

DOCUMENT 00 90 00
ADDENDUM

ADDENDUM: 1

DATE: APRIL 14, 2025

PROJECT: IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM RENOVATION
462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN 53554
PROJECT NO. 25007

FROM: HSR Associates, Inc
100 Milwaukee Street
La Crosse, WI 54603
(608) 784-1830

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated APRIL 2025. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: 3 PAGES, 0 DOCUMENTS, 0 SECTIONS, and 16 DRAWINGS.

CHANGES TO SPECIFICATIONS:

1. Section 08 71 00 Finish Hardware
 - a. See the narrative, immediately below, describing revisions to the section.
 - b. Remove Hardware Group #6. Hardware for door 180 will be provided by the Owner and installed by the Contractor.

CHANGES TO DRAWINGS

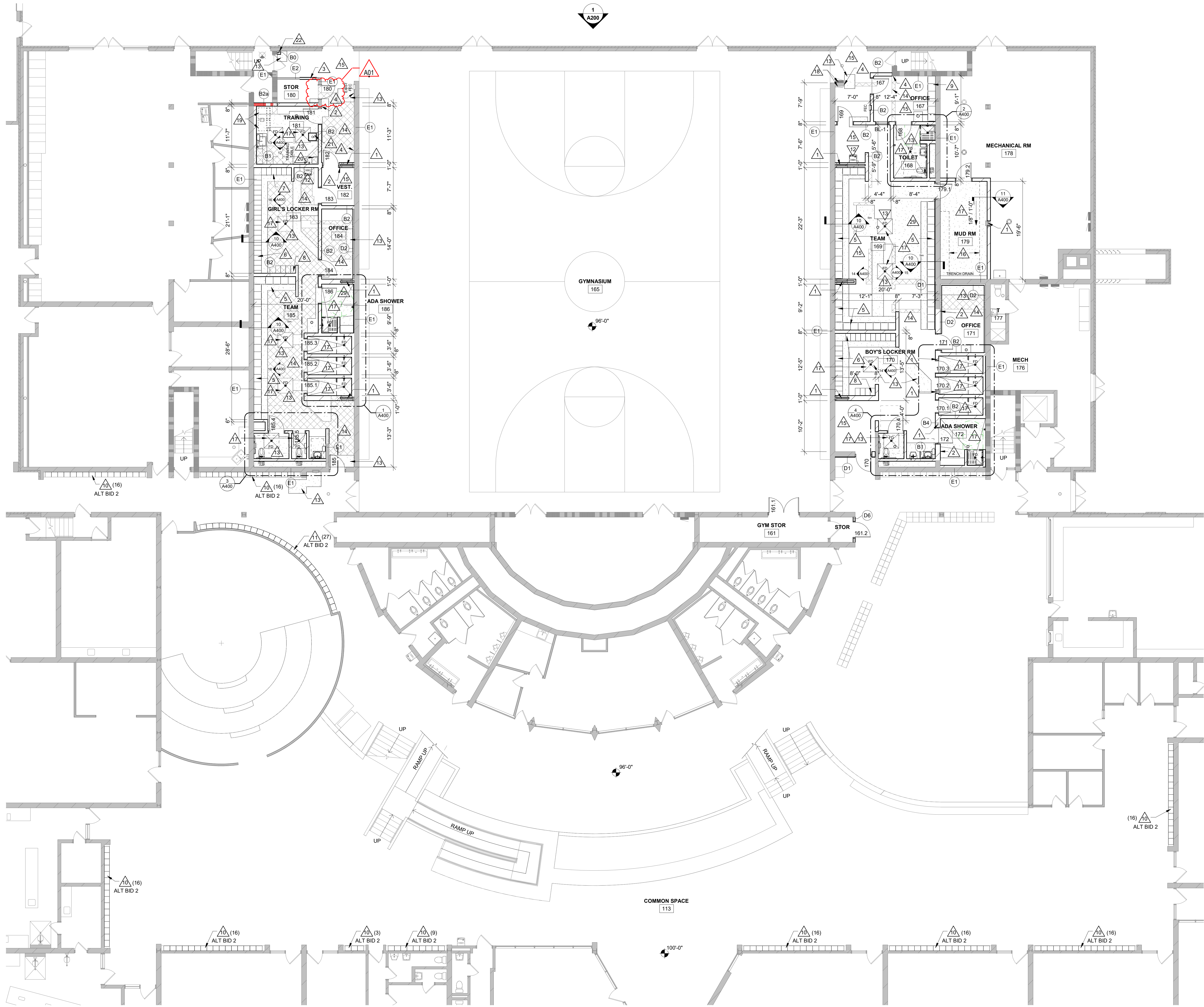
2. Sheet A100 FIRST FLOOR 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Reversed the orientation of door 180.
3. Sheet A101 PARTIAL SECOND FLOOR, ROOF PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Added beam size information to framing in weight room 216.
 - c. Relocated mechanical equipment penetrations through roof.
4. Sheet A110 REFLECTED CEILING PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise gypsum board soffit elevations and extents.
 - c. Remove suspended ceilings from room 170 & 185.

5. Sheet A400 ENLARGED PLANS, ELEVATIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise bench and soffit dimensions.
6. Sheet A600 WALL TYPES, DOOR SCHEDULE 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised dimensions, source of supply of door 180 including frame, door & door hardware.
7. Sheet P001 PLUMBING COVER SHEET 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise faucet in Plumbing Fixture Schedule for lavatory (L-1) to be Chicago Faucets 802-VE2805-765ABCP metering faucet.
8. Sheet PD100 FIRST FLOOR BG PLUMBING DEMO PLANS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise keyed note number for demolition instructions of existing drinking fountains.
9. Sheet PD101 FIRST FLOOR AG PLUMBING DEMO PLANS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise keyed note number for demolition instructions of existing drinking fountains.
10. Sheet MD101 FIRST FLOOR DUCTWORK DEMOLITION PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise to add thermostat/switch to demolition removed fan.
11. Sheet M101 FIRST FLOOR DUCTWORK PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise ductwork sizes and layout.
 - c. Revise grille locations for ERV-1 and ERV-2. Revise flows on ERV-2.
 - d. Relocate control panel for ERV-1 and AH-3 to first floor.
12. Sheet M102 SECOND FLOOR DUCTWORK PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise ERV-1 vertical ductwork location down through second level floor, offset from wall.
 - c. Control panel for ERV-1 and AH-3 moved to first floor.
13. Sheet M601 MECHANICAL SCHEDULES 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise ERV-2 supply/exhaust flow and exhaust external static pressure.
 - c. Revise CD-1 description and add note to RG-2 (Not Used).
14. Sheet E001 ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Add bell symbol.
15. Sheet E111 FIRST FLOOR LIGHTING PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise light layout.
 - c. Add light fixture.

16. Sheet E121 FIRST FLOOR POWER & SYSTEMS PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise location of control panel.
 - c. Add scoreboard repeaters.
17. Sheet E212 SECOND FLOOR ELECTRICAL PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revise location of control panel.
 - c. Demo / Add bell and speaker.

END OF DOCUMENT 00 90 00

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PLAN LEGEND:

— SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.

BL-X INDICATES BORROWED LITE WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

1 HOUR WALL

2 HOUR WALL

HATCH INDICATES NEW CONC FLOOR AT PLUMBING TRENCHES AND INFILL AT EXISTING RECESSED SHOWER AREAS. SEE 3/A200.

KEY NOTES PLAN

1 EXISTING COLUMN

2 ALIGN NEW WALL WITH EXISTING

3 INFILL AT REMOVED DOOR/OPENING - MATCH ADJACENT MASONRY

4 PATCH EXISTING WALL AT REMOVED PARTITION

5 1 TIER 18" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH

6 2 TIER 12" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH

7 3 TIER 12" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH

8 2 TIER 12" W. X 18" D. X 72" H. LOCKERS ON 4" H. CONC BASE

9 1 TIER 18" W. X 18" D. X 72" H. LOCKERS ON 4" H. CONC BASE

10 1 TIER 15" W. X 12" D. X 72" H. RECESSED LOCKERS ON EXISTING CONC. BASE. PROVIDE FILLER AND RECESS TRIM

11 1 TIER 15" W. X 12" D. X 72" H. RECESSED LOCKERS ON EXISTING CONC. BASE. PROVIDE FILLER, SALVAGE AND REUSE EXISTING CURVED TOP WOOD TRIM

12 ELECTRIC WATER COOLER - SEE PLUMBING

13 PATCH CONC FLOOR SLAB - SLAB THICKNESS TO MATCH EXISTING

14 HATCHED AREA INDICATED FLOOR PATCHING/INFILL REQUIRED AT REMOVED CMU PARTITIONS AND CERAMIC TILE FLOORING. PREP FOR NEW EPOXY FLOOR FINISH.

15 PREP EXISTING CONC FLOOR SLAB FOR NEW EPOXY FLOOR FINISH.

16 TWO ROWS HEAVY DUTY SHELVES - SEE SECTION 11/A400

17 SLOPE FLOOR TO DRAIN (MINIMUM 1/16" PER FOOT)

18 ELECTRICAL PANELS TO REMAIN

19 ICE MACHINE N.I.C.

20 HYDROCOLLATOR N.I.C.

21 UTILITY SINK - SEE PLUMBING

22 CONSTRUCT CMU CHASE AROUND EXISTING WATER PIPE. INSTALL VENTS HIGH AND LOW TO HELP WITH FREEZE PROTECTION.

23 CENTER CHASE WALLS AROUND NEW DUCTWORK

24 REMOVE EXISTING CHASE WALLS

25 STEEL BEAM MECHANICAL EQUIPMENT SUPPORT-VERIFY MOUNTING HEIGHT W/ MECHANICAL

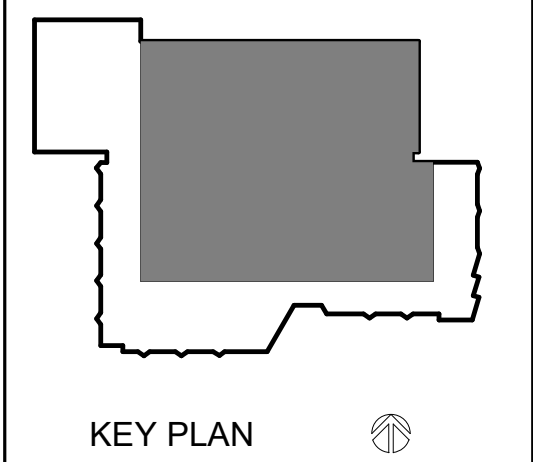
26 W/XXS CROSS BEAMS TO BRACE UNIT SUPPORTING BEAMS.

27 NEW MECHANICAL EQUIPMENT - SEE MECHANICAL

28 DUCT PENETRATION THROUGH EXISTING PRECAST PLANK FLOOR - SEE DETAIL 3/A101.

29 5" CONC FLOOR SLAB INFILL AT EXISTING RECESSED SHOWER AREA

30 PAINT NEW WALL AND NEW EXPOSED DUCTWORK AND PIPING IN THIS ROOM.



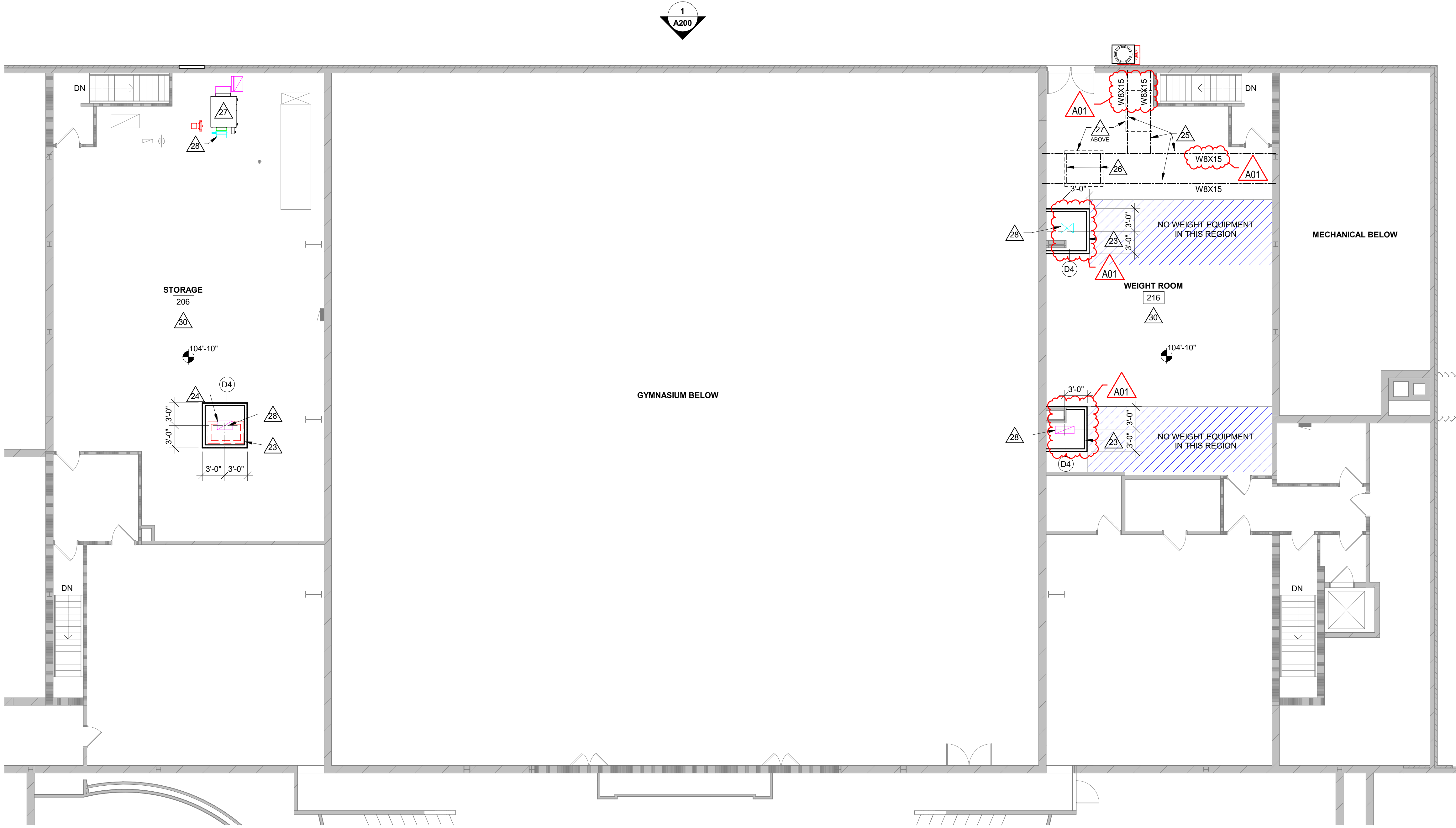
No.	Description	Date
A01	ADD 01	04.11.2025

Revisions:

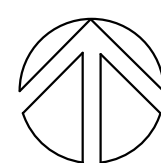
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4/10/2025 9:04:04 AM



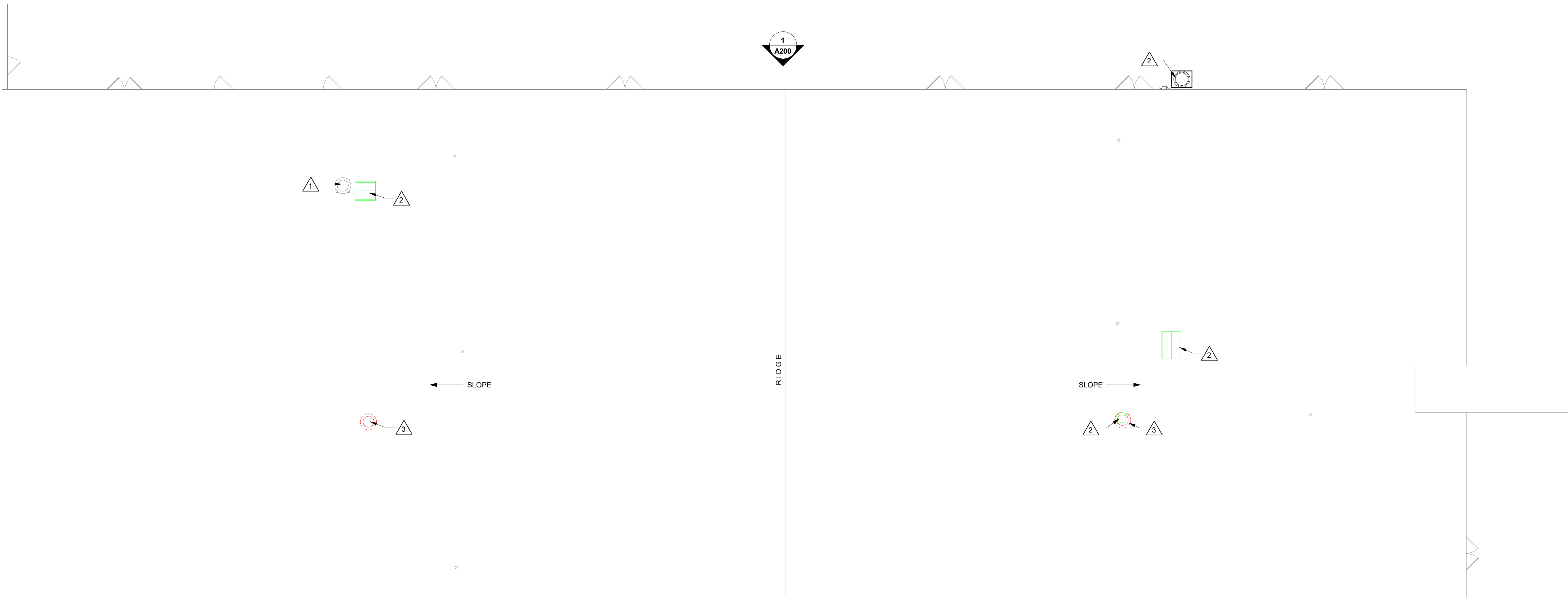
1 PARTIAL SECOND FLOOR PLAN
1/8" = 1'-0"



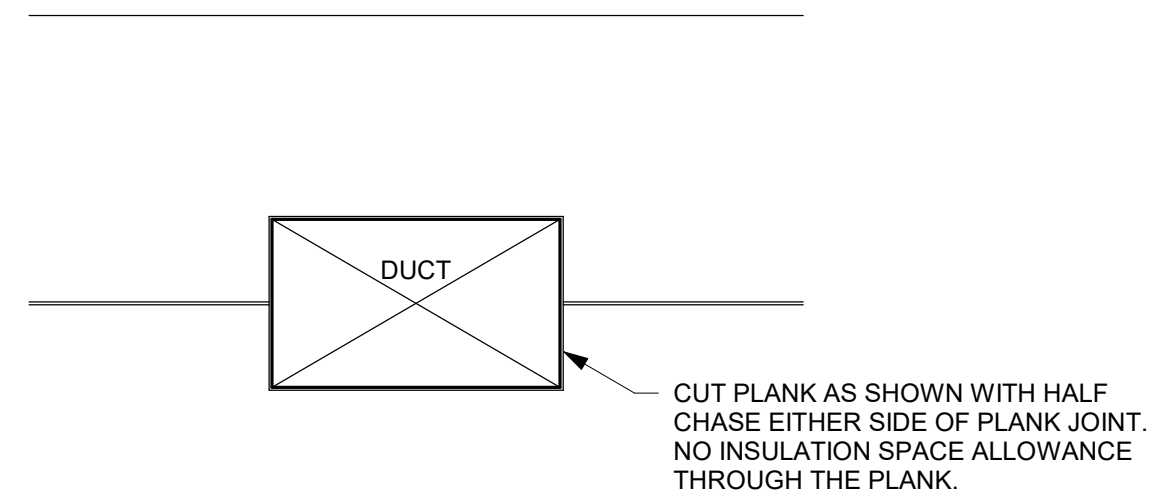
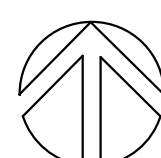
- PLAN GENERAL NOTES:**
- A. REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
 - B. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
 - C. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
 - D. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A400 FOR ALL EQUIPMENT NOTES.
 - E. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" : 12" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS.
 - F. PAINT ALL EXPOSED STEEL LINTELS.
 - G. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE.
 - H. INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
 - I. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
 - J. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT - VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
 - K. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.
 - L. CMU WALLS TO BE STACK BOND (TO MATCH EXISTING).

