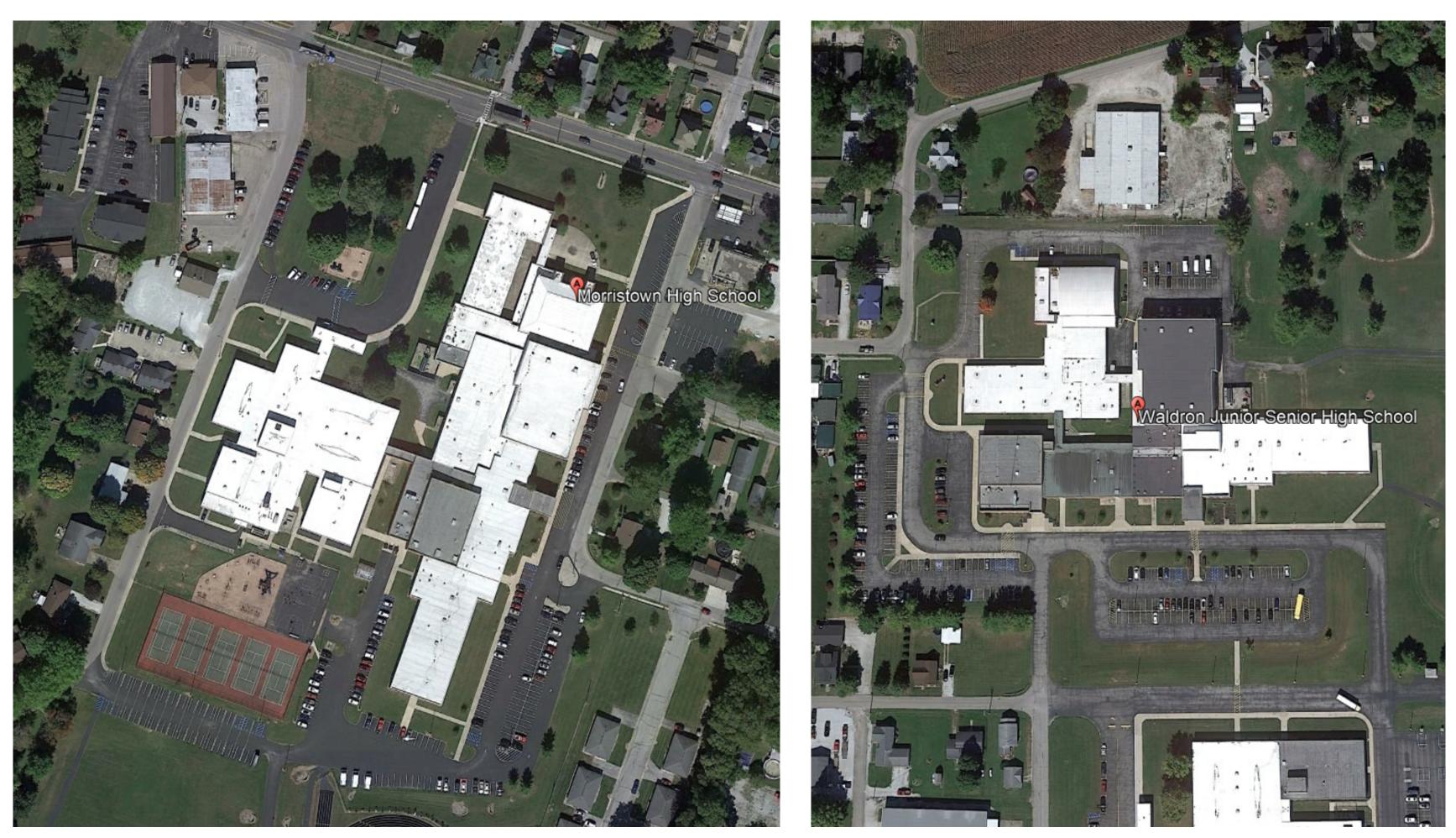
Shelby Eastern Schools Morristown and Waldron JR/SR HS Restrooms

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



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

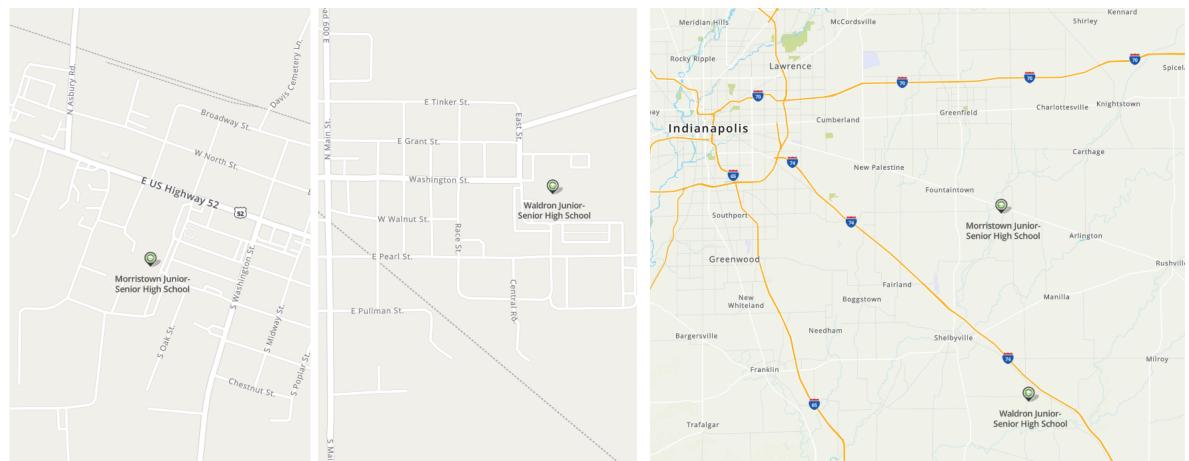
interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner. Each Contractor shall coordinate respective cutting and patching Work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





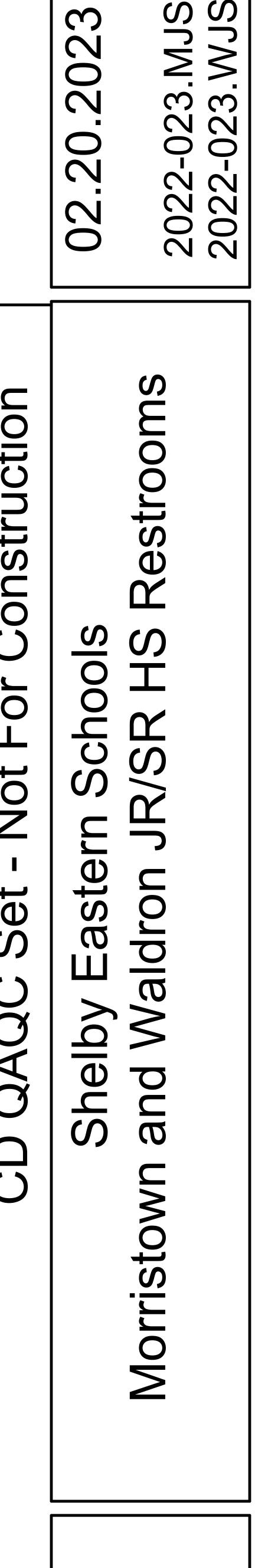
Superintendent: Dr. Todd Hitchcock

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

Thoroughfare Map

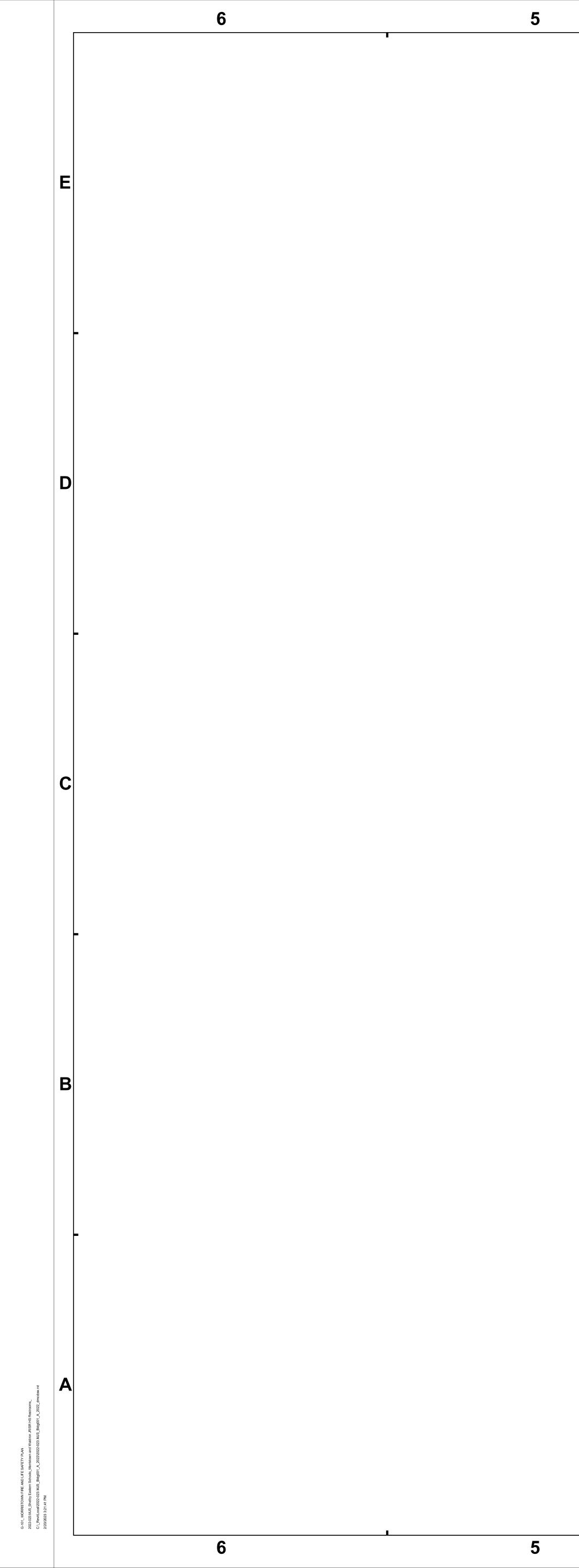


SHEET INDEX Sheet Name G-001 COVER SHEET G-101 MORRISTOWN FIRE AND LIFE SAFETY PLAN G-102 WALDRON - FIRE AND LIFE SAFETY PLAN - Architectural A-001 ARCHITECTURAL GENERAL NOTES AND ABBREVIATIONS A-101 MORRISTOWN - FLOOR PLANS A-102 WALDRON - FLOOR PLANS A-501 GENERAL DETAILS I-401 MORRISTOWN - INTERIOR ENLARGED PLANS I-402 WALDRON - INTERIOR ENLARGED PLANS M-001 MECHANICAL SYMBOLS AND ABBREVIATIONS MH1A1 MORRISTOWN - HVAC PLAN MH1A2 WALDRON - HVAC PLAN P-001 PLUMBING SYMBOLS AND ABBREVIATIONS PP101 MORRISTOWN - FOUNDATION & GROUND FLOOR PLUMBING PLANS PP102 WALDRON - FOUNDATION & GROUND FLOOR PLUMBING PLANS E-001 SYMBOLS & ABBREVIATIONS E-002 GENERAL INFORMATION E-101 MORRISTOWN - OVERALL GROUND LEVEL PLAN E-102 WALDRON - OVERALL BUILDING PLAN E-111 MORRISTOWN - ENLARGED PLANS E-112 WALDRON - ENLARGED PLANS E-501 GENERAL DETAILS E-601 MORRISTOWN - SCHEDULES & SCHEMATICS E-602 WALDRON - SCHEDULES & SCHEMATICS



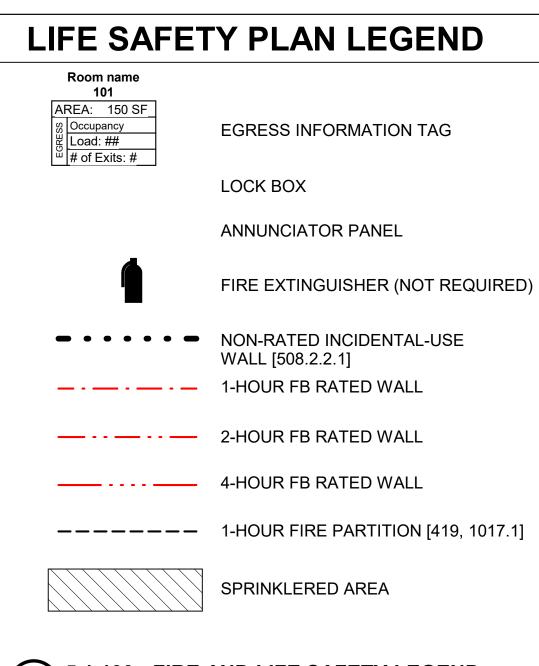
 \mathbf{C}

G-001

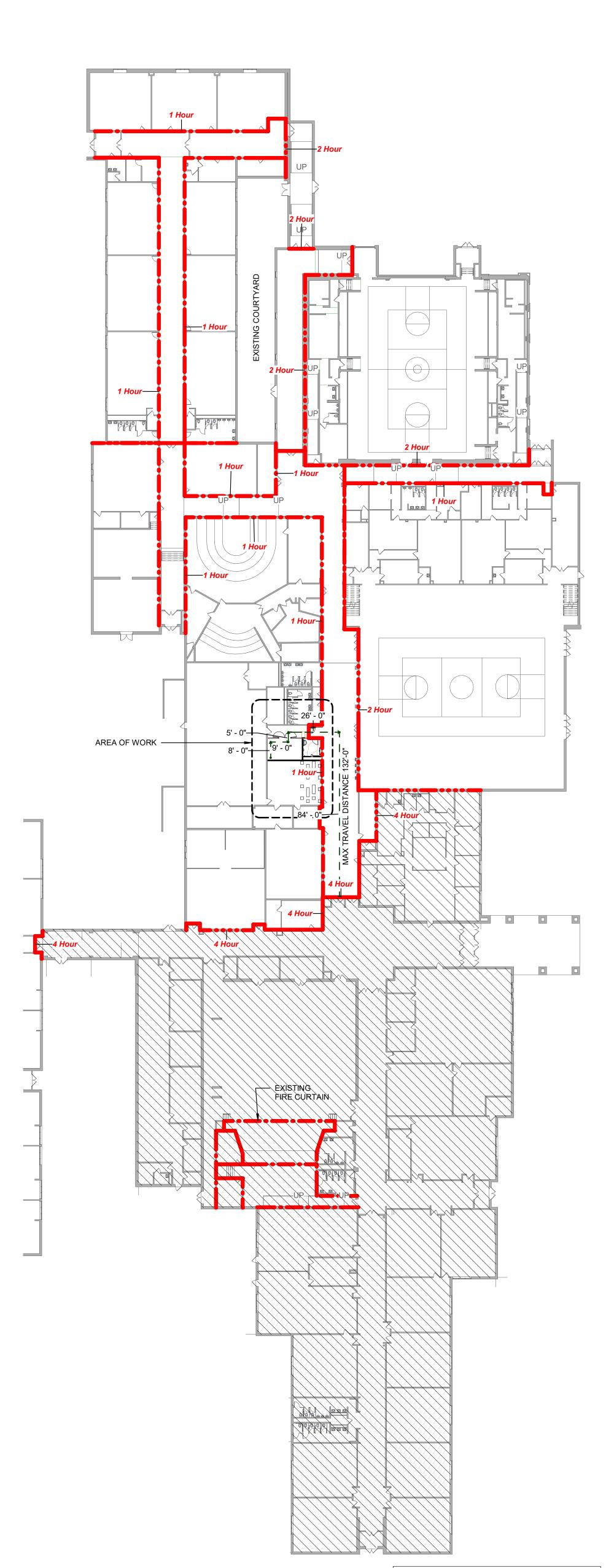


CODE SUMMARY

APPLICABLE CODE:	2014 Indiana Building Code		
AFFLICADLE CODE.	*Code referenced unless noted otherwise		
SCOPE OF WORK:	Divide an existing room to create a new Family Restroom and Storage Room		
OCCUPANCY SEPARATIONS:	Educational use and assembly areas associated with the E Occupancy		
OLI AIATIONO.	- E Occupancy [305.1, 303.1.3]		
CONSTRUCTION TYPE:	Type IIB Construction existing		
FIRE BARRIER:			
	Classrooms: 20 sq. ft./occ.		
OCCUPANT LOAD FACTORS:	Offices: 100 sq. ft./occ.		
	Unconcentrated assembly use: 15 sq. ft./occ. [Table 1004.1.2]		
TRAVEL DISTANCE TO EXITS:	The maximum travel distance to an exit (exterior exit, enclosed stairway, or horizontal exit,) is 200 feet for E Occupancy. [Table 1004.2.4]		



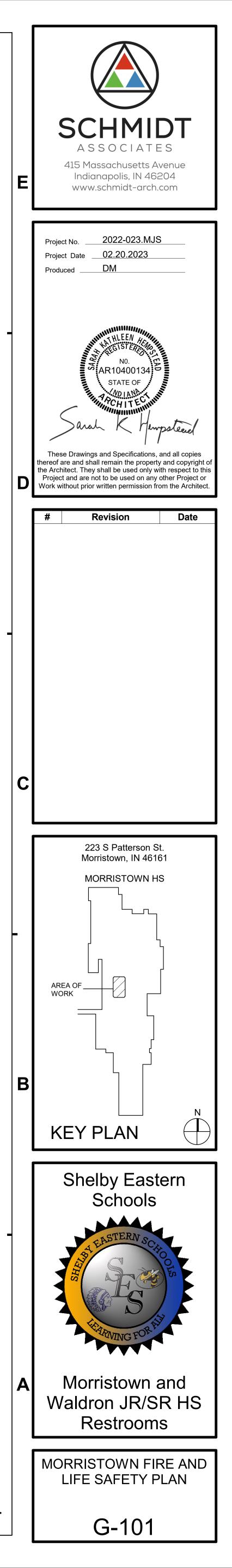
3

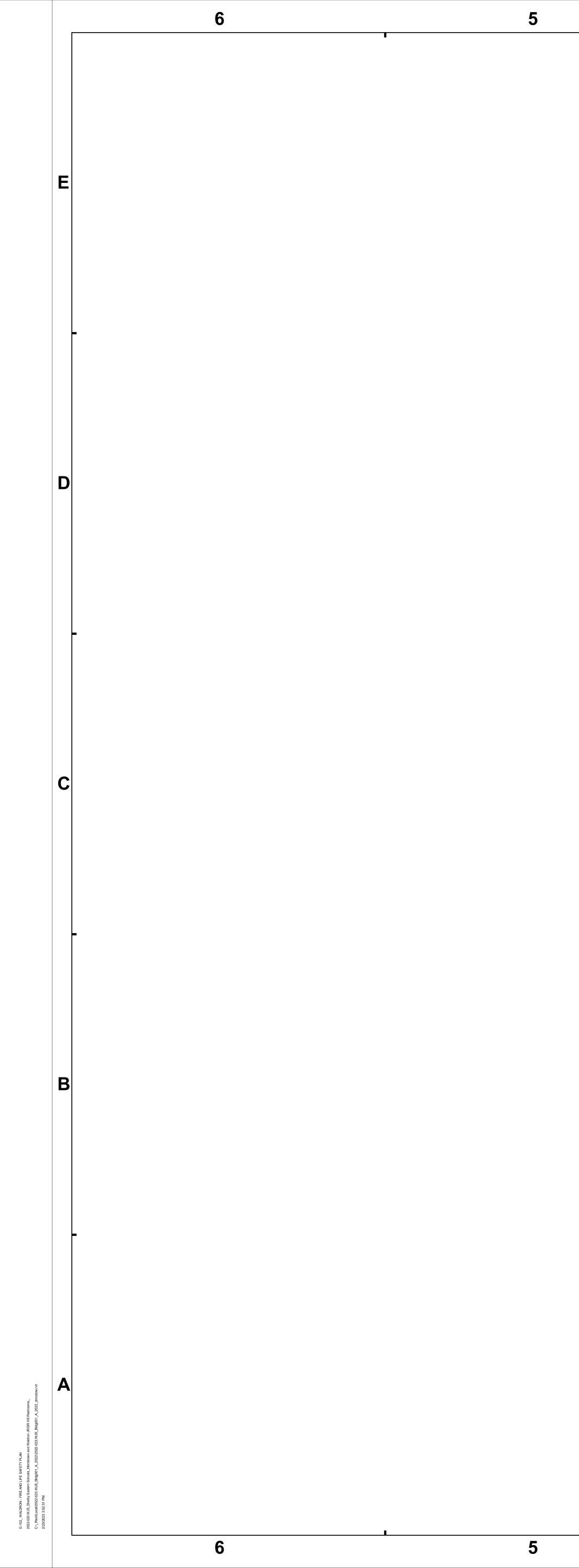


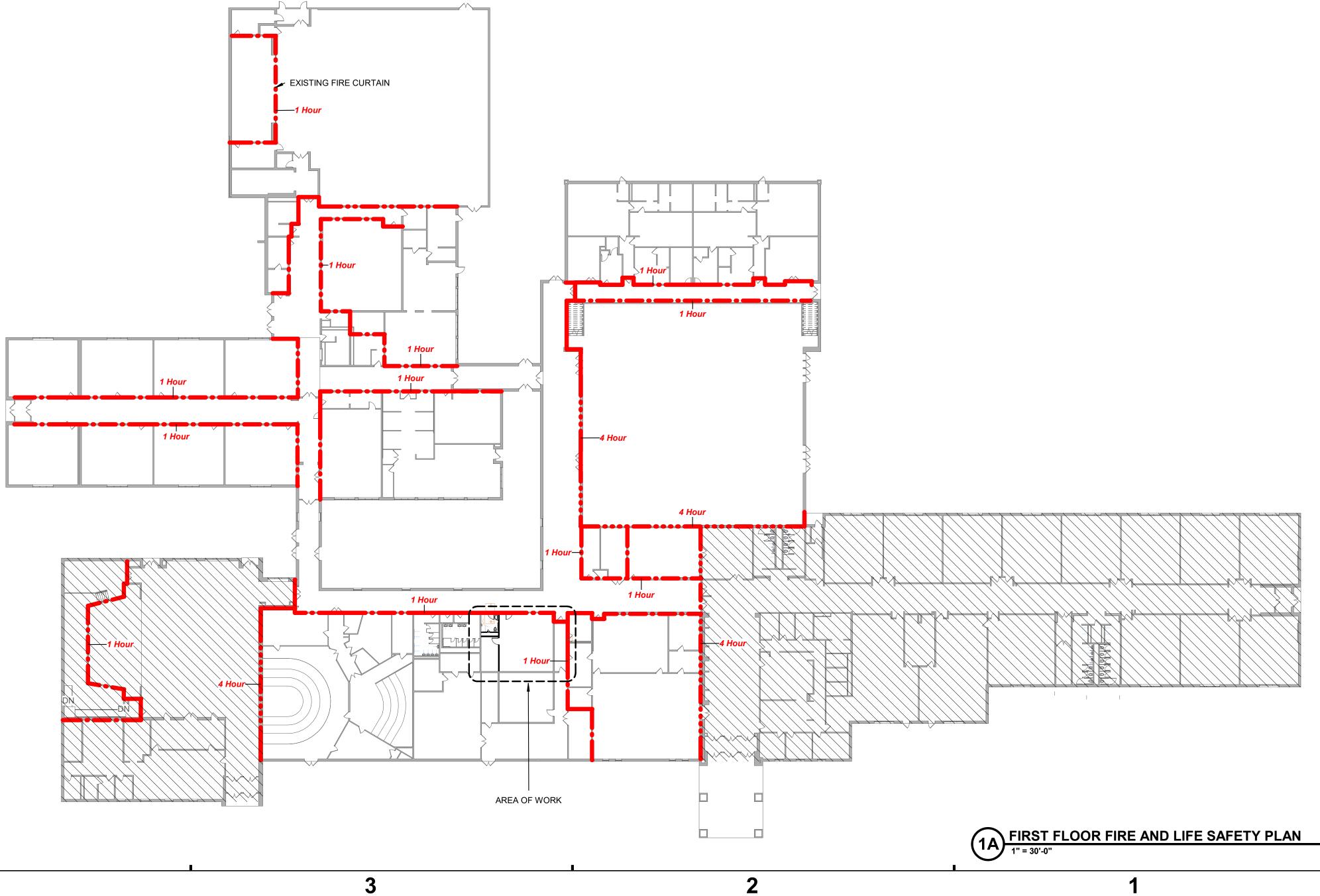
2

TOTAL EXISTING: 123,216 GSF REMODEL AREA: 1,115 SF NOTE: ALL EXISTING INFORMATION IS BASED ON INFORMATION RECEIVED FROM THE OWNER

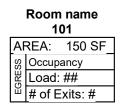
TA FIRST FLOOR FIRE AND LIFE SAFETY PLAN







LIFE SAFETY PLAN LEGEND

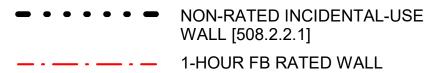


EGRESS INFORMATION TAG

LOCK BOX

ANNUNCIATOR PANEL

FIRE EXTINGUISHER (NOT REQUIRED)



----- 2-HOUR FB RATED WALL

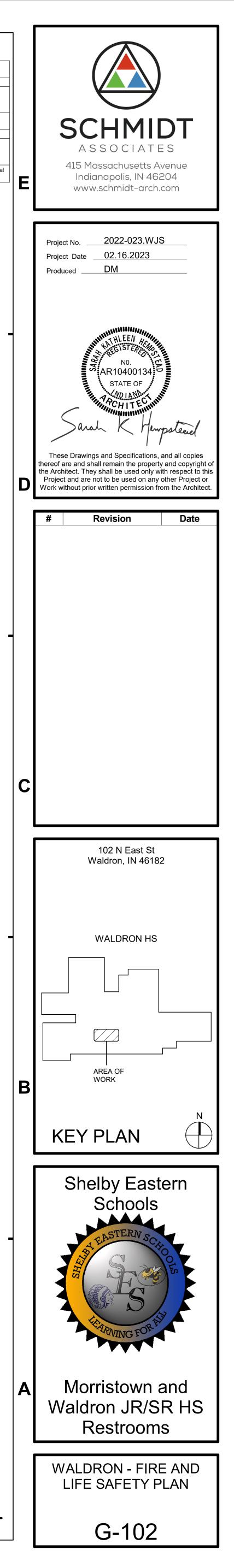
4-HOUR FB RATED WALL

WALL [508.2.2.1]

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

SPRINKLERED AREA

CODE SUMMARY APPLICABLE CODE: 2014 Indiana Building Code *Code referenced unless noted otherwise **SCOPE OF WORK:** Divide an existing room to create a new Family Restroom and Storage Room Educational use and assembly areas associated OCCUPANCY with the E Occupancy SEPARATIONS: - E Occupancy [305.1, 303.1.3] CONSTRUCTION TYPE: Type IIB Construction existing FIRE BARRIER: Classrooms: 20 sq. ft./occ. OCCUPANT LOAD Offices: 100 sq. ft./occ. FACTORS: Unconcentrated assembly use: 15 sq. ft./occ. [Table 1004.1.2] TRAVEL DISTANCE TO The maximum travel distance to an exit (exterior exit, enclosed stairway, or horizontal exit,) is 200 feet for E Occupancy. [Table 1004.2.4]



		6		5
	Abbrevi	ations		
	A/E ADA ADD	ARCHITECT/ENGINEER AMERICANS WITH DISABILITIES ACT ADDENDUM	MB MC	MARKER BOARD MECHANICAL CONTRACTOR
	ADJ ADMIN	ADJACENT ADMINISTRATION	MDO MECH MED	MEDIUM DENSITY OVERLAY MECHANICAL MEDIUM
	AFF ALUM APPROX	ABOVE FINISHED FLOOR ALUMINUM APPROXIMATE	MEMB MEP MEZZ	MEMBRANE MECHANICAL, ELECTRICAL, PLUMBING MEZZANINE
	APC APT	ACOUSTICAL PANEL CEILING APARTMENT	MFD MFG	MANUFACTURED MANUFACTURING MANUFACTURER
E	ARCH ASSN ASTM	ARCHITECT ASSOCIATION AMERICAN SOCIETY FOR TESTING AND MATERIALS	MFR MGT MIN	MANUFACTURER MANAGEMENT MINIMUM
	A/V AVG AWI	AUDIO/VISUAL AVERAGE ARCHITECTURAL WOODWORKING INSTITUTE	MISC ML MO	MISCELLANEOUS METAL LATH MASONRY OPENING
	BD	BOARD	MT MTD	MOUNT MOUNTED
	BITUM BLDG BLKHD	BITUMINOUS BUILDING BULKHEAD	MTG MTL MULL	MOUNTING METAL MULLION
	BOT BSMT	BOTTOM BASEMENT	NA	
	CAB CB	CABINET CHALK BOARD	NO NO NOM	NOT IN CONTRACT NUMBER NOMINAL
	CD CD CIP	CONSTRUCTION DOCUMENTS CONTRACT DOCUMENTS CAST-IN-PLACE	NTS 	NOT TO SCALE OUT TO OUT
	CJ CL	CONTROL JOINT CENTER LINE	OC OD	ON CENTER OUTSIDE DIAMETER
	CLG CLO CLR	CEILING CLOSET CLEAR	OPG OPP ORIG	OPENING OPPOSITE ORIGINAL
	CMU COL	CONCRETE MASONRY UNIT COLUMN	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
	CONC CONF CONST	CONCRETE CONFERENCE CONSTRUCTION	PART PBD PERF	PARTIAL PARTICLEBOARD PERFORATED
	COORD CORR CPT	COORDINATE CORRIDOR CARPET	PKG PLAS LAM PLYWD	PACKAGE PLASTIC LAMINATE PLYWOOD
D	CSI CTR	CONSTRUCTION SPECIFICATIONS INSTITUTE CENTER	PNL PORC	PANEL PORCELAIN
	CU FT CU IN CUST	CUBIC FEET CUBIC INCH CUSTODIAN	PR PREFAB PREFIN	PAIR PREFABRICATED PREFINISH
	CW	CURTAINWALL DOUBLE	PREP PROJ PT	PREPARATION PROJECT PAINT
	DBL DEFS DEG	DOUBLE DIRECT-APPLIED FINISH SYSTEM DEGREE	R	RADIUS
	DEMO DEPT DET	DEMOLITION DEPARTMENT DETAIL	RCP RD REBAR	REFLECTED CEILING PLAN ROOF DRAIN REINFORCING STEEL BARS
	DF DH	DRINKING FOUNTAIN DOUBLE HUNG (DOOR, WINDOW)	RECPT REF	RECEPTACLE REFERENCE
	DIA DIAG DIM	DIAMETER DIAGONAL DIMENSION	REF REINF REQD	REFRIGERATOR REINFORCED REQUIRED
	DISP DIV	DISPENSER DIVISION	REST RM	RESTROOM ROOM
	DN DS DWG	DOWN DOWN SPOUT DRAWING	RO RTG RTU	ROUGH OPENING RATING ROOF TOP UNIT
	EA	EACH ELECTRICAL CONTRACTOR	SCHED	SCHEDULE
	EC EIFS EJ	ELECTRICAL CONTRACTOR EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT	SCHEM SCWD SECT	SCHEMATIC SOLID CORE WOOD DOOR SECTION
	EL/ELEV ELEC ELEV	ELEVATION ELECTRIC ELEVATOR	SF SHR SHT	SQUARE FOOT (FEET) SHOWER SHEET
С	EOS EPDM	EDGE OF SLAB ETHYLENE PROPYLENE DIENE MONOMER	SIM SM	SIMILAR SMALL
	EQ EQUIP EST	EQUAL EQUIPMENT ESTIMATE	SPEC SPKLR SQ	SPECIFICATION SPRINKLER SQUARE
	ETC EXIST	ET CETERA EXISTING	SQ YD SS	SQUARE YARD STAINLESS STEEL STREET
	FD FE	FLOOR DRAIN FIRE EXTINGUISHER	ST STD STL	STREET STANDARD STEEL
	FEC FIN FIN FLR	FIRE EXTINGUISHER CABINET FINISH FINISH FLOOR	STOR STRUCT SURR	STORAGE STRUCTURAL SURROUND
	FIN GR FIXT	FINISH GRADE FIXTURE	SUSP SUSP CLG	SUSPEND SUSPENDED CEILING
	FLASH FLR FR	FLASHING FLOOR FIRE RESISTANT	SV SVC SYS	SHEET VINYL SERVICE SYSTEM
	FRC FRG FRP	FIBER REINFORCED CONCRETE FIBER REINFORCED GYPSUM FIBERGLASS REINFORCED PLASTIC	T&G T/O	TONGUE AND GROOVE TOP OF
	FRZ FT	FREEZER FEET, FOOT	TB TD	TACK BOARD TOWEL DISPENSER
	FTG FURG FURN	FOOTING FURRING FURNITURE	TECH TEMP TFF	TECHNICAL TEMPORARY TOP OF FINISHED FLOOR
	FWC GA	FABRIC WALL COVERING GAUGE	TG THK THRU	TEMPERED GLASS THICKNESS THROUGH
	GAL GALV	GALLON GALVANIZED	TI TOS	TAPERED INSULATION TOP OF STEEL
B	GC GFRC GFRG	GENERAL CONTRACTOR GLASS-FIBER-REINFORCED CONCRETE GLASS-FIBER-REINFORCED GYPSUM	TOM TRANS TYP	TOP OF MASONRY TRANSOM TYPICAL
	GFRP GL BLK	GLASS-FIBER-REINFORCED PLASTER GLASS BLOCK	UL UNO	UNDERWRITERS LABORATORIES UNLESS NOTED OTHERWISE
	GLU LAM GOVT GWB	GLUE LAMINATED WOOD GOVERNMENT GYPSUM WALLBOARD	UPS UTIL	UNINTERRUPTIBLE POWER SUPPLY UTILITY
	HAZ HAZ MAT	HAZARD HAZARDOUS MATERIALS	VAR VB	VARIES VINYL BASE
	HDBD HDW	HEAVY DUTY HARDBOARD HARDWARE	VCT VEH	VINYL COMPOSITION TILE VEHICLE
	HM HORIZ HR	HOLLOW METAL HORIZONTAL HOUR	VERT VEST VIF	VERTICAL VESTIBULE VERIFY IN FIELD
	HT HVAC	HEIGHT HEATING, VENTILATION, AND AIR CONDITIONING	VOL VR	VOLUME VAPOR RETARDER
	IBC ID	INTERNATIONAL BUILDING CODE INSIDE DIAMETER	VWC VWF	VINYL WALL COVERING VINYL WALL FABRIC
	IN INSTR INSUL	INCH/ INCHES INSTRUMENT INSULATION, E, (ED)	W/ W/O WC	WITH WITHOUT WALL COVERING
	INT	INTERIOR	WD WP	WOOD WORKING POINT
	JAN KD	JANITOR KNOCK DOWN	WT	WEIGHT
A	KIT KO	KITCHEN KNOCKOUT		
	LAM LG	LAMINATE LAMINATED GLASS		
	LAV LED LF	LAVATORY LIGHT EMITTING DIODE LINEAR FEET (FOOT)		
	LKR RM LRG	LOCKER ROOM LARGE		
	LT LT GA	LIGHT LIGHT GAUGE		
	MAINT MAN MATL	MAINTENANCE MANUAL MATERIAL		
	MATE	MATERIAL MAXIMUM		

General Plan Notes

- A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.
- B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.
- C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.
- D. All door frames are located 4" from adjacent wall, unless noted otherwise.
- E. All exposed outside corners of CMU shall be bullnosed. Do not use bullnosed corners where ceramic tile is to be installed.
- F. Seal all joints between dissimilar materials.
- G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.
- H. All interior walls are Type "M8-C", unless noted otherwise.

