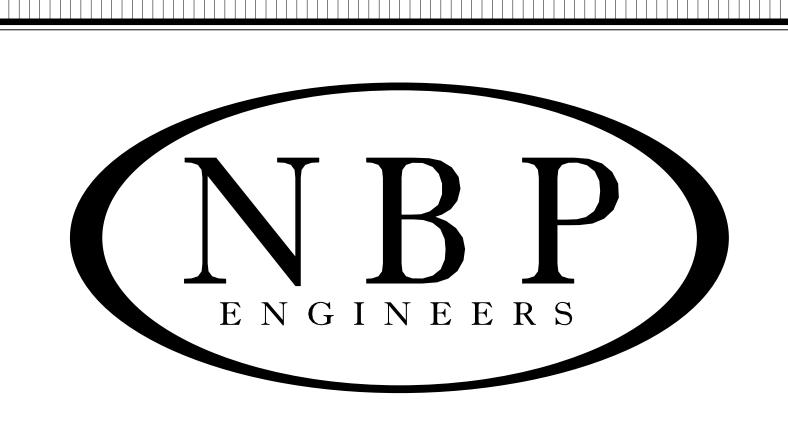
NBP Project No.: 23031

Perry Worrall Community Center

Packaged AC Replacement

City of Perry – Perry, Georgia



NBP ENGINEERS, INC.

316 CORPORATE PARKWAY MACON, GEORGIA www.nbpengineers.com 478-745-1691

PROJECT CONSULTANTS

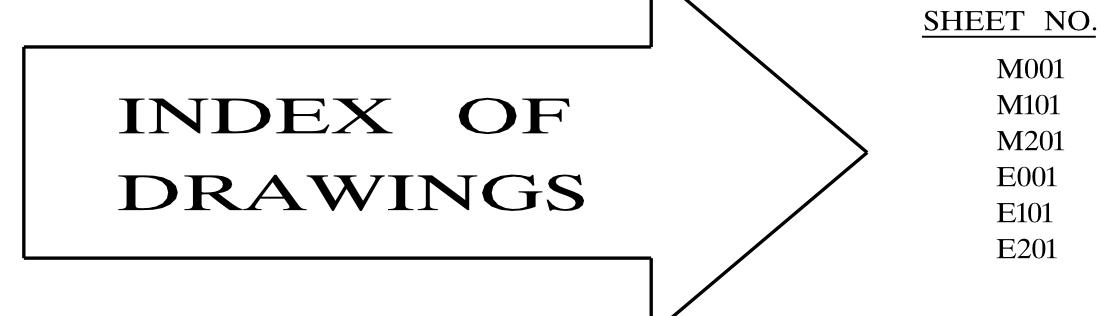
M001

M201

E001

E101

E201



<u> </u>
ABBREVIATIONS, LEGENDS, SCHEDULES, & DETAILS - HVAC
LARGE SCALE - PARTIAL FLOOR PLAN - DEMOLITION - HVAC
LARGE SCALE – PARTIAL FLOOR PLAN – NEW WORK – HVAC
LEGEND & SCHEDULES – ELECTRICAL

