

# LEGEND

- LP-1,3 → HOMERUN TO PNLBRD - ARROWS INDICATE NUMBER OF CIRCUITS. CROSS LINES INDICATE NUMBER OF CONDUCTORS OTHER THEN TWO.
- ↑ CIRCUI NUMBER(S)
- PANEL DESIGNATION
- WIRING CONCEALED IN WALL OR CEILING
- WIRING IN EXPOSED RACEWAY
- WIRING IN RACEWAY CONCEALED UNDER FLOOR
- UG - WIRING IN RACEWAY CONCEALED UNDERGROUND
- E - EXISTING WIRING
- 2' x 4' FLUORESCENT FIXTURE
- 1' x 4' FLUORESCENT FIXTURE
- 1' x 8' FLUORESCENT FIXTURE
- 4' x 6' FLUORESCENT FIXTURE
- 8' x 6' FLUORESCENT FIXTURE
- 2' x 2' FLUORESCENT FIXTURE
- WALL MOUNTED FIXTURE
- CEILING MOUNTED FIXTURE
- S SINGLE POLE SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED
- 2 DOUBLE POLE SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED
- 3 THREE-WAY SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED
- 4 FOUR-WAY SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED
- 5 SWITCH AND PILOT LAMP - MOUNTED C/L UP 4'-0" OR AS NOTED
- 6 DIMMER SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED - LUTRON LINEAR SLIDE RATED FOR ELECTRONIC BALLAST
- 7 SUBLEITER INDICATES SWITCH CONTROL
- 8 WALL MOUNTED LIGHTING OCCUPANCY SENSOR SWITCH - MOUNTED C/L UP 4'-0" OR AS NOTED - SEE DETAIL ON DRAWING E70.1
- 9 CEILING MOUNTED LTG OCCUPANCY SENSOR - SEE DETAIL ON DRAWING E70.1
- 10 DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 24" OR AS NOTED
- 11 DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 48" OR AS NOTED
- 12 GFCI DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 48" OR AS NOTED
- 13 SINGLE RECEPTACLE MOUNTED ABOVE ACCESSIBLE CEILING FOR ELECTRONIC FAUCET. COORDINATE EXACT LOCATION WITH EQUIPMENT FURNISHED. PROVIDED FOR EPOXY PLUG-IN TRANSFORMER. ONLY LOW VOLTAGE WIRING SHALL BE ALLOWED ABOVE CEILING.
- 14 DOUBLE DUPLEX RECEPTACLE IN TWO GANG WALL BOX - MOUNTED C/L UP 24" OR AS NOTED
- 15 PROVISIONS FOR VOICE & DATA OUTLET FOR FUTURE USE. TWO GANG WALL BOX WITH TWO 1" TO ABOVE AN ACCESSIBLE CEILING OR AS NOTED - MOUNTED C/L UP SAME AS ASSOCIATED RECEPTACLE.
- 16 SPECIAL OUTLET AS INDICATED - MOUNTED C/L UP 24" OR AS NOTED
- 17 ELECTRICAL MOTOR
- 18 MOTOR CONTROL EQUIPMENT
- 19 DISCONNECT SWITCH - FUSED WHEN NOTED. SIZE AS REQUIRED OR AS INDICATED
- 20 FUSED DISCONNECT SWITCH - SIZE FUSES AS RECOMMENDED BY MANUFACTURER
- 21 JUNCTION BOX - SIZE AS REQUIRED OR AS INDICATED
- 22 TELEPHONE (TEL) OR DATA (DF) BACKBOARD - SIZE AS SHOWN ON PLANS - SEE DETAIL "TEL/COMM BACKBOARD" ON DRAWING E50.1
- 23 LIGHTING/POWER PANELBOARD
- 24 INTRUSION DETECTION SYSTEM PANEL
- 25 CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
- 26 POWER COMPANY METER
- 27 FIRE ALARM DEVICES -----
