LIGHTING FIXTURE SCHEDULE *

REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT NECESSARILY BE REFLECTED IN CATALOG NUMBER AND/OR DESCRIPTION IN THIS SCHEDULE.

MARK	DESCRIPTION	MOUNTING	VOLTS	LAMPS	REMARKS
A	COLUMBIA * LJT-24-40-VL-G-FS-A19-ED-U	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
AR	COLUMBIA * LJT-24-40-VL-G-FS-A19-ED-U-GTD	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING GENERATOR TRANSFER DEVICE
B	COLUMBIA * LJT-24-40-ML-G-FS-A19-E-U	RECESSED	277	FURNISHED WITH FIXTURE	---
D	COLUMBIA * LJT-22-40-VL-G-FS-A19-ED-U	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
E	LITHONIA * LE-S-1-R	CEILING	277	FURNISHED WITH FIXTURE	---
F	LITHONIA * LE-S-2-R	CEILING	277	FURNISHED WITH FIXTURE	---
G	PRESCOLITE *LF6LEDG4-6LFLED6G4-40-WT	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
H	COLUMBIA * LCAT-24-40-VL-G-ED-U	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
HR	COLUMBIA * LCAT-24-40-VL-G-ED-U-GTD	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING GENERATOR TRANSFER DEVICE
J	COLUMBIA * LCAT-24-40-HL-G-ED-U	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
K	LITHONIA * LE-S-1-R-BACK MOUNT	WALL	277	FURNISHED WITH FIXTURE	---
L	COLUMBIA * LXEM-4-40-ML-RFA-E-U	SURFACE	277	FURNISHED WITH FIXTURE	---
M	COLUMBIA * LCL-4-40-ML-E-U	SURFACE	277	FURNISHED WITH FIXTURE	---
N	COLUMBIA * LJT-22-40-ML-G-FS-A19-E-U	RECESSED	277	FURNISHED WITH FIXTURE	---
P	COLUMBIA * LCAT-22-40-ML-G-ED-U	RECESSED	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING
Q	COLUMBIA * LLHV-4-50-H-W-ST-ED-U-WG	SURFACE	277	FURNISHED WITH FIXTURE	0-10 VOLT DIMMING WIRE GUARD
R	LITHONIA * LE-S-1-R-VR	WALL	277	FURNISHED WITH FIXTURE	VANDAL RESISTANT SHIELD
T	COLUMBIA * LJT-24-40-HL-G-FS-A19-ED-U-FK24	RECESSED	277	FURNISHED WITH FIXTURE	FLANGE KIT
TR	COLUMBIA * LJT-24-40-HL-G-FS-A19-ED-U-FK24-GTD	RECESSED	277	FURNISHED WITH FIXTURE	FLANGE KIT. GENERATOR TRANSFER DEVICE
U	BEACON * TRV-D-24NB55-5K-T3-UNV-DBT	WALL	277	FURNISHED WITH FIXTURE	REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF FIXTURE
V	BEACON * TRV-D-24NB55-5K-T3-UNV-DBT-PEC	WALL	277	FURNISHED WITH FIXTURE	REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF FIXTURE
W	LUMUX * WS500-LED-4000K-277-BRONZE	SURFACE	277	FURNISHED WITH FIXTURE	---
X	LUMUX * WS500-LED-4000K-277-BRONZE-PHOTOCELL	CABLE	277	FURNISHED WITH FIXTURE	PHOTOCELL BUTTON
XX	TAMLITE * AMCLED-35W	SURFACE	277	FURNISHED WITH FIXTURE	---
Y	KIM * LTV8FF-SP-36L-5K-UV-SR	GROUND	277	FURNISHED WITH FIXTURE	---
Z	LUMEN PULSE * LOGHO-277-48-40K-10X10-WAM12-BRZ-DIM-ETE	WALL	277	FURNISHED WITH FIXTURE	---
ZZ	LITHONIA * OLWXILED-13W-5K-BACK BOX MOUNT	COLUMN	277	FURNISHED WITH FIXTURE	REFER TO DETAIL 2/E2.5

* EQUALS BY LITHONIA, LIGHTOLIER, DAY-BRITE, WILLIAMS, METALUX, COLUMBIA, DUAL-LITE , AND EMERGI-LITE WILL BE ACCEPTABLE.

