

MECHANICAL EQUIPMENT POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
DHP-1	208V/1PH	60A/2P/NEMA 3R, NON-FUSED	MDP-23,25	1,2,4
DHP-2	208V/1PH	30A/2P/NEMA 3R, NON-FUSED	MDP-26,28	1,2,4
DFCU-1	208V/1PH	60A/2P/NEMA 1, NON-FUSED	MDP-23,25	1,2,4
DFCU-2	208V/1PH	30A/2P/NEMA 1, NON-FUSED	MDP-26,28	1,2,4
FCU-1	208V/1PH	60A/2P/NEMA 1, NON-FUSED	MDP-35,37	4
FCU-2	208V/1PH	60A/2P/NEMA 1, NON-FUSED	MDP-34,36	4
FCU-3	208V/1PH	60A/2P/NEMA 1, NON-FUSED	MDP-38,40	4
HP-1	208V/1PH	60A/2P/NEMA 3R, NON-FUSED	MDP-39,41	4
HP-2	208V/1PH	30A/2P/NEMA 3R, NON-FUSED	MDP-42,44	4
HP-3	208V/1PH	30A/2P/NEMA 3R, NON-FUSED	MDP-43,45	4
EWH-1 (Wall Heater)	208V/1PH	MOTOR RATED SWITCH	MDP-27,29	
EWH-2 (Wall Heater)	208V/1PH	MOTOR RATED SWITCH	MDP-30,32	
UH-1	120V/1PH	MOTOR RATED SWITCH	MDP-31	
UH-2	120V/1PH	MOTOR RATED SWITCH	MDP-33	
L-1	120V/1PH	MOTOR RATED SWITCH	A-53	3,5,6
L-2	120V/1PH	MOTOR RATED SWITCH	A-53	3,5,6
L-3	120V/1PH	MOTOR RATED SWITCH	A-53	3,5,6
L-4	120V/1PH	MOTOR RATED SWITCH	A-53	3,5,6
WH-1 (Water Heater)	208V/1PH	30A/2P/NEMA 1, NON-FUSED	MDP-66,68	
WH-2 (Water Heater)	208V/1PH	30A/2P/NEMA 1, NON-FUSED	MDP-70,72	

NOTES:
 1. CONTRACTOR SHALL ROUTE POWER CIRCUIT VIA OUTDOOR UNIT (DHP) AND EXTEND CIRCUIT INTO INTERIOR UNIT (DFCU).
 2. PROVIDE NEMA 3R DISCONNECT FOR EXTERIOR UNIT AND NEMA 1 DISCONNECT FOR INTERIOR.
 3. CIRCUIT IS SHARED BY MORE THAN SINGLE EQUIPMENT.
 4. DO NOT MOUNT DISCONNECT ON EQUIPMENT.
 5. WIRE THRU LINE VOLTAGE CONTACTOR AS FINISHED BY DIV 23.
 6. INTERLOCK WITH EQUIPMENT CONTROL CIRCUIT OF OTHER EQUIPMENT. SEE MECHANICAL FOR DETAILS.

MECHANICAL EXHAUST FAN EQUIPMENT POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
EF-1	208V/3PH	30A/3P/NEMA 1, NON-FUSED	MDP-46,48,50	3,4
EF-2	208V/3PH	30A/3P/NEMA 1, NON-FUSED	MDP-47,49,51	3,4
EF-3	208V/3PH	30A/3P/NEMA 1, NON-FUSED	MDP-52,54,56	3,4
EF-4	208V/3PH	30A/3P/NEMA 1, NON-FUSED	MDP-53,55,57	3,4
EF-5	120V/1PH	INTEGRAL DISCONNECT	B-56	1,2,5
EF-6	120V/1PH	INTEGRAL DISCONNECT	B-56	1,2,5
EF-7	120V/1PH	INTEGRAL DISCONNECT	MDP-58	1,5
HVLS-1	208V/3PH	SEE NOTE 6	MDP-59,61,63	7,8
HVLS-2	208V/3PH	SEE NOTE 6	MDP-60,62,64	7,8
HVLS-3	208V/3PH	SEE NOTE 6	MDP-65,67,69	7,8

NOTES:
 1. WIRE THRU SPEED CONTROLLER BY MECHANICAL.
 2. CIRCUIT IS SHARED BY MORE THAN SINGLE EQUIPMENT.
 3. WIRE THRU PUSHBUTTON STARTER BY MECHANICAL. SEE MECHANICAL PLANS FOR DETAILS AND LOCATION.
 4. DO NOT MOUNT DISCONNECT ON EQUIPMENT.
 5. WIRE THRU MOTION SENSOR BY MECHANICAL.
 6. PROVIDE 30A/3P/NEMA 1, NON-FUSED TWIST LOCKING TYPE DISCONNECT.
 7. WIRE THRU WALL MOUNTED KEYPAD CONTROLLER PROVIDED BY MANUFACTURER. SEE MECHANICAL PLANS AND MANUFACTURER INSTALLATION INSTRUCTIONS FOR DETAILS.
 8. INTERFACE WITH FIRE ALARM SYSTEM. SEE LOW VOLTAGE DRAWINGS FOR DETAILS.