PARTIAL FLOOR PLAN - DEMOLITION - ELECTRICAL PARTIAL FLOOR PLAN - NEW WORK - ELECTRICAL

ABBREVIATIONS

F&BP

FACE & BYPASS

) 					
А	COMPRESSED AIR	FC	FAN COIL UNIT	NI C	NOT IN CONTRACT
AAV	AUTOMATIC AIR VENT	FD	FLOOR DRAIN	NO	NORMALLY OPEN
AD	AREA DRAIN/ACCESS DOOR	FF	FOULING FACTOR	NTS	NOT TO SCALE
AE	ADJUSTABLE AIR EXTRACTOR	FF-	FLY FAN	02	OXYGEN
¬∟ 4F		FF		02 0A	
	AIR FOIL		FINISHED FLOOR		OUTSIDE AIR
-AFF	ABOVE FINISHED FLOOR	FF		OAD	OUTSIDE AIR DAMPER
4 V	ACID VENT	FFM	FIRE FLOW METER	OAL	OUTSIDE AIR LOUVER
AVD	AUTOMATIC VOLUME DAMPER	FLEX	FLEXIBLE	ODT	OUTDOOR TEMPERATURE
AW	ACID WASTE	FM	FIRE MAIN	PC	PUMP CONDENSATE
- AC	ABOVE CEILING	FMS	FLOW METER STATION	PD	PRESSURE DROP
7Н-	AIR HANDLING UNIT	FOF	FUEL OIL FLOW	PRV	PRESSURE REDUCING VALVE
BBD	BOILER BLOW DOWN	FOR	FUEL OIL RETURN	PWF	PROPELLER WALL FAN
3E	BOTTOM ELEVATION	FOV	FUEL OIL VENT	R	REFRI GERANT
30L	BOTTOM OF LINE (UNINSULATED)	FOP	FUEL OIL PUMP	RA	RETURN AIR
30D	BOTTOM OF DUCT	FP	FIRE PUMP	RAD	RETURN AIR DAMPER
3P-	BOOSTER PUMP	FP-	FAN POWERED	RAO	RETURN AIR OPENING
3PD	BYPASS DAMPER	FPM	FEET PER MINUTE	RAS	RELIEF AIR SUPPLY
BTUH			FEET PER SECOND	RP	RECIRCULATING PUMP
	BRITISH THERMAL UNIT PER HOUR				
-BF 	BELOW FLOOR	FRT	FLOW RATE TRANSMITTER	RHG	REFRIGERANT HOT GAS
3FP	BACK FLOW PREVENTOR	FSD	FIRE/SMOKE DAMPER	RL	REFRIGERANT LIQUID
2	CONDUI T	FT	FEET	RS	REFRIGERANT SUCTION
CC	COOLING COIL	G	LOW PRESSURE GAS	RD	ROOF DRAIN
CHR	CHILLED WATER RETURN	GA	GAUGE	RV	RELIEF VALVE
CHS	CHILLED WATER SUPPLY	GPM	GALLONS PER MINUTE	SR	SHORT RADIUS
CR	CONDENSER WATER RETURN	GT	GREASE TRAP	SAN	SANITARY SEWER
CS	CONDENSER WATER SUPPLY	GTH	GRAND TOTAL HEAT	SC	SILL COCK
CW	DOMESTIC COLD WATER	Н	HEI GHT	SCD	SMOKE DAMPER
CAB	CABINET FAN	HC	HEATING COIL	SCIM	STANDARD CUBIC INCHES
CF	CENTRIFICAL FAN	НВ	HOSE BIBB	50111	PER MINUTE
				C.D.	
CFM	CUBIC FEET PER MINUTE	HBT	HORIZONTAL BLOW THROUGH		
CFP	CHEMICAL FEED PUMP	HD	HUB DRAIN	SD	SMOKE DETECTOR
CFT	CHEMICAL FEED TANK	HDT	HORIZONTAL DRAW THROUGH	SDO	STORM DRAIN OVERFLOW
CH	CABINET HEATER	HP	HORSEPOWER/HIGH PRESSURE	SF	SQUARE FEET
CHR	CHILLER	HPA	HIGH PRESSURE AIR	SG	SPECIALTY GAS
CL	CENTER LINE	HPG	HIGH PRESSURE GAS	SHC	SENSIBLE HEAT CAPACITY
CO	CLEANOUT	HPS	HIGH PRESSURE STEAM	SP	SPRINKLER PIPE
CP	CHILLER PUMP	HPWS	HEAT PUMP WATER SUPPLY	SP	STAND PIPE
CPHB	CHROME PLATED HOSE BIBB	HPWR	HEAT PUMP WATER RETURN	SP	SUMP PUMP
СТ	COOLING TOWER	HSC	HORIZONTAL SPLIT CASE	SP	STATIC PRESSURE
CU	COPPER	HWG	HOT WATER GENERATOR		STATIC PRESSURE SENSOR
CV-	CONVECTOR	HWR	HEATING WATER RETURN		SATURATED SUCTION
				JJ 1	
CV	VALVE COEFFICIENT	HWS	HEATING WATER SUPPLY	6 - :	TEMPERATURE
)	DRAIN	ILC	IN-LINE CENTRIFICAL		STATION
DDC	DIRECT DIGITAL CONTROL	ΙT	INTERVAL TIMER	STR	STRAINER
DHW	DOMESTIC HOT WATER	ΙN	INCHES	T	TEMPERED WATER
)HR	DOMESTIC HOT WATER	INV	INVERT	TR	
71 II V		JB		TB	
3 N I	RECIRCULATING		JUNCTION BOX		THRUST BLOCK
)N	DOWN	L	LENGTH	TE	TOP ELEVATION
)P	DIFFERENTIAL PRESSURE	LR	LONG RADIUS		(UNI NSULATED)
)PT	DIFFERENTIAL PRESSURE	LAT	LEAVING AIR TEMPERATURE	TP	CONDENSER WATER
	TRANSMI TTER	LCP	LOCAL CONTROL PANEL		(TOWER) PUMP
DS	DOWN SPOUT	LDB	LEAVING DRY BULB	TOS	TOP OF STRUCTURE
			LI QUI D NI TROGEN		
DSO	DOWN SPOUT OVER FLOW	LN		UC	UNDERCUT (DOOR - 3/4")
)X	DI RECT EXCHANGE	LWB	LEAVING WET BULB	UG	UNDERGROUND
ΞΑ	EXHAUST AIR	LWT	LEAVING WATER TEMPERATURE	V	VENT
EAD	EXHAUST AIR DAMPER	LPS	LOW PRESSURE STEAM	V -	VALVE
EAL	EXHAUST AIR LOUVER	MA	MI XED AIR	VAC	VACUUM PIPING
EAT	ENTERING AIR TEMPERATURE	MAV	MANUAL AIR VENT	VAV	VARIABLE AIR VOLUME
ECH	ELECTRIC CABINET HEATER	MVD	MANUAL VOLUME DAMPER	VB	VACUUM BREAKER
EDB	ENTERING DRY BULB	MAX	MAXI MUM	VDT	VERTICAL DRAW THROUGH
EWB	ENTERING WET BULB	MBH	ONE THOUSAND BTUH PER HOUR	VFD	VARIABLE FREQUENCY DRIV
ESP	END SUCTION PUMP	MCC	MOTOR CONTROL CENTER	VT	VERTICAL TURBINE
ESP	EXTERNAL STATIC PRESSURE	MI N	MI NI MUM	v TR	VENT THROUGH ROOF
ELL 	ELBOW	MH	MAN HOLE	W	WIDTH
ΞT	EXPANSION TANK	MP	SUMP (MUD) PUMP	W	WASTE
EQT	EQUIPMENT TRAP SET	MPS	MEDIUM PRESSURE STEAM	WB	WET BULB
EUH	ELECTRIC UNIT HEATER	MPR	MEDIUM PRESSURE RETURN	WG	WATER GAUGE
EWT	ENTERING WATER TEMPERATURE	MTS	MEDIUM TEMPERATURE SUPPLY	WH	WATER HEATER
ΞX	EXPANSION TANK LINE	MTR	MEDIUM TEMPERATURE RETURN	WL	WATER LINE
ΞXΤ	EXTERNAL	MUA	MAKE-UP AIR	WM	WATER METER
FOB	FLAT ON BOTTOM	MUW	MAKE-UP WATER	* [DEGREES CENTIGRADE
FOT	FLAT ON TOP	MZ	MULTI ZONE	* F	DEGREES FAHRENHEIT
F&BP	FACE & BYPASS	NC	NORMALLY CLOSED		

