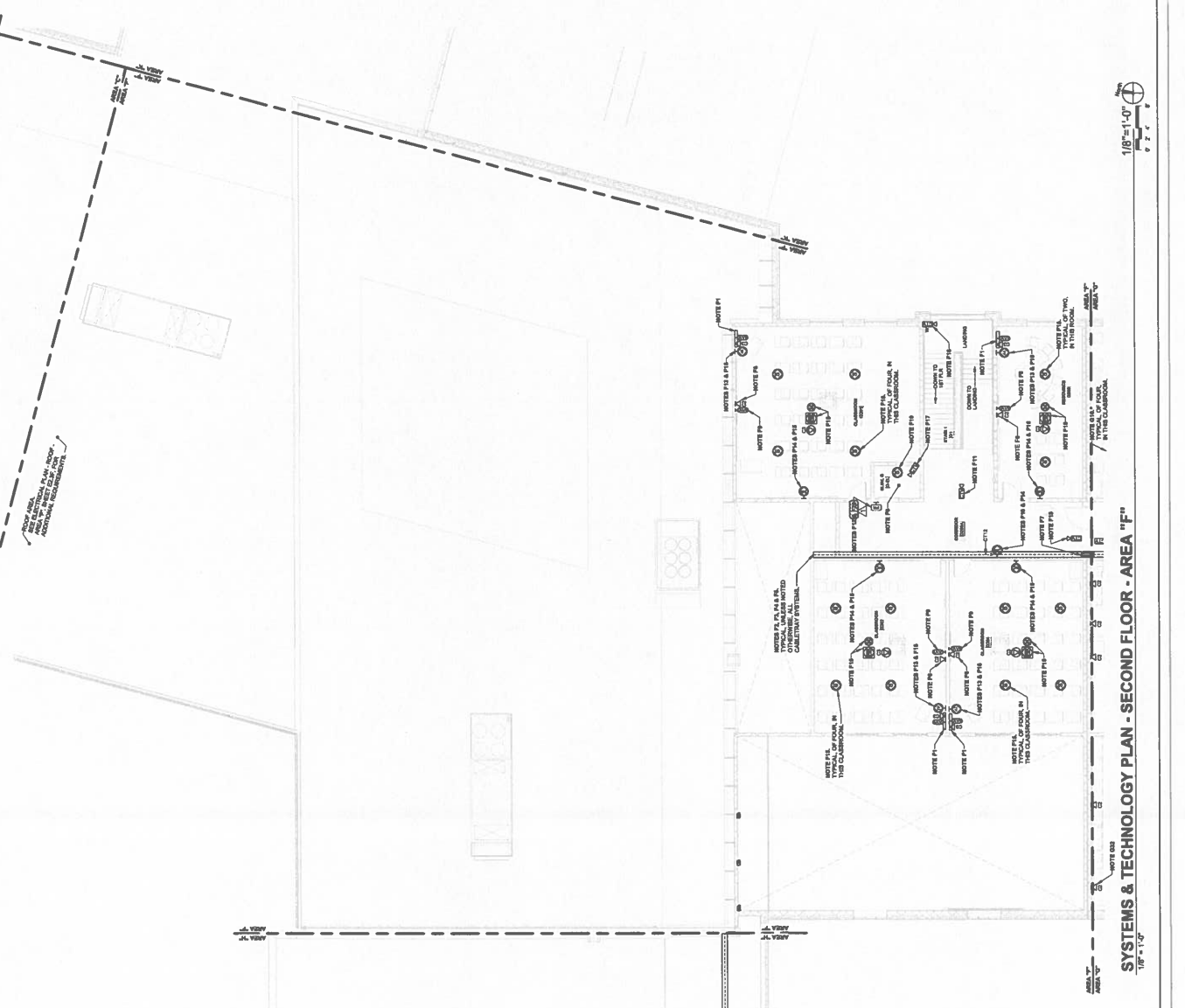
F6. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

F7. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

F8. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

F9. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

F10. PROVIDE TYPICAL CLASSROOM SOUND REINFORCEMENT SYSTEM AS SHOWN ON THESE DRAWINGS AND OTHER REVISIONS. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED. PROVIDE SOUND REINFORCEMENT SYSTEM WITH COMPARABLE SOUND AND OTHER PERFORMANCE AS SPECIFIED.

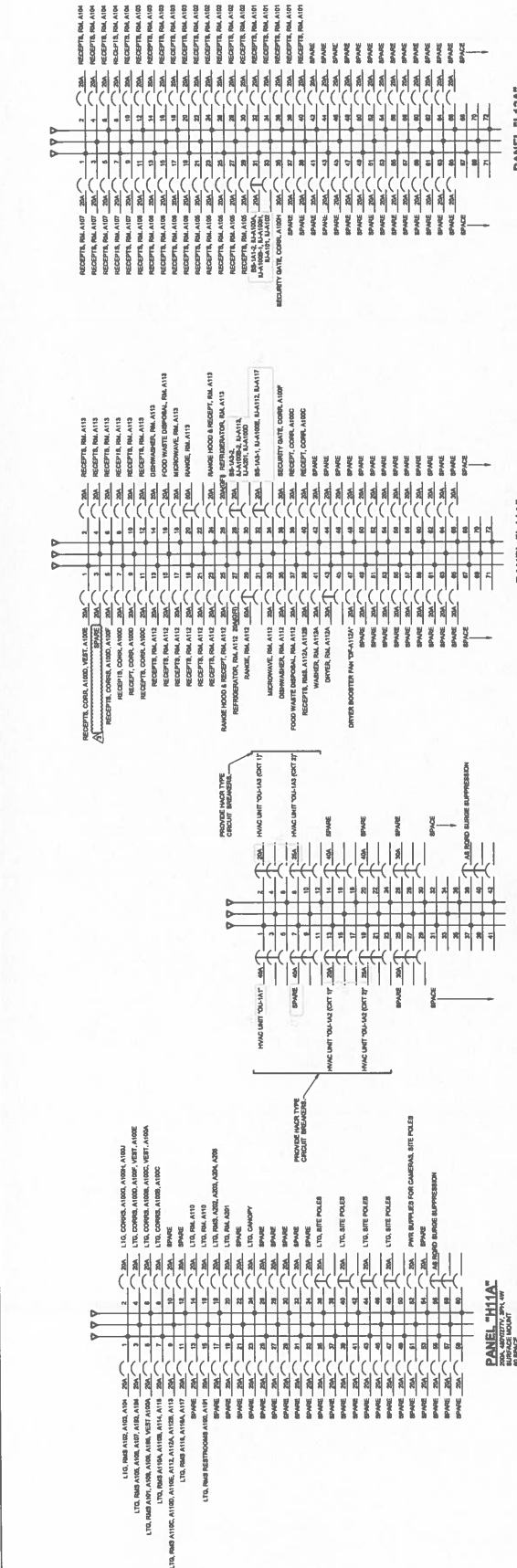


SYSTEMS & TECHNOLOGY PLAN - SECOND FLOOR - AREA 'F'

1/8" = 1'-0"



- ALLIANCE CONSULTING, K&S Engineering PLLC, WBW ASSOCIATES, CST Design and Engineering Co.

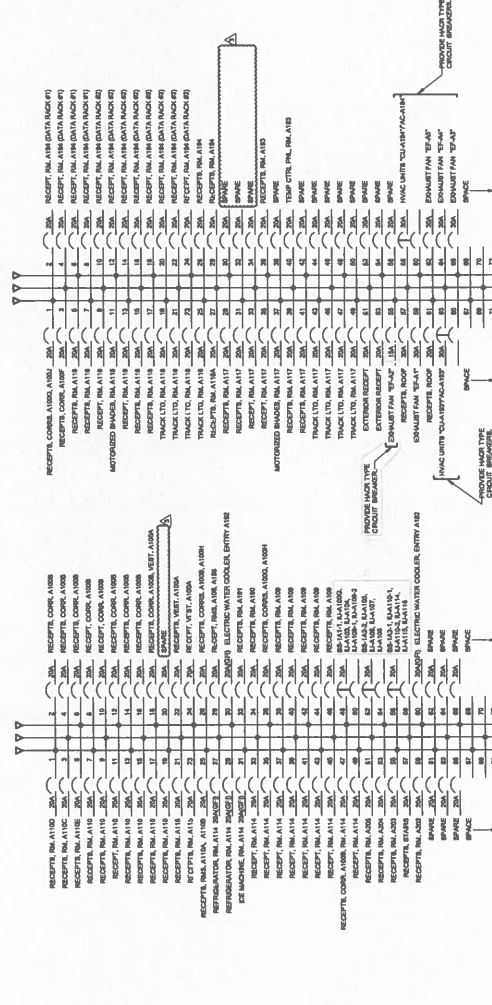


PANEL 'L12A' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L11A' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L12B' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L11B' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

