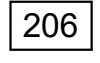
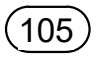
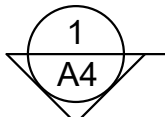
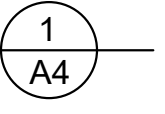


ABBREVIATIONS LEGEND (SOME ABBREVIATIONS MAY NOT BE USED)

ACOUS	ACOUSTICAL	FF	FINISHED FLOOR	PLUMB	PLUMBING
AC	ACOUSTICAL CEILING	FTG	FOOTING	PS	PROJECTOR SCREEN
AFF	ABOVE FINISHED FLOOR	FLR	FLOOR	PT	PRESSURE TREATED
ALT	ALTERNATE	FE	FIRE EXTINGUISHER	QT	QUARRY TILE
ALUM	ALUMINUM	FEC	FIRE EXTINGUISHER CABINET	PLYWD	PLYWOOD
BCJ	BRICK CONTROL JOINT	FM	FORCE MAIN	RAD	RADIUS
BLDG	BUILDING	FH	FIRE HYDRANT	RB	RUBBER
BRG	BEARING	GB	GRAB BAR	RCP	REINFORCED CONCRETE PIPE
BOTT	BOTTOM	GA	GAUGE	REIN	REINFORCEMENT
BM	BEAM	GALV	GALVANIZED	RM	ROOM
BLKG	BLOCKING	GL	GLASS	RO	ROUGH OPENING
CW	COLD WATER	GWB	GYPSUM WALL BOARD	SD	STORM DRAIN
CB	CHALK BOARD	HB	HOSE BIB	SC	SCALE
CJ	CONTROL JOINT	HDWD	HARDWOOD	SIM	SIMILAR
CLG	CEILING	HM	HOLLOW METAL	SPEC	SPECIFICATIONS
CH	CEILING HEIGHT	HMF	HOLLOW METAL FRAME	SS	SANITARY SEWER
CMU	CONCRETE MASONRY UNIT	HORIZ	HORIZONTAL	ST STL	STAINLESS STEEL
CO	CASED OPENING	HT	HEIGHT	STL	STEEL
COL	COLUMN	INFO	INFORMATION	STOR	STORAGE
CN	CONCRETE	INSUL	INSULATION	STRUCT	STRUCTURE
CONST	CONSTRUCTION	INT	INTERIOR	SUSP	SUSPENDED
CONT	CONTINUOUS	JAN	JANITOR	TB	TACK BOARD
CP	CARPET	L	LENGTH	TYP	TYPICAL
CR	CHAIR RAIL	LM	LINEAR METAL	TCP	THINCOAT PLASTER
CT	CERAMIC TILE	MB	MARKER BOARD	TW	TOWEL/WASTE
CU	COPPER	MCJ	MASONRY CONTROL JOINT	TP	TOILET PAPER DISPENSER
DET	DETAIL	MECH	MECHANICAL	UON	UNLESS OTHERWISE NOTED
DIA	DIAMETER	MEMB	MEMBRANE	VCT	VINYL COMPOSITION TILE
DWG	DRAWING	MDF	MEDIUM DENSITY FIBERBOARD	W	WASHER
DS	DOWN SPOUT	MH	MAN HOLE	W/	WITH
DN	DOWN	MO	MASONRY OPENING	WC	WATER COOLER
EA	EACH	MR	MIRROR	WD	WOOD
EJ	EXPANSION JOINT	MTL	METAL	WP	WATERPROOF
ELEV	ELEVATION	MTD	MOUNTED		
EQ	EQUAL	MW	MILLWORK		
EQUIP	EQUIPMENT	ND	NAPKIN DISPENSER		
EXIST	EXISTING	MIC	NOT IN CONTRACT		
FBO	FURNISHED BY OWNER	NO	NUMBER		
FD	FLOOR DRAIN	NTS	NOT TO SCALE		
FC	FIRE CODE (GYP. BD.)	OC	ON CENTER		
FIN	FINISH	OPP	OPPOSITE		
FFE	FINISHED FLOOR ELEVATION	P/L	PLASTIC LAMINATE		

SYMBOLS LEGEND (SOME SYMBOLS MAY NOT BE USED)

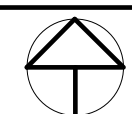
	ROOM NUMBER		DEMOLITION NOTE		DETAIL NUMBER		WALL TYPE
	DOOR NUMBER		CONSTRUCTION NOTE		BUILDING SECTION/ WALL SECTION		ELEVATION
	WINDOW TYPE		DETAIL NUMBER SHEET NUMBER		BUILDING ELEVATION/INTERIOR ELEVATION		

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AREA MAP

5317 GLOVER LANE, MILTON, FL 32570



HOBBS MIDDLE SCHOOL

ENERGY UPGRADES - PHASE B

PHASE 3 SUBMITTAL

OCTOBER 7, 2021

ADDITIVE ALTERNATE

ALL WORK RELATED TO THE SCHOOL MEDIA CENTER.
THIS INCLUDES ROOMS 022, 022A, 031-031M AND 057.

PRODUCT APPROVAL NUMBERS

FL-21420 WINCO 1150S FIXED WINDOWS

THESE ITEMS REPRESENT THE BASIS FOR THE
DESIGN. EACH SECTION OF
THE SPECIFICATIONS LISTS EQUAL PRODUCTS.
THE EQUALS ARE
REQUIRED TO HAVE PRODUCT APPROVAL
NUMBERS SUBMITTED AS WELL.

BUILDING CODES

THIS PROJECT WAS DESIGNED IN ACCORDANCE
WITH:

FLORIDA BUILDING CODE 2020 SEVENTH EDITION

EXISTING BUILDING CODE 2020 SEVENTH EDITION

FLORIDA FIRE PREVENTION CODE, 2020 SEVENTH EDITION

FLORIDA PLUMBING CODE, 2020 SEVENTH EDITION

FLORIDA MECHANICAL CODE, 2020 SEVENTH EDITION

NATIONAL ELECTRIC CODE NFPA 70, 2014 EDITION

FLORIDA ENERGY CODE (FEC) 2020 SEVENTH EDITION

FLORIDA ACCESSIBILITY CODE, 2020 SEVENTH EDITION

FLORIDA FIRE PREVENTION CODE

NFPA 101 LIFE SAFETY CODE

SHEET INDEX

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D102	SOUTHWEST DEMO FLOOR PLAN
D103	ALTERNATE DEMO FLOOR PLAN
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D105	SOUTHWEST DEMO RELFECTED CEILING PLAN
D106	ALTERNATE DEMO REFLECTED CEILING PLAN
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A101	OVERALL WORK AREA FLOOR PLAN
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E304	ELECTRICAL SCHEDULES



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HOBBS MIDDLE SCHOOL

ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date
1	REV 1 - SRC	11/11/20

TITLE SHEET

Date	10/07/21
Drawn By	MM
Checked By	JF

A001



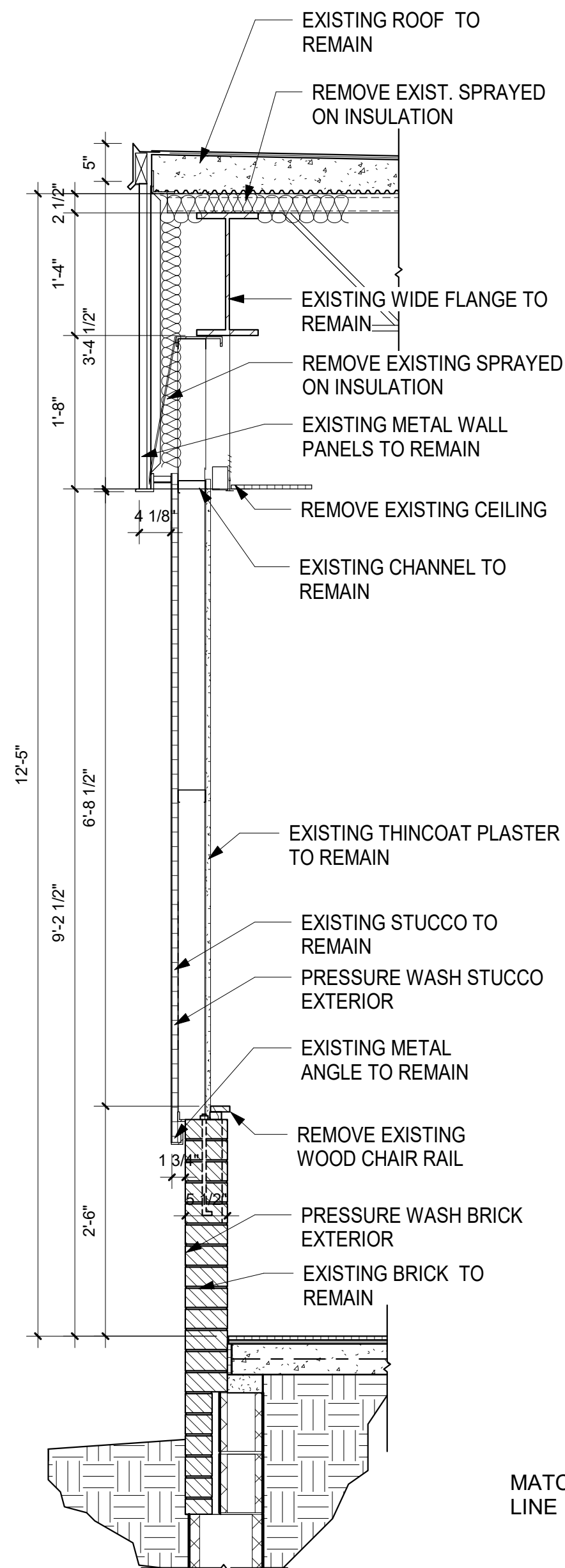
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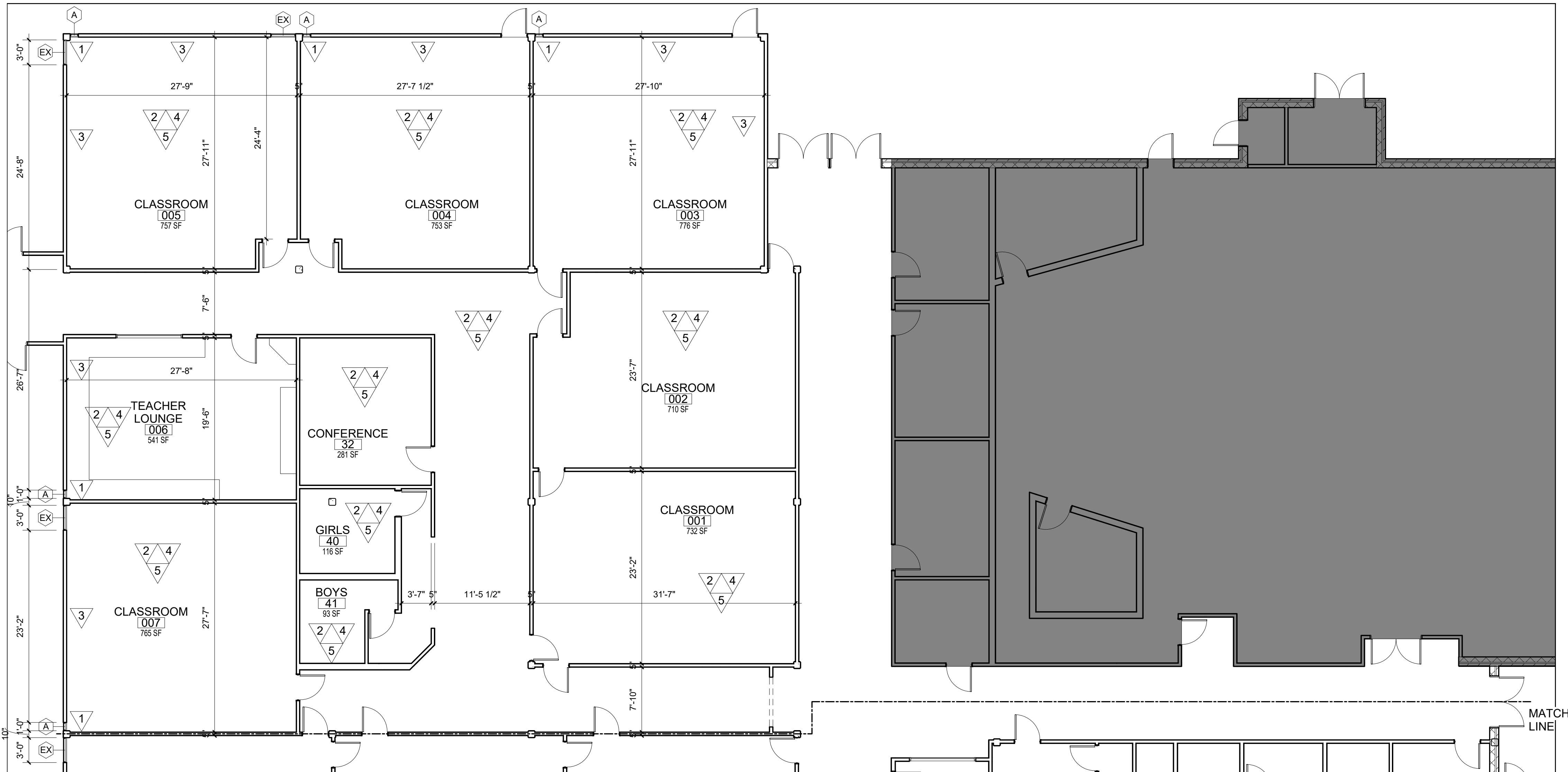
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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570



2 DEMO EXTERIOR WALL SECTION
3/4" = 1'-0"



1 DEMO NORTHWEST FLOOR PLAN
1/8" = 1'-0"

DEMOLITION NOTES

- 1 REMOVE EXISTING WINDOW. PRESERVE ADJACENT SURFACES.
- 2 REMOVE EXISTING CEILINGS. PRESERVE WALL SURFACE. SEE DEMO REFLECTED CEILING PLANS.
- 3 REMOVE WOOD TRIM FROM EXISTING EXTERIOR WALLS. SEE DEMO WALL SECTIONS.
- 4 REMOVE SPRAYED ON INSULATION ABOVE CEILINGS. SEE DEMO WALL SECTION.
- 5 PROTECT FLOORING AND OTHER EQUIPMENT DURING INTERIOR WORK



3 KEY PLAN NORTHWEST.
1" = 60'-0"

No.	Description	Date

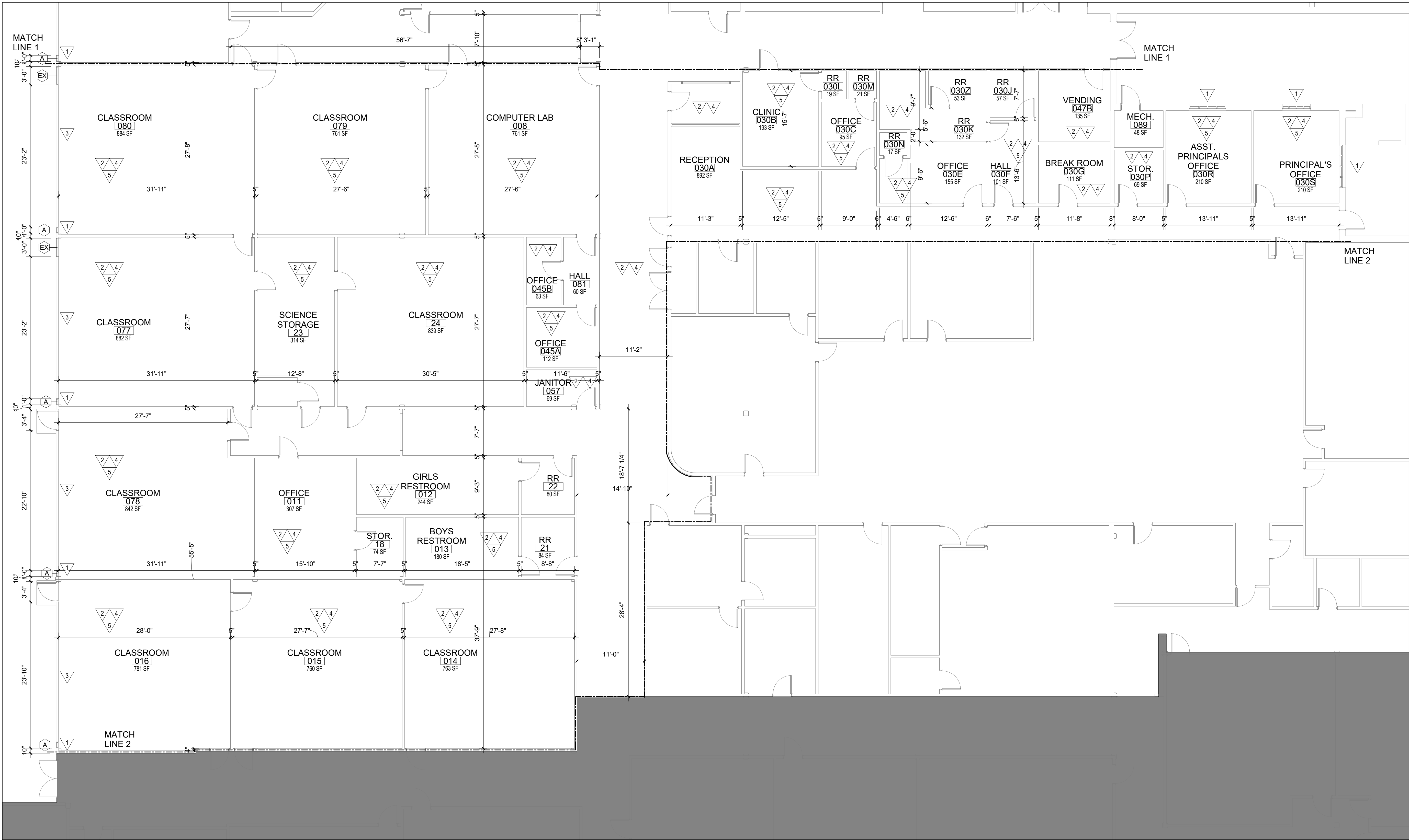
NORTHWEST DEMO FLOOR PLAN

Date 10/07/21

Drawn By Author

Checked By Checker

D101



1 DEMO SOUTHWEST FLOOR PLAN
1/8" = 1'-0"

- ### DEMOLITION NOTES
- 1 REMOVE EXISTING WINDOW. PRESERVE ADJACENT SURFACES.
 - 2 REMOVE EXISTING CEILINGS. PRESERVE WALL SURFACE. SEE DEMO REFLECTED CEILING PLANS.
 - 3 REMOVE WOOD TRIM FROM EXISTING EXTERIOR WALLS. SEE DEMO WALL SECTIONS.
 - 4 REMOVE SPRAYED ON INSULATION ABOVE CEILINGS. SEE DEMO WALL SECTION.
 - 5 PROTECT FLOORING AND OTHER EQUIPMENT DURING INTERIOR WORK



