

MECHANICAL CONNECTION SCHEDULE									
ITEM NO.	CHARACTERISTICS	VOLTS	PH	CIRCUIT	BREAKER	CONDUIT	WIRE	NOTE	DISCONNECT SWITCH
OHP-1		208	1	AF-26	302(E)	EXISTING	2#10,1#10	E	302/3R
OHP-2		208	1	AF-28	402(E)	EXISTING	2#8,1#10	E	602/3R
OHP-3		208	1	AG-6	602	EXISTING	2#8,1#10		602/3R
OHP-4		208	1	AG-3	402(E)	EXISTING	2#8,1#10	E	602/3R
OHP-5		208	1	AG-8	602	EXISTING	2#8,1#10		602/3R
OHP-6		208	1	AG-10	602	EXISTING	2#8,1#10		602/3R
OHP-7		208	1	AG-12	602	EXISTING	2#8,1#10		602/3R
OHP-8		208	1	AG-14	602	EXISTING	2#8,1#10		602/3R
OHP-9A		208	3	AH-3	503(E)	EXISTING	3#8,1#10	E	603/3R
OHP-9B		208	3	AH-4	503(E)	EXISTING	3#8,1#10	E	603/3R
OHP-10A		208	3	AH-7	903(E)	EXISTING	3#8,1#8	E	1003/3R
OHP-10B		208	3	AH-8	903(E)	EXISTING	3#8,1#8	E	1003/3R
OHP-11A		208	3	AH-11	503(E)	EXISTING	3#8,1#10	E	603/3R
OHP-11B		208	3	AH-12	503(E)	EXISTING	3#8,1#10	E	603/3R
OHP-12		208	1	AH-14	602	EXISTING	2#8,1#10		602/3R
OHP-13		208	3	AG-4	503	EXISTING	3#8,1#10		603/3R
OHP-14		208	1	AH-1	302	3/4" (NEW)	3#10		302/3R
OHP-15		208	1	AH-5	202	3/4" (NEW)	3#12		302/3R

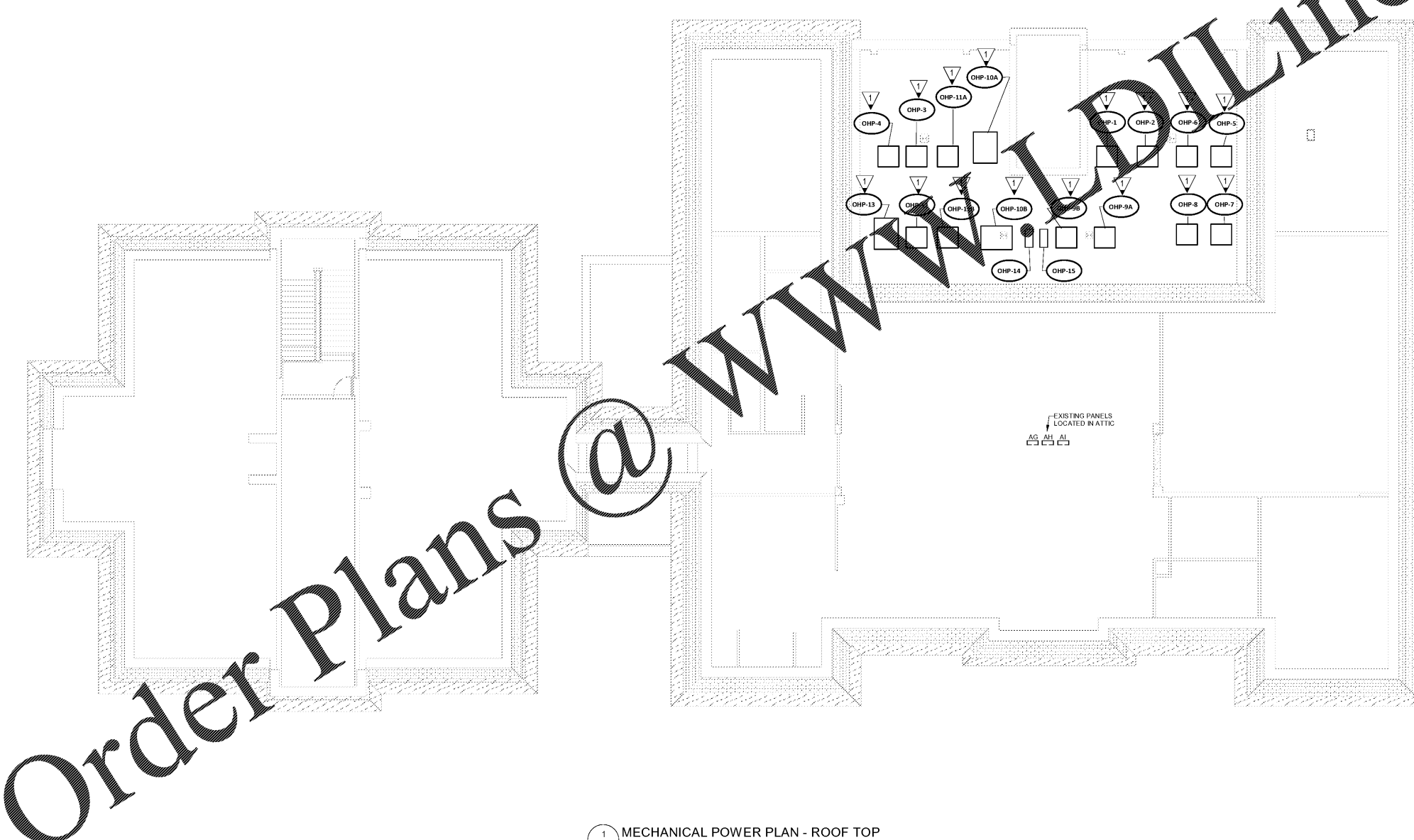
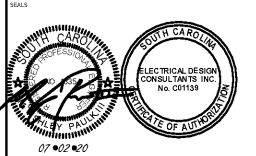
REMARKS  
 1. (E) DENOTES UTILIZE EXISTING BREAKER  
 2. PULL NEW WIRE AS SHOWN IN EXISTING CONDUIT  
 3. PROVIDE NEW DISCONNECT AND SEAL/TIE CONNECTION FUSE DISCONNECT TO MATCH NAME PLATE

