ADDENDUM
NO. 5

May 24, 2022

LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS
Chesterton, 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 April 25, 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 Pages ADD 5-1 through ADD 5-2 and attached Addendum No. 5 from Gibraltar Design dated May 23, 2022 and consisting of 3 pages and 21 drawings.

A. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. BID CATEGORY NO. 2 – MASONRY

a. **Add:**

Section 07 21 13 Board Insulation (As Applicable)

b. **Add:**

Section 07 27 31 Air Infiltration Barrier (As Applicable)

c. **Add:**

Clarification No. 5:

Regarding Specification Section 07 21 13 – Board Insulation: The **Bid Category No. 2 Contractor** shall provide all Board Insulation at perimeter foundations walls in masonry cavity. The **Bid Category No. 3 Contractor** shall provide all other insulation in this specification.

2. **BID CATEGORY NO. 3 – ROOFING**

a. **Add:**

Clarification No. 8:

Regarding Specification Section 07 21 13 – Board Insulation: The **Bid Category No. 2 Contractor** shall provide all Board Insulation at perimeter foundations walls in masonry cavity. The **Bid Category No. 3 Contractor** shall provide all other insulation in this specification.

3. **BID CATEGORY NO. 5 – METAL STUDS/DRYWALL**

a. **Delete:**

Section 07 27 31 Air Infiltration Barrier (As Applicable)

ADDENDUM FIVE

Addendum Five (AD.05) to the drawings and specifications prepared by Gibraltar Design for **Liberty Intermediate School Additions and 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, Addendum Two, Addendum Three, Addendum Four and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 23 73 00 Interior Central Station Air Handling Units**
   A. Paragraph 2.01, Add Johnson Controls to list of Acceptable Manufacturers.

DRAWINGS

2. **Sheet S-105**
   A. Refer to revised full-size drawing included in this Addendum, for revisions.
3. **Sheet S-402**
   A. Refer to revised full-size drawing included in this Addendum, for revisions.
4. **Sheets AD101, AD105, AD106**
   A. Refer to Three (3) revised full-size drawings included in this Addendum, for revisions.
5. **Sheets A-102, A-105**
   A. Refer to Two (2) revised full-size drawings included in this Addendum, for revisions.
6. **Sheets A-408**
   A. Refer to revised full-size drawing included in this Addendum, for revisions.
7. **Sheets A-740**
   A. Refer to revised full-size drawing included in this Addendum, for revisions.
      1. Change within Science Casework Schedule; Addition of Sink cabinet S4 includes hot and cold faucet. See schedule and elevations 65, 71 and 74.
8. **Sheets A-802, A-803, A-804**
   A. Refer to Three (3) revised full-size drawings included in this Addendum, for revisions.
9. **Sheet MP104**
   A. Refer to revised full-size drawing, included in this Addendum, for the following revisions.
      1. Added pressure regulator to gas piping to fume hood in science room.

10. Sheet MP105

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

1. Added gas piping to kitchen make-up air unit.

11. Sheet M-305

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

1. Added gas piping to make-up air unit.

12. Sheet M-501

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

1. Added UH-1 to mechanical equipment schedule.

13. Sheet M-502

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

1. Added schedule remarks for UH-1.
2. Updated make-up air unit in as connection schedule.

14. Sheet M-602

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

1. Added 3-way chilled water diagram for unit ventilators.
2. Added 2-way chilled water diagram for unit ventilators.
3. Added note to include unit ventilators and fan coils on 2-way hot water coil piping diagram.
4. Added note to include unit ventilators on 3-way hot water coil piping diagrams.

15. Sheet P-203

A. Omit domestic hot water supply to lab sinks, LS-1, in Science Lab C-108, C-110, C-113, and C-115.

B. Where applicable, omit domestic hot water return lines to lab sinks, LS-1 in Science Lab C-108, C-110, C-113, C-115.

C. On lab sinks, LS-1 that have had domestic hot water services removed, omit reference to thermostatic mixing valves TW-1.

D. Maintain domestic hot water supplies (and returns) to all emergency showers, EMSH-1 and lab sinks in Storage C-109 and C-114.

16. Sheet P-204

A. Omit domestic hot water supply to lab sinks, LS-1, in Science Lab D-113, D-115, D-120 and D-122.

B. Where applicable, omit domestic hot water return lines to lab sinks, LS-1 in Science Lab D-113, D-115, D-120, and D-122.

C. On lab sinks, LS-1 that have had domestic hot water services removed, omit reference to thermostatic mixing valves TW-1.

D. Maintain domestic hot water supplies (and returns) to all emergency showers, EMSH-1 and lab sinks in Storage C-109 and C-114.

17. Sheet E-002

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

1. Clarify note regarding temporary transformer pad.

18. Sheet EP-102

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

1. Revise location of MDF associated receptacles and panels to B-139.
2. Revise devices in Book Storage B-131.

19. Sheet TS-100

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

1. Added Plan notes 1 and 2 that clarify the scope of work is just the pathways and that the Owner is responsible for relocating the existing aerial fiber.

20. Sheet T-641

A. Remove the Drawing from the Bid set.

21. Sheet T-651

A. Remove the Drawing from the Bid set.

Page 1 through 3, inclusive, and Twenty-One (21) Full-Size Drawings, constitute the total makeup of **Addendum Five**.

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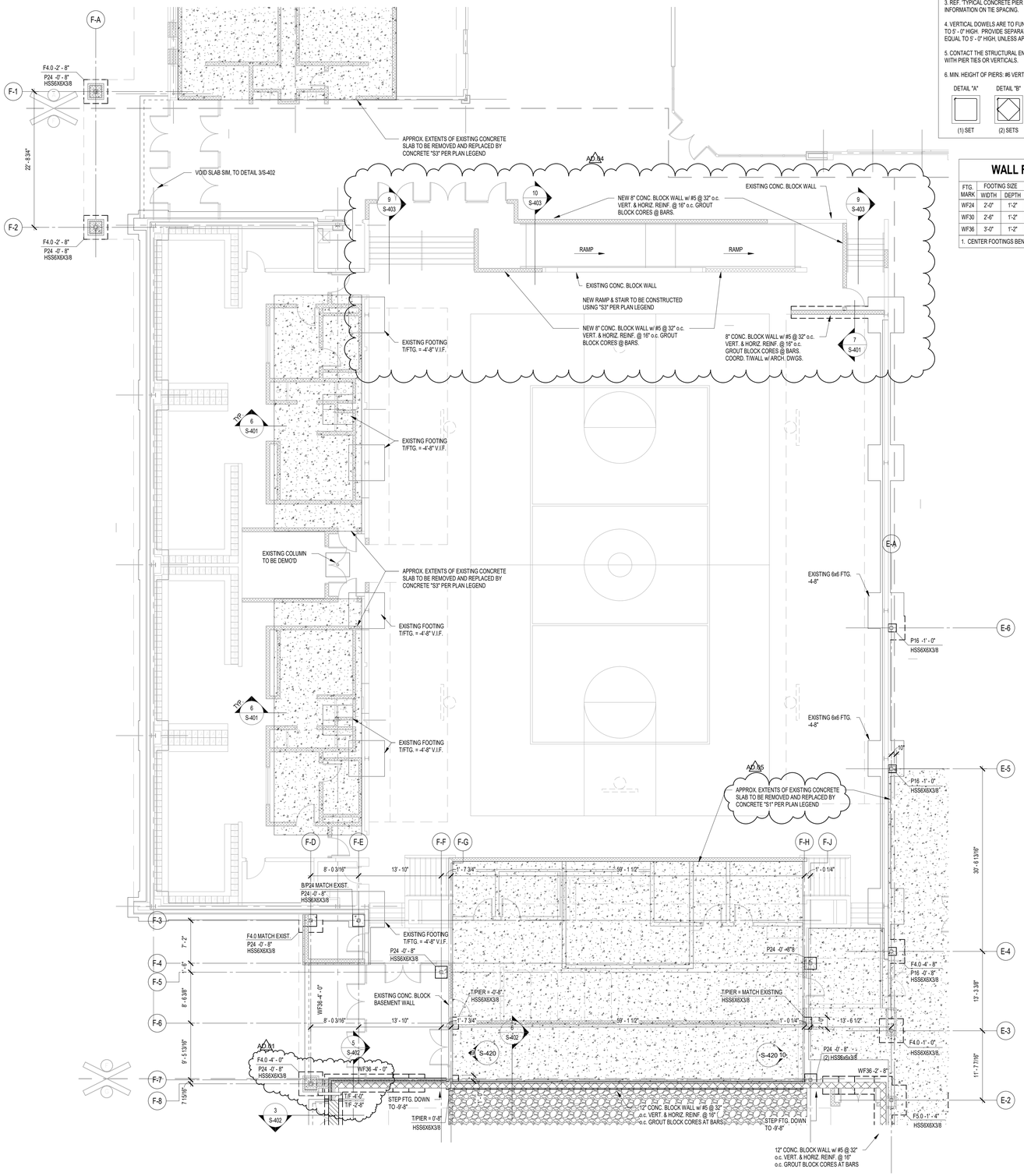


1 FOUNDATION PLAN - UNIT F
1/8" = 1'-0"

CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE		PIER REINFORCING			
			VERTICALS	TIES-SIZE & SPA.[1]	DETAIL	CRITICAL HEIGHT
P16	1' - 4"	1' - 4"	(4) #6	#4 @ 10" O.C.	A	N.A.
P24	2' - 0"	2' - 0"	(8) #6	#4 @ 12" O.C.	B	≤ 2' - 8"
			(4) #8	#4 @ 12" O.C.	A	> 2' - 8"

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.

2. 'CRITICAL HEIGHT' DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLAN(S) FOR TOP OF PIER & FOOTING ELEV'S.

3. REF. 'TYPICAL CONCRETE PIER REINFORCING' ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.

4. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5' - 0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5' - 0" HIGH, UNLESS APPROVED.

5. CONTACT THE STRUCTURAL ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.

6. MIN. HEIGHT OF PIERS: #6 VERTICALS = 2' - 0", #7 VERTICALS = 2' - 8".

DETAIL "A" (1) SET — DETAIL "B" (2) SETS — ALT. DETAIL "B" (3) SETS

WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-2"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" REF. CIVIL DWGS.

5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

6. REF. S400 & S401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-400.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S400.

12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.

13. PROVIDE CONTINUOUS 4" H. x W. VARIES CONCRETE CURB ON ACOUSTIC ISOLATION SLABS IN MECHANICAL ROOMS. CURBS TO SURROUND ALL PENETRATIONS THRU SLAB INCLUDING COLUMNS, PIPES, SUMP PITS, ETC.

14. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

15. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE DETAILS ON S401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

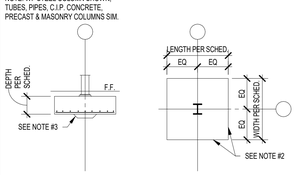
16. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-400). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

17. WHERE PIERS OCCUR WITHIN A LARGER ARCH. PILASTER OR COLUMN ENCLOSURE (FOR EG. P24's WITHIN 40" SQUARE CANOPY PILASTERS) PROVIDE PIER REINF. CAGE CENTERED ON THE GRID INTERSECTION. FORM OVERALL PIER TO PROFILE OF THE ARCHITECTURAL PILASTER OR COLUMN ENCLOSURE. LAYOUT PILASTERS FROM DIMENSIONS ON THE ARCHITECTURAL PLANS & DETAILS.

18. AT ALL LOCATIONS WHERE NEW FOOTINGS ARE TO BE INSTALLED IN EXISTING SPACES REMOVED EXISTING CONCRETE SLABS AND OR FOUNDATION WALLS / WALL FOOTINGS AS REQUIRED. NEW SLABS TO BE DOWELED TO EXISTING PER DETAIL 6/S-401.

19. PLAN LEGEND:

F.F.	DENOTES FINISH FLOOR
T/'X'	DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 -20'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
S1	DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES INTERNAL CURE ADMIXTURE@ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53. STONE OR APPROVED EQUIVALENT). T/CONC. = 0'-0"
S2	DENOTES NEW 6" CONC. SLAB w/ 6x6 W2.9 x W2.9 W.W.F. & ES INTERNAL CURE ADMIXTURE@ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53. STONE OR APPROVED EQUIVALENT). T/CONC. = 0'-0"
S3	DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) OVER 15-MIL VAPOR BARRIER T/CONC. = MATCH EXISTING
SE	DENOTES EXISTING SLAB ON GRADE
	DENOTES PIPE PENETRATION THROUGH FOUNDATION WALL. COORDINATE EXACT LOCATION & INVERT ELEVATION w/ APPROPRIATE TRADE. LOWER BOTTOM OF FOOTING & PROVIDE SLEEVE THROUGH FOUNDATION WALL PER TYPICAL DETAIL ON S400.
T/F -3'-0" T/F -4'-0"	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S400



COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE			REINFORCING (EACH WAY)
	WIDTH	LENGTH	DEPTH	
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F6.0	6'-0"	6'-0"	1'-2"	(7) #5 x 5'-6"
F9.0	9'-0"	9'-0"	1'-10"	(8) #7 x 8'-6"
F10.0	10'-0"	10'-0"	2'-0"	(9) #7 x 9'-6"
F11.0	11'-0"	11'-0"	2'-2"	(11) #7 x 10'-6"

NOTES:

1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS

NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.

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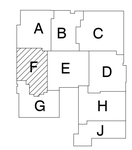
PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 4-25-2022
COORDINATED BY JMS
DRAWN BY JMS
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-0.1	5/5/2022	ADDENDUM #1
AD-0.4	5/18/2022	ADDENDUM #4
AD-0.5	5/23/2022	ADDENDUM #5

DRAWING
FOUNDATION PLAN - UNIT F

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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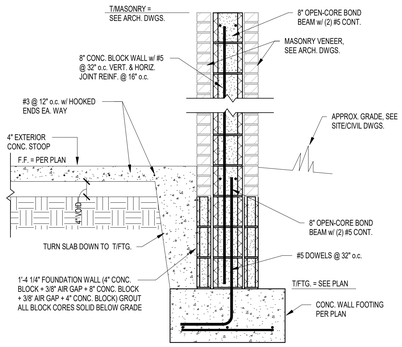
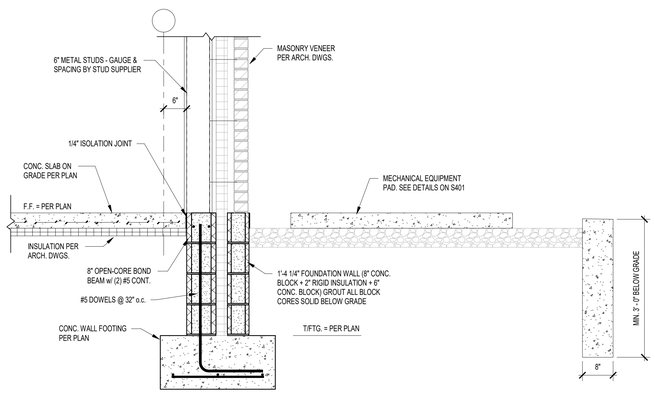
SHEET S-105



14 FOUNDATION SECTION
3/4" = 1'-0"



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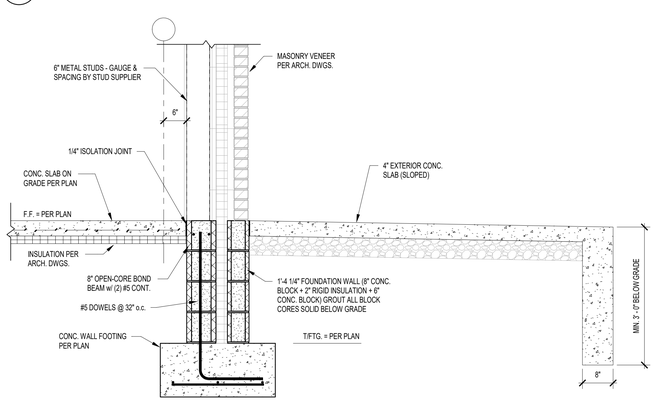

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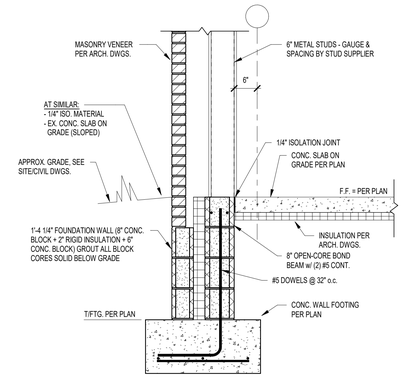

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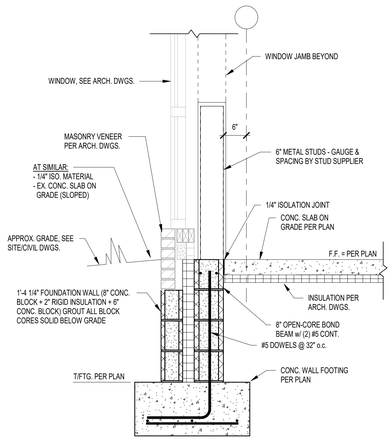

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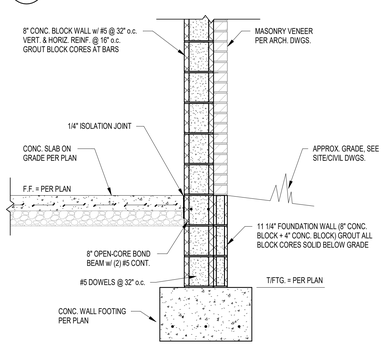

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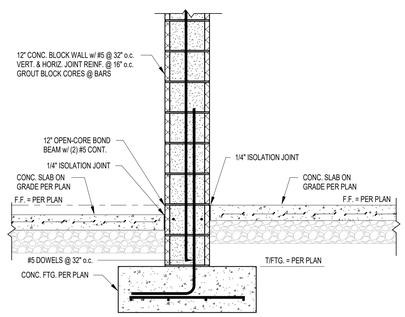

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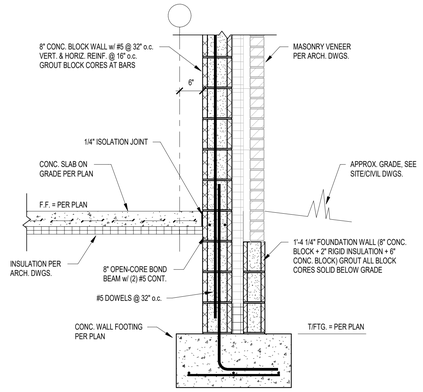

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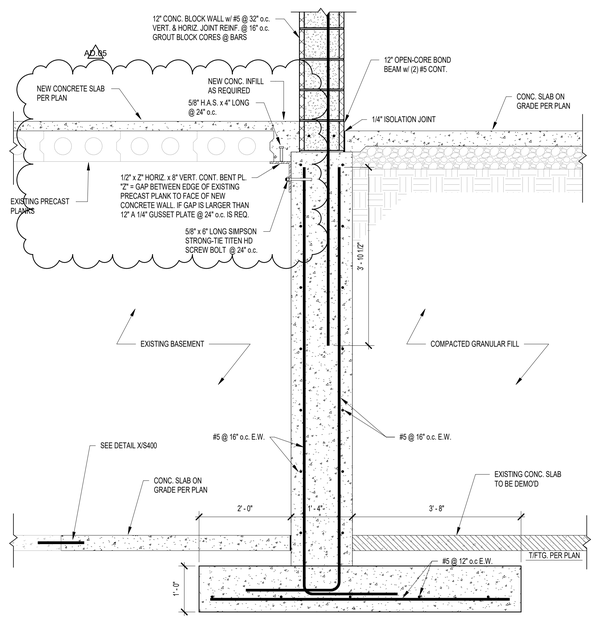

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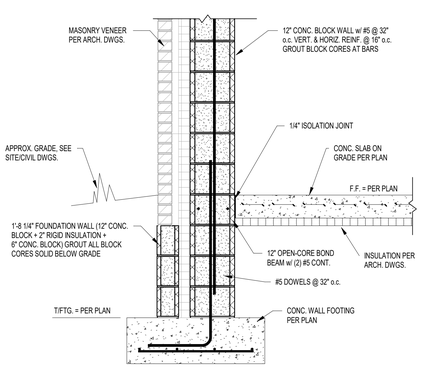
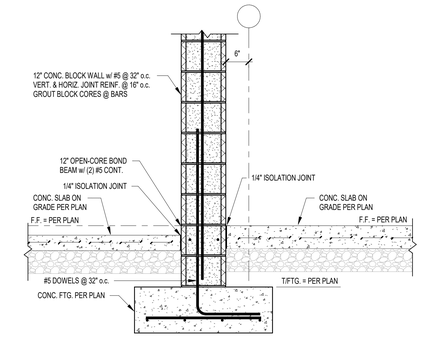


