

PARTIAL ONE LINE DIAGRAM

N.T.S.

GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ITEMS REQUIRED FOR FIRE ALARM SYSTEM INCLUDING ALL DEVICES. MOUNT AUDIO/VISUAL ALARMS @ 90" A.F.F. THE ENTIRE SYSTEM SHALL BE AS REQUIRED BY LOCAL SAFETY CODE AND ADA GUIDELINES.
- EACH 120 VOLT CIRCUIT SERVING ELECTRONIC BALLASTS OR PREWIRED FURNITURE COMPUTERS SHALL HAVE A DEDICATED NEUTRAL.
- NOT USED.
- ALL WORK SHALL COMPLY WITH LATEST EDITION OF N.E.C.
- MOUNT ALL WALL PHONE OUTLETS @ 60" A.F.F. AND @ 18" A.F.F. IN OFFICES.
- ALL BREAKERS SERVING FLUORESCENT LIGHTS SHALL BE RATED FOR SWITCHING DUTY.
- REPLACE ANY NON CODE CONFIRMING EMERGENCY BATTERIES IN EXISTING FIXTURES.
- ADD FIRE ALARM SIGNAL DEVICES TO EXISTING SYSTEM. CONSULT WITH EXISTING MANUFACTURERS FOR ANY ADDITIONAL HARDWARE REQUIRED.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL ELECTRIC CODES.
- COORDINATE ALL WORK WITH OTHER TRADES.
- ALL GENERAL USE WIRE SHALL BE 90°C TYPE THWN/THHN. #10 WIRE AND SMALLER MAY BE SOLID. #8 AND LARGER SHALL BE STRANDED. ARMORED CABLE WITH A GROUND MAY BE USED PROVIDED THE INSULATION RATING MEETS THE REQUIREMENTS DESCRIBED ABOVE AND IS ACCEPTABLE TO LOCAL AUTHORITIES HAVING JURISDICTION.
- PROVIDE SLACK IN FEEDS TO LIGHT FIXTURES TO ALLOW MOVING FIXTURE ONE CEILING TILE IN ANY DIRECTION.
- CONNECT EXIT AND EMERGENCY LIGHTS TO NEAREST LIGHTING CIRCUIT AHEAD OF LOCAL SWITCHES.
- GROUND ALL SYSTEMS ACCORDING TO N.E.C. ALL CIRCUITS OVER 120 VOLTS TO CONTAIN A GROUND WIRE.
- COORDINATE LOCATIONS OF ALL LIGHTING AND DEVICES WITH TENANT PRIOR TO RUNNING FINAL FEEDS.
- ALL CIRCUIT WIRING SHALL BE A MIN. OF #12. HOMERUNS GREATER THAN 75' SHALL BE A MIN. OF #10.
- ALL DEVICES IN PATIENT CARE AREAS TO BE HOSPITAL GRADE.
- ARMORED CABLE IN PATIENT CARE AREAS TO BE UL HEALTH CARE RATED.

DEMOLITION NOTES - APPLIES TO ALL DEMOLITION SHEETS

- ITEMS SHOWN BY DASHED LINES:
 - FLUSH MOUNTED ITEMS IN WALLS THAT ARE TO BE REMOVED - DISCONNECT AND REMOVE ELECTRICAL ITEMS SO A WALL OR A PORTION OF A WALL CAN BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRING COMPLETE BACK TO SOURCE.
 - FLUSH MOUNTED ITEMS IN WALLS THAT REMAIN - DISCONNECT AND REMOVE COVERPLATES, DEVICES AND FITTINGS AND ALL ASSOCIATED WIRING COMPLETE BACK TO SOURCE. PROVIDE BLANK PLATE ON BOX.
 - LIGHTING FIXTURES SHALL BE REMOVED AND TURNED OVER TO OWNER. FIXTURES MAY BE REUSED IF ACCEPTABLE TO AUTHORITY HAVING JURISDICTION. FIXTURES REUSED SHALL BE CLEANED AND RELAMPED.
 - SURFACE MOUNTED ITEMS SHALL BE REMOVED COMPLETELY, INCLUDING RACEWAY AND WIRING BACK TO SOURCE.
 - MAINTAIN ANY THROUGH WIRING TO ITEMS NOT BEING REMOVED. REWORK CONDUIT AND WIRING AS REQUIRED.
- ITEMS SHOWN BY SOLID LINES:
 - ITEM TO REMAIN AND BE REUSED. MAINTAIN EXISTING CIRCUIT SOURCE OR RECONNECT TO NEW CIRCUIT SOURCE AS SHOWN.
- SEE RESPECTIVE PLAN NOTES FOR SPECIFIC ITEM REQUIREMENTS.
- DISCONNECT AND REMOVE ALL ABANDONED CONDUIT AND WIRE SYSTEMS.
- ALL ITEMS REQUIRING DEMOLITION MAY NOT BE SHOWN.