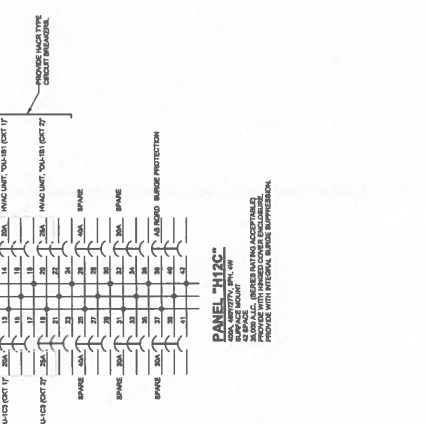
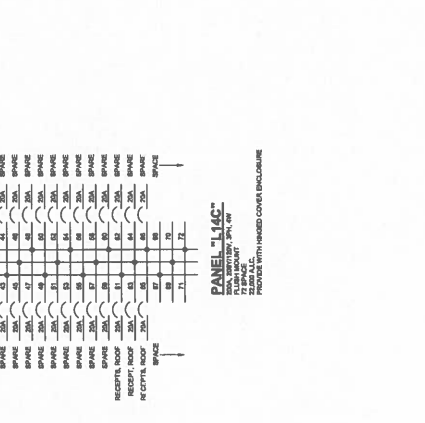
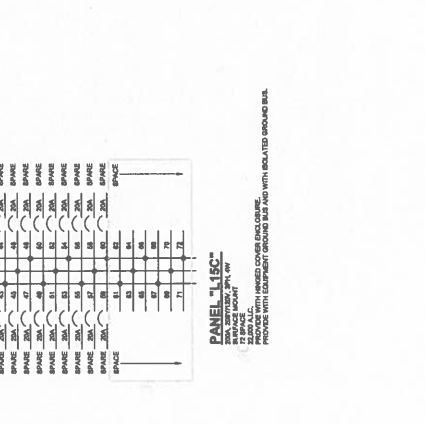
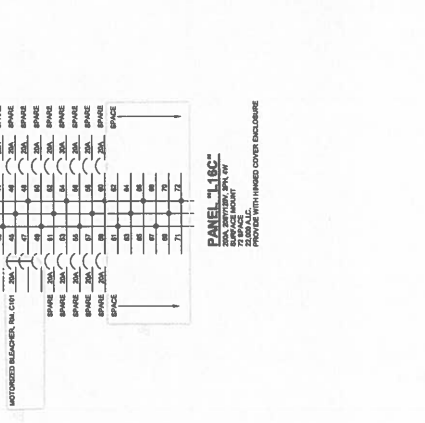
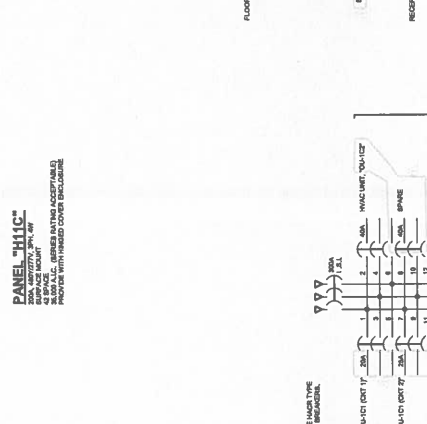
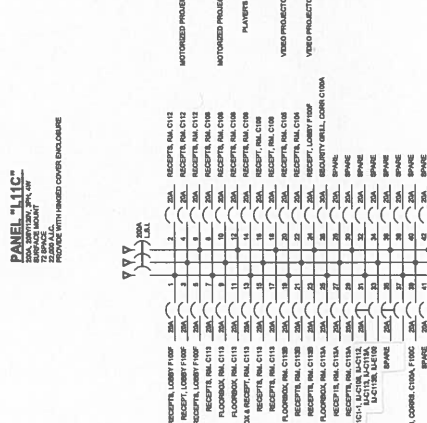
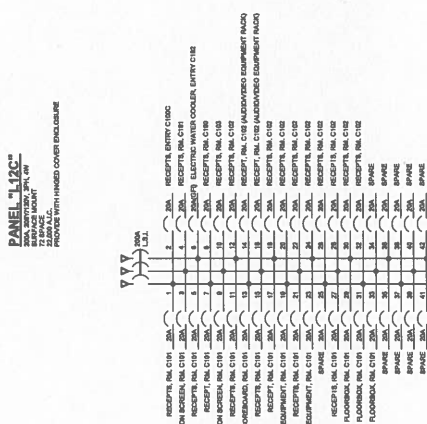
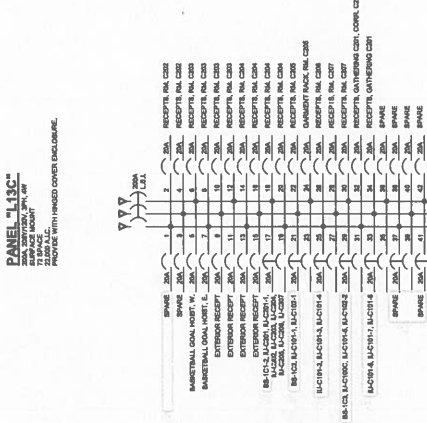
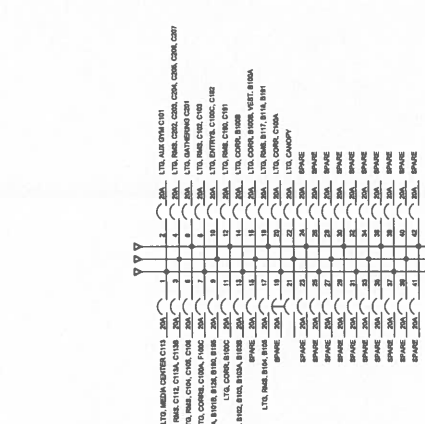
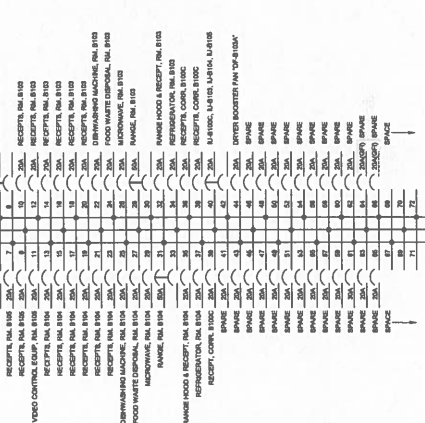
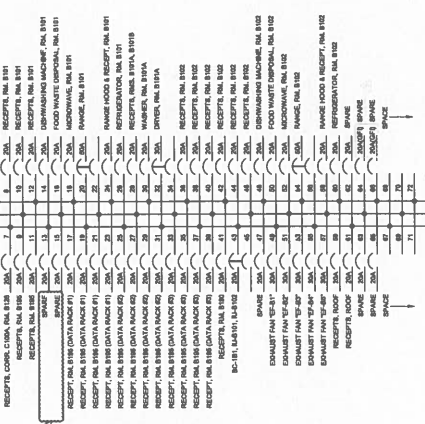
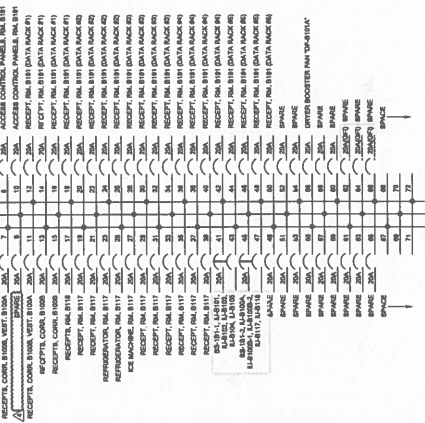


PANEL 'L14A' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L13A' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L14B' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.

PANEL 'L13B' 300V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE, 480V, 3-POLE, 3-WIRE, 4-WIRE. PROVIDE WITH HINGED COVER ENCLOSURE.





CHRISTIAN COUNTY PUBLIC SCHOOLS
 1000 College Blvd
 Hopkinsville, TN 38302

KOE # 80-22-104

516 FT. CAMPBELL BLVD
 HOPKINSVILLE, TN 38302

HAFFER
 1150 N. CENTRAL AVE
 HOPKINSVILLE, TN 38302



115 E. COLLETT DR
 HOPKINSVILLE, TN 38302



103 FARM DR
 HOPKINSVILLE, TN 38302

K&S Engineering, PLLC
 1414 HALL DR
 HOPKINSVILLE, TN 38302

1000 COLLETT BLVD
 HOPKINSVILLE, TN 38302



1100 COLLETT BLVD
 HOPKINSVILLE, TN 38302

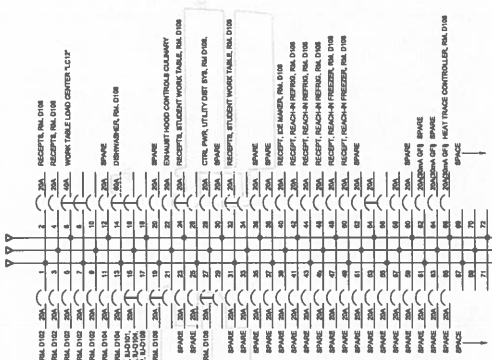
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Sheet Title:
BUSSESS DIAGRAMS - BLDG AREA 1D (1ST FLOOR) - NORMAL POWER

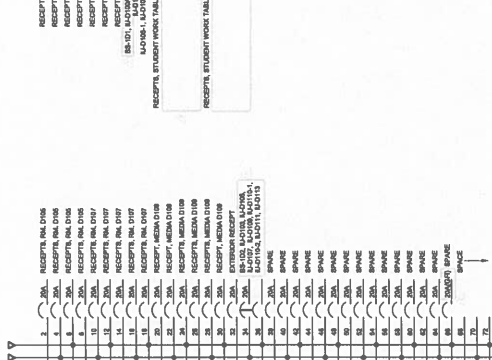
Architect's Project No: 2106-204
 Date: May, 20

Drawing No:

E6.4



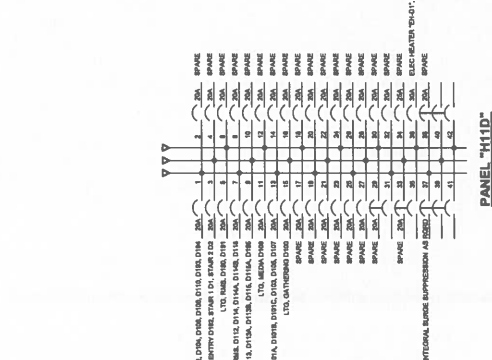
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 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



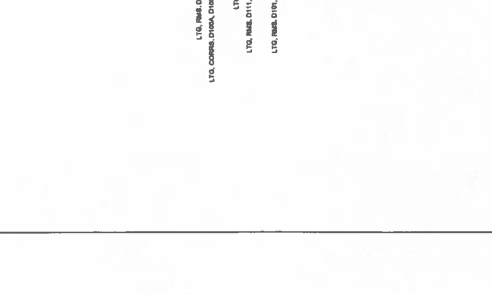
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 25.000 A.L.C.
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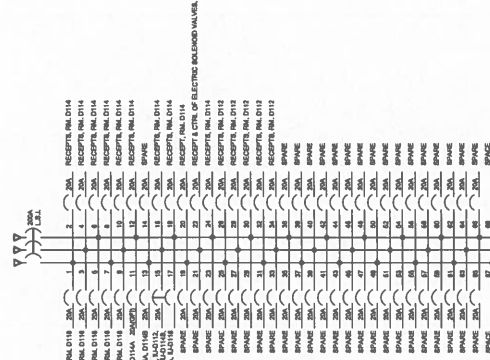
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 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



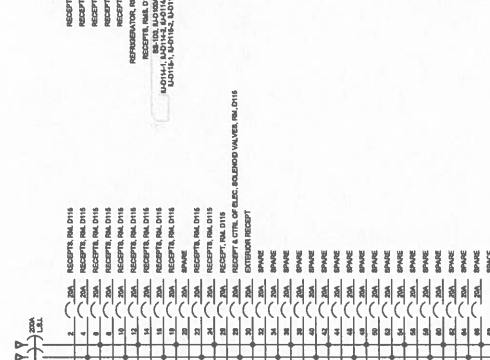
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 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



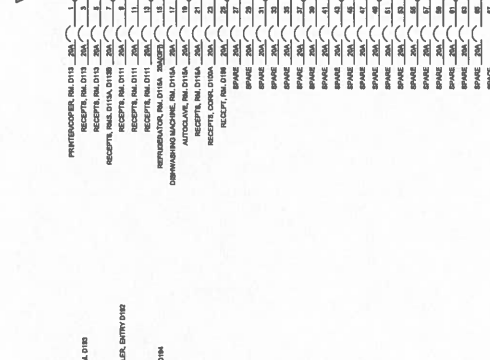
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 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



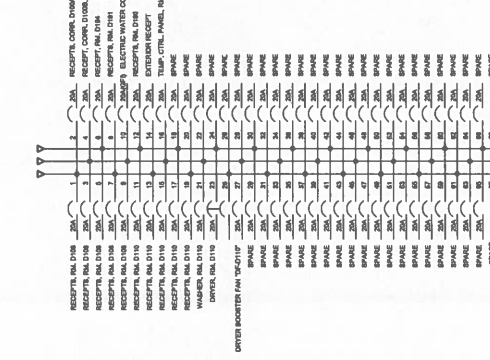
PANEL "1410"
 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



PANEL "1420"
 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



PANEL "1430"
 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



PANEL "1440"
 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



PANEL "1450"
 2500 VAC, 3-PHASE, 4-WIRE
 25.000 A.L.C.
 PROVIDE WITH INTEGRAL BRIDGE SUPPRESSOR.



NOTE # 80-22-104

1800 FT. CAMPBELL BLVD
HOPKINSVILLE, KY 42404

HAFER
ELECTRICAL CONTRACTORS
1111 S. CENTRAL AVE.
HOPKINSVILLE, KY 42404
PHONE: 773-421174
FAX: 773-421174

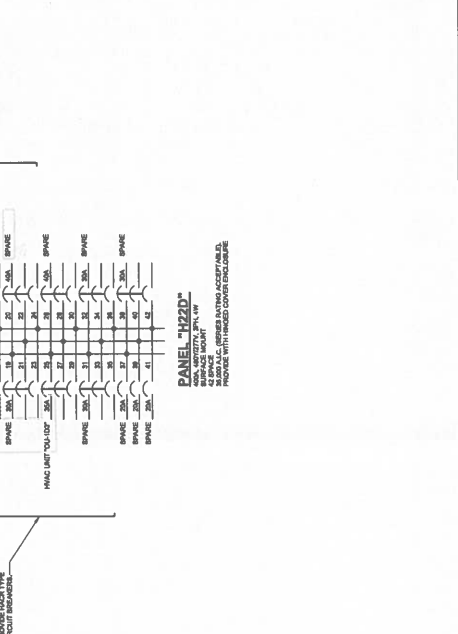
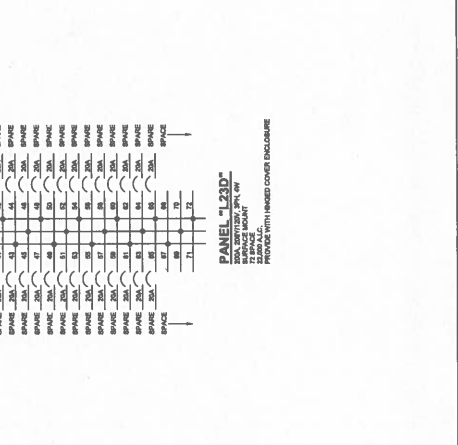
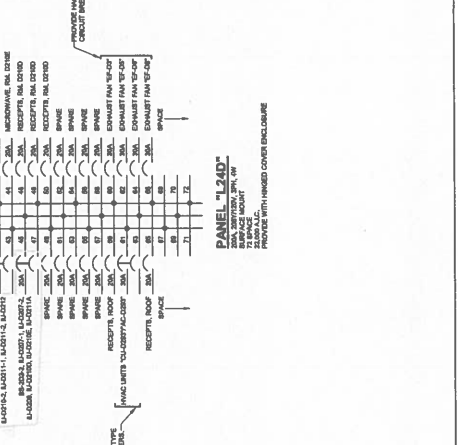
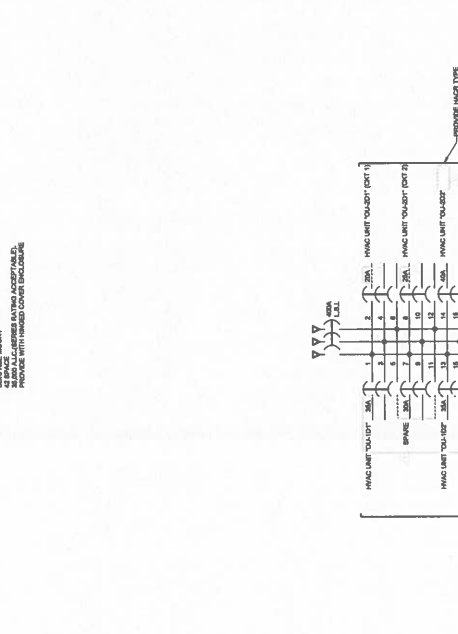
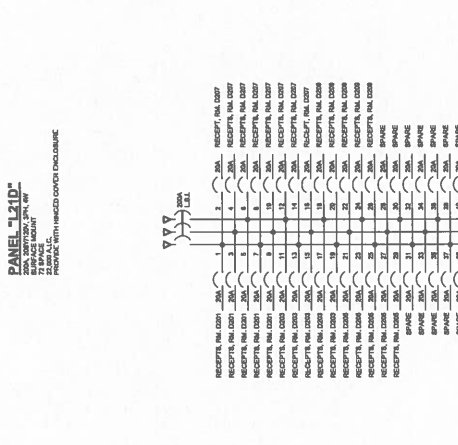
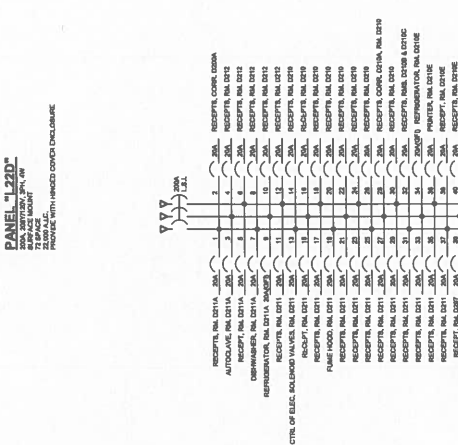
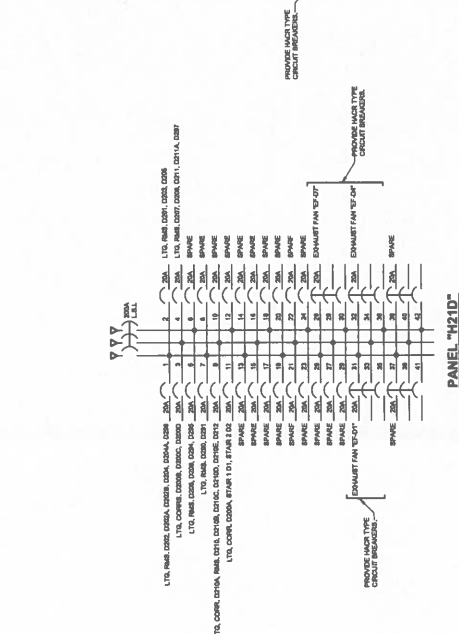
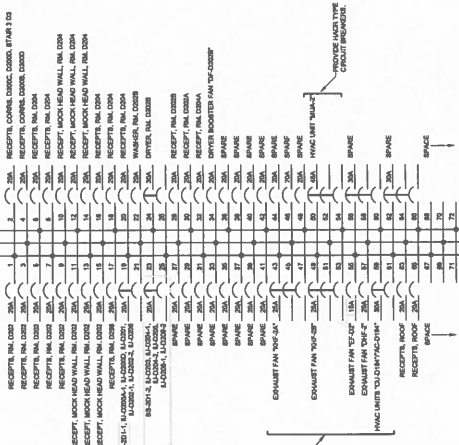
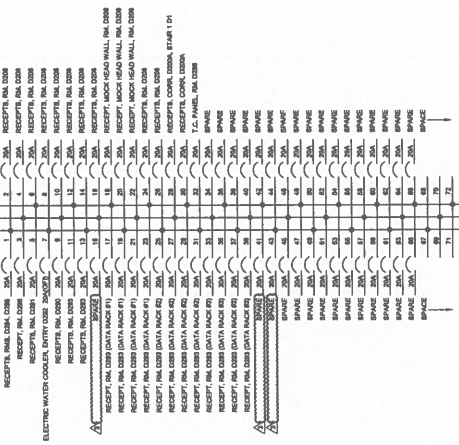
ALLIANCE
ELECTRICAL CONTRACTORS
1111 S. CENTRAL AVE.
HOPKINSVILLE, KY 42404
PHONE: 773-421174
FAX: 773-421174

