

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)

206	ROOM NUMBER	1	DEMOLITION NOTE	1	DETAIL NUMBER		WALL TYPE
105	DOOR NUMBER	1	CONSTRUCTION NOTE	A4	BUILDING SECTION/ WALL SECTION		ELEVATION
A	WINDOW TYPE	1 A4	DETAIL NUMBER SHEET NUMBER		BUILDING ELEVATION/INTERIOR ELEVATION		

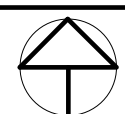
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AREA MAP

5317 GLOVER LANE, MILTON, FL 32570



HOBBS MIDDLE SCHOOL

ENERGY UPGRADES - PHASE B

PHASE 1 SUBMITTAL

JULY 15, 2021

PRODUCT APPROVAL NUMBERS

FL-10388R3 KAWNEER SWINGING DOOR
ASSEMBLIES

FL-21420 WINCO 1150S FIXED & CASEMENT WINDOWS

FL-16355-R1 CECO SWINGING DOOR
ASSEMBLIES

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 2017 SIXTH EDITION

EXISTING BUILDING CODE 2017 SIXTH EDITION

FLORIDA FIRE PREVENTION CODE, 2017
SIXTH EDITION

FLORIDA PLUMBING CODE, 2017 SIXTH EDITION

FLORIDA MECHANICAL CODE, 2017 SIXTH EDITION

NATIONAL ELECTRIC CODE NFPA 70, 2014 EDITION

FLORIDA ENERGY CODE (FEC) 2017 SIXTH EDITION

FLORIDA ACCESSIBILITY CODE, 2017 SITH EDITION

FLORIDA FIRE PREVENTION CODE

NFPA 101 LIFE SAFETY CODE

SHEET INDEX

CIVIL

ELECTRICAL

ARCHITECTURAL

A100	ARCHITECTURAL SITE PLAN
A101	OVERALL WORK AREA FLOOR PLAN
A102	PARTIAL FLOOR PLAN NORTHWEST
A103	PARTIAL FLOOR PLAN SOUTHWEST
A104	PARTIAL FLOOR FLOOR PLAN ALTERNATE #1

STRUCTURAL

MECHANICAL

M200	OVERALL PHASING PLAN
M103	ENLARGED MECHANICAL PLAN
M104	ENLARGED MECHANICAL PLAN
M201	PARTIAL MECHANICAL DEMO PLAN WEST
M202	PARTIAL DEMO MECHANICAL PLAN NORTH
M203	PARTIAL DEMO MECHANICAL PLAN ALTERNATE #1
M301	PARTIAL MECHANICAL PLAN WEST
M302	PARTIAL MECHANICAL PLAN WEST
M303	PARTIAL MECHANICAL PLAN ALTERNATE #1



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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

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

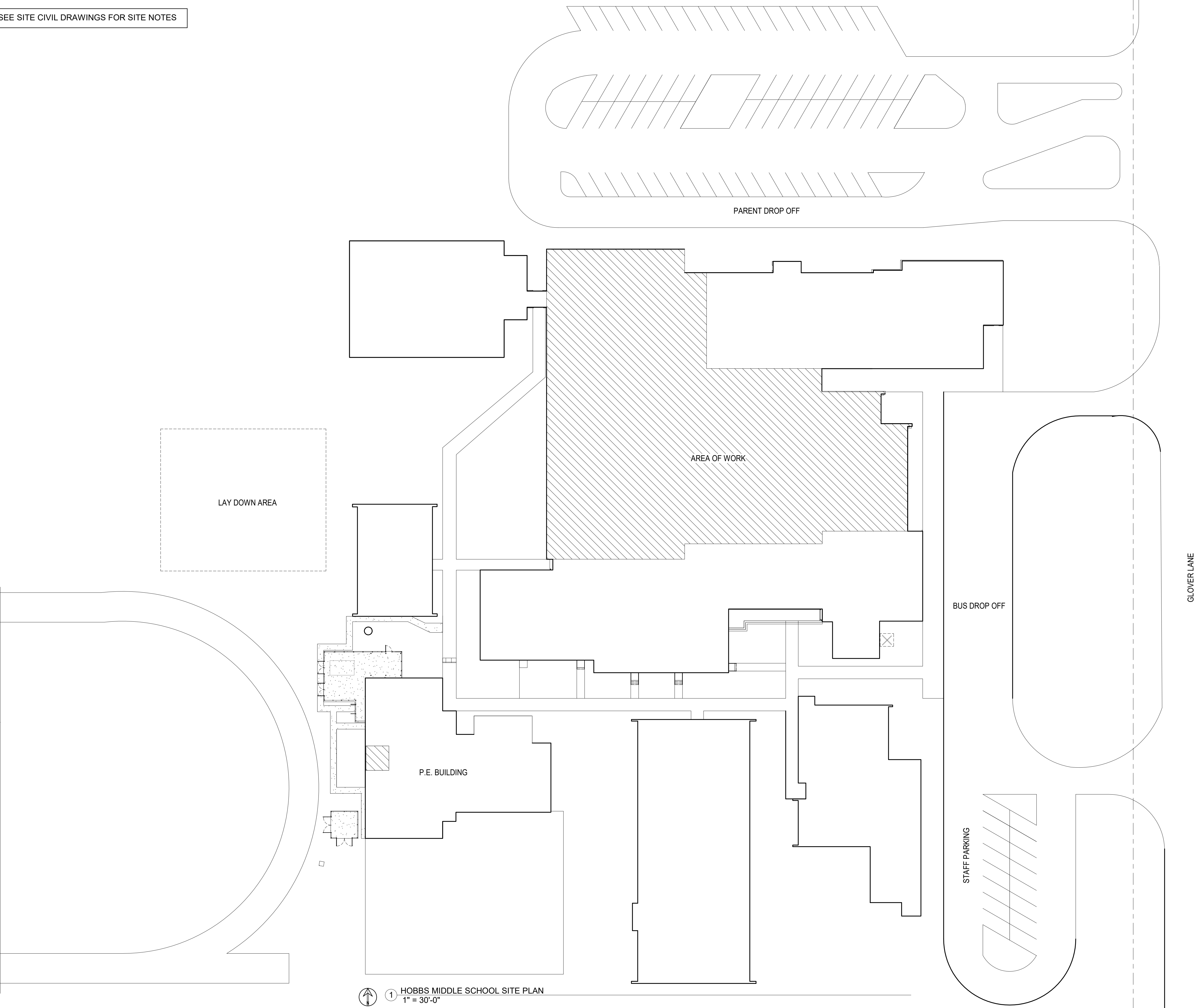
No.	Description	Date
1	REV 1 - SRC	11/11/20