2 KEY PLAN SOUTHWEST.
1" = 60'-0"

HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

SOUTHWEST DEMO FLOOR PLAN

Date	10/07/21
Drawn By	Author
Checked By	Checker

D102



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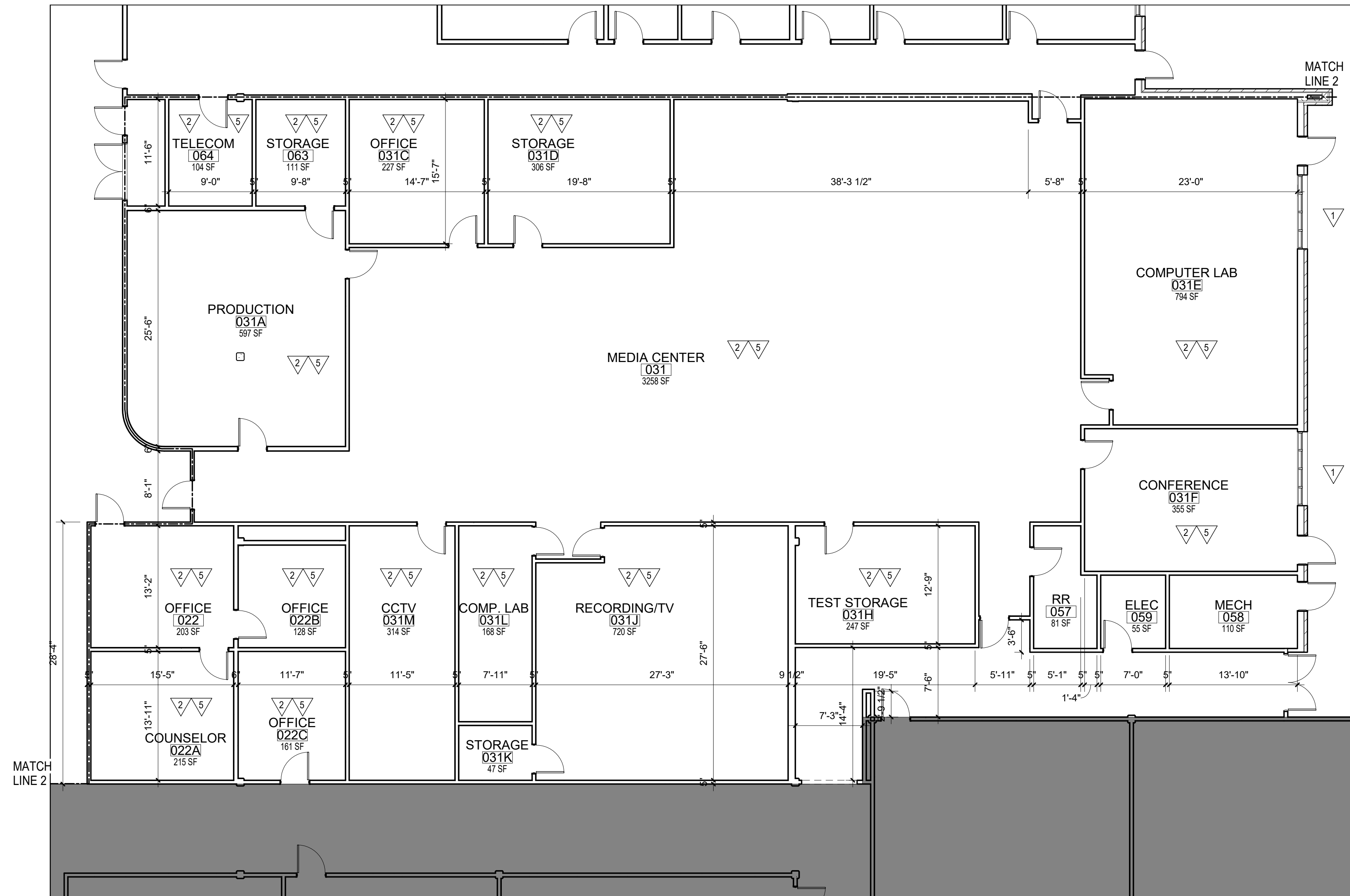
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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570



1 DEMO ALTERNATE FLOOR PLAN
1/8" = 1'-0"

DEMOLITION NOTES

- 1 REMOVE EXISTING WINDOW. PRESERVE ADJACENT SURFACES.
- 2 REMOVE EXISTING CEILINGS. PRESERVE WALL SURFACE. SEE DEMO REFLECTED CEILING PLANS.
- 3 N/A
- 4 N/A
- 5 PROTECT FLOORING AND OTHER EQUIPMENT DURING INTERIOR WORK



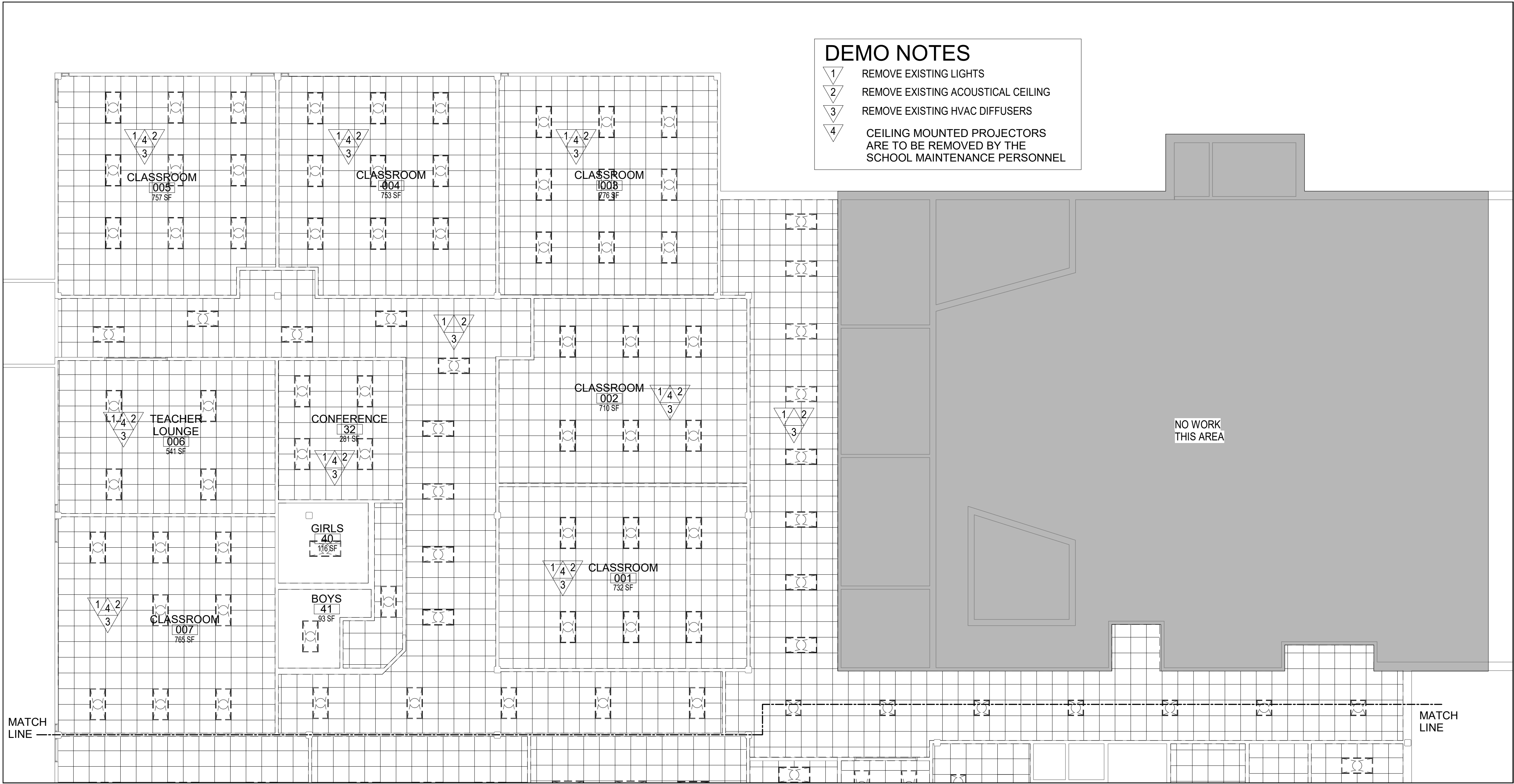
2 KEY PLAN ALTERNATE.
1" = 60'-0"

No.	Description	Date

ALTERNATE DEMO FLOOR PLAN

Date 10/07/21
Drawn By Author
Checked By Checker

D103



1 DEMO NORTHWEST REFLECTED
CEILING PLAN SOUTHEAST
1/8" = 1'-0"

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

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No.	Description	Date

NORTHWEST
DEMO
REFLECTED
CEILING PLAN

Date 10/07/21
Drawn By Author
Checked By Checker

D104

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

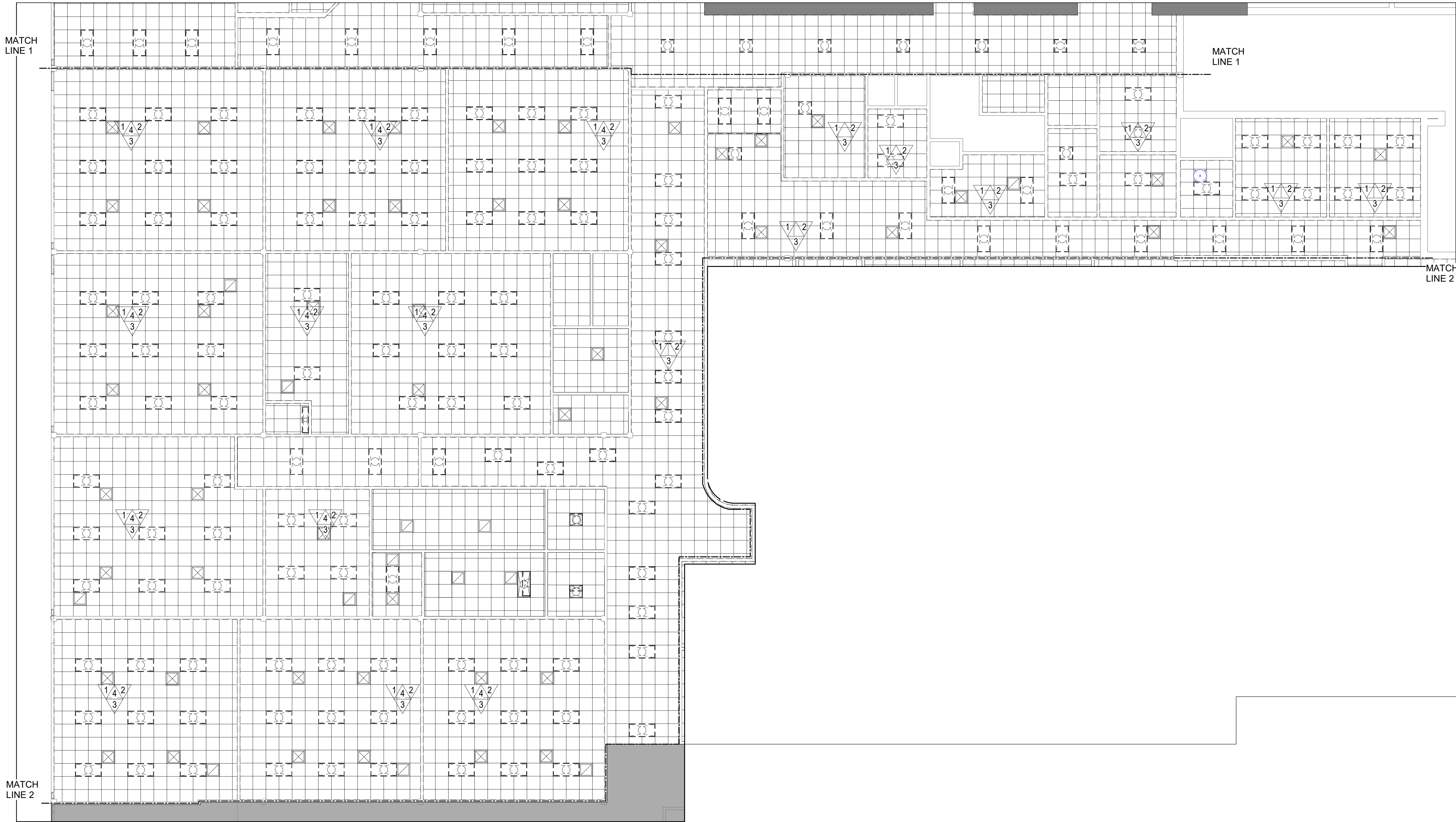
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

SOUTHWEST
DEMO
REFLECTED
CEILING PLAN

Date	10/07/21
Drawn By	Author
Checked By	Checker

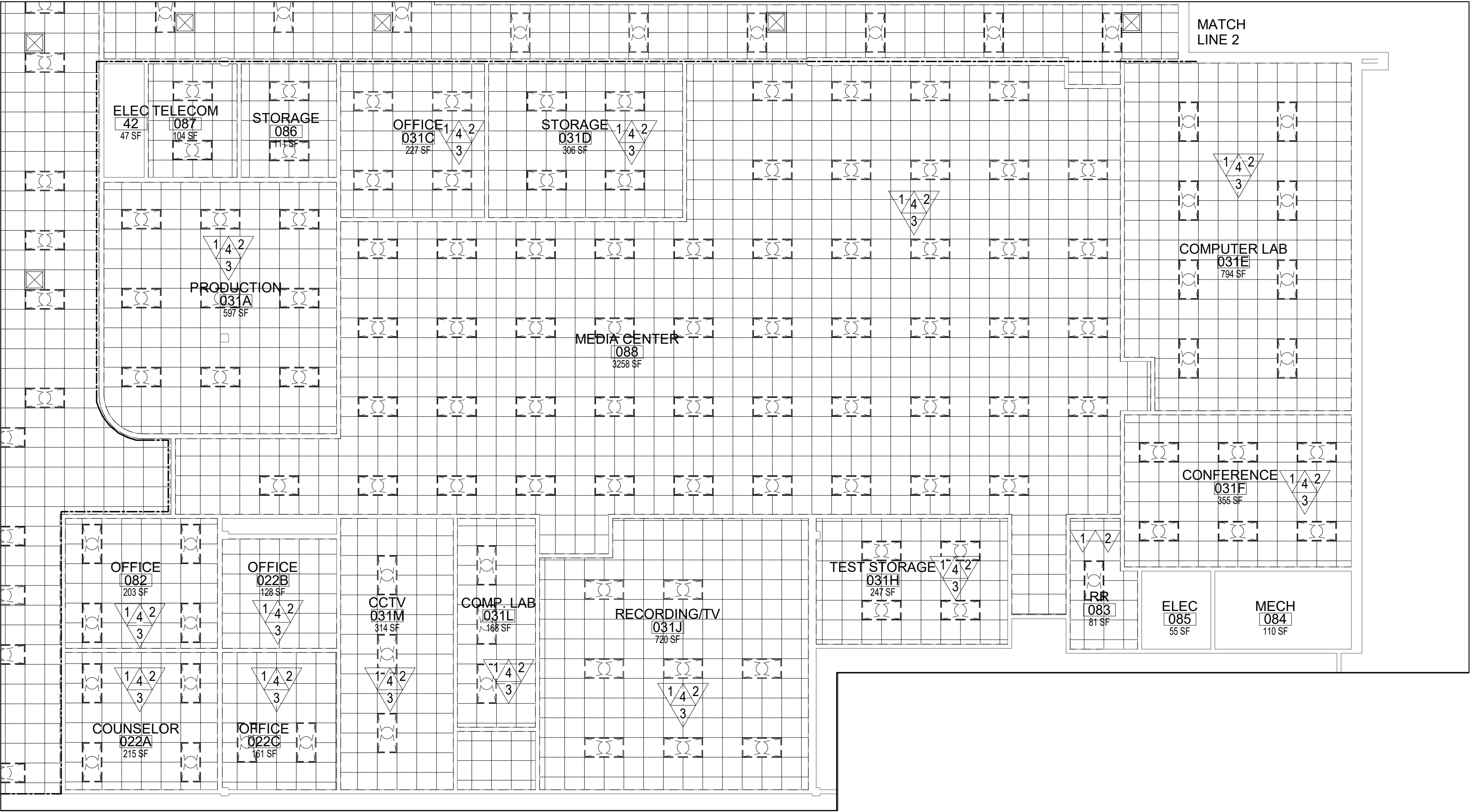
D105



DEMO SOUTHWEST REFLECTED
CEILING PLAN
1/8" = 1'-0"

DEMO NOTES

- 1 REMOVE EXISTING LIGHTS
- 2 REMOVE EXISTING ACOUSTICAL CEILINGS
- 3 REMOVE EXISTING HVAC DIFFUSERS
- 4 CEILING MOUNTED PROJECTORS ARE TO BE REMOVED BY THE SCHOOL DISTRICT MAINTENANCE PERSONNEL



DEM0 ALTERNATE REFLECTED CEILING
PLAN
1/8" = 1'-0"

