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Lee's Summit **High School**

400 SE Blue Pkwy Lee's Summit, MO 64063

Lee's Summit R-7 School District 123 Anystreet Lee's Summit, MO 64086

Gould Evans 4200 Pennsylvania Avenue Kansas City, MO 64111 816.931.6655 voice www.gouldevans.com structural engineer: Bob D. Campbell & Company, Inc 4338 Belleview Kansas City, MO 64111

civil engineer: Kaw Valley Engineering 14700 West 114th Terrace Lenexa, KS 66215 913.485.0318

816.531.4144

architect:

mechanical/electrical engineer Henderson Engineers 8345 Lenexa Drive, Suite 300 Lenexa, KS 66214 913.742.5000

DOUGLAS M. EVERHART PE-2019007648 24(AL

> Dec 28 2020 DOUGLAS M. EVERHART LICENSE # PE-2019007648 MO. CORPORATE NO: E-556D EXPIRES 12/31/2021

> > REVISIONS DESCRIPTION

PROJECT NO:

47. REFER TO FIRE ALARM, TECHNOLOGY, AV AND SECURITY DRAWINGS FOR ADDITIONAL ROUGH-IN AND POWER

48. ALL FLOOR BOXES SHALL BE PROVIDED WITH AT MINIMUM A DUPLEX RECEPTACLE U.N.O ON THE DRAWINGS OR

264113 FOR INFORMATION ON LIGHTNING PROTECTION SYSTEM AND INSTALLATION REQUIREMENTS.

50. CONFIRM ALL RECEPTACLE LOCATIONS FOR TV, PROJECTOR, AND GENERAL PURPOSE POWER WITH FINAL FURNITURE AND ROOM LAYOUT. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ROUGH-IN.

51. ALL LIGHTING CONTROL WALL STATIONS (I.E. SWITCHES) ARE TO BE LABELED WITH MANUFACTURER-PROVIDED ENGRAVING AS DESCRIBED ON DRAWINGS UNLESS NOTED OTHERWISE. REFER TO LIGHTING CONTROL

49. PROVIDE A LIGHTNING PROTECTION SYSTEM FOR THE MAIN SCHOOL BUILDING. REFER TO SPECIFICATION SECTION

REQUIREMENTS NOT SHOWN ON THE ELECTRICAL DRAWINGS.

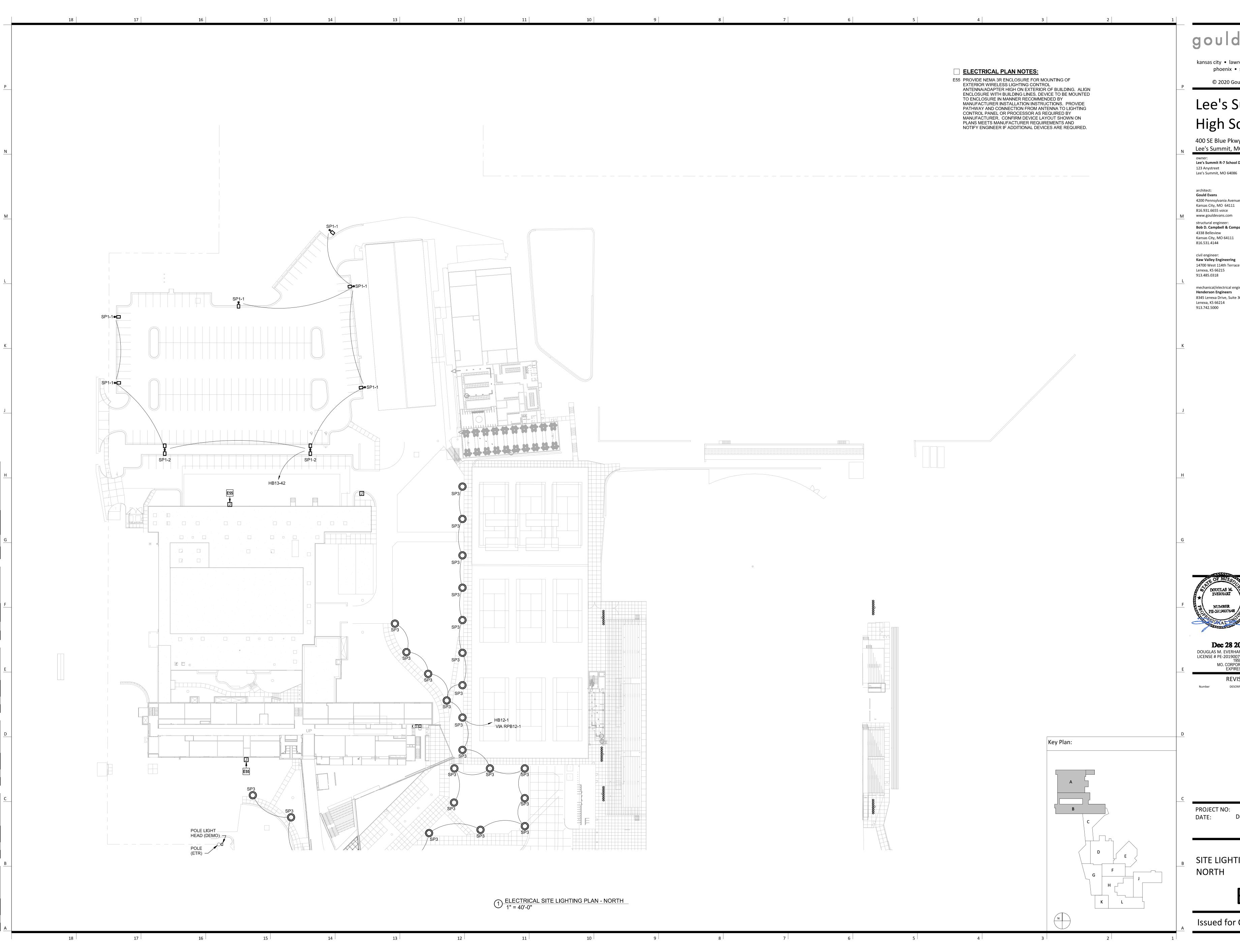
ELEVATIONS, SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.

SPECIFICATIONS.

0119-0100 December 29, 2020

Package 2

ELECTRICAL GENERAL NOTES AND LEGEND



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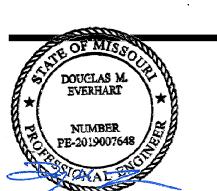
400 SE Blue Pkwy Lee's Summit, MO 64063

Lee's Summit R-7 School District 123 Anystreet

Gould Evans 4200 Pennsylvania Avenue Kansas City, MO 64111 816.931.6655 voice www.gouldevans.com structural engineer: Bob D. Campbell & Company, Inc. 4338 Belleview Kansas City, MO 64111

civil engineer: Kaw Valley Engineering 14700 West 114th Terrace Lenexa, KS 66215

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DOUGLAS M. EVERHART LICENSE # PE-2019007648 MO. CORPORATE NO: E-556D EXPIRES 12/31/2021

REVISIONS

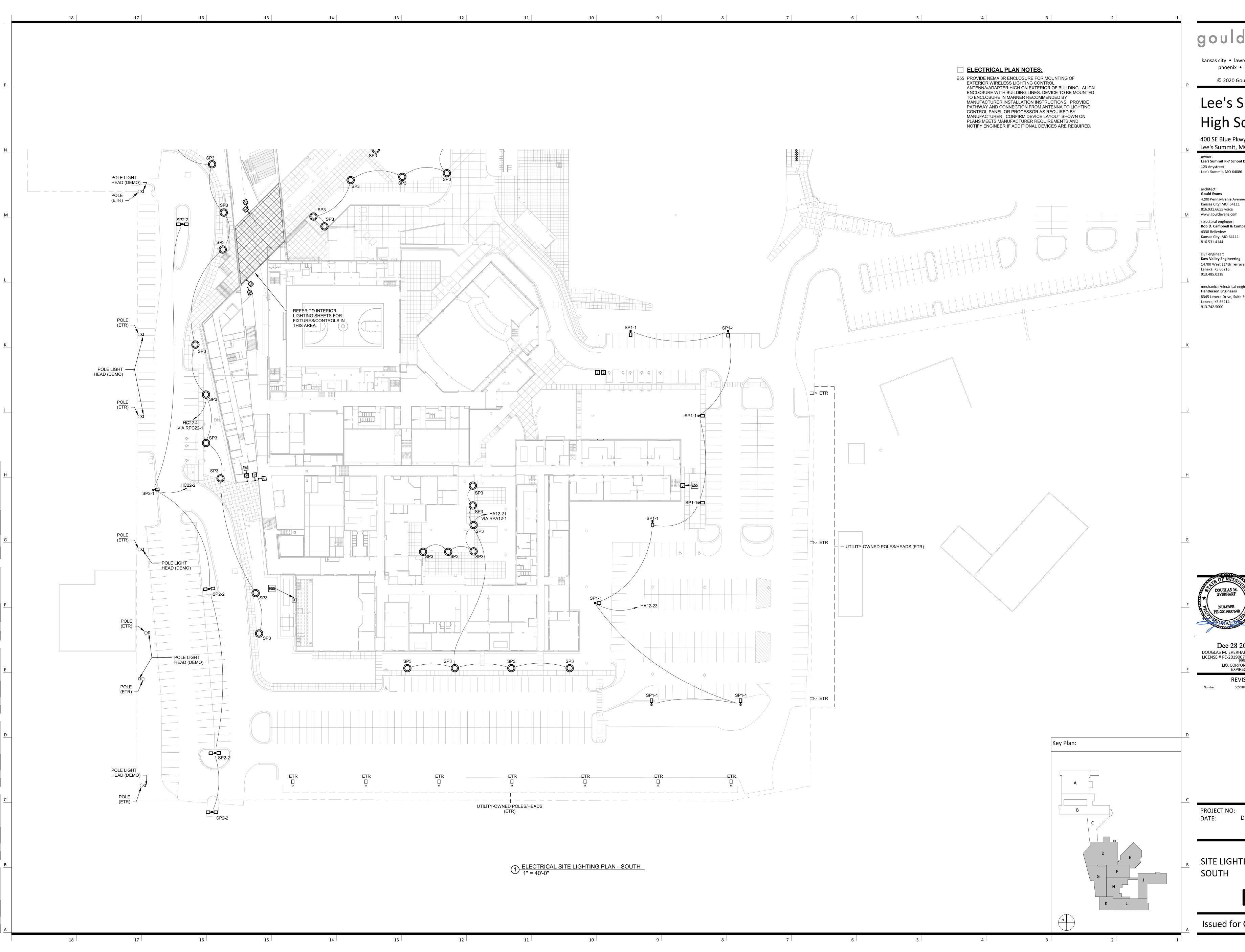
PROJECT NO:

December 29, 2020

Package 2

SITE LIGHTING PLAN NORTH

E003



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Lee's Summit **High School**

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Lee's Summit R-7 School District

4200 Pennsylvania Avenue Kansas City, MO 64111 816.931.6655 voice www.gouldevans.com structural engineer: Bob D. Campbell & Company, Inc. Kansas City, MO 64111

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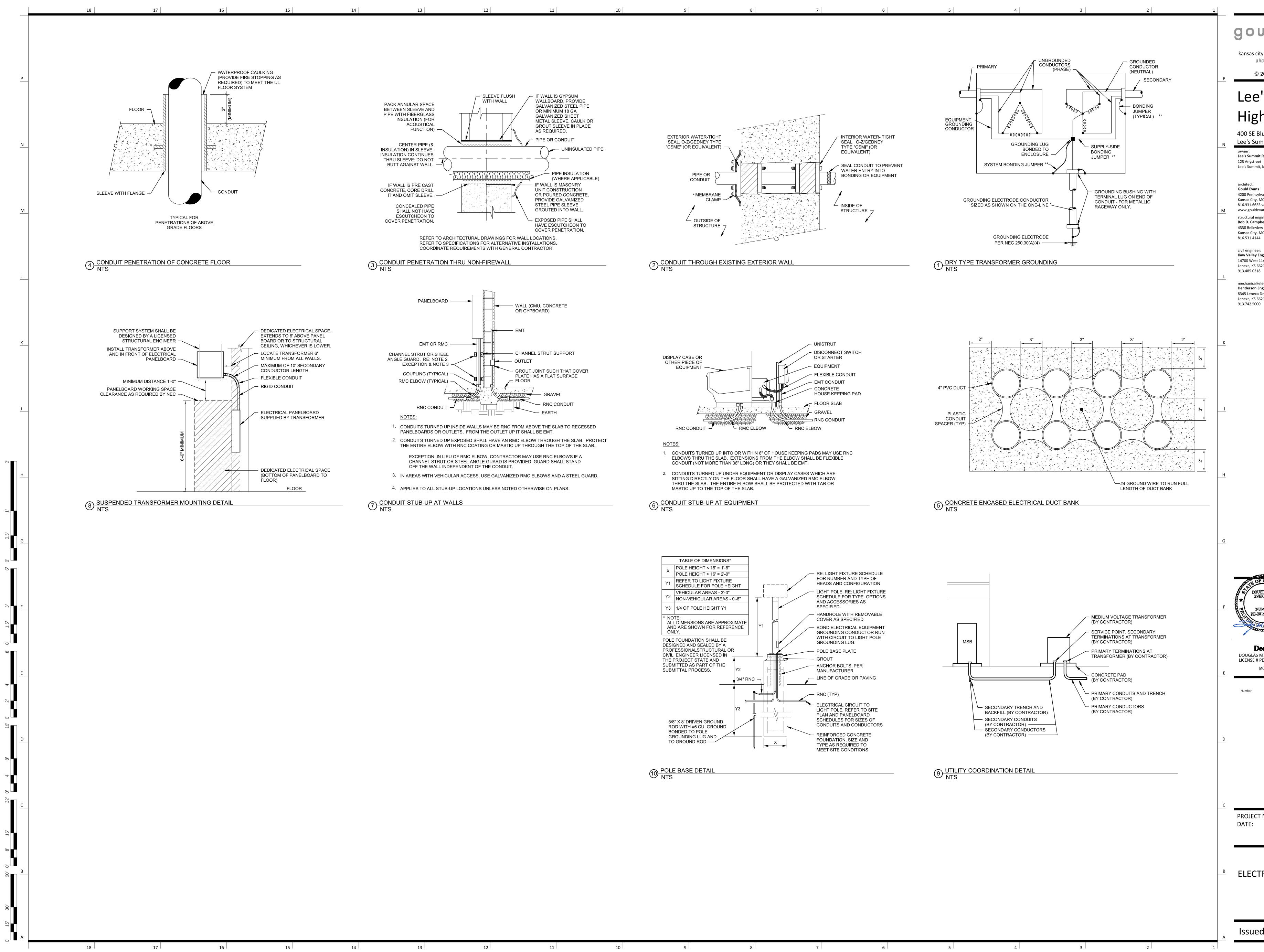
REVISIONS

