

1531 Patterson St. Adel, GA 31620
Cook County School System

ARCHITECTURAL

MECHANICAL/PLUMBING

ELECTRICAL

LOCATION MAP



GENERAL

X1000 COVER SHEET AND DRAWING INDEX

ARCHITECTURAL

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ELECTRICAL

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$$\frac{a}{a+}$$

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PHONE# (229) 585-9018

DATE: Jan. 18, 2021

DRAWN: T. Petitjean

CHECKED: W. Altman

REVISIONS:	1.
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HVAC Replacement for
Cook Primary School
1531 Patterson St. Adel, GA 31620
Cook County School System

X1000

FACILITY NO: 637-019

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PROJECT NO: 20013

Friday, January 15

GENERAL DEMOLITION NOTES

1) ○ INDICATES DEMOLITION NOTES

2) REPAIR/REPLACE CEILING AS NEEDED WHERE MECHANICAL FIXTURES ARE BEING REPLACED BUT EXISTING CEILING IS REMAINING AS IS.

3) EXISTING ELECTRICAL AND TECHNOLOGY DEVICES MOUNTED TO CEILING SHALL BE REMOVED (CAREFULLY), PROTECTED, AND REINSTALLED.

4) CONTRACTOR TO INCLUDE REMOVAL OF THE CONCRETE PAD ASSOCIATED WITH EACH CLASSROOM CONDENSER UNIT AS PART OF UNIT COST 1.

DEMOLITION LEGEND – FLOOR PLAN

① REMOVE LAY-IN CEILING AND GRID – PROTECT AND REINSTALL ALL EXISTING DEVICES.

② REMOVE EXISTING GWB CEILING AND FRAMING – PROTECT AND REINSTALL ALL EXISTING DEVICES.

③ REPLACE CEILING TILE AT EXHAUST FAN LOCATION.

④ REMOVE AND REINSTALL EXISTING LAY-IN CEILING, GRID, AND INSULATION.

⑤ TEMPORARILY RELOCATE SHELVING AS NEEDED FOR ACCESS.

⑥ NOT USED

⑦ REMOVE EXISTING WALL LOUVER.

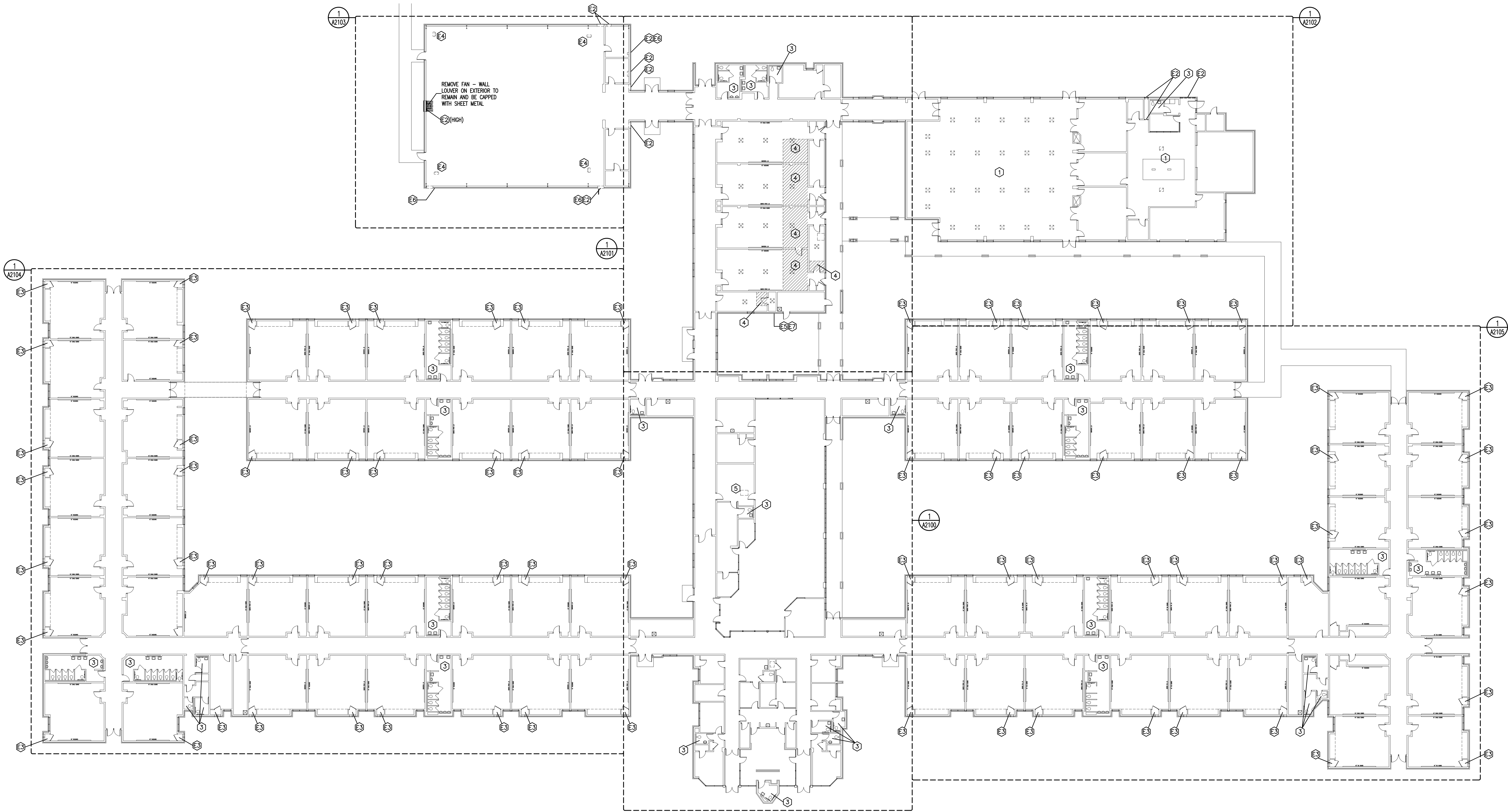
⑧ CUT OPENINGS IN EXISTING WALL FOR NEW DUCTWORK. (UNIT PRICE 1). REMOVE EXISTING MECHANICAL UNIT. REMOVE EXISTING CEILING (COMPRISED OF RIGID INSULATION FRICTION FIT AROUND DUCTWORK).

⑨ REMOVE GAS HEATER AND ASSOCIATED GAS PIPING AND HANGERS

⑩ REMOVE RIGHT SIDE OF GABLE LOUVER

⑪ CUT OPENING IN EXISTING MASONRY WALL (LOW) AND METAL PANELS (HIGH) FOR NEW DUCTWORK AND/OR UNIT.

⑫ REMOVE SHRUBBERY



OVERALL FLOOR PLAN – DEMOLITION
SCALE: 1"=20'-0"

1
A2000

HVAC Replacement for
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Cook County School System

A2000

FACILITY NO: 637-0196

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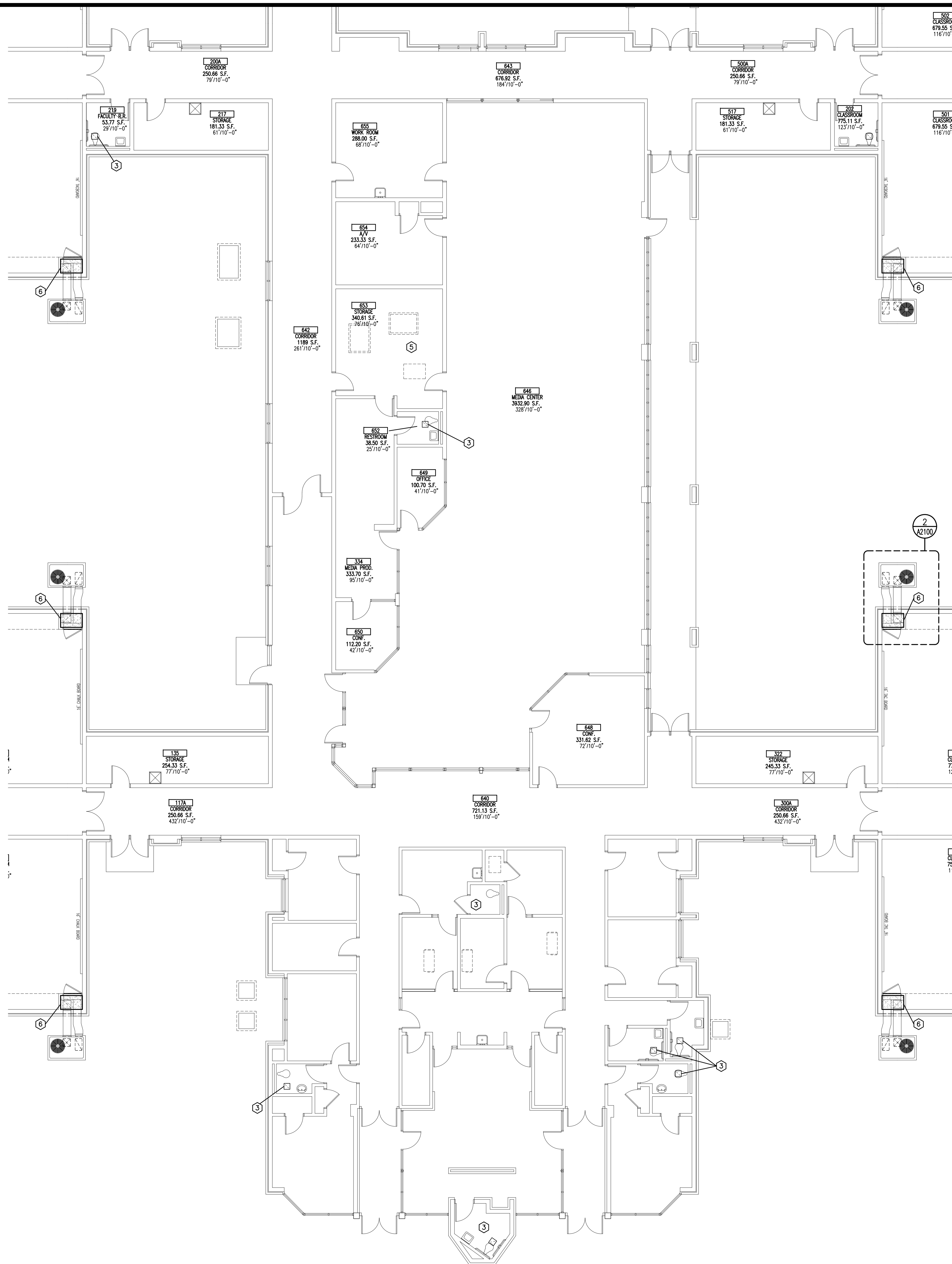
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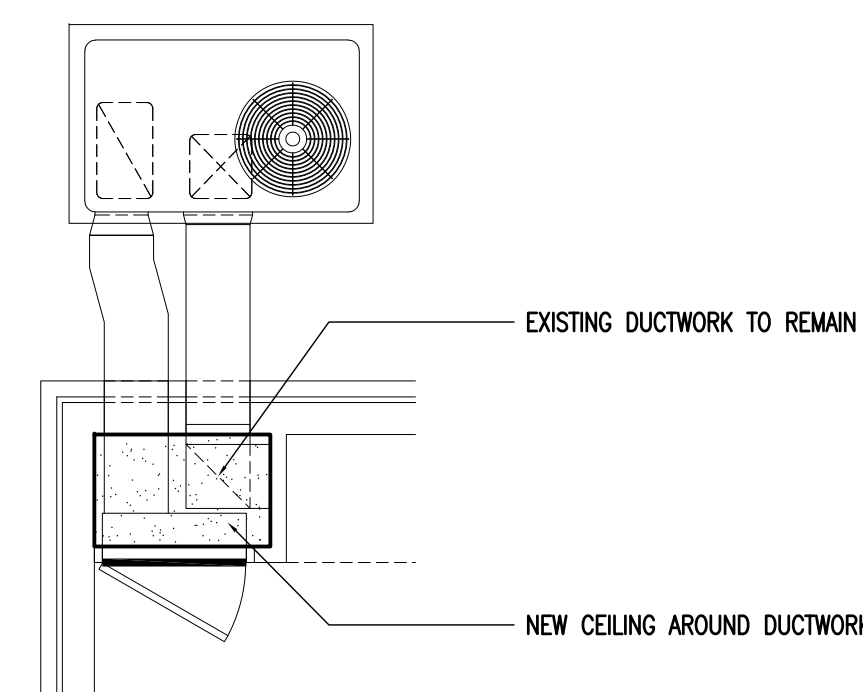
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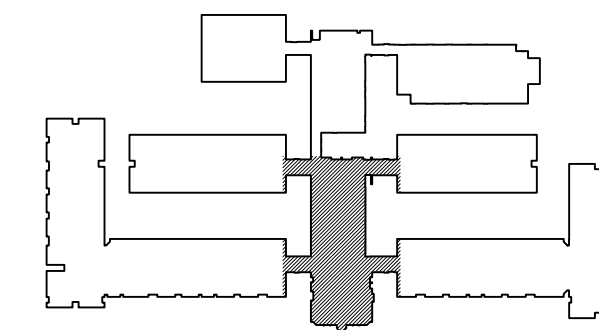


PARTIAL FLOOR PLAN – RENOVATION – ADMINISTRATION
SCALE: 1/8"=1'-0"



HVAC CLOSET – TYPICAL

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



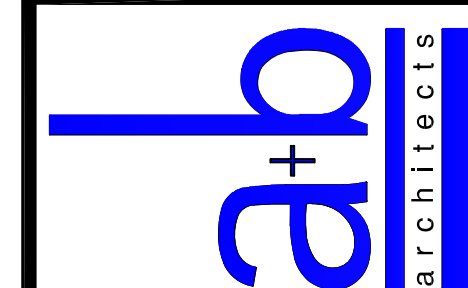
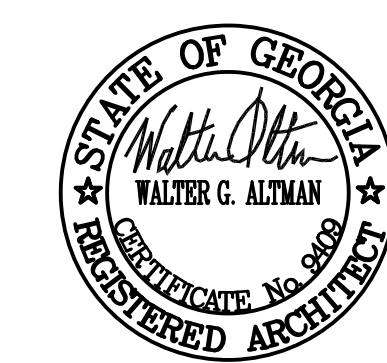
KEYPLAN

RENOVATION LEGEND

- ① INSTALL NEW LAY-IN CEILING GRID.
- ② INSTALL NEW GWB CEILING AND FRAMING.
- ③ REPLACE CEILING TILE AT EXHAUST FAN LOCATION.
- ④ REINSTALL EXISTING LAY-IN CEILING, GRID, AND INSULATION.
- ⑤ REINSTALL SHELVING.
- ⑥ INSTALL NEW GWB CEILING OVER 4" STUD FRAMING AT 86" AFF ABOVE EXISTING DUCTWORK.
- ⑦ INFILL EXISTING LOUVER OPENING WITH 8" CMU ON INTERIOR (PAINTED) AND 4" STEEL STUD FRAMING IN VENEER OPENING ON EXTERIOR W/ 1/2" EXTERIOR GRADE GWB AND 2" EXTERIOR FINISH AND INSULATION SYSTEM.
- ⑧ INFILL EXISTING LOUVER OPENING WITH 8" CMU ON INTERIOR (PAINTED). LOUVER TO REMAIN ON EXTERIOR.
- ⑨ INFILL EXISTING LOUVER OPENING WITH 8" CMU ON INTERIOR (PAINTED).
- ⑩ REPAIR MASONRY WALL AROUND NEW MECHANICAL UNIT.
- ⑪ CONSTRUCT INSULATED STEEL METAL PANEL TO ENCLOSE EXISTING LOUVER OPENINGS ON EXTERIOR AND INTERIOR-BRONZE FINISH.
- ⑫ REPLACE FIRE SPRINKLER ESCUTCHEONS WITH NEW.
- ⑬ INSTALL 2" DUCT INSULATION ON THE VERTICAL SECTION OF EXISTING FLUE FROM ROOF ELEVATION TO FIRST DUCT JOINT BELOW ROOF AND INSTALL SHEET METAL CAP. ALL DUCT BELOW THIS JOINT TO BE REMOVED.

RCP LEGEND

- | | |
|---|---|
|  | 2' x 4' LAY-IN LED
LIGHT FIXTURE |
|  | 2' x 4' SURFACE LED
LIGHT FIXTURE |
|  | 1' x 4' WRAP AROUND
LED LIGHT FIXTURE |
|  | CAN LIGHT |
|  | SURFACE MOUNTED LIGHT |
|  | 4' LED
LIGHT FIXTURE |
|  | EXISTING DIFFUSER TO REMAIN |
|  | 2' x 2' HVAC DIFFUSER |
|  | 2' x 2' HVAC RETURN AIR GRILLE |
|  | 2' x 2' SUSPENDED LAY-IN
ACOUSTICAL TILE CEILING |
|  | GYPSTUM WALLBOARD CEILING, 1 LAYER 5/8" |
|  | GYPSTUM WALLBOARD CEILING, 1-HR RATED, 1 LAYER
5/8" TYPE "X" GCB EACH SIDE |



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HVAC Replacement for
Cook Primary School
1531 Patterson St. Adel, GA 31620
Cook County School System

A2100
FACILITY NO: 637-018

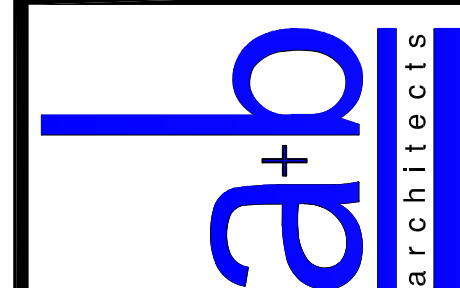
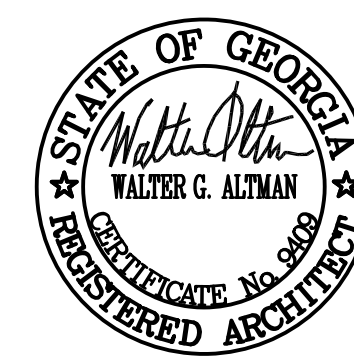
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- ① INSTALL NEW LAY-IN CEILING GRID.
- ② INSTALL NEW GWB CEILING AND FRAMING.
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- ④ REINSTALL EXISTING LAY-IN CEILING, GRID, AND INSULATION.
- ⑤ REINSTALL SHELVING.
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	2' x 4' LAY-IN LED LIGHT FIXTURE
	2' x 4' SURFACE LED LIGHT FIXTURE
	1' x 4' WRAP AROUND LED LIGHT FIXTURE
	CAN LIGHT
	SURFACE MOUNTED LIGHT
	4' LED LIGHT FIXTURE
	EXISTING DIFFUSER TO REMAIN
	2' x 2' HVAC DIFFUSER
	2' x 2' HVAC RETURN AIR GRILLE
	2' x 2' SUSPENDED LAY-IN ACOUSTICAL TILE CEILING
	GYPSUM WALLBOARD CEILING, 1 LAYER 5/8"
	GYPSUM WALLBOARD CEILING, 1-HR RATED, 1 LAYER 5/8" TYPE X GBC EACH SIDE



