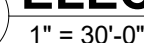


NOT TO SCALE

E-201



1

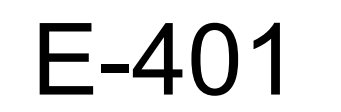
0 20' 40' 80'

SCALE: 1" = 40'-0"

NORTH

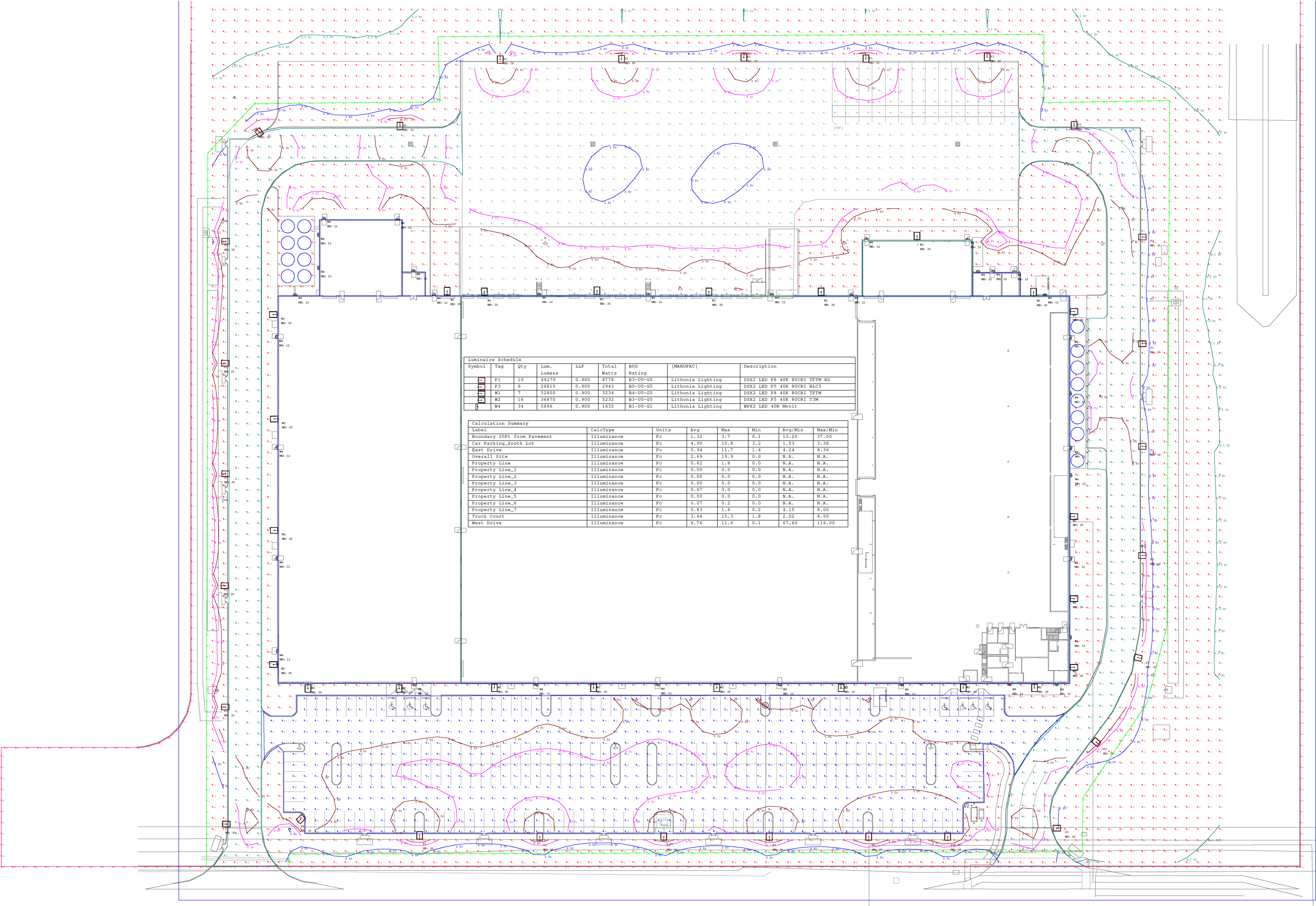
KEY PLAN

NTS



Autodesk Docs://137b-25-01 Axium Packaging/137b-25-01 Warehouse Expansion SAE025.rvt

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Luminaire Schedule							
Symbol	Tag	Qty	Lum.	LFP	Total Watts	BWG Rating	Description
P1	19	44219	0.900	8778	81-00-05	Lithonia Lighting	DSX2 LED P8 40K 80CRI TFFPM S8
P3	9	26815	0.900	2943	80-00-05	Lithonia Lighting	DSX2 LED P5 40K 80CRI BUC3
W1	7	52600	0.900	5234	84-00-05	Lithonia Lighting	DSX2 LED S8 40K 80CRI TFFPM
W2	16	36870	0.900	5232	81-00-05	Lithonia Lighting	DSX2 LED P5 40K 80CRI T3M
W4	34	5896	0.900	1432	81-00-01	Lithonia Lighting	WPX2 LED 40K Revolt

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Boundary 20ft from Rampment	Illuminance	Fc	1.32	3.7	0.1	13.20	37.00
Car Parking_South Lot	Illuminance	Fc	0.90	10.8	3.2	1.53	3.38
East Drive	Illuminance	Fc	5.94	11.7	1.4	4.24	8.36
Overall Site	Illuminance	Fc	0.59	19.9	0.0	N.A.	N.A.
Property Line	Illuminance	Fc	0.62	1.8	0.0	N.A.	N.A.
Property Line_1	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_2	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_3	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_4	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_5	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_6	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Property Line_7	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Truck Court	Illuminance	Fc	3.64	10.3	1.8	2.02	8.50
West Drive	Illuminance	Fc	0.76	11.4	0.1	87.40	114.50

GENERAL SHEET NOTES

- A. ALL BUILDING AND PARKING LOT LIGHTS WILL BE DOWNCAST, UNLESS DECORATIVE AS APPROVED BY THE PLANNING DEPARTMENT

PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

PROJECT FOR
PEAK CONSTRUCTION

GENERAL NOTES

CONSULTANT:

SOLUTIONS AEC
OPTIMIZING THE BUILT ENVIRONMENT
10024 Office Center Avenue
Suite 201
St. Louis, MO 63128
(314) 966-6299
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DATE	REVISION
2026-04-17	PERMIT

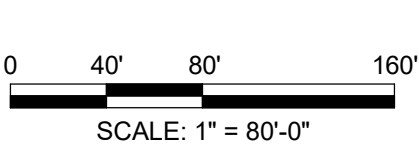
PROJECT NO: 267020
DRAWN BY: SOM
CHECKED BY: KMK