TITLE SHEET

Date	07/14/21
Drawn By	MM
Checked By	JF

A001

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 07/14/21

Drawn By LM

Checked By MM

A100



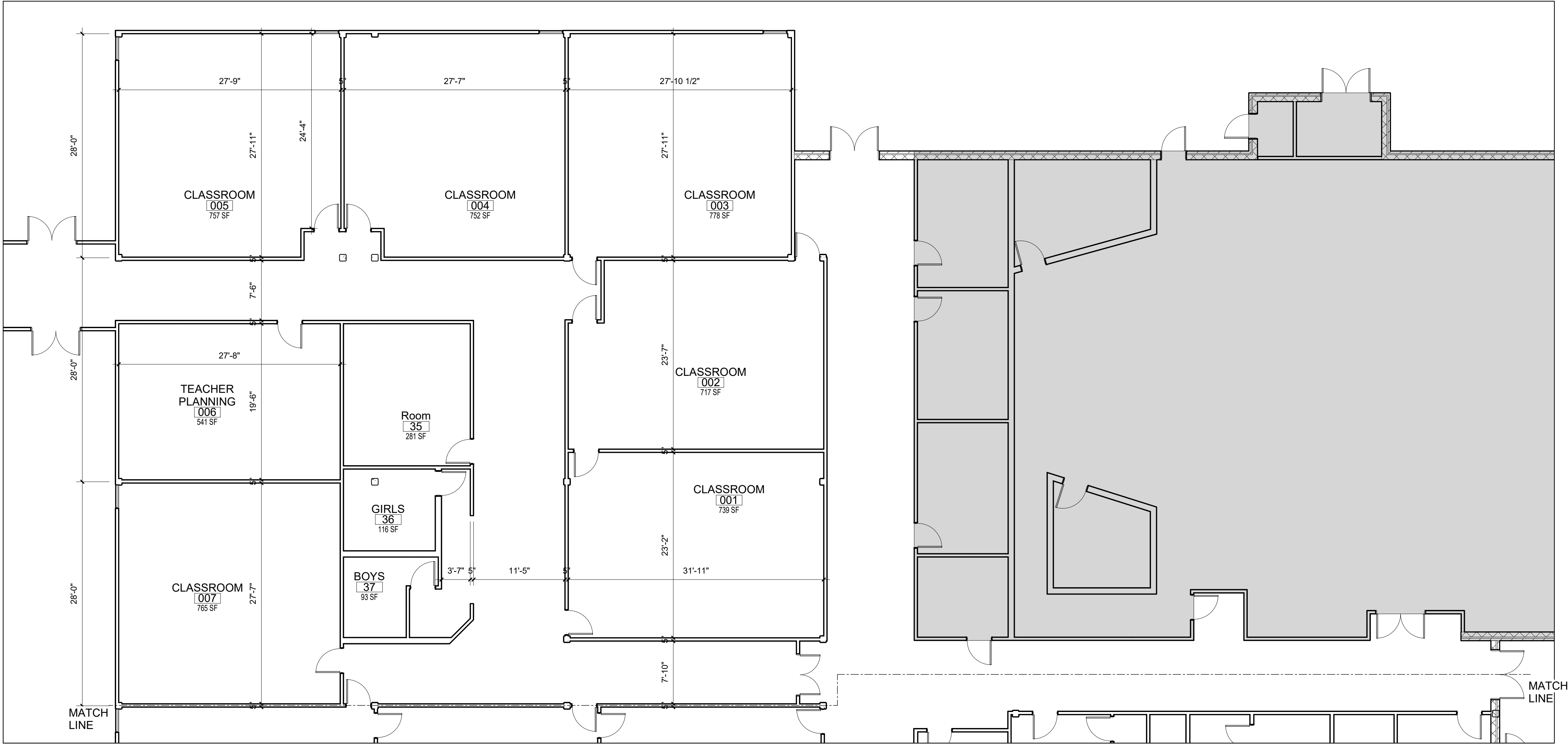
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ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

**OVERALL WORK
AREA FLOOR
PLAN**

Date	07/14/21
Drawn By	LM
Checked By	MM

A101



① NORTHWEST FLOOR PLAN
1/8" = 1'-0"

- NEW WORK NOTES
1. INSTALL SPRAY FOAM INSULATION AT EXTERIOR WALLS.
 2. INSTALL SPRAY FOAM INSULATION AT ROOF DECK.
 3. REPLACE EXISTING ACOUSTICAL CEILINGS.
 4. REPLACE EXISTING EXTERIOR WINDOWS 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	07/14/21
Drawn By	LM
Checked By	MM

A102



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

- NEW WORK NOTES
- 1. INSTALL SPRAY FOAM INSULATION AT EXTERIOR WALLS.
 - 2. INSTALL SPRAY FOAM INSULATION AT ROOF DECK.
 - 3. REPLACE EXISTING ACOUSTICAL CEILINGS.
 - 4. REPLACE EXISTING EXTERIOR WINDOWS WHERE INDICATED.



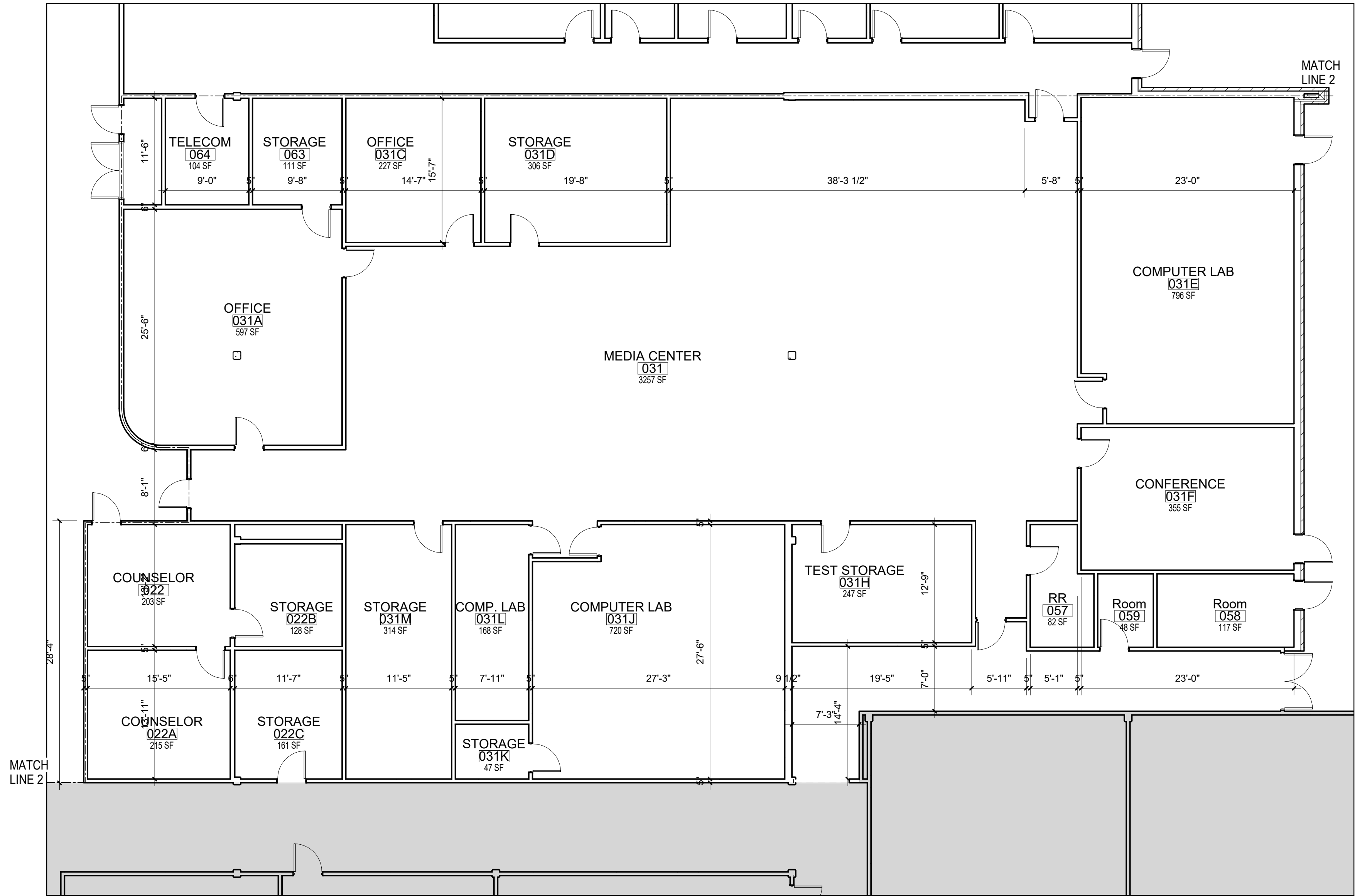
**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

