

ADDENDUM NO. 1

February 26, 2024

**Cherry Tree Elementary School Additions & Renovations
13989 Hazel Dell Parkway
Carmel, IN 46033**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated February 9, 2024, by Fanning/Howey. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 and attached Fanning/Howey Addendum No. 1 dated February 23, 2024, consisting of 19 items, 4 pages, Revised Drawing Sheets: G1.0, G1.2, S1.03, AD0.01, A0.01, A1.02, A3.02, A6.03, A7.01, A7.02, A7.03, A7.04, A7.10, A7S.01, A8.10, A8S.01, M2.01, M2.02, M4.01, M5.01, M6.01, E2.01, E4.02, E4.03, E5.01, E7.01, E8.01, T1.05, T3.03, T3.04, T3.10, and T5.01.

ADDENDUM NO. 1

Cherry Tree Elementary School Additions and Renovations

Carmel Clay Schools
Carmel, Indiana

Project No. 222011.00

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Addendum No. 1, 19 items, 4 pages

Revised Drawing Sheets: G1.0, G1.2, S1.03, AD0.01, A0.01, A1.02, A3.02, A6.03, A7.01, A7.02, A7.03, A7.04, A7.10, A7S.01, A8.10, A8S.01, M2.01, M2.02, M4.01, M5.01, M6.01, E2.01, E4.02, E4.03, E5.01, E7.01, E8.01, T1.05, T3.03, T3.04, T3.10, and T5.01

February 23, 2024

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller, License No. AR10800161
Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated February 9, 2024, for the Cherry Tree Elementary School Additions and Renovations for Carmel Clay Schools, 5201 E. 131st St., Carmel, Indiana 46033; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.
This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, SECTION 03 30 00 – CAST-IN-PLACE CONCRETE

- A. Delete 2.10, A., and F., in their entirety.
- B. Delete 3.14, C., 3., e., in its entirety.
- C. Delete 3.14, D., 2., c., in its entirety.

ITEM NO. 2. PROJECT MANUAL, SECTION 04 20 00 – UNIT MASONRY

- A. Article 2.6, B., 6., a., 1): Add “Refer to List of Finishes” after “Color A”.
- B. Article 2.6, B., 6., b., 1): Add “Refer to List of Finishes” after “Color B”.

ITEM NO. 3. PROJECT MANUAL, SECTION 07 27 26.02 – VAPOR-PERMEABLE-FLUID-APPLIED MEMBRANE AIR BARRIER

- A. Delete 2.3, A., 1., in its entirety.

ITEM NO. 4. PROJECT MANUAL, SECTION 08 41 13 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

- A. Add 2.4, I., 4., as follows:
 - “4. Deflection Closure/Clip: Formed aluminum “C” shape or continuous angles at top of interior storefront system to conceal deflection gap and allow for deflection of roof structure above storefront framing. No connection to storefront framing required.”

ITEM NO. 5. PROJECT MANUAL, SECTION 08 87 23 – SAFETY AND SECURITY FILM

- A. Article 1.1, A., 1.: Delete “(DFO)” at end of paragraph.

ITEM NO. 6. PROJECT MANUAL, SECTION 09 30 00 – TILING

A. Replace 1.6, A., as follows:

“A. Leave, at Project where directed, any remaining full size pieces of each type, color, pattern, and size for Owner’s maintenance.”

B. Add 2.8, B., 2., as follows:

“2. Where indicated on Drawings, provide factory colored metallic trim shapes and profiles for tile terminations, edges and transitions similar to Laticrete “AnyColor” Profiles and Trims.”

ITEM NO. 7. PROJECT MANUAL, SECTION 09 54 23 – LINEAR METAL CEILINGS.

A. Add 2.2, J., as follows:

“J. Suspension (Perimeter) Trim: 4 inch wide face, 9/16-inch horizontal legs with hems formed for attachment to the mounting clip; commercial quality cold-rolled 24-gauge steel, factory finished in based enamel paint finish, on all exposed surfaces.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.
 - a. Axiom Trims and Transitions; Armstrong World Industries.
 - b. Compasso Standard; USG Interior Systems.
 - c. Cloud Perimeter Trim; CertainTeed Ceilings.
 - d. Infinity; Rockfon.
2. Splice Plate: Steel in finish to match trim pans; formed for snap-fit into pan ends.
3. Attachment Clips: Hot-dipped galvanized steel in finish to match pans formed for snap-fit into pan and attached to suspension system members.
4. Corner Trim Pieces: To match trim.
5. Trim shall be straight and/or curved as indicated.
6. Color: Match adjacent linear metal pans”

B. Replace 2.3, A., 1., c., as follows:

“c. CertainTeed Metals”

ITEM NO. 8. PROJECT MANUAL, SECTION 09 65 13 – RESILIENT BASE AND ACCESSORIES

A. Delete 1.4, A. in its entirety.

B. Add 2.3, J., as follows:

“J. Vented Resilient Wall Base (VRB): Molded, vented, rubber or vinyl cove base; 4 by 3 by 48 inches; with premolded outside corners.

1. Color: Black, unless otherwise noted.”

ITEM NO. 9. PROJECT MANUAL, SECTION 09 65 16 – RESILIENT SHEET FLOORING

A. Replace 1.4, A., as follows:

“A. Leave, at Project where directed, any remaining full size pieces of each type, color, pattern, and size for Owner’s maintenance.”

B. Article 2.3: Add “(RSF-1)” after Article title.

ITEM NO. 10. PROJECT MANUAL, SECTION 09 65 19 – RESILIENT TILE FLOORING

A. Replace 1.5, A., as follows:

“A. Leave, at Project where directed, any remaining full size pieces of each type, color, pattern, and size for Owner’s maintenance.”

ITEM NO. 11. PROJECT MANUAL, SECTION 09 65 43 – LINOLEUM FLOORING

A. Article 1.1, A., 1: Add “(LSF)” at end of sentence.

B. Replace 1.5, A., as follows:

“A. Leave, at Project where directed, any remaining full size pieces of each type, color, pattern, and size for Owner’s maintenance.”

ITEM NO. 12. PROJECT MANUAL, SECTION 09 72 00 – WALL COVERINGS

A. Replace 1.5, A., as follows:

“A. Leave, at Project where directed, any remaining full or partial rolls or sheets of each type, color, pattern, and size for Owner’s maintenance.”

B. Add 2.5, C., as follows:

“C. Trim and Moldings: Extruded rigid plastic “J” shape material matching the Type III Wall Covering color to finish top of wainscot height materials.”

ITEM NO. 13. PROJECT MANUAL, SECTION 09 77 13 – STRETCHED-FABRIC WALL SYSTEMS

A. Delete Article 1.6 in its entirety.

ITEM NO. 14. PROJECT MANUAL, SECTION 09 91 23.61 – INTERIOR PAINTING/REPAINTING

A. Delete Article 1.10 in its entirety.

ITEM NO. 15. PROJECT MANUAL, SECTION 09 96 00 – HIGH PERFORMANCE COATINGS

A. Delete Article 1.8 in its entirety.

ITEM NO. 16. PROJECT MANUAL, SECTION 10 11 00 – VISUAL DISPLAY UNITS

A. Add 2.5, B., 5., as follows:

“5. Where indicated in the “List of Finishes”, provide unbacked acoustically transparent Xorel surfacing. Fabric shall be 12 oz per linear yard, 100% IFR Xorel by Carnegie.”

ITEM NO. 17. PROJECT MANUAL, SECTION 11 51 23 – LIBRARY STACK SYSTEMS

- A. Article 1.1, A., 1: Add "Discovery Center Casework" after "case" at end of paragraph.

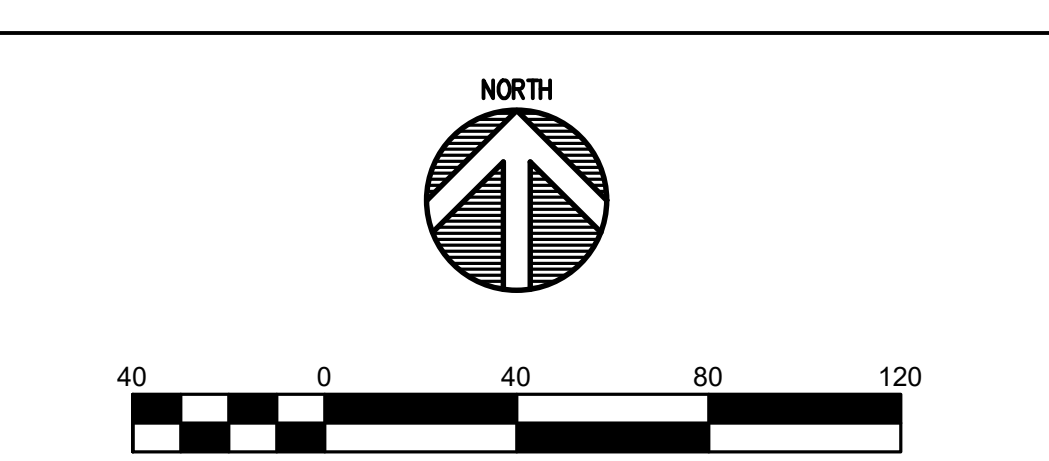
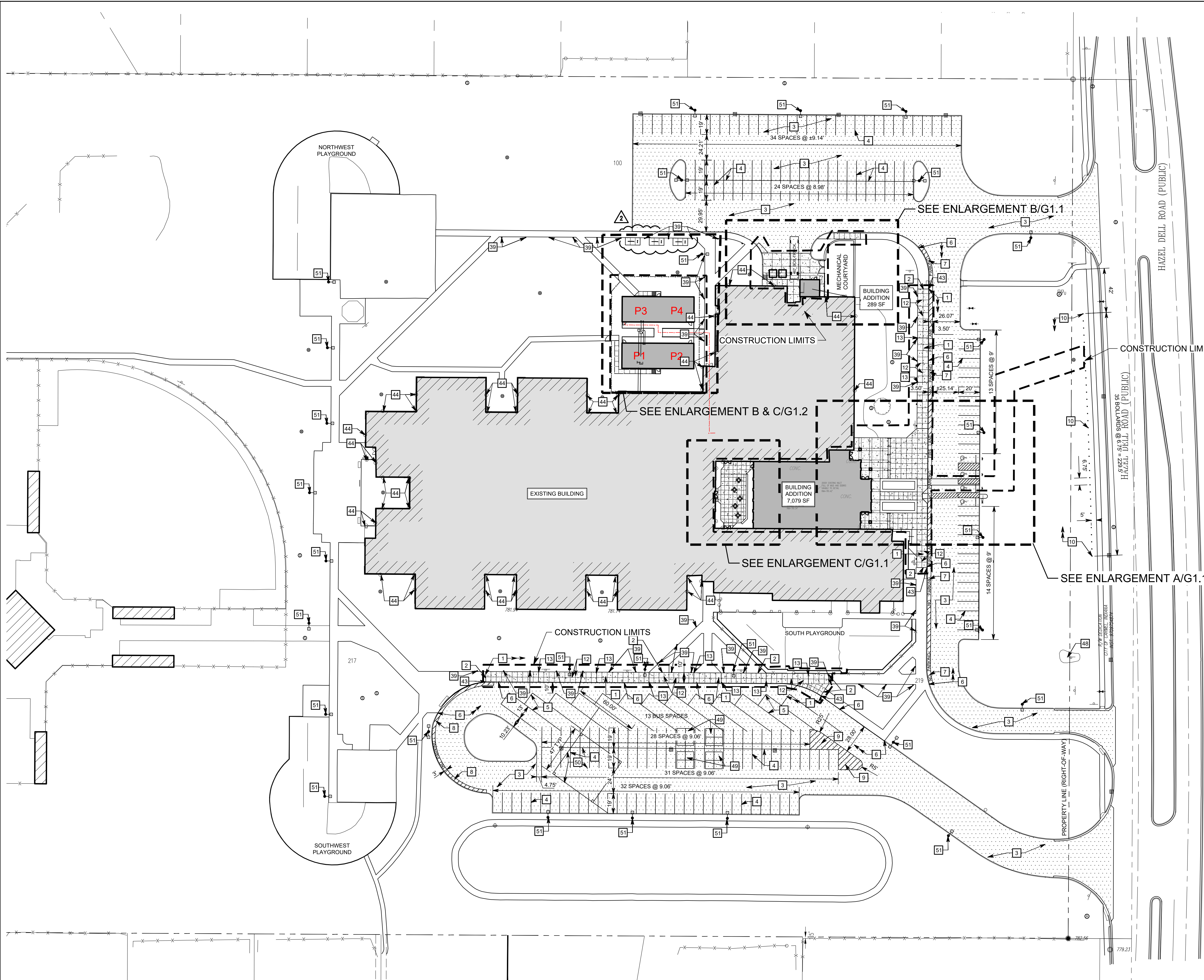
ITEM NO. 18. PROJECT MANUAL, SECTION 12 24 13 – ROLLER WINDOW SHADES

- A. Article 2.2, E: Add "(RWS-1)" after "(exposed/between jamb installations)" at beginning of paragraph.
- B. Article 2.2, F., 1: Add "(RWS-2)" after "Recessed Shade Pocket" at beginning of paragraph.
- C. Add 2.2, I., as follows:
- "I. Installation Accessories:
1. Exposed Headbox (RWS-3): Rectangular, extruded-aluminum enclosure including front fascia, top, back covers, endcaps, and removable bottom closure.
- a. Height: Manufacturer's standard height required to enclose roller and shadeband assembly when shade is fully open, but not less than 4 inches.
- b. Conceal fasteners to attach headbox to wall construction."
- D. Article 2.3, B: Add "(RWS-1)" after "Light-Filtering Fabric" at beginning of paragraph.
- E. Article 2.3, C: Add "(RWS-2 and RWS-3)" after "Light-Blocking Fabric" at beginning of paragraph.
- F. Article 2.4, B., 2: Add "and recessed ceiling mounted" after "Outside Jamb Installation".

ITEM NO. 19. REVISED DRAWING SHEETS

- A. Drawing Sheets: G1.0, G1.2, S1.03, AD0.01, A0.01, A1.02, A3.02, A6.03, A7.01, A7.02, A7.03, A7.04, A7.10, A7S.01, A8.10, A8S.01, M2.01, M2.02, M4.01, M5.01, M6.01, E2.01, E4.02, E4.03, E5.01, E7.01, E8.01, T1.05, T3.03, T3.04, T3.10, and T5.01 have been revised, dated 2/23/24, and is included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM



GENERAL NOTES

- SEE DRAWING G0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY SCHNEIDER GEOMATICS DATED 08/05/2023. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- THE PROPOSED STORM SEWER SYSTEM FOR THIS PROJECT WILL BE PRIVATE OWNED.
- FLOOD ROUTING PATH FROM BUILDING ADDITION AND PARKING LOT WHEN 100 YEAR FLOOD IS EXCEEDED. PATH TRAVELS IN A EASTERLY DIRECTION TO EXISTING INLETS LOCATED ON THE WEST SIDE OF HAZEL DELL PARKWAY. THESE INLETS FLOW TO FREEMONT RANDALL DRAIN (VEST - KIRKENDALL DRAINAGE AREA) ULTIMATELY DISCHARGING TO THE WHITE RIVER.
- NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
- UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONTACT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPERS RESPONSIBILITY TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
- DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY.
- REFER TO SHEET E2.01 FOR LIGHT BOLLARD AND LIGHPOLE INFORMATION.
- REFER TO SHEET SU1.0 FOR DOWNSPOUT BOOT DETAIL REPLACEMENT.
- ALL EXISTING PERIMETER ROAD DRAINAGE STRUCTURES AND BRIDGES ACROSS THE FRONTAGE OF THIS DEVELOPMENT ARE INDICATED ON THE PLANS. PROVISIONS HAVE BEEN MADE TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES AS NECESSARY OR AS REQUEST BY THE CITY OR ACCOMMODATE THE PAVEMENT WIDENING, AUXILIARY LANES, MULTI-USE PATH, AND ANY OTHER REQUIRED IMPROVEMENTS TO THE PROPERTY OR THE ROADWAY. THE COST TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES WILL BE BORNE BY THE DEVELOPER.
- ALL PAVING WITHIN THE EXISTING AND PROPOSED CITY RIGHT-OF-WAY SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF ENGINEERING. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF ENGINEERING TO SCHEDULE A PRE-CONSTRUCTION MEETING TO REVIEW THE DEPARTMENT'S CONSTRUCTION REQUIREMENTS. STAFF NOTIFICATION REQUIREMENTS, REQUIRED INSPECTIONS FOR CERTAIN STAGES OF THE WORK AND TO REVIEW THE AUTHORITY OF THE DEPARTMENT AS IT RELATES TO WORK WITHIN THE EXISTING AND PROPOSED RIGHT-OF-WAY.

SITE KEYNOTES

- CONCRETE MONOLITHIC CURB & WALK - PER DETAIL B/G4.1
- CONCRETE CONNECTION - PER DETAIL F/G4.1
- 1 1/2" ASPHALT SURFACE OVERLAY - PER DETAIL F/G4.2
- 4" WIDE WHITE PAVEMENT MARKING - PER SPECIFICATIONS
- 4" WIDE YELLOW PAVEMENT MARKING - PER SPECIFICATIONS
- PAINT CURB YELLOW - PER SPECIFICATIONS
- 4" WIDE YELLOW PAVEMENT STRIPE AT 3'-0" O.C. AT 45° ANGLE W/ NO PARKING FIRE LANE TEXT - PER DETAIL C/G4.2
- 4" WIDE WHITE PAVEMENT STRIPE AT 3'-0" O.C. AT 45° ANGLE W/ NO PARKING TEXT - PER DETAIL C/G4.2
- 4" WIDE WHITE PAVEMENT STRIPE AT 3'-0" O.C. AT 45° ANGLE - PER DETAIL C/G4.2
- WOOD BOLLARD - PER DETAIL L/G4.2
- CONCRETE CONTROL JOINT - SEE DETAIL - PER DETAIL C/G4.1
- CONCRETE EXPANSION JOINT - SEE DETAIL - PER DETAIL C/G4.1
- SEE SHEET E2.01 FOR LIGHT BOLLARD INFORMATION AND SPECIFICATIONS & DETAIL 8/E1.02 FOR FOUNDATION DETAIL.
- CURB TO CURB CONNECTION - PER DETAIL K/G4.1
- REMOVE EXISTING DOWNSPOUT BOOT AND REPLACE WITH NEW DOWNSPOUT BOOT - PER DETAIL VSU2.1, SUCH THAT BOTTOM FLANGE OF BOOT IS 1" ABOVE CONCRETE SIDEWALK. PROVIDE EXPANSION JOINT AND CHAILING AROUND DOWNSPOUT BOOT. REPAIR SIDEWALK AND ADJACENT GROUND TO ORIGINAL OR BETTER CONDITION
- CLEAN AND TUCK POINT MASONRY JOINTS ON EXISTING MONUMENTAL SIGN - SEE MASONRY SPECIFICATIONS AND DETAIL H/G4.2
- 16' X 16' PAINTED 4 SQUARE COURT - THE QUADRANTS ARE TO BE PAINTED GREEN, BLUE, RED & YELLOW W/ A 1" WHITE BORDERS
- 2" WIDE PAINTED LINES FOR KICKBALL FIELD W/ 2' X 2' PAINTED BASES AT EACH CORNER AND 2' LONG PAINTED PITCHERS MOUND
- SEE SHEET E2.01 FOR LIGHT POLE INFORMATION, SPECIFICATIONS & DETAIL 8/E1.02 FOR FOUNDATION DETAIL. (FOR NEW LIGHT POLES)

PROPOSED SITE LEGEND

- EXISTING BUILDING
- BUILDING ADDITION
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- 1 1/2" ASPHALT SURFACE OVERLAY
- CONSTRUCTION LIMITS

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CHERRY TREE ELEMENTARY SCHOOL ADDITION AND RENOVATION

13989 HAZEL DELL PARKWAY
CARMEL, IN 46033

CARMEL CLAY SCHOOLS



ARCHITECT

FANNING HOWE

317-848-0966

WWW.FHAI.COM

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CONSULTANT

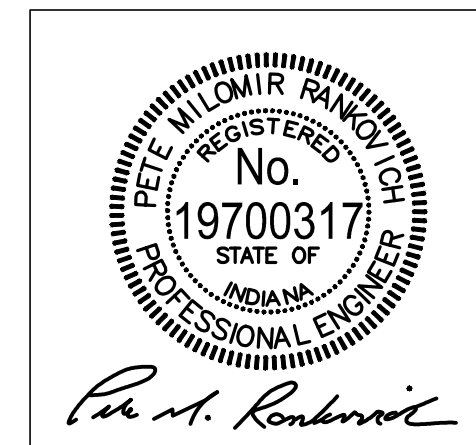


317-334-1500

TLF-ENGINEERS.COM

3901 WEST 86TH STREET, ST# 200, INDIANAPOLIS, IN 46268

ADDENDUM #1



DRAWN BY: ARS

PROJECT NUMBER: 222011.00

PROJECT ISSUE DATE: 2/23/2024

REV. NO.	DESCRIPTION	DATE
1	TAC REVIEW	12-15-2023
2	ADDENDUM #1	2-23-2024

OVERALL
SITE LAYOUT PLAN

G1.0

Drawing Path: P:\2023\100\142\CA0\Civil\Drawings\2023-142_C1_0_Overall_Site_Layout_Plan.dwg
Plotted By: cshaller Time of Plot: 2/22/24 - 2:30pm Last Edited: 2/22/24 - 1:34pm



Know what's below.
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Call 811 or 1-800-382-6544 Before You Begin Any Digging Project.
Call 48 hours or 2 working days before you dig.
It's Fast, It's Easy and It's the Law in the state of Indiana!

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

13989 Hazel Dell Pkwy, Carmel, IN
46033



317-848-0966 WWW.FHAI.COM

350 E. New York St, Indianapolis IN 46204

CONSULTANT



KEY PLAN

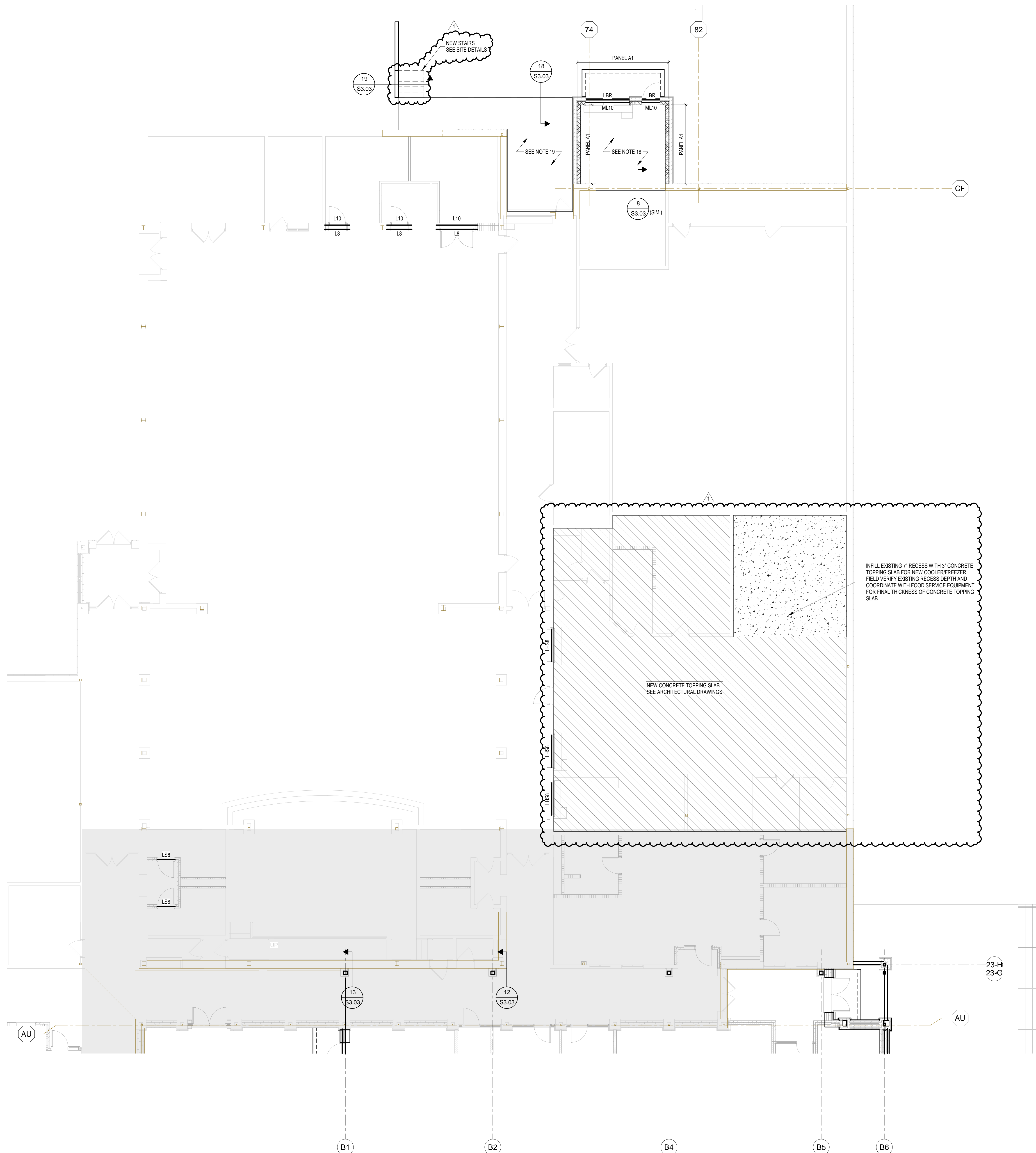
BIDS



REV. NO.△	DESCRIPTION
1	ADDENDUM 1

UNIT A - SLAB AND MASONRY PLAN

S1.03



CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

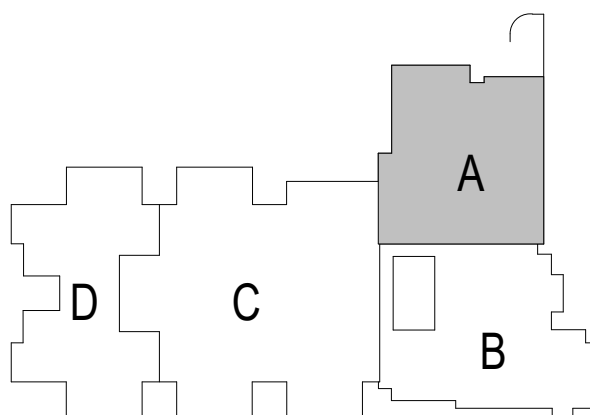
CARMEL CLAY SCHOOLS



ARCHITECT

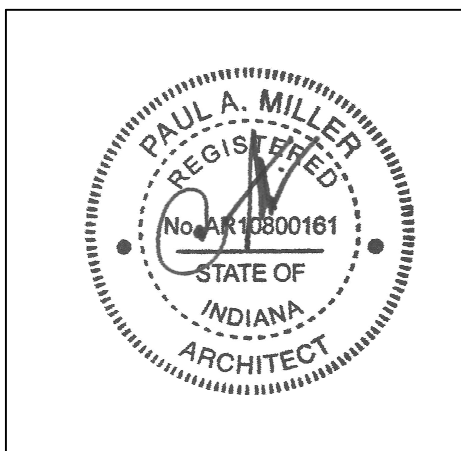
FANNING
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350 E. NEW YORK ST., INDIANAPOLIS IN 46204



KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: TPV
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

UNIT A DEMOLITION PLAN

AD0.01

ARCHITECTURAL DEMOLITION GENERAL NOTES

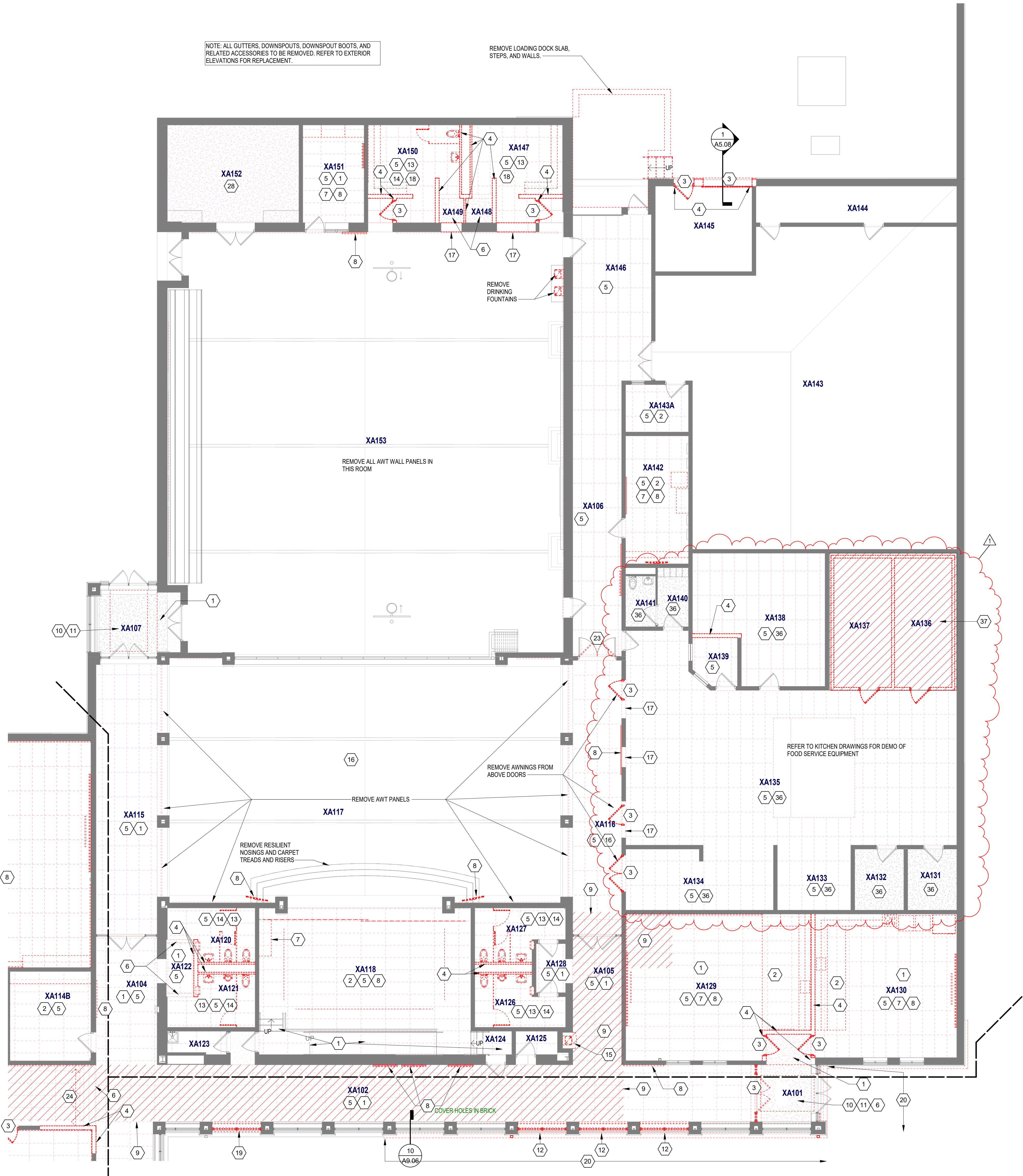
- DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
- "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLAB AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
- "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
- WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
- AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
- MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
- COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE. STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
- PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
- MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
- OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
- ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.

DEMOLITION PLAN NOTES

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- REMOVE EXISTING CARPET FLOOR AND RESILIENT BASE
 - REMOVE EXISTING VCT FLOOR AND RESILIENT BASE
 - REMOVE EXISTING DOOR AND FRAME
 - REMOVE EXISTING MASONRY WALL
 - REMOVE EXISTING ACT CEILING
 - REMOVE EXISTING GWB CEILING/BULKHEAD
 - REMOVE EXISTING CASEWORK AS SHOWN
 - REMOVE EXISTING EQUIPMENT AS SHOWN
 - SAW/CUT AND REMOVE CONCRETE SLAB AS REQUIRED FOR UNDERSLAB PLUMBING WORK
 - REMOVE PORCELAIN TILE FLOOR AND BASE
 - REMOVE RECESSED FLOOR MAT AND INFILL RECESS WITH CONCRETE FLOOR PATCH TO BE LEVEL WITH ADJACENT SLAB
 - REMOVE EXISTING STOREFRONT WINDOW, BULKHEAD ABOVE AND MASONRY WALL BELOW
 - REMOVE ALL CMT FLOOR AND BASE, AND ALL CERAMIC WALL TILE
 - REMOVE ALL FIXTURES, TOILET PARTITIONS, AND RESTROOM ACCESSORIES
 - REMOVE DRINKING FOUNTAIN AND CMT
 - REMOVE RESILIENT SHEET FLOORING
 - PROVIDE NEW OPENING IN MASONRY WALL, SHORE AS REQUIRED FOR LINTEL INSTALLATION
 - REMOVE ALL METAL LOCKERS AND WOOD/CMU/CMT BENCH
 - REMOVE EXISTING STOREFRONT WINDOW, AND MASONRY WALL BELOW
 - REMOVE GFS WALL/BULKHEAD IN THIS AREA
 - REMOVE INTERIOR WINDOW AND FRAME
 - REMOVE ROOF AND STRUCTURE ABOVE IN THIS AREA. COORDINATE EXTENT OF DEMOLITION WITH NEW STRUCTURAL DRAWINGS
 - REMOVE DOORS, TRANSOM AND HARDWARE. FRAME TO REMAIN
 - REMOVE SIDE FOLDING GATE IN ITS ENTIRETY. INFILL HOLES IN MASONRY WALLS TO REMAIN WITH BRICK OR CMU TO MATCH EXISTING
 - REMOVE OPERABLE WALL, TRACK, AND ACCESSORIES. REMOVE STEEL BEAM AND ANY COLUMNS SUPPORTING ONLY OPERABLE WALL BEAMS
 - REMOVE ALL TACKABLE WALL SURFACES, WOOD TRIM, AND MASTIC FROM ALL CORRIDOR WALLS. REMOVE MASTIC COMPLETE AS REQUIRED VIA SCRAPING OR MECHANICAL MEANS. WALLS ARE CONCRETE MASONRY UNITS U.N.O.
 - REMOVE FIRE EXTINGUISHER CABINET AND INFILL MASONRY OPENING
 - REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING IN ITS ENTIRETY
 - REMOVE EXISTING DISPLAY CASE
 - REMOVE MASONRY WALL AND STOREFRONT WINDOW FRAME ABOVE
 - REMOVE GWB AND METAL STUD WALL
 - EQUIPMENT DEMOLITION TO INCLUDE REMOVAL OF ALL ADHESIVES AND MECHANICAL FASTENERS. INFILL HOLES IN CONCRETE MASONRY UNITS WITH SEALANT TO CREATE FINISHED APPEARANCE. NO NEW EQUIPMENT TO BE INSTALLED IN THIS LOCATION
 - EQUIPMENT DEMOLITION TO INCLUDE REMOVAL OF ALL TACKABLE WALL SURFACE ON FULL LENGTH OF INDICATED WALL. REMOVE ADHESIVES AND MECHANICAL FASTENERS. INFILL HOLES IN CONCRETE MASONRY UNITS WITH SEALANT TO CREATE FINISHED APPEARANCE. WHERE NEW DISPLAY BOARDS ARE NOT INDICATED, REFER TO A7 PLANS
 - REMOVE VINYL WALLCOVERING ON INDICATED WALL(S). WALL CONSTRUCTION IS GWB ON CMU. REPAIR GWB WALL WHERE VINYL-FACED TACKABLE SURFACE/EQUIPMENT WAS REMOVED AND PREPARE FOR NEW VINYL WALLCOVERING INSTALLATION
 - REMOVE MASONRY WALL TO CREATE OPENINGS FOR NEW COULVERS. COORDINATE OPENINGS WITH MECHANICAL AND STRUCTURE FOR SIZE AND LOCATION - SEE EXTERIOR ELEVATION. TOOTH IN SURROUNDING MASONRY OPENING AS REQUIRED TO PROVIDE NEW OPENINGS
 - REMOVE QUARRY TILE FLOOR AND BASE AND SETTING BED. INFILL SLAB RECESS WITH NEW CONCRETE SLAB. SLOPE TO DRAINS AS REQUIRED
 - REMOVE CONCRETE TOPPING SLAB AND INSULATION FROM COOLER/FREEZER AREA. INFILL SLAB RECESS WITH NEW CONCRETE SLAB AT 4" BELOW FINISHED FLOOR. VERIFY WITH COOLER/FREEZER MANUF.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



NOTE: ALL GUTTERS, DOWNSPOUTS, DOWNSPOUT BOOTS, AND RELATED ACCESSORIES TO BE REMOVED. REFER TO EXTERIOR ELEVATIONS FOR REPLACEMENT.

REMOVE LOADING DOCK SLAB, STEPS, AND WALLS

REMOVE DRINKING FOUNTAINS

REMOVE ALL AWT WALL PANELS IN THIS ROOM

REMOVE AWT PANELS

REMOVE AWINGS FROM ABOVE DOORS

REMOVE RESILIENT NOSINGS AND CARPET TREADS AND RISERS

REFER TO KITCHEN DRAWINGS FOR DEMO OF FOOD SERVICE EQUIPMENT

COVER HOLES IN BRICK

UNIT A DEMOLITION PLAN

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

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ROOM LEGEND - UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	CORRIDOR	217 SF
A102	CORRIDOR	416 SF
A103	CORRIDOR	361 SF
A104	RECEIVING	350 SF
A105	CORRIDOR	262 SF
A106	CORRIDOR	322 SF
A107	VESTIBULE	151 SF
A108	CLASSROOM 34 - F.A.P.	728 SF
A109	SMALL GROUP	213 SF
A110	SENSORY	139 SF
A111	RESTROOM	109 SF
A112	WOMEN	112 SF
A113	MEN	109 SF
A114	IDF	29 SF
A115	CUST.	35 SF
A116	BOYS	103 SF
A117	GIRLS	105 SF
A118	STAGE	900 SF
A119	CAFETERIA	2,305 SF
A120	GYMNASIUM	4,386 SF
A121	STORAGE	344 SF
A122	P.E. OFFICE	161 SF
A123	PARKS OFFICE	203 SF
A124	FAMILY RR	86 SF
A125	STORAGE	217 SF
A126	OUTDOOR STORAGE	470 SF
A127	ELECTRICAL	197 SF
A128	BOILER ROOM	2,306 SF
A129	CUST. OFFICE	80 SF
A130	CUST. BREAKRM	216 SF
A131	TOILET	41 SF
A132	DRESSING	49 SF
A133	OFFICE	110 SF
A134	DRY GOODS	344 SF
A135	COOLER	235 SF
A136	FREEZER	235 SF
A137	KITCHEN	1,480 SF
A138	LAUNDRY	80 SF
A139	CUST.	80 SF
A140	BREAKROOM	128 SF
A141	DISHWASHING	248 SF

ROOM LEGEND - UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	VESTIBULE	216 SF
B102	CORRIDOR	1,194 SF
B103	CORRIDOR	625 SF
B104	CORRIDOR	200 SF
B105	VESTIBULE	95 SF
B106	CORRIDOR	1,738 SF
B107	VESTIBULE	89 SF
B108	SECURE VESTIBULE	253 SF
B109	RECEPTION	901 SF
B110	SRO OFFICE	189 SF
B111	LARGE CONFERENCE	477 SF
B112	MOTHERS	91 SF
B113	TEST STOR/QUIET SPACE	65 SF
B114	SPEECHHEARING	206 SF
B115	STAFF OFFICE	272 SF
B116	SOCIAL WORKER	235 SF
B117	PSYCHOLOGIST	191 SF
B118	INST COACH OFFICE	123 SF
B119	CORRIDOR	343 SF
B120	CORRIDOR	248 SF
B121	WORKROOM	418 SF
B122	MEZZANINE	43 SF
B123	IDF	62 SF
B124	ELEC	53 SF
B125	RR	58 SF
B126	CALM	44 SF
B127	STORAGE	100 SF
B128	CORRIDOR	261 SF
B129	PRINCIPAL'S OFFICE	332 SF
B130	SMALL CONFERENCE	193 SF
B131	ASST PRINCIPALS OFFICE	262 SF
B132	E.C. SPEECH	174 SF
B133	RR	63 SF
B134	EXAM	84 SF
B135	CLINIC	315 SF
B136	KINDER - CR 1	1,327 SF
B137	STORAGE	80 SF
B138	TOILET	26 SF
B139	SMALL GROUP	234 SF
B140	KINDER - CR 2	1,321 SF
B141	TOILET	24 SF
B142	STORAGE	86 SF
B143	KINDER - CR 3	1,329 SF
B144	STORAGE	80 SF
B145	TOILET	27 SF
B146	KINDER - CR 4	1,327 SF
B147	TOILET	27 SF
B148	STORAGE	80 SF
B149	EARLY CHILD - CR 5	963 SF
B150	RESTROOM	110 SF
B151	STORAGE	59 SF
B152	EARLY CHILD - CR 6	1,161 SF
B153	STORAGE	59 SF
B154	RESTROOM	50 SF
B155	SMALL GROUP	234 SF
B156	MECH	149 SF
B201	MECH MEZZ	389 SF

ROOM LEGEND - UNIT C.		
ROOM NO.	ROOM NAME	AREA (SF)
C101	CORRIDOR	2,434 SF
C102	CORRIDOR	2,035 SF
C103	TV STUDIO	194 SF
C104	CLASSROOM 33 - MUSIC	1,227 SF
C105	STORAGE	167 SF
C106	CLASSROOM 32 - ART	1,192 SF
C107	KILN	60 SF
C108	STORAGE	235 SF
C109	MEN	151 SF
C110	WOMEN	148 SF
C111	CLASSROOM 31 - 5TH	982 SF
C112	CLASSROOM 30 - 5TH	878 SF
C113	CLASSROOM 30 - 5TH	981 SF
C114	COMMONS	648 SF
C115	SMALL GROUP	145 SF
C116	CUBBIES	189 SF
C117	IDF/ELEC	82 SF
C118	CUBBIES	189 SF
C119	CLASSROOM 27 - 5TH	881 SF
C120	CLASSROOM 26 - 5TH	878 SF
C121	LARGE GROUP INSTRUCTION	1,990 SF
C122	LGI STORAGE	143 SF
C123	RESOURCE / IA OFFICES	333 SF
C124	RR	63 SF
C125	RR	61 SF
C126	IT OFFICE/MDF	278 SF
C127	BHVL THERAPIST	136 SF
C128	MLU INTERVENTION	214 SF
C129	ST.V THERAPIST	213 SF
C130	CALM	69 SF
C131	STAFF LOUNGE	683 SF
C132	CORRIDOR	451 SF
C133	GIRLS	195 SF
C134	CUST.	14 SF
C135	BOYS	185 SF
C136	STEAM LAB	1,657 SF
C137	DISCOVERY CENTER	2,676 SF

ROOM LEGEND - UNIT C.		
ROOM NO.	ROOM NAME	AREA (SF)
C138	RR	87 SF
C139	PTO STORAGE	181 SF
C140	TEACHING AREA	312 SF
C141	DISC CTR STOR	180 SF
C142	RR	86 SF
C143	KINDER - CR 35	1,160 SF
C144	STORAGE	90 SF
C145	RR	65 SF
C146	GIRLS	196 SF
C147	CUST.	15 SF
C148	BOYS	198 SF
C149	EARLY CHILD - CR 36	1,119 SF
C150	RR	73 SF
C151	STORAGE	62 SF
C152	SENSORY	131 SF
C153	SHARED STORAGE	120 SF
C154	CLASSROOM 7 - 1ST	980 SF
C155	CLASSROOM 8 - 1ST	877 SF
C156	COMMONS	649 SF
C157	SMALL GROUP	145 SF
C158	CUBBIES	189 SF
C159	ELEC/STOR	83 SF
C160	CUBBIES	189 SF
C161	CLASSROOM 9 - 1ST	877 SF
C162	CLASSROOM 10 - 1ST	882 SF
C163	CLASSROOM 11 - 2ND	882 SF
C164	CLASSROOM 12 - 2ND	878 SF
C165	COMMONS	649 SF
C166	SMALL GROUP	145 SF
C167	CUBBIES	189 SF
C168	ELEC/STOR	83 SF
C169	CUBBIES	189 SF
C170	CLASSROOM 13 - 2ND	877 SF
C171	CLASSROOM 14 - 2ND	882 SF

ROOM LEGEND - UNIT D		
ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	CORRIDOR	786 SF
D103	CORRIDOR	708 SF
D104	CORRIDOR	1,132 SF
D105	VESTIBULE	87 SF
D106	BOYS	206 SF
D107	CUST.	15 SF
D108	GIRLS	203 SF
D109	SHARED STORAGE	119 SF
D110	SHARED STORAGE	119 SF
D111	CLASSROOM 20 - 1ST	989 SF
D112	CLASSROOM 21 - 2ND	989 SF
D113	SHARED STORAGE	120 SF
D114	SHARED STORAGE	119 SF
D115	GIRLS	204 SF
D116	CUST.	15 SF
D117	BOYS	205 SF
D118	CLASSROOM 22 - 4TH	965 SF
D119	CLASSROOM 23 - 4TH	981 SF
D120	CLASSROOM 24 - 4TH	978 SF
D121	COMMONS	648 SF
D122	SMALL GROUP	145 SF
D123	CUBBIES	189 SF
D124	STORAGE	83 SF
D125	CUBBIES	189 SF
D126	CLASSROOM 25 - 4TH	978 SF
D127	CLASSROOM 26 - 4TH	981 SF
D128	CLASSROOM 15 - 3RD	982 SF
D129	CLASSROOM 16 - 3RD	977 SF
D130	COMMONS	649 SF
D131	SMALL GROUP	145 SF
D132	CUBBIES	189 SF
D133	IDF/STOR	83 SF
D134	CUBBIES	189 SF
D135	CLASSROOM 17 - 3RD	977 SF
D136	CLASSROOM 18 - 3RD	981 SF
D137	CLASSROOM 19 - 3RD	965 SF

PLUMBING FIXTURE COUNTS							
USER GROUP	NUMBER OF USERS	USER PER GENDER	WATER CLOSETS		LAVATORIES		DRINKING FNTS.
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
EDUCATIONAL (E)	715	358 M.	1/50 = 8	5 W.C. 9 URNL.	1/50 = 8	13	1/100 = 8
		358 F.	1/50 = 8	13 W.C. 1 URNL.	1/50 = 8	13	
STAFF(B)	100	87 F.	3	4 W.C.	2	3	1/100 = 1

BUILDING DESIGNED FOR 715 STUDENTS AND 100 STAFF

10 UNSEX RESTROOMS LOCATED IN STUDENT AREAS AND NOT INCLUDED IN COUNT
8 UNSEX RESTROOMS LOCATED OFF PUBLIC CORRIDORS AND NOT INCLUDED IN COUNT
2 UNSEX RESTROOMS LOCATED IN ADMIN AREA / KITCHEN AND NOT INCLUDED IN COUNT
* = CLASSROOM SINKS PROVIDED WITH BUBBLERS, NOT INCLUDED IN COUNT
ONE FAMILY TOILET REQUIRED - ONE PROVIDED.

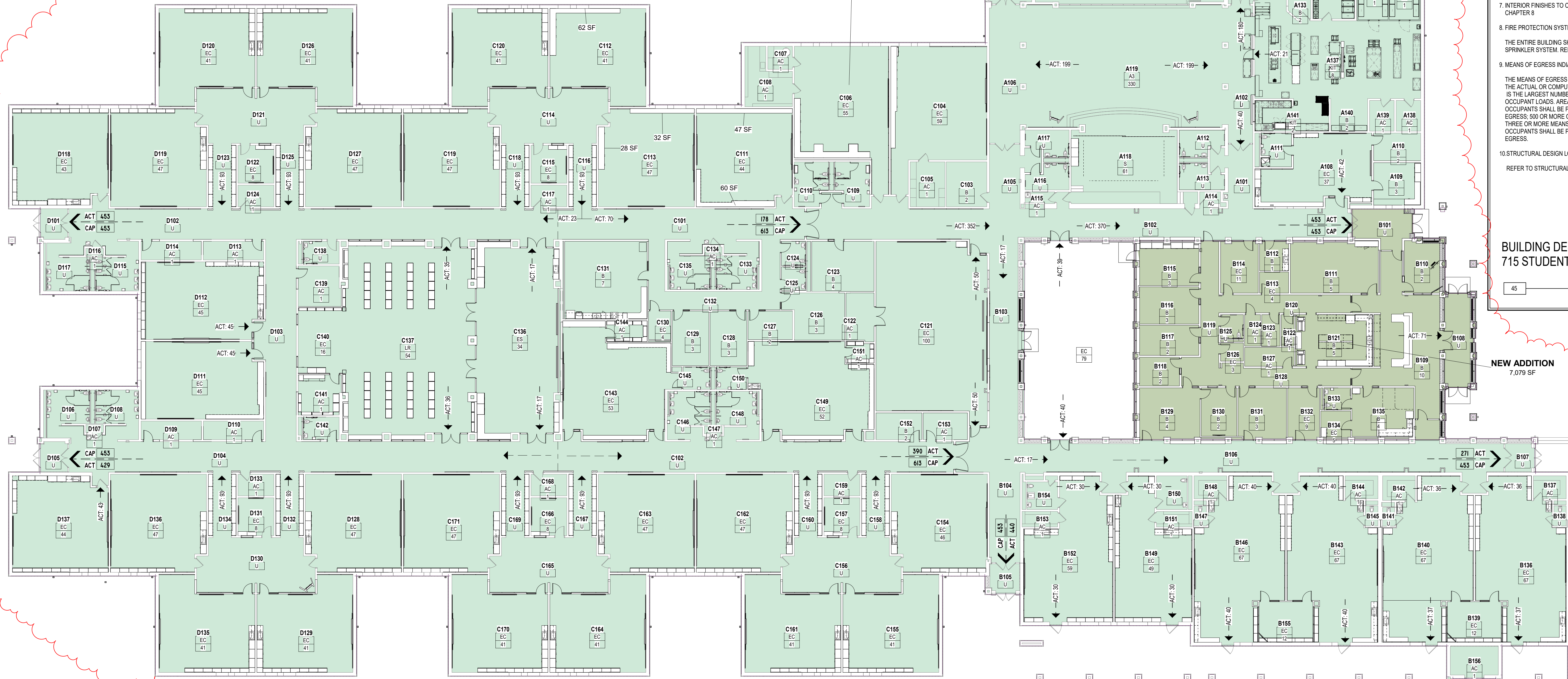
BUILDING CODE INFORMATION

- BUILDING DESCRIPTION: ADDITION/RENOVATION PRE-K-6 SCHOOL
- APPLICABLE CODE: 2012 INTERNATIONAL BUILDING CODE - INDIANA BUILDING CODE, 2014 EDITION (675 IAC 13-2.6)
2012 INTERNATIONAL FIRE CODE - INDIANA FIRE CODE, 2014 EDITION (675 IAC 22-2)
2012 INTERNATIONAL MECHANICAL CODE - INDIANA MECHANICAL CODE, 2014 EDITION (675 IAC 18-1.6)
2012 INTERNATIONAL PLUMBING CODE - INDIANA PLUMBING CODE, 2012 EDITION (675 IAC 16-1.4)
2012 INTERNATIONAL ELECTRICAL CODE - INDIANA ELECTRICAL CODE, 2009 EDITION (INFA 70-2008) (675 IAC 17-1.8)
INDIANA ENERGY CONSERVATION CODE, 2010 (ASPR 80.1, 2007 AMENDED) (672 IAC 19-4)
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- BUILDING AREA AND HEIGHT
A. OCCUPANCY/USE GROUP: A2 CAFETERIA / COMMONS
A3 GYMNASIUM
B ADMINISTRATION
E NON SEPARATED USES (302.1)
B. CONSTRUCTION TYPE: 1B (B01)
C. AREA LIMITATION:
1. ACTUAL AREA: EXISTING BUILDING TO REMAIN 94,592 SF
NEW ADDITION 7,079 SF
NEW MEZZANINE 442 SF
GRAND TOTAL 102,402 SF
D. HEIGHT LIMITATION: 4 STORY, 55'-0" (TABLE 503)
1. HEIGHT MODIFICATIONS: 5 STORY, 75'-0" (504.2)
2. ACTUAL HEIGHT: 2 STORY, 31'-0"
- USE AND OCCUPANCY CLASSIFICATION INDIANA BUILDING CODE CHAPTER 3:
E - EDUCATION, B - BUSINESS, A2/A3 - ASSEMBLY
INCIDENTAL USE AREAS INDIANA BUILDING CODE SECTION AND TABLE 508.2
SMOKE PARTITION & AUTO SPRINKLER SYSTEM
ACCESSORY USE AREAS INDIANA BUILDING CODE SECTION 508.3.1
ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES SUBSIDIARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES IN ACCORDANCE WITH SECTIONS 504 AND 506 FOR SUCH ACCESSORY OCCUPANCIES (2012 INTERNATIONAL BUILDING CODE)
AREA LIMITATION INDIANA BUILDING CODE SECTION 503
5. TYPE OF CONSTRUCTION INDIANA BUILDING CODE CHAPTER 6 (SEE TABLE)
TYPE 11B
FIRE SEPARATION DISTANCES INDIANA BUILDING CODE TABLE 602:
REFER TO THE SITE PLAN DRAWINGS FOR LOCATION OF BUILDING(S) ON SITE, DISTANCES TO CLOSEST INTERIOR LOT LINES, TO THE CENTER OF A STREET, ALLEY OR PUBLIC WAY.
6. FIRE RESISTANCE RATED CONSTRUCTION INDIANA BUILDING CODE CHAPTER 7:
CEILING AND FLOOR OPENINGS THROUGH NON-FIRE RESISTANCE RATED ASSEMBLIES SHALL BE PROVIDED WITH FIREBLOCKING PER PROJECT MANUAL.
7. INTERIOR FINISHES TO COMPLY WITH INDIANA BUILDING CODE CHAPTER 8
8. FIRE PROTECTION SYSTEMS INDIANA BUILDING CODE CHAPTER 9:
THE ENTIRE BUILDING SHALL BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM. REFER TO FIRE PROTECTION DRAWINGS.
9. MEANS OF EGRESS INDIANA BUILDING CODE CHAPTER 10:
THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICHEVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANT LOADS. AREAS OR ROOMS WITH 50 OR MORE OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS; 500 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH FOUR OR MORE MEANS OF EGRESS.
10. STRUCTURAL DESIGN LOADS:
REFER TO STRUCTURAL DRAWINGS FOR CODE REQUIREMENTS

BUILDING DESIGNED FOR:
715 STUDENTS AND 100 STAFF

45 CALCULATED MAXIMUM OCCUPANT LOAD

NEW ADDITION
7,079 SF



FIRST FLOOR OVERALL CODE PLAN

SCALE: 1/16" = 1'-0"

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS



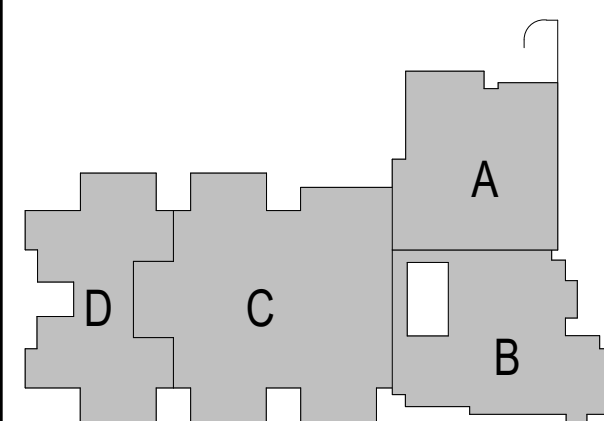
ARCHITECT

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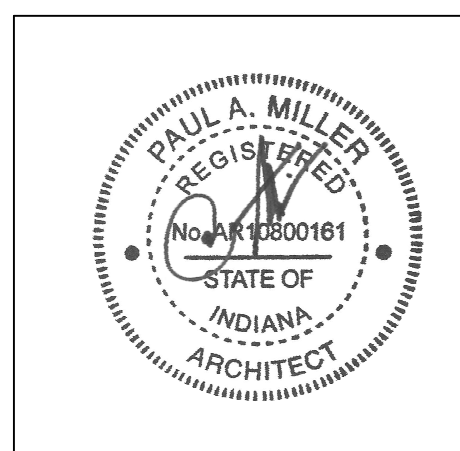
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KEY PLAN

BIDS



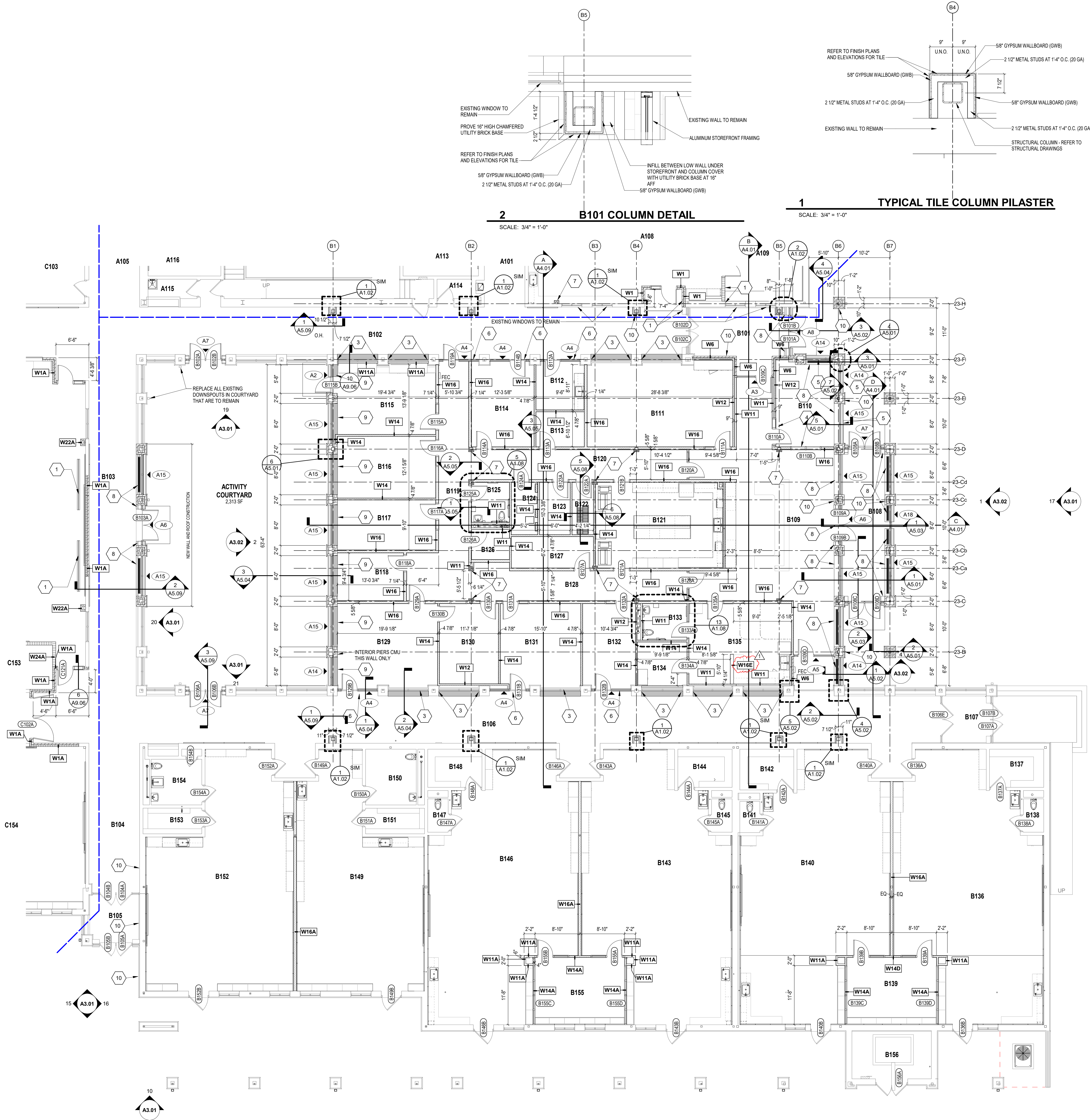
PROJECT MANAGER: SAM
DRAWN BY: TPV
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

FIRST FLOOR CODE PLAN

A0.01

ROOM LEGEND - UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	VESTIBULE	216 SF
B102	CORRIDOR	1,194 SF
B103	CORRIDOR	625 SF
B104	CORRIDOR	290 SF
B105	VESTIBULE	95 SF
B106	CORRIDOR	1,738 SF
B107	VESTIBULE	89 SF
B108	SECURE VESTIBULE	283 SF
B109	RECEPTION	901 SF
B110	SRO OFFICE	109 SF
B111	LARGE CONFERENCE	477 SF
B112	MOTHERS	91 SF
B113	TEST STOR QUIET SPACE	65 SF
B114	SPEECHHEARING	208 SF
B115	DT/PT OFFICE	272 SF
B116	SOCIAL WORKER	235 SF
B117	PSYCHOLOGIST	191 SF
B118	INST COACH OFFICE	123 SF
B119	CORRIDOR	340 SF
B120	CORRIDOR	248 SF
B121	WORKROOM	418 SF
B122	MEZZANINE	43 SF
B123	IDP	62 SF
B124	ELEC	93 SF
B125	RR	58 SF
B126	CALM	44 SF
B127	STORAGE	100 SF
B128	CORRIDOR	261 SF
B129	PRINCIPALS OFFICE	332 SF
B130	SMALL CONFERENCE	183 SF
B131	ASST PRINCIPALS OFFICE	262 SF
B132	E.C. SPEECH	174 SF
B133	RR	63 SF
B134	EXAM	84 SF
B135	CLINIC	315 SF
B136	KINDER - CR 1	1,327 SF
B137	STORAGE	80 SF
B138	TOILET	26 SF
B139	SMALL GROUP	234 SF
B140	KINDER - CR 2	1,321 SF
B141	TOILET	24 SF
B142	STORAGE	86 SF
B143	KINDER - CR 3	1,339 SF
B144	STORAGE	80 SF
B145	TOILET	27 SF
B146	KINDER - CR 4	1,327 SF
B147	TOILET	27 SF
B148	STORAGE	80 SF
B149	EARLY CHILD - CR 5	963 SF
B150	RESTROOM	110 SF
B151	STORAGE	59 SF
B152	EARLY CHILD - CR 6	1,161 SF
B153	STORAGE	59 SF
B154	RESTROOM	90 SF
B155	SMALL GROUP	234 SF
B156	MECH	149 SF
B201	MECH MEZZ	389 SF



ARCHITECTURAL PLAN GENERAL NOTES

A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.

C. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM BELOW GRADE.

D. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

E. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.

F. FOR TYPICAL COMMON JOINT DETAILS REFER TO DETAILS ON SHEET XX.

G. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.

H. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

I. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.

J. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.

K. REFER TO ROOM FINISH SCHEDULE OR PLAN AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.

L. PROVIDE WOOD BLOCKING AS REQUIRED, WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. REFER TO MASTER CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

M. PROVIDE SPRAY FOAM INSULATION AND THERMAL BARRIER CONTINUOUS AT INTERSECTION OF EXTERIOR WALLS AND DECK.

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

— W### INDICATES WALL TYPE. REFER TO DRAWING A1.05 FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

1. ALIGN FINISH FACES

2. PROVIDE INTERIOR LAMINATED SECURITY GLAZING ALL GLASS THIS OPENING

3. ADD DECORATIVE FILM OVERLAY TO EXISTING INSULATED GLAZING TO REMAIN

4. PROVIDE LAMINATED SECURITY GLAZING WITH PRIVACY FILM ALL GLASS THIS OPENING

5. PROVIDE INSULATED SECURITY GLAZING AND PRIVACY FILM ALL GLASS THIS OPENING

6. PROVIDE OPAQUE FILM ON ALL NEW INTERIOR GLAZING THIS OPENING EXCEPT DOORLITE WHERE APPLICABLE

7. WRAP STEEL COLUMN WITH 1/8" METAL STUDS AND 5/8" GWB WHERE PROTRUDING OUTSIDE OF WALL

8. BRICK SILL, REFER TO A-5.01. REFER TO MECHANICAL DRAWINGS FOR FIN TUBE AND GRILLE LOCATIONS

9. SOLID SURFACE SILL ON CMU LOW WALL, REFER TO 3-4.04. REFER TO MECHANICAL DRAWINGS FOR FIN TUBE AND GRILLE LOCATIONS

10. AUTOMATIC DOOR OPERATOR LOCATION

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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CARMEL CLAY SCHOOLS

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KEY PLAN

BIDS

PAUL A. MILLER REGISTERED ARCHITECT STATE OF INDIANA

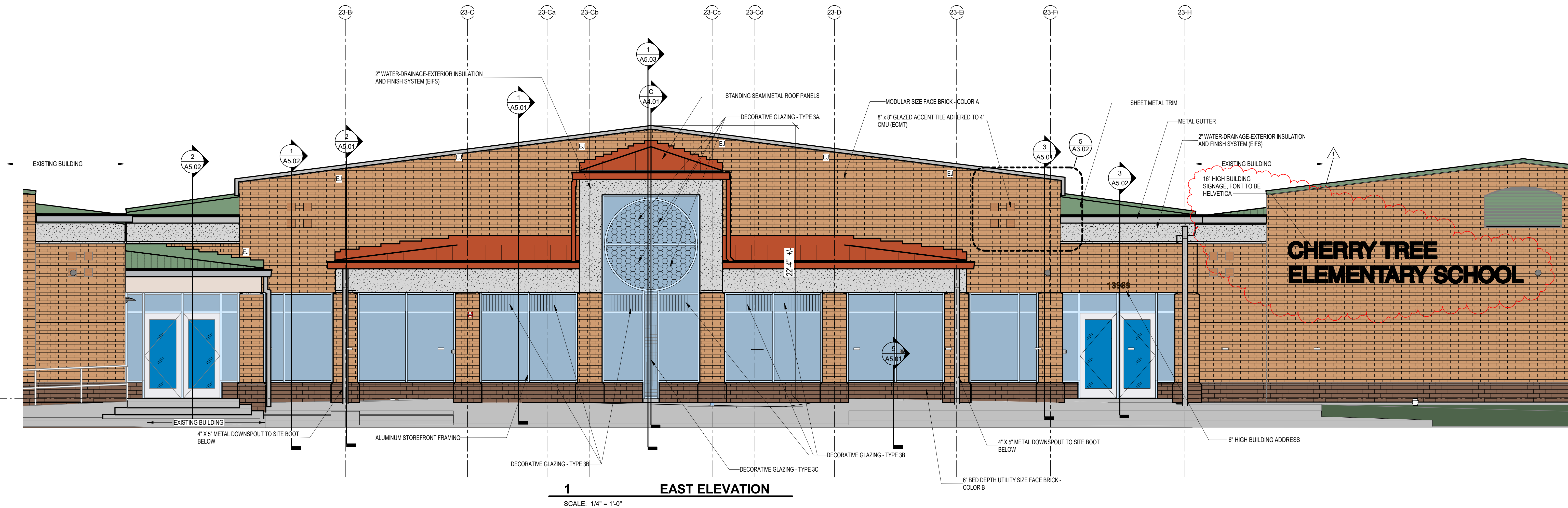
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DRAWN BY: TPV
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
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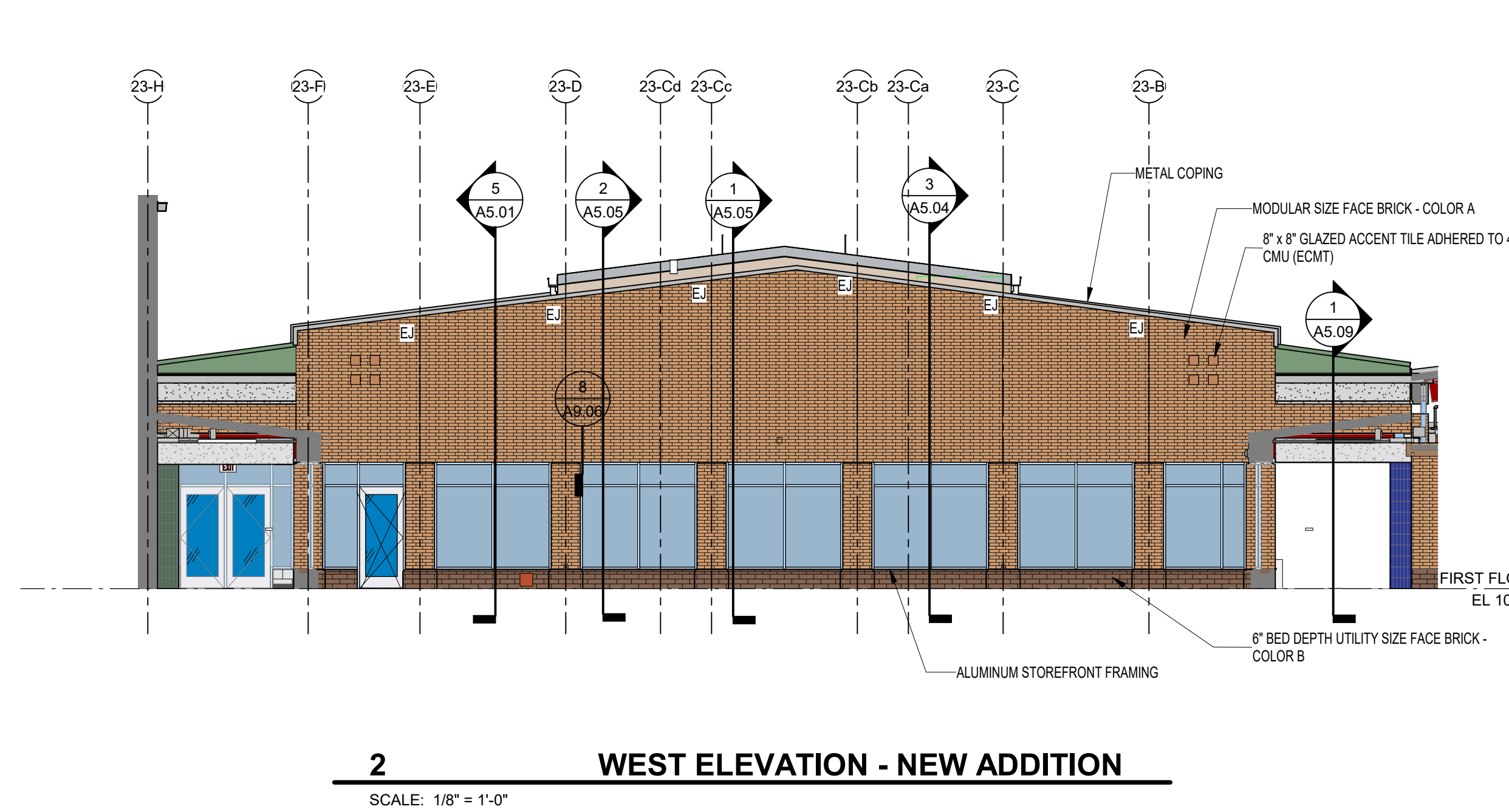
UNIT B - FIRST FLOOR ARCHITECTURAL PLAN

A1.02

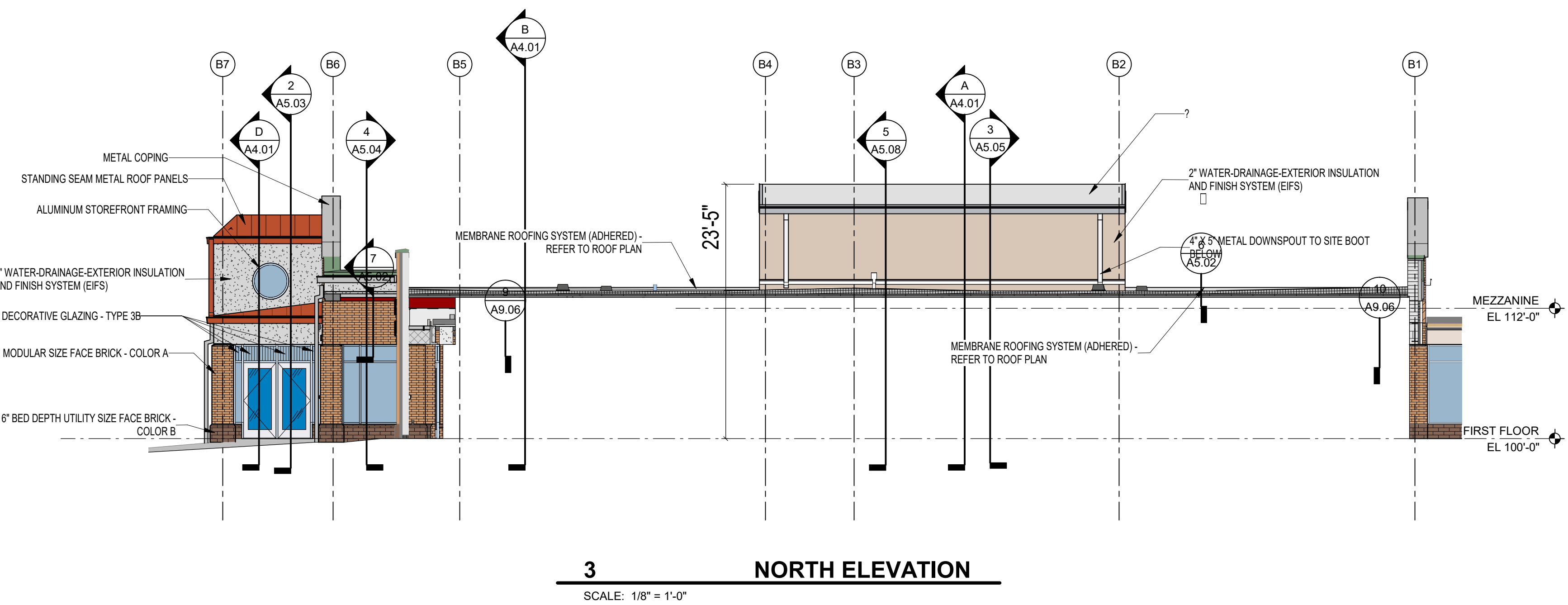
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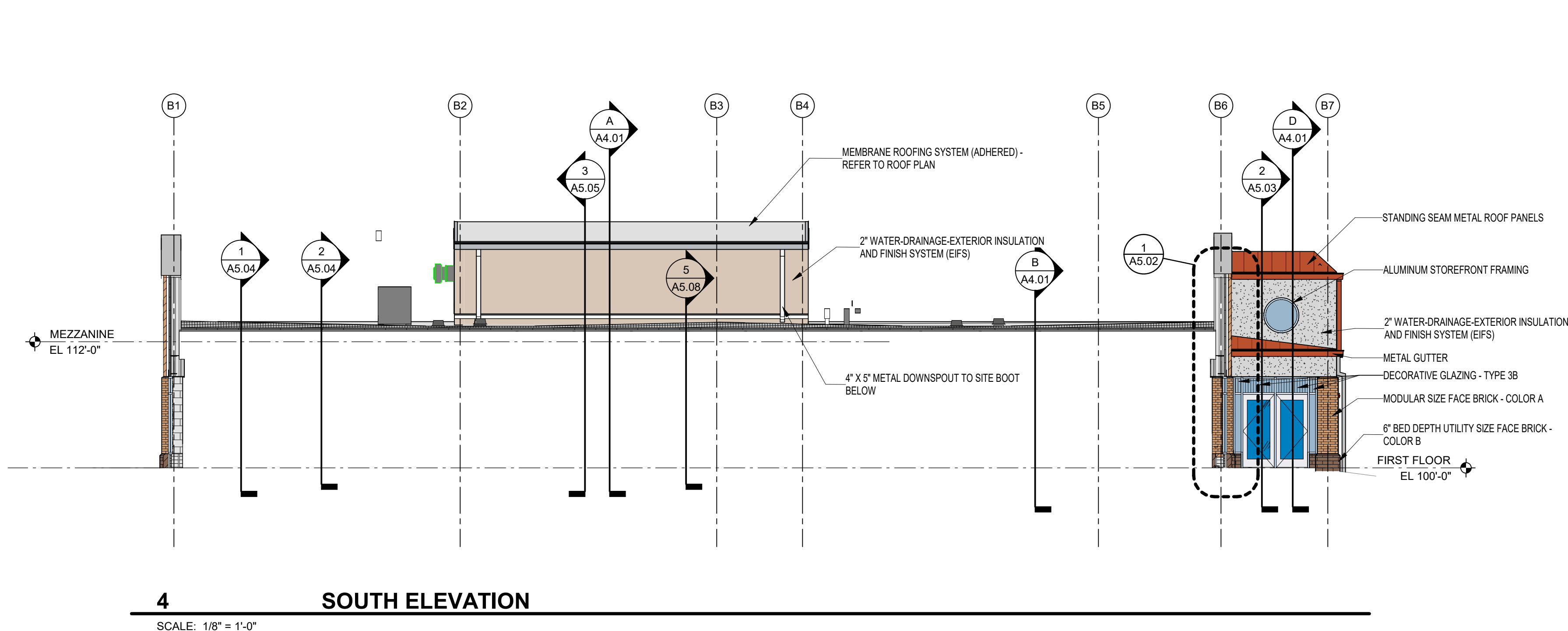
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



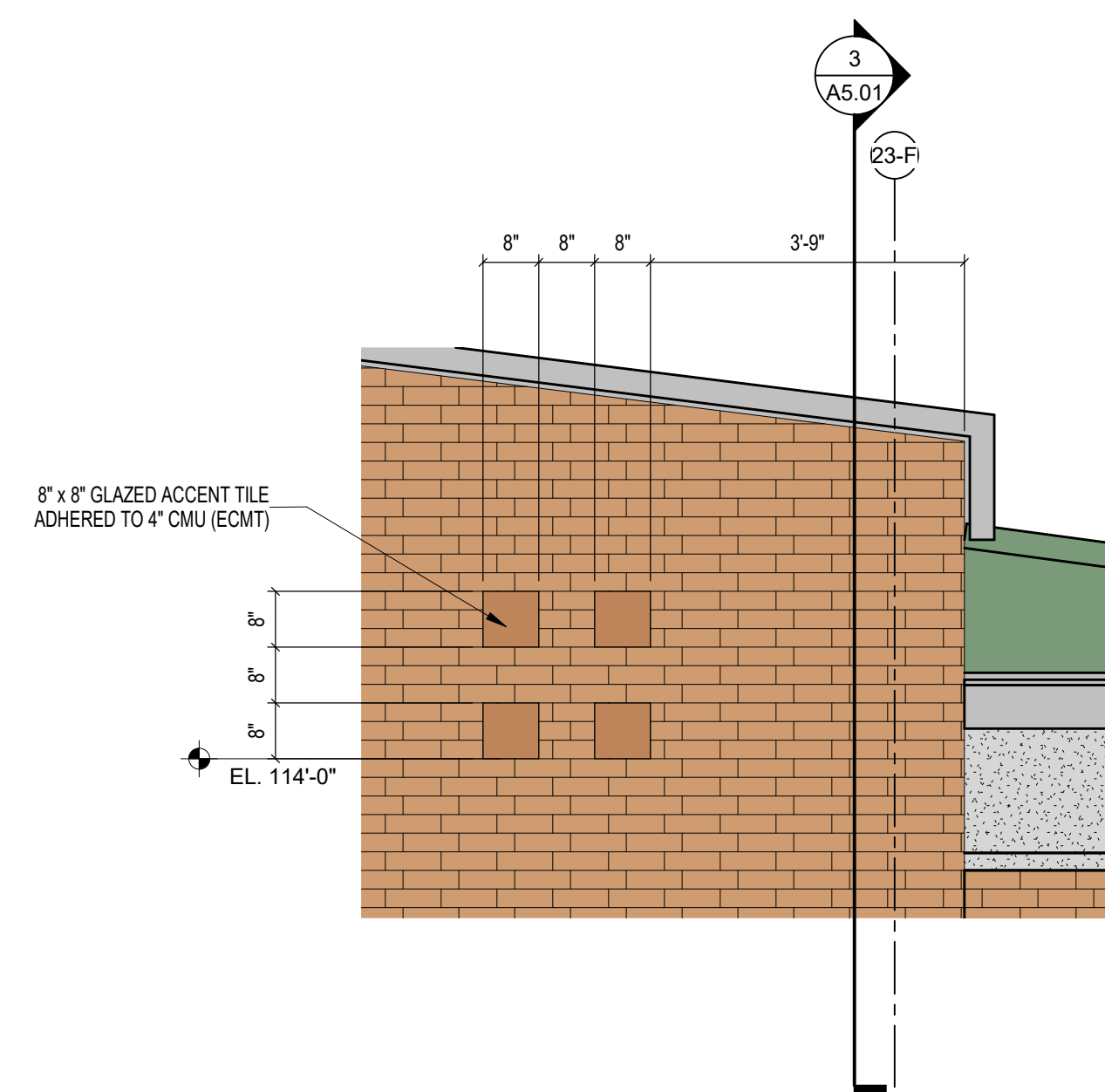
2 WEST ELEVATION - NEW ADDITION
SCALE: 1/8" = 1'-0"



3 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



5 ACCENT TILE ELEVATION
SCALE: 1/2" = 1'-0"

ELEVATION GENERAL NOTES

- REFER TO THE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR CAMERA LOCATIONS, SECURITY DEVICES, RECEPTACLES, LIGHT FIXTURES, ETC. COORDINATE LOCATIONS WITH VENER COURSING TO PROVIDE CONSISTENT MOUNTING HEIGHTS.
- REFER TO PLUMBING DRAWINGS FOR EXTERIOR WALL HYDRANTS, SECONDARY ROOF DRAIN OUTLETS, ETC. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.
- REFER TO MECHANICAL DRAWINGS FOR EXTERIOR LOUVER LOCATIONS LOCATED IN EXTERIOR WALL AND EXTERIOR SOFFITS. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.
- REMOVE EXISTING GUTTERS, DOWNSPOUTS, AND CAST IRON D.S. BOOTS FOR THE ENTIRE PROJECT. PROVIDE NEW GUTTERS, DOWNSPOUTS AND CAST IRON DOWNSPOUT BOOTS IN SAME LOCATION AS EXISTING. ALIGN NEW CAST IRON D.S. BOOTS WITH EXISTING UNDERGROUND STORM PIPING. FIELD VERIFY EXISTING STORM PIPING SIZES TO MATCH WITH NEW BOOTS. REFER TO FLOOR PLANS AND EXTERIOR ELEVATIONS FOR NEW BUILDING ADDITION.
- PROVIDE PROTECTION SHEET AT LOCATIONS WHERE DOWNSPOUTS EMPTY ONTO LOW SLOPE ROOF. PROVIDE ELBOWS AT BASE OF DOWNSPOUTS WHERE THEY EMPTY ONTO LOWER SLOPED ROOF.
- PROVIDE OFFSET AT BASE OF D.S. WHERE MASONRY EXTENDS PAST FACE OF WALL ABOVE.
- CLEAN FULL PERIMETER AND HEIGHT OF EXTERIOR VENEER MASONRY INCLUDING THE MASONRY SCREEN WALL NEAR MECHANICAL EQUIPMENT AREA.
- CLEAN FULL EXTENTS AND HEIGHT OF EXISTING EXTERIOR EIFS MATERIAL.
- REPAIR EXISTING DAMAGED EXTERIOR EIFS. REFER TO ELEVATIONS. PROVIDE NEW EIFS ELASTOMERIC COATING OVER FULL EXTENTS AND HEIGHT OF EXISTING EIFS SURFACES TO REMAIN.
- PROVIDE GUTTER EXPANSION JOINTS WHEN LENGTH OF GUTTER EXCEEDS 40 FEET. REFER TO DETAIL.
- PROVIDE CORNER SPLASH GUARDS AT ALL VALLEY LOCATIONS - REFER TO DETAIL.

EXTERIOR ELEVATION NOTES

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS

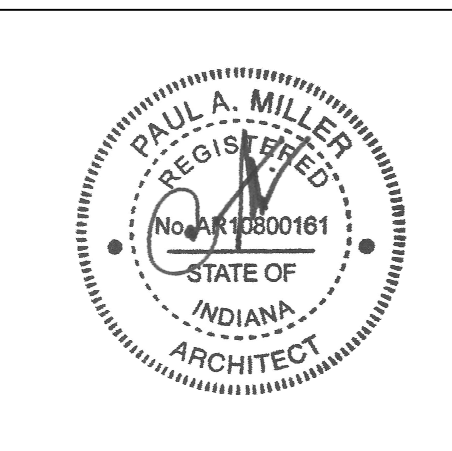


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BIDS



PROJECT MANAGER: SAM
DRAWN BY: TPV
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

VERIFICATION NOTE

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BUILDING ELEVATIONS

A3.02

CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

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46033

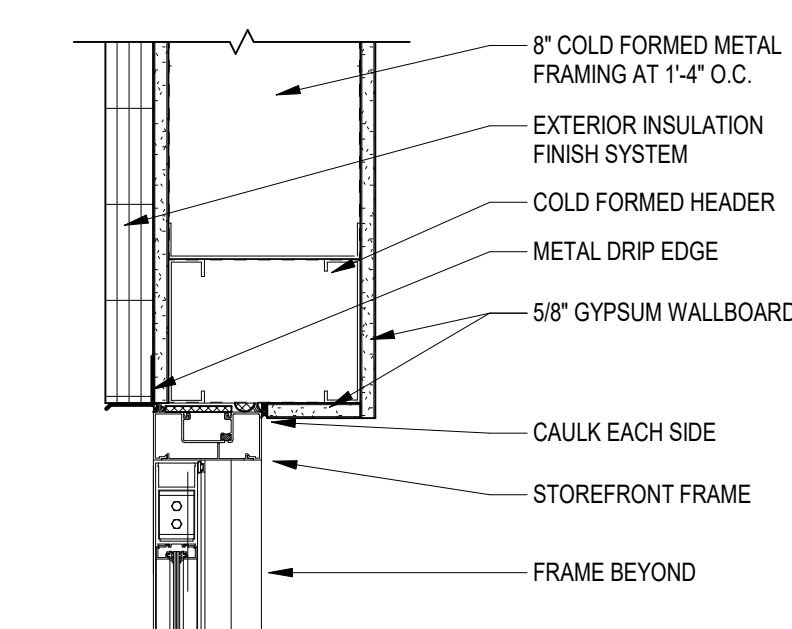
CARMEL CLAY SCHOOLS



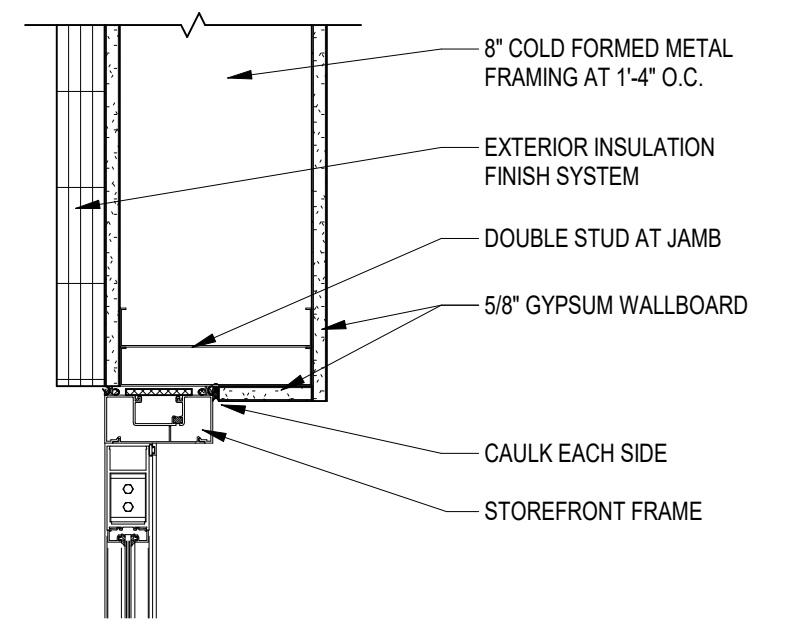
ARCHITECT

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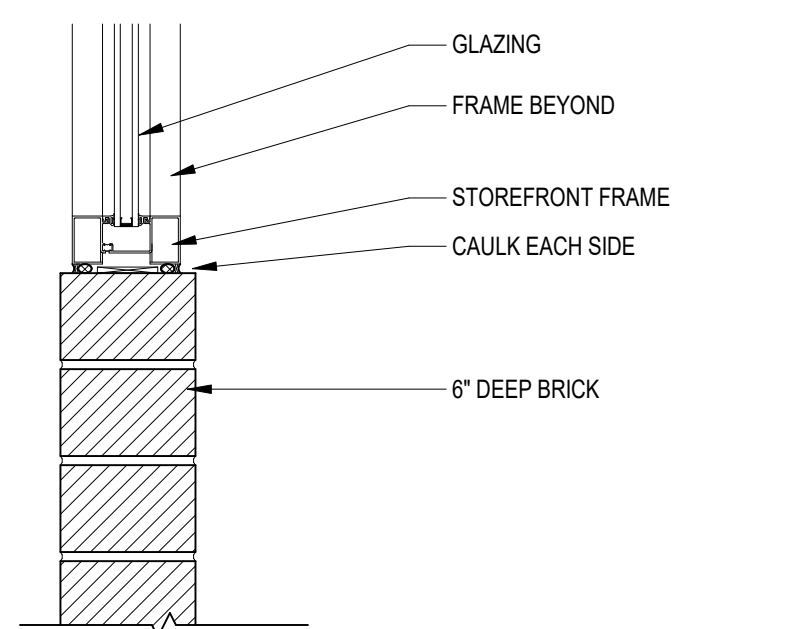
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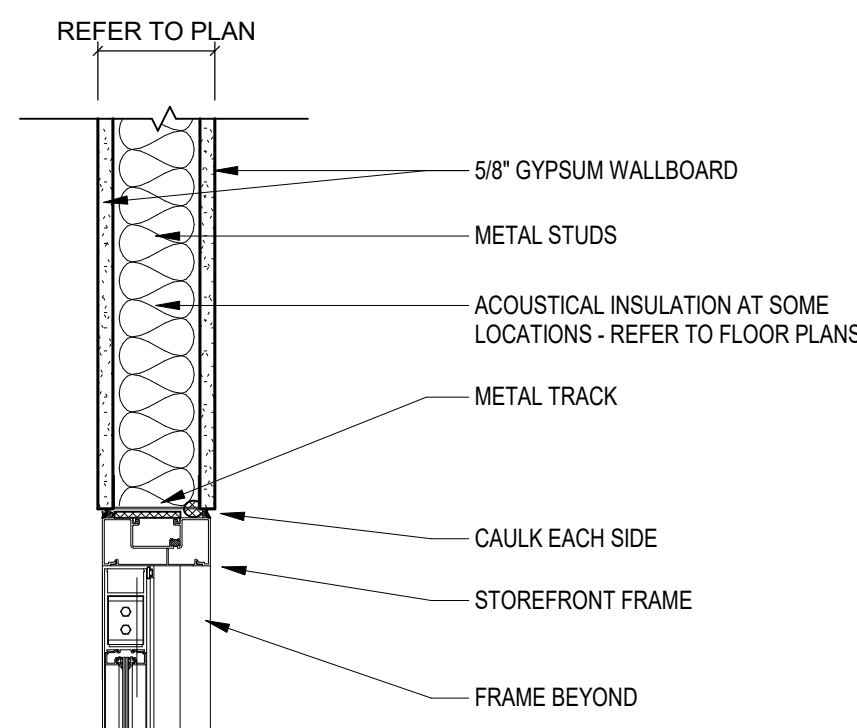
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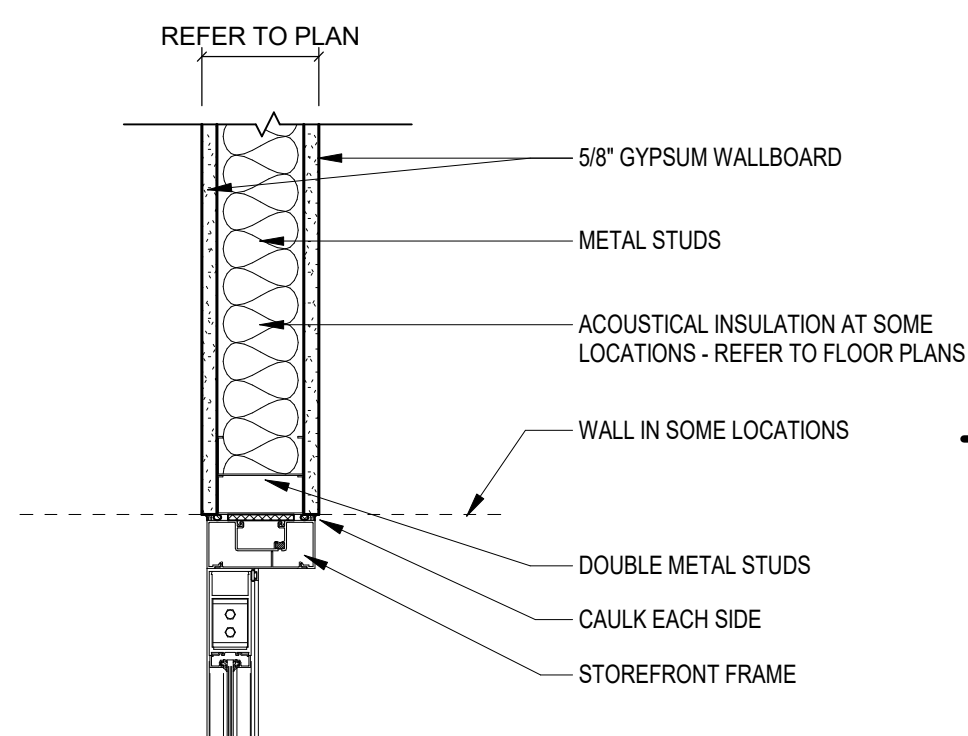
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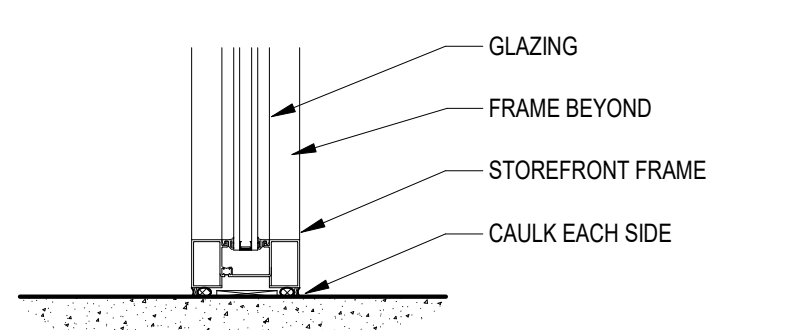
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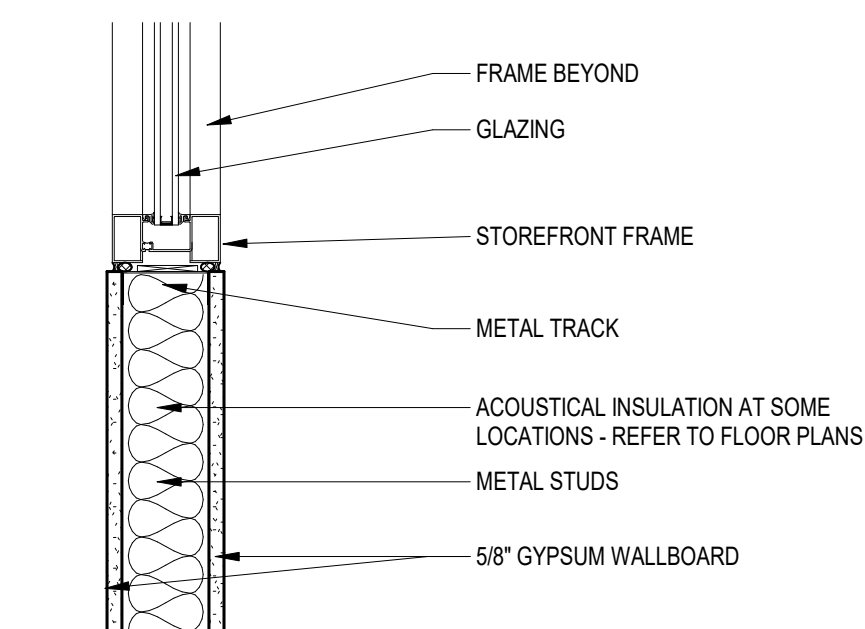
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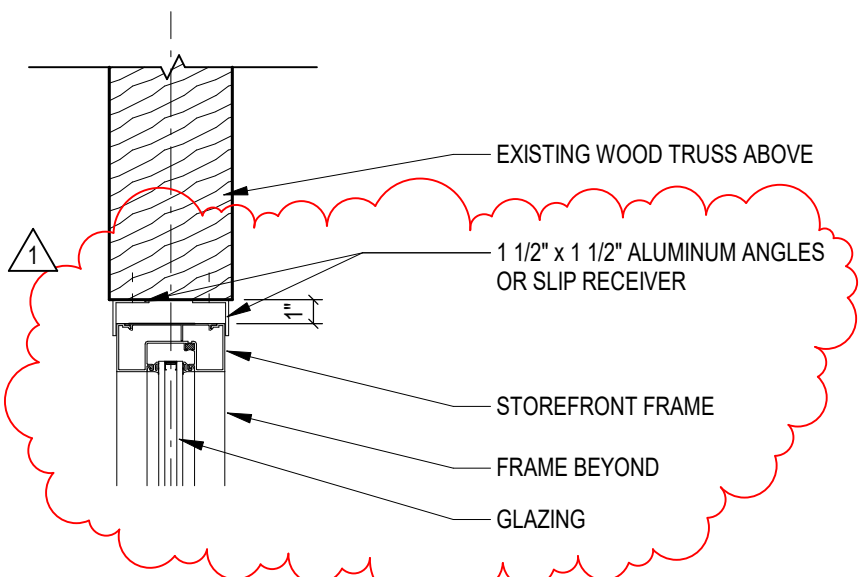
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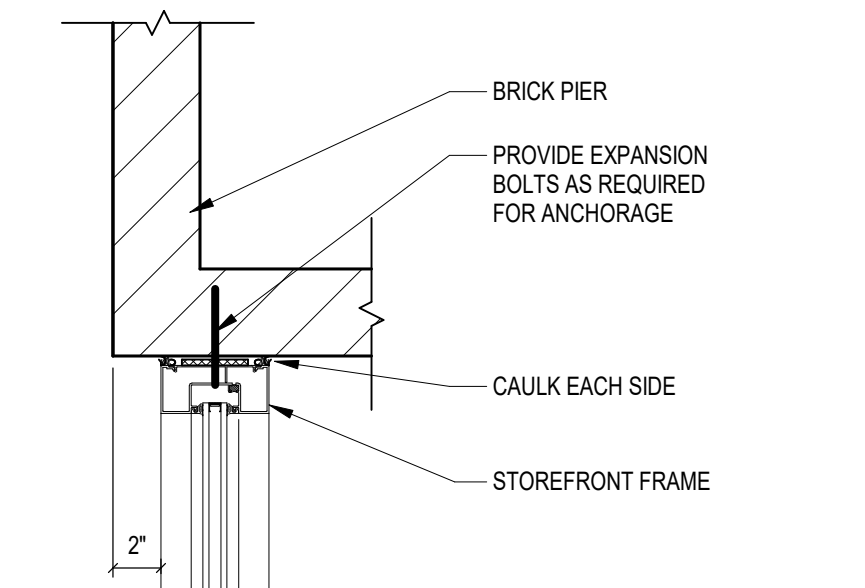
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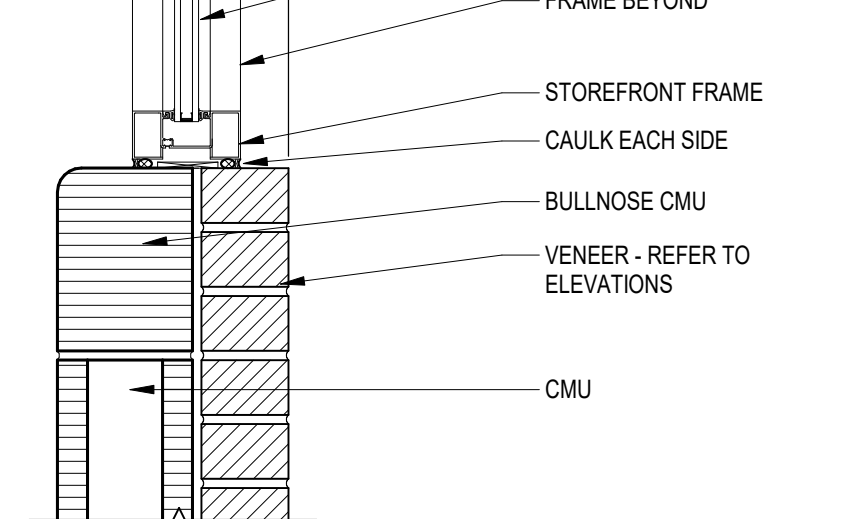
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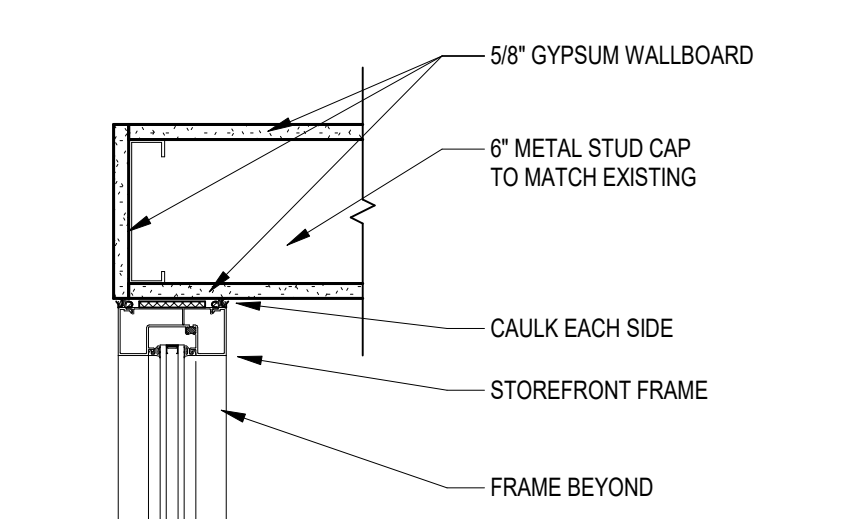
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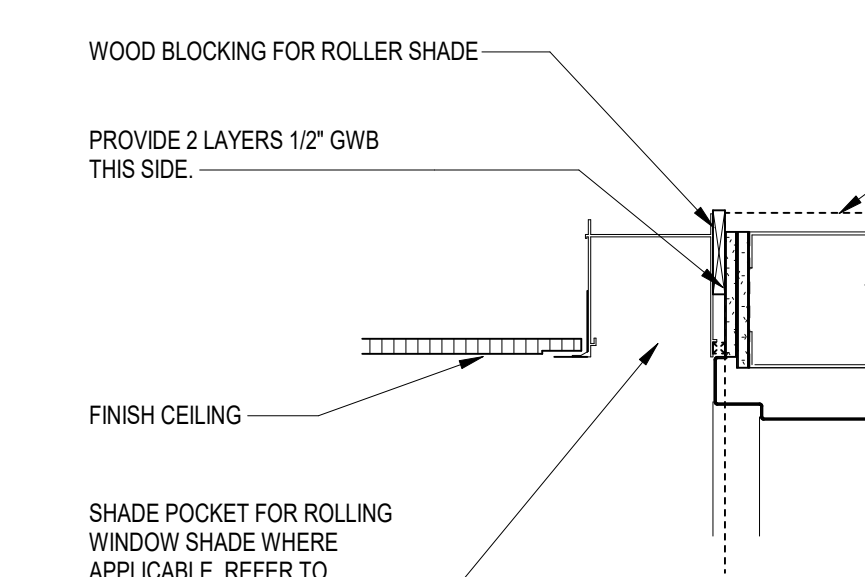
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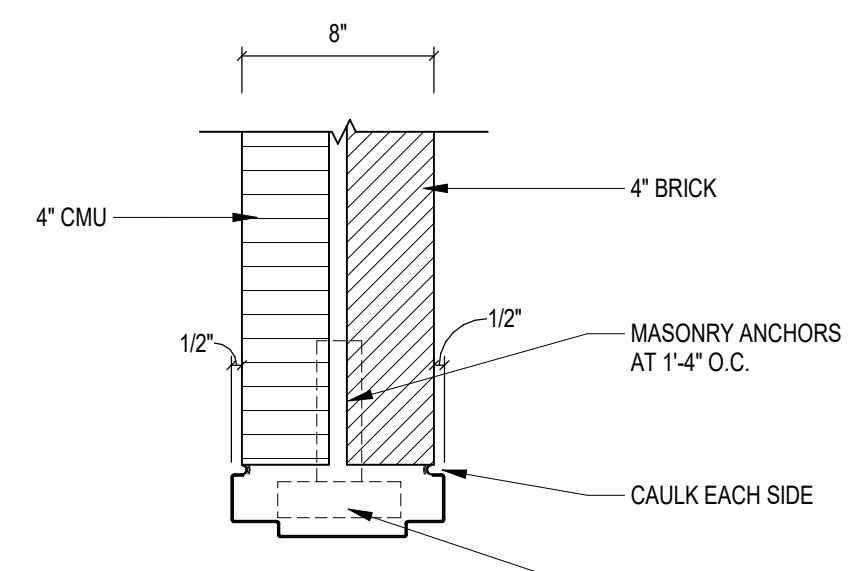
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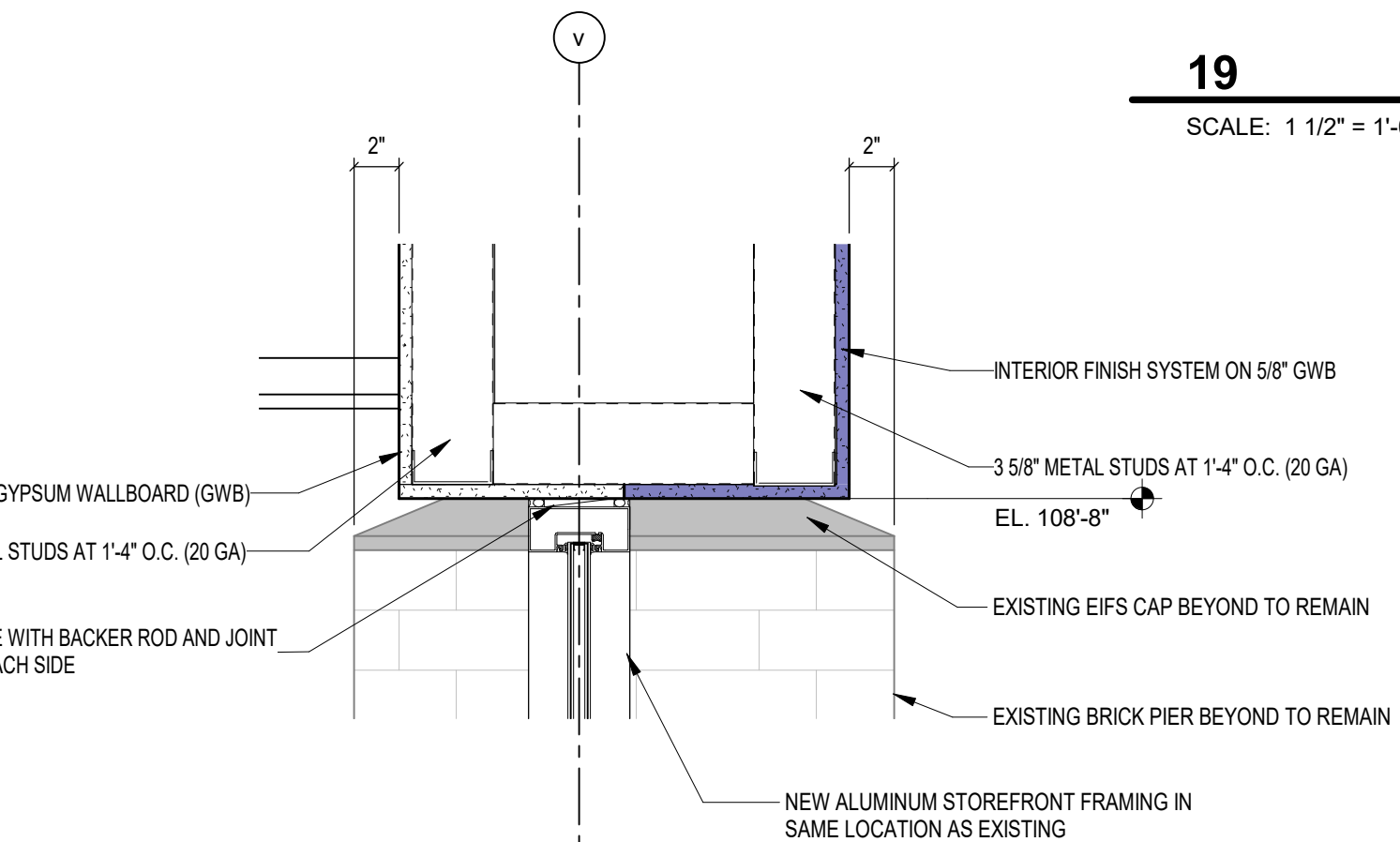
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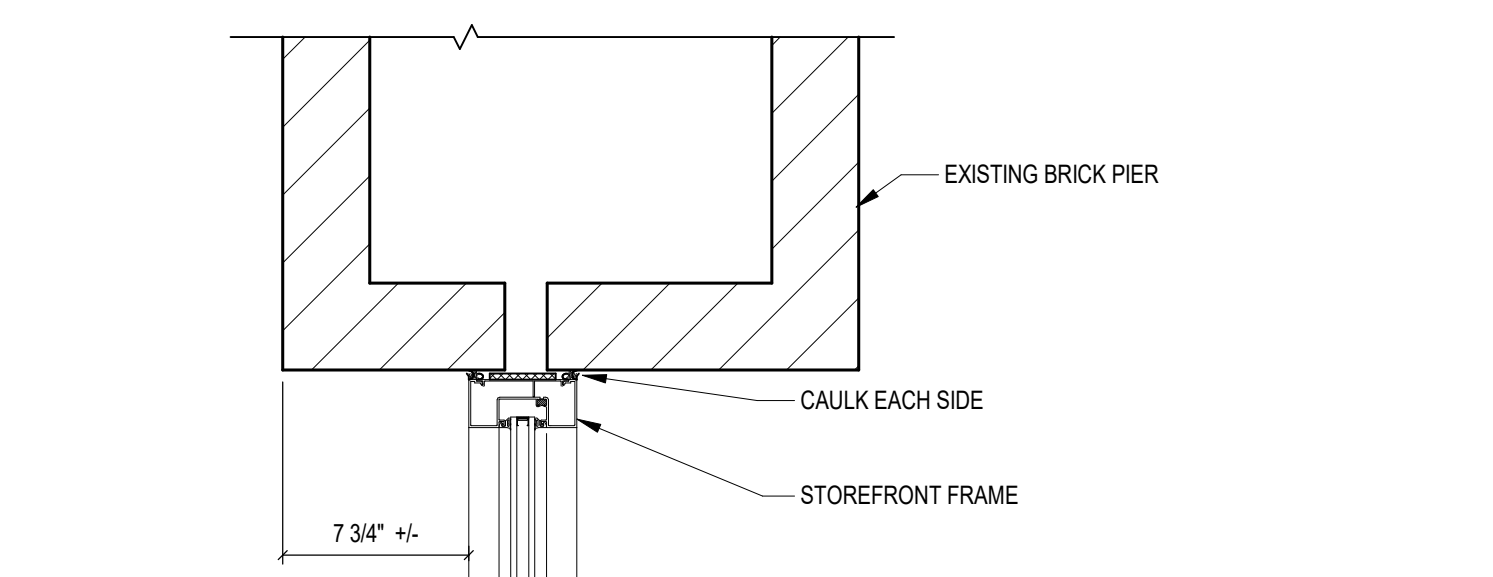
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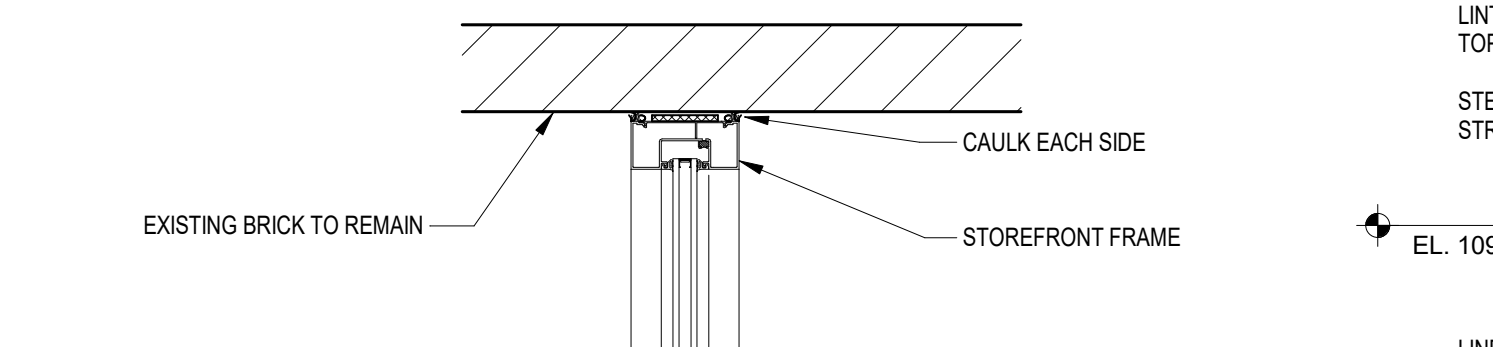
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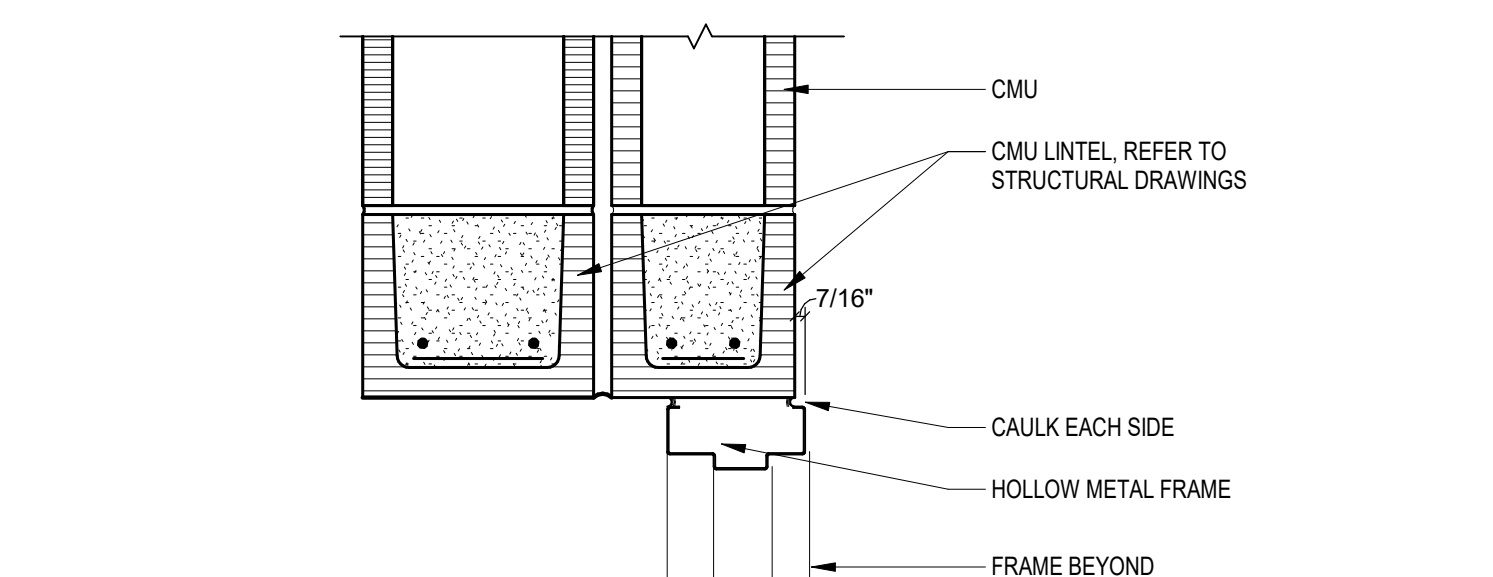
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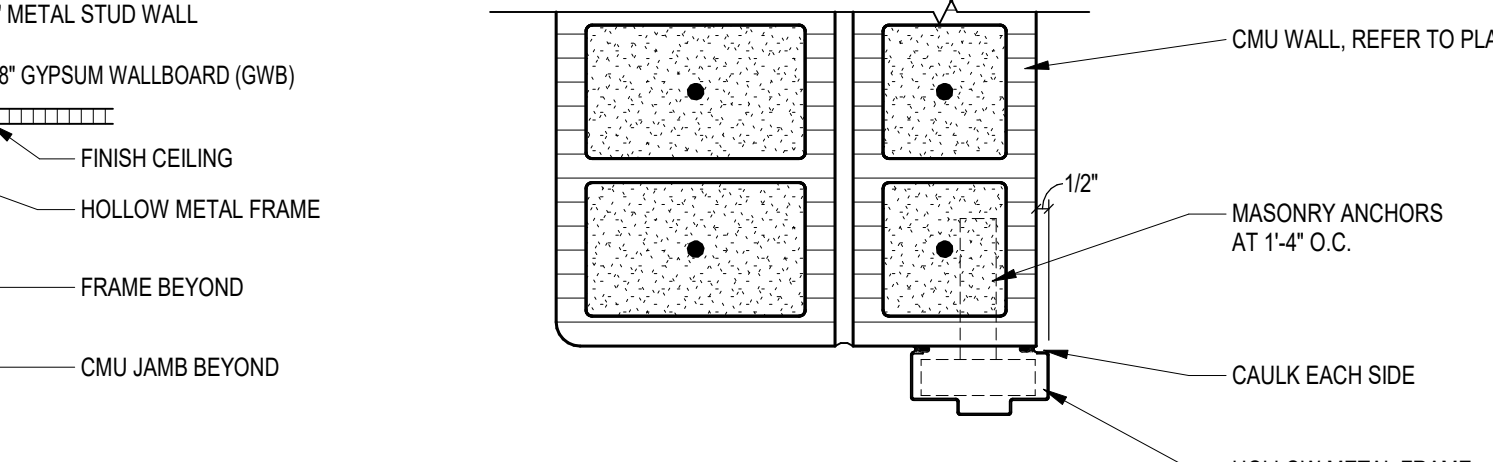
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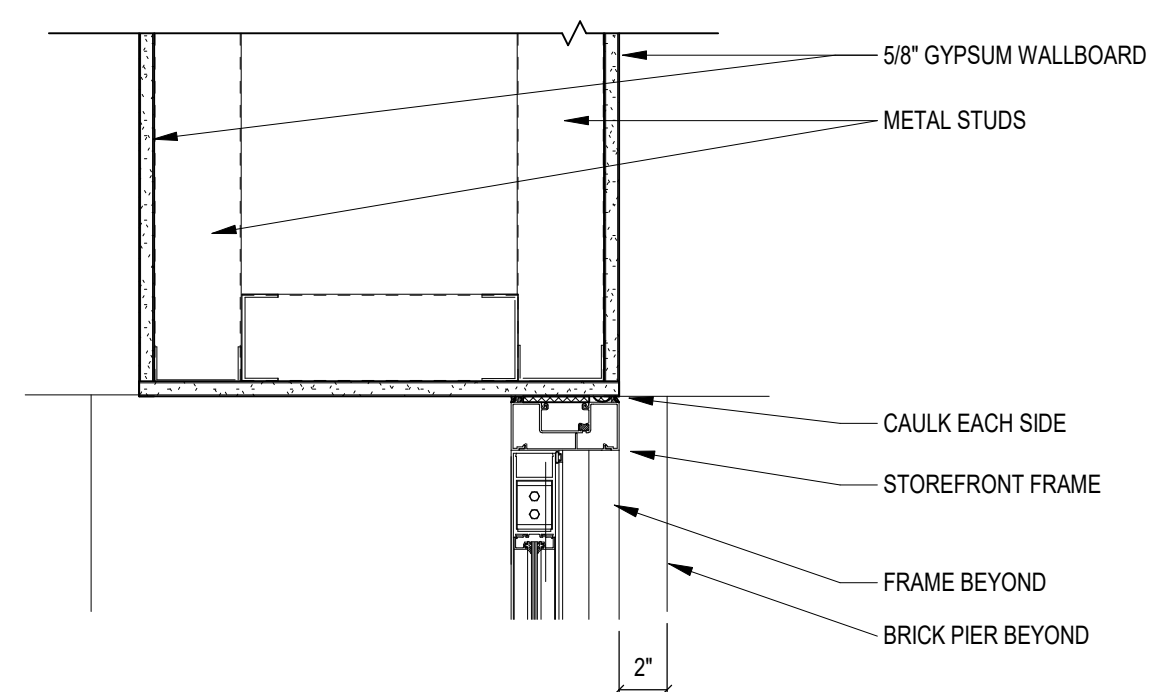
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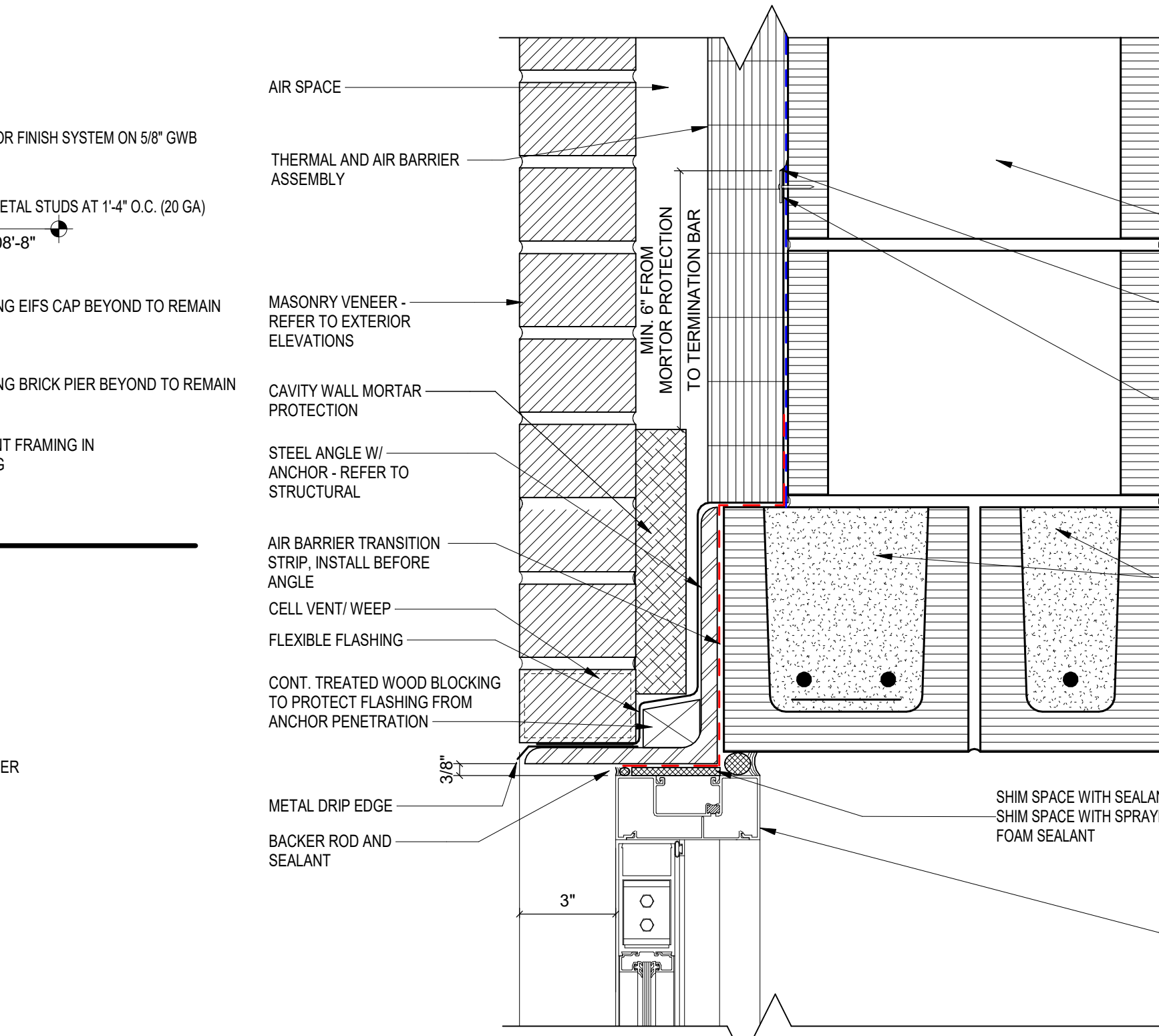
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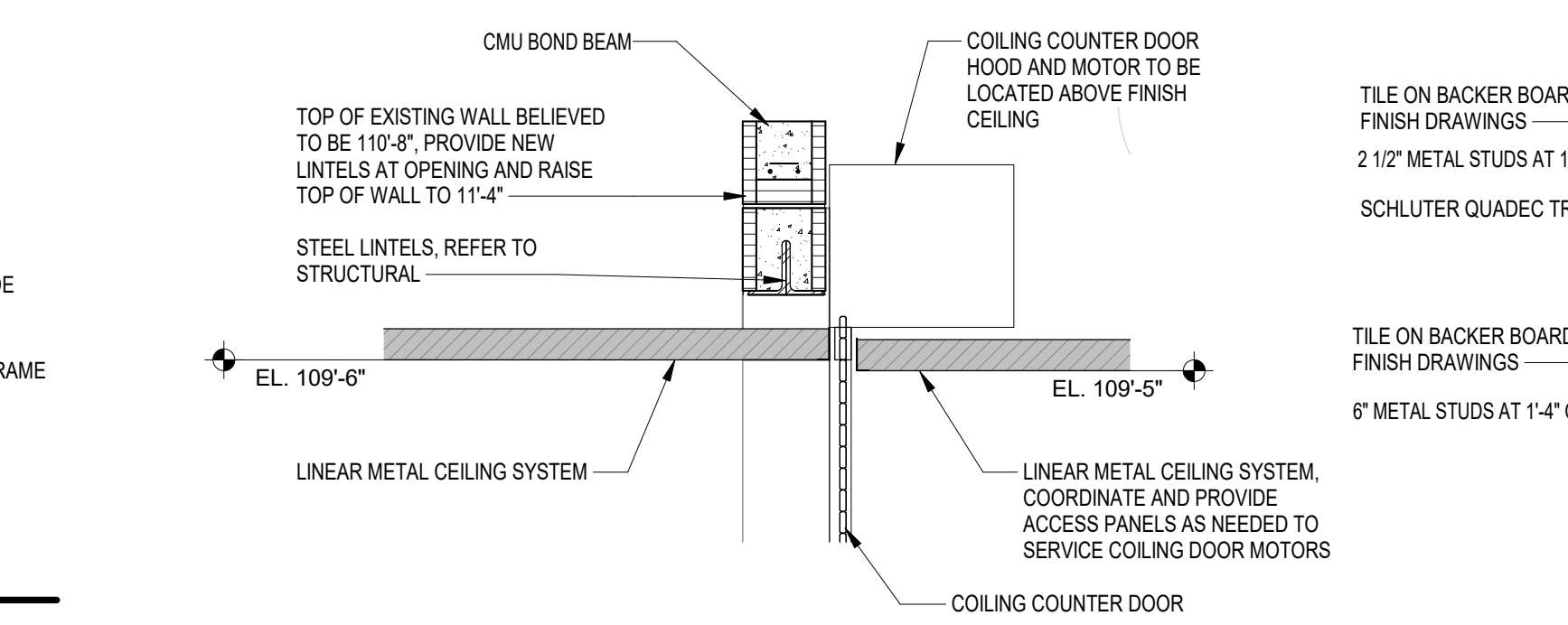
18 JAMB DETAIL