PROJECT NO: December 29, 2020

Package 2

SITE LIGHTING PLAN

E004



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Lee's Summit High School

400 SE Blue Pkwy Lee's Summit, MO 64063

Lee's Summit R-7 School District 123 Anystreet

Lee's Summit, MO 64086

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913.742.5000

PE-2019007648

Dec 28 2020 DOUGLAS M. EVERHART LICENSE # PE-2019007648 19500041

MO. CORPORATE NO: E-556D EXPIRES 12/31/2021

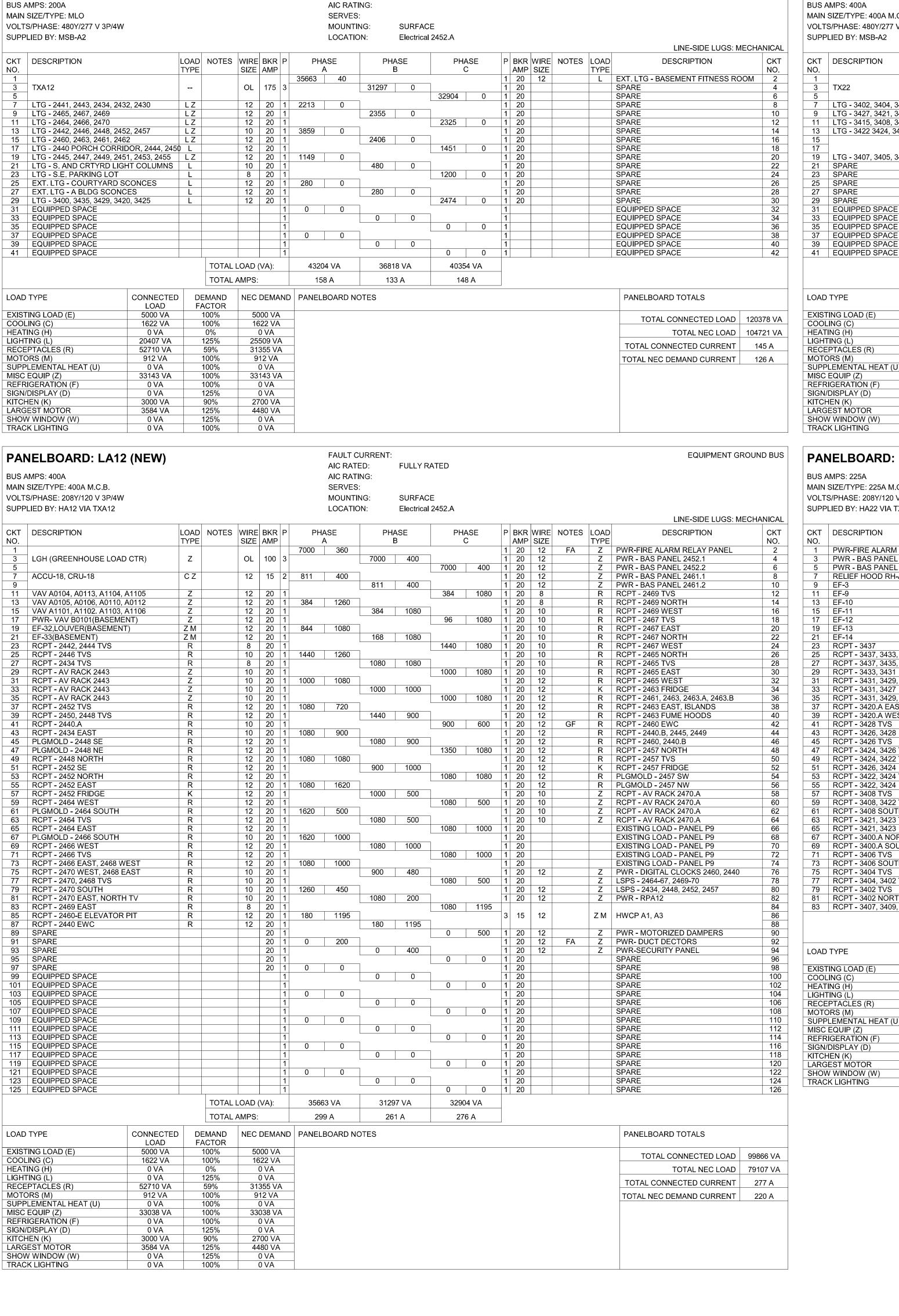
REVISIONS

PROJECT NO: December 29, 2020

Package 2

ELECTRICAL DETAILS

E500



FAULT CURRENT:

FULLY RATED

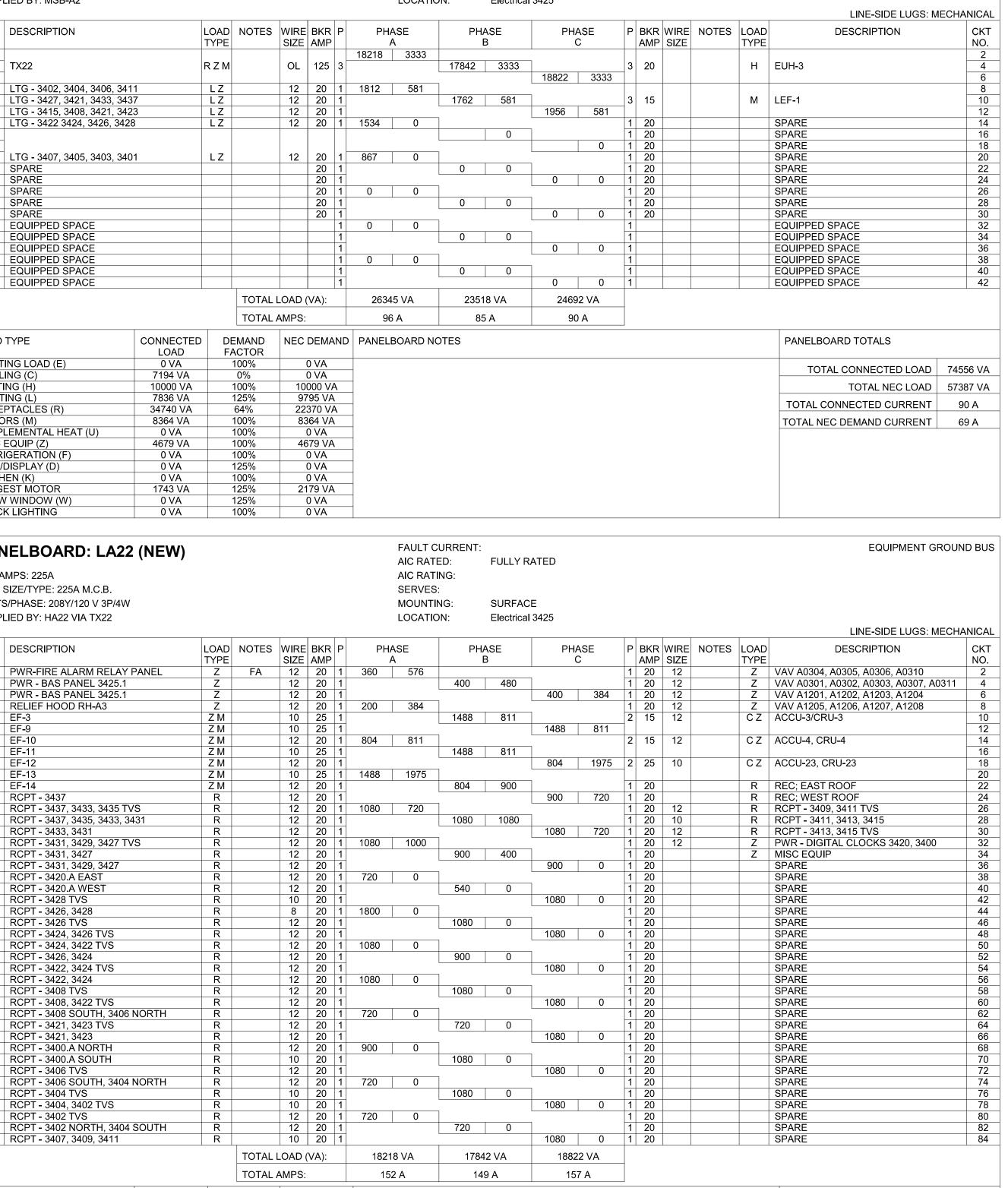
AIC RATED:

PANELBOARD: HA12 (NEW)

12

EQUIPMENT GROUND BUS

BUS AI MAIN S OLTS	MPS: 400A MPS: 400A SIZE/TYPE: 400A M.C.B. S/PHASE: 480Y/277 V 3P/4W LIED BY: MSB-A2	(NEW)							FAULT C AIC RAT AIC RAT SERVES MOUNTI LOCATIO	ED: ING: S: ING:	FULLY R SURFAC Electrical	E				EQUIPMENT G LINE-SIDE LUGS: N	
KT IO.	DESCRIPTION		DAD NO		WIRE SIZE			PHA A	١		PHASE B	PHASE C	Р	BKR WIRE N AMP SIZE	OTES LOA		Cł N0
1 3 5	TX22	R	Z M		OL	125		18218	3333	1784	2 3333	18822 3333	3	20	н	EUH-3	
7 9	LTG - 3402, 3404, 3406, 3411 LTG - 3427, 3421, 3433, 3437	' l	L Z		12 12	20		1812	581	176	2 581		3	15	М	LEF-1	1
	LTG - 3415, 3408, 3421, 3423 LTG - 3422 3424, 3426, 3428		L Z L Z		12 12	20 20	1	1534	0		0	1956 581	1	20 20		SPARE SPARE	1 1 1
17 19	LTG - 3407, 3405, 3403, 3401	1	LZ		12	20	1	867	0			0	1	20 20		SPARE SPARE	1 2
23	SPARE SPARE SPARE					20 20 20	1	0	0	0	0	0 0	1 1	20		SPARE SPARE SPARE	2 2 2
27	SPARE SPARE SPARE					20 20 20		0	0	0	0	0 0	1 1	20		SPARE SPARE SPARE	2
31 33	EQUIPPED SPACE EQUIPPED SPACE						1	0	0	0	0		1			EQUIPPED SPACE EQUIPPED SPACE	3
37 39	EQUIPPED SPACE EQUIPPED SPACE EQUIPPED SPACE EQUIPPED SPACE						1 1 1	0	0	0	0	0 0	1 1 1			EQUIPPED SPACE EQUIPPED SPACE EQUIPPED SPACE EQUIPPED SPACE	3 3 4
<u> </u>	EQUITED OF AGE			OTAL L	•	VA):		26345 96		2	23518 VA 85 A	24692 VA 90 A			l	LAGII I ED GI AGE	
OAD ⁻	TYPE	CONNECTED LOAD	DEMA FACT	AND		DEMA	ND	PANELB	BOARD N	OTES						PANELBOARD TOTALS	
	ING LOAD (E)	0 VA	100	1%) VA										TOTAL CONNECTED LOAD	74556 \
	ING (C) NG (H)	7194 VA 10000 VA	0% 100) VA)00 VA	$\overline{}$									TOTAL NEC LOAD	57387 V
	ING (L)	7836 VA	125			95 VA										TOTAL CONNECTED CURRENT	90 A
	PTACLES (R) RS (M)	34740 VA 8364 VA	64% 100			370 VA 64 VA										TOTAL NEC DEMAND CURRENT	69 A
SUPPL	EMENTAL HEAT (U)	0 VA	100	1%	() VA											
	EQUIP (Z) GERATION (F)	4679 VA 0 VA	100 ¹			79 VA) VA											
SIGN/E	DISPLAY (D)	0 VA	125	5%	() VA											
	EN (K)	0 VA	100) VA											
	EST MOTOR ' WINDOW (W)	1743 VA 0 VA	125 ¹			79 VA) VA											
	K LIGHTING	0 VA	100) VA											
BUS AI	IELBOARD: LA22 MPS: 225A SIZE/TYPE: 225A M.C.B.	(NEW)							FAULT C AIC RAT AIC RAT SERVES	ED: ING:	NT: FULLY R	ATED				EQUIPMENT G	ROUND E



PANELBOARD TOTALS

TOTAL CONNECTED LOAD 54882 VA

TOTAL CONNECTED CURRENT 152 A

TOTAL NEC DEMAND CURRENT 119 A

TOTAL NEC LOAD 42884 VA

DEMAND | NEC DEMAND | PANELBOARD NOTES

7194 VA

0 VA

0 VA

22370 VA

6876 VA

0 VA

4584 VA

0 VA

0 VA

0 VA

0 VA

1860 VA

FACTOR

100%

64% 100%

100%

125%

125%

100%

7194 VA

0 VA

34740 VA

6876 VA

4584 VA

0 VA

1488 VA

PANELBOARD LEGEND
ABBREVIATIONS

ABBF	REVIATIONS V1.00	
AF C# CL D	ARC FAULT CIRCUIT INTERRUPTER. CIRCUIT VIA LIGHTING CONTACTOR #. CIRCUIT VIA CURRENT LIMITING DEVICE. DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO SPARE AND TURN OFF.)

TORY TO EMERGENCY LIGHTING HANDLE-ON CLAMP. **EXISTING** FUTURE LOAD; NOTE AS SPARE AND TURN OFF.

RED/HANDLE-ON CLAMP. GF GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA). GFEP GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA). HT PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PÉR CODE. ISOLATED GROUND CIRCUIT.

REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.

LCK HANDLE PADLOCKABLE-OFF DEVICE. HANDLE-ON CLAMP. PROVIDE NEW CIRCUIT BREAKER. REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM. POWER-SWITCHING CIRCUIT BREAKER.

PSE EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.

SHUNT TRIP CIRCUIT BREAKER. VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE AND TURN OFF. BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST

CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

GROUND WIRE SIZE PER CODE, PROVIDE LUG ADAPTORS IF REQUIRED.

NOT ALL ABBREVIATIONS ARE USED.

CIRCUIT VIA RELAY PANEL.

L# LIGHTING CONTROL SCHEME NUMBER.