- DEM0 NOTES
- 1

REMOVE EXISTING LIGHTS
- 2

REMOVE EXISTING ACOUSTICAL CEILINGS
- 3

REMOVE EXISTING HVAC DIFFUSERS
- 4

CEILING MOUNTED PROJECTORS ARE TO BE REMOVED BY THE SCHOOL DISTRICT MAINTENANCE PERSONNEL

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

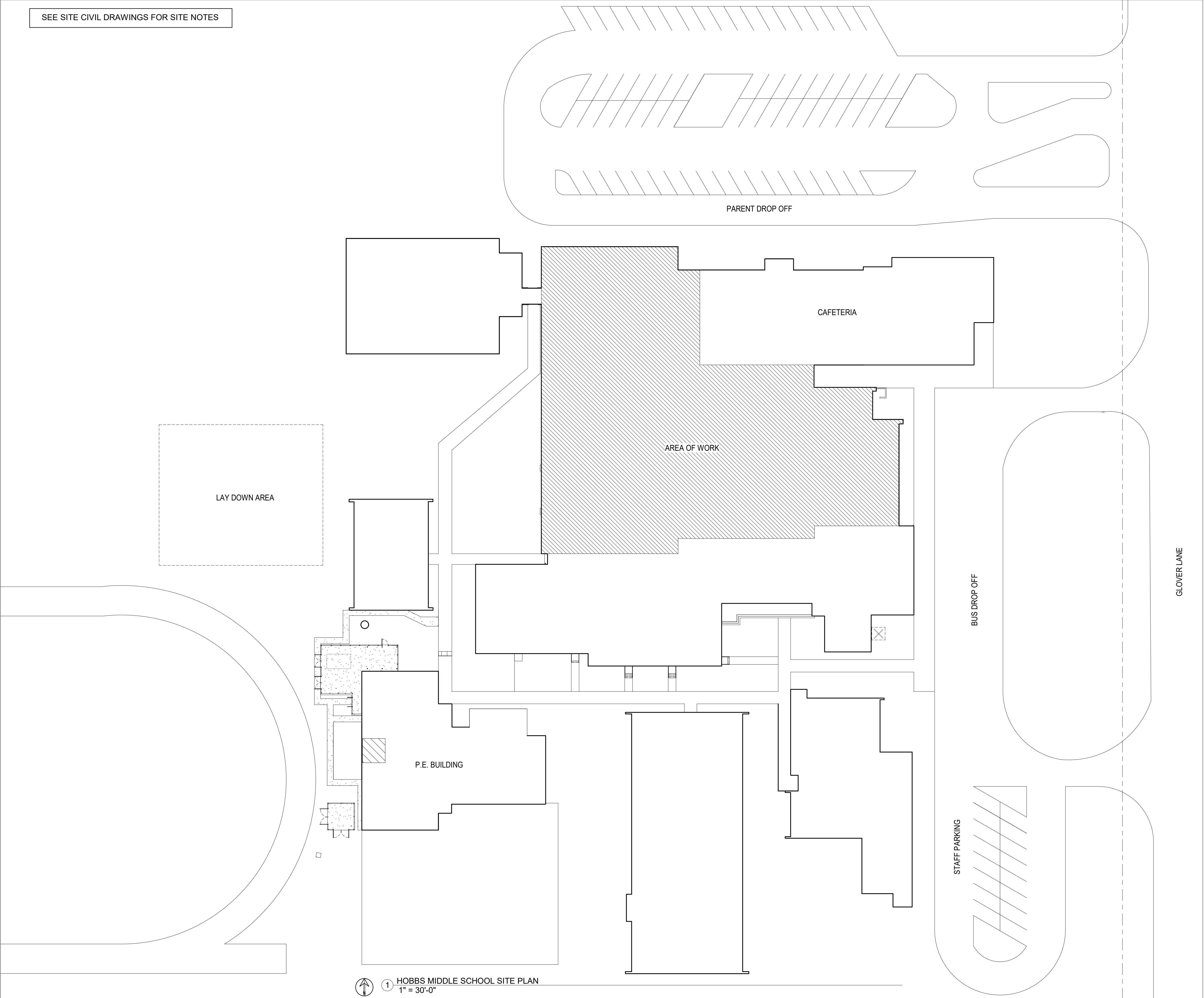
No.	Description	Date

ALT. DEMO
REFLECTED
CEILING PLAN

Date	10/07/21
Drawn By	Author
Checked By	Checker

D106

SEE SITE CIVIL DRAWINGS FOR SITE NOTES



1

HOBBS MIDDLE SCHOOL SITE PLAN
1" = 30'-0"



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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

ARCHITECTURAL SITE PLAN

Date	10/07/21
Drawn By	LM
Checked By	MM

A100



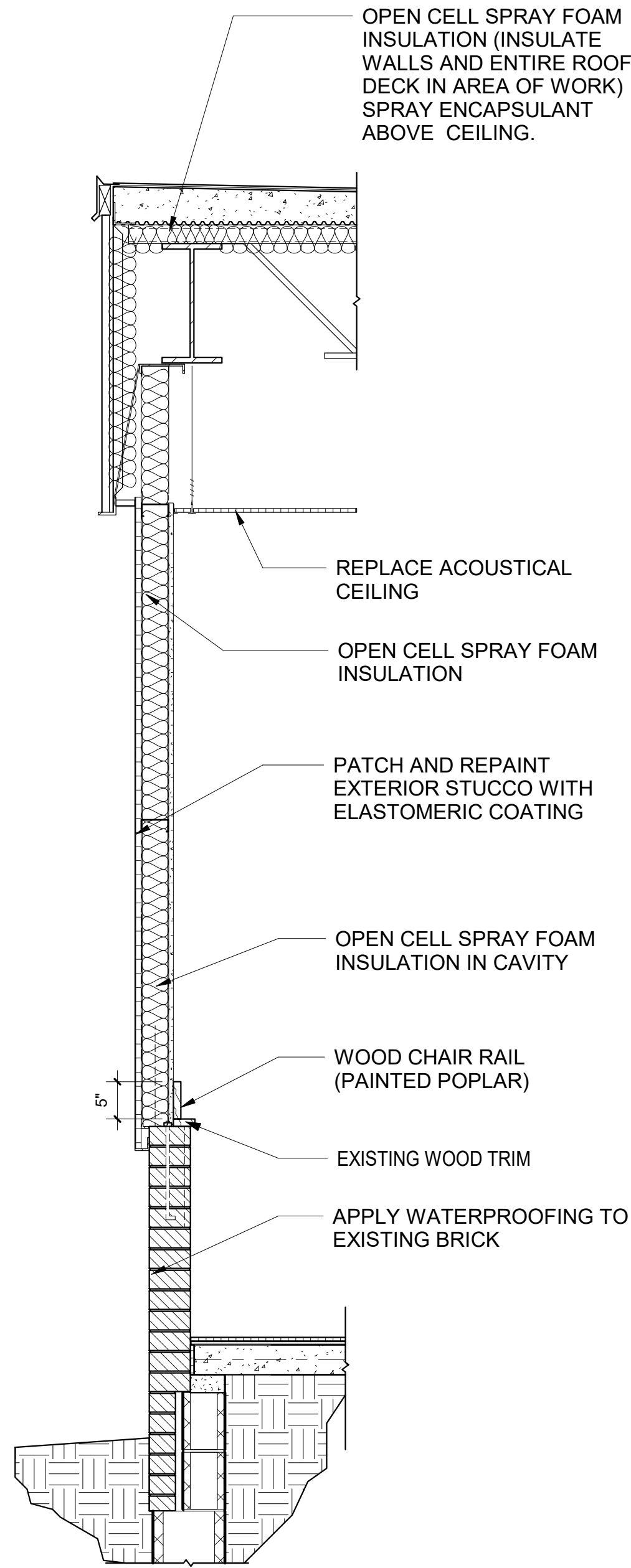
**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

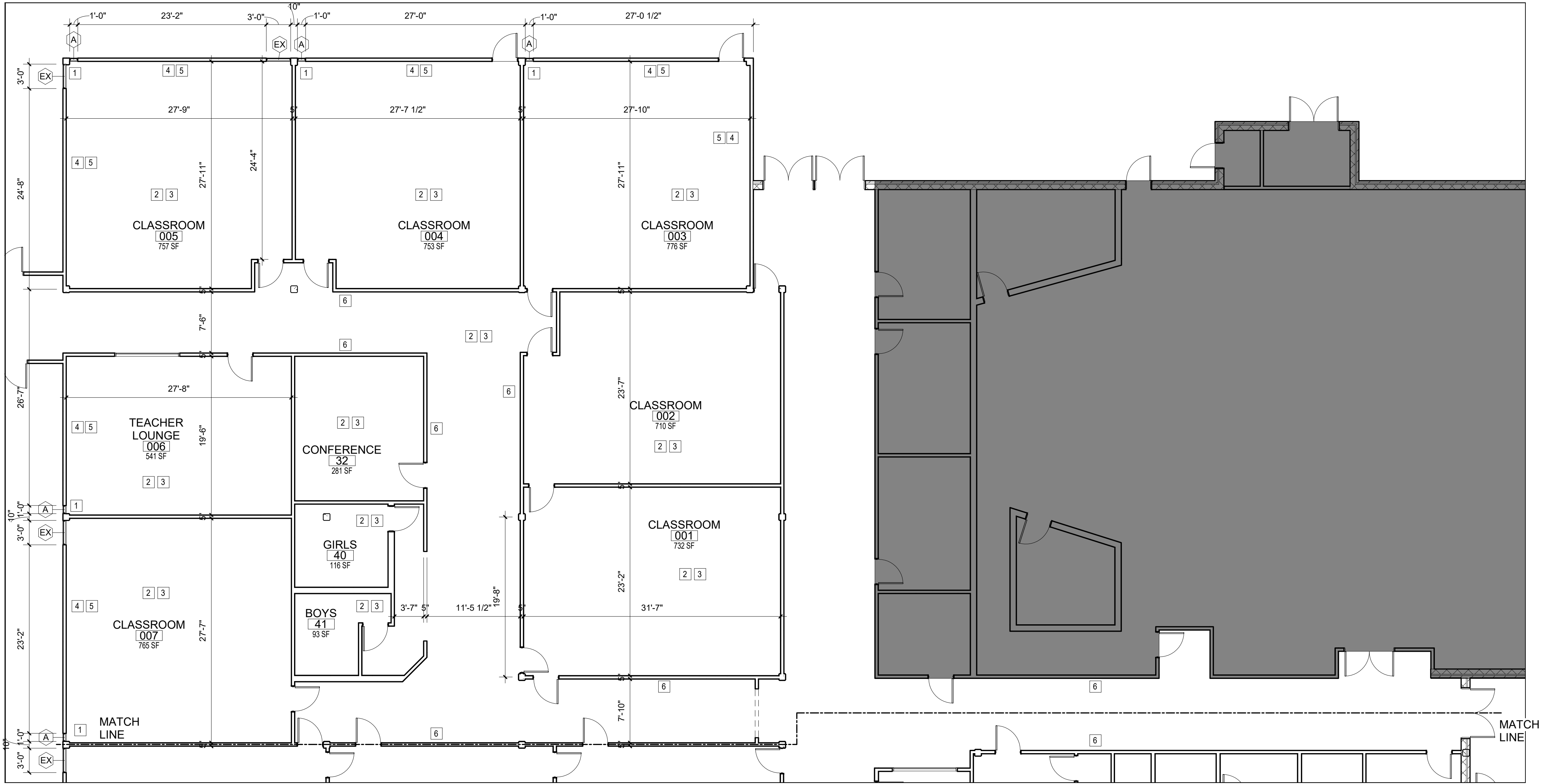
**OVERALL WORK
AREA FLOOR
PLAN**

Date	10/07/21
Drawn By	LM
Checked By	MM

A101



3 FINISHED EXTERIOR WALL SECTION
3/4" = 1'-0"



1 NORTHWEST FLOOR PLAN
1/8" = 1'-0"

- NEW WORK NOTES
- 1 REPLACE EXISTING WINDOWS WHERE INDICATED.
 - 2 INSTALL ACOUSTICAL CEILINGS DIFFUSERS AND LIGHTING.
 - 3 INSTALL OPEN SPRAY FOAM INSULATION AT ROOF DECK.
 - 4 INSTALL OPEN SPRAY FOAM INSULATION AT EXTERIOR WALLS.
 - 5 INSTALL PAINTED WOOD TRIM AT EXTERIOR WALLS.
 - 6 REPAINT ALL INTERIOR WALLS AND DOOR FRAMES WHERE INDICATED.



**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

**PARTIAL FLOOR
PLAN
NORTHWEST**

Date	10/07/21
Drawn By	LM
Checked By	MM

A102



HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

PARTIAL FLOOR
PLAN
SOUTHWEST

Date	10/07/21
Drawn By	LM
Checked By	MM

A103

① SOUTHWEST FLOOR PLAN
1/8" = 1'-0"

- NEW WORK NOTES
- 1

REPLACE EXISTING WINDOWS WHERE INDICATED.
- 2

INSTALL ACOUSTICAL CEILINGS DIFFUSERS AND LIGHTING.
- 3

INSTALL OPEN SPRAY FOAM INSULATION AT ROOF DECK.
- 4

INSTALL OPEN SPRAY FOAM INSULATION AT EXTERIOR WALLS.
- 5

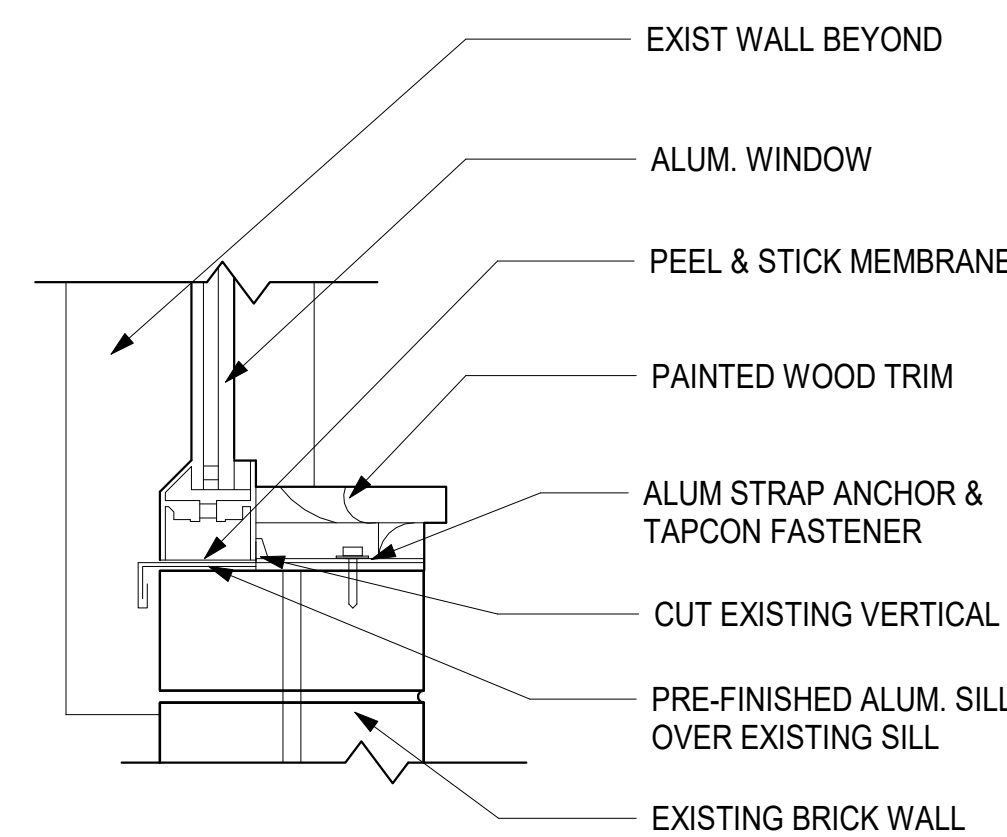
INSTALL PAINTED WOOD TRIM AT EXTERIOR WALLS.
- 6

REPAINT ALL INTERIOR WALLS AND DOOR FRAMES WHERE INDICATED.

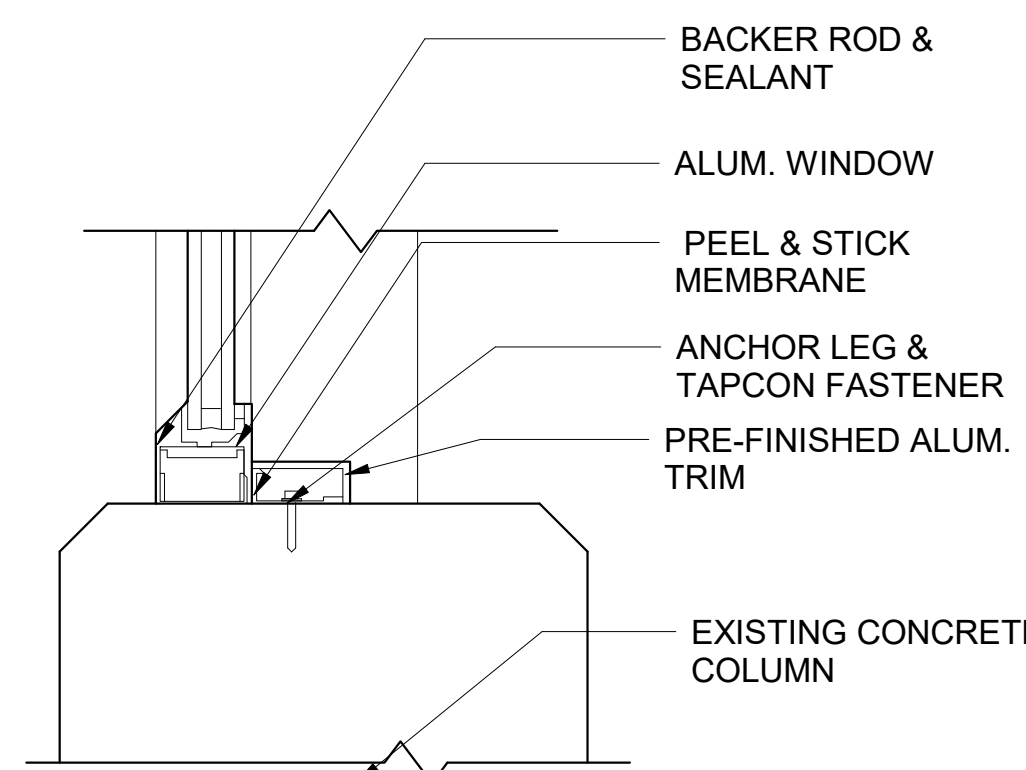


HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

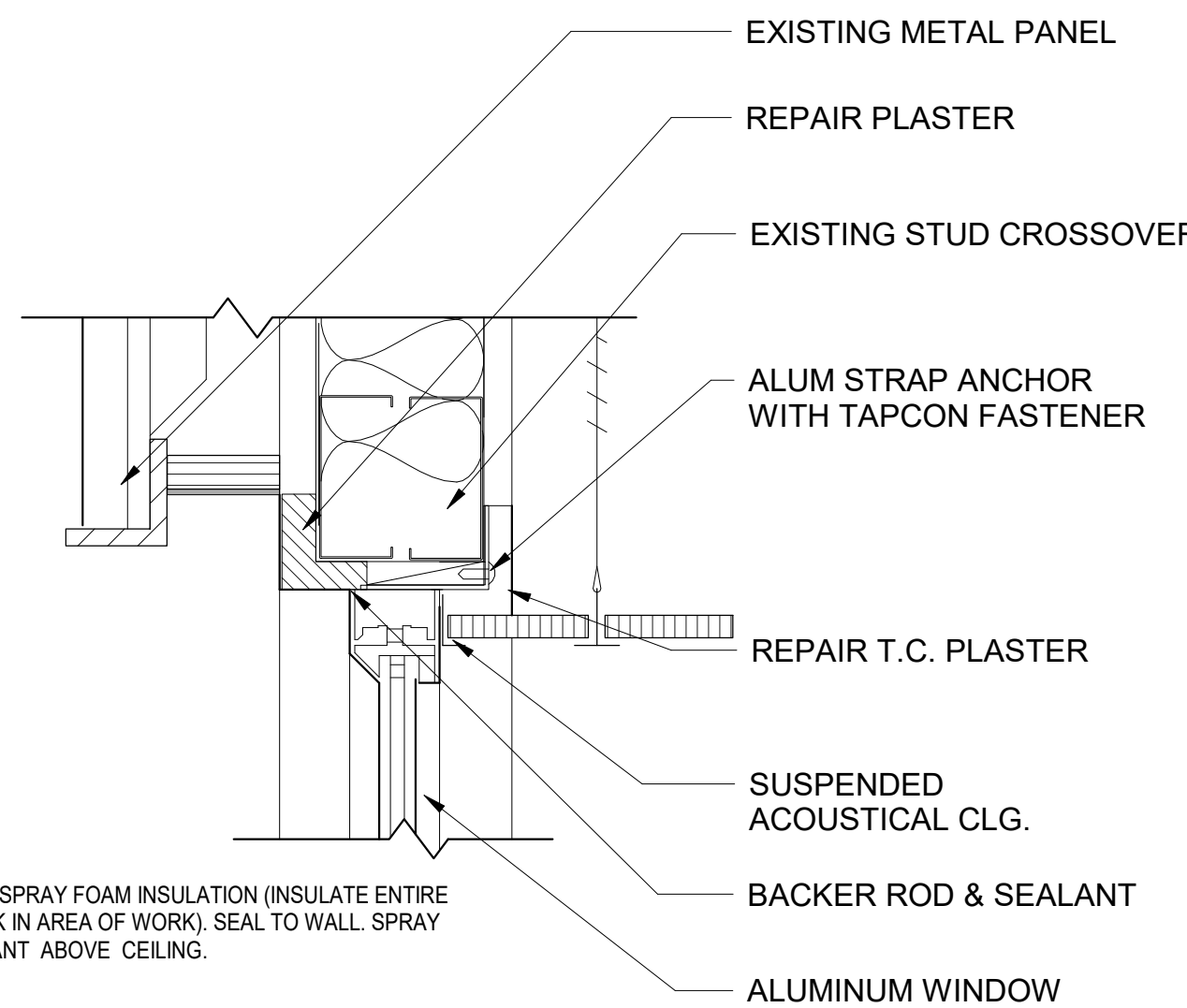
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570



