

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

three eighths inch = one foot

one eighth inch = one foot

A

B

C

D

E

F

LUMINAIRE SCHEDULE									
SR. NO	EXISTING FIXTURE DESCRIPTION	NEW FIXTURE DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS TYPE	FIXTURE		MOUNTING	PHASE 1 QUANTITY
						INPUT WATTS	VOLTS		
1	2 LAMPS 2x2 FLUORESCENT TROFFER	2x2 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL2 33L EZ1 LP835 N100	LED-3500K-3300 LUMENS	34	MVOLT	GRID	1
2	2 LAMPS 2x2 FLUORESCENT	2x2 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL2 40L EZ1 LP835 N100	LED-3500K-4000 LUMENS	42	MVOLT	GRID	1
3	4 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 30L EOHN LP835	LED-3500K-4000 LUMENS	31	MVOLT	GRID	3
4	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 30L EZ1 LP835	LED-3500K-3000 LUMENS	31	MVOLT	GRID	3
5	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 30L EZ1 LP835 N100	LED-3500K-3000 LUMENS	31	MVOLT	GRID	167
6	4 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 40L EOHN LP835	LED-3500K-4000 LUMENS	40	MVOLT	GRID	3
7	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 40L EZ1 LP835 N100	LED-3500K-4000 LUMENS	40	MVOLT	GRID	122
8	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 40L EZ1 LP835	LED-3500K-4000 LUMENS	40	MVOLT	GRID	2
9	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 48L EZ1 LP835 N100	LED-3500K-4800 LUMENS	46	MVOLT	GRID	49
10	3 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 60L EZ1 LP835 N100	LED-3500K-6000 LUMENS	52	MVOLT	GRID	40
11	4 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	2FSL4 72L EZ1 LP835 N100	LED-3500K-7200 LUMENS	70	MVOLT	GRID	7
12	2 LAMPS 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR UTILITY AREA	COOPER LIGHTING OR APPROVED EQUAL	4SNLED-LD4-46SL-LN-UNV-L835-CD1-U	LED-3500K-4600 LUMENS	41	UNV	SURFACE	5
13	2 LAMPS 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR STORAGE/UTILITY AREA	COOPER LIGHTING OR APPROVED EQUAL	4SNLED-LD4-46SL-LN-UNV-L835-CD1-U-SCA	LED-3500K-4600 LUMENS	41	UNV	SUSPENDED	39
14	2 LAMPS 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR STORAGE AREA	COOPER LIGHTING OR APPROVED EQUAL	4SNLED-LD4-60SL-LN-UNV-L835-CD1-U	LED-3500K-6000 LUMENS	51	UNV	SURFACE	21
15	2 LAMPS 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR UTILITY AREA	H. E. WILLIAMS OR APPROVED EQUAL	80-4-L63/840-DRV-UNV	LED-3500K-6300 LUMENS	52	UNV	SUSPENDED	53