- 28 FACFP FIRE ALARM CONTROL PANEL
- 29 NAFPX NOTIFICATION APPLIANCE POWER EXTENDER
- 30 ANNUNCIATOR PANEL
- 31 SYSTEM SMOKE DETECTOR - MOUNTED ON CEILING
- 32 HEAT DETECTOR - MOUNTED ON CEILING
- 33 FIRE ALARM HORN/LIGHT UNIT. CANDLA POWER (CD) PER NFPA 72 AND AS NOTED - MOUNTED BOTTOM OF STROBE UP 80" ON WALL
- 34 FIRE ALARM STROBE LIGHT UNIT. CANDLA POWER (CD) PER NFPA 72 AND AS NOTED - MOUNTED BOTTOM OF STROBE UP 80" ON WALL
- 35 FIRE ALARM MANUAL PULL STATION - MOUNTED C/L UP 4'-0" ON WALL
- 36 SPRINKLER FLOW SWITCH
- 37 SPRINKLER TAMPER SWITCH
- 38 SPRINKLER PRESSURE SWITCH
- 39 ADDRESSABLE RELAY MODULE - TO PROVIDE CONTACT CLOSURE
- 40 KEY BOX.
- 41 EMERGENCY LIGHTING DEVICES -----
- 42 EXIT SIGN WITH ARROWS AS INDICATED - CEILING MOUNTED, EXCEPT AS NOTED
- 43 EXIT SIGN WITH ARROWS AS INDICATED - WALL MOUNTED TIGHT TO CEILING, EXCEPT AS NOTED
- 44 EMERGENCY LIGHTING BATTERY UNIT - WALL MOUNTED BOTTOM UP 7'-6". NUMERAL INDICATES BATTERY ID NUMBER. SEE SPEC FOR DC WIRE SIZES.
- 45 EMERGENCY LIGHTING REMOTE HEAD WITH NUMBER OF HEADS AS INDICATED - MOUNTED UP 7'-6" OR AS NOTED. NUMERAL INDICATES BATTERY UNIT CONNECTED TO.
- 46 MISCELLANEOUS -----
- 47 TIME CLOCK - SEE DETAIL (LIGHTING CONTROLS) ON DRAWING E70.1
- 48 CONTROL PANEL
- 49 DOOR SWITCH - INTRUSION DETECTION
- 50 DOOR POSITION SWITCH FURNISHED BY DIV. 8 WIRED BY DIV. 16. - SEE SINGLE LINE (CARD ACCESS SYSTEM) ON DRAWING E50.1 AND DETAIL (CARD ACCESS SYSTEM DETAILS) ON DRAWING E70.1
- 51 ELECTRIC DOOR STRIKE WITH DOOR POSITION SWITCH - FURNISHED AND INSTALLED UNDER DIV. 8 WIRED UNDER DIV. 16 - SEE SINGLE LINE (CARD ACCESS SYSTEM) ON DRAWING E50.1 AND DETAIL (CARD ACCESS SYSTEM DETAILS) ON DRAWING E70.1
- 52 MOTION DETECTOR - MOUNTED UP 7'-6" ON WALL
- 53 CARD READER FURNISHED BY DIV. 8 WIRED BY DIV. 16 - SINGLE GANG JUNCTION BOX MOUNTED C/L UP 4'-0" - SEE SINGLE LINE (CARD ACCESS SYSTEM) ON DRAWING E50.1 AND DETAIL (CARD ACCESS SYSTEM DETAILS) ON DRAWING E70.1
- 54 REQUEST TO EXIT DEVICE FURNISHED BY DIV. 8 WIRED BY DIV. 16 - SINGLE GANG JUNCTION BOX MOUNTED ABOVE DOOR - SEE SINGLE LINE (CARD ACCESS SYSTEM) ON DRAWING E50.1 AND DETAIL (CARD ACCESS SYSTEM DETAILS) ON DRAWING E70.1
- 55 HORN FURNISHED BY DIV. 8 WIRED BY DIV. 16 - SEE SINGLE LINE (CARD ACCESS SYSTEM) ON DRAWING E50.1 AND DETAIL (CARD ACCESS SYSTEM DETAILS) ON DRAWING E70.1
- 56 TELEVISION COAXIAL OUTLET - MOUNTED UP SAME AS ASSOCIATED RECEPTACLE
- 57 RELAY OR CONTACTOR - SIZE AS REQUIRED OR AS INDICATED
- 58 WEATHER PROOF
- 59 KEYNOTE TAG
- 60 EQUIPMENT LABEL - SEE EQUIPMENT SCHEDULE FOR WIRING REQUIREMENTS. VERIFY EXACT LOCATION WITH ASSOCIATED PLAN.

