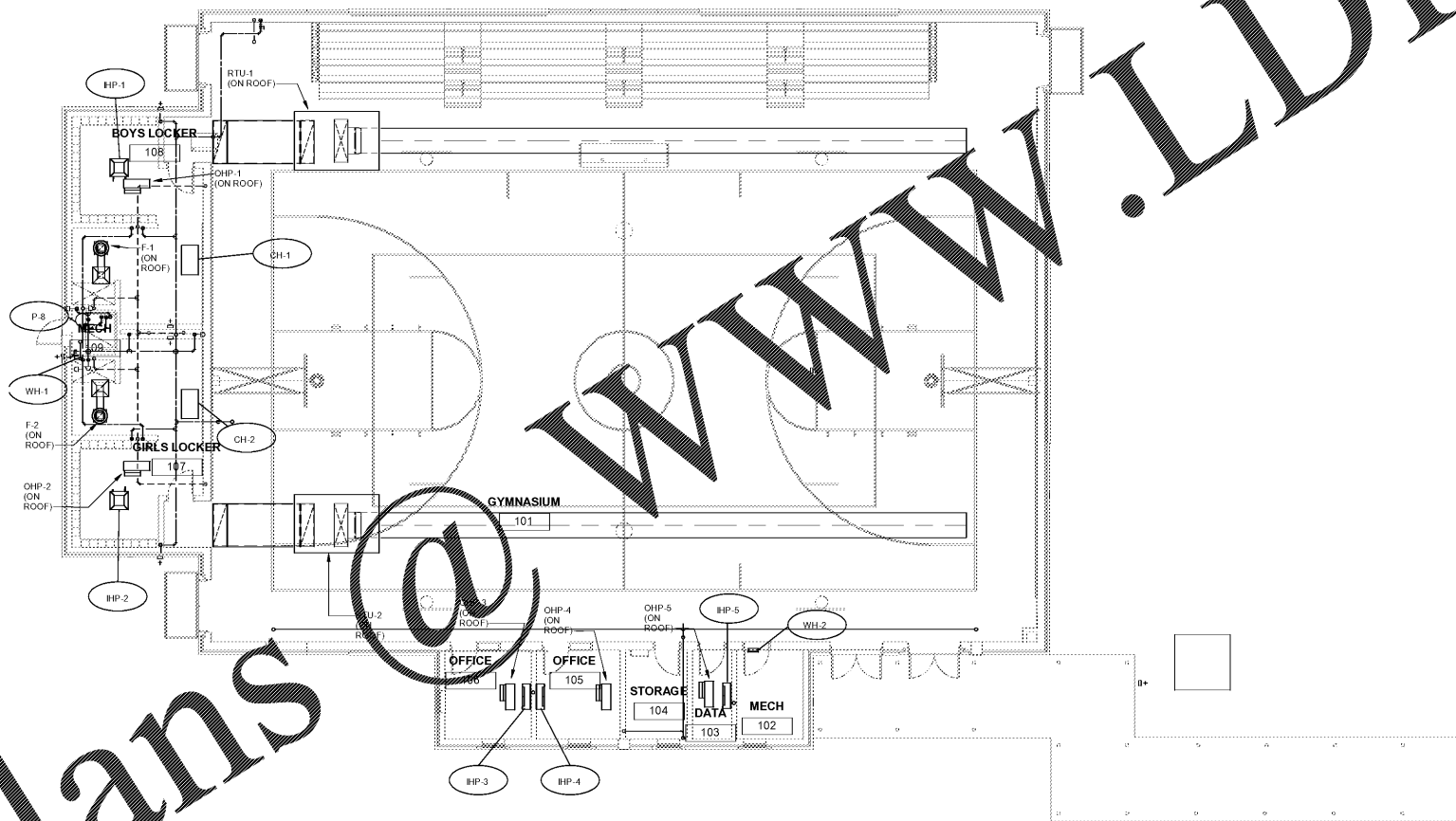


ELECTRIC HEATER																			
ELECTRICAL CONNECTION SCHEDULE																			
EQUIPMENT	VOLTS (V)	PHASE	MCA(A)	HP	KW	VA	CIRCUIT		BREAKER	CONDUIT	FEEDER				NOTES	DISCONNECT			
							PANEL #	AMPS			POLES	QTY	SIZE	QTY			AWG	QTY	AWG
CH-1	277	1	13.5			3000	HG	2	20	1	1	3/4	2	12	1	12	A	-	SEE NOTES
CH-2	277	1	13.5			3000	HG	4	20	1	1	3/4	2	12	1	12	A	-	SEE NOTES
WH-1	208	1	12.0			2000	LG1	22	15	2	1	3/4	2	12	1	12	B	-	SEE NOTES
WH-2	208	1	12.0			2000	LG1	26	15	2	1	3/4	2	12	1	12	B	-	SEE NOTES

