

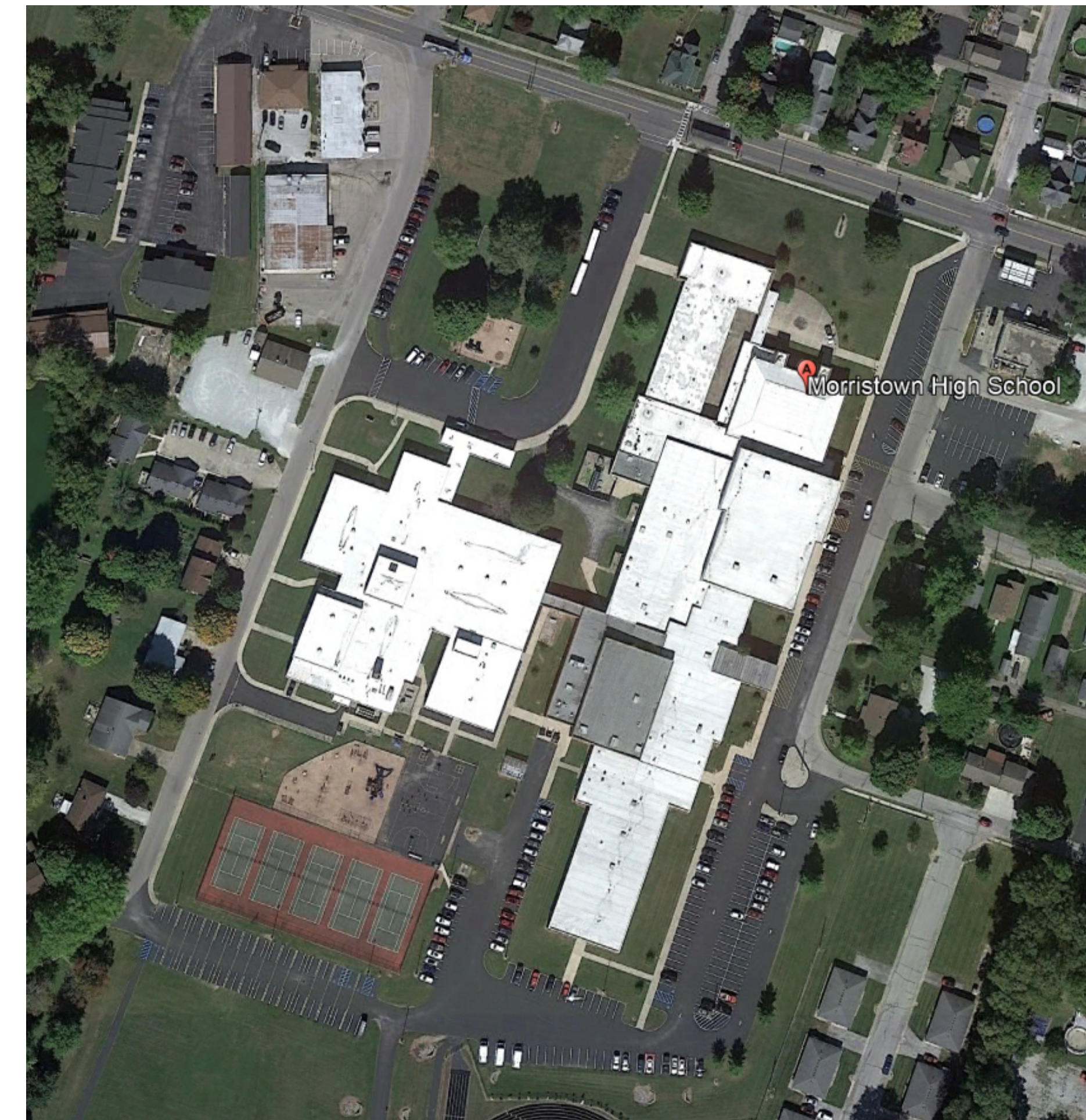
# Shelby Eastern Schools

## Morristown and Waldron JR/SR HS Restrooms

2022-023.MJS / 2022-023.WJS  
223 S Patterson St. 102 N East St.  
Morristown, IN 46161 Waldron, IN 46182



02.20.2023  
2022-023.MJS  
2022-023.WJS



Superintendent: Dr. Todd Hitchcock

School Board:  
President: Ben Kuhn  
Vice President: Brandon Kleine  
Secretary: Andrew Hawk  
Member: Jason Redd  
Member: Jason Yantiss  
Member: Lori Shaw  
Member: Emily Beal-Nelis  
Attorney: Taylor Hunter

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G-102	WALDRON - FIRE AND LIFE SAFETY PLAN
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### General Notes

Nothing set forth in these Drawings shall release any Contractor from responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage and coordination with other trades, or waive the Contractor's responsibility to identify and resolve deviations from the requirements of the Contract Documents, or waive the Contractor's responsibility to alert the Architect to errors or omissions contained therein.

Each Contractor shall verify in the field all existing applicable conditions and dimensions shown on the Drawings and as pertinent to the intent of these Drawings. Any discrepancy discovered shall be brought to the attention of the Architect prior to the commencement of any Work affected by, or related to, such discrepancy.

Each Contractor shall be responsible for all costs associated with, or caused by failure to comply with requirement.

Each Contractor shall review in advance all portions of the Work to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall be promptly referred to the Architect for resolution.

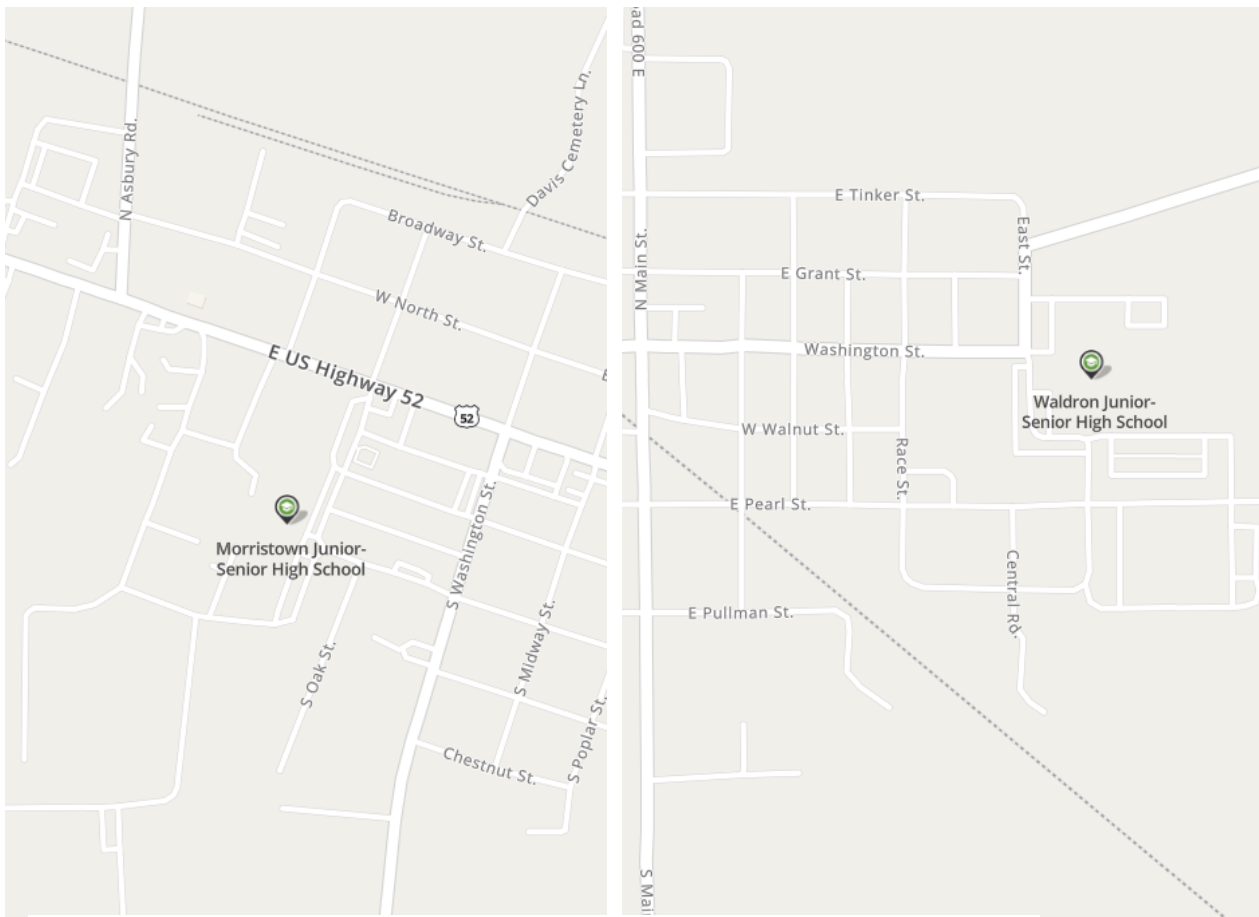
Each Contractor shall refer to the Project Manual for cleaning and disposal requirements.

Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner.

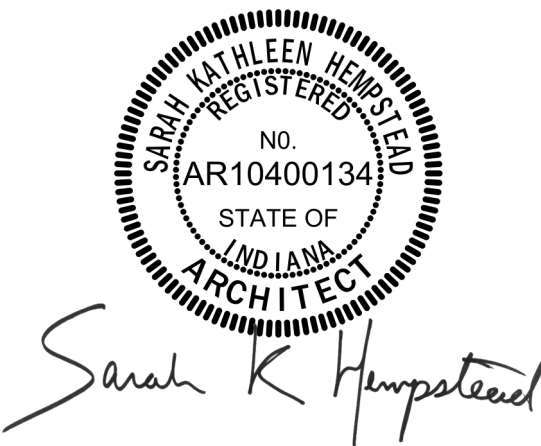
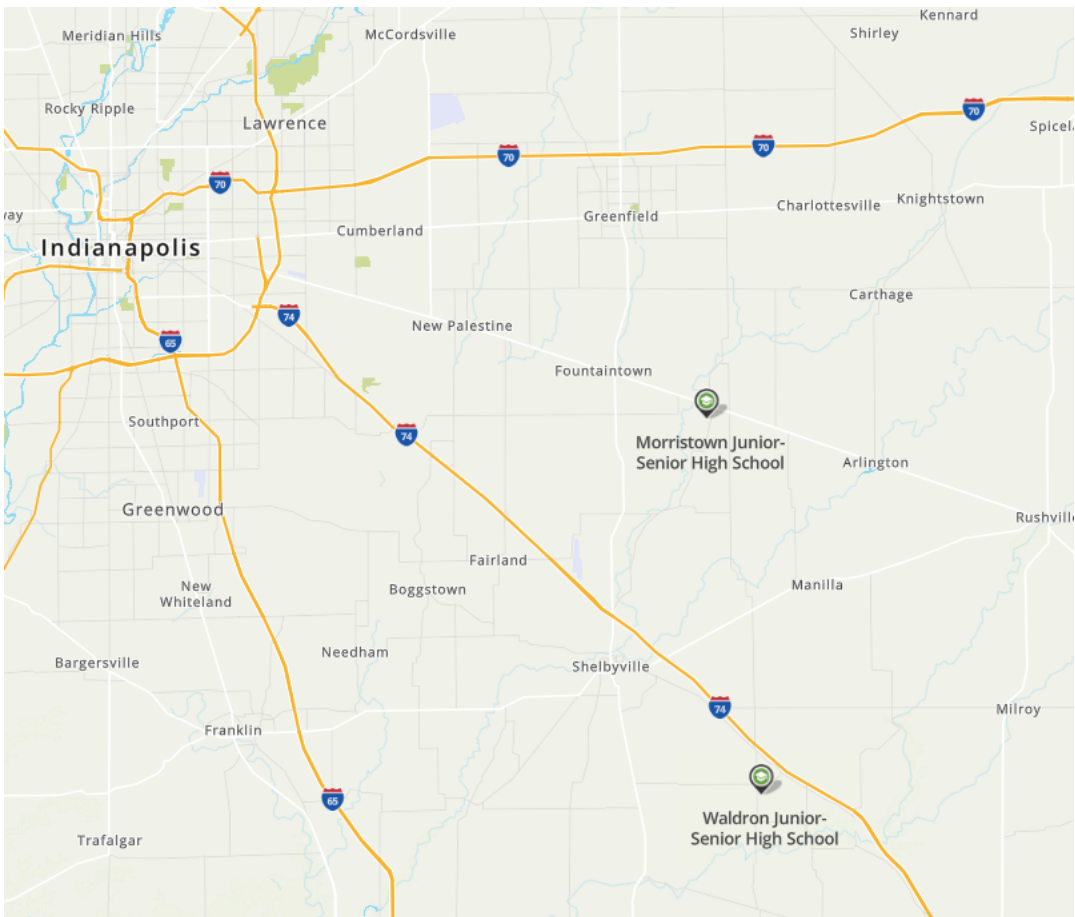
Each Contractor shall coordinate respective cutting and patching Work with the other Prime Contracts.

Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and complete understanding of the Work described on all Sheets of the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the responsibility to provide materials, assemblies, or services indicated in the Contract Documents.

### Vicinity Map



### Thoroughfare Map



CD QAQC Set - Not For Construction

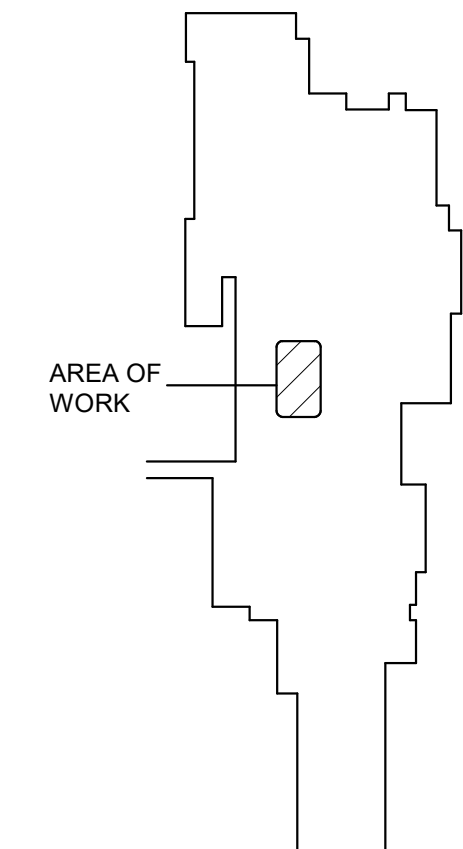
Shelby Eastern Schools  
Morristown and Waldron JR/SR HS Restrooms

Project No. 2022-023.MJS  
Project Date 02.20.2023  
Produced DM

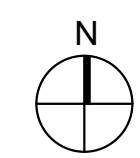


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#	Revision	Date
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## KEY PLAN



Shelby Eastern  
Schools

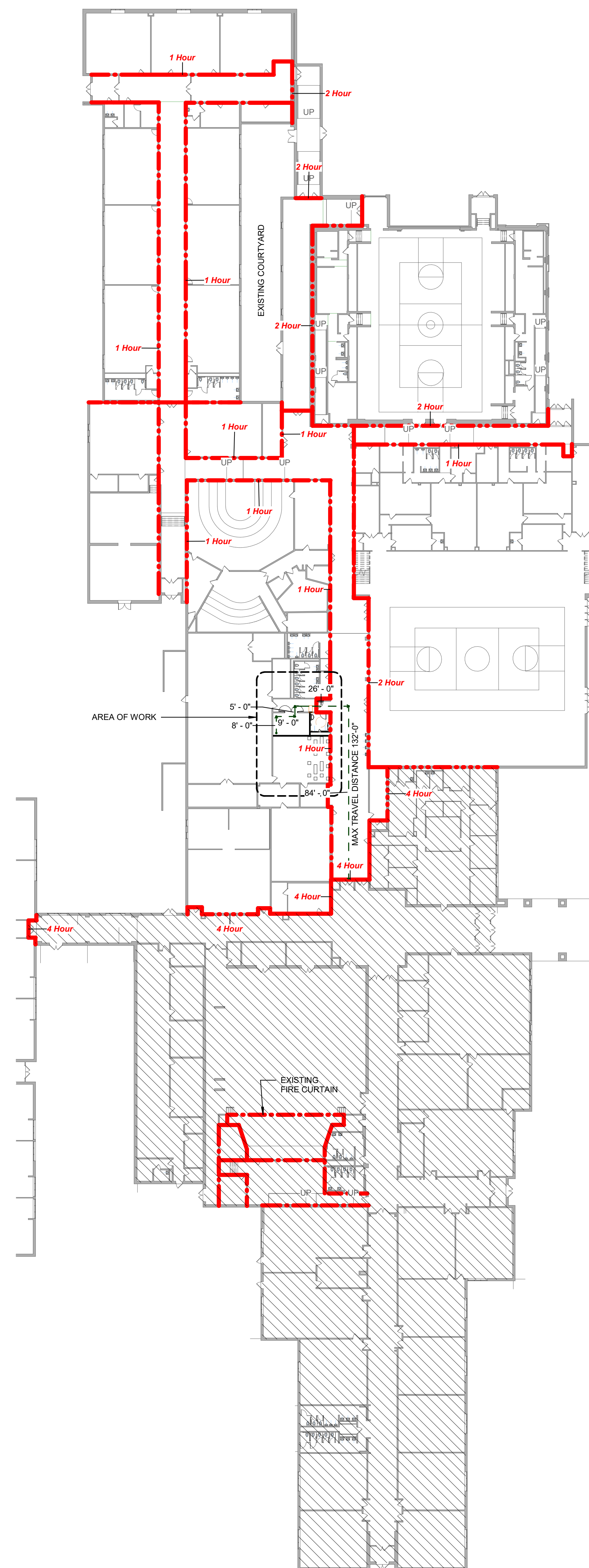


Morristown and  
Waldron JR/SR HS  
Restrooms

## MORRISTOWN FIRE AND LIFE SAFETY PLAN

G-101

<b>APPLICABLE CODE:</b>	2014 Indiana Building Code *Code referenced unless noted otherwise
<b>SCOPE OF WORK:</b>	Divide an existing room to create a new Family Restroom and Storage Room
<b>OCCUPANCY SEPARATIONS:</b>	Educational use and assembly areas associated with the E Occupancy - E Occupancy (305.1, 303.1, 303.1.3)
<b>CONSTRUCTION TYPE:</b>	Type IIB Construction existing
<b>FIRE BARRIER:</b>	
<b>OCCUPANT LOAD FACTORS:</b>	Classrooms: 20 sq. ft./occ. Offices: 100 sq. ft./occ. Unconcentrated assembly use: 15 sq. ft./occ. [Table 1004.1.2]
<b>TRAVEL DISTANCE TO EXIT:</b>	The maximum travel distance to an exit (interior exit, enclosed staircase, or horizontal exit) shall not exceed 100 feet. [Table 1004.2.4]



TOTAL EXISTING: 123,216 GSF  
REMODEL AREA: 1,115 SF

NOTE: ALL EXISTING INFORMATION IS BASED ON INFORMATION RECEIVED FROM THE OWNER

## LIFE SAFETY PLAN LEGEND

Room name  
101

AREA: 150 S

Occupancy
Load: ##

EG	# of Exits: #
----	---------------

EGRESS INFORMATION TAG

LOCK BOX

## ANNUNCIATOR PANEL

FIRE EXTINGUISHER (NOT REQUIRED)



• NON-RATED INCIDENTAL-USE WALL [508.2.2.1]

1-HOUR FB RATED WALL

2-HOUR FB RATED WALL

4-HOUR FB RATED WALL

1-HOUR FIRE PARTITION [419, 1017.1]

SPRINKLERED AREA

### 5.1.100 - FIRE AND LIFE SAFETY LEGEND

$1/4" = 1'-0"$

## FIRST FLOOR FIRE AND LIFE SAFETY PLAN

1A 1" = 30'-0"

## LIFE SAFETY PLAN LEGEND

Room name	
101	
AREA:	150 SF
Occupancy	
Load: ##	
# of Exits: #	

EGRESS INFORMATION TAG

LOCK BOX

ANNUNCIATOR PANEL



FIRE EXTINGUISHER (NOT REQUIRED)

NON-RATED INCIDENTAL-USE  
WALL [508.2.2.1]

— . — . — . — 1-HOUR FB RATED WALL

— · — · — 2-HOUR FB RATED WALL

— . . . — 4-HOUR FB RATED WALL

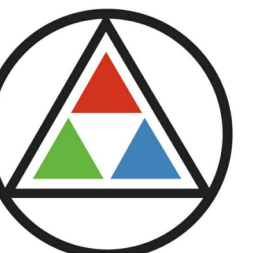
----- 1-HOUR FIRE PARTITION [419, 1017.1]



SPRINKLERED AREA

## CODE SUMMARY

APPLICABLE CODE:	2014 Indiana Building Code (Kc referenced unless noted otherwise)
SCOPE OF WORK:	Divide an existing room into a new Family Restroom and Storage Room
OCCUPANCY SEPARATIONS:	Educational use and assembly areas associated with the E Occupancy - E Occupancy (305.1, 303.1.3)
CONSTRUCTION TYPE:	Type IIB Construction existing
FIRE BARRIER:	
OCCUPANT LOAD FACTORS:	Classrooms: 20 sq. ft./occ. Offices: 100 sq. ft./occ. Unconcentrated assembly use: 15 sq. ft./occ. [Table 1004.1.2]
TRAVEL DISTANCE TO EXITS:	Unconcentrated assembly use: 150 ft. to an interior exit, enclosed stairway, or horizontal exit, is 200 feet for E Occupancy [Table 1004.1.2]



**SCHMIDT**  
ASSOCIATES  
415 Massachusetts Avenue  
Indianapolis, IN 46204  
[www.schmidt-arch.com](http://www.schmidt-arch.com)

Project No. 2022-023.WJS  
Project Date 02.16.2023  
Produced DM



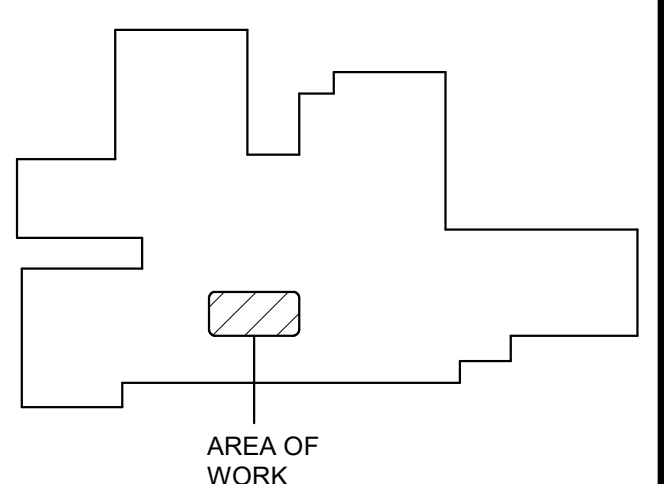
Sarah K Hempstead

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#	Revision	Date
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102 N East St  
Waldron, IN 46182

WALDRON HS



## KEY PLAN

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

WALDRON - FIRE AND  
LIFE SAFETY PLAN

G-102

**1A FIRST FLOOR FIRE AND LIFE SAFETY PLAN**  
1" = 30'-0"

6

5

4

3

2

1



DOOR & FRAME SCHEDULE														
MARK	DOOR PANEL							FRAME			LABEL	HDWR SET	NOTES	MARK
	TYPE	QTY	MATL	GLAZ	SIZE			MARK	MATL	GLAZ				
					H	W	TH							
223A	F	1	WD	--	6'- 8"	3'- 0"	1 3/4"	F1	HM	--	20 MIN	05	1	223A
223B	F	2	WD	--	6'- 8"	6'- 0"	1 3/4"	F1	HM	--	04	04	1,2	223B
286	NV	1	WD	--	6'- 8"	3'- 0"	1 3/4"	F1	HM	--	20 MIN	06		286

GENERAL NOTES

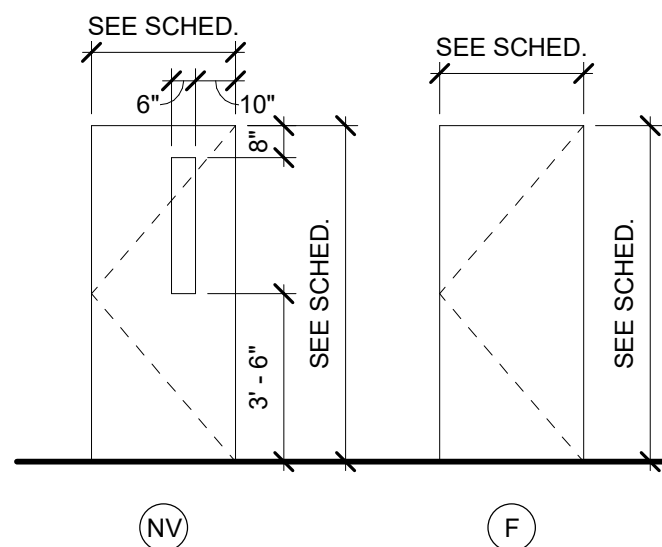
- A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.
- B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.
- C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.
- D. An asterisk (\*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.
- E. Verify locksets with the Owner during submittals.

ABBREVIATIONS

- AL Aluminum  
HM Hollow Metal  
ST Steel  
WD Wood  
TG Tempered Glazing  
IG Insulated Glazing  
LG Laminated Glazing  
FG Frosted Glazing  
SP Spandrel Panel

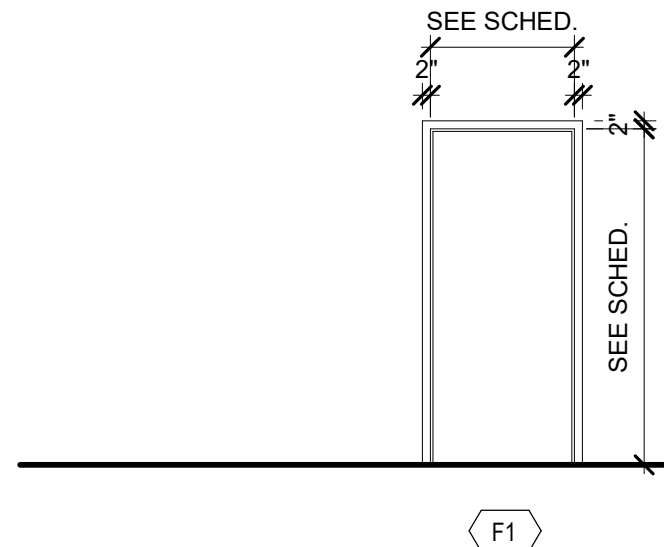
DOOR & FRAME SCHEDULE NOTES

- See Door Schedule
1. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
2. Set door in frame to allow for 180" door swing.



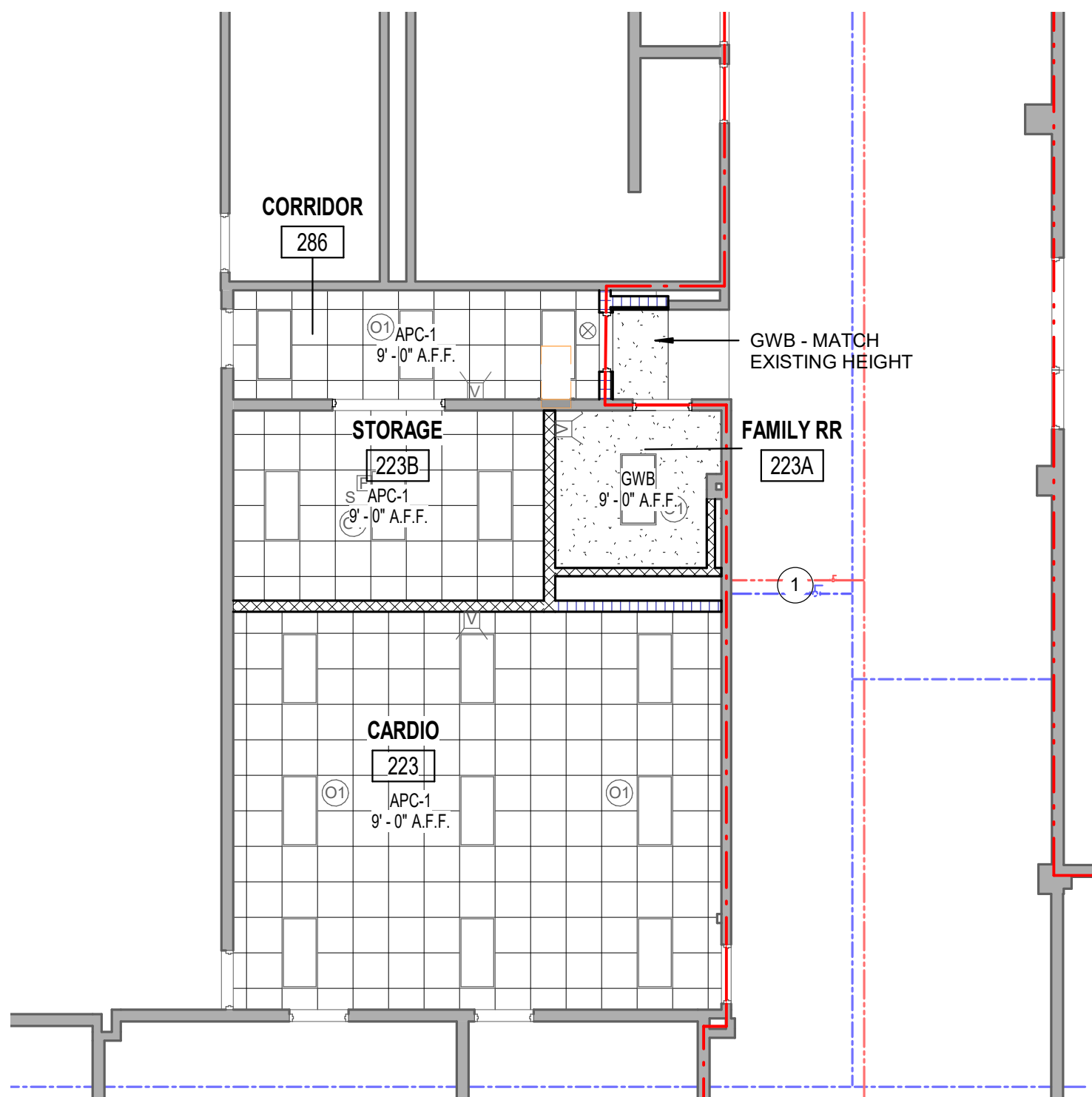
5.4.602 - DOOR PANEL ELEVATIONS

1/4" = 1'-0"



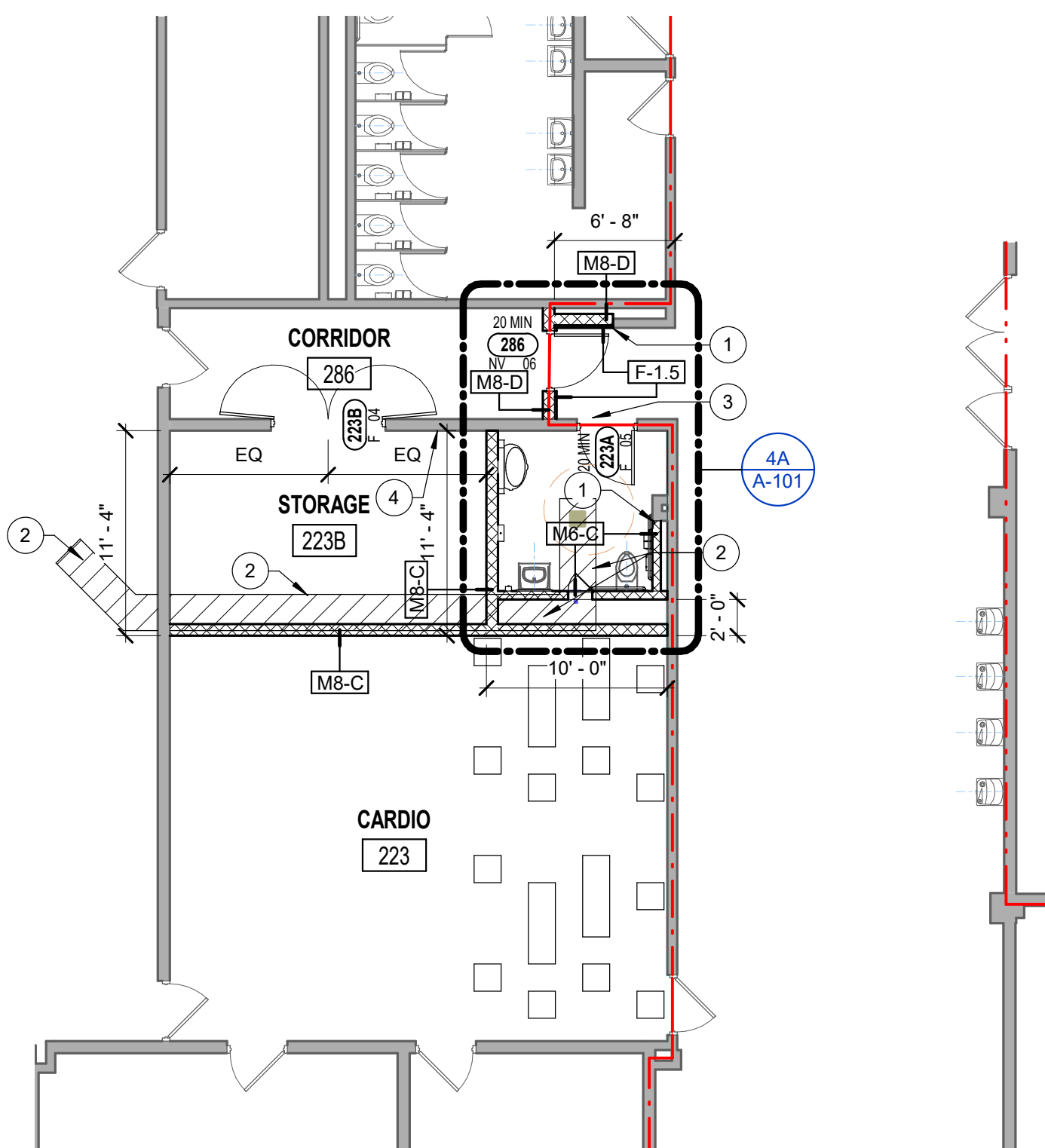
5.4.603 - FRAME ELEVATIONS

1/4" = 1'-0"



3B PARTIAL REFLECTED CEILING PLAN

1/8" = 1'-0"



3A PARTIAL FLOOR PLAN

1/8" = 1'-0"

REFLECTED CEILING PLAN  
LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
Walls to Deck		Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Return Air	(Reference M-Series Dwgs)	SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)
Supply Air	(Reference M-Series Dwgs)	

DEMOLITION FLOOR PLAN NOTES

#	Note
1	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSE WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
2	REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
3	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
4	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
5	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
6	REMOVE EXISTING CONCRETE FLOOR SLAB IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
7	TEMPORARILY REMOVE AND REINSTALL LOOSE LAID RUBBER FLOORING AS REQUIRED FOR WORK ASSOCIATED WITH UNDER SLAB PLUMBING. SEE P-SERIES DRAWINGS.