- PLAN LEGEND:**
- A. SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
 - BL-X INDICATES BORROWED LITE WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
 - △ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
 - 1 HOUR WALL
 - 2 HOUR WALL
 - HATCH INDICATES NEW CONC FLOOR AT PLUMBING TRENCHES AND INFILL AT EXISTING RECESSED SHOWER AREAS. SEE 3/A200.

- KEY NOTES PLAN**
- EXISTING COLUMN
 - ALIGN NEW WALL WITH EXISTING
 - INFILL AT REMOVED DOOR/OPENING - MATCH ADJACENT MASONRY
 - PATCH EXISTING WALL AT REMOVED PARTITION
 - 1 TIER 18" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH
 - 2 TIER 12" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH
 - 3 TIER 12" W. X 18" D. X 60" H. LOCKERS ON 1'-6" H. CONC BENCH
 - 2 TIER 12" W. X 18" D. X 72" H. LOCKERS ON 4" H. CONC BASE
 - 1 TIER 18" W. X 18" D. X 72" H. LOCKERS ON 4" H. CONC BASE
 - 1 TIER 15" W. X 12" D. X 72" H. RECESSED LOCKERS ON EXISTING CONC. BASE. PROVIDE FILLER AND RECESS TRIM
 - 1 TIER 15" W. X 12" D. X 72" H. RECESSED LOCKERS ON EXISTING CONC. BASE. PROVIDE FILLER. SALVAGE AND REUSE EXISTING CURVED TOP WOOD TRIM
 - ELECTRIC WATER COOLER - SEE PLUMBING
 - PATCH CONC FLOOR SLAB - SLAB THICKNESS TO MATCH EXISTING
 - HATCHED AREA INDICATED FLOOR PATCHING/INFILL REQUIRED AT REMOVED CMU PARTITIONS AND CERAMIC TILE FLOORING. PREP FOR NEW EPOXY FLOOR FINISH.
 - PREP EXISTING CONC FLOOR SLAB FOR NEW EPOXY FLOOR FINISH.
 - TWO ROWS HEAVY DUTY SHELVES - SEE SECTION 11/A400
 - SLOPE FLOOR TO DRAIN (MINIMUM 1/16" PER FOOT)
 - ELECTRICAL PANELS TO REMAIN
 - ICE MACHINE N.I.C.
 - HYDROCOLLATOR N.I.C.
 - UTILITY SINK - SEE PLUMBING
 - CONSTRUCT CMU CHASE AROUND EXISTING WATER PIPE. INSTALL VENTS HIGH AND LOW TO HELP WITH FREEZE PROTECTION.
 - CENTER CHASE WALLS AROUND NEW DUCTWORK
 - REMOVE EXISTING CHASE WALLS
 - STEEL BEAM MECHANICAL EQUIPMENT SUPPORT-VERIFY MOUNTING HEIGHT W/ MECHANICAL
 - WBX15 CROSS BEAMS TO BRACE UNIT SUPPORTING BEAMS.
 - NEW MECHANICAL EQUIPMENT - SEE MECHANICAL
 - DUCT PENETRATION THROUGH EXISTING PRECAST PLANK FLOOR - SEE DETAIL 3/A101.
 - 5" CONC FLOOR SLAB INFILL AT EXISTING RECESSED SHOWER AREA
 - PAINT NEW WALL AND NEW EXPOSED DUCTWORK AND PIPING IN THIS ROOM.



2 PARTIAL ROOF PLAN
1/8" = 1'-0"



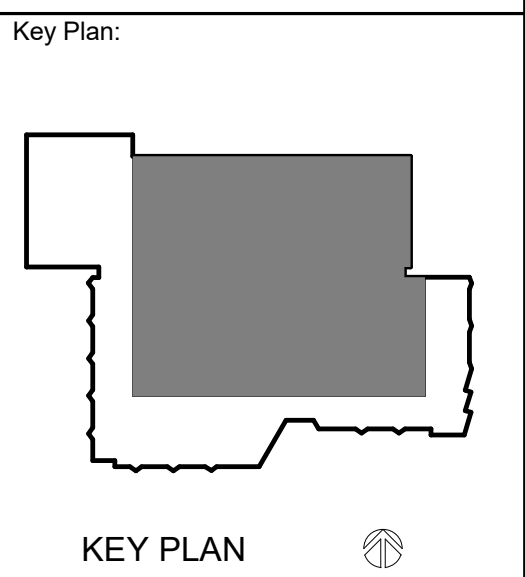
3 DUCT PENETRATION
3/4" = 1'-0"

- KEY NOTES ROOF**
- EXISTING MECHANICAL EQUIPMENT TO REMAIN.
 - NEW MECHANICAL EQUIPMENT - SEE MECHANICAL
 - MECHANICAL EQUIPMENT TO BE REMOVED - SEE MECHANICAL. INFILL ROOF DECK AND PATCH ROOF INSULATION AND MEMBRANE AS REQUIRED.

Consultant:

Project Title:
HSR Project Number:
Project Date:
Drawn By:
Key Plan:

25007
MARCH 2025
HSR



KEY PLAN

Revisions:		
No.	Description	Date
A01	ADD 01	04.11.2025

Graphic Scale:
0' 2' 4' 8' 12'

Last Update:
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RCP GENERAL NOTES:

A. SEE MECHANICAL FOR CEILING GRILLE INFORMATION.

B. SEE ELECTRICAL FOR LIGHTING TYPES.

C. ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYP/STUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING.

D. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL.

E. WHERE NO CEILING/EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL, OR PERPENDICULAR TO FINISHED STRUCTURE. WALLS IN THESE ROOMS TO RUN TO DECK AND ALL STRUCTURE / MEP COMPONENTS ARE TO BE PAINTED.

F. REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES.

G. HANGERS AND SUPPORTS, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.

H. CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER / MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT.

I. CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. ACT-1= SQUARE EDGE, ACT-3= VINYL FACED GYP, ACT-5= PVC

RCP LEGEND:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

□ LIGHT FIXTURE - SEE ELECTRICAL

□ LIGHT FIXTURE - SEE ELECTRICAL

○ LIGHT FIXTURE - SEE ELECTRICAL

⊙ EXIT LIGHT FIXTURE - SEE ELECTRICAL

⊙ EXIT LIGHT FIXTURE - SEE ELECTRICAL

⊙ LIGHT FIXTURE - SEE ELECTRICAL

⊙ OCCUPANCY SENSOR - SEE ELECTRICAL

⊙ SUPPLY - SEE MECHANICAL

⊙ RETURN - SEE MECHANICAL

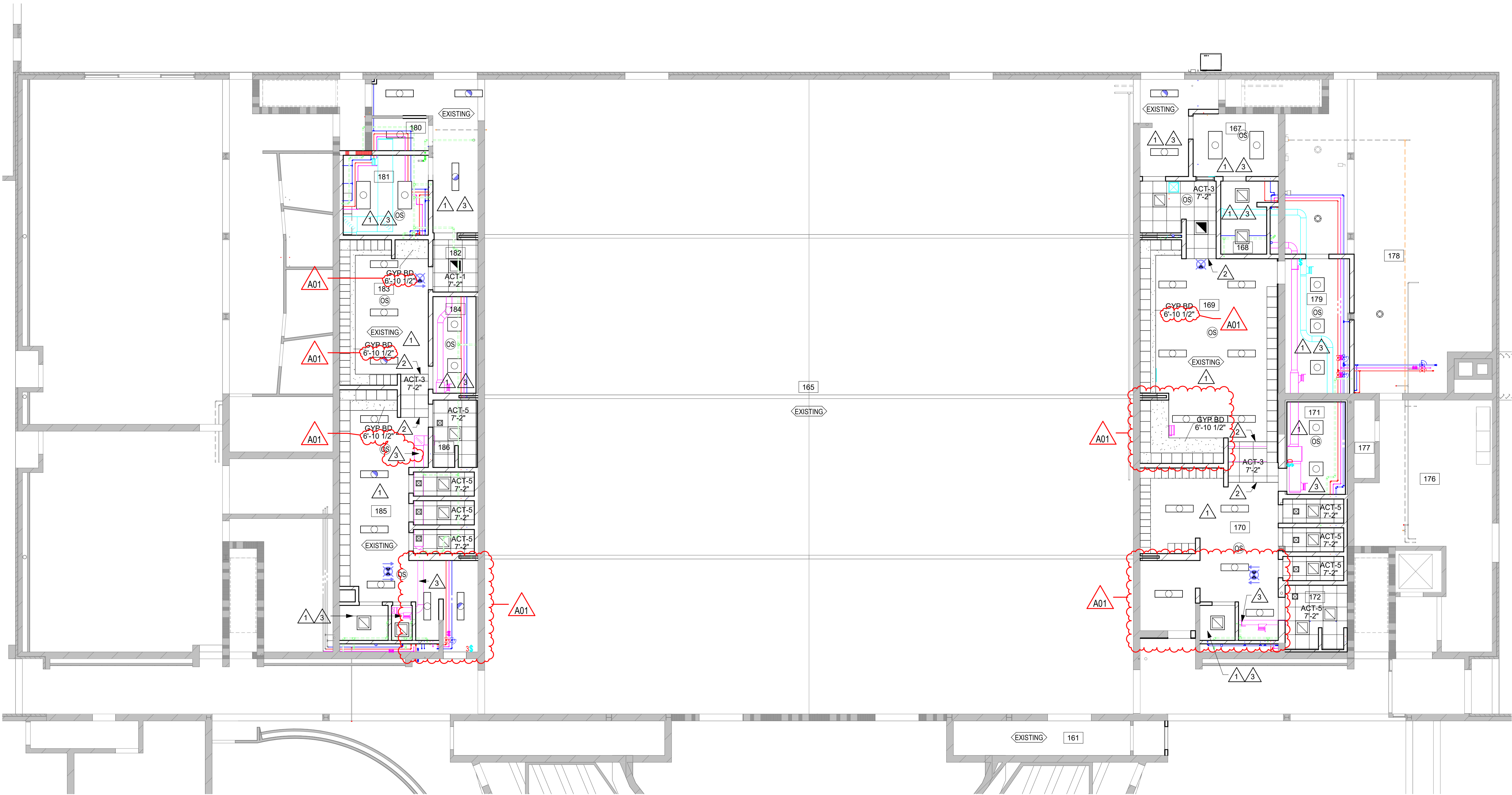
⊙ EXHAUST - SEE MECHANICAL

KEY NOTES RCP

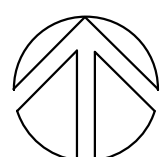
1 NO CEILING - EXPOSED STRUCTURE (PAINT PNT-1), SEE GENERAL NOTE E.

2 ACOUSTIC TILE 10" EXTENDED PERIMETER TRIM

3 PAINT EXPOSED DUCTWORK AND PIPING.



1 PARTIAL REFLECTED CEILING PLAN
1/8" = 1'-0"



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN



HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

**IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT
REFLECTED CEILING PLAN**

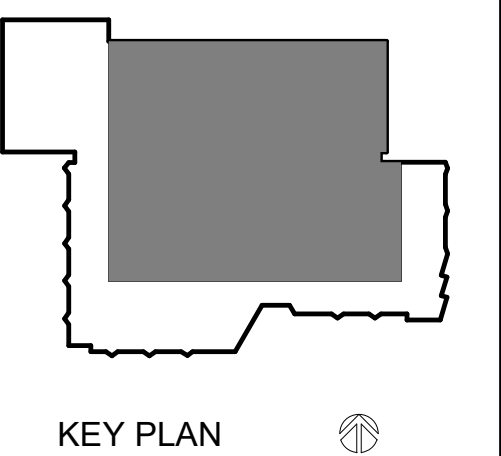
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LOCKER ROOM LAYOUT
Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN
Sheet Title: REFLECTED CEILING PLAN

HSR Project Number: 25007

Project Date: MARCH 2025

Drawn By: HSR

Key Plan:



KEY PLAN

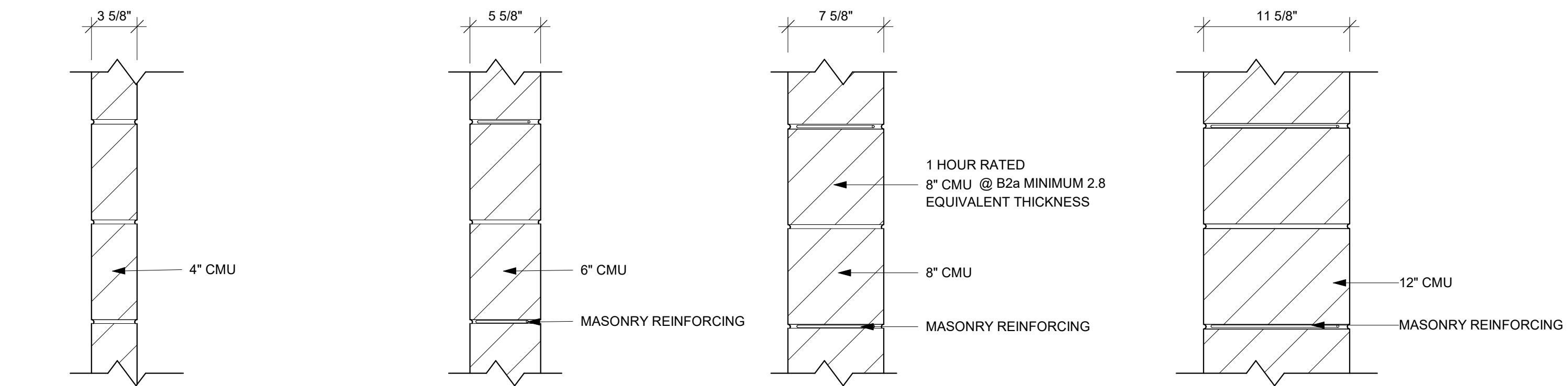
Revisions:

No.	Description	Date
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Last Update:
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A110

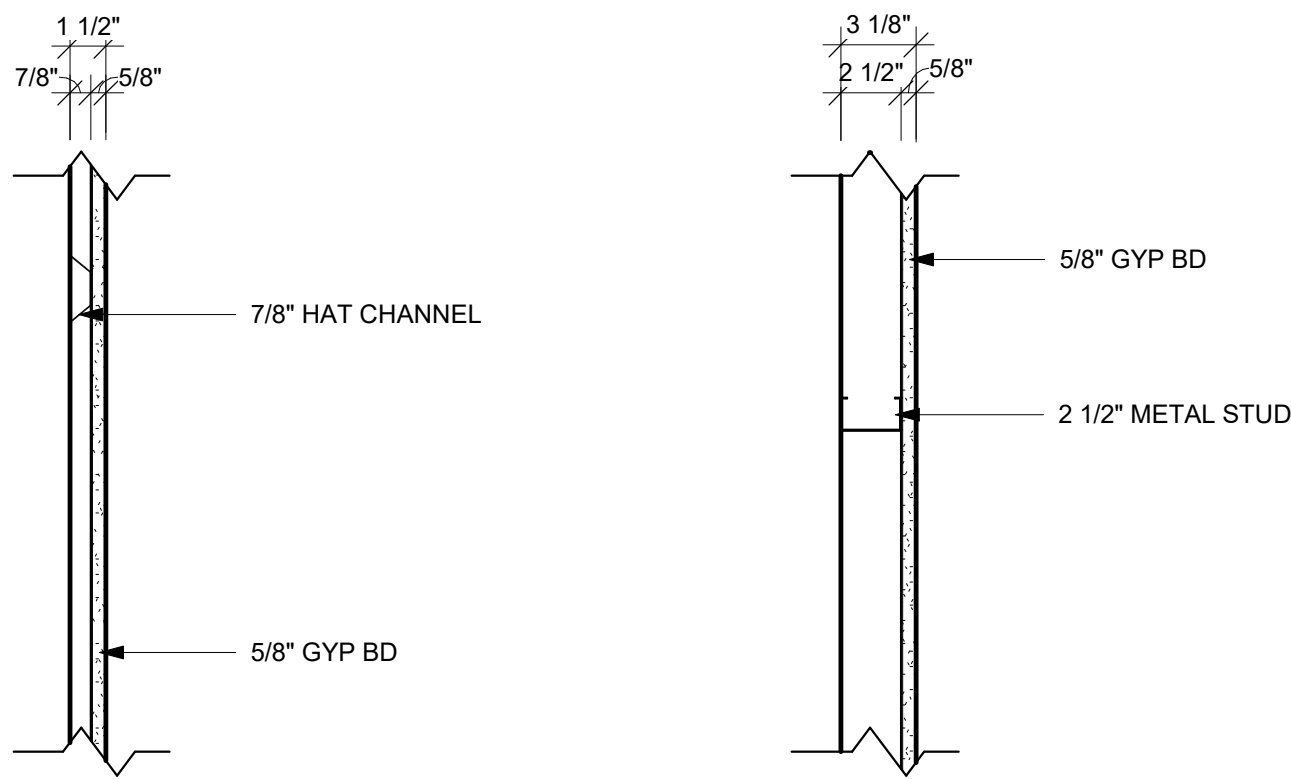


PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
B0	3 5/8"	4"	-	-	

PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
B1	5 5/8"	6"	-	-	

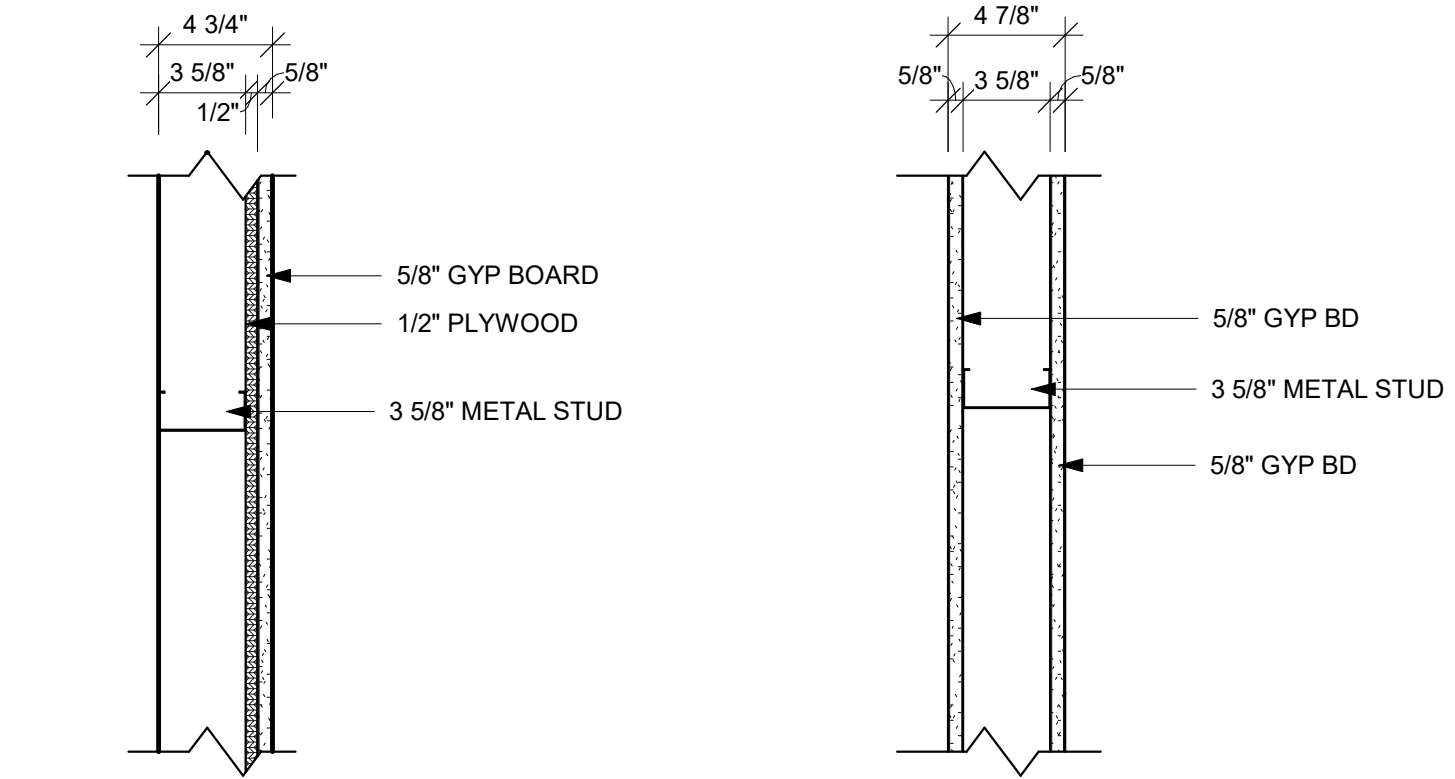
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
B2	7 5/8"	8"	-	-	
B2a	7 5/8"	8"	1HR	*	

PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
B4	11 5/8"	12"	-	-	



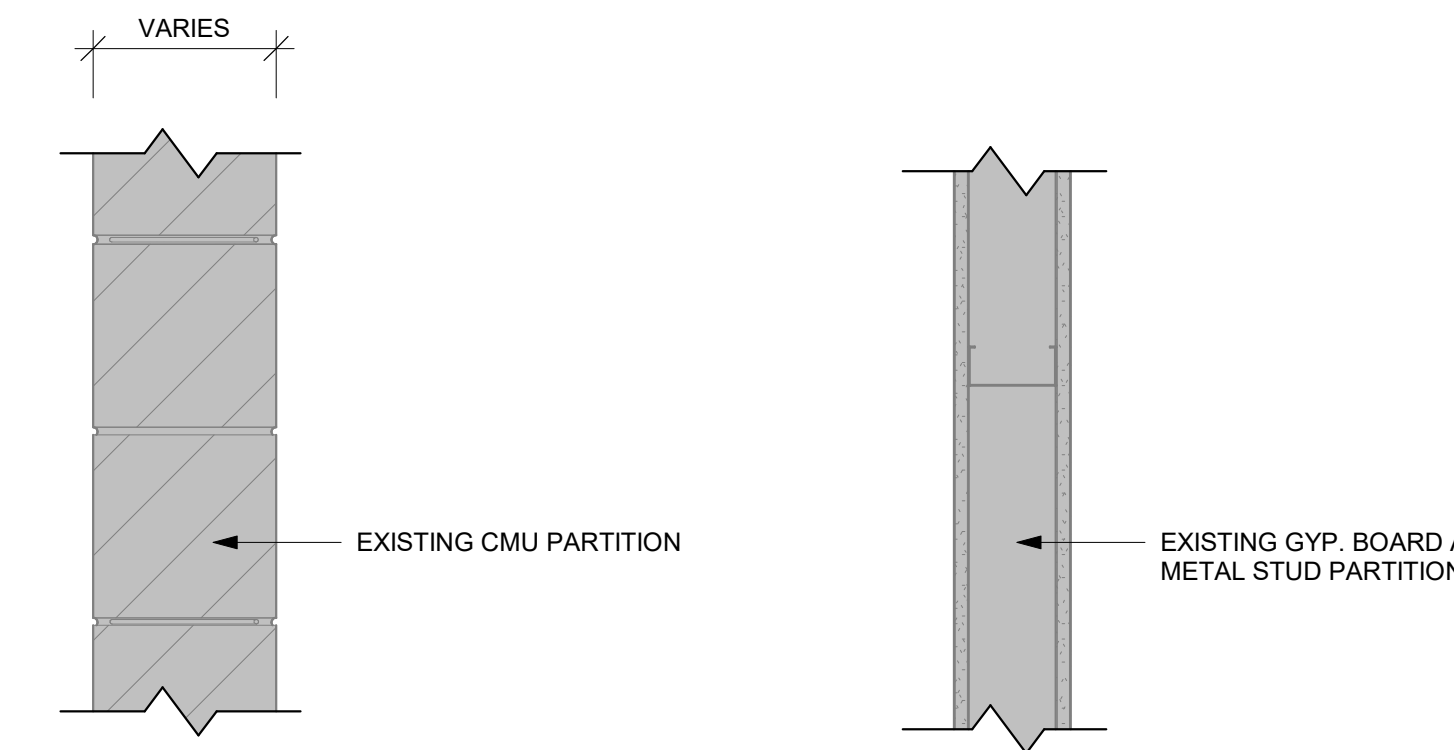
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D1	1 1/2"	1 1/2"	-	-	

PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D2	3 1/8"	3"	-	-	



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D4	4 3/4"	5"	-	-	

PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D6	4 7/8"	5"	-	-	



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
E1					

PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
E2					

WALL TYPE GENERAL NOTES:

A. REFER TO MASTER COLOR SCHEDULE AND INTERIOR DESIGN SHEETS FOR ADDITIONAL WALL FINISHES.

B. WHERE INTERIOR DESIGN SHEETS INDICATE WALL TILE, INSTALL BACKER BOARD AT WET AND NON-WET LOCATIONS AS LISTED IN 02.21.16.

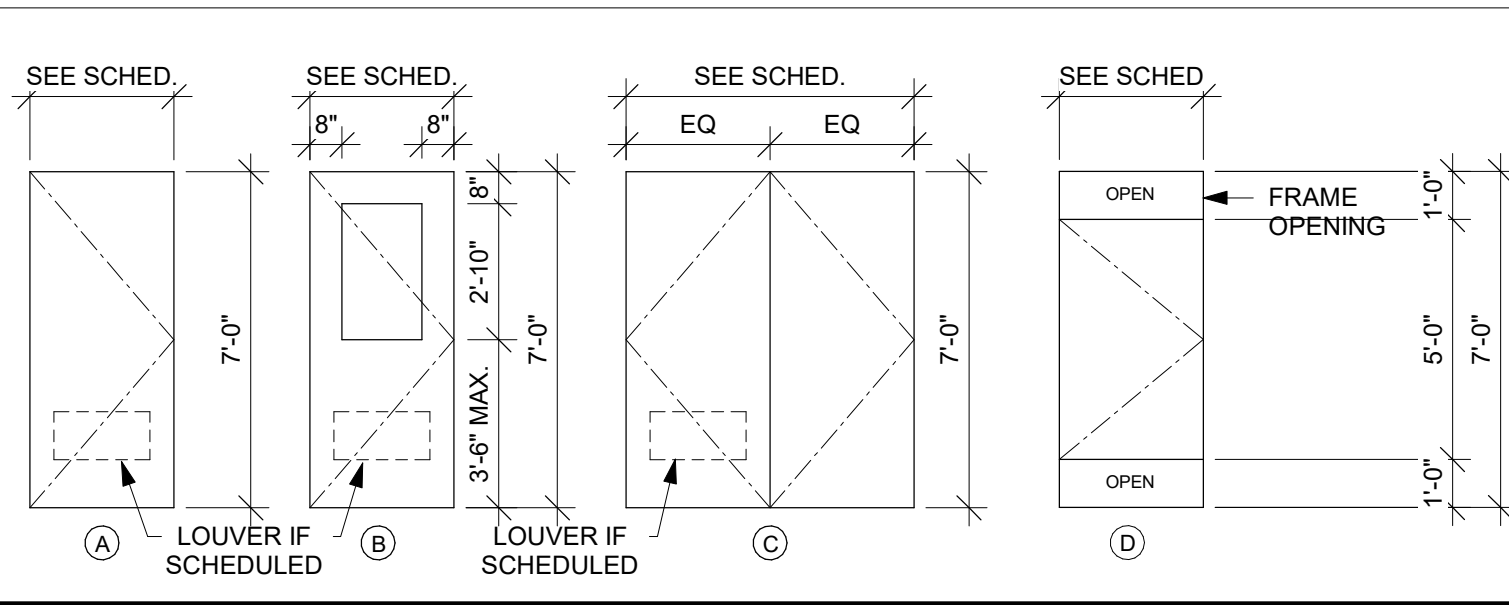
C. NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE.

DOOR SCHEDULE																	
FRAME OPENING SIZE				DOOR				FRAME				DETAILS			FIRE LABEL	HDWR GROUP	REMARKS
MARK	W	H	T	DOOR TYPE	DOOR MATERIAL	GLASS TYPE	U-CUT OR LOUVER	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	GLASS TYPE	HEAD	JAMB	SILL			
161.1	6'-0"	7'-0"	1 1/2"	DOOR C	SCWD			FRAME BB	5 3/4"	HM		4/A600	8/A600		1		
161.2	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME AA	5 7/8"	HM		9/A600	5/A600		5		
167	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	8 5/8"	HM		1/A600	5/A600		2		
168	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		8X8 GRILLE	FRAME BB	8 5/8"	HM		1/A600	5/A600		3		
169	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	8 5/8"	HM		1/A600	5/A600		4		
170	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	5 3/4"	HM		10/A600	5/A600		4		
170.1	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
170.2	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
170.3	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
170.4	3'-0"	7'-0"	1 1/2"	DOOR D	SCWD			FRAME AA	6 5/8"	HM		1/A600	5/A600		3		
171	3'-0"	7'-0"	1 1/2"	DOOR B	SCWD	GLT-4		FRAME BB	5 3/4"	HM		2/A600	6/A600		2		
172	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		8X8 GRILLE	FRAME BB	5 3/4"	HM		2/A600	6/A600		3		
179.1	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	5 3/4"	HM		10/A600	5/A600		2		
179.2	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	5 3/4"	HM		10/A600	5/A600		2		
180	2'-8"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	VERIFY	HM		3/A600 SIM	7/A600 SIM		1		
181	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	8 5/8"	HM		1/A600	5/A600		2		
182	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	5 3/4"	HM		1/A600	5/A600		4		
183	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD			FRAME BB	8 5/8"	HM		1/A600	5/A600		4		
184	3'-0"	7'-0"	1 1/2"	DOOR B	SCWD	GLT-4		FRAME BB	8 5/8"	HM		1/A600	5/A600		2		
185	3'-0"	6'-8"	1 1/2"	DOOR A	SCWD			FRAME AA	5 3/4"	HM					7	1	
185.1	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
185.2	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
185.3	2'-4"	7'-0"	1 1/2"	DOOR D	HM			FRAME AA	8 5/8"	HM		1/A600 SIM	5/A600		3		
185.4	3'-0"	7'-0"	1 1/2"	DOOR D	SCWD			FRAME AA	6 5/8"	HM		1/A600	5/A600		3		
185.5	2'-4"	7'-0"	1 1/2"	DOOR D	SCWD			FRAME AA	6 5/8"	HM		1/A600	5/A600		3		
186	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		8X8 GRILLE	FRAME BB	8 5/8"	HM		1/A600	5/A600		3		

DOOR SCHEDULE GENERAL NOTES

- HM = HOLLOW METAL SCWD = SOLID CORE WOOD DOOR
- A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
- B. ALL HM (HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
- C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE

DOOR TYPES



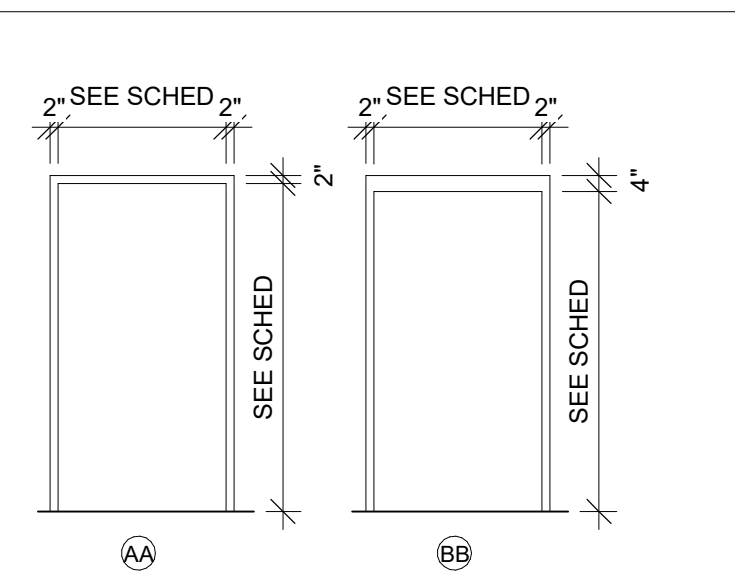
DOOR SCHEDULE REMARKS

1. NEW DOOR AND FRAME IN EXISTING OPENING - FIELD VERIFY SIZE
2. DOOR, FRAME AND DOOR HARDWARE SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR.

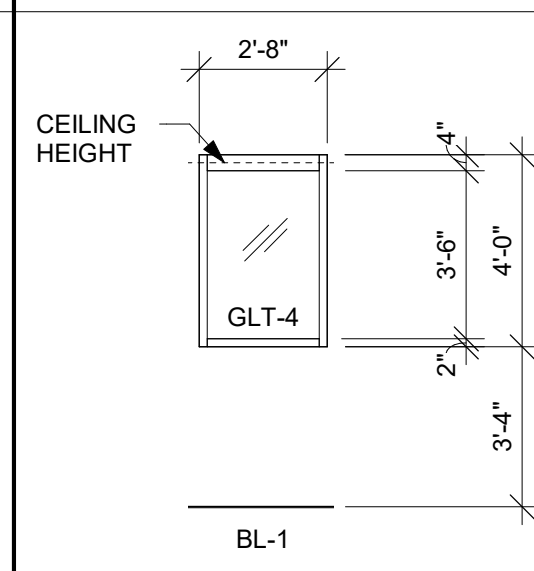
FRAME GENERAL NOTES

- HM = HOLLOW METAL ALUM = ALUMINUM
- A. ALL HM (HOLLOW METAL) FRAMES SHALL BE PAINTED.
- B. GLT- INDICATES GLASS TYPE. SEE SPECIFICATIONS

DOOR FRAME TYPES

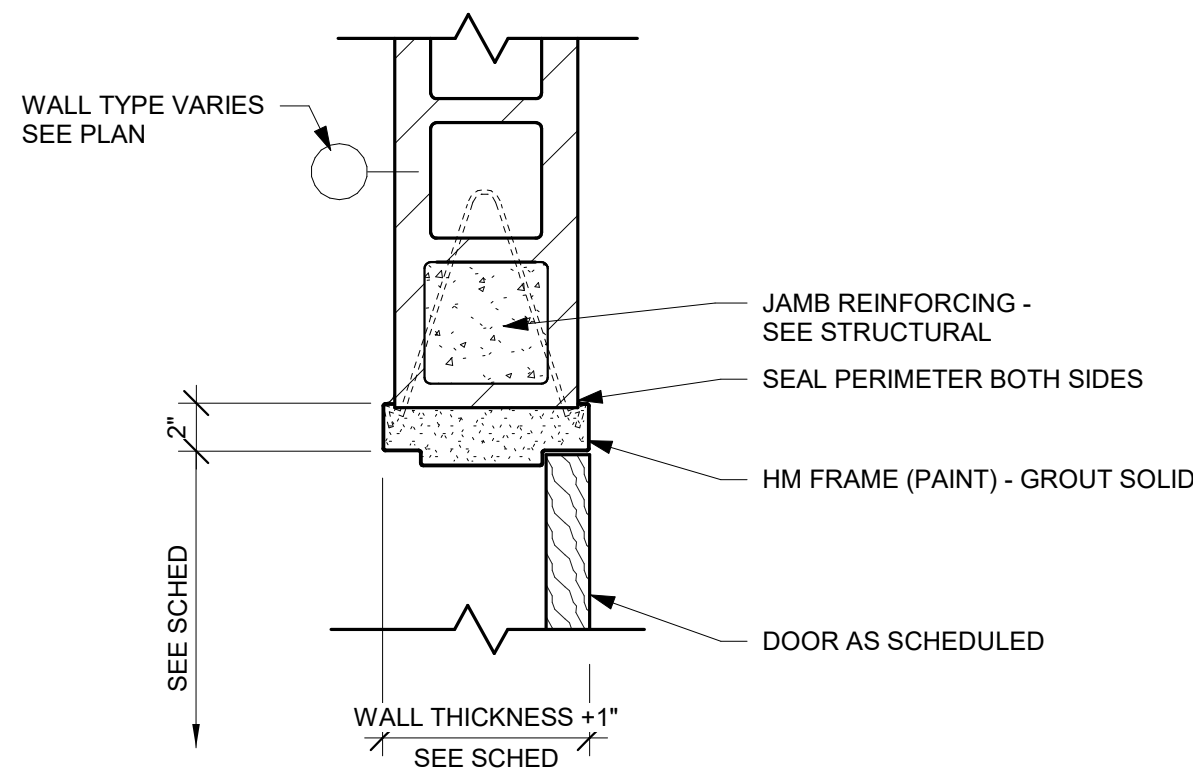


BORROWED LITE TYPES



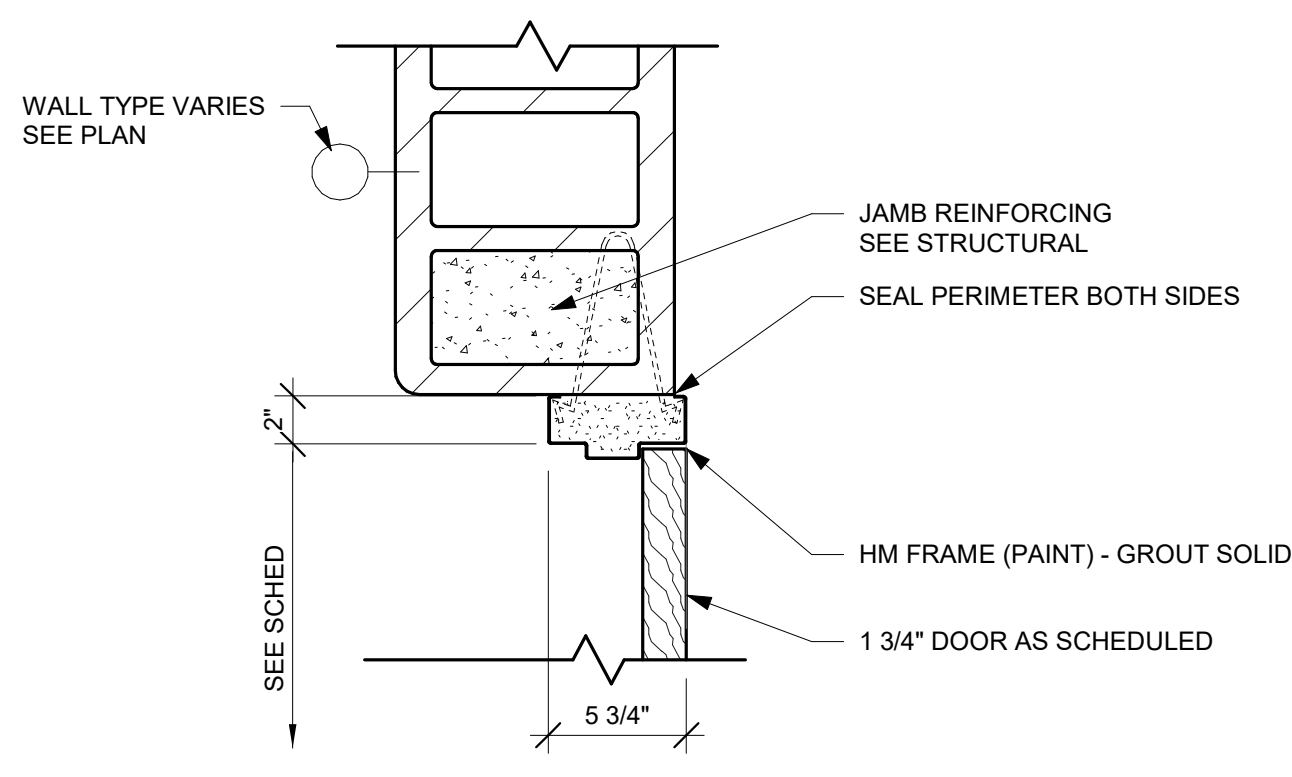
1 DOOR HEAD DETAIL

1 1/2" = 1'-0"