5 FOUNDATION SECTION
3/4" = 1'-0"



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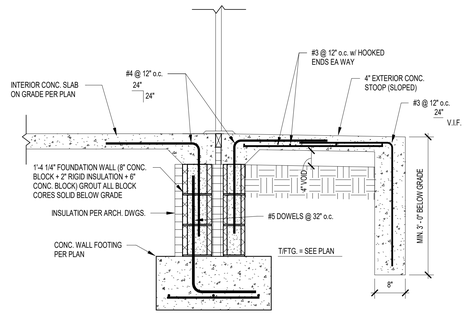

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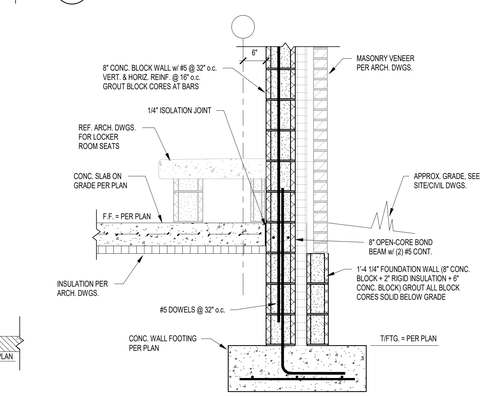
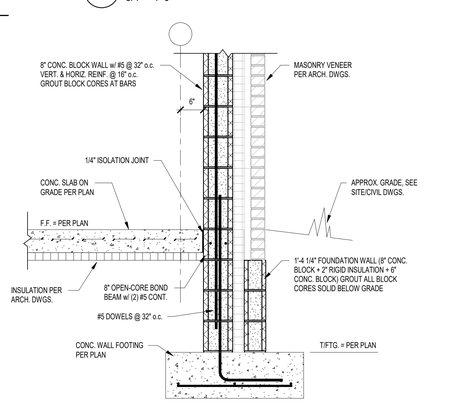


2 FOUNDATION SECTION
3/4" = 1'-0"



1 FOUNDATION SECTION
3/4" = 1'-0"

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CHESTERTON, INDIANA

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PROJECT
21-139
DATE
4-25-2022
COORDINATED BY
JMS
DRAWN BY
JMS
CHECKED BY
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SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
	5/23/2022	ADDENDUM #5

DRAWING
FOUNDATION DETAILS & SECTIONS

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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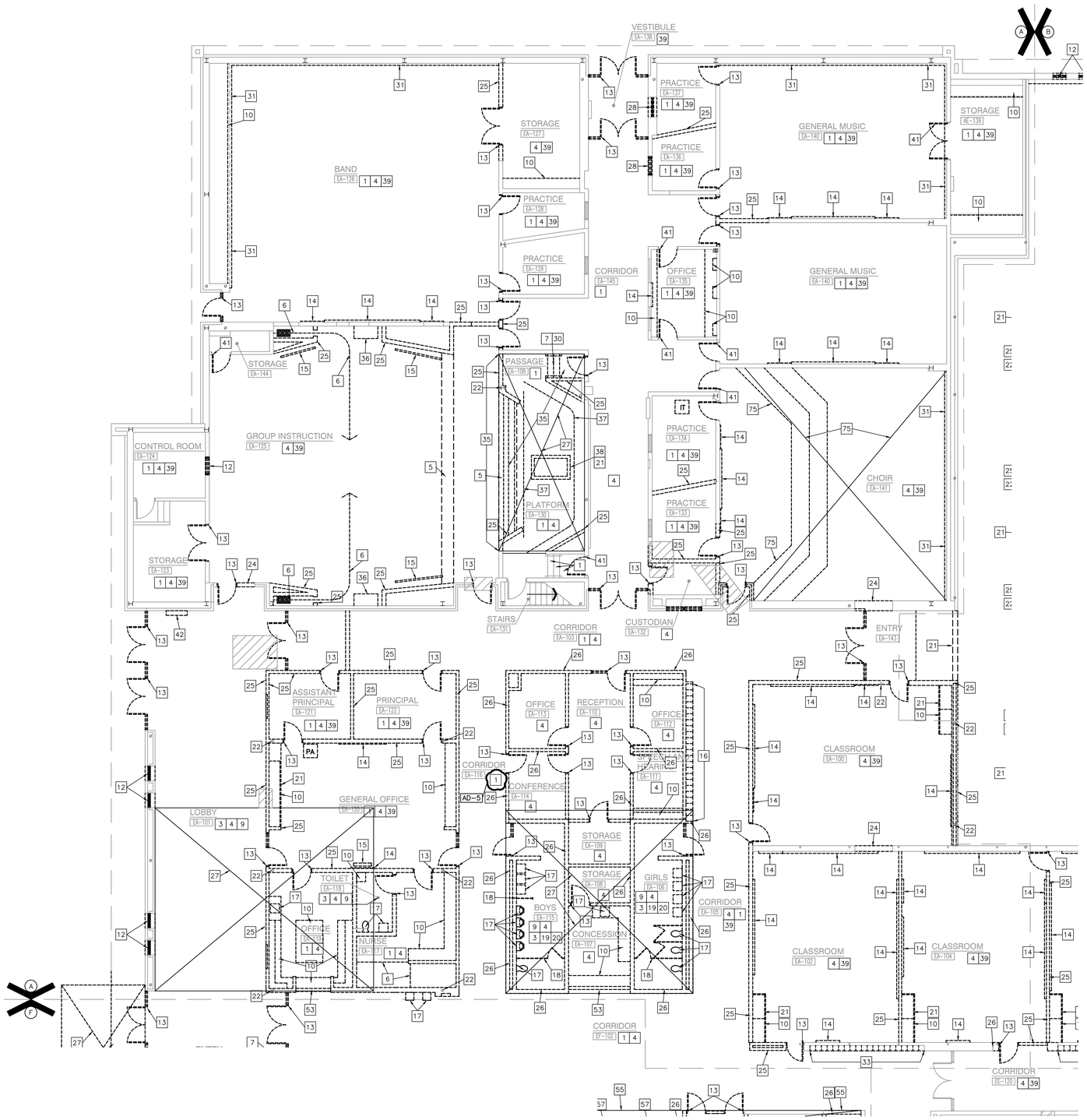
SHEET
S-402



UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

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. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED 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. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED 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 AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED 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 REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

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. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

T. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED 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 EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.
2. REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.
3. REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.
4. REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
5. REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY
6. REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING
7. REMOVE EXISTING DIVIDER/HAND RAIL.
8. REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.
10. REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
11. REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.
12. REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM.
13. REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY.
14. REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP WALL FOR NEW FINISHES.
15. REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY.
16. REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH
17. 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.
18. REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.
19. REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
20. REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
21. REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
22. EXISTING STEEL COLUMN TO REMAIN.
23. REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.
24. REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.
25. REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
26. REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
27. REMOVE CONCRETE SLAB IN ITS ENTIRETY.
28. REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY.
29. REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.
30. REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES.
31. REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.
32. REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING FRAMING.
33. REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.
34. REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION.
35. REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.
36. REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES.
37. REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY.
38. REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND FRAMING IN ITS ENTIRETY.
39. REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.
40. REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE EXISTING FINISH AND WALL BASE.
41. REMOVE EXISTING DOOR(S). FRAME TO REMAIN.
42. REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.
43. REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES.
44. REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISHES.
45. REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.
46. REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.
47. REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.
48. REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.
49. REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION.
50. DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS.
51. REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS.
52. REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.
53. REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE EQUIPMENT.
54. REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO STRUCTURAL DRAWINGS.
55. REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8" BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION.
56. REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES.
57. REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION.
58. REMOVE EXISTING WHEEL CHAIR LIFT.
59. REMOVE EXISTING LOUVER
60. REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW FINISH.
61. REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
62. REMOVE EXISTING WOOD TRIM
63. REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.
64. REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR.
65. REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING
66. REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. EXISTING LOCKER LOCKER BENCH TO REMAIN.
67. REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO REMAIN.
68. EXISTING BULKHEAD TO REMAIN.
69. REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.
70. REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE
71. REMOVE METAL ENCLOSURE IN ITS ENTIRETY
72. REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY. PREP FOR NEW FINISHES.
73. REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.
74. REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.
75. REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB.

DEMOLITION LEGEND

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

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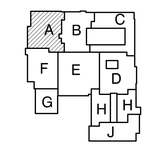
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DWJ
DRAWN BY DND
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4
AD-5	5/23/22	ADDENDUM NO.5

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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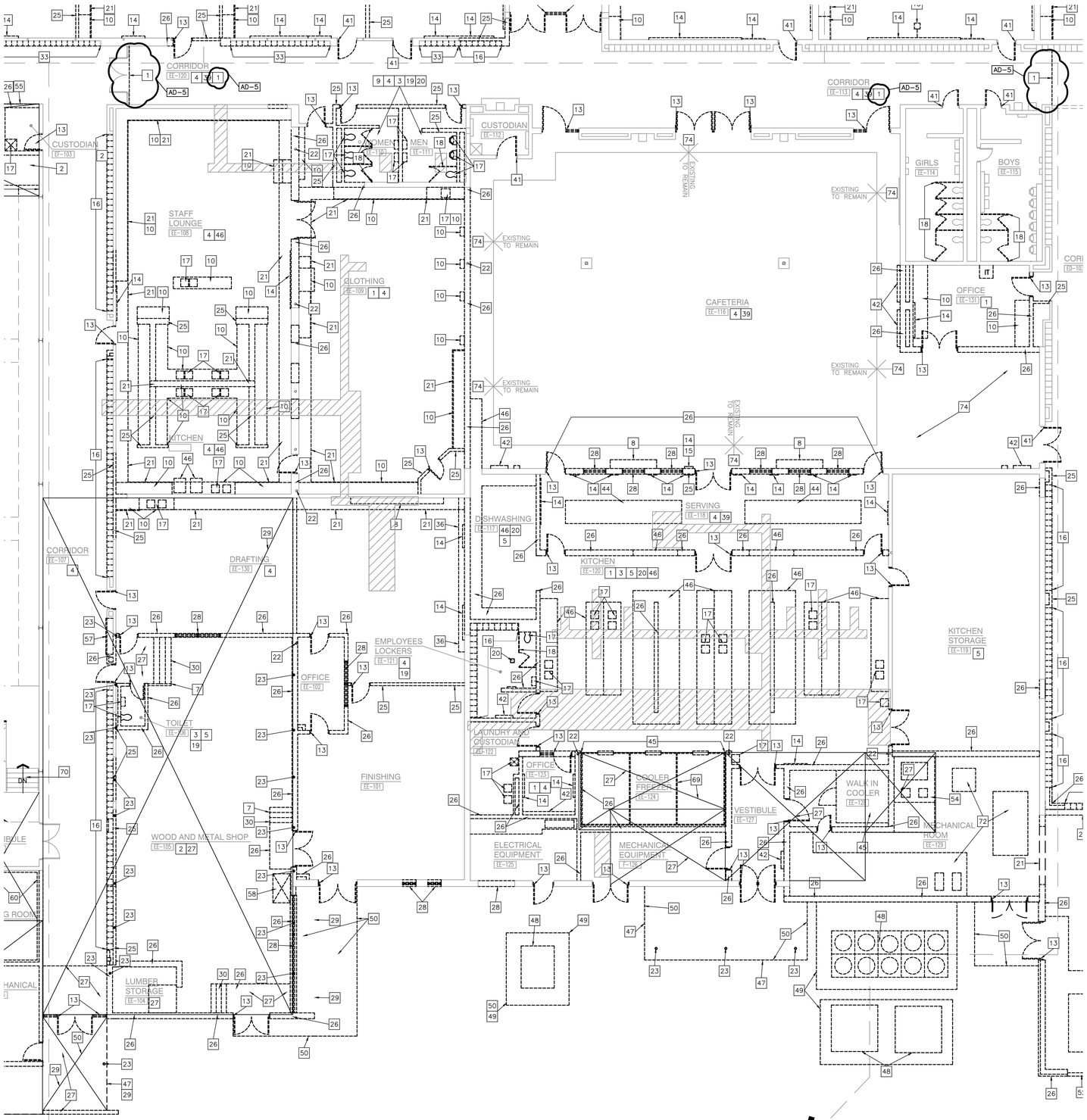
SHEET
A AD101

Friday, 5/20/2022 - 10:25 AM - LAST SAVED BY:KTIMMONS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\AD101.DWG



UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

39 REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.

40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE EXISTING FINISH AND WALL BASE.

41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN.

42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

43 REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES.

44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

46 REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.

47 REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION.

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS.

51 REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS.

52 REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.

53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE EQUIPMENT.

54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO STRUCTURAL DRAWINGS.

55 REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8" BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION.

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69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.

70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE

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H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED 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. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED 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 AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED 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 REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

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. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

T. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED 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 EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

2 REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.

3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.

4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.

5 REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY

6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING

7 REMOVE EXISTING DIVIDER/HAND RAIL.

8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.

10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.

12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM.

13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY.

14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP WALL FOR NEW FINISHES.

15 REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY.

16 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH

17 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.

18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.

20 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

21 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.

22 EXISTING STEEL COLUMN TO REMAIN.

23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.

24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.

25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.

27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.

28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY.

29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES.

31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.

32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING FRAMING.

33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION.

35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.

36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES.

37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY.

38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND FRAMING IN ITS ENTIRETY.

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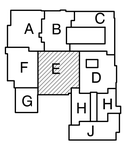
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DWJ
DRAWN BY DND
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4
AD-5	5/23/22	ADDENDUM NO.5

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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SHEET
E
AD105

Friday, 5/20/2022 - 10:45 AM - LAST SAVED BY:KTIMMONS
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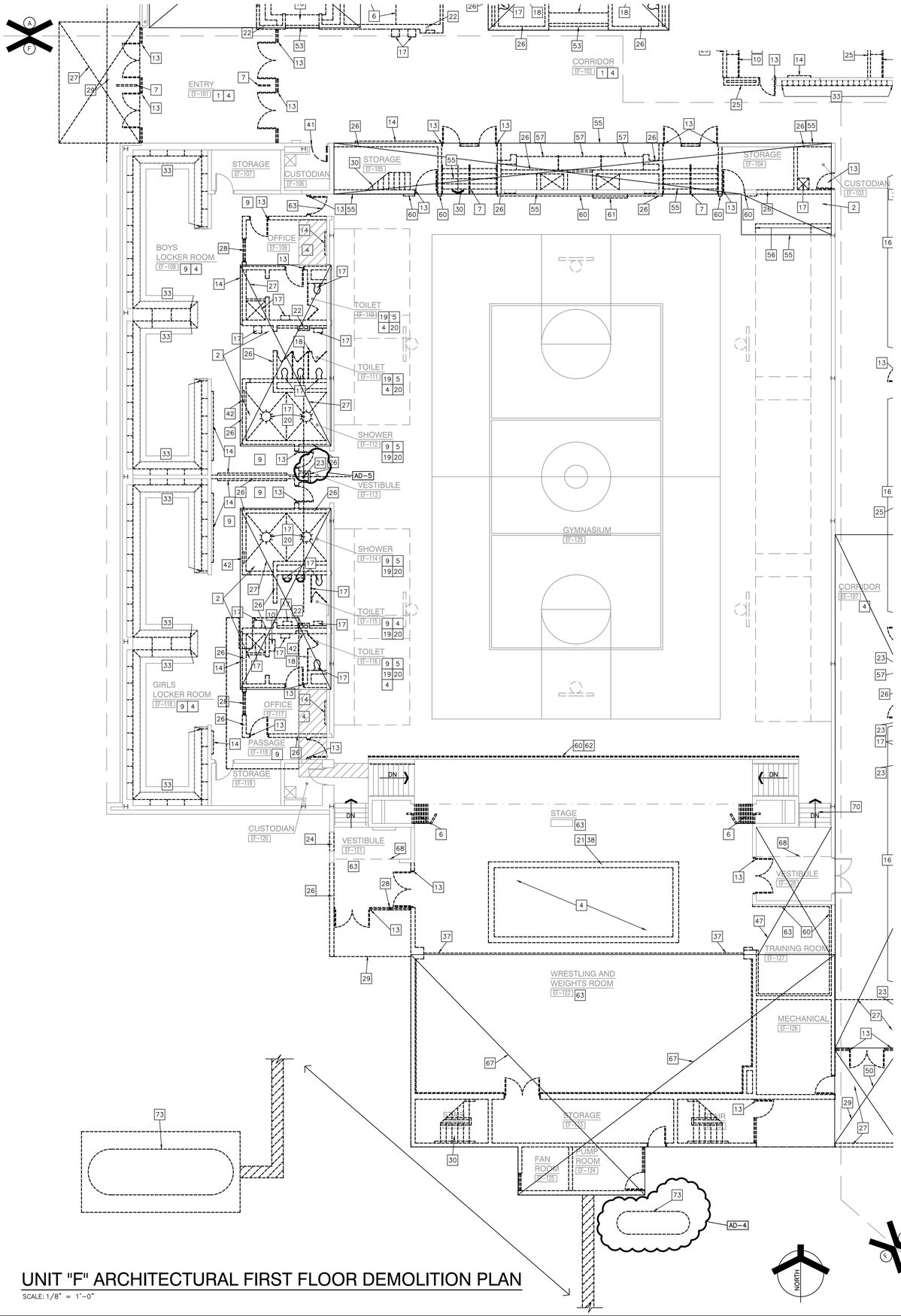

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

39 REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.

40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE EXISTING FINISH AND WALL BASE.

41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN.

42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

43 REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES.

44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

46 REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.

47 REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION.

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS.

51 REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS.

52 REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.

53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE EQUIPMENT.

54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO STRUCTURAL DRAWINGS.

55 REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8" BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION.

56 REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES.

57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION.

58 REMOVE EXISTING WHEEL CHAIR LIFT.

59 REMOVE EXISTING LOUVER

60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW FINISH.

61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.

62 REMOVE EXISTING WOOD TRIM

63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.

64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR.

65 REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING

66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. EXISTING LOCKER LOCKER BENCH TO REMAIN.

67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO REMAIN.

68 EXISTING BULKHEAD TO REMAIN.

69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.

70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE

71 REMOVE METAL ENCLOSURE IN ITS ENTIRETY

72 REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY. PREP FOR NEW FINISHES.

73 REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.

74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.

75 REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB.

DEMOLITION LEGEND

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

DEMOLITION PLAN NOTES:

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

1 REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

2 REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.

3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.

4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.

5 REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY

6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING

7 REMOVE EXISTING DIVIDER/HAND RAIL.

8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.

10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.

12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM.

13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY.

14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP WALL FOR NEW FINISHES.

15 REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY.

16 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH

17 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.

18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.

20 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

21 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.

22 EXISTING STEEL COLUMN TO REMAIN.

23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.

24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.

25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.

27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.

28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY.

29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES.

31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.

32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING FRAMING.

33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION.

35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.

36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES.

37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY.

38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND FRAMING IN ITS ENTIRETY.

