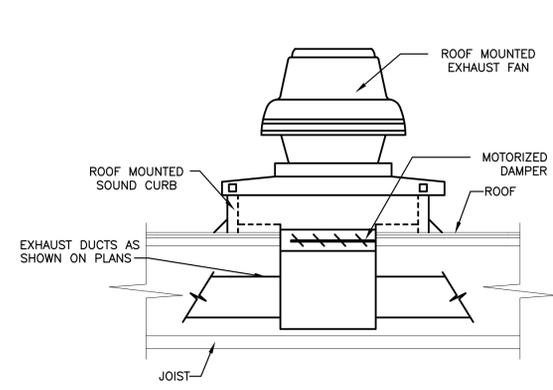
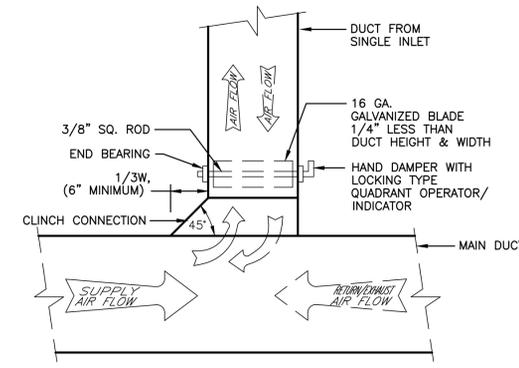


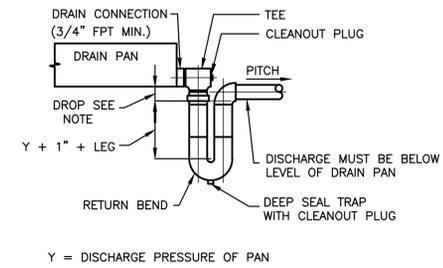
1 TYPICAL DIFFUSER CONNECTION
N.T.S.



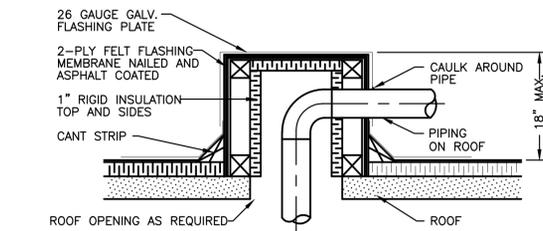
2 ROOF MOUNTED EXHAUST FAN ON FLAT ROOF
N.T.S.



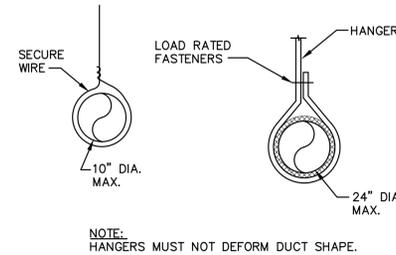
3 TYPICAL SUPPLY/RETURN (EXHAUST) DUCT TAP
N.T.S.



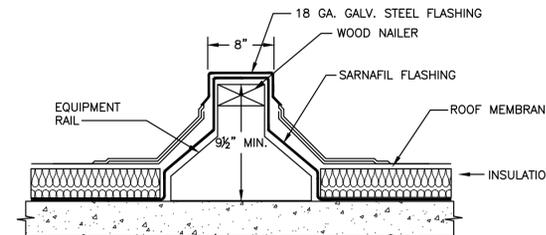
4 DRAIN PAN WATER SEAL PIPING DETAIL
N.T.S.



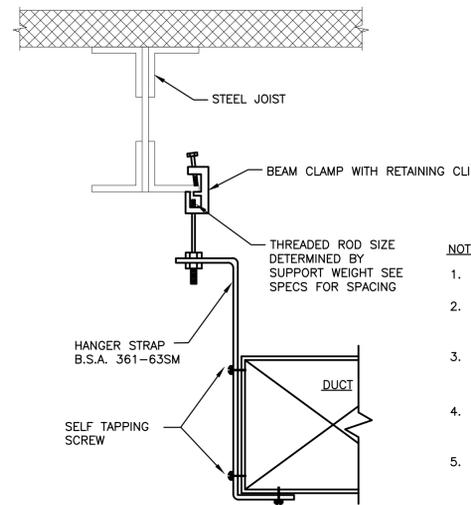
5 PIPING THROUGH ROOF
N.T.S.