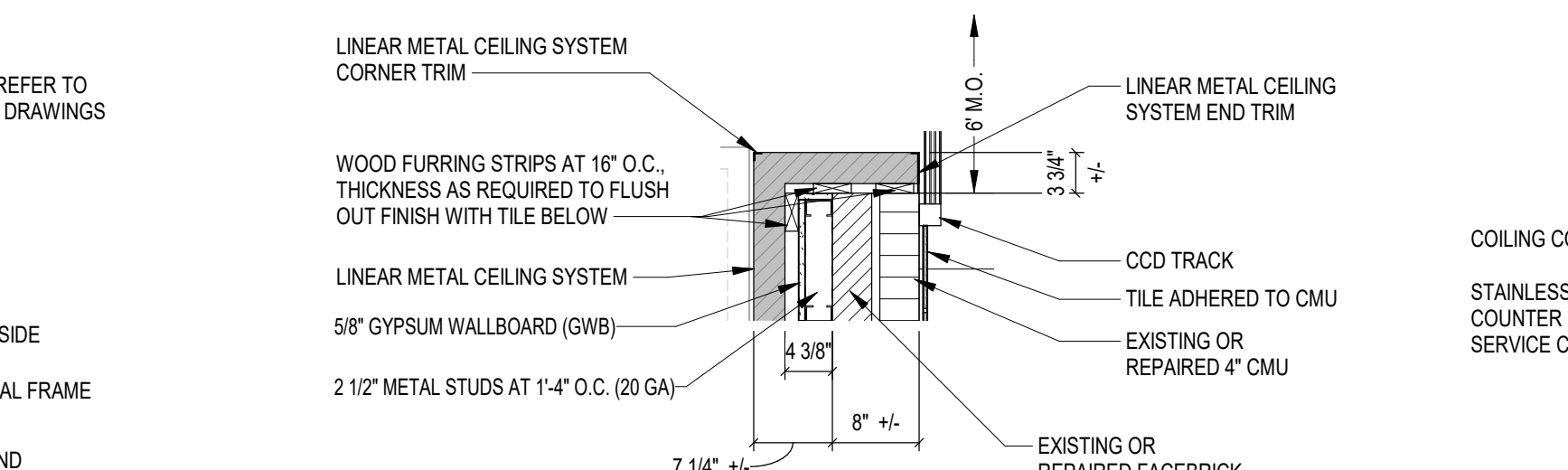
19 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



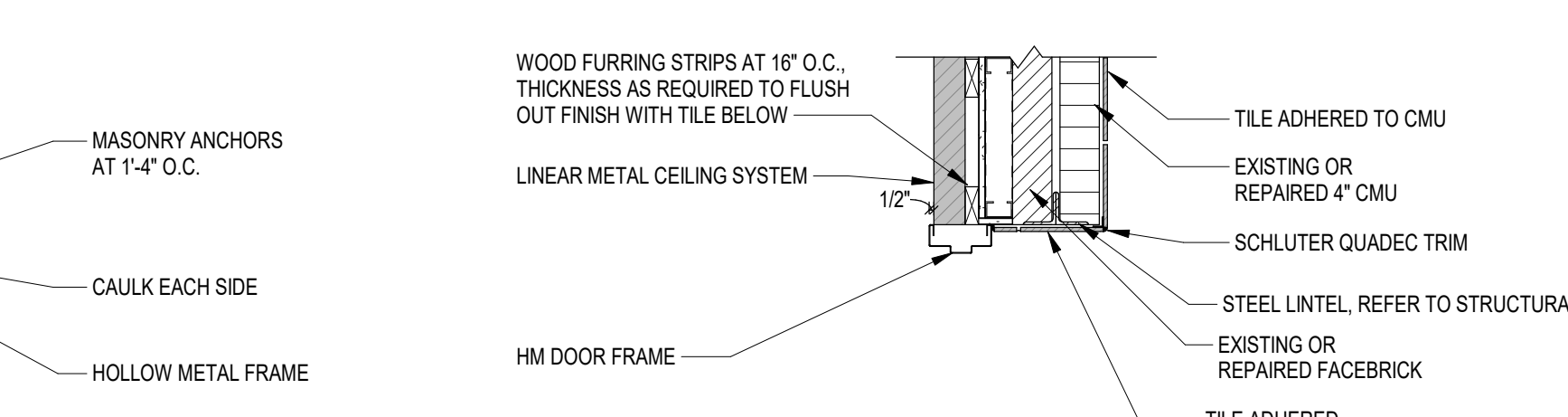
20 HEAD - ALUMINUM FRAME IN MASONRY CAVITY WALL
SCALE: 3" = 1'-0"



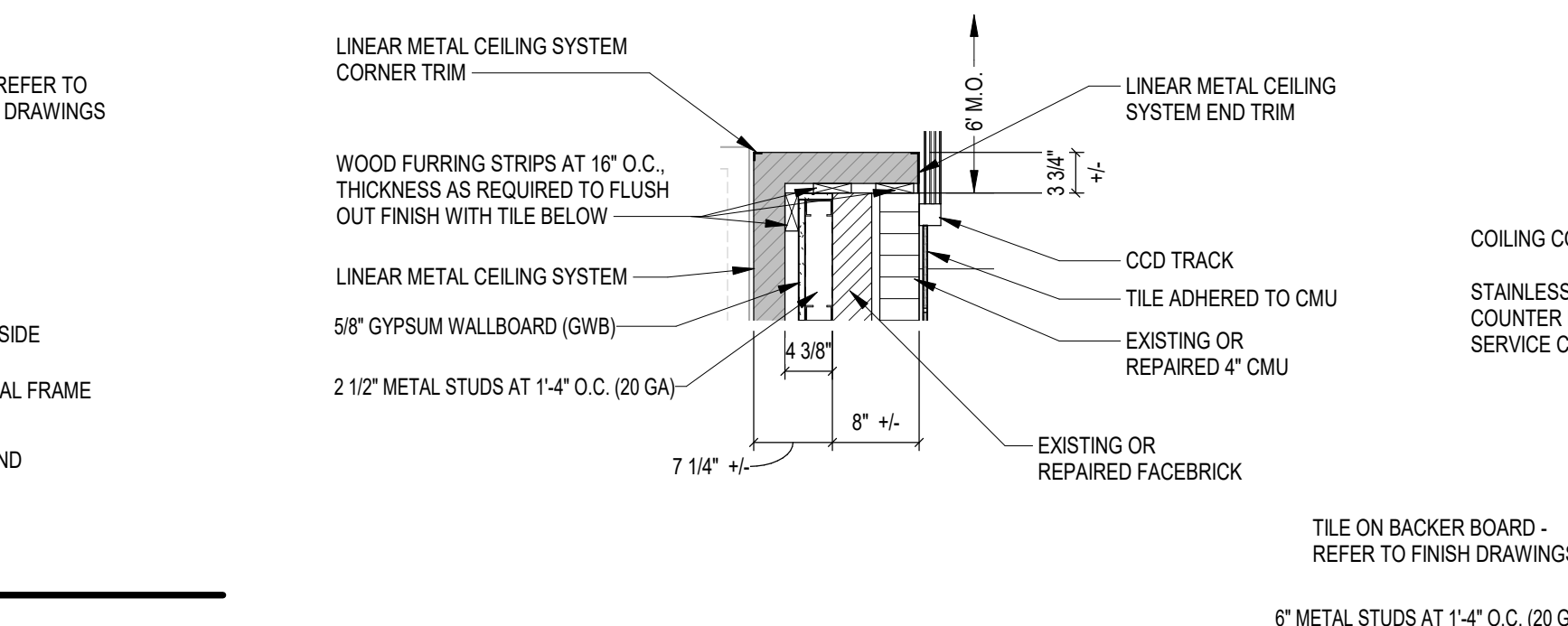
21 CCD HEAD
SCALE: 3/4" = 1'-0"



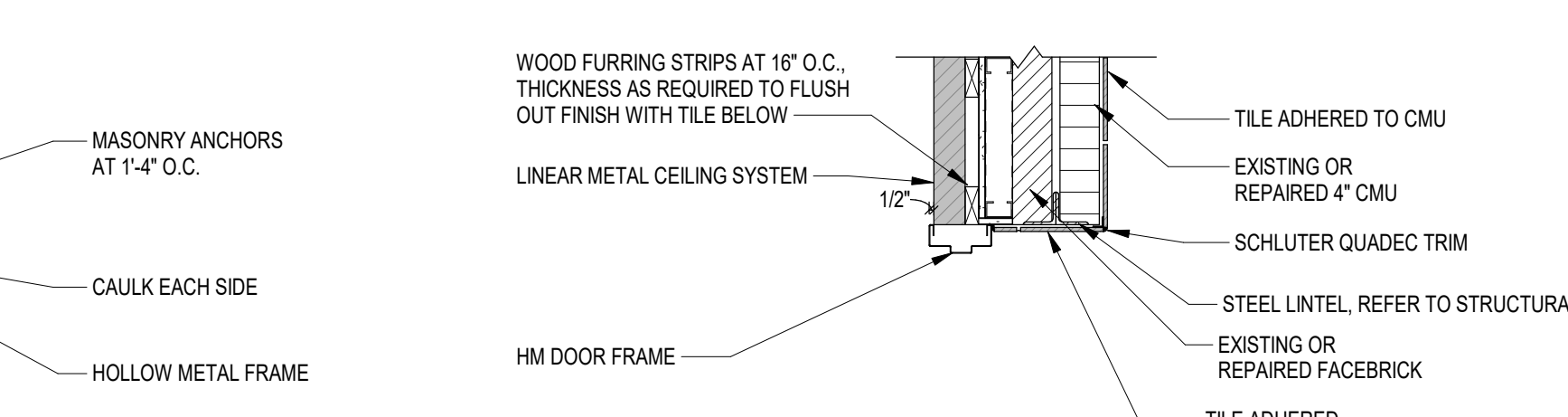
22 CCD JAMB - UPPER
SCALE: 3/4" = 1'-0"



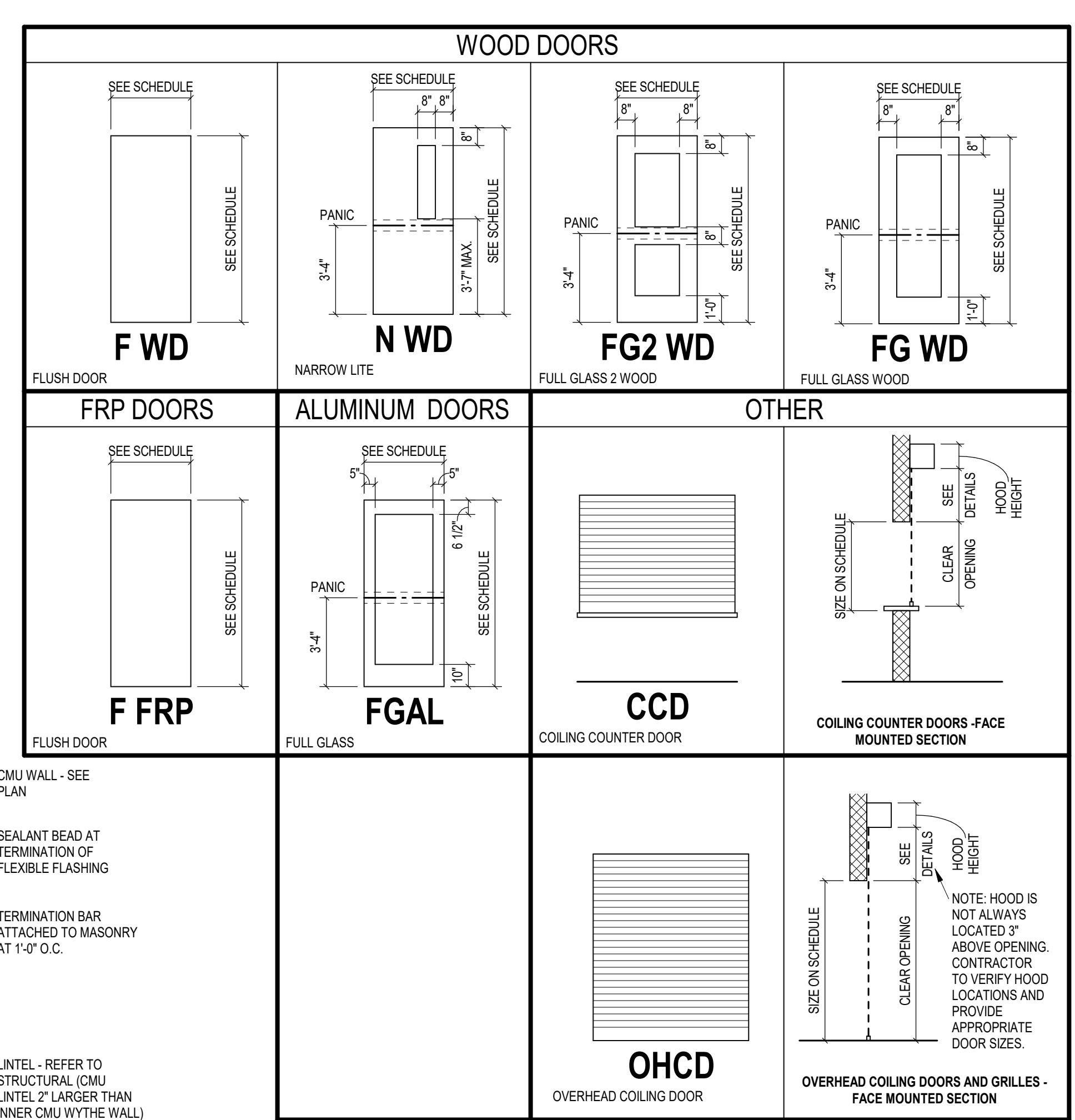
23 CCD JAMB - LOWER
SCALE: 3/4" = 1'-0"



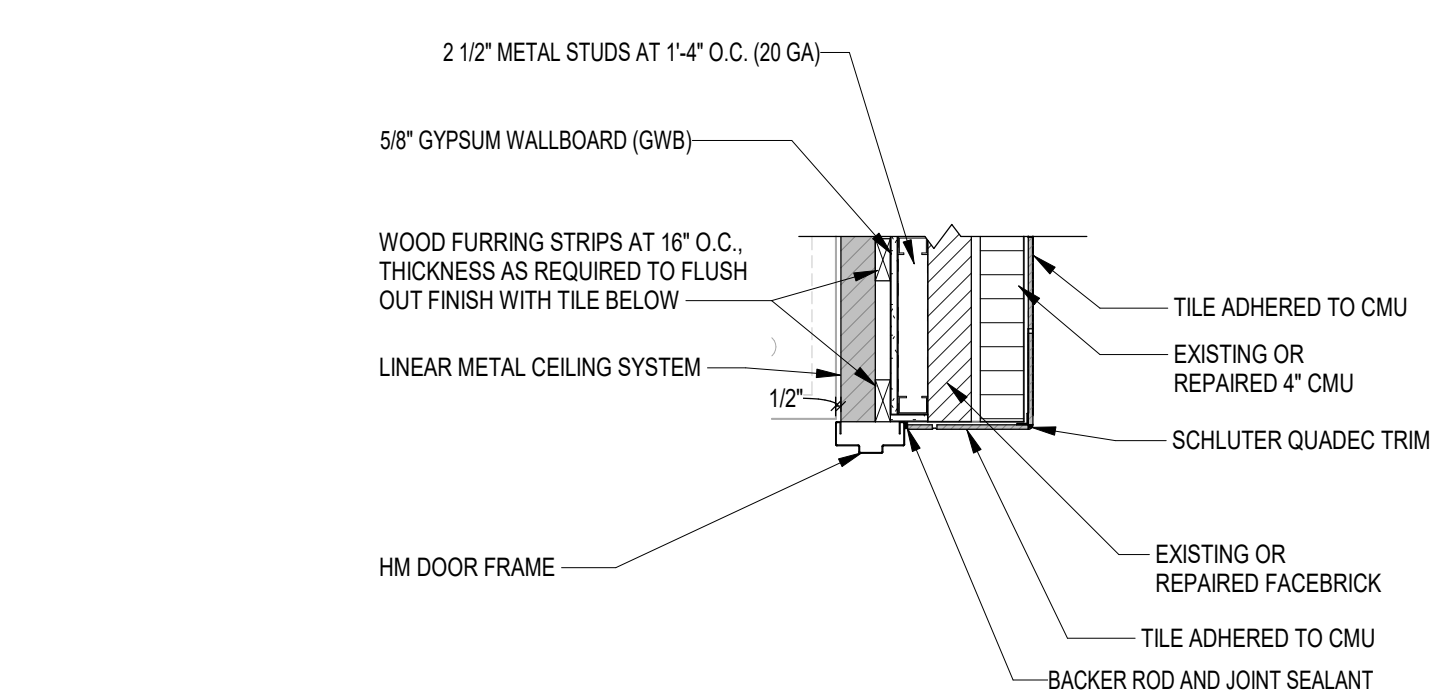
24 CCD SILL
SCALE: 3/4" = 1'-0"



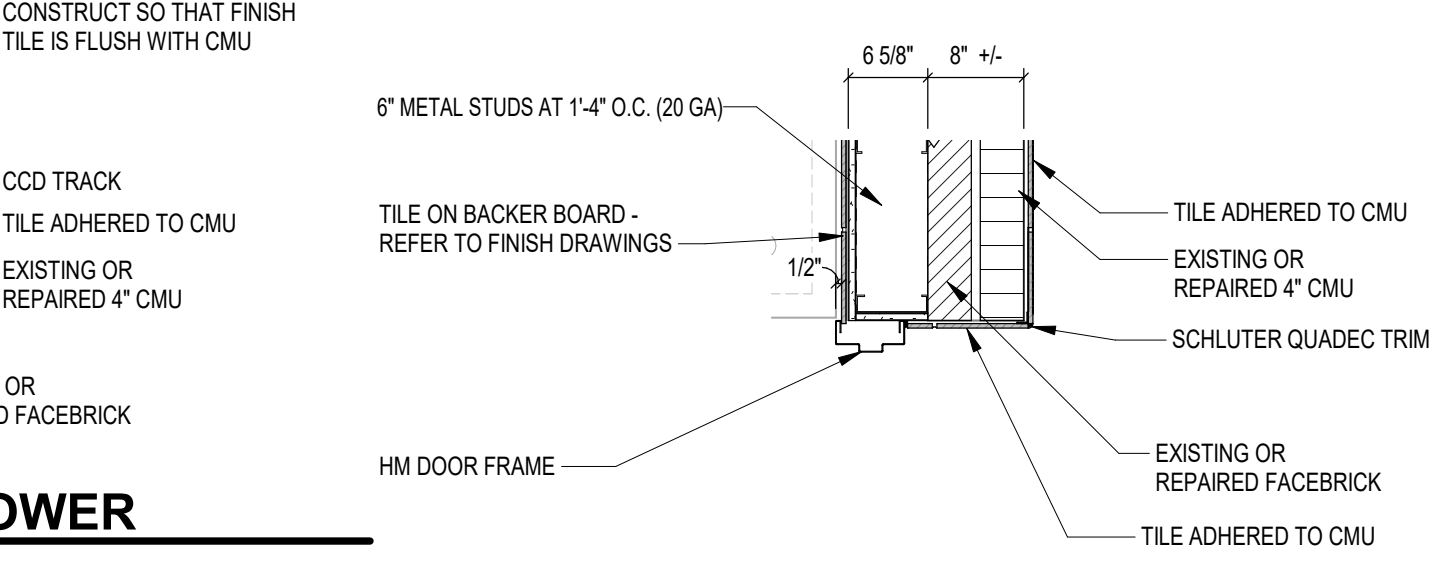
25 KITCHEN DOOR HEAD
SCALE: 3/4" = 1'-0"



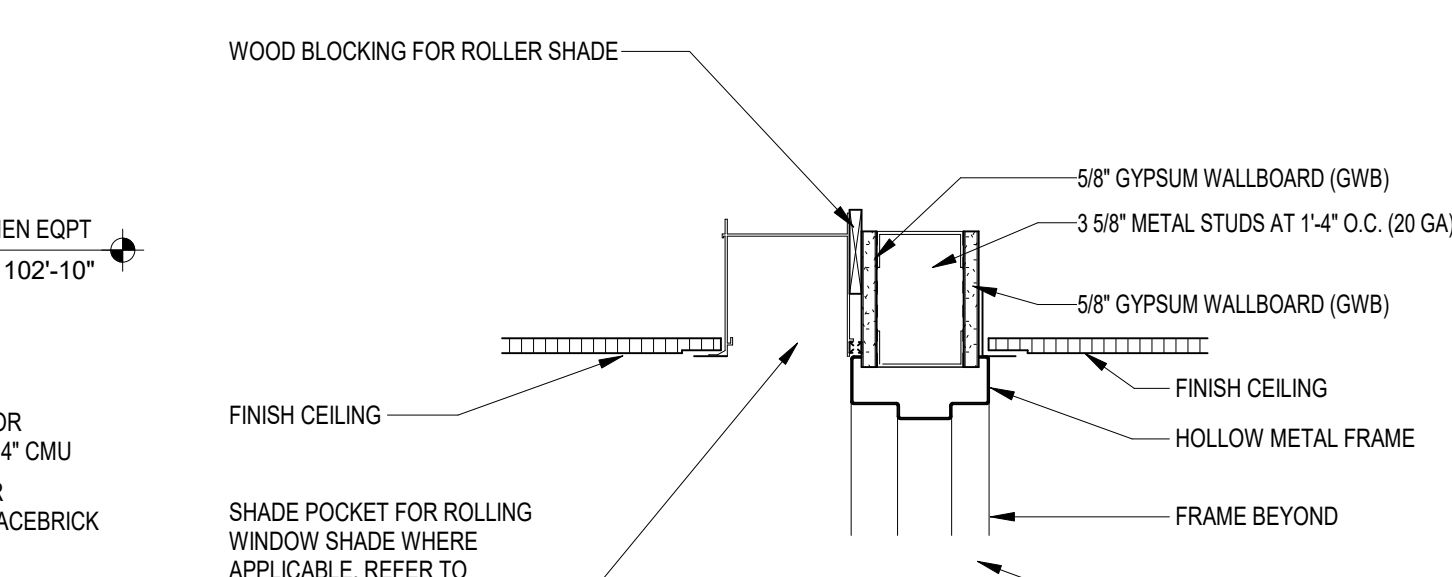
DOOR - DOOR TYPES
SCALE: 1/4" = 1'-0"



26 KITCHEN DOOR JAMB - UPPER
SCALE: 3/4" = 1'-0"

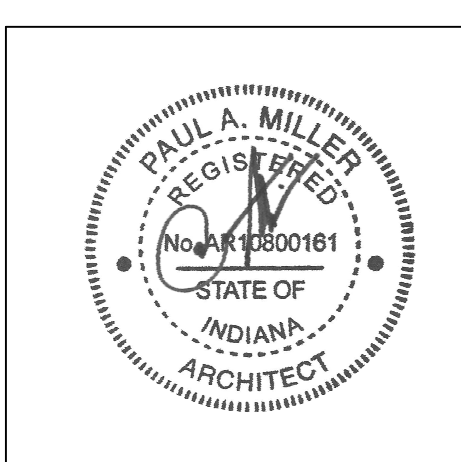


27 KITCHEN DOOR JAMB - LOWER
SCALE: 3/4" = 1'-0"



28 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

BIDS



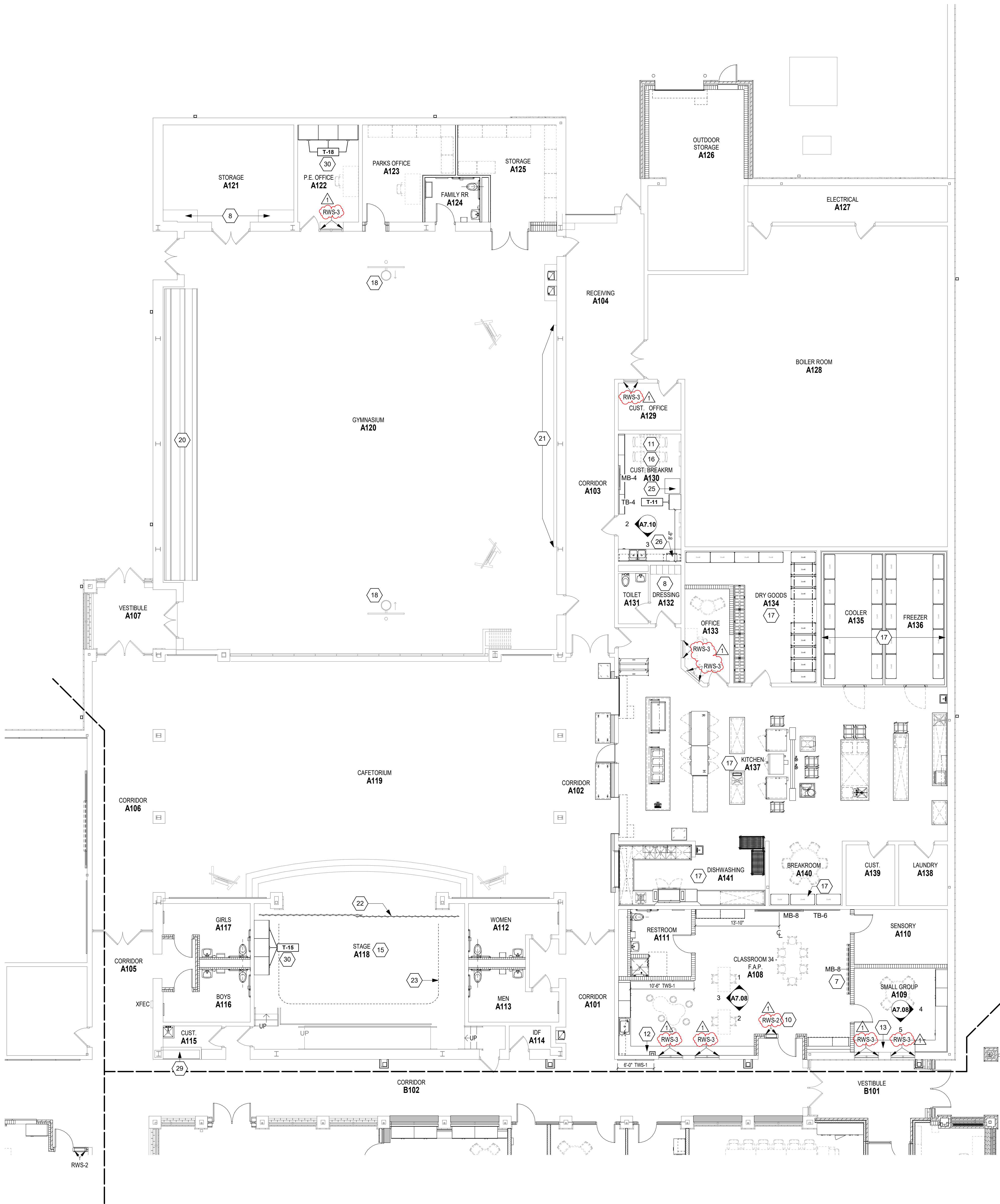
PROJECT MANAGER: SAM
DRAWN BY: DR, TPV
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

FRAME DETAILS / DOOR TYPES

A6.03

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UNIT A EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND - UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A101	CORRIDOR	217 SF
A102	CORRIDOR	416 SF
A103	CORRIDOR	361 SF
A104	RECEIVING	350 SF
A105	CORRIDOR	262 SF
A106	CORRIDOR	522 SF
A107	VESTIBULE	151 SF
A108	CLASSROOM 34 - F.A.P.	728 SF
A109	SMALL GROUP	213 SF
A110	SENSORY	130 SF
A111	RESTROOM	109 SF
A112	WOMEN	112 SF
A113	MEN	109 SF
A114	IDF	29 SF
A115	CUST.	35 SF
A116	BOYS	103 SF
A117	GIRLS	105 SF
A118	STAGE	900 SF
A119	CAFETORIUM	2,305 SF
A120	GYMNASIUM	4,395 SF
A121	STORAGE	344 SF
A122	P.E. OFFICE	161 SF
A123	PARKS OFFICE	203 SF
A124	FAMILY RR	66 SF
A125	STORAGE	217 SF
A126	OUTDOOR STORAGE	470 SF
A127	ELECTRICAL	197 SF
A128	BOILER ROOM	2,306 SF
A129	CUST. OFFICE	80 SF
A130	CUST. BREAKRM	216 SF
A131	TOILET	41 SF
A132	DRESSING	49 SF
A133	OFFICE	110 SF
A134	DRY GOODS	344 SF
A135	COOLER	235 SF
A136	FREEZER	235 SF
A137	KITCHEN	1,480 SF
A138	LAUNDRY	80 SF
A139	CUST.	80 SF
A140	BREAKROOM	725 SF
A141	DISHWASHING	248 SF

EQUIPMENT GENERAL NOTES

- ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- HIDDEN LINES (---) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER. NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (---) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (TB) INDICATES 6" HIGH TACK BOARD. LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4" HIGH MARKER BOARD. LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT WALL CABINET. ALL CASEWORK DOORS AND DRAWERS WILL NOT BE LOCKABLE UNLESS NOTED OTHERWISE.
- ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED. ALL EXPOSED BOTTOMS OF CUBBY CABINETS SHALL BE FINISHED.
- CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
- CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERS, BACKSPASHES, AND WALLS.
- ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED. WC-01 IS MOUNTED WITH THE TOP AT 7'-3" AFF.
- (CG) INDICATES CORNER GUARD. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS AND A7S.01 FOR COLOR SELECTIONS.
- (VTEC) INDICATES EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- (FEC) INDICATES NEW FIRE EXTINGUISHER CABINET.
- (RWS) INDICATES ROLLER WINDOW SHADE.
- REFER TO A7S.01 LIST OF FINISHES FOR EQUIPMENT COLOR SELECTIONS. REFER TO A8S.01 FOR ALL SELECTIONS NOT NOTED ON THIS SHEET.
- INTERIOR PANEL SIGNAGE TO BE PROVIDED BY ALLOWANCE.

EQUIPMENT NOTES

- 42H DOUBLE-SIDED MOBILE UNITS (MBC-01). REFER TO DETAIL ON A7.06 AND MEDIA CENTER CASEWORK SCHEDULE ON A7S.01
- 42H SINGLE-SIDED BOOKSHELVES (MC-2) WITH CONTINUOUS MATCHING PL-3 COUNTERTOP. REFER TO DETAIL 8A7.07
- 60H SINGLE-SIDED BOOKSHELVES (MC-4 OR 5, REFER TO ELEVATIONS)
- CROWN KNEESPACE BELOW COUNTERTOP. REFER TO DETAIL ON A7.06
- BUILT-IN WOOD SHELVING AND NOOK WITH UPHOLSTERED SEAT. REFER TO ELEVATION 9A8.07 & DETAIL 10A7.07
- RECESSED CEILING-MOUNTED ELECTRIC PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 19" DIAGONAL SCREEN
- WALL-MOUNTED MANUAL PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 17" DIAGONAL SCREEN WITH 6" EXTENSION MOUNTING BRACKET
- EXISTING EQUIPMENT TO REMAIN IN THIS ROOM
- SOLID SURFACE KNEE WALL CAP. SSM-2. REFER TO DETAIL 2A5.04
- RWS HOUSING TO BE RECESSED INTO CEILING. REFER TO DETAIL ON A7.06
- MONITOR BY OWNER
- PL-1 CABINETS WITH SSM-1 COUNTERTOP/BACKSPASH
- PL-1 CABINETS WITH PL-2 COUNTERTOP
- WALL-MOUNTED MANUAL PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 19" DIAGONAL SCREEN
- EXISTING PROJECTION SCREEN AND PROJECTOR TO REMAIN
- ALL CASEWORK IN THIS ROOM TO BE PL-4 CABINETS WITH SSM-3 COUNTERTOP/BACKSPASH
- REFER TO FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT SCOPE AND INFORMATION
- INSTALL MOTORIZED HEIGHT ADJUSTER CONVERSION KIT ON EXISTING MANUAL BASKETBALL COIL
- A-8 & A-9 SLIDE-IN ELECTRIC RANGE WITH RECIRCULATING HOOD ABOVE. REFER TO APPLIANCE SCHEDULE ON A7S.01
- EXISTING BLEACHERS TO REMAIN
- EXISTING CLIMBING WALL AND PADDING TO REMAIN
- INSTALL NEW STAGE CURTAIN (SC-1) ON EXISTING TRACK
- INSTALL NEW TRAVELING BACK STAGE CURTAIN (SC-2) ON EXISTING TRACKS
- A-8 & A-9 UNDER-COUNTER ICE MAKER WITH RO SYSTEM. HOUSE RO SYSTEM IN ADJACENT BASE CABINET. REFER TO APPLIANCE SCHEDULE ON A7S.01
- A-1 REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON A7S.01
- A-3 MICROWAVE. REFER TO APPLIANCE SCHEDULE ON A7S.01
- A-5 ADA-COMPLIANT UNDER-COUNTER REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON A7S.01
- A-4 UNDER-COUNTER REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON A7S.01
- EXISTING DISPLAY CASE TO REMAIN. REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION
- PL-1 CABINETS. REFER TO A7S.01 FOR CASEWORK SCHEDULE
- PL-1 PLASTIC LAMINATE CUBBIES (WC-01) WITH HOOKS MOUNTED BELOW. REFER TO TYPICAL ELEVATION 8A7.09 AND DETAILS ON A7.07
- 6TH DIMENSIONAL LETTERS. REFER TO ELEVATIONS FOR DESIGNATION
- CUBICLE CURTAINS AND TRACK. REFER TO A7.06 FOR TRACK DETAIL
- RECESSED CEILING-MOUNTED ELECTRIC PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 17" DIAGONAL SCREEN. INCLUDE 30" DROP
- EXISTING ROLLER WINDOW SHADES TO REMAIN
- EXISTING SCOREBOARD TO REMAIN
- A-2 REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON A7S.01
- VENDING MACHINE. BY OWNER
- 60H SINGLE-SIDED BOOKSHELVES (MC-3) BUILT IN TO RECESS. REFER TO ELEVATIONS
- ALL CASEWORK IN THIS ROOM TO BE PL-3 CABINETS WITH SSM-3 COUNTERTOP/BACKSPASH

VERIFICATION NOTE

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

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CARMEL CLAY SCHOOLS



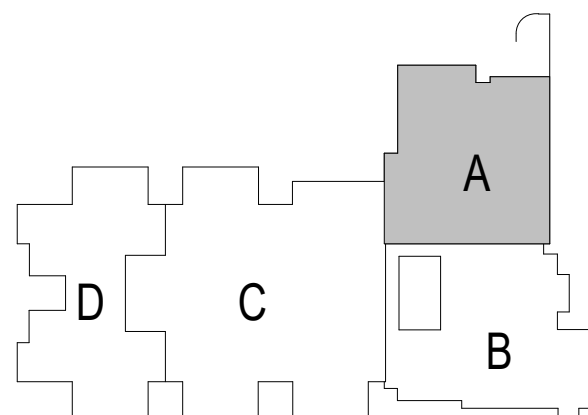
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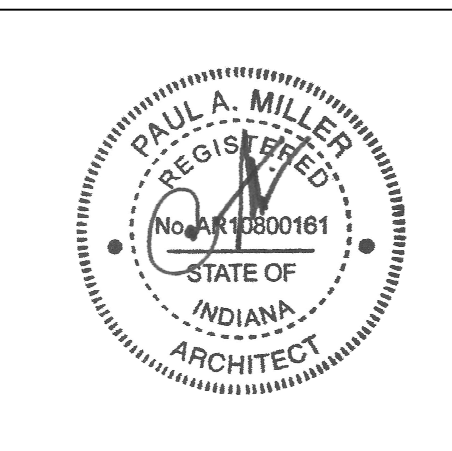
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KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: AML
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

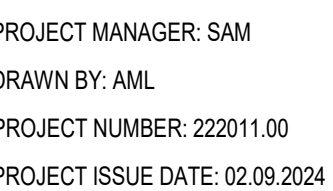
UNIT A - FIRST FLOOR EQUIPMENT
PLAN

A7.01

CARMEL CLAY SCHOOLS

17-848-0966

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UNIT B - FIRST FLOOR EQUIPMENT PLAN

A7.02

[illegible]

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 42TH DOUBLE-SIDED MOBILE UNITS (MC-01), REFER TO DETAIL AT A7.06 AND MEDIA CENTER CASEWORK SCHEDULE AT A7.01
- 2 42TH SINGLE-SIDED BOOKSHELVES (MC-2) WITH CONTINUOUS MATCHING PL-3 COUNTERTOP REFER TO DETAIL A7.07
- 3 60TH SINGLE-SIDED BOOKSHELVES (MC-4 OR 5, REFER TO ELEVATIONS)
- 4 OPEN KNEESPACE BELOW COUNTERTOP, REFER TO DETAIL A7.08
- 5 BUILT-IN WOOD SHELVING AND NOOK WITH UPHOLSTERED SEAT, REFER TO ELEVATION A3.01 AND DETAIL 10.A7.07
- 6 RECESSED CEILING-ADJUNCTED ELECTRIC PROJECTION SCREEN, B.O.D. IS DRAPER LUNA 2 NTSC FORMAT 10" DIAGONAL SCREEN
- 7 WALL-MOUNTED MANUAL PROJECTION SCREEN, B.O.D. IS DRAPER LUNA 2 NTSC DIAGONAL SCREEN WITH 6" EXTENSION MOUNT BRACKET
- 8 EXISTING EQUIPMENT TO REMAIN IN THIS ROOM
- 9 SLD SURFACE KNEE WALL CAP, SSMA; REFER TO DETAIL 245.0.8
- 10 RVS HOUSING TO BE RECESSED INTO CEILING, REFER TO DETAIL AT A7.06
- 11 MONITOR, BY OWNER
- 12 PL-1 CABINETS WITH SS-M1 COUNTERTOP/BACKSLASH
- 13 PL-1 CABINETS WITH PL-2 COUNTERTOP
- 14 WALL-MOUNTED MANUAL PROJECTION SCREEN, B.O.D. IS DRAPER LUNA 2 NTSC FORMAT 15" DIAGONAL SCREEN
- 15 EXISTING PROJECTION SCREEN AND PROJECTOR TO REMAIN
- 16 ALL CASEWORK IN THIS ROOM TO BE PL-4 CABINETS WITH SS-M1 COUNTERTOP/BACKSLASH
- 17 REFER TO FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT SPEC AND INFORMATION
- 18 INSTALL MOTORIZED HEIGHT ADJUSTMENT CONVERSION KIT TO EXISTING MANUAL BASKETBALL GOAL
- 19 A-8 & A-9 SLIDE-IN ELECTRIC RANGE WITH RECYCLING HOOD ABOVE, REFER TO APPLIANCE SCHEDULE ON A7.01
- 20 INSTALL STOVE BURNERS
- 21 EXISTING CLIMATE WALL AND PACING TO REMAIN
- 22 INSTALL NEW STAGE CURTAIN (SC-1) ON EXISTING TRACK
- 23 INSTALL NEW TRAVELING BACK SCENE CURTAIN (SC-2) ON EXISTING TRACKS
- 24 A-6 & A-7 UNDER-COUNTER ICE MAKER WITH RO SYSTEM; HOUSE RO SYSTEM IN ADJACENT BASE CABINET; REFER TO APPLIANCE SCHEDULE ON A7.01
- 25 A-8 REFRIGERATOR, REFER TO APPLIANCE SCHEDULE ON A7.01
- 26 A-3 MICROWAVE, REFER TO APPLIANCE SCHEDULE ON A7.01
- 27 A-5 ADA-COMPLIANT UNDER-COUNTER REFRIGERATOR, REFER TO APPLIANCE SCHEDULE ON A7.01
- 28 A-4 UNDER-COUNTER REFRIGERATOR, REFER TO APPLIANCE SCHEDULE ON A7.01
- 29 EXISTING DISPLAY CASE TO REMAIN, REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION
- 30 PL-1 CABINETS, REFER TO A7.01 FOR CASEWORK SCHEDULE
- 31 PL-1 PLASTIC LAMINATE CUBBIES (WC-01) WITH HOOKS MOUNTED BELOW, REFER TO (TYPICAL ELEVATION A8.09 AND DETAIL A7.04.07)
- 32 9TH DIMENSIONAL LETTERS, REFER TO ELEVATIONS FOR DESIGNATION
- 33 CURBCE CURTAINS AND TRACK, REFER TO A7.06 FOR TRACK REEL
- 34 RECESSED CEILING-ADJUNCTED ELECTRIC PROJECTION SCREEN, B.O.D. IS DRAPER LUNA 2 NTSC FORMAT 10" DIAGONAL SCREEN - INCLUDE OF DROP
- 35 EXISTING ROLLER WINDOW SHADES TO REMAIN
- 36 EXISTING SCOREBOARD TO REMAIN
- 37 A-2 REFRIGERATOR, REFER TO APPLIANCE SCHEDULE ON A7.01
- 38 VENDING MACHINE, BY OWNER
- 39 60TH SINGLE-SIDED BOOKSHELVES (MC-3) BUILT IN TO REFER TO ELEVATIONS
- 40 ALL CASEWORK IN THIS ROOM TO BE PL-3 CABINETS WITH SS-M3 COUNTERTOP/BACKSLASH

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



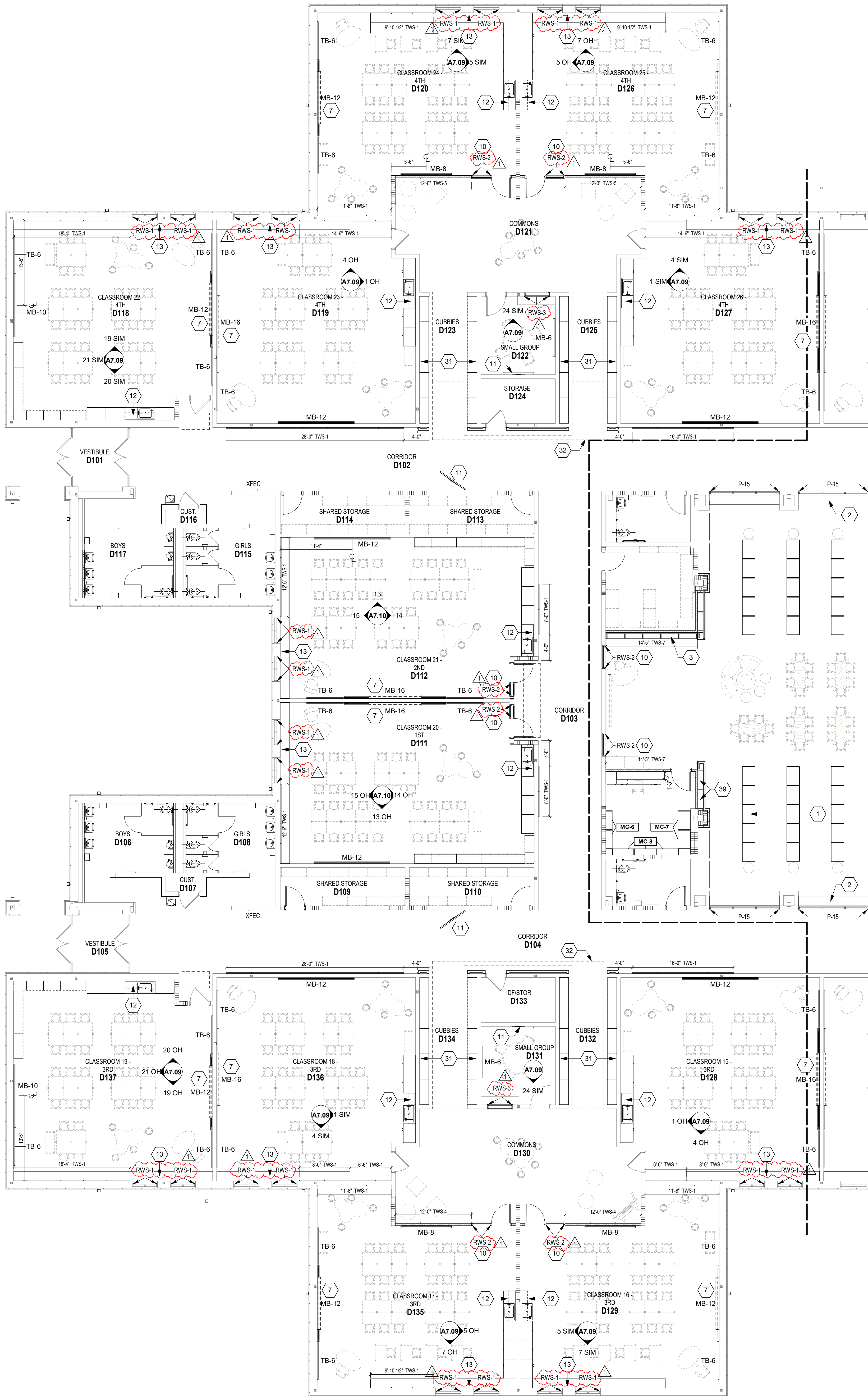
A7.03

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



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UNIT D EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND - UNIT D		
ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	CORRIDOR	786 SF
D103	CORRIDOR	708 SF
D104	CORRIDOR	1,132 SF
D105	VESTIBULE	87 SF
D106	BOYS	206 SF
D107	CUST.	15 SF
D108	GIRLS	203 SF
D109	SHARED STORAGE	119 SF
D110	SHARED STORAGE	119 SF
D111	CLASSROOM 20 - 1ST	989 SF
D112	CLASSROOM 21 - 2ND	989 SF
D113	SHARED STORAGE	120 SF
D114	SHARED STORAGE	119 SF
D115	GIRLS	204 SF
D116	CUST.	15 SF
D117	BOYS	206 SF
D118	CLASSROOM 22 - 4TH	965 SF
D119	CLASSROOM 23 - 4TH	981 SF
D120	CLASSROOM 24 - 4TH	878 SF
D121	COMMONS	648 SF
D122	SMALL GROUP	145 SF
D123	CUBBIES	189 SF
D124	STORAGE	83 SF
D125	CUBBIES	189 SF
D126	CLASSROOM 25 - 4TH	878 SF
D127	CLASSROOM 26 - 4TH	981 SF
D128	CLASSROOM 27 - 4TH	982 SF
D129	CLASSROOM 16 - 3RD	877 SF
D130	COMMONS	649 SF
D131	SMALL GROUP	145 SF
D132	CUBBIES	189 SF
D133	IDF/STOR	83 SF
D134	CUBBIES	189 SF
D135	CLASSROOM 17 - 3RD	877 SF
D136	CLASSROOM 18 - 3RD	981 SF
D137	CLASSROOM 19 - 3RD	965 SF

EQUIPMENT GENERAL NOTES

- ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- HIDDEN LINES (---) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER. NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (---) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (TB) INDICATES 2" HIGH TACK BOARD. LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4" HIGH MARKER BOARD. LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- (TWS) INDICATES TACKABLE WALL SURFACE. LENGTH AS DIMENSIONED. REFER TO ELEVATIONS FOR HEIGHTS. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET. ALL CASEWORK DOORS AND DRAWERS WILL NOT BE LOCKABLE UNLESS NOTED OTHERWISE.
- ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED. ALL EXPOSED BOTTOMS OF CURBY CABINETS SHALL BE FINISHED.
- CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
- CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERS, BACKSPASHES, AND WALLS.
- ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED. WC-01 IS MOUNTED WITH THE TOP AT 7'-3" AFF.
- (CS) INDICATES CORNER GUARD. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS AND AT5.01 FOR COLOR SELECTIONS.
- (WFE) INDICATES EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- (FC) INDICATES NEW FIRE EXTINGUISHER CABINET.
- (RWS) INDICATES ROLLER WINDOW SHADE.
- REFER TO AT5.01 LIST OF FINISHES FOR EQUIPMENT COLOR SELECTIONS. REFER TO A8S.01 FOR ALL SELECTIONS NOT NOTED ON THIS SHEET.
- INTERIOR PANEL SIGNAGE TO BE PROVIDED BY ALLOWANCE.

