

**JOHN HOPKINS HEALTHCARE - LIGHTING FIXTURE SCHEDULE**

TYPE	DESCRIPTION	LAMP	VOLTS	MOUNTING	MFGR CAT#	LOCATION	REMARKS
C1	UNDER CABINET LINEAR FLUORESCENT	(2) 28W T5	277	SURFACE	NULITE 112-128T5		
D1	DIRECT/INDIRECT 2X4 FLUORESCENT	(2) 28W T5	277	RECESSED	NEORA Y FENESTRA 204-R-2T5-ETG-2-DB-SI		
E1/R1	EXISTING 2X4 LENSED FLUORESCENT				N/A		CLEAN LENSES
E2/R2	EXISTING 2X2 LENSED FLUORESCENT				N/A		CLEAN LENSES
E3/R3	EXISTING COMPACT FLUORESCENT LINEAR WALL WASHER				N/A		REPLACE PARABOLIC LENS WITH NEW LENS - CONSULT WITH ARCHITECT
F1	2X4 LENSED FLUORESCENT FIXTURE				TBD BY CONTRACTOR		MATCH E1. COORDINATE ON SITE FOR AESTHETICS AND LAMP TYPE
F2	2X2 LENSED FLUORESCENT FIXTURE				TBD BY CONTRACTOR		MATCH E2. COORDINATE ON SITE FOR AESTHETICS AND LAMP TYPE
F3	1X4 SURFACE MOUNT FLUORESCENT	28W T5	277	SURFACE	OCL HIX-48-MW-COLOR-2LF28-277		COLOR TO MATCH TO MATCH F4
F4	1X4 FLUORESCENT PENDANT FIXTURE - CONSULT W/ARCHITECT FOR MOUNTING HEIGHT	28W T5	277	PENDANT	OCL HIX-P1EB-48-MW-COLOR-2LF28-277-36		COLOR TO MATCH TO MATCH F3
F5	1X2 LINEAR FLUORESCENT PENDANT - CONSULT WITH ARCHITECT FOR MOUNTING HEIGHT	28W T5	277	PENDANT	NEORA Y STRAIGHT AND NARROW S23DIP-1X2-T5-SC-VARIES-2-EB-DU-S93		COORDINATE LENGTH WITH PLAN
P1	DECORATIVE 12V LED PENDANT - CONSULT WITH ARCHITECT FOR MOUNTING HEIGHT	LED	277	PENDANT	TECH LIGHTING MINI ECHO 700-FJ-ECP-A-S-LED		GC TO VERIFY POWER REQUIREMENTS WITH MANUFACTURER AND PURCHASE ALL PARTS FOR A COMPLETE AND FUNCTIONING LIGHT FIXTURE
P2	LOW VOLTAGE HALOGEN TRACK LIGHT FIXTURE	50W MR16	277	TRACK LIGHTING	TECH LIGHTING JOHN HEAD 700-MO-JON-XXX-S		GC TO VERIFY POWER REQUIREMENTS WITH MANUFACTURER AND PURCHASE ALL PARTS FOR A COMPLETE AND FUNCTIONING LIGHT FIXTURE
P3	DECORATIVE COMPACT FLUORESCENT PENDANT	18W CFL	277	PENDANT	TECH LIGHTING ECHO 700-TD-ECP-L-A-S-CF		
W1	ADJUSTABLE COMPACT FLUORESCENT WALL WASHER	42W CFL	277	RECESSED	KRAMER LIGHTING KLSQ1X42PLTSGCFU		
X	SELF TESTING LED THERMOPLASTIC EXIT SIGN WITH BATTERY BACK-UP	LED	120/277	AS SHOWN	DUAL LITE LX-U-G-W-E1	INDOOR EMERGENCY EGRESS	WHITE FINISH, COLOR TO COMPLY WITH LOCAL AHJ
X1	EXIT SIGN/EMERGENCY LIGHT COMBO	INCLUDED	120/277	AS SHOWN	DUAL LITE LT-U-G-W-1	INDOOR EMERGENCY EGRESS	WHITE FINISH, COLOR TO COMPLY WITH LOCAL AHJ
EBU	SELF TESTING THERMOPLASTIC EMERGENCY LIGHT WITH BATTERY BACK-UP	(3) 10W HAL INCLUDED	120/277	WALL MOUNTED	DUAL LITE LM-0 SRHDW-XTR	NOT-PUBLIC AREAS	WHITE FINISH

NOTES:  
1. "EQUAL ALTERNATE FIXTURES ARE ACCEPTABLE"