SHEET NAME
SITE PLAN PHOTOMETRIC

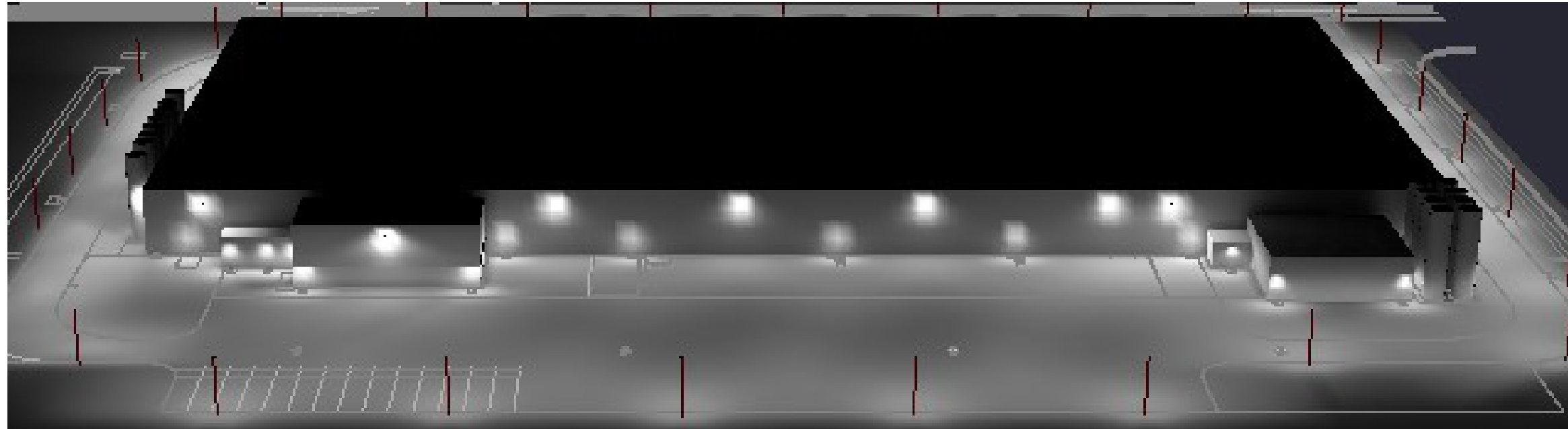


SHEET NUMBER
E-501

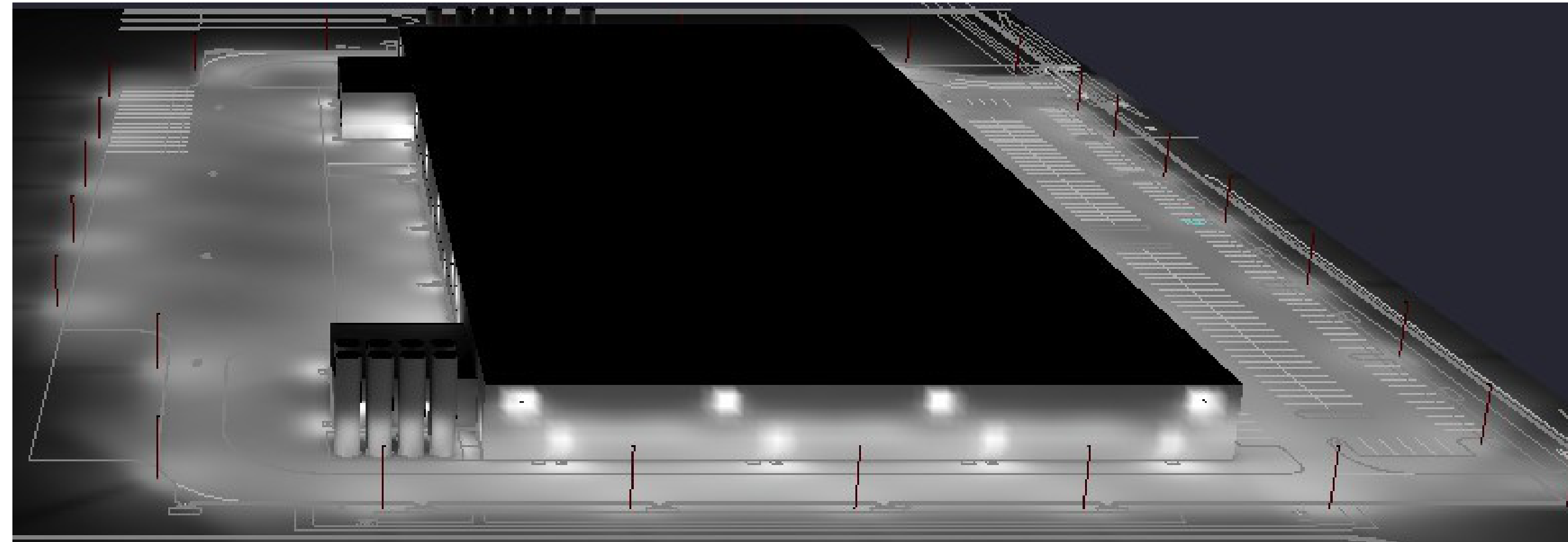
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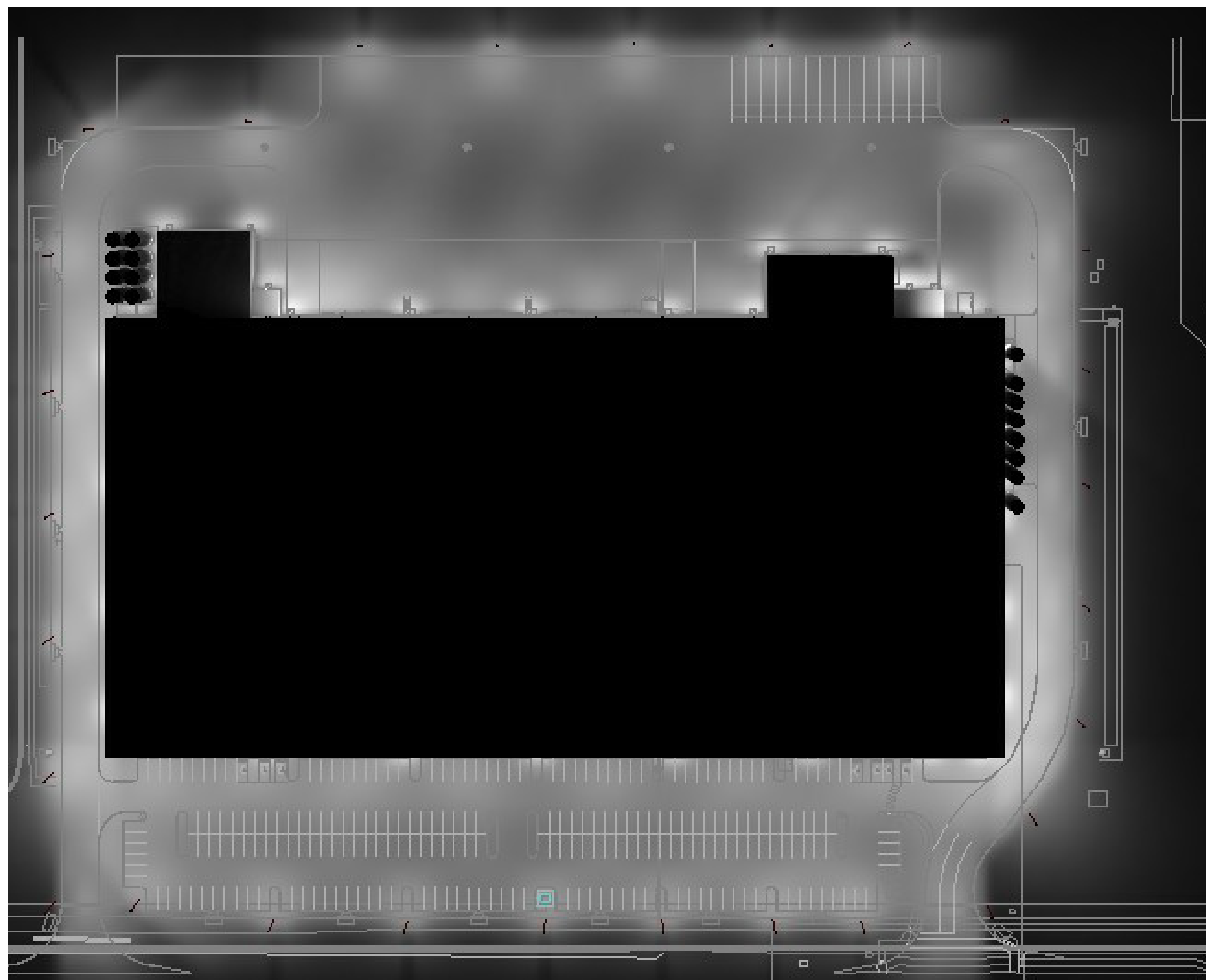
ALL BUILDING AND PARKING LOT LIGHTS WILL BE DOWNCAST, UNLESS
DECORATIVE AS APPROVED BY THE PLANNING DEPARTMENT