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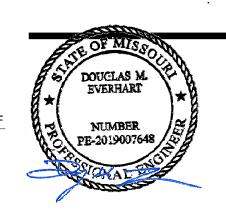
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Dec 28 2020 DOUGLAS M. EVERHART LICENSE # PE-2019007648

Number

MO. CORPORATE NO: E-556D EXPIRES 12/31/2021 REVISIONS

DESCRIPTION

PROJECT NO:

HA12 HA22

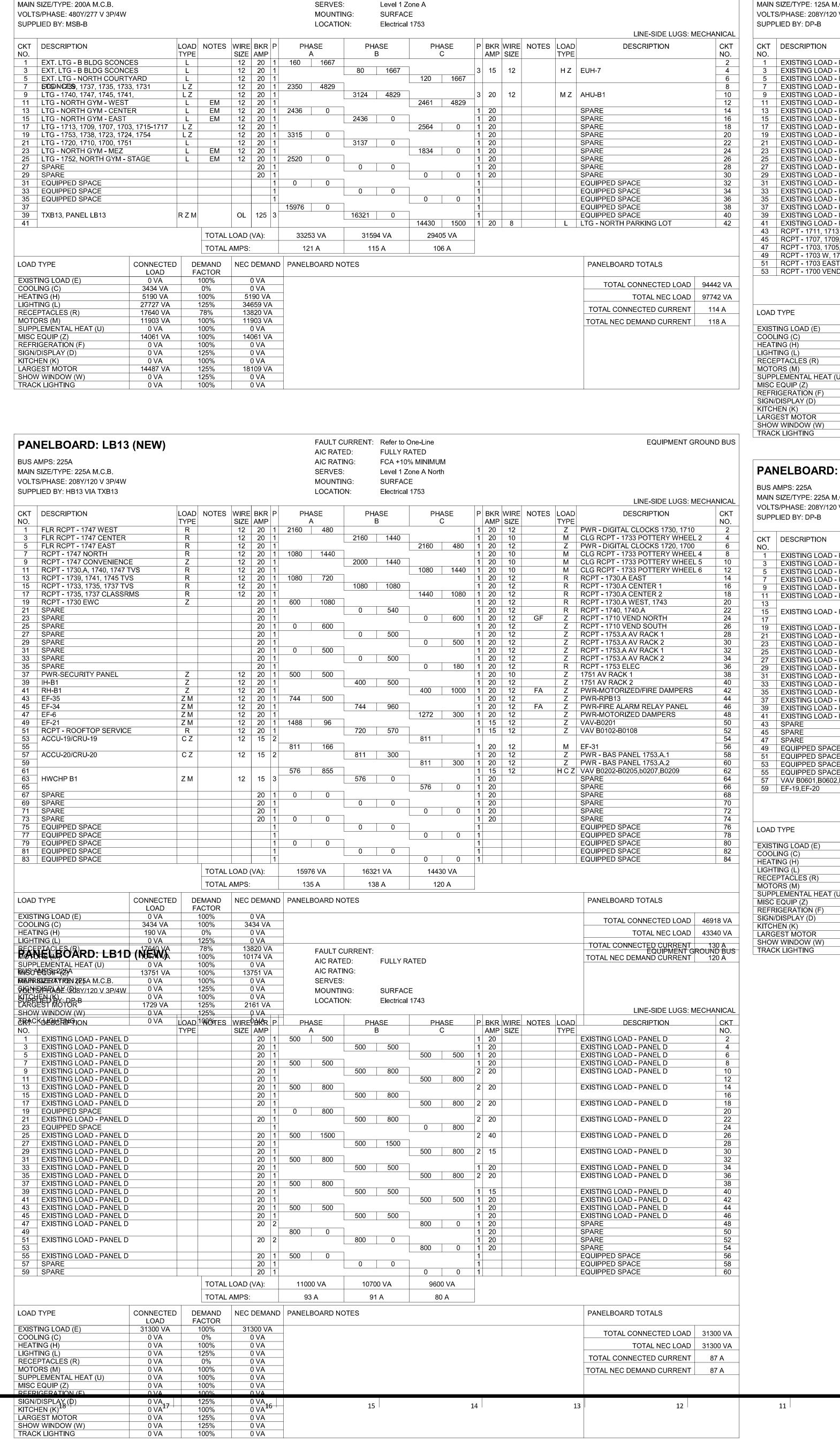
LA12 LA22

December 29, 2020

Package 2

PANELBOARD SCHEDULES - A BLDG SERVICE 2

E601



100% 125% 125% 100%

LARGEST MOTOR SHOW WINDOW (W TRACK LIGHTING

FAULT CURRENT: Refer to One-Line

FULLY RATED

FCA +10% MINIMUM

AIC RATED:

AIC RATING:

PANELBOARD: HB13 (NEW)

BUS AMPS: 200A

EQUIPMENT GROUND BUS

PAI	NELBOARD: LB1A	(NEW)							URRENT:		ATED							EQUIPMENT GF	ROUND BUS
10 /	AMPS: 225A							AIC RAT		FULLY R	ATED								
	SIZE/TYPE: 125A M.C.B.							SERVES											
										OLIDEAO	_								
	S/PHASE: 208Y/120 V 3P/4W							MOUNTI		SURFAC									
UPP	PLIED BY: DP-B							LOCATIO	DN:	Electrical	1702							LINE OIDE LUCC. M	
KT	DESCRIPTION		.OAD	NOTES	WIDE	BKR P	DU	ASE	DU	ASE	PHA		D DI	D W	IDE	NOTES	LOAD	LINE-SIDE LUGS: MI DESCRIPTION	CKT
Λ I Ο.	DESCRIPTION		YPE	NOTES	SIZE			ASE A		ASE B	C			IP SI			TYPE		NO.
1	EXISTING LOAD - PANEL A				0.22	20 1	500	500					1 1					EXISTING LOAD - PANEL A	2
3	EXISTING LOAD - PANEL A					20 1			500	1000									4
5	EXISTING LOAD - PANEL A					20 1					500	1000	3 2	0				EXISTING LOAD - PANEL A	6
7	EXISTING LOAD - PANEL A					20 1	500	1000			ī			_					8
9	EXISTING LOAD - PANEL A					20 1			500	500	F00	F00	1 1					EXISTING LOAD - PANEL A	10
11	EXISTING LOAD - PANEL A EXISTING LOAD - PANEL A					20 1	500	500	7		500	500	1 2					EXISTING LOAD - PANEL A EXISTING LOAD - PANEL A	12 14
13 15	EXISTING LOAD - PANEL A					20 1 20 1	500	500	500	500	1		1 2					EXISTING LOAD - PANEL A	16
15 17	EXISTING LOAD - PANEL A					20 1			500	1 300	500	500		<i>-</i>				LAIGHING LOAD - FAINEL A	18
9	EXISTING LOAD - PANEL A					20 1	500	500	7		300	300	3 3	n l				EXISTING LOAD - PANEL A	20
21	EXISTING LOAD - PANEL A					20 1			500	500								2,4011110 20,15 17,11122,1	22
23	EXISTING LOAD - PANEL A					20 1					500	1000							24
25	EXISTING LOAD - PANEL A					20 1	500	1000					3 3	0				EXISTING LOAD - PANEL A	26
27	EXISTING LOAD - PANEL A					20 1			500	1000									28
29	EXISTING LOAD - PANEL A					20 1			7		500	500	1 2					EXISTING LOAD - PANEL A	30
31	EXISTING LOAD - PANEL A					20 1	500	500			1		1 2					EXISTING LOAD - PANEL A	32
33	EXISTING LOAD - PANEL A					20 1			500	500	500	500	1 2					EXISTING LOAD - PANEL A	34
35 37	EXISTING LOAD - PANEL A EXISTING LOAD - PANEL A					20 1	500	F00	٦		500	500	1 2					EXISTING LOAD - PANEL A	36 38
39	EXISTING LOAD - PANEL A					20 1 20 1	500	500	500	500]		1 2					EXISTING LOAD - PANEL A EXISTING LOAD - PANEL A	40
39 41	EXISTING LOAD - PANEL A					15 1			300	300	500	500	1 2					EXISTING LOAD - PANEL A	42
43	RCPT - 1711, 1713 N, 1713.A		R		12	20 1	1080	600	7		300	- 000	1 2		12	GF	7	RCPT - 1700 VEND WEST	44
45	RCPT - 1707, 1709, 1713 TVS		R		12	20 1			1080	600]		1 2		12	GF	Z	RCPT - 1700 EWC	46
47	RCPT - 1703, 1705, 1707		R		12	20 1					720	600	1 2		12	GF	Z	RCPT - VEND NORTH	48
49	RCPT - 1703 W, 1705 TVS		R		12	20 1	1080	600					1 2	0 1	12	GF	Z	RCPT - VEND SOUTH	50
51	RCPT - 1703 EAST TVS		R		12	20 1			1080	0			1					EQUIPPED SPACE	52
53	RCPT - 1700 VEND EAST		Z	GF	12	20 1					600	0	1					EQUIPPED SPACE	54
				TOTAL L	OAD (VA):	1136	60 VA	1076	80 VA	9920	VA							
				TOTAL A	AMPS:		90	6 A	91	1 A	83 .	4							
DAC) TYPE	CONNECTED LOAD		EMAND ACTOR	NEC	DEMAND	PANEL	BOARD N	OTES									PANELBOARD TOTALS	
	TING LOAD (E)	24000 VA	•	100%		000 VA												TOTAL CONNECTED LOAD	32040 VA
	LING (C)	0 VA		0%		AV C													
	TING (H) TING (L)	0 VA 0 VA		100% 125%		AV C	_											TOTAL NEC LOAD	32040 VA
	EPTACLES (R)	5040 VA		125%		3 VA 140 VA	_											TOTAL CONNECTED CURRENT	89 A
	ORS (M)	0 VA		100%		O VA	=											TOTAL NEC DEMAND CURRENT	89 A
	PLEMENTAL HEAT (U)	0 VA		100%		O VA	-											TOTAL NEO DEMAND CONNENT	03 A
	EQUIP (Z)	3000 VA		100%		00 VA													
	RIGERATION (F)	0 VA		100%		O VA	1												
IGN/	/DISPLAY (D)	0 VA	•	125%		AV C													
	HEN (K)	0 VA		100%		AV C													
	SEST MOTOR	0 VA		125%		O VA													
	W WINDOW (W)	0 VA		125%		O VA													
RAC	CK LIGHTING	0 VA	· '	100%		O VA													

PANELBOARD: LB1B (NEW)					URRENT:							EQUIPMENT (ROUND BUS
				AIC RATI		FULLY R	RATED						
BUS AMPS: 225A				AIC RATI									
MAIN SIZE/TYPE: 225A M.C.B.				SERVES	•								
/OLTS/PHASE: 208Y/120 V 3P/4W				MOUNTII	NG:	SURFAC	Έ						
SUPPLIED BY: DP-B				LOCATIO	N:	Classroo	m - Life Skil	ls 1709					
												LINE-SIDE LUGS: I	MECHANICAL
KT DESCRIPTION	LOAD	NOTES WIRE BKR P	PH	ASE	PH	ASE	PHA	\SE	РВ	KR WIRI	NOTES LOAD	DESCRIPTION	СКТ
IO.	TYPE	SIZE AMP		A		В	C			MP SIZE			NO.
1 EXISTING LOAD - PANEL B		20 1	500	500			1			15		ISTING LOAD - PANEL B	2
3 EXISTING LOAD - PANEL B		20 1			500	500				20		ISTING LOAD - PANEL B	4
5 EXISTING LOAD - PANEL B		20 1					500	500		20		ISTING LOAD - PANEL B	6
7 EXISTING LOAD - PANEL B		20 1	500	500]					20	EXI	ISTING LOAD - PANEL B	8
9 EXISTING LOAD - PANEL B		20 1		1	500	500				30		ISTING LOAD - PANEL B	10
11 EXISTING LOAD - PANEL B		20 1					500	800					12
13			1000	800					3	15	EXI	ISTING LOAD - PANEL B	14
15 EXISTING LOAD - PANEL B		30 3			1000	800							16
17							1000	500	1 :	20	EXI	ISTING LOAD - PANEL B	18
19 EXISTING LOAD - PANEL B		15 1	500	500					1 :	20	EXI	ISTING LOAD - PANEL B	20
21 EXISTING LOAD - PANEL B		20 1			500	500				20		ISTING LOAD - PANEL B	22
23 EXISTING LOAD - PANEL B		15 1					500	500	1 :	20		ISTING LOAD - PANEL B	24
25 EXISTING LOAD - PANEL B		20 1	500	500						20	EXI	ISTING LOAD - PANEL B	26
27 EXISTING LOAD - PANEL B		20 1			500	500				20		ISTING LOAD - PANEL B	28
29 EXISTING LOAD - PANEL B		20 1		_			500	500		20		ISTING LOAD - PANEL B	30
31 EXISTING LOAD - PANEL B		20 1	500	500			_			20		ISTING LOAD - PANEL B	32
33 EXISTING LOAD - PANEL B		30 1			500	500				20		ISTING LOAD - PANEL B	34
35 EXISTING LOAD - PANEL B		15 1			1		500	500		20		ISTING LOAD - PANEL B	36
37 EXISTING LOAD - PANEL B		15 1	500	500			_			20		ISTING LOAD - PANEL B	38
39 EXISTING LOAD - PANEL B		15 1			500	500				20		STING LOAD - PANEL B	40
41 EXISTING LOAD - PANEL B		20 1			1		500	500		20		STING LOAD - PANEL B	42
43 SPARE		20 1	0	0			7			20		ARE	44
45 SPARE		20 1			0	0	ļ <u>, , , , , , , , , , , , , , , , , , ,</u>			20		ARE	46
47 SPARE		20 1			1		0	0	1 1	20		ARE	48
49 EQUIPPED SPACE			0	0			٦		1			UIPPED SPACE	50
51 EQUIPPED SPACE		1			0	0			1			UIPPED SPACE	52
53 EQUIPPED SPACE					1		0	0	1			UIPPED SPACE	54
55 EQUIPPED SPACE	ЦС7	1 1	0	0	175		٦		1			UIPPED SPACE	56
57 VAV B0601,B0602,B0603,B0604,B0605 59 EF-19,EF-20	H C Z	15 1 15 1			475	0	332	0	1			UIPPED SPACE UIPPED SPACE	58 60
08 EF-18,EF-20	∠ IVI								++		EQ	UIFFED SPACE	60
		TOTAL LOAD (VA):	780	0 VA	827	5 VA	8132	2 VA					
		TOTAL AMPS:	61	5 A	60	9 A	68	۸					

PANELBOARD TOTALS

TOTAL CONNECTED LOAD | 24682 VA

TOTAL CONNECTED CURRENT 69 A

TOTAL NEC DEMAND CURRENT 67 A

TOTAL NEC LOAD 24290 VA

DEMAND | NEC DEMAND | PANELBOARD NOTES

0 VA

475 VA

0 VA

0 VA

0 VA

0 VA 0 VA

0 VA

0 VA

0 VA

415 VA

0 VA

CONNECTED

FACTOR

100%

125%

125% 100%

LOAD

475 VA

475 VA

332 VA

gouldevans

V1.00

PANELBOARD LEGEND

FUTURE LOAD; NOTE AS SPARE AND TURN OFF.

GFEP GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).

REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.

PSE EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.

GF GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).

HT PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PÉR CODE.

REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.

DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO

VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE

BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST

CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

GROUND WIRE SIZE PER CODE, PROVIDE LUG ADAPTORS IF REQUIRED.

AF ARC FAULT CIRCUIT INTERRUPTER.

SPARE AND TURN OFF.

ISOLATED GROUND CIRCUIT.

LCK HANDLE PADLOCKABLE-OFF DEVICE.

CIRCUIT VIA RELAY PANEL.

SHUNT TRIP CIRCUIT BREAKER.

L# LIGHTING CONTROL SCHEME NUMBER.

PROVIDE NEW CIRCUIT BREAKER.

POWER-SWITCHING CIRCUIT BREAKER.

CIRCUIT VIA LIGHTING CONTACTOR #.

EM EMERGENCY LIGHTING HANDLE-ON CLAMP.

CIRCUIT VIA CURRENT LIMITING DEVICE.

ABBREVIATIONS

EXISTING.

FA RED/HANDLE-ON CLAMP.

HANDLE-ON CLAMP.

AND TURN OFF.

NOT ALL ABBREVIATIONS ARE USED.

kansas city • lawrence • new orleans phoenix • san francisco

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Lee's Summit High School

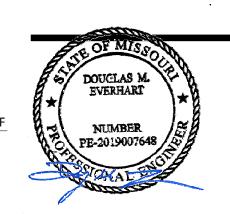
400 SE Blue Pkwy Lee's Summit, MO 64063

Lee's Summit R-7 School District 123 Anystreet Lee's Summit, MO 64086

architect: **Gould Evans** 4200 Pennsylvania Avenue Kansas City, MO 64111 816.931.6655 voice www.gouldevans.com structural engineer: Bob D. Campbell & Company, Inc 4338 Belleview Kansas City, MO 64111 816.531.4144

civil engineer: Kaw Valley Engineering 14700 West 114th Terrace Lenexa, KS 66215 913.485.0318

mechanical/electrical engineer: Henderson Engineers 8345 Lenexa Drive, Suite 300 Lenexa, KS 66214 913.742.5000



Dec 28 2020 DOUGLAS M. EVERHART LICENSE # PE-2019007648 MO. CORPORATE NO: E-556D

Number

EXPIRES 12/31/2021 REVISIONS

DESCRIPTION

PROJECT NO: DATE:

HB13 LB1A

LB13 LB1B

LB1D

December 29, 2020

Package 2

PANELBOARD

SCHEDULES - B BLDG NORTH

E605



12

11

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V1.00

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Lee's Summit **High School**

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MO. CORPORATE NO: E-556D EXPIRES 12/31/2021 REVISIONS

DESCRIPTION

PROJECT NO:

December 29, 2020 DATE:

Package 2

PANELBOARD SCHEDULES - C BLDG SERVICE 2

E610

Issued for Construction

HC12 LC12 HC22 LC22

HC11 LC11

PANELBOARD LEGEND

DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO

VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE

BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST

CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

GROUND WIRE SIZE PER CODE, PROVIDE LUG ADAPTORS IF REQUIRED.

GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).

PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PÉR CODE.

ARC FAULT CIRCUIT INTERRUPTER.

SPARE AND TURN OFF.

RED/HANDLE-ON CLAMP.

ISOLATED GROUND CIRCUIT.

LCK HANDLE PADLOCKABLE-OFF DEVICE.

CIRCUIT VIA RELAY PANEL.

SHUNT TRIP CIRCUIT BREAKER.

HANDLE-ON CLAMP.

AND TURN OFF.

NOT ALL ABBREVIATIONS ARE USED.

LIGHTING CONTROL SCHEME NUMBER.

POWER-SWITCHING CIRCUIT BREAKER.

PROVIDE NEW CIRCUIT BREAKER.

CIRCUIT VIA LIGHTING CONTACTOR #.

CIRCUIT VIA CURRENT LIMITING DEVICE.

EMERGENCY LIGHTING HANDLE-ON CLAMP.

FUTURE LOAD; NOTE AS SPARE AND TURN OFF.

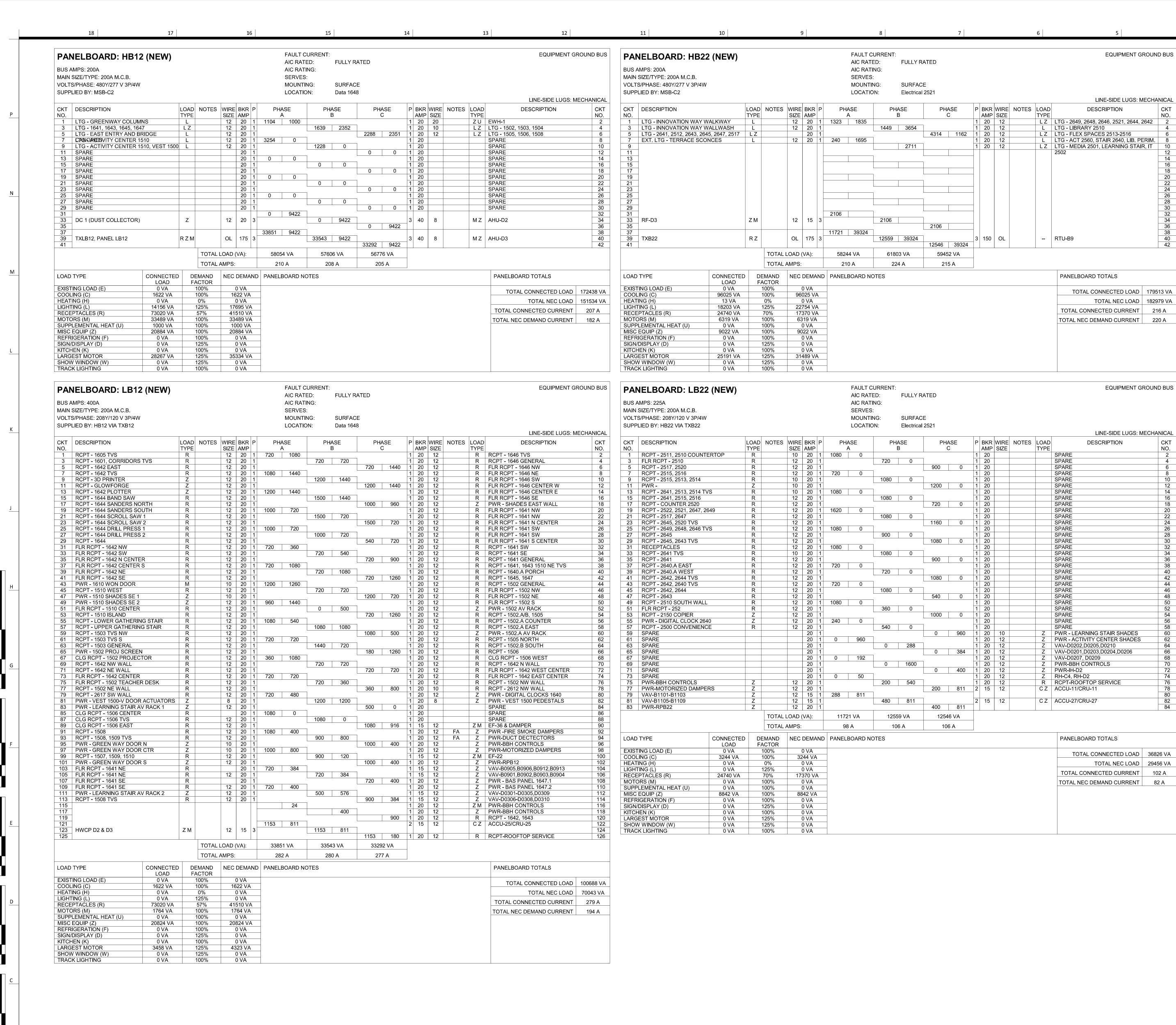
GFEP GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).

REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.

EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.

REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.

ABBREVIATIONS



PANELBOARD LEGEND

V1.00

ABBREVIATIONS

AF ARC FAULT CIRCUIT INTERRUPTER.
C# CIRCUIT VIA LIGHTING CONTACTOR

F ARC FAULT CIRCUIT INTERRUPTER.
CIRCUIT VIA LIGHTING CONTACTOR #.
L CIRCUIT VIA CURRENT LIMITING DEVICE.
DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO

SPARE AND TURN OFF.

EM EMERGENCY LIGHTING HANDLE-ON CLAMP.

EX EXISTING.

F FUTURE LOAD; NOTE AS SPARE AND TURN OFF.
FA RED/HANDLE-ON CLAMP.
GF GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).
GFEP GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).
HT PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PER CODE.

EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.

IG ISOLATED GROUND CIRCUIT.

L# LIGHTING CONTROL SCHEME NUMBER.

LCK HANDLE PADLOCKABLE-OFF DEVICE.

LO HANDLE-ON CLAMP.

N PROVIDE NEW CIRCUIT BREAKER.

OL REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.

PS POWER-SWITCHING CIRCUIT BREAKER.

REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.
CIRCUIT VIA RELAY PANEL.
SHUNT TRIP CIRCUIT BREAKER.
VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE

BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST GROUND WIRE SIZE PER CODE, PROVIDE LUG ADAPTORS IF REQUIRED.

Z CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

NOT ALL ABBREVIATIONS ARE USED.

AND TURN OFF.

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Lee's Summit High School

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Dec 28 2020DOUGLAS M. EVERHART
LICENSE # PE-2019007648
1950004111
MO. CORPORATE NO: E-556D

Number

EXPIRES 12/31/2021
REVISIONS

DESCRIPTION

PROJECT NO:

0119-0100 December 29, 2020

Package 2

PANELBOARD SCHEDULES - C BLDG SERVICE 2

E611

Issued for Construction

HB12 HB22 LB12 LB22

SLAS M. EVERHART

				/ T LIB			<u> </u>	
YPE	MANUFACTURER / MODEL #	APPROVED	LIGHT FIX	XTUR		1	_	LE - 1 OF 1 DESCRIPTION
1		ALTERNATES COLUMBIA LCAT SERIES	LIGHT SOURCE	TYPE		WATTS	VA	2'X4' RECESSED LED STATIC TROFFER SUITABLE FOR LAY-IN GRID CEILINGS. NOMINAL 3-3/4" DEEP 22-GAUGE COLD
E	LITHONIA LIGHTING A1: 2ALL4CTRF-40L-GZ1-LP935 A1E: 2ALL4CTRF-40L-GZ1-LP935-EL14L	METALUX CRUZ ST SERIES SIGNIFY FLUXGRID SERIES	LED PER MANUFACTURER 90 CRI, 3500K 4000 LUMENS	0-10V	120/277	32	36	ROLLED STEEL HINGED FRAME PERMITTING ACCESS TO ELECTRICAL COMPONENTS FROM BELOW WITH MATTE WHITE POLYESTER POWDER COAT FINISH. DIFFUSE CENTRAL RIBBED ACRYLIC LENS CONCEALING LEDS WITHIN CURVED PRIMARY DEFLECTOR. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. A2\1
!	LITHONIA LIGHTING A2: 2ALL2CTRF-40L-GZ1-LP935 A2E: 2ALL2CTRF-40L-GZ1-LP935-EL14L	COLUMBIA LCAT SERIES METALUX CRUZ ST SERIES SIGNIFY FLUXGRID SERIES	60,000 HOURS LED PER MANUFACTURER 90 CRI, 3500K 4000 LUMENS	0-10V	120/277	38	42	2'X2' RECESSED LED STATIC TROFFER SUITABLE FOR LAY-IN GRID CEILINGS. NOMINAL 3-3/4" DEEP 22-GAUGE COLD ROLLED STEEL HINGED FRAME PERMITTING ACCESS TO ELECTRICAL COMPONENTS FROM BELOW WITH MATTE WHITE POLYESTER POWDER COAT FINISH. DIFFUSE CENTRAL RIBBED ACRYLIC LENS CONCEALING LEDS WITHIN CURVED PRIMARY DEFLECTOR. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS.
	LITHONIA LIGHTING A3: 2GTL-4-60L-A12125-GZ1-LP835 A3E: 2GTL-4-60L-A12125-GZ1-LP835-EL14L	COLUMBIA LLT SERIES HE WILLIAMS 50 LED SERIES SIGNIFY DAYLED SERIES	60,000 HOURS LED PER MANUFACTURER 90 CRI, 3500K 6000 LUMENS	0-10V	120/277	49	54	2'X4' RECESSED LED STATIC TROFFER SUITABLE FOR LAY-IN GRID CEILINGS. NOMINAL 3-1/4" DEEP 22-GAUGE COLD ROLLED STEEL FRAME WITH MATTE WHITE POLYESTER POWDER COAT FINISH. FROSTED ACRYLIC, PATTERN #12, 0.125" THICK LENS SUITABLE FOR WIPE-DOWN APPLICATIONS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS.
	ACOLYTE RIBBONLYTE CHANNEL SERIES CHAS3-M-90-SWS220-6.0-35-x-TILTSTANDST	KELVIX PERF. INDOOR (W/ CH502)	72,000 HOURS LED PER MANUFACTURER 90 CRI, 3500K	NON-DIM	120/277	RE. DWGS		FLEXIBLE STATIC-WHITE LED TAPE WITH 1" WIDE X 0.42" TALL EXTRUDED ALUMINUM CHANNEL YIELDING SYMMETRIC 120 DEGREE BEAM. MILKY LENS WITH 70% TRANSMITTANCE FULLY DIFFUSING LED IMAGE. PROVIDE TILTABLE STAND MOUNTING ACCESSORY FOR ALL LED TAPE SECTIONS. PROVIDE ALL HARDWARE SO THAT CHANNEL IS MECHANICALLY AFFIXED TO MOUNTING SURFACE.
	ACOLYTE RIBBONLYTE CHANNEL SERIES CHAC2-M-90-SWS220-4.4-35-x	KELVIX PERF. INDOOR (W/ CH006)	730 LM/FT LED PER MANUFACTURER 90 CRI, 3500K	0-10V	120/277	RE. DWGS	RE. DWGS	FLEXIBLE STATIC-WHITE LED TAPE WITH 0.63" WIDE X 0.63" TALL EXTRUDED ALUMINUM CORNER CHANNEL SUITABLE FOR CORNER MOUNTING YIELDING SYMMETRIC 120 DEGREE BEAM AT 45 DEGREE FFROM NORMAL. MILKY LENS WITH 70% TRANSMITTANCE FULLY DIFFUSING LED IMAGE. PROVIDE ALL HARDWARE SO THAT CHANNEL IS MECHANICALLY AFFIXED TO MOUNTING SURFACE.
٧	GOTHAM EVO 2IN DOWNLIGHT EVO2-35/10-AR-LSS-WD-MVOLT-UGZ-90CRI	HE WILLIAMS 2DR SERIES HUBBELL LITEISTRY SERIES SIGNIFY LIGHTOLIER SERIES	535 LM/FT LED PER MANUFACTURER 90 CRI, 3500K 1000 LUMENS	0-10V	120/277	13	15	NOMINAL 2-7/8" DIAMETER 5-1/8" DEEP RECESSED LED DOWNLIGHT WITH WIDE DISTRIBUTION. SEMI-SPECULAR FINISH AND NEW CONSTRUCTION HOUSING. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. 60000 HOUR RATED MINIMUM. D1W: SAME AS TYPE D1 EXCEPT WITH OPEN WALLWASH CORE.
Ē	GOTHAM EVO4LW-35/10-AR-LSS-MVOLT-GZ1-CRI90-(EL)	HE WILLIAMS 4DR SERIES HUBBELL LITEISTRY SERIES SIGNIFY LIGHTOLIER SERIES	LED PER MANUFACTURER 90 CRI, 3500K 1000 LUMENS	0-10V	120/277	9	10	NOMINAL 4" DIAMETER 6-7/8" DEEP RECESSED LED DOWNLIGHT WITH WALL WASH DISTRIBUTION. CLEAR SELF-FLANGED TRIM WITH SEMI-SPECULAR REFLECTOR AND NEW CONSTRUCTION HOUSING. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. 60000 HOUR RATED MINIMUM. D2E: PROVIDE WITH INTEGRAL 10W EM BATTERY AND TEST SWITCH.
E	GOTHAM EVO4-35/10-AR-WD-LSS-MVOLT-GZ1-90CRI-(EL) GOTHAM	HE WILLIAMS 4DR SERIES HUBBELL LITEISTRY SERIES SIGNIFY LIGHTOLIER SERIES HE WILLIAMS 4DR SERIES	LED PER MANUFACTURER 90 CRI, 3500K 1000 LUMENS LED PER	0-10V NON-DIM	120/277	9	10	NOMINAL 4" DIAMETER 6-7/8" DEEP RECESSED LED DOWNLIGHT WITH WIDE DISTRIBUTION. CLEAR SELF-FLANGED TRIM WITH SEMI-SPECULAR REFLECTOR AND NEW CONSTRUCTION HOUSING. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. 60000 HOUR RATED MINIMUM. D3E: PROVIDE WITH INTEGRAL 10W EM BATTERY AND TEST SWITCH. NOMINAL 4" DIAMETER 6-7/8" DEEP RECESSED LED DOWNLIGHT SUITABLE FOR SHOWER APPLICATIONS. REGRESSED
В	EVO4SH-35/20-DFR-SOL-MVOLT-EZ10-90CRI ETC PRO ONE CELL SMALL DOWNLIGHT	HUBBELL LITEISTRY SERIES SIGNIFY LIGHTOLIER SERIES	MANUFACTURER 90 CRI, 3500K 2000 LUMENS LED PER	DMX /	120/277	20	22	TEXTURED LENS WITH WHITE PAINTED TRIM. PROVIDE WITH STANDARD 0-10V DIMMING DRIVER. HIGH CRI LEDS. 60000 HOUR RATED MINIMUM. D6B: NOMINAL 4.33" DIAMETER X 5" H RECESSED ADJUSTABLE LED DOWNLIGHT WITH 60 DEGREE BEAM ANGLE. PROVIDE
BE W WE	FIXTURE: ARCP1S-F-3-60-B / W-A DRIVER (NORMAL): ARCMD1DM DRIVER (EM): ARCMD1DEM		MANUFACTURER 90 CRI, 3000K 2023 LUMENS 50,000 HOURS	ARCMESH FADE-TO WARM				WITH ETC ARCMESH D1 DRIVER FOR WIRELESS DMX CONTROL AND EXTENSION CABLE AS REQUIRED BY IN-FIELD CONDITIONS. FADE-TO-WARM DIMMING. BLACK FINISH. D6BE: SAME AS TYPE D6B EXCEPT WITH EMERGENCY BATTERY DRIVER. D6W / D6WE: SAME AS TYPE D6B / D6BE EXCEPT WITH WHITE FINISH. CONTRACTOR TO PROVIDE ALLOWANCE FOR FIXTURE.
Ŕ	GOTHAM DR7: EVO#R-35/25-BR-WD-LSS-277-GZ1-TRBL-90CRI DR7E:	HE WILLIAMS #DR SERIES HUBBELL LITEISTRY SERIES SIGNIFY LIGHTOLIER SERIES	LED PER MANUFACTURER 90 CRI, 3500K 2500 LUMENS	0-10V	120/277	25	28	NOMINAL 6-7/8" DEEP RECESSED LED RETROFIT DOWNLIGHT WITH WIDE DISTRIBUTION. BLACK REFLECTOR AND MATCHING PAINTED TRIM. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. CONFIRM SIZE OF EXISTING OPENINGS PRIOR TO BID. PROVIDE SUITABLE FIXTURE UPON FIELD MEASURE.
Ξ.	LITHONIA LIGHTING F1: ZL1N-L46-3000LM-FST-MVOLT-35K-90CRI-WH F1E: ZL1N-L46-3000LM-FST-MVOLT-35K-90CRI-E7W-WH	COLUMBIA CSL SERIES HE WILLIAMS 75L SERIES ILP SS SERIES	60,000 HOURS LED PER MANUFACTURER 90 CRI, 3500K 3000 LUMENS 60,000 HOURS	NON-DIM	120/277	25	28	NOMINAL 4' LENGTH SUSPENDED LED STRIP FIXTURE WITH CHAIN HANGER ACCESSORY. 22-GAUGE DIE-FORMED COLD ROLLED STEEL HOUSING WITH WHITE POLYESTER POWDER COAT FINISH PAINTED AFTER FABRICATION. DIFFUSED MATTE ACRYLIC LENS, 0.08" THICK. CERTIFIED FOR DRY OR DAMP LOCATIONS. NON-DIMMING DRIVER. F1E: PROVIDE WITH INTEGRAL 10W EM BATTERY AND TEST SWITCH.
	LITHONIA LIGHTING FEM-L48-4000LM-LPAFL-WD-MVOLT-GZ10- 35K-90CRI	COLUMBIA LXEM SERIES HE WILLIAMS 96 LED SERIES SIGNIFY DW VAPORLUME SERIES	LED PER MANUFACTURER 90 CRI, 3500K 4000 LUMENS 60,000 HOURS	0-10V	120/277	24	27	NOMINAL 4' LENGTH GASKETED LED STRIP FIXTURE. 5VA (F1) FIBERGLASS OUTER HOUSING, RATED FOR FLAME AND WEATHER RESISTANCE WITH 0.050" ALUMINUM INTERNAL HOUSING, INJECTION-MOLDED POLYCARBONATE LATCHES, AND FROSTED, RIBBED, IMPACT RESISTANT ACRYLIC LENS. STAINLESS STEEL MOUNTING BRACKETS INCLUDED. IP65, IP66, AND IP67 RATED. STANDARD 0-10V DIMMING DRIVER. HIGH CRI LEDS.
IE	HE WILLIAMS GP4-L350-8-40-W-UP-DL-DIM1-UNV-MOD	COLUMBIA PELOTON SERIES LITHONIA I-BEAM IBG SERIES SIGNIFY IBX SERIES	LED PER MANUFACTURER 80 CRI, 3500K 35,000 LUMENS	0-10V	120/277	278	306	19"W X 24"L X 4-3/16"D SUSPENDED LED PERFORMANCE HIGH BAY FIXTURE WITH WIDE DISTRIBUTION. ALUMINUM AND STEEL HOUSING WITH NICKEL AND TEXTURED BLACK POWDER COAT FINISH. DIFFUSE POLYCARBONATE LENS AND UPLIGHT REFLECTOR. CONFIRM FINAL SUSPENSION SYSTEM WITH AS-BUILT CONDITIONS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. G1E: PROVIDE WITH INTEGRAL 10W EM BATTERY AND TEST SWITCH.
6E	LUMENPULSE LACYS-A-SM-D-277-9-ITG-DL20-35K-CR90-W- DA1-NA-xxx-B	GOTHAM INCITO 4IN SERIES LITEISTRY LTC 4 SERIES SIGNIFY LIGHTOLIER C4 SERIES	54,000 HOURS LED PER MANUFACTURER 90 CRI, 3500K 2000 LUMENS 50,000 HOURS	0-10V	120/277	19	21	NOMINAL 4" DIAMETER X 9" TALL LED SURFACE MOUNT CYLINDER WITH 2-5/8" APERATURE YIELDING A 60 DEGREE WIDE BEAM. INTEGRAL DRIVER. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER. K6E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
1-# 1E-#	A-LIGHT ACL3-XX-LS-3500K-U-HE-S-T-D-CRI	AXIS BEAM 2 SERIES FINELITE HP-2 SERIES METALUMEN RAIL 2 SERIES	LED PER MANUFACTURER 90 CRI, 3500K 440 LM/FT 50,000 HOURS	0-10V	120/277	5 W/FT	6 VA/FT	NOMINAL 2.25"W X 3.375"H SUSPENDED DIRECT LINEAR LED FIXTURE WITH AIRCRAFT CABLE SUSPENSION. ALUMINUM FINISH. EXTRUDED ALUMINUM HOUSING WITH DIE CAST ALUMINUM END CAPS AND HIGH EFFICIENCT LAMBERTIAN OPTIC ACRYLIC LENS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. P1E-#: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
1RS-# 1RSE-#	A-LIGHT ACL3-XX-LS-3500K-U-HE-R/S-T-D-CRI-MOD	AXIS BEAM 2 SERIES FINELITE HP-2 SERIES METALUMEN RAIL 2 SERIES	LED PER MANUFACTURER 90 CRI, 3500K 440 LM/FT 50,000 HOURS	0-10V	120/277	5 W/FT	6 VA/FT	SAME AS TYPE P1-# EXCEPT WITH CUSTOM CONSTRUCTION ALLOWING FOR PARTIALLY RECESSED, PARTIALLY SUSPENDED FIXTURE. CONFIRM EXACT LENGTHS AND DIMENSIONS WITH LIGHTING PLANS AND ARCHITECTURAL DRAWINGS. 50,000 HOUR MINIMUM. P1RSE-#: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
2-#	FLUXWERX APS-F-A-A-35-FBA-XX-G-F2-M-03-(G)	BETA CALCO LE LOUVRE SERIES AXIS ZEN SERIES	LED PER MANUFACTURER 80 CRI, 3500K 588 LM/FT 60,000 HOURS	0-10V	120/277	5 W/FT	6 VA/FT	SUSPENDED EXTRUDED ALUMINUM LED PENDANT WITH 3.5"W X 2"H PROFILE COMPRISED OF CONTINUOUS 2.85" SQUARE ILLUMINATION CELLS PRODUCING 75% UP BATWING / 25% DOWN LIGHT DISTRIBUTION. FLAT ENDCAP. PROVIDE SYMMETRI MODULE/ROW LAYOUT WHERE POSSIBLE. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER.
3	ALW MOONRING MR1.5A-D5-CM-MIN-90-3500K-0/10V/S-N-N-UNV	ALM RING UD SERIES BARBICAN HALO ACSTC. SERIES OCL REV 1 ACOUSTIC SERIES	LED PER MANUFACTURER 90 CRI, 4000K 3750 LUMENS 50,000 HOURS	0-10V	120/277	58	64	NOMINAL 60" DIAMETER SURFACE MOUNT CIRCULAR RING FIXTURE WITH 1.5"W X 1.75"H PROFILE AND DIFFUSE LIGHT-LEAK LENS. CENTER CIRCULAR REGION FILLED WITH ACOUSTIC MATERIAL. EXTRUDED ALUMINUM HOUSING. 0.118" THICK ACRYLIC LENS. PROVIDE WITH 0-10V DIMMING DRIVER CAPABLE OF 100-1% DIMMING. CONFIRM FINISH AND ACOUSTIC FELT COLOR WITH ARCHITECT PRIOR TO ORDER.
6 6E	LUMENPULSE LACYS-A-PSF-FBA-XX-D-277-9-ITG-DL20-35K- CRI90-W-DA1-FBA-B-FBA	GOTHAM INCITO 4IN SERIES LITEISTRY LTC 4 SERIES SIGNIFY LIGHTOLIER C4 SERIES	LED PER MANUFACTURER 90 CRI, 3500K 2000 LUMENS 50,000 HOURS	0-10V	120/277	19	22	NOMINAL 4" DIAMETER X 9" TALL SUSPENDED LED CYLINDER WITH 2-5/8" APERATURE YIELDING A 60 DEGREE WIDE BEAM. MOUNT VIA RIGID STEM ON FLAT CANOPY SUITABLE FOR MOUNTING ON STANDARD ELECTRICAL BOX, CONFIRM FINAL STEI AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS. INTEGRAL DRIVER. PROVIDE WITH 0-10V DRIVER CAPABLE OI 100%-1% DIMMING. HIGH CRI LEDS. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER. P6E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
6W 6WE	LUMENPULSE LACYS-A-PSF-FBA-XX-D-277-9-ITG-DL20-35K- CRI90-WW-DA1-FBA-B-FBA	GOTHAM INCITO 4IN WW SERIES LITEISTRY LTC 4 SERIES SIGNIFY LIGHTOLIER C4 SERIES	LED PER MANUFACTURER 90 CRI, 3500K 2000 LUMENS	0-10V	120/277	19	22	P6W: SAME AS TYPE P6 EXCEPT WITH TRUE ASYMMETRIC WALLWASH OPTICS. P6WE: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTER CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
, 'E	DELRAY IL791-FBA-O-W35-M-S/SR-D-CM1	LUMINIS HOLLOWCORE SERIES VOIGHT THRHB SERIES	LED PER MANUFACTURER 90 CRI, 3500K 10,000 LUMENS 50,000 HOURS	0-10V	120/277	65	72	NOMINAL 16.25" DIA X 11"H LED DECORATIVE PENDANT WITH DIE-CAST ALUMINUM HEAT SINK HOUSING SUPPORTING A CURVED CIRCULAR ACRYLIC PRISMATIC DEFRACTOR WITH OPAL FINISH. HARD STEM MOUNTING HARDWARE, CONFIRM FINAL STEM AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. CONFIRM ALUMINUM HOUSING FINISH WITH ARCHITECT PRIOR TO ORDER. P7E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
3 3E	ETC P8: ARCP8-277-F-30-60-W-Y P8E: ARCPE8-277-F-30-60-W-Y		LED PER MANUFACTURER 90 CRI, 3000K 18600 LUMENS 50,000 HOURS	DMX / ARCMESH FADE-TO WARM	277	200	220	P8: NOMINAL 13.7"W X 8.8"H X 7.93" DEEP HIGH PERFORMANCE LED LUMINAIRE WITH YOKE-MOUNTING FOR FOCUSING AND AIMING OF LIGHT FIXTURE. ONBOARD POWER SUPPLY CONTROLLED VIA WIRELESS DMX 'ARCMESH' TRANSMITTER PROVIDING REMOTE ADDRESSABILITY OF FIXTURES. 60 DEGREE BEAM ANGLE. WHITE FINISH. P8E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE. CONTRACTOR TO PROVIDE ALLOWANCE FOR FIXTURE.
1	A-LIGHT ALIGN 2 SYSTEM: ALG2S-IJ-OR-X-LS-35-U-S-B-D-D-CRI LINEAR: ALGSTR-x-LH-35-SQ-B-D-CRI SPOT: ALGALT-55-LH-35-35-B-D-CRI	WAC LIGHTING STRUT SERIES ZANEEN HYPRO SERIES ZANIBONI MINI-TRACK I SERIES	LED PER MANUFACTURER 90 CRI, 3500K 350 LM/FT UP	0-10V	120/277	100 W DRIVER		SUSPENDED TRACK SYSTEM WITH INTEGRATED CONTINUOUS LED UPLIGHT CAPABLE OF ACCEPTING MULTIPLE LINEAR AN SPOT LIGHT ACCESSORIES FOR DIRECT LIGHTING OF SPACE. PROVIDE SQUARE LENS DIRECT LINEAR ATTACHMENTS AND SPOT HEAD ATTACHMENTS WITH 35 DEG BEAM ANGLES, LENGTHS AND LOCATIONS PER PLAN. 0-10V DIMMING DRIVER. BLACK FINISH. COORDINATE ALL DRIVER LOCATIONS/ QUANTITIES PRIOR TO CONSTRUCTION.
DE	P9E: OCL GLOWSTICK GS1-P1CF-36-CR-FBA-LED1-935K-UNV-100-DM1	CASEY ARCH LTG PEN SERIES PRIMA CONTOR III SERIES SPI LIGHTING PAVO SERIES	530 LM/FT DOWN LED PER MANUFACTURER 90 CRI, 3500K 825 LUMENS 60,000 HOURS	0-10V	120/277	11	13	NOMINAL 36"H X 1.5"DIA CYLINDRICAL PENDANT WITH EXTRUDED AND MACHINED ALUMINUM FIXTURE BODY AND CLEAR ACRYLIC ROD DIFFUSER. PROVIDE WITH CANOPY FOR MOUNTING ON RECESSED JUNCTION BOX, FINISH TO MATCH FIXTURE BODY. PENDANT AND POWER CORD LENGTH TO VARY, REFER TO DRAWINGS FOR ADDITIONAL INFORMATION. CONFIRM FIXTURE FINISH WITH ARCHITECT PRIOR TO ORDER. P10E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
1-#	FOCAL POINT SEEM 4 P11: FSM4LS-FL-440LF-935K-1C-UNV-L11-C##-FBA P11E: FSM4LS-FL-440LF-935K-1C-UNV-L11-C##-EM	PEERLESS ELECTRIC (CANADA)	LED PER MANUFACTURER 90 CRI, 3500K 440 LM/FT 50,000 HOURS	0-10V	120/277	5 W/FT	6 VA/FT	NOMINAL 4.0"W X 4.50"H SUSPENDED DIRECT LINEAR LED FIXTURE WITH AIRCRAFT CABLE SUSPENSION. EXTRUDED ALUMINUM HOUSING WITH DIE CAST ALUMINUM END CAPS AND HIGH EFFICIENCT LAMBERTIAN OPTIC ACRYLIC LENS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. FINISH BY ARCHITECT. FIXTURE MUST BE 4. WIDE TO FIT IN CUSTOM METAL ARMSTRONG CEILING SYSTEM. P11E: SAME AS P11 EXCEPT WITH INTEGRAL EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
2	FINELITE H04 OPEN SUSPENDED SERIES HO4-D-RO-x-H-935-OPN-277-SC-FA-OE-C4-MOD	AXIS ZEN SQUARE SERIES PINNACLE CHUTE SERIES	LED PER MANUFACTURER 90 CRI, 3500K 600 LM/FT	0-10V	120/277	7 W/FT	8 VA/FT	NOMINAL 4.0"W X 4.0"H SUSPENDED DIRECT LINEAR LED FIXTURE WITH AIRCRAFT CABLE SUSPENSION. EXTRUDED ALUMINUM HOUSING WITH DIE CAST ALUMINUM END CAPS WITH OPEN INTERIOR LENS FEATURING RECTILINEAR REFLECTOR PROVIDING UNIFORM LENS LUMINANCE. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS. FINISH BY ARCHITECT. PROVIDE WITH LENGTHS AND ONE-PIECE ILLUMINATED 90 DEGREE CORNERS PER DRAWINGS.