**ELECTRICAL LEGEND**

- LIGHTING FIXTURE
- H LIGHTING FIXTURE, WALL MOUNTED
- ▽ TRACK LIGHT, TRIANGLES INDICATE TRACK FIXTURES [EMERGENCY LIGHTING FIXTURE, AS ABOVE, ON NIGHT LIGHT CIRCUIT] [FIXTURE, AS ABOVE, ON EMERGENCY/NIGHT LIGHT CIRCUIT]
- LIGHTING FIXTURE, CEILING MOUNTED
- ⊙ LIGHTING FIXTURE, PENDANT MOUNTED
- ⊕ EMERGENCY BATTERY TYPE LIGHTING FIXTURE, WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊙H EXIT SIGN, SINGLE FACE: CEILING MOUNTED; WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊙H EXIT SIGN, DOUBLE FACE: CEILING MOUNTED; WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ↔ EXIT SIGN, AS ABOVE, WITH DIRECTIONAL ARROWS
- ⌚ SINGLE POLE SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- ⌚ THREE WAY SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- ⌚ FOUR WAY SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- ⌚ LUTRON DIMMER SWITCH, MOUNT AT 48" A.F.F. U.N.O. - COORDINATE WITH TYPE OF FIXTURE AND LOAD - COORDINATE STYLE WITH ARCHITECT
- ⌚ MANUAL MOTOR STARTING SWITCH
- OS1 OCCUPANCY SENSOR ULTRASONIC, CEILING MOUNT, 500 SF COVERAGE, 360 DEGREES, WATTSTOPPER MODEL W-500A
- OS2 OCCUPANCY SENSOR ULTRASONIC, CEILING MOUNT, 2000 SF COVERAGE, 360 DEGREES, WATTSTOPPER MODEL W-2000A
- OSW OCCUPANCY SENSOR ULTRASONIC, WALL MOUNTED AT 48" AFF WITH AUTOMATIC AND MANUAL ON, WATTSTOPPER MODEL W-200.
- OSC OCCUPANCY SENSOR ULTRASONIC, CEILING MOUNT, CORRIDOR TYPE, WATTSTOPPER MODEL W-2000H
- ⊞ CONTACTOR, AS NOTED
- ⌚ TIME CLOCK, AS NOTED
- ⊞ CONTROL STATION, AS NOTED
- ⊞ 125V-20A. DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- ⊞ 125V-20A. DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 9" ABOVE COUNTER OR AS NOTED ON PLANS. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ANY CABINETWORK, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- ⊞ WP RECEPTACLE, MOUNT AS ABOVE, WITH WEATHERPROOF COVERPLATE
- ⊞ GF RECEPTACLE, MOUNT AS ABOVE, GROUND FAULT CIRCUIT INTERRUPTER TYPE
- ⊞ 125V-20A DUPLEX RECEPTACLE, SPLIT WIRED, TOP SECTION OF RECEPTACLE SHALL BE SWITCHED, BOTTOM SHALL ALWAYS BE HOT.
- ⊞ 125V-20A. DOUBLE DUPLEX (QUAD) RECEPTACLE NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F.
- ⊞ SURFACE RACEWAY WITH RECEPTACLES AS SHOWN, MOUNT AT 9" ABOVE COUNTER OR AS NOTED.
- ⊞ 125V-20A. DUPLEX RECEPTACLE, TYPE AS ABOVE, MOUNT IN CEILING FLUSH TELEPOWER POLE
- ⊞ FLUSH POKE-THRU FITTING (4" DIAMETER) - COMBINATION POWER/COMMUNICATIONS - WALKER RC4A WITH COMSO ADAPTER. PROVIDE (2) DUPLEX RECEPTACLES AND PROVISIONS FOR UP TO (4) CAT5 RJ45 JACKS. FOR XXX FLOOR INSTALLATION, EXTEND (2) 1/2" CONDUITS FOR COMMUNICATIONS FROM OUTLET UNDER SLAB AND UP IN WALL TO ACCESSIBLE CEILING ON XXX FLOOR.
- ⊞ WALL MOUNTED SYSTEMS FURNITURE CONNECTION POINT, BASE FEED. FURNISH AND INSTALL TWO 4" SQUARE JUNCTION BOXES IN WALL AT 6" A.F.F., ONE FOR POWER AND THE OTHER FOR TELEPHONE AND DATA WIRING. FURNISH AND INSTALL CIRCUIT WIRING AS INDICATED ON PLANS AND MAKE ALL FINAL CONNECTIONS TO SYSTEMS FURNITURE INSTALLED UNDER SEPARATE CONTRACT. IF IN INSULATED WALL, EXTEND (1) 1-1/4" CONDUIT FOR COMMUNICATIONS UP TO ACCESSIBLE CEILING. COORDINATE EXACT LOCATION WITH FURNITURE SUPPLIER.
- ⊞ FLOOR MOUNTED SYSTEMS FURNITURE CONNECTION, BASE FEED. FOR SLAB-ON-GRADE CONSTRUCTION, PROVIDE 2-GANG FLUSH A) FLOOR BOX, WALKER OMNIBOX SBOS2 WITH 827 CARPET/TILE FLANGE, AND (2) B28CK-3/4 COVER PLATES. EXTEND (1) 1" & (1) 3/4" CONDUIT WITH PULLSTRING FROM 1 SECTION FOR TELEPHONE/DATA TO NEAREST WALL AND UP TO SPACE ABOVE CEILING. FOR OTHER THAN SLAB-ON-GRADE CONSTRUCTION, PROVIDE SEMI-B) FLUSH POKE-THRU FLOOR BOX, WALKER RC1 RC900-FF. EXTEND (1) 1 1/4" CONDUIT WITH PULLSTRING FROM FITTING FOR TELEPHONE/DATA TO NEAREST WALL AND UP TO SPACE ABOVE CEILING. MAKE ALL FINAL CONNECTIONS TO SYSTEMS FURNITURE INSTALLED UNDER SEPARATE CONTRACT. COORDINATE EXACT LOCATION WITH FURNITURE SUPPLIER.
- ⊞ SPECIAL PURPOSE OUTLET AS NOTED ON DRAWINGS
- ⊞ 125V-15A. CLOCK HANGER OUTLET, MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊞ PANELBOARD, AS NOTED, MOUNT AT 6'-6" A.F.F. TO TOP
- ⊞ EQUIPMENT CABINET, AS NOTED, MOUNT AT 6'-6" A.F.F. TO TOP
- ⊞ JUNCTION BOX
- ⊞ JUNCTION BOX - WALL MOUNTED
- ⊞ SAFETY DISCONNECT SWITCH
- ⊞ MOTOR STARTER
- ⊞ COMBINATION TYPE MOTOR STARTER
- ⊞ ENCLOSED CIRCUIT BREAKER
- ⊞ MOTOR CONNECTION
- CONDUIT AND WIRE, CONCEALED IN WALLS OR ABOVE CEILINGS
- CONDUIT AND WIRE, BELOW FLOOR
- UG--- CONDUIT AND WIRE, MINIMUM 36" BELOW GRADE
- EX— EXISTING CONDUIT AND WIRE TO REMAIN
- RX— EXISTING CONDUIT AND WIRE TO BE REMOVED
- CONDUIT: TURNING UP; TURNING DOWN
- CONDUIT WITH BUSHED OR CAPPED END
- LOW VOLTAGE AND/OR CONTROL WIRING
- //— HOMERUN TO PANELBOARD:  
A-1,3 ARROWS INDICATE QUANTITY OF CIRCUITS  
CROSSLINES INDICATE QUANTITY OF CONDUCTORS  
CONDUITS SHOWN WITHOUT CROSSLINES SHALL BE 2#12 AND 1#12 GROUND IN 3/4" CONDUIT UNLESS NOTED OTHERWISE  
NOTATION INDICATES PANELBOARD AND CIRCUIT NUMBER TO WHICH CIRCUITS ARE TO BE EXTENDED  
REFER TO BRANCH CIRCUIT WIRE SIZING CHART FOR SIZING OF CONDUCTORS FOR LONG DISTANCE CIRCUITS

**FIRE ALARM SYSTEM**

- ⊞ HORN/FLASHING LIGHT COMBINATION, MOUNT AT 6'-8" A.F.F.
- ⊞ FLASHING LIGHT, MOUNT AT 6'-8" A.F.F.
- ⊞ MANUAL PULL STATION, MOUNT AT 48" A.F.F.
- ⊞ SMOKE DETECTOR, CEILING MOUNTED

**COMMUNICATIONS SYSTEM**

- ▽ TELEPHONE OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- ▽W TELEPHONE OUTLET, WALL MOUNT AT 48" A.F.F., 9" ABOVE COUNTER OR AS NOTED
- ▽ DATA OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- ▽W DATA OUTLET, WALL MOUNT AT 48" A.F.F., 9" ABOVE COUNTER OR AS NOTED
- ▽ COMBINATION TELEPHONE/DATA OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- ▽W COMBINATION TELEPHONE/DATA OUTLET, WALL MOUNT AT 48" A.F.F., 9" ABOVE COUNTER OR AS NOTED
- TV CATV/MATV SYSTEM OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- ⊞ PROJECTOR OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE

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PERMIT	07.15.2011

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SEAL  
"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 21805, Expiration Date: 12-11-2011"

SHEET TITLE  
**ELECTRICAL SYMBOL  
LEGEND & LIGHT FIXT  
SCHEDULE**

SCALE  
NOT APPLICABLE

SHEET NUMBER  
**E001**