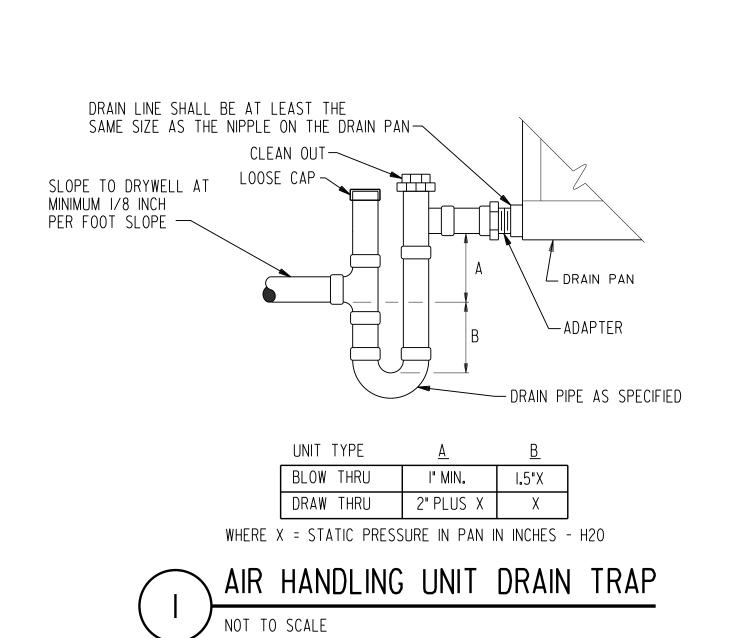
NORMALLY CLOSED

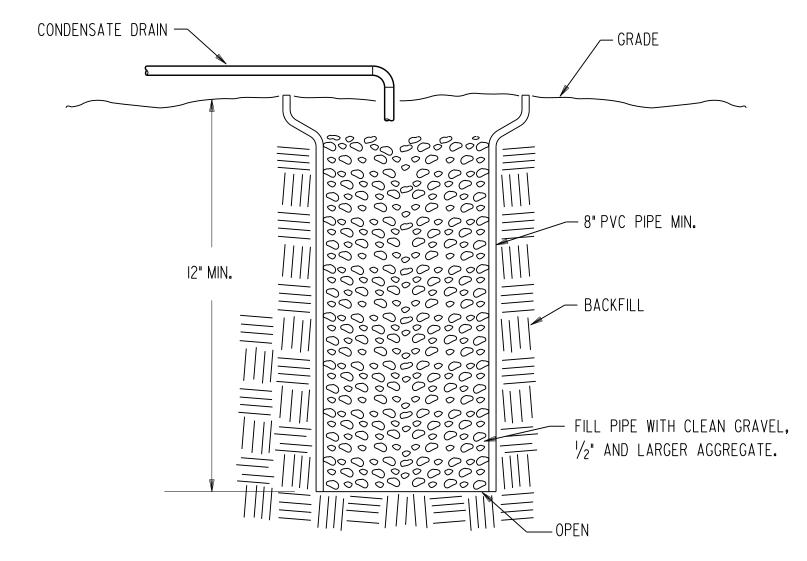
SI	NGLE LINE DUCT LEGEND
,	DUCT (SUPPLY, RETURN & EXHAUST)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DUCT WITH DUCT LINER
\boxtimes ——	SUPPLY DUCT UP
5	SUPPLY DUCT DOWN
<u> </u>	RETURN OR EXHAUST DUCT UP
<u> </u>	RETURN OR EXHAUST DUCT DOWN
R R R M S	DUCT RISE
S III DN	DUCT DOWN
5 3	VOLUME DAMPER (MANUAL UNLESS INDICATED A.V.D.)
	TRANSITION
P OR ∫ OR ∫	DUCT TAKE-OFF (SEE SPEC. PERTAINING TO DEFLECTROLS)
, , , , , , , , , , , , , , , , , , , 	TRANSITION (FLAT ON TOP)
FOB	TRANSITION (FLAT ON BOTTOM)
T OR B	TRANSITION (TOP OR BOTTOM ONLY)
OR COR	SUPPLY CEILING DIFFUSER
I	RETURN OR EXHAUST CEILING GRILLE
- I	SIDEWALL SUPPLY
	SIDEWALL RETURN
	FLEXIBLE CONNECTION (DUCT)
+ RAS	RELIEF AIR SUPPLY TO TOILET
J. 12/10 SPLIT	DUCT SPLIT WITH SPLITTER DAMPER
\	FLEX.DUCT WITH SCREW ON COLLAR, TAKE-OFF
	SQUARE ELBOW WITH TURNING VANES
	RADIUS ELBOW (SEE SPECS. PERTAINING TO TURNING VANES)
AVD	AUTOMATIC VOLUME DAMPER
SCD#	SMOKE CONTROL DAMPER
FD/SCD the second secon	COMBINATION FIRE/SMOKE CONTROL DAMPER
FD p	FIRE DAMPER
	FIRE DAMPER (FD)