EQUIPMENT NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 42H DOUBLE-SIDED MOBILE UNITS (MC-01). REFER TO DETAIL ON A7.05 AND MEDIA CENTER CASEWORK SCHEDULE ON AT5.01
- 42H SINGLE-SIDED BOOKSHELVES (MC-2) WITH CONTINUOUS MATCHING PL-3 COUNTERTOP. REFER TO DETAIL A7.07
- 60H SINGLE-SIDED BOOKSHELVES (MC-4 OR 5. REFER TO ELEVATIONS)
- OPEN KNEESPACE BELOW COUNTERTOP. REFER TO DETAIL ON A7.06
- BUILT-IN WOOD SHELVING AND NOOK WITH UPHOLSTERED SEAT. REFER TO ELEVATION 3A8.07 & DETAIL 10A7.07
- RECESSED CEILING-MOUNTED ELECTRIC PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 150" DIAGONAL SCREEN
- WALL-MOUNTED MANUAL PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 10' DIAGONAL SCREEN WITH 6" EXTENSION MOUNTING BRACKET
- EXISTING EQUIPMENT TO REMAIN IN THIS ROOM
- SOLID SURFACE KNEE WALL CAP. SSM-2. REFER TO DETAIL 2A6.04
- RWS HOUSING TO BE RECESSED INTO CEILING. REFER TO DETAIL ON A7.06
- MONITOR BY OWNER
- PL-1 CABINETS WITH SSM-1 COUNTERTOP/BACKSPASH
- PL-1 CABINETS WITH PL-2 COUNTERTOP
- WALL-MOUNTED MANUAL PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 150" DIAGONAL SCREEN
- EXISTING PROJECTION SCREEN AND PROJECTOR TO REMAIN
- ALL CASEWORK IN THIS ROOM TO BE PL-4 CABINETS WITH SSM-3 COUNTERTOP/BACKSPASH
- REFER TO FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT SCOPE AND INFORMATION
- INSTALL MOTORIZED HEIGHT ADJUSTER CONVERSION KIT ON EXISTING MANUAL BASKETBALL GOAL
- A-8 & A-9. SLIDE-IN ELECTRIC RANGE WITH RECIRCULATING HOOD ABOVE. REFER TO APPLIANCE SCHEDULE ON AT5.01
- EXISTING BLEACHERS TO REMAIN
- EXISTING CLIMBING WALL AND PADDING TO REMAIN
- INSTALL NEW STAGE CURTAIN (SC-1) ON EXISTING TRACK
- INSTALL NEW TRAVELING BACK STAGE CURTAIN (SC-2) ON EXISTING TRACKS
- A-8 & A-7. UNDER-COUNTER ICE MAKER WITH RO SYSTEM. HOUSE RO SYSTEM IN ADJACENT BASE CABINET. REFER TO APPLIANCE SCHEDULE ON AT5.01
- A-1. REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON AT5.01
- A-3. MICROWAVE. REFER TO APPLIANCE SCHEDULE ON AT5.01
- A-5. ADA-COMPLIANT UNDER-COUNTER REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON AT5.01
- A-4. UNDER-COUNTER REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON AT5.01
- EXISTING DISPLAY CASE TO REMAIN. REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION
- PL-1 CABINETS. REFER TO AT5.01 FOR CASEWORK SCHEDULE
- PL-1 PLASTIC LAMINATE CUBBIES (WC-01) WITH HOOKS MOUNTED BELOW. REFER TO TYPICAL ELEVATION A8A7.09 AND DETAILS ON A7.07
- 60H DIMENSIONAL LETTERS. REFER TO ELEVATIONS FOR DESIGNATION
- CUBICLE CURTAINS AND TRACK. REFER TO A7.06 FOR TRACK DETAIL
- RECESSED CEILING-MOUNTED ELECTRIC PROJECTION SCREEN. B.O.D. IS DRAPER LUMA 2 NTSC FORMAT 10' DIAGONAL SCREEN - INCLUDE 30" DROP
- EXISTING ROLLER WINDOW SHADES TO REMAIN
- EXISTING SCOREBOARD TO REMAIN
- A-2. REFRIGERATOR. REFER TO APPLIANCE SCHEDULE ON AT5.01
- VENDING MACHINE. BY OWNER
- 60H SINGLE-SIDED BOOKSHELVES (MC-3) BUILT IN TO RECESS. REFER TO ELEVATIONS
- ALL CASEWORK IN THIS ROOM TO BE PL-3 CABINETS WITH SSM-3 COUNTERTOP/BACKSPASH

VERIFICATION NOTE

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CARMEL CLAY SCHOOLS



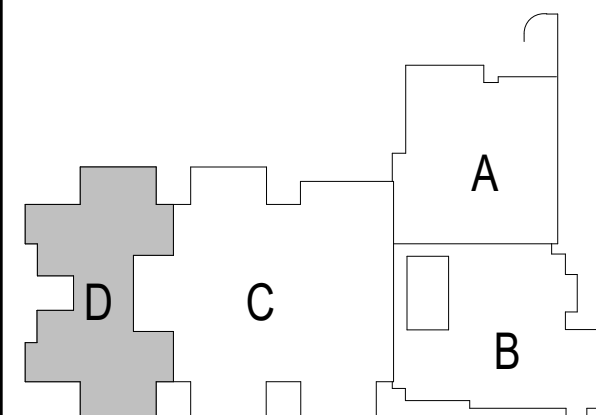
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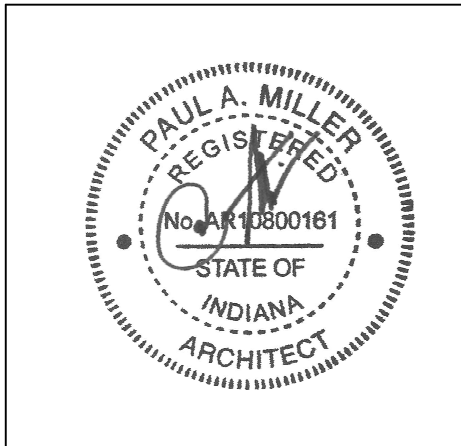
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KEY PLAN

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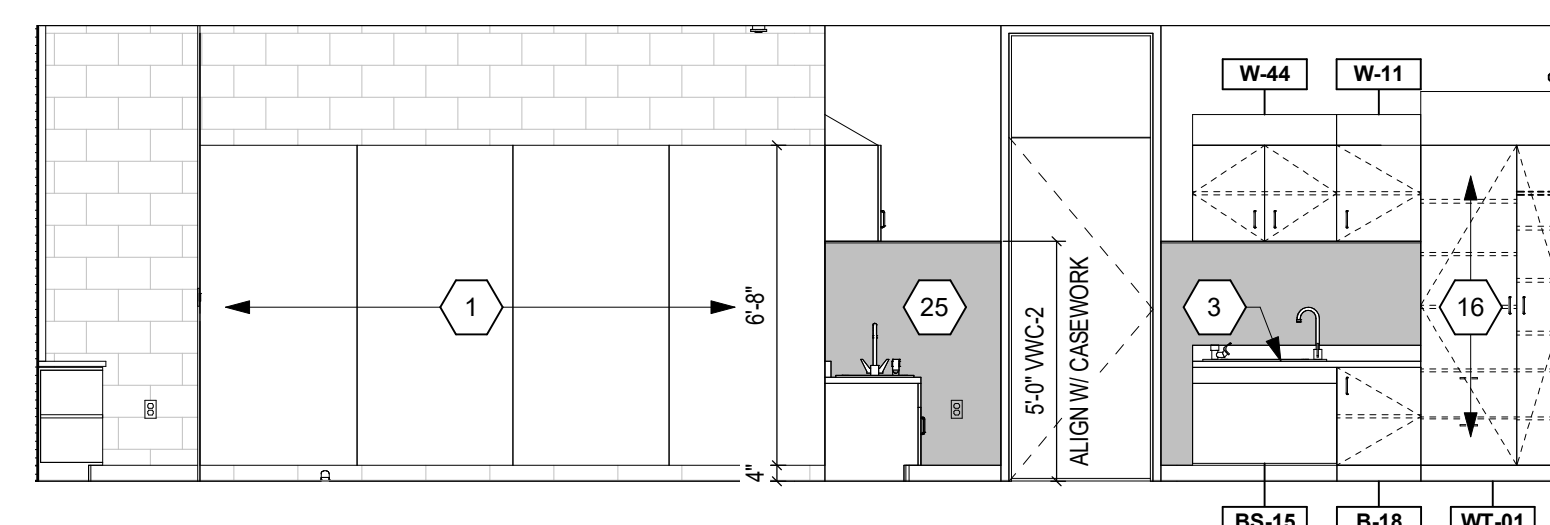
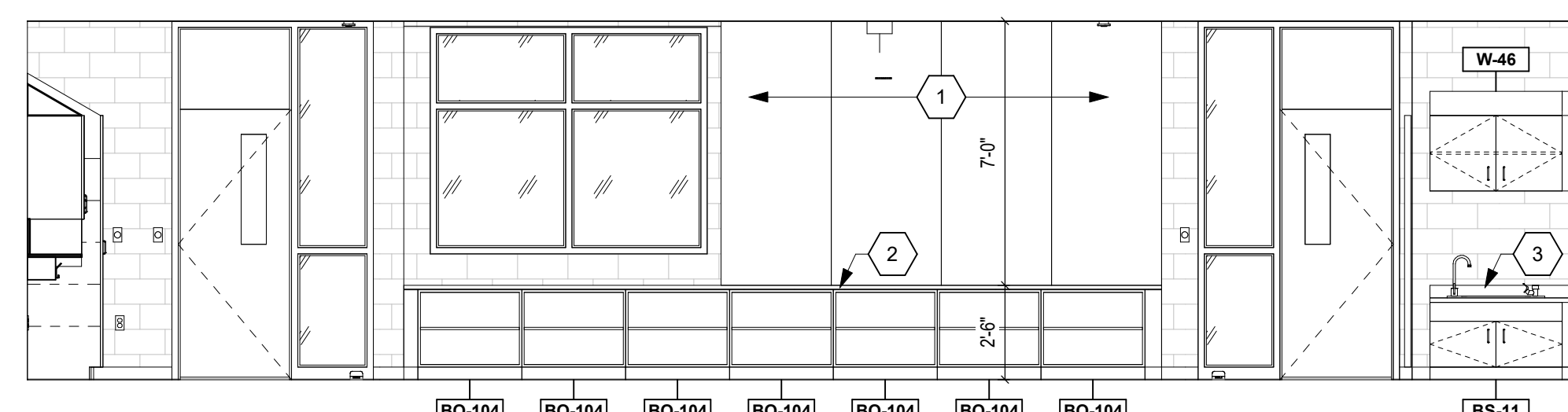
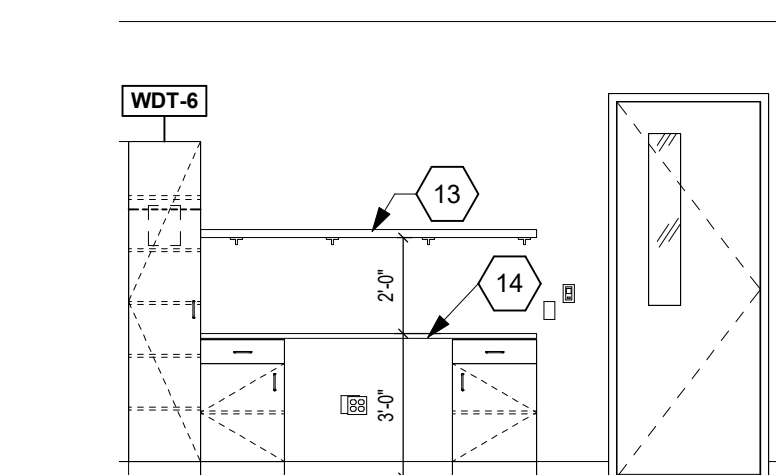
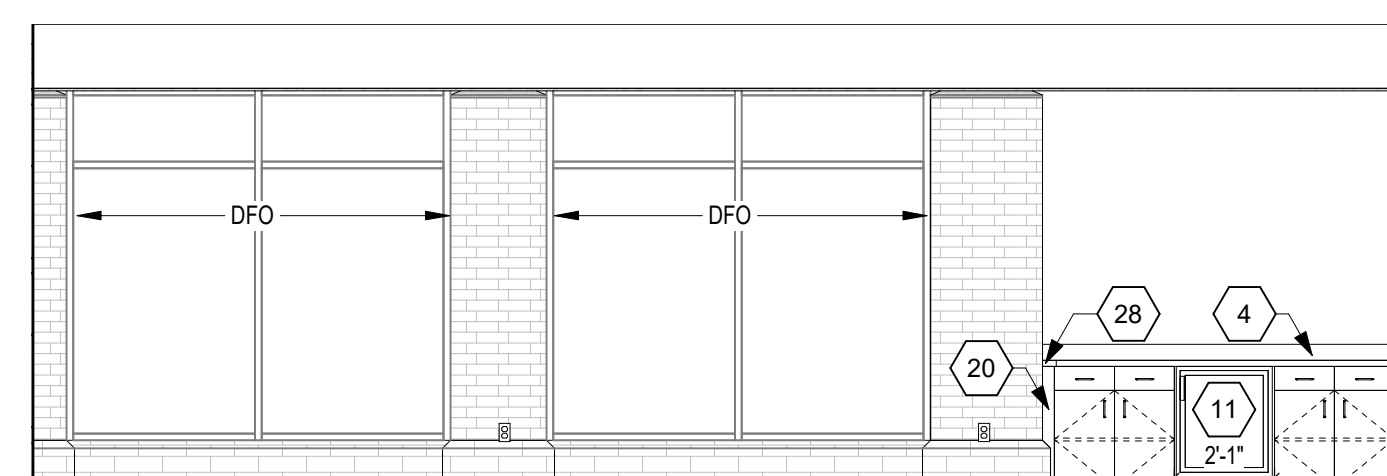
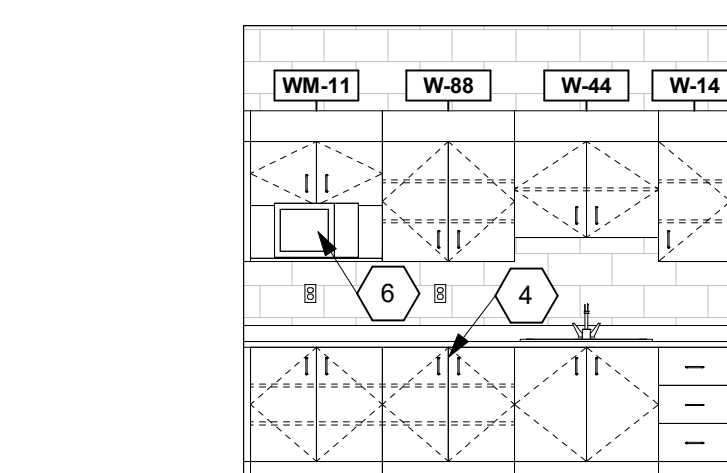
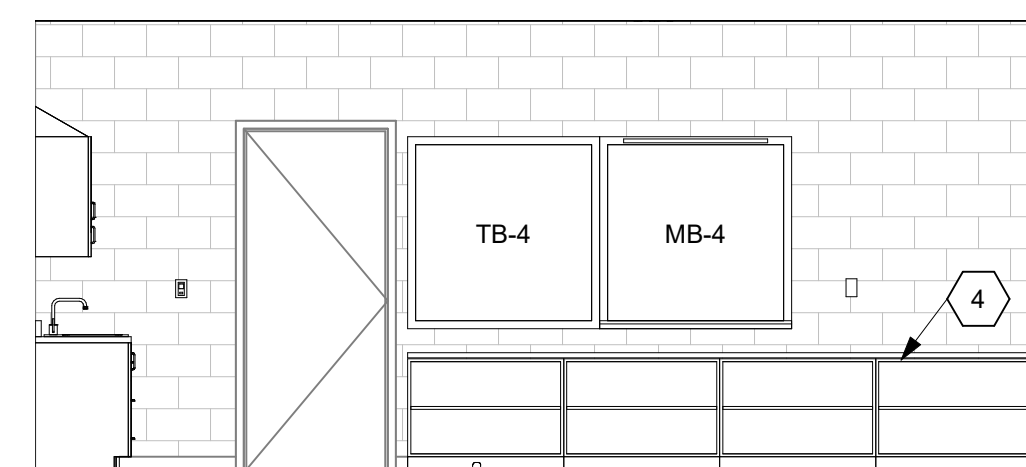
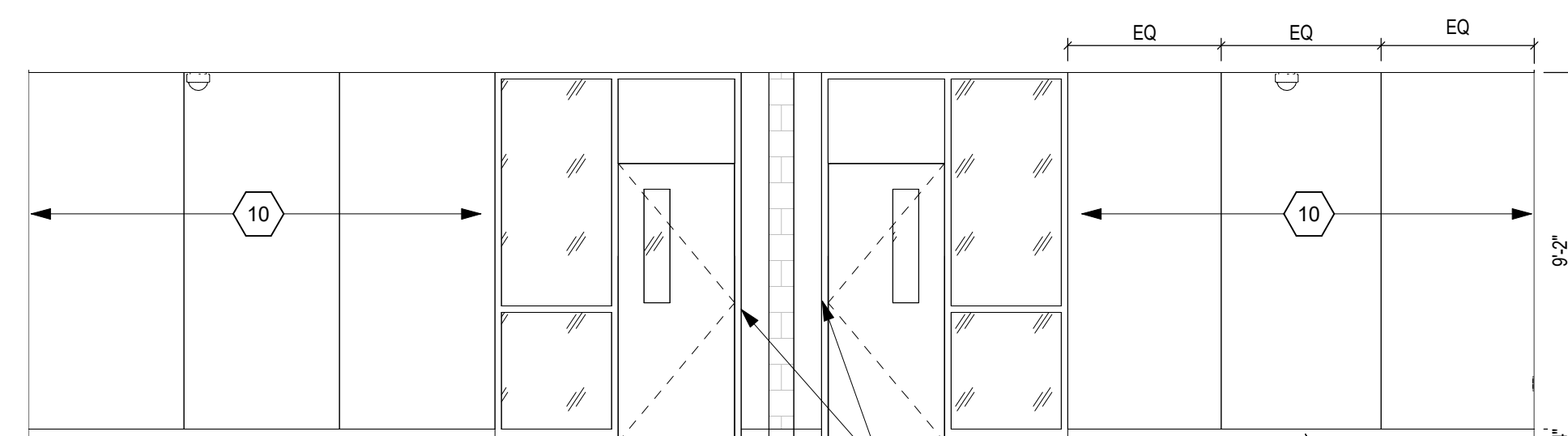
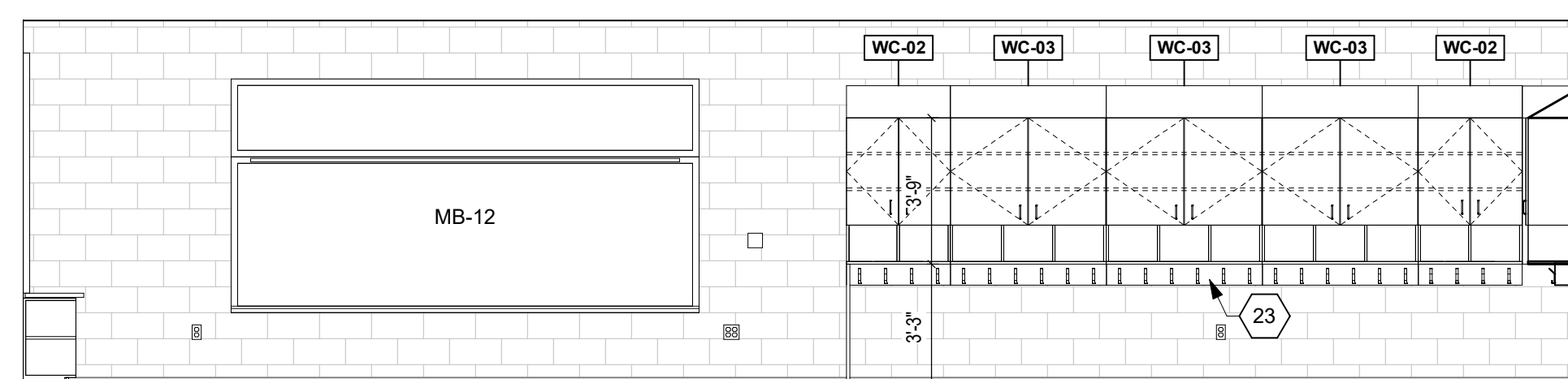
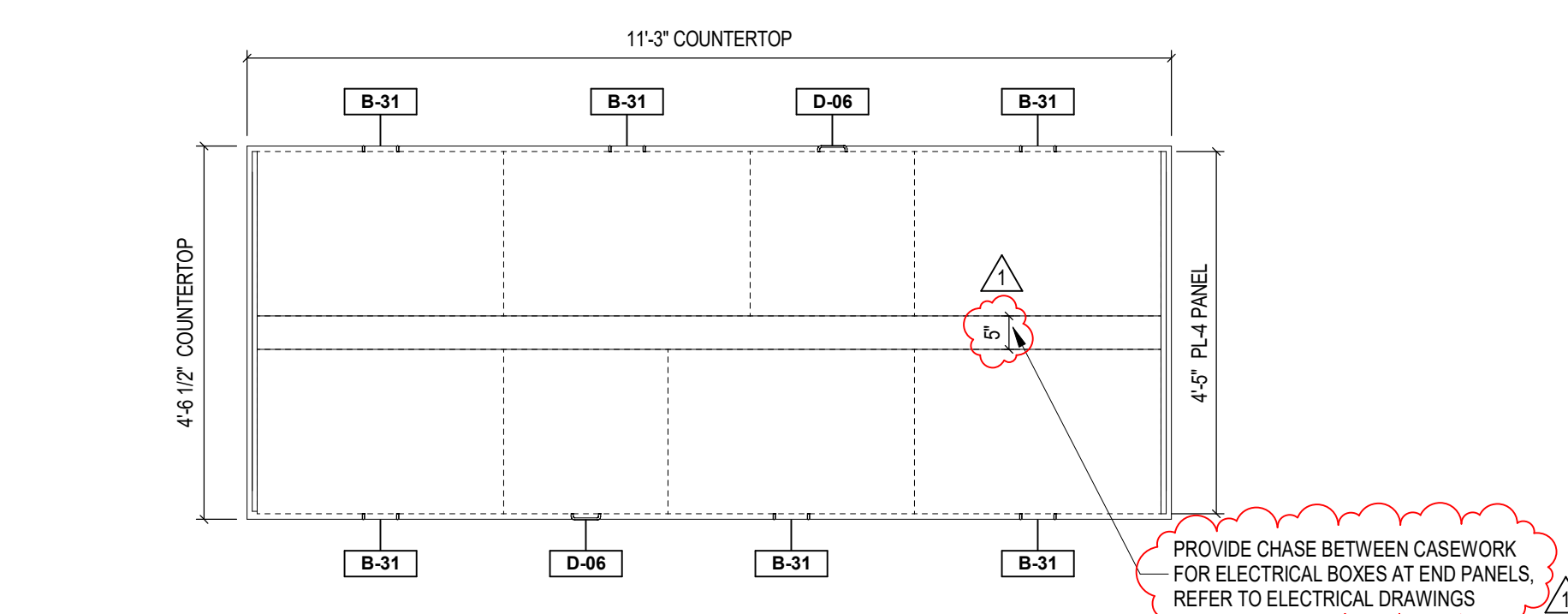
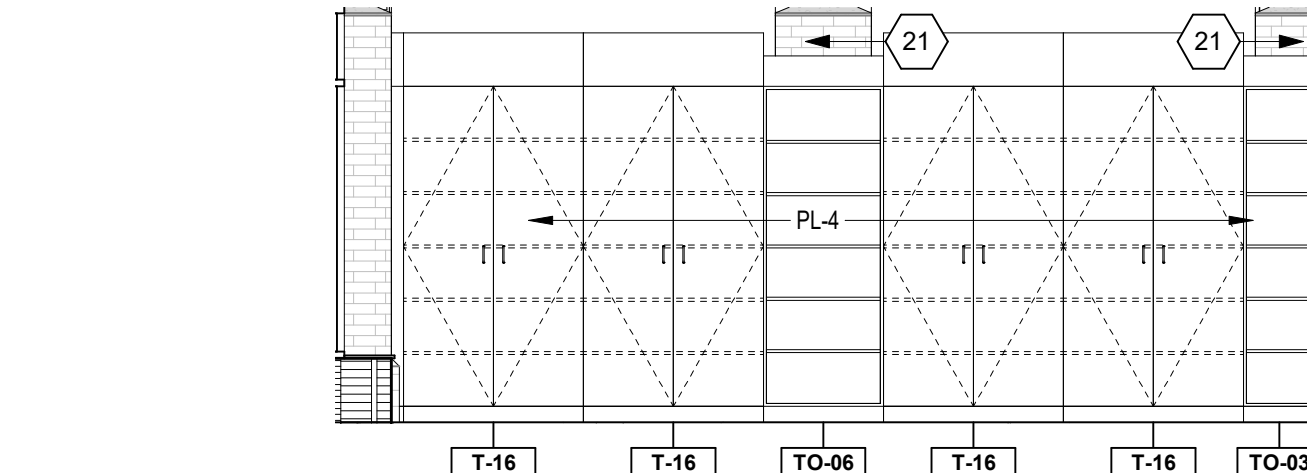
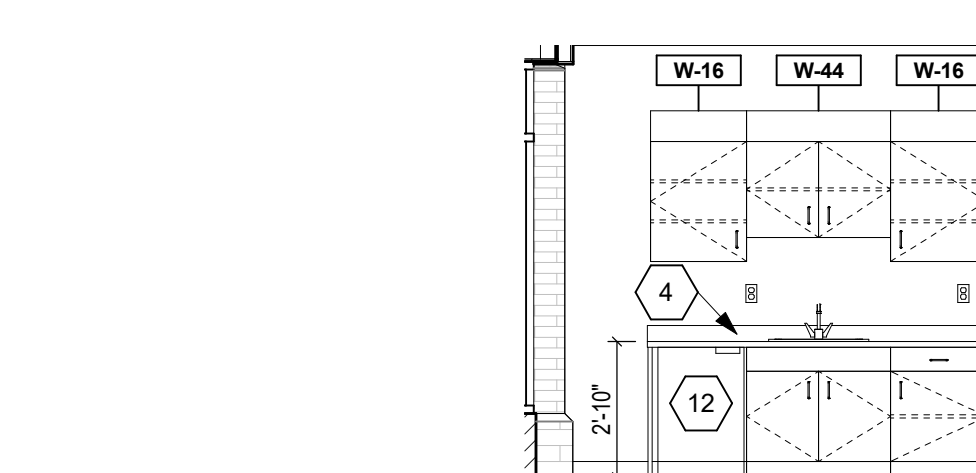
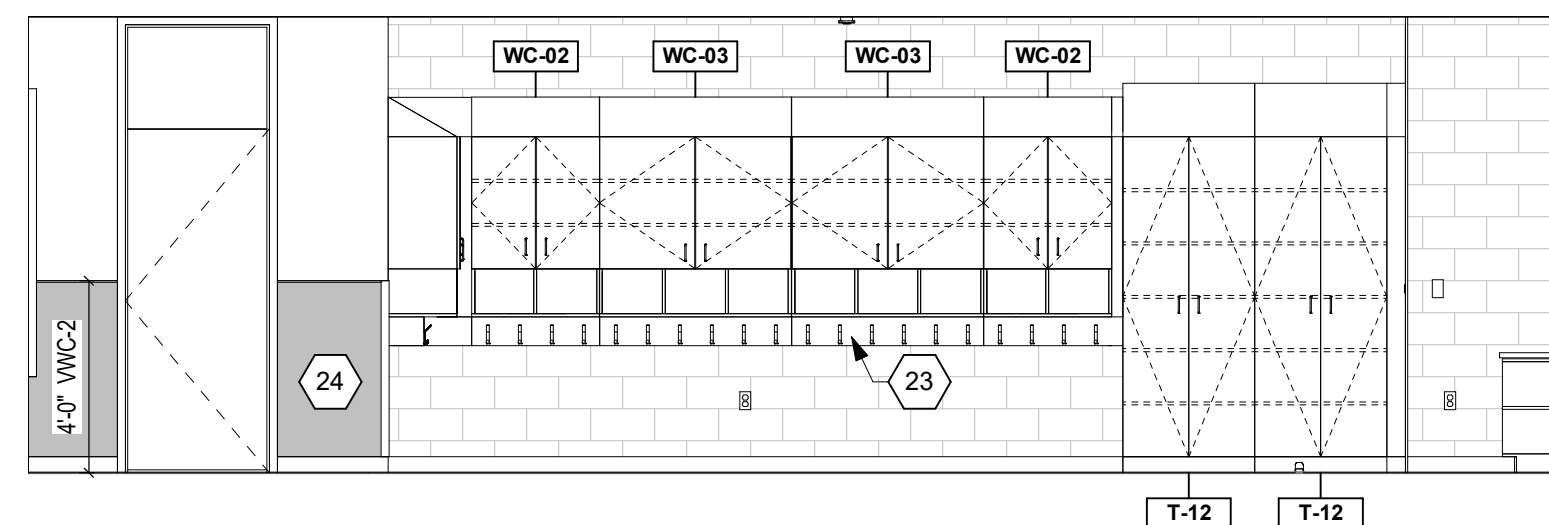
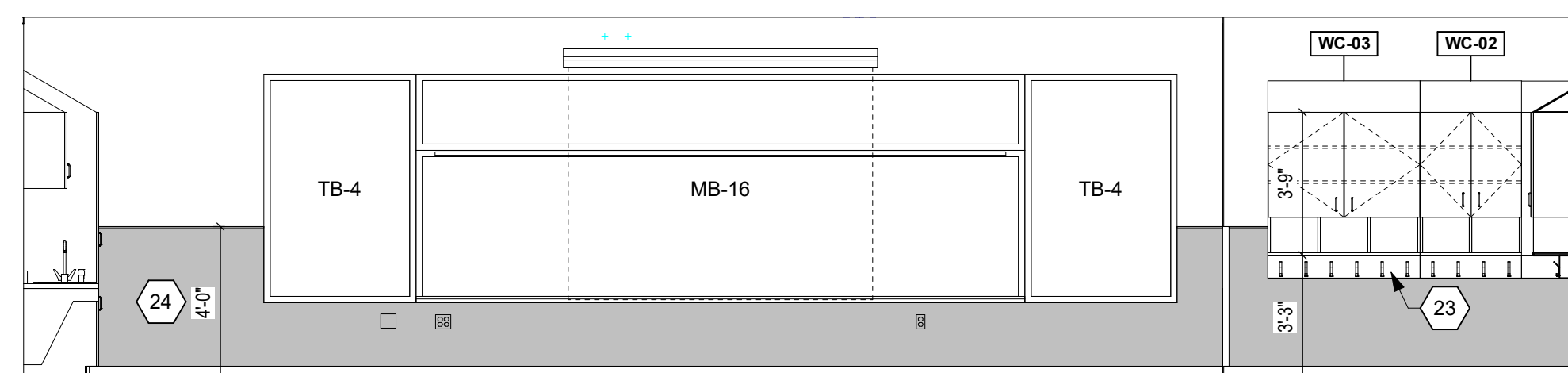
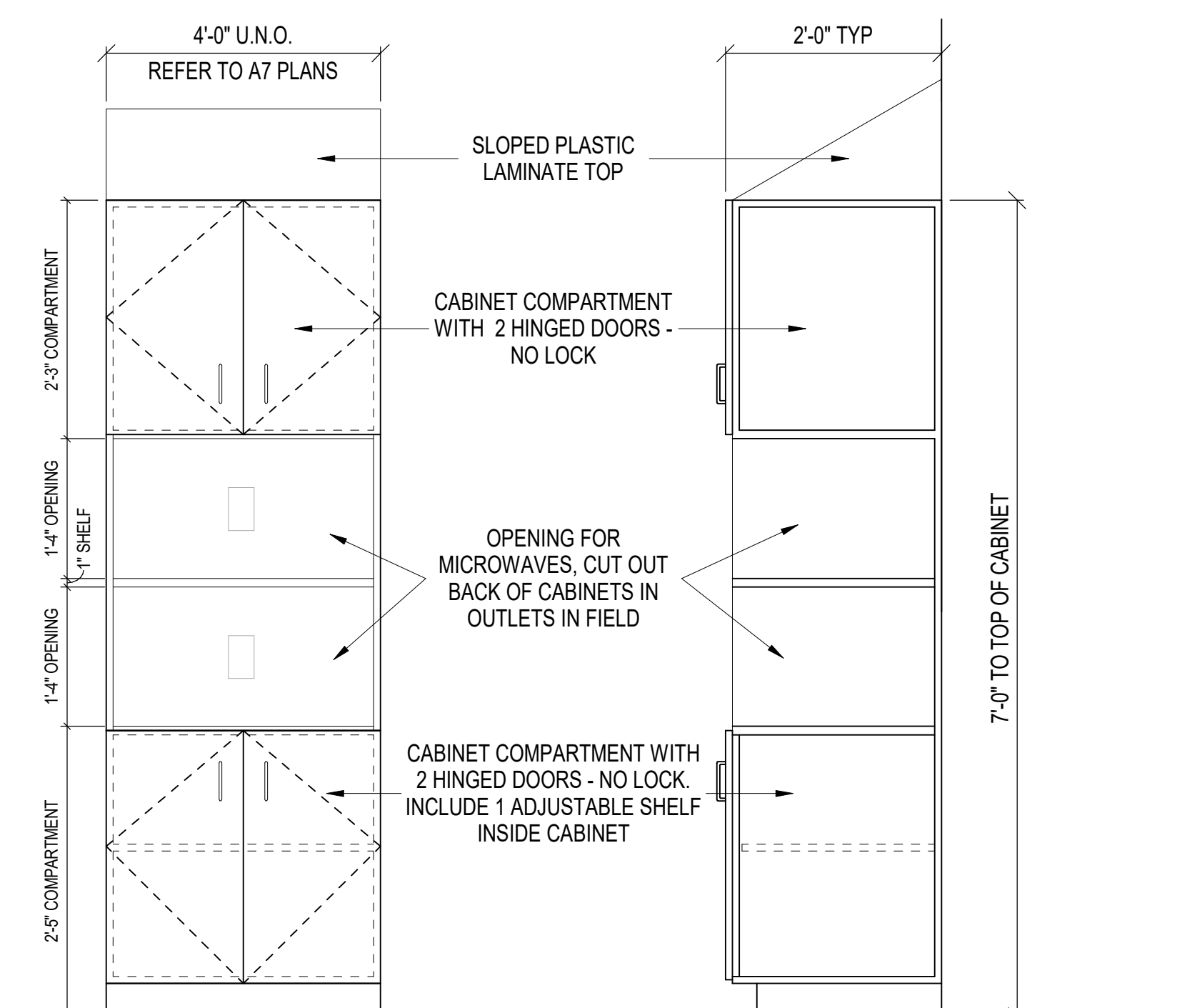
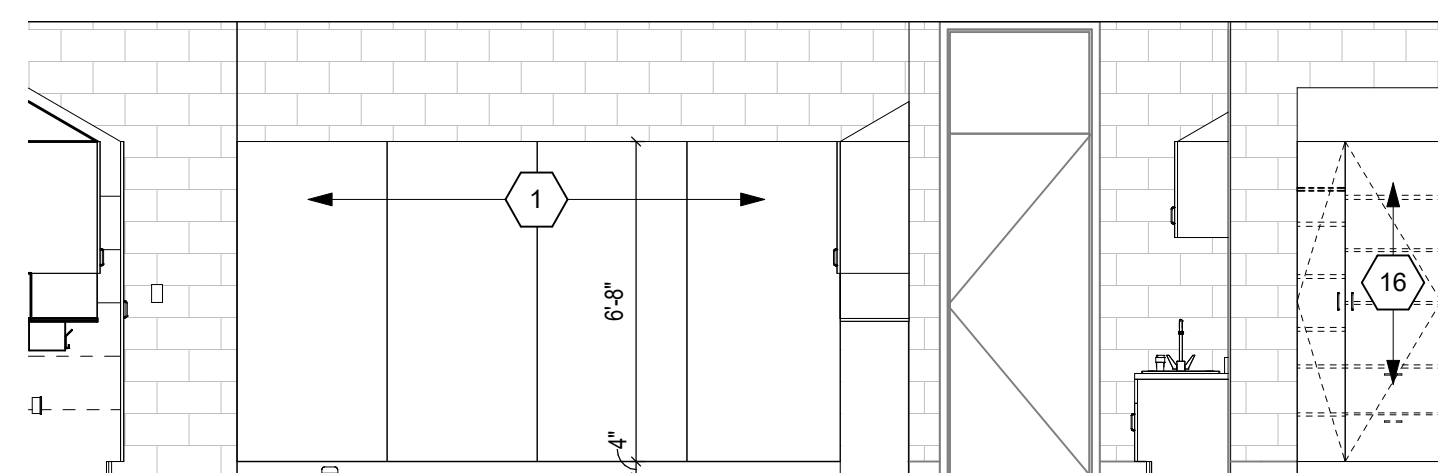
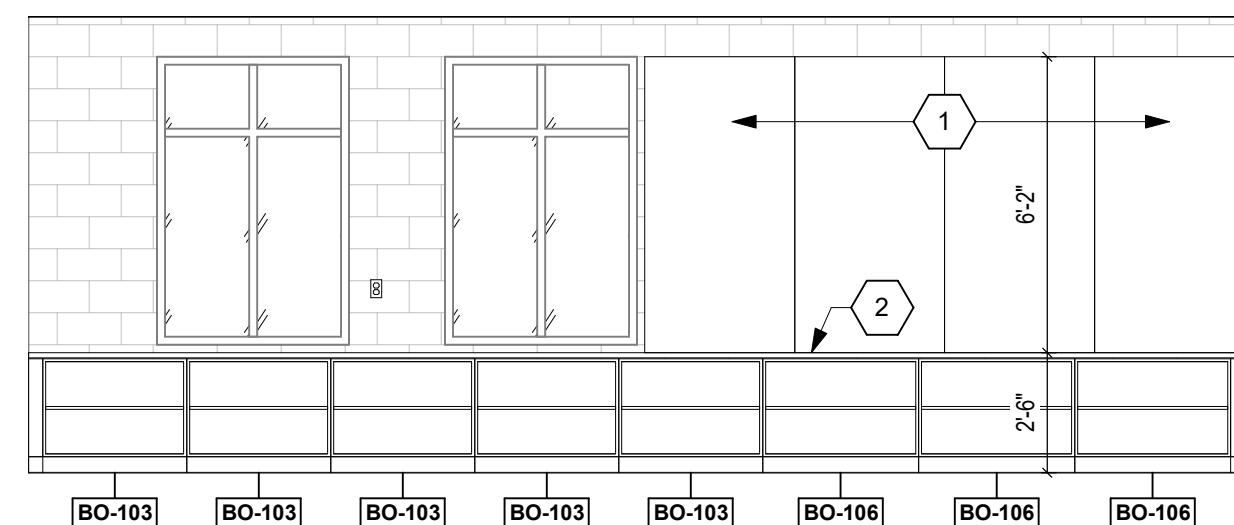
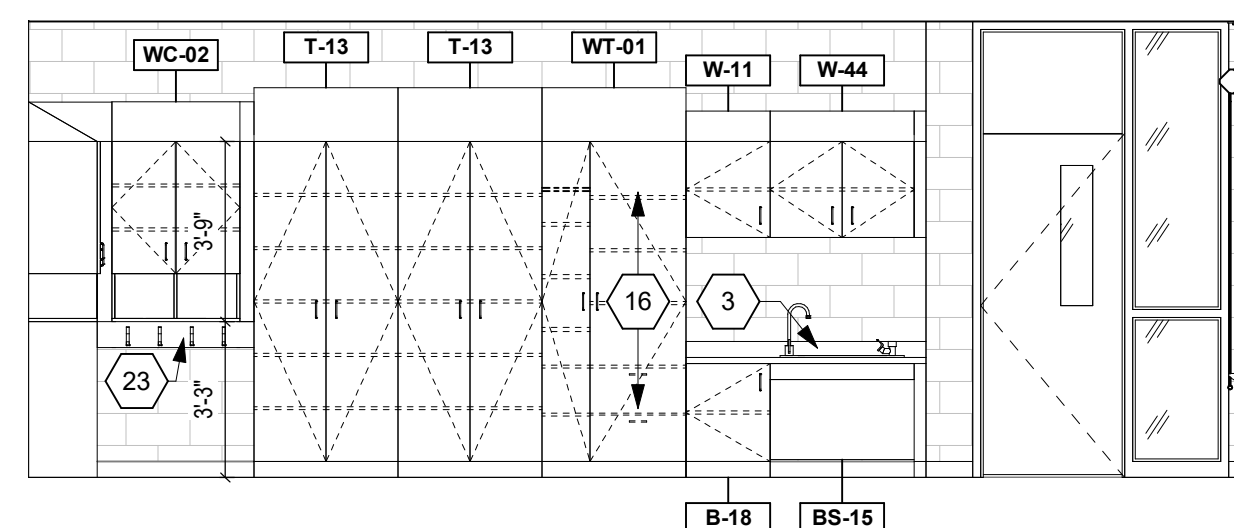


PROJECT MANAGER: SAM
DRAWN BY: AML
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

UNIT D - FIRST FLOOR EQUIPMENT PLAN

A7.04



- ## INTERIOR ELEVATION NOTES
- X
- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- | | |
|----|---|
| 1 | TACKABLE WALL SURFACE (TWS-V). REFER TO A7 PLANS FOR LENGTH |
| 2 | PLASTIC LAMINATE (PL-1) CASEWORK WITH PLASTIC LAMINATE (PL-2) TOPS |
| 3 | PLASTIC LAMINATE (PL-1) CASEWORK WITH PLASTIC LAMINATE (SSM-1) TOP |
| 4 | PLASTIC LAMINATE (PL-4) CASEWORK WITH SOLID SURFACE (SSM-3) TOP |
| 5 | REFRIGERATOR. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 6 | MICROWAVE. REFER TO A7 PLANS FOR ADDITIONAL DETAILS. |
| 7 | COOPER. BY OWNER |
| 8 | UNDERCOUNTER ICE MACHINE. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 9 | FACE WALL WITH PLASTIC LAMINATE (PL-4) BELOW COUNTER |
| 10 | TACKABLE WALL SURFACE. REFER TO A7 PLANS FOR COLOR AND FINISH |
| 11 | UNDER COUNTER REFRIGERATOR. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 12 | UNDER COUNTER ADA REFRIGERATOR. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 13 | 1"O.D PL-34 WALL SHELF WITH FLOATING SHLF BRACKETS AT 24" O.C. BRACKET B.O.D. IS RICHIEUEU 6240/1230 |
| 14 | PLASTIC LAMINATE (PL-3) CASEWORK WITH SOLID SURFACE (SSM-3) TOP |
| 15 | PAINTED ACCESSION CAGE. REFER TO AB PLANS FOR COLOR AND DESIGNATION |
| 16 | INCLUDE LOOKS ON INDICATED CASEWORK |
| 17 | OPEN KNEESPACE BELOW COUNTERTOP. REFER TO DETAIL ON A7.07 |
| 18 | SSM-3 WALL PANEL |
| 19 | RO-20 ASYM. 2" TO BE HOUSED IN BASE CABBIN. REFER TO APPLIANCE SCHEDULE ON A7.01 |
| 20 | FILLER/PANEL. NOTCH AROUND BRACK BASE AS REQUIRED |
| 21 | PANEL HANGING BRACK IN INDICATED LOCATION ONLY |
| 22 | FILLER AS REQUIRED FOR DOOR OPERATION. V.I.F. |
| 23 | PLASTIC LAMINATE ASSEMBLY (PL-1) WITH HOOKS AS SHOWN. REFER TO DETAIL ON A7.07 |
| 24 | HATCH INDICATES EXTENTS OF VW-2 WAINSCOT. INCLUDE 1/8" R AT TERMINATION. REFER TO A7 PLANS FOR CORNER GRADS |
| 25 | HATCH INDICATES EXTENTS OF VW-2 WAINSCOT. INCLUDE OPEN TERMINATION |
| 26 | ELECTRIC RANGE. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 27 | RECYCLING/HOOD LOG. REFER TO A7 PLANS FOR ADDITIONAL DETAILS |
| 28 | 3" RADIIUS ON COUNTERTOP OUTSIDE CORNER |

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

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CARMEL CLAY SCHOOLS

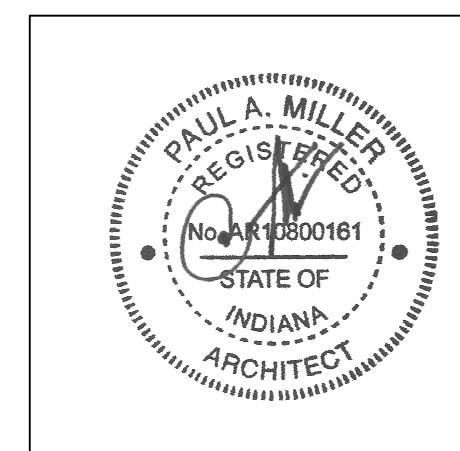


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PROJECT MANAGER: SAM
DRAWN BY: AML
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

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CASEWORK & EQUIPMENT ELEVATIONS

A7.10

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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RESIDENTIAL EQUIPMENT SCHEDULE				
ITEM NO.	ITEM DESCRIPTION	ELEC. FIELD CONNECTION	MECH. FIELD CONNECTION	
(A-1)	REFRIGERATOR WITH TOP FREEZER • 18.3 CU.FT. • REVERSIBLE HINGES • DOES NOT INCLUDE ICE MAKER • ADA-COMPLIANT AND ENERGY STAR CERTIFIED • BASIS OF DESIGN IS FRIGIDAIRE FFHT1835VS • 66.375"H x 30"W x 35.375"D • COLOR: STAINLESS STEEL	15AMPS		
(A-2)	REFRIGERATOR WITH BOTTOM FREEZER • 28.8 CU.FT. • DOUBLE DOOR FRIDGE • INCLUDES ICE MAKER • ENERGY STAR CERTIFIED • BASIS OF DESIGN IS FRIGIDAIRE FRFN2823AS • 70"H x 36"W x 35.75"D • COLOR: STAINLESS STEEL	15AMPS	X	
(A-3)	MICROWAVE • 2.0 CU.FT. • EXTRA-LARGE TURNTABLE • ELECTRONIC DIGITAL DISPLAY WITH CLOCK • ENERGY STAR QUALIFIED • BASIS OF DESIGN IS GE-JES2051SNS • 24.125"W x 13.625"H x 19.25"D • COLOR: STAINLESS STEEL	1200W		
(A-4)	UNDER-COUNTER REFRIGERATOR - STANDARD HEIGHT • 5.6 CU.FT. • SMALL FREEZER AREA • REVERSIBLE HINGES • ENERGY STAR QUALIFIED • BASIS OF DESIGN IS GCE06GSHSB • 34.125"H x 23.875"W x 23.75"D • COLOR: STAINLESS STEEL			
(A-5)	UNDER-COUNTER REFRIGERATOR - ADA HEIGHT • 3.67 CU.FT. • REVERSIBLE HINGES • INCLUDES VISIBLE TEMPERATURE GAUGE • ENERGY STAR QUALIFIED • BASIS OF DESIGN IS HOSHIZAKI HR24C • 31.5"H x 23.375"W x 25.5"D (INCLUDING HANDLE) • COLOR: STAINLESS STEEL	115V/60/1		
(A-6)	UNDER-COUNTER ICE MAKER - ADA HEIGHT • 55.8 MAX ICE PRODUCTION PER 24 HOURS • INCLUDES 22.8 STORAGE CAPACITY • AIR-COOLED ADA-COMPLIANT ICE MAKER • INCLUDE DOOR REVERSAL PART • BASIS OF DESIGN IS HOSHIZAKI AM-50BAJ-AD • 31.5"H x 14.875"W x 22.625"D • COLOR: STAINLESS STEEL	115V/60/1	X	
(A-7)	REVERSE OSMOSIS SYSTEM FOR ICE MAKER • INTEGRATED NON-ELECTRIC PUMP • FILTERS WATER TO AID IN ICE MAKER OPERATION • QUICK CHANGE CARTRIDGE SYSTEM • BASIS OF DESIGN IS 3M WATER FILTRATION PRODUCT SGLF-RO • OVERALL SIZE: 15.375"H x 8.375"W x 12.25"D • COLOR: STAINLESS STEEL			X
(A-8)	SLIDE-IN ELECTRIC RANGE • 5.3 CU.FT SELF-CLEANING SLIDE IN ELECTRIC RANGE • FOUR GLASS TOP ELECTRIC BURNERS • ADA-COMPLIANT KNOBS AT FRONT OF COOKTOP • BOTTOM STORAGE DRAWER • BASIS OF DESIGN IS GE-J64SSLS • 36"H x 28.875"W x 26.625"D • COLOR: STAINLESS STEEL	208V OR 240V 40AMPS		
(A-9)	RECIRCULATING HOOD • UNDER-CABINET, RECIRCULATING DUCTLESS HOOD • ADA-COMPLIANT CONTROLS • MODEL BROWN BXT130SS • OVERALL SIZE: 67"H x 29.875"W x 18"D • COLOR: STAINLESS STEEL	120V/60Hz		

CASEWORK SCHEDULE					
TYPE	NO.	SIZE			DESCRIPTION
		W	D	H	
B	10	1'-6"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	15	2'-9"	2'-6"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	18	1'-9"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	23	2'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	26	2'-0"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	27	2'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND ONE HINGED DOOR.
B	31	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	34	1'-9"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	38	2'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	40	1'-6"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	41	1'-6"	2'-0"	3'-0"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	46	1'-9"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	47	1'-9"	2'-0"	3'-0"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	52	2'-0"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	55	2'-6"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS AND TWO HINGED DOORS. DO NOT INCLUDE SHELVES.
B	63	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	67	2'-6"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	74	2'-6"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	75	2'-9"	2'-0"	2'-10"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	77	2'-6"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	80	3'-0"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS. INCLUDE CUTOFF FOR TECHELEC. COORDINATE IN FIELD
B	82	3'-0"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
BO	101	3'-3"	1'-1"	2'-6"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	102	3'-0"	1'-11"	2'-6"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	103	3'-0"	1'-5"	2'-6"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	104	2'-9"	1'-5"	2'-6"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	105	3'-6"	2'-5"	2'-6"	OPEN BASE UNIT WITH ONE VERTICAL DIVIDER AND TWO ADJUSTABLE SHELVES.
BO	106	3'-0"	1'-9"	2'-6"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BS	10	3'-0"	2'-0"	2'-6"	SINK BASE UNIT WITH TWO HINGED DOORS.
BS	11	3'-6"	2'-0"	2'-2"	SINK BASE UNIT WITH TWO HINGED DOORS AND ONE BLANK DRAWER PANEL.
BS	12	3'-0"	2'-0"	2'-10"	SINK BASE UNIT WITH TWO HINGED DOORS AND ONE BLANK DRAWER PANEL.
BS	13	3'-0"	2'-0"	2'-10"	SINK BASE UNIT WITH TWO HINGED DOORS AND ONE BLANK DRAWER PANEL.
BS	14	3'-0"	2'-0"	2'-6"	SINK BASE UNIT WITH TWO HINGED DOORS AND ONE BLANK DRAWER PANEL.
BS	15	3'-0"	2'-0"	2'-0"	CHILD ADA SINK BASE UNIT WITH A REMOVABLE ACCESS PANEL.
BS	16	3'-0"	2'-0"	2'-0"	ADULT ADA SINK BASE UNIT WITH A REMOVABLE ACCESS PANEL.
D	01	2'-6"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	02	1'-6"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	03	1'-9"	2'-0"	2'-6"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	04	3'-0"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	05	1'-6"	2'-0"	3'-0"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	06	2'-6"	2'-0"	2'-10"	DRAWER UNIT WITH FOUR EQUAL DRAWERS. 4-1/2 INCHES DEEP INSIDE.
D	07	2'-6"	2'-0"	2'-10"	DRAWER UNIT WITH FOUR EQUAL DRAWERS. 4-1/2 INCHES DEEP INSIDE.
EP	1	3'-4"	1'-5"	2'-6"	3/4" THICK END PANEL TO COVER DISTANCE FROM FLOOR TO BOTTOM OF CUBBY CABINET.
EP	2	3'-4"	2'-0"	7'-0"	3/4" THICK END PANEL TO COVER SIDES OF REFRIGERATOR.
EP	3	3'-4"	2'-0"	2'-10"	3/4" THICK END PANEL TO COVER DISTANCE FROM FLOOR TO BOTTOM OF COUNTERTOP.
EP	4	3'-4"	2'-0"	3'-0"	3/4" THICK END PANEL TO COVER DISTANCE FROM FLOOR TO BOTTOM OF COUNTERTOP.
FX	01	2'-0"	1'-0 3/4"	2'-6"	HALLBOX UNIT WITH 33 OPENINGS. REFER TO DETAIL ON A7.06.
T	10	1'-6"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND ONE HINGED DOOR. INCLUDE SLOPED TOP.
T	11	2'-6"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
T	12	2'-9"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES, TWO HINGED DOORS AND SLOPED TOP.
T	13	3'-0"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES, TWO HINGED DOORS AND SLOPED TOP.
T	14	3'-0"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
T	15	3'-0"	2'-6"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
T	16	3'-0"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
T	17	2'-6"	2'-0"	7'-0"	TALL SPLIT DOOR STORAGE WITH ONE FIXED SHELF. AT THE UPPER CABINET, PROVIDE THREE ADJUSTABLE SHELVES AND TWO HINGED DOORS. AT THE LOWER CABINET, PROVIDE ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
T	18	3'-3"	2'-6"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
T	19	3'-3"	1'-9"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
TO	01	2'-9"	1'-5"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	02	3'-0"	1'-9"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	03	1'-6"	1'-2"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	04	1'-9"	1'-5"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	05	3'-6"	1'-5"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	06	2'-6"	1'-2"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	07	2'-6"	1'-0"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TS	1	3'-0"	2'-6"	7'-0"	TALL SOUND RACK CABINET WITH ONE FIXED SHELF. AT THE UPPER CABINET, PROVIDE THREE ADJUSTABLE SHELVES AND TWO HINGED DOORS. AT THE LOWER CABINET, PROVIDE TWO HINGED DOORS. OPEN TOE KICK. REFER TO DETAIL ON A7.06.
TT	10	3'-6"	2'-6"	7'-0"	TOTE TRAY UNIT WITH TWO VERTICAL DIVIDERS TWO HINGED DOORS. FLAT TOP.
TT	12	3'-6"	2'-0"	7'-0"	TOTE TRAY UNIT WITH TWO VERTICAL DIVIDERS TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	11	1'-6"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR. INCLUDE SLOPED TOP.
W	13	1'-3"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELVES, ONE HINGED DOOR AND SLOPED TOP.
W	14	1'-6"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF, ONE HINGED DOOR, AND SLOPED TOP.
W	16	2'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF, ONE HINGED DOOR, AND SLOPED TOP.
W	43	3'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF, TWO HINGED DOORS AND SLOPED TOP.
W	44	3'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF, TWO HINGED DOORS AND SLOPED TOP.
W	46	3'-6"	1'-2"	2'-6"	WALL UNIT WITH ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	47	3'-0"	2'-0"	1'-0"	WALL UNIT WITH TWO HINGED DOORS AND SLOPED TOP.
W	50	2'-6"	1'-2"	2'-6"	WALL UNIT WITH TWO ADJUSTABLE SHELVES, TWO HINGED DOORS, AND SLOPED TOP.
W	52	2'-6"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF, TWO HINGED DOORS, AND SLOPED TOP.
W	56	4'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	60	2'-6"	1'-2"	2'-0"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	70	2'-6"	1'-2"	1'-9"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	88	2'-9"	1'-2"	2'-6"	WALL UNIT WITH TWO ADJUSTABLE SHELVES, TWO HINGED DOORS, AND SLOPED TOP.
WC	01	4'-6"	1'-6"	3'-0"	WALL UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS ON UPPER COMPARTMENT; 3 OPEN CUBBIES BELOW; INCLUDE SLOPED TOP AND HOOK ASSEMBLY. REFER TO DETAIL ON A7.07.
WC	02	2'-6"	1'-3"	2'-9"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS ON UPPER COMPARTMENT; 2 OPEN CUBBIES BELOW. INCLUDE SLOPED TOP AND HOOK ASSEMBLY. REFER TO DETAIL ON A7.07.
WC	03	4'-0"	1'-3"	2'-9"	WALL UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS ON UPPER COMPARTMENT; 3 OPEN CUBBIES BELOW; INCLUDE SLOPED TOP AND HOOK ASSEMBLY. REFER TO DETAIL ON A7.07.
WDT	6	1'-6"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND ONE HINGED DOOR. INCLUDE REMOVABLE COAT ROD AND MIRROR MOUNTED TO BACKSIDE OF DOOR.
WM	10	2'-6"	1'-2"	1'-4"	MICROWAVE CABINET WITH 2 UPPER DOORS AND 22"D OPEN SHELF BELOW. INCLUDE SLOPED TOP AND CUTOFF FOR OUTLET.
WM	11	2'-9"	1'-2"	1'-4"	MICROWAVE CABINET WITH 2 UPPER DOORS AND 22"D OPEN SHELF BELOW. INCLUDE SLOPED TOP AND CUTOFF FOR OUTLET.
WO	20	3'-0"	1'-2"	1'-6"	OPEN WALL UNIT WITH SLOPED TOP.
WO	44	3'-0"	1'-2"	2'-6"	OPEN WALL UNIT WITH ONE ADJUSTABLE SHELF. INCLUDE SLOPED TOP.
WT	01	3'-0"	2'-0"	7'-0"	TALL TEACHER WARDROBE/TECHNOLOGY CABINET WITH ONE FIXED VERTICAL PANEL. INCLUDE 5 ADJUSTABLE SHELVES. REMOVABLE COAT ROD, MIRROR, AND FILING DRAWERS. INCLUDE SLOPED TOP PANEL. REFER TO DETAIL ON A7.06. INCLUDE LOOK ON THIS CABINET.
WT	02	3'-6"	2'-0"	7'-0"	TALL TEACHER WARDROBE/TECHNOLOGY CABINET WITH ONE FIXED VERTICAL PANEL. INCLUDE 5 ADJUSTABLE SHELVES. REMOVABLE COAT ROD, MIRROR, AND FILING DRAWERS. INCLUDE SLOPED TOP PANEL. REFER TO DETAIL ON A7.06. INCLUDE LOOK ON THIS CABINET.
WT	03	3'-0"	1'-9"	7'-0"	TALL TEACHER WARDROBE/TECHNOLOGY CABINET WITH ONE FIXED VERTICAL PANEL. INCLUDE 5 ADJUSTABLE SHELVES. REMOVABLE COAT ROD, MIRROR, AND FILING DRAWERS. INCLUDE SLOPED TOP PANEL. REFER TO DETAIL ON A7.06. INCLUDE LOOK ON THIS CABINET.

DISCOVERY CENTER CASEWORK SCHEDULE					
TYPE	NO.	SIZE			DESCRIPTION
		W	D	H	
MBC	1	3'-0"	2'-0"	3'-6"	DOUBLE-SIDED MOBILE BOOKCASE WITH FIXED CENTER DIVIDER AND 1 SHELF ON EACH SIDE.
MC	2	2'-8 1/2"	1'-0"	3'-6"	SINGLE-SIDED BOOKCASE WITH 2 ADJUSTABLE SHELVES.
MC	3	3'-0"	1'-0"	3'-6"	SINGLE-SIDED BOOKCASE WITH 3 ADJUSTABLE SHELVES.
MC	4	2'-10"	1'-0"	3'-0"	SINGLE-SIDED BOOKCASE WITH 3 ADJUSTABLE SHELVES.
MC	5	3'-3"	1'-0"	3'-0"	SINGLE-SIDED BOOKCASE WITH 3 ADJUSTABLE SHELVES.
MC	6	3'-0"	1'-0"	7'-0"	SINGLE-SIDED BOOKCASE WITH 5 ADJUSTABLE SHELVES.
MC	7	3'-0"	2'-0"	7'-0"	SINGLE-SIDED BOOKCASE WITH 5 ADJUSTABLE SHELVES.
MC	8	3'-6"	1'-0"	7'-0"	SINGLE-SIDED BOOKCASE WITH 5 ADJUSTABLE SHELVES.

LIST OF FINISHES			REFER TO A7 ARCH. DWG. SHEETS
EQUIPMENT MATERIALS			
CORNER GUARDS			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
CG	CS ACROVYN / SSM-204N	MISSION WHITE #633 / 2" LEGS X 48"H	
• REFER TO MISCELLANEOUS FINISHES FOR J-TRIM INFORMATION			
CUBICLE CURTAIN			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
CC-1	MAYER FABRICS / SEAQUAL / SERENE	TO BE SELECTED	
DISCOVERY CENTER NOOK UPHOLSTERY			
NOOK SEAT PADDING TO BE UPHOLSTERED IN DESIGNTEX SILICONE ELEMENT IN TIDAL 3919-408			
HP PLASTIC LAMINATE			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
PL-1 (CR CASEWORK) PL-2 (CR BOOKCASE TOPS) PL-3 (DC-STEAM) PL-4 (ADMIN CASEWORK) PL-5 (RECEPTION)	FORMICA FORMICA ARBORITE FORMICA LAMINART	MUSLIN FABRIC 06127-58 NEUTRAL WHITE WITH SCULPTED FINISH 918-9P NUNO CLAY P388-CA OILED LEGNO 8846-58 TRUFFLE CAMBRIC WITH CRISS-CROSS FINISH 5323-L	
KICKPLATES			
STAINLESS STEEL			
MARKERBOARD			
WHITE			
PLASTIC TOILET PARTITIONS/COMPARTMENTS			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
	REFER TO SPECIFICATIONS	STANDARD COLOR TO BE SELECTED	
SHOWER CURTAINS			
WHITE			
SOLID SURFACE MATERIAL			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
SSM-1 (CR COUNTERTOPS) SSM-2 (BRICK KNEE WALL CAPS) SSM-3 (ADMIN COUNTERTOPS)	STARON TEMPEST CORIAN / MEGANITE / LX HAUSVYS STARON TEMPEST	HORIZON FH114 GROUP 3 TO BE SELECTED BAMBOO FB173	
STAGE CURTAIN			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
SC-1 SC-2	REFER TO SPECIFICATIONS REFER TO SPECIFICATIONS	TO BE SELECTED BLACK	
TACKABLE WALL SURFACE			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
TWS-1 (FIELD) TWS-2 (POD-1ST) TWS-3 (POD-2ND) TWS-4 (POD-3RD) TWS-5 (POD-4TH) TWS-6 (POD-5TH) TWS-7 (DISC CTR)	MOMENTUM / SYMPHONY / PULSE CARNEGIE XOREL / METEOR CARNEGIE XOREL / METEOR CARNEGIE XOREL / METEOR CARNEGIE XOREL / METEOR CARNEGIE XOREL / METEOR CARNEGIE XOREL / SAHARA MATTE	SILENT SILVER AZ52950 6427-2004 6427-2024 6427-2043 6427-2035 6427-2009 6086-632	
TACKBOARDS			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
TB	REFER TO SPECIFICATIONS	MANUFACTURER'S STANDARD, TO BE SELECTED	
MISCELLANEOUS FINISHES			
J-TRIM AT VWC-2 WAINSCOT CAP TO BE CS ACROVYN WCT5WTT, SAME COLOR/MANUFACTURER AS CORNER GUARDS			
ROLLER WINDOW SHADES			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
RWS-1 RWS-2 RWS-3	REFER TO SPECIFICATIONS REFER TO SPECIFICATIONS REFER TO SPECIFICATIONS	MFR STANDARD COLOR / 5% OPEN MFR STANDARD COLOR / OPAQUE MFR STANDARD COLOR / OPAQUE	

- A. COLOR SELECTION OF ALL FINISHES FOR INTERIOR PLASTIC LAMINATE FACED ARCHITECTURAL CABINETS/ CUSTOM CASEWORK ITEMS ARE NOTED ON CASEWORK ELEVATIONS AND DETAIL DRAWINGS.
- B. EDUCATIONAL CASEWORK FINISHES ARE AS FOLLOWS (UNLESS OTHERWISE NOTED):
- HIGH PRESSURE PLASTIC LAMINATE COUNTERTOPS AND WORKSURFACES ARE TO BE PL-2, UNLESS OTHERWISE NOTED.
 - 3MM AND 1MM PVC EDGES ON COUNTERTOPS AND WORKSURFACES ARE TO MATCH PL-2.
 - 1. PLASTIC LAMINATE SURFACES AT BOOKCASES, TYPICAL
 - HIGH PRESSURE PLASTIC LAMINATE CABINETS/VERTICAL SURFACES ARE TO BE PL-1 UNLESS OTHERWISE NOTED. INTERIOR MELAMINE TO BE WHITE.
 - 3MM AND 1MM PVC EDGES ON CASEWORK ARE TO MATCH SPECIFIED LAMINATE.
 - 1. PL-3 EDGEBANDING TO BE WILSONART PEPPERDUST D327-80.
 - HANDLES TO BE SILVER METALLIC POWDERCOAT.
 - HINGES TO BE SILVER METALLIC POWDERCOAT.
 - GROMMETS TO BE SELECTED.
 - SOLID SURFACE COUNTERTOPS AND WORKSURFACES ARE TO BE SSM-1, UNLESS OTHERWISE NOTED.
 - 1. SOLID SURFACE COUNTERTOPS LOCATED AT SINK LOCATIONS, TYPICAL
 - C. DISCOVERY CENTER CASEWORK TO BE PLASTIC LAMINATE WITH PLASTIC LAMINATE SHELVES, TYPICAL.