General Refl. Ceiling Plan Notes

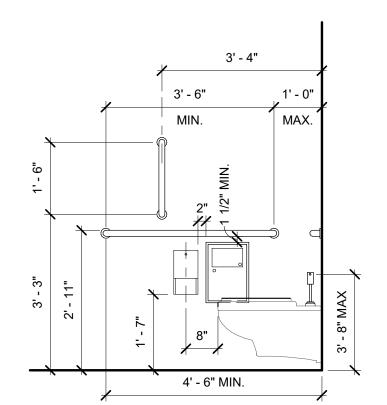
A. All ceilings are at 9'-0" AFF, unless noted otherwise.

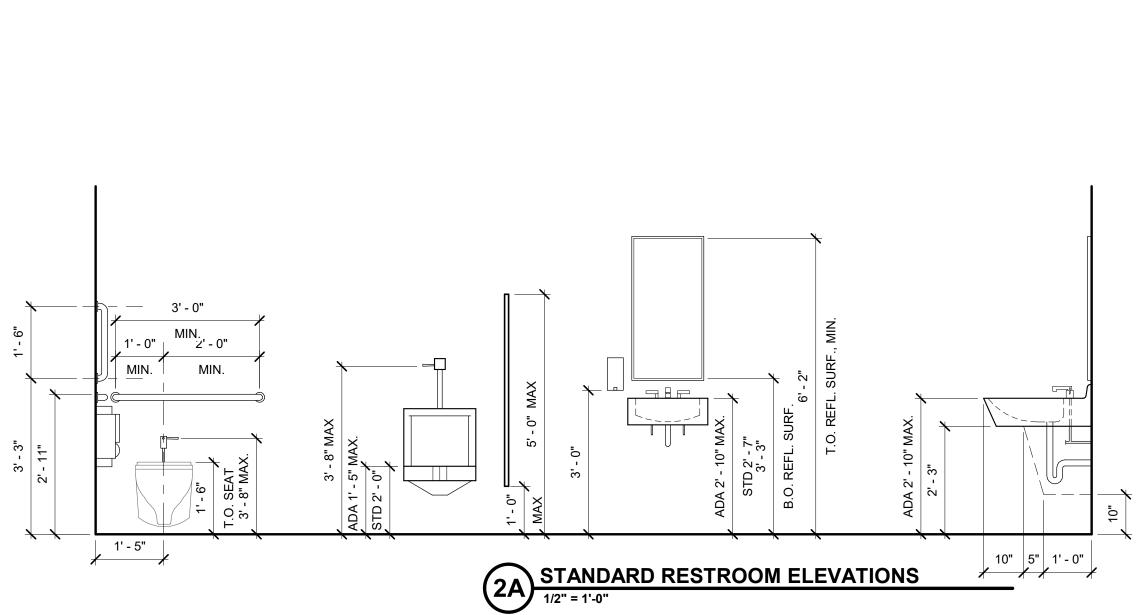
- B. All bulkheads are at 8'-10" AFF, unless noted otherwise.
- C. All grids are centered in rooms, unless noted otherwise.
- D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect. E. Locate sprinkler heads in center of ceiling panel - where applicable.

General Demolition Notes

- A. Contractor shall field-verify all existing conditions, dimensions, and arrangements. B. Contractor is responsible for protection of all existing surfaces, materials, and componer to remain or be relocated. Damage to these resulting from performance of Work shall be repaired by Contractor to satisfaction of Owner and Architect at no additional expense to Owner.
- C. Contractor shall provide temporary dust protection as required to prevent construction debris and dust from migrating out of Project Area. Owner/Architect shall confirm all dust prevention measures/locations and shall determine changes to these measures.
- D. All existing equipment and fixtures shall remain property of Owner. All reusable items salvaged during demolition operations shall be retained for Owner's inspection. Only item so inspected and rejected by Owner shall be disposed. All other such items shall be turne over to Owner for disposition.
- E. All existing surfaces located adjacent to, or exposed by demolition work and scheduled t receive new construction shall be patched and repaired as required to cleanly receive ne work. F. All existing surfaces located adjacent to, or exposed by demolition work and scheduled t
- remain exposed after completion of new const. shall be repaired and patched as required to receive new finishes. G. Owner will be responsible for removal/rearrangement of all existing loose furnishings
- during construction, unless noted otherwise. H. Refer to Mech./Elec. Drawings for additional patching and preparation work related to
- M.E.P. demolition items. Existing sleeves, holes, and other penetrations or new damage of existing building structure above grade exposed by demolition and removal of piping, appurtenances, equipment shall be patched and repaired as part of the Work. Maintain fire ratings of all and adjacent construction affected.
- . Cap all piping to remain or abandoned in accordance with requirements of authority havin jurisdiction and in accordance with all local and state plumbing and health codes. Utilize only pre-manufactured and approved fittings to cap existing piping.
- K. Each Contractor is responsible for all demolition work required or noted for installation of new Work. Demolition may include associated distribution systems, appurtenances, equipment supporting controls, and miscellaneous supports, unless noted otherwise. . Coordinate all demolition with Project sequencing as directed by General Contractor or

Construction Manager.





3

	Componer	nt Symbols
nts e o	LIGHT FIXTURE IN CEILING GRID	
ns ned	RETURN AIR	
to ew	SUPPLY AIR	
to ed	EXIT LIGHT	\otimes
	ROOF/OVERFLOW DRAIN	0 0
	SINK	DOUBLE SINGLE UTILITY
ing	LAVATORY	2 GANG 3 GANG COUNTERTOP WALL HUNG
f	TOILET	WALL HUNG FLOOR MOUNT

 \bigcirc

1-1-1-1-1-1-4-4

LEGEND

Light Fixture

Exit Light

(Reference E-Series Dwgs)

(Reference E-Series Dwgs)

Recessed Light Fixture

Suspended Fixture in Areas with Exposed Ceilings

(Reference E-Series Dwgs)

SOUND SYSTEM SPEAKER

(REFERENCE E-SERIES/T-

SERIES DWGS)

URINAL

FLOOR DRAIN

2' X 2' Acoustical

5/8" GWB on Grid

Suspension System

(09 51 13)

(09 22 16)

(Reference M-Series Dwgs)

Supply Air (Reference M-Series Dwgs)

APC-1 Panel Ceiling

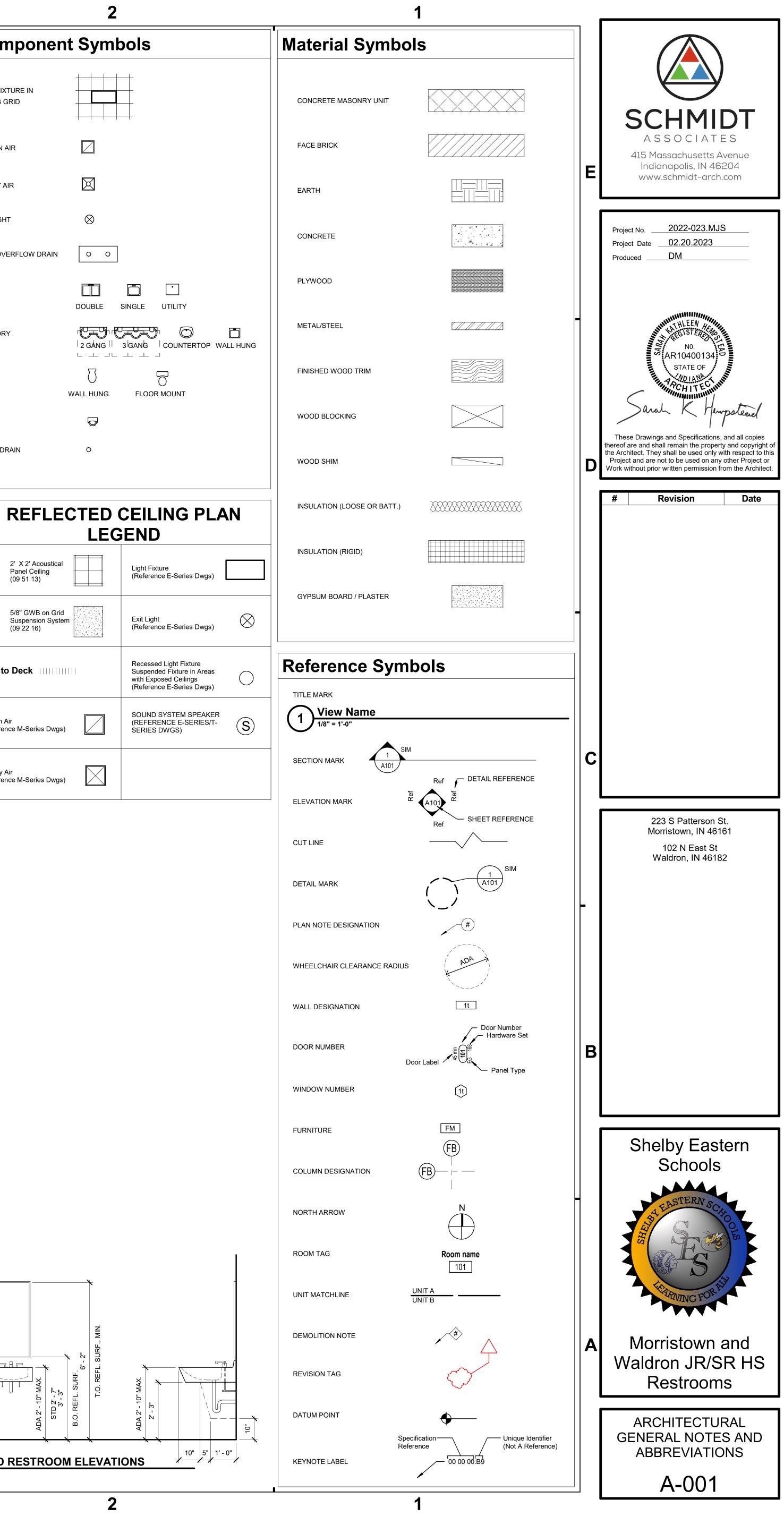
Walls to Deck

Return Air

GWB

CONCRETE MASONRY UNIT	
ACE BRICK	
ARTH	
ONCRETE	
YYWOOD	
IETAL/STEEL	
INISHED WOOD TRIM	
VOOD BLOCKING	
VOOD SHIM	
NSULATION (LOOSE OR BATT.)	
NSULATION (RIGID)	
SYPSUM BOARD / PLASTER	

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

D

J

ABBREVIATIONS

HM Hollow Metal

TG Tempered Glazing

IG Insulated Glazing

SP Spandrel Panel

LG Laminated Glazing FG Frosted Glazing

AL Aluminum

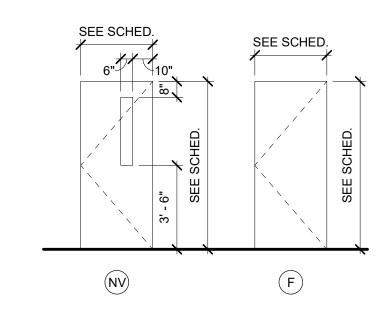
ST Steel

WD Wood

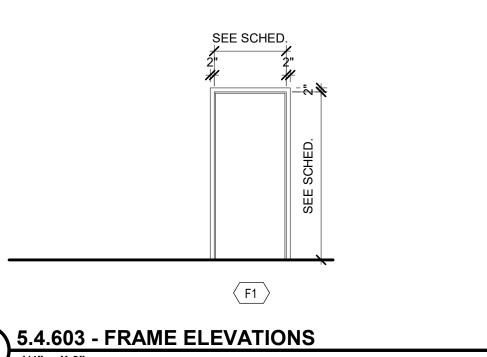
		DOOR PANE	EL				FRAME					
				SIZE						HDWR		
PE QTY	MATL	GLAZ	Н	W	TH	MARK	MATL	GLAZ	LABEL	SET	NOTES	MARK
									•			
1	WD		6' - 8"	3' - 0"	1 3/4"	F1	HM		20 MIN	05	1	223A
2	WD		6' - 8"	6' - 0"	1 3/4"	F1	HM			04	1,2	223B
1	WD		6' - 8"	3' - 0"	1 3/4"	F1	НМ		20 MIN	06		286
	PE QTY 1 2 1 1	1 WD 2 WD	1 WD 2 WD	1 WD 6' - 8" 2 WD 6' - 8"	PE QTY MATL GLAZ H W 1 WD 6' - 8" 3' - 0" 2 WD 6' - 8" 6' - 0"	PE QTY MATL GLAZ H W TH 1 WD 6' - 8" 3' - 0" 1 3/4" 2 WD 6' - 8" 6' - 0" 1 3/4"	PE QTY MATL GLAZ H W TH MARK 1 WD 6' - 8" 3' - 0" 1 3/4" F1 2 WD 6' - 8" 6' - 0" 1 3/4" F1	PE QTY MATL GLAZ H W TH MARK MATL 1 WD 6' - 8" 3' - 0" 1 3/4" F1 HM 2 WD 6' - 8" 6' - 0" 1 3/4" F1 HM	PE QTY MATL GLAZ H W TH MARK MATL GLAZ 1 WD 6' - 8" 3' - 0" 1 3/4" F1 HM 2 WD 6' - 8" 6' - 0" 1 3/4" F1 HM	PE QTY MATL GLAZ H W TH MARK MATL GLAZ LABEL 1 WD 6' - 8" 3' - 0" 1 3/4" F1 HM 20 MIN 2 WD 6' - 8" 6' - 0" 1 3/4" F1 HM 20 MIN	PE QTY MATL GLAZ H W TH MARK MATL GLAZ LABEL SET 1 WD 6' - 8" 3' - 0" 1 3/4" F1 HM 20 MIN 05 2 WD 6' - 8" 6' - 0" 1 3/4" F1 HM 04	PE MATL GLAZ H W TH MARK MATL GLAZ LABEL SET NOTES 1 WD 6'-8" 3'-0" 1 3/4" F1 HM 20 MIN 05 1 2 WD 6'-8" 6'-0" 1 3/4" F1 HM 04 1,2

GENERAL NOTES

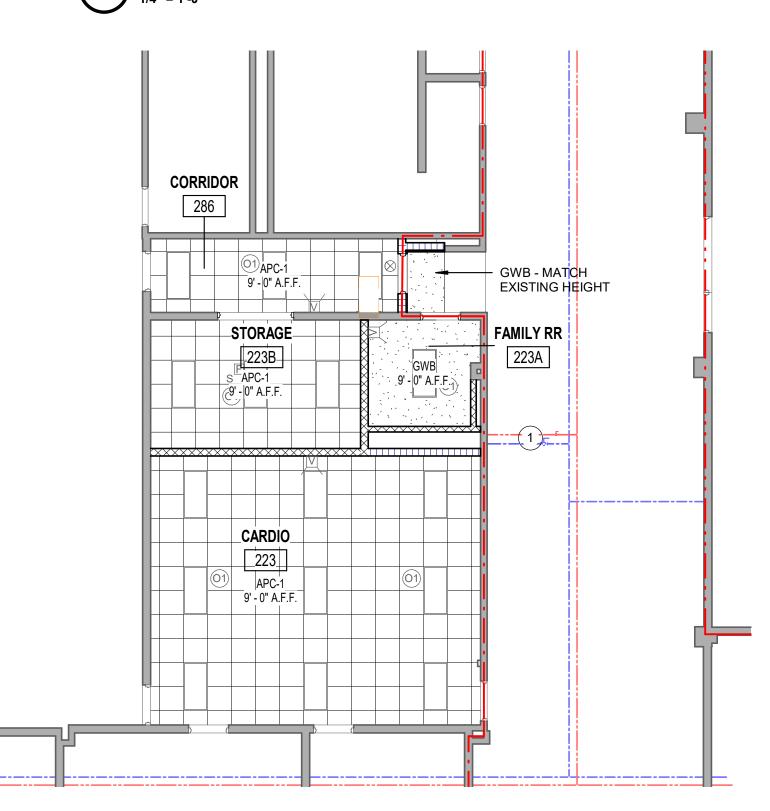
- A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior 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.



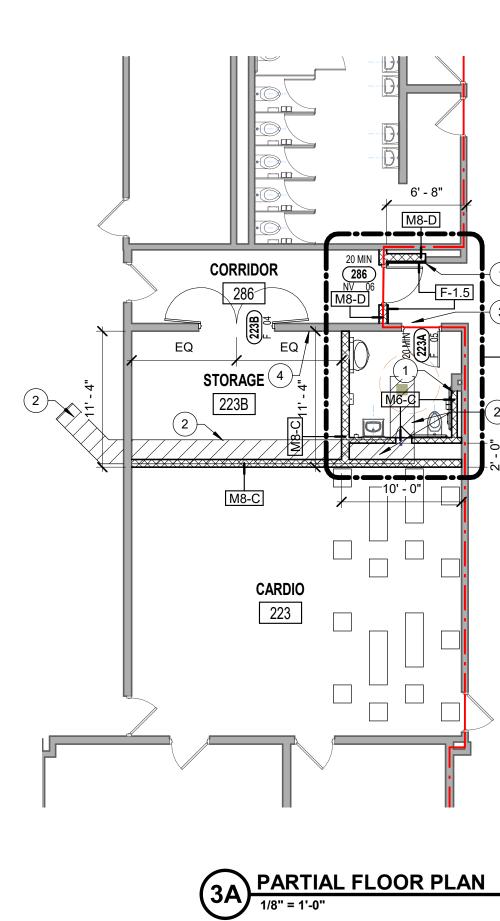




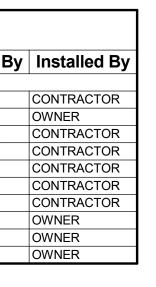
1/4" = 1'-0"

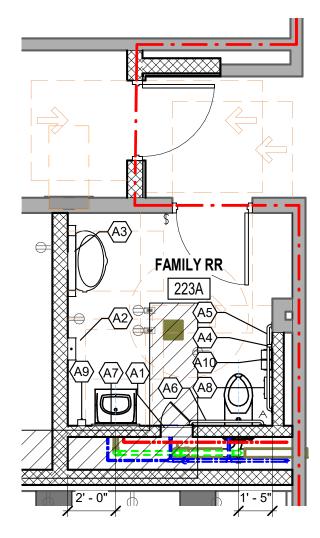






3





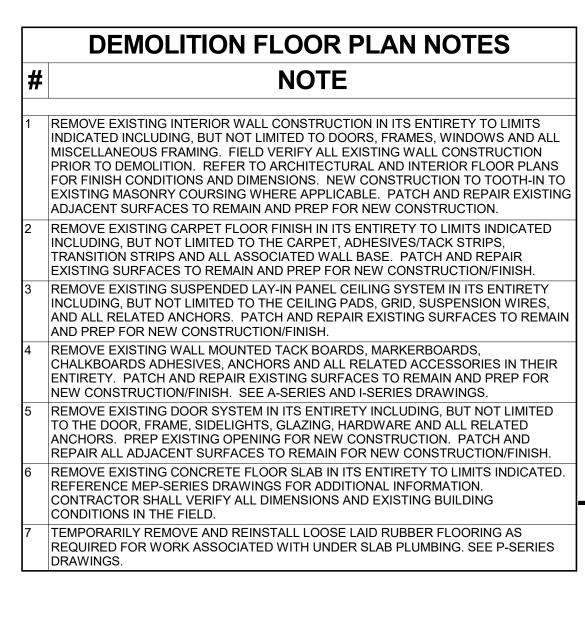
DOOR & FRAME SCHEDULE NOTES See Door Schedule

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.

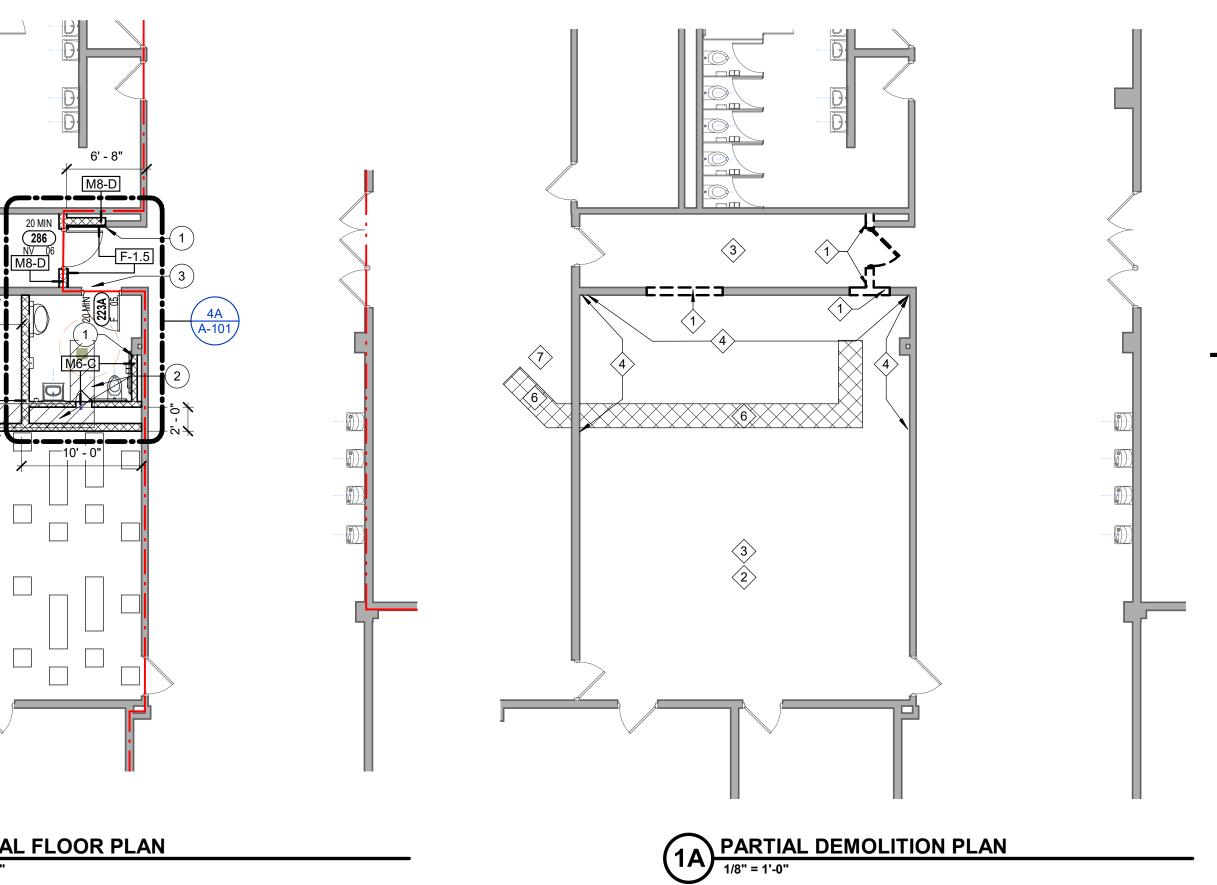
3B PARTIAL REFLECTED CEILING PLAN

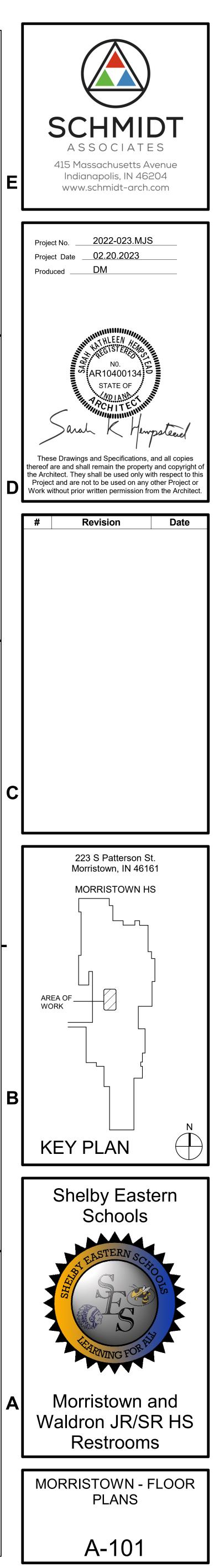
I			
	REFLECTED (LEG	CEILING PLA	N
APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)	
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)	\otimes
Walls t	o Deck	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)	\bigcirc
Return (Refere	Air nce M-Series Dwgs)	SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T- SERIES DWGS)	S
Supply (Refere	Air nce M-Series Dwgs)		



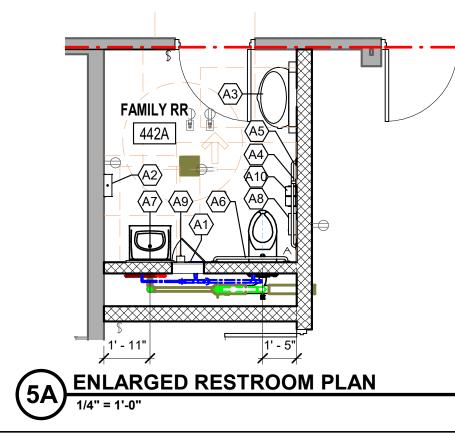
	FLOOR PLAN NOTES
#	Note
1	ALIGN FACE OF NEW WALL/INFILL WITH ADJACENT WALL FACE.
2	PATCH AND REPAIR EXISTING SLAB. TOP OF NEW SLAB TO BE FLUSH WITH EXISTING SLAB. DOWEL INTO EXISTING SLAB WITH #4 DOWELS @ 18" O.C. W/ 2-PAR EPOXY ANCHORING SYSTEM MIN 6" EMBEDMENT. REFER TO MEPT-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
3	PATCH AND REPAIR EXISTING FLOOR 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.





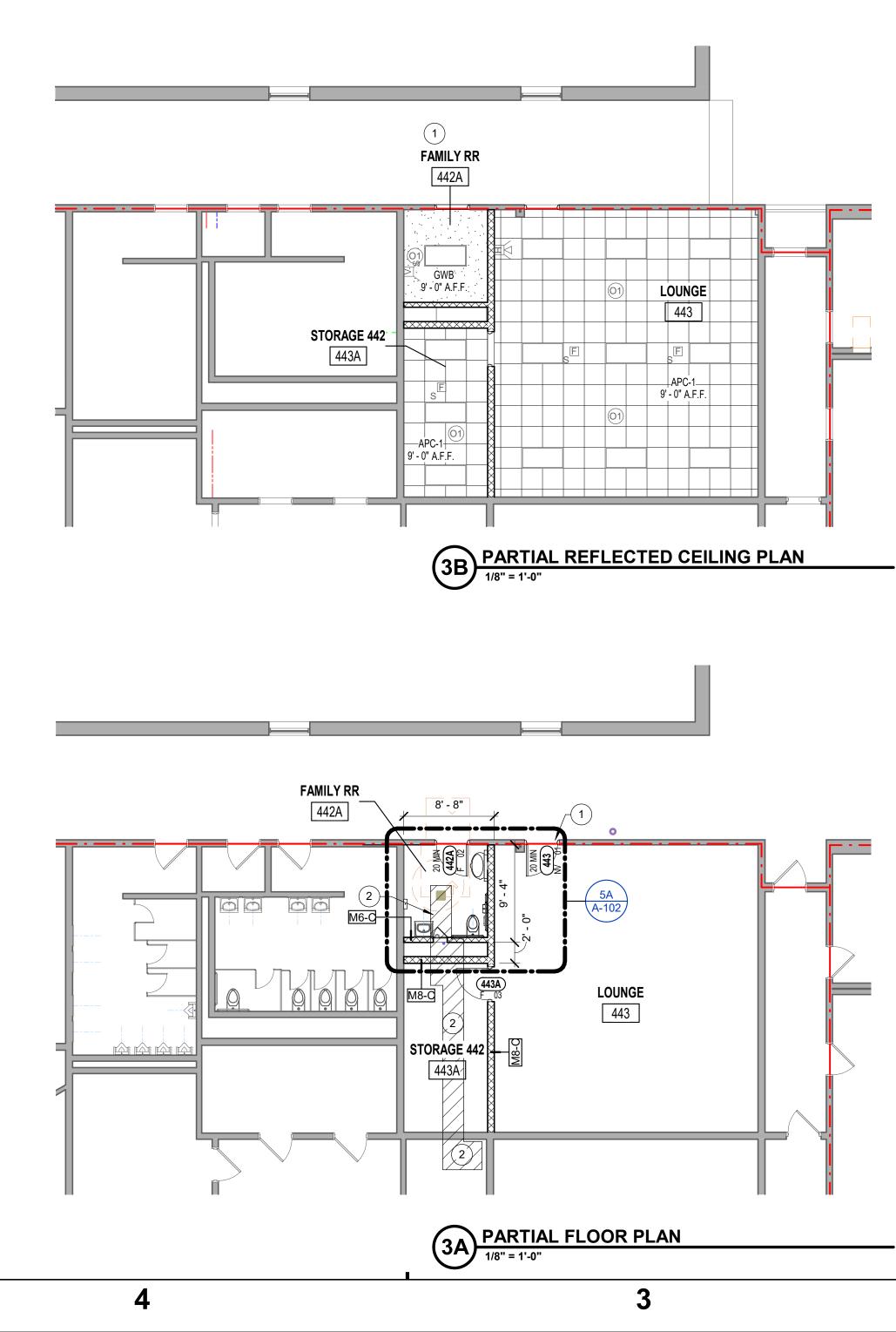
Type Mark	Keynote	Description	Mounting	Furnished By	Ins			
A1	08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CON			
A2	10 28 00	PAPER TOWEL DISPENSER - SLIM	DISPENSER OPENING @ 42" AFF	OWNER	OWN			
A3	10 28 00	CHANGING TABLE - SURFACE MOUNTED	UNDERSIDE OF BED @ 2' - 3" MIN AFF	CONTRACTOR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



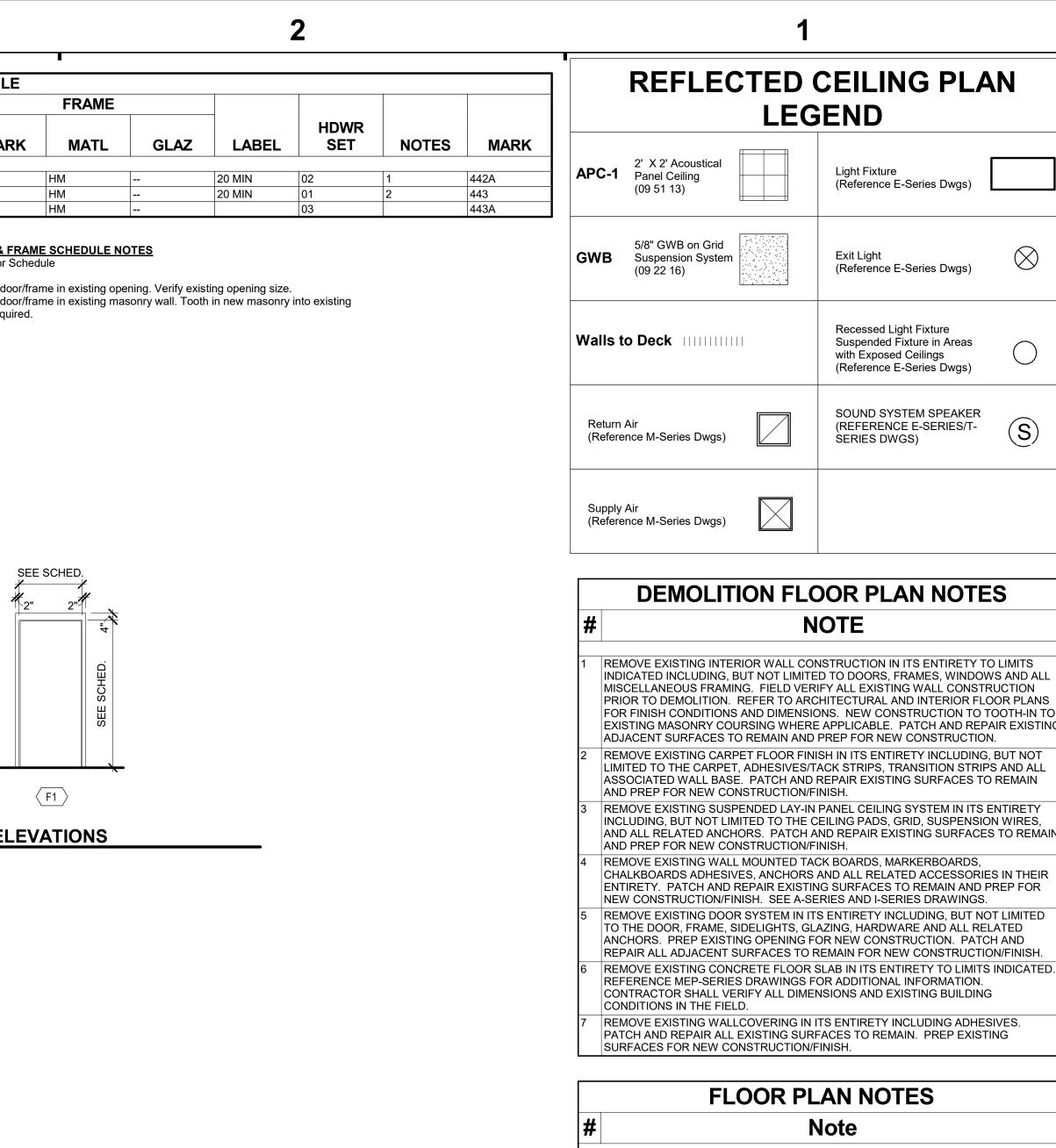
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						DOOR	& FRAME S	CHEDULE	
			I	DOOR PANE	EL				F
						SIZE			
MARK	TYPE	QTY	MATL	GLAZ	Н	W	TH	MARK	
42A	F	1	WD		6' - 8"	3' - 0"	1 3/4"	F1	HM
43	NV	1	WD		6' - 8"	3' - 0"	1 3/4"	F1	HM
A	F	1	WD		6' - 8"	3' - 0"	1 3/4"	F1	HM
Contract Drawing extent of sidelite supply B. The "Q Width" condition otherwite C. Door Ty Frame D. An aster elevation	oor Schedule(s) is ctor. Do not consid gs (especially the f of door and frame of openings). Should shown on the Dray same as required the TY" column design column designates ons, the leaves sha se; however, the a ype "X" denotes a Elevations.	der it as entirely Floor Plans) and quantities required any particular of wings be inadve for similar openin nates the numbe is the total width all equally divide active leaf shall r frame with no do sion denotes a w hedules.	r of leaves in the op of all leaves. In mu the "Door Width" u not be less than 3'-0 por such as a borrow vidth that varies, ref	y examine the to determine the r borrowed lite o rior borrowed lite this Schedule, bening. The "Dou litiple leaf nless noted " wide. wed lite, reference	r W or TC IG or SF	BREVIATIONS Aluminum Hollow Metal Steel D Wood Tempered Glazin Insulated Glazing Caminated Glazing Spandrel Panel	-	DOOR & FRAM See Door Scher 1. New door/fra 2. New door/fra as required.	dule ame in e
S ¥	ັ້	SEE SCHED.	SEHED.					SEE # 2"	E SCHE
	m.								