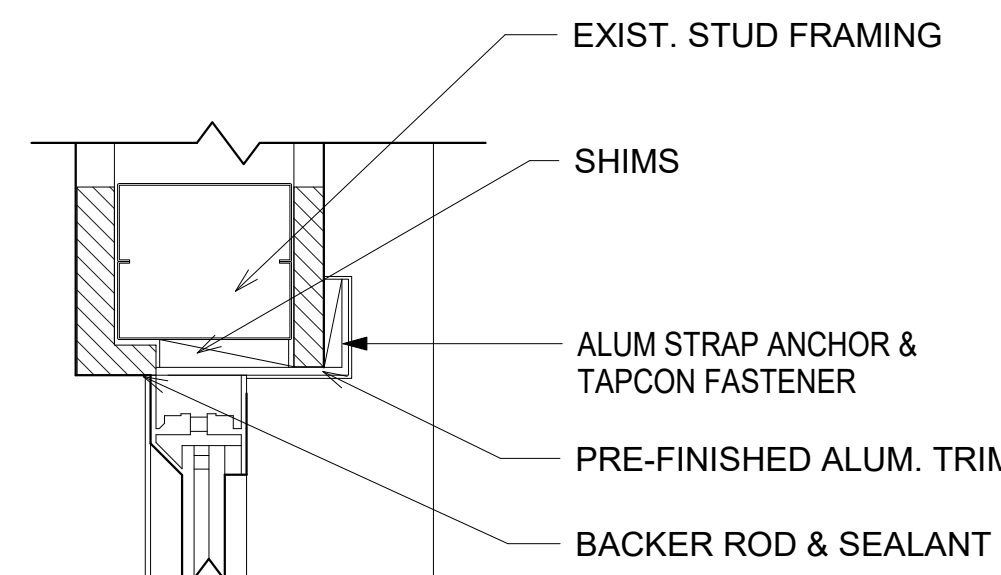
D SILL



C JAMB

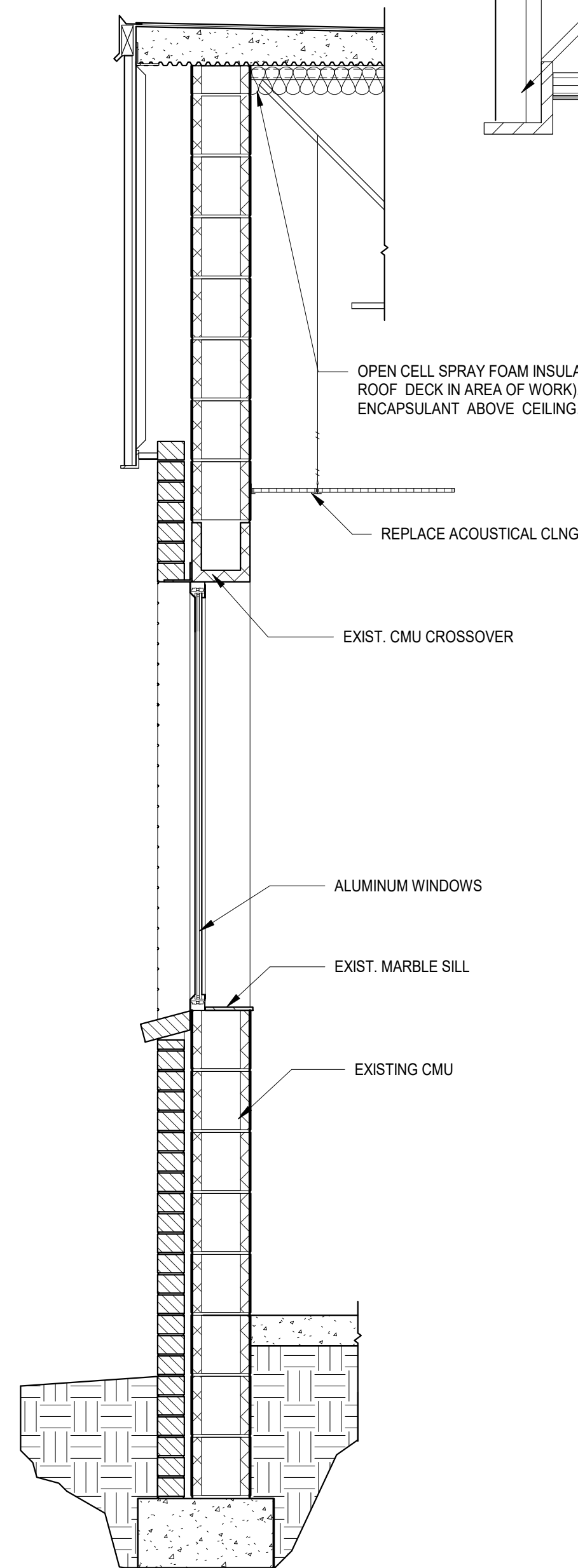


A HEAD

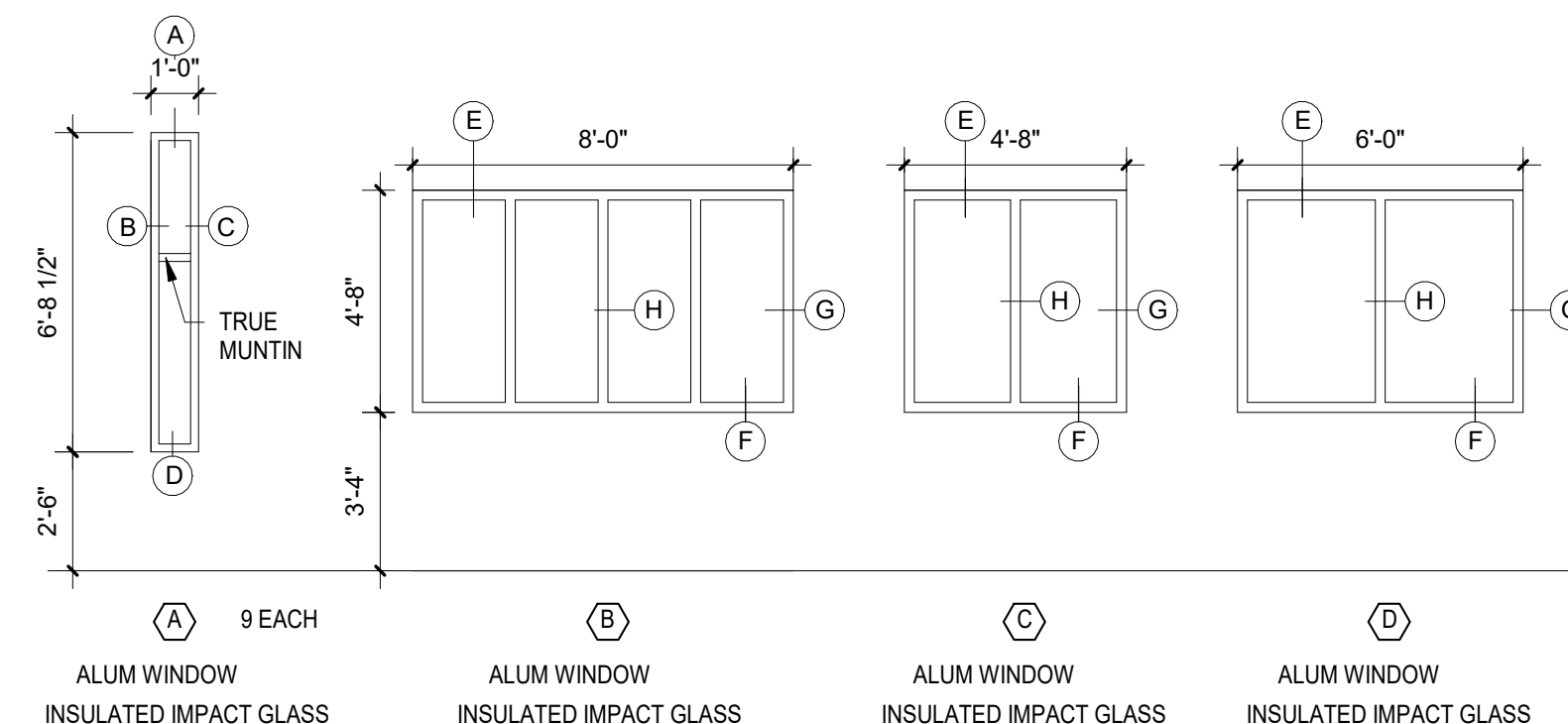


B JAMB

4 WINDOW DETAILS
3" = 1'-0"

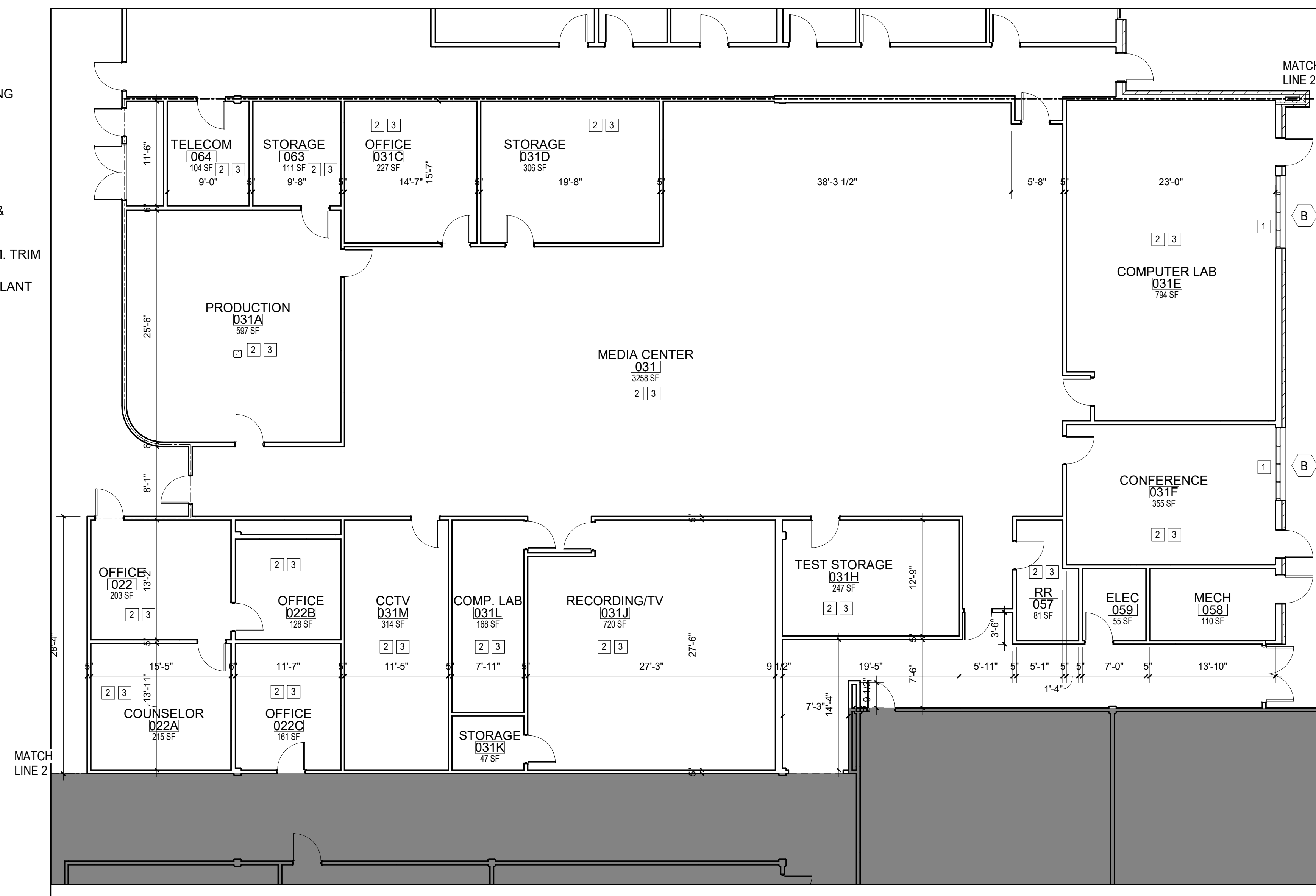


5 EXTERIOR WALL SECTION
3/4" = 1'-0"



3 WINDOW ELEVATIONS
1/4" = 1'-0"

NOTE: PROVIDE ONE ADDITIONAL WINDOW "A" BEYOND WHAT IS SHOWN ON FLOOR PLANS. THIS WINDOW TO BE INSTALLED IN CLASSROOM 019 (NOT SHOWN)



1 ALTERNATE FLOOR PLAN
1/8" = 1'-0"

NEW WORK NOTES

- REPLACE EXISTING WINDOWS WHERE INDICATED.
- INSTALL ACOUSTICAL CEILINGS DIFFUSERS AND LIGHTING.
- INSTALL SPRAY FOAM INSULATION AT ROOF DECK.

No.	Description	Date

PARTIAL FLOOR PLAN ALTERNATE #1

Date	10/07/21
Drawn By	Author
Checked By	Checker

A104

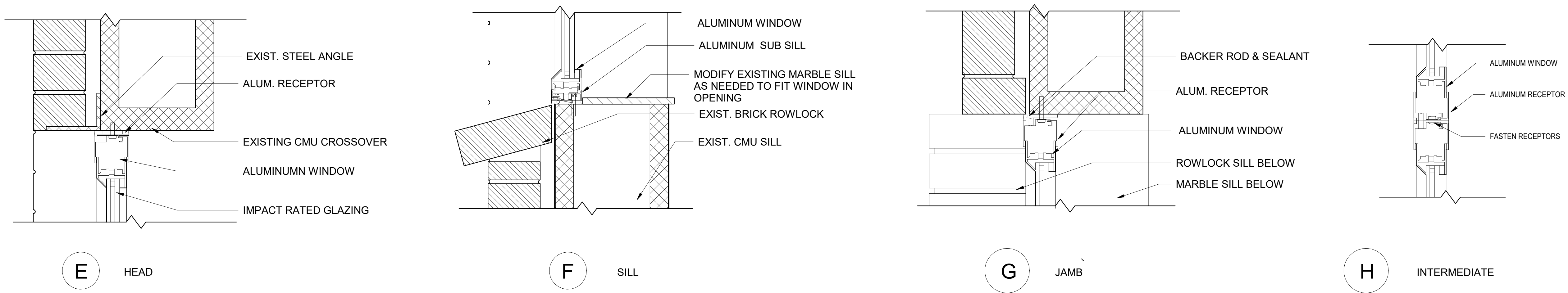
**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