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN 46033

CARMEL CLAY SCHOOLS



ARCHITECT



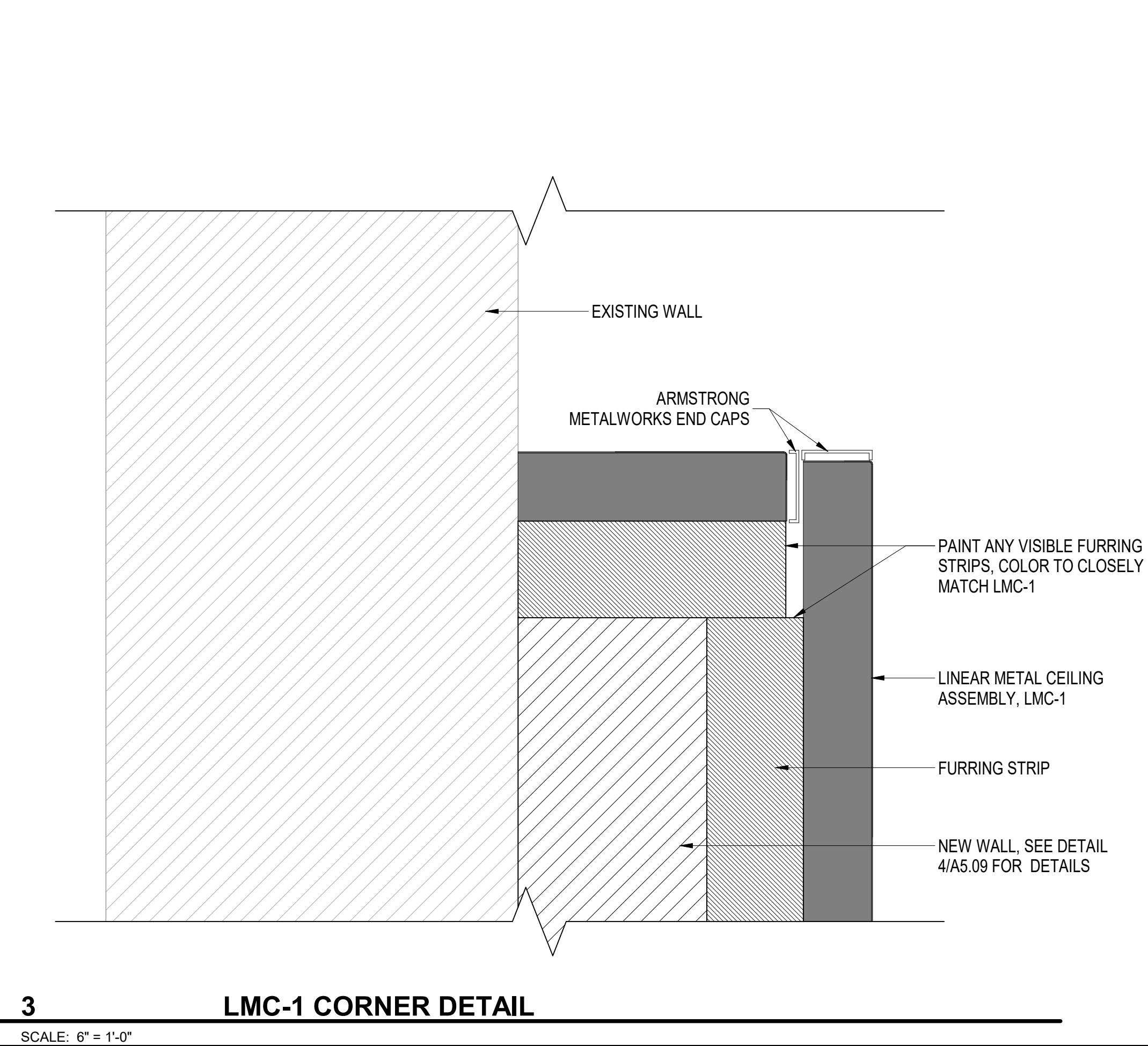
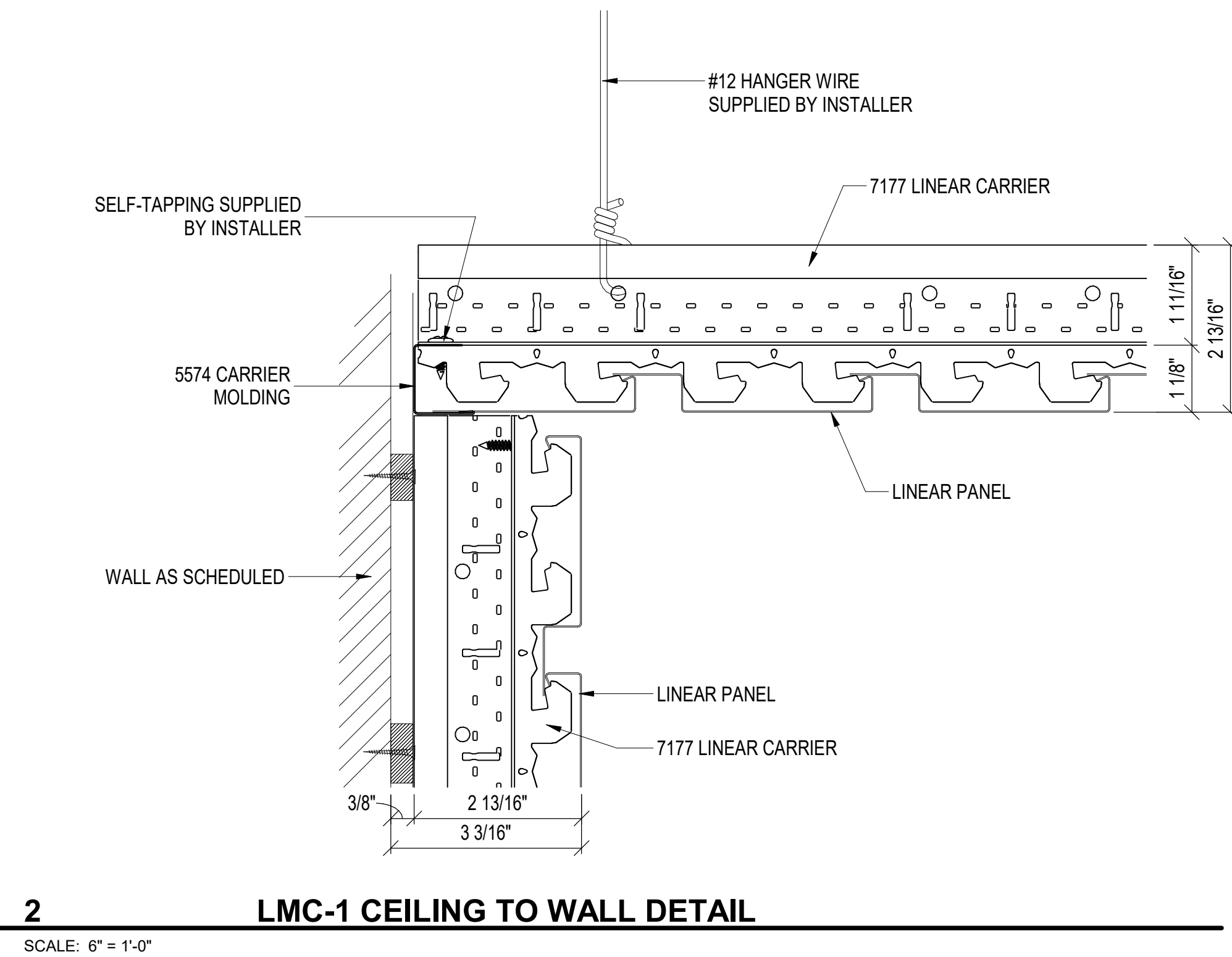
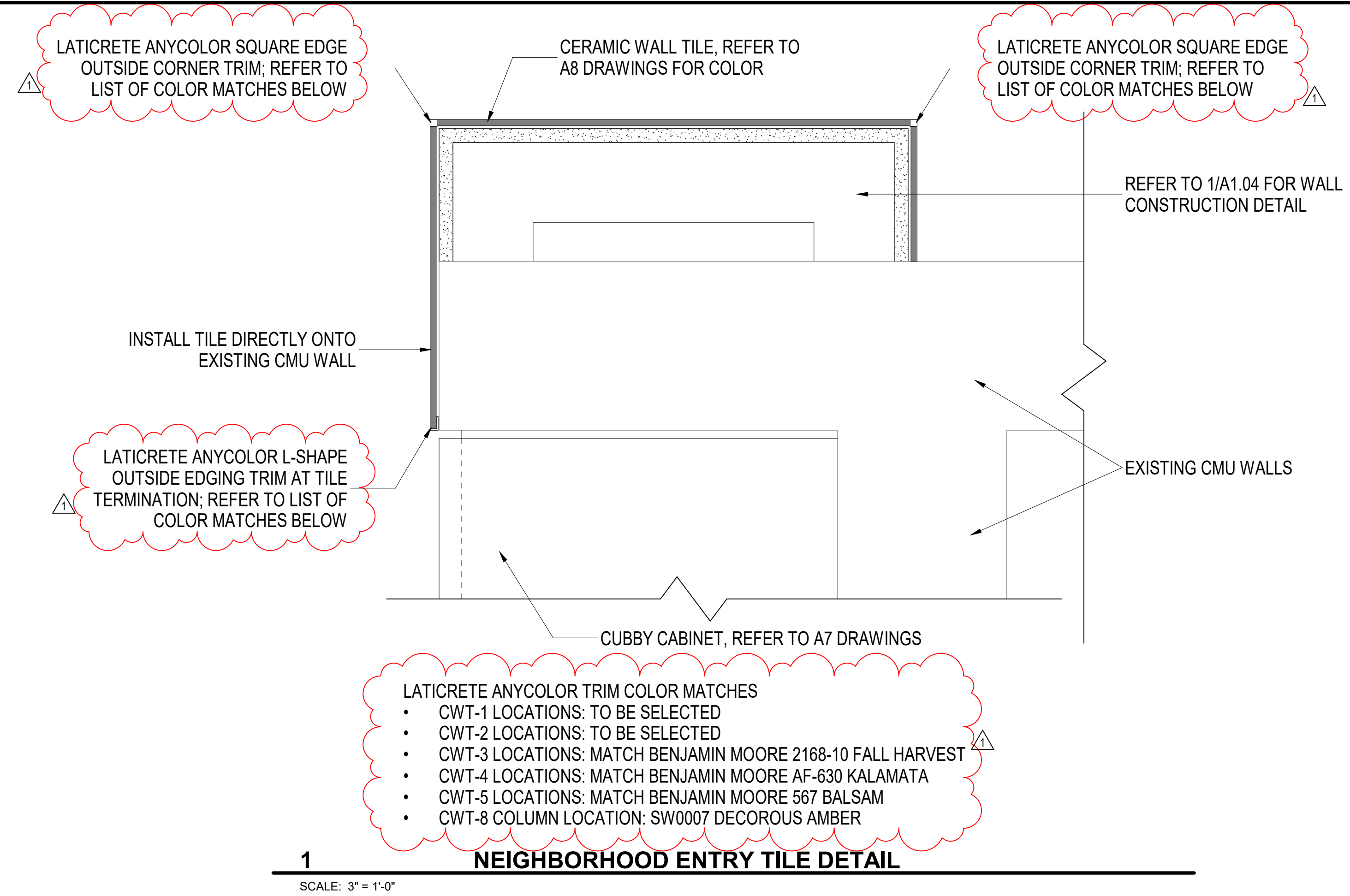
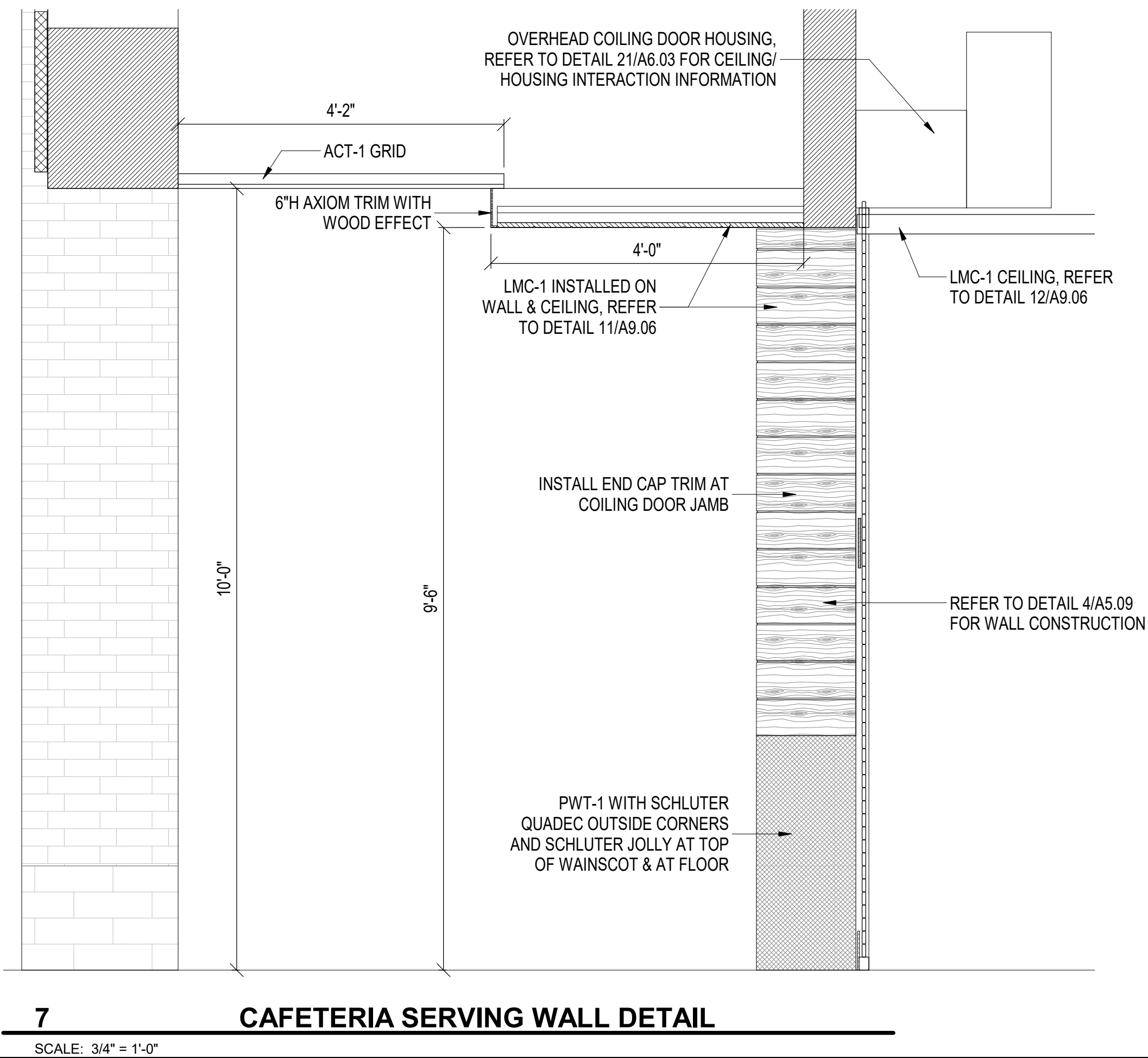
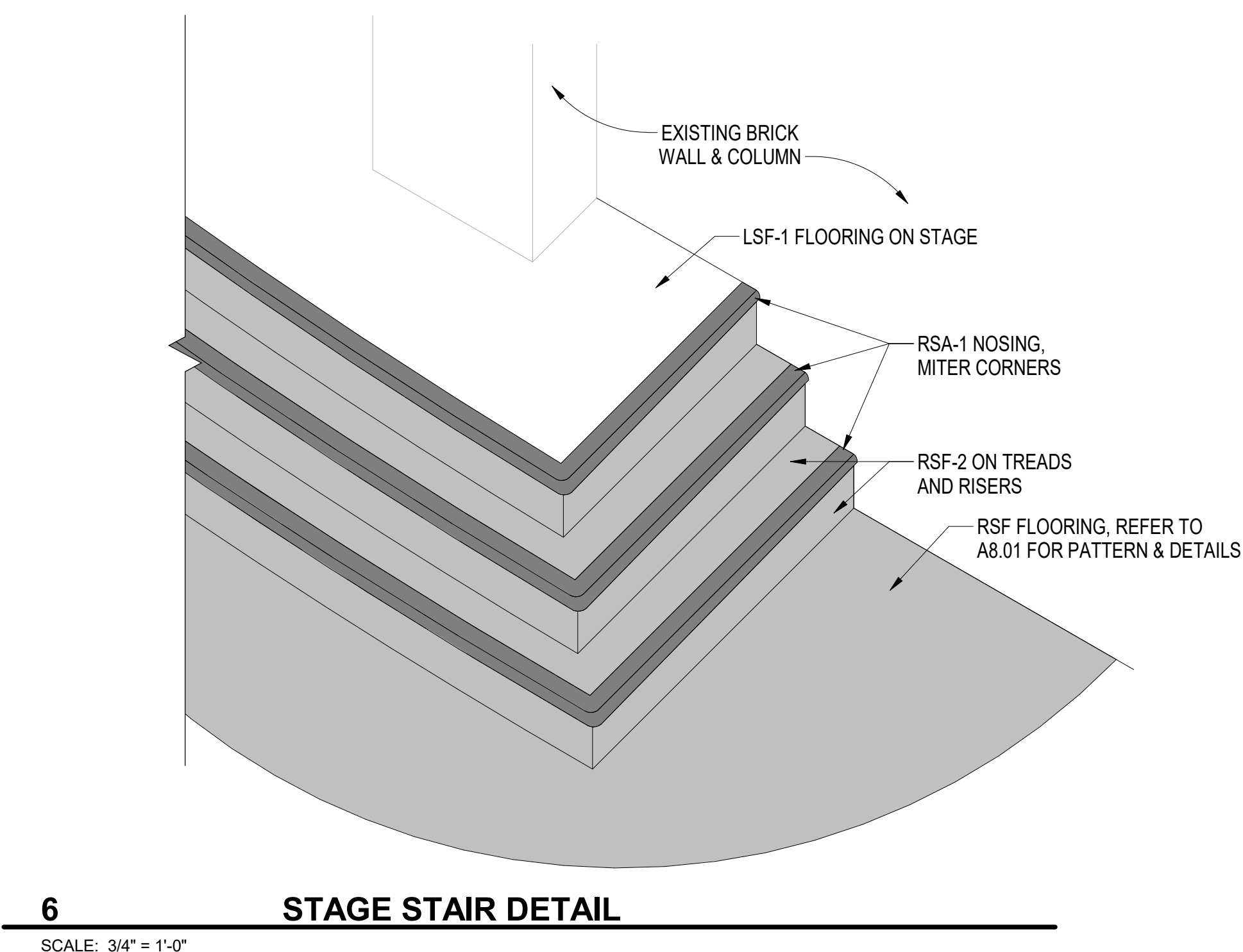
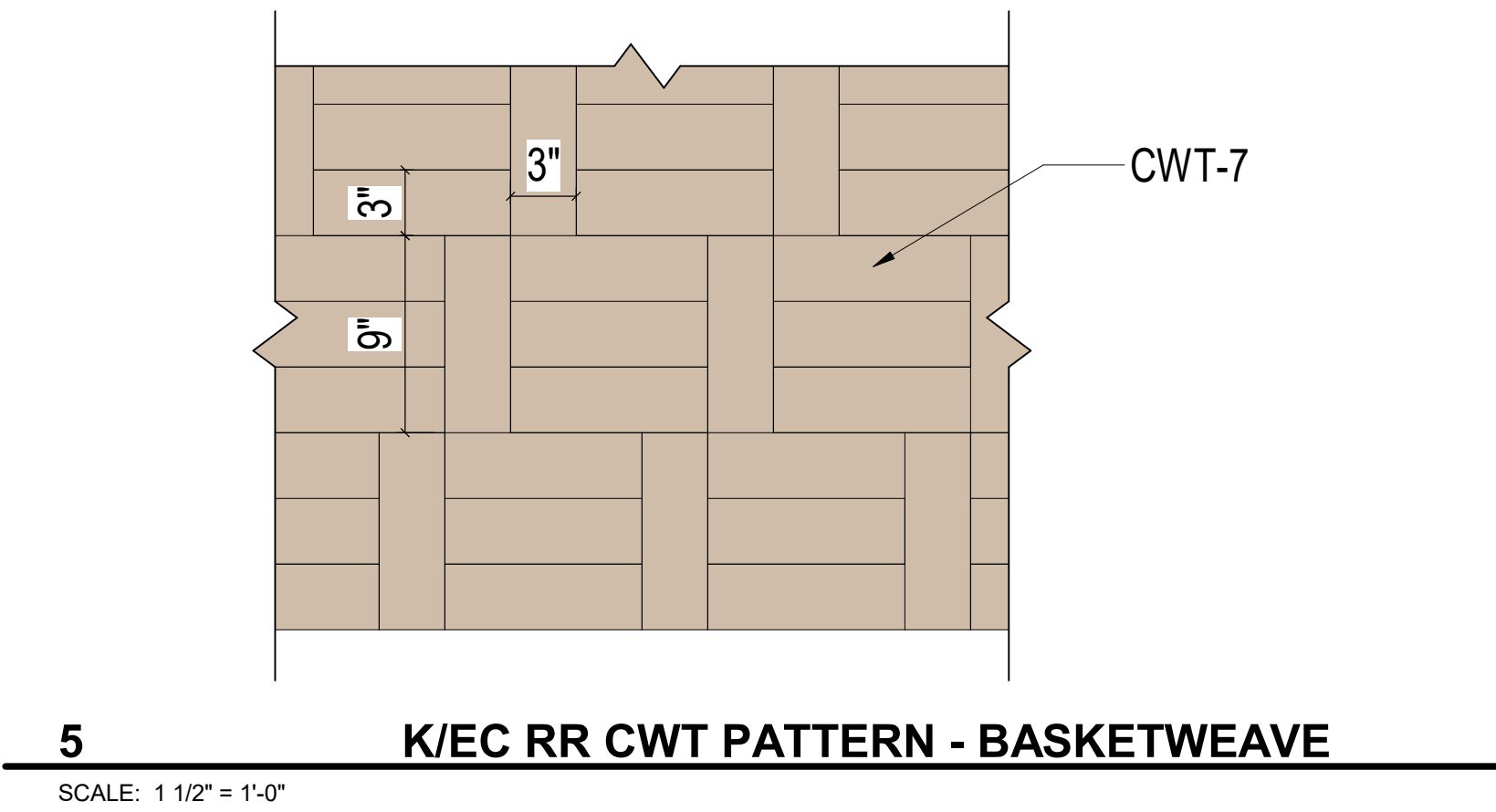
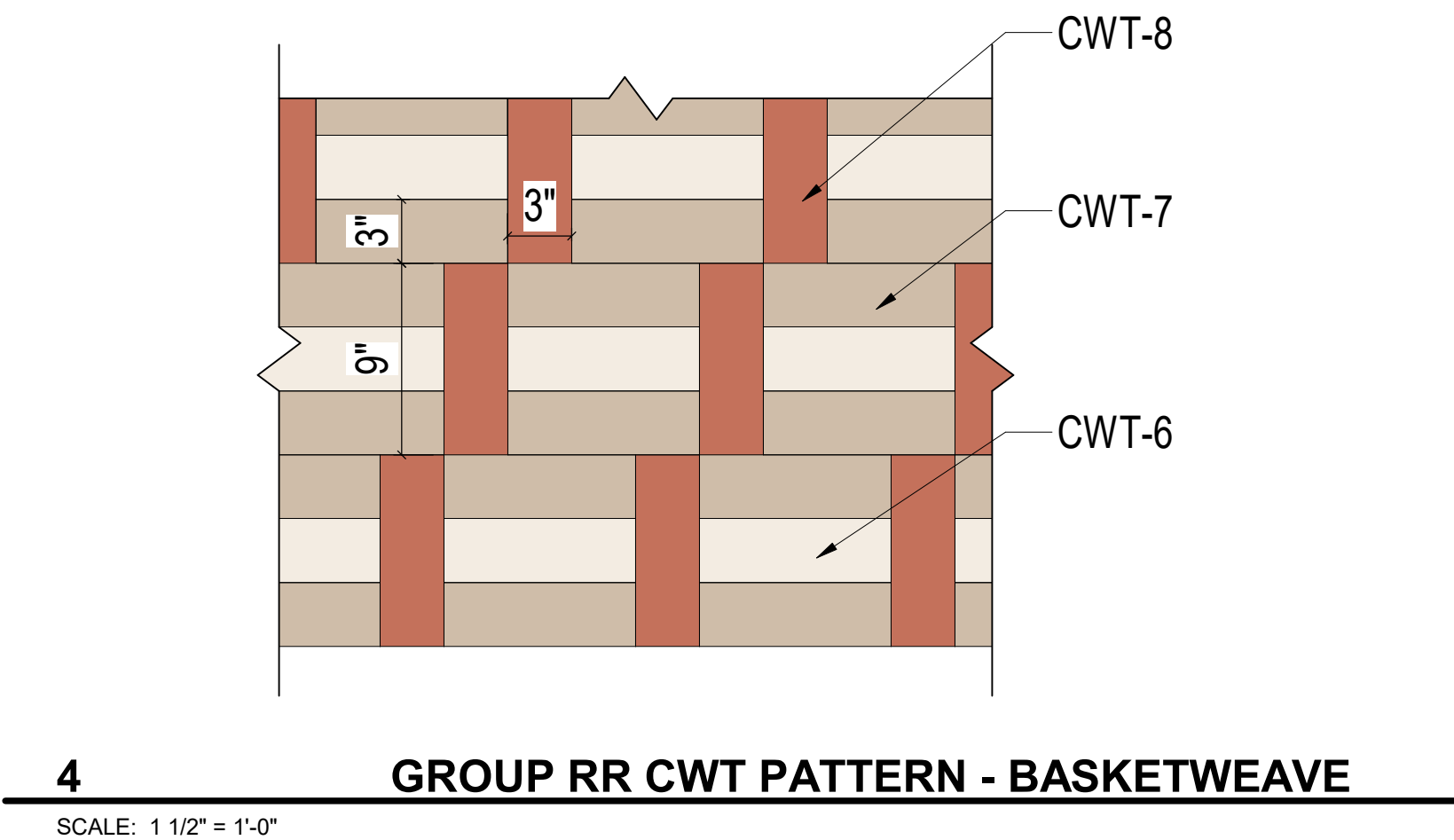
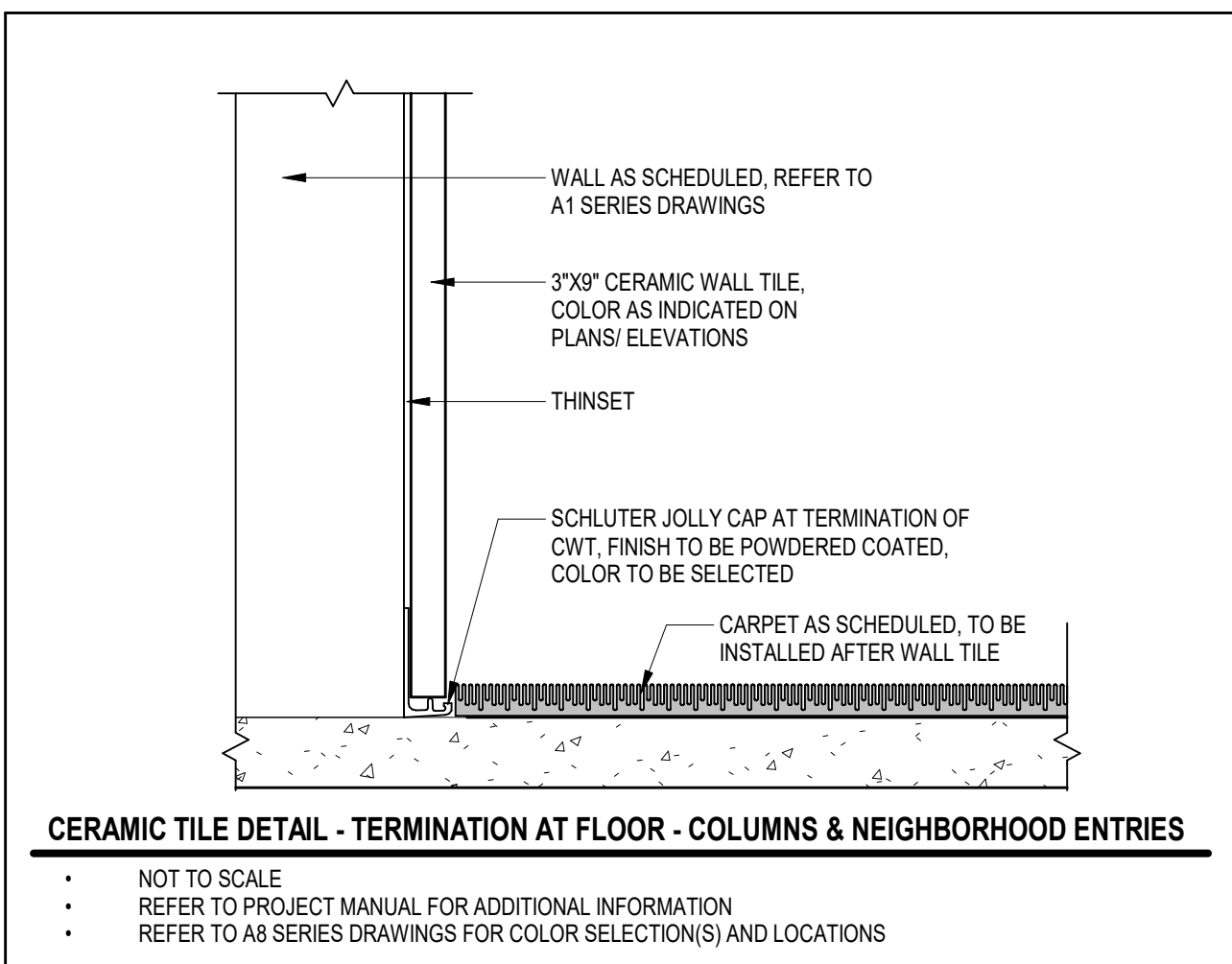
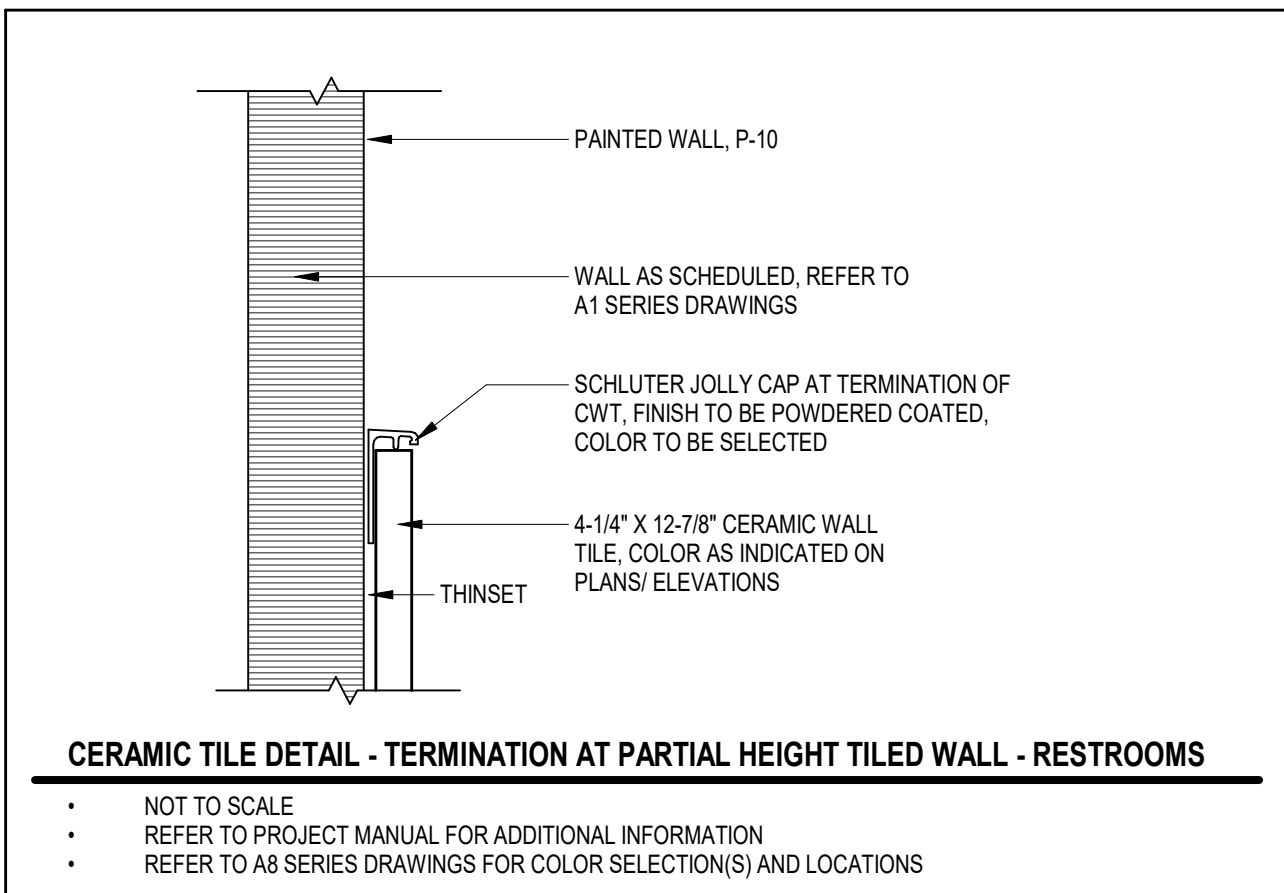
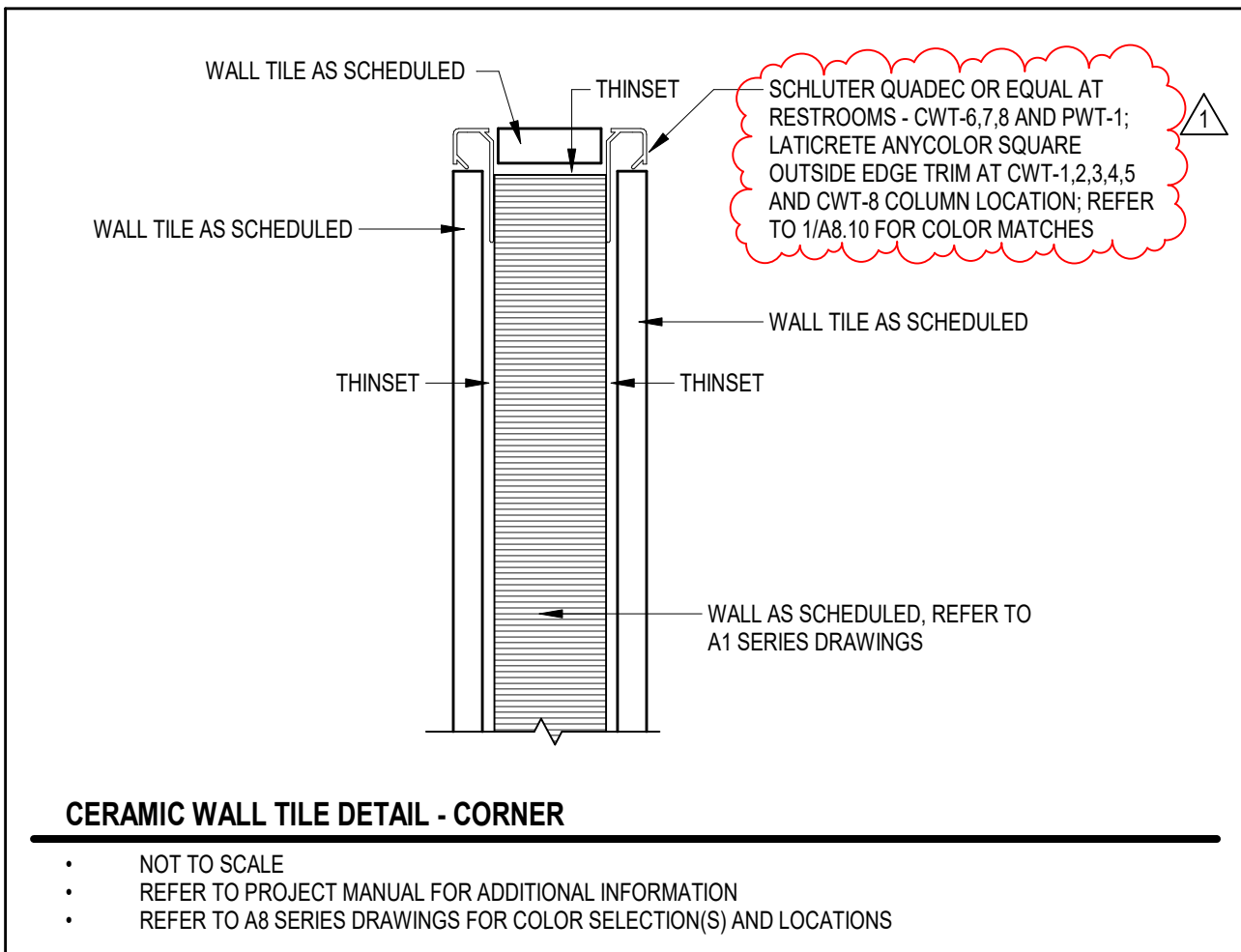
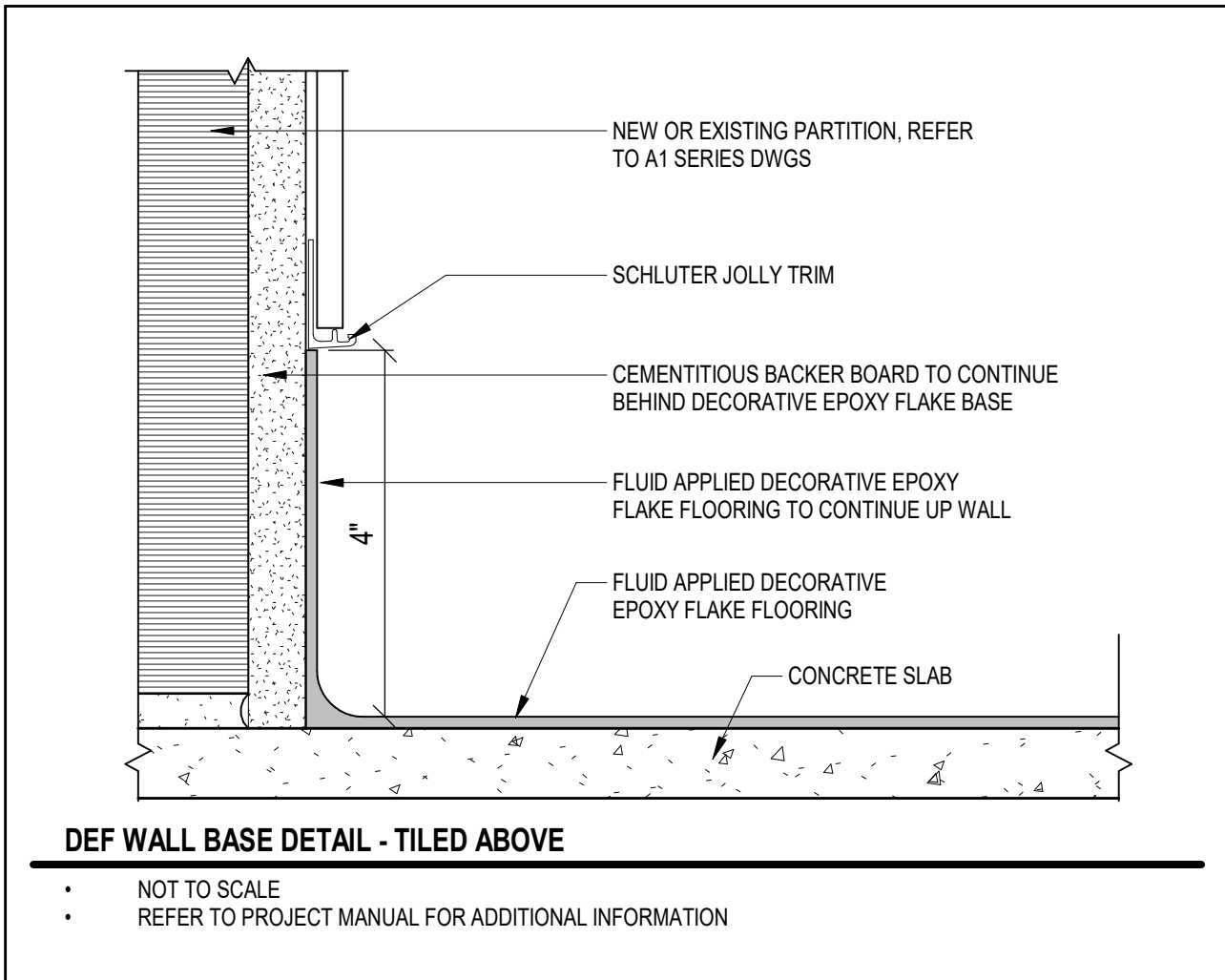
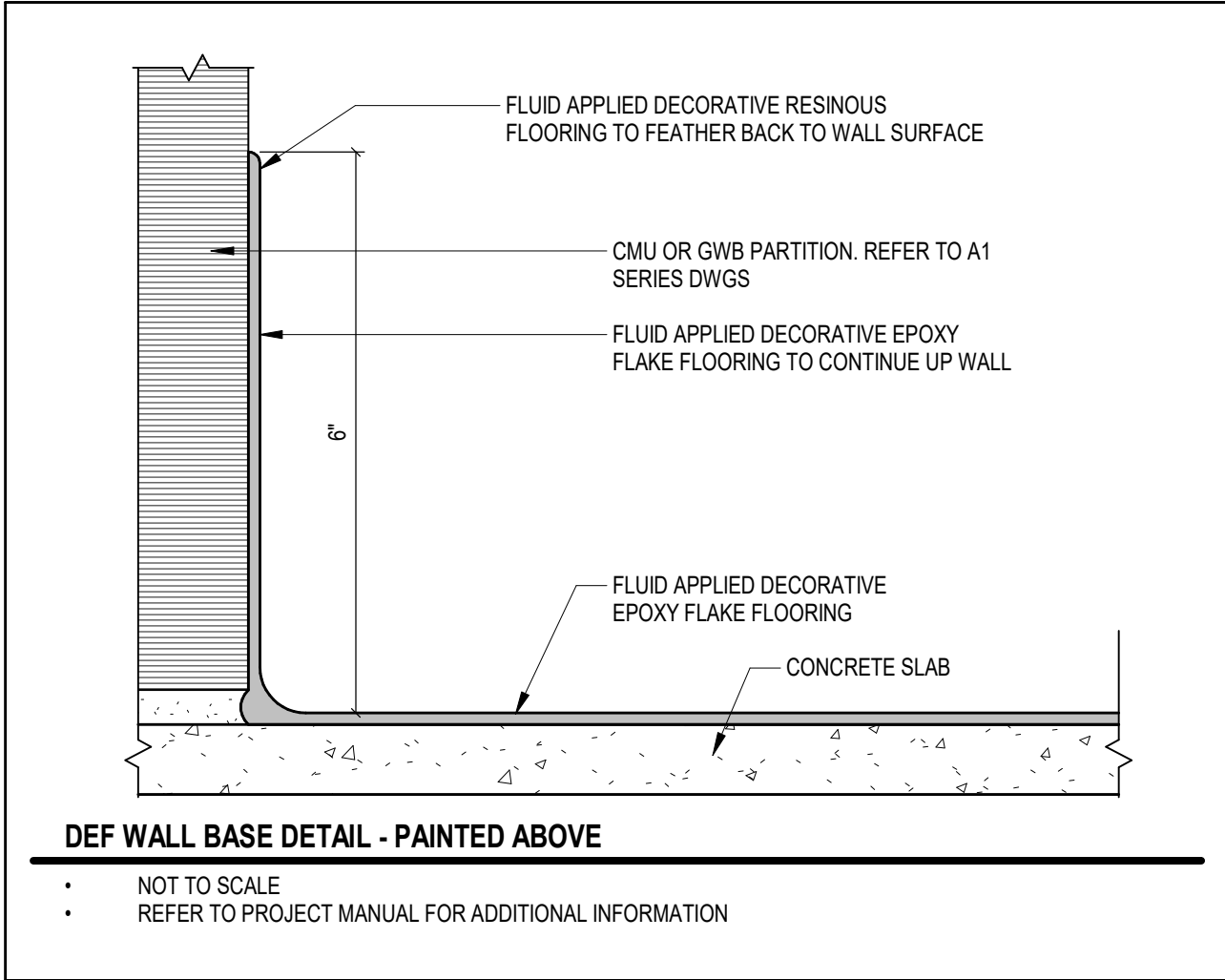
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BIDS

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN 46033

CARMEL CLAY SCHOOLS



ARCHITECT

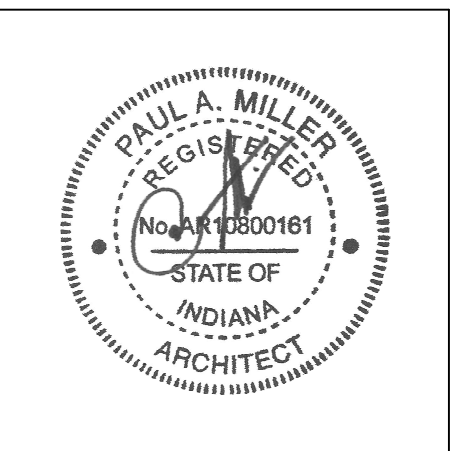


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BIDS



PROJECT MANAGER: SAM
DRAWN BY: AML
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

INTERIOR DETAILS

A8.10

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LIST OF FINISHES

REFER TO A8 ARCH. DWG. SHEETS

FLOOR MATERIALS

CARPET TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CART-1 (ADMIN)	SHAW CONTRACT / ALONGSIDE	MERGE COLOR 57495-50675 / 9'X36"
CART-2 (OFFICES)	SHAW CONTRACT / COLLABORATION	POSITIVE IMPACT 57497-67676 / 9'X36"
CART-3 (FIELD)	J+J FLOORING / ANALYTIC	WARM 7631-3589 / 18"X36"
CART-4A (1ST ACCENT)	J+J FLOORING / ANALYTIC FORM	WARM YELLOW 7633-3585 / 18"X36"
CART-4B (1ST CR)	J+J FLOORING / ANALYTIC DIFFUSE	WARM YELLOW 7633-3585 / 18"X36"
CART-5A (2ND ACCENT)	J+J FLOORING / ANALYTIC FORM	WARM BLUE 7633-3583 / 18"X36"
CART-5B (2ND CR)	J+J FLOORING / ANALYTIC DIFFUSE	WARM BLUE 7633-3583 / 18"X36"
CART-6A (3RD ACCENT)	J+J FLOORING / ANALYTIC FORM	WARM ORANGE 7633-3596 / 18"X36"
CART-6B (3RD CR)	J+J FLOORING / ANALYTIC DIFFUSE	WARM ORANGE 7633-3596 / 18"X36"
CART-7A (4TH ACCENT)	J+J FLOORING / ANALYTIC FORM	WARM PURPLE 7633-3592 / 18"X36"
CART-7B (4TH CR)	J+J FLOORING / ANALYTIC DIFFUSE	WARM PURPLE 7633-3592 / 18"X36"
CART-8A (5TH ACCENT)	J+J FLOORING / ANALYTIC FORM	WARM GREEN 7633-3594 / 18"X36"
CART-8B (5TH CR)	J+J FLOORING / ANALYTIC DIFFUSE	WARM GREEN 7633-3594 / 18"X36"
CART-9A (DISC CTR)	INTERFACE / THIRD SPACE / 301	GRANITE / 50CM X 50CM
CART-9B (DISC CTR)	INTERFACE / THIRD SPACE / 302	GRANITE / 50CM X 50CM
CART-9C (DISC CTR)	INTERFACE / THIRD SPACE / 303	GRANITE / 50CM X 50CM
• REFER TO MATERIAL & FINISH GENERAL NOTES FOR INSTALLATION METHOD INFORMATION.		
• SUBMIT INSTALLATION DRAWINGS INDICATING DIRECTION & LAYOUT OF CARPET TILE PRIOR TO INSTALLATION FOR APPROVAL.		

CERAMIC MOSAIC TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CMT-1	DALTILE / KEYSTONES AMERICAN OLEAN / UNGLAZED COLORBODY	GROUP 2, TO BE SELECTED / 2'X2" GROUP 2, TO BE SELECTED / 2'X2"

DECORATIVE EPOXY FLAKE FLOORING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DEF-1	REFER TO SPECIFICATIONS	MATCH TORGINAL COYOTE FB-513

ENTRANCE CARPET TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ECT-1	INTERFACE / SR899	TO BE SELECTED

LINOLEUM SHEET FLOORING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LSF-1	FORBO / MARMOLEUM / CONCRETE	METEORITE 3705

LUXURY VINYL TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LVT-1 (ADMIN)	MOHAWK / LIVING LOCAL / CHROMASCOPE	JACK RABBIT C0159-940 / 12"X24"
LVT-2 (NEIGHBORHOODS)	MANNINGTON / AMTICO / WOODS	ROTTERDAM OAK AR0W9440 / 7.25"X48"
LVT-3 (STEAM)	MOHAWK / MYOTEXTURE	BARX / 18"X36"

RESILIENT SHEET FLOORING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RSF-1 (KITCHEN)	ALTRO STRONGHOLD 30	TUNDRA-K32500
RSF-2	ECORE / ECOSURFACES CLASSIC	ACTION 1213
RSF-3	ECORE / ECOSURFACES CLASSIC	MONDAY BLUES 2614
RSF-4	ECORE / ECOSURFACES CLASSIC	RAIDERS OF THE LOST ARCHITECT 1212
RSF-5	ECORE / ECOSURFACES CLASSIC	MRS. DOUBTFIREPLACE 1209
RSF-6	ECORE / ECOSURFACES CLASSIC	BLUE HIGHWAY 9201

RESILIENT STAIR NOSING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RSA-1	JOHNSONITE / VOL-XX-RD	TO BE SELECTED

VINYL COMPOSITION TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VCT-1	TARKETT VCT II	TO BE SELECTED / 12"X12"

BASE MATERIALS		
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CERAMIC MOSAIC TILE BASE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CMTB-1	DALTILE / KEYSTONES AMERICAN OLEAN / UNGLAZED COLORBODY	GROUP 2, TO BE SELECTED / 2'X2" / MBSA GROUP 2, TO BE SELECTED / 2'X2" / MTA

DECORATIVE EPOXY FLAKE FLOORING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DEF-1	REFER TO SPECIFICATIONS	MATCH TORGINAL COYOTE FB-513

RESILIENT BASE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RB-1	JOHNSONITE	BURN UMBER 63

RESILIENT SHEET FLOORING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RSF-1 (KITCHEN)	ALTRO STRONGHOLD 30	TUNDRA-K32500

VENTED RUBBER BASE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VRB-1	JOHNSONITE	BLACK

WALL FINISHES

ABUSE-RESISTANT ACOUSTICAL WALL TILES			
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION	
AR-AWT-1A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	PPG PAINTS - PPG1022-4 ROCK SLIDE 24'X24" OVERALL	
AR-AWT-1B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	PPG PAINTS - PPG1022-4 ROCK SLIDE 24'X24" OVERALL	
AR-AWT-2A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	BENJAMIN MOORE - 2168-10 FALL HARVEST 24'X24" OVERALL	
AR-AWT-2B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	BENJAMIN MOORE - 2168-10 FALL HARVEST 24'X24" OVERALL	
AR-AWT-3A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	PPG PAINTS - PPG1210-5 BRIGHT IDEA 24'X24" OVERALL	
AR-AWT-3B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	PPG PAINTS - PPG1210-5 BRIGHT IDEA 24'X24" OVERALL	
AR-AWT-4A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	BENJAMIN MOORE - 567 BALSAM 24'X24" OVERALL	
AR-AWT-4B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	BENJAMIN MOORE - 567 BALSAM 24'X24" OVERALL	
AR-AWT-5A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	PPG PAINTS - PPG1164-7 ANNAPOLIS BLUE 24'X24" OVERALL	
AR-AWT-5B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	PPG PAINTS - PPG1164-7 ANNAPOLIS BLUE 24'X24" OVERALL	
AR-AWT-6A	ARMSTRONG / TECTUM DESIGNART SHAPES / LEFT PARALLELOGRAM	BENJAMIN MOORE - AF-630 KALAMATA 24'X24" OVERALL	
AR-AWT-6B	ARMSTRONG / TECTUM DESIGNART SHAPES / 45 DEGREE TRIANGLE	BENJAMIN MOORE - AF-630 KALAMATA 24'X24" OVERALL	

CERAMIC WALL TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CWT-1 (1ST)	PLATFORM TILE / BRICK ENVY	GOLDEN COAST / 3'X3"
CWT-2 (2ND)	PLATFORM TILE / BRICK ENVY	NORTURN / 3'X3"
CWT-3 (3RD)	PLATFORM TILE / BRICK ENVY	AMSTERDAM / 3'X3"
CWT-4 (4TH)	PLATFORM TILE / BRICK ENVY	MIRTL0 / 3'X3"
CWT-5 (5TH)	PLATFORM TILE / BRICK ENVY	HIGHLAND / 3'X3"
CWT-6 (RR)	PLATFORM TILE / BRICK ENVY	SANTORINI / 3'X3"
CWT-7 (RR)	PLATFORM TILE / BRICK ENVY	LHAMA / 3'X3"
CWT-8 (RR)	PLATFORM TILE / BRICK ENVY	HAVANA / 3'X3"

PAINT		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
P-1 (FIELD)	SHERWIN WILLIAMS	SW7042 SHOU WHITE
P-2 (DOOR FRAMES)	SHERWIN WILLIAMS	SW7009 IRON ORE
P-3 (CELGINGS)	SHERWIN WILLIAMS	SW7005 PURE WHITE
P-4 (1ST ACCENT)	PPG PAINTS	PPG1210-5 BRIGHT IDEA
P-5 (2ND ACCENT)	PPG PAINTS	PPG1164-7 ANNAPOLIS BLUE
P-6 (3RD ACCENT)	BENJAMIN MOORE	2168-10 FALL HARVEST
P-7 (4TH ACCENT)	BENJAMIN MOORE	AF-630 KALAMATA
P-8 (5TH ACCENT)	PPG PAINTS	567 BALSAM
P-9 (DOGYNCAFE)	PPG PAINTS	PPG15-28 GREAT GRAY
P-10 (PMT-1 MATCH)	PPG PAINTS	PPG1065-5 SO SUBLIME
P-11 (BRICK MATCH)	SHERWIN WILLIAMS	SW0007 DECOROUS AMBER
P-12 (GREEN SCREEN)	BENJAMIN MOORE	2032-20 TRAFFIC LIGHT GREEN / FLAT
P-13 (WOOD TRIM)	PPG PAINTS	1022-4 ROCK SLIDE
P-14 (DOCAFE)	PPG PAINTS	PPG1164-6 BLUE CLOUD
P-15 (ACCENT)	PPG PAINTS	PPG1024-3 CRUSHED SILK

PORCELAIN WALL TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PWT-1 (RR)	FLORIDA TILE / TEMPO	DARK GRAY MATTE / 12'X24"

STRETCH FABRIC WALL SYSTEM		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SFW-1 (D.C./STEAM)	DESIGNTEX / BRUSHED FLANNEL	CREME 3797-101
SFW-2 (D.C./STEAM)	DESIGNTEX / GAMUT	CADET 3468-409
SFW-3 (CAFE)	DESIGNTEX / BIRDSEYE	MOCHA 4142-104

VINYL WALLCOVERING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VWC-1 (OP WALL)	MOMENTUM / ALTO	TIRAMISU L1N-AT-04
VWC-2 (WAINSCOT)	KOROSEAL / FLEX DECORATIVE WALL PROTECTION / MONROE TYPE III	LINEN MON-06

WOOD VENEER WALLCOVERING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VWVC-1	MOMENTUM / SOURCE ONE / WOODS	BROWN BIRCH SWS-62

WOOD WALL		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
WDW-1	STACKED WOOD WALLS / MAISIE WINDFALL / HARDWOOD CLADDING	JUGLANS 2012 BEST MATCH TO JUGLANS

MISCELLANEOUS FINISHES

ACOUSTICAL WALL CARPET		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AWC-1	SURFACE MATERIALS / CROSSPOINT / TIARA II	PELICAN 00103

ARCHITECTURAL FINISH FILM		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AFF-1 (DISC CTR)	DESIGNTEX - 3M / DIANOC	LEATHER / LE-1109

BRICK		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
BRK-1 (BEST MATCH EXISTING)	GLENGERY BRICK / CUSHWA SERIES	ROSE FULL RANGE - NO DARK BRICK / MODULAR SIZE
BRK-2 (MATCH EXISTING)	SELDEN BRICK	STAFFANE SPECIAL BLIND / COARSE VEDOUR TEXTURE UTILITY SIZE, REFER TO DETAIL 61A3.03 FOR TRIMS & DEPTHS

DECORATIVE FILM OVERLAY		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DFO-1	3M FASARA	TO BE SELECTED

EXTERIOR CERAMIC WALL TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ECWT-1	AGROB-BUCHTAL / PLURAL PLUS ONE	TO BE SELECTED / SILKY-MATT FINISH / 20CM X 20CM

GROUT		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GT-1 (PWT)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-2 (CWT-1)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-3 (CWT-2)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-4 (CWT-3)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-5 (CWT-4)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-6 (CWT-6)	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-7 (CWT-6.7.8)	REFER TO SPECIFICATIONS	TO BE SELECTED

INTERIOR WOOD DOORS/ INTERIOR WOOD TRIM		
• EXISTING WOOD DOORS,TRANSOMS, AND TRIM TO REMAIN. NEW WOOD DOORS, AND TRANSOMS TO MATCH EXISTING. • ROTARY CUT RED OAK TO BE WOOD SPECIES FOR NEW DOORS AND TRANSOMS. STAIN TO MATCH EXISTING DOORS. • PROVIDE STAIN SAMPLES FOR VERIFICATION. • DISCOVERY CENTER NOOK ASSEMBLY TO BE STAINED RED OAK, COLOR TO MATCH MINWAX SMOKEWOOD MW-407.		

RESILIENT MOLDING ACCESSORIES		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RMA-1	JOHNSONITE	TO BE SELECTED

SAFETY PADDING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SP-1	REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION	

CEILING FINISHES		
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ACOUSTICAL CEILING TILES		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ACT-1 (FIELD)	ARMSTRONG / SCHOOL ZONE FINE FISSURED HIGH-NC #113	WHITE / 2'X2'
ACT-2 (RESTROOMS)	ARMSTRONG / TUNDRA #301	WHITE / 2'X2'
ACT-3 (STORAGE)	ARMSTRONG / FINE FISSURED #1610	WHITE / 2'X2'
ACT-4 (KITCHEN)	ARMSTRONG / CLEAN ROOM VL #688	WHITE / 2'X2'
ACT-5 (OFFICES)	ARMSTRONG / OPTIMA #3354	WHITE / 2'X2'

INTERIOR FINISH SYSTEM		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
FS-1	REFER TO SPECIFICATIONS	TO BE SELECTED (MATCH P-15)
FS-2	REFER TO SPECIFICATIONS	TO BE SELECTED (WHITE)

LINEAR METAL CEILING		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LMC-1	ARMSTRONG / METALWORKS LINEAR CLASSICS	EFFECTS SUBTLE, COLOR TO BE SELECTED / 4'X96"

MATERIAL & FINISH GENERAL NOTES

GENERAL		
A.	REFER TO FINISH PLAN DRAWINGS AND DETAILS (A8 SERIES) FOR MATERIALS, PATTERNS AND COLORS.	
B.	REFER TO A7S.01 LIST OF FINISHES FOR ADDITIONAL FINISHES NOT NOTED ON THIS SHEET.	

FLOORINGS		
A.	CENTER FLOORING TILE AND PATTERN IN ROOM UNLESS OTHERWISE INDICATED ON FINISH PLANS.	
B.	ALIGN EDGE OF FINISHED FLOOR MATERIAL WITH EDGE OF WALL OR CASEWORK.	
C.	FLOOR FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE INDICATED, WHERE THE FLOORING MATERIAL CHANGES FROM ROOM TO ROOM.	
D.	EXTEND FLOOR MATERIAL AND PATTERN UNDER ALL OPEN TO THE FLOOR CASEWORK AND FURNITURE.	
E.	COORDINATE CONTROL JOINTS IN CONCRETE SLAB WITH STRUCTURAL DRAWINGS AND FINISH FLOORING INSTALLER.	
F.	REFER TO FLOOR PLANS, RESTROOM ENLARGED PLANS, PLUMBING DRAWINGS, ETC. FOR FLOOR DRAIN LOCATIONS.	
G.	AT BUILDING EXPANSION JOINTS (IF APPLICABLE) PROVIDE PRE-FABRICATED MOVEMENT PROFILE SYSTEM IN MORTAR BED. PROVIDE SPLITURER DILEX-EDP OR APPROVED EQUAL. TYPICAL AT ALL LOCATIONS.	

EXISTING MATERIALS (X)		
A.	(XBRK) INDICATES EXISTING BRICK TO REMAIN. DO NOT PAINT.	
B.	(XWAF) INDICATES EXISTING WOOD ATHLETIC FLOOR TO REMAIN. DO NOT PAINT.	
C.	(XVRB) INDICATES EXISTING VENTED RESILIENT BASE TO REMAIN.	
D.	(XGWB) INDICATES EXISTING GYPSUM WALLBOARD CEILING TO REMAIN. REPAINT AS SCHEDULED.	
E.	(XWD) INDICATES EXISTING WOOD CEILING TO REMAIN. DO NOT PAINT.	

LUXURY VINYL TILE (LVT)		
A.	ALL LVT PATTERNS BASED ON PLANK SIZE INCREMENTS PER MANUFACTURER.	
B.	ALL LVT TO HAVE SQUARE EDGE. NOT BEVEL.	
C.	LVT-1 & LVT-3 INSTALLATION METHOD TO BE ASHLAR.	
D.	LVT-2 INSTALLATION METHOD TO BE 1/8 OVERLAP.	

VINYL COMPOSITION TILE (VCT)		
A.	ALL VCT TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.	

CARPET TILE (CART)		
A.	CART-1 & 2 TO BE LAID IN ASHLAR INSTALLATION METHOD.	
B.	CART-3 TO BE LAID IN BOTH BRICK AND MONOLITHIC INSTALLATION METHODS, REFER TO A8.11 FOR FLOORING DETAIL.	
C.	CART-4 TO BE LAID IN BRICK INSTALLATION METHOD.	
D.	CART-5 TO BE LAID IN BRICK INSTALLATION METHOD.	
E.	CART-6 TO BE LAID IN NON-DIRECTIONAL INSTALLATION METHOD, REFER TO A8.11 FOR FLOORING DETAIL.	
F.	PRIOR TO INSTALLATION, CONTRACTOR TO SUBMIT INSTALLATION DRAWINGS INDICATING DIRECTION/LAYOUT OF CARPET TILE TO ENSURE THAT DESIGN INTENT HAS BEEN IMPLEMENTED.	