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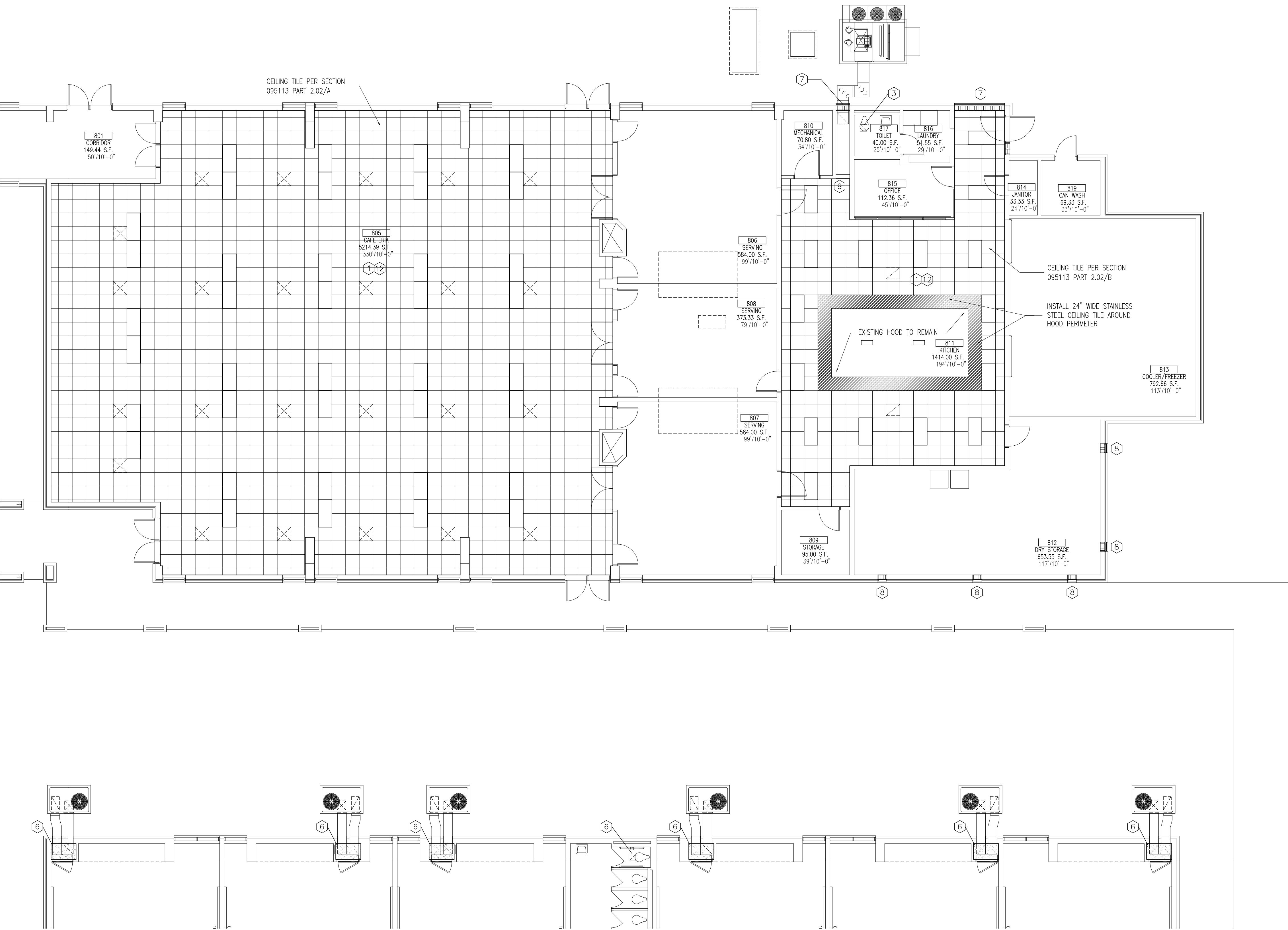
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HVAC Replacement for
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Cook County School System

A2101
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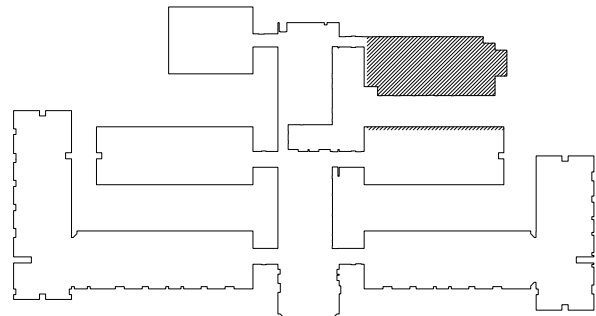
PROJECT NO: 20013



PARTIAL FLOOR PLAN – RENOVATION – FOOD SERVICE

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

1
A2102



KEYPLAN

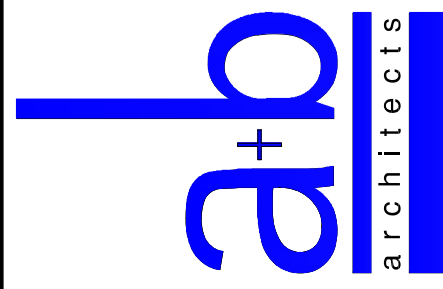
RENOVATION LEGEND

1. INSTALL NEW LAY-IN CEILING AND GRID.
2. INSTALL NEW GWB CEILING AND FRAMING.
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RCP LEGEND

- 2' x 4' LAY-IN LED LIGHT FIXTURE
- 2' x 4' SURFACE LED LIGHT FIXTURE
- 1' x 4' WRAP AROUND LED LIGHT FIXTURE
- CAN LIGHT
- SURFACE MOUNTED LIGHT
- 4' LED LIGHT FIXTURE
- EXISTING DIFFUSER TO REMAIN
- 2' x 2' HVAC DIFFUSER
- 2' x 2' HVAC RETURN AIR GRILLE
- 2' x 2' SUSPENDED LAY-IN ACOUSTICAL TILE CEILING
- GYPSUM WALLBOARD CEILING, 1 LAYER 5/8"
- GYPSUM WALLBOARD CEILING, 1-HR RATED, 1 LAYER 5/8" TYPE "X" GWB EACH SIDE

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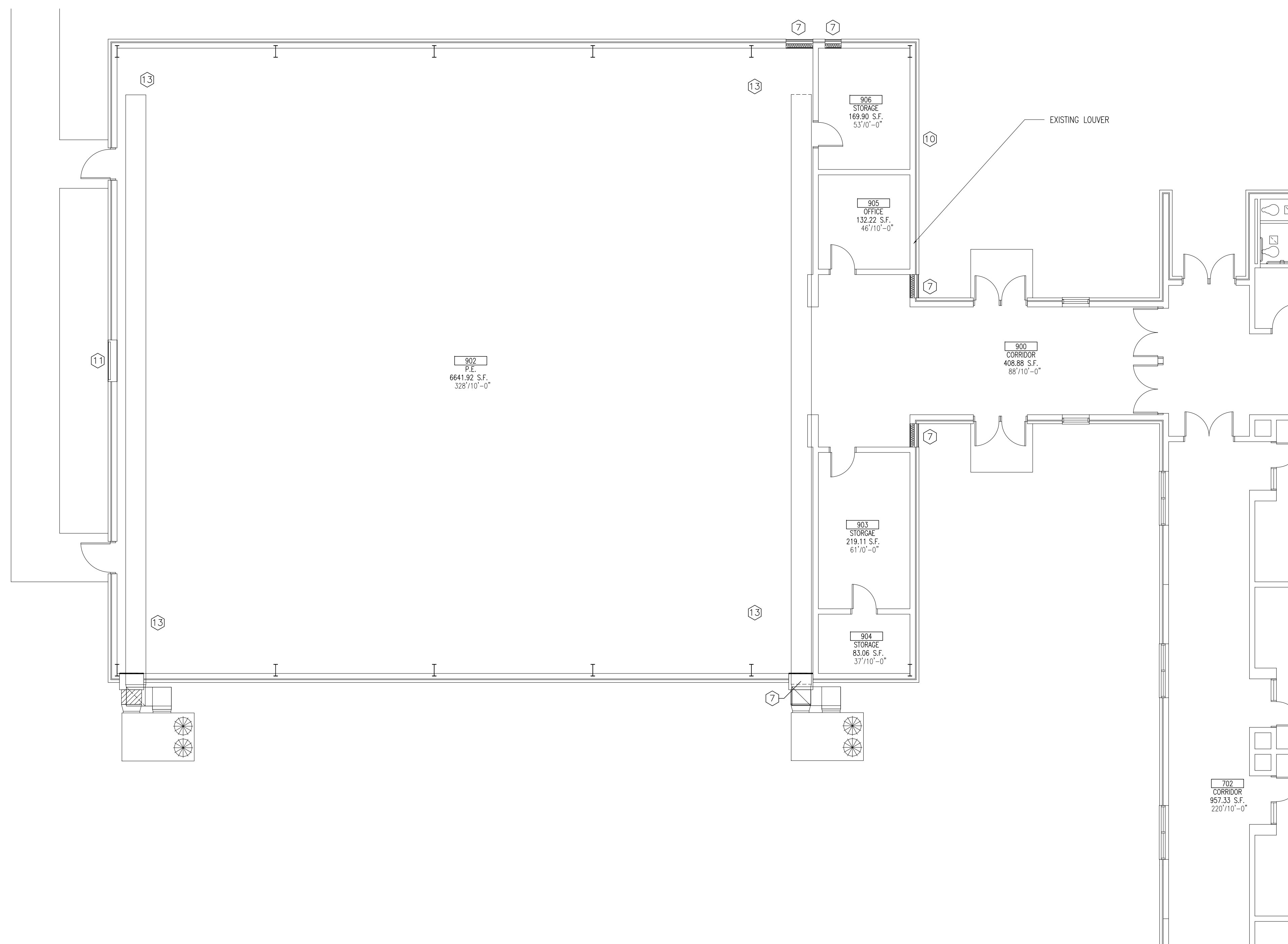
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HVAC Replacement for
Cook Primary School
1531 Patterson St. Adel, GA 31620
Cook County School System

A2102
FACILITY NO: 637-0196

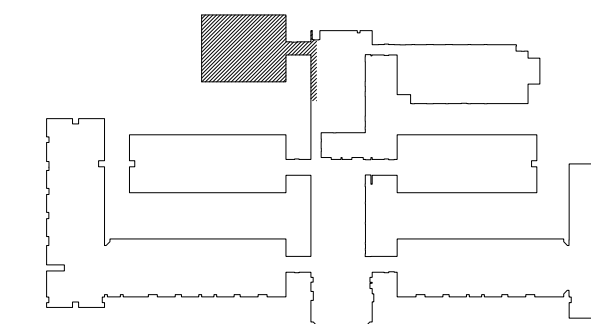
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PARTIAL FLOOR PLAN – RENOVATION – GYMNASIUM

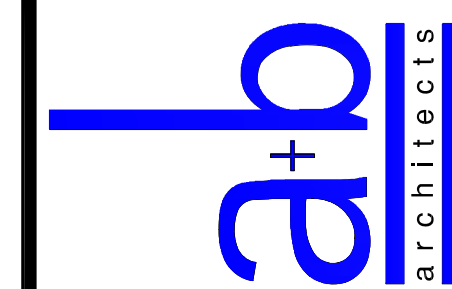
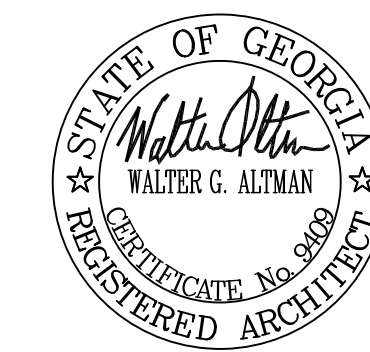
SCALE: 1/8"=1'-0"



KEYPLAN

RENOVATION LEGEND

1. INSTALL NEW LAY-IN CEILING AND GRID.
2. INSTALL NEW GWB CEILING AND FRAMING.
3. REPLACE CEILING TILE AT EXHAUST FAN LOCATION.
4. REINSTATE EXISTING LAY-IN CEILING, GRID, AND INSULATION.
5. REINSTATE SHELVING.
6. INSTALL NEW GWB CEILING OVER 4" STUD FRAMING AT 86" AFF AROUND EXISTING DUCTWORK.
7. INSTALL EXISTING LOUVER OPENING WITH 8" CMU ON INTERIOR (PAINTED) AND 4" STEEL STUD FRAMING IN VENEER OPENING ON EXTERIOR W/ 1/2" EXTERIOR GARB GWB AND 2" EXTERIOR FINISH AND INSULATION SYSTEM.
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12. REPLACE FIRE SPRINKLER ESCUTCHEONS WITH NEW.
13. INSTALL 2" DUCT INSULATION ON THE VERTICAL SECTION OF EXISTING FIVE FROM ROOF ELEVATION TO FIRST DUCT JOINT BELOW ROOF AND INSTALL SHEET METAL CAP. ALL JOINTS BELOW THIS JOINT TO BE REMOVED.



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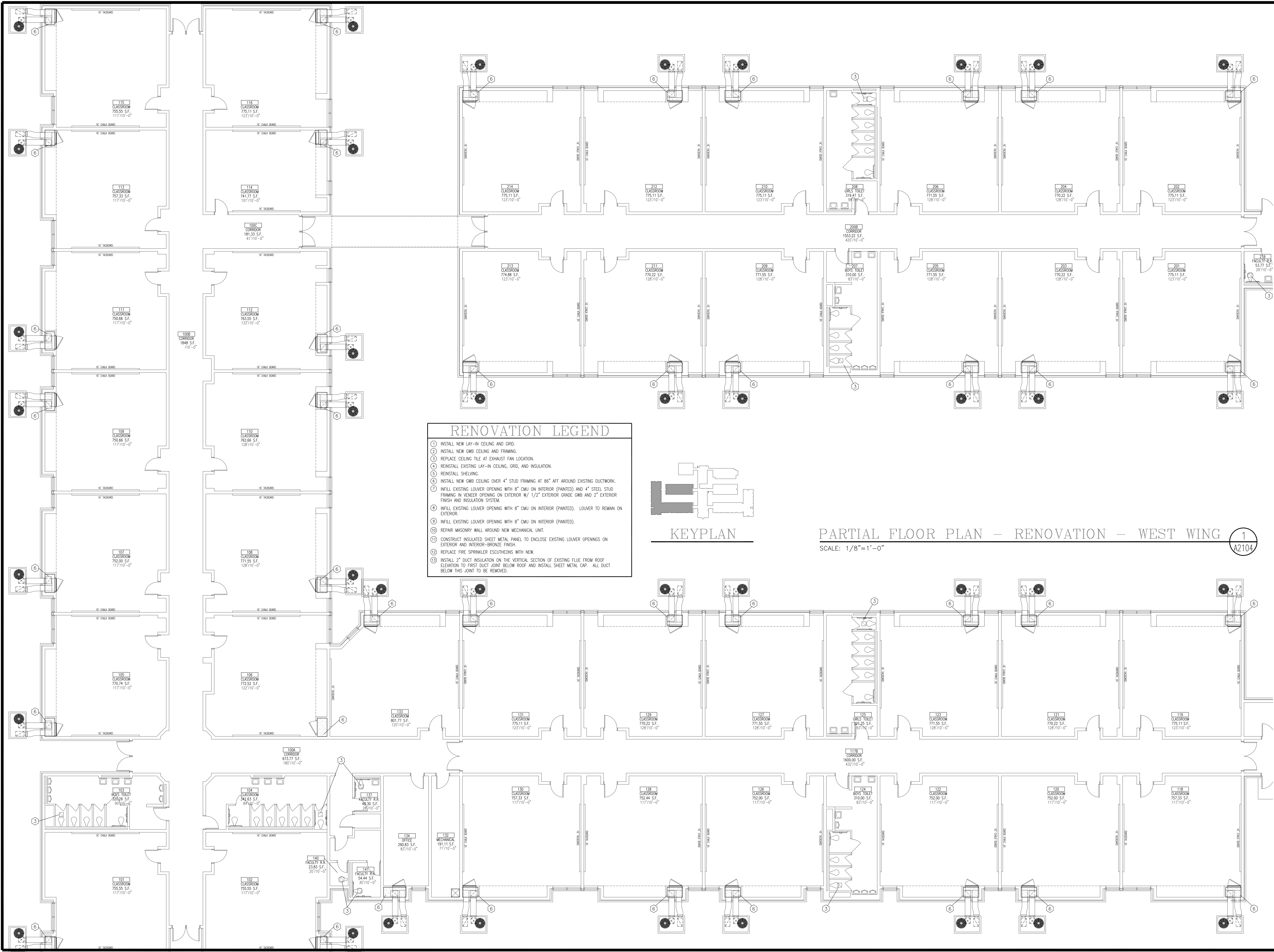
HVAC Replacement for
Cook Primary School
1531 Patterson St. Adel, GA 31620
Cook County School System

A2103

FACILITY NO: 637-019

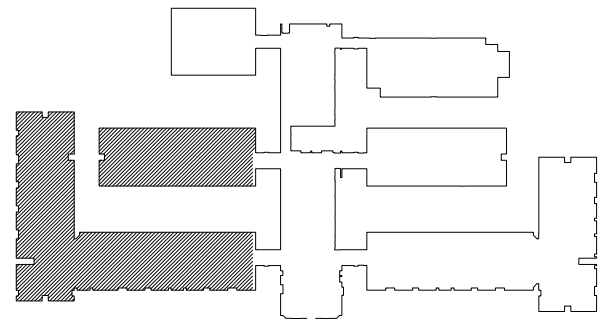
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RENOVATION LEGEND

1. INSTALL NEW LAY-IN CEILING AND GRID.
2. INSTALL NEW GWB CEILING AND FRAMING.
3. REPLACE CEILING TILE AT EXHAUST FAN LOCATION.
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KEYPLAN

PARTIAL FLOOR PLAN – RENOVATION – WEST WING

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

1
A2104

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altman + barrett
architects

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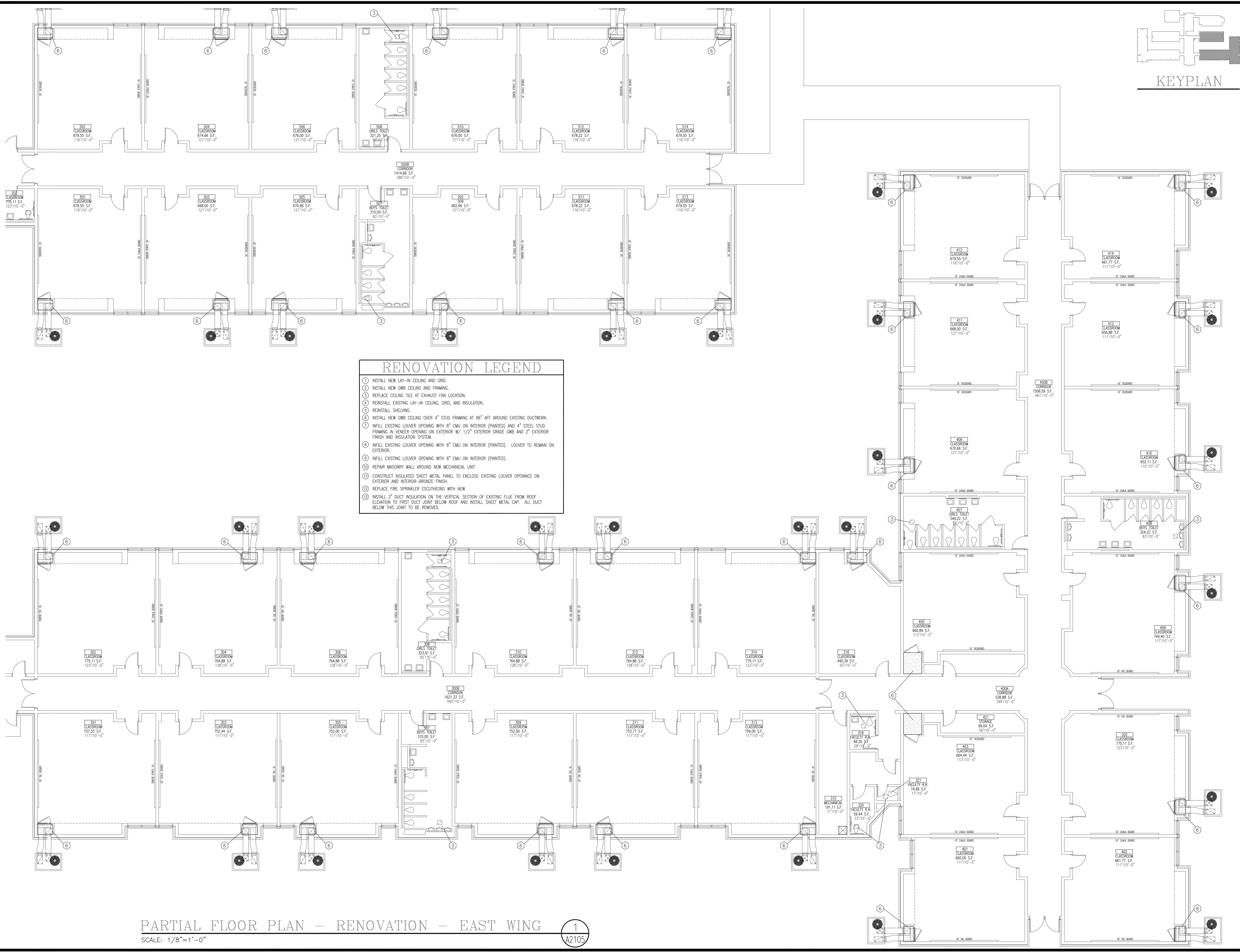
A2104

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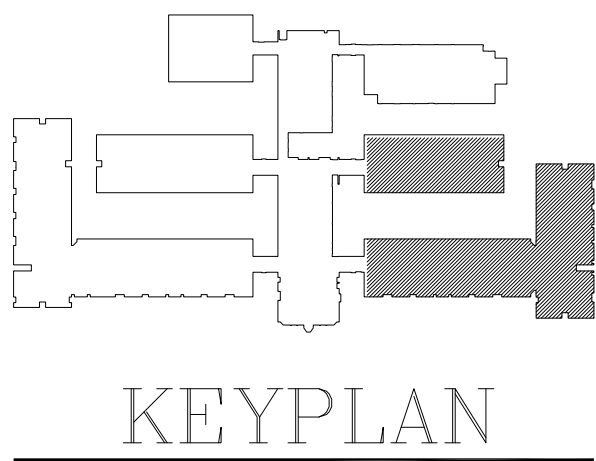
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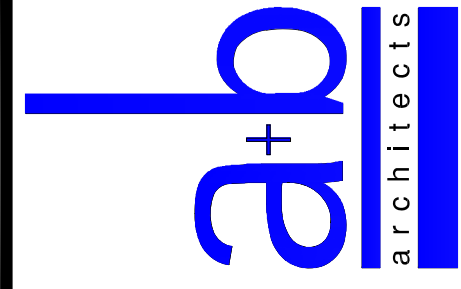


PARTIAL FLOOR PLAN - RENOVATION - EAST WING
SCALE: 1/8"=1'-0"

1
A2105



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A2105
FACILITY NO: 637-0196
PROJECT NO: 20013
Friday, January 15, 2021

A l t m a n + B a r r e t t a r c h i t e c t s

-- FAN SCHEDULE --									
ITEM	LOCATION	CFM	ESP (IN. WG)	HP	RPM	MAX. RPM	MAX. SONES	GREENHECK MODEL NO.	REMARKS
F-1	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-2	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-3	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-4	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-5	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-6	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-7	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-8	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-9	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-10	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-11	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-12	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-13	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-14	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-15	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-16	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-17	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-18	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-19	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-20	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-21	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-22	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-23	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-24	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-25	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-26	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-27	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-28	TOILET	80	0.25	21 WATTS	700	--	1.2	SP-B90	(2)(3)
F-29	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)
F-30	TOILET	700	0.25	350 WATT	1100	--	5.0	SP-A700	(2)(3)

(1) COMPLETE WITH BACKDRAFT DAMPER, ROOF CURB, BIRDSCREEN AND DISCONNECT MEANS.