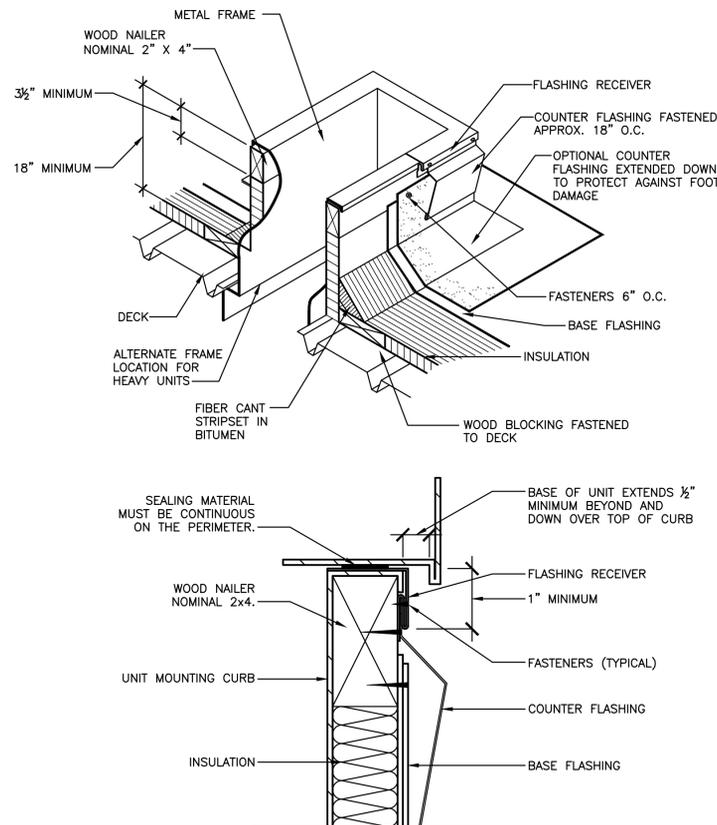
6 ROUND DUCT HANGING DETAIL
N.T.S.



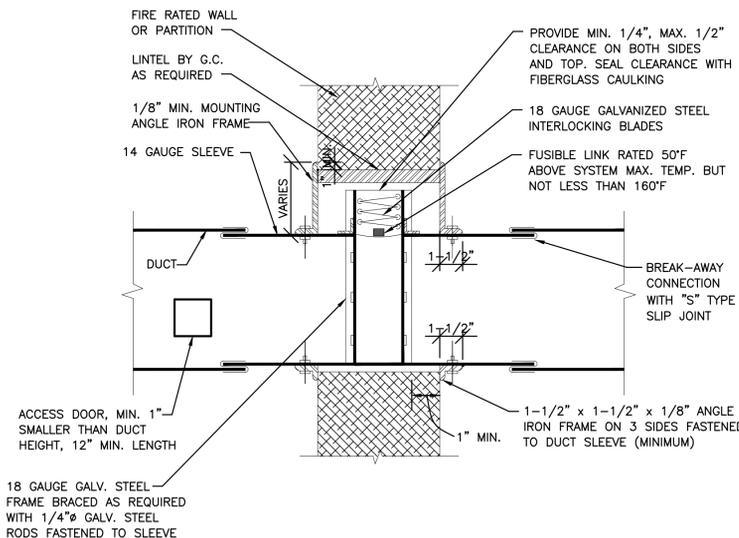
7 ROOF EQUIPMENT RAIL DETAIL FOR RTU-2-6
N.T.S.