**PARTIAL FLOOR
PLAN
SOUTHWEST**

Date	07/14/21
Drawn By	LM
Checked By	MM

A103



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

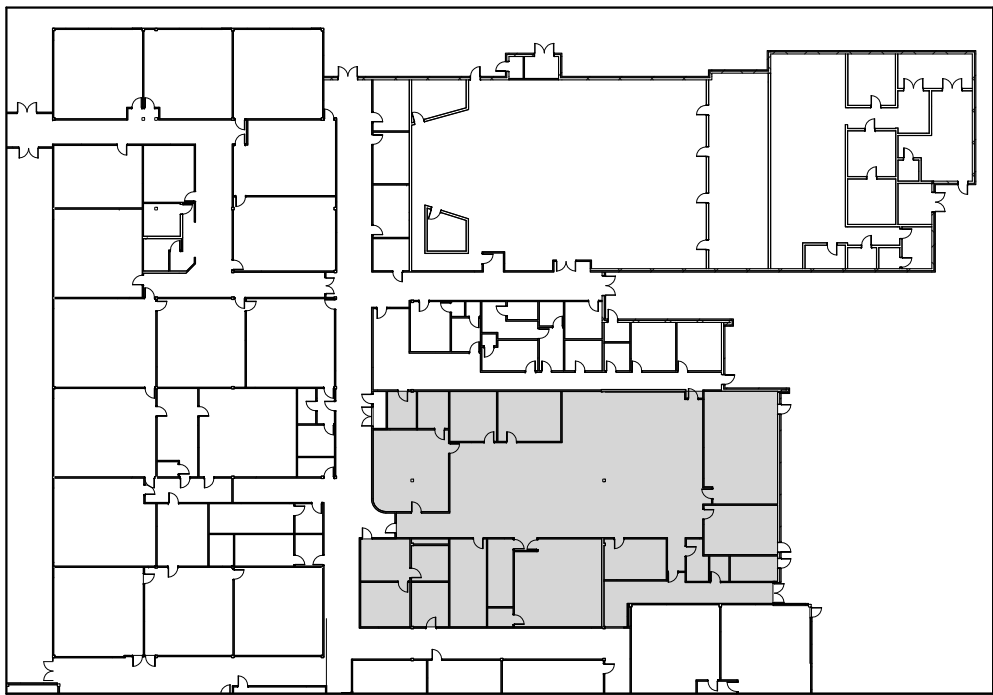
- NEW WORK NOTES
- 1

INSTALL SPRAY FOAM INSULATION AT EXTERIOR WALLS.
- 2

INSTALL SPRAY FOAM INSULATION AT ROOF DECK.
- 3

REPLACE EXISTING ACOUSTICAL CEILINGS.
- 4

REPLACE EXISTING EXTERIOR WINDOWS 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

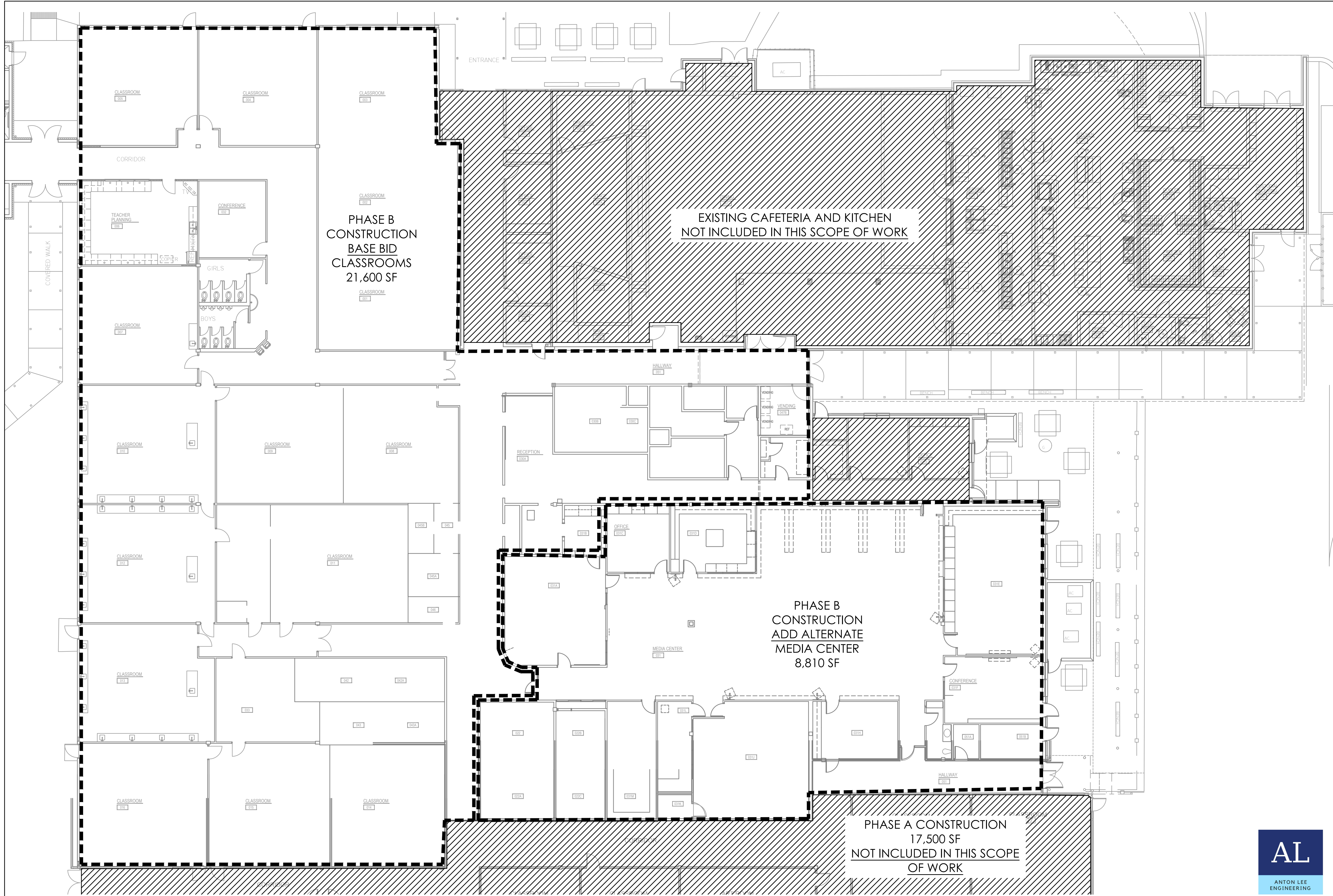
ALTERNATE #1

Date07/14/21

Drawn ByAuthor

Checked ByChecker

A104



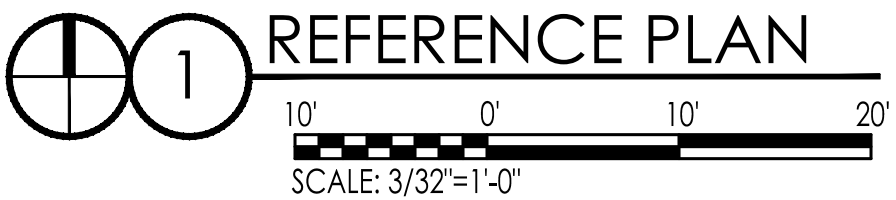
HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