(2) COMPLETE WITH BACKDRAFT DAMPER, HANGING BRACKETS, METAL CEILING GRILLE AND DISCONNECT MEANS.

(3) SWITCH WITH ROOM LIGHTS. FURNISH CONTACTORS AS REQUIRED.

-- PACKAGED 100% OUTSIDE AIR UNIT SCHEDULE --											
ITEM	C.F.M. TOTAL	EXT. S.P. INCHES W.C.	NET COOLING CAP. SENS/TOT MBH	SUMMER DESIGN		REHEAT COIL CAP. MBH	ELECTRIC HEATER KW	WINTER DESIGN		GREENHECK MODEL NO.	REMARKS
				ENTERING DB/WB	LEAVING DB/WB			ENTERING DB	LEAVING DB		
DOAS-1	1,000	0.5	51.1/100.3	97.1/79.4	50.8/50.7	47.8	19.0	22.2	82.2	RV-25-7.5S	(1)
DOAS-2	2,000	0.5	99.9/195.2	97.1/79.4	51.8/51.8	71.8	40.0	22.2	85.4	RV-25-15S	(1)

(1) COMPLETE WITH CONDENSER HAIL GUARDS, ELECTRICAL DISCONNECT MEANS. SEE SPECIFICATIONS FOR ADDITIONAL ACCESSORIES.

-- PACKAGED UNIT SCHEDULE --											
ITEM	C.F.M.	EXT. S.P.	HP.	TYPE	OUTDOOR AIR CFM	SENSIBLE M.B.H.	TOTAL M.B.H.	REFRIG. TYPE	ELECTRIC HEATER KW	CARRIER MODEL NO.	REMARKS
AC-1	6,000	1.0	-	BELT	800	141.87	185.64	--	68.9	SOLCFA17A7M6-0R0A0	(1)(2)
AC-2	6,000	1.0	-	BELT	800	141.87	185.64	--	68.9	SOLCFA17A7M6-0R0A0	(1)(2)
AC-3	1,200	0.5	-	-	200	25.6	35.1	--	16.0	50GC-N04	(1)(2)

(1) RATINGS IN ACCORDANCE WITH A.R.I. STANDARD 240.

(2) FURNISH HOT GAS REHEAT DEHUMIDIFICATION, SLOW START ON SUPPLY FAN, AND ION GENERATOR SIZED FOR FULL UNIT AIRFLOW.

-- THRU WALL HEAT PUMP SCHEDULE --							
ITEM	SIZE	COOLING CAPACITY BTUH	E.E.R.	HEATING CAPACITY BTUH	C.O.P.	FAN C.F.M.	ELEC. HEAT
TW-1	07	7,500	11.9	6,400	--	375	3.4
TW-2	07	7,500	11.9	6,400	--	375	3.4

-- INDOOR HEAT PUMP SCHEDULE --											
ITEM	SUPPLY CFM	ESP (IN. WG)	OA CFM	FAN HP	DRIVE	COOLING CAP. MBH (1)		AUX. HEAT		CARRIER MODEL NO.	REMARKS
						SENSIBLE	TOTAL	KW	STGS.		
IHP-40	1400	0.35	100	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-41	3525	0.5	300	--	--	82.9	109.9	15.0	2	40RUQA12T1A6-0A1A0	(2)
IHP-42	800	0.25	75	1/3	--	16.68	21.06	5.0	1	FB4CNP030L00	(2)
IHP-43	1400	0.35	100	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-44	1700	0.35	170	3/4	--	42.47	51.45	15.0	1	FB4CNP061L00	(2)
IHP-82	2000	0.35	0	3/4	--	42.43	51.39	9.0	1	FV4CNB006L00	(2)
IHP-83	2000	0.35	0	3/4	--	42.43	51.39	9.0	1	FV4CNB006L00	(2)
IHP-84	1400	0.35	0	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-85	1400	0.35	0	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-86	600	0.25	60	1/3	--	13.13	17.08	5.0	1	FB4CNP018L00	(2)
IHP-87	1400	0.35	100	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-88	1400	0.35	100	3/4	--	32.22	44.08	9.0	1	FB4CNP048L00	(2)
IHP-K1	2000	0.35	-	3/4	--	42.43	51.39	9.0	1	FV4CNB006L00	(2)
IHP-K2	2000	0.35	-	3/4	--	42.43	51.39	9.0	1	FV4CNB006L00	(2)
AHU-1A	10000	0.35	900	7.5	--	243.57	293.62	50.0	1	28ME	(2)
AHU-1B	10000	0.35	900	7.5	--	243.57	293.62	50.0	1	28ME	(2)

(1) RATINGS IN ACCORDANCE WITH A.R.I. STANDARD 240.

(2) FURNISH BIPOLAR IONIZATION UNIT SIZED FOR FULL UNIT AIRFLOW.

-- OUTDOOR HEAT PUMP SCHEDULE --							
ITEM	COOLING CAP. MBH (1)	EER MIN.	HEATING CAP. MBH (1)		COP (1)		CARRIER MODEL NO.
			HI	LO	HI	LO	
OHP-40	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP05
OHP-41A & B	51.45	11.5	40.19	--	3.7	2.56	25HCE460AP06
OHP-42	21.06	11.5	22.2	--	3.84	2.54	25HCE424AP03
OHP-43	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP05
OHP-44	51.45	11.5	40.19	--	3.7	2.56	25HCE460AP06
OHP-82	51.39	11.5	40.22	--	3.7	2.56	25HCE460AP06
OHP-83	51.39	11.5	40.22	--	3.7	2.56	25HCE460AP06
OHP-84	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP06
OHP-85	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP06
OHP-86	17.08	11.5	12.45	--	3.72	2.40	25HCE418AP03
OHP-87	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP06
OHP-88	44.08	11.5	45.0	--	3.64	2.56	25HCE448AP06
OHP-K1	51.39	11.5	40.22	--	3.7	2.56	25HCE460AP06
OHP-K2	51.39	11.5	40.22	--	3.7	2.56	25HCE460AP06
CU-1A	277.0	11.0	--	--	--	--	38AP502567-36124
CU-1B	277.0	11.0	--	--	--	--	38AP502567-36124

(1) RATINGS IN ACCORDANCE WITH A.R.I. STANDARD 240.

(2) FURNISH DUAL COMPRESSOR UNIT WITH INDEPENDENT REFRIGERATION CIRCUITS. IF NOT AVAILABLE, FURNISH TWO SINGLE COMPRESSOR UNITS AND ASSOCIATED ELECTRICAL MODIFICATIONS.

(3) COOLING AND HEATING CAPACITY IS TOTAL NET CAPACITY FOR TWO UNITS.



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PLOT SCALE: 1"=96'
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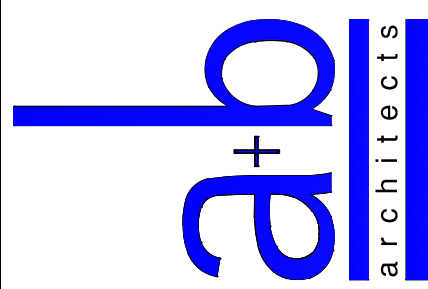
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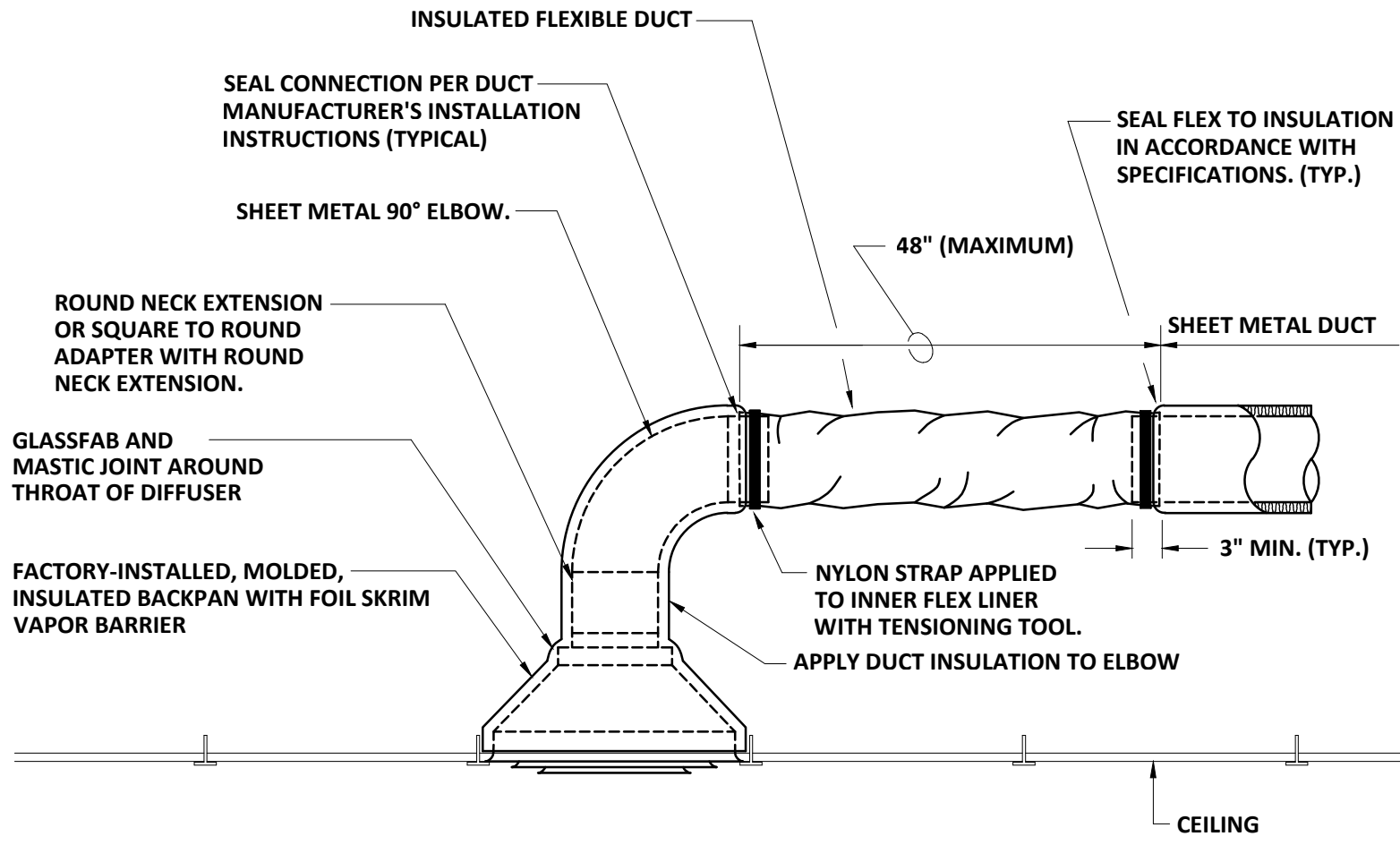
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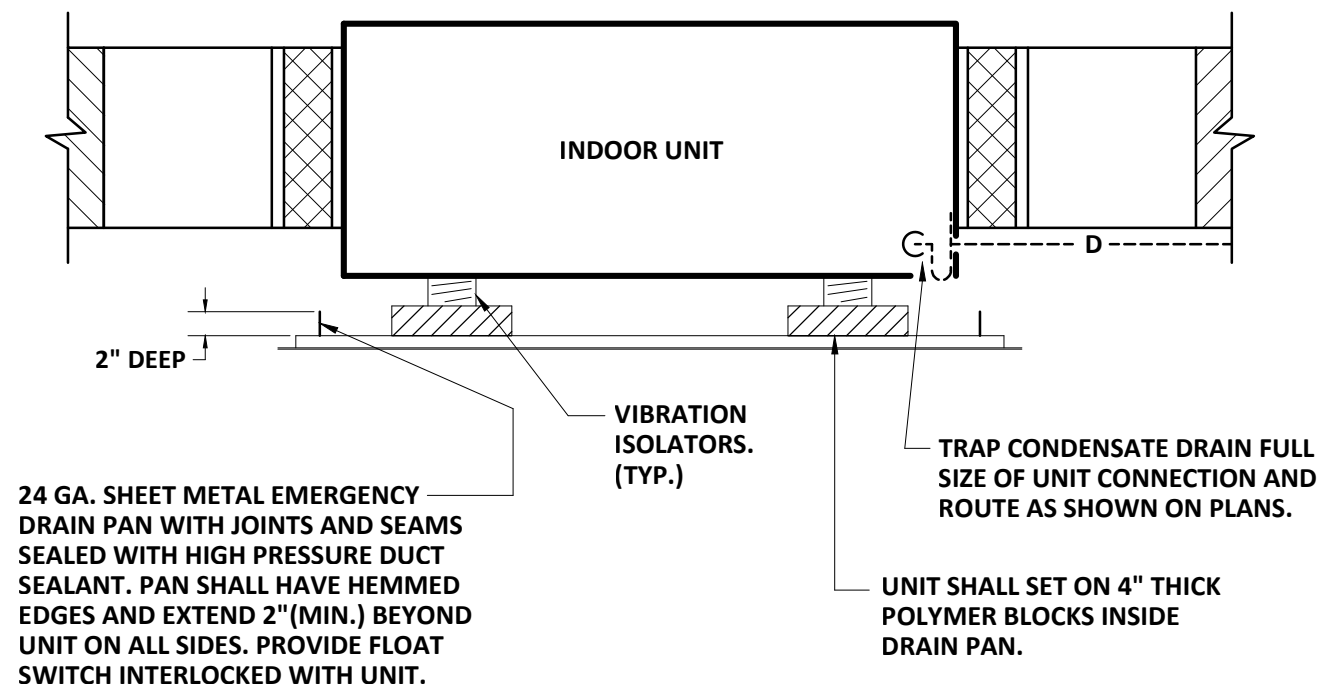
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1531 Patterson St. Adel, GA 31620
Cook County School System

