



Central Falls High School

100% Construction Documents

Central Falls, RI

Ai3 Project #2202.02

Addendum #7

January 26, 2024

The attention of Bidders submitting proposals for Central Falls High School 100% Construction Documents is called to the following changes to the Bidding Contract Documents dated October 13, 2023 as prepared by Ai3 Architects, LLC. The items set forth therein below, whether of revision, omission, addition, substitution or clarification are all to be included as changes to Information to Bidders, the Conditions of the Contract, Specifications and Drawings of the Contract.

The number of this Addendum (Number 7) must be entered in the appropriate spaces provided on the Bid Form.

CLARIFICATIONS:

- ADD 7-001** **Bidder Question:** Specifications call for a 2 year General Contractors comprehensive warranty but various specification sections only call for a 1 year warranty. Should all subcontractors, manufacturers and vendors be held to a 2 year warranty period accordingly? **Response:** Refer to included specifications for clarification.
- ADD 7-002** **Bidder Question:** At the site walk we observed there to be an existing playground, NW of the existing track. Please confirm the General Contractor is to R&D this playground and equipment as part of their work. **Response:** The City will not remove or salvage the playground. The City has already removed everything they wanted to save from the complex. It is the General Contractor's responsibility to remove and dispose of the Playground Equipment. Refer to attached drawings.
- ADD 7-003** **Bidder Question:** The fire specification, 26 00 00 page 69, 2.17.O. Notification appliances shall be fully addressable. "Systems that

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ADD #7- PAGE 1

*utilize conventional technology for notification appliances shall furnish and install an addressable module at each device to facilitate the desired operation specified.” I don't see that the desired operation is provided and code would require general evacuation (all notification appliance activate during an alarm event). This specification requires the addition of two addressable modules installed for individual control of each notification appliance. This requirement makes this a proprietary and non-competitive specification that only Simplex (Autocall) can bid. Please allow the use of conventional notification appliances without the use of additional modules. This will allow additional manufactures to provide a competitive bid for this project. **Response:** Refer to included specifications for clarification.*

ADD 7-004 **Bidder Question:** Earthwork Spec 31 00 00 para. 1.6/A states “the Contractor shall refer to Section 00 31 32” in reference to existing site conditions, this section is not part of the contract documents.. **Response:** Refer to included specifications for clarification.

SPECIFICATIONS:

- ADD 7-005** Document 00 01 10 “Table of Contents”; REMOVE in entirety and REPLACE with new Document 00 01 10, dated January 26, 2024, Addendum #7.
- ADD 7-006** Section 01 78 36 “Warranties”; Article 1.4, Paragraph A, subparagraph 1; DELETE the words “two-year” and REPLACE with “one-year”.
- ADD 7-007** Section 01 78 36 “Warranties”; Article 1.6, Paragraph A, subparagraph 1; DELETE the word “Two” and REPLACE with the word “One” as follows:
1. Duration of Comprehensive Warranty: ~~Two~~ **One** year from date of Substantial Completion.
- ADD 7-008** Section 26 00 00 “Electrical”; Article 2.17.E.1: Replace with the following: The FACP shall be an Autocall 4100ES, Edwards EST, or Notifier NFS640 and shall contain a microprocessor based Central Processing Unit (CPU). The CPU shall communicate with and control the following types of equipment used to make up the system: addressable detectors, notification devices, addressable modules, printer, annunciators, and other system controlled devices.
- a. General: Comply with UL 864, “Control Units and Accessories for Fire Alarm Systems”.
 - b. Network Communications shall be fiber optic interconnection of panels for data, voice and two-way communications via Modular Network Communications Cards
 - c. Alphanumeric Display and System Controls: Panel shall include an 854 character, expanded content multi-line QVGA LCD display to indicate alarm, supervisory, and component status messages

- and shall include a keypad for use in entering and executing control commands.
- d. Nodes shall be interconnected via fiber-optic cable in minimum of 2" conduit.
 - e. Network node communication shall be through a token ring, hub, or star topology configuration, or combination thereof
 - f. A single open, ground or short on the network communication loop shall not degrade network communications. Token shall be passed in opposite direction to maintain communications throughout all network nodes. At the same time the status of the communication link shall be reported
 - g. If a group of nodes becomes isolated from the rest of the network due to multiple fault conditions, that group shall automatically form a sub-network with all common interaction of monitoring and control remaining intact. The network shall be notified with the exact details of the lost communications
 - h. The communication method shall be NFPA 72 style 7

ADD 7-009

Section 26 00 00 "Electrical"; Article .2.17.G.2: Replace with the following:
Isolator Module: Isolator modules shall be provided every between every 25 devices and between floors to provide short circuit isolation for SLC wiring. Isolator shall be listed to UL 864. The Isolator shall mount directly to a minimum 2 1/8" deep, standard 4" square electrical box, without the use of special adapter or trim rings. Power and communications shall be supplied by the Addressable Controller channel SLC; dual port design shall accept communications and power from either port and shall automatically isolate one port from the other when a short circuit occurs. The following functionality shall be included in the Isolator module:

- a. Report faults to the host FACP.
- b. On-board Yellow LED provides module status.
- c. After the wiring fault is repaired, the Isolator modules shall test the lines and automatically restore the connection.

ADD 7-010

Section 26 00 00 "Electrical"; Article 2.17.O: Replace with the following:
Notification Appliances

1. ADA High Intensity Strobe Audio-Visual Alarm Indicating Appliances
 - a. Speaker/strobe with multi candela capability shall be listed with Underwriter's Laboratories for use with Fire Protective Signaling Systems. Speaker/strobe shall have a minimum sound output of 96dB @ 10 feet and shall be flush mounted. The speaker shall sound in a Temporal pattern. The strobe shall have a candela rating that meets or exceeds the requirements of the Americans with Disabilities Act (ADA) and shall be of such rating as shown on the Drawings. The device shall be rated at 24 VDC nominally and have an acceptable operating range of 20-30 VDC.
 - b. The device shall mount to a 4" square deep with extension ring.
 - c. All strobes shall be synchronized.
 - d. Color for ceiling mounted device shall be white and color for wall mounted device shall be red, unless otherwise noted.
2. ADA High Intensity Strobe High Audio Output/Audio-Visual Alarm

Indicating Appliances

- a. Wheelock high performance speakers (ET70-W) and series speaker strobes (ET70-24MCW-FW) shall provide high audio output, clear audibility and field selectable taps from 1/8 to 8 watts.
 - b. Any additional amplifiers shall be provided to accommodate required wattage.
 - c. The device shall mount to a 4" square deep with extension ring.
 - d. All strobes shall be synchronized.
 - e. Color of devices shall be white, unless otherwise noted.
3. ADA High Intensity Strobe Only Unit
- a. Unit shall be listed with Underwriter's Laboratories for use with Fire Protective Signaling Systems and accepted by the local Authority Having Jurisdiction. The strobe shall meet or exceed the requirements of the Americans with Disabilities Act (ADA) and shall be of such rating as shown on the Drawings. The device shall be rated at 24 vdc and shall have a flash rate of 1 HZ.
 - b. All strobes shall be synchronized.
 - c. Color for ceiling mounted device shall be white and color for wall mounted device shall be red, unless otherwise noted.

ADD 7-011 Section 26 00 00 "Electrical"; Article.2.6.G.13: Replace with the following: Provide Shielded Cat 6A patch cable from all sub-meters listed below to data outlets in the room. Refer to Drawings for locations of Sub-meters:

- a. Natural Gas Sub-meters
- b. Water Sub-meters
- c. Switchboard Sub-meters

ADD 7-012 Section 31 00 00 "Earthwork"; Article 1.3, Paragraph B; subparagraph 11; DELETE the number "32 13 13" and replace with the number "32 13 12" as follows:

11. Section 32 13 12, Site Concrete

ADD 7-013 Section 31 00 00 "Earthwork"; Article 1.3, Paragraph B; DELETE subparagraph 15.

ADD 7-014 Section 31 00 00 "Earthwork"; Article 1.6, Paragraph A; DELETE the sentence "The Contractor shall refer to Section 00 31 32."

ADD 7-015 Section 31 60 00 "Ground Improvements"; Article 1.03, Paragraph A; ADD the words "headwalls, culverts" as follows:

- a. Provision of all equipment, material, labor, and supervision to design, furnish, and install aggregate piers and/or rigid inclusions for support of building foundations, floor slabs, stairs, access ramps, retaining walls, sidewalk attached/connected to the proposed building, utility structures, **headwalls, culverts**, and twin 48-inch combined sewer pipes.

ADD 7-016 Section 28 00 00 "Electronic Safety and Security"; paragraph 2.13.D, ADD the following paragraph as item 3:

3. One output to FACP shall be to trigger the FACP to energize the amber strobes on the exterior of the building to alert those outside that

a lockdown event is in progress inside the building. When the relay is de-energized, (the lockdown event is cleared) the strobes shall turn off.

DRAWINGS:

ADD 7-017	C1.0 – EXISTING CONDITIONS AND DEMOLITION
ADD 7-018	L3.03 – DETAILS
ADD 7-019	L3.04 – DETAILS
ADD 7-020	A8.41 – ENLARGED TOILET ROOM PLANS
ADD 7-021	A8.42 – ENLARGED TOILET ROOM PLANS
ADD 7-022	A8.43 – ENLARGED TOILET ROOM PLANS
ADD 7-023	A8.44 – ENLARGED TOILET ROOM INTERIOR ELEVATIONS
ADD 7-024	A8.47 – ENLARGED LOCKER ROOM PLANS & INTERIOR ELEVATIONS
ADD 7-025	E0.01 – ELECTRICAL LEGEND
ADD 7-026	E1.12C - ELECTRICAL SECOND FLOOR LIGHTING PLAN - ZONE C
ADD 7-027	E1.14B - ELECTRICAL FOURTH FLOOR LIGHTING PLAN - ZONE B
ADD 7-028	E2.11A - ELECTRICAL FIRST FLOOR POWER PLAN – ZONE
ADD 7-029	E2.11B - ELECTRICAL FIRST FLOOR POWER PLAN - ZONE B
ADD 7-030	E2.11C - ELECTRICAL FIRST FLOOR POWER PLAN - ZONE C
ADD 7-031	E2.12A -ELECTRICAL SECOND FLOOR POWER PLAN - ZONE A
ADD 7-032	E2.12B - ELECTRICAL SECOND FLOOR POWER PLAN - ZONE B
ADD 7-033	E2.12C - ELECTRICAL SECOND FLOOR POWER PLAN - ZONE C
ADD 7-034	E2.13A - ELECTRICAL THIRD FLOOR POWER PLAN - ZONE A
ADD 7-035	E2.13B - ELECTRICAL THIRD FLOOR POWER PLAN - ZONE B
ADD 7-036	E2.13C - ELECTRICAL THIRD FLOOR POWER PLAN - ZONE C
ADD 7-037	E2.14A - ELECTRICAL FOURTH FLOOR POWER PLAN - ZONE A
ADD 7-038	E2.14B - ELECTRICAL FOURTH FLOOR POWER PLAN - ZONE C
ADD 7-039	E2.15B - ELECTRICAL ROOF POWER PLAN - ZONE B
ADD 7-040	E2.15C - ELECTRICAL ROOF POWER PLAN - ZONE C
ADD 7-041	E4.02 – ELECTRICAL FIRE ALARM RISER DIAGRAM
ADD 7-042	E5.01 – ELECTRICAL LIGHTING FIXTURE SCHEDULE
ADD 7-043	EF3.11A - ELECTRICAL FIRST FLOOR FIRE ALARM PLAN - ZONE A
ADD 7-044	EF3.11B - ELECTRICAL FIRST FLOOR FIRE ALARM PLAN - ZONE B

- ADD 7-045 EF3.11C - ELECTRICAL FIRST FLOOR FIRE ALARM PLAN - ZONE C
- ADD 7-046 EF3.12A - ELECTRICAL SECOND FLOOR FIRE ALARM PLAN - ZONE A
- ADD 7-047 EF3.12B - ELECTRICAL SECOND FLOOR FIRE ALARM PLAN - ZONE B
- ADD 7-048 EF3.12C - ELECTRICAL SECOND FLOOR FIRE ALARM PLAN - ZONE C
- ADD 7-049 EF3.13A - ELECTRICAL THIRD FLOOR FIRE ALARM PLAN - ZONE A
- ADD 7-050 EF3.13B - ELECTRICAL THIRD FLOOR FIRE ALARM PLAN - ZONE B
- ADD 7-051 EF3.13C - ELECTRICAL THIRD FLOOR FIRE ALARM PLAN - ZONE C
- ADD 7-052 EF3.14A - ELECTRICAL FOURTH FLOOR FIRE ALARM PLAN - ZONE A
- ADD 7-053 EF3.14B - ELECTRICAL FOURTH FLOOR FIRE ALARM PLAN - ZONE B
- ADD 7-054 EF3.15A - ELECTRICAL ROOF FIRE ALARM PLAN - ZONE A
- ADD 7-055 EF3.15B - ELECTRICAL ROOF FIRE ALARM PLAN - ZONE B
- ADD 7-056 EF3.15C - ELECTRICAL ROOF FIRE ALARM PLAN - ZONE C

ATTACHMENTS:

- ADD 7-057 RIDEM Remedial Action Approval Letter

NOTES:

- EXISTING UTILITY INFORMATION SHOWN HEREON IS BASED UPON PREVIOUS DESIGN DRAWINGS AND RECORD INFORMATION. LOCATIONS, SIZES, AND DEPTHS OF UTILITIES HAVE NOT BEEN SURVEYED IN THE FIELD. ADDITIONAL SITE SURVEY IS ONGOING.
- DEMOLITION OF EXISTING BUILDING AND SITE FEATURES ARE INCLUSIVE OF ALL PHASES. PROPOSED DEMOLITION ACTIVITIES SHOWN ON THESE SHEETS ARE NOT INTENDED TO INDICATE THE PHASE IN WHICH THEY OCCUR. SEE PHASING DRAWINGS FOR DEMOLITION SPECIFIC TO PHASING.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY EARTH MOVING ACTIVITIES.
- THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- INSTALL EROSION CONTROLS DOWNSTREAM OF ANY DISTURBED AREAS TO REDUCE POTENTIAL FOR EROSION. CONTRACTOR SHALL INDICATE LOCATIONS OF EROSION CONTROLS FOR REVIEW WITH GENERAL CONTRACTOR AND OWNER'S PROJECT MANAGER PRIOR TO COMMENCING DISTURBANCE. EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST REVISION OF THE RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
- INSTALL CHAIN LINK FENCE TREE PROTECTION AT THE LOCATIONS SHOWN ON THE PLAN TO PROTECT EXISTING TREES SPECIFICALLY INDICATED ON THE PLAN. LAYOUT OF FENCE SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT. TREE PROTECTION SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.
- ALL EXISTING DRAINAGE SHALL BE MAINTAINED OR REROUTED AS NECESSARY UNTIL PERMANENT PIPING IS INSTALLED.
- ELECTRICAL DEMOLITION IS SHOWN FOR INFORMATION ONLY. REFER TO ELECTRICAL PLANS FOR COMPLETE EXTENT OF ELECTRICAL DEMOLITION.
- PROVIDE INLET PROTECTION AT ALL EXISTING DRAINAGE INLETS.
- ALL ITEMS TO BE REMOVED AND STOCKPILED SHALL BE COORDINATED WITH OWNER FOR STOCKPILE LOCATIONS. AT THIS TIME, THE OWNER HAS NOT IDENTIFIED ITEMS FOR STOCKPILE.
- ALL ITEMS MARKED FOR RE-USE SHALL BE STOCKPILED ONSITE, PROTECTED AND RE-INSTALLED AS SHOWN ON THE LANDSCAPE PLANS.
- DRAINAGE FEATURES AND UTILITIES TO BE MAINTAINED UNLESS OTHERWISE NOTED.
- TOTAL AREA OF DISTURBANCE: 2.3 ACRES.
- CONTRACTOR TO REESTABLISH BENCHMARKS IN ALTERNATE LOCATION PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE CLEARING OF ALL ADJUTER ENCROACHMENTS WITH THE CITY OF CENTRAL FALLS PRIOR TO CONSTRUCTION.
- INSTALL CONSTRUCTION ENTRANCE AT ALL ENTRY/EXIT POINT FOR VEHICULAR TRAFFIC FOR EACH PHASE OF THE PROJECT.
- ALL EARTH DISTURBANCE SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ACTIVE UTILITY LINES (INCLUDING SEWER, WATER, AND DRAINAGE), CONTRACTOR SHALL PROVIDE 1 WEEK NOTIFICATION FOR ANY POSSIBLE DISRUPTION OF SERVICE TO OWNER, OWNER'S REPRESENTATIVE AND ARCHITECT, PROVIDE NOTIFICATION FOR CONNECTING, DISCONNECTING, TURNING ON OR TURNING OFF ANY SERVICE WHICH MAY AFFECT USERS OF THE RESPECTIVE UTILITY.
- CONTRACTOR SHALL PROVIDE 72 HOUR (3 WORKING DAYS) NOTICE TO LOCAL FIRE DEPARTMENT OF DISRUPTIONS.
- DISTURBANCE ON ACTIVE GAS LINES SHALL BE COORDINATED WITH UTILITY PROVIDER.
- THE CONTRACTOR SHALL CONFIRM LOCATION AND ELEVATION OF THE EXISTING DRAINAGE MANHOLES AND PIPES INDICATED. IT SHALL BE ASSUMED THAT AN ADDITIONAL 60 FEET OF PIPE WILL NEED TO BE REMOVED AND DISPOSED.
- ANY UNFORESEEN UNDERGROUND TRANSMITTE PIPE OR OTHER UNFORESEEN HAZARDOUS MATERIAL SHALL BE ABATED IN ACCORDANCE WITH THE SPECIFICATIONS AND ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- CONTRACTOR SHALL COMPLY WITH ALL CHPS REQUIREMENTS FOR DEMOLITION.
- ALL EXISTING MANHOLES OR CATCH BASINS TO REMAIN SHALL BE ADJUSTED TO FINISHED GRADE ELEVATION.
- ALL EXISTING UTILITIES WITHIN TREE PROTECTION AREAS NOT SCHEDULED FOR RE-USE SHALL BE CUT, CAPPED, AND ABANDONED IN PLACE.
- DEMOLITION WORK SHOWN ON THIS SHEET IS INDEPENDENT OF PROJECT PHASING OR SEQUENCING. CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING ALL WORK AS OUTLINED IN THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL SCHEDULE PRECONSTRUCTION MEETING WITH ARCHITECT, LANDSCAPE ARCHITECT, CIVIL ENGINEER, STRUCTURAL ENGINEER, AND OWNER'S PROJECT MANAGER PRIOR TO DEMOLITION OF EXISTING SERVICE AREA TO CONFIRM EXTENT OF DEMOLITION AND SAWCUT LOCATIONS.
- THE CONTRACTOR MUST CONTACT THE APPROPRIATE PRIVATE UTILITY COMPANIES AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK BEING COMPLETED. THE CONTRACTOR IS HEREBY NOTIFIED THAT SOME PUBLIC AND PRIVATE UTILITY COMPANIES ARE NOT PART OF "DIGSAFE" AND MAY HAVE ADDITIONAL NOTIFICATION REQUIREMENTS.
- CUT AND CAP EXISTING WATER AND SEWER SERVICES AT THE MAIN PRIOR TO ANY BUILDING DEMOLITION.
- USE OF FIRE HYDRANTS FOR DEMOLITION OR CONSTRUCTION IS NOT PERMITTED UNLESS APPROVED BEFOREHAND BY THE PAWTUCKET WATER SUPPLY BOARD.
- THE CONTRACTOR SHALL KEEP ON SITE, AT ALL TIMES, ADDITIONAL SILTATION FENCING AND FILTER FABRIC FOR INSTALLATION AS DIRECTED BY THE CITY TO MITIGATE ANY EMERGENCY CONDITIONS.
- CONTRACTOR TO CAMERA INSPECT AND LOCATE EXISTING SEWER AND DRAIN THROUGHOUT SITE.
- EXISTING SEWER AND DRAIN MUST REMAIN ACTIVE AT ALL TIMES.
- NO CONTRACTOR PARKING ON ROADWAYS.
- THE CONCRETE CULVERT AND TWIN 48" PIPES ARE PART OF AN ACTIVE COMBINED SEWER OVERFLOW SYSTEM. IT IS ANTICIPATED THAT FLOWS OF UP TO 40 MGD MAY OCCUR DURING SIGNIFICANT WET WEATHER EVENTS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THE CAPABILITY TO BYPASS PUMP SUCH FLOWS AT ALL TIMES WHEN THE PIPELINE IS DISRUPTED FOR RE-ROUTING. BYPASS PUMPING SYSTEM SHALL INCLUDE BOTH PRIMARY AND BACKUP CAPACITY.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THE CAPABILITY TO BYPASS PUMP FLOWS AT ALL TIMES WHEN THE EXISTING DRAINAGE SYSTEM IS DISRUPTED FOR RE-ROUTING. BYPASS PUMPING SYSTEM SHALL INCLUDE BOTH PRIMARY AND BACKUP CAPACITY.
- IRRIGATION SYSTEM INFORMATION HAS BEEN OBTAINED FROM THE "GRADING AND IRRIGATION PLAN" FROM WILFRID L. GATES JR LANDSCAPE ARCHITECT DATED DECEMBER 1975.
- BORING AND MONITORING WELL INFORMATION HAS BEEN OBTAINED FROM THE FOLLOWING:
 - PHASE I ENVIRONMENTAL SITE ASSESSMENT PREPARED BY SAGE ENVIRONMENTAL, INC. DATED NOVEMBER 8, 2021
 - SITE INVESTIGATION REPORT PREPARED BY SAGE ENVIRONMENTAL, INC. DATED MAY 2023
 - PRELIMINARY GEOTECHNICAL REPORT PREPARED BY LAHLAF GEOTECHNICAL CONSULTING, INC. DATED FEBRUARY 7, 2023
- LIGHT POLES AND FIXTURES AT THE EXISTING BASKETBALL COURTS AND THE EXISTING FLAG POLE SHALL BE REMOVED AND SALVAGED. THESE SHALL BE DELIVERED TO THE CENTRAL FALLS DPW AT 1280 HIGH STREET, CENTRAL FALLS, RI 02863.
- THE CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION WITHIN THE LIMITS OF DISTURBANCE UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RELATED TO DEWATERING EXCAVATION, BOTH FROM GROUNDWATER AND STORMWATER RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR DETERMINING FLOW RATES AND VOLUMES. DISCHARGE OF DEWATERING EFFLUENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE AUTHORITY HAVING JURISDICTION.

BID ALTERNATE NOTES:

ALTERNATE 2 - OUTDOOR FURNITURE: DEMOLITION WORK SHOWN ON THIS SHEET IS ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE. REFER TO LANDSCAPE DRAWINGS FOR INFORMATION REGARDING THE BASE BID AND ALTERNATE.

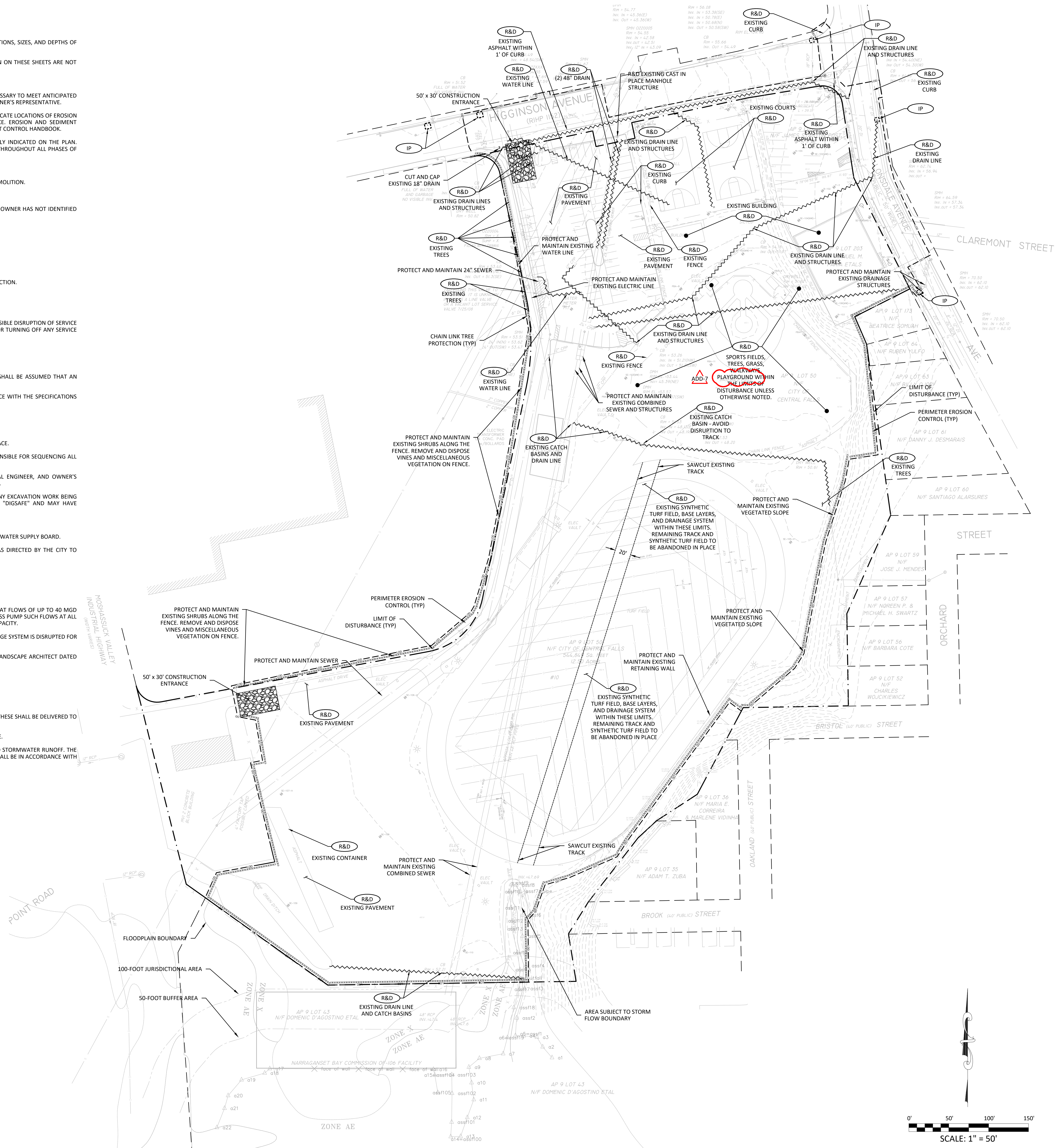
ALTERNATE 3 - OUTDOOR CLASSROOM: OUTDOOR CLASSROOM FEATURES ASSOCIATED WITH THE ALTERNATE ARE SHOWN AS BACKGROUND INFORMATION ON THIS SHEET. DEMOLITION WORK SHOWN ON THIS SHEET IS ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE.

ALTERNATE 5 - FREIGHT FARM UNIT: DEMOLITION WORK SHOWN ON THIS SHEET IS ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE. REFER TO ARCHITECTURAL AND LANDSCAPE DRAWINGS FOR INFORMATION REGARDING THE BASE BID AND ALTERNATE.

ALTERNATE 6 - THROWING EVENTS: DEMOLITION WORK SHOWN ON THIS SHEET IS ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE.

ALTERNATE 9 - SPORTS LIGHTING: ALL WORK SHOWN ON THE CIVIL DRAWING SHEETS ARE ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE. REFER TO THE ELECTRICAL DRAWINGS FOR INFORMATION REGARDING SITE ELECTRIC.

ALTERNATE 10 - TREES: DEMOLITION WORK SHOWN ON THIS SHEET IS ANTICIPATED TO BE CONSISTENT WITH BOTH THE BASE BID AND ALTERNATE. REFER TO LANDSCAPE DRAWINGS FOR INFORMATION REGARDING THE BASE BID AND ALTERNATE.



Ai3 ARCHITECTS
 526 Boston Post Rd Weyand, MA
 508.358.0790 www.ai3architects.com

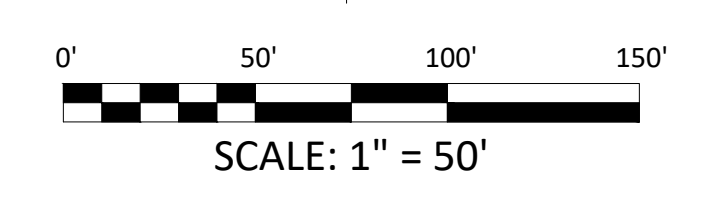
VERTEX
 The Vertex Companies, LLC
 400 Libbey Parkway
 Weymouth, MA 02189
 PHONE 781.952.6000
 www.vertexeng.com

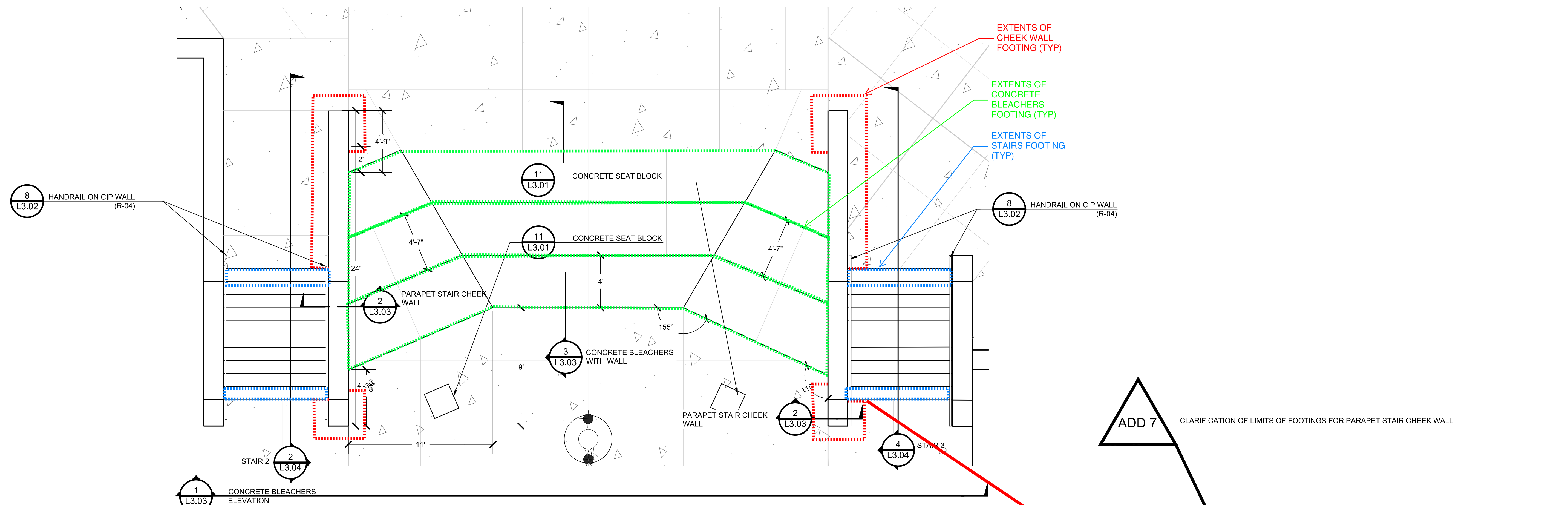
CENTRAL FALLS SCHOOL DISTRICT
 EQUITY - EMPowerment - EXCELLENCE
 CENTRAL FALLS HIGH SCHOOL
 10 HIGGINSON AVE, CENTRAL FALLS, RI
 KEYNOTE LEGEND:

ADD-7 ADDENDUM #7 01.26.2024
100% CONSTRUCTION DOCUMENTS
 NORTH ARROW

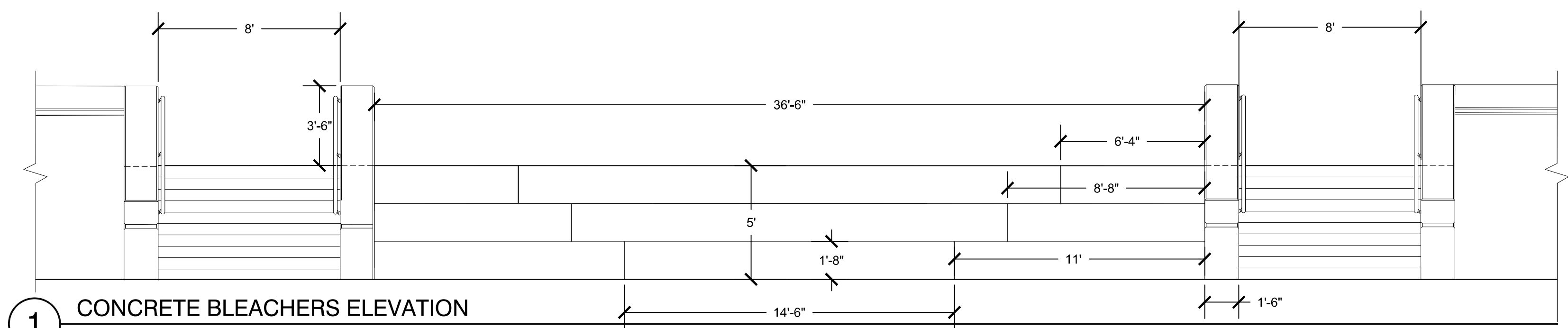
KEYPLAN

DRAWING NAME:
EXISTING CONDITIONS AND DEMOLITION PLAN
 DRAWN BY: SMC
 REVIEWED BY: GBD
 SCALE: AS NOTED | DRAWING NUMBER:
 JOB NO.: 77977
 DATE: OCTOBER 13, 2023
C1.0

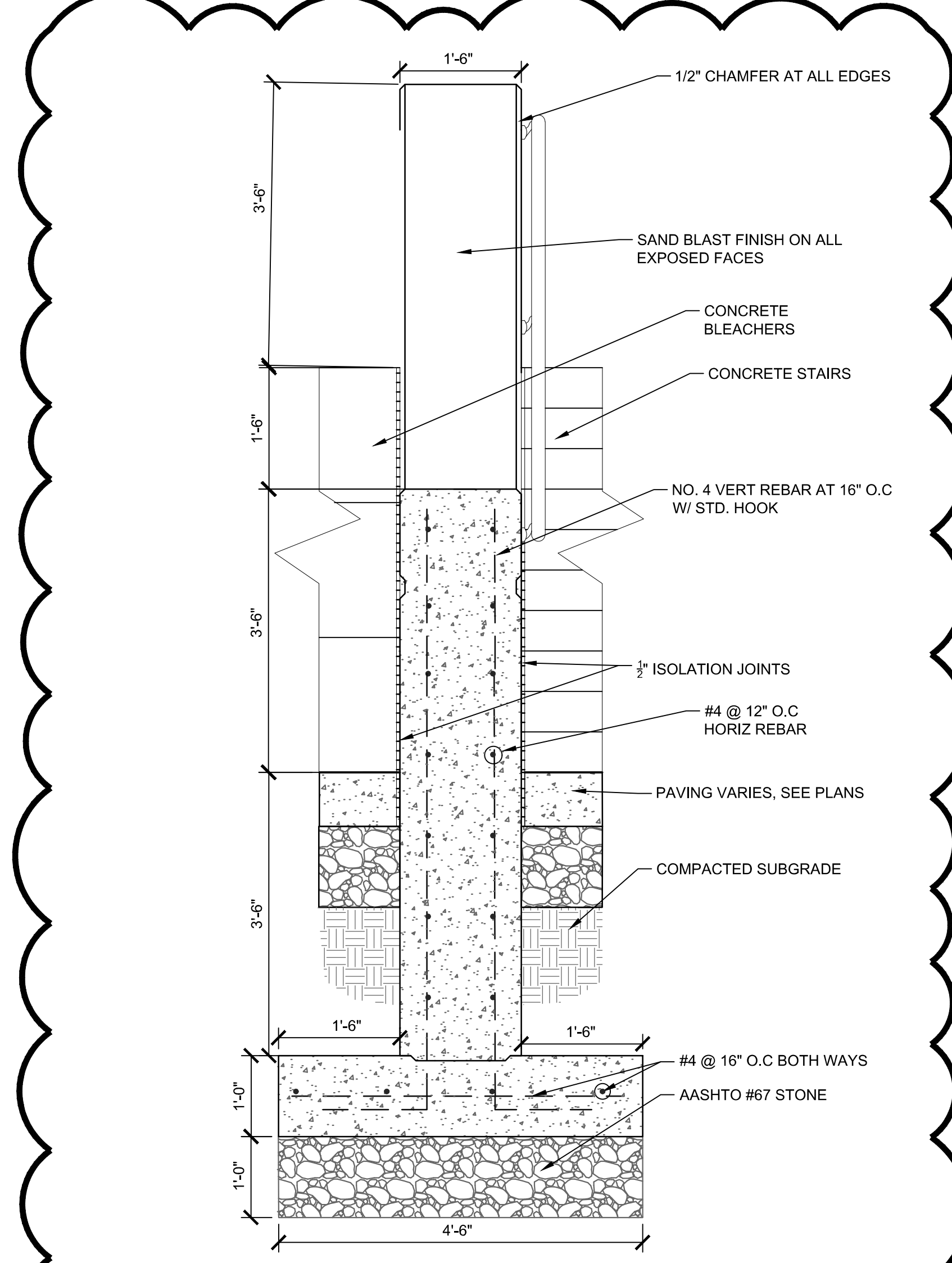




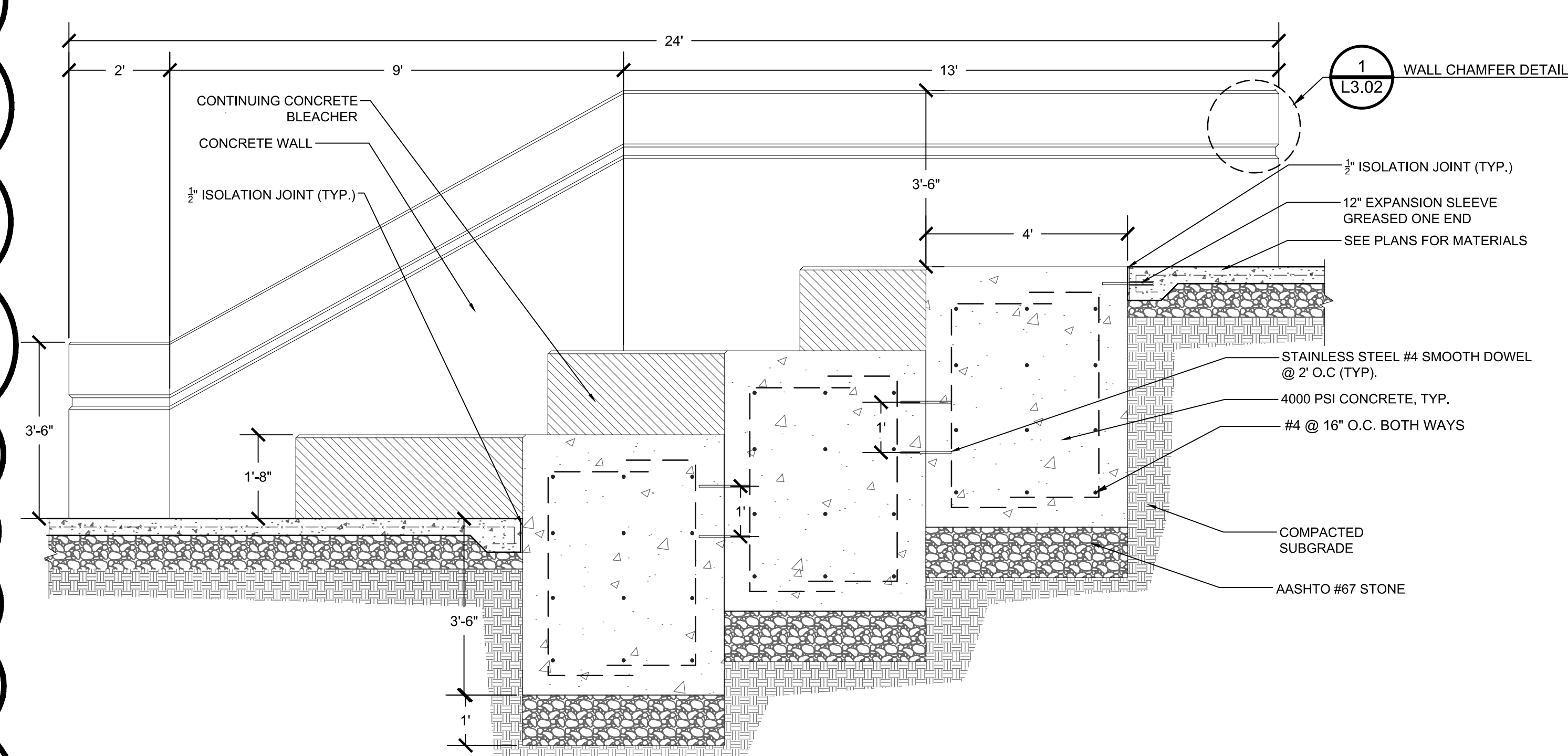
PLAN - CONCRETE BLEACHERS & STEPS AT BACK ENTRANCE



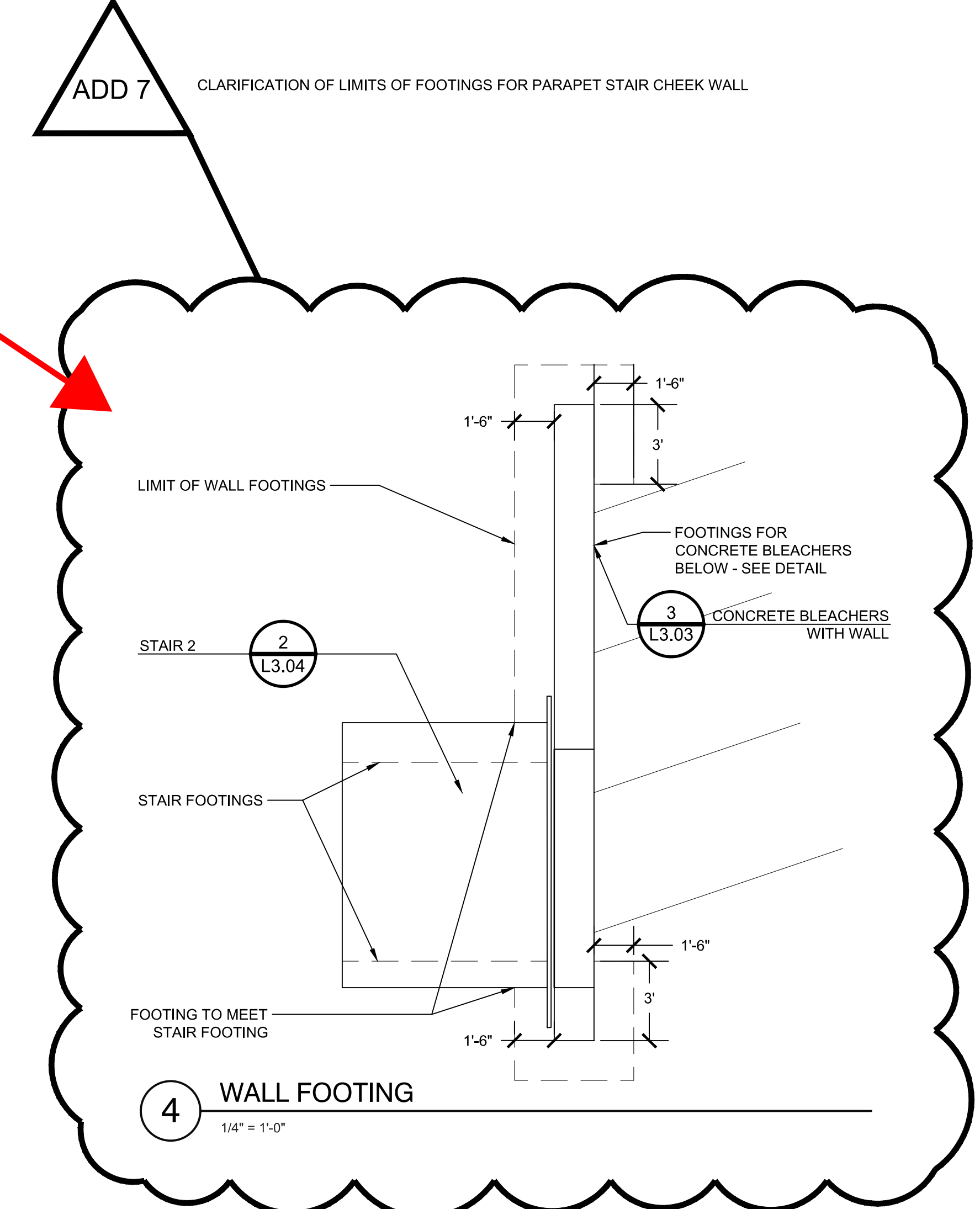
1 CONCRETE BLEACHERS ELEVATION



2 PARAPET STAIR CHEEK WALL



3 CONCRETE BLEACHERS WITH WALL



4 WALL FOOTING

ADD 7 FOOTING DEPTH CHANGED FROM 3' TO 3'-6" ISOLATION JOINT CALLED OUT ON BLEACHER SIDE OF WALL DIMENSIONAL CORRECTION FOR HEIGHT OF WALL

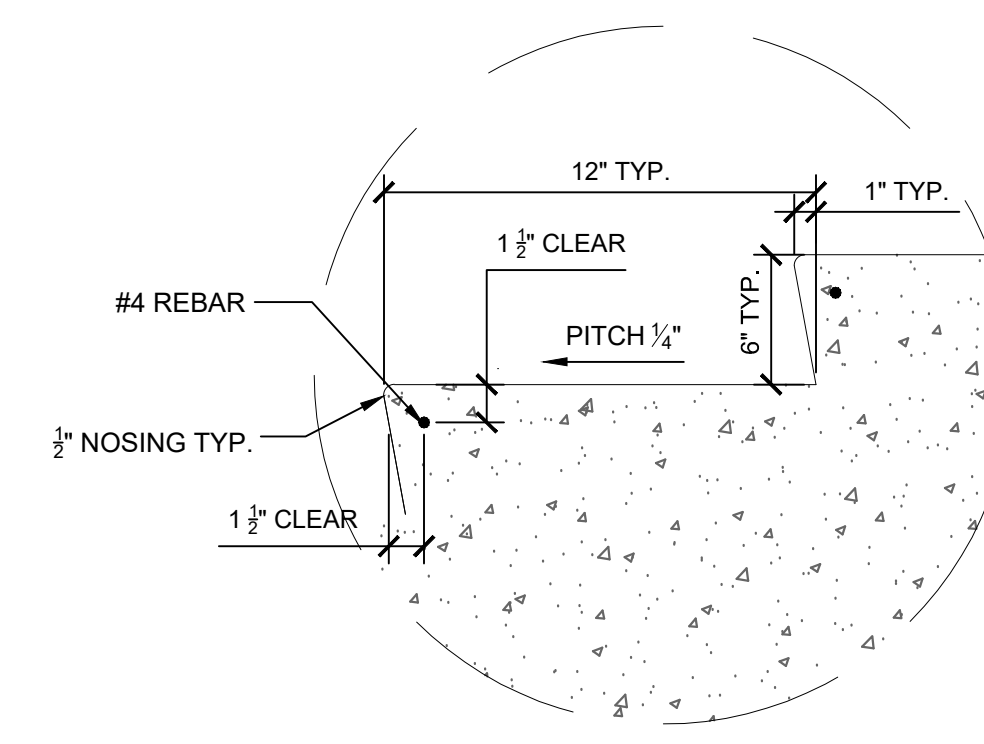
- NOTES:
1. CONCRETE BLEACHERS SHALL BE UNIFORM IN HEIGHT. CONTRACTOR SHALL CONFIRM HEIGHTS AND ANY CHANGES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
 2. CONCRETE BLEACHERS SHALL HAVE A SAND BLAST FINISH ON EXPOSED SURFACES.
 3. MOCK-UPS FOR ALL CONCRETE WORK SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
 4. CONTRACTOR SHALL REFER TO CIVIL ENGINEERING PLANS FOR ANY UTILITY CONFLICTS WITH FOUNDATIONS.