WALL TILE		
A.	SHOWER ENCLOSURE LOCATED IN ROOM A111 IS TO HAVE FLOOR TO CEILING CERAMIC WALL TILE INSTALLED ON ALL THREE WALLS AS INDICATED.	
B.	CERAMIC WALL TILE TO BE INSTALLED IN VERTICAL STRAIGHT LAY UNLESS NOTED OTHERWISE.	
C.	CERAMIC WALL TILE ACCENT WALLS IN SINGLE RESTROOMS TO BE INSTALLED IN BASKETWEAVE PATTERN AS NOTED.	
D.	PORCELAIN WALL TILE TO BE INSTALLED IN VERTICAL STRAIGHT LAY.	

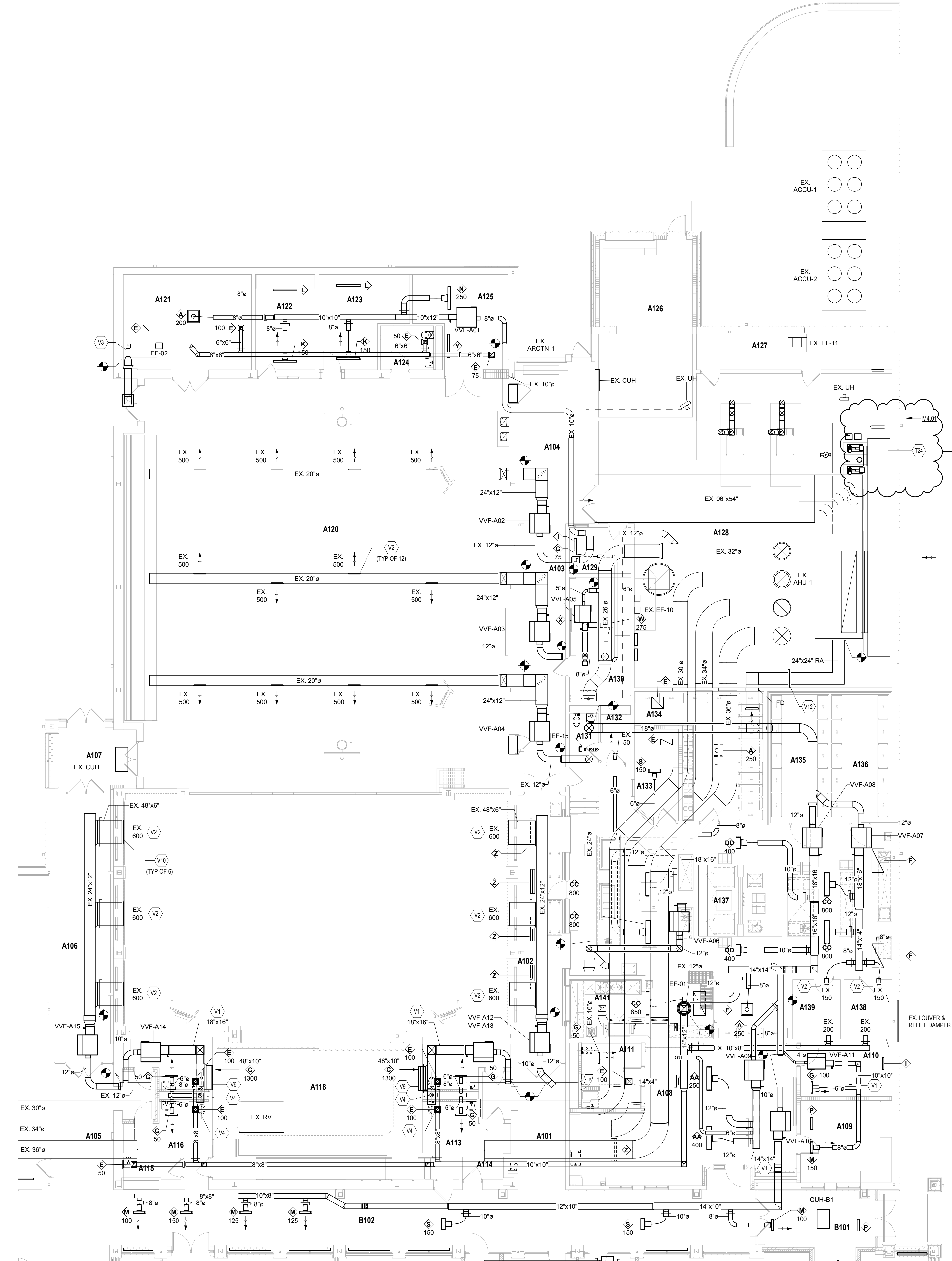
WALL BASE		
A.	RUBBER BASE (RB-1) TO BE INSTALLED AT ALL LVT, VCT, CART, AND SVF LOCATIONS UNLESS OTHERWISE INDICATED. ALL RB BASE TO BE COVERED.	
B.	PROVIDE PREFORMED BASE TO MATCH 1" RADIUS AT ALL LOCATIONS WHERE BASE COVERS MASONRY BULLNOSE. REFER TO FINISH SCHEDULE FOR BASE MATERIAL TYPE. TYPICAL AT ALL LOCATIONS. AT RB LOCATIONS PROVIDE PREFORMED OUTSIDE CORNERS, AND USE MANUFACTURER'S RECOMMENDED ADHESIVE (CONTACT CEMENT) FOR PROPER ADHESION WITH NO GAPS.	

PAINT & STAIN		
A.	PAINT ALL WALLS UNLESS OTHERWISE INDICATED ON FINISH PLANS.	
B.	PAINT ONE NOOK-UP CLASSROOM TO RECEIVE ARCHITECT'S APPROVAL PRIOR TO ORDERING PAINT FOR THE ENTIRE BUILDING.	
C.	REPAINT ALL EXISTING DOOR FRAMES. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	
D.	REFER TO "MISCELLANEOUS MATERIALS" SECTION FOR INFORMATION ON WOOD SPECIES AND STAIN.	

PAINT TYPE GENERAL NOTES

A.	UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINT
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UNIT A - MECHANICAL VENTILATION PLAN
SCALE: 1/8" = 1'-0"

VENTILATION PLAN GENERAL NOTES

- A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COLLS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
- F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4'-0" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
- I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
- K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- L. THE CLEARANCE FOR THE DESIGNED FAN-POWERED VAV TERMINAL UNITS IS FROM THE BOTTOM OF THE UNIT. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPROVED FAN-POWERED VAV TERMINAL UNITS WITH ALL TRADES PRIOR TO INSTALLATION.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- T24 EXISTING OUTSIDE AIR PLENUM TO REMAIN. ALL EXISTING TEMPERATURE CONTROLS, DAMPER ACTUATORS, SENSORS, ETC. SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS, ACTUATORS, SENSORS, ETC.
- V1 DUCTWORK PROVIDED WITH INTERNAL LINED INSULATION. REFER TO SPECIFICATIONS.
- V2 EXISTING DIFFUSER TO REMAIN. BALANCE VOLUME DAMPER TO CFM SHOWN.
- V3 WRAP EXHAUST DUCTWORK WITH INSULATION FROM EXISTING BACKDRAFT DAMPER TO NEW EXHAUST FAN.
- V4 PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.
- V9 CONTRACTOR SHALL COORDINATE FINAL DIFFUSER/GRILLE COLOR WITH ARCHITECT.
- V10 CONTRACTOR SHALL REMOVE EXISTING DIFFUSER/GRILLE AND CLEAN TO LIKE NEW CONDITION. CONTRACTOR SHALL PAINT DIFFUSER TO MATCH NEW WALL COLOR. COORDINATE FINAL COLOR WITH ARCHITECT.
- V12 BALANCE DAMPER TO 6000 CFM. COORDINATE WITH STRUCTURAL STEEL IN AREA. PROVIDE FIRE DAMPER IN WALL PENETRATION.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS



ARCHITECT

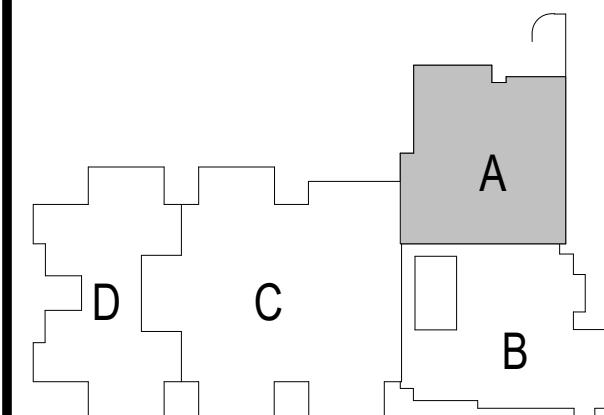
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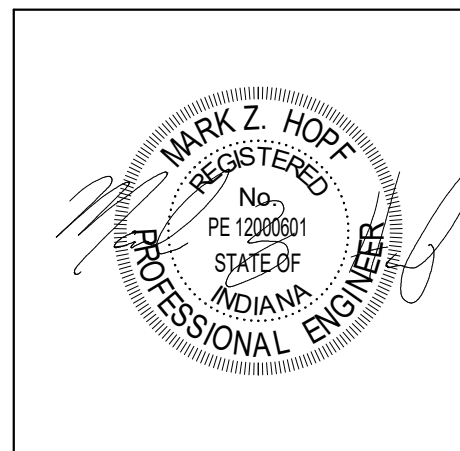
350 E. NEW YORK ST., INDIANAPOLIS IN 46204

CONSULTANT



KEY PLAN

BIDS



PROJECT MANAGER: SAM

DRAWN BY: DJA

PROJECT NUMBER: 222011.00

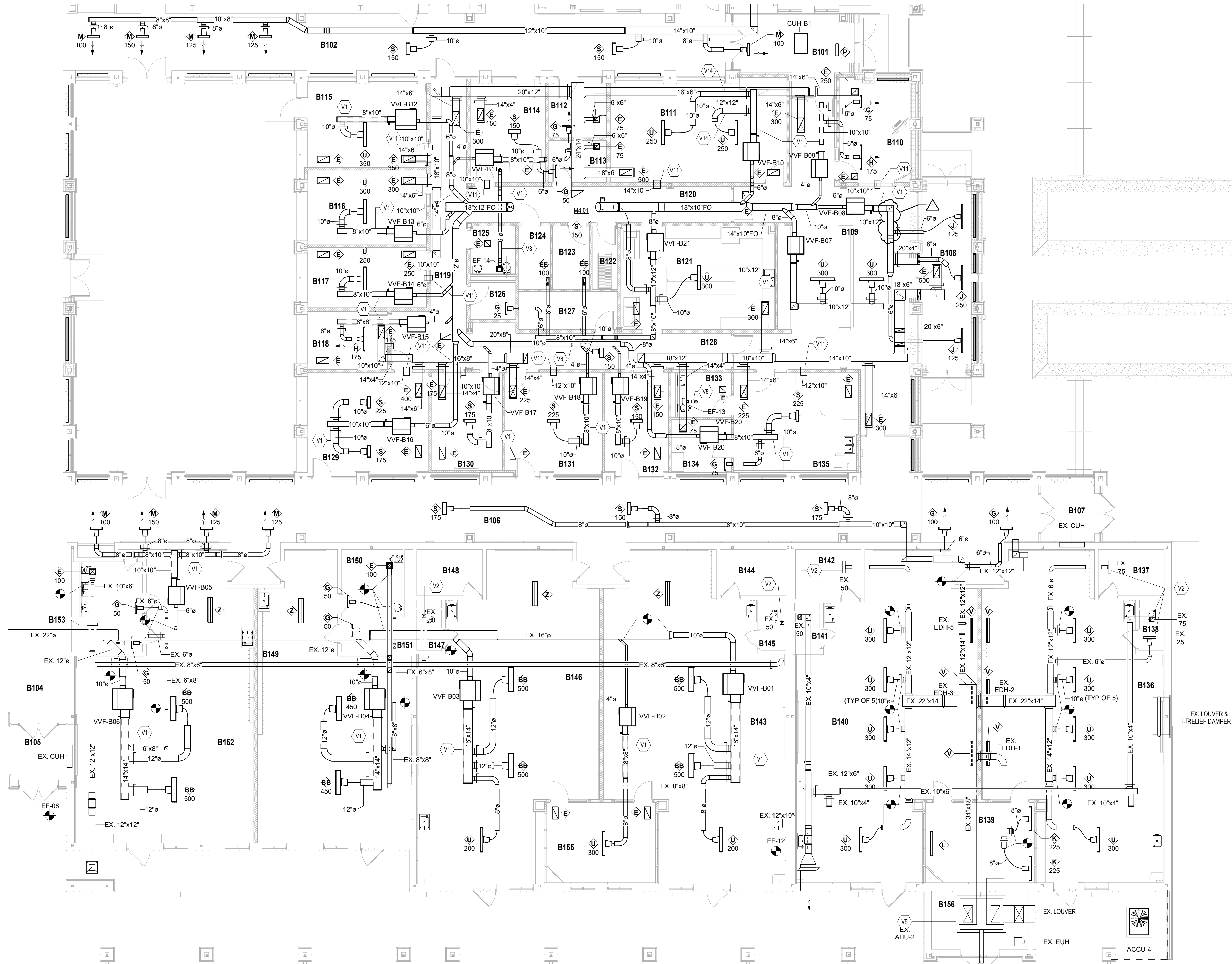
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM#1	2.23.2024

1ST FLR VENTILATION PLAN - UNIT A

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UNIT B - MECHANICAL VENTILATION PLAN
SCALE: 1/8" = 1'-0"

VENTILATION PLAN GENERAL NOTES

- ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COLLS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
- ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4' ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
- COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
- PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- THE CLEARANCE FOR THE DESIGNED FAN-POWERED VAV TERMINAL UNITS IS FROM THE BOTTOM OF THE UNIT. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPROVED FAN-POWERED VAV TERMINAL UNITS WITH ALL TRADES PRIOR TO INSTALLATION.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- V1 DUCTWORK PROVIDED WITH INTERNAL LINED INSULATION. REFER TO SPECIFICATIONS.
- V2 EXISTING DIFFUSER TO REMAIN. BALANCE VOLUME DAMPER TO CFM SHOWN.
- V5 CONTRACTOR SHALL MODIFY EXISTING AIR HANDLING UNIT TO 4300 CFM.
- V6 APPROXIMATE LOCATION OF DUCT STATIC PRESSURE SENSOR.
- V8 TRANSITION 6" ROUND DUCTWORK UP THROUGH ROOF. TERMINATE WITH GOOSENECK. COORDINATE WITH STRUCTURAL IN AREA.
- V11 AIR TRANSFER WALL OPENING LOCATED ABOVE THE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES.
- V14 ROUTE DUCTWORK BETWEEN THROUGH STRUCTURAL STEEL. COORDINATE EXACT LOCATION WITH STRUCTURAL CONTRACTOR AND ALL OTHER TRADES.

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CARMEL CLAY SCHOOLS



ARCHITECT

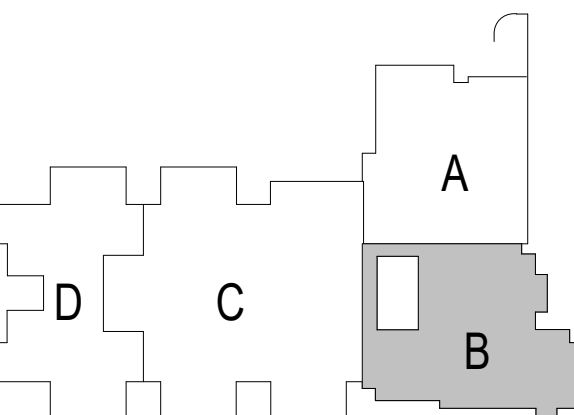
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CONSULTANT



KEY PLAN

BIDS



PROJECT MANAGER: SAM

DRAWN BY: DJA

PROJECT NUMBER: 222011.00

PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM#1	2.23.2024

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

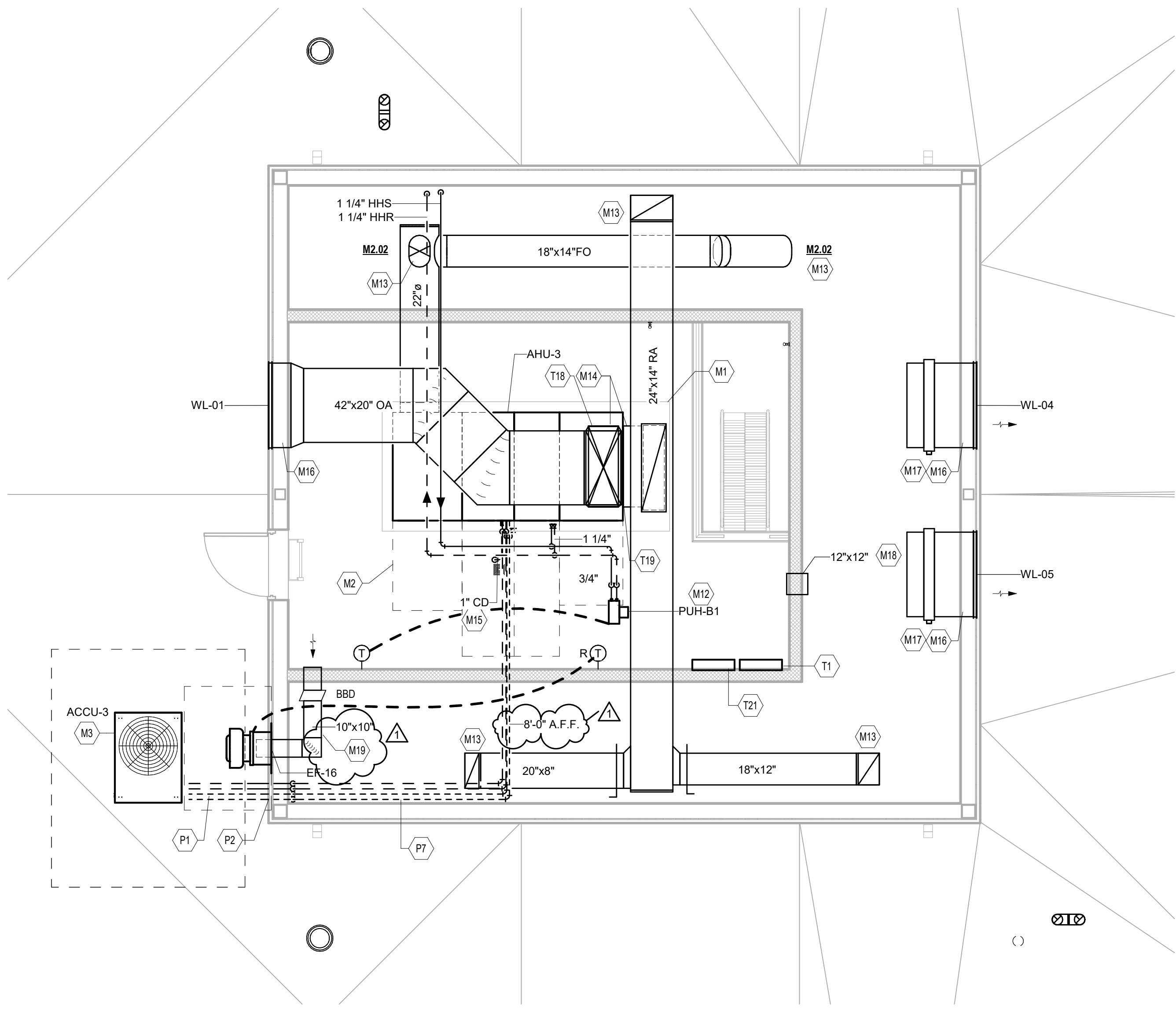
1ST FLR VENTILATION PLAN - UNIT B

M2.02

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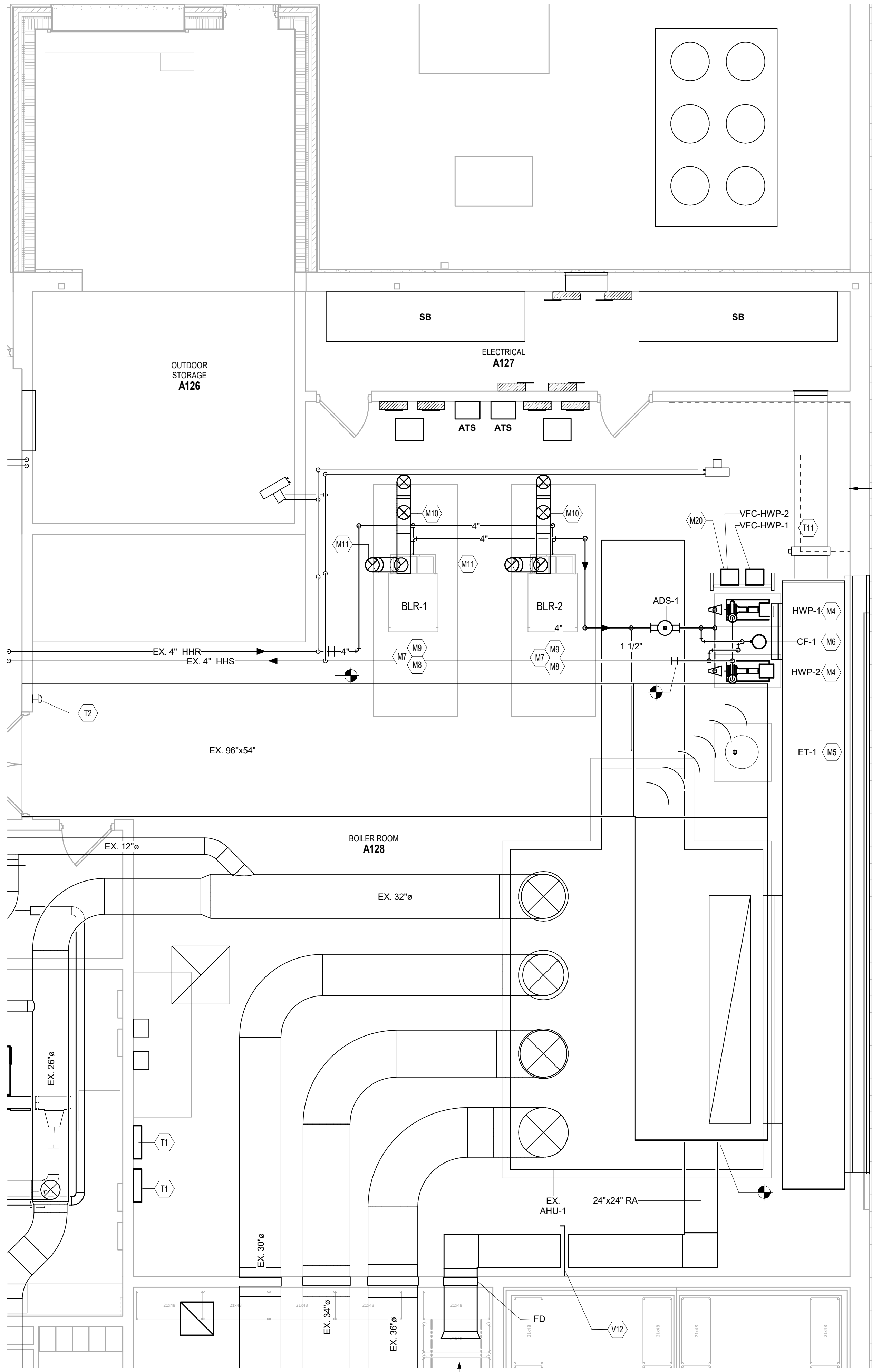
UNIT B - MEZZANINE MECHANICAL ROOM

SCALE: 1/4" = 1'-0"



UNIT A - 1ST FLOOR BOILER ROOM

SCALE: 1/4" = 1'-0"



MECHANICAL ROOM PLAN GENERAL NOTES

- ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
- ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4\"/>

MECHANICAL ROOM PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- INSTALL EQUIPMENT ON 6\"/>
- CLEARANCE REQUIRED FOR AIR HANDLING UNIT COIL PULLS.
- NEW CONDENSING UNIT MOUNTED ON ROOF. ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR AIR HANDLING UNIT PER MANUFACTURERS GUIDE. INSTALLED ON ROOF SUPPORT RAILS WITH VIBRATION ISOLATORS.
- NEW BASE MOUNTED PUMP ON EXISTING CONCRETE BASE. ANCHOR TO CONCRETE BASE.
- PROVIDE NEW VERTICAL EXPANSION TANK ON EXISTING CONCRETE PAD HOUSEKEEPING PAD PRIOR TO BOILER OPERATION. ENSURE INSTALLATION OF NEW EXPANSION TANKS. REFER TO DETAIL.
- REINFORCE AND EXTEND CONCRETE SUPPORT PAD FOR EQUIPMENT. CONTRACTOR SHALL PROVIDE CHEMICAL SHOT FEEDER WITH INTEGRAL BAG FILTER. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- NATURAL GAS TRAIN APPROVED BY FACTORY MUTUAL (FM), DIVISION 22 PLUMBING CONTRACTOR TO INSTALL NATURAL GAS PIPING TO END OF GAS TRAIN. REFER TO DETAIL.
- PROVIDE AND INSTALL PRESSURE RELIEF VALVE TO BOILER. REFER TO BOILER MANUFACTURER FOR RECOMMENDED LOCATION. PIPE FULL SIZE TO FLOOR DRAIN. SUPPORT PIPING INDEPENDENTLY OF VALVE TO PREVENT STRESS AND TO ALLOW PROPER OPERATION.
- PROVIDE AND INSTALL CONDENSATE PIPING, TRAP ASSEMBLY, AND CONDENSATE NEUTRALIZER KIT PER MANUFACTURERS REQUIREMENTS (FOR EACH BOILER). ROUTE CONDENSATE PIPING TO NEAREST FLOOR DRAIN AS SHOWN ON DRAWINGS. PROVIDE PIT FOR NEUTRALIZATION KIT AND SUPPORT FOR CONDENSATE TRAP AS NECESSARY.
- PROVIDE AND INSTALL 10\"/>
- PROVIDE AND INSTALL 10\"/>
- SUPPORT UNIT HEATER FROM STRUCTURE ABOVE WITH SUPPLEMENTAL STEEL AND THREADED ROD AS REQUIRED. COORDINATE FINAL HEIGHT IN FIELD.
- DUCT ROUTED DOWN TO FLOOR BELOW. COORDINATE WITH STRUCTURAL STEEL IN AREA.
- CONDENSATE DRAIN PIPING WITH WATER SEAL TRAP FROM UNIT TO NEAREST FLOOR DRAIN. CUT END OF PIPE AT A 45 DEGREE ANGLE. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS. REFER TO DETAIL.
- INSULATED SHEET METAL PLENUM MOUNTED BEHIND WALL LOUVER. TRANSITION BOTTOM OF DUCT AT A SLOPE DOWNWARD TO WALL LOUVER. SEAL ALL SEAMS AND EDGES WATER TIGHT. WRAP PLENUM WITH INSULATION. REFER TO DETAIL.
- AIR TRANSFER WALL OPENING LOCATED ABOVE THE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES AND STRUCTURAL STEEL. PROVIDE PROTECTIVE TYPIC PROTECTED WITH BIRDSHIELD.
- WRAP EXHAUST DUCTWORK WITH INSULATION FROM BACKDRAFT DAMPER TO THE WALL MOUNTED EXHAUST FAN.
- CONTRACTOR SHALL MOUNT VARIABLE FREQUENCY CONTROLLER ON A UNISTRUT STYLE RACK IN THIS GENERAL LOCATION IF THERE IS NO WALL SPACE AVAILABLE IN THE AREA. FIELD VERIFY FINAL LOCATION WITH OWNER. PROVIDE DRAIN PAN FOR ALL PIPING ABOVE VFDs.
- ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR EVAPORATOR PER MANUFACTURERS GUIDE. REFRIGERANT PIPING AND ACCESSORIES TO BE SIZED PER UNIT MANUFACTURERS REQUIREMENTS. ALL PIPING ON THE EXTERIOR OF THE BUILDING SHALL BE WRAPPED WITH INSULATION AND THEN COVERED WITH A PVC JACKET PER THE PROJECT MANUAL. PROVIDE PIPE SUPPORTS AS REQUIRED TO PROPERLY SUPPORT THE PIPING.
- PROVIDE WALL SLEEVES FOR REFRIGERANT PIPING. SEAL BOTH SIDES OF THE WALL WATER TIGHT.
- INSTALL ALL REFRIGERANT PIPING PER THE MANUFACTURERS RECOMMENDATIONS.
- APPROXIMATE LOCATION OF TEMPERATURE CONTROL PANEL. COORDINATE EXACT LOCATION WITH ALL TRADES.
- APPROXIMATE LOCATION OF BOILER SHUT-DOWN SWITCH PROVIDED AND INSTALLED BY TEMPERATURE CONTROL CONTRACTOR.
- TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE INTERCONNECTING WIRING BETWEEN VARIABLE FREQUENCY CONTROLLER(S) AND EQUIPMENT.
- OUTSIDE AIR CONTROL DAMPER SHALL BE FACTORY MOUNTED IN AIR HANDLING UNIT. DAMPER OPERATORS PROVIDED BY TEMPERATURE CONTROL CONTRACTOR.
- RETURN AIR CONTROL DAMPER SHALL BE FACTORY MOUNTED IN AIR HANDLING UNIT. DAMPER OPERATORS PROVIDED BY TEMPERATURE CONTROL CONTRACTOR.
- PROVIDE NEW BUILDING AUTOMATION SYSTEM IN THIS AREA.
- BALANCE DAMPER TO 6000 CFM. COORDINATE WITH STRUCTURAL STEEL IN AREA. PROVIDE FIRE DAMPER IN WALL PENETRATION.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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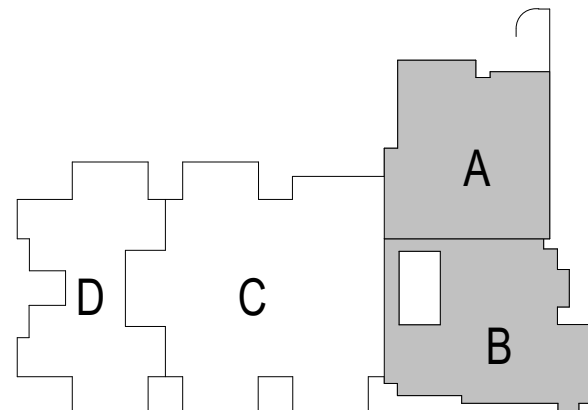
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KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: DJA
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM#1	2.23.2024

BOILER ROOM AND MECHANICAL
MEZZANINE

M4.01

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AIR-COOLED CONDENSING UNIT SCHEDULE													
MARK	ASSOCIATED EQUIPMENT	TOTAL MBH	SUCTION TEMP	AMBIENT TEMP	UNIT ELEC. DATA				WEIGHT (LBS)	COMPRESSOR			NOTES
					VOLTS	PH.	MCA	MCA		STAGES	QTY	REFRIGERANT	
ACCU-3	AHU-3	145.1	115	45.0	460	3	25	30	459.0	2	2	R-410A	1,2,3,4,5,6,7
ACCU-4	AHU-2	130.0	115	45.0	460	3	28	35	459.0	2	2	R-410A	1,2,3,4,6,7
ACCU-5	FCU-1	63.9	115	40.2	460	3	11	15	241.0	1	1	R-410A	1,2,3,4,6,7
NOTES: 1. CONDENSING UNIT AS MANUFACTURED BY TRANE. 2. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. 3. INCLUDE THE FOLLOWING ACCESSORIES, HIGH AMBIENT UNLOADER PRESSURE STAT, PROTECTIVE COIL GUARDS COMPLETELY AROUND ENTIRE UNIT, PHASE LOSS/VOLTAGE PROTECTION AND VIBRATION ISOLATORS. 4. UNIT SHALL INCLUDE FROST PREVENTION DEVICE TO BE INSTALLED AT COIL. 5. UNIT SHALL BE INSTALLED ON ROOF SUPPORT RAILS WITH VIBRATION ISOLATORS. COORDINATE EXACT LOCATION IN FIELD. 6. SINGLE POINT POWER CONNECTION. UNIT MANUFACTURER SHALL PROVIDE FACTORY MOUNTED DISCONNECT SWITCH. 7. REFRIGERANT PIPING SIZE AND QUANTITY PER MANUFACTURER'S REQUIREMENTS.													

AIR HANDLING UNIT SCHEDULE																																
				SUPPLY FAN DATA					HEATING HOT WATER COIL DATA								DX COIL DATA								ELECTRICAL					WEIGHT (LBS)	NOTES	
TAG	LOCATION	MANF.	MODEL	TOTAL AIR (CFM)	OUTSIDE AIR (CFM)	EXT. S.P.	TOTAL S.P.	HP	HEATING MBH	GPM	HTG EAT (°F)	HTG LAT (°F)	HTG EWT (°F)	HTG LWT (°F)	WPD (FT.HD)	APD (IN WC)	FACE VELOCITY	TOTAL MBH	SENSIBLE MBH	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	APD (IN WC)	FACE VELOCITY	FLA	SCCR	SERVICE				
																												VOLTS	HZ			PH
AHU-3	MECHANICAL MEZZANINE	TRANE	CSAA010	4500	675	1.5	3.75	5	142	7.0	60.9	90.0	180.0	140.0	0.19	0.105	490	145.1	112.0	76.7	63.9	54	52.9	0.92	463	6.7	5	460	60	3	1500	1,2,3,4,5,6,7,8,9,10,11
<div><div><div>1. REFER TO PROJECT MANUAL SECTION 23 73 13 FOR ADDITIONAL DETAILS AND SECTION 23 09 03 FOR CONTROL REQUIREMENTS.</div><div>2. SUPPLY FAN MOTOR(S) CONTROLLED WITH VARIABLE FREQUENCY CONTROLLERS(S).</div><div>3. REFER TO PLANS AND SCHEMATIC SHEETS FOR UNIT LAYOUT DETAILS.</div><div>4. MAXIMUM FILTER FACE VELOCITY SHALL BE 550 FPM.</div><div>5. MAXIMUM COOLING COIL FACE VELOCITY SHALL BE 550 FPM.</div></div><div><div>6. PROVIDE FACTORY MOUNTED CONVENIENCE OUTLETS AND INTERNAL LIGHTS AT EACH ACCESS DOOR.</div><div>7. PROVIDE CONVENIENCE OUTLET AND LIGHTS ON SEPARATE CIRCUITS.</div><div>8. DIRECT EXPANSION REFRIGERANT COOLING COIL CONTAINS R410-A REFRIGERANT.</div><div>9. COORDINATE SHIPPING SPLITS WITH FIELD CONDITIONS.</div></div><div><div>10. SINGLE POINT ELECTRICAL CONNECTION TO UNITS.</div><div>11. UNIT SHALL INCLUDE FACTORY MOUNTED BELLMOUTH FITTINGS.</div></div></div>																																

CONDENSING BOILERS SCHEDULE																										
TAG	MANUFACTURER	MODEL NUMBER	HEAT EXCHANGER CRITERIA & PERFORMANCE							DESIGN & RATED HEATING PERFORMANCE							FUEL			ELECTRICAL CRITERIA & PERFORMANCE					OPERATING WEIGHT (LBS)	NOTES
			SOLUTION TYPE	(%)	HHS FLOW		EWT (°F)	LWT (°F)	WPD		CAPACITY		MAXIMUM			DESIGN EFFICIENCY (%)	GAS TRAIN TYPE	MIN (IN.WC)	MAX (IN.WC)	SINGLE POINT						
					DESIGN (GPM)	MIN (GPM)			DESIGN (FT.HD)	MAX (FT.HD)	DESIGN (MBH)	MIN (%)	TEMP (°F)	RISE (°F)	PRESSURE (PSIG)					SERVICE			FLA (AMPS)	MOCP (AMPS)		
																				(VOLTS)	(HZ)	(PH)				
BLR-1	CONDENSING BOILER	CFC-E-3000	WATER	0	141	0	140	180	10	12	3000	10%	210	60	125	94.0	FM	7	14	120	60	1	2	20	3500	1,2,3,4
BLR-2	CONDENSING BOILER	CFC-E-3000	WATER	0	141	0	140	180	10	12	3000	10%	210	60	125	94.0	FM	7	14	120	60	1	2	20	3500	1,2,3,4
<div>NOTES:</div> <div><div>1. REFER TO PROJECT MANUAL SECTION.</div><div>2. SINGLE POINT POWER CONNECTION</div><div>3. ELECTRICAL REQUIREMENTS VARY BY UNIT MANUFACTURER.</div><div>4. PROVIDE DEDICATED 120V POWER CONNECTION FOR CONTROL PANEL.</div></div>																										

VARIABLE FREQUENCY CONTROLLER SCHEDULE						
MARK	EQUIPMENT SERVING	HP	SERVICE			NOTES
			(VOLT)	(HZ)	(PH)	
VFC-HWP-1	HWP-1	5	460	60	3	1,2,3,4
VFC-HWP-2	HWP-2	5	460	60	3	1,2,3,4
NOTES: 1. DRIVE PROVIDED AND INSTALLED BY THE DIVISION 23 - HVAC CONTRACTOR. 2. DIVISION 26 - ELECTRICAL CONTRACTOR TO PROVIDE POWER WIRING TO VFC AND FROM VFC TO MOTOR. 3. PROVIDED WITH A FACTORY MOUNTED DISCONNECT. 4. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.						

ENERGY RECOVERY VENTILATOR SCHEDULE																																			
GENERAL DATA					SUPPLY FAN DATA					EXHAUST FAN DATA					ENERGY WHEEL										ELECTRICAL			NOTES							
TAG	MANUFACTURER	MODEL NUMBER	TYPE	OPERATING WEIGHT (LB.)	CFM	ESP (IN.)	DRIVE	MOTOR HP	MCA	MOCP	CFM	ESP (IN.)	MOTOR HP	MCA	MOCP	SUMMER/COOLING						WINTER/HEATING							VOLTS	HZ	PH				
																OA		SA		RA		EA		OA		SA						RA		EA	
																DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB					DB	WB	DB	WB
ERV-1	GREENHECK	MINICORE-10-VG-P	INDOOR / HORIZONTAL	245	900	0.3	DIRECT	3/4	12.2	20	900	0.3	3/4	12.2	20	91.7	75.0	80.3	68.4	74.0	61.7	85.3	69.4	-2.0	-3.4	41.9	34.9	72.0	55.9	28.9	28.8	208	60	1	1,2,3,4,5,6
<div>NOTES:</div> <div><div>1. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.</div><div>2. UNIT PROVIDED WITH FACTORY MOUNTED NON-FUSED DISCONNECT SWITCH.</div><div>3. FANS TO BE CONTROLLED BY BAS CONTRACTOR. INTERLOCK WITH FAN COIL UNIT.</div><div>4. UNIT PROVIDED WITH TWO MERV 8 FILTERS.</div><div>5. VIBRATION ISOLATORS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR.</div><div>6. SEQUENCE INTAKE AND EXHAUST DAMPERS WITH ERV.</div></div>																																			

FAN COIL UNIT SCHEDULE																						
MARK	SUPPLY FAN				DX COOLING COIL				HEATING COIL								UNIT ELEC. DATA				NOTES	
	CFM	EXT. S.P.	TOTAL S.P.	MOTOR HP	TOTAL (MBH)	SENS. (MBH)	EAT (DB/WB)	LAT (DB/WB)	APD	EAT	LAT	MBH	GPM	EWT	LWT	APD	WPD	VOLTS	PH.	MCA		MCA
FCU-1	1500	0.4	1.25	1	62.2	38.7	77.8/65.8	54.2/51.9	0.33	54.0	92.8	63.1	3.0	180	140	0.08	0.40	208	1	9.7	20	1,2,3
NOTES: 1. UNIT TO BE INTERLOCKED WITH ERV-1. 2. UNIT MANUFACTURER SHALL PROVIDE FACTORY MOUNTED DISCONNECT SWITCH. 3. UNIT MANUFACTURER SHALL PROVIDE DISCHARGE ATTENUATOR.																						

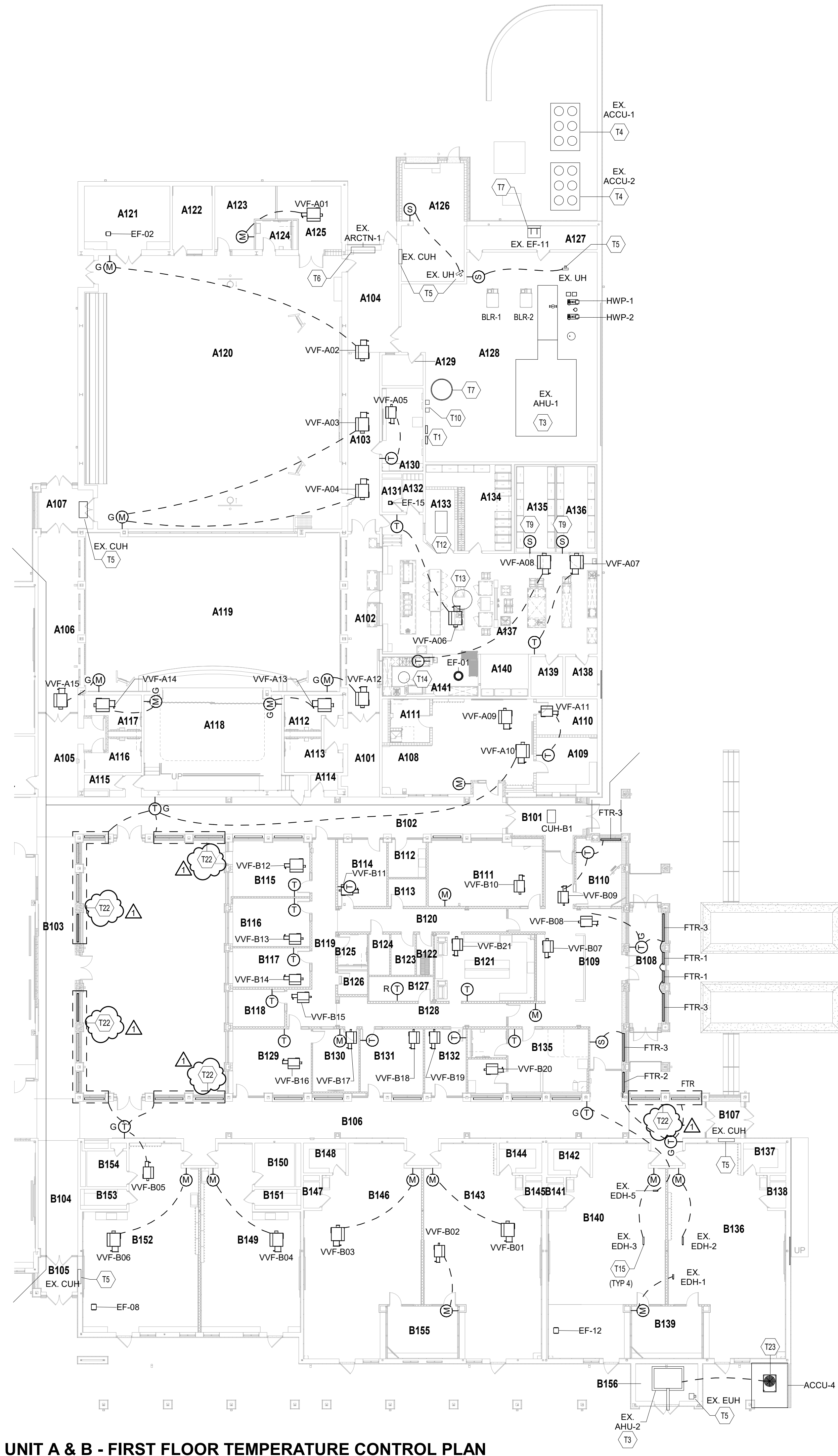
PUMP SCHEDULE																	
MARK	SYSTEM SERVED	TYPE	MIN FLOW GPM	GPM	HEAD FT.	MIN EFF. %	BHP@ DESIGN FLOW	SUCT. X DISCH.	IMPELLER DIAMETER	MOTOR				MANUF.	MODEL NUMBER	WEIGHT (LBS.)	NOTES
										RPM	HP	VOLT	PH				
HWP-1	HEATING HOT WATER	VARIABLE PRIMARY	37	120	75	69	3.21	2.5x2	8.625	1800	5	460	3	BELL & GOSSETT	E-1510 2BD	270	1,2,3,4,5
HWP-2	HEATING HOT WATER	VARIABLE PRIMARY	37	120	75	69	3.21	2.5x2	8.625	1800	5	460	3	BELL & GOSSETT	E-1510 2BD	270	1,2,3,4,5
NOTES:																	
1. REFER TO PROJECT MANUAL SECTION 232123.																	
2. PUMP SHALL BE SELECTED WITH 100% WATER.																	
3. PUMP CONTROLLED BY VARIABLE FREQUENCY CONTROLLER.																	
4. PUMPS WILL OPERATE IN PARALLEL. PUMP SHALL BE SIZED SUCH THAT IT DOES NOT RUN OFF ITS CURVE, WHEN OPERATING ALONE OUT AT THE SYSTEM CURVE.																	
5. SINGLE POINT POWER CONNECTION TO THE PUMP. PUMP DISCONNECT AND WIRING BETWEEN PUMP AND VFC BY DIVISION 26.																	

SPLIT SYSTEM SCHEDULE															
MARK	EVAPORATOR BLOWER						CONDENSER SECTION								NOTES
	CFM	EXT. S.P.	SENS. (MBH)	TOTAL (MBH)	EAT (DB/WB)	MANUFACTURER MODEL NUMBER	MARK	SEER	EAT	VOLTS	PH.	MOCP	MCA	MANUFACTURER MODEL NUMBER	
EVAP-1	635-705-775	0.2	21,000	30,000	80/67	TRANE TPKA0A0301KA70A	ACCU-6	19.8	95	208	1	25	19	TRANE TRUYA0301HA70NA	1-15
<u>NOTES:</u> 1. ENTERING AIR CONDITIONS 75 DB, 50% RH. 2. FURNISH WITH PRO-HEAT PLUS AND BASE PAN HEATER TO ACHIEVE OUTDOOR TEMPERATURE OPERATING RANGES: COOLING: 0°-115°F. 3. FURNISH WITH LOW AMBIENT CONTROL AND ADVANCED WIND BAFFLE KIT TO ACHIEVE OUTDOOR TEMPERATURE OPERATING RANGE: COOLING: -40°-115°F. 4. DIRECT DRIVE FAN. 5. EVAPORATOR SECTION COMPLETE WITH COIL, THERMOSTATIC EXPANSION VALVE AND FILTER DRIER. 6. UNIT SHALL BE COMPLETE WITH REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. 7. UNIT SELECTED WITH R410-A REFRIGERANT. 8. INDOOR UNIT TO BE WALL MOUNTED TYPE. SUPPORT UNIT FROM WALL BELOW CEILING. OUTDOOR UNIT SHALL BE MOUNTED ON EXISTING EQUIPMENT PAD SHOWN ON PLAN. 9. VARIABLE SPEED COMPRESSOR. 10. FURNISH WITH WIRELESS REMOTE CONTROLLER. 11. FURNISH WITH HAIL GUARDS. 12. UNIT SHALL INCLUDE SINGLE POINT POWER CONNECTION KIT. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH. 13. INCOMING POWER SHALL BE TO OUTDOOR UNIT. ELECTRICAL CONTRACTOR SHALL TAP OFF TO INDOOR UNIT. 14. UNIT SHALL BE PROVIDED WITH A CONDENSATE PUMP & OVERFLOW SWITCH, MOUNTED WITHIN THE UNIT COIL PAN. 120V/11: POWER. 8 FT. HEAD PUMP PRESSURE... 15. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.															

ROOFTOP VENTILATOR/INTAKE HOOD SCHEDULE						
MARK	THROAT LENGTH	THROAT WIDTH	MOTORIZED RELIEF CONTROL DAMPER	DRIP PAN	MODEL	NOTES
RV-01	12	18	YES	NO	FGI-12x18	1,2,3,4
RV-02	12	18	YES	NO	FGR-12x18	1,2,3,4
NOTES: 1. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. 2. HOODS SCHEDULED ARE AS MANUFACTURED BY GREENHECK (FABRA HOOD) 3. HOODS TO BE MOUNTED ON MINIMUM 18" HIGH ROOF CURB. 4. PROVIDE CUSTOM COLOR TO MATCH EXISTING ROOF.						

EXTERIOR WALL LOUVER SCHEDULE							
MARK	SIZE W X H	TOP OF LOUVER ELEVATION	TYPE	LOUVER PERF.			NOTES
				FREE AREA (SQ.FT)	MAX AIRFLOW (CFM)	MAX VELOCITY (FT/MIN)	
WL-01	48" X 32"	20'-0" ABOVE 1ST FLOOR	INTAKE	4.8	4500	938	1,2,3,4,5,6,7
WL-04	48" X 32"	20'-0" ABOVE 1ST FLOOR	RELIEF	4.8	2250	469	1,2,3,4,5,6,7
WL-05	48" X 32"	20'-0" ABOVE 1ST FLOOR	RELIEF	4.8	2250	469	1,2,3,4,5,6,7
NOTES: 1. REFER TO PROJECT MANUAL SECTION 089119. 2. SEAL ALL AROUND WITH SILICONE. 3. REFER TO INSTALLATION DETAILS ON ARCHITECTURAL DRAWING. 4. CUSTOM COLOR AS SELECTED BY ARCHITECT/ENGINEER. 5. COORDINATE SIZE AND LOCATION WITH ALL TRADES. 6. INSTALL WALL LOUVER AS HIGH AS POSSIBLE. FIELD VERIFY EXACT ELEVATION. 7. DRIP PAN TO EXTEND A MINIMUM OF 6" ON EACH SIDE OF WALL LOUVER.							

EXPANSION TANK/AIR SEPARATOR SYSTEM														
MARK NO.	SYSTEM	APPROX. ADDED SYSTEM VOLUME GAL.	SYSTEM TEMP. RANGE °F		PRV FILL PRESSURE AT TANK PSIG	MAX. OPERATING PRESSURE PSIG		MIN. TANK VOLUME GAL.	MIN. ACCEPT. VOLUME GAL.	100% OPER. WEIGHT LBS.	AIR SEPARATOR			TANK MANUFACTURER & MODEL NO.
			MIN.	MAX.		RELIEF VALVE	AT EXP. TANK				SIZE	GPM	WPD	
ET-1 ADS-1	HEATING HOT WATER	2100	50	200	12	60	55	128.2	73.6	891	4	250	1.2	BELL & GOSSETT B500
NOTES:														
1. AIR SEPARATOR WITH STRAINER SHALL HAVE TANGENTIAL INLET AND OUTLET.														
2. REFER TO SPECIFICATION 232113.														
3. EXPANSION TANKS SHALL BE SELECTED WITH 100% WATER.														



UNIT A & B - FIRST FLOOR TEMPERATURE CONTROL PLAN
SCALE: 1/16" = 1'-0"

ROOM LEGEND - UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	CORRIDOR	217 SF
A102	CORRIDOR	416 SF
A103	CORRIDOR	381 SF
A104	RECEIVING	350 SF
A105	CORRIDOR	262 SF
A106	CORRIDOR	522 SF
A107	VESTIBULE	151 SF
A108	CLASSROOM 34 - F.A.P.	728 SF
A109	SMALL GROUP	213 SF
A110	SENSORY	139 SF
A111	RESTROOM	109 SF
A112	WOMEN	112 SF
A113	MEN	109 SF
A114	IDF	29 SF
A115	CUST.	35 SF
A116	BOYS	103 SF
A117	GIRLS	105 SF
A118	STAGE	900 SF
A119	CAFETERIUM	2305 SF
A120	GYMNASIUM	4395 SF
A121	STORAGE	344 SF
A122	P.E. OFFICE	161 SF
A123	PARKS OFFICE	203 SF
A124	FAMILY RR	66 SF
A125	STORAGE	217 SF
A126	OUTDOOR STORAGE	470 SF
A127	ELECTRICAL	197 SF
A128	BOILER ROOM	2306 SF
A129	CUST. OFFICE	80 SF
A130	CUST. BREAKRM	216 SF
A131	TOILET	41 SF
A132	DRESSING	49 SF
A133	OFFICE	110 SF
A134	DRY GOODS	344 SF
A135	COOLER	235 SF
A136	FREEZER	235 SF
A137	KITCHEN	1480 SF
A138	LAUNDRY	80 SF
A139	CUST.	80 SF
A140	BREAKROOM	128 SF
A141	DISHWASHING	248 SF

ROOM LEGEND - UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	VESTIBULE	216 SF
B102	CORRIDOR	1194 SF
B103	CORRIDOR	625 SF
B104	CORRIDOR	290 SF
B105	VESTIBULE	95 SF
B106	CORRIDOR	1738 SF
B107	VESTIBULE	89 SF
B108	SECURE VESTIBULE	253 SF
B109	RECEPTION	901 SF
B110	SRO OFFICE	189 SF
B111	LARGE CONFERENCE	477 SF
B112	MOTHERS	91 SF
B113	TEST STOR. QUIET SPACE	69 SF
B114	SPEECH/HEARING	203 SF
B115	OT/PT OFFICE	272 SF
B116	SOCIAL WORKER	235 SF
B117	PSYCHOLOGIST	191 SF
B118	INST. COACH OFFICE	123 SF
B119	CORRIDOR	343 SF
B120	CORRIDOR	248 SF
B121	WORKROOM	418 SF
B122	MEZZANINE	43 SF
B123	IDF	62 SF
B124	ELEC	53 SF
B125	RR	58 SF
B126	CALM	44 SF
B127	STORAGE	100 SF
B128	CORRIDOR	261 SF
B129	PRINCIPAL'S OFFICE	332 SF
B130	SMALL CONFERENCE	183 SF
B131	ASST. PRINCIPAL'S OFFICE	262 SF
B132	E.C. SPEECH	174 SF
B133	RR	63 SF
B134	EXAM	84 SF
B135	CLINIC	315 SF
B136	KINDER - CR 1	1327 SF
B137	STORAGE	80 SF
B138	TOILET	29 SF
B139	SMALL GROUP	234 SF
B140	KINDER - CR 2	1321 SF
B141	TOILET	24 SF
B142	STORAGE	88 SF
B143	KINDER - CR 3	1329 SF
B144	STORAGE	80 SF
B145	TOILET	27 SF
B146	KINDER - CR 4	1327 SF
B147	TOILET	27 SF
B148	STORAGE	80 SF
B149	EARLY CHILD - CR 5	963 SF
B150	RESTROOM	110 SF
B151	STORAGE	59 SF
B152	EARLY CHILD - CR 6	1181 SF
B153	STORAGE	59 SF
B154	RESTROOM	90 SF
B155	SMALL GROUP	234 SF
B156	MECH	149 SF
B201	MECH. MEZZ.	388 SF

TEMPERATURE CONTROL PLAN GENERAL NOTES

- A. REFER TO SECTION 23 05 01 GENERAL REQUIREMENTS AND CONDITIONS FOR THE TRANSPORT, STORAGE, DEMOLITION, & INSTALLATION AS DESCRIBED HEREIN.
- B. **REPLACE BUILDING TEMPERATURE CONTROLS:** BUILDING TEMPERATURE CONTROL SYSTEM SHALL BE COMPLETE REPLACEMENT & UPGRADE OF EXISTING TO A MODERN ELECTRONIC DIRECT DIGITAL CONTROL (DDC) SYSTEM & COMPONENTS. REPLACEMENT SHALL INCLUDE ITEMS SUCH AS, BUT MAY NOT BE LIMITED TO, SHOWN & UNSHOWN, PNEUMATIC SYSTEM COMPRESSOR, COMPONENTS, & ACCESSORIES. EXPOSED PNEUMATIC TUBING, OPERATORS & ACTUATORS, LIMIT SWITCHES, SENSORS, CONTROLLED VALVES, VARIABLE FREQUENCY CONTROLLERS (VFCs/ VFDs), LOGIC CONTROLLERS, & OPERATOR INTERFACES. FOR ALL BELOW INDICATED NOTES, ALSO REFER TO SECTIONS 23060 & 23060 FOR ADDITIONAL CLARIFICATION & REQUIREMENTS.
- C. **BUILDING HEATING & COOLING PLANT CONTROLS:** TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE ITEMS SUCH AS, BUT NOT BE LIMITED TO, CONTROL EQUIPMENT, VALVES, ACTUATORS, SENSORS, DEVICES, COMPONENTS, & COORDINATION FOR NEW COMPLETE & FUNCTIONAL BUILDING TEMPERATURE CONTROL SYSTEM.
- D. **REMOVAL & SALVAGE:** UNLESS OTHERWISE NOTED, CONTRACTOR IS RESPONSIBLE TO REMOVE ALL UNUSED EQUIPMENT, COMPONENTS, MATERIALS, ETC. FROM SITE. IF ITEMS ARE OF REASONABLE QUALITY & CONDITION, CONFIRM ALL SALVAGED ITEMS w/OWNERS WRITTEN APPROVAL. LEAVE SALVAGED ITEMS IN UNOBTAINING LOCATION NEAR AREA OF REMOVAL.
- E. **EX. AIR HANDLER COIL CLEANING:** EXISTING AIR HANDLER COILS SHALL BE THOROUGHLY SWEEP & THEN WET CLEANED WITH A FOAMING, BIODEGRADABLE, ALKALINE COIL CLEANER WITH EPA REGISTERED MOLD AND MILDEW INHIBITORS. PROTECT EQUIPMENT & ADJACENT AREAS FROM DAMAGE. DURING CLEANING PROCEDURE, REPLACE FILTERS PRIOR TO REUSE OF EXISTING AIR HANDLERS.
- F. **EX. CABINET, CONVECTOR, & UNIT HEATER UPGRADES:** REPLACEMENT & ADDITIONAL COMPONENTS SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, TEMPERATURE SENSOR (FLAT PLATE), UNIT CONTROLLER, HEATING CONTROL VALVE, FAN POWER RELAY SWITCH, MOTOR CURRENT SENSOR, WIRE & CABLING.
- G. **EX. BUILDING EXHAUST FANS UPGRADES:** REPLACEMENT & ADDITIONAL COMPONENTS SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, UNIT CONTROLLER, MOTOR CURRENT SENSOR, FAN POWER RELAY SWITCH, TEMPERATURE SENSOR (FLAT PLATE) FOR TEMPERATURE-CONTROLLED FANS, SWITCHES FOR MANUALLY OPERATED FANS, WIRE & CABLING.
- H. **EX. WALL ROOF VENTS:** REPLACEMENT & ADDITIONAL COMPONENTS SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, UNIT CONTROLLER, PRESSURE SENSOR(S), WIRE & CABLING.
- I. **TEMP. CONTROL (WALL MTD) SENSORS/THERMOSTATS:** ANTICIPATED REPLACEMENT LOCATIONS FOR EXISTING TEMPERATURE CONTROL SYSTEMS AMBIENT SENSORS & THERMOSTATIC CONTROLLERS ARE SHOWN. SOME OF THESE LOCATIONS MAY BE SHOWN WHERE AN EXISTING DEVICE LOCATION IS UNKNOWN OR NOT CONFIRMED w/SITE CONDITIONS. REFER TO SECTIONS 23 09 00 & 23 09 03 FOR DEVICE REQUIREMENT(S) RELEVANT TO EQUIPMENT & ZONE INSTALLATIONS WHERE NEW INSTALLATION LOCATIONS OF DEVICES ARE NECESSARY. CONTRACTOR IS RESPONSIBLE TO IDENTIFY MOST APPROPRIATE NEW DEVICE LOCATION. CONTACT PROJECT ENGINEER IF CLARIFICATION BECOMES NECESSARY.
- J. THE SCHOOL CURRENTLY UTILIZES A PNEUMATIC TEMPERATURE CONTROLS SYSTEM RUN OFF JOHNSON CONTROLS.
- K. CONTRACTOR SHALL PROVIDE ALL NEW WIRING, DEVICES AND COMPONENTS.
- L. ALL EXISTING TEMPERATURE CONTROLS MATERIAL REMOVED SHALL BE DISPOSED OF OFF SITE.