bell
ELECTRICAL CONTRACTORS
1111 S. CENTRAL AVE.
HOPKINSVILLE, KY 42404
PHONE: 773-421174
FAX: 773-421174

K&S Engineering, PLLC
124 Highway 100
Hopkinsville, KY 42404
Telephone: 773-668-6400

WBW
ELECTRICAL CONTRACTORS
1111 S. CENTRAL AVE.
HOPKINSVILLE, KY 42404
PHONE: 773-421174
FAX: 773-421174

GT
CST Design and Equipment Co.
1111 S. CENTRAL AVE.
HOPKINSVILLE, KY 42404
PHONE: 773-421174
FAX: 773-421174



BUSSING DIAGRAMS - BLDG
AREA "D" (2ND FLOOR) -
NORMAL POWER

Revision Project No: _____ Date: May, 20
2/06-204

Drawing No: **E6.5**



118 E. Campbell Street
Hopkinsville, KY 42420
Telephone: 774-8174



127 Adams Drive
Hopkinsville, KY 42420
Telephone: 774-8664



141 Walnut Drive
Columbia, TN 38401
Telephone: 814-6140



900 Adams Street
Hopkinsville, KY 42420
Telephone: 774-8623



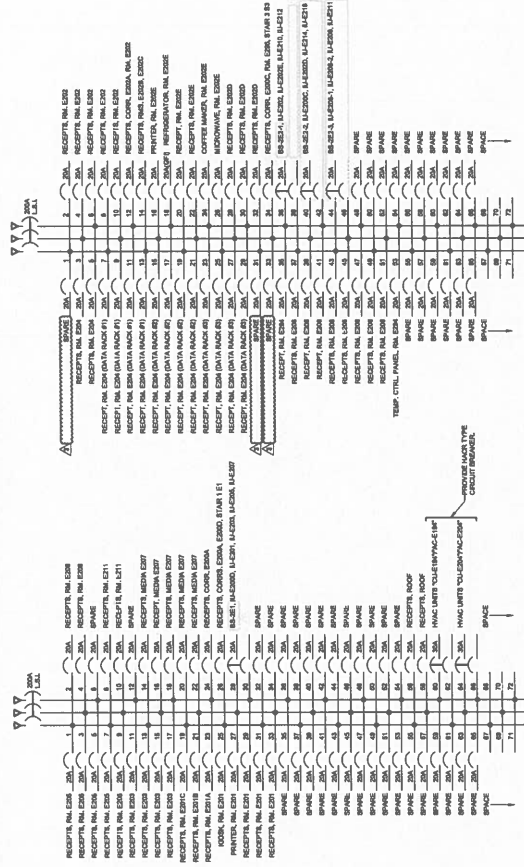
118 E. Campbell Street
Hopkinsville, KY 42420
Telephone: 814-6140

Table with columns: Description, Quantity, Unit, Price, Total. Includes items like receptacles, switches, and wiring.

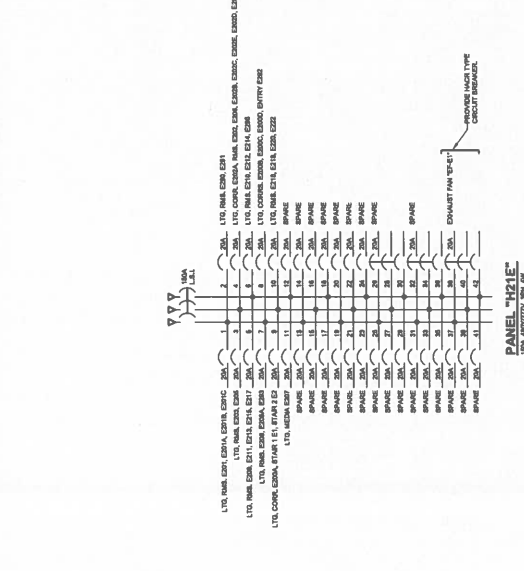
Sheet title: BUSSING DIAGRAMS - BLDG AREA 'E' (2ND FLOOR) - NORMAL POWER

Architect's Project No: 2106-204 Date: May, 20

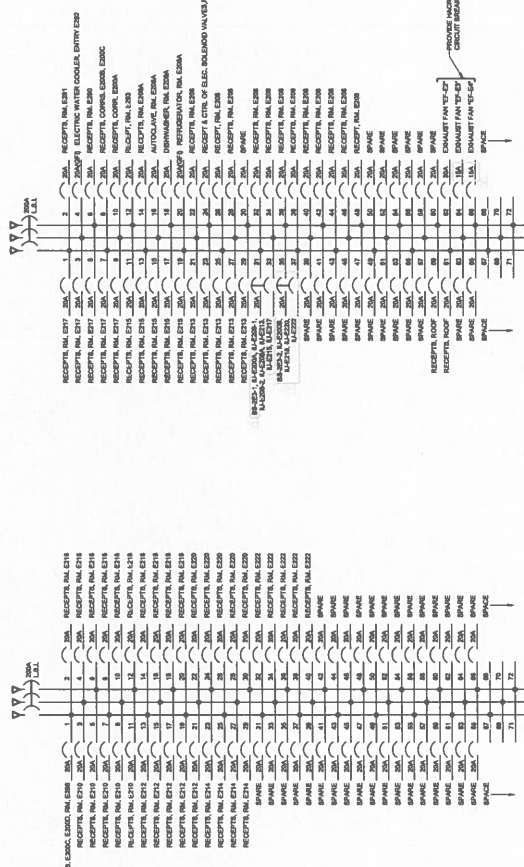
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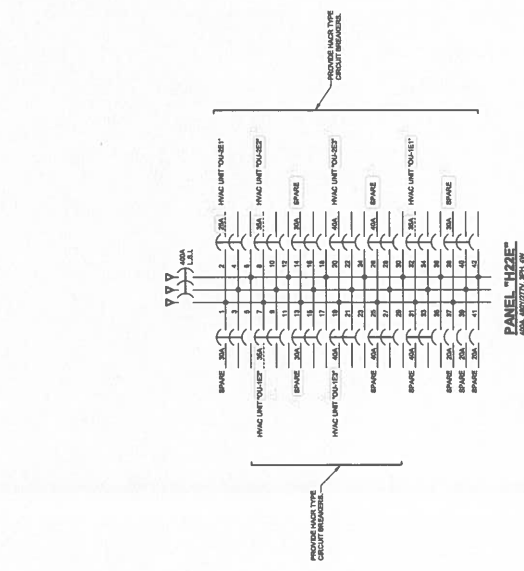
PANEL 'L21E' BUS DISTRIBUTION, 120V, 208V, 3 PHASE, 4 WIRE, 40 AMP. PROVIDE WITH Hinged COVER ENCLOSURE.



PANEL 'H21E' BUS DISTRIBUTION, 120V, 3 PHASE, 4 WIRE, 40 AMP. PROVIDE WITH Hinged COVER ENCLOSURE.



PANEL 'L22E' BUS DISTRIBUTION, 120V, 208V, 3 PHASE, 4 WIRE, 40 AMP. PROVIDE WITH Hinged COVER ENCLOSURE.



PANEL 'H22E' BUS DISTRIBUTION, 120V, 3 PHASE, 4 WIRE, 40 AMP. PROVIDE WITH Hinged COVER ENCLOSURE.

Notes and specifications for the bus diagrams, including requirements for cover enclosures and component ratings.