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. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED 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. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED 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 AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED 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 REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

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. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

T. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

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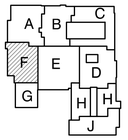
PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT
21-139
DATE
04/25/22
COORDINATED BY
DWJ
DRAWN BY
DND
CHECKED BY
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DALE J. WALCKER
REGISTERED
NO.
19600171
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AD-5	5/23/22	ADDENDUM NO.5

DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

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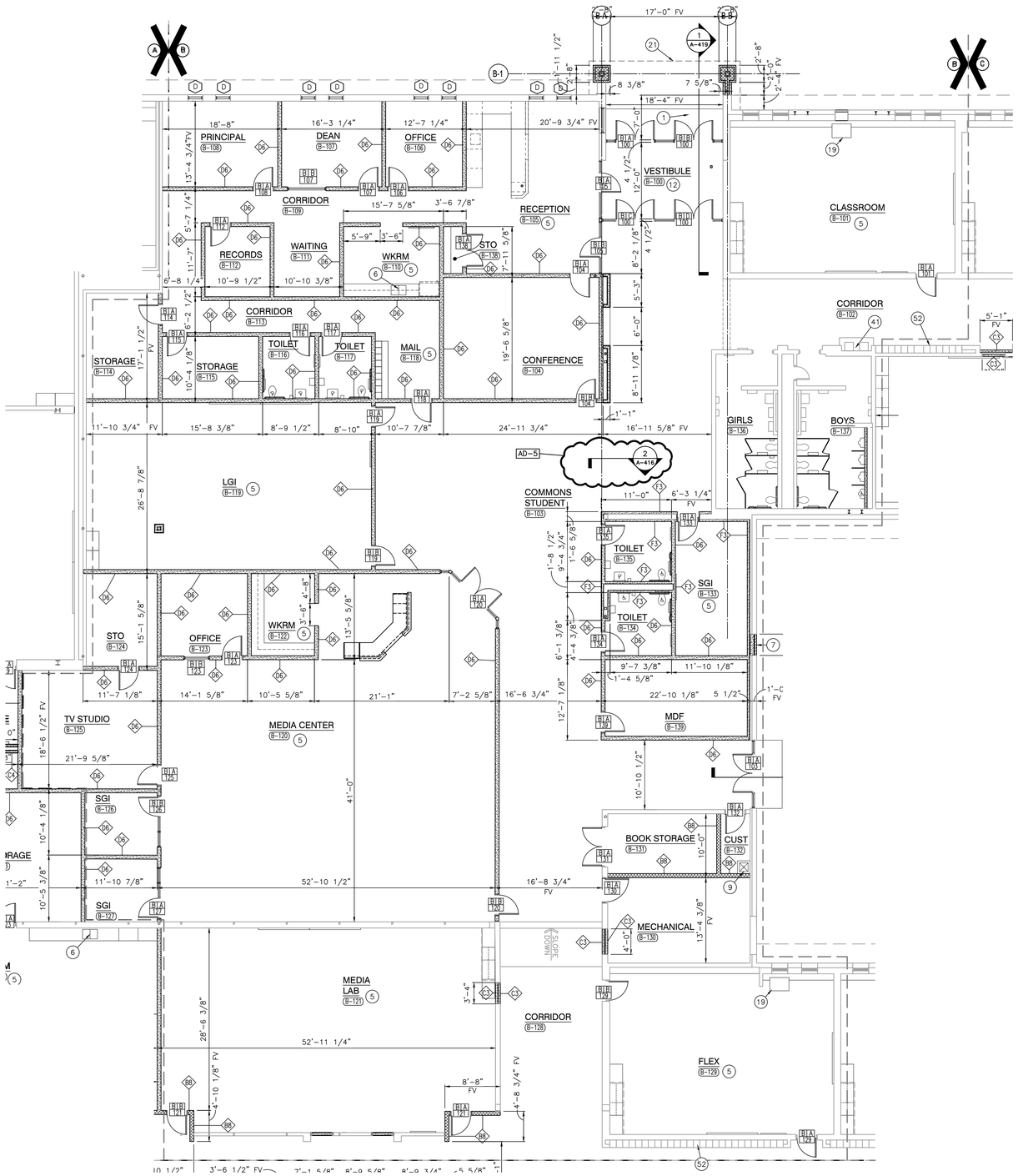
SHEET
F
AD106

Monday, 5/23/2022 - 2:17 PM - LAST SAVED BY:CDAVIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\AD106.DWG



UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVATIONS, ETC., REFER TO G 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.)

1. CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
2. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
3. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
4. KNOX BOX.
5. CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.
6. PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
7. FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS.
8. PROVIDE NEW 4" CONCRETE FLOOR SLAB.
9. MOP SINK. REFER TO PLUMBING DRAWINGS.
10. HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL.
11. 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF. COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT. — 15/A-502
12. WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.
13. LOCKERS TYPE F. — 3/A-501
14. GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS. — 2, 3, 6/A-501
15. LOCKERS TYPE G. — 3/A-501
16. ROOF HATCH AND LADDER. — 12/A-201
17. FLOOR DRAIN, REFER TO PLUMBING DRAWING.
18. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
19. UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
20. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
21. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
22. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS.
24. DOWNSPOUT, REFER TO ROOF PLAN.
25. LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS.
26. FOLDING PARTITION. SEE DETAIL — 19/A-501
27. PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN REMOVED.
28. PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS BEEN REMOVED.
29. NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETAILS.
30. PRIVACY CURTAIN TRACK. SEE DETAIL — 18/A-501
31. PARTIAL HEIGHT STUD WALL. SEE DETAIL — 4/A-501
32. PARTIAL HEIGHT BRICK/CMU WALL. SEE DETAIL — 4/A-417
33. VOLLEYBALL INSERT. SEE DETAIL — 5/A-501
34. BLEACHERS FULLY EXTENDED.
35. MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.
36. FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH.
37. PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.
38. FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE.
39. LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.
40. EXISTING WALL PADDING TO REMAIN.
41. EXISTING DRINKING FOUNTAINS TO REMAIN.
42. FILL IN OPENING WITH 8" CMU.
43. PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH.
44. SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.
45. THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE.
46. WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.
47. WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK.
48. BRONZE PLAQUE. REFER TO SPECIFICATIONS.
49. PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.
50. SAFETY CUSHION WAINSCOTING. — 8/A-501
51. FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES.
52. ELECTROSTATIC PAINT EXISTING LOCKERS
53. 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR. — 15/A-502
54. PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED CONCRETE SLAB.

GIBRALTAR DESIGN
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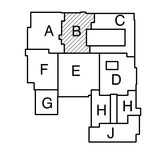
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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Email info@GibraltarDesign.com
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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY CND KLS
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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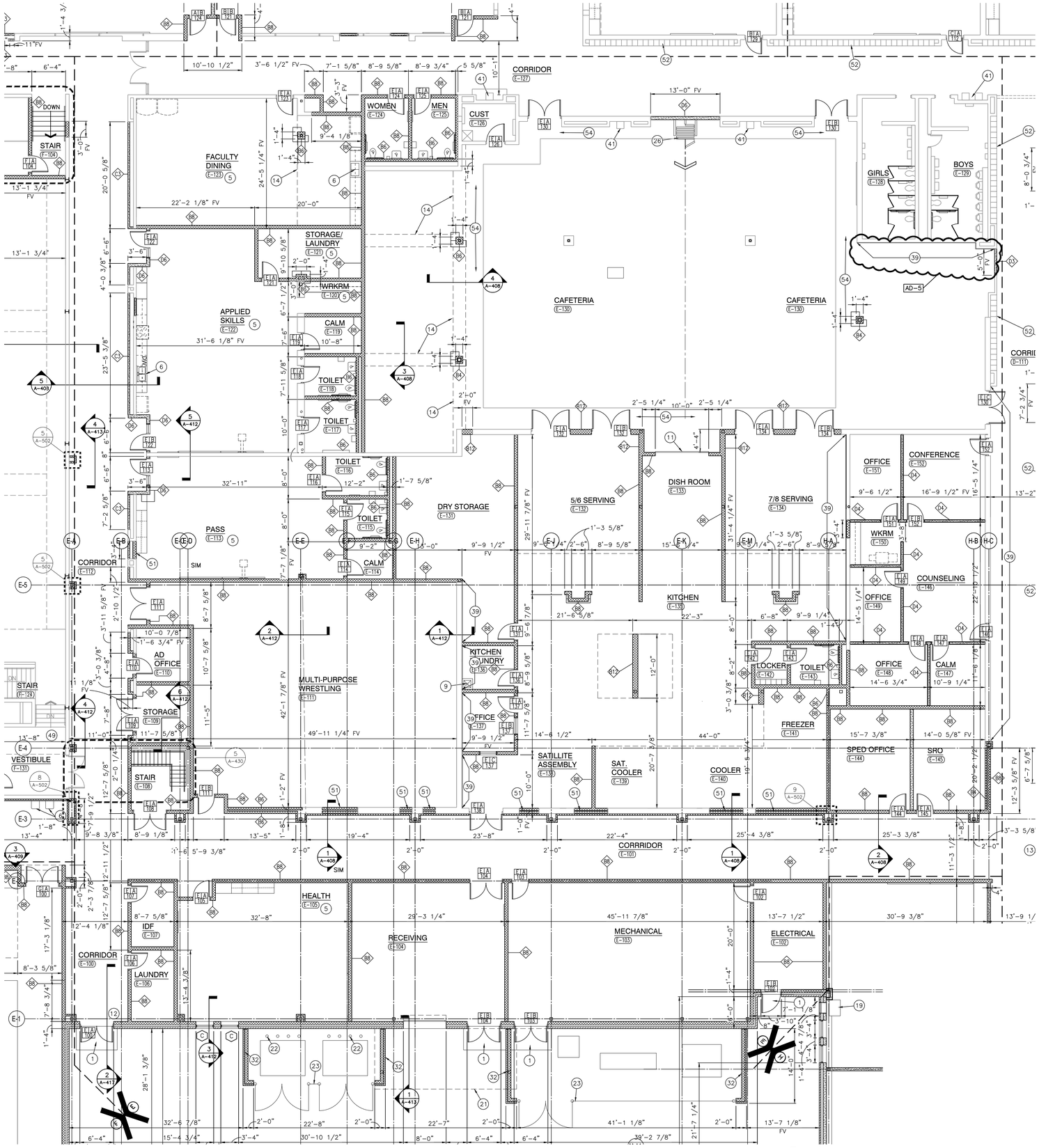
B

SHEET A-102

Monday, 5/23/2022 - 2:10 PM - LAST SAVED BY:CDAVIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\A-102.DWG



UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G 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.)

1. CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
2. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
3. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
4. KNOX BOX.
5. CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.
6. PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
7. FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS.
8. PROVIDE NEW 4" CONCRETE FLOOR SLAB.
9. MOP SINK. REFER TO PLUMBING DRAWINGS.
10. HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL.
11. 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF. COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT. — 15/A-502
12. WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.
13. LOCKERS TYPE F. — 3/A-501
14. GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS. — 2, 3, 4/A-501
15. LOCKERS TYPE G. — 3/A-501
16. ROOF HATCH AND LADDER. — 2/A-201
17. FLOOR DRAIN, REFER TO PLUMBING DRAWING.
18. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
19. UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
20. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
21. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
22. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS.
24. DOWNSPOUT, REFER TO ROOF PLAN.
25. LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS.
26. FOLDING PARTITION. SEE DETAIL — 18/A-501
27. PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN REMOVED.
28. PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS BEEN REMOVED.
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35. MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.
36. FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH.
37. PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.
38. FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE.
39. LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.
40. EXISTING WALL PADDING TO REMAIN.
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42. FILL IN OPENING WITH 8" CMU.
43. PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH.
44. SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.
45. THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE.
46. WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.
47. WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK.
48. BRONZE PLAQUE. REFER TO SPECIFICATIONS.
49. PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.
50. SAFETY CUSHION WAINSCOTING. — 8/A-501
51. FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES.
52. ELECTROSTATIC PAINT EXISTING LOCKERS
53. 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR. — 15/A-502
54. PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED CONCRETE SLAB.

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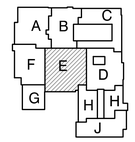
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY CND KLS
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4
AD-5	5/23/22	ADDENDUM NO.5

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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SHEET E A-105

Monday, 5/23/2022 - 2:17 PM - LAST SAVED BY:CDAVIS
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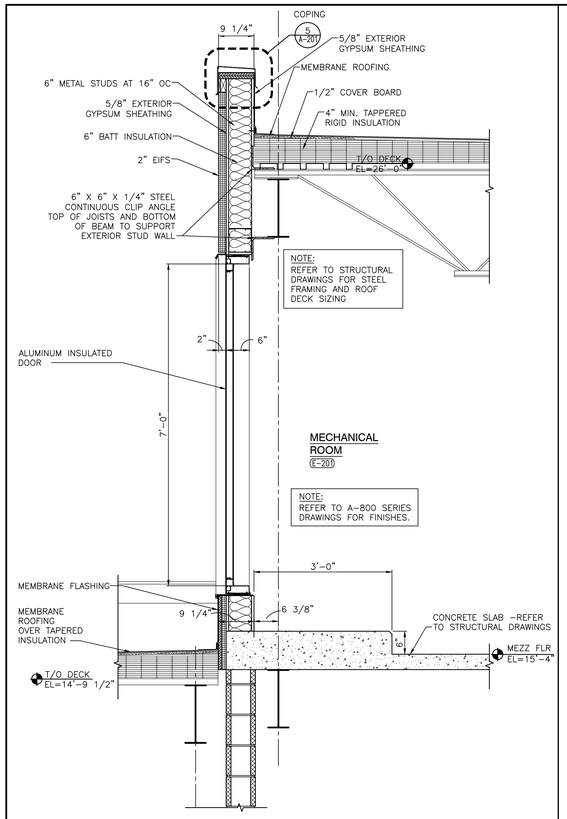
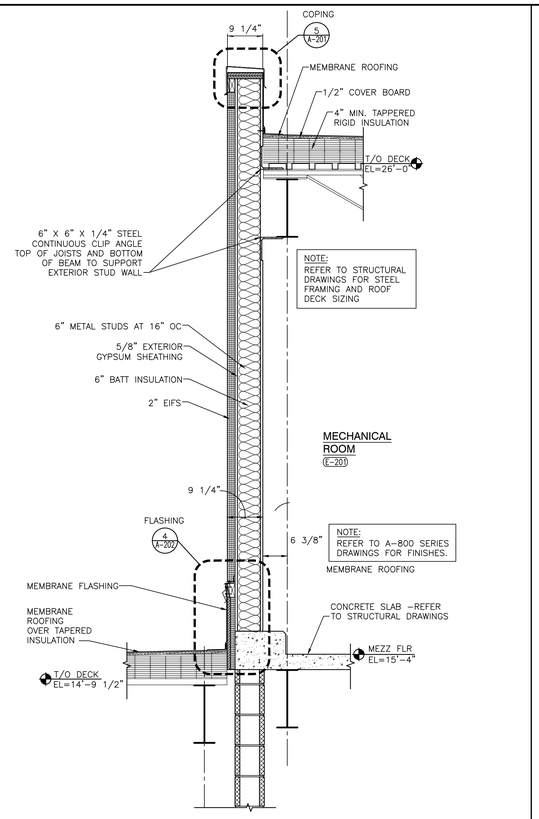


WALL SECTION
SCALE: 3/4" = 1'-0"
7 A-408



WALL SECTION
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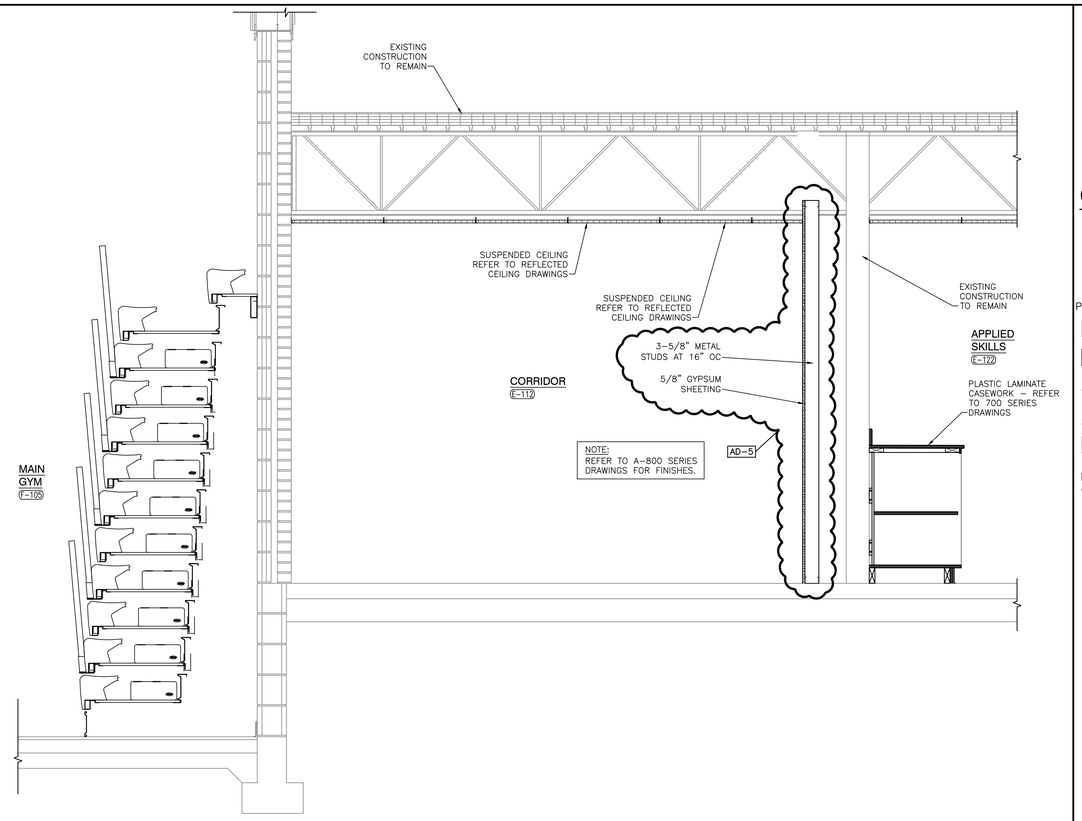
6 A-408



WALL SECTION
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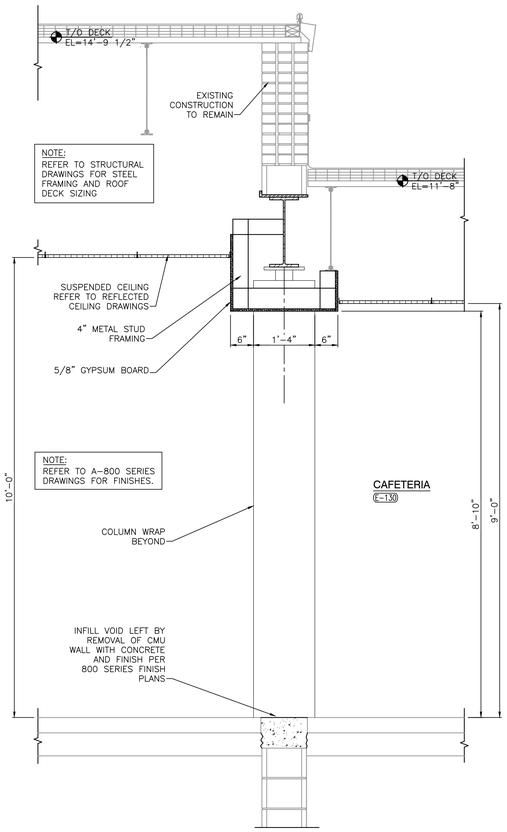
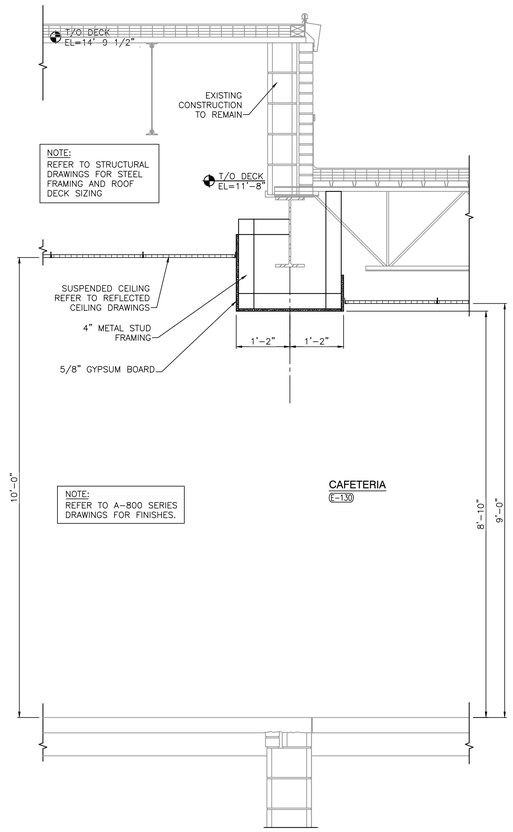
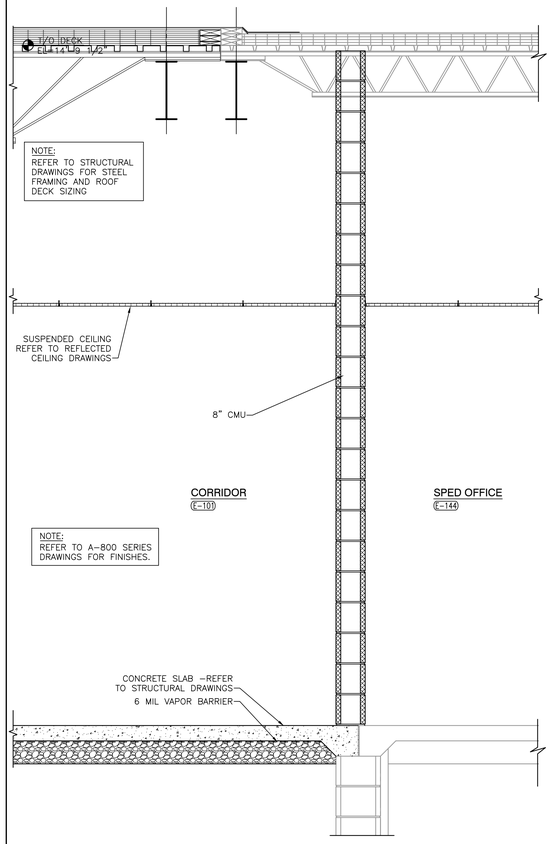
5 A-408



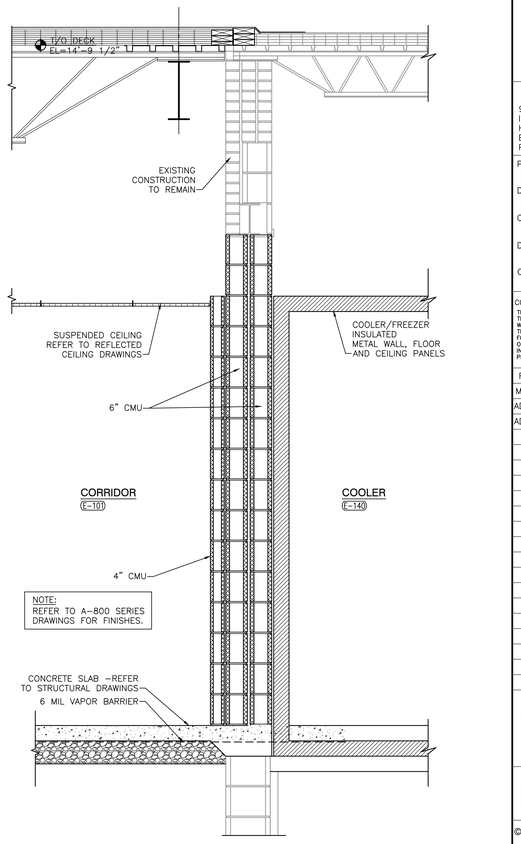
WALL SECTION
SCALE: 3/4" = 1'-0"
4 A-408



WALL SECTION
SCALE: 3/4" = 1'-0"
3 A-408



WALL SECTION
SCALE: 3/4" = 1'-0"
2 A-408



WALL SECTION
SCALE: 3/4" = 1'-0"
1 A-408

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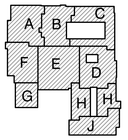
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY KLS
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/5/22	ADDENDUM NO.1
AD-5	5/28/22	ADDENDUM NO.5

DRAWING
WALL SECTIONS

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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SHEET
A-408

Monday, 5/23/2022 - 2:31 PM - LAST SAVED BY:CDAVIS
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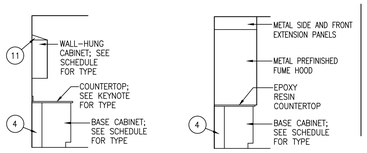
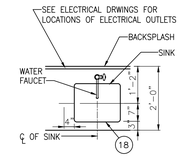
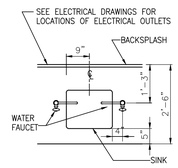


TYP. ELEVATION 80
SCALE: 1/4"=1'-0"
ROOM: CLASSROOMS

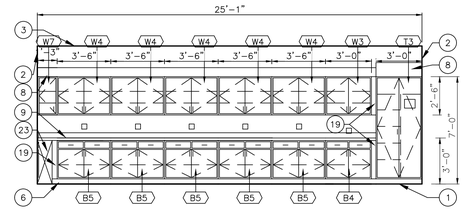
TYP. ELEVATION 79
SCALE: 1/4"=1'-0"
ROOM: CLASSROOMS @ FUME HOODS



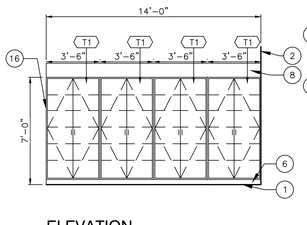
ENLARGED PLAN 78
SCALE: 1/2"=1'-0"
ROOM: TYPICAL PREP ROOMS



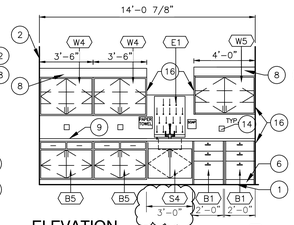
ENLARGED PLAN 77
SCALE: 1/2"=1'-0"
ROOM: TYPICAL SCIENCE CLASSROOMS



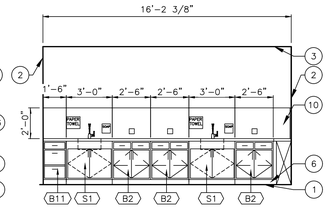
ELEVATION 76
SCALE: 1/4"=1'-0"
ROOM: C-115
OPPOSITE HAND: C-113



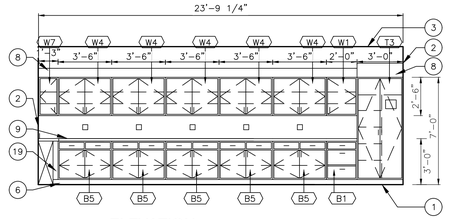
ELEVATION 75
SCALE: 1/4"=1'-0"
ROOM: C-109
OPPOSITE HAND: C-114



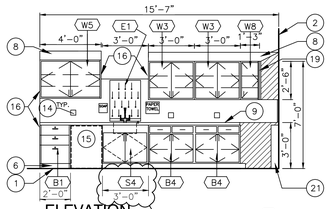
ELEVATION 74
SCALE: 1/4"=1'-0"
ROOM: C-109
OPPOSITE HAND: C-114



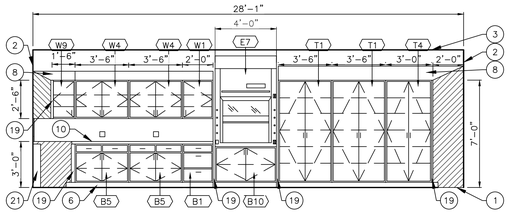
ELEVATION 73
SCALE: 1/4"=1'-0"
ROOM: C-108, C115
OPPOSITE HAND: C-110, C113



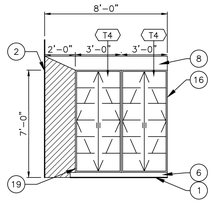
ELEVATION 72
SCALE: 1/4"=1'-0"
ROOM: C-108
OPPOSITE HAND: C-110



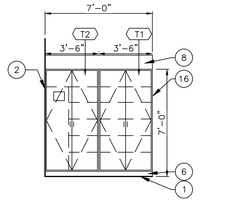
ELEVATION 71
SCALE: 1/4"=1'-0"
ROOM: D-114



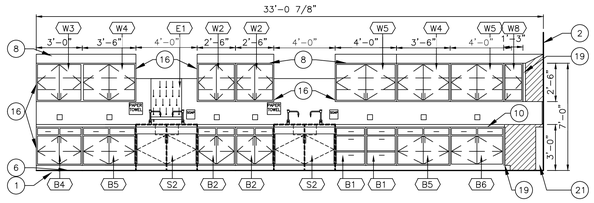
ELEVATION 70
SCALE: 1/4"=1'-0"
ROOM: D-114



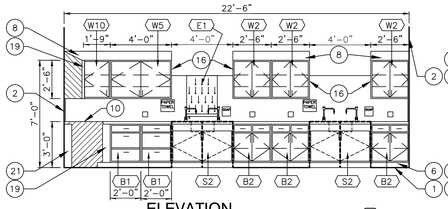
ELEVATION 69
SCALE: 1/4"=1'-0"
ROOM: D-114



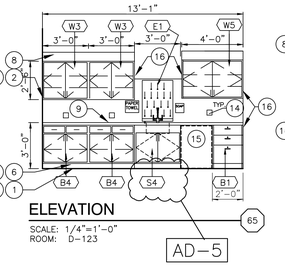
ELEVATION 68
SCALE: 1/4"=1'-0"
ROOM: D-113, D-115



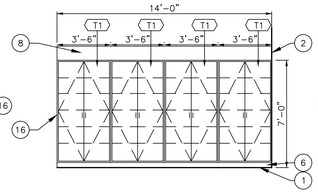
ELEVATION 67
SCALE: 1/4"=1'-0"
ROOM: D-113, D-115



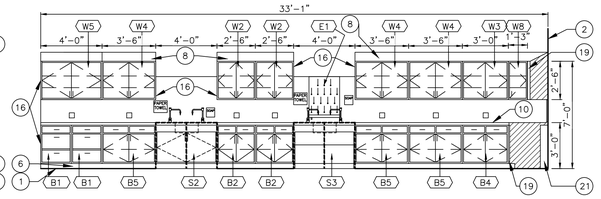
ELEVATION 66
SCALE: 1/4"=1'-0"
ROOM: D-113, D-115



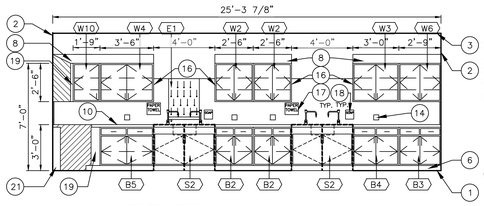
ELEVATION 65
SCALE: 1/4"=1'-0"
ROOM: D-123



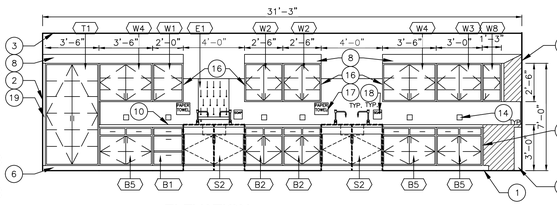
ELEVATION 64
SCALE: 1/4"=1'-0"
ROOM: D-123



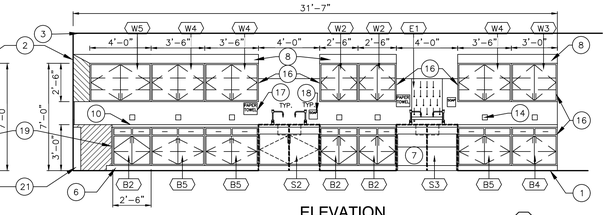
ELEVATION 63
SCALE: 1/4"=1'-0"
ROOM: D-120



ELEVATION 62
SCALE: 1/4"=1'-0"
ROOM: D-120



ELEVATION 61
SCALE: 1/4"=1'-0"
ROOM: D-122



ELEVATION 60
SCALE: 1/4"=1'-0"
ROOM: D-122

SCIENCE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
B1	1268	24"	35"H X 22 1/2" D THREE DRAWER BASE CABINET
B2	1572	30"	35"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B3	1572G	33"	35"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B4	1574	36"	35"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B5	1576	42"	35"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B6	1578	48"	35"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B7	3636	24"	32 1/2"H X 22 1/2"D FOUR DRAWER BASE CABINET
B8	3687C	30"	32 1/2"H X 22 1/2" TWO DOOR TWO DRAWER BASE UNIT
B9	1266	21"	35"H X 22 1/2" D FOUR DRAWER BASE CABINET
B10	1510	48"	32 1/2"H X 22 1/2" TWO DOOR BASE UNIT
B11	1244	18"	35"H X 22 1/2" D THREE DRAWER BASE CABINET
S1	2358	36"	35"H X 22 1/2"D SINK BASE STORAGE UNIT –SINK: EPOXY RESIN UNDERMOUNT 18" X 15" X 8" DEEP; CAMPBELL–RHEA #9732; –ONE FAUCET: CAMPBELL RHEA #9488; –SEE ENLARGED PLAN 78/A740.
S2	2362	48"	35"H X 22 1/2"D SINK BASE STORAGE UNIT –SINK: EPOXY RESIN UNDERMOUNT 18" X 15" X 8" DEEP; CAMPBELL–RHEA #9732; –TWO FAUCETS: CAMPBELL RHEA #9488; –SEE ENLARGED PLAN 77/A740.
S3	8762	48"	32 1/2"H X 22 1/2"D ADA CLOSURE PANEL ASSEMBLY FOR KNEE SPACE –SINK: ADA #9711D EPOXY RESIN STEP SINK 18"X 15"X 5" AND 8" DEEP; –TWO FAUCETS CAMPBELL–RHEA #9488BH; –SEE ENLARGED PLAN 77/A740.
S4	2358	36"	35"H X 22 1/2"D SINK BASE STORAGE UNIT –SINK: EPOXY RESIN UNDERMOUNT 18" X 15" X 8" DEEP; CAMPBELL–RHEA #9732; –ONE FAUCET: CAMPBELL RHEA #9500; –SEE ENLARGED PLAN 78/A740.
W1	4784	24"	31 1/4"H X 12"D WALL CABINET; HINGED GLAZED DOOR
W2	4788	30"	31 1/4"H X 12"D WALL CABINET; HINGED DOUBLE GLAZED DOORS
W3	4790	36"	31 1/4"H X 12"D WALL CABINET; HINGED DOUBLE GLAZED DOORS
W4	4792	42"	31 1/4"H X 12"D WALL CABINET; HINGED DOUBLE GLAZED DOORS
W5	4794	48"	31 1/4"H X 12"D WALL CABINET; HINGED DOUBLE GLAZED DOORS
W6	4788	33"	31 1/4"H X 12"D WALL CABINET; HINGED DOUBLE GLAZED DOORD
W7	4622	15"	31 1/4"H X 12"D WALL CABINET; LEFT HINGED GLAZED DOOR
W8	4562	15"	31 1/4"H X 12"D WALL CABINET; RIGHT HINGED GLAZED DOOR
W9	4624	18"	31 1/4"H X 12"D WALL CABINET; LEFT HINGED GLAZED DOOR
W10	4626	21"	31 1/4"H X 12"D WALL CABINET; LEFT HINGED GLAZED DOOR
T1	5726	42"	84"H X 22 1/2"D HINGED GLAZED DOORS WITH 5 SHELVES
T2	6955–B	42"	84"H X 22 1/2"D HINGED DOORS WARDROBE CABINET, FILE
T3	6955–B	36"	84"H X 22 1/2"D HINGED DOORS WARDROBE CABINET, FILE
T4	5726	36"	84"H X 22 1/2"D HINGED GLAZED DOORS WITH 5 SHELVES
ALL EQUIPMENT NOT SHOWN IN ELEVATIONS, SEE SCIENCE PLANS FOR LOCATIONS			
E1	6667–B	24"	30"H X 3/4"D WALL HUNG PEGBOARD SS WITH DRAIN TROUGH
E2	6784	24"	32"H X 12"D WALL HUNG GOGGLE CABINET. POWER ON RIGHT
E3	9960	17"	19 1/2"H X 12"D WALL HUNG FIRE BLANKET
E4	6780–V1	36'	35"H x 22"D FLAMABLE LIQUID STORAGE BASE CABINET, SEE NOTE 12
E5	6780A36AS	35"	35"H x 22"D ACID STORAGE BASE CABINET, SEE NOTE 13
E6	9622	18"	30"H X 4"D ADA RECESSED EYE WASH WITH DRAIN PAN
E7	F–100	48"	4'–11"H X 35 1/4"D BENCH STYLE, ADA, BARRIER FREE FUME HOOD LESS BASE CABINET; PROVIDE PHENOLIC RESIN LINER, LIGHT SWITCH AND FAN SWITCH WITH PILOT LIGHT, GAS, WATER AND CUP SINK. PROVIDE METAL EXTENSION PANELS TO EXTEND SIDEWALLS AND FRONT WALL TO THE CEILING LINE. EXTENSION PANELS SHALL MATCH THE FINISH OF THE FUME HOOD.

GENERAL NOTES (APPLIES TO THIS SHEET ONLY)

A. REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND IN "A–800" SERIES DRAWINGS FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM ICI SCIENTIFIC (CAMPBELL RHEA) AND ARE FOR CABINET/EQUIPMENT REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
C. VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
D. ALL COUNTERTOPS TO BE BLACK EPOXY RESIN WITH 4" HIGH BLACK EPOXY RESIN BACKSPLASH AND/OR ENDSPASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE). REFER TO KEYNOTES FOR COUNTER TOP DEPTH.
E. PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.
F. ALL EXPOSED CASEWORK SURFACES TO BE FINISHED WOOD, INCLUDING OPEN INTERIORS OF CABINETRY (UNLESS NOTED OTHERWISE).
G. ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.
H. PROVIDE CONTINUOUS FINISHED WOOD SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).
I. 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.
J. PROVIDE LOCKS ON ALL CABINET DRAWERS AND DOORS IN PREP ROOMS AND WARDROBE CABINETS WITHIN CLASSROOMS, KEYED ALIKE BY ROOM.
K. ALL ADJOINING CABINETS SHALL BE ALIGNED.
L. WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.
M. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
N. PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.
O. 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.
P. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
Q. REFER TO SCIENCE CASEWORK SCHEDULE FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.
R. ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.
S. REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

KEY NOTES (APPLIES TO THIS SHEET ONLY)

1. LINE OF FINISHED FLOOR
2. WALL LINE
3. CEILING LINE
4. DOOR, REFER TO FLOOR PLANS
5. WINDOW, REFER TO FLOOR PLANS
6. 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
7. KNEE SPACE
8. SLOPED TOP (CONTINUOUS)
9. 25"D COUNTERTOP WITH BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
10. 31"D COUNTERTOP WITH BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
11. REFRIGERATOR, BY OWNER
12. SELF–CLOSING DOORS; UL LABELED; VENT THIS UNIT; DESIGN UNIT TO FIT UNDER COUNTERTOP IN CASEWORK ASSEMBLY; PROVIDE DECAL ON FRONT: "FLAMMABLE – KEEP FIRE AWAY".
13. MEET OSHA AND NFPA STANDARDS; DESIGN UNIT TO FIT UNDER COUNTERTOP IN CASEWORK ASSEMBLY; PROVIDE "ACID" DECAL ON FRONT.
14. ELECTRICAL, SEE ELEC. DRAWINGS
15. DISHWASHER, BY OWNER
16. FINISHED BACK/END PANEL
17. PAPER TOWEL DISPENSER (OFCI)
18. SOAP DISPENSER (OFCI)
19. FILLER PANEL FINISHED TO MATCH FACE OF CABINETS.
20. SINK, REFERENCE SCIENCE CASEWORK SCHEDULE
21. 6" NOMINAL PIPE CHASE WITH FINISHED END
22. VUV, REFER TO MECHANICAL DRAWINGS
23. PIPE CHASE ENCLOSED WITH LOW WALL. COUNTERTOP SHALL BE CONTINUOUS OVER LOW WALL ACROSS EXTERIOR WALL TO CABINETS ON OTHER SIDE. VERIFY DEPTH OF PIPE CHASE.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

KEY PLAN

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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PROJECT 21–139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY CLN
CHECKED BY DJW

DALE J. WALCKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD–1	5/05/22	ADDENDUM NO. 1
AD–5	5/23/22	ADDENDUM NO. 5

DRAWING
SCIENCE CASEWORK SCHEDULE, ELEVATIONS AND DETAILS

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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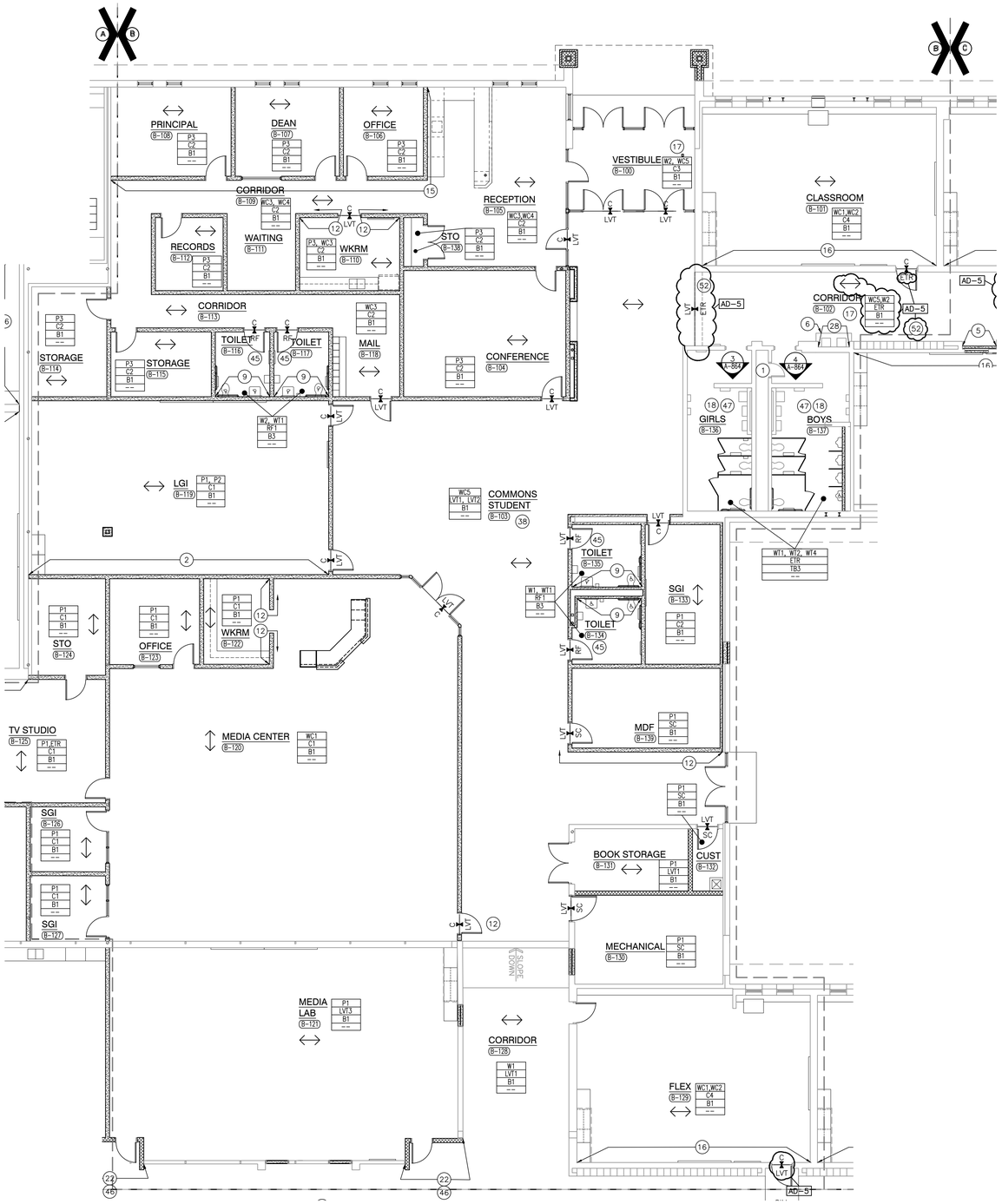
SHEET
A-740