8 METHOD OF HANGING DUCTWORK
N.T.S.



9 ROOFTOP CURB DETAIL FOR ERV
N.T.S.



10 SHUTTER TYPE FIRE DAMPER FOR LOW PRESSURE SYSTEMS DETAIL
N.T.S.

EXHAUST FAN SCHEDULE										"GREENHECK" AS STANDARD OR APPROVED EQUAL	
UNIT NO.	SERVICE	LOCATION	CFM	E.S.P. (IN.)	DRIVE	FAN RPM	FAN BHP	MOTOR HP (HP)	ELEC. DATA V/Hz/PH	MODEL NO.	REMARKS
EF-1,2	RESTROOM	ROOF	200	0.27	DIRECT	966	0.02	1/30	115/60/1	G-095-E	-
EF-3	RESTROOM	ROOF	300	0.3	DIRECT	902	0.02	1/30	115/60/1	G-095-E	-

- NOTES:
1. FURNISH WITH SOUND ATTENUATING ROOF CURBS.
2. PROVIDE WITH BACKDRAFT DAMPER.

PACKAGED ROOFTOP UNIT SCHEDULE												"DAIKIN" AS STANDARD OR APPROVED EQUAL		
UNIT NO.	LOCATION	CFM		COOLING (MBH)		COOLING AIR DATA		ELECTRIC HEATING DATA		EVAPORATOR FAN				
		TOTAL	MIN. O.A.%	TOTAL	SENSIBLE	EAT (°F) DB/WB	LAT (°F) DB/WB	CAPACITY KW/MBH	NO. OF COILS	NO. OF STAGES	SP IN. WC.	MAX BHP	MOTOR HP	DRIVE
RTU-1	ROOF	1,435	20%	59		77.1/64.1	55.5/52.1	10/34		1	0.4-1	0.72	0.33	DIRECT
RTU-2		1,580												
RTU-3		1,585												
RTU-4		1,435												
RTU-5		1,320												

- NOTES:
1. FURNISH WITH THE FOLLOWING OPTIONS:
A. ACOUSTIC ROOF CURB FACTORY BUILT CURB. ADAPTER
B. 30% PRE-FILTER (2" PLEATED)
C. STAINLESS STEEL DRAIN PAN
D. SUPPLY AIR SMOKE DETECTOR
E. FACTORY INSTALLED DOWNFLOW ECONOMIZER STANDARD LOW-LEAK JADE ENTHALPY SENSOR AND POWER EXHAUST PROP DOWNFLOW ECONOMIZER
F. UNIT MOUNTED DISCONNECT AND CONVENIENCE OUTLET.
G. VERTICAL SUPPLY AND RETURN AIR FLOW
H. HINGED ACCESS DOORS
I. ELECTRIC HEAT KIT 10 KW (EHSD-3510), 15 KW (EHSD-3515), 2YOV/3P

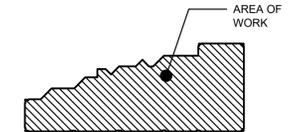
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KEY PLAN: NOT TO SCALE
FIRST FLOOR



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DRAWING TITLE:
HVAC: DETAILS AND SCHEDULES