NOTE:
LED LIGHTING FITURES SHALL HAVE A MINIMUM WARRANTY OF 10 YEARS.

PROJECT SPECIAL NOTE

A. CONTRACTOR SHALL INCLUDE IN BID THE FOLLOWING EXTRA EQUIPMENT AND AN ALLOWANCE FOR INSTALLATION. IF EQUIPMENT LISTED IS NOT USED, TURN OVER TO OWNER.

- (3) PULL STATIONS WITH ALARM COVERS
- (5) CEILING MOUNTED STROBES
- (3) CEILING MOUNTED HORN / STROBES
- (5) SMOKE DETECTORS
- (1) HEAT DETECTOR

B. LED LIGHTING FIXTURES SHALL HAVE A MINIMUM WARRANTY OF 10 YEARS.

GENERAL ELECTRICAL NOTES:

A. MECHANICAL EQUIPMENT LOCATIONS SHOWN ON ELECTRICAL DRAWINGS ARE APPROXIMATE. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF EACH UNIT.

B. CONTRACTOR PROPOSING TO UNDERTAKE WORK UNDER THIS DIVISION SHALL VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES OF ALL CONDITIONS THAT EFFECT THE WORK OR COST THEREOF, AND EXAMINE THE DRAWINGS AS RELATED TO THE SITE CONDITIONS, PRIOR TO SUBMITTING HIS PROPOSAL FOR WORK.

C. CONSIDERATION WILL NOT BE GRANTED FOR ANY ALLEGED MISUNDERSTANDING OF THE AMOUNT OF WORK TO BE PERFORMED. TENDER OF PROPOSAL SHALL CONVEY FULL AGREEMENT TO THE ITEMS AND CONDITIONS INDICATED ON THE DRAWINGS. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO THE INTENT THEREOF, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ENGINEER AND/OR OWNER'S REPRESENTATIVE PRIOR TO SUBMITTING HIS PROPOSAL FOR WORK.

D. THIS CONTRACTOR SHALL VERIFY EXACT NAMEPLATE DATA ON ALL EQUIPMENT FURNISHED UNDER OTHER DIVISIONS AND/OR BY THE OWNER (I.E., HVAC EQUIPMENT, KITCHEN EQUIPMENT, ETC.) PRIOR TO THE INSTALLATION OF ELECTRICAL WORK AND MAKE ANY ADJUSTMENTS TO OUTLETS, CONDUIT, WIRE, AND/OR CIRCUIT BREAKER AS REQUIRED TO MATCH EQUIPMENT ACTUALLY FURNISHED.

E. CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES OF ALL DUCT MOUNTED SMOKE DETECTORS. DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED BY DIVISION 26, INSTALLED BY DIVISION 23, AND WIRED BY DIVISION 26.

F. THE OPERABLE PART OF MANUAL PULL STATION SHALL NOT BE LESS THAN 42" AND NO MORE THAN 48" ABOVE FLOOR LEVEL PER NFPA 72.

G. WALL MOUNTED HORN/STROBES, SPEAKER/STROBES, AND STROBES SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS ARE NOT LESS THAN 80" AFF. AND NOT GREATER THAN 96" AFF. PER NFPA 72.

H. REMINDER, NOTIFY THE STATE FIRE MARSHAL'S OFFICE, VIA SFM FORM 354A, PRIOR TO THE BEGINNING OF INSTALLATION OF FIRE ALARM SYSTEM AND SUBMIT THREE COPIES OF COMPLETE INFORMATION REGARDING SYSTEM, IN COMPLIANCE WITH NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013 EDITION, CHAPTERS 7 & 10. SPECIAL NOTE: EVIDENCE OF THE SYSTEM DESIGNER'S QUALIFICATIONS, IN THE FORM OF A NICET FIRE ALARM SYSTEM LEVEL IV CERTIFICATION, A STATE OF GEORGIA LVA OR LVU LICENSE, OR AN EOR's STAMP, SHALL BE IDENTIFIED ON THE PLANS, ALONG WITH THE APPROPRIATE NUMBER AND SIGNATURE (SEE CHAPTER 10, PARAGRAPH 10.5.1). AFTER APPROVAL, THE APPROVED PLANS MUST BE KEPT ON THE SITE AT ALL TIMES. NO WORK SHALL COMMENCE UNTIL APPROVAL OF THE PLANS SUBMITTAL BY SFM.

I. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS AND QUANTITIES OF ALL EXISTING FLOW AND TAMPER SWITCHES. NEW CONNECTIONS SHALL BE INSTALLED AND PROPERLY INTEGRATED WITH NEW FIRE ALARM SYSTEM.

J. THIS CONTRACTOR SHALL INCLUDE A VISIT TO THE SITE TO REVIEW EXISTING CONDITIONS ABOVE THE CEILING. CONTRACTOR'S BID SHALL INCLUDE ANY WORK NEEDED TO CORRECT ANY CODE VIOLATIONS OR SUB-STANDARD INSTALLATION TECHNIQUES USED. ANY ROMEX FOUND SHALL BE REMOVED AND REPLACED WITH EMT AND NEW CONDUCTORS.

K. ALL EXISTING SECURITY SYSTEM DEVICES AND WIRING, CCTV SYSTEM DEVICES AND WIRING, WIRELESS ACCESS POINTS AND WIRING, ETC, SHALL BE PROTECTED DURING RENOVATION OF THIS BUILDING.

L. DEVICES INSTALLED ON CEILINGS, SUCH AS SMOKE DETECTORS, HORN/STROBES, STROBES, WIRELESS ACCESS POINTS, MOTION SENSORS, FIBER OPTICS CABLES, DATA CABLES, ETC. SHALL BE SUPPORTED FROM STRUCTURE ABOVE. DEVICES SHALL NOT BE SUPPORTED BY CEILING TILE OR CEILING GRID.

M. CONTRACTOR SHALL INSTALL NEW DISCONNECTS TO ACCOMMODATE NEW HVAC EQUIPMENT. REUSING EXISTING DISCONNECTS IS NOT ALLOWED.

N. ALL WALL MOUNTED DEVICES SHALL BE FLUSH MOUNTED EXCEPT WHERE SHOWN ON AN EXISTING POURED WALL.

O. MANUFACTURED WIRING SYSTEM (RELOC) WILL NOT BE ALLOWED ON THIS PROJECT.

P. ALL NEW FEEDERS SHALL BE PROPERLY TORQUED. CONTRACTOR SHALL PROVIDE SIGNED AFFIDAVIT VERIFYING COMPLETION OF THIS PROCESS. ALL EXISTING AND NEW FEEDERS CONNECTED TO EXISTING PANEL "HC" SHALL BE PROPERLY TORQUED. CONTRACTOR SHALL PROVIDE SIGNED AFFIDAVIT VERIFYING COMPLETION OF THIS PROCESS. ALL EXISTING AND NEW FEEDERS, INCLUDING SERVICE ENTRANCE CONDUCTORS, ASSOCIATED WITH EXISTING SWITCHBOARD "MSG", SHALL BE PROPERLY TORQUED. CONTRACTOR SHALL PROVIDE SIGNED AFFIDAVIT VERIFYING COMPLETION OF THIS PROCESS.

Q. EACH NEW FIRE ALARM AUXILIARY POWER SUPPLY SHALL BE INSTALLED IN AN EXISTING ELECTRICAL ROOM. EACH POWER SUPPLY SHALL BE SERVED BY A DEDICATED 120V, 20A CIRCUIT. PANELBOARD DIRECTORY SHALL BE PROPERLY UPDATED.