16	1 LAMPS 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR UTILITY AREA	H. E. WILLIAMS OR APPROVED EQUAL	80-4-L63/840-DRV-UNV	LED-3500K-6300 LUMENS	52	UNV	SUSPENDED	1
17	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT1-14-L20/835-D-LDE1-BD-UNV	LED-3500K-2000 LUMENS	20	UNV	GRID	4
18	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT1-14-L30/835-D-LDE1-BD-UNV	LED-3500K-3000 LUMENS	28	UNV	GRID	3
19	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH ECOSYSTEM DRIVER	H. E. WILLIAMS OR APPROVED EQUAL	AT1-14-L40/835-D-LDE1-BD-UNV	LED-3500K-4000 LUMENS	39	UNV	GRID	5
20	2 LAMPS 2x2 FLUORESCENT TROFFER	2x2 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT2-22-L40/835-D-LDE1-BD-UNV	LED-3500K-4000 LUMENS	44	UNV	GRID	7
21	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT2-24-L30/835-D-LDE1-BD-UNV	LED-3500K-3000 LUMENS	31	UNV	GRID	153
22	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT2-24-L40/835-D-DRV-BD-UNV	LED-3500K-4000 LUMENS	42	UNV	GRID	6
23	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT2-24-L40/835-D-LDE1-BD-UNV	LED-3500K-4000 LUMENS	42	UNV	GRID	117
24	2 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	AT2-24-L55/835-D-LDE1-BD-UNV	LED-3500K-5500 LUMENS	59	UNV	GRID	13
25	2 LAMPS 1x4 FLUORESCENT	1x4 LED WITH ECOSYSTEM DRIVER	H. E. WILLIAMS OR APPROVED EQUAL	ATS1-14-L20/835-D-LDE1-BD-UNV	LED-3500K-2000 LUMENS	20	UNV	SURFACE	7
26	2 LAMPS 1x4 FLUORESCENT	1x4 LED WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	ATS1-14-L30/835-D-LDE1-BD-UNV	LED-3500K-3000 LUMENS	28	UNV	SURFACE	5
27	EXISTING FLUORESCENT FIXTURES WITH T8 TUBES	WALL DIRECT/INDIRECT LED LOBBY FIXTURE	AXIS LIGHTING OR APPROVED EQUAL	BBDLED-320-200-80-35-SO-S#-W-UNV-DP-1-OS#	LED-3500K-600/400LM/FT LUMENS	8.87W/FT	UNV	SUSPENDED	95 FT
28	EXISTING FLUORESCENT FIXTURES WITH T8 TUBES	WALL DIRECT/INDIRECT LED LOBBY FIXTURE	AXIS LIGHTING OR APPROVED EQUAL	BBWDLLED-320-200-80-35-SO-S#-W-UNV-DP-1-OS#	LED-3500K-600/400LM/FT LUMENS	8.87W/FT	UNV	WALL	420 FT
29	INCANDESCENT LAMP	LED BULB	FEIT ELECTRIC OR APPROVED EQUAL	BPA19HEX1100/827/LED	LED-2700K-1100 LUMENS	22	UNV	NA	4
30	2 LAMPS 1x4 FLUORESCENT	LED SEALED AND WET LOCATION	PARAMOUNT LIGHTING OR APPROVED EQUAL	C6-2-L-4-3-D3-120-277V	LED-3500K-4800 LUMENS	80	120-277	SURFACE	11
31	1 LAMP 1x4 FLUORESCENT	LED STRIPLIGHT SUITABLE FOR UTILITY AREA	LITHONIA OR APPROVED EQUAL	CDS L48 MVOLT 35K 80CRI WH	LED-3500K-4146 LUMENS	38	MVOLT	NA	3