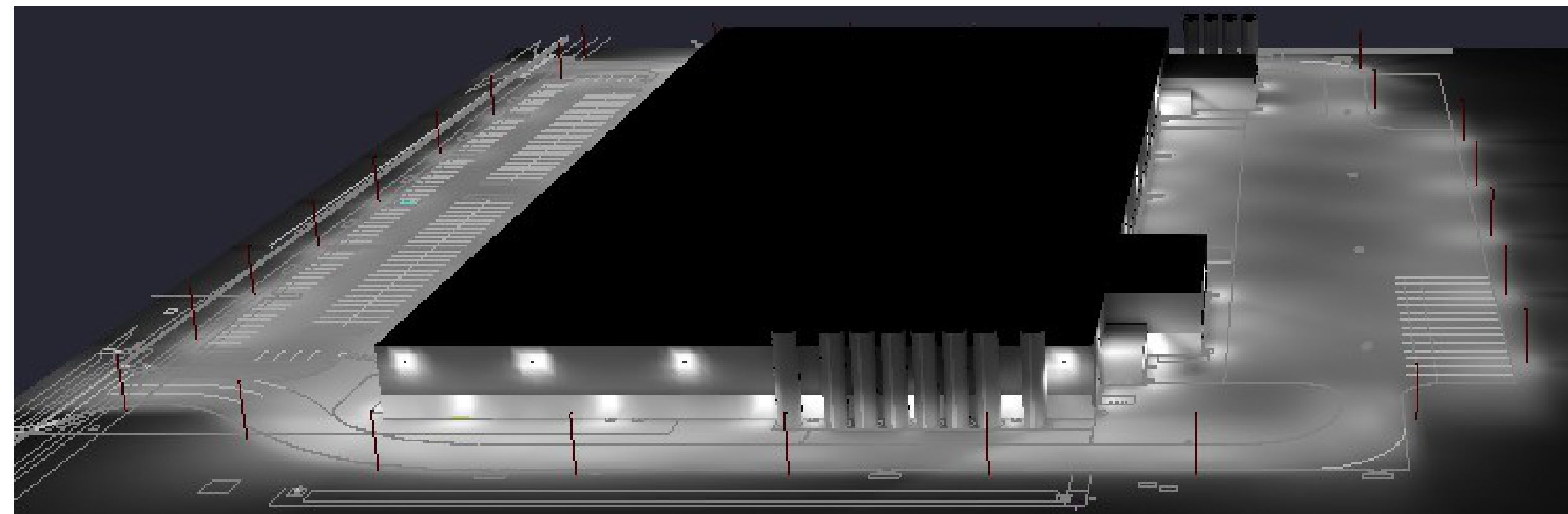
VIEW LOOKING SOUTH



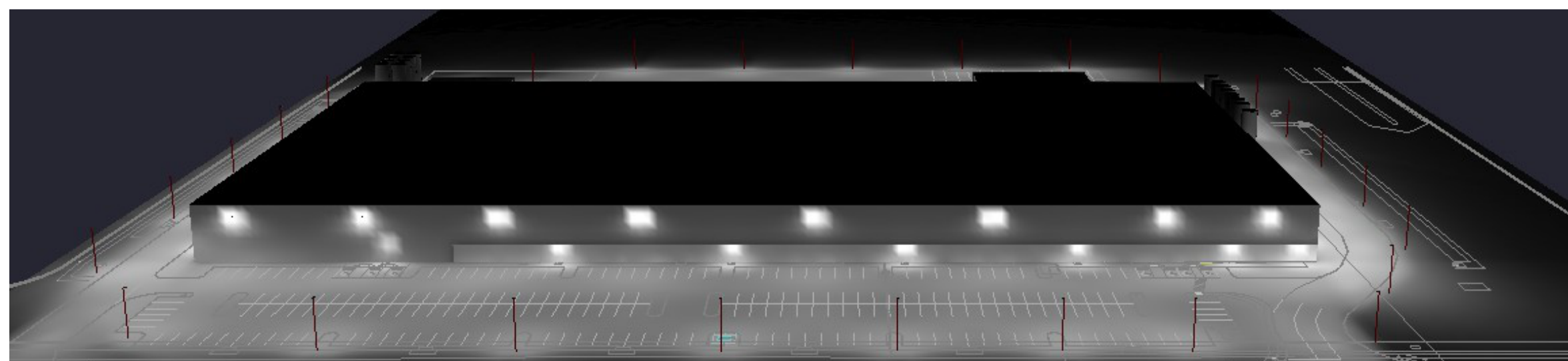
VIEW LOOKING EAST



PLAN VIEW



VIEW LOOKING WEST



VIEW LOOKING NORTH

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PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR
PEAK CONSTRUCTION~~

GENERAL NOTES

CONSULTANT:

[illegible]

PROJECT NO:	267020
DRAWN BY:	SOM
CHECKED BY:	KMK

SHEET NAME

SHEET NAME

SITE

SITE PHOTOMETRIC ELEVATIONS

SEAL	SHEET NUMBER
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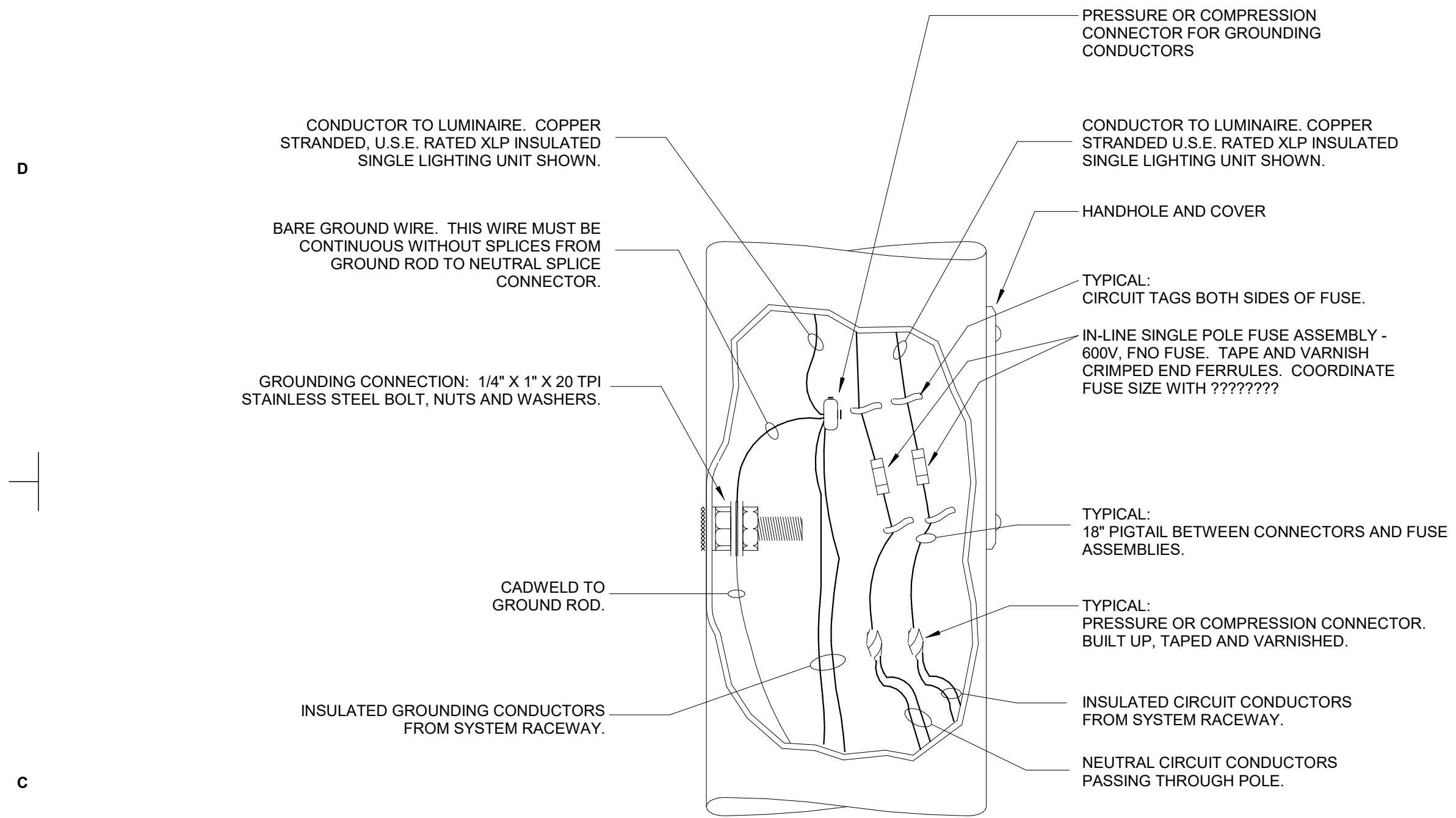
E-502