## ELECTRICAL LEGEND

NO SCALE REF: NA

A3

## LIGHTING FIXTURE SCHEDULE

ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE LAMPS, HANGERS, FITTINGS, ETC. FOR A COMPLETE AND PROPER INSTALLATION

TYPE	MANUFACTURER	CATALOG NO.	MTG.	VOLT	LAMPS			REMARKS/BALLAST INFORMATION
					NO.	WATT	TYPE	
A	METALUX	2GCB-2BX40A-120-EB51	R	120	2	40	BIAXIAL	
B		2'x2' RECESSED INDIRECT WITH RADIAL BLADE LOUVER (IN GRID CEILING)						
C		FOCAL POINT	R	120	2	40	BIAXIAL	
C1		PENDANT FLUOR CONT. ROWS NOMINAL 9"X3" H UP&DN LT 28 FEET IN LENGTH. MOUNT 8'-0" AFF TO BOTTOM OF FIX., FULLY ADJ. AIRCRAFT CABLE TO ALLOW CONT. ADJ.	P	120	7	54	SYLVANIA FP54/835/5000 LUMEN 3500K	COORDINATE SECTION LENGTHS AND MOUNTING SUSPENSION POINTS WITH SKYLIGHTS.
D		PENDANT FLUOR CONT. ROWS NOMINAL 9"X3" H UP&DN LT 8 FEET IN LENGTH. MOUNT 8'-0" AFF TO BOTTOM OF FIX., FULLY ADJ. AIRCRAFT CABLE TO ALLOW CONT. ADJ.	P	120	2	32	SYLVANIA FP54/835/5000 LUMEN 3500K	
D1		8" DIA DOWNLIGHT - WHITE CROSS BAFFLE (VIRTUAL BAFFLE) WITH MULTI WATT BALLAST:26W, 32W, 42W	R	120	1	42	4-PIN TRIPLE TUBE	360 DEG ROTATABLE BAFFLE. ALIGN WITH WALLS. TRIM DESIGNED FOR GYPBOARD AND LAY-IN ACCOUS TILE, WHITE FLANGE.
D1E		8" DIA DOWNLIGHT - WHITE CROSS BAFFLE (VIRTUAL BAFFLE) WITH MULTI WALL BALLAST:26W, 32W, 42W AND EMERGENCY BATTERY PACK	R	120	2	42	4-PIN TRIPLE TUBE	360 DEG ROTATABLE BAFFLE. ALIGN WITH WALLS. TRIM DESIGNED FOR GYPBOARD AND LAY-IN ACCOUS TILE, WHITE FLANGE.
D2		8" DIA DOWNLIGHT - WHITE CROSS BAFFLE (VIRTUAL BAFFLE) - LUTRON DIMMING BALLAST	R	120	1	42	4-PIN TRIPLE TUBE	360 DEG ROTATABLE BAFFLE. ALIGN WITH WALLS. TRIM DESIGNED FOR GYPBOARD AND LAY-IN ACCOUS TILE, WHITE FLANGE.
E		ELEVATOR PIT LIGHT	W	120	1	100	A19	
F		NOMINAL 1x4" WRAP	C	120	2	32	GE# F32T8/SPX35	
G		LOW-VOLTAGE WALL SCENCE	W	12	1	50	T-4 HALOGEN BI-PIN	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.
H		LOW-VOLTAGE SINGLE CIRCUIT MONORAIL TRACK WITH REMOTE TRANSFORMER	P	12				TRACK SHALL BE SATIN NICKEL WITH CLEAR INSULATOR COLOR. PROVIDE END CAPS AND ONE CONDUCTIVE CONNECTOR TO SPLIT TRACK INTO TWO EVEN LENGTHS. CUT 96" SECTIONS TO MATCH LENGTH SHOW ON PLANS. PROVIDE ONE 4" ROUND SINGLE-FEED CANOPY IN THE CENTER OF THE ENTIRE RUN. AND SIX RIGID STANDOFFS EVENLY SPACED WITH POWER FEED ALONG THE ENTIRE RUN. THE TRANSFORMER SHALL BE MOUNTED ABOVE AN ACCESSIBLE CEILING. TRACK SHALL BE MOUNTED TO OFFSET THE RADIUS OF WAITING ROOM WALL. DO NOT EXCEED 300W ON TRACK.
