Community College of Spokane SCC Lair Remodel 2019-167 G(2-1) ALSC Job No. 2019-010 ALSC Architects, P.S. 203 North Washington, Suite 400 Spokane, WA 99201 January 15, 2020 Page 1

ADDENDUM NO. 2

The additions, omissions, clarifications and corrections contained herein shall be made to drawings and specifications for the project and shall be included in scope of work and proposals to be submitted. References made below to specifications and drawings shall be used as a general guide only. Bidder shall determine the work affected by Addendum items.

General and Bidding Requirements:

1.	Bid Opening	Location: District Facilities & Capital Projects Esmerelda Location, 3939 North Freya Street. Push doorbell for
		entry.

In the Specifications:

1.	Section 01 23 00 Alternates	ADD : To Part 3 – Execution Schedule of Alternates D: Alternate No. 04: New Rooftop Unit – MXU-5:
		3. Alternate no. 4: Assume construction activities impacting Room 101 & Room 101F will occur during Normal Working hours coinciding with Spring Break from Friday 3-27-20 through Sunday 4-5-20 to minimize interior disruptions. Should schedule not allow the work to occur during Spring Break, evenings (6:00pm to 6:00am) and weekends will be required.
		4. Alternate no. 4: Room 101 and Room 101F are occupied spaces with interior finishes requiring protection during construction activities. Owner shall prepare Room 101 & Room 101F for construction activities by providing & installing protective tarps and temporarily relocating minimal quantity of furnishings. Coordinate with Owner to minimize the interior work footprint and schedule concerns to minimize interior disruptions.
		 Alternate no. 4: Contractor shall coordinate removal, salvage and reinstallation of existing ceiling assembly, HVAC diffusers, lights, etc. to accommodate overhead work. Existing fire alarm devices and fire sprinkler heads shall be protected in place. Replacement of salvaged items between work shifts will not be required. Alternate no. 4: Owner shall provide temporary heating and cooling as needed.

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2.	Section 21 05 00 Common Work Results for Fire Suppression	 ADD: Section 1.1 E to read: Lair building 6 is served by an existing wet pipe automatic sprinkler system. Except the areas of work, the building will remain occupied during construction. The areas of work requiring existing sprinkler system modifications are the Scope of Project as indicated on A6/G-003 Level 01 – Key Plan and discrete adjacent areas made necessary by associated construction activities. The Contractor shall maintain building wide System integrity and functionality allowing Work to proceed without impacting building areas outside the Scope. Contractor shall be responsible for determining pipe route, size, valve type, valve placement, etc. and removal of temporary components unless intended to remain as part of the completed System. Contractor shall provide for two (2) separate System draw-downs and System bi-pass operations; one each to coincide with Phase 1 and Phase 2 operations. REPLACE Section 3.2.B to read: The Drawings do not indicate the existing nor the proposed Wet Pipe Sprinkler System and its associated components. The Contractor is responsible for coordinating with the Owner's record documents and field conditions including but not limited to: location and size of existing pipe, isolation valves, auxiliary drains, sprinkler heads, hydraulic calculation variables, etc. to develop Working (Shop) Drawings that accommodate Architectural, Mechanical and Electrical considerations as indicated in the Contract Documents regarding the Base Bid and accepted Alternates.
3.	Section 23 07 00 HVAC Insulation Systems	DELETE Paragraph 1.3B LEED Submittals
4.	Section 23 09 00 Instrumentation and Control Systems	REPLACE Section 2.20.C with the following: C. The controls system subcontractor shall provide control wiring for VFDs. Division 26 contractor shall provide power to factory mounted VFDs once they are installed in the field.
	Section 23 31 00 Metal Ducts and Casings	 REPLACE Section 1.2.B with the following: B. Related Sections include the following: Division 23 Section "Air Duct Accessories" for dampers, sound-control devices, duct- mounting access doors and panels, and flexible ducts.

ADDENDUM NO. 2

6.	Section 23 33 00	REPLACE Section 1.2.B with the following:												
	Air Duct Accessories	B. Related Sections include the following:												
		 Division 23, Section 23 09 00, "Instrumentation and Control for HVAC" for electric and pneumatic damper actuators. 												
		 Division 23, Section "Metal Duct and Casings" for test ports, stuffing boxes, turning vanes, joint sealant, and safety relief access doors. 												
7. S	Section 23 37 00	REPLACE Section 1.2.B with the following:												
	Air Inlets and Outlets	B. Related Sections include the following:												
		 Division 23 Section "Air Duct Accessories" for fire and smoke dampers and volume-control dampers not integral to diffusers, registers, and grilles. 												
8.	Section 23 75 00 Packaged Outdoor HVAC Equipment	DELETE Section 1.1.B.												
9.	Section 26 09 43 Network Lighting Controls	REVISE Section 2.1.A.3 to read: Leviton.												

In the Drawings:

1.	Sheet A-103	REISSUED sheet in its entirety
	Roof Plan (Partial)	
2.	Sheet A-110	REVISED General Note 3 – revised sheet reference to
	Level 01 (Partial)–Floor Plan	read "See Sheet A-501 for wall types legend."
3.	Sheet A-120	REISSUED sheet in its entirety
	Level 01 (Partial)-Reflected Ceiling Plan	
4.	Sheet A-501	REVISED Detail D3/A-501
	Mechanical Details	
5.	Sheet A-501	ADDED Detail for Wall Type "A"
	Mechanical Details	
6.	Sheet M-101	REISSUED sheet in its entirety
	HVAC Demo Plan – Base Bid	
7.	Sheet M-102	REISSUED sheet in its entirety
	HVAC Demo Plan – Alternate Bid	
8.	Sheet M-201	REISSUED sheet in its entirety
	HVAC Plan – Base Bid	

ADDENDUM NO. 2

9.	Sheet M-202	REISSUED sheet in its entirety
	HVA Plan – Alternate Bid	
10.	Sheet M-203	REISSUED sheet in its entirety
	Mechanical Roof Plan	
11.	Sheet M-501	REISSUED sheet in its entirety
	HVAC Details	
12.	Sheet M-502	REISSUED sheet in its entirety
	Mechanical Details	
13.	Sheet M-601	REISSUED sheet in its entirety
	HVAC Schedules	
14.	Sheet M-702	REISSUED sheet in its entirety
	Mechanical Control Diagrams	
15.	Sheet P-501	REISSUED sheet in its entirety
	Plumbing Details and Schedules	
16.	Sheet E-001	REISSUED sheet in its entirety
	Abbreviations, Symbols, Legends, and	
17	Sheet FL 110	DETCOUED shoot in its activate
17.	Lighting Plan	REISSUED sheet in its entirely
10	Cheet ED 110	BETSSUED shoot in its optizaty
10.	Dower Plan	REISSUED sheet in its entirety
10	Sheet ED-111	BETSSIIED sheet in its entirety
19.	Electrical Roof Plan	
20	Sheet F-701	RETSSUED sheet in its entirety
20.	Lighting Schedule	
21	Sheet F-711	RETSSUED sheet in its entirety
<u>6</u> 11	Mechanical Equipment Schedule	

Acceptance of Substitutions

Add the following to approved list of manufacturers at this time.

This approval is an approval of quality only. No attempt has been made to check each material as to special features, capacities or physical dimensions especially required by this project. It shall be the responsibility of supplier, manufacturer and Contractor to check all requirements before submitting for final approval. Final approval of exact features, sizes, capacities, etc., all of which must match materials indicated/specified, will be determined when submitted during construction period. Certain approvals are subject to conditions as noted.

	SECTION	ITEM	MANUFACTURER								
1.	26 51 00 -	R.B1	CORELITE								
	Lighting	R.J1	PINNACLE LIGHTING								
		R.J2	PINNACLE LIGHTING								
		R.J3	PINNACLE LIGHTING								





		6
	GEI	NERAL NOTES
	1.	DIMENSIONS ARE TO FACE OF STUD AT PARTITIONS, GRID LINES, FACE OF CMU, AND CENTERLINE OF COLUMNS UNO
	2	CLR DIMENSIONS INDICATE CLEAR DIMENSIONS FROM FACE OF WALL FINISH
	3.	WALL TYPES DEFINE THE ENTIRE LENGTH OF A WALL ON THE WALL SIDE NOTED FROM CORNER TO CORNER UNO. SEE SHEET A-501 FOR WALL TYPES LEGEND.
AND ES.	4.	ALL-WALLS NOT DESIGNATED WITH A WALL TYPE OR NOTED OTHERWISE 1 SHALL BE A6s.
OR	5.	MASONRY DIMENSIONS ARE NOMINAL, VERIFY ACTUAL DIMENSIONS
SEE	6.	SEE DOOR SCHEDULE FOR DOOR AND RELITE FRAME TYPES AND DETAIL REFERENCES
E. OM TOP OF	7.	SEE ENLARGED PLANS FOR ADDITIONAL NOTES, INTERIOR ELEVATION CALLOUTS AND OTHER DETAILS WITHIN THE CALLOUT AREA.
	8.	SEE G-003 FOR PROJECT PHASIING PLAN
E 36 FOR FIELD S AND 3, ALL MUST BE		
ET FIRE		
NALL INFILL		KEYNOTES
	- F:01	HATCHED REGION SHOWS APPROX. EXTENT OF CEMENT UNDERLAYMENT FLOOR PREP - UNDERLAYMENT NEEDED WHERE FLOOR TILE DEMO'D OR SURFACE PREP NEEDED TO LEVEL SURFACE
	F:06	ALIGN WITH FINISH FACE OF WALL
		NEW RUDDER DASE AND PT PAINT FINISH AT EXISTING WALLS - TERMINATE NEW FINISHES AT EXISTING MASONRY WALL
	F:13	NEW RUBBER BASE AND MDF PANEL - TERMINATE NEW FINISHES AT CORNEF OF EXISTING MASONRY WALL
	F:14	NEW WALL FRAMING AT EXSITING MASONRY/CONCRETE WALL
	F:15	5/8" GYP BD. ON FURRING STRIPS AT INTERIOR FACE OF WEST WALL IN LEADERSHIP 102D; SEE INTERIOR ELEVATION FOR FINISH
	F:15 F:17	5/8" GYP BD. ON FURRING STRIPS AT INTERIOR FACE OF WEST WALL IN LEADERSHIP 102D; SEE INTERIOR ELEVATION FOR FINISH 5/8" GYP BD. INFILL AT EXISTING FRAMED OPENING. TAPE AND FINISH TO RECIEVE WALL FINISH

ALSC		ADDENDUM # 2										
	2019-010	DATE 01-15-20	DRAWN RLP	DWG. NO.	JOB NO. 2019-010	REF. SHT. A-110						
		DESCRIPTIO GENERAL NO	N DTE 3 REVISE	D								



DETAIL D3/A-501 REVISED

GENERAL NOTES

A. THESE DRAWINGS HAVE BEEN PREPARED USING OWNER PROVIDED RECORD DRAWINGS DATED 9/6/05 AND THROUGH FIELD OBSERVATIONS. VERIFY EXISTING CONDITIONS AS THEY APPLY TO THIS PROJECT AND INCLUDE IN BID A SUFFICIENT ALLOWANCE TO COVER ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE ACTUAL CONDITIONS AS THEY CURRENTLY EXIST.

FUTURE USE.

- B. EXISTING WORK IS SHOWN WITH LIGHT LINES AND DEMO WORK IS SHOWN WITH BOLD BROKEN LINES, TYP.
- C. CONTRACTOR SHALL COORDINATE ANY SHUT DOWN OF SYSTEMS
- WITH OWNER. D. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL EQUIPMENT THAT THE OWNER DOES NOT WISH TO RETAIN FOR

KEY NOTES

- 1 RELOCATE (E) PLENUM RETURN TO ENCLOSED OFFICE 225 AND
- OFFICES ON WEST WALL. 2 DEMO EXISTING UNIT HEATER AND ALL ASSOCIATED NATURAL
- GAS PIPING BACK TO NEAREST ACTIVE MAIN AND CAP.
 CONTRACTOR TO MODIFY (E) DUCTWORK AS REQUIRED TO ACCOMODATE NEW DUCT LAYOUT AS SHOWN ON M-202.
- RECONNECT (E) BRANCH DUCTWORK TO NEW SUPPLY MAIN. PROVIDE PRE-DEMO TAB READING OF ALL DIFFUSERS AND
- GRILLES IN REGION SHOWN. DUCT TRAVERSE IS ACCEPTABLE IN (E) BOOKSTORE AREA WHERE GRILLES AND DIFFUSERS ARE NOT BEING DEMOLISHED.

GENERAL HVAC NOTES

- _____ A. EXISTING WORK IS SHOWN WITH LIGHT LINES AND NEW WORK IS SHOWN WITH BOLD CONTINUOUS LINES, TYP.
- B. VERIFY THERMOSTAT PLACEMENT WITH OWNER PRIOR TO ROUGH-IN. COORDINATE PLACEMENT WITH ELECTRICAL CONTRACTOR AND LIGHT SWITCH LOCATIONS. THERMOSTAT SHALL BE AT SAME ELEVATION AS LIGHT SWITCHES (BETWEEN 30"-48" AFF).
- C. MAINTAIN ACCESS TO ALL DAMPERS FOR MAINTENANCE PURPOSES. PROVIDE ACCESS PANELS WHERE NECESSARY.
- D. PROVIDE VOLUME DAMPERS ON ALL SUPPLY, RETURN, AND EXHAUST BRANCH DUCT TAKEOFFS IN ADDITION TO THOSE SHOWN. PROVIDE REMOTE DAMPER OPERATORS IN HARD LID CEILINGS WHERE DAMPERS ARE NOT ACCESSIBLE.
- E. MAINTAIN 3'-0" MIN. CLEARANCE ON CONTROLS SIDE OF TERMINAL UNITS.
- F. PROVIDE AUTOMATIC AIR VENTS AT HIGH POINTS OF HWS/HWR PIPING.
- G. ROUTE ALL NEW DUCTWORK TO AVOID (E) FIRE SPRINKLER MAINS AND HEADS.
- H. RELOCATE (E) FIRE SPRINKLER HEADS AS REQUIRED TO MEET COMPLIANCE IN NEW SPACE LAYOUT.

VALUES.

KEY NOTES

1 CONFIRM PREFERRED THERMOSTAT LOCATION WITH OWNER 2 5S AND 6S TO BE MOUNTED IN WOOD SLOT CEILING IN A REMOVE AND SAVE (E) DIFFUSERS AND GRILLES AS REQUIRED TO INSTALL NEW DUCTWORK AND TERMINAL UNITS IN BOOKSTORE. REINSTALL (E) DIFFUSERS AND GRILLES IN ORIGINAL LOCATIONS AFTER WORK IS COMPLETED. HYDRONIC FLUID TO BE DRAINED DOWN AS REQUIRED FOR CONSTRUCTION, SAVED, AND STORED IN CONTRACTOR PROVIDED RECEPTACLES. UPON COMPLETION OF PROJECT CONTRACTOR TO REFILL SYSTEM USING STORED FLUID. CONTRACTOR TO VERIFY LEVEL OF GLYCOL IN SYSTEM AND ADJUST FLUID LEVELS AS NEEDED TO REACH 30%.