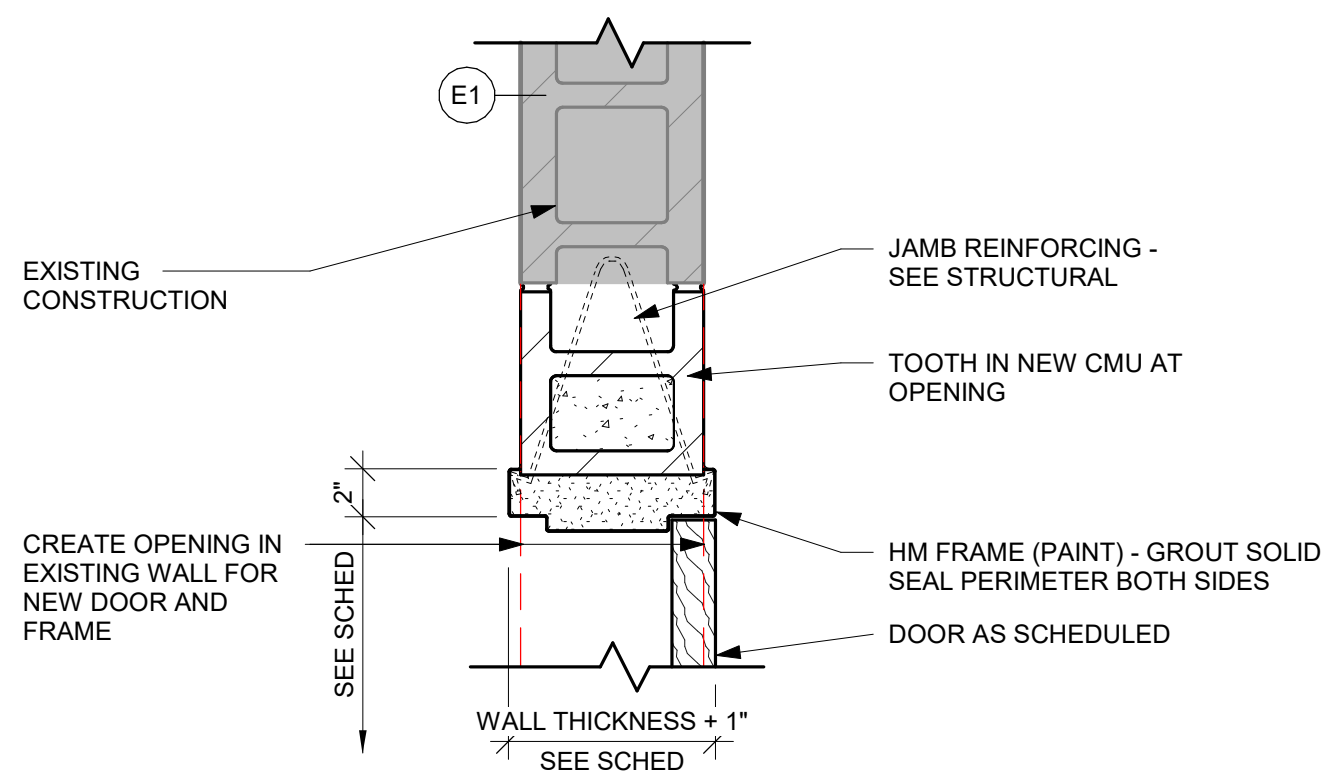
2 DOOR HEAD DETAIL

1 1/2" = 1'-0"



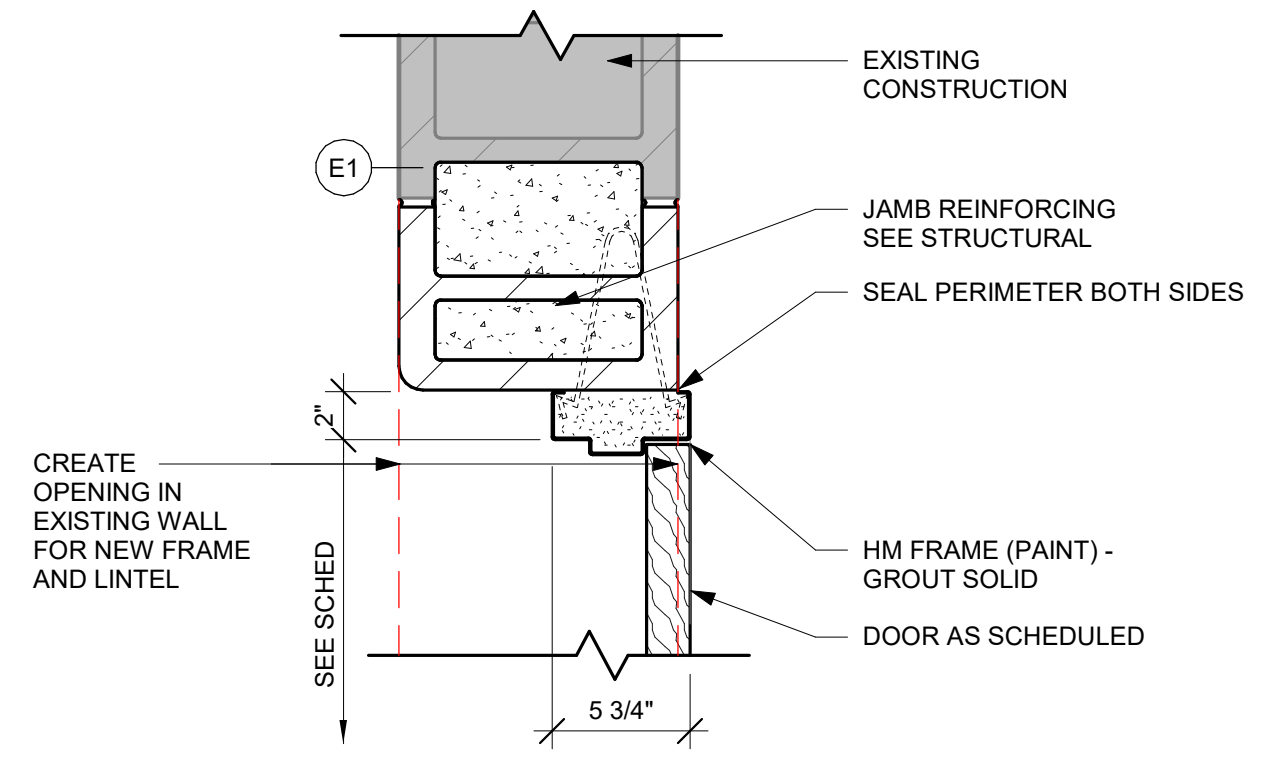
3 DOOR HEAD DETAIL

1 1/2" = 1'-0"



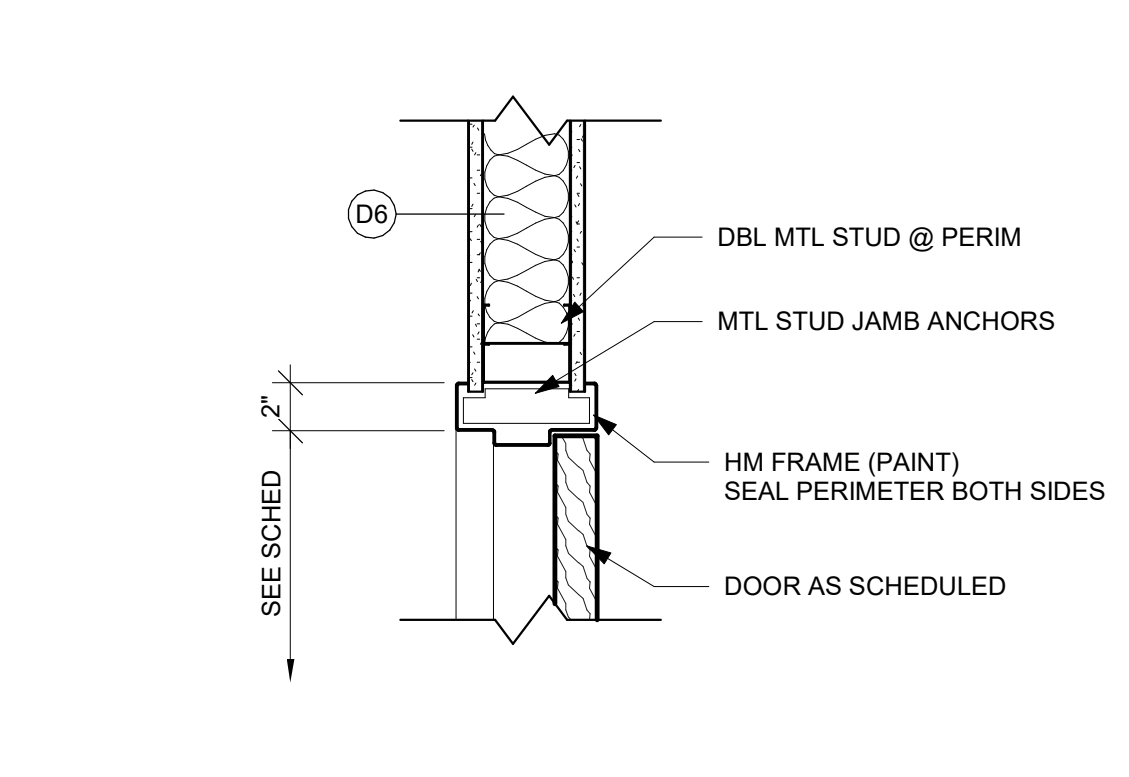
4 DOOR HEAD DETAIL

1 1/2" = 1'-0"



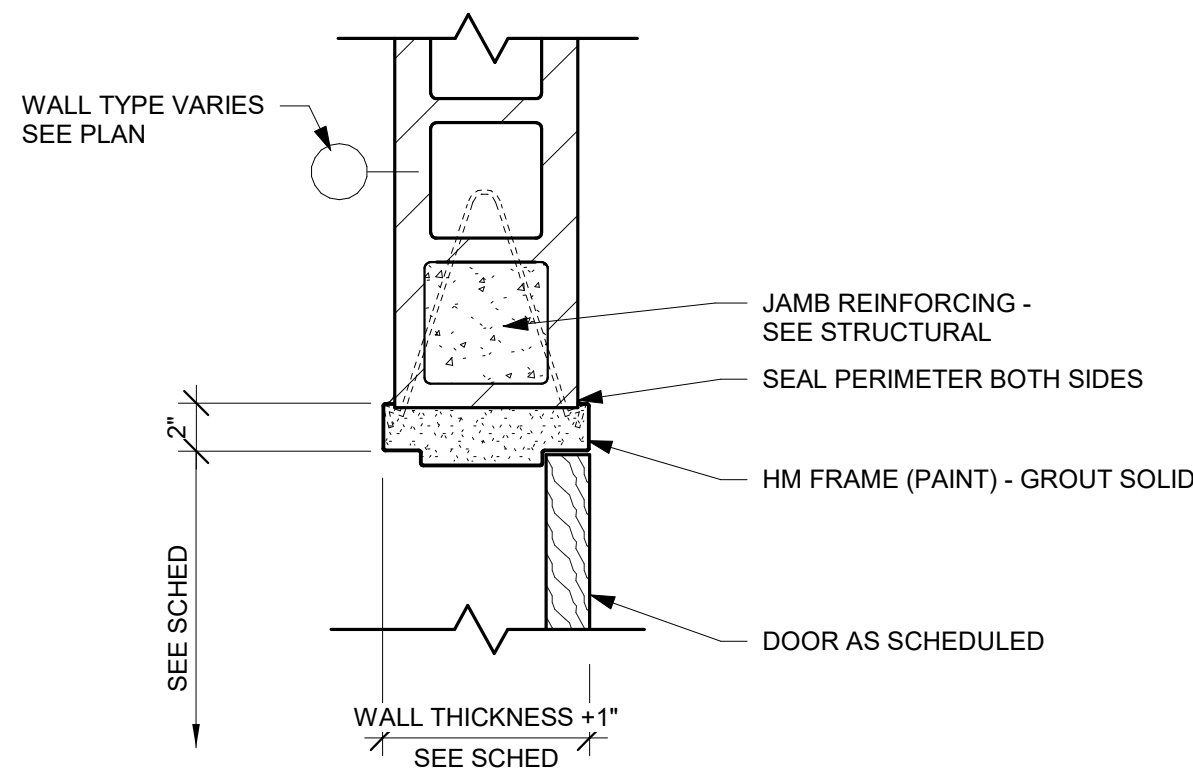
10 DOOR HEAD DETAIL

1 1/2" = 1'-0"



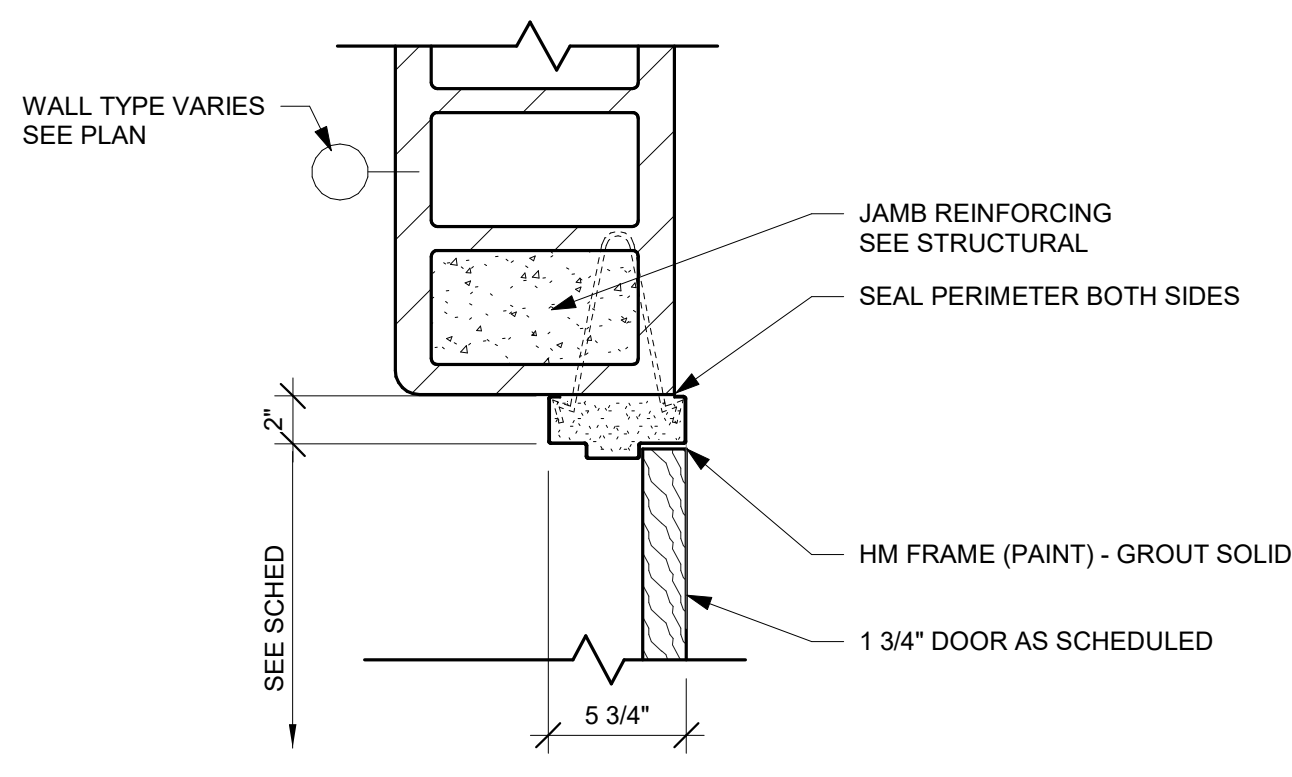
5 DOOR JAMB DETAIL

1 1/2" = 1'-0"



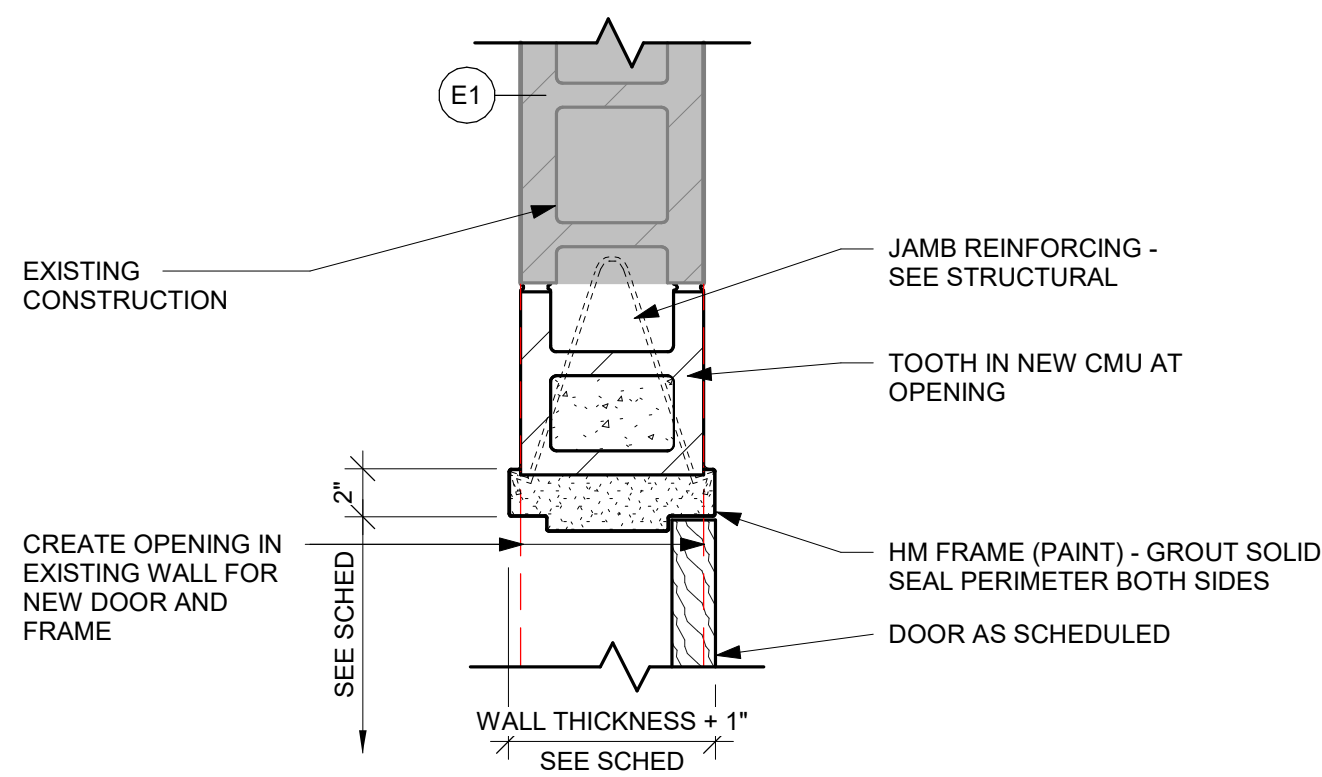
6 DOOR JAMB DETAIL

1 1/2" = 1'-0"



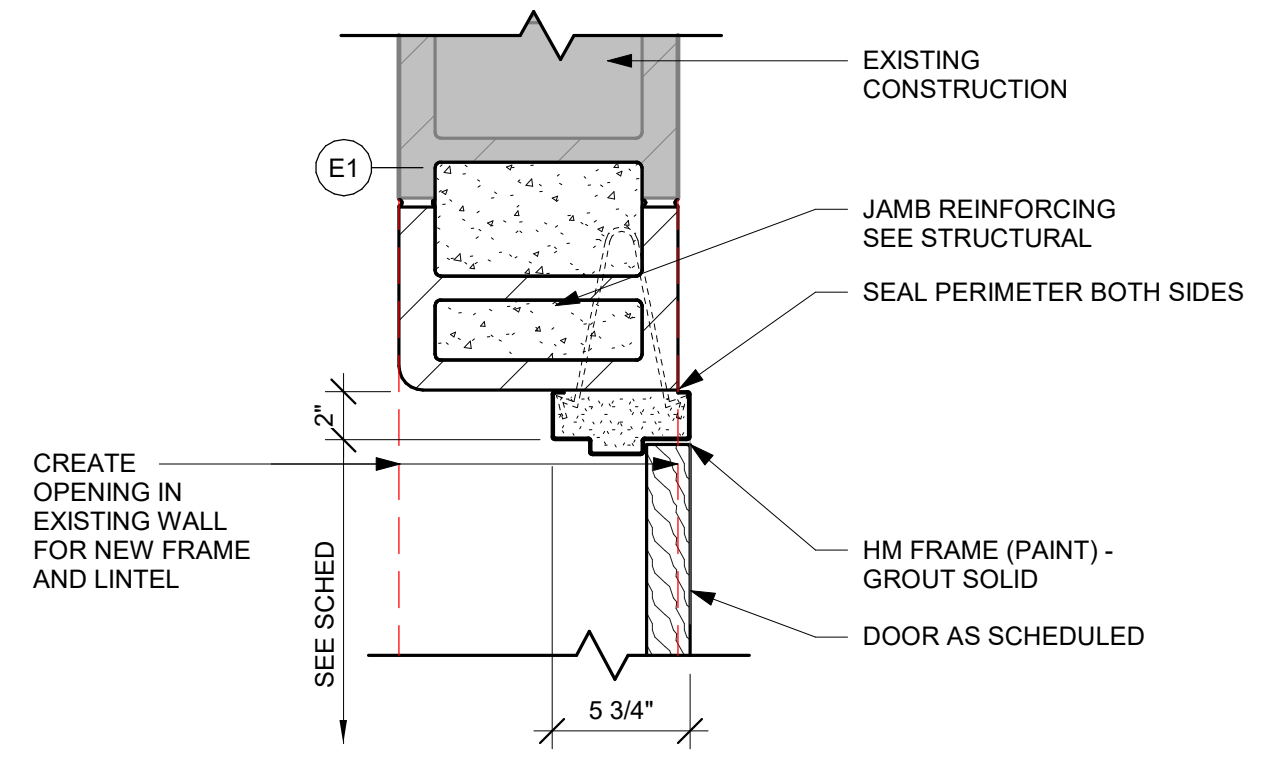
7 DOOR JAMB DETAIL

1 1/2" = 1'-0"



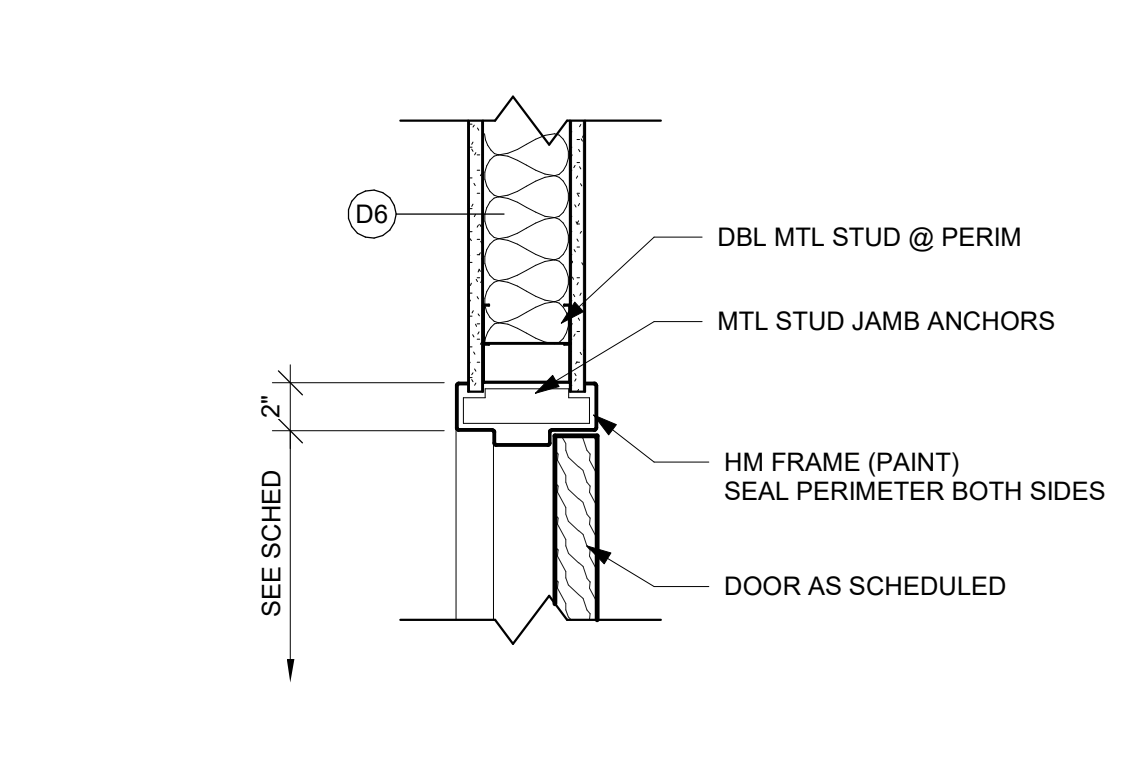
8 DOOR JAMB DETAIL

1 1/2" = 1'-0"



9 DOOR JAMB DETAIL

1 1/2" = 1'-0"



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN



HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:

IOWA GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT

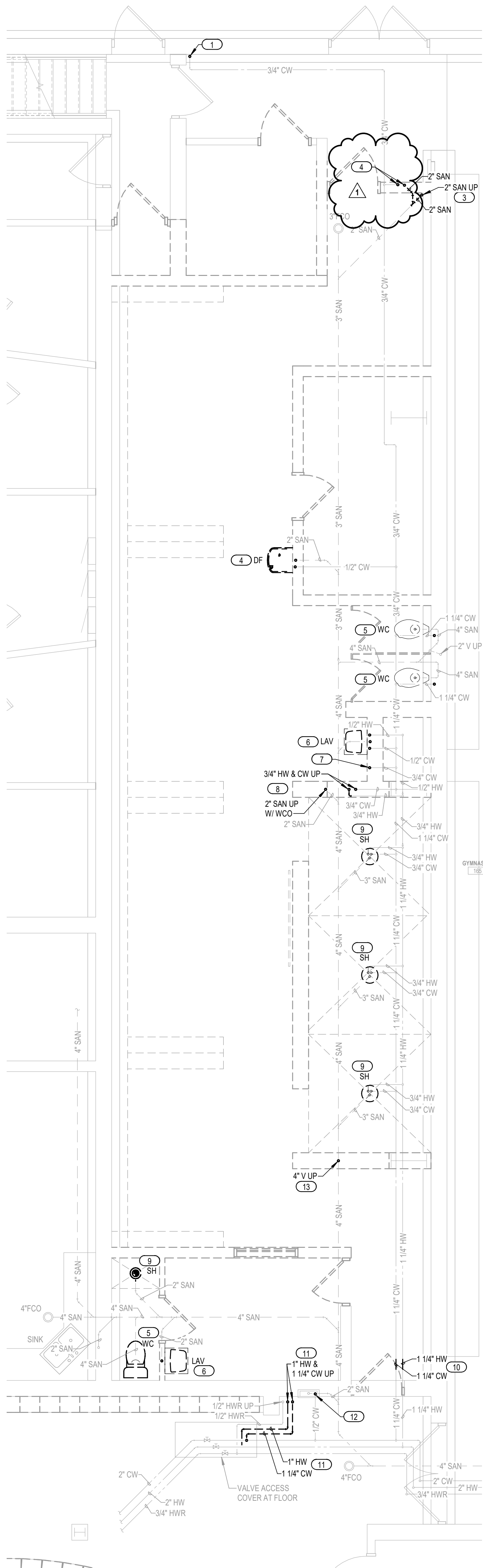
Project Title:

HSR Project Number:
25007

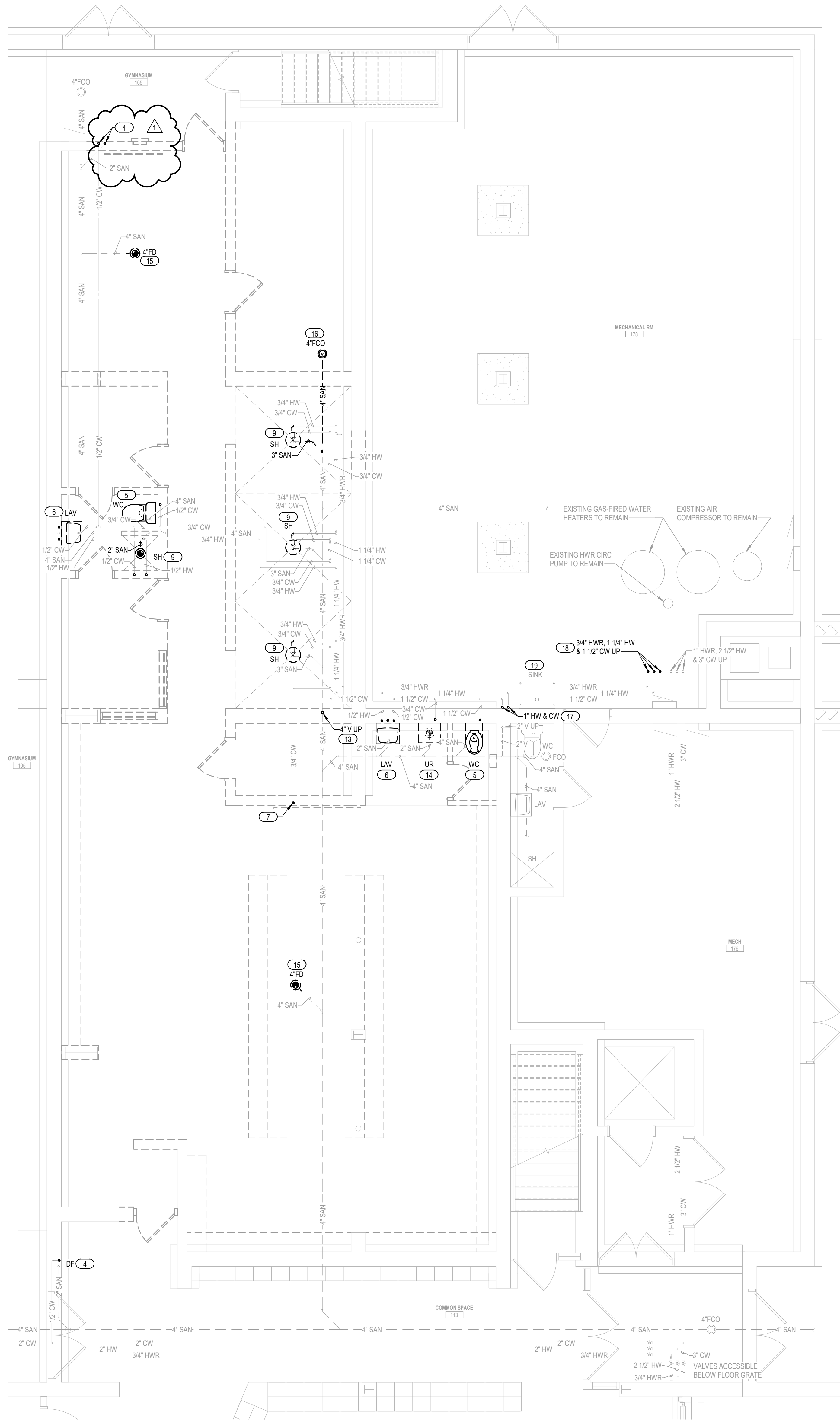
Project Date:
MARCH 2025

Drawn By:
HSR

Key Plan:



1 FIRST FLOOR BELOW GRADE PLUMBING DEMOLITION PLAN - WEST
1/4" = 1'-0"



2 FIRST FLOOR BELOW GRADE PLUMBING DEMOLITION PLAN - EAST
1/4" = 1'-0"



GENERAL NOTES

- GENERAL CONTRACTOR SHALL SAW CUT AND PATCH FLOOR AS REQUIRED FOR DEMOLITION AND NEW PLUMBING WORK BELOW SLAB. VERIFY FIELD CONDITIONS PRIOR TO BID AND COORDINATE EXTENT OF SAW CUTTING WITH GC.
- SEE PLUMBING FIXTURE SCHEDULE, ISOMETRICS AND DETAILS FOR ADDITIONAL INFORMATION AND PIPE SIZING.
- PLUMBING CONTRACTOR SHALL COORDINATE WITH GC FOR PIPING AND FIXTURE INSTALLATION IN NEW CMU WALLS.
- PLUMBING CONTRACTOR SHALL SET CIRCUIT SETTERS PER MANUFACTURER'S INSTRUCTIONS AND BALANCE ENTIRE HOT WATER SYSTEM SERVED BY EXISTING WATER HEATERS IN MECHANICAL ROOM-178.

KEYED NOTES

- REMOVE EXISTING 3/4" CW SUPPLY TO EXTERIOR HOSE BIBB AND CAP BELOW GRADE. EXISTING HOSE BIBB SHALL BE SUPPLIED FROM ABOVE GRADE.
- REMOVE EXISTING 1/2" CW, 2" SAN AND 1 1/2" VENT SERVING DRINKING FOUNTAIN ALREADY REMOVED.
- REMOVE EXISTING SANITARY PIPING UP, SERVING FLOOR DRAIN ON SECOND FLOOR.
- REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING LAVATORY AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING INTERIOR HOSE BIBB AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN SERVING FIXTURES ON SECOND FLOOR. REMOVE DRINKING FOUNTAIN ON SECOND FLOOR.
- REMOVE EXISTING SHOWER AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE PORTION OF BELOW GRADE HOT AND COLD WATER MAINS AS SHOWN AND CAP.
- REMOVE EXISTING HOT AND COLD WATER MAINS AS SHOWN TO BE REPLACED BY LARGER PIPING DURING NEW CONSTRUCTION.
- REMOVE EXISTING 1/2" CW SERVING DRINKING FOUNTAIN ALREADY REMOVED. VENT PIPING SHALL BE CAPPED AND ABANDONED AT WALL.
- REMOVE EXISTING 4" VENT PIPING IN WALL TO BE DEMOLISHED, AS SHOWN.
- REMOVE EXISTING FLOOR MOUNTED URINAL AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING FLOOR CLEANOUT AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
- REMOVE EXISTING HOT WATER AND COLD WATER PIPING SERVING EXISTING RESTROOM TO REMAIN. RECONNECT NEW PIPING DURING NEW CONSTRUCTION.
- REMOVE EXISTING DOMESTIC HOT, HOT WATER RETURN AND COLD WATER MAINS AS SHOWN AND CAP AT FLOOR AND AT EXISTING MAINS TO REMAIN.
- REMOVE SINK FAUCET AND REINSTALL. PROVIDE NEW HOT AND COLD WATER PIPING TO EXISTING SINK'S FAUCET. CLEAN AND MAINTAIN EXISTING SINK AND FAUCET.



HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

**IOWA GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT**

Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN

Sheet Title: **FIRST FLOOR BG PLUMBING DEMO PLANS**

Project Title:
HSR Project Number: **25007**

Project Date: **APRIL 1, 2025**

Drawn By: **NCF**

Key Plan:

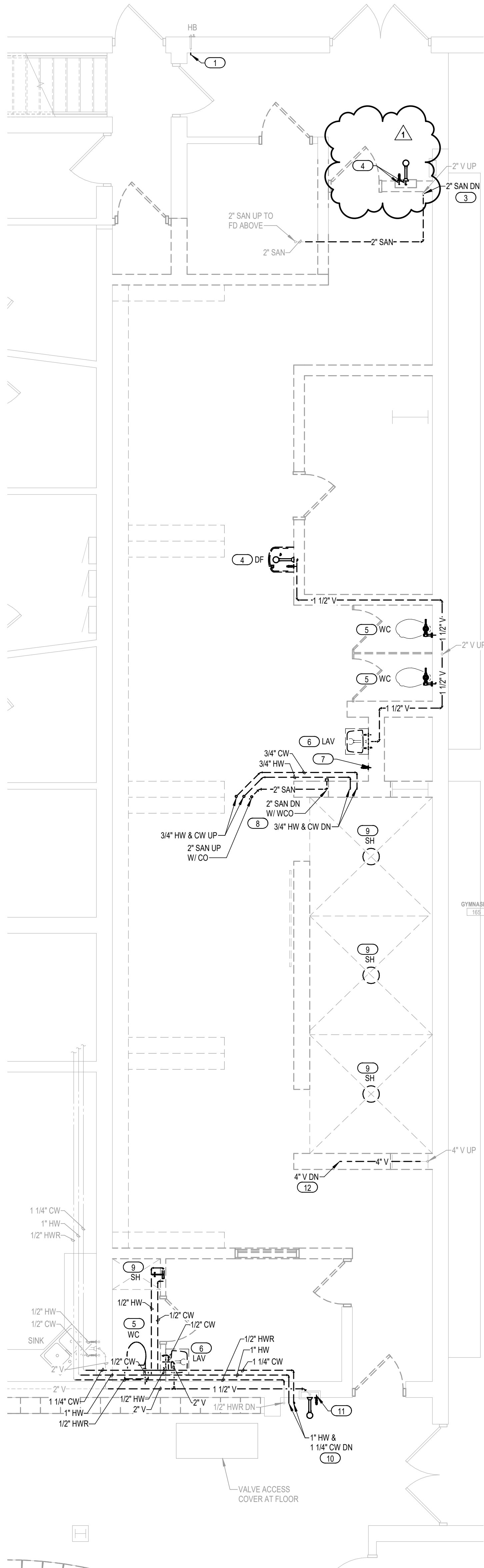
**ISSUED FOR
CONSTRUCTION**

Revisions:
No. Description Date
1 ADDENDUM #1 4/11/2025

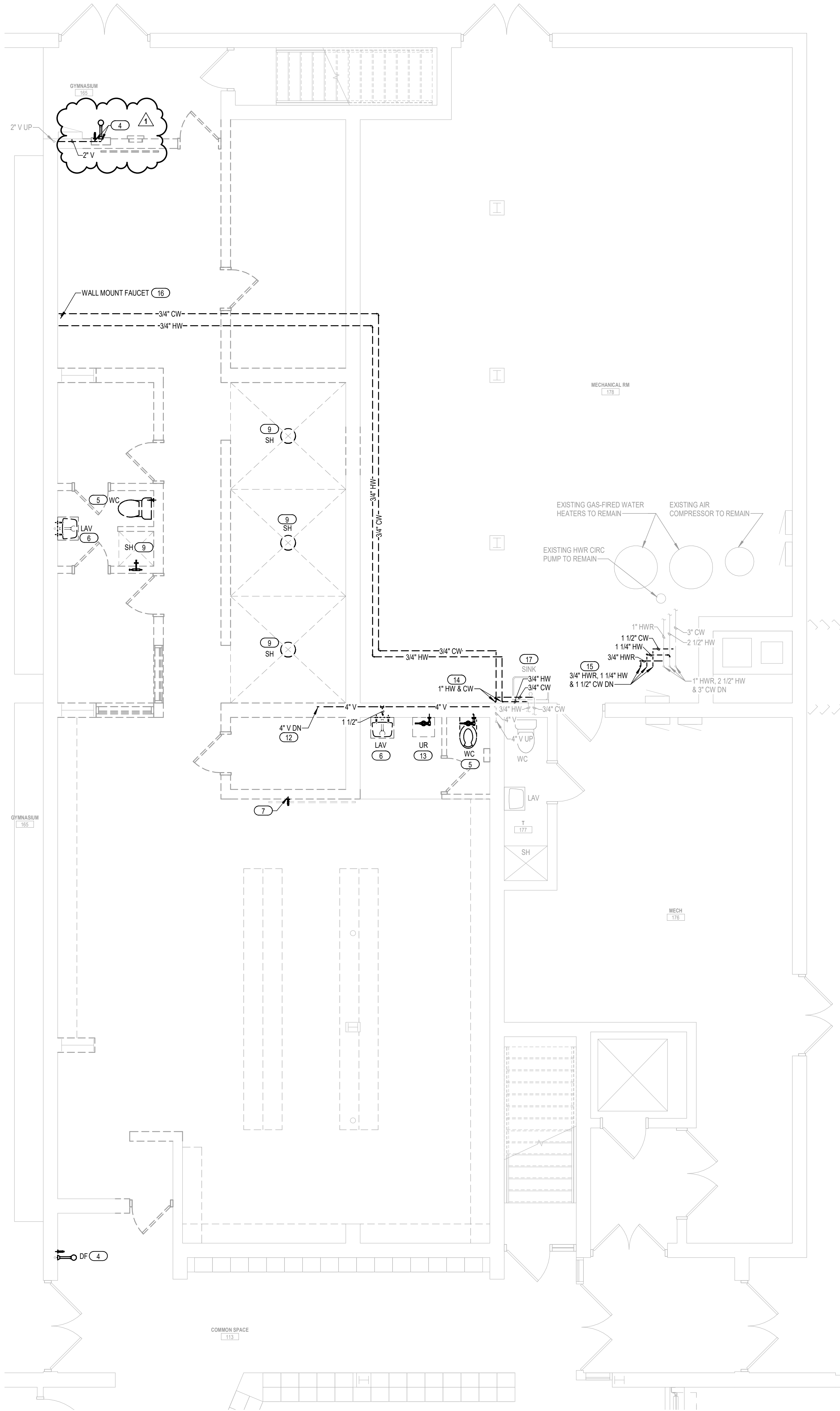
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0' 1' 2' 4' 6'

Last Update:
4/10/2025 12:48:04 PM

PD100



1 FIRST FLOOR PLUMBING DEMOLITION PLAN - WEST
1/4" = 1'-0"



2 FIRST FLOOR PLUMBING DEMOLITION PLAN - EAST
1/4" = 1'-0"



- GENERAL NOTES**
- GENERAL CONTRACTOR SHALL SAW CUT AND PATCH FLOOR AS REQUIRED FOR DEMOLITION AND NEW PLUMBING WORK BELOW SLAB. VERIFY FIELD CONDITIONS PRIOR TO BID AND COORDINATE EXTENT OF SAW CUTTING WITH GC.
 - SEE PLUMBING FIXTURE SCHEDULE, ISOMETRICS AND DETAILS FOR ADDITIONAL INFORMATION AND PIPE SIZING.
 - PLUMBING CONTRACTOR SHALL COORDINATE WITH GC FOR PIPING AND FIXTURE INSTALLATION IN NEW CMU WALLS.
 - PLUMBING CONTRACTOR SHALL SET CIRCUIT SETTERS PER MANUFACTURER'S INSTRUCTIONS AND BALANCE ENTIRE HOT WATER SYSTEM SERVED BY EXISTING WATER HEATERS IN MECHANICAL ROOM-178.

- KEYED NOTES**
- REMOVE EXISTING 3/4" CW SUPPLY TO EXTERIOR HOSE BIBB AND CAP BELOW GRADE. EXISTING HOSE BIBB SHALL BE SUPPLIED FROM ABOVE GRADE.
 - REMOVE EXISTING 1/2" CW, 2" SAN AND 1 1/2" VENT SERVING DRINKING FOUNTAIN ALREADY REMOVED.
 - REMOVE EXISTING SANITARY PIPING DOWN, SERVING FLOOR DRAIN ON SECOND FLOOR.
 - REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE EXISTING LAVATORY AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE EXISTING INTERIOR HOSE BIBB AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE EXISTING ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN SERVING FIXTURES ON SECOND FLOOR. REMOVE DRINKING FOUNTAIN ON SECOND FLOOR.
 - REMOVE EXISTING SHOWER AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE EXISTING HOT AND COLD WATER MAINS AS SHOWN TO BE REPLACED BY LARGER PIPING DURING NEW CONSTRUCTION.
 - REMOVE EXISTING 1/2" CW SERVING DRINKING FOUNTAIN ALREADY REMOVED. VENT PIPING SHALL BE CAPPED AND ABANDONED AT WALL.
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 - REMOVE EXISTING HOT WATER AND COLD WATER PIPING SERVING EXISTING RESTROOM TO REMAIN. RECONNECT NEW PIPING DURING NEW CONSTRUCTION.
 - REMOVE EXISTING DOMESTIC HOT, HOT WATER RETURN AND COLD WATER MAINS AS SHOWN AND CAP AT FLOOR AND AT EXISTING MAINS TO REMAIN.
 - REMOVE EXISTING WALL MOUNTED FAUCET AND ALL ASSOCIATED PIPING AND COMPONENTS AS SHOWN.
 - REMOVE SINK FAUCET AND REINSTALL. PROVIDE NEW HOT AND COLD WATER PIPING TO EXISTING SINK'S FAUCET. CLEAN AND MAINTAIN EXISTING SINK AND FAUCET.



HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

**IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT
FIRST FLOOR AG PLUMBING DEMO PLANS**

Project Title:
HSR Project Number:
25007

Project Date:
APRIL 1, 2025

Drawn By:
NCF

Key Plan:

**ISSUED FOR
CONSTRUCTION**

No.	Description	Date
1	ADDENDUM #1	4/11/2025

Graphic Scale:
0' 1' 2' 4' 6'

Last Update:
4/10/2025 12:48:05 PM

PD101

IOWA GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT

482 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN

FIRST FLOOR DUCTWORK DEMOLITION PLAN

Sheet Title:

SR Project Number:
25007

Project Date: **APRIL 1, 2025**

Drawn By: **ACE**

Key Plan:

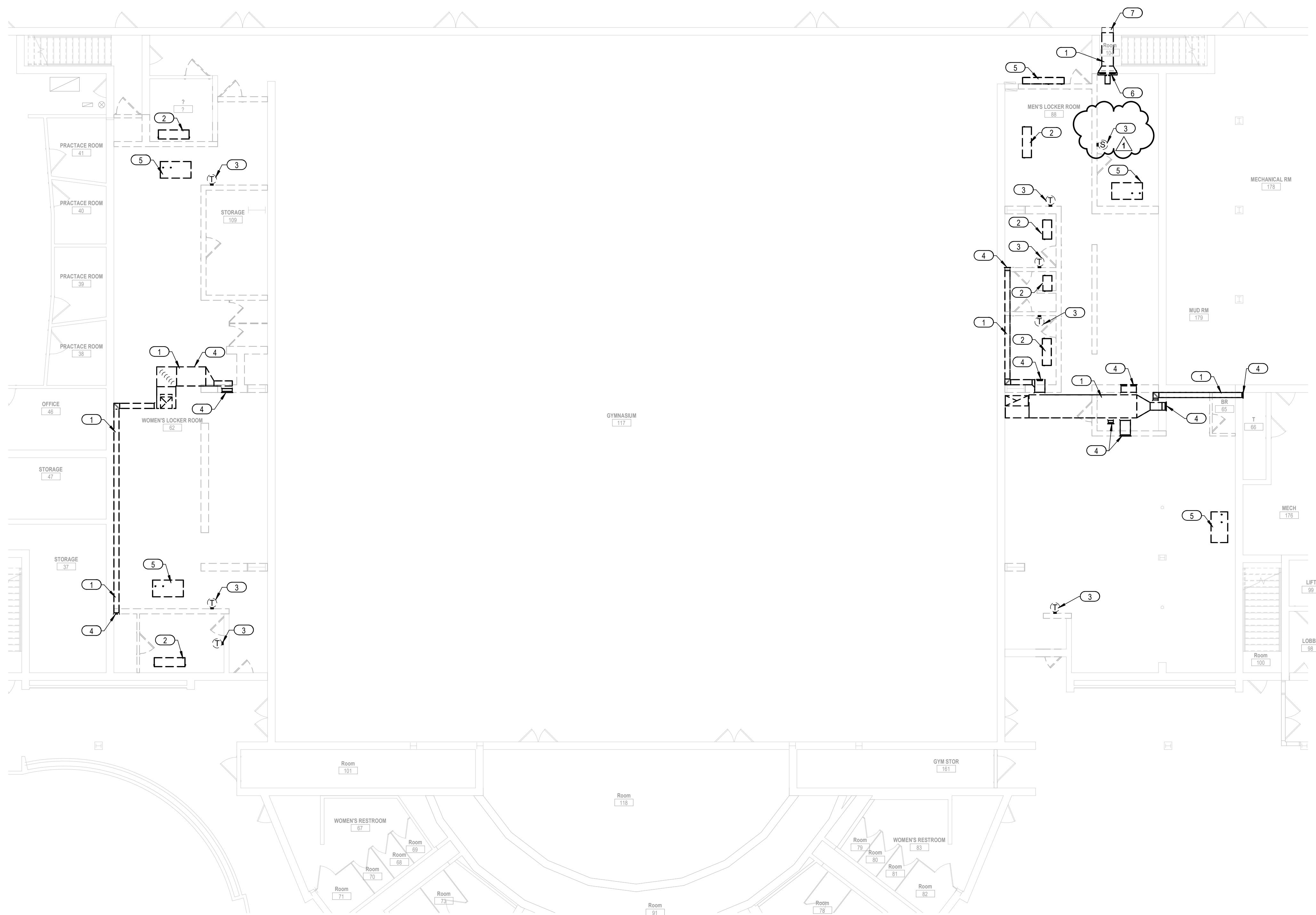
**ISSUED FOR
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No.	Description	Date
1	ADDENDUM #1	4/11/2025

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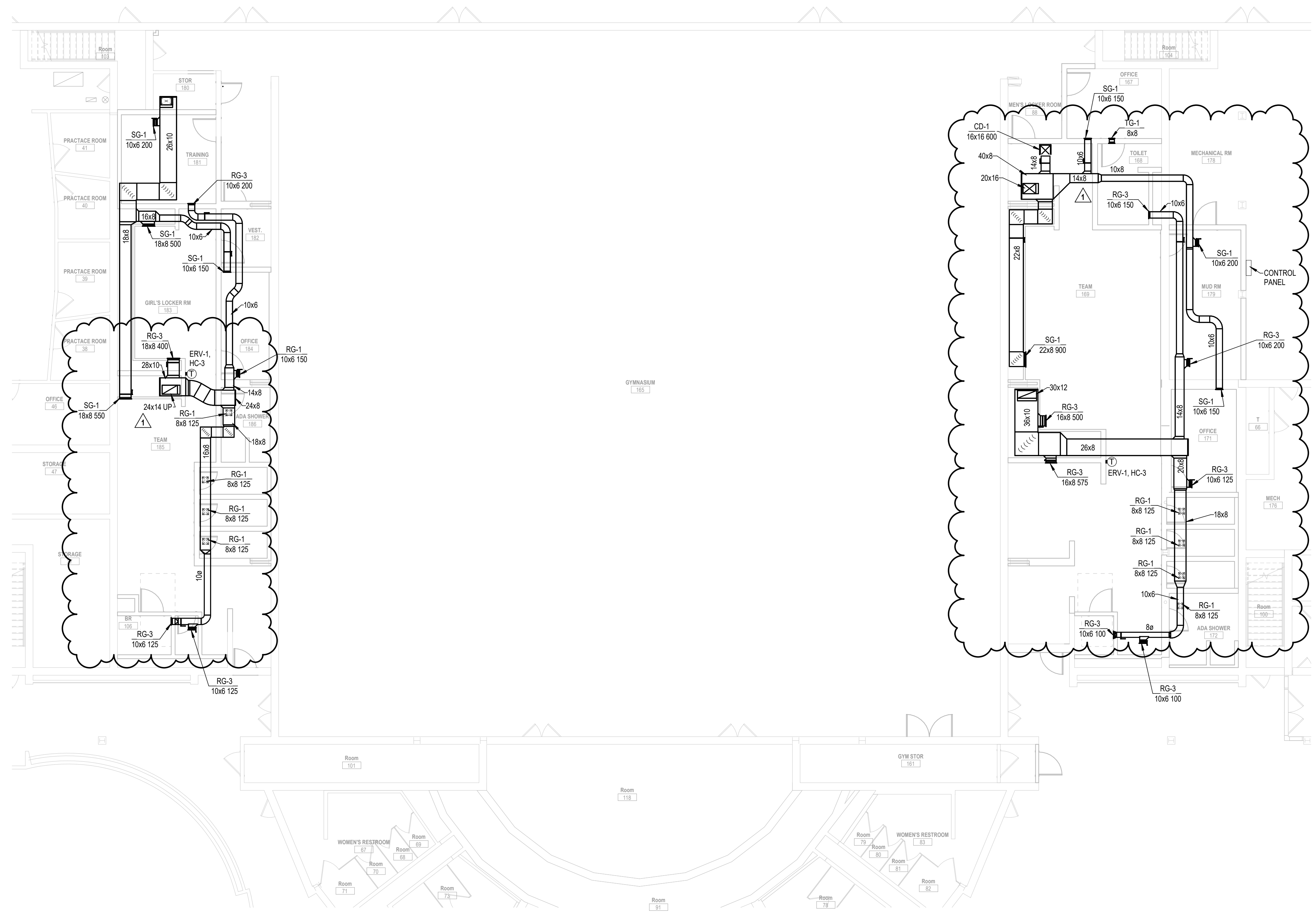
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MD101



1 FIRST FLOOR DUCTWORK DEMOLITION PLAN

1/8" = 1'-0"



1 FIRST FLOOR DUCTWORK PLAN



FAN SCHEDULE

		SYSTEM	FAN DATA								BACKDRAFT DAMPER	CURB TYPE	ELECTRICAL						WEIGHT	MANUFACTURER	MODEL	NOTES	
TAG	AREA SERVED		TYPE	CFM	BHP	MHP	RPM	DRIVE	S.P. (IN. W.C.)	WHEEL DIA. (IN.)			FREQUENCY (HZ)	DISCONNECT		CONTROLLER/STARTER							
														BY	TYPE	BY	TYPE						
EF-1	WEIGHT ROOM	AH-3	ROOF	300	0.03	1/10	1,145	DIRECT	0.5	10.9	MOTORIZED	24" CURB	115	1	60	MFR	NF	MFR	ECM	41	GREENHECK	G-090-VG	1,2
NOTES: 1. SEE SPECIFICATION SECTION [23 34 00] FOR ADDITIONAL INFORMATION. 2. PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION [22 05 13] [23 05 13].																							

PUMP SCHEDULE

TAG	SERVES	PUMP TYPE	PUMPED FLUID	DESIGN FLOW (GPM)	DESIGN HEAD (FT. HD)	DESIGN PUMP SPEED (RPM)	MOTOR					ELECTRICAL				MANUFACTURER	SERIES/ MODEL	NOTES	
							BHP	HP	RPM	VOLT	PHASE	Hz	DISCONNECT		STARTER				
													BY	TYPE	BY				TYPE
HCP-3	AH-3	INLINE	WATER	4.2	15	3,939	0.17	0.17	3,600	115	1	60	EC	NF	MFR	ECM	BELL & GOSSETT	ECOCIRC XL 36-45	1
HCP-4	ERV-1	INLINE	WATER	3.7	15	2,939	0.17	0.17	3,600	115	1	60	EC	NF	MFR	ECM	BELL & GOSSETT	ECOCIRC XL 36-45	1
HCP-5	ERV-2	INLINE	WATER	2.8	15	2,935	0.17	0.17	3,600	115	1	60	EC	NF	MFR	ECM	BELL & GOSSETT	ECOCIRC XL 36-45	1
NOTES: 1. REFER TO SPECIFICATION SECTION 23 21 23 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.																			

CONDENSING UNIT SCHEDULE

TAG	SERVES	NOMINAL DESIGN (TONS)	REFRIGERANT	SATURATED SUCTION (°F)	AMBIENT TEMP. (°F)	NO. OF COMPRESSORS	NO. OF FANS	ELECTRICAL								MANUFACTURER	MODEL	NOTES	
								VOLT	PHASE	MCA	MOCP AMPS	DISCONNECT		CONTROLLER/STARTER					
														BY	TYPE	BY			
CU-2	AH-3	3	R-454B	45	95	1	1	208	3	16.6	25.0	EC	MFR	MOTOR STARTER			TRANE	STTA036A3000A	1,2
NOTES: 1. SEE SPECIFICATION SECTION [23 62 13] FOR ADDITIONAL INFORMATION. 2. PROVIDE AS ALTERNATE BID #1.																			

COIL SCHEDULE - WATER

		AIR SIDE					WATER SIDE					COIL					MANUFACTURER	MODEL	NOTES
TAG	SERV.	FACE VEL. (FPM)	CFM	EAT DB (°F)	LAT DB (°F)	A.P.D. (IN. W.C.)	TOTAL MBH	GPM	EWI (°F)	LWT (°F)	W.P.D. (FT. HD)	SIZE (L x H) (IN.)	NO. OF ROWS	FINS/IN.	FLUID TYPE	COIL CONNECTION			
HC-3	ERV-1	873	2,000	46.8	81.8	0.5	73.6	3.69	140	100.0	7.0	22x15	2.0	150.0	WATER	0.75	TRANE	DT0815022G0BA15 0BABA00B	1
HC-4	ERV-2	900	1,500	45.9	81.1	0.5	55.5	2.78	140	100.0	8.1	16x15	2.0	150.0	WATER	0.75	TRANE	DT0815016G0BA15 0BABA0AB	1
NOTES:																			
1. SEE SPECIFICATION SECTION [23 73 12] FOR ADDITIONAL INFORMATION.																			

GRILLES REGISTERS & DIFFUSERS SCHEDULE

TAG	MATERIAL	TYPE	FACE SIZE (INCH)	FINISH	MANUFACTURER	MODEL	REMARKS
CD-1	STEEL	SINGLE DEFLECTION	SEE PLAN	WHITE	KRUEGER	S580	0° HORIZONTAL FRONT BAR ALIGNMENT
SG-1	STEEL	SINGLE DEFLECTION	SEE PLAN	WHITE	KRUEGER	S580	45° HORIZONTAL FRONT BAR ALIGNMENT
RG-1	STEEL	EGG-CRATE	8x8	WHITE	KRUEGER	EGC-5	PROVIDE 3'-0" FLEXIBLE DUCT SECTION
RG-2	STEEL	EGG-CRATE	12x12	WHITE	KRUEGER	EGC-5	NOT USED
RG-3	STEEL	SINGLE DEFLECTION	SEE PLAN	WHITE	KRUEGER	S580	35° HORIZONTAL FRONT BAR ALIGNMENT
EG-1	STEEL	SINGLE DEFLECTION	SEE PLAN	WHITE	KRUEGER	S580	35° HORIZONTAL FRONT BAR ALIGNMENT
TG-1	STEEL	DOUBLE SIDED DOOR GRILLE	8x8	WHITE	KRUEGER	S600A	V-SHAPED DEFLECTION VANES
NOTES: 1. ALL RUN OUT DUCTWORK TO DIFFUSERS SHALL BE NECK SIZE UNLESS OTHERWISE NOTED.							

AIR HANDLING UNIT SCHEDULE

SYMBOL	AH-3
SERVICE	WEIGHT ROOM
UNIT WEIGT (LBS)	325
SUPPLY FAN	
	CFM 1,200
	MINIMUM CFM 400
EXTERNAL STATIC PRESSURE	1.00
TYPE	CENTRIFUGAL
FAN RPM	1,748
BHP	0.85
MHP	1.5
DISCONNECT BY	EC
DISCONNECT TYPE	NF
CONTROLLER/STARTER BY	MFR
CONTROLLER/STARTER TYPE	ECM
MINIMUM OUTSIDE AIR CFM	300
VOLT - PHASE	208/3
HEATING COIL - HOT WATER	
	EAT °F 52
	LAT °F 98.6
	EWI °F 140
	LWT °F 112
	GPM 4.2
	MBH 58.2
	MAX. A.P.D. IN. W.C. 0.15
	W.P.D. FEET HEAD 4.14
COOLING COIL - DX	
	EAT °F DB 77.6
	EAT °F WB 63.83
	LAT °F WB 54.9
	TOTAL MBH 53.6
	MAX. A.P.D. IN. W.C. 0.37
	SAT SUC °F 45
	REFRIGERANT R-454B
FILTER	
	TYPE - PRE MERV 8
MANUFACTURER	TRANE
MODEL NUMBER	BCHE036
REMARKS	1,2
NOTES: 1.REFER TO SPECIFICATION SECTION 23 62 13 FOR ADDITIONAL INFORMATION. 2.PROVIDE AS ALTERNATE BID #1.	