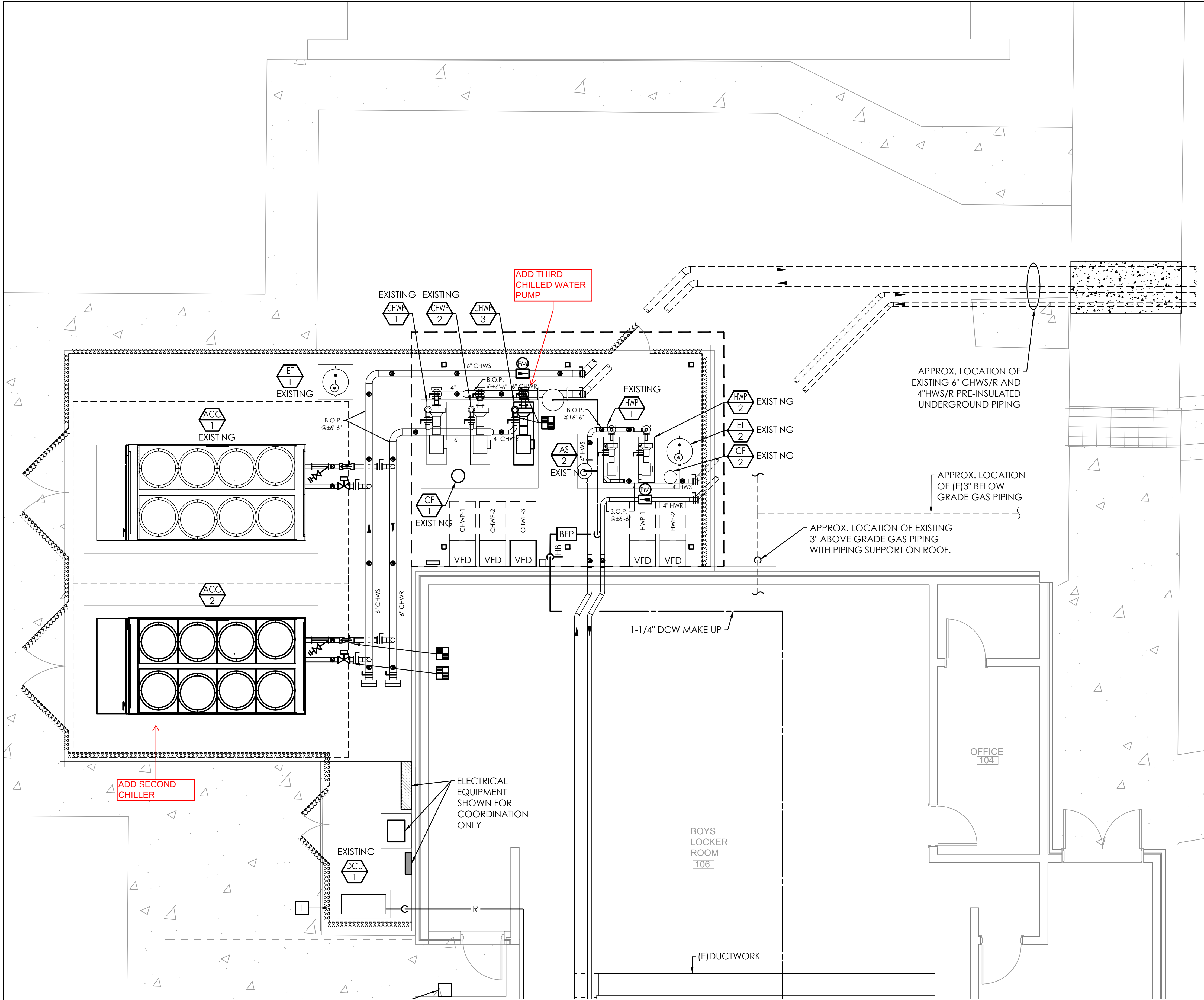
No.	Description	Date

OVERALL PHASING PLAN

Date	07/14/21
Drawn By	AL
Checked By	AL

M200





1 ENLARGED MECHANICAL PLAN - CENTRAL PLANT
SCALE: 1/4"=1'-0"



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PROJECT NUMBER 21-120

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

No.	Description	Date

**ENLARGED
MECHANICAL
PLAN**

Date	07/14/21
Drawn By	AL
Checked By	AL

M103



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HOBBS MIDDLE SCHOOL ENERGY UPGRADES - PHASE B

SANTA ROSA COUNTY SCHOOL DISTRICT
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No.	Description	Date