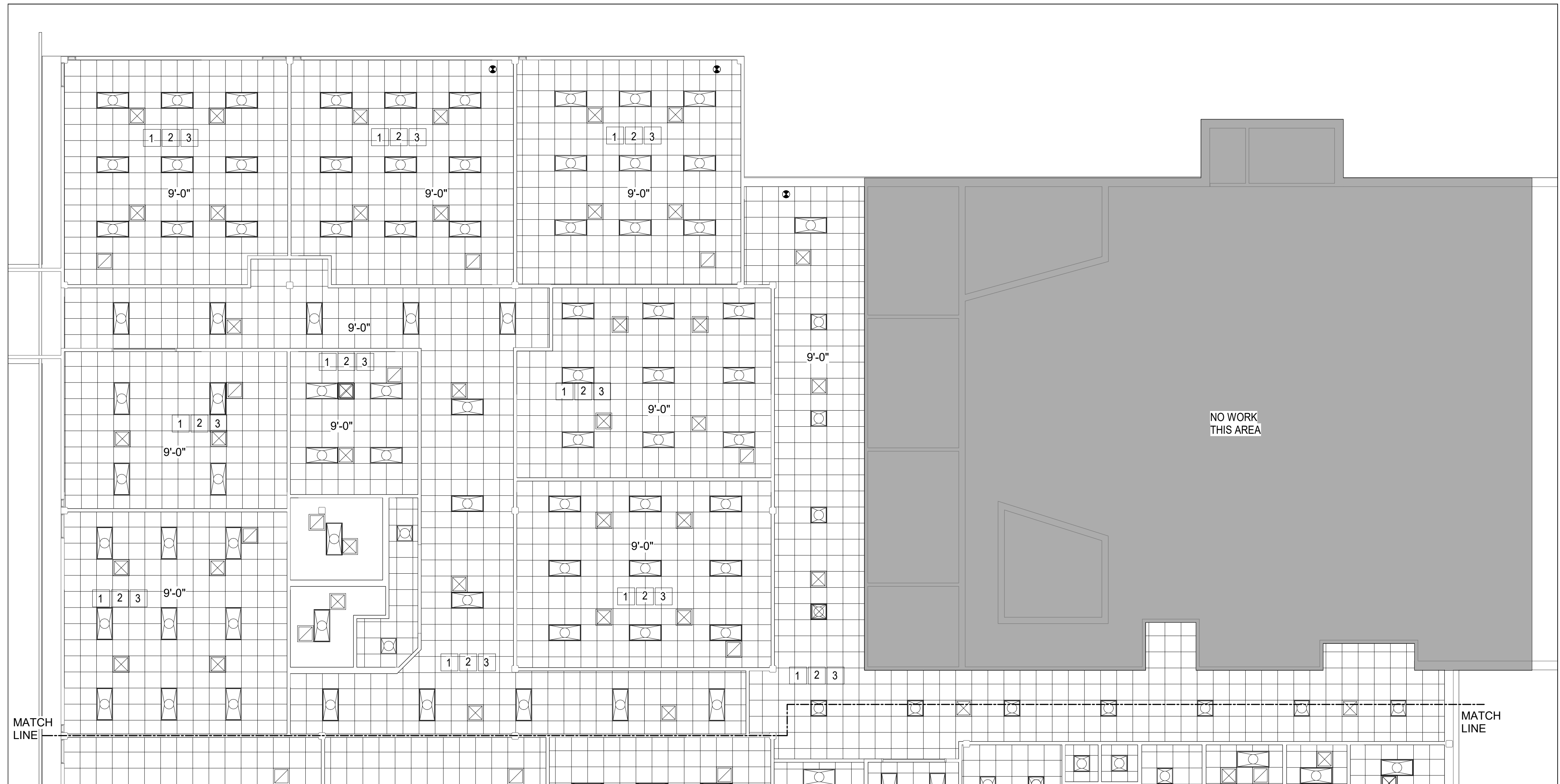
**NORTHWEST
REFLECTED
CEILING PLN**

Date 10/07/21
Drawn By Author
Checked By Checker

A105



2 WINDOW DETAILS - MASONRY WALLS
3" = 1'-0"



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

NEW WORK NOTES

- 1 INSTALL LED TROFFER LIGHTING - SEE ELECTRICAL
- 2 INSTALL ACOUSTICAL CEILINGS
- 3 INSTALL HVAC DIFFUSERS - SEE ELECTRICAL



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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570



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

NEW WORK NOTES

- 1 INSTALL LED TROFFER LIGHTING - SEE ELECTRICAL
- 2 INSTALL ACOUSTICAL CEILINGS
- 3 INSTALL HVAC DIFFUSERS - SEE ELECTRICAL

No.	Description	Date

SOUTHWEST REFLECTED CEILING PLAN

Date 10/07/21
Drawn By Author
Checked By Checker

A106



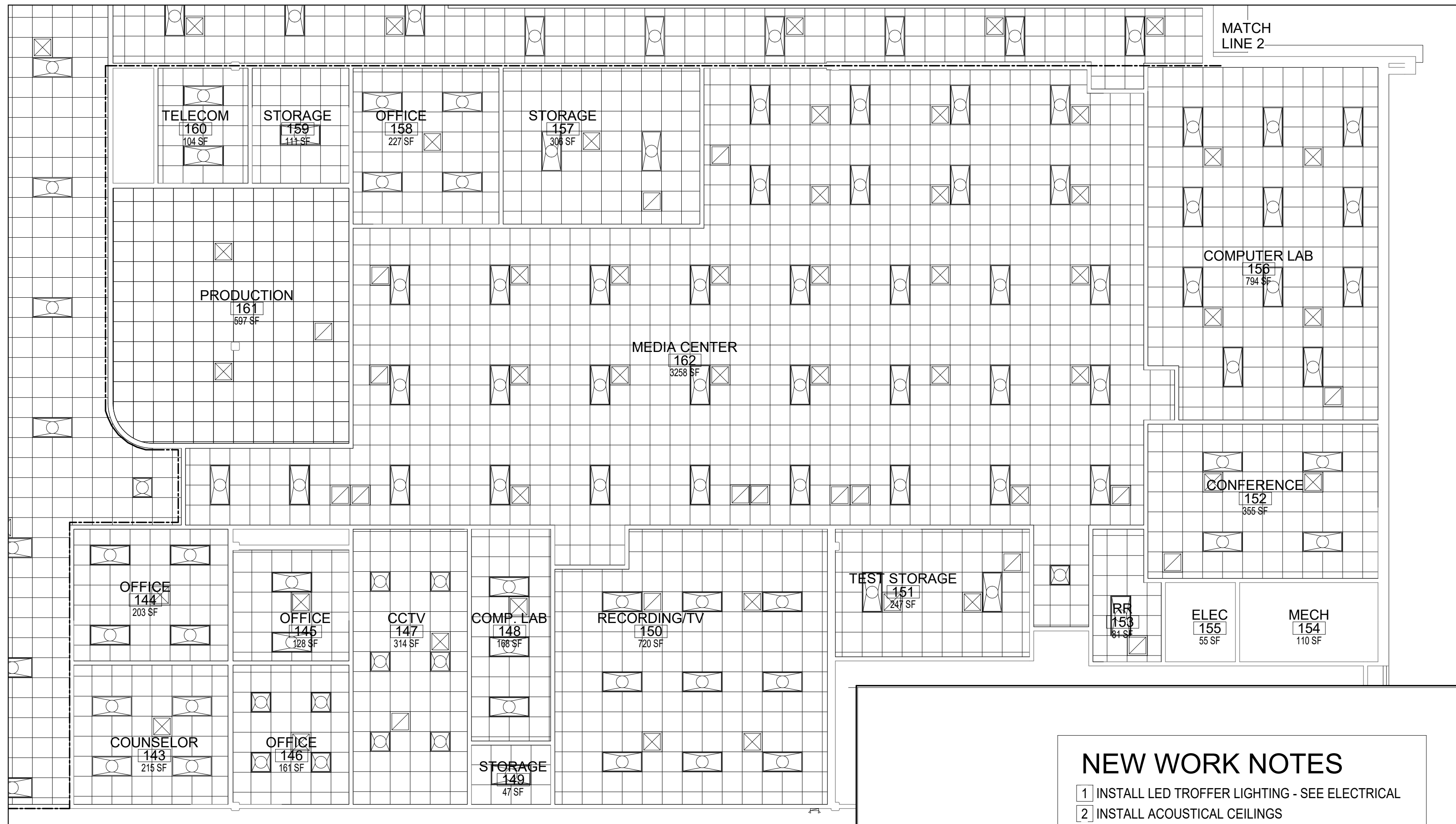
SAM MARSHALL ARCHITECTS
AA C000293

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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

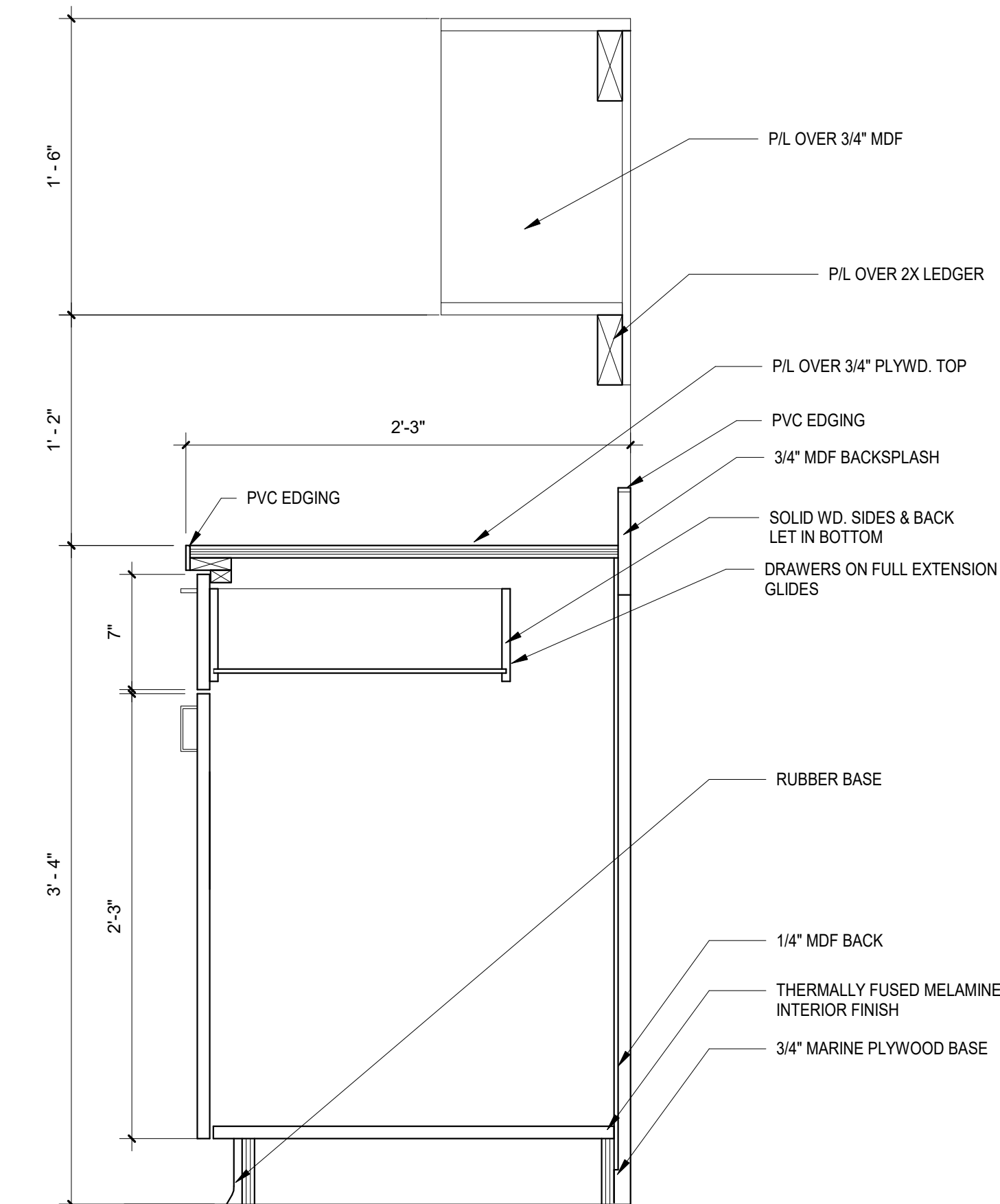
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570



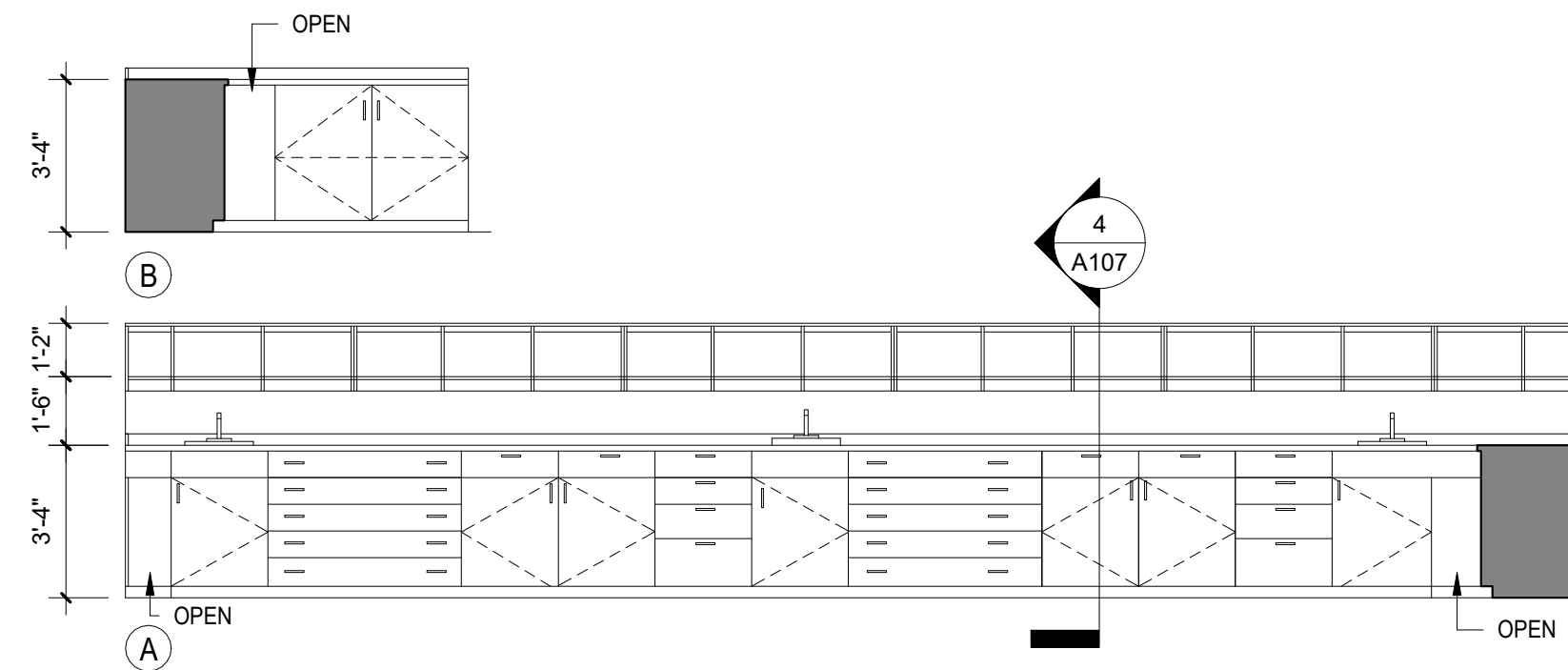
1 ALTERNATE REFLECTED CEILING PLAN
1/8" = 1'-0"

NEW WORK NOTES

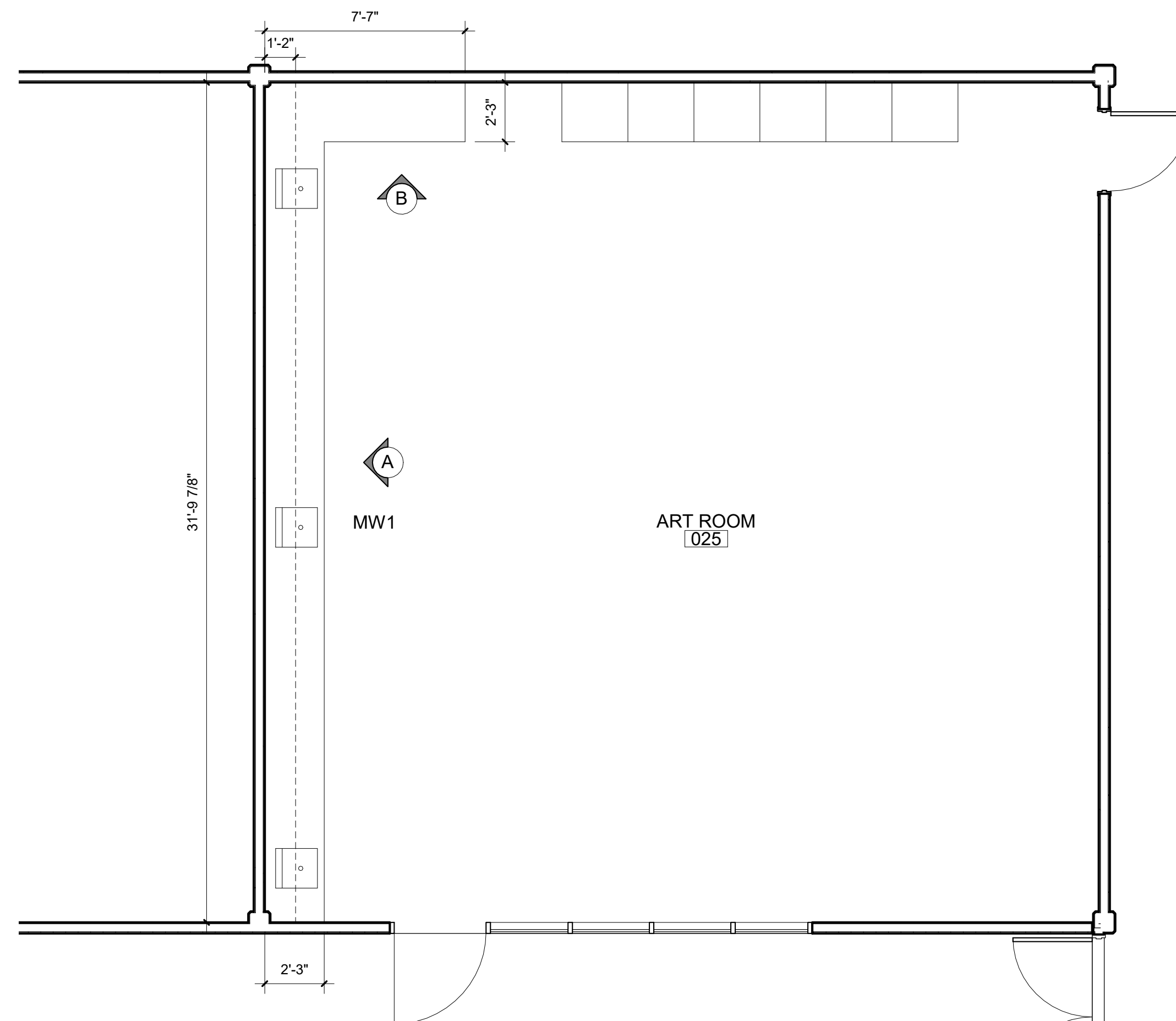
- 1 INSTALL LED TROFFER LIGHTING - SEE ELECTRICAL
- 2 INSTALL ACOUSTICAL CEILINGS
- 3 INSTALL HVAC DIFFUSERS - SEE ELECTRICAL