PIPING. KEY NOTES 1 HWS/HWR DOWN TO TERMINAL UNITS BELOW. PATCH ROOF PER ARCH AND SEAL WATER TIGHT 2 ROUTE 3/4" CONDENSATE TO ROOF DRAIN. } 3 P-1 AND P-2 TO BE INSTALLED IN SAME LOCATION AS DEMOED PUMPS. CONTRACTOR TO VERIFY NEW PUMPS ARE DIMENSIONALLY THE SAME AS EXISTING. ALL EXISTING STRAINERS, CONNECTIONS, VALVES, ETC. SHALL BE REUSED. 4 VFD-1 AND VFD-2 TO BE MOUNTED ON EXISTING RACH IN MECH ROOM 207. 5 INFILL ROOF AS REQUIRED TO ACCOMODATE NEW UNIT. PATCH AND SEAL ROOF PER ARCHITECTURAL. 6 UNIT LOCATION SHOWN IS APPROXIMATE. UNIT SHALL BE SHIFTED AS REQUIRED TO LOCATE IN BETWEEN JOISTS. UNIT SHALL BE PLACED A MINIMUM OF 10'-0" FROM BUILDING EDGE. CONTRACTOR TO COORDINATE DEMO AND INSTALLATION OF NEW UNIT CURBING AS REQUIRED. 7 RUN NEW HWS/HWR ON ROOF DECK BETWEEN (E) ROOF JOISTS BELOW DECK TO DISTRIBUTE WEIGHT. SEE MECHANICAL SPECIFICATION 230540 FOR EXPANSION JOINTS REQUIREMENTS. HYDRONIC FLUID TO BE DRAINED DOWN AS REQUIRED FOR CONSTRUCTION, SAVED, AND STORED IN CONTRACTOR PROVIDED RECEPTACLES. UPON COMPLETION OF PROJECT CONTRACTOR TO REFILL SYSTEM USING STORED FLUID.

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GENERAL NOTES

HVAC AIR INTAKES.

2 IN-LINE PUMPS - CONNECTIONS NTS

TYPICAL PIPING CO TERMINAL UNITS

4 TYPICAL PIPING CONNECTION TO RTU NTS

	\sim	\sim
TAG	LOCATION	SERVES
MZU-5	ROOF	SW WING
AHU-7	ROOF	SW WING
1. BASE BID	EXISTING UN	IT TO REN
2. ALTERNA	TE BID 4.	
3. PROVIDE	WITH SINGLE	POINT W
4. INCLUDES	S EXISTING CU	JRB WEIG
5. PROVIDE	CURB WITH V	IBRATION
6. PROVIDE	UNIT WITH PA	ACKAGE C
7. PROVIDE	WITH FACTO	RY SUPPL
8. HEATING	HOT WATER S	SYSTEM C
9. PROVIDE	FACTORY INS	STALLED V
10. INCLUDE	S WEIGHT OF	CURB.

	SEISMIC		BRATION		FROL								
TAG	EQUIPMENT	LEVEL	RESTRAINTS	BASE	VIBRATION ISOLATOR TYPE	FLEXIBLE CONNECTORS							
RTU-13	PACKAGED ROOFTOP UNIT	ROOF	Y	D	TYPE 3	Y							
AHU-7	AIR HANDLER	ROOF	Y	D	TYPE 4	Y							
P-X	HYDRONIC PUMPS	MECH ROOM	Y	А	TYPE 3	Y							
DUCTWORK	SUPPLY MAIN AND RETURN MAIN FROM AHU-7	1	Y	NA	TYPE 7	Y							
HWS/HWR	PIPING	ROOF	Y	NA	Y	Y							
	RESTRAINTS				BASE TY	PE							
A = ANCHOR			A = ISOLATOR A	ATTACHED T	O EQUIPMENT DIREC	TLY							
AM = ANCHO	R SPECIFIED BY EQUIPMENT MANUFACTURER		B = STRUCTUR	AL STEEL RA	ILS OR BASE								
B = RESTRAII	NING BASE WITH SNUBBER		C = CONCRETE	INERTIA BA	SE								
Y = REQUIRE	D PER SPECIFICATION 23 05 40		D = CURB-MOU	NTED BASE									
		ISOLA ⁻	TOR TYP	Έ									
1. PAD: RUBE	BER, GLASS FIBER		4. RESTRAINED SPRING ISOLATOR										
2. RUBBER IS	OLATOR, FLOOR OR HANGER		5. THRUST RES	TRAINT									
3. SPRING IS	OLATOR, FLOOR OR HANGER		6. AIR SPRING										

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																All	R H/	AND)LIN	IG U	INIT	SCH	HEDU	JLE																		
SERVES	MANUFACTURER/ MODEL	MANUFACTURER/ MODEL TOTAL AN ESP MOTOR DATA		TA	TOTAL	FSP	EXHAUST FAN COOLING CAPACITY ESP MOTOR DATA SENS TOTAL EDB EWB LDB LWB AAT						ΑΑΤ		DEED	HI		FACE	OAT	FAT		HEATIN		VT FLC	WPD	ΤΟΤΑΙ	UNIT ELECTRICAL REQUIREMENTS			FILTERS		UNIT WT.										
		CFM		(" WC)) BHF	P HF	P RPN	1 DRIV	E CFM	(" WC) BHP	HP	RPM	DRIVE	(MBH)	(MBH)	(F)	(F)	(F)	(F)	(F)	EER	REFR	(MBF	Η)	ивн) <u>"</u> ° –	VEL (FPM)	(F)	(F)	LAT (F)	("WC)	(F) (=) (GP	M) (FI	(MBh)	VOLTS	ØM	ICA I	MOCP #	^t SIZE (IN)	MERV	(LBS)
SW WING	MCQUAY / CAH-021	13885	4925	2	11	15	5 1000) -	13000	-	3.75	5	850	-	425	431	83	65	-	-	105	-	NU-22	800	0 640	80	-	-	-	-	-	-		-	-	208	3 23	30.2	300 8	2X24X24 2X12X24	8	10464
SW WING	JCI / SERIES 40 V4 OR	16000	2200	2.25	21.5	4 25	5 895	BELT	T 14500	0.20	9	10	903	BELT	433.8	453.1	78.5	60.2	51.9	49.5	105	10.7	R-410A	_	_	_	1584	0	60	74.1	1.12	180 1	30 30	0 3.5	230.4	208	3 2	268	300 4	2X25X16	8	7550

																АГ				
				SUPP	LY FAN	I				E	XHAUS	T FAN					COOLII	NG CAF	PACITY	-
ERVES	MANUFACTURER/ MODEL	TOTAL		ESP		MOTO	R DAT	Ą	TOTAL	ESP		MOT	OR DAT	A	SENS.	TOTAL	EDB	EWB	LDB	
		CFM	CFM	(" WC)	BHP	HP	RPM	DRIVE	CFM	(" WC)	BHP	HP	RPM	DRIVE	(MBH)	(MBH)	(F)	(F)	(F)	L
W WING	MCQUAY / CAH-021	13885	4925	2	11	15	1000	-	13000	-	3.75	5	850	-	425	431	83	65	-	

APPROVED EQUAL 10000 2200 2.25 21.54 25 895 BELT 14500 0.20 9 10 905 BELT 14500 0.20 9 10 905 BELT 14500 0.20 9 10 905 BELT 14500 6 2X20X25 NIT TO REMAIN.

E POINT WEATHERPROOF GFCI. CURB WEIGHT.

VIBRATION ISOLATION. CURB HEIGHT INCLUDING ISOLATION RAILS SHALL NOT EXCEED 25" AND SHALL BE INSULATED.

PACKAGE CONTROLS. UNIT MUST BE LONWORKS COMPATIBLE. ORY SUPPLIED AIRFLOW MEASURING STATION.

R SYSTEM CONTAINS 30% DOWFROST HD GLYCOL. NSTALLED VFDS.

·······································	۶																								
					C	GAS/E	ELECT	RIC I	PACK	AGED	ROOF	TOP	AIR (CONI	DITIO	NING	UNI	SCH	EDUI	LE					
	2						SUPPI	LY FAN				CO	OLING CA	APACITY			HEA	TING CAPAC	JITY	UNIT	ELECTRICA	L	AIR FILTEF	ίS	UNIT
	TAG	LOCATION	SERVES	MODEL	TOTAL CFM	MIN OA CFM	ESP (IN. WC)	BHP	RPM	MOTOR HP	SENS. (MBH)	TOTAL (MBH)	EDB E (F)	EWB AA (F) (F	AT EER	SYS. KW	INPUT (MBH)	OUTPUT (MBH)	AFUE (%)	REQI	JIREMENTS	MOCP #	SIZE (IN)	MERV	WT. (LBS)
	RTU-13	ROOF	220 STUDENT GOVERNMENT	JCI / SERIES 10 OR APPROVED EQUAL	2850	350	0.87	1.38	881	1.5	63.7	69.6	77.7	58.1 9	5 11.8	5.9	84	66.9	80	208 3	50.10	60 4	4x24x20	13	1420
	1. UNIT T	D BE PROVIDE	ED IN BASE BID ONLY	. IF ALTERNATE BID IS AC	CEPTED BA	SE BID UN	IT WILL NO	T BE INST	ALLED.					ł	L.				,	·	<u> </u>	<u> </u>	<u> </u>	i	

2. PROVIDE WITH PACKAGE CONTROLS. CONTROLS MUST BE LONWORKS COMPATIBLE. 3. PROVIDE WITH INSULATED 8" CURB.

4. PROVIDE WITH LOW AMBIENT KIT. 5. PROVIDE WITH POWER EXHAUST.

6. PROVIDE FACTORY INSTALLED VFD. 7. PROVIDE WITH SINGLE POINT WEATHERPROOF GFCI.

							VA	/ TERMINA	L UN	IT SC		DUL	.E								
TAG	MANUFACTURER /	AREA SERVED	UNIT SIZE		CFM				HW	COIL	1			[OUTLET SIZE	WEIGHT	LINER	MAX.	MAX.	NOTES
	MODEL			MAX	MIN HEA	TEA	T LAT MB	FROM TRACE HIDE	EWT	LWT	ROWS	FPD	GPM	BRANCH SIZE					RADINC	DIS NC	_
TU-1B	PRICE/SDV5	FOOD BANK	9	950	300 -	-			-	-	-	-	-	-	0.5	14x12.5	60	GLASS	20	20	1
TU-1A	PRICE/SDV5	WEST OFFICES	9	950	285 950	55	5 85 37	37	180	152.1	2	1.58	2.76	7/8	0.5	14x12.5	300	FIBER GLASS	20	20	2,3,4
TU-2A	PRICE/SDV5	NORTH BOOKSTORE	16	3600	1080 3600	55	5 85 70	67	180	159.6	1	7.53	7.13	1/2	0.5	24x18	50	FIBER GLASS	20	20	2,3,5
TU-3A	PRICE/SDV5	SOUTH BOOKSTORE	16	3200	960 1600	55	5 85 50	44	180	163.70	1	6.19	6.39	1/2	0.5	24x18	50	FIBER GLASS	20	20	2,3,4
TU-4A	PRICE/SDV5	EAST OFFICES	7	525	160 250	55	5 85 8	2.5	180	162	1	0.72	0.91	1/2	0.5	12x10	22	FIBER GLASS	20	20	2,3,5
TU-5A	PRICE/SDV5	MAIN ENTRANCE	16	3805	1145 3000	55	5 85 65	64	180	160.4	1	7.10	6.89	1/2	0.5	24x18	50	FIBER GLASS	20	20	2,3,5
TU-6A	PRICE/SDV5	EAST BOOKSTORE	9	1200	360 700	55	5 85 23	23	180	129	1	0.32	1.00	1/2	0.5	14x12.5	28	FIBER GLASS	20	20	2,3,5
TU-7A	PRICE/SDV5	OPEN OFFICE	12	1800	540 600	55	5 85 15	13.5	180	155.6	1	0.26	1.27	1/2	0.5	16x15	34	FIBER GLASS	20	20	2,3,5
TU-8A	PRICE/SDV5	FOOD BANK	8	880	270 450	55	5 85 10	2	180	158.3	1	0.78	0.95	1/2	0.5	12x10	22	FIBER GLASS	20	20	2,3,5

1. BASE BID. 2. ALTERNATE BID.

3. HEATING WATER SYSTEM IS 30% DOWFROST HD GLYCOL. 4. PROVIDE WITH 3-WAY VALVE. 5. PROVIDE WITH 2-WAY VALVE.

DEFLECTION (IN) SEISMIC SUPPORTS ARE REQUIRED FOR THIS PROD. ELECTRICAL EQUIPMENT AND DISTRIBUTION SYSTE CALCULATIONS OF EQUIPMENT TO THE STRUCTURE BASED ON INDEPENDENT TESTING ARE PREFERENCE 0.75 0.75 BASED ON INDEPENDENT TESTING ARE PREFERENCE 0.75 0.75 BASED ON INDEPENDENT TESTING ARE PREFERENCE 0.75 0.75 REGISTERED PROFESSIONAL ENGINEER LICENSED 0.75 0.75 REGISTERED PROFESSIONAL ENGINEER LICENSED 0.75 0.75 DETAIL ANCHORING METHODS, BOLT DIAMETER, EN APPLICATIONS. 0.75 DETAIL ANCHORING METHODS, BOLT DIAMETER, EN APPLICATIONS. NA ALL SEISMIC RESTRAINT DEVICES SHALL BE DESIG THE FORCES PRESCRIBED PER THE ASCE 7.05 ACT CENTER OF GRAVITY. OVERTURNING MOMENTS M LEVEL AND MAY BE RESISTED BY SEISMIC RESTRA ANCHORAGE TO CONCRETE USING THA 2MORE AND CONST OF CONTROLOGY OF CONCRETE USING THA 2MORE AND CONST OF THE REQUIREMENTS OF THE 2015 BC AND MUST BI THE REQUIREMENTS OF THE 2015 BC AND MUST BI CACKED CONCRETE USING THA 2MORPORIATE RE APPENDIX D. ACCEPTABLE ANCHORS INCLUDE TH STRONG BOLT WEDGE ANCHORS NUCLED TH THE REQUIREMENTS OF THE 2015 BC AND MUST BI THE REQUIREMENTS OF THE 2015 BC AND MUST BI COMPONENT RESPONSE ACCEPTABLE FOR U ANCHORS. EPOXIES ARE NOT ACCEPTABLE FOR U SEISMIC DESIGN CATEGORY 10 SITE CLASS "D" SEISMIC DESIGN CATEGORY 11 SITE CLASS "D" SEISMIC DESIGN CATEGORY 12 SITE CLASS "D" SEISMIC DESIGN SPECTRAL RESPONSE ACCELERATION AT SDS = 0.342 G. DESIGN SPECTRAL RESPONSE ACCELERATION AT SDS = 0.342 G. DESIGN SPECTRAL RESPONSE ACCELERATION AT SDS = 0.342 G. DESIGN SPECTRAL RESPONSE ACCELERATION AT SDS = 0.179 G. 1 CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF 2 NR=NOT REQUIRED, NA=NOT APPLICABLE 3 PIPING TO BE BRACED LATERA			
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 ³ PIPING TO BE BRACED LATERALLY A MINIMUM OF E EVERY 80' REGARDLESS OF SEISMIC REQUIREMENT ⁴ SEE SPECIFICATION SECTION 23 05 40 FOR DESCRI BASES, ISOLATORS, AND RESTRAINTS. 5 ALL PIPING GREATER THAN 1" MUST BE RESTRAINE 6 NR=NOT REQUIRED, NA=NOT APPLICABLE 7 EQUIPMENT VENDOR TO DETERMINE DEFLECTION 			1 CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF 2 NR=NOT REQUIRED, NA=NOT APPLICABLE
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 5 ALL PIPING GREATER THAN 1" MUST BE RESTRAINE 6 NR=NOT REQUIRED, NA=NOT APPLICABLE 7 EQUIPMENT VENDOR TO DETERMINE DEFLECTION 			⁴ SEE SPECIFICATION SECTION 23 05 40 FOR DESCRI BASES, ISOLATORS, AND RESTRAINTS.
7 EQUIPMENT VENDOR TO DETERMINE DEFLECTION			5 ALL PIPING GREATER THAN 1" MUST BE RESTRAINE 6 NR=NOT REQUIRED, NA=NOT APPLICABLE
			7 EQUIPMENT VENDOR TO DETERMINE DEFLECTION
			1

SEISMIC RESTRAINT PROVISIONS

SUPPORTS ARE REQUIRED FOR THIS PROJECT FOR ALL MECHANICAL AND CAL EQUIPMENT AND DISTRIBUTION SYSTEMS. SEISMIC RESTRAINT IONS MUST BE PROVIDED BY THE PRODUCT MANUFACTURER FOR ALL TIONS OF EQUIPMENT TO THE STRUCTURE. ALL RESTRAINING DEVICES SHALL TING DATA TO VALIDATE MAXIMUM RESTRAINT RATINGS. PREAPPROVALS INDEPENDENT TESTING ARE PREFERRED TO PREAPPROVALS BASED ON ATIONS. CALCULATIONS (INCLUDING THE COMBINING OF TENSILE AND SHEAR TO SUPPORT SEISMIC RESTRAINT DESIGNS MUST BE STAMPED BY A RED PROFESSIONAL ENGINEER LICENSED IN CO. THE ENGINEERING ANALYSIS DICATE CALCULATED DEAD LOADS, STATIC SEISMIC LOADS, AND CAPACITY OF LS UTILIZED FOR CONNECTIONS TO EQUIPMENT STRUCTURE. ANALYSIS MUST NCHORING METHODS, BOLT DIAMETER, EMBEDMENT, AND/OR WELDED LENGTH.

