

Order Plans @

ELECTRICAL EQUIPMENT SCHEDULE											
EQUIPMENT INFORMATION ID	CIRCUIT INFORMATION	EQUIPMENT INFORMATION				CIRCUIT INFORMATION		DISC	TYPE	WIRE SIZE AND CONDUIT	
		FLA	MOC	VOLT	PH	PANEL	NO.				
EXHAUST FAN EF-1	0.4 kVA	0.6 A	20.0 A	115 V	1	1CA	35	PROVIDED BY M.C.		2-#10, #10 GRD., 3/4" C.	
HEATER EH-1	0.4 kVA	3.7 A	20.0 A	120 V	1	1PA	42	PROVIDED BY M.C.		2-#12, #12 GRD., 3/4" C.	
EH-2	0.4 kVA	3.7 A	20.0 A	120 V	1	1PA	42	PROVIDED BY M.C.		2-#12, #12 GRD., 3/4" C.	
EH-3	0.4 kVA	3.7 A	20.0 A	120 V	1	1PA	15	PROVIDED BY M.C.		2-#12, #12 GRD., 3/4" C.	
EH-4	0.4 kVA	3.7 A	20.0 A	120 V	1	1PA	15	PROVIDED BY M.C.		2-#12, #12 GRD., 3/4" C.	
EH-5	1.5 kVA	12.5 A	20.0 A	120 V	1	1PA	23	PROVIDED BY M.C.		2-#10, #10 GRD., 3/4" C.	
Water Heater WH1	5.0 kVA	6.0 A	25.0 A	480 V	3	MCCA	8	20A MCC BUCKET		4-#12, #12 GRD., 3/4" C.	

KITCHEN EQUIPMENT CONNECTION SCHEDULE										
EQUIP ID	DESCRIPTION	VOLTAGE	PHASE	kVA	AMPS	WIRE AND CONDUIT		CONNECTION		
						SIZE				
A1	REFRIGERATED CASE A1	120 V	1	2.2 kVA	18.3 A	2-#10, #10 GRD., 3/4" C.		NEMA 5-20R		
A2	REFRIGERATED CASE A2	120 V	1	1.5 kVA	15.6 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A3	POS SYSTEM A3	120 V	1	1.5 kVA	15.6 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A3.1	POS SYSTEM A3.1	120 V	1	1.5 kVA	15.6 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A3.2	POS PRINTER A3.2	120 V	1	1.5 kVA	15.6 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A6	UIC REFRIGERATOR A6	120 V	1	0.2 kVA	2.0 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A8	ESPRESSO MACHINE A8	209 V	1	5.0 kVA	24.0 A	3-#10, #10 GRD., 3/4" C.		NEMA 6-30R		
A21	COFFEE BREWER A21	209 V	1	5.4 kVA	26.0 A	3-#8, #10 GRD., 3/4" C.		60A DISCONNECT		
A22	UIC REFRIGERATOR A22	120 V	1	0.4 kVA	3.0 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A23	MICROWAVE CONVECTION OVEN A23	209 V	1	6.2 kVA	29.0 A	3-#8, #10 GRD., 3/4" C.		NEMA 6-30R		
A24	REFRIGERATED PREP TABLE A24	120 V	1	0.8 kVA	6.5 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A26	POS PRINTER A26	120 V	1	1.5 kVA	15.6 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A31	ICEMAKER A31	120 V	1	2.0 kVA	16.3 A	2-#10, #10 GRD., 3/4" C.		30A DISCONNECT		
A35	REACH-IN REFRIGERATOR A35	120 V	1	0.7 kVA	5.9 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A36	REACH-IN FREEZER A36	120 V	1	0.8 kVA	7.0 A	2-#12, #12 GRD., 3/4" C.		NEMA 5-20R		
A44	UIC DISHWASHER A44	209 V	1	5.1 kVA	24.7 A	3-#8, #10 GRD., 3/4" C.		60A DISCONNECT		

LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	LAMP	BALLAST/DRIVER	WATTAGE	VOLTAGE	MFR	CATALOG SERIES	NOTE		
C	MOON RING PENDANT	LED	INTEGRAL LED DRIVER	83 W	UNIV	ALW	LPV/MRSD D6 4000K SW 72"	72" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CONFIRM COLOR WITH ARCHITECT		
C1	SURFACE MOUNTED PENDANT	LED	INTEGRAL LED DRIVER	32 W	UNIV	ALW	RPD06-R25 D3 4000 LENS SW GW	36" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CONFIRM COLOR WITH ARCHITECT		
C1E	SURFACE MOUNTED PENDANT	LED	INTEGRAL LED DRIVER	32 W	UNIV	ALW	RPD06-R25 D3 4000 LENS SW GW	36" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CONFIRM COLOR WITH ARCHITECT		
D	SQUARE PENDANT	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLSD5 24C3 40KS 90 S GR PJ3	CONNECT TO GENERATOR		
DE	SQUARE PENDANT	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLSD5 24C3 40KS 90 S GR PJ3	CONNECT TO GENERATOR		
EXIB F	CLEAR EDGE-LIT EXIT SIGN RECESSED LED DOWNLIGHT	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	1 W	UNIV	LITHONIA	LBP SERIES	CONNECT TO GENERATOR		
G	LINEAR PENDANT MOUNT LED	LED	INTEGRAL LED DRIVER	47 W	UNIV	LLIA	SF H7.9W 40K PROVIDE ALL JOINERS AND SUSPENS	4.5" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CLEAR SPECULAR		
GE	LINEAR PENDANT MOUNT LED	LED	INTEGRAL LED DRIVER	110 W	UNIV	LLIA	SF H7.9W 40K PROVIDE ALL JOINERS AND SUSPENS	4.5" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CLEAR SPECULAR		
H	1X4 LED LAY-IN TROFFER	LED	INTEGRAL LED DRIVER, STEP DIMMING	35 W	UNIV	LITECONTROL	56L G D 24 20S C1 4000K	4000K 3000 MINIMUM LUMENS		
H1	2X4 LED LAY-IN TROFFER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	35 W	UNIV	LITECONTROL	56L G D 24 50F C1 4000K	4000K 3000 MINIMUM LUMENS		
H1E	2X4 LED LAY-IN TROFFER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	35 W	UNIV	LITECONTROL	56L G D 24 50F C1 4000K	4000K 3000 MINIMUM LUMENS		
J1	RECESSED LED DOWNLIGHT WITH WALL WASH	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	18 W	UNIV	USA1	NRDF 22L2 40KS WH NC	4.5" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CLEAR SPECULAR		
J2	RECESSED LED DOWNLIGHT	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	18 W	UNIV	USA1	NRDF 22L2 40KS WH NC	4.5" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CLEAR SPECULAR		
J2E	RECESSED LED DOWNLIGHT	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	18 W	UNIV	USA1	NRDF 22L2 40KS WH NC	4.5" APERTURE MINIMUM 1250 LUMEN PACKAGE MINIMUM 10% DIMMING CLEAR SPECULAR		
K	CYLINDER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLRDS 24C3 40KS 90 S WH PR3	CONNECT TO GENERATOR		
KE	CYLINDER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLRDS 24C3 40KS 90 S WH PR3	CONNECT TO GENERATOR		
L1	4 FT. LED STRIP	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	40 W	UNIV	LITHONIA	CLX LED L48 5000LM SEF FDL	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD 4000 MINIMUM LUMENS LENSED		
M	INDIRECT/DIRECT LED PENDANT	LED	INTEGRAL LED DRIVER	56 W	UNIV	FLUXWERX	APS R D D 40 W 026 G F2 M	ARCHITECT TO CHOOSE MOUNTING/SUSPENSION HEIGHT UPDOWN 10/20 OR 0/20 DIMMING INCREMENT 1% OR 0.5/100 4000K		
N	2X4 LED LAY-IN TROFFER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	48 W	UNIV	LITHONIA	28L4 60L ADP G210 LP840	4000K 6000 MINIMUM LUMENS UL LISTED DAMP LOCATIONS		
NE	2X4 LED LAY-IN TROFFER	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	48 W	UNIV	LITHONIA	28L4 60L ADP G210 LP840	4000K 6000 MINIMUM LUMENS UL LISTED DAMP LOCATIONS		
W	SQUARE PENDANT WITH WALL WASH	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLSD5 24C3 90WW 5 GR PJ3	4000K		
WE	SQUARE PENDANT WITH WALL WASH	LED	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	24 W	UNIV	USA1	BLSD5 24C3 90WW 5 GR PJ3	4000K		