32	EXISTING FLUORESCENT FIXTURES WITH T8 TUBES	LED STRIP CHANNEL LIGHT FIXTURE	LITHONIA OR APPROVED EQUAL	CDS L48 MVOLT DM 35K 80CRI WH	LED-3500K-4146 LUMENS	38	MVOLT	NA	32
33	6" DOWN LIGHT	LED CAN LIGHT WITH nLIGHT ENABLED LED FIXTURES	GOTHAM OR APPROVED EQUAL	EVO 35/10 6AR MWD LSS MVOLT EZ1	LED-3500K-1000 LUMENS	12	MVOLT	GRID	1
34	6" DOWN LIGHT	LED CAN LIGHT	GOTHAM OR APPROVED EQUAL	EVO 35/20 6AR MWD LSS 120 ECOS2	LED-3500K-2000 LUMENS	23	120	GRID	5
35	6" DOWN LIGHT	LED CAN LIGHT WITH nLIGHT ENABLED LED FIXTURE	GOTHAM OR APPROVED EQUAL	EVO 35/30 6AR MWD LSS MVOLT EZ1	LED-3500K-3000 LUMENS	37	MVOLT	GRID	2
36	6" DOWN LIGHT	LED VANDAL RESISTANT DOWN LIGHT	COOPER LIGHTING OR APPROVED EQUAL	FFLD8A-15-D010TE-FERM6A-15-9-35-FVB16	LED-3500K-1500 LUMENS	23	120-277	GRID	10
37	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED FAIL SAFE TAMPER-RESISTANT	COOPER LIGHTING OR APPROVED EQUAL	FMR-D-12-4-LD4-1STD-40-UNV-82/86-EDC	LED-4000K-2650 LUMENS	41	UNV	GRID	11
38	3 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED FAIL SAFE TAMPER-RESISTANT	COOPER LIGHTING OR APPROVED EQUAL	FMR-D-12-4-LD4-2LO-40-UNV-82/86-EDC	LED-4000K-3975 LUMENS	61	UNV	GRID	3
39	3 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED FAIL SAFE TAMPER-RESISTANT	COOPER LIGHTING OR APPROVED EQUAL	FMR-D-24-4-LD4-3LO-40-UNV-82/86-EDC	LED-4000K-6000 LUMENS	92	UNV	GRID	14
40	2 LAMPS 1x4 FLUORESCENT TROFFER	LED HALFSNAP STRIP LIGHT FIXTURE	PRUDENTIAL OR APPROVED EQUAL	HSR LED35 MO 4 SAL YGW SC UNV CA48" X3 ND 205"	LED-4000K-2500 LUMENS	22	UNV	SUSPENDED	17
41	3 LAMPS 2x4 FLUORESCENT TROFFER	2x4 LED HEALTHCARE LIGHTING OR SURGICAL SUITE	ACUTYBRANDS OR APPROVED EQUAL	HSTLED24-G-277-LED40-1C-GW	LED-4000K-17320 LUMENS	188	277	GRID	14
42	4 LAMPS 2x4 FLUORESCENT TROFFER	LED HIGH BAY LIGHT	LITHONIA OR APPROVED EQUAL	IBH 1200LM SD080 ND MVOLT OZ10 35K 80CRI WH	LED-3500K-12000 LUMENS	109	MVOLT	NA	4
43	6" DOWN LIGHT	LED CAN LIGHT WITH ECOSYSTEM DRIVER	H. E. WILLIAMS OR APPROVED EQUAL	L60-L15C/835-WH/W-LDE1-120	LED-3500K-1300 LUMENS	19	120	GRID	18
44	6" DOWN LIGHT	LED CAN LIGHT WITH ECOSYSTEM DRIVER	H. E. WILLIAMS OR APPROVED EQUAL	L60-L20C/835-WH/W-LDE1-120	LED-3500K-1700 LUMENS	26	120	GRID	3
45	6" DOWN LIGHT	LED VANDAL RESISTANT DOWN LIGHT	H.E.WILLAMS OR APPROVED EQUAL	L60-L30C/835-WH/W-DIM-120	LED-3500K-2500 LUMENS	36	120	GRID	2
46	6" DOWN LIGHT	LED CAN LIGHT WITH ECOSYSTEM DRIVER	H.E.WILLAMS OR APPROVED EQUAL	L60-L30C/835-WH/W-LDE1-120	LED-3500K-2500 LUMENS	36	120	GRID	4