PROJECT NUMBER
21019
DATE
3/21/2022
DRAWING NUMBER

SCALE
AS NOTED

H7.1

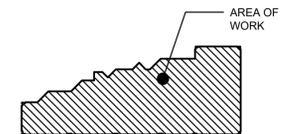
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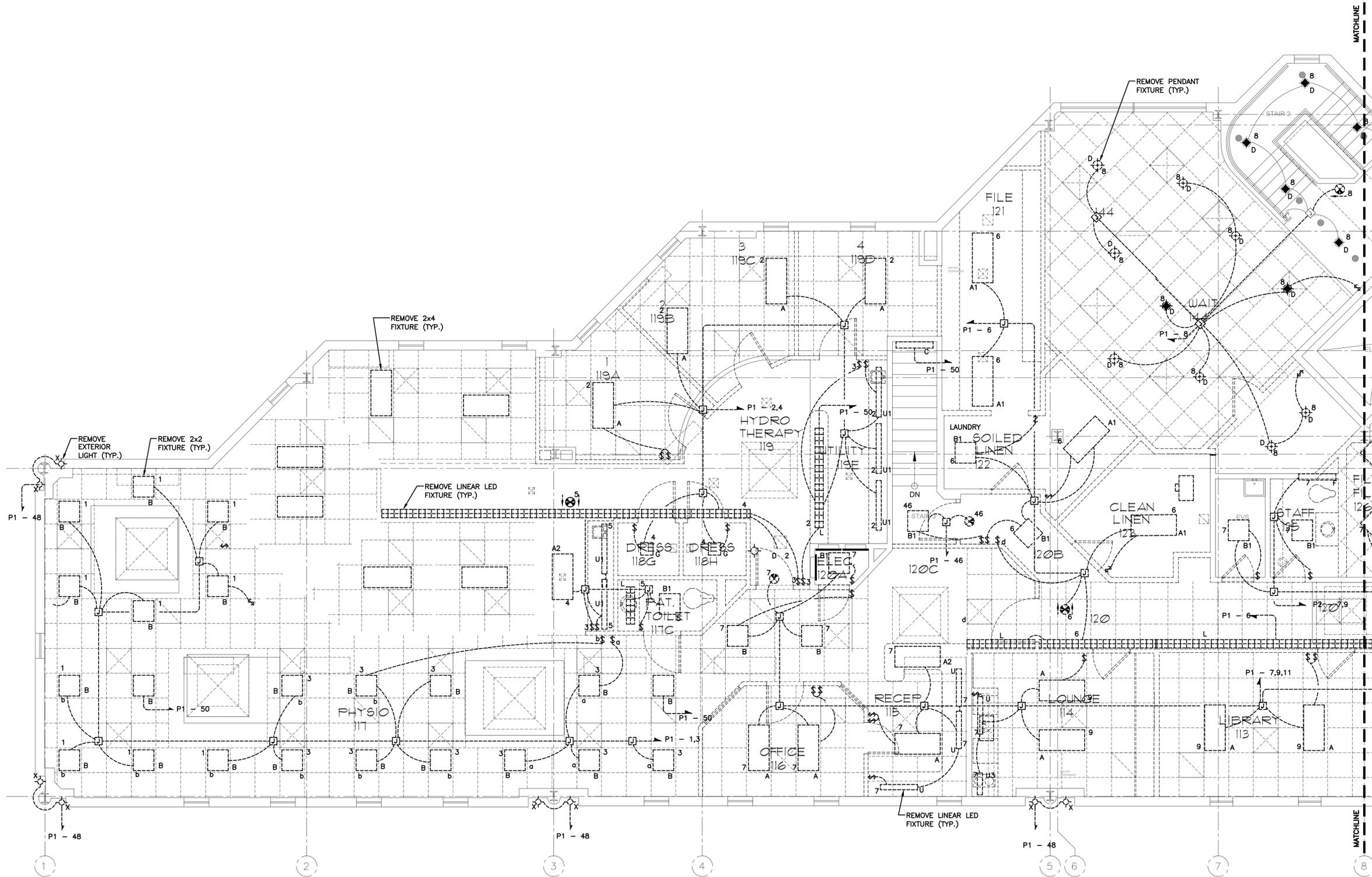
DRAWING TITLE:
**ELECTRIC: LIGHTING
DEMOLITION FLOOR
PLAN - SECOND FLOOR**

PROJECT NUMBER
21019

DATE 3/21/2022 SCALE AS NOTED

DRAWING NUMBER

ED2.1



1 ELECTRICAL: LIGHTING DEMOLITION FLOOR PLAN - SECOND FLOOR
SCALE: 1/4"=1'-0"

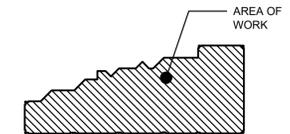
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NEW CITY, NY 10956

KEY PLAN: NOT TO SCALE
FIRST FLOOR



LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
LIGHTS IN THERAPY RM	EXISTING CONDUCTORS	20	20	EXISTING CONDUCTORS	LIGHTS IN JACOUSI AREA
LIGHTS IN THERAPY RM					LIGHTS IN ELECTRICAL RM
LIGHTS IN EXAM RM					LIGHTS IN HALL
LIGHTS IN 115 RECEPTION RM					LIGHTS
LIGHTS					POWER IN EXAM RM
LIGHTS X-RAY					POWER IN EXAM RM
POWER THERAPY					POWER JACOUSI
POWER THERAPY					POWER JACOUSI HALL
POWER THERAPY					JACOUSI COUNTER
ICE MACHINE					JACOUSI COUNTER
JACOUSI					SPARE
JACOUSI					DRESS ROOM
JACOUSI					POWER 115
WASHER					POWER 116
DRYER					HALL LIGHTS