M0010

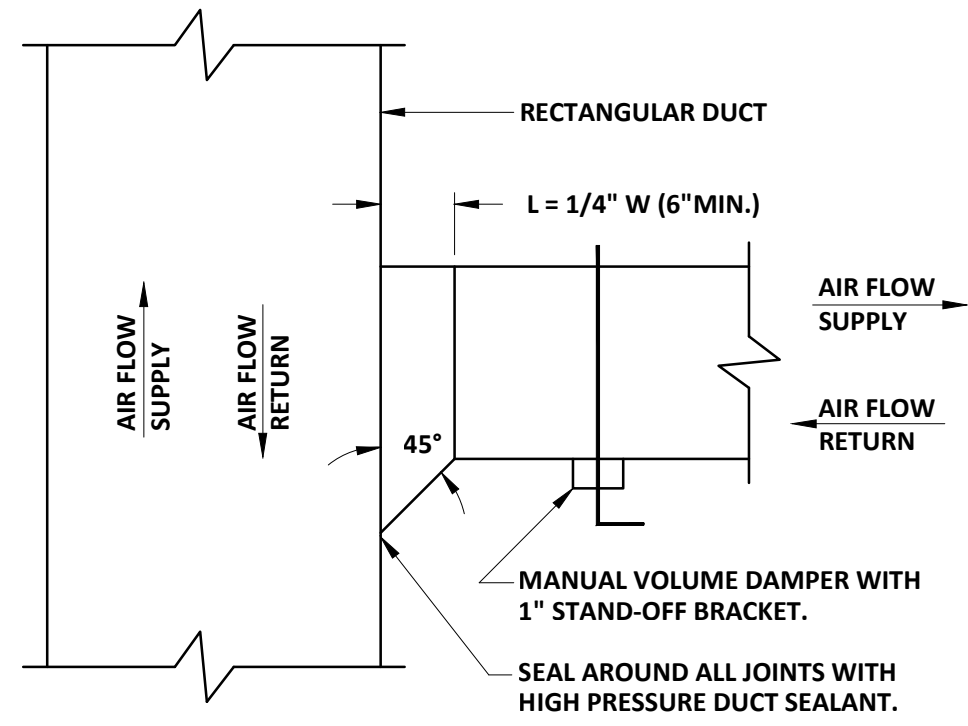
FACILITY NO: 637–0196



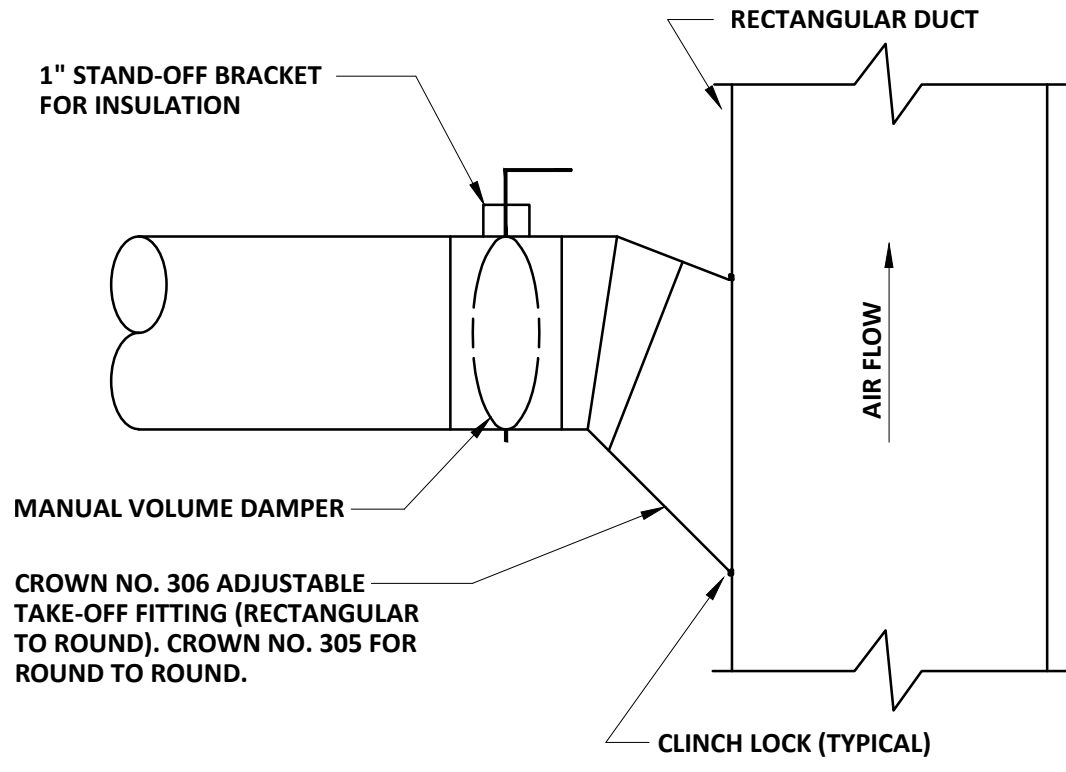
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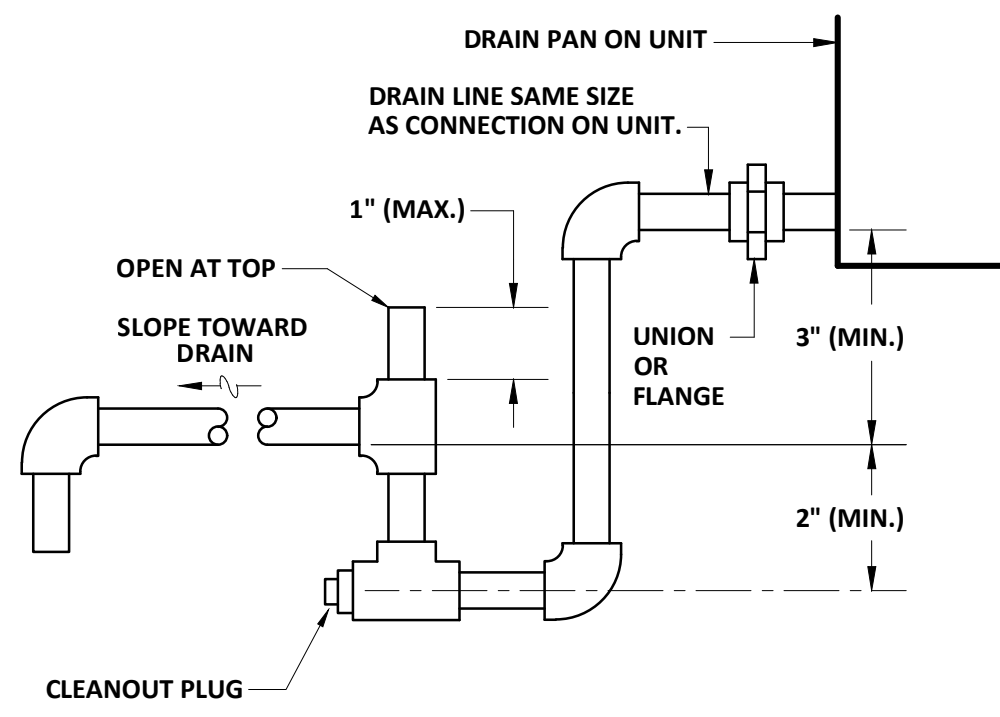
5 SECTION • HORIZONTAL IHP
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2 RECTANGULAR SUPPLY AND RETURN DUCT TAKE-OFF DETAIL
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3 SUPPLY DUCT TAKE-OFF FITTING DETAIL
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4 CONDENSATE DRAIN TRAP DETAIL
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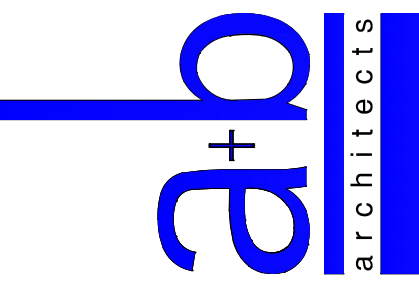
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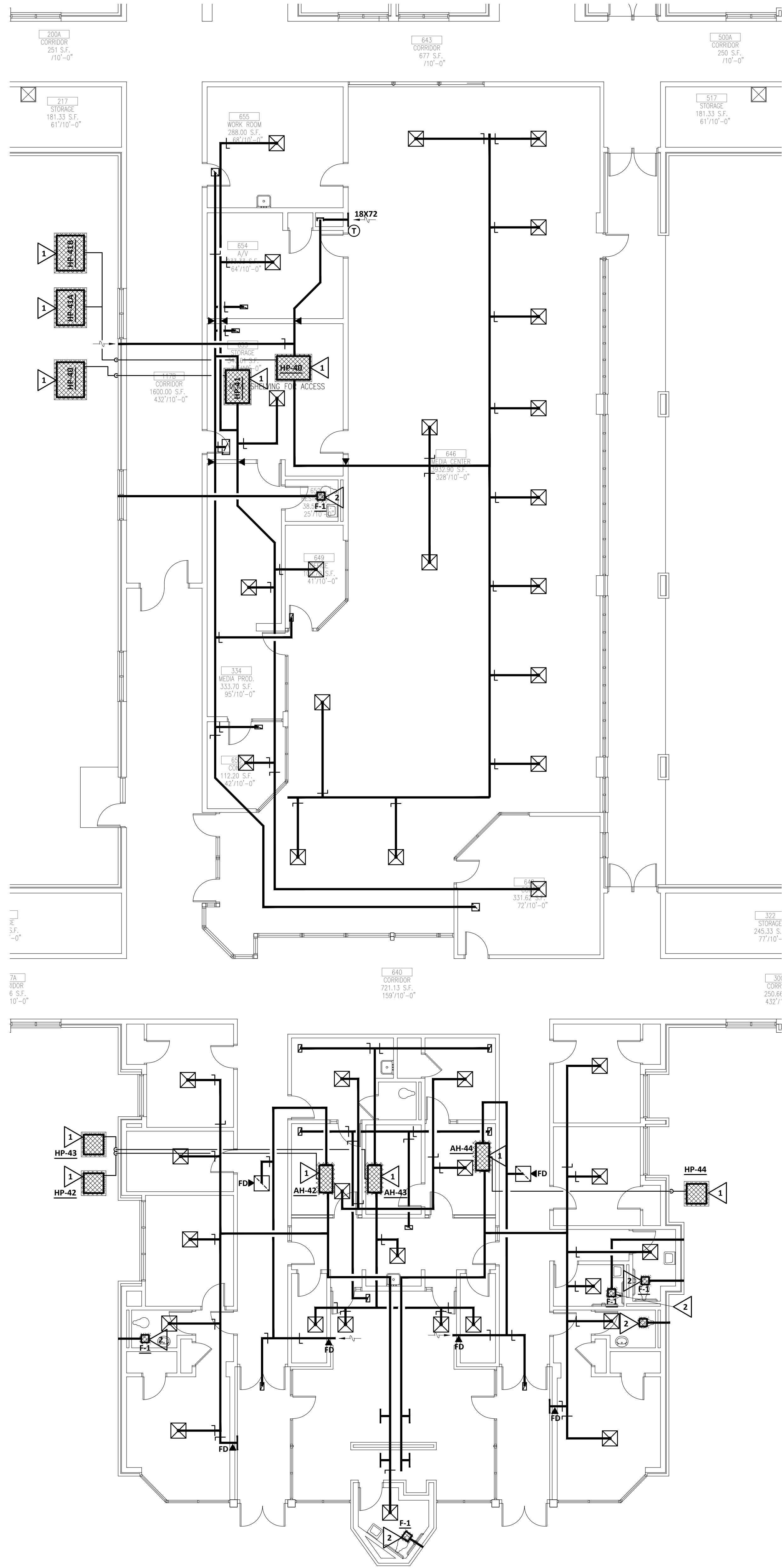
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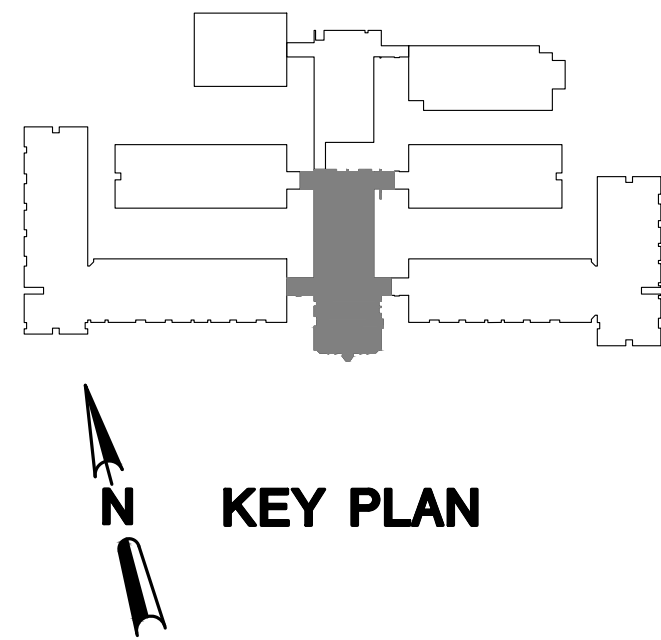
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DEMOLITION NOTES (THIS SHEET ONLY):

- DEMOLISH EXISTING SPLIT-SYSTEM INDOOR AND OUTDOOR UNIT. REPLACE UNIT AS SHOWN ON NEW WORK PLANS.
- DEMOLISH EXISTING EXHAUST FAN. REPLACE AS SHOWN ON NEW WORK PLANS.
- DEMOLISH EXISTING GAS UNIT HEATER AND ASSOCIATED PIPING, WIRING, FLUE AND CONTROLS.



HVAC DEMOLITION PLAN - ADMINISTRATION
SCALE: 1/8" = 1'-0"



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**HVAC Replacement for
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1531 Patterson St. Adel, GA 31620
Cook County School System

M2100
FACILITY NO: 637-0196

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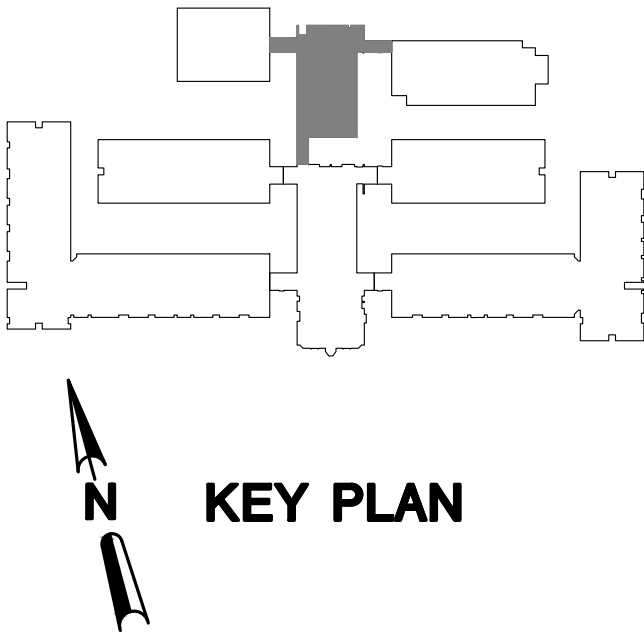
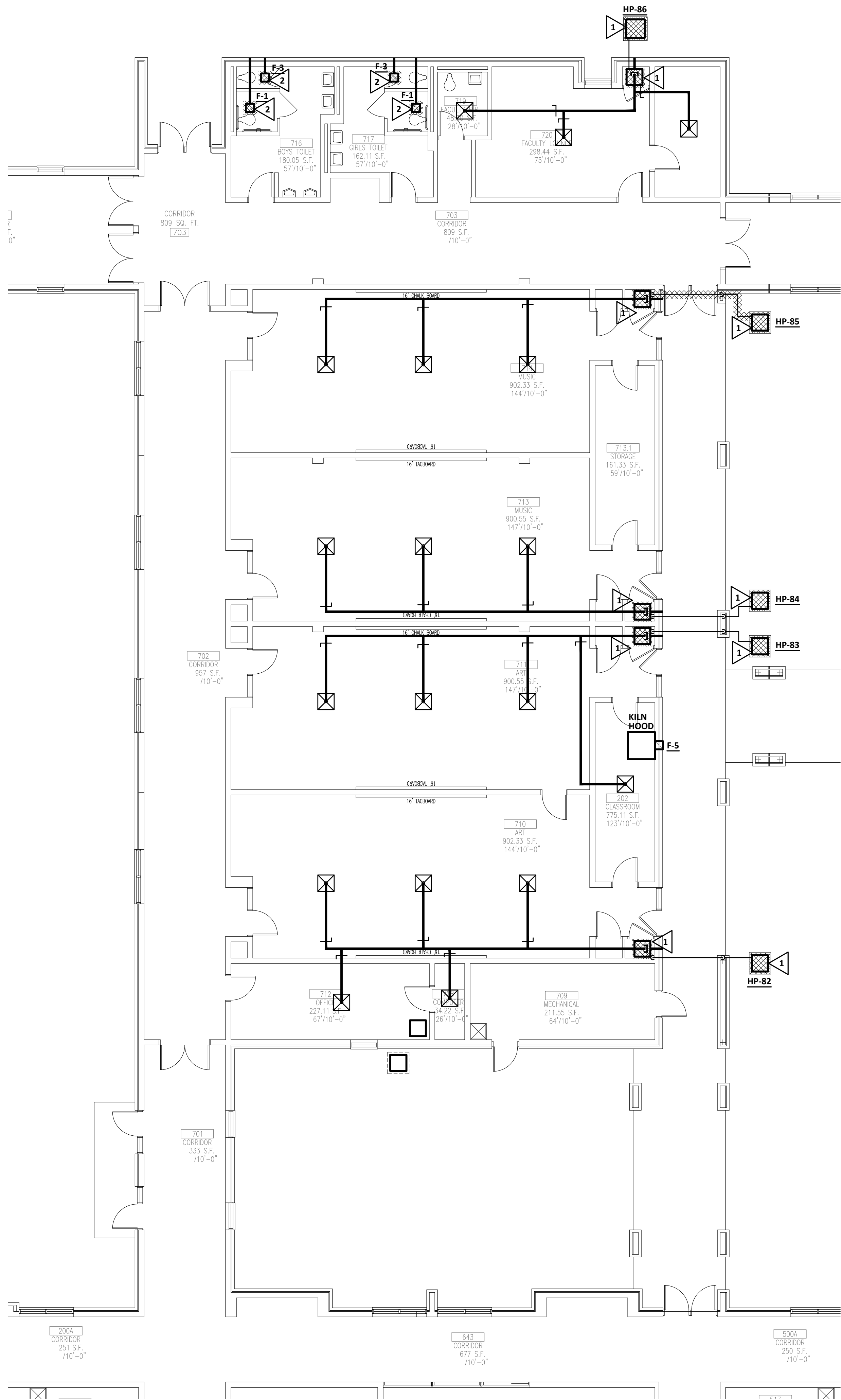
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HVAC Replacement for
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M2101

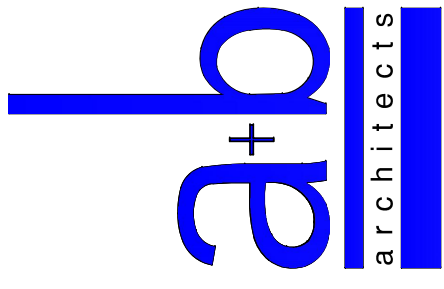
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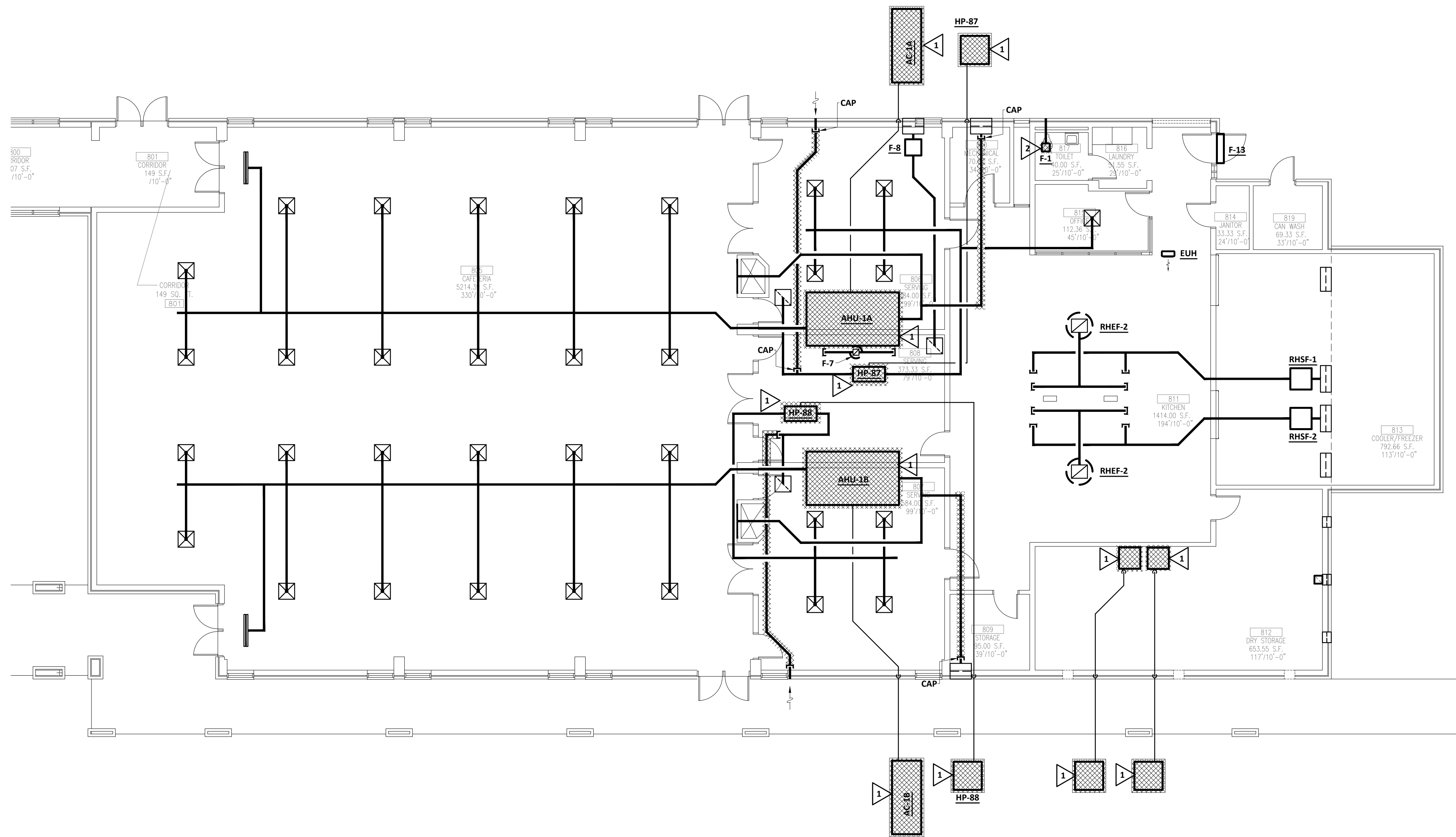
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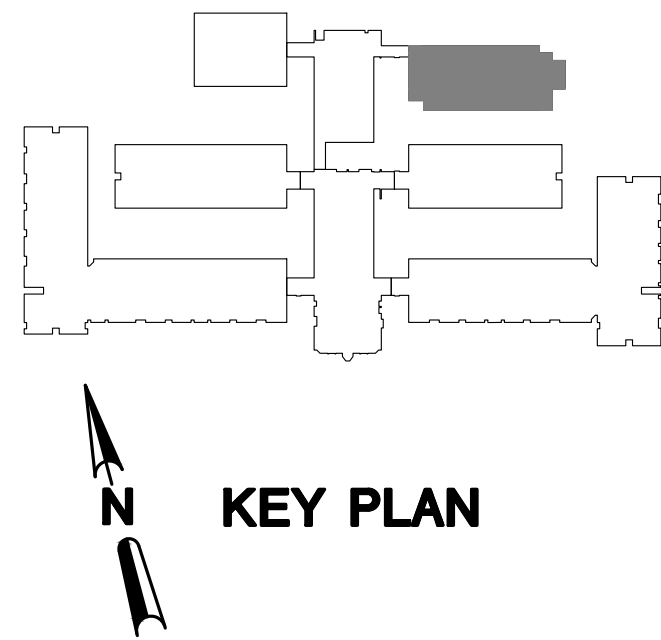
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1 HVAC DEMOLITION PLAN - FOOD SERVICE
M2102 SCALE: 1/8" = 1'-0"



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1/4" 1/2" 3/4"
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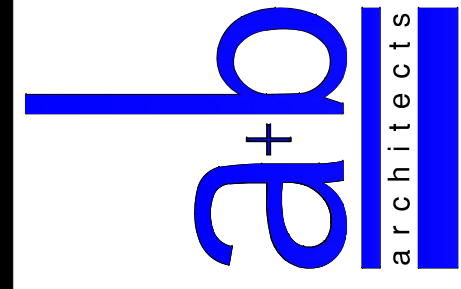
HVAC Replacement for
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M2102