ENLARGED MECHANICAL PLAN

Date 07/14/21
Drawn By AL
Checked By AL

M104

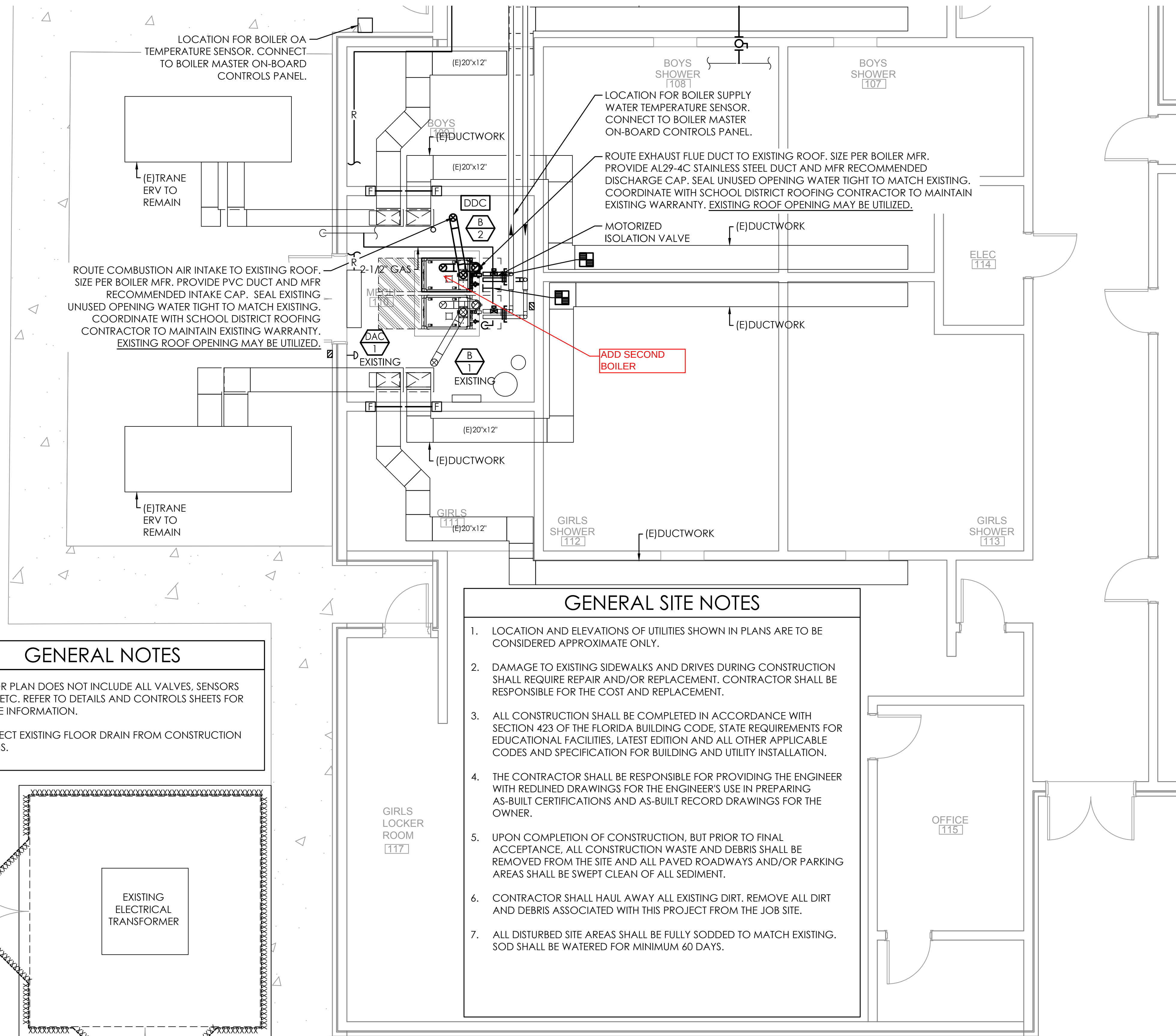
AL

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CERTIFICATE OF AUTHORIZATION:
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GENERAL NOTES

- FLOOR PLAN DOES NOT INCLUDE ALL VALVES, SENSORS AND ETC. REFER TO DETAILS AND CONTROLS SHEETS FOR MORE INFORMATION.
- PROTECT EXISTING FLOOR DRAIN FROM CONSTRUCTION DEBRIS.

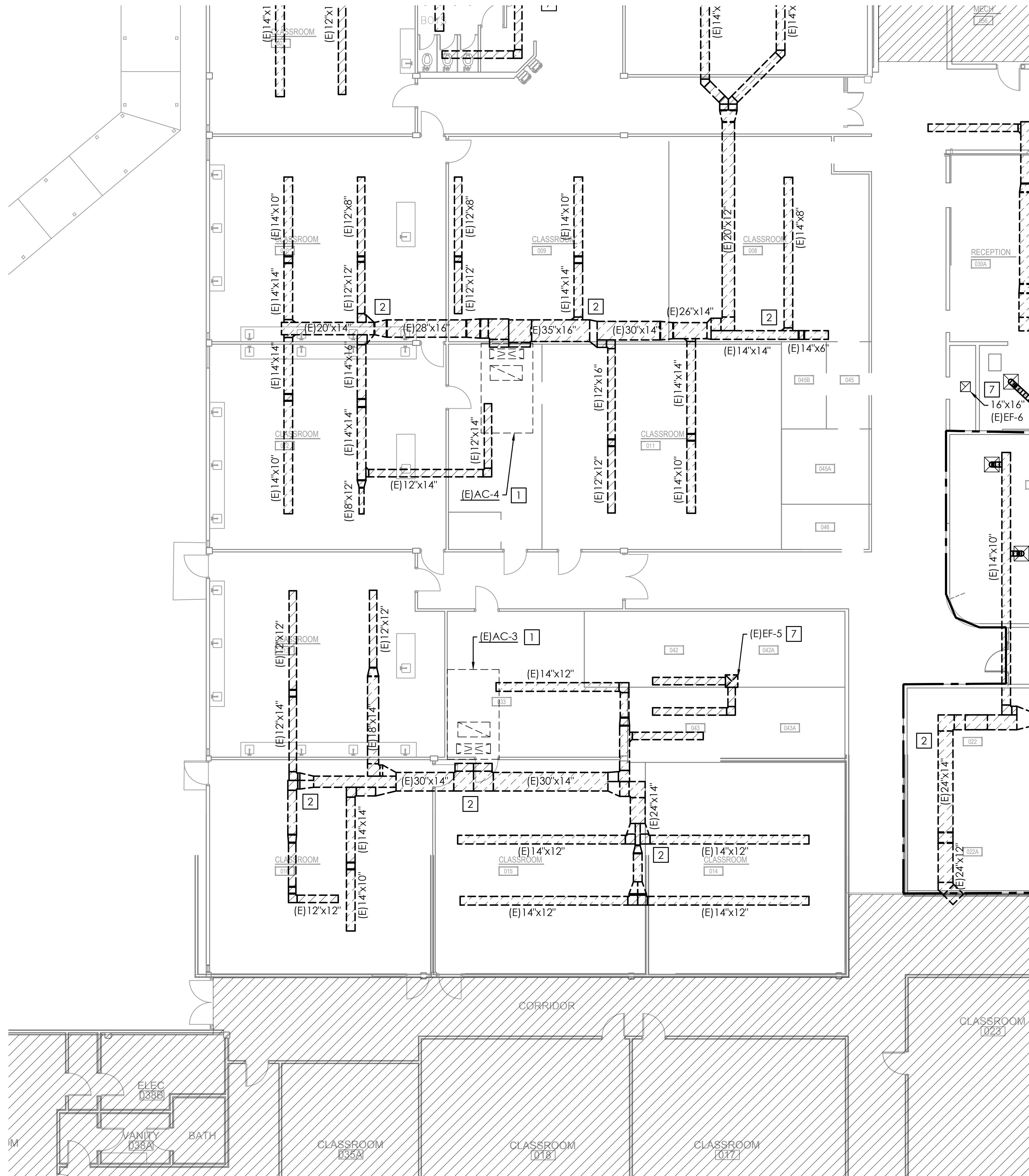
GENERAL SITE NOTES

- LOCATION AND ELEVATIONS OF UTILITIES SHOWN IN PLANS ARE TO BE CONSIDERED APPROXIMATE ONLY.
- DAMAGE TO EXISTING SIDEWALKS AND DRIVES DURING CONSTRUCTION SHALL REQUIRE REPAIR AND/OR REPLACEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST AND REPLACEMENT.
- ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 423 OF THE FLORIDA BUILDING CODE, STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES, LATEST EDITION AND ALL OTHER APPLICABLE CODES AND SPECIFICATION FOR BUILDING AND UTILITY INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE ENGINEER WITH REDLINED DRAWINGS FOR THE ENGINEER'S USE IN PREPARING AS-BUILT CERTIFICATIONS AND AS-BUILT RECORD DRAWINGS FOR THE OWNER.
- UPON COMPLETION OF CONSTRUCTION, BUT PRIOR TO FINAL ACCEPTANCE, ALL CONSTRUCTION WASTE AND DEBRIS SHALL BE REMOVED FROM THE SITE AND ALL PAVED ROADWAYS AND/OR PARKING AREAS SHALL BE SWEEPED CLEAN OF ALL SEDIMENT.
- CONTRACTOR SHALL HAUL AWAY ALL EXISTING DIRT. REMOVE ALL DIRT AND DEBRIS ASSOCIATED WITH THIS PROJECT FROM THE JOB SITE.
- ALL DISTURBED SITE AREAS SHALL BE FULLY SODDED TO MATCH EXISTING. SOD SHALL BE WATERED FOR MINIMUM 60 DAYS.