LIGHTING FIXTURE SCHEDULE

FIXTURE CODE ABBREVIATIONS				LAMP ABBREVIATIONS					
CL - CEILING MOUNT	E - EMERGENCY	PO - POLE MOUNT	FLR - FLUORESCENT	FLR - FLUORESCENT	MH - METAL HALIDE				
R - RECESSED	X - EXISTING	B - BOLLARD	INC - INCANDESCENT	INC - INCANDESCENT	LPS - LOW PRESSURE SODIUM				
W - WALL MOUNT	P - PENDANT MOUNT	UC - UNDER COUNTER	MER - MERCURY VAPOR	MER - MERCURY VAPOR	HPS - HIGH PRESSURE SODIUM				
FIXT CODE	MFR.	MODEL	OPTICS	LAMP TYPE	LAMP QTY	LAMP SIZE	VOLT	WATTS	REMARKS
E1	LITHONIA	LESIR-ELN		LED			120	10	-CONNECT AHEAD OF LOCAL CIRCUIT
E2	FAILSAFE	CC-2					120	15	-WALL MOUNTED
R1	LITHONIA	2SPG-432-120A1215	1/8" ACRYLIC	FLR	4	32	120	130	①
R2	LITHONIA	2SPG-232-120A1215	1/8" ACRYLIC	FLR	2	32	120	65	①
R3	HALO	H7600T-TRM6	SPECULAR	INC	1	60	120	60	
R4	LITHONIA	SPF-232-120-A12125	1/8" ACRYLIC	FLR	2	32	120	65	①
R5	MORELIGHT	F548-2DR	ACRYLIC & FILTER	INC	2	75	120	150	②
R6	HALO	C6032-1E-6051-LI-TRM6	SPECULAR	FLR	1	32	120	40	①
CL1	LITHONIA	L-232-WG		FLR	2	32	120	65	①
UC1	ALKCO	HL2138	ACRYLIC	FLR	2-15	13	120	30	①
W1	VISA	CB5120-10F13-WR-CB-WR	WHITE BIRCH	FLR		13	120	20	-COLORS TO BE DETERMINED ①

- ① LAMPS TO BE 3000° K WITH A CRI OF 75 MINIMUM.
- ② FILTER SELECTION BY OWNER.