	MANUEACTURED / MODEL #	ADDPOVED	LIGHT FIX					
	MANUFACTURER / MODEL #	APPROVED ALTERNATES	LAMPING / LIGHT SOURCE	DIMMING TYPE	VOLT	WATTS		DESCRIPTION
R1	PRUDENTIAL LIGHTING	LEDALITE TRUGROOVE SERIES	LED PER	0-10V	120/277			NOMINAL 4-3/32"W X 5-7/16"H RECESSED LINEAR LED FIXTURE WITH FLUSH ACRYLIC LENS SUITABLE FOR PERIMETER
	BIO-PSTD-FLSH-LED35-90-PROG(440LM/FT)-	NEORAY DEFINE 3 SERIES PINNACLE EDGE EV3D SERIES	MANUFACTURER					ASYMMETRIC THROW APPLICATIONS IN HARD CEILINGS. EXTRUDED ALUMINUM HOUSING WITH PAINTED MATTE WHITE FINISH, LENGTH PER PLANS. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH CRI LEDS.
	RXX-TMW-AWL-D1R-WTW-SC-UNV-X3-DM01		90 CRI, 3500K					
			440 LM/FT 100,000 HOURS					
R2	PRUDENTIAL LIGHTING	GAMMALUX GPC 6IN SERIES	LED PER	0-10V	120/277	10 W/FT	11 VA/F	NOMINAL 13-13/32"W X 10-5/8"H LOW PROFILE LED WALL WASH FIXTURE THAT CREATES A 6" PERIMETER ARCHITECTURAL
	P59-A6-LED35-90-SO-RXX-W-SC-UNV-X1/X3B-	NEO RAY 79-PF LED SERIES PMC PER-MITTARI-SLC SERIES	MANUFACTURER		1.20.2.			SLOT WITH FLANGE FOR MOUNTING IN CEILINGS PER PLANS. FULLY CONCEALED INDIRECT LED LIGHT SOURCE. ONE-PIECE 20-GAUGE STEEL ROUGH-IN HOUSING WITH POWDER COAT MATTE SATIN WHITE FINISH AND STEEL ALIGNMENT
	DM01	FING FER-IVITTARI-SEC SERIES	90 CRI, 3500K					BRACKET, LIGHT ENGINE TO BE INSTALLED AFTER ROUGH-IN HOUSING. PROVIDE WITH 0-10V DRIVER CAPABLE OF
			675 LM/FT					100%-1% DIMMING. HIGH CRI LEDS.
		17/10 DE 11/10 DE 11/10	100,000 HOURS					
R3-#	A-LIGHT ACL5-XX-LS-35-U-LV-XP-W-D-CRI	AXIS BEAM 2 SERIES FINELITE HP-2 SERIES	LED PER MANUFACTURER	0-10V	120/277	5 W/FT	6 VA/FT	NOMINAL 2.25"W X 3.375"H RECESSED LINEAR LED FIXTURE WITH FLUSH ACRYLIC LENS. EXTRUDED ALUMINUM HOUSING WITH PAINTED MATTE WHITE FINISH, LENGTH PER PLANS. 1/2" TRIM FLANGE. PROVIDE WITH 0-10V DRIVER CAPABLE OF
	ACL3-XX-L3-33-0-LV-XF-VV-D-CRI	LEDALITE TRUGROOVE SERIES	90 CRI. 3500K					100%-1% DIMMING. HIGH CRI LEDS.
			461 LM/FT					
			60,000 HOURS					
R9	A-LIGHT	WAC LIGHTING STRUT SERIES ZANEEN HYPRO SERIES	LED PER	0-10V	120/277	100 W		RECESSED TRACK SYSTEM CAPABLE OF ACCEPTING MULTIPLE LINEAR AND SPOT LIGHT ACCESSORIES FOR DIRECT LIGHTING OF SPACE. PROVIDE SQUARE LENS DIRECT LINEAR ATTACHMENTS AND SPOT HEAD ATTACHMENTS WITH 35 DEG
	ALG5S-IJ-CR-M-U-G-B-D	ZANIBONI MINI-TRACK R SERIES	MANUFACTURER			DRIVER		BEAM ANGLES, LENGTHS AND LOCATIONS PER PLAN. 0-10V DIMMING DRIVER. BLACK FINISH.
	DDIVED: DACE I S		80 CRI, 3500K 353 LM/FT					COORDINATE ALL DRIVER LOCATIONS/ QUANTITIES PRIOR TO CONSTRUCTION.
	DRIVER: PACE LS		353 LM/F1 50.000 HOURS					
R12	FINELITE HO4 OPEN RECESSED SERIES	AXIS ZEN SQUARE SERIES	LED PER	0-10V	120/277	7 W/FT	8 VA/FT	NOMINAL 4.0"W X 4.0"H RECESSED DIRECT LINEAR LED FIXTURE WITH AIRCRAFT CABLE SUSPENSION. EXTRUDED
	HO4-R-RO-x-H-935-OPN-277-SC-SE-VF	PINNACLE CHUTE SERIES	MANUFACTURER					ALUMINUM HOUSING WITH DIE CAST ALUMINUM END CAPS WITH OPEN INTERIOR LENS FEATURING RECTILINEAR REFLECTOR PROVIDING UNIFORM LENS LUMINANCE. PROVIDE WITH 0-10V DRIVER CAPABLE OF 100%-1% DIMMING. HIGH
			90 CRI, 3500K					CRI LEDS. FINISH BY ARCHITECT. PROVIDE LENGTHS PER DRAWINGS.
			600 LM/FT					
01.5	7707	COLORIZINETICS EN SERVES	50,000 HOURS		155	1		CLO. NOMINAL 4 2/4/NAV VOILLINEAD EVTERIOR LED LIQUT EVTURE FOR ELOOP LIQUTINO ARECONTRACTOR
SL2	TROV	COLORKINETICS EW SERIES SSL COVELINE XL SERIES	LED PER	0-10V	120/277	12	14	SL2: NOMINAL 1-3/4"W X 2"H LINEAR EXTERIOR LED LIGHT FIXTURE FOR FLOOD LIGHTING APPLICATIONS WITH 120X120 DEGREE OPTICS. STAINLESS STEEL HARDWARE, UV STABILIZED POLYCARBONATE LENS, ELECTROSTATICALLY APPLIED
SL2MP	FIXTURE: L50-E-XX-12-30-90-MULT-120 0-10V DIM: LDCM-PL-120-277-010V-GR	TRAXON PROPOINT SERIES	MANUFACTURER 90 CRI, 3000K					POLYESTER POWDER COAT FINISH AND IP66 RATING. UNIVERSAL ADJUSTABLE MOUNTING. END-TO-END MOUNTING CONFIGURATION PER PLANS. FINAL LAYOUT TO BE COORDINATED WITH FINAL METAL SCRIM DETAILS. 0-10V DIMMING
	MOUNTING: MNT-L-TRKCLIP / MNT-L-ANGLOCK		90 CRI, 3000K 807 LM/FT					DRIVER.
			50,000 HOURS					
	MASKING PLATE: MP-L50-3H-##							ON WALL(S) BEING ILLUMINATED.
								SILVER FINISH.
		0.400.00.00.00.00.00.00.00.00.00.00.00.0						
SP1-X	LITHONIA LIGHTING DSX2 LED-P1-30K-T4M-MVOLT-RPA-NLTAIR2-	GARDCO PUREFORM SERIES HUBBELL VIPER SERIES	LED PER MANUFACTURER	0-10V	120/277	140	154	EXTERIOR POLE-MOUNTED LED PARKING LOT LUMINAIRE WITH TYPE IV MEDIUM OPTICS SUITABLE FOR MOUNTING ON A ROUND POLE. DARK BRONZE FINISH.
	PIRHN-DDBXD	LUMARK PREVAIL SERIES	70 CRI, 3000K					PROVIDE WITH NLIGHT AIR 2 OR EQUIVALENT WIRELESS MESH-NETWORK CONTROL SYSTEM AND BUILDING MOUNTED
			18,500 LUMENS					TRANMITTERS TO PROVIDE ADEQUATE COVERAGE PER MANUFACTURER GUIDELINES. EACH FIXTURE TO BE INDIVIDUALLY
	X' - INDICATES NUMBER OF FIXTURE HEADS,		100,000 HOURS					ADDRESSABLE AND PROVIDED WITH INTEGRAL SENSOR WITH MOTION SENSING, PHOTOCELL, AND WIRELESS TRANSMITTING CAPABILITIES. CONFIRM ADDITIONAL REQUIREMENTS WITH SEQUENCE OF OPERATIONS.
	ORIENTATION PER DRAWINGS							PROVIDE WITH 20' ROUND ALUMINUM POLE. FINISH TO MATCH LUMINAIRE.
SP2-X	LITHONIA LIGHTING	GARDCO PUREFORM SERIES HUBBELL VIPER SERIES	LED PER	0-10V	120/277	140	154	SAME AS TYPE SP1-X EXCEPT WITH TYPE 2 DISTRIBUTION AND BACKLIGHT GLARE SHIELD.
	DSX2 LED-P1-30K-T2M-MVOLT-RPA-NLTAIR2-	LUMARK PREVAIL SERIES	MANUFACTURER					
	PIRHN-DDBXD-HS		70 CRI, 3000K 18.500 LUMENS					
	X' - INDICATES NUMBER OF FIXTURE HEADS,		100,000 HOURS					
	ORIENTATION PER DRAWINGS		.55,555 1155116					
SP3	BEGA BUILDING ELEMENT SYMMETRIC	LIGMAN BENTON ROUND SERIES LUMINIS LUMIQUAD SERIES	LED PER	0-10V	120/277	40	44	NOMINAL 177-3/8"H X 8-3/4"W LED PEDESTRIAN LIGHTING ELEMENT WITH ROUND FORM FACTOR SUITABLE FOR EXTERIOR ENVIRONMENTS. STANDARD 0-10V DIMMING DRIVER. BRONZE MATTE TEXTURED POLYESTER POWDER COAT FINISH WITH
	84064-K3-BRZ	RAGNI TIGEA SERIES	MANUFACTURER					MINIMUL 3MIL THICKNESS.
			80 CRI, 3000K					
			2241 LUMENS 142.000 HOURS					
SR1	FOCAL POINT SEEM 2 RECESSED WET SERIES	FOCUM AQUAS 2 REC SERIES	LED PER	0-10V	120/277	4	5	2.5" APERATURE CONTINUOUS RECESSED LED FIXTURE WITH EXTRUDED ALUMINUM BODY SUITABLE FOR MOUNTING IN
SR1E	FSM2LWL-FL-375LF-30K-1C-UNV-LD1-XFN-CC-	MARK ARCH. SLOT 2 SERIES PMC ES NELIO SERIES	MANUFACTURER				_	EXTERIOR WET LOCATIONS. CONTINUOUS 0.20" THICK ACRYLIC LENS WATER SHIELD. MOUNTING FLANGE SUITABLE FOR NON-DRYWALL HARD CEILING APPLICATIONS. STANDARD 0-10V DIMMING DRIVER.
	xx-MOD	I MO LO INLLIO SLINIES	90 CRI, 3000K					PROVIDE WITH CUSTOM COLOR FINISH. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER.
			375 LM/FT					SR1E: PROVIDE WITH 10 WATT REMOTE MOUNT EMERGENCY BATTERY PACK CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
			50,000 HOURS					
SW1	PERFORMANCE IN LIGHTING MIMIK 10 M	LITHONIA WPX1 LED P1 SERIES	LED PER	0-10V	120/277	10	11	NOMINAL 5"H X 2.5"D X 5"W SQUARE WALL PACK WITH TYPE III DISTRIBUTION. IP65 RATED DIE CAST ALUMINUM HOUSING
SW1E	MIMIK 10M TYPE III 071729	WEEF QLS400 SERIES	MANUFACTURER					WITH SILICONE GASKET AND FLAT, TEMPERED GLASS DIFFUSER. IRON GRAY TEXTURED FINISH. SW1E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES
			70 CRI, 3000K					FOLLOWING POWER FAILURE.
			750 LUMENS					
SIMO	PERFORMANCE IN LIGHTING MIMIK 30 M	LITHONIA WPX1 LED P2 SERIES	50,000 HOURS LED PER	0-10V	120/277	36	40	NOMINAL 5"H X 2.5"D X 11"W RECTANGULAR WALL PACK WITH TYPE III DISTRIBUTION. IP65 RATED DIE CAST ALUMINUM
SW2 SW2E	MIMIK 30M TYPE III 070013	WEEF QLS400 SERIES	MANUFACTURER	0-107	120/2//	36	40	HOUSING WITH SILICONE GASKET AND FLAT, TEMPERED GLASS DIFFUSER. IRON GRAY TEXTURED FINISH.
> • • 			70 CRI, 3000K					SW2E: PROVIDE WITH REMOTE-MOUNT EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES FOLLOWING POWER FAILURE.
			2603 LUMENS					
			50,000 HOURS					
W1	FLUXWERX QUAD NARROW SERIES	ALW FB SERIES AXIS AIR SERIES	LED PER	0-10V	120/277	6	7	NOMINAL 4'-0"L X 3.5"W X 2.5"D VERTICALLY-ORIENTED WALL MOUNT LINEAR LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND FROSTED ACRYLIC LENS THAT EMITS LIGHT ON THREE SIDES. MATTE WHITE POWDER COAT FINISH.
		PRUDENTIAL SNAP SERIES	MANUFACTURER					STANDARD 0-10V DIMMING DRIVER, UNIVERSAL VOLTAGE. REFER TO ARCHITECTURAL DETAILS FOR MOUNTING HEIGHTS.
			90 CRI, 3500K 500 LM/FT					
			50,000 HOURS					
(1	HE WILLIAMS EXIT/CA SERIES	DUALLITE	LED PER	NON-DIM	120/277	5	5	UNIVERSAL RECESSED MOUNT EXIT SIGN WITH EMERGENCY BATTERY CAPABLE OF OPERATING FIXTURE FOR 90 MINUTES
	EXIT/CA-R-AF-BA-EM-SDT-WG-D	EVENLITE	MANUFACTURER					FOLLOWING POWER FAILURE. RED LETTERS. BRUSHED ALUMINUM FINISH WITH FIELD SELECTABLE CHEVRONS AND BUILT-IN TEST SWITCH. NUMBER OF FACES PER PLANS.
		LITHONIA	RED					
	•					•	_	

LIGHT FIXTURE SCHEDULE GENERAL NOTES:

- 1. ALL LIGHT FIXTURES AND RELATED COMPONENTS SHALL BE PROVIDED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
- 2. ALL LIGHT FIXTURES AND RELATED COMPONENTS SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THE BASE BID, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR OWNER FURNISHED LIGHT
- 3. ALL LIGHT FIXTURES AND RELATED COMPONENTS SHALL BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
- 4. FOR OWNER FURNISHED LIGHT FIXTURES: CONTRACTOR SHALL DESIGNATE A PRIMARY POINT OF CONTACT WITH THE OWNER'S LIGHT FIXTURE SUPPLIER TO COORDINATE AND FACILITATE THE RECEIPT, HANDLING AND REPLACEMENT OF LIGHT FIXTURES AND RELATED PARTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING, INSPECTING, STORING AND INSTALLING ALL LIGHT FIXTURES AND RELATED PARTS. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE LIGHT FIXTURE SUPPLIER OF ANY INCORRECT, DAMAGED OR MISSING LIGHT FIXTURES AND RELATED PARTS WITHIN 48 HOURS OF ON-SITE RECEIPT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT THE PROPER LIGHT FIXTURES ARE FURNISHED IN ACCORDANCE WITH THE LIGHT FIXTURE SCHEDULE AND THE APPROVED LIGHTING SUBMITTALS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL COSTS INCURRED DUE TO REPLACEMENT/REPAIR OF LIGHT FIXTURES AND RELATED PARTS AFTER ON-SITE RECEIPT. CONTRACTOR SHALL NOTIFY THE OWNER'S LIGHT FIXTURE SUPPLIER OF ANY MISSING LIGHT FIXTURES AND RELATED PARTS REQUIRED FOR PROJECT COMPLETION.
- 5. THE PARTY SUPPLYING THE LIGHT FIXTURES IS RESPONSIBLE FOR SUPPLYING THE PROPER QUANTITY OF LIGHT FIXTURES.
- 6. THE SITE LIGHTING POLES SHALL MEET THE FOLLOWING MINIMUM STANDARD: THE COMPLETE LIGHTING STANDARD AND FOOTING SHALL BE DESIGNED TO WITHSTAND 100MPH WINDS WITH A 1.3 MPH GUST FACTOR. THE POLES SHALL BE HIGH STRENGTH STEEL OR ALUMINUM AND SHALL BE NON-BREAKAWAY TYPE, UNLESS NOTED OTHERWISE. POLES OVER 20' HIGH SHALL BE FACTORY FURNISHED WITH VIBRATION DAMPENERS. POLE INSTALLATION SHALL COMPLY WITH ALL LOCAL REQUIREMENTS. POLE HEIGHTS SHALL BE FACTORY FURNISHED TO THE LENGTH LISTED IN THE LIGHT FIXTURE SCHEDULE TO ACHIEVE DESIRED HEAD MOUNTING HEIGHT. REFER TO POLE BASE DETAIL FOR ADDITIONAL INFORMATION.
- 7. LIGHT FIXTURES WIRED TO DIMMABLE CONTROLS MUST BE PROVIDED WITH ALL WIRING REQUIRED TO DIM FIXTURES.

LIGHT FIXTURE SCHEDULE SUPPLEMENTAL SPECIFICATIONS:

- 1. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBERS ONLY. FIRST READ THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS IN CONJUNCTION WITH THE CATALOG NUMBER TO DETERMINE THE MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.
- 2. FOR SUBSTITUTIONS: PROVIDE PHOTOMETRIC CALCULATIONS AND OTHER NECESSARY INFORMATION FOR ENGINEER REVIEW. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- 3. COORDINATE LIGHT FIXTURE MOUNTING HARDWARE AND TRIMS NEEDED TO SUIT CEILING CONDITIONS. LIGHT FIXTURES NEAR OR IN CONTACT WITH INSULATION SHALL COMPLY WITH CODE. MAINTAIN 3" MINIMUM WORKING CLEARANCE BETWEEN NON-IC RATED LIGHT FIXTURE HOUSINGS AND INSULATION ON ALL ADJACENT DUCTWORK, PIPING, WALLS, AND CEILINGS.
- 4. EXIT SIGNS SUBJECT TO DAMAGE, INCLUDING THOSE IN GYMNASIUMS, SHALL BE PROVIDED WITH WIRE GUARDS OR EQUIVALENT SHIELDED OR SHATTERPROOF LAMPS/LIGHT SOURCES. COORDINATE REQUIREMENTS AND AFFECTED LIGHT FIXTURES

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DOUGLAS M. EVERHART LICENSE # PE-2019007648 195000411

MO. CORPORATE NO: E-556D EXPIRES 12/31/2021 REVISIONS

PROJECT NO:

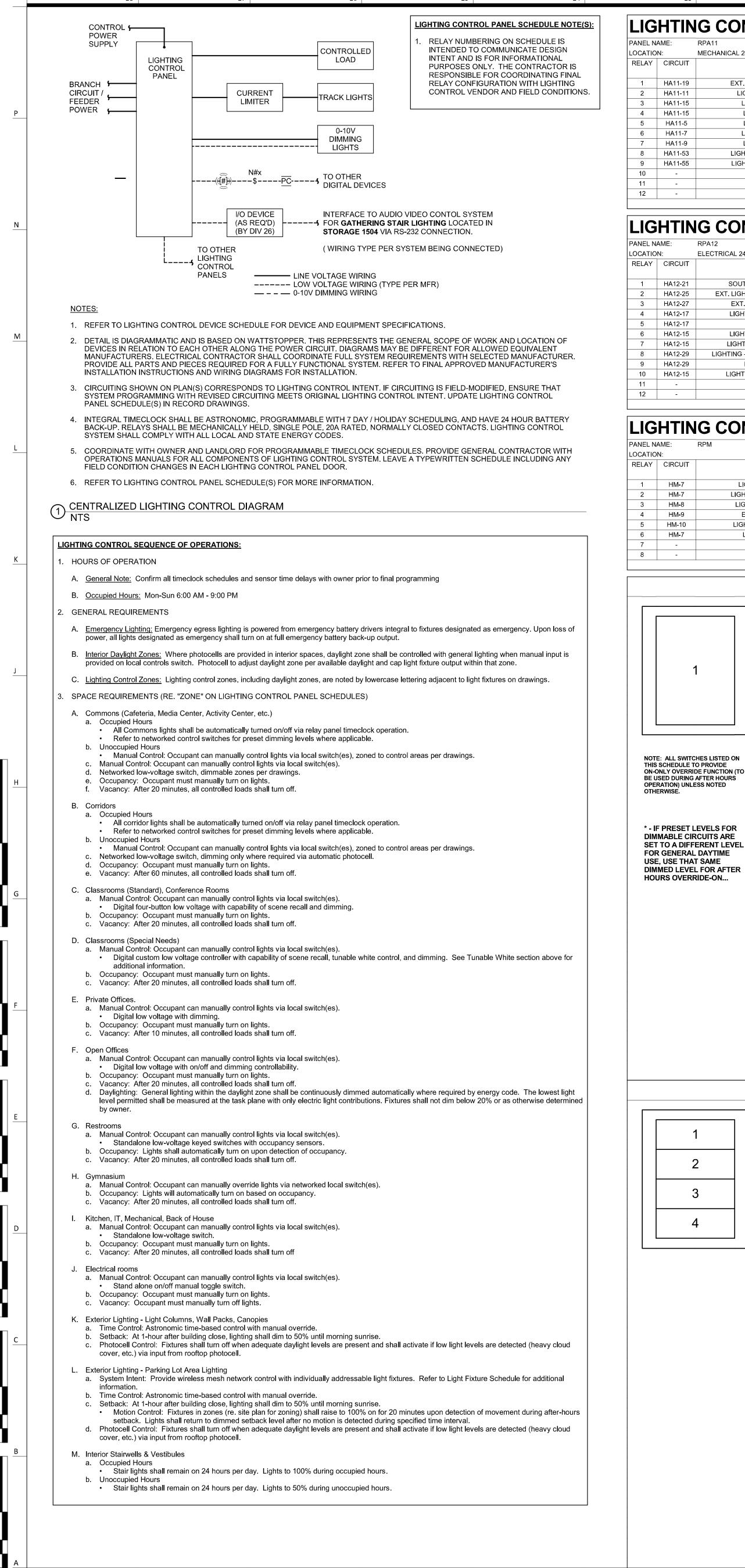
December 29, 2020

Package 2

LIGHT FIXTURE

SCHEDULE E700

DESCRIPTION



LN	AME:	RPA11	MOUNTING:	SURFACE	
TIO	N:	MECHANICAL 2414	VOLTAGE:	120 / 277	
λY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
	HA11-19	EXT. LIGHTING - A BLDG SW SCONCES	NON-DIM	RE. DWGS	K
	HA11-11	LIGHTING - HALLWAY/PORCH 2420	NON-DIM	RE. DWGS	В
	HA11-15	LIGHTING - HALLWAY 2400/2410	NON-DIM	RE. DWGS	В
	HA11-15	LIGHTING - STAIR 2110-S, 3100	0-10V	RE. DWGS	М
	HA11-5	LIGHTING - GYM 2310 - SOUTH	0-10V	RE. DWGS	Н
	HA11-7	LIGHTING - GYM 2310 - CENTER	0-10V	RE. DWGS	Н
	HA11-9	LIGHTING - GYM 2310 - NORTH	0-10V	RE. DWGS	Н
	HA11-53	LIGHTING - EXTERIOR SCRIM - LOWER	0-10V	RE. DWGS	K
	HA11-55	LIGHTING - EXTERIOR SCRIM - UPPER	0-10V	RE. DWGS	K
	-	SPARE	-	-	-
	-	SPARE	-	-	-
	-	SPARE	-	-	-

LIGHTING CONTROL PANEL SCHEDULE ELECTRICAL 2452.A VOLTAGE: 120 / 277 MODULE LOAD LOAD CONTROLLED TYPE (WATTS) SOUTH & COURTYARD LIGHT COLUMNS 0-10V RE. DWGS EXT. LIGHTING - A BLDG COURTYARD SCONCES NON-DIM RE. DWGS EXT. LIGHTING - A BLDG NE SCONCES NON-DIM RE. DWGS LIGHTING - CORRIDOR 2440, FLEX 2450 NON-DIM RE. DWGS 0-10V LIGHTING - PORCH 2440 RE. DWGS LIGHTING - CORRIDOR 2460, FLEX 2468 NON-DIM RE. DWGS LIGHTING - STAIR 2460-S1/S2, 3400-S1/S2 RE. DWGS LIGHTING - CORRIDOR 3400/20, FLEX 3413/19/29/35 NON-DIM RE. DWGS LIGHTING - PORCH 3400, 3420 0-10V RE. DWGS LIGHTING - CORRIDOR 2460 CONNECTOR 0-10V, PC RE. DWGS

SPARE

SPARE

I IC	HTIN	IG CONTROL PANEL S	SCHEDI	IIF	
LIO	1 1 1 117	O CONTINUE I ANLE	SCHED		
PANEL N	AME:	RPM	MOUNTING:	SURFACE	
LOCATIO	N:		VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
1	HM-7	LIGHTING - CORRIDOR 2137, 2200	NON-DIM	RE. DWGS	В
2	HM-7	LIGHTING - FIELDHOUSE STAIR 2137-S	0-10V	RE. DWGS	М
3	HM-8	LIGHTING - CORRIDOR 2200 COVES	NON-DIM	RE. DWGS	В
4	HM-9	EXT. LIGHTING - PAC SCONCES	NON-DIM	RE. DWGS	K
5	HM-10	LIGHTING - SOUTH STAIR CORRIDOR	NON-DIM	RE. DWGS	М
6	HM-7	LIGHTING - ART GALLERY 2121	0-10V	RE. DWGS	В
7	-	SPARE	-	-	-
8	-	SPARE	-	-	-

LABEL:

HALL OVERRIDE

RELAY PANEL:

RPA12

RELAY PANEL:

RPA11

RPA11

RPA11

FULL ON

ECO ON

DIM ON

PANEL N	AME:	RPB11	MOUNTING:	SURFACE	
LOCATIO	N:	ELECTRICAL 1619	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
1	HB11-13	CORRIDOR LIGHTING - 1610, 1640, FLEX 1614	NON-DIM	RE. DWGS	В
2	HB11-15	FRONT PORCH LIGHTING - 1610, 1640	NON-DIM	RE. DWGS	В
3	HB11-19	CORRIDOR LIGHTING - 2610, 2640	NON-DIM	RE. DWGS	В
4	HB11-21	FRONT PORCH LIGHTING - 2610, 2640	NON-DIM	RE. DWGS	В
5	HB11-17	STAIR LIGHTING - 1610 / 2610	0-10V	RE. DWGS	М
6	-	SPARE	-	-	-
7	=	SPARE	-	-	-
8	-	SPARE	-	-	-

PANEL N	AME:	RPB12	MOUNTING:	SURFACE	
LOCATIO	N:	MATERIAL STORAGE 1647	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
1	HB12-1	GREENWAY LIGHT COLUMNS	0-10V	RE. DWGS	K
2	HB12-5	LIGHTING - EAST ENTRY CANOPY	0-10V	RE. DWGS	K
3	HB12-5	LIGHTING - GREENWAY BRIDGE	0-10V	RE. DWGS	K
4	HB12-7	LIGHTING - ACTIVITY CENTER 1510	NON DIM	RE. DWGS	Α
5	HB12-7	LIGHTING - ACTIVITY CENTER 1510 PERIMETER	0-10V, PC	RE. DWGS	Α
6	HB12-7	LIGHTING - ACTIVITY CENTER 1510 NORTH DL	0-10V	RE. DWGS	Α
7	HB12-7	LIGHTING - CORRIDOR 1640	NON DIM	RE. DWGS	В
8	HB12-9	LIGHTING - ACTIVITY CENTER 1510 WEST GENERAL	NON DIM	RE. DWGS	В
9	HB12-9	LIGHTING - ACTIVITY CENTER 1510 WEST WW	0-10V	RE. DWGS	В
10	HB12-9	LIGHTING - VESTIBULE 1500-V	0-10V	RE. DWGS	М
11	-	SPARE	-	-	-
12	-	SPARE	-	-	-

PANEL N	AME:	RPB13	MOUNTING:	SURFACE	
LOCATIO	N:	ELECTRICAL 1753	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
1	HB13-19	CORRIDOR LIGHTING - NORTH	NON-DIM	RE. DWGS	В
2	HB13-21	CORRIDOR LIGHTING - WEST, SOUTH, EAST	NON-DIM	RE. DWGS	В
3	HB13-1	EXT. LIGHTING - B BLDG NORTHEAST SCONCES	NON-DIM	RE. DWGS	K
4	HB13-3	EXT. LIGHTING - B BLDG NORTHWEST SCONCES	NON-DIM	RE. DWGS	K
5	HB13-5	EXT. LIGHTING - NORTH COURTYARD SCONCES	NON-DIM	RE. DWGS	K
6	HB13-19	FRONT PORCH, DISPLAY LIGHTING - NORTH	0-10V	RE. DWGS	В
7	HB13-11	NORTH GYM LIGHTING - WEST	-	-	-
8	=	NORTH GYM LIGHTING - CENTER	-	-	-
9	-	NORTH GYM LIGHTING - EAST	-	-	=
10	-	NORTH GYM LIGHTING - MEZZANINE	-	-	-
11	-	NORTH GYM LIGHTING - STAGE	-	-	-
12	-	SPARE	-	-	_

