

LIGHT FIXTURE SCHEDULE				
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	REFERENCE CATALOG #
A		2X4 FLAT PANEL FIXTURE. 38W, 4960 LUMENS, 3500K CCT, 80 CRI. 0-10V-10% DIMMING RANGE.	LITHONIA	ZBLT4 4BL ADP GZ1 LP835
AE		2X4 FLAT PANEL FIXTURE. 38W, 4960 LUMENS, 3500K CCT, 80 CRI. 0-10V-10% DIMMING RANGE. 10 EMG BATTERY - SELF-DIAGNOSTIC.	LITHONIA	ZBLT4 4BL ADP GZ1 LP835
C		6" LED DOWNLIGHT FIXTURE. 19W, 2011 LUMENS, 3500K CCT, 80 CRI. WET LISTED, 0-10V-1% DIMMING RANGE.	LITHONIA	LBR6 ALO2 SWW1 AR LSS WD MVOLT UGZ / LBR6PFSW
CE		6" LED DOWNLIGHT FIXTURE. 19W, 2011 LUMENS, 3500K CCT, 80 CRI. WET LISTED, 0-10V-1% DIMMING RANGE.	LITHONIA	LBR6 ALO2 SWW1 AR LSS WD MVOLT UGZ E10WCP/ LBR6PFSW
D		2" LED STRIP FIXTURE. 24W, 2742 LUMENS, 3500K CCT, 80CRI. 0-10V-10% DIMMING RANGE.	LITHONIA	ZL1D L24 2500LM FST MVLOT 35K 80 CRI WH
EX		LED EXIT SIGN, BRUSHED ALUMINUM FACE WITH RED LETTERS, UNIVERSAL FACE, EMG BATTERY.	LIFE SAFETY	LSXLPDC 1 R A EM
EX1		LED EXIT SIGN, BRUSHED ALUMINUM FACE WITH RED LETTERS, UNIVERSAL FACE, EMG BATTERY.	LIFE SAFETY	LSXLPDC 2 R A EM
F		2" LINEAR WALL FIXTURE. 2.5"W x 3.75"T/ DIRECT/ 1000LMF/ 9.3WFT/ 3500K CCT 80CRI. 0-10V-1% DIMMING RANGE.	MARK LTG	S2LWD LCB 2FT MSL2 80CRI 35K 1000LMF MINI MVOLT WHT ZT
LE		6" EXTERIOR LINEAR LED FIXTURE. 60W, 580 LUMENS/FT, 4000K CCT. MULLION MOUNTED, WET LOCATION LISTED. PROVIDE WITH 90 MIN BATTERY BACKUP.	ALIGHT	ALD2ST 6 ILS 40 U ASY M DARK BRONZE 1 D E Q
S		4" LENSED STRIP FIXTURE. 48W, 5456 LUMENS, 3500K CCT, 80CRI. 0-10V-10% DIMMING RANGE.	LITHONIA	ZL1D L48 5000LM FST MVOLT 35K 80CRI WH
SE		4" LENSED STRIP FIXTURE. 48W, 5456 LUMENS, 3500K CCT, 80CRI. 0-10V-10% DIMMING RANGE. 10W EMG BATTERY SELF-DIAGNOSTIC .	LITHONIA	ZL1D L48 5000LM FST MVOLT 35K 80CRI E10WLCP WH
W		EXTERIOR LED WALL PACK. 35W, 4412 LUMENS, 4000K CCT, 80CRI. WET LOCATION.	LITHONIA	WDGE2 LED P4 40K 80CRI VF MVOLT SRM E10WH DDBXD
W2		LED ARCHITECTURAL WALL PACK. 9W, 530 LUMENS, 4000K CCT, 80CRI. WET LOCATION RATED.	LITHONIA	OLLWD LED P1 40K MVOLT DDB
WE		EXTERIOR LED WALL PACK. 35W, 4412 LUMENS, 4000K CCT, 80CRI. 10W EMG BATTERY.	LITHONIA	WDGE2 LED P4 40K 80CRI VF MVOLT SRM E10WH DDBXD

GENERAL NOTES:
EQUIVALENT ALTERNATE LIGHT FIXTURES MAY BE PROVIDED FOR BIDDING PURPOSES. THE ENGINEER DOES NOT TAKE RESPONSIBILITY FOR ENSURING ALTERNATE LIGHT FIXTURES USED FOR BIDDING ARE EQUAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALTERNATE FIXTURES ARE EQUIVALENT TO THOSE SPECIFIED PRIOR TO BID. THE WINNING BID PACKAGE SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW IN ACCORDANCE WITH THE SPECIFICATIONS.

SWITCH LEGEND	
SYMBOL	DESCRIPTION
	20A, 120/277V SPST SWITCH
	20A, 120/277V LETTER INDICATES GROUP
	20A, 120/277V 3-WAY
	20A, 120/277V 4-WAY
	DIMMER SWITCH
	KEY OPERATED SWITCH
	OCCUPANCY SENSOR SWITCH

GENERAL NOTE:
SEE SPECIFICATIONS FOR MANUFACTURERS

OCC SENSOR SCHEDULE	
SYMBOL	DESCRIPTION
	MULTI-TECHNOLOGY, CEILING MOUNTED OCCUPANCY SENSOR CAPABLE OF DISABLING AUTO ADAPTING FEATURE. PROVIDE WITH RELAY/POWER PACKS AS REQUIRED PER PLAN. (LOW VOLTAGE)

- GENERAL NOTES:
- E.C. SHALL CONTACT ARCHITECT FOR COLOR SELECTION PRIOR TO ORDER OF ANY SENSOR.
 - FOR CEILING SPACES 14 FT. A.F.F. PIR TYPE CEILING MOUNTED SENSORS SHALL BE USED.
 - WALL MOUNTED DEVICES TO MATCH MANUAL LIGHTING CONTROL.

RECEPTACLE SCHEDULE	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE
	20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE
	RECEPTACLE MTD. 6" ABOVE COUNTER OR HGT SHOWN
	DUPLEX RECEPTACLE, CEILING MOUNTED
	GFCI RECEPTACLE
	GFCI RECEPTACLE, MTD. 6" ABOVE COUNTER OR HGT SHOWN
	20A, 120V, 2P, 3W GROUNDING DUPLEX GFCI RECEPTACLE - WEATHER PROOF (IN USE COVER)
	JUNCTION BOX, AS NOTED
	QUADPLEX RECEPTACLE

GENERAL NOTE:
SEE SPECIFICATIONS FOR MANUFACTURERS

ELECTRICAL ABBREVIATIONS			
AC	ABOVE COUNTERTOP	MC	MECHANICAL CONTRACTOR
AFF	ABOVE FINISH FLOOR	MCA	MINIMUM CIRCUIT AMPS
AFG	ABOVE FINISH GRADE	MDP	MAIN DISTRIBUTION PANEL
ANNC	ANNUNCIATOR	MTD	MOUNTED
CC	CONTROLS CONTRACTOR	NIC	NOT IN CONTRACT
DF	DRINKING FOUNTAIN	OCC	OCCUPANCY
EC	ELECTRICAL CONTRACTOR	PC	PLUMBING CONTRACTOR
EF	EXHAUST FAN	PNL	PANEL
EX	EXISTING	SPST	SINGLE POLE SINGLE THROW
EXR	EXISTING RELOCATED	TTB	TELEPHONE TERMINAL BOARD
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPT	WG	WIRE GUARD
HP	HORSEPOWER	WP	WEATHER PROOF
IBC	INTERNATIONAL BUILDING CODE	20A	20 AMP
IG	ISOLATED GROUND	Ø	PHASE
LV	LOW VOLTAGE	3W	3 WIRE
LVRP	LV RELAY PANEL	1P20A	SINGLE POLE 20 AMP

ELECTRICAL LEGEND	
	PANEL BOARD
	DISTRIBUTION PANEL BOARD
	TRANSFORMER
	UTILITY METER
	SEPARATE CIRCUIT BREAKER
	DISCONNECT
	FUSED DISCONNECT SWITCH
	EMERGENCY FUSED DISCONNECT SWITCH
	MOTOR STARTER/CONTRACTOR
	COMBINATION MOTOR STARTER
	PUSH BUTTON STATION AS NOTED
	PULL BOX, SIZE AS REQUIRED BY CODE
	ELECTRICAL CONNECTION
	MOTOR CONNECTION
	HOME RUN TO PANEL BOARD

GENERAL ELECTRICAL NOTES	
1.	CONTRACTOR TO VERIFY EXISTING ELECTRICAL CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY ELECTRICAL OR CODE ISSUES PRIOR TO BID. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL CODE COMPLIANT SYSTEM.
2.	ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
3.	ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS & LOCAL UTILITY. E.C. SHALL CONTACT LOCAL UTILITY FOR EXACT SERVICE REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO TRANSFORMER, METERING AND CABLING. LOCAL UTILITY REQUIREMENTS SUPERSEDE DRAWINGS AND SPECIFICATIONS.
4.	SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5.	WHERE NEW OR EXISTING WIRING FOR INTERIOR DATA OR POWER WILL BE EXPOSED, SURFACE MOUNTED RACEWAY EQUAL TO WIREMOLD SERIES 5400 SHALL BE USED. SURFACE BOXES SHALL MATCH SURFACE RACEWAY. ALL PARTS AND ACCESSORIES SHALL BE INSTALLED FOR A COMPLETE SYSTEM. WHERE BOTH DATA AND POWER WIRING SHARE THE SAME RACEWAY, POWER WIRING SHALL BE SEPARATED FROM DATA WIRING AS PER NEC.
6.	ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
7.	INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
8.	UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
9.	ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
10.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT. AT LEAST ONE 120 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID. USAGE CHARGES SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.

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BOARD OF EDUCATION
MOORE, OKLAHOMA



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HIGHLAND WEST
JUNIOR HIGH SCHOOL

sheet no:

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