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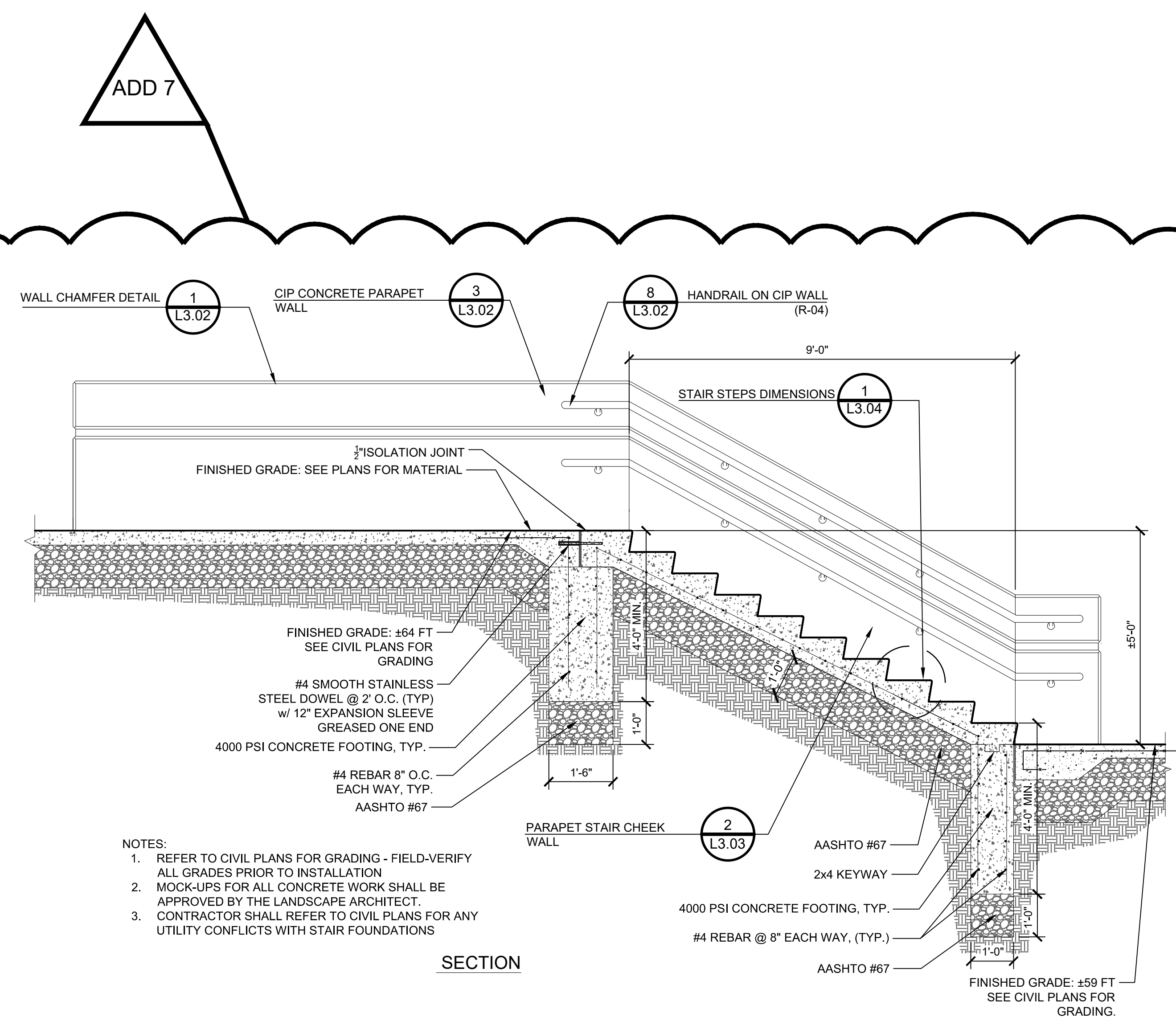
CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

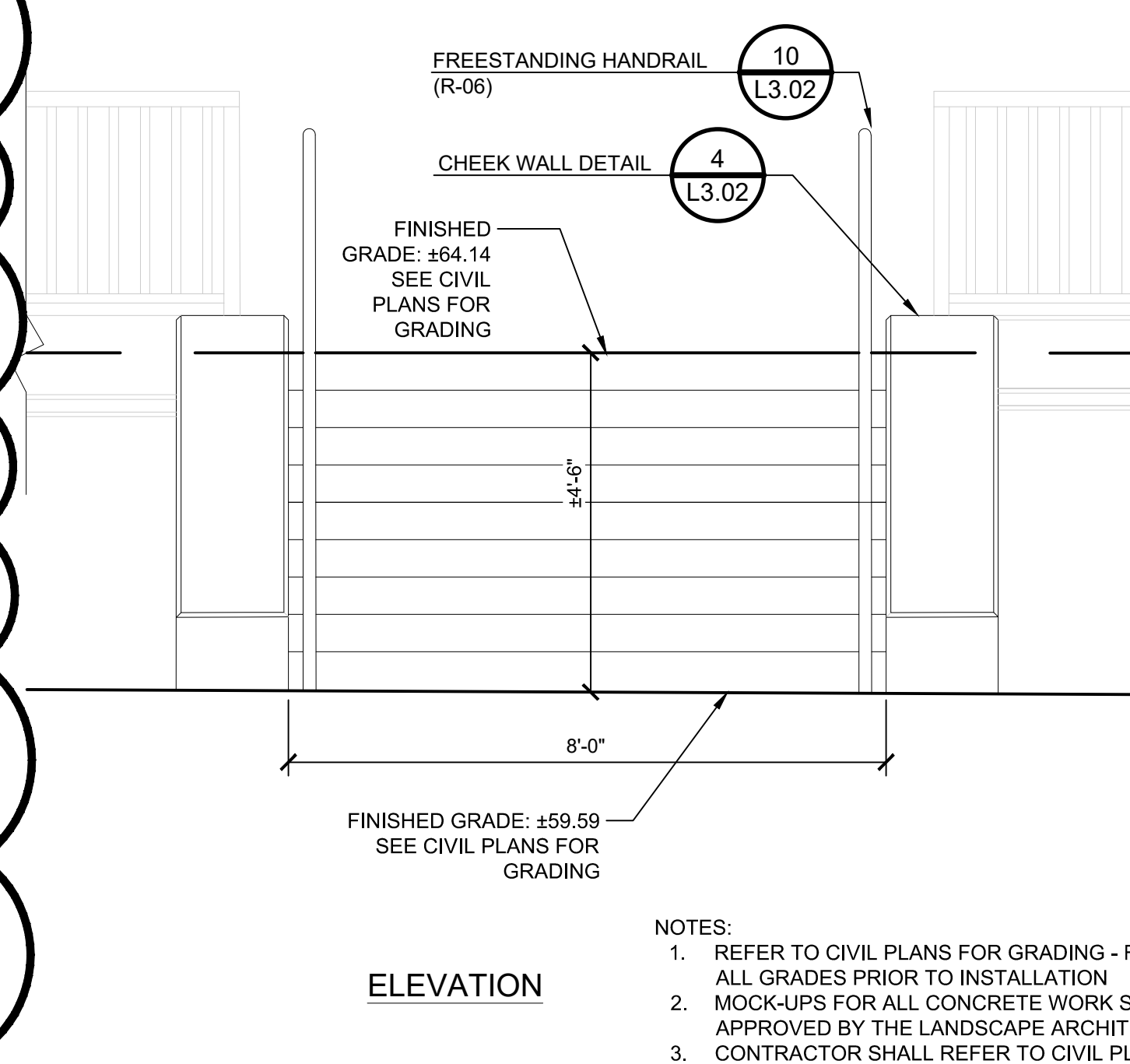
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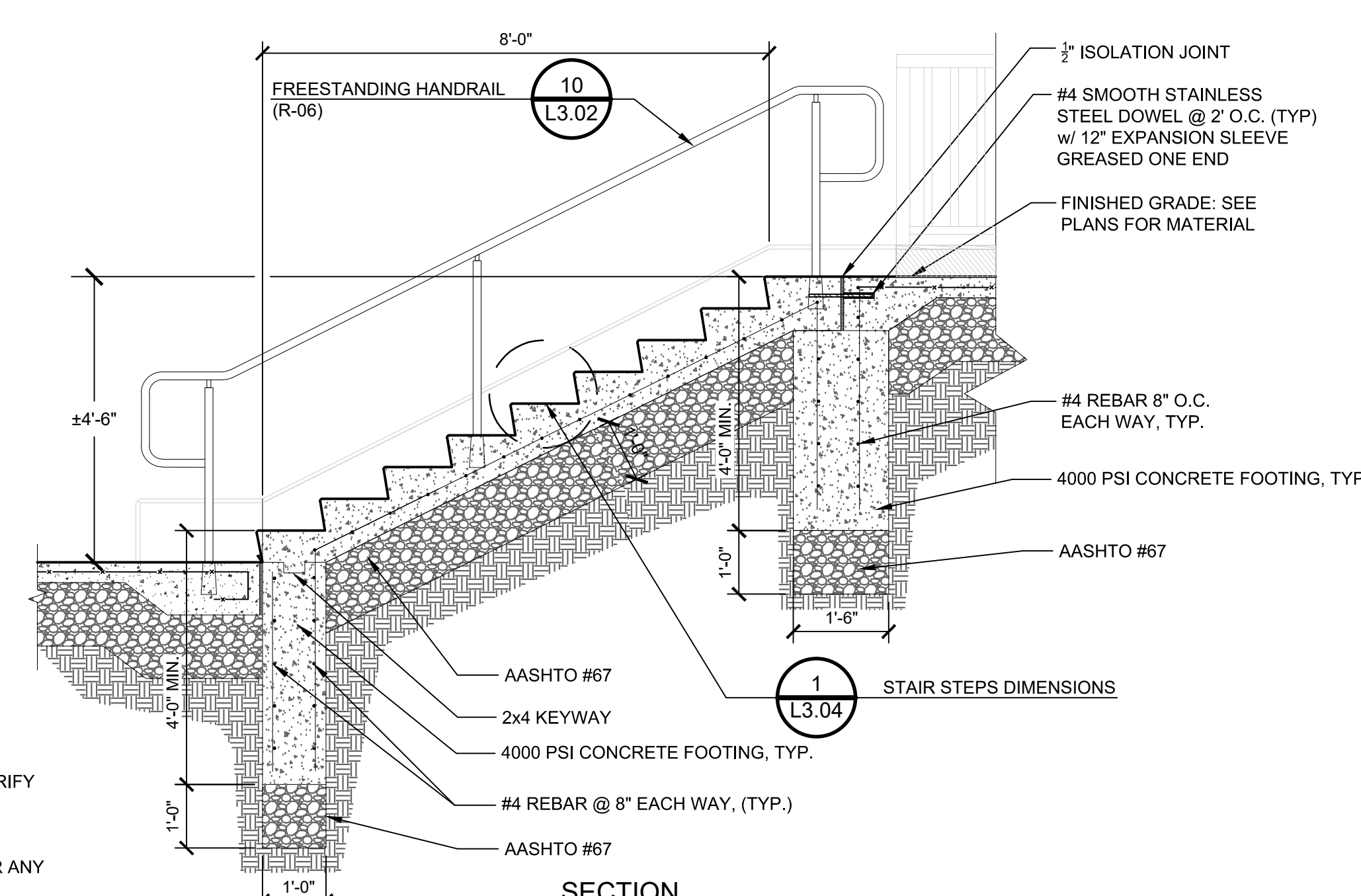
1 STAIR STEPS DIMENSIONS
1/2" = 1'-0"



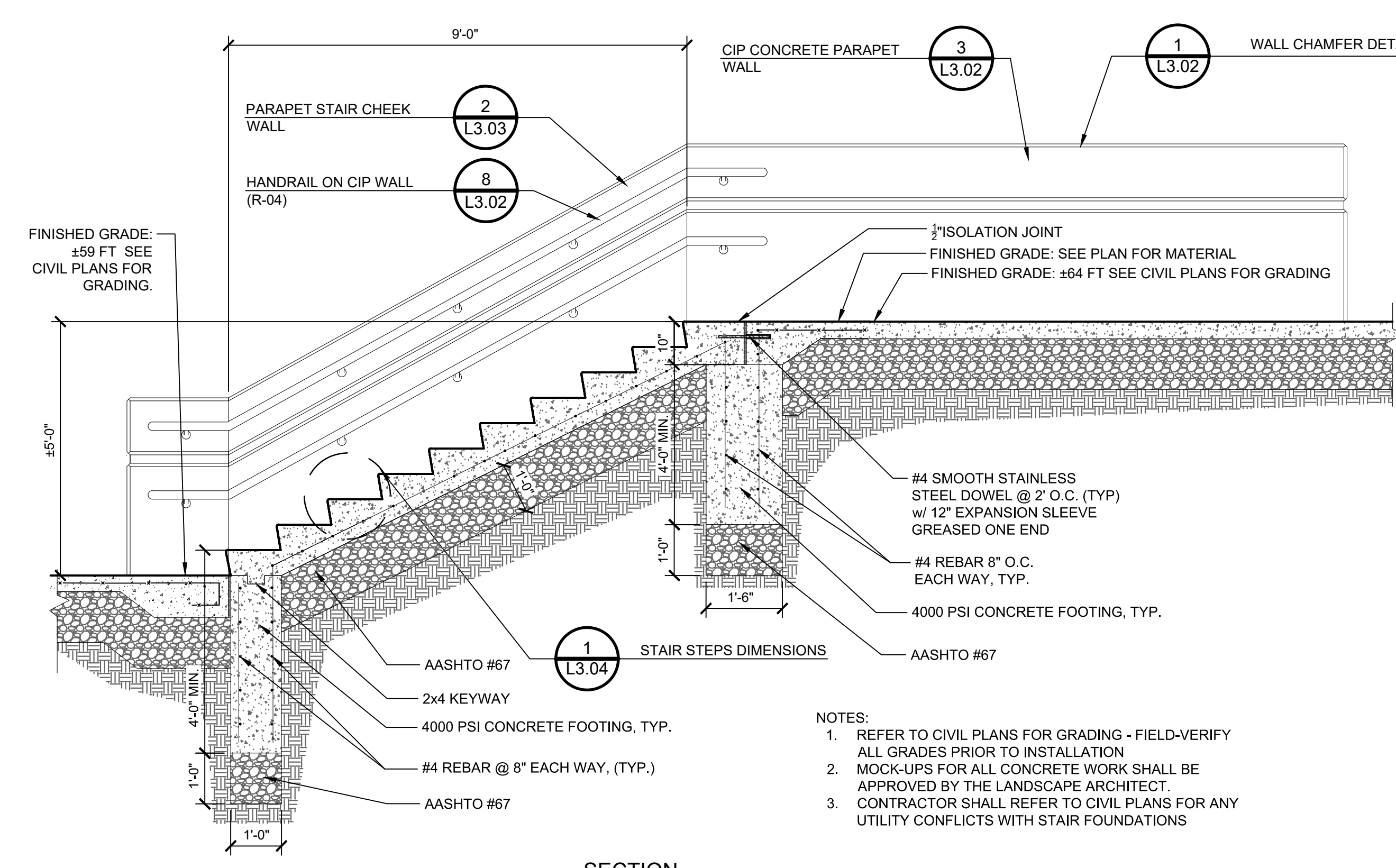
2 STAIR 2
1/2" = 1'-0"



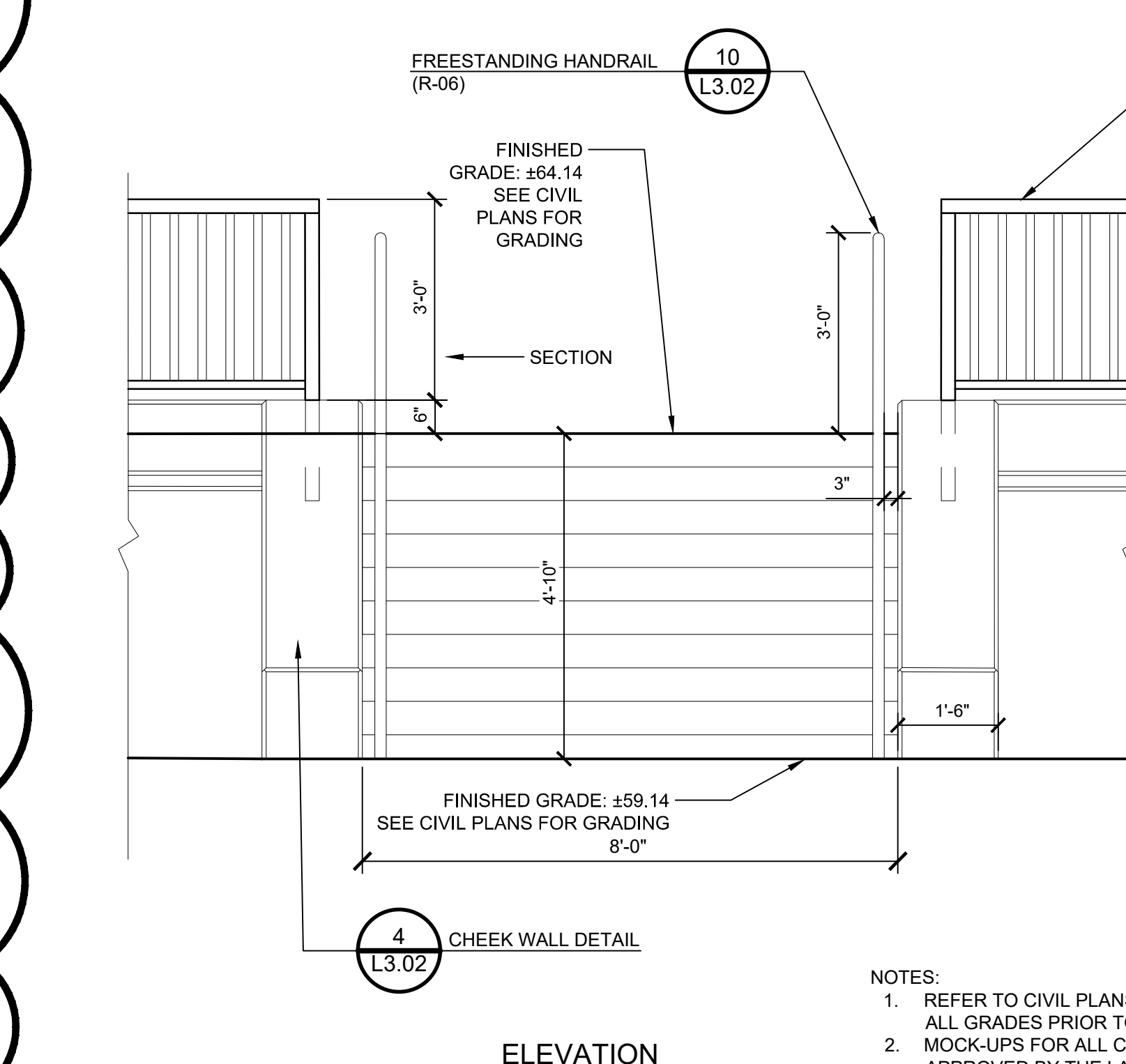
3 STAIR 1
1/2" = 1'-0"



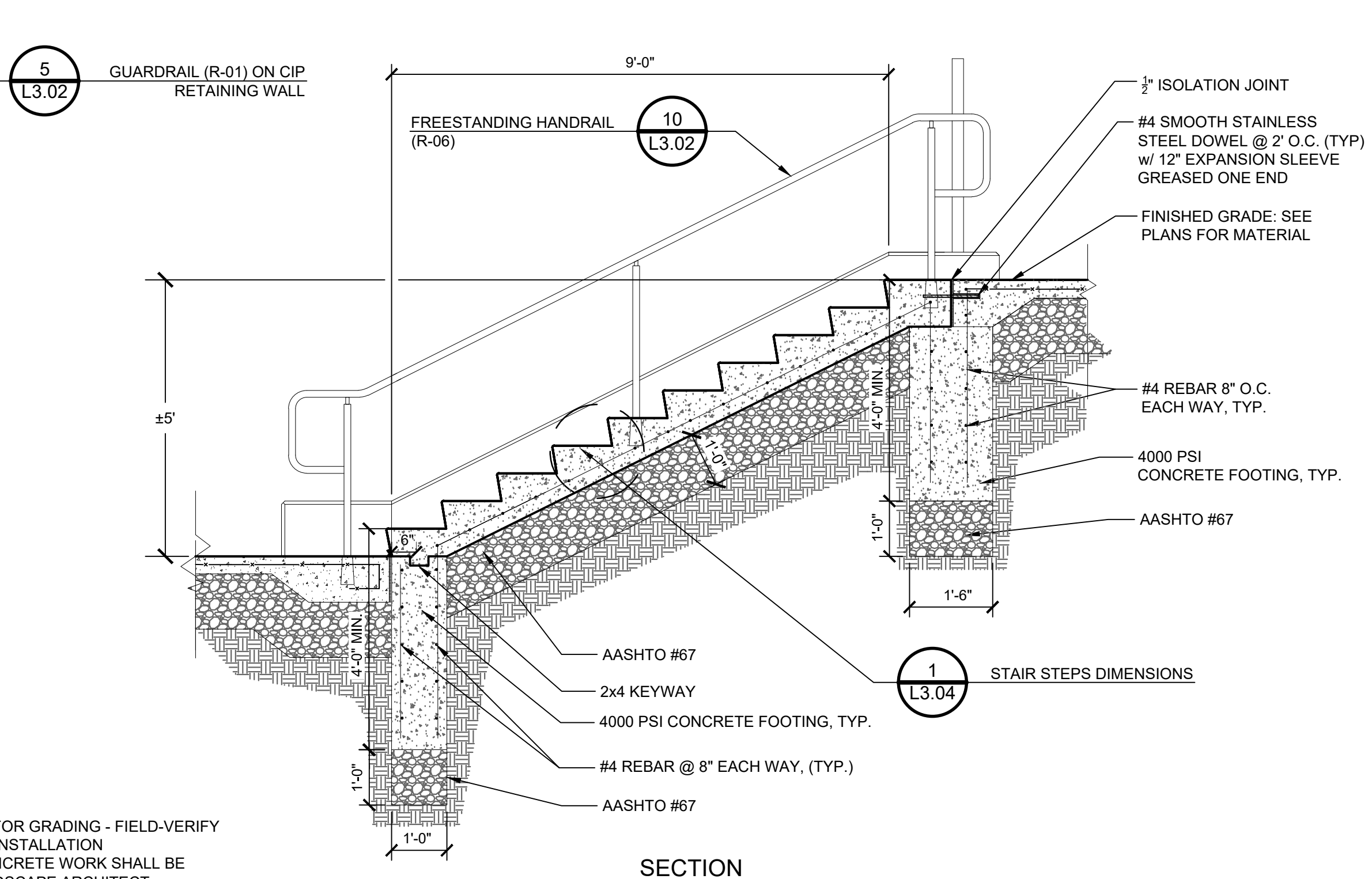
NOTES:
1. REFER TO CIVIL PLANS FOR GRADING - FIELD-VERIFY ALL GRADES PRIOR TO INSTALLATION
2. MOCK-UPS FOR ALL CONCRETE WORK SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
3. CONTRACTOR SHALL REFER TO CIVIL PLANS FOR ANY UTILITY CONFLICTS WITH STAIR FOUNDATIONS



4 STAIR 3
1/2" = 1'-0"



5 STAIR 4
1/2" = 1'-0"



NOTES:
1. REFER TO CIVIL PLANS FOR GRADING - FIELD-VERIFY ALL GRADES PRIOR TO INSTALLATION
2. MOCK-UPS FOR ALL CONCRETE WORK SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
3. CONTRACTOR SHALL REFER TO CIVIL PLANS FOR ANY UTILITY CONFLICTS WITH STAIR FOUNDATIONS

ADD 7 01/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW

KEYPLAN

DRAWING NAME:

DETAILS

DRAWN BY: J. FIGLIOZZI, E. LIMON

REVIEWED BY: S. D'AMBROSIA, J. ROBERTSHAW

SCALE: AS NOTED DRAWING NUMBER:

JOB NO.: K1031

DATE: OCTOBER 13, 2023

L3.04

TOILET ACCESSORY SCHEDULE - GENERAL NOTES

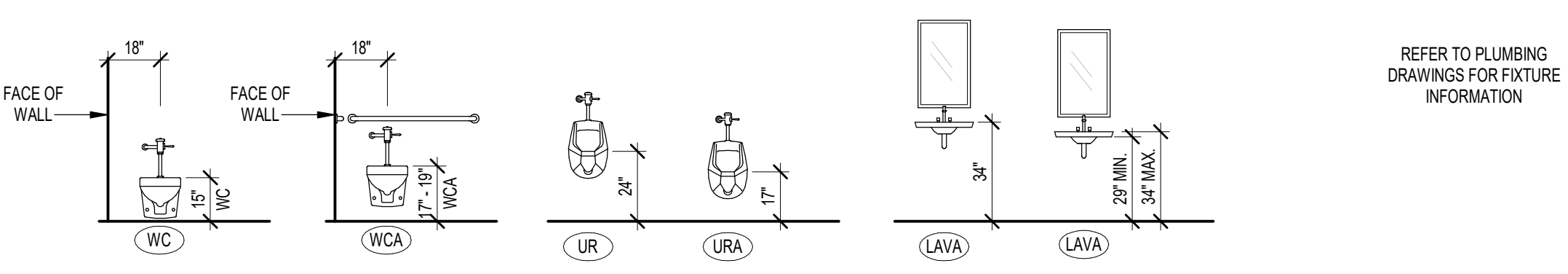
DESCRIPTION	NOTES
SOAP DISPENSERS AND PAPER TOWEL DISPENSERS	IN ADDITION TO ALL TOILET ROOM AND LOCKER ROOM LOCATIONS SHOWN, PROVIDE CONCEALED BLOCKING FOR ONE PAPER TOWEL AND ONE SOAP DISPENSER AT EACH SINK THROUGHOUT THE BUILDING.
SOAP DISPENSERS	ALL SOAP DISPENSERS SHALL BE OWNER FURNISHED AND INSTALLED. 06 10 00 - ROUGH CARPENTRY SHALL PROVIDE CONCEALED BLOCKING AS REQUIRED AT ALL SURFACE MOUNTED LOCATIONS.
TOILET TISSUE DISPENSERS AND SANITARY NAPKIN DISPOSALS	COORDINATE EXACT MOUNTING HEIGHT OF GRAB BARS WITH ARCHITECT. IN FIELD. NOTE: TOILET TISSUE DISPENSERS SHALL BE 15" A.F.F., WITH TOP OF DISPENSER 1 1/2" MIN. BELOW THE SIDE GRAB BAR AND 7" TO 9" FROM THE FRONT EDGE OF THE TOILET TO THE CENTERLINE OF THE DISPENSER.
GRAB BARS	PROVIDE 1 1/2" CLEARANCE FROM WALL WITH CONCEALED MOUNTING.
MOP HOLDER	PROVIDE ONE AT EACH MOP SINK LOCATION THROUGHOUT THE BUILDING TO BE MOUNTED OVER MOP SINK AT 5'-0" A.F.F.
COAT HOOK	PROVIDE ONE AT EACH TOILET ROOM PARTITION STALL DOOR MOUNTED TO STALL SIDE OF DOOR AND PROVIDE ONE AT EACH SINGLE TOILET ROOM DOOR ON TOILET SIDE OF DOOR, CENTERED ON ALL DOORS. ALSO PROVIDE AT ADDITIONAL LOCATIONS SHOWN ON DRAWINGS.
PLUMBING FIXTURES	SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHT AND LOCATION VERIFICATIONS.
STAINLESS STEEL SHELVES	PROVIDE ONE AT EACH CUSTODIAN CLOSET MOUNTED ABOVE THE SINK. PROVIDE ONE AT EACH SINGLE USER TOILET ROOM MOUNTED TO WALL ACROSS FROM TOILET. COORDINATE HEIGHT WITH OWNER, ARCHITECT IN THE FIELD.
SURFACE MOUNTED TOILET ACCESSORIES	06 10 00 - ROUGH CARPENTRY SHALL PROVIDE CONCEALED BLOCKING AS REQUIRED AT ALL SURFACE MOUNTED LOCATIONS.

FIXTURE LEGEND

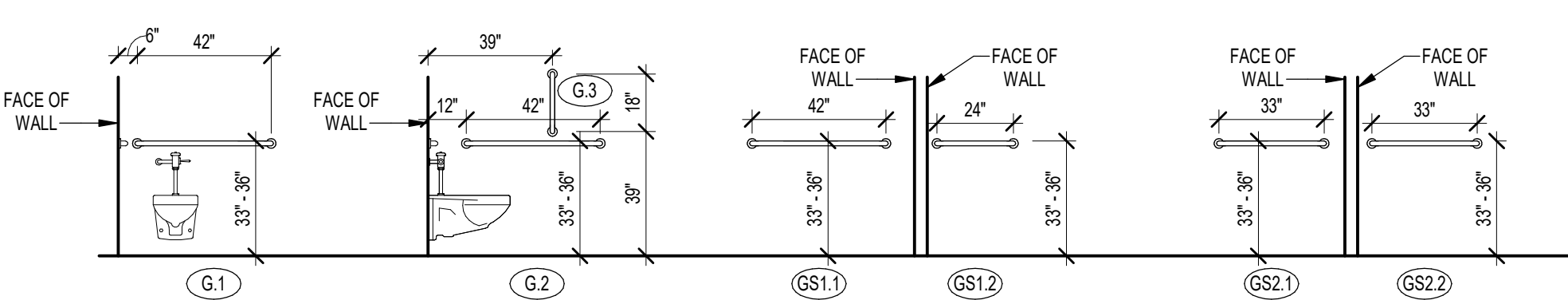
WC	WATER CLOSET: ADULT
WCA	WATER CLOSET: ADULT ACCESSIBLE
UR	URINAL: ADULT
URA	URINAL: ADULT ACCESSIBLE
LAV	LAVATORY: ADULT
LAVA	LAVATORY: ADULT ACCESSIBLE
SHRA	SHOWER: ACCESSIBLE
SS	SERVICE SINK
FD	FLOOR DRAIN
HB	HOSE BIB
SHR	SHOWER

TOILET ACCESSORY LEGEND: SEE SPEC SECTION 10 28 13

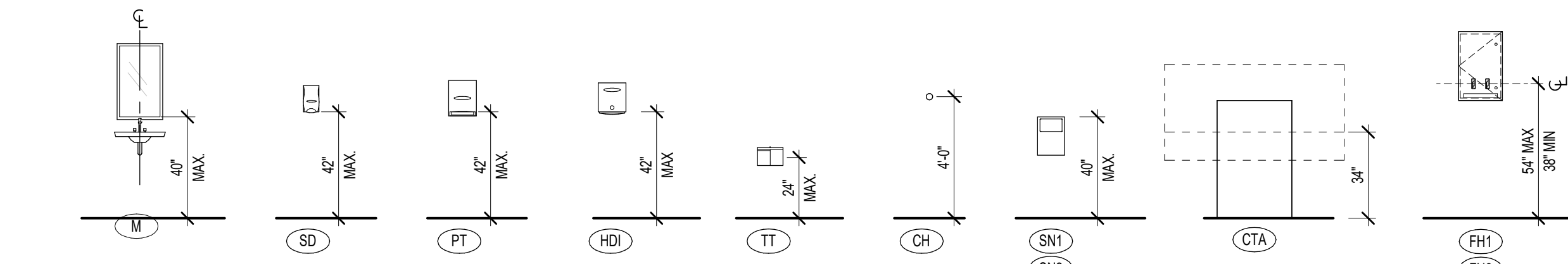
G1	STAINLESS STEEL HORIZONTAL GRAB BAR (REAR WALL)
G2	STAINLESS STEEL HORIZONTAL GRAB BAR (SIDE WALL)
G2V	STAINLESS STEEL VERTICAL GRAB BAR (SIDE WALL)
GS1	STAINLESS STEEL GRAB BAR: 2'-0" X 5' HC SHOWER STALL (WALL ADJ. SEAT)
GS2	STAINLESS STEEL GRAB BAR: 2'-0" X 5' HC SHOWER STALL (BACK WALL)
SD	SOAP DISPENSER
SM	STAINLESS STEEL FRAMED MIRROR
PT	SURFACE MOUNTED PAPER TOWEL DISPENSER
CTA	CHANGING TABLE: ADULT
FH1	FEMINE HYGIENE DISPENSER (TYPE 1)
FH2	FEMINE HYGIENE DISPENSER (TYPE 2)
TT	TOILET TISSUE DISPENSER
CH	STAINLESS STEEL COAT HOOK
SN1	SANITARY NAPKIN DISPOSAL (TYPE 1: SURFACE MOUNTED)
SN2	SANITARY NAPKIN DISPOSAL (TYPE 2: PARTITION MOUNTED DUAL ACCESS)
MH	MOP HOLDER
SH	STAINLESS STEEL SHELF (COORDINATE MOUNTING HEIGHT & LOCATION IN FIELD, MIN 5'-0" AFF/ MAX 5'-6" A.F.F.)
PS	PADDED SEAT (MOUNTING HEIGHT 17"-19" AFF)
SCR	SHOWER CURTAIN AND ROD (COORDINATE MOUNTING HEIGHT WITH SHOWER CURTAIN LENGTH)
HDI	HAND DRYER



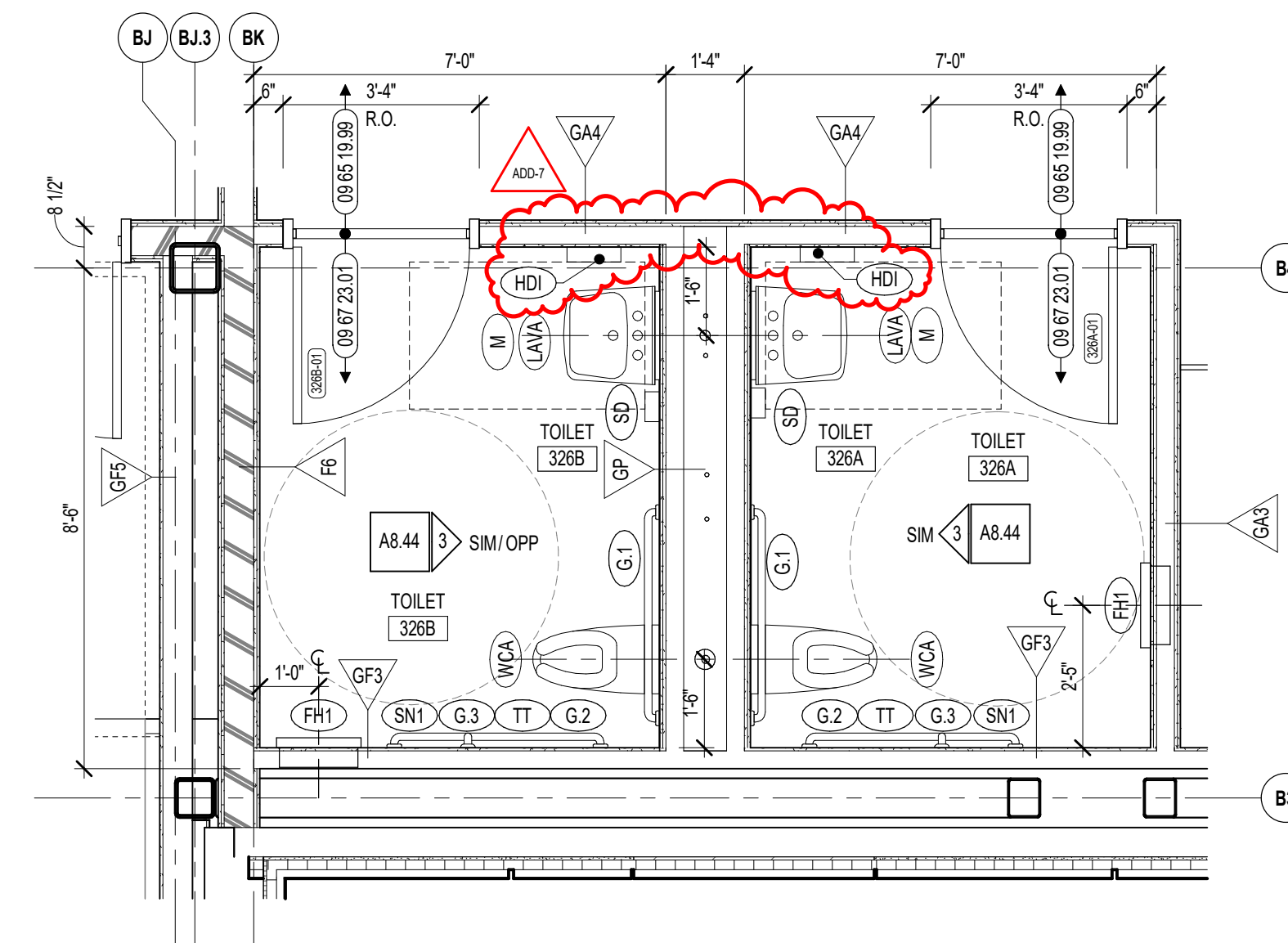
TYPICAL FIXTURE MOUNTING HEIGHTS



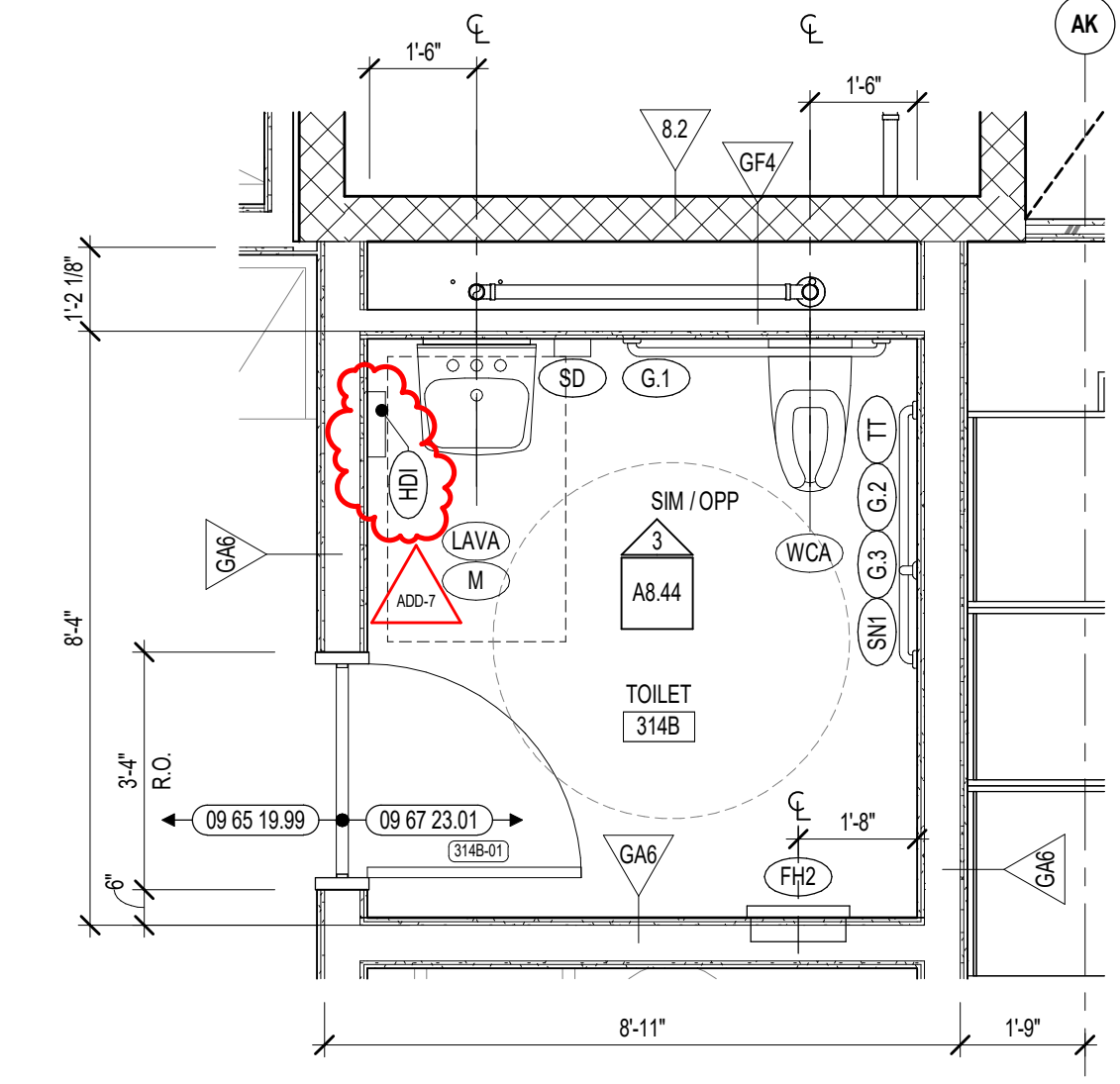
TYPICAL GRAB BAR MOUNTING HEIGHTS



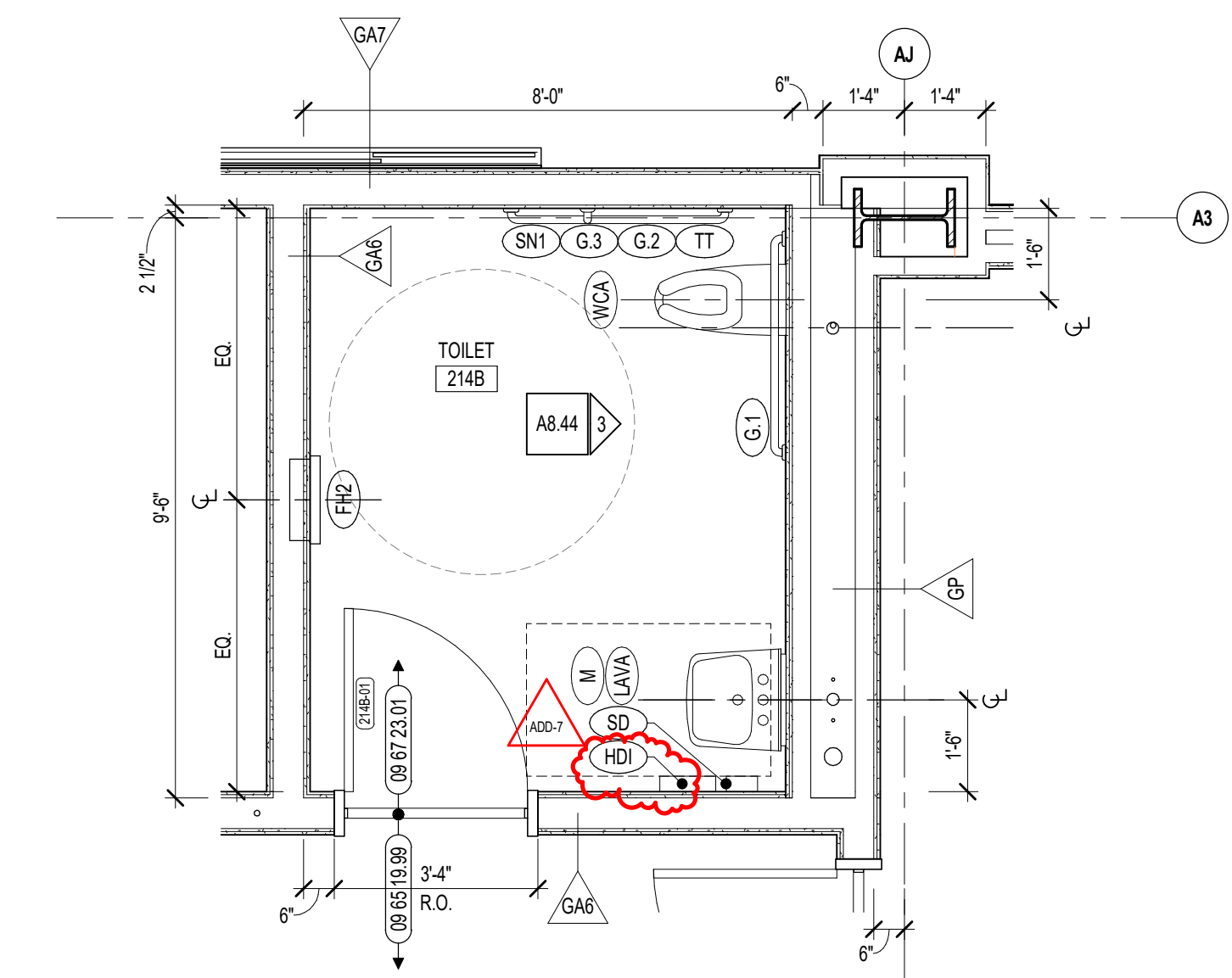
TYPICAL ACCESSORY MOUNTING HEIGHTS



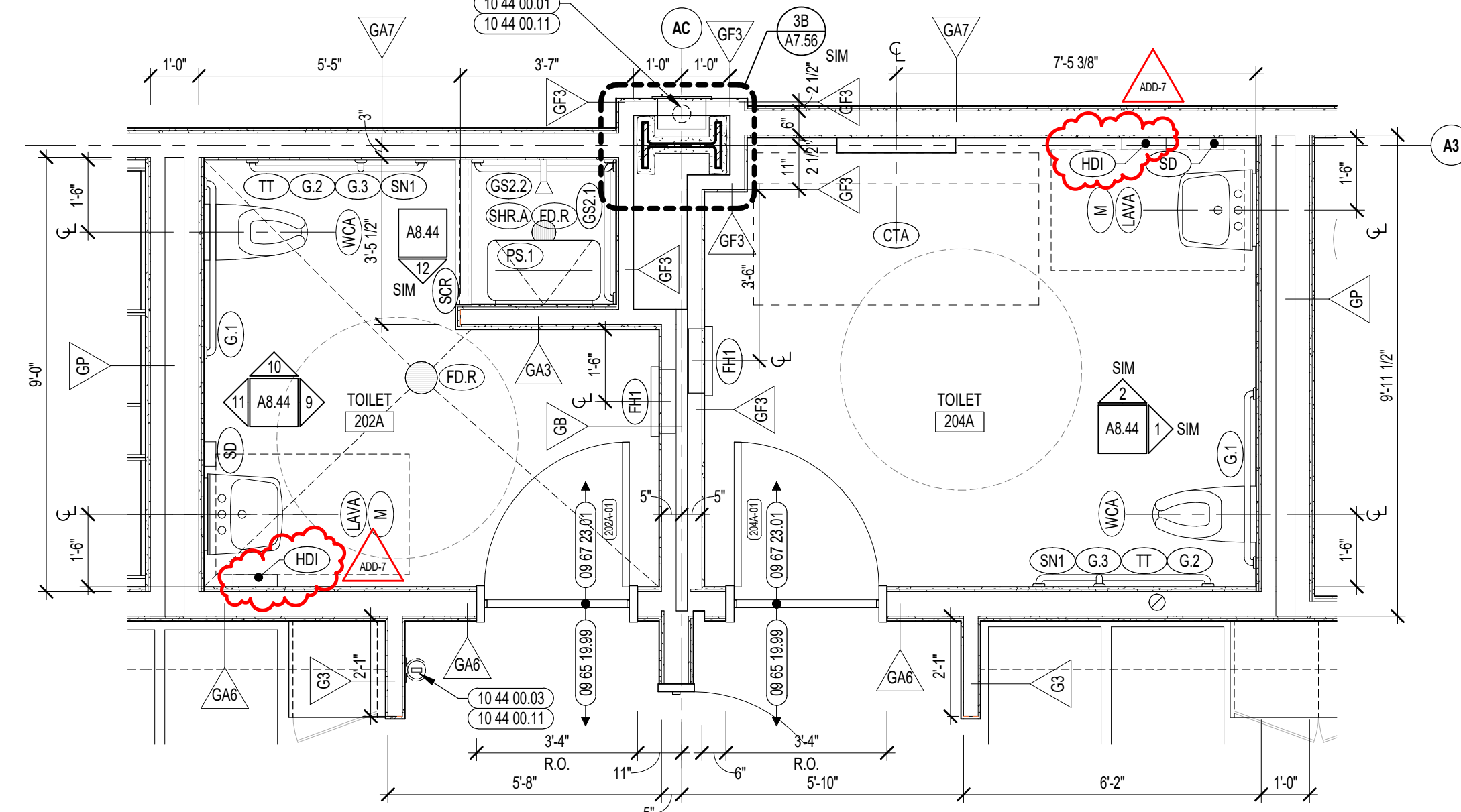
8 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