KOE # 192 Z-104

018F, CAMPUS 180 HOPKINSVILLE, KY 42420

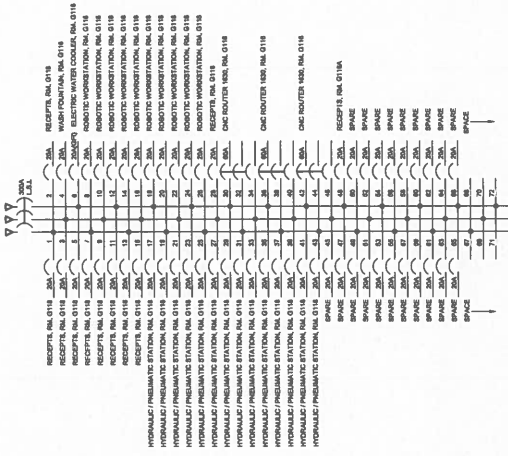


Logos for electrical contractors: U.E. Company, ALMACE, bell, K+S Engineering PLLC, WBW, and G.T.

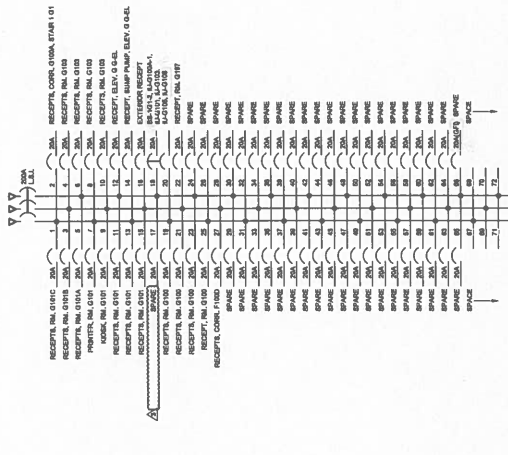
Table with 4 columns: Description, Quantity, Unit, and Notes. Includes items like 'RECEPTE' and 'WASH FOUNTAIN'.

Sheet Title: BUSSING DIAGRAMS - BLDG AREA 'G' (1ST FLOOR) - NORMAL POWER CONT. Architect's Project No: 2106-204 Date: May, 20

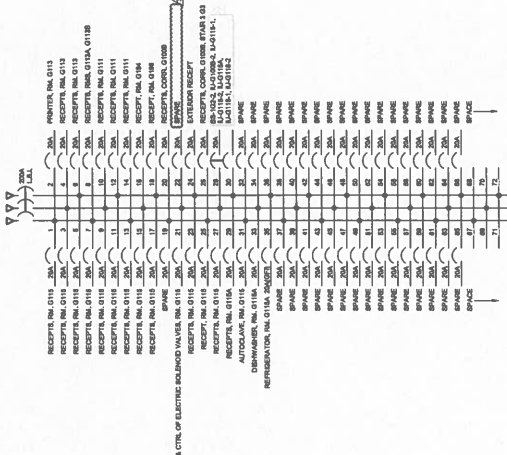
E6.9



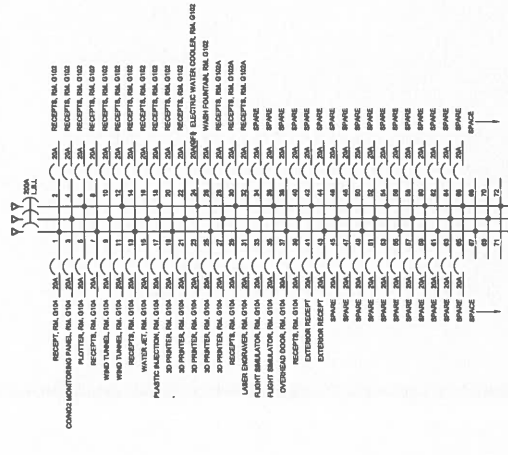
PANEL 'L178' 200A, 200V, 3PH, 4W, 0.8 PF, 125°C. BUSING AND WIRING ACCEPTABLE. PROVIDE WITH INRSD COVER ENCLOSURE.



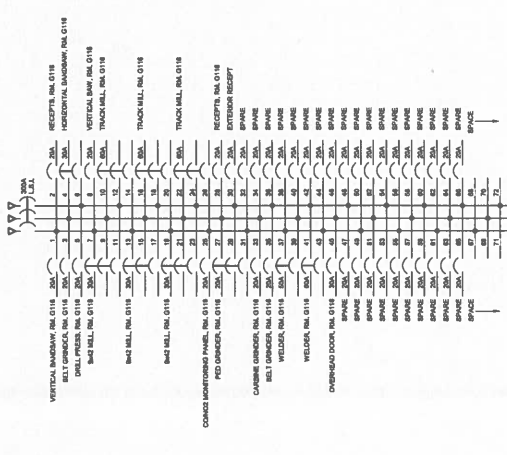
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PANEL 'L189' 200A, 200V, 3PH, 4W, 0.8 PF, 125°C. BUSING AND WIRING ACCEPTABLE. PROVIDE WITH INRSD COVER ENCLOSURE.



PANEL 'L185' 200A, 200V, 3PH, 4W, 0.8 PF, 125°C. BUSING AND WIRING ACCEPTABLE. PROVIDE WITH INRSD COVER ENCLOSURE.



PANEL 'L188' 200A, 200V, 3PH, 4W, 0.8 PF, 125°C. BUSING AND WIRING ACCEPTABLE. PROVIDE WITH INRSD COVER ENCLOSURE.

KDE # 102-22-104

518 FT CAMPBELL ROAD
HOPKINSVILLE, TN 38406



116 E. Capitol Drive
Hopkinsville, TN 38406
Telephone: 774-8140

187 Poplar Drive
Hopkinsville, TN 38406
Telephone: 774-885448

123 Highland Drive
Columbia, TN 38406
Telephone: 871-671481

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

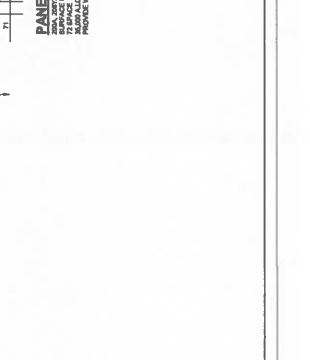
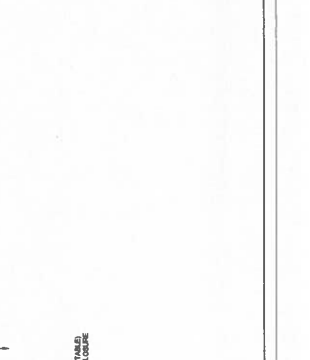
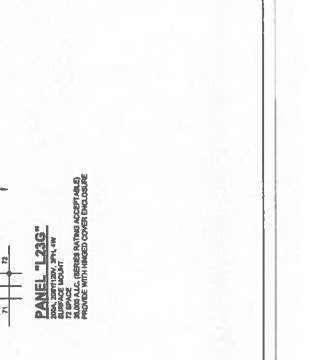
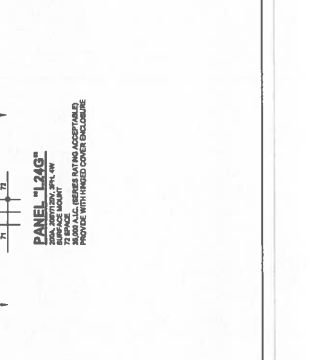
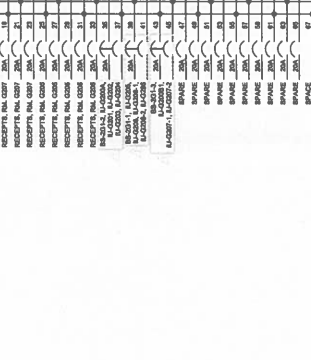
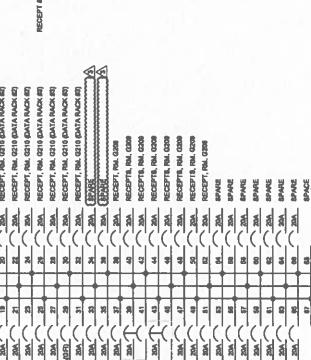
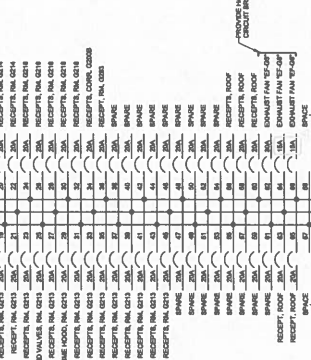
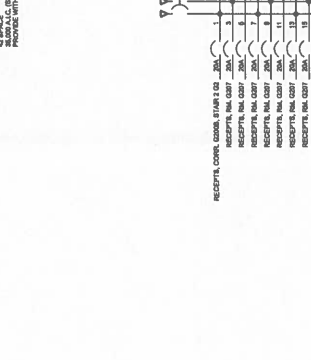
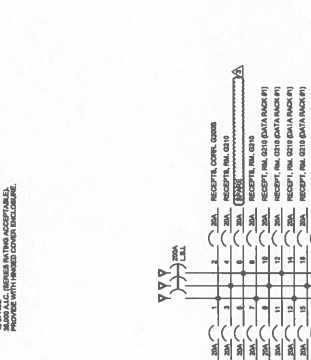
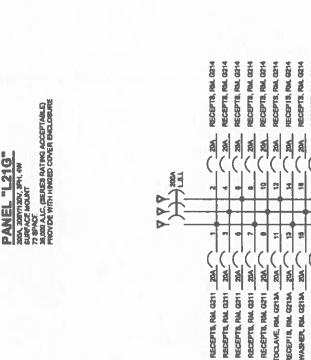
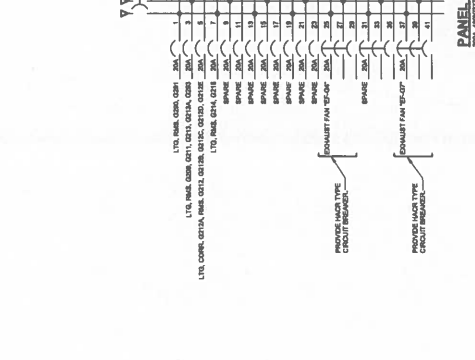
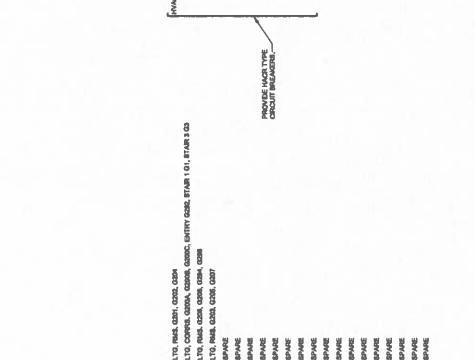
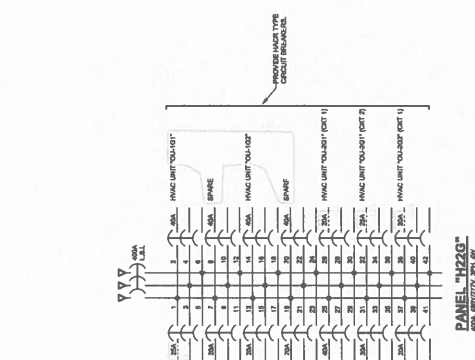
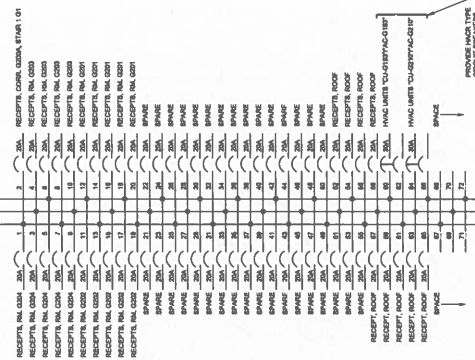
1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

