MECH. EQUIP. LEGEND

SYMBOL	DISC. SW.	CONDUCTORS	VOLTS	MIN. CKT AMPS ***
W18	30/2/15 *	2#12	277 V	15A-1P
W24	30/2/20 *	2#12	277 V	20A-1P
W30	30/2/25 *	2#10	277 V	25A-1P
W36	30/2/30 *	2#10	277 V	30A-1P
R60	30/3/20 **	4#12	480-3Φ	20A-3P
FC/CU-12	30/2/15 **	3#12	208/1Φ	20A-2P
ERU-1,2,3	30/3/30 **	4#10 #10GR-¾"C	480-3Φ	20A-1P
EH-1	BLT.-IN	2#10	277 V	30A-1P

* ONLY ONE FUSE REQUIRED

** ALL DISCONNECTS INSTALLED OUTDOORS SHALL HAVE RAIN-TIGHT ENCLOSURES, NEMA 3R

*** EXISTING CIRCUIT BREAKERS WITH A RATING LESS THAN THE LISTED MINIMUM RATING SHALL BE REPLACED BY CONTRACTOR. PROVIDE GREEN GROUND CONDUCTOR IN ALL FLEXIBLE METAL CONDUIT SIZED PER THE N.E.C.

LEGEND

SYMBOL	DESCRIPTION	MNT'G HGT TO TOP
$M	MOTOR RATED SWITCH 20A-120/277V HUBBELL 1221 W/1390 ENCLOSURE FOR LOCKOUT	48"
OS	CEILING MTD. OCCUPANCY SENSOR PROVIDED AND INSTALLED BY MECHANICAL	
OR	OCCUPANCY SENSOR RELAY PROVIDED BY MECHANICAL, INSTALLED BY ELECTRICAL	
	GROUNDED DUPLEX RECEPTACLE 15A-125V HUBBELL HBL5252-I	20"
GFI WP	GFI RECEPTACLE WITH HUBBELL WP26M WEATHER-PROOF COVER	24" **
DSD	DUCT MOUNTED SMOKE DETECTOR	
R	RELAY - SEE MECHANICAL	
30/2	NON-FUSED DISCONNECT SWITCH-30/2 INDICATES 30A, 2 POLE SWITCH	72" #
60/3/40	FUSED DISCONNECT SWITCH - 60/3/40 INDICATES 60A, 3 POLE SWITCH W/ 40A FUSES	72" #
	ELECTRICAL PANELBOARD	72"
	FRACTIONAL HORSEPOWER MOTOR	
	MOTOR - HORSEPOWER AS INDICATED	
AFF	ABOVE FINISHED FLOOR	
AFG	ABOVE FINISHED GRADE	
RSC	RIGID STEEL CONDUIT	
RT	RAINTIGHT ENCLOSURE, NEMA 3R	
VFD	VARIABLE FREQUENCY DRIVE FURNISHED BY MECHANICAL	
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING	
	CONDUIT CONCEALED UNDERGROUND OR BELOW ELEVATED FLOOR	
	CONDUIT EXPOSED AT CEILING, CONCEALED IN WALL	
	ARROWS INDICATE HOMERUN TO PANEL	
	CROSSMARKS INDICATE NO. OF CONDUCTORS, DOT INDICATES GROUND WIRE (2#12 #10)	20"

= 36" AFG TO BOTTOM WHEN INSTALLED ON EXTERIOR OF BUILDING

** = OR AS NOTED ON PLANS

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CGLS
CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS
ATLANTA, GEORGIA

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RELEASED FOR CONSTRUCTION

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SEAL

GEORGE LEE WILLIAMS No. 28054 REGISTERED PROFESSIONAL ENGINEER GEORGIA

DATE	NO.	DESCRIPTION
10/11/18		CCDC FINAL SUBMITTAL
10/29/18		ISSUE FOR BID

FIVE FORKS MIDDLE SCHOOL
HVAC & ROOFING RENOVATIONS
FACILITY NO. 667-0279
3250 River Drive, Lawrenceville, GA 30044
GWINNETT COUNTY SCHOOL DISTRICT

SHEET TITLE
ELEC SCHEDULES & DETAILS

PROJECT NO.
18007.02

DATE
OCTOBER 11, 2018

DRAWN BY: G.L.K.
CHECKED BY: G.L.K.

SHEET NO.
E3.11

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1823