

ADDENDUM NO. 3

November 28, 2022

JACKSON ELEMENTARY SCHOOL RENOVATIONS Valparaiso, IN 46304

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 October 31, 2022 by Gibraltar Design. 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 page ADD 3-1 and attached Addendum No. 3 from Gibraltar Design dated November 23, 2022 and consisting of 7 pages and 42 drawings.

A. SPECIFICATION SECTION 00 50 00 - SCHEDULE OF INSURANCE REQUIREMENTS

1. Replace:

Specification Section 00 50 00 - Schedule of Insurance Requirements with the attached revised section

B. SPECIFICATION SECTION 01 29 00 - PAYMENT APPLICATIONS

1. Replace:

Specification Section 01 29 00 - Payment Applications with the attached revised section

SECTION 00 50 00 - SCHEDULE OF INSURANCE REQUIREMENTS

PRODUCER

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURER A

INSURER B

INSURER C

INSURER D

INSURED

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L NSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	X	GENERAL LIABILITY				EACH OCCURRENCE	\$1,000,000
		COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea. occurrence)	\$300,000
		CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$15,000
						PERSONAL & ADV. INJURY	\$1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER				GENERAL AGGREGATE	\$2,000,000
		POLIC Y <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/>				PRODUCTS-COMP/OP AGG	\$2,000,000
	X	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea. accident)	\$1,000,000
	x	ANY AUTO				BODILY INJURY (Per person)	\$
		ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
		SCHEDULE AUTOS				PROPERTY DAMAGE (Per accident)	\$250,000
		HIRED AUTOS				MEDICAL PAYMENTS	\$5,000
		NON-OWNED AUTOS					
		GARAGE LIABILITY				Auto only – ea. accident	\$
		ANY AUTO				Other than auto only: EA ACC	\$
						AGG	\$
	X	EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	\$4,000,000
		OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/>				AGGREGATE	\$4,000,000
							\$
		DEDUCTIBLE					\$
		RETENTION					\$
		WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS	\$
		ANY PROPRIETARY/PARTNER/EXECUTIVE OFFICER MEMBER EXCLUDED?				E.L. EACH ACCIDENT	\$1,000,000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE – EA EMPLOYEE	\$1,000,000
						E.L. DISEASE – POLICY LIMIT	\$1,000,000
		OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Project: Duneland Jackson Elementary School Renovations -The Skillman Corporation & all parties required by contract are added as add'l ins on GL including completed operations & add'l ins on Auto Liab but only w/respects to liability arising out of the work performed by/on behalf of named ins for above project with coverage being primary & noncontributory. Waiver of Subrogation is added to GL, Auto & WC in favor of add'l insureds. Umbrella is to follow form to add'l ins/primary & noncontributory on GL and Waiver of Subrogation on GL & WC. WC applies in Indiana.

CERTIFICATE HOLDER**CANCELLATION**

**Duneland School Corporation
c/o The Skillman Corporation
8006 Aetna Street
Merrillville, IN 46410**

SHOULD ANY OF THE ABOVE-DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATED THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE (Signed or stamped signature)

SECTION 01 29 00 - APPLICATIONS FOR PAYMENT

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This Section specifies administrative and procedural requirements governing each prime contractor's Applications for Payment.
 - 1. Coordinate the Applications for Payment with the Schedule of Values, Project Schedule, Submittal Schedule, and List of Subcontracts.

1.03 APPLICATIONS FOR PAYMENT

- A. Applications for Payment shall be made no later than the 25th day of the month through the Construction Manager to the Owner. Payments to the Contractor will not be made until final approval by the Owner. Applications made by the 25th of the month, if approved, will be paid approximately 45 days later. The Contractor shall submit to the Construction Manager, an itemized Application for Payment, supported by such data, such invoices, substantiating the Contractor's right to payment as the Owner, Architect, or Construction Manager may require. The form of Application for Payment shall be AIA Document G732 - 2019 - Application and Certification for Payment, support by AIA Document G703 - Continuation Sheet. Continuation Sheet (G703) shall be prepared the same as the Schedule of Values submitted by the Contractor and as approved.
 - 1. Contractors shall prepare a pencil copy of the Application for Payment to the Construction Manager at the site ten (10) days prior to date for submission of Application of Payment. After review by the Construction Manager and Architect a corrected copy will be returned to the Contractor within five (5) working days.
- B. Each Application for Payment shall be consistent with previous applications and payments as certified by the Construction Manager, Architect and paid for by the Owner.
 - 1. The initial Application for Payment, the Application for Payment at time of Substantial Completion, and the final Application for Payment involve additional requirements.
- C. Payment-Application Times: Each progress-payment date is indicated in the Agreement. The period of construction work covered by each Application for Payment is the period indicated in the Agreement.

- D. Application Preparation: Complete every entry on the form. Include notarization and execution by a person authorized to sign legal documents on behalf of the Contractor. The Construction Manager will return incomplete applications without action.
1. Entries shall match data on the Schedule of Values and the Construction Manager's Project Schedule. Use updated schedules if revisions were made.
 2. Include amounts of fully executed Change Orders issued prior to the last day of the construction period covered by the application.
- E. Transmittal: Submit Application for Payment to the Construction Manager by a method ensuring receipt within 24 hours. One copy shall be complete, including waivers of lien and similar attachments, when required.
1. Transmit each copy with a transmittal form listing attachments and recording appropriate information related to the application, in a manner acceptable to the Architect.
- F. Waivers of Mechanics Lien: With each Application for Payment, submit waivers of mechanics lien from every entity who is lawfully entitled to file a mechanics lien from previous application for payment.
1. Submit partial waivers on each item for the amount requested, less retention, on each item.
 2. When an application shows completion of an item, submit final or full waivers.
 3. Waiver Forms: Submit waivers of lien on forms, and executed in a manner, acceptable to the Owner.
- G. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of the first Application for Payment include the following:
1. List of subcontractors.
 2. List of principal suppliers and fabricators.
 3. Schedule of Values.
 4. Construction Manager's Project Schedule.
 5. Submittal Schedule.
 6. List of Contractor's staff assignments
 7. Copies of permits as applicable.
 8. Copies of authorizations and licenses from governing authorities for performance of the Work.
 9. Certificates of insurance and insurance policies.
 10. HAZCOM/Safety Programs
 11. Executed Escrow Agreement (if applicable).

- H. Monthly Application for Payment: Contractors should be current on all aspects of the project. Payment should only be allowed for approved change orders and allowance authorizations. In addition, contractor shall be current on all responsibilities to include:
1. Submittals
 2. Schedule
 3. RFP responses
 4. PlanGrid Tasks
 5. Daily Cleaning
 6. As Built mark ups in PlanGrid
- I. Application for Payment at Substantial Completion: Following issuance of the Certificate of Substantial Completion, submit an Application for Payment.
1. This application shall reflect Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.
 2. Administrative actions and submittals that shall precede or coincide with this application include:
 - a. Occupancy permits and similar approvals. Occupancy permit shall be submitted by party responsible for acquiring general building permit.
 - b. Warranties (guarantees) and maintenance agreements.
 - c. Test/adjust/balance records.
 - d. Maintenance instructions.
 - e. Meter readings.
 - f. Startup performance reports.
 - g. Changeover information related to Owner's occupancy, use, operation, and maintenance.
 - h. Final cleaning.
 - i. Advise on shifting insurance coverages.
 - j. List of incomplete Work recognized as exceptions to Architect's Certificate of Substantial Completion.
- J. Final Payment Application: Administrative actions and submittals that must precede or coincide with submittal of the final Application for Payment include the following:
1. Completion of Project closeout requirements.
 2. Completion of items specified for completion after Substantial Completion.
 3. Ensure that unsettled claims will be settled.
 4. Ensure that incomplete Work is not accepted and will be completed without undue delay.
 5. Transmittal of required Project construction records to the Owner.
 6. Certified property survey.
 7. Proof that taxes, fees, and similar obligations were paid.
 8. Removal of temporary facilities and services.
 9. Removal of surplus materials, rubbish, and similar elements.
 10. Change of door locks to Owner's access.

K. Release of Retainage: Documents to be submitted with the final Pay Application requesting release of retainage to include:

1. AIA G732 - 2019 – Application and Certification for Payment
2. AIA G703 – Continuation Sheet
3. Final Waiver of Lien
4. AIA G706 – Contractor’s Affidavit of Payment of Debts and Claims
5. AIA G706a – Contractor’s Affidavit of Release of Liens
6. AIA G707 – Consent of Surety to Final Payment
7. “No Asbestos” Letter
8. Approved Certificate of Substantial Completion

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 29 00

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Jackson Elementary School Renovations** for Duneland School Corporation, Chesterton, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendum One and Addendum Two, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 10 51 13 Metal Lockers

- A. Revise Paragraph 2.5 C. to read: "Colors: Exterior of corridor lockers, custom color."

2. Specification Section 23 09 23 Temperature Controls

- A. Delete Paragraph 2.02 F.2.i in its entirety.
- B. Add Paragraph 2.03 I to read:
 - "I. Remove and replace existing controllers for air handling units, boilers, pumps, cabinet heaters, VAV boxes, exhaust fans, etc. for a complete and operational system. New controller shall match existing sequences and graphics as existing controllers."

3. Specification Section 23 62 13 Air Cooled Liquid Chiller

- A. Add Paragraph 2.04 to read:

"2.04 REFRIGERANT MONITORING SYSTEM:

- A. Refrigerant Detection and Evacuation Control system: Provide breathing apparatus and refrigerant leak monitoring system in accordance with BSR/ASHRAE 15-2016 "Safety Standard For Mechanical Refrigeration Systems." Monitoring system shall be MSA Chillgard 5000 or approved equivalent. The system includes a remote control panel and a minimum of four (4) sampling points and shall meet the following criteria:
 - 1. Monitor shall be compound specific with a measurement and display range 0-1000 ppm.
 - 2. The monitor must be calibrated for the specified refrigerant used in the chiller.
 - 3. The display accuracy shall be +/- 1 ppm.
 - 4. Three (3) factory-set alarm levels shall be provided, each with a front panel light and a latching binary contact closure for the control of remote devices.

5. An analog output corresponding to the unit display is required for connection to the FMS.
 6. Ambient temperature operating range shall be 40 to 105 degrees F."
- B. Monitor system shall include:
1. Horn and strobe
 2. Manual pull station."

DRAWINGS

4. Sheet AD101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Change Demolition Plan Note 12 to "Not Used".
 2. Add Note 33 outside Vestibule A-109 and Vestibule A-120.
 3. Add Note 44 to Boys A-114 and Girls A-115.
 4. Revise Note 33 to clarify the removal of carpet base.
 5. Add Carpet Base Demo Detail to sheet.

5. Sheet AD102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Change Demolition Plan Note 12 to "Not Used".
 2. Remove Note 32 where indicated.
 3. Add Note 33 to Corridor A-142, Media Center A-142, Corridor A-129, and Corridor B-131.
 4. Add Note 34 to Vestibule A-101 and Corridor B-123C.
 5. Add Note 44 to Boys A-103, Girls A-104, Boys A-125, and Girls A-126.
 6. Revise Note 33 to clarify the removal of carpet base.

6. Sheet AD103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Change Demolition Plan Note 12 to "Not Used".
 2. Remove Note 32 where indicated.
 3. Add Note 33 to Music B-113.
 4. Add Note 34 to Storage B-114 and Art B-116.
 5. Revise Note 33 to clarify the removal of carpet base.

7. Sheet A-101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Plan Detail 1/A-101:

- a. Add section cuts through existing glazing
 - b. Add insulation between glazing and stud wall.
 - c. Revise notes to clarify insulation.
2. Revise Plan Note 26.
3. Add Note 28 to Vestibule A-101 and Vestibule A-125.
4. Add Plan Note 35 to Plan Notes.
5. Add Note 35 to Boys A-113 and Girls A-114.

8. Sheet A-102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Revise Plan Note 26.
 2. Add Plan Note 35.
 3. Add Note 35 to Girls B-157 and Boys B-158.

9. Sheet A-103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Revise Plan Note 26.
 2. Add Plan Note 35.

10. Sheet A-401

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Wall Section 2/A-401: Add insulation between metal studs and aluminum window.
 2. Wall Section 2/A-401: Add dimension to clarify height of structural deck above ceiling.

11. Sheet A-501

- A. Refer to revised full size drawing, included in this Addendum, for revised locker size and count.

12. Sheet A-702

- A. Refer to revised full size drawing, included in this Addendum, for plan casework change in classrooms.

13. Sheet A-730

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Note elevation additions and modifications.

14. Sheets A-801 and A-802

- A. Refer to two (2) revised full size drawings, included in this Addendum, for the following revisions:
 1. Note plan finish changes.

15. Sheet A-901

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Add Note 4 to corridor ceiling outside of Vestibule A-101 and Vestibule A-125.



2. Add Note 9 to Vestibule A-101 and Vestibule A-125.

16. Sheet A-902

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Change Note 2 to Note 4 in Corridors B-175, B-152 and B-145.
 2. Add Note 4 to Media Center B-170.
 3. Remove Note 5 at both ends of Corridor B-118.
 4. Add bulkhead and Note 8 to both ends of Corridor B-118.

17. Sheet P-001

- A. Refer to revised full size drawing, included in this Addendum for IM-1 added to Plumbing Fixture Schedule

18. Sheet PD103

- A. Refer to revised full size drawing, included in this Addendum, for clarification to existing sanitary piping.

19. Sheet P-111

- A. Refer to revised full size drawing, included in this Addendum, for the following revision:
 1. Clarified pipe size down to A-114 and A-113 chase.

20. Sheet P-112

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Clarified pipe size down to B-157 and B-158 chase.
 2. Clarified connecting new CW, HW and vent to existing piping.
 3. Added IM-1 in Clinic B-111.
 4. Clarified connecting new CW and HW to existing piping.

21. Sheet P-113

- A. Refer to revised full size drawing, included in this Addendum, for the following revision:
 1. Clarified connection to existing piping in Art C-110.

22. Sheet MD103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Modified existing piping to demo.
 2. Added demo exhaust fans.

23. Sheet MD104

- A. Refer to revised full size drawing, included in this Addendum, for added demo exhaust fans.

24. Sheet MV101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added transfer/relief air.
 2. Added exhaust to custodian.

25. Sheet MV102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Added transfer air to all rooms.
2. Added exhaust ductwork to toilet rooms.
3. Added continuation note for mezzanine.
4. Added diffuser rebalance sheet note and tag.

26. Sheet MV103

- A. Refer to revised full size drawing, included in this Addendum, for new exhaust fans added.

27. Sheet MP103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added hot water and chilled water piping.
 2. Modified chiller location to existing concrete pad.

28. Sheet M-301

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added existing dampers.
 2. Added airflow measuring stations in ductwork.

29. Sheet M-401

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added piping to new VAV boxes.
 2. Added connection notes to air handlers.

30. Sheet M-501

- A. Refer to revised full size drawing, included in this Addendum, for exhaust fan data added to Mechanical Equipment Schedule.

31. Sheet E-001

- A. Refer to revised full size drawing, included in this Addendum, for TV symbol added to symbol list.

32. Sheet ED101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added General Sheet Note #6.
 2. Added panel name to 1L6.

33. Sheet ED102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added General Sheet Note #6.

34. Sheet ED103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added General Sheet Note #6.
 2. Added demo power connections for mechanical equipment.

35. Sheet ED104

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:

1. Added demo power connections for mechanical equipment.

36. Sheet EL101

- A. Refer to revised full size drawing, included in this Addendum, for light added to closet.

37. Sheet EL102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added fixture tags.
 2. Added occupancy sensors.

38. Sheet EL103

- A. Refer to revised full size drawing, included in this Addendum, for added fixture tags.

39. Sheet EP101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added power for copier.
 2. Adjusted receptacle(s) locations.

40. Sheet EP102

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Added floor box receptacles.
 2. Adjusted receptacle(s) locations.
 3. Added smoke detectors.
 4. Added hand dryers.
 5. Added fire alarm devices.
 6. Removed power panel.

41. Sheet EP103

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Adjusted receptacle(s) locations.
 2. Adjusted hatch.

42. Sheet EP104

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Removed mechanical power connection.
 2. Removed tags for mechanical equipment.

43. Sheet E-602

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 1. Updated mechanical connection schedule.
 2. Added light fixture to light schedule.

44. Sheet E-603

- A. Refer to revised full size drawing, included in this Addendum, for updated panel schedules.



GIBRALTAR

DESIGN

Jackson Elementary School Renovations

21-143

Pages 1 through 7, inclusive, and Forty-Two (42) Full-Size Drawings, constitute the total makeup of **Addendum Three**.



GIBRALTAR

DESIGN

Y:\21-143 Duneland SC - Jackson ES Additions and Renovations\Specs\ADDENDUM THREE\AD03.docx

DEMOLITION PLAN NOTES (CONTINUED):

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 34 REMOVE VCT/SHEET VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 35 REMOVE CURTAIN TRACK AND SUPPORT IN ITS ENTIRETY.
- 36 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- 37 REMOVE STAFF MAILBOX IN ITS ENTIRETY.
- 38 REMOVE FIRE EXTINGUISHER AND CABINET AND TURN OVER TO OWNER. PATCH WALL AS REQUIRED FOR NEW AND EXISTING TO BE SMOOTH AND FLUSH WITH NO VISIBLE JOINTS.
- 39 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 40 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 41 REMOVE PORTION OF METAL STUD AND GYPSUM BOARD/PLASTER WALL AS REQUIRED TO INSTALL NEW DOOR.
- 42 REMOVE MECHANICAL EQUIPMENT IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 43 EXISTING STEEL COLUMN TO REMAIN. PROTECT FROM DAMAGE.
- 44 REMOVE COVE PORTION OF EXISTING WALL TILE AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- 45 REMOVE ALL MOUNTED EQUIPMENT WITHIN ROOM. TURN OVER TO OWNER.
- 46 REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF CARRIER AT NEW URINAL OR WATER CLOSET.
- 47 REMOVE DOOR AND HARDWARE ONLY. PREP BOTH SIDES OF FRAME FOR NEW FINISHES.
- 48 REMOVE EXISTING DEMOUNTABLE PARTITION IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO WALL PANELS, DOORS, FRAME, AND BORROWED LITES.
- 49 TEMPORARILY REMOVE, STORE AND RELOCATE EXISTING CASEWORK/MILLWORK/SHELVING. PATCH AND PREP FOR NEW FINISHES.
- 50 REMOVE PARTIAL HEIGHT WALL INCLUDING BUT NOT LIMITED TO TILE, MARBLE COUNTERTOP GYPSUM BOARD/PLASTER, AND METAL STUDS.
- 51 REMOVE CARD READER FROM EXISTING DOOR. PREP FOR NEW HARDWARE.
- 52 EXISTING BULKHEAD TO REMAIN. PROTECT FROM DAMAGE.
- 53 EXISTING SUMP PIT. PROTECT FROM DAMAGE.
- 54 EXISTING CEILING MOUNTED MECHANICAL EQUIPMENT TO REMAIN. PROTECT FROM DAMAGE.
- 55 REMOVE HOLLOW METAL DOOR AND HARDWARE, FRAME TO REMAIN.
- 56 REMOVE WALL TILE IN ITS ENTIRETY. PREPARE FOR NEW FINISHES.
- 57 REMOVE EXISTING CONCRETE PAD FOR CHILLER. ADJUST EXISTING GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM LOCATION OF PAD AND BUILDING WITHOUT ANY AREAS OF PONDING. PREPARE SUB-GRADE FOR NEW CONCRETE PAD.
- 58 PROTECT EXISTING MILLWORK TO REMAIN.

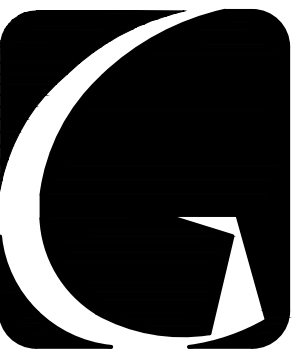
GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. CONSTRUCT DUST CONTROL BARRIERS PRIOR TO STARTING DEMOLITION TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. PERFORM DEMOLITION WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILINGS, ETC. TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
- P. THE OWNER, PRIOR TO DEMOLITION WILL REMOVE ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 REMOVE MASONRY AND STUD WALL FOR NEW WINDOW. REFER TO STRUCTURAL FOR LINTEL.
- 2 REMOVE INSULATED GLAZING FROM EXISTING ALUMINUM FRAMES. FRAMES TO REMAIN.
- 3 REMOVE ALUMINUM DOOR AND FRAME IN ITS ENTIRETY. BEING CAREFUL NOT TO HARM EXISTING BRICK MASONRY WALL.
- 4 REMOVE DOOR AND FRAME IN ITS ENTIRETY.
- 5 SAWCUT AND REMOVE CONCRETE FLOOR FOR NEW STEEL COLUMNS AND FOUNDATIONS. REFER TO STRUCTURAL.
- 6 WITHIN LIMITS SHOWN REMOVE MARKER BOARDS, TACK BOARDS, CASEWORK, FLOORING.
- 7 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 8 SHORE AND BRACE ROOF STRUCTURE TO REMOVE PORTION OF EXISTING STEEL COLUMN BELOW NEW TRANSFER BEAM. SEE STRUCTURAL. SAWCUT AND REMOVE CONCRETE SLAB.
- 9 REMOVE WALKOFF MAT, FLOORING, AND BASE WITHIN LIMITS OF VESTIBULE.
- 10 EXISTING GYPSUM BOARD AND STUD WALL TO REMAIN. PATCH/REPAIR WALL FOR NEW FINISHES.
- 11 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 12 NOT USED.
- 13 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR TO ACCEPT NEW FINISHES.
- 14 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 15 REMOVE TACK BOARD, MARKER, OR CHALKBOARD IN THEIR ENTIRETY PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 16 REMOVE BULKHEAD IN ITS ENTIRETY.
- 17 REMOVE WOOD CUBBIES IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 18 REMOVE MASONRY WALL (FOR NEW CONSTRUCTION). PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 19 REMOVE ALUMINUM STOREFRONT IN ITS ENTIRETY. PATCH ADJACENT WALLS DAMAGED DURING REMOVAL WITH NEW GYPSUM BOARD.
- 20 APPROXIMATE LOCATION OF ABANDONED 48" DIAMETER CONCRETE PIPE UNDER FLOOR SLAB.
- 21 REMOVE REFRIGERATOR TURN OVER TO OWNER.
- 22 REMOVE TECHNOLOGY EQUIPMENT. REFER TO TECHNOLOGY DRAWINGS.
- 23 REMOVE ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS.
- 24 REMOVE EXISTING DEPRESSED MAT IN ITS ENTIRETY. PREPARE SUBSTRATE FOR NEW FINISH.
- 25 REMOVE EXISTING BORROWED LITE. PATCH AND REPAIR WALL TO ACCEPT NEW FINISHES.
- 26 REMOVE PORTION OF WALL FOR WINDOW OPENING. PATCH AND REPAIR WALL TO ACCEPT NEW FINISHES. REFER TO STRUCTURAL FOR LINTEL AND HEADER.
- 27 RELOCATE VENDING MACHINE. COORDINATE WITH OWNER.
- 28 REMOVE DOOR AND HARDWARE. PROTECT FRAME FOR REUSE.
- 29 REMOVE WALL PADDING IN ITS ENTIRETY.
- 30 REMOVE DISPLAY CASE IN ITS ENTIRETY.
- 31 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 32 TEMPORARILY REMOVE, STORE AND REPLACE CEILING PADS, AND GRID AS REQUIRED FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION WORK. REPLACE ALL TILES DAMAGED DURING REMOVAL AND REINSTALLATION.
- 33 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES. WHERE APPLICABLE REMOVE CARPET BASE IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES. REFER TO CARPET BASE DEMO DETAIL ON SHEET AD-101.



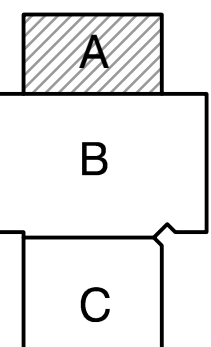
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PROJECT

**JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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PROJECT

21-143

DATE

10/31/22

COORDINATED BY

JMG

DRAWN BY

MMM

CHECKED BY

DJW

REGISTERED

NO.

19600171

STATE OF

INDIANA

ARCHITECT

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REVISIONS

MARK

DATE

ISSUED FOR

AD-3 11/23/22 ADDENDUM NO. 3

DRAWING

**UNIT "A" ARCHITECTURAL
FIRST FLOOR DEMOLITION
PLAN**

PROJECT

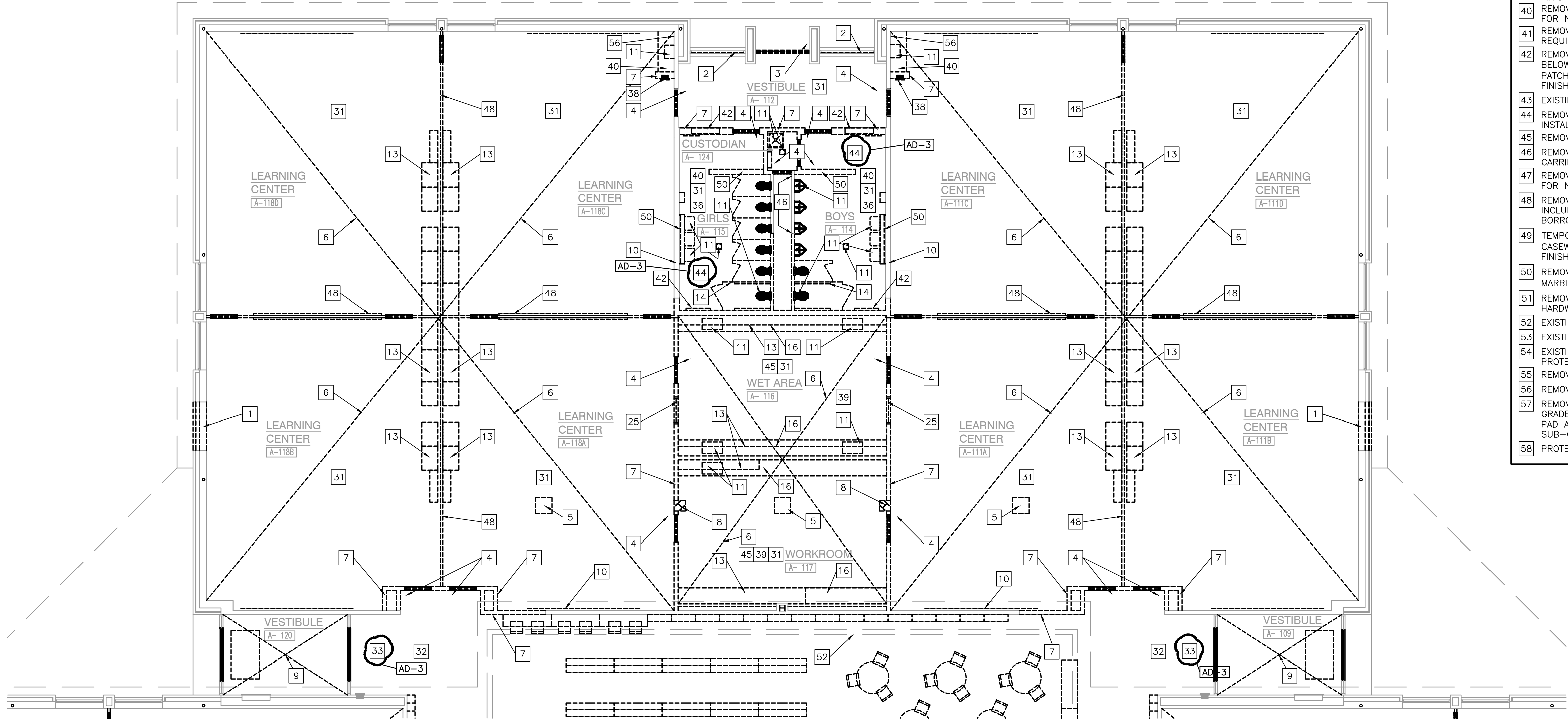
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SHEET

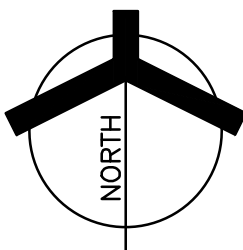
A

AD101



UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

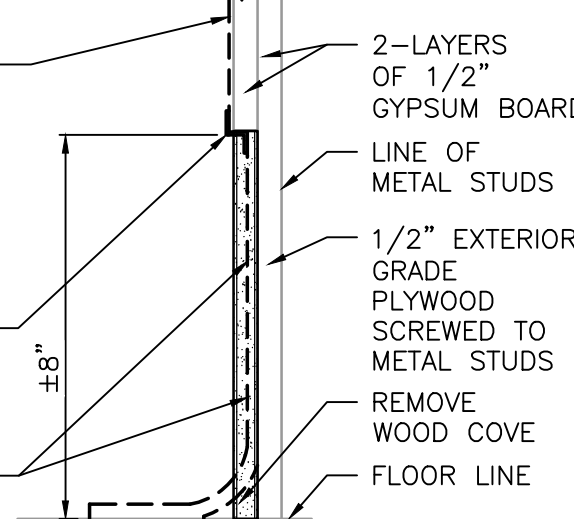
SCALE: 1/8" = 1'-0"



REMOVE FABRIC
WALL COVERING
IN ITS ENTIRETY.
PREPARE WALL FOR
NEW FINISHES

REMOVE ALUMINUM
EXTRUSION IN ITS
ENTIRETY. INSTALL
1/2" GYPSUM
BOARD TO FILL IN
RECESS AND
FINISH SMOOTH TO
ADJACENT WALL

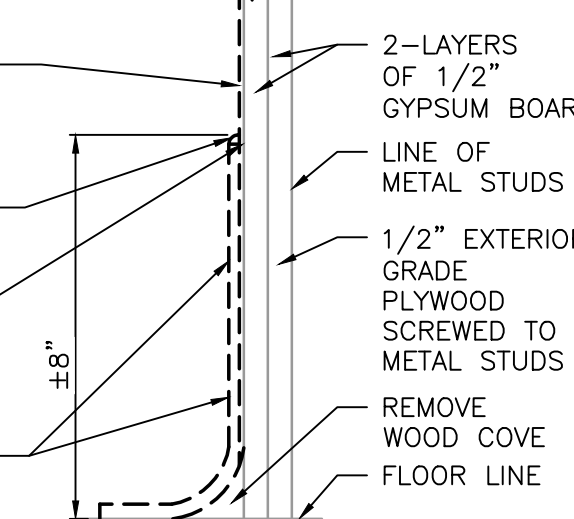
REMOVE CARPET
IN ITS ENTIRETY.
PREPARE WALL
FOR NEW FINISHES



REMOVE FABRIC
WALL COVERING
IN ITS ENTIRETY.
PREPARE WALL FOR
NEW FINISHES

REMOVE ALUMINUM
EXTRUSION IN ITS
ENTIRETY. INSTALL
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BOARD TO FILL IN
RECESS AND
FINISH SMOOTH TO
ADJACENT WALL

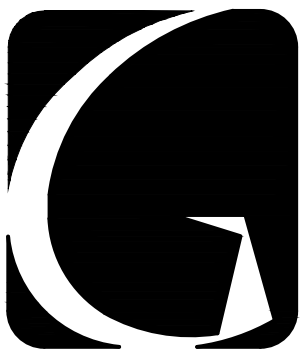
REMOVE CARPET
IN ITS ENTIRETY.
PREPARE WALL
FOR NEW FINISHES



CARPET BASE DEMO DETAIL

SCALE: 3" = 1'-0"

AD-3

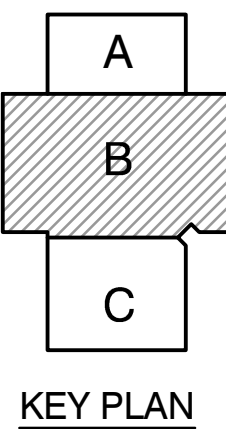


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PROJECT

21-143

DATE

10/31/22

COORDINATED BY

JMG

DRAWN BY

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CHECKED BY

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	11/09/22	ADDENDUM NO. 1
AD-3	11/23/22	ADDENDUM NO. 3

DRAWING

**UNIT "B" ARCHITECTURAL
FIRST FLOOR DEMOLITION
PLAN**

PROJECT

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DRAWING

**UNIT "B" ARCHITECTURAL
FIRST FLOOR DEMOLITION
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GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO 'C' SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. 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.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

- ◻ INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ◊ INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- ALIGN NEW WALL TO EXISTING WALL OR JAMB.
- DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON THIS PLAN)
- CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
- DISPLAY BOARD/PROJECTOR/TV MONITOR (TYP), REFER TO EQUIPMENT PLANS.
- PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS.
- FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
- MOP SINK, REFER TO PLUMBING DRAWINGS.
- BRONZE PLAQUE, REFER TO SPECIFICATIONS.
- ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
- ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
- CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
- UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- ROOF CONDUCTOR, REFER TO MECHANICAL DRAWINGS.
- SEMI-RECESSED FIRE EXTINGUISHER CABINET.
- KNOX BOX.
- CEILING CURTAIN TRACK.
- NOT USED.
- STAFF MAILBOX, REFER TO EQUIPMENT PLANS.
- NOT USED.
- DOWNSPOUT, REFER TO ROOF PLAN.
- DASHED LINE INDICATES NEW PARTIAL DROP CEILING, REFER TO REFLECTED CEILING PLANS.
- NOT USED.
- AT ALL EXISTING TILE WALLS WITHIN NEW ROOM SHOWN, INSTALL 1/2" TILE BACKER BOARD OVER EXISTING TILE TO REMAIN. NEW WALL CONSTRUCTION TO BE FLUSH WITH FACE OF NEW TILE BACKER BOARD, REFER TO FINISH PLANS AND FINISH LEGEND FOR NEW WALL FINISHES.
- PROVIDE "ARDEX" FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH.
- PARTIALLY FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH. NEW FINIS TO BE FLUSH WITH EXISTING.
- NOT USED.
- RE-INSTALL PREVIOUSLY REMOVED WATER CLOSETS WITH FOUR (4) NEW CARRIER RODS AT EACH.
- RE-INSTALL PREVIOUSLY REMOVED ACCESS PANELS.
- PAINT EXISTING DOOR AND WINDOW FRAME FRONT AND BACK.
- APPLY FILM TO EXISTING GLAZING.
- INSTALL NEW CONCRETE EQUIPMENT PAD FOR NEW CHILLER IN APPROXIMATE LOCATION OF EXISTING PAD. COORDINATE SIZE WITH MECHANICAL EQUIPMENT SUPPLIER. REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS.
- INSTALL NEW TOILET PARTITIONS.