1000 Colson Blvd #100
Hopkinsville, TN 38406
Telephone: 774-486200

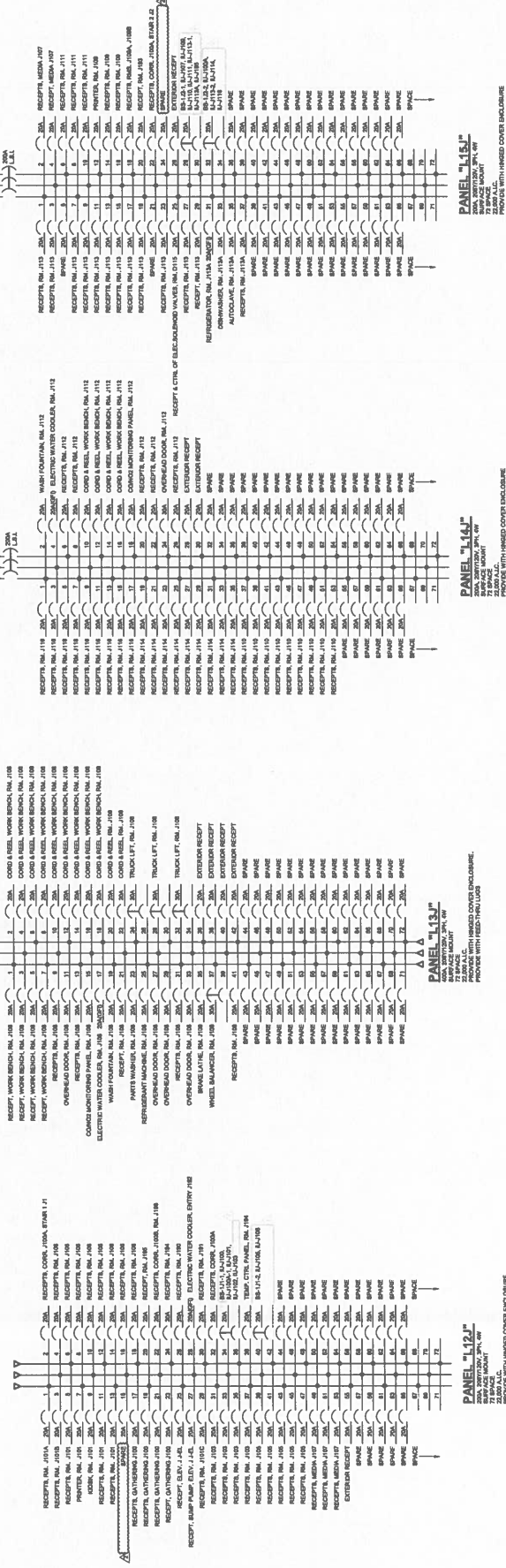
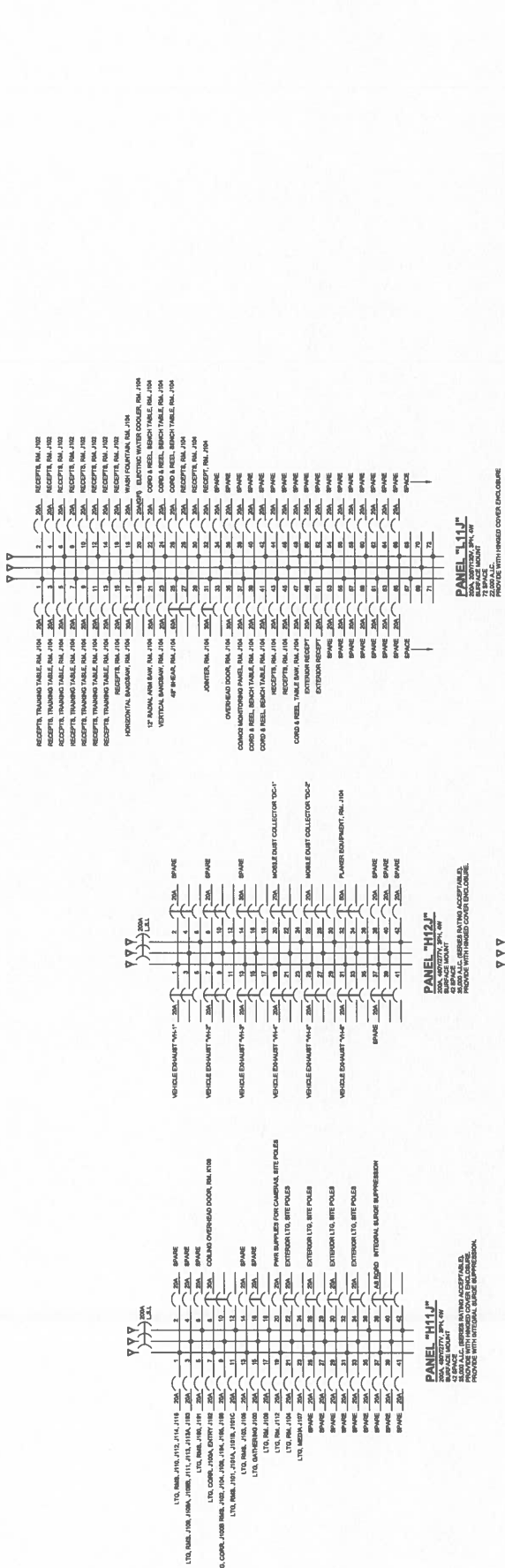


Sheet Title:
BUSSING DIAGRAMS - BLDG
AREA 'G' (2ND FLOOR) -
NORMAL POWER

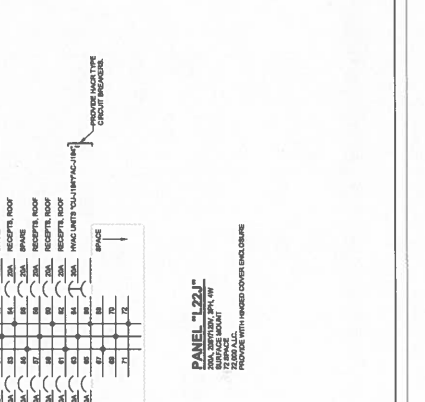
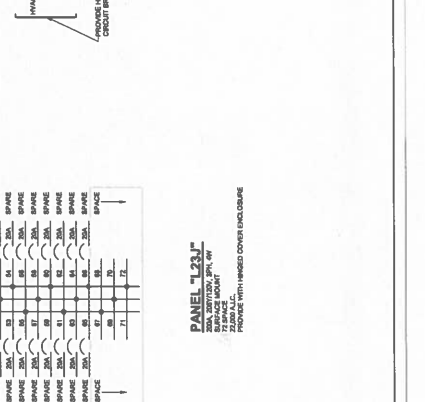
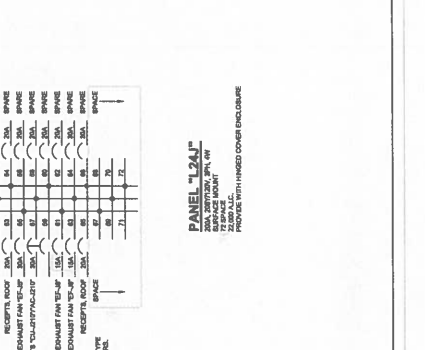
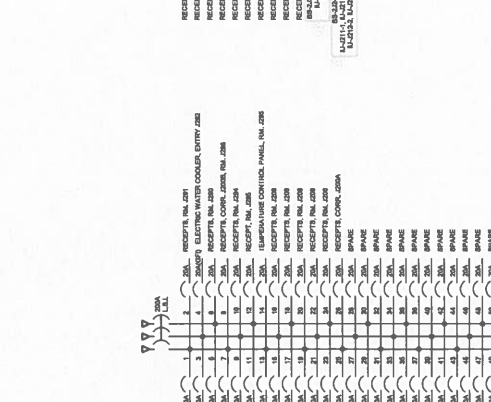
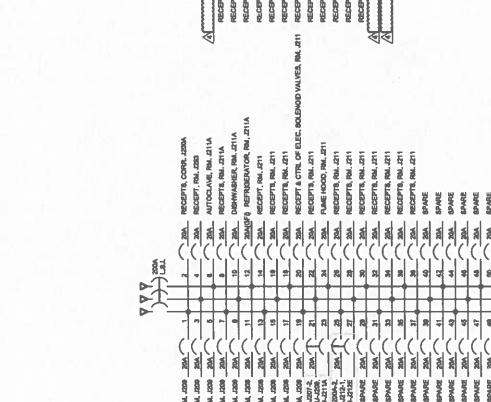
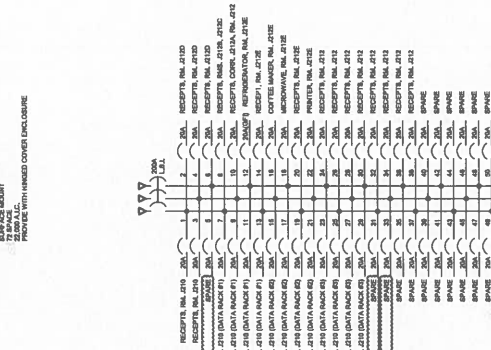
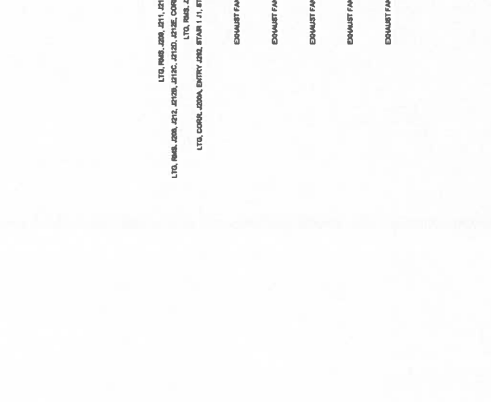
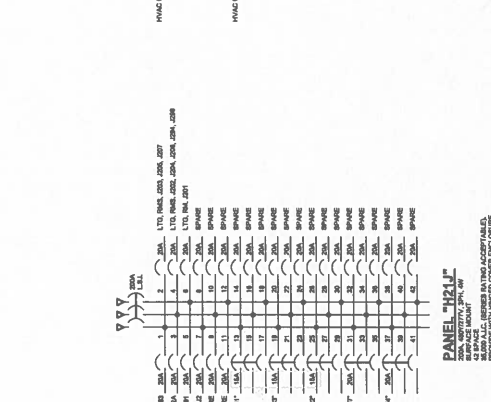
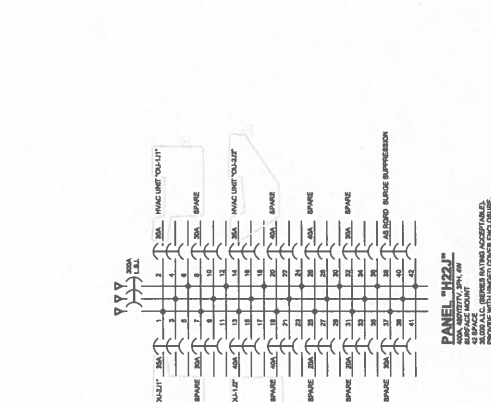
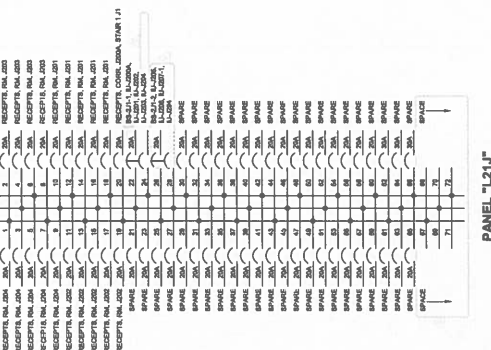
Architect's Project No:
2106-204

Date:
May, 20

Drawing No:
E6.10



Revisions	By	Date	Description
1	WBW	05/18/20	ISSUED FOR PERMITS
2	WBW	05/18/20	ISSUED FOR PERMITS
3	WBW	05/18/20	ISSUED FOR PERMITS
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99	WBW	05/18/20	ISSUED FOR PERMITS
100	WBW	05/18/20	ISSUED FOR PERMITS





NOTE # 1: BQ 22-104

5186 FT. CAMPBELL BLVD
HOPKINSVILLE, TN 37757

HAFFNER
1414 1/2 West Street,
Hopkinsville, TN 37757
Phone: 731-241-1177
Fax: 731-241-1178

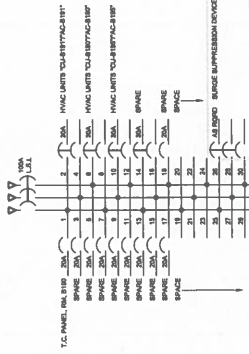
AMANCE ASSOCIATES
118 E. Campbell Street
Hopkinsville, TN 37757
Telephone: 731-483-0300

bell
Engineering
118 E. Campbell Street
Hopkinsville, TN 37757
Telephone: 731-483-0300

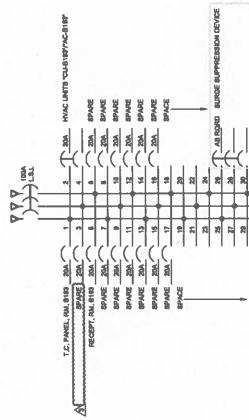
K&S Engineering, PLLC
124 Orchard Drive
Cordova, TN 37015
Telephone: 615-481-0244

WBSW
1000 Campbell Street
Hopkinsville, TN 37757
Telephone: 731-483-0300

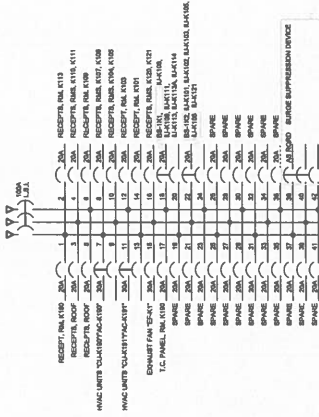
GT
1100 S. Main Street
Hopkinsville, TN 37757
Telephone: 731-483-0300



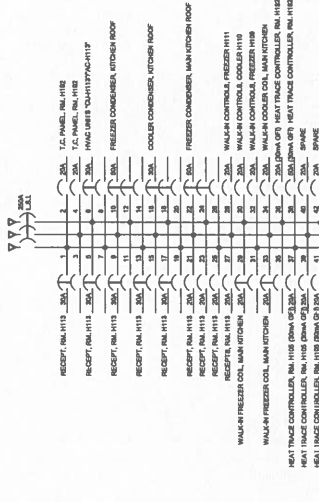
PANEL "EL128" INEC7021
100A, 200V, 120/240V, 3P, 4W
TO BE INSTALLED IN THE
MECHANICAL ROOM
PROVIDE WITH INTEGRAL SURGE SUPPRESSION.
PART OF ADD OBTAINMENT ALTERNATE BID



PANEL "EL129" INEC7021
100A, 200V, 120/240V, 3P, 4W
TO BE INSTALLED IN THE
MECHANICAL ROOM
PROVIDE WITH INTEGRAL SURGE SUPPRESSION.
PART OF ADD OBTAINMENT ALTERNATE BID