FAN UNIT																			
ELECTRICAL CONNECTION SCHEDULE																			
EQUIPMENT	VOLTS (V)	PHASE	MCA(A)	HP	KW	VA	CIRCUIT		BREAKER	CONDUIT	FEEDER				NOTES	DISCONNECT			
							PANEL #	AMPS			POLES	QTY	SIZE	QTY			AWG	QTY	AWG
F-1	120	1	3.125	1/20		300	LG1	20	20	1	1	3/4	2	12	1	12	A	-	FURNISHED BY DIV/23
F-2	120	1	3.125	1/20		300	LG1	20	20	1	1	3/4	2	12	1	12	A	-	FURNISHED BY DIV/23

INDOOR/OUTDOOR HEAT PUMP																			
ELECTRICAL CONNECTION SCHEDULE																			
EQUIPMENT	VOLTS (V)	PHASE	MCA(A)	HP	KW	VA	CIRCUIT		BREAKER	CONDUIT	FEEDER				NOTES	DISCONNECT			
							PANEL #	AMPS			POLES	QTY	SIZE	QTY			AWG	QTY	AWG
IHP-1	208	1	1.00																TOGGLE SWITCH
IHP-2	208	1	1.00																TOGGLE SWITCH
IHP-3	208	1	1.00																TOGGLE SWITCH
IHP-4	208	1	1.00																TOGGLE SWITCH
IHP-5	208	1	1.00																TOGGLE SWITCH



1 MECHANICAL POWER PLAN
E302 SCALE: 1/8" = 1'-0"

PLUMBING ELECTRICAL CONNECTION SCHEDULE																			
(ELECTRIC WATER HEATER, AIR COMP, PUMPS, ETC.)																			
EQUIPMENT	VOLTS (V)	PHASE	MCA (A)	HP	KW	VA	CIRCUIT		BREAKER	CONDUIT	FEEDER				NOTES	DISCONNECT			
							PANEL #	AMPS			POLES	QTY	SIZE	QTY			AWG	QTY	AWG
P-8	208	1	27.04			4499	LG1	38	30	2	1	3/4	2	10	1	10	-	-	302
																			Motor Rated Switch
																			Motor Rated Switch

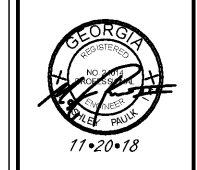
PACKAGED ROOFTOP HEATING & AIR CONDITIONING UNIT																			
ELECTRICAL CONNECTION SCHEDULE																			
EQUIPMENT	VOLTS (V)	PHASE	MCA(A)	HP	KW	VA	CIRCUIT		BREAKER	CONDUIT	FEEDER				NOTES	DISCONNECT			
							PANEL #	AMPS			POLES	QTY	SIZE	QTY			AWG	QTY	AWG
RTU-1	480	3	122.0				HG	43	125	3	1	1 1/2	3	1	1	6	A	-	FURNISHED WITH UNIT
RTU-2	480	3	122.0				HG	49	125	3	1	1 1/2	3	1	1	6	A	-	FURNISHED WITH UNIT

- GENERAL NOTES:**
- REFER TO MECHANICAL CONNECTIONS SCHEDULE FOR CIRCUIT WIRE, CONDUIT AND ELECTRICAL CHARACTERISTICS.
 - COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL PRIOR TO ROUGHING-IN.
 - ALL EXTERIOR DISCONNECTS SHALL BE NEMA 3R RATED.
 - PROVIDE CONDUIT AND BACK BOXES AS SHOWN ON DETAIL 2504 AT ALL THERMOSTAT LOCATIONS. SEE MECHANICAL DRAWINGS FOR QUANTITY AND LOCATING OF ALL THERMOSTAT LOCATIONS AND FOR THERMOSTAT HEIGHTS.



PROJECT TITLE:
MURPHEY
MIDDLE
SCHOOL P.E.
BUILDING
PROJECT #
B-17-005-3756.1

REVISIONS			
REV #	DATE	APPRD BY	REVISION
11/02/18	MAP		STATE FINAL
11/20/18	MAP		ISSUE FOR BID



DA PROJECT NUMBER & NAME:
1707.1
DRAWING TITLE:
MECHANICAL
POWER PLAN/
CONNECTION
SCHEDULES
DRAWING NO:
E302

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