R. CONTRACTOR SHALL INSTALL A 1" CONDUIT WITH PULL STRING FROM P.I.V. VAULT TO ACCESSIBLE PLENUM INSIDE BUILDING. IDENTIFY CONDUIT INSIDE BUILDING AS "P.I.V. VAULT".

S. CONTRACTOR SHALL REPLACE ALL EXISTING CIRCUIT BREAKERS SERVING EXISTING WATER COOLERS WITH NEW G.F.C.I. TYPE BREAKERS. NEW BREAKERS SHALL BE OF THE SAME MANUFACTURER AS EXISTING PANEL. PROPERLY UPDATE PANEL DIRECTORY, IF NECESSARY.

T. CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS FOR ALL EXISTING TO BE REMOVED HVAC EQUIPMENT. ALL ASSOCIATED ELECTRICAL SHALL BE REMOVED. ASSOCIATED BREAKERS SHALL BE IN THE "OFF" POSITION AND LABELED "SPARE", OR REMOVED TO MAKE ROOM FOR NEW BREAKERS.

U. ALL EXISTING/REMOVED WALL MOUNTED FIRE ALARM DEVICES SHALL HAVE OVERSIZE BLANK COVERPLATES INSTALLED. PAINT TO MATCH WALL.

V. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXISTING LIGHTING FIXTURES. FIXTURES SHALL HAVE BALLASTS AND LAMPS DISPOSED OF PROPERLY BY A CERTIFIED COMPANY APPROVED BY THE OWNER. ALL EXISTING WHIPS, HOUSINGS, AND LENSES SHALL BE DISPOSED OF PROPERLY.

W. ALL EXISTING INTERCOM CALL BUTTONS SHALL BE REMOVED ALONG WITH ASSOCIATED WIRING. INSTALL A NEW STAINLESS STEEL BLANK COVERPLATE.

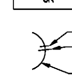
X. ALL EXISTING INTERCOM SPEAKERS SHALL BE REMOVED ALONG WITH ASSOCIATED WIRING.

Y. EXISTING FIRE ALARM SYSTEM, DEVICES, AND WIRING SHALL BE REMOVED AND DISPOSED OF PROPERLY. COORDINATE WITH OWNER ALL ITEMS TO BE RETURNED TO OWNER. ALL EXISTING PULL STATIONS SHALL BE REMOVED AND BLANK STAINLESS STEEL COVERPLATES INSTALLED. REFER TO E3.3 FOR LOCATION OF ONLY FIRE ALARM PULL STATION.