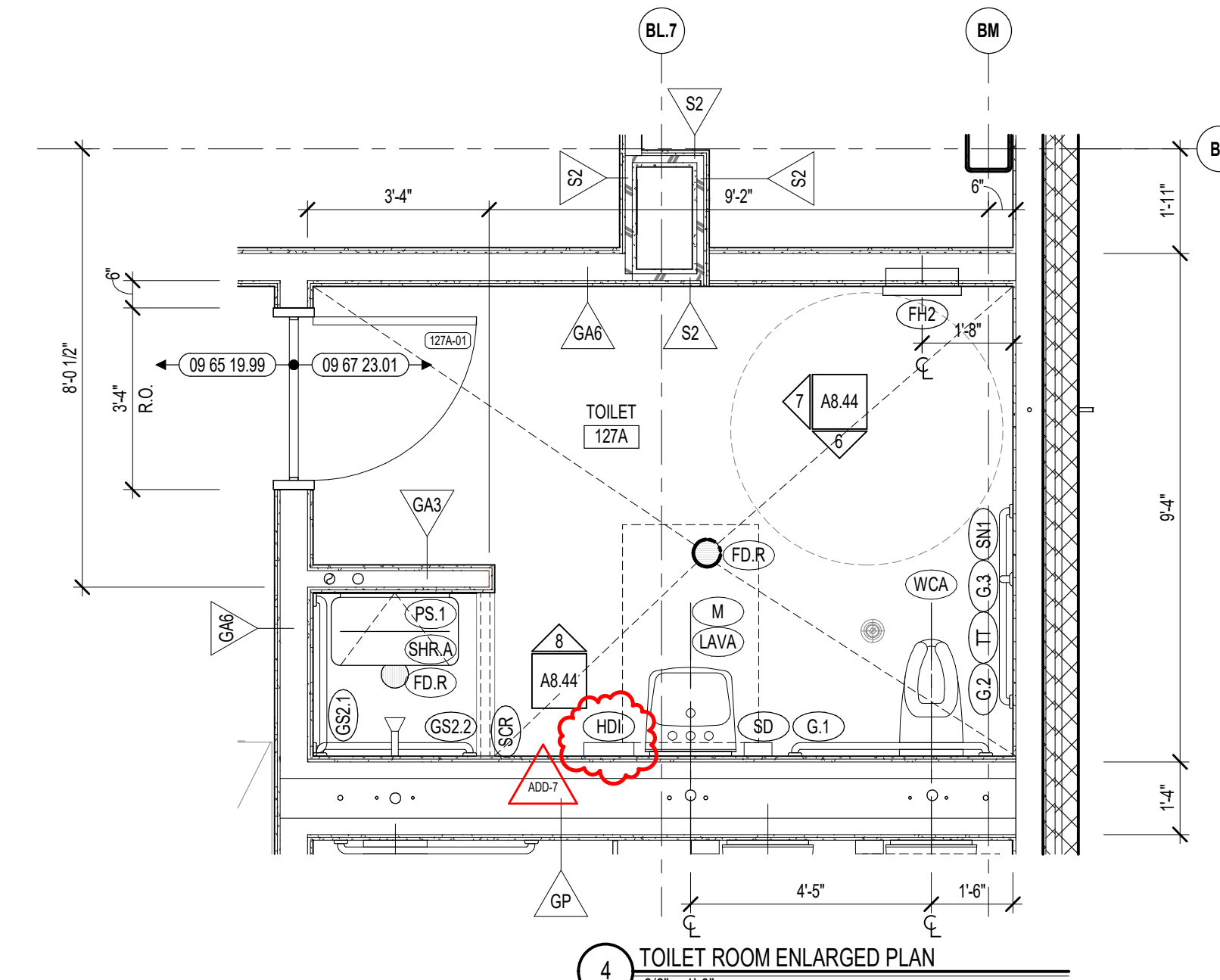
7 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



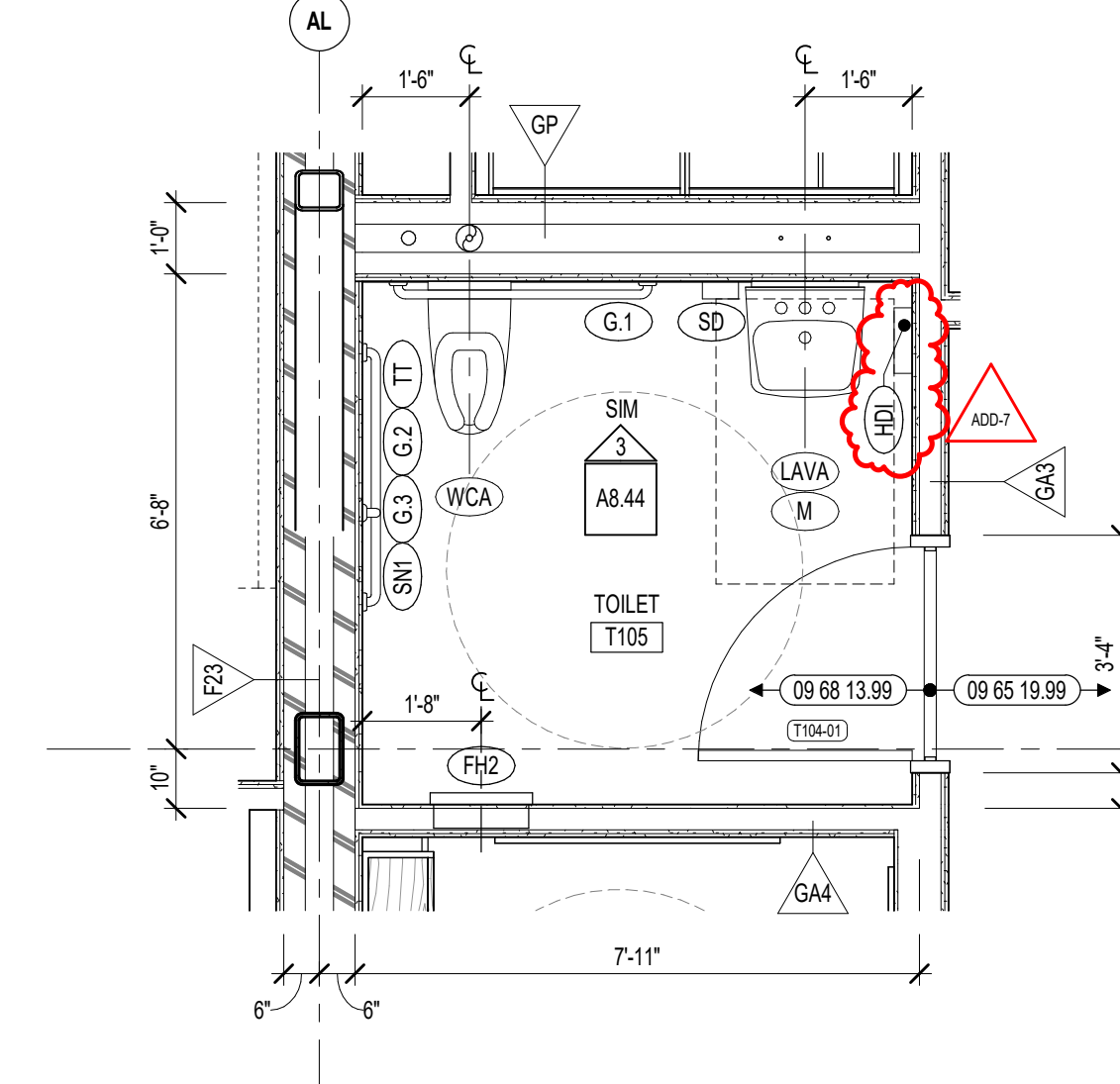
6 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



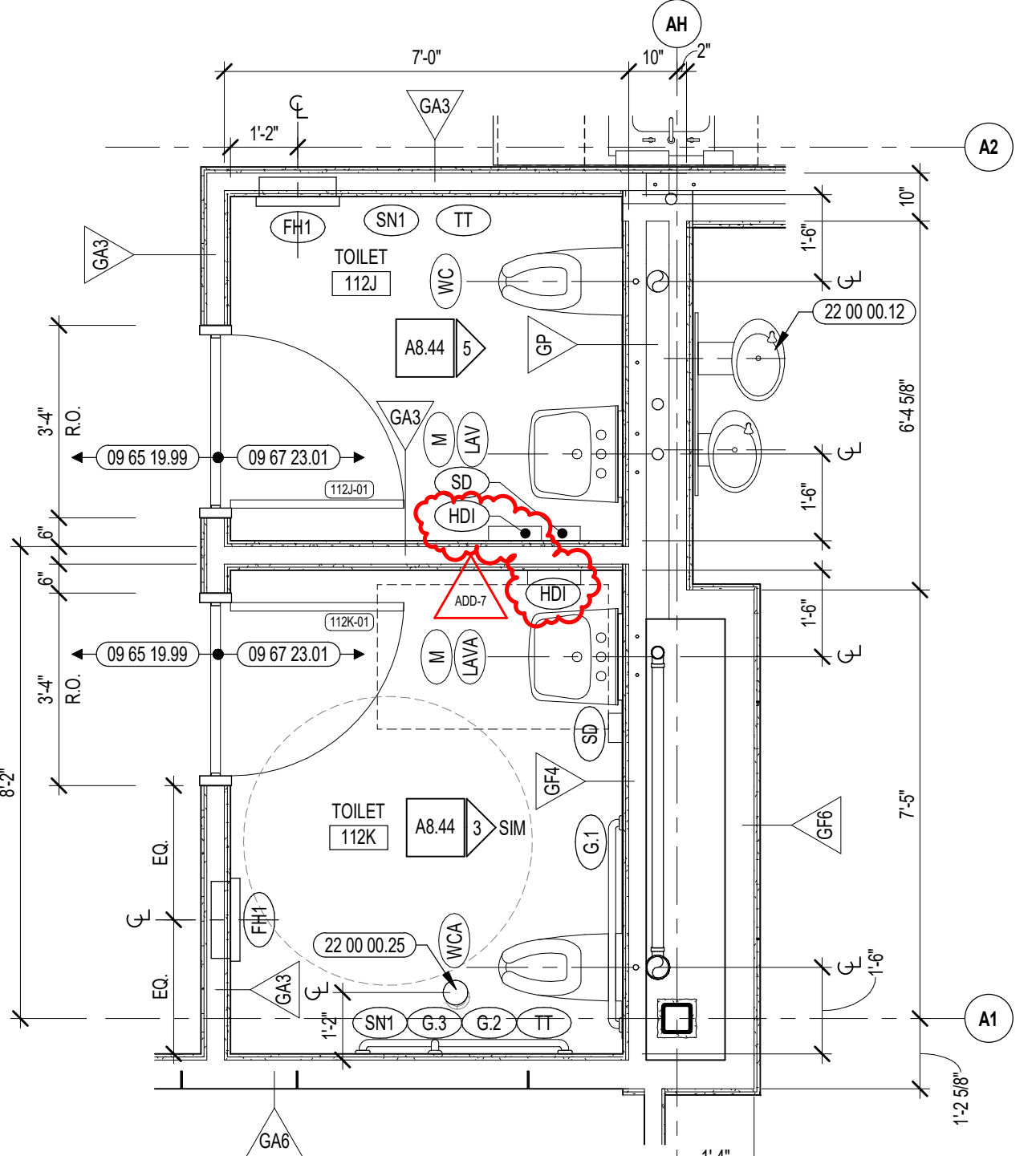
5 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



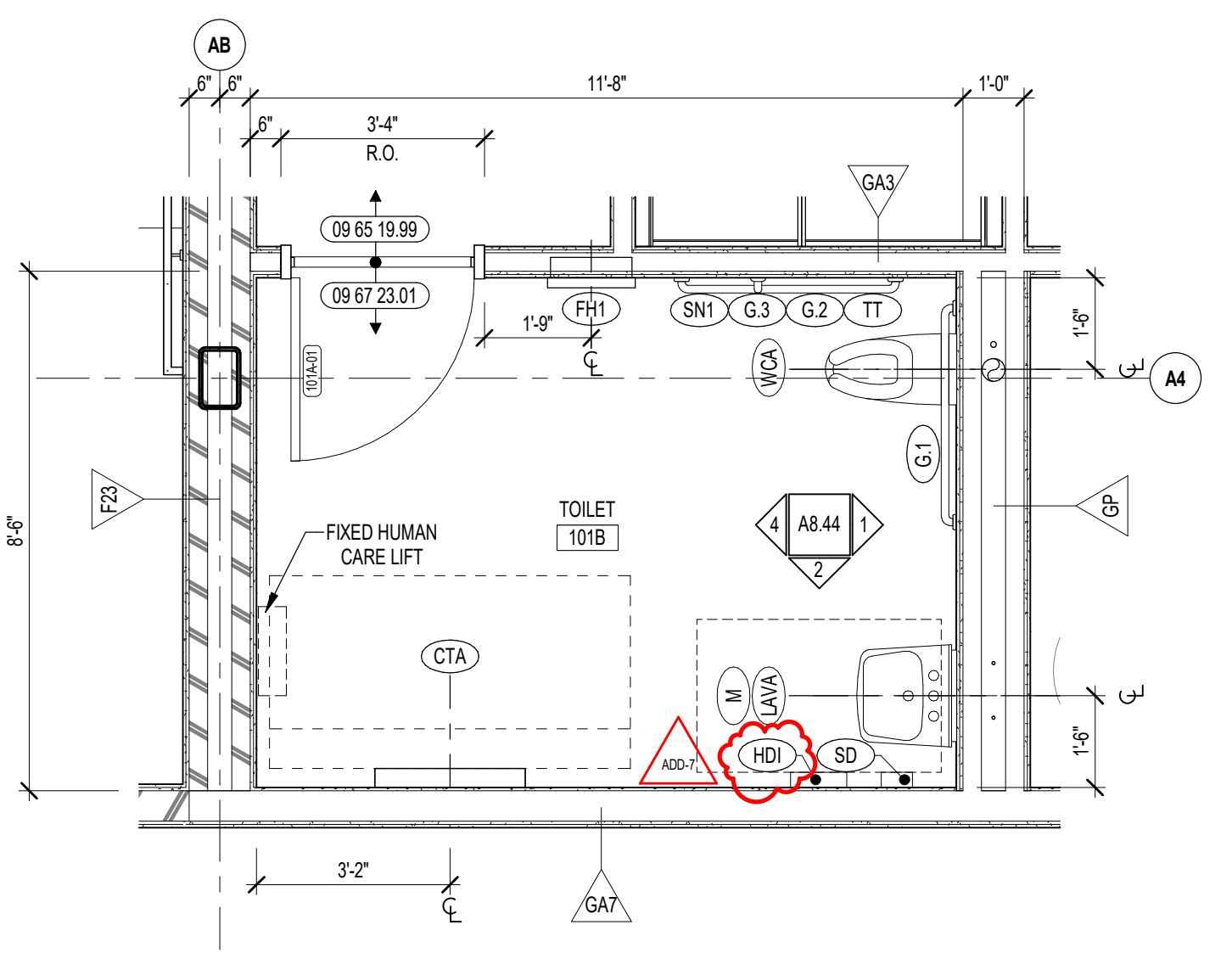
4 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



3 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



2 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



1 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0" SIMILAR TO 1038



111 Soen Street, Suite 300
Framingham, MA
508.398.0790
www.a3architects.com



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

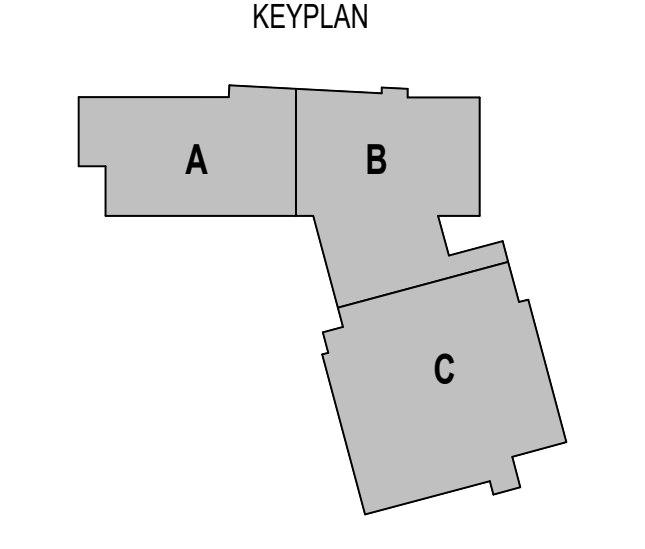
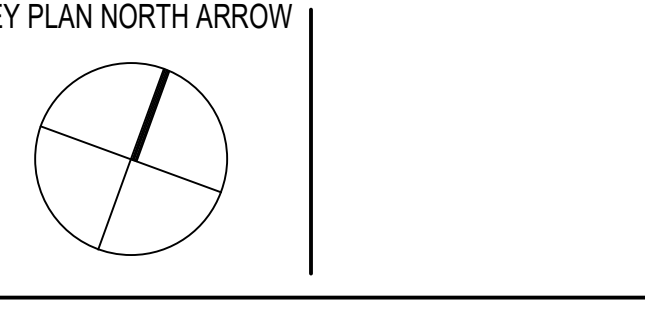
09 65 19.99	RTF - REFERENCE SCHEDULE AND SAMPLE PATTERNS FOR TYPE
09 67 23.01	FLUD APPLIED FLOORING - UCF-1
09 68 13.99	CPT - REFERENCE SCHEDULE AND SAMPLE PATTERNS FOR TYPE
10 44 00.01	FIRE EXTINGUISHER CABINET - FULLY RECESSED
10 44 00.03	FIRE EXTINGUISHER WALL MOUNTED BRACKET
10 44 00.11	FIRE EXTINGUISHER
22 00 00.12	HYDRATION STATION - SEE PLUMBING
22 00 00.25	PIPE CLEANOUT FLOOR COVER - SEE PLUMBING

GENERAL NOTES:

- REFERENCE SAMPLE WALL CLADDING PATTERN DRAWINGS ON AT SERIES FOR ADDITIONAL INFORMATION, TYPICAL.
- NOT ALL POWER & DATA OUTLET SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR LOCATIONS.

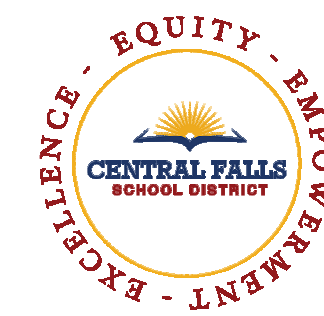
ADD-7 ADDENDUM #7 01.26.2024

100% CONSTRUCTION DOCUMENTS



DRAWING NAME:
ENLARGED TOILET ROOM PLANS

DRAWN BY: CHR / NGA
REVIEWED BY: CHR / KK
SCALE: AS INDICATED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **A8.41**



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

- 03 30 00 01 CONCRETE
- 03 30 00 03 CONCRETE SLAB ON DECK - SEE STRUCTURAL
- 09 65 19 00 RTF - REFERENCE SCHEDULE AND SAMPLE PATTERNS FOR TYPE
- 09 65 36 01 STATIC CONTROL COMPOSITE TILE
- 09 67 23 01 FLOOR APPLIED FLOORING - UCF-1
- 09 91 00 01 PAINT - SEE SCHEDULE
- 10 21 13 11 TOILET PARTITION - PANEL
- 10 21 13 21 TOILET COMPARTMENT DOOR - 36 INCH
- 10 21 13 22 TOILET COMPARTMENT DOOR - 28 INCH
- 10 21 13 31 URINAL SCREEN

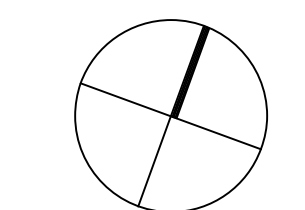
GENERAL NOTES:

1. REFERENCE SAMPLE WALL CLADDING PATTERN DRAWINGS ON A7 SERIES FOR ADDITIONAL INFORMATION, TYPICAL.
2. NOT ALL POWER & DATA OUTLET SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR LOCATIONS.

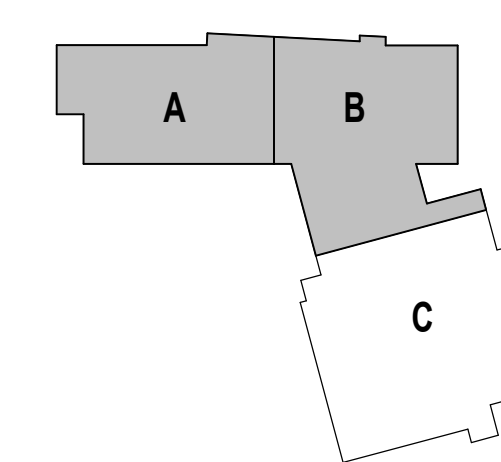
ADD-7 ADDENDUM #7 01.26.2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

ENLARGED TOILET ROOM PLANS

DRAWN BY: CHR / NGA

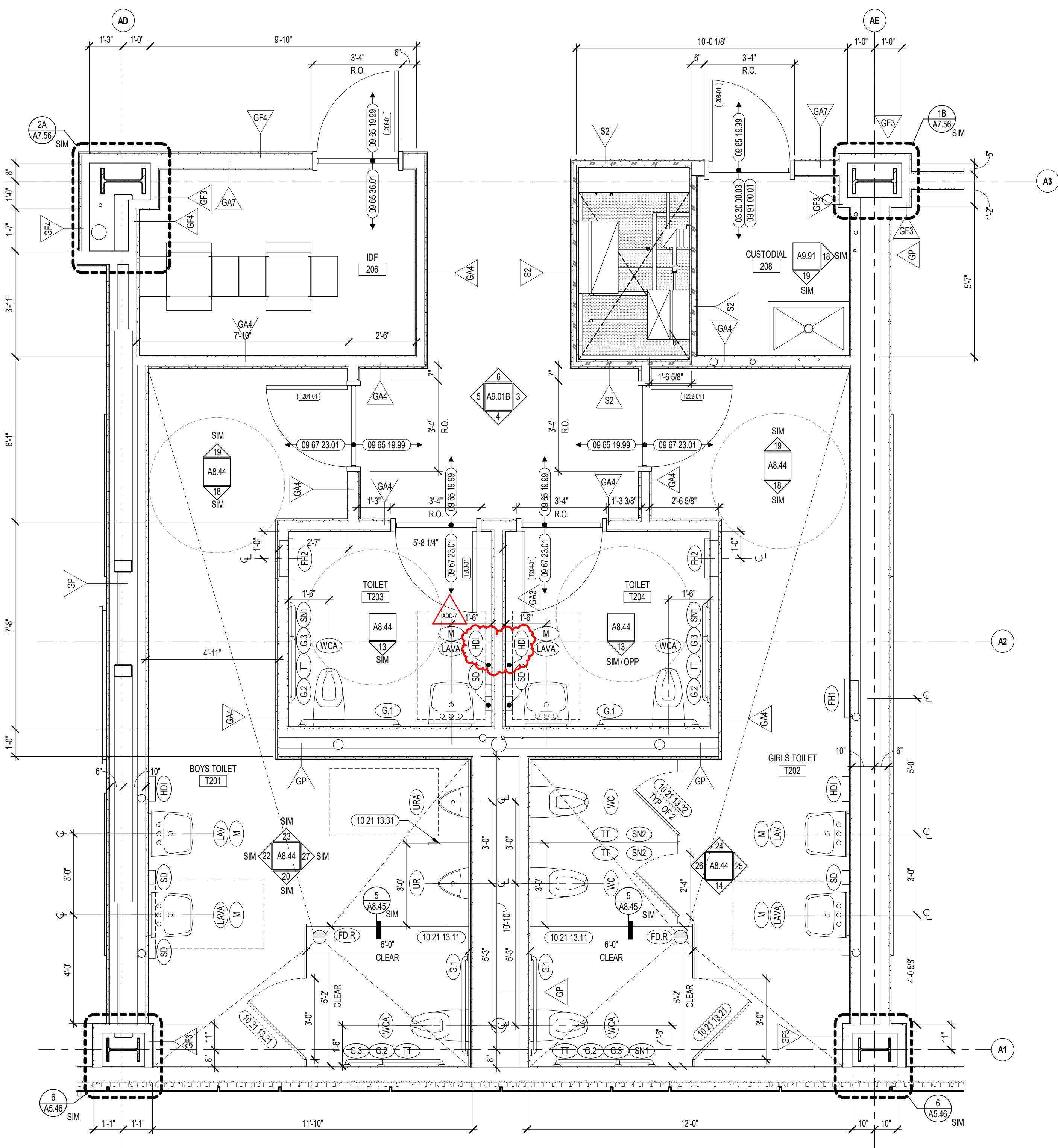
REVIEWED BY: CHR / KK

SCALE: AS INDICATED DRAWING NUMBER:

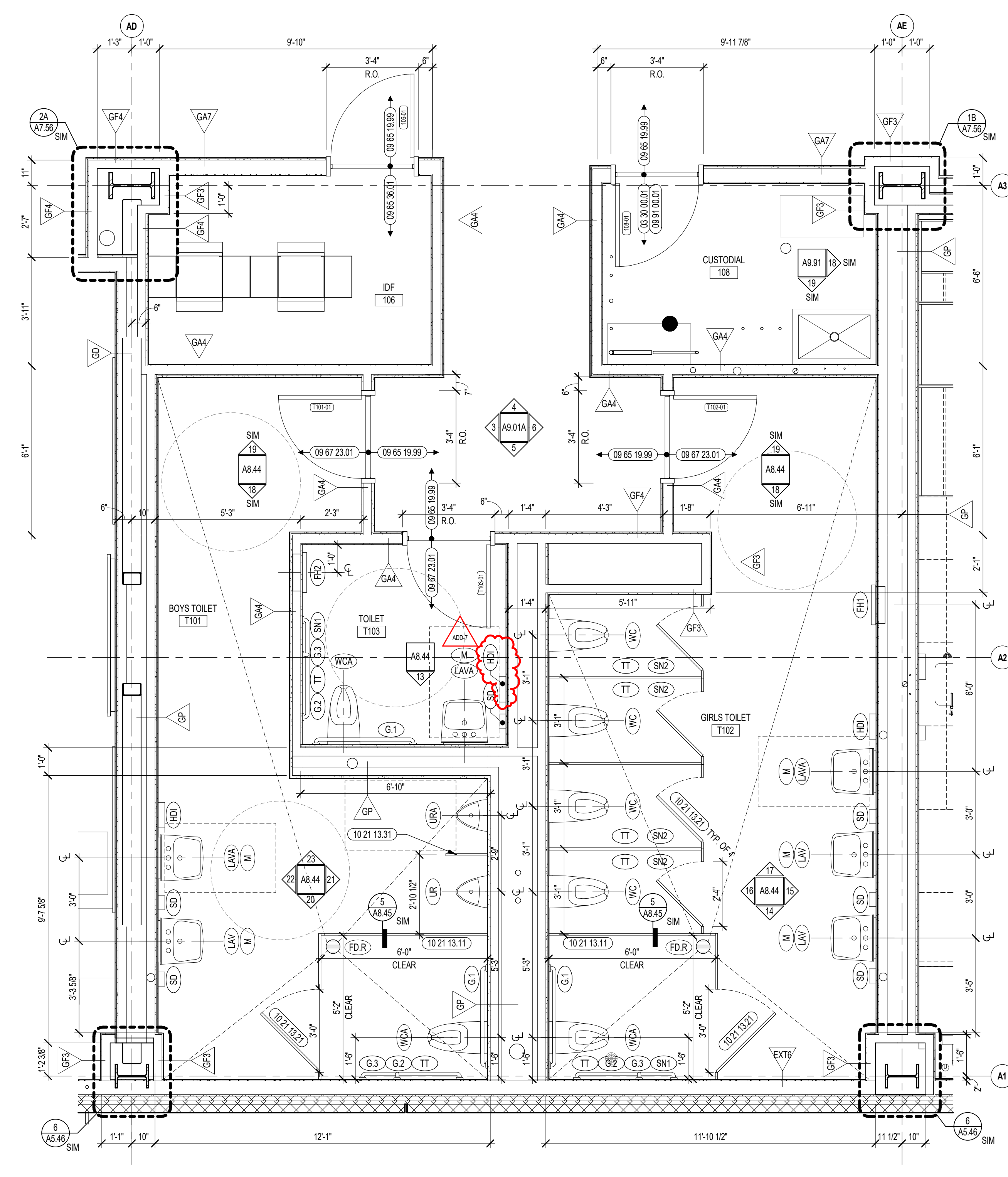
JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

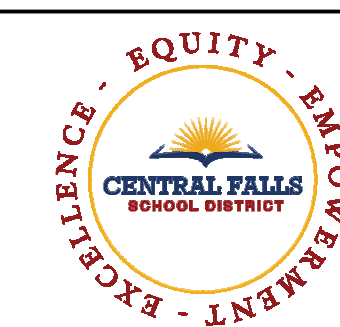
A8.42



2 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0" SIMILAR TO 14017402



1 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

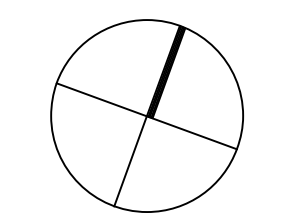
03 30 00.01	CONCRETE
08 65 19.99	RTF - REFERENCE SCHEDULE AND SAMPLE PATTERNS FOR TYPE
08 65 36.01	STATIC-CONTROL COMPOSITE TILE
09 67 23.01	FLUID APPLIED FLOORING - UCF-1
09 91 00.01	PAINT - SEE SCHEDULE
10 21 13.11	TOILET PARTITION - PANEL
10 21 13.21	TOILET COMPARTMENT DOOR - 36 INCH
10 21 13.22	TOILET COMPARTMENT DOOR - 28 INCH
10 21 13.31	URINAL SCREEN
10 44 00.01	FIRE EXTINGUISHER CABINET - FULLY RECESSED
10 44 00.11	FIRE EXTINGUISHER
22 00 00.12	HYDRATION STATION - SEE PLUMBING
22 00 00.25	PIPE CLEANOUT FLOOR COVER - SEE PLUMBING

GENERAL NOTES:
1. REFERENCE SAMPLE WALL CLADDING PATTERN DRAWINGS ON A7 SERIES FOR ADDITIONAL INFORMATION, TYPICAL.
2. NOT ALL POWER & DATA OUTLET SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR LOCATIONS.

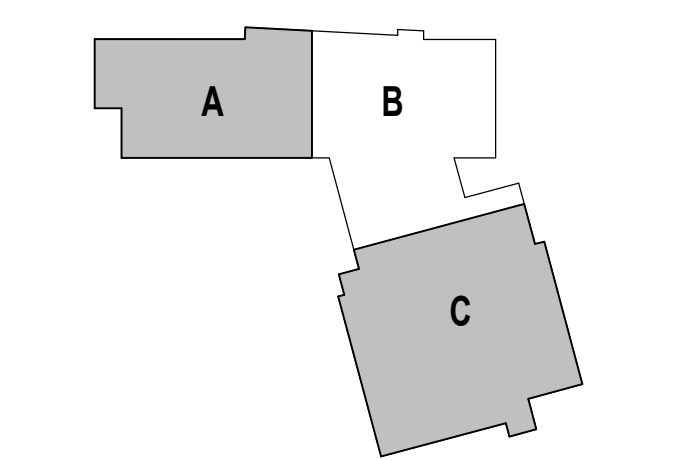
ADD-7 ADDENDUM #7 01.26.2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

ENLARGED TOILET ROOM PLANS

DRAWN BY: CHR / NGA

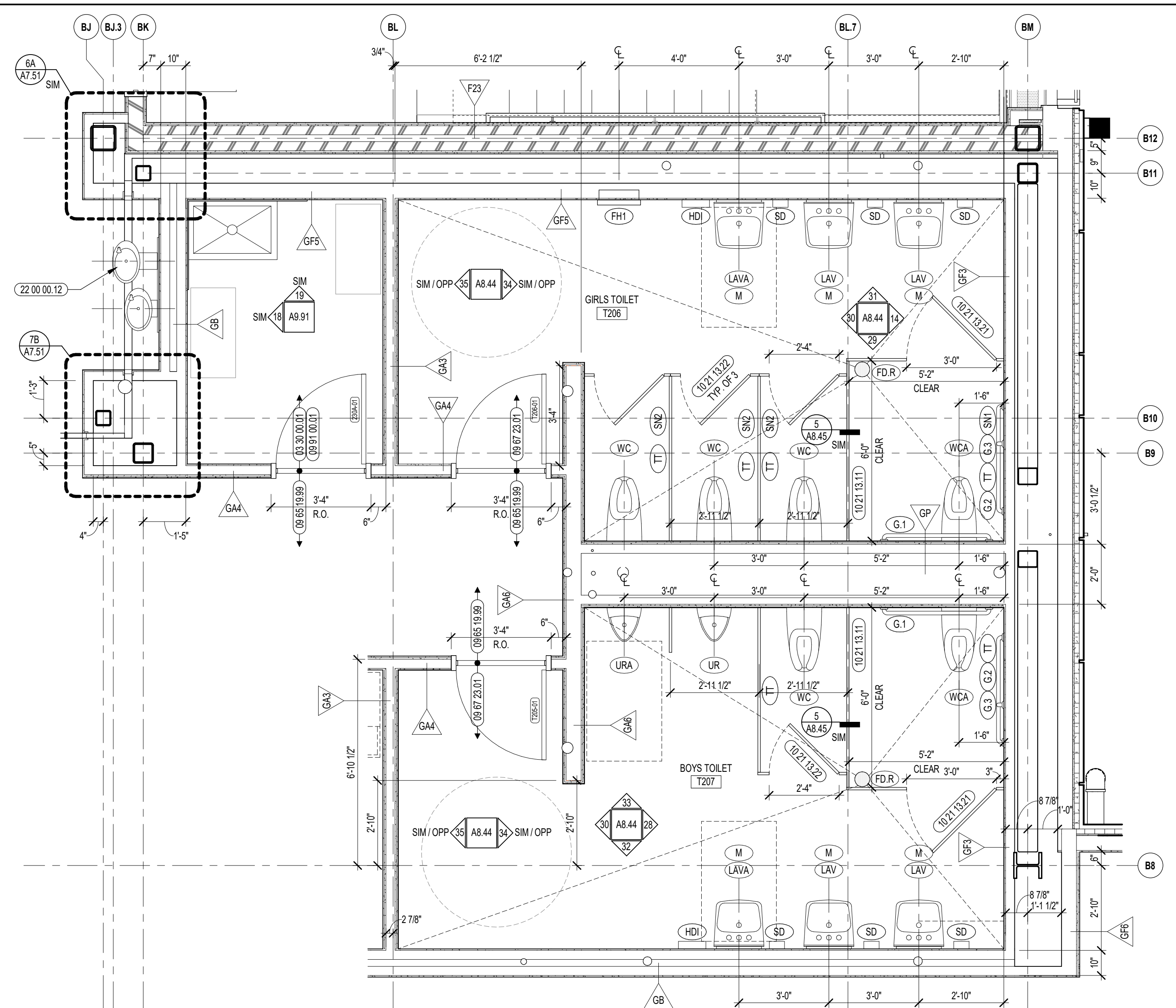
REVIEWED BY: CHR / KK

SCALE: AS INDICATED | DRAWING NUMBER:

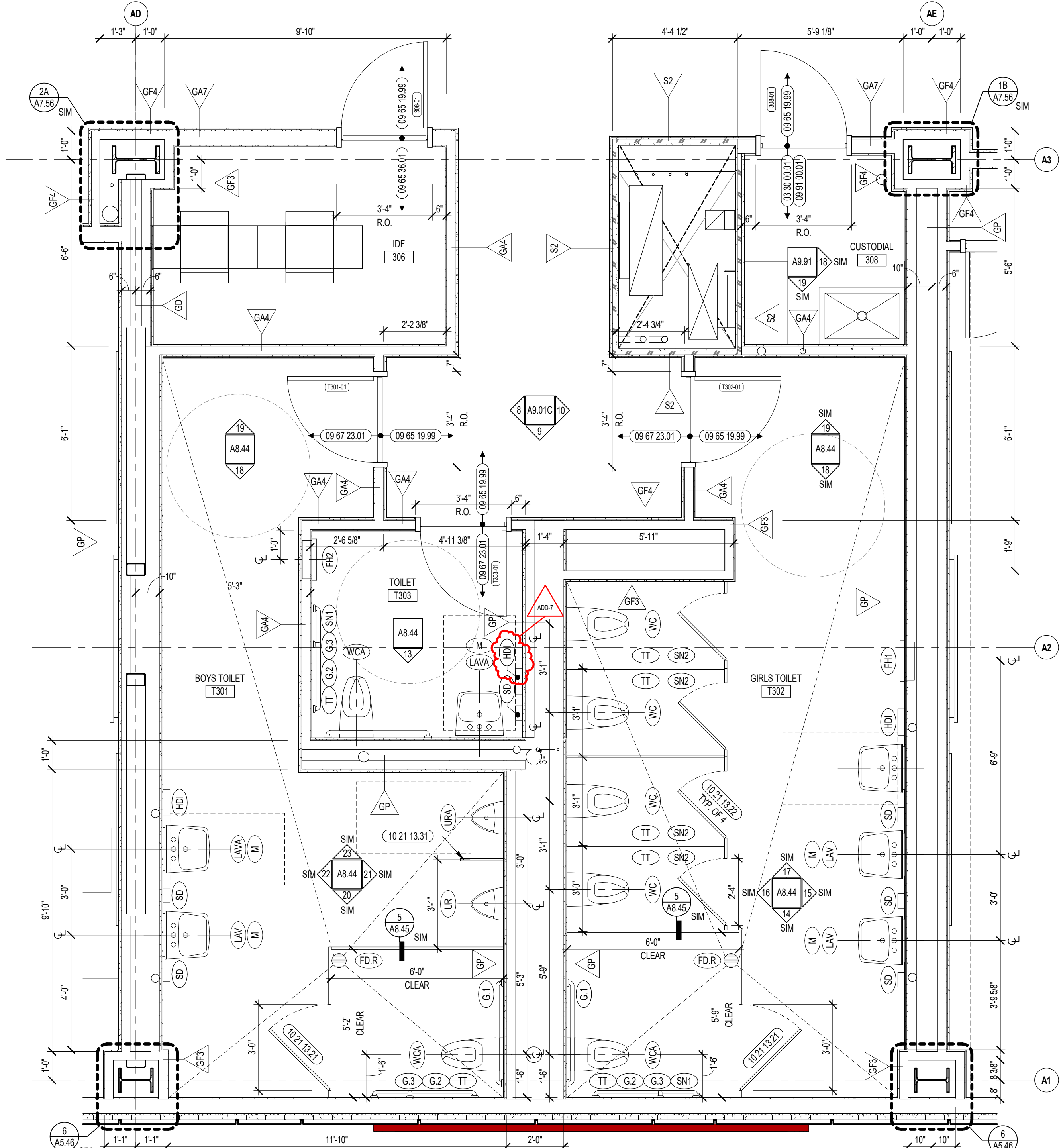
JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