FACILITY NO: 637-0196

PROJECT NO: 20013

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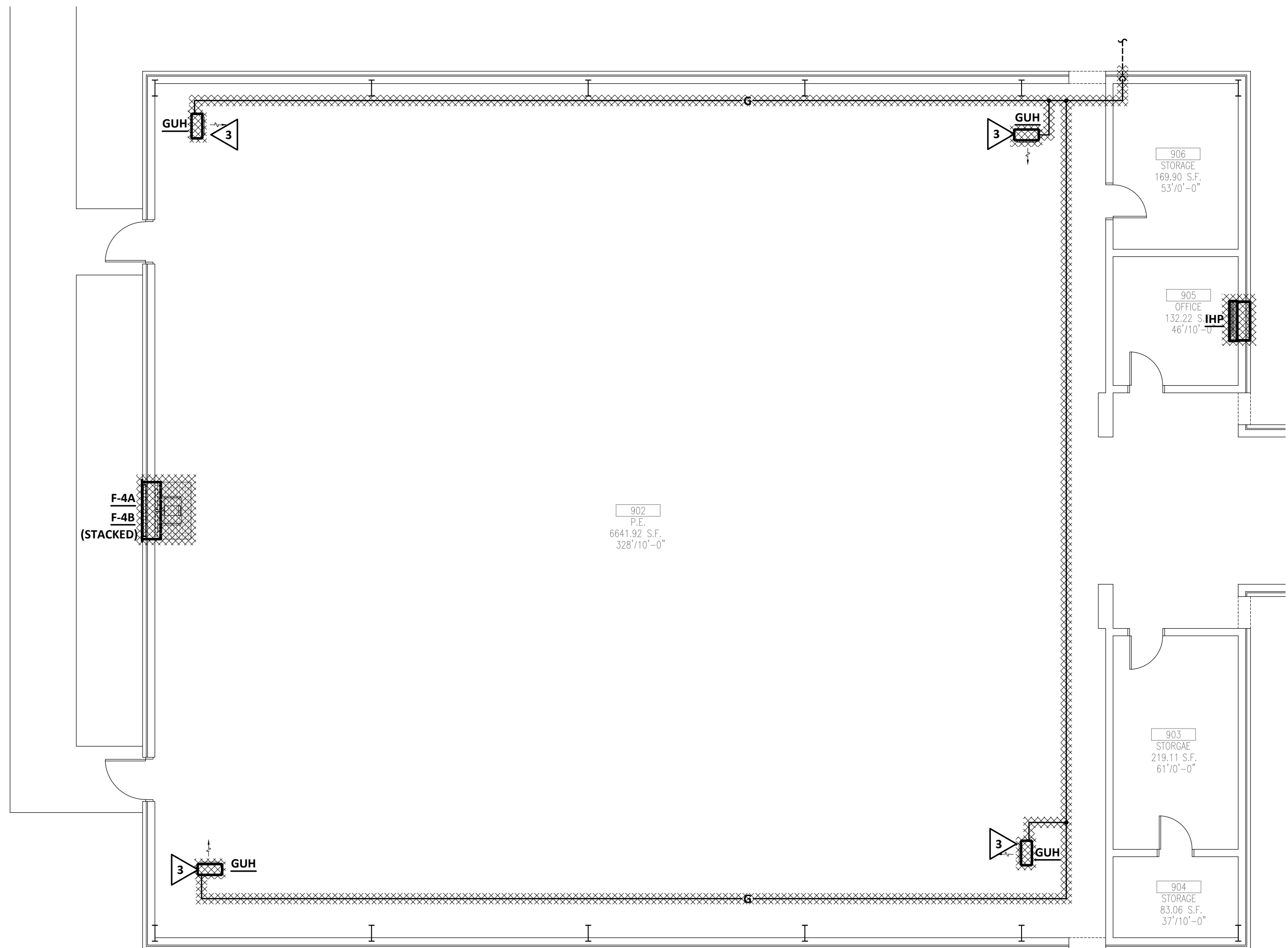


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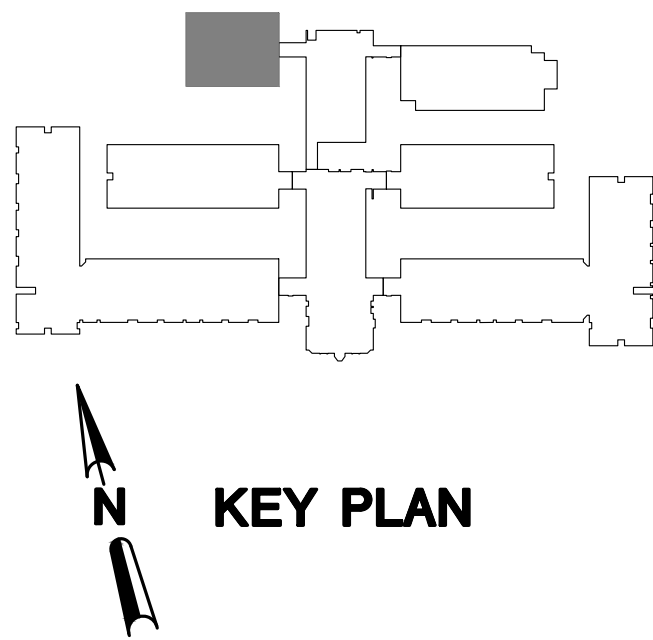
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- 2
- DEMOLISH EXISTING EXHAUST FAN. REPLACE AS SHOWN ON NEW WORK PLANS.
- 3
- DEMOLISH EXISTING GAS UNIT HEATER AND ASSOCIATED PIPING, WIRING, FLUE AND CONTROLS.



1
M2103 HVAC DEMOLITION PLAN - GYMNASIUM
SCALE: 1/8" = 1'-0"



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1" = 1'-0"
1/4 1/2 3/4
REFERENCE SCALE
PLOT DATE: 01/14/21
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PLOT SCALE: 1 = 96
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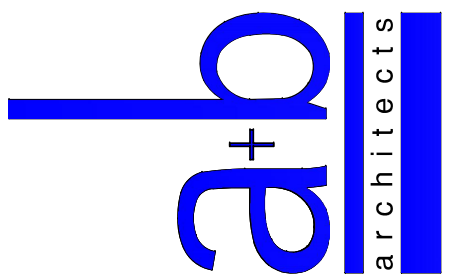
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HVAC Replacement for
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1531 Patterson St. Adel, GA 31620
Cook County School System

M2103
FACILITY NO: 637-0196

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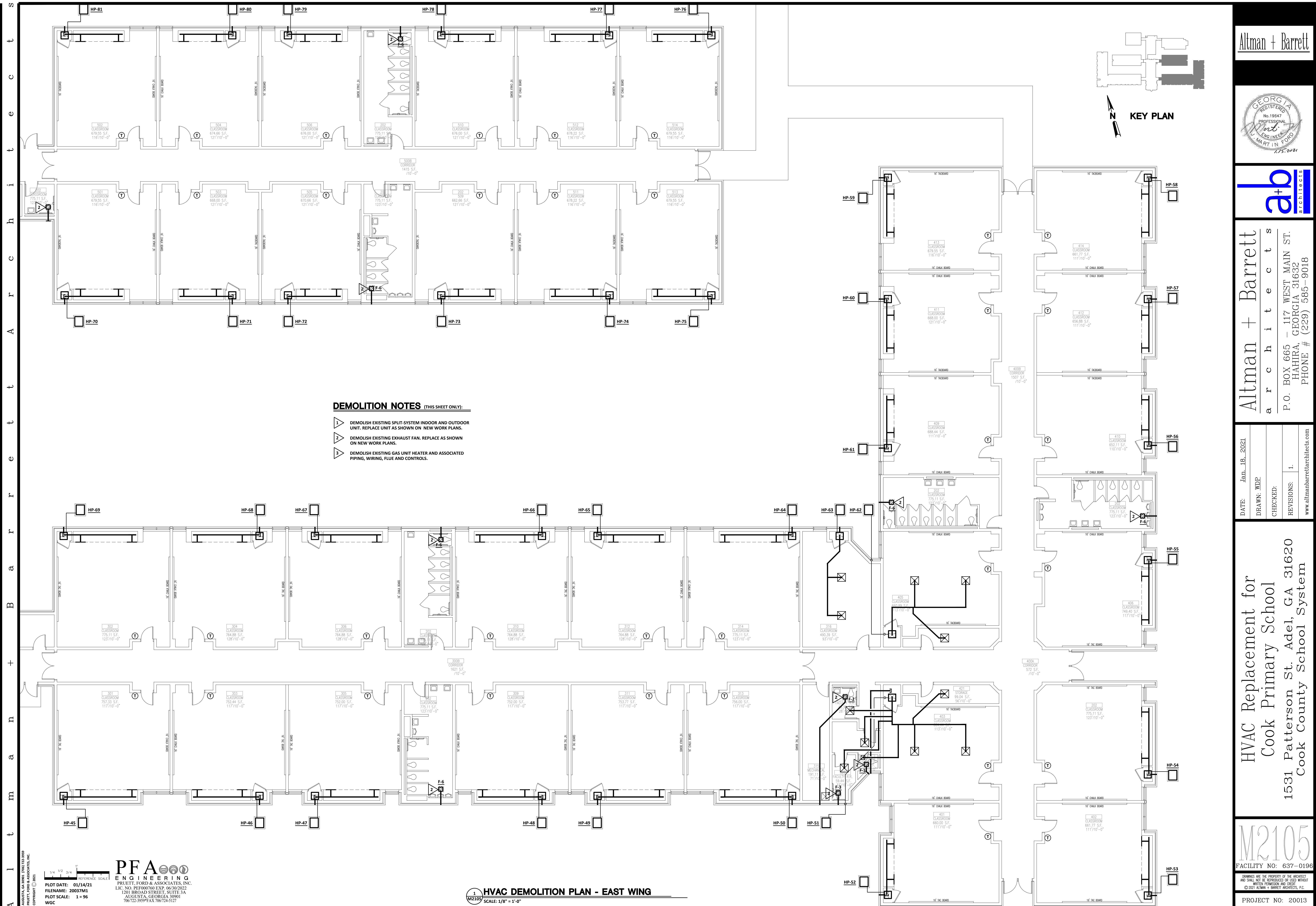
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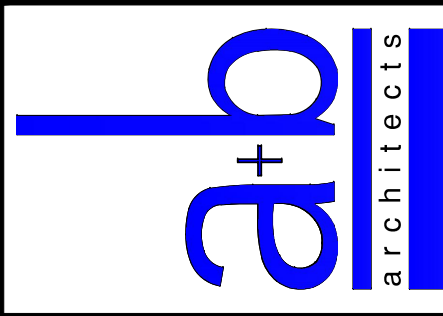
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DEMOLITION NOTES (THIS SHEET ONLY):

- DEMOLISH EXISTING SPLIT-SYSTEM INDOOR AND OUTDOOR UNIT. REPLACE UNIT AS SHOWN ON NEW WORK PLANS.
- DEMOLISH EXISTING EXHAUST FAN. REPLACE AS SHOWN ON NEW WORK PLANS.
- DEMOLISH EXISTING GAS UNIT HEATER AND ASSOCIATED PIPING, WIRING, FLUE AND CONTROLS.

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**HVAC Replacement for
Cook Primary School**
1531 Patterson St. Adel, GA 31620
Cook County School System



FACILITY NO: 637-0196

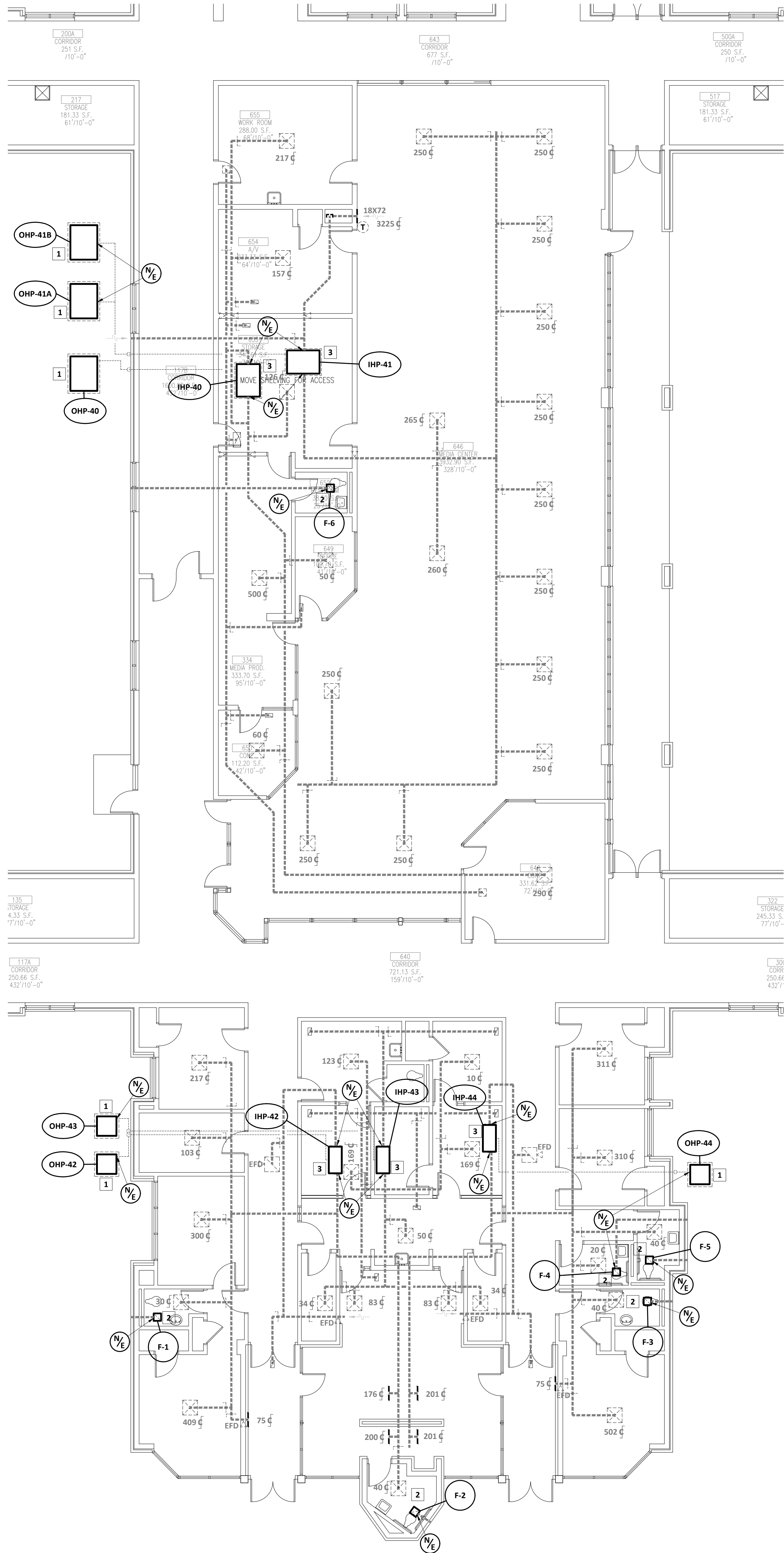
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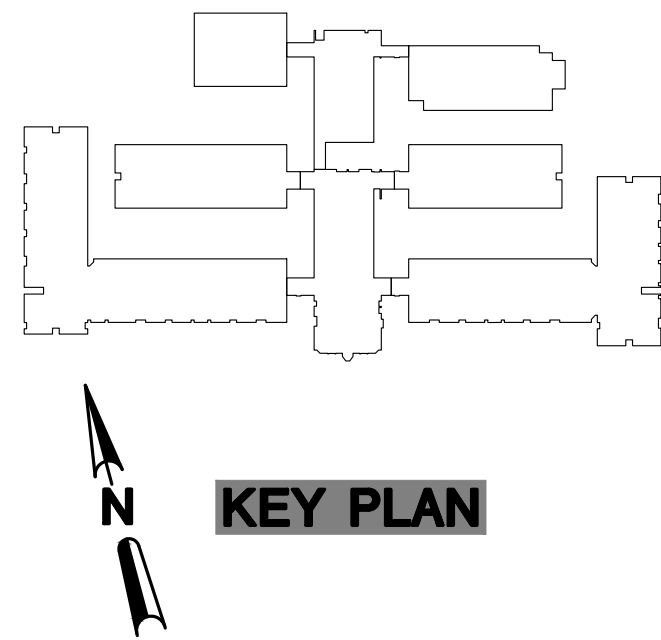
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HVAC DEMOLITION PLAN - EAST WING
SCALE: 1/8" = 1'-0"

- KEY NOTES** (THIS SHEET ONLY):
1. INSTALL NEW OHP ON EXISTING CONCRETE PAD. INCREASE PAD SIZE AS REQUIRED. CLEAN, TEST AND RECONNECT EXISTING REFRIGERANT PIPING.
 2. ATTACH NEW FAN TO EXISTING DUCT AND MOUNT FAN INTO EXISTING CEILING.
 3. INSTALL NEW IHP AND RECONNECT TO EXISTING DUCTWORK AND CONDENSATE DRAIN PIPING.



1 HVAC NEW WORK PLAN - ADMINISTRATION
SCALE: 1/8" = 1'-0"



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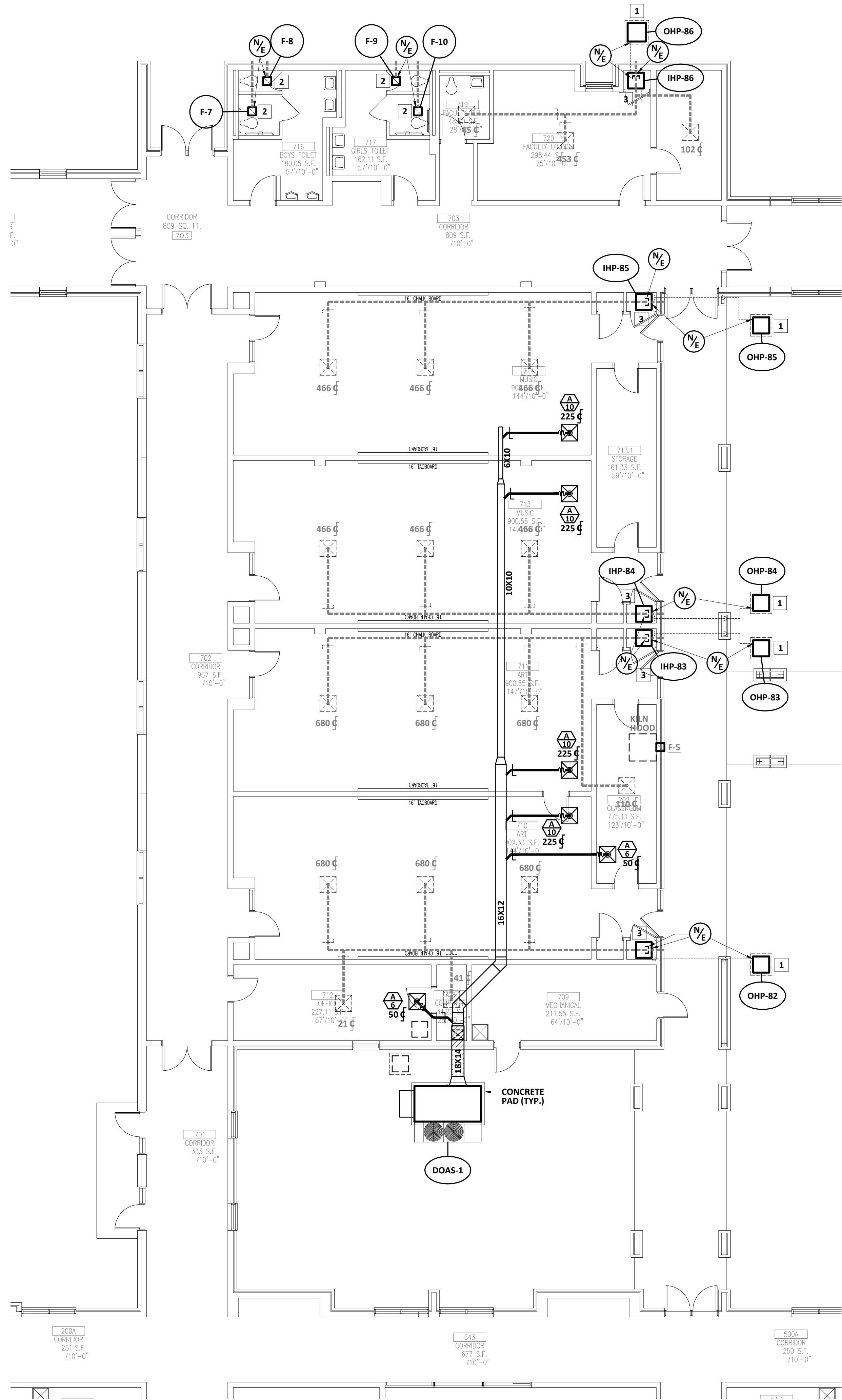
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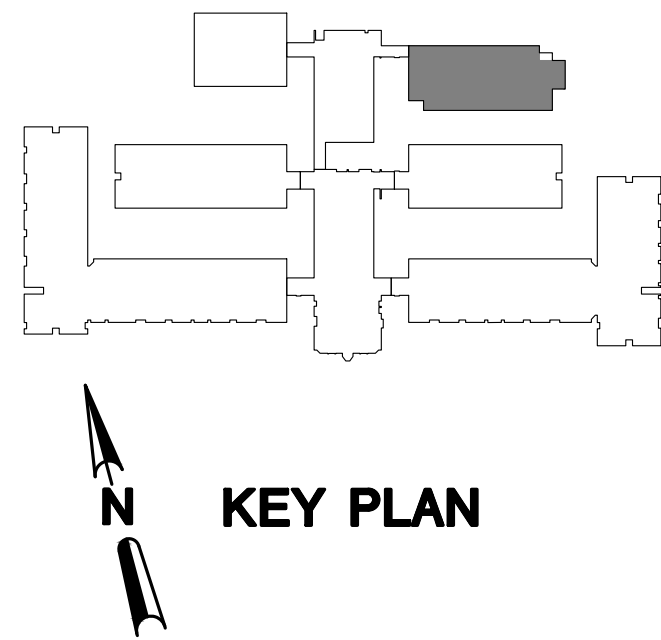


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- KEY NOTES (THIS SHEET ONLY):**
1. INSTALL NEW OHP ON EXISTING CONCRETE PAD. INCREASE PAD SIZE AS REQUIRED. CLEAN, TEST AND RECONNECT EXISTING REFRIGERANT PIPING.
 2. ATTACH NEW FAN TO EXISTING DUCT AND MOUNT FAN INTO EXISTING CEILING.
 3. INSTALL NEW IHP AND RECONNECT TO EXISTING DUCTWORK AND CONDENSATE DRAIN PIPING.