MIC RESTRAINT DEVICES SHALL BE DESIGNED TO ACCEPT, WITHOUT FAILURE, CES PRESCRIBED PER THE ASCE 7-05 ACTING THROUGH THE EQUIPMENT OF GRAVITY. OVERTURNING MOMENTS MAY EXCEED FORCES AT GROUND ID MAY BE RESISTED BY SEISMIC RESTRAINTS, SUPPORT, OR ANCHORAGE. AGE TO CONCRETE MUST HAVE AN ICC TESTING REPORT THAT ADHERES TO JIREMENTS OF THE 2015 IBC AND MUST BE RATED FOR SEISMIC RESTRAINT IN CONCRETE USING THE APPROPRIATE REDUCTION FACTORS PER ACI 318 (D. ACCEPTABLE ANCHORS INCLUDE THE HILTI KWIK BOLT TZ AND SIMPSON BOLT WEDGE ANCHORS OR HILTI HIT-RE 500-SD AND SIMPSON SET XP EPOXY EPOXIES ARE NOT ACCEPTABLE FOR USE IN OVERHEAD APPLICATIONS.

ASCE 7-10 SEISMIC DESIGN CRITERIA

	SEISMIC DESIGN CATEGORY "C"	
	RISK CATEGORY CATEGORY II	
	SITE CLASS "D"	
	SEISMIC IMPORTANCE FACTOR FOR BUILDING, I $_{e}$ = 1.0	
	COMPONENT RESPONSE MODIFICATION AND AMPLIFICATION FACTORS	
	SHALL BE DETERMINED IN ACCORDANCE WITH ASCE 7-10, TABLE 13.6-1.	
	DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS (0.2 SECOND):	
	SDS = 0.342 G.	
	DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD:	
	SD1 = 0.179 G.	
	NOTES	
	NOTES	
1	CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT	
1 2	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE	-
1 2 3	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE PIPING TO BE BRACED LATERALLY A MINIMUM OF EVERY 40' AND LONGITUDINALLY	
1 2 3	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE PIPING TO BE BRACED LATERALLY A MINIMUM OF EVERY 40' AND LONGITUDINALLY EVERY 80' REGARDLESS OF SEISMIC REQUIREMENTS.	
1 2 3 4	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE PIPING TO BE BRACED LATERALLY A MINIMUM OF EVERY 40' AND LONGITUDINALLY EVERY 80' REGARDLESS OF SEISMIC REQUIREMENTS. SEE SPECIFICATION SECTION 23 05 40 FOR DESCRIPTION AND REQUIREMENTS OF	
1 2 3 4	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE PIPING TO BE BRACED LATERALLY A MINIMUM OF EVERY 40' AND LONGITUDINALLY EVERY 80' REGARDLESS OF SEISMIC REQUIREMENTS. SEE SPECIFICATION SECTION 23 05 40 FOR DESCRIPTION AND REQUIREMENTS OF BASES, ISOLATORS, AND RESTRAINTS.	
1 2 3 4 5	NOTES CONCRETE PAD MASS TO EQUAL AT LEAST 75% OF EQUIPMENT NR=NOT REQUIRED, NA=NOT APPLICABLE PIPING TO BE BRACED LATERALLY A MINIMUM OF EVERY 40' AND LONGITUDINALLY EVERY 80' REGARDLESS OF SEISMIC REQUIREMENTS. SEE SPECIFICATION SECTION 23 05 40 FOR DESCRIPTION AND REQUIREMENTS OF BASES, ISOLATORS, AND RESTRAINTS. ALL PIPING GREATER THAN 1" MUST BE RESTRAINED	

				V	ARIAE	BLE FI	REQU	ENCY	DRIVE S	CHEDU	ILE				
		EQUIPMENT	MANUFACTURER /		МОТО	R DATA		BVPASS		CONTROL	NEMA	SIMULT.	CONTACTOR	INPUT LINE	OUTPUT LI
TAG	LOCATION	SERVED	MODEL	MOTOR QTY	MOTOR HP EA	TOTAL FLA	VOLTS/ PH	(Y/N)	FUSES (Y/N)	INTERFACE	ENCLOSURE	MOTOR OPER. (Y/N)	SELECTOR (Y/N)	REACTOR (Y/N)	REACTOR (Y/N)
VFD-1	MECH ROOM	P-1	ABB / ACS550	1	10	30.8	208 / 3	N	Y	LON	1	N	Y	Y	Y
VFD-2	MECH ROOM	P-2	ABB / ACS550	1	10	30.8	208 / 3	N	Y	LON	1	N	Y	Y	Y
1. VFDS F 2. WIRING 3. MOUNT	URNISHED BY CONTF AND LOCAL DISCON VFDS TO EXISTING F	ROLS CONTRACTOR, NECT PROVIDED BY I FRAME IN MECHANICA	INSTALLED BY ELECTRIC ELECTRICAL CONTRACTO AL ROOM.	AL CONTRAC DR.	CTOR.										-

	ELECTRIC DUCT HEATER SCHEDULE														
TAG	LOCATION	SERVES	MANUFACTURER /	CFM		DUCT DIME	NSIONS (IN)	S	UPPLY LINE		NO. (HEATI				
						W (WIDTH)	H (HEIGHT)	KW	VOLTS	PHASE	STAG				
EDH-1	PLENUM	PRIDE AND GOLBAL OFFICES	MARKEL/SERIES HF	1240	690	16	16	13.5	208	3	2				
EDC-2	PLENUM	GLOBAL DEAN OFFICE	MARKEL/SERIES HF	580	580	12	12	6	208	3	2				
EDC-3	PLENUM	RECEPTION AREA	MARKEL/SERIES HF	275	490	10	8	3	208	3	2				
EDC-4	PLENUM	NORTH OFFICES	MARKEL/SERIES HF	345	495	10	10	4	208	3	2				
EDC-5	PLENUM	GLOBAL OFFICES AND CONFERENCE ROOM	MARKEL/SERIES HF	2925	900	26	18	30	208	3	3				
EDC-6	PLENUM	WEST OFFICES AND MEDITATION ROOM	MARKEL/SERIES HF	585	650	12	12	6	208	3	2				

1. EXISTING TO REMAIN.

							DIFFU					
				GRILLI	<u>=3, Reg</u>	191 EK2	, DIFFU	SEK2	<u>SCHE</u>	DULE		
					GRILLE	NECK	PANEL	THROW	DAMPER		FRAME	
	TAG	TYPE	MFR	MODEL	SIZE	SIZE	SIZE	PATTERN	TYPE	MATERIAL	STYLE	FINISH
	1S	SUPPLY	PRICE	SPD	24x24	6"Ø	24x24	4-WAY	-	STEEL	T-BAR	B12
	2S	SUPPLY	PRICE	SPD	24x24	8"Ø	24x24	4-WAY	-	STEEL	T-BAR	B12
	3S	SUPPLY	PRICE	SPD	24x24	12"Ø	24x24	4-WAY	-	STEEL	T-BAR	B12
	4S	SUPPLY	PRICE	SPD	24x24	14"Ø	24x24	4-WAY	-	STEEL	T-BAR	B12
	5S	SUPPLY	PRICE	SDS100	48"	10"Ø	-	4 SLOT	-	STEEL	LAY-IN	B12
	6S	SUPPLY	PRICE	SDS100	60"	10"Ø	-	4 SLOT	-	STEEL	LAY-IN	B12
	7S	SUPPLY	PRICE	SDS100	48"	10"Ø	-	2 SLOT	-	STEEL	SURFACE	B12
	8S	SUPPLY	PRICE	SDS100	60"	10"Ø	-	3 SLOT	-	STEEL	SURFACE	B12
	9S	SUPPLY	PRICE	PRODIGY	24x24	10"Ø	24x24	4-WAY	-	STEEL	SURFACE	B12
	-105	SUPPLY	PRICE	PRODIGY	24x24	12"0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4-WAY		SIEEL	SUREACE	~B12~~
/2 {	11S	SUPPLY	PRICE	SDS100	48"	10"Ø	-	4 SLOT	-	STEEL	SURFACE	B12
— (m	mm	mm	mm	mm	mm	mm	mm	m	mm	mm	mm
	1R	RETURN	PRICE	510/TB/L	24x12	24x12	24x12	-	-	STEEL	T-BAR	B12
	2R	RETURN	PRICE	510/TB/L	24x24	24x24	24x24	-	-	STEEL	T-BAR	B12
	3R	RETURN	PRICE	SDS	48"	-	-	2 SLOT		STEEL	SURFACE	B12
	4R	RETURN	PRICE	SDS	60"	-	-	2 SLOT		STEEL	SURFACE	B12

2. 1" SLOT SPACING AND SDA PLENUM. 4. UNIT TO BE PROVIDED UNDER ALTERNATE BID 2 ONLY

1. PLENUM RETURN.

	PUMP SCHEDULE														
		MOT	OR ELEC	TRICAL DATA											
TAG	LOCATION	SYSTEM SERVED	MANUFACTURER / MODEL	PUMP TYPE	FLUID	FLOW (GPM)	PD (FT HD)	SPEED (RPM)	HP	VOLTS	PH	WEI			
P-1	MECHANICAL ROOM	HEATING WATER	ARMSTRONG / 4300-3-3-10	VERTICAL SPLIT CASE	30% PG	260	90	1800	10	208	3	33			
P-2	MECHANICAL ROOM	HEATING WATER	ARMSTRONG / 4300-3-3-10	VERTICAL SPLIT CASE	30% PG	260	90	1800	10	208	3	33			
1. PROVID	ROVIDE WITH 9.85 IN IMPELLER.														

R	AI	ANALOG INPUT
SSURE SENSOR	C	COMMON
SENSOR		CHILLED WATER RE CHILLED WATER SU
E ACTUATOR	DDC DI DO	DIRECT DIGITAL CO DIGITAL INPUT DIGITAL OUTPUT
E RELAY	EA EMCS	EXHAUST AIR ENERGY MANAGEM & CONTROL SYSTE
ISOR	EXH HWR	EXHAUST HOT WATER RETUR
NSOR W/SUN SHIELD IR) SWITCH DISTAT LATING RH SENSOR	HWS N.C. N.O. OSA RA SA SIIC	HOT WATER SUPPL NORMALLY CLOSED NORMALLY OPEN OUTSIDE AIR RETURN AIR SUPPLY AIR SMART II CONTROL

_				
	ADJ	ADJUSTABLE	P	PNEUMATIC ACTUATOR
	AFMS	AIR FLOW MEASURING STATION		
	AIM	ANALOG INPUT ALARM		AIR FLOR MEASURING STATI
	AO	ANALOG OUTPUT		CURRENT SENSOR
	AVG	AVERAGE/AVERAGING		
	В	BOILER		DAMPER - BACKDRAFT
	BAS	BUILDING AUTOMATION SYSTEM	++++	DAMPER - OPPOSED
	CAV	COOLING COIL	++++	
	CH	CHILLER		
	CS	CURRENT SWITCH	-	DDC CONTROL POINT
	CT	CURRENT TRANSDUCER/	Μ	MOTOR ACTUATOR
				ELECTRICAL FEEDERS
	DEM	DIGITAL ENERGY MONITOR		END SWITCH
	DMPR	DAMPER		
	DO			HUMIDIFIER
		DIFFERENTIAL PRESSURE TRANSDUCER		INLET VANES
	DX	DIRECT EXPANSION		MOTOR
	EA	EXHAUST AIR		WOTOR
	EF	EXHAUST FAN		MANUAL MOTOR STARTER
	EH			
	ES F	END SWITCH FAN		
	HPS	HIGH PRESSURE SWITCH	-\$	STARTER
	HX	HEAT EXCHANGER	L	
	LPS	LOW PRESSURE SWITCH		
	LTD	LOW TEMPERATURE DETECTOR	-	SWITCH - SENSOR
	M		(-)	SENSOR
	NC	NORMALLY CLOSED	\sim	
	OA	OUTSIDE AIR	(-)	SENSOR WITH SUN SHIELD
	000	OCCUPANCY	S	SOLENOID
	P	PRESSURE/PUMP		
	RA			STRAP-UN SENSUR
	RF	RETURN FAN	R	RELAY
	RFP	REMOTE FIELD PANEL		
	RH	RELATIVE HUMIDITY		RIGID SENSOR
	SA	SUPPLY AIR		VALVE 2-WAY
	SC			VALVE 3-WAY (COMMONUS S
	T	TEMPERATURE		
	TEC	TERMINAL EQUIPMENT CONTROLLER		WELL SENSOR
	VAV	VARIABLE AIR VOLUME		WHIP SENSOR
	VFD			
				VORTEX FLOW SENSOR
_			I	

3 VENT THRU ROOF

PLUMBING FIXTURE SCHEDULE PLUMBING ROUGH-IN CONNECTIONS POWER REQ'TS FIXTURE DESCRIPTION SUPPLIES TRAP DIRECT WASTE VENT IND. WASTE CW 120F HW 140F HW VOLTS Ø MCA MOCP TAG TYPE MFR TRIM FIXTURE - - - - 1 P1-1 SINK, COUNTERMOUNT ELKAY LRAD2219 MOEN 8225SMF1.5 BASKET STRAINER P-TRAP 1-1/2" 1/2" 1/2" 1. 4" SMOOTH METAL HANDLES, 8" GOOSENECK SPOUT, AND 1.5 GPM LAMINAR FLOW OUTLET. ELECTRIC WATER HEATER SCHEDULE

					CONNE	CTIONS							
TAG	LOCATION	SERVES	MODEL		CW			WATTS		OVVL		WEIGHT (LBS)	NC
			MODEL		0,00	1100			VOLT	Ø	BREAKER AMPS		
WH-1	UNDERSINK	MEDITATION ROOM SINK	CHRONOMITE SR-40	STORAGE ELECTRIC	3/8	3/8	110	8320	120	1	40	5	
WH-2	UNDERSINK	MEDITATION ROOM SINK	CHRONOMITE SR-40	STORAGE ELECTRIC	3/8	3/8	110	8320	120	1	40	5	
1. EXISTING.			_										
2. EXISTING.	PROVIDE TO OWN	NER FOR REUSE	=.										