EXISTING DEMO POWER PANEL - 1-SECTION 1

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
* DISCONNECT AND REMOVE ALL CONDUCTORS. LABEL CIRCUIT BREAKER AS 'SPARE' AND PREPARE TO RE-CIRCUIT TO NEW LOADS.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
RANGE	EXISTING CONDUCTORS	20	20	EXISTING CONDUCTORS	HALL POWER
RANGE					CANOPY
DISHWASHER					CANOPY
COMPACTOR					ELEVATOR
REFRIGERATOR					ELEVATOR
POWER KITCHEN			30		MGB
POWER KITCHEN					MGB
POWER KITCHEN			20		SYBEY
POWER KITCHEN					SYBEY
POWER KITCHEN					LIGHTS
HIGH HATS-LIBRARY					FIRE ALARM
WAITING ROOM LIGHTS					LIBRARY POWER
RANGE FAN					X-RAY POWER
EXIT NIGHT LIGHTS					COOLER
SIGN					SECURITY

EXISTING DEMO POWER PANEL - 1-SECTION 2

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
* DISCONNECT AND REMOVE ALL CONDUCTORS. LABEL CIRCUIT BREAKER AS 'SPARE' AND PREPARE TO RE-CIRCUIT TO NEW LOADS.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
EXAM 154.1A RECEPT	(2)#12, (1)#12GND, ¾"C	20	20	(2)#12, (1)#12GND, ¾"C	LA TOYA LPN & LAB 152.5A RECEPT
DR ALVAREZ 155.2A RECEPT					EXAM 156.1A RECEPT
DR FERGUSON 158.2A RECEPT					EXAM 157.1A RECEPT
EXAM 159.1A RECEPT					EXAM 160.1A RECEPT
EXAM 161.1A RECEPT					MA STATION 150.1A RECEPT
MA/CORRIDOR/WAITING RECEPT					STAFF TOILET 149.3A & 148.3A
SUPERVISOR OFFICE/RECEPTION RECEPT					RECEPTION 146.2A RECEPT
SHARED WAITING RECEPT					STAFF LOUNGE 116.1A RECEPT
STAFF FRIDGE					STAFF LOUNGE MICROWAVE
EF-1					I.T. 114.1A RECEPT
SPARE	---				CLEAN HOLDING 117.1A RECEPT
TC-1 & CORRIDOR LIGHTS	(2)#12, (1)#12GND, ¾"C				PATIENT TOILET 112.3A RECEPT
CORRIDOR LIGHTS					WEST LIGHTS
BLOOD DRAW 11.5A RECEPT			20	---	SPARE
SHARED WAITING LIGHTS					

EXISTING REVISED POWER PANEL - 1-SECTION 1

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
SPARE	---	20	20	---	SPARE
				EXISTING CONDUCTORS	ELEVATOR
					ELEVATOR
					MGB
					MGB
					SYBEY
					SYBEY
					FIRE ALARM
					LIBRARY POWER
					X-RAY POWER
EXIT NIGHT LIGHTS	EXISTING CONDUCTORS				COOLER
SIGN					SECURITY

EXISTING REVISED POWER PANEL - 1-SECTION 2

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
LIGHTS 101	EXISTING CONDUCTORS	20	20	EXISTING CONDUCTORS	LIGHTS 137, 138, 136
LIGHTS 104					CAST STORAGE
LIGHTS 106					LIGHTS BY 133
LIGHTS DRESSING ROOM					RECEPTION
LIGHTS MAIN HALL					POWER
LIGHTS ROBERTA FILES					BATHROOM
POWER FILE					FILE ROOM
BUS OFFICE S/W					DARK ROOM
FILES + SIGN					DARK ROOM
POWER FILE					COPY MACHINE
POWER FILE					POWER RECEPTION
POWER ROBERTA					CAST STORAGE
POWER CAST					XRAY
SUPPLY					XRAY
CAST 107					CAST 110