SYMBOL LEGEND

MOUNTING HEIGHT IS FROM FINISHED FLOOR TO CENTERLINE OF DEVICE OR OUTLET. HEIGHT MAY VARY TO COINCIDE WITH BUILDING CONSTRUCTION.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	DOWNLIGHT	
	LIGHT FIXTURE - WALL MOUNTED	AS NOTED
	2' X 4' LIGHT FIXTURE	
	2' X 4' LIGHT FIXTURE ON EMERGENCY CIRCUIT	
	1' X 4' LIGHT FIXTURE	
	1' X 4' LIGHT FIXTURE ON EMERGENCY CIRCUIT	
	EXIT SIGN - CEILING MOUNTED DARKENED SECTION(S) OF SYMBOLS INDICATE FACES OF FIXTURE	
	EXIT SIGN - WALL MOUNTED DARKENED SECTION(S) OF SYMBOLS INDICATE FACES OF FIXTURE	
	EXIT SIGN - CEILING MOUNTED DARKENED SECTION(S) OF SYMBOLS INDICATE FACES OF FIXTURE	
	EXIT SIGN - WALL MOUNTED DARKENED SECTION(S) OF SYMBOLS INDICATE FACES OF FIXTURE	
S^{K3}	KEY OPERATED THREE-WAY SWITCH	48"
S	S.P.S.T. LIGHT SWITCH	48"
	LOW VOLTAGE DUAL TECHNOLOGY 360 DEGREE CEILING MOUNTED OCCUPANCY SENSOR (HUBBELL * OMNI-DT-2000, BASIS OF DESIGN)	---
	POWER PACK INSTALLED ABOVE CEILING (HUBBELL * UVPP, BASIS OF DESIGN)	---
D	0-10 VOLT SLIDE DIMMER (INCLUDE POWER PACK IF LOAD EXCEEDS RATING OF DIMMER)	48"
S^3	THREE-WAY LIGHT SWITCH	48"
S^4	FOUR-WAY LIGHT SWITCH	48"
S^K	KEY OPERATED LIGHT SWITCH	48"
	SINGLE RECEPTACLE OUTLET	18"
	DUPLEX RECEPTACLE OUTLET	18"
	QUAD RECEPTACLE OUTLET	18"
	DUPLEX RECEPTACLE MOUNTED 6" ABOVE BACKSPLASH	---
	JUNCTION BOX W/COVERPLATE - ABOVE CEILING	---
	JUNCTION BOX W/COVERPLATE - WALL MOUNTED	---
	1"C. BELOW SLAB TO ACCOMMODATE DATA CABLES	---
	HUBBELL QUAD IG-5362	18"
	SPECIAL OUTLET (AS NOTED)	---
	PANELBOARD 480V	---
	PANELBOARD 240V	---
	DISCONNECT SWITCH - HORSEPOWER RATED	---
	MOTOR - FRACTIONAL HORSEPOWER	---
	MOTOR - NUMERAL INDICATES HORSEPOWER	---
	TELEPHONE OUTLET WITH 1"C. STUBBED INTO ACCESSIBLE PLENUM	18"
	DATA OUTLET WITH 1"C. STUBBED INTO ACCESSIBLE PLENUM	18"
	TELEVISION OUTLET WITH 1"C STUBBED INTO ACCESSIBLE PLENUM	---
	FIRE ALARM PULL STATION (GENERAL NOTE "F")	---
	FIRE ALARM HORN / STROBE (WALL MOUNTED) (GENERAL NOTE "G")	---
	FIRE ALARM SPEAKER / STROBE (WALL MOUNTED) (GENERAL NOTE "G")	---
	FIRE ALARM SPEAKER (WALL MOUNTED)(GENERAL NOTE "G")	---
	FIRE ALARM STROBE (CEILING MOUNTED)	---
	CEILING MOUNTED FIRE ALARM HORN / STROBE	---
	CEILING MOUNTED FIRE ALARM SPEAKER / STROBE	---
	SMOKE DETECTOR - CEILING MOUNTED OR SURFACE MOUNTED	---
	WEATHER PROOF HORN	---
	SMOKE DETECTOR - DUCT MOUNTED	---
	HEAT DETECTOR	---
	SPRINKLER FLOW SWITCH	---
	SPRINKLER TAMPER SWITCH	---
	DOOR HOLD DEVICE (WALL MOUNTED)	---
	DOOR HOLD DEVICE (FLOOR MOUNTED)	---
	PRESSURE SWITCH	---
	CONDUIT CONCEALED IN WALLS, ABOVE CEILING, OR EXPOSED WHERE NO CEILING	---
	CONDUIT CONCEALED IN SLAB, IN GROUND, OR UNDERFLOOR	---
W.P.	WEATHER PROOF	---
G	GROUND FAULT INTERUPT	---
U.N.O.	UNLESS NOTED OTHERWISE	---
NF	NON FUSED	---
SN	SOLID NEUTRAL	---



NOTE: GROUND CONDUCTOR IS NOT SHOWN, BUT IS ASSUMED, AND SHALL BE INSTALLED.

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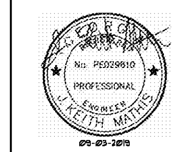

09-03-2019

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NO	DESCRIPTION	DATE

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MARIETTA CITY SCHOOLS

LEGEND, GENERAL NOTES, AND LIGHTING FIXTURE SCHEDULE

DATE 08/30/2019

PROJECT NO. 18122

E0.1

Dunleith Elem School - Renovations

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