Monday, 5/23/2022 – 2:37 PM – LAST SAVED BY:CNELSON
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\A-740.DWG



UNIT "B" FIRST FLOOR FINISH PLAN

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

NORTH

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 PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

J. 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 803.

K. PAINT ALL DOOR FRAMES P4 – ALL SIDES UNLESS NOTED OTHERWISE.

L. NO VINYL BASE TO BE INSTALLED ON BRICK WALLS.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF FLOOR MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. PAINT, P2.
3. WALLCOATING, MATCH ADJACENT EXISTING PAINT COLOR.
4. WALL TILE PATTERN, 5,6/A-864.
5. WALLCOVERING, WC5.
6. FLOOR TILE, ETR.
7. WALLCOATING, W2.
8. REFERENCE FLOOR PATTERN PLAN, 4/A-830.
9. WALL TILE, HORIZONTAL ASHLAR, WT1.
10. HATCH PATTERN INDICATES SEALED CONCRETE, SC AND VINYL BASE, B1 IN THIS AREA.
11. SAFETY CUSHION WAINSCOT, ETR.
12. END WALLCOVERING HERE.
13. PAINT ALL EXPOSED CEILING, P6.
14. PATCH FLOORING WITH TZ1.
15. WALLCOVERING, WC4.
16. WALLCOVERING, WC2
17. PAINT EXISTING WALL TILE, W2.
18. PROVIDE TRIM ON ALL OUTSIDE CORNERS, TRIM3.
19. WALLCOATING, W3.
20. STAIR RISER AND STAIR TREAD WITH INTEGRAL NOSING, ST1.
21. PAINT, MATCH EXISTING WALL FINISHES.
22. WALLCOATING, W1.
23. CT, CERAMIC FLOOR TILE IN SHOWER TO EXTEND 1'0" PAST CURB. ALIGN WITH WALL TILE. REFER TO 13/A-520.
24. PAINT BOTTOM AND FACE OF BULKHEAD, P7.
25. BRICK, ETR.
26. PAINT NEW STEEL RAILINGS.
27. PAINT EXISTING STEEL RAILINGS.
28. WALL TILE, ETR.
29. CERAMIC TILE ON LOCKER BASE, ETR.
30. STAIRS, ETR.
31. REFERENCE FLOOR PATTERN PLAN, 1/A-830.
32. WALL TILE PATTERN, 2/A-862.
33. PAINT WAINSCOT TO TOP OF CMU WALL, W2.
34. LINE OF NEW BLEACHRS.
35. PRIVACY CURTAIN, PC1.
36. REFER TO GYMNASIUM COURTLINE PLAY, SHEET A-840.
37. (AD-5) LVT2, 18" X 18".
38. REFERENCE FLOOR PATTERN PLAN, 2/A-830.
39. REFERENCE FLOOR PATTERN PLAN, 6/A-830.
40. REFERENCE FLOOR PATTERN PLAN, 3/A-830.
41. REFERENCE FLOOR PATTERN PLAN, 5/A-830.
42. REFERENCE FLOOR PATTERN PLAN, 7/A-830.
43. NEW SAFETY CUSHION WAINSCOT.
44. USE RUBBER FLOOR, R1 IN AREA WITH HATCH PATTERN.
45. METAL TRIM TRANSITION, TRIM1.
46. METAL TRIM TRANSITION, PLACED AT MATERIAL EDGE OF WALL, TRIM2.
47. ALL WALLS TO RECEIVE WALL TILE, HORIZONTAL BRICK ASHLAR, WT1, UNLESS NOTED OTHERWISE.
48. PAINT, P1.
49. RAILINGS, ETR.
50. PAINT STAIRS.
51. NEW RAILING WILL NOT RECEIVE PAINT.
52. (AD-5) ALTERNATE BID: FIELD=LVT1 AND ACCENT=LVT2.

GIBRALTAR DESIGN

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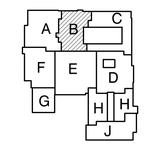
PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY SDT
CHECKED BY DJW

DALE J. WAGLER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	5/05/22	ADDENDUM NO. 1
AD-5	5/23/22	ADDENDUM NO. 5

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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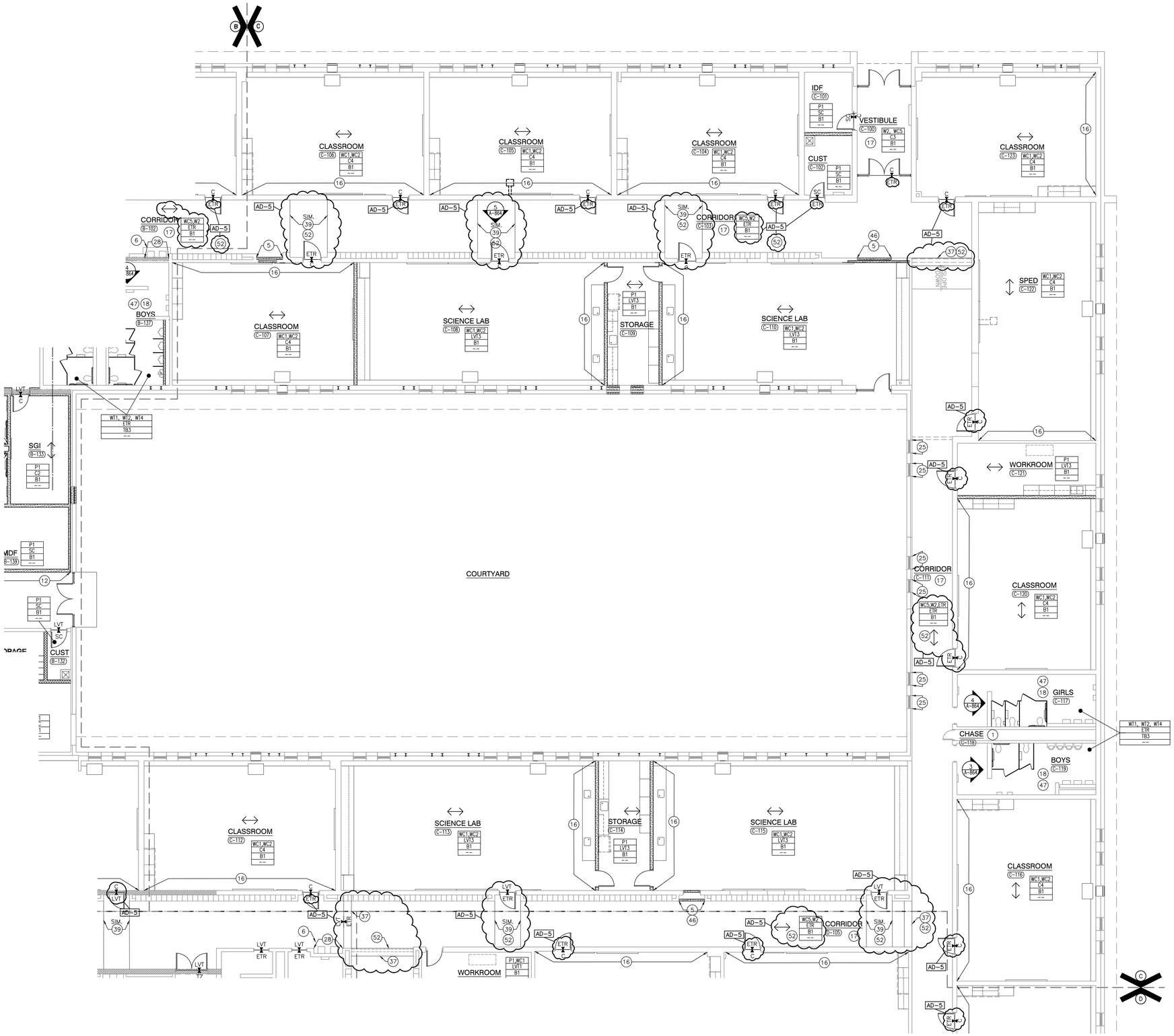
SHEET B A-802

Friday, 5/20/2022 – 10:45 AM – LAST SAVED BY:STERRILL
Y:\21-139 DUNELAND SC – LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\A-862.DWG



UNIT "C" FIRST FLOOR FINISH PLAN

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

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 PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

J. 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 803.

K. PAINT ALL DOOR FRAMES P4 – ALL SIDES UNLESS NOTED OTHERWISE.

L. NO VINYL BASE TO BE INSTALLED ON BRICK WALLS.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF FLOOR MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. PAINT, P2.
3. WALLCOATING, MATCH ADJACENT EXISTING PAINT COLOR.
4. WALL TILE PATTERN, 5,6/A-864.
5. WALLCOVERING, WC5.
6. FLOOR TILE, ETR.
7. WALLCOATING, W2.
8. REFERENCE FLOOR PATTERN PLAN, 4/A-830.
9. WALL TILE, HORIZONTAL ASHLAR, WT1.
10. HATCH PATTERN INDICATES SEALED CONCRETE, SC AND VINYL BASE, B1 IN THIS AREA.
11. SAFETY CUSHION WAINSCOT, ETR.
12. END WALLCOVERING HERE.
13. PAINT ALL EXPOSED CEILING, P6.
14. PATCH FLOORING WITH TZ1.
15. WALLCOVERING, WC4.
16. WALLCOVERING, WC2
17. PAINT EXISTING WALL TILE, W2.
18. PROVIDE TRIM ON ALL OUTSIDE CORNERS, TRIM3.
19. WALLCOATING, W3.
20. STAIR RISER AND STAIR TREAD WITH INTEGRAL NOSING, ST1.
21. PAINT, MATCH EXISTING WALL FINISHES.
22. WALLCOATING, W1.
23. CT, CERAMIC FLOOR TILE IN SHOWER TO EXTEND 1'0" PAST CURB. ALIGN WITH WALL TILE. REFER TO 13/A-520.
24. PAINT BOTTOM AND FACE OF BULKHEAD, P7.
25. BRICK, ETR.
26. PAINT NEW STEEL RAILINGS.
27. PAINT EXISTING STEEL RAILINGS.
28. WALL TILE, ETR.
29. CERAMIC TILE ON LOCKER BASE, ETR.
30. STAIRS, ETR.
31. REFERENCE FLOOR PATTERN PLAN, 1/A-830.
32. WALL TILE PATTERN, 2/A-862.
33. PAINT WAINSCOT TO TOP OF CMU WALL, W2.
34. LINE OF NEW BLEACHRS.
35. PRIVACY CURTAIN, PC1.
36. REFER TO GYMNASIUM COURTLINE PLAY, SHEET A-840.
37. LVT2, 18" X 18". (AD-5)
38. REFERENCE FLOOR PATTERN PLAN, 2/A-830.
39. REFERENCE FLOOR PATTERN PLAN, 6/A-830.
40. REFERENCE FLOOR PATTERN PLAN, 3/A-830.
41. REFERENCE FLOOR PATTERN PLAN, 5/A-830.
42. REFERENCE FLOOR PATTERN PLAN, 7/A-830,
43. NEW SAFETY CUSHION WAINSCOT.
44. USE RUBBER FLOOR, R1 IN AREA WITH HATCH PATTERN.
45. METAL TRIM TRANSITION, TRIM1.
46. METAL TRIM TRANSITION, PLACED AT MATERIAL EDGE OF WALL, TRIM2.
47. ALL WALLS TO RECEIVE WALL TILE, HORIZONTAL BRICK ASHLAR, WT1, UNLESS NOTED OTHERWISE.
48. PAINT, P1.
49. RAILINGS, ETR.
50. PAINT STAIRS.
51. NEW RAILING WILL NOT RECEIVE PAINT.
52. ALTERNATE BID: FIELD=LVT1 AND ACCENT=LVT2. (AD-5)

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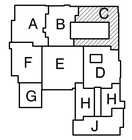
PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY SDT
CHECKED BY DJW

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	5/05/22	ADDENDUM NO. 1
AD-5	5/23/22	ADDENDUM NO. 5

DRAWING
UNIT "C" FIRST FLOOR FINISH PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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Friday, 5/20/2022 – 10:43 AM – LAST SAVED BY:STERRILL
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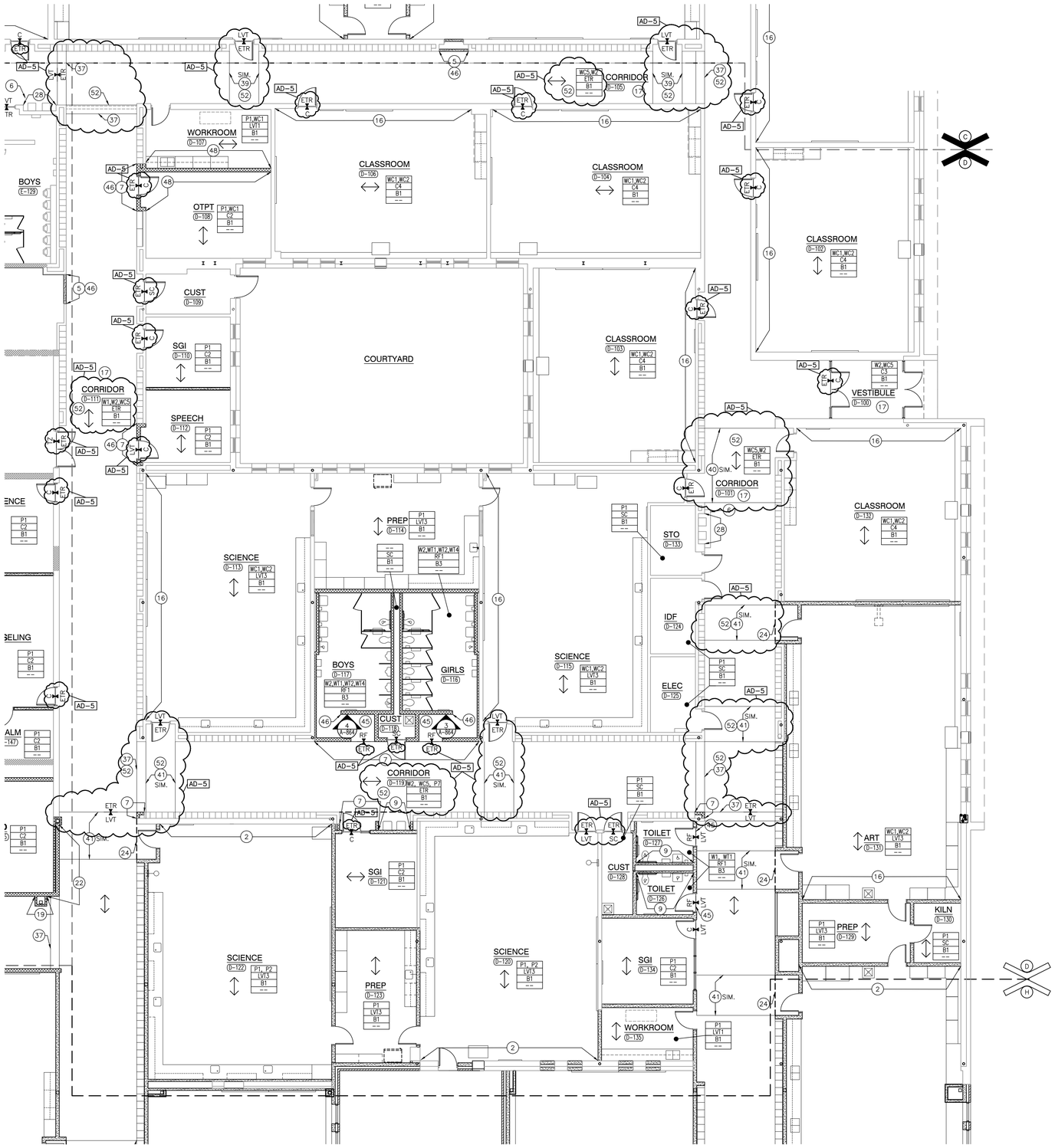

UNIT "D" FIRST FLOOR FINISH PLAN

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

NORTH

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.

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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.

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K. PAINT ALL DOOR FRAMES P4 – ALL SIDES UNLESS NOTED OTHERWISE.

L. NO VINYL BASE TO BE INSTALLED ON BRICK WALLS.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF FLOOR MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. PAINT, P2.
3. WALLCOATING, MATCH ADJACENT EXISTING PAINT COLOR.
4. WALL TILE PATTERN, 5,6/A-864.
5. WALLCOVERING, WC5.
6. FLOOR TILE, ETR.
7. WALLCOATING, W2.
8. REFERENCE FLOOR PATTERN PLAN, 4/A-830.
9. WALL TILE, HORIZONTAL ASHLAR, WT1.
10. HATCH PATTERN INDICATES SEALED CONCRETE, SC AND VINYL BASE, B1 IN THIS AREA.
11. SAFETY CUSHION WAINSCOT, ETR.
12. END WALLCOVERING HERE.
13. PAINT ALL EXPOSED CEILING, P6.
14. PATCH FLOORING WITH TZ1.
15. WALLCOVERING, WC4.
16. WALLCOVERING, WC2
17. PAINT EXISTING WALL TILE, W2.
18. PROVIDE TRIM ON ALL OUTSIDE CORNERS, TRIM3.
19. WALLCOATING, W3.
20. STAIR RISER AND STAIR TREAD WITH INTEGRAL NOSING, ST1.
21. PAINT, MATCH EXISTING WALL FINISHES.
22. WALLCOATING, W1.
23. CT, CERAMIC FLOOR TILE IN SHOWER TO EXTEND 1'0" PAST CURB. ALIGN WITH WALL TILE. REFER TO 13/A-520.
24. PAINT BOTTOM AND FACE OF BULKHEAD, P7.
25. BRICK, ETR.
26. PAINT NEW STEEL RAILINGS.
27. PAINT EXISTING STEEL RAILINGS.
28. WALL TILE, ETR.
29. CERAMIC TILE ON LOCKER BASE, ETR.
30. STAIRS, ETR.
31. REFERENCE FLOOR PATTERN PLAN, 1/A-830.
32. WALL TILE PATTERN, 2/A-862.
33. PAINT WAINSCOT TO TOP OF CMU WALL, W2.
34. LINE OF NEW BLEACHRS.
35. PRIVACY CURTAIN, PC1.
36. REFER TO GYMNASIUM COURTLINE PLAY, SHEET A-840.
37. AD-5 LVT2, 18" X 18"
38. REFERENCE FLOOR PATTERN PLAN, 2/A-830.
39. REFERENCE FLOOR PATTERN PLAN, 6/A-830.
40. REFERENCE FLOOR PATTERN PLAN, 3/A-830.
41. REFERENCE FLOOR PATTERN PLAN, 5/A-830.
42. REFERENCE FLOOR PATTERN PLAN, 7/A-830,
43. NEW SAFETY CUSHION WAINSCOT.
44. USE RUBBER FLOOR, R1 IN AREA WITH HATCH PATTERN.
45. METAL TRIM TRANSITION, TRIM1.
46. METAL TRIM TRANSITION, PLACED AT MATERIAL EDGE OF WALL, TRIM2.
47. ALL WALLS TO RECEIVE WALL TILE, HORIZONTAL BRICK ASHLAR, WT1, UNLESS NOTED OTHERWISE.
48. PAINT, P1.
49. RAILINGS, ETR.
50. PAINT STAIRS.
51. NEW RAILING WILL NOT RECEIVE PAINT.
52. AD-5 ALTERNATE BID: FIELD=LVT1 AND ACCENT=LVT2.