ENERGY RECOVERY UNIT SCHEDULE

SYMBOL	ERV-1	ERV-2
LOCATION	EQUIPMENT STORAGE	WEIGHT ROOM
WEIGHT (LBS)	888	579
SUPPLY FAN (NOTE 6)		
	CFM 2000	1400
	EXTERNAL STATIC PRESSURE 1.0	1.0
TYPE	BELT-DRIVE PLENUM	BELT-DRIVE PLENUM
FAN RPM	1512	1498
BHP	1.29	1.09
MHP	3	2
DISCONNECT BY	EC	EC
DISCONNECT TYPE	NF	NF
CONTROLLER/STARTER BY	MFR	MFR
CONTROLLER/STARTER TYPE	ECM	ECM
EXHAUST FAN (NOTE 6)		
	CFM 2,250	1,500
	EXTERNAL STATIC PRESSURE 1.25	1.43
TYPE	BELT-DRIVE PLENUM	BELT-DRIVE PLENUM
FAN RPM	1,689	1,684
BHP	1.62	1.46
MHP	3	2
DISCONNECT BY	EC	EC
DISCONNECT TYPE	NF	NF
CONTROLLER/STARTER BY	MFR	MFR
CONTROLLER/STARTER TYPE	ECM	ECM
FILTERS		
	OUTSIDE AIR FILTER TYPE 2" PLEATED MERV 8	2" PLEATED MERV 8
	EXHAUST AIR FILTER FACE VELOCITY 2" PLEATED MERV 8	2" PLEATED MERV 8
FIXED ENERGY RECOVERY CORE		
	OUTSIDE AIR CFM 2,000	1,400
	EXHAUST AIR CFM (NOTE 4) 2,200	1,500
	SUMMER EFFECTIVENESS (%) 55.7%	54.2%
	SUMMER EAT DB (°F) / WB (°F) 89.6 / 74.2	89.6 / 74.2
	SUMMER LAT DB (°F) / WB (°F) 78.8 / 68.0	79.0 / 68.2
	HEAT RECOVERY (COOLING), MBH 49.3	33.5
	WINTER EFFECTIVENESS (%) 73.8%	72.5%
	WINTER EAT DB (°F) / WB (°F) -20 / -20.1	-20 / -20.1
	WINTER LAT DB (°F) / WB (°F) 46.8 / 39.3	45.6 / 38.6
	HEAT RECOVERY (HEATING), MBH 177	122
UNIT ELECTRICAL (SINGLE POINT POWER)		
	VOLT/PHASE 208/3	208/3
	MCA 16.4	10.1
	MOP 20	15
	DISCONNECT BY EC	EC
	DISCONNECT TYPE NF	NF
	CONTROLLER/STARTER BY MFR	MFR
	CONTROLLER/STARTER TYPE ECM	ECM
MANUFACTURER	INTERTEK	INTERTECK
MODEL NUMBER	HE-3X	HE-2X
REMARKS	1-3	1-3
NOTES: 1. REFER TO SPECIFICATION SECTION 23 72 90 FOR ADDITIONAL INFORMATION. 2. REFER TO SPECIFICATION SECTION 23 05 48 FOR VIBRATION ISOLATION REQUIREMENTS. 3. EACH FAN SHALL BE EQUIPPED WITH A PIEZOMETER RING TO BE USED FOR DETERMINING TOTAL FAN ARRAY AIRFLOW RATE. REFER TO SECTION 23 09 93.		

ROOF HOOD SCHEDULE

TAG	LOCATION	SERVES	CFM	MAX. FACE VELOCITY (FPM)	PRESS. DROP (IN. W.C.)	THROAT SIZE (W x L) (IN.)	HOOD SIZE (W x L) (IN.)	THROAT AREA (SF)	TYPE	DAMPER TYPE	CURB	MANUFACTURER	MODEL	NOTES
RH-1	ROOF	ERV-1	2,300	450	0.033	440	24x30	5	ROOF HOOD	MOTORIZED	24"	GREENHECK	FGR-24x30	1
RH-2	ROOF	ERV-2	1,784	450	0.034	446	24x24	4	ROOF HOOD	MOTORIZED	24"	GREENHECK	FGR-24x24	1
NOTES: 1. SEE SPECIFICATION SECTION [23 33 00] FOR ADDITIONAL INFORMATION.														

LOUVER SCHEDULE

TAG	LOCATION	SERVICE	CFM	SIZE (W x H) (IN.)	FACE VELOCITY (PPM)	S.P. (IN. W.C.)	MIN. % FREE AREA	FINISH	MANUFACTURER	MODEL	NOTES
L-1	WEIGHT ROOM	ERV-1	2,000	48x32	344	0.018	55.0	APPROVED BY ARCHITECT	GREENHECK	ESD-435-48x32	1
L-2	EQUIPMENT STORAGE	ERV-2	1,500	40x32	314	0.015	55.0	APPROVED BY ARCHITECT	GREENHECK	ESD-435-40x32	1
FINISH TYPE: 1. MILL FINISH 2. 204-R1 SATIN ANODIZED 3. BAKED ENAMEL FINISH ON PRETREATED PRIME PAINT. STANDARD COLOR - SELECTION BY ARCHITECT. 4. BAKED EPOXY FINISH ON PRIME COATED METAL. STANDARD COLOR - SELECTION BY ARCHITECT. 5. DURANODIC BRONZE - LIGHT, MEDIUM, DARK 6. PVDF (KYNAR 500, HYLAR 5000, OR DURANAR). STANDARD COLOR - SELECTION BY ARCHITECT. NOTES: 1. SEE SPECIFICATION SECTION [23 33 00] FOR ADDITIONAL INFORMATION.											

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT

Project Title:

HSR Project Number:
25007

Project Date:
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Drawn By:
ACE

Key Plan:

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Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN
Sheet Title: MECHANICAL SCHEDULES



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100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT

Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN

Project Title:
Sheet Title:

ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS

HSR Project Number:
25007

Project Date:
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Drawn By:
CJS / LA

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E001

GENERAL ELECTRICAL NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS & LOCAL UTILITY. E.C. SHALL CONTACT LOCAL UTILITY FOR EXACT SERVICE REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO TRANSFORMER, METERING AND CABLING. LOCAL UTILITY REQUIREMENTS SUPERSEDE DRAWINGS AND SPECIFICATIONS.
- SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
- INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
- UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
- ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT. AT LEAST ONE 120 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID. USAGE CHARGES SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.
- ELECTRICAL DEVICES/EQUIPMENT SHOWN AS DASHED AND BOLD ARE EXISTING TO BE REMOVED. ELECTRICAL DEVICES/EQUIPMENT SHOWN AS LIGHT AND SOLID ARE EXISTING TO REMAIN, AND ELECTRICAL DEVICES/EQUIPMENT SHOWN AS BOLD AND SOLID SHALL BE NEW.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN ONLY FOR COMMUNICATIONS DEVICES, INCLUDING 4" SQUARE, MINIMUM 2-1/8" DEEP BACKBOX WITH SINGLE GANG MUD RING AND 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING WITH 90 DEGREE BEND INTO THE ROOM AND PLASTIC BUSHING.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED COSTS AND SCHEDULING OF REQUIRED ELECTRICAL INSPECTIONS.
- ELECTRICAL CONTRACTOR SHALL SALVAGE DEVICES BEING REMOVED FOR SPECIALIZED SYSTEMS, INCLUDING BUT NOT LIMITED TO CARD READERS ALONG WITH ASSOCIATED EQUIPMENT, CAMERAS, AND ASSOCIATED EQUIPMENT. THESE ITEMS SHALL BE RETURNED TO THE OWNER.
- EC SHALL INCLUDE IN BID AN ALLOWANCE FOR OWNER TO ADD (8) RECEPTACLES DURING CONSTRUCTION WALK THROUGH. ASSUME NOT MORE THAN (1) NEW CIRCUITS. CIRCUITS WILL BE PULLED FROM THE NEAREST AVAILABLE NORMAL POWER PANEL.

ELECTRICAL SYMBOLS LEGEND

RECEPTACLES		LIGHTING	
	20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE		TROFFER STYLE FIXTURE, TYPE AS NOTED
	QUADPLEX RECEPTACLE		FIXTURE ON EMERGENCY POWER
	GFCI RECEPTACLE		STRIP LIGHT / SUSPENDED DIRECT/INDIRECT
	RECEPTACLE MTD, 6" ABOVE COUNTER OR HGT SHOWN		SURFACE MTD FIXTURE
	120V, 15A CLOCK OUTLET		PENDANT/SURFACE MTD UP/DOWN LIGHT
COMMUNICATIONS			RECESSED DOWNLIGHT FIXTURE
	TELEPHONE		WALL MOUNTED FIXTURE
	TELEPHONE DATA		EXIT SIGN (ARROWS INDICATED AS SHOWN) - (SHADING INDICATES # OF FACES)
	DATA ONLY		CLG MTD EMERGENCY FIXTURE
	COMMUNICATION DEVICE MTD, 6" ABOVE COUNTER OR HGT SHOWN		EMERGENCY FIXTURE
	WIRELESS ACCESS POINT	SWITCHING	
	CEILING MOUNTED SPEAKER		20A, 120/277V SPST SWITCH
	WALL MOUNTED SPEAKER		20A, 120/277V 3-WAY SWITCH
	SPEAKER VOLUME CONTROL		20A, 120/277V 4-WAY SWITCH
	TELEPHONE OUTLET		DIMMER SWITCH
	BELL		KEY OPERATED SWITCH
POWER			MOMENTARY CONTACT SWITCH
	PANEL BOARD		LOW VOLTAGE SWITCH
	DISTRIBUTION PANEL BOARD		THERMAL OVERLOAD SWITCH
	DISCONNECT		PILOT LIGHT
	FUSED DISCONNECT SWITCH		OCCUPANCY OVERRIDE SWITCH - DIS-ENGAGES OCCUPANCY SENSORS FOR PRESENTATIONS IN CONFERENCE ROOM
	EMERGENCY FUSED DISCONNECT SWITCH		CEILING MOUNTED OCCUPANCY SENSOR
	TRANSFORMER		TEXT DENOTES SWITCH LEG(S) CONTROLLED BY SENSOR
	MOTOR STARTER/CONTACTOR	FIRE ALARM	
	COMBINATION MOTOR STARTER		MANUAL PULL STATION 46" A.F.F. CENTER
	PUSH BUTTON STATION AS NOTED		STROBE ONLY 84" A.F.F. TO CENTER 15CD, 30CD, 75CD, 110CD
	J-BOX		HORN/STROBE 84" A.F.F. TO CENTER 15CD, 30CD, 75CD, 110CD
	POWER CONNECTION		SMOKE DETECTOR
	MOTOR CONNECTION		INDICATES ELEVATOR RECALL
			HEAT DETECTOR
			DUCT DETECTOR
			FIRE BARRIER CONNECTION
			SPRINKLER FLOW SWITCH
			TAMPER FLOW SWITCH
			MAGNETIC DOOR HOLD
			FIRE ALARM CONTROL PANEL
			FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL ABBREVIATIONS

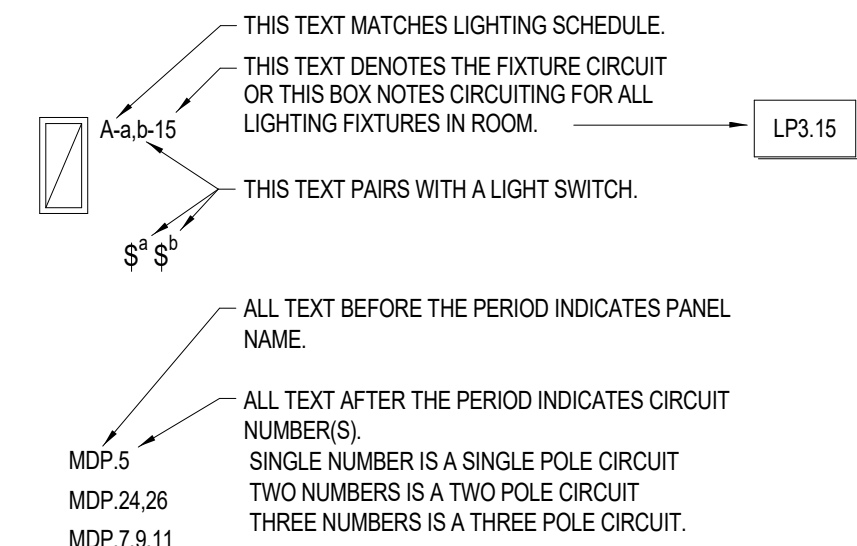
ALL ABBREVIATIONS MAY OR MAY NOT BE USED

AC	ABOVE COUNTERTOP	MCA	MINIMUM CIRCUIT AMPS
AFF	ABOVE FINISH FLOOR	MDP	MAIN DISTRIBUTION PANEL
AFG	ABOVE FINISH GRADE	MTD	MOUNTED
ANNC	ANNUNCIATOR	NL	NIGHT LIGHT
CC	CONTROLS CONTRACTOR	OCC	OCCUPANCY
DED	DEDICATED CIRCUIT	PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR	PE	PHOTOELECTRIC CELL
EM	EMERGENCY	PNL	PANEL
EX	EXISTING	SPST	SINGLE POLE SINGLE THROW
EXR	EXISTING RELOCATED	TC	TIME CLOCK
GC	GENERAL CONTRACTOR	TCP	TIME CLOCK - PHOTOCCELL
GFCI	GROUND FAULT CIRCUIT INTERRUPT	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
IBC	INTERNATIONAL BUILDING CODE	UNO	UNLESS NOTED OTHERWISE
IG	ISOLATED GROUND	WP	WEATHER PROOF
HP	HORSEPOWER	20A	20 AMP
LV	LOW VOLTAGE	Ø	PHASE
MC	MECHANICAL CONTRACTOR	3W	3 WIRE
		201	20 AMP SINGLE PHASE

SYMBOL LINEWEIGHT LEGEND

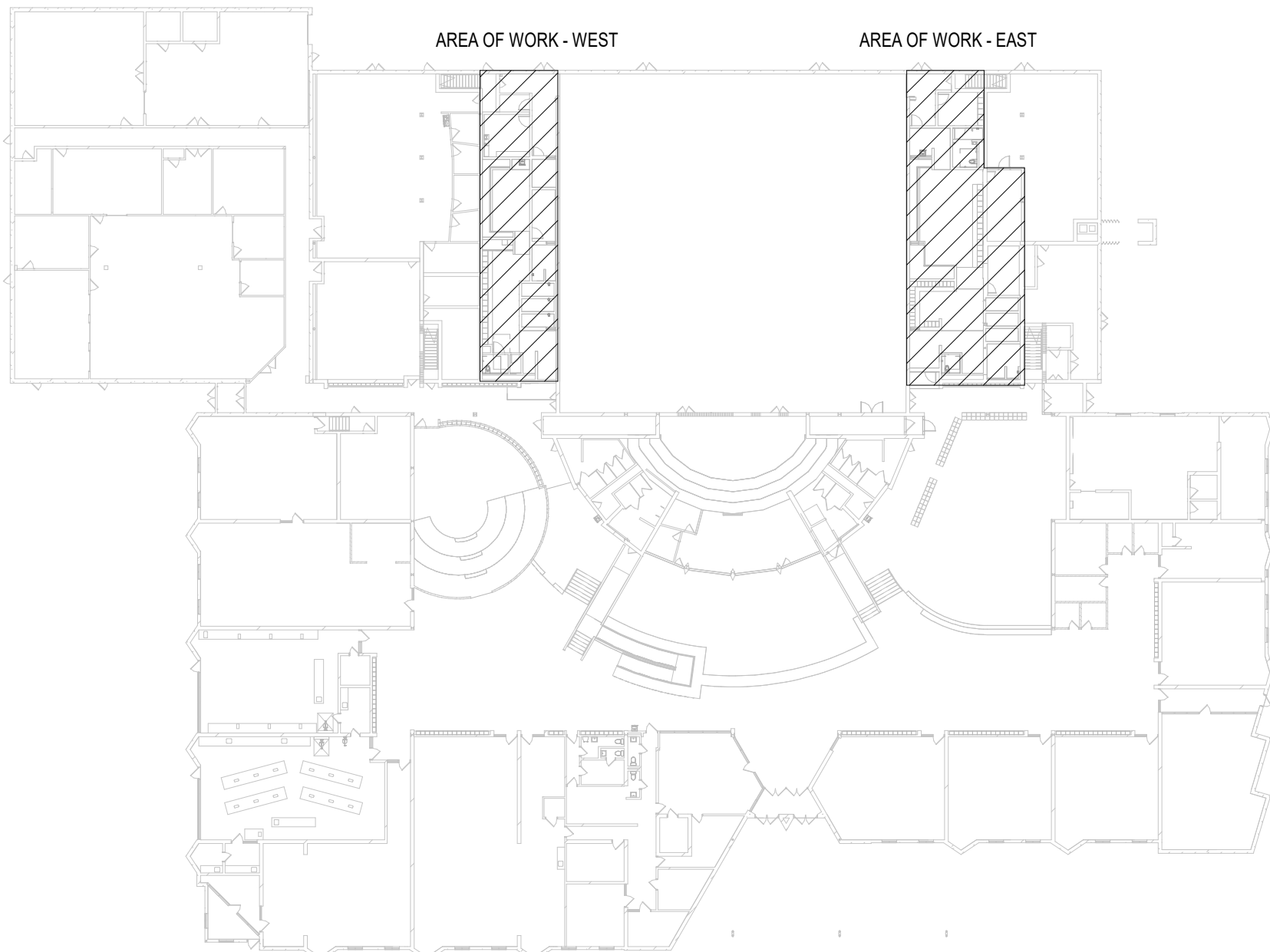
	LIGHT SOLID LINES
	= EXISTING DEVICE(S) TO REMAIN
	HEAVY, DASHED LINES
	= EXISTING DEVICE(S) TO BE REMOVED
	HEAVY, SOLID LINES
	= NEW DEVICE(S) TO BE INSTALLED

CIRCUITING



ELECTRICAL SHEET INDEX

E001	ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS
ED111	FIRST FLOOR ELECTRICAL DEMOLITION PLAN
E111	FIRST FLOOR LIGHTING PLAN
E121	FIRST FLOOR POWER & SYSTEMS PLAN
E212	SECOND FLOOR ELECTRICAL PLAN
E601	ELECTRICAL SCHEDULES



1 AREA OF WORK
1" = 40'-0"



HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

Project Title: IOWA GRANT SCHOOL DISTRICT

LOCKER ROOM LAYOUT

Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN

Sheet Title: FIRST FLOOR LIGHTING PLAN

HSR Project Number:
25007

Project Date:
APRIL 1, 2025

Drawn By:
CJS / LA

Key Plan:

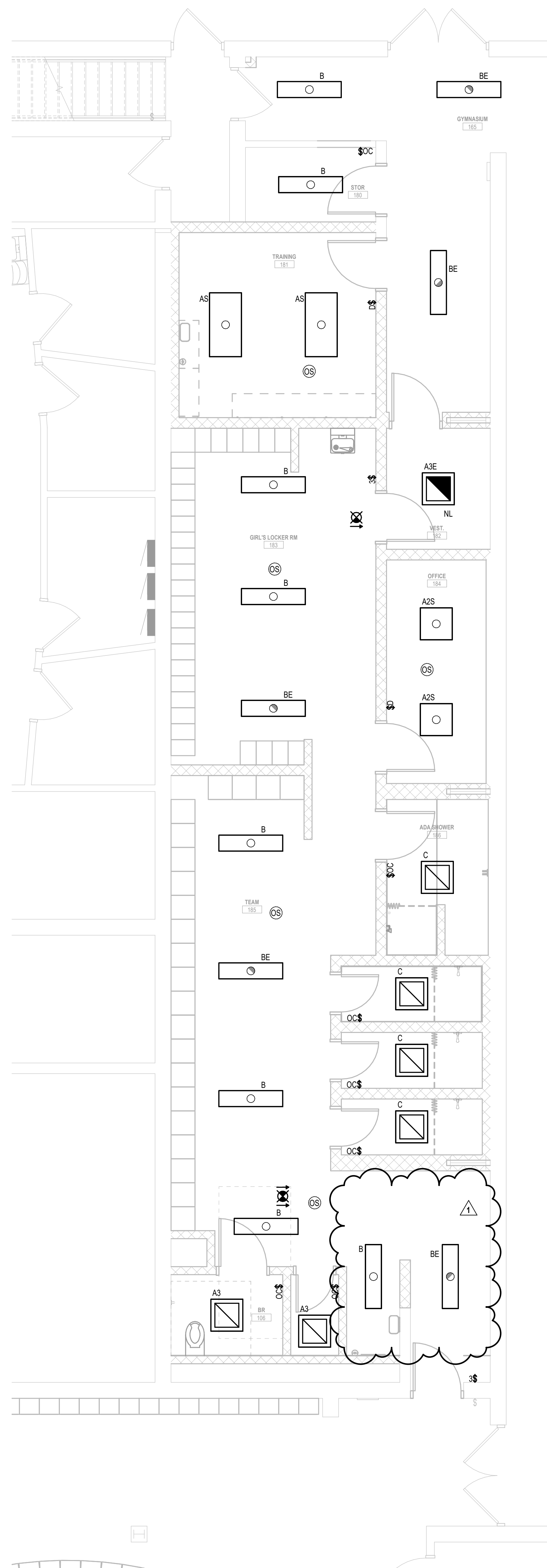
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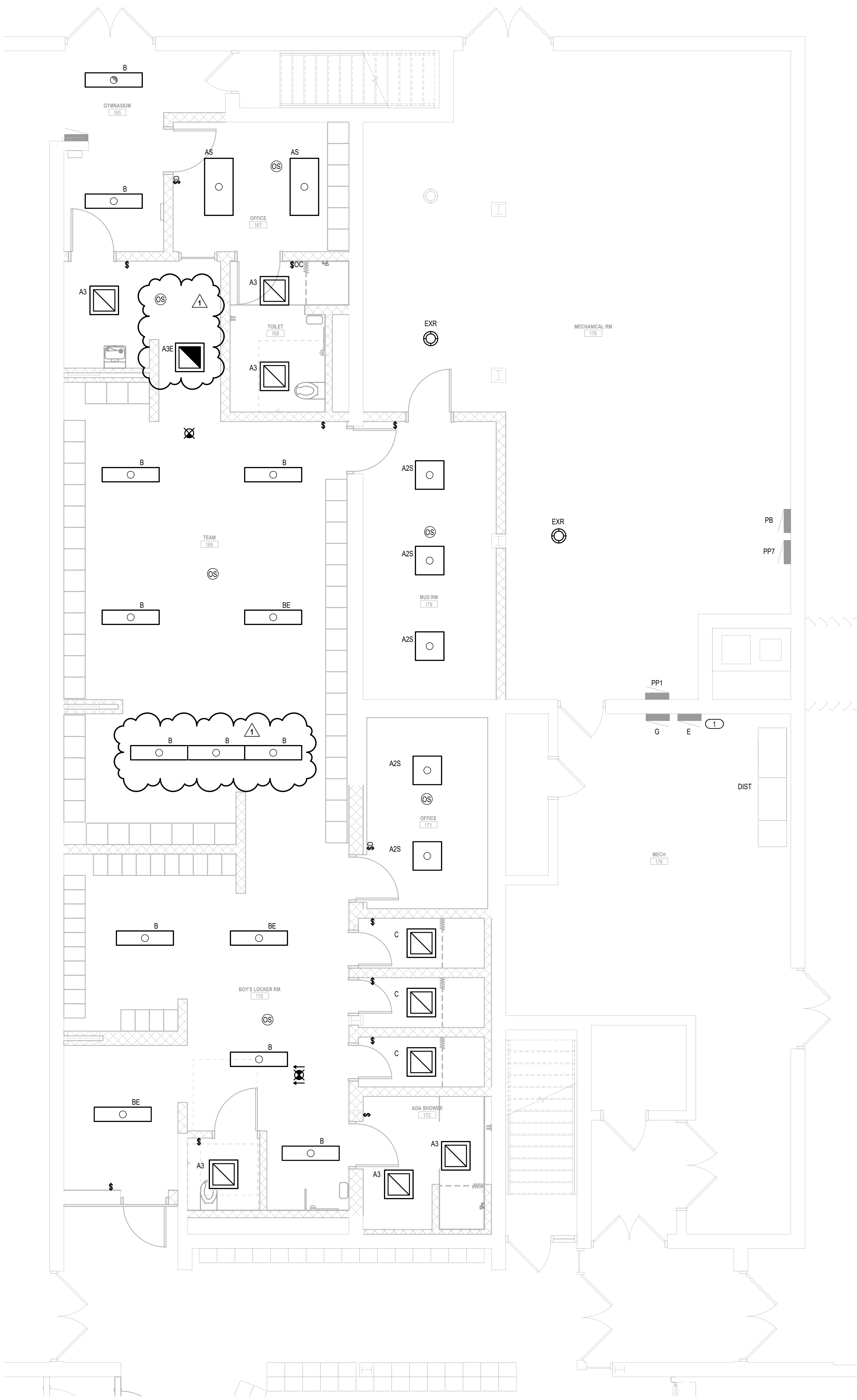
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E111



1 LIGHTING PLAN - WEST



2 LIGHTING PLAN - EAST

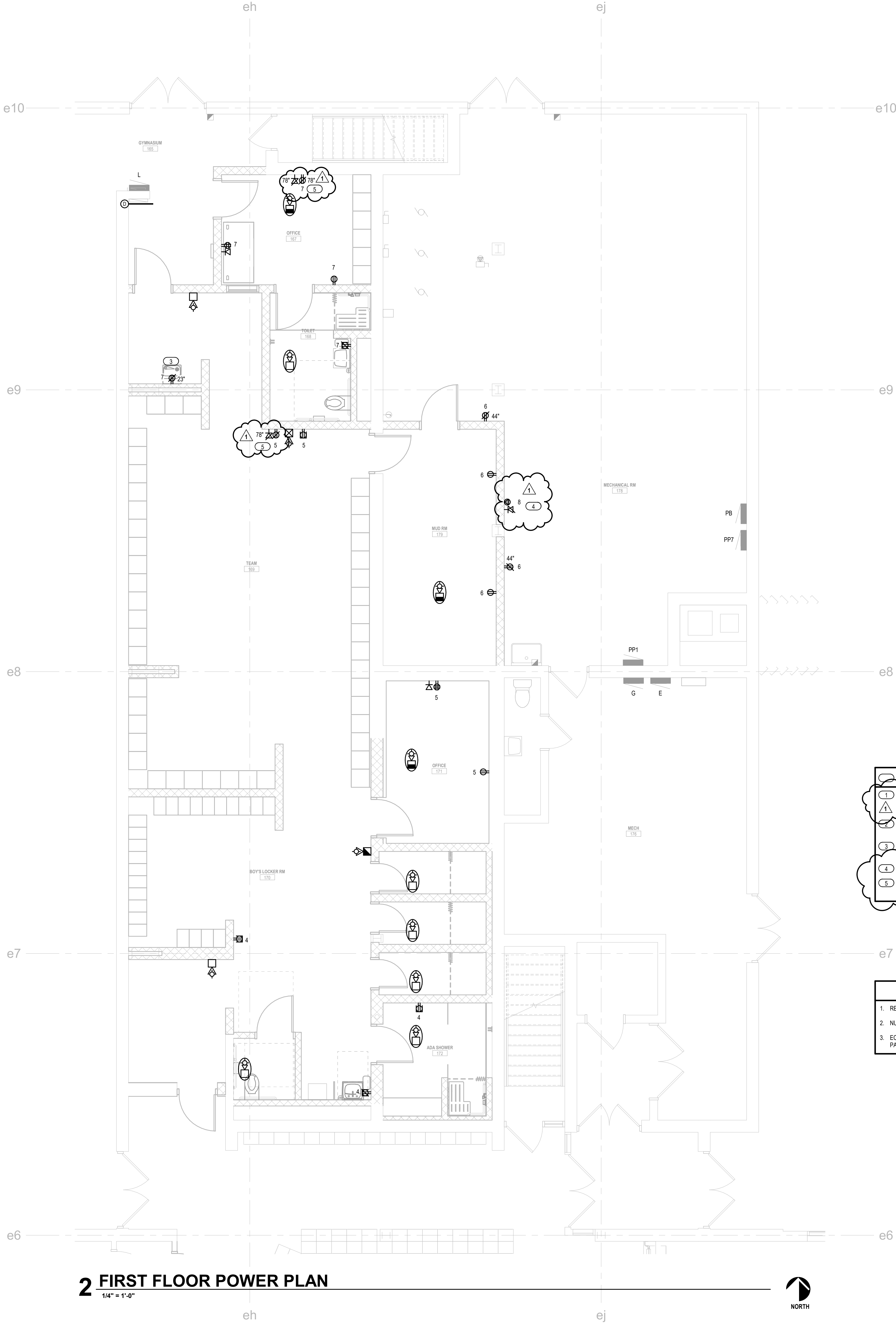


KEYED NOTES	
○	PROVIDE NEW 20A/1 CIRCUIT BREAKER FOR NEW EMERGENCY LIGHTING FIXTURES.

GENERAL NOTES	
1.	RE-USE SALVAGED CIRCUIT(S) UNLESS NOTED OTHERWISE.
2.	CIRCUIT EMERGENCY LIGHTS AND EXIT SIGNAGE TO PANEL 'E'.



1 FIRST FLOOR POWER PLAN
1/4" = 1'-0"



2 FIRST FLOOR POWER PLAN
1/4" = 1'-0"



KEYED NOTES		
1	DEDICATED 20A/1 CIRCUIT WITH 20A/1 GFCI CIRCUIT BREAKER. VERIFY RECEPTACLE / EQUIPMENT PLUG PRIOR TO INSTALLATION. PULL CIRCUIT(S) FROM SAME PANEL AS SALVAGED LOCKER ROOM CIRCUITS.	
2	DEDICATED 20A/1 CIRCUIT FOR FUTURE WHEELPOOL THERMO-BATH. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.	
3	RECEPTACLE SHALL BE SUPPLIED FROM 20A/1 GFCI CIRCUIT BREAKER. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.	
4	CIRCUIT CONTROL PANEL TO SPARE 20A/1 CIRCUIT BREAKER IN PANEL PP1.	
5	SCOREBOARD REPEATER STATION. TIE INTO GYM SCOREBOARD. VERIFY LOCATION AND HEIGHT PRIOR TO INSTALLATION. DISPLAY MEASURES 14.25"x10.25"x1.5".	

GENERAL NOTES	
1	RE-USE SALVAGED CIRCUIT(S) UNLESS NOTED OTHERWISE.
2	NUMBERS BY RECEPTACLE INDICATE CIRCUIT GROUPING.
3	EC SHALL PROVIDE (10) 20A/1 CIRCUIT BREAKERS TO CIRCUIT NEW RECEPTACLES TO PANEL "XYZ".

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HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
SALAS O'BRIEN PROJECT #: 2561-00257-00

IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT
462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN
FIRST FLOOR POWER & SYSTEMS PLAN

Project Title:
HSR Project Number:
25007

Project Date:
APRIL 1, 2025

Drawn By:
CJS / LA

Key Plan:

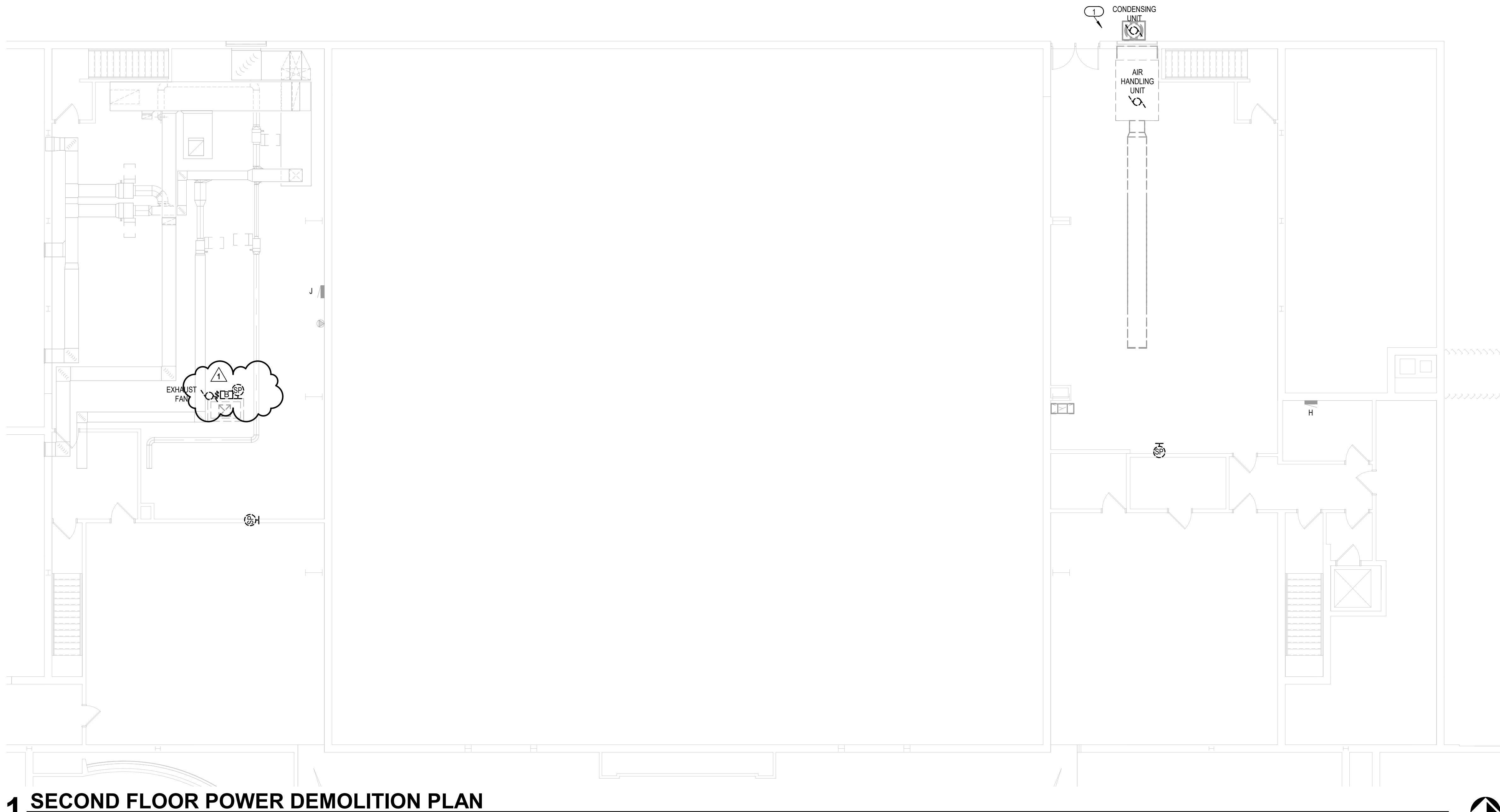
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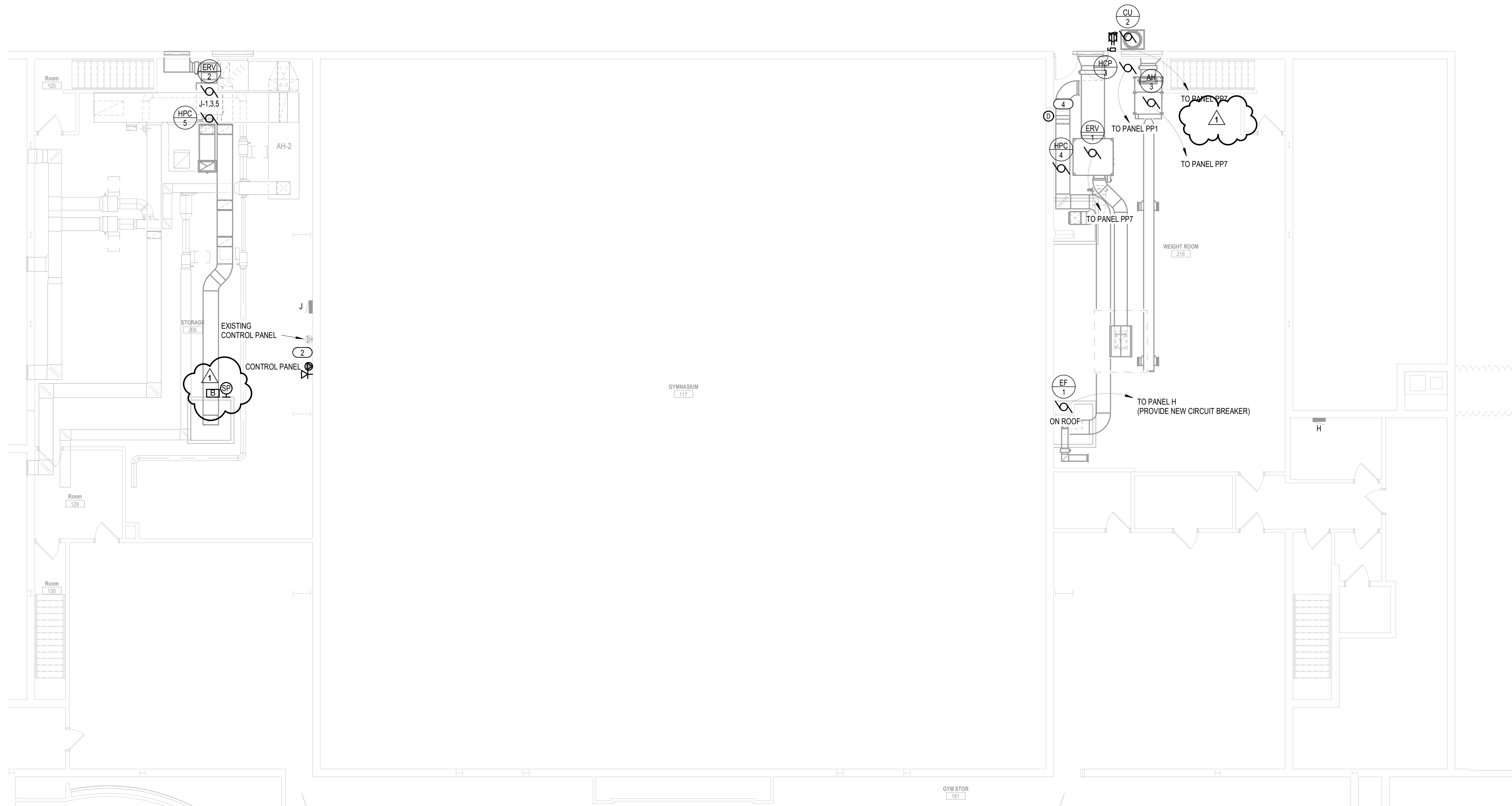
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E121



1 SECOND FLOOR POWER DEMOLITION PLAN

1/8" = 1'-0"



2 SECOND FLOOR POWER PLAN

1/8" = 1'-0"



3 EXISTING CU
NOT TO SCALE

KEYED NOTES	
1	DISCONNECT EXISTING CONDENSING UNIT. NEW CONDENSING UNIT TO REPLACE EXISTING. ADD NEW WEATHERPROOF DUPLEX NEAR CONDENSING UNIT. CIRCUIT RECEPTACLE TO NEAREST 120V UNSWITCHED CIRCUIT.
2	EXTEND EXISTING HVAC CONTROL PANEL POWER CIRCUIT TO NEW HVAC CONTROL PANEL.
3	NOT USED
4	PROVIDE NEW DETECTOR OR CONNECTED TO EXISTING FIRE ALARM SYSTEM. DETECTOR SHALL PROVIDE SHUT DOWN OF NEW ERV.

GENERAL NOTES	
1.	SALVAGE EXISTING RECEPTACLE AND LIGHTING CIRCUITS TO BE RE-USED.
2.	ALL ITEMS REMOVED AND NOT RELOCATED SHALL BE OFFERED TO OWNER PRIOR TO DISPOSAL. ITEMS ACCEPTED BY OWNER SHALL BE CLEANED PRIOR TO OWNER TAKING POSSESSION. ITEMS NOT ACCEPTED BY OWNER SHALL BE DISPOSED.
3.	ITEMS SHOWN AS REMOVED SHALL HAVE THE ITEM AND CIRCUIT REMOVED BACK TO THE PANELBOARD OR TO THE LAST ACTIVE DEVICE REMAINING.

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100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
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FAX: 608.782.5844
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Consultant:



2720 Arbor Ct, Eau Claire, WI 54701
715.832.5680 | salasobrien.com
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IOWA-GRANT SCHOOL DISTRICT
LOCKER ROOM LAYOUT

Project Title:

Project Location: 462 IOWA GRANT ROAD
LIVINGSTON, WISCONSIN

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