Installed By ONTRACTOR WNER ONTRACTOR ONTRACTOR ONTRACTOR ONTRACTOR ONTRACTOR WNER WNER WNER



SW	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)	\otimes
Val	lls to Deck	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)	\bigcirc
	eturn Air eference M-Series Dwgs)	SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T- SERIES DWGS)	(\mathbf{S})
	ipply Air eference M-Series Dwgs)		
	DEMOLITION FLC	OOR PLAN NOTES	5
#	Ν	OTE	
1			
I	REMOVE EXISTING INTERIOR WALL CON INDICATED INCLUDING, BUT NOT LIMITE MISCELLANEOUS FRAMING. FIELD VER PRIOR TO DEMOLITION. REFER TO ARC FOR FINISH CONDITIONS AND DIMENSIO EXISTING MASONRY COURSING WHERE	D TO DOORS, FRAMES, WINDOWS IFY ALL EXISTING WALL CONSTRU HITECTURAL AND INTERIOR FLOO DNS. NEW CONSTRUCTION TO TO	S AND ALL ICTION OR PLANS OTH-IN TO

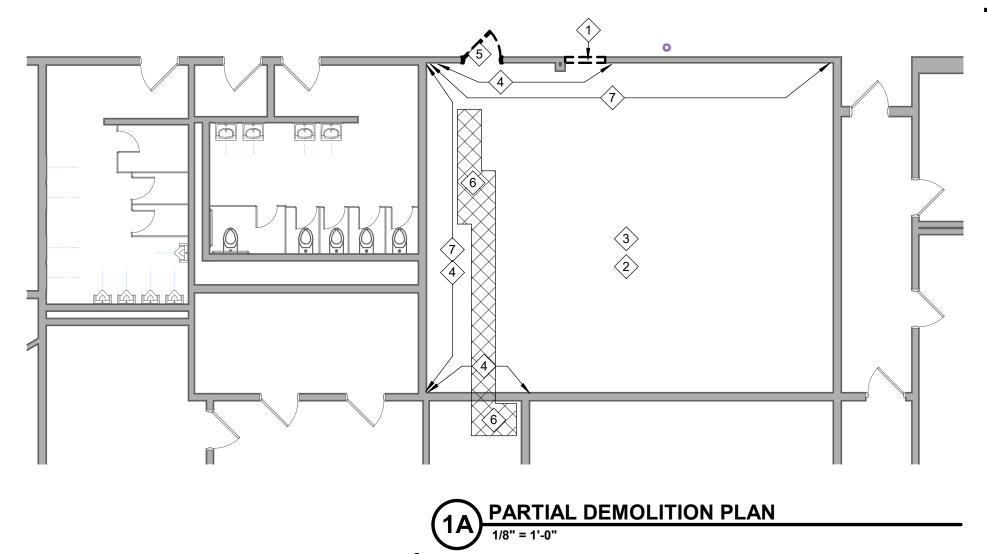
Light Fixture

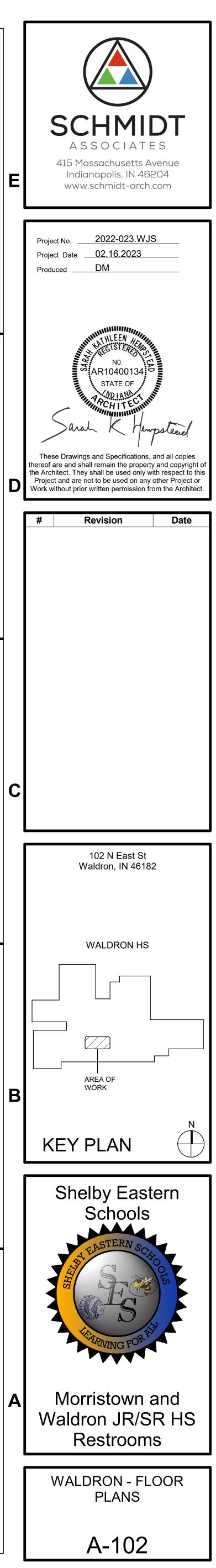
(Reference E-Series Dwgs)

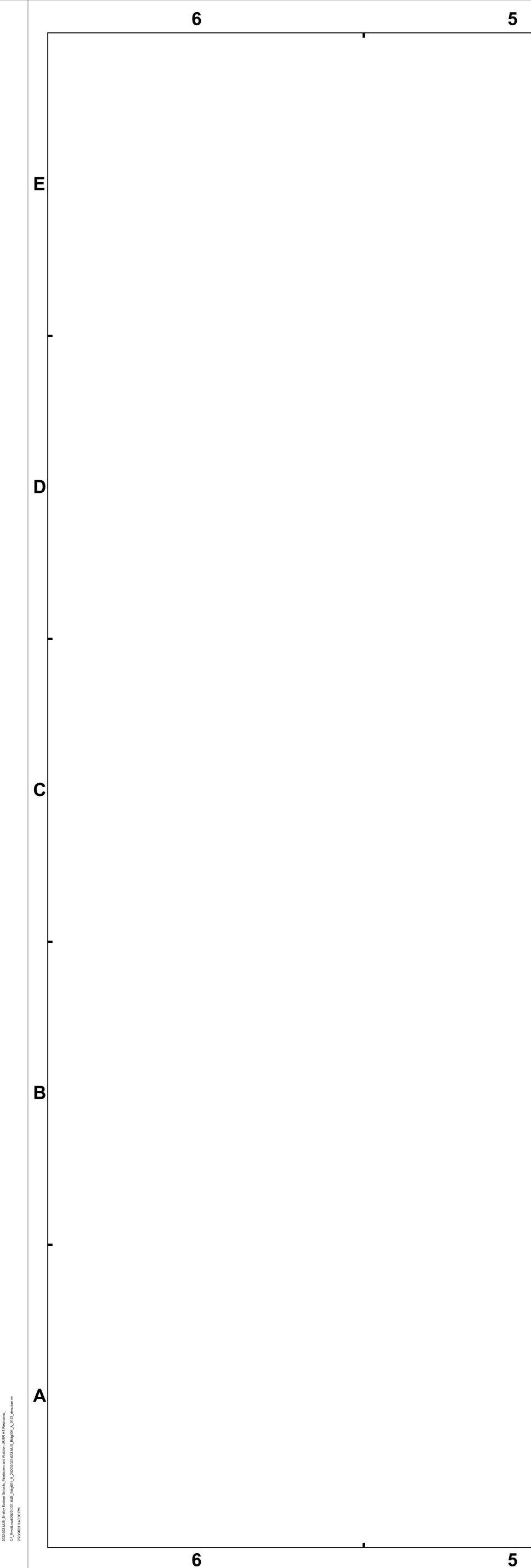
- REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, 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. 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 FOR NEW CONSTRUCTION/FINISH. 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 REMOVE EXISTING WALLCOVERING 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. 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.

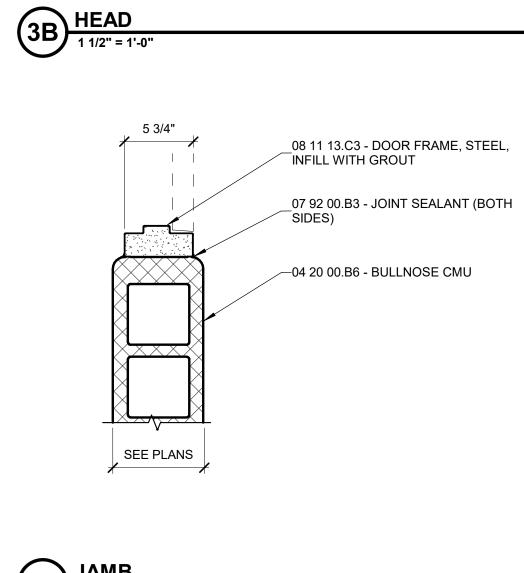
	REFLECTED CEILING PLAN NOTES
#	NOTE
1	PATCH AND REPAIR EXISTING CEILING AS REQUIRED FOR PLUMBING WORK. SEE P-SERIES DRAWINGS.











_04 20 00 - MASONRY LINTEL, REF

_07 92 00.B3 - JOINT SEALANT (BOTH

08 11 13.C3 - DOOR FRAME, STEEL,

LINTEL SCHEDULE

INFILL WITH GROUT

SIDES)

SEE PLANS

 $\times \frac{1}{\times} \frac{1}{\times} \frac{1}{\times}$

5 3/4"

/ /

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

J

LINTEL SCHEDULE

WHERE LINTELS ARE NOT SPECIFICALLY SHOWN OR NOTED ON THE						
STRUCTUR	STRUCTURAL OR ARCHITECTURAL DRAWINGS, PROVIDE THE					
FOLLOWING	G LINTELS OVER ALL OPEN	INGS AND RECESSES IN BOTH				
INTERIOR A	ND EXTERIOR NON-LOAD-E	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 't'	LINTEL	WIDTH OF OPENING	MAX. ALLOW. HEIGHT OF CMU ABOVE LINTEL
6"	C8x11.5 w/	≤ 8'-0"	30'-0"
0	CONT. PL 3/8 x 5	≤ 12'-0"	8'-0"
8"	W8x13 w/ CONT. PL 3/8 x7	≤ 8'-0"	30'-0"
0		≤ 12'-0"	8'-0"
10"	W8x13 w/ CONT.	≤ 8'-0"	25'-0"
10	PL 3/8 x 9	≤ 12'-0"	8'-0"
12"	W8x28 w/ CONT.	≤ 8'-0"	40'-0"
12	PL 3/8 x11	≤ 12'-0"	18'-0"

READING LEFT TO RIGHT, WALL TYPES ARE DE-CODED AS FOLLOWS:

LOCATION E EXTERIOR WALL

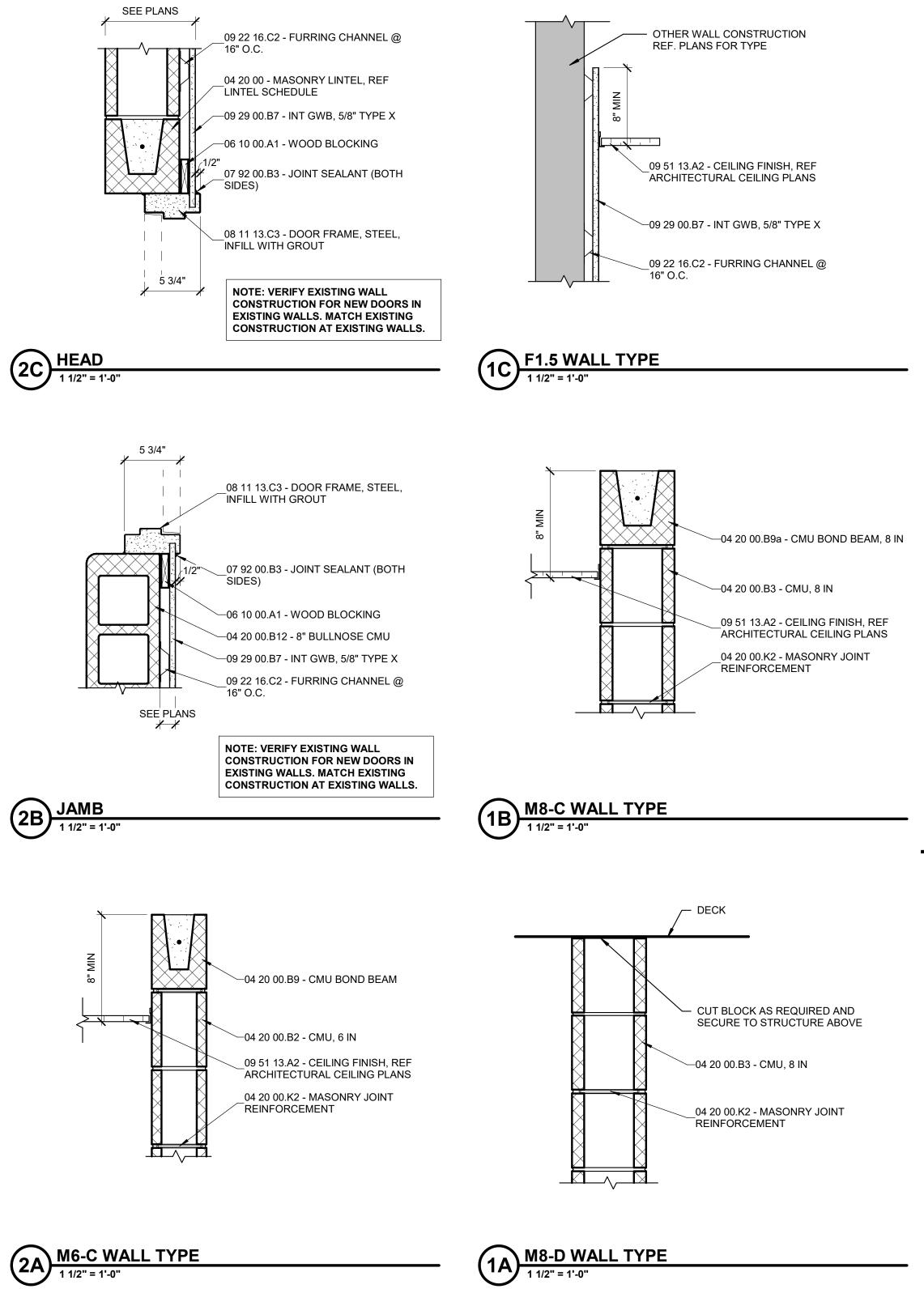
- INTERIOR WALL NO DESIGNATION C COMPOSITE WALL (EXTERIOR AND/OR INTERIOR)
- WALL BACKUP MATERIAL CONCRETE (03 30 00)
- M CONCRETE MASONY UNIT (04 20 00) S METAL STUD EXTERIOR (05 40 00) S METAL STUD - INTERIOR (09 22 16)
- WALL BACKUP NOMINAL DEPTH11 INCHES
- 2 2 INCHES 4 4 INCHES
- 6 6 INCHES 8 8 INCHES

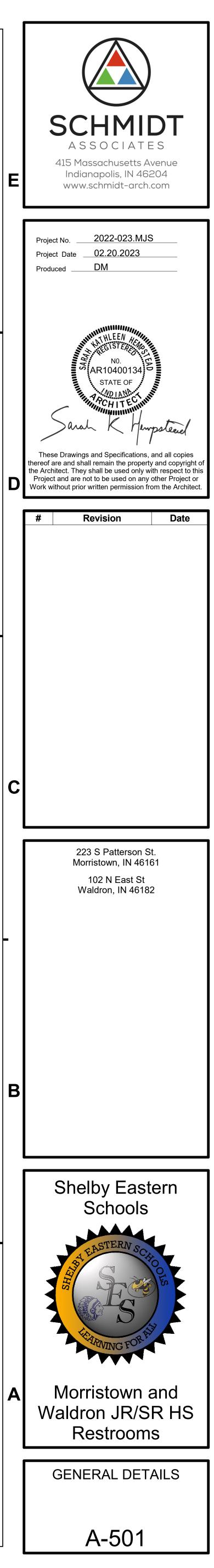
12 12 INCHES **ACOUSTICAL INSULATION**

- 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 MATERIALBFACE BRICK VENEER (04 20 00)
- GYPSUM BOARD (09 29 00) NÓ 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. <u>FIRE-RESISTIVE-RATED CONSTRUCTION</u>: REFERENCE LIFE SAFETY PLANS FOR REQUIREMENTS RELATING TO FIRE-RATED CONSTRUCTION.
 B. <u>STC RATED CONSTRUCTION</u>: PROVIDE ACOUSTICAL SEALANT (07 92 00) AT PERIMETER AND PENETRATIONS OF ALL NON-FIRE-RATED PARTITIONS
- INDICATED WITH AN STC RATING. C. <u>EXTERIOR WALLS</u>: PENETRATIONS AND/OR COMPROMISES TO THE WEATHER-RESISTIVE BARRIER (AIR/VAPOR BARRIER) SHALL BE SEALED
- WITH SPRAY-POLYURETHANE FOAM (07 21 00). D. <u>SHAFTWALL ASSEMBLIES</u>: SW1-D & SW1iD ARE GYPSUM BOARD SHAFT WALL ASSEMBLIES (09 21 16.23).





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strooms Ig001_A_2022_kroche.rvt	Α			
HdUMANHSIOWN - IN LENDAR ENDARCED FLANS 2022-003 MUS_Sheby Eastern Schools_Montsjown and Waldron JR/SR HS Restriooms_ Cri_RevirtLocan12.022-023 MUS_Bidg001_A_2022'02022-023 MUS_Bidg001_A_2022_knoche.nrt 2/19/2023 11:30-43 PM				
HISTOWN - IN LEKKIK ENLAKSE I'S_Shelby Eastern Schools_Morrie 2cal/2.022-023.MJS_BIdg001, 11:30:43 PM				
1401_MUHI 2022-023.MJ C:_RevitLc 2/19/2023 1		6	L	5

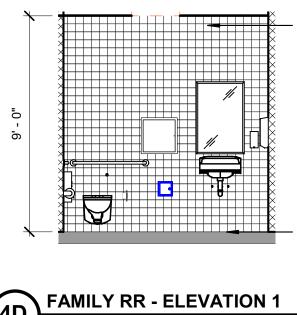
5.5.100 - INTERIOR FINISH LEGEND SPEC. MARK DESCRIPTION MANUFACTURER COLLECTION/PATTERN FLOORING PORCELAIN FLOOR TILE DALTILE 09 30 00 PFT-1 ASTRONOMY TO MATCH EXISTING TO MATCH EXISTING 09 30 00 GT-1 GROUT VINYL WALL BASE JOHNSONITE 09 65 13 VWB-1 ID LATITUDE/STONE AND 09 65 19 LVT-1 LUXURY VINYL TILE TARKETT CONCRETE ID LATITUDE/STONE AND LUXURY VINYL TILE 09 65 19 LVT-2 TARKETT CONCRETE FLOORAZZO 09 66 16 TZT-1 TERRAZZO TILE SEE SPECIFICATION 09 30 00 CWT-1 CERAMIC WALL TILE DALTILE WALL CLASSIC 09 30 00 GT-2 GROUT TO MATCH EXISTING TO MATCH EXISTING FXIS PAINT (LIGHT ACCENT) TO MATCH EXISTING 09 91 23.99 P-1 SHERWIN WILLIAMS 09 91 23.99 P-2 PAINT (DARK ACCENT) SHERWIN WILLIAMS TO MATCH EXISTING FXIS 09 91 23.99 P-3 PAINT (GENERAL) SHERWIN WILLIAMS

SHERWIN WILLIAMS

SHERWIN WILLIAMS

O MATCH EXISTING

TO MATCH EXISTING



- WALL TO RECEIVE CWT-1, FULL HEIGHT.

WALLS

09 91 23.99 P-4

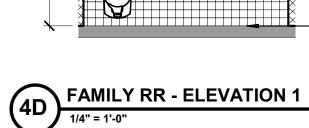
09 96 00.99 HP-1

PAINT (COOL NEUTRAL)

HIGH PERFORMANCE

PAINT

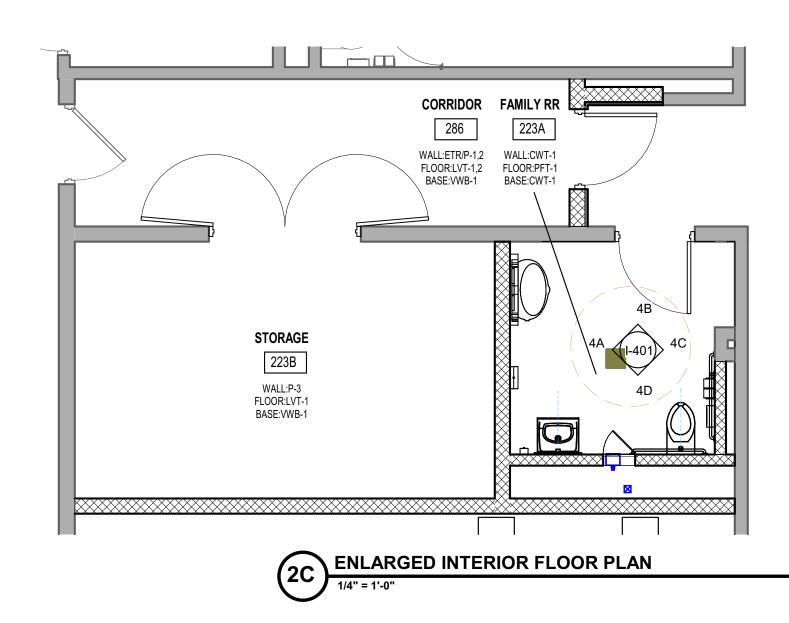
- SCHLUTER TRIM, DILEX-

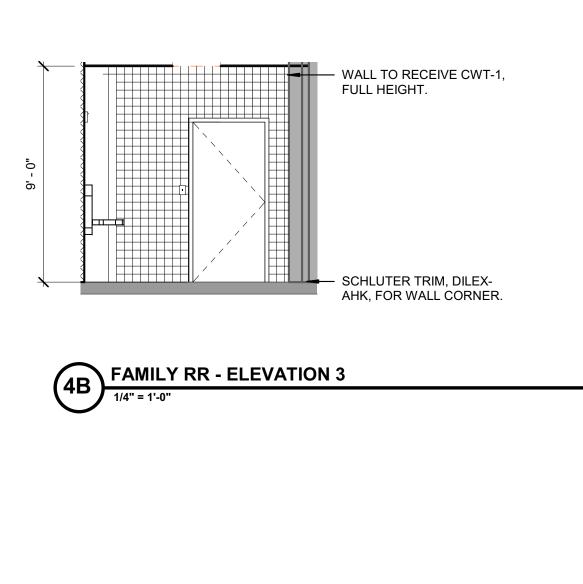


AHK, FOR WALL CORNER.

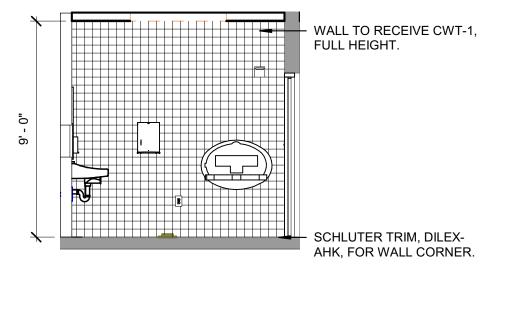
WALL TO RECEIVE CWT-1, FULL HEIGHT.

SCHLUTER TRIM, DILEX-AHK, FOR WALL CORNER.





4C FAMILY RR - ELEVATION 2



4A FAMILY RR - ELEVATION 4

SI	H LEGEND	
	COLOR	COMMENTS
	SOLSTICE AT72	SIZE: 12 BY 24 INCHES; INSTALL:ASHLAR ; LOCATION: RESTROOM FLOOR
	TO MATCH EXISTING	LOCATION(S): FLOOR TILE
	TO MATCH EXISTING	SIZE: 4" COVE BASE IN COIL FORM.
	3515 ALUMIN	SIZE: 18 BY 18 INCHES; INSTALL: VERTICAL ASHLAR
	3519 CHARCOAL	SIZE: 18 BY 18 INCHES; INSTALL: VERTICAL ASHLAR
	TBD	SIZE: 24 BY 24 INCHES; INSTALL: GRID. LOCATION: WHERE INDICATED.
	DESSERT GRAY X114	SIZE: 4 BY 4 INCHES; INSTALL: GRID; LOCATION: RESTROOM WALLS
	TO MATCH EXISTING	LOCATION(S): WALL TILE
	TO MATCH EXISTING	TO MATCH EXISTING GENERAL PAINT COLOR AND SHEEN (YELLOW)
	TO MATCH EXISTING	TO MATCH EXISTING ACCENT PAINT COLOR AND SHEEN (BLACK)
	WHITE	GENERAL UNTINTED WHITE PAINT IS TO BE USED IN STORAGE ROOM.
	TO MATCH EXISTING	TO MATCH EXISTING PAINT COLOR AND SHEEN ON CORRIDOR WALLS AND BULKHEAD (LIGHT GREY).
	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.
- C. Paint interior hollow metal door frames and all stair assembly HP-1.
- D. Paint general walls HP-1 or P-1 (Neutral) unless specifically noted otherwise.
- E. Appliances and vending equipment are not provided in this contract.
- Do not install vinyl wall base on interior brick unless specifically noted othwerwise. Provide a caulk joint at floor level. 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.

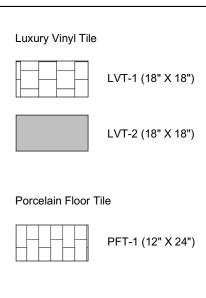
Interior Floor Pattern Notes

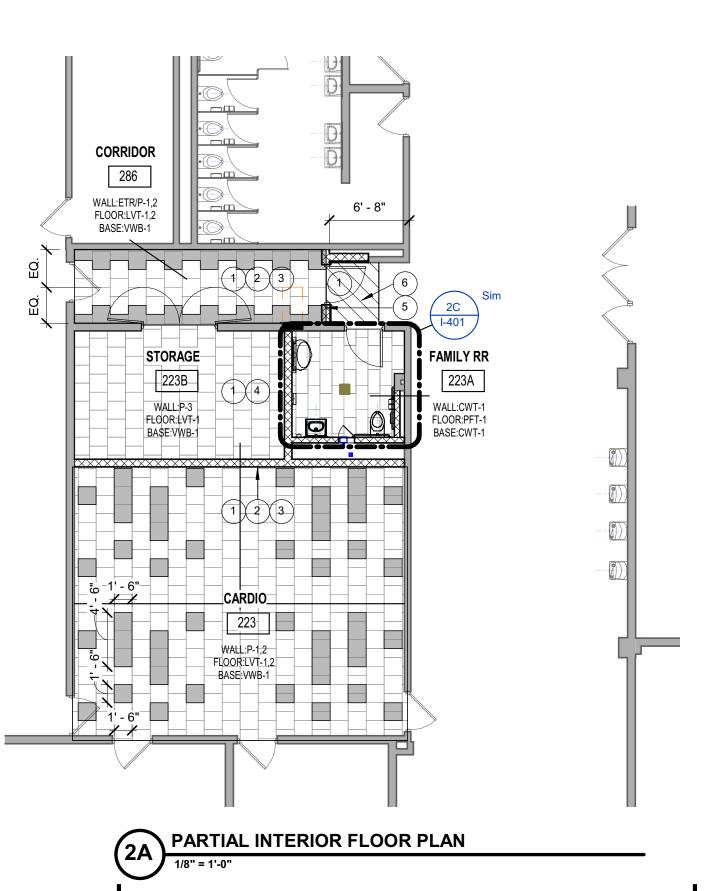
- Reference A-001 for general plan notes. All notes may not apply to this sheet. Coordinate all expansion joints and flooring transitions as they relate to the floor pattern
- shown.
- Transition between flooring materials to occur under centerline of door in closed position.

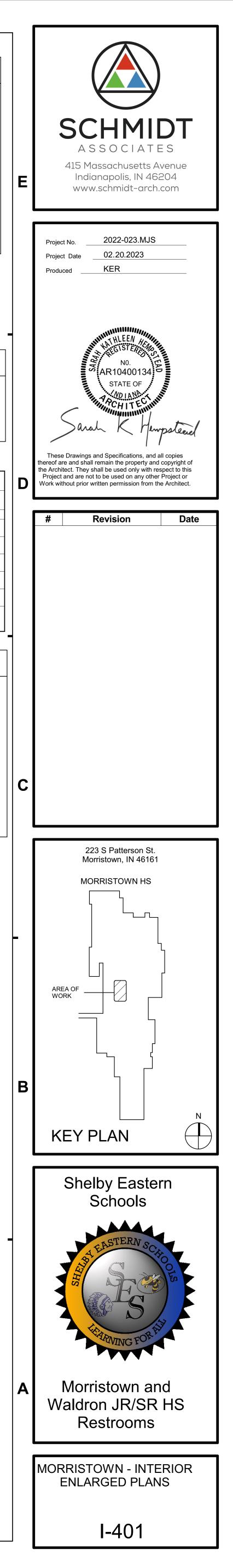
INTERIOR FLOOR PLAN NOTES NOTE

- FOLLOWING DEMOLITION, ANY NECESSARY PATCHING IS TO BE COMPLETED AND FINISHES ARE TO MATCH EXISTING. 09 91 23.99 - WALL TO RECEIVE PAINT, P-1, IN ITS ENTIRETY, INSIDE CORNER TO INSIDE CORNER. 09 91 23.99 - WALL TO RECEIVE PAINT, P-2, IN ITS ENTIRETY, INSIDE CORNER TO INSIDE CORNER. 09 91 23.99 - WALL TO RECEIVE PAINT, P-3, IN ITS ENTIRETY, INSIDE CORNER TO INSIDE CORNER. 09 91 23.99 - WALL TO RECEIVE PAINT, P-4, IN ITS ENTIRETY, INSIDE CORNER TO
- INSIDE CORNER.
- 09 XX XX PROVIDE NEW TERRAZZO TILE FLOORING, TO BE TZT. TILES ARE TO ABUTT TO EXISTING TERRAZZO AND TERMINATE AT NEW DOOR THRESHOLD. SEE HATCHED REGION.

Interior Floor Pattern Legend

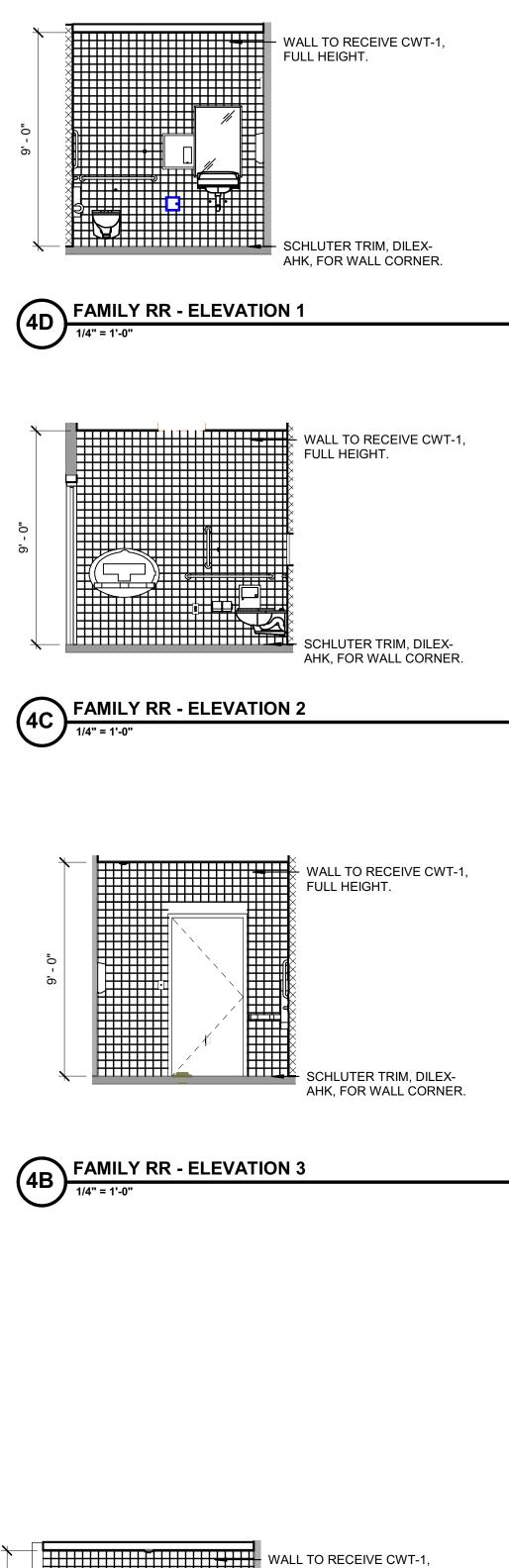


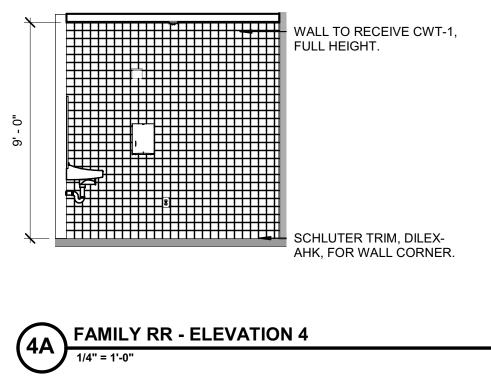


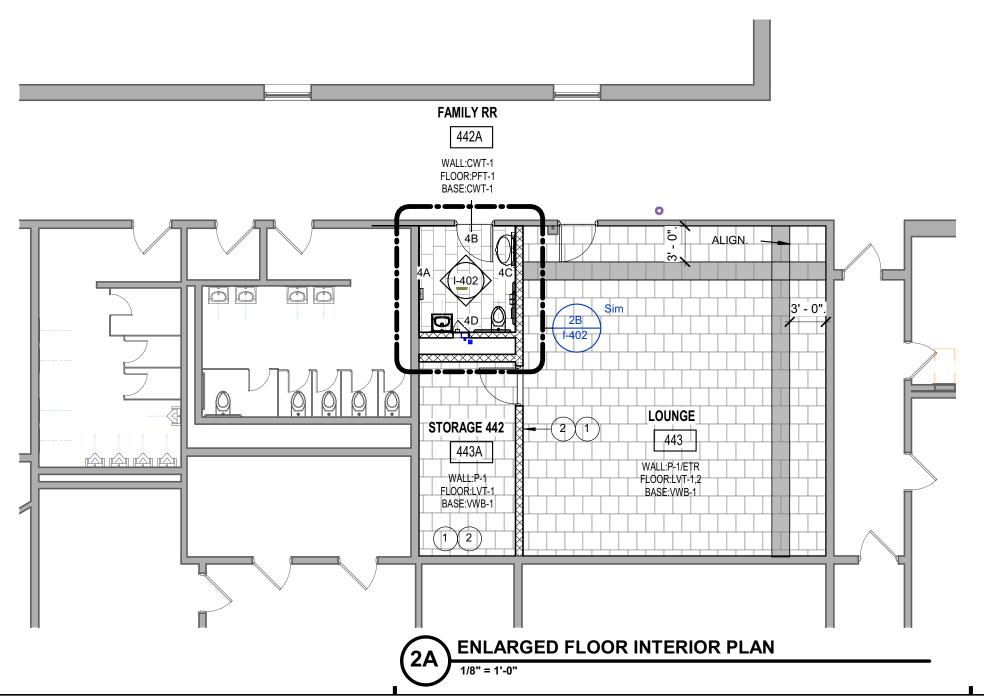


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1402_WALDRON - INTERIOR EMARAGE PLANS 2022/023/WS_Shelby Eastern Schools_Monisown and Wadron JR/SR HS Restrooms_ Cr_L RevitLoccal/2022/023.WJS_Bldg001_A_2022/2022-023.WJS_Bldg001_A_2022_voche.rvt 2/19/2023 11:35:54 PM	A	6	5
		V	<u> </u>

	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	1	1				
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.

- A. 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.
- C. Paint interior hollow metal door frames and all stair assembly HP-9.
- D. 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 othwerwise. Provide a caulk joint at floor level.
- G. Provide vinyl wall base around all casework unless specificlaly 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.

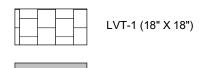
- Coordinate all expansion joints and flooring transitions as they relate to the floor pattern shown.
- Transition between flooring materials to occur under centerline of door in closed position.