04/17/2026
LICENSE EXPIRES 12/31/2026

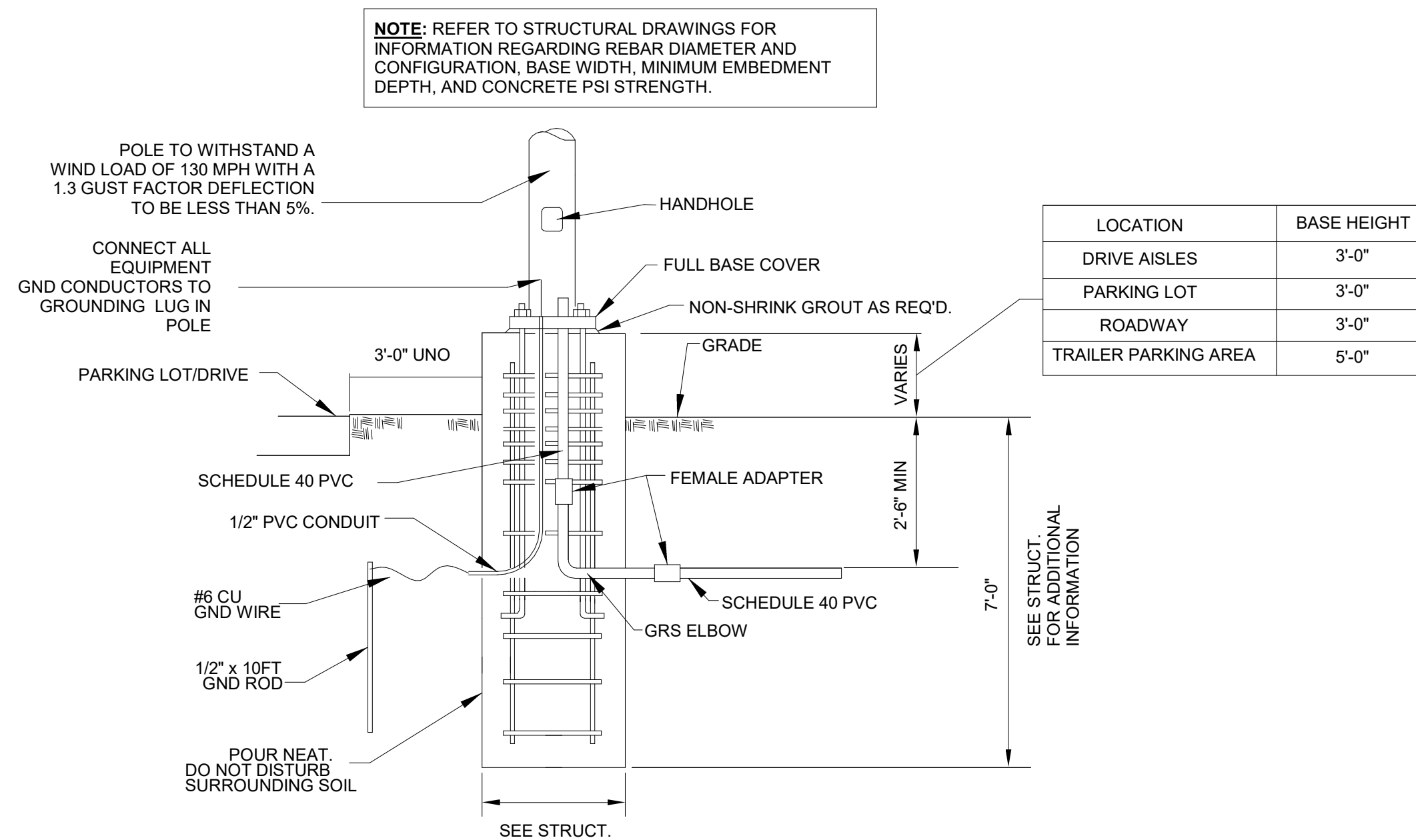
Autodesk Docs://1378-25-01 Axiom Packaging/1378-25-01 Warehouse Expansion SAEC25.mv

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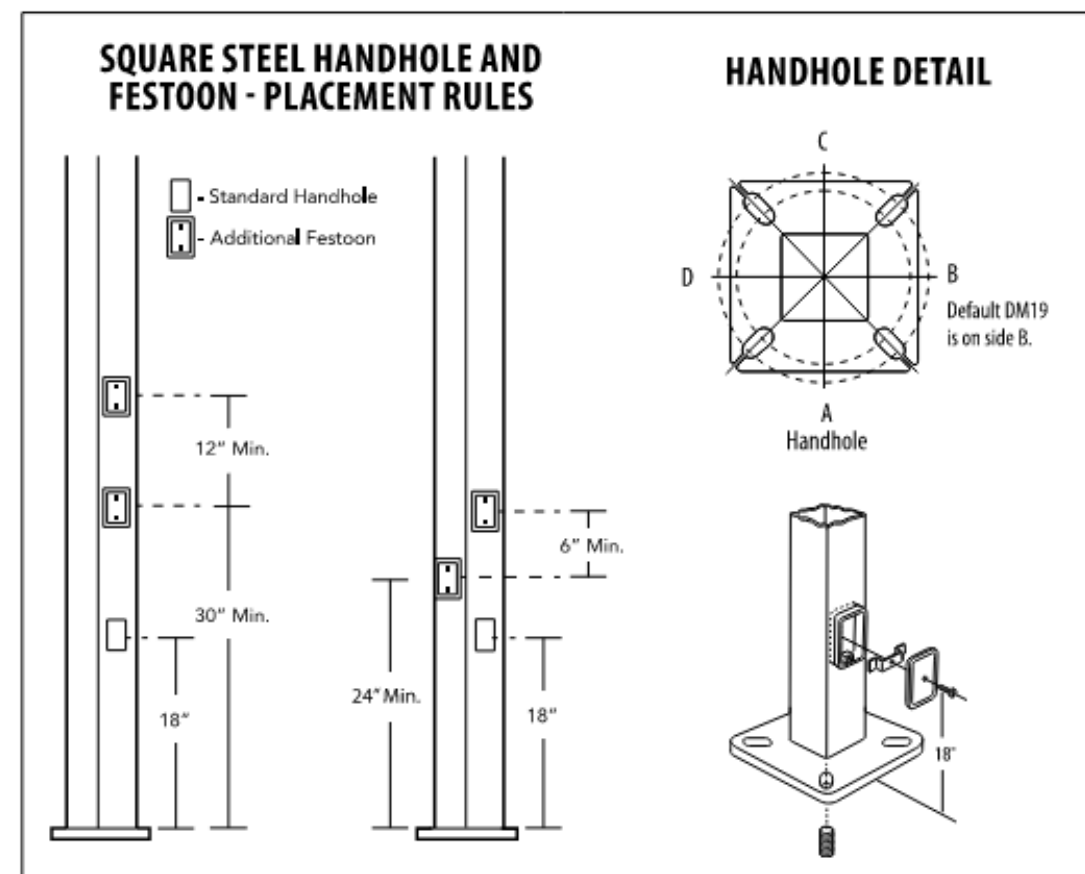
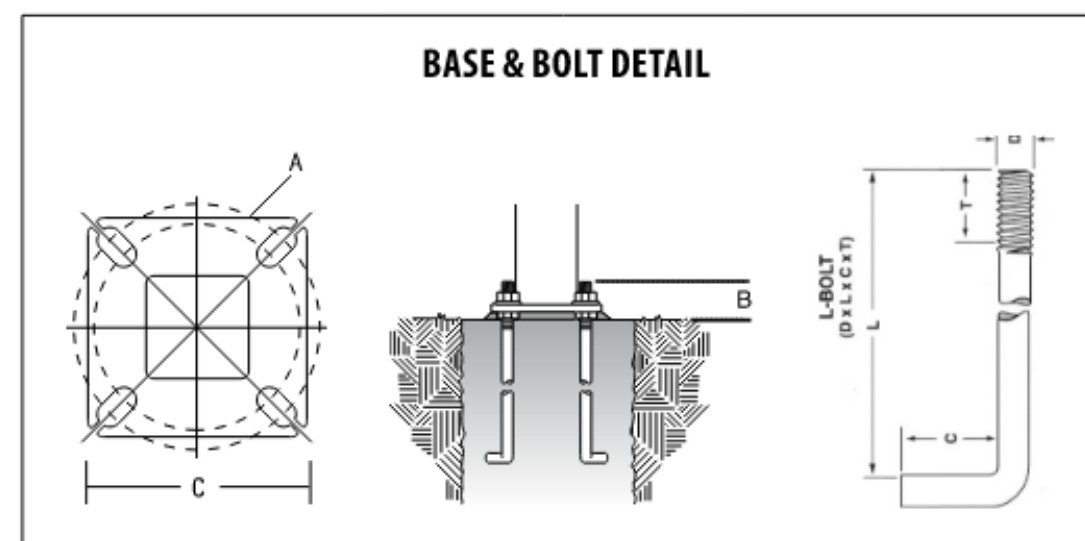
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1 LIGHTING POLE WIRING DETAIL