TEMPERATURE CONTROL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- T3 REMOVE ALL EXISTING AIR HANDLING UNIT CONTROLS, SENSORS, SAFETIES, DAMPER OPERATORS AND CONTROL ACCESSORIES. EXISTING UNIT CONTROL, DAMPERS TO REMAIN IN PLACE. DISPOSE OF MATERIAL OFF SITE. PROVIDE NEW CONTROLS, SENSORS, SAFETIES, CONTROL DAMPER OPERATORS, ETC.
- T4 CONNECT EXISTING AIR COOLED CONDENSING UNIT INTO NEW BAS. PROVIDE NEW CONTROLS IF REQUIRED.
- T5 EXISTING UNIT HEATER EQUIPMENT TO REMAIN. ALL EXISTING TEMPERATURE CONTROLS, VALVES, SENSORS, ETC. SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS, VALVES, SENSORS, ETC.
- T6 EXISTING AIR CURTAIN TO REMAIN IN PLACE. ALL EXISTING TEMPERATURE CONTROLS, VALVES, SENSORS, ETC. SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS, VALVES, SENSORS, ETC.
- T7 EXISTING EXHAUST FAN TO REMAIN IN PLACE. ALL EXISTING TEMPERATURE CONTROLS SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS.
- T9 PROVIDE TEMPERATURE SENSOR IN NEW WALK-IN COOLER/FREEZER FOR MONITORING THROUGH BAS.
- T10 EXISTING VFD'S TO REMAIN. TIE INTO NEW BAS.
- T12 MAKE-UP AIR UNIT. COORDINATE WITH KITCHEN CONSULTANT FOR ADDITIONAL INFORMATION.
- T13 KITCHEN EXHAUST FAN. SEQUENCE WITH KITCHEN EQUIPMENT. COORDINATE WITH KITCHEN CONSULTANT FOR ADDITIONAL INFORMATION.
- T14 DISHWASHER EXHAUST FAN. SEQUENCE WITH DISHWASHER. COORDINATE WITH KITCHEN CONSULTANT FOR ADDITIONAL INFORMATION.
- T15 EXISTING DUCT MOUNTED ELECTRIC HEATER TO REMAIN IN PLACE. REMOVE ASSOCIATED CONTROLS, SENSORS, ETC. PROVIDE NEW CONTROLS, SENSORS, ETC.
- T22 EXISTING FIN-TUBE(S) TO REMAIN IN PLACE. ALL EXISTING TEMPERATURE CONTROLS, VALVES, ETC. SHALL BE REMOVED. DISPOSE OF ALL MATERIAL OFF SITE. PROVIDE NEW CONTROLS, CONTROL VALVES, ISOLATION VALVES, ETC. AS REQUIRED TO BEST CONTROL NEW FIN-TUBE LAYOUT.
- T23 TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE INTERCONNECTING CONTROL WIRING TO OUTDOOR CONDENSING UNIT.

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KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: DJA
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM#1	2.23.2024

1ST FLR TEMPERATURE CONTROL
PLAN - UNIT A & B

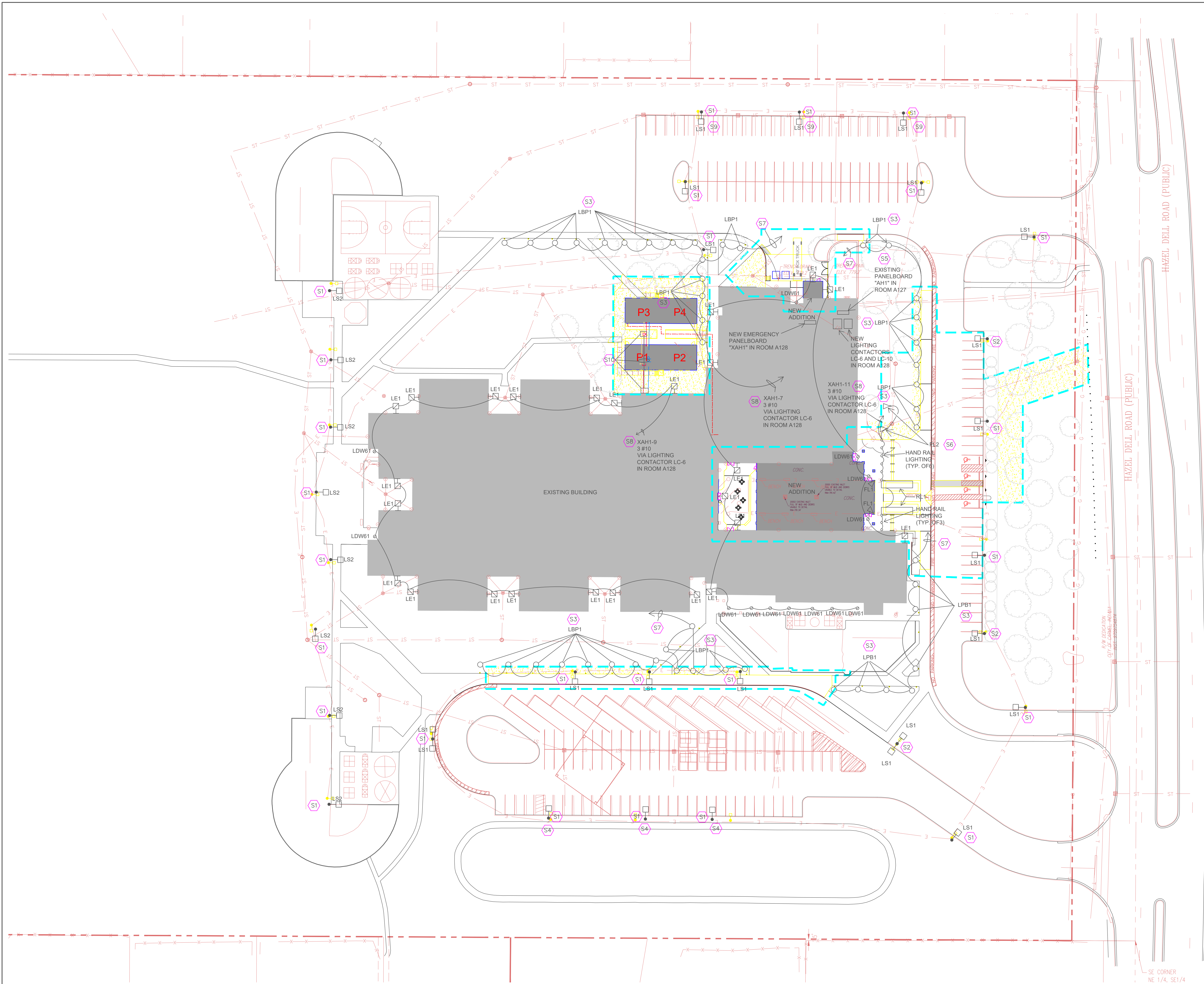
M6.01

VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

Drawing Path: J:\22011\00\Production\Electrical\Site Plan\ELECTRICAL SITE PLAN.dwg
Plotted By: regdanz Time of Plot: 2/23/24 - 10:15am Last Edited: 2/23/24 - 10:05am



ELECTRICAL SITE PLAN
1" = 40'-0"

PLAN NOTES:

- S1 DISCONNECT AND REMOVE EXISTING POLE AND LIGHT FIXTURE AT THIS LOCATION. PROVIDE A NEW POLE AND LIGHT FIXTURE MOUNTED ON THE EXISTING CONCRETE BASE.
- S2 PROVIDE A NEW LIGHT POLE AND CONCRETE BASE AT THIS LOCATION. WIRE NEW LIGHT POLE TO THE NEAREST EXISTING SITE LIGHTING CIRCUIT.
- S3 PROVIDE A NEW LIGHT BALLAST AND CONCRETE BASE AT THIS LOCATION.
- S4 THIS NEW LIGHT POLE IS TO BE PROVIDED WITH THREADED HUB AT THE MOUNTING HEIGHT OF THE SECURITY CAMERA. PROVIDE A HAND HOLE OPPOSITE OF THE THREADED HOLE.
- S5 EXISTING CIRCUITS THAT FEED THE NEW "LS1" SITE LIGHTING FIXTURES ARE TO BE RUN THROUGH THE NEW 10 POLE LIGHTING CONTACTOR "LC-10" LOCATED IN ROOM A128.
- S6 PROVIDE A NEW GROUND MOUNTED FLOOD LIGHT TO ILLUMINATE THE SCHOOL NAME ON THE FACE OF THE BUILDING.
- S7 WIRE THE BALLAST LIGHT FIXTURES "LBP1" TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING PANELBOARD "AH1" IN ROOM A127. RUN THROUGH NEW LIGHTING CONTACTOR "LC-10" IN ROOM A128.
- S8 NEW LIGHTING CONTACTOR LC-6 FOR THE BUILDING SECURITY LIGHTING, HANDRAIL LIGHTING, AND THE PLANTER RL1 LIGHTING IS TO BE A 6 POLE CONTACTOR.
- S9 THIS LIGHT FIXTURE IS TO BE PROVIDED WITH A 15 DEGREE ANGLE ARM.
- S10 RUN A 3-INCH CONDUIT FOR THE POWER TO THE ELECTRICAL PULL BOX BETWEEN THE TRAILERS, THEN RUN A 2-INCH CONDUIT FROM THE PULL BOX TO EAST TRAILER. RUN A 1-INCH CONDUIT FOR FIRE ALARM TO THE TECHNOLOGY PULL BOX BETWEEN TRAILERS, THEN A 1-INCH CONDUIT FROM THE PULL BOX TO EACH TRAILER. CONDUITS ARE TO BE RUN UNDERGROUND FROM THE PULL BOXES BACK TO THE BUILDING, THEN UP THE EXTERIOR WALL OF THE BUILDING AND STUBBED INTO THE CEILING SPACE. CONDUITS RUNNING UP THE EXTERIOR WALL ARE TO BE LOCATED TO MISS THE WINDOWS. VERIFY EXACT LOCATION IN THE FIELD.

1

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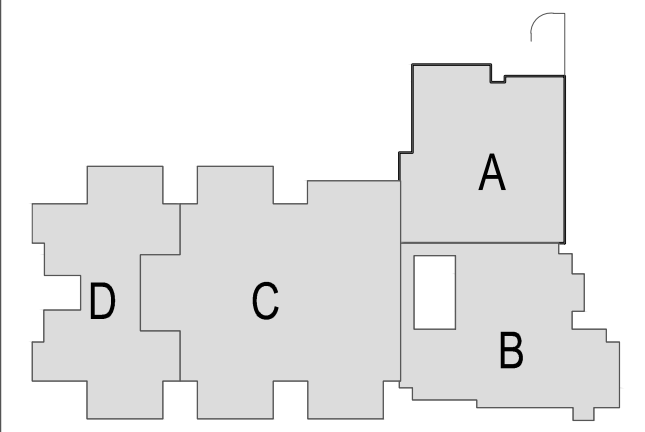
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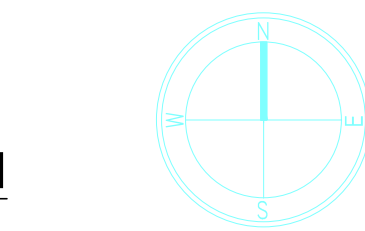
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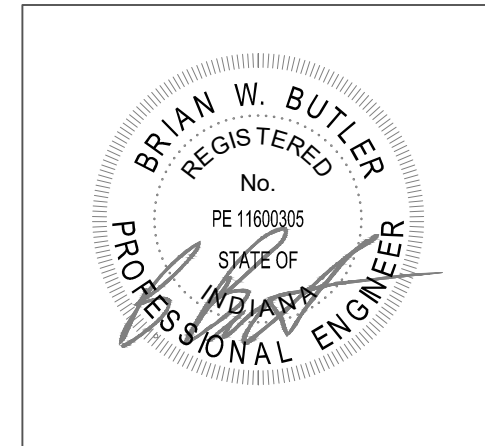
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KEY PLAN



BIDS



PROJECT MANAGER: SAM
DRAWN BY: RR
PROJECT NUMBER: 22011
PROJECT ISSUE DATE: 02/09/2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	02/23/24

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

ELECTRICAL SITE PLAN

E2.01



TECHNOLOGY PLAN NOTES

- GENERAL NOTE:**
ELECTRICAL RECEPTACLES SHOWN ON THE
TECHNOLOGY ROUGH-IN DRAWINGS ARE FOR
COORDINATION PURPOSES ONLY. REFER TO
ELECTRICAL POWER DRAWINGS FOR
RECEPTACLE ROUGH-IN REQUIREMENTS.

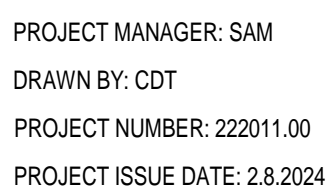
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CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE
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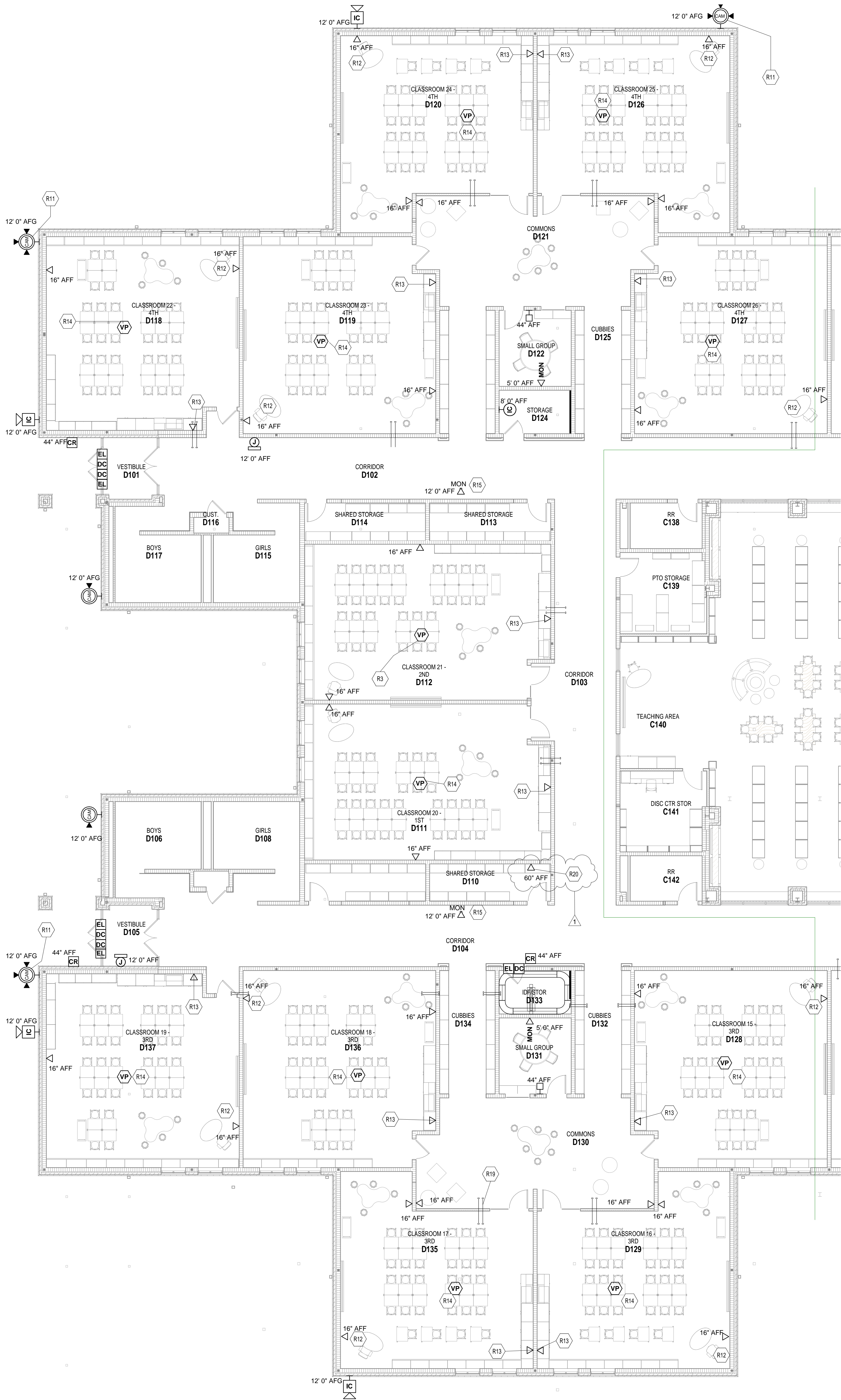
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**UNIT C - FIRST FLOOR TECHNOLOGY
ROUGH-IN PLAN**

E3.03

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UNIT D - FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT D		
ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	CORRIDOR	786 SF
D103	CORRIDOR	708 SF
D104	CORRIDOR	1132 SF
D105	VESTIBULE	87 SF
D106	BOYS	206 SF
D107	CUST.	15 SF
D108	GIRLS	203 SF
D109	SHARED STORAGE	119 SF
D110	SHARED STORAGE	119 SF
D111	CLASSROOM 20 - 1ST	989 SF
D112	CLASSROOM 21 - 2ND	989 SF
D113	SHARED STORAGE	120 SF
D114	SHARED STORAGE	119 SF
D115	GIRLS	204 SF
D116	CUST.	15 SF
D117	BOYS	205 SF
D118	CLASSROOM 22 - 4TH	965 SF
D119	CLASSROOM 23 - 4TH	981 SF
D120	CLASSROOM 24 - 4TH	878 SF
D121	COMMONS	648 SF
D122	SMALL GROUP	145 SF
D123	CUBBIES	189 SF
D124	STORAGE	83 SF
D125	CUBBIES	189 SF
D126	CLASSROOM 25 - 4TH	878 SF
D127	CLASSROOM 26 - 4TH	981 SF
D128	CLASSROOM 15 - 3RD	982 SF
D129	CLASSROOM 16 - 3RD	877 SF
D130	COMMONS	649 SF
D131	SMALL GROUP	145 SF
D132	CUBBIES	189 SF
D133	ID/STOR	83 SF
D134	CUBBIES	189 SF
D135	CLASSROOM 17 - 3RD	877 SF
D136	CLASSROOM 18 - 3RD	981 SF
D137	CLASSROOM 19 - 3RD	965 SF

TECHNOLOGY PLAN NOTES

- R3 COORDINATE WITH TECH CONTRACTOR TO CONFIRM ELECTRICAL NEEDS.
- R11 COORDINATE OUTDOOR CAMERA LOCATIONS WITH TECHNOLOGY CONTRACTOR BEFORE ROUGH-INS TO DETERMINE BEST LOCATIONS BECAUSE OF TREE COVER.
- R12 REMOVE ALL SURFACE MOUNT RACEWAY DATA PATHS AND REPLACE WITH 1 NEW 1 1/4" MINIMUM FLEX CONDUIT INSIDE EXISTING WALLS TO DATA ROUGH-IN BOX.
- R13 CLASSROOM SOUND/DATA LOCATION TO BE LOCATED AT 66" INSIDE TEACHER WARDROBE.
- R14 PROJECTOR POWER CAN BE COILED ABOVE FOR REUSE IN THE PROJECTOR CEILING PLATE.
- R15 HALLWAY CEILING MOUNTED MONITOR WILL NEED POWER PROVIDED. COORDINATE WITH TECH CONTRACTOR.
- R19 SEE DETAIL 2/E3.17 FOR CLASSROOM SLEEVE ROUGH-IN REQUIREMENTS PROVIDED BY ELECTRICAL CONTRACTOR.
- R20 COORDINATE WITH HVAC CONTRACTOR FOR TEMPERATURE CONTROL PANEL LOCATION ROUGH-INS.

GENERAL NOTE:
ELECTRICAL RECEPTACLES SHOWN ON THE TECHNOLOGY ROUGH-IN DRAWINGS ARE FOR COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL POWER DRAWINGS FOR RECEPTACLE ROUGH-IN REQUIREMENTS.

VERIFICATION NOTE:
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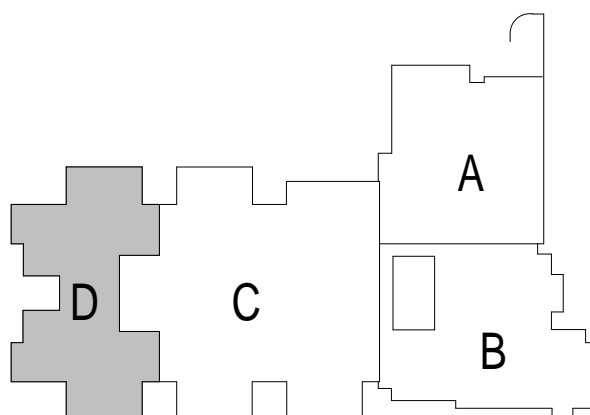


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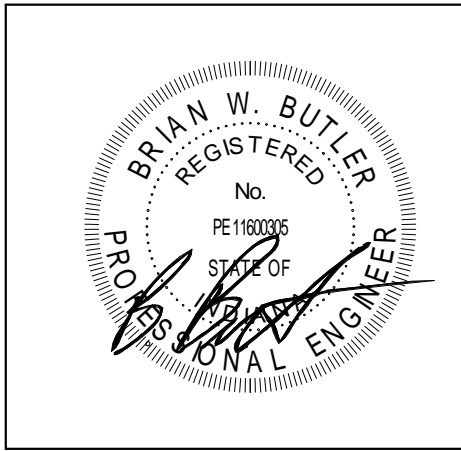
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KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: CDT
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 2.8.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

UNIT D - FIRST FLOOR TECHNOLOGY
ROUGH-IN PLAN

E3.04

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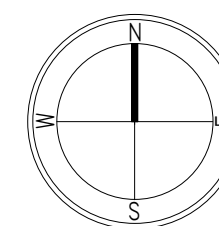
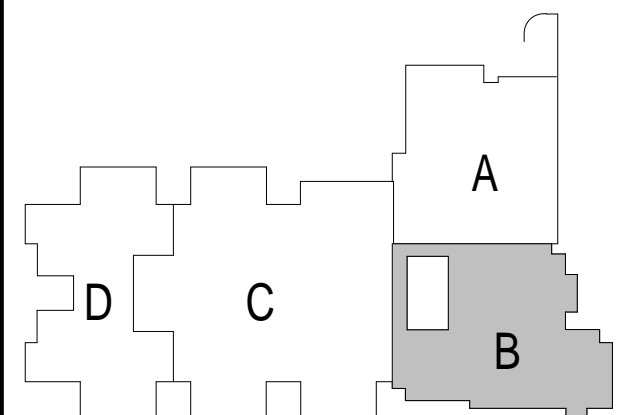


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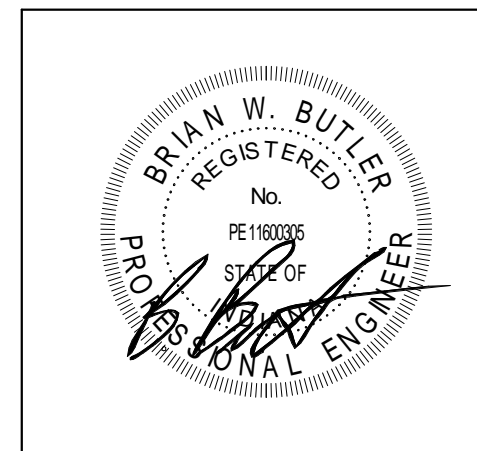
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KEY PLAN

BIDS



PROJECT MANAGER: SAM
DRAWN BY: CDT
PROJECT NUMBER: 222011.00
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REV. NO.	DESCRIPTION	DATE
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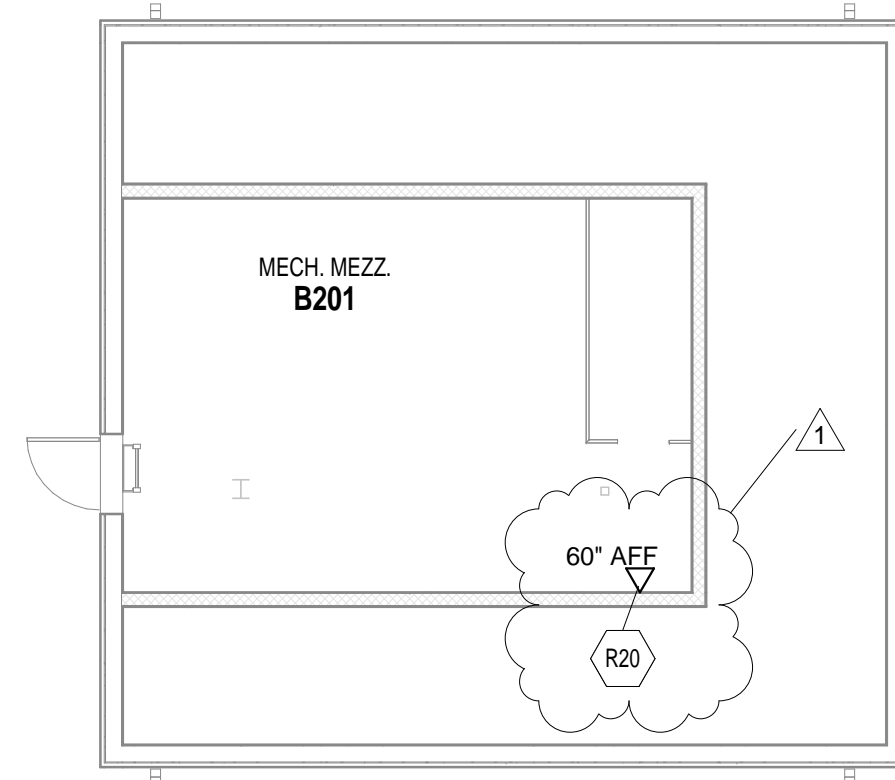
UNIT B - SECOND FLOOR
TECHNOLOGY ROUGH-IN PLAN

E3.10

ROOM LEGEND - SECOND FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	MECH. MEZZ.	389 SF

TECHNOLOGY PLAN NOTES

R20 COORDINATE WITH HVAC CONTRACTOR
FOR TEMPERATURE CONTROL PANEL
LOCATION ROUGH INS.



UNIT B - SECOND FLOOR TECHNOLOGY ROUGH-IN PLAN
SCALE: 1/8" = 1'-0"

VERIFICATION NOTE:
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DIMENSIONS, CLEARANCES AND EXISTING
FIELD CONDITIONS BEFORE STARTING
CONSTRUCTION. COMMENCEMENT OF WORK
CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE
ENCOUNTERED CONTACT THE ARCHITECT
BEFORE PROCEEDING WITH ANY WORK.

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RECEPTACLE ROUGH-IN REQUIREMENTS.

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CARMEL CLAY SCHOOLS

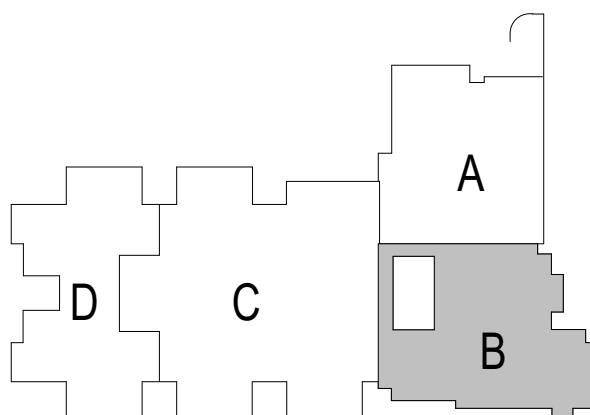


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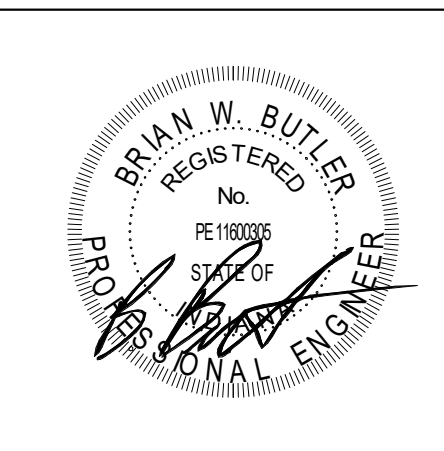
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KEY PLAN



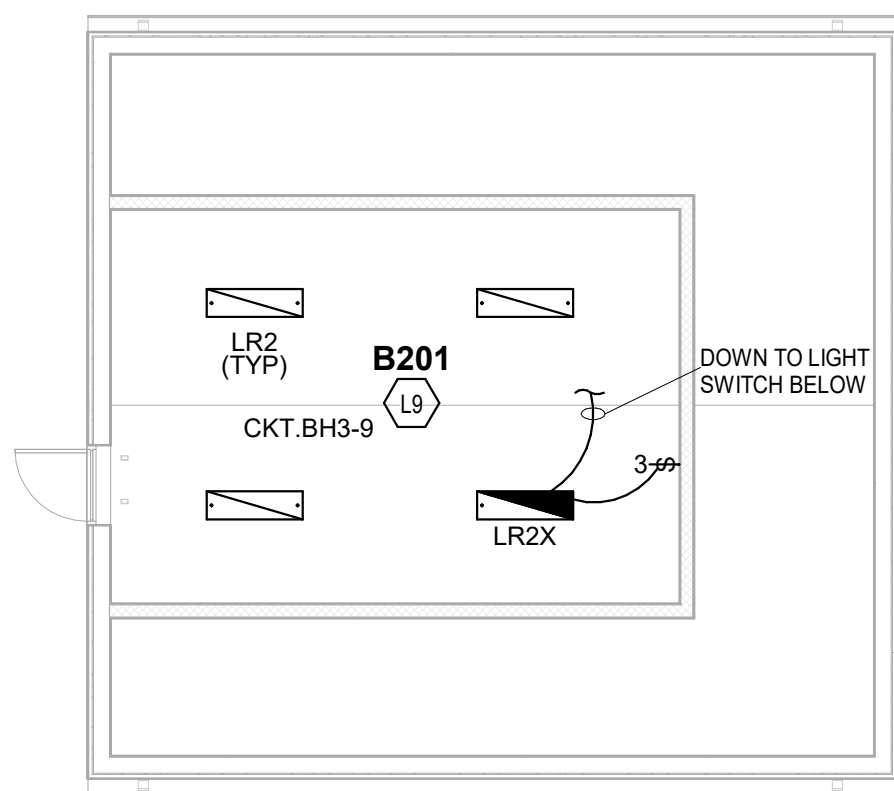
PROJECT MANAGER: SAM
DRAWN BY: ROR
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2-23-24

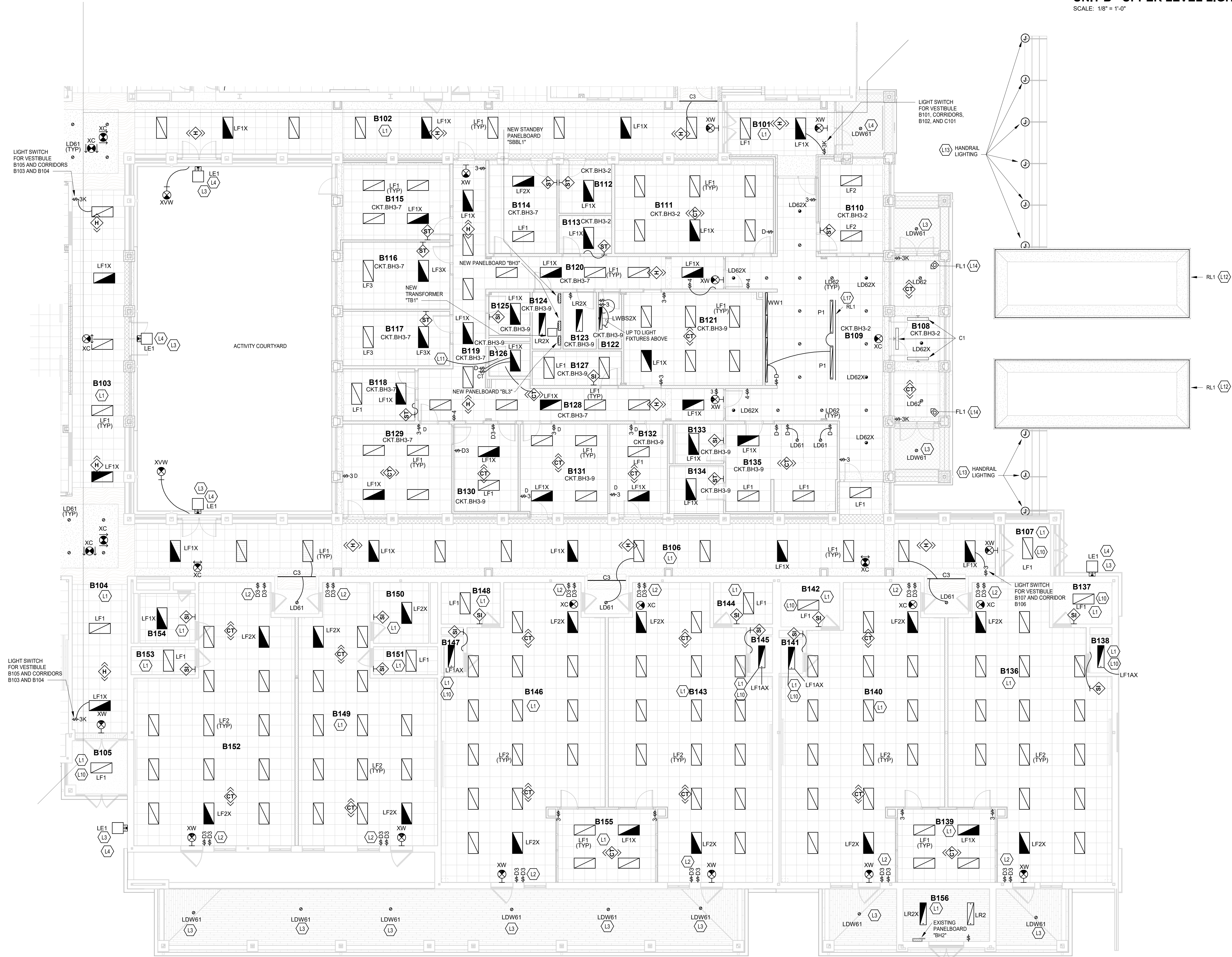
UNIT B - FIRST FLOOR LIGHTING
PLAN

E4.02

ALL EMERGENCY LIGHT FIXTURES
AND EXIT SIGNS IN THIS UNIT ARE
TO BE WIRED TO EMERGENCY
CIRCUIT "XAH1-4".



UNIT B - UPPER LEVEL LIGHTING PLAN
SCALE: 1/8" = 1'-0"



UNIT B - FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - LIGHTING

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRE SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "71E.02".
- LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGHOUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

KEYNOTES

- | | |
|-----|--|
| L1 | WIRE NEW LIGHTING IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT. |
| L2 | WIRE ONE DIMMER SWITCH TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND ONE DIMMER SWITCH TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM. |
| L3 | WIRE THE NEW EXTERIOR LIGHT FIXTURE TO NEW EMERGENCY PANELBOARD "XAH1". REFER TO DRAWING SHEET "E2.01" FOR ADDITIONAL REQUIREMENTS. |
| L4 | REFER TO THE ARCHITECTURAL EXTERIOR ELEVATION DRAWING SHEETS FOR MOUNTING HEIGHT OF LIGHT FIXTURE. |
| L9 | MOUNT LIGHT FIXTURES TO MEET MECHANICAL EQUIPMENT. |
| L10 | PROVIDE THIS LIGHT FIXTURE WITH A FLANGE CEILING KIT. |
| L11 | LIGHT FIXTURES IN THIS ROOM ARE TO BE TUNABLE WHITE 2700-5000K, 80-CRI, 0-10V DIMMING. REFER TO DETAIL "9E1.03" FOR ADDITIONAL REQUIREMENTS. |
| L12 | MOUNT THE R-1 TYPE LIGHT FIXTURE UNDER THE JUNCTION CAP OVERHANGS OF THE STONE CAP ON THE PLANTER WALL. REFER TO DRAWING SHEET "E2.01" FOR ADDITIONAL REQUIREMENTS. |
| L13 | ROUGH-IN FOR THE DECORATIVE METAL RAILINGS. REFER TO THE ARCHITECTURAL SPECIFICATION SECTION 057300 FOR ADDITIONAL ELECTRICAL REQUIREMENTS AND COORDINATE WITH THE RAILING INSTALLER FOR ALL RAILING LOCATIONS AND REQUIREMENTS. REFER TO DRAWING SHEET "E2.01" FOR ADDITIONAL REQUIREMENTS. |
| L14 | LIGHT FIXTURE TYPE "FL1" IS TO BE MOUNTED ON THE ROOF AND AIMED TO ILLUMINATE THE ENTRY TOWER. REFER TO DRAWING SHEET "E2.01" FOR ADDITIONAL REQUIREMENTS. |
| L17 | MOUNT LIGHT FIXTURE TYPE "RL1" UNDER THE COUNTERTOP IN THE GROOVE PROVIDED. REFER TO DETAIL "71A.07". |

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS



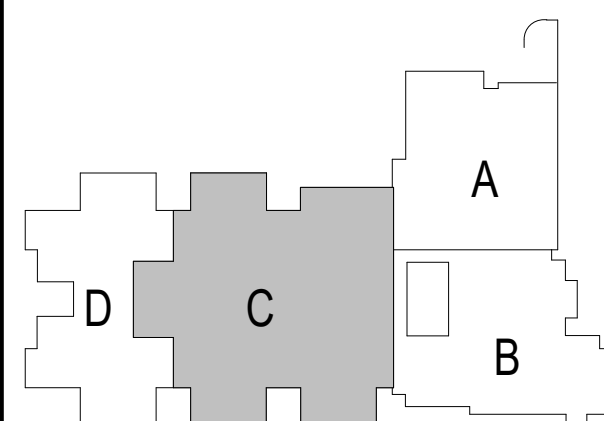
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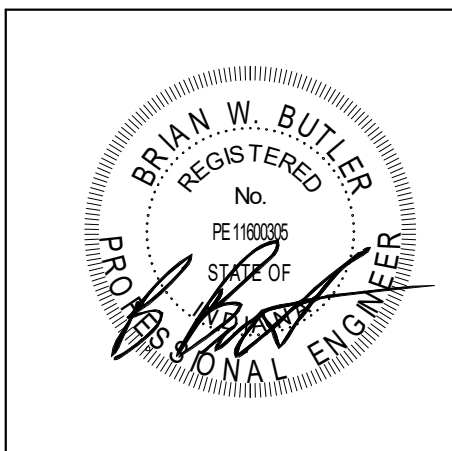
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KEY PLAN



PROJECT MANAGER: SAM
DRAWN BY: ROR
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2-23-24

UNIT C - FIRST FLOOR LIGHTING
PLAN

E4.03

ALL EMERGENCY LIGHT FIXTURES AND
EXIT SIGNS IN THIS UNIT ARE TO BE
WIRED TO EMERGENCY CIRCUIT
"XAH1-6".

ROOM LEGEND - FIRST FLOOR UNIT C		
ROOM NO.	ROOM NAME	AREA (SF)
C101	CORRIDOR	2434 SF
C102	CORRIDOR	2035 SF
C103	TV STUDIO	194 SF
C104	CLASSROOM 33 - MUSIC	1227 SF
C105	STORAGE	167 SF
C106	CLASSROOM 32 - ART	1192 SF
C107	KILN	60 SF
C108	STORAGE	235 SF
C109	MEN	151 SF
C110	WOMEN	148 SF
C111	CLASSROOM 31 - 5TH	982 SF
C112	CLASSROOM 29 - 5TH	878 SF
C113	CLASSROOM 30 - 5TH	981 SF
C114	COMMONS	648 SF
C115	SMALL GROUP	145 SF
C116	CUBBIES	189 SF
C117	ID/ELEC	82 SF
C118	CUBBIES	189 SF
C119	CLASSROOM 27 - 5TH	981 SF
C120	CLASSROOM 28 - 5TH	878 SF
C121	LARGE GROUP INSTRUCTION	1990 SF
C122	LGI STORAGE	143 SF
C123	RESOURCE / IA OFFICES	333 SF
C124	RR	63 SF
C125	RR	61 SF
C126	IT OFFICE/ MDF	278 SF
C127	BHVL THERAPIST	135 SF
C128	MLLI INTERVENTION	214 SF
C129	ST V THERAPIST	213 SF
C130	CALM	69 SF
C131	STAFF LOUNGE	683 SF
C132	CORRIDOR	451 SF
C133	GIRLS	195 SF
C134	CUST.	14 SF
C135	BOYS	196 SF
C136	STEAM LAB	1657 SF
C137	DISCOVERY CENTER	2676 SF
C138	RR	87 SF
C139	PTO STORAGE	181 SF
C140	TEACHING AREA	312 SF
C141	DISC CTR STOR	180 SF
C142	RR	80 SF
C143	KINDER - CR 35	1160 SF
C144	STORAGE	90 SF
C145	RR	65 SF
C146	GIRLS	196 SF
C147	CUST	15 SF
C148	BOYS	196 SF
C149	EARLY CHILD - CR 36	1119 SF
C150	RR	73 SF
C151	STORAGE	62 SF
C152	SENSORY	131 SF
C153	SHARED STORAGE	120 SF
C154	CLASSROOM 7 - 1ST	980 SF
C155	CLASSROOM 8 - 1ST	877 SF
C156	COMMONS	648 SF
C157	SMALL GROUP	145 SF
C158	CUBBIES	189 SF
C159	ELEC/STOR	83 SF
C160	CUBBIES	189 SF
C161	CLASSROOM 9 - 1ST	877 SF
C162	CLASSROOM 10 - 1ST	982 SF
C163	CLASSROOM 11 - 2ND	982 SF
C164	CLASSROOM 12 - 2ND	878 SF
C165	COMMONS	648 SF
C166	SMALL GROUP	145 SF
C167	CUBBIES	189 SF
C168	ELEC/STOR	83 SF
C169	CUBBIES	189 SF
C170	CLASSROOM 13 - 2ND	877 SF
C171	CLASSROOM 14 - 2ND	982 SF

GENERAL NOTES - LIGHTING

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
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- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SESMO CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "7E1.02".
- LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS TYP. IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGHOUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

LIGHT SWITCH FOR VESTIBULE
B107 AND
CORRIDOR B106

KEYNOTES

- | | |
|-----|--|
| L1 | WIRE NEW LIGHTING IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT. |
| L2 | WIRE ONE DIMMER SWITCH TO CONTROL THE ROW OF LIGHT FIXTURES AT THE TEACHING WALL AND ONE DIMMER SWITCH TO CONTROL ALL THE OTHER LIGHT FIXTURES IN THE ROOM. |
| L3 | WIRE THE NEW EXTERIOR LIGHT FIXTURE TO NEW EMERGENCY PANELBOARD "XAH1". REFER TO DRAWING SHEET "E2.01" FOR ADDITIONAL REQUIREMENTS. |
| L4 | REFER TO THE ARCHITECTURAL EXTERIOR ELEVATION DRAWING SHEETS FOR MOUNTING HEIGHT OF LIGHT FIXTURE. |
| L5 | NEW P2 AND P2X LIGHT FIXTURES ARE TO BE MOUNTED TO THE EXISTING BACKBOX LOCATION OF THE EXISTING LIGHT FIXTURES THAT WERE REMOVED. |
| L8 | CONTROL SWITCH AND POWER SOURCE JUNCTION BOX FOR THE DECORATIVE SUSPENDED LIGHTING STRUCTURE. |
| L10 | PROVIDE THIS LIGHT FIXTURE WITH A FLANGE CEILING KIT. |
| L11 | LIGHT FIXTURES IN THIS ROOM ARE TO BE TUNABLE WHITE 2700-5000K, 60CHL, 0-10V DIMMING. REFER TO DETAIL "E1.01" FOR ADDITIONAL REQUIREMENTS. |
| L15 | ARROW LOCATED ADJACENT TO THE D1 AND D1X LIGHT FIXTURES IN THIS ROOM INDICATES THE SLOPE "UP" OF THE ACOUSTICS PANEL OF THE LIGHT FIXTURE. THE COLOR NOTED IS THE ACOUSTICS COLOR SELECTION OF ALL THE D1 AND D1X LIGHT FIXTURES IN THIS ROOM. |
| L16 | LIGHT FIXTURES TYP C4 ARE TO BE MOUNTED UP IN THE COVE. |

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

UNIT C - FIRST FLOOR LIGHTING PLAN

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

CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS

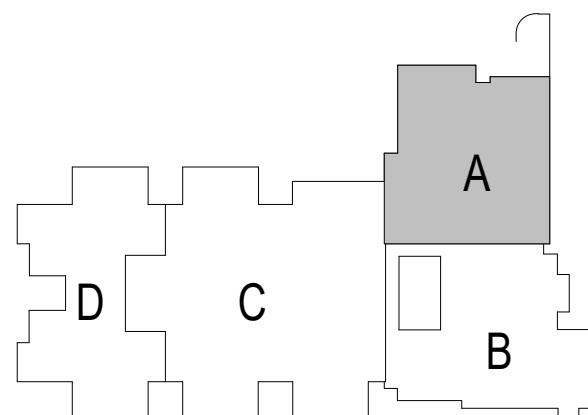


ARCHITECT

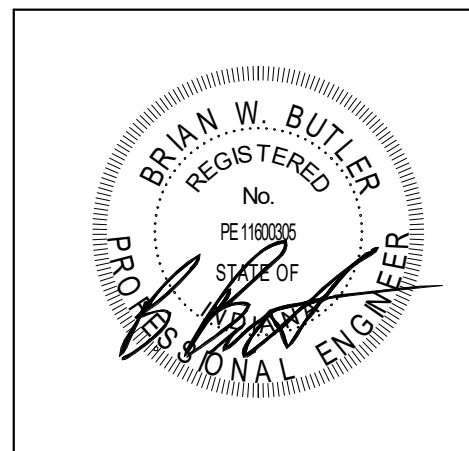
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HOWEY

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CONSULTANT



KEY PLAN



PROJECT MANAGER: SAM
DRAWN BY: RDR
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2-23-24

UNIT A - FIRST FLOOR POWER PLAN

E5.01

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	CORRIDOR	217 SF
A102	CORRIDOR	416 SF
A103	CORRIDOR	381 SF
A104	RECEIVING	350 SF
A105	CORRIDOR	262 SF
A106	CORRIDOR	522 SF
A107	VESTIBULE	151 SF
A108	CLASSROOM 34 - F.A.P.	728 SF
A109	SMALL GROUP	213 SF
A110	SENSORY	139 SF
A111	RESTROOM	109 SF
A112	WOMEN	112 SF
A113	MEN	109 SF
A114	IDF	29 SF
A115	CUST.	35 SF
A116	BOYS	103 SF
A117	GIRLS	105 SF
A118	STAGE	900 SF
A119	CAFETORIUM	2305 SF
A120	GYMNASIUM	4395 SF
A121	STORAGE	344 SF
A122	P.E. OFFICE	161 SF
A123	PARKS OFFICE	203 SF
A124	FAMILY RR	66 SF
A125	STORAGE	217 SF
A126	OUTDOOR STORAGE	470 SF
A127	ELECTRICAL	197 SF
A128	BOILER ROOM	2306 SF
A129	CUST. OFFICE	80 SF
A130	CUST. BREAKRM	216 SF
A131	TOILET	41 SF
A132	DRESSING	49 SF
A133	OFFICE	110 SF
A134	DRY GOODS	344 SF
A135	COOLER	235 SF
A136	FREEZER	235 SF
A137	KITCHEN	1480 SF
A138	LAUNDRY	80 SF
A139	CUST.	80 SF
A140	BREAKROOM	128 SF
A141	DISHWASHING	248 SF

GENERAL NOTES - POWER

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNERS ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
- VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 8" A.F.F. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
- CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- NEW ELECTRICAL DEVICES THAT ARE TO BE MOUNTED IN EXISTING WALLS ARE TO BE FLUSH MOUNTED BY RECESSING A NEW BACK BOX IN THE WALL, THEN FISHING FLEXIBLE CONDUIT DOWN THE WALL TO THE NEW BACK BOX OR BY REUSING AN EXISTING BACK BOX AND CONDUIT IN CLOSE PROXIMITY TO THE NEW ELECTRICAL DEVICE.
- ALL EXISTING DUPLEX RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES.
- ALL NEW ELECTRICAL DEVICES MOUNTED IN WALL WITH TACKABLE WALL SURFACE "TWS" ARE TO BE PROVIDED WITH AN EXTENSION RING ON THE BACKBOX.

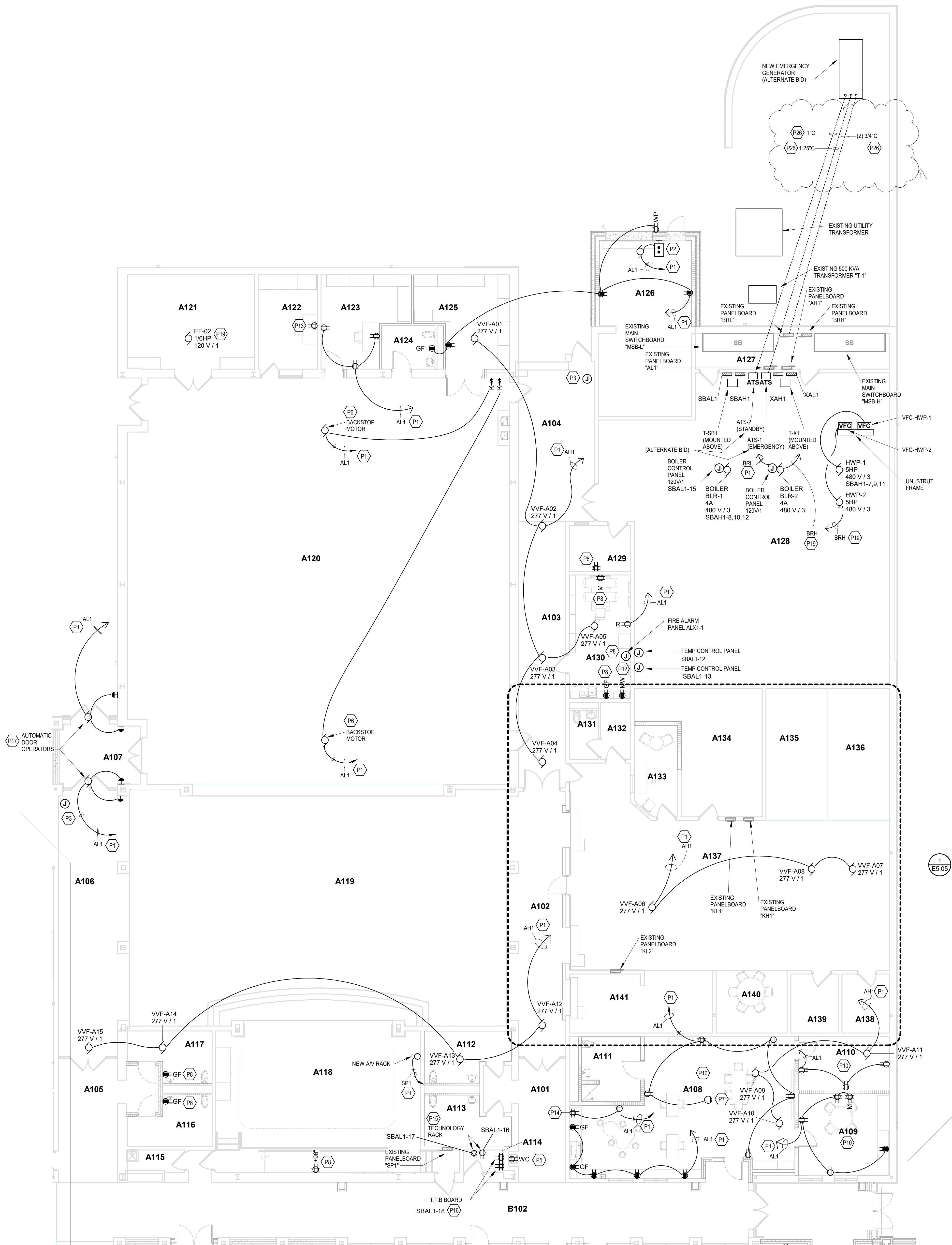
KEYNOTES

P1	WIRE TO A SPARE 20-AMP, 1-POLE CIRCUIT BREAKER IN EXISTING DESIGNATED PANELBOARD.
P2	CONTROLLER IS PROVIDED BY THE UNIT MANUFACTURER.
P3	SECURITY JUNCTION BOX MOUNTED ABOVE THE CEILING FOR THE DOOR SECURITY DEVICES AND POWER. WIRE TO THE NEAREST DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P5	EXISTING DUPLEX RECEPTACLE AT THIS LOCATION IS TO BE REPLACED WITH A NEW DUPLEX RECEPTACLE AND USED FOR NEW WATER COOLER.
P6	CONTROLLER FOR BACKSTOP ARE PROVIDED BY THE BACKSTOP MANUFACTURER. CONDUIT, BACKBOXES, AND WIRING FOR THE CONTROLLER AND BACKSTOP MOTOR ARE PROVIDED BY THE DIVISION 26 CONTRACTOR PER THE MANUFACTURER'S REQUIREMENTS.
P7	NEW CEILING MOUNTED DUPLEX RECEPTACLE FOR VIDEO PROJECTOR. COORDINATE EXACT LOCATION IN THE FIELD WITH VIDEO PROJECTOR LOCATION.
P8	WIRE NEW RECEPTACLE TO THE EXISTING RECEPTACLE CIRCUIT IN THIS ROOM.
P10	ALL NEW POWER RECEPTACLES IN THIS ROOM BELOW 5'-0" ARE TO BE TAMPER RESISTANT TYPE.
P12	MOUNT MICROWAVE RECEPTACLE ABOVE THE SHELF. THE MICROWAVE SITS ON. REFER TO ARCHITECTURAL ELEVATION "7A/108".
P13	THE EXISTING DUPLEX RECEPTACLE AND SINGLE GANG BACKBOX AT THIS LOCATION IS TO BE CHANGED TO A DOUBLE DUPLEX RECEPTACLE WITH A DOUBLE GANG BACKBOX.
P14	PROVIDE A DOUBLE DUPLEX RECEPTACLE ADJACENT TO THE TECHNOLOGY DATA BOX MOUNTED AT 66 INCHES A.F.F. BEHIND THE TEACHERS WARDROBE/TECHNOLOGY CABINET. REFER TO DETAILS ON DRAWING SHEET 47-18 FOR EXACT MOUNTING LOCATION PRIOR TO ROUGH-IN OF BACKBOX.
P15	TECHNOLOGY RACK (IDF) RECEPTACLES. COORDINATE MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.
P16	TECHNOLOGY RACK (IDF) BACKBOARD RECEPTACLES. REFER TO DETAIL "2E1.02" FOR MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS. PROVIDE #10 CONDUCTORS.
P17	AUTOMATIC DOOR OPERATOR MOTOR, PUSHBUTTONS AND KEYED SWITCH BY UNIT MANUFACTURER. CONDUIT, BACKBOXES, AND POWER WIRING ARE PROVIDED BY THE DIVISION 26 CONTRACTOR PER THE MANUFACTURER'S REQUIREMENTS. LOCATIONS SHOWN ON THIS DRAWING ARE FOR REFERENCE ONLY. VERIFY EXACT LOCATIONS WITH OPERATOR INSTALLER PRIOR TO ROUGH-IN.
P19	WIRE NEW MECHANICAL UNIT TO EXISTING CIRCUIT(S) AT THIS LOCATION, FROM THE MECHANICAL UNIT THAT WAS REMOVED.
P28	GENERATOR CONDUITS ARE UNDER THE BASE BOX.

VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



UNIT A - FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS

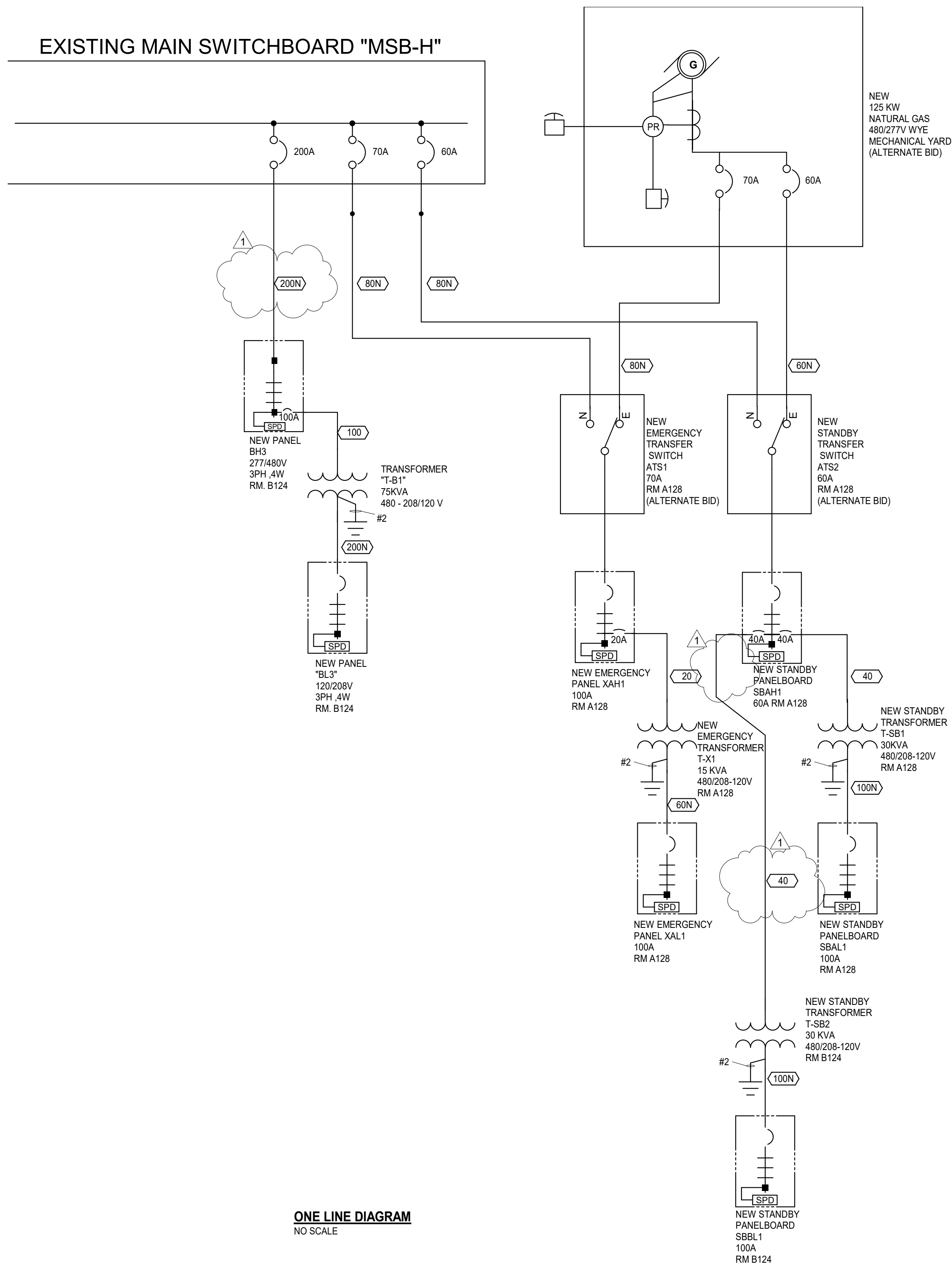


ARCHITECT



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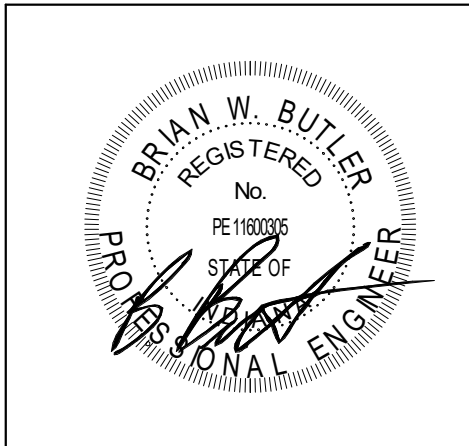


COPPER FEEDER SCHEDULE						
SOURCE 2014 NEC T310.15(B)(16), COPPER 75C, (THHW, THWN, 90AWG)						
X	NO.	CONDUCTOR SIZE			CONDUIT	
FEEDER	OF	PHASE	NEUTRAL	GROUND	SIZE	
LEGEND	SETS	QTY	(1)	(1)	Ktches	
15	1	3 # 14	#14	#14	3/4	
19N	1	3 # 12	#12	#12	3/4	
20	1	3 # 12	#12	#12	3/4	
20N	1	3 # 10	#10	#10	3/4	
30	1	3 # 10	#10	#10	3/4	
30N	1	3 # 8	#8	#8	3/4	
40	1	3 # 8	#8	#8	3/4	
40N	1	3 # 6	#6	#6	1	
60	1	3 # 6	#6	#6	1 1/4	
60N	1	3 # 4	#4	#4	1 1/4	
80	1	3 # 4	#4	#4	1 1/2	
80N	1	3 # 3	#3	#3	1 1/2	
100N	1	3 # 3	#3	#3	2	
125	1	3 # 1	#1	#1	2	
125N	1	3 # 1	#1	#1	2	
150	1	3 # 10	#10	#10	2	
150N	1	3 # 10	#10	#10	2	
175	1	3 # 20	#20	#20	2	
175N	1	3 # 20	#20	#20	2	
200	1	3 # 30	#30	#30	2	
200N	1	3 # 30	#30	#30	2	
225	1	3 # 40	#40	#40	2 1/2	
225N	1	3 # 40	#40	#40	2 1/2	
250	1	3 # 250	#250	#250	3	
250N	1	3 # 250	#250	#250	3	
300	1	3 # 350	#350	#350	4	
300N	1	3 # 350	#350	#350	4	
350	1	3 # 500	#500	#500	4	
350N	1	3 # 500	#500	#500	4	
400	1	3 # 600	#600	#600	4	
400N	1	3 # 600	#600	#600	4	
500	2	3 # 250	#250	#250	3	
500N	2	3 # 250	#250	#250	3	
600	2	3 # 350	#350	#350	4	
600N	2	3 # 350	#350	#350	4	
800	2	3 # 600	#600	#600	4	
800N	2	3 # 600	#600	#600	4	
1000	3	3 # 400	#400	#400	3	
1000N	3	3 # 400	#400	#400	3	
1200	3	3 # 600	#600	#600	4	
1200N	3	3 # 600	#600	#600	4	
1600	4	3 # 600	#600	#600	4	
1600N	4	3 # 600	#600	#600	4	
2000	5	3 # 600	#600	#600	4	
2000N	5	3 # 600	#600	#600	4	
2500	6	3 # 600	#600	#600	4	
2500N	6	3 # 600	#600	#600	4	
3000	7	3 # 600	#600	#600	4	
3000N	7	3 # 600	#600	#600	4	
3300	8	3 # 600	#600	#600	4	
3300N	8	3 # 600	#600	#600	4	
3700	9	3 # 600	#600	#600	4	
3700N	9	3 # 600	#600	#600	4	

ONE LINE DIAGRAM
NO SCALE

ONE LINE DIAGRAM SYMBOLS

	MAIN LUG ONLY CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		DIGITAL ELECTRONIC POWER METER		COMBINATION MAGNETIC MOTOR STARTER WITH FUSED SWITCH		FUSED SWITCH IN SWITCHBOARD, 3P UNO		FUSED POTENTIAL TRANSFORMER
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		KIRK KEY INTERLOCK		COMBINATION MAGNETIC MOTOR STARTER WITH CIRCUIT BREAKER		DISCONNECT SWITCH IN SWITCHBOARD, 3P UNO		CURRENT TRANSFORMERS, 3 UNO
	THROUGH FEED LUGS CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		UTILITY METER		COMBINATION MAGNETIC MOTOR STARTER WITH MOTOR CIRCUIT PROTECTOR		FUSED BOLTED PRESSURE SWITCH WITH GROUND FAULT AND SINGLE PHASE PROTECTION, 3P UNO		CAPACITOR
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		TRANSFER SWITCH		MOLDED CASE CIRCUIT BREAKER, 3P UNO		EARTH GROUND		LIGHTNING ARRESTER
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SUB-FEED BREAKER, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		INSULATED CASED POWER CIRCUIT BREAKER WITH L.I.S.G. PROTECTION FEATURES, 3P UNO		DRAWOUT CIRCUIT BREAKER, 3P UNO		PLUG AND RECEPTACLE OR DRAWOUT DEVICE		POWER TRANSFORMER
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH INTEGRAL BUS CONNECTED SPD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		SHUNT TRIP OPERATED CIRCUIT BREAKER		3 PHASE MOTOR. X INDICATES HORSEPOWER OR KILOWATTS		CONTROL PANEL, FURNISHED UNDER DIVISION 25		GENERATOR
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		COMBINATION MAGNETIC MOTOR STARTER WITH ELECTRONIC OVERLOADS						



PROJECT MANAGER: SAM
DRAWN BY: RDR
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 02.09.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2-23-24

ELECTRICAL ONE-LINE DIAGRAM

E7.01

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- LUMINAIRE SCHEDULE - GENERAL NOTES
1. SEE SPECIFICATIONS FOR DRIVER REQUIREMENTS.

2. FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.

3. CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY BATTERY UNITS AND PROVIDE REQUIRED QUANTITY OF EMERGENCY BATTERY UNITS, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY BATTERY UNITS.

4. LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR DRIVER COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

5. COLOR TEMPERATURE FOR ALL FIXTURES IS TO BE 4000K UNLESS NOTED OTHERWISE.

6. UNDER THE ALTERNATE BID FOR THE EMERGENCY GENERATOR ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS ARE TO BE PROVIDED WITH AN EMERGENCY TRANSFER DEVICES. UNDER THE BASE BID THEY ARE TO BE PROVIDED WITH AN EMERGENCY BATTERY UNIT.

LUMINAIRE SCHEDULE										
PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	NO.	LAMPS		LUMENS	APPLIED	DESCRIPTION	VA LOAD	
				WATTS	TYPE		VOLTAGE			
C1	INSIGHT LIGHTING MX SERIES	SURFACE WALL	1	36.0 W	LED	0 lm	277 V	4-FOOT ADJUSTABLE MEDIUM OUTPUT. WALL MOUNTED LED UPLIGHT ASYMMETRIC FIXTURE. TEXTURED WHITE.	36 VA	
C2	JESCO LIGHTING DL-AC-FLEXZ-BEAM SERIES	COVE	1	5.5 W	LED	314 lm	277 V	FLEXIBLE LINEAR LED STRIP LIGHTING MOUNTED IN COVE.	5.5 VA	
C3	EXTANT HTG-IR-LP SERIES	RECESSED	1	1.8 W	LED	143 lm	277 V	1.5 - INCH APERTURE RECESSED LED TRIMLESS FIXTURE. LENGTH PER DRAWINGS. INTEGRAL DRIVER, MUD RING.	1.8 VA	
C4	MODALIGHT ELY SERIES	COVE	1	19.0 W	LED	1966 lm	277 V	4-FOOT LED COVE LIGHT FIXTURES ADJUSTABLE 120 DEGREE BEAM ANGLE.	19 VA	
D1	ALIGHT LEAN SERIES	RECESSED	1	40.0 W	LED	3704 lm	277 V	2BY2 INDIRECT RECESSED LAY-IN, WITH ACOUSTIC COLOR OPTION AS SHOWN ON DRAWINGS.	40 VA	
D1X	ALIGHT LEAN SERIES	RECESSED	1	40.0 W	LED	3704 lm	277 V	2BY2 INDIRECT RECESSED LAY-IN, WITH ACOUSTIC COLOR OPTION AS SHOWN ON DRAWINGS. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	40 VA	
DSC1	FLUXWERX PORTAL TC1 SERIES	RECESSED	1	9.0 W	LED	1300 lm	277 V	5.5 INCH MEDIUM BEAM. 80 CRI. WHITE POWDER COAT FIXTURE/TRIM FINISH AND OPTIC CHANNEL FINISH.	9 VA	
FL1	LUMARK NFLR-D-3 SERIES STONECO FL30 SERIES	BRACKET MOUNTED	1	20.0 W	LED	2682 lm	277 V	ROOFTOP MOUNTED LED FLOOD LIGHT AIMED TO ILLUMINATE THE ENTRY TOWER.	20 VA	
FL2	COOPER INVUE VFS SERIES	GROUND MOUNTED	1	46.0 W	LED	4132 lm	277 V	GROUND MOUNTED LED FLOOD LIGHT AIMED TO ILLUMINATE TO THE LETTERS ON THE FACE OF THE BUILDING. WIDE SYMMETRIC RECTANGULAR DISTRIBUTION.	46 VA	
LCD41	PORTFOLIO LENA8 SERIES GOTHAM INCITO 4 SERIES PRESCOLITE LTC-4RD SERIES	PENDANT	1	12.0 W	LED	1000 lm	277 V	4-INCH APERTURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT. SURFACE MOUNTED WITH NO STEM. MEDIUM DISTRIBUTION. CLEAR SPECULAR REFLECTOR. 0-10VDC DIMMING FIXTURE HOUSING WHITE IN COLOR.	12 VA	
LD61	PORTFOLIO LDBA SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES	RECESSED	1	22.0 W	LED	1500 lm	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT. MEDIUM DISTRIBUTION. CLEAR SPECULAR FINISH. SELF-FLANGED. 0-10VDC DIMMING. BAR HANGER ACCESSORY. FIXTURES IN SERVING AREA ARE TO BE EITHER 3000K OR 3500K AS NOTED. ALL OTHER INSTANCES TO BE 4000K	19 VA	
LD61X	PORTFOLIO LDBA SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES	RECESSED	1	22.0 W	LED	1500 lm	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT. MEDIUM DISTRIBUTION. CLEAR SPECULAR FINISH. SELF-FLANGED. 0-10VDC DIMMING. BAR HANGER ACCESSORY. WITH EMERGENCY TRANSFER DEVICE.	22 VA	
LD62	PORTFOLIO LDBA SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES	RECESSED	1	22.0 W	LED	2000 lm	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT. MEDIUM DISTRIBUTION. CLEAR SPECULAR FINISH. SELF-FLANGED. 0-10VDC DIMMING. BAR HANGER ACCESSORY. FIXTURES IN SERVING AREA ARE TO BE EITHER 3000K OR 3500K AS NOTED. ALL OTHER INSTANCES TO BE 4000K	19 VA	
LD62X	PORTFOLIO LDBA SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES	RECESSED	1	22.0 W	LED	2000 lm	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT. MEDIUM DISTRIBUTION. CLEAR SPECULAR FINISH. SELF-FLANGED. 0-10VDC DIMMING. BAR HANGER ACCESSORY. WITH EMERGENCY TRANSFER DEVICE.	22 VA	
LDW61	PORTFOLIO LDBA SERIES GOTHAM EVO SHOWER SERIES PRESCOLITE LF6LEDG4 SERIES	RECESSED	1	15.0 W	LED	1000 lm	277 V	6-INCH ROUND APERTURE LED SHOWER LIGHT WITH REGRESSED LENS REFLECTOR. WHITE REFLECTOR AND TRIM. SELF-FLANGED. IP65 WET LOCATION LISTED.	15 VA	
LE1	McGRAW-EDISON LIGHTING GARDCO LIGHTING LITHONIA LIGHTING SPAULDING LIGHTING BEACON GEOPAK SERIES	SURFACE WALL	1		LED		277 V	HALF-CYLINDER LED WALL MOUNTED LUMINAIRE WITH DIE CAST ALUMINUM HOUSING. BOTTOM DIFFUSER FLUSH WITH THE DIE CASTING. TYPE 3 DISTRIBUTION. 70 CRI LEDS. LUMINAIRE COLOR: FROM MANUFACTURER STANDARD COLORS. MOUNT ONTO JUNCTION BOX. VANDAL RESISTANT	20 VA	
LF1	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING.	39 VA	
LF1A	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 lm	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING.	39 VA	
LF1AX	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 lm	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. EMERGENCY TRANSFER DEVICE.	39 VA	
LF1X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. EMERGENCY TRANSFER DEVICE.	39 VA	
LF1XA	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	39.0 W	LED	4000 lm	277 V	1 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. EMERGENCY TRANSFER DEVICE.	39 VA	
LF2	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING.	47 VA	
LF2X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. EMERGENCY TRANSFER DEVICE.	47 VA	
LF3	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	53.0 W	LED	6000 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING.	53 VA	
LF3X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	53.0 W	LED	6000 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. EMERGENCY TRANSFER DEVICE.	53 VA	
LFW2	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING. DAMP LOCATION.	47 VA	
LFW2X	LITHONIA CPX SERIES COLUMBIA CFP SERIES EATON METALUX CGT SERIES	RECESSED	1	47.0 W	LED	4800 lm	277 V	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME. 1% 0-10V DIMMING WITH AN EMERGENCY TRANSFER DEVICE. DAMP LOCATION	47 VA	
LPB1	COOPER INVUE METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	BALLARD	1	37.0 W	LED	1276 lm	277 V	36 - INCH TALL BALLARD. DIE CAST ALUMINUM HOUSING SYMETRIC DISTRIBUTION.	37 VA	
LR2	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48.0 W	LED	4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE. ACRYLIC PRISMATIC DIFFUSER. 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	27 VA	
LR2X	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48.0 W	LED	4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE. ACRYLIC PRISMATIC DIFFUSER. 0-10VDC DIMMING. WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	27 VA	
LR4	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	87.0 W	LED	7000 lm	277 V	4-FOOT WRAP LED AROUND FIXTURE. ACRYLIC PRISMATIC DIFFUSER. 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	87 VA	
LR4X	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	87.0 W	LED	7000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE. ACRYLIC PRISMATIC DIFFUSER. 0-10VDC DIMMING. WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	116 VA	
LS1	LITHONIA DSX2 SERIES MCGRAW EDISON GALEON SERIES BEACON VIPER L SERIES	25'-0" ROUND TAPERED POLE	1	270.0 W	LED	27301 lm	277 V	POLE MOUNTED LED FIXTURE ON A 25'-0" TALL POLE. CLEAR LENS. 70+CRI, 4000K, TYPE 3 DISTRIBUTION.	270 VA	
LS2	LITHONIA DSX2 SERIES MCGRAW EDISON GALEON SERIES BEACON VIPER L SERIES	15'-0" ROUND TAPERED POLE	1	180.0 W	LED	20000 lm	277 V	POLE MOUNTED LED FIXTURE ON A 15'-0" TALL POLE. CLEAR LENS. 70+CRI, 4000K, TYPE 3 DISTRIBUTION.	180 VA	
LT044H	MARK ARCHITECTURAL SLOT 4 LED SERIES LUMENWERX VIA 4 SERIES LITECONTROL MOD 4 LED SERIES	RECESSED	1	40.0 W	LED	4000 lm	277 V	4" BY 4-FOOT LED SLOT FIXTURE. MOUNTING METHOD PER PLANS, 100% DOWNLIGHT WITH ACRYLIC FLUSH SMOOTH DIFFUSER. 80 CRI. 0-10VDC DIMMING DRIVER.	40 VA	
LT044HX	MARK ARCHITECTURAL SLOT 4 LED SERIES LUMENWERX VIA 4 SERIES LITECONTROL MOD 4 LED SERIES	RECESSED	1	40.0 W	LED	4000 lm	277 V	4" BY 4-FOOT LED SLOT FIXTURE. MOUNTING METHOD PER PLANS, 100% DOWNLIGHT WITH ACRYLIC FLUSH SMOOTH DIFFUSER. 80 CRI. 0-10VDC DIMMING DRIVER WITH EMERGENCY TRANSFER DEVICE.	40 VA	
LWBS2X	METALUX SWLED SERIES LITHONIA WL4 SERIES LUXBOX LX-DA SERIES	SURFACE WALL	1	53.0 W	LED	3800 lm	277 V	4-FOOT WALL BRACKET TYPE LED STAIRWELL FIXTURE. FROSTED ACRYLIC LENS. INTEGRAL OCCUPANCY SENSOR. PROVIDE WITH DRIVER AS REQUIRED FOR AUTOMATIC DIMMING TO 50% OUTPUT DURING UNOCCUPIED TIMES. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	53 VA	
P1	INDY LIGHTING LCB SERIES	PENDANT	1	45.0 W	T8	3495 lm	277 V	TWO PENDANT MOUNTED 73.5 INCH LONG LED DOWNLIGHT FIXTURES MOUNTED END-TO-END. 0-10VDC DIMMING. DESIGN COLOR TO BE SELECTED AT A LATER DATE.	45 VA	
P2	INDY LIGHTING LCB SERIES	PENDANT	1	49.0 W	LED	5500 lm	277 V	PENDANT MOUNTED 6-INCH CYLINDER 0-10VDC. DIMMING. WIDE DISTRIBUTION. BRONZE SPECULAR FINISH.	49 VA	
P2X	INDY LIGHTING LCB SERIES	PENDANT	1	49.0 W	LED	5500 lm	277 V	PENDANT MOUNTED 6-INCH CYLINDER 0-10VDC. DIMMING. WIDE DISTRIBUTION. BRONZE SPECULAR FINISH. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	49 VA	
P3	LIGHTOLIER 3DP1HB SERIES	PENDANT	1	68.0 W	LED	10000 lm	277 V	DECORATIVE HIGH BAY BELL SHAPED LIGHT FIXTURE. MEDIUM SIZE. CLEAR LOWER SHADE, LAYERED FINE TEXTURE. BRONZE FINISH. 0-10VDC.	68 VA	
P3X	LIGHTOLIER 3DP1HB SERIES	PENDANT	1	68.0 W	LED	10000 lm	277 V	DECORATIVE HIGH BAY BELL SHAPED LIGHT FIXTURE. MEDIUM SIZE. CLEAR LOWER SHADE, LAYERED FINE TEXTURE. BRONZE FINISH. 0-10VDC. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	68 VA	
RL1	LUMINI KURBA SERIES OTRAIN KURY SERIES KELVIN SW3 SERIES	SURFACE		80.0 W	LED	100 lm	277 V	ROPE LIGHT TO BE INSTALLED UNDER THE STONE LIP OF OUTDOOR PLANTER. PROVIDE ALL NECESSARY HARDWARE, DRIVERS ETC. AS REQUIRED FOR A COMPLETE SYSTEM	80 VA	
WW1	PRUDENTIAL BPRO2-REC SERIES	RECESSED	1	125.0 W	LED	825 lm	277 V	16 FOOT LONG RECESSED LINEAR WALL WASH. FLUSH LENS. STANDARD OUTPUT 0-10VDC MATTE WHITE FINISH.	125 VA	
XC	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES	SURFACE CEILING	1	3.0 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN. SINGLE FACE. DIRECTIONAL ARROWS INDICATED. WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA	
XVW	SURE-LITES UX SERIES CHLORIDE 80 LINE SERIES LITHONIA LV SERIES DUAL-LITE SEWL SERIES	SURFACE WALL	1	3.0 W	RED LED	0 lm	277 V	CAST ALUMINUM. VANDAL RESISTANT AC ONLY EXIT SIGN. SINGLE FACE. DIRECTIONAL ARROWS INDICATED. WHITE HOUSING. LISTED FOR WET LOCATIONS. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA	
XV	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES	SURFACE WALL	1	3.0 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN. SINGLE FACE. DIRECTIONAL ARROWS INDICATED. WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA	

Branch Panel: BH3										
Location: ELEC B124					Volts: 480/277 Wye				A.I.C. Rating: 10 kA	
Supply From: MSB-H					Phases: 3				Mains Type: M.L.O	
Mounting: Surface					Wires: 4				Mains Rating: 200 A	
Enclosure: Type 1									MCB Rating: 200 A	
Notes: INTEGRAL SURGE PROTECTION										

CKT	Circuit Description	Trip	Poles	A (VA)		B (VA)		C (VA)		Poles	Trip	Circuit Description	CKT
1	Transformer TB1	100 A	3	14812	1412					1	20 A	Lighting - RM B108-B113	2
3	--	--	--			15014	416			1	20 A	VVFS - B121, B131, B132	4
5	--	--	--					13584	416	1	20 A	VVFS - B117, B119, B129, B130	6
7	Lighting - RM B114-B120, B128-B129	20 A	1	1312	312					1	20 A	VVFS - B111, B112, B113	8
9	Lighting - RM B121-B127, B130-135, B201	20 A	1			1097	1856			3	20 A	AHU-3 6.7 FLA RM B201 (NOTE 1)	10
11	VVFS B107, B108, B109, B110	20 A	1					416	1856	--	--	--	12
13	Spare	20 A	1	0	1856					--	--	--	14
15	Spare	20 A	1			0	5540			3	40 A	ACCU-3 25 MCA ROOFTOP (NOTE 2)	16
17	Spare	20 A	1					0	5540	--	--	--	18
19	Spare	20 A	1	0	5540					--	--	--	20
21	Spare	20 A	1			0	0			1	20 A	Spare	22
23	Spare	20 A	1					0	0	1	20 A	Spare	24
25	Spare	20 A	1	0	0					1	20 A	Spare	26
27	Spare	20 A	1			0	0			1	20 A	Spare	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Spare	20 A	1	0	0					1	20 A	Spare	32
33	Spare	20 A	1			0	0			1	20 A	Spare	34
35	Spare	20 A	1					0	0	1	20 A	Spare	36
37	Spare	20 A	1	0	0					1	20 A	Spare	38
39	Spare	20 A	1			0	0			1	20 A	Spare	40
41	Spare	20 A	1					0	0	1	20 A	Spare	42
				Total Load:	25244 VA	23923 VA	21812 VA						
				Total Amps:	92 A	88 A	79 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	3821 VA	100.00%	3821 VA	Total Conn. Load: 70979 VA Total Est. Demand: 58833 VA
Motor	12058 VA	111.54%	13450 VA	
Other	0 VA	0.00%	0 VA	
Receptacle - Convenience	27720 VA	68.04%	18860 VA	Total Conn.: 85 A
HVAC	18180 VA	90.00%	16362 VA	Total Est. Demand: 71 A
Receptacle - Undercounter Ref.	1200 VA	70.00%	840 VA	
Receptacle - Refrigerator	2000 VA	80.00%	1600 VA	
Receptacle - Microwave	3000 VA	50.00%	1500 VA	
Receptacle - Copy Machine	3000 VA	80.00%	2400 VA	

Notes:

NOTE 1: CONNECT WITH 3#12, #12G IN 3/4" C.
NOTE 2: CONNECT WITH 3#8, #10G IN 1" C.

Branch Panel: BL3										
Location: ELEC B124					Volts: 208/120 Wye				A.I.C. Rating: 18 kA	
Supply From: TB1					Phases: 3				Mains Type: MCB	
Mounting: Surface					Wires: 4				Mains Rating: 200 A	
Enclosure: Type 1									MCB Rating: 200 A	
Notes: INTEGRAL SURGE PROTECTION										

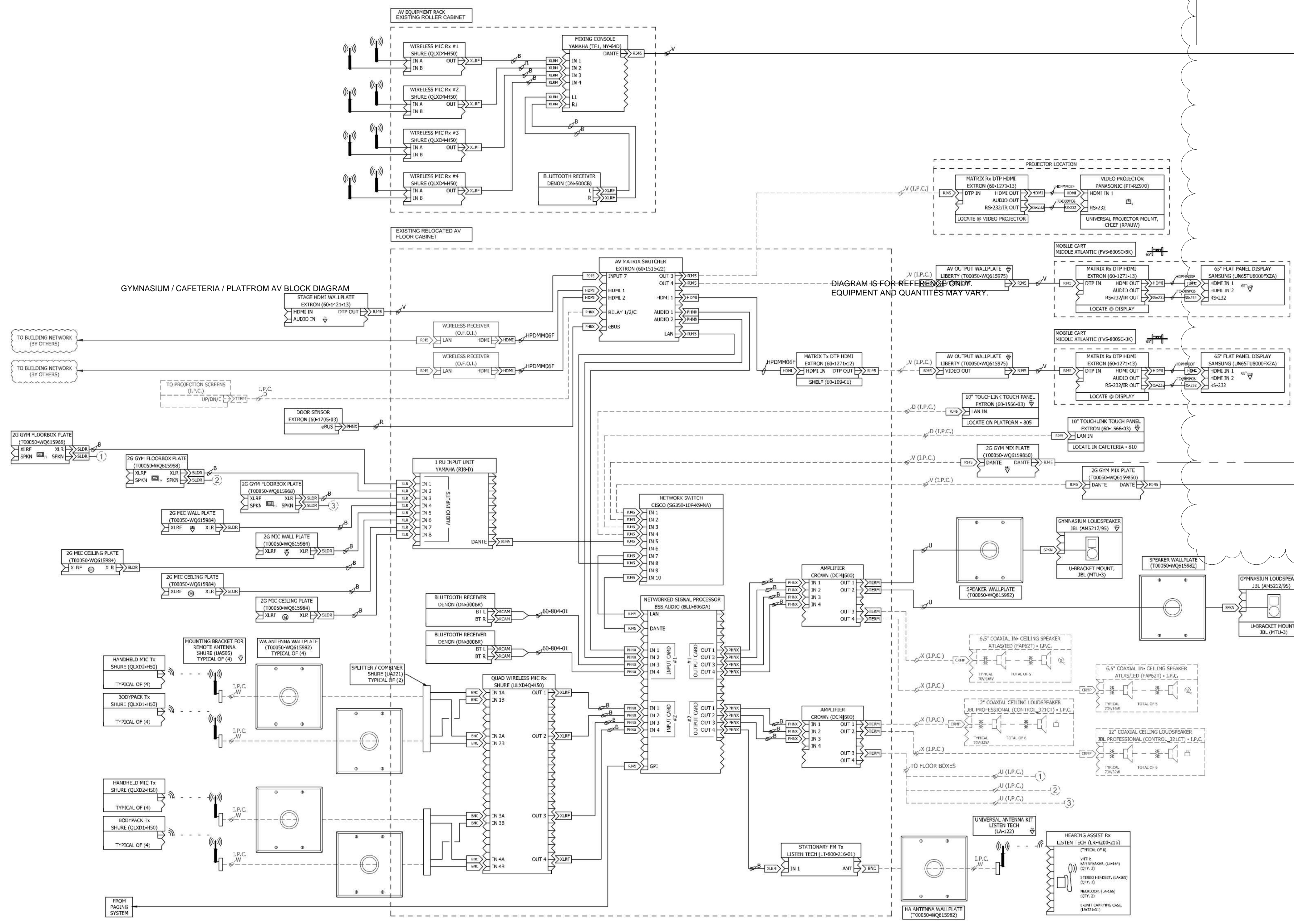
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Receptacle - B109, B108	20 A	1	1080	900			1	20 A	RECEPTS RM - B122, B201	2
3	AUTOMATIC DOOR RM - B108	20 A	1		1127	0		1	20 A	AHU LIGHTS/RECEPTS RM - B201	4
5	AUTOMATIC DOOR RM - B108	20 A	1			1127	470	1	20 A	EF 16, PUH-B1 RM - B201	6
7	AUTOMATIC DOOR RM - B108	20 A	1	1127	385			1	20 A	EF-14, EF-16, JCUA-B1	8
9	AUTOMATIC DOOR RM - B101	20 A	1		1127	1440		1	20 A	RECEPTS RM - B115	10
11	AUTOMATIC DOOR RM - B101	20 A	1			1127	1440	1	20 A	RECEPTS RM - B116	12
13	RECEPTS RM - B110	20 A	1	1080	1080			1	20 A	RECEPTS RM - B117	14
15	RECEPTS RM - B101, B109	20 A	1		1800	900		1	20 A	RECEPTS RM - B118	16
17	RECEPTS RM - B109	20 A	1			1440	1080	1	20 A	RECEPTS RM - B129	18
19	REFRIGERATOR RM - B111	20 A	1	600	1080			1	20 A	RECEPTS COURTYARD	20
21	RECEPTS RM - B111	20 A	1		1080	1260		1	20 A	RECEPTS RM - B130	22
23	RECEPTS RM - B111	20 A	1			1260	900	1	20 A	RECEPTS RM - B131	24
25	REFRIGERATOR RM - B112	20 A	1	600	900			1	20 A	RECEPTS RM - B132	26
27	RECEPTS RM - B112, B113	20 A	1		1440	1260		1	20 A	RECEPTS RM - B120, B123-B125, B128, B133	28
29	RECEPTS RM - B114	20 A	1			1440	0	1	20 A	Spare	30
31	RECEPTS RM - B134	20 A	1	900	1500			1	20 A	COPIER RM - B121	32
33	RECEPTS RM - B135	20 A	1		900	1500		1	20 A	COPIER RM - B121	34
35	RECEPTS RM - B135	20 A	1			720	1500	1	20 A	MICROWAVE RM - B121	36
37	REFRIGERATOR RM - B135	20 A	1	1000	1500			1	20 A	MICROWAVE RM - B121	38
39	ICE MAKER RM - B135	20 A	1		180	1000		1	20 A	REFRIGERATOR RM - B121	40
41	Spare	20 A	1			0	1080	1	20 A	RECEPTS RM - B121	42
43	Spare	20 A	1	0	1080			1	20 A	RECEPTS RM - B121	44
45	Spare	20 A	1		0	0		1	20 A	Spare	46
47	Spare	20 A	1			0	0	1	20 A	Spare	48
49	Spare	20 A	1	0	0			1	20 A	Spare	50
51	Spare	20 A	1		0	0		1	20 A	Spare	52
53	Spare	20 A	1		0	0		1	20 A	Spare	54
55	Spare	20 A	1	0	0			1	20 A	Spare	56
57	Spare	20 A	1		0	0		1	20 A	Spare	58
59	Spare	20 A	1			0	0	1	20 A	Spare	60
				Total Load:	14812 VA	15014 VA	13584 VA				
				Total Amps:	125 A	127 A	113 A				

Legend:

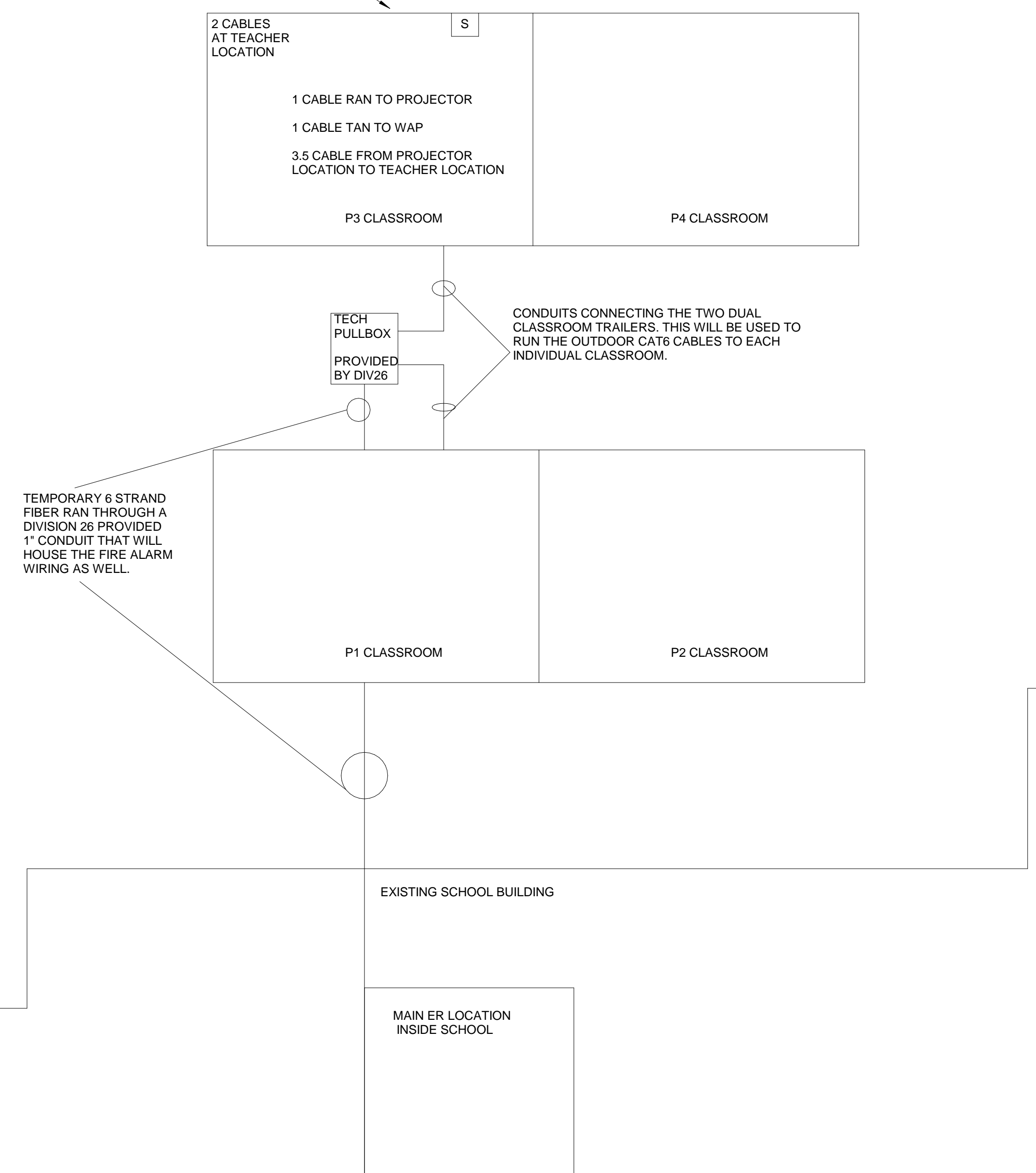
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	6490 VA	104.34%	6772 VA	Total Conn. Load: 43410 VA Total Est. Demand: 31972 VA
Other	0 VA	0.00%	0 VA	
Receptacle - Convenience	27720 VA	68.04%	18860 VA	
Receptacle - Undercounter Ref.	1200 VA	70.00%	840 VA	Total Conn.: 120 A
Receptacle - Refrigerator	2000 VA	80.00%	1600 VA	Total Est. Demand: 89 A
Receptacle - Microwave	3000 VA	50.00%	1500 VA	
Receptacle - Copy Machine	3000 VA	80.00%	2400 VA	

Notes:

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TYPICAL TEMP CLASSROOM LAYOUT
CONFIGURATION MAY DIFFER ACCORDING
TO EACH CLASSROOM LAYOUT.



- TEMP CLASSROOM RISER DIAGRAM GENERAL NOTES:**
- RISER DIAGRAM IS REPRESENTATIONAL ONLY FOR TECHNOLOGY INFRASTRUCTURE NEEDED FOR CLASSROOMS. THERE SHALL BE FOUR CAT6 CABLES INSTALLED INTO EACH CLASSROOM AREA (2-TEACHER LOCATION, 1-PROJECTOR & 1-WAP)
 - CONTRACTOR SHALL VERIFY IF SURFACE MOUNT RACEWAY WILL NEED TO BE UTILIZED TO REACH THE APPROPRIATE CEILING LOCATIONS FROM THE TEACHER LOCATION OR CABLE ENTRY LOCATION FOR THE PATHWAY INDICATED.
 - CONTRACTOR SHALL COORDINATE FIBER AND PAGING INSTALLATION WITH THE FIRE ALARM CONNECTION CABLING WITH ELECTRICAL CONTRACTOR.
 - A SIX STRAND INDOOR/OUTDOOR OS2 FIBER SHALL BE INSTALLED, TERMINATED AND TESTED FROM THE ER TO A LOCATION IN P1 CLASSROOM. INSIDE THIS CLASSROOM THERE WILL NEED TO BE A 2 POST OR SMALL WALL MOUNT RACK WHERE A FIBER PANEL AND 24 PORT PATCH PANEL AND SCHOOL PROVIDED SWITCH WILL BE INSTALLED TO SERVE THE NETWORK NEEDS OF ALL 4 TEMP CLASSROOMS.
 - THE TECH CONTRACTOR SHALL PROVIDE AND INSTALL 4 NEW LIGHTSPEED 975 CLASSROOM AUDIO SYSTEMS. A SINGLE 3.5 CABLE WILL NEED TO CONNECT THE PROJECTOR LOCATION WITH THE TEACHER LOCATION IN EACH CLASSROOM AS WELL.
 - A SINGLE 14-2 PAGING CIRCUIT SHALL BE INSTALLED AND SPLIT TO EACH CLASSROOM FOR MORNING AND GENERAL ANNOUNCEMENTS TO BE HEARD OVER A SINGLE WALL MOUNT SPEAKER PROVIDED BY DIVISION 27 CONTRACTOR.
 - ALL INSTALLATION MATERIALS AND WORKMANSHIP SHALL BE IN COMPLETE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
 - CONTRACTOR SHALL PROVIDE ALL NECESSARY GROUNDING, ROUGH-IN AND BACKBOXES, ENCLOSURES, AND BRACKETS REQUIRED.

**TEMPORARY CLASSROOM
CABLING OVERVIEW**

1
N.T.S.

VERIFICATION NOTE:
CONTRACTOR SHALL VERIFY ALL
DIMENSIONS, CLEARANCES AND EXISTING
FIELD CONDITIONS BEFORE STARTING
CONSTRUCTION. COMMENCEMENT OF WORK
CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE
ENCOUNTERED CONTACT THE ARCHITECT
BEFORE PROCEEDING WITH ANY WORK.

**CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS**

13989 Hazel Dell Pkwy, Carmel, IN
46033

CARMEL CLAY SCHOOLS

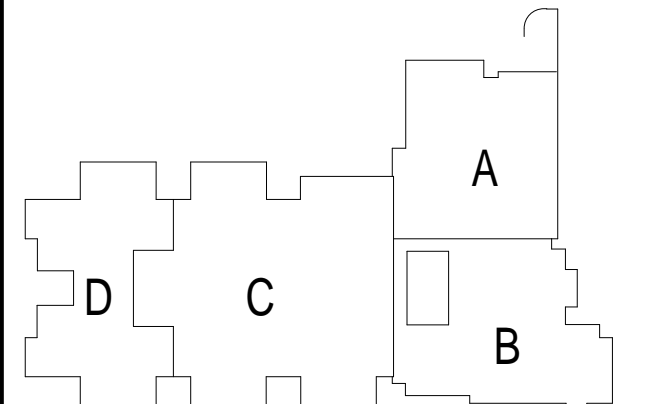


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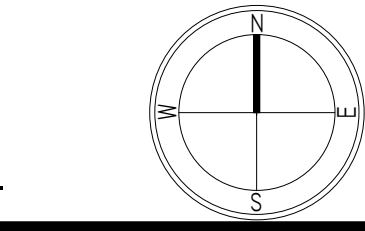


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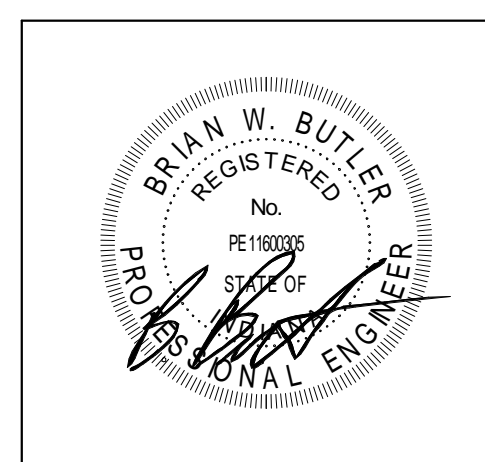
CONSULTANT



KEY PLAN



BIDS



PROJECT MANAGER: SAM
DRAWN BY: COT
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 2.8.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

TECHNOLOGY DETAILS

T1.05



TECHNOLOGY PLAN NOTES

- VERIFICATION NOTE:**
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CONSTITUTES ACCEPTANCE OF CONDITIONS.

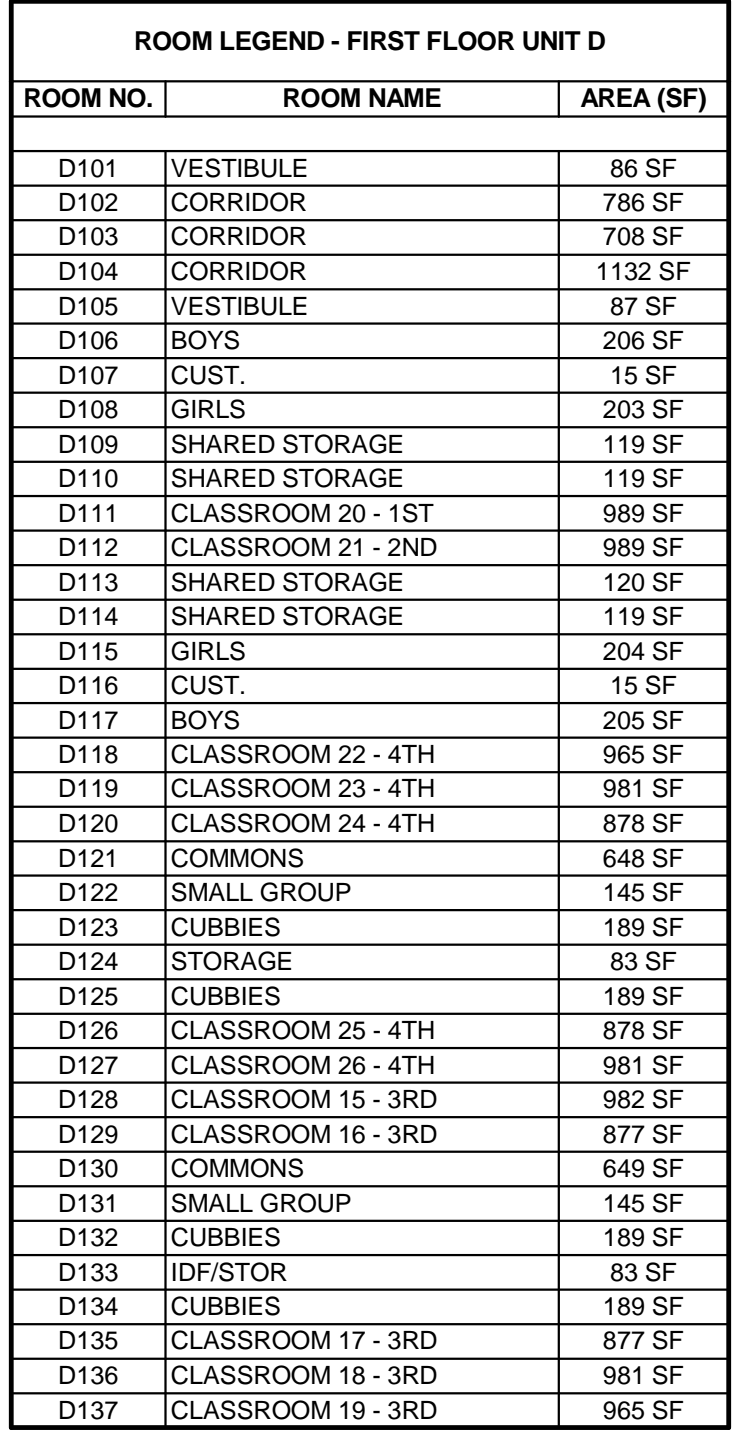
SHOULD DIFFERENT CONDITIONS BE
ENCOUNTERED CONTACT THE ARCHITECT
BEFORE PROCEEDING WITH ANY WORK.

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T10 SEE DETAIL T1.01 FOR CLASSROOM
SLEEVE ROUTING REQUIREMENTS
PROVIDED BY ELECTRICAL
CONTRACTOR

T15 OUTDOOR PAGING SPEAKERS TO BE
INSTALLED ON THE ROOF LINE AND BE
ADJUSTED ACCORDINGLY BECAUSE OF
NEARBY RESIDENTIAL AREA

T16 COORDINATE OUTDOOR CAMERA
LOCATIONS WITH ELECTRICAL
CONTRACTOR BEFORE ROUGH IN TO
OBTAIN THE BEST LOCATIONS BECAUSE
OF TREE COVER

T17 HALLWAY MONITORS SHALL HAVE
RETRACTABLE CEILING
ACCESSORY PROVIDED AND INSTALLED
BY THE CONTRACTOR. ALL CABLES
AND MEDIA APPLIES BEHIND IT.

T18 SCHOOL PROVIDED SOUND
REINFORCEMENT AMP TO BE
INSTALLED IN TEACHER WARDROBE
CLOSET. SEE SHEET 01.01, J21.02.
REINSTALL SCHOOL PROVIDED
PROJECTOR AND PROJ PLATE IN
CLASSROOM ACCORDING TO MINIMUM
DISTANCE OF PROJECTOR FROM
PROJECTION SCREEN. REFER TO A7
FOR INFORMATION FOR PROJECTION SCREEN
INFORMATION.

T29 COORDINATE WITH HVAC CONTRACTOR
FOR THE LOCATION OF THE PANEL
LOCATION DATA LOCATIONS.

T29 COORDINATE WITH HVAC CONTRACTOR FOR TEMPERATURE CONTROL PANEL LOCATION DATA LOCATIONS.

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

VERIFICATION NOTE:
CONTRACTOR SHALL VERIFY ALL
DIMENSIONS, CLEARANCES AND EXISTING
FIELD CONDITIONS BEFORE STARTING
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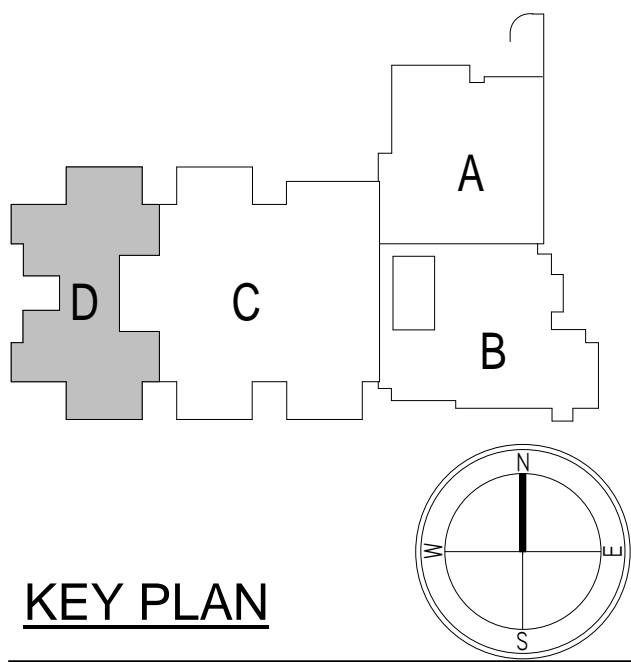


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HOWEY**

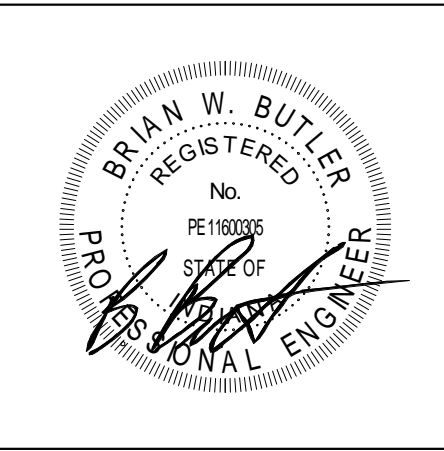
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1	ADDENDUM #1

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T3.04

CHERRY TREE
ELEMENTARY
SCHOOL
ADDITIONS AND
RENOVATIONS

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46033

CARMEL CLAY SCHOOLS

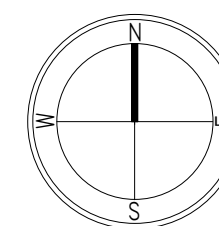
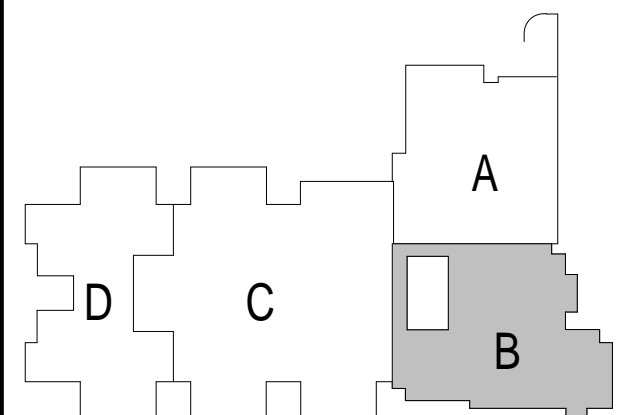


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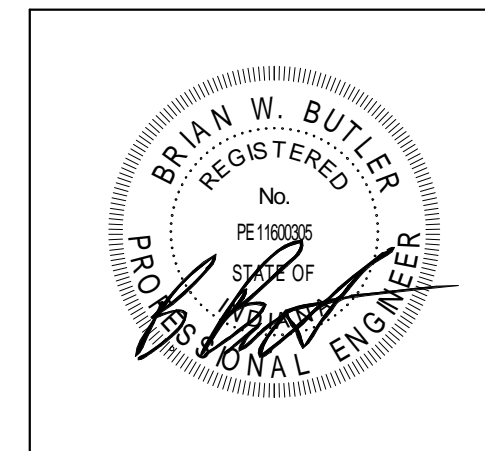
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KEY PLAN

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PROJECT MANAGER: SAM
DRAWN BY: CDT
PROJECT NUMBER: 222011.00
PROJECT ISSUE DATE: 2.8.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2.23.2024

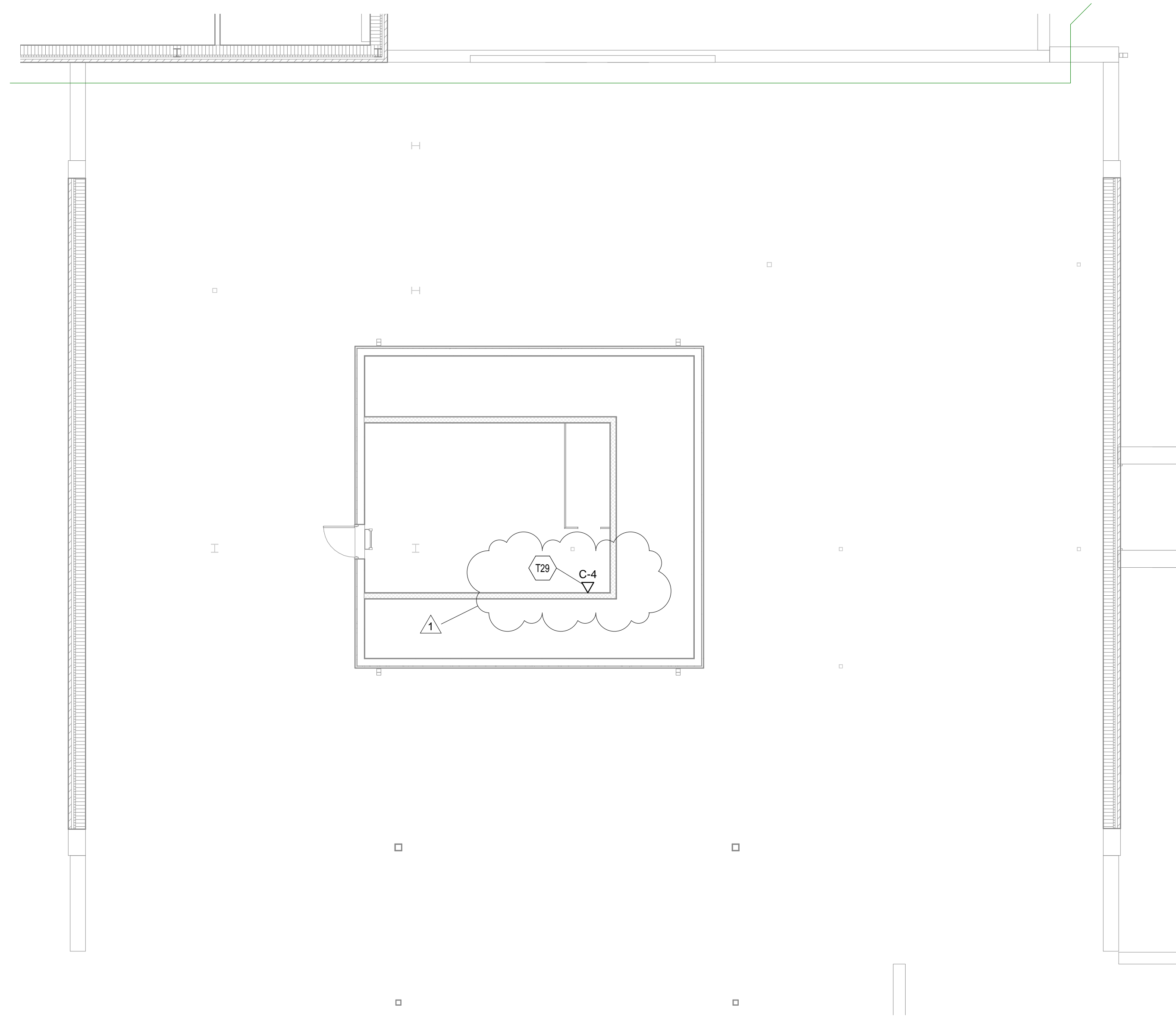
UNIT B - SECOND FLOOR
TECHNOLOGY PLAN

T3.10

ROOM LEGEND - SECOND FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	MECH. MEZZ.	389 SF

TECHNOLOGY PLAN NOTES

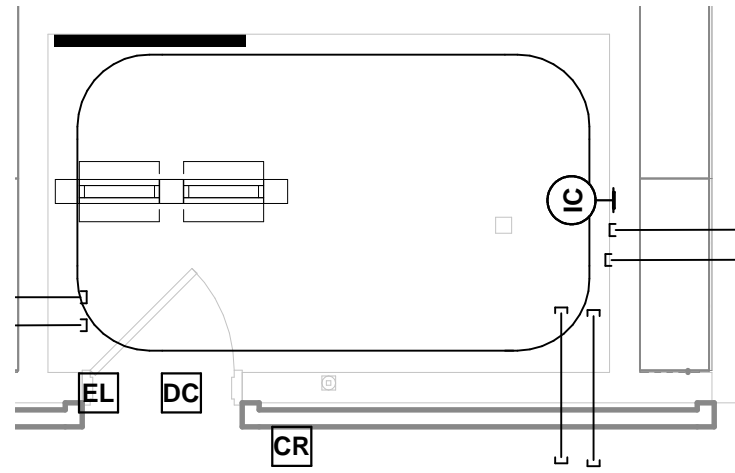
T29 COORDINATE WITH HVAC CONTRACTOR
FOR TEMPERATURE CONTROL PANEL
LOCATION DATA LOCATIONS.



UNIT B - SECOND FLOOR TECHNOLOGY PLAN
SCALE: 1/8" = 1'-0"

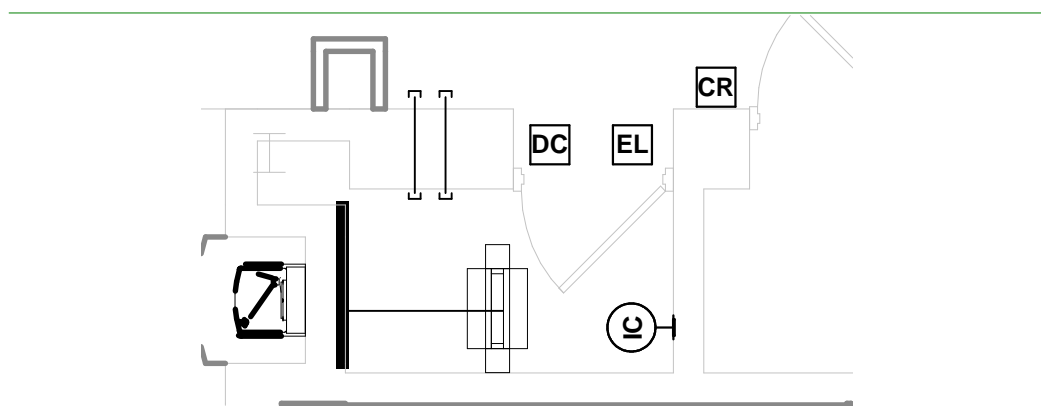
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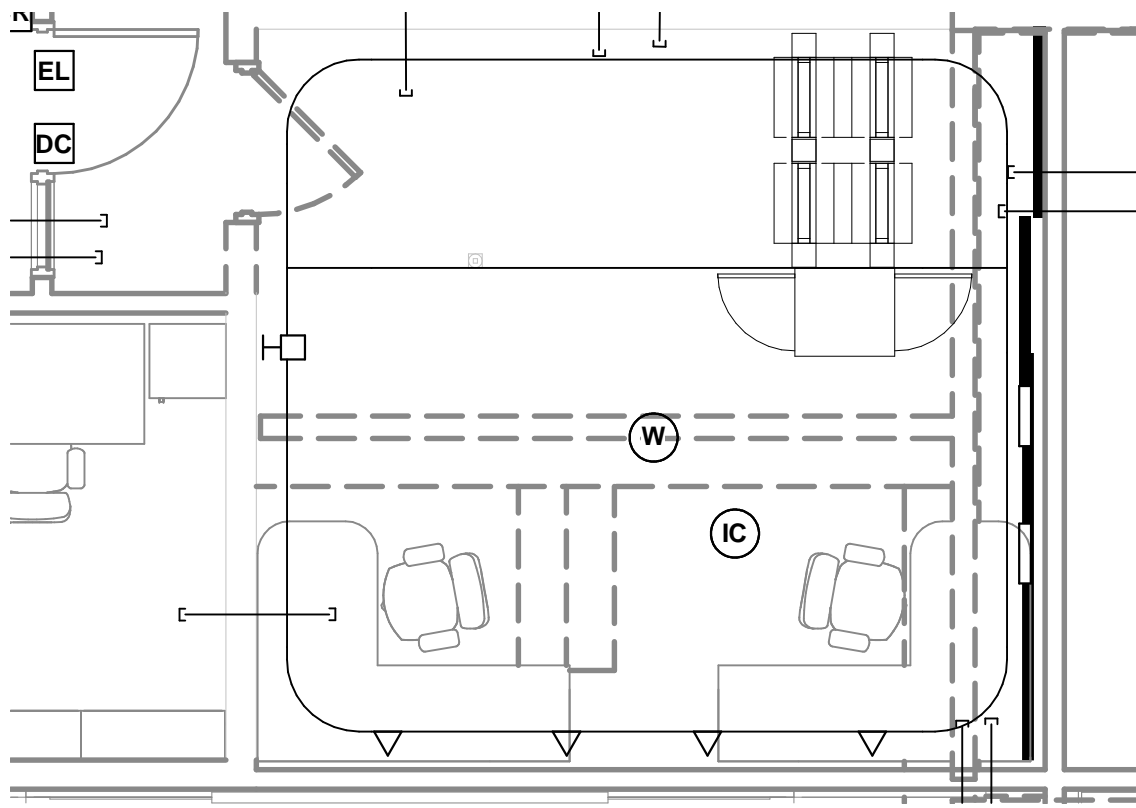


TR - C
SCALE: 1/4" = 1'-0"

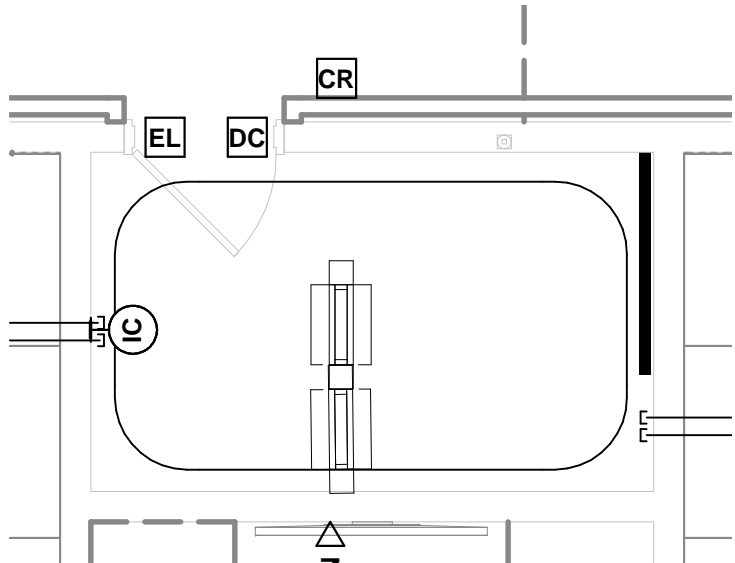
DEVICE SCHEDULE - TECH ROOM...	
TECHNOLOGY SERVING ROOM NO.	CABLE TOTALS DATA
MAIN ER	147
TR - A	92
TR - B	186
TR - C	132
TR - D	167
Grand total	724



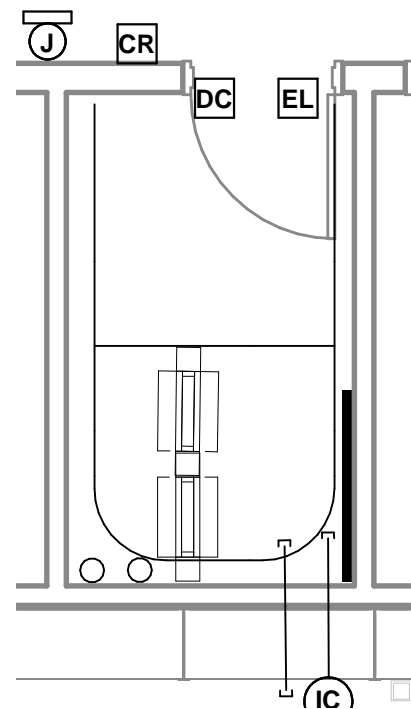
TR - A
SCALE: 1/4" = 1'-0"



MAIN ER
SCALE: 1/4" = 1'-0"



TR - D
SCALE: 1/4" = 1'-0"



TR - B
SCALE: 1/4" = 1'-0"

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CHERRY TREE ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS

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46033

CARMEL CLAY SCHOOLS

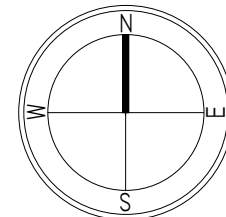
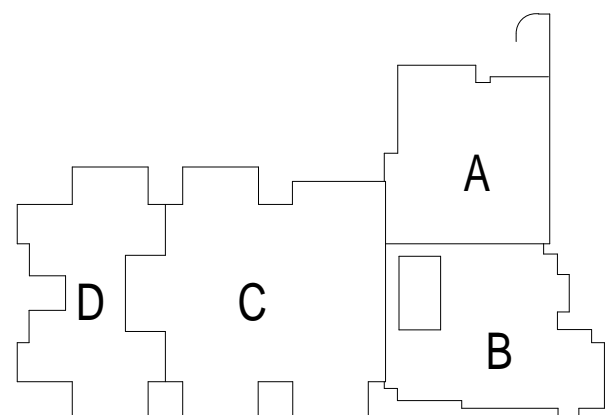


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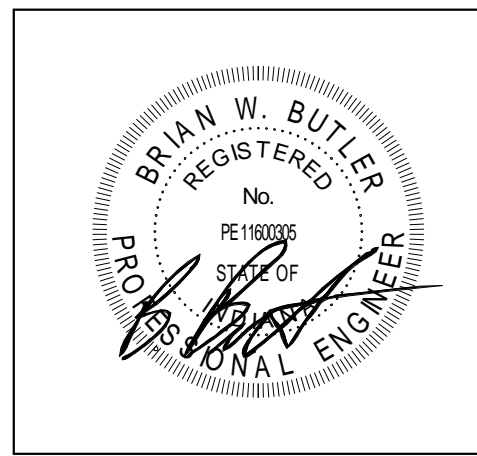
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1	ADDENDUM #1	2.23.2024

ENLARGED TECHNOLOGY ROOMS

T5.01