1 HVAC NEW WORK PLAN - ARTS
SCALE: 1/8" = 1'-0"



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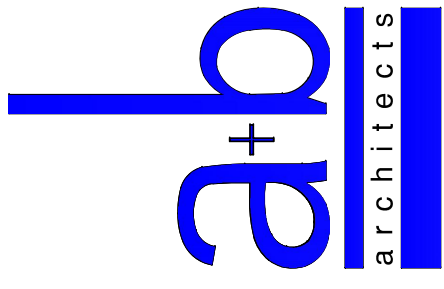
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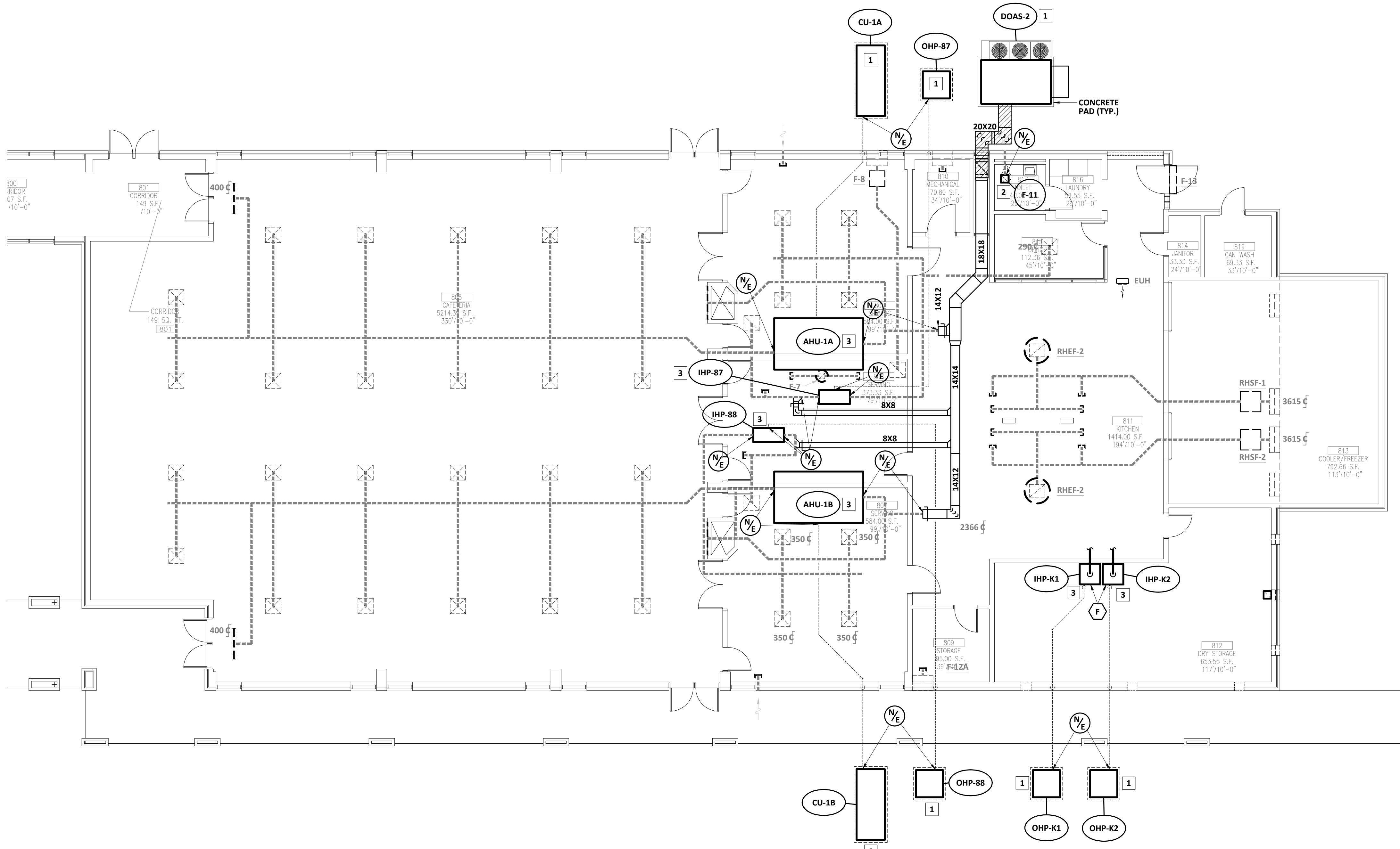
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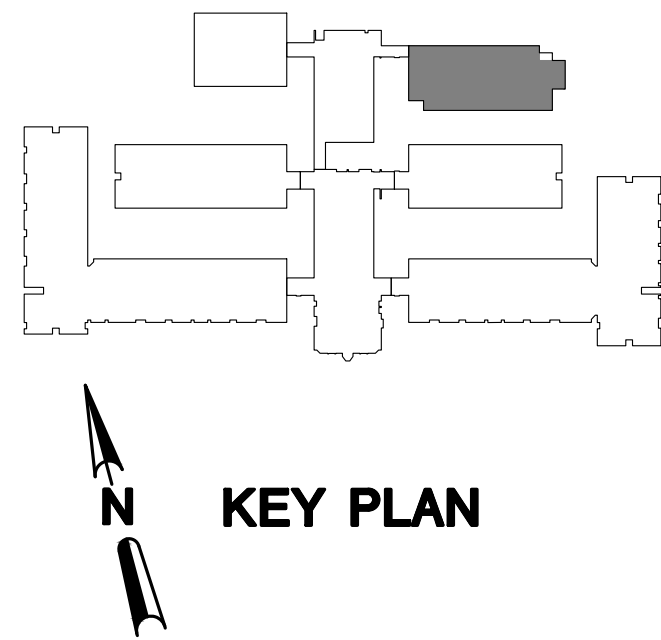


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- KEY NOTES** (THIS SHEET ONLY):
1. INSTALL NEW OHP ON EXISTING CONCRETE PAD. INCREASE PAD SIZE AS REQUIRED. CLEAN, TEST AND RECONNECT EXISTING REFRIGERANT PIPING.
 2. ATTACH NEW FAN TO EXISTING DUCT AND MOUNT FAN INTO EXISTING CEILING.
 3. INSTALL NEW IHP AND RECONNECT TO EXISTING DUCTWORK AND CONDENSATE DRAIN PIPING.



1 HVAC NEW WORK PLAN - FOOD SERVICE
SCALE: 1/8" = 1'-0"



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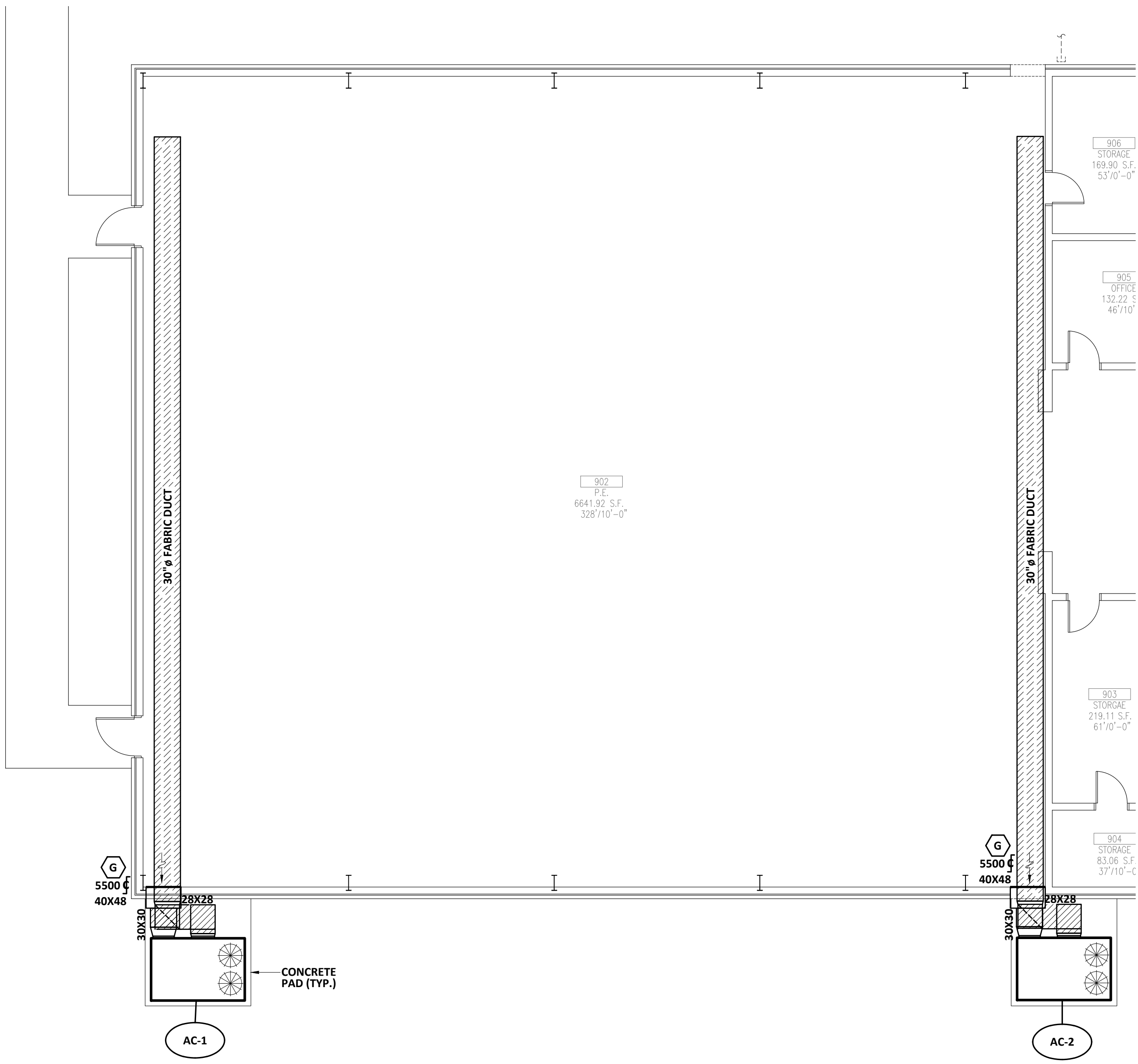
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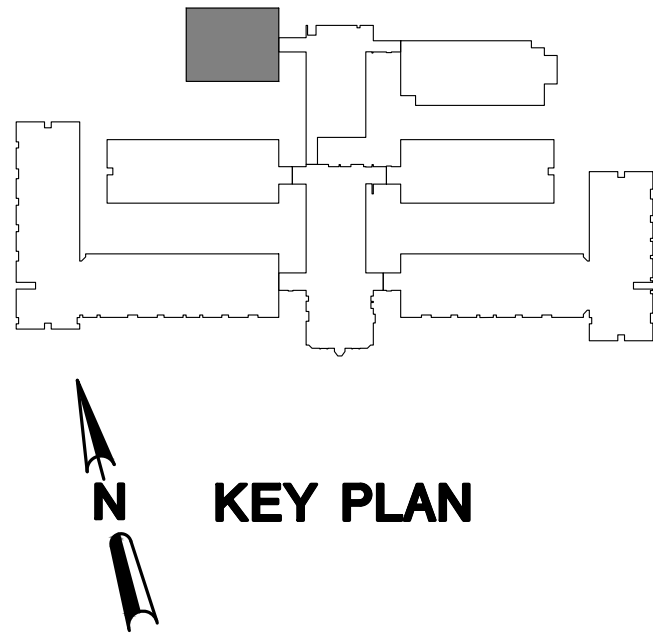
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1 HVAC NEW WORK PLAN - GYMNASIUM
M2203 SCALE: 1/8" = 1'-0"



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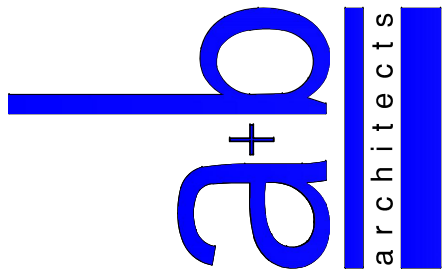
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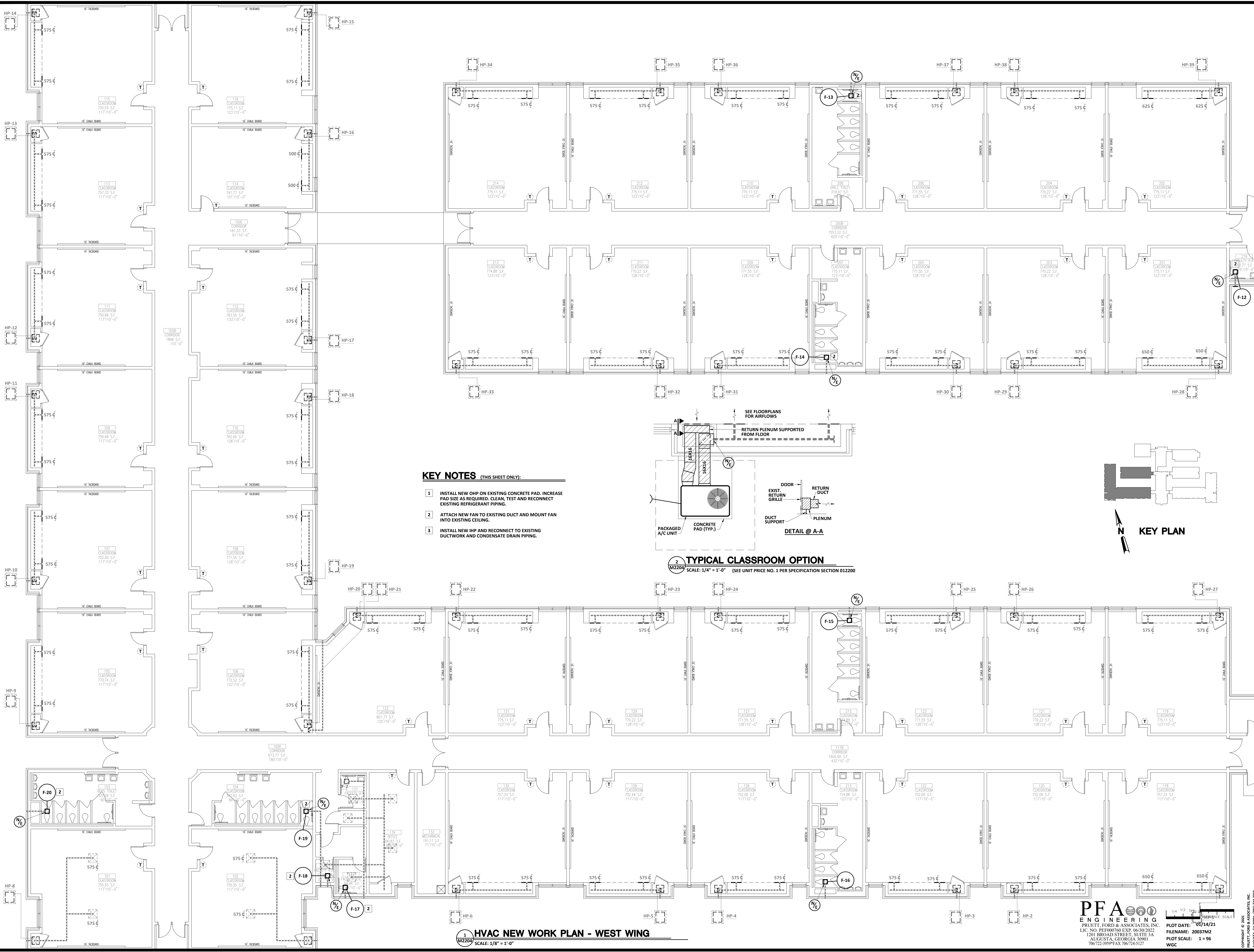
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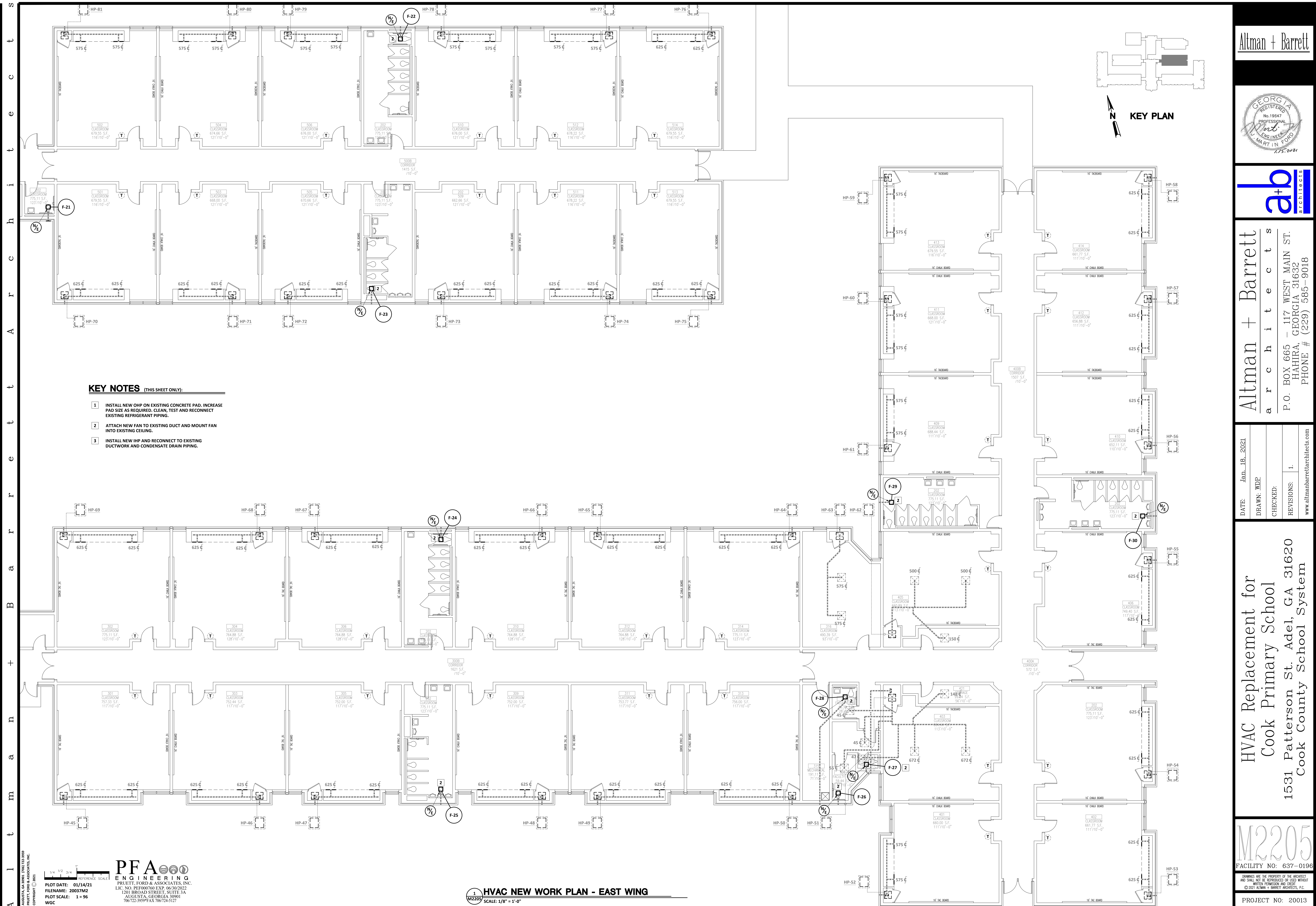
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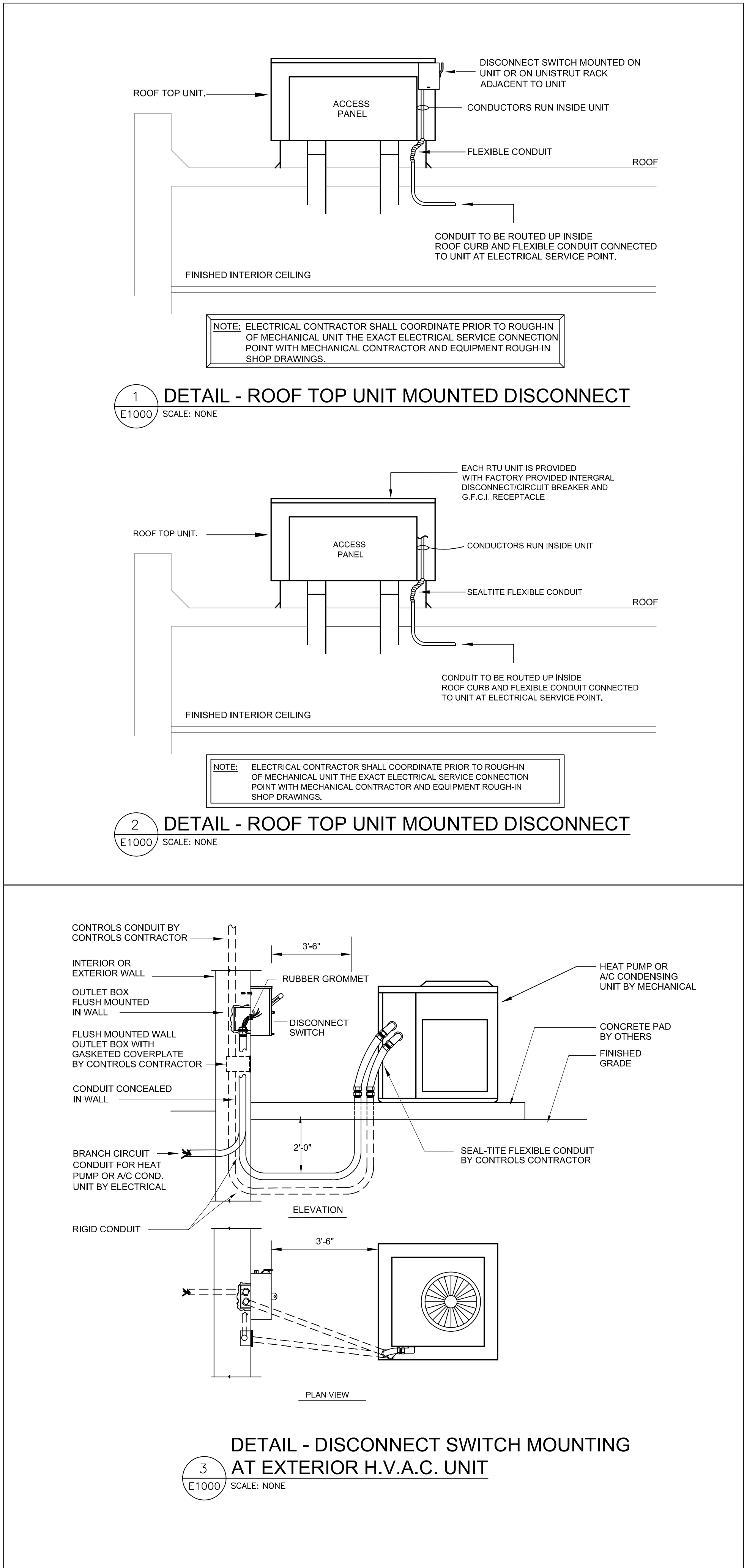
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LEGEND

LIGHTING AND POWER

CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL CONTAINING 3 NUMBER 12 CONDUCTORS UNLESS SHOWN OTHERWISE. HASH MARKS, IF SHOWN, INDICATE QUANTITY OF NUMBER 12 CONDUCTORS. WHERE DRAWING SPACE PROHIBITS HASH MARKS BEING SHOWN REFER TO CIRCUIT NUMBERS AND PROVIDE REQUIRED NUMBER OF CONDUCTORS PER CIRCUIT TYPE.