		\$N1a:				\$N1b:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPB13	1,6 - 100% ON*	1:	HALL OVERRIDE	RPB13	2 - 100% ON*
		SWITCH TAG:				SWITCH TAG:	
		\$N1c:				\$N1d:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPB11	1,2 - 100% ON*	1:	HALL OVERRIDE	RPB12	9 - 60%, 5,7,8 - 100% ON
		SWITCH TAG:				SWITCH TAG:	
		\$N1e:				\$N1f:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPB11	3,4 - 100% ON*	1:	LIBRARY OVERRIDE	RPB22	1,2,5 - 100% ON*
		SWITCH TAG:				SWITCH TAG:	
		\$N1g:				\$N1h:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPB22	13 - 60%, 7,12,14 - 100% ON*	1:	HALL OVERRIDE	RPC22	17 - 100% ON*
		SWITCH TAG:				SWITCH TAG:	
		\$N1i:				\$N1j:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPC22	4,22 - 60%, 2,3,6,7,21 - 100% ON*	1:	HALL OVERRIDE	RPC22	4 - 60%, 9-11,15 - 100% ON
		SWITCH TAG:				SWITCH TAG:	
		\$N1k:				\$N1L:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPC11	1 - 100% ON*	1:	HALL OVERRIDE	RPM	1,3,6 - 100% ON*
		SWITCH TAG:				SWITCH TAG:	
		\$N1m:				\$N1n:	
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:
1:	HALL OVERRIDE	RPA11	3 - 100% ON*	1:	HALL OVERRIDE	RPA11	2 - 100% ON*
		SWITCH TAG:				SWITCH TAG:	
		\$N1o:				\$N1p:	

ONE-BUTTON WALL STATION

			SWITCH TAG:				SWITCH TAG:	
1	\$N4a:						\$N4b:	
	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	
	1:	FULL ON	RPB22	1,2,5 - 100%	1:	FULL ON	RPB12	
	2:	ECO ON	RPB22	1,2,5 - 40%	2:	ECO ON	RPB12	Ç
	3:	DIM ON	RPB22	1,2,5 - 1%	3:	DIM ON	RPB12	
	4:	AV MODE	RPB22	1,2,5 - 100%, 8,9 - 10%, 10 - 0% (OFF)	4:	AV MODE	RPB12	
3					4.	AV MODE	RPB22	
	SWITCH TAG:						SWITCH TAG:	
4	\$N4c: ACTIVITY CENTER 2520			TER 2520	\$N4d: MEDIA			
	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	
	1:	FULL ON	RPB22	3,4 - 100%	1:	FULL ON	RPB22	
	2:	ECO ON	RPB22	3,4 - 40%	2:	ECO ON	RPB22	
	3:	DIM ON	RPB22	3,4 - 1%	3:	DIM ON	RPB22	
	4:	AV MODE	RPB22	3 - 1%, 4 - 20%	4:			
			SWITCH TAG:				SWITCH TAG:	
		\$1	N4e: HEART 2		\$N	14f: CAFETERIA	1110	
	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	
	1:	FULL ON	RPC22	12,13 - 100%	1:	FULL ON	RPC11	
	2:	ECO ON	RPC22	12 - 40%, 13 - 60%	2:	ECO ON	RPC11	(
	3:	DIM ON	RPC22	12 - 1%, 13 - 10%	3:	DIM ON	RPC11	
	4:				4:			

RELAY(S) - ACTION:

FOUR-BUTTON WALL STATION

4,5,6,10 - 100% ON*

		SWITCH TAG:				SWITCH TAG:		
	\$N4	4g: NORTH GYM	1750	\$N4h: FIELDHOUSE 2150				
BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	BUTTON:	LABEL:	RELAY PANEL:	RELAY(S) - ACTION:	
1:	FULL ON	RPB13	7,8,9,10 - 100%, 11 - 50%	1:	FULL ON	RP2G	3-18,21,22 - 100%, 1,2,19,20,23,24 - 50%	
2:	ECO ON	RPB13	7,8,9,10 - 40%, 11 - 20%	2:	ECO ON	RP2G	3-18,21,22 - 40%, 1,2,19,20,23,24 - 20%	
3:	DIM ON	RPB13	7,8,9,10 - 5%, 11 - 2%	3:	DIM ON	RP2G	3-18,21,22 - 5%, 1,2,19,20,23,24 - 2%	
4:	AV MODE	RPB13	7,8,9,10 - 1%, 11 - 0% (OFF)	4:				
		SWITCH TAG:						
	\$N	4i: SOUTH GYM	2310					

RELAY(S) - ACTION:

7,8,9,10 - 100%, 11 - 50%

7,8,9,10 - 40%, 11 - 20%

7,8,9,10 - 5%, 11 - 2%

PANEL NAME: LOCATION:		RPB22	MOUNTING:	SURFACE	
		ELECTRICAL 2521	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE TYPE	LOAD (WATTS)	ZON
1	HB22-4	LIGHTING - LIBRARY 2510	0-10V	RE. DWGS	Α
2	HB22-6	LIGHTING - FLEX 2513-2516	0-10V	RE. DWGS	Α
3	HB22-8	LIGHTING - ACTIVITY CENTER 2520 - GENERAL	0-10V, PC	RE. DWGS	Α
4	HB22-8	LIGHTING - ACTIVITY CENTER 2520 - TV AREA	0-10V	RE. DWGS	Α
5	HB22-8	LIGHTING - LIBRARY 2510 PERIMETER	0-10V, PC	RE. DWGS	Α
6	HB22-8	LIGHTING - STAIR 2640	0-10V	RE. DWGS	М
7	HB22-6	LIGHTING - DISPLAY CASE 2511	0-10V	RE. DWGS	В
8	HB22-10	LIGHTING - LEARNING STAIR REAR P6	0-10V	RE. DWGS	М
9	HB22-10	LIGHTING - LEARNING STAIR MAIN	0-10V	RE. DWGS	М
10	HB22-10	LIGHTING - LEARNING STAIR PROJECTOR	0-10V	RE. DWGS	М
11	HB22-10	LIGHTING - MEDIA 2510	0-10V	RE. DWGS	Α
12	HB22-7	LIGHTING - INNOVATION WAY GENERAL	NON-DIM	RE. DWGS	В
13	HB22-9	LIGHTING - INNOVATION WAY WEST WALLWASH	0-10V	RE. DWGS	В
14	HB22-9	LIGHTING - INNOVATION WAY EAST WALLWASH	0-10V	RE. DWGS	В
15	HB22-7	EXT. LIGHTING - TERRACE SCONCES	NON-DIM	RE. DWGS	K
16	-	SPARE	-	-	-
17	-	SPARE	-	-	-
18	-	SPARE	-	-	-
19	-	SPARE	-	-	-
20	-	SPARE	-	-	-
21	-	SPARE	-	-	-
22	-	SPARE	-	-	-
23	-	SPARE	-	-	_

PANEL N	AME:	RPC11	MOUNTING:	SURFACE		
LOCATION:		ELECTRICAL 1153	VOLTAGE:	120 / 277		
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZC	
			TYPE	(WATTS)		
1	HC11-3	LIGHTING - FIELDHOUSE (FH) LOBBY	NON-DIM	RE. DWGS		
2	HC11-3	LIGHTING - FIELDHOUSE STAIRS 2150-S1/S2	0-10V	RE. DWGS		
3	HC11-5	LIGHTING - CAFETERIA PENDANTS NORTH	NON-DIM	RE. DWGS		
4	HC11-7	LIGHTING - CAFETERIA PENDANTS SOUTH	NON-DIM	RE. DWGS		
5	HC11-9	LIGHTING - CAFETERIA RECESSED PERIMETER	NON-DIM	RE. DWGS		
6	HC11-9	LIGHTING - CAFETERIA WALLWASH	0-10V	RE. DWGS		
7	HC11-9	LIGHTING - CORRIDOR 1120	NON-DIM	RE. DWGS		
8	-	SPARE	-	-		
9	-	SPARE	-	-		
10	-	SPARE	-	-		
11	-	SPARE	-	-		
12	-	SPARE	-	-		

PANEL NAME: LOCATION:		RPC22	MOUNTING:	SURFACE	
		ELECTRICAL 2026	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZON
			TYPE	(WATTS)	
1	HC22-4	WEST LIGHT COLUMNS	0-10V	RE. DWGS	K
2	HC22-8	LIGHTING - CORR. 2130 GENERAL NORTH	NON-DIM	RE. DWGS	В
3	HC22-8	LIGHTING - CORR. 2130 GENERAL SOUTH	0-10V, PC	RE. DWGS	В
4	HC22-10	LIGHTING - CORR. 2130 WALLWASH	0-10V	RE. DWGS	В
5	HC22-8	LIGHTING - CORR. 2130 FH ENTRY STAIR	0-10V	RE. DWGS	М
6	HC22-8	LIGHTING - CORR. 2130 FH ENTRY GENERAL	0-10V	RE. DWGS	В
7	HC22-8	LIGHTING - CORR. 2130 FH ENTRY WALLWASH	0-10V	RE. DWGS	В
8	_	SPARE	-	-	-
9	HC22-14	LIGHTING - CORRIDOR 2110 GENERAL	0-10V, PC	RE. DWGS	В
10	HC22-14	LIGHTING - HEART N. CORRIDOR 2110	NON-DIM	RE. DWGS	В
11	HC22-14	LIGHTING - HEART N. CORRIDOR WW 2110	0-10V	RE. DWGS	В
12	HC22-16	LIGHTING - HEART 2100 GENERAL	0-10V	RE. DWGS	Α
13	HC22-16	LIGHTING - HEART 2100 WALLWASH	0-10V	RE. DWGS	А
14	HC22-16	LIGHTING - HEART 2100 STAIR	0-10V	RE. DWGS	M
15	HC22-14	LIGHTING - CORRIDOR 2110 SOUTH	NON-DIM	RE. DWGS	В
16	-	SPARE	-	-	-
17	HC22-18	LIGHTING - ADMIN LVL 1, LVL 2 CORRIDORS	NON-DIM	RE. DWGS	В
18	HC22-18	LIGHTING - ADMIN LVL 2 STAIR 2004-S	0-10V	RE. DWGS	M
19	HC22-18	LIGHTING - ADMIN LVL 2 VESTIBULE 2000	0-10V	RE. DWGS	M
20	HC22-18	LIGHTING - ADMIN LVL 2 VEST. 2000 EXTERIOR	0-10V	RE. DWGS	K
21	HC22-20	LIGHTING - CORRIDDOR 1100 GENERAL	NON-DIM	RE. DWGS	В
22	HC22-20	LIGHTING - CORRIDOR 1100 WALLWASH	0-10V	RE. DWGS	В
23	HC22-20	LIGHTING - VESTIBULE 1100-V	0-10V	RE. DWGS	N
24	HC22-20	EXT. LIGHTING - FIELDHOUSE SCONCES	NON-DIM	RE. DWGS	K
					_

PANEL N	AME:	RP2G	MOUNTING:	SURFACE	
LOCATIO	N:	MECHANICAL 3054	VOLTAGE:	120 / 277	
RELAY	CIRCUIT	LOAD CONTROLLED	MODULE	LOAD	ZONE
			TYPE	(WATTS)	
1	LC2G-1	LIGHTING - FIELDHOUSE 1	0-10V	RE. DWGS	Н
2	LC2G-3	LIGHTING - FIELDHOUSE 2	0-10V	RE. DWGS	Н
3	LC2G-5	LIGHTING - FIELDHOUSE 3	0-10V	RE. DWGS	Н
4	LC2G-7	LIGHTING - FIELDHOUSE 4	0-10V	RE. DWGS	Н
5	LC2G-9	LIGHTING - FIELDHOUSE 5	0-10V	RE. DWGS	Н
6	LC2G-11	LIGHTING - FIELDHOUSE 6	0-10V	RE. DWGS	Н
7	LC2G-13	LIGHTING - FIELDHOUSE 7	0-10V	RE. DWGS	Н
8	LC2G-15	LIGHTING - FIELDHOUSE 8	0-10V	RE. DWGS	Н
9	LC2G-17	LIGHTING - FIELDHOUSE 9	0-10V	RE. DWGS	Н
10	LC2G-19	LIGHTING - FIELDHOUSE 10	0-10V	RE. DWGS	Н
11	LC2G-21	LIGHTING - FIELDHOUSE 11	0-10V	RE. DWGS	Н
12	LC2G-23	LIGHTING - FIELDHOUSE 12	0-10V	RE. DWGS	Н
13	LC2G-25	LIGHTING - FIELDHOUSE 13	0-10V	RE. DWGS	Н
14	LC2G-27	LIGHTING - FIELDHOUSE 14	0-10V	RE. DWGS	Н
15	LC2G-29	LIGHTING - FIELDHOUSE 15	0-10V	RE. DWGS	Н
16	LC2G-31	LIGHTING - FIELDHOUSE 16	0-10V	RE. DWGS	Н
17	LC2G-37	LIGHTING - FIELDHOUSE 17	0-10V	RE. DWGS	Н
18	LC2G-39	LIGHTING - FIELDHOUSE 18	0-10V	RE. DWGS	Н
19	LC2G-2	LIGHTING - FIELDHOUSE 19	0-10V	RE. DWGS	Н
20	LC2G-4	LIGHTING - FIELDHOUSE 20	0-10V	RE. DWGS	Н
21	LC2G-6	LIGHTING - FIELDHOUSE 21	0-10V	RE. DWGS	Н
22	LC2G-8	LIGHTING - FIELDHOUSE 22	0-10V	RE. DWGS	Н
23	LC2G-10	LIGHTING - FIELDHOUSE 23	0-10V	RE. DWGS	Н
24	LC2G-12	LIGHTING - FIELDHOUSE 24	0-10V	RE. DWGS	Н
25	ı	SPARE	-	-	-
26	-	SPARE	-	-	-
27	-	SPARE	-	-	_
28	-	SPARE	-	-	
29	-	SPARE	-	-	-
30	-	SPARE	-	-	-
31	ı	SPARE	-	-	-

MODULE TYPE LEGEND:	
ELV = ELECTRONIC LOW VOLTAGE DIMMING	0-10V = 0-10V DIMMING
MLV = MAGNETIC LOW VOLTAGE DIMMING	2-WIRE = 2-WIRE DIMMING
NON-DIM = SWITCHING ONLY LOAD (NO DIMMING)	3-WIRE = 3-WIRE DIMMING
PC = CONTROL VIA NETWORKED PHOTOCELL	DMX = COLOR CHANGING DIMMING

(VB) = PROVIDE VOLTAGE BARRIER BETWEEN SECTIONS

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Dec 28 2020 DOUGLAS M. EVERHART LICENSE # PE-2019007648

MO. CORPORATE NO: E-556D EXPIRES 12/31/2021 REVISIONS

DESCRIPTION

PROJECT NO:

0119-0100 December 29, 2020

Package 2

LIGHTING CONTROLS -

NETWORKED

Issued for Construction

13

LABEL:

HALL OVERRIDE

RELAY PANEL:

RPA12

RELAY(S) - ACTION:

8,9 - 100% ON*

RELAY(S) - ACTION:

9 - 60%, 4,5,7,8 - 100%

9 - 60%, 4,7,8 - 40%, 5 - 100% 9 - 60%, 4.7.8 - 1%, 5 - 100% 9 - 60%, 4,5,7,8 - 100%

8,9 - 10%, 10 - 0% (OFF)

RELAY(S) - ACTION:

11 - 40%

11 - 1%

RELAY(S) - ACTION:

3,4 - 40%, 5,6 - 60%, 7 - 100%

3,4 - 1%, 5,6 - 10% 7 - 100%