- LIGHTING FIXTURES, AS SPECIFIED, HAVE BEEN SO SELECTED TO ACHIEVE REQUIRED/DESIRED FOOT CANDLE LEVELS OF ILLUMINATION IN THEIR RESPECTIVE AREA. HENCE SPECIFIC FIXTURE CHARACTERISTICS WHICH MAY CREATE PARTICULAR ILLUMINATION RESULTS ARE ESSENTIAL. ANY DEVIATIONS FROM SPECIFIED FIXTURES SHALL DEEM THE SUBMITTING AGENT AND CONTRACTOR RESPONSIBLE IN PROVING SUCH DEVIATION WILL PROVIDE THE EXACT LIGHTING RESULT IN DUPLICATION TO THE DESIGN HEREIN.
- SUBSTITUTIONS APPROVED BY THE ENGINEER PREVIOUS TO BID ARE ACCEPTABLE AS LONG AS THEY ARE EQUAL TO FIXTURE SPECIFIED, UNLESS OTHERWISE NOTED. THIS INCLUDES LENS, COLORS, REFLECTORS, PHOTOMETRICS, HOUSING MATERIALS, FINISHES, ETC. ANY SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER WITH COMPLETE CUT SHEETS FOR APPROVAL 10 WORKING DAYS PRIOR TO BID. SUBSTITUTE FIXTURES SHALL BE PRICED WITH THE SPECIFIED FIXTURE AND LISTED SEPARATELY FOR THE ENGINEER AND OWNER TO MAKE AN INFORMED DECISION.
- CONTRACTOR SHALL PROVIDE SUITABLE TRIM AND APPURTENANCES TO MOUNT FIXTURES IN TYPE OF CEILING OR WALL AS SPECIFIED IN ARCHITECTURAL FINISH SCHEDULES REGARDLESS OF CATALOG NUMBER GIVEN. CONTRACTOR SHALL VERIFY TYPE OF CEILING OR WALL BY REVIEWING ARCHITECTURAL FINISH SCHEDULES PRIOR TO ORDERING FIXTURES.
- CONFIRM FINAL FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS.
- DURING THE BIDDING PROCESS, THE CONTRACTOR SHALL INFORM ARCHITECT AND ENGINEER OF ANY DELIVERY OR SCHEDULING ISSUES THAT MAY IMPACT THE PROJECT CRITICAL PATH SCHEDULING.
- NO FIXTURE SUBSTITUTIONS WILL BE CONSIDERED DUE TO LACK OF COORDINATION OF DELIVERY DATES AND CONSTRUCTION SCHEDULE AFTER TIME OF BID.
- ALL MATERIAL EXPEDITING EXPENSES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY FIXTURES BEING INSTALLED IN CEILING, INDICATED BY THE ARCHITECT AS HAVING INSULATION IN CONTACT WITH THE CEILING SURFACE, SHALL BE IC RATED AND LABELED SUCH FROM THE MANUFACTURER.
- COMPLETELY EXAMINE LIGHTING PLANS TO COORDINATE SWITCHING, DIMMING AND ANY SPECIAL DRIVER CONTROLS THAT MAY BE PART OF THE DESIGN INTENT.
- COORDINATE THE MOUNTING HEIGHT OF ALL WALL MOUNTED AND PENDANT MOUNTED FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL LIGHT FIXTURES SHALL BE 4000K.

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Jordan Hall Library Renovation  
Watson Tate Savory  
NCSU Jordan Hall

SEAL  
30105  
08/24/20

ISSUE DATE	08/24/2020	
PHASE	Bid Set	
#	DATE	REVISION

SCHEDULES

19244  
A/E PROJECT NO. SHEET  
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