**GENERAL NOTES:**

- REFER TO MECHANICAL CONNECTION SCHEDULES FOR CIRCUIT DESIGNATIONS, WIRE AND CONDUIT SIZE, DISCONNECT MEANS, AND OTHER ELECTRICAL REQUIREMENTS FOR MECHANICAL POWER
- COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH MECHANICAL DRAWINGS
- WALL JUNCTION BOXES AND CONDUIT FOR THERMOSTATS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. VERIFY EXACT LOCATION AND QUANTITY WITH MECHANICAL PRIOR TO ROUGH-IN
- LOCATE DISCONNECT AT UNITS AS REQUIRED TO MAINTAIN PROPER CLEARANCES PER NEC
- ALL EXTERIOR DISCONNECTS SHALL BE RATED NEMA 3R RATED
- ALL EXTERIOR FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF
- UTILIZE MECHANICAL CURBING FOR ROUTING OF CONDUITS TO ROOF TOP MOUNTED HVAC UNITS. DO NOT ROUTE THROUGH DRAIN PANS
- ALL EXISTING CONDUITS SERVING MECHANICAL EQUIPMENT SHALL BE UTILIZED FOR NEW MECHANICAL CIRCUITS IF PRACTICAL AND CONDUIT IS IN GOOD CONDITION
- ALL EXISTING WIRING SHALL BE REMOVED BACK TO PANEL OF ORIGIN UNLESS NOTED OTHERWISE

**KEYED NOTES:**

- EXISTING HVAC UNIT IS BEING REPLACED WITH NEW DISCONNECT. EXISTING ELECTRICAL AND REMOVE EXISTING WIRE PER SCHEDULE FOR NEW WORK REQUIRED. (D) CONFIRM WITH MECHANICAL CONTRACTOR.



1 MECHANICAL POWER PLAN - ROOF TOP  
 E403 SCALE: 1/8" = 1'-0"

AIKEN COUNTY  
 AIKEN PUBLIC LIBRARY & NORTH WING  
 RENOVATION  
 314 CHESTERFIELD ST. S. AIKEN, SC

NO.	DATE	DESCRIPTION	BY
A	01/27/2020	SD PRICING SET	
B	03/08/2020	DD SET	
D	04/12/2020	PERMIT SET	
E	07/02/2020	ISSUED FOR BIDS	

ISSUED FOR BIDS 07/02/2020  
 PRINCIPAL IN CHARGE: MAP  
 PROJECT ENGINEER: ALG  
 DRAWN BY: ALG  
 SHEET TITLE:  
**MECHANICAL  
 POWER PLAN -  
 ROOF TOP**  
 SHEET NO. PROJ. NO.  
 019477.01

**E403**