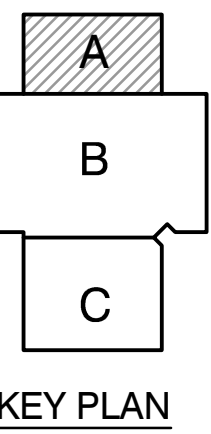


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**JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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Phone: 317.580.5777 Fax: 317.580.5778

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21-143

DATE

10/31/22

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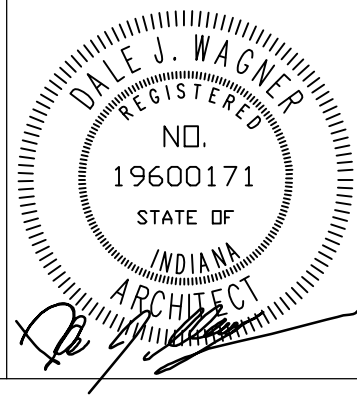
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DRAWING

**UNIT 'A' ARCHITECTURAL
FIRST FLOOR PLAN**

PROJECT

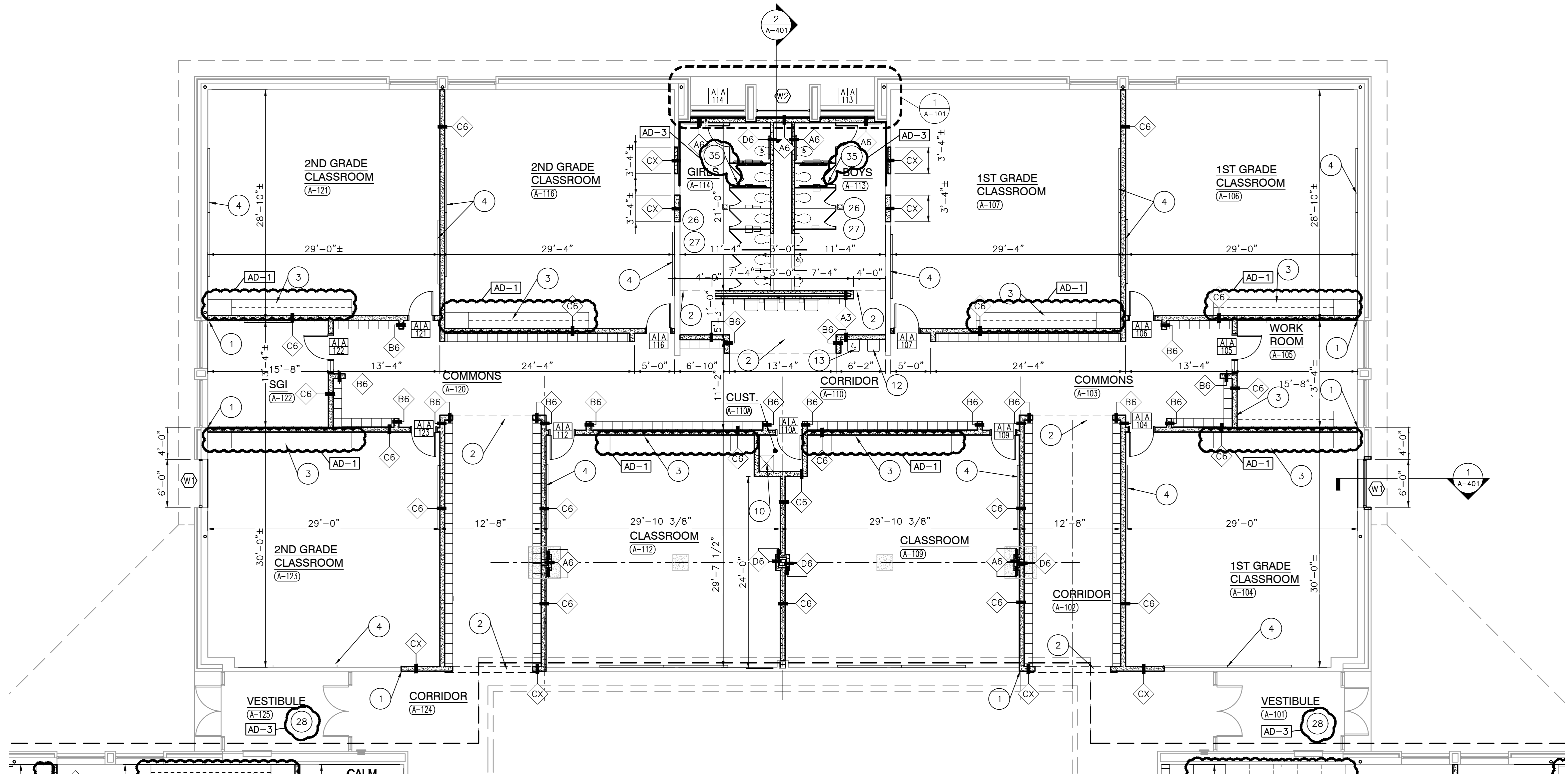
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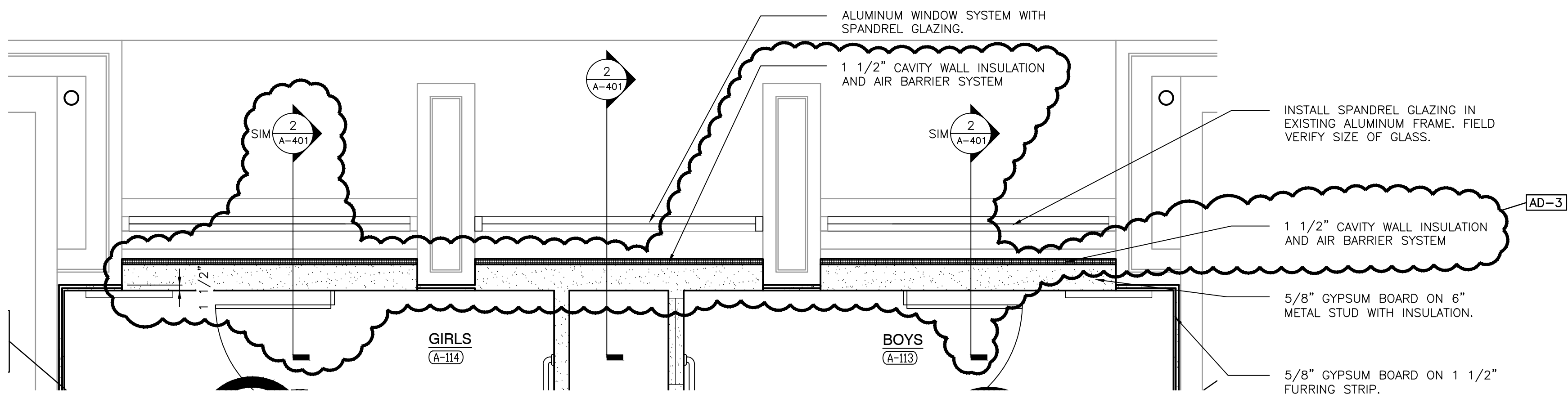
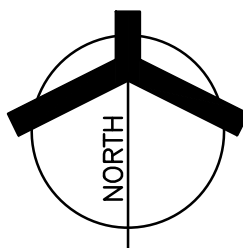
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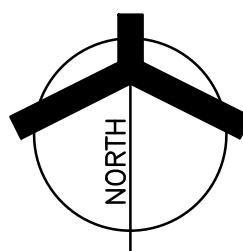
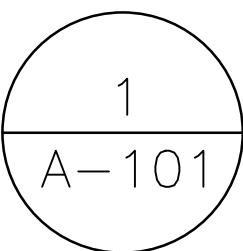
UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

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



PLAN DETAIL

SCALE: 1/2" = 1'-0"



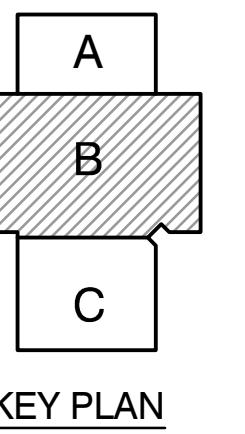


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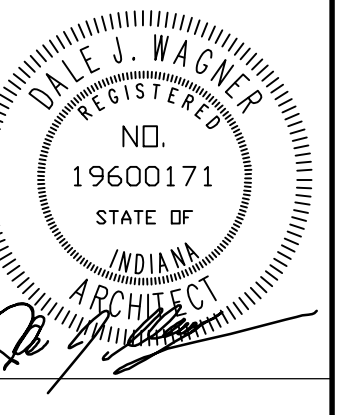
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**UNIT "B" ARCHITECTURAL
FIRST FLOOR PLAN**

PROJECT

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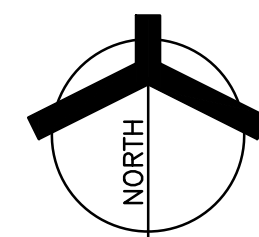
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B

A-102

UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

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



PLAN LEGEND:

- INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

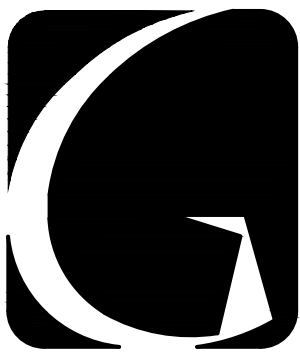
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- ALIGN NEW WALL TO EXISTING WALL OR JAMB.
- DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON THIS PLAN)
- CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
- DISPLAY BOARD/PROJECTOR/TV MONITOR (TYP), REFER TO EQUIPMENT PLANS.
- PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS.
- FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
- MOP SINK, REFER TO PLUMBING DRAWINGS.
- BRONZE PLAQUE, REFER TO SPECIFICATIONS.
- ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
- ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
- CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
- UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
- SEMI-RECESSED FIRE EXTINGUISHER CABINET.

GENERAL PLAN NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- 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.
- MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

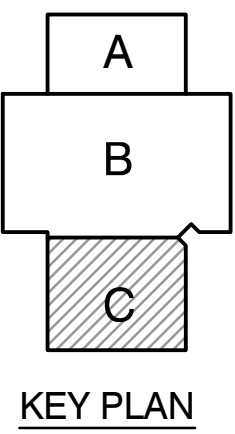
- KNOX BOX.
- CEILING CURTAIN TRACK.
- NOT USED.
- STAFF MAILBOX, REFER TO EQUIPMENT PLANS.
- NOT USED.
- DOWNSPOUT, REFER TO ROOF PLAN.
- REFLECTED LINE INDICATES NEW PARTIAL DROP CEILING, REFER TO REFLECTED CEILING PLANS.
- NOT USED.
- AT ALL EXISTING TILE WALLS WITHIN NEW ROOM SHOWN, INSTALL 1/2" TILE BACKER BOARD OVER EXISTING TILE TO REMAIN. NEW WALL CONSTRUCTION TO BE FLUSH WITH FACE OF NEW TILE BACKER BOARD, REFER TO FINISH PLANS AND FINISH LEGEND FOR NEW WALL FINISHES.
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- NOT USED.
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- INSTALL NEW TOILET PARTITIONS.



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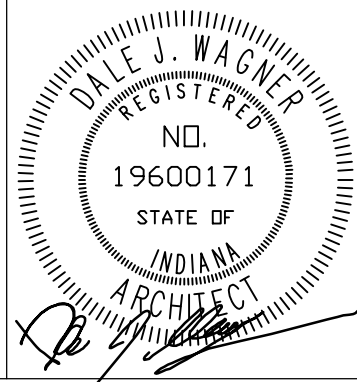
PROJECT
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DRAWING
**UNIT "C" ARCHITECTURAL
FIRST FLOOR PLAN**

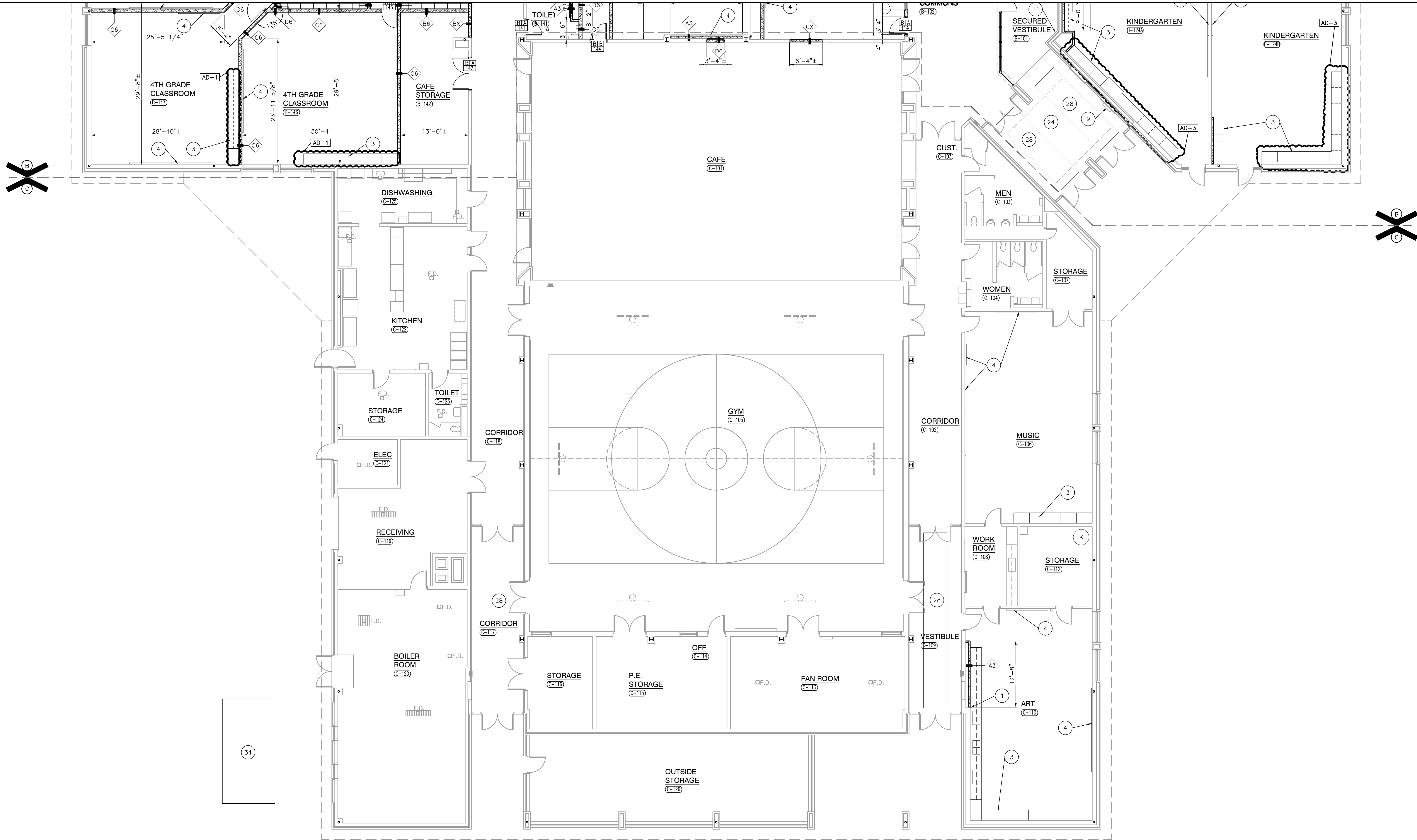
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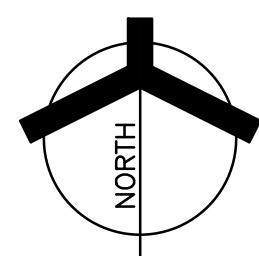
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A-103



UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

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



- 18 KNOX BOX.
19 CEILING CURTAIN TRACK.
20 NOT USED.
21 STAFF MAILBOX, REFER TO EQUIPMENT PLANS.
22 NOT USED.
23 DOWNSPOUT, REFER TO ROOF PLAN.
24 DASHED LINE INDICATES NEW PARTIAL DROP CEILING, REFER TO REFLECTED CEILING PLANS.
25 NOT USED.
26 AT ALL EXISTING TILE WALLS WITHIN NEW ROOM SHOWN, INSTALL 1/2" TILE BACKER BOARD OVER EXISTING TILE TO REMAIN. NEW WALL CONSTRUCTION TO BE FLUSH WITH FACE OF NEW TILE BACKER BOARD, REFER TO FINISH PLANS AND FINISH LEGEND FOR NEW WALL FINISHES.
27 PROVIDE "ARDEX" FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH.
28 PARTIALLY FILL IN RECESSED FLOOR WITH ARDEX, PREP TO RECEIVE NEW FLOOR FINISH, NEW FINIS TO BE FLUSH WITH EXISTING.
29 NOT USED.
30 RE-INSTALL PREVIOUSLY REMOVED WATER CLOSETS WITH FOUR (4) NEW CARRIER RODS AT EACH.
31 RE-INSTALL PREVIOUSLY REMOVED ACCESS PANELS.
32 PAINT EXISTING DOOR AND WINDOW FRAME FRONT AND BACK.
33 APPLY FILM TO EXISTING GLAZING.
34 INSTALL NEW CONCRETE EQUIPMENT PAD FOR NEW CHILLER IN APPROXIMATE LOCATION OF EXISTING PAD, COORDINATE SIZE WITH MECHANICAL EQUIPMENT SUPPLIER, REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS.
35 INSTALL NEW TOILET PARTITIONS.

PLAN LEGEND:

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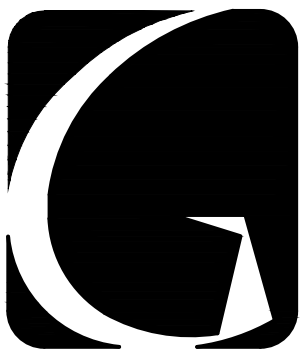
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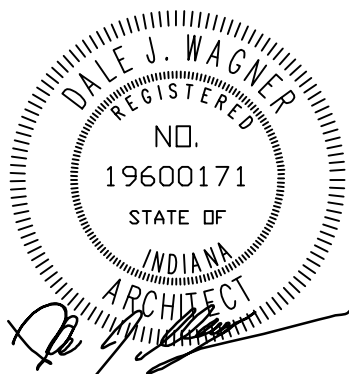
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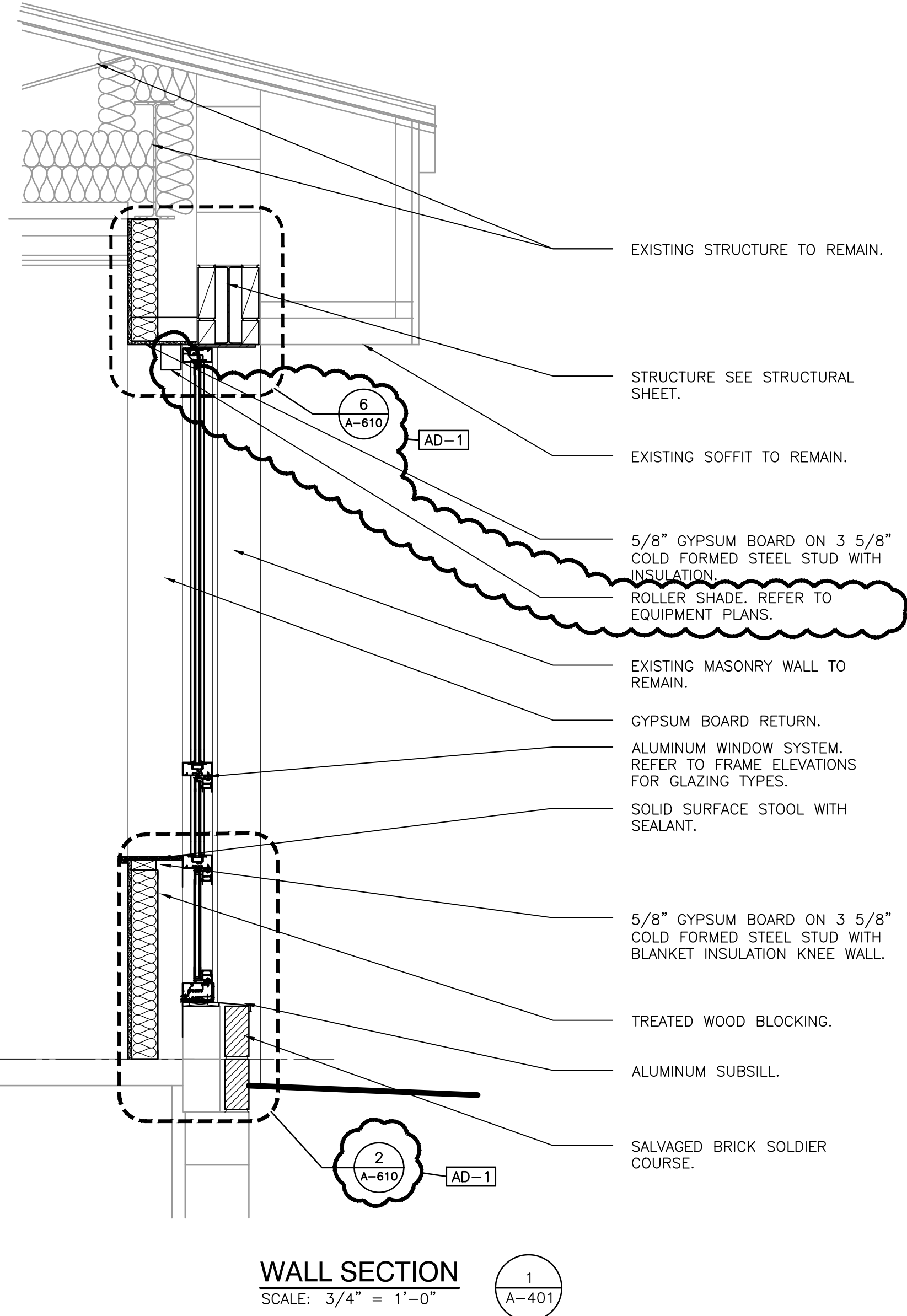
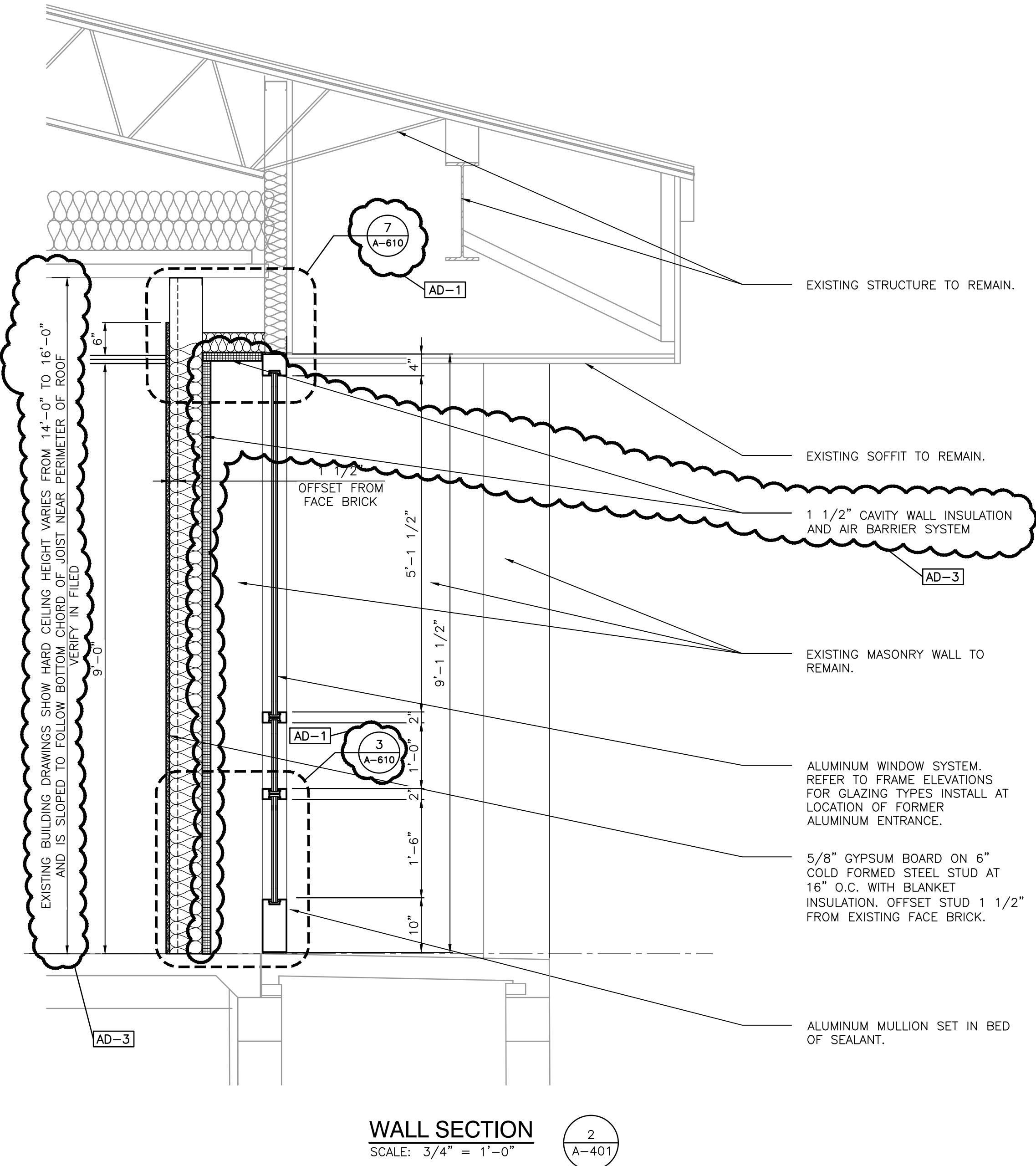
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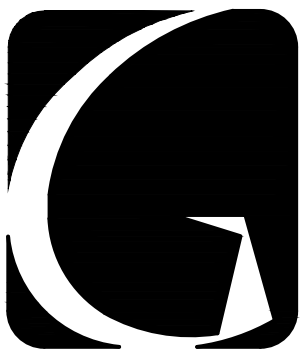
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WALL SECTIONS

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JACKSON ES - RENOVATIONS

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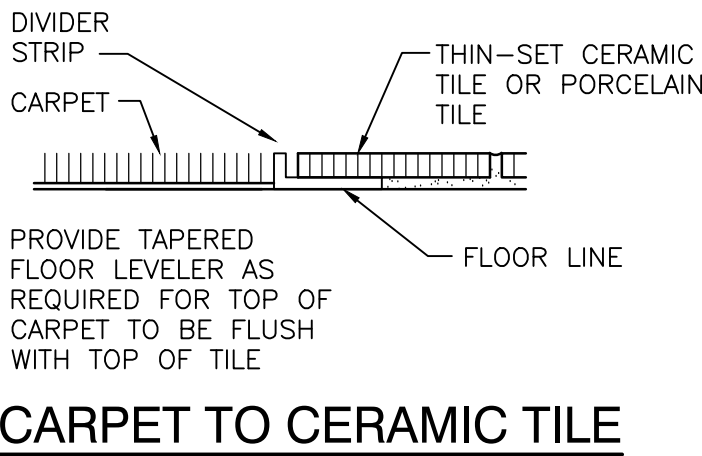
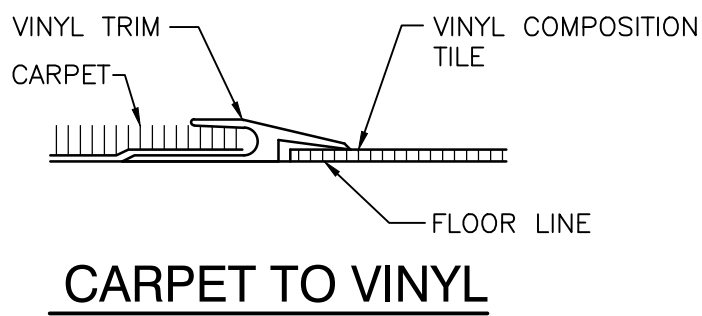
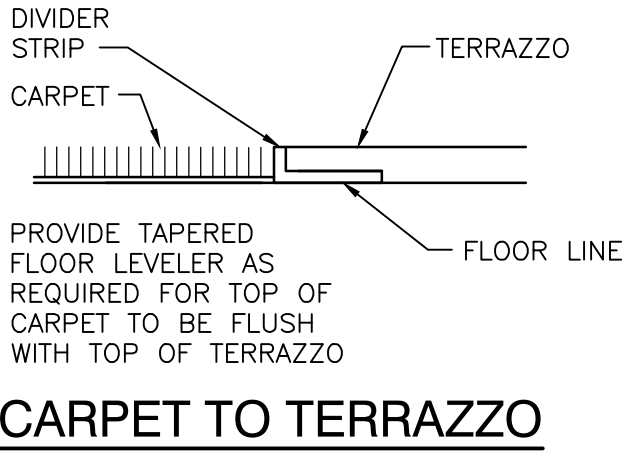
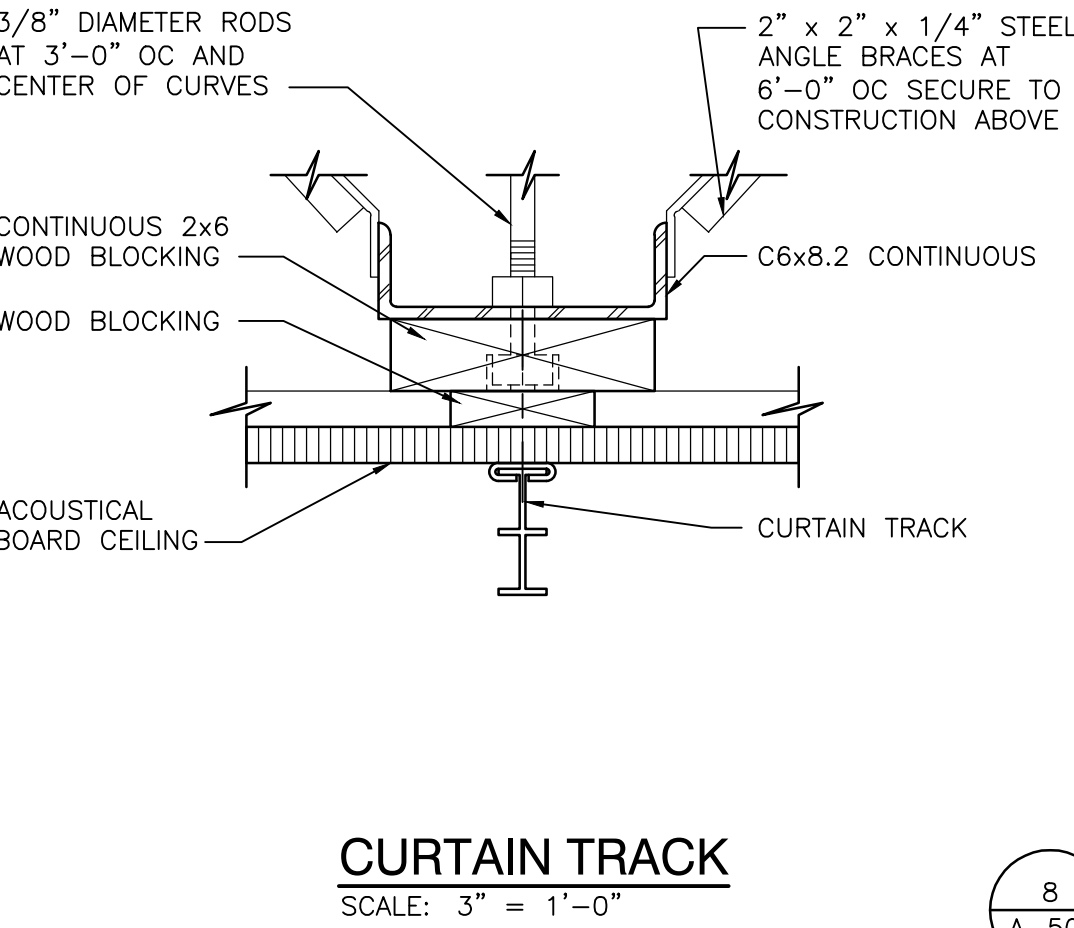
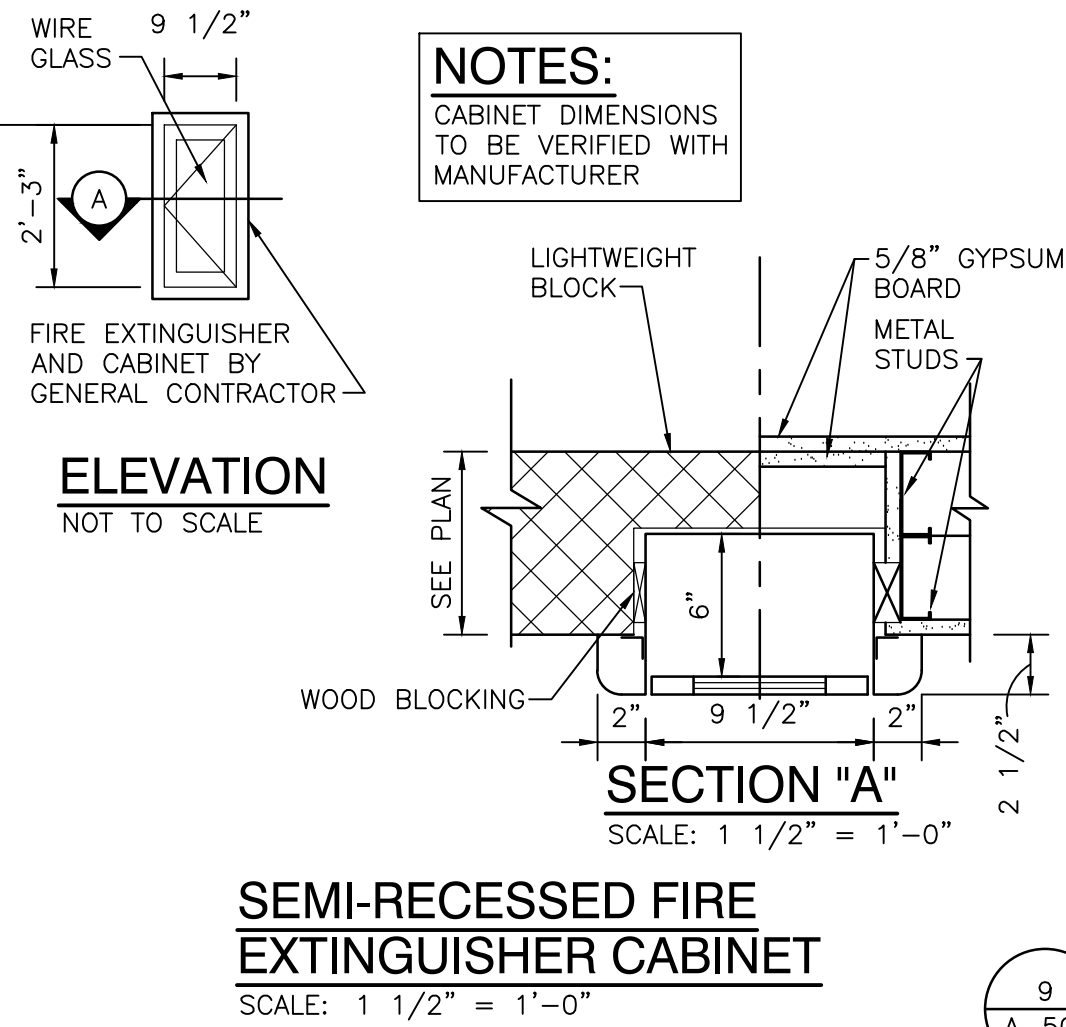
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MARK	DATE	ISSUED FOR
AD-3	11/23/22	ADDENDUM NO. 3