EXISTING DEMO POWER PANEL - 2-SECTION 1

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
* DISCONNECT AND REMOVE ALL CONDUCTORS. LABEL CIRCUIT BREAKER AS 'SPARE' AND PREPARE TO RE-CIRCUIT TO NEW LOADS.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
POWER	EXISTING CONDUCTORS	20	20	EXISTING CONDUCTORS	139 BATHROOM
POWER 104					TOILET
POWER 105					POWER HALL
CANOPY					EXISTING LOAD
CANOPY					CALL SYSTEM
CANOPY					POWER ELECTRIC RM
POLE					POWER ELECTRIC RM
POLE					POWER ELECTRIC RM
POLE					POWER 102
POLE					POWER 101
COPIER/PRINTER/FAX					POWER 135
LIGHTS NEAR POSTAGE					POWER 136
LIGHTS					POWER 138
LIGHTS					EXISTING LOAD
BOILER					ACCENT LIGHTS + CANOPY LIGHTS

EXISTING DEMO POWER PANEL - 2-SECTION 2

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
* DISCONNECT AND REMOVE ALL CONDUCTORS. LABEL CIRCUIT BREAKER AS 'SPARE' AND PREPARE TO RE-CIRCUIT TO NEW LOADS.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
TOILET 105/106 RECEPT	(2)#12, (1)#12GND, ¾"C	20	20	(2)#12, (1)#12GND, ¾"C	RECEPTION 109 & 107 RECEPT
RECEPTION 109 RECEPT					EXAM 143 RECEPT
EXAM 142 RECEPT					EXAM 141 RECEPT
EXAM 140 RECEPT					OFFICE 107 & 108 RECEPT
BUSINESS OFFICE 107 RECEPT					FITZPATRICK PROVIDER 139 RECEPT
EXAM 138 RECEPT					FITZPATRICK PROVIDER 137 RECEPT
EXAM 136 RECEPT					EXAM 135 RECEPT
MA STATION 133 RECEPT					MA STATION 133 GFI RECEPT
LAB 132 RECEPT					ELLEN NURSE PRACT. 134 RECEPT
MA STATION 110 RECEPT					TOILET 124, 125, 144 RECEPT
LPN 118 RECEPT					EXAM 119 RECEPT
EXAM 120 RECEPT					EXAM 121 RECEPT
SYPES PROVIDER 123 RECEPT					EXAM 126 & 127 RECEPT
O'DOWD PROVIDER 129 RECEPT					EXAM 128 & 130 RECEPT
EF-3					EF-2

EXISTING REVISED POWER PANEL - 2-SECTION 1

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.

LOAD	CONDUCTORS	C.B.	C.B.	CONDUCTORS	LOAD
EAST LIGHTS	(2)#12, (1)#12GND, ¾"C	20	20	---	SPARE
EAST LIGHTS					SPARE
SPARE	---				SPARE
CANOPY	EXISTING CONDUCTORS			EXISTING CONDUCTORS	EXISTING LOAD
CANOPY					CALL SYSTEM
CANOPY					POWER ELECTRIC RM
POLE					POWER ELECTRIC RM
POLE					POWER ELECTRIC RM
POLE					SPARE
SPARE	---				SPARE
SPARE	---				SPARE
SPARE	---				SPARE
LIGHTS	EXISTING CONDUCTORS			EXISTING CONDUCTORS	EXISTING LOAD
BOILER	EXISTING CONDUCTORS				ACCENT LIGHTS + CANOPY LIGHTS

EXISTING REVISED POWER PANEL - 2-SECTION 2

TYPE: EXISTING
RATING: 200A, 208V/120, 3Ø, 4W
MAINS: MLO
ENCLOSURE: NEMA 1, RECESSED
POLES: 30

NOTES:
1. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
2. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.

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DRAWING TITLE:
**ELECTRICAL:
SCHEDULES**

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AS NOTED

E-8.1