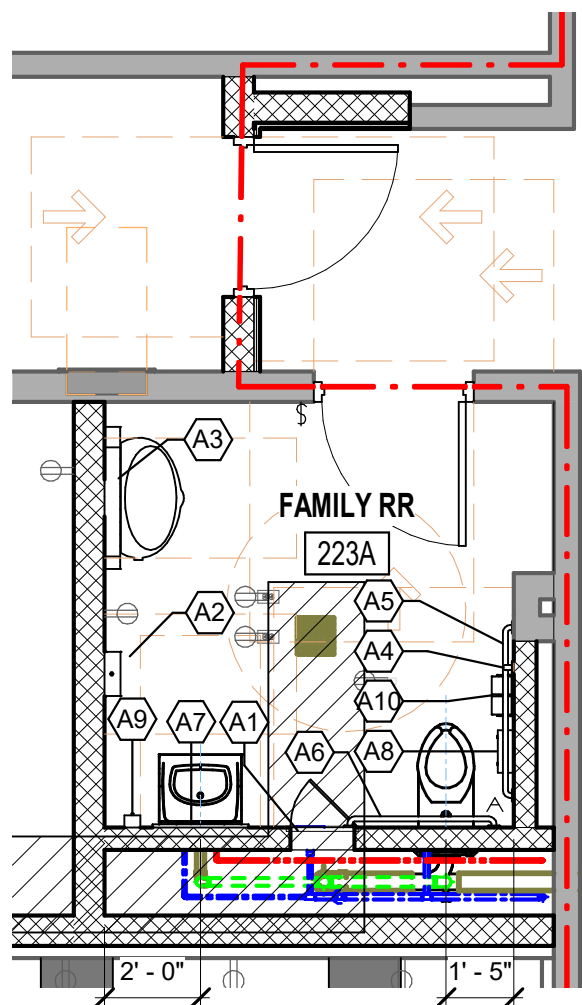
FLOOR PLAN NOTES

#	Note
1	ALIGN FACE OF NEW WALL/FILL WITH ADJACENT WALL FACE.
2	PATCH AND REPAIR EXISTING SLAB. TOP OF NEW SLAB TO BE FLUSH WITH EXISTING SLAB. DOWEL INTO EXISTING SLAB WITH #4 DOWELS @ 18" O.C. W/ 2-PART EPOXY ANCHORING SYSTEM MIN 6" EMBEDMENT. REFER TO MEPT-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
3	PATCH AND REPAIR EXISTING FLOORS AS REQUIRED FROM WALL DEMOLITION. SEE I-SERIES DRAWINGS FOR NEW FLOOR FINISH.
4	PATCH AND REPAIR EXISTING WALL FROM ELECTRICAL PANEL RELOCATION. SEE E-SERIES DRAWINGS.

REFLECTED CEILING PLAN NOTES

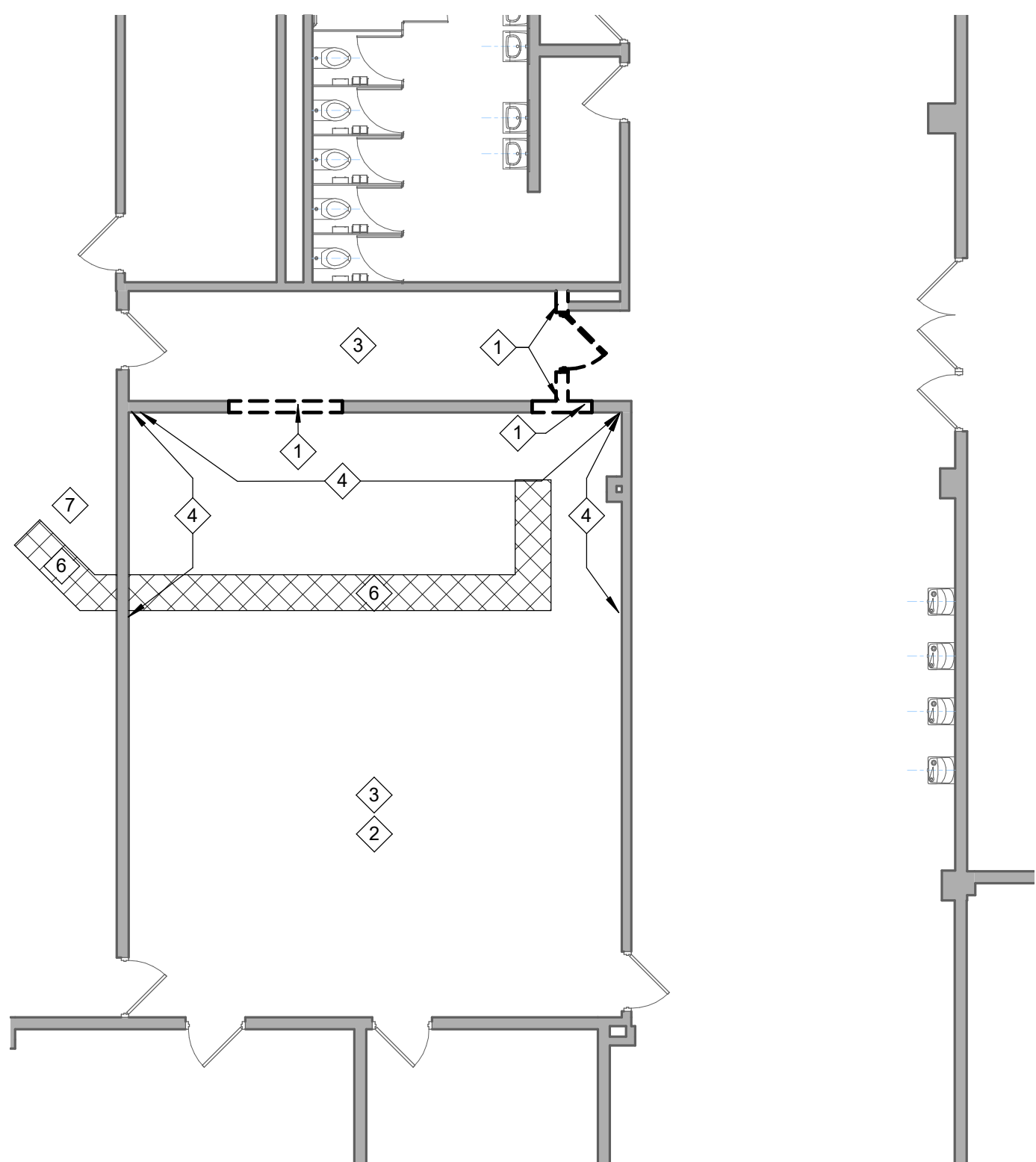
#	Note
1	PATCH AND REPAIR EXISTING CEILING AS REQUIRED FOR PLUMBING WORK. SEE P-SERIES DRAWINGS.

5.4.401 - RESTROOM ACCESSORY SCHEDULE					
Type Mark	Keystone	Description	Mounting	Furnished By	Installed By
A1	08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A2	10 28 00	PAPER TOWEL DISPENSER - SLIM	DISPENSER OPENING @ 42" AFF	OWNER	OWNER
A3	10 28 00	CHANGING TABLE - SURFACE MOUNTED	UNDERSIDE OF BED @ 2'-3" MIN AFF	CONTRACTOR	CONTRACTOR
A4	10 28 00	GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A5	10 28 00	GRAB BAR - 42" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A6	10 28 00	GRAB BAR - 36" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A7	10 28 13	MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A8	10 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	OWNER	OWNER
A9	10 28 00	SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	OWNER	OWNER
A10	10 28 00	TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1'-6" AFF	OWNER	OWNER



4A ENLARGED FLOOR PLAN

1/4" = 1'-0"



1A PARTIAL DEMOLITION PLAN

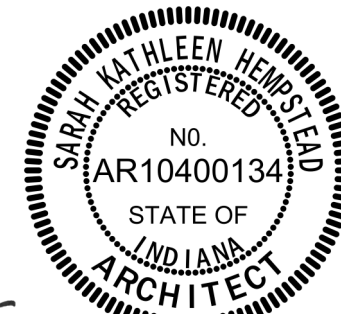
1/8" = 1'-0"



SCHMIDT ASSOCIATES

415 Massachusetts Avenue  
Indianapolis, IN 46204  
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Project No. 2022-023.MJS  
Project Date 02.20.2023  
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Sarah K. Hempstead

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# Revision Date

223 S Patterson St.  
Morristown, IN 46161

MORRISTOWN HS

AREA OF WORK

KEY PLAN

Shelby Eastern Schools



Morristown and Waldron JR/SR HS Restrooms

MORRISTOWN - FLOOR PLANS

A-101

DOOR & FRAME SCHEDULE														
MARK	DOOR PANEL							FRAME			LABEL	HDWR SET	NOTES	MARK
	TYPE	QTY	MATL	GLAZ	SIZE			MARK	MATL	GLAZ				
					H	W	TH							
442A	F	1	WD	--	6" - 8"	3' - 0"	1 3/4"	F1	HM	--	20 MIN	02	1	442A
443	NV	1	WD	--	6" - 8"	3' - 0"	1 3/4"	F1	HM	--	20 MIN	01	2	443
443A	F	1	WD	--	6" - 8"	3' - 0"	1 3/4"	F1	HM	--		03		443A

**GENERAL NOTES**

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (\*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals

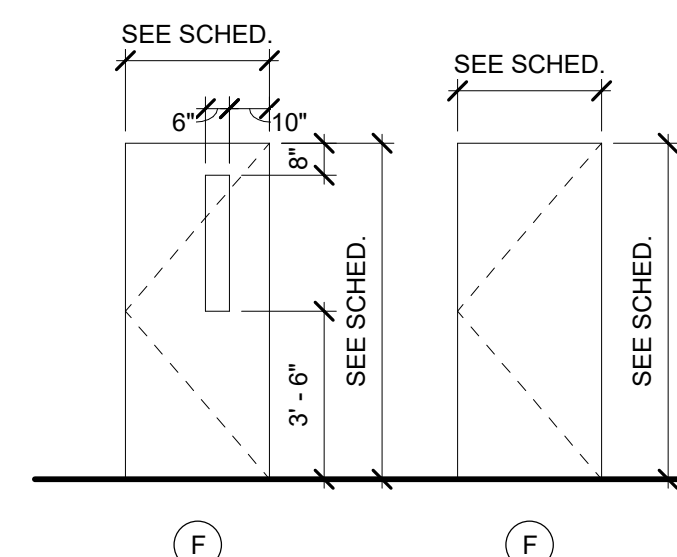
## ABBREVIATIONS

AL Aluminum  
HM Hollow Metal  
ST Steel  
WD Wood  
TG Tempered Glazing  
IG Insulated Glazing  
LG Laminated Glazing  
FG Frosted Glazing  
SP Spandrel Panel

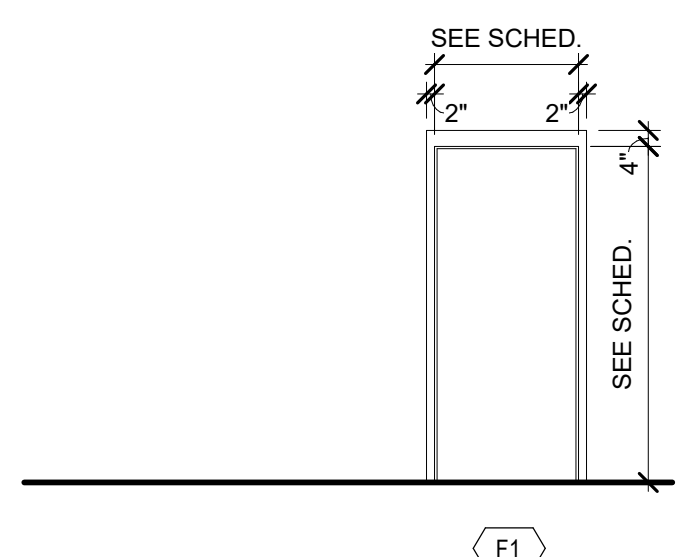
**DOOR & FRAME SCHEDULE NOTES**

See Door Schedule

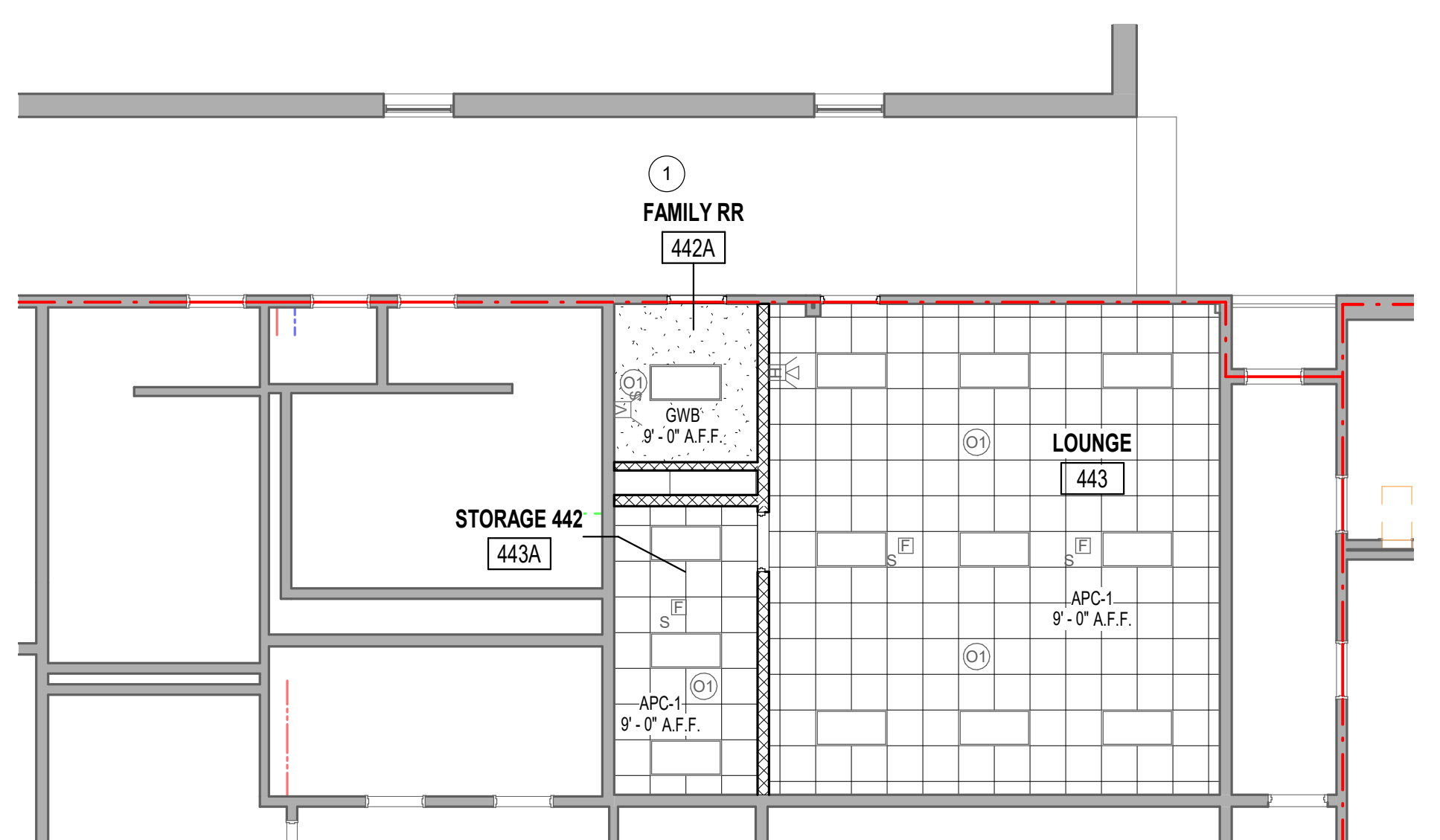
1. New door/frame in existing opening. Verify existing opening size.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.



### 5.4.602 - DOOR PANEL ELEVATIONS

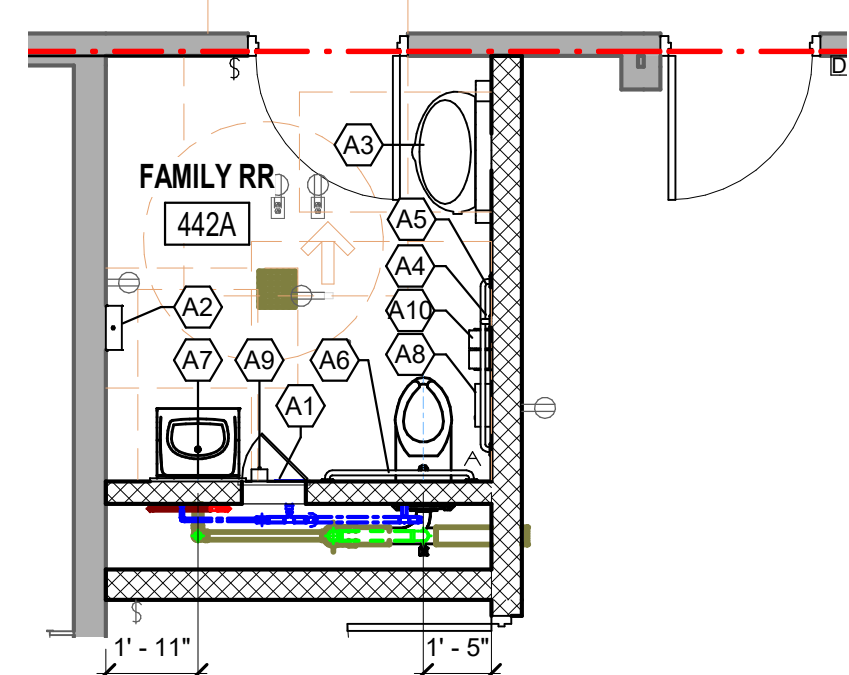


### 5.4.603 - FRAME ELEVATIONS

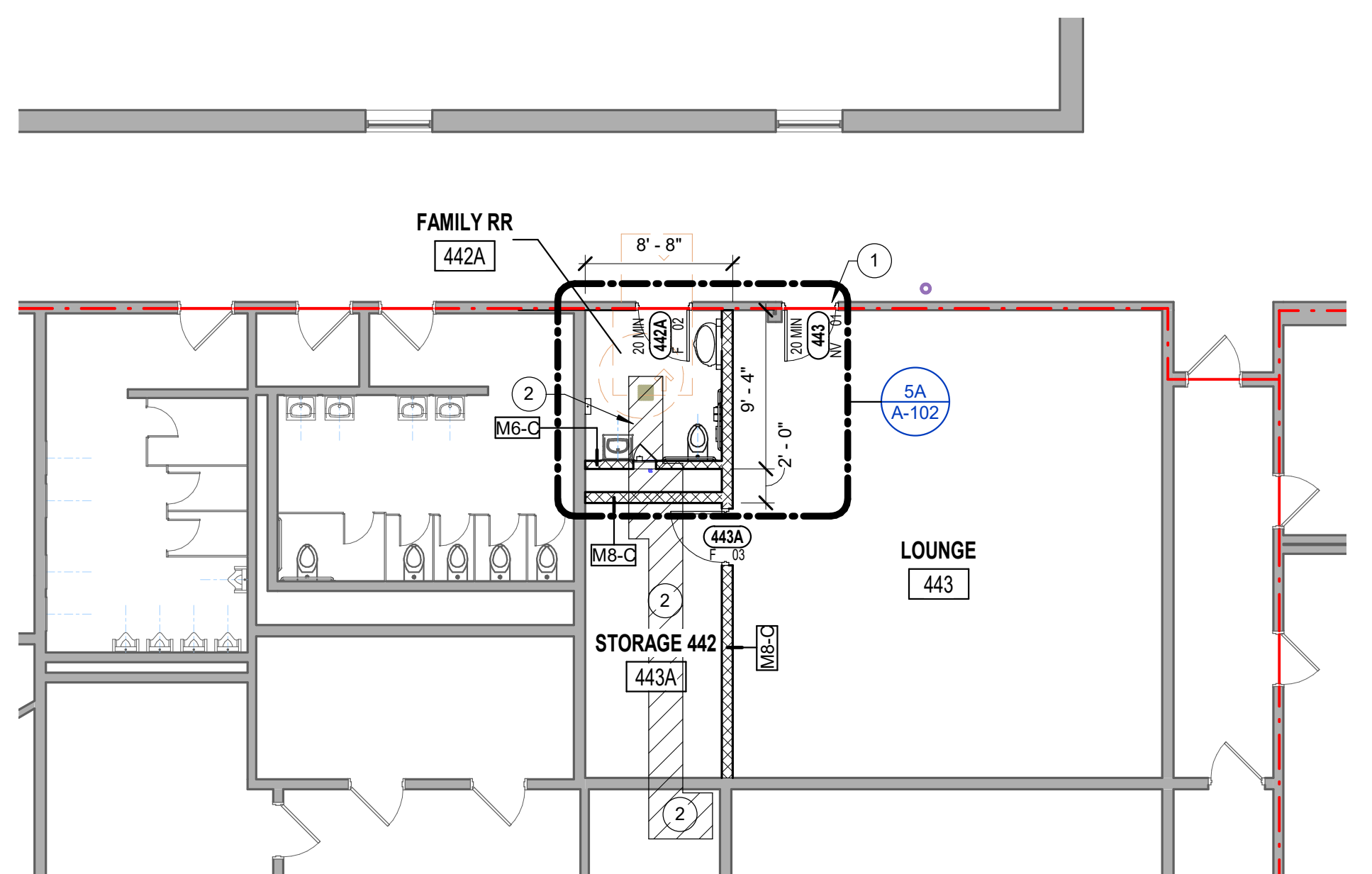


**3B PARTIAL REFLECTED CEILING PLAN**  
1/8" = 1'-0"

5.4.401 - RESTROOM ACCESSORY SCHEDULE						
Type	Mark	Keynote	Description	Mounting	Furnished By	Installed By
A1		08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A2		12 28 00	PAPER TOWEL DISPENSER - SLIM	DISPENSER OPENING @ 42" AFF	OWNER	OWNER
A3		12 28 00	CHANGING TABLE - SURFACE MOUNTED	UNDERSIDE OF BED @ 2' - 3" MIN AFF	CONTRACTOR	CONTRACTOR
A4		12 28 00	GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A5		12 28 00	GRAB BAR - 42" HORIZONTAL	TOP @ 2-11" AFF	CONTRACTOR	CONTRACTOR
A6		12 28 00	GRAB BAR - 36" HORIZONTAL	TOP @ 2-11" AFF	CONTRACTOR	CONTRACTOR
A7		12 28 13	MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A8		12 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 36" AFF	OWNER	OWNER
A9		12 28 00	SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	OWNER	OWNER
A10		12 28 00	TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1-8 AFF	OWNER	OWNER











**5A ENLARGED RESTROOM PLAN**  
1/4" = 1'-0"



**3A PARTIAL FLOOR PLAN**  
1/8" = 1'-0"

### REFLECTED CEILING PLAN LEGEND

<p><b>APC-1</b></p> <p>2' X 2' Acoustical Panel Ceiling (09 51 13)</p> 	<p>Light Fixture (Reference E-Series Dwgs)</p> 
<p><b>GWB</b></p> <p>5/8" GWB on Grid Suspension System (09 22 16)</p> 	<p>Exit Light (Reference E-Series Dwgs)</p> 
<p><b>Walls to Deck</b>      </p>	<p>Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)</p> 
<p>Return Air (Reference M-Series Dwgs)</p> 	<p>SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)</p> 
<p>Supply Air (Reference M-Series Dwgs)</p> 	

### DEMOLITION FLOOR PLAN NOTES

# #

# NOTE

1 REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION FOR PATCH AND REPAIR. PATCH AND REPAIR EXISTING WALLS AND FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING CONSTRUCTION TO MATCH EXISTING SURFACES. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.

2 REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVE/STICK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE, PATCH AND REPAIR EXISTING SURFACES TO REMAIN, AND PREP FOR NEW CONSTRUCTION/FINISH.

3 REMOVE EXISTING SUSPENDED LATH IN PANELS, CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.

4 REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN TO PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.

5 REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO DOOR FRAME, DOOR, DOOR STOP, DOOR THRESHOLD, DOOR SILL, DOOR ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.

6 VERIFY FINISHING CONDITIONS AS INDICATED ON THE DRAWINGS TO BE INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.

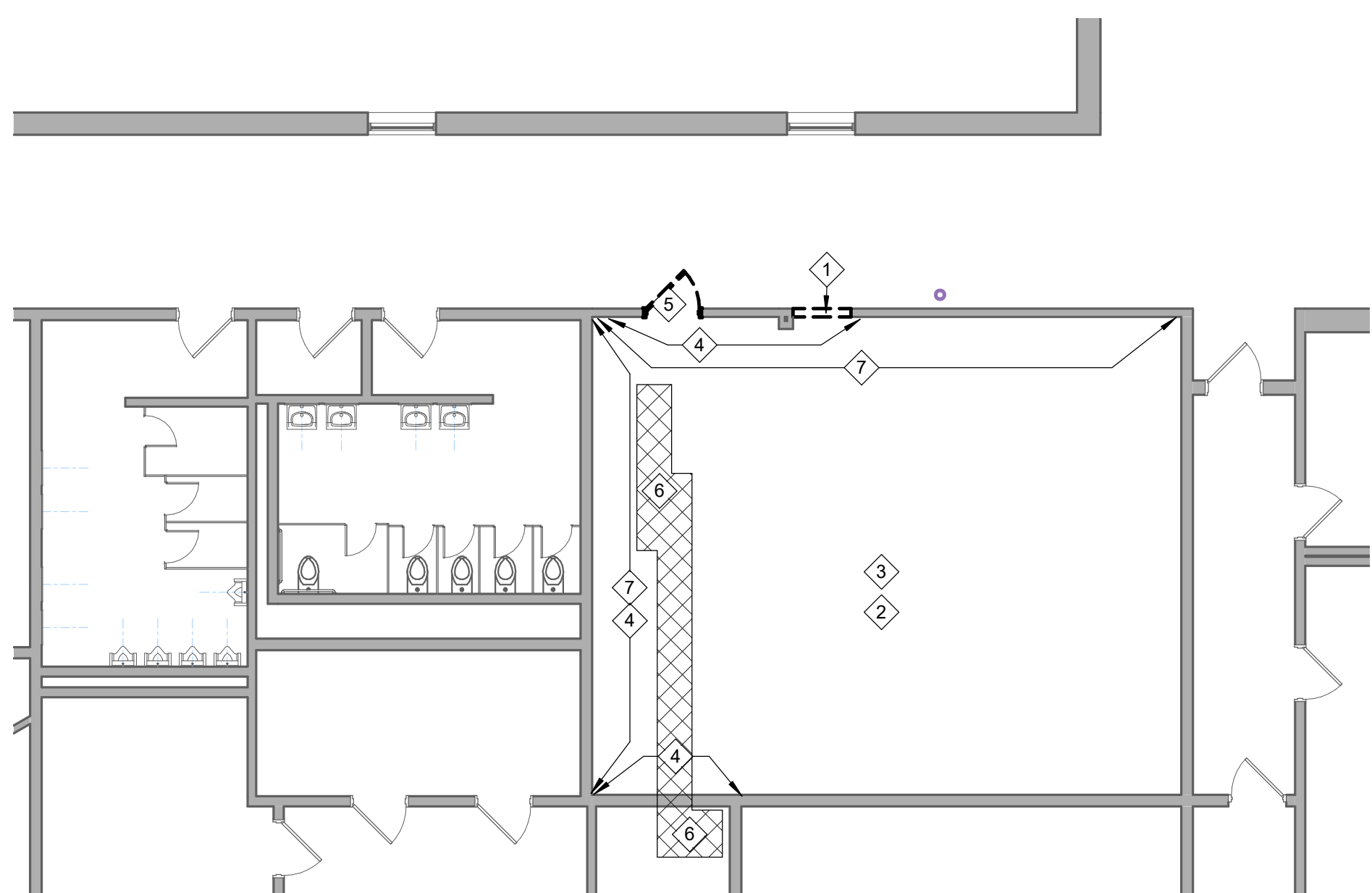
7 REMOVE EXISTING WALL COVERING IN ITS ENTIRETY INCLUDING ADHESIVES. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP EXISTING SURFACES FOR NEW CONSTRUCTION/FINISH.