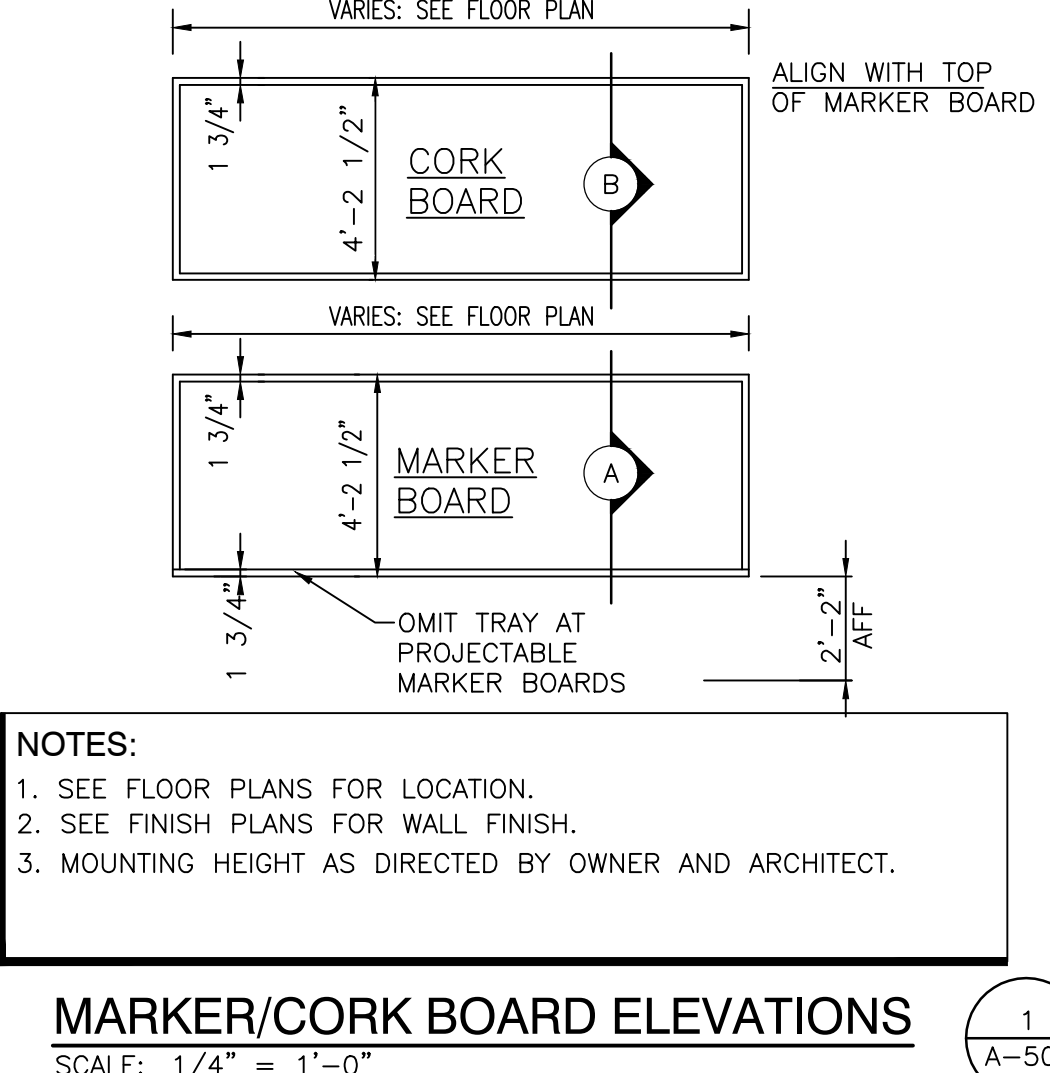
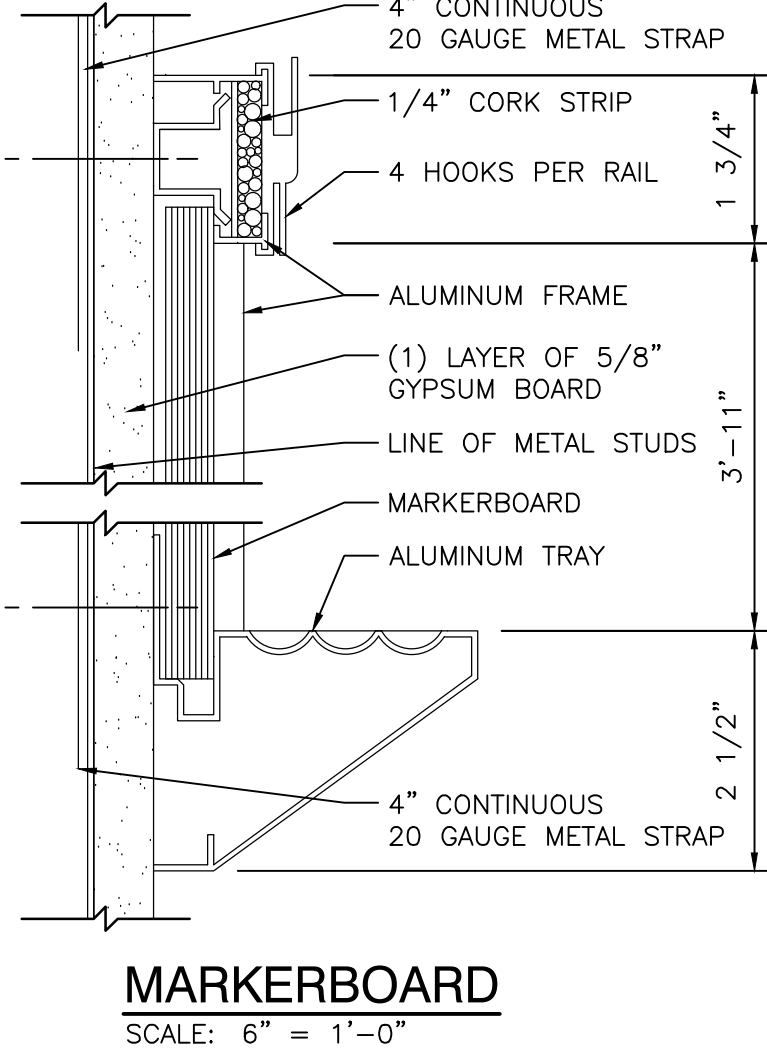
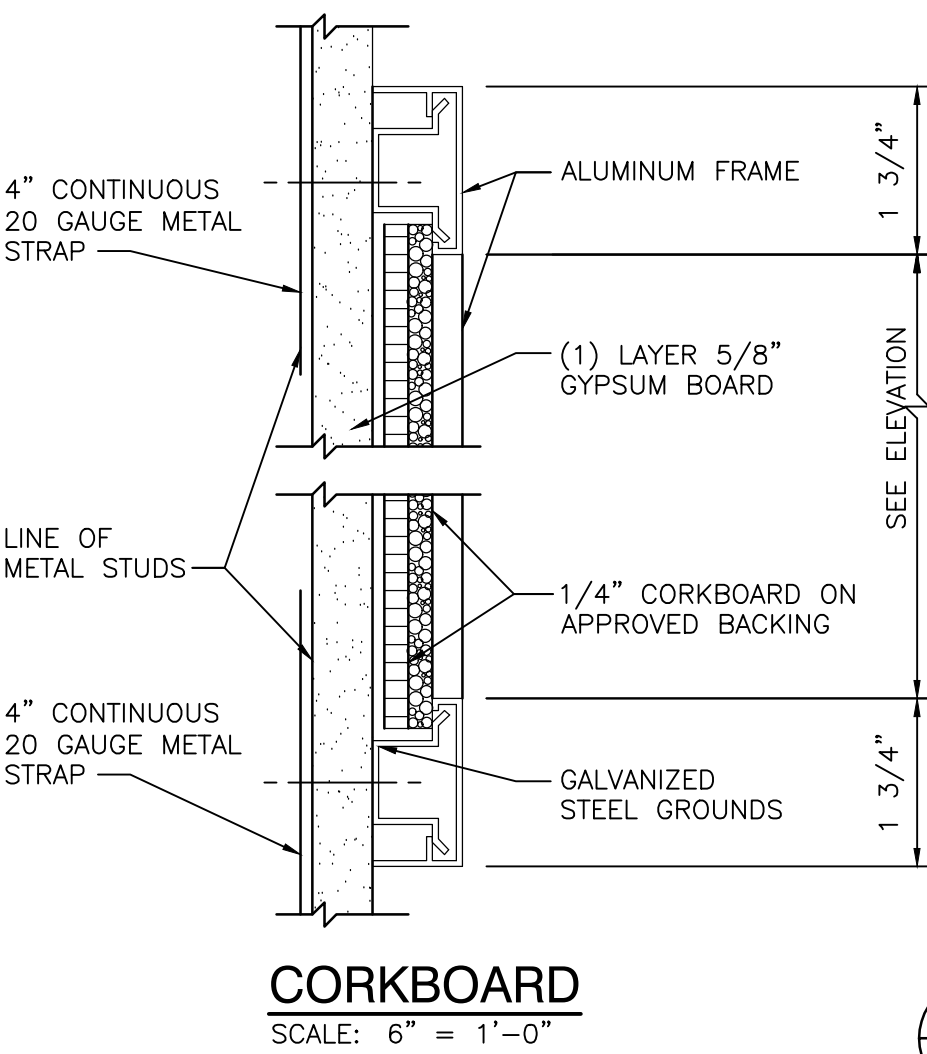
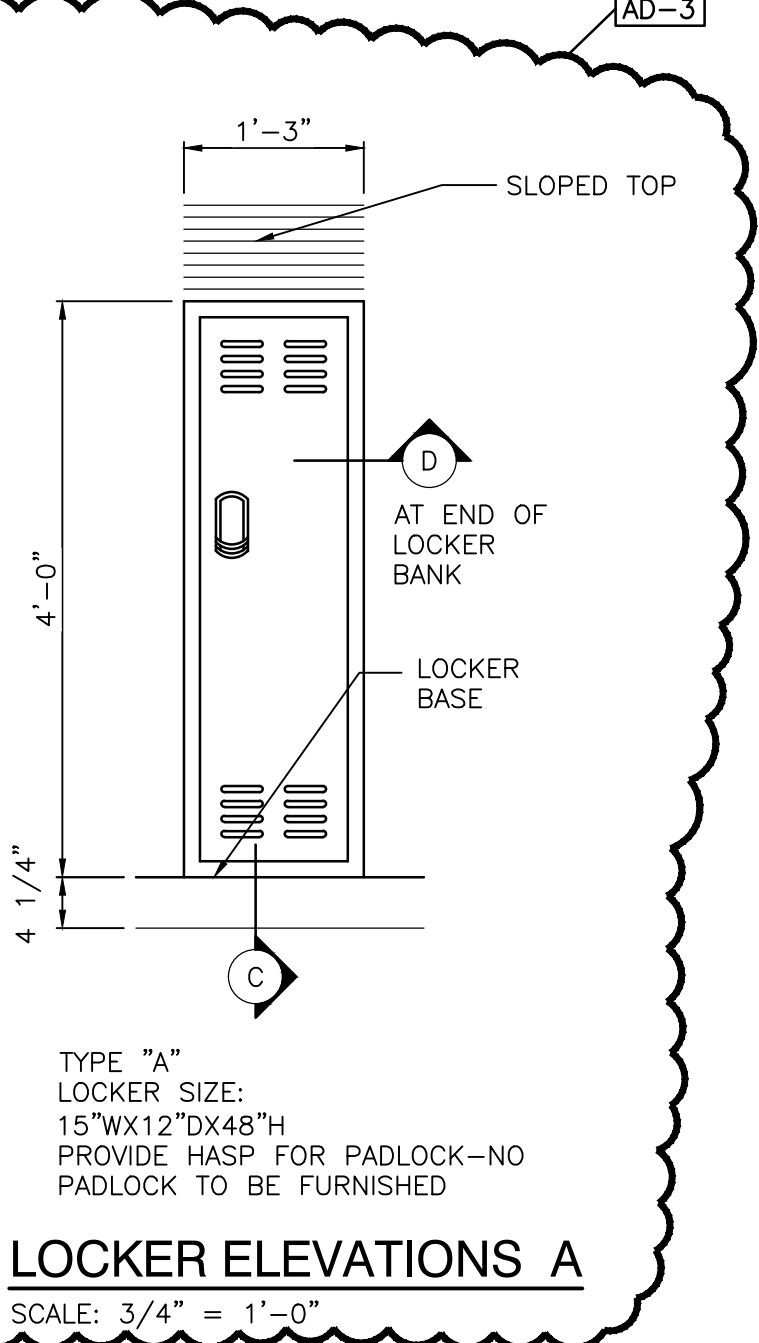
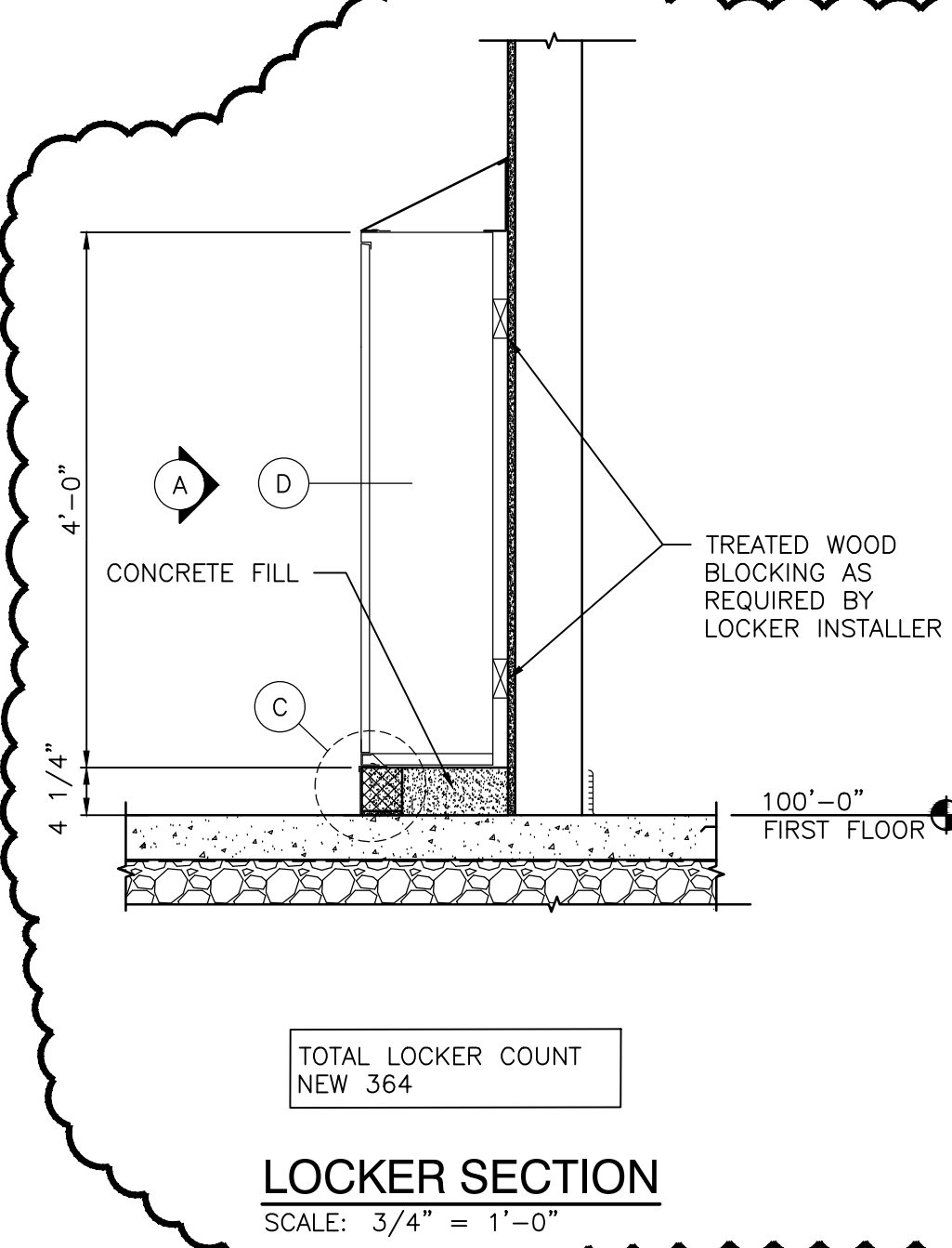
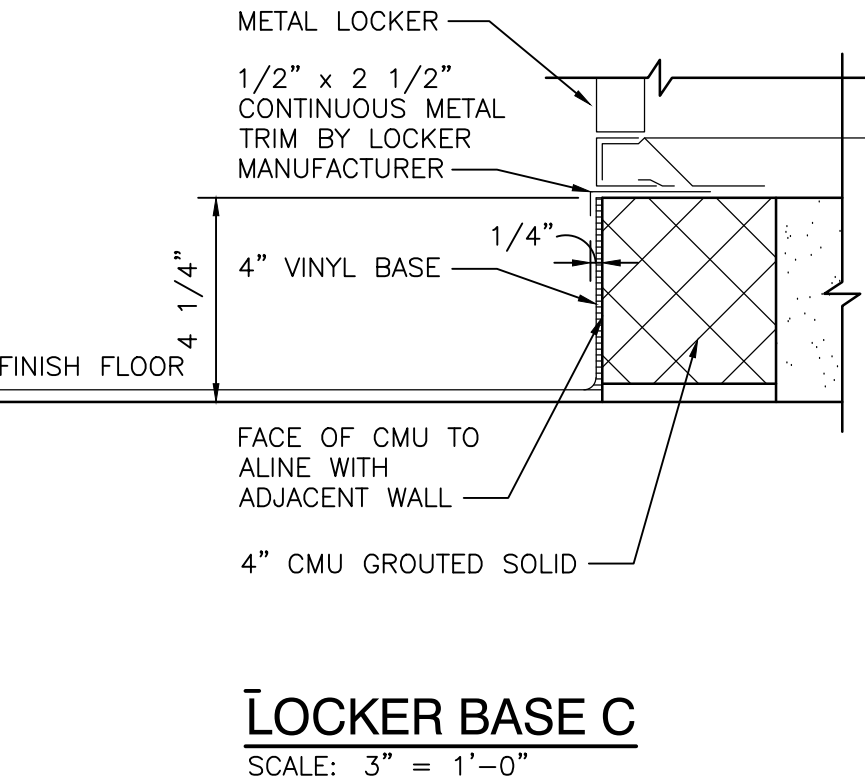
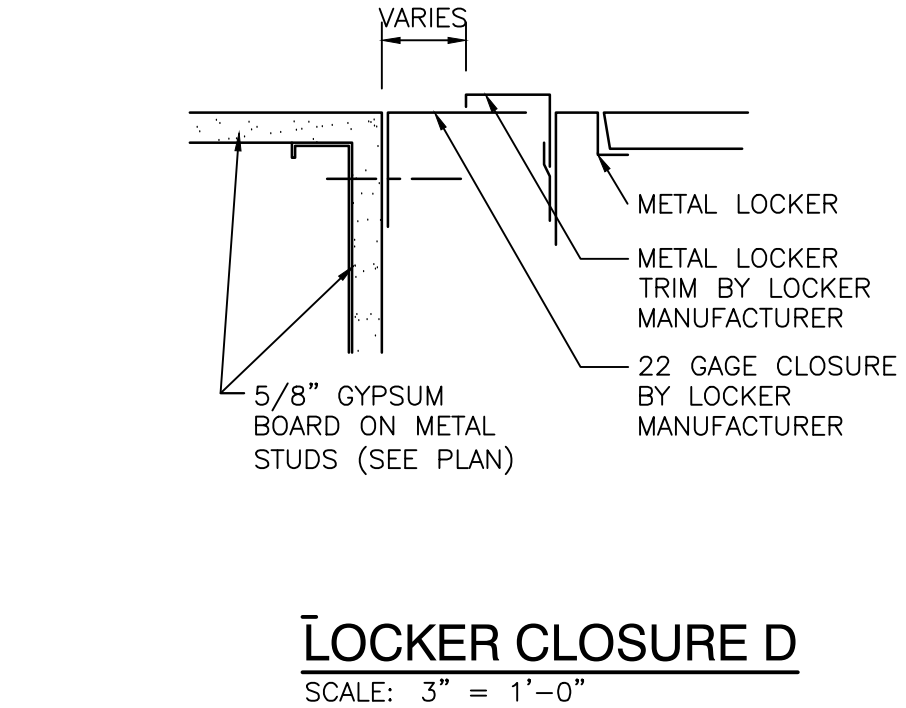
DRAWING
TYPICAL DETAILS

PROJECT
JACKSON ES - RENOVATIONS

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A-501



FLOOR TRANSITION DETAILS
SCALE: 6" = 1'-0"



Tuesday, 11/22/2022 - 12:30 PM - LAST SAVED BY: GIBRALTAR
Y:\21-143 DUNELAND SC - JACKSON ES ADDITIONS AND RENOVATIONS\21-143 DRAWINGS\05 ARCH\A-702.DWG

OWNER FURNISHED EQUIPMENT
PLAN NOTES:

- (50) LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
(51) COMPUTER/MONITOR, BY OWNER
(52) PRINTER/COPYER, BY OWNER
(53) REFRIGERATOR WITH ICE MAKER, BY OWNER
(54) SHELVING, BY OWNER.
(55) FILE CABINET, BY OWNER.
(56) MICROWAVE, BY OWNER.
(57) VENDING MACHINE, BY OWNER.
(58) CLINIC COTS, BY OWNER.
(59) KILN, BY OWNER.
(60) PIANO, BY OWNER.
(61) CHANGING TABLE, BY OWNER.

EQUIPMENT PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- (1) CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER).
(2) NOT USED
(3) PAPER TOWEL AND SOAP DISPENSER, OFCI.
(4) DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
(5) NOT USED
(6) LOCKERS, SEE DETAILS.
(7) SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS.

GENERAL EQUIPMENT PLAN NOTES:

- A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.
- EQUIPMENT PLAN LEGEND:**
- INDICATES CASEWORK ELEVATION SYMBOL - REFER TO A-800 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
--- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
--- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(1" CG) INDICATES CORNER GUARD.
(TB) INDICATES 4" 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.
(PMB) INDICATES 4" HIGH PROJECTABLE MARKER BOARD. REFER TO MOUNTING HEIGHT DRAWING.
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.



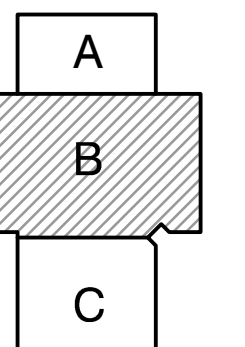
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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Phone: 317.580.5777 Fax: 317.580.5778

PROJECT

21-143

DATE

10/31/22

COORDINATED BY

MMM

DRAWN BY

CLN, AB

CHECKED BY

DJW

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	11/09/22	ADDENDUM NO. 1
AD-3	11/23/22	ADDENDUM NO. 3

DRAWING

**UNIT "B" FIRST FLOOR
EQUIPMENT PLAN**

PROJECT

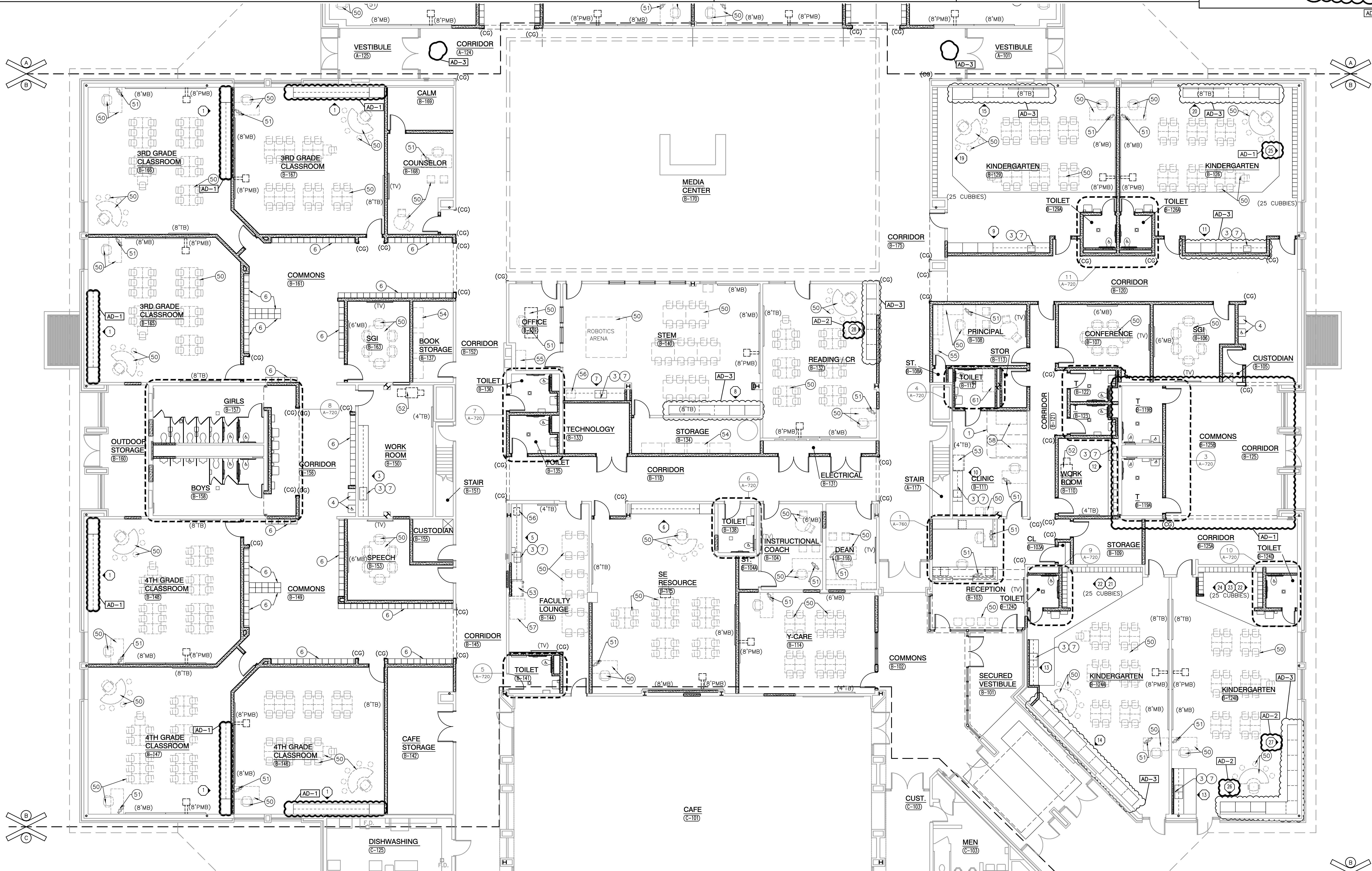
JACKSON ES - RENOVATIONS

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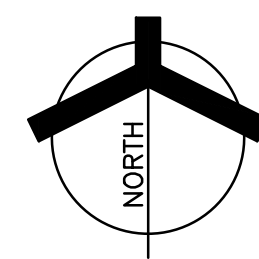
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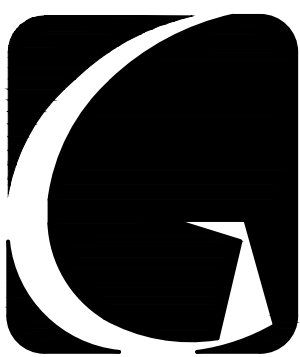
UNIT "B" FIRST FLOOR EQUIPMENT PLAN

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



PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
B1	10432	36"	24"D X 29"H BASE, 2 DOORS, ADJUSTABLE SHELF
B2	10446	36"	24"D X 29"H BASE, 1 DRAWERS, 2 DOORS, ADJUSTABLE SHELF
B3	10129	36"	24"D X 29"H BASE, 2 DOORS, ADJUSTABLE SHELF
B4	10120	24"	24"D X 29"H BASE, 1 DOOR, RIGHT HINGED, ADJUSTABLE SHELF
B5	10121	18"	24"D X 29"H BASE, 1 DOOR, LEFT HINGED, ADJUSTABLE SHELF
B6	10432	36"	24"D X 32"H BASE, 2 DRAWERS, 2 DOORS, ADJUSTABLE SHELF
B7	10421	18"	24"D X 32"H BASE, 1 DRAWER, 1 R HINGE DOOR, ADJUST. SHELF
B8	10315	24"	24"D X 29"H BASE, 2 DRAWERS
B9	10121	24"	24"D X 29"H BASE, 1 DOOR, LEFT HINGED, ADJUSTABLE SHELF
B10	10120	18"	24"D X 29"H BASE, 1 DOOR, RIGHT HINGED, ADJUSTABLE SHELF
B11	10422	18"	24"D X 32"H BASE, 1 DRAWER, DOOR L HINGE, ADJUST. SHELF
B12	10403	48"	29"D X 29"H BASE, 4 EQUAL FULL EXTENSION DRAWERS
B13	10120	21"	29"D X 29"H BASE, 1 DOOR, RIGHT HINGED, ADJUSTABLE SHELF
SB1	10479	36"	24"D X 29"H FALSE FRONT, DOORS, REMOVABLE BACK
SB2	10479	36"	24"D X 32"H FALSE FRONT, DOORS, REMOVABLE BACK
SB3	10577	36"	24"D X 29"H ADA SINK BASE, ACCESS PANEL
W1	16129	36"	14"D X 30"H WALL, 2 DOOR, ADJUSTABLE SHELVES
W2	16129	36"	14"D X 18"H WALL, 2 DOOR, ADJUSTABLE SHELVES
W3	16129	39"	14"D X 30"H WALL, 2 DOOR, ADJUSTABLE SHELVES
W4	16120	24"	14"D X 30"H WALL, DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W5	16121	18"	14"D X 30"H WALL, DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W6	16120	18"	14"D X 30"H WALL, DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W7	16121	24"	14"D X 30"H WALL, DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W8	16294	36"	14"D X 30"H WALL, 2 DOOR, LOCKABLE HARCOTHS LOCKER
W9	16120	21"	14"D X 30"H WALL, DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
T1	26609	36"	24"D X 84"H TALL WARDROBE, 2 DOORS, FILE UNIT, LOCKABLE
T2	26129	36"	24"D X 84"H TALL STORAGE, 2 DOORS, ADJUSTABLE SHELF
T3	26121	24"	24"D X 84"H TALL STORAGE, DOOR LEFT HINGE, ADJUST. SHELVES
C1	62034	40"	14"D X 49"H LOCKERS
C2	62033	30"	14"D X 49"H LOCKERS
C3	62032	20"	14"D X 49"H LOCKERS
M1	22241	30"	24" D X 42" H OPEN MAIL SLOTS



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SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

GENERAL NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND IN 7'-00" SERIES DRAWINGS FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
- VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
- ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH AND/OR ENDSPLASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE).
- PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS AND 1MM BACKSPLASHES.
- PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.
- ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINERY (UNLESS NOTED OTHERWISE).
- ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.
- PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).
- FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD. CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.
- PROVIDE LOCKS ON WARDROBE UNITS ONLY UNLESS NOTED OTHERWISE, KEYED ALIKE BY ROOM.
- ALL ADJOINING CABINETS SHALL BE ALIGNED.
- WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.
- CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
- PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.
- PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING INSTALLER.
- REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
- REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.
- ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.
- REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

KEY NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- LINE OF FINISHED FLOOR
- WALL LINE
- 30"D COUNTERTOP WITH 4" BACKSPLASH UNLESS NOTED OTHERWISE
- FINISHED BACK/END PANEL
- PAPER TOWEL DISPENSER (OFCI)
- 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
- SOAP DISPENSER (OFCI)
- SLOPED TOP (CONTINUOUS)
- FILLER PANEL FINISHED TO MATCH FACE OF CABINETS.
- 25"D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
- SINK, REFERENCE PLUMBING DRAWINGS

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PROJECT
21-143
DATE
10/31/22
COORDINATED BY
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CLN, AB
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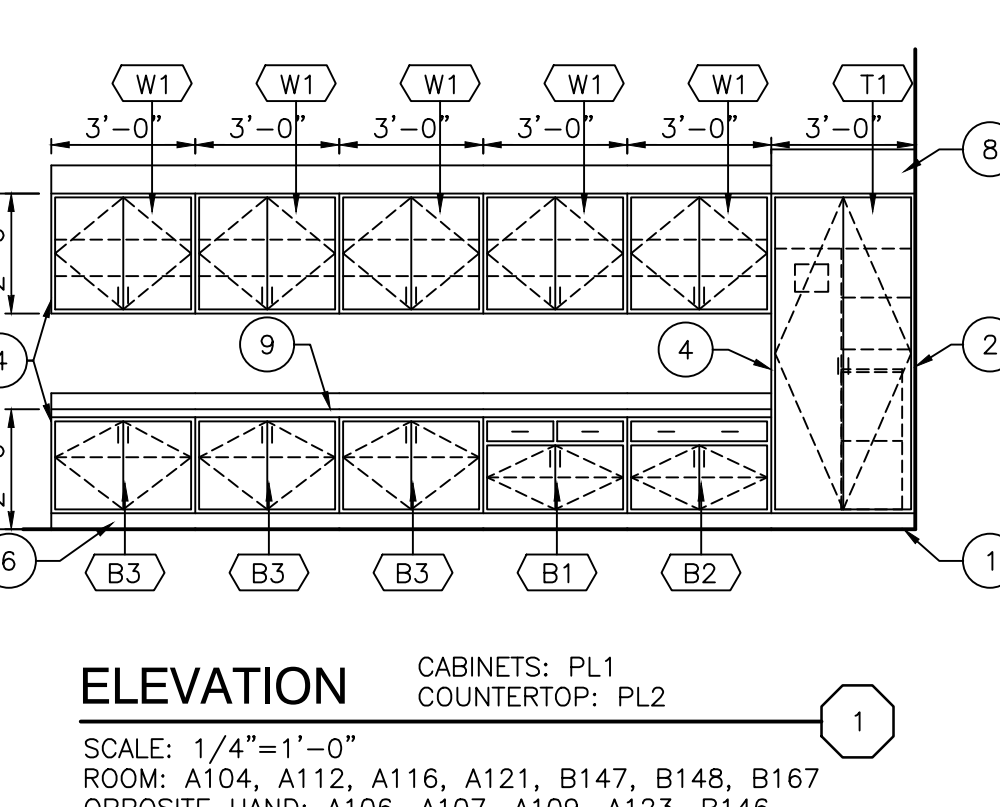
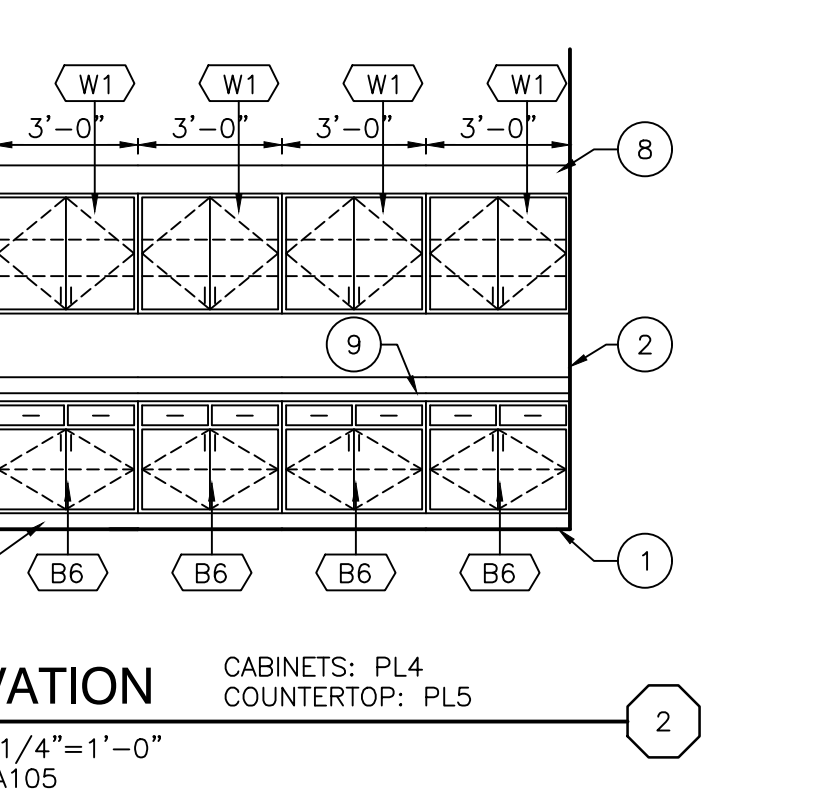
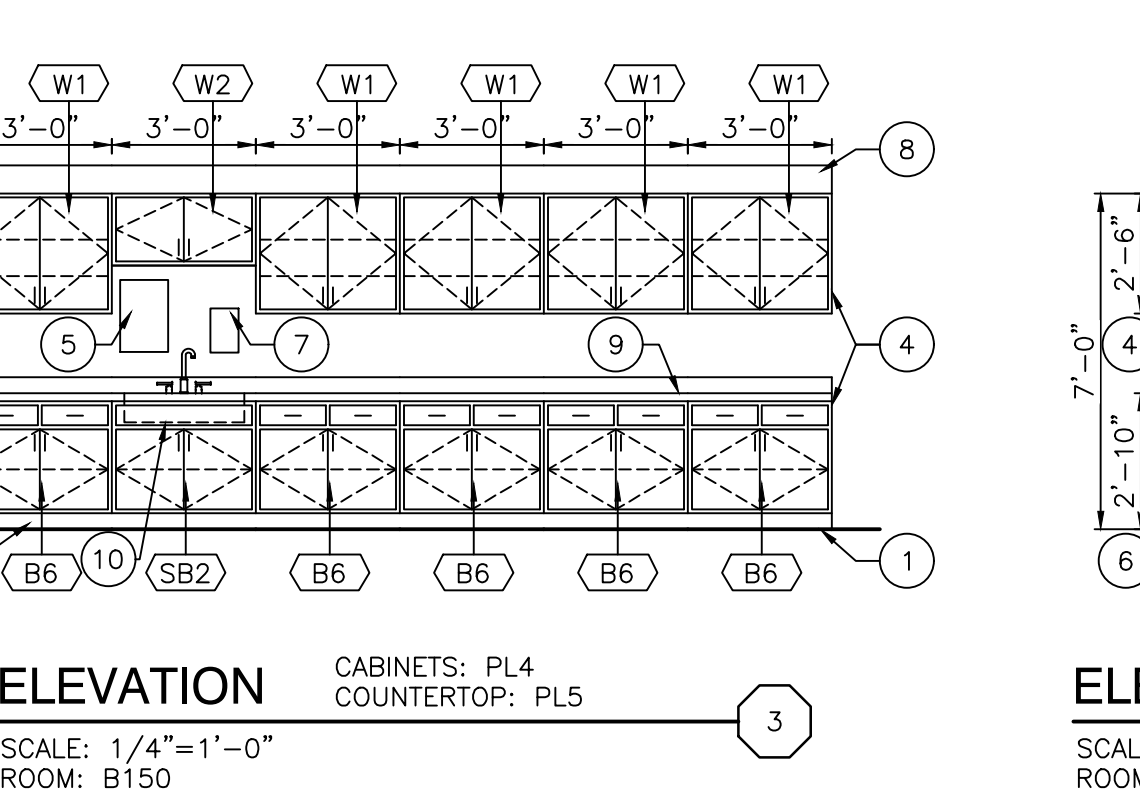
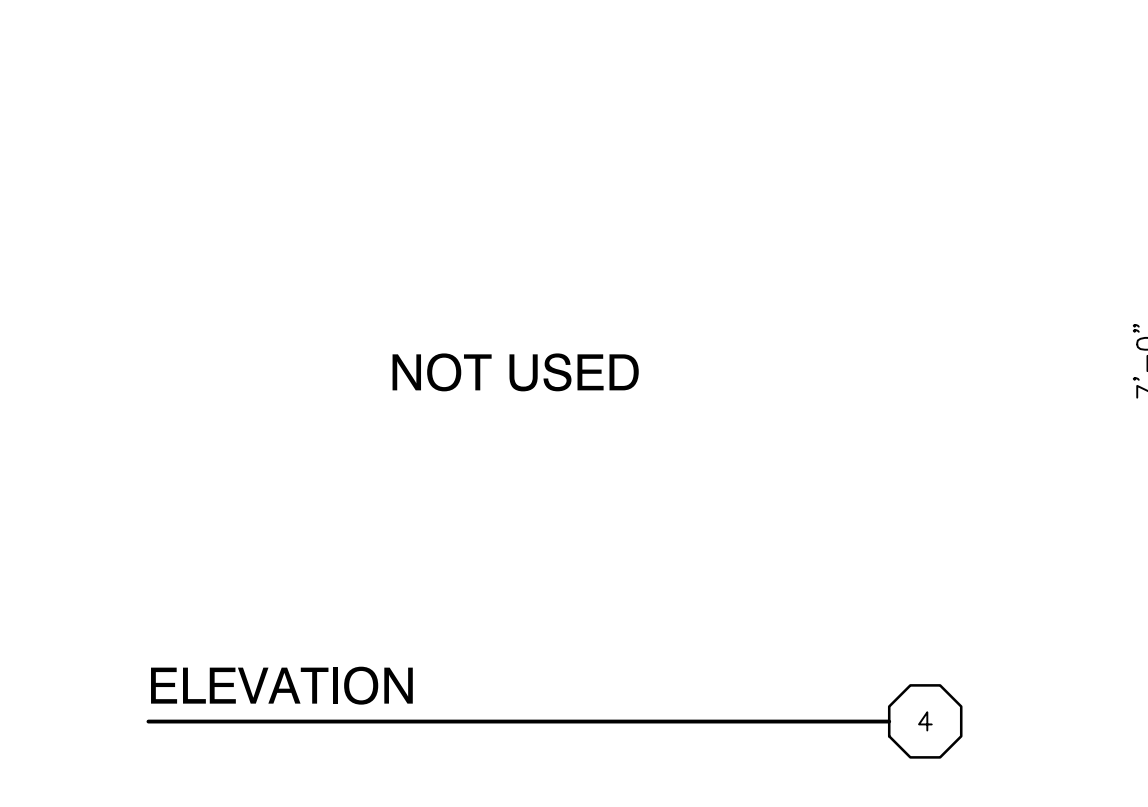
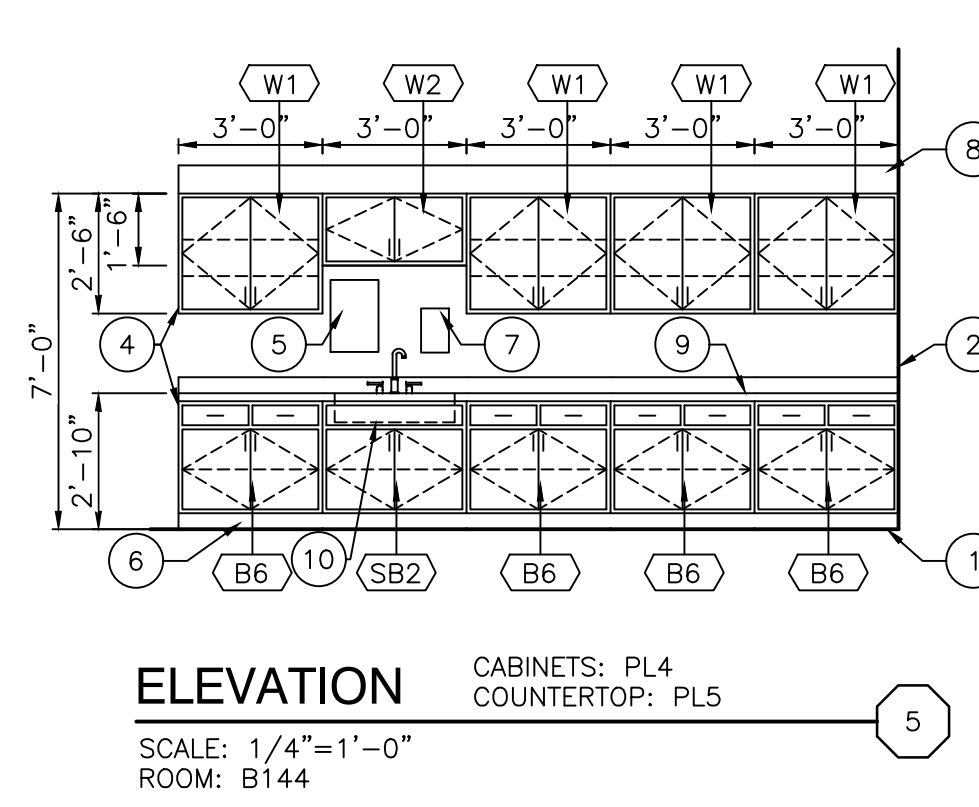
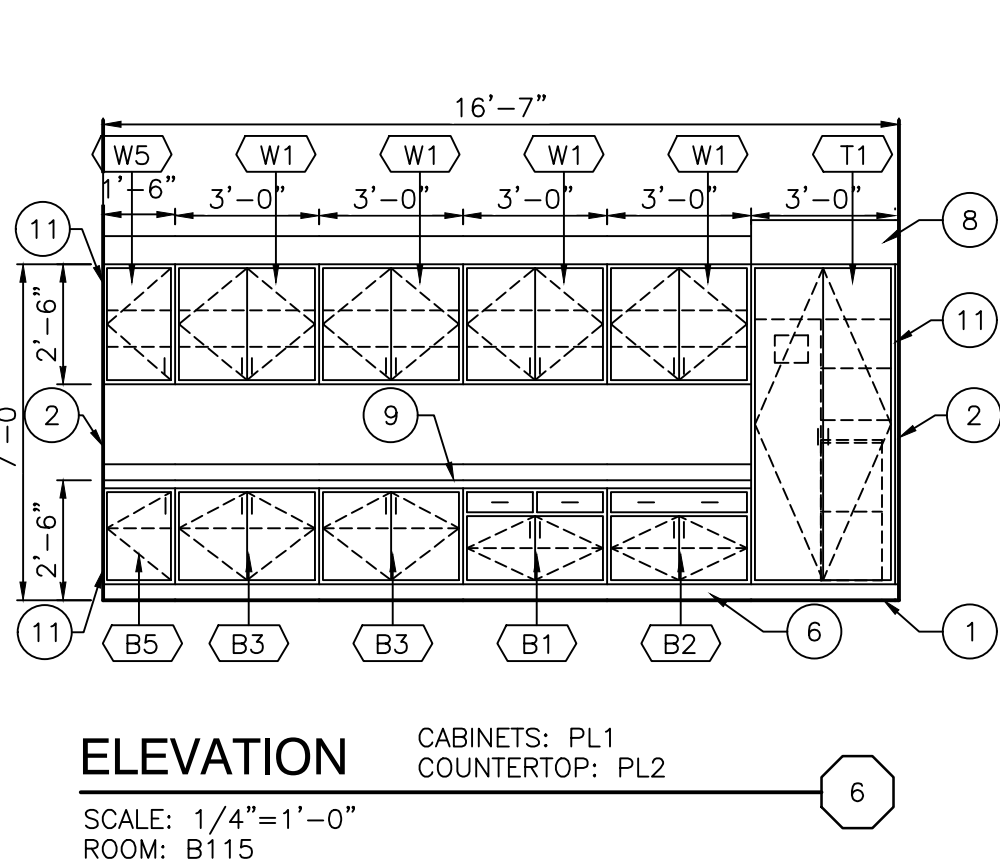
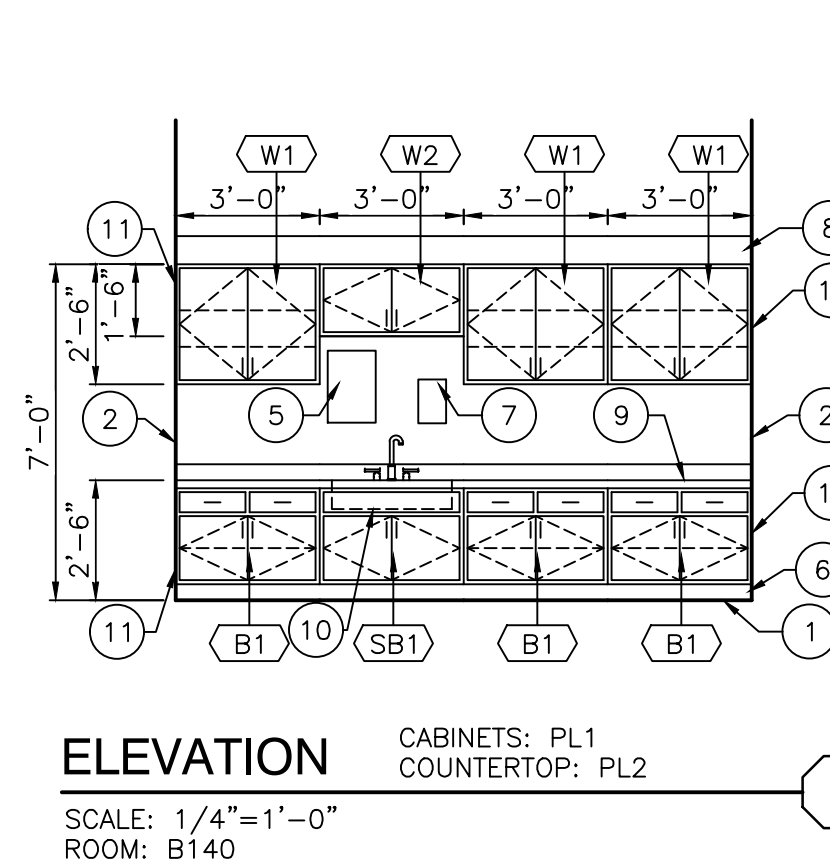
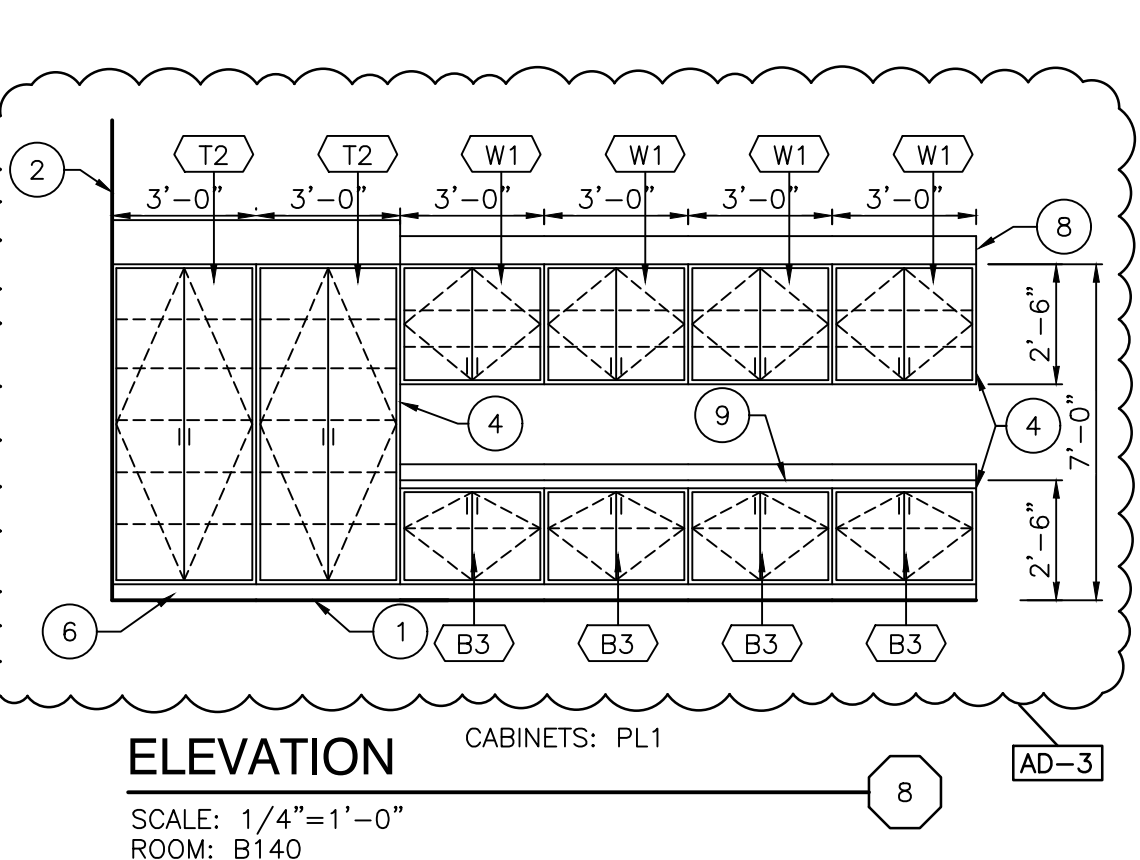
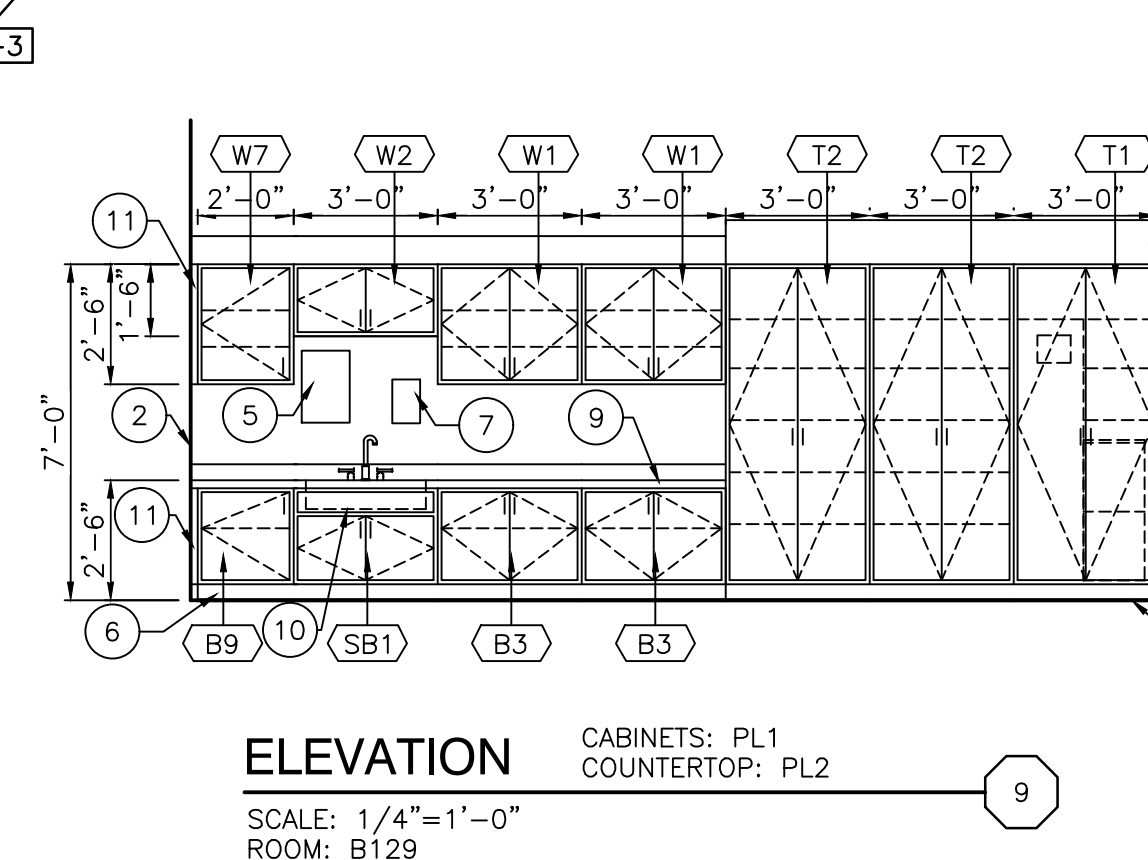
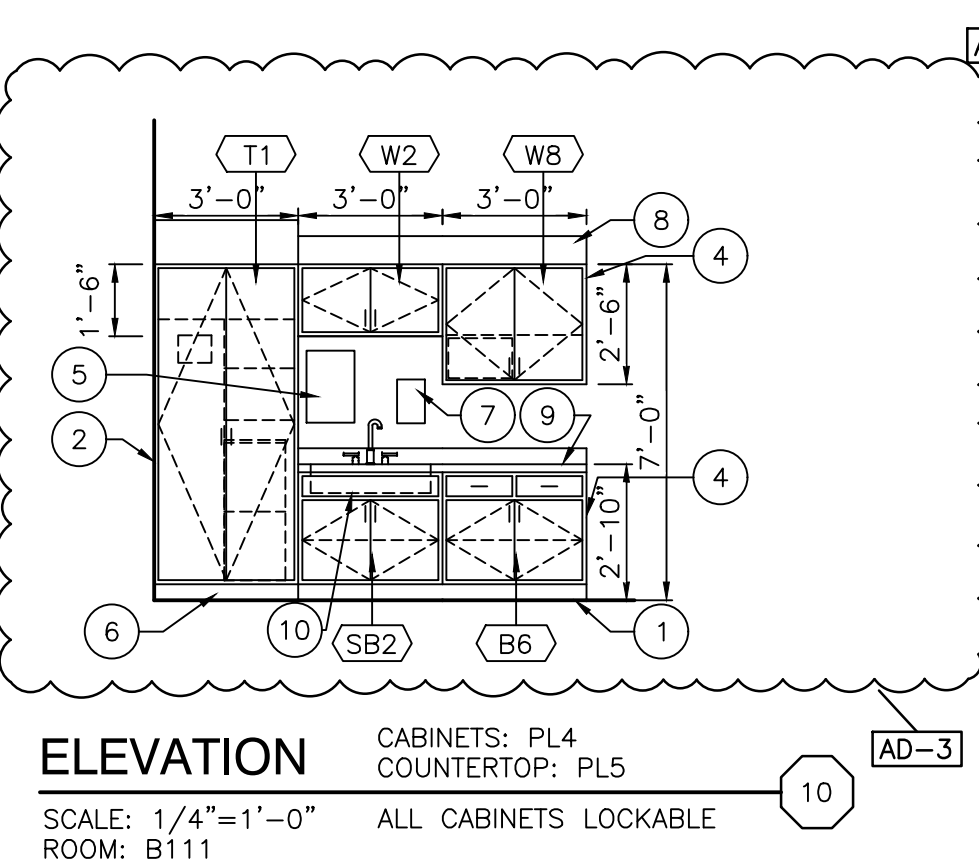
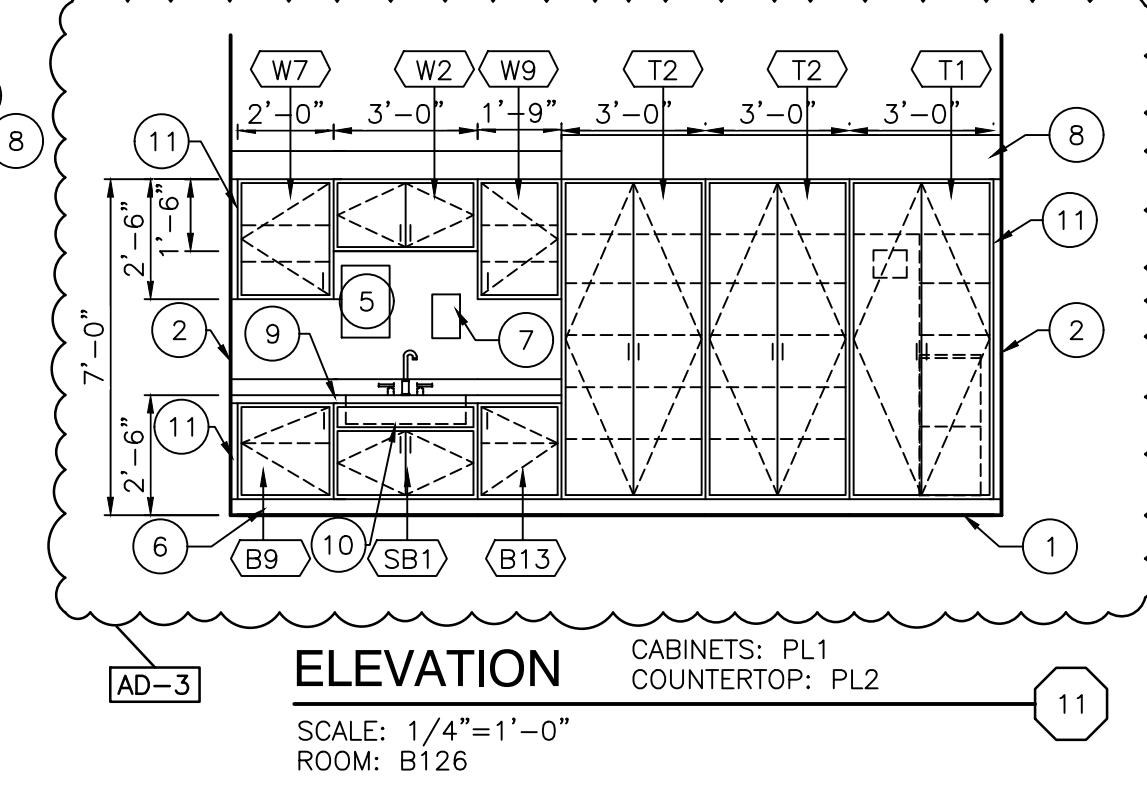
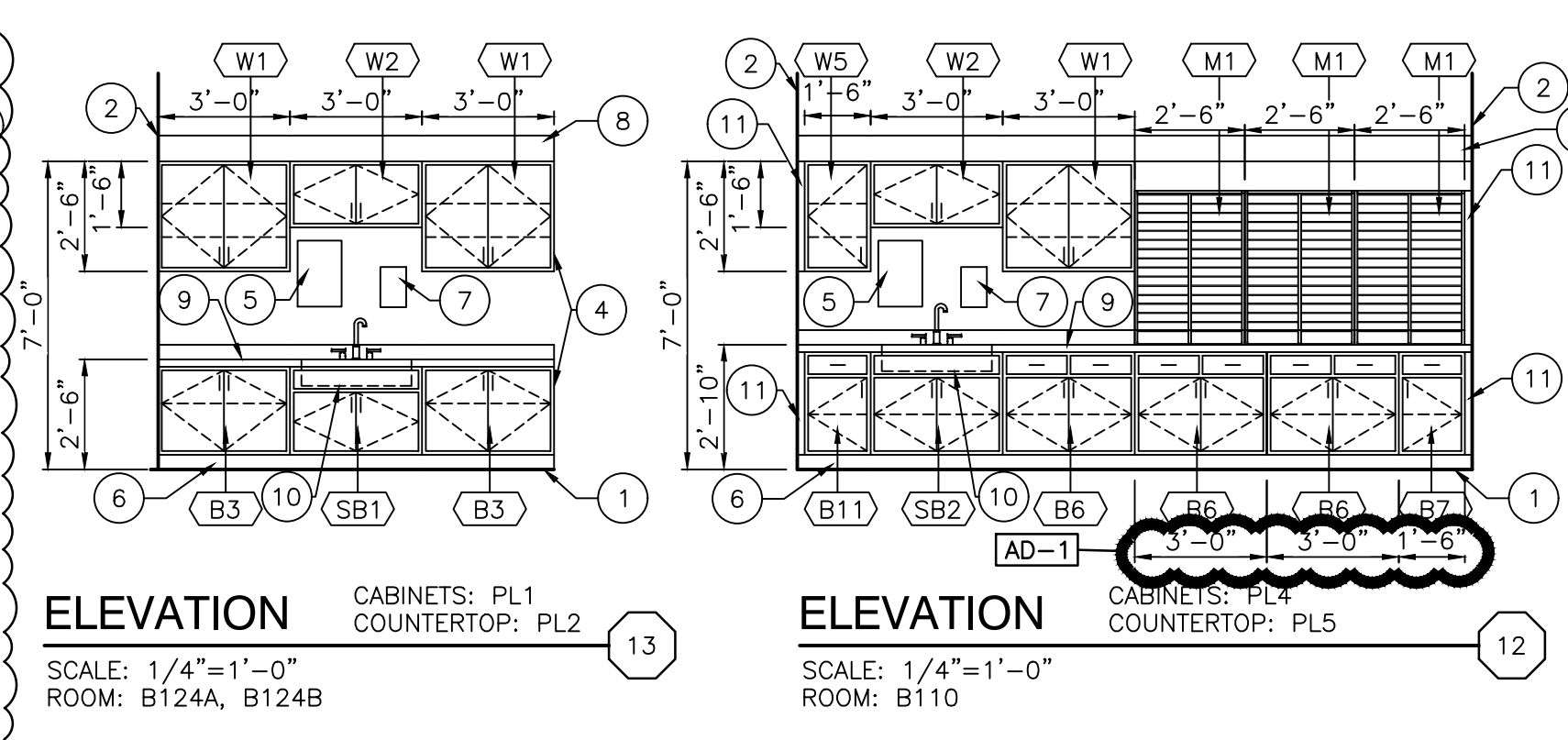
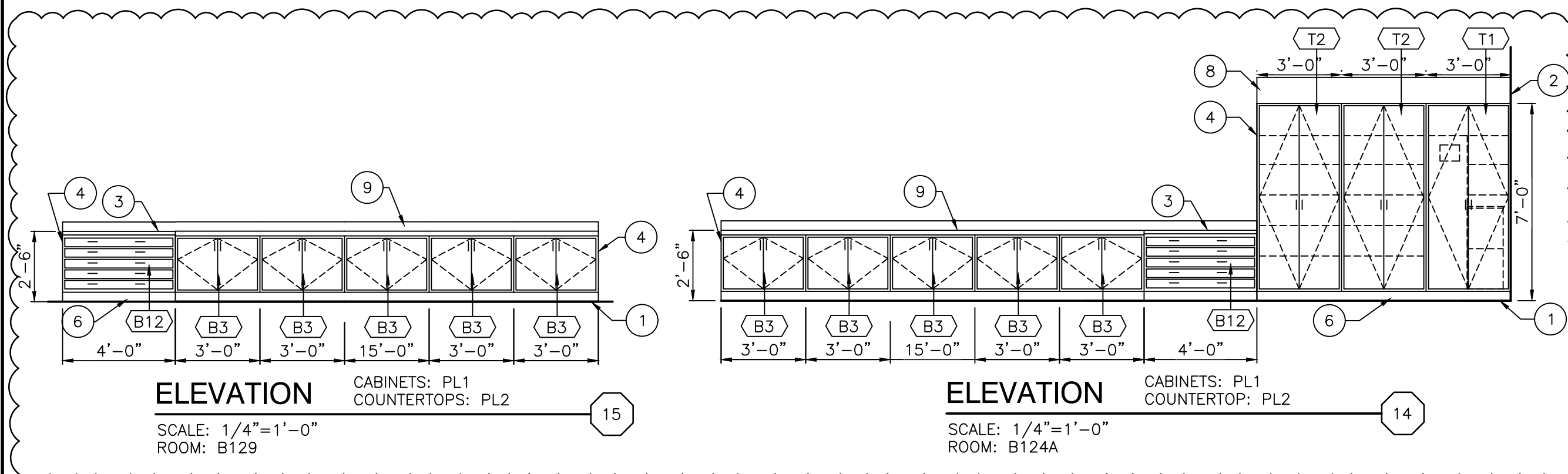
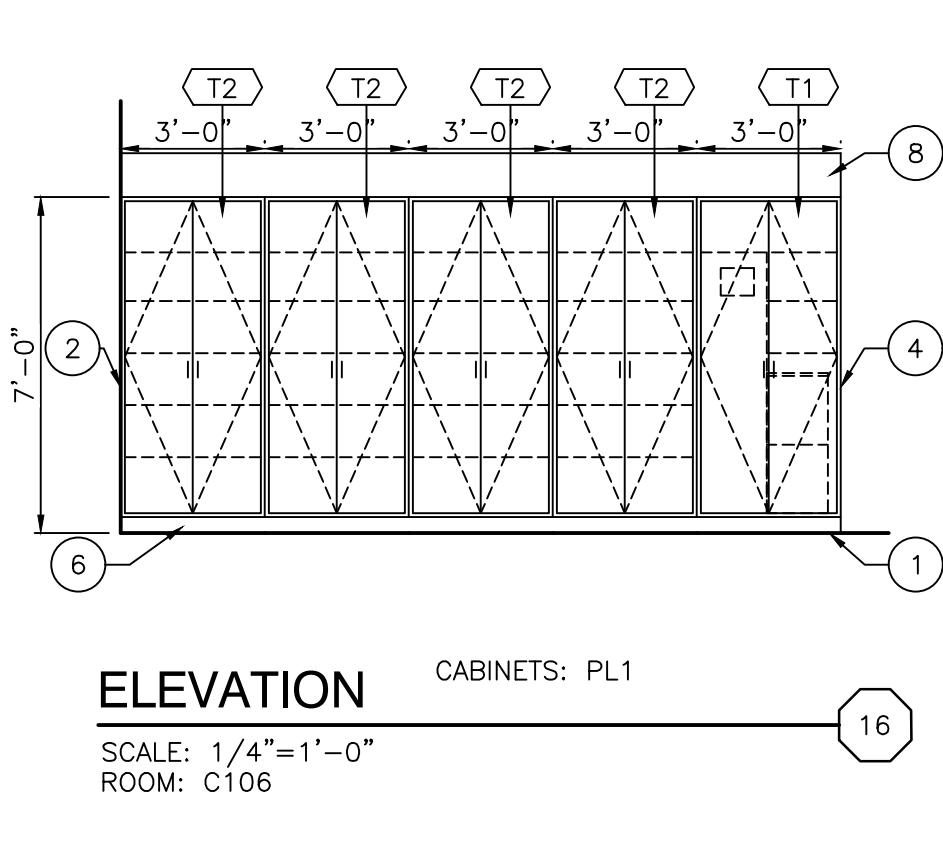
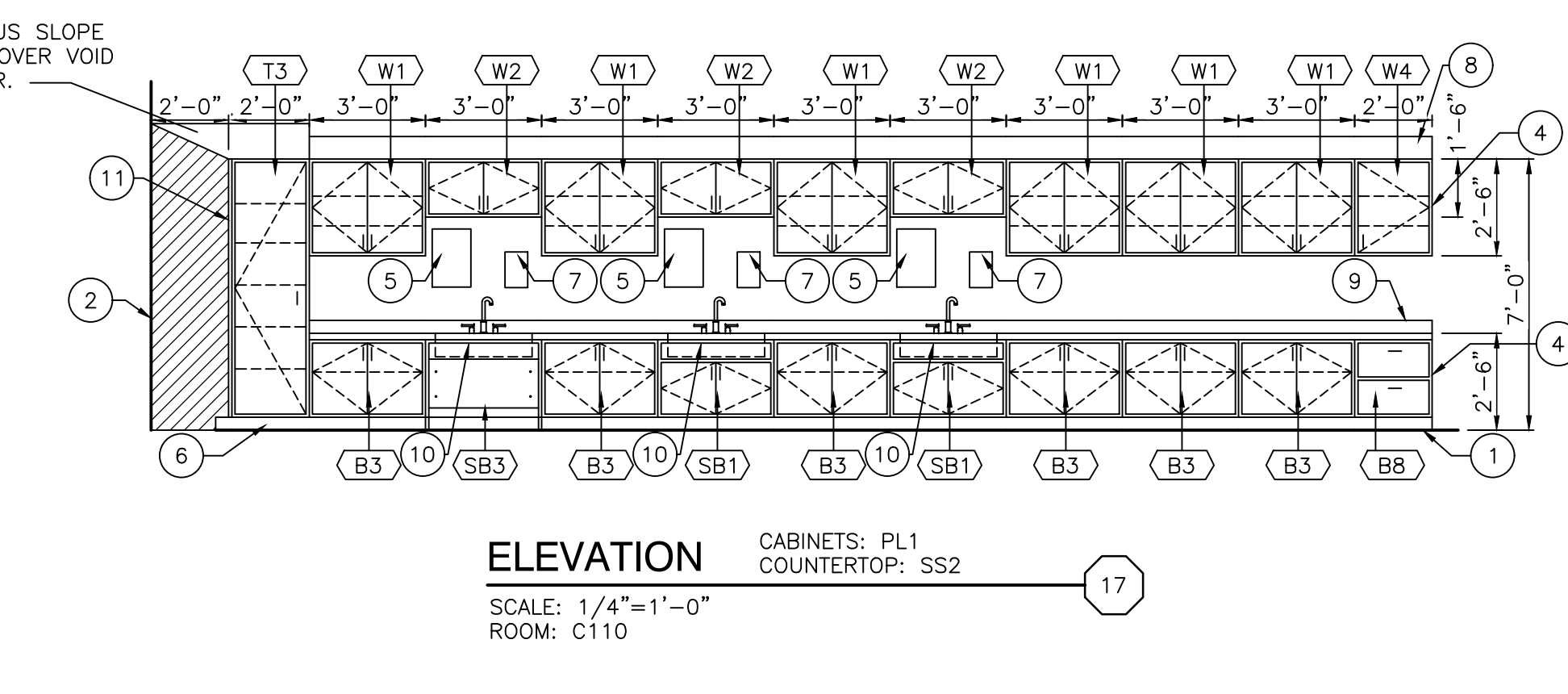
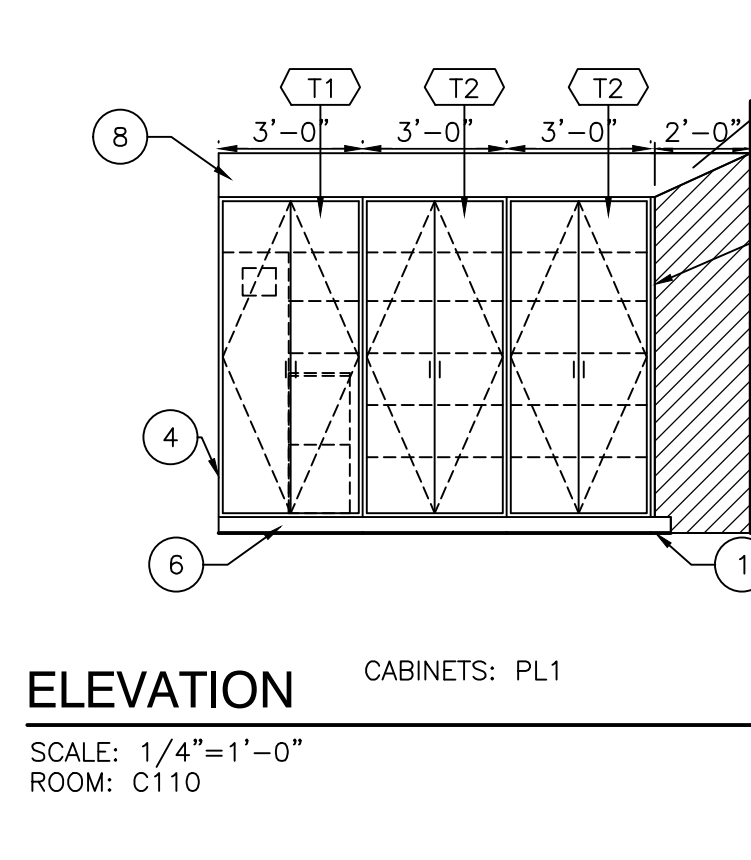
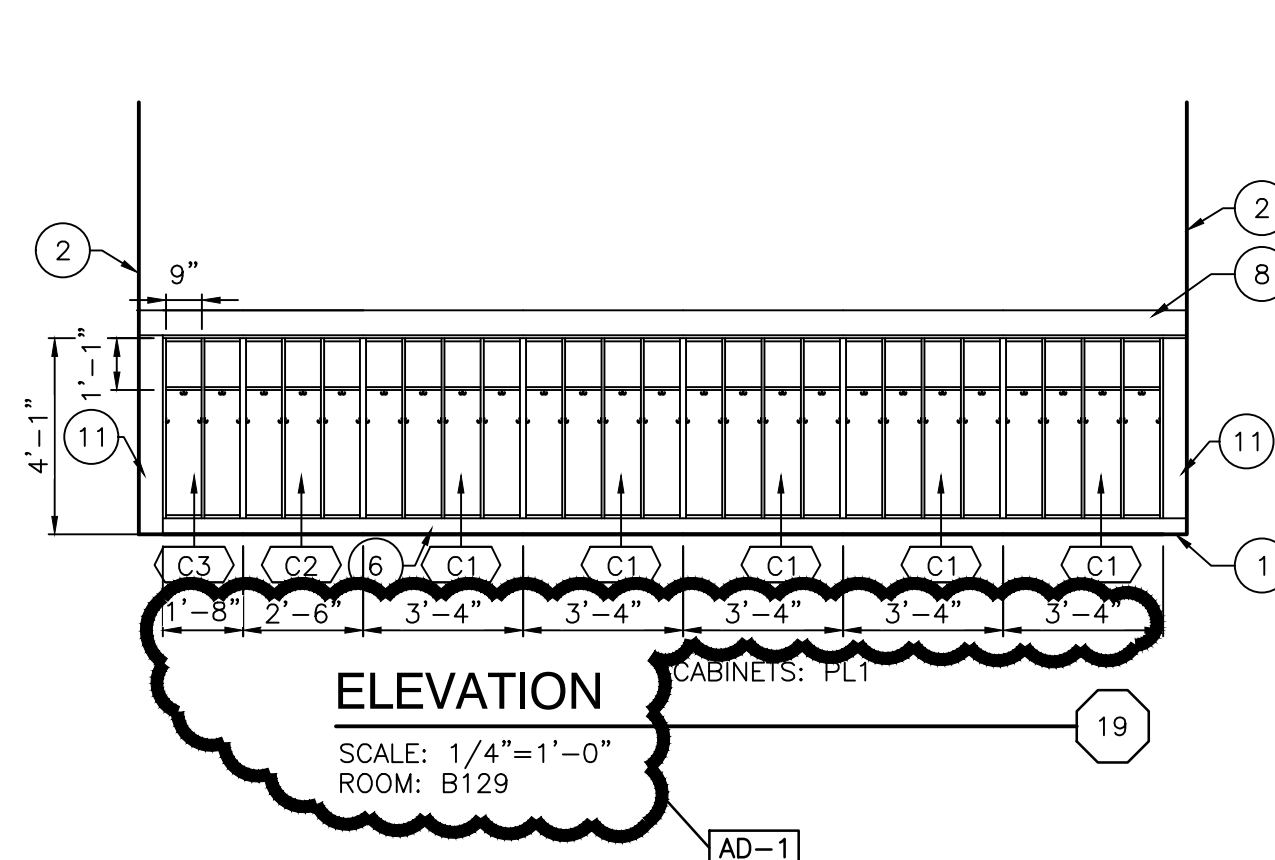
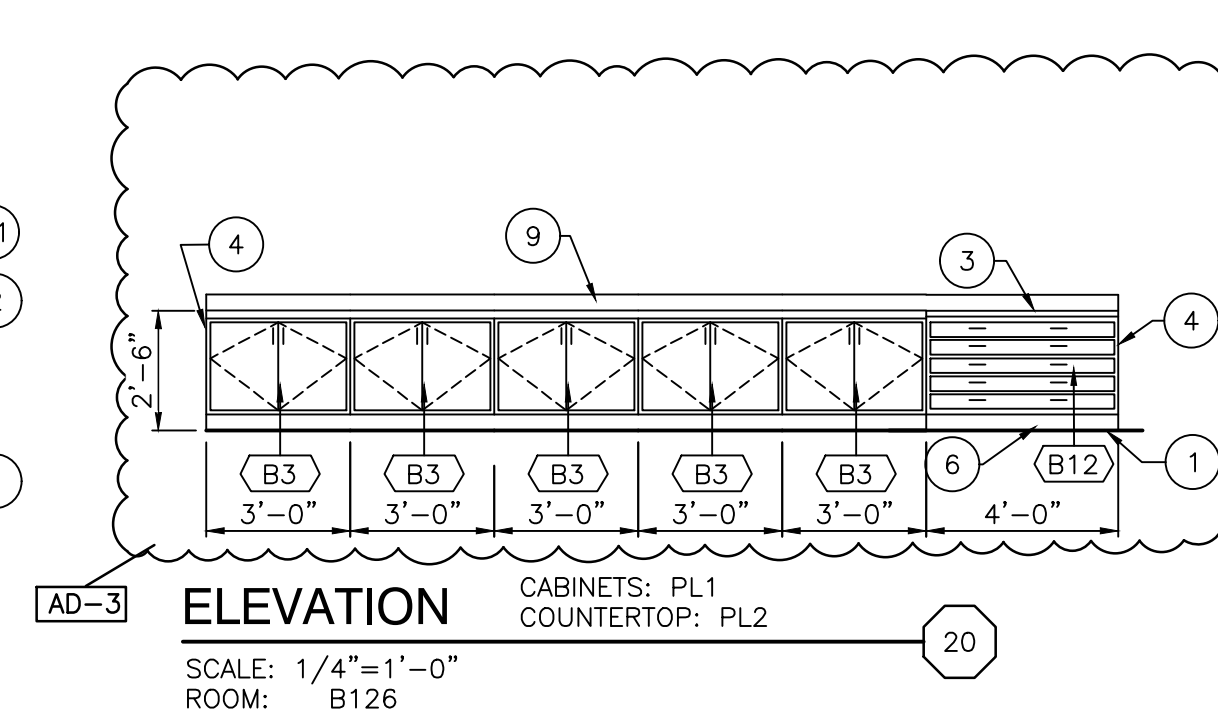
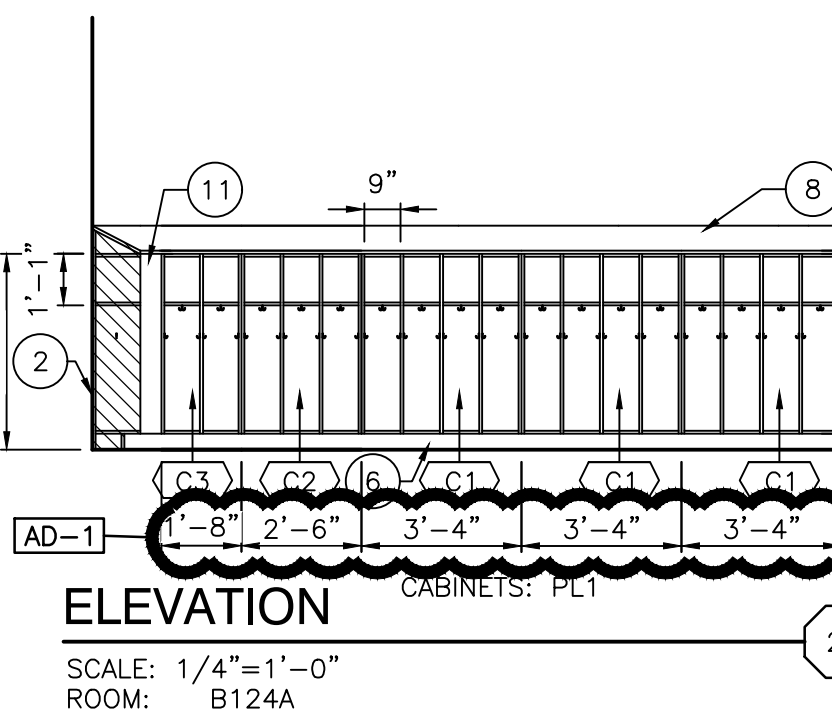
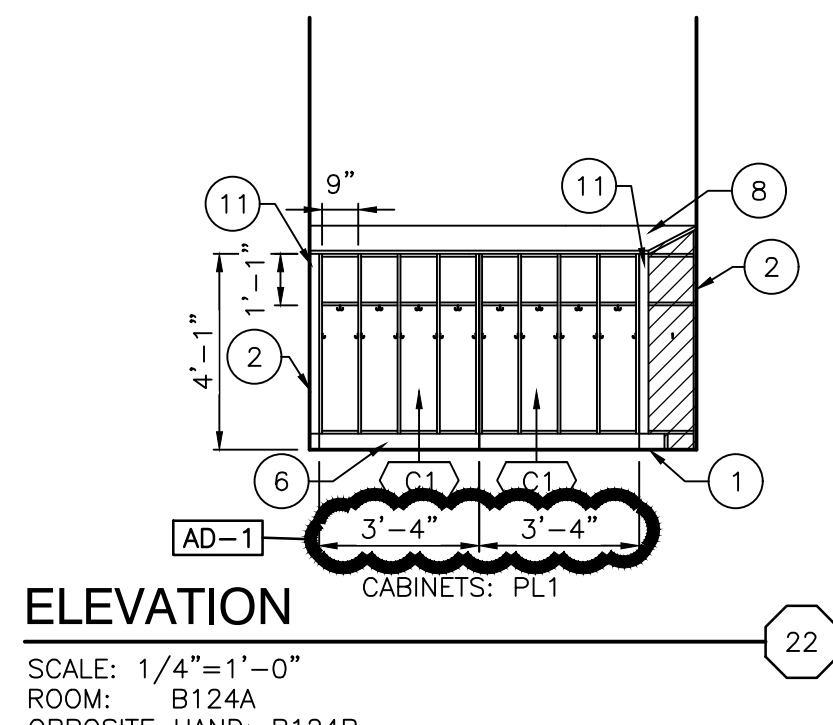
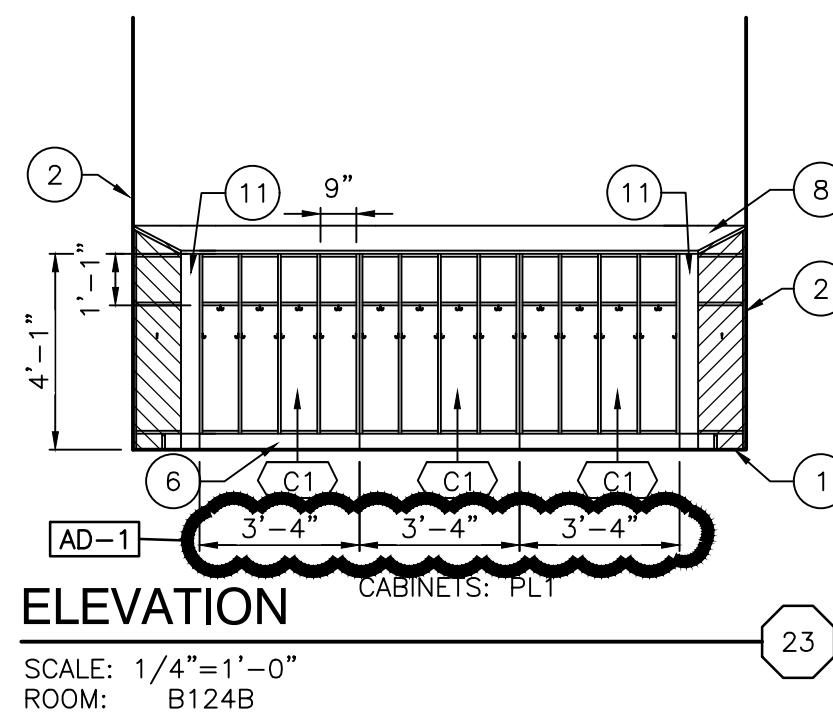
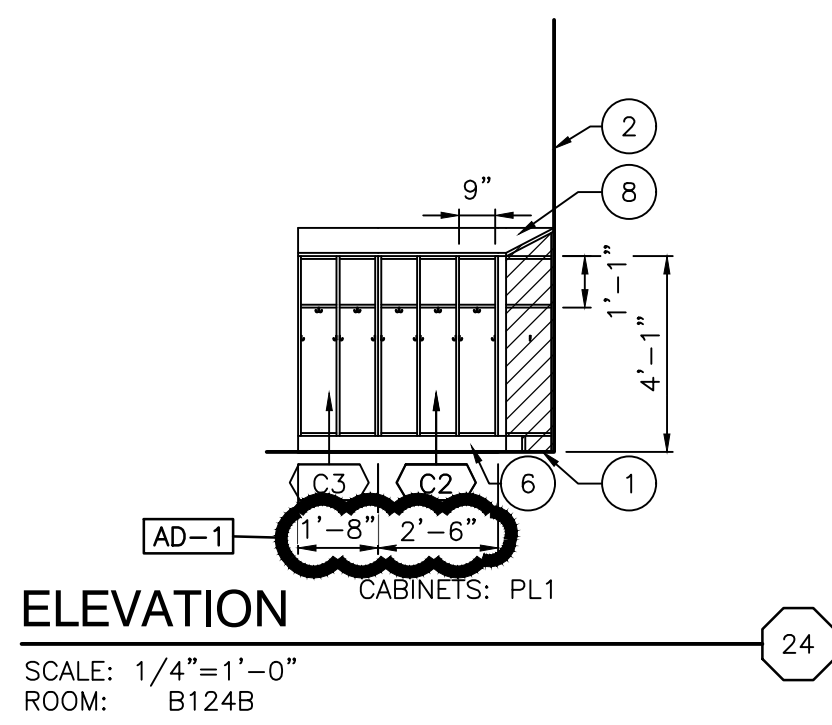
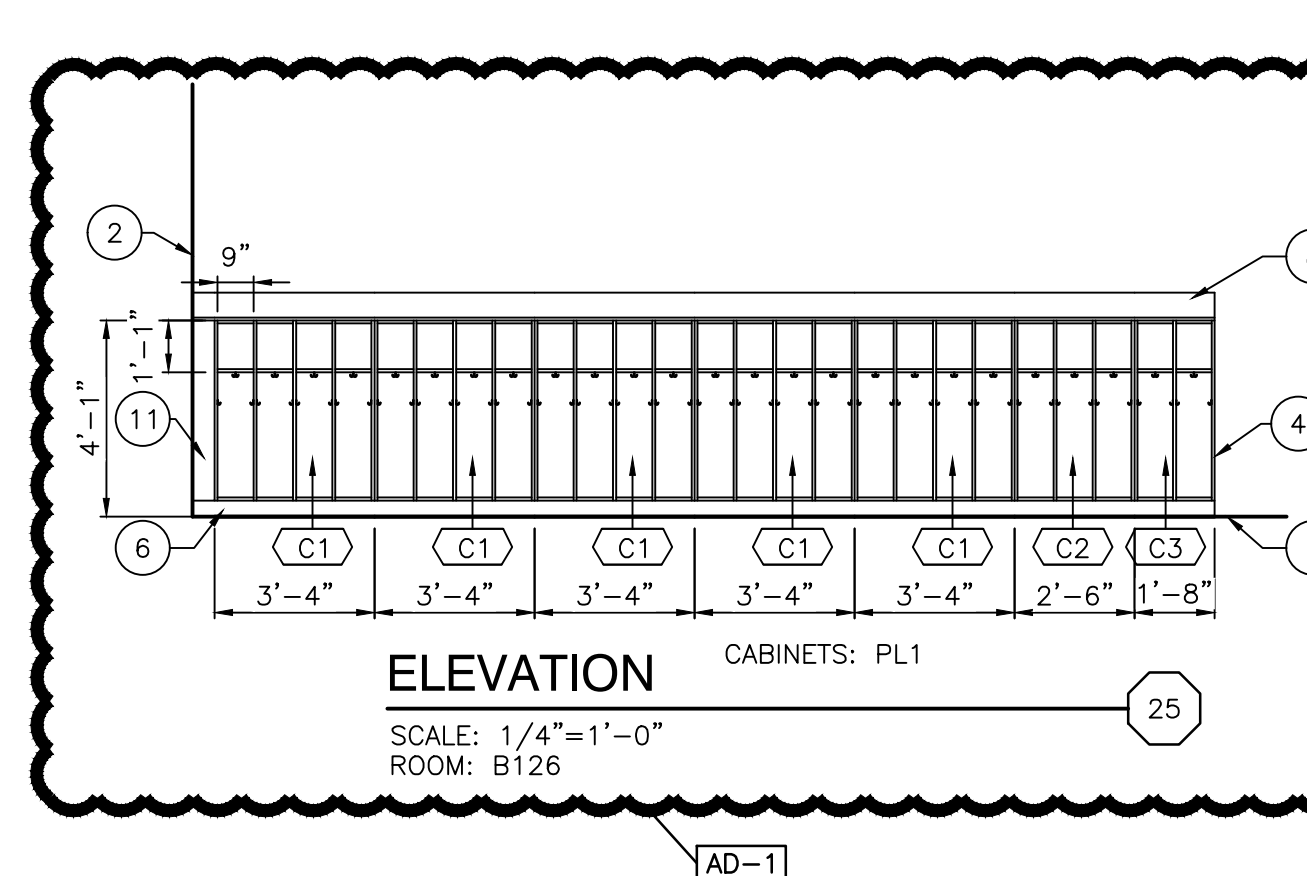
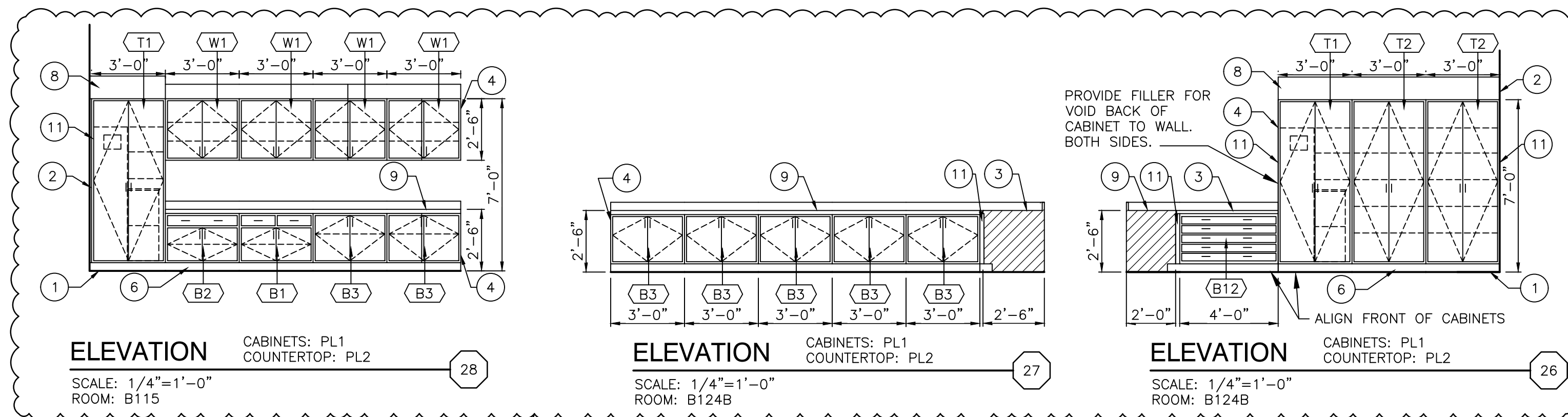
DRAWING
**CASEWORK SCHEDULE AND
ELEVATIONS**

PROJECT
JACKSON ES - RENOVATIONS

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SHEET

A-730



NOT USED

GENERAL FINISH PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND /OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS, WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
- K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO 6/A-501.
- L. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 603.
- M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES TO MATCH EXISTING SURFACES UNLESS NOTED OTHERWISE.
- N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.
- O. EXISTING BRICK TO REMAIN AND DO NOT PAINT.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
---	MISC FINISH INFORMATION

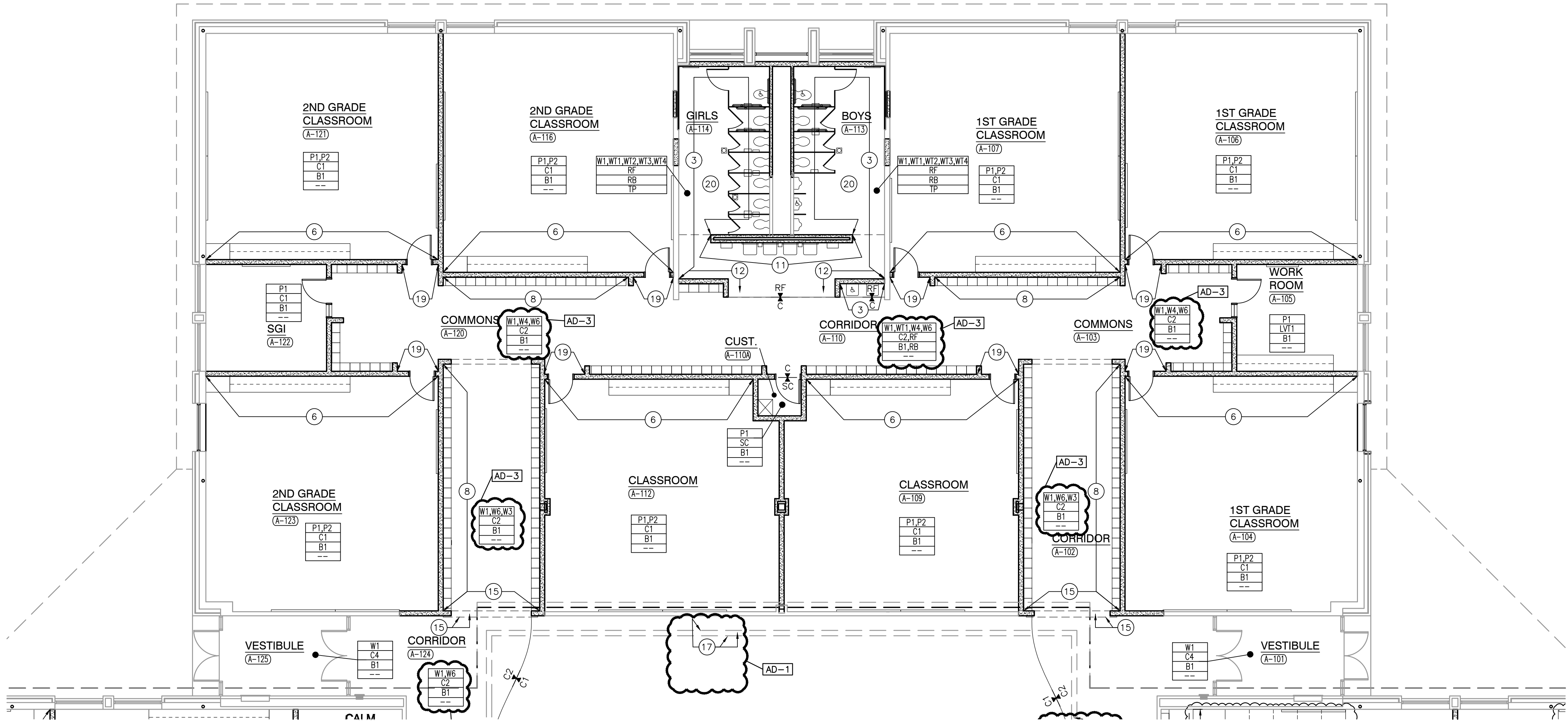
—X— FLOOR TRANSITION STRIP AS REQUIRED

↑ INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

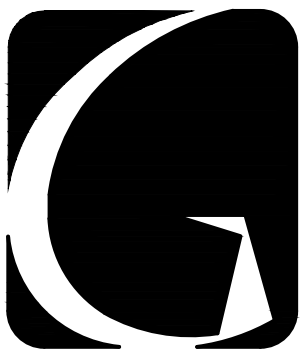
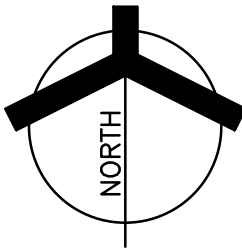
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE.
- WALL TILE, WT1, FULL HEIGHT OF WALL.
- WALL TILE — REFER TO INTERIOR ELEVATIONS AND FINISH LEGEND.
- WALL TILE, SEE WALL TILE PATTERN — A-860
- PAINT, P2.
- PAINT, P3
- WALLCOATING, W6
- PAINT, P4.
- PAINT, W6
- WALL TILE, SEE WALL TILE PATTERN — A-860
- PAINT, W1
- CARPET, C4
- PAINT, P6
- WALLCOATING, W3
- SEE WALL TILE PATTERN, ALL WALLS WITH PATTERN, A-860
- PAINT BULKHEAD, P9
- PAINT, SEE ELEVATION A-860
- WALLCOATING, W4
- SCHULTER TILE TRIM AT ALL OUTSIDE CORNERS



UNIT "A" FIRST FLOOR FINISH PLAN

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



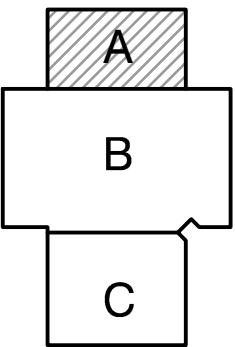
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PROJECT

**JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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PROJECT

21-143

DATE

10/31/22

COORDINATED BY

MMM

DRAWN BY

CLN

CHECKED BY

NAS

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ADDENDUM NO. 3

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UNIT "A" FIRST FLOOR FINISH

PLAN

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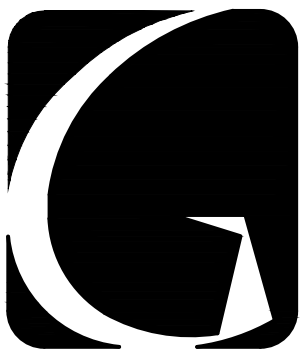
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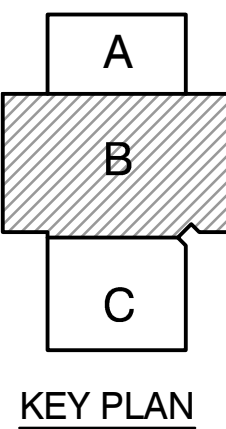
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DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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REVISIONS

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AD-1 11/09/22 ADDENDUM NO. 1

AD-3 11/23/22 ADDENDUM NO. 3

DRAWING

UNIT "B" FIRST FLOOR FINISH

PLAN

PROJECT

JACKSON ES - RENOVATIONS

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A-802

FINISH PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

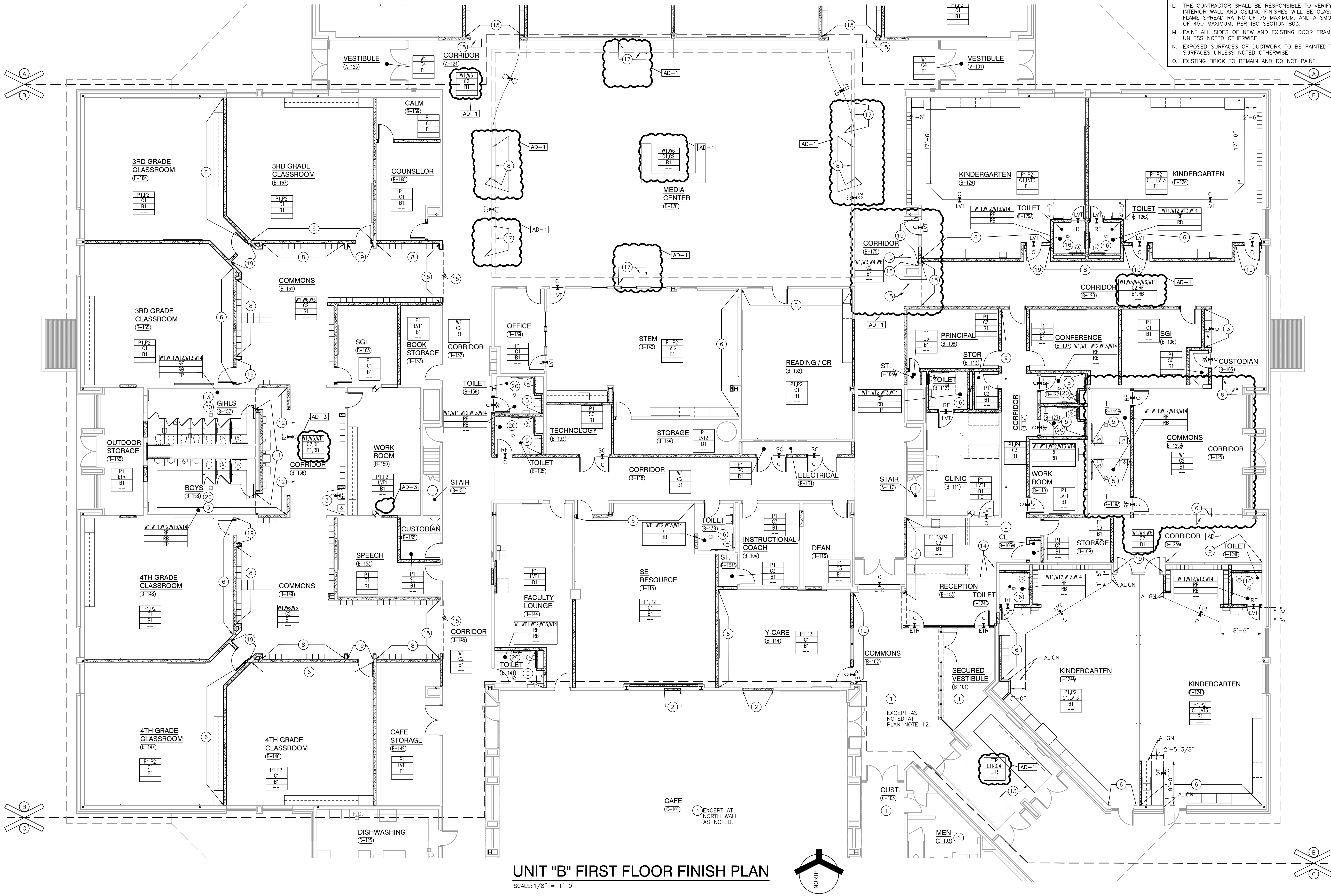
- NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE.
- WALL TILE, WT1, FULL HEIGHT OF WALL.
- WALL TILE - REFER TO INTERIOR ELEVATIONS AND FINISH LEGEND.
- WALL TILE, SEE WALL TILE PATTERN - A-860
- PAINT, P2.
- PAINT, P3
- WALLCOATING, W6
- PAINT, P4.
- PAINT, W6
- WALL TILE, SEE WALL TILE PATTERN - A-860
- PAINT, W1
- CARPET, C4
- PAINT, P6
- WALLCOATING, W3
- SEE WALL TILE PATTERN, ALL WALLS WITH PATTERN, A-860
- PAINT BULKHEAD, P9
- PAINT, SEE ELEVATION A-860
- WALLCOATING, W4
- SCHULTER TILE TRIM AT ALL OUTSIDE CORNERS

FINISH SYMBOL LEGEND:

- | | |
|-----|-------------------------|
| P1 | WALL FINISH |
| C1 | FLOOR FINISH |
| B1 | BASE FINISH |
| --- | MISC FINISH INFORMATION |
- ✚ FLOOR TRANSITION STRIP AS REQUIRED
- ↑ ↓ INDICATES DIRECTION OF MATERIAL GRAIN

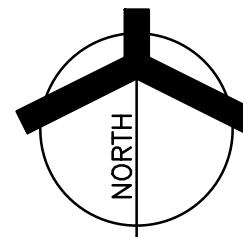
GENERAL FINISH PLAN NOTES:

- REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSIDERED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC., THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKID TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS, WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
- FOR FLOOR FINISH TRANSITION DETAILS REFER TO 6/A-501.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 603.
- PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES TO MATCH EXISTING UNLESS NOTED OTHERWISE.
- EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.
- EXISTING BRICK TO REMAIN AND DO NOT PAINT.

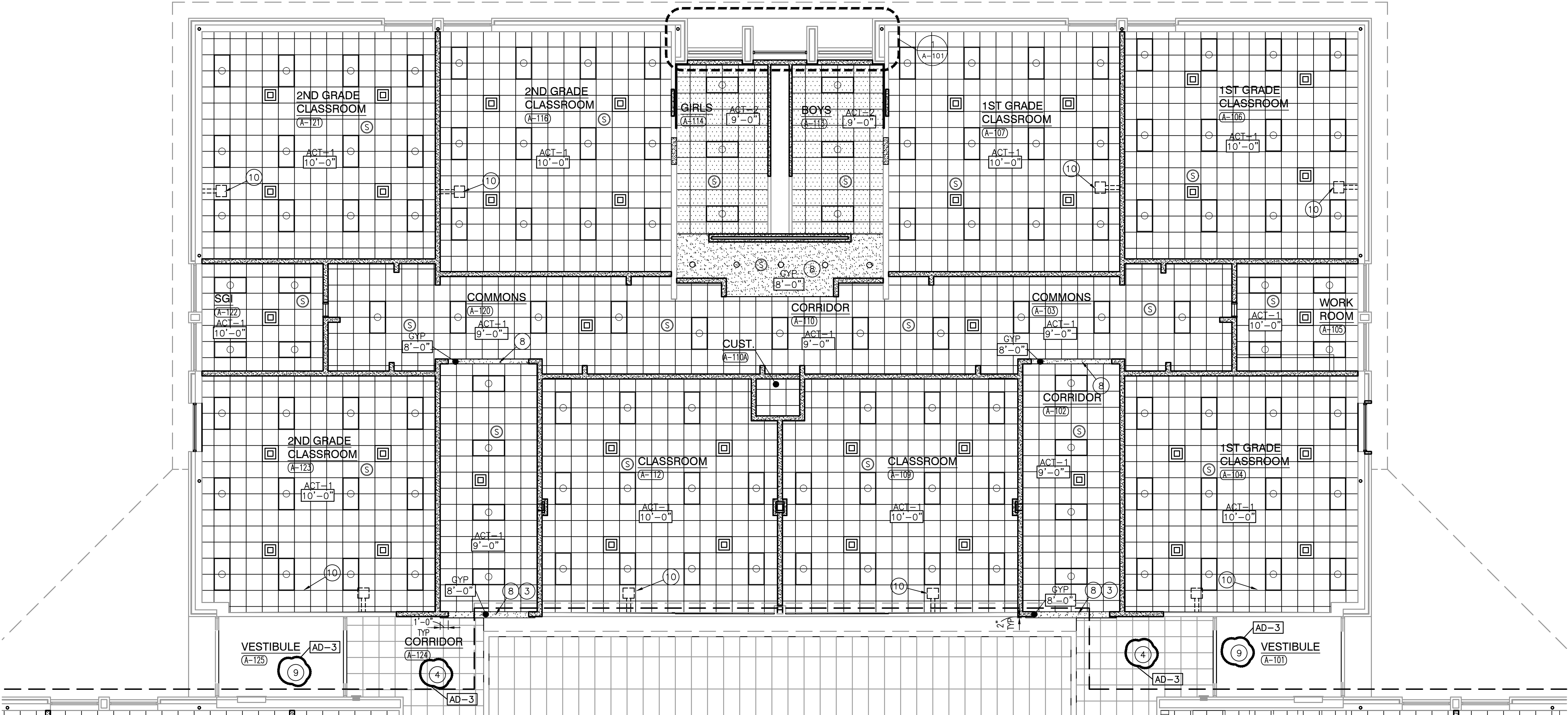
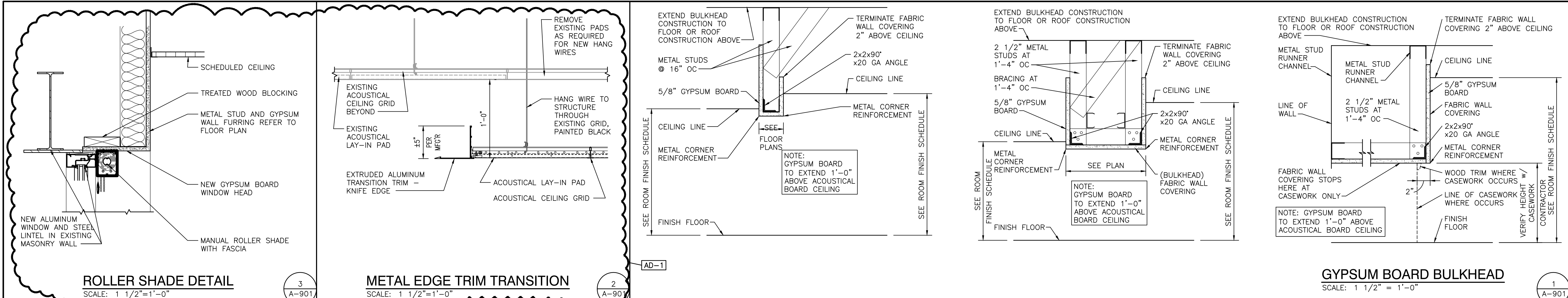


UNIT "B" FIRST FLOOR FINISH PLAN

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



Tuesday, 11/22/2022 5:05 PM - LAST SAVED BY: GRUBER
Y:\21-143 DUNELAND SC - JACKSON ES ADDITIONS AND
RENOVATIONS\21-143 DRAWINGS\05 ARCH\A-901.DWG



GENERAL REFLECTED CEILING PLAN NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL, LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.
- REFER TO FLOOR PLANS FOR WALL TYPES.
- CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

- | | | | |
|--|--|--|--|
| | GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-901) AND WALL SECTIONS | | EXIT LIGHT |
| | EIFS SOFFIT (EXTERIOR) ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS | | 1x4 LIGHT FIXTURE |
| | ACT 1 2' x 2' x 0" ACOUSTICAL BOARD CEILING, SEE PLANS AND FINISH LEGEND FOR TYPE | | 2x4 LIGHT FIXTURE |
| | ACT 2 VINYL FACED CEILING, SEE PLANS AND FINISH LEGEND FOR TYPE | | PENDANT LIGHT FIXTURE |
| | | | LINEAR LIGHT FIXTURE |
| | | | WALL SCONCE LIGHT FIXTURE |
| | | | SUPPLY AIR DIFFUSER |
| | | | LINEAR SUPPLY AIR DIFFUSER |
| | | | RETURN, EXHAUST, AND TRANSFER AIR GRILLE |
| | | | CEILING SPEAKER |
| | | | OCCUPANCY SENSOR |

REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- METAL EDGE TRIM.
- PAINT EXISTING CEILING GRID TO REMAIN AND INSTALL NEW CEILING PADS.
- MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR INSTALLATION OF NEW BULKHEAD.
- REMOVE, STORE, AND REINSTALL EXISTING CEILING GRID AND ACOUSTICAL CEILING PANELS AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. REPLACE ANY GRID AND PANELS DAMAGED IN THE PROCESS WITH MATCHING GRID AND PANELS. DOCUMENT EXISTING DAMAGE AND REVIEW WITH ARCHITECT PRIOR TO START OF WORK.
- TIE-IN AND EXTEND TO EXISTING CEILING GRID.
- LED LIGHTING TO REMAIN.
- NOT USED.
- NEW GYPSUM BOARD BULKHEAD.
- EXISTING CEILING SYSTEM TO REMAIN, UNLESS NOTED OTHERWISE FOR MECHANICAL ELECTRICAL PLUMBING AND FIRE PROTECTION.
- PROJECTION SCREEN, REFER TO EQUIPMENT PLANS AND ELECTRICAL/TECHNOLOGY DRAWINGS. COORDINATE FINAL LOCATION WITH OWNER.

GENERAL REFLECTED CEILING PLAN FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- UNLESS NOTED OTHERWISE, GYPSUM BOARD BULKHEADS ARE TO BE PAINTED PX.
- UNLESS NOTED OTHERWISE, ALL EXPOSE STEEL STRUCTURE, METAL DECK, MECHANICAL AND ELECTRICAL ITEMS TO BE PAINTED PX.

REFLECTED CEILING PLAN FINISH NOTES:

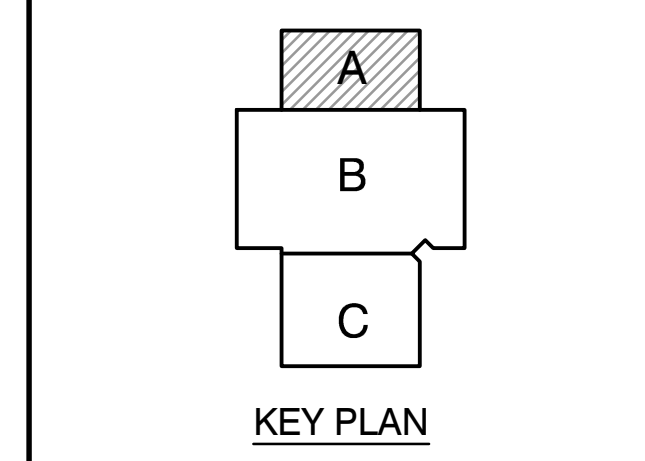
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- PAINT EXPOSED STRUCTURE AND DECK PX.
- PAINT BULKHEAD PX ON ALL EXPOSED SIDES.
- BULKHEAD TO RECEIVE SAME PAINT AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.
- BULKHEAD TO RECEIVE SAME WALL COVERING AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.



JACKSON ELEMENTARY SCHOOL - RENOVATIONS

DUNELAND SCHOOL CORPORATION
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PROJECT: 21-143
DATE: 10/31/22
COORDINATED BY: MMM
DRAWN BY: CJA
CHECKED BY: DJW

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AD-3	11/23/22	ADDENDUM NO. 3

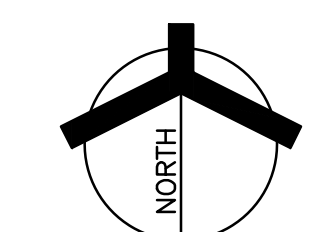
DRAWING
UNIT 'A' FIRST FLOOR
REFLECTED CEILING PLAN

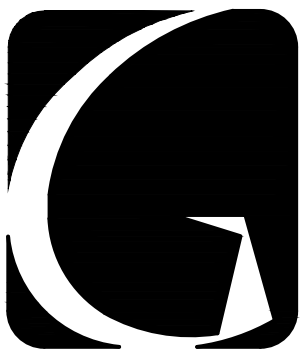
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UNIT "A" REFLECTED CEILING PLAN

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





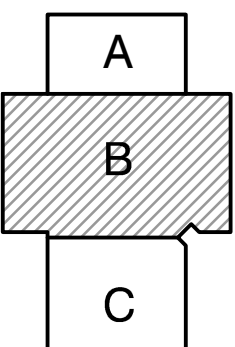
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DRAWN BY

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DRAWING

**UNIT "B" FIRST FLOOR
REFLECTED CEILING PLAN**

PROJECT

JACKSON ES - RENOVATIONS

GIBRALTAR DESIGN

SHEET

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A-902

**GENERAL REFLECTED CEILING PLAN
FINISH NOTES:**

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- UNLESS NOTED OTHERWISE, GYPSUM BOARD BULKHEADS ARE TO BE PAINTED PX.
- UNLESS NOTED OTHERWISE, ALL EXPOSED STEEL STRUCTURE, METAL DECK, MECHANICAL AND ELECTRICAL ITEMS TO BE PAINTED PX.

REFLECTED CEILING PLAN FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- PAINT EXPOSED STRUCTURE AND DECK PX.
- PAINT BULKHEAD PX ON ALL EXPOSED SIDES.
- BULKHEAD TO RECEIVE SAME PAINT AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.
- BULKHEAD TO RECEIVE SAME WALL COVERING AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.

REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- METAL EDGE TRIM.
- EXISTING CEILING GRID TO REMAIN AND INSTALL NEW CEILING PADS.
- MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR INSTALLATION OF NEW BULKHEAD.
- REMOVE, STORE, AND REINSTALL EXISTING CEILING GRID AND ACOUSTICAL CEILING PANELS AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. REPLACE ANY GRID AND PANELS DAMAGED IN THE PROCESS WITH MATCHING GRID AND PANELS. DOCUMENT EXISTING DAMAGE AND REVIEW WITH ARCHITECT PRIOR TO START OF WORK.
- TIE-IN AND EXTEND TO EXISTING CEILING GRID.
- LED LIGHTING TO REMAIN.
- NOT USED.
- NEW GYPSUM BOARD BULKHEAD.
- EXISTING CEILING SYSTEM TO REMAIN, UNLESS NOTED OTHERWISE FOR MECHANICAL ELECTRICAL PLUMBING AND FIRE PROTECTION.
- PROJECTION SCREEN, REFER TO EQUIPMENT PLANS AND ELECTRICAL/TECHNOLOGY DRAWINGS. COORDINATE FINAL LOCATION WITH OWNER.

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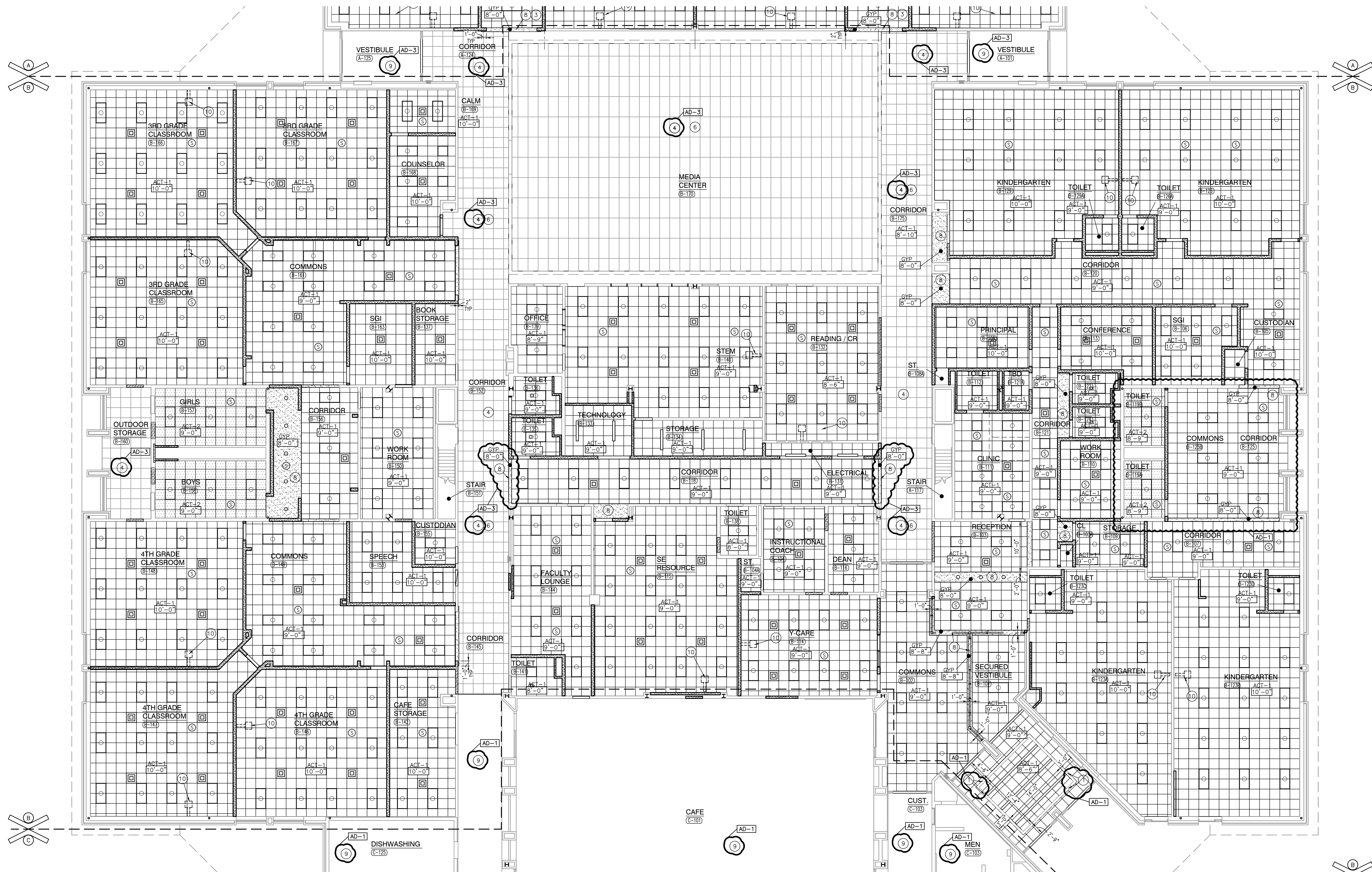
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- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-901) AND WALL SECTIONS
- EI/F SOFFIT (EXTERIOR) ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS
- ACT 1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING SEE PLANS AND FINISH LEGEND FOR TYPE
- ACT 2 VINYL FACED CEILING 2'-0" x 2'-0" ACOUSTICAL BOARD SEE PLANS AND FINISH LEGEND FOR TYPE
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- CEILING SPEAKER
- OCCUPANCY SENSOR

GENERAL REFLECTED CEILING PLAN NOTES:

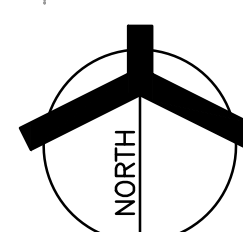
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- BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.
- REFER TO FLOOR PLANS FOR WALL TYPES.
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- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.



UNIT "B" REFLECTED CEILING PLAN

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





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CHESTERTON, INDIANA

PLUMBING FIXTURE SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	FIXTURE VALVE/FAUCET TYPE	FIXTURE VALVE/FAUCET TYPE	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD #3351101	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN #G2 OPTIMA# #016-16	NOTE #5	BEMIS #2B5-C SEAT
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD #3351101	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN #G2 OPTIMA# #011-16	NOTE #5	BEMIS #2B5-C SEAT
UR-1	URINAL	.25 GAL PER FLUSH, VITREOUS CHINA, WALL MOUNTED, ADA	ZURN #Z57B5-U	NOTE #1	BATTERY SENSOR FLUSH VALVE	ZURN #ZER6003AV-ULF-CFM	NOTE #5	-
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD #0355012	NOTE #1	0.5 GPM-ELECTRONIC BATTERY SENSOR, 4" CENTER	BURMAN #EBF-650-BDT	NOTE #6	PROVIDED WITH THERMOSTATIC MIXING VALVE. MCQUIRE #TW-2150-WC 1-1/2" FROURAP, MCQUIRE #4216TCCLK SUPPLIES
S-1	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY #LRADQ-3319	NOTE #2	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #6	MCQUIRE #B-0912-C8DF P-TRAP, MCQUIRE #4216TCCLK SUPPLIES, JOSEAM #61030 SOLIDS INTERCEPTOR
S-2	SINK	1-COMPARTMENT STAINLESS STEEL SINK, 22"x19-1/2"x6-1/2"	ELKAY #LRADQ-2219	NOTE #3	2 HANDLE, HIGH GOOSENECK	CHICAGO FAUCET CO. #50-31TKABCF	NOTE #6	MCQUIRE #B-0912-C8DF P-TRAP, MCQUIRE #4216TCCLK SUPPLIES
S-3	SINK	TWO COMPARTMENT UNDERMOUNT, 31-3/4" X 16-1/2" X 5-3/8"	ELKAY #ELUHAD321655	NOTE #3	2 HANDLE, HIGH GOOSENECK	CHICAGO FAUCET CO. #50-31TKABCF	NOTE #4	MCQUIRE #B-0912-C8DF P-TRAP, MCQUIRE #4216TCCLK SUPPLIES, JOSEAM #61030 SOLIDS INTERCEPTOR
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6"x6" NICKEL BRONZE TOP	WADE #1020-G6	NOTE #3	-	-	-	VANDALPROOF SCREWS
TW-1	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY #B59-4000A TMV	NOTE #4	-	-	-	VALVE RATED AT 2 GPM @ 5 PSI PRESSURE DROP (MIN. FLOW 0.5 GPM)
MR-1	MOP BASIN	MOLDED STONE, 24"x24"x10"H	MUSTEE #13M	NOTE #4	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. #31-CF	NOTE #6	W/ 3/4" HOSE THREAD, VACUUM BREAKER WALL BRACE
IM-1	PLUMBERS BOX	FOR ICE MAKER	GUY GRAY #BIMB75AB	-	-	-	-	-

NOTE #1: AMERICAN STANDARD, KOHLER, ZURN, SLOAN

NOTE #2: JUST

NOTE #3: ZURN, JOSEAM, JR. SMITH, MIFAB

NOTE #4: LEONARD, FOUERS, LAULIER

NOTE #5: ZURN, TOTO

NOTE #6: ZURN, DELTA, T45 BRASS, CHICAGO FAUCET CO.

PLUMBING EQUIPMENT SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA							
						HP	KW	FLA	AMPS	HOCF	VOLT	FH	HZ.
EW-1	ELECTRIC WATER COOLER	ELECTRIC WALL MOUNTED W/ BOTTLE FILLER	ELKAY #LZ80SLP	NOTE #1	-	-	-	-	-	-	120	1	60
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE #1: OASIS, HAUS, SUNROC

GENERAL NOTES

- WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.
- THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- FIELD VERIFY IF EXISTING ASBESTOS WILL BE ENCOUNTERED PRIOR TO STARTING ANY WORK. IF ASBESTOS IS PRESENT, THE OWNER WILL PROVIDE FOR THE REMOVAL OF ANY MATERIAL CONTAINING ASBESTOS. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.
- SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING PLUMBING SYSTEMS.
- VERIFY LOCATION AND ELEVATION OF PLUMBING EQUIPMENT, FIXTURES, PIPING, PANELS, ETC. EXPOSED WITHIN OCCUPIED SPACES BEFORE THE START OF ANY ROUGH-IN OR INSTALLATION.
- COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- VISIT SITE PRIOR TO BIDDING TO DETERMINE FIELD CONDITIONS. VERIFY EXISTING INTERIOR PLUMBING SYSTEMS TO VERIFY QUANTITIES AND LOCATIONS OF EXISTING SYSTEMS TO DETERMINE EXTENT OF NEW AND DEMOLITION WORK. VERIFY EXISTING INTERIOR STORM AND SANITARY PIPING SYSTEMS AS TO ROUTING, SIZE AND INVERT ELEVATION PRIOR TO ANY INSTALLATION OF NEW AND REMOVAL OF ANY EXISTING.
- COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW PLUMBING SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, FIXTURES AND PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK.
- REMOVE EXISTING EQUIPMENT, FIXTURES, PIPING, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, FIXTURES, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD. REMOVE EXISTING ABANDONED EQUIPMENT, FIXTURES AND PIPING IN AREAS THAT ARE TO BE RENOVATED.
- EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY AS AN AID TO THE CONTRACTOR. PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REPORTED IN WRITTEN FORM FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
- ANY HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.
- REMOVED PIPING IS TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL PIPING AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS.
- PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.
- REMOVE EXISTING CEILING\$ REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.
- PROVIDE AND INSTALL PLENUM WRAP, TESTED TO UL 84 AND UL 910, ON ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.
- PROVIDE CUTTING, TRENCHING AND PATCHING OF EXISTING FLOOR SLAB REQUIRED FOR THE INSTALLATION OF NEW UNDERGROUND PIPING.
- CUT OR CHANNEL INTO EXISTING WALL CONSTRUCTIONS AS REQUIRED FOR INSTALLATION OF NEW PIPING WITHIN EXISTING WALLS. PATCH WALL SURFACES AND FINISH AS REQUIRED TO MATCH EXISTING CONDITIONS.
- PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO PLUMBING EQUIPMENT AND FIXTURES. SET FIXTURES/EQUIPMENT AND FURNISH AND INSTALL NECESSARY FITTINGS, TRAPS, STOPS, ETC. AS REQUIRED.
- PLUMBING PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, FIRE PROTECTION PIPING, ELECTRICAL AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.
- PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- ISOLATION VALVES SHALL BE INSTALLED OVER ACCESSIBLE CEILING\$. WHEN ISOLATION VALVES ARE INSTALLED OVER INACCESSIBLE CEILING AREAS, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL 12" X 12" THINWALL CEILING ACCESS DOORS. TYPE TO BE VANDALPROOF, TAMPERPROOF ASSEMBLIES. INSTALLATION TO BE COORDINATED WITH GENERAL CONTRACTOR.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- PROTECT NEW AND EXISTING DRAIN OPENINGS AND SANITARY LINES DURING CONSTRUCTION TO PREVENT BLOCKAGE. ROD-OUT EXISTING SANITARY PIPING. PIPING SHALL BE FREE OF BLOCKAGE.
- REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.
- VIDEO TAPE EXISTING SANITARY MAIN TO CONFIRM EXISTING BRANCH SANITARY CONNECTION POINTS, INVERTS AND CONDITION OF PIPING AS REQUIRED TO COMPLETE WORK. PROVIDE REPORT INDICATING CONNECTION POINT LOCATIONS, INVERTS, AND ANY DEFICIENCIES IN EXISTING SANITARY PIPING SYSTEM PRIOR TO STARTING WORK.

SYMBOL LIST

- | | |
|--|---|
| | EXISTING UNDERGROUND SANITARY PIPING |
| | EXISTING COLD WATER PIPING |
| | EXISTING HOT WATER PIPING |
| | EXISTING HOT WATER RECIRCULATION PIPING |
| | EXISTING PIPING |
| | EXISTING PIPING TO BE REMOVED (ABOVE GROUND) OR CAPPED AND ABANDONED IN PLACE (UNDERGROUND) |
| | NEW UNDERGROUND SANITARY SEWER |
| | NEW COLD WATER PIPING |
| | NEW HOT WATER PIPING |
| | NEW HOT WATER RECIRCULATION PIPING |
| | NEW VENT PIPING |
| | PIPE DOWN |
| | PIPE UP |
| | SHUT-OFF VALVE |
| | CHECK VALVE |
| | HOSE BIBB/SILL COCK |
| | BALANCING COCK/MANUAL FLOW CONTROL VALVE |
| | SHEET NOTE TAG |
| | CLEANOUT |
| | CONNECT TO EXISTING COLD WATER DOWN |
| | ELECTRIC WATER COOLER EXISTING |
| | FLOOR CLEANOUT |
| | FLOOR DRAIN |
| | FLOOR SINK |
| | HOT WATER |
| | HOT WATER RECIRCULATION |
| | LAVATORY |
| | MOP BASIN |
| | SINK |
| | SILL COCK |
| | TEMPERED WATER |
| | URINAL |
| | VENT |
| | VENT THROUGH ROOF |
| | WATER CLOSET |

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PROJECT

21-143

DATE

10/31/22

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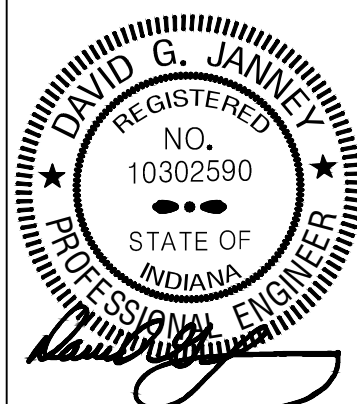
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PLUMBING SCHEDULE,
NOTES, SYMBOLS &
ABBREVIATIONS

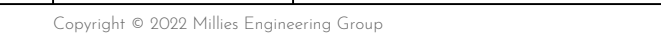
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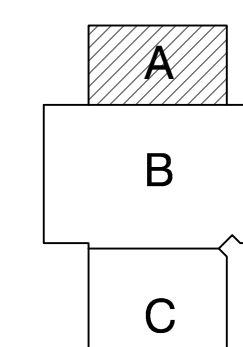
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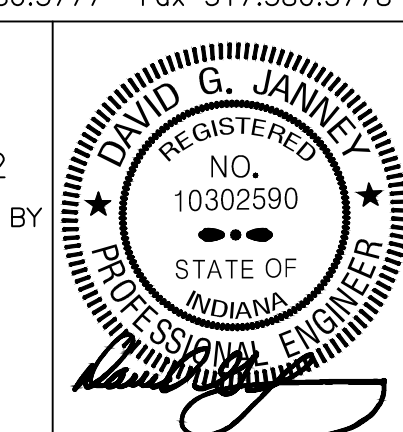


KEY PLAN

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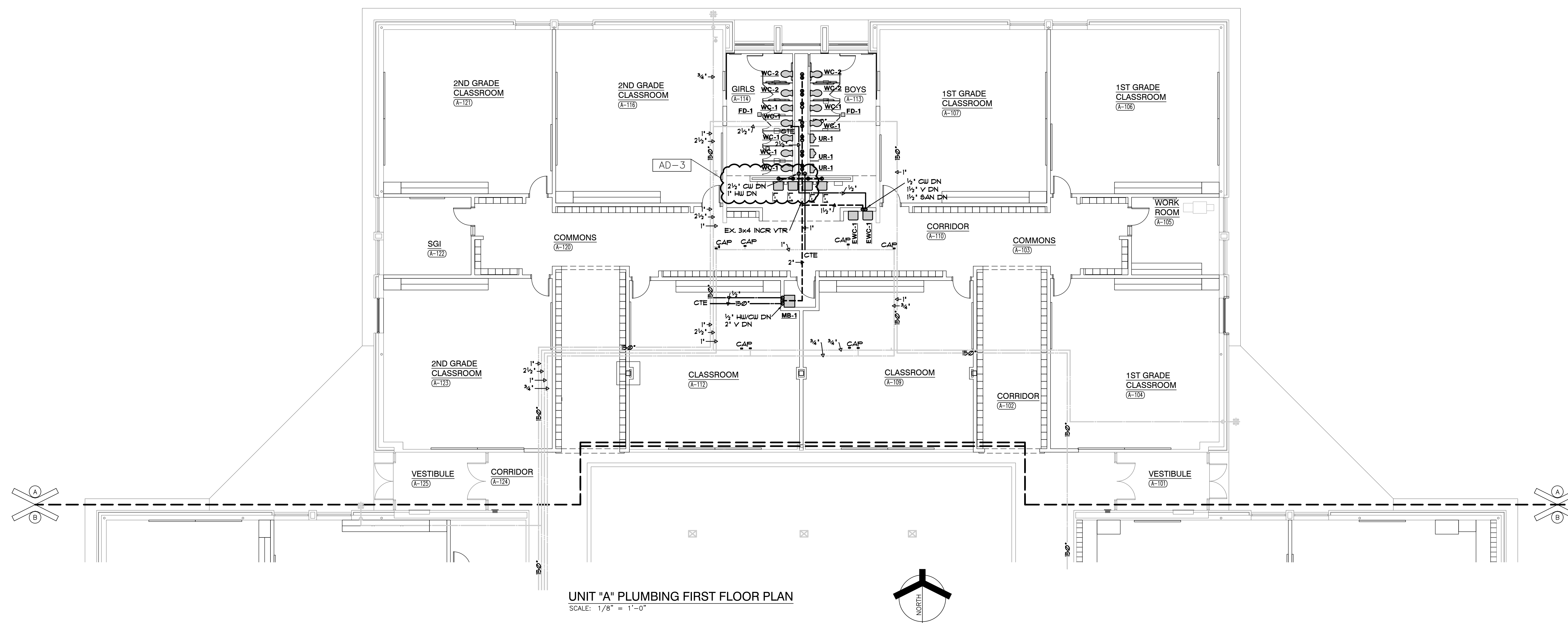
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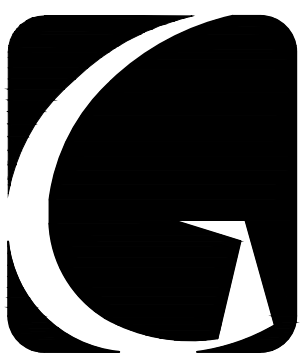
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A

P-111



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



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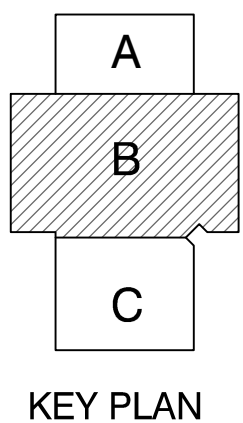
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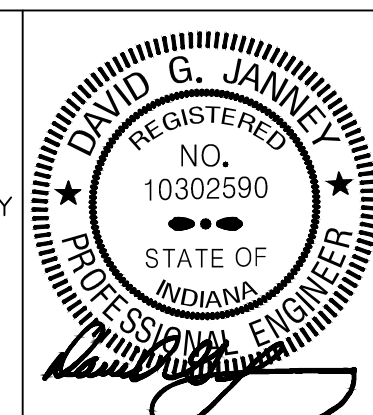
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AD-3	11/23/22	ADDENDUM NO. 3

DRAWING

**UNIT "B" PLUMBING FIRST
FLOOR PLAN**

PROJECT

**JACKSON ES -
ADDITIONS & RENOVATIONS**

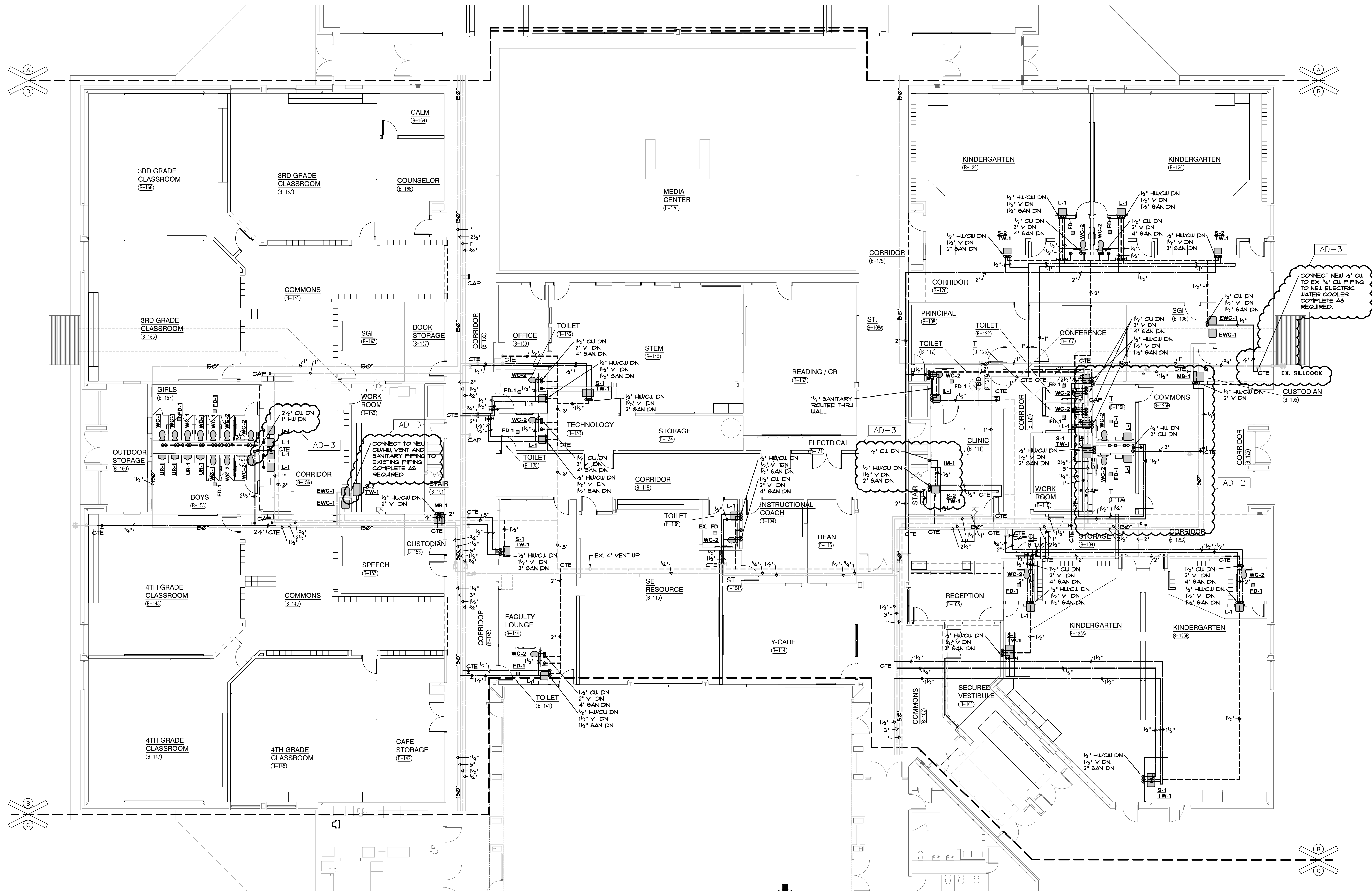
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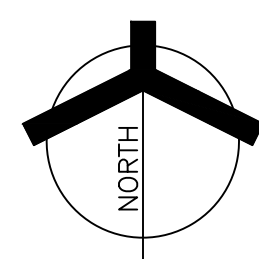
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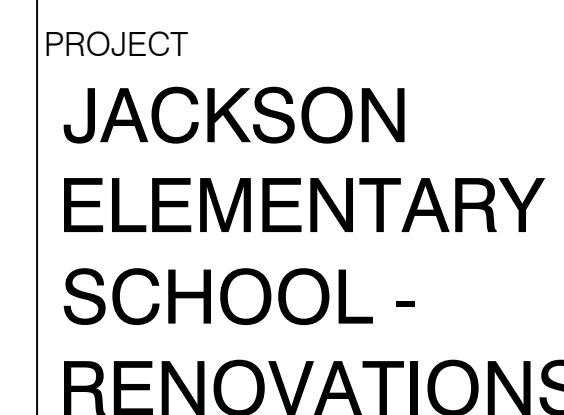
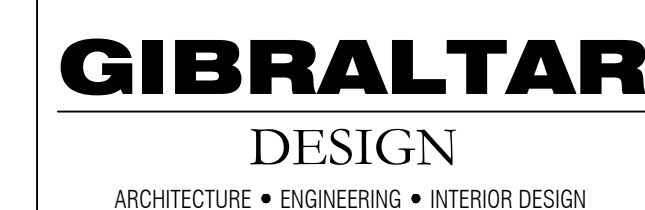
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UNIT "B" PLUMBING FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"





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PROFESSIONAL ENGINEER

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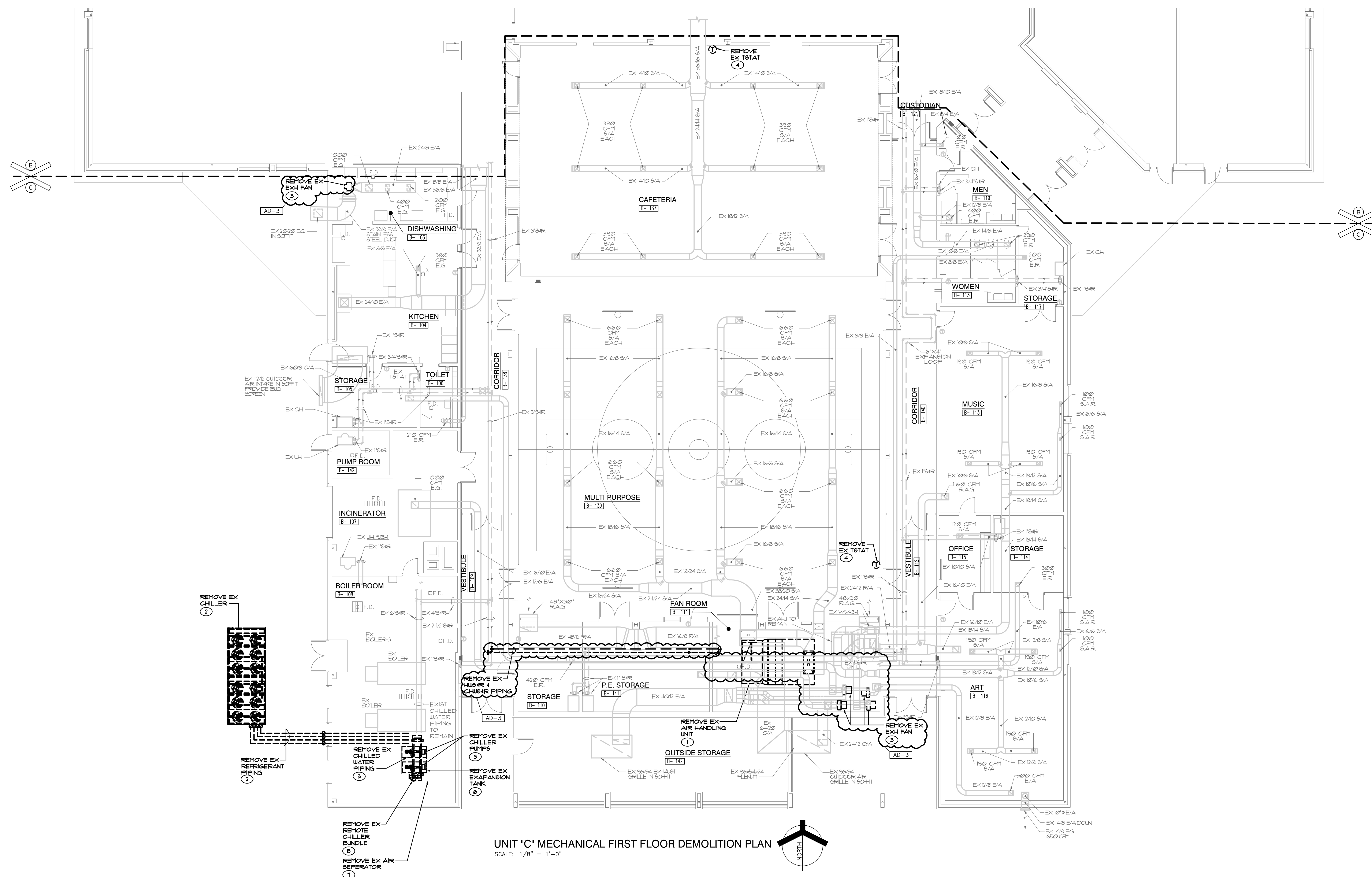
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DRAWING
UNIT "C" MECHANICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT
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1. REMOVE EXISTING INTERIOR HVAC UNIT AND ASSOCIATED SUPPLY DUCT, RETURN DUCT, OUTSIDE AIR DUCTWORK, THERMOSTAT, CONTROL WIRING, HOT WATER SUPPLY AND RETURN PIPING, VALVES, CIRCULATING PUMP, ELECTRICAL CONNECTIONS ETC. COMPLETE AS REQUIRED.
2. REMOVE EXISTING INTERIOR AIR-COOLED CHILLER AND ASSOCIATED CHILLED WATER PIPING, PUMP, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED, CHILLER IS CONNECTED TO A 2-PIPE DISTRIBUTION SYSTEM
3. REMOVE EXISTING HOT WATER PUMPS AND ASSOCIATED PIPING, VALVES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
4. REMOVE EXISTING PROGRAMMABLE THERMOSTAT AND ASSOCIATED CONTROL WIRING. COMPLETE AS REQUIRED. EXISTING SURFACE MOUNTED RACEWAY TO REMAIN FOR NEW CONTROL WIRING INSTALLATION.
5. REMOVE EXISTING INTERIOR REMOTE CHILLER BUNDLE AND ASSOCIATED CHILLED WATER PIPING, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
6. REMOVE EXISTING EXPANSION TANK AND ASSOCIATED PIPING COMPLETE AS REQUIRED
7. REMOVE EXISTING AIR SEPARATOR AND ASSOCIATED PIPING. COMPLETE AS REQUIRED.



SHEET NOTES

1. REMOVE EXISTING INTERIOR HVAC UNIT AND ASSOCIATED SUPPLY DUCT, RETURN DUCT, OUTSIDE AIR DUCTWORK, THERMOSTAT, CONTROL WIRING, HOT WATER SUPPLY AND RETURN PIPING, VALVES, CIRCULATING PUMP, ELECTRICAL CONNECTIONS ETC. COMPLETE AS REQUIRED.

2. REMOVE EXISTING VARIABLE AIR VOLUME BOX AND ASSOCIATED DUCTWORK, PIPING, CONTROLS, THERMOSTATS, CONTROL WIRING, ETC. COMPLETE AS REQUIRED.

3. REMOVE EXISTING UTILITY SET EXHAUST FAN AND ASSOCIATED CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING EXHAUST DUCTWORK TO BE REUSED UNLESS NOTED OTHERWISE.

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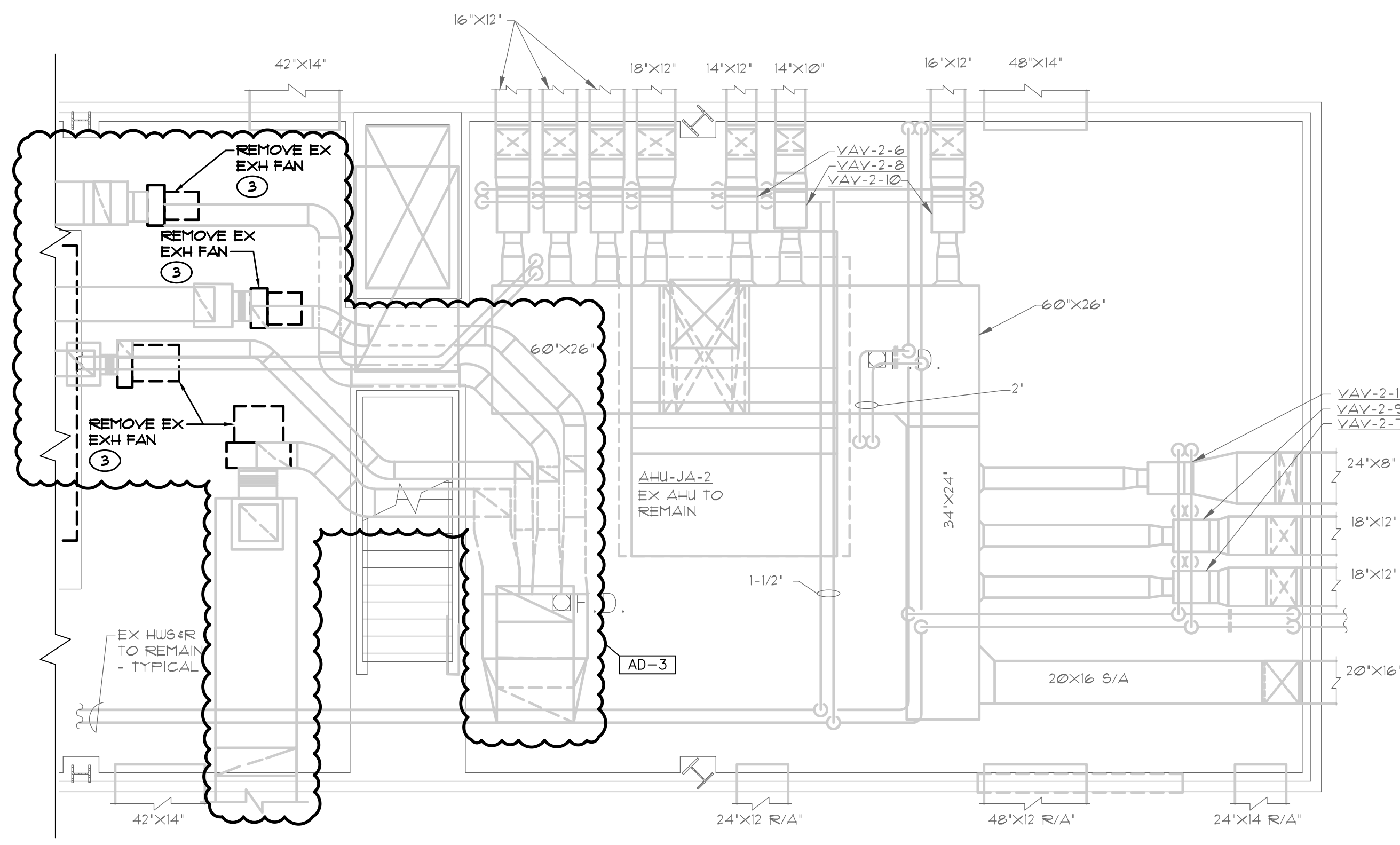
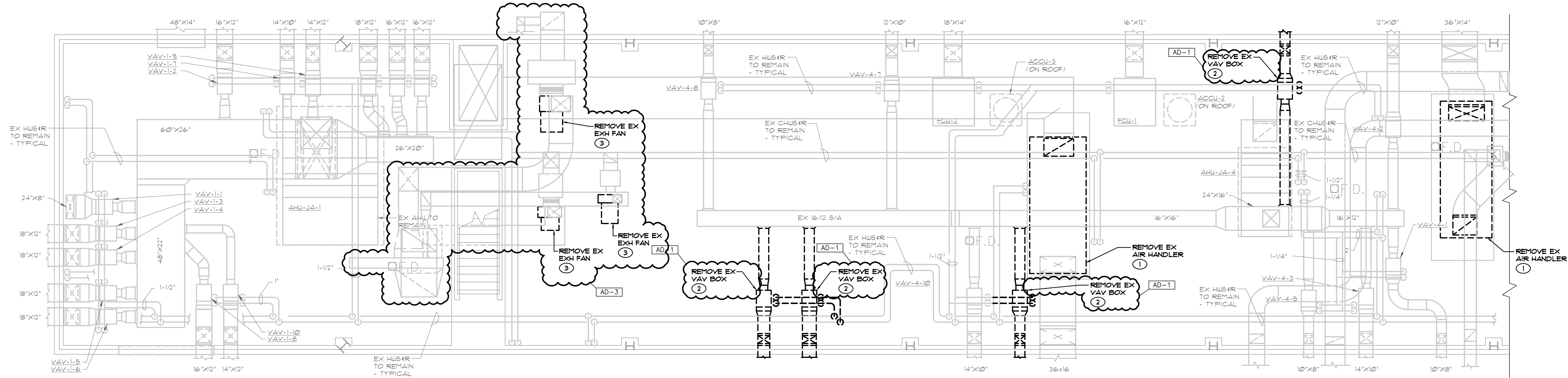
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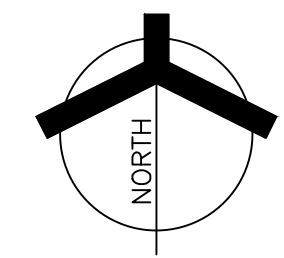
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MEZZANINE MECHANICAL DEMOLITION PLANS
SCALE: 1/4" = 1'-0"



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DJ

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DRAWING
**MEZZANINE MECHANICAL
DEMOLITION PLANS**

PROJECT
**JACKSON ES -
ADDITIONS & RENOVATIONS**

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MD104

SHEET NOTES

1.