INTERIOR FLOOR PLAN NOTES NOTE

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

Interior Floor Pattern Legend

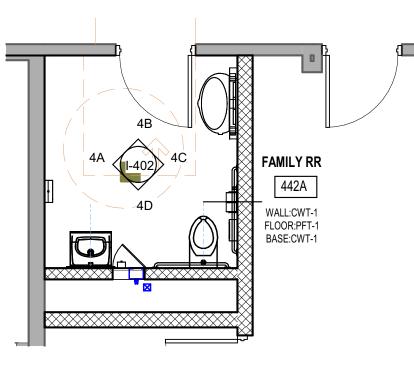
Luxury Vinyl Tile



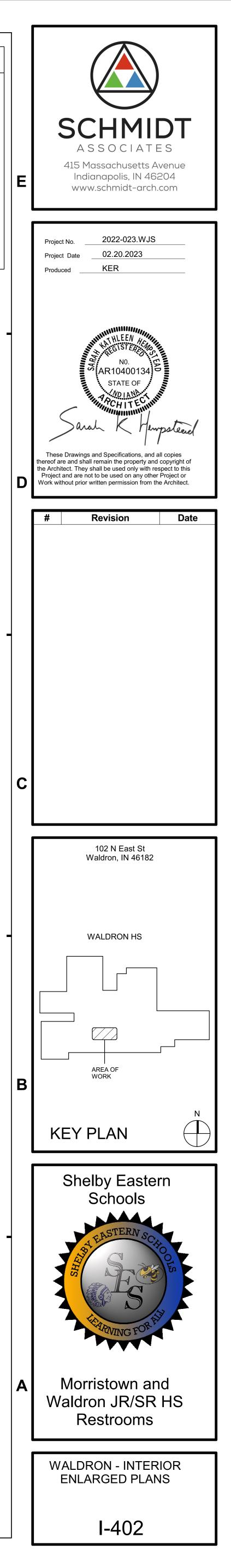
LVT-2 (18" X 18")

Porcelain Floor Tile

PFT-1 (12" X 24")



2B ENLARGED RESTROOM INTERIOR PLAN



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ABBREVIATIONS

	ABBREVIATIONS
ACU	AIR CONDITIONING UNIT
ACCU	AIR COOLED CONDENSING UNIT
AAF	AUTOMATIC AIR VENT
AD	ACCESS DOOR ("M" DWGS). AREA DRAIN ("P" DWGS)
ADA	AMERICAN DISABILITIES ACT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR AIR FLOW MONITORING
AHU	AIR HANDLING UNIT
ALTER	ALTERNATE
AMP	AMPERE (AMP, AMPS) APPROXIMAT(E), (LY)
ARCH	ARCHITECT (URAL) AIR SEPARATOR
APD	AIR PRESSURE DROP (IN WG)
AV	AUTOMATIC VENT
BBD	BOILER BLOW DOWN
BDD BDD BFC	BACKDRAFT DAMPER
BFW	BELOW FINISHED CEILING BOILER FEED WATER
BFWP	BOILER FEED WATER PUMP
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BOP BSB	BOTTOM OF PIPING BRANCH SELECTOR BOX DESITION THERMAL UNIT DER HOUR
BTUH	BRITISH THERMAL UNIT PER HOUR
C	COMMON
CD	CONDENSATE DRAIN
CAB	CABINET
CAV	CONSTANT AIR VOLUME
CF CFM	CUBIC FEET CUBIC FEET PER MINUTE
CFOI CH	CONTRACTOR FURNISHED/OWNER INSTALLED CHILLER
CHP	CHILLED WATER PUMP
CHCF	CHILLED WATER CHEMICAL FEED
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CO	CLEANOUT
CONN	CONVECTION
CONV	CONVECTOR
COP	COEFFICIENT OF PERFORMANCE
CP	CONDENSATE PUMP
CT CUH	COOLING TOWER CABINET UNIT HEATER
CUV CV	CLASSROOM UNIT VENTILATOR CONTROL VALVE
CWCF	CONDENSER WATER CHEMICAL FEED
CWP	CONDENSER WATER PUMP
CWR CWS	CONDENSER WATER RETURN CONDENSER WATER SUPPLY
D	DRAIN
DB DN	DRAIN BOX DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE (°F)
EC EDR	ELECTRICAL CONTRACTOR EQUIVALENT DIRECT RADIATION
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
EG	EXHAUST GRILLE
ELEC	ELECTRIC
ELEV	ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSURE
EOM	END OF MAIN DRIP
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE (IN WG)
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EVAP	EVAPORAT(E), (ING), (ED), (OR)
EWT	ENTERING WATER TEMPERATURE (°F)
EXP	EXPANSION
EX	EXISTING
°F	DEGREES FAHRENHEIT
F&B	FACE AND BY-PASS
F&T	FLOAT & THERMOSTATIC STEAM TRAP
FCP	FLUID COOLER PUMP
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLR	FLOOR
FPM	FEET PER MINUTE
FT	FOOT/FEET
FTG	FOOTING
FTR GA	FINNED TUBE RADIATION GAUGE
GAL	GALLON
GALV	GALVANIZED
GC GFS	GENERAL CONTRACTOR GLYCOL FILL STATION
GIV GPH	GRAVITY INTAKE VENTILATOR GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
GRV	GRAVITY RELIEF VENTILATOR
H	HUMIDITY/HUMIDIFIER
HD	HEAD (FT.)
HE	HEAT EXCHANGER
HORIZ	HORIZONTAL
HP	HORSEPOWER/HEAT PUMP
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HPWP	HEAT PUMP WATER PUMP
HPS	HIGH PRESSURE STEAM
HPC	HIGH PRESSURE CONDENSATE
HR	HOUR
HRP	HEAT RECOVERY PUMP
HTR	HEATER
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HWCF	HEATING HOT WATER CHEMICAL FEED
HWP	HEATING HOT WATER PUMP
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HZ	FREQUENCY (MEGAHERTZ)
IB	INVERTED BUCKET STEAM TRAP
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCIN	INCINERATOR
INCL	INCLUD(E), (ED)
INDIC	INDICATOR
INSUL	INSULAT(E), (ED), (ION)
INT	INTERIOR
KEC	KITCHEN EQUIPMENT CONTRACTOR
KW	KILOWATT



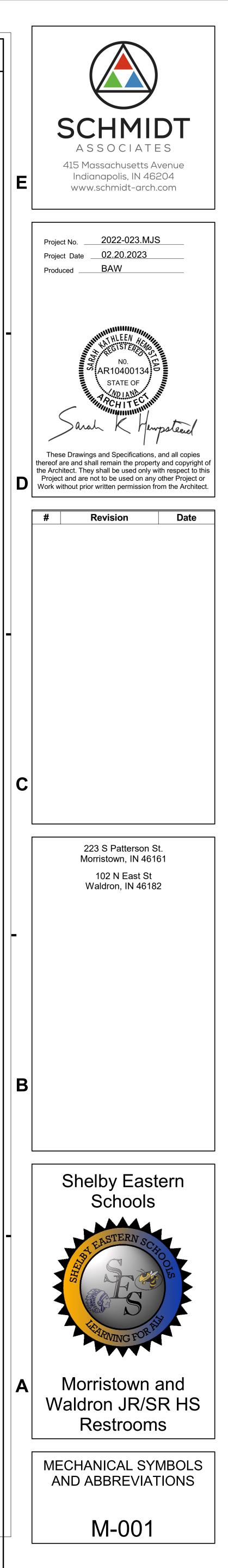
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	ABBREVIATIONS		G SYSTEMS		RK SYSTEMS
LAB LAD	LABORATORY LAMINAR AIR DIFFUSER	CHWR	CHILLED WATER RETURN CHILLED WATER SUPPLY	EA	EXHAUST AIR
LAF LAT LBS	LAMINAR AIR FLOW LEAVING AIR TEMPERATURE (°F) POUND	CD	CONDENSATE DRAIN CONDENSER WATER RETURN	EA/RL	
LD LD LEC	LINEAR DIFFUSER LABORATORY EQUIPMENT CONTRACTOR	CWS	CONDENSER WATER SUPPLY HEAT PUMP RETURN	KEA	OUTSIDE AIR
LFC LFD	LABORATORY FURNISHINGS CONTRACTOR LAMINAR FLOW DIFFUSER		HEAT PUMP SUPPLY HEATING HOT WATER RETURN	RLA	RELIEF AIR
LP LPS	LIQUID PETROLEUM LOW PRESSURE STEAM LOW PRESSURE CONDENSATE	HHWR	HEATING HOT WATER SUPPLY	RA	RETURN AIR
LPC LWT	LOW PRESSURE CONDENSATE LEAVING WATER TEMPERATURE (°F)	HPSR HPSS	HIGH PRESSURE STEAM RETURN HIGH PRESSURE STEAM SUPPLY		
MAT MAX	MIXED AIR TEMPERATURE (°F) MAXIMUM	LPSR	LOW PRESSURE STEAM RETURN LOW PRESSURE STEAM SUPPLY		TRANSFER AIR
MBH MC MCC	THOUSANDS OF BTU PER HOUR MECHANICAL CONTRACTOR MOTOR CONTROL CENTER	MPSR MPSS	MEDIUM PRESSURE STEAM RETURN MEDIUM PRESSURE STEAM SUPPLY	DUCTWO	RK SYMBOLS
MCC MD MECH	MOTORIZED DAMPER MECHANICAL		REFRIGERANT RETURN REFRIGERANT SUPPLY		DROP IN DUCTWORK (SUPPLY ONLY)
MIN MISC	MINIMUM MISCELLANEOUS	RSGR CPD	REFRIGERANT SUCTION GAS RETURN STEAM CONDENSATE PUMP DISCHARGE		DROP IN DUCTWORK (EXHAUST, RETURN, ETC.)
MPS MPC MTD	MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE MOUNTED		STEAM VENT		RISE IN DUCTWORK (SUPPLY ONLY) RISE IN DUCTWORK (EXHAUST, RETURN, ETC.)
MV	MANUAL VENT		YVALVES & FITTINGS		OFFSET IN DUCTWORK (R = RISE D = DROP)
NA NC	NOT APPLICABLE NORMALLY CLOSED		RISE IN PIPING	12"x8"	RECTANGULAR DUCTWORK
NIC NO NTS	NOT IN CONTRACT NORMALLY OPEN NOT TO SCALE	-	DROP IN PIPING	12"Ø	ROUND SPIRAL DUCTWORK
OA	OUTSIDE AIR		CAPPED PIPE		OVAL DUCTWORK
OAT OBD	OUTSIDE AIR TEMPERATURE (°F) OPPOSED BLADE DAMPER		DRAWING CHECK VALVE		INSULATED FLEXIBLE DUCTWORK
OFCI OFOI	OWNER FURNISHED/CONTRACTOR INSTALLED OWNER FURNISHED/OWNER INSTALLED	- ↓	PLUG VALVE		STANDARD RADIUS ELBOW, CENTER RADIUS 1-1/2 TIMES WIDTH OF DUCT
P PBD	PUMP PARALLEL BLADE DAMPER		PRESSURE REGULATING VALVE		90° ELBOW WITH TURNING VANES
PCHR PCHS	PANEL CHILLED WATER RETURN PANEL CHILLED WATER SUPPLY PRESSURE DROP (IN OR WC AS NOTED)		VALVE - SEE SPECIFICATIONS FOR VALVE TYPE		DUCT TRANSITION
PD PE PER (%)	PRESSURE DROP (IN OR WG AS NOTED) PNEUMATIC-ELECTRIC PERCENT		BUTTERFLY VALVE		SHOETAP WITH SQUARE TO ROUND TRANSITION
PH PHC	PHASE PREHEAT COIL				CONICAL FITTING
PHWR PHWS	PERIMETER HEATING HOT WATER RETURN PERIMETER HEATING HOT WATER SUPPLY PRESCURE INDICATOR		GATE VALVE		90° TEE FITTING
PI PNEU PPM	PRESSURE INDICATOR PNEUMATIC PARTS PER MILLION		BALL VALVE		
PREFAB	PREFABRICATED PRESSURE	-			45° LATERAL FITTING
PSI PSIG	POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAUGE DUELMATIO TURE		VALVE IN RISER		BELLMOUTH FITTING
PT PTS	PNEUMATIC TUBE PNEUMATIC TUBE STATION		- ANGLE VALVE		SHOETAP (OR 45° ENTRY) FITTING
R R(#)	THERMAL RESISTANCE REFRIGERANT (NUMBER)		MANUAL BALANCING VALVE		MANUAL VOLUME DAMPER
RA RAT	RETURN AIR RETURN AIR TEMPERATURE (°F)		AUTOMATIC BALANCING VALVE TWO-WAY CONTROL VALVE		ADE DAMPER PBD = PARALLEL BLADE DAMPER
RECIR RES RF	RECIRCULAT(E), (OR), (ING) RELATIVE HUMIDITY RETURN FAN			E] AD ↓ SD	SD = SMOKE DAMPER
RG RH	RETURN GRILLE RELATIVE HUMIDITY				FSD = FIRE/SMOKE DAMPER
RHC RHG	REHEAT COIL REFRIGERANT HOT GAS REFRIGERANT LIQUID		UNION	FSD ↓ E∃AD ↓	FD-(A/B) = FIRE DAMPER (TYPE A OR TYPE B)
RL RM RP	ROOM RADIANT PANEL (CEILING-MOUNTED)		THERMOMETER WELL	FD-(A/B)	
RPM RS	REVOLUTIONS PER MINUTE REFRIGERANT SUCTION		GAUGE CONNECTION(S) & WELL		MOTORIZED CONTROL DAMPER
RV	REFRIGERANT VENT SUPPLY AIR	⊥≗	MANUAL AIR VENT		ACCESS DOOR INTERNALLY INSULATED DUCTWORK
SA SF SAT	SUPPLY FAN SUPPLY AIR TEMPERATURE (°F)		AUTOMATIC AIR VENT		FLEXIBLE CONNECTION
SCC SD	STEAM CONDENSATE COOLER SUPPLY DIFFUSER	T	PETE'S PLUG		DUCT-MOUNTED REHEAT COIL (HYDRONIC)
SECT SEER SF	SECTION SEASONAL ENERGY EFFICIENCY RATIO SQUARE FOOT		Y-STRAINER W/BLOWDOWN VALVE & CAP		NEW TO EXISTING
SG SHR	SUPPLY GRILLE SENSIBLE HEAT RATIO		PIPE GUIDES	BDD	COUNTERBALANCED BACKDRAFT DAMPER
SHT SPEC	SHEET SPECIFICATIONS		PIPE ANCHORS FLEXIBLE PIPING CONNECTOR	MBDD	MOTORIZED BACKDRAFT DAMPER
SRV SS ST	SAFETY RELIEF VALVE STAINLESS STEEL STORAGE TANK		PIPE EXPANSION JOINT	FOUIPME	NT SYMBOLS
STD STP	STANDARD STORAGE TANK PUMP	F&T	STEAM TRAP W/DESIGNATION		LINEAR DIFFUSER W/TYPE AND CFM
STR STS	STORAGE TANK RETURN STORAGE TANK SUPPLY		EXPANSION LOOP (SIZE INDICATED ON DRAWINGS)		(TWO-WAY SIDE TYPE) SUPPLY DIFFUSER W/TYPE AND CFM (FOUR-WAY TYPE)
STRUCT SUCT SV	STRUCTURE(E), (AL) SUCTION STEAM VENT	╡ <u>│</u> ₹ <u>√</u>	GAS COCK		, , , , , , , , , , , , , , , , , , ,
ТВ	TERMINAL BOX		CONCENTRIC REDUCER		SUPPLY DIFFUSER W/TYPE AND CFM (THREE-WAY TYPE)
	TEMPERATURE CONTROL TEMPERATURE CONTROL CONTRACTOR TEMPERATURE DIFFERENCE				SUPPLY DIFFUSER W/TYPE AND CFM
TD TEMP TONS	TEMPERATURE TONS OF REFRIGERATION		PRESSURE REDUCING VALVE		(TWO-WAY SIDE TYPE) SUPPLY DIFFUSER W/TYPE AND CFM (ONE-WAY SIDE TYPE)
TSP TSTAT	TOTAL STATIC PRESSURE (IN WG) THERMOSTAT				RETURN GRILLE W/ TYPE AND CFM
U TYP.	TYPICAL HEAT TRANSFER COEFFICIENT		G NOTATIONS		EXHAUST GRILLE W/ TYPE AND CFM
UC UH	UNDER CUT UNIT HEATER		PLAN NOTE		SIDEWALL GRILLE W/TYPE AND CFM
UNO UV	UNLESS NOTED OTHERWISE UNIT VENTILATOR	<u> </u>	DETAIL REFERENCE	AT ROOF	ROOF-MOUNTED EXHAUST FAN
VA VAC	VOLT AMPERE VACUUM	2 M-301	SECTION REFERENCE		CEILING-MOUNTED EXHAUST FAN
VAC VAR VAV	VARIABLE VARIABLE AIR VOLUME		NEW TO EXISTING	<u>(CO2</u>	CARBON DIOXIDE SENSOR
VB VC	VACUUM BREAKER VACUUM CLEANING VOLUME DAMPER	$\begin{array}{c} \bullet \\ \bullet \end{array}$	DEMO TO THIS POINT		
VD VERT VFD	VOLUME DAMPER VERTICAL VARIABLE FREQUENCY DRIVE		EQUIPMENT TAG - (SEE SCHEDULE SHEETS)		THERMOSTAT
VFD VIF VRV	VARIABLE FREQUENCY DRIVE VERIFY IN FIELD VARIABLE REFRIGERANT VOLUME	MARK SD24-12 300 CFM	DIFFUSER, REGISTER, GRILLE TAG - (SEE SCHEDULE SHEETS)		
	WITH WATER CALLOS				
WG W/O WPD	WATER GAUGE WITHOUT WATER PRESSURE DROP				
WTR	WATER	- ALL SYMBOLS AND MAY NOT BE USED	D ABBREVIATIONS D FOR THIS PROJECT		
ZN	ZONE				<u>ົ</u>

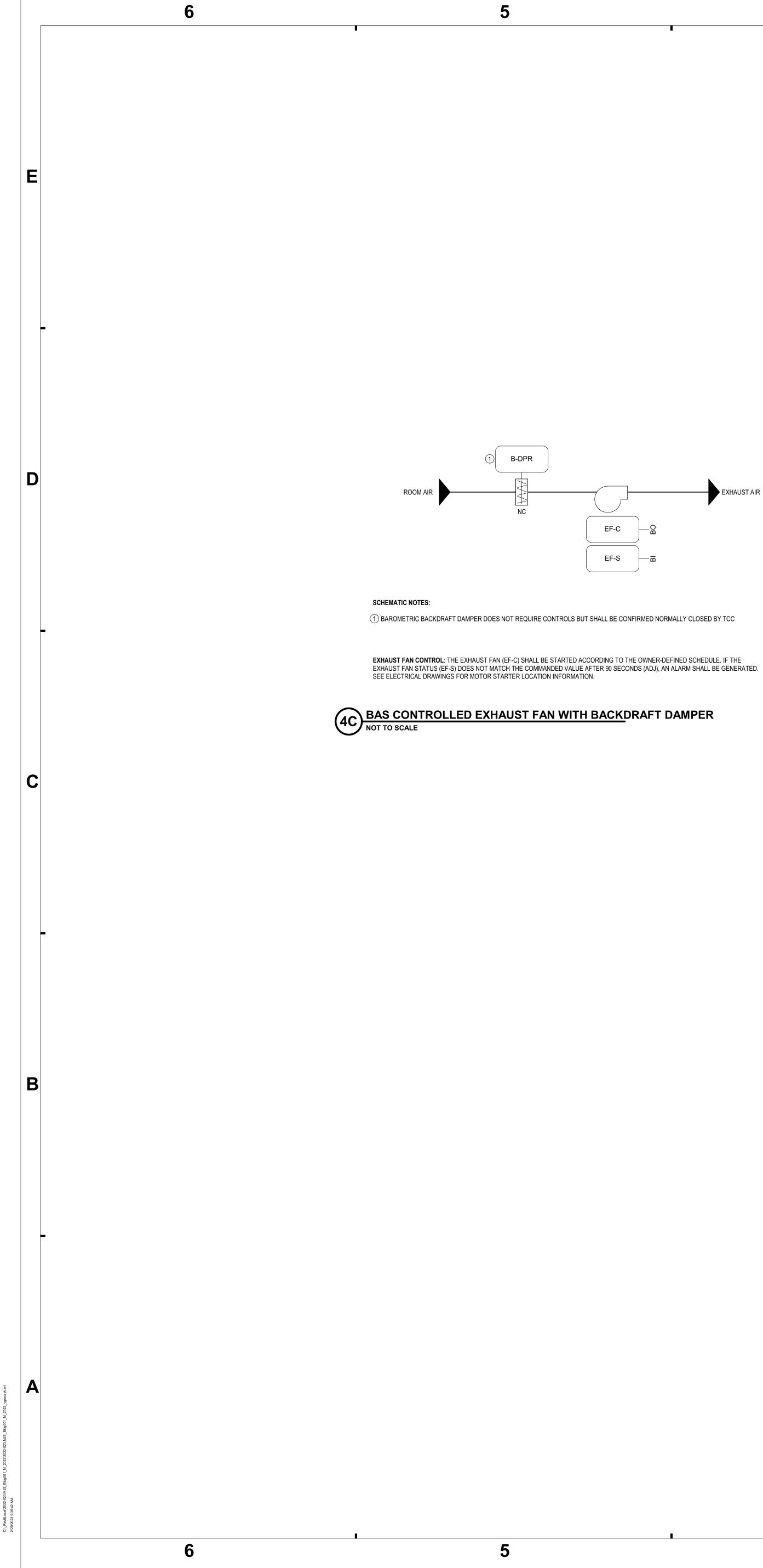
GENERAL NOTES

THESE GENERAL NOTES APPLY TO M-SERIES DRAWINGS. ADDITIONAL GENERAL NOTES SPECIFIC TO A PARTICULAR DRAWING ARE NOTED ON THOSE SHEETS.	

- 2. 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.
- ON MECHANICAL "M" SERIES DRAWINGS, DARK LINE ITEMS INDICATE NEW WORK. LIGHT LINE ITEMS ARE ITEMS THAT SHALL REMAIN.
- THESE DRAWINGS INDICATE REQUIRED SIZE AND POINTS OF TERMINATION FOR PIPING, DUCTWORK, CONDUIT, ETC. THE EQUIPMENT SHOWN ILLUSTRATES SUGGESTED ROUTING, BUT ALL NECESSARY OFFSETS MAY NOT BE SHOWN. DIVISION 23 SHALL INSTALL HIS WORK IN A MANNER THAT WILL CONFORM WITH THE STRUCTURE. DIVISION 23 SHALL AVOID OBSTRUCTIONS, PRESERVE HEADROOM AND MAINTAIN MAXIMUM CLEARANCE WITHOUT FURTHER INSTRUCTION FROM THE ARCHITECT/ENGINEER OR ADDITIONAL COST TO THE OWNER.
- ALL DUCTWORK. PIPING, AND VALVES SHALL BE CONCEALED ABOVE CEILING AND WITHIN WALLS IN FINISHED AREAS UNLESS OTHERWISE INDICATED.
- DIVISION 23 SHALL BE GUIDED BY THE ARCHITECT/ENGINEER'S REFLECTED CEILING PLAN FOR LOCATION OF DIFFUSERS, REGISTERS, GRILLES SHOWN OR COVERED BY THESE PLANS. RETURN GRILLES SHALL NOT ALIGN WITH SUPPLY AIR THROW.
- 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. PIPING PENETRATING FLOOR SLABS AND/OR WALLS SHALL BE SEALED WITH ACOUSTIC
- SEALANT. IF THE FLOOR OR WALL IS FIRE RATED PROVIDE THE FIRE STOPPING TO MAINTAIN THE FIRE RATING. ALL RECTANGULAR SHEET METAL DUCT SIZES ARE INSIDE DIMENSIONS. ALL ROUND DUCT
- SIZES SHOWN ARE INSIDE DIAMETERS. ALLOWANCE FOR ACOUSTICAL LINER WHERE INDICATED ON DRAWINGS MUST BE ADDED TO OBTAIN OUTSIDE SHEET METAL DIMENSION.
- 0. DIVISION 23 CONTRACTOR SHALL BE RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT. CONTRACTOR SHALL INCLUDE IN BID PROPOSAL ALL COSTS FOR CUTTING AND PATCHING REQUIRED TO INSTALL NEW OR REMOVE EXISTING WORK, EQUIPMENT, OR SYSTEMS.
- 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, PRIOR TO ORDERING ANY OF THE EQUIPMENT. THIS SHALL INCLUDE BUT NOT LIMITED TO ELECTRICAL CHARACTERISTICS, CONNECTIONS REQUIRED, PHYSICAL SIZE, COLOR AND FIT. ALSO REFER TO SPECIFICATIONS.
- 2. ALL EQUIPMENT SHALL BE OF, AND CONSIST OF, AT LEAST MINIMUM SIZES SELECTED, AND SHALL PERFORM TO OR SURPASS THE MINIMUM REQUIREMENTS, SCHEDULES, NOTED AND SPECIFIED.
- 3. COORDINATE INSTALLATION OF NEW WORK WITH ALL OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED FOR A COMPLETE AND OPERABLE HVAC SYSTEM. CLEARANCES ABOVE CEILINGS ARE EXTREMELY TIGHT IN CERTAIN AREAS. RELOCATE PIPING, ELECTRIC CONDUIT, STRUCTURAL BRACING, ETC., AS REQUIRED FOR A COMPLETE INSTALLATION OF HVAC WORK. COORDINATE ROUTING OF NEW DUCTWORK ABOVE CEILINGS WITH EXISTING ELECTRIC CABLE TRAY. M.C. TO COORDINATE ALL DUCTWORK ROUTING AND DUCTWORK ELEVATIONS WITH STRUCTURAL STEEL SUPPORTS FOR FOLDING WALLS. REFERENCE STRUCTURAL DRAWINGS FOR SIZE AND LOCATIONS OF STEEL. FIELD VERIFY ALL EXISTING CONDITIONS.
- 14. ALL NEW DUCTWORK CROSSING THRU EXISTING CORRIDOR AND/OR CLASSROOM WALLS TO DECK; CUT WALLS AS REQUIRED. COORDINATE ALL OPENINGS THROUGH EXISTING WALL CONSTRUCTION WITH GENERAL TRADES. SEAL AROUND DUCTWORK AND PIPING TO HELP REDUCE THE TRANSFER OF NOISE BETWEEN CLASSROOMS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING OF BID.
- 15. ROUND DUCT SIZE TO BE THE SAME SIZE AS THE DIFFUSER NECK; UNLESS OTHERWISE NOTED. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK CONNECTED TO A DIFFUSER SHALL BE
- 16. ALL DUCTWORK CONSTRUCTION SHALL BE FABRICATED SHEET METAL & BUILT IN ACCORDANCE WITH "SMACNA" STANDARDS.
- 17. ALL NEW ROOF WORK TO BE IN ACCORDANCE WITH OWNER'S EXISTING ROOF WARRANTY. 18. ALL ROOF PENETRATIONS TO BE SEALED WATER TIGHT. PACK VOID BETWEEN DUCT PENETRATING ROOF AND STRUCTURE WITH FIBERGLASS INSULATION AND CAULK WATER TIGHT. FOR HIGH TEMPERATURE OR GREASE DUCTS UTILIZE MINERAL WOOL.
- 19. REMOVE ALL WORK MADE OBSOLETE BY NEW CONSTRUCTION.
- 20. CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS, INCLUDING THE WORK OF OTHER CONTRACTORS PRIOR TO SUBMITTING A BID PROPOSAL. 1. ALL EXHAUST FANS, RELIEF VENTS, FLUES, AND PLUMBING VENTS TO BE INSTALLED A
- MINIMUM OF 10 FT. FROM OUTDOOR AIR INTAKES.
- 22. CONTRACTOR SHALL CLEAN ALL OF HIS WORK INSIDE AND OUT. AIR DISTRIBUTION SYSTEMS SHALL HAVE ALL DIRT AND FOREIGN MATERIAL REMOVED FROM INSIDE AND OUTSIDE OF DUCTS, PLENUMS, HOUSINGS, DEVICES, TERMINALS, ETC. AS INSTALLATION PROGRESSES, PROTECT OPEN ENDS OF DUCTWORK AND INLETS AND OUTLETS OF EQUIPMENT AND DEVICES DURING CONSTRUCTION. CLEAN ALL ACCESSIBLE PARTS OF DUCTWORK AND AIR PASSAGES IN EQUIPMENT BEFORE FILTERS ARE INSTALLED OR REPLACED FOR SYSTEM BALANCING.
- 23. FURNISH AND INSTALL ACCEPTABLE CONCRETE INSERTS, ANCHORS, CLAMPS, BRACKETS, HANGERS, STRUCTURAL MEMBERS (ANGLES, CHANNELS, ETC.) AND FRAMES, ETC., REQUIRED FOR SUPPORTING ALL RESPECTIVE WORK. SUPPORTING DEVICES, ASSEMBLIES AND ATTATCHMENTS SHALL BE DESIGNED AND ARRANGED TO CARRY THE WEIGHT OF THE SUPPORTED ITEMS INCLUDING HANGER AND CONTENTS WITHOUT TRANSMITTING VIBRATION OR NOISE TO THE BUILDING CONSTRUCTION; DESIGNED, APPROPRIATE AND APPROVED FOR THE PURPOSE USED; HAVE A NEAT AND FINISHED APPEARANCE AND COMPLEMENT THE INSTALLATION; HAVE CORROSION PROTECTION SUITABLE FOR THE ATMOSPHERE WHERE INSTALLED; ADEQUATELY AND SAFELY ATTACHED TO THE BUILDING STRUCTURE OR STRUCTURAL MEMBERS. EXPOSED SUPPORTS SHALL BE PAINTED UNLESS OF NON-FERROUS MATERIAL OR PROVIDED WITH PLATED (RUSTPROOF) FINISH.
- 24. PROVIDE NEC CLEARANCES AND SERVICE CLEARANCES FOR EQUIPMENT. COORDINATE EQUIPMENT SERVICE ACCESS. CLEARANCES INDICATED ARE BASED UPON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY PIPING, DUCTWORK, ETC., ROUTING PRIOR TO SUBMITTING A BID PROPOSAL AND INCLUDE ANY SUCH COSTS AS REQUIRED TO INSTALL
- WORK AS SHOWN AND INTENDED. 25. CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND BOTH ARE MEANT TO BE COMPLEMENTARY - ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
- 26. VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING DUCTWORK PRIOR TO CONSTRUCTION OR BIDDING.

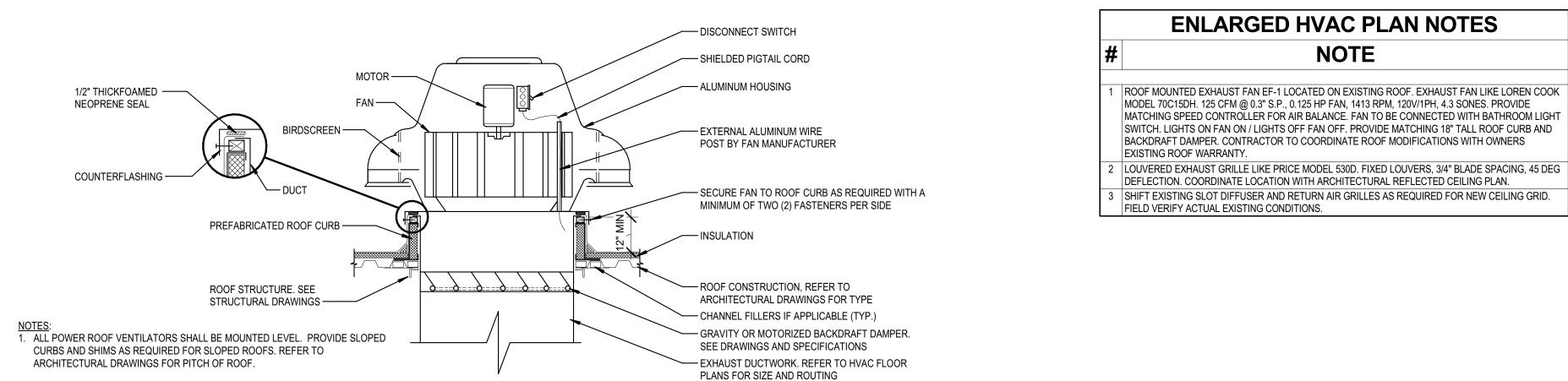
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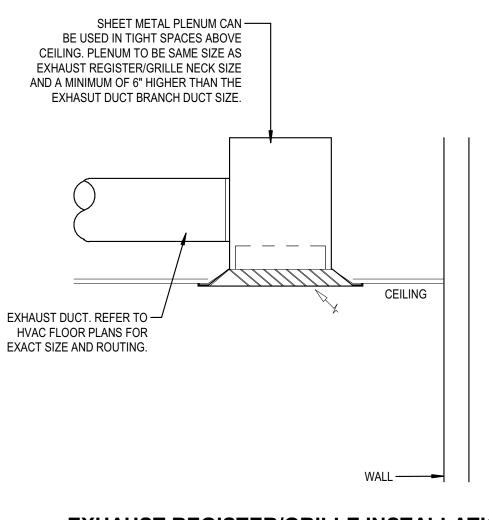