		LIGH	TING C	ONTROL SCHEDULE]		GENERAL LIGHTING
	SYMBOL					\$x	WALL SWITCH:
	\$	CONTROLLED RECEPTACLE		RS DENOTES (1) CONTROL RELAYS.	-		X = AS FOLLOWS: 3 - THREE-WAY
	LCM1	MODULE. LIGHTING CONTROL MODULE	NUMBEF	R DENOTES (1) CONTROL RELAY	-		4 - FOUR-WAY D - DIMMER
	LDM1	LIGHTING DIMMING MODULE	NUMBER	R DENOTES (1) CONTROL RELAY AND (1) 0-10V DIMMING RELAY	1		LV - LOW-VOLTAGE
	LDM2		NUMBER	R DENOTES (2) CONTROL RELAY AND (2) 0-10V DIMMING RELAY			M - MOTOR STARTER
	LDM3	LIGHTING DIMMING MODULE	NUMBER	R DENOTES (3) CONTROL RELAY AND (3) 0-10V DIMMING RELAY	-		O - OCCUPANCY SENS P - PILOT LIGHT
		LV LIGHTING CONTROL STATION	SINGLE	ZONE CONTROL STATION, ON/OFF, RAISE/LOWER IN A SINGLE GANG	-		WP - WEATHERPROOF a - LOWER-CASE INDI
		LV LIGHTING CONTROL STATION	DIMMED	CONTROL STATION, ON/OFF, RAISE/LOWER IN A MAXIMUM 2-GANG		\$	
				- LOWER CASE LETTER DENOTES ZONES TO BE CONTROLLED OR		♥ 	
		LV LIGHTING CONTROL STATION	LOWER (4) ZONE	CASE LETTER DENOTES CONTROL ZONES TO BE CONTROLLED CONTROL STATION, ON/OFF, RAISE/LOWER IN A MAXIMUM 2-GANG	-		TIME CLOCK LIGHTING
	4			- LOWER CASE LETTER DENOTES ZONES TO BE CONTROLLED OR			CONTROL PANEL
		LV LIGHTING CONTROL STATION	LETTER DUAL TE RAISE/L	DENOTES ZONES TO BE CONTROLLED OR DIMMED CH WALL MOUNTED OCCUPANCY SENSOR SWITCH WITH ON/OFF, DWER CAPABILITIES			LIGHT FIXTURE IN DAYLIGHT ZO (WITHIN 15' OF WINDOW)
	8	OCCUPANCY SENSOR - CEILING MOUNTED PHOTOCELL - CEILING MOUNTED	dual te and she dual te	CHNOLOGY. LOCATE PER MANUFACTURER'S RECOMENDATIONS OP DRAWINGS. CHNOLOGY. LOCATE PER MANUFACTURER'S RECOMENDATIONS		R XXX:X	LIGHTING CONTROL PANEL REL
	SUBSCRIPT "3" THREE W	 DENOTES: /AY "P" PILOT-LI	JAND SHO	DP DRAWINGS.	J		
	"4" FOUR WA "K" KEYED "D" SOLID ST "M" MOMENT	AY "T" TIMER S "OS" OCCUF FATE DIMMER "VS" VAC FARY CONTACT	WITCH PANCY M ANCY M	DDE DDE			
		SECURITY	AND D	OOR ACCESS SCHEDULE]		
	SYMBOL HCR	PROXIMITY CARD READER	PROVID	NOTES E ROUGH-IN AT +44" AFF. 2 GANG BOX WITH 1G RING, 3/4"C. STUB-UP ILING. OFOI CONTROLLER. PROVIDE (1) CAT 6 TO NETWORK.	-		
	SUBSCRIPT "C" CEILING "WG" WIRE C	DENOTES: MOUNTED. GUARD.			-		
		TELECOMM	UNICA	TIONS OUTLET SCHEDULE]		
	SYMBOL	DESCRIP	TION RT 1-PO	NOTES RT ACTIVE 1-PORT SUBCRIPT DENOTES NUMBER OF ACTIVE	-		
		BLANK, (1) CAT 6A CABLE VOICE/DATA OUTLET, TOTAL OF 2-PC	RTS,2-PC	PORTS PRT ACTIVE, (2) CAT 6A SUBCRIPT DENOTES NUMBER OF ACTIVE	-		
	↓ ³	CABLE VOICE/DATA OUTLET, TOTAL OF 4-PC BLANK, (3) CAT 6A CABLES	RTS, 3-P	DRTS ACTIVE, 1-PORTS DRTS ACTIVE, 1-PORTS PORTS	1		
	₫	WIRELESS ACCESS POINT, TOTAL OF (1) CAT 6A CABLE.	1-PORT	INSTALL DATA OUTLET ABOVE ACCESSIBLE CEILING WITH 10'-0" SERVICE LOOP.]		
	NOTE: SEE FLOOR	BOX, DATA, CLOCK AND A/V SCHEDU	_E FOR A	DDITIONAL VOICE/DATA DROPS.			
	SUBSCRIPT "A" ABOVE ("B" RECEPT	DENOTES: COUNTER, BOTTOM OF DEVICE TO BE ACLE BELOW COUNTER +18".	2" Abov	E TOP OF COUNTER OR BACKSPLASH.			
{		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim				
۲ ۲	SYMPOL		OOR B				
Z	FB1	CONNECTRAC 2.7 UNDER (2) DPL) CARPET WIREWAY NOTED	(REC, (2)	T2 DATA, AV DEVICES AS 2,4	}		
}		PS-2.7-QD-XXX.]]		
ł	NOTES: 1. PROVIDE 2. PROVIDE	ON GRADE RATED BOX. FOR LEVEL	I. R DATA /	ND (1) 1"C. FOR A/V (AS REQUIRED) TO EACH) }		
}	BOX, UNL 3. PROVIDE	LÉSS OTHERWISE NOTED. (1) 3/4"C. FOR POWER, (1) 1-1/4"C. FO VITH KEYNOTE ON ELECTRICAL SHEE	R DATA, T FOR TH	UNLESS OTHERWISE NOTED.			
Ę		IS PROVIDED.			کې		
		DI			1		
	SYMBOL	DESCRIPTION		NOTES			
	₩	DOUBLE DUPLEX RECEPTACLE - WAI MOUNTED	L	TAMPER RESISTANT IN AREAS NOTED.	-		
		MOUNTED SWITCHED.		NON-SWITCHED.	-		
	\$	WALL MOUNTED DUPLEX RECEPTACLE - CEILING MOU	INTED	TAMPER RESISTANT IN AREAS NOTED.	-		
	F G G	DUPLEX RECEPTACLE - WALL MOUN GFCI	red -	TAMPER RESISTANT IN AREAS NOTED. (1) STANDARD CONTROLLED DUPLEX WITH A GFCI MODULE IN 2 GANG BOX.			
	⊨ ∰	DUPLEX RECEPTACLE - WALL MOUNT SWITCHED	TED -	TAMPER RESISTANT IN AREAS NOTED. HALF SWITCHED, AND HALF NON-SWITCHED DUPLEX.			
	Ю	MOUNTED	_		J		
	SUBSCRIPT "A" ABOV "C" RECEI	DENUTES: E COUNTER, BOTTOM OF DEVICE TO PTACLE INSTALLED IN CEILING	BE 2" AB	OVE TOP OF COUNTER OR BACKSPLASH			
	"G" GROU "TK" DENO	IND FAULT CIRCUIT INTERRUPT TES HORIZONTAL IN TOE KICK BASE TES LISE DEVICE					
	"WP" WEAT	HER-PROOF IN-USE COVER. SEE SPE	CIFICATI	DN 26 27 26			
		F	IRE AL	ARM SCHEDULE]		
	Image	DESCRIPTION FIRE ALARM PANEL	"FACP" [NOTE DENOTES FIRE ALARM CONTROL PANEL.			
			"FAA" DE "NAC" D "SAP" ST	NOTES FIRE ALARM ANNUCIATOR. ENOTES FIRE ALARM EXTENDER PANEL. PRINKLER ALARM PANFI			
			"LOC" LO	DCAL OPERATOR CONTROL. QUID CRYSTAL DIODE DISPLAY.			
	F	MANUAL PULL STATION WALL MOUNTED	INGA" N PROVID	E I WORK GRAPHIC ANNUNCIATOR. E STI STOPPER COVER	1		
	<u>s</u>	HORN/STROBE WALL MOUNTED]		
		WALL ROX	ES SC	HEDULE			
	SYMBOL			ESCRIPTION NOTES			
	WB1	гък #PWB-100 (1) 1/2 СО (1) HDMI	IN I ROLLE	D DUPLEX REC, (1) 12 DATA, 1, 2			
	NUTES: 1. PROVIDE 2. PROVIDE	ON GRADE RATED BOX. FOR LEVEL (1) 3/4"C. FOR POWER, (1) 1-1/4"C. FC	1. R DATA /	ND (1) 1"C. FOR A/V (AS REQUIRED) TO EACH			
	BOX, UNI 3. PROVIDE	ESS OTHERWISE NOTED. (1) 3/4"C. FOR POWER, (1) 1-1/4"C. FC	R DATA,	UNLESS OTHERWISE NOTED.			

SYMBOLS	GENERAL LIGHTING SYMBOLS		ABBREVIATIONS	
	LUMINAIRE:	CIRCUIT HOMERUN		E-002 GENERAL ELECTRICAL NOTES
	ID = FIXTURE TYPE	CONCEALED CONDUIT	AC AIR CONDITIONING UNIT AFF ABOVE FINISH FLOOR	ED101 LEVEL 01 - ELECTRICAL DEMO PLAN
	x = SWITCH ASSOCIATION	LOW VOLTAGE CABLE	AHJ AUTHORITY HAVING JURISDICTION AHU AIR HANDLING UNIT	EP110 LEVEL 01 - POWER PLAN
	2'x4' RECESSED LUMINAIRE	CONDUIT SLEEVE THRU WALL ABOVE CEILING, QUANTITY AND SIZE AS NOTED	AL ALUMINUM ARCH ARCHITECT(URAL)	EP111 ELECTRICAL ROOF PLAN ET110 LEVEL 01 - SYSTEMS PLAN
		CONDUIT STUBOUT OR STUBUP INTO ACCESSIBLE CEILING SPACE	BFP BACKFLOW PREVENTOR BKBD BACKBOARD	E-401 LEVEL 01 - ALTERNATES
STER			CAB CABINET	E-501 ELECTRICAL DETAILS E-600 ONE-LINE DIAGRAM
WITH OVERLOADS			CB CIRCUIT BREAKER	E-701 LIGHTING SCHEDULE
ISOR		STUB-UP LOCATION	CCTV CLOSED CIRCUIT TELEVISION	E-711 MECHANICAL EQUIPMENT SCHEDULE E-721 ELECTRICAL PANEL SCHEDULES
	2'x2' RECESSED LUMINAIRE, EMERGENCY	—— – – — UNDERGROUND COMMUNICATIONS CONDUIT	CKT CIRCUIT CONC CONCRETE	E-722 ELECTRICAL PANEL SCHEDULES
ICATES SWITCHING CNTRL			COND CONDUCTOR C CONDUIT	
	2'x4' RECESSED LUMINAIRE		CO CONDUIT ONLY CONN CONNECTION	
			CONTR CONTRACTOR COORD COORDINATE	
	2 X4 RECESSED LUWINAIRE, EWERGENCT		CU COPPER OR CONDENSING UNIT	
			CONTROLLER DISCRET DISTRICT CONTROLLER	
		KEYED NOTE IDENTIFIER, SEE KEYED NOTES	DEMARC DEMARCATION	
	O 2'x4' SURFACE-MTD LUMINAIRE	EQUIPMENT IDENTIFIER, SEE EQUIPMENT SCHEDULES	DISC DISCONNECT SWITCH ELEC ELECTRIC(AL)	
DNE		DOOR IDENTIFICATION SYMBOL	EWC ELECTRIC WATER COOLER EF EXHAUST FAN	
	2'x4' SURFACE MTD LUMINAIRE, EMERGENCY		EXP EXPLOSION PROOF EXT EXTERIOR	
LAY CALLOUT			FA FIRE ALARM	
			FLR FLOOR FLR FLOOR	
	1'x4' RECESSED LUMINAIRE, EMERGENCY		FUEL FUEL DAMPER FUEL FUEL UNDER OTHER CONTRACT	
			GND GROUND	
	1'X4' SURFACE MTD LUMINAIRE	GENERAL ELECTRICAL SYMBOLS	GFI GROUND FAULT INTERRUPTER HOA HAND-OFF-AUTO	
			HP HORSEPOWER OR HEAT PUMP HWH HOT WATER HEATER	
	1'X4' SURFACE MTD LUMINAIRE, EMERGENCY	LIGHT FIXTURE WITH BATTERY BACKUP	IDF INTERMEDIATE DISTRIBUTION FRAME	
	PENDANT-MTD/SUSPENDED LUMINAIRE	LIGHT FIXTURE WITH BATTERY BACKUP	JB JUNCTION BOX	
		MAIN SERVICE AND DISTRIBUTION EQUIPMENT	KVA KILOVOLT-AMPERE(S)	
	PENDANT-MTD/SUSPENDED LUMINAIRE, EMERGENCY	BRANCH CIRCUIT PANEL	MDF MAIN DISTRIBUTION FRAME	
		LIGHTING CONTROL RELAY PANEL	MDS MAIN DISTRIBUTION SWITCHBOARD MRF MANUFACTURER	
		TRANSFORMER	MC MOMENTARY CONTACT MOA MULTIPLE OUTLET ASSEMBLY	GENERAL NOTES:
			MS MANUAL STARTER MSGB MAIN SERVICE GROUND BUSBAR	1. UNLESS OTHERWISE NOTED, DEVICE MOUNTING HEIGHTS MEASURED TO THE BOTTOM OF T
	-		MTGB MAIN TELECOM GROUND BUSBAR MT(D) MOUNT(ED)	BE AS FOLLOWS: RECEPTACLES & SYSTEMS OUTLETS +16" AFF SWITCHES & CONTROL DEVI CLOCKS - SEE INTERIOR ELEVATIONS OR AS NOTED. 'A' DENOTES ABOVE COUNTER, COORD
	STRIP LIGHTING LUMINAIRE			WITH CASEWORK AND GENERAL CONTRACTOR.
			NL NIGHT LIGHT (DUSK TO DAWN OPERATION)	2. ALL BRANCH CIRCUITS SHALL INCLUDE A DEDICATED NEUTRAL AND A GREEN INSULATED EC
			NTS NOT TO SCALE	
	CEILING-MTD DIRECTIONAL LUMINAIRE		NC NORMALLY CLOSED	3. MINIMUM WIRE SIZE TO BE #12 AWG UNLESS OTHERWISE NOTED.
			OC ON CENTER(S) OFCI OWNER FURNISHED, CONTRACTOR INSTALLED	4. UNLESS OTHERWISE NOTED, REFERENCE 200519 FOR BRANCH CIRCUIT WIRING AND VOLTAG COMPENSATION REQUIREMENTS.
	CEILING-MTD LUMINAIRE		OFOI OWNER FURNISHED, OWNER INSTALLED OH OVERHEAD	5. ALL EXPOSED (OPEN) CABLE ABOVE CEILINGS SHALL BE PLENUM RATED.
		L CONTROL DEVICE	OS&Y OS&Y VALVE PDU POWER DISTRIBUTION UNIT	6. NOT USED.
		P PULL BOX	PB PUSHBUTTON PIV POST INDICATOR VALVE	7. PROVIDE THE QUANTITY OF CONDUCTORS REQUIRED TO PROVIDE POWER AND CONTROL C
	HO WALL-MTD LUMINAIRE	SURGE PROTECTION DEVICE	PRI PRIMARY PVC POLYVINYL CHLORIDE	FIXTURES, BATTERY CHARGING, AND OTHER APPLICATIONS TO MEET THE INTENT OF THE D LEGS, TRAVELERS, ADDITIONAL UNSWITCHED CONDUCTORS, MULTIPLE NEUTRALS, GROUND
		SOLENOID SOLENOID	PC PHOTOCELL SPEC SPECIFICATION(S)	NOT INDICATED. SWITCHING INTENT IS INDICATED BY LOWER CASE LETTER DESIGNATION, N
	WALL-MTD LUMINAIRE, EMERGENCY	FLOOR STUB-UP LOCATION	SQ SQUARE	
	EXIT SIGN WITH ARROW INDICATING DIRECTION OF	CONTROL RELAY	SS STAINLESS STEEL STD STANDARD	DAYLIGHT OR OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT-OFF CONTROL OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT-OFF CONTROL
	EGRESS	DAYLIGHT ZONE BORDER	SU STUB UP	ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRAT
	WALL-MTD EXIT SIGN	-'PDZ' DENOTES THE PRIMARY DAYLIGHT ZONE -'SDZ' DENOTES THE SECONDARY DAYLIGHT ZONE	SURF SURFACE SW SWITCH	AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OPERATIONS SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATED IN ACCORDAN
		COMMUNICATIONS BACKBOARD	SWBD SWITCHBOARD TEL TELEPHONE	APPROVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND SHALL BE PREPARED AND FILED WITH THE OWNER. DRAWING NOTES SHALL REQUIRED COM
	CEILING-MTD EXIT SIGN	CABLE TRAY	TGB TELECOM GROUND BUSBAR TS TIME SWITCH	ACCORDANCE WITH THIS PARAGRAPH.
			UBC UNIFORM BUILDING CODE (LATEST EDITION)	9. DIVISION 26 TO PROVIDE CONDUIT AND BOX ROUGH-IN FOR THERMOSTATS. FOR ROUGH-IN REFER TO MECHANICAL HVAC DRAWINGS, ROUGH IN SHALL CONSIST OF A 4" SOLIADE BOX
			UH UNIT HEATER	PLASTER RING & A 1/2"C STUB UP INTO THE NEAREST ACCESSIBLE CEILING SPACE. EXISTING
			WG WIRE GUARD	
			WP WEATHERPROOF W WATTS	
			XFMR TRANSFORMER	