EXISTING SUPPLY AIR DIFFUSER TO REMAIN. INSPECT AND CLEAN EXISTING DIFFUSER COMPLETE AS REQUIRED. BALANCE EXISTING SUPPLY AIR DIFFUSER TO AIRFLOW QUANTITY INDICATED ON PLAN.

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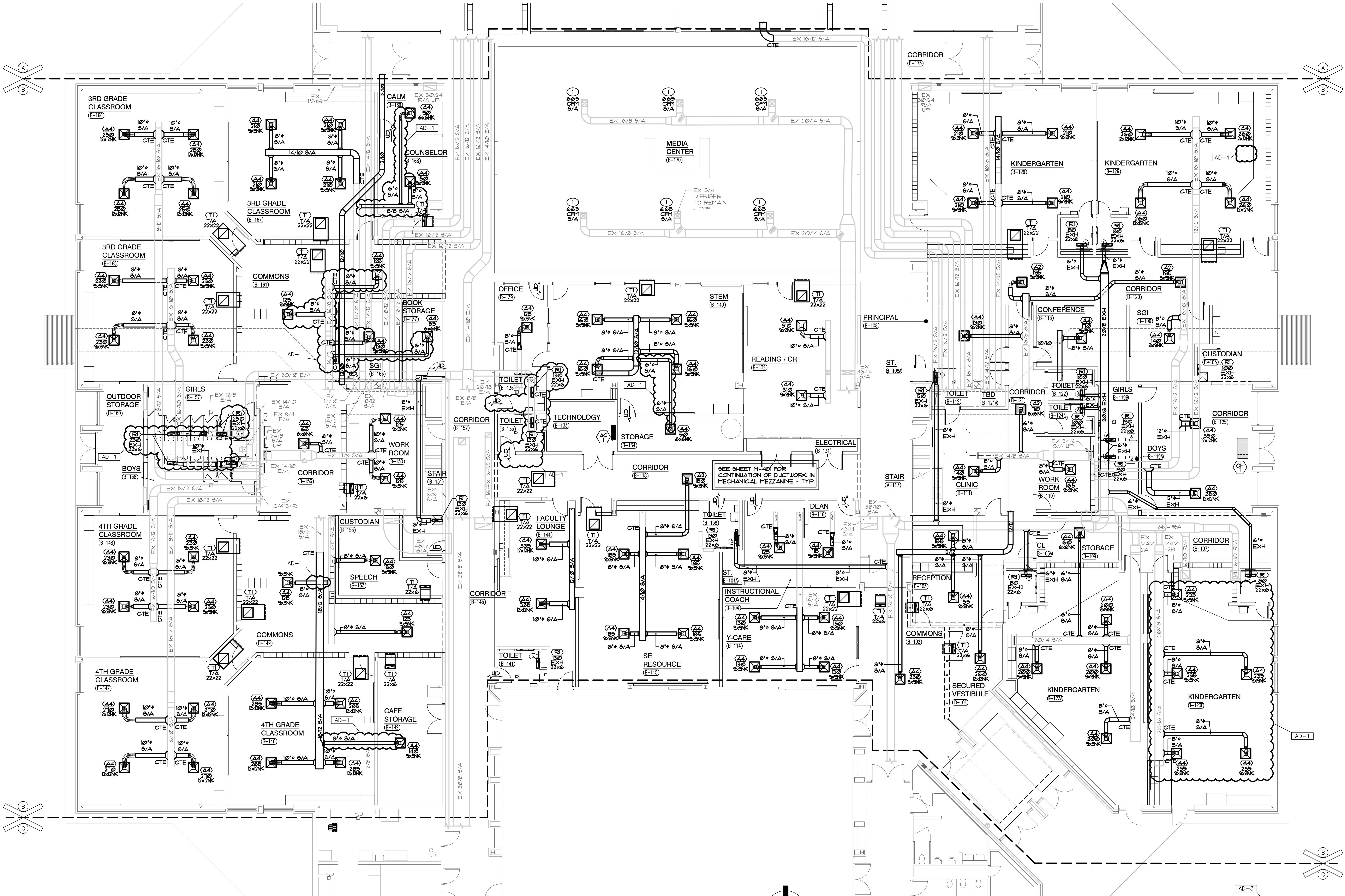
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SCHOOL -

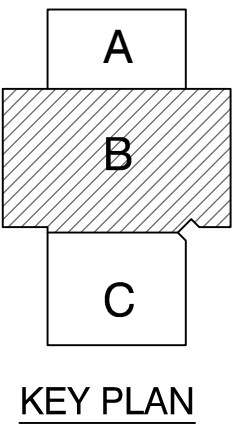
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UNIT "B" MECHANICAL FIRST FLOOR VENTILATION PLAN
SCALE: 1/8" = 1'-0"



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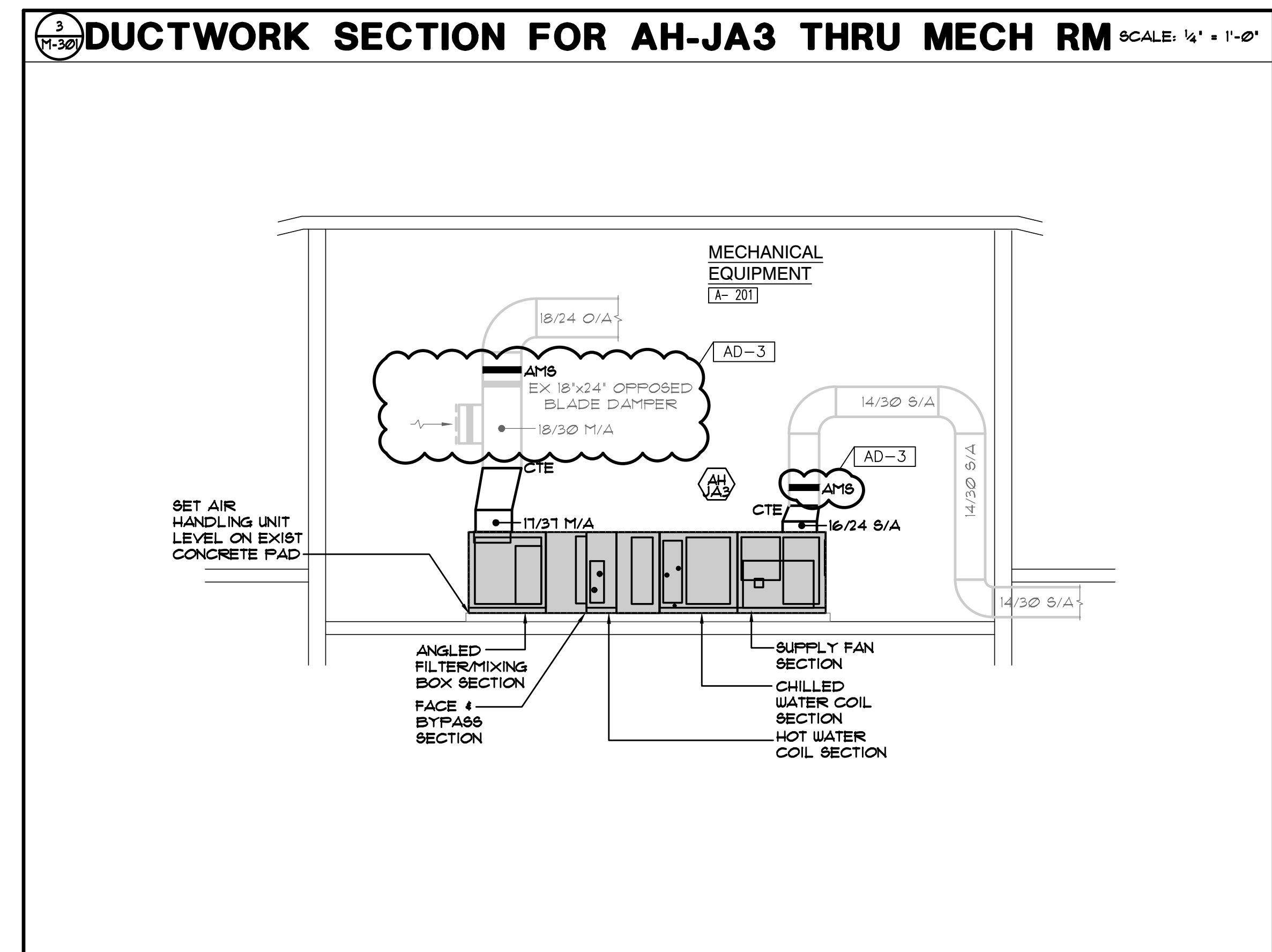
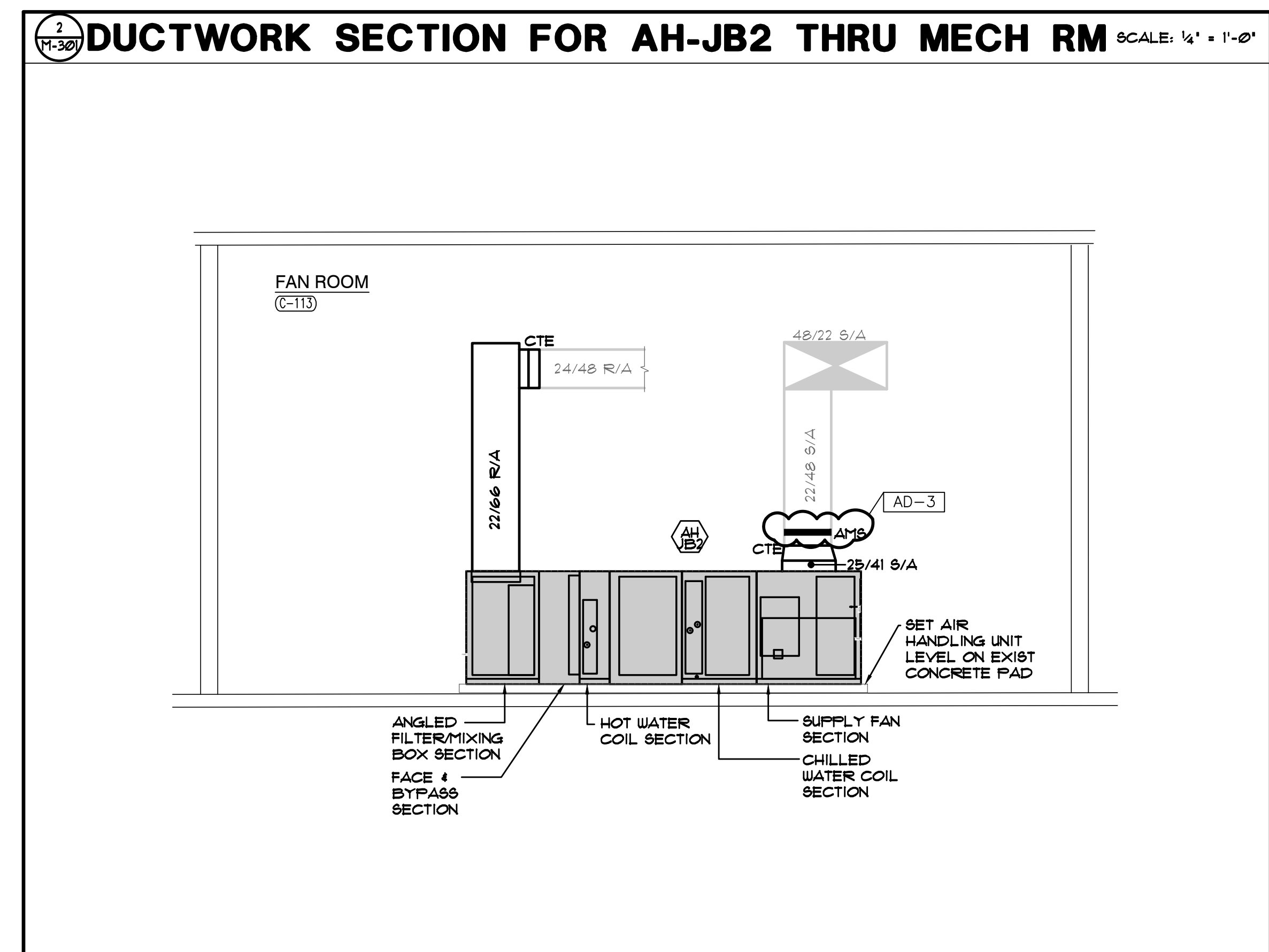
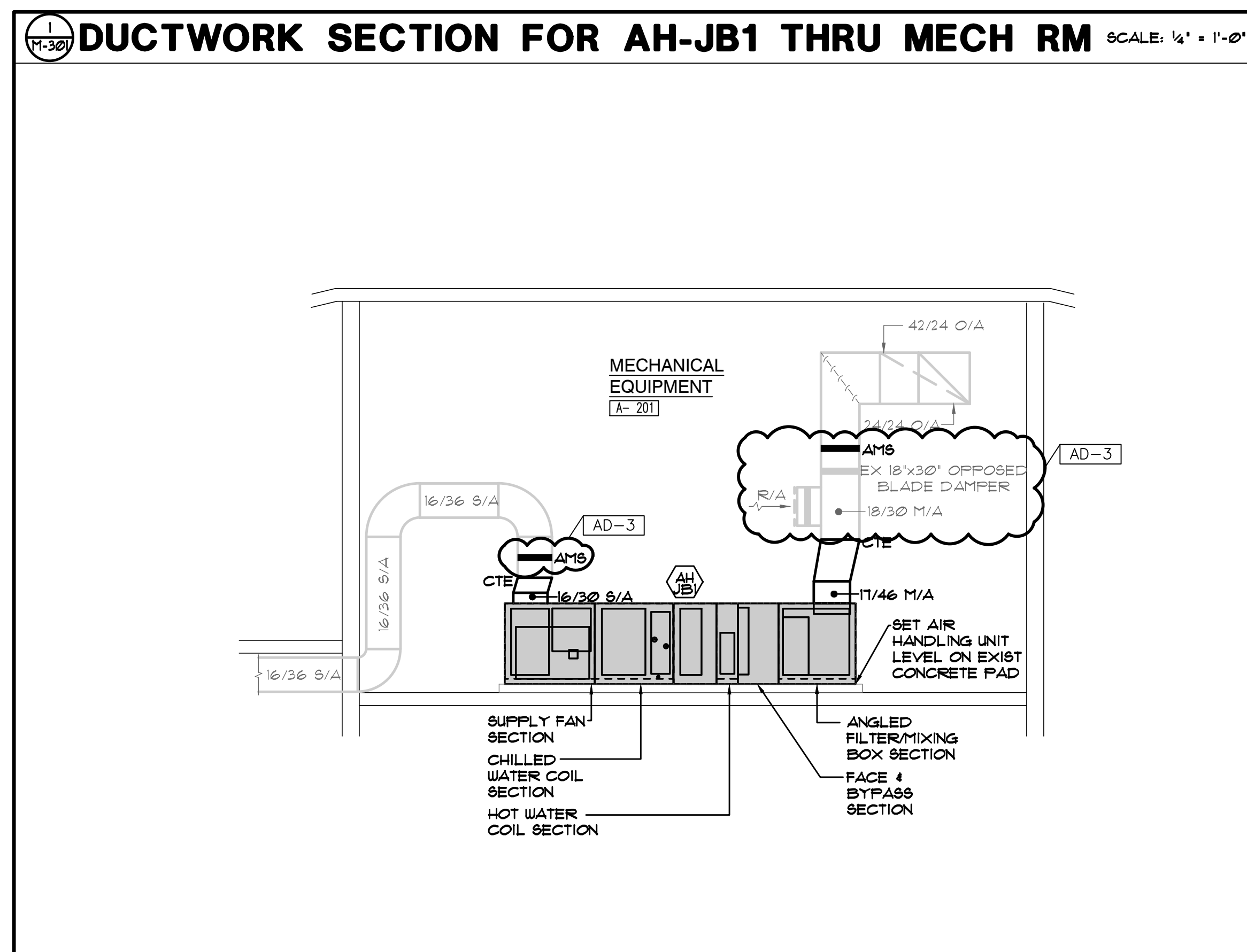
REVISIONS	MARK	DATE	ISSUED FOR
AD-1	11/09/22	ADDENDUM NO. 1	
AD-3	11/23/22	ADDENDUM NO. 3	

DRAWING
UNIT "B" MECHANICAL
FIRST FLOOR
VENTILATION PLAN

PROJECT
JACKSON ES -
ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN SHEET
B MV102

ENTIRE SHEET REVISED IN
THIS ADDENDUM



GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



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PROJECT

21-143

DATE	10/31/22
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COORDINATED BY

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DRAWING

MECHANICAL SECTIONS

PROJECT
JACKSON ES -
ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN

MEET

M-301

SYMBOL LIST

TECHNOLOGY

1 ALPHINE EXTERIOR DOOR INTERCOM SYSTEM, MOUNTED 48" AFF. PROVIDE BACK BOX WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.

1 ALPHINE INTERIOR DOOR INTERCOM SYSTEM, MOUNTED ON OWNER'S DESK. PROVIDE REAR BOX AT 42" AFF. WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.

1P8 ALPHINE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.

30 SCOREBOARD JUNCTION BOX MOUNTED 18" AF OR AS NOTED

ST SCORES TABLE OUTLET MOUNTED 18" AFF. OR FLUSH IN FLOOR, AS INDICATED

L ELECTRIC DOOR STRIKE - STUD ¾" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

100 HOLD OPEN RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

105 VIDEO INTERCOM CALL STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

106 VIDEO INTERCOM MASTER STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

10 KEYPAD - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

20 DOOR RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

30 DOOR STATUS SENSOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

20 PROXIMITY CARD READER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

100 VOLUME CONTROL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

30 SPEAKER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

10 ANALOG CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

20 MIC INPUT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

V VOICE/DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

V DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

100 LED CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

10 SPEAKER, HORN TYPE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION

100 VIDEO PROJECTOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

100 FLAT PANEL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

T VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

100 VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

SOUND CLOSET SOUND CABINET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

100 WIRELESS LAN ACCESS POINT CEILING MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

100 BUILDING AUTOMATION SYSTEMS - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

100 WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.

EQUIPMENT AND WIRING

① JUNCTION BOX - SIZE AND TYPE AS REQUIRED.

— FLEX CONDUIT CONNECTION

— JUNCTION BOX W/ FLEX CONDUIT CONNECTION.

~ ELECTRIC MOTOR CONNECTION - PROVIDE LOCAL DISCONNECT SWITCH PER NATIONAL ELECTRIC CODE - CONNECT MISCELLANEOUS ACCESSORIES SUCH AS BACK DRAFT DAMPERS, ETC. COMPLETE AS REQUIRED.

■ ELECTRIC PANELBOARDS.

□ DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER

☒ COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.

☒ MAGNETIC STARTER

① TRANSFORMER - SIZE AND TYPE AS REQUIRED

SP SURGE SUPPRESSION DEVICE

— TELEPHONE TERMINAL BOARD

T/B CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING

— CONDUIT CONCEALED ABOVE CEILING OR IN WALL

— CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR

— CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER

W/W FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK

— L.P. - AI HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.

— INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCH INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)

ADA DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" AFF. WITH 3/8" C. RATED DOOR OPERATOR.



DO DOOR DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HWARE SUPPLIER.

H HAND DRYER (MODEL SPECIFIED BY ARCHITECT). REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION.

□ FLSH IN FLOOR BOX, SIZE AND TYPE AS REQUIRED. VERIFY IN FIELD EXACT CONDITIONS AND REQUIREMENTS PRIOR TO ROUGH-IN. FURNISH AND INSTALL ACCESSORIES AND AFFURTEANCES AS REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

◆ CONDUIT STUB UP OUT OF FLOOR

SHEET SYMBOLS

 HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
 ELLIPSE TAG REFERENCE TO SHEET NOTES

 TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.

FIRE ALARM

NOTE: FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

A00— MOTORIZED DAMPER - E.G. TO INTERLOCK COMPLETE AS REQUIRED.

FACP FIRE ALARM CONTROL PANEL

HA FIRE ALARM ANNUCIIATOR PANEL

KNOX BOX - PER THE LOCAL FIRE DISTRICT STANDARDS, AT THE LOCATION INDICATED. PROVIDE BOTH POWER AND SMOKE EVACUATION KEY CONTROLS. VERIFY ELEVATION OF DEVICE WITH THE LOCAL FIRE DISTRICT PRIOR TO INSTALLING SAME. WHERE REQUIRED, FURNISH AND INSTALL A FLASHING ANNUCIIATOR, TIED TO THE FIRE ALARM SYSTEM, TO IDENTIFY LOCATION OF THE KNOX BOX.

AD AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2) TELEPHONE LINES TO EACH DIALER FROM T.B.B.

✓ FIRE ALARM SPEAKER / STROBE WITH 110 CANDELA MTD. 80' AFF. OF 6' BELOW FINISHED CEILING WHICHEVER IS LOWER

✗ FIRE STROBE MTD 80' AFF. - 15 CANDELA

✗ FIRE ALARM SPEAKER / STROBE MTD 80' AFF. - 15 CANDELA

F FIRE ALARM MOUNTED FIRE ALARM SPEAKER. PROVIDE RECESSED UNITS WHERE CEILINGS EXIST AND SURFACE MOUNT UNITS IN EXPOSED CEILING AREAS.

CD FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (R/R - FIXED TEMP) IN BOILER ROOM

SC FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP

FA FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT DOWN PANEL - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72

FR FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.

SFDP SMOKE FIRE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.

SDT SMOKE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.

FS FIRE PROTECTION SPRINKLER FLOW SWITCH

TS FIRE PROTECTION SPRINKLER TAMPER SWITCH

FB FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRED

◆ ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED; CONTRACTOR SHALL DETERMINE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

SWITCHING

\$ GENERAL PURPOSE 1-POLE SWITCH - (TYPICAL - MOUNTED 42" AFF) (HUBBELL #M21 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.

\$³ GENERAL PURPOSE 3-WAY SWITCH MTD 42" AFF (HUBBELL #M23 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.

\$⁴ GENERAL PURPOSE FOUR WAY SWITCH MTD. 42" AFF (HUBBELL #M24 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.

\$^M FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF, SENSORSUBX RBUX-PDT OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS.

☑ 0-120V DIMMER SWITCH - (TYPICAL - MOUNTED 42" AFF) (PROVIDE LEVITON OR LUTRON DIMMER - COORDINATE EIGHT MODEL WITH OWNER AND WITH FIXTURE MANUFACTURER COMPATIBILITY).

Ⓣ FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK, MANUFACTURERS: SENSORSUBX KCM-PDT-10-IMP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

\$^H FURNISH AND INSTALL CEILING MOUNTED HIGH BAY OCCUPANCY SENSOR WITH POWER PACK, MANUFACTURERS: SENSORSUBX KCM-H-6 OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

WG^U FURNISH AND INSTALL CEILING MOUNTED PIR HIGH BAY OCCUPANCY SENSOR WITH POWER PACK AND WIREGUARD PROTECTION. MANUFACTURERS: N-LIGHT NCMH-6 OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

(PC) EXTERIOR LIGHTING CONTROL PHOTOCELL

\$^S UTILITY CONTROLLER FOR SCIENCE LAB SHUT OFF SWITCHES AND EQUIPMENT RESESSORS MOUNTED IN WALL WITH THE SCIENCE ROOF SHUT-OFF SCHEMATIC WIRING DIAGRAM FOR ADDITIONAL INFORMATION.

GG^G GYMNASIUM LIGHTING CONTROL SWITCH (TYPICAL - MTD AT 42" AFF) REFER TO DETAIL FOR ADDITIONAL INFORMATION.

\$^K KEY OPERATED TOGGLE TYPE SWITCH

\$^{PS} PROJECTOR SCREEN SWITCH ROUGH-IN. PROVIDE SUITABLE BACK BOX AND STAINLESS STEEL ENGRAVED COVER PLATE FOR SWITCH DEVICES FURNISHED BY EQUIPMENT SUPPLIER.

\$ MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION

(DH) WIRELESS CEILING MOUNTED DAYLIGHT HARVESTING SENSOR BY N-LIGHT

RECEPTACLES

① 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" AFF. OR AS NOTED) (HUBBELL #5362 OR EQUAL.)

② 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" AFF. OR 2' ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL.)

③ 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL.)

④ 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH GFI PROTECTION - (MOUNTED 18" AFF. OR AS NOTED) (HUBBELL #K210 OR EQUAL.)

⑤ 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH GFI PROTECTION (MOUNTED 42" AFF. OR 2' ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #K210 OR EQUAL.)

⑥ SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS).

REEL CORD WITH 45' CORD AND 20A DUPLEX GFCI RECEPTACLE, HUBBELL #HBL4520G20 OR EQUAL, COMPLETE WITH BALL STOP, AND ALL OTHER NECESSARY ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. MOUNT REEL CORD TO THE STRUCTURE ABOVE OR TO THE CEILING GRID (WHERE CEILING EXIST). VERIFY CONDITIONS, REQUIREMENTS AND LOCATIONS IN FIELD PRIOR TO ROUGH-IN.

⑦ PROVIDE LOW VOLTAGE FURNITURE FEED. PROVIDE 2 GANG BACK BOX WITH 2" CONDUIT TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUNDS. EXTEND 2" FLEXIBLE CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH FURNITURE SUPPLIER.

⑧ ELECTRICAL POWER FURNITURE FEED. PROVIDE 2 GANG BACK BOX AND EXTEND 1" FLEXIBLE CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH THE FURNITURE SUPPLIER.

⑨ WIREMOLD #MCA SERIES POKE THROUGH DEVICE WITH ALUMINUM FLANGE AND BLACK FACE PLATE. PROVIDED WITH TWO (2) DUPLEX RECEPTACLES, TWO (2) DATA JACKS, PROVIDED CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST 1" HGF LOW VOLTAGE CONDUIT ON PLANE. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' BLACK LENGTH. PROVIDE WITH SCRUB RESISTANT GASKETING AND ALL PROPER ACCESSORIES TO BE INSTALLED THROUGH THE FLOOR. PROVIDE COMMUNICATIONS CONTRACTOR AFTER TO PROPERLY ROUTE LOW VOLTAGE WIRING TO THE ACCESSIBLE CEILING SPACE.

 FLUSH IN WALL 'TV' PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. REFER TO TECHNOLOGY DRAWINGS FOR SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK AS INDICATED IN 'T' SERIES OF SHEETS. COORDINATE EXACT MOUNTING HEIGHT PRIOR TO ROUGH-IN.

ELECTRICAL ABBREVIATIONS

NOTE:
ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED
BELOW. REFER TO CSI SECTION 01420 FOR ANY ABBREVIATIONS
LISTED ON THE DRAWINGS BUT ARE NOT LISTED BELOW.

A	AMPS	KVA	KILOVOLT AMPERE
AC	AIR CONDITIONING	KW	KILOWATTS
AFB	ABOVE FINISHED FLOOR	MECH	MECHANICAL
AFS	ABOVE FINISHED GRADE	MTD	MOUNTED
BRKR	BREAKER	N	NEW LOCATION OF EXISTING RELOCATED DEVICE
C	CONDUIT	NC	NOT IN CONTRACT
CH	CABINET HEATER	NL	NIGHT
CKT	CIRCUIT	NTS	NOT TO SCALE
DISTR	DISTRIBUTION	O/C	ON CENTER
EF	EXHAUST FAN	P	POLE
ELEC	ELECTRICAL	PNL	PANEL
EM	EMERGENCY	PH	PHASE
ENT	ELECTRICAL METALLIC TUBING	RR	REMOVE AND RELOCATE EXISTING DEVICE
EX	EXISTING DEVICE TO BE REMOVED	SU	SUIT
EX	EXISTING DEVICE TO REMAIN	TYT	TYPICAL
F	FUSE	UNLS	UNLESS OTHERWISE NOTED
F	FUSIBLE SWITCH	V	VOLTS
FS	FUSE	VIF	VERIFY IN FIELD
G	GROUND	W	WATTS
GFI	GROUND FAULT INTERRUPTING PROTECTION	W	WATTS
GRG	GALVANIZED RIGID CONDUIT	UP	WEATHERPROOF TYPE DEVICE
HP	HORSEPOWER	UG	UNDER GROUND
J	JUNCTION BOX	FI	FURNISH AND INSTALL



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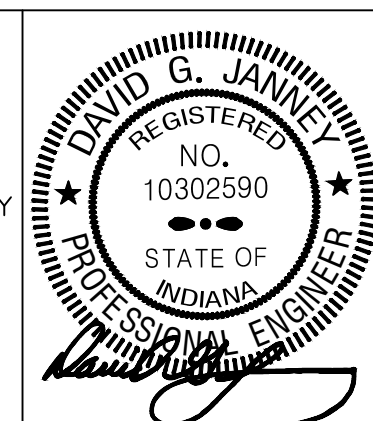
PROJECT

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DRAWING

ELECTRICAL SYMBOLS & ABBREVIATIONS

PROJECT
JACKSON ES -
ADDITIONS & RENOVATIONS

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SHEET

E-001

GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.

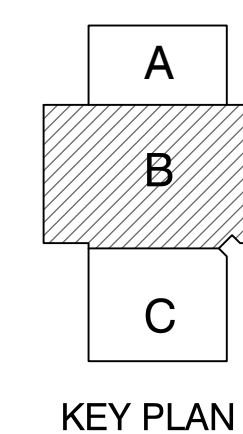
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS "ER") AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX, COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.

3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.

4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.

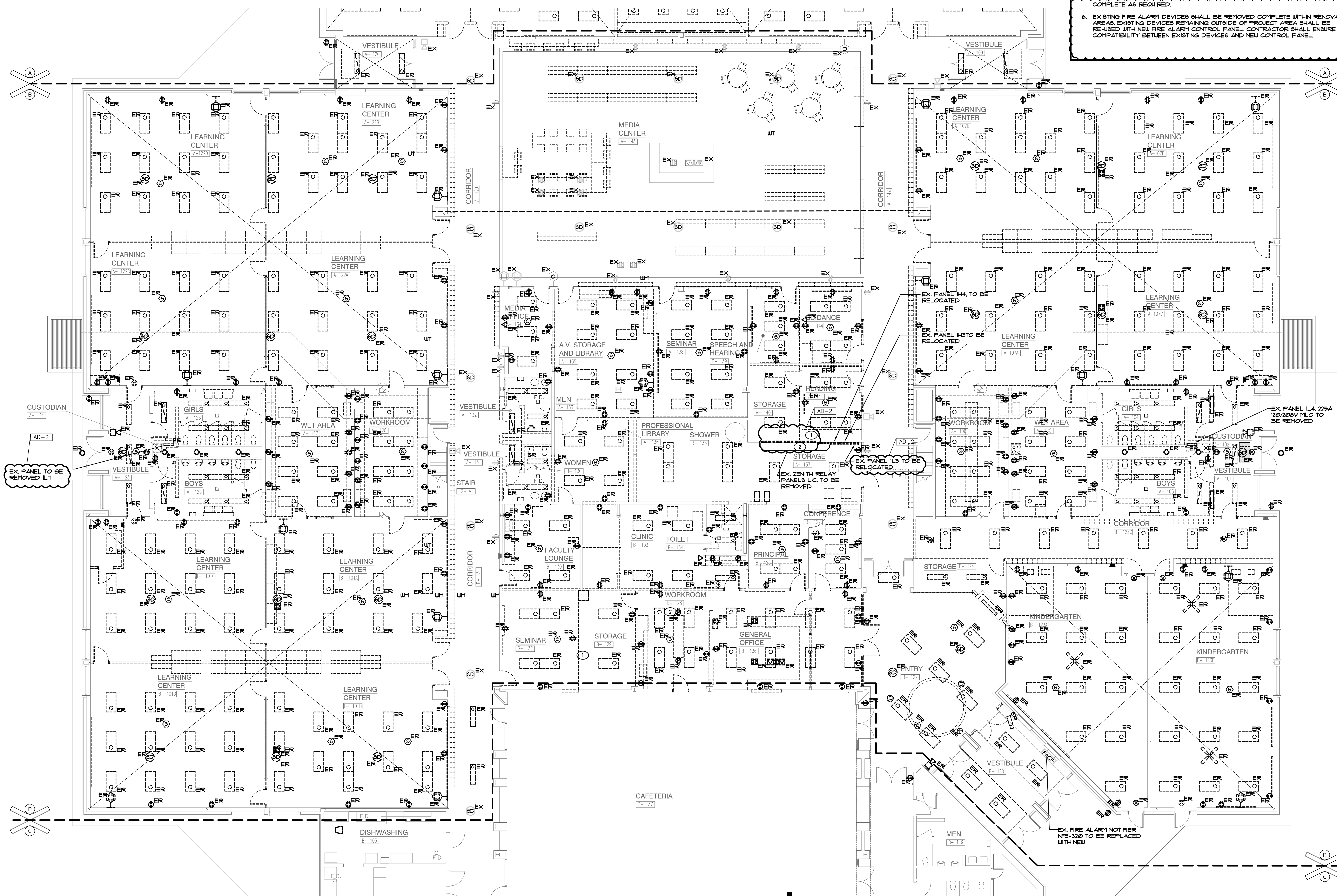
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED COMPLETE WITHIN RENOVATION AREAS. EXISTING DEVICES REMAINING OUTSIDE OF PROJECT AREA SHALL BE RE-USED WITH NEW FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL ENSURE COMPATIBILITY BETWEEN EXISTING DEVICES AND NEW CONTROL PANEL.

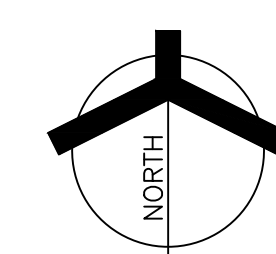


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1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELLED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX, COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
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4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL LOW VOLTAGE ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED COMPLETE WITH RENOVATION AREA. EXISTING DEVICES REMAINING OUTSIDE OF PROJECT AREA SHALL BE REMOVED WITH NEW FIRE ALARM DEVICES. ALL WIRING, STRUCTURAL, AND ELECTRICAL DEVICES SHALL BE REMOVED TO ENSURE COMPATIBILITY BETWEEN EXISTING DEVICES AND NEW CONTROL PANEL.



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



1. ELECTRICALLY DISCONNECT EXISTING MECHANICAL UNIT. RETAIN CIRCUIT FOR RE-USE WITH NEW EQUIPMENT ONCE INSTALLED. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL INFORMATION.