2 LIGHTING POLE BASE DETAIL



SITE POLE (SQUARE STRAIGHT STEEL - LITHONIA)



D-Series Size 2

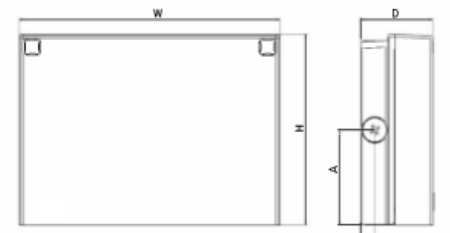
Legacy LED Area Luminaire



WPX LED Wall Packs



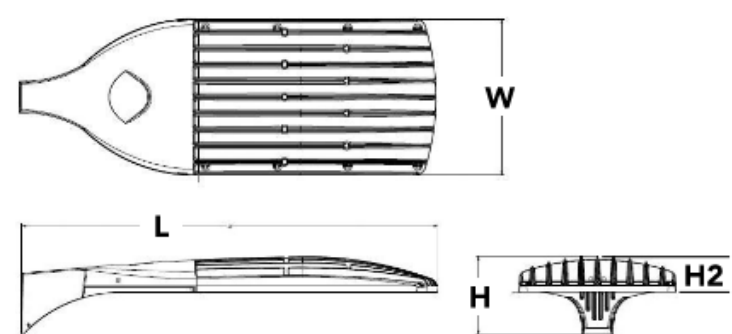
Specifications



Front View Side View

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

SITE FIXTURE TYPE W4



Specifications

EPA:	1.1 ft ² (0.10 m ²)
Length:	40" (101.6 cm)
Width:	15" (38.1 cm)
Height 1:	7-1/4" (18.4 cm)
Height 2: (max):	3.5"
Weight:	36lbs

SITE FIXTURE TYPES P1, P3, W1, W2

3 SITE LIGHTING FIXTURES

PROJECT TITLE

AXIUM BTS EXPANSION - ST.
PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR
PEAK CONSTRUCTION~~

GENERAL NOTES

LOCATION	BASE HEIGHT
DRIVE AISLES	3'-0"
PARKING LOT	3'-0"
ROADWAY	3'-0"
TRAILER PARKING AREA	5'-0"

SEE STRUCT.
FOR ADDITIONAL
INFORMATION

CONSULTANT:

[illegible]

PROJECT NO:	267020
DRAWN BY:	SOM
CHECKED BY:	KMK
SHEET NAME	

SITE LIGHTING DETAILS

SEAL	SHEET NUMBER
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E-503

ALL BUILDING AND PARKING LOT LIGHTS WILL BE DOWNCAST, UNLESS DECORATIVE AS APPROVED BY THE PLANNING DEPARTMENT

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	MOUNTING HEIGHT	LAMP	VOLT	WATT	MFR	CATALOG NUMBER	COUNT	NOTE
HBE	LED HIGH BAY 36K LUMEN	UNIVERSAL		LED	277	218	LITHONIA	IBG 36000LM SEF AFL GND 277 GZ10 40K 80 CRI LSXR6	8	
HB	LED HIGH BAY 36K LUMEN, WITH BATTERY BACKUP	UNIVERSAL		LED	277	218	LITHONIA	IBG 36000LM SEF AFL GND 277 GZ10 40K 80 CRI LSXR6, IE20WCPHE	4	
HBP	LED HIGH BAY (PRODUCTION) 48K LUMEN	UNIVERSAL		LED	277	284	LITHONIA	IBG 48000LM SEF AFL GND 277 GZ10 40K 80 CRI LSXR6	35	
HBPE	LED HIGH BAY (PRODUCTION) 48K LUMEN, WITH BATTERY BACKUP	UNIVERSAL		LED	277	284	LITHONIA	IBG 48000LM SEF AFL GND 277 GZ10 40K 80 CRI LSXR6, IE20WCPHE	10	
W1	D-SERIES SIZE 2 AREA LUMINAIRE (MTD. @30'-0" AFF)	SURFACE WALL		LED	277	50	LITHONIA	DSX2 LED P8 40K 80CRI T17M MVOLT WBA DBLXD	6	
W2	D-SERIES SIZE 2 AREA LUMINAIRE (MTD. @30'-0" AFF)	SURFACE WALL		LED	277	50	LITHONIA	DSX2 LED P5 40K 80CRI T3M MVOLT WBA DBLXD	3	
WAE	EXTERIOR WALL PACK	SURFACE WALL		LED	277	11	LITHONIA	WPX2 LED 40K MVOLT E14WC DBLXD	7	
XEC	WHITE LED SINGLE FACED EXIT SIGN WITH RED LETTERS, REMOTE HEADS, AND CHEVRON ARROWS AS SHOWN ON PLANS	UNIVERSAL		LED	277	1	LITHONIA	ECRG HO RD M6	16	

GENERAL NOTES:

- A. PROVIDE LIGHT FIXTURES WHICH ARE UL LISTED FOR DAMP OR WET LOCATIONS WHERE APPLICABLE.
- B. VERIFY ALL MOUNTING CONDITIONS, LOCATIONS, AND RECESS DEPTHS PRIOR TO ORDERING FIXTURES.
- C. VERIFY CEILING TRYING COORDINABILITY BEFORE ORDERING FIXTURES.
- D. PROVIDE FIXTURES UL LISTED FOR CONTACT FOR INSULATION WHERE NECESSARY.
- E. MANUFACTURER/MODEL NUMBERS SHOWN IN THE SCHEDULE ARE PROVIDED IN ORDER TO ESTABLISH DESIGN INTENT AND MINIMUM QUALITY STANDARDS. PHYSICAL CHARACTERISTICS AND PERFORMANCE. FIXTURES OF EQUAL QUALITY MAY BE SUBSTITUTED FOR APPROVAL. PROVIDE SUBSTITUTED PHOTOMETRIC FILES FOR ALL SUBSTITUTED LIGHT FIXTURES.
- F. ALL INTERIOR LIGHT FIXTURES SHALL BE 4000K, HAVE A MINIMUM COLOR RENDERING INDEX (CRI) OF 80 AND A MINIMUM POWER FACTOR OF 0.9.
- G. ALL EXTERIOR LIGHT FIXTURES SHALL BE PROVIDED AT 4000K. ENSURE THAT ALL EXTERIOR WALL PENETRATIONS ARE FULLY SEALED TO MAINTAIN AIR BARRIER. COORDINATE WITH ARCHITECTURAL AS REQUIRED.
- H. PROVIDE EMERGENCY LIGHTS WITH INTEGRAL BATTERY PACKS.
- I. COORDINATE ALL COLOR/FINISH SELECTIONS FROM MANUFACTURER'S STANDARD OPTIONS WITH ARCHITECT PRIOR TO SUBMITTALS.
- J. PROVIDE DRYWALL FLANGE OPTION AS REQUIRED. COORDINATE WITH ARCHITECTURAL CEILING PLANS PRIOR TO ORDER.

TRANSFORMER SCHEDULE

IDENTIFICATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	MOUNTING STYLE	LOCATION	K-RATING	WINDINGS	TEMPERATURE RATING	NOTES
FUT. UT	2500	12470	480/277	3	PAD					
T5	30	480	208Y/120	3		FACTORY F-1 201				
T6	30	480	208Y/120	3		FACTORY F-1 201				
UT2	2500	12470	480/277	3	PAD					

GENERAL NOTES:
A. REFER TO PROJECT SPECIFICATIONS TO COORDINATE ALL REQUIREMENTS PRIOR TO PURCHASE.

NOTES:
1. PROVIDE PAD FOR UTILITY TRANSFORMER 'xxx'. COORDINATE UTILITY TRANSFORMER PAD REQUIREMENTS WITH LOCAL UTILITY PRIOR TO INSTALLATION.
2. PROVIDE HOUSEKEEPING PAD FOR LISTED EQUIPMENT.
3. PROVIDE WALL MOUNT ACCESSORY BRACKET FOR THIS PIECE OF EQUIPMENT.

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PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR
PEAK CONSTRUCTION~~

GENERAL NOTES

CONSULTANT

[illegible]

PROJECT NO: 267020
DRAWN BY: SOM
CHECKED BY: KMK

SHEET NAME

**ELECTRICAL EQUIPMENT
SCHEDULES**

SEAL	SHEET NUMBER
	E-601
04/17/2026 LICENSE EXPIRES 12/31/2026	

MECHANICAL EQUIPMENT - ELECTRICAL REQUIREMENTS SCHEDULE

MARK	DESCRIPTION	HP	WATTS	VOLTAGE	PHASE	MCA	MOCP	ENCLOSURE TYPE	STARTER					DISCONNECT					CONTROL DEVICE			FEEDER INFORMATION							REMARKS		
									FURNISHED BY	INSTALLED BY	TYPE	SIZE	AUXILIARY CONTACTS	LOCATION	FURNISHED BY	INSTALLED BY	TYPE	SWITCH/FUSE SIZE	LOCATION	FURNISHED BY	WIRED BY	TYPE	PANEL	CIRCUIT	(L.C.) QTY	LINE	(GND) QTY	GROUND		(CNDT) QTY	CONDUIT
EF-8	EXHAUST FAN	2	3	480	3	6	15	NEMA 3R	EC	EC	FVNR	0	YES - N.O.	ELEC RM	EM	EM	MRTS	20A	AT UNIT	MC	MC	TSTAT	H6	13,15,17	3	#12	1	#12	1	3/4"	1,2,3
EF-9	EXHAUST FAN	0.25	120	120	1	2	15	NEMA 3R	--	--	--	--	--	EM	EM	NF	20A	AT UNIT	MC	MC	TSTAT	L6	8	2	#12	1	#12	1	3/4"	1,2,3	
EF-10	BELT DRIVE CENTRIFUGAL ROOF EXHAUST FAN	5		480	3	10	15	NEMA 3R	EC	EC	--	--	--	EM	EM	NF	20A	AT UNIT	MC	MC	TSTAT	H6	19,21,23	3	#12	1	#12	1	3/4"	1,2,3	
MAU-3	Blow Thru Space Heater - Direct Gas-Fired	5	8305	480	3	10	15	NEMA 3R	EM	EM	FVNR	0	YES - N.O.	ELEC RM	EM	EM	NF	30A	AT UNIT	EM	MC	TSTAT	H6	7,9,11	3	#10	1	#10	1	3/4"	1,2,4
UH-6	ELECTRIC UNIT HEATER	3	3000	208	1	18	25	NEMA 3R	--	--	--	--	--	EM	EC	NF	30A	AT UNIT	MC	MC	TSTAT	L6	4,6	2	#10	1	#10	1	3/4"	7	
UH-7	ELECTRIC UNIT HEATER	0.03	7500	480	3	9	20	NEMA 1	--	--	--	--	--	EM	EC	NF	30A	AT UNIT	EM	MC	TSTAT	H6	2,4,6	2	#10	1	#10	1	3/4"	7	
UH-8	ELECTRIC UNIT HEATER	0.03	7500	480	3	9	20	NEMA 1	--	--	--	--	--	EM	EC	NF	30A	AT UNIT	EM	MC	TSTAT	H6	8,10,12	3	#10	1	#10	1	3/4"	7	
UH-9	ELECTRIC UNIT HEATER	0.03	7500	480	3	9	20	NEMA 1	--	--	--	--	--	EM	EC	NF	30A	AT UNIT	EM	MC	TSTAT	H6	14,16,18	3	#10	1	#10	1	3/4"	7	
UH-10	ELECTRIC UNIT HEATER	0.03	7500	480	3	9	20	NEMA 1	--	--	--	--	--	EM	EC	NF	30A	AT UNIT	EM	MC	TSTAT	H6	20,22,24	3	#10	1	#10	1	3/4"	7	

GENERAL NOTES:

A. VERIFY ALL MECHANICAL EQUIPMENT RATINGS WITH SHOP DRAWINGS PRIOR TO ROUGH IN. REFER TO MECHANICAL SEQUENCE OF OPERATION SCHEDULE FOR ADDITIONAL REQUIREMENTS

B. ADJUST ALL CIRCUIT CONDUCTORS FOR VOLTAGE DROP WHERE REQUIRED - SIZE SHOWN IN SCHEDULE FOR NOMINAL AMPACITY. REFER TO POWER PLANS FOR ADDITIONAL INFORMATION.

C. FEEDERS ARE BASED ON COPPER CONDUCTOR WITH THHN/THWN INSULATION UNLESS NOTED OTHERWISE. RATINGS BASED ON TABLE 310.16 OF THE NEC U.N.C. CONDUIT SIZED BASED ON TABLE C9 OF THE NATIONAL ELECTRICAL CODE.

KEYED NOTES:

1. UNIT PROVIDED WITH MEANS OF LOCAL DISCONNECT AT UNIT. PROVIDE REMOTE COMBINATION STARTER WITH DUAL ELEMENT TIME-DELAY FUSES AND H-O-A CONTROL IN MAIN ELECTRICAL ROOM

2. PROVIDE 120V WP GFCI RECEPTACLE WITHIN 25' OF EQUIPMENT.

3. PROVIDE INTERLOCK WIRING FROM (2) LOUVERS TO COMPANION EXHAUST FAN AND 120V CONTROL POWER VIA COMBINATION STARTER TO CORRESPONDING LOUVER. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF CORRESPONDING LOUVERS

4. UNIT PROVIDED W/ LOOSE 120V CONVENIENCE RECEPTACLE FOR EC TO INSTALL

5. UNIT PROVIDED WITH LOCAL DISCONNECT, POWERED WP RECEPTACLE AND RETURN AIR DUCT DETECTOR.

6. OUTDOOR UNIT PROVIDES POWER TO SERVE THE INDOOR UNIT

7. UNIT PROVIDED WITH SINGLE POINT POWER CONNECTION AND INCLUDES MEANS OF LOCAL DISCONNECT (INTERLOCKING DOOR) WHICH SHUTS DOWN ENTIRE UNIT.

PLUMBING EQUIPMENT - ELECTRICAL REQUIREMENTS SCHEDULE

MARK	DESCRIPTION	WATTS	HP	VOLTAGE	PHASE	MCA	MOCP	ENCLOSURE TYPE	DISCONNECT				CONTROL DEVICE			FEEDER INFORMATION							REMARKS		
									FURNISHED BY	INSTALLED BY	SWITCH/ FUSE SIZE	LOCATION	FURNISHED BY	WIRED BY	TYPE	PANEL	CIRCUIT	(L.C.) QTY	(LINE #	(GND) QTY	GROUND #	(CNDT) QTY		CONDUIT #	
IWH-2	Tankless Water Heater	1.8		120	1	19	25	NEMA 1	EC	EC	MRTS	30/1	AT UNIT	BY EM	BY EM	TYPE PWCP	PANEL H6	CIRCUIT 2	(L.C.) QTY 2	(LINE # 10	(GND) QTY 1	GROUND # 10	(CNDT) QTY 1	CONDUIT # 3/4"	

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PROJECT TITLE

AXIUM BTS EXPANSION - ST.
PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR~~

~~PEAK CONSTRUCTION~~

GENERAL NOTES

CONSULTANT

[illegible]

PROJECT NO: 267020

DRAWN BY: SOM

CHECKED BY: KMK

SHEET NAME

ELECTRICAL EQUIPMENT SCHEDULES

SEAL

SHEET NUMBER



E-602

Autodesk Docs://137b-25-01 Axium Packaging/137b-25-01 Warehouse Expansion SAE025.rvt

D

C

Switchboard: MS1 EXISTING

Location: ELEC ROOM 102

Supply From: UTILITY

Mounting: FLOOR

Enclosure: NEMA1

Volts: 480Y/277V

Phases: 3

Wires: 4

A.I.C. Rating: 100,000

Mains Type: MCB

Mains Rating: 4000

MCB Rating: 4000

Notes: GFP, ARC-FLASH REDUCTION SWITCH & SHUNT TRIP ON MAIN SWITCH

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	HP1	3	200	200	116859	
2	H2	3	400	400	115338	
3	H3	3	200	200	2269	
4	H4	3	100	100	41618	
5	SPARE	3	100	100	0	
6	PREPARED SPACE	3	--	--	--	
7	PREPARED SPACE	3	--	--	--	
8	PREPARED SPACE	3	--	--	--	
9	PREPARED SPACE	3	--	--	--	
10	PREPARED SPACE	3	--	--	--	
11	PREPARED SPACE	3	--	--	--	
12	PREPARED SPACE	3	--	--	--	
Total Conn. Load:					275626	
Total Amps:					332	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	80296	100.00	80296	
Heating	80130	50.00	40065	
Motor	15016	109.08	16380	
Receptacle	40259	62.42	25130	
Lighting	56450	125.00	70562	
Lighting Exterior	9690	100.00	9690	
Cooling	648	100.00	648	
Total Conn. Load: 275626				
Total Est. Demand: 236794				
Total Conn.: 332				
Total Est. Demand: 285				

Notes:

B

A

Branch Panel: H2 EXISTING

Location: Space 122

Supply From: MS1 EXISTING

Mounting: SURFACE

Enclosure: NEMA 1

Volts: 480Y/277V

Phases: 3

Wires: 4

A.I.C. Rating: 14,000 AMPS SYMMETRICAL

Mains Type: MAIN CB

Mains Rating: 400

MCB Rating: 400

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	T2	20	3	19359	942				ELEVATOR	2
3					16194	942				4
5						16216	942			6
7	VAV-105	20	3	2667	3333				VAV-118	8
9					2667	3333				10
11						2667	3333			12
13	VAV-108	20	3	2500	2500				VAV-201	14
15					2500	2500				16
17						2500	2500			18
19	VAV-113	20	1	4000	3000				VAV-202A	20
21	VAV-115	20	1		2500	3000				22
23	VAV-203	20	1			3000	3000			24
25	VAV-207	20	1	1500	3000				VAV-202B	26
27	PREPARED SPACE	--	1	--	3000					28
29	PREPARED SPACE	--	1	--		--	3000			30
31	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	32
33	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	34
35	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	38
39	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	40
41	PREPARED SPACE	--	1	--	--		--		PREPARED SPACE	42
Total Load:				42424	36245	36674				
Total Amps:				153	131	133				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	8525	100.00	8525	
Heating	69500	50.00	34750	
Lighting	720	125.00	900	
Motor	6949	113.71	7902	
Receptacle	31979	65.64	20990	
Total Conn. Load: 115338				
Total Est. Demand: 71593				
Total Conn.: 139				
Total Est. Demand: 86				

Notes:

2

Panel: HP1 EXISTING

Location: ELEC ROOM 102

Supply From: MS1 EXISTING

Mounting: SURFACE

Enclosure: NEMA 1

Volts: 480Y/277V

Phases: 3

Wires: 4

A.I.C. Rating: 44,000 AMPS SYMMETRICAL

Mains Type: MCB

Mains Rating: 200

MCB Rating: 200

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	T1-LV1	30	3	540	1884				OVERHEAD DOORS	2
3					720	1884				4
5						540	1884			6
7	EXTERIOR WALL LTG.	20	1	1333	2366				DWH-1	8
9	SITE LIGHTING	20	2		1256	4098				10
11						1256	2366			12
13	SITE LIGHTING	20	2	1256	2768				MAU-1	14
15					1256	2768				16
17	SITE LIGHTING	20	2			1077	2768			18
19				1077	2217				MUA-2	20
21	SITE LIGHTING	20	2	1256	2217					22
23						1256	2217			24
25	EXIT LIGHTING	20	1	686	14189				RTU-1	26
27	EMERGENCY HIGH BAY LTG.	20	1		3156	14189				28
29	EAST HIGH BAY LTG.	20	1			3156	14189			30
31	EAST HIGH BAY LTG.	20	1	3471	982				ELEC/FP ROOM LTG	32
33	EAST HIGH BAY LTG.	20	1		3471	942				34
35	EAST HIGH BAY LTG.	20	1			3471	942			36
37	EAST HIGH BAY LTG.	20	1	2664	942				Jockey Pump	38
39	1ST FLOOR OFFICE LTG.	20	1		2973	2907				40
41	2ND FLOOR OFFIC LTG.	20	1			3127	2664			42
43	PREPARED SPACE	--	1	--	--				PREPARED SPACE	44
45	PREPARED SPACE	--	1	--	--				PREPARED SPACE	46
47	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	48
49	PREPARED SPACE	--	1	--	--				PREPARED SPACE	50
51	PREPARED SPACE	--	1	--	--				PREPARED SPACE	52
53	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	54
55	PREPARED SPACE	--	1	--	--				PREPARED SPACE	56
57	PREPARED SPACE	--	1	--	--				PREPARED SPACE	58
59	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	60
Total Load:				35316	41837	39723				
Total Amps:				127	153	146				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
HVAC	57524	100.00	57524	
Heating	8830	50.00	4415	
Motor	8478	108.33	9185	
Receptacle	1800	100.00	1800	
Lighting	33966	125.00	42457	
Lighting Exterior	9690	100.00	9690	
Total Conn. Load: 116859				
Total Est. Demand: 121501				
Total Conn.: 141				
Total Est. Demand: 146				

Notes:

Panel: H3 EXISTING

Location: SHIPPING & RECEIVING...