### FLOOR PLAN NOTES

#	Note
1	LOCATE DOOR ADJACENT TO EXISTING PILASTER. ADJUST LOCATION AS REQUIRED TO AVOID MEPT ITEMS.
2	PATCH AND REPAIR EXISTING SLAB. TOP OF NEW SLAB TO BE FLUSH WITH EXISTING SLAB. DOWEL INTO EXISTING SLAB WITH #4 DOWELS @ 18" O.C. W/ 2-PART EPOXY ANCHORING SYSTEM MIN. 6" EMBEDMENT. REFER TO MEPT-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.

### REFLECTED CEILING PLAN NOTES

#	NOTE
1	PATCH AND REPAIR EXISTING CEILING AS REQUIRED FOR PLUMBING WORK. SEE P-SERIES DRAWINGS.



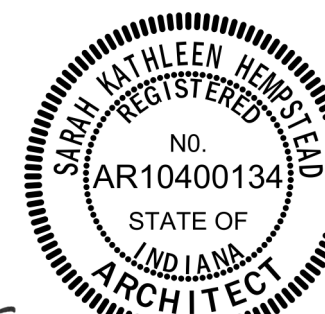
**1A PARTIAL DEMOLITION PLAN**  
1/8" = 1'-0"



**SCHMIDT**  
ASSOCIATES

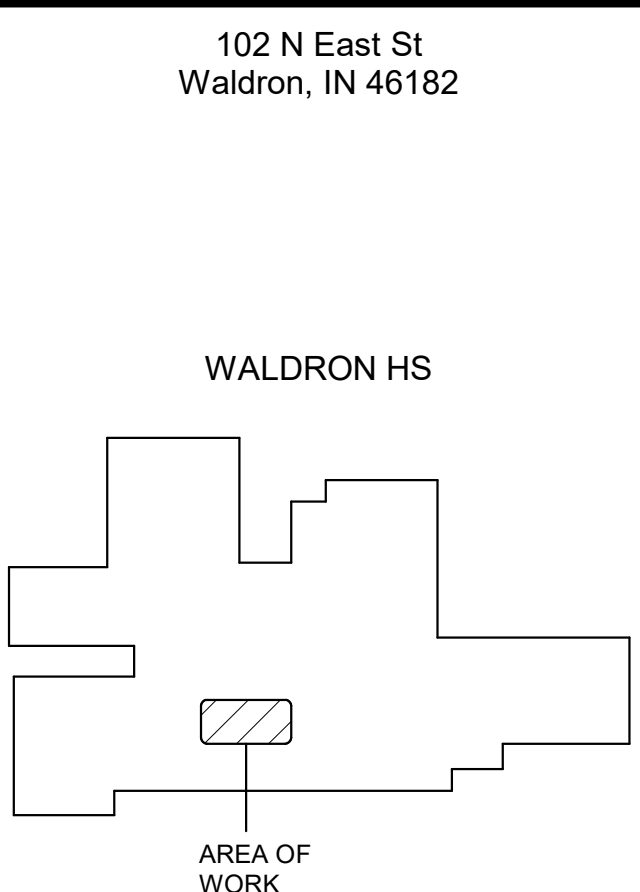
415 Massachusetts Avenue  
Indianapolis, IN 46204  
[www.schmidt-arch.com](http://www.schmidt-arch.com)

Project No. 2022-023.WJS  
Project Date 02.16.2023  
Produced DM



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#	Revision	Date
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## KEY PLAN

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

WALDRON - FLOOR  
PLANS

A-102

ARCHITECT: SCHMIDT ASSOCIATES  
PROJECT: MORRISTOWN JR/SR HS RESTROOMS  
DATE: 02/20/2023  
DRAWN BY: J. HARRIS  
CHECKED BY: J. HARRIS  
SCALE: AS SHOWN

6  
5  
4  
3  
2  
1  
E  
D  
C  
B  
A

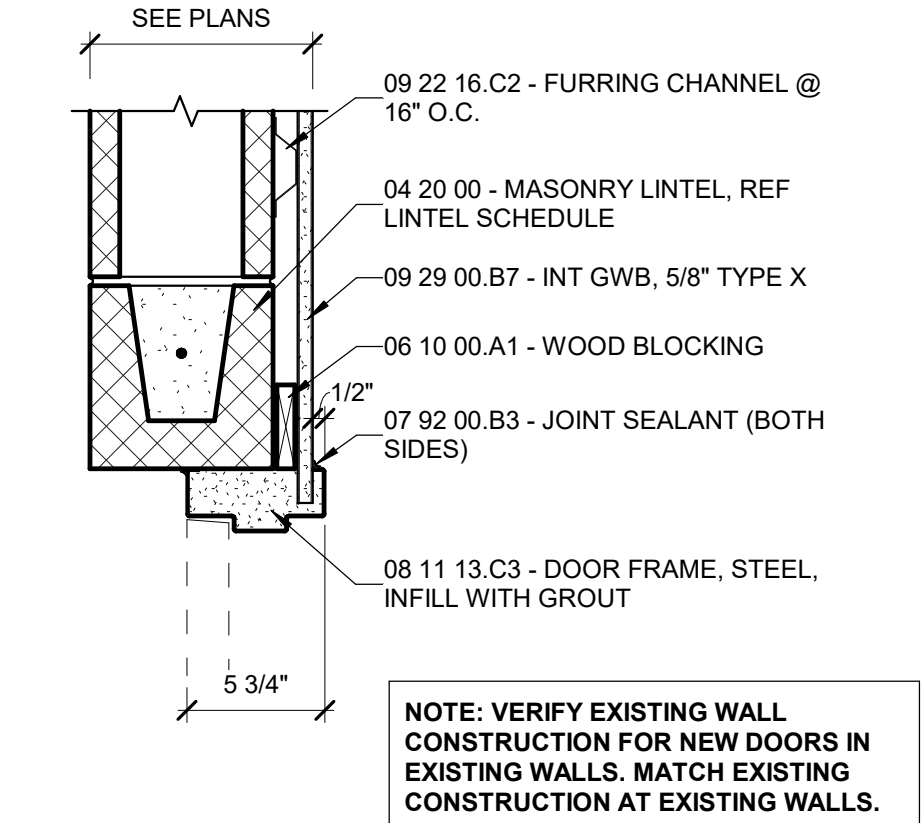
## LINTEL SCHEDULE

1. WHERE LINTELS ARE NOT SPECIFICALLY SHOWN OR NOTED ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS, PROVIDE THE FOLLOWING LINTELS OVER ALL OPENINGS AND RECESSES IN BOTH INTERIOR AND EXTERIOR NON-LOAD-BEARING WALLS.
- A) BRICK: MASONRY OPENING ANGLE SIZE  
UP TO 5'-0" L4x4x5/16  
OVER 5'-0" & UP TO 7'-0" L6x4x5/16  
OVER 7'-0" L7x4x3/8
- ALL ANGLES ARE LLV (LONG LEG VERTICAL), UNLESS NOTED OTHERWISE. PROVIDE 1" OF BEARING PER FOOT OF SPAN EACH END WITH MINIMUM 8".
- B) BLOCK: FOR OPENINGS UP TO 8'-0" LONG EXPOSED IN THE FINISHED ROOM, USE LINTEL BLOCK FILLED WITH GROUT. GROUT ALL EXPOSED JOINTS AND REINFORCE AS FOLLOWS:  
1) FOR 6" THICK BLOCK: 1 - #5 BAR  
2) FOR 8" THICK BLOCK: 2 - #5 BARS  
3) FOR 10" THICK BLOCK: 2 - #6 BARS  
4) FOR 12" THICK BLOCK: 2 - #6 BARS
- C) BLOCK (STACK BOND OPENINGS OVER 4'-0"): SEE FRAMING PLANS FOR STEEL BEAM LINTELS. WHERE NOT SHOWN ON PLAN, THE CRITERIA IN THE FOLLOWING TABLE SHALL BE USED. CONTACT STRUCTURAL ENGINEER OF RECORD FOR LINTELS NOT SHOWN ON PLAN WHICH DO NOT MEET THIS CRITERIA. SEE ARCHITECTURAL DRAWINGS FOR OPENING QUANTITIES, SIZES, LOCATIONS, HEIGHTS OF WALL ABOVE, ETC.

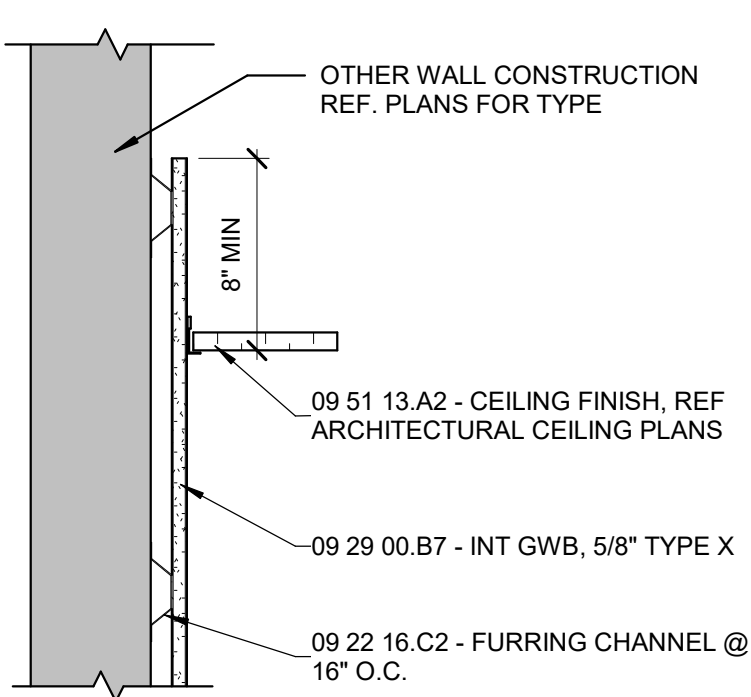
Block 1"	LINTEL	WIDTH OF OPENING	MAX. ALLOW. HEIGHT OF CMU ABOVE LINTEL
6"	C8x11.5 w/ CONT. PL 3/8 x 5	≤ 8'-0"	30'-0"
		≤ 12'-0"	8'-0"
8"	W8x13 w/ CONT. PL 3/8 x 7	≤ 8'-0"	30'-0"
		≤ 12'-0"	8'-0"
10"	W8x13 w/ CONT. PL 3/8 x 9	≤ 8'-0"	25'-0"
		≤ 12'-0"	8'-0"
12"	W8x28 w/ CONT. PL 3/8 x 11	≤ 8'-0"	40'-0"
		≤ 12'-0"	18'-0"

## WALL TYPE LEGEND

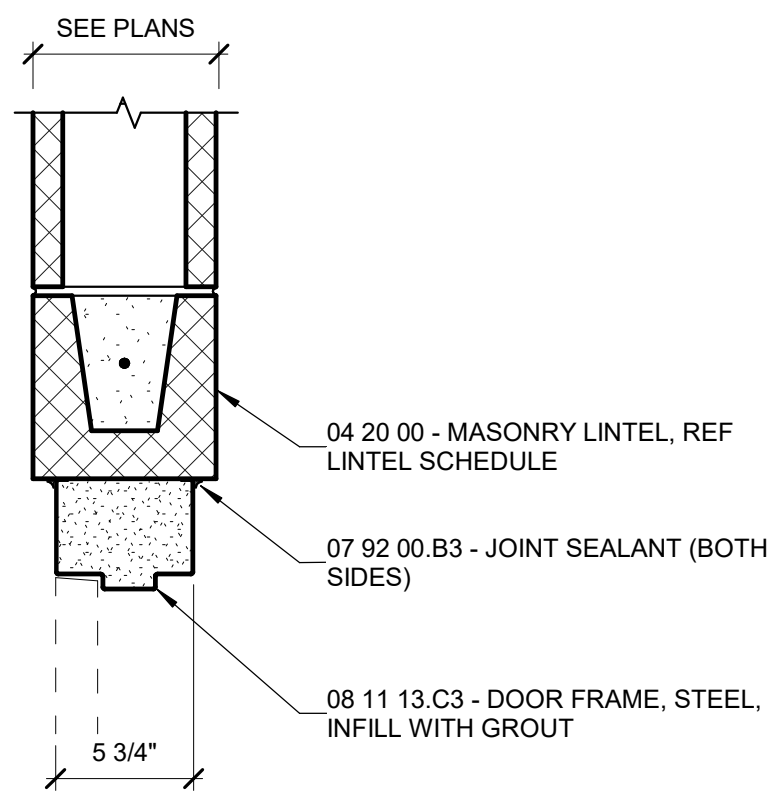
- READING LEFT TO RIGHT, WALL TYPES ARE DE-CODED AS FOLLOWS:
- LOCATION**  
E EXTERIOR WALL  
I INTERIOR WALL - NO DESIGNATION  
C COMPOSITE WALL (EXTERIOR AND/OR INTERIOR)
- WALL BACKUP MATERIAL**  
C CONCRETE (03 30 00)  
M CONCRETE MASONRY UNIT (04 20 00)  
S METAL STUD - EXTERIOR (05 40 00)  
S METAL STUD - INTERIOR (09 22 16)
- WALL BACKUP NOMINAL DEPTH**  
1 1 INCHES  
2 2 INCHES  
4 4 INCHES  
6 6 INCHES  
8 8 INCHES  
12 12 INCHES
- ACOUSTICAL INSULATION**  
- NON-INSULATED  
i SOUND ATTENUATION BLANKETS (09 29 00)
- WALL FINISH OPTIONS**  
WALL FINISH ON ONE SIDE OF BACKUP ONLY  
C WALL FINISH TO MIN. 8 INCHES ABOVE FINISHED CEILING  
D WALL FINISHES TO DECK ABOVE
- WALL FINISH MATERIAL**  
B FACE BRICK VENEER (04 20 00)  
G GYPSUM BOARD (09 29 00) - NO DESIGNATION, TYPICAL  
M METAL PANEL (07 42 16)  
S STONE VENEER (04 42 00)
- WALL FINISH LAYERS**  
1 LAYER(S) WALL FINISH - NO DESIGNATION, TYPICAL  
2 2 LAYER(S) WALL FINISH
- WALL TYPE NOTES:**  
A FIRE-RESISTIVE-RATED CONSTRUCTION; REFERENCE LIFE SAFETY PLANS FOR REQUIREMENTS RELATING TO FIRE-RATED CONSTRUCTION.  
B STC RATED CONSTRUCTION; PROVIDE ACOUSTICAL SEALANT (07 92 00) AT PERIMETER AND PENETRATIONS OF ALL NON-FIRE-RATED PARTITIONS INDICATED WITH AN STC RATING.  
C EXTERIOR WALLS: PENETRATIONS AND/OR COMPROMISES TO THE WEATHER-RESISTIVE BARRIER (AIR/VAPOR BARRIER) SHALL BE SEALED WITH SPRAY-POLYURETHANE FOAM (07 21 00).  
D SHAFT/WALL ASSEMBLIES: SW1-D & SW1-D ARE GYPSUM BOARD SHAFT WALL ASSEMBLIES (09 21 16.23).



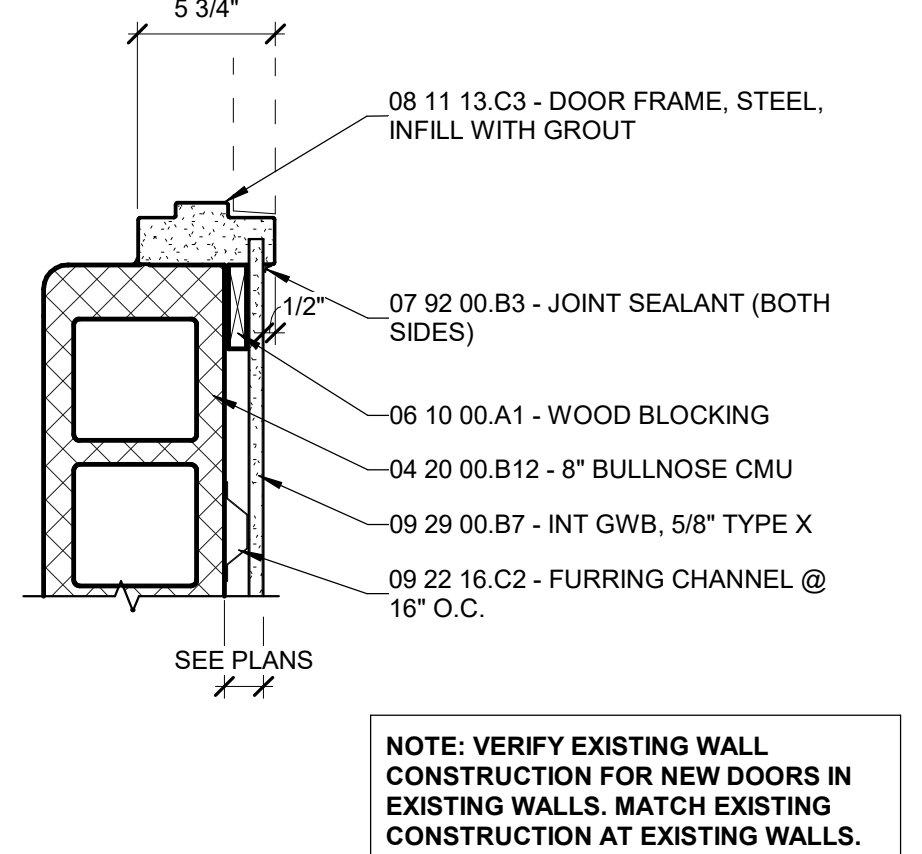
2C HEAD  
1 1/2" = 1'-0"



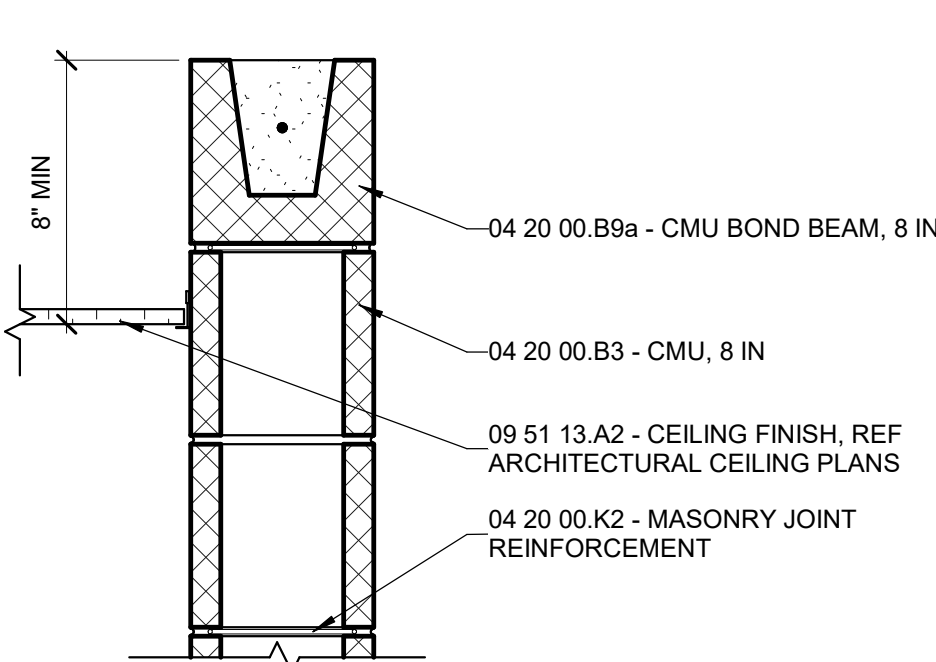
1C F1.5 WALL TYPE  
1 1/2" = 1'-0"



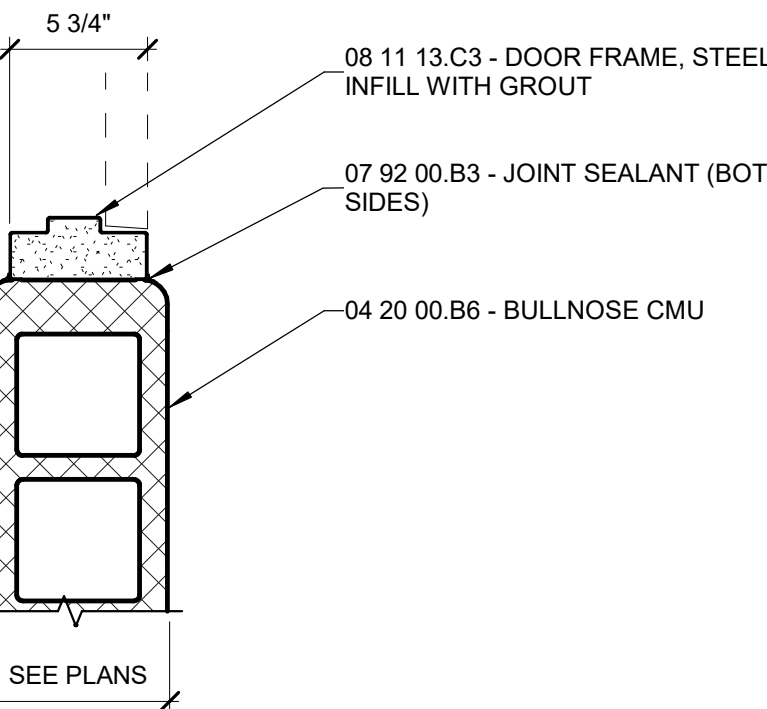
3B HEAD  
1 1/2" = 1'-0"



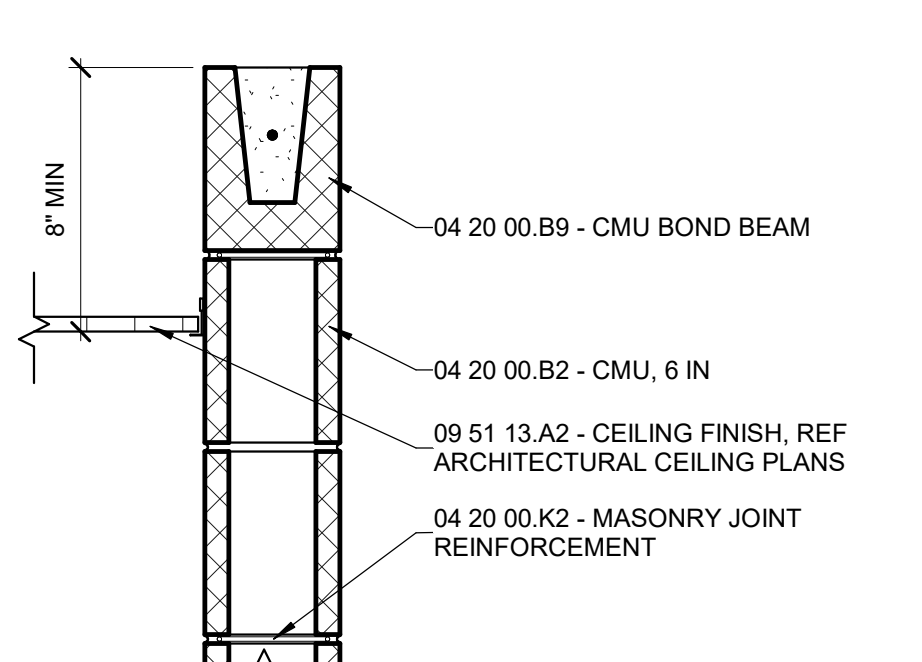
2B JAMB  
1 1/2" = 1'-0"



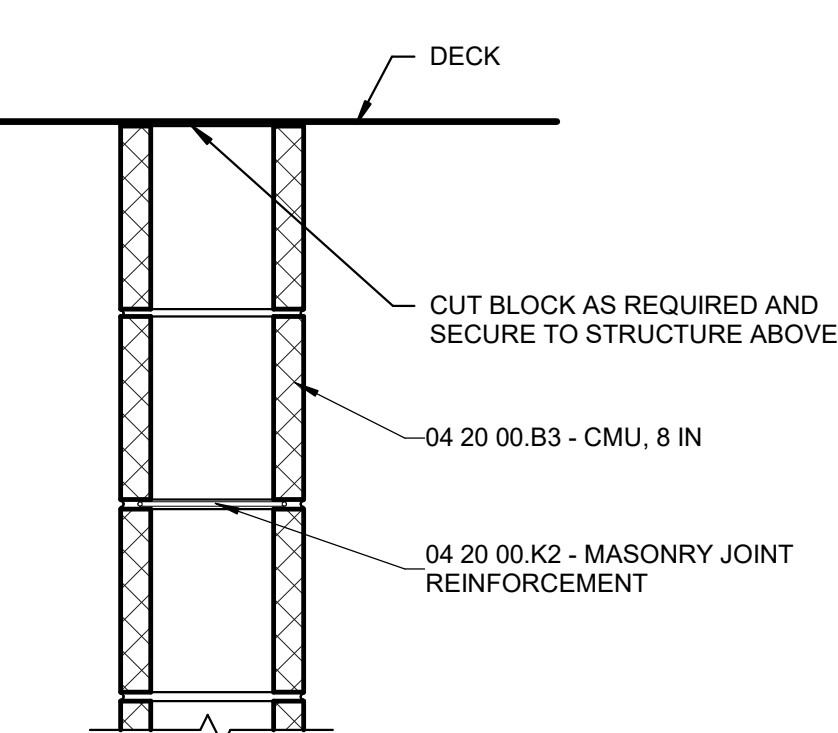
1B M8-C WALL TYPE  
1 1/2" = 1'-0"



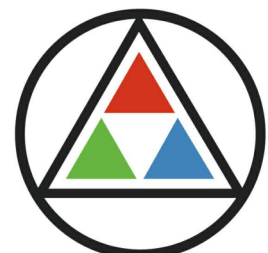
3A JAMB  
1 1/2" = 1'-0"



2A M6-C WALL TYPE  
1 1/2" = 1'-0"

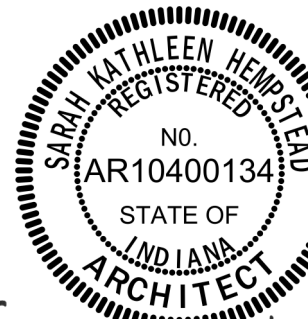


1A M8-D WALL TYPE  
1 1/2" = 1'-0"



**SCHMIDT ASSOCIATES**  
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Indianapolis, IN 46204  
www.schmidt-arch.com

Project No. 2022-023.MJS  
Project Date 02.20.2023  
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#	Revision	Date
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223 S Patterson St.  
Morristown, IN 46161  
102 N East St  
Waldron, IN 46182

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

GENERAL DETAILS

A-501



1402\_E-402A.dwg - 10/26/2023 10:40:23 AM  
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2023/10/26 10:40:23 AM: User: "Schmidt Associates, Inc."  
2023/10/26 10:40:23 AM: User: "Schmidt Associates, Inc."  
2023/10/26 10:40:23 AM: User: "Schmidt Associates, Inc."

5.5.100 - INTERIOR FINISH LEGEND						
SPEC.	MARK	DESCRIPTION	MANUFACTURER	COLLECTION/PATTERN	COLOR	COMMENTS
FLOORING						
09 30 00	PFT-1	PORCELAIN FLOOR TILE	DALTILE	ASTRONOMY	SOLSTICE AT72	SIZE: 12 BY 24 INCHES; INSTALL: GRID; LOCATION: RESTROOM FLOOR
09 30 00	GT-1	GROUT	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	LOCATION(S): FLOOR TILE
09 65 13	VWB-1	VINYL WALL BASE	JOHNSONITE	TO MATCH EXISTING	TO MATCH EXISTING	SIZE: 4" COVE BASE IN COIL FORM.
09 65 19	LVT-1	LUXURY VINYL TILE	TARKETT	ID LATITUDE/STONE AND CONCRETE	3515 ALUMIN	SIZE: 18 BY 18 INCHES; INSTALL: VERTICAL ASHLAR
09 65 19	LVT-2	LUXURY VINYL TILE	TARKETT	ID LATITUDE/STONE AND CONCRETE	3519 CHARCOAL	SIZE: 18 BY 18 INCHES; INSTALL: VERTICAL ASHLAR
WALLS						
09 30 00	CWT-1	CERAMIC WALL TILE	DALTILE	WALL CLASSIC	DESERT GRAY X114	SIZE: 4 BY 4 INCHES; INSTALL: GRID; LOCATION: RESTROOM WALLS
09 30 00	GT-2	GROUT	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	LOCATION(S): WALL TILE
09 91 23.99	P-3	PAINT (FIELD)	TO MATCH EXISTING	TO MATCH EXISTING	WHITE	GENERAL UNTINTED WHITE ON DESIGNATED WALL UPON REMOVAL OF WALL COVERING
09 96 00.99	HP-1	HIGH PERFORMANCE PAINT	TO MATCH EXISTING	TO MATCH EXISTING	TO MATCH EXISTING	LOCATION(S): DOOR FRAMES

## Interior General Notes

Reference A-001 for general plan notes. All notes may not apply to this sheet.

- Furniture is not provided in this contract. Layouts and final design will need to be determined by the owner.
- Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-1 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
- Paint interior hollow metal door frames and all stair assembly HP-9.
- Paint general walls HP-1 or P-1 (Neutral) unless specifically noted otherwise.
- Appliances and vending equipment are not provided in this contract.
- Do not install vinyl wall base on interior brick unless specifically noted otherwise. Provide a caulk joint at floor level.
- Provide vinyl wall base around all casework unless specifically noted otherwise.
- Upon demolition of visual display boards, adhesive needs to be adequately removed from CMU and ground to a smooth visual to avoid telegraphing through paint finish.
- Reference the alternate specification for alternates related to flooring.

## Interior Floor Pattern Notes

Reference A-001 for general plan notes. All notes may not apply to this sheet.

- Coordinate all expansion joints and flooring transitions as they relate to the floor pattern shown.
- Transition between flooring materials to occur under centerline of door in closed position.

