

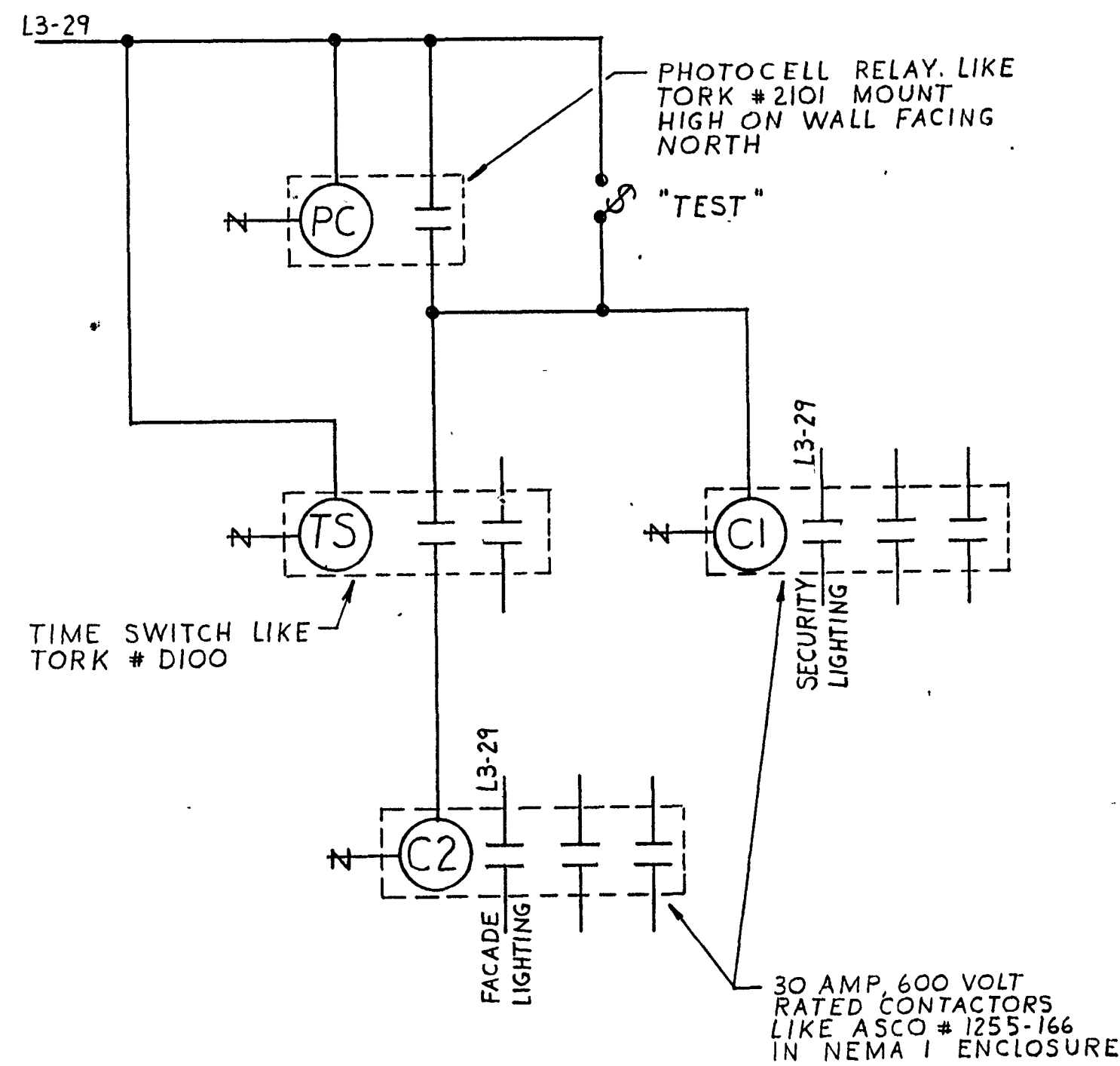
LIGHT FIXTURE SCHEDULE				
MARK	MANUFACTURER'S CATALOG NUMBER	MOUNT	LAMP(S)	REMARKS
F1	COLUMBIA #P2-243G-42-36	RECESS	3F40D30SS	120 VOLT BALLAST, SPECULAR 18-CELL LOUVER, SPRING LOADED LATCHES, NO REVEAL (FULL LOUVER) 9/16" CEILING GRID COMPATIBLE
F2	PRESCOLITE #CFR826-492	RECESS	2 26W	120 VOLT BALLAST (HPF) CLEAR ALZAK CONE REFLECTOR, QUAD FLUORESCENT LAMP.
F3	LITECONTROL #P-ID-9068T8	8"PENDANT	3 F032/35K	120 VOLT BALLAST, SPECULAR REFLECTOR, FINISH AS SELECTED BY ARCHITECT, SEMI-SPECULAR PARABOLIC BAFFLE. F3A SAME EXCEPT 4'-3 LAMP
F4	LITECONTROL #2014RS SERIES	WALL/RECESS	7 F40D30SS	120 VOLT BALLAST, END EXTENSIONS FOR CONTINUOUS WALL-TO-WALL INSTALLATION. 9" SLOT, COORDINATE WITH CEILING WORK
F5	LITECONTROL #WID66N24 SERIES	WALL	2 F40D30SS	120 VOLT BALLAST, UP & DOWN LIGHT WHITE BLADE BAFFLE, MOUNT 2" ABOVE MIRROR IN TIT. RM. 6'-0" AFF OTHERWISE OR AS DIRECTED. FINISH AS SELECTED BY ARCHITECT. F5A SAME EXCEPT 6' W/4F30 LAMPS. F5B SAME EXCEPT 8' W/4F40 LAMPS.
F6	KEYSTONE #2SG240	RECESS	2 F40D30SS	120 VOLT BALLAST, .125" PATTERN 12 ACRYLIC PRISMATIC LENS, SPRING LOADED LATCHES, REGRESS ALUMINUM FRAME, 9/16" CEILING GRID COMPATIBLE
F7	KEYSTONE #KL240	CHAIN	2 F40CW	120 VOLT BALLAST, 15% UPLIGHT, TURRET SPRING LOADED LAMP SOCKETS, CORD & PLUG CONNECTED. PROVIDE RECEPTACLE/HANGER
F8	KEYSTONE #CS240	SURFACE	2 F40CW	120 VOLT BALLAST, OPEN STRIP
F9	PRESCOLITE #CFW826-812	RECESS	2-26W	120 VOLT BALLAST, QUAD FLUORESCENT LAMP, LENS WALL WASH, CLEAR ALZAK CONE