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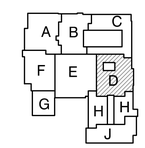
PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY DJW
DRAWN BY SDT
CHECKED BY DJW

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	5/05/22	ADDENDUM NO. 1
AD-5	5/23/22	ADDENDUM NO. 5

DRAWING
UNIT "D" FIRST FLOOR FINISH PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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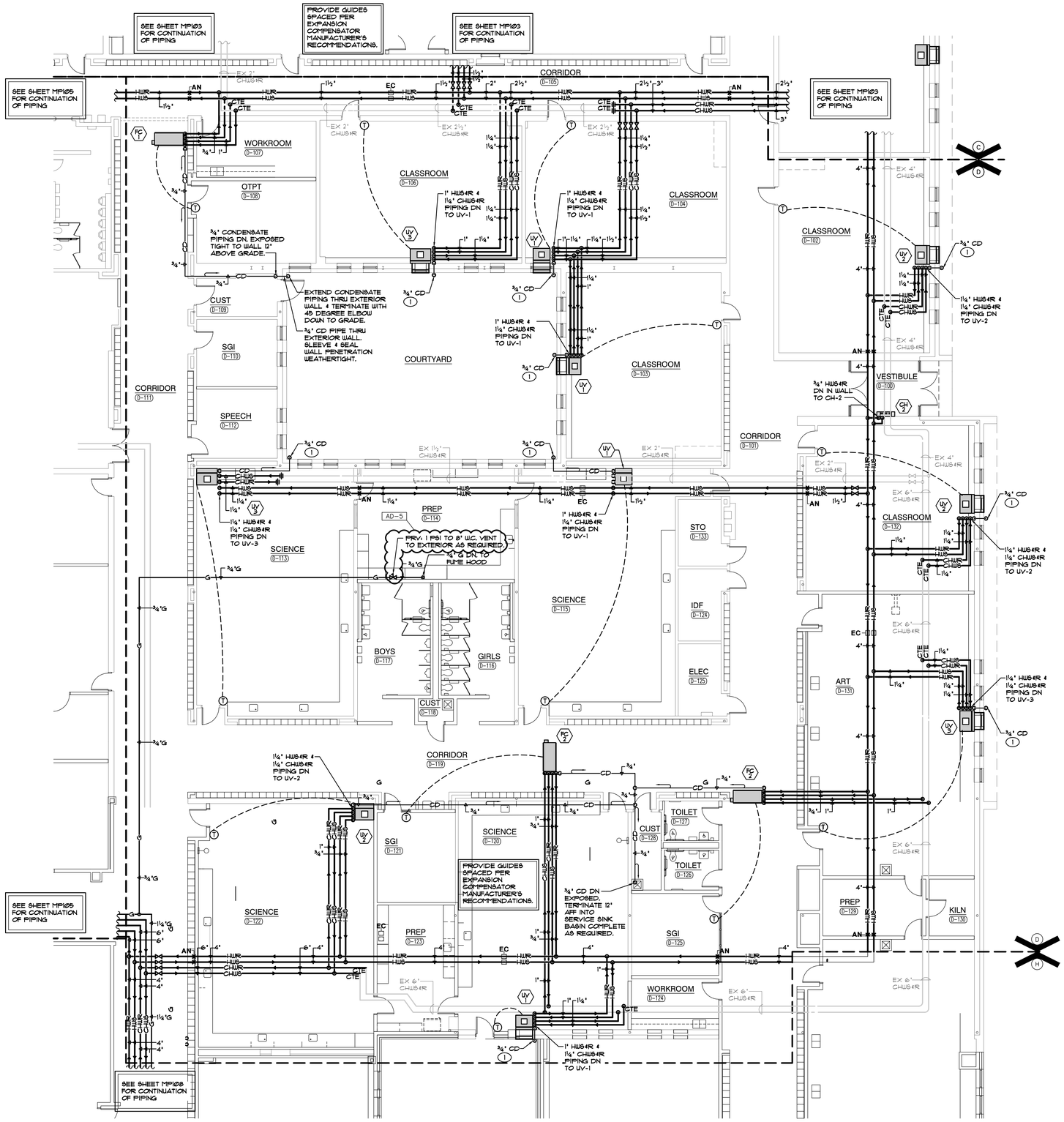
SHEET D A-804

Friday, 5/20/2022 – 10:44 AM – LAST SAVED BY:STERRILL
Y:\21-139 DUNELAND SC – LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05 ARCH\A-804.DWG

SHEET NOTES

1. EXTEND CONDENSATE PIPING FROM UNIT THRU WALL. TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE. SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION WEATHERTIGHT.



UNIT "D" MECHANICAL FIRST FLOOR PIPING PLAN

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

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PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY KS
CHECKED BY DJ

DAVID G. JANICZEK REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
UNIT "D" MECHANICAL FIRST FLOOR PIPING PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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SHEET D MP104

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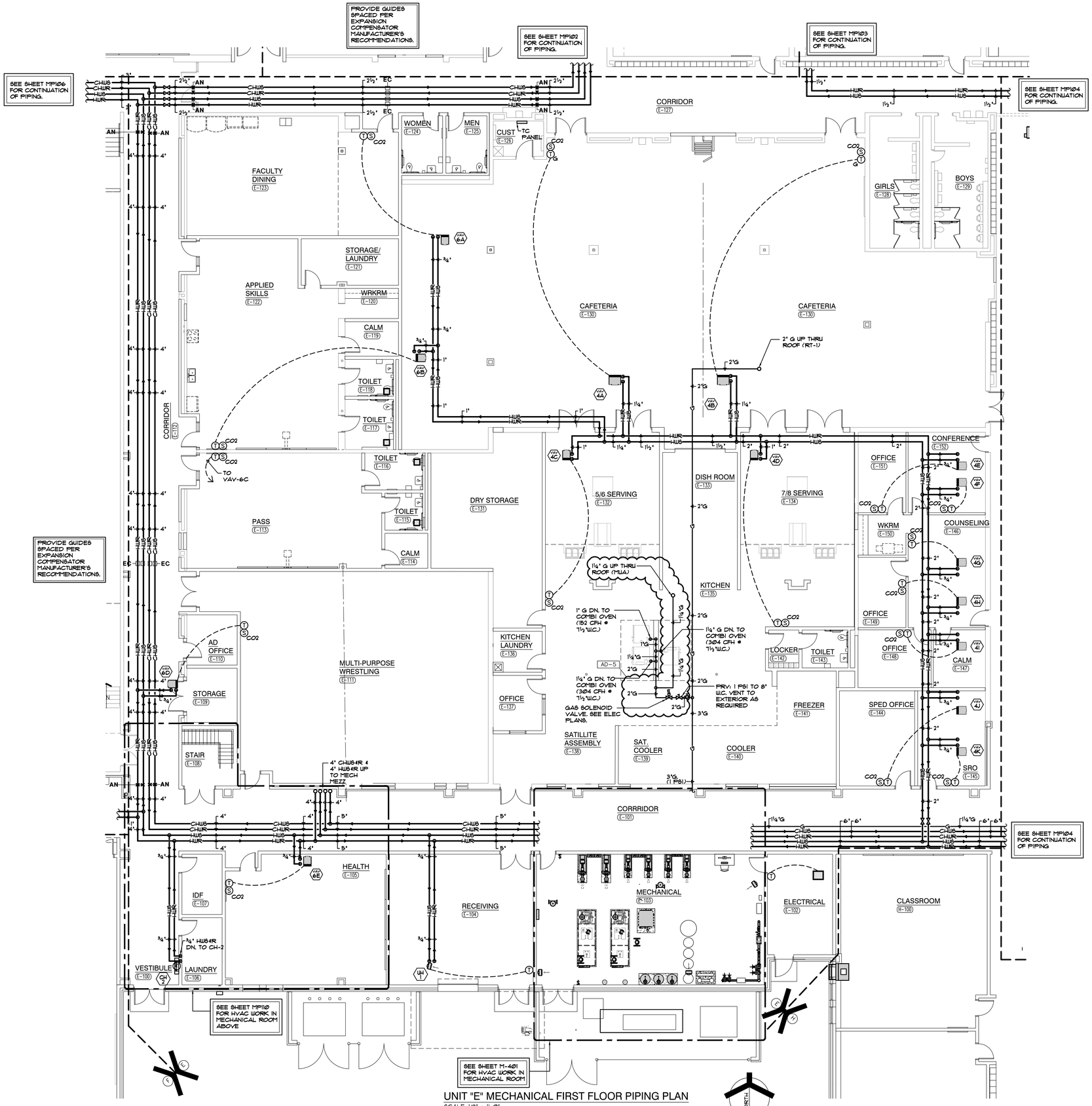

UNIT "E" MECHANICAL FIRST FLOOR PIPING PLAN

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

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PROJECT
LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNETT NO. 10302590 STATE OF INDIANA

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REVISIONS

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AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
UNIT "E" MECHANICAL FIRST FLOOR PIPING PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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E

SHEET MP105

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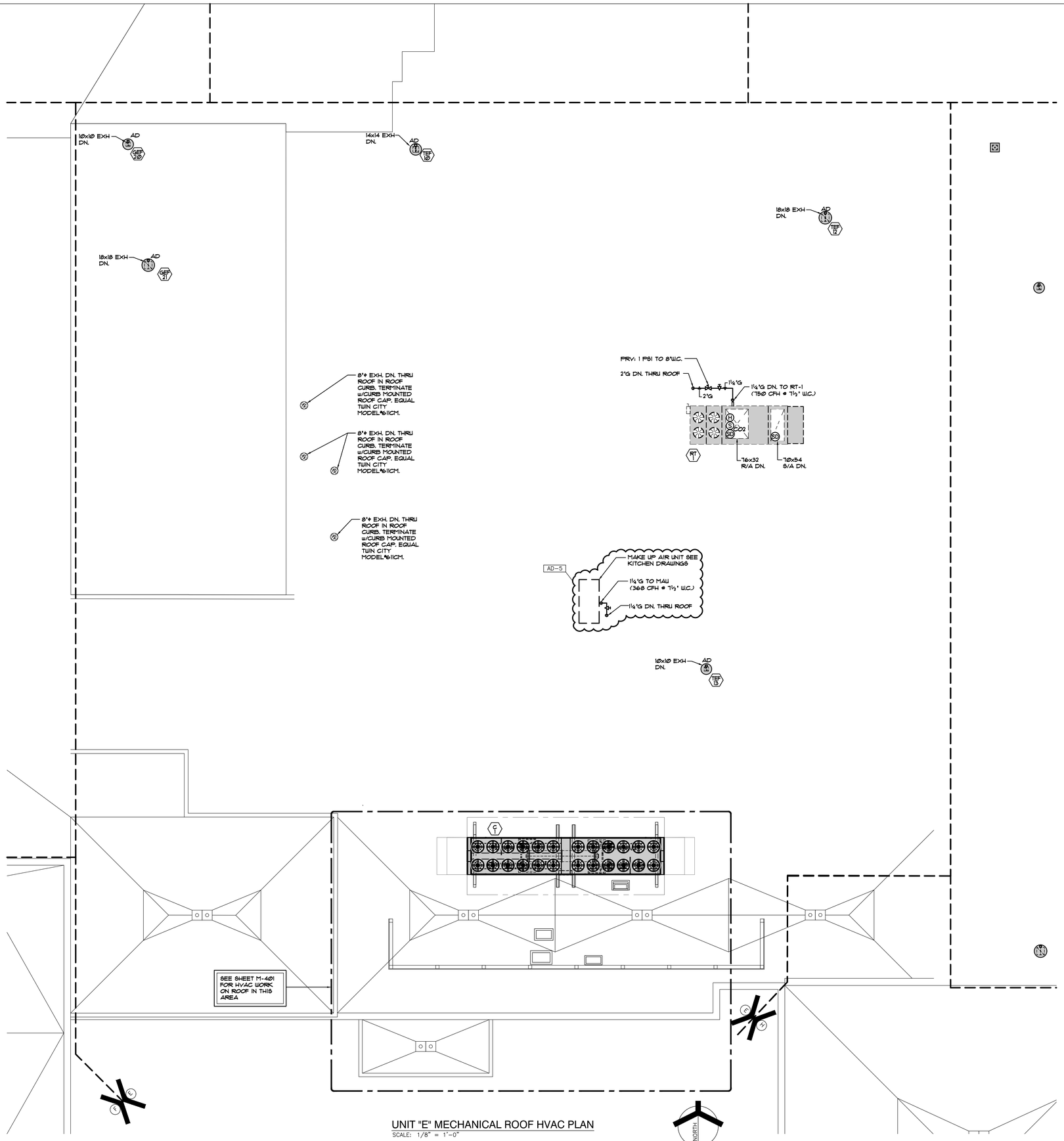

UNIT "E" MECHANICAL ROOF HVAC PLAN

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

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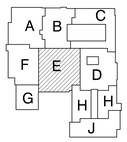
PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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PROJECT 21-139

DATE 04/25/22

COORDINATED BY JC

DRAWN BY GL

CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING

UNIT "E" MECHANICAL ROOF HVAC PLAN

PROJECT

LIBERTY IS - ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN

E

SHEET

M-305

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MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MOD NUMBER	DESCRIPTION	FAN MOTOR DATA CFM	MIN OAI HIGH	MIN OAI LOW	ESP	BHP	HP	RPM	DX COOLING EQUIPMENT/COIL DATA MBH	SHC	EDB	EWB	LDB	LWB	CAT	STGS	GAS FIRED HEATING EQUIP MBH (IN)	MBH (OUT)	EAT	LAT	STGS	CHILLED WATER COOLING EQUIPMENT/COIL DATA MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	MAX WPD	CAT	HOT WATER HEATING EQUIP/COIL DATA MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	HOT WATER PREHEATING COIL DATA MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	ELECTRICAL DATA LOAD HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ.	STARTER MC.	STARTER EC.	UNITS CTRL'D BY	EQUIP WEIGHT	REMARKS
C-1	TRANE	RTAC-350	ROOF MOUNTED AIR COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4297	-	714	-	-	-	-	57	45	12	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	634	-	-	700	480	3	60	X	-	FMS	24700	NOTE 1.
B-3	CAMUS	AR2500	GAS FIRED HW CONDENSING BOILER w/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2500	2363	237	-	-	160	180	12	-	-	-	-	-	-	-	-	6	-	-	15	480	3	60	X	-	FMS	2400	NOTE 2.
AH-1	TRANE	CSAA012	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	6755	2620	675	2.25	10.4	(2) 7.5	3331	-	-	-	-	-	-	-	-	-	-	-	-	-	323	229	53.7	81.4	66.7	50.6	50.5	45	57	12	-	-	-	-	-	-	-	-	-	182	18.2	37.7	62.6	180	160	12	-	36	-	-	50	480	3	60	X	-	FMS	4071	NOTE 3.
ER-1				6755	-	-	1	4.16	(2) 3	2520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
AH-2	TRANE	CSAA010	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	5200	2665	520	2	7.5	(2) 5	4181	-	-	-	-	-	-	-	-	-	-	-	-	-	283	190	47	84	68.7	50.9	50.8	45	57	12	-	-	-	-	-	-	-	-	-	266	26.6	21.8	69	180	160	12	-	27	-	-	40	480	3	60	X	-	FMS	3487	NOTE 3.
ER-2				5200	-	-	1	3.68	(2) 3	3427	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
AH-3	TRANE	CSAA014	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	7800	2865	780	1.8	11.7	(2) 7.5	3052	-	-	-	-	-	-	-	-	-	-	-	-	-	364	267	60.5	81.8	66.4	50.7	50.6	45	57	12	-	-	-	-	-	-	-	-	-	403	40.3	30.4	78.1	180	160	12	-	36	-	-	50	480	3	60	X	-	FMS	4341	NOTE 3.
ER-3				7800	-	-	1	4.48	(2) 3	2254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
AH-4	TRANE	CSAA021	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - SZVAV	11415	2815	-	1.5	15.8	(2) 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	406	304	67.4	78.9	65.6	54.6	53.8	45	57	12	-	-	743	74.1	30	90	180	160	12	-	-	-	-	-	-	-	-	48	-	-	70	480	3	60	X	-	FMS	5051	NOTE 3.
ER-4				11415	-	-	0.75	8.49	(2) 5	2202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
AH-5	TRANE	CSAA017	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - SZVAV	8200	1495	-	1.5	10.4	(2) 7.5	2925	-	-	-	-	-	-	-	-	-	-	-	-	-	250	206	41.5	77.8	64.7	54.9	54.5	45	57	12	-	-	534	53.2	30	90	180	160	12	-	-	-	-	-	-	-	-	36	-	-	50	480	3	60	X	-	FMS	4209	NOTE 3.
ER-5				8200	-	-	0.75	4.66	(2) 3	2301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
AH-6	TRANE	CSAA010	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	4950	2760	500	1.8	6.47	(2) 5	3980	-	-	-	-	-	-	-	-	-	-	-	-	-	273	185	45.4	84.9	68.9	50.9	50.8	45	57	12	-	-	-	-	-	-	-	-	-	262	26.1	30	78.8	180	160	12	-	27	-	-	40	480	3	60	X	-	FMS	3481	NOTE 3.
ER-6				4950	-	-	0.8	3.11	(2) 3	3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS	-	-
RT-1	TRANE	YCD480B4	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT	12000	6245	1000	2.2	12.6	15	738	458	333	77.8	64.9	52.6	52	95	MOD	750	600	60	107	MOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220	-	-	250	480	3	60	X	-	FMS	7426	NOTE 4.
RT-2	TRANE	YZD150F4RVE	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT	4575	800	-	1.75	3.15	2.75	818	146	126	79.4	63.7	53.9	52.6	95	MOD	350	280	70	126	MOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	45	480	3	60	X	-	FMS	3060	NOTE 5.
UV	ENGINEERED AIR	EUV-1200	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1200	-	-	-	-	1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.2	31.1	9.0	80	67	56.0	55.3	44	54	5	-	-	64.6	6.6	40	89.9	160	140	5	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	X	-	FMS	590	NOTE 6.
UV	ENGINEERED AIR	EUV-1400	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1400	-	-	-	-	3/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.4	36.6	10.0	80	67	55.8	55.1	44	54	5	-	-	79.9	8.0	40	93	160	140	5	-	-	-	-	-	-	-	3/4	-	-	-	-	120	1	60	X	-	FMS	645	NOTE 6.
UV	ENGINEERED AIR	EUV-1600	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1600	-	-	-	-	3/4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.9	43	12.0	80	67	55.1	54.4	44	54	5	-	-	107	10.8	40	94.9	160	140	5	-	-	-	-	-	-	-	3/4	-	-	-	-	120	1	60	X	-	FMS	700	NOTE 6.
FC-1	TRANE	BCHD036	HORIZONTAL CONCEALED CEILING MOUNTED FAN COIL	1245	160	-	0.4	0.7	1	1459	-	-	-	-	-	-	-	-	-	-	-	-	-	43.2	36	7.2	78.1	63.6	51.8	51.6	45	57	5	-	-	53.3	3.6	60	99.4	180	150	5	-	-	-	-	-	-	-	-	9.7	-	-	15	208	1	60	X	-	FMS	245	NOTE 7.
FC-2	TRANE	FCCB100	HORIZONTAL CONCEALED CEILING MOUNTED FAN COIL	925	175	-	0.4	0.16	0.22	1574	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9	24.7	5.2	79.3	64.7	54.8	54.2	45	57	5	-	-	39.1	1.6	60	99	180	130	5	-	-	-	-	-	-	-	-	3.7	-	-	15	120	1	60	X	-	FMS	200	NOTE 7.
CH-1	TRANE	FFHB040	VERTICAL RECESSED MOUNTED CABINET HEATER	400	-	-	-	-	0.06	1163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.4	2.9	60	128	180	160	5	-	-	-	-	-	-	-	-	2.8	-	-	15	120	1	60	X	-	FMS	88	NOTE 8.
CH-2	TRANE	FFBB040	VERTICAL SURFACE MOUNTED CABINET HEATER	400	-	-	-	-	0.06	1134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.4	2.9	60	128	180	160	5	-	-	-	-	-	-	-	-	2.8	-	-	15	120	1	60	X	-	FMS	125	NOTE 9.
CH-3	TRANE	FFBB060	VERTICAL SURFACE MOUNTED CABINET HEATER	600	-	-	-	-	0.07	1067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.5	2	60	121	180	140	5	-	-	-	-	-	-	-	-	3.9	-	-	15	120	1	60	X	-	FMS	155	NOTE 9.
CH-4	TRANE	FFEB120	HORIZONTAL CEILING MOUNTED CABINET HEATER	1200	-	-	-	-	0.13	1211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.8	3.9	60	120	180	140	5	-	-	-	-	-	-	-	-	6.1	-	-	15	120	1	60	X	-	FMS	255	NOTE 10.
TEF-1	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	2080	-	-	0.6	0.56	1	1174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-2	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	360	-	-	0.5	0.06	1/4	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	FMS	60	NOTE 11.
TEF-3	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1930	-	-	0.63	0.53	1	1157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-4	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1250	-	-	0.6	0.31	1	994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-5	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1950	-	-	0.63	0.54	1	1162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-6	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1950	-	-	0.63	0.54	1	1162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-7	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	360	-	-	0.5	0.06	1/4	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	FMS	60	NOTE 11.
TEF-8	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1695	-	-	0.63	0.45	1	1104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-9	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1380	-	-	0.63	0.36	1	1038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-10	TWIN CITY	DCRD-120	ROOF MOUNTED TOILET EXHAUST FAN	570	-	-	0.5	0.1	1/2	1189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	X	-	FMS	70	NOTE 11.
TEF-11	TWIN CITY	T-250H	CEILING MOUNTED TOILET EXHAUST FAN	140	-	-	0.38	0.08	1/4	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	FMS	50	NOTE 11.
TEF-12	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1340	-	-	0.6	0.33	1	1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-13	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	260	-	-	0.5	0.05	1/4	1271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	FMS	60	NOTE 11.
TEF-14	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	1450	-	-	0.6	0.36	1	1033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	FMS	100	NOTE 11.
TEF-15	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	520	-	-	0.5	0.09	1/4	1416	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	FMS	60	NOTE 11.
TEF-16	TWIN CITY	DCRD-180	ROOF MOUNTED TOILET EXHAUST FAN	2770	-	-	0.7	0.76	1	1056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	.	-	120	1	60	X	-	FMS	120	NOTE 11.
TEF-17	TWIN CITY	T-300H	CEILING MOUNTED TOILET EXHAUST FAN	190	-	-	0.38	0.11	1/3	656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/3	-	-	.	-	120	1	60	X	-	FMS	60	NOTE 12.
TEF-18	TWIN CITY	T-300H	CEILING MOUNTED TOILET EXHAUST FAN	190	-	-	0.38	0.11	1/3	656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/3	-	-	.	-	120	1	60	X	-	FMS	60	NOTE 12.
TEF-19	TWIN CITY	T-200H	CEILING MOUNTED TOILET EXHAUST FAN	110	-	-	0.38	0.06	1/4	536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	.	-	120	1	60	X	-	FMS	50	NOTE 12.
HEF-1	TWIN CITY	DCRD-120	ROOF MOUNTED HOOD EXHAUST FAN	740	-	-	0.40	-	1/2	1169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	175	NOTE 13.
GEF-1	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-108)	1570	-	-	0.6	0.39	1	1059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-2	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-109)	1570	-	-	0.6	0.39	1	1059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-3	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI LAB C-113)	1700	-	-	0.6	0.43	1	1087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-4	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-115)	1700	-	-	0.6	0.43	1	1087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-5	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-113)	1640	-	-	0.63	0.51	1	1141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-6	TWIN CITY	DCRD-120	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-114)	790	-	-	0.6	0.16	1/2	1374	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	X	-	WALL SWITCH	100	NOTE 11.
GEF-7	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-115)	1660	-	-	0.63	0.44	1	1096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-8	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (ART D-131)	1995	-	-	0.6	0.53	1	1155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-9	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (STEM A-124)	1500	-	-	0.6	0.37	1	1044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-10	TWIN CITY	DCRD-095	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-129)	400	-	-	0.5	0.07	1/4	1344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	WALL SWITCH	125	NOTE 11.
GEF-11	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (ART H-118)	1980	-	-	0.6	0.53	1	1151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-12	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-122)	1800	-	-	0.6	0.47	1	1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-13	TWIN CITY	DCRD-095	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-123)	405	-	-	0.5	0.07	1/4	1347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	WALL SWITCH	150	NOTE 11.
GEF-14	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-120)	1620	-	-	0.6	0.41	1	1069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	WALL SWITCH	250	NOTE 11.
GEF-15	TWIN CITY	DCRD-085	ROOF MOUNTED GENERAL EXHAUST FAN (CLINIC F-125)	170	-	-	0.4	0.03	1/6	1145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	-	120	1	60	X	-	WALL SWITCH	125	NOTE 11.
GEF-16	TWIN CITY	DCRD-090	ROOF MOUNTED GENERAL EXHAUST FAN (CUST D-109)	220	-	-	0.5	0.05	1/6	1272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	-	120	1	60	X	-	WALL SWITCH	125	NOTE 11.
GEF-17	TWIN CITY	T-900	SUSPENDED GENERAL EXHAUST FAN w/INTEGRAL GRILLE	340	-	-	0.5	0.16	1/2	473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	X	-	REV ACT'G T-STAT	50	NOTE 12.
GEF-18	TWIN CITY	T-900	SUSPENDED GENERAL EXHAUST FAN w/INTEGRAL GRILLE	340	-	-	0.5	0.16	1/2	473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	X	-	REV ACT'G T-STAT	50	NOTE 12.
GEF-19	TWIN CITY	T-1500	SUSPENDED GENERAL EXHAUST FAN w/INTEGRAL GRILLE	630	-	-	0.5	0.23	3/4	686	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	-	120	1	60	X	-	REV ACT'G T-STAT	50	NOTE 12.
GEF-20	TWIN CITY	DCRD-095	ROOF MOUNTED GENERAL EXHAUST FAN (E-123)	530	-	-	0.38	0.07	1/4	1279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	X	-	INTERL'CK TO AH-6	150	NOTE 11.
GEF-21	TWIN CITY	DCRD-140	ROOF MOUNTED GENERAL EXHAUST FAN (E-122)	870	-	-	0.38	0.11	3/4	937	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	-	120	1	60	X	-	INTERL'CK TO AH-6	200	NOTE 11.
UH-1	VULCAN	HV-24	HOT WATER UNIT HEATER	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	1.8	60	100	180	160	5	-	-	-	-	-	-	-	-	0.8	-	-	15	120	1	60	X	-	FMS	65	NOTE 14