CONDUIT RUN CONCEALED IN OR BELOW FLOOR SLAB, OR UNDERGROUND.

HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARDS, NUMBERS INDICATE CIRCUIT NUMBERS.

EXPOSED CONDUIT RUN.

L.E.D. TROFFER FIXTURE. SEE FIXTURE SCHEDULE FOR DIMENSIONS AND MOUNTING TYPE.

EMERGENCY L.E.D. TROFFER. SEE FIXTURE SCHEDULE FOR DIMENSIONS, MOUNTING TYPE AND BATTERY PACK INFORMATION (IF APPLICABLE).

L.E.D. EXIT LIGHT.

PANELBOARD. SEE SCHEDULE.

DISCONNECT SWITCH, SIZE AS NOTED ON DRAWINGS. FUSED PER MANUFACTURER'S NAME PLATE DATA OF EQUIPMENT SERVED.

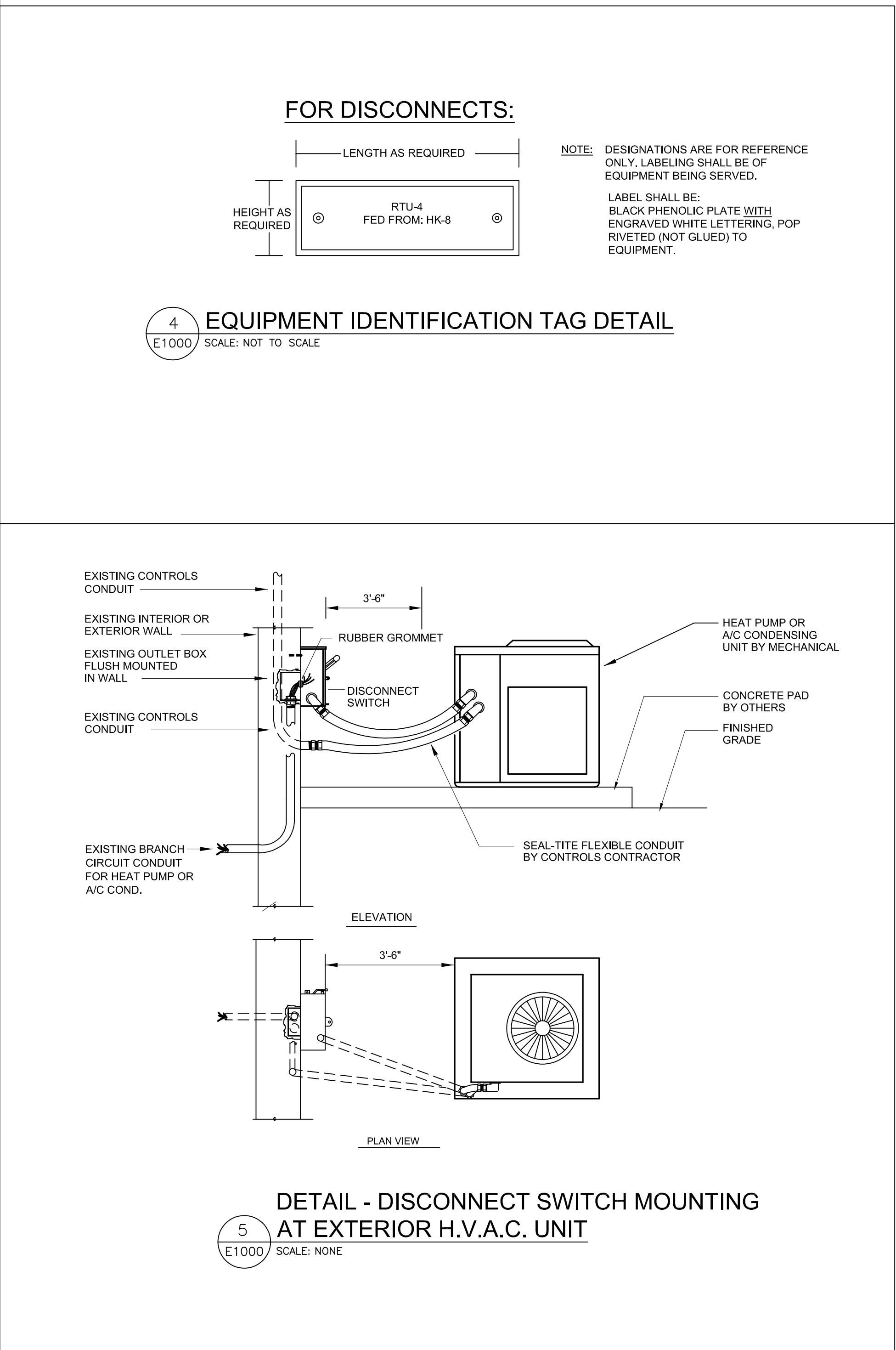
FIRE ALARM SYSTEM

EXISTING SILENT KNIGHT "INTELLIGENT" FIRE ALARM CONTROL PANEL.

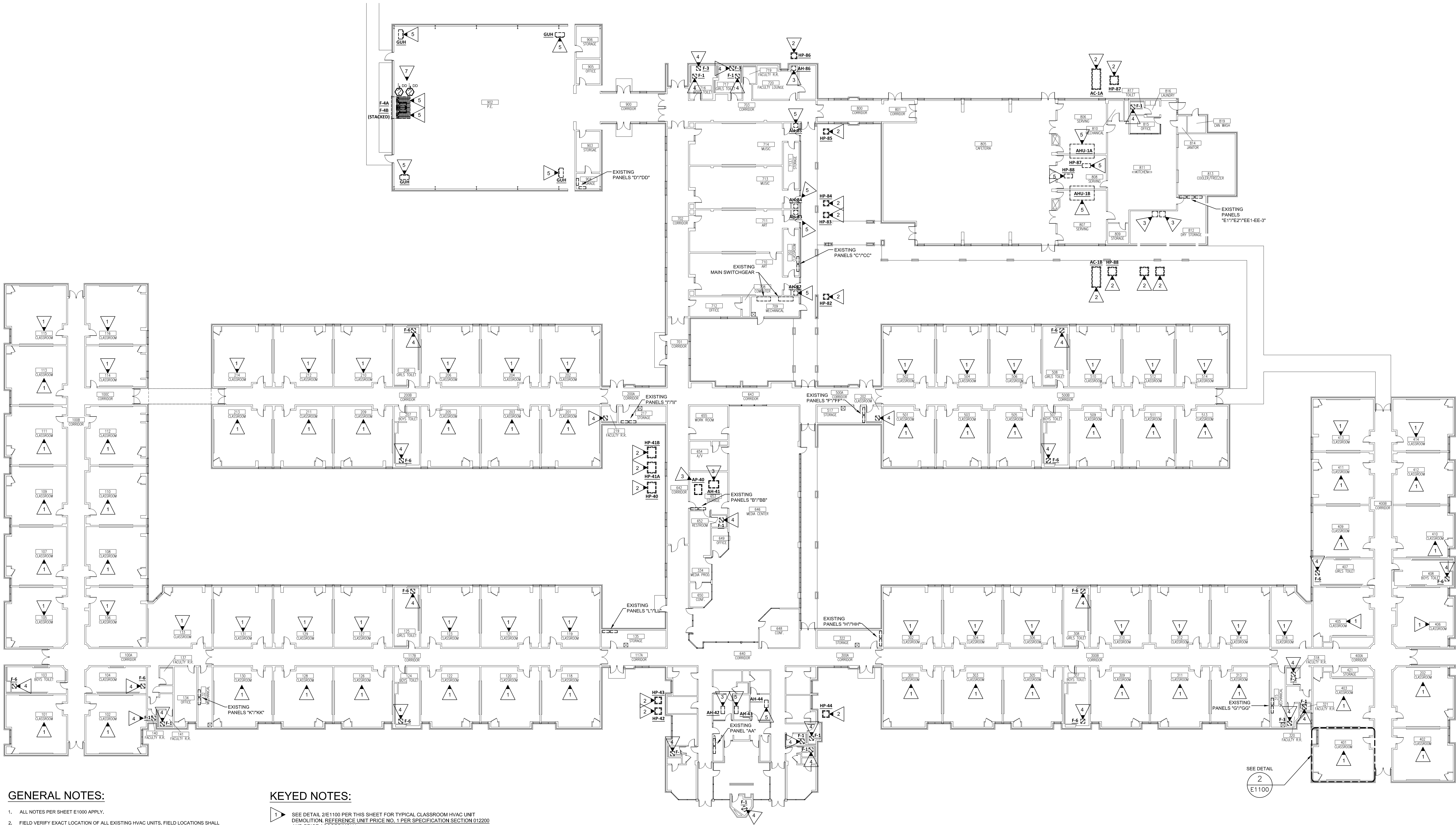
DUCT SMOKE DETECTOR, LOCATED AT HVAC UNIT OR UP STREAM OF SMOKE DAMPER. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS PRIOR TO ROUGHING IN. "VP" WHERE SHOWN INDICATES WEATHER-RESISTANT DEVICE.

FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER
A	2' x 4' RECESSED CEILING GRID TYPE EDGE-LIT FLAT PANEL FIXTURE WITH SINGLE PIECE INJECTION FRAME AND SMOOTH WHITE LENS. PROVIDE WITH BATTERY BACKUP WHERE SHOWN ON DRAWINGS.	LITHONIA "EPANEL" SERIES ORACLE METALUX H.E. WILLIAMS CREE
Ⓢ	LUMEN OUTPUT: L.E.D., 41 WATTS, 5000 LUMENS, 4000K DRIVER, MULTI-VOLT, STANDARD 0-10V DIMMING	
Ⓢ	L.E.D. EXIT LIGHT. PROVIDE WITH DIE-CAST ALUMINUM CONSTRUCTION - COMPACT HOUSING WITH BRUSHED ALUMINUM FACEPLATE, MATTE BLACK HOUSING AND RED FACED BACKGROUND, UNIVERSAL MOUNTING. PROVIDE BACKUP BATTERY PACK W/ MAINTENANCE FREE NI-CAD BATTERIES IN ORDER TO PROVIDE MINIMUM 90 MINUTES OF ILLUMINATION.	LITHONIA "LOC" SERIES HUBBELL SURE-LITES EVERGLITE BEGHELLI
Ⓢ	LAMPS: L.E.D. DRIVER: MULTI VOLT INPUT	
EMERGENCY BATTERY PACK	1. RECESSED AND SURFACE MOUNTED L.E.D. EMERGENCY TROFFER FIXTURES SHALL BE PROVIDED WITH BATTERY PACK UNIT INSTALLED IN DRIVER COMPARTMENT AND SHALL PROVIDE MINIMUM 1400 LUMEN OUTPUT FROM FOR A MINIMUM OF 90 MINUTES AND SHALL BE PROVIDED INDICATOR LIGHT AND TEST SWITCH AT DRIVER COMPARTMENT.	JOA SILTRON LITHONIA CHLORIDE SIDE-LITE EMERGLITE LIGHTGUARD LITE-ALARMS
OR ○		



- GENERAL NOTES:
- DO NOT SCALE DRAWINGS TO LOCATE EQUIPMENT OR OUTLETS.
 - MOUNTING HEIGHTS AS INDICATED ON THE DRAWINGS SHALL BE FROM THE FINISHED FLOOR TO THE CENTER LINE OF THE OUTLET BOX.
 - THE ELECTRICAL DRAWINGS ARE ONLY A PART OF THE CONTRACT DOCUMENTS. ALL OF THE DRAWINGS AND SPECIFICATIONS MUST BE REVIEWED FOR THEIR INTERRELATIONSHIP AND REQUIRED COORDINATION BETWEEN DISCIPLINES.
 - 112 SYMBOL INDICATING ROOM OR SPACE NUMBER.
 - ALL CONDUIT ROUTED FROM DISCONNECT TO EXTERIOR HVAC UNITS SHALL BE ROUTED UNDERGROUND, TURN UP ADJACENT TO UNIT AND MAKE TRANSITION TO SEALTITE TO SERVE UNIT. CONDUIT SHALL BE ROUTED CONCEALED IN WALL. SEE DETAIL.
 - ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4" IN ORDER TO COMPLY WITH N.E.C. 314-20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT ACCEPTABLE.
 - ALL CONDUIT, OUTLET BOXES, AND LOW VOLTAGE CABLING SHALL BE APPROPRIATELY SUPPORTED THROUGHOUT THE PROJECT. SUPPORT OF THESE ITEMS BY CEILING GRID OR GRID SUPPORT WIRES IS NOT ACCEPTABLE.
 - COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH IN, ADJUST LOCATION OF DISCONNECTING MEANS AND BRANCH CIRCUITRY AS REQUIRED.
 - PRIOR TO PROJECT COMPLETION, ELECTRICAL CONTRACTOR SHALL OBTAIN FINAL SPACE NUMBERS FROM OWNER AND/OR ARCHITECT. PROVIDE NEW TYPEWRITTEN PANELBOARD DIRECTORIES REFLECTING ANY CHANGES MADE TO PANEL. TYPEWRITTEN PANELBOARD DIRECTORIES SHALL REFLECT SPACE DESIGNATION AND DESCRIPTION OF EACH CIRCUIT. NO EXCEPTIONS.
 - ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRINGS WITH ID TAG INDICATING TERMINATION LOCATION LABEL AT EACH END.
 - DIVISION 26 CONTRACTOR SHALL WARRANTY ALL EQUIPMENT AND INSTALLATION OF SUCH FOR TWO(2) YEARS FROM DATE OF PROJECT ACCEPTANCE. WARRANTY APPLIES TO ENTIRE DIVISION 26 SCOPE.
 - SEE SPECIFICATIONS FOR COLORED TRACER REQUIRED ON ALL NEUTRAL CONDUCTORS FOR LIGHTING AND RECEPTACLE CIRCUITS.
 - REFER TO SPECIFICATIONS ALONG WITH DETAIL PER THIS SHEET FOR LABELING OF ALL JUNCTION BOX COVERS AS WELL AS I.D. TAGS FOR DISCONNECTS AND PANELBOARDS.
 - CONTRACTOR IS TO NOTE LOCATIONS OF ALL EXISTING FIRE WALLS, FIRESTOP ALL CONDUIT PENETRATIONS ACCORDINGLY.
 - THE CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR COMPLETE SCOPE.
 - COORDINATE ELECTRICAL WITH ARCHITECTURAL/MECHANICAL DETAILS, FLOOR PLANS, ELEVATIONS AND STRUCTURAL DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS.
 - WHERE CONDUIT RUNS ARE EXPOSED IN AN AREA WITHOUT CEILING, CONDUIT RUN GOING DOWN IN A WALL SHALL BE CONCEALED WHERE POSSIBLE.
 - WHERE CONDUIT RUNS ARE EXPOSED ON THE EXTERIOR, CONDUIT SHALL BE TYPE "GRS" AND PAINTED TO MATCH EXTERIOR COLOR.
- DEMOLITION NOTES:
- THE CONTRACTOR SHALL FIELD VERIFY EXACT ROUTINGS OF EXISTING RACEWAYS BEFORE STARTING ANY WORK AND NOTIFY THE ARCHITECT OF ANY KNOWN DISCREPANCIES.
 - THE CONTRACTOR SHALL REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS WHERE INDICATED ON DRAWINGS OR AS REQUIRED TO COMPLETE REVISED CIRCUITS AND TO CONFORM TO N.E.C.
 - ALL EXISTING EQUIPMENT REMOVED FROM SERVICE AND NOT INTENDED FOR REUSE SHALL REMAIN THE PROPERTY OF OWNER AND SHALL BE STORED OR DISPOSED OF AS DIRECTED BY THE OWNER.
 - MAINTAIN SERVICE TO ALL EXISTING CIRCUITS THAT ARE NOT SCHEDULED FOR REMOVAL.
 - PROVIDE BLANK COVERS ON ALL JUNCTION BOXES AND OUTLET BOXES NOT INTENDED FOR REUSE.
 - EXISTING CEILING, WALLS AND FLOORS DISTURBED OR DISFIGURED BY THE ELECTRICAL RENOVATIONS SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR.
 - EXISTING EQUIPMENT SHOWN ON ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS THAT WILL REMAIN SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
 - TO MAINTAIN SERVICE, TO EXTEND, OR TO RECONNECT CIRCUITS WHERE CONDUIT CAN NOT BE CONCEALED, SURFACE METAL RACEWAY (WIREMOLD) SHALL BE USED. VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
 - WHERE EXISTING CONCRETE FLOOR SLAB IS SAW CUT AND CONCRETE IS CHIPPED OUT FOR ELECTRICAL UNDER FLOOR EQUIPMENT ANY ELECTRICAL CONDUIT, WIRING AND PLUMBING PIPING THAT IS DAMAGED SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR.
 - CONTRACTOR TO SURVEY EXISTING AREAS ABOVE CEILING FOR EXISTING ELECTRICAL MECHANICAL SYSTEM CONDUIT AND JUNCTION BOXES WHICH ARE TO REMAIN. ANY CONDUIT OR JUNCTION BOXES NOT CURRENTLY IN COMPLIANCE WITH N.E.C. SHALL BE SUPPORTED ACCORDINGLY TO MEET CODE. CONTRACTOR TO PROVIDE ADDITIONAL HANGERS TO SUPPORT AS NECESSARY.
 - CONTRACTOR TO REVIEW EXISTING CONDUIT PENETRATIONS OF RATED WALL AT RENOVATED SPACES. CONTRACTOR TO PROPERLY FIRE STOP ANY EXISTING CONDUIT PENETRATIONS OF RATED WALLS IN ORDER TO MAINTAIN INTEGRITY OF RATED WALL.
 - UNLESS NOTED OTHERWISE, ALL ELECTRICAL DEVICES, LIGHT FIXTURES, PANELBOARDS, CONDUITS, CONDUCTORS, ETC. ARE TO REMAIN UNLESS OTHERWISE NOTED.
 - SEE MECHANICAL DEMOLITION PLANS FOR THE EXTENT OF HVAC DEMOLITION.
- MECHANICAL GENERAL NOTES:
- TYPE "MC" CABLING SHALL **NOT** BE PERMITTED FOR CONNECTION OF ANY MECHANICAL UNIT.
 - ALL MECHANICAL UNITS SHOWN WITHIN THIS SET OF DRAWINGS ARE A ONE FOR ONE REPLACEMENT UNLESS OTHERWISE NOTED. THE DRAWINGS ARE INTENDED TO PROVIDE A SCOPE OF THE DEMOLITION/NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECT OF ALL EXISTING MECHANICAL UNITS AND THE RE-CONNECTION OF ALL NEW REPLACEMENT MECHANICAL UNITS. VERIFY EXACT LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL DRAWINGS AND FIELD CONDITIONS.
 - MECHANICAL UNIT LOCATIONS ARE APPROXIMATE LOCATIONS. FIELD VERIFY EXACT LOCATIONS OF ALL EXISTING MECHANICAL UNITS. FIELD LOCATIONS SHALL GOVERN. DISCONNECT MEANS SHALL BE FIELD LOCATED AS REQUIRED TO MAINTAIN N.E.C. CLEARANCES.
 - ALL INTERIOR DISCONNECTS SHALL REMAIN AS IS. PROVIDE NEW FLEXIBLE CONNECTION WITH NEW CONDUCTORS FOR ALL INTERIOR HVAC BEING REPLACED OR PROVIDED AS NEW. INSTALL NEW FUSES IN EXISTING DISCONNECT TO MATCH NAMEPLATE DATA OF NEW UNIT. PROVIDE NEW I.D. TAG AT DISCONNECT PER DETAIL THIS SHEET.
 - REPLACEMENT MECHANICAL UNITS SHALL BE RE-CONNECTED TO THE EXISTING CIRCUITRY/DISCONNECT UNLESS OTHERWISE NOTED. PROVIDE ALL MISCELLANEOUS MATERIAL AS REQUIRED TO EXTEND EXISTING CIRCUITS TO NEW MECHANICAL UNIT CONNECTION POINTS. PROVIDE NEW FLEXIBLE CONNECTION WITH NEW CONDUCTORS FROM EXISTING DISCONNECT WHERE NOTED AS EXISTING TO ALL REPLACEMENT MECHANICAL UNITS. PROVIDE NEW FUSES IN EXISTING DISCONNECTS TO MATCH NAMEPLATE DATA OF NEW UNIT. PROVIDE NEW I.D. TAG AT DISCONNECT PER DETAIL THIS SHEET.
 - WHERE NEW MECHANICAL UNITS ARE SHOWN ON THE EXTERIOR OF BUILDING, PROVIDE NEW NEMA 3R RATED DISCONNECT WITH SEALTITE FLEXIBLE CONNECTION/ CONDUCTORS AS SHOWN. FUSE DISCONNECT TO MATCH NAMEPLATE DATA. SEE APPLICABLE DETAILS PER THIS SHEET FOR CONNECTION TO GROUND MOUNTED UNITS. PROVIDE NEW I.D. TAG PER DETAIL THIS SHEET.
 - ALL CONDUIT ROUTED FROM DISCONNECT TO NEW EXTERIOR MECHANICAL UNITS SHALL BE ROUTED UNDERGROUND. TURN UP ADJACENT TO UNIT AND MAKE TRANSITION TO SEALTITE FLEX TO SERVE UNIT. EXTERIOR SURFACE MOUNTED CONDUIT SHALL BE GALVANIZED RIGID STEEL. SEE APPLICABLE DETAIL PER THIS SHEET.
 - COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH DIVISION 25 PRIOR TO ROUGH IN. ADJUST LOCATION OF DISCONNECTING MEANS AND BRANCH CIRCUITRY AS REQUIRED.