LIGHTING FIXTURE SCHEDULE						
Type Mark	LAMPS	VOLTAGE	MANUFACTURER	MODEL NO.	DESCRIPTION	NOTES
A	LED	120 V	Acuity Brands Lighting	2BL T4 72L ADP LP840	BLT 2x4 7200 NOMINAL LUMENS Curved Linear Prismatic lens 4000K CCT, RECESSED	
B	LED	120 V	Acuity Brands Lighting	2BL T4 60L ADP LP840	BLT 2x4 6000 NOMINAL LUMENS Curved Linear Prismatic lens 4000K CCT, RECESSED	
C	LED	120 V	Acuity Brands Lighting	2BL T4 48L ADP LP840	BLT 2x4 4800 NOMINAL LUMENS Curved Linear Prismatic lens 4000K CCT, RECESSED	
D	LED	120 V	Acuity Brands Lighting	2BL T2 20L ADP LP840	BLT 2x2 2000 NOMINAL LUMENS Curved Linear Prismatic lens 4000K CCT, RECESSED	
E	LED	120 V	Acuity Brands Lighting	XIB L48 3000LM ATWD 40K 80CRI SBR6 D	HIGH BAY 2x4 LED PENDANT LED	4,5
F	LED	120 V	Acuity Brands Lighting	CLX L48 5000LM SEF FFL MVOLT G210 40K 80CRI HC36 WGC/LV6	CLX 48 LENGTH 5000 LUMENS FROSTED DIFFUSER 4000 K W/ W/REGUARD, CHAIN HUNG	
G	LED	120 V	Acuity Brands Lighting	WST LED P3 40K VF MVOLT	LED ARCHITECTURAL, TRAPEZOIDAL WALL PACK	
H	LED	120 V	Acuity Brands Lighting	XIB L48 2400LM ATWD 40K 80CRI SBR6 D	HIGH BAY 2x4 LED PENDANT LED	4,5
I	LED	120 V	Acuity Brands Lighting	VL4 48L E2I LP840	WALL MOUNT LED FIXTURE, SURFACE MOUNT	3
X1	LED	120 V	Acuity Brands Lighting	LES WR ELN	Cast Aluminum, Stencil Face, Led Single Face Exit with Chevron Arrows, Ceiling Mount	

NOTES:
 1. GENERAL: ARCHITECT SHALL DETERMINE FIXTURE FINISHES.
 2. GENERAL: EQUALS BY HUBBELL LIGHTING AND COOPER LIGHTING.
 3. MOUNT FIXTURE PARALLEL TO THE FLOOR. FIXTURE SHALL BE 10'-0" AFF.
 4. FIXTURE SHALL BE 20'-0" AFF.
 5. PROVIDE WITH 360 DEG HIGH MOUNT MOTION SENSOR AND DIMMING TO 30% TRM.

LIGHTING RELAY PANEL SCHEDULE			
PANEL NAME: LCPC			
RELAY #	CIRCUIT NUMBER	DESCRIPTION OF LOAD	NOTES
1	A-3	WAREHOUSE LIGHTING	
2	A-5	WAREHOUSE LIGHTING	
3	A-7	WAREHOUSE LIGHTING	
4	A-9	WAREHOUSE LIGHTING	
5	A-11	WAREHOUSE LIGHTING	
6	A-13	WAREHOUSE LIGHTING	
7	A-15	WAREHOUSE LIGHTING	
8	A-17	WAREHOUSE LIGHTING	
9	A-19	WAREHOUSE LIGHTING	
10	EA-12	EXTERIOR LIGHTING	VIA TC & PC
11	EA-13	EXTERIOR LIGHTING	VIA TC & PC
12	SPARE		
13	SPARE		
14	SPARE		
15	SPARE		
16	SPARE		

NOTES:
 1. EXTERIOR LIGHTING CIRCUITS SHALL BE PROGRAMMED FOR PHOTO CELL AND TIME CLOCK 2 FUNCTIONS

LIGHTING RELAY PANEL SCHEDULE			
PANEL NAME: LCPC			
RELAY #	CIRCUIT NUMBER	DESCRIPTION OF LOAD	NOTES
1	B-5	CORRIDOR LIGHTING	
2	B-7	WAREHOUSE LIGHTING	
3	B-9	WAREHOUSE LIGHTING	
4	B-11	WAREHOUSE LIGHTING	
5	B-13	WAREHOUSE LIGHTING	
6	B-15	WAREHOUSE LIGHTING	
7	B-17	WAREHOUSE LIGHTING	
8	B-19	WAREHOUSE LIGHTING	
9	B-21	WAREHOUSE LIGHTING	
10	SPARE		
11	SPARE		
12	SPARE		
13	SPARE		
14	SPARE		
15	SPARE		
16	SPARE		