H1		LOW-VOLTAGE HEAD MOUNTED ON SINGLE CIRCUIT MONORAIL TRACK SYSTEM	T	12	1	50	SYLVANIA TR14-AM TITAN 50MR16/T/PL40(EXM)	HEAD ROTATES 360 DEG. AND PIVOTS 260 DEG. PROVIDE ONE LENS HOLDER AND LOUVER PER HEAD. SEE DRAWINGS FOR NUMBER AND LOCATION OF HEADS.
H2		LOW-VOLTAGE PENDANT MOUNTED ON SINGLE CIRCUIT MONORAIL TRACK SYSTEM	T	12	1	50	T4 HALOGEN BI-PIN	PROVIDE ONE FREEJACK PER PENDANT. SEE DRAWINGS FOR NUMBER AND LOCATION OF PENDANTS.
J		FLOOD LIGHT WITH ADJUSTABLE REFLECTOR BEAM, LINEAR SPRED LENS, AND ANGLED HOOD SHIELD	P	120	1	70	T6 MH	ADJUST LINEAR SPRED LENS TO MAXIMIZE LIGHT SPRED AND EVENLY LIGHT CEILING. ADJUST LENSES AND AMING OF FIXTURES AT NIGHT. ASSURE LIGHT DOES NOT OFFEND DRIVERS. MOUNT ANGLED HOOD SHIELD SO LONG PORTION OF HOOD IS MOUNTED AT BOTTOM. PROVIDE DRAIN HOLE TO ALLOW WATER AND SNOW MELT TO DRAIN OUT OF HOOD. MOUNT LAMP IN THE HIGH POSITION. ** = FACTORY MODIFICATION - DRILL AND TAP FRONT SIDE OF BALLAST HOUSING. SEE ARCHITECTURAL DETAILS ON DRAWING A50.2.
K		SURFACE MOUNTED PARKING GARAGE LUMINAIRE	S	120	1	100	ED-17 MH	ARROWS ON PLANS INDICATE DIRECTION OF DRIVING LANE. ORIENT LIGHTING FIXTURES ACCORDINGLY.
L		3" WALL BRACKET	W	120	2	32	GE# F23T8/SPX35	MOUNT BOTTOM UP 7'-6" AFF.
M		RECESSED EXTERIOR DOWNLIGHT		120	1	70	MH MED BASE	
N		2 1/2"x4 SYMMETRIC RECESSED		120	2	54	SYLVANIA LSR9-G-1-54T5HO-LDL-U4-120-GE10-DHSGS	MOUNT AS CLOSE TO EDGE OF SOFFIT ON MED RECORDS 334 SIDE AS POSSIBLE.
N1		2 1/2"x2 SYMMETRIC RECESSED		120	2	24	SYLVANIA LSR9-G-1-24T5HO-LDL-U2-120-GE10	
N2		2 1/2"x4 SYMMETRIC RECESSED		120	2	54	SYLVANIA LSR9-G-1-54T5HO-LDL-U4-120-GE10	
P		EXTERIOR WALL MOUNTED DOWNLIGHT WITH WALL GRAZING OPTIC AND FULL CUTOFF PERFORMANCE		120	1	39	T6 MH	* = COLOR BY ARCHITECT ** = LUMINOUS INSERT COLOR BY ARCHITECT SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND FOR EXACT LOCATIONS.
Q		EXTERIOR 4"x 3" LINEAR CATILEVER		120	1	54	SYLVANIA FP54/835/5000 LUMEN 3500K	PROVIDE NUMBER OF END MOUNTING HUBS AS REQUIRED. ** = COLOR BY ARCHITECT. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND EXACT LOCATIONS. MOUNT BALLAST ABOVE AN ACCESSIBLE CEILING. LIGHTING FIXTURE SHALL BE OFFSET 30" FROM FACE OF BUILDING.

## LIGHTING FIXTURE SCHEDULE

NO SCALE REF: NA

A2

## GENERAL DEMOLITION NOTE:

1. ALL EXISTING ELECTRICAL ITEMS INCLUDING LIT SIGNING, LIGHT POLES, AND PANELBOARDS SHALL BE REMOVED WITH ALL ASSOCIATED CONDUITS AND WIRING.

## GENERAL DEMOLITION NOTE

NO SCALE REF: NA

A1

Mark	Date	Description
-	04-28-05	ISSUED FOR BID
-	04-11-05	100% REVIEW
-	01-10-05	DD REVIEW

Drawing Status