- 10. LUMINAIRE SHALL TURN ON TO 50% BRIGHTNESS UPON OCCUPANCY REGARDLESS OF LAST STATE.
- 11. LUMINAIRES SHALL DEENERGIZE WHEN OCCUPANCY SENSORS DO NOT DETECT MOTION OR PRESENCE FOR 15 MINUTES.
- 12. OCCUPANCY SENSOR COVERAGE PATTERNS AND QUANTITY SHALL PROVIDE SENSITIVITY SUCH THAT 3' OR LESS PENETRATION INTO ROOM ENERGIZES LUMINAIRES.

MALL 100 PRO. COORD 114Ė ELEC 114D MEDITATIO 126 <u>R.A1</u> <u>–R.A1</u> ⊙d ⊘<u>R.C</u>

M:27

, ,	
CERTIFIED LIGHTING CONTROLS TECHNICIAN SCHEDULE	
DESCRIPTION	LOCATION/ RECIPIENT
LIGHTING CONTROLS SUBMITTALS: SHOP DRAWINGS SHOWING THE LIGHTING PLANS WITH ALL REQUIRED DEVICES FOR A COMPLETE NETWORKED DISTRIBUTION LIGHTING CONTROLS SYSTEM. MATERIAL LIST, ONE-LINE DIAGRAM, PANEL INFORMATION, PRODUCT SHEETS AND ANY ADDITIONAL DOCUMENTATION IDENTIFIED IN THE ELECTRICAL SPECIFICATIONS.	ELECTRICAL ENGINEER
PRE CONSTRUCTION MEETING: MEETING WITH CERTIFIED LIGHTING CONTROLS TECHNICIAN, ELECTRICAL ENGINEER, AND ELECTRICAL CONTRACTOR TO REVIEW LIGHTING CONTROLS SUBMITTALS.	JOB TRAILER (UNLESS NOTED OTHERWISE)
BALANCE OF THE LIGHTING CONTROLS DEVICES: ALL LIGHTING CONTROLS DEVICES NEED TO BE ON THE JOBSITE WITHIN 4 WEEKS AFTER THE PRE CONSTRUCTION MEETING (UNLESS NOTED OTHERWISE BY ELECTRICAL CONTRACTOR).	JOBSITE
CONSTRUCTION MEETING: MEETING WITH CERTIFIED LIGHTING CONTROLS TECHNICIAN AND ELECTRICAL CONTRACTOR TO REVIEW THE PROGRESS OF THE LIGHTING CONTROLS INSTALLATION.	JOBSITE
COMMISSIONING: TRAINING AND COMMISSIONING OF THE BUILDING DONE BY THE CERTIFIED LIGHTING CONTROLS TECHNICIAN. PROGRAMMING OF THE NETWORK LIGHTING CONTROL SYSTEM SHALL BE COMPLETED PER LIGHTING CONTROLS SEQUENCE OF OPERATIONS AND ELECTRICAL SPECIFICATIONS AND DRAWINGS.	JOBSITE
POST CONSTRUCTION MEETING: MEETING WITH CERTIFIED LIGHTING CONTROLS TECHNICIAN AND OWNER/BUILDING MANAGER TO PROVIDE ANY ADDITIONAL REPROGRAMMING OR TRAINING OF THE LIGHTING CONTROL SYSTEM.	JOBSITE (UNLESS NOTED OTHERWISE)

- JURISDICTION.

- THE LATEST ENERGY CODE REQUIREMENTS.

- CONTACTOR PANEL LOCATED IN ELECTRICAL ROOM 114D.

	KEYNOTES 📖
L01	ENERGIZE EGRESS EXIT SIGN WITH UNSWITCHED PHASE CON ADJACENT CIRCUIT SERVING THE AREA. ELEVATION ONLY SHO REFERENCE. REFER TO ARCHITECTURAL LIFE SAFETY PLAN F OF TRAVEL. PROVIDE CONSTANT HOT CONDUCTOR TO MAINT. EMERGENCY BATTERY CHARGE. COORDINATE LOCATION OF F MOUNTING HARDWARE WITH THE ARCHITECTURAL PLANS AND
L02	CENTER LUMINAIRE OVER GRAPHIC ON WALL TO ENSURE UNIFILLUMINATION.
L03	LOW VOLTAGE OCCUPANCY SENSOR SHALL CONTROL LUMINA SWITCHLEGS 'k,m,n,p,q,r,u,w,x'.
L04	LUMINAIRES R.P1, R.P2, AND R.P3 ARE PART OF THE CEILING S SYSTEM. COORDINATE EXACT PLACEMENT OF LUMINAIRES WI SYSTEM MANUFACTURER. PROVIDE SHOP DRAWINGS PRIOR T LUMINAIRES.
L05	LUMINAIRES R.K1 ARE PART OF THE CEILING STRUCTURAL SYS COORDINATE EXACT PLACEMENT OF LUMINAIRES WITH CEILIN MANUFACTURER. PROVIDE SHOP DRAWINGS PRIOR TO ORDEF LUMINAIRES.
L06	SUSPEND LUMINAIRE +7'-0" AFF TO BOTTOM OF LUMINAIRE.
L07	SUSPEND LUMINAIRE +8'-0" AFF TO BOTTOM OF LUMINAIRE.
L08	SUSPEND LUMINAIRE +9'-0" AFF TO BOTTOM OF LUMINAIRE.
L09	MAINTAIN CIRCUIT CONTINUITY TO LUMINAIRES IN ROOM 102C CIRCUIT WIRES WHERE NEEDED TO COMPLETE CIRCUIT.
L10	MAINTAIN CIRCUIT CONTINUITY TO NEWLY ADDED LUMINAIRES
L12	LIGHTING SYSTEM SHALL BE PROGRAMMED TO BYPASS COMM OCCUPANCY SENSORS DURING SCHOOL HOURS TO MAINTAIN ENERGIZED TO FULL OUTPUT. AFTER HOURS OCCUPANCY SEN FUNCTION AS NORMAL, ACTIVATING UPON SENSING MOTION C
L13	(BID ALTERNATE) REMOVE, CLEAN AND REINSTALL FIXTURES A IN THE BOOKSTORE AREA ASSOCIATED WITH BID ALTERNATE FIX CIRCUIT CONTINUITY TO LUMINAIRES IN THE BOOKSTORE THA

SET BY THE

ELECTRICAL CONTRACTOR

3 MONTHS AFTER

BUILDING IS TURNER OVER TO THE OWNER

(UNLESS NOTED

OTHERWISE)

5

(A5) KEY PLAN - PROJECT SCOPE POWER PLAN SCALE: 1" = 40'-0"

		GENERAL NOTES:
	1.	ALL WORK SHALL COMPLY WITH THE MOST CURRENT EDITION AS THE STATE OF WASHINGTON OR LOCAL AUTHORITY HAVIN JURISDICTION.
	2.	SEE FLOOR BOX SCHEDULE FOR DATA REQUIREMENTS.
	3.	SEE MECHANICAL FOR DUCTWORK; PIPING AND DAMPER LOC
	4.	CAMERAS ARE (OFOI) PROVIDED UNDER A SEPARATE CONTR TO ROUGH-IN OBTAIN MOUNTING HEIGHT INFORMATION FRO CAMERA PROVIDER.
	5.	ELECTRONIC DOOR HARDWARE AND MAGNETIC HOLD OPEN I SUPPLIES ARE PROVIDED UNDER 28 3113.
	6.	MAGNETIC DOOR HOLDERS MAY BE FOR OWNER CONVENIEN LOCKDOWN ONLY. THESE MAY NOT REQUIRE FIRE ALARM RE
	7.	CONTRACTOR TO USE APPROPRIATE CONDUCTOR SIZES TO VOLTAGE IS LESS THAN 3% FOR ALL CIRCUITS.
	8.	SEE ARCHITECTURAL PLANS FOR FIRE SEPARATION. PROVID SEALANT FOR ALL PENETRATIONS.
	9.	IN AREAS WITH OPEN CEILINGS, NEATLY INSTALL CONDUIT AN FROM VIEW AS MUCH AS POSSIBLE USING THE STRUCTURE.
	10.	SEE ARCHITECTURAL PLANS FOR ALL SEISMIC JOINTS.
	11.	CONTRACTOR SHALL COORDINATE ANY SHUT DOWN OF SYSTOWNER.
	12.	VERIFY EXISTING CONDITIONS AS THEY APPLY TO THIS PROJ INCLUDE IN BID SUFFICIENT ALLOWANCE TO COVER ANY DISC BETWEEN THE DRAWINGS AND THE ACTUAL CONDITIONS AS CURRENTLY EXIST. CONTRACTOR TO FIELD VERIFY EXACT LC ALL DEVICES AND PANELS REFERENCED.
	13.	FIELD VERIFY AND COORDINATE EXACT PANEL LOCATION OF EXTENDED AND MODIFIED CIRCUITS PRIOR TO CONSTRUCTO THAT THE MODIFIED CIRCUIT IS STILL BEING FED FROM THE OF PANEL ASSOCIATED AND PERFOM A FUNCTIONALITY TEST OF PRIOR TO PROJECT COMPLETION.
	14.	REFER TO SHEET E-501 FOR CONTROLLED RECEPTACLE WIR
	\sim	KEYNOTES ®
	P01	RELOCATED OVERHEAD POWER FEED FROM PREVIOUS POWER CIRCUITS TO BE FED THROUGH NEW WALL AND SERVE NEWL' CIRCUITS.
ξ	P02	RELOCATED REF. UNIT FROM OLD FOOD BANK ROOM.
	P03	PROVIDE CONNECTRAC 2.7 UNDER CARPET WIREWAY PS-2.7- END COMPONENT KIT UN-2.7-EC TO SERVE AREA DESK LAYOU POWER FOR CIRCUITS TO COME FROM J-BOX IN WALL SHOWN
	P04	PROVIDE CONNECTRAC 2.7 UNDER CARPET WIREWAY PS-2.7- END COMPONENT KIT UN-2.7-EC TO SERVE AREA DESK LAYOU POWER FOR CIRCUITS TO COME FROM J-BOX IN WALL SHOWN
	P05	PROVIDE USB DUPLEX RECEPTACLE LEGRAND MODEL TM8260 APPROVED.
	P06	PROVIDE SINGLE-PHASE 120VAC FOR DOOR HARDWARE POW CIRCUITED TO PANEL M:14. COORDINATE INSTALLATION WITH AND DOOR HARDWARE PROVIDER.
{ ,	P07	INSTALL IN RECESSED BACKBOX. SEE DETAIL C1/E-501 FOR R
ξ	P10	(BID ALTERNATE) PROVIDE 120VAC CONNECTION TO TERMINA SHOWN ON MECHANICAL SHEET M-202 REFERENCE MECHAN

GENERAL NOTES:

1. ALL WORK SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE NEC AS THE STATE OF WASHINGTON OR LOCAL AUTHORITY HAVING JURISDICTION.

- 2. SEE MECHANICAL FOR DUCTWORK; PIPING AND DAMPER LOCATIONS. . CONTRACTOR TO USE APPROPRIATE CONDUCTOR SIZES TO ENSURE
- VOLTAGE IS LESS THAN 3% FOR ALL CIRCUITS. 4. SEE ARCHITECTURAL PLANS FOR FIRE SEPARATION. PROVIDE FIRE
- SEALANT FOR ALL PENETRATIONS.
- 5. SEE ARCHITECTURAL PLANS FOR ALL SEISMIC JOINTS. 6. CONTRACTOR SHALL COORDINATE ANY SHUT DOWN OF SYSTEMS WITH
- OWNER. VERIFY EXISTING CONDITIONS AS THEY APPLY TO THIS PROJECT AND
- INCLUDE IN BID SUFFICIENT ALLOWANCE TO COVER ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE ACTUAL CONDITIONS AS THEY CURRENTLY EXIST. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF ALL DEVICES AND PANELS REFERENCED.
- 3. FIELD VERIFY AND COORDINATE EXACT PANEL LOCATION OF ALL EXTENDED AND MODIFIED CIRCUITS PRIOR TO CONSTRUCTOIN. VERIFY THAT THE MODIFIED CIRCUIT IS STILL BEING FED FROM THE CORRECT PANEL ASSOCIATED AND PERFOM A FUNCTIONALITY TEST OF DEVICES
- PRIOR TO COMPLETION. 9. CONTRACTOR SHALL COORDINATE ALL MECHANICAL EQUIPMENT DISCONNECTS AND REQUIREMENTS WITH EQUIPMETN'S MANUFACTURER AND MECHANICAL DRAWINGS. SEE SHEET E-711 FOR MECHANICAL SCHEDULES.
- 10. CONTRACTOR SHALL VERIFY THE TYPE OF WALL, CEILING AND ROOF PENETRACTION REQUIRED FOR EACH CONDUIT. PROVIDE CONCRETE DRILLING AS REQUIRED TO ROUTE CONDUITS.

KEYNOTES P08 PROVIDE NEMA 3R DISCONNECT SWITCH FOR ROOF TOP UNIT RTU-13, ROUTE CONDUIT AND WIRE BACK TO PANEL P:1,3,5. REFER TO SHEET E-711 FOR

- MECHANICAL EQUIPMENT SCHEDULE AND VERIFY UNIT WITH MECHANICAL ENGINEER PRIOR TO PURCHASE.
- P09 (BID ALTERNATE) CONTRACTOR TO PROVIDE NEMA 3R DISCONNECT SWITCH FOR ROOF TOP UNIT AHU-7, THIS UNIT IS TO REPLACE THE CURRENT MZU-5 ROOF TOP UNIT. ROUTE CONDUIT AND WIRE FROM NEW DISCONNNECT BACK TO EXISTING CIRCUIT BREAKER FROM PANEL DBP. REFER TO SHEET E-711 FOR MECHANICAL EQUIPMENT SCHEDULE WHERE DISCONNECT, CONDUIT AND WIRE ARE LISTED. VERIFY UNIT WITH MECHANICAL ENGINEER PRIOR TO PURCHASE.