NOTES:

ELECTRICAL LEGEND	
LIGHTING FIXTURES - SEE LIGHTING FIXTURE SCHEDULE	
	TYPICAL LED 2'x4' FIXTURE
	TYPICAL LED 1'x4' FIXTURE
	TYPICAL LED RECESSED MOUNTED DOWNLIGHT FIXTURE
	EXIT LIGHT FIXTURE - WALL, CEILING
	TYPICAL EMERGENCY EGRESS FIXTURE DENOTED BY CROSS SLASH
SWITCHES AND LIGHTING CONTROLS	
	SINGLE POLE SWITCH
	TWO POLE SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	THREE WAY, KEY OPERATED SWITCH
	FOUR WAY, KEY OPERATED SWITCH
	SINGLE POLE, DIMMER SWITCH
	SINGLE POLE, LOW VOLTAGE DIMMER SWITCH
	SINGLE POLE, KEY SWITCH
	SINGLE POLE, PILOT LIGHT
	SINGLE POLE, OCCUPANCY SENSOR
	OCCUPANCY SENSORS
	EMERGENCY LIGHTING CONTROL UNIT
	ELECTRICAL LOCK FOR DOOR PACK
CONVENIENCE OUTLETS	
	SIMPLEX OUTLET
	DUPLEX OUTLET - WALL, CEILING
	DUPLEX OUTLET ABOVE COUNTER - WALL
	ISOLATED GROUND DUPLEX OUTLET - WALL
	QUADRUPLEX OUTLET - WALL, CEILING
	SPECIAL PURPOSE OUTLET - WALL, CEILING
	JUNCTION BOX - WALL, CEILING
	DATA OUTLET - WALL, CEILING
	CORD REEL
NOTE: IG = ISOLATED GROUND GFCI = GROUND FAULT CIRCUIT INTERRUPTER	
ELECTRICAL PANELS - SEE SCHEDULE AND RISERS	
	ONE SECTION PANEL
	TWO SECTION PANEL
	THREE SECTION PANEL
	TRANSFORMER
	AUTO TRANSFER SWITCH
	SWITCHBOARD OR MOTOR CONTROL CENTER
CIRCUITS	
	RACEWAY IN CEILING OR WALL
	ONE CROSSMARK PER WIRE, 2 WIRES UNLESS SHOWN
	HOMERUN - ONE ARROW PER CIRCUIT
	RACEWAY UNDER FLOOR OR SLAB
	EXPOSED RACEWAY
	FLEXIBLE RACEWAY
	CONDUIT - UP, DOWN
GENERAL EQUIPMENT	
	CABLE TRAY
	DISCONNECT (SEE DRAWING FOR F= FUSED, NR= NON-FUSED)
	MOTOR CONTROLLER
	STARTER / DISCONNECT
	ENCLOSED CIRCUIT BREAKER
	PUSH BUTTON
	SINGLE POLE, MOTOR RATED CONTACTOR
	RELAY
	EMERGENCY KILL SWITCH
COMMUNICATION AND PROTECTION	
	FIRE ALARM PANEL (FAA= ANNUNCIATOR PANEL)
	FIRE ALARM PULL STATION
	FIRE ALARM HORN - STROBE
	FIRE ALARM SPEAKER - STROBE
	INDICATION STROBE
	SMOKE DETECTOR (H=HEAT DETECTOR)
	DOOR HOLDER
	DUCT MOUNTED SMOKE DETECTOR
	HEAT DETECTOR
	CONTROL MODULE
	DIGITAL CLOCK - WALL, CEILING (D= DOUBLE FACE)
	SPEAKER - CEILING, WALL
	AUDIO VIDEO CONNECTIONS
	AUDIO VIDEO / AUDIO VIDEO CONTROLLER
	DATA OUTLET (F= QUANTITY OF DATA OUTLETS)
	ACCESS POINT
SECURITY	
	CARD READER
	KEY PAD
	ELECTRIC STRIKE
	REQUEST TO EXIT
	DOOR STATUS MONITOR
	MOTION DETECTOR
	GLASS BREAK DETECTOR
	VIDEO SURVEILLANCE CAMERA (270 OR 360 = DEGREES OF VIEW RANGE)

ISSUANCES

DATE	Description

KEY PLAN

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PROJECT:
 HENRY COUNTY SCHOOLS - DISTRIBUTION CENTER

CLIENT:
 HENRY COUNTY BOARD OF EDUCATION

SHEET TITLE:
 SCHEDULES & LEGEND

PROJECT NUMBER: 201827
 DATE: 08.13.20
 SCALE: AS SHOWN
 DRAWN BY: SMN
 CHECKED BY: NHO

SHEET NO.: E8.12