	HVAC	LEGEND	
xxØ OR xx/xx⊖	ROUND OR FLAT OVAL DUCT	xxØK OR xx/xx⊖K	DOUBLE WALL INSULATED ROUND OR FLAT OVAL DUCT (K.
	DUCT/PLENUM w/LINER	 	FLEX. DUCT CONN.
	DAMPER - BLADE VIEW	7 3 4	DAMPER - END VIEW
	FIRE DAMPER		ELBOW WITHOUT TURNING VANES
	ELBOW WITH TURNING VANES		DUCT SPLIT
	ADJUSTABLE AIR EXTRACTOR		INSULATED FLEX. DUCT
))))))	INSULATED FLEX. DUCT		DOOR GRILLE
24/12	DUCT SIZE FIRST DIMENSION IS SIDE SHOWN	#	C.F.M.
T	THERMOSTAT	I/M-4	REFERS TO DETAIL OR PLAN ON SHEET M-I.
TG	THERMOSTAT w/GROUND		GATE VALVE THREADED & FLANGED
/ I.T.	INTERVAL TIMER	—ф—ıфі—	BUTTERFLY VALVE THREADED & FLANGED
	BALANCE VALVE THREADED & FLANGED		2-WAY MOTORIZED VALVI
	GLOBE VALVE THREADED & FLANGED	4	RELIEF VALVE
	CHECK VALVE THREADED & FLANGED		CONTROL VALVE PLAN VIEW
	3-WAY MIXING VALVE	————	FLANGED UNION
	SOLENOID VALVE		BRANCH OUT BOTTOM
——>> -	GATE VALVE WITH 3/4" HOSE END		TEE OUT BOTTOM
—— ——	UNION		ELBOW DOWN
<u> </u>	BRANCH OUT TOP		THERMOMETER
O	TEE OUT TOP		ECCENTRIC REDUCER
	ELBOW UP		PIPE SLEEVE
_	GAUGE TAPPING		MANUAL AIR VENT
<u> </u>	GAUGE WITH TAPPING	 II	BLIND FLANGE
	CONCENTRIC REDUCER		PIPE SOCKET WELL
X	PIPE ANCHOR	\boxtimes	COMBINATION STARTER
	PIPE CAP	— 	PIPE TEST PLUG
O AAV	AUTOMATIC AIR VENT		ANNULAR ELEMENT FLOW STATIC
7	STRAINER	—— CHS ——	CHILLED WATER FLOW
	FLEX. PIPE CONN.	—— CHR ——	CHILLED WATER RETURN
————	BACKFLOW PREVENTER	••	HOT WATER DOMESTIC
— <u>\</u>	FLOW INDICATOR BALANCER	— cs —	CONDENSER WATER FLO
— HWS —	HEATING WATER FLOW	— CR —	CONDENSER WATER RETU
<u> — нwr —</u>	HEATING WATER RETURN	\boxtimes	STARTER
•	COLD WATER DOMESTIC	SPS	STATIC PRESSURE SENSO
— G ——	NATURAL GAS	SD ()	SMOKE DETECTOR
— D ——	DRAIN	—	POINT OF CONNECTION

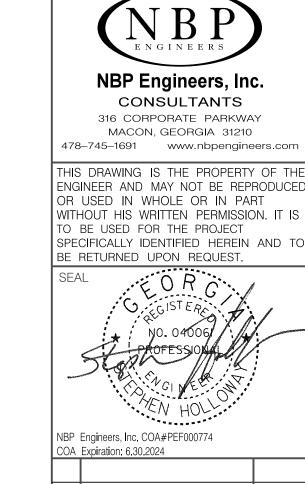
	DESIGN CONDITIO	NS
	SUMMER	WINTER
OUTSIDE	93°F DB / 76°F WB	15°F DB
INSIDE	75°F DB / 55% RH	72°F DB

SYMBOL	TOTAL CFM				COOLING COIL			GAS HEATING COIL E		ELECTRICAL	LAYOUT BASIS			
		MIN. OA	EXT.S.P.	MOTOR	MIN. SENSIBLE MBH	MIN. TOTAL MBH	ENTERING AIR	LEAVING AIR	MBH ME	MAX.	MCA/MOP	MANUFACTURER	APPROX. WEIGHT LBS.	REMARKS
		CFM	IN H ₂ 0				DB/WB °F	DB/WB °F		MBH OUTPUT		CARRIER		
AHU-I	10,000	I , 500	0.75	7 . 5	218	293	80/67	59.8/57.8	400	324	151 / 175	48FCFN28A	2541	









No. REVISIONS/SUBMISSIONS

Project

ABBREVIATIONS, LEGENDS, SCHEDULES, & DETAILS - HVAC DESIGNED: WSH

DRAWN: LTF CHECKED: WSH DATE: 06.26.24 PROJECT NUMBER: 23031 SCALE:
AS SHOWN
FILE PATH:

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SHEET NUMBER: M001

<u>DGN_FILE</u> P:/2303I/2303ImI0I.dgn DATE PLOTTED 25-JUN-2024 NBP Engineers, Inc. CONSULTANTS 316 CORPORATE PARKWAY MACON, GEORGIA 31210 478–745–1691 www.nbpengineers.com THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND MAY NOT BE REPRODUCED OR USED IN WHOLE OR IN PART WITHOUT HIS WRITTEN PERMISSION. IT IS TO BE USED FOR THE PROJECT
SPECIFICALLY IDENTIFIED HEREIN AND TO
BE RETURNED UPON REQUEST. PANTRY KITCHEN MECHANICAL STOR. REMOVE EXISTING
SA & RA DUCTS— |------| F-----+----No. REVISIONS/SUBMISSIONS + EXISTING GAS PIPING AND VALVE ARE TO REMAIN. REMOVE EXISTING PACKAGED UNIT & ASSOCIATED DISCHARGE PLENM—— CLOSE VALVE AND REMOVE EXISTING GAS PIPING CONNECTION TO HVAC UNIT. REMOVE EXISTING THERMOSTAT — COMMUNITY ROOM FOYER SHEET TITLE:

LARGE SCALE PARTIAL
FLOOR PLAN DEMOLITION - HVAC LARGE SCALE - PARTIAL FLOOR PLAN - DEMOLITION - HVAC

SCALE: 4" = 1'-0"

The scale is a scale in the scale in DESIGNED: WSH DRAWN: CHECKED: WSH DATE:
06.26.24

PROJECT NUMBER:
23031

SCALE:
AS SHOWN

FILE PATH:
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SHEET NUMBER: AREA OF WORK— LINE LEGEND BUILDING EXISTING TO REMAIN DEMOLITION M101 KEY-PLAN NOT TO SCALE

<u>DGN_FILE</u> P:/2303I/2303Im20I.dgn DATE PLOTTED 25-JUN-2024 NBP Engineers, Inc. CONSULTANTS 316 CORPORATE PARKWAY MACON, GEORGIA 31210 NOTES: (THIS SHEET ONLY) 478-745-1691 www.nbpengineers.c THIS DRAWING IS THE PROPERTY OF TH (I) CONNECT NEW SA AND RA DUCTS TO EXISTING SA/RA AT EXTERIOR WALL. OR USED IN WHOLE OR IN PART WITHOUT HIS WRITTEN PERMISSION. IT I (2) PROVIDE NEW INSULATED METAL BLANK OFF AROUND DUCT AT WALL. TO BE USED FOR THE PROJECT
SPECIFICALLY IDENTIFIED HEREIN AND T
BE RETURNED UPON REQUEST. 3 DISCHARGE CONDENSATE INTO NEW DRY WELL. PANTRY 4) PROVIDE DISCHARGE PLENUM. 5 CONNECT NEW GAS PIPING AT VALVE. ROUTE GAS PIPING LINE SIZE TO NEW CONNECTION ON HVAC UNIT. SUPPORT PIPING AT 6'ON CENTER. KITCHEN MECHANICAL STOR. 120 _ROUTE THRU EXISTING OPENING T----+----No. REVISIONS/SUBMISSIONS 4 NEW AH-I NEW THERMOSTAT-COMMUNITY ROOM FOYER LARGE SCALE PARTIAL
FLOOR PLAN NEW WORK - HVAC DESIGNED: WSH LARGE SCALE - PARTIAL FLOOR PLAN - NEW WORK - HVAC
SCALE: 1" = 1'-0"

The scale is a scale in the scale in th DRAWN: CHECKED: WSH LINE LEGEND DATE: 06.26.24 PROJECT NUMBER: 23031 AREA OF WORK— POINT OF CONNECTION BUILDING SCALE:
AS SHOWN

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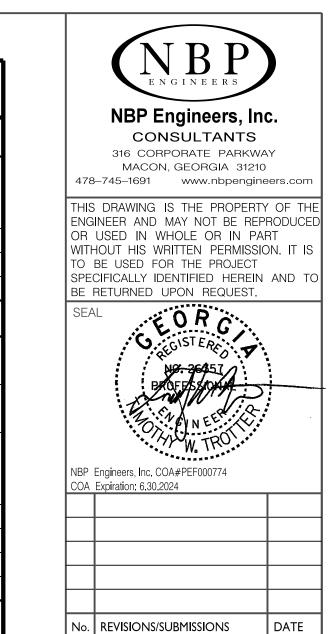
SHEET NUMBER: EXISTING TO REMAIN NEW WORK M201 KEY-PLAN NOT TO SCALE