					LIGHTIN	IG FIXTURE SCHEDU	ILE				
TYPE	MANUFACTURER	CATALOG #	OTHER MANUFACTURER	LAMP	LUMENS OUTPUT	-	VA	WATTS	VOLTAGE	MOUNTING	NOTES
E.A1	LITHONIA LIGHTING	TLE-2-G-EL N	SURE-LITES, EVENLIGHT	GREEN LED	0	LED 0-10V DIMMING	1 VA	1 W	120 V	AS REQUIRED	GREEN LETTERING LED EXIT SIGN WITH BATTERY. SELF DIAGNOSTICS. ENERGIZE WITH UNSWITCHED PHASE CONDUCTOR. * PROVIDE SINGLE FACE, DOUBLE FACE AND ARROWS AS NEEDED. REER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTION OF TRAVEL.
H.A1	JLC TECH	TBSL-MW-2-24-**-U-*	2	LED/3500K	1141	LED 0-10V DIMMING	16 VA	16 W	120 V	RECESSED	ALTERNATE #1 - 15/16" X 2' T-BAR LED LUMINAIRE WITH CUSTOM 4" BLOCK DIFFUSER LENS. SQUARE PROFILE LINEAR LED LUMINAIRE. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR. **COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE. PROVIDE STRUCTURAL CEILING SYSTEM SHOP DRAWINGS PRIOR TO ORDERING IF ALTERNATE #1 IS TAKEN.
H.C1	BARBICAN LIGHTING	#16-104-30D-8H-*-ACB*-HTO-**-LED3800LM/40W-120V-3500K-90CRI-DB(0-10V)		LED/3500K	3800	LED 0-10V DIMMING	40 VA	40 W	120 V	PENDANT	30" DRUM LED LUMINAIRE. 8" HEIGHT WITH OPAL DIFFUSER. *COORDINATE WITH ARCHITECTURAL FINISHES FOR ACOUSTIC MATERIAL COLOR. ** COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
H.C2	BARBICAN LIGHTING	#16-104-42D-10H-*-ACB*-HTO-**-LED6600LM/69W-120V-3500K-90CRI-DB(0-10V)		LED/3500K	7767	LED 0-10V DIMMING	69 VA	69 W	120 V	PENDANT	42" ACOUSTIC MATERIAL DRUM LED LUMINAIRE. 10" HEIGHT WITH OPAL DIFFUSER. *COORDINATE WITH ARCHITECTURAL FINISHES FOR ACOUSTIC MATERIAL COLOR. ** COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
H.D1	CDS LIGHTING	BEECH-B-BLANK-USV		LED/3500K	500	ELV	12 VA	12 W	120 V	PENDANT	7.5" CONCRETE LED DECORATIVE PENDANT.
R.A1	MARK ARCHITECTURAL	WHSPR-2X4-4800LM-35K-80CRI-MIN1-ZT-120-SWC	CORELITE, DAY-BRITE	LED/3500K	4881	LED 0-10V DIMMING	41 VA	41 W	120 V	RECESSED	2'X4' RECESSED LED VOLUMETRIC LUMINAIRE. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.A1E	MARK ARCHITECTURAL	WHSPR-2X4-4800LM-35K-80CRI-MIN1-ZT-120-SWC-E10WLCP	CORELITE, DAY-BRITE	LED/3500K	4881	LED 0-10V DIMMING	41 VA	41 W	120 V	RECESSED	2'X4' RECESSED LED VOLUMETRIC LUMINAIRE. 10 WATT EMERGENCY BATTERY PACK. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.A2	MARK ARCHITECTURAL	WHSPR-2X4-4000LM-35K-80CRI-MIN1-ZT-120-SWC	CORELITE, DAY-BRITE	LED/3500K	4077	LED 0-10V DIMMING	34 VA	34 W	120 V	RECESSED	2'X4' RECESSED LED VOLUMETRIC LUMINAIRE. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.A2E	MARK ARCHITECTURAL LIGHTING	WHSPR-2X4-4000LM-35K-80CRI-MIN1-ZT-120-SWC-E10WLCP	CORELITE, DAY-BRITE	LED/3500K	4077	LED 0-10V DIMMING	34 VA	34 W	120 V	RECESSED	2'X4' RECESSED LED VOLUMETRIC LUMINAIRE. 10 WATT EMERGENCY BATTERY PACK. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.B1	MARK ARCHITECTURAL	WHSPR-2X2-4800LM-35K-80CRI-MIN1-ZT-120-SWC	(DAY-BRITE, CORELITE) LED/3500K	4965	LED 0-10V DIMMING	45 VA	45 W	120 V	RECESSED	2'X2' RECESSED LED VOLUMETRIC LUMINAIRE. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.B2	MARK ARCHITECTURAL LIGHTING	WHSPR-2X2-4000LM-35K-80CRI-MIN1-ZT-120-SWC	CORELITE	LED/3500K	4223	LED 0-10V DIMMING	37 VA	37 W	120 V	RECESSED	2'X2' RECESSED LED VOLUMETRIC LUMINAIRE. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.B2E	MARK ARCHITECTURAL	WHSPR-2X2-4000LM-35K-80CRI-MIN1-ZT-120-SWC-E10WLCP	CORELITE	LED/3500K	4223	LED 0-10V DIMMING	37 VA	37 W	120 V	RECESSED	2'X2' RECESSED LED VOLUMETRIC LUMINAIRE. 10 WATT EMERGENCY BATTERY PACK. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.C1	GOTHAM LIGHTING	EVO-35-15-6AR-FL-WD-LD-120-GZ1	PORTFOLIO, LIGHTOLIER	LED/3500K	1542	LED 0-10V DIMMING	19 VA	19 W	120 V	RECESSED	RECESSED 6" DOWNLIGHT, WIDE DISTRIBUTION. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR
R.C1E	GOTHAM LIGHTING	EVO-35-15-6AR-FL-WD-LD-120-GZ1-EL	PORTFOLIO, LIGHTOLIER	LED/3500K	1542	LED 0-10V DIMMING	19 VA	19 W	120 V	RECESSED	RECESSED 6" DOWNLIGHT, WIDE DISTRIBUTION. EMERGENCY BATTERY PACK WITH INTEGRAL TEST SWITCH. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR
R.C2	GOTHAM LIGHTING	EVO-35-10-6AR-FL-WD-LD-120-GZ1	PORTFOLIO, LIGHTOLIER	LED/3500K	1038	LED 0-10V DIMMING	12 VA	12 W	120 V	RECESSED	RECESSED 6" DOWNLIGHT, WIDE DISTRIBUTION. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR
R.C2E	GOTHAM LIGHTING	EVO-35-10-6AR-FL-WD-LD-120-GZ1-EL	PORTFOLIO, LIGHTOLIER	LED/3500K	1038	LED 0-10V DIMMING	12 VA	12 W	120 V	RECESSED	RECESSED 6" DOWNLIGHT, WIDE DISTRIBUTION. EMERGENCY BATTERY PACK WITH INTEGRAL TEST SWITCH. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR
R.G1	AXIS LIGHTING	BMRLED-1000-80-35-FL-8-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	8000	LED 0-10V DIMMING	78 VA	78 W	120 V	RECESSED	3" X 8' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.G2	AXIS LIGHTING	BMRLED-1000-80-35-FL-6-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	6000	LED 0-10V DIMMING	58 VA	58 W	120 V	RECESSED	3" X 6' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.H1	AXIS LIGHTING	SCR-300-80-35-FL-S13-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	3910	LED 0-10V DIMMING	42 VA	42 W	120 V	RECESSED	1.5" X 13' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.H2	AXIS LIGHTING	SCR-300-80-35-FL-10-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	3007	LED 0-10V DIMMING	33 VA	33 W	120 V	RECESSED	1.5" X 10' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.H3	AXIS LIGHTING	SCR-300-80-35-FL-6-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	1804	LED 0-10V DIMMING	20 VA	20 W	120 V	RECESSED	1.5" X 6' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.H4	AXIS LIGHTING	SCR-300-80-35-FL-S24-*-120-DP-1-DF		LED/3500K	7218	LED 0-10V DIMMING	78 VA	78 W	120 V	RECESSED	1.5" X 24' RECESSED LINEAR LED LUMINAIRE WITH FLUSH SHIELDING. DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.J1	AXIS LIGHTING	GPRLED-NL-300-80-35-RG2-7-*-120-DP-1-DF	LEDALITE, PINNACLE	LED/3500K	2100	LED 0-10V DIMMING	18 VA	18 W	120 V	RECESSED	2" X 9' RECESSED LINEAR LED WALL GRAZER LUMINAIRE WITH FLUSH SHIELDING.DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.J2	AXIS LIGHTING	GPRLED-NL-300-80-35-RG2-4-*-120-DP-1-DF	LEDALITE, PINNACLE	LED/3500K	1200	LED 0-10V DIMMING	10 VA	10 W	120 V	RECESSED	2" X 4' RECESSED LINEAR LED WALL GRAZER LUMINAIRE WITH FLUSH SHIELDING.DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.J3	AXIS LIGHTING	GPRLED-NL-300-80-35-RG2-5-*-120-DP-1-DF	(LEDALITE, PINNACLE) LED/3500K	1500	LED 0-10V DIMMING	13 VA	13 W	120 V	RECESSED	2" X 5' RECESSED LINEAR LED WALL GRAZER LUMINAIRE WITH FLUSH SHIELDING.DRYWALL FLANGE MOUNTING. *COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.K1	AXIS LIGHTING	CLKLED-400-80-35-SO-S10.5-W-120-DP-1-AC	XAL	LED/3500K	4200	LED 0-10V DIMMING	42 VA	42 W	120 V	RECESSED	4" X 10'-6" ARMSTRONG DIRECT LIGHT COVE SYSTEM LUMINAIRE. FROSTED ACRYLIC LENS.
R.L1	GOTHAM LIGHTING	ICO-35/05-2AR-LSS-55D-120-UGZ	PORTFOLIO, ATLANTIC LIGHTING	LED/3500K	492	LED 0-10V DIMMING	7 VA	7 W	120 V	RECESSED	RECESSED 2" DOWNLIGHT. CLEAR TRIM WITH SEMI-SPECULAR FINISH. 55 DEGREE BEAM DISTRIBUTION.
R.M1	LITHONIA LIGHTING	2GTL 4 40L 120 GZ10 LP835	METALUX, DAY-BRITE	LED/3500K	4007	LED 0-10V DIMMING	30 VA	30 W	120 V	RECESSED	2'X4' RECESSED LED TROFFER. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.N1	LITHONIA LIGHTING	2GTL 2 33L 120 GZ10 LP835	METALUX, DAY-BRITE	LED/3500K	3401	LED 0-10V DIMMING	29 VA	29 W	120 V	RECESSED	2'X2' RECESSED LED TROFFER. *COORDINATE WITH ARCHITECTURAL FLOOR PLANS FOR MOUNTING STYLE.
R.P1	AXIS LIGHTING	BMRLED-500-80-35-1.25M-8-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	4000	LED 0-10V DIMMING	37 VA	37 W	120 V	RECESSED	3.5" X 8' RECESSED LINEAR LED LUMINAIRE WITH 1.25" STEPLENS LUM. ENDCAP SHIELDING. DRYWALL FLANGE MOUNTING. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.P2	AXIS LIGHTING	BMRLED-500-80-35-1.25M-4-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	2000	LED 0-10V DIMMING	18 VA	18 W	120 V	RECESSED	3.5" X 4' RECESSED LINEAR LED LUMINAIRE WITH 1.25" STEPLENS LUM. ENDCAP SHIELDING. DRYWALL FLANGE MOUNTING. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.
R.P3	AXIS LIGHTING	BMRLED-500-80-35-1.25M-7-*-120-DP-1-DF	PINNACLE, LUMENWERX	LED/3500K	3500	LED 0-10V DIMMING	32 VA	32 W	120 V	RECESSED	3.5" X 7' RECESSED LINEAR LED LUMINAIRE WITH 1.25" STEPLENS LUM. ENDCAP SHIELDING. DRYWALL FLANGE MOUNTING. * COORDINATE WITH ARCHITECTURAL FINISHES FOR FINISH COLOR.