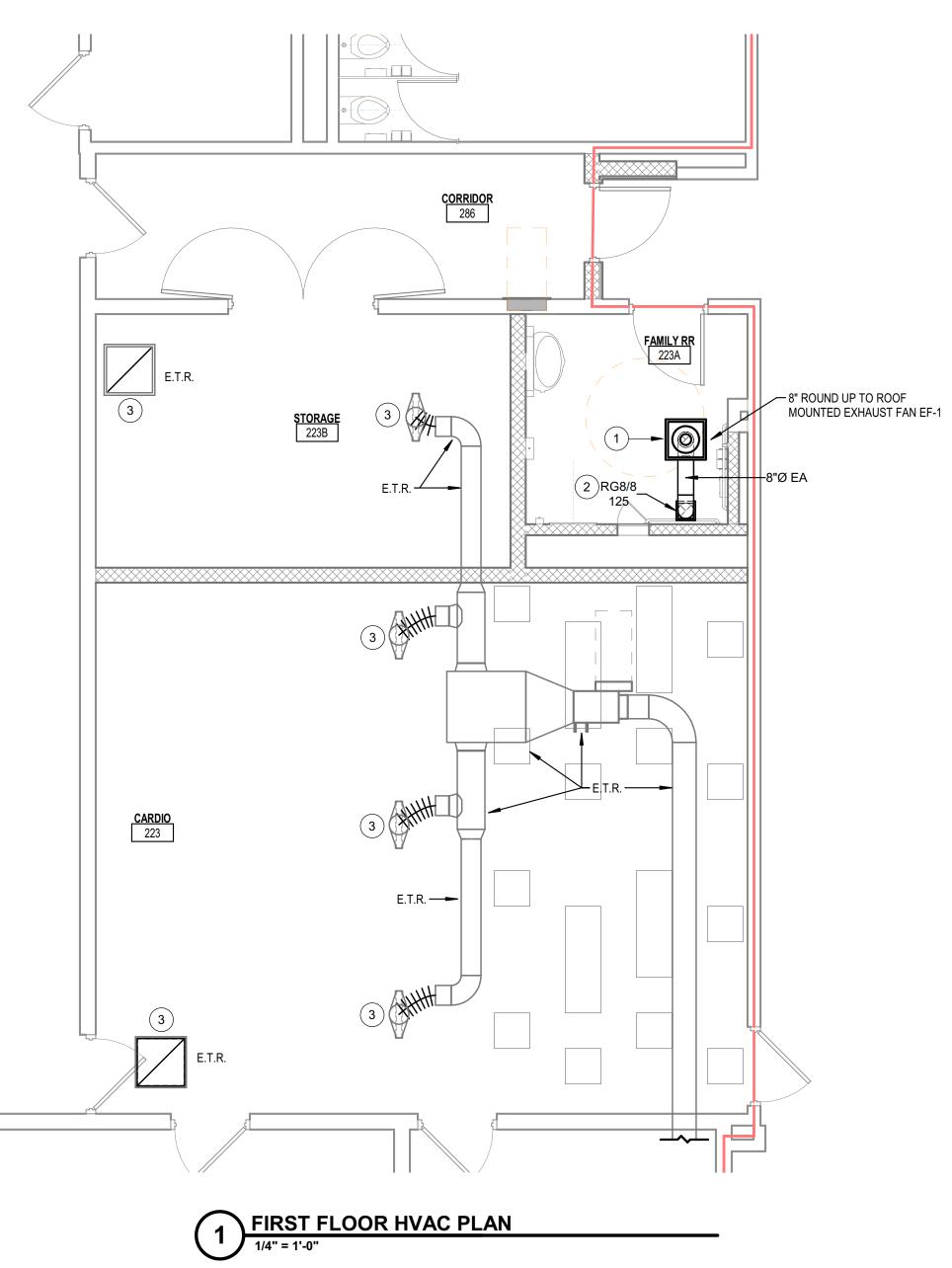


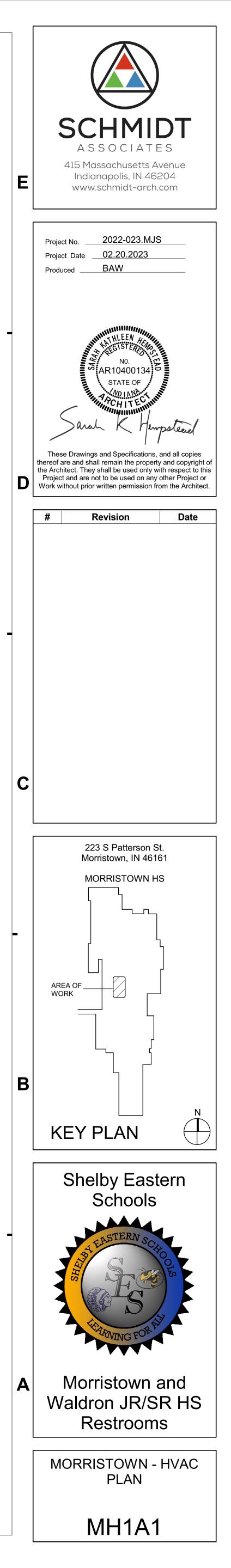


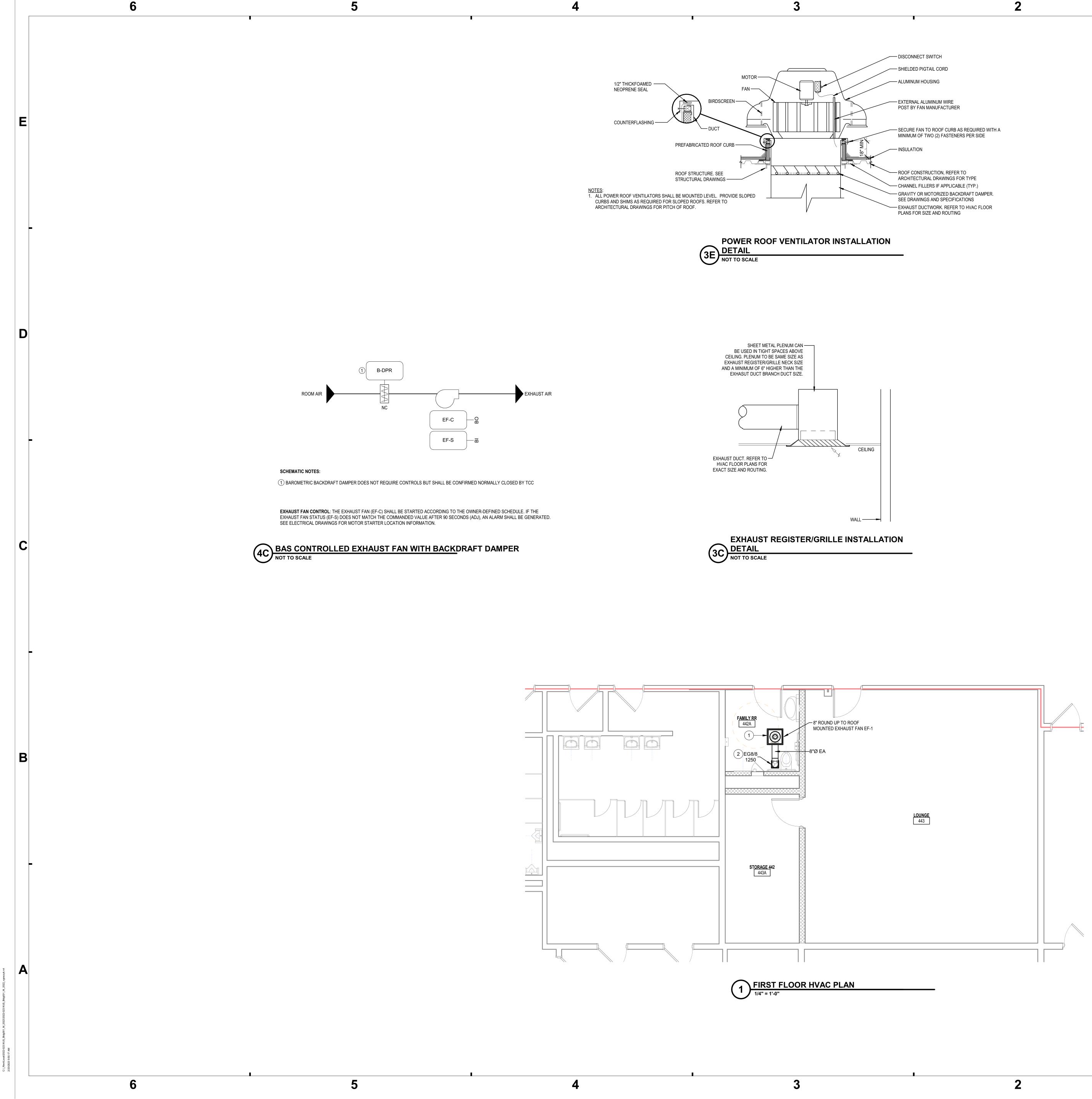




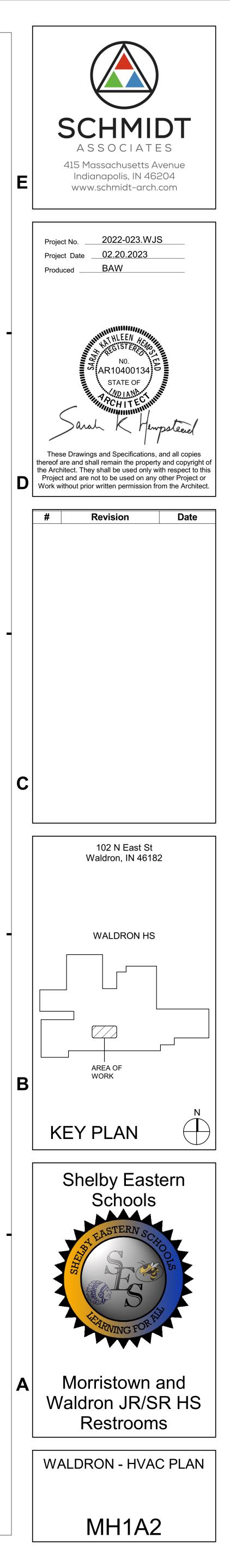
EXHAUST REGISTER/GRILLE INSTALLATION 3C DETAIL NOT TO SCALE

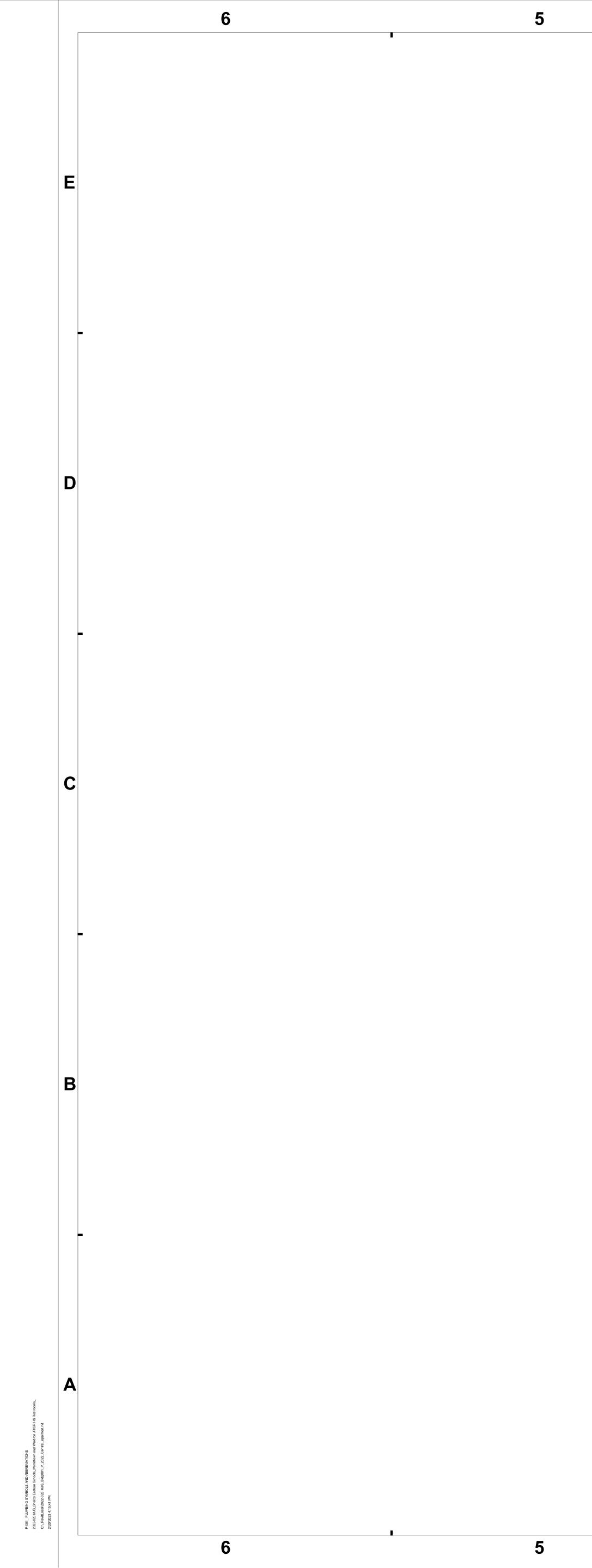






	ENLARGED HVAC PLAN NOTES				
#	NOTE				
1	ROOF MOUNTED EXHAUST FAN EF-1 LOCATED ON EXISTING ROOF. EXHAUST FAN LIKE LOREN COOK MODEL 70C15DH. 125 CFM @ 0.3" S.P., 0.125 HP FAN, 1413 RPM, 120V/1PH, 4.3 SONES. PROVIDE MATCHING SPEED CONTROLLER FOR AIR BALANCE. FAN TO BE CONNECTED WITH BATHROOM LIGHT SWITCH. LIGHTS ON FAN ON / LIGHTS OFF FAN OFF. PROVIDE MATCHING 18" TALL ROOF CURB AND BACKDRAFT DAMPER. CONTRACTOR TO COORDINATE ROOF MODIFICATIONS WITH OWNERS EXISTING ROOF WARRANTY.				
2	LOUVERED EXHAUST GRILLE LIKE PRICE MODEL 530D. FIXED LOUVERS, 3/4" BLADE SPACING, 45 DEG DEFLECTION. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN.				





BBREVIATIONS	

	ABBREVIATIONS
AD	AREA DRAIN
ADA	AMERICAN DISABILITIES ACT
ADJ	ADJUSTABLE
AE	ANESTHESIA EVACUATION
AFF	ABOVE FINISHED FLOOR ALTERNATE
AMP	AMPERE (AMP, AMPS) APPROXIMAT(E), (LY)
ARCH	ARCHITECT (URAL)
APD AV	AIR PRESSURE DROP (IN WG) ACID VENT
AW	ACID WASTE
A	COMPRESSED AIR
BFC	BELOW FINISHED CEILING
BLDG	BUILDING
BOP	BOTTOM OF PIPING
BT	BATHTUB
BTUH	BRITISH THERMAL UNIT PER HOUR
CD	CONDENSATE DRAIN
CFOI	CONTRACTOR FURNISHED/OWNER INSTALLED
CI	CAST IRON
CO	CLEANOUT
CO2	CARBON DIOXIDE
CONN	CONNECTION
CW	COLD WATER (DOMESTIC)
D	DRAIN
DF	DRINKING FOUNTAIN
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWS	DOMESTIC WATER SOFTNER
EC	ELECTRICAL CONTRACTOR
ECO	EXTERIOR CLEANOUT
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
ES	EMERGENCY SHOWER
ET	EXPANSION TANK
EW	EMERGENCY EYEWASH
EWC	ELECTRIC WATER COOLER
EXP	EXPANSION
EXIST	EXISTING
°F	DEGREES FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FH	FIRE HOSE
FHC	FIRE HOSE CABINET
FLR	FLOOR
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY FUEL OIL VENT
FP	FIRE PROTECTION
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FT	FOOT/FEET
FTG	FOOTING
G	NATURAL GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPH GPM	GALLONS PER HOUR GALLONS PER MINUTE
GT	GREASE TRAP
НВ	HOSE BIB
HD	HEAD (FT.)
HO	HUB OUTLET
HORIZ	HORIZONTAL
HWCP	HOT WATER RECIRCULATING PUMP
HR	HOUR
HW	HOT WATER (DOMESTIC)
HWR	HOT WATER RETURN
HZ	FREQUENCY (MEGAHERTZ)
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCL	INCLUD(E), (ED)
INDIC	INDICATOR INSULAT(E), (ED), (ION)
INT	INTERIOR
INV	
KEC	KITCHEN EQUIPMENT CONTRACTOR
KW	KILOWATT
L	LAVATORY
LA	LABORATORY AIR
LAB	LABORATORY
LBS	POUND
LEC	LABORATORY EQUIPMENT CONTRACTOR
LFC	LABORATORY FURNISHINGS CONTRACTOR
LP	LIQUID PETROLEUM
LPC	LABORATORY PLUMBING CONTRACTOR LABORATORY VACUUM
MA	MEDICAL AIR
MAX	MAXIMUM
MB	MOP BASIN
MS	MOP SINK
MBH MC	THOUSANDS OF BTU PER HOUR MECHANICAL CONTRACTOR
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NITROGEN
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC NO	NOT IN CONTRACT NORMALLY OPEN
NTS	NOT TO SCALE
O	OXYGEN
OA	OUTSIDE AIR
OFD	OVERFLOW DRAIN ORAL EVACUATION
OE	
OE OFCI OFOI	OWNER FURNISHED/CONTRACTOR INSTALLED OWNER FURNISHED/OWNER INSTALLED

1

) [
	ABBR	EVI	ATIONS	Ge		
P PC	PUMP PLUMBING CONTRACTOR					
PD PER	PRESSURE DROP (IN OR WG AS NOTED) PERCENT					
PH	PHASE					
PI PIV	PRESSURE INDICATOR POST INDICATOR VALVE					
PLT POC	PLASTER TRAP POINT OF CONNECTION (NEW TO EXISTING)					
PPM PREFAB	PARTS PER MILLION PREFABRICATED					
PRESS PRV	PRESSURE PRESSURE REDUCING VALVE					
PSI	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAUGE					
PSIG PVC	POUNDS PER SQU POLYVINYL CHLOF		H GAUGE			
R	THERMAL RESIST	ANCE				
RCP RD	REINFORCED CONCRETE PIPE -					
RECIR	RECIRCULAT(E), (OR), (ING)					
RH RM	RODDING HOLE ROOM					
RO RPM	REVERSE OSMOS REVOLUTIONS PEI					
SB	SITZ BATH					
SCW	SOFT COLD WATE	R (DOME	STIC)			
SECT SF	SECTION SQUARE FOOT					
SH SHT	SHOWER SHEET					
SK SPEC	SINK SPECIFICATIONS					
SPG SS	SPECIAL GAS STAINLESS STEEL					
SSD	SUB SURFACE (FO		DRAIN			
SSK ST	SERVICE SINK STORAGE TANK					
STD STP	STANDARD STORAGE TANK P	PUMP				
STS, STR STRUCT	STORAGE TANK S STRUCTURE(E), (A		ND RETURN			
SU	SHOWER UNIT	/				
T&P			SURE			
T TEMP	TEMPERED WATE					
TMV TP	THERMOSTATIC M TRAP PRIMER	IIXING VA	ALVE			
TS TYP.	TAMPER SWITCH TYPICAL					
UNO	UNLESS NOTED O	THERWIS	SF			
UR	URINAL					
VA	VOLT AMPERE					
VAC VAR	VACUUM VARIABLE					
VB VC	VACUUM BREAKER VACUUM CLEANING					
VERT VIF	VERTICAL VERIFY IN FIELD					
VT	VITRIFIED TILE VACUUM PUMP DISCHARGE					
VPD VTR	VENT THROUGH R					
VV	VACUUM VENT					
W/ WC	WITH WATER CLOSET					
W.C. WCO	WATER COLUMN WALL CLEANOUT					
WG	WATER GAUGE					
WH W/O	WALL HYDRANT WITHOUT					
WP WPD	WEATHERPROOF WATER PRESSUR	E DROP				
WTR	WATER					
YD	YARD DRAIN					
ZN	ZONE					
FI		ECT	ION SYMBOLS			
	F 0	_	FIRE WATER MAIN			
		_	POST INDICATOR VALVE			
			FIRE DEPT. CONNECTION			
	F	_	FLOW SWITCH			
		_	TAMPER SWITCH			
	0	_	UPRIGHT SPRINKLER HEAD			
•	<u> </u>	_	PENDANT SPRINKLER HEAD			
	0	_	DRY PENDANT SPRINKLER HEAD			
	T	_	SIDEWALL SPRINKLER HEAD			
	•	_	CONCEALED PENDANT SPRINKLER HEAD			
ŽZONE VALVE (OS&Y)						
	ALARM VALVE					
	DRAWIN	G N	OTATIONS			
DEM	DEMO NEW PLAN NOTE					
	3					
M-501 DETAIL REFERENCE						
		SECT	ION REFERENCE			
M-S	301					
	•	NEW	TO EXISTING			
	\bullet	DEMO	DEMO TO THIS POINT			
	T XXX-1	EQUI	PMENT TAG - (SEE SCHEDULE SHEETS)			
~						

OO	RISE IN PIPING
	DROP IN PIPING
	CAPPED PIPE
	PIPE CONTINUED ON ANOTHER DRAWING
→	CHECK VALVE
Ţ	PLUG VALVE
	PRESSURE REGULATING VALVE
X	VALVE - SEE SPECIFICATIONS FOR VALVE TYPE
Г	BUTTERFLY VALVE
₹ 1	ANGLE VALVE
	MANUAL BALANCING VALVE
ť	AUTOMATIC BALANCING VALVE
X	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
 ı	UNION
	THERMOMETER WELL
	THERMOMETER & WELL
	GAUGE CONNECTION(S) & WELL
Ę	MANUAL AIR VENT
₽	AUTOMATIC AIR VENT
TT	PETE'S PLUG
	Y-STRAINER W/BLOWDOWN VALVE & CAP
	PIPE GUIDES
— X — X —	PIPE ANCHORS
	FLEXIBLE PIPING CONNECTOR
	PIPE EXPANSION JOINT
	GAS COCK
A	VACUUM BREAKER (P) = PRESSURE
X	DOMESTIC COLD WATER VALVE BOX
→	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	PRESSURE REDUCING VALVE

PIPING SYSTEMS

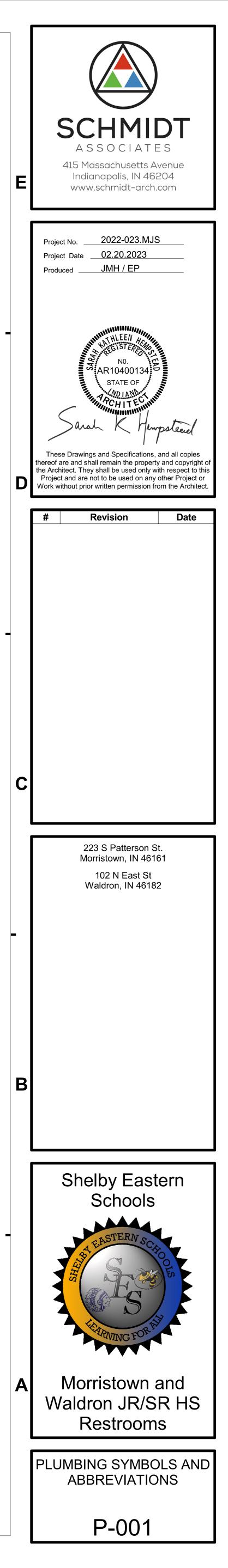
140° HW	140° DOMESTIC HOT WATER
140° HWR	140° DOMESTIC HOT WATER RETURN
160° HW	160° DOMESTIC HOT WATER
160° HWR	160° DOMESTIC HOT WATER RETURN
AV [,]	ACID RESISTANT VENT
AW	ACID RESISTANT WASTE
AIR	AIR
CA	COMBUSTION AIR
CW	DOMESTIC COLD WATER
—HW—	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RETURN
EA	EXHAUST AIR
FPD	FIRE PROTECTION DRY
FP	FIRE PROTECTION OTHER
FPPA	FIRE PROTECTION PRE-ACTION
FPW	FIRE PROTECTION WET
G (6 in-wc)	GAS (6" w.c.)
G (11 in-wc)	GAS (11" w.c.)
G (2 psig)	GAS (2 psig)
G (5 psig)	GAS (5 psig)
	GREASE WASTE
LA	LAB AIR
LCW	LAB COLD WATER
LHW	LAB HOT WATER
	LAB HOT WATER RETURN
LVAC	LAB VACUUM
LVE	LAB VACUUM EXHAUST
N2	NITROGEN
PWR	PURE WATER RETURN
PWS	PURE WATER SUPPLY
RCW	RAW COLD WATER
RO	REVERSE OSMOSIS WATER
ROR	REVERSE OSMOSIS WATER RETURN
SCW	SOFT COLD WATER
SHW	SOFT HOT WATER
ST	STORM
TW	TEMPERED WATER
VAC	VACUUM
	VENT
	WASTE

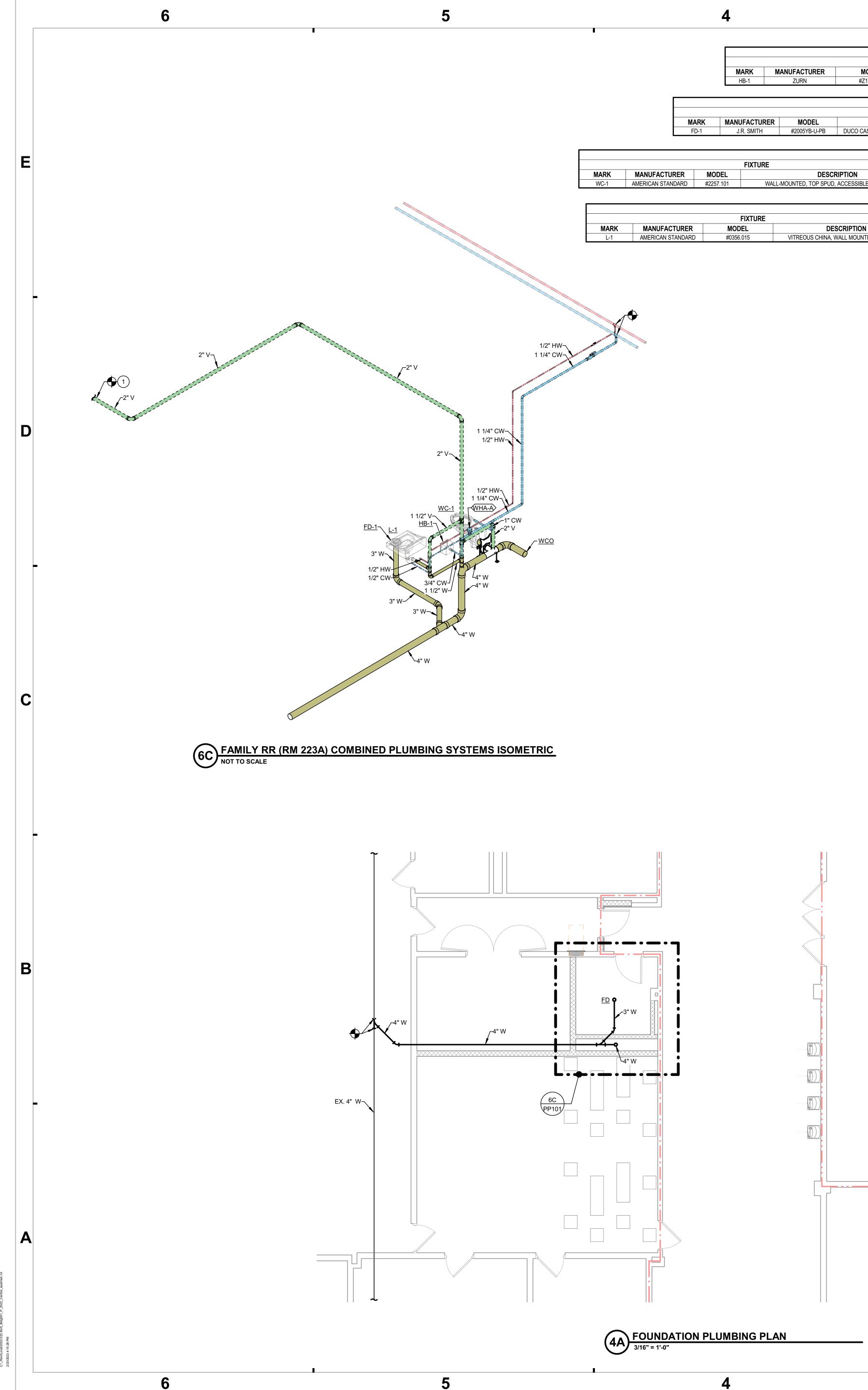
ABANDONED P	IPING SYSTEMS
AV	ABANDONED ACID-RESISTANT VENT
AW	ABANDONED ACID-RESISTANT WASTE
AIR	ABANDONED AIR
CW	ABANDONED COLD WATER
FP	ABANDONED FIRE PROTECTION
GAS	ABANDONED GAS
GW	ABANDONED GREASE WASTE
HW	ABANDONED HOT WATER
HWR	ABANDONED HOT WATER RETURN
N2	ABANDONED NITROGEN
ST	ABANDONED STORM
VAC	ABANDONED VACUUM
V	ABANDONED VENT
W	ABANDONED WASTE

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

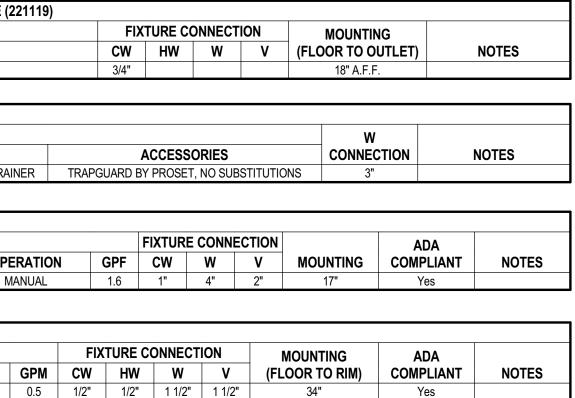
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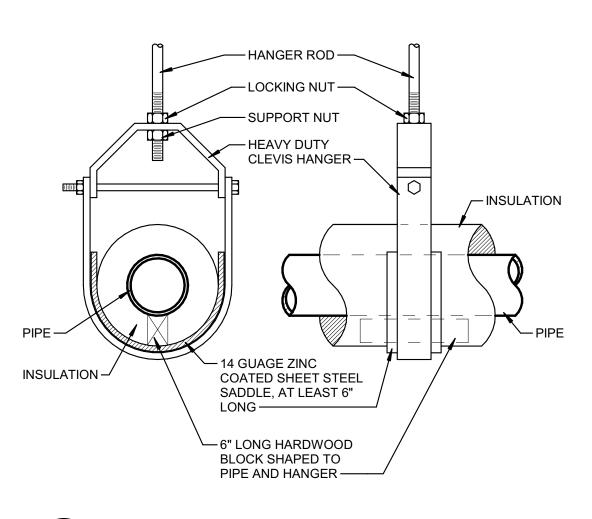
FIXTURE TAG - (SEE SCHEDULE SHEETS)

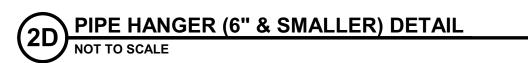




•					•				
						DOME	STIC WATER PIPING SP	ECIALTIES SCHEDU	JLE (22 ²
						IDENTITY DATA			`
			MARK	MANUFACTURER	MODEL		DESCRIPTION		
			HB-1	ZURN	#Z1330-XL		HOSE BIB WITH RECESSE	ED BOX	
	_								
						SANITAR	Y WASTE PIPING SPECI	ALTIES (221319)	
						FIXTURE			
		MARK	MANUFACTURE	MODEL		DESCR			
	L	FD-1	J.R. SMITH	J.R. SMITH #2005YB-U-PB DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE SQUARE STRAINER HEAD, POLISHED BRONZE			D, POLISHED BRONZE	STRAINE	
					COMMERCIAL A	ND RESIDENTIAL WATER O	•		
			FIXTURE					RIM	
MARK	MANUFACTUR		DDEL		RIPTION	MANUFACTURER	MODEL		OPER
WC-1	AMERICAN STANE	ARD #22	57.101 WA	LL-MOUNTED, TOP SPUD	, ACCESSIBLE WATER CLOSET	SLOAN	ROYAL #111-	1.6	MAN
					COMM	ERCIAL AND RESIDENTIAL	LAVATORIES (224100, 2	224216.13)	
			FIXTURE		СОММ	ERCIAL AND RESIDENTIAL	LAVATORIES (224100, 2 TRIM	224216.13)	
MARK	MANUFACT	URER	FIXTURE MODEL	DE	COMM	ERCIAL AND RESIDENTIAL		224216.13) OPERATION	(



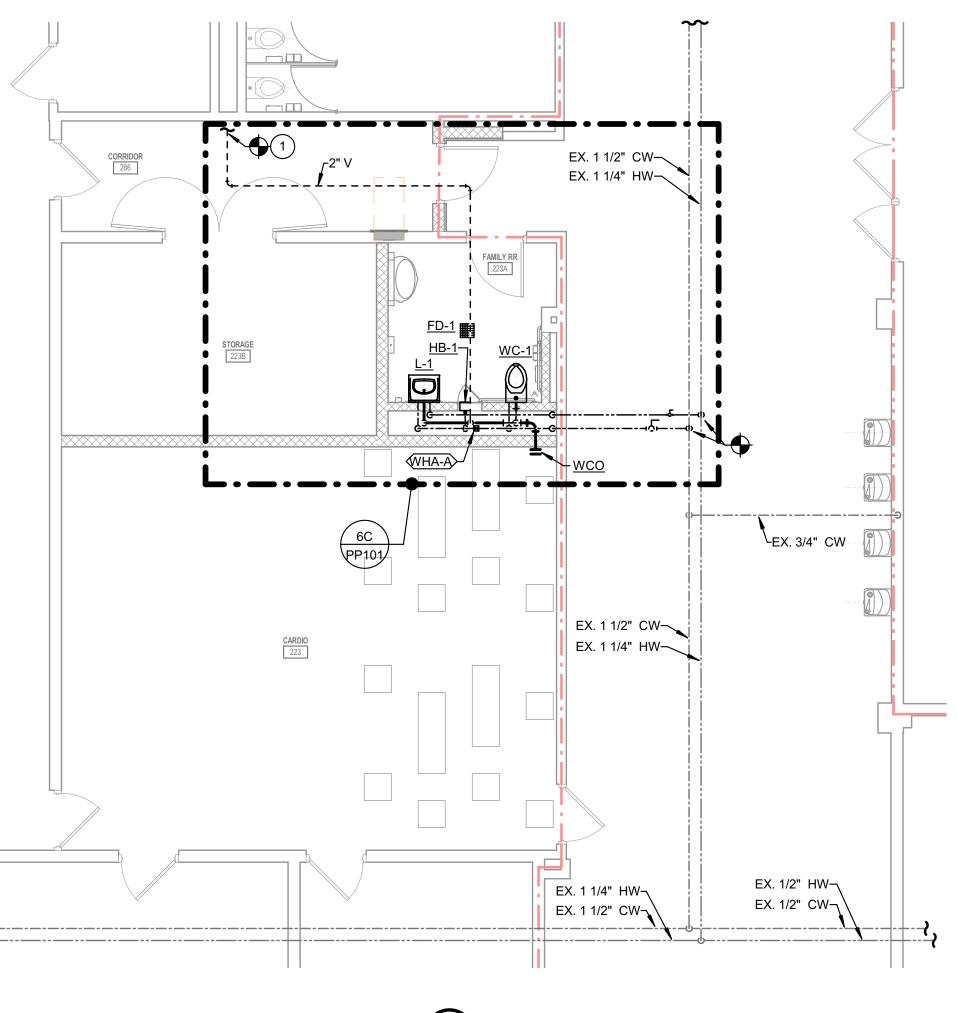




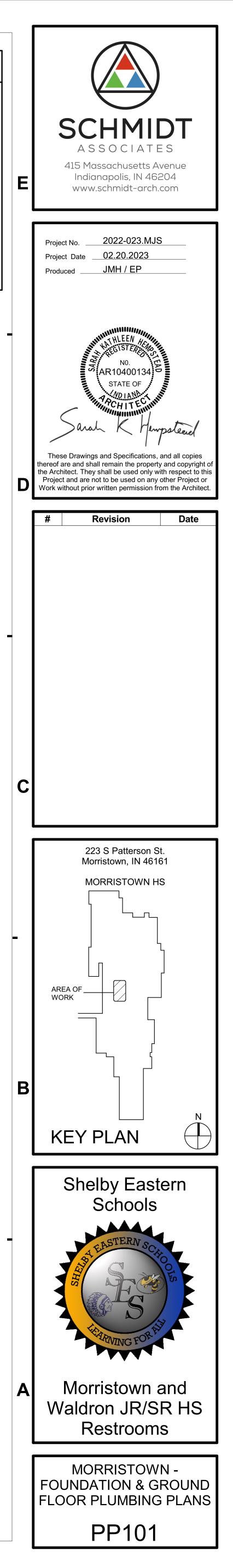
- PLUMBING GENERAL NOTES PIPING LABEL "EX" EXISTING IS TO REMAIN. EXISTING PIPE ROUTING, AS SHOWN ON DRAWINGS, IS BASED UPON RECORD DOCUMENTS AND FIELD SURVEYS. ACTUAL ROUTE OF CONCEALED PIPING MAY VARY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PIPE ROUTING PRIOR TO SAW CUTTING OF FLOOR SLABS.
- CONTRACTOR SHALL JET AND THOROUGHLY FLUSH EXISTING SANITARY SEWERS WHERE DOCUMENTS CALL FOR NEW WASTE PIPE CONNECTIONS.
- ALL UNDERGROUND SANITARY OR STORM PIPING SHOWN TO BE ABANDONED IN PLACE SHALL BE CAPPED AND FILLED WITH FLOWABLE FILL.
- 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.
- IN AREAS WHERE A FULL REMODEL IS INDICATED ON THE DRAWINGS, CONTRACTOR SHALL REMOVE ALL OVERHEAD PIPING AND HANGERS COMPLETE UNLESS OTHERWISE INDICATED. 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.