## INTERIOR FLOOR PLAN NOTES

#	NOTE
1	FOLLOWING DEMOLITION, ANY NECESSARY PATCHING IS TO BE COMPLETED AND FINISHES ARE TO MATCH EXISTING.
2	09 91 23.99 - WALL TO RECEIVE PAINT, P-3, IN ITS ENTIRETY, INSIDE CORNER TO INSIDE CORNER.

## Interior Floor Pattern Legend

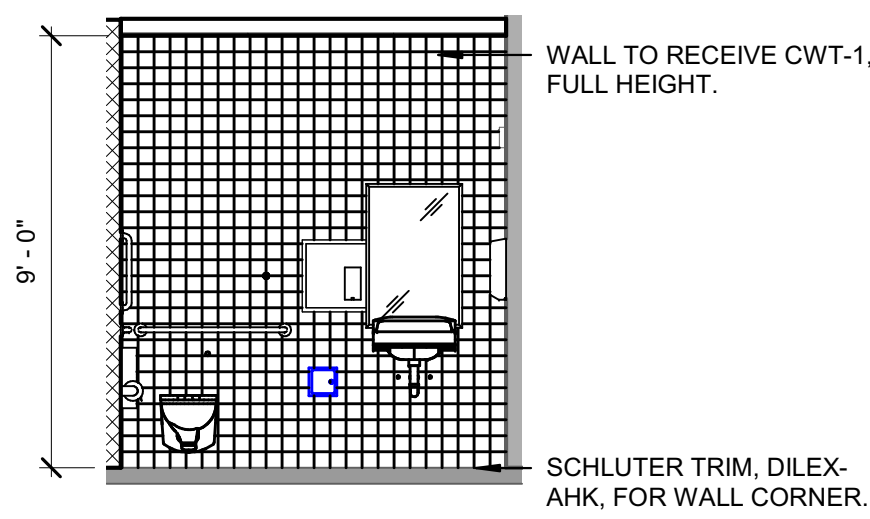
Luxury Vinyl Tile

LVT-1 (18" X 18")

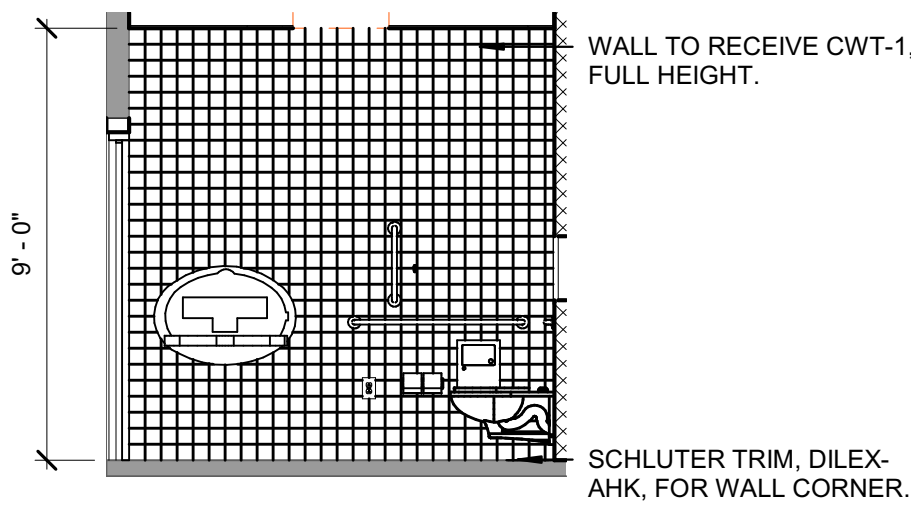
LVT-2 (18" X 18")

Porcelain Floor Tile

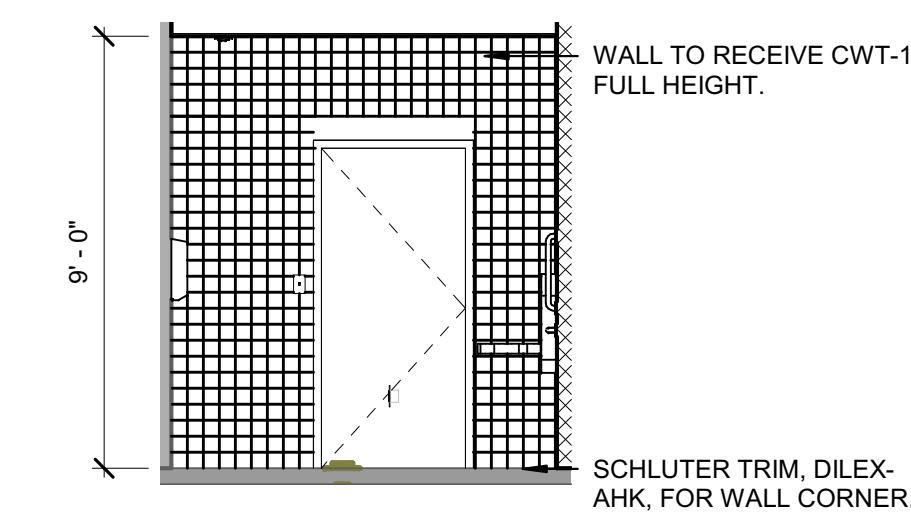
PFT-1 (12" X 24")



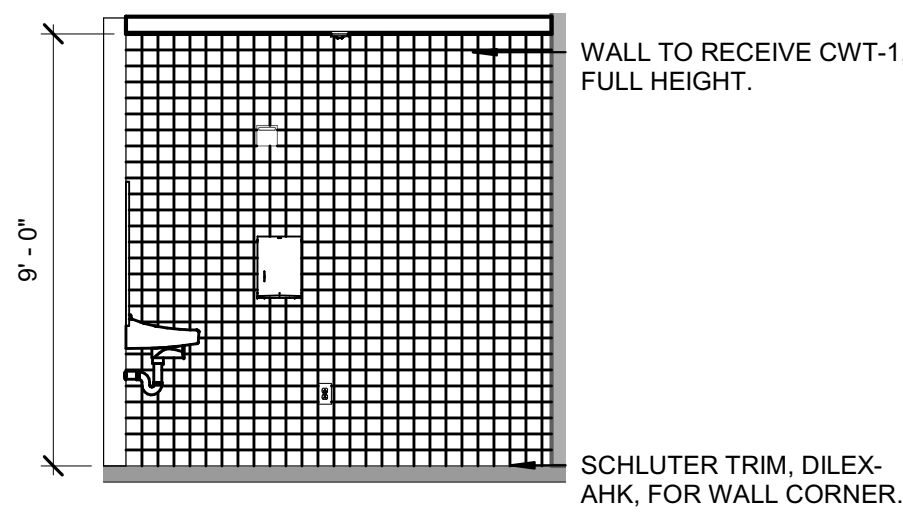
4D FAMILY RR - ELEVATION 1  
1/4" = 1'-0"



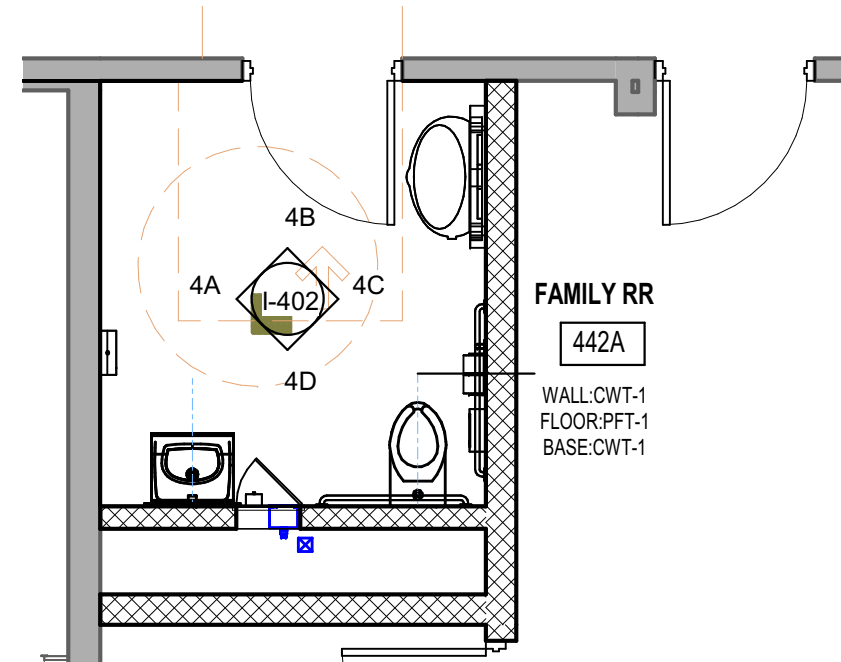
4C FAMILY RR - ELEVATION 2  
1/4" = 1'-0"



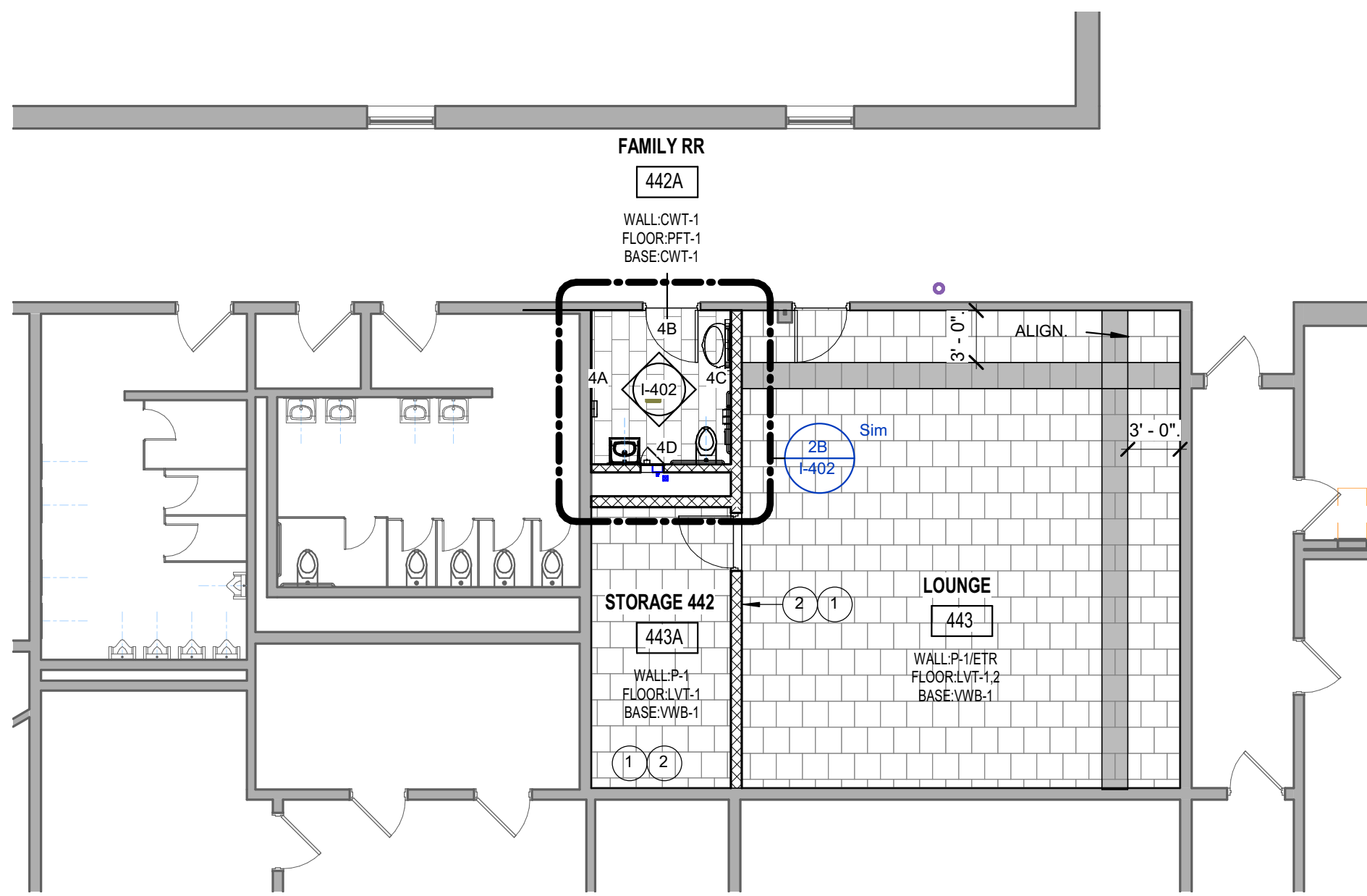
4B FAMILY RR - ELEVATION 3  
1/4" = 1'-0"



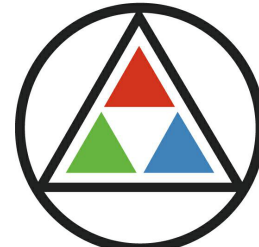
4A FAMILY RR - ELEVATION 4  
1/4" = 1'-0"



2B ENLARGED RESTROOM INTERIOR PLAN  
1/4" = 1'-0"



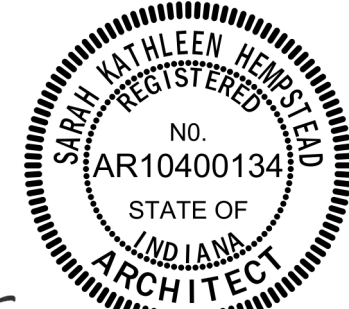
2A ENLARGED FLOOR INTERIOR PLAN  
1/8" = 1'-0"



**SCHMIDT ASSOCIATES**

415 Massachusetts Avenue  
Indianapolis, IN 46204  
www.schmidt-arch.com

Project No. 2022-023.WJS  
Project Date 02.20.2023  
Produced KER



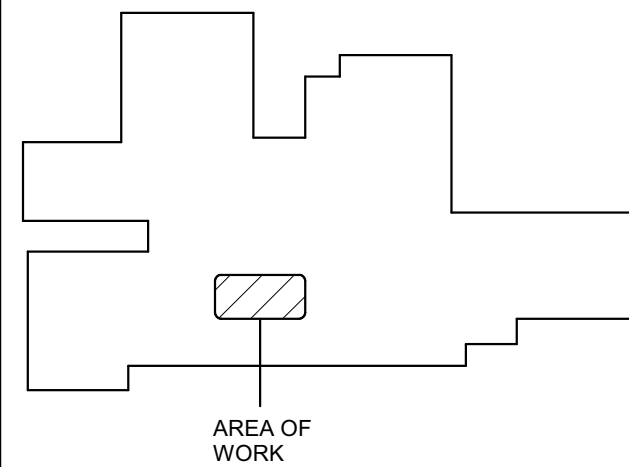
*Sarah K. Hempstead*

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#	Revision	Date
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102 N East St  
Waldron, IN 46182

WALDRON HS



AREA OF WORK

KEY PLAN

Shelby Eastern  
Schools

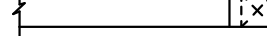
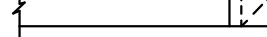
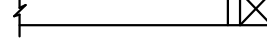
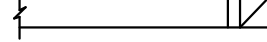
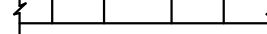
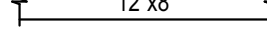
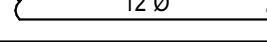
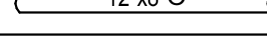




Morristown and  
Waldron JR/SR HS  
Restrooms

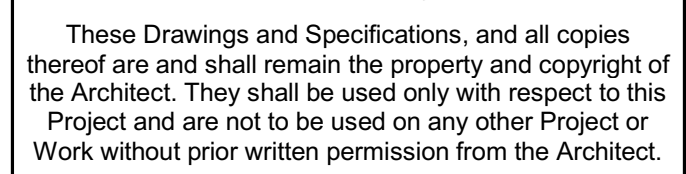
WALDRON - INTERIOR  
ENLARGED PLANS

I-402

## GENERAL NOTES

DUCTWORK SYMBOLS	
	DROP IN DUCTWORK (SUPPLY ONLY)
	DROP IN DUCTWORK (EXHAUST, RETURN, ETC.)
	RISE IN DUCTWORK (SUPPLY ONLY)
	RISE IN DUCTWORK (EXHAUST, RETURN, ETC.)
	OFFSET IN DUCTWORK (R = RISE D = DROP)
	RECTANGULAR DUCTWORK
	ROUND SPIRAL DUCTWORK
	OVAL DUCTWORK
	INSULATED FLEXIBLE DUCTWORK
	STANDARD RADIUS ELBOW, CENTER RADIUS 1-1/2 TIMES WIDTH OF DUCT

- THESE GENERAL NOTES APPLY TO THESE SECTIONS DRAWINGS. ADDITIONAL GENERAL NOTES SPECIFIC TO A PARTICULAR DRAWING ARE NOTED ON THOSE SHEETS.
2. IF IT IS THE INTENT OF THESE DOCUMENTS TO PROVIDE MECHANICAL SYSTEMS THAT ARE FULLY FUNCTIONAL, PROVIDE ALL ITEMS SPECIFIED AND REQUIRED FOR COMPLETE OPERATIONAL SYSTEMS.
3. ON MECHANICAL "M" SERIES DRAWINGS, DARK LINE ITEMS INDICATE NEW WORK, LIGHT LINE ITEMS ARE ITEMS THAT SHALL REMAIN.
4. THESE DRAWINGS INDICATE REQUIRED SIZE AND POINTS OF TERMINATION FOR PIPING, DUCTWORK, CONDUIT, ETC. THE EQUIPMENT SHOWN ILLUSTRATES SUGGESTED ROUTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF SUCH EQUIPMENT IN A MANNER THAT WILL CONFORM WITH THE STRUCTURE. DIVISION 23 SHALL AVOID OVERLAPPING, PRESERVE THE WORK OF OTHERS, AND MAINTAIN CLEARANCES WITHOUT FURTHER INSTRUCTION FROM THE ARCHITECT/ENGINEER OR ADDITIONAL COST TO THE OWNER.
5. ALL DUCTWORK, PIPING, AND VALVES SHALL BE CONCEALED ABOVE CEILING AND WITHIN WALLS IN FINISHED AREAS UNLESS OTHERWISE INDICATED.
6. DIVISION 23 SHALL BE GUIDED BY THE ARCHITECT/ENGINEER'S SELECTED CEILING PLAN FOR LOCATION OF DIFFUSERS, REGISTERS, GRILLES SHOWN OR COVERED BY THESE PLANS. BUT GRILLES SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 23 CLEARANCE REQUIREMENTS.
7. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL GRILLES, REGISTERS AND DIFFUSERS IN CEILINGS WITH THE CEILING SYSTEM AND LIGHT FIXTURES, PROVIDE FLEXIBLE DUCT UPSTREAM OF EACH DIFFUSER WHERE SHOWN.
8. PIPING PENETRATING FLOOR SLABS AND/OR WALLS SHALL BE SEALED WITH ACQUIC SEALANT. THE FLOOR OF NOSE BETWEEN PROXIMS, FIELD VERIFY ALL EXISTING CONDITIONS ON DRAWINGS MUST BE ADDED TO OBTAIN OUTSIDE SHEET METAL DIMENSION.
9. ALL RECTANGULAR SHEET METAL DUCT, DUCT SIZES ARE INSIDE DIMENSIONS. ALL ROUND DUCT SIZES ARE NOMINAL. ALL DUCTWORK SHALL BE IDENTIFIED BY TAGS, SCHEDULES, NOTED AND INDICATED ON DRAWINGS MUST BE ADDED TO OBTAIN OUTSIDE SHEET METAL DIMENSION.
10. DIVISION 23 CONTRACTOR SHALL BE RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALLS, STREETS, FLOORS, CEILING, WALLS, PARTITIONS, ETC. CONTRACTOR SHALL INCLUDE IN BID PROPOSAL ALL COSTS FOR CUTTING AND PATCHING REQUIRED TO INSTALL NEW OR REMOVE EXISTING WORK, PATCHMENT, OR REPAIRS.
11. DIVISION 23 CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL OF HIS WORK TO BE INSTALLED WITH ANY AND ALL OTHER CONTRACTORS TO BE AFFECTED BY SUCH WORK, INCLUDING ELECTRICAL, PLUMBING, AND MECHANICAL. CONTRACTOR SHALL PROVIDE ELECTRICAL, CHARACTERISTICS, CONNECTIONS REQUIRED, PHYSICAL, SIZE, COLOR AND FIT. ALSO REFER TO SPECIFICATIONS.
12. ALL EQUIPMENT SHALL BE OF, AND CONSIST OF, AT LEAST MINIMUM SIZES SELECTED, AND SHALL BE REQUIRED TO SURPASS THE MINIMUM REQUIREMENTS, SCHEDULES, NOTED AND SPECIFIED.
13. COORDINATE INSTALLATION OF NEW WORK WITH ALL OTHER TRADES AND EXISTING EQUIPMENT. PROVIDE CLEARANCE TO ALL EXISTING EQUIPMENT. HVAC SYSTEMS WITHIN ABOVE CEILINGS ARE EXTREMELY TIGHT IN CERTAIN AREAS. RELOCATE PIPING, ELECTRIC CONDUIT, STRUCTURAL BRACING, ETC., AS REQUIRED FOR A COMPLETE INSTALLATION OF NEW WORK. COORDINATE WITH DIVISION 23 CONTRACTOR SHALL INCLUDE IN BID PROPOSAL ALL COSTS FOR CUTTING AND PATCHING REQUIRED TO INSTALL NEW OR REMOVE EXISTING WORK, PATCHMENT, OR REPAIRS.
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90. ALL NEW DUCTWORK CROSSING THRU AND LOCATIONS OF FIELD, VERIFY ALL EX

[illegible]

223 S Patterson St.  
Morristown, IN 46161

102 N East St  
Waldron, IN 46182

	RISE IN PIPING
	DROP IN PIPING
	CAPPED PIPE
	PIPE CONTINUED ON ANOTHER DRAWING
	CHECK VALVE
	PLUG VALVE
	PRESSURE REGULATING VALVE
	VALVE - SEE SPECIFICATIONS FOR VALVE TYPE
	BUTTERFLY VALVE
	RELIEF VALVE
	TRIPLE DUTY VALVE
	GATE VALVE
	BALL VALVE
	VALVE IN RISER
	ANGLE VALVE
	MANUAL BALANCING VALVE
	AUTOMATIC BALANCING VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	UNION
	THERMOMETER WELL
	THERMOMETER & WELL
	GAUGE CONNECTION(S) & WELL
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	PET'S PLUG
	Y-STRAINER W/BLOWDOWN VALVE & CAP
	PIPE GUIDES
	PIPE ANCHORS
	FLEXIBLE PIPING CONNECTOR
	PIPE EXPANSION JOINT
	STEAM TRAP W/IDENTIFICATION
	EXPANSION LOOP (SIZE INDICATED ON DRAWINGS)
	GAS COCK
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	PRESSURE REDUCING VALVE

	DROP IN DUCTWORK (SUPPLY ONLY)
	DROP IN DUCTWORK (EXHAUST, RETURN, ETC.)
	RISE IN DUCTWORK (SUPPLY ONLY)
	RISE IN DUCTWORK (EXHAUST, RETURN, ETC.)
	OFFSET IN DUCTWORK (R = RISE D = DROP)
	RECTANGULAR DUCTWORK
	ROUND SPIRAL DUCTWORK
	OVAL DUCTWORK
	INSULATED FLEXIBLE DUCTWORK
	STANDARD RADIUS ELBOW, CENTER RADIUS 1 1/2 TIMES WIDTH OF DUCT
	90° ELBOW WITH TURNING VANES
	DUCT TRANSITION
	SHOETAP WITH SQUARE TO ROUND TRANSITION
	CONICAL FITTING
	90° TEE FITTING
	45° LATERAL FITTING
	BELLMOUTH FITTING
	SHOETAP (OR 45° ENTRY) FITTING
	BDD = BACKFRACTION DAMPER OBD = OPPOSED BLADE DAMPER PSD = PARALLEL BLADE DAMPER
	SD = SMOKE DAMPER
	FSD = FIRE/SMOKE DAMPER
	FD-(A/B) = FIRE DAMPER (TYPE A OR TYPE B)
	MOTORIZED CONTROL DAMPER
	ACCESS DOOR
	INTERNALLY INSULATED DUCTWORK
	FLEXIBLE CONNECTION
	DUCT-MOUNTED REHEAT COIL (HYDRONIC)
	NEW TO EXISTING
	COUNTERBALANCED BACKDRAFT DAMPER
	MOTORIZED BACKDRAFT DAMPER

	LINEAR DIFFUSER W/TYPE AND CFM (TWO-WAY SIDE TYPE)
	SUPPLY DIFFUSER W/TYPE AND CFM (FOUR-WAY TYPE)
	SUPPLY DIFFUSER W/TYPE AND CFM (THREE-WAY TYPE)
	SUPPLY DIFFUSER W/TYPE AND CFM (TWO-WAY SIDE TYPE)
	SUPPLY DIFFUSER W/TYPE AND CFM (ONE-WAY SIDE TYPE)
	RETURN GRILLE W/ TYPE AND CFM
	EXHAUST GRILLE W/ TYPE AND CFM
	SIDEWALL GRILLE W/TYPE AND CFM
AT ROOF 	ROOF-MOUNTED EXHAUST FAN
AT CEILING 	CEILING-MOUNTED EXHAUST FAN
	CARBON DIOXIDE SENSOR
	HUMIDITY SENSOR
	THERMOSTAT

① DEMO	① NEW	PLAN NOTE
		DETAIL REFERENCE
		SECTION REFERENCE
		NEW TO EXISTING
		DEMO TO THIS POINT
		EQUIPMENT TAG - (SEE SCHEDULE SHEETS)
MARK — SD24-12 300 ← CFM		DIFFUSER, REGISTER, GRILLE TAG - (SEE SCHEDULE SHEETS)

NOTE:  
ALL SYMBOLS AND ABBREVIATIONS  
MAY NOT BE USED FOR THIS PROJECT

Project No. 2022-023.MJS  
Project Date 02.20.2023  
Produced BAW



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#	Revision	Date
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223 S Patterson St.  
Morristown, IN 46161

MORRISTOWN HS

AREA

## KEY PLAN

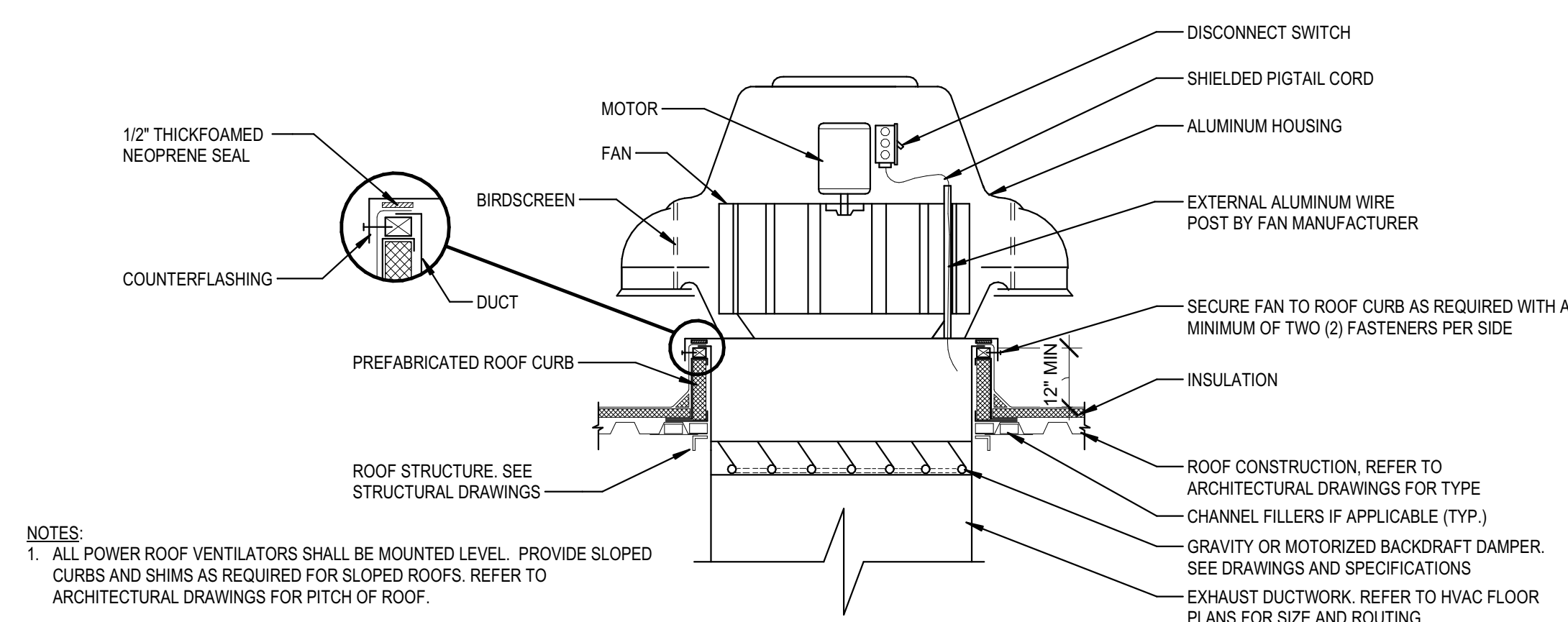
Shelby Eastern  
Schools



MORRISTOWN - HVAC  
PLAN

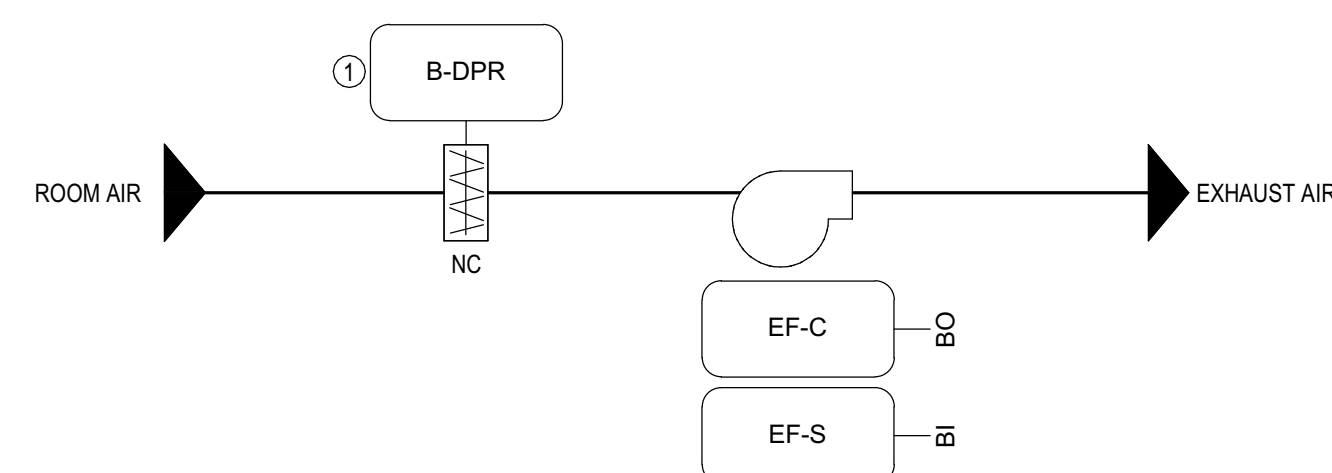
MH1A1

#	ENLARGED HVAC PLANE NOTES
	<p>ROOM MOUNTED EXHAUST FAN F-1 LOCATED ON EXISTING ROOF. EXHAUST FAN LINE LOREN COOL MODEL 70050EN 125 GPM @ 1/2 S.P. 1105 FAN RPM 1413 RPM 100V/1PH 4.3 HORSE. PROVIDE MATCHING SPEED CONTROLLER FOR AIR BALANCE. FAN TO BE CONNECTED WITH BATHROOM HATCH SHOWN ON PLAN ON LUGS OFF-FAN AT PIT. PROVIDE 18" FLEXIBLE CURB AND BACKDRIFT DAMPER. CONTRACTOR TO COORDINATE ROOF MODIFICATIONS WITH OWNERS. EXHAUST FAN ROOF WARRANTY.</p> <p>2. LOUVERED EXHAUST GRILL EXISTING CONDO 500D FIXED LOUVERS, 3/4" BLADE SPACING, 45 DEG DEFLECTION. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN.</p> <p>3. SHIRT EXISTING SLOD DIFFUSER AND RETURN AIR GRILLES AS REQUIRED FOR NEW CEILING GRID. DISPLACE EXISTING CEILING EXISTING CONDO.</p>