F10	LITECONTROL #PID-90-SERIES	COLUMN/PEND	9 F032/35K	120 VOLT BALLAST, MATCHES TYPE F3 MOUNT 1 END TO COLUMN, PROVIDE EXTENSION AS REQUIRED FOR CONTINUOUS LOOK, 13' O.A. LENGTH, F10A SAME EXCEPT 9' LENGTH
F11	LITECONTROL #WID66N14W	WALL+7'-2" (BRACKET)	1 F40D30SS	120 VOLT BALLAST WHITE BLADE BAFFLE, FINISH AS SELECTED BY ARCHITECT
F12	METALUX #MSSM-140-HRS-120-LE3 KEYSTONE #DE 140 120 LE LITHONIA #SM 140 120 ES	SURFACE	1 F40D30	120 VOLT BALLAST, SIDE MOUNT STRIP. MOUNT UNDER CABINET/SHELF. F12A SAME EXCEPT 3' LENGTH
K1	GUTH #SDC2-400/400-1/CS/WH DEVOE ALS2-SERIES INDALUX AX52 SERIES	PENDANT	2-400W	120 VOLT BALLAST, SUPER METAL HALIDE & HIGH PRESSURE SODIUM LAMPS. REMOTE MOUNT BALLAST ABOVE CEILING (WITHIN REACH OF CATWALK WHEN PERMISSABLE)
K2	GUTH #SDC2-250/250-1/CS/WH DEVOE ALS2 SERIES INDALUX AX52 SERIES	PENDANT	2-250W	MATCHES "K1" ABOVE
K3	GREENLEE #CDB-100-HPS-SHB-TDK BRONZELITE #GM4100-HPS-C	DIRECT BURY	1-100W	120 VOLT BALLAST, SET IN SAND BED & ANCHOR/MFR'S RECOMMENDATIONS. HIGH PRESSURE SODIUM LAMP
K4	GREENLEE #CDB-250-MH-LVS-TDK	DIRECT BURY	1-250W	120 VOLT BALLAST, METAL HALIDE LAMP SET IN SAND BED & ANCHOR AS RECOMMENDED BY MANUFACTURER
K5	KIRLIN #2210-13-24-45-46	RECESS	1-70W	120 VOLT BALLAST, BUG-TIGHT GASKETING HIGH PRESSURE SODIUM LAMP, DISHED GLASS PRISMATIC LENS.
K6	MCGRAW-EDISON #WL215229BZ WIDELITE #SAW 153LX	WALL	1-150W	120 VOLT BALLAST, HIGH PRESSURE SODIUM LAMP, ADJUSTABLE CUT-OFF OPTICS, CLEAR POLYCARBONATE LENS
K7	WIDELITE #FS-250-B	WALL	1-250W	120 VOLT BALLAST, HIGH PRESSURE SODIUM LAMP, MOUNT HIGH ON PARAPET WALL, AIM AT TOWER ELEVATION AS DIRECTED.

