ACCEPTABLE MANUFACTURERS (OR EQUAL)

- (A) PMC, FINELITE, CORELITE, ALERA
- (B) BETA CALCO, ADVENT, OCL, VISA
- (C) INTRA, PRUDENTIAL, LEGION, DAYOLITE
- (D) INTRA, SELUX, PRUDENTIAL, ALERA
- (E) HE WILLIAMS, DAY-BRITE, METALUX, LUMAX
- (F) PATHWAY, INTENSE, AMERLUX, JUNO
- (G) DAY-BRITE, HUBBELL, LUMARK, EXCELINE
- (H) JUNO, PORTFOLIO, PRESCOLITE, OMEGA
- (I) NORA, ALKO, LUXO, JUNO
- (J) US ARCHITECTURAL, LUMCA, SDL, HADCO
- (K) BEGA, WE-EF, INSIGHT, DELTA
- (L) EVENLITE, EXITRONIX, ISOLITE, PRO-LUME

MOUNTING DESIGNATIONS

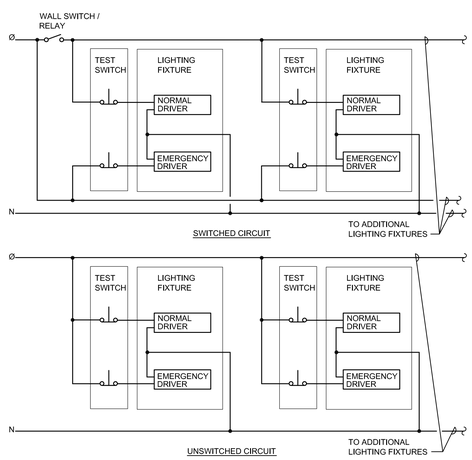
C	COVE
P	PENDANT
R	RECESSED
S	SURFACE
T	TRACK / RAIL / CABLE
U	UNIVERSAL
W	WALL
AC	AIRCRAFT CABLE
BOL	BOLLARD
POLE	POLE

LIGHTING FIXTURE SCHEDULE

	TYPE	MANUFACTURER	MODEL / SERIES	MTG.	VOLTAGE	LIGHT SOURCE NO.	LIGHT SOURCE WATTS	LIGHT SOURCE TYPE	DESCRIPTION
(3)(4)(A)	FP4	LITECONTROL	P-ID-59M-1-4-T5HO-SGL-TCMW-LPD/ MK7-1CWQ-ECSS-UNV	AC	UNIVERSAL	1	50	F50T5HO	4' LINEAR DIRECT / INDIRECT FIXTURE WITH SCULPTED ENDCAPS
(3)(4)(A)	FP8	LITECONTROL	P-ID-59M-2-8-T5HO-SGL-TCMW-LPD/ MK7-1CWQ-ECSS-UNV	AC	UNIVERSAL	2	50	F50T5HO	8' LINEAR DIRECT / INDIRECT FIXTURE WITH SCULPTED ENDCAPS
(3)(4)(A)	FP12	LITECONTROL	P-ID-59M-3-12-T5HO-SGL-TCMW-LPD/ MK7-1CWQ-ECSS-UNV	AC	UNIVERSAL	3	50	F50T5HO	12' LINEAR DIRECT / INDIRECT FIXTURE WITH SCULPTED END CAPS
(3)(4)(B)	FP30	MANNING	LP-532-BA-4F40/1LED503K-UNV-WH -LED-DM	P	UNIVERSAL	4 -	55 48	PLL55 LED	36" DECORATIVE FIXTURE WITH FROSTED ACRYLIC LENS
(3)(4)(C)	FP36	XAL	N677-744-0380-7M00-P-7	P	UNIVERSAL	4 4	21 14	F21T5 F14T5	36" DIA. FIXTURE WITH FROSTED ACRYLIC LENS AND UPLIGHT APERTURES
(3)(4)(D)	FR8	XAL	N215-1-IJ-222-7M00-P-70-XXX0	R	UNIVERSAL	1	50	F50T5HO	8' CONTINUOUS SLOT FIXTURE WITH STAGGERED LAMPS
(3)(4)(E)	FR14	LITECONTROL	G-D-LRC-2-2-1-T5HO-PFO-CWM-ELB/ DM-UNV	R	UNIVERSAL	1	50	F50T5HO	1'X4' DIRECT/INDIRECT FIXTURE WITH PERFORATED SHIELDING
(3)(4)(E)	FR22	LITECONTROL	G-D-LRC-2-2-2-BX40-PFO-CWM-ELB/ DM-UNV	R	UNIVERSAL	2	27	PLL27	2'X2' DIRECT/INDIRECT FIXTURE WITH PERFORATED SHIELDING
(3)(4)(E)	FR24	LITECONTROL	G-D-LRC-2-4-1-T5HO-PFO-CWM-ELB/ DM-UNV	R	UNIVERSAL	1	50	F50T5HO	2'X4' DIRECT/INDIRECT FIXTURE WITH PERFORATED SHIELDING
(3)(G)	FRU4	LITHONIA	SP5-G/F-1-54T5HO-A12125-MVOLT-GEB10PS	R	UNIVERSAL	1	50	F50T5HO	1'X4' RECESSED FIXTURE WITH PRISMATIC ACRYLIC LENS
(3)(4)(C)	FRWS	NEO-RAY	R-76PF-2-T5HO-UNV-DB-D-S72	W	UNIVERSAL	1	50	F50T5HO	CONTINUOUS WALL SLOT FIXTURE WITH STAGGERED / TELESCOPING LAMPS AND HOUSING
(3)(4)(A)	FW4	MARK	DUW-4-2-T5HO-EBPR-UNV-LU/LD -SW	W	UNIVERSAL	2	50	F50T5HO	4' FIXTURE WITH UP / DOWN WITH SEPARATE CIRCUITING OF EACH SECTION
(3)(4)(E)	FS4	LITHONIA	MVS-N-4-1-54T5HO-S1-D20-MVOLT-GEB10PS-PAF	S	UNIVERSAL	1	50	F50T5HO	4' UTILITY FIXTURE WITH WRAPAROUND ACRYLIC LENS
(3)(G)	J	RAB	VXBRLED13DG	W	UNIVERSAL	-	13	LED	SERVICE FIXTURE WITH CAST GUARD AND GLASS GLOBE
(3)(H)	LD1	CON-TECH	P31AS-NW-LED7017	W	UNIVERSAL	-	12.75	LED	ADJUSTABLE ACCENT FIXTURE
(3)(4)(F)	LRA3	INTENSE	ICL-LED1600-35-3-WNF-SP16	R	UNIVERSAL	-	84	LED	ADJUSTABLE THREE HEAD ACCENT FIXTURE
(3)(4)(H)	RC1	GOTHAM	ALED-35-18-4-AR-UNV	R	UNIVERSAL	-	38	LED	4" DOWNLIGHT FIXTURE WITH SEMI-SPECULAR REFLECTOR
(3)(4)(H)	RC1W	GOTHAM	ALEDW-35-18-4-AR-UNV	R	UNIVERSAL	-	38	LED	4" WALL WASH FIXTURE WITH SEMI-SPECULAR REFLECTOR
(3)(4)(H)	RC2	SPECTRUM	SGE-40-35K-DS101-AR0204LED-SG	R	UNIVERSAL	-	40	LED	4" SQ. DOWNLIGHT FIXTURE WITH SEMI-SPECULAR REFLECTOR
(2)(3)(5)(J)	SL2/4L	LUMEC	DOS-60W30LED-LE4F-UNV-HS-DBA-1A-XX-CDMGXX (2) / AM6U-1A-16-XX	POLE	UNIVERSAL	-	126	LED	TWIN AREA LIGHTING FIXTURE WITH TYPE IV OPTICS AND 16' ROUND TAPERED ALUMINUM POLE (W/ ANCHOR BOLT COVER)
(2)(3)(5)(J)	SL1/5L	LUMEC	DOS-60W30LED-LE5F-UNV-HS-DBA-1A-XX-CDMGXX / AM6U-1A-12-XX	POLE	UNIVERSAL	-	64	LED	AREA LIGHTING FIXTURE WITH TYPE V OPTICS AND 12' ROUND TAPERED ALUMINUM POLE (W/ ANCHOR BOLT COVER)
(2)(3)(K)	SL4	WINONA	LED-STEP03-12001/HO-ND277V-CMF-WL-MOD	W	UNIVERSAL	-	24	LED	EGRESS LIGHTING FIXTURE WITH CUTOFF OPTICS AND EMERGENCY DRIVER
(3)	SL6	G.C. FURNISHED; E.C. WIRED		POLE	UNIVERSAL	2	5	LED	FLAG POLE INTEGRATED LED ACCENT FIXTURE BY G.C.; E.C. TO PROVIDE LED MR16 LAMPS
(3)(I)	UC	LITHONIA	RAZ48-MVOLT-XCC-ERC-JB-ERC24	S	UNIVERSAL	-	.6 / FOOT	LED	UNDERCABINET TASK LIGHTING FIXTURE WITH INTEGRAL SWITCH; LENGTHS AS INDICATED
(L)		SIGNTEX	CRS-BB-1-G-C/M-X-XX-TW-XX	U	UNIVERSAL	N/A	1	LED	SINGLE FACED EDGELIT ACRYLIC EXIT SIGN WITH HANDICAP ACCESSIBLE GRAPHIC, SELF POWERED
(L)		SIGNTEX	CRS-BB-2-G-C/M-X-XX-TW-XX	U	UNIVERSAL	N/A	1.2	LED	DOUBLE FACED EDGELIT ACRYLIC EXIT SIGN WITH HANDICAP ACCESSIBLE GRAPHIC, SELF POWERED
(1)(L)	HC	SIGNTEX	CAE-BB-1-G-C-X-NA-TW-XX	U	UNIVERSAL	N/A	1	LED	SINGLE FACED EDGELIT ACRYLIC EXIT SIGN WITH HANDICAP ACCESSIBLE GRAPHIC, SELF POWERED
(6)(L)	RH (#)	EMERGI-LITE	EF150-D-24V12W	U	24V	2	12	HAL	REMOTE EMERGENCY HEADS; NUMERAL INDICATES SOURCE EMERGENCY BATTERY UNIT
(L)	EB	EMERGI-LITE	24LS-C350-C-AD-A-M	U	UNIVERSAL	-	-	-	REMOTE EMERGENCY BATTERY
(L)	EB	EMERGI-LITE	24LS-C350-C-AD-A-M	U	UNIVERSAL	2	35	HAL	REMOTE EMERGENCY BATTERY WITH INTEGRAL HEADS
		ALTERNATE #2 (PROVIDE IN LIEU OF BASE-BID FIXTURES)							
(3)(4)(D)	FR8A	XAL	N205-11-222-7M00-P-70-XXX0	R	UNIVERSAL	1	50	F50T5HO	8' CONTINUOUS SLOT FIXTURE WITH STAGGERED LAMPS AND FLANGELESS TRIM FOR WOOD PLANK CEILING APPLICATION
(3)(4)(H)	RC2A	SPECTRUM	SGE-40-35K-DS101-WCT	R	UNIVERSAL	-	40	LED	4" DOWNLIGHT FIXTURE WITH FLANGELESS TRIM FOR WOOD PLANK CEILING APPLICATION

EMERGENCY BATTERY UNIT (EBU) SCHEDULE

	I.D.	LOCATION	LOADS BY FIXTURE TYPE			CONNECTED LOAD	CAPACITY	EBU CAT. #
					WP			
(L)(6)	EBU-1	ELEC ROOM 118	-	12(24W EA.)	-	288W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"
(L)(6)	EBU-2	ELEC ROOM 118	-	12(24W EA.)	-	288W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"
(L)(6)	EBU-3	ELEC ROOM 118	-	12(24W EA.)	-	288W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"
(L)(6)	EBU-4	JAN ROOM 108	-	11(24W EA.)	-	264W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"
(L)(6)	EBU-5	JAN ROOM 108	-	10(24W EA.)	-	240W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"
(L)(6)	EBU-6	JAN ROOM 108	-	11(24W EA.)	-	264W	350 W	SEE "LIGHTING FIXTURE SCHEDULE"



NOTES:

1. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EXACT WIRING REQUIREMENTS. PROVIDE BRANCH CIRCUIT WIRING AS REQUIRED.
2. COORDINATE EXACT PLACEMENT OF REMOTE TEST SWITCH & INDICATOR LIGHT WITH ARCHITECT. GENERALLY LOCATE ON CEILING INSIDE EGRESS DOOR SERVED BY EMERGENCY FIXTURE.

1 / E0.2. EMERGENCY DRIVER WIRING DIAGRAMS

SCALE: NOT TO SCALE

LIGHTING GENERAL NOTES

1. FURNISH ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING ACCESSORIES TO MEET THE JOB REQUIREMENTS. VERIFY ROOM SURFACE CONSTRUCTION TYPES AND FINISH TYPES PRIOR TO ORDERING FIXTURES TO ENSURE PROPER MOUNTING PROVISIONS AND FIXTURE FITTINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS.
2. VERIFY ALL FIXTURE MOUNTING HEIGHTS AND LOCATIONS WITH LATEST ARCHITECTURAL DRAWINGS. EXACT LOCATION OF FIXTURES SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO START OF ROUGHING.
3. "LIGHTING FIXTURE SCHEDULE" REMARKS, "LIGHTING FIXTURE SCHEDULE NOTES", "LIGHTING GENERAL NOTES", AND NOTATIONS ELSEWHERE MAY INDICATE FEATURES AND ACCESSORIES THAT ARE NOT INDICATED IN THE CATALOG NUMBER BUT ARE REQUIRED FOR THE PROJECT. SUBSTITUTIONS SUBMITTED SHALL BE DOCUMENTED FOR CONFORMANCE IN PERFORMANCE, CONSTRUCTION, AND APPEARANCE WITH THE CRITERIA ESTABLISHED BY THE SPECIFIED PRODUCT.
4. COMPACT FLUORESCENT LAMPS SHALL HAVE KELVIN COLOR TEMPERATURE AS SCHEDULED WITH A COLOR RENDERING INDEX OF 82 MINIMUM. COMPACT FLUORESCENT LAMPS SHALL BE THE AMALGAM TYPE, SYLVANIA DULUX T/E/IN OR EQUAL BY PHILIPS OR GE.
5. STANDARD COMPACT FLUORESCENT BALLASTS SHALL BE SYLVANIA QUICKTRONIC PROSTART CF SERIES OR EQUAL BY ADVANCE, GE, OR UNIVERSAL. DIMMING COMPACT FLUORESCENT BALLASTS SHALL BE SYLVANIA QUICKTRONIC HELIOS CF SERIES (0-10V) OR EQUAL BY ADVANCE, GE, OR LUTRON.
6. LINEAR FLUORESCENT LAMPS SHALL HAVE KELVIN COLOR TEMPERATURE AS SCHEDULED WITH A COLOR RENDERING INDEX OF 85 MINIMUM. T5HO LAMPS SHALL BE THE ENERGY SAVER TYPE, SYLVANIA PENTRON HO SUPERSAVER ECOLOGIC OR EQUAL BY PHILIPS OR GE. ALL T5 LAMPS SHALL BE THE ENERGY SAVER TYPE, SYLVANIA PENTRON SUPERSAVER ECOLOGIC OR EQUAL BY PHILIPS OR GE.
7. STANDARD T5 AND T5HO LINEAR FLUORESCENT BALLASTS SHALL BE HIGH EFFICIENCY TYPE, SYLVANIA QHE PROSTART SERIES OR EQUAL BY ADVANCE, GE, OR UNIVERSAL. DIMMING LINEAR FLUORESCENT BALLASTS (0-10V) SHALL BE SYLVANIA QUICKTRONIC POWERSENSE (T5) SERIES OR SYLVANIA QUICKTRONIC HELIOS (T5HO) SERIES OR EQUAL BY ADVANCE, GE, OR LUTRON.
5. LED ARRAYS SHALL HAVE KELVIN COLOR TEMPERATURE AS SCHEDULED HAVING A COLOR RENDERING INDEX OF 80 MINIMUM AND MINIMUM L70 LIFETIME RATING OF 50,OOO HOURS AT 25°C AMBIENT. LED ARRAY AND DRIVER PACKAGES SHALL HAVE PUBLISHED IESNA LM-79 AND LM-80 TESTING DATA AS A STANDARD MANUFACTURED OFFERING. INDIVIDUAL COMPONENT TESTING DATA WILL NOT BE ACCEPTED. ALL FIXTURES SHALL MEET DESIGN LIGHTS CONSORTIUM (DLC) OR ENERGY START APPROVAL CRITERIA.
6. FIXTURE LETTERS SHOWN ONCE ON A CONTINUOUS ROW OF FIXTURES WITH SHALL BE TYPICAL FOR THAT ROW UNLESS OTHERWISE INDICATED. PROVIDE RUN LENGTH AS INDICATED OR CONTINUOUS WHERE SHOWN BETWEEN TWO ARCHITECTURAL ELEMENTS (WALLS, SOFFITS, COLUMNS, ETC.).
7. LINEAR ROWS OF RECESSED, SURFACE, OR SUSPENDED FLUORESCENT FIXTURES SHALL BE INSTALLED TO PROVIDE CONTINUOUS RUN LENGTHS AS INDICATED ON THE DRAWINGS. PROVIDE ALL REQUIRED FITTINGS, CONNECTORS, SUPPORTS, TRIMS, ETC., SO THAT RUNS ARE A COMPLETE ASSEMBLY WITH THE APPEARANCE OF A SINGLE UNIT. BALLASTS, DRIVERS, TRANSFORMERS, LED ARRAYS, AND LAMP SOCKETS SHALL BE FACTORY PRE-WIRED FOR CIRCUITING, SWITCHING, AND DIMMING AS INDICATED ON THE DRAWINGS.
8. PROVIDE CANOPIES FOR SUSPENDED FIXTURE LOCATIONS WHERE SUSPENSIONS MOUNTS TO UNFINISHED CEILING STRUCTURE (WHERE LOCATED IN FINISHED SPACES). AND WHERE PASSING THROUGH SUSPENDED CEILINGS (CONFIRM WHETHER IN TILE OR AT GRID). PROVIDE SWIVEL ALIGNERS FOR SUSPENSIONS WHERE REQUIRED FOR SLOPED CEILINGS. ENTIRE SUSPENSION ASSEMBLY SHALL BE SUPPLIED BY MANUFACTURER OF FIXTURES.
9. FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, INDEPENDENT OF HUNG CEILINGS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR SEISMIC SUPPORT, RESTRAINT, AND BRACING REQUIREMENTS OF THE PROJECT.
10. PROVIDE TYPE AND QUANTITY OF BALLASTS, DRIVERS, AND TRANSFORMERS AS REQUIRED TO PROVIDE CONTROL METHOD INDICATIONS ON THE PLANS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: SWITCHING SUBSCRIPTS, NOTES, SCHEDULE REMARKS / DESCRIPTIONS, AND DETAILS. QUANTITY OF BALLASTS, DRIVERS, AND TRANSFORMERS SHALL BE THE MINIMUM REQUIRED TO PROVIDE CONTROL INDICATED TO MAINTAIN THE LOWEST CONNECTED LOAD OF LIGHTING SYSTEM POSSIBLE. TANDEM WIRING OF FIXTURES SHALL BE PROVIDED WHERE NECESSARY AND WITHIN THE WIRING DISTANCE RESTRICTIONS OF THE MANUFACTURER'S INSTALLATION REQUIREMENTS.
11. ALL LAMPS, BALLASTS, LED SOURCES, DRIVERS, AND CONTROLS SHALL MEET THE LATEST UTILITY COMPANY INCENTIVE REQUIREMENTS. REFER TO THE LATEST PROGRAM REQUIREMENTS DOCUMENTATION AND COORDINATE WITH THE UTILITY COMPANY TO ENSURE COMPLIANCE.
12. EXIT SIGNS TO BE PROVIDED WITH ARROWS AS INDICATED ON DRAWINGS. TYPICALLY MOUNT ON CEILING WHERE VISIBLE OR ON WALL WHERE CEILING MOUNTING IS NOT PRACTICAL. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFIC MOUNTING DIRECTION AND FOR LOCATION COORDINATION.
13. EXIT SIGNS SHALL BE THE SELF-CONTAINED TYPE WITH INTEGRAL BATTERY BACK-UP AND SELF-DIAGNOSTICS WHERE NO LIFE SAFETY POWER SOURCE IS AVAILABLE, REGARDLESS OF MODEL / SERIES SPECIFIED.
14. EXIT SIGNS INSTALLED IN GYMNASIUMS, LOCKER ROOMS, AND ANY OTHER DESIGNATED AREAS SHALL BE PROVIDED WITH POLYCARBONATE SHIELD AS PART OF EXIT SIGN PACKAGE FROM SAME MANUFACTURER.
15. FIXTURES WITH MULTI WATTAGE BALLASTS OR DRIVERS SHALL BE LABELED FROM THE FACTORY FOR THE WATTAGE SPECIFIED TO ENSURE COMPLIANCE WITH ENERGY CODE CALCULATIONS.
16. FINISH FOR ALL FIXTURES SHALL BE SELECTED OR CONFIRMED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD CATALOG OPTIONS.
17. WHERE FIXTURES OTHER THAN THE SPECIFIED PRODUCTS ARE PROVIDED, THE CONTRACTOR SHALL PROVIDE LIGHT LEVEL CALCULATIONS IN ACCORDANCE WITH IESNA STANDARDS TO JUSTIFY THAT THE SUBSTITUTED FIXTURES ARE OF EQUAL PERFORMANCE TO THE SPECIFIED PRODUCTS (APPLIES TO ALL FIXTURES IN ALL SPACES.)

LIGHTING FIXTURE SCHEDULE NOTES (⊙)

1. PROVIDE EXIT SIGN THAT COMPLIES WITH WITH NFPA 101, UL 924, 521 CMR 26.1.2 AND ALL REFERENCED STANDARDS AND CODES.
2. SITE LIGHTING HAS BEEN SPECIFIED WITH THE FOLLOWING BACKLIGHT, UPLIGHT, AND GLARE RATINGS AS DEFINED BY IES TM-15-07 :

   SL1/4L = B2/U0/G1, SL1/5L = B4/U0/G1, SL4 = B0/U0/G1
3. PROVIDE ALCS ADDRESSABLE INPUT/OUTPUT (I/O) MODULE FOR EACH FIXTURE UNLESS OTHERWISE NOTED. APPLICATIONS NOT REQUIRING INDIVIDUAL CONTROL (WHERE NOTED ON PLANS) SHALL BE PROVIDED WITH I/O MODULES ON A FIXTURE GROUPING BASIS. WHERE FIXTURES ARE LOCATED IN HARD CEILING AREAS THE I/O MODULE SHALL BE REMOTE MOUNTED IN ACCESSIBLE AREA ABOVE AN A.C.T. CEILING. WHERE FIXTURES ARE LOCATED OUTDOORS THE I/O MODULE SHALL BE LOCATED IN THE MAIN ELECTRICAL ROOM ADJACENT TO THE PANEL SERVING THE LIGHTING. REFER TO "AUTOMATED LIGHTING CONTROL SYSTEM - TYPICAL ONE-LINE DIAGRAM" AND SPECIFICATIONS FOR FURTHER INFORMATION.
4. FIXTURE SHALL BE PROVIDED WITH 0-10V DIMMING BALLAST(S) OR DRIVER(S) AS REQUIRED FOR LAMPS / LED MODULES SPECIFIED TO BE CONTROLLED VIA A 0-10V SIGNAL FROM ALCS.
5. FIXTURE SHALL BE PROVIDED WITH BI-LEVEL DRIVER(S) AS REQUIRED FOR LED MODULES SPECIFIED TO BE CONTROLLED AT 100% AND 50% OUTPUT VIA SWITCHED CIRCUITS CONTROLLED BY THE ALCS.
6. ALL WIRING TO TYPE "RH" REMOTE HEAD LOCATIONS SHALL BE 2#10 MINIMUM.

GENERAL NOTES

1. THE SCOPE OF WORK SHALL INCLUDE PROVIDING ALL WORK INDICATED, AND COORDINATION WITH ALL TRADES. SCOPE OF WORK IS INDICATED ON THE CONTRACT DOCUMENTS INCLUDING THE DRAWINGS AND THE SPECIFICATIONS, WHICH ARE COMPLIMENTARY. WORK INDICATED IN ANY CONTRACT DOCUMENT SHALL BE CONSIDERED PART OF THE SCOPE OF WORK. IN GENERAL, WORK REQUIREMENTS ARE NOT INDICATED IN BOTH DOCUMENTS . WHERE DOCUMENTS CONFLICT WITHIN THEMSELVES OR WITH CODES AND REGULATIONS, PROVIDE THE HIGHER QUANTITY AND QUALITY AND FOLLOW THE STRICTER REQUIREMENTS.
2. COORDINATE WITH THE GENERAL CONTRACTOR, OTHER TRADES AND OF MANUFACTURERS EQUIPMENT AND MAKE ALL FINAL CONNECTIONS AS REQUIRED, I.E., POWER, CONTROL, INTERLOCK, ETC.
3. ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH OSHA, NFPA STANDARDS, THE ELECTRICAL CODE AND THE LOCAL GOVERNING AUTHORITIES. THE DRAWINGS AND SPECIFICATIONS DO NOT ATTEMPT TO INDICATE ALL WORK REQUIRED BY CODES AND AUTHORITIES.
4. TEST ALL EQUIPMENT AND SYSTEMS INSTALLED TO CERTIFY COMPLIANCE WITH DRAWINGS, SPECIFICATIONS, CODES, LOCAL AUTHORITIES AND REGULATIONS. INCLUDE LABOR AND COSTS FOR TESTING, REVIEWS, APPROVALS AND CERTIFICATIONS.
5. DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATION, MOUNTING HEIGHTS OF EQUIPMENT AND ROUTING OF RACEWAYS SHALL BE COORDINATED WITH THE EQUIPMENT REQUIREMENTS AND FIELD CONDITIONS.
6. FURNISH AND INSTALL ALL INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE ELECTRICAL WORK COMPLETE AND READY FOR OPERATION.
7. SUPPORT ALL WORK FROM THE BUILDING STRUCTURE.
8. ALL MOUNTING HEIGHTS ARE TO CENTERLINE UNLESS OTHERWISE INDICATED.
9. IF EXACT MOUNTING OR RACEWAY ROUTINGS ARE NOT INDICATED (LOCATION OR HEIGHT) REQUEST CLARIFICATION PRIOR TO ROUGHING, OR INSTALLATION.
10. ELECTRICAL WORK SHALL BE RECESSED INTO WALLS OR INSTALLED ABOVE HUNG CEILINGS UNLESS OTHERWISE INDICATED.
11. DO NOT INSTALL OUTLETS BACK TO BACK. PROVIDE 24 INCH SPACING IN FIRE RATED WALLS.
12. PROVIDE ELECTRICAL OUTLET PLATE GASKET SEALS AT RECEPTACLES, SWITCHES AND OTHER ELECTRICAL BOXES ON EXTERIOR WALLS AND INTERIOR WALLS BETWEEN CONDITIONED AND NON-CONDITIONED SPACES.
13. WIRE AND CONDUIT SIZES INDICATED ON HOMERUNS SHALL BE CONTINUOUS THROUGHOUT CIRCUIT.
14. FURNISH AND INSTALL CODE REQUIRED DISCONNECTS WHICH ARE NOT FURNISHED BY THE HVAC OR PLUMBING CONTRACTORS.
15. INSTALL A GREEN GROUNDING CONDUCTOR WITHIN EACH RACEWAY SIZED IN ACCORDANCE WITH THE ELECTRIC CODE.
16. PROVIDE WATERTIGHT AND GAS TIGHT SEALS INSIDE AND OUTSIDE OF CONDUITS THAT PENETRATE THE BUILDING BELOW GRADE. O.Z. GEDNEY OR APPROVED EQUAL. PROVIDE WEATHER TIGHT SEAL AT PENETRATIONS ABOVE GRADE.
17. PROVIDE NRTL LISTED SMOKE AND FIRE SEALS AT ALL PENETRATIONS THROUGH FLOORS OR FULL HEIGHT (SLAB TO SLAB) WALLS.
18. USE CAUTION TO AVOID DAMAGE TO EXISTING UTILITY LINES AND/OR HARM TO PERSONNEL WORKING IN THESE AREAS.
19. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER MINIMUM #12 AWG. SIZE UNLESS OTHERWISE INDICATED.
20. PROVIDE A PULL LINE IN EVERY EMPTY CONDUIT PROVIDED UNDER THIS SECTION.

WIRING NOTES

1. WIRING IS INDICATED ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
2. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
3. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE PROVIDED.
4. ALL SWITCH CONTROLS SHALL BE PROVIDED WITH WIRING AND CONDUIT AS REQUIRED.
5. RACEWAYS SHALL BE LIMITED TO SIX CURRENT CARRYING CONDUCTORS (THREE PHASE AND THREE NEUTRALS) AND GROUNDING CONDUCTOR, UNLESS OTHERWISE INDICATED. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH SINGLE PHASE RECEPTACLE CIRCUIT UNLESS AN OVERSIZED NEUTRAL IS SPECIFICALLY INDICATED.

JOHNSON ROBERTS ASSOCIATES INC. ARCHITECTS

15 PROPERZI WAY
SOMERVILLE, MA
01243 - 3228

GARCIA-GALUSKA-DESOUSA CONSULTING ENGINEERS INC.
370 Faunce Corner Road, Dartmouth, MA 02747-1271
508-998-0700 • FAX 508-998-0883 • E-MAIL info@g-g-d.com

Revisions:

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Sheet Title:

LIGHTING FIXTURE SCHEDULE

Date: 17-DEC-12 Drawn By: JR

Scale: N.T.S. Project No.: 1201

E0.2

Bid Documents