AD-1

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SEE SHEET M-502 FOR MECHANICAL NOTES

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
MECHANICAL SCHEDULE

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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SHEET
M-501

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MECHANICAL SCHEDULE NOTES

NOTE 1:
PROVIDE WITH:
- ROOF SUPPORTS
- RAILS
- VIBRATION ISOLATORS
- SOUND ATTENUATION KIT

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 2:
PROVIDE WITH:
- COMBUSTION AIR INTAKE DAMPER

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 3:
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 4:
PROVIDE WITH:
- DX COOLING CAPACITIES INDICATED BASED ON A TOTAL EQUIVALENT COOLING FROM A COMBINATION OF DX SECTION & ERV COOLING
- INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS
- FEEDBACK SIGNAL W/ IECC 2015 COMPLIANT LOW LEAK ECONOMIZER DAMPER
- DIGITAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS
- S/A & POW EXH DIRECT DRIVE FANS W/VFD,
- NON-FUSED DISCONNECT SWITCH
- SHORT CIRCUIT RATING 35 K
- PHASE & BROWN-OUT PROTECTION
- HINGED ACCESS DOORS
- VIBRATION ISOLATION CURB W/ HUSHCORE DECK DS-52 ACOUSTICAL TREATMENT.
- POWERED EXHAUST FAN W/BLDG PRESSURIZATION CONTROL,
- ENERGY RECOVERY WHEEL W/DEFROST & ECONOMIZER BYPASS - SEE HEAT RECOVERY SCHEDULE
- STAINLESS STEEL HEAT EXCHANGER
- MODULATING GAS W/HIGH TURNDOWN (SEE SCHEDULE)
- FLUE DEFLECTOR
- METAL MESH OUTSIDE AIR INTAKE HOOD FILTER
- CONDENSER FAN W/VFD W/HEAD PRESSURE CONTROL & SITE GLASS
- VAV HEATING & COOLING
- HAIL CONDENSER COIL GUARD PROTECTION
- FILTERS: ERV(OAI) - 2" 30%, ERV(EXH) - 2" 30%, EVAPORATOR - 4" MERV 13
- R/A MOUNTED CO2 SENSOR FOR DEMAND CONTROL VENTILATION

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 5:
PROVIDE WITH:
- INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS
- FEEDBACK SIGNAL W/ IECC 2015 COMPLIANT LOW LEAK ECONOMIZER DAMPER,
- DIGITAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS
- S/A & POW EXH DIRECT DRIVE FANS W/VFD,
- NON-FUSED DISCONNECT SWITCH
- SHORT CIRCUIT RATING 35 K
- PHASE & BROWN-OUT PROTECTION
- HINGED ACCESS DOORS
- VIBRATION ISOLATION CURB W/ HUSHCORE DECK DS-52 ACOUSTICAL TREATMENT.
- POWERED EXHAUST FAN W/BLDG PRESSURIZATION CONTROL,
- STAINLESS STEEL HEAT EXCHANGER
- MODULATING GAS W/HIGH TURNDOWN (SEE SCHEDULE)
- FLUE DEFLECTOR
- METAL MESH OUTSIDE AIR INTAKE HOOD FILTER
- CONDENSER FAN W/VFD W/HEAD PRESSURE CONTROL & SITE GLASS
- VAV HEATING & COOLING
- HAIL CONDENSER COIL GUARD PROTECTION
- FILTERS: 4" MERV 13 & 2" MERV 8
- R/A MOUNTED CO2 SENSOR FOR DEMAND CONTROL VENTILATION

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 6:
PROVIDE WITH:
- INTEGRATED ENTHALPY ECONOMIZER
- DISCONNECT SWITCH
- FACE/BYPASS DAMPER
- FILTERS

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 7:
PROVIDE WITH:
- DISCONNECT SWITCH
- VIBRATION ISOLATION HANGERS
- TERMINAL STRIPS FOR DDC READY

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 8:
PROVIDE WITH:
- INTEGRAL THERMOSTAT
- DISCONNECT SWITCH
- WALL MOUNTING KIT

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 9:
PROVIDE WITH:
- INTEGRAL THERMOSTAT
- DISCONNECT SWITCH

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 10:
PROVIDE WITH:
- VIBRATION ISOLATION HANGERS
- INTEGRAL THERMOSTAT
- DISCONNECT SWITCH

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 11:
PROVIDE WITH:
- PROVIDE WITH DISCONNECT SWITCH
- ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER
- MOTORIZED DAMPER
- BIRD SCREEN
- ROOF CURB

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 12:
PROVIDE WITH:
- BUILT-IN BACKDRAFT DAMPER
- INTEGRAL METAL GRILLE
- VIBRATION ISOLATION HANGERS

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 13:
PROVIDE WITH:
- DISCONNECT SWITCH
- MOTORIZED BACKDRAFT DAMPER
- BIRD SCREEN, ROOF CURB
- HERESITE COATING

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

AD-5

NOTE 14:
PROVIDE WITH:
- VIBRATION ISOLATION HANGERS

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA HP	RPM	VOLT	PHASE	HZ.	STARTER: MC.	EC.	SUCTION/ DISCHARGE SIZE	REMARKS
BP-1	BELL & GOSSETT	SERIES 80: 4x4x7B	HOT WATER BOILER RECIRC PUMP (EX BOILER)	270	20	3	1750	480	3	60	X	-	4" / 4"	-
BP-2	BELL & GOSSETT	SERIES 80: 4x4x7B	HOT WATER BOILER RECIRC PUMP (EX BOILER)	270	20	3	1750	480	3	60	X	-	4" / 4"	-
BP-3	BELL & GOSSETT	SERIES 80: 3x3x7C	HOT WATER BOILER RECIRCUALTION PUMP (B-3)	236	20	2	1750	480	3	60	X	-	3" / 3"	-
HWP-1	BELL & GOSSETT	SERIES 1510: 3EB	HOT WATER DISTRIBUTION PUMP	388	95	15	1750	480	3	60	X	-	4" / 3"	HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 776 GPM AT 95 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL & GOSSETT	SERIES 1510: 3EB	HOT WATER DISTRIBUTION PUMP	388	95	15	1750	480	3	60	X	-	4" / 3"	
CP-1	BELL & GOSSETT	SERIES 1510: 5A	CHILLED WATER RECICULATION PUMP (C-1)	357	30	7 1/2	1750	480	3	60	X	-	6" / 5"	-
CP-2	BELL & GOSSETT	SERIES 1510: 5A	CHILLED WATER RECICULATION PUMP (C-2)	357	30	7 1/2	1750	480	3	60	X	-	6" / 5"	-
CWP-1	BELL & GOSSETT	SERIES 1510: 4EB	CHILLED WATER DISTRIBUTION PUMP	357	90	20	1750	480	3	60	X	-	5" / 4"	CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 714 GPM AT 90 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL & GOSSETT	SERIES 1510: 4EB	CHILLED WATER DISTRIBUTION PUMP	357	90	20	1750	480	3	60	X	-	5" / 4"	

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
A3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A5	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A8	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A9	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A10	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
C4	NAILOR	6200-OA	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	ALUMINUM CONSTRUCTION
E2	NAILOR	61DH-O	SUPPLY CEILING REGISTER	DOUBLE DEFLECTION	SURFACE MOUNTED	SEE PLANS	O.B.D.	HORIZONTAL FRONT BARS, VERTICAL BACK BARS
J4	NAILOR	6550-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
K1	NAILOR	61DHC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE PLANS	VOLUME DAMPER	MILL FINISH
L4	NAILOR	5015	CONTINUOUS 1½" SLOT LINEAR SA DIFFUSER	ADJ. PATTERN CONTROLLER	SURFACE MOUNT W/ GYP.BD MTG. FRAME	SEE PLAN FOR #SLOTS/LGTH	NONE	NARROW FLANGE, END CAPS. WHITE FRAME AND WHITE INTERIOR FINISH.
L9	NAILOR	5015R	CONTINUOUS 1½" SLOT LINEAR R/A DIFFUSER	NO PATTERN CONTROLLER	SURFACE MOUNT W/ GYP.BD MTG. FRAME	SEE PLAN FOR #SLOTS/LGTH	NONE	NARROW FLANGE, END CAPS. WHITE FRAME AND WHITE INTERIOR FINISH.
R1	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	-
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
R3	NAILOR	5145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	ALUMINUM CONSTRUCTION
T1	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	-
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-
T3	NAILOR	5145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	ALUMINUM CONSTRUCTION
T8	NAILOR	6145H-HD	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	HEAVY DUTY GRILLE

• ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED

NATURAL GAS CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
RT-1	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-VAV	ROOF	750	-
RT-2	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-VAV	ROOF	350	-
-	EXISTING GAS FIRED BOILER (14-28" w.c)	MECH ROOM-E103	3000	-
-	EXISTING GAS FIRED BOILER (14-28" w.c)	MECH ROOM-E103	3000	-
B-3	GAS FIRED HOT WATER BOILER (8"-14" w.c)	MECH ROOM-E103	2500	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	152	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	304	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	304	- AD-5
-	ROOF MOUNTED MAKE-UP AIR UNIT	ROOF OF KITCHEN E135	368	-
WH-1	GAS FIRED WATER HEATER	MECH ROOM-E124	400	-
WH-2	GAS FIRED WATER HEATER	MECH ROOM-E124	400	-
-	EXISTING MISC. GAS LOAD	-	200	ESTIMATED
-	EXISTING EMERGENCY GENERATOR	-	1965	-
-	ALTERNATE - NEW EMERGENCY GENERATOR (7"-11" w.c)	-	2983	ALTERNATE
		TOTAL	13693	CFH @ 5 PSI
	ALTERNATE	TOTAL	14711	CFH @ 5 PSI

DUCTWORK INSULATION/LINING SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INSULATION REQUIREMENTS

DUCTWORK TYPE	INSULATION TYPE: CONCEALED	EXPOSED	
SUPPLY AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL	
OUTSIDE AIR DUCTWORK			
RECTANGULAR	1½" WRAP	1½" WRAP	
ROUND	1½" WRAP	1½" WRAP OR PERFORATED DOUBLE WALL	
RETURN AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	PERFORATED DOUBLE WALL	PERFORATED DOUBLE WALL	
TRANSFER AIR DUCTWORK	½" LINER	½" LINER	
DOAS SUPPLY AIR DUCTWORK			
RECTANGULAR	1½" LINER	1½" LINER	
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL	
DOAS EXHAUST DUCTWORK			
RECTANGULAR	1½" LINER, WITHIN 30'-0" OF UNIT	1½" LINER, WITHIN 30'-0" OF UNIT	
ROUND	PERFORATED DOUBLE WALL, WITHIN 30'-0" OF UNIT	PERFORATED DOUBLE WALL, WITHIN 30'-0" OF UNIT	
VAV & FAN-POWERED BOXES			
INLET COLLAR	1½" WRAP	1½" WRAP	
HOT WATER REHEAT COIL	1½" WRAP	1½" WRAP	
EXHAUST DUCTWORK			
WITHIN 10'-0" OF EXHAUST FAN	½" LINER	½" LINER	

NOTE 1: ROUND DUCT SUPPLYING ONE DIFFUSER AND MORE THAN 30'-0" FROM UNIT

HEAT RECOVERY SCHEDULE

UNIT TAG	MIXED SUPPLY AIR CFM	SUMMER DB	WB		WINTER DB	WB		RETURN AIR CFM	SUMMER DB	WB		WINTER DB	WB		EXHAUST AIR CFM	SUMMER DB	WB		WINTER DB	WB		OUTSIDE AIR CFM	SUMMER DB	WB		WINTER DB	WB		HEAT WHEEL DISCHARGE CFM	SUMMER DB	WB		WINTER DB	WB		REMARKS
RT-1	12,000	52.7	52.0	F	106.5		F	6,556	75	63	F	70	53	F	6,556	89.3	71.8	F	12.0	11.3	F	6,556	95	75	F	-10	-11	F	6,556	80.3	66.7	F	46.3	36.9	F	-

INTAKE/RELIEF HOOD SCHEDULE

TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
IH-1	ACME	#TIV	SEE PLANS	OUTSIDE AIR INTAKE HOOD FOR FC'S AND AH'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.
RH-1	ACME	#TIV	SEE PLANS	RELIEF AIR HOOD FOR UV'S AND FC'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, BAROMETRIC RELIEF DAMPER AND 18" HIGH ROOF CURB.
RH-2	ACME	#TEV	SEE PLANS	EXHAUST/RELIEF AIR HOOD FOR AH'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.

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PROJECT
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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
MECHANICAL SCHEDULES AND NOTES

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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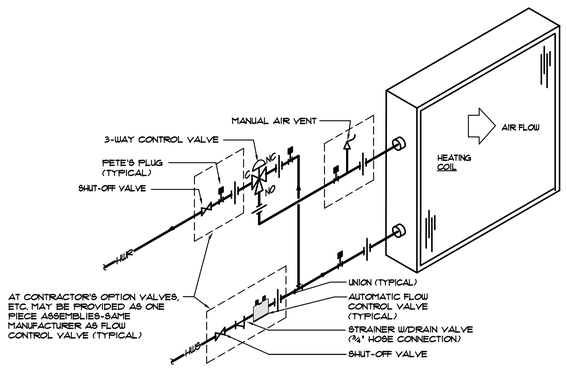
HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR HEATING COILS @ VAV BOX w/HW REHEAT UNITS & UNIT VENTILATORS W/ 3-WAY CONTROL VALVE.

AD-5

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.



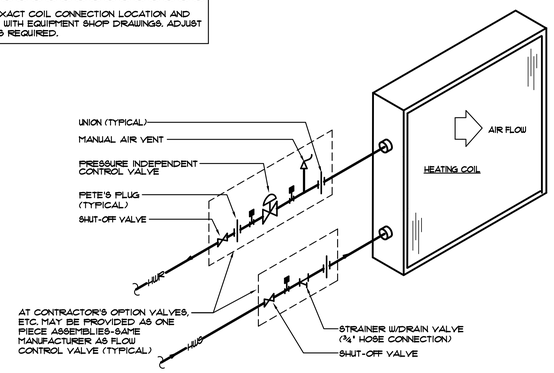
HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR HEATING COILS @ VAV BOX, UNIT VENTILATORS, FAN COILS & UNIT HEATERS w/HW REHEAT UNITS W/ 2-WAY CONTROL VALVE.

AD-5

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

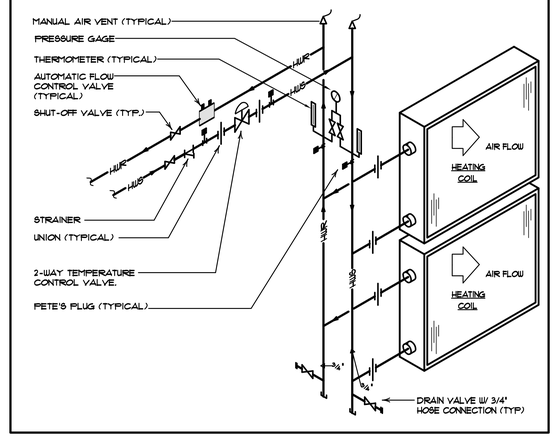


HOT WATER HEATING COIL PIPING DIAGRAM

SCHEMATIC ONLY

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

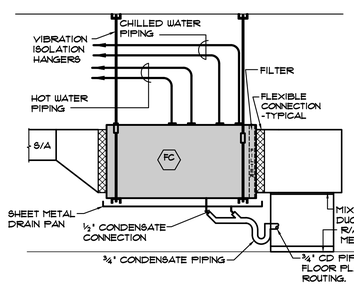
TYPICAL FOR HEATING COIL @ AIR HANDING UNIT.



FAN COIL CONNECTION DETAIL

(N.T.S.)

NOTES:
- DETAIL TYPICAL FOR ALL FAN COIL UNITS
- VERIFY ALL SIZES ON PLANS AND WITH ACTUAL EQUIPMENT PROVIDED.

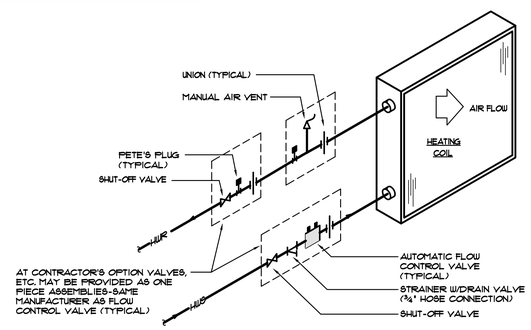


HOT WATER HEATING COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR CABINET HEATERS.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

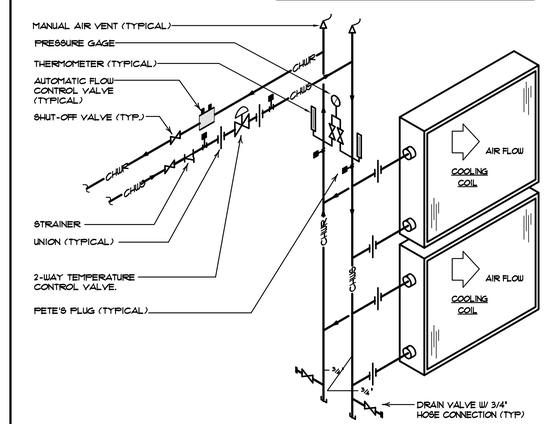


CHILLED WATER COOLING COIL PIPING DIAGRAM

SCHEMATIC ONLY

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

TYPICAL FOR CHILLED WATER COOLING COIL @ AIR HANDING UNIT.



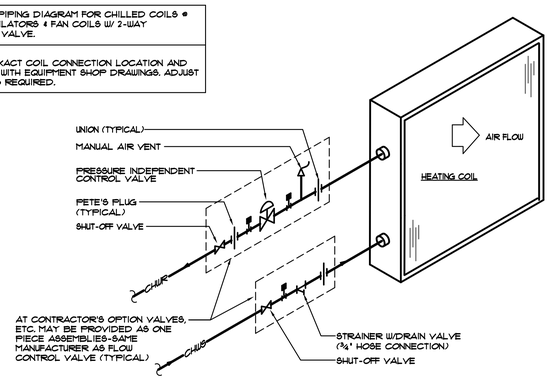
AD-5

CHILLED WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR CHILLED COILS @ UNIT VENTILATORS & FAN COILS W/ 2-WAY CONTROL VALVE.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

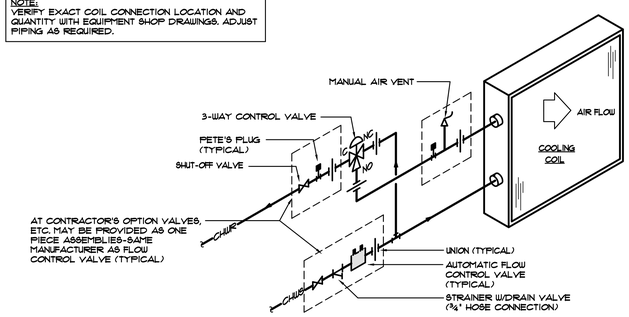


CHILLED WATER COOLING COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR CHILLED COILS @ UNIT VENTILATORS W/ 3-WAY CONTROL VALVE.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.



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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY KS
CHECKED BY DJ

DAVID G. JANNETT
REGISTERED NO. 10302590
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REVISIONS

MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
MECHANICAL DIAGRAMS & DETAILS

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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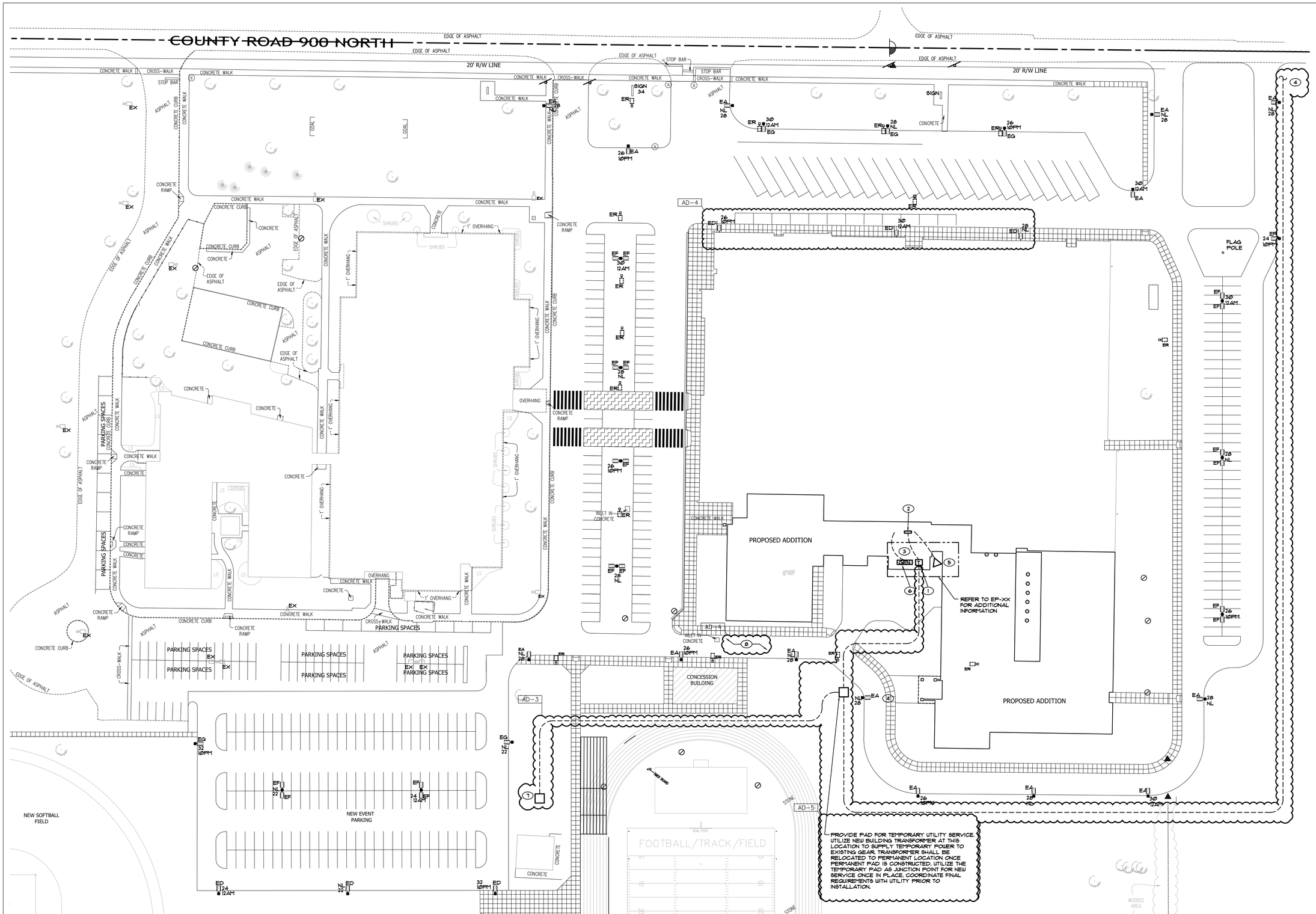

PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.
2. EXACT ROUTING OF THE SECONDARY FEEDERS FROM THE TRANSFORMER TO THE SWITCHBOARD SHALL BE VERIFIED WITH AHJ FOR ACCEPTABILITY PRIOR TO INSTALLATION.
3. VERIFY EXACT LOCATION OF THE METER AND CT CABINET WITH THE UTILITY COMPANY.
4. SITE LIGHTING CONDUCTORS SHALL BE #8 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.
5. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA TIME CLOCK, CONTACTORS AND PHOTOCELL.
6. REFER TO SITE LIGHTING POLE AND FLOOD LIGHT DETAILS FOR ADDITIONAL INFORMATION.
7. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
8. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE EXACT LAYOUT OF TRANSFORMER, METERING EQUIPMENT AND GENERATOR IN OUTDOOR YARD WITH ARCHITECT AND MECHANICAL CONTRACTOR NO LATER THAN 14 DAYS AFTER CONTRACT AWARD AND PRIOR TO ORDERING OF ANY EQUIPMENT.
9. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.

SHEET NOTES

1. UTILITY COMPANY PAD MOUNTED SERVICE TRANSFORMER FURNISH AND INSTALL TRANSFORMER PAD PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS, INCLUDING GROUNDING, PAD SIZE, ETC.
2. APPROXIMATE LOCATION OF MAIN SWITCH BOARD (MSUB), CT SECTION AND METER.
3. (AD-3) SECONDARY FEEDERS ROUTED FROM THE MSUB TO THE UTILITY TRANSFORMER. REFER TO THE TRENCH DETAIL AND THE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. PROVIDE TWO (2) 4" PVC CONDUITS TO UTILITY SERVICE POINT DETERMINED BY UTILITY COMPANY FOR PRIMARY SERVICE ENTRANCE CABLE. VERIFY LOCATION IN FIELD WITH UTILITY COMPANY PRIOR TO ROUGH-IN. CAREFULLY LOCATE ALL UNDERGROUND UTILITIES AND COORDINATE WORK TO AVOID ANY CONFLICTS. PROVIDE PULL BOXES AT LOCATIONS INDICATED BY THE UTILITY COMPANY. PULL BOX SHALL MATCH THE UTILITY COMPANY STANDARDS.
5. GROUND TRIAD. VERIFY EXACT LOCATION IN FIELD.
6. APPROXIMATE LOCATION OF EMERGENCY GENERATOR.
7. (AD-4) FUTURE UTILITY TRANSFORMER LOCATION. PROVIDE PRIMARY CONDUIT STUB-UP AND CAP FOR FUTURE UTILITY PAD. VERIFY EXACT LOCATION AND REQUIREMENTS WITH UTILITY COMPANY PRIOR TO ROUGH-IN.
8. CONTRACTOR TO REMOVE (4) FOUR CUSTOMER OWNED UTILITY POLES ORIGINALLY SERVING UTILITY BEING REMOVED. NEW UTILITY TO ROUTE UNDERGROUND IN NEW CONDUIT. COORDINATE WITH SITE AND LOW VOLTAGE TRADES AS REQUIRED PRIOR TO REMOVAL.

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY MS
CHECKED BY DJ

REGISTERED DAVID G. JANICEK NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3
AD-4	05/18/22	ADDENDUM NO. 4
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
PARTIAL ELECTRICAL SITE PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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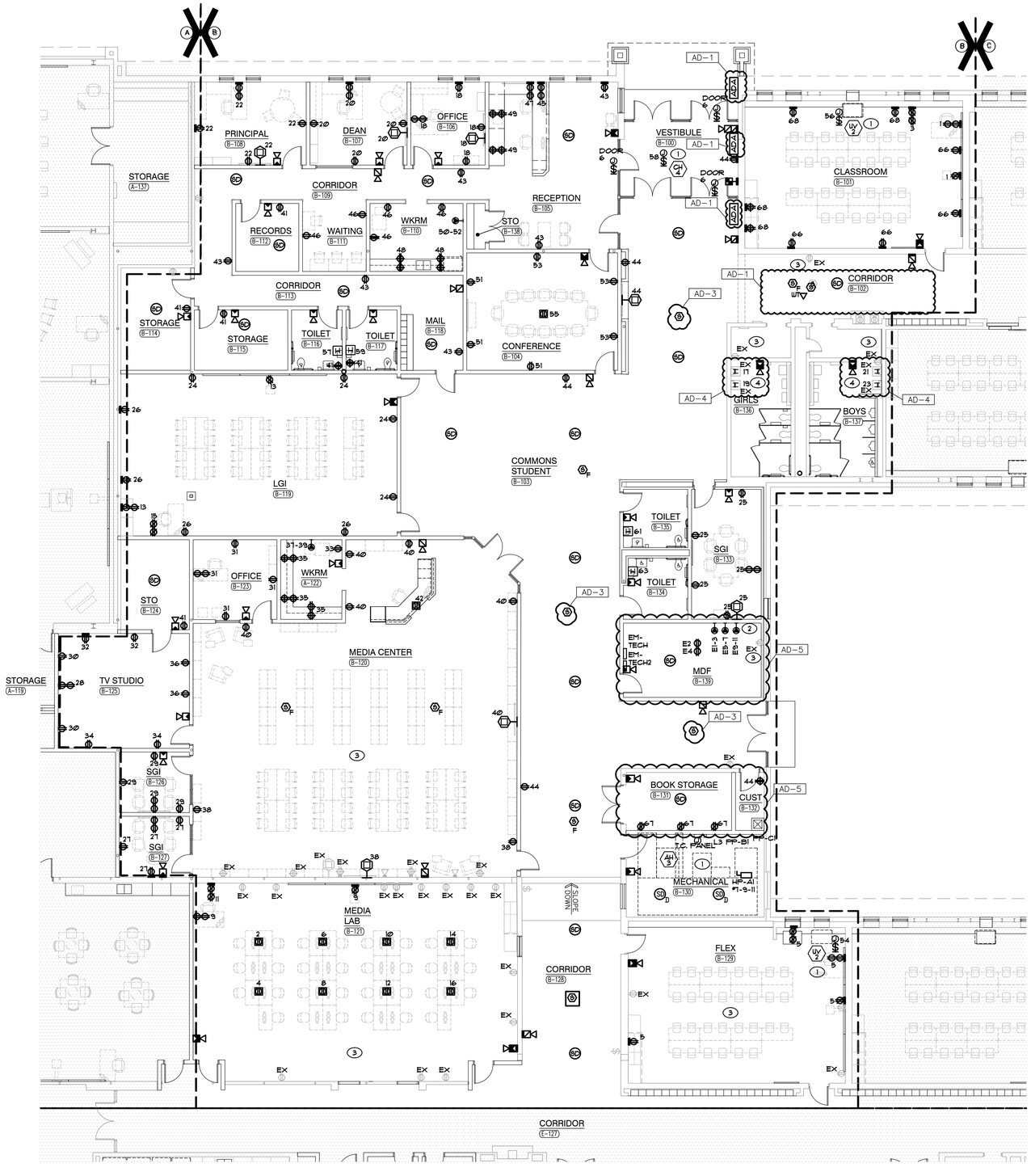

UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

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

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL FP-B1 UNLESS OTHERWISE NOTED.
2. REFER TO LOW VOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 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 RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. CIRCUIT ALL DEVICES WITH A 'E' PREFIX TO NEW PANEL EM-TECH1.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
3. RECONNECT EXISTING RECEPTACLES TO NEW NORMAL POWER BRANCH CIRCUITRY IN NEW PANELS INSTALLED COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING BRANCH CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN NEW PANEL AND EXTEND 2 #12 AND 1 #12 GRD IN ¾" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

AD-4

4. INSTALL EXISTING HAND DRYER(S) ORIGINALLY RETAINED DURING DEMOLITION. PROVIDE NEW CIRCUIT AS INDICATED

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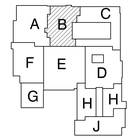

KEY PLAN

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY JC
DRAWN BY MS
CHECKED BY DJ

REGISTERED DAVID G. JANECEK NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD-1	05/05/22	ADDENDUM NO. 1
AD-3	05/12/22	ADDENDUM NO. 3
AD-4	05/18/22	ADDENDUM NO. 4
AD-5	05/23/22	ADDENDUM NO. 5

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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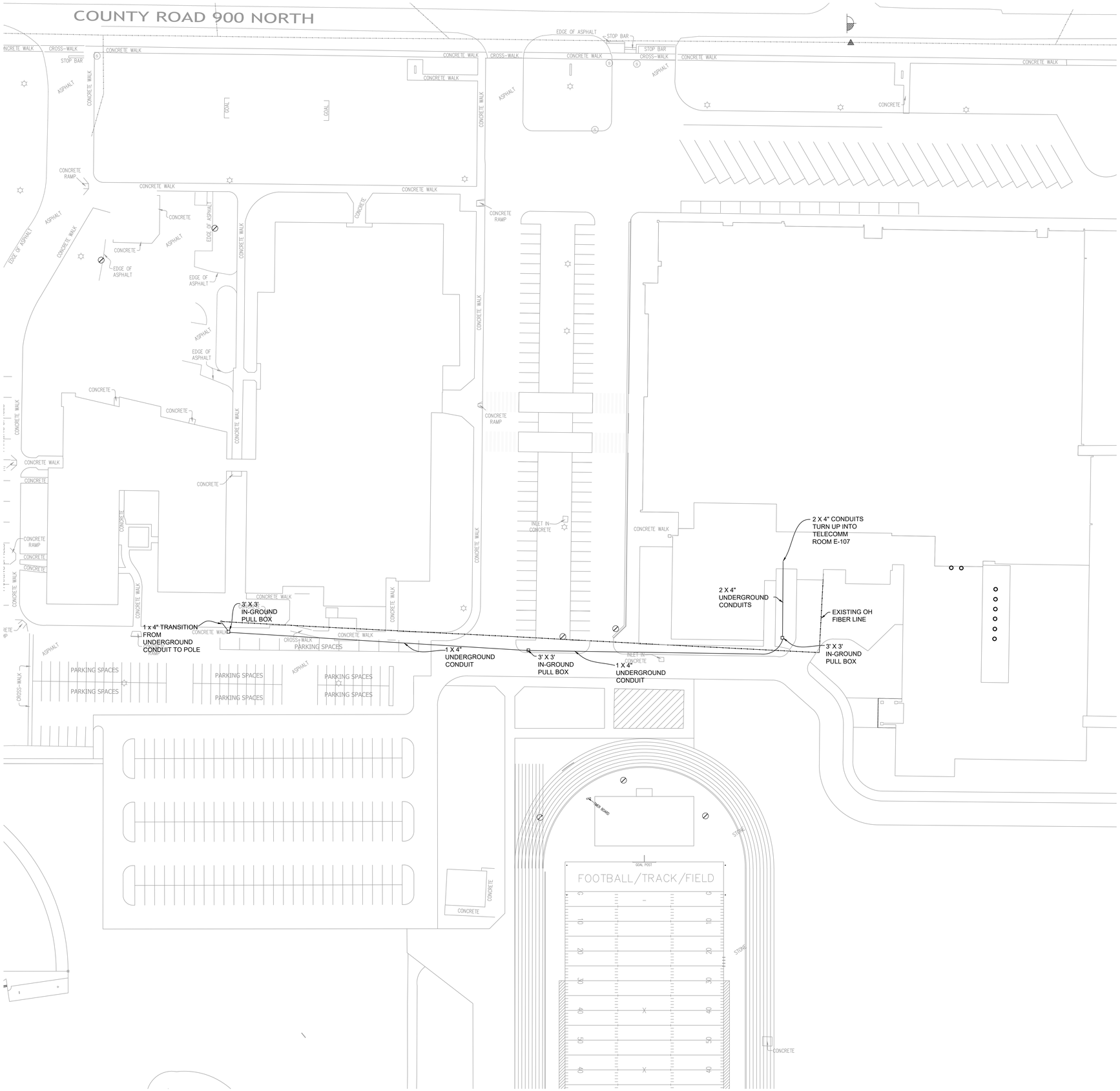

1 **TELECOMMUNICATIONS SITE PLAN**

SCALE: 1" = 40'-0"

SITE PLAN NOTES:

1. UNDERGROUND TELECOMMUNICATIONS PATHWAYS SHOWN ON THIS PLAN ARE TO BE PROVIDED AS PART OF THE CONSTRUCTION PROJECT
2. OUTSIDE PLANT CABLE RELOCATION FROM POLES INTO NEW UNDERGROUND CONDUITS WILL BE THE RESPONSIBILITY OF THE OWNER

AD-5

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PROJECT

LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

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PROJECT 21-139
DATE 04/25/22
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Brian K Scott
BICSI ID # 1140538
EXPIRES 12-31-24
RCDD

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MARK	DATE	ISSUED FOR
AD-03	5/12/22	ADDENDUM 3
AD-05	5/23/22	ADDENDUM 5

DRAWING
TELECOMMUNICATIONS SITE PLAN

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

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Friday, 5/20/2022 – 4:35 PM
D:\DROPBOX\DUNELAND SCHOOL CORPORATION\LIBERTY INTERMEDIATE SCHOOL\DRAWINGS\1-DRAWINGS\LIBERTY INTERMEDIATE SCHOOL TS100 TELECOMMUNICATIONS SITE PLAN AD1.DWG