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DATE PLOTTED

25-JUN-2024

ELECTRICAL LEGEND LIGHTING FIXTURES (SYMBOLS VARY BASED ON FIXTURES TYPE) LIFE SAFETY EGRESS FIXTURE LED ON "NORMAL" POWER CEILING MOUNTED FIXTURE EXIT LIGHT (ARROWS AS SHOWN) WALL MOUNTED FIXTURE EMERGENCY BATTERY PACK-WALL TRACK LIGHTS: QUANTITY OF HEADS AS SHOWN **EMERGENCY BATTERY PACK-CEILING** LIGHTING CONTROL CEILING MOUNTED ULTRASONIC OCCUPANCY SINGLE POLE SWITCH SENSOR AND RELAY THREE WAY SWITCH FOUR WAY SWITCH CEILING/WALL MOUNTED INFRARED OCCUPANCY $\bigcirc \neg /\bigcirc$ SENSOR AND RELAY DIMMER SWITCH CEILING MOUNTED COMBINATION INFRARED/ KEYED SWITCH WALL MOUNTED SWITCH ULTRASONIC OCCUPANCY SENSOR AND RELAY -INFRARED OCCUPANCY SENSOR VACANCY AUTO SHUT OFF LOW VOLTAGE OVERRIDE SWITCH SWITCHING PHOTOCELL (INTERIOR TYPE) F.C. NOTED DIMMING PHOTOCELL (INTERIOR TYPE) SINGLE ZONE LOW VOLTAGE SWITCH EXTERIOR TYPE PHOTO SWITCH TWO ZONE LOW VOLTAGE SWITCH FOUR ZONE LOW VOLTAGE SWITCH "P" INDICATES PILOT LIGHT RECEPTACLES DUPLEX RECEPTACLE - NORMAL ELECTRIC WATER COOLER RECEPTACLE(GFCI) WEATHER PROOF RECEPTACLE (GFCI) QUAD - NORMAL GFCI DUPLEX RECEPTACLE - NORMAL HORIZONTALLY MOUNTED DUPLEX RECEPTACLE GFCI QUAD - NORMAL SPECIAL - TYPE NOTED OR SHOWN FLOOR DUPLEX RECEPTACLE - NORMAL CEILING SPECIAL - TYPE NOTED OR SHOWN FLOOR QUAD - NORMAL WALL/CEILING RACEWAY CEILING DUPLEX RECEPTACLE - NORMAL CLOCK OUTLET DUPLEX RECEPTACLE WITH INTEGRAL USB ABOVE COUNTER DUPLEX RECEPTACLE (COORDINATE TV DUPLEX RECEPTACLE HEIGHT WITH ARCHITECT) DUPLEX RECEPTACLE MOUNTED IN RACEWAY DUPLEX RECEPTACLE - GENERATOR CIRCUIT, RED IN COLOR QUAD - GENERATOR CIRCUIT, RED IN COLOR DUPLEX RECEPTACLE - TAMPER PROOF CIRCUITS RACEWAY EXPOSED CONDUIT CONCEALED IN CEILING OR WALL FLEXIBLE RACEWAY **///** CONDUIT UP CONDUIT IN GROUND, SLAB, OR UNDER FLOOR CONDUIT DOWN HOMERUN - ONE ARROW PER CIRCUIT CONNECTION TO EQUIPMENT GENERAL EQUIPMENT SURGE SUPPRESSOR PANELBOARD-250 VAC OR LESS SURFACE MOUNTED □→/□/□ JUNCTION BOX - WALL/CEILING/FLOOR PANELBOARD-250 VAC OR LESS EXHAUST FAN COMBINATION STARTER AND DISCONNECT PANELBOARD-OVER 250 VAC SURFACE MOUNTED MANUAL STARTER AND MOTOR RATED SWITCH EMERGENCY PUSHBUTTON PANELBOARD-OVER 250 VAC RECESSED ENCLOSED CIRCUIT BREAKER ENCLOSED BREAKER-RECESSED IN WALL TRANSFORMER BACKBOARD CABLE TRAY -CT-DISCONNECT SWITCH: "F" IF FUSED FRAME AMPS/POLES/NEMA TYPE FUSE PER MANUFACTURERS RECOMMENDATIONS ##/##/# FIRE PROTECTION EQUIPMENT FACE | FIRE ALARM PANEL DUCT MOUNTED SMOKE DETECTOR FIRE ALARM ANNUNCIATOR MANUAL PULL STATION SMOKE DETECTOR: CEILING / WALL ☑d/☑d AUDIO/VISUAL ALARM: CEILING/WALL HEAT DETECTOR: CEILING / WALL ☐ VISUAL ALARM: CEILING/WALL WATER FLOW SWITCH WATER TAMPER SWITCH SPEAKER/VISUAL ALARM: CEILING/WALL DOOR HOLDER FIREMAN'S PHONE OUTLET SMOKE DETECTOR/SENSOR - BEAM TRANSMITTER SMOKE DETECTOR/SENSOR - BEAM RECEIVER COMMUNICATIONS M / MH MICROPHONE: FLOOR/WALL # VOICE OUTLET, QUANTITY OF JACKS AS NOTED DATA OUTLET, QUANTITY OF JACKS AS NOTED SPEAKER: CEILING/WALL COMBINATION VOICE/DATA OUTLET, QUANTITY OF FIBER OUTLET VOICE/DATA JACKS AS NOTED TELEVISION OUTLET FLOOR VOICE OUTLET, QUANTITY OF JACKS BOX, STUB-UP, AND MODULAR PLATE W/ BLANKS WALL MOUNTED VOLUME CONTROL FLOOR DATA OUTLET, QUANTITY OF JACKS INTERCOM CALL-IN STATION INTERCOM MASTER STATION FLOOR COMBINATION VOICE/DATA OUTLET, MASTER CLOCK QUANTITY OF JACKS AS NOTED J-HOOK R DATA OUTLET MOUNTED IN RACEWAY CABLE TRAY LIGHTNING PROTECTION AND GROUNDING GROUNDING CONDUCTOR-GROUNDING CONDUCTOR- UNDER CONCEALED IN ROOF OR WALLS SLAB OR BELOW GRADE GROUND ROD - C IF CHEMICAL GROUNDING CONDUCTOR- EXPOSED GROUND CONNECTION (SCHEMATIC) AIR TERMINAL **GROUNDING PLATE** SECURITY SECURITY CAMERA: CEILING/WALL MOUNTED CARD READER DOOR POSITION SENSOR ELECTRIC STRIKE



ty Cent

Worrall Community
Packaged AC Replacement

Perry Worral

SHEET TITLE:
LEGEND &
SCHEDULES ELECTRICAL

DESIGNED:
TWT

DRAWN:
LTF

CHECKED:
TWT

CHECKED:
TWT

DATE:
06.26.24

PROJECT NUMBER:
23031

SCALE:

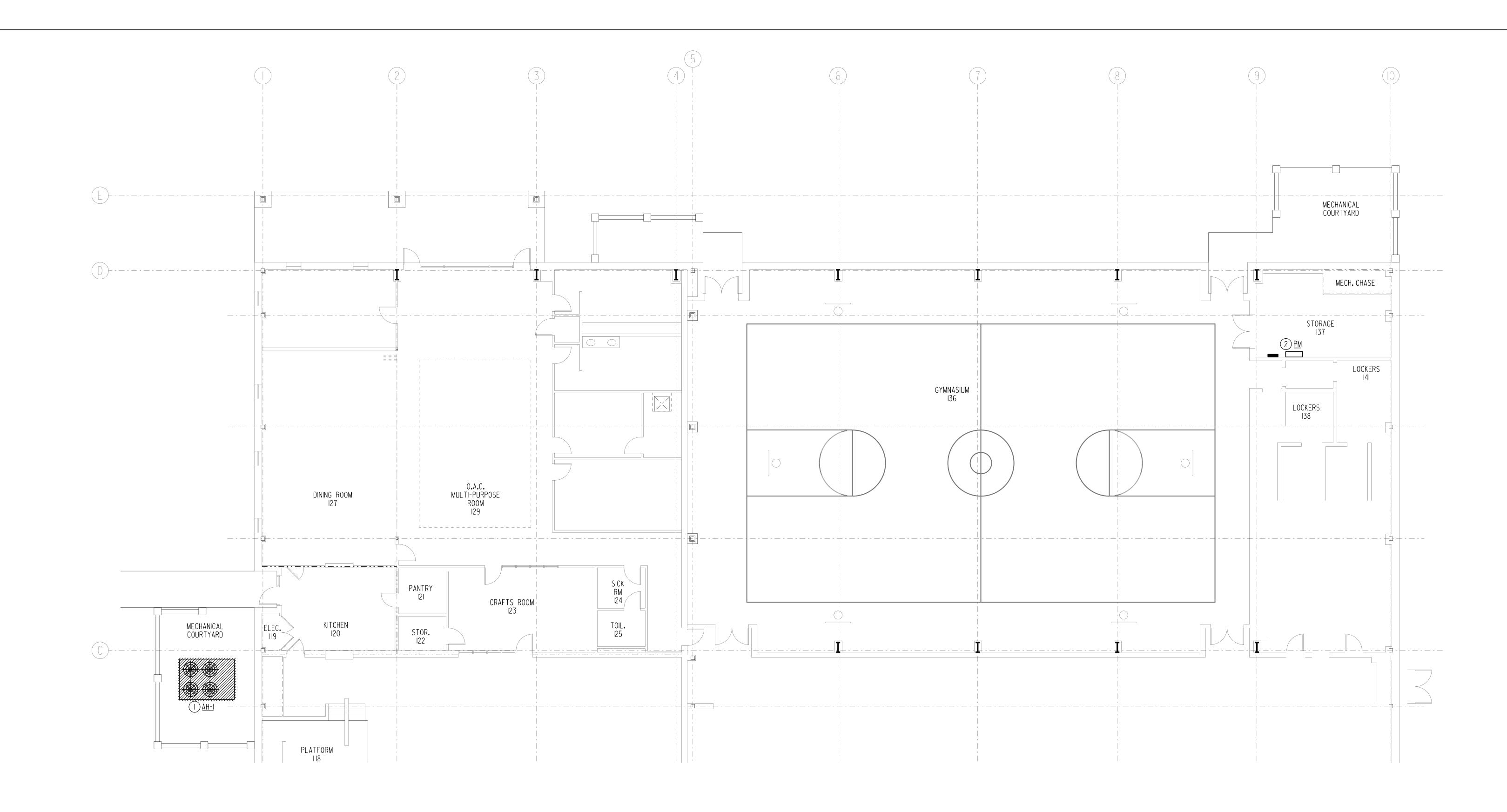
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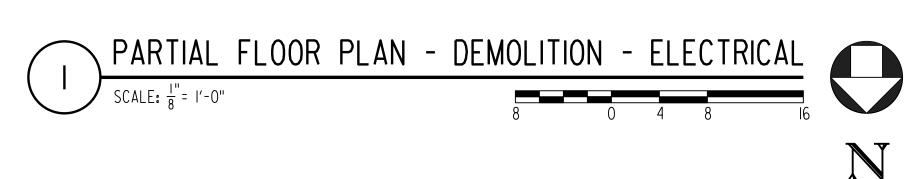
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FILE PATH:
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E001



25-JUN-2024





NOTES: (THIS SHEET ONLY)
REMOVE ALL EXISTING ELECTRICAL ASSOCIATED WITH AIR HANDLING UNIT BEING REPLACED. ACCESSIBLE. REMOVE ALL CONDUCTORS. THERE IS CONCERN THAT THE EXISTING UNDER SLAB

CONDUIT MAY NOT STILL BE VIABLE. SO NEW OVERHEAD CONDUIT WILL BE REQUIRED. 2 EXISTING GE SPECTRA SERIES 1000 AMP, 208 VOLT, 3 PHASE PANEL PM. REMOVE EXISTING 150A/3P CIRCUIT BREAKER SERVING AIR HANDLING UNIT BEING REMOVED.