## POWER ROOF VENTILATOR INSTALLATION

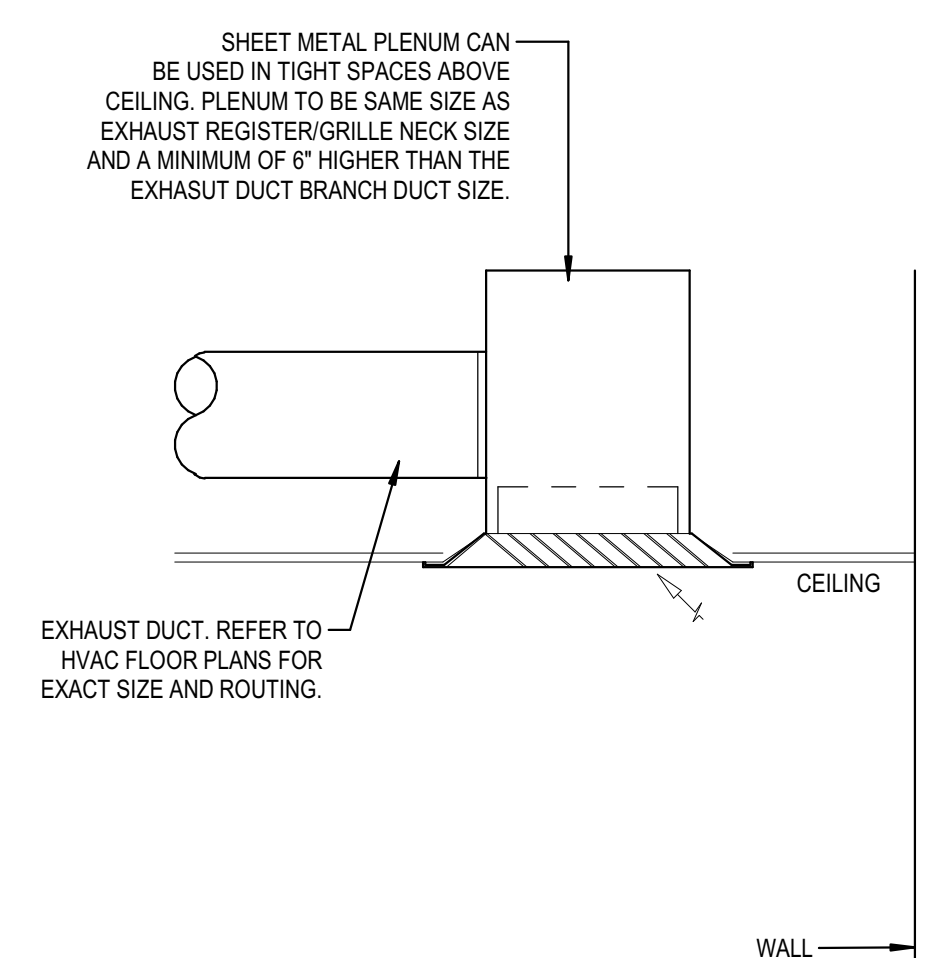
**3E** **DETAIL**  
NOT TO SCALE



**SCHEMATIC NOTES:**

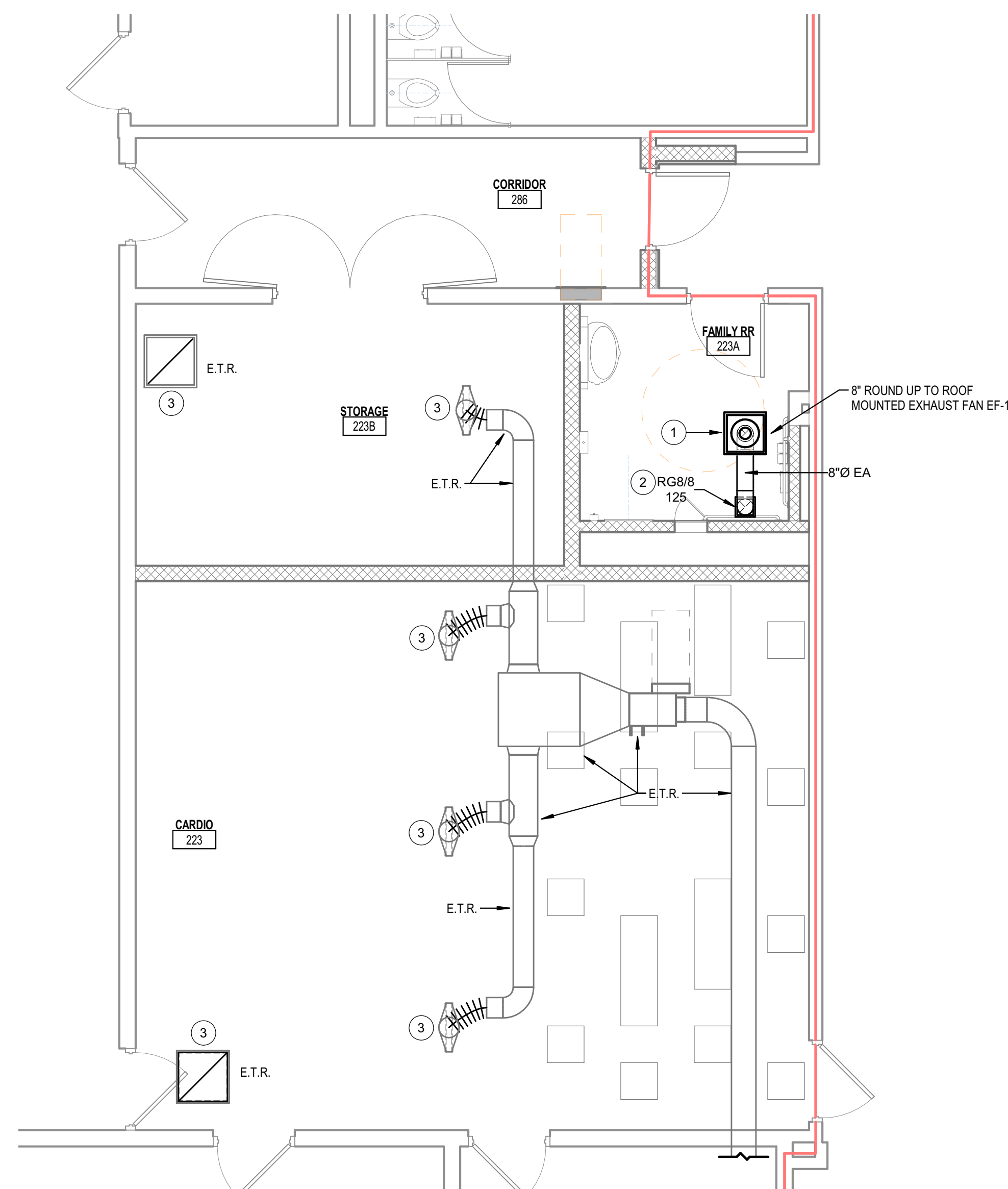
① BAROMETRIC BACKDRAFT DAMPER DOES NOT REQUIRE CONTROLS BUT SHALL BE CONFIRMED NORMALLY CLOSED BY TCC

**EXHAUST FAN CONTROL:** THE EXHAUST FAN (EF-C) SHALL BE STARTED ACCORDING TO THE OWNER-DEFINED SCHEDULE. IF THE EXHAUST FAN STATUS (EF-S) DOES NOT MATCH THE COMMANDED VALUE AFTER 90 SECONDS (ADJ), AN ALARM SHALL BE GENERATED. SEE ELECTRICAL DRAWINGS FOR MOTOR STARTER LOCATION INFORMATION.



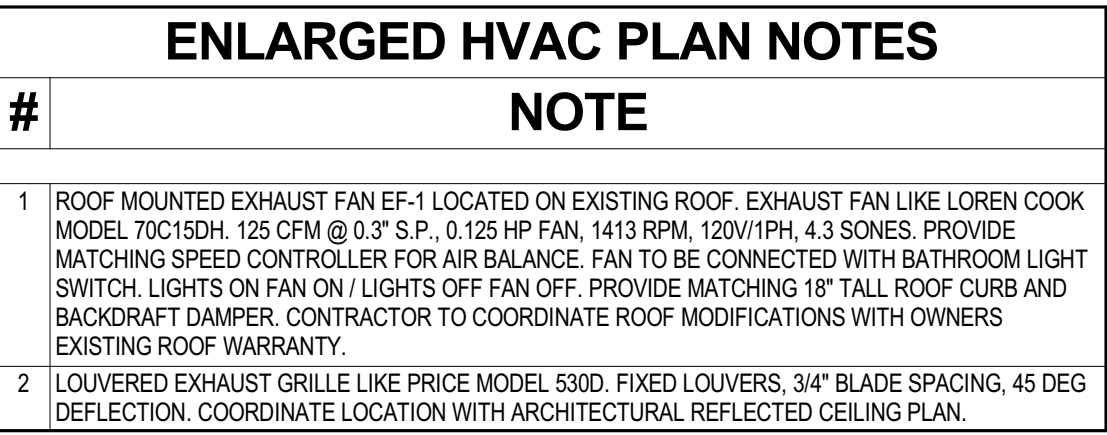
## EXHAUST REGISTER/GRILLE INSTALLATION

**3C** **DETAIL**  
NOT TO SCALE



**1 FIRST FLOOR HVAC PLAN**

$$1/4" = 1'-0"$$



**EXHAUST FAN CONTROL:** THE EXHAUST FAN (EF-C) SHALL BE STARTED ACCORDING TO THE OWNER-DEFINED SCHEDULE. IF THE EXHAUST FAN STATUS (EF-S) DOES NOT MATCH THE COMMANDED VALUE AFTER 90 SECONDS (ADJ), AN ALARM SHALL BE GENERATED. SEE ELECTRICAL DRAWINGS FOR MOTOR STARTER LOCATION INFORMATION.

MECHANICAL FLOOR PLAN - SECOND FLOOR

ROOMS:

- FAMILY RR 442A
- STORAGE 442
- LOUNGE 445

MECHANICAL EQUIPMENT:

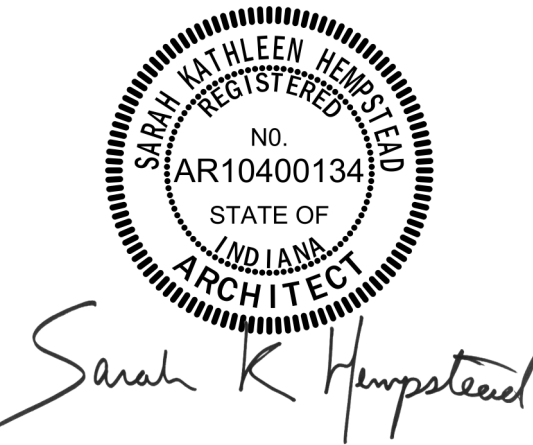
- 8" ROUND UP TO ROOF MOUNTED EXHAUST FAN EF-1
- EGS 1250
- 8" Ø EA



**SCHMIDT**  
ASSOCIATES

415 Massachusetts Avenue  
Indianapolis, IN 46204  
[www.schmidt-arch.com](http://www.schmidt-arch.com)

Project No. 2022-023.WJS  
Project Date 02.20.2023  
Produced BAW

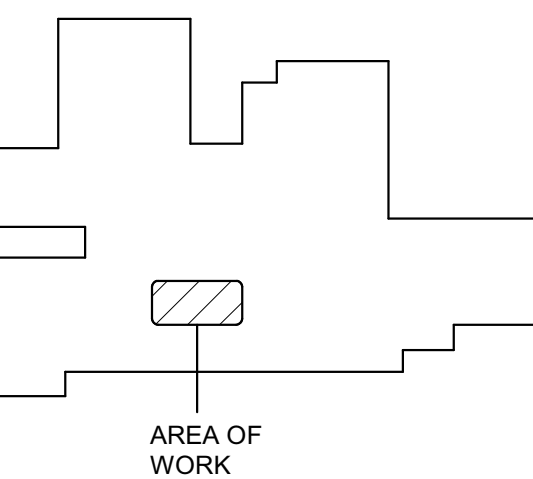


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	Revision	Date
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102 N East St  
Waldron, IN 46182

WALDRON HS



## KEY PLAN

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

WALDRON - HVAC PLAN


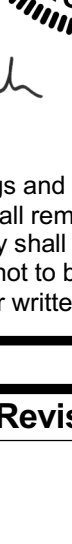

MH1A2

ABBREVIATIONS	
P	PUMP
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP (IN OR WG AS NOTED)
PER	PERCENT
PH	PHASE
PI	PRESSURE INDICATOR
PIV	POST INDICATOR VALVE
PLT	PLASTER TRAP
POC	POINT OF CONNECTION (NEW TO EXISTING)
PPM	PARTS PER MILLION
PREFAB	PREFABRICATED
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
R	THERMAL RESISTANCE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECIR	RECIRCULATE(E), (OR), (ING)
RH	RODING HOLE
RM	ROOM
RO	REVERSE OSMOSIS WATER
RPM	REVOLUTIONS PER MINUTE
SB	SITZ BATH
SCW	SOFT COLD WATER (DOMESTIC)
SECT	SECTION
SF	SQUARE FOOT
SH	SHOWER
SHT	SHEET
SK	SINK
SPEC	SPECIFICATIONS
SPG	SPECIAL GAS
SS	STAINLESS STEEL
SSD	SUB SURFACE (FOOTING) DRAIN
SSK	SERVICE SINK
ST	STORAGE TANK
STD	STANDARD
STP	STORAGE TANK PUMP
STS, STR	STORAGE TANK SUPPLY AND RETURN
STRUCT	STRUCTURE(E), (AL)
SU	SHOWER UNIT
T&P	TEMPERATURE AND PRESSURE
T	TEMPERED WATER
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TS	TAMPER SWITCH
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VA	VOLT AMPERE
VAC	VACUUM
VAR	VARIABLE
VB	VACUUM BREAKER
VC	VACUUM CLEANING
VERT	VERTICAL
VIF	VERIFY IN FIELD
VT	VITRIFIED TILE
VPD	VACUUM PUMP DISCHARGE
VTR	VENT THROUGH ROOF
VV	VACUUM VENT
W/	WITH
WC	WATER CLOSET
W.C.	WATER COLUMN
WCO	WALL CLEANOUT
WG	WATER GAUGE
WH	WALL HYDRANT
W/O	WITHOUT
WP	WEATHERPROOF
WPD	WATER PRESSURE DROP
WTR	WATER
YD	YARD DRAIN
ZN	ZONE

FIRE PROTECTION SYMBOLS	
	FIRE WATER MAIN
	POST INDICATOR VALVE
	FIRE DEPT. CONNECTION
	FLOW SWITCH
	TAMPER SWITCH
	UPRIGHT SPRINKLER HEAD
	PENDANT SPRINKLER HEAD
	DRY PENDANT SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD
	CONCEALED PENDANT SPRINKLER HEAD
	ZONE VALVE (OS&Y)
	ALARM VALVE

DRAWING NOTATIONS	
DEMO	NEW
	PLAN NOTE
	DETAIL REFERENCE
	SECTION REFERENCE
	NEW TO EXISTING
	DEMO TO THIS POINT
	EQUIPMENT TAG - (SEE SCHEDULE SHEETS)
	FIXTURE TAG - (SEE SCHEDULE SHEETS)

NOTE:  
ALL SYMBOLS AND ABBREVIATIONS

 <b>SCHMIDT</b> ASSOCIATES 415 Massachusetts Avenue Indianapolis, IN 46204 www.schmidt-arch.com		
Project No.	2022-023.MJS	
Project Date	02.20.2023	
Produced	JMH / EP	
 <i>Sarah K Hupertzel</i> <small>These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.</small>		
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<b>Shelby Eastern Schools</b>  <b>Morristown and Waldron JR/SR HS Restrooms</b>		
<b>PLUMBING SYMBOLS AND ABBREVIATIONS</b>		

DOMESTIC WATER PIPING SPECIALTIES SCHEDULE (221119)						FIXTURE CONNECTION				MOUNTING	NOTES
MARK	MANUFACTURER	MODEL	IDENTITY DATA			CW	HW	W	V	(FLOOR TO OUTLET)	
HB-1	ZURN	#Z1330-XL	HOSE BIB WITH RECESSED BOX			3/4"				18" A.F.F.	

SANITARY WASTE PIPING SPECIALTIES (221319)						FIXTURE CONNECTION				W	NOTES
MARK	MANUFACTURER	MODEL	FIXTURE			CW	HW	W	V	CONNECTION	
FD-1	J.R. SMITH	#2009YB-L-PB	DUOCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE SQUARE STRAINER HEAD, POLISHED BRONZE STRAINER							3"	

COMMERCIAL AND RESIDENTIAL WATER CLOSETS SCHEDULE (224100, 224213.13)						FIXTURE CONNECTION				MOUNTING	ADA	NOTES
MARK	MANUFACTURER	MODEL	FIXTURE			CW	HW	W	V	(FLOOR TO RIM)	COMPLIANT	
WC-1	AMERICAN STANDARD	#2257.101	WALL-MOUNTED, TOP SPUD, ACCESSIBLE WATER CLOSET							17"	Yes	

COMMERCIAL AND RESIDENTIAL LAVATORIES (224100, 224216.13)						FIXTURE CONNECTION				MOUNTING	ADA	NOTES
MARK	MANUFACTURER	MODEL	FIXTURE			CW	HW	W	V	(FLOOR TO RIM)	COMPLIANT	
L-1	AMERICAN STANDARD	#R356.015	VITREOUS CHINA, WALL MOUNTED, WITH BACK							34"	Yes	

## PLUMBING GENERAL NOTES

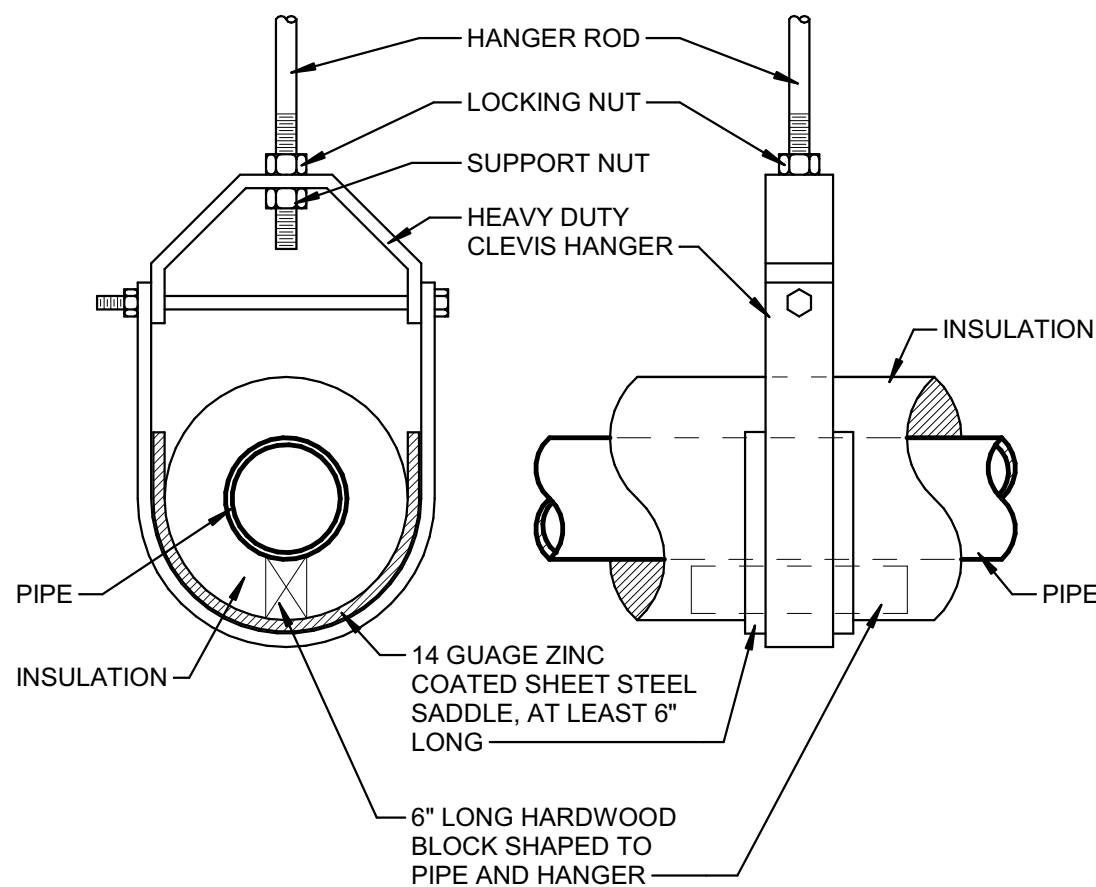
1. PIPING LABEL "EX" EXISTING IS TO REMAIN.
2. EXISTING PIPE ROUTING, AS SHOWN ON DRAWINGS, IS BASED UPON RECORD DOCUMENTS AND FIELD SURVEYS. ACTUAL ROUTE OF CONCEALED PIPING MAY VARY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PIPE ROUTING PRIOR TO SAW CUTTING OF FLOOR SLABS.
3. CONTRACTOR SHALL JET AND THOROUGHLY FLUSH EXISTING SANITARY SEWERS WHERE DOCUMENTS CALL FOR NEW WASTE PIPE CONNECTIONS.
4. ALL UNDERGROUND SANITARY OR STORM PIPING SHOWN TO BE ABANDONED IN PLACE SHALL BE CAPPED AND FILLED WITH FLOWABLE FILL.
5. WHERE PLUMBING FIXTURE ROUGH-IN PIPING IS SHOWN TO BE ABANDONED IN WALLS OR BELOW FLOOR SLAB, ROUGH-INS SHALL BE REMOVED TO A POINT BEYOND THE FINISHED SURFACE AND CAPPED. PATCH SURFACE TO MATCH EXISTING FINISH.
6. IN AREAS WHERE A FULL REMODEL IS INDICATED ON THE DRAWINGS, CONTRACTOR SHALL REMOVE ALL OVERHEAD PIPING AND HANGERS COMPLETE UNLESS OTHERWISE INDICATED.
7. WHERE SANITARY OR ACID VENT THROUGH ROOF IS SHOWN TO BE ABANDONED IN PLACE, CONTRACTOR SHALL PERMANENTLY CAP PIPE ABOVE AND BELOW ROOF FOR A WATER TIGHT SEAL.

## PLUMBING FIXTURE ROUGH-IN LEGEND

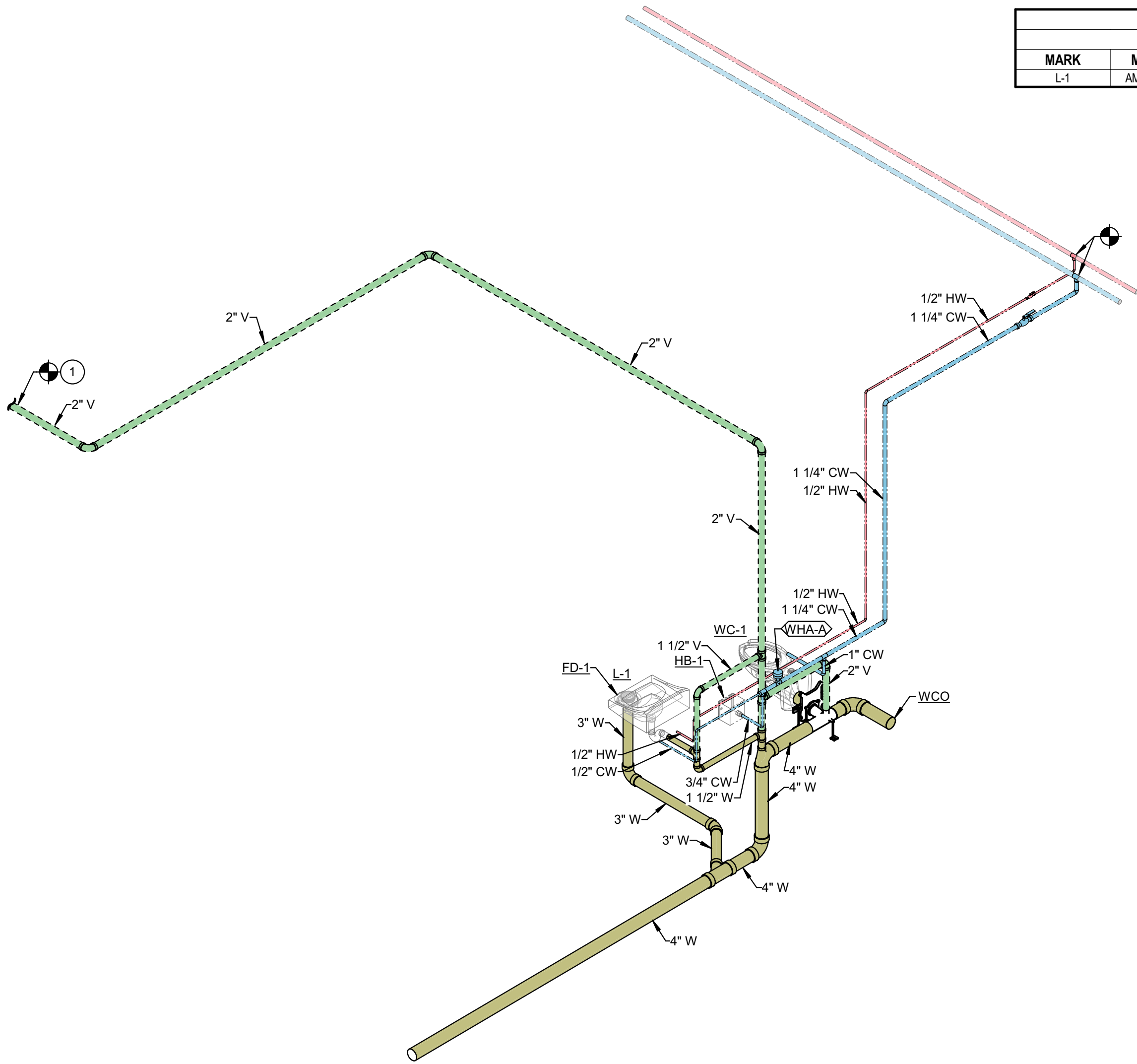
MARK	FIXTURE CONNECTION			
FD-1	CW	HW	W	V
		3"		
L-1	1/2"	1/2"	1 1/2"	1 1/2"
HB-1	3/4"			
WC-1	1"		4"	2"

## PLUMBING PLAN NOTES

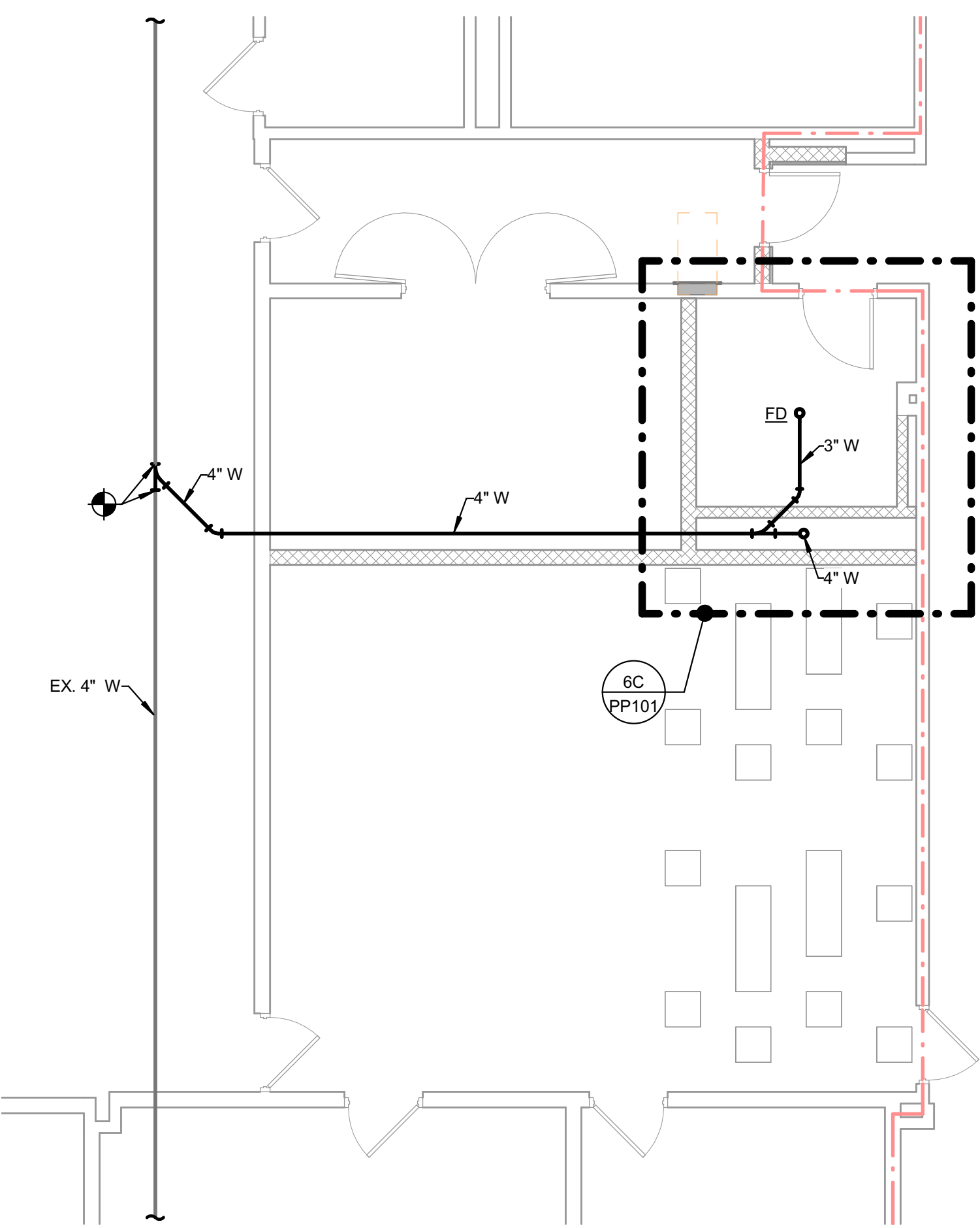
- # NOTE
1. CONNECT 2" VENT PIPE TO EXISTING VENT OF EQUAL SIZE OR GREATER ABOVE CEILING NEAR GANG REST ROOM - V.I.F.



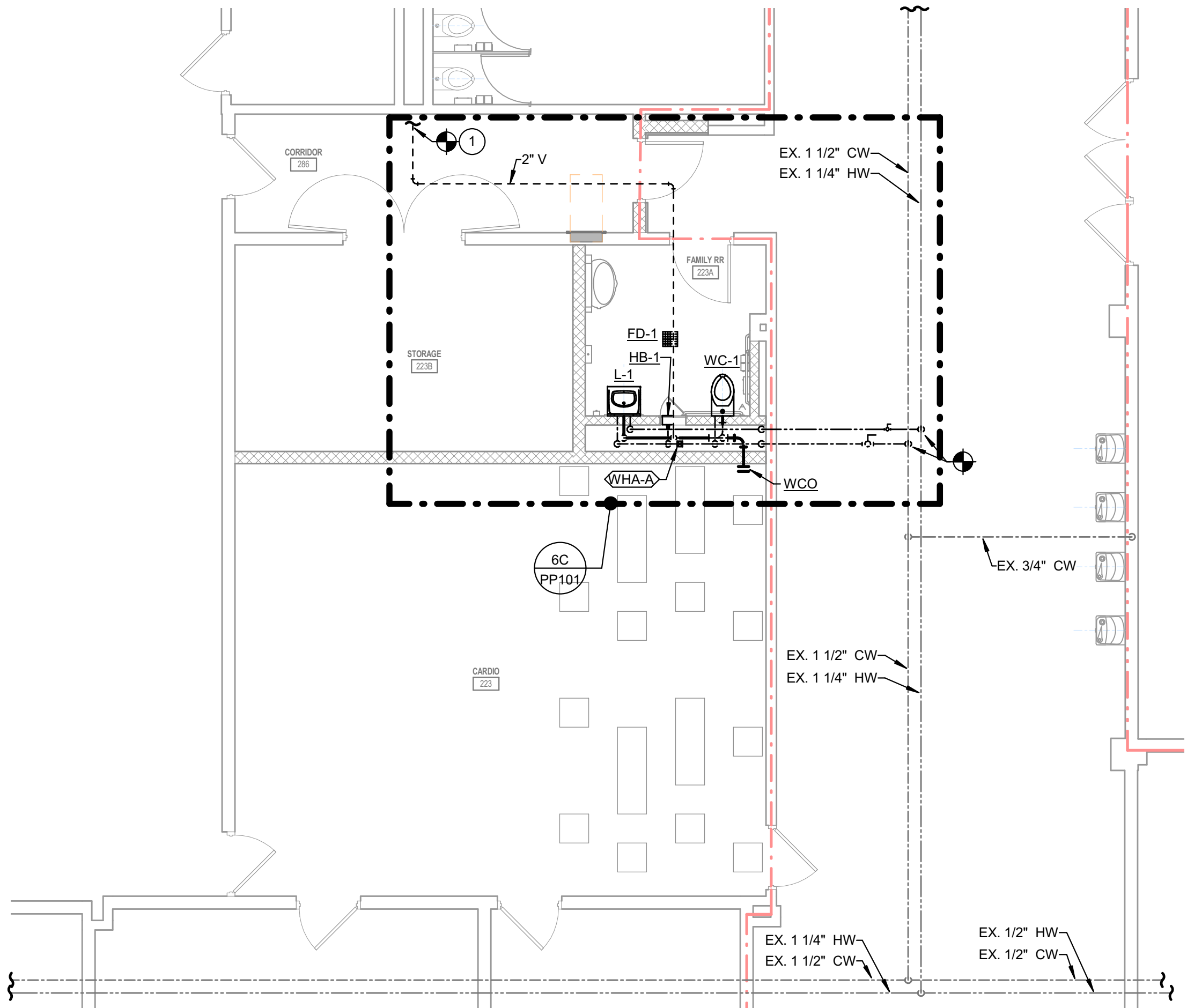
2D PIPE HANGER (6" & SMALLER) DETAIL  
NOT TO SCALE



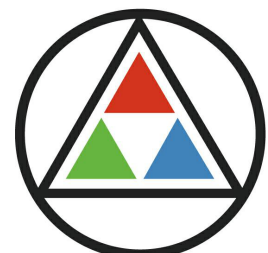
6C FAMILY RR (RM 223A) COMBINED PLUMBING SYSTEMS ISOMETRIC  
NOT TO SCALE



4A FOUNDATION PLUMBING PLAN  
3/16" = 1'-0"



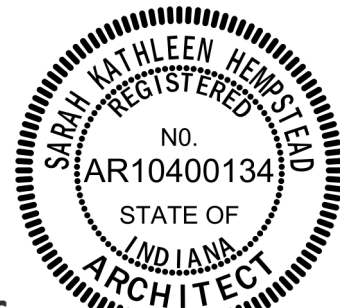
1A GROUND FLOOR PLUMBING PLAN  
3/16" = 1'-0"



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Project No. 2022-023.MJS  
Project Date 02.20.2023  
Produced JMH / EP



*Sarah K. Hempstead*  
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#	Revision	Date
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223 S Patterson St.  
Morristown, IN 46161

MORRISTOWN HS

AREA OF WORK

KEY PLAN

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

MORRISTOWN -  
FOUNDATION & GROUND  
FLOOR PLUMBING PLANS

PP101



## ABBREVIATIONS

A	AMPERE	FT	FEET, FOOT	OC	OVERCURRENT
AC	ALTERNATING CURRENT; ARMORED CABLE	FTL	FEED THROUGH LUGS	OD	OUTSIDE DIAMETER
AF	AMP SIZE OF CIRCUIT BREAKER FRAME/FUSED SWITCH	FURN	FURNISHED	OH	OVERHEAD
AFC	ABOVE FINISHED COUNTERTOP	FVNR	FULL VOLTAGE NON-REVERSING	OL	OVERLOAD
AFCI	ARC FAULT CIRCUIT INTERRUPTER				
AFF	ABOVE FINISHED FLOOR	G/ND	GROUND	P	POLE
AFG	ABOVE FINISHED GRADE	GA	GAUGE	PB	PULL BOX; PUSH BUTTON
AHU	AIR HANDLING UNIT	GALV	GALVANIZED	PC	PHOTOCELL; PLUMBING CONTRACTOR (DIVISION 22)
AIC	AMPERE INTERRUPTING CAPACITY	GC	GENERAL CONTRACTOR	PE	PEDESTAL
AL	ALUMINUM	GD	GARBAGE DISPOSAL	PF	POWER FACTOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GEN	GENERATOR	PHØ	PHASE
ASYM	ASYMMETRICAL	GFEP	GROUND FAULT EQUIPMENT PROTECTION	PV	POST INDICATOR VALVE
AT	AMP TRIP SIZE CIRCUIT BREAKER/FUSED SWITCH	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PL	PILOT LIGHT
ATS	AUTOMATIC TRANSFER SWITCH			POS	POSITIVE (+)
AUX	AUXILIARY	H	HIGH	PRI	PRIMARY
AVG	AVERAGE	HD	HEAVY DUTY	PSF	POUNDS PER SQUARE FOOT
AWG	AMERICAN WIRE GAUGE	HDPE	HIGH-DENSITY POLYETHYLENE CONDUIT	PSI	POUNDS PER SQUARE INCH
		HOA	HAND-OFF-AUTO	PT	POTENTIAL TRANSFORMER
BATT	BATTERY	HORIZ	HORIZONTAL	PUH	PROPPELLER UNIT HEATER
BCP	BRANCH CIRCUIT PANELBOARD	HP	HORSEPOWER	PVC	POLYVINYL CHLORIDE CONDUIT
BKR	BREAKER	HR	HR	PWR	POWER
BPS	BOLTED PRESSURE SWITCH	HT	HT		
		HTP	HEAT PUMP	QTY	QUANTITY
C	CONDUIT; CELSIUS	HTR	HEATER		
CAB	CABINET	HZ	HERTZ	R	RESISTANCE
CB	CIRCUIT BREAKER			RECEPT	RECEPTACLE
C/C	CENTER TO CENTER	ID	INSIDE DIAMETER	REF	REFERENCE
CD	CANDELA	IEEE	INSTIT. OF ELECTRICAL AND ELECTRONICS ENGINEERS	REFR	REFRIGERATOR
CF	CUBIC FEET	IG	ISOLATED GROUND	REQD	REQUIRED
CL	CENTERLINE	IMC	INTERMEDIATE METAL CONDUIT	RLA	RUNNING LOAD AMPS
CLG	CEILING	IMP	IMPEDANCE	RMC	RIGID METAL CONDUIT
CMU	CONCRETE MASONRY UNIT	IN	INCH	RM	ROOM
COL	COLUMN	INSUL	INSULATED; INSULATION	RT	RAINTIGHT
COMB	COMBINATION	INT	INTERIOR, INTERNAL	RTU	ROOF TOP UNIT
CONC	CONCRETE	INV EL	INVERTED ELEVATION	RVAT	REDUCED VOLTAGE AUTOTRANSFORMER
COND	CONDUCTOR				
CONN	CONNECTION	J	JOULE	SCCR	SHORT-CIRCUIT CURRENT RATING
CONT	CONTINUOUS; CONTINUED	JB	JUNCTION BOX	SCHED	SCHEDULE
CONST	CONSTRUCTION			SCCR	SHORT CIRCUIT RATING
CP	CONTROL PANEL	K	THOUSAND	SEC	SECONDARY
CPT	CONTROL POWER TRANSFORMER	KCMIL	THOUSAND CIRCULAR MILS	SF	SUPPLY FAN
CT	CURRENT TRANSFORMER	KK	KIRK KEY	SFB	SUB-FEED CIRCUIT BREAKER
CU	COPPER; CONDENSING UNIT	KO	KNOCKOUT	SFL	SUB-FEED LUGS
CUH	CABINET UNIT HEATER	KP	KEYPAD	SN	SOLID NEUTRAL
CYL	CYLINDER	KV	KILOVOLTS	SP	SINGLE-POLE
		KVA	KILOVOLT-AMPERES	SPD	SURGE PROTECTION DEVICE
D	DEEP, DEPTH	KVAR	KILOVOLT-AMPERES REACTIVE	SPDT	SINGLE-POLE, DOUBLE-THROW
DB	DIRECT BURIED	KW	KILOWATTS	SPEC	SPECIFICATION
DC	DIRECT CURRENT	KWHR	KILOWATT-HOURS	SPST	SINGLE-POLE, SINGLE-THROW
DED	DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT			SQ	SQUARE
DEMO	DEMOLISH; DEMOLITION	L	LENGTH; LONG	SQ FT	SQUARE FEET
DIA	DIAMETER	LA	LIGHTNING ARRESTOR	SQ IN	SQUARE INCH
DIAG	DIAGONAL	LB	POUND	SQ YD	SQUARE YARD
DISC	DISCONNECT	LCP	LIGHTING CONTROL RELAY PANEL	SS	STAINLESS STEEL
DISTR	DISTRIBUTION	LED	LIGHT EMITTING DIODE	S/S	START-STOP
DN	DOWN	LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT	STD	STANDARD
DPDT	DOUBLE-POLE, DOUBLE-THROW	LM	LUMEN	STP	SHIELDED TWISTED PAIR
DPST	DOUBLE-POLE, SINGLE-THROW	LOTO	LOCK-OUT TAG-OUT	SURF	SURFACE
DW	DISHWASHER	LRA	LOCKED ROTOR AMPS	SW	SWITCH
DWG	DRAWING	LSI	LONG-SHORT-INSTANTANEOUS	SWBD	SWITCHBOARD
		LSIG	LONG-SHORT-INSTANTANEOUS-GROUND FAULT	SYM	SYMMETRICAL
EA	EACH	LT	LIGHT; LIQUIDTIGHT		
EC	ELECTRICAL CONTRACTOR; DIVISIONS 26-28	LTG	LIGHTING	T	TEMPERATURE; TRANSFORMER
EF	EXHAUST FAN	LV	LOW VOLTAGE	TB	TERMINAL BLOCK
EG	ELECTRICAL GROUND BAR			TC	TIME CLOCK
EGC	ELECTRICAL GROUNDING CONDUCTOR			TCC	TEMPERATURE CONTROL CONTRACTOR
EHD	ELECTRIC HAND DRYER	MAN	MANUAL	TCP	TEMPERATURE CONTROL PANEL
ELEC	ELECTRICAL	MAT	MATERIAL		
ELEV	ELEVATOR; ELEVATION	MAX	MAXIMUM	TD	TIME DELAY
EM	EMERGENCY	MC	MECH. CONTRACTOR (DIV. 23); METAL CLAD CABLE	TR	TAMPER-RESISTANT
EMT	ELECTRICAL METALLIC TUBING	MCA	MINIMUM CIRCUIT AMPACITY	TS	TAMPER SWITCH
ENCL	ENCLOSURE	MCB	MAIN CIRCUIT BREAKER	TYP	TYPICAL
ENG	ENGINE	MCC	MOTOR CONTROL CENTER		
EO	ELECTRICALLY OPERATED	MCCB	MOLDED CASE CIRCUIT BREAKER	UC	UNDERCOUNTER; UNDERCABINET
EPO	EMERGENCY POWER OFF	MDP	MAIN DISTRIBUTION PANELBOARD	UG	UNDERGROUND
EQ	EQUAL	MECH	MECHANICAL	UL	UNDERWRITERS LABORATORY
EQUIP	EQUIPMENT	MED	MEDIUM	UNFIN	UNFINISHED
ERM	ENERGY REDUCTION MAINTENANCE SWITCH	MEGB	MAIN ELECTRICAL GROUND BAR	UNO	UNLESS NOTED OTHERWISE
EST	ESTIMATED	MFG	MANUFACTURING	UTIL	UTILITY
ETR	EXISTING TO REMAIN	MFR	MANUFACTURER	UTP	UNSHIELDED TWISTED PAIR
EWC	ELECTRIC WATER COOLER	MFS	MAIN FUSED SWITCH	UV	UNIT VENTILATOR
EWB	ELECTRIC WATER HEATER	MH	MANHOLE; MOUNTING HEIGHT		
EXP	EXPOSED	MIN	MINIMUM	V	VOLT
EX	EXISTING	MISC	MISCELLANEOUS	VA	VOLT AMPERES
EXT	EXTERIOR	MLO	MAIN LUGS ONLY	VAR	VOLT AMPERES REACTIVE
		MOCP	MAXIMUM OVERCURRENT PROTECTION	VERT	VERTICAL
F	FUSED; FAHRENHEIT	MSB	MAIN SWITCHBOARD	VFD	VARIABLE FREQUENCY DRIVE
FA	FIRE ALARM	MTD	MOUNTED	VG	VANDAL GUARD
FAA	FIRE ALARM ANNUNCIATOR	MTG	MOUNTING	VIF	VERIFY IN FIELD
FACU	FIRE ALARM CONTROL UNIT	MTS	MANUAL TRANSFER SWITCH	VM	VENDING MACHINE
FB	FLOOR BOX	MV	MEDIUM VOLTAGE	VP	VANDAL PROOF
FC	FOOT-CANDLE	MVA	MEGAVOLT AMPERES	VR	VANDAL RESISTANT
FCU	FAN COIL UNIT	MVAR	MEGAVOLT AMPERES REACTIVE	VUV	VERTICAL UNIT VENTILATOR
FD	FUSED DISCONNECT	MW	MEGAWATTS; MICROWAVE OVEN		
FDN	FOUNDATION			W	WIDE; WIRE; WATT
FDR	FEEDER	N	NEUTRAL	W/	WITH
FIN	FINISHED	N/A	NOT APPLICABLE	W/O	WITHOUT
FIXT	FIXTURE	NC	NORMALLY CLOSED	WG	WIRE GUARD
FLA	FULL LOAD AMPS	NEG	NEGATIVE (-)	WP	WEATHERPROOF
FLEX	FLEXIBLE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.	WT	WATERTIGHT; WEIGHT
FLR	FLOOR	NF	NON-FUSED DISCONNECT SWITCH		
FM	FACTORY MUTUAL	NIC	NOT IN CONTRACT	XFER	TRANSFER
FMC	FLEXIBLE METAL CONDUIT	NL	NIGHT LIGHT	XFMR	TRANSFORMER
FPB	FAN POWERED BOX	NM	NON-METALLIC SHEATHED CABLE		
FS	FLOW SWITCH	NO	NORMALLY OPEN; NUMBER	Y	WYE
FTL	FEED THROUGH LUGS	NTS	NOT TO SCALE		

## ELECTRICAL LEGEND & SYMBOLS LIGHTING

SUBSCRIPTS FOR LIGHTING FIXTURES INDICATE THE FOLLOWING, U.O.N. NL - NIGHT LIGHT, PANEL SWITCHED, U.O.N.	
	• LIGHT FIXTURE • TYPE AS INDICATED
	• WALL MOUNTED FIXTURE • TYPE AS INDICATED
	• LIGHTING FIXTURE • TYPE AS INDICATED
	• POLE MOUNTED LIGHT FIXTURE • TYPE AS INDICATED
	• TRACK AND TRACK LIGHT FIXTURE
	• EMERGENCY BATTERY WALL PACK • TYPE AS INDICATED
	• SHADING INDICATES EMERGENCY FIXTURE CONNECTED TO BATTERY INVERTER OR GENERATOR
	• CONNECT BATTERY INVERTER TO UNSWITCHED SOURCE IN ADDITION TO SWITCHING INDICATED
	• EXIT SIGN
	• DIRECTIONAL ARROWS AS INDICATED
	• SHADING INDICATES ILLUMINATED FACE
	• CONNECT TO UNSWITCHED BRANCH CIRCUIT INDICATED
	• END / WALL / CEILING

## POWER DISTRIBUTION

	• POWER DISTRIBUTION PANELBOARD • 480Y/277V; 3Ø, 4W • FLOOR / SURFACE
	• POWER DISTRIBUTION PANELBOARD • 2Ø8Y/120V; 3Ø, 4W • FLOOR / SURFACE
	• BRANCH CIRCUIT PANELBOARD • 2Ø8Y/120V OR 480Y/277V; 3Ø, 4W • FLUSH / SURFACE
	• TERMINAL CABINET, TYPE AS NOTED ON DRAWINGS • FLUSH / SURFACE
	• DRY-TYPE TRANSFORMER, RATING AS INDICATED • HOUSEKEEPING PAD
	• SWITCHBOARD W/MAIN CIRCUIT BREAKER SECTION • HOUSEKEEPING PAD
	• AUTOMATIC TRANSFER SWITCH
	• WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT
	• ELECTRIC MANHOLE
	• GROUND ROD
	• MOTOR - "M" INDICATES HORSEPOWER
	• HEAVY-DUTY, NON-FUSED DISCONNECT SWITCH (DS-#)
	• HEAVY-DUTY, FUSED DISCONNECT SWITCH (DS-#)
	• COMBINATION MOTOR STARTER AND DISCONNECT SWITCH (MS-#)
	• VARIABLE FREQUENCY DRIVE (MS-#)
	• FRACTIONAL HORSEPOWER MANUAL CONTROLLER WITH THERMAL OVERLOADS (MS-#)
	• EMERGENCY POWER OFF BUTTON
	• PUSH BUTTON CONTROL STATION

## CONDUIT & FEEDER

	• UNDERGROUND ELECTRICAL SERVICE
	• OVERHEAD ELECTRICAL SERVICE
	• CONDUIT - TURNED UP
	• CONDUIT - TURNED DOWN
	• HOMERUN TO PANEL WITH CIRCUIT NUMBER(S) AS INDICATED
	• GROUND CONDUCTOR
	• PHASE CONDUCTOR
	• NEUTRAL CONDUCTOR
	• ONE-LINE DIAGRAM
	• EXISTING FEEDER & CONDUIT
	• ONE-LINE DIAGRAM
	• NEW (NORMAL) FEEDER & CONDUIT
	• ONE-LINE DIAGRAM
	• NEW (EMERGENCY) FEEDER & CONDUIT
	• ONE-LINE DIAGRAM & FLOOR PLANS • NEW FEEDER & CONDUIT SIZE • REFER TO FEEDER & BRANCH CIRCUIT SCHEDULE (COPPER) OR FEEDER SCHEDULE (ALUMINUM) BASED ON SPECIFICATIONS AND PROVIDE BOTH FEEDER AND CONDUIT SIZE INDICATED

## WIRING DEVICES

SUBSCRIPTS FOR RECEPTACLES, JUNCTION BOXES AND OTHER DEVICES INDICATE THE FOLLOWING, U.O.N.	
F - FLUSH IN FLOOR GFCI - GROUND FAULT CIRCUIT INTERRUPTER H - HORIZONTALLY MOUNTED IG - ISOLATED GROUND	L - LOCKING TYPE TR - TAMPER RESISTANT S - SURFACE MOUNTED WP - WEATHERPROOF IN-USE X - MOUNTED IN EXISTING OUTLET BOX
	• SIMPLEX RECEPTACLE • NEMA 5-2ØR, 125V, 2ØA
	• DUPLEX RECEPTACLE • NEMA 5-2ØR, 125V, 2ØA
	• DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE
	• DUPLEX RECEPTACLE • EMERGENCY CIRCUIT • NEMA 5-2ØR, 125V, 2ØA
	• DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE • EMERGENCY CIRCUIT • NEMA 5-2ØR, 125V, 2ØA
	• DUPLEX RECEPTACLE • SPLIT-WIRE • NEMA 5-2ØR, 125V, 2ØA
	• HALF CONTROLLED
	• FULLY CONTROLLED
	• DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE • PLUG-LOAD CONTROLLED • NEMA 5-2ØR, 125V, 2ØA
	• SPECIAL RECEPTACLE • NEMA CONFIGURATION AS INDICATED ON DRAWING
	• JUNCTION BOX
	• DIRECT CONNECTION TO EQUIPMENT
	• PULLBOX • PROVIDE PULLBOXES INDICATED AS A MINIMUM • PROVIDE ADDITIONAL PULLBOXES, SIZED PER NEC, AS REQUIRED
	• SURFACE-MOUNTED RACEWAY • RECEPTACLES IN LOCATIONS INDICATED
	• WIREWAY • WALL MOUNTED U.O.N.
	• FLOOR BOX
	• SINGLE POLE SWITCH
	• THREE-WAY SWITCH
	• FOUR-WAY SWITCH
	• SINGLE POLE SWITCH W/ PILOT LIGHT
	• THREE-WAY SWITCH WITH PILOT LIGHT
	• KEY OPERATED SINGLE POLE SWITCH
	• KEY OPERATED THREE-WAY SWITCH

## GENERAL ROUGH-IN MOUNTING HEIGHT NOTES

#	NOTES
A	COMPLETE COMPLIANCE WITH ALL ASPECTS OF ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1 IS REQUIRED OF ALL PROJECTS AND ACTIVITIES.
B	MOUNTING HEIGHTS INDICATED ARE FOR TYPICAL DEVICES, UNLESS NOTED OR SPECIFIED OTHERWISE.
C	COORDINATE MOUNTING HEIGHTS OF ANY DEVICES WHICH ARE NOT INDICATED BY ARCHITECT OR AND/OR ENGINEER.
D	REFERENCE DIVISIONS 6, 10, 14, 22, 23, AND 27 FOR ADDITIONAL MOUNTING HEIGHTS.

## MOUNTING HEIGHTS

SYMBOL	MOUNTING HEIGHT ABOVE FINISHED FLOOR (U.O.N.)
	• +18" TO CENTER OF RECEPTACLE
	• +6" ABOVE TOP OF COUNTERTOP TO BOTTOM OF RECEPTACLE
	• +18" TO CENTER OF RECEPTACLE
	• +6" ABOVE TOP OF COUNTERTOP TO BOTTOM OF RECEPTACLE
	• FLUSH TO CEILING
	• +46" TO CENTER OF LIGHT SWITCH / CONTROLS
	• +46" TO CENTER OF DIMMER / CONTROLS
	• COORDINATE MOUNTING HEIGHT WITH EQUIPMENT IF NOT INDICATED ON DRAWING
	• +46" TO CENTER OF EMERGENCY SHUT-OFF
	• +80" TO BOTTOM OF WALL MOUNTED FIRE ALARM DEVICE
	• +46" TO CENTER OF MANUAL PULL STATION
	• REFER TO SPECIFICATIONS AND GENERAL SYMBOLS & ABBREVIATIONS NOTES (ALL DRAWINGS)
	• +90" TO TOP OF POWER DISTRIBUTION PANELBOARD'S TRIM
	• +72" TO TOP OF PANELBOARD'S TRIM
	• +72" TO TOP OF EQUIPMENT
	• +72" TO TOP OF EQUIPMENT
	• +46" TO CENTER OF MOTOR STARTER TOGGLE SWITCH

## LIGHTING CONTROL DEVICES

SYMBOL	MOUNTING	DIMMING TYPE	OCCUPANCY SENSOR TYPE	SWITCH/ BUTTONS	CONTROL DESCRIPTION
	WALL	0-10V	N/A	(1)	• (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL) OFF • (1) MANUAL LIGHT LEVEL WITH SLIDER
	WALL	0-10V	DUAL TECH.	(1)	• (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL) OFF • (1) MANUAL LIGHT LEVEL WITH SLIDER • MANUAL ON / AUTO OFF
	WALL	LINE VOLT.	N/A	(1)	• (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL) OFF • (1) MANUAL LIGHT LEVEL WITH SLIDER
	WALL	DMX	N/A	MULTI.	• DMX COLOR CHANGING CONTROLLER • NICOLAUDIE STICK-CU4
	WALL	N/A	DUAL TECH.	(1)	• (1) MANUAL SWITCH ON/OFF • MANUAL ON / AUTO OFF
	WALL	N/A	DUAL TECH.	(2)	• (2) MANUAL SWITCH ON/OFF • MANUAL ON / AUTO OFF
	WALL	N/A	DUAL TECH.	(1)	• (1) MANUAL SWITCH ON/OFF • AUTO ON / AUTO OFF
	CEILING	N/A	DUAL TECH.	N/A	• MANUAL CONTROLS & AUTO-ON / AUTO-OFF • 1000 SOFT COVERAGE • TWO RELAYS IN POWER PACK
	CEILING	N/A	DUAL TECH.	N/A	• MANUAL CONTROLS & AUTO-ON / AUTO-OFF • 1000 SOFT COVERAGE • TWO RELAYS IN POWER PACK • PLUG-LOAD CONTROL OF RECEPTACLES INDICATED IN ROOM, U.O.N.
	CEILING	N/A	PIR	N/A	• MANUAL CONTROLS & AUTO-ON / AUTO-OFF • TWO RELAYS IN POWER PACK • HIGH-BAY COVERAGE
	CEILING	N/A	N/A	N/A	• DAY-LIGHT HARVESTING CONTROLLER W/AUTO DIMMING

## FIRE ALARM SYSTEM

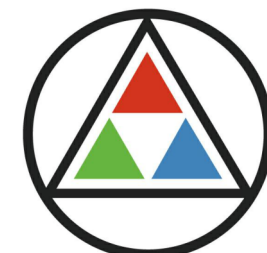
SUBSCRIPTS FOR FIRE ALARM SYSTEM DEVICES INDICATE THE FOLLOWING, U.O.N. S - SURFACE MOUNTED WP - WEATHERPROOF X - MOUNTED IN EXISTING OUTLET BOX		
	FACU	• FIRE ALARM CONTROL UNIT • FLUSH / SURFACE
	RACU	• REMOTE FIRE ALARM CONTROL UNIT • FLUSH / SURFACE
	FAA	• FIRE ALARM ANNUNCIATOR UNIT • FLUSH / SURFACE
		• MANUAL PULL STATION
		• SPEAKER • WALL / CEILING
		• SPEAKER/STROBE • WALL / CEILING
		• HORN • WALL / CEILING
		• HORN/STROBE • WALL / CEILING
		• VISUAL STROBE • WALL / CEILING
		• BELL WITH VISUAL INDICATOR • WALL
	S	• SMOKE DETECTOR • CEILING
	H	• HEAT DETECTOR • CEILING
	S/H	• COMBINATION SMOKE / HEAT DETECTOR • CEILING
	S	• DUCT DETECTOR - SUPPLY DUCT
	R	• DUCT DETECTOR - RETURN DUCT
		• DOOR HOLD RELEASE DEVICE • SUPPLIED BY DIVISION 8
	AR	• ADDRESSABLE RELAY MODULE FOR CONTROL / MONITORING
	TS	• SPRINKLER SYSTEM TAMPER SWITCH
	FS	• SPRINKLER SYSTEM FLOW SWITCH
	PS	• SPRINKLER SYSTEM PRESSURE SWITCH
	P	• POST INDICATOR VALVE

## PANELBOARD NAMING

BRANCH PANELBOARDS	POWER DISTRIBUTION PANELBOARDS
1 2 A 1 1- SEQUENTIAL PANEL PANEL NUMBER FLOOR PLAN UNIT A - UNIT A B - UNIT B VOLTAGE 2 - 2Ø8Y/120V 4 - 48ØY/277V FLOOR NUMBER B - BASEMENT 1 - 1ST FLOOR 2 - 2ND FLOOR	1 2 A DP 1 1- SEQUENTIAL PANEL NUMBER "DISTRIBUTION PANELBOARD" FLOOR PLAN UNIT A - UNIT A B - UNIT B VOLTAGE 2 - 2Ø8Y/120V 4 - 48ØY/277V FLOOR NUMBER B - BASEMENT 1 - 1ST FLOOR 2 - 2ND FLOOR

## ANNOTATION SYMBOLS

	• CIRCUIT TAG
	• ROOM CIRCUIT TAG



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Project Date 02.20.2023  
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#	Revision	Date
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MAXIMUM BRANCH CIRCUIT CONDUCTOR LENGTHS (FEET)

CONDUCTOR SIZE	SINGLE PHASE BRANCH CIRCUIT BREAKER SIZE							
	120 VOLT		208 VOLT		277 VOLT		480 VOLT	
	20A-1P	30A-1P	20A-2P	30A-2P	20A-1P	30A-1P	20A-2P	30A-2P
#12	55	N/A	100	N/A	135	N/A	230	N/A
#10	95	65	165	110	220	145	385	255
#8	145	95	255	170	340	225	590	390
#6	230	150	400	265	535	355	925	615
#4	355	235	620	415	825	550	1435	955
#3	440	290	760	505	1015	675	1755	1170
#2	540	360	935	625	1250	830	2165	1440
#1	660	440	1145	765	1525	1020	2650	1765

CONDUCTOR SIZE	THREE PHASE BRANCH CIRCUIT BREAKER SIZE			
	208 VOLT		480 VOLT	
	20A-3P	30A-3P	20A-3P	30A-3P
#12	115	N/A	270	N/A
#10	190	125	445	295
#8	295	195	680	455
#6	460	305	1070	710
#4	715	475	1655	1105
#3	880	585	2030	1350
#2	1080	720	2500	1665
#1	1325	880	3060	2040

- NOTES:
1. MAINTAIN A MAXIMUM VOLTAGE DROP OF 3%. ADJUST CONDUCTOR SIZE PER MAXIMUM BRANCH CIRCUIT LENGTH.
  2. BRANCH CIRCUIT LENGTHS ARE BASED ON CONDUCTOR DISTANCE FROM PANELBOARD TO LOAD.
  3. PROVIDE JUNCTION BOX TO MAKE WIRE TRANSITION FOR FINAL TERMINATION ON DEVICE, FIXTURE, EQUIPMENT, ETC.
  4. CALCULATIONS BASED ON COPPER CONDUCTORS, 80% LOADING OF BRANCH CIRCUIT BREAKER, AND 0.95 POWER FACTOR.

FEEDER & BRANCH CIRCUIT SCHEDULE (COPPER)

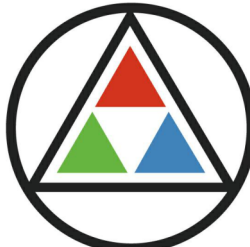
FEEDER/BRANCH CIRCUIT LABEL	CONDUCTOR SIZE PER CONDUIT									
	PHASE & NEUTRAL	EQUIP./SERV. GROUND	CONDUIT SIZE & QUANTITY							
			1P, 1N, 1G	2P, 1N, 1G	3P, 1N, 1G	3P, 1N, 1G	3P, 2N, 1G	3P, 3N, 1G	3P, 1N, 2G	3P, 1N, 2G
F20	12	12	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
F30	10	10	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
F40	8	10	3/4"	3/4"	1"	1"	1"	1"	1"	1"
F50	6	10	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1"	1"
F60	4	10	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
F70	4	8	1"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/4"	1-1/4"
F80	3	8	1"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	2"	1-1/2"	1-1/2"
F90	2	8	1"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	2"	1-1/2"	1-1/2"
F100	1	8	1-1/4"	1-1/2"	1-1/2"	2"	2"	2"	2"	2"
F110	1	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"	2"
F125	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"	2"
F150	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"	2"
F175	2/0	6	1-1/2"	2"	2"	2-1/2"	2-1/2"	2"	2-1/2"	2"
F200	3/0	6	1-1/2"	2"	2"	2-1/2"	3"	2-1/2"	2-1/2"	2-1/2"
F225	4/0	4	2"	2"	2-1/2"	3"				
F250	250	4	2"	2-1/2"	3"				3"	3"
F300	350	4	2"	2-1/2"	3"	3-1/2"			3"	3"
F350	500	3	2-1/2"	3"	3-1/2"	4"			3-1/2"	3-1/2"
F400	3/0	3	(2) 1-1/2"	(2) 2"	(2) 2-1/2"	(2) 2-1/2"			(2) 2-1/2"	(2) 2-1/2"
F450	4/0	2	(2) 2"	(2) 2"	(2) 2-1/2"	(2) 3"			(2) 2-1/2"	(2) 2-1/2"
F500	250	2	(2) 2"	(2) 2-1/2"	(2) 3"	(2) 3"			(2) 3"	(2) 3"
F600	350	1	(2) 2-1/2"	(2) 3"	(2) 3"	(2) 3-1/2"			(2) 3"	(2) 3"
F700	500	1/0	(2) 2-1/2"	(2) 3"	(2) 3-1/2"	(2) 4"			(2) 3-1/2"	(2) 3-1/2"
F800	350	2/0	(3) 2-1/2"	(3) 3"	(3) 3"	(3) 3-1/2"			(3) 3"	(3) 3"
F900	350	2/0	(3) 2-1/2"	(3) 3"	(3) 3"	(3) 3-1/2"				
F1000	500	2/0	(3) 2-1/2"	(3) 3"	(3) 3-1/2"	(3) 4"				
F1200	350	3/0	(4) 2-1/2"	(4) 3"	(4) 3"	(4) 3-1/2"				
F1600	500	4/0	(5) 3"	(5) 3"	(5) 3-1/2"	(5) 4"				
F2000	500	250	(6) 3"	(6) 3"	(6) 3-1/2"	(6) 4"				
F2500	500	350	(7) 4"	(7) 3-1/2"	(7) 3-1/2"	(7) 4"				
F3000	500	500	(8) 4"		(8) 4"	(8) 4"				

GENERAL FEEDER & BRANCH CIRCUIT SCHEDULE NOTES (COPPER & ALUMINUM)

- | # | NOTES   |
|---|---|
| A | PROVIDE BOTH NEW CONDUCTORS AND NEW CONDUIT FOR ALL FEEDERS AND BRANCH CIRCUITS INDICATED WITH A 'FEEDER/BRANCH CIRCUIT LABEL'. DO NOT REUSE ANY EXISTING CONDUCTORS AND/OR CONDUIT UNLESS SPECIFICALLY NOTED ON DRAWINGS, ONE-LINE DIAGRAM, ETC.   |
| B | REFER TO SPECIFICATIONS FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.  |
| C | REFER TO SPECIFICATIONS FOR TYPE OF RACEWAY.  |
| D | FOR ALL NEW AND EXISTING CONDUIT INSTALLATIONS, REFER TO THE NEC FOR CONDUIT AND TUBING FILL TABLES. IN LOCATIONS WHERE EXISTING CONDUIT IS PERMITTED TO BE REUSED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTING CONDUIT SIZE MEETS THE NEC CONDUIT AND FILL TABLES PRIOR TO BID. IF THE CONDUIT DOES NOT MEET THE NEC FILL TABLES, REPLACE THE CONDUIT FOR THE FEEDER AND/OR BRANCH CIRCUIT IN ITS ENTIRETY TO SATISFY THE NEC CONDUIT AND TUBING FILL TABLES. |
| E | ANY CONDUIT AND/OR CONDUCTOR SIZE DEVIATIONS FROM THIS SCHEDULE, OR INDICATED ON DRAWINGS, MUST BE APPROVED BY THE ENGINEER IN WRITING.   |

GENERAL REQUIREMENTS NOTES (ALL DRAWINGS)

- | # | NOTES   |
|---|---|
| A | APPLICABLE CODE: 2009 INDIANA ELECTRICAL CODE (2008 NEC WITH AMENDMENTS).   |
| B | CONNECT ALL LIGHTING FIXTURES WITHIN ROOM TO INDICATED SWITCH AND BRANCH CIRCUIT, U.O.N.  |
| C | WHERE MULTIPLE SWITCHES, RECEPTACLES, AND OTHER OUTLETS (EXCEPT PHONES) ARE INDICATED, PROVIDE MULTI-GANG/BACK OUTLET BOXES WITH GANG BARRIERS AND A COMMON FACEPLATE FOR SIMILAR DEVICES.  |
| D | WHERE EXIT SIGNS ARE INDICATED ABOVE DOOR, MOUNT AS FOLLOWS: IF THE DISTANCE BETWEEN THE TOP OF THE DOOR FRAME AND THE CEILING IS 24 INCHES OR LESS, CENTER THE EXIT SIGN BETWEEN TOP OF DOOR FRAME AND CEILING. OTHERWISE, MOUNT BOTTOM OF EXIT SIGN 6 INCHES ABOVE TOP OF DOOR FRAME. MOUNT OTHER WALL MOUNTED EXIT SIGNS LOCATED WITHIN THE SAME AREA AT THE SAME HEIGHT.  |
| E | WHERE DIFFERENT RECESSED ELECTRICAL DEVICES WITH THE SAME MOUNTING HEIGHTS ARE INDICATED SIDE-BY-SIDE, MOUNT THE DEVICES SO THAT THERE IS FOUR INCHES BETWEEN ADJACENT VERTICAL EDGES.  |
| F | WHERE ELECTRICAL DEVICES WITH DIFFERENT MOUNTING HEIGHTS ARE LOCATED IN THE SAME AREA ALIGN DEVICES VERTICALLY THROUGH THEIR CENTERLINES.   |
| G | INSTALL SEPARATE INDEPENDENT NEUTRAL CONDUCTORS FOR ALL 120V AND 277V CIRCUITS. DO NOT SHARE NEUTRALS.  |
| H | ALL EXIT FIXTURES AND FIXTURES INDICATED WITH "NL" SHALL BE UNSWITCHED.   |
| I | INSTALL NO MORE THAN THREE PHASE CONDUCTORS (PLUS NEUTRALS AND GROUND) PER CONDUIT UNLESS 1310-15 NEC IS FOLLOWED.  |
| J | NUMBER OF WIRES INDICATED ON DRAWINGS, IN PANEL SCHEDULES AND CIRCUIT SIZING SCHEDULES APPLIES TO CURRENT CARRYING CONDUCTORS INCLUDING NEUTRALS. IN ADDITION TO THE NUMBER OF WIRES INDICATED, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR SIZED AS SCHEDULED OR SIZED BY NEC 250.  |
| K | UNLESS OTHERWISE NOTED, PROVIDE FEEDERS AND BRANCH CIRCUITS WHICH HAVE AN AMPACITY EQUAL TO OR GREATER THAN THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE RATING SERVING THE CIRCUIT. REFER TO CIRCUIT SIZING SCHEDULE FOR SIZES OF FEEDERS AND BRANCH CIRCUITS.  |
| L | COORDINATE LOCATION OF CEILING MOUNTED FIRE ALARM DEVICES WITH OTHER EQUIPMENT TO AVOID INTERFERENCE. LOCATE FIRE ALARM DEVICES AS NEAR TO LOCATION INDICATED WHILE AVOIDING INTERFERENCES.   |
| M | MAKE FINAL CONNECTION BETWEEN DISCONNECT AND EQUIPMENT BEING SERVED BY FEEDER OR BRANCH CIRCUIT.  |
| N | DIVISION 26 CONTRACTOR SHALL REFER TO LIFE SAFETY PLAN FOR FIRE-RATING REQUIREMENTS. DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE-RATED DEVICES/SEALS AS SHOWN ON ELECTRICAL DRAWINGS AND AS REQUIRED BASED ON LIFE SAFETY PLAN INFORMATION.  |
| O | PER NEC ARTICLE 110.26(A) AND 110.26(F) THE DEDICATED ELECTRICAL SPACE INCLUDES THE SPACE DEFINED BY EXTENDING THE FOOTPRINT OF THE ELECTRICAL EQUIPMENT (INCLUDING BUT NOT LIMITED TO SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, MOTOR CONTROLLERS) FROM THE FLOOR TO A HEIGHT OF 6'-0" ABOVE THE HEIGHT OF THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER IS LOWER. THE DEDICATED ELECTRICAL SPACE MUST BE CLEAR OF ANY PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION. PLUMBING, HEATING, VENTILATION, AND AIR-CONDITIONING PIPING, DUCTS, AND EQUIPMENT MUST BE INSTALLED OUTSIDE THE WIDTH AND DEPTH ZONE. CONTRACTOR SHALL MAKE SURE NO PIPING OR DUCT WORK IS INSTALLED ABOVE THE ELECTRICAL EQUIPMENT. COORDINATE THESE REQUIREMENTS WITH ALL OTHER TRADES PRIOR TO INSTALLATION. |
| P | CONTRACT DOCUMENTS CONSISTS OF BOTH A PROJECT MANUAL AND DRAWINGS. BOTH ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.  |



SCHMIDT ASSOCIATES

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Project Date 02.20.2023

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#	Revision	Date
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223 S Patterson St.  
Morristown, IN 46161

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

GENERAL INFORMATION

Project No. 2022-023.MJS  
Project Date 02.20.2023  
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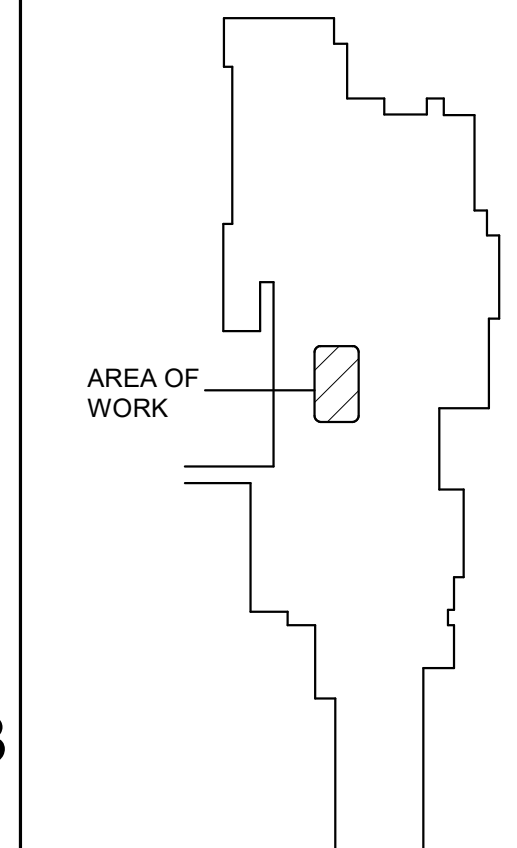
Sarah K Hempstene

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MORRISTOWN HS



## KEY PLAN

Shelby Eastern  
Schools

Morristown and  
Waldron JR/SR HS  
Restrooms

MORRISTOWN - OVERALL  
GROUND LEVEL PLAN

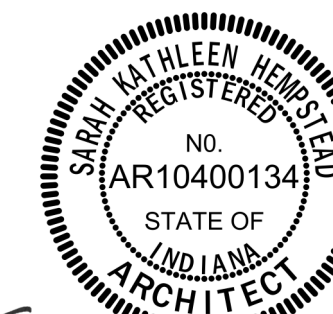
E-101

GENERAL OVERALL BUILDING NOTES	
#	NOTES
A	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION

OVERALL BUILDING PLAN NOTES	
#	NOTES

**2A** **GROUND LEVEL OVERALL PLAN**  
1/32" = 1'-0"

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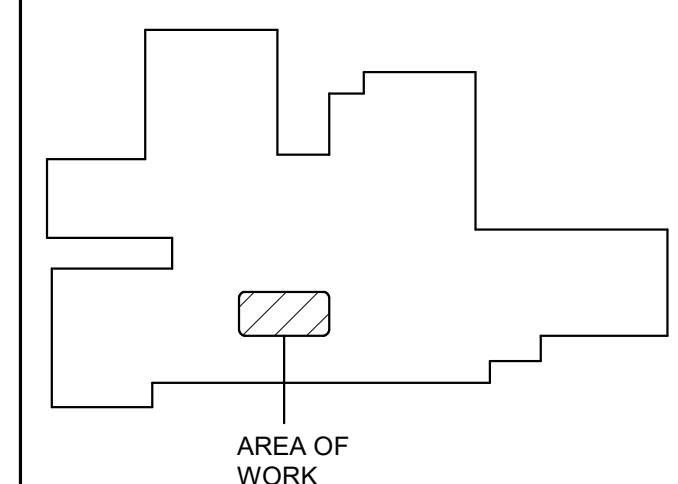
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102 N East St  
Waldron, IN 46182

WALDRON HS



## KEY PLAN

Shelby Eastern  
Schools

Morristown and  
Waldron JR/SR HS  
Restrooms

WALDRON - OVERALL  
BUILDING PLAN

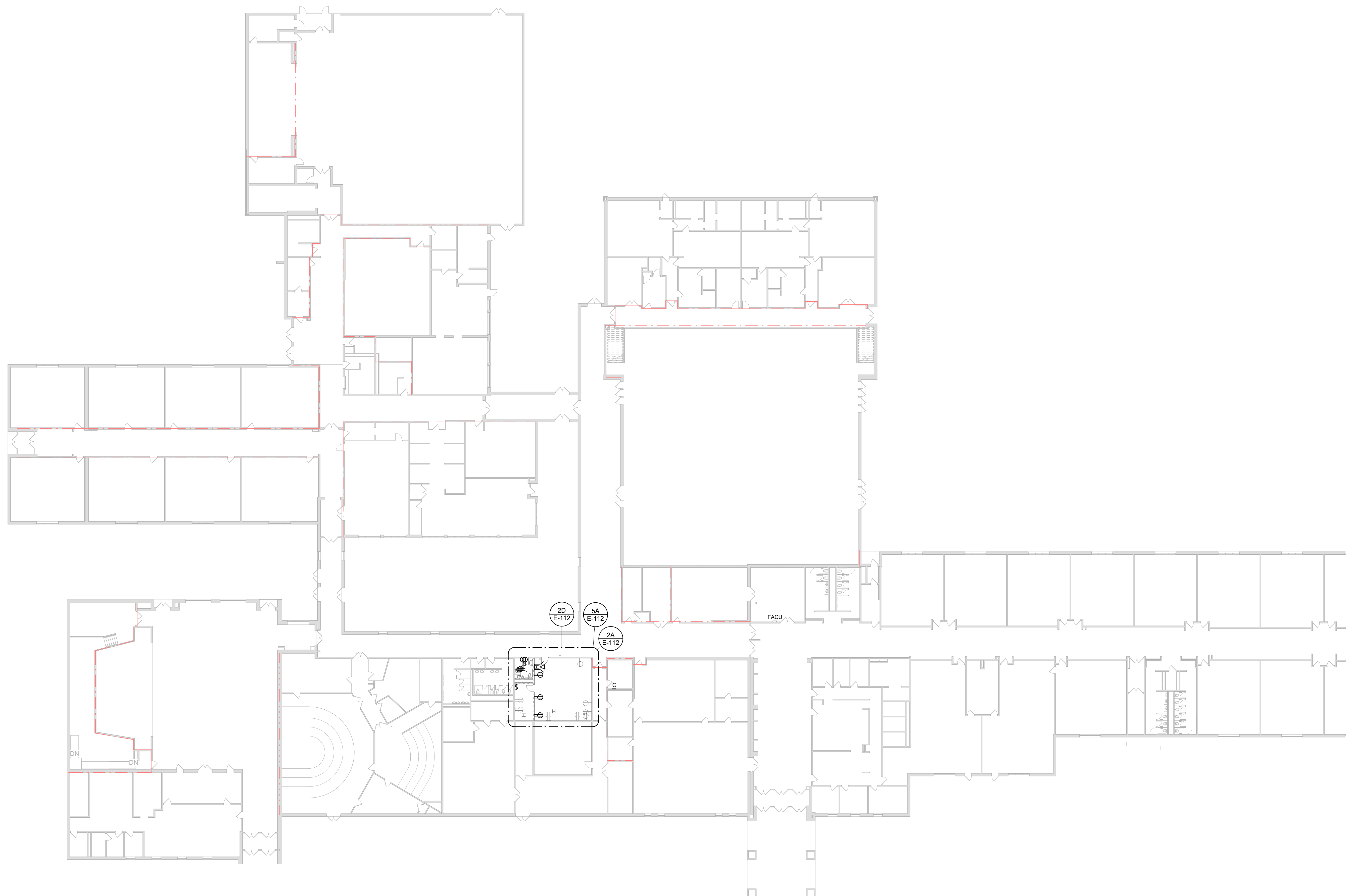
E-102

#	NOTES
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A	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION
---	--

#	NOTES
---	-------

**1A FIRST FLOOR OVERALL BUILDING PLAN**  
3/64" = 1'-0"



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**2C ENLARGED LIGHTING PLAN**  
1/4" = 1'-0"

GENERAL LIGHTING NOTES	
#	NOTES
A	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES	
#	NOTES
1	PROVIDE NEW CONTROLS IN DEMOLISHED SWITCH LOCATION. PROVIDE COVERPLATE FOR EXISTING OPENING.
2	CONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT FROM DEMOLITION. PROVIDE ADDITIONAL WIRING AS REQUIRED.
3	CONNECT EXIT SIGN TO CIRCUIT FEEDING DEMOLISHED EXIT SIGN.

**2A ENLARGED DEMOLITION PLAN**  
1/4" = 1'-0"

GENERAL DEMOLITION NOTES	
#	NOTES
A	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.
B	THE DRIVING SURFACE SHALL BE DEMOLISHED TO THE ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
C	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS. IT IS THE OBLIGATION OF THE BIDDER TO VERIFY THE WORK TO BE DONE. EITHER SHALL BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
D	THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
E	THE OWNER HOLDS RIGHT OF FIRST REFUSAL, FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
F	ALL ELECTRICAL ITEMS SHOWN WITH LIGHT WIREWORK ARE EXISTING TO REMAIN.
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH SOLID/DASHED LINEWORK COMPLETE.
H	COORDINATE AND DISCONNECT ALL CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND TELECOMMUNICATION EQUIPMENT AS NOTED FOR REMOVAL. OTHERS REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
I	PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
J	PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
K	REFER TO A, M, P, AND T-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK ON THE NEW EXISTING CEILINGS.
L	REMOVE SYSTEMS AND EQUIPMENT MADE OBSOLETE BY THIS PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, CONDUIT, RACEWAYS, WIRERAYS, CONDUITS, JUNCTION BOXES, ELECTRICAL BOXES, LIGHT FIXTURES, PULL BOXES, DISCONNECTS, MOTOR STARTERS, CONTACTORS, ETC.
M	REMOVE ALL DEBRIS FROM SITE AND LEGALLY DISPOSE OF SAME.
N	REMOVE ALL EXISTING EQUIPMENT PADS MADE OBSOLETE. CUT OFF BELOW FLOOR IS AND FILL IN WITH PATCHING MATERIAL. REMOVE ALL SUCH AREAS ON OR BELOW THE FLOOR SLAB. PATCH FLOOR TO MATCH EXISTING CONDITION.
#	NOTES
1	DISCONNECT AND RELOCATE EXISTING FIRE ALARM DEVICE. REFER TO POWER PLAN FOR NEW LOCATION.
2	DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED RACEWAY AND RECEPTABLES. REMOVE CONDUIT AND WIRING ROUTE TO PANELBOARD. MISCAL DISCONNECT AND REMOVE LIGHT FIXTURES. LIGHTING CIRCUIT TO REMAIN FOR NEW LIGHT FIXTURES.
3	DISCONNECT AND RELOCATE EXISTING BRANCH PANELBOARD TO OPPOSITE SIDE OF BUILDING. PATCH ON EXISTING WALL. REMOVE ALL SUCH CONDITIONS.

**5A ENLARGED POWER PLAN**  
1/4" = 1'-0"

GENERAL POWER NOTES	
#	NOTES
A	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.
POWER PLAN NOTES	
#	NOTES
1	RELOCATE EXISTING FIRE ALARM DEVICE
2	PROVIDE NEW SURFACE MOUNTED RACEWAY AROUND ROOM. PROVIDE RECEPTACLES AS INDICATED. DISTRIBUTE THE SAME NUMBER OF CIRCUITS THAT WERE FEEDING DEMOLISHED SURFACE RACEWAYS. RECEPTACLES AROUND NEW RACEWAY EQUALLY. FOLLOW SAME CIRCUITING PATTERN AS DEMOLISHED RACEWAY.
3	RELOCATE EXISTING PANELEBOARD TO THIS SIDE OF THE WALL. CUT, PATCH AND PAINT WALL AS REQUIRED. MODIFY/EXTEND EXISTING CONDITS, FEEDER, BRANCH CIRCUITS, ETC. AS REQUIRED.
4	PROVIDE RECEPTACLE AT EXHAUST FAN ON ROOF.
5	REMOVE RECEPTACLE ON CEILING

Shelby Eastern  
Schools

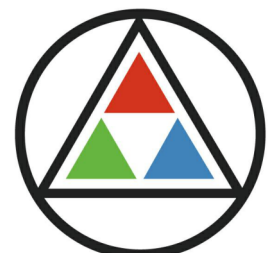


Morristown and  
Waldron JR/SR HS  
Restrooms

MORRISTOWN -  
ENLARGED PLANS

E-111





SCHMIDT  
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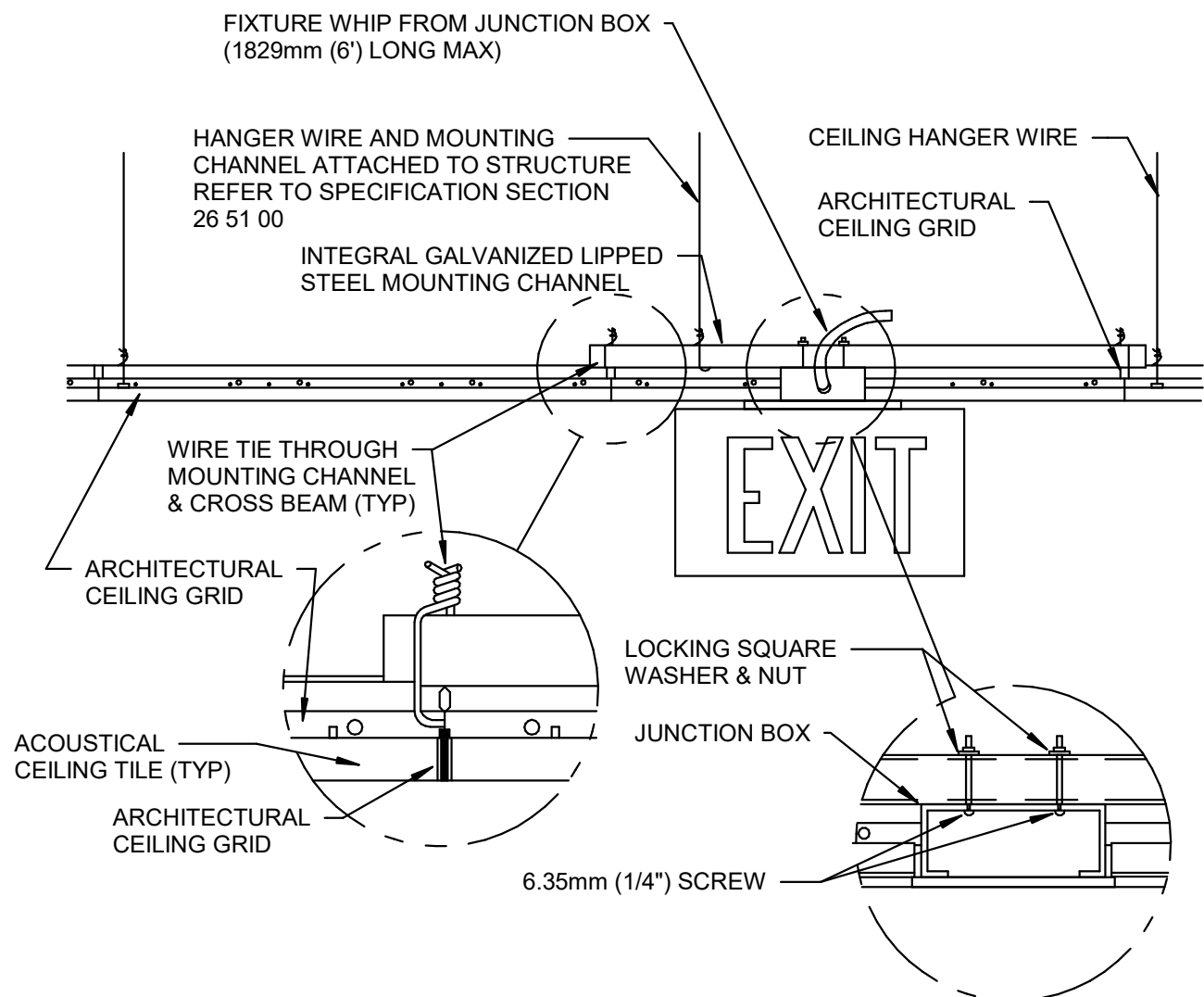
Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

GENERAL DETAILS

E-501

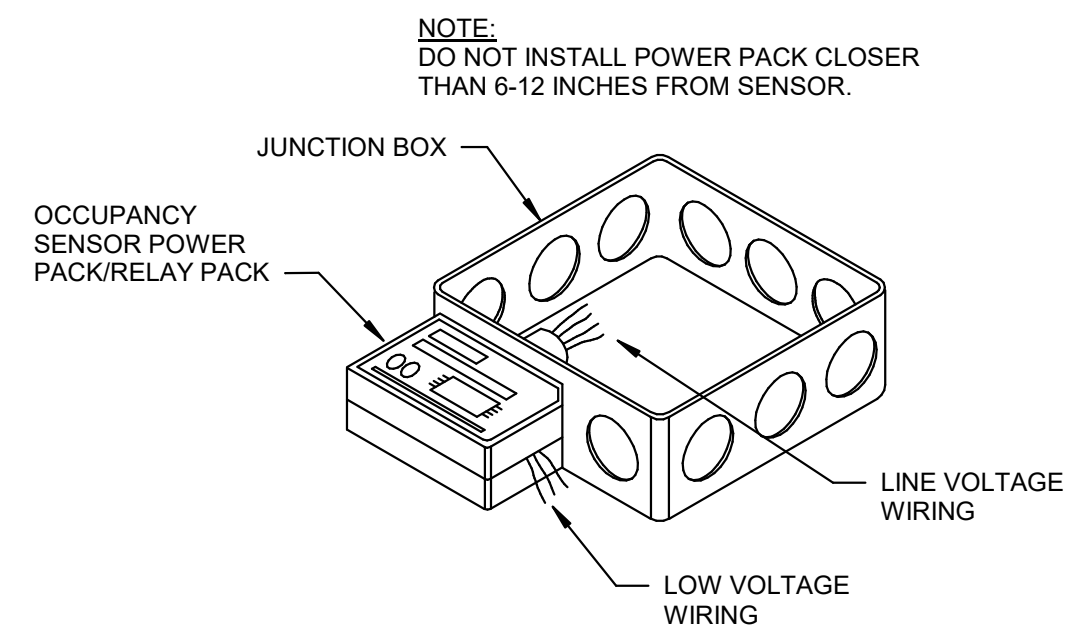


GENERAL NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

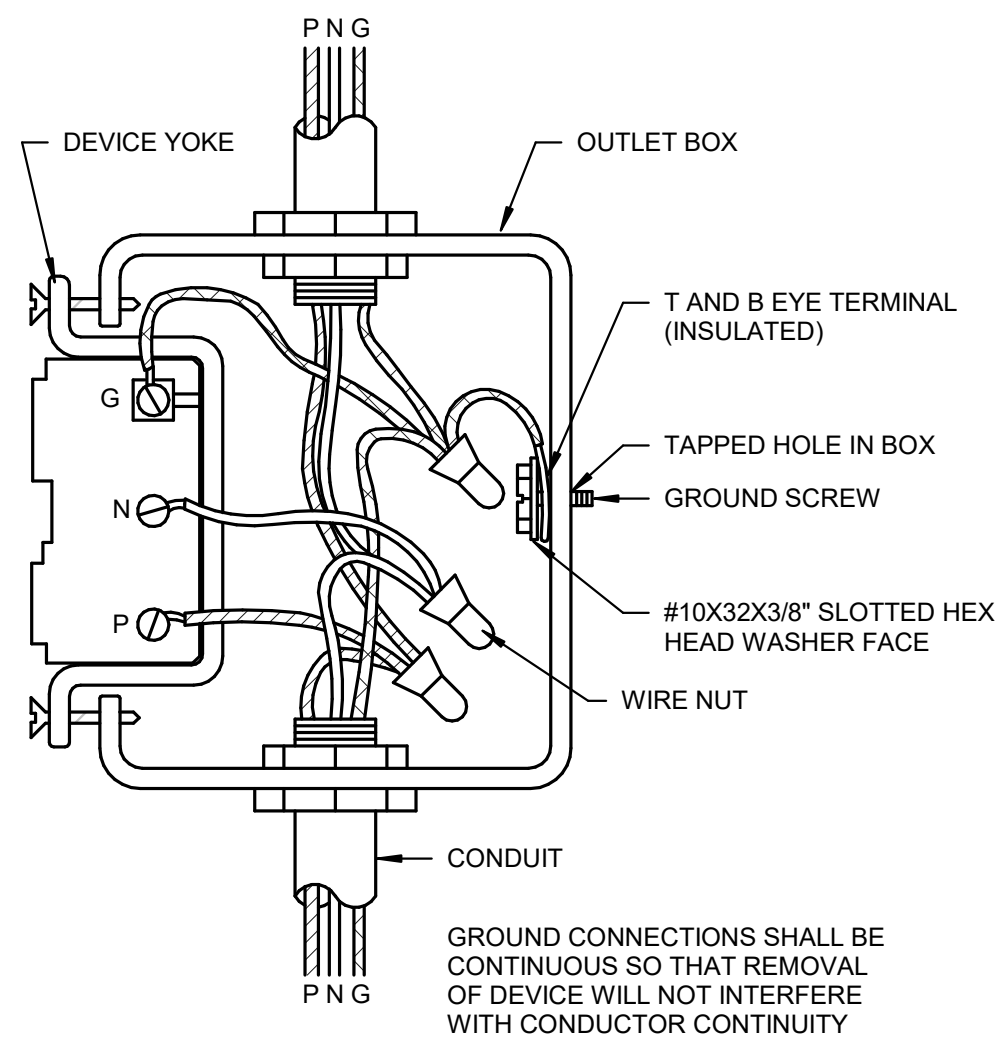
EXIT SIGN MOUNTING - LAY-IN CEILING  
DETAIL

1C NOT TO SCALE



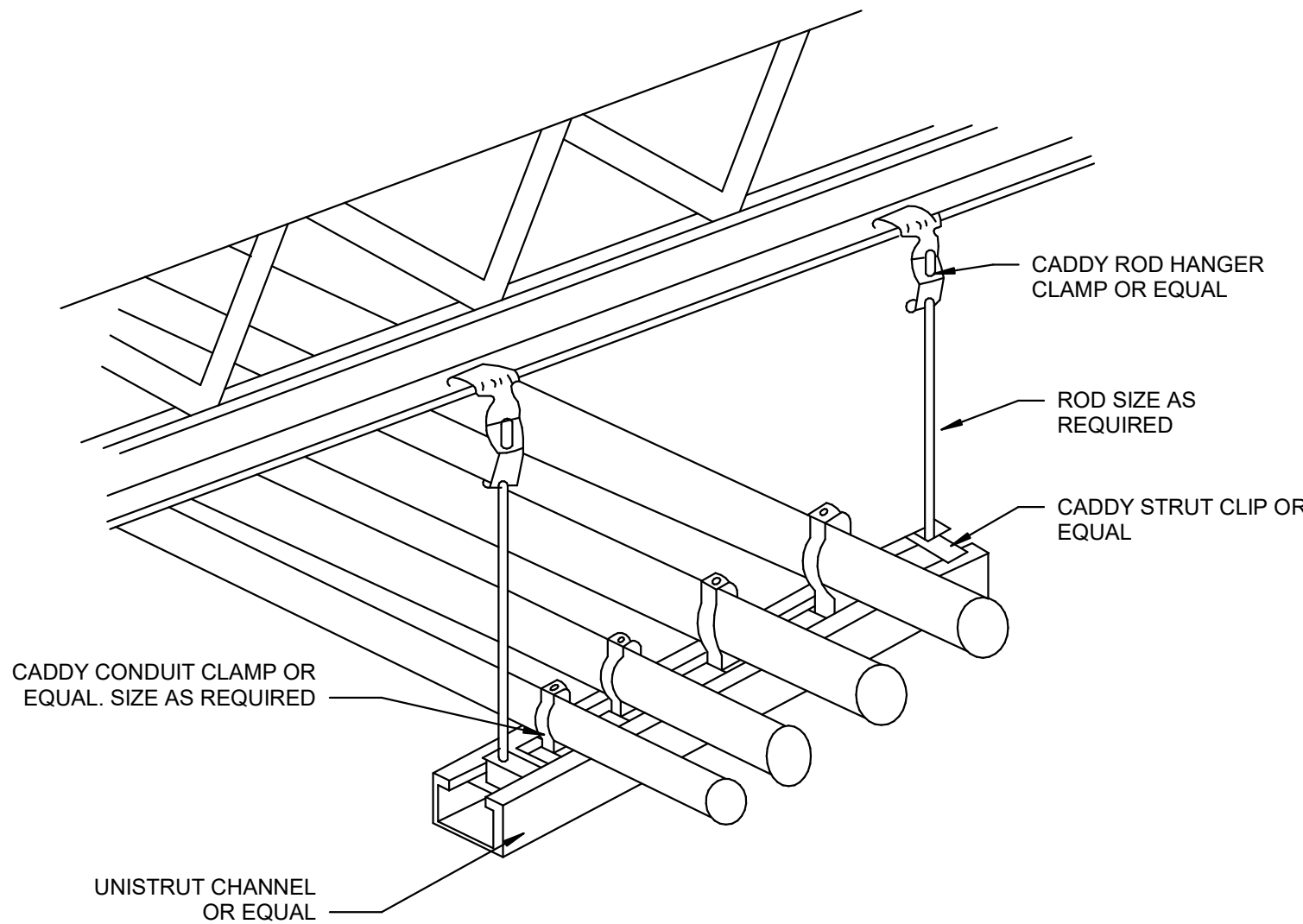
OCCUPANCY SENSOR POWER PACK/RELAY  
MOUNTING DETAIL

1B NOT TO SCALE



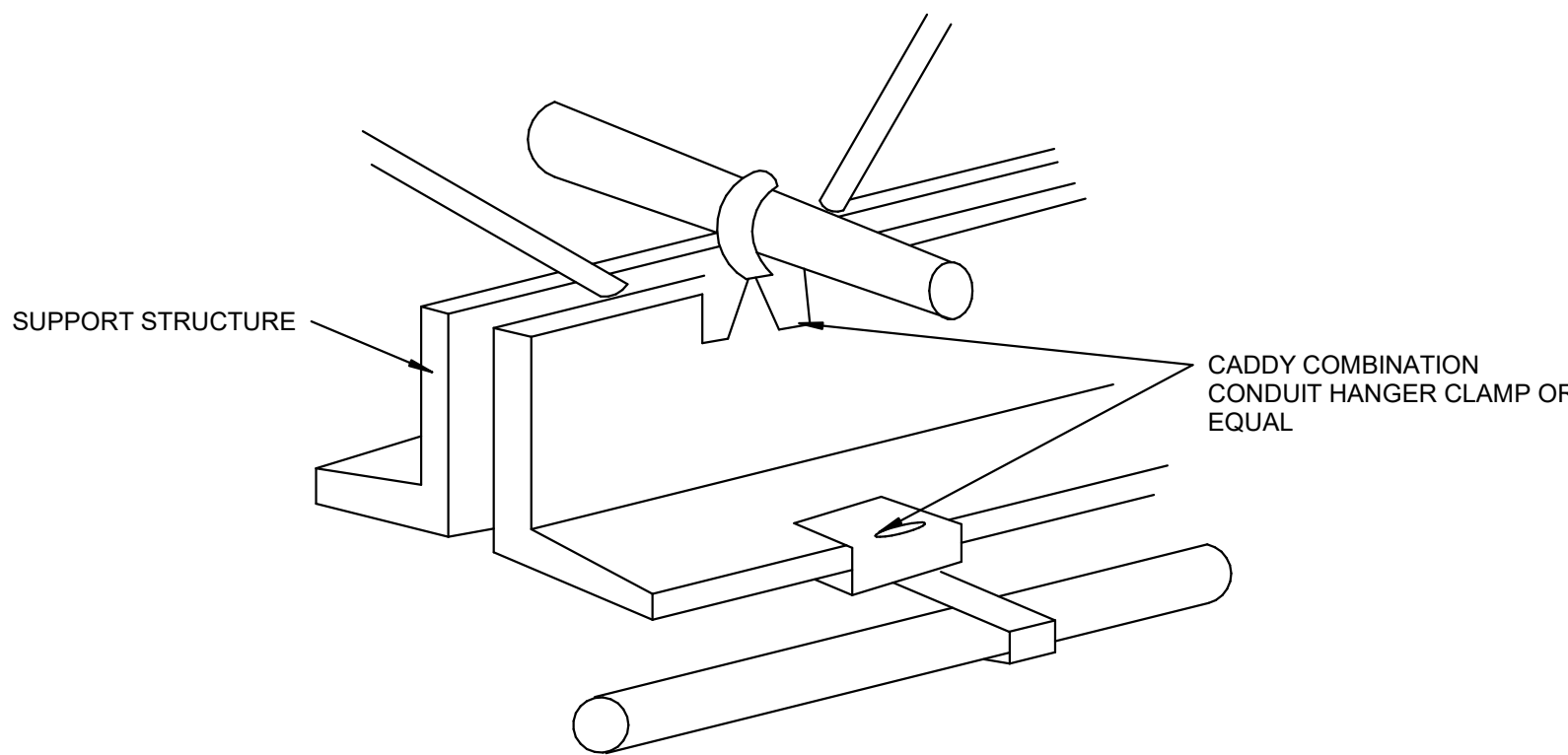
DEVICE GROUNDING DETAIL

1A NOT TO SCALE



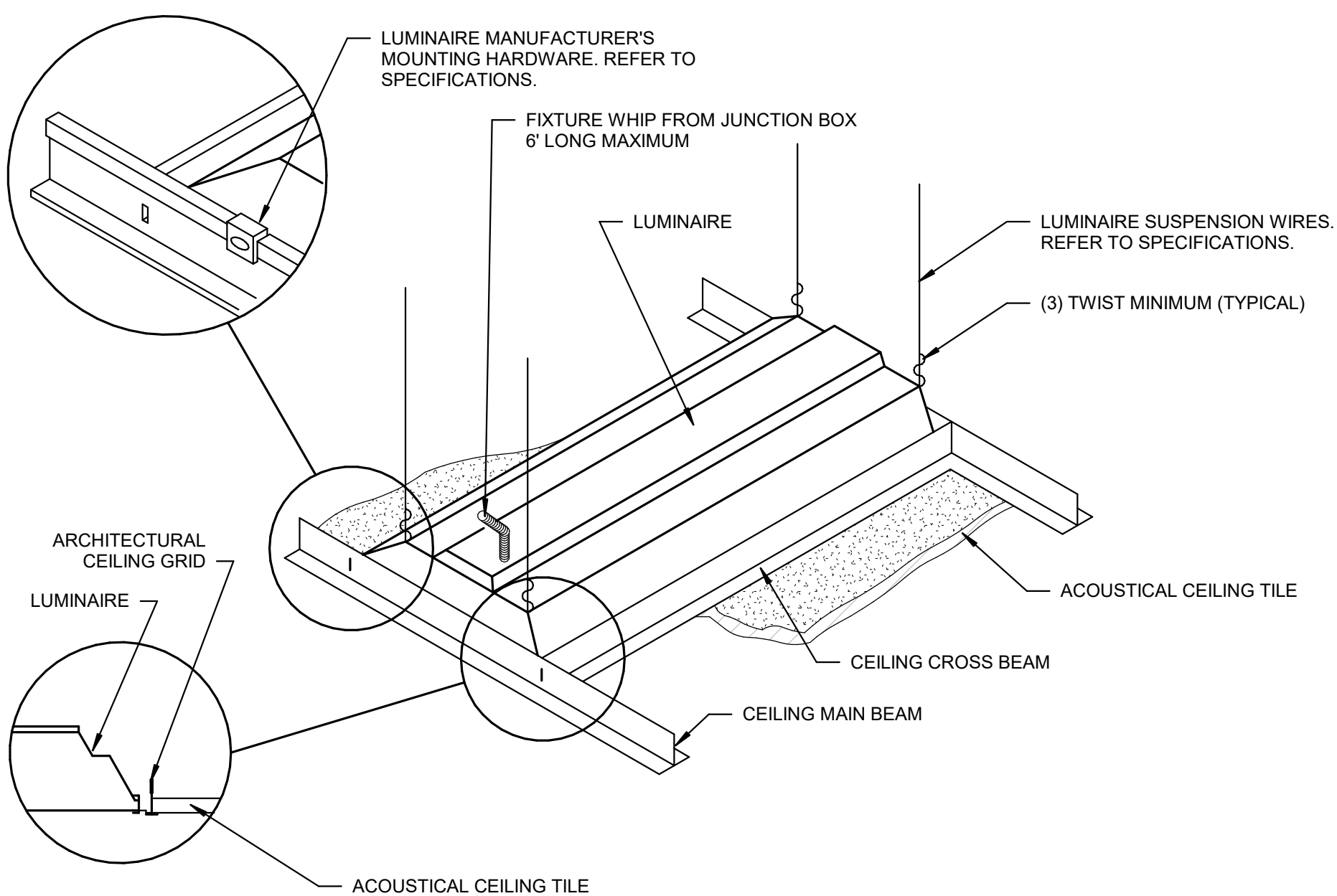
CONDUIT 2-1/2" AND LARGER SUPPORT  
DETAIL

2C NOT TO SCALE



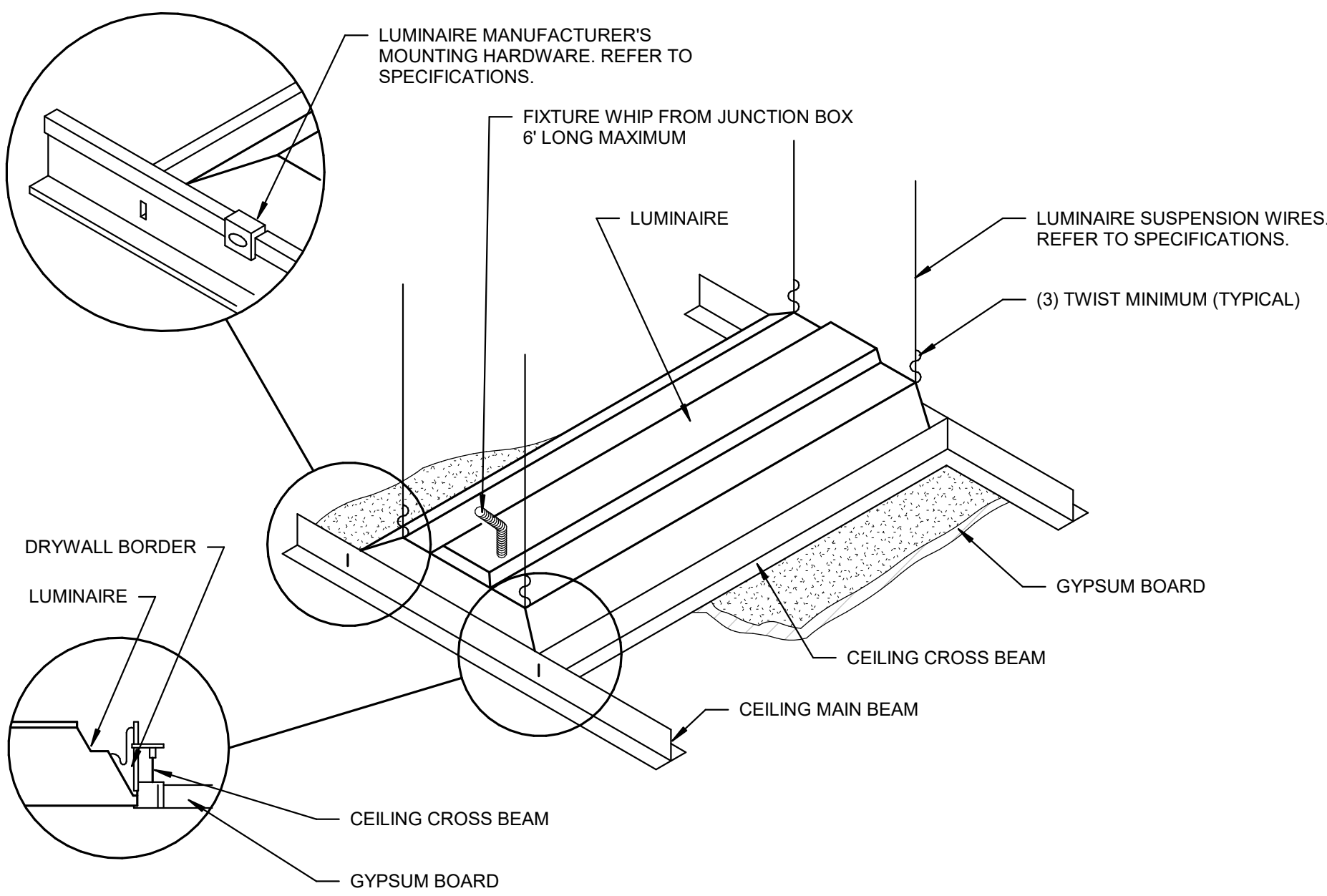
CONDUIT 2" AND SMALLER SUPPORT  
DETAIL

2B NOT TO SCALE



LUMINAIRE MOUNTED IN LAY-IN CEILING  
DETAIL

4A NOT TO SCALE



LUMINAIRE MOUNTED IN GYPBOARD  
CEILING DETAIL

2A NOT TO SCALE



6  
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GENERAL SWITCHBOARD/PANELBOARD NOTES	
#	NOTES
A	VERIFY SIZE AND QUANTITY OF LUGS REQUIRED PER ONE-LINE DIAGRAM.
B	VERIFY PANEL / LUG SIZE REQUIRED FOR FEEDERS INDICATED ON ONE-LINE DIAGRAM. MODIFY AS REQUIRED FOR LARGER FEEDERS.
C	VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL.
D	CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING FINAL PANELBOARD DIRECTORIES.
E	MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER SPECIFICATION SECTION 260574.99.



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Project Date 02.20.2023  
Produced SACM

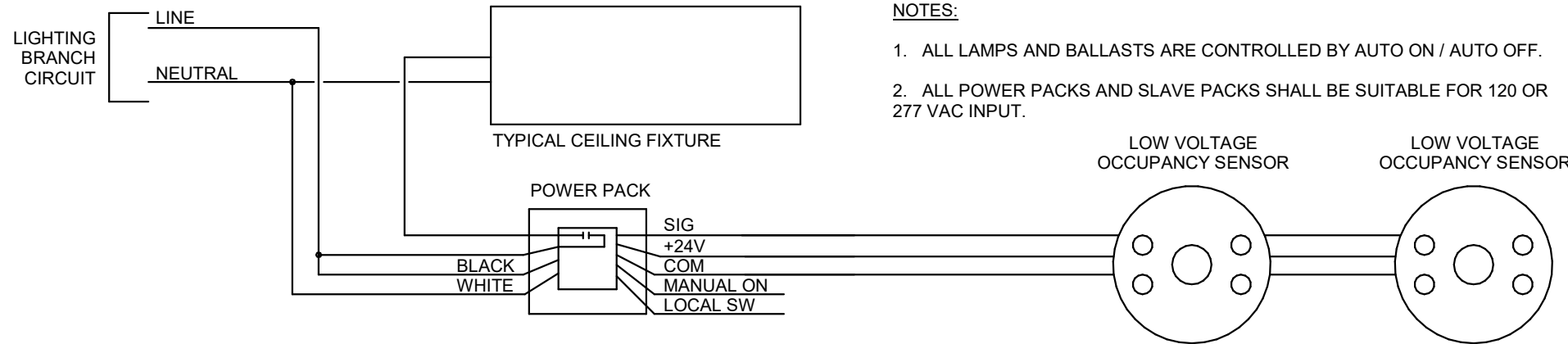


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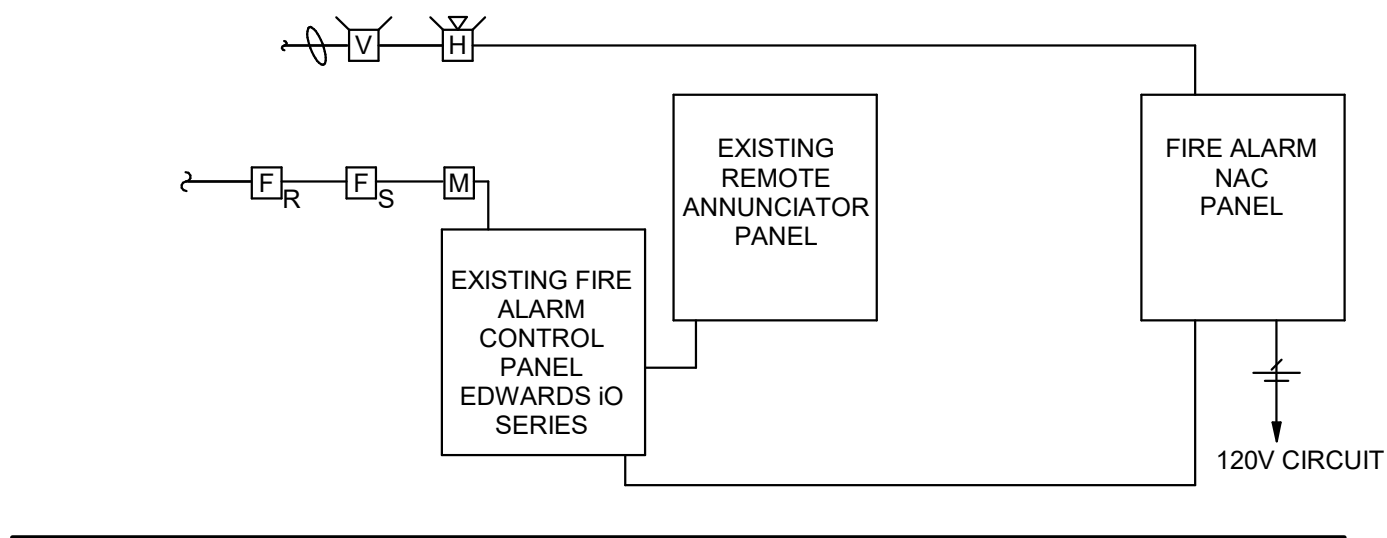
262913/262923.1 - ENCLOSED & VARIABLE-FREQUENCY MOTOR CONTROLLERS SCHEDULE														
LABEL	LOCATION		EQUIPMENT SERVED	EQUIPMENT RATINGS					STARTER		DISCONNECT SWITCH		REMOTE CAPACITOR	REMARKS
	NUMBER	NAME		VOLTAGE	PHASE	HP	FLA	NEMA ENCL	TYPE	NEMA SIZE	TYPE	FUSE SIZE		
MS-1	443A	STORAGE 442	FAMILY RR 442A EF	120 V	1	1/8	4.4 A	-	1	-	-	-	-	

GENERAL LIGHT FIXTURE SCHEDULE NOTES	
#	NOTES
A	PROVIDE ALL FIXTURES AND FIXTURE INSTALLATIONS IN ACCORDANCE WITH NEC, NFPA, AND LOCAL CODES. PROVIDE UL LISTED FIXTURES AND INSTALL IN ACCORDANCE WITH THE LISTING.
B	COORDINATE ALL FIXTURE DEVICES, COMPONENTS, FITTINGS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE UL LISTED INSTALLATION.
C	PROVIDE ALL DRIVERS, LED MODULES, LENSES, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL LIGHTING UNIT.
D	BID ONLY THE LIGHTING MANUFACTURERS/SERIES SPECIFIED IN THE LIGHT FIXTURE SCHEDULE. A DOCUMENTED PRE-BID SUBMITTAL MUST BE APPROVED BY THE ENGINEER OF THE PROJECT FOR ANY ADDITION/SUBSTITUTION OF THE MANUFACTURERS LISTED DURING BIDDING. APPROVED MANUFACTURERS WILL BE ADDED/MODIFIED ONLY BY ADDENDUM.
E	COORDINATE LIGHTING SYSTEM REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, THE LIGHT FIXTURE SCHEDULE, PLANS, PLAN NOTES, DETAILS, SCHEMATICS, SPECIFICATIONS, ETC.
F	REFER TO LIGHT FIXTURE SCHEDULE, LIGHTING PLANS, AND ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL CEILING TYPES, FINAL LOCATIONS, ELEVATIONS, AND FIXTURE LENGTHS REQUIRED.
G	LUMEN VALUES LISTED IN THE LIGHT FIXTURE SCHEDULES ARE THE MINIMUM DELIVERED LUMENS ALLOWED. PROVIDE LIGHT FIXTURES EQUAL TO OR EXCEEDING THE LISTED VALUES.
H	COORDINATE AND PROVIDE LIGHTING/DIMMING CONTROLS COMPATIBLE WITH ALL FIXTURES, DRIVERS, LED MODULES, ETC.
I	PROVIDE SELF-DIAGNOSTICS AND SELF-TESTING FOR ALL EMERGENCY FIXTURES (EXIT SIGNS, WALL PACKS, INVERTERS, ETC.).
J	PROVIDE A MINIMUM OUTPUT OF 900 LUMENS FOR POINT SOURCE FIXTURES AND 1,200 LUMENS FOR LINEAR FIXTURES ON ALL FIXTURES DESIGNED AS EMERGENCY (CONTAINING INTERNAL BATTERY INVERTERS). PROVIDE ILLUMINATION LASTING A MINIMUM OF 90 MINUTES.
K	VERIFY THE VOLTAGE OF ALL FIXTURES. REFER TO PLANS FOR SPECIFIC VOLTAGE REQUIREMENTS.
L	PROVIDE FACTORY INSTALLED DISCONNECTING MEANS FOR EACH FIXTURE WITH SERVICEABLE COMPONENTS.
M	THE ENGINEER RESERVES THE RIGHT TO SELECT FROM ALL AVAILABLE STANDARD COLORS FOR FIXTURES, POLES, MOUNTING ACCESSORIES, ETC. DURING SUBMITTAL REVIEW.
N	PROVIDE FIXTURES WITH CUSTOM COLORS/FINISH AS SELECTED BY THE ENGINEER WHERE INDICATED.
O	PAINT AFTER FABRICATION WITH NO SHARP EDGES FOR ALL LIGHT FIXTURES.
P	PROVIDE APPROPRIATE SLOPE ADAPTERS, FLANGE KITS, TRIMS, AND ALL OTHER MOUNTING ACCESSORIES AS REQUIRED FOR THE CEILING TYPE.
Q	PROVIDE SPRING-LOADED CAM LATCHES FOR ALL LINEAR FIXTURES UTILIZING A HINGED DOOR.
R	PROVIDE VIBRATION DAMPERS FOR ALL ALUMINUM & STEEL POLES 20'-0" AND ABOVE.
S	PROVIDE UL 1449, 20KV SURGE PROTECTION DEVICES FOR ALL EXTERIOR FIXTURES. PROVIDE IN-LINE FUSES WITH 600 VOLT LAMP HOLDERS FOR ALL POLE-MOUNTED FIXTURES.

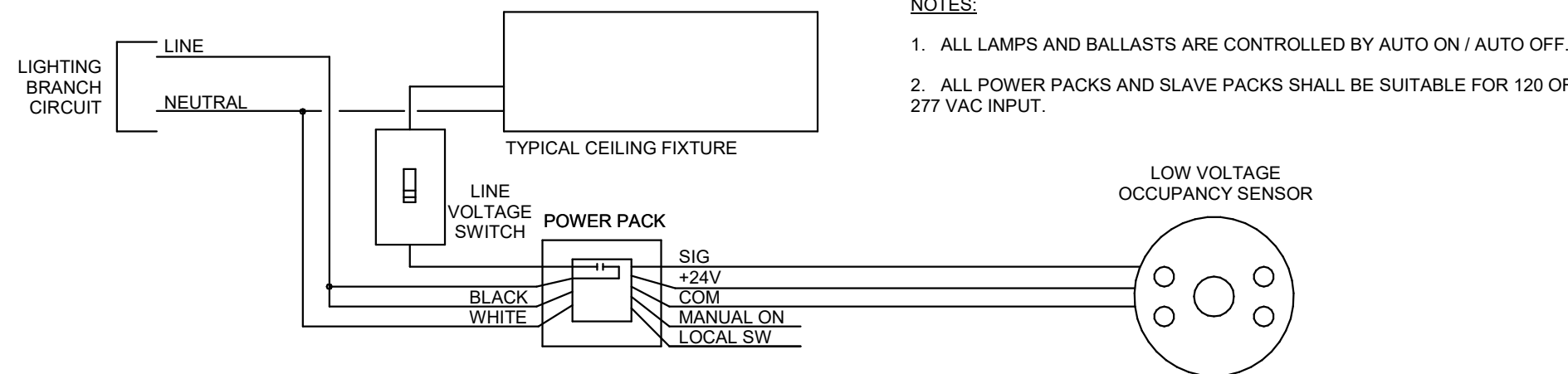
265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
LABEL	DESCRIPTION	VOLTAGE	SOURCE			MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL		
			TYPE	LUMENS	WATTS						CCT	
L1	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	3,800 LM	35 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L1	
L2	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	4,400 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L2	
L3E	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING, INTEGRAL BATTERY INVERTER.	120/277 V	LED	5,400 LM	55 W	3500 K	RECESSED IN DRYWALL	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L3E	



1B OCCUPANCY SENSOR LIGHTING CONTROL  
CORRIDOR SWITCHING SCHEMATIC  
NOT TO SCALE



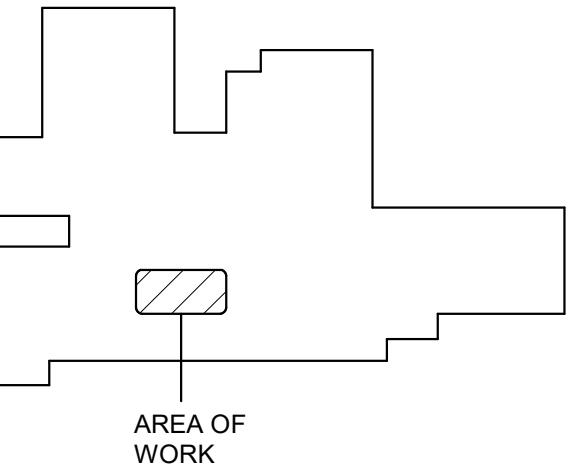
3A FIRE ALARM SCHEMATIC  
NOT TO SCALE



1A OCCUPANCY SENSOR LIGHTING CONTROL  
SCHEMATIC  
NOT TO SCALE

102 N East St  
Waldron, IN 46182

WALDRON HS



KEY PLAN

Shelby Eastern  
Schools



Morristown and  
Waldron JR/SR HS  
Restrooms

WALDRON - SCHEDULES  
& SCHEMATICS

E-602