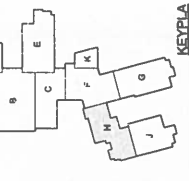
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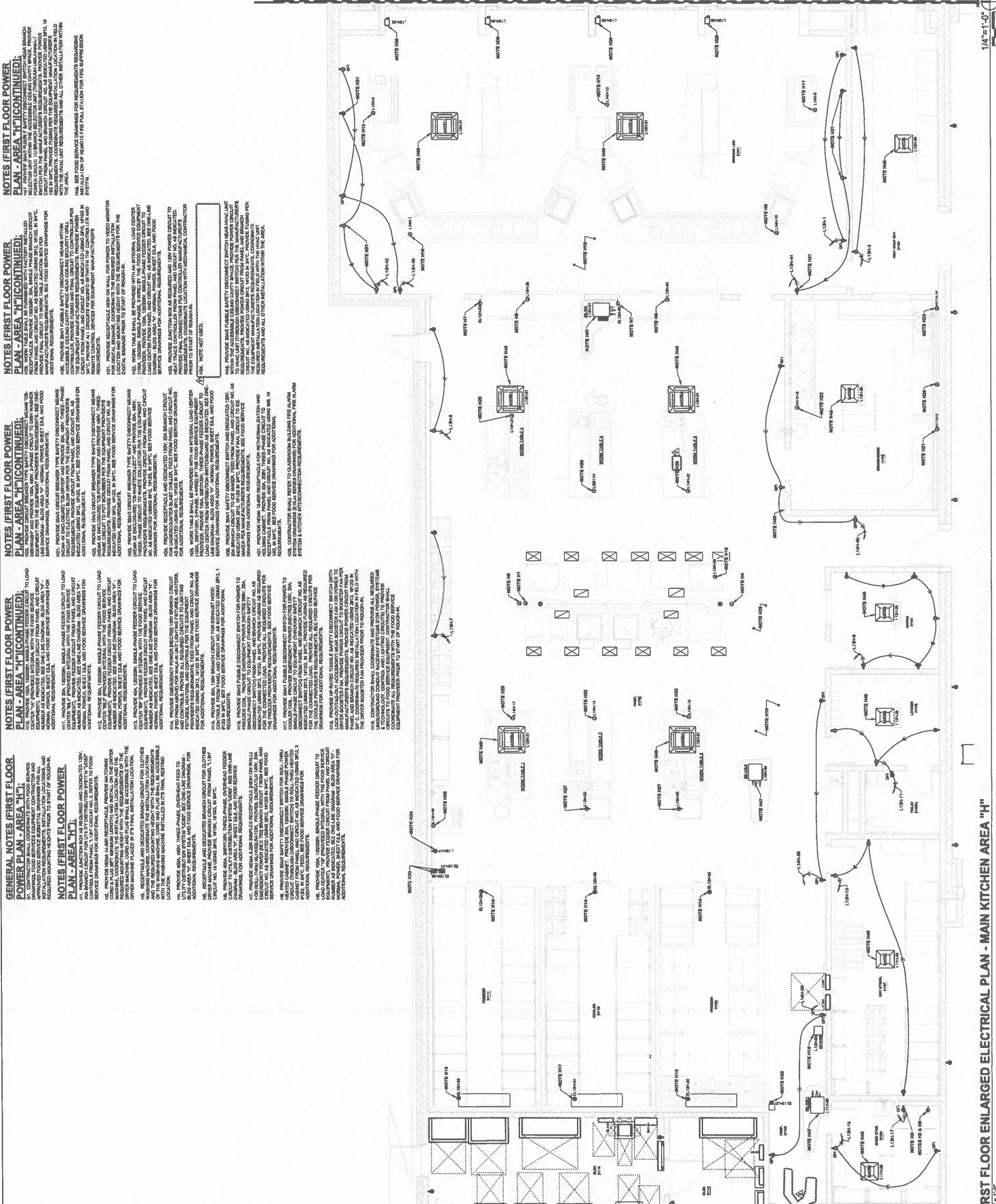
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100A, 200V, 120/240V, 3P, 4W
TO BE INSTALLED IN THE
MECHANICAL ROOM
PROVIDE WITH INTEGRAL SURGE SUPPRESSION.

Revisions	By	Date
1	AMANCE ASSOCIATES	11/15/2017
2	AMANCE ASSOCIATES	11/15/2017
3	AMANCE ASSOCIATES	11/15/2017
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71	AMANCE ASSOCIATES	11/15/2017
72	AMANCE ASSOCIATES	11/15/2017
73	AMANCE ASSOCIATES	11/15/2017

Sheet Title: **BUSING DIAGRAMS - EMERGENCY POWER PANELS (20817120V)**
Architect Project No: _____ Date: _____
2106-204 May, 20



Prepared By:	Checked By:	Approved By:
Drawn By:	Design By:	Field By:
Field No.:	Field Date:	Field Location:
Field Description:	Field Notes:	Field Remarks:



GENERAL NOTES (FIRST FLOOR POWER PLAN - AREA "H"):
1. CONTRACTOR SHALL COORDINATE WITH FOOD SERVICE AND ALL OTHER INSTALLATION WITHIN THE AREA.
2. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.
4. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
5. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.

NOTES (FIRST FLOOR POWER PLAN - AREA "H") (CONTINUED):
101. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
102. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
103. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
104. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.

NOTES (FIRST FLOOR POWER PLAN - AREA "H") (CONTINUED):
105. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
106. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
107. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
108. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.

NOTES (FIRST FLOOR POWER PLAN - AREA "H") (CONTINUED):
109. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
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112. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.

NOTES (FIRST FLOOR POWER PLAN - AREA "H") (CONTINUED):
113. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
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115. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
116. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.

NOTES (FIRST FLOOR POWER PLAN - AREA "H") (CONTINUED):
117. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
118. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
119. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
120. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL WORK.



722 E 2nd Street, Owensboro, KY

TO: Alliance Corporation
Attn: Kevin Hitchel

JOB NAME: Hopkinsville Christian County Academy

Date: 12/4/2024

CHANGE ORDER PR #24 REQUEST

DESCRIPTION OF WORK TO BE DONE, OR CHANGES TO BE MADE (NOT PART OF BASE CONTRACT)

SUBSTITUTE SALTO EXIT DEVICES IN 3 OPENINGS	\$	(4,280.00)
DELETE REX, AND POWER SUPPLIES	\$	(3,724.00)
CHANGE POWER PANIC HINGES TO ELECTRIC STRIKE ON REMOVABLE MULLION ONE PER ACTIVE LEAF	\$	2,300.00
CHANGE FRAMES TO INCLUDE WIRE RUN FROM EDGE OF FRAMES PER ON SITE MEETING	\$	2,400.00
DELETE CYLINDER DOGGING ON ALL DOORS	\$	(1,711.00)
LABOR TO INSTALL ADDITIONAL HORIZONTALS, WIRE CHASE, AND BREAK METAL 42 HOURS AT \$60.00 PER HOUR	\$	2,520.00

Tax 6%:	\$	(149.70)
Subtotal:		(\$2,645)

Total Change	Total:	(\$2,645)
	Deduct	(\$2,645)

TOTAL AMOUNT of this CHANGE ORDER: **(\$2,645)**
(incl. Materials, Tax & Labor)

AUTHORIZED BY: _____ DATE: _____

	CONTRACT AMOUNT:	\$	1,234,393.00
	APPROVED C/O'S TO DATE:	\$	54,259.00
ISSUED BY: <u>Jeff McCain</u>	REVISED AMOUNT:	\$	1,288,652.00
TITLE: Project Manager - KY Mirror & Plate Glass	PENDING C/O'S:	\$	(2,645.00)
	TOTAL REVISED CONTRACT AMOUNT:	\$	1,286,007.00

**PLEASE SIGN, DATE & RETURN (1) COPY OF THIS FORM ALONG WITH YOUR FORMAL C/O
ASAP TO AVOID ANY UNNECESSARY DELAYS.**



722 E 2nd Street, Owensboro, KY

TO: Alliance Corporation
Attn: Kevin Hitchel

JOB NAME: Hopkinsville Christian County Academy

Date: 12/4/2024

CHANGE ORDER ASI 028 REQUEST

DESCRIPTION OF WORK TO BE DONE, OR CHANGES TO BE MADE (NOT PART OF BASE CONTRACT)

MOVE HORIZONTAL BY 6" AT EVERY WINDOW OPENING W40 AND ADD 6" OF SPANDREL IN LIEU OF VISION GLASS AT THESE AREAS.

DELETE 120 SQUARE FEET OF VISION GLASS \$ (1,230.00)

ADD ADDITIONAL 120 SQUARE FEET OF SPANDREL GLASS \$ 2,298.00

Tax 6%: \$ 64.08
Subtotal: \$ 1,132

Total Change Total: \$ 1,132
Add: \$ 1,132

TOTAL AMOUNT of this CHANGE ORDER: \$ 1,132
(incl. Materials, Tax & Labor)

AUTHORIZED BY: _____ DATE: _____

ISSUED BY: Jeff McCain
TITLE: Project Manager - KY Mirror & Plate Glass
CONTRACT AMOUNT: \$ 1,234,393.00
APPROVED C/O'S TO DATE: \$ 54,259.00
REVISED AMOUNT: \$ 1,288,652.00
PENDING C/O'S: \$ (1,513.00)
TOTAL REVISED CONTRACT AMOUNT: \$ 1,287,139.00

PLEASE SIGN, DATE & RETURN (1) COPY OF THIS FORM ALONG WITH YOUR FORMAL C/O ASAP TO AVOID ANY UNNECESSARY DELAYS.

FACPAC Contract Change Order Supplemental Information Form (Ref# 61460)

Form Status: Saved

Tier 1 Project: Consolidated High School

BG Number: 22-104

Status: Active

District: Christian County (HB678) (115)

Phase: Project Initiation (View Checklist)

Contract: Kentucky Mirror & Plate Glass Co., Inc. , 0084, Alum Frame Entrances, Storefronts,
Glazed Alum Curtain Wall

Type: CM Bid Package

Proposed

Change Order Number	4
Time Extension Required	No
Date Of Change Order	12/12/2024
Change Order Amount To Date	Decrease

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$6,320,436.60
Net Approved COs	\$365,699.78
Remaining After Approved COs	\$5,954,736.82
Net All COs	\$218,519.27
Remaining After All COs	\$6,101,917.33

This Requested Change Order Amount (\$1,513.00)

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$6,101,917.33

Balance

Contract Change Requested By Architect/Engineer; Construction Manager

Contract Change Reason Code Reduction of Scope

Change Order Description And Justification

Access control modifications per PR #24.

Cost Benefit To Owner

This will result in a cost savings to the owner.

Contract unit prices have been utilized No
to support the cost associated with this

change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	(\$2,645.00)	174.82%
Materials	\$1,132.00	-74.82%
Profit and Overhead		0.00%
Bond Insurance		0.00%
Cost Breakdown Total:	\$-1,513.00	

Cost for this Change Order supported by an alternate bid or competitive price quote

Explain Why

Executed contract with contractor.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 61460)

Architect

Date

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date