						М	ЕСНИ				ENT	SCH		IF								
										Proj	ect No: 19	1424										
		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 S					F. NEMA 5 G. NEMA 5 H. NEMA 6 I. NEMA 5 J. DIRECT	5-15R RECEI 5-20R RECE 6-20R RECE -50R RECEF I CONNECTI	PTACLE PTACLE PTACLE PTACLE ON				<u>Key:</u> FLA - Fl MCA - N VFD - V HP- HO	ULL LOAI MINIMUM /ARIABLE PRSE POV	D AMPS Circuit Freque Ver	AMPS ENCY DI	RIVE				
										В	REAKER	U		ONNECT	r		WIRE	S				
UNIT ID	DESCRIPTION	LOCATION	VOLTS	PHASE	£	LOAD (KVA)	FLA	MCA	MOCP		AMPS	POLE	AMPS	FUSE	NOTES	PHASE NO.	PHASE SZ	GND SZ	CONDUIT SIZE	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
EDC-6	ROOF TOP UNIT (STUDENT GOV.)	PLENUM (LOUNGE AREA)	208	3		6.00					3 30		3 60	30		4 ;	<i>‡</i> 4	#10	1 1/2"		P:19,21,23	PROVIDE NEMA RATED DISCONNECT SWITCH, CONE AND WIRE FOR NEW UNIT
RTU-13	ROOF TOP UNIT (STUDENT GOV.)	ROOF	208	3				50.10	60		3 60		3 60	60		4 ;	# 4	#10	1 1/2"		P:1,3,5	PROVIDE NEMA 3R DISCONNECT SWITCH, CONDUIT
TU-1B WH-1	VAV TERMINAL UNIT ELECTRIC WATER HEATER	FOOD BANK MEDITATION ROOM	120 120	1		8.32					2 40					#	10 #8	#10 #10	3/4" 1"		P:2,4	RELOCATED TO NEW FAUCET IN MEDITATION ROO
		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26					F. NEMA S G. NEMA H. NEMA S	5-15R RECE 5-20R RECE 6-20R RECE -50R RECFF	PTACLE PTACLE PTACLE PTACLE PTACLE	ect No: 19	1424	<u> </u>	Key: FLA - FI MCA - M VFD - V HP- HO	ULL LOAI MINIMUM /ARIABLE DRSE POV) amps Circuit Freque Ver	AMPS ENCY DI	RIVE				
		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS					F. NEMA 5 G. NEMA 5 H. NEMA 5 J. DIRECT	5-15R RECEI 5-20R RECE 6-20R RECE -50R RECEF CONNECTI	Proju PTACLE PTACLE PTACLE PTACLE ON B	ect No: 19	1424 U	JNIT DISCO	Key: FLA - FI MCA - N VFD - V HP- HO	ULL LOAI MINIMUM /ARIABLE DRSE POV	D AMPS CIRCUIT FREQUE VER	AMPS NCY DI	RIVE S				
UNIT ID	DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS LOCATION	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS	PHASE	Ŧ	LOAD (KVA)	FLA	F. NEMA 5 G. NEMA 5 I. NEMA 5 J. DIRECT	5-15R RECE 5-20R RECE 6-20R RECE 5-50R RECE T CONNECTI	PTACLE PTACLE PTACLE PTACLE PTACLE ON B	REAKER	1424 U		Key: FLA - FI MCA - M VFD - V HP- HO	ULL LOAI MINIMUM (ARIABLE DRSE POV	D AMPS CIRCUIT FREQUE VER		RIVE S	CONDUIT SIZE	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
UNIT ID	DESCRIPTION AIR HANDLING UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS LOCATION ROOF	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS SING 208	BHASE 3	£	LOAD (KVA)	FLA	F. NEMA S G. NEMA S H. NEMA 5 J. DIRECT	5-15R RECE 5-20R RECE 6-20R RECE FOR RECE CONNECTI	PTACLE PTACLE PTACLE PTACLE PTACLE ON B	REAKER 3 300	1424	JNIT DISCO SAWE 3 400	Key: FLA - FI MCA - N VFD - V HP- HO		O AMPS CIRCUIT FREQUE VER		RIVE S ZS QND #3	SIZE 4"	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT.
UNIT ID AHU-7 P-1	DESCRIPTION AIR HANDLING UNIT PUMP	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS Image: Description of the state of the sta	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS STO 208 208	3 10	<u>₽</u> 10	LOAD (KVA)	Y 30.80	F. NEMA 5 G. NEMA 5 H. NEMA 5 J. DIRECT 268.00 38.50	5-15R RECEI 5-20R RECE 6-20R RECE 5-50R RECEF CONNECTI		REAKER 3 3 3 3 45		JNIT DISCO SAWE 3 400 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO		2 AMPS CIRCUIT FREQUE VER 4 600 4 600	AMPS ENCY DI WIRES KCM	RIVE S TS ONS #3 #10	LINGNDUIL 4" 1 1/2"	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONT AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMON NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2	DESCRIPTION AIR HANDLING UNIT PUMP PUMP	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS E. FURNISHED AND INSTALLED BY OTHERS ROOF	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS 208 208 208 208	3 10 3 10	£ 10	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECEI 5-20R RECE 6-20R RECEF CONNECTI		REAKER 3 300 3 45 3 45		JNIT DISCO SUNE 3 400 3 60 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		2 AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5	AMPS ENCY DI WIRES KCM #4	RIVE S TS QS #3 #10 #10	LINGNOD 4" 1 1/2" 1 1/2"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVEI PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOI NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANI WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVEI PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOI NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANI WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2	DESCRIPTION AIR HANDLING UNIT PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS ROOF WEST OFFICES	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS SIGN 208 208 208 208 208	BHA 3 3 10 3 10 1	£ 10	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECEI 5-20R RECE 6-20R RECE 5-50R RECEF CONNECTI 300	PTACLE PTACLE PTACLE PTACLE PTACLE PTACLE PTACLE PTACLE	REAKER 3 3 3 3 45		JNIT DISCO Selection 3 400 3 60 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 1 #	AMPS NCY DI WIRES KCM #4	RIVE S ZS QNS #3 #10 #10	LINONON 4" 1 1/2" 1 1/2" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A	DESCRIPTION AIR HANDLING UNIT PUMP VAV TERMINAL UNIT VAV TERMINAL UNIT VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY OTHERS E. FURNISHED AND INSTALLED BY OTHERS ROOF ROOF WEST OFFICES NORTH BOOKSTORE DOUTU DOOV/CTOOL DOUTU DOOV/CTOOL	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS SIG 208 208 208 208 208 208 208 208	BHASE 3 3 10 3 10 1 1	£ 10	LOAD (KVA)	4 30.80	F. NEMA 5 G. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECEI 5-20R RECE 6-20R RECEF CONNECTI		REAKER 3 3 3 3 45		JNIT DISCO Same 3 400 3 60 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 1 #	AMPS NCY DI WIRES KCM #4	RIVE S S RIV H 10 H 10 H 10 H 10 H 10	LINONON 4" 1 1/2" 1 1/2" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A	DESCRIPTION AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT VAV TERMINAL UNIT VAV TERMINAL UNIT VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS E. FURNISHED AND INSTALLED BY OTHERS LOCATION ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 S S 208 208 208 208 208 208 208 208 208 208	BHASE 3 3 10 3 10 1 1 1 1	£ 10	LOAD (KVA)	4 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECEI 5-20R RECE 6-20R RECEF F CONNECTI		REAKER 3 3 3 3 45 3 45 3		JNIT DISCO SAWE 3 400 3 60 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		2 AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 1 # 1 #	AMPS ENCY DI WIRES KCM #4 #4	RIVE S S RIV	LINGNOS 4" 1 1/2" 1 1/2" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONDAND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-2A TU-3A TU-4A TU-4A	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS, I. FURNISHED AND INSTALLED BY OTHERS I. FURNISHED AND INSTALLED BY OTHERS ROOF I. WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 RS SIGN 208 208 208 208 208 208 208 208 208 208	BHASE 3 3 10 3 10 1 1 1 1 1 1	£	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECE 5-20R RECE 6-20R RECE F CONNECTI		REAKER 3 3 3 3 45 3 45 3 45 3 45 3 45 3 45 3 45		JNIT DISCO SHE 3 400 3 60 3 60	Кеу: FLA - FI MCA - M VFD - V HP- HO		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 1 # 1 # 1 # 1 #	AMPS NCY DI WIRES KCM #4 #4	RIVE S S S S S S S S S S S S S S S S S S S	LINQNOS 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-3A TU-4A TU-5A	DESCRIPTION AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS; Image: Comparison of the stress o	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 Rs S S S S S S S S S S	BHAS 3 3 1 3 1 1 1 1 1 1 1 1	£	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECE 5-20R RECE 6-20R RECE 5-50R RECE CONNECTI 300		REAKER I Same 3 300 3 45 3 45 3 45 3 45		JNIT DISCO Sewe 3 400 3 60 3 60	<u>Кеу:</u> FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 1 # 1 # 1 # 1 # 1 # 1 # 1 #	AMPS ENCY DI WIRES KCM #4 #4 10 10 10 10 10	RIVE S S S 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LINQNON 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-5A TU-5A TU-6A TU-7A	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS; Image: E. FURNISHED AND IN	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 S S S S S S S S S S 	BHAS 3 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	£ 10	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECE 5-20R RECE 6-20R RECE F CONNECTI		REAKER 3 3 3 3 45 3 45 3 45 3 45 3 45 3 45 3 45 45		JNIT DISCO Selection 3 400 3 60 3 60 3 60	Кеу: FLA - FI MCA - N VFD - V HP- HO 300 45 45		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 7 4 5 7 4 5 7 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AMPS NCY DI WIRES KCM #4 10 10 10 10 10 10 10	RIVE S S RIVE #3 #10 #10 #10 #10 #10 #10 #10 #10 #10 #10	LINQNOS SS 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-4A TU-5A TU-5A TU-6A TU-7A VFD-1	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISION B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS I.FURNISHED AND INSTALLED BY OTHERS ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE EAST BOOKSTORE OPEN OFFICE	DN 23 D BY DIVISION 26 DN 26 Y DIVISION 26 S S S S S S S S S S 	BHAS 3 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	£	LOAD (KVA)	Y 30.80	F. NEMA 8 G. NEMA 9 H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECE 5-20R RECE 6-20R RECE F CONNECTI 300		REAKER 3 3 3 3 45 3 45 3 45 3 45 3 45 3 45 3 45 45 45 45 45		JNIT DISCO Sewe 3 400 3 60 3 60 3	Кеу: FLA - FI MCA - N VFD - V HP- HO CONNECT 300 45 45		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 7 4 5 7 4 5 7 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AMPS NCY DI WIRES KCM #4 #4 10 10 10 10 10 10 10 10 10 10 10 10 10	RIVE S S RIV A I S I S I S I S I S I S I S I S I S I	LINQNOS SS 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4	SHORT CIRCUIT CURRENT (A)		REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-4A TU-5A TU-6A TU-6A TU-6A TU-7A VFD-1 VFD-2	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT VARIABLE FREQUENCY DRIVE VARIABLE FREQUENCY DRIVE	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS I.FURNISHED AND INSTALLED BY OTHERS I.OCATION ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE EAST BOOKSTORE OPEN OFFICE	DN 23 DIVISION 26 DN 26 Y DIVISION 26 Y DIVISION 26 S S	BHASE 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1		LOAD (KVA)	Y 30.80	F. NEMA 5 G. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R RECE 5-20R RECE 6-20R RECE F CONNECTI 300		REAKER 3 3 3 3 45 3 45 3 45 3 45 3 45 3 45 3 45 45 45 45 45		JNIT DISCO SAWE 3 400 3 60 3 60 3 60 3 60 3 60	Кеу: FLA - FI MCA - N VFD - V HP- HO 300 45 45 45		D AMPS CIRCUIT FREQUE VER 4 600 4 600 4 5 7 4 5 7 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AMPS NCY DI WIRES KCM #4 10 10 10 10 10 10 10 10 10 10 10 10 10	RIVE S S RIV A I S I I S I I S I S I S I S I S I S I	LINONOS SS 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODE NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODE NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. FOR NEW PUMP MOTOR CIRCUIT. FOR PUMP P-1 FOR PUMP P-2