PANEL SCHEDULE				
MARK AND TYPE	CIRCUITS	BREAKER OR SWITCH	FRAME OR FUSE	REMARKS
E - 120/208 VOLT, 3 PH. 4W 30 AMP MAIN BREAKER	1-8 9-12	1P-20 1P-SPACE	QOB QOB	
EH - 277/480 VOLT, 3 PH. 4W 100 AMP MAIN LUGS	1 2 3, 4	3P-15 3P-20 3P-SPACE	EHB EHB	
L1 - 120/208 VOLT, 3 PH. 4W 225 AMP MAIN LUGS	1-42	1P-20	QOB	
L2 - 120/208 VOLT, 3 PH. 4W 100 AMP MAIN LUGS	1-12 13-18	1P-20 1P-SPACE	QOB QOB	
L3 - 120/208 VOLT, 3 PH. 4W 300 AMP MAIN BREAKER	1-30 31, 34 32 33	1P-20 3P-50 3P-SPACE 3P-150	QOB QOB QOB Q2	BREAKER #31 REQUIRED UNDER ALT. BID #E1
L4 - 120/208 VOLT, 3 PH. 4W 100 AMP MAIN LUGS	1-12 13-18	1P-20 1P-SPACE	QOB QOB	PROVIDE UNDER ALT. BID #E1
MDP - 277/480 VOLT, 3PH. 4W 600 AMP MAIN SWITCH	1 2 3 4	3P-400 3P-200 3P-30 3P-200	350 150 30 SPACE	500 AMP MAIN FUSES, SERVICE ENTRANCE LISTING

- STANDARD ELECTRICAL SYMBOLS (DOES NOT IMPLY THAT ALL APPEAR ON THE DRAWINGS)
- ⊕ DUPLEX RECEPTACLE - 125 VOLT, 15 AMP RATED ⊕⊕ DOUBLE
 - ⊖ HORIZONTAL MOUNT ⊖⊖ 20 AMP RATED
 - ⊖⊖ GROUND FAULT INTER ⊖⊖ SPLIT WIRED
 - ⊖⊖ ISOLATED GROUND ⊖⊖ SURGE SUPPRESSING
 - ⊖ MOUNTED IN OTHERS EQUIPMENT
 - ⊖ SINGLE POLE SWITCH - 120/277 VOLT, 20 AMP RATED
 - ⊖ 3-WAY ⊖ TWO-POLE ⊖ 4-WAY
 - ⊖ WITH PILOT LAMP ⊖ DIMMER
 - ⊖ JUNCTION BOX - ALLOW 4' LEADS FOR CONNECTION
 - ⊖ TELEPHONE OUTLET - MODULAR JACK
 - ⊖ SINGLE RECEPTACLE - 250 VOLT, 'N' DENOTES POLES 'R' DENOTES AMPS
 - ⊖ SPECIAL RECEPTACLE AS NOTED
 - ⊖ CEILING MOUNT EXIT LIGHT - BAR DENOTES FACE/ARROWS
 - ⊖ WALL MOUNT
 - ⊖ TWIST LOCK RECEPTACLE - AS NOTED
 - ⊖ HID OR INCANDESCENT LIGHT FIXTURE CEILING MOUNT 'K1' DENOTES TYPE
 - ⊖ WALL MOUNTED
 - ⊖ FLUORESCENT LIGHT FIXTURE - F1 DENOTES TYPE
 - ⊖ PANEL BOARD
 - ⊖ TELEPHONE TERMINAL BOARD - FIRE PROOF PAINTED 3/4" P.W.
 - ⊖ SAFETY/DISCONNECT SWITCH - NON FUSED, 'B' DENOTES AMPERE RATING
 - ⊖ FUSED - 'S' DENOTES FUSE SIZE
 - ⊖ COMBINATION MOTOR STARTER
 - ⊖ MOTOR THERMAL OVERLOAD SWITCH W/O.L. HEATER & PILOT LAMP
 - ⊖ DATA OUTLET - BUSHED HOLE COVER PLATE
 - ⊖ CONDUIT STUB UP - TERMINATE IN COUPLING FLUSH W/FIN. FLOOR ALLOW 4' LEADS FOR CONNECTION
 - ⊖ REQUIRES 1" CONDUIT STUB INTO ACCESSIBLE CEILING SPACE
 - ⊖ MOTOR DESIGNATION
 - ⊖ DUPLEX FLOOR RECEPTACLE
 - ⊖ WP DUPLEX RECEPTACLE - WEATHERPROOF
 - ⊖ DATA OUTLET - FLOOR