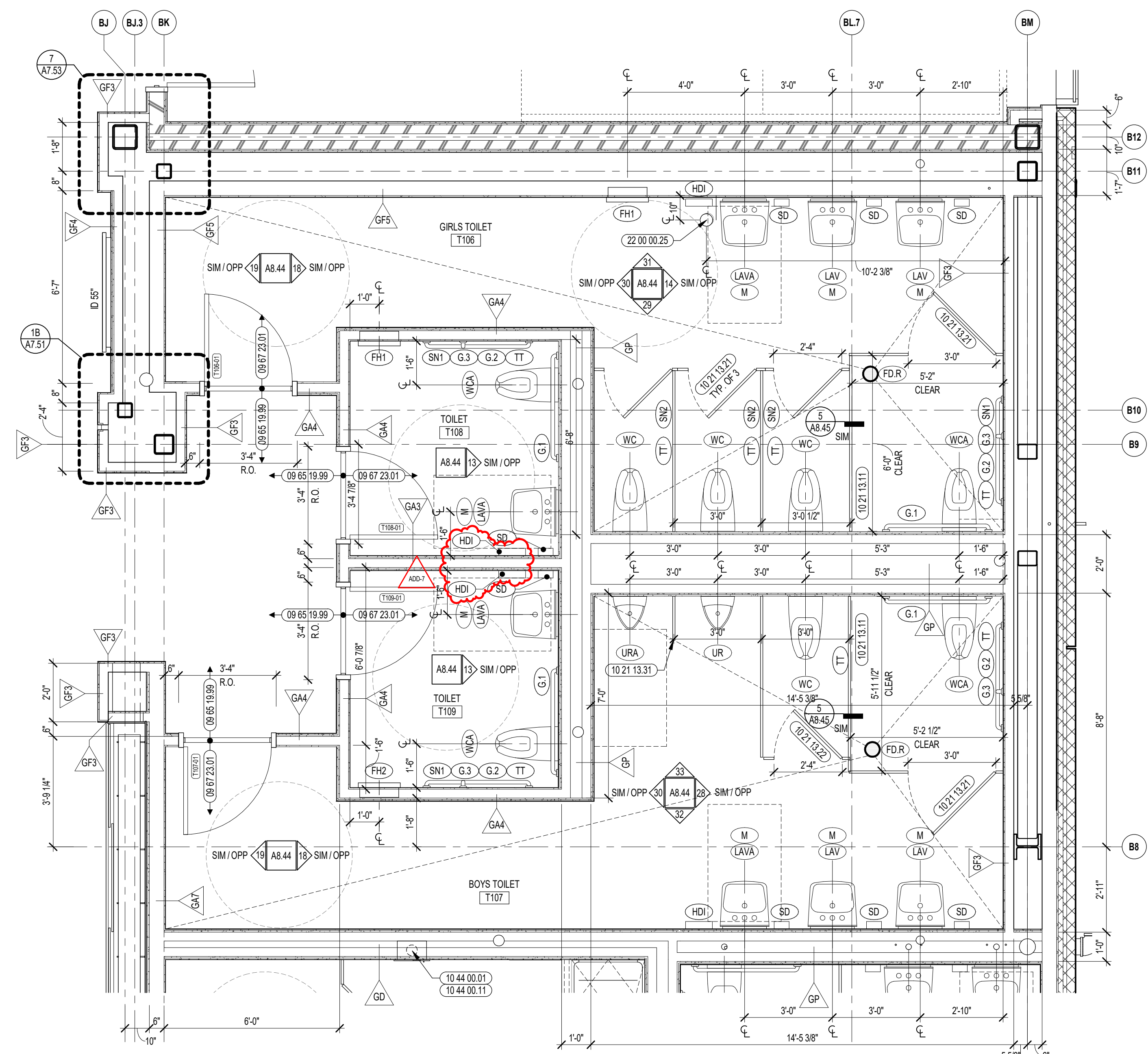
A8.43



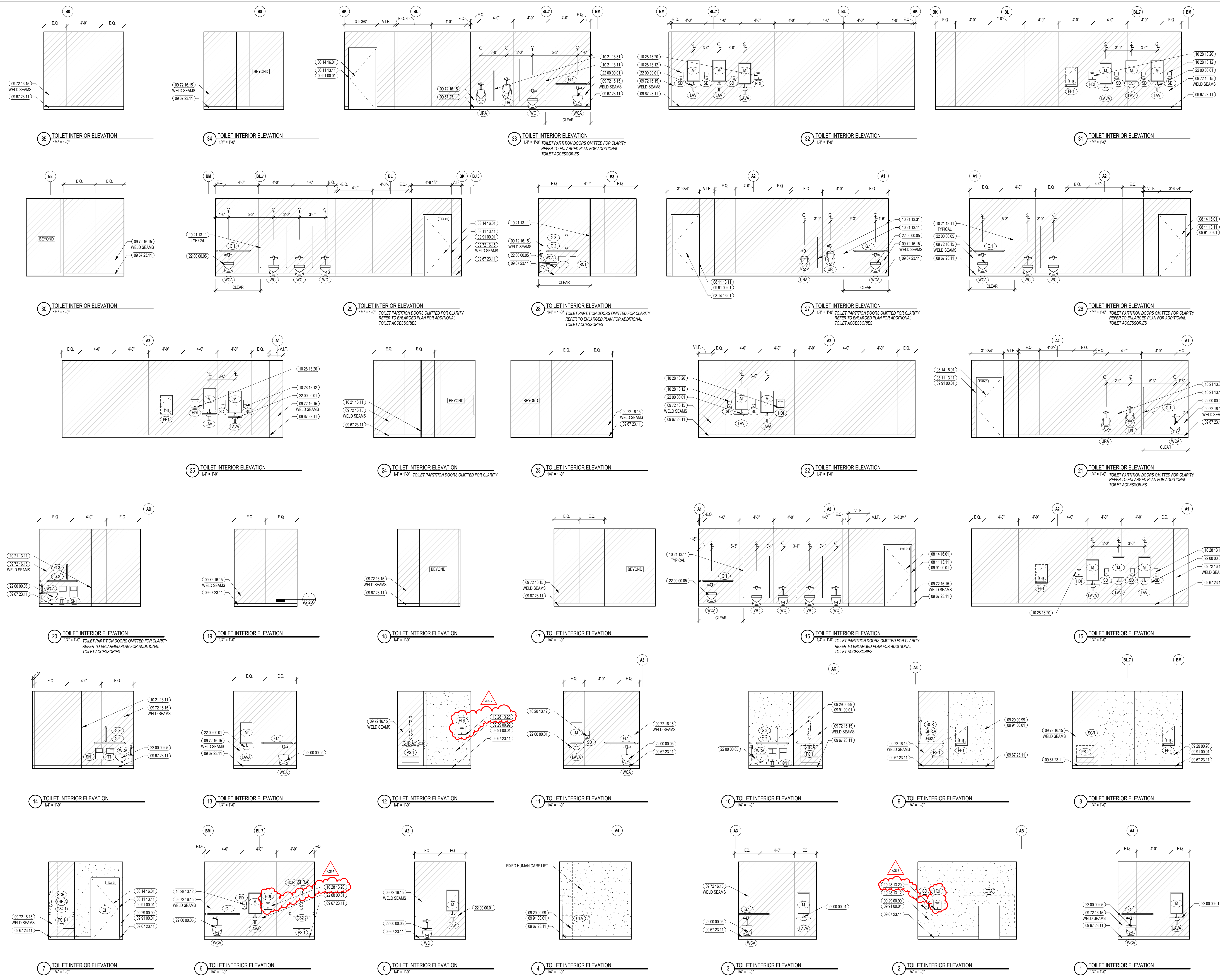
3 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



1 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0"



2 TOILET ROOMS ENLARGED PLAN
3/8" = 1'-0" SIMILAR TO T305/T306



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

08 11 13.11	STEEL FRAME - SEE SCHEDULE FOR TYPES
08 14 16.01	SOLID CORE FLUSH WOOD DOOR - SEE DOOR SCHEDULE
09 29 00.08	GYP/SUM BOARD SYSTEM - LEVEL 5 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS
09 29 00.09	GYP/SUM BOARD SYSTEM - LEVEL 4 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS
09 67 23.11	FLUID APPLIED FLOORING - INTEGRATED COVE BASE
09 72 16.15	VINYL WALL CLADDING - TYPE 5
09 91 00.01	PAINT - SEE SCHEDULE
10 21 13.11	TOILET PARTITION - PANEL
10 21 13.31	URINAL SCREEN
10 28 13.12	SOAP DISPENSER
10 28 13.20	ELECTRIC HAND DRYER
22 00 00.01	SINK - SEE PLUMBING
22 00 00.05	WATER CLOSET - SEE PLUMBING

VINYL WALL CLADDING LEGEND

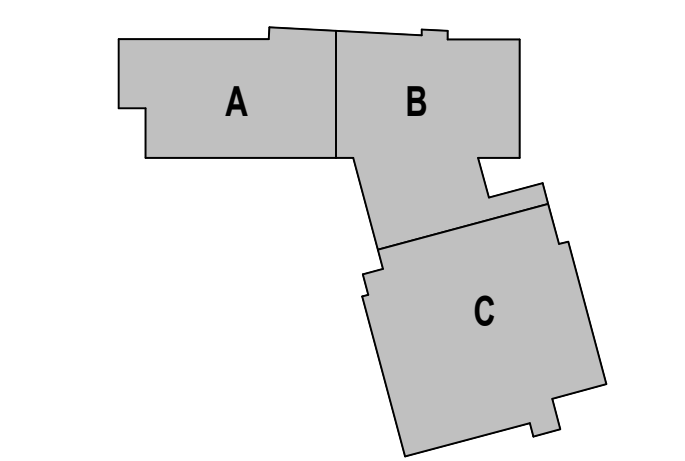
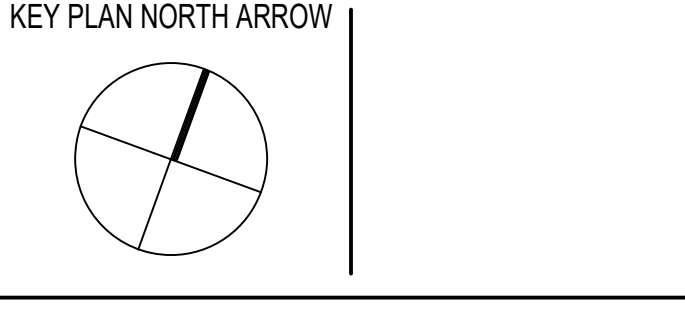
WVCR-1A	[Pattern]
WVCR-1B	[Pattern]
WVCR-1C	[Pattern]
WVCR-1D	[Pattern]

REFER TO A7 SERIES FOR MORE INFORMATION

- GENERAL NOTES:**
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 - NOT ALL POWER & DATA OUTLET SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR LOCATIONS.

ADD-7 ADDENDUM #7 01.26.2024

100% CONSTRUCTION DOCUMENTS



DRAWING NAME:

ENLARGED TOILET ROOM INTERIOR ELEVATIONS

DRAWN BY: CHR / NGA
 REVIEWED BY: CHR / KK
 SCALE: AS INDICATED | DRAWING NUMBER:
 JOB NO.: 2202.02 | **A8.44**
 DATE: OCTOBER 13, 2023



KEYNOTE LEGEND:

- 03 30 00 01 CONCRETE
- 08 20 00 07 HARDWOOD MILL - TRANSPARENT FINISH
- 08 11 13 11 STEEL FRAME - SEE SCHEDULE FOR TYPES
- 08 14 16 01 SOLID CORE FLUSH WOOD DOOR - SEE DOOR SCHEDULE
- 09 51 00 12 ACCESS PANEL - FIRE RATED
- 08 43 13 01 ALUMINUM STOREFRONT FRAME
- 09 21 16 32 GYPSUM BOARD - 5/8 INCH TYPE X - 2 LAYERS
- 09 29 00 98 GYPSUM BOARD SYSTEM - LEVEL 5 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS
- 09 29 00 99 GYPSUM BOARD SYSTEM - LEVEL 4 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS
- 09 65 13 01 RUBBER BASE - 4 INCH
- 09 67 23 01 FLUID APPLIED FLOORING - UIC-1
- 09 67 23 11 FLUID APPLIED FLOORING - INTEGRATED COVE BASE
- 09 72 16 15 VINYL WALL CLADDING - TYPE 5
- 09 91 00 01 PAINT - SEE SCHEDULE
- 10 21 13 11 TOILET PARTITION - PANEL
- 10 21 13 21 TOILET COMPARTMENT DOOR - 36 INCH
- 10 21 13 22 TOILET COMPARTMENT DOOR - 28 INCH
- 10 21 13 31 URINAL SCREEN
- 10 44 00 01 FIRE EXTINGUISHER CABINET - FULLY RECESSED
- 10 44 00 11 FIRE EXTINGUISHER
- 10 51 13 01 METAL LOCKER - SLOPED TOP - TYPE 1
- 10 51 13 02 METAL LOCKER - SLOPED TOP - TYPE 2
- 10 51 13 03 METAL LOCKER - SLOPED TOP - TYPE 3
- 10 51 13 11 LOCKER ROOM BENCH
- 10 51 13 12 LOCKER ROOM BENCH - ADA
- 22 00 00 12 HYDRATION STATION - SEE PLUMBING
- 22 00 00 21 FLOOR DRAIN - SEE PLUMBING
- 27 50 00 11 CLOCK - SEE TECHNOLOGY

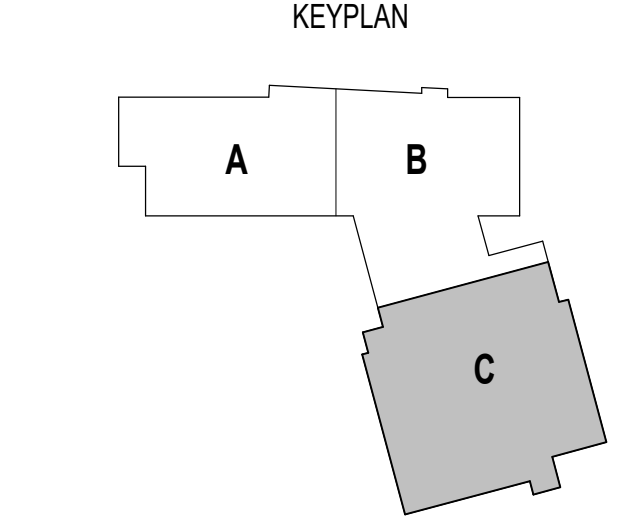
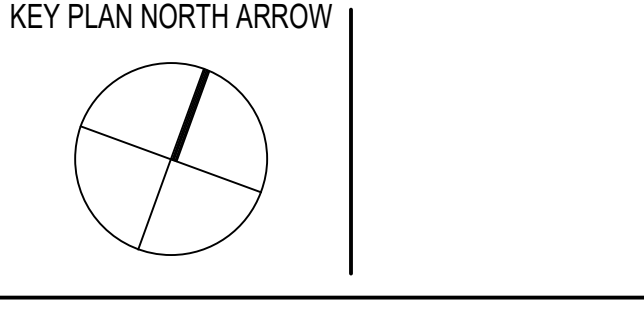
VINYL WALL CLADDING LEGEND	
WVCR-1A	
WVCR-1B	
WVCR-1C	
WVCR-1D	

REFER TO A7 SERIES FOR MORE INFORMATION

- GENERAL NOTES:**
- REFERENCE SAMPLE WALL CLADDING PATTERN DRAWINGS ON A7 SERIES FOR ADDITIONAL INFORMATION, TYPICAL.
 - NOT ALL POWER & DATA OUTLET SWITCHING LOCATIONS SHOWN. COORDINATE WITH ELECTRICAL AND TECHNOLOGY DRAWINGS FOR LOCATIONS.

ADD-7 ADDENDUM #7 01.26.2024

100% CONSTRUCTION DOCUMENTS



DRAWING NAME:

ENLARGED LOCKER ROOM PLANS & INTERIOR ELEVATIONS

DRAWN BY: CHR / BFC

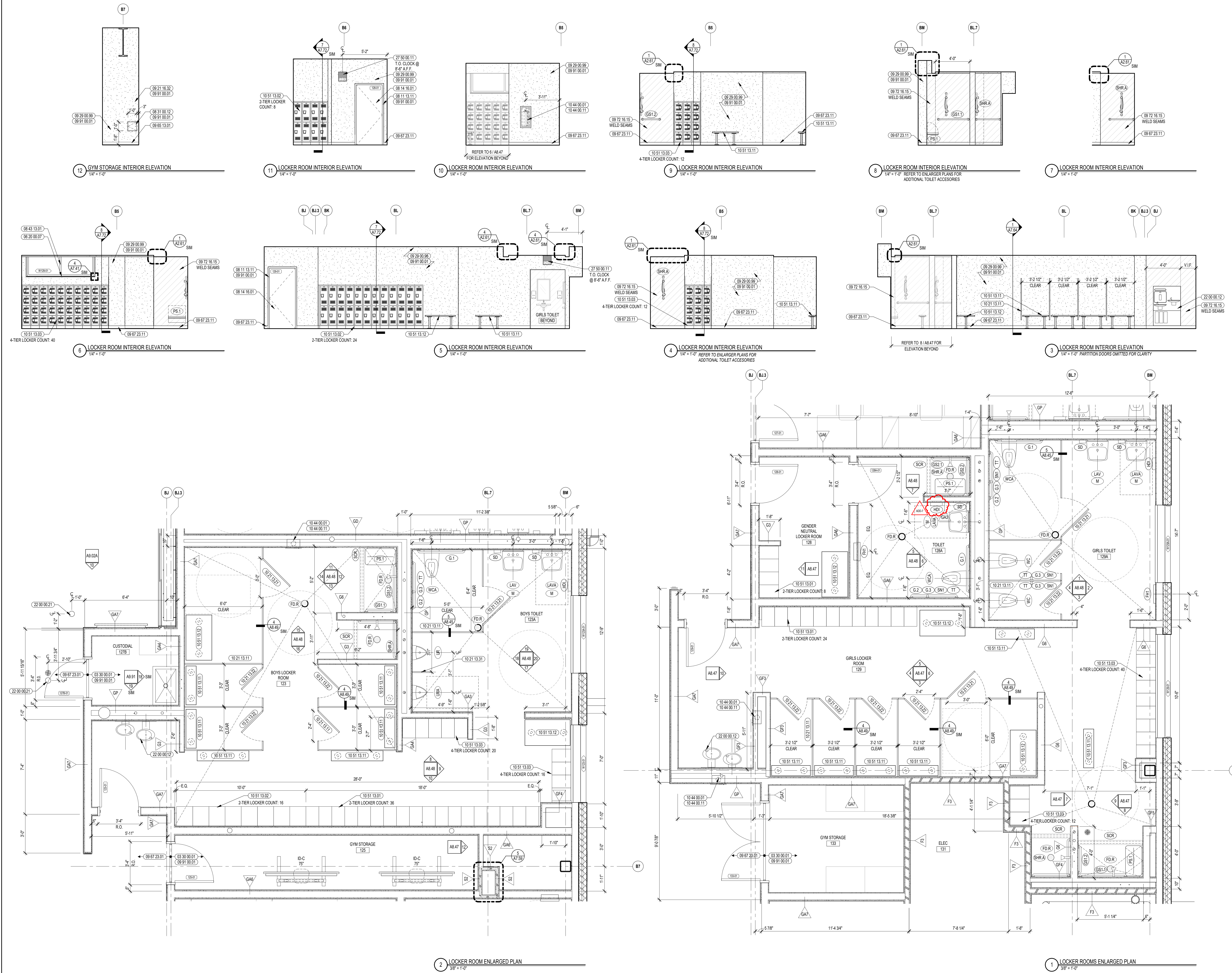
REVIEWED BY: CHR / KK

SCALE: AS INDICATED | DRAWING NUMBER:

JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

A8.47



2 LOCKER ROOM ENLARGED PLAN
3/8" = 1'-0"

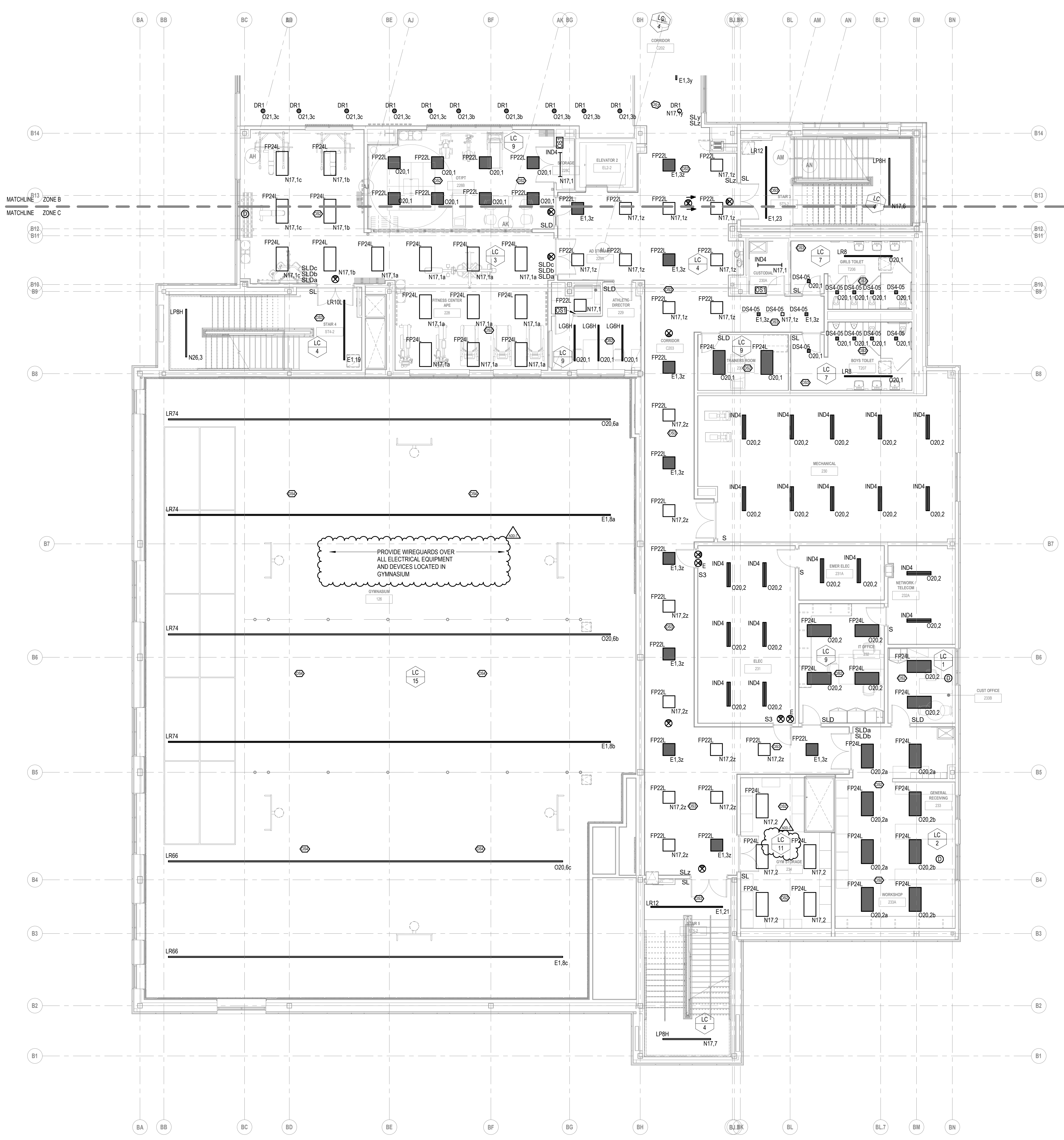
1 LOCKER ROOMS ENLARGED PLAN
3/8" = 1'-0"

277V480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

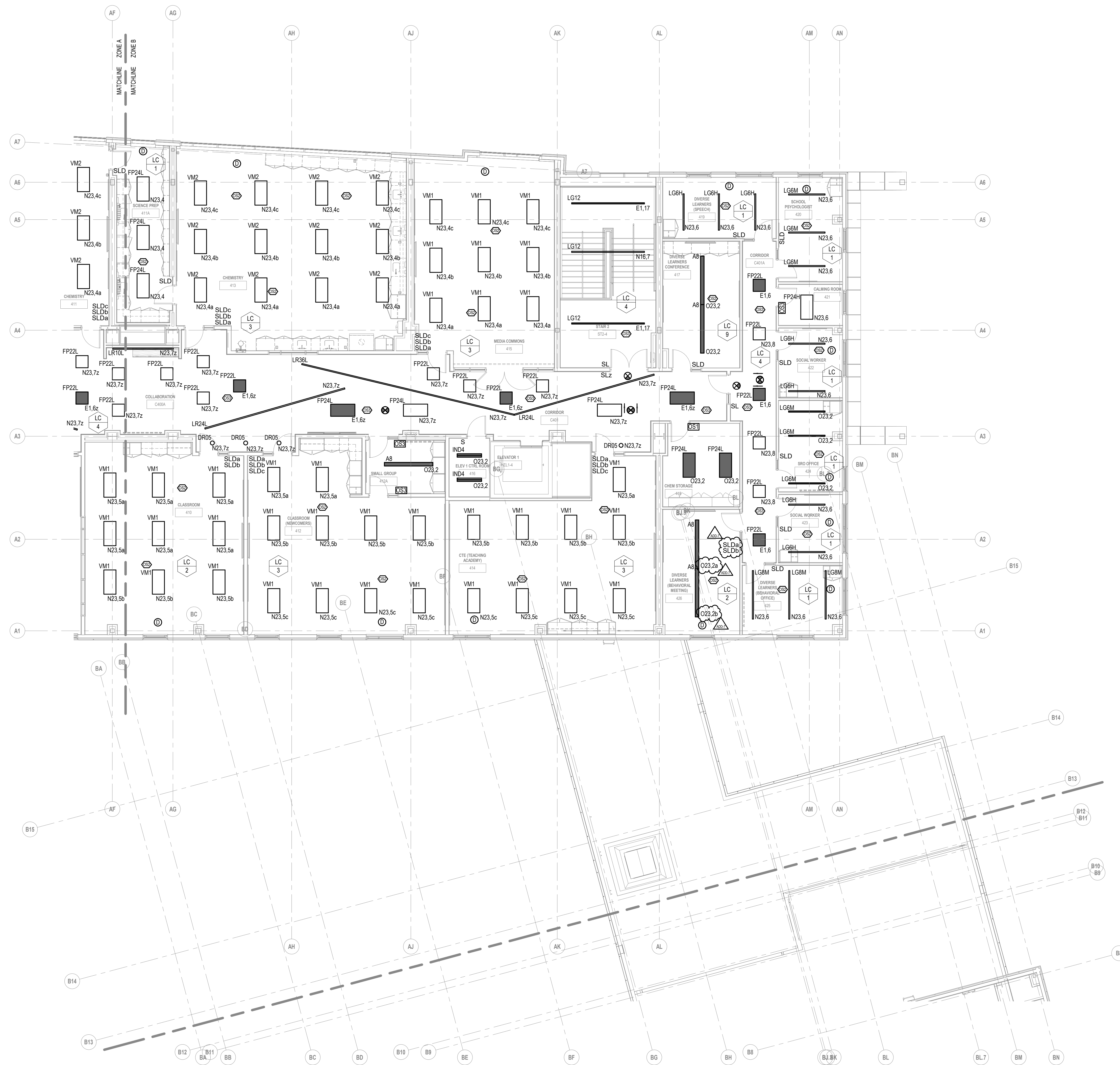
208Y120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



277V480V PANEL KEY SCHEDULE		
KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y120V PANEL KEY SCHEDULE		
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



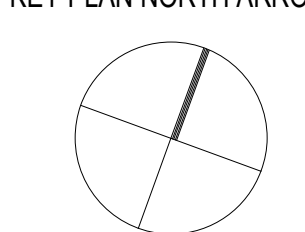
1 FOURTH FLOOR LIGHTING PLAN - ZONE B
1/8" = 1'-0"

KEYNOTE LEGEND:

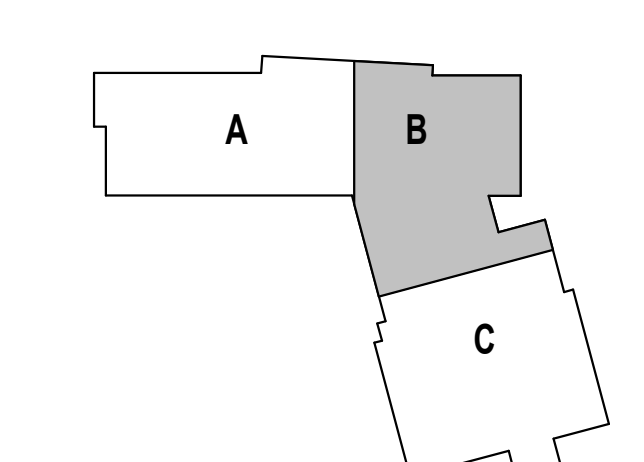
ADD-7 ADDENDUM 7 1/26/2024
ADD-6 ADDENDUM 6 1/23/2024
ADD-3 ADDENDUM 3 1/9/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
FOURTH FLOOR
LIGHTING PLAN -
ZONE B**

DRAWN BY: RBC/JAJ

REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:

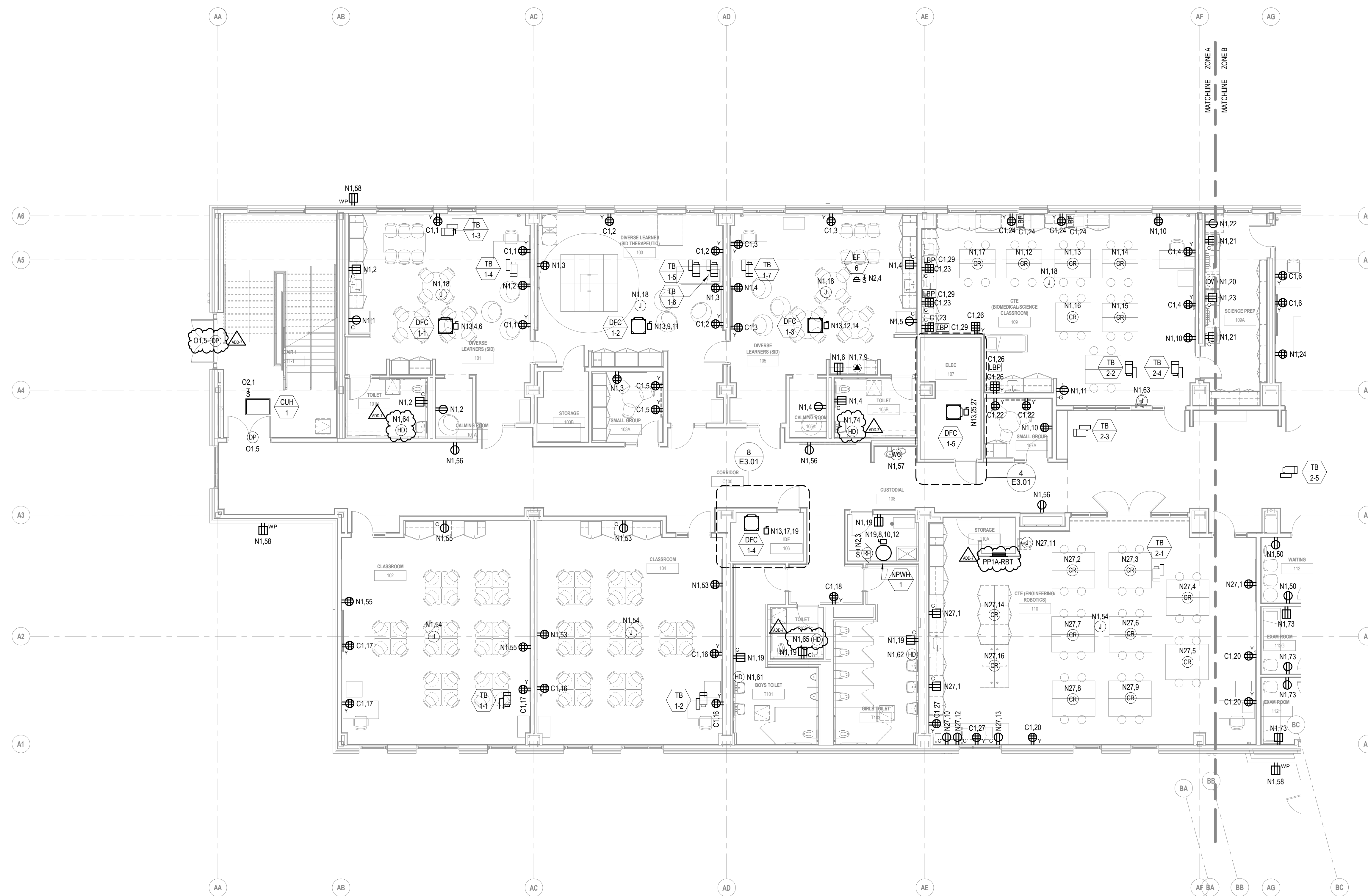
JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

E1.14B

277V/480V PANEL KEY SCHEDULE		
KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

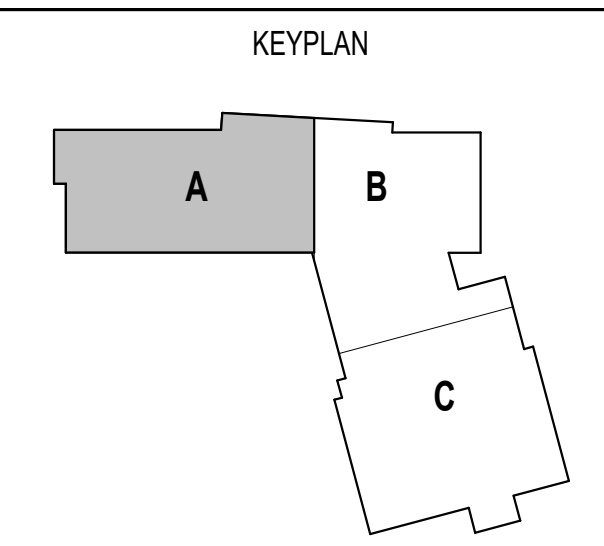
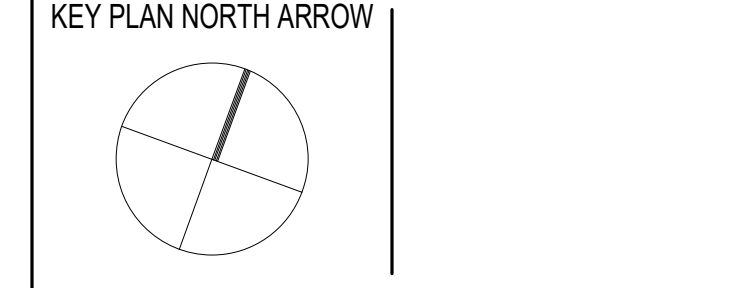
208Y/120V PANEL KEY SCHEDULE		
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



GENERAL NOTES:
1. ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N2.1.

ADD-7 ADDENDUM 7 1/26/2024
ADD-6 ADDENDUM 6 1/23/2024

100% CONSTRUCTION DOCUMENTS

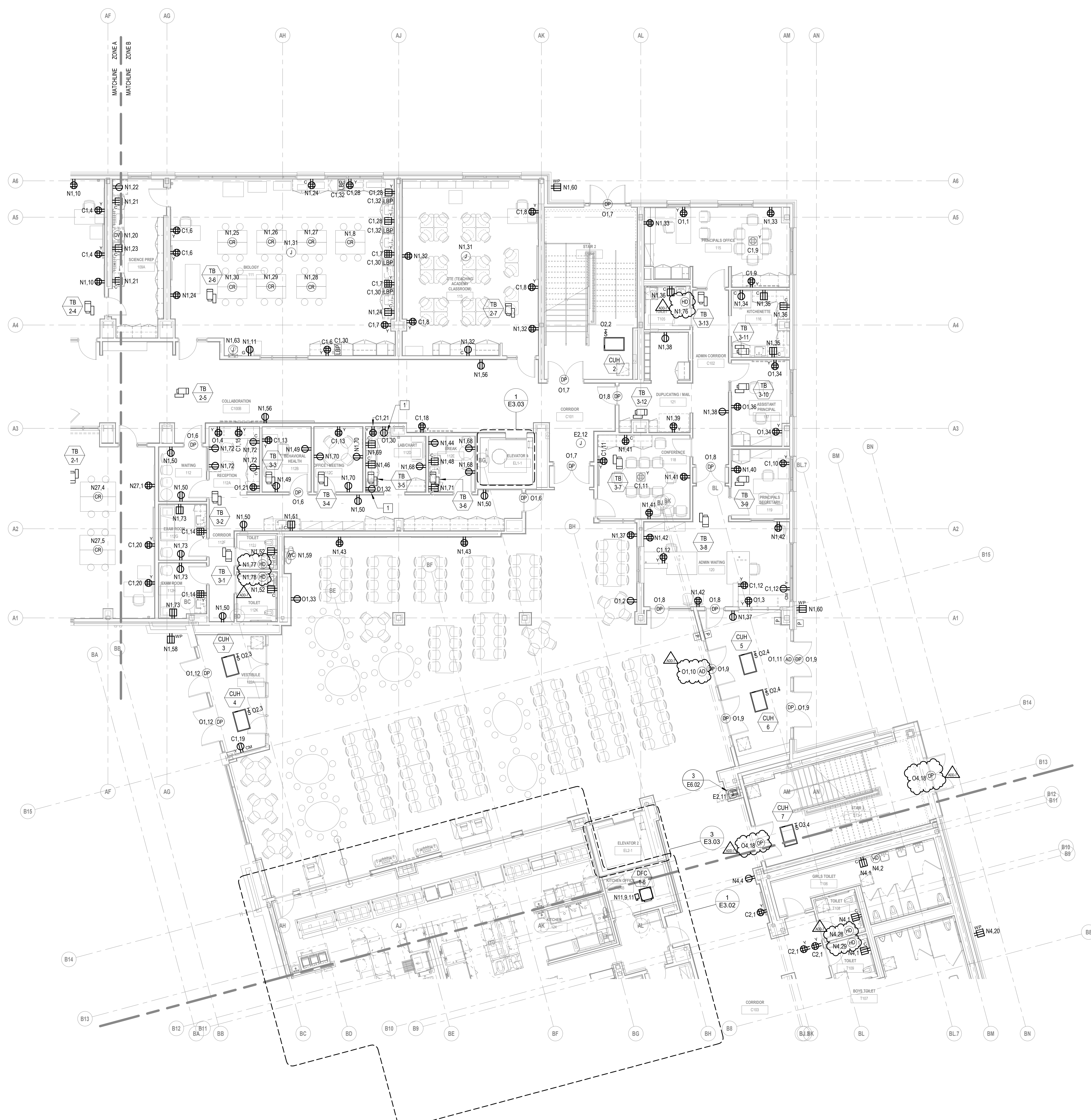


DRAWING NAME:
**ELECTRICAL
FIRST FLOOR
POWER PLAN -
ZONE A**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.11A**

1 FIRST FLOOR POWER PLAN - ZONE A
1/8" = 1'-0"



277V480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP2C-M	OPTIONAL STANDBY
O13	OP2C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

111 Speen Street, Suite 300
508.358.0790
Framingham, MA 01701
www.ni3architects.com

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508-295-0003 (F)
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10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

1 PROVIDE TAMPER-RESISTANT HOSPITAL GRADE TYPE RECEPTACLE AT THIS LOCATION.

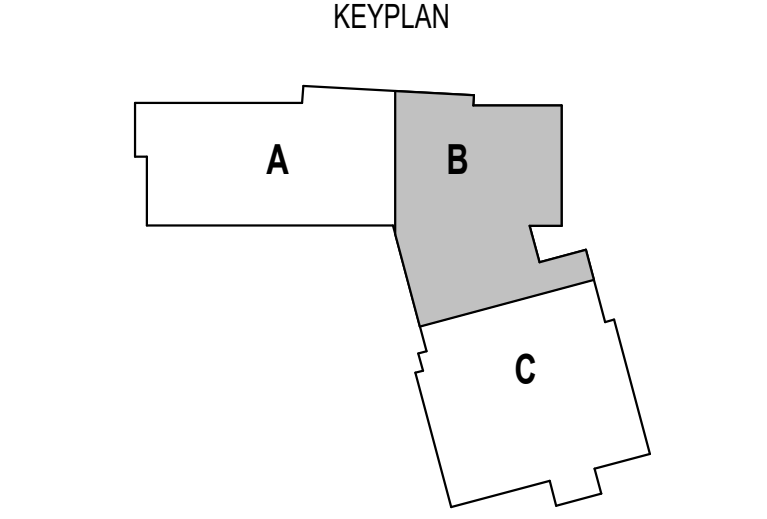
GENERAL NOTES:

1. ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N2.2.

ADD-7 ADDENDUM 7 1/26/2024
ADD-6 ADDENDUM 6 1/23/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW

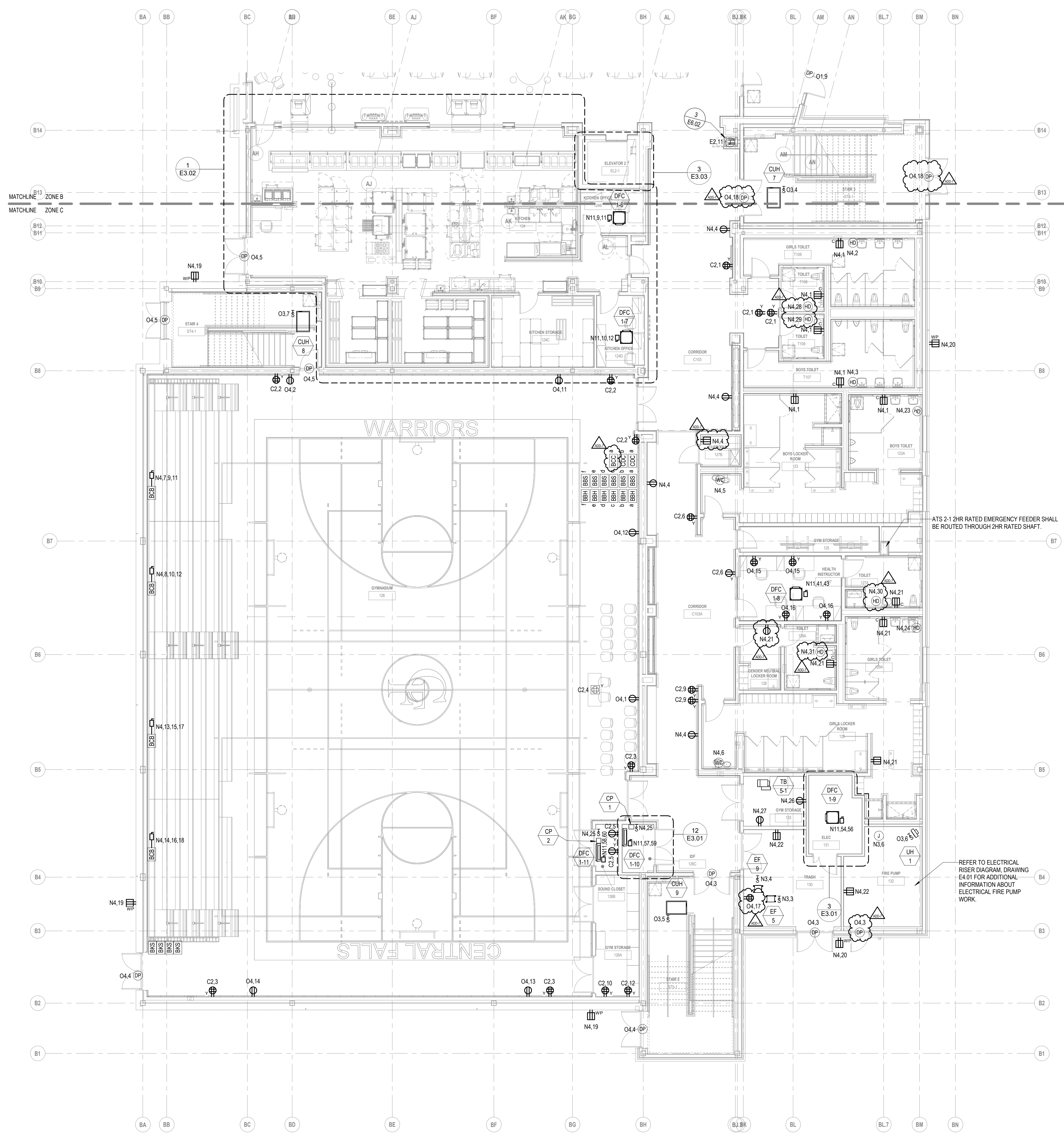


DRAWING NAME:
**ELECTRICAL
FIRST FLOOR
POWER PLAN -
ZONE B**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.11B**

1 FIRST FLOOR POWER PLAN - ZONE B
1/8" = 1'-0"



277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

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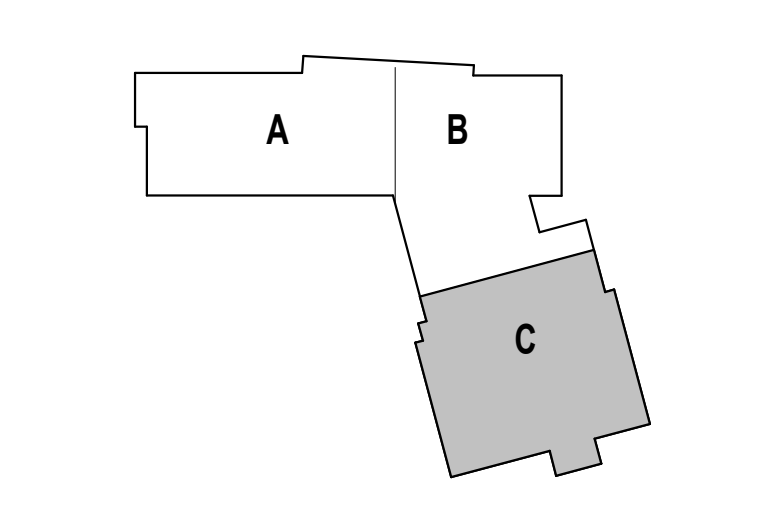
CENTRAL FALLS SCHOOL DISTRICT
 CENTRAL FALLS HIGH SCHOOL
 10 HIGGINSON AVE, CENTRAL FALLS, RI

GENERAL NOTES:
 1. ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N3.2.