4 MILLWORK DETAIL
1 1/2" = 1'-0"



3 MILLWORK ELEVATIONS
1/4" = 1'-0"



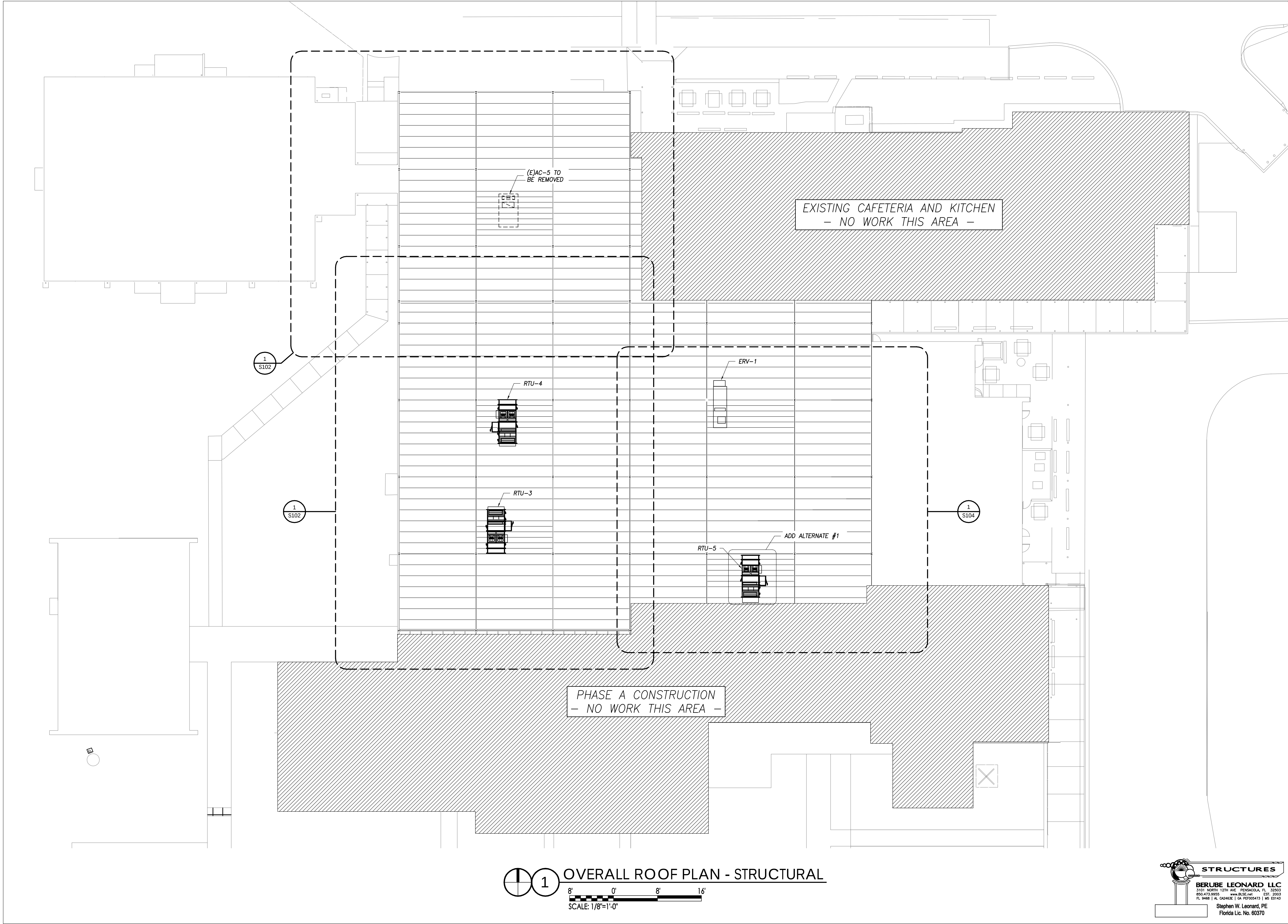
2 ART ROOM 025 MILLWORK PLAN
1/4" = 1'-0"

No.	Description	Date

ALTERNATE REFLECTED CEILING PLAN, MILLWORK

Date 10/07/21
Drawn By Author
Checked By Checker

A107



HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

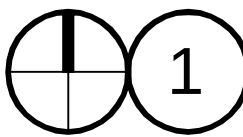
PHASE 3 SUBMITTAL
NOT FOR
CONSTRUCTION

No.	Description	Date

OVERALL
ROOF PLAN -
STRUCTURAL

Date	10/07/21
Drawn By	NRL
Checked By	SWL

S101

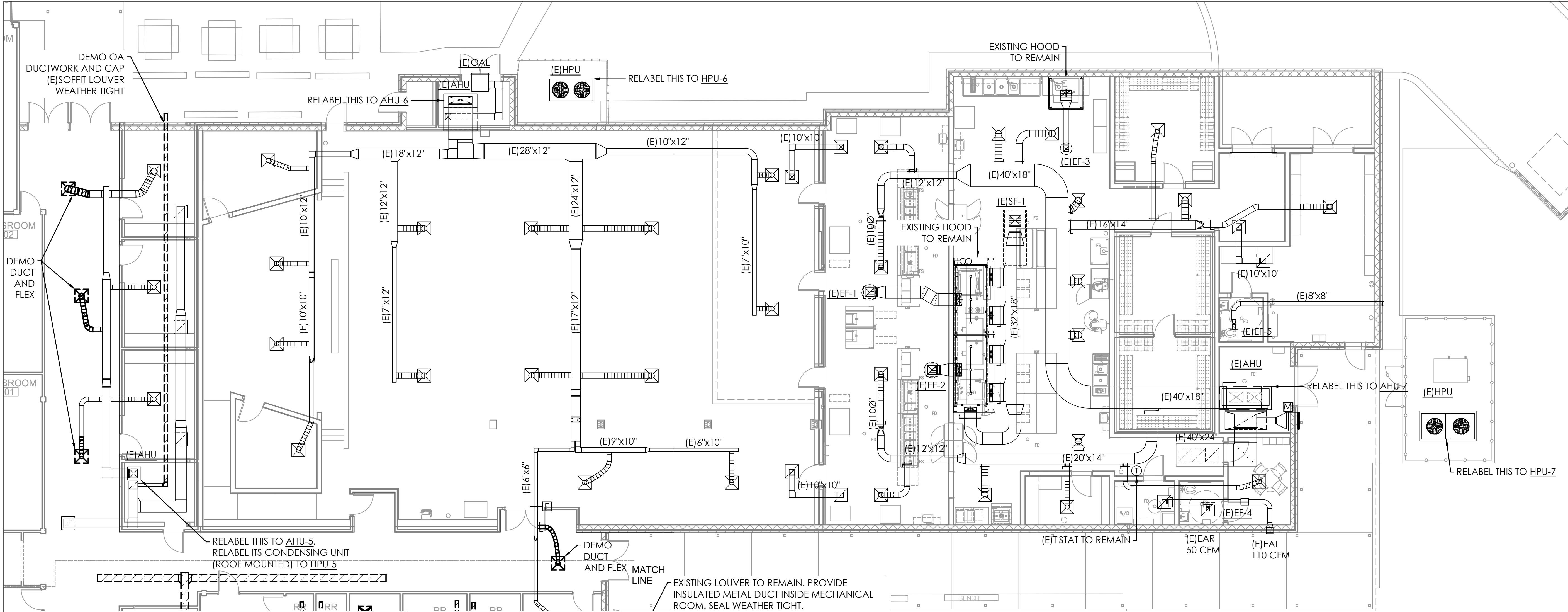


1

OVERALL ROOF PLAN - STRUCTURAL



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



MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"

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**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

PHASE 3 SUBMITTAL
NOT FOR
CONSTRUCTION

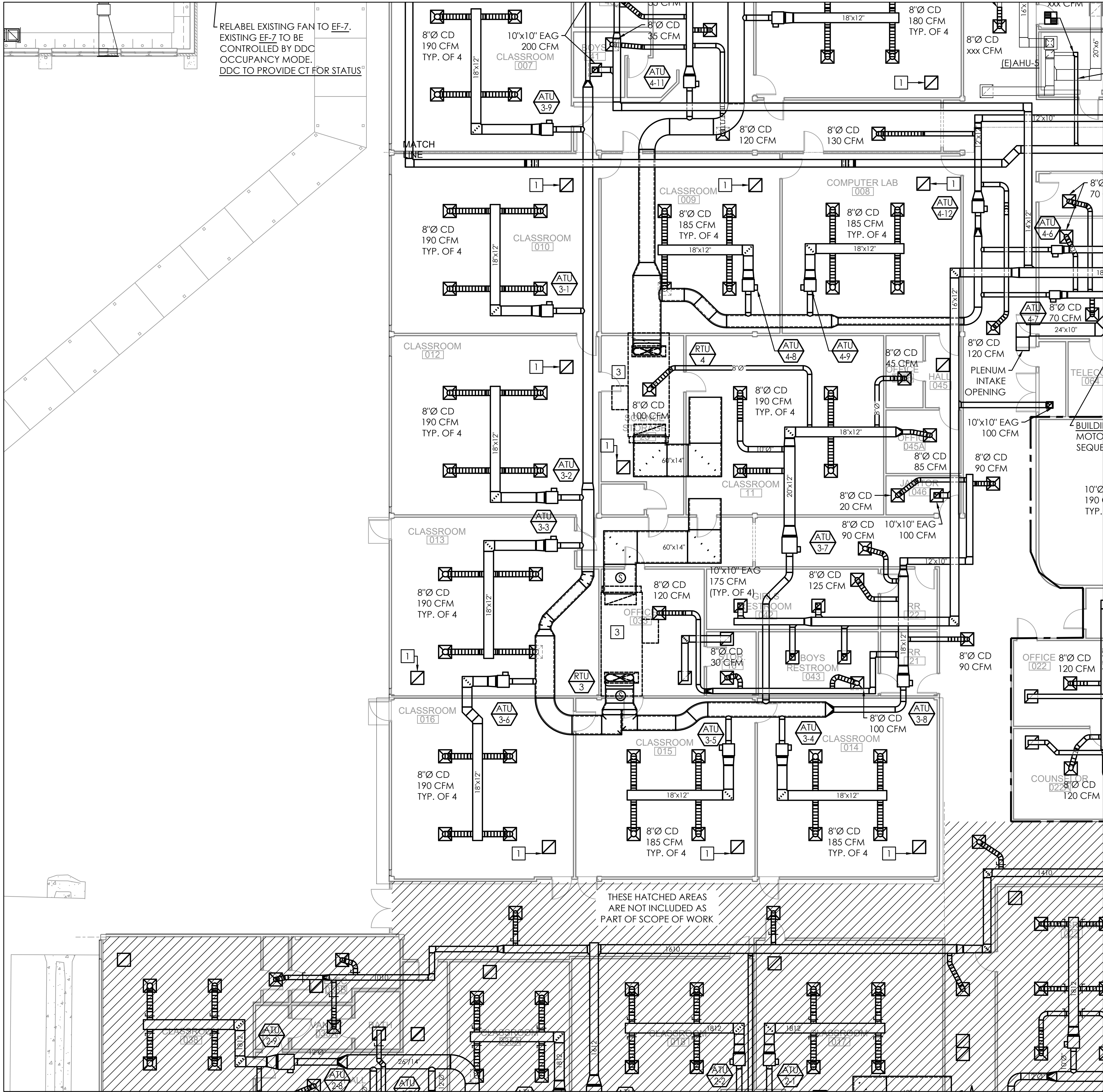
No.	Description	Date

**PARTIAL
MECHANICAL
DEMO PLAN**

Date 10/07/21
Drawn By AL
Checked By AL

M204

AL
ANTON LEE
ENGINEERING
ANTON LEE ENGINEERING, LLC
PENSACOLA, FL 32514
CERTIFICATE OF AUTHORIZATION:
FL 32794 | AL 5685-E
ANTON LEE P.E.
FL PER 82369 | AL PER 37427-E
PROJECT NUMBER 21-120



RELABEL EXISTING FAN TO EF-7.
EXISTING EF-7 TO BE
CONTROLLED BY DDC
OCCUPANCY MODE.
DDC TO PROVIDE CT FOR STATUS.

- ### GENERAL NOTES
- REFER TO ARCHITECTURAL FOR ADD ALTERNATES DESCRIPTION.
 - COORDINATE ALL WORK WITH OTHER TRADES.
 - AIR TERMINAL UNITS SHALL BE LOCATED NO HIGHER THAN 1'-0" ABOVE CEILING GRID. EACH UNIT SHALL BE LOCATED AT APPROX. 24" (HORIZONTAL DISTANCE) FROM EXTERIOR OR INTERIOR WALL FOR MAINTENANCE.
 - COORDINATE DIFFUSER AND CEILING GRID LOCATION WITH EXISTING SPRINKLER HEADS. EXISTING SPRINKLER HEADS TO BE PROTECTED DURING CONSTRUCTION. DIV. 21 SHALL RELOCATE EXISTING SPRINKLER HEADS TO ACCOMMODATE ALL CONFLICTS WITH NEW WORK.

- ### KEY NOTES
- PROVIDE 22"x22" RAG WITH 1 1/2" DIA FLEX - 72" LENGTH. EQUAL TO TITUS FLEXABOOT.
 - RETURN AIR OPENING TO THE PLENUM SPACE. PROVIDE INSULATION PER SPECS AND 1" ACOUSTIC DUCT LINER AS SHOWN.
 - ROUTE SUPPLY AND RETURN DUCTWORK TO ROOF MOUNTED HVAC UNIT. PROVIDE TRANSITION AS REQUIRED. COORDINATE LOCATION OF ROOFTOP UNIT WITH EXISTING STRUCTURAL OPENING.

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

AL
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PENSACOLA, FL 32514
CERTIFICATE OF AUTHORIZATION:
FL 32794 | AL 5685-E
ANTON LEE P.E.
FL PER 82369 | AL PER 37427-E
PROJECT NUMBER 21-120

HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

PHASE 3 SUBMITTAL
NOT FOR
CONSTRUCTION

No.	Description	Date

PARTIAL
MECHANICAL
PLAN
WEST

Date 10/07/21
Drawn By AL
Checked By AL

M301



SAM MARSHALL ARCHITECTS
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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

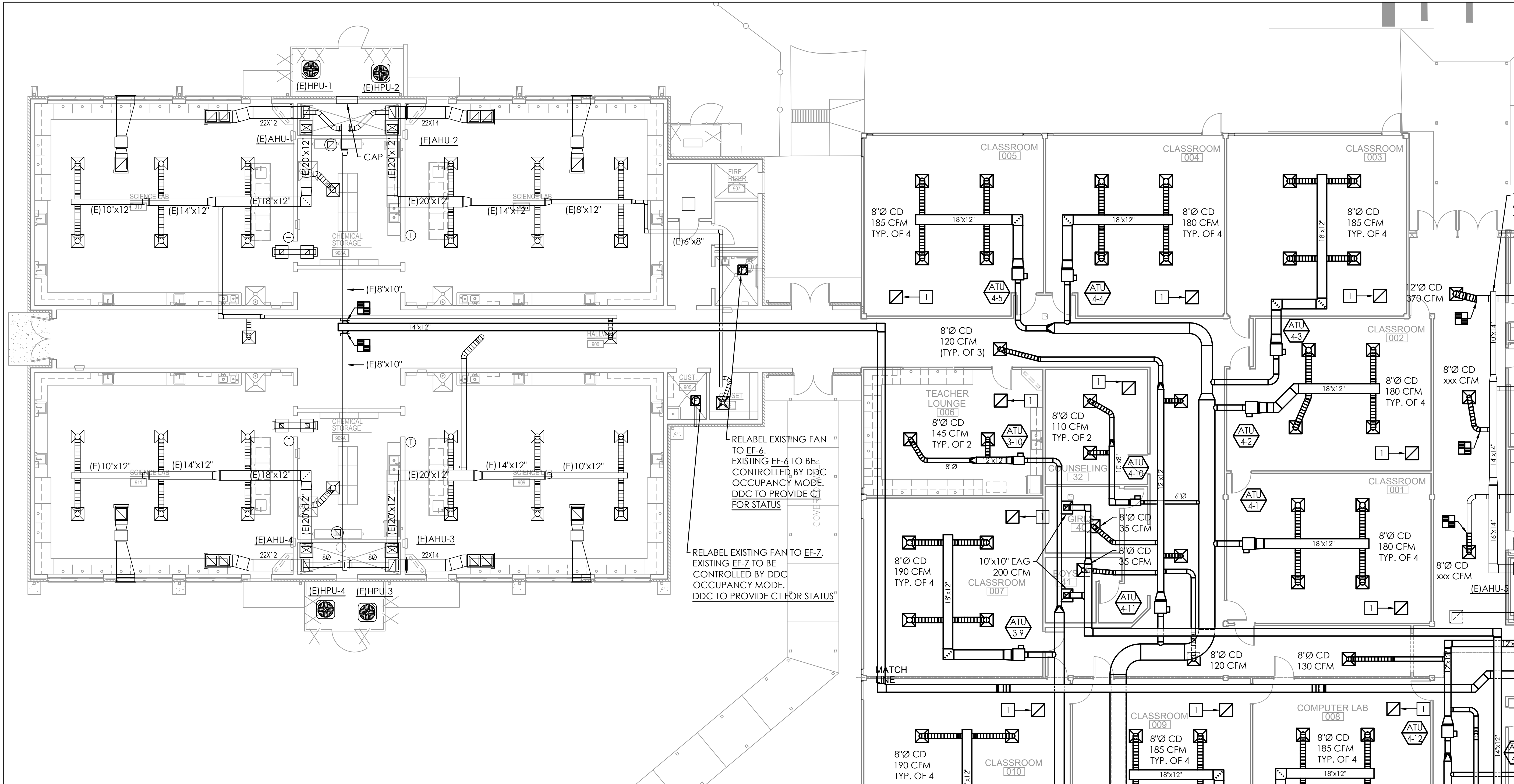
PHASE 3 SUBMITTAL
NOT FOR
CONSTRUCTION

No.	Description	Date

PARTIAL
MECHANICAL
PLAN
NORTH

Date 10/07/21
Drawn By AL
Checked By AL

M302



TAB NOTES

BALANCE THE FOLLOWING EXISTING UNITS VENTILATION RATE FROM ERV:

WING 900:
(E)AHU-1: 180 CFM
(E)AHU-2: 160 CFM
(E)AHU-3: 150 CFM
(E)AHU-4: 150 CFM

ADMIN:
(E)AHU-5: 60 CFM

DINING: 300 CFM
KITCHEN: 300 CFM

COMPUTER LAB: FCU-1: 400 CFM
CONFERENCE RM: FCU-2: 100 CFM

KEY NOTES

1. PROVIDE 22"x22" RAG WITH 16" DIA FLEX - 72" LENGTH. EQUAL TO TITUS FLEXABOOT.
2. RETURN AIR OPENING TO THE PLENUM SPACE. PROVIDE INSULATION PER SPECS AND 1" ACOUSTIC DUCT LINER AS SHOWN.
3. ROUTE SUPPLY AND RETURN DUCTWORK TO ROOF MOUNTED HVAC UNIT. PROVIDE TRANSITION AS REQUIRED. COORDINATE LOCATION OF ROOFTOP UNIT WITH EXISTING STRUCTURAL OPENING.

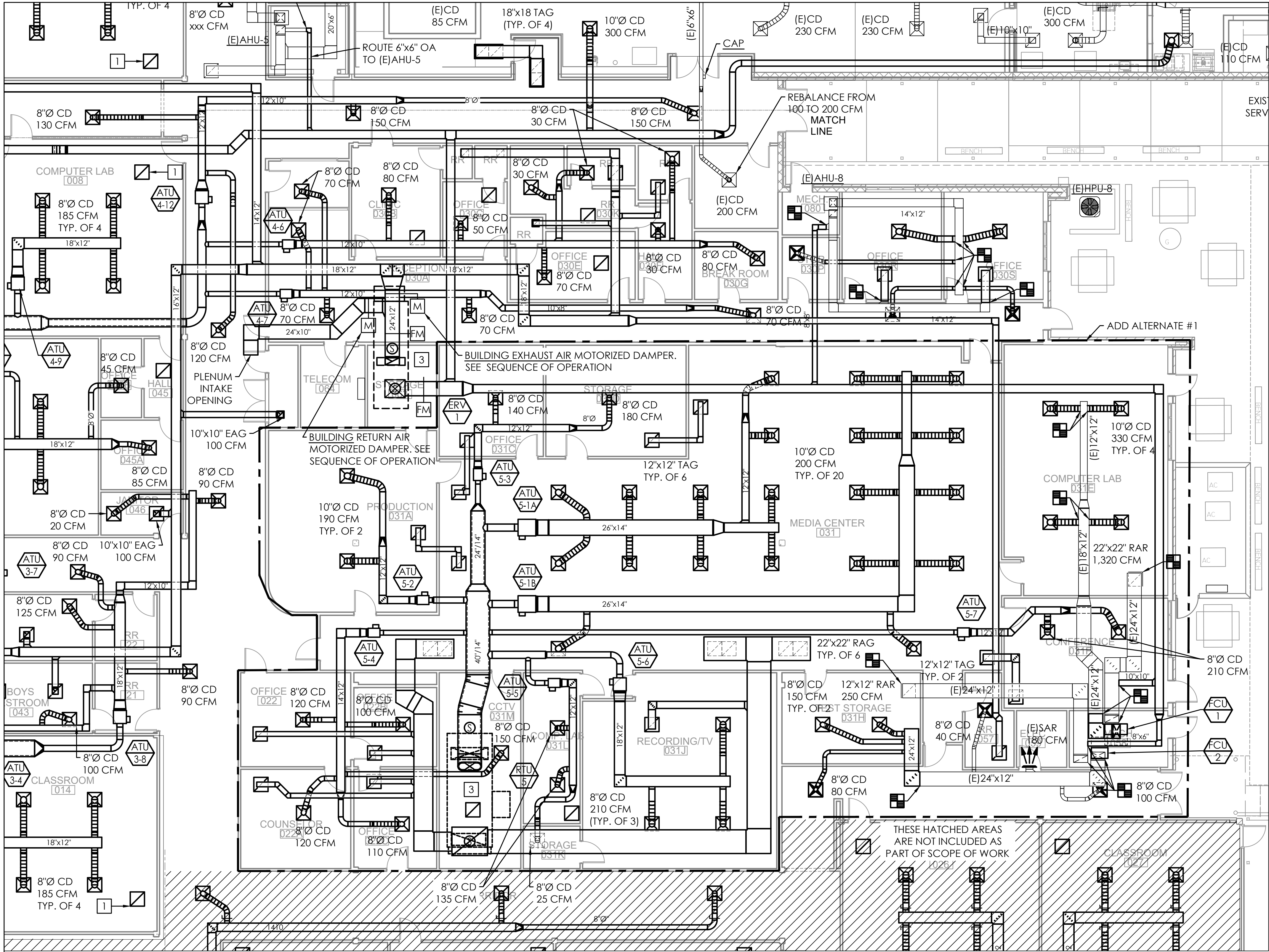
GENERAL NOTES

1. REFER TO ARCHITECTURAL FOR ADD ALTERNATES DESCRIPTION.
2. COORDINATE ALL WORK WITH OTHER TRADES.
3. AIR TERMINAL UNITS SHALL BE LOCATED NO HIGHER THAN 1'-0" ABOVE CEILING GRID. EACH UNIT SHALL BE LOCATED AT APPROX. 24" (HORIZONTAL DISTANCE) FROM EXTERIOR OR INTERIOR WALL FOR MAINTENANCE.
4. COORDINATE DIFFUSER AND CEILING GRID LOCATION WITH EXISTING SPRINKLER HEADS. EXISTING SPRINKLER HEADS TO BE PROTECTED DURING CONSTRUCTION. DIV. 21 SHALL RELOCATE EXISTING SPRINKLER HEADS TO ACCOMMODATE ALL CONFLICTS WITH NEW WORK.

MECHANICAL PLAN
8' 0' 8' 16'
SCALE: 1/8"=1'-0"

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PROJECT NUMBER 21-120



- GENERAL NOTES
1.

REFER TO ARCHITECTURAL FOR ADD ALTERNATES DESCRIPTION.
2.

COORDINATE ALL WORK WITH OTHER TRADES.
3.

AIR TERMINAL UNITS SHALL BE LOCATED NO HIGHER THAN 1'-0" ABOVE CEILING GRID. EACH UNIT SHALL BE LOCATED AT APPROX. 24" (HORIZONTAL DISTANCE) FROM EXTERIOR OR INTERIOR WALL FOR MAINTENANCE.
4.

COORDINATE DIFFUSER AND CEILING GRID LOCATION WITH EXISTING SPRINKLER HEADS. EXISTING SPRINKLER HEADS TO BE PROTECTED DURING CONSTRUCTION. DIV. 21 SHALL RELOCATE EXISTING SPRINKLER HEADS TO ACCOMMODATE ALL CONFLICTS WITH NEW WORK.

- KEY NOTES
- 1

PROVIDE 22"x22" RAG WITH 16" DIA FLEX - 72" LENGTH. EQUAL TO TITUS FLEXABOOT.
- 2

RETURN AIR OPENING TO THE PLENUM SPACE. PROVIDE INSULATION PER SPECS AND 1" ACOUSTIC DUCT LINER AS SHOWN.
- 3

ROUTE SUPPLY AND RETURN DUCTWORK TO ROOF MOUNTED HVAC UNIT. PROVIDE TRANSITION AS REQUIRED. COORDINATE LOCATION OF ROOFTOP UNIT WITH EXISTING STRUCTURAL OPENING.

1

MECHANICAL PLAN

8'

0'

8'

16'

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

HOBBS MIDDLE SCHOOL

ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT

5317 GLOVER LANE, MILTON, FL 32570

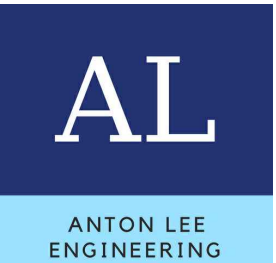
PHASE 3 SUBMITTAL
NOT FOR
CONSTRUCTION

No.	Description	Date

PARTIAL
MECHANICAL
PLAN
ALTERNATE 1

Date 10/07/21
Drawn By AL
Checked By AL

M303



ANTON LEE ENGINEERING, LLC
PENSACOLA, FL 32514
CERTIFICATE OF AUTHORIZATION:
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ANTON LEE P.E.
FL PER 82369 | AL PER 37427-E
PROJECT NUMBER 21-120



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5317 GLOVER LANE, MILTON, FL 32570

[illegible]

Date	10/07/21
Drawn By	AL
Checked By	AL



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ANTON LEE P.E.
FL PE# 82369 | AL PE# 37427-E
PROJECT NUMBER 21-120

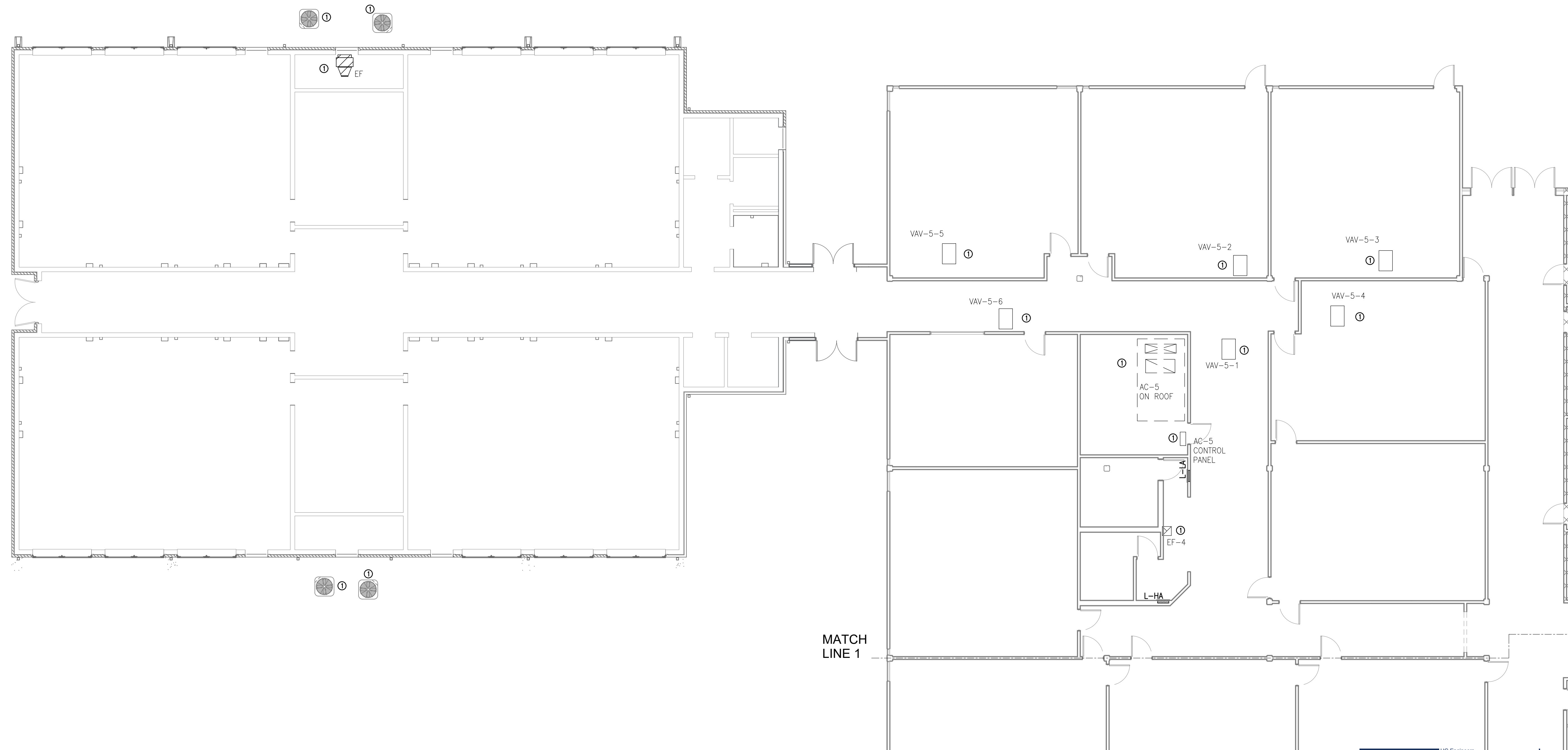


 MECHANICAL PLAN

8' 0' 8' 16'

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

ANTON LEE P.E.
FL PE# 82369 | AL PE# 37427-E
PROJECT NUMBER 21-120

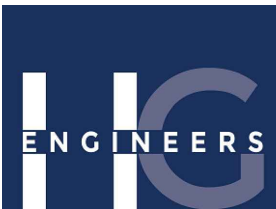


KEYNOTES

- ① DEMOLISH ALL ELECTRICAL SERVING MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE WITH MECHANICAL CONTRACTOR.
- ② DEMOLISH DISC. SERVING EQUIPMENT. PRESERVE RACEWAY AND CONDUCTORS BACK TO PANEL MPA FOR REUSE.



DEMO PLAN — MECHANICAL NORTH
1/8" = 1'-0" 0 4' 8' 16'



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Thomas A. Alexander, FL PE No 73172
Daniel J. White, FL PE No 73790

2159
Job No.

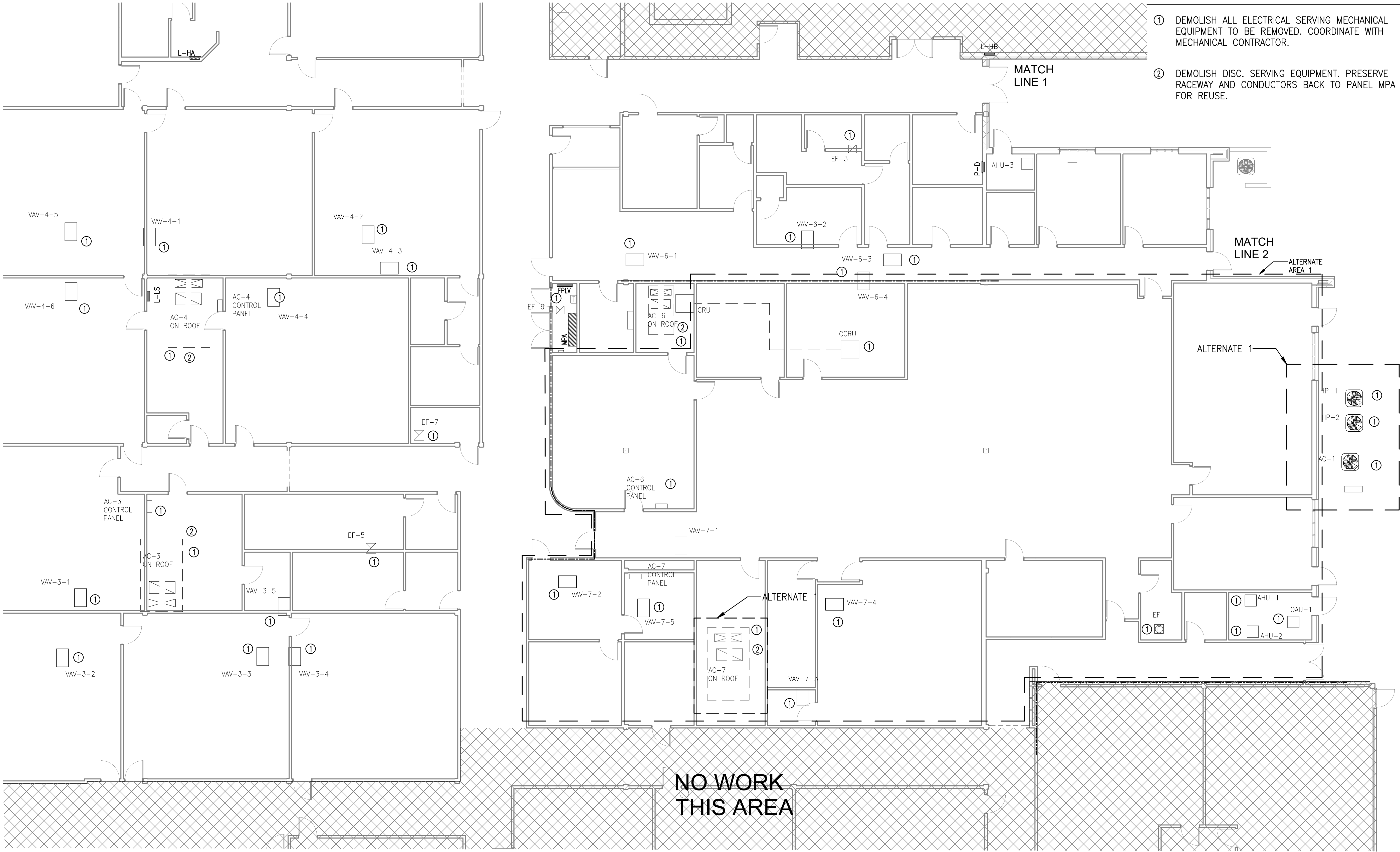
HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

DEMO PLAN -
MECHANICAL
NORTH

Date	10/07/2021
Drawn By	CM
Checked By	CL

E103



KEYNOTES

- ① DEMOLISH ALL ELECTRICAL SERVING MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE WITH MECHANICAL CONTRACTOR.
- ② DEMOLISH DISC. SERVING EQUIPMENT. PRESERVE RACEWAY AND CONDUCTORS BACK TO PANEL MPA FOR REUSE.