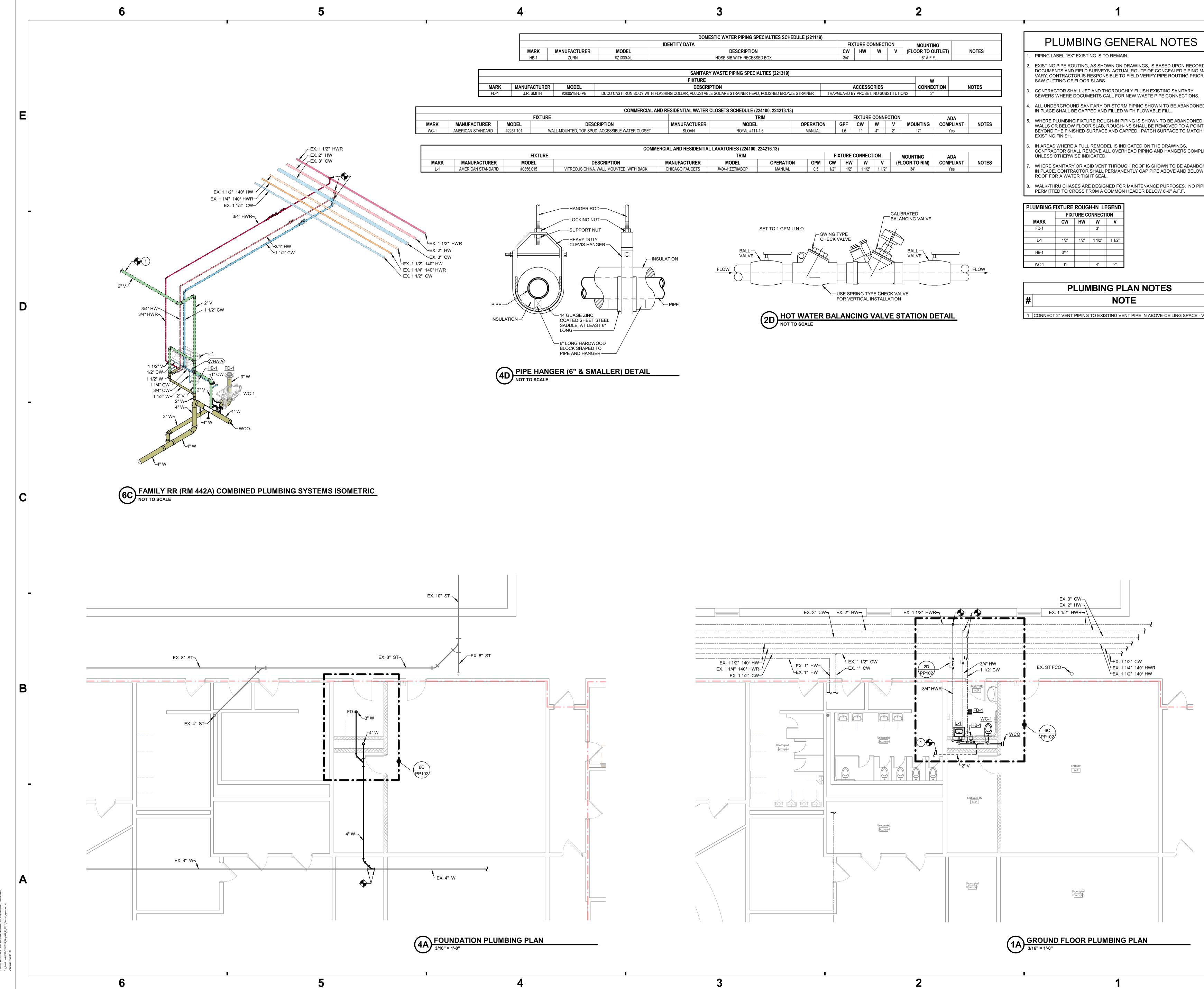
PLUMBING FIXTURE ROUGH-IN LEGEND				
	FIX	TURE C	ONNECT	ION
MARK	CW	HW	W	V
FD-1			3"	
L-1	1/2"	1/2"	1 1/2"	1 1/2"
HB-1	3/4"			
WC-1	1"		4"	2"

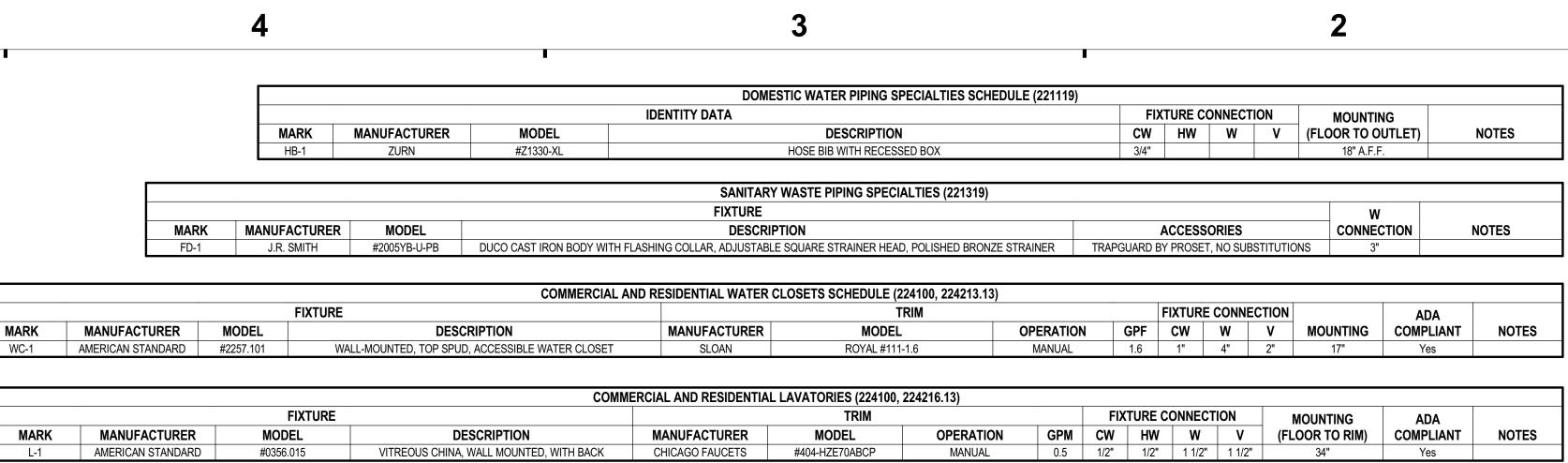
PLUMBING PLAN NOTES			
#	NOTE		
1	CONNECT 2" VENT PIPE TO EXISTING VENT OF EQUAL SIZE OR GREATER ABOVE CEILING NEAR GANG REST ROOM - V.I.F.		



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





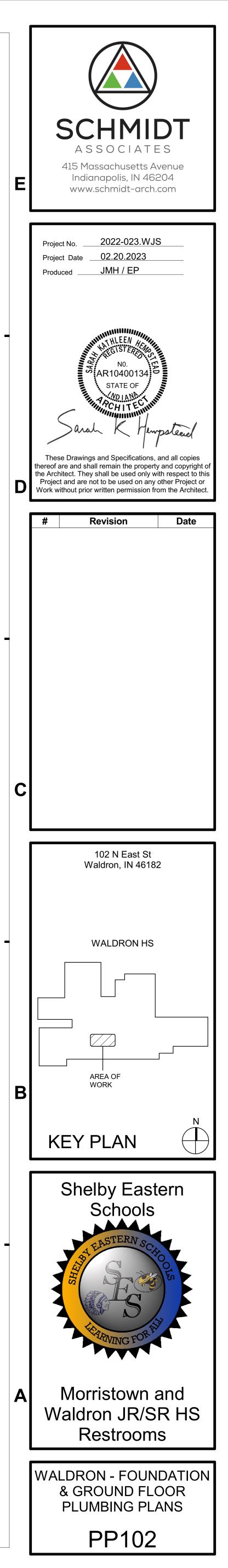


	PLUMBING GENERAL NOTES
1.	PIPING LABEL "EX" EXISTING IS TO REMAIN.
2.	EXISTING PIPE ROUTING, AS SHOWN ON DRAWINGS, IS BASED UPON RECORD DOCUMENTS AND FIELD SURVEYS. ACTUAL ROUTE OF CONCEALED PIPING MAY VARY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PIPE ROUTING PRIOR TO SAW CUTTING OF FLOOR SLABS.
3.	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.
8.	WALK-THRU CHASES ARE DESIGNED FOR MAINTENANCE PURPOSES. NO PIPING PERMITTED TO CROSS FROM A COMMON HEADER BELOW 8'-0" A.F.F.
PL	UMBING FIXTURE ROUGH-IN LEGEND

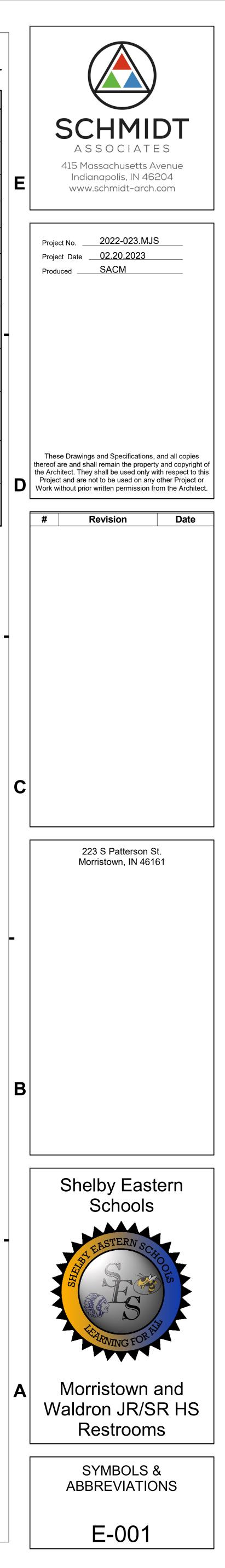
				-
MARK	CW	HW	W	V
FD-1			3"	
L-1	1/2"	1/2"	1 1/2"	1 1/2"
HB-1	3/4"			
WC-1	1"		4"	2"

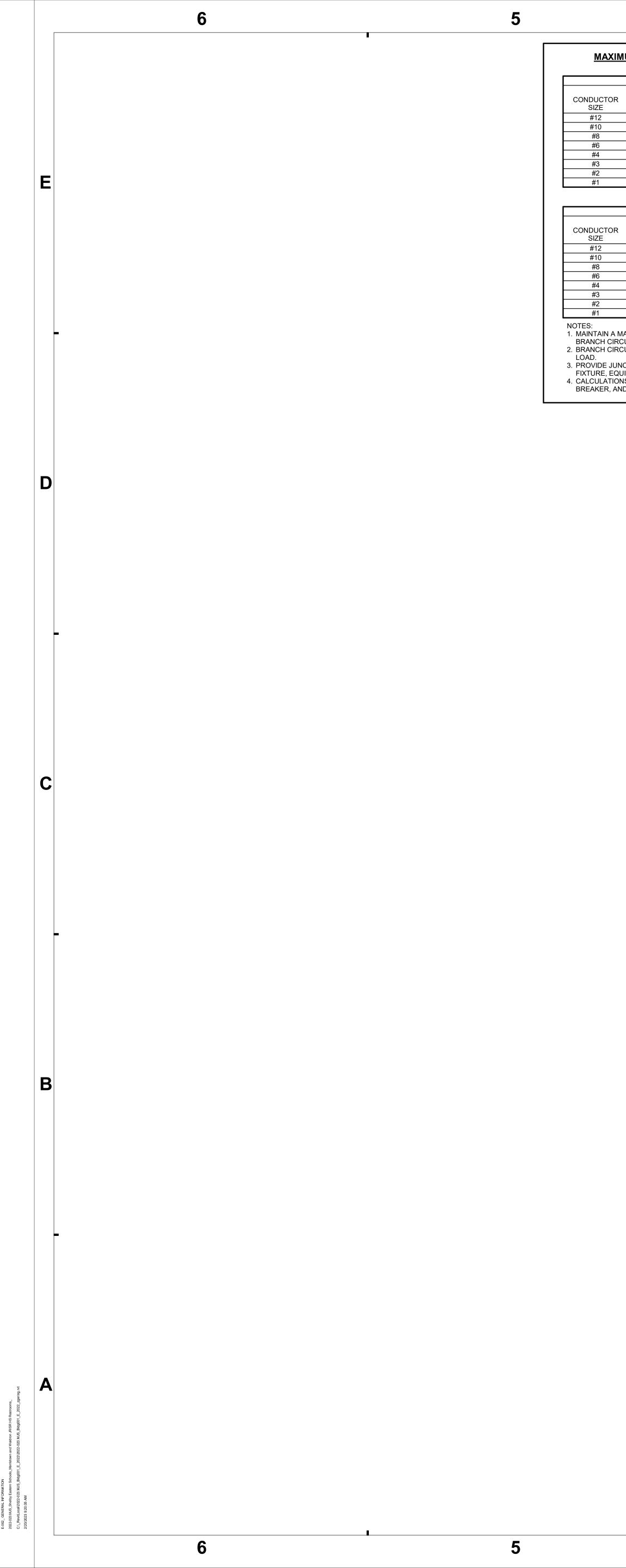
	PLUMBING PLAN NOTES
#	NOTE

1 CONNECT 2" VENT PIPING TO EXISTING VENT PIPE IN ABOVE-CEILING SPACE - V.I.F.



ABBREVIATIONS					ELECTRICAL LEG	GEND & SYMBOLS	WIRING DE							
A AMPERE	FT	FEET; FOOT	OC	OVERCURRENT		DICATE THE FOLLOWING, U.O.N.	SUBSCRIPTS FOR RECEPTA		N BOXES AND OTHER DEVICES INDICATE THE	LIGHTING		G OCCUPANCY	SWITCH/	CONTROL DESCRIPTION
AC ALTERNATING CURRENT; ARMORED CABLE AF AMP SIZE OF CIRCUIT BREAKER FRAME/FUSED SWITC	FTL H FURN	FEED THROUGH LUGS FURNISHED	OD OH	OUTSIDE DIAMETER OVERHEAD		PANEL SWITCHED, U.O.N.	FOLLOWING, U.O.N: F - FLUSH IN FLOOR		L - LOCKING TYPE	WALL	G TYPE 0-10V	SENSOR TYPE	BUTTONS (1)	(1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/C
AFC ABOVE FINISHED COUNTERTOP	FVNR	FULL VOLTAGE NON-REVERSING	OL	OVERLOAD		LIGHT FIXTURE	GFCI - GROUND FAULT CIP		TR - TAMPER RESISTANT S - SURFACE MOUNTED				•	(1) MANUAL LIGHT LEVEL WITH SLIDER
AFF ABOVE FINISHED FLOOR	G/GND	GROUND	P			TYPE AS INDICATED	H - HORIZONTALLY MOUN IG - ISOLATED GROUND	TED	WP - WEATHERPROOF IN-USE X - MOUNTED IN EXISTING OUTLET BOX	WALL	0-10V	DUAL TECH.	(1)	(1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/C (1) MANUAL LIGHT LEVEL WITH SLIDER
AFG ABOVE FINISHED GRADE AHU AIR HANDLING UNIT	GA		PB PC	PULL BOX; PUSH BUTTON PHOTOCELL; PLUMBING CONTRACTOR (DIVISION 22)	Ŷ	WALL MOUNTED FIXTURETYPE AS INDICATED	Φ		SIMPLEX RECEPTACLE	[₽] DS				MANUAL ON / AUTO OFF
AIC AMPERE INTERRUPTING CAPACITY AL ALUMINUM	GC GD	GENERAL CONTRACTOR GARBAGE DISPOSAL	PED PF	PEDESTAL POWER FACTOR		LIGHTING FIXTURE TYPE AS INDICATED	·		NEMA 5-20R, 125V, 20A DUPLEX RECEPTACLE	D _{DL} WALL	LINE VOL	T. N/A	(1)	(1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/C (1) MANUAL LIGHT LEVEL WITH SLIDER
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE ASYM ASYMMETRICAL	GEN GFEP	GENERATOR GROUND FAULT EQUIPMENT PROTECTION	PH/Ø PIV	PHASE POST INDICATOR VALVE		POLE MOUNTED LIGHT FIXTURE	. P 9	P	DOPLEX RECEPTACLE NEMA 5-20R,125V, 20A	WALL WALL	DMX	N/A	MULTI. •	DMX COLOR CHANGING CONTROLLER
AT AMP TRIP SIZE CIRCUIT BREAKER/FUSED SWITCH	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PL POS	PILOT LIGHT	- <u> </u>	TYPE AS INDICATED	⊕ ⊕	ŧ	 DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE NEMA 5-20R,125V, 20A 				•	NICOLAUDIE STICK-CU4
AUX AUXILIARY	Н	HIGH	POS	POSITIVE (+) PRIMARY		TRACK AND TRACK LIGHT FIXTURE		-	DUPLEX RECEPTACLE	\$ _{OS1} WALL	N/A	DUAL TECH.	(1)	(1) MANUAL SWITCH ON/OFF MANUAL ON / AUTO OFF
AVG AVERAGE AWG AMERICAN WIRE GAUGE	HD HDPE	HEAVY DUTY HIGH-DENSITY POLYETHYLENE CONDUIT	PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH		EMERGENCY BATTERY WALL PACK	P 9	P	EMERGENCY CIRCUIT NEMA 5-20R, 125V, 20A	\$ _{OS2} WALL	N/A	DUAL TECH.		(2) MANUAL SWITCH ON/OFF MANUAL ON / AUTO OFF
BATT BATTERY	HOA HORIZ	HAND-OFF-AUTO HORIZONTAL	PT PUH	POTENTIAL TRANSFORMER PROPELLER UNIT HEATER		TYPE AS INDICATED			DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE	¢ WALL		DUAL TECH.	(1)	(1) MANUAL SWITCH ON/OFF
BCP BRANCH CIRCUIT PANELBOARD	HP	HORSEPOWER	PVC	POLYVINYL CHLORIDE CONDUIT		SHADING INDICATES EMERGENCY FIXTURE CONNECTED TO BATTERY	┃ ■ ¶	Þ	 DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE EMERGENCY CIRCUIT NEMA 5-20R, 125V, 20A 	\$OS3		DOAL FLOH.		AUTO ON / AUTO OFF
BKR BREAKER BPS BOLTED PRESSURE SWITCH	HR HT	HR HT	PWR	POWER		INVERTER OR GENERATOR • CONNECT BATTERY INVERTER TO		-		CEILING	N/A	DUAL TECH.	N/A •	MANUAL CONTROLS & AUTO-ON / AUTO-OFF 1000 SQFT COVERAGE
C CONDUIT; CELSIUS	HTP HTR	HEAT PUMP HEATER	QTY	QUANTITY		UNSWITCHED SOURCE IN ADDITION TO SWITCHING INDICATED			 DUPLEX RECEPTACLE SPLIT-WIRE NEMA 5-20R, 125V, 20A 	©1)			•	TWO RELAYS IN POWER PACK
CAB CABINET CB CIRCUIT BREAKER	HZ	HERTZ	R	RESISTANCE RECEPTACLE	-	EXIT SIGN		L	• NEIVIA 5-20N, 125V, 20A	CEILING	N/A	DUAL TECH.		AUTO-ON / AUTO-OFF ONLY
C/C CENTER TO CENTER	ID	INSIDE DIAMETER	REF	REFERENCE		DIRECTIONAL ARROWS AS INDICATED SHADING INDICATES ILLUMINATED	₽ ₽	P P	DUPLEX RECEPTACLE PLUG-LOAD CONTROLLED	02			•	1000 SQFT COVERAGE TWO RELAYS IN POWER PACK
CD CANDELA CF CUBIC FEET	IEEE	INSTIT. OF ELECTRICAL AND ELECTRONICS ENGINEERS	S REFR REQ'D	REFRIGERATOR REQUIRED		 FACE CONNECT TO UNSWITCHED BRANCH CIRCUIT INDICATED 	HALF CONTROLLED CO	FULLY ONTROLLED	• NEMA 5-20R, 125V, 20A		N/A		NI/A	
CL CENTERLINE CLG CEILING		INTERMEDIATE METAL CONDUIT	RLA RMC	RUNNING LOAD AMPS RIGID METAL CONDUIT		END / WALL / CEILING	<u> </u>	• •	DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE PLUG-LOAD CONTROLLED		N/A	DUAL TECH.	•	MANUAL CONTROLS & AUTO-ON / AUTO-OFF 1000 SQFT COVERAGE TWO RELAYS IN POWER PACK
CMU CONCRETE MASONRY UNIT	IN	INCH	RM	ROOM				FULLY	• NEMA 5-20R, 125V, 20A					PLUG-LOAD CONTROL OF RECEPTACLES INDICATED IN ROOM, U.O.N.
COL COLUMN COMB COMBINATION	INSUL INT	INSULATED; INSULATION INTERIOR; INTERNAL	RT RTU	RAINTIGHT ROOF TOP UNIT			CONTROLLED CC	ONTROLLED		CEILING	N/A	PIR	N/A •	MANUAL CONTROLS & AUTO-ON / AUTO-OFF
	INV EL	INVERTED ELEVATION	RVAT	REDUCED VOLTAGE AUTOTRANSFORMER		 POWER DISTRIBUTION PANELBOARD 480Y / 277V; 3Ø, 4W 	φ		SPECIAL RECEPTACLE NEMA CONFIGURATION AS INDICATED ON DRAWING	HB			•	TWO RELAYS IN POWER PACK HIGHBAY COVERAGE
COND CONDUCTOR CONN CONNECTION	J	JOULE	SCCR	SHORT-CIRCUIT CURRENT RATING		FLOOR / SURFACE		0	JUNCTION BOX					
CONTCONTINUOUS; CONTINUEDCONSTCONSTRUCTION	JB	JUNCTION BOX	SCHED SCR	SCHEDULE SHORT CIRCUIT RATING		 POWER DISTRIBUTION PANELBOARD 208Y / 120V; 3Ø, 4W 			JUNCTION BOX JUNCTION BOX UIRECT CONNECTION TO EQUIPMENT	CEILING	N/A	N/A	N/A •	DAY-LIGHT HARVESTING CONTROLLER W/AUTO DIMMIN
CP CONTROL PANEL CPT CONTROL POWER TRANSFORMER	K KCMIL	THOUSAND THOUSAND CIRCULAR MILS	SEC SF	SECONDARY SUPPLY FAN		 FLOOR / SURFACE 								
CT CURRENT TRANSFORMER	КК	KIRK KEY	SF SFB	SUB-FEED CIRCUIT BREAKER		BRANCH CIRCUIT PANELBOARD			 PULLBOX PROVIDE PULLBOXES INDICATED AS A MINIMUM 				<u> </u>	
CUCOPPER; CONDENSING UNITCUHCABINET UNIT HEATER	KO KP	KNOCKOUT KEYPAD	SFL SN	SUB-FEED LUGS SOLID NEUTRAL	_	 208Y/120V OR 480Y/277V; 3Ø, 4W FLUSH / SURFACE 	PB		 MINIMUM PROVIDE ADDITIONAL PULLBOXES, SIZED PER NEC, AS REQUIRED 	FIRE ALA				
CYL CYLINDER	KV KV/A	KILOVOLTS KILOVOLT-AMPERES	SP SPD	SINGLE-POLE SURGE PROTECTION DEVICE		TERMINAL CABINET, TYPE AS NOTED			FLUSH JUNCTION BOX WITH FURNITURE FEED	SUBSCRIPTS FOR FIR		EM DEVICES INDICAT	TE THE FOLLOWING,	U.O.N:
D DEEP; DEPTH		KILOVOLT-AMPERES REACTIVE	SPDT	SINGLE-POLE, DOUBLE-THROW	<u> </u> ━ ━	ON DRAWINGS • FLUSH / SURFACE			ADAPTING CONNECTOR MOUNTED AT 6" A.F.F.	WP - WEATHERPROO X - MOUNTED IN EXIS	F	OX		
DB DIRECT BURIED DC DIRECT CURRENT	KW KWHR	KILOWATTS KILOWATT-HOURS	SPEC SPST	SPECIFICATION SINGLE-POLE, SINGLE-THROW		DRY- TYPE TRANSFORMER, RATING AS	<u>.</u>	P	SURFACE-MOUNTED RACEWAY RECEPTACLES IN LOCATIONS INDICATED	FACU	FACU	FIRE AL	ARM CONTROL UNIT	
DED DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT DEMO DEMOLISH; DEMOLITION		LENGTH: LONG	SQ SQ FT	SQUARE SQUARE FEET		INDICATED • HOUSEKEEPING PAD			WIREWAY			• FLUSH /	/ SURFACE	
DIA DIAMETER	LA	LIGHTNING ARRESTOR	SQ IN	SQUARE INCH		SWITCHBOARD W/MAIN CIRCUIT BREAKER SECTION		-	WIREWAY WALL MOUNTED U.O.N.	RACU	RACU		E FIRE ALARM CONT / SURFACE	ROL UNIT
DIAG DIAGONAL DISC DISCONNECT	LB LCP	POUND LIGHTING CONTROL RELAY PANEL	SQ YD SS	SQUARE YARD STAINLESS STEEL		HOUSEKEEPING PAD	FB		FLOOR BOX				ARM ANNUNCIATOR	
DISTR DISTRIBUTION DN DOWN	LED	LIGHT EMITTING DIODE	S/S ST	START-STOP SHUNT TRIP			\$		SINGLE POLE SWITCH	FAA	FAA		/ SURFACE	
DPDT DOUBLE-POLE, DOUBLE-THROW	LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT	STD	STANDARD	ATS	AUTOMATIC TRANSFER SWITCH	\$3		THREE-WAY SWITCH		Л	MANUAI	L PULL STATION	
DPSTDOUBLE-POLE, SINGLE-THROWDWDISHWASHER	LM LOTO	LUMEN LOCK-OUT TAG-OUT	STP SURF	SHIELDED TWISTED PAIR SURFACE		WORKING CLEARANCE ABOUT	\$		FOUR-WAY SWITCH					
DWG DRAWING	LRA	LOCKED ROTOR AMPS LONG-SHORT-INSTANTANEOUS	SW SWBD	SWITCH SWITCHBOARD		ELECTRICAL EQUIPMENT	¢4		SINGLE POLE SWITCH W/ PILOT LIGHT	V S	V S	SPEAKE WALL / (
EA EACH	LSIG	LONG-SHORT-INSTANTANEOUS-GROUND FAULT	SYM	SYMMETRICAL		ELECTRIC MANHOLE	ΨP 						ER/STROBE	
ECELECTRICAL CONTRACTOR; DIVISIONS 26-28EFEXHAUST FAN	LT LTG	LIGHT; LIQUIDTIGHT LIGHTING	т	TEMPERATURE; TRANSFORMER	МЕМН		\$ _{3P}		THREE-WAY SWITCH WITH PILOT LIGHT			• WALL/0		
EGBELECTRICAL GROUND BAREGCELECTRICAL GROUNDING CONDUCTOR	LV	LOW VOLTAGE	TB	TERMINAL BLOCK TIME CLOCK		GROUND ROD	\$ _K		KEY OPERATED SINGLE POLE SWITCH		Ă	HORN WALL / 0		
EHD ELECTRIC HAND DRYER		MANUAL	TCC	TEMPERATURE CONTROL CONTRACTOR		MOTOR - "M" INDICATES HORSEPOWER	\$ _{3K}		KEY OPERATED THREE-WAY SWITCH			HORN/S WALL/0		
ELEC ELECTRICAL ELEV ELEVATOR; ELEVATION	MAT MAX	MATERIAL MAXIMUM	TD	TEMPERATURE CONTROL PANEL TIME DELAY			GENERAL RO	OUGH-IN	I MOUNTING HEIGHT		<u> </u>	VISUAL		
EM EMERGENCY EMT ELECTRICAL METALLIC TUBING	MC MCA	MECH. CONTRACTOR (DIV. 23); METAL CLAD CABLE MINIMUM CIRCUIT AMPACITY	TR TS	TAMPER-RESISTANT TAMPER SWITCH		HEAVY-DUTY, NON-FUSED DISCONNECT SWITCH (DS-#)		NO	TES	Ĭ I I I I I I I I I I I I I	X	• WALL/		
ENCL ENCLOSURE	MCB	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER	TYP	TYPICAL		HEAVY-DUTY, FUSED DISCONNECT	#	Ν	OTES	E S	Z 31	BELL W WALL	ITH VISUAL INDICATO	DR
ENG ENGINE EO ELECTRICALLY OPERATED	MCC	MOLDED CASE CIRCUIT BREAKER	UC	UNDERCOUNTER; UNDERCABINET		SWITCH (DS-#)			SPECTS OF ADA STANDARDS FOR 17.1 IS REQUIRED OF ALL PROJECTS AND		-		DETECTOR	
EPO EMERGENCY POWER OFF EQ EQUAL		MAIN DISTRIBUTION PANELBOARD MECHANICAL	UG UL	UNDERGROUND UNDERWRITERS LABORATORY		COMBINATION MOTOR STARTER AND DISCONNECT SWITCH (MS-#)	ACTIVITIES.		FOR TYPICAL DEVICES, UNLESS NOTED OR		E S	CEILING		
EQUIP EQUIPMENT ERM ENERGY REDUCTION MAINTENANCE SWITCH	MED	MEDIUM MAIN ELECTRICAL GROUND BAR	UNFIN UNO	UNFINISHED UNLESS NOTED OTHERWISE		VARIABLE FREQUENCY DRIVE (MS-#)		NG HEIGHTS OF	ANY DEVICES WHICH ARE NOT INDICATED		Ē	HEAT D CEILING	ETECTOR G	
EST ESTIMATED	MEGB	MANUFACTURING	UTIL	UTILITY			BY ARCHITECT OR ANI D REFERENCE DIVISION		3, AND 27 FOR ADDITIONAL MOUNTING				NATION SMOKE / HEA	
ETR EXISTING TO REMAIN EWC ELECTRIC WATER COOLER	MFR MFS	MANUFACTURER MAIN FUSED SWITCH	UTP UV	UNSHIELDED TWISTED PAIR UNIT VENTILATOR	\$ _{MS-#}	FRACTIONAL HOURSEPOWER MANUAL CONTROLLER WITH THERMAL OVERLOADS (MS-#)				L	El SR	• CEILING		
EWH ELECTRIC WATER HEATER EXP EXPOSED	MH	MANHOLE; MOUNTING HEIGHT		VOLT		EMERGENCY POWER OFF BUTTON	MOUNTING	HEIGH	HTS		D S	• DUCT D	ETECTOR - SUPPLY	DUCT
EX EXISTING		MISCELLANEOUS	VA	VOLT AMPERES			SYMBOL	MOUNTING HEI	GHT ABOVE FINISHED FLOOR (U.O.N.)		D T R	DUCT D	ETECTOR - RETURN	DUCT
EXT EXTERIOR	MLO MOCP	MAIN LUGS ONLY MAXIMUM OVERCURRENT PROTECTION	VAR VERT	VOLT AMPERES REACTIVE VERTICAL		PUSH BUTTON CONTROL STATION	₽₽₽₽							
F FUSED; FAHRENHEIT FA FIRE ALARM	MSB	MAIN SWITCHBOARD MOUNTED	VFD	VARIABLE FREQUENCY DRIVE VANDAL GUARD	∃∟	I		+6" ABOVE TO RECEPTACLE	OP OF COUNTERTOP TO BOTTOM OF		R		HOLD RELEASE DEVI ED BY DIVISION 8	CE
FAA FIRE ALARM ANNUNCIATOR		MOUNTING	VIF	VERIFY IN FIELD	CONDUIT & FEE	DER	⊕ ⊕ ⊕ ⊕	 +18" TO CEN 	TER OF RECEPTACLE		R		SSABLE RELAY MOD	ULE FOR
FACUFIRE ALARM CONTROL UNITFBFLOOR BOX	MTS MV	MANUAL TRANSFER SWITCH MEDIUM VOLTAGE	VM VP	VENDING MACHINE VANDAL PROOF		UNDERGROUND ELECTRICAL			OP OF COUNTERTOP TO BOTTOM OF	<u> </u>	<u></u>			
FC FOOT-CANDLE FCU FAN COIL UNIT	MVA MVAR	MEGAVOLT AMPERES MEGAVOLT AMPERES REACTIVE	VR VUV	VANDAL RESISTANT VERTICAL UNIT VENTILATOR			₽₽₽₽₽	RECEPTACLE			S	• SPRINK	LER SYSTEM TAMPE	R SWITCH
FD FUSED DISCONNECT	MW	MEGAVOLT AMPERES REACTIVE MEGAWATTS; MICROWAVE OVEN				OVERHEAD ELECTRICAL SERVICE	P	FLUSH TO CE	EILING	Ē	5	SPRINK	LER SYSTEM FLOW	SWITCH
FDNFOUNDATIONFDRFEEDER	N	NEUTRAL	W W/	WIDE; WIRE; WATT WITH		CONDUIT - TURNED UP	SO1, SO2, SO3, \$ 3, 4, P, 3P, K, 3K	• +46" TO CEN	TER OF LIGHT SWITCH / CONTROLS	L	<u> </u>			
FIN FINISHED	N/A	NOT APPLICABLE NORMALLY CLOSED	W/O	WITHOUT WIRE GUARD			D1, D2, D3, DMX	 +46" TO CFN⁻ 	TER OF DIMMER / CONTROLS	Ē	25	• SPRINK	LER SYSTEM PRESS	URE SWITCH
FLA FULL LOAD AMPS	NC NEG	NEGATIVE (-)	WP	WEATHERPROOF		CONDUIT - TURNED DOWN			-		P]	POST IN	NDICATOR VALVE	
FLEXFLEXIBLEFLRFLOOR	NEMA NF	NATIONAL ELECTRICAL MANUFACTURERS ASSOC. NON-FUSED DISCONNECT SWITCH	WT	WATERTIGHT; WEIGHT		HOMERUN TO PANEL WITH CIRCUIT	φ φ		E MOUNTING HEIGHT WITH EQUIPMENT IF ED ON DRAWING					
FM FACTORY MUTUAL FMC FLEXIBLE METAL CONDUIT	NIC	NOT IN CONTRACT		TRANSFER TRANSFORMER					TER OF EMERGENCY SHUT-OFF	PANELB			2	
FPB FAN POWERED BOX	NM	NON-METALLIC SHEATHED CABLE				GROUND CONDUCTOR			TOM OF WALL MOUNTED FIRE ALARM DEVICE					DARDS
FS FLOW SWITCH FTL FEED THROUGH LUGS	NO NTS	NORMALLY OPEN; NUMBER NOT TO SCALE	Y	WYE		PHASE CONDUCTOR	999月99月			<u>12A1</u>	TIAL PANEL NUM	<u> 1 2 A DP</u>		
•·	<u> </u>				┛┟────′			• +46" TO CEN	TER OF MANUAL PULL STATION	FLOOR PL A - UNI	LAN UNIT T A			ANELBOARD"
-					————	NEUTRAL CONDUCTOR			PECIFICATIONS AND 'GENERAL SYMBOLS & ONS NOTES (ALL DRAWINGS)'	B - UNI VOLTAGE	ТВ		A - UNIT A B - UNIT B	
						ONE-LINE DIAGRAM EXISTING FEEDER & CONDUIT			OF POWER DISTRIBUTION PANELBOARD'S	2 - 208) 4 - 480) EL OOR NI	(/277V			
						EXISTING FEEDER & CONDUIT ONE-LINE DIAGRAM	KXXI (ZZJ	TRIM		FLOOR NI B - BAS 1 - 1ST	EMENT		4 - 480Y/277V ——FLOOR NUMBER B - BASEMENT	
						 ONE-LINE DIAGRAM DEMOLISHED FEEDER & CONDUIT 		• +72" TO TOP	OF PANELBOARD'S TRIM		FLOOR		B - BASEMENT 1 - 1ST FLOOR 2 - 2ND FLOOF	
						 ONE-LINE DIAGRAM NEW (NORMAL) FEEDER & CONDUIT 		• +72" TO TOP	OF EQUIPMENT					
						NEW (NORMAL) FEEDER & CONDUIT ONE-LINE DIAGRAM		• +72" TO TOP	OF EQUIPMENT				<u> </u>	
						 ONE-LINE DIAGRAM NEW (EMERGENCY) FEEDER & CONDUIT 			TER OF MOTOR STARTER TOGGLE SWITCH	ANNOTA	HON S			
					F###	ONE-LINE DIAGRAM & FLOOR PLANS NEW FEEDER & CONDUIT SIZE				PAN	EL-CKT	CIRCUIT	T TAG	
						REFER TO 'FEEDER & BRANCH CIRCUIT SCHEDULE (COPPER)' OR				/		• ROOM (CIRCUIT TAG	
						'FEEDER SCHEDULE (ALUMINÚM)' BASED ON SPECIFICATIONS AND				(PANI	EL-CKT			
						PROVIDE BOTH FEEDER AND CONDUIT SIZE INDICATED								
						CONDUIT SIZE INDICATED]							





MAXIMUM BRANCH CIRCUIT CONDUCTOR LENGTHS (FEET)

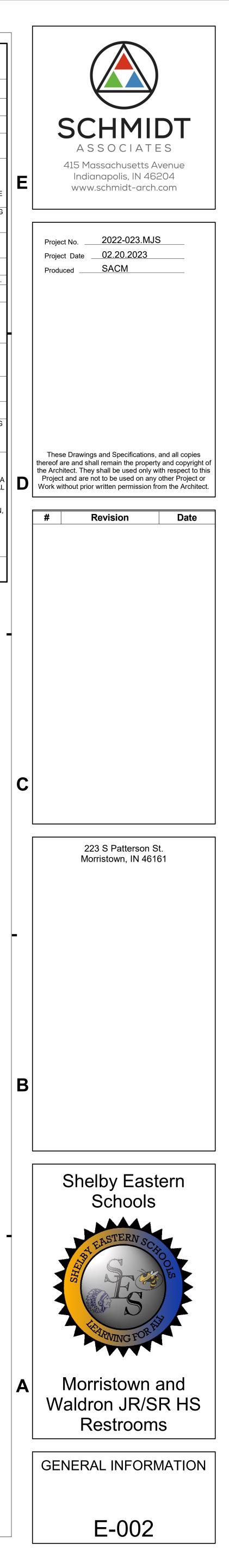
SINGLE PHASE										
BRANCH CIRCUIT BREAKER SIZE										
120 \	/OLT	208 \	/OLT	277 \	/OLT	480 \	/OLT			
20A-1P	30A-1P	20A-2P	30A-2P	20A-1P	30A-1P	20A-2P	30A-2P			
55	N/A	100	N/A	135	N/A	230	N/A			
95	65	165	110	220	145	385	255			
145	95	255	170	340	225	590	390			
230	150	400	265	535	355	925	615	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