ENLARGED MECHANICAL PLAN - LOCKER ROOMS

4' 0' 4' 8'
SCALE: 1/4"=1'-0"



- KEY NOTES
- 1

DEMOLISH (E) ROOFTOP UNIT. SUPPLY AND RETURN DUCTWORK SHALL BE DEMOLISHED. REMOVE AND SALVAGE ALL EXISTING CONTROL PANELS AND RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. COORDINATE WITH NEW WORK ALTERNATE REQUIREMENTS.
- 2

DEMOLISH (E) DUCTWORK AS INDICATED ALONG WITH ALL ITS ASSOCIATED CEILING DIFFUSERS, MVD, AND FLEX (NOT SHOWN).
- 3

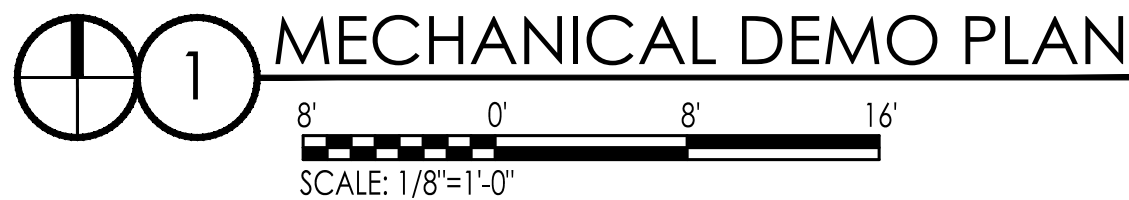
REMOVE AND SALVAGE ALL (E) VAV BOX WITH ITS THERMOSTAT. RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. PATCH EXISTING WALL TO MATCH EXISTING FINISH AND COLOR.
- 4

CAP EXISTING DUCTWORK AS INDICATED.
- 5

EXISTING DUCTWORK TO REMAIN.
- 6

EXISTING EQUIPMENT TO REMAIN.
- 7

DEMOLISH (E) EXHAUST FAN AND DUCTWORK. CAP AND SEAL ALL ROOFTOP OPENING WEATHER TIGHT



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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

PARTIAL

MECHANICAL

DEMO PLAN

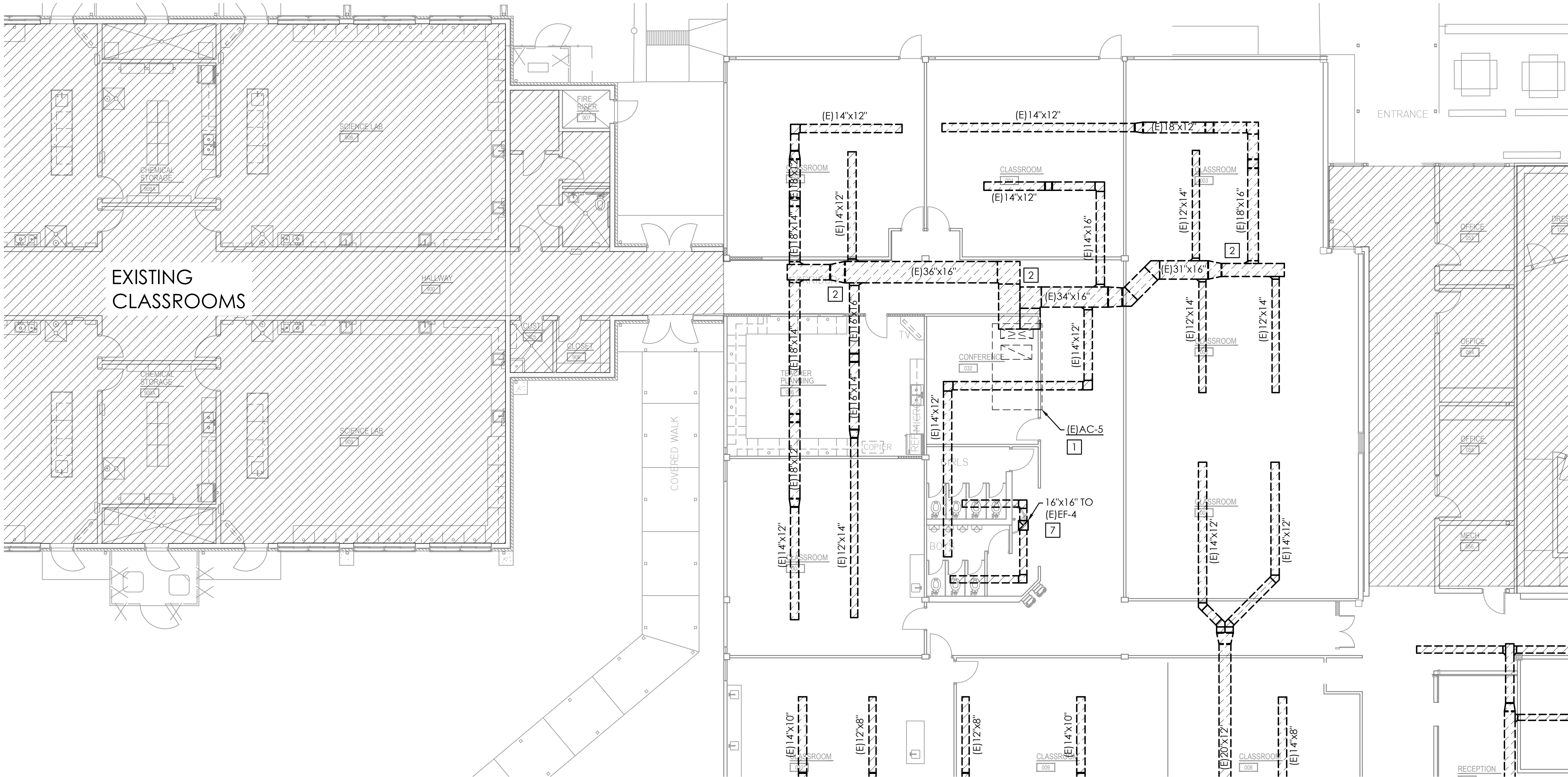
WEST

Date07/14/21

Drawn ByAL

Checked ByAL

M201



- KEY NOTES
- 1

DEMOLISH (E)ROOFTOP UNIT. SUPPLY AND RETURN DUCTWORK SHALL BE DEMOLISHED. REMOVE AND SALVAGE ALL EXISTING CONTROL PANELS AND RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. COORDINATE WITH NEW WORK ALTERNATE REQUIREMENTS.
- 2

DEMOLISH (E)DUCTWORK AS INDICATED ALONG WITH ALL ITS ASSOCIATED CEILING DIFFUSERS, MVD, AND FLEX (NOT SHOWN).
- 3

REMOVE AND SALVAGE ALL (E) VAV BOX WITH ITS THERMOSTAT, RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. PATCH EXISTING WALL TO MATCH EXISTING FINISH AND COLOR.
- 4

CAP EXISTING DUCTWORK AS INDICATED.
- 5

EXISTING DUCTWORK TO REMAIN.
- 6

EXISTING EQUIPMENT TO REMAIN.
- 7

DEMOLISH (E)EXHAUST FAN AND DUCTWORK. CAP AND SEAL ALL ROOFTOP OPENING WEATHER TIGHT

1

MECHANICAL DEMO PLAN

8'

0'

8'

16'