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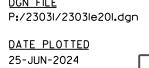
Project

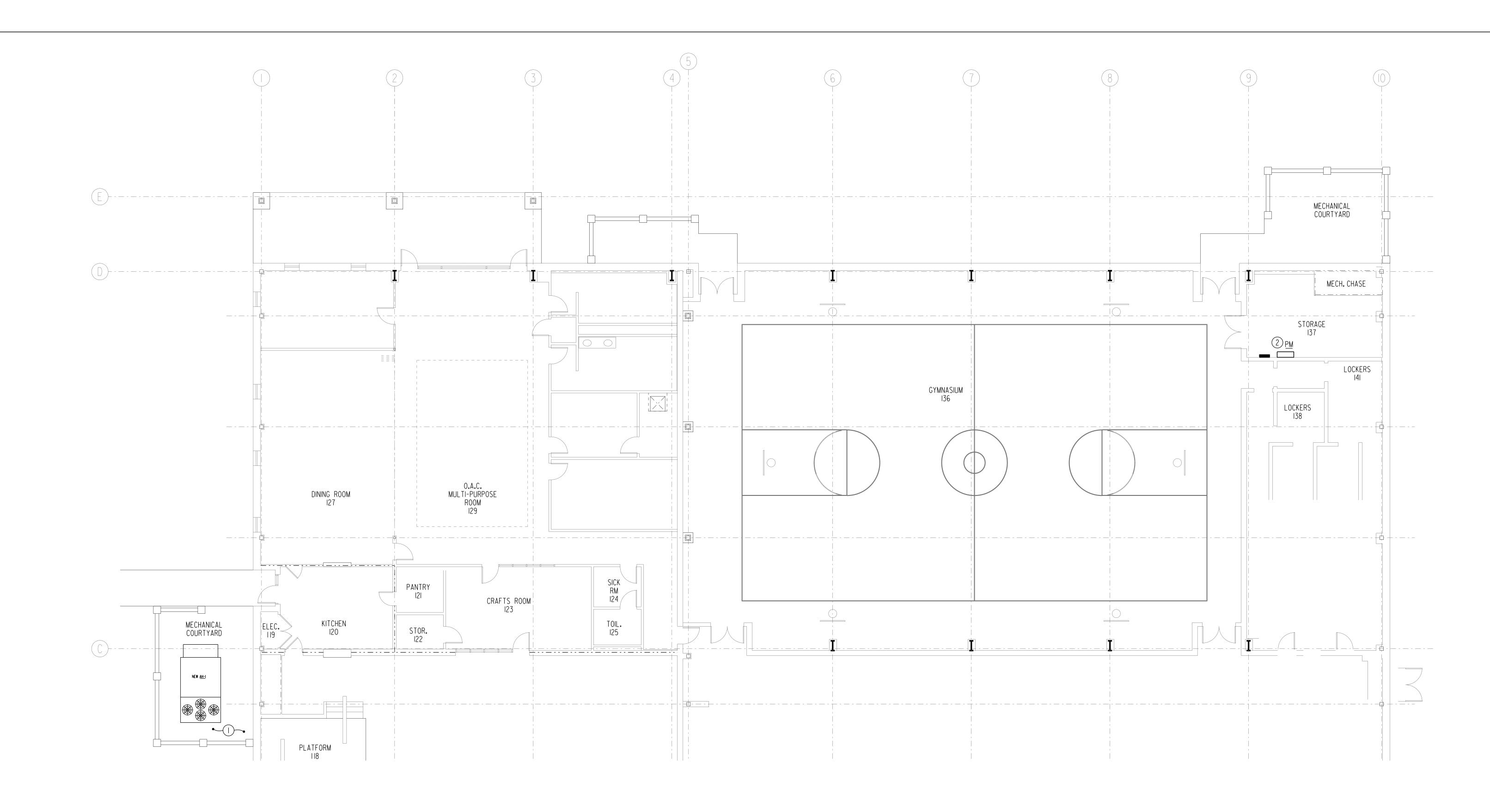
PARTIAL
FLOOR PLAN DEMOLITION ELECTRICAL

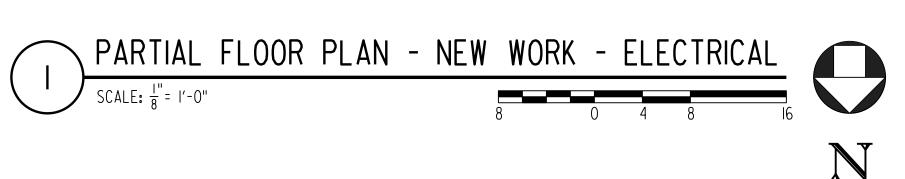
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DATE: 06.26.24 PROJECT NUMBER: 23031

SCALE: AS SHOWN FILE PATH:
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NOTES: (THIS SHEET ONLY)

- THE DISCONNECT THAT WAS REMOVED. PROVIDE NEW 4#3/0 AWG, I#4G COPPER CONDUCTORS IN NEW TWO INCH CONDUIT BACK TO EXISTING PANEL PM. ROUTE NEW CONDUITS UP THROUGH GYMNASIUM AT THE STRUCTURE. MAKE ALL FINAL CONNECTIONS TO THE NEW AIR HANDLING UNIT. ALL NEW CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. WHERE NOT CONCEALED PAINT CONDUIT TO MATCH SURROUNDING FINISHES.
- 2) PROVIDE NEW 175A/3P CIRCUIT BREAKER IN EXISTING 1000 AMP, 208 VOLT, 3 PHASE GE SPECTRA SERIES PANEL PM. NEW BREAKER SHALL MATCH EXISTING PANEL AIC RATING.



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No. REVISIONS/SUBMISSIONS

PARTIAL
FLOOR PLAN NEW WORK ELECTRICAL

DESIGNED: CHECKED:

06.26.24 PROJECT NUMBER: 23031 SCALE: AS SHOWN

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SHEET NUMBER: