

MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT MATTS	MOUNTING	DESCRIPTION
			NO.	TYPE		NO.	TYPE			
A	COLUMBIA LTG	LCAT22-30-FL-G-ED-U	-	LED	120/277	1	ELECTRONIC DRIVER	24	RECESSED	RECESSED 2x2 LED FIXTURE, 0-10V DIM.
BR	CONTECT LTG	CR56-DORC22-BV/CR5648-30K-BV/LA64-B	-	LED	120/277	1	ELECTRONIC DRIVER	11	PENDANT	DECORATIVE BAR PENDANT, 0-10V DIM, COORDINATE HANGING HEIGHT WITH ARCH/VOWNER.
F5	FAIL-SAFE	F75-X-24-4-LD4-2-STD-30-LVW-62-86-EDC-1	-	LED	120/277	1	ELECTRONIC DRIVER	73	RECESSED	RECESSED 2x4 LED VANDAL RESISTANT LIGHT, G.C. TO FRAME CEILING TO ACCOMMODATE LIGHT FIXTURE.
FAN	BIG ASS FAN	BASIC 6 - 8"	-	-	208	-	-	-	PENDANT	8" BIG ASS FAN, PROVIDE 4'-6" PENDANT LENGTH, COORDINATE VFD AND KEYPAD CONTROL LOCATIONS WITH G.C./ARCH. NOTE 6.
HA	FLUXMERK	NTI-L-02-B-A-30-F2-M1-(LENGTH)-E	-	LED	120/277	1	ELECTRONIC DRIVER	64/FT	RECESSED	RECESSED LINEAR SLOT FIXTURE, PROVIDE FIXTURE LENGTHS AS INDICATED ON PLANS, 0-10V DIM.
HAI	FLUXMERK	NTI-L-02-B-A-30-F2-M1-(LENGTH)-E	-	LED	120/277	1	ELECTRONIC DRIVER	64/FT	RECESSED	RECESSED LINEAR SLOT FIXTURE, PROVIDE FIXTURE LENGTHS AS INDICATED ON PLANS, 0-10V DIM.
HB	AXIS LIGHTING	SPRLED-400-80-30-FL-19-H-UNV-DP-1-(MOUNTING)-DS	-	LED	120/277	1	ELECTRONIC DRIVER	44/FT	RECESSED	RECESSED MOUNTED LINEAR LED FIXTURE, 0-10V DIM.
HC	FLUXMERK	NTI-L-02-B-D-30-F2-M1-(LENGTH)-E	-	LED	120/277	1	ELECTRONIC DRIVER	104/FT	RECESSED	RECESSED LINEAR SLOT FIXTURE, PROVIDE FIXTURE LENGTHS AS INDICATED ON PLANS, 0-10V DIM.
HD	LUMINART	ELP-LWH-56	-	LED	120	1	ELECTRONIC DRIVER	40	PENDANT	LED PENDANT LIGHT AT STAIR, COORDINATE HANGING HEIGHT WITH ARCH/VD, 0-10V DIM.
HE	LUMINI	LL30-H-30K-(LENGTH)/KHF-(LENGTH)	-	LED	120/24	1	ELECTRONIC DRIVER	34/FT	SURFACE	LED TAPE LIGHT MOUNTED IN BOTTOM OF HANDRAIL, PROVIDE 48" FROSTED CHANNEL, 0-10V DIM W/ P500V-30W-24-LIN PHW SUPPLY, COORD. NOTES 4,5.
HF	FOCAL POINT	F2R-22-FL-2000L-30K-1C-UNV-LDI-G-ET-HH	-	LED	120/277	1	ELECTRONIC DRIVER	23	RECESSED	RECESSED 2x2 LED PANEL FIXTURE, 0-10V DIM.
HG	FOCAL POINT	FCT-22-FL-2500L-30K-1C-UNV-LDI-G-ET-HH	-	LED	120/277	1	ELECTRONIC DRIVER	21	RECESSED	RECESSED 2x2 LED PANEL FIXTURE, 0-10V DIM.
HH	INTENSE	MDL-44S-L2-30-D01-40-(OPTIONS)-ISA400-(FINISH)-5FM	-	LED	120	1	ELECTRONIC DRIVER	35	SURFACE	RECESSED MOUNTED SQUARE DOWN LIGHT IN CEILING ABOVE TRUSSES, 0-10V DIM.
HH	INTENSE	MDL-44S-P1-30-D01-40-(OPTIONS)-ISA400-(FINISH)-5FM	-	LED	120	1	ELECTRONIC DRIVER	35	SURFACE	RECESSED MOUNTED SQUARE DOWN LIGHT, 0-10V DIM.
HI	PROLUME	RIA40	-	LED	120/24	1	ELECTRONIC DRIVER	44/FT	SURFACE	SURFACE MOUNTED LINEAR ARRAY FIXTURE 500K-1002 TO CREATE BLUE LIGHT TO UPLIGHT CEILING, 0-10V DIM, NOTES 4,5.
HJ	SPI LIGHTING	SPI205-LW4-UNV-DP-P5K-3000K-DF-1A01-15M-45-(OAH)-(FINISH)	-	LED	120/277	1	ELECTRONIC DRIVER	34	PENDANT	PENDANT MOUNTED LED CYLINDER IN LAND SIDE VESTIBULE, 0-10V DIM, COORDINATE HANGING HEIGHT WITH ARCHITECT.
HEX-A	USA1	D1-W-B1-S-(FINISH)-LSLDA-9014-102-30K-50-16-277V-1-DIM2-ETLHM	-	LED	277	1	ELECTRONIC DRIVER	14	RECESSED	EXTERIOR RECESSED SQUARE LED DOWN LIGHT, 0-10V DIM.
HEX-B	BIRCHWOOD LTG	BRA-LED-SLD-30-CR-EF2-(FINISH)-TRI-FW-277-DIO-59	-	LED	277	1	ELECTRONIC DRIVER	54/FT	SURFACE	EXTERIOR SURFACE LINEAR LED FIXTURE MOUNTED TO UNDERSIDE OF CANOPY BEAMS, 0-10V DIM.
HEX-BI	BIRCHWOOD LTG	BRA-LED-HLO-30-CR-EF2-(FINISH)-TRI-FW-277-DIO-59	-	LED	277	1	ELECTRONIC DRIVER	94/FT	SURFACE	EXTERIOR SURFACE LINEAR LED FIXTURE MOUNTED TO UNDERSIDE OF CANOPY BEAMS, 0-10V DIM.
HEX-C	LUMINI	KR19W-(LENGTH)-30K-H0-G-(MOUNT)-(FINISH)-(FONES)	-	LED	277/24	1	ELECTRONIC DRIVER	54/FT	SURFACE	EXTERIOR RECESSED MOUNTED LED GRAZER TO ILLUMINATE BLUE WALLS, 0-10V DIM, NOTES 4,5.
HEX-D	GE	EFN-B-0-F4-7-30-A-S-(FINISH)-D5DABLOCK-EFN-F866ZCTTTP	-	LED	120/277	1	ELECTRONIC DRIVER	125W	POLE	POLE MOUNTED FLOODLIGHT TO ILLUMINATE RAMP WITH THIN MNTG BRACKET FBAPCZTT, 48" POLE.
MS	SUNSET LTG	F808-30	-	LED	120	1	ELECTRONIC DRIVER	15	CEILING	LED DISK FIXTURE, WHITE, 1050 LUMENS, WET LOCATION LABELED, SHOWER LIGHT.
OL	FARLIGHT	NV-L810LED-120A-DEB	-	LED	120	1	ELECTRONIC DRIVER	6	POLE	BUILDING OBSTRUCTION BEACON LIGHT, PROVIDE FAA APPROVED PHOTOCELL MNTD ON NORTH FACE OF BLDG FOR CONTROL.
P2	LITHONIA	ZL10-L24-59K-25L-FST-1VOLT-40K-WH	-	LED	120/277	1	ELECTRONIC DRIVER	22	PENDANT	24" LED STRIP LIGHT WITH LENS, HANG FROM STRUCTURE AS REQUIRED.
P4	LITHONIA	ZL10-L24-59K-50L-FST-1VOLT-40K-WH	-	LED	120/277	1	ELECTRONIC DRIVER	41	PENDANT	48" LED STRIP LIGHT WITH LENS, HANG FROM STRUCTURE AS REQUIRED.
PL	CANLET	02-20M-L-H-F-01	-	LED	120/277	1	ELECTRONIC DRIVER	20	SURFACE	LED VAPORTIGHT ELEVATOR PIT LIGHT, WALL MOUNT. UL WET LOCATION LABEL.
UC24	LITHONIA	UCEL 24IN 30K 5HR H4 H4	-	LED	120	1	ELECTRONIC DRIVER	10	SURFACE	24" LED UNDERCABINET LIGHT WITH ROCKER SWITCH.
UC36	LITHONIA	UCEL 36IN 30K 5HR H4 H4	-	LED	120	1	ELECTRONIC DRIVER	10	SURFACE	36" LED UNDERCABINET LIGHT WITH ROCKER SWITCH.
H	LITHONIA	HL4-40L-1VOLT-EZ1-40K	-	LED	120/277	1	ELECTRONIC DRIVER	40	SURFACE	4" LED STAIR WALL LIGHT.
⊕	LITHONIA	LE 5 W 1/2 R	-	LED	120/277	-	-	-	-	DIE-CAST ALUMINUM LED EXIT SIGN WITH RED LETTERS AND WHITE HOUSING, UNIVERSAL MOUNTING.

- NOTES:
- CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. INFORMATION ON ALTERNATE FIXTURES PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT FIXTURE (OR THE ALTERNATE PACKAGE AS A WHOLE).
 - EXIT LIGHTING FIXTURES SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT, UNLESS NOTED OTHERWISE.
 - NOT USED.
 - COORDINATE WITH MANUFACTURER TO PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
 - PROVIDE REPIOTE LED DRIVER OR POWER SUPPLY ABOVE NEAREST ACCESSIBLE LAY IN CEILING, QUANTITY AS REQUIRED BY MANUFACTURER.
 - PROVIDE SPEED CONTROLLER FOR CEILING FANS FROM BIG ASS FANS, COORDINATE EXACT TYPE REQUIRED WITH MANUFACTURER.

LIGHTNING PROTECTION NOTES

- COMPLETE LIGHTNING PROTECTION SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 780.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NECA 70) AND ALL LOCAL AND STATE CODES.
- ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.
- ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID BY THE CONTRACTOR. SHOP DRAWINGS OF THE PROPOSED INSTALLATION SHALL BE PREPARED BY THE CONTRACTOR AND SHALL BE SUBMITTED TO THE ENGINEER, THE OWNER'S INSURANCE COMPANY AND THE AUTHORITY HAVING JURISDICTION FOR REVIEW. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS.
- THE CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR TEN YEARS EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONDUCTORS SHALL BE COPPER OR ALUMINUM AND SHALL BE SELECTED SUCH THAT THEY ARE NOT PLACED IN CONTACT WITH DISSIMILAR BUILDING MATERIALS. ALL CONNECTIONS SHALL BE MADE WITH DEVICES LISTED FOR USE WITH THE CONDUCTOR MATERIALS TO BE JOINED.
- BUILDING STRUCTURAL STEEL MAY NOT BE USED AS THE DOWN CONDUCTORS FOR THE SYSTEM BUT MUST BE BONDED TO THE SYSTEM IN ALL CASES.
- THE ELECTRICAL SERVICE AND THE EMERGENCY POWER DISTRIBUTION SYSTEM SHALL BE PROVIDED THE TRANSIENT VOLTAGE SURGE SUPPRESSION DEVICES.

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
- ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.
- ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #10 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS OTHERWISE NOTED. BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQ'D.
- ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB. MINIMUM CONDUIT SIZE TO BE 1/2". TYPE MC AND AC CABLE MAY BE USED WHERE PERMISSIBLE BY NEC.
- PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
- PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. PROVIDE ENGRAVED PNEUMATIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.
- DELTAY 0 - 600 AMP'S SHALL BE UL CLASS "RC-1" LOW PEAK DUAL ELEMENT THE DELAY AT 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSBMAN, UNLESS NOTED OTHERWISE.
- ALL TERMINALS/SLUGS SHALL BE 60/75 RATED. ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
- VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCORPORATING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START-UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
- E.G. TO VERIFY DEVICE PLATE COLOR AND MATERIAL WITH ARCHITECT PRIOR PURCHASE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPARKLE, ETC.).
- PENETRATIONS OF REQUIRED SPOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STRUCTURAL BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SPOKE STOPPING IS ACCOMPLISHED.
- WHERE PENETRATIONS ARE THROUGH A RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING ELECTRICAL, TELEPHONE, TELEVISION, OR CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR SIGNALING CIRCUITS, THE OPENING AREA SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS STOPPING IS ACCOMPLISHED. USE APPROVED U.L. OR EQUIVALENT ASSEMBLIES.
- IN REQUIREMENTS RATES WALLS AND PARTITIONS. OPENINGS FOR INSTALLATION OF BOXES WHERE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY THE GENERAL CONTRACTOR. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE UL RATING IS MAINTAINED.
- WHERE A WIRE RUN IS WITHIN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COBWEB WITH OTHER CIRCUITS. WHERE A CIRCUIT RUN IS NOT SUCH, THE CONTRACTOR SHALL CORRENE CIRCUITS AS FOLLOWS: A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COBWEB IN A COMMON HOMERUN WITH SEPARATE NEUTRALS FOR A MAXIMUM TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL.
- COORDINATE WITH THE CABLE TV AND TELEPHONE UTILITIES AS REQUIRED FOR SERVICE ENTRANCE REQUIREMENTS. INSTALLATION MUST COMPLY WITH THEIR SERVICE REGULATIONS AND REQUIREMENTS.
- RECEPTACLES SHALL BE SPECIFICATION GRADE EQUAL TO HUBBELL 5300 SERIES, GROUND FAULT RECEPTACLES SHALL BE HUBBELL GF-5362. LIGHTING SWITCHES SHALL BE SPECIFICATION GRADE EQUAL TO HUBBELL 1200 SERIES.
- AUDIBLE FIRE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 85DBA ABOVE THE AVERAGE AMBIENT SOUND PRESSURE LEVEL AT ALL LOCATIONS WITHIN THE OCCUPABLE SPACE. TYPICAL AVERAGE AMBIENT SOUND PRESSURE LEVELS ARE GIVEN IN NFPA 72 TABLE A-4-3.2.
- IF THREE OR MORE FIRE ALARM SYSTEM VISUAL NOTIFICATION APPLIANCES ARE LOCATED WITHIN AN OBSERVERS FIELD OF VIEW (30°) AND WITHIN 50'-0" OF THE OBSERVER, THEN THE DEVICES SHALL BE SYNCHRONIZED.
- ALL EXTERIOR FIXTURES AND DEVICES SHALL BE RATED FOR OPERATION AT 0' F AND SHALL BE DAMP OR WET LABELED AS REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL AS REQUIRED.
- ELECTRICAL CONTRACTOR TO COORDINATE THE EXACT HCA/MSCP REQUIREMENTS OF ALL EQUIPMENT WITH ALL OTHER TRADES PRIOR TO PRICING, ORDERING, OR INSTALLING ANY ELECTRICAL GEAR. THIS SHALL INCLUDE BUT NOT LIMITED TO ALL HVAC, PLUMBING, KITCHEN, OWNER PROVIDED EQUIPMENT, ETC.
- ALL CEILING ARE PLENUM RATED. ALL CONDUIT, WIRING, AND J-BOXES TO BE METAL CLAD. LOW VOLTAGE VENDOR TO PROVIDE ALL PLENUM RATED CABLE AS REQUIRED.

ELECTRICAL SYMBOL LEGEND

- CIRCUIT CONDUCTORS CONCEALED IN FLOOR, HALL OR CEILING.
- ARRONHEAD INDICATES HOMERUN TO PANEL NOTED.
- INDICATES HOT LEG OF CIRCUIT TO BE CARRIED OVER TO NEXT DEVICE. SEE PLANS FOR CONTROL SCHEME.
- LOW VOLTAGE CONDUCTORS CONCEALED IN FLOOR, HALL OR CEILING.
- JUNCTION BOX CEILING MOUNTED.
- JUNCTION BOX FLOOR MOUNTED.
- JUNCTION BOX HALL MOUNTED AT HEIGHT INDICATED ON DRAWINGS.
- SINGLE POLE SWITCH, 20A 120/277 VOLT, 40' A.F.F. TO CENTER.
- *2* INDICATES 3-WAY SWITCH.
- *4* INDICATES 4-WAY SWITCH.
- *5* INDICATES DIMMER SWITCH OF TYPE TO SUIT LOAD.
- *6* INDICATES KEY OPERATED SWITCH.
- *7* INDICATES 20V, 20A MOTOR RATED TOGGLE SWITCH.
- *8* INDICATES LOW VOLTAGE 2-BUTTON SWITCH HIRED PER MANUFACTURER'S RECOMMENDATIONS.
- DUPLEX RECEPTACLE, 15 AMP, 120 VOLT, 24" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.
- *9* INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE.
- *10* INDICATES HEATHERPROOF.
- *11* INDICATES 60A TYPE RECEPTACLE MOUNT INSIDE ENCLOSURE OF ELECTRIC WATER COOLER.
- *12* INDICATES RECEPTACLE WITH (2) USB CHARGING PORTS.
- *13* INDICATES TWIST LOCK TYPE RECEPTACLE.
- DUPLEX RECEPTACLE, AS ABOVE, 24" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.
- QUADRUPLX RECEPTACLE, AS ABOVE, 24" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.
- HEAVY DUTY FUSIBLE/NON-FUSIBLE DISCONNECT SWITCH. INDICATE FRAME SIZE, NUMBER OF POLES AND FUSING. PROVIDE NEW ENCLOSURE. PROVIDE NEW 3 ENCLOSURE FOR ALL SWITCHES LOCATED OUTSIDE.
- *14* INDICATES FUSE. SEE EQUIPMENT NAMEPLATE.
- *15* INDICATES 120V/20V PANEL SURFACE OR RECESSED MOUNTED. SEE SCHEDULE FOR DETAILS.
- RECESSED MOUNTED 2x2 LED TROFFER, SEE FIXTURE SCHEDULE FOR DETAILS.
- SURFACE MOUNTED FLUORESCENT STRIP, SEE FIXTURE SCHEDULE FOR DETAILS.
- WALL MOUNTED LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.
- SURFACE, RECESSED OR GROUND MOUNTED LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.
- EXIT LIGHT, CEILING AND HALL MOUNTED RESPECTIVELY. SHADING INDICATES FACE. PROVIDE RED LETTERS WITH WHITE HOUSING AND EMERGENCY BATTERY PACK RATED FOR 90 MINUTE DURATION. WIRE TO HOT LEG OF LOCAL LIGHTING CIRCUIT.
- EMERGENCY LIGHT, HALL MOUNTED WITH EMERGENCY BATTERY PACK RATED FOR 90 MINUTE DURATION. WIRE TO HOT LEG OF LOCAL LIGHTING CIRCUIT.
- COBWEB EMERGENCY/EXIT LIGHT, CEILING AND HALL MOUNTED RESPECTIVELY. SHADING INDICATES FACE. PROVIDE RED LETTERS WITH WHITE HOUSING AND EMERGENCY BATTERY PACK RATED FOR 90 MINUTE DURATION. WIRE TO HOT LEG OF LOCAL LIGHTING CIRCUIT.
- EXTERIOR EMERGENCY LIGHT, HALL MOUNTED WITH EMERGENCY BATTERY PACK RATED FOR 90 MINUTE DURATION. WIRE TO HOT LEG OF LOCAL LIGHTING CIRCUIT.
- TELEPHONE/DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING. *F* INDICATES FIS AREA TELE/DATA OUTLET. PROVIDE EMPTY 1/2" CONDUIT TO ACCESSIBLE CEILING. SEE RISER DIAGRAM FOR DETAILS.
- TELEPHONE OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING. *F* INDICATES FIS AREA TELE/DATA OUTLET. PROVIDE EMPTY 1/2" CONDUIT TO ACCESSIBLE CEILING. SEE RISER DIAGRAM FOR DETAILS.
- DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING. *F* INDICATES FIS AREA DATA OUTLET. PROVIDE EMPTY 1/2" CONDUIT TO ACCESSIBLE CEILING. SEE RISER DIAGRAM FOR DETAILS.
- LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK SET FOR 20 MINUTES. PROVIDE WITH 100 50 FT RANGE. COORDINATE EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
- 120V WALL MOUNTED AT 46" AFF OCCUPANCY SENSOR SET FOR 15 MINUTES.
- 120V WALL MOUNTED AT 46" AFF OCCUPANCY SENSOR WITH 0-10V DIMMING SET FOR 15 MINUTES. WIRE PER MANUFACTURER'S RECOMMENDATIONS.
- ROOM LIGHTING CONTROLLER WIRED PER MANUFACTURER'S RECOMMENDATIONS.
- CATY OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING. SEE RISER DIAGRAM FOR DETAILS.
- PROVIDE 120V CONNECTION FOR RANGE HOOD.
- (2) OR (4) GANG RECESSED IN SLAB FLOOR BOX WITH COVER PLATE AND RECEPTACLES AND TELE/DATA OUTLETS AS INDICATED.
- RECESSED KNOX BOX. PROVIDE PER LOCAL FIRE DEPARTMENT REQUIREMENTS. COORDINATE WITH FIRE DEPARTMENT PRIOR TO PROJECT START UP.
- PROVIDE RELAY WITH 277V COIL FOR FAN CONTROL WITH LIGHTS. EXHAUST FAN TO BE PROVIDED WITH 120V POWER AND CONTROLLED VIA THE LIGHTING CONTROLS.
- PROVIDE J-BOX ABOVE CEILING WITH 120V/20A CIRCUIT FOR USE WITH ACCESS CONTROL AND SECURITY WIRING AND CONTROL.

NOTE NOT ALL SYMBOLS ARE USED.

ELECTRICAL ABBREVIATIONS

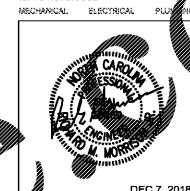
18"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED.	UON	UNLESS OTHERWISE NOTED.
AFF	ABOVE FINISHED FLOOR.	FACP	FIRE ALARM CONTROL PANEL.
AFG	ABOVE FINISHED GRADE.	LCP	LIGHTING CONTROL PANEL.
EC	ELECTRICAL CONTRACTOR.	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
FC	FUSE PER EQUIPMENT NAMEPLATE REQUIREMENTS.	AC	ABOVE COUNTER
GC	GENERAL CONTRACTOR.	NEC	NATIONAL ELECTRICAL CODE
MC	MECHANICAL CONTRACTOR.	NFPA	NATIONAL FIRE PROTECTION AGENCY
PL	PLUMBING CONTRACTOR.	UL	UNDER WRITERS LABORATORY
HP	INDICATES DEVICE TO HAVE HEATHERPROOF COVER.	HP	HEAT PUMP
		AH	AIR HANDLER
		CT	CURRENT TRANSFORMATION

ELECTRICAL SHEET INDEX

E-100	SITING LEGEND AND NOTES
E-200	SITE PLAN
E-201L	FIRST FLOOR LIGHTING PLANS
E-201P	FIRST FLOOR POWER PLANS
E-202L	SECOND FLOOR LIGHTING PLANS
E-202P	SECOND FLOOR POWER PLANS
E-203	ROOF PLANS
E-204L	EXTERIOR ELEVATIONS LIGHTING PLANS
E-205L	INTERIOR SECTIONS LIGHTING PLANS
E-206L	DIMMING LIGHTING CONTROL DETAILS
E-207L	CONFERENCE ROOM LIGHTING CONTROL DETAILS
E-208L	LIGHTING CONTROL DETAILS
E-301	POWER RISER DIAGRAM
E-302	DETAILS
E-303	DETAILS
E-401	PANEL SCHEDULES
E-402	PANEL SCHEDULES
E-403	PANEL SCHEDULES
E-404	PANEL SCHEDULES
E-501	CORRECTION



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DEC 7, 2018
PROJECT NUMBER = C-2130

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LANDSCAPE ARCHITECT
URBAN DESIGN PARTNERS
1318-88 CENTRAL AVENUE
CHARLOTTE, NC 28205
(704) 334-3303 FIRM NO. C-730

COMMUNICATIONS INFRASTRUCTURE
DB CONSULTING
240 LONES FARM ROAD
BLACKSBURG, SC 29702
(704) 497-7228 FIRM NO. C-1180

REVISIONS

NO.	DATE	DESCRIPTION

DATE: DECEMBER 7, 2018
PROJECT NUMBER: 9197-1000
SHEET TITLE: NOTES, LEGEND, AND SCHEDULES

SHEET NUMBER: E-100

Order Plans @