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

No.	Description	Date

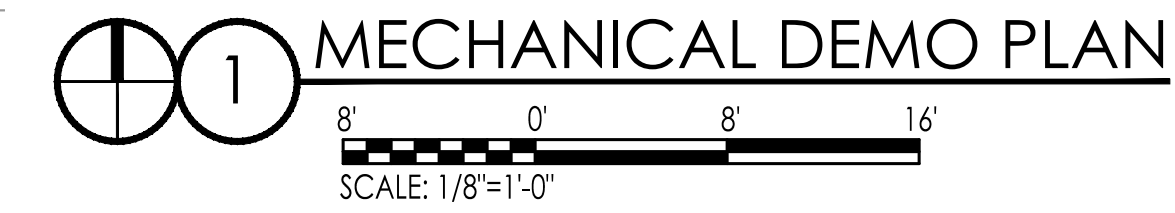
PARTIAL
MECHANICAL
DEMO PLAN
NORTH

Date07/14/21

Drawn ByAL

Checked ByAL

M202



- 1 DEMOLISH (E)ROOFTOP UNIT. SUPPLY AND RETURN DUCTWORK SHALL BE DEMOLISHED. REMOVE AND SALVAGE ALL EXISTING CONTROL PANELS AND RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. COORDINATE WITH NEW WORK ALTERNATE REQUIREMENTS.
- 2 DEMOLISH (E)DUCTWORK AS INDICATED ALONG WITH ALL ITS ASSOCIATED CEILING DIFFUSERS, MVD, AND FLEX (NOT SHOWN).
- 3 REMOVE AND SALVAGE ALL (E) VAV BOX WITH ITS THERMOSTAT. RETURN TO SCHOOL DISTRICT MAINTENANCE DEPT. PATCH EXISTING WALL TO MATCH EXISTING FINISH AND COLOR.
- 4 CAP EXISTING DUCTWORK AS INDICATED.
- 5 EXISTING DUCTWORK TO REMAIN.
- 6 EXISTING EQUIPMENT TO REMAIN.
- 7 DEMOLISH (E)EXHAUST FAN AND DUCTWORK CAP AND SEAL ALL ROOFTOP OPENING WEATHER TIGHT
- 8 DEMOLISH (E)EQUIPMENT UNIT. OUTSIDE AIR DUCTWORK TO EXTERIOR LOUVER SHALL BE DEMOLISHED. SALVAGE ALL EXISTING SUPPLY DUCTWORK TO EXISTING RETURN DUCT ON EACH SPLIT SYSTEM UNIT. COORDINATE WITH NEW WORK REQUIREMENTS. EXISTING LOUVER SHALL BE DEMOLISHED AND CAPPED WEATHER TIGHT.



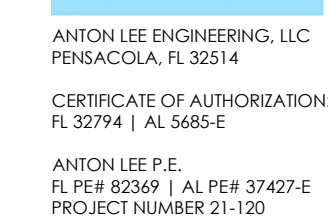
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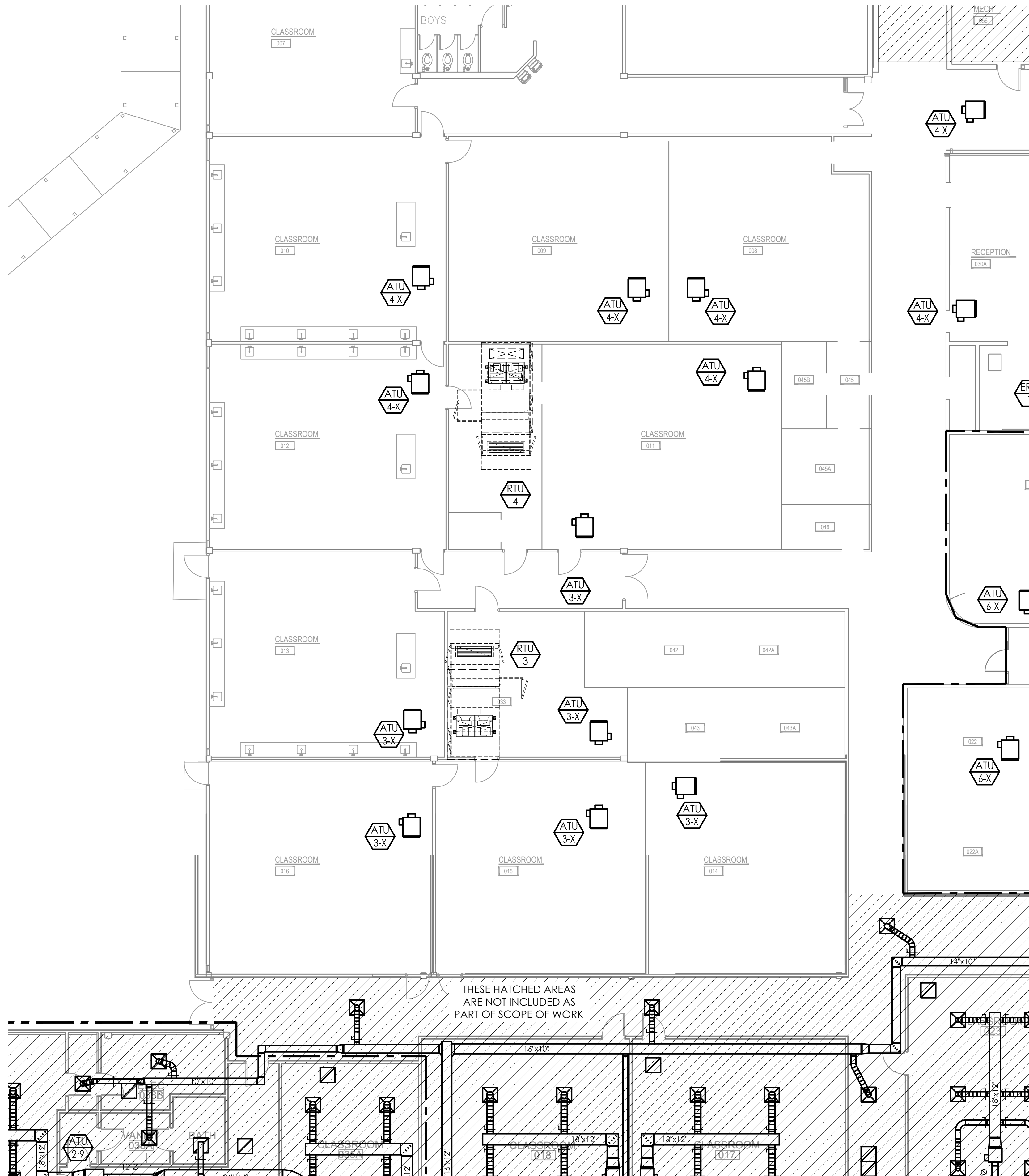
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PARTIAL
MECHANICAL
DEMO PLAN
ALTERNATE #1