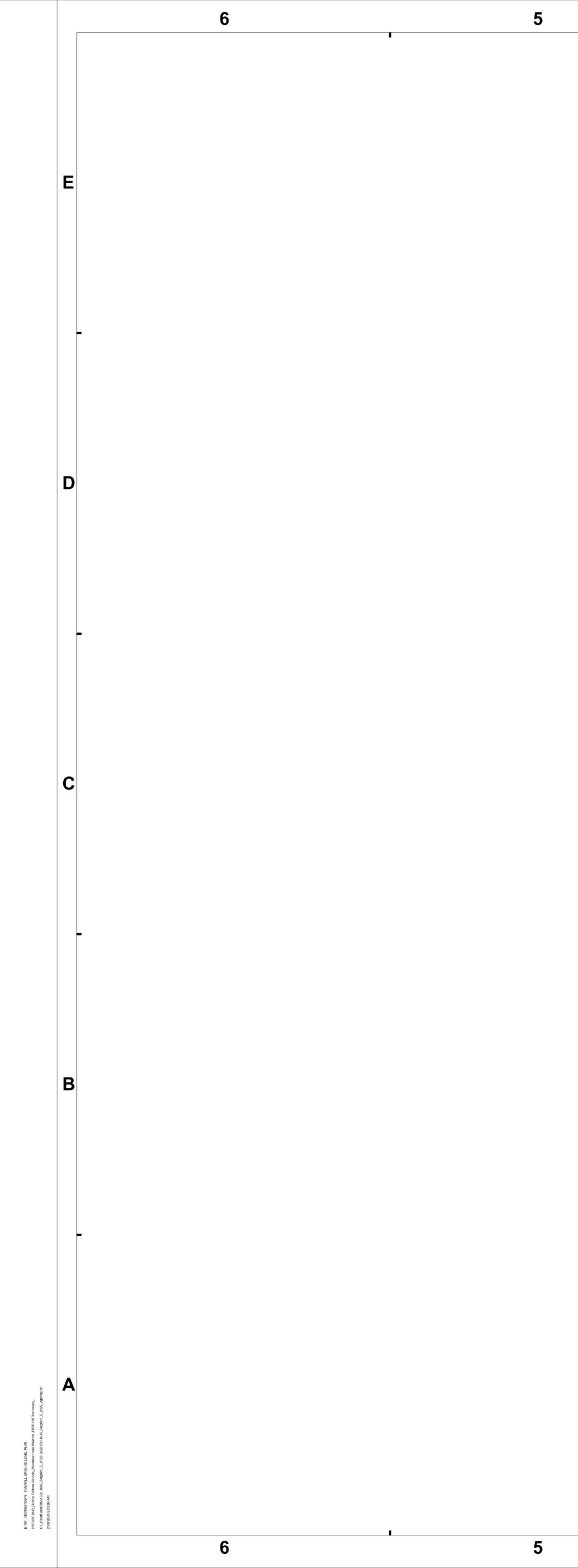
THREE PHASE								
BRANC	CIRCUI	T BREAKER SIZE						
208 \	/OLT	480 VOLT						
20A-3P	30A-3P	20A-3P	30A-3P					
115	N/A	270	N/A					
190	125	445	295					
295	195	680	455					
460	305	1070	710					
715	475	1655	1105					
880	585	2030	1350					
1080	720	2500	1665					
1325	880	3060	2040					

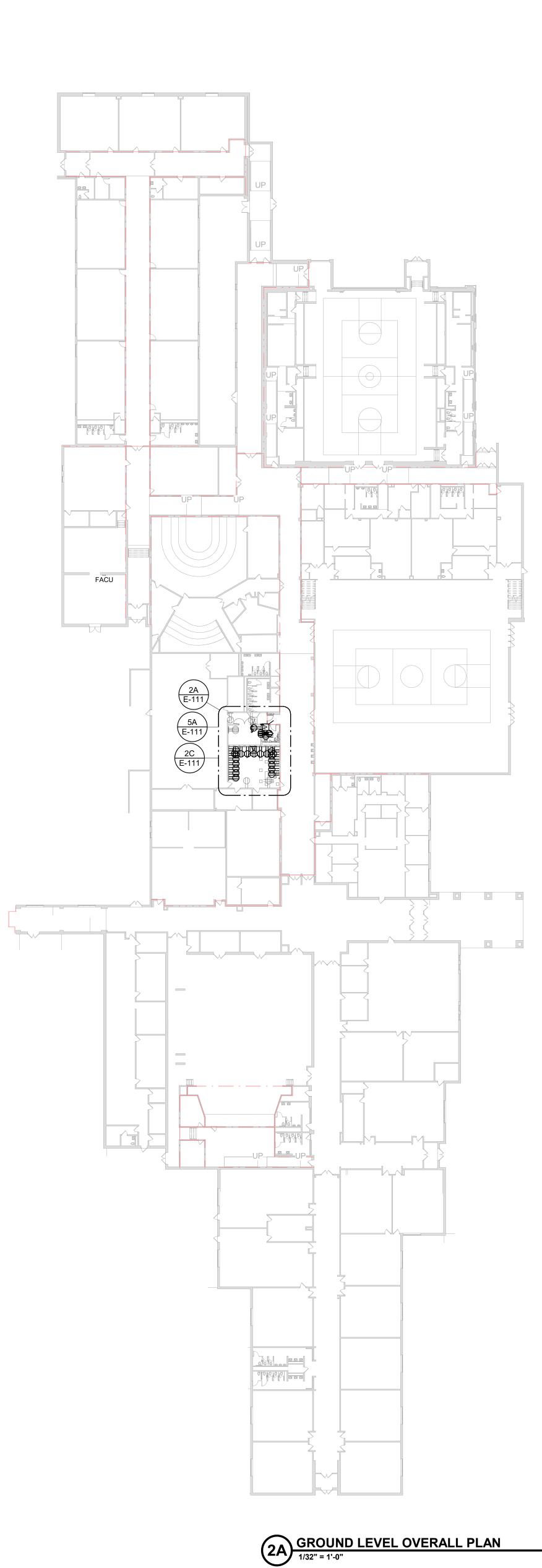
 MAINTAIN A MAXIMUM VOLTAGE DROP OF 3%. ADJUST CONDUCTOR SIZE PER MAXIMUM BRANCH CIRCUIT LENGTH.
 BRANCH CIRCUIT LENGTHS ARE BASED ON CONDUCTOR DISTANCE FROM PANELBOARD TO LOAD.
 PROVIDE JUNCTION BOX TO MAKE WIRE TRANSITION FOR FINAL TERMINATION ON DEVICE, FIXTURE, EQUIPMENT, ETC.
 CALCULATIONS BASED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

FE	EDER & E	BRANCH CI	RCUITS	SCHEDU	JLE (CO	PPER)		
	CONDUIT SIZE & QUANTITY							
FEEDER/BRANCH CIRCUIT LABEL		IDUIT EQUIP/SERV GROUND	1P,1N,1G 2P,1G	2P,1N,1G 3P,1G	3P,1N,1G 3P,1N	3P,2N,1G	3P,3N,1G	3P,1N,2
F20	12	12	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"
F40	8	10	3/4"	3/4"	1"	1"	1"	1"
F50	6	10	1"	1"	1"	1-1/4"	1-1/4"	1"
F60	4	10	1"	1"	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"	1-1/4"
F80	3	8	1"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/4"
F90	2	8	1"	1-1/4"	1-1/2"	1-1/2	2"	1-1/2"
F100	1	8	1-1/4"	1-1/2"	1-1/2"	2"	2"	2"
F110	1	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"
F125	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"
F150	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"
F175	2/0	6	1-1/2"	2"	2"	2-1/2"	2-1/2"	2"
F200	3/0	6	1-1/2"	2"	2"	2-1/2"	3"	2-1/2"
F225	4/0	4	2"	2"	2-1/2"	3"		2-1/2"
F250	250	4	2"	2-1/2"	3"	3"		3"
F300	350	4	2"	2-1/2"	3"	3-1/2"		3"
F350	500	3	2-1/2"	3"	3-1/2"	4"		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
F450	4/0	2	(2) 2"	(2) 2"	(2) 2-1/2"	(2) 3"		(2) 2-1/2
F500	250	2	(2) 2"	(2) 2-1/2"	(2) 3"	(2) 3"		(2) 3"
F600	350	1	(2) 2-1/2"	(2) 3"	(2) 3"	(2) 3-1/2"		(2) 3"
F700	500	1/0	(2) 2-1/2"	(2) 3"	(2) 3-1/2"	(2) 4"		(2) 3-1/2
F800	350	2/0	(3) 2-1/2"	(3) 3"	(3) 3"	(3) 3-1/2"		(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 CHEDULE NOTES (COPPER & ALUMINUM)		GENERAL REQUIREMENTS NOTES (ALL DRAWINGS)
#	NOTES	#	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.	A B	APPLICABLE CODE: 2009 INDIANA ELECTRICAL CODE (2008 NEC WITH AMMENDMENTS). CONNECT ALL LIGHTING FIXTURES WITHIN ROOM TO INDICATED SWITCH AND
В	REFER TO SPECIFICATIONS FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.		BRANCH CIRCUIT, U.O.N.
C	REFER TO SPECIFICATIONS FOR TYPE OF RACEWAY. FOR ALL NEW AND EXISTING CONDUIT INSTALLATIONS, REFER TO THE NEC FOR	С	WHERE MULTIPLE SWITCHES, RECEPTACLES, AND OTHER OUTLETS (EXCEPT PHONES) ARE INDICATED, PROVIDE MULTI-GANGEBACK OUTLET BOXES WITH GANG BARRIERS AND A COMMON FACEPLATE FOR SIMILIAR DEVICES.
D	CONDUIT AND TUBING FILL TABLES. IN LOCATIONS, 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 IT'S ENTIRETY TO SATISFY THE NEC CONDUIT AND TUBING FILL TABLES.	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	ANY CONDUIT AND/OR CONDUCTOR SIZE DEVIATIONS FROM THIS SCHEDULE, OR INDICATED ON DRAWINGS, MUST BE APPROVED BY THE ENGINEER IN WRITING.	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.
		Н	ALL EXIT FIXTURES AND FIXTURES INDICATED WITH "NL" SHALL BE UNSWITCHED.
		Ι	INSTALL NO MORE THAN THREE PHASE CONDUCTORS (PLUS NEUTRALS AND GROUND) PER CONDUIT UNLESS T310-15 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.
		К	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.
		М	MAKE FINAL CONNECTION BETWEEN DISCONNECT AND EQUIPMENT BEING SERVED BY FEEDER OR BRANCH CURRENT.
		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.
		0	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, WHICH EVER 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.
		Р	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.







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 GENERAL OVERALL BUILDING NOTES

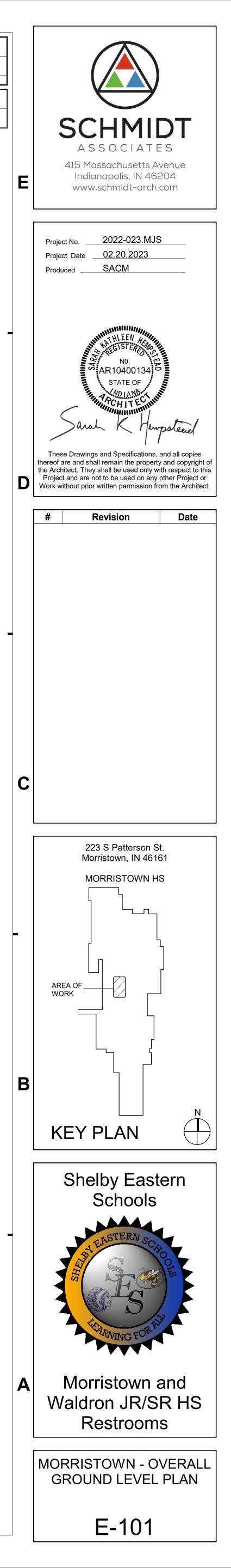
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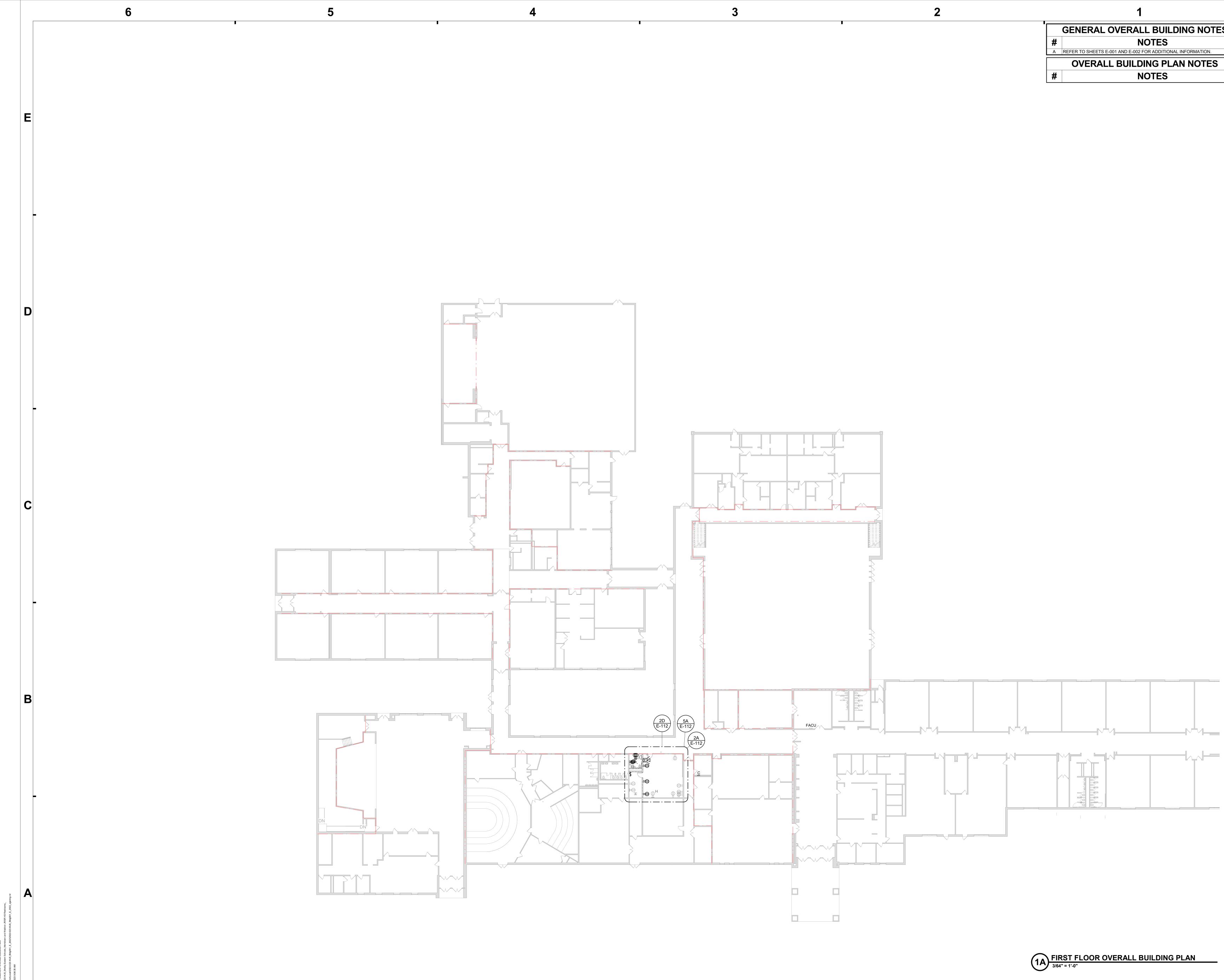
 A
 REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.

 OVERALL BUILDING PLAN NOTES

 #
 NOTES

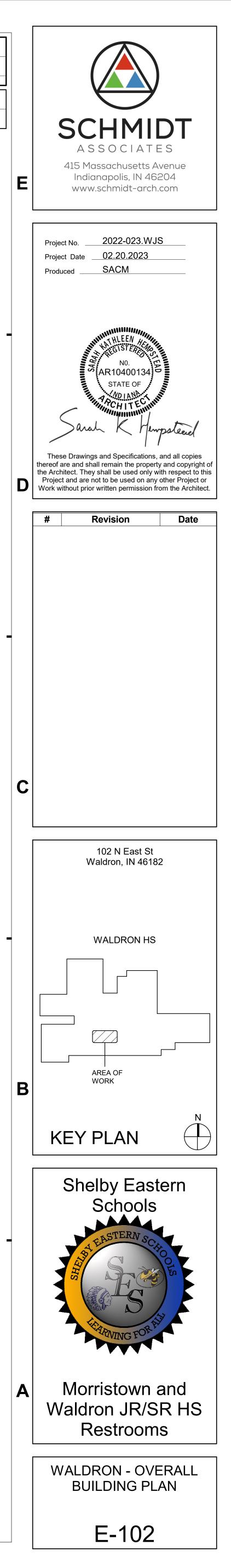
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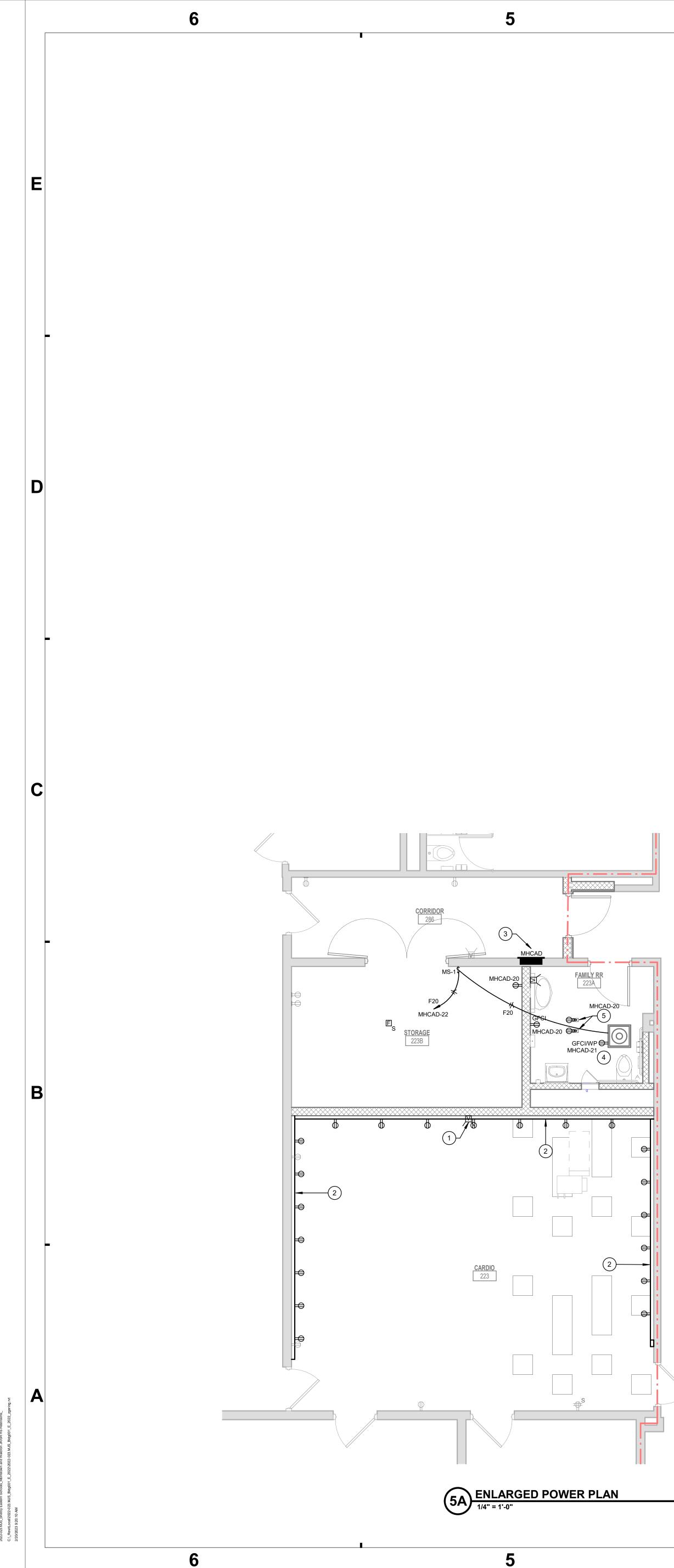




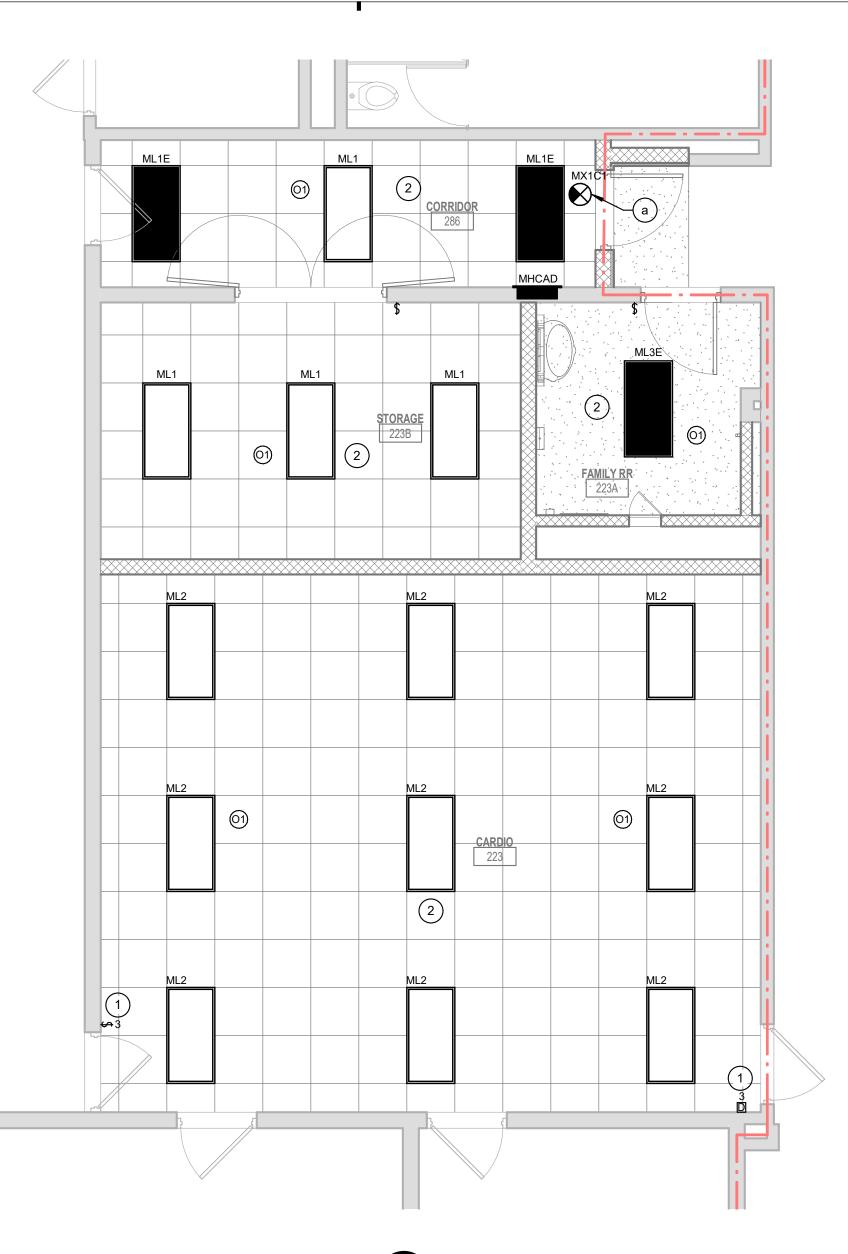
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GENERAL OVERALL BUILDING NOTES

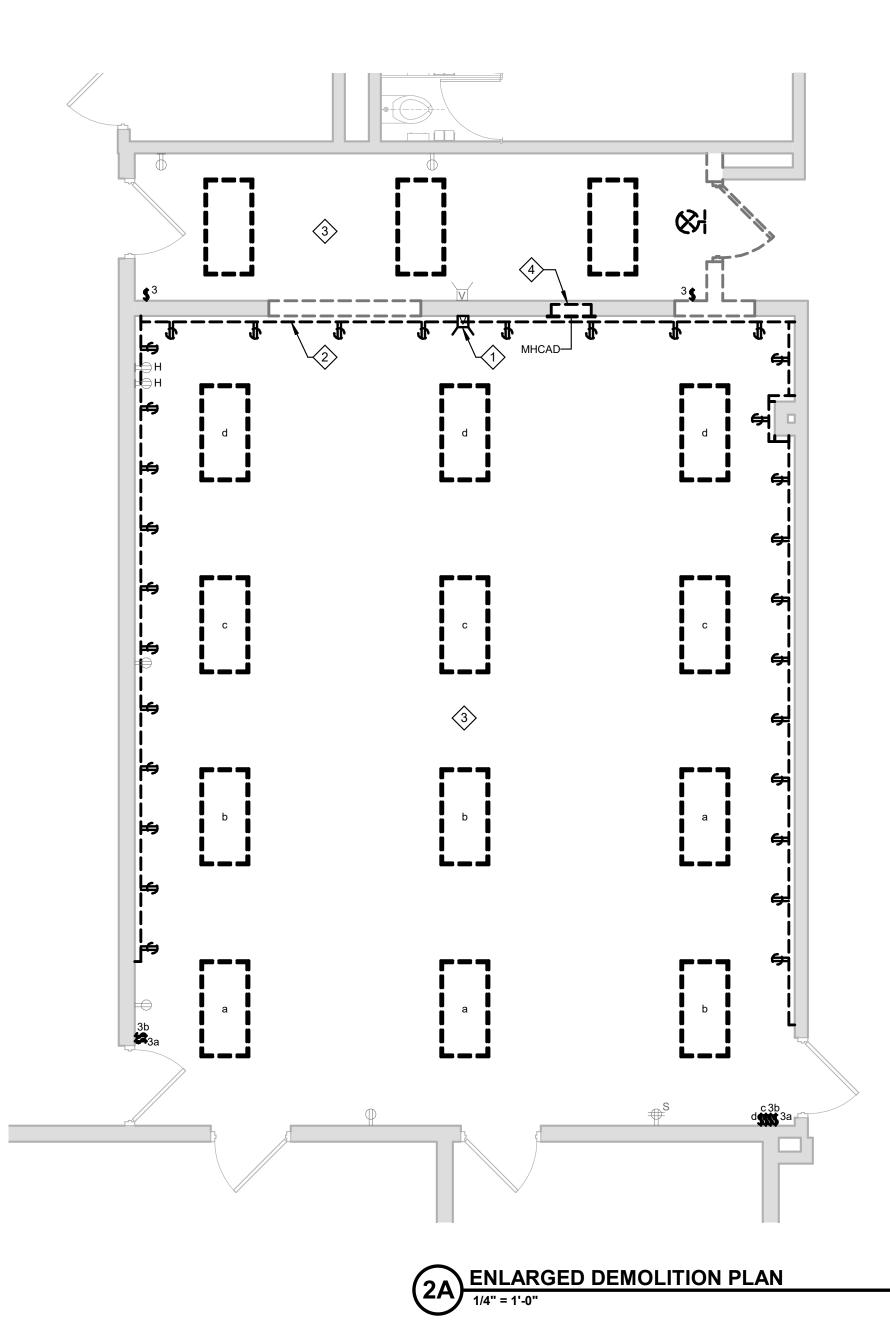






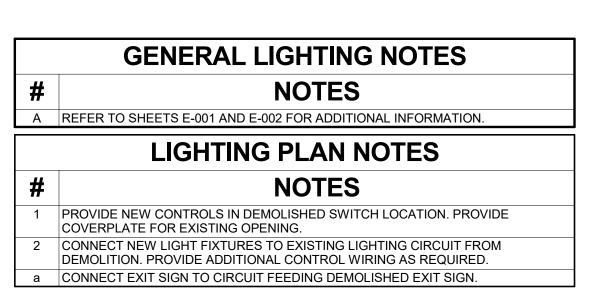


# NOTES									
А	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.								
	POWER PLAN NOTES								
#	NOTES								
1	RELOCATE EXISTING FIRE ALARM DEVICE.								
2	PROVIDE NEW SURFACE MOUNTED RACEWAY AROUND ROOM. PROVIDE RECEPTACLES AS INDICATED. DISTRIBUTE THE SAME NUMBER OF CIRCUITS THAT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

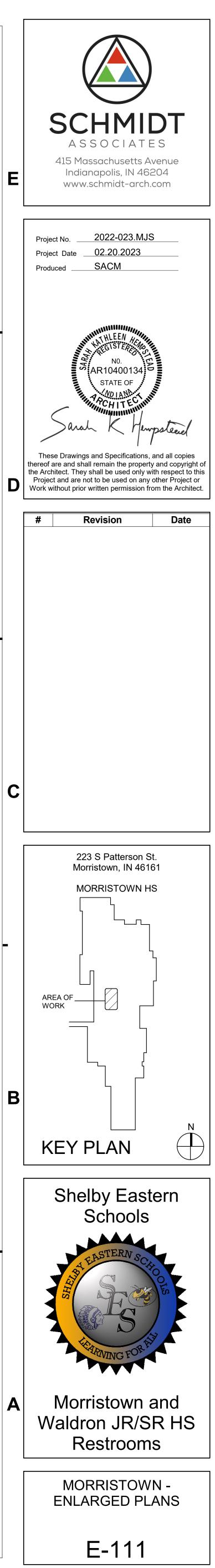




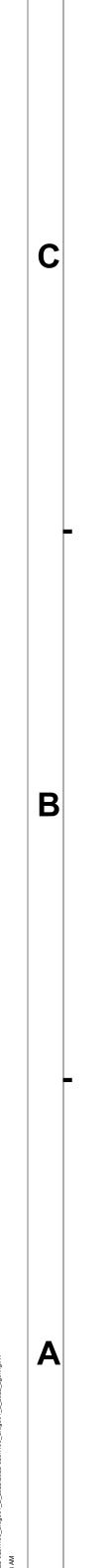
2C ENLARGED LIGHTING PLAN

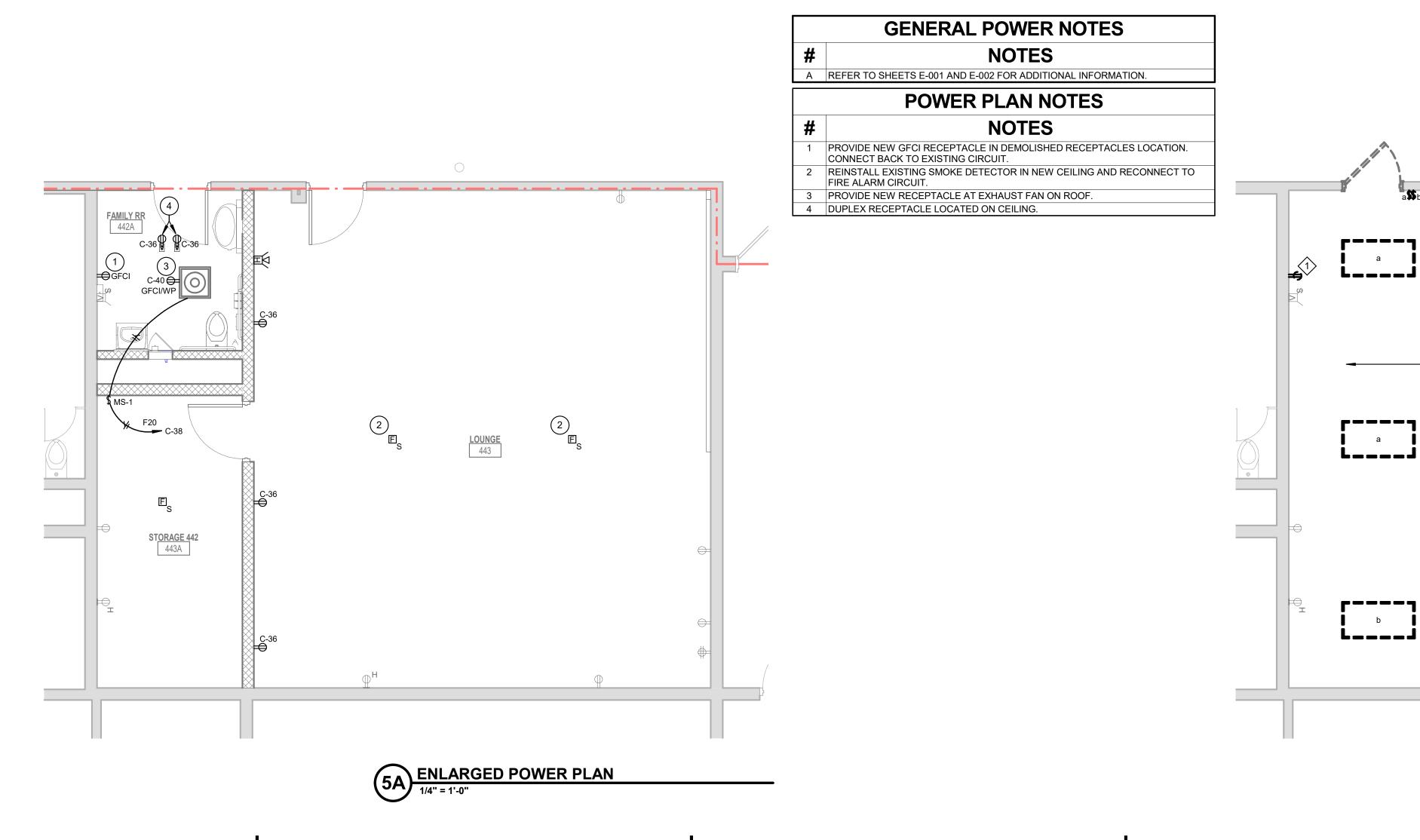


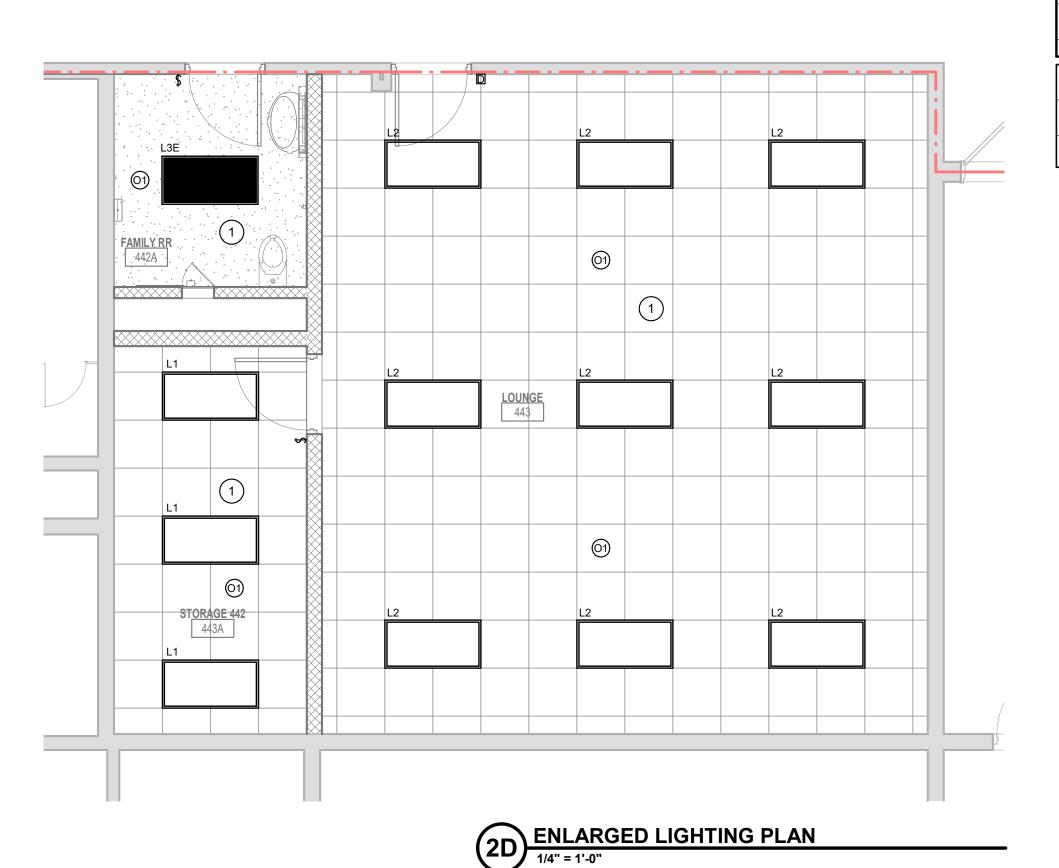
	GENERAL DEMOLITION NOTES
#	NOTES
Α	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.
В	THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
С	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST 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 LINEWORK ARE EXISTING TO REMAIN.
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
н	COORDINATE AND DISCONNECT ALL CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND TELECOMMUNICATION EQUIPMENT AS NOTED FOR REMOVAL BY 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.
к	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 IN THE NEW OR EXISTING CEILINGS.
L	REMOVE SYSTEMS AND EQUIPMENT MADE OBSOLETE BY THIS PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, CONDUIT, RACEWAYS, WIREWAYS, CONDUCTORS, JUNCTION BOXES, WIRING DEVICES, LIGHT FIXTURES, PULL BOXES, DISCONNECTS, MOTOR STARTERS, CONTACTORS, ETC.
М	REMOVE ALL DEBRIS FROM SITE AND LEGALLY DISPOSE OF SAME.
N	REMOVE ALL EXISTING EQUIPMENT PADS MADE OBSOLETE. CUT OFF BELOW FLOOR SLAB AND FILL WITH CONCRETE ALL CONDUITS WHICH ARE ABANDONED IN OR BELOW THE FLOOR SLAB. PATCH FLOOR TO MATCH EXISTING CONDITIONS.
	DEMOLITION PLAN NOTES
#	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 RECEPTACLES. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD MHCAD.
3	DISCONNECT AND REMOVE LIGHT FIXTURES. LIGHTING CIRCUIT TO REMAIN FOR NEW LIGHT FIXTURES.
4	DISCONNECT AND RELOCATE EXISTING BRANCH PANELBOARD TO OPPOSITE SIDE OF WALL. PATCH AND PAINT OPENING TO MATCH EXISTING CONDITIONS.
	SIDE OF WALL. PATCH AND PAINT OPENING TO MATCH EXISTING CONDITIONS.