ELECTRICAL SYMBOL LIST

- TELEPHONE TERMINAL BOARD.
- MULTI-OUTLET PLUG STRIP - SEE RESPECTIVE NOTE.
- NEW FIRE ALARM VISUAL SIGNAL DEVICE AT 80".
- NEW MINI FIRE ALARM HORN/LIGHT COMBINATION.
- OR □ INCANDESCENT CEILING OUTLET, ROUND OR SQUARE OR STEM MOUNTED FIXTURE.
- F6 FLUORESCENT CEILING OUTLET, SURFACE OR STEM MOUNTED FIXTURE, NUMBER AT OUTLET INDICATES CIRCUIT NUMBER.
- OR □ INCANDESCENT CEILING OUTLET, ROUND OR SQUARE RECESS MOUNTED FIXTURE, SUBSCRIPT AT OUTLET CLARIFIES SWITCHING.
- F6 FLUORESCENT CEILING OUTLET, RECESS MOUNTED FIXTURE, LETTER AT OUTLET INDICATES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
- LIGHT FIXTURE CONNECTED TO A NIGHT LIGHT CIRCUIT. MOUNTING HEIGHT.
- ITEMS SHOWN LIGHTLY ARE EXISTING.
- ITEMS SHOWN DASHED ARE TO BE REMOVED OR RELOCATED.
- AT 7'-0" WALL BRACKET OUTLET. DIMENSION AT OUTLET INDICATES NOMINAL MOUNTING HEIGHT.
- ⊗ EXIT SIGN
- ⊞ SINGLE POLE 20 AMP. TOGGLE SWITCH.
- ⊞² TWO POLE 20 AMP. TOGGLE SWITCH.
- ⊞³ 3 WAY 20 AMP. TOGGLE SWITCH.
- ⊞⁴ 4 WAY 20 AMP. TOGGLE SWITCH.
- ⊞ 100A-3PSN, 480V. MAIN BREAKER FOR IMAGING SYSTEM BY E.C.
- ⊞ 100A-3PSN, N.O. MOMENTARY MAGNETIC CONTACTOR WITH LINE MONITOR IN A NEMA 1 ENCLOSURE BY E.C.
- ⊞ ON-OFF MOMENTARY CONTACT SWITCH BY E.C.
- ⊞ LUTRON LUMENA SLIDE TYPE DIMMER WITH PRESET TO MATCH HI-LUME BALLAST.
- ⊞ SINGLE POLE 20 AMP. TOGGLE SWITCH AND PILOT LIGHT COMBINATION.
- ⊞ INCANDESCENT DIMMER IN SEPARATE FLUSH TWO GANG BOX. PROVIDE EXTRA NEUTRAL AS REQUIRED.
- ⊞ SINGLE 20 AMP. 120V. GROUNDING TYPE CONVENIENCE OUTLET.
- ⊞ DUPLX 20 AMP. 120V. GROUNDING TYPE CONVENIENCE OUTLET.
- ⊞ EWC OUTLET FOR ELECTRIC WATER COOLER. ROUGH-IN ACCORDING TO MANUFACTURER'S SHOP DRAWINGS.
- ⊞ JUNCTION BOX.
- ⊞ CIRCUIT CONCEALED IN GROUND FLOOR OR ABOVE CEILING. ARROWS INDICATE NUMBER OF CIRCUITS WITH 3-12 MINIMUM FOR ONE ARROW, 4-12 MINIMUM FOR TWO ARROWS AND 5-12 MINIMUM FOR 3 ARROWS. OTHER SIZES AS NOTED.
- ⊞ CIRCUIT CONCEALED IN CEILING OR WALL. ARROWS INDICATE HOME RUN TO PANELBOARD. LETTERS AND NUMBERS INDICATE PANELBOARD AND CIRCUIT NUMBER.
- ⊞ FLEXIBLE CONDUIT - FINAL CONNECTION TO EQUIPMENT.
- ⊞ USED FOR IDENTIFICATION OF ASSOCIATED PLAN NOTES.
- ⊞ PANELBOARD, TOP AT 72" (120/208V, 3 PHASE, 4W.)
- ⊞ MOTOR OUTLET FINAL MAKEUP WITH FLEXIBLE CONDUIT.
- ⊞ THERMOSTAT LOCATION - ELECTRIC ONLY SHOWN ON THESE PLANS.
- ⊞ HUBBELL IG5352 DUPLEX RECEPTACLE WITH ISOLATED GROUND.
- ⊞ 120 VOLT CONNECTION TO FILM ILLUMINATOR.
- ⊞ QUADRUPLX 20 AMP, 120V. GROUNDING TYPE CONVENIENCE OUTLET.
- ⊞ COMMUNICATIONS OUTLET, 4 1/16" SQUARE BOX WITH A SINGLE GANG COVER AND A 1" CONDUIT WITH PULL WIRE TO ABOVE CEILING.

PANEL NO. EXISTING PANEL LOCATION: CORR. 219

TYPE: MTG. FLUSH

SERVICE: 120/208 V. 3 Ø, 4 W.

MAINS: 225 AMP MAIN LUGS CB

GRD. BUS YES. NOTE

* SPARE BREAKER ** PROV. FOR FUTURE ▲ LOCK ON CLIP

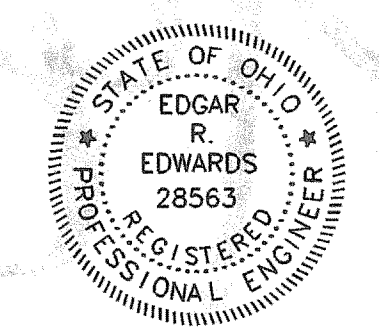
CONNECTED KVA PER PHASE
A 6.099 B 6.170 C 6.270

20A-1P	1	2	20A-1P
	3	4	
	5	6	
	7	8	
	9	10	**
	11	12	
	13	14	
	15	16	
	17	18	
	19	20	
	21	22	
	23	24	
	25	26	
	27	28	
	29	30	
	31	32	
	33	34	
	35	36	
	37	38	
**	39	40	30A-2P
	41	42	
40A-2P			

JASONWAY IMAGING CENTER

FEB. 6, 1998 PROJ. No. : 97045

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- DESIGN DEV. SIGN-OFF
- BIDDING
- BLDG. PERMIT SUBMISSION
- CONSTRUCTION
- NOT FOR CONSTRUCTION
- RECORD / FILE
- △ REVISION No. 1
- △ REVISION No. 2
- △ REVISION No. 3
- △ REVISION No. 4
- △ REVISION No. 5
- △ REVISION No. 6



AND DETAILS SCHEDULES