LOW VOLTAGE RELAY SCHEDULE

SWITCH	RELAY/CONTROLLER	CIRCUIT
V	O	L1-13
"	P	L1-15
"	Q	L1-17
"	R	L1-19
W	M	L1-21
"	N	L1-23
"	A	L1-12
"	X	L1-14
"	U	L1-16
"	V	L1-18
"	W	L1-20
"	X	L1-22
X	H	L1-3
"	L	L1-5
"	J	L1-7
"	K	L1-9
"	L	L1-11
Y	V	L1-20
Z	Z	L1-22



SITE LIGHTING WIRING DIAGRAM

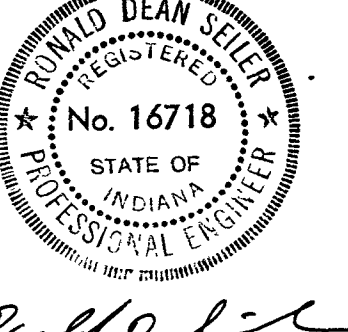
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NOTE: MOUNT CONTACTORS, TEST SWITCH, & TIME SWITCH BY PANEL "L-3"
MOUNT PC RELAY ON TOWER WALL (SOUTH PARAPET).

FIRE DETECTION/PROTECTION SYMBOLS

- ⊖ DUCT DETECTOR - PHOTO ELECTRIC
- ⊖ HEAT DETECTOR
- ⊖ MANUAL PULL STATION
- ⊖ FIRE ALARM CONTROL PANEL
- ⊖ BELL
- ⊖ HORN/LIGHT UNIT
- ⊖ FLOW & TAMPER SWITCH
- ⊖ PIV POST INDICATOR VALVE

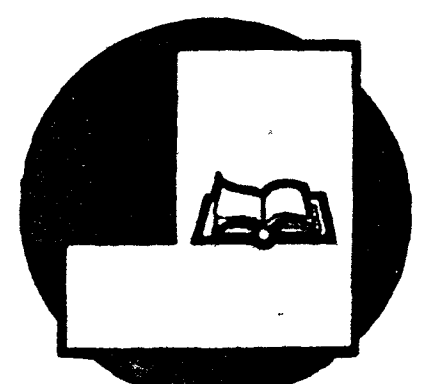
GENERAL NOTES - APPLY TO ALL SHEETS

- VERIFY ALL DIMENSIONS FROM ARCHITECTURAL PLANS.
- FLUORESCENT FIXTURES INSTALLED IN ACOUSTICAL TILE SHALL BE ON ONE FOOT MODULE.
- DIMENSIONS SHOWN ON OUTLET BOXES SHALL BE TO THE BOTTOM OF THE BOX.
- CONDUIT TO LIGHTS IS SHOWN TO INDICATE SWITCHING AND DOES NOT INDICATE QUANTITY OR EXACT LOCATION.
- VERIFY LOCATION OF ALL OUTLETS IN LABORATORY EQUIPMENT AND BUILT-IN FURNITURE WITH EQUIPMENT SUPPLIER BEFORE ROUGHING-IN.
- PROVIDE PLASTER RINGS WHERE REQUIRED BY CEILING CONSTRUCTION.
- VERIFY LOCATION OF LIGHTS IN ROOMS CONTAINING EXPOSED DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR AND RELOCATE IF NECESSARY AS DIRECTED BY THE ARCHITECT.
- VERIFY HEIGHT AND LOCATION OF OUTLETS BEHIND WATER COOLERS WITH THE MECHANICAL CONTRACTOR.
- CONNECT CLOCKS TO NEAREST NON-SWITCHED 120 VOLT CIRCUIT, UNLESS OTHERWISE NOTED.



NOTES:

NEW FACILITY FOR
BLUFFTON -
WELLS COUNTY
PUBLIC LIBRARY
BLUFFTON, INDIANA 46714



SHEET TITLE:
SCHEDULES
DIAGRAMS

PROJECT NO. 88-1207 REVISIONS: SHEET NO. E-4.
DATE: 6-20-90

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