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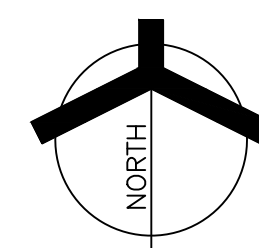
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REVISIONS		
MARK	DATE	ISSUED FOR
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PROJECT
JACKSON ES -
ADDITIONS & RENOVATIONS

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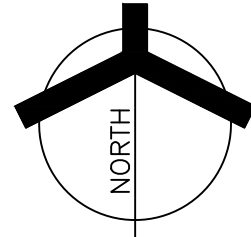


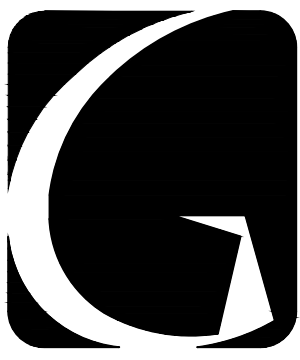
SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 44000V PER 271 VOLT CIRCUIT, WHERE NECESSARY, THE CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED, VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 44000V PER 271 VOLT CIRCUIT, PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING, WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING EMERGENCY PANEL, THE CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED, VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, MAXIMUM 44000V PER 271 VOLT CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THE CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED, VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. NOT USED.
2. SHADED FIXTURES, FIXTURES WITH 'E1' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
4. FIXTURES WITH A 'N1' TAG SHALL BE CONNECTED TO NORMAL LIGHTING IN EMERGENCY LIFE SAFETY PANEL.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWEROFF TO 100% REGARDLESS OF SWITCH POSITION.
6. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AFTER ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.





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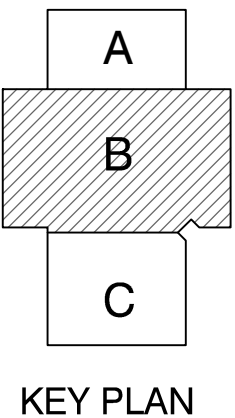
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PROJECT

**JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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PROJECT

21-143

DATE

10/31/22

COORDINATED BY

JC

DRAWN BY

MS

CHECKED BY

DJ

REGISTERED

NO.

10302590

STATE OF

INDIANA

PROFESSIONAL ENGINEER

EXPIRATION DATE

10/31/25

REVISIONS

MARK DATE ISSUED FOR

AD-2 11/16/22 ADDENDUM NO. 2

AD-3 11/23/22 ADDENDUM NO. 3

DRAWING

UNIT "B" ELECTRICAL

FIRST FLOOR LIGHTING

PLAN

PROJECT

JACKSON ES -

ADDITIONS & RENOVATIONS

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EL102

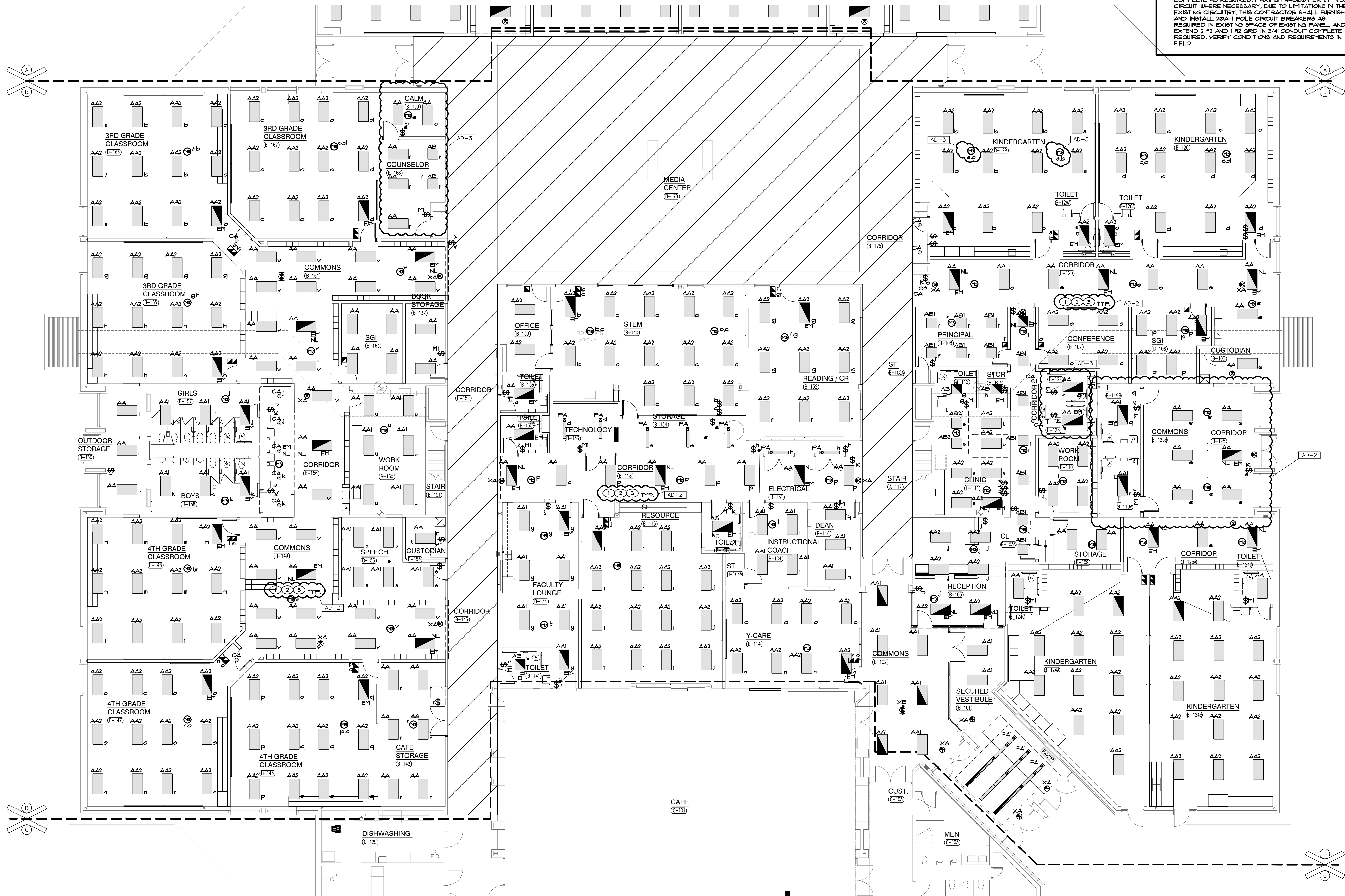
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GENERAL NOTES

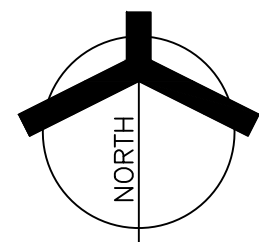
1. NOT USED.
2. SHARED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE. THE FIXTURE SHALL BE PROVIDED WITH A UL324 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. COMPLETE AS REQUIRED. MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. COMPLETE AS REQUIRED. MAXIMUM 4400W PER 211 VOLT CIRCUIT. PROVIDE UL324 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED. MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



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

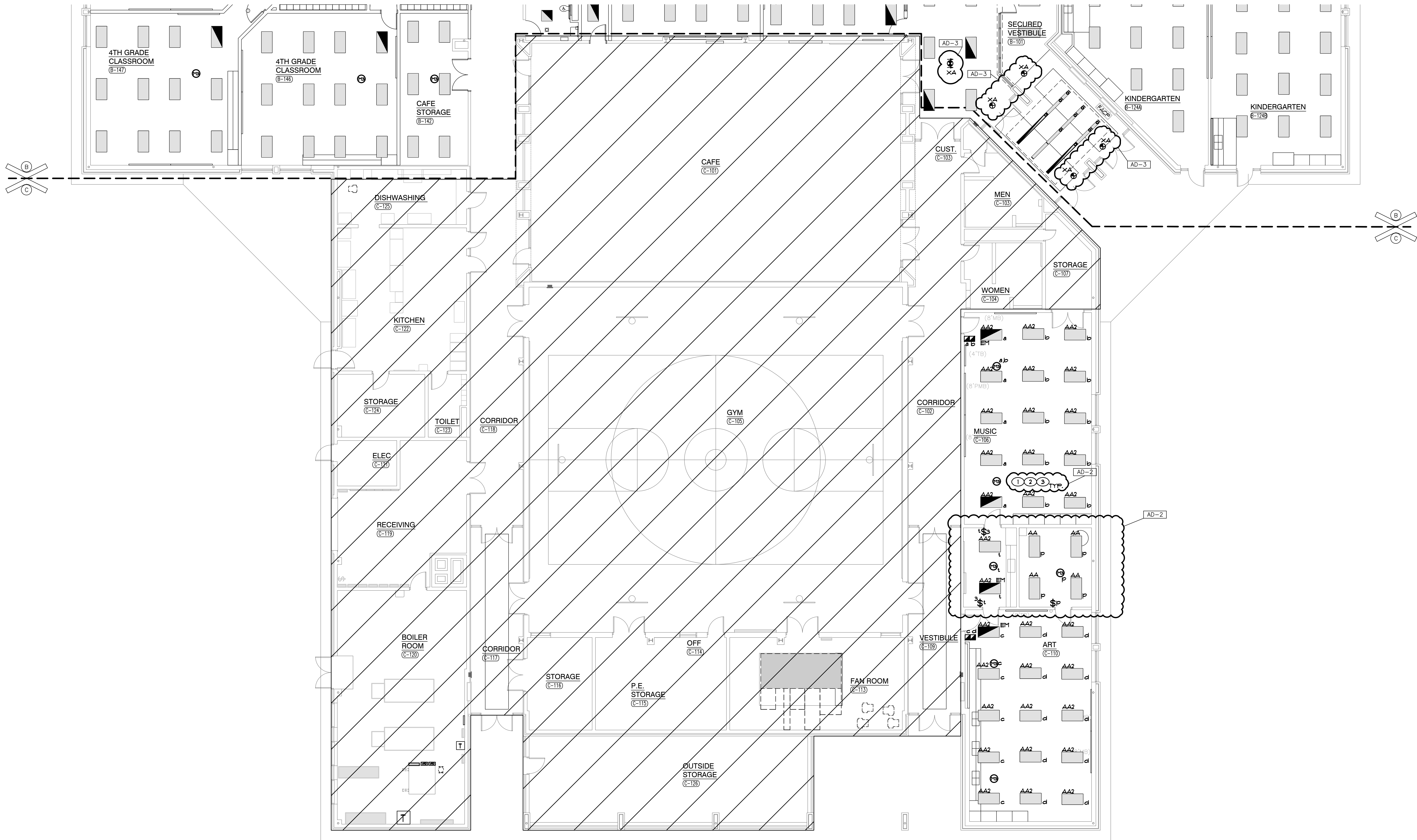


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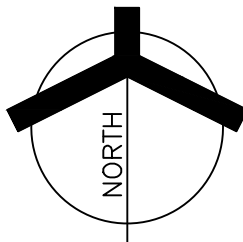
1. NOT USED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
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7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. PROVIDE UL324 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING, WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



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



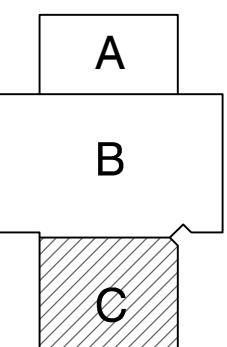
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PROJECT
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CHESTERTON, INDIANA

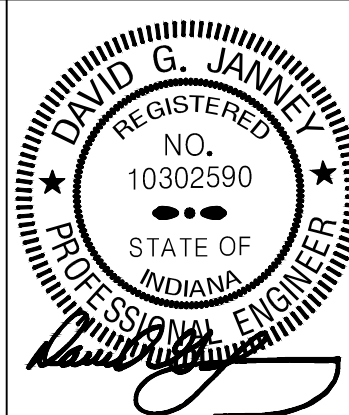


KEY PLAN

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AD-3	11/23/22	ADDENDUM NO. 3

DRAWING
**UNIT "C" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN**

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**JACKSON ES -
ADDITIONS & RENOVATIONS**

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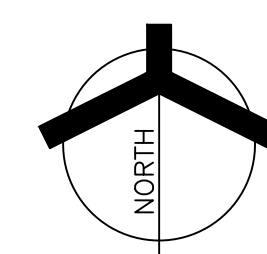
KEY PLAN

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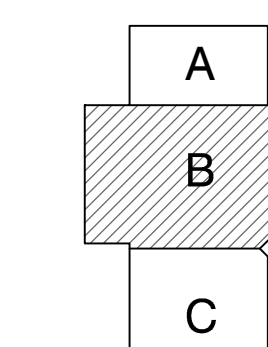


UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

PROJECT

JACKSON
ELEMENTARY
SCHOOL -
RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT
21-143

DATE 10/17/13

10/31/20

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UNIT "B" ELECTRICAL
FIRST FLOOR POWER
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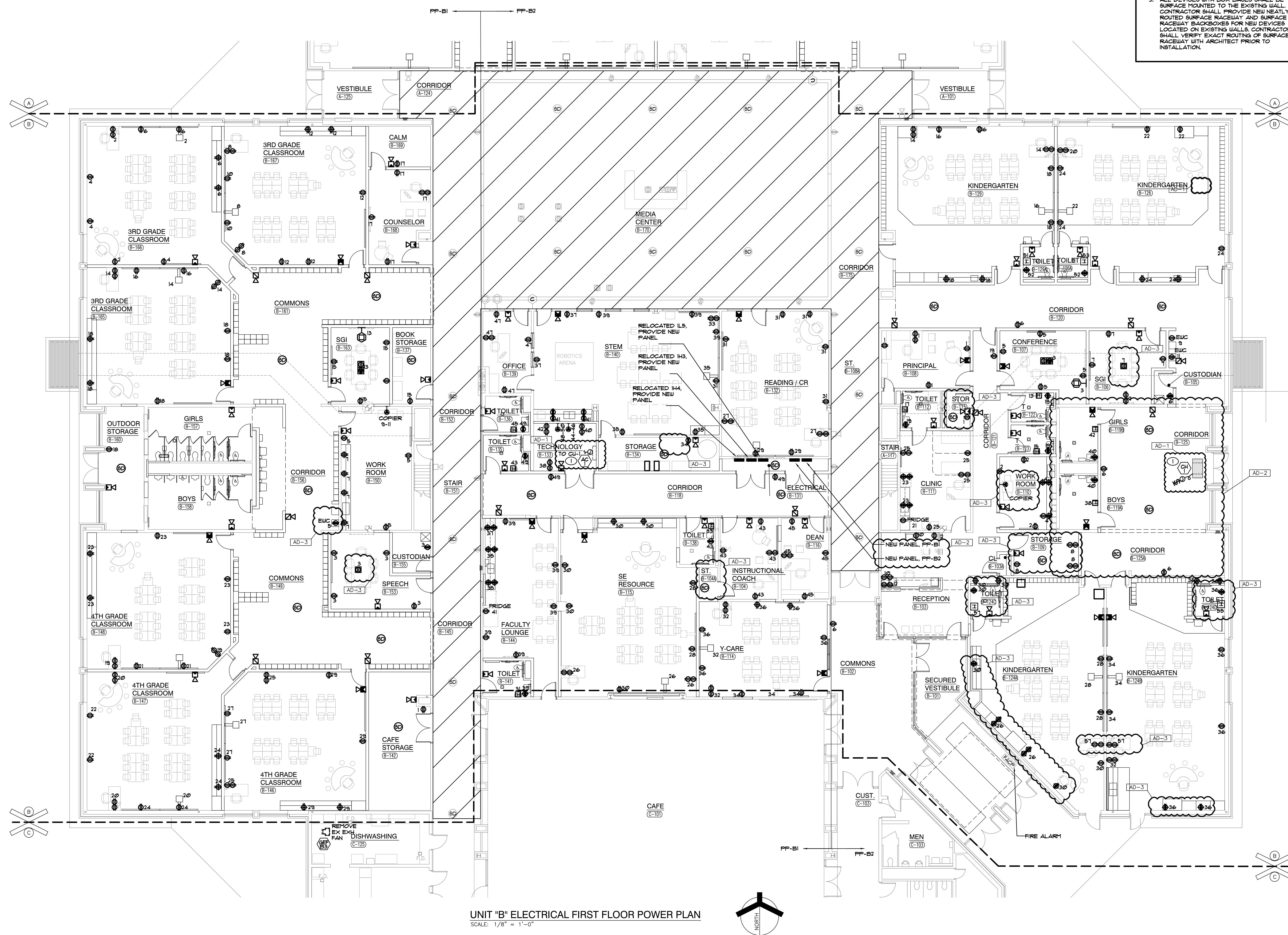
EP102

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANELS & PUL-BI AND PUL-B2. REFER TO DEVIATION/LINES FOR ADDITIONAL INFORMATION.
2. REFER TO LOW VOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TELEPHONY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. LOCATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNIE, ARCHITECT, OWNER AND CONTRACTOR HARGER AND DOWSON 21 CONTRACTOR PRIOR TO ROUGH-IN.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE MOUNTED BACKBOXES FOR ALL DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.

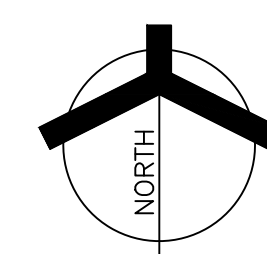


UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

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



1. CIRCUIT ALL DEVICES TO EXISTING PANEL, ITS UNLESS OTHERWISE NOTED, UTILIZE EXISTING SPACES AND SPACES. CIRCUIT NUMBERS SHOWN ON THE ELECTRICAL SCHEDULE SHALL INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUITING REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
2. REFER TO LOW VOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TELEPHONE SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS, ETC. VERIFY ALL REQUIREMENTS. COORDINATE AND VERIFY ALL LOCATIONS WITH ALL TRADES. VERIFY ROUGH-IN AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGERS AND DIVISION 21 CONTRACTOR PRIOR TO ROUGH-IN.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEWLY ROUTED SURFACE RACEWAY AND NEW DEVICES. CONTRACTOR SHALL PROVIDE NEW SURFACE ROUTED SURFACE BACKBOXES FOR NEW DEVICES. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.



EP103

NOTED OTHERWISE, THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSORSWITCH WIRED COMPLETE WITH OCCUPANCY SENSORS, POWER PACKS, EMERGENCY ACCESSORIES, ETC. SYSTEM TO BE WIDED WITH COMPONENTS AND ACCESSORIES AS REQUIRED TO PROVIDE FUNCTIONALITY PER THE SET DOCUMENTS.

CONTROL EQUIPMENT WILL BE CONSIDERED FROM THE FOLLOWING MANUFACTURERS: EATON, HUBBELL, WATTS/STONER OR HUBBELL CONTROLS. THE SUBMITTED LIGHTING CONTROL SYSTEM PROVIDE FULL LIGHTING CONTROL FUNCTIONALITY AS SPECIFIED.

IF DIFFERENCES BETWEEN MANUFACTURERS' DIAGRAMS SHOWN ARE DIAGRAMMATIC AND MAY NOT AFFECT PARTS AND ACCESSORIES REQUIRED, CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH CONTRACT MANUFACTURER AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED TO COMPLETE THE LIGHTING CONTROL SYSTEM AS SPECIFIED ON SET DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.

AS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS,

12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S STAFF.

BPY868 DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER. TO COMPLETE THE UL924 BPY868 SHALL PROVIDE BPY868 FOR BOTH THE POWER AND CONTROL SYSTEMS. COMPLETE AS REQUIRED.

VOLTAGE CABLEING SHALL BE PLENUM RATED, CABLEING ROUTED IN CONCEALED AREAS SHALL BE NEATLY EXPOSED WITHIN J-HOOKS, CABLEING LOCATED IN EXPOSED CEILING SHALL BE PROTECTED IN UL94V-0 RATED CONDUIT. LOW VOLTAGE CABLEING INSTALLATION SHALL MEET LOCAL REQUIREMENTS.

AD-3

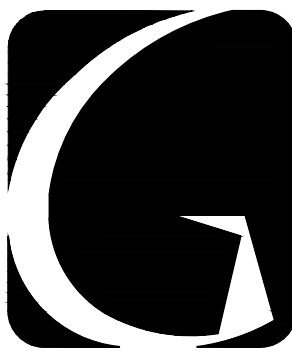
TAG	DESCRIPTION	LOAD				MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTER BY:		LOCATION	REMARKS	
		WATTS	HP	MCA	FLA							AMPS	C/B	C	MC			EC
C-1	GRADE MOUNTED AIR COOLED CHILLER W/ REMOTE INTERIOR BUNDLE	21200	-	256	-	-	300	480	3	M0B	-	300A/3P	4 000 4 1 14 GRD	3'	X	-	-	-
AH-JB1	INTERIOR CENTRAL STATION AIR HANDLING UNIT	8512	-	10	-	-	15	480	3	M0B	-	15A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	-
-	HOT WATER HEATING / CHILLED WATER COOLING - SZYAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH-JB2	INTERIOR CENTRAL STATION AIR HANDLING UNIT	28026	-	34	-	-	60	480	3	M0B	-	60A/3P	4 116 4 1 116 GRD	1'	X	-	-	-
-	HOT WATER HEATING / CHILLED WATER COOLING - SZYAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH-JA3	INTERIOR CENTRAL STATION AIR HANDLING UNIT	8512	-	10	-	-	15	480	3	M0B	-	15A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	-
-	HOT WATER HEATING / CHILLED WATER COOLING - SZYAV	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-
CH-1	RECESSED CEILING MOUNTED HOT WATER CABINET HEATER	168	-	-	-	1.4	-	120	1	M0B	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	-
GEF-1	GENERAL ROOF MOUNTED EXHAUST FAN - C12-STORE	528	1/6	-	-	-	-	120	1	-	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	-
GEF-2	GENERAL ROOF MOUNTED EXHAUST FAN - C120-BOILER ROOM	1116	1/2	-	-	-	-	120	1	-	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	-
GEF-3	GENERAL ROOF MOUNTED EXHAUST FAN - C120-BOILER ROOM	1920	1	-	-	-	-	120	1	-	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	-
AC-1/CU-1	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	3328	-	16	-	-	20	208	1	-	-	20A/1P	3 112 4 1 112 GRD	3/4'	X	-	-	-
GEF-A1	BACKWARD INCLINED UTILITY SET EXHAUST FAN	8512	2	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B1	BACKWARD INCLINED UTILITY SET EXHAUST FAN	-	1/4	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B2	BACKWARD INCLINED UTILITY SET EXHAUST FAN	168	2	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B3	BACKWARD INCLINED UTILITY SET EXHAUST FAN	528	2	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B4	BACKWARD INCLINED UTILITY SET EXHAUST FAN	8512	2	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B5	BACKWARD INCLINED UTILITY SET EXHAUST FAN	-	1	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B6	BACKWARD INCLINED UTILITY SET EXHAUST FAN	168	3/4	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B7	BACKWARD INCLINED UTILITY SET EXHAUST FAN	528	3/4	-	-	-	-	480	3	-	-	20A/3P	4 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B8	BACKWARD INCLINED UTILITY SET EXHAUST FAN	1116	1/4	-	-	-	-	120	1	-	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B9	BACKWARD INCLINED UTILITY SET EXHAUST FAN	1920	1/4	-	-	-	-	120	1	-	-	20A/1P	2 112 4 1 112 GRD	3/4'	X	-	-	UTILIZE EXISTING CIRCUIT
GEF-B10	BACKWARD INCLINED UTILITY SET EXHAUST FAN	3																

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24-40-LU-G-EDI-U DAY-BRITE *FXGX40L840-4-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	-
AA1		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24-40-ML-G-EDI-U DAY-BRITE *FXGX48L840-4-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	-
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-GZI-LP840 COLUMBIA *LCAT24-40-VL-G-EDI-U DAY-BRITE *FXGX60L840-4-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	-
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-48L-ADP-GZI-LP840 COLUMBIA *LCAT22-40-VL-G-EDI-U DAY-BRITE *FXGX48L840-2-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 44 W MIN 4800 LM	RECESSED LAY-IN	-
AB1		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-40L-ADP-GZI-LP840 COLUMBIA *LCAT22-40-HL-G-EDI-U DAY-BRITE *FXGX40L840-2-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	-
AB2		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-48L-ADP-GZI-LP840 COLUMBIA *LCAT22-40-HL-G-EDI-U DAY-BRITE *FXGX48L840-2-RS-UNV-DIM	MY VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	-
CA		6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA *DN6-40-B-L06-AR-L86-MVOLT -GZIO-XX PRESCOLITE *LTR-8L5L-DM1 / *LTR-6RD-2-L40-08RD LIGHTOLIER *6RN / *Z6RD1B840WCCDZ10U	MY VOLT 0-10V DIM -	LED 4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
FA		LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEG. EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OPTIC ARTS *LL12-HO-48K-X-XX-X-X *GRAN-601-45-DIM-20K7 VEVE-PR ACOLITE *ED-30-SUB565-5040 PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	MY VOLT MLV DIM -	LED 4000K MAX 45W/FT MIN 440 LM/FT	SURFACE	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
FA1		LED 4' WIDE CONTINUOUS LINEAR SLOT FIXTURE	MARK *SL4L-L0P-X-FLP-X-20CRI-40K-800L/F MINI-MVOLT NULTE *R84-09-140-UNV-D-X-X-FRF-XX- FINELITE *P4-R-D-X-V-840-F-36LG-UNV -SC-FC-10-X-FE-X	120/271 VOLT 0-10V DIM -	LED 4000 K MIN 800L/FT MAX BUFT	RECESSED LAY-IN/ DRYWALL	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -COORDINATE EMERGENCY CIRCUITS AND SWITCHING WITH PLANS
PA		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-1000LM-8EF-FDL-IVOLT -GZIO-40K-20CRI-XX-XX- COLUMBIA *IP84-40XL-FUJ-EDI-U-IPW8G4 DAY-BRITE *F58-10L840-UNV-DIM-F58G54	MY VOLT 0-10V DIM -	LED 4000K CRI 85 MIN 1000 LM	"Y" CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING
XA		SINGLE FACE EXIT, AC ONLY	LITHONIA *LE-5-X-1-R-X DUAL-LITE *8E-8-R-X CHLORIDE *58L-3-X-R	120 VOLT - -	LED MAX 3W -	CEILING/ WALL -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROUS AS REQUIRED
XB		DUAL FACE EXIT AC ONLY	LITHONIA *LE-5-X-2-R-X DUAL-LITE *8E-D-X-R CHLORIDE *58L-3-X-R	120 VOLT - -	LED MAX 3W -	CEILING/ WALL -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROUS AS REQUIRED
XC		SINGLE FACE EXIT, AC ONLY, BLACK FINISH	LITHONIA *LE-5-X-1-R-X DUAL-LITE *8E-8-R-X CHLORIDE *58L-3-X-R	120 VOLT - -	LED MAX 3W -	CEILING/ WALL -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROUS AS REQUIRED
EM		FIXTURE ON EMERGENCY LIFE SAFETY GENERATOR CIRCUIT WITH UL524 BYPASSES AS REQUIRED	-	MY VOLT -	-	IN FIXTURE/ REMOTE	-
NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					

TAG	DESCRIPTION	LOAD WATTS	HP	MOCB	VOLT	PHASE	PANEL	O.K.T. NO.	FUSED SWITCH C/B	FEEDER		STARTED BY:		LOCATION	REMARKS
										CABLE	C	MC.	EC.		
CP-1	CHILLER PUMP	3986	3	-	480	3	-	-	20A/3P	4 #2 4 1 #2 GRD	3/4"	-	-	-	-
CWP-1	CHILLED WATER DISTRIBUTION PUMP	6311	5	-	480	3	-	-	20A/3P	4 #2 4 1 #2 GRD	3/4"	-	-	-	-
CWP-2	CHILLED WATER DISTRIBUTION PUMP	6311	5	-	480	3	-	-	20A/3P	4 #2 4 1 #2 GRD	3/4"	-	-	-	-

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, REEFS, SINGLE AND DUAL, CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
4. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLE SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT WITH A 1.5 DUST FACTOR. MINIMUM POLE SIZE TO BE 9" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
5. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
12. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
13. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
14. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVISION PERIOD IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
15. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
16. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.327.6955), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1193).
17. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.





GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT

JACKSON ELEMENTARY SCHOOL - RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

NEW PANEL PP-A																
TOTAL KW: 37.6		ENCLOSURE:		PHASE: 3Ø		VOLTAGE: 120 / 208										
MOUNTING:		BUSBNG:		FAULT CURRENT RATING: 22000 AIC		MLO		225								
FEEDER: 4 #4/Ø #1 #4 GRD. - 2 1/2".				LOCATION:												
LOAD DESCRIPTION	C/B					LOAD				C/B		LOAD DESCRIPTION				
	TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE		TRIP	POLE		
TEACHER STATION A-121	20	1	1200			1	2	1200			20	1	TEACHER STATION A-116			
RECS # PROJ. - A-121	20	1		1000		3	4		1000		20	1	RECS # PROJ. - A-116			
RECS - A-121	20	1			1200	5	6			1200	20	1	RECS - A-116			
TV / FLR BOX - A-122	20	1	1200			7	8	1200			20	1	TEACHER STATION A-101			
RECS - A-122	20	1		800		9	10		1000		20	1	RECS # PROJ. - A-101			
RECS - A-105	20	1			400	11	12			1200	20	1	RECS - A-101			
RECS - A-105	20	1	400			13	14	1200			20	1	TEACHER STATION A-106			
CORR REC3	20	1		800		15	16		1000		20	1	RECS # PROJ. - A-106			
EUC CORR	20	1			6000	17	18			1000	20	1	RECS - A-106			
EUC CORR	20	1	600			19	20	1200			20	1	TEACHER STATION A-104			
TEACHER STATION A-123	20	1		1200		21	22		1000		20	1	RECS # PROJ. - A-104			
RECS # PROJ. - A-123	20	1			1000	23	24			1000	20	1	RECS - A-104			
REC - A-123	20	1	1200			25	26	1200			20	1	TEACHER STATION A-109			
TEACHER STATION A-112	20	1		1200		27	28		1000		20	1	RECS # PROJ. - A-109			
RECS # PROJ. - A-112	20	1			1000	29	30			1200	20	1	RECS - A-109			
RECS - A-112	20	1	1000			31	32		800		-	1	REC - COPIER A-105			
SPACE	-	1				33	34				-	1	SPACE			
SPACE	-	1				35	36				-	1	SPACE			
SPACE	-	1				37	38				-	1	SPACE			
SPACE	-	1				39	40				-	1	SPACE			
SPACE	-	1				41	42				-	1	SPACE			
SPACE	-	1				43	44				-	1	SPACE			
SPACE	-	1				45	46				-	1	SPACE			
SPACE	-	1				47	48				-	1	SPACE			
SPACE	-	1				49	50				-	1	SPACE			
SPACE	-	1				51	52				-	1	SPACE			
SPACE	-	1				53	54				-	1	SPACE			
SPACE	-	1				55	56				-	1	SPACE			
SPACE	-	1				57	58				-	1	SPACE			
SPACE	-	1				59	60				-	1	SPACE			
			5600	5000	3600				6800	5000	3600					
A= 12,400 B= 10,000 C= 15,200 TOTAL= 37,600																
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION																

NEW PANEL PP-B1																						
TOTAL KW: 47.0		ENCLOSURE:			PHASE: 3Ø			VOLTAGE: 120 / 208														
MOUNTING:		BUSBNG:			FAULT CURRENT RATING: 22000 AIC			MLO			225											
FEEDER: 4 #4/Ø #1 #4 GRD. - 2 1/2" C.					LOCATION:																	
LOAD DESCRIPTION	C/B		LOAD			LOAD			C/B		C/B		LOAD DESCRIPTION									
	TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE		TRIP	POLE								
RECS - B-142 / CORR	20	1	800			1	2	1200					20	1	TEACHER STATION B-166							
RECS - B-153 / B-155	20	1		1400		3	4	1000					20	1	RECS # PROJ. B-166							
RECS - B-150	20	1			600	5	6		1200				20	1	RECS - B-125							
RECS - B-150	20	1	1200			7	8	1200					20	1	TEACHER STATION B-161							
COPIER	20	1		1200		9	10		1000				20	1	RECS # PROJ. B-161							
			2			11	12		1200				20	1	RECS - B-161							
TV # FLOOR BOX B-163	20	1	1200			13	14	1200					20	1	TEACHER STATION B-165							
RECS - B-163 / B-151	20	1		1000		15	16		1000				20	1	RECS # PROJ. B-165							
RECS - B-168 / B-169	20	1			1000	17	18		1200				20	1	RECS - B-165 / B-162							
TEACHER STATION B-148	20	1	1200			19	20	1200					20	1	TEACHER STATION B-141							
RECS # PROJ. B-148	20	1		1000		21	22		1000				20	1	RECS # PROJ. B-141							
RECS - B-148	20	1			1200	23	24		1200				20	1	RECS - B-141							
TEACHER STATION B-146	20	1	1200			25	26	1200					20	1	TEACHER STATION B-115							
RECS # PROJ. B-146	20	1		1000		27	28		1000				20	1	RECS # PROJ. B-115							
RECS - B-146	20	1			1200	29	30		1200				20	1	RECS - B-115							
HAND DRYERS	20	1	1500			31	32	1200					20	1	TEACHER STATION B-114							
HAND DRYERS	20	1		1500		33	34		1000				20	1	RECS # PROJ. B-114							
RECS - B-144	20	1			600	35	36						20	1	REC - B-114							
RECS - B-144	20	1	600			37	38		800				20	1	REC - HAND DRYER B-119							
RECS - B-144	20	1		1200		39	40		400				20	1	REC - B-119 # B-119B							
REFRIG - B-144	20	1			600	41	42		800				20	1	REC - HAND DRYER B-119B							
RECS - B-104	20	1	1200			43	44						20	1	SPACE							
RECS - B-116	20	1		1000		45	46						-	1	SPACE							
SPACE	-	1				47	48						-	1	SPACE							
SPACE	-	1				49	50						-	1	SPACE							
SPACE	-	1				51	52						-	1	SPACE							
SPACE	-	1				53	54						-	1	SPACE							
SPACE	-	1				55	56						-	1	SPACE							
SPACE	-	1				57	58						-	1	SPACE							
SPACE	-	1				59	60						-	1	SPACE							
			8500	9500	6400				8000	6400	8000											
										A= 16,300 B= 15,100 C= 14,400 TOTAL= 47,800												
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION																						

NEW PANEL PP-B2																	
TOTAL KW: 58.6		ENCLOSURE:				PHASE: 3Ø				VOLTAGE: 120 / 208							
MOUNTING:		BUSBNG:				FAULT CURRENT RATING: 22000 AIC				MLO		225					
FEEDER: 4 #4/Ø 1 #4 GRD. - 2 1/2" C.						LOCATION:											
LOAD DESCRIPTION	C/B		LOAD			LOAD			C/B		C/B		LOAD DESCRIPTION				
	TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE		TRIP	POLE			
PRINCIPAL - B-108	20	1	1200			1	2	600					20	1	RECS - B-110		
FLR BOX # TV	20	1		1200		3	4		800				20	1	RECS - B-110		
CONF RM - B-113	20	1			800	5	6		1000				20	1	CORR REC3		
SGI - B-106	20	1	1200			7	8	1000					20	1	RECS - B-109		
EUC	20	1		600		9	10		1200				20	1	RECS - B-103		
EUC	20	1			600	11	12		1200				20	1	RECS - B-103		
HAND DRYER	20	1	1500			13	14	1200					20	1	TEACHER STATIONS B-129		
HAND DRYER	20	1		1500		15	16		1000				20	1	RECS # PROJ. B-129		
RECS REST ROOM / CORRS.	20	1			1500	17	18		1200				20	1	RECS - B-129		
RECS - B-111	20	1	800			19	20	600					20	1	TEACHER STATION B-126		
REFRIG - B-111	20	1		800		21	22		1000				20	1	RECS # PROJ. - B-126		
RECS - B-111	20	1			800	23	24		1200				20	1	RECS - B-126		
RECS - B-111	20	1	800			25	26	1200					20	1	TEACHER STATION B-123A		
TEACHER STATION B-132	20	1		1200		27	28		1000				20	1	RECS # PROJ. B-123A		
RECS # PROJ. - B-132	20	1			1000	29	30		1200				20	1	RECS - B-123A		
RECS - B-132	20	1	1200			31	32	600					20	1	TEACHER STATION B-123B		
TEACHER STATION B-140	20	1		600		33	34		1000				20	1	RECS # PROJ. B-123B		
RECS # PROJ. - B-140	20	1			1000	35	36		1200				20	1	RECS - B-123B		
RECS - B-140	20	1	1000			37	38	1200					20	1	RECS - B-133		
RECS - B-140	20	1		1200		39	40		1200				20	1	RECS B-133		
RECS - B-140	20	1			800	41	42			1200			20	1	RECS B-133		
HAND DRYER	20	1	1500			43	44						30		IDF		
HAND DRYER	20	1		1500		45	46		1200				30	2			
RECS - B-133	20	1		1200		47	48		1200				30		IDF		
CORR. REC3	20	1	800			49	50	1200					2				
HAND DRYER	20	1		1500		51	52		400				-	1	REC - B-126 B-129		
HAND DRYER	20	1			1500	53	54						-	1	SPACE		
HAND DRYER	20	1				55	56						-	1	SPACE		
HAND DRYER	20	1	1500			57	58						-	1	SPACE		
REC - B124B-B124B	20	1			800	59	60						-	1	SPACE		
SPACE	-	1				59	60						-	1	SPACE		
			8000	9200		8800 8800 9400											
NOTE: REFER TO GENERAL NOTE 'B'																	
FOR ADDITIONAL INFORMATION																	
														A = 20300			
														B = 19100			
														C = 18600			
														TOTAL = 58600			