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

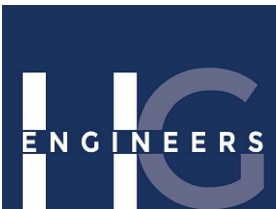
DEMO PLAN -
MECHANICAL
SOUTH AND
ALTERNATE 1

Date	10/07/2021
Drawn By	CM
Checked By	CL

E104



DEMO PLAN — MECHANICAL SOUTH AND ALTERNATE 1
1/8" = 1'-0" 0 4' 8' 16'



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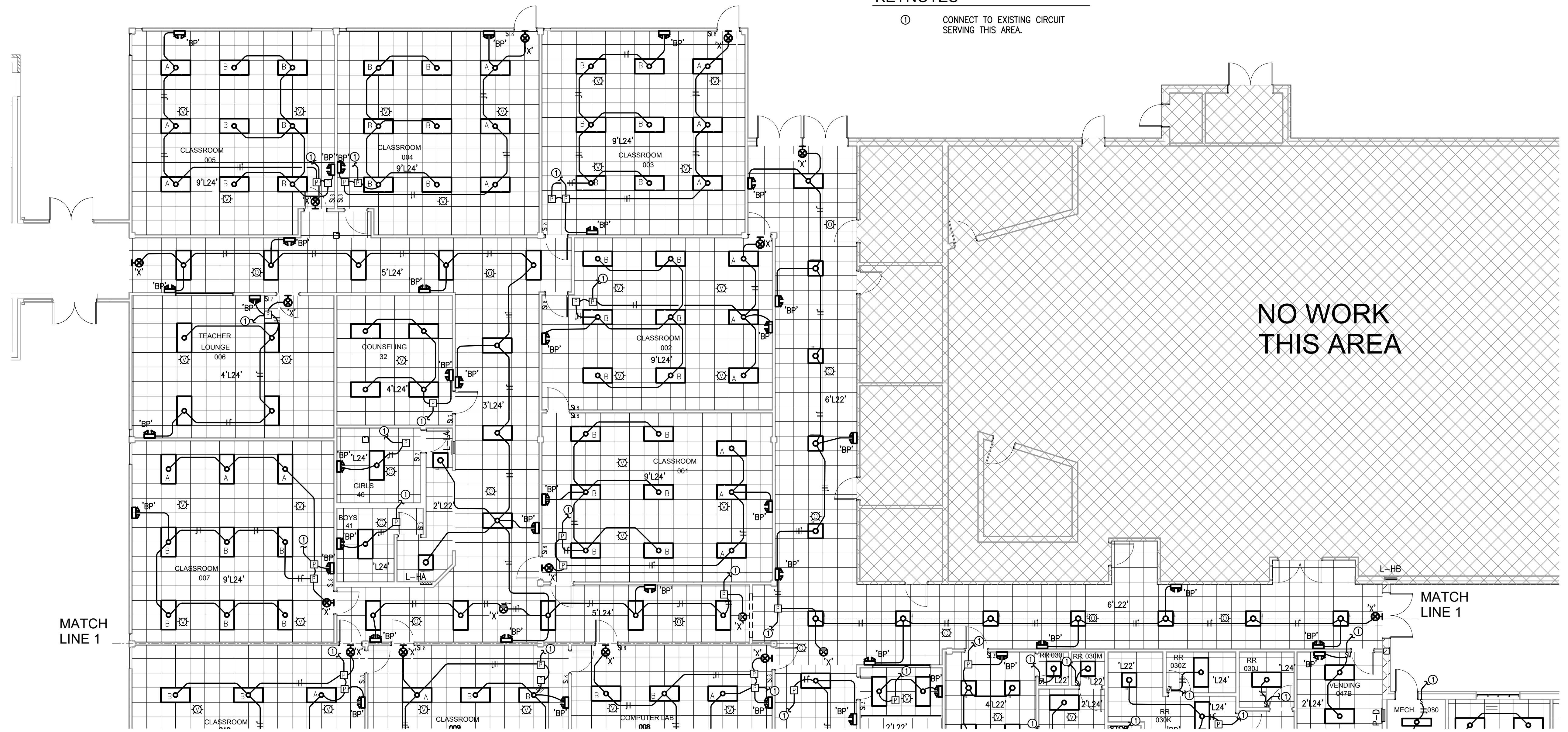
HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

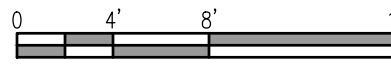
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

GENERAL NOTES:
1. ALL LIGHT SWITCHES/ WALL STATIONS SHALL BE INSTALLED AT 48" AFF TO CENTER

KEYNOTES

- ① CONNECT TO EXISTING CIRCUIT SERVING THIS AREA.



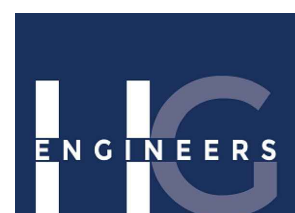
 NEW WORK — LIGHTING NORTH
1/8" = 1'-0" 

No.	Description	Date

NEW WORK - LIGHTING NORTH

Date	10/07/2021
Drawn By	CM
Checked By	CL

E201



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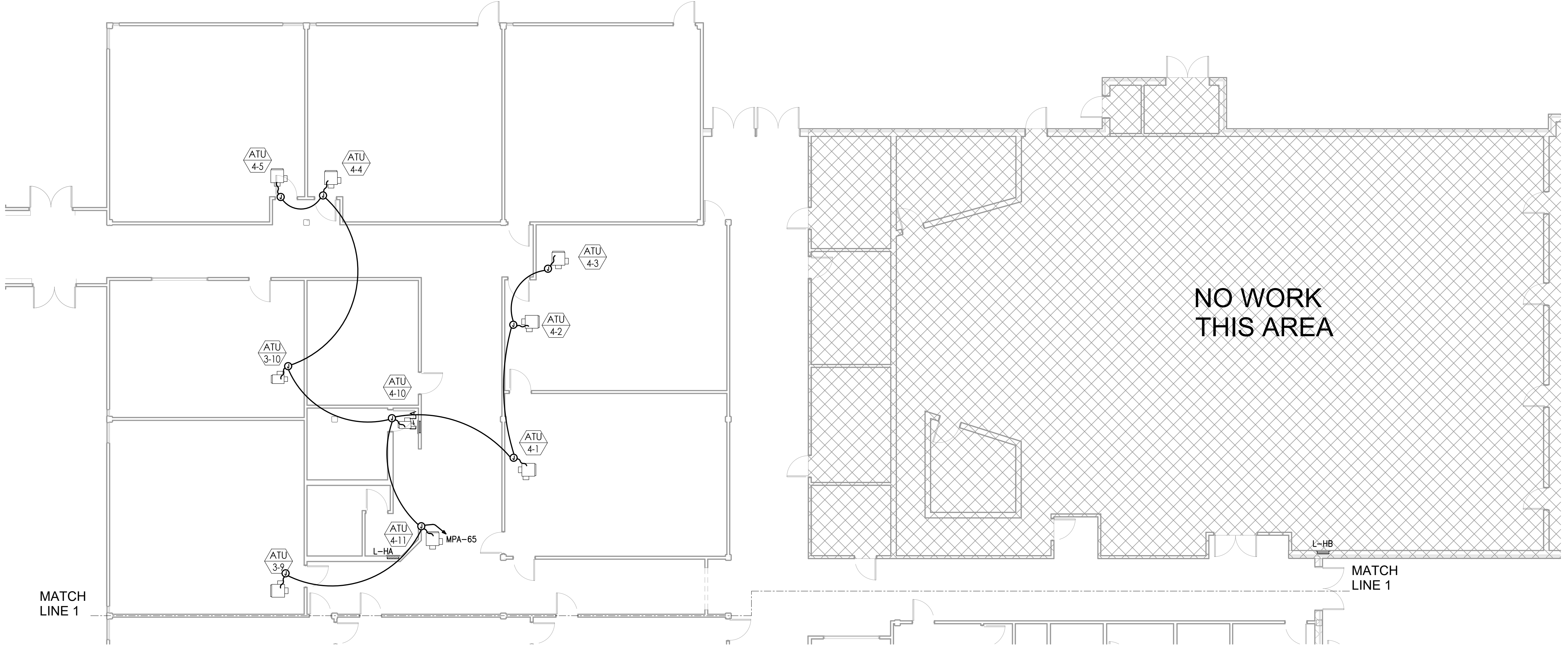
HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

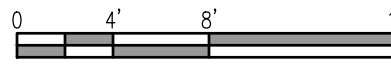
No.	Description	Date

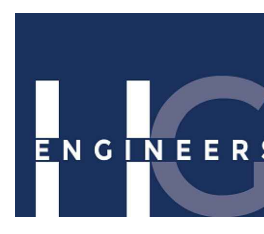
NEW WORK -
MECHANICAL
NORTH

Date	10/07/2021
Drawn By	CM
Checked By	CL

E203



 NEW WORK — MECHANICAL NORTH
1/8" = 1'-0" 

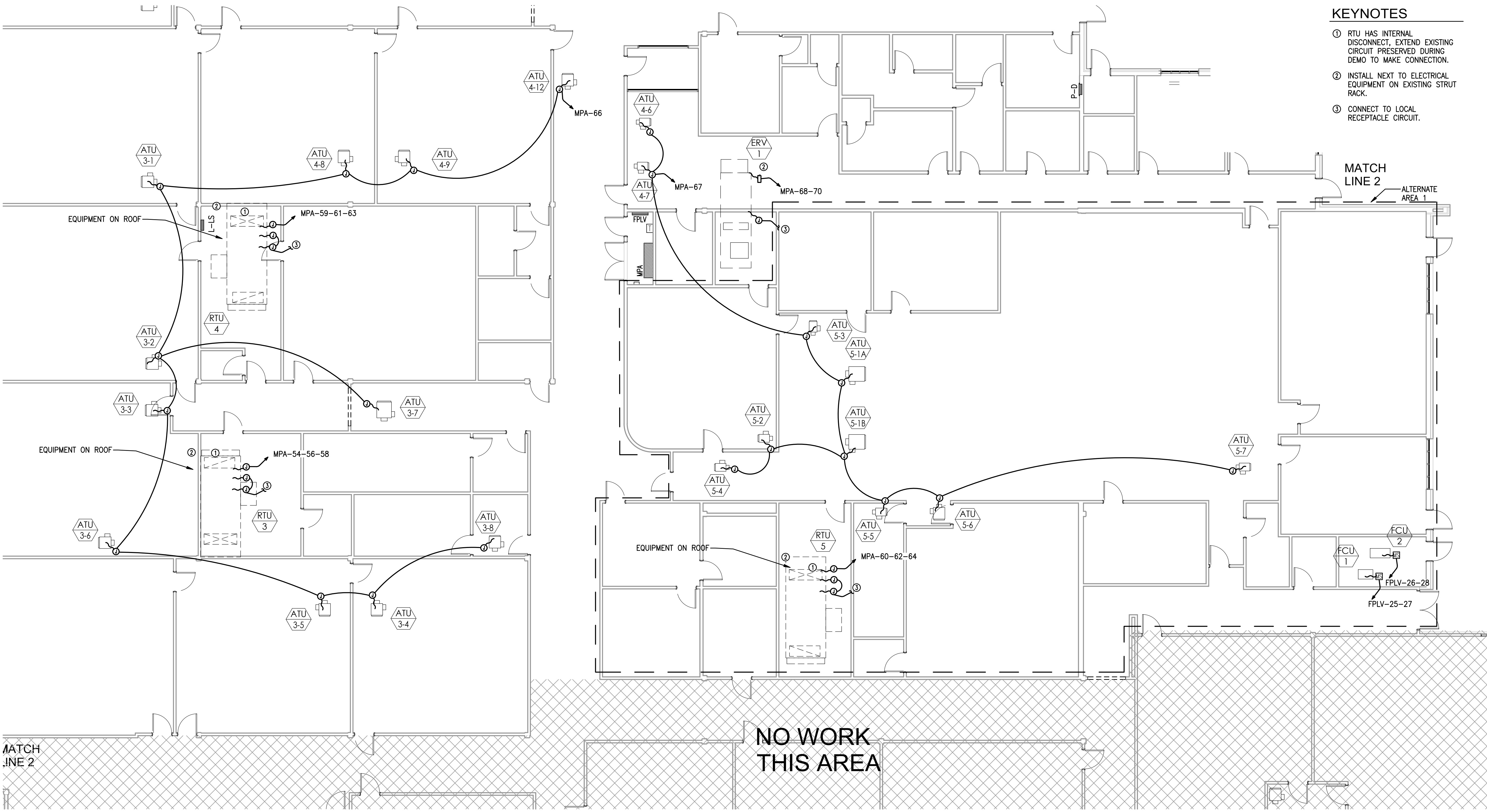


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Daniel J. White, FL PE No.73790

2159
Job No.



KEYNOTES

- ① RTU HAS INTERNAL DISCONNECT, EXTEND EXISTING CIRCUIT PRESERVED DURING DEMO TO MAKE CONNECTION.
- ② INSTALL NEXT TO ELECTRICAL EQUIPMENT ON EXISTING STRUT RACK.
- ③ CONNECT TO LOCAL RECEPTACLE CIRCUIT.

MATCH LINE 2

ALTERNATE AREA 1

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

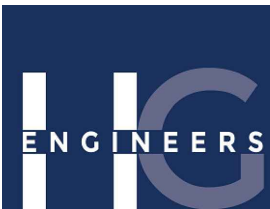
NEW WORK -
MECHANICAL
SOUTH &
ALTERNATE 1

Date	10/07/2024
Drawn By	CM
Checked By	CL

E204



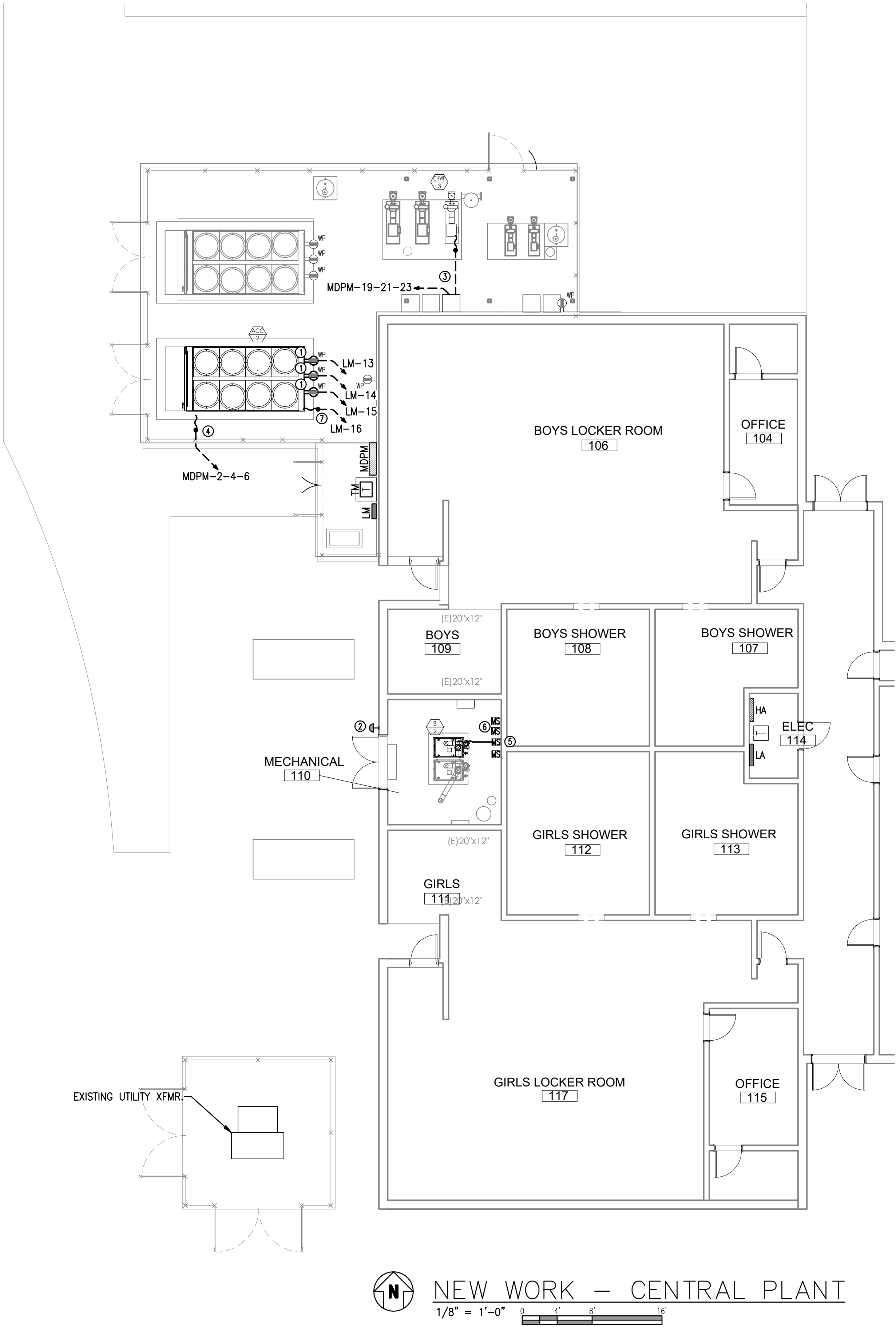
NEW WORK — MECHANICAL SOUTH & ALTERNATE 1
1/8" = 1'-0"



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2159
Job No.



- KEYNOTES**
- ④ INSTALL RECEPTACLE FOR HEAT TRACE POWER. PROVIDE IN-USE WEATHERPROOF ENCLOSURE. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. COORDINATE CIRCUITS WITH HVAC CONTROLS CONTRACTOR.
 - ⑤ PROVIDE NEW BOILER "EMERGENCY STOP" SWITCH ADJACENT TO DOOR. CONNECT SWITCH SUCH THAT POWER TO BOILER(S) SHALL BE DE-ENERGIZED COMPLETELY UPON ACTIVATION AND SHALL REQUIRE MANUAL RESET TO RE-ENERGIZE BOILER CIRCUIT. CONNECT TO BOILER CONTROLS. COORDINATE WITH BOILER MFR AND MECH CONTRACTOR. PROVIDE RED PHENOLIC WITH WHITE LABEL DIRECTLY ABOVE SWITCH THAT SHALL READ "BOILER EMERGENCY - OFF SWITCH". CONNECT SHUT-DOWN WIRING TO TERMINALS ON BOILER CONTROLS SPECIFICALLY PROVIDED FOR BOILER SHUT DOWN.
 - ⑥ PROVIDE 2" CONDUIT AND PULL RIBBON FOR FUTURE EQUIPMENT. CONDUIT SHALL EXTEND FROM PANEL MDPM TO FUTURE VFD LOCATION AND STUB UP FOR CONNECTION. CONDUIT SHALL ALSO EXTEND FROM FUTURE VFD LOCATION TO FUTURE EQUIPMENT PAD AND STUB UP FOR CONNECTION. PROVIDE CAP ON ALL STUB-UPS. REFER TO PVC STUB-UP DETAIL.
 - ⑦ PROVIDE TWO(2) 3" CONDUITS AND PULL RIBBON FOR FUTURE EQUIPMENT. STUB-UP AND CAP CONDUIT. HOMERUN TO PANEL MDPM. REFER TO PVC STUB-UP DETAIL.
 - ⑧ LABEL AS "FUTURE BOILER".
 - ⑨ PROVIDE FOUR(4) 3/4" CONDUITS AND PULL RIBBON FOR FUTURE HEAT TRACE AND UNIT HEATER. STUB UP AND CAP CONDUIT. HOMERUN TO PANEL LM. REFER TO PVC STUB UP DETAIL.
 - ⑩ DISCONNECTS FOR ISOLATION VALVE. ONE FOR B-1, ONE FOR FUTURE B-2.

**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**

SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

**NEW WORK -
CENTRAL
PLANT**

Date	10/07/2021
Drawn By	CM
Checked By	CL

E205