ADD-7 ADDENDUM 7 1/26/2024
 ADD-6 ADDENDUM 6 1/23/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



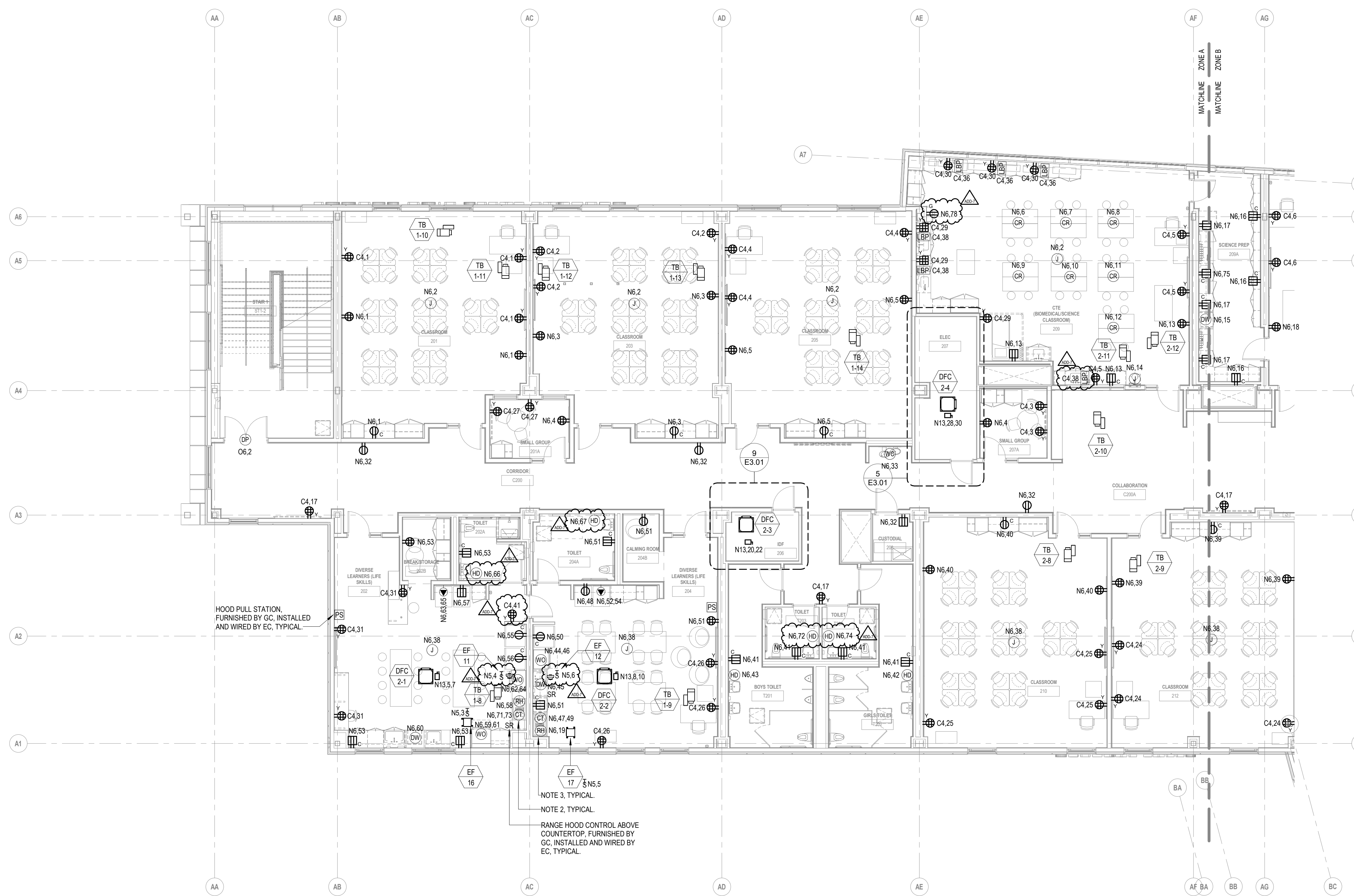
DRAWING NAME:
ELECTRICAL FIRST FLOOR POWER PLAN - ZONE C

DRAWN BY: RBC/JAJ
 REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
 JOB NO.: 2202.02
 DATE: OCTOBER 13, 2023

E2.11C

1 FIRST FLOOR POWER PLAN - ZONE C



1 SECOND FLOOR POWER PLAN - ZONE A
18' x 12'

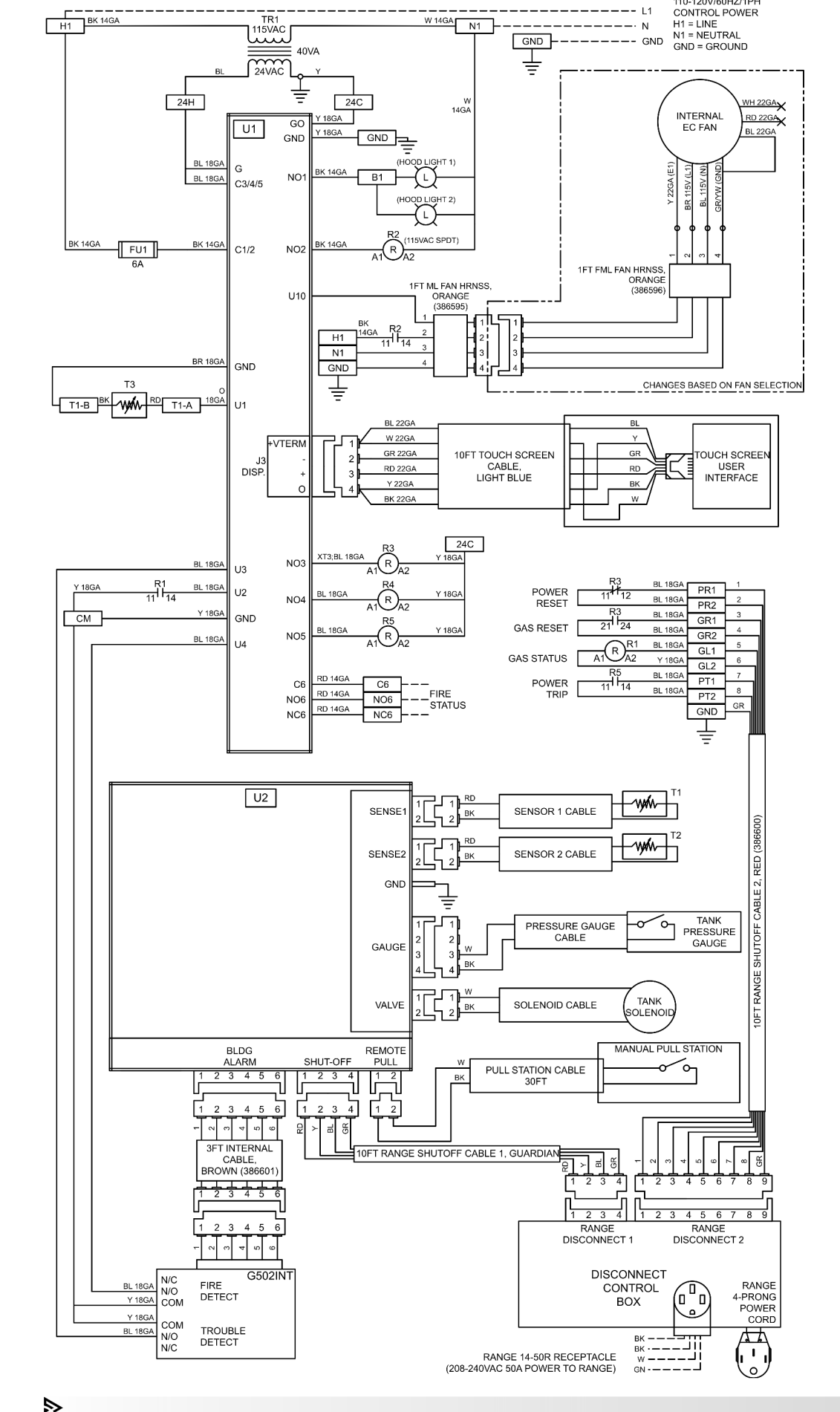
277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

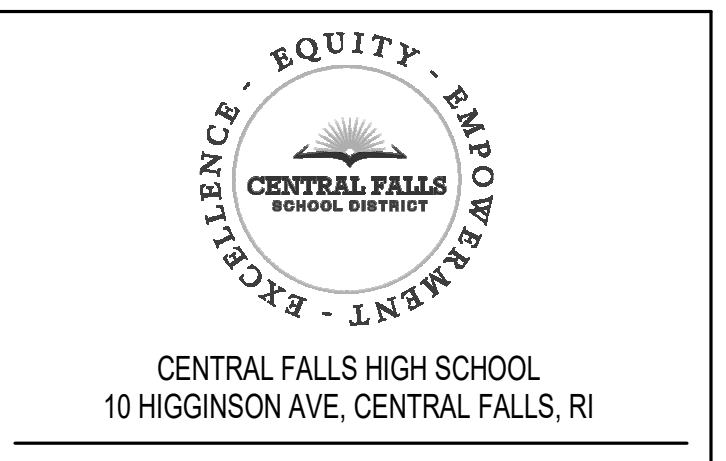
208Y/120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
O6	OP3A	NORMAL
O7	OP3C	NORMAL
O8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	KP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

Wiring Diagram: Electric Disconnect



2 RANGE EXHAUST HOOD WIRING DIAGRAM
Scale: N.T.S.

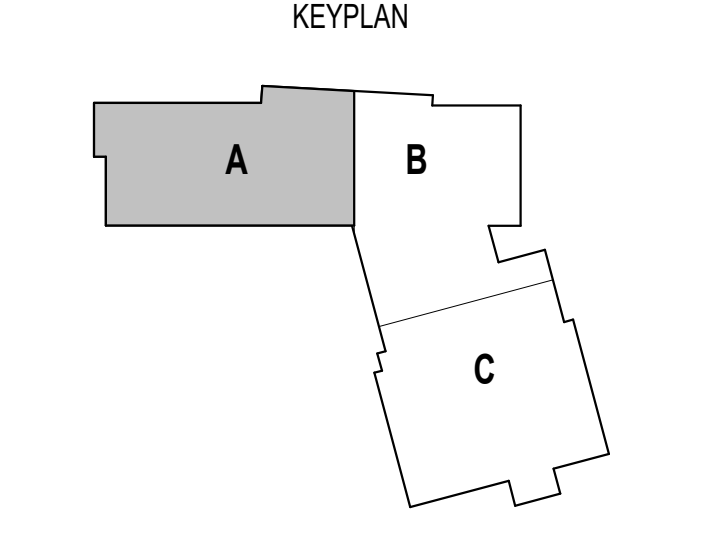
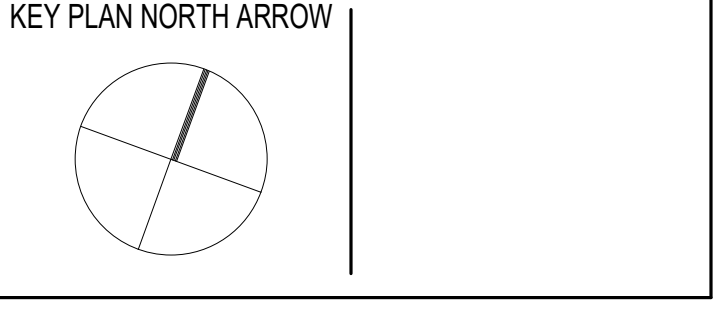


GENERAL NOTES:

- ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N6.1.
- RANGE EXHAUST HOOD SHALL BE WIRED SO THAT WHEN THE FIRE SUPPRESSION SYSTEM IS ACTIVATED THE ELECTRIC SUPPLY TO THE COOKTOP LOCATED BELOW THE RANGE EXHAUST HOOD SHALL BE DISCONNECTED AND THE FIRE ALARM SYSTEM SHALL GO INTO ALARM. PROVIDE 2#12 - 12" C. TO PANEL PP2A-R TO ACTIVATE SHUNT TRIP CIRCUIT BREAKER.
- PROVIDE WIRING IN 1" C. FROM RANGE EXHAUST HOOD TO ALL ACCESSORIES AS INDICATED ON RANGE EXHAUST HOOD WIRING DIAGRAM.

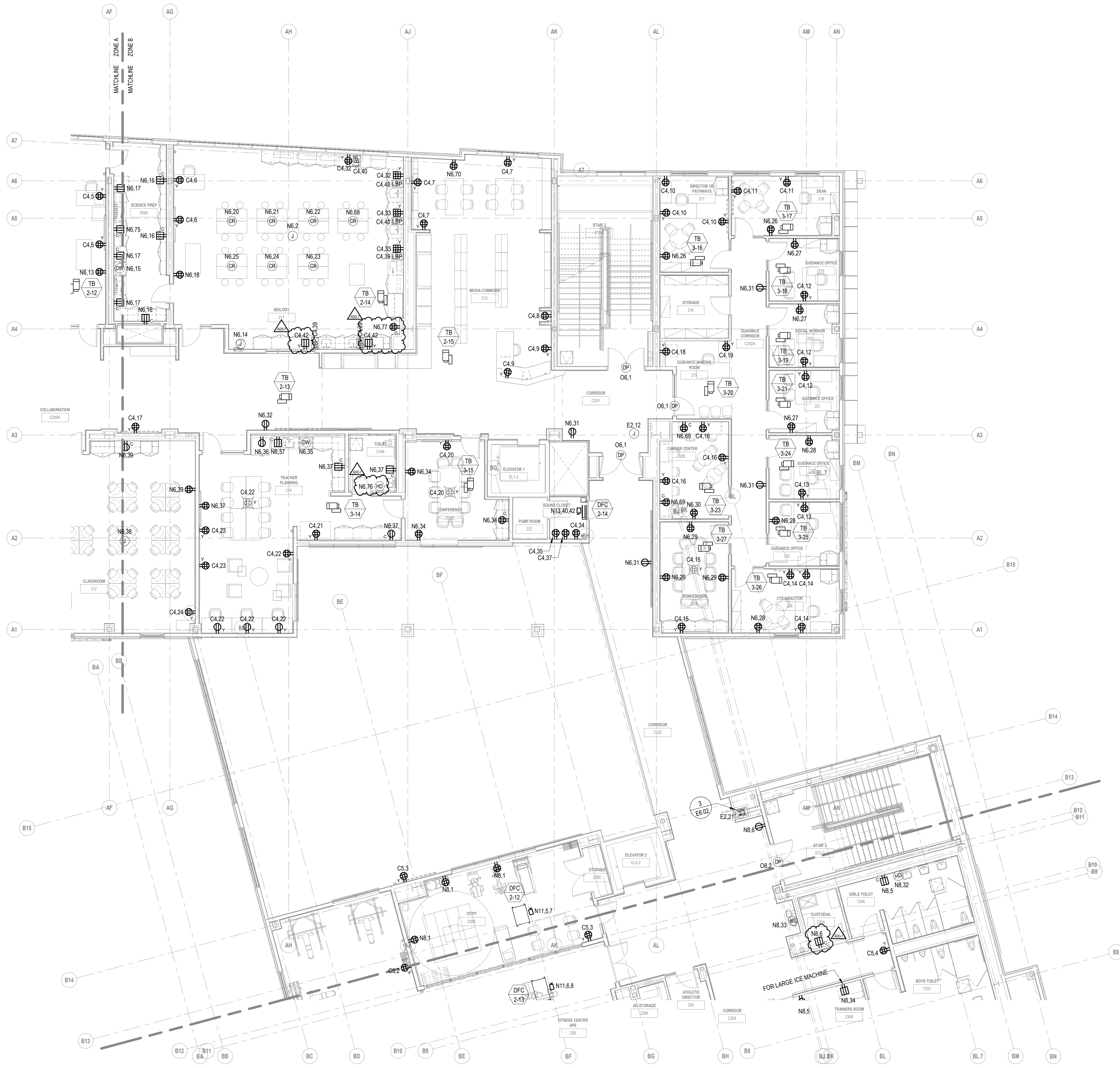
ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS



DRAWING NAME:
**ELECTRICAL
SECOND FLOOR
POWER PLAN -
ZONE A**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.12A**



277V480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP2C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

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12 Kendrick Road
Wareham, MA 02571
508-295-0050 (T)
508-295-0003 (F)
www.griffithandvary.com

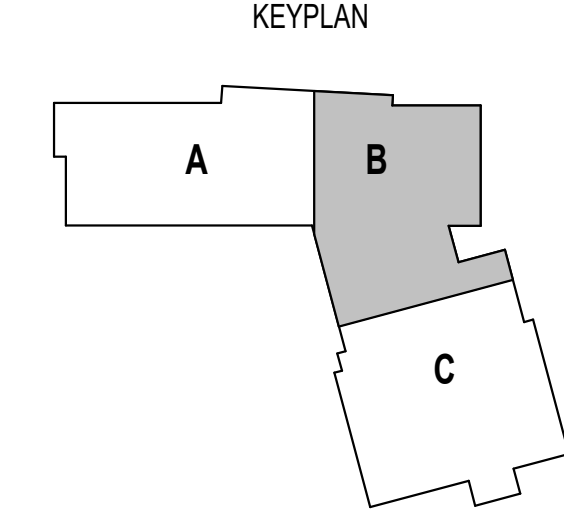
CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

GENERAL NOTES:
1. ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N6.2.

ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



1 SECOND FLOOR POWER PLAN - ZONE B
1/8" = 1'-0"

DRAWING NAME:
**ELECTRICAL
SECOND FLOOR
POWER PLAN -
ZONE B**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

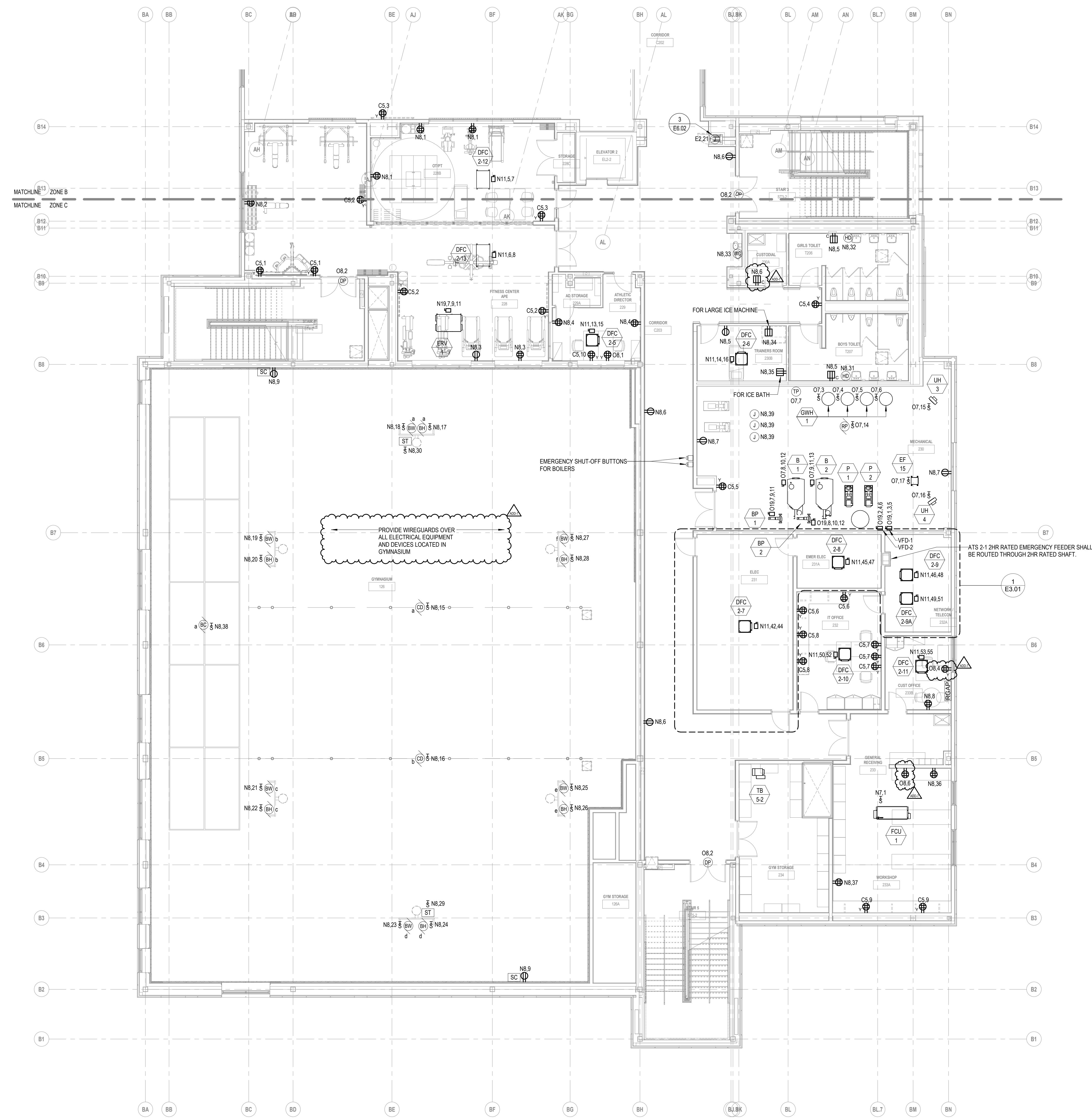
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.12B**

277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
O6	OP3A	NORMAL
O7	OP3C	NORMAL
O8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

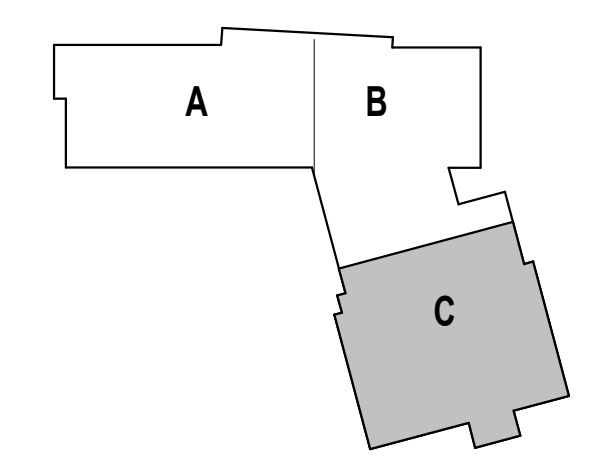


1 SECOND FLOOR POWER PLAN - ZONE C
1/8" = 1'-0"

ADD-7 ADDENDUM 7 1/26/2024
ADD-6 ADDENDUM 6 1/23/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



DRAWING NAME:
**ELECTRICAL
SECOND FLOOR
POWER PLAN -
ZONE C**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

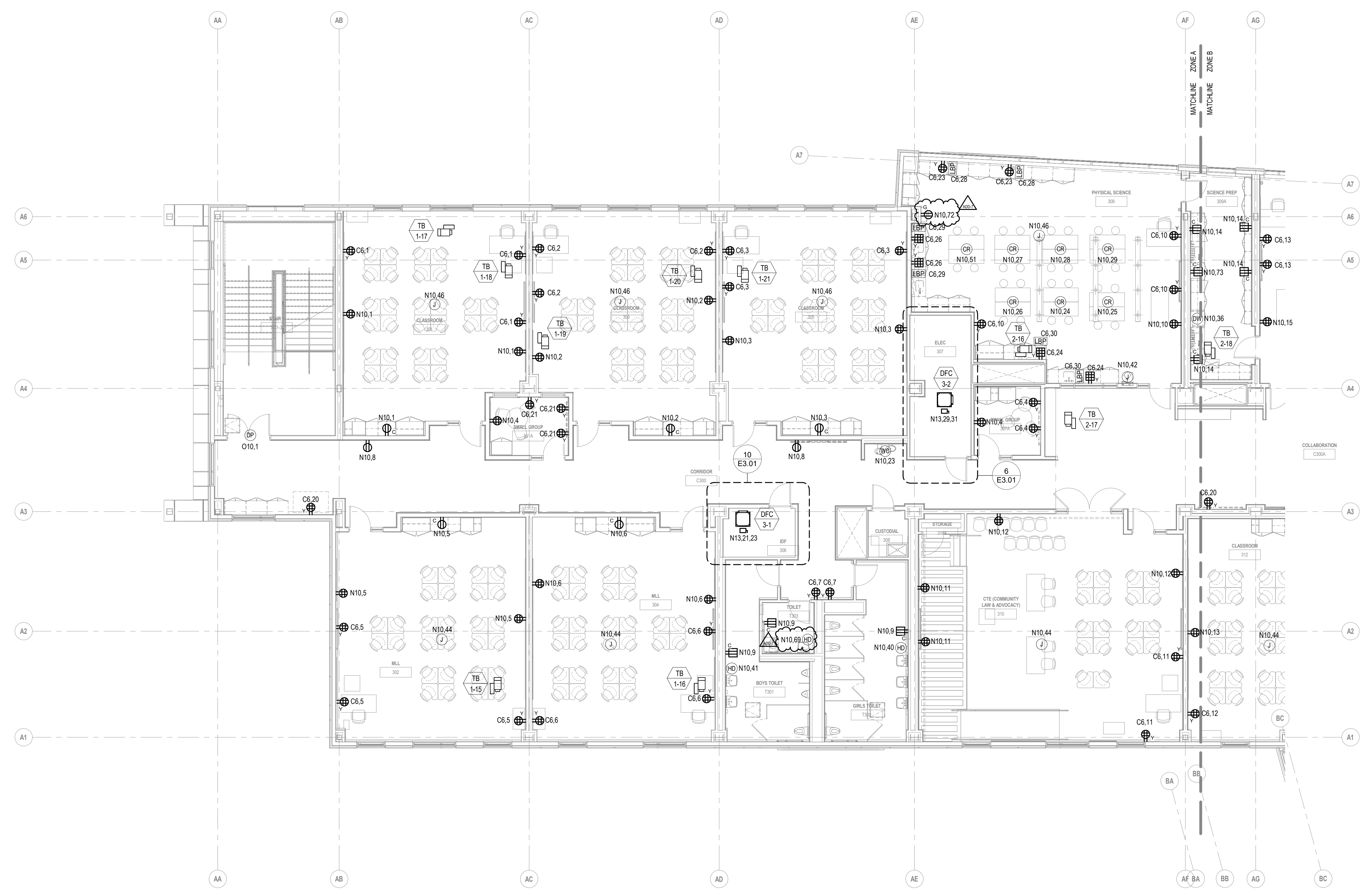
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.12C**

277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	KP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

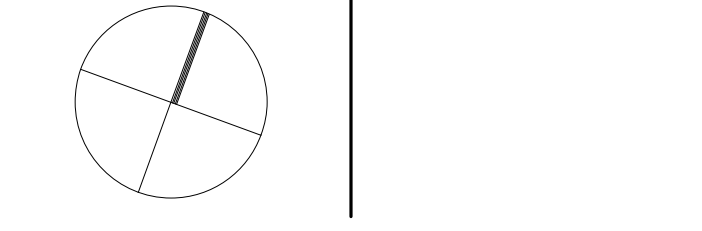


1 THIRD FLOOR POWER PLAN - ZONE A
1/8" = 1'-0"

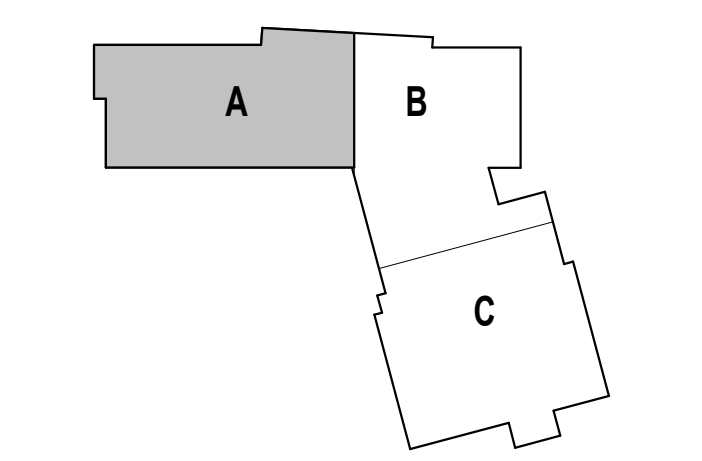
ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
THIRD FLOOR
POWER PLAN -
ZONE A**

DRAWN BY: RBC/JAJ

REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:

JOB NO.: 2202.02

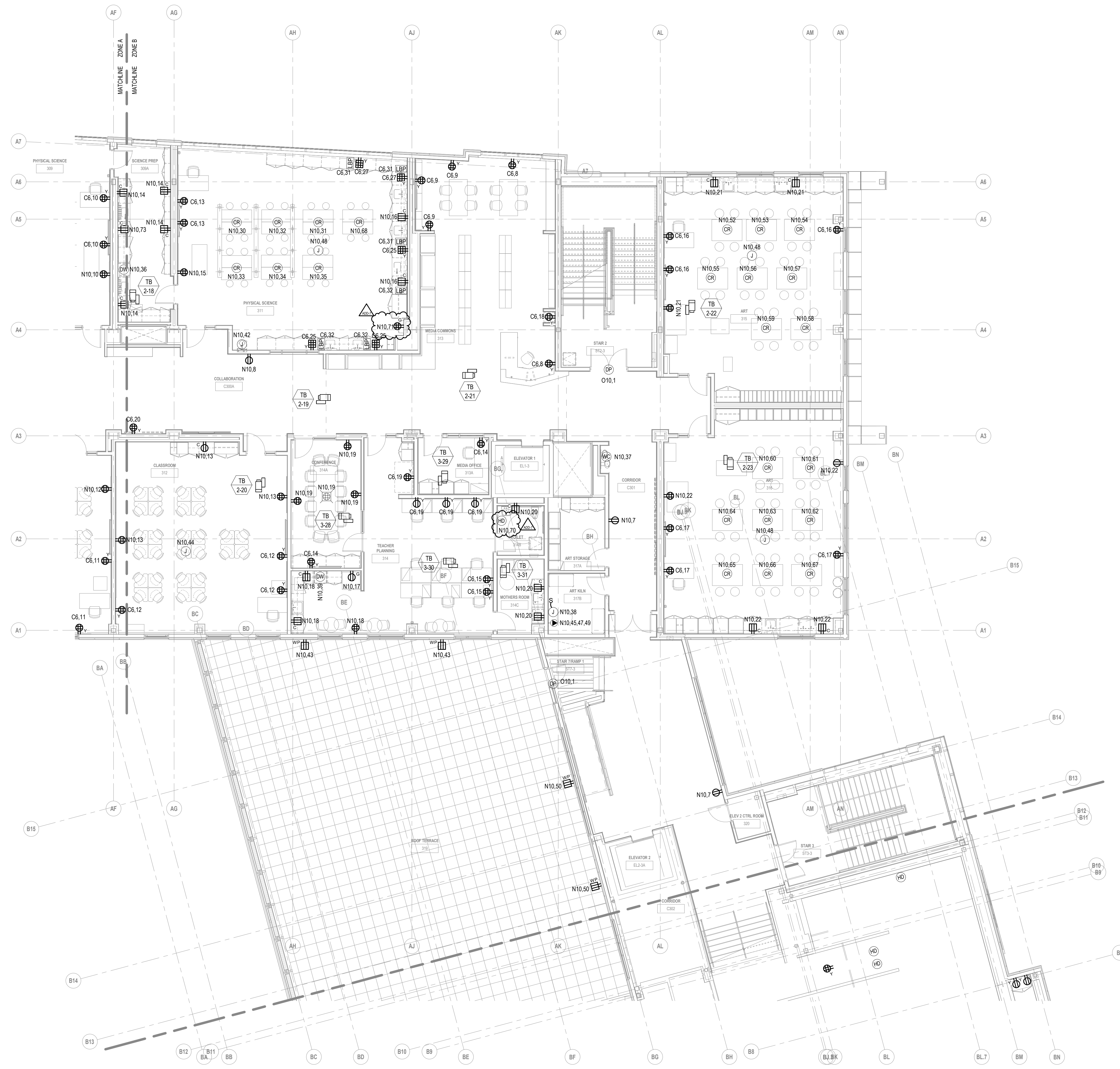
DATE: OCTOBER 13, 2023 **E2.13A**

277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

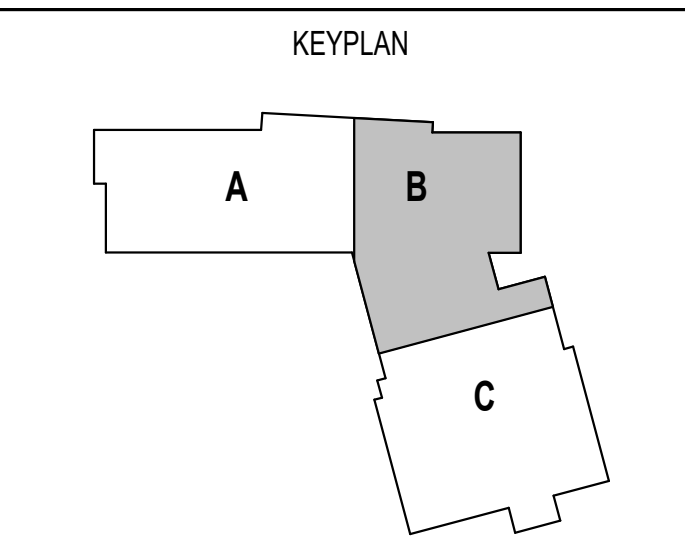
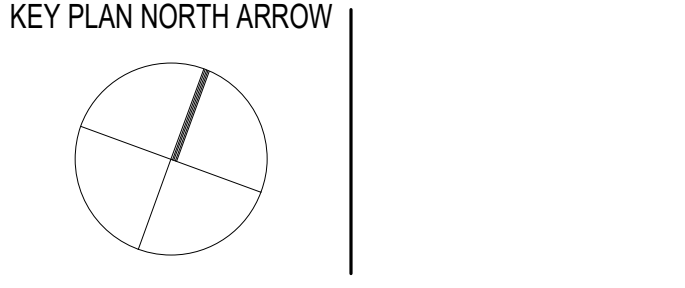
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



1 THIRD FLOOR POWER PLAN - ZONE B
1/8" = 1'-0"

ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS



DRAWING NAME:

**ELECTRICAL
THIRD FLOOR
POWER PLAN -
ZONE B**

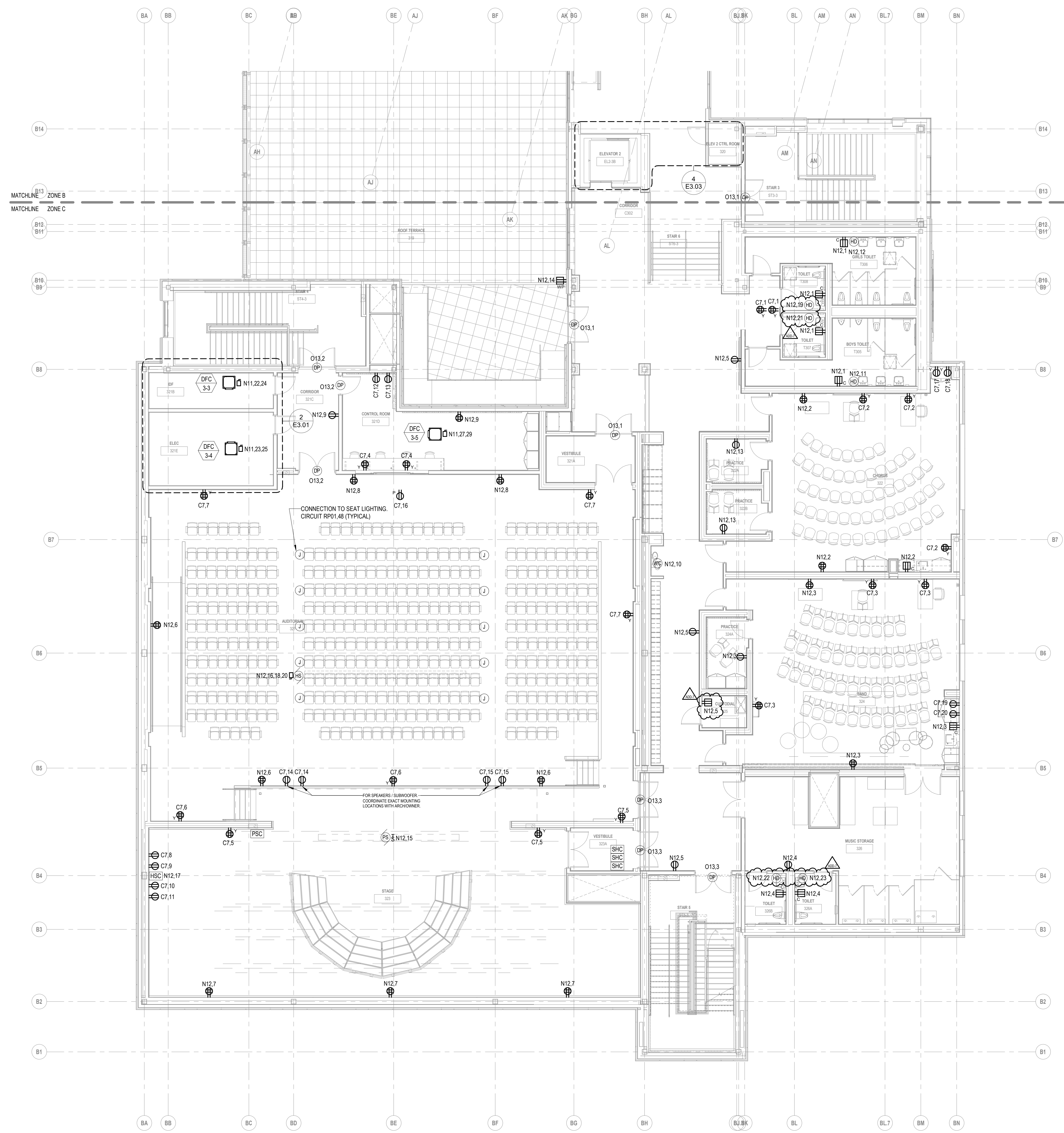
DRAWN BY: RBC/JAJ
REVIEWED BY: RCB
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.13B**

277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

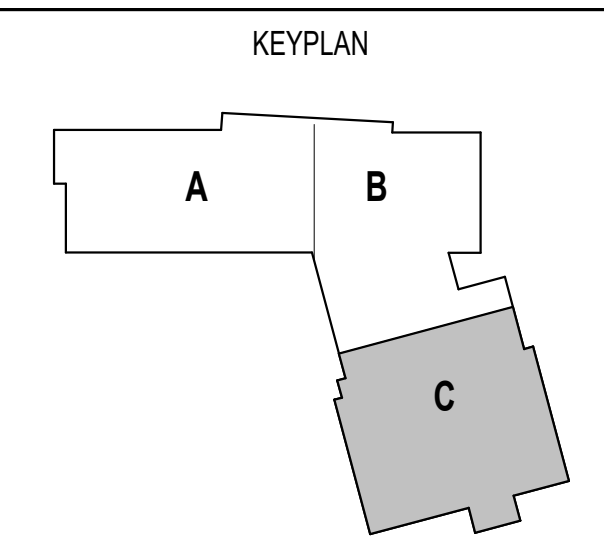
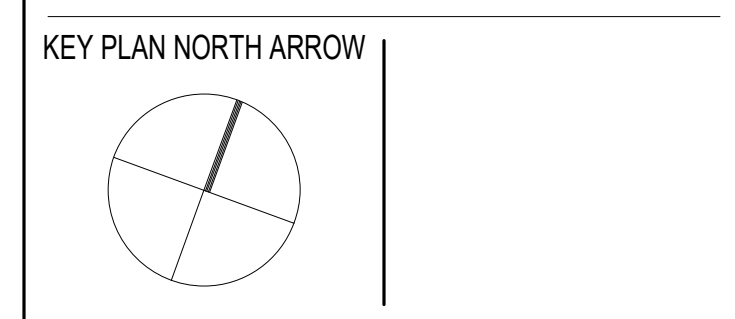
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP2C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



1 THIRD FLOOR POWER PLAN - ZONE C
1/8" = 1'-0"

ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS



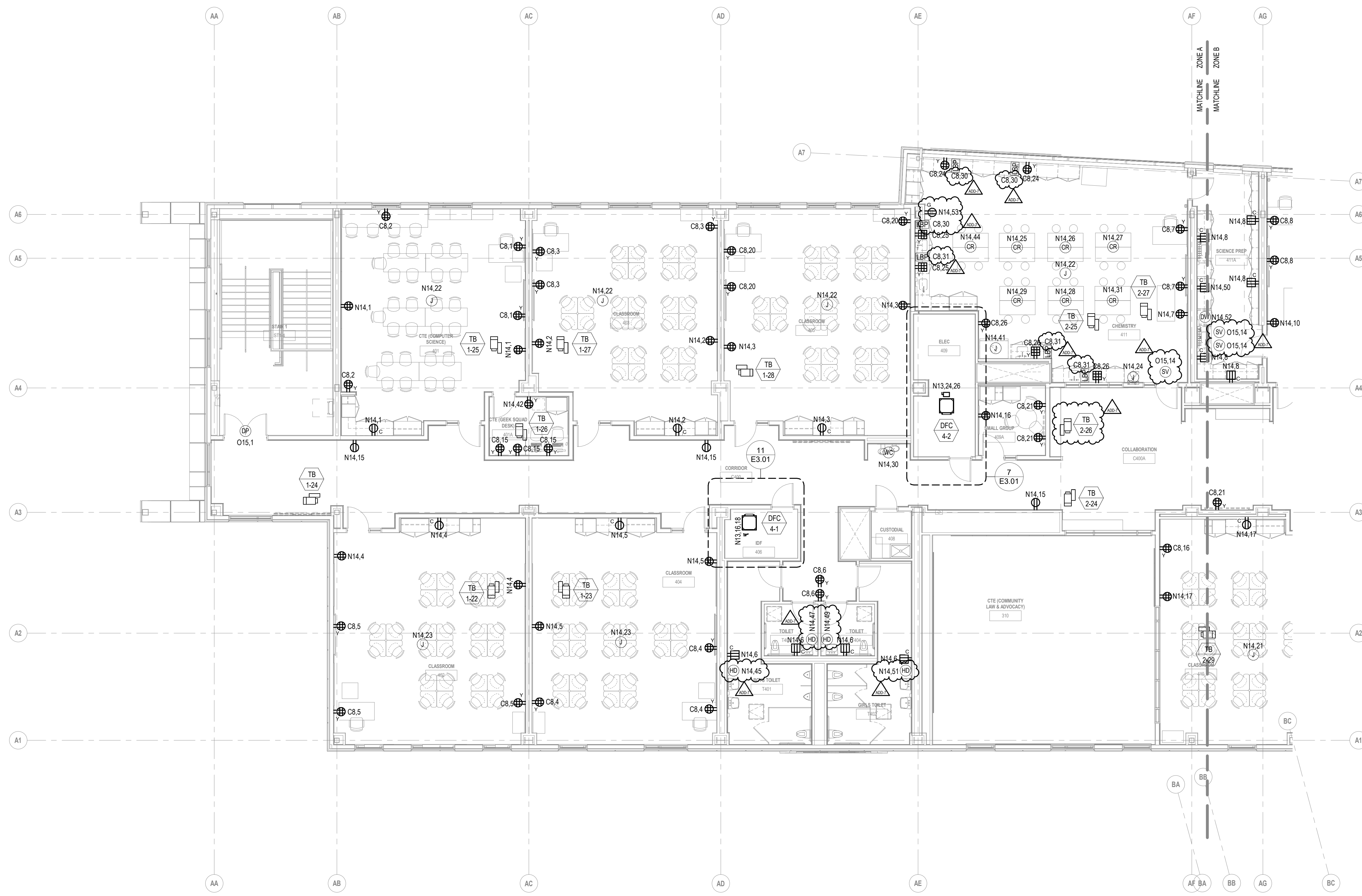
DRAWING NAME:
**ELECTRICAL
THIRD FLOOR
POWER PLAN -
ZONE C**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02 | **E2.13C**
DATE: OCTOBER 13, 2023

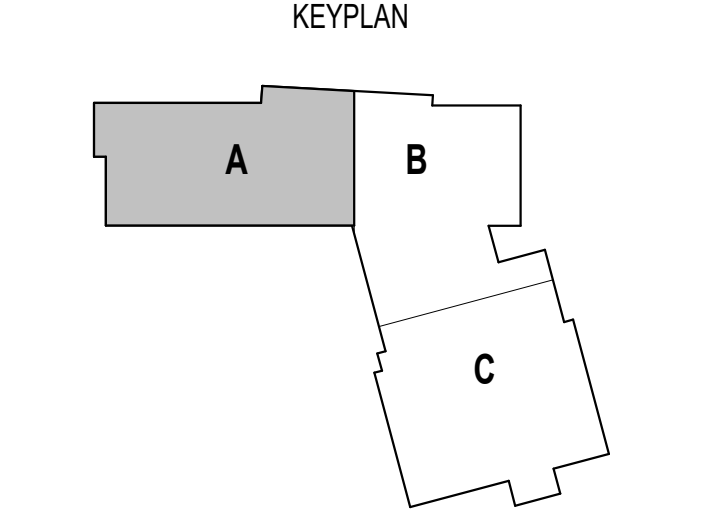
277V/480V PANEL KEY SCHEDULE		
KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE		
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



KEYNOTE LEGEND:
GENERAL NOTES:
1. ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N2.1.