Date	07/14/21
Drawn By	AL
Checked By	AL

M203





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

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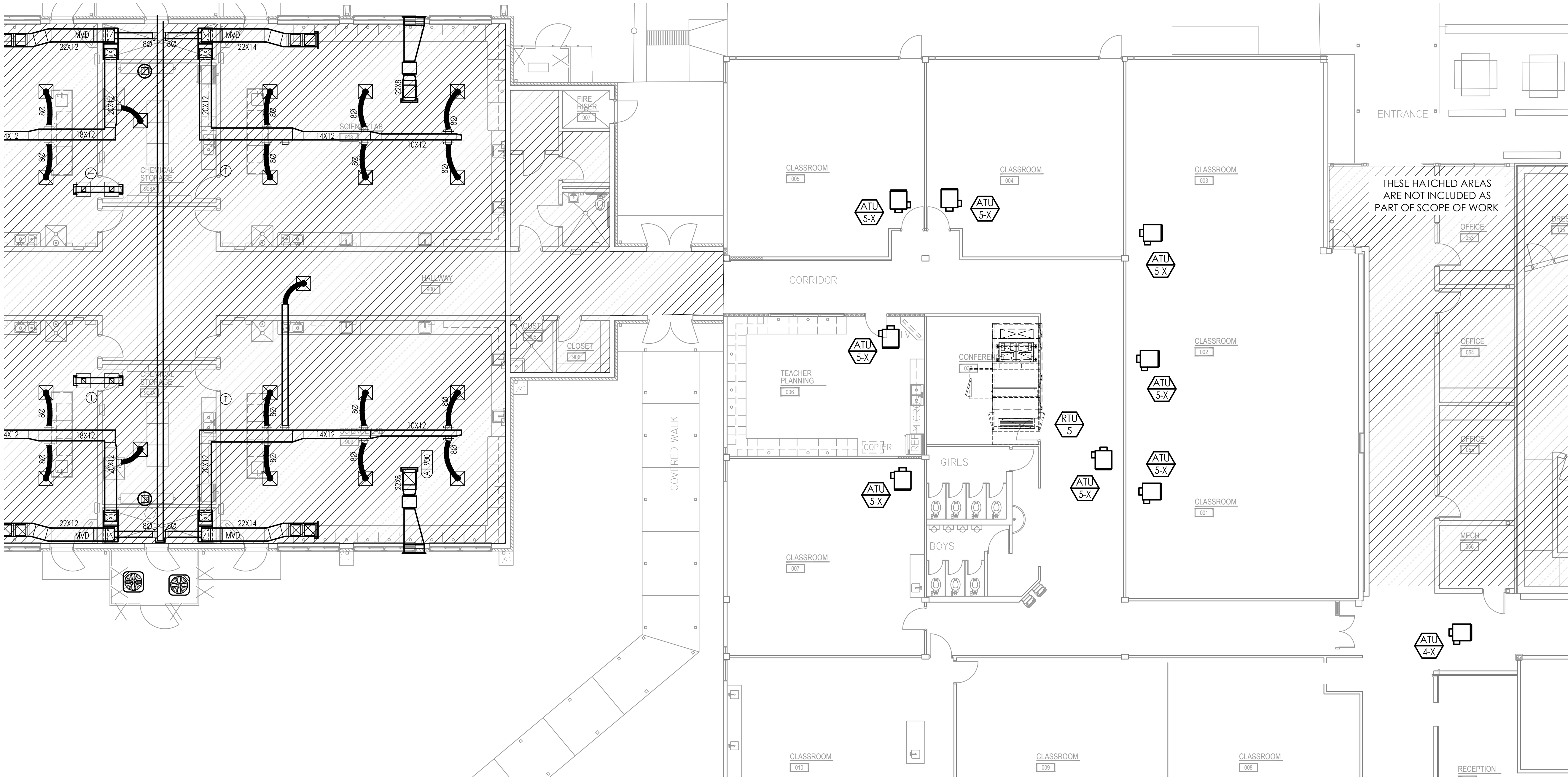
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**HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B**
SANTA ROSA COUNTY SCHOOL DISTRICT
5317 GLOVER LANE, MILTON, FL 32570

No.	Description	Date

PARTIAL MECHANICAL PLAN WEST	
Date	07/14/21
Drawn By	AL
Checked By	AL

M301



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

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

No.	Description	Date

PARTIAL MECHANICAL PLAN NORTH	
Date	07/14/21
Drawn By	AL
Checked By	AL

M302

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

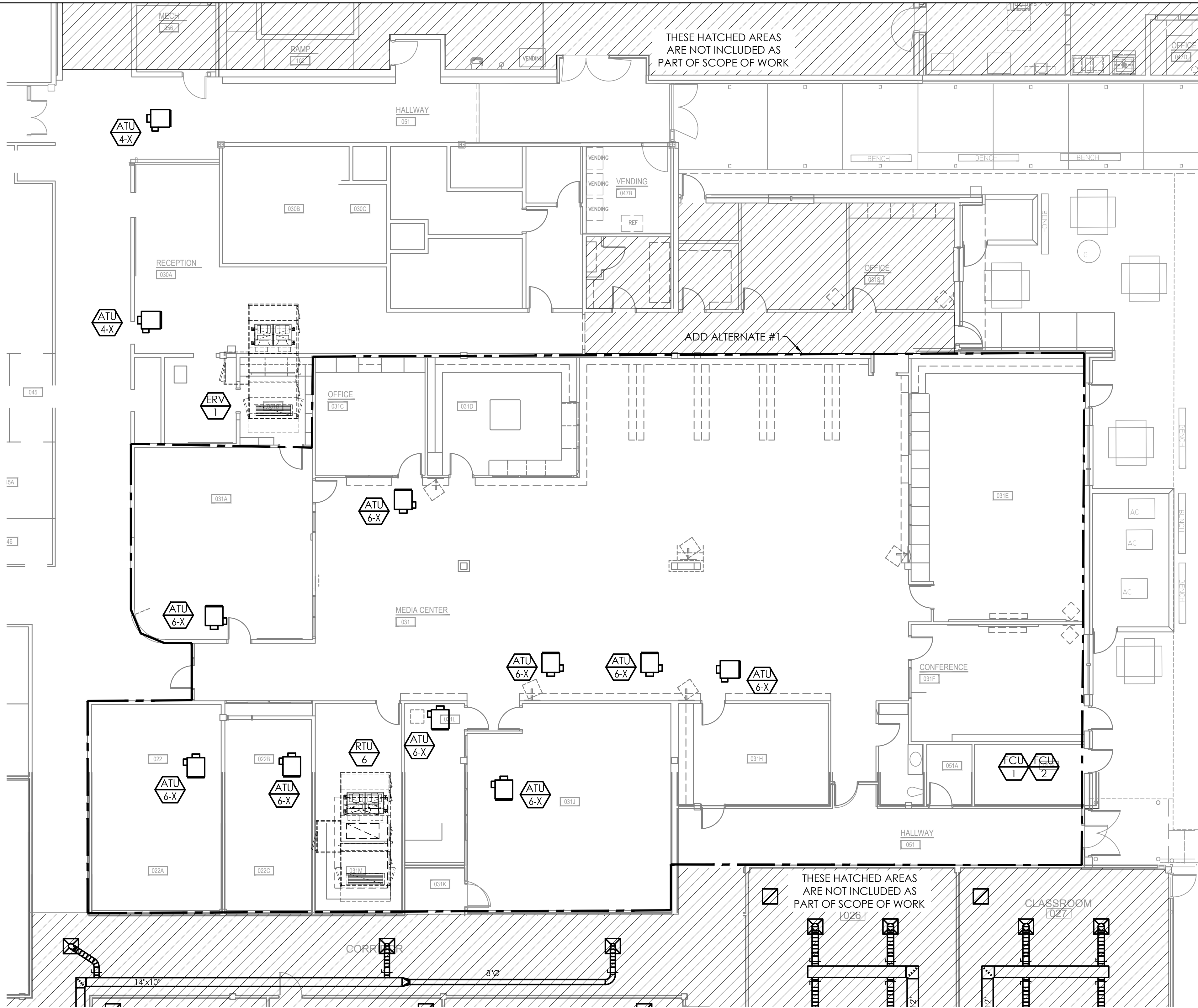
- GENERAL NOTES**

 - 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 16" 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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FL PE# 82369 | AL PE# 37427-E
PROJECT NUMBER 21-120



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

HOBBS MIDDLE SCHOOL
ENERGY UPGRADES - PHASE B

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

No.	Description	Date

PARTIAL
MECHANICAL
PLAN
ALTERNATE 1

Date	07/14/21
Drawn By	AL
Checked By	AL

M303



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