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		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS	26				F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIRECT	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC	CEPTAC CEPTAC CEPTAC CEPTAC	Project No CLE CLE CLE CLE CLE): 191424	4	Key: FLA MCA VFD HP-H	- FULL L - MINIM - VARIA HORSE	LOAD AM /UM CIRI \BLE FRE POWER	IPS CUIT AMF QUENC	PS 7 DRIVE	Ē			
											BREAK	ER		CONNE	ст		wi	RES				
UNIT ID	DESCRIPTION	LOCATION	VOLTS	PHASE	운	LOAD (KVA)	FLA	MCA	MOCP	EMER CKT	DOLE	AMPS	POLE	FUSE	NOTES	PHASE NO.	PHASE SZ	GND SZ	CONDUIT	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
EDC-6	ROOF TOP UNIT (STUDENT GOV.)	PLENUM (LOUNGE AREA)	208	3	3	6.00					3	30	3 60	30		4	#4	#10	1 1/2"		P:19,21,23	PROVIDE NEMA RATED DISCONNECT SWITCH, CONE AND WIRE FOR NEW UNIT
RTU-13	ROOF TOP UNIT (STUDENT GOV.)	ROOF	208	3	3			50.10	60		3	60	3 60	60	,	4	#4	#10	1 1/2"		P:1,3,5	PROVIDE NEMA 3R DISCONNECT SWITCH, CONDUIT
TU-1B		FOOD BANK	120	1	1												#10	#10	3/4"			
WH-1	ELECTRIC WATER HEATER	MEDITATION ROOM	120	2	2	8.32					2	40					#8	#10	1"		P:2,4	RELOCATED TO NEW FAUCET IN MEDITATION ROC
																					,	
		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23 INSTALLED	ON 23	26			IICAL	F. NEMA	5-15R REC		Project No	: 191424		Key:	- FULL L			05				
		<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLE C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER	ON 23 ID BY DIVISION 2 ION 26 BY DIVISION 26 RS	26			IICAL	F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIRECT	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC	CEPTAC CEPTAC CEPTAC CEPTAC CTION	Project No CLE CLE CLE CLE CLE	: 191424	4 4	Key: FLA MCA VFD HP- I	- FULL L - MINIM - VARIA HORSE	LOAD AM /UM CIR ABLE FRE POWER	PS CUIT AMF QUENC	PS Y DRIVE	Ξ			
UNIT ID	DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER LOCATION	ON 23 D BY DIVISION 2 ION 26 BY DIVISION 26 RS	26 BHASE	1VIL			F. NEMA G. NEMA H. NEMA J. DIRECT	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC		Project No CLE CLE CLE CLE BREAK	ER Same		Key: FLA MCA VFD HP-H	- FULL L - MININ - VARIA HORSE		PS CUIT AMF QUENC WI	PS 7 DRIVE RES S QNO	CONDUIT	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
UNIT ID AHU-7	DESCRIPTION AIR HANDLING UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS STO 208	26 HASE	туп. 3			F. NEMA G. NEMA H. NEMA J. DIRECT	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC G G G G G G G G G G		Project No CLE CLE CLE BREAK U G	ER Sawe 300	UNIT DIS UNIT DIS	Key: FLA MCA VFD HP-H	- FULL L - MINIM - VARIA HORSE			PS (DRIVE RES ZS QNS 1 #3	E CONDULL SIZE 4"	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT.
UNIT ID AHU-7 P-1	DESCRIPTION AIR HANDLING UNIT PUMP	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS STO 208 208	26 BHASE	3 3 3 3		30.80	F. NEMA G. NEMA H. NEMA J. DIRECT	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC d 0 300		Project No CLE CLE CLE CLE BREAK U	ER SAWE 300 45	UNIT DIS UNIT DIS 3 400	Key: FLA- MCA VFD HP-H	- FULL L - MINIM - VARIA HORSE CT	LOAD AM AUM CIR BLE FRE POWER	PS CUIT AMF QUENC WII ZS 3SHA 600KCM #4	PS (DRIVE RES XS GNS 1 #3 #10	E LINGNOS A" 1 1/2"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1	DESCRIPTION AIR HANDLING UNIT PUMP PUMP	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF	ON 23 ID BY DIVISION 2 ION 26 BY DIVISION 26 RS 208 208 208	26 BHASE	······ 유 3 3 10 3 10		YIICAL 30.80	F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SAWE 300 45 45	UNIT DIS UNIT DIS UNIT DIS 3 400 3 60	Key: FLA MCA VFD HP-H CONNE 300 45 45	- FULL L - MINIM - VARIA HORSE CT SELON	LOAD AM AUM CIRU BLE FRE POWER	PS CUIT AMF QUENCY WII CS SYHA 600KCM #4	PS 7 DRIVE RES 7 0N9 1 #3 #10 #10	E LINGNOO 215 4" 1 1/2" 1 1/2"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2	DESCRIPTION AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY OTHER E. FURNISHED AND INSTALLED BY OTHER ROOF WEST OFFICES	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208	26 BHASE	центрания		Y 30.80	F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SAW 300 45 45	UNIT DIS UNIT DIS 3 400 3 60	Key: FLA MCA VFD HP-H CONNE 300 45 45	- FULL L - MININ - VARIA HORSE CT	LOAD AM AUM CIRE POWER POWER 4 4 4	PS CUIT AMF EQUENCY WII CS SSHA 600KCM #4 #4 #4	PS 7 DRIVE RES NS NS NS NS 1 #3 1 #10 #10 #10	E LING BOD SIS 4" 1 1/2" 1 1/2" 1 1/2" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A	DESCRIPTION AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED AND INSTALLED BY DIVISIO C. FURNISHED AND INSTALLED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER ROOF WEST OFFICES NORTH BOOKSTORE	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208	26 BHASE	центровородиние и сооронализации и соорона И посто по		30.80	F. NEMA 5 G. NEMA H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE CLE CLE BREAK U O O O O O O O O O O O O O O O O O O	ER SUNC 300 45 45	UNIT DIS UNIT DIS UNIT DIS 3 400 3 60 3 60	Key: FLA MCA VFD HP-H CONNE 300 45 45	- FULL I - MININ - VARIA HORSE	LOAD AM AUM CIRE POWER POWER 4 4 4 4	PS CUIT AMF EQUENCY WII 600KCM #4 #4 #4 #10 #10	PS (DRIVE RES 25 09 1 #10 #10 #10 #10 #10	E LINN 325 4" 1 1/2" 1 1/2" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A	DESCRIPTION AIR HANDLING UNIT PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISION 23, INSTALLED B. FURNISHED AND INSTALLED BY DIVISION D. FURNISHED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208	26 BHASE	Image: Non-Section 1 3 3 3 1 1 1 1		30.80	F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE CLE CLE BREAK U G G G G G G G G G G G G G G G G G G	ER SAWE 300 45 45	UNIT DIS UNIT DIS UNIT DIS UNIT DIS Same 3 400 3 60 3 60	Кеу: FLA MCA VFD HP-H	- FULL L - MINIM - VARIA HORSE	LOAD AM AUM CIRU BLE FRE POWER 4 4 4 4 4 1 1 1	PS CUIT AMF CUENCY WII 600KCM #4 #4 #4 #10 #10 #10	PS (DRIVE RES 25 Q9 1 #3 #10 #10 #10 #10 #10	E LING BIS 4" 4" 1 1/2" 1 1/2" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, COND AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODE NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODE NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-4A	DESCRIPTION AIR HANDLING UNIT PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISION B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISION D. FURNISHED BY OTHERS, INSTALLED BY OTHER E. FURNISHED AND INSTALLED BY OTHER ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS STO 208 208 208 208 208 208 208 208	26 BHASE	Image: Non-Section 1 3 3 3 10 1 1 1 1 1 1		30.80	F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE CLE CLE BREAK U G G G G G G G G G G G G G G G G G G	ER SAWE 300 45 45	UNIT DIS UNIT DIS UNIT DIS UNIT DIS SAWE 3 400 3 60 3 60 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45	- FULL L - MINIM - VARIA HORSE CT SET	LOAD AM AUM CIRE POWER POWER 4 4 4 4 4 1 1 1 1	PS CUIT AMF CUENC WII 600KCM #4 #4 #4 #4 #10 #10 #10 #10	PS (DRIVE RES 25 09 1 #3 1 #3 1 #10 #10 #10 #10 #10 #10	E LINON SIS 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-3A TU-3A	DESCRIPTION AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY OTHER E. FURNISHED AND INSTALLED BY OTHER ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE	ON 23 ID BY DIVISION 2 ION 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208 208 208	26 BHASE	цень		YIOAL 30.80	F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SWY 300 45 45	UNIT DIS UNIT DIS UNIT DIS 3 400 3 60 3 60	Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45 45	- FULL L - MINIM - VARIA HORSE	LOAD AM AUM CIRE POWER POWER 4 4 4 4 4 4 1 1 1 1 1 1 1	PS CUIT AMF CUENC	PS 7 DRIVE RES 8 9 9 1 #3 1 #3 1 #10 #10 #10 #10 #10 #10 #10	E LINNEN	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-2A TU-3A TU-3A TU-4A TU-5A TU-6A	DESCRIPTION AIR HANDLING UNIT PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS, INSTALLED B E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE EAST BOOKSTORE	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208 208 208	26 BHASE	Image: Non-Section of the section		30.80	F. NEMA 5 G. NEMA H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SUNC 300 45 45 45	UNIT DIS UNIT DIS UNIT DIS 3 400 3 60 3 60 4 60	Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45 45 45 45	- FULL I - MININ - VARIA HORSE	LOAD AM AUM CIRE POWER POWER 4 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1	PS CUIT AMF EQUENCY 600KCM #4 #4 #4 #4 #10 #10 #10 #10 #10 #10	PS (DRIVE RES S QS QS 1 #3 #10 #10 #10 #10 #10 #10 #10 #10	E Inn ZZS 4" 4" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMON NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMON NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMON NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-3A TU-3A TU-4A TU-5A TU-5A TU-6A TU-7A	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED AND INSTALLED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHER Image: Roof ROOF Image: Roof <td< td=""><td>ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208</td><td>26 BHASE</td><td>Image: Non-Section of the section of the section</td><td></td><td>30.80</td><td>F. NEMA 5 G. NEMA H. NEMA 5 J. DIRECT 268.00 38.50 38.50</td><td>5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300</td><td></td><td>Project No CLE CLE CLE CLE CLE CLE CLE CLE CLE CLE</td><td>ER SUNE 300 45 45</td><td>UNIT DIS UNIT DIS UNIT DIS 3 400 3 60 3 60 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45 45 45 45</td><td>- FULL L - MINIM - VARIA HORSE</td><td>-OAD AM AUM CIRE POWER </td><td>PS CUIT AMF EQUENCY 600KCM #4 #4 #4 #4 #10 #10 #10 #10 #10 #10 #10</td><td>PS (DRIVE RES ZS QS 1 #3 #10 #10 #10 #10 #10 #10 #10 #10 #10</td><td>E LINN BZIS 4" 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"</td><td>SHORT CIRCUIT CURRENT (A)</td><td></td><td>REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONTAND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT.</td></td<>	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208	26 BHASE	Image: Non-Section of the section		30.80	F. NEMA 5 G. NEMA H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SUNE 300 45 45	UNIT DIS UNIT DIS UNIT DIS 3 400 3 60 3 60 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45 45 45 45	- FULL L - MINIM - VARIA HORSE	-OAD AM AUM CIRE POWER 	PS CUIT AMF EQUENCY 600KCM #4 #4 #4 #4 #10 #10 #10 #10 #10 #10 #10	PS (DRIVE RES ZS QS 1 #3 #10 #10 #10 #10 #10 #10 #10 #10 #10	E LINN BZIS 4" 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4"	SHORT CIRCUIT CURRENT (A)		REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONTAND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMO NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH ANWIRE FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID UNIT ID	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP PUMP VAV TERMINAL UNIT VAV TERMINAL UNIT	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHER LOCATION ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE EAST BOOKSTORE OPEN OFFICE	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208	26 BHASE	Image: Non-Section of the section		30.80	F. NEMA 5 G. NEMA H. NEMA 5 J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300		Project No CLE	ER SAWE 300 45 45	UNIT DIS UNIT DIS UNIT DIS UNIT DIS SAWE 3 400 3 60 3 60 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Key: FLA MCA VFD HP-H CONNE 300 45 45 45 45 45 45 45	- FULL L - MINIM - VARIA HORSE CT SELO	-OAD AM AUM CIRE POWER ON BLE FRE POWER 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1	PS CUIT AMF EQUENC	PS (DRIVE RES 25 QS 1 #3 #10 #10 #10 #10 #10 #10 #10 #10 #10	E LINN JZIS 4" 4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4	SHORT CIRCUIT CURRENT (A)		REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. FOR NEW PUMP MOTOR CIRCUIT.
UNIT ID AHU-7 P-1 P-2 TU-1A TU-2A TU-2A TU-3A TU-3A TU-4A TU-5A TU-5A TU-5A TU-5A TU-5A TU-5A TU-5A TU-5A TU-7A VFD-1 VFD-2	DESCRIPTION AIR HANDLING UNIT AIR HANDLING UNIT PUMP VAV TERMINAL UNIT VARIABLE FREQUENCY DRIVE VARIABLE FREQUENCY DRIVE	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED B C. FURNISHED BY OTHERS, INSTALLED BY D. FURNISHED AND INSTALLED BY OTHER E. FURNISHED AND INSTALLED BY OTHER ROOF ROOF WEST OFFICES NORTH BOOKSTORE SOUTH BOOKSTORE EAST OFFICES MAIN ENTERANCE EAST BOOKSTORE OPEN OFFICE	ON 23 D BY DIVISION 2 ON 26 BY DIVISION 26 RS 208 208 208 208 208 208 208 208	26 BHASE	нчны			F. NEMA G. NEMA H. NEMA J. DIRECT 268.00 38.50 38.50	5-15R REC 5-20R REC 6-20R REC 5-50R REC T CONNEC 300 300		Project No CLE	ER Sawe 300 45 45	UNIT DIS UNIT DIS UNIT UNIT UNIT UNIT DIS UNIT UNIT UNIT UNIT UNIT UNIT UNIT UNIT	Key: FLA MCA VFD HP- I CONNE 300 45 45 45 45 45 45 45 45	- FULL L - MINIM - VARIA HORSE CT SEC - SEC - SE	-OAD AM AUM CIRE POWER ON BLE FRE POWER 4 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1	PS CUIT AMF QUENC WII 600KCM #4 #4 #4 #4 #10 #10 #10 #10 #10 #10 #10 #10	PS (DRIVE RES RES NO 1 #3 #10 #10 #10 #10 #10 #10 #10 #10	E LINONOS 3/4" 1 1/2" 1 1/2" 1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4" 3/4	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONE AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOI NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOI NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOI NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. FOR NEW PUMP MOTOR CIRCUIT. FOR PUMP P-1 FOR PUMP P-2 PELOCATED TO MEM FAMORET IN MEDICINATION

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	<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS	N 23 BY DIVISION 2 N 26 DIVISION 26 S	6			F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIREC	5-15R RECEP 5-20R RECEP 6-20R RECEP -50R RECEPT CONNECTIO	Proje TACLE TACLE TACLE TACLE DN	ct No: 191	424	<u>Key:</u> Fla - Ful Mca - Mii VFD - Vai HP- Hors	L LOAD A NIMUM CIF RIABLE FF SE POWEF	MPS RCUIT AMF REQUENCY R	PS 7 DRIVE				
								BR	EAKER	UNIT D	ISCONNECT		WIF	RES				
DESCRIPTION	LOCATION	NOLTS	PHASE	윺	LOAD (KVA) FLA	MCA	MOCP EMER CKT	POLE	AMPS	POLE	FUSE	NOTES PHASE NO.	PHASE SZ	GND SZ	CONDUIT SIZE	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
P UNIT (STUDENT GOV.)	PLENUM (LOUNGE AREA)	208	3		6.00				3 30	3 6	60 30	4	#4	#10	1 1/2"		P:19,21,23	PROVIDE NEMA RATED DISCONNECT SWITCH, CONDU AND WIRE FOR NEW UNIT
P UNIT (STUDENT GOV.)	ROOF	208	3			50.10	60		3 60	3 6	60	4	#4	#10	1 1/2"		P:1,3,5	PROVIDE NEMA 3R DISCONNECT SWITCH, CONDUIT AN WIRE FOR NEW UNIT
INAL UNIT	FOOD BANK	120	1										#10	#10	3/4"			
WATER HEATER	MEDITATION ROOM	120	2		8.32				2 40				#8	#10	1"		P:2,4	RELOCATED TO NEW FAUCET IN MEDITATION ROOM
						.				104		1						
	Notes:							Proje	Ct NO: 1914	424	<u>Key:</u>							
	<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS	N 23 BY DIVISION 2 N 26 DIVISION 26 S	6			F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIREC ⁻¹	5-15R RECEP 5-20R RECEP 6-20R RECEP -50R RECEPT CONNECTIO	Proje TACLE PTACLE PTACLE TACLE DN	CT NO: 191	424	<u>Key:</u> Fla - Ful Mca - Mii VFD - Vai HP- Hors	l Load a Nimum Cif Riable Fr Se Powef	MPS RCUIT AMF REQUENCY R	PS Ý DRIVE				
	<u>Notes:</u> A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS	N 23 BY DIVISION 2 N 26 DIVISION 26 S	6			F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIREC ⁻	5-15R RECEP 5-20R RECEP 5-20R RECEP 50R RECEPT CONNECTIO	Proje PTACLE PTACLE PTACLE FACLE DN BR	EAKER	UNIT D	<u>Key:</u> FLA - FUL MCA - MII VFD - VAI HP- HORS	L LOAD A NIMUM CIF RIABLE FF SE POWEF	MPS RCUIT AMF REQUENCY R WIF	PS 7 DRIVE RES				
DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS LOCATION	N 23 BY DIVISION 2 N 26 DIVISION 26 S	BHASE	£	LOAD (KVA) FLA	F. NEMA G. NEMA H. NEMA I. NEMA 5 J. DIREC	5-15R RECEP 5-20R RECEP 5-20R RECEP 5-20R RECEP CONNECTION CONNECTION CONNECTION CONNECTION CONNECTION	Proje		UNIT D UNIT D UNIT D	Key: FLA - FUL MCA - MII VFD - VAI HP- HORS	L LOAD A NIMUM CIF RIABLE FR SE POWEF	MPS RCUIT AMF REQUENCY R WIF	PS 7 DRIVE RES S GND	CONDUIT SIZE	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS
DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS LOCATION ROOF	N 23 BY DIVISION 2 DIVISION 26 S S 208	BHASE	<u></u>	LOAD (KVA) FLA	F. NEMA G. NEMA H. NEMA J. DIREC UNICE	5-15R RECEP 5-20R RECEP 5-20R RECEP 5-20R RECEP CONNECTION CONNECT	Proje	EAKER 3 300	UNIT D UNIT D O O 3 40	Key: FLA - FUL MCA - MII VFD - VAI HP- HOR: ISCONNECT State O0 300	L LOAD A NIMUM CIF RIABLE FF SE POWEF	MPS RCUIT AMF REQUENCY R WIF SSSH 600KCM	PS 7 DRIVE RES S GND I #3	SIZE 4"	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONDU AND WIRE NEEDED FOR NEW LOCATION FOR UNIT.
DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS LOCATION ROOF	N 23 BY DIVISION 26 DIVISION 26 S 208 208	26 BHASE 3 3	₽	FLA LOAD (KVA)	F. NEMA G. NEMA H. NEMA J. DIREC 268.00 38.50	5-15R RECEP 5-20R RECEP 5-20R RECEP 5-20R RECEP CONNECTION 300	Proje	EAKER 3 300 3 45	UNIT D HOA 3 40 3 6	Key: FLA - FUL MCA - MII VFD - VAI HP- HORS ISCONNECT SO0 300 45	L LOAD A NIMUM CIF RIABLE FF SE POWEF ON BANK A 4	MPS RCUIT AMF REQUENCY R WIF S 3SHd 600KCM #4	PS PRIVE PRIVE PRIVE PRIVE PRIVE PS PS PRIVE PS PS PRIVE PS PRIVE PS PRIVE PR	LINGNOD SIZE 4" 1 1/2"	SHORT CIRCUIT CURRENT (A)	CIRCUIT NUMBER	REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONDU AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMOD/ NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
DESCRIPTION	Notes: A. FURNISHED AND INSTALLED BY DIVISIO B. FURNISHED BY DIVISION 23, INSTALLED C. FURNISHED AND INSTALLED BY DIVISIO D. FURNISHED BY OTHERS, INSTALLED BY E. FURNISHED AND INSTALLED BY OTHERS Image: Computer of the state of th	N 23 BY DIVISION 26 DIVISION 26 S 208 208 208	26 BHASE 3 3 3	말 10	ETA [040 (K/A) 30.80	F. NEMA G. NEMA H. NEMA J. DIREC 268.00 38.50	5-15R RECEP 5-20R RECEP 5-20R RECEP 5-20R RECEP CONNECTION 300	Proje	EAKER 3 300 3 45 3 45	UNIT D HOC 3 40 3 6 3 6	Key: FLA - FUL MCA - MII VFD - VAI HP- HORS ISCONNECT State 00 300 300 45 60 45	L LOAD A NIMUM CIF RIABLE FF SE POWEF DHASE NO. 4 4 4	MPS RCUIT AMF REQUENCY R WIF 600KCM #4 #4	PS PRIVE RES RES RS RS RS RS RS RS RS RS RS R	4" 1 1/2"	SHORT CIRCUIT CURRENT (A)		REMARKS REUSE EXISTING BREAKER FEEDING REMOVED MZU-5. PROVIDE A NEW NEMA 3R DISCONNECT SWITCH, CONDU AND WIRE NEEDED FOR NEW LOCATION FOR UNIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODA NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT. REUSE EXISTING CIRCUIT CONDUIT FEEDING REMOVED PUMP AND REPLACE CIRCUIT BREAKER TO ACCOMMODA NEW LOAD. PROVIDE A NEW DISCONNECT SWITCH AND WIRE FOR NEW PUMP MOTOR CIRCUIT.
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