ADD-7 ADDENDUM 7 1/26/2024
100% CONSTRUCTION DOCUMENTS
KEY PLAN NORTH ARROW

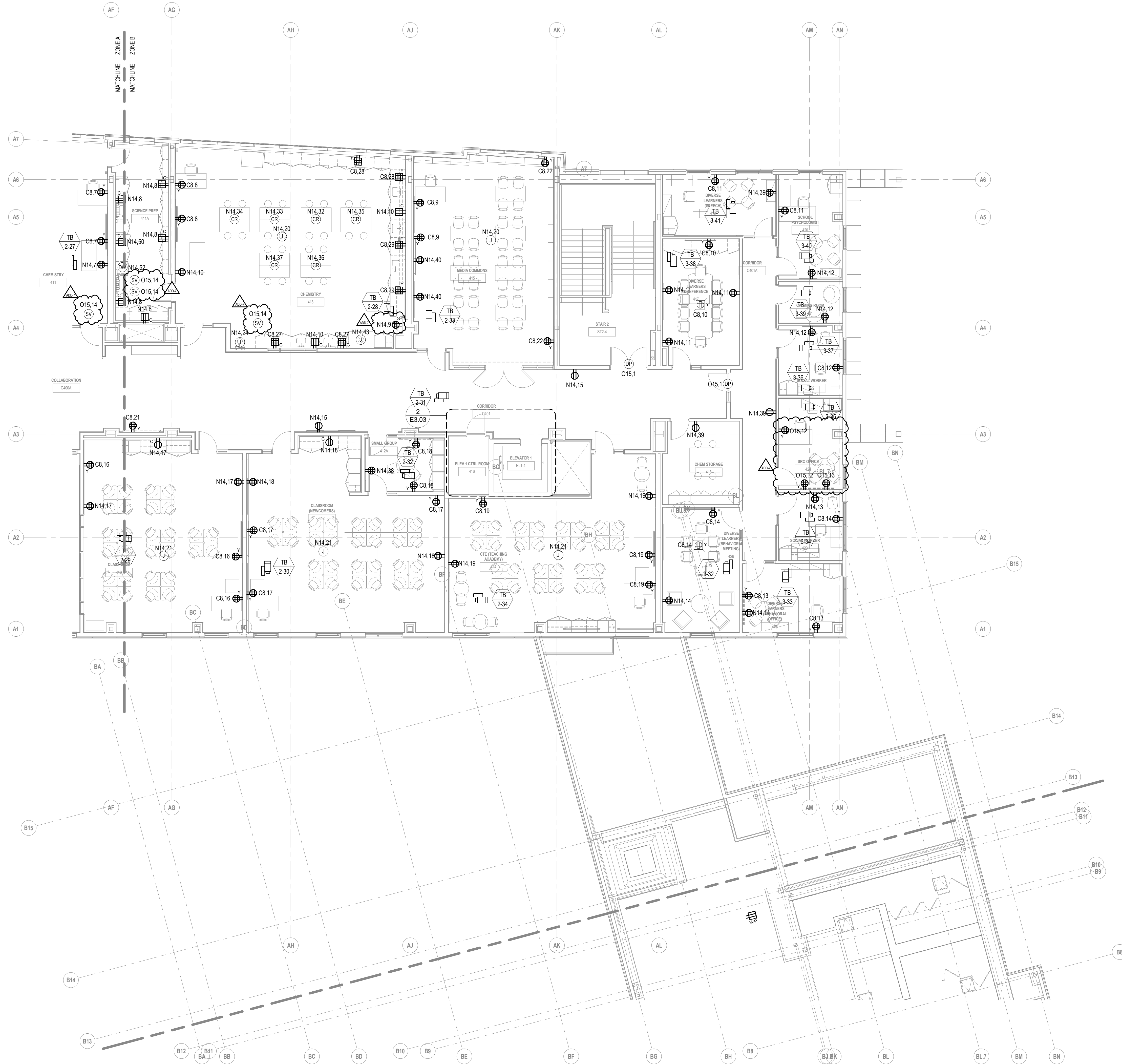


DRAWING NAME:
**ELECTRICAL
FOURTH FLOOR
POWER PLAN -
ZONE A**
DRAWN BY: RBC/JAJ
REVIEWED BY: RCB
SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.14A**

1 FOURTH FLOOR POWER PLAN - ZONE A
1/8" = 1'-0"

277V/480V PANEL KEY SCHEDULE		
KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE		
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	KP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OPIA-R	OPTIONAL STANDBY
O2	OPIA-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP3C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

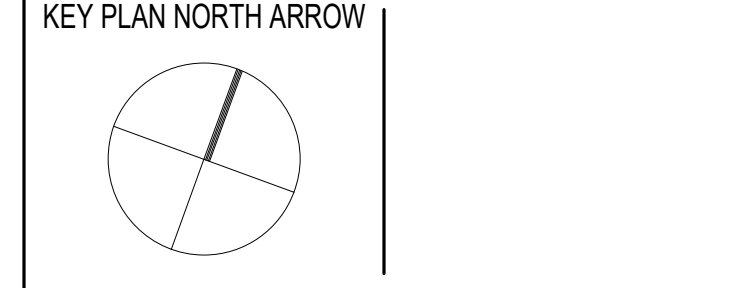
KEYNOTE LEGEND:

GENERAL NOTES:

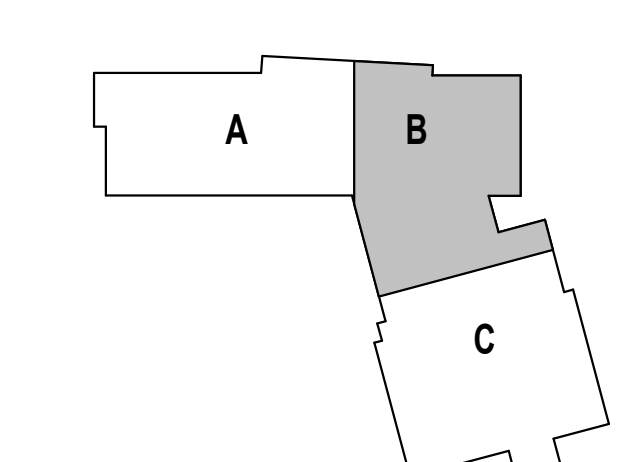
- ELECTRICAL SUBCONTRACTOR SHALL WIRE ALL TERMINAL BOXES SHOWN ON THIS DRAWING TO N2.1.

ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS



KEYPLAN

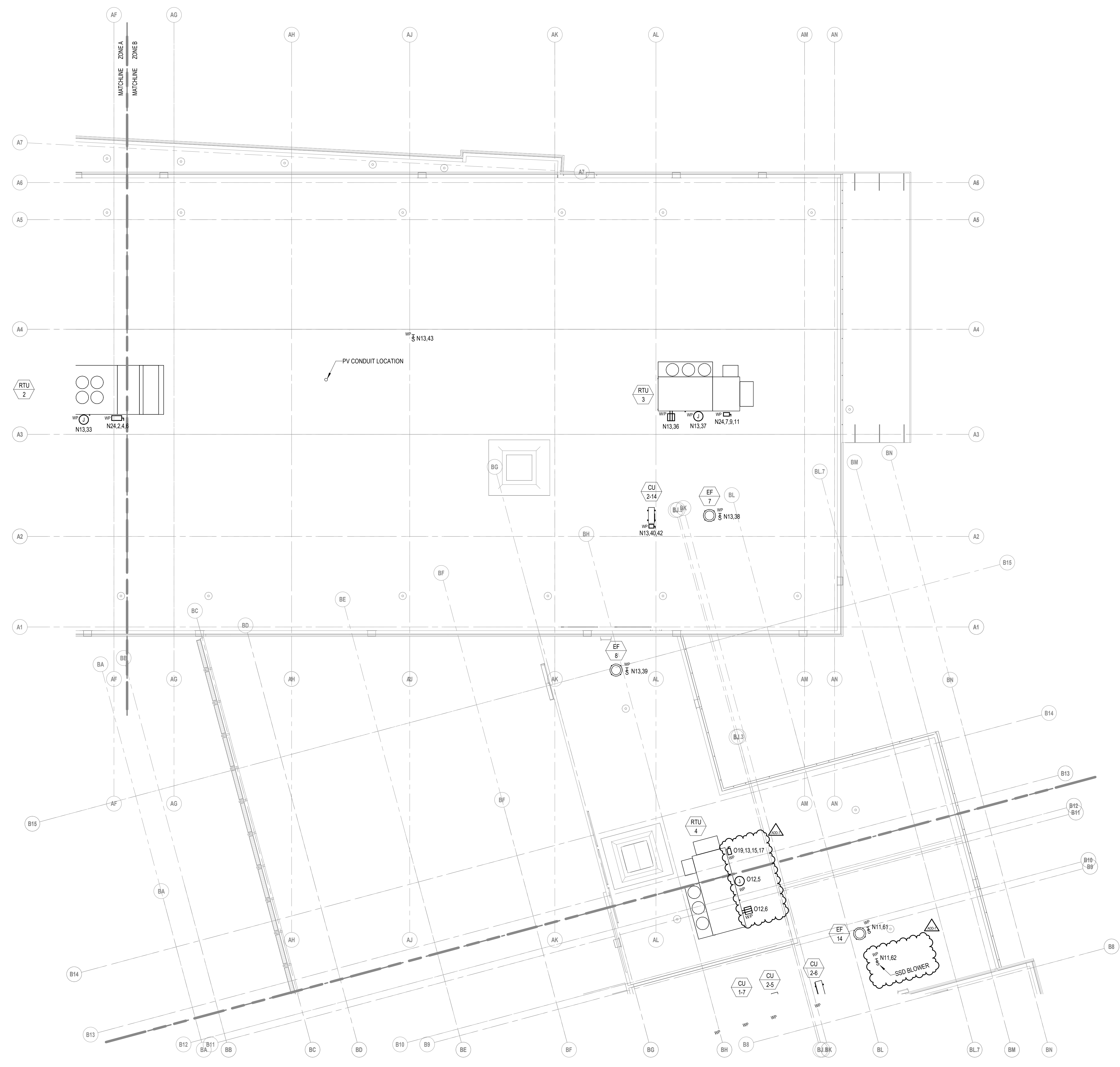


DRAWING NAME:
**ELECTRICAL
FOURTH FLOOR
POWER PLAN -
ZONE B**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.14B**

1 FOURTH FLOOR POWER PLAN - ZONE B
1/8" = 1'-0"



277V/480V PANEL KEY SCHEDULE

KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE

KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP2C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

111 Speen Street, Suite 300
508.358.0790
Framingham, MA 01701
www.ni3architects.com

GRIFFITH & VARY, INC.
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12 Kendrick Road
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10 HIGGINSON AVE, CENTRAL FALLS, RI

KEYNOTE LEGEND:

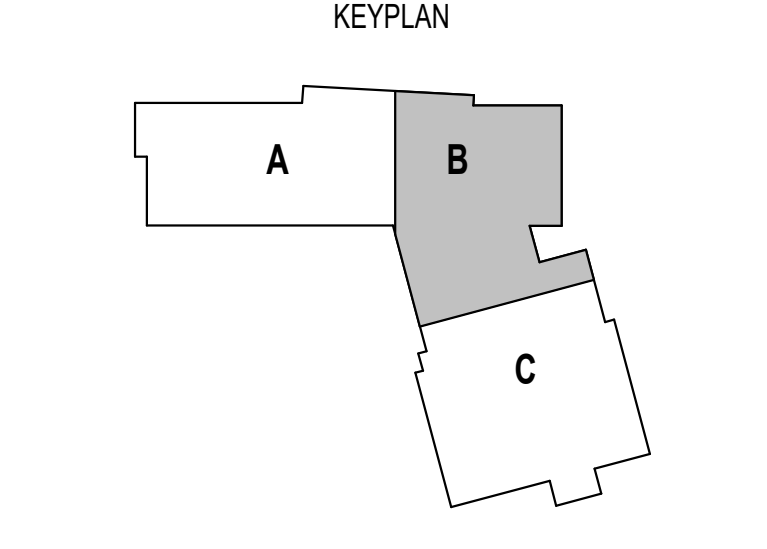
GENERAL NOTES

1. PROVIDE WIRING AS REQUIRED PER APPROVED MECHANICAL SHOP DRAWINGS VIA 1" C. FROM THE TERMINAL BLOCK OF CONDENSING UNITS TO THE TERMINAL BLOCK OF ASSOCIATED SPLIT TYPE AIR CONDITIONERS.

ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



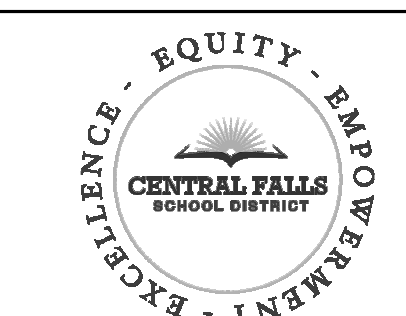
DRAWING NAME:

**ELECTRICAL
ROOF POWER
PLAN - ZONE B**

DRAWN BY: RBC/JAJ
REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:
JOB NO.: 2202.02
DATE: OCTOBER 13, 2023 **E2.15B**

1 ROOF PLAN POWER PLAN - ZONE B
1/8" = 1'-0"



CENTRAL FALLS HIGH SCHOOL
10 HIGGINSON AVE, CENTRAL FALLS, RI

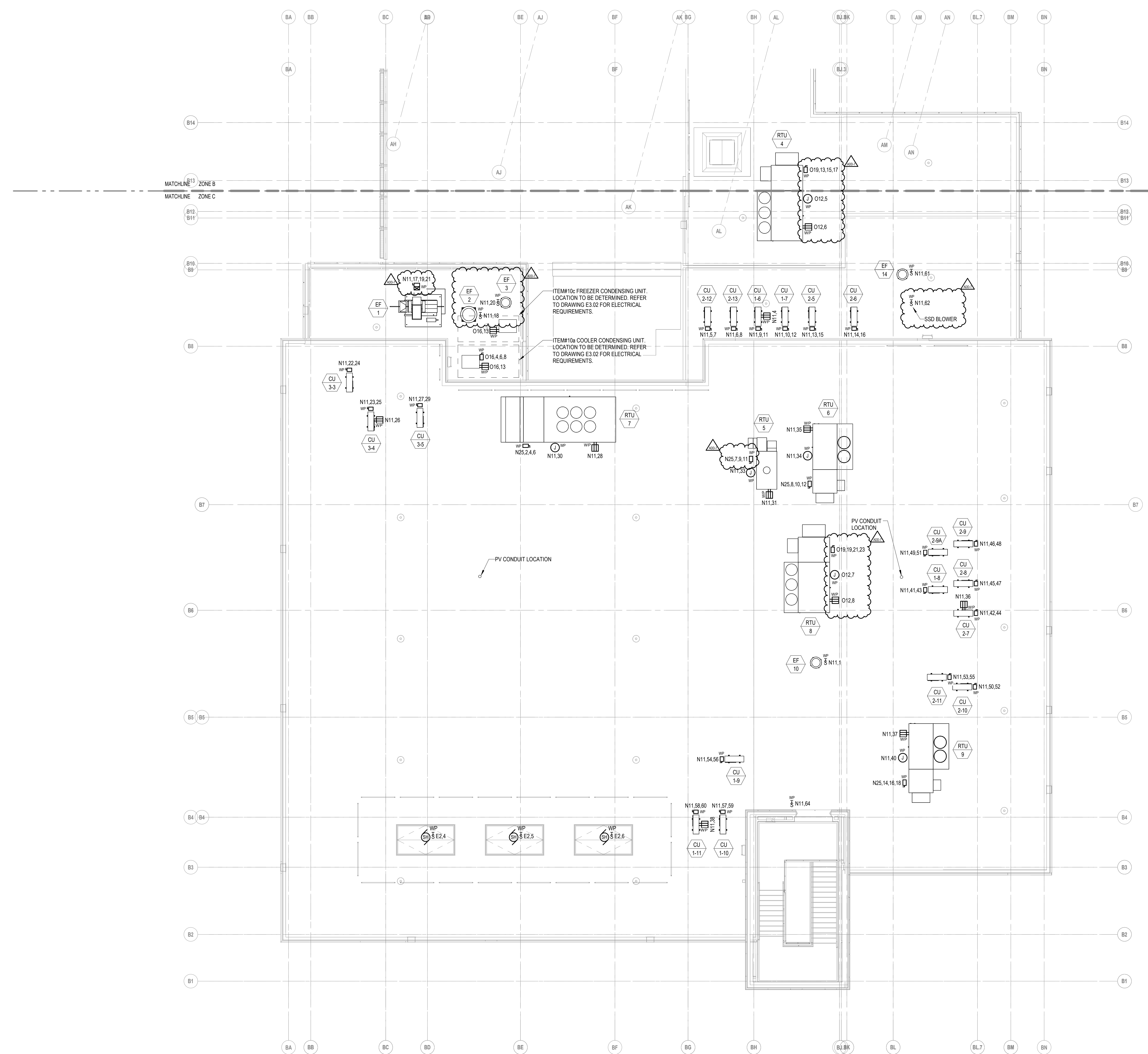
KEYNOTE LEGEND:

GENERAL NOTES

1. PROVIDE WIRING AS REQUIRED PER APPROVED MECHANICAL SHOP DRAWINGS VIA 1" FROM THE TERMINAL BLOCK OF CONDENSING UNITS TO THE TERMINAL BLOCK OF ASSOCIATED SPLIT TYPE AIR CONDITIONERS.

277V/480V PANEL KEY SCHEDULE		
KEY	PANEL	BRANCH
E1	EL2-L	EMERGENCY
N16	LP1A-L	NORMAL
N17	LP2C-L	NORMAL
N18	LP2C-SL	NORMAL
N19	LP2C-M	NORMAL
N20	LP2A-L	NORMAL
N21	LP3A-L	NORMAL
N23	LP4A-L	NORMAL
N24	LP4A-M	NORMAL
N25	LP3C-M	NORMAL
N26	LP3C-L	NORMAL
O18	OL1A-L	OPTIONAL STANDBY
O19	OL2C-M	OPTIONAL STANDBY
O20	OL2C-L	OPTIONAL STANDBY
O21	OL2A-L	OPTIONAL STANDBY
O22	OL3A-L	OPTIONAL STANDBY
O23	OL4A-L	OPTIONAL STANDBY
O25	OL3C-L	OPTIONAL STANDBY

208Y/120V PANEL KEY SCHEDULE		
KEY	PANEL NAME	BRANCH
E2	EP2-R	EMERGENCY
C1	CP1A	NORMAL
C2	CP1C	NORMAL
C4	CP2A	NORMAL
C5	CP2C	NORMAL
C6	CP3A	NORMAL
C7	CP3C	NORMAL
C8	CP4A	NORMAL
N1	PP1A-R	NORMAL
N2	PP1A-M	NORMAL
N3	PP1C-M	NORMAL
N4	PP1C-R	NORMAL
N5	PP2A-M	NORMAL
N6	PP2A-R	NORMAL
N7	PP2C-M	NORMAL
N8	PP2C-R	NORMAL
N10	PP3A-R	NORMAL
N11	PP3C-M	NORMAL
N12	PP3C-R	NORMAL
N13	PP4A-M	NORMAL
N14	PP4A-R	NORMAL
N15	PP1B	NORMAL
N27	PP1A-RBT	NORMAL
O1	OP1A-R	OPTIONAL STANDBY
O2	OP1A-M	OPTIONAL STANDBY
O3	OP1C-M	OPTIONAL STANDBY
O4	OP1C-R	OPTIONAL STANDBY
O6	OP2A-R	OPTIONAL STANDBY
O7	OP2C-M	OPTIONAL STANDBY
O8	OP2C-R	OPTIONAL STANDBY
O10	OP3A-R	OPTIONAL STANDBY
O11	OP3C-L	OPTIONAL STANDBY
O12	OP2C-M	OPTIONAL STANDBY
O13	OP3C-R	OPTIONAL STANDBY
O15	OP4A-R	OPTIONAL STANDBY
O16	OKP1B	OPTIONAL STANDBY
O17	OMDF	OPTIONAL STANDBY

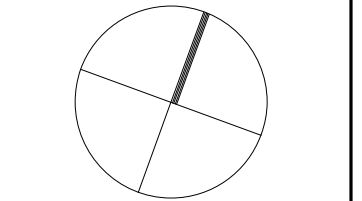


1 ROOF PLAN POWER PLAN - ZONE C
1/8" = 1'-0"

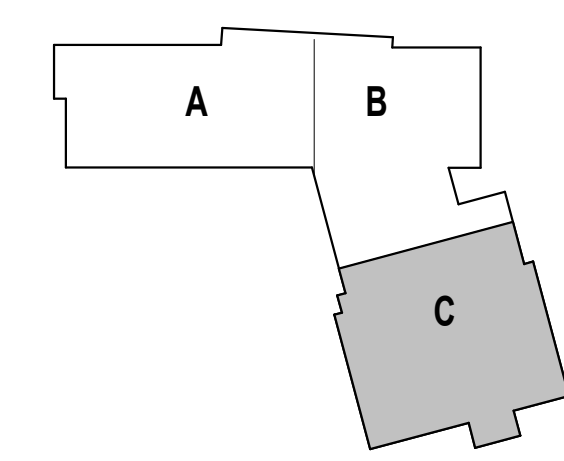
ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

ELECTRICAL ROOF POWER PLAN - ZONE C

DRAWN BY: RBC/JAJ

REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:

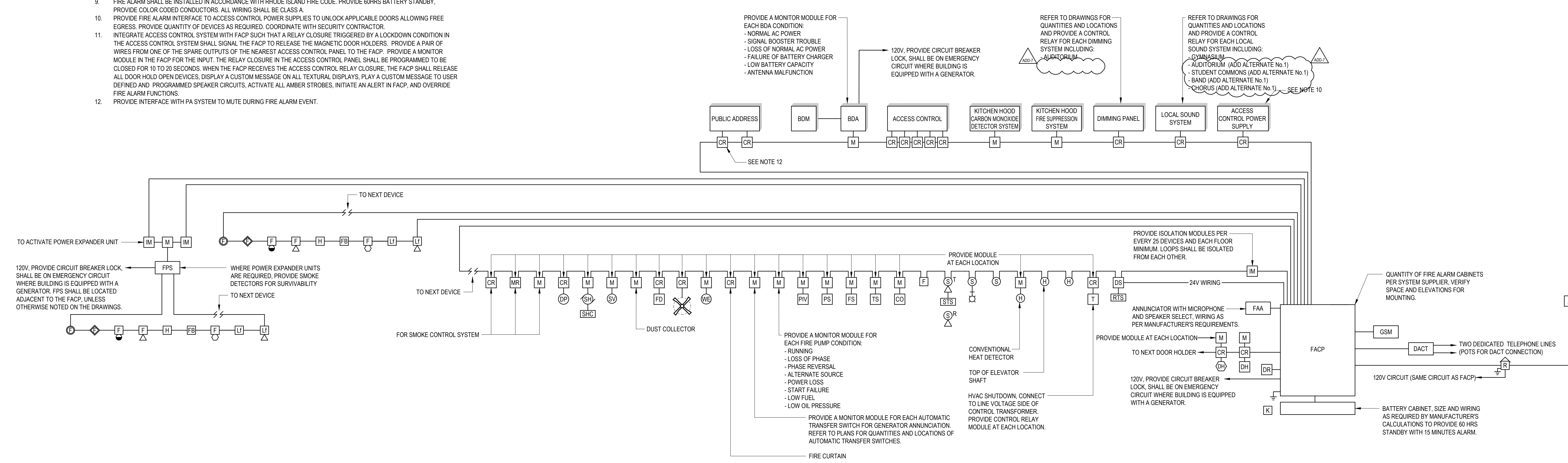
JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

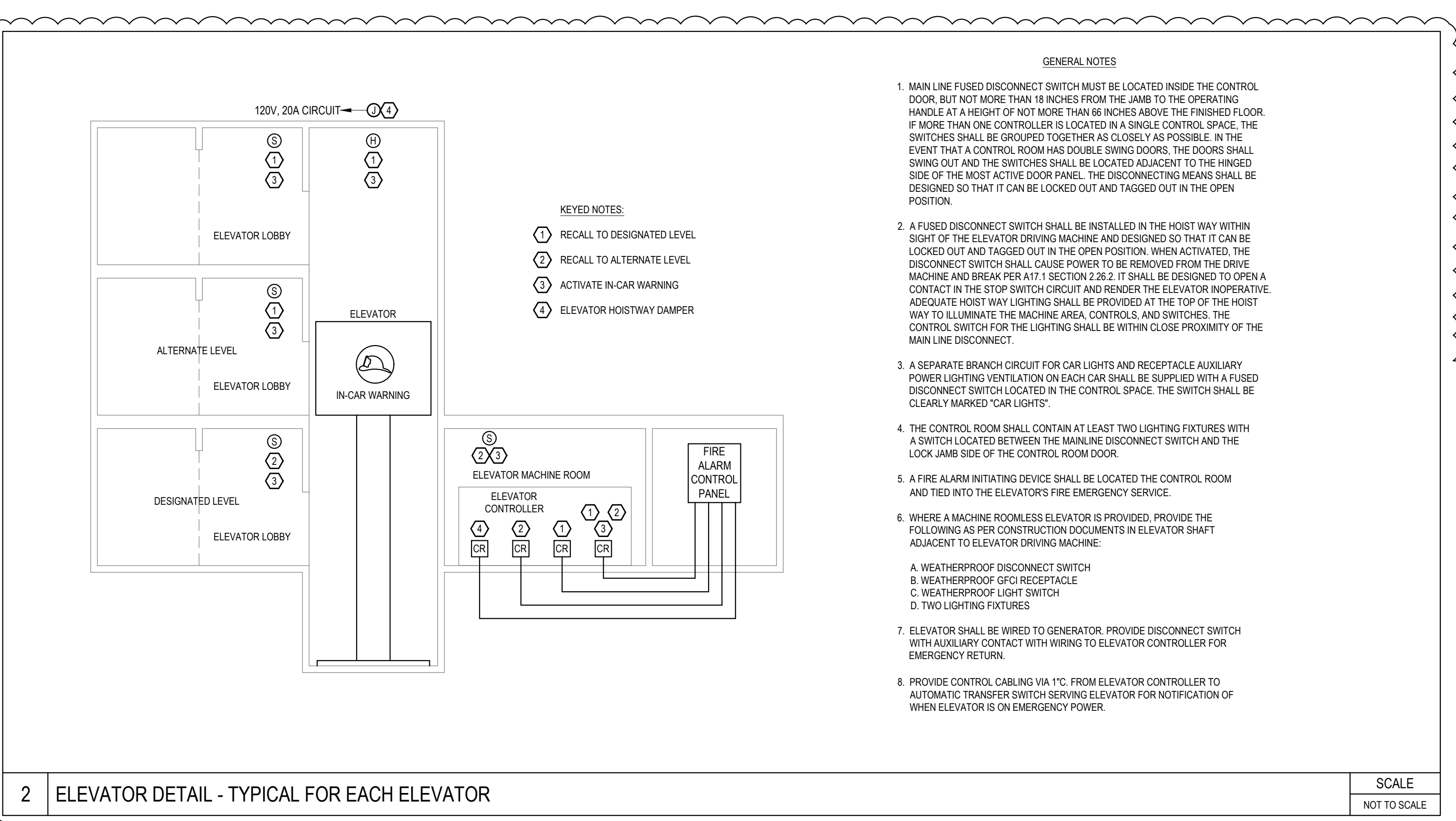
E2.15C

FIRE ALARM RISER DIAGRAM NOTES:

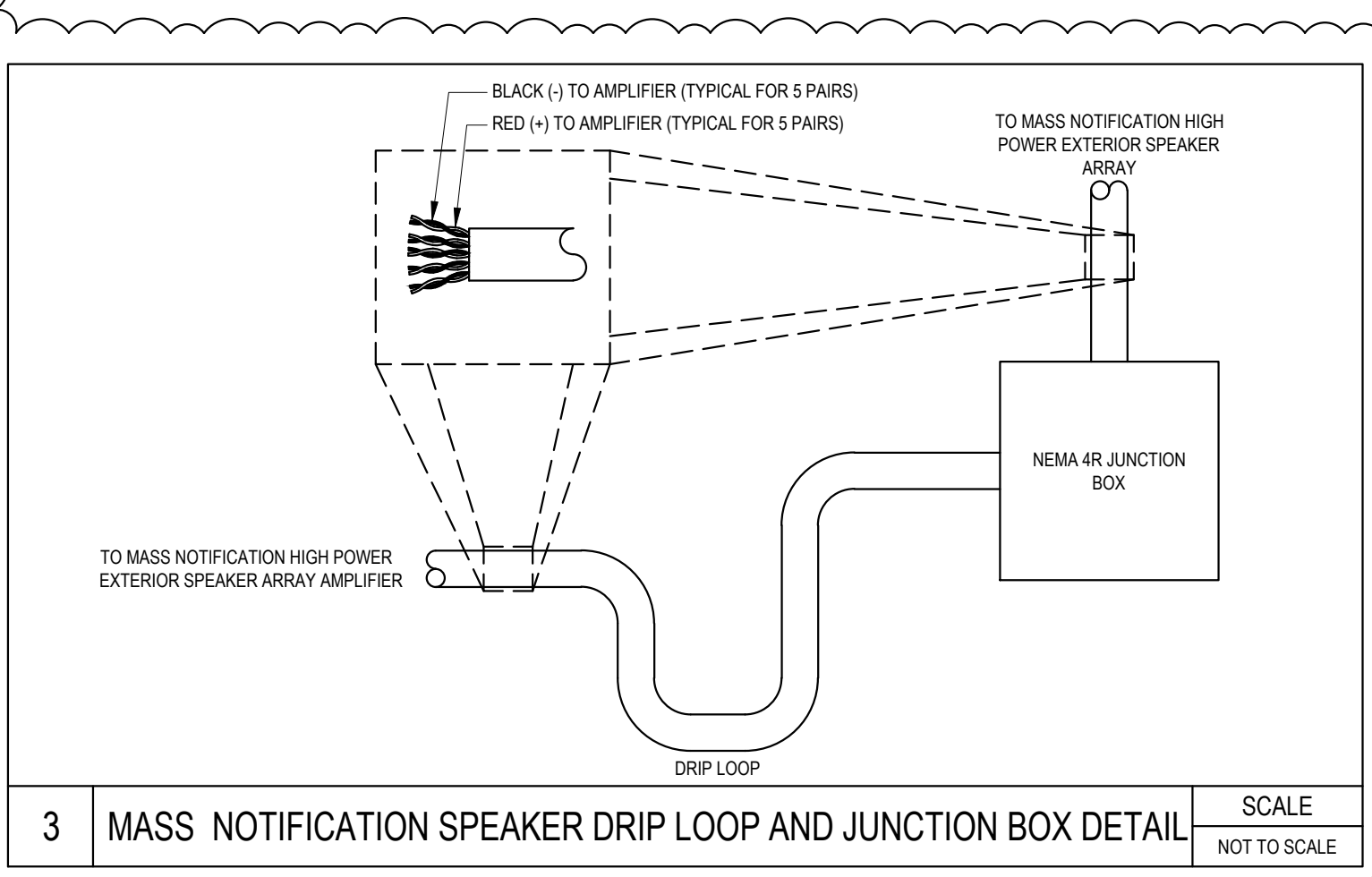
- ALL FIRE ALARM WIRING SHALL BE 2#14 IN CONDUIT, UNLESS OTHERWISE NOTED.
- THIS FIRE ALARM RISER DIAGRAM IS TYPICAL. REFER TO PLANS FOR QUANTITIES AND LOCATIONS OF DEVICES AND ADDITIONAL REQUIREMENTS. PROVIDE ALL PARTS, MATERIALS, ETC. FOR A FULLY FUNCTIONAL SYSTEM.
- FIRE ALARM WIRING SHALL BE CONTINUOUS FROM DEVICE TO DEVICE.
- DEVICE OUTGOING AND RETURN WIRING SHALL RUN IN SEPARATE RACEWAYS, PER APPLICABLE CODE.
- PROVIDE GRAPHIC FRAMED FLOOR PLANS OF EACH FLOOR INDICATING ALL FIRE ALARM INITIATING DEVICES (PULL STATIONS, SMOKE DETECTORS, HEAT DETECTORS, WATER FLOW SWITCH, TAMPER SWITCH, ETC.). INDICATE YOU ARE HERE ON FIRST FLOOR PLAN. ORIENTATE FLOOR PLANS ACCORDINGLY. HIGHLIGHT LOCATIONS OF ALL STAIRS, ELEVATORS, AND SPRINKLER ROOM. INDICATE LOCATION OF MASTER BOX. INDICATE VIA RED DOT FIRE DEPARTMENT HOSE VALVE CONNECTION. INDICATE FIRE PUMPER CONNECTIONS. GRAPHIC FLOOR PLANS SHALL BE MOUNTED ADJACENT TO FIRE ALARM CONTROL PANEL AND ANNUNCIATORS.
- PROVIDE A DITEK #DTK-2LVLPF SURGE PROTECTION DEVICE WHERE INITIATION AND NOTIFICATION LOOP ENTERS AND EXITS EACH BUILDING (FOUR PER BUILDING) WITH ALL BUILDING DEVICES BETWEEN THE SURGE PROTECTION DEVICES.
- PROVIDE A DITEK #DTK-SF2051 SURGE PROTECTION DEVICE AHEAD OF EACH FIRE ALARM CONTROL PANEL.
- REFER TO ELEVATOR RECALL DETAIL FOR ADDITIONAL FIRE ALARM REQUIREMENTS.
- FIRE ALARM SHALL BE INSTALLED IN ACCORDANCE WITH RHODE ISLAND FIRE CODE. PROVIDE 60HRS BATTERY STANDBY. PROVIDE COLOR CODED CONDUCTORS. ALL WIRING SHALL BE CLASS A.
- PROVIDE FIRE ALARM INTERFACE TO ACCESS CONTROL POWER SUPPLIES TO UNLOCK APPLICABLE DOORS ALLOWING FREE EGRESS. PROVIDE QUANTITY OF DEVICES AS REQUIRED. COORDINATE WITH SECURITY CONTRACTOR.
- INTEGRATE ACCESS CONTROL SYSTEM WITH FACP SUCH THAT A RELAY CLOSURE TRIGGERED BY A LOCKDOWN CONDITION IN THE ACCESS CONTROL SYSTEM SHALL SIGNAL THE FACP TO RELEASE THE MAGNETIC DOOR HOLDERS. PROVIDE A PAIR OF WIRES FROM ONE OF THE SPARE OUTPUTS OF THE NEAREST ACCESS CONTROL PANEL TO THE FACP. PROVIDE A MONITOR MODULE IN THE FACP FOR THE INPUT. THE RELAY CLOSURE IN THE ACCESS CONTROL PANEL SHALL BE PROGRAMMED TO BE CLOSED FOR 10 TO 20 SECONDS. WHEN THE FACP RECEIVES THE ACCESS CONTROL RELAY CLOSURE, THE FACP SHALL RELEASE ALL DOOR HOLD OPEN DEVICES, DISPLAY A CUSTOM MESSAGE ON ALL TEXTUAL DISPLAYS, PLAY A CUSTOM MESSAGE TO USER DEFINED AND PROGRAMMED SPEAKER CIRCUITS, ACTIVATE ALL AMBER STROBES, INITIATE AN ALERT IN FACP, AND OVERRIDE FIRE ALARM FUNCTIONS.
- PROVIDE INTERFACE WITH PA SYSTEM TO MUTE DURING FIRE ALARM EVENT.



1 FIRE ALARM SYSTEM RISER DIAGRAM SCALE NOT TO SCALE



2 ELEVATOR DETAIL - TYPICAL FOR EACH ELEVATOR SCALE NOT TO SCALE



3 MASS NOTIFICATION SPEAKER DRIFT LOOP AND JUNCTION BOX DETAIL SCALE NOT TO SCALE

KEYNOTE LEGEND:

LED LIGHTING FIXTURE SCHEDULE (1 OF 2)

TYPICAL LIGHTING NOTES
 1. MOUNTING ABBREVIATIONS: "R" = RECESSED IN CEILING, "S" = SURFACE, "W" = WALL, "P" = PENDANT, "GR" = GROUND, "U" = UNIVERSAL.
 2. LIGHTING FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE, LAMPS, HANGERS, ACCESSORIES, ETC. FOR A COMPLETE AND PROPER INSTALLATION. VERIFY ROOM SURFACE CONSTRUCTION/FINISH TYPES PRIOR TO THE RELEASE OF ANY LIGHTING FIXTURES TO ENSURE PROPER MOUNTING PROVISIONS AND FIXTURES FITTINGS. REFER TO ARCHITECTURAL DRAWINGS/ELEVATIONS.
 3. VERIFY ALL LIGHTING FIXTURE MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECTURAL DRAWINGS/ELEVATIONS PRIOR TO THE START OF ROUGHING. PENDANT FIXTURES SHALL BE MINIMUM 19" FROM TOP OF FIXTURE TO CEILING UNLESS OTHERWISE NOTED.
 4. ALL LAMPS, BALLASTS, LED SOURCES, DRIVERS, AND CONTROLS SHALL MEET THE LATEST UTILITY CO. INCENTIVE REQUIREMENTS. REFER TO THE LATEST PROGRAM REQUIREMENTS DOCUMENTATION AND COORDINATE WITH UTILITY CO. TO ENSURE COMPLIANCE.
 5. EXIT SIGNS SHALL BE TYPICALLY MOUNTED ON CEILINGS WHERE VISIBLE OR ON WALL WHERE CEILING MOUNTING IS NOT PRACTICAL. PRIOR TO ROUGHING COORDINATE WITH ARCHITECTURAL DRAWINGS/ELEVATIONS FOR SPECIFIC MOUNTING DIRECTION AND FOR LOCATION.
 6. LIGHTING FIXTURES TO BE CONTROLLED BY DAYLIGHT HARVESTING SYSTEM SHALL BE PROVIDED WITH 0-10 VOLT DIMMING DRIVERS.
 7. WHEN SUBMITTING TO ENGINEER FOR REVIEW THE LIGHTING FIXTURE SUBMITTALS SHALL CONSIST OF THE FOLLOWING: LIGHTING FIXTURE CUT SHEET, LIGHTING FIXTURE BALLAST/DRIVER CUT SHEET, AND LIGHTING FIXTURE LAMP/LED CUT SHEET FOR EACH FIXTURE. GROUPED CUT SHEETS WILL NOT BE ALLOWED. WHEN SUBMITTING ON LED PRODUCTS PROVIDE LIGHTING FACTS, LM-79, AND LM-80 TEST REPORTS FOR REVIEW.
 8. THE MANUFACTURERS AND CATALOG NUMBERS IDENTIFIED IN THIS LIGHTING FIXTURE SCHEDULE ARE INTENDED TO ESTABLISH A GENERAL LEVEL OF QUALITY, CONFIGURATION, MATERIALS, AND APPEARANCE REQUIRED. THIS IS NOT A PROPRIETARY SPECIFICATION AND IT SHOULD BE NOTED THAT "OR EQUAL" APPLIES TO ALL LIGHTING FIXTURES DENOTED HEREIN. IT IS UNDERSTOOD THAT ALL MANUFACTURERS WILL HAVE MINOR VARIATIONS IN CONFIGURATION, APPEARANCE, AND PRODUCT SPECIFICATIONS AND SUCH MINOR VARIATIONS SHALL NOT ELIMINATE SUCH MANUFACTURERS AS AN APPROVED EQUAL.
 9. CONNECT EMERGENCY BATTERY UNITS AND EXIT SIGNS WITH BACK-UP BATTERY TO NEAREST UNSWITCHED LIGHTING CIRCUIT FOR CHARGING OF EMERGENCY BATTERIES IN UNITS.
 10. REBAR AND ANCHORS SHALL BE INSTALLED AS REQUIRED FOR ALL LIGHTING FIXTURES.
 11. AS REQUIRED BY LEED VERSION 4, INTERIOR LIGHTING, OPTION 2, LIGHTING QUALITY, LIGHTING FIXTURES SHALL HAVE A LUMINANCE OF LESS THAN 2.93 CANDELA/METER SQUARED BETWEEN 45 AND 90 DEGREES FROM NAZIR.
 12. AS REQUIRED BY LEED VERSION 4, INTERIOR LIGHTING, OPTION 2, LIGHTING QUALITY, LIGHTING FIXTURES SHALL HAVE A MINIMUM COLOR RENDERING INDEX (CRI) OF 80.
 13. AS REQUIRED BY LEED VERSION 4, INTERIOR LIGHTING, OPTION 2, LIGHTING QUALITY, LIGHTING FIXTURES SHALL HAVE A MINIMUM RATED LIFE (OR L70 FOR LED SOURCES) OF AT LEAST 24,000 HOURS.