47	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 20L ADP EZ1 LP835 N100	LED-3500K-2000 LUMENS	19	MVOLT	GRID	3
48	1 LAMP 1x4 FLUORESCENT	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 30L ADP EZ1 LP835	LED-3500K-3000 LUMENS	29	MVOLT	GRID	2
49	1 LAMP 1x4 FLUORESCENT	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 30L ADP EZ1 LP835 N100	LED-3500K-3000 LUMENS	29	MVOLT	GRID	17
50	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 40L ADP EZ1 LP835 N100	LED-3500K-4000 LUMENS	41	MVOLT	GRID	7
51	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 48L ADP EZ1 LP835 N100	LED-3500K-4800 LUMENS	47	MVOLT	GRID	2
52	2 LAMPS 1x4 FLUORESCENT TROFFER	1x4 LED WITH nLIGHT ENABLED LED FIXTURES	LITHONIA OR APPROVED EQUAL	VTL4 60L ADP EZ1 LP835 N100	LED-3500K-6000 LUMENS	55	MVOLT	GRID	4
53	1 LAMP 1x2 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL2 18L MVOLT EZ1 LP835 N100 NES7	LED-3500K-1800 LUMENS	17	MVOLT	WALL	5
54	1 LAMP 1x2 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL2 08L MVOLT EZ1 LP835 N100 NES7	LED-3500K-800 LUMENS	7	MVOLT	WALL	1
55	2 LAMPS 6x4 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 20L MVOLT EZ1 LP835 N100 NES7	LED-3500K-2000 LUMENS	19	MVOLT	WALL	5
56	1 LAMPS 6x4 FLUORESCENT WALL MOUNTED	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 20L MVOLT EZ1 LP835 N100 NES7	LED-3500K-2000 LUMENS	19	MVOLT	WALL	4
57	2 LAMPS 1x4 FLUORESCENT TROFFER	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 20L MVOLT EZ1 LP835 N100	LED-3500K-2000 LUMENS	19	MVOLT	WALL	3
58	2 LAMPS 1x4 FLUORESCENT TROFFER	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 30 LMVOLT EZ1 LP835	LED-3500K-3000 LUMENS	28	MVOLT	NA	1
59	2 LAMPS 1x4 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 30L MVOLT EZ1 LP835 N100 NES7	LED-3500K-3000 LUMENS	28	MVOLT	WALL	8
60	1 LAMP 1x4 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 30L MVOLT EZ1 LP835 N100 NES7	LED-3500K-3000 LUMENS	28	MVOLT	WALL	4
61	2 LAMPS 1x4 FLUORESCENT TROFFER	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 30L MVOLT EZ1 LP835 N100	LED-3500K-3000 LUMENS	28	MVOLT	WALL	3
62	2 LAMPS 1x4 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL4 40L MVOLT EZ1 LP835 N100 NES7	LED-3500K-4000 LUMENS	40	MVOLT	WALL	6
63	2 LAMPS 6x4 FLUORESCENT	WALL MOUNTED LED	LITHONIA OR APPROVED EQUAL	WL430LMVOLT EZ LP835N100NES7DIM10	LED-3500K-3000 LUMENS	28	MVOLT	WALL	60