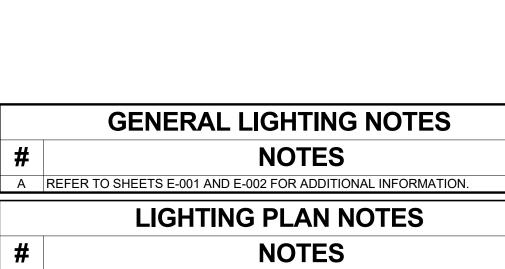




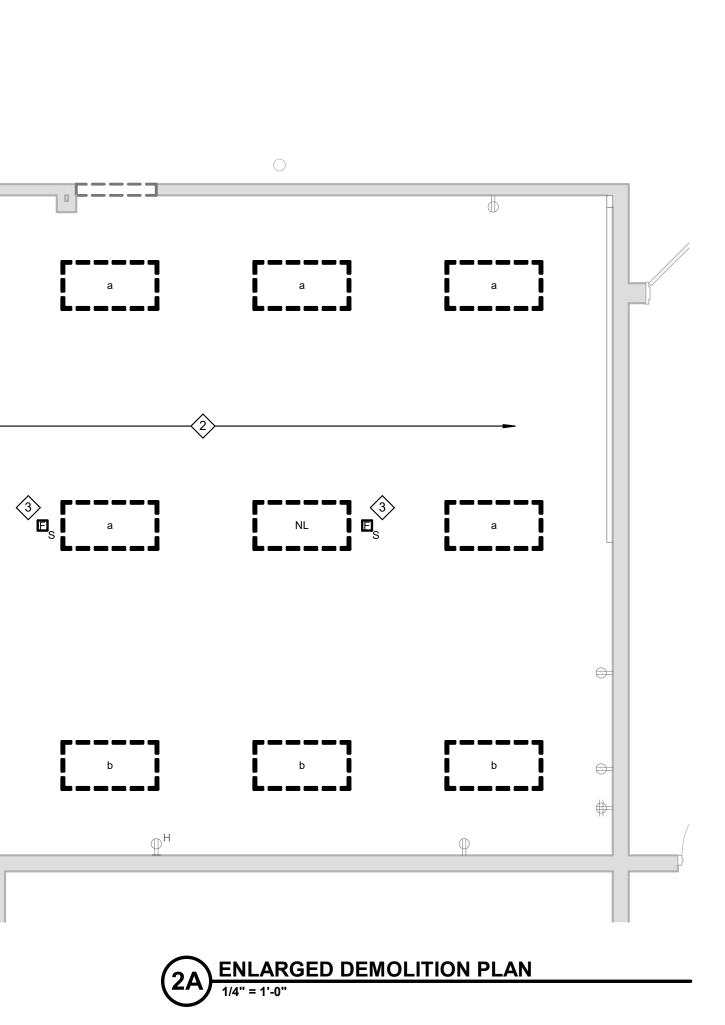


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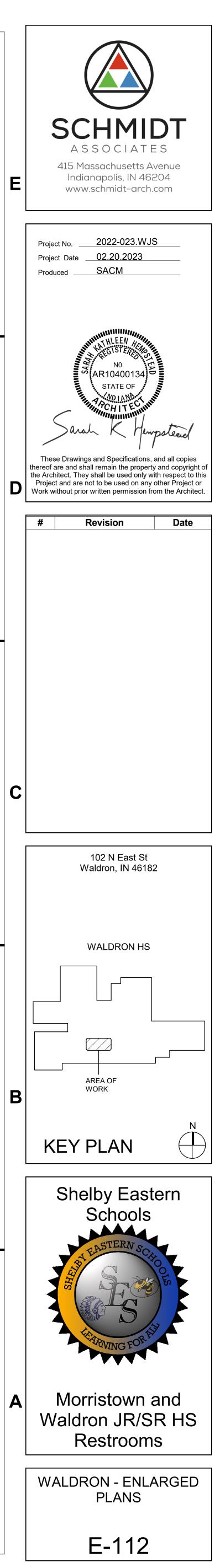


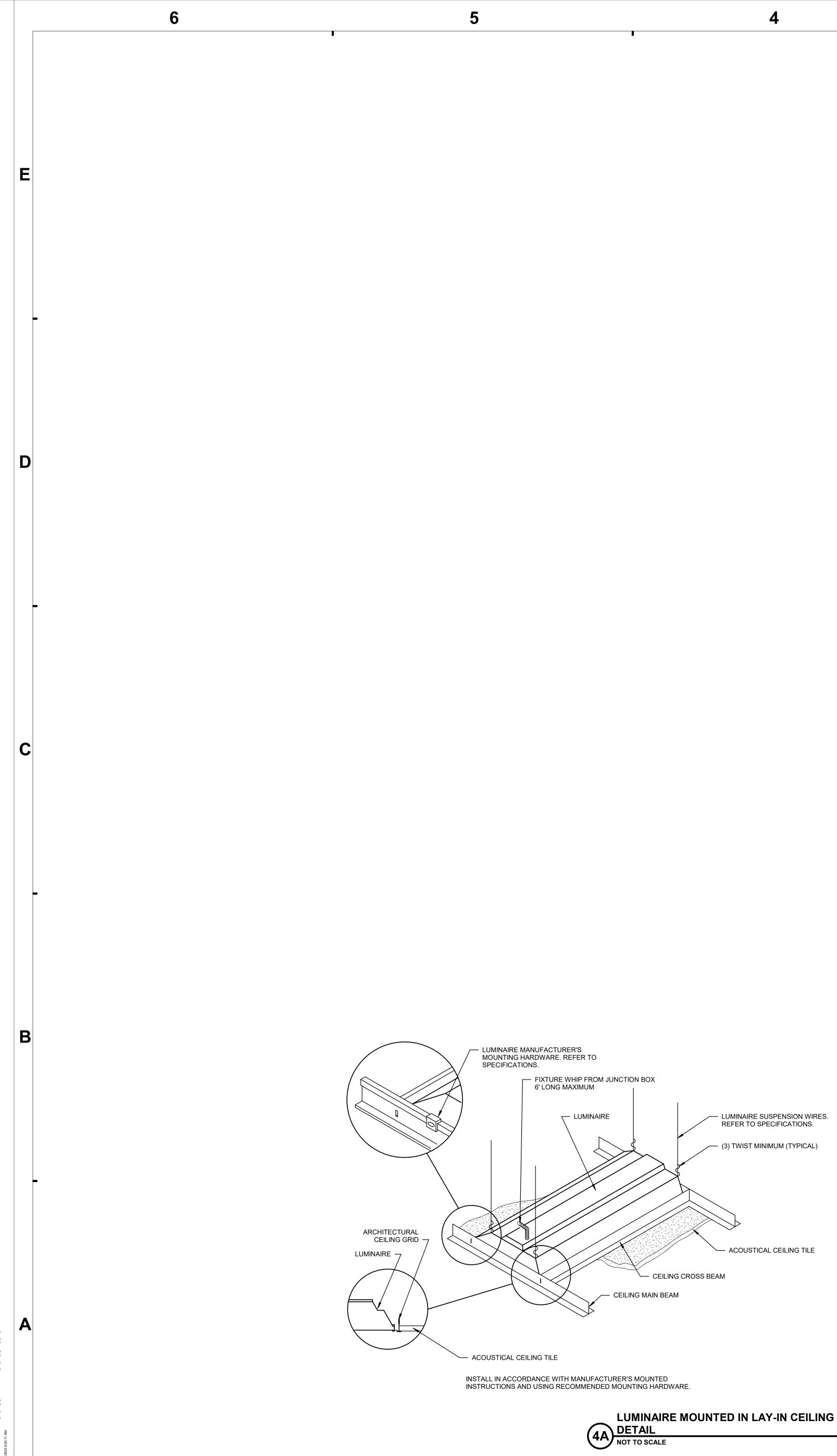


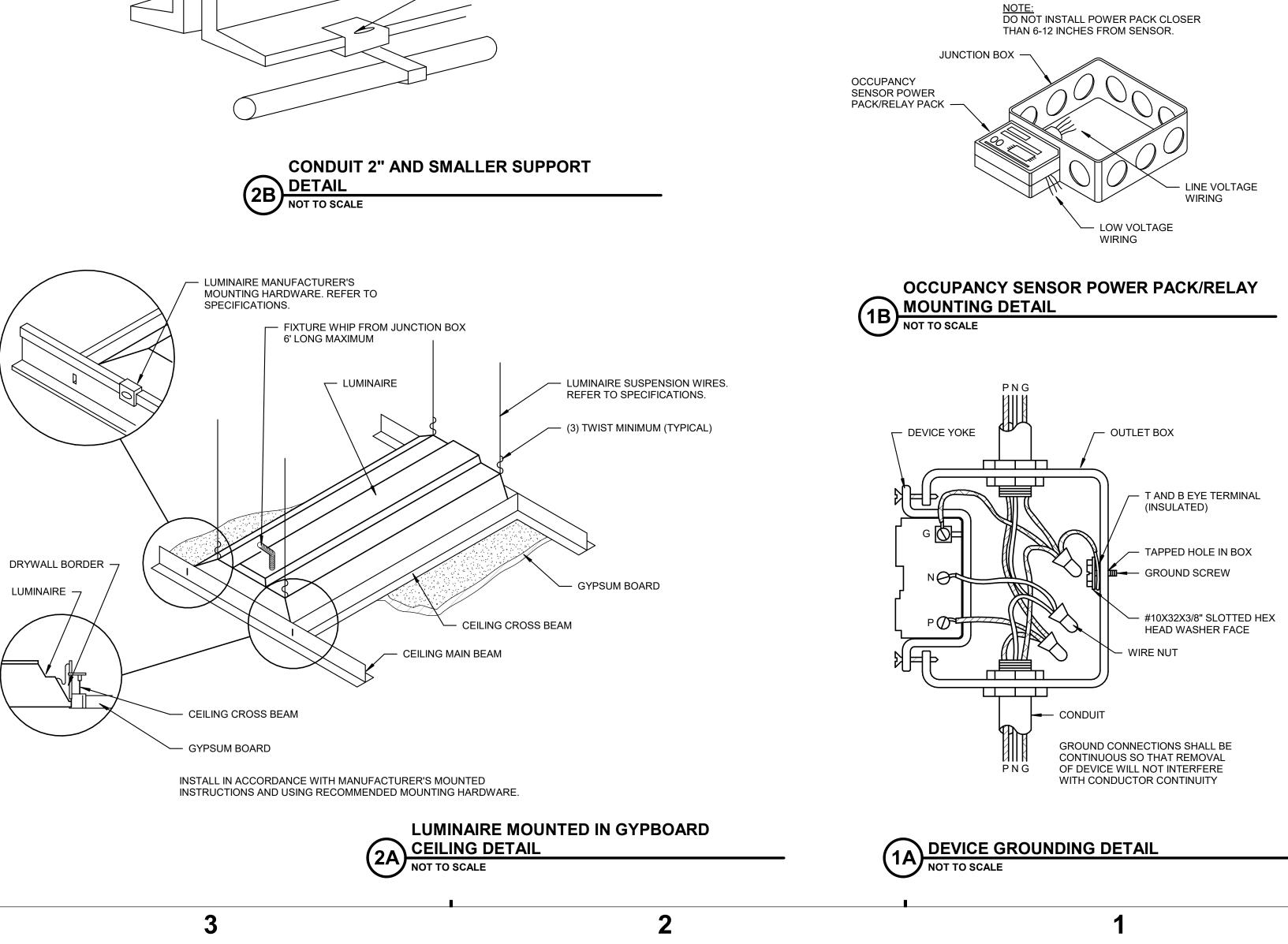
1 CONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT FROM DEMOLITION. PROVIDE ADDITIONAL CONTROL WIRING AS REQUIRED.

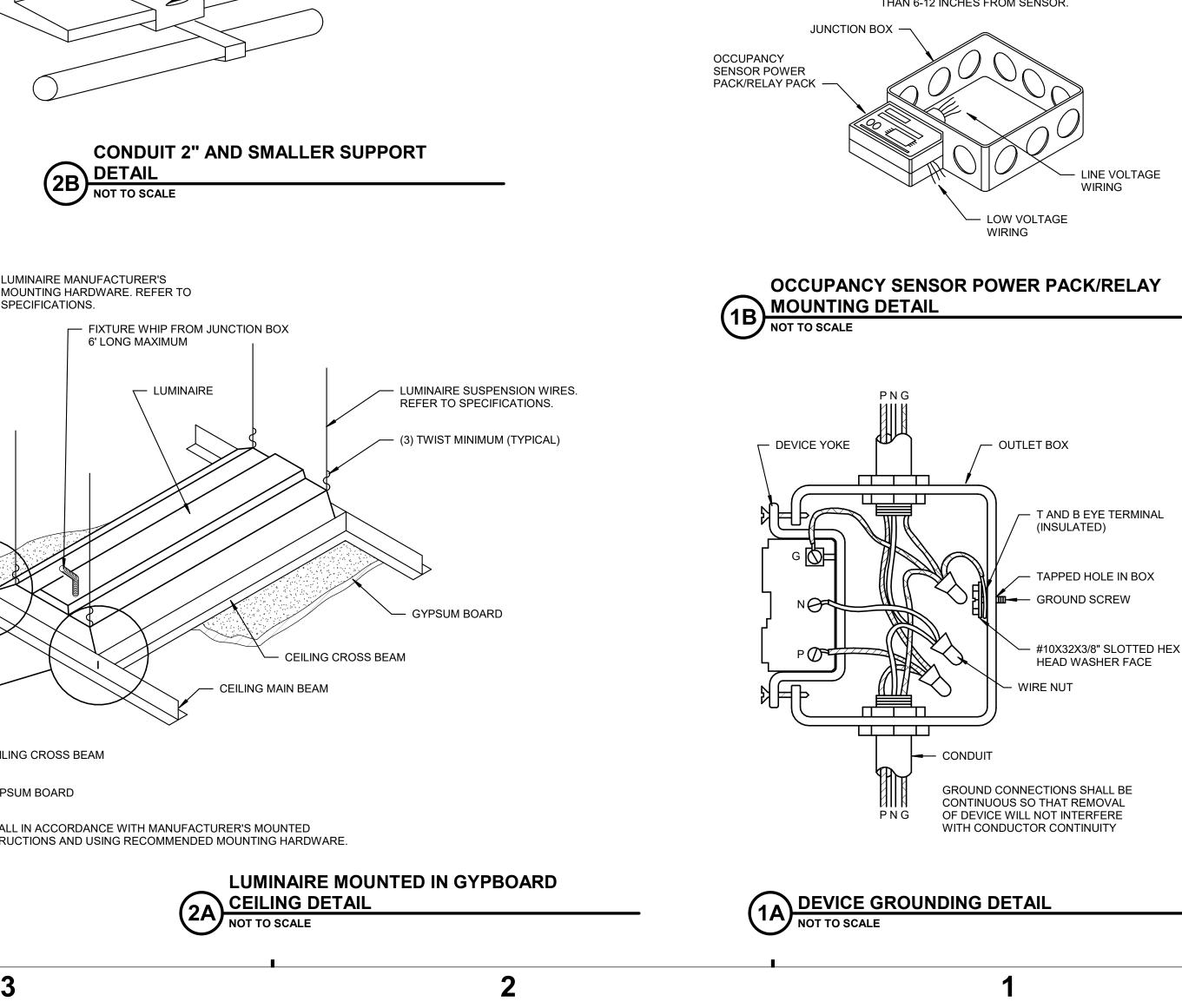


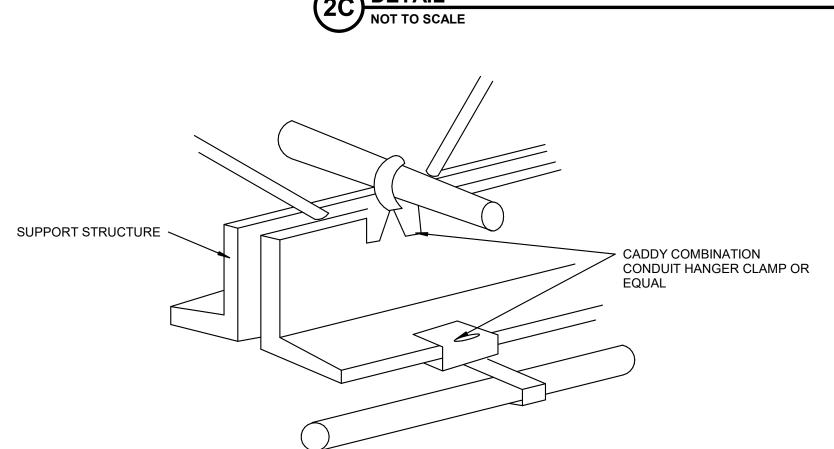
	GENERAL DEMOLITION NOTES
#	NOTES
А	REFER TO SHEETS E-001 AND E-002 FOR ADDITIONAL INFORMATION.
В	THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
С	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST 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.
Е	THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRIC EQUIPMENT.
F	ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMA
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
Η	COORDINATE AND DISCONNECT ALL CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND TELECOMMUNICATION EQUIPMENT AS NOTED FOR REMOVAL B 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.
К	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 IN THE NEW OR EXISTING CEILINGS.
L	REMOVE SYSTEMS AND EQUIPMENT MADE OBSOLETE BY THIS PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, CONDUIT, RACEWAYS, WIREWAYS, CONDUCTORS, JUNCTION BOXES, WIRING DEVICES, LIGHT FIXTURES, PULL BOXES, DISCONNECTS, MOTOR STARTERS, CONTACTORS, ETC.
М	REMOVE ALL DEBRIS FROM SITE AND LEGALLY DISPOSE OF SAME.
Ν	REMOVE ALL EXISTING EQUIPMENT PADS MADE OBSOLETE. CUT OFF BELOW FLOOR SLAB AND FILL WITH CONCRETE ALL CONDUITS WHICH ARE ABANDONED IN OR BELOW THE FLOOR SLAB. PATCH FLOOR TO MATCH EXISTING CONDITION
	DEMOLITION PLAN NOTES
#	NOTES
1	DISCONNECT AND REMOVE RECEPTACLE. CIRCUIT TO REMAIN FOR NEW DEVIC
2	DISCONNECT AND REMOVE LIGHT FIXTURES. LIGHTING CIRCUIT TO REMAIN FOR NEW LIGHT FIXTURES.
3	DISCONNECT AND RELOCATE EXISTING SMOKE DETECTOR TO NEW CEILING GRID.

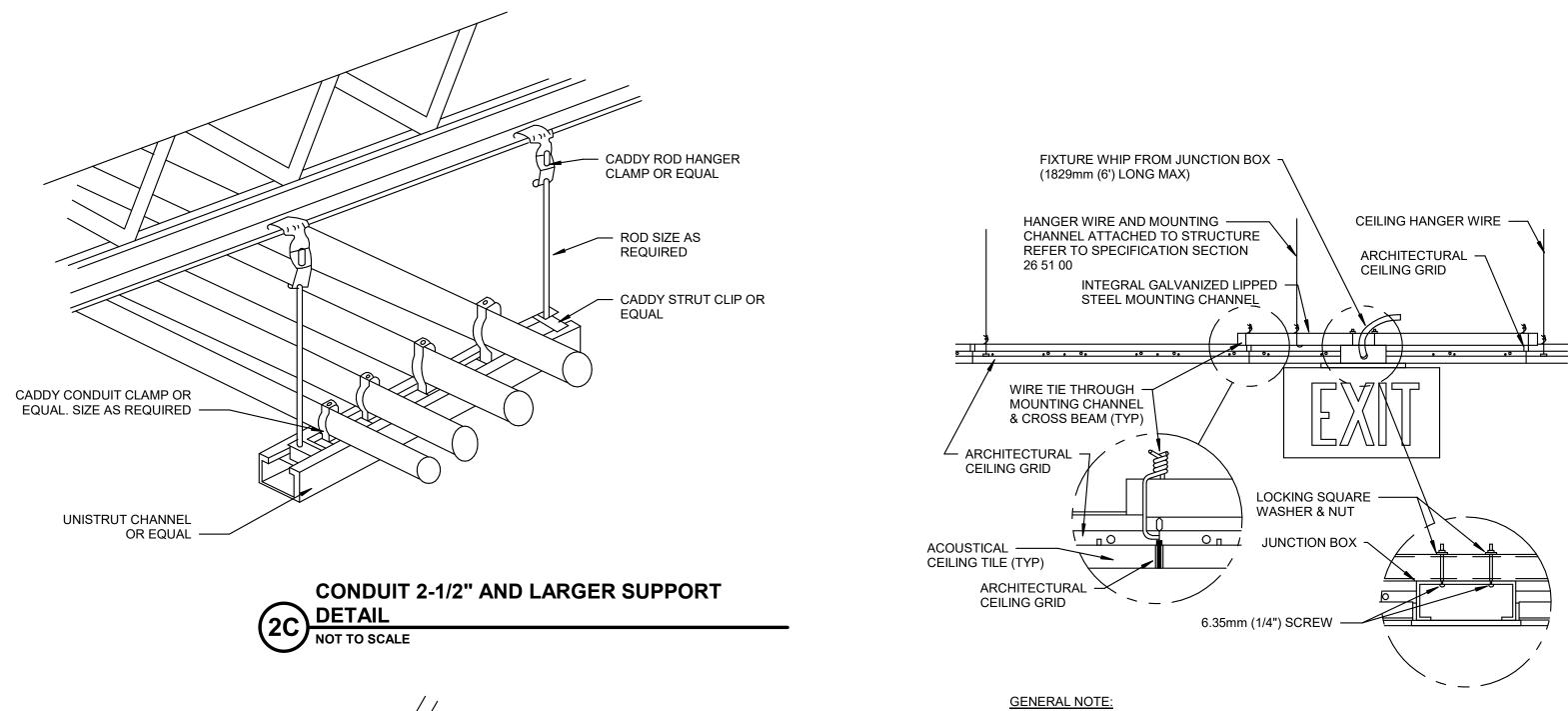








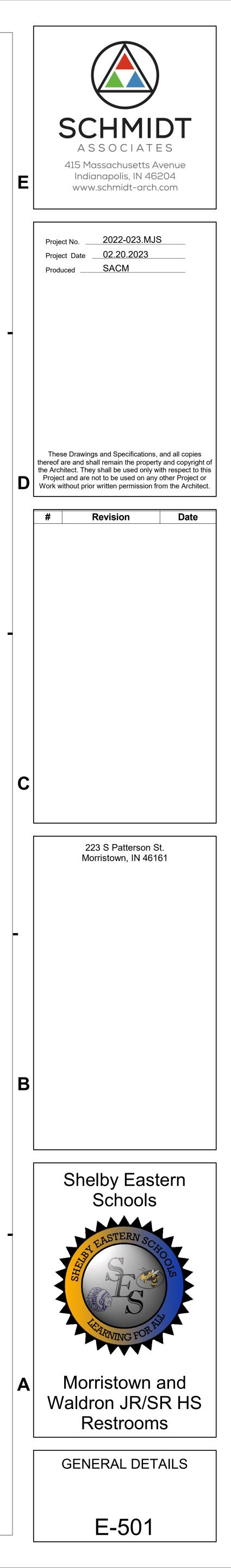


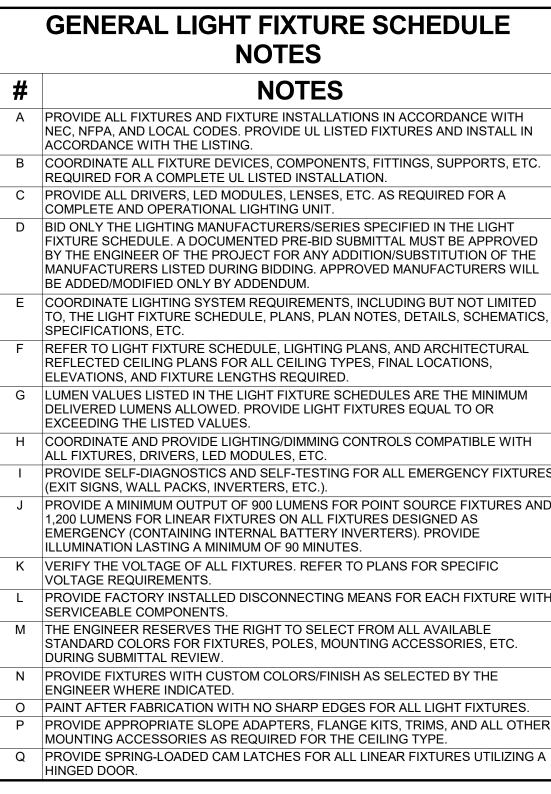


INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

1C DETAIL NOT TO SCALE

EXIT SIGN MOUNTING - LAY-IN CEILING





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	262816.1 - ENCLOSED SWITCHES & CIRCUIT BREAKERS SCHEDULE											
LOCA	CATION EQUIPMENT RATINGS			ACCESS	ORIES							
		EQUIPMENT							AUX.	SOLID		
LABEL NUMBER	NAME	SERVED	VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL	CONTACTS	NEUTRAL	REMARKS	

262913/262923.1 - ENCLOSED & VARIABLE-FREQUENCY MOTOR CONTROLLERS SCHEDULE														
	LOCATION EQUIPMENT			EQUIPMENT RATINGS						STARTER		DISCONNECT SWITCH		
LABEL	NUMBER	NAME	SERVED	VOLTAGE	PHASE	HP	FLA	NEMA ENCL	TYPE	NEMA SIZE	TYPE	FUSE SIZE	CAPACITOR	REMARKS
MS-1	223B	STORAGE	FAMILY RR 223A EF	120 V	1	1/8	4.4 A	-	1	-	-	-	-	

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JPPORTS, ETC.	
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ILABLE DRIES, ETC.	
BY THE	
HT FIXTURES. AND ALL OTHER	

	265119/26561	9/20213.1 - INTE			GENCY & EX		IXTURES SCHEDULE				
			SOURCE								
LABEL	DESCRIPTION	VOLTAGE	TYPE	LUMENS	WATTS	CCT	MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL
ML1	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	ML1
ML1E	2X4 EDGE LIT LED FLAT PANEL. 0-10V DIMMING. INTEGRAL BATTERY INVERTER.	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	ML1E
ML2	2X4 EDGE LIT LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	5,400 LM	55 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	ML2
ML3E	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	ML3E
MX1C1	LED EXIT LIGHT, WHITE HOUSING, BRUSHED ALUM. SINGLE FACE. STENCIL FACE, RED LETTERS. SELF-POWERED. NICKEL-CADMIUM BATTERY. SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	MX1C1

<u>, </u>	\▼/ _H	
⊱F _R F _S -	EXISTING FIRE ALARM CONTROL PANEL KIDDE FX SERIES	FIRE ALARM NAC PANEL
		R PLANS FOR DEVICE QUANTITIES CES AND HORN/STROBES TO

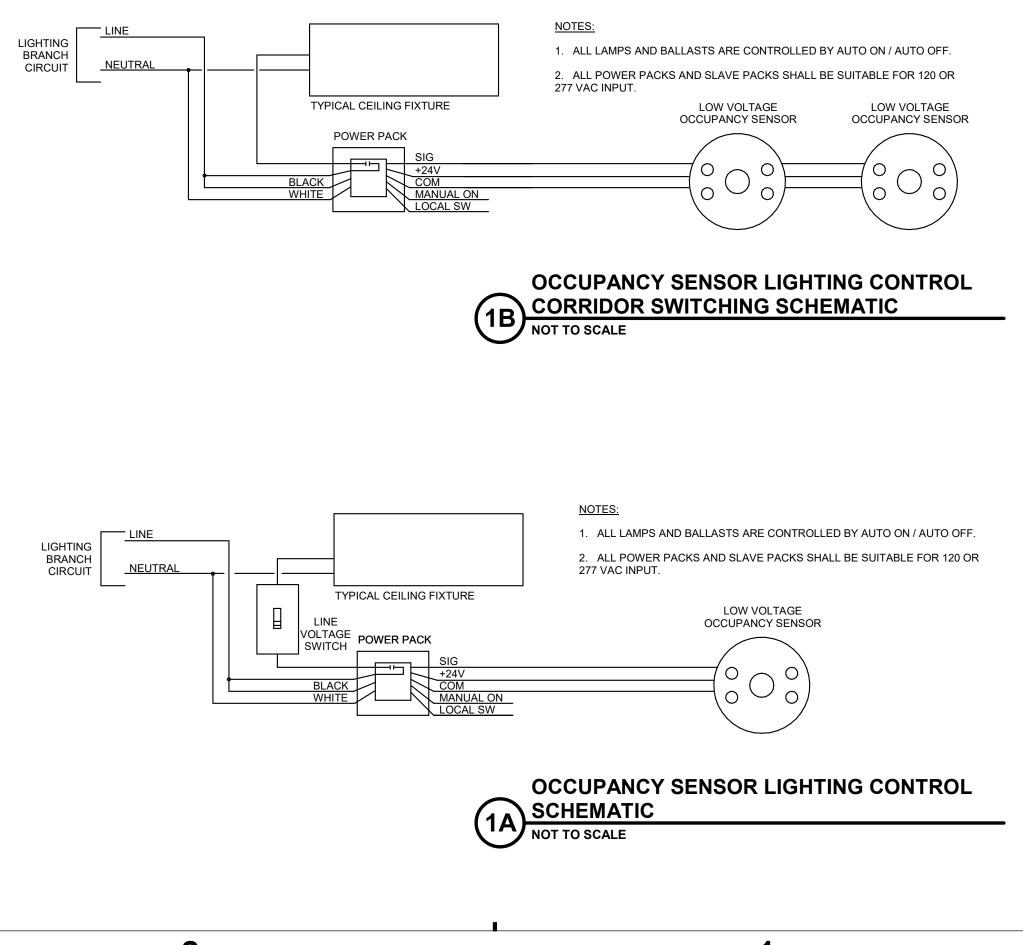
3A FIRE ALARM SCHEMATIC NOT TO SCALE

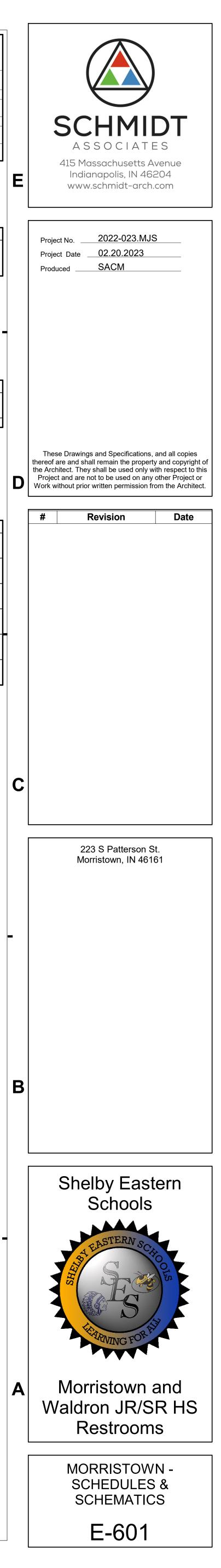
BE SYNCHRONIZED FLASH

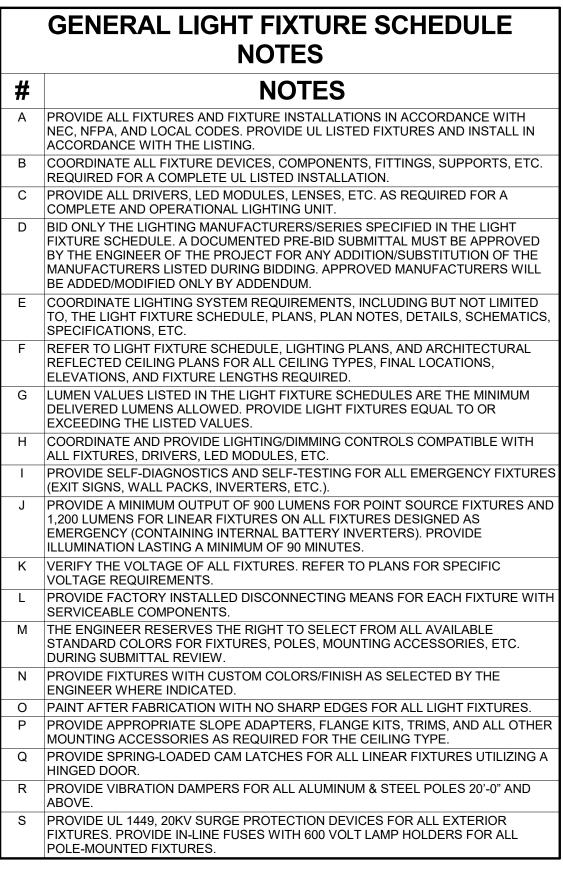
GENERAL SWITCHBOARD/PANELBOARD NOTES

- 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.
- VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL. D CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING
- FINAL PANELBOARD DIRECTORIES. MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER

SPECIFICATION SECTION 260574.99.









В

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

LABEL				SOU	RCE				CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	
	DESCRIPTION	VOLTAGE	TYPE	LUMENS	WATTS	CCT	MOUNTING	LENS/REFLECTOR			LABE
1	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
2	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
3E	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

FIRE ALARM EXISTING ⊱____F____M REMOTE NAC PANEL ANNUNCIATOR PANEL EXISTING FIRE ALARM CONTROL PANEL EDWARDS iO SERIES 120V CIRCUIT

NOTES: REFER TO FLOOR PLANS FOR DEVICE QUANTITIES
 ALL VISUAL DEVICES AND HORN/STROBES TO BE SYNCHRONIZED FLASH

3A FIRE ALARM SCHEMATIC NOT TO SCALE

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.
- VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL.
- D CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING FINAL PANELBOARD DIRECTORIES.
- MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER SPECIFICATION SECTION 260574.99.