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	MOUNTING	WATTAGE	TOTAL LUMENS	COLOR TEMP.	DIMMING (%)	DESCRIPTION/REMARKS	COLOR FINISH
A4	CORELITE CONTINUA	CTA-F-7525-50L835-1D-UNV-STD-CBA-AC48-XX-4	UNV	P	38	5061	3500K	0-10V (1%)	4' LINEAR PENDANT, 75% UP, 25% DOWN INDIRECT/DIRECT LIGHTING FIXTURE, WITH TIR OPTICS, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	CBA
A4L	CORELITE CONTINUA	CTA-F-7525-40L835-1D-UNV-STD-CBA-AC48-XX-4	UNV	P	30	3993	3500K	0-10V (1%)	4' LINEAR PENDANT, 75% UP, 25% DOWN INDIRECT/DIRECT LIGHTING FIXTURE, WITH TIR OPTICS, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	CBA
A6	CORELITE CONTINUA	CTA-F-7525-50L835-1D-UNV-STD-CBA-AC48-XX-6	UNV	P	30	3993	3500K	0-10V (1%)	6' LINEAR PENDANT, 75% UP, 25% DOWN INDIRECT/DIRECT LIGHTING FIXTURE, WITH TIR OPTICS, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	X
A8	CORELITE CONTINUA	CTA-F-7525-50L835-1D-UNV-STD-CBA-AC48-XX-8	UNV	P	76	10122	3500K	0-10V (1%)	8' LINEAR PENDANT, 75% UP, 25% DOWN INDIRECT/DIRECT LIGHTING FIXTURE, WITH TIR OPTICS, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	X
A8L	CORELITE CONTINUA	CTA-F-7525-40L835-1D-UNV-STD-CBA-AC48-XX-8	UNV	P	60	7986	3500K	0-10V (1%)	8' LINEAR PENDANT, 75% UP, 25% DOWN INDIRECT/DIRECT LIGHTING FIXTURE, WITH TIR OPTICS, AND ADJUSTABLE AIRCRAFT CABLE SUSPENSION.	X
DR1	COOPER HALO	HC4100010-HM40529835-41WDH	UNV	R	10	1000	3500K	0-10V (1%)	4" ROUND 75 DEGREE WIDE BEAM DOWNLIGHT, SEMI-SPECULAR CLEAR REFLECTOR AND FLANGE.	CBA
DR05	COOPER HALO	HC4100010-HM40529835-41WDH	UNV	R	6.1	500	3500K	0-10V (1%)	4" ROUND 75 DEGREE WIDE BEAM DOWNLIGHT, SEMI-SPECULAR CLEAR REFLECTOR AND FLANGE.	CBA
DS4-05	COOPER PORTFOLIO	LDSQ4C-05-9035-D010-SQ1H	UNV	R	7.8	500	3500K	0-10V (1%)	4" SQUARE DOWNLIGHT, MEDIUM DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH FLANGE, 90 CRI.	CBA
DS4-1W	COOPER PORTFOLIO	LDSQ4C-10-9035-D010-SQ1H	UNV	R	10.5	1000	3500K	0-10V (1%)	4" SQUARE DOWNLIGHT, WIDE DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH FLANGE, 90 CRI.	CBA
DS4-2M	COOPER PORTFOLIO	LDSQ4C-20-9035-D010-SQ1H	UNV	R	22.6	2000	3500K	0-10V (1%)	4" SQUARE DOWNLIGHT, MEDIUM DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH FLANGE, 90 CRI.	CBA
DS4-3M	COOPER PORTFOLIO	LDSQ4C-20-9035-D010-SQ1H	UNV	R	34	3000	3500K	0-10V (1%)	4" SQUARE DOWNLIGHT, MEDIUM DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH FLANGE, 90 CRI.	CBA
FP22L	COOPER METALUX	22FP2135C	UNV	R	20.7	2295	3500K	0-10V (1%)	2' X 2', RECESSED, GRID, EDGE LIT FLAT PANEL.	CBA
FP24H	COOPER METALUX	24FP435C	UNV	R	60.3	6091	3500K	0-10V (1%)	2' X 4', RECESSED, GRID, EDGE LIT FLAT PANEL.	CBA
FP24L	COOPER METALUX	24FP3135C	UNV	R	29.3	3533	3500K	0-10V (1%)	2' X 4', RECESSED, GRID, EDGE LIT FLAT PANEL.	CBA
FPK	COOPER FAL-SAFE	FSP-22-42-35-CA125	UNV	R	38.3	4330	3500K	0-10V (1%)	2' X 2', RECESSED, GRID, SEALED FLAT PANEL LIGHTING FIXTURE, .125" ACRYLIC LENS, WET LOCATION RATED.	CBA
IND4	COOPER METALUX	4SNLED-LD5-37SL-UJW-UNV-L835-CD1-U	UNV	U	31	3812	3500K	0-10V (1%)	2.75" WIDE, 4" STRIP, FULL FROST WIDE DIFFUSE MATTE ACRYLIC LENS, SURFACE MOUNT OR CHAIN HUNG.	CBA
LG4	COOPER NEORAY	S122DR-S675D835-XXX4F0-1-UDD-F-W	UNV	R	27.2	2700	3500K	0-10V (1%)	2' X 4' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG4L	COOPER NEORAY	S122DR-S290D835-XXX4F0-1-UDD-F-W	UNV	R	12	1160	3500K	0-10V (1%)	2' X 4' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG4VH	COOPER NEORAY	S122DR-S868D835-XXX4F0-1-UDD-F-W	UNV	R	35.6	3460	3500K	0-10V (1%)	2' X 4' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG6H	COOPER NEORAY	S122DR-S675D835-XXX4F0-1-UDD-F-W	UNV	R	40.8	4050	3500K	0-10V (1%)	2' X 6' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG6M	COOPER NEORAY	S122DR-S488D835XXX6F0-1-UDD-F-W	UNV	R	28.8	2910	3500K	0-10V (1%)	2' X 6' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG8L	COOPER NEORAY	S122DR-S290D835XXX8F0-1-UDD-F-W	UNV	R	24	2320	3500K	0-10V (1%)	2' X 8' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG8M	COOPER NEORAY	S122DR-S675D835-XXX8F0-1-UDD-F-W	UNV	R	54.4	5400	3500K	0-10V (1%)	2' X 8' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG12	COOPER NEORAY	S122DR-S675D835XXX12F0-1-UDD-F-W	UNV	R	81.6	8100	3500K	0-10V (1%)	2' X 12' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LG14	COOPER NEORAY	S122DR-S290D835XXX14F0-1-UDD-F-W	UNV	R	42	4060	3500K	0-10V (1%)	2' X 14' RECESSED, GRID, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LP4VH	COOPER NEORAY	S122DR-C865D935-C10-XX-CBA-4F0-1-UDD-F-CBA	UNV	P	35.2	3460	3500K	0-10V (1%)	2' X 4' PENDANT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER, 90 CRI.	CBA
LP6H	COOPER NEORAY	S122DR-C675D935-C10-XX-CBA-4F0-1-UDD-F-CBA	UNV	P	40.2	4050	3500K	0-10V (1%)	2' X 6' PENDANT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER, 90 CRI.	CBA
LP8H	COOPER NEORAY	S122DR-C675D835-C4-XX-CBA-8F0-1-UDD-F-CBA	UNV	P	53.6	5400	3500K	0-10V (1%)	2' X 8' PENDANT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LP12H	COOPER NEORAY	S122DR-C675D835-C4-XX-CBA-12F0-1-UDD-F-CBA	UNV	P	80.4	8100	3500K	0-10V (1%)	2' X 12' PENDANT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR2	COOPER NEORAY	S122DR-S675D835-XXX2F0-1-UDD-F-W	UNV	R	12.1	1350	3500K	0-10V (1%)	2' X 2' RECESSED, GYPSUM BOARD MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR4	COOPER NEORAY	S122DR-S675D835-XXX4F0-1-UDD-F-W	UNV	R	24.2	2700	3500K	0-10V (1%)	2' X 4' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR4M	COOPER NEORAY	S122DR-S675D935-XXX4F0-1-UDD-F-W	UNV	R	24.2	2700	3500K	0-10V (1%)	2' X 4' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER, 90 CRI.	CBA
LR6	COOPER NEORAY	S122DR-S675D835-XXX6F0-1-UDD-F-W	UNV	R	40.8	4050	3500K	0-10V (1%)	2' X 6' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR6L	COOPER NEORAY	S122DR-S290D835-XXX6F0-1-UDD-F-W	UNV	R	18	1740	3500K	0-10V (1%)	2' X 6' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR8	COOPER NEORAY	S122DR-S675D835-XXX8F0-1-UDD-F-W	UNV	R	54.4	5400	3500K	0-10V (1%)	2' X 8' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA

LED LIGHTING FIXTURE SCHEDULE (2 OF 2)

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	MOUNTING	WATTAGE	TOTAL LUMENS	COLOR TEMP.	DIMMING (%)	DESCRIPTION/REMARKS	COLOR FINISH
LR8L	COOPER NEORAY	S122DR-S290D835-XXX8F0-1-UDD-F-W	UNV	R	24	2320	3500K	0-10V (1%)	2' X 8' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR10L	COOPER NEORAY	S122DR-S290D835-XXX10F0-1-UDD-F-W	UNV	R	30	2900	3500K	0-10V (1%)	2' X 10' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR12	COOPER NEORAY	S122DR-S675D835-XXX12F0-1-UDD-F-W	UNV	R	80.4	8100	3500K	0-10V (1%)	2' X 12' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR12L	COOPER NEORAY	S122DR-S290D835-XXX12F0-1-UDD-F-W	UNV	R	36	3480	3500K	0-10V (1%)	2' X 12' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR20L	COOPER NEORAY	S122DR-S290D835-XXX20F0-1-UDD-F-W	UNV	R	60	5800	3500K	0-10V (1%)	2' X 20' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR22L	COOPER NEORAY	S122DR-S290D835-XXX22F0-1-UDD-F-W	UNV	R	66	6380	3500K	0-10V (1%)	2' X 22' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR24L	COOPER NEORAY	S122DR-S290D835-XXX24F0-1-UDD-F-W	UNV	R	72	6960	3500K	0-10V (1%)	2' X 24' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR28L	COOPER NEORAY	S122DR-S290D835-XXX28F0-1-UDD-F-W	UNV	R	84	8120	3500K	0-10V (1%)	2' X 28' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR30L	COOPER NEORAY	S122DR-S290D835-XXX30F0-1-UDD-F-W	UNV	R	90	8700	3500K	0-10V (1%)	2' X 30' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR32L	COOPER NEORAY	S122DR-S290D835-XXX32F0-1-UDD-F-W	UNV	R	96	9280	3500K	0-10V (1%)	2' X 32' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR36L	COOPER NEORAY	S122DR-S290D835-XXX36F0-1-UDD-F-W	UNV	R	108	10440	3500K	0-10V (1%)	2' X 36' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH FLUSH DIFFUSER.	CBA
LR66	COOPER NEORAY	S123RDR-S1000D835-XXX66F0-1-UDD-F-W	UNV	R	587.4	66000	3500K	0-10V (1%)	3' X 66' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH REGRESSED DIFFUSER.	CBA
LR74	COOPER NEORAY	S123RDR-S1000D835-XXX74F0-1-UDD-F-W	UNV	R	658.6	74000	3500K	0-10V (1%)	3' X 74' RECESSED, GYPSUM BOARD CEILING MOUNT, LINEAR, DIRECT LIGHTING FIXTURE, WITH REGRESSED DIFFUSER.	CBA
R5	ALW LIGHTING	MR1.5-D5-S5-MIN80/3500-0/10V/1%-LENS-MIN80/3500K-0/10V/1%-LENS-CBA-UNV	UNV	P	116	7950	3500K	0-10V (1%)	5" DIAMETER RING DIRECT/INDIRECT PENDANT LIGHTING FIXTURE, 1.5" WALL, ACRYLIC LENS.	CBA
SQ4	ALW LIGHTING	LS2PD-4-HI90/3500-0/10V/1%-EXTR-CBA-UNV	UNV	P	72.2	8000	3500K	0-10V (1%)	4' X 4' SQUARE, DIRECT PENDANT LIGHTING FIXTURE, FULLY ILLUMINATED MITERED CORNERS, 2" WIDTH, ACRYLIC LENS.	X
VM1	COOPER METALUX	24C22-40-UNV-L835-CD1-U	UNV	R	31.6	4000	3500K	0-10V (1%)	2' X 4' VOLUMETRIC LIGHTING FIXTURE WITH FROSTED ACRYLIC LENS, RECESSED, GRID.	X
VM2	COOPER METALUX	24C22-55-UNV-L835-CD1-U	UNV	R	43	5500	3500K	0-10V (1%)	2' X 4' VOLUMETRIC LIGHTING FIXTURE WITH FROSTED ACRYLIC LENS, RECESSED, GRID.	X
VP	EATON ALL-PRO	VT1730	UNV	S	17.7	1450	3500K	-	WEATHERPROOF, JELLY JAR, DIE CAST ALUMINUM HOUSING AND GUARD, VAPORTIGHT LIGHTING FIXTURE, WITH FROSTED GLASS.	-
WM1	LIGMAN LIGHTING	UGI-31641-10W-T4-W30-CBA-120277V-DIM	UNV	W	10	820	3000K	ELV/TRIAC	8" LENGTH X 4.3" DEEP RECTANGULAR EXTERIOR LIGHTING FIXTURE.	CBA
WP1	NLS LIGHTING	NV-W-T4-16L-1-30K-UNV-WM-CBA-FSP-20	UNV	W	56	5970	3000K	0-10V	EXTERIOR WALL PACK LIGHTING FIXTURE, WITH INTEGRAL MOTION SENSOR AND PHOTOCELL.	CBA
SIGNTEX INC	CRSBB-1RBA-XX-TW-DG	UNV	U	-	-	-	-	-	SINGLE FACE EDGE LIT EXIT SIGN, WITH RED LETTERS ON MIRROR BACKGROUND, BRUSHED ALUMINUM HOUSING, AND ARROWS AS INDICATED ON PLAN, UNIVERSAL, FIELD CONVERTIBLE. "E" INDICATES TOP OF EXIT SIGN SHALL BE 18" ABOVE FINISHED FLOOR.	-
SIGNTEX INC	CRSBB-2RBA-XX-TW-DG	UNV	U	-	-	-	-	-	DOUBLE FACE EDGE LIT EXIT SIGN, WITH RED LETTERS ON MIRROR BACKGROUND, BRUSHED ALUMINUM HOUSING, AND ARROWS AS INDICATED ON PLAN, UNIVERSAL, FIELD CONVERTIBLE.	-
SIGNTEX INC	CAE-BB-1RBA-XX-TW-DG	UNV	U	-	-	-	-	-	SINGLE FACE EDGE LIT EXIT SIGN, WITH RED LETTERS ON MIRROR BACKGROUND, BRUSHED ALUMINUM HOUSING, AND ARROWS AS INDICATED ON PLAN, UNIVERSAL, FIELD CONVERTIBLE, INTERNATIONAL HANDICAP SYMBOL. "W6" INDICATES PROVIDE WIREGUARD. SEE NOTE 9.	-
SIGNTEX INC	RPR-NB-1-R-BA-TW-PF1	UNV	U	-	-	-	-	-	SINGLE FACE VANDAL RESISTANT EXIT SIGN, WITH RED LETTERS, BRUSHED ALUMINUM HOUSING AND FACE, POLYCARBONATE LENS, AND ARROWS AS INDICATED ON PLAN, UNIVERSAL, FIELD CONVERTIBLE. SEE NOTE 9.	-
SIGNTEX INC	BPW-NB-1-R-W	UNV	U	-	-	-	-	-	SINGLE FACE WET LOCATION EXIT SIGN, WITH RED LETTERS, THERMOPLASTIC, UNIVERSAL, REFER TO NOTE #9.	-

LED SITE LIGHTING FIXTURE SCHEDULE

NOTES:
 1. LIGHTING FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE, LAMPS, HANGERS, ACCESSORIES, ETC. FOR A COMPLETE AND PROPER INSTALLATION.
 2. THE MANUFACTURERS AND CATALOG NUMBERS IDENTIFIED IN THIS LIGHTING FIXTURE SCHEDULE ARE INTENDED TO ESTABLISH A GENERAL LEVEL OF QUALITY, CONFIGURATION, MATERIALS, AND APPEARANCE REQUIRED. THIS IS NOT A PROPRIETARY SPECIFICATION AND IT SHOULD BE NOTED THAT "OR EQUAL" APPLIES TO ALL LIGHTING FIXTURES DENOTED HEREIN. IT IS UNDERSTOOD THAT ALL MANUFACTURERS WILL HAVE MINOR VARIATIONS IN CONFIGURATION, APPEARANCE, AND PRODUCT SPECIFICATIONS AND SUCH MINOR VARIATIONS SHALL NOT ELIMINATE SUCH MANUFACTURERS AS AN APPROVED EQUAL.
 3. LIGHTING FIXTURES SHALL CONFORM TO THE REQUIREMENTS OF THE ELECTRIC UTILITY CO. REBATE PROGRAM, WHERE APPLICABLE.
 4. MOUNTING ABBREVIATIONS: "RW" = RECESSED IN WALL, "SW" = SURFACE/WALL, "P" = POLE, "G" = GROUND, "PT" = POST TOP
 5. REFER TO TECHNOLOGY DRAWINGS, COORDINATE EXACT MOUNTING LOCATION AND ORIENTATION OF ALL CAMERAS AND ASSOCIATED MOUNTING ARMS WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
 6. POLE LENGTH SHALL BE AS REQUIRED SO THAT BOTTOM OF LIGHTING FIXTURE IS AT 30" ABOVE FINISHED GRADE, TAKING INTO ACCOUNT LIGHTING FIXTURE, ARM, POLE BASE, AND CONCRETE POLE BASE. PROVIDE ELEVATION INCLUDING ALL DIMENSIONS DURING SUBMITTAL PHASE FOR REVIEW.
 7. POLE LENGTH SHALL BE AS REQUIRED SO THAT BOTTOM OF LIGHTING FIXTURE IS AT 12" ABOVE FINISHED GRADE, TAKING INTO ACCOUNT LIGHTING FIXTURE, ARM, POLE BASE, AND CONCRETE POLE BASE. PROVIDE ELEVATION INCLUDING ALL DIMENSIONS DURING SUBMITTAL PHASE FOR REVIEW.
 8. LIGHTING FIXTURE WILL DIM TO 50% POWER, 50% LIGHT OUTPUT, PER DIMMING PROFILE. IF MOTION IS DETECTED DURING THE TIME THAT THE LIGHTING FIXTURE IS OPERATING AT 50%, THE LIGHTING FIXTURE GOES TO 100% POWER AND LIGHT OUTPUT. THE LIGHTING FIXTURE REMAINS ON HIGH UNTIL NO MOTION IS DETECTED FOR THE DURATION PERIOD, AFTER WHICH THE LIGHTING FIXTURE RETURNS TO LOW. DURATION PERIOD IS SET AT FACTORY TO 15 MINUTES.

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	MOUNTING	WATTAGE	TOTAL LUMENS	COLOR TEMP.	DIMMING (%)	BUG	DISTRIBUTION TYPE	DESCRIPTION/REMARKS	COLOR FINISH
SL1-T3	NLS LIGHTING	VSS-1-T3-32L-1-30K7-UNV-CBA-PC-FSP-20-RPA5	UNV	P	106	10600	3000K	0-10V	B2 U2 G2	III	SINGLE HEAD PARKING/ROAD SITE LIGHTING FIXTURE, PHOTOCELL, ARM, ON 20'-0" (SEE NOTE 6), 6" ROUND STEEL POLE, COLOR/FINISH BY ARCHITECT, PROVIDE INTEGRAL MOTION SENSOR (SEE NOTE 8), PROVIDE WITH 3" X 5" HANDHOLE.	CBA
SL1-T4	NLS LIGHTING	VSS-1-T4-32L-1-30K7-UNV-CBA-PC-FSP-20-RPA5	UNV	P	106	10812	3000K	0-10V	B2 U2 G2	IV	SINGLE HEAD PARKING/ROAD SITE LIGHTING FIXTURE, PHOTOCELL, ARM, ON 20'-0" (SEE NOTE 6), 6" ROUND STEEL POLE, COLOR/FINISH BY ARCHITECT, PROVIDE INTEGRAL MOTION SENSOR (SEE NOTE 8), PROVIDE WITH 3" X 5" HANDHOLE.	CBA
SL1-T4C	NLS LIGHTING	VSS-1-T4-32L-1-30K7-UNV-CBA-PC-FSP-20-RPA5	UNV	P	106	10812	3000K	0-10V	B2 U2 G2	IV	SINGLE HEAD PARKING/ROAD SITE LIGHTING FIXTURE, PHOTOCELL, ARM, AND CAMERA(S) ON 20'-0" (SEE NOTE 6), 6" ROUND STEEL POLE, COLOR/FINISH BY ARCHITECT	

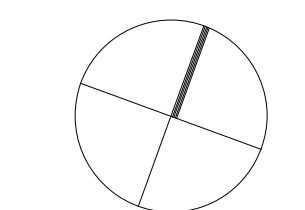


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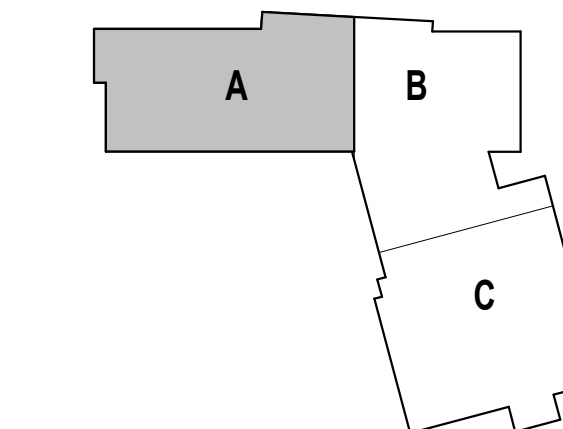
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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
FIRST FLOOR FIRE
ALARM PLAN -
ZONE A**

DRAWN BY: RBC/JAJ

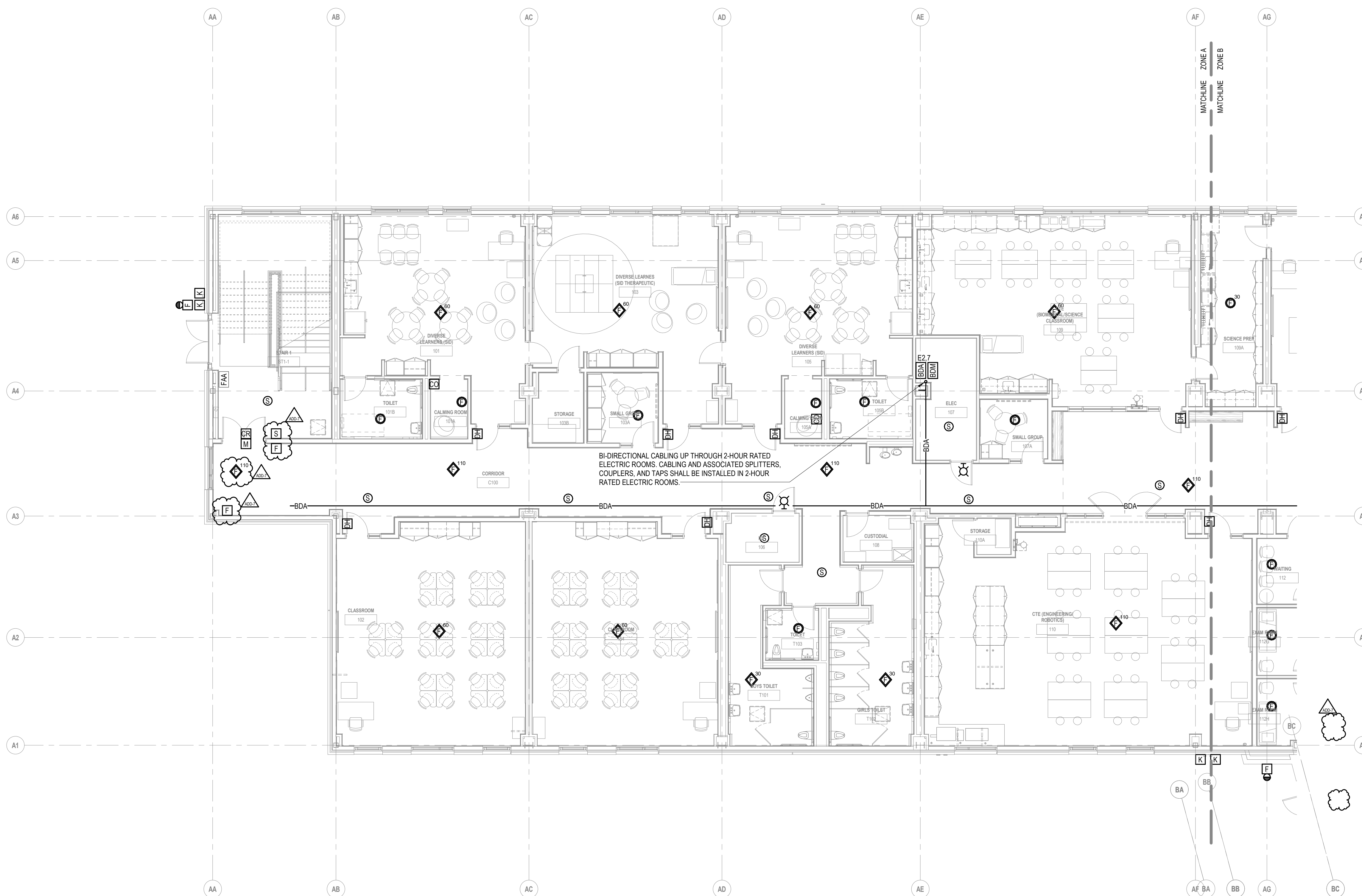
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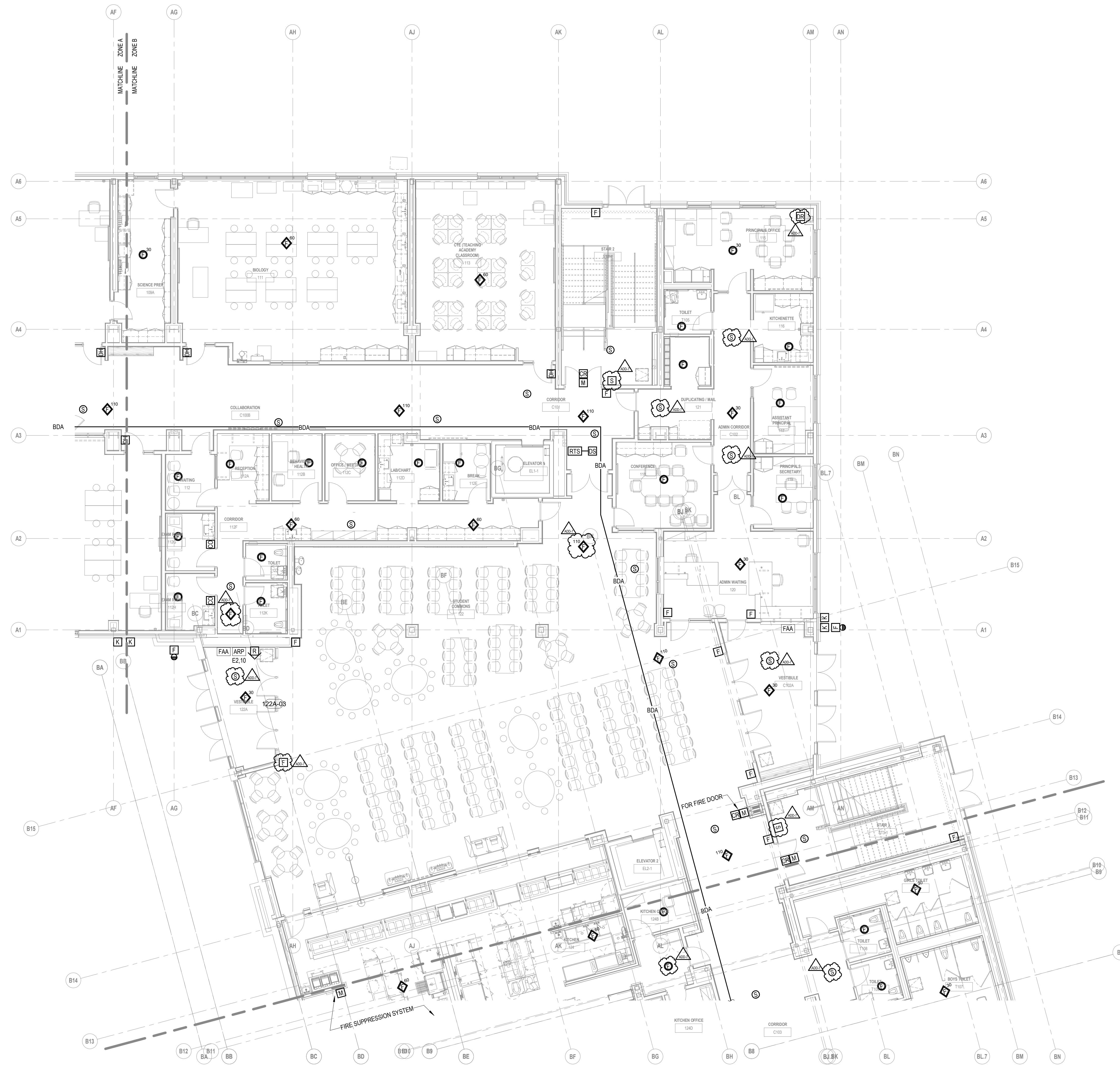
JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

EF3.11A



1 FIRST FLOOR FIRE ALARM PLAN - ZONE A
1/8" = 1'-0"



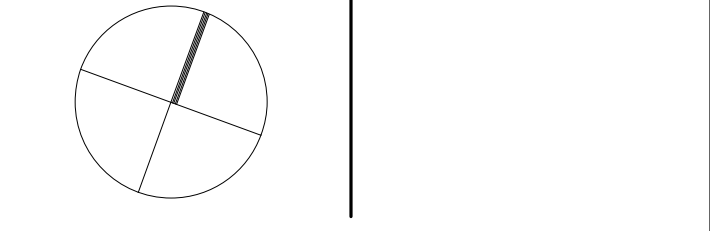
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1/8" = 1'-0"

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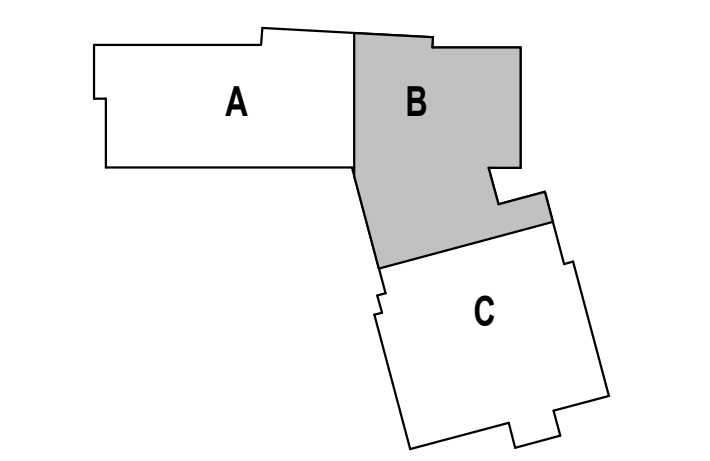
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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
FIRST FLOOR FIRE
ALARM PLAN -
ZONE B**

DRAWN BY: RBC/JAJ

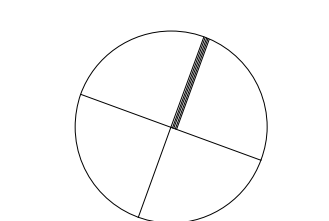
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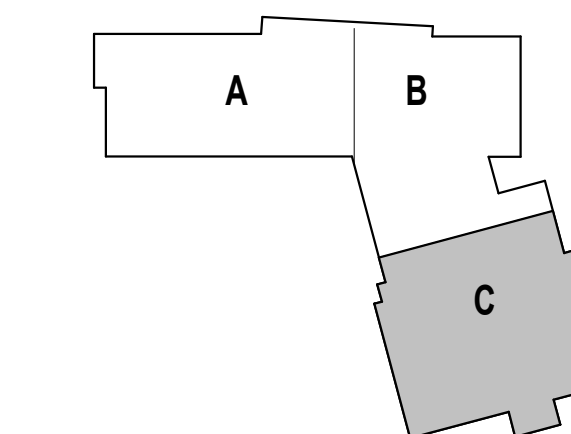
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DATE: OCTOBER 13, 2023

EF3.11B



KEYPLAN



DRAWING NAME:

**ELECTRICAL
FIRST FLOOR FIRE
ALARM PLAN -
ZONE C**

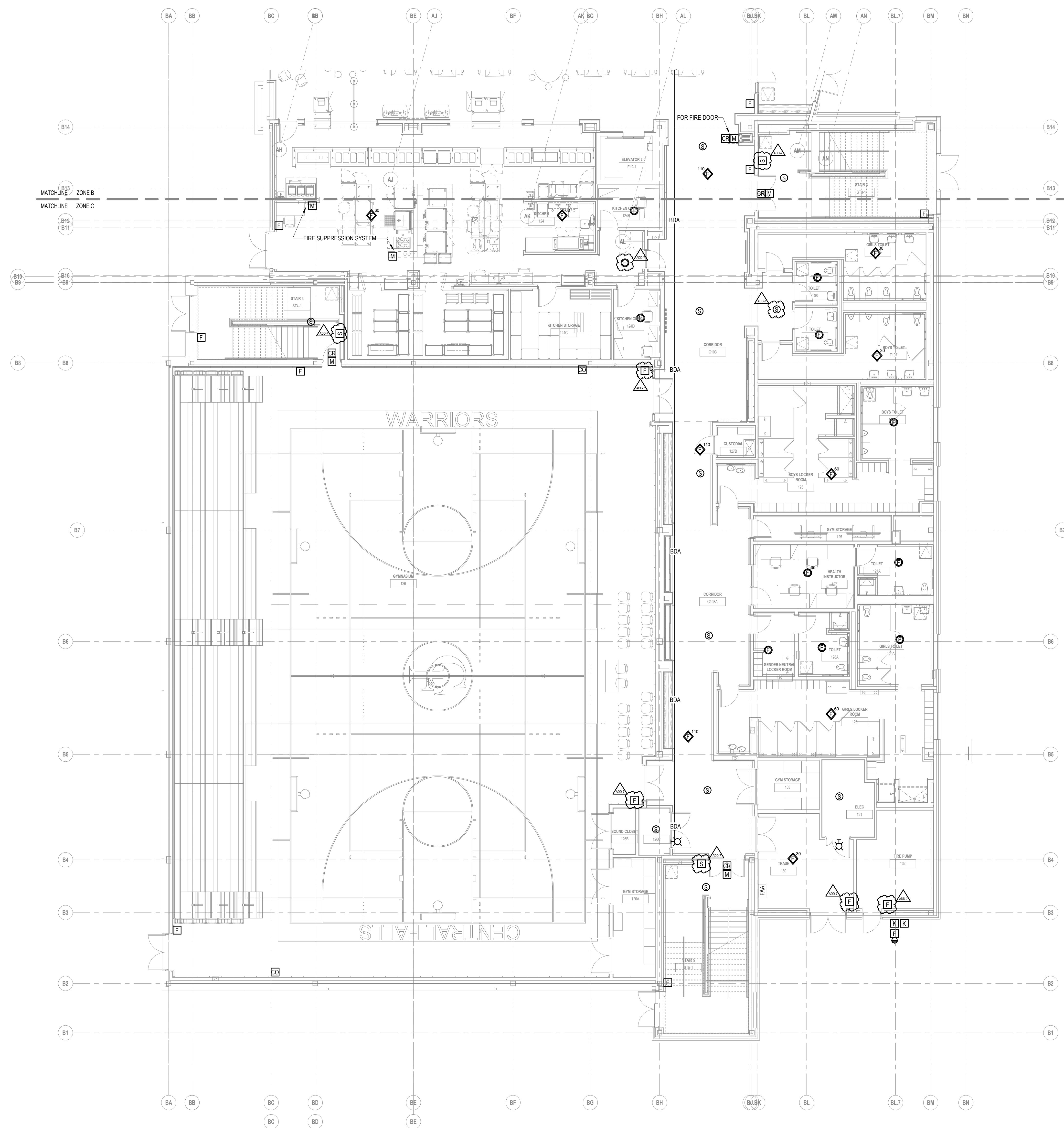
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1 FIRST FLOOR FIRE ALARM PLAN - ZONE C
1/8" = 1'-0"

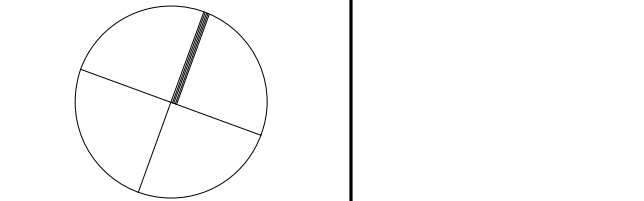
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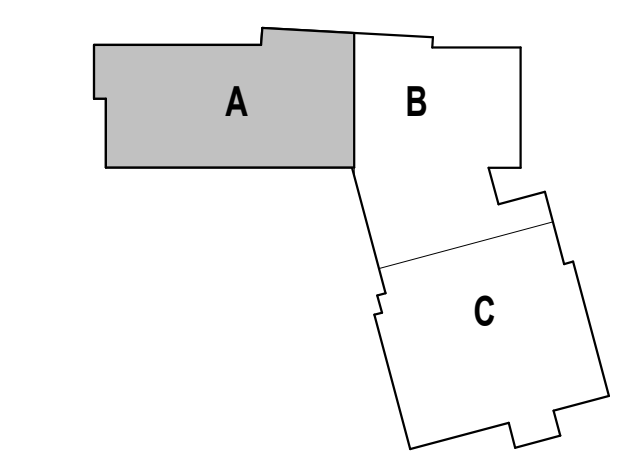
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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
SECOND FLOOR
FIRE ALARM PLAN
- ZONE A**

DRAWN BY: RBC/JAJ

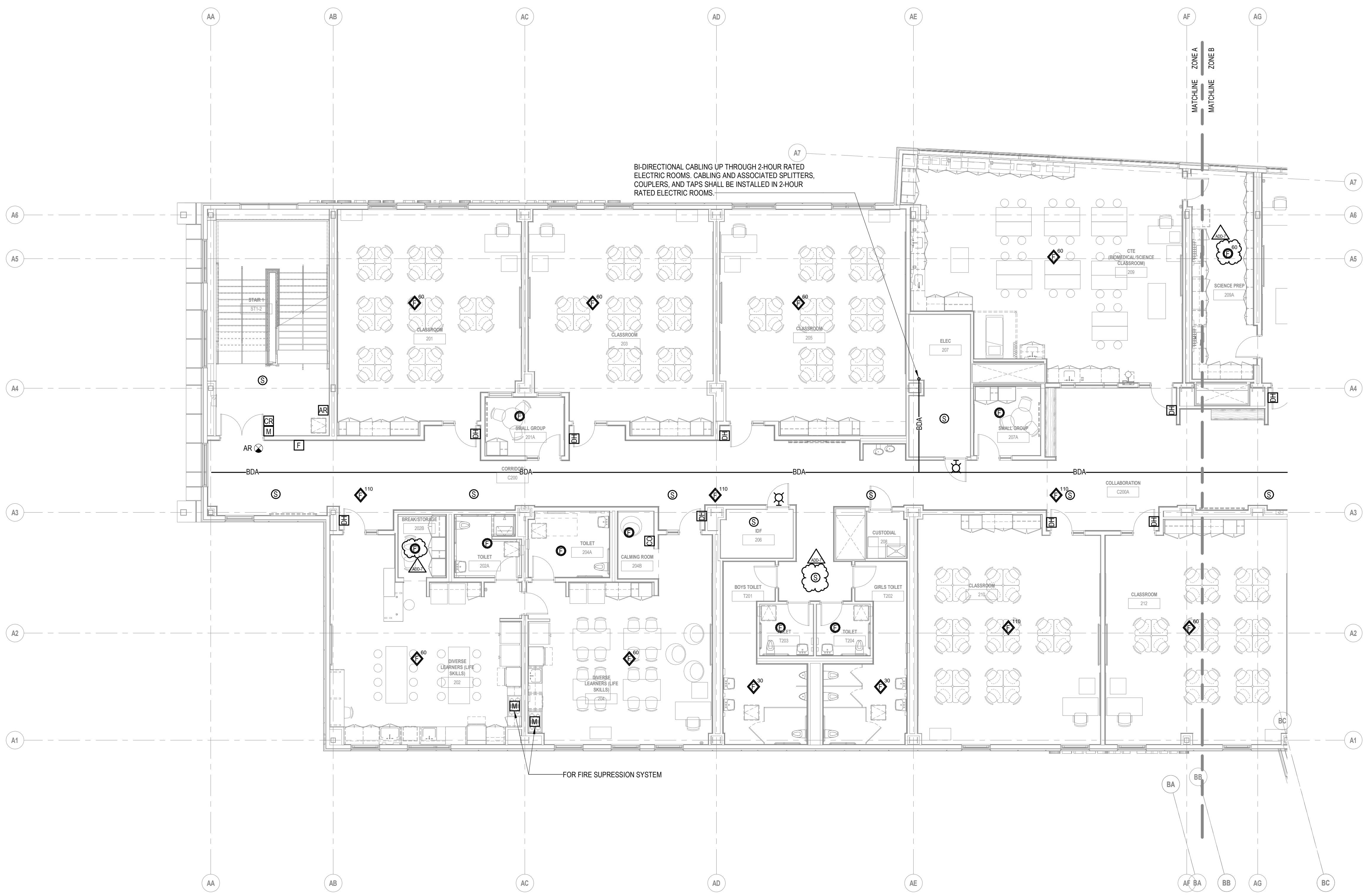
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1 SECOND FLOOR FIRE ALARM PLAN - ZONE A
1/8" = 1'-0"



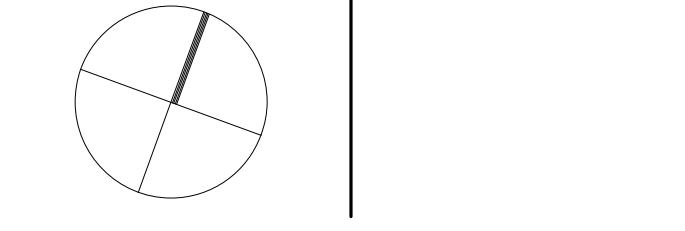
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1/8" = 1'-0"

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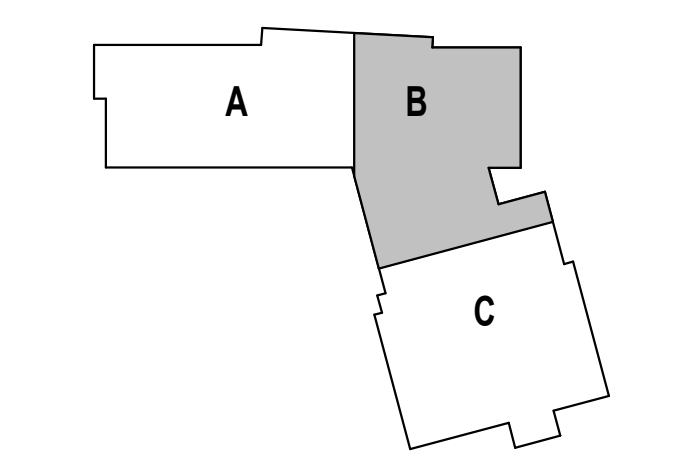
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KEYPLAN



DRAWING NAME:

**ELECTRICAL
SECOND FLOOR
FIRE ALARM PLAN
- ZONE B**

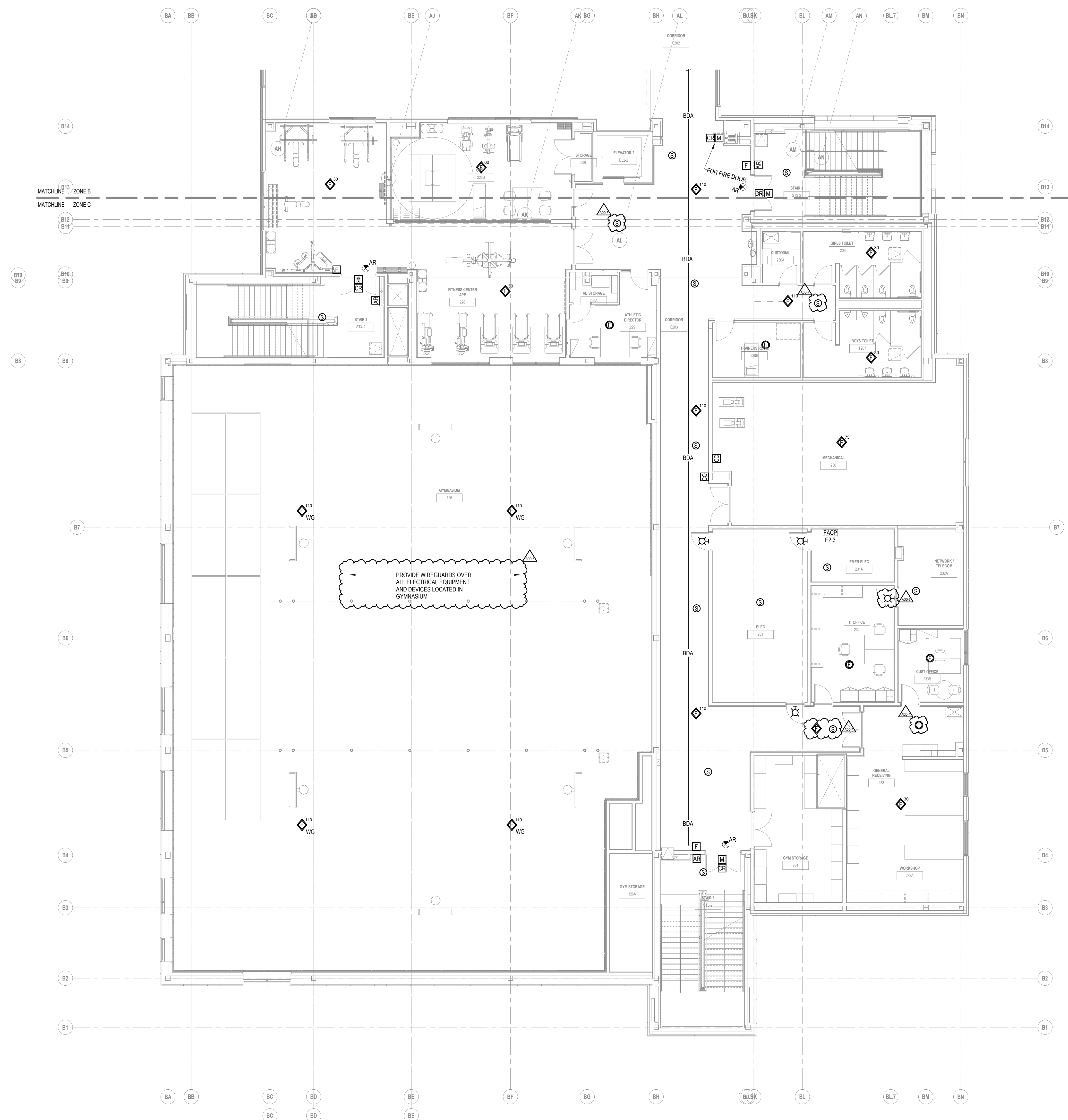
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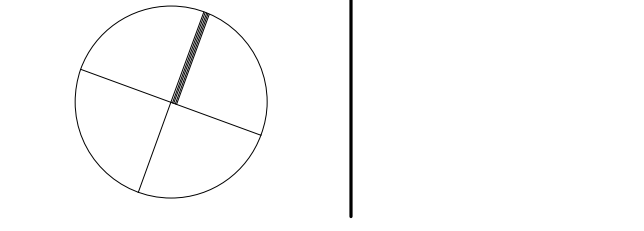
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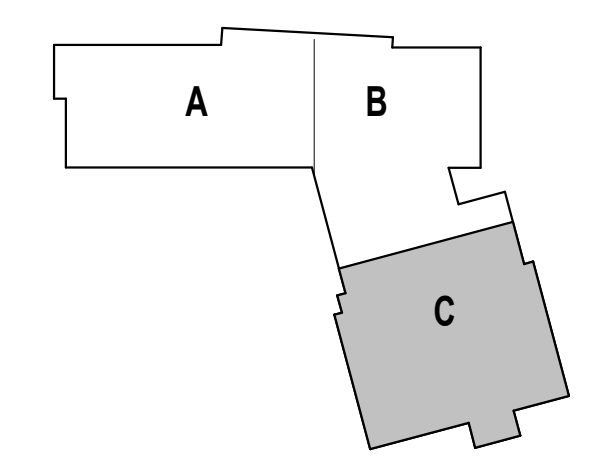
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DRAWING NAME:

**ELECTRICAL
SECOND FLOOR
FIRE ALARM PLAN
- ZONE C**

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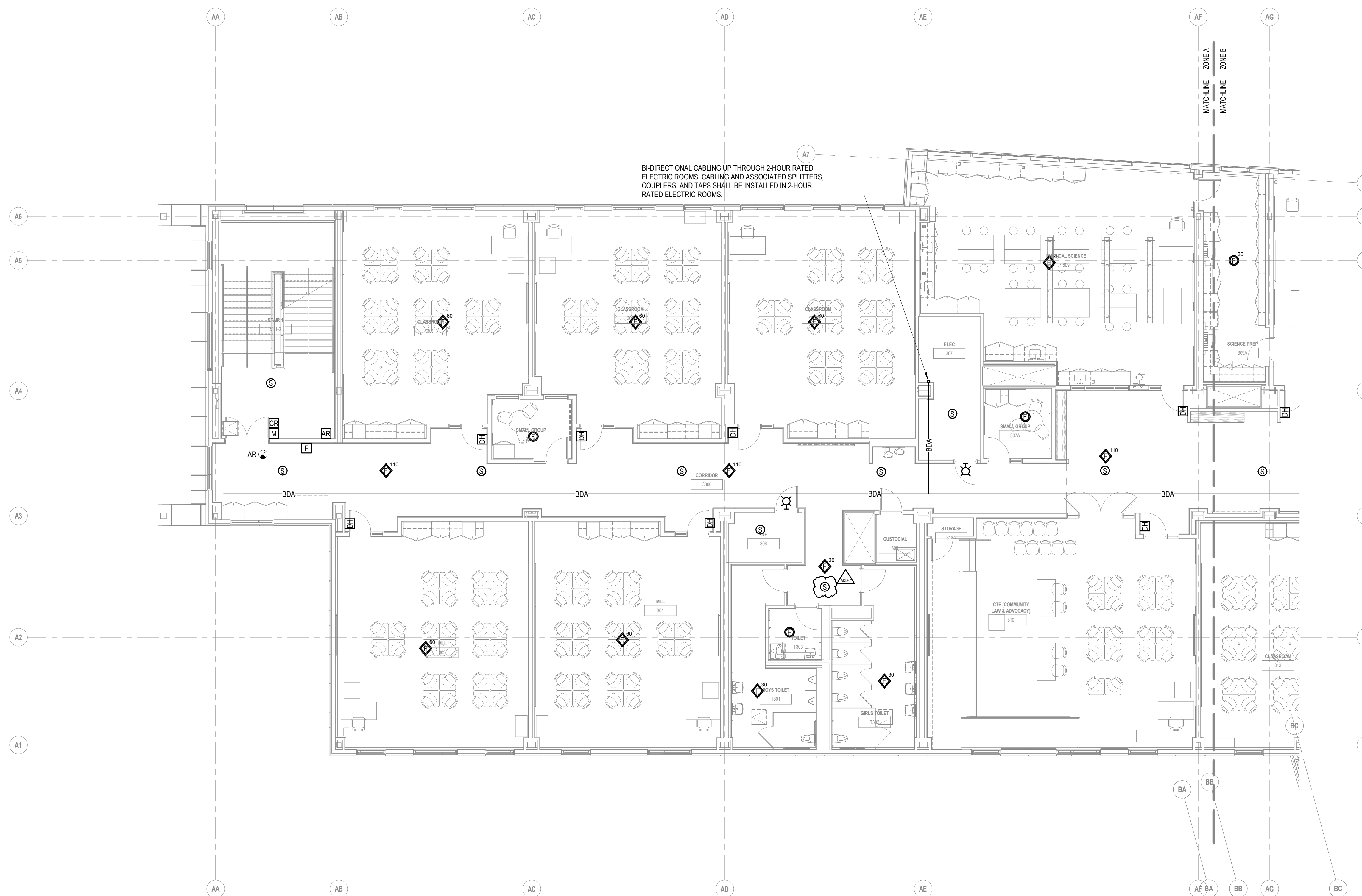
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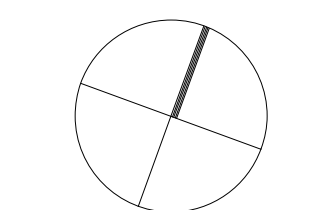
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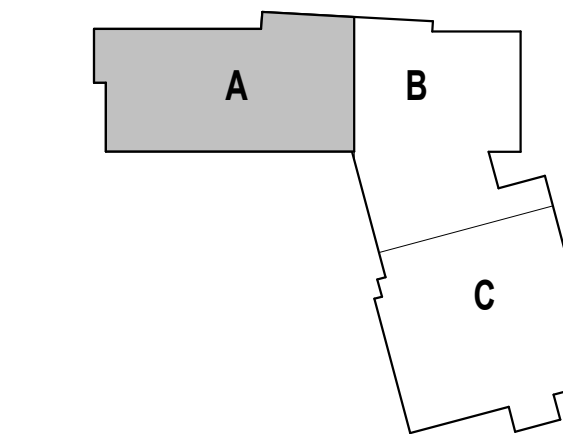
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KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
THIRD FLOOR FIRE
ALARM PLAN -
ZONE A**

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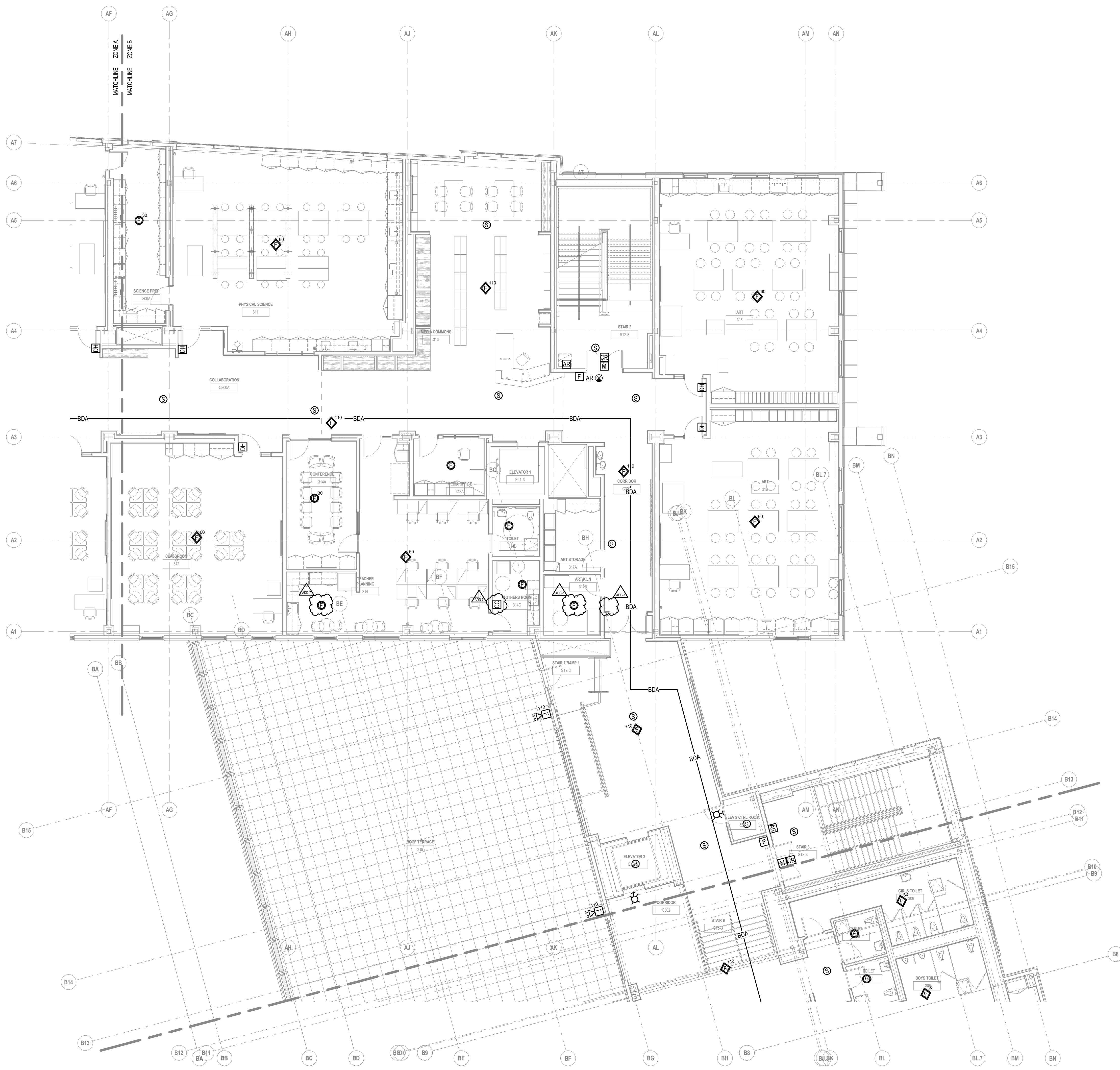
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DATE: OCTOBER 13, 2023

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1 THIRD FLOOR FIRE ALARM PLAN - ZONE B
1/8" = 1'-0"

KEYNOTE LEGEND:

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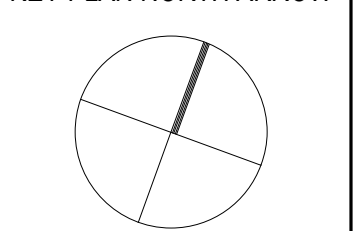
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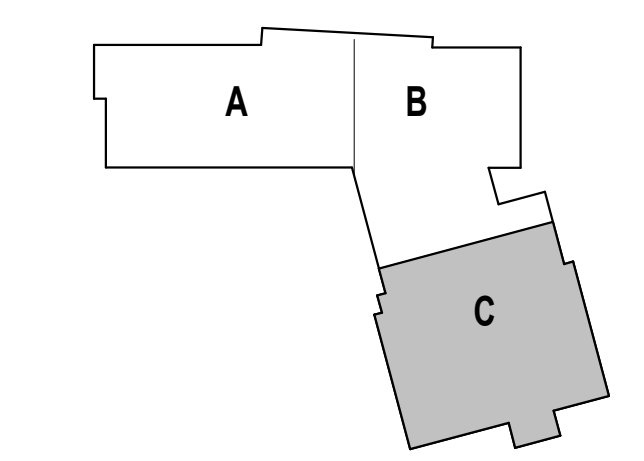
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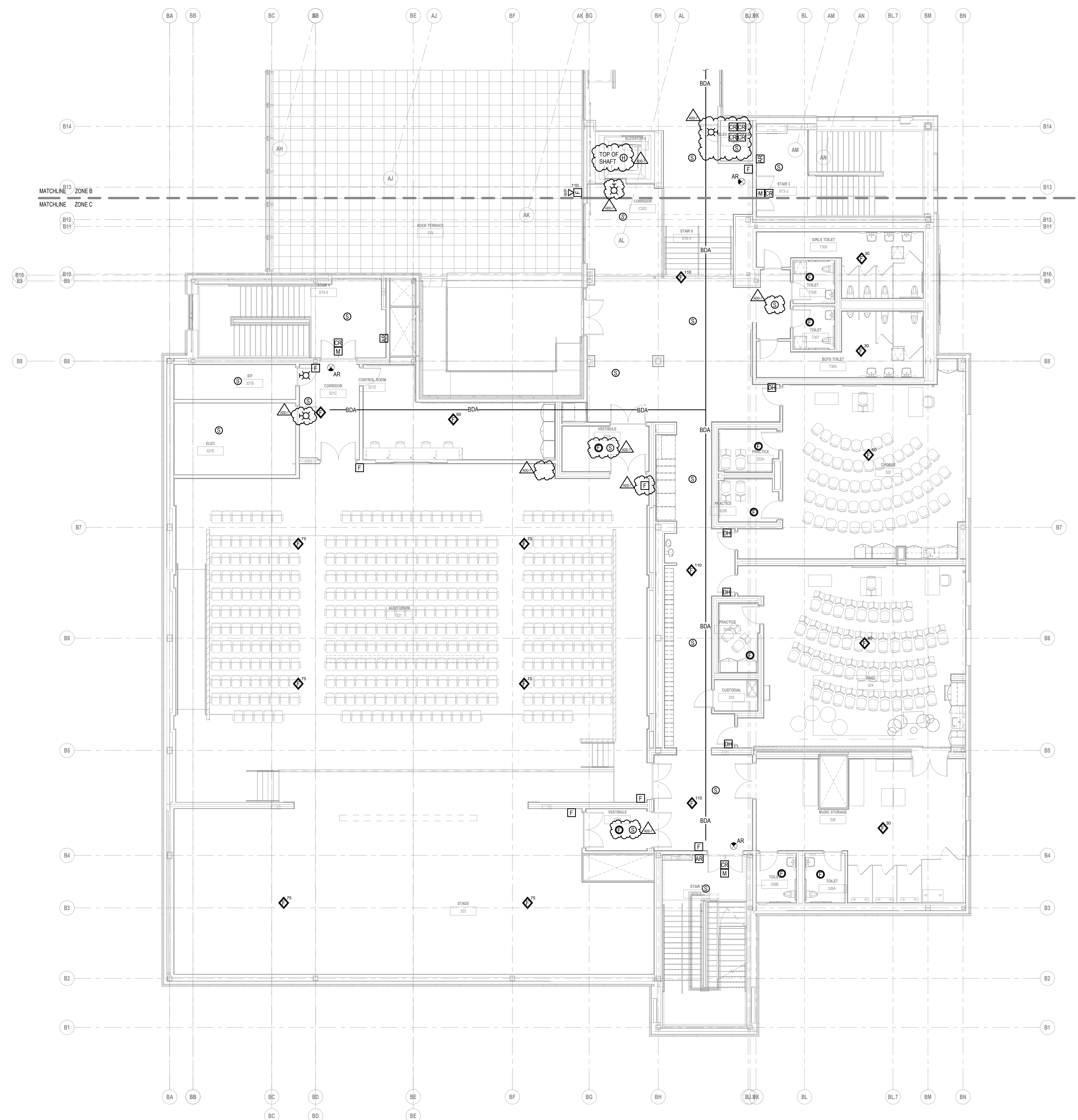
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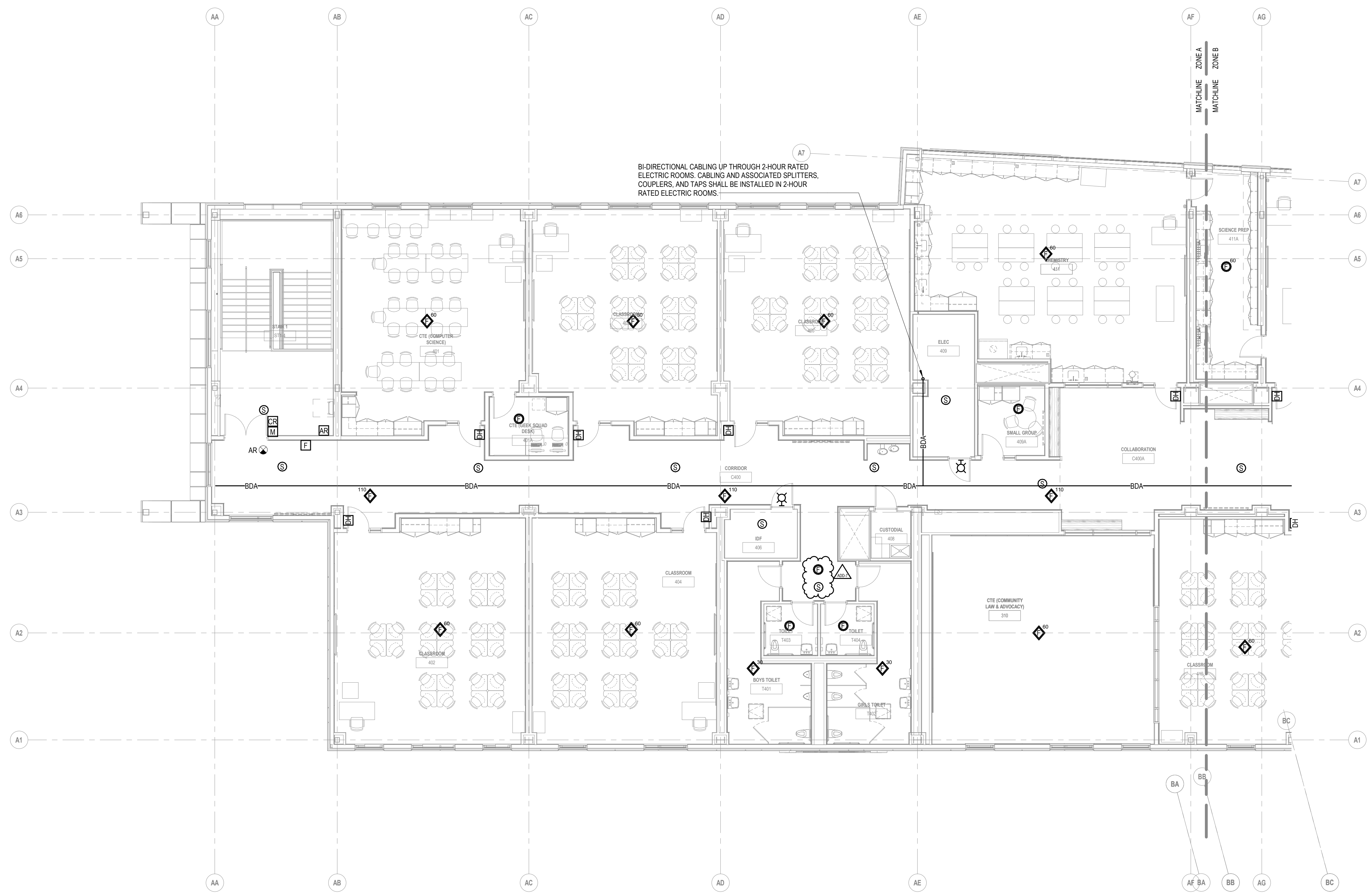


**ELECTRICAL
THIRD FLOOR FIRE
ALARM PLAN -
ZONE C**



1 THIRD FLOOR FIRE ALARM PLAN - ZONE C
1/8" = 1'-0"

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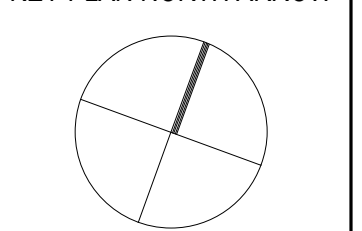


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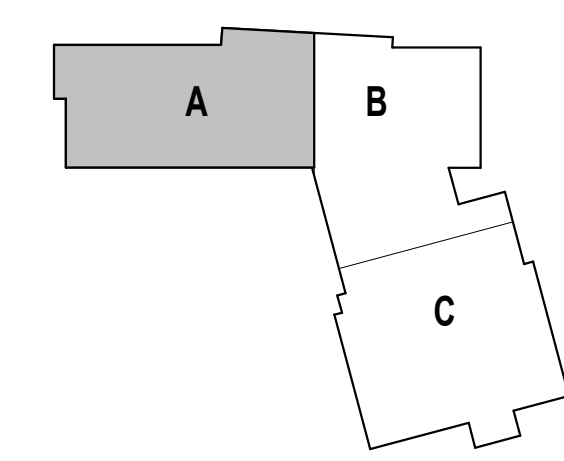
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KEY PLAN NORTH ARROW



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DRAWING NAME:

**ELECTRICAL
FOURTH FLOOR
FIRE ALARM PLAN
- ZONE A**

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JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

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1 FOURTH FLOOR FIRE ALARM PLAN - ZONE A
1/8" = 1'-0"



1 FOURTH FLOOR FIRE ALARM PLAN - ZONE B
1/8" = 1'-0"

Griffith & Vary, Inc.
Consulting Engineers
12 Kendrick Road
Wareham, MA 02571
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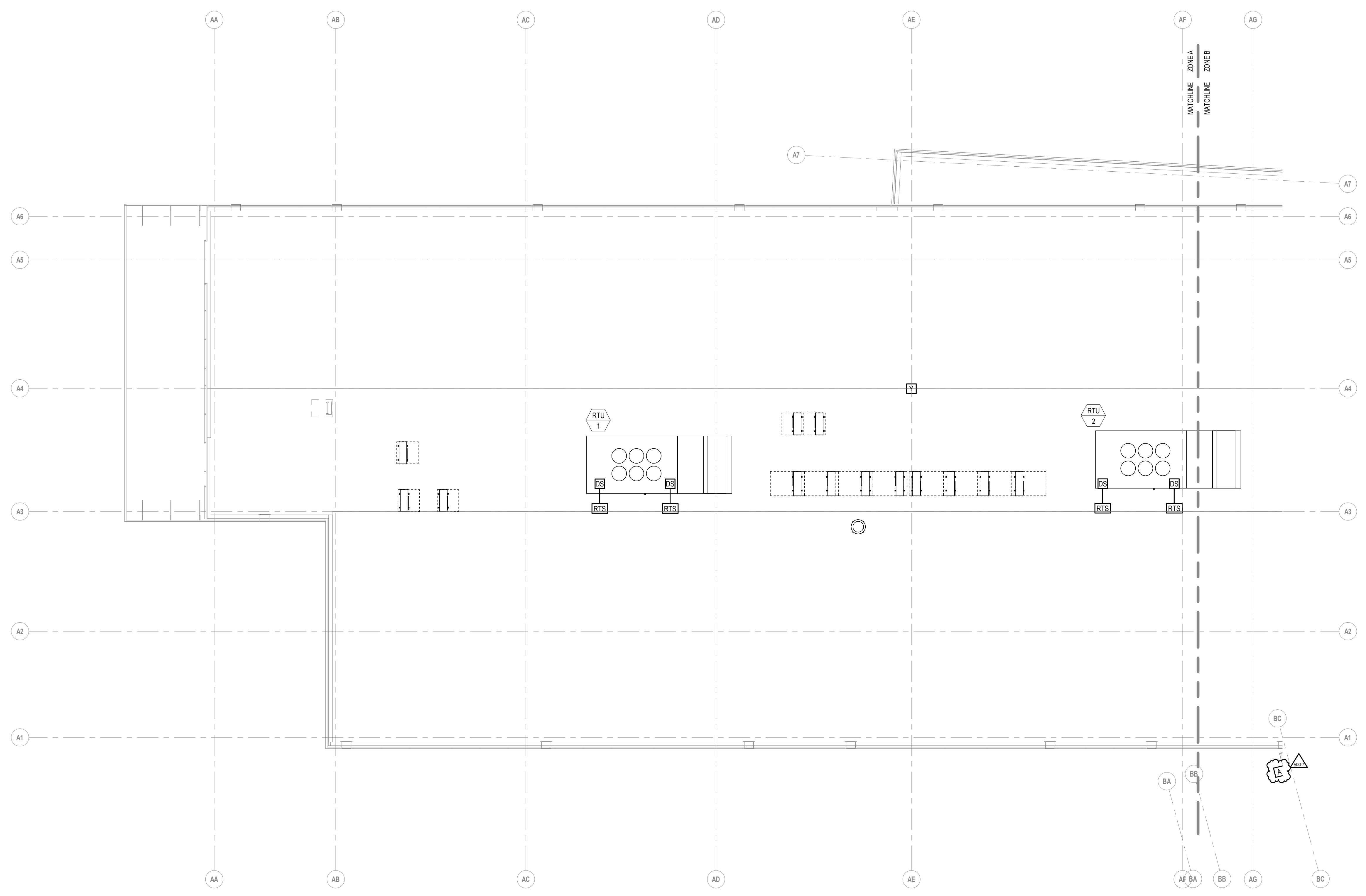
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DATE: OCTOBER 13, 2023 **EF3.14B**

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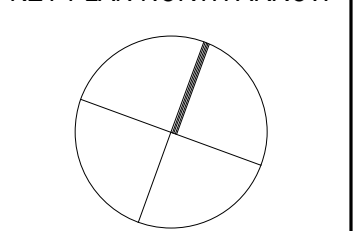
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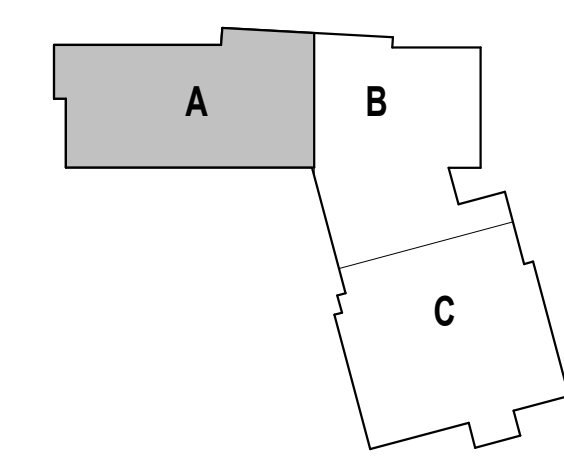
ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
ROOF FIRE ALARM
PLAN - ZONE A**

DRAWN BY: RBC/JAJ

REVIEWED BY: RCB

SCALE: AS NOTED | DRAWING NUMBER:

JOB NO.: 2202.02

DATE: OCTOBER 13, 2023

EF3.15A

1 ROOF FIRE ALARM PLAN - ZONE A
1/8" = 1'-0"

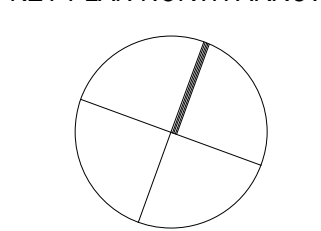
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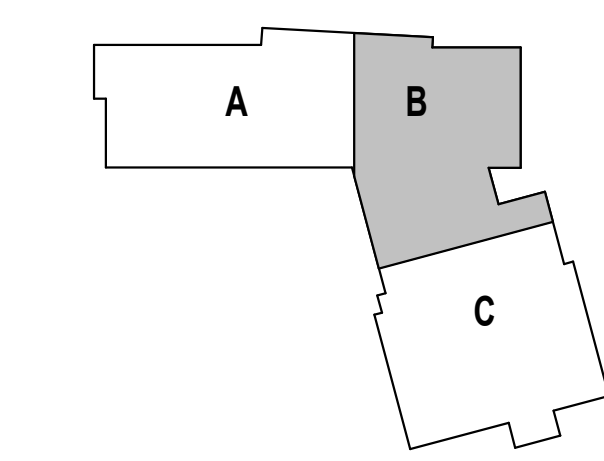
ADD-7 ADDENDUM 7 1/26/2024

100% CONSTRUCTION DOCUMENTS

KEY PLAN NORTH ARROW



KEYPLAN



DRAWING NAME:

**ELECTRICAL
ROOF FIRE ALARM
PLAN - ZONE B**

DRAWN BY: RBC/JAJ

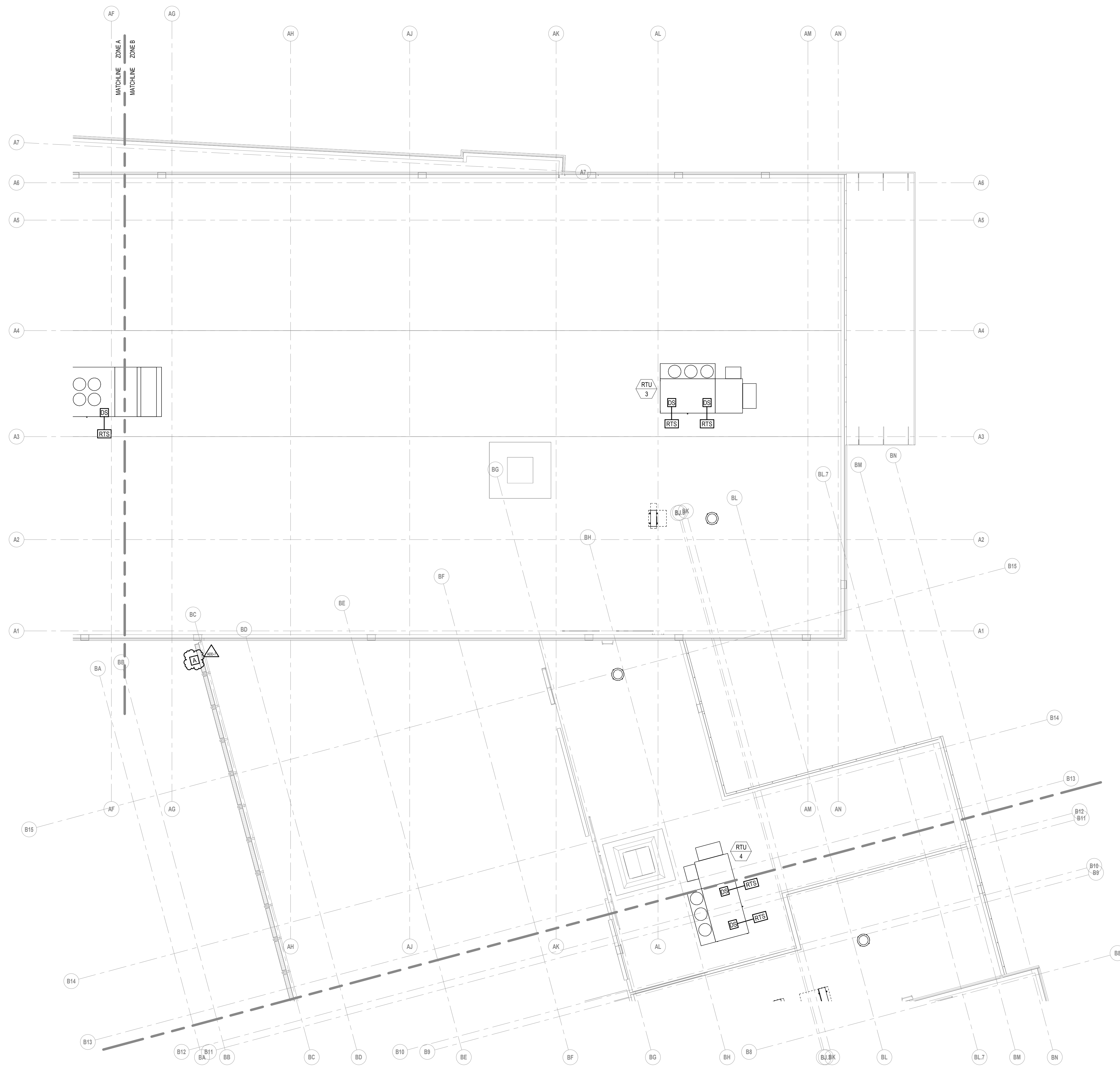
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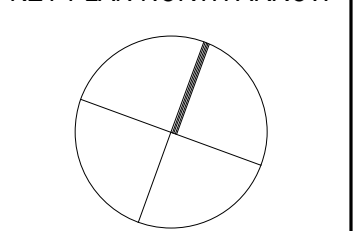
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DATE: OCTOBER 13, 2023

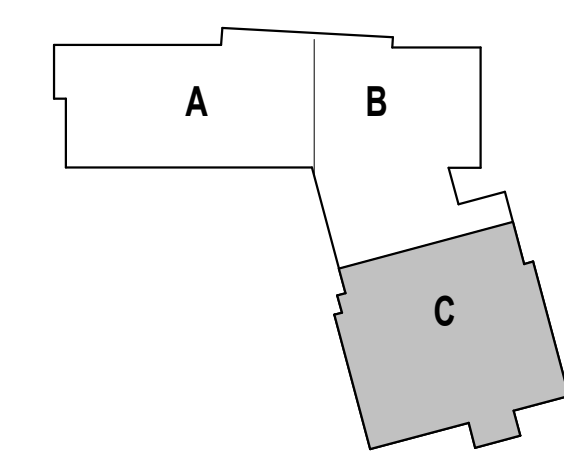
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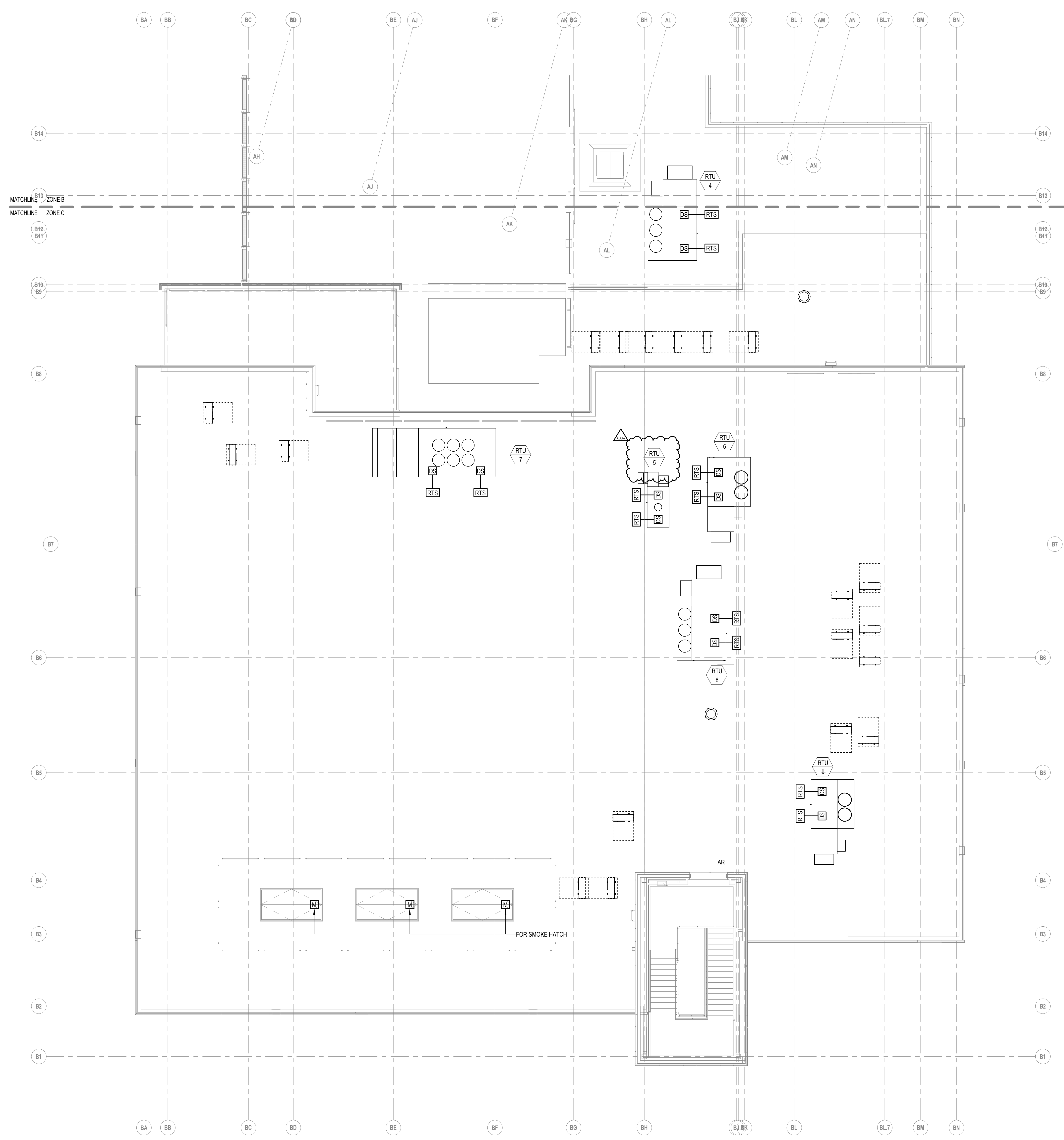
1 ROOF FIRE ALARM PLAN - ZONE B
1/8" = 1'-0"



KEYPLAN



**ELECTRICAL
ROOF FIRE ALARM
PLAN - ZONE C**



1 ROOF FIRE ALARM PLAN - ZONE C
1/8" = 1'-0"



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

OFFICE OF LAND REVITALIZATION & SUSTAINABLE MATERIALS MANAGEMENT

235 Promenade Street, Providence, Rhode Island 02908

REMEDIAL APPROVAL LETTER

January 23, 2024

File No. SR-04-2061

File No. SR-04-2061 B

Jim Vandermillen, Director
City of Central Falls
Department of Planning and Economic Development
580 Broad Street
Central Falls, RI 02863

RE: Higginson Avenue School
10 Higginson Avenue, and 756 & 770 Lonsdale Avenue
Central Falls, Rhode Island
Portion of Plat Map 9 / Lot 50, and Plat Map 9 / Lots 26 & 203, respectively

Dear Mr. Vandermillen:

On April 22, 2020, the Rhode Island Department of Environmental Management's (the Department) Office of Land Revitalization and Sustainable Materials Management (LRSMM) enacted the codified 250-RICR-140-30-1, Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (the Remediation Regulations). The purpose of these regulations is to create an integrated program requiring reporting, investigation, and remediation of contaminated sites in order to eliminate and/or control threats to human health and the environment. A Remedial Approval Letter (RAL) is a document used by the Department to approve remedial actions at contaminated sites that do not involve the use of complex engineered systems or techniques (e.g. groundwater pump and treat systems, soil vapor extraction systems, etc.).

In the matter of the above-referenced property (the Site), the Department's Office of LRSMM is in receipt of the following documentation submitted pursuant to the Remediation Regulations in response to the reported release at the Sites:

SR-04-2061, 10 Higginson Avenue:

1. Notification of Release (NOR) Package, received by the Department on December 2, 2021, and prepared by SAGE Environmental, Inc. (SAGE);
2. Pre-SIR Public Notice and Environmental Justice Package, received by the Department on January 31, 2022, and prepared by SAGE;
3. Newspaper Tear Sheet, received by the Department on February 10, 2022, and prepared by SAGE;

4. Pre-Site Investigation Public Hearing Transcript, received by the Department on April 5, 2022, and prepared by SAGE;
5. Site Investigation Report (SIR), received by the Department on December 8, 2022, and prepared by SAGE;
6. SIR Response to Comment, received by the Department on February 27, 2023, and prepared by SAGE;
7. Public Notice Package, received by the Department on March 20, 2023, and prepared by SAGE;
8. Higginson Avenue School Construction Investigation – Public Comment, received by the Department on March 30, 2023, and prepared by David A. Brown;
9. Response to Public Comment, received by the Department on May 8, 2023, and prepared by SAGE; and
10. Combined Remedial Action Work Plan (Combined RAWP), received by the Department on January 3, 2024, and prepared by SAGE.

SR-04-2061 B, 756 & 770 Lonsdale Avenue:

1. Release Notification Package, received by the Department on January 11, 2023, and prepared by SAGE Environmental, Inc. (SAGE);
2. Pre-SIR Public Notice Package, received by the Department on January 26, 2023, and prepared by SAGE;
3. Pre-SIR Public Meeting Summary, received by the Department on April 11, 2023, and prepared by SAGE;
4. Site Investigation Report (SIR), received by the Department on May 11, 2023, and prepared by SAGE;
5. Post-SIR Public Notice Package, received by the Department on July 28, 2023, and prepared by SAGE; and
6. Combined Remedial Action Work Plan (Combined RAWP), received by the Department on January 3, 2024, and prepared by SAGE.

Together these documents fulfill the requirements of Section 1.9 (Risk Management) and Section 1.10 (Remedial Action Work Plan (RAWP)) of the Remediation Regulations.

The preferred remedial alternative involves:

- Encapsulation of Site soils by the existing pavement and building foundation. All cracked and damaged areas of the existing pavement shall be repaired and sealed as part of the remediation. Areas of the Site not currently encapsulated by existing hardscape must be encapsulated by a Department-approved engineering control consisting of two (2) feet or clean fill or equivalent i.e. building foundations, one (1) foot of clean fill over a geotextile fabric, and/or four (4) inches of asphalt or concrete over six (6) inches of clean fill.
- Prior to SSDS activation, post construction sub-slab soil gas sampling is to be conducted to determine if indoor air sampling will be required. The threshold for indoor air sampling will be the MassDEP Residential Sub-Slab Soil Gas Screening Values (R-SSGSVs) for the following Contaminants of Concern (COCs): Toluene, trans-1,2-DCE, cis-1,2-DCE, PCE, and TPH via Method TO-15. Additionally, due to the detection of petroleum, sub-slab soil gas samples are to be analyzed for APH by the MassDEP method. If any COC exceeds the associated R-SSGSVs, quarterly indoor air sampling is to be conducted and compared to MassDEP Residential Indoor Air Threshold Values (R-TVs) for a minimum of one (1) year.
- Upon completion of sub-slab soil gas testing, a pilot test is to be conducted to ensure adequate fan size and radius of influence for system activation. Installation of a vapor barrier and the design & installation of an active sub-slab depressurization system (SSDS) based on the results of the pilot testing.
- An Environmental Land Usage Restriction (ELUR) shall be recorded on the deeds for the entire property for Plat Map 9, Lots 26 & 230, and for a portion of the property for Plat Map 9, Lot 50). As part of the ELUR, a Class I Survey will be required to define the portion of Lot 50 subject to the ELUR. The ELUR shall require the performance of annual inspections to document the status of the ELUR and the condition of the engineered controls. The ELUR shall also include a Department-approved Post-Remediation Soil Management Plan (SMP) which will address any future activities that may disturb on-Site soils. The ELUR shall be recorded for the entire property in the Land Evidence Records for the City of Central Falls, and a recorded copy forwarded back to the Department's Office of Land Revitalization & Sustainable Materials Management within fifteen (15) days of recording.

Based upon review and consideration of the above referenced documents, the Department approves the Combined RAWP through this RAL provided that:

1. All work must be performed in accordance with all applicable regulations and the Department approved Combined RAWP.
2. Start of the work described in the Department approved Combined RAWP must be initiated within sixty (60) days of issuance of this RAL.
3. Prior to initiating any remedial activities, the Department shall be provided with a list of all contractors, and their respective contact information, that will be used on Site to complete the remedial work described in the Department approved Combined RAWP. The Department shall

be notified, when feasible, a minimum of five (5) working days in advance of any changes in contractors and/or consultants involved with the remedial work on this Site. The notification must be promptly supplied in writing with complete contact information for each new contractor or consultant (including but not limited to company name and address, contact name and address, contact telephone number and e-mail address).

4. All excavated regulated soil, if not approved for encapsulation onsite, shall be disposed of off-site at an appropriately licensed disposal facility in accordance with all local, State, and Federal laws. Copies of the material shipping records and manifests associated with the disposal of the material shall be included along with the Closure Report.
5. Areas of the site where contaminated soils are to be excavated must be staged and temporarily stored in a designated area, as proposed in the Combined RAWP, of the site with proper polyethylene covers. Any stockpiled materials, including clean fill, must be underlain and covered with polyethylene sheeting and be secured at the end of each day with all appropriate erosion and sediment controls to limit the loss of the cover and protect against stormwater and wind erosion (i.e., hay bales, rocks, silt fencing). These appropriate sedimentation and erosion controls must be in place and in proper working order at all times until all disturbed areas are stabilized and capped as proposed. Within reason, the storage location will be selected to limit the unauthorized access to the materials (i.e., away from public roadways/walkways). No regulated soil will be stockpiled on-site for greater than thirty (30) days. In the event that stockpiled soils pose a risk or threat of leaching hazardous materials, a proper leak-proof container (i.e., drum or lined roll-off) or secondary containment will be required and utilized.
6. The Office of LRSMM no longer requires the submittal of analytical data prior to clean fill being brought to a Site. It is the sole responsibility of the Performing Party and their consultant to analyze the material, certify that the material meets the Department's Residential Direct Exposure Criteria (RDEC), as defined by the Remediation Regulations, for all constituents, and is suitable for use on the Site. The Office of LRSMM strongly suggests that enough representative samples of the clean fill are collected prior to moving the material to the Site to satisfy the Performing Party and their consultant that the material meets the RDEC. Please note that the Office of LRSMM reserves its rights to sample the fill, if suspect, to confirm compliance with the RDEC.
7. All regulated soil remaining onsite shall be encapsulated by an engineered control consistent with those described in the Department approved Combined RAWP.
8. Dust suppression techniques (i.e., watering) must be employed at all times during all soil disturbing/handling activities at the site in order to minimize the generation of fugitive dust.
9. Within sixty (60) days of completion of the work described in the Department approved Combined RAWP, a Closure Report detailing the remedial action and including any disposal documentation shall be submitted to the Office of LRSMM.
10. Within sixty (60) days of completion of the work described in the Department approved Combined RAWP, the final Department approved ELUR shall be recorded in the City of Central Falls Land Evidence Records for the property and a stamped, certified copy returned to the

Department within fifteen (15) days of recording. Upon receipt of a copy of the recorded (stamped) ELUR, the Office of LRSMM will issue a Letter of Compliance.

11. Following recording of the ELUR, the site shall be maintained and annually inspected to evaluate the compliance status of the site with the ELUR. Within thirty (30) days of each annual inspection, an evaluation report shall be prepared and submitted to the Office of LRSMM detailing the findings of the inspection and noting any compliance violations at the site.
12. As part of the operation and maintenance of the remedy, the sub-slab pressure shall be measured and the SSDS annually inspected to ensure that the SSDS is operating properly. As part of the annual ELUR inspection of the remedy, the efficacy of the SSDS shall be documented. Within thirty (30) days of each annual inspection, an evaluation report shall be prepared and submitted to the Office of LRSMM detailing the findings of the inspection and noting any compliance violations at the site.
13. Any changes in the activities detailed in the Combined RAWP shall be reported to the Office of LRSMM by telephone within one (1) working day and in writing within five (5) business days.
14. The Office of LRSMM shall be notified forty-eight (48) hours prior to initiating the remedial activities at the site associated with the Department approved Combined RAWP.
15. The Office of LRSMM shall be immediately notified of any site or operation condition that results in non-compliance with this RAL.

At this time, the Office of LRSMM offers its concurrence with the proposed remedial action for the property. The Department approves the Combined RAWP provided that all activities and procedures detailed in the Combined RAWP are strictly adhered to. Furthermore, this letter continues to place primary responsibility for the construction, operation, maintenance, and monitoring of the approved Combined RAWP and its associated implementation on the City of Central Falls. As the Responsible Party and Performing Party, the City of Central Falls is expected to implement the Combined RAWP in an expeditious and professional manner that prevents non-compliance with this RAL and said Combined RAWP and is protective of human health and the environment.

Please note that at this time the Department does not approve the ELUR for recording in the Land Evidence Records with the City of Central Falls. Please forward an electronic version of the draft ELUR and the post-construction SMP in red line / strikeout format for Department review and approval. The draft ELUR and SMP shall be reviewed and approved by the Department, followed by recording of the approved ELUR, at the completion of all remedial work.

This RAL does not remove your obligation to obtain any other necessary permits from other local, State, or Federal agencies.

If you have any questions regarding this letter or would like the opportunity to meet with Department personnel, please contact me by telephone at (401) 537-4359, or by E-mail at Joanna.Pawlina@dem.ri.gov.

Sincerely,

Joanna Pawlina

Joanna Pawlina
Environmental Scientist I
Office of Land Revitalization &
Sustainable Materials Management

Authorized by,

Ashley L. Blauvelt

Ashley L. Blauvelt, P.E.
Environmental Engineer IV
Office of Land Revitalization &
Sustainable Materials Management

Cc: Kelly Owens, RIDEM/LRSMM
Nicholas Pisani, RIDEM/OWR
Amy Mulhern, SAGE Environmental Inc.
Lacy Reyna, SAGE Environmental Inc.
Jacob Butterworth, SAGE Environmental Inc.