GENERAL NOTES

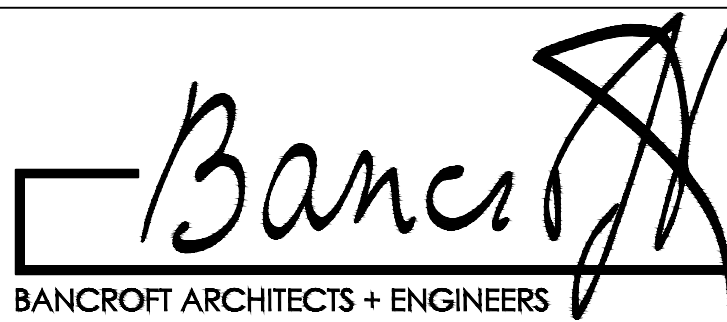
- nLIGHT ENABLED LIGHTING AND CONTROL DESIGN IS BASED ON LITHONIA nLIGHT ENABLED DIGITAL LUMINAIRE AND ACUTY BRAND nLIGHT ENABLED CONTROL DEVICES. EQUAL SHALL BE SUBMITTED AND APPROVED BEFORE BID APPROVAL.
- ECOSYSTEM LIGHTING AND CONTROL DESIGN IS BASED ON QS LINK COMPATIBLE H. E. WILLIAM LUMINARIES WITH ECOSYSTEM DRIVERS AND LUTRON CONTROL DEVICES. EQUAL SHALL BE SUBMITTED AND APPROVED BEFORE BID APPROVAL.
- CATALOG NUMBER SHOWN HERE ARE AS PER MANUFACTURES CUT SHEETS. VERIFY AND COORDINATE REQUIRE TRIM KITS, MOUNTING BRACKETS, MOUNTING SUPPORT,LAMPS FINISHES, ETC. WITH CONTRACT DOCUMENTS, SPECIFICATION AND AS NECESSARY TO COMPLETE RETROFIT INSTALLATION.
- LAMPS FOR ALL FIXTURES SHALL HAVE SAME COLOR TEMPERATURE PER SPECIFICATIONS.
- QUANTITY OF FIXTURES SHOWN HERE IS BASED ON SPACES AVAILABLE AT THE TIME OF FIELD SURVEY.
- QUANTITY OF CONTROL DEVICES SHOWN HERE IS BASED ON SPACES AVAILABLE AT THE TIME OF FIELD SURVEY.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND QUANTITY OF EXISTING SWITCHES IN THE CORRIDORS AND REPLACE WITH PX-3BRL PICO SWITCHES.
- FOR CONTROL DEVICES COLOR FINISH, CONTRACTOR SHALL CONSULT COR FOR SITE SPECIFIC REQUIREMENT BEFORE PURCHASING.
- CONTRACTOR SHALL PROVIDE STAINLESS STEEL WALL PLATE FOR ALL WALL MOUNTED CONTROL DEVICES.
- CONTRACTOR SHALL REFER TO DRAWING E-501 FOR STAIRWELL MOUNTING DETAILS AND PROVIDE ALL THE NECESSARY FIXTURE SUPPORTS.

2 LIGHT CONTROL SCHEDULE

CONTROL DEVICE SCHEDULE						
SR. NO.	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	PHASE 1 QTY	REMARKS	LEGEND SYMBOL
1	DUAL TECHNOLOGY CEILING MOUNT SENSOR	LUTRON	LOS-CDT-2000	75		↔↔
2	DUAL TECHNOLOGY CEILING MOUNT SENSOR	LUTRON	LOS-CDT-1000	5		⊗→
3	PICO WIRED CONTROL WALL UNIT	LUTRON	PX-3BRL-GWH-01	50	NOTE 6, 7, 10	□
4	NPODM SERIES LOW VOLTAGE DIMMER WAL UNIT	SENSOR SWITCH	nPODM DX WH	60	NOTE 6, 10	◆
5	LOW VOLTAGE WALL MOUNTED OCCUPANCY SENSOR DIMMER UNIT	SENSOR SWITCH	nWSX PDT LV DX WH	135	NOTE 6, 10	◆
6	ENERGI SAVR NODE WITH ECOSYSTEM	LUTRON	QSN-2ECO-S	7		⊠
7	QS SENSOR MODEL	LUTRON	QSM2-4W-C	35		▮
8	ENERGI SAVR NODE PROGRAMMING INTERFACE	LUTRON	QSE-CI-AP-D	1		▮
9	ENERGI SAVR NODE WIRELESS SETUP KIT	LUTRON	C-ESN-SETUP	1		⊠

1 LIGHT FIXTURE SCHEDULE

ARCHITECT + ENGINEERS:



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Drawing Title  
LIGHT FIXTURE AND CONTROL DEVICES  
CHEDULE

Approved: Project Director

Project Title  
Grand Junction VAMC  
Campus Lighting Upgrades

Location  
GRAND JUNCTION, CO

Date  
05/05/2017

Checked  
PTP

Drawn  
FP, YY

Project Number  
575-14-106  
Building Number  
1  
Drawing Number  
E-005

Office of  
Construction  
and Facilities  
Management



CONTRACT NO. VA259-14-C-0010

ISSUED FOR CONSTRUCTION  
Revisions  
05/05/2017  
Date