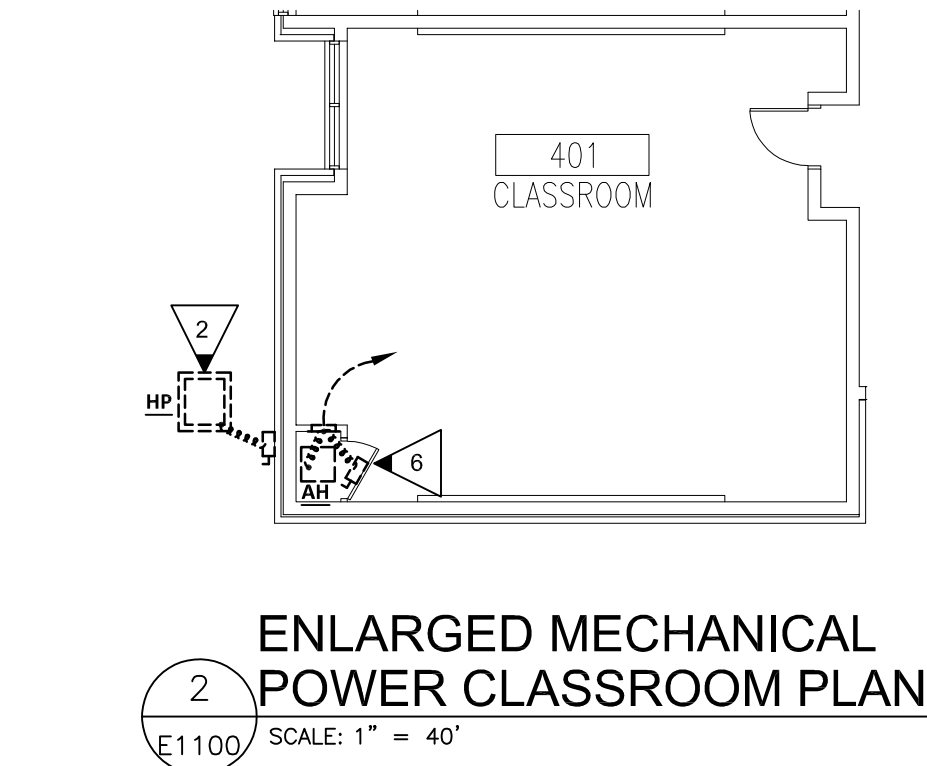


1. ALL NOTES PER SHEET E1000 APPLY.
2. FIELD VERIFY EXACT LOCATION OF ALL EXISTING HVAC UNITS. FIELD LOCATIONS SHALL GOVERN THE EXISTING LOCATIONS UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF ALL EXISTING HVAC UNITS AS SHOWN ON THIS DRAWING. THIS IS DRAWING IS INTENDED TO PROVIDE A SCOPE OF THE DEMOLITION WORK REQUIRED.
4. EXISTING INTERIOR HVAC UNITS SHALL BE RECONNECTED TO THE EXISTING CIRCUITRY/DISCONNECT. EXTEND CIRCUITS AS REQUIRED. PROVIDE NEW FLEXIBLE CONNECTION WITH NEW CONDUCTORS FOR ALL EXISTING HVAC BEING REPLACED. INSTALL NEW FUSES IN EXISTING DISCONNECT TO MATCH NAMEPLATE DATA.
5. ALL EXTERIOR DISCONNECTS SHOWN AS NEW SHALL BE RATED NEMA 3R. PROVIDE SEALTITE FLEXIBLE CONNECTION WITH CONDUCTORS AS SHOWN. FUSE DISCONNECT TO MATCH NAMEPLATE DATA. SEE DETAILS ON SHEET E1.0 FOR CONNECTION.
6. REFER TO CONNECTION SCHEDULES PER THIS SHEET FOR CIRCUIT DESIGNATIONS. WIRE AND CONDUIT SIZE, DISCONNECT MEANS, AND OTHER ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT.
7. COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH MECHANICAL DRAWINGS.
8. SEE DETAIL SHEETS FOR APPLICABLE HVAC ROUGH-IN DETAILS.
9. RISE UP CONCEALED INSIDE ROOF CURB FOR ALL ROOF TOP UNITS.
10. ALL EXTERIOR DISCONNECTS SHALL BE RATED NEMA 3R RATED.
11. ALL EXISTING HVAC UNITS AND DISCONNECTS SHOWN ARE APPROXIMATE LOCATIONS. EXISTING CONDITIONS SHALL GOVERN LOCATIONS.
12. EXISTING HVAC UNITS SCHEDULED FROM DEMOLITION SHALL BE DISCONNECTED FROM EXISTING CIRCUIT. REMOVE EXISTING CONDUIT AND CONDUCTORS FROM UNIT TO PANEL IN THEIR ENTIRETY. EXISTING BREAKERS ARE TO REMAIN AND BE LABELED AS "SPARE" UNLESS OTHERWISE NOTED FOR REUSE OR REPLACEMENT. PROVIDE BLANK PLATES AT ALL EXISTING JUNCTION BOXES.
13. HOMERUN CIRCUITS ARE SHOWN AS NOTED IN CONNECTION SCHEDULES. PROVIDE ALL BRANCH CIRCUITS, CONDUITS AND CONDUCTORS AS NECESSARY TO CONNECT ALL EQUIPMENT SHOWN ON THE CIRCUIT.

KEYED NOTES:

1. SEE DETAIL 2/E1100 PER THIS SHEET FOR TYPICAL CLASSROOM HVAC UNIT DEMOLITION. REFERENCE UNIT PRICE NO. 1 PER SPECIFICATION SECTION 012200 AND PRICE ACCORDINGLY.
2. DISCONNECT EXISTING EXTERIOR UNIT. REMOVE EXISTING DISCONNECT, FLEXIBLE CONNECTION AND CONDUCTORS TO UNIT IN THEIR ENTIRETY. EXISTING HOMERUN TO REMAIN AS IS AND BE UTILIZED FOR NEW UNIT CONNECTION UNLESS OTHERWISE NOTED.
3. DISCONNECT EXISTING INTERIOR UNIT. REMOVE EXISTING FLEXIBLE CONNECTION AND CONDUCTORS TO UNIT IN THEIR ENTIRETY. EXISTING CIRCUITRY TO REMAIN AND DISCONNECT TO REMAIN AS IS AND BE UTILIZED FOR NEW UNIT CONNECTION UNLESS OTHERWISE NOTED.
4. DISCONNECT EXISTING EXHAUST FAN. REMOVE EXISTING FLEXIBLE CONNECTION AND CONDUCTORS TO UNIT IN THEIR ENTIRETY. EXISTING CIRCUITRY TO REMAIN AND BE REUSED FOR NEW UNIT CONNECTION UNLESS OTHERWISE NOTED.
5. DISCONNECT EXISTING INTERIOR UNIT. REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE TO UNIT IN ITS ENTIRETY FROM UNIT TO PANEL. LABEL BREAKER IN EXISTING PANEL AS "SPARE" UNLESS OTHERWISE NOTED FOR REPLACEMENT IN CONNECTION SCHEDULE PER SHEET E2100.
6. DISCONNECT EXISTING INTERIOR CLASSROOM UNIT. REMOVE EXISTING DISCONNECT, FLEXIBLE CONNECTIONS AND CONDUCTORS TO UNIT IN THEIR ENTIRETY. EXISTING HOMERUN TO REMAIN AS IS AND BE UTILIZED FOR NEW UNIT CONNECTION UNLESS OTHERWISE NOTED. (TYPICAL FOR ALL CLASSROOMS UNLESS OTHERWISE NOTED).
7. REMOVE EXISTING DUCT DETECTORS AND ASSOCIATED CONTROL MODULES CURRENTLY SERVING EXHAUST FANS IN THEIR ENTIRETY FROM DEVICES TO NEAREST FIRE ALARM JUNCTION BOX. PROVIDE PROGRAMMING AS REQUIRED TO REMOVE DEVICES FROM THE FIRE ALARM SYSTEM.

1 OVERALL MECHANICAL POWER DEMOLITION PLAN
E1100 SCALE: 1" = 20'-0"

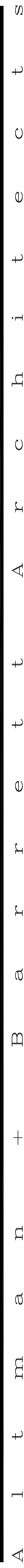


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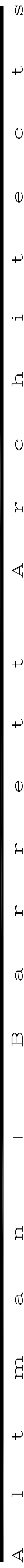
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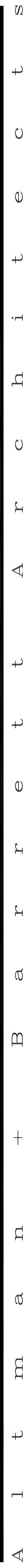
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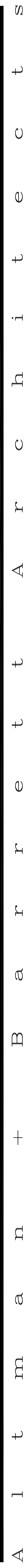
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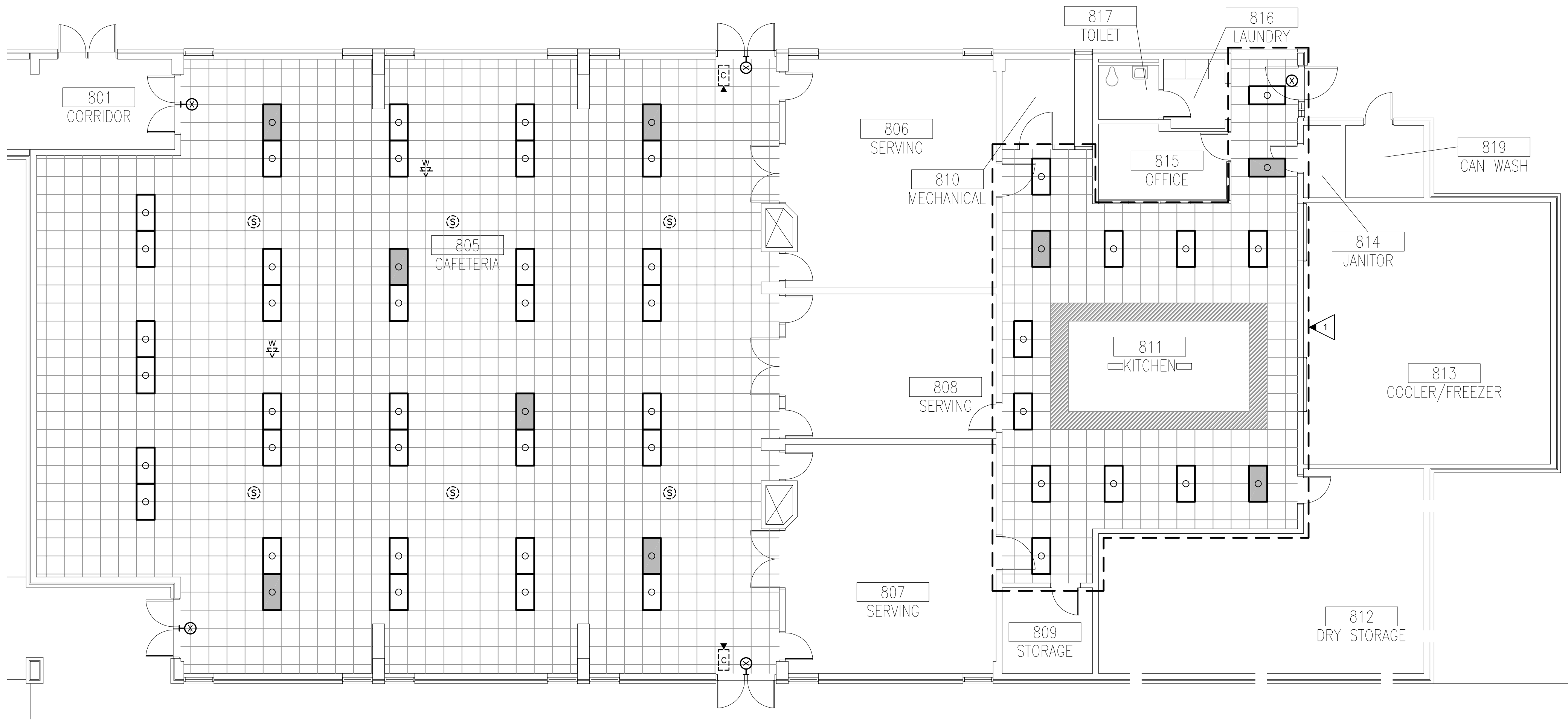


E2100
FACILITY NO: 637-0190

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AND SHALL NOT BE REPRODUCED OR USED WITHOUT
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PROJECT NO: 20013



1 LIGHTING PLAN
E3100 SCALE: 1/8" = 1'-0"

SYSTEM NOTES:

1. CAFETERIA SOUND SYSTEM, CCTV CAMERAS, INTERCOM, WAPS, ETC. (CEILING MOUNTED DEVICES) ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION WALK THRU WITH THE OWNER/ARCHITECT PRIOR TO BEGINNING WORK TO EXAMINE THE EXISTING SYSTEMS. A LETTER SHALL BE SUBMITTED TO THE OWNER/ARCHITECT FOR RECORDS OF THE STATUS OF EACH DEVICE PRIOR TO ANY WORK. ANY DAMAGE TO EXISTING EQUIPMENT OR SYSTEM CABLEING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RETURNED TO PROPER WORKING ORDER AS APPROVED BY THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
2. AT COMPLETION OF THE PROJECT, THE CONTRACTOR WILL BE REQUIRED TO TEST AND CERTIFY THAT ALL DEVICES ARE BACK TO PROPER WORKING ORDER AS WITNESSED BY OWNER/ARCHITECT.
3. ALL CEILING MOUNTED DEVICES CAFETERIA SOUND SYSTEM, CCTV CAMERAS, INTERCOM, AND WAPS SHOWN OR NOT SHALL BE REMOVED, STORED AND RE-INSTALLED IN NEW CEILING GRID/CEILING TILES.
4. EXISTING WAP $\frac{W}{\Delta}$.

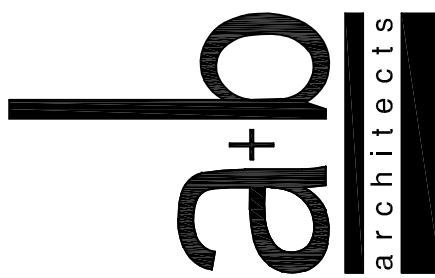
GENERAL NOTES:

1. THIS DO NOT SCALE DRAWINGS TO LOCATE FIXTURES.
2. THIS DRAWING IS INTENDED TO PROVIDE A ONE FOR ONE LIGHTING REPLACEMENT SCOPE OF THE DEMOLITION AND NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL EXISTING LIGHT FIXTURES AS SHOWN PER THIS SHEET. THE EXACT QUANTITIES OF FIXTURES MAY VARY. PROVIDE NEW FLEXIBLE CONDUIT "WHIPS" (SEE SPECIFICATIONS FOR REQUIREMENTS) FROM EXISTING JUNCTION BOX TO NEW FIXTURE. ALL NEW FIXTURES SHALL BE RECONNECTED TO THE EXISTING CIRCUITRY UNLESS OTHERWISE NOTED. PROVIDE ALL MATERIAL AND LABOR TO EXTEND EXISTING CIRCUITRY AS REQUIRED. FIELD VERIFY EXACT LOCATION OF ALL EXISTING FIXTURES. FIELD LOCATIONS SHALL GOVERN AND FIXTURES SHALL BE RELOCATED TO EXISTING LOCATIONS UNLESS NOTED OTHERWISE.
3. ALL EXISTING FIXTURE HOUSINGS, LAMPS AND BALLAST SHALL BE PROPERLY DISPOSED OF FOLLOWING FEDERAL AND STATE OF GEORGIA EPA GUIDE LINES. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO THE OWNER THAT ALL LAMPS AND BALLAST HAVE BEEN PROPERLY DISPOSED. DISPOSING OF SUCH IN LOCAL LANDFILL WILL NOT MEET COMPLIANCE. CONTRACTOR SHALL INCLUDE SUCH COST IN THEIR BID PRICE.
4. ALL FIXTURES ARE TYPE "A" UNLESS OTHERWISE NOTED.
5. EXISTING SWITCHES ARE NOT SHOWN. EXISTING SWITCHES AND SWITCHING SCHEME(S) ARE TO REMAIN AS IS.
6. ALL EXISTING EXIT SIGNS AS SHOWN PER THIS SHEET SHALL BE REPLACED.

KEYED NOTES:

- REMOVE THIRTY TWO (32) EXISTING 1"x4" SURFACE MOUNTED FIXTURES IN THIS AREA. PROPERLY DISPOSE OF FIXTURES PER GENERAL NOTES OF THIS SHEET. PROVIDE NEW FIXTURES IN NEW CEILING AS SHOWN. UTILIZE EXISTING CIRCUITRY AND SWITCHING SCHEME. PROVIDE NEW FIXTURE WHIPS PER GENERAL NOTES OF THIS SHEET.

Altman + Barrett

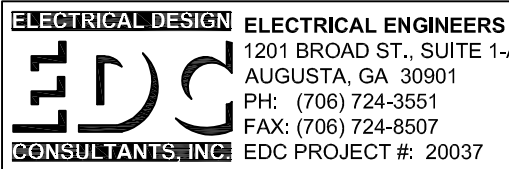


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DATE: JANUARY 16, 2021	DRAWN: JH/PH	CHECKED: MAP III	REVISIONS: 1	www.altmanbarrettarchitects.com
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HVAC Replacement for
Cook Primary School
1531 Patterson St. Adel, GA 31620
Cook County School System

E3100
FACILITY NO: 637-0196



PROJECT NO: 20013