Supply From: MS1 EXISTING

Mounting: SURFACE

Enclosure: NEMA 1

Volts: 480Y/277V

Phases: 3

Wires: 4

A.I.C. Rating: 14,000 AMPS SYMMETRICAL

Mains Type: MCB

Mains Rating: 200

MCB Rating: 200

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	T3	20	3	1440	0				Spare	2
3					360	0				4
5						471	0			6
7	PREPARED SPACE	--	1	--	--				PREPARED SPACE	8
9	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	10
11	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	12
13	PREPARED SPACE	--	1	--	--				PREPARED SPACE	14
15	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	16
17	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	18
19	PREPARED SPACE	--	1	--	--				PREPARED SPACE	20
21	PREPARED SPACE	--	1	--	--				PREPARED SPACE	22
23	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	24
25	PREPARED SPACE	--	1	--	--				PREPARED SPACE	26
27	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	28
29	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	30
31	PREPARED SPACE	--	1	--	--				PREPARED SPACE	32
33	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	34
35	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--				PREPARED SPACE	38
39	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	40
41	PREPARED SPACE	--	1	--	--	--	--		PREPARED SPACE	42
Total Load:				1440	360	471				
Total Amps:				5	1	2				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
HVAC	120	100.00	120	
Receptacle	2160	100.00	2160	
Total Conn. Load: 2269				
Total Est. Demand: 2269				
Total Conn.: 3				
Total Est. Demand: 3				

Notes:

2

1

powers
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PROJECT TITLE

AXIUM BTS EXPANSION - ST.
PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

A PROJECT FOR
PEAK CONSTRUCTION

GENERAL NOTES

CONSULTANT:



△	DATE	REVISION
	2026-04-17	PERMIT

PROJECT NO: 267020

DRAWN BY: SOM

CHECKED BY: KMK

SHEET NAME

ELECTRICAL PANEL
SCHEDULES

SEAL



SHEET NUMBER

E-603

4/17/2026 6:17:04 PM

4

3

2

1

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Panel: H4 EXISTING Location: SHIPPING & RECEIVING... Supply From: MS1 EXISTING Mounting: SURFACE Enclosure: NEMA 1 Volts: 480Y/277V Phases: 3 Wires: 4 A.I.C. Rating: 14,000 AMPS SYMMETRICAL Mains Type: MCB Mains Rating: 100 MCB Rating: 100											
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1				2585	2217					2	
3	T4	20	3		2816	2217		3	20	HVAC	
5						1276	2217			6	
7	LTG RMS 119, 120, 121	20	1	450	2492					8	
9	WEST HIGH BAY LTG	20	1		2664	2492		3	20	HVAC	
11	WEST HIGH BAY LTG	20	1			2664	2492			10	
13	WEST HIGH BAY LTG	20	1	2664	2664			1	20	WEST HIGH BAY LTG	
15	WEST HIGH BAY LTG	20	1		2664	2664		1	20	WEST HIGH BAY LTG	
17	WEST HIGH BAY LTG	20	1			2664	--	1	--	PREPARED SPACE	
19	WEST HIGH BAY LTG	20	1	2664	--			1	--	PREPARED SPACE	
21	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	
23	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	
25	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	
27	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	
29	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	
31	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	
33	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	
35	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	
37	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	
39	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	
41	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	
Total Load:				15397	15207	11028					
Total Amps:				58	57	40					
Legend:											
Load Classification		Connected Load	Demand Factor	Estimated...	Panel Totals						
HVAC		14127	100.00	14127							
Heating		1800	50.00	900	Total Conn. Load: 41618						
Receptacle		4320	100.00	4320	Total Est. Demand: 46137						
Lighting		21766	125.00	27207	Total Conn.: 50						
Cooling		648	100.00	648	Total Est. Demand: 55						
Notes:											

Panel: L3 EXISTING													
Location: SHIPPING & RECEIVING...				Volts: 208Y/120V				A.I.C. Rating: 10,000 AMPS SYMMETRICAL					
Supply From: T3				Phases: 3				Mains Type: MCB					
Mounting: SURFACE				Wires: 4				Mains Rating: 200					
Enclosure: NEMA 1								MCB Rating: 200					
Notes:													
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	WAREHOUSE NORTH RCPTS.	20	1	720	360					1	20	EXTERIOR RCPTS.	2
3	MECH. ROOM 104 RCPTS.	20	1			360	0			1	20	Spare	4
5	MECH. ROOM 104 RCPTS.	20	1					360	0	1	20	Spare	6
7	MECH. ROOM 104 RCPTS.	20	1	360	0					1	20	Spare	8
9	PREPARED SPACE	--	1			--	0			1	20	Spare	10
11	EF-3	20	1					120	0	1	20	Spare	12
13	PREPARED SPACE	--	1	--	0					1	20	Spare	14
15	PREPARED SPACE	--	1			--	0			1	20	Spare	16
17	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	18
19	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	20
21	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	22
23	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	24
25	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	26
27	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	28
29	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	30
31	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	32
33	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	42
Total Load:				1440		360		471					
Total Amps:				12		3		4					
Legend:													
Load Classification				Connected Load	Demand Factor	Estimated...		Panel Totals					
HVAC				120	100.00	120							
Receptacle				2160	100.00	2160		Total Conn. Load: 2269					
								Total Est. Demand: 2269					
								Total Conn.: 6					
								Total Est. Demand: 6					
Notes:													

Panel: L2.1 EXISTING													
Location: Space 122				Volts: 208Y/120V				A.I.C. Rating: 10,000 AMPS SYMMETRICAL					
Supply From: T2				Phases: 3				Mains Type: MCB					
Mounting: SURFACE				Wires: 4				Mains Rating: 400					
Enclosure: NEMA 1								MCB Rating: 400					
Notes:													
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	L2.2	20	3	13264	1500					2	20	UH-2	2
3					11554	1500							4
5							13311	1500					6
7													8
9	WAREHOUSE EAST RCPTS.	20	1	540	1500					2	20	UH-1	10
11	WAREHOUSE SOUTH RCPTS.	20	1			900	180			1	20	ROOF-TOP RCPT.	12
13	ROOF-TOP RCPT.	20	1					180	180	1	20	ROOF-TOP RCPT.	14
15	ROOF-TOP RCPT.	20	1	180	180					1	20	ROOF-TOP RCPT.	16
17	ROOF-TOP RCPT.	20	1					180	180	1	20	ROOF-TOP RCPT.	18
19	EXTERIOR RCPTS.	20	1	360	120					1	20	EF-4	20
21	Spare	20	1			0	312			1	20	EF-5	22
23	Spare	20	1					0	437	1	20	EF-6	24
25	Spare	20	1	0	1560					2	20	DSOU-1	26
27	Spare	20	1			0	1560						28
29	ELEV. LOBBY MICROWAVE 1	20	1					180	0	1	20	Spare	30
31	ELEV. LOBBY MICROWAVE 2	20	1	180	0					1	20	Spare	32
33	ELEV. CAB LTG.	20	1			0	0			1	20	Spare	34
35	ELEV. (BOTTOM) GFCI RCPT.	20	1					180	0	1	20	Spare	36
37	ELEV. (TOP) GFCI RCPT.	20	1	180	0					1	20	Spare	38
39	Spare	20	1			0	0			1	20	Spare	40
41	Spare	20	1					0	0	1	20	Spare	42
Total Load:				19359		16194		16216					
Total Amps:				161		135		135					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated...		Panel Totals					
HVAC		8525		100.00		8525							
Heating		7500		50.00		3750		Total Conn. Load:		51752			
Motor		4296		118.16		5076		Total Est. Demand:		38260			
Receptacle		31979		65.64		20990		Total Conn.:		144			
Lighting		720		125.00		900		Total Est. Demand:		106			
Notes:													

Panel: L4 EXISTING													
Location: SHIPPING & RECEIVING...					Volts: 208Y/120V		A.I.C. Rating: 10,000 AMPS SYMMETRICAL						
Supply From: T4					Phases: 3		Mains Type: MCB						
Mounting: SURFACE					Wires: 4		Mains Rating: 100						
Enclosure: NEMA 1							MCB Rating: 100						
Notes:													
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	SHIP & REC. RCPTS.	20	1	1260	199								2
3	DEDICATED RCPT.	20	1			180	199			3	20	CU-1	4
5									199				6
7	WAREHOUSE NORTH RCPTS.	20	1	720	50					1	20	FCU-1	8
9	WAREHOUSE NORTH RCPTS.	20	1			720	1800			1	20	IWH-1	10
11	WAREHOUSE WEST RCPTS.	20	1					720	360	1	20	RESTROOM 106 RCPT.	12
13	HVAC	20	1	0	360					1	20	EXTERIOR RCPTS.	14
15	Spare	20	1			0	0			1	20	Spare	16
17	Spare	20	1					0	0	1	20	Spare	18
19	Spare	20	1	0	0					1	20	Spare	20
21	Spare	20	1			0	0			1	20	Spare	22
23	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	24
25	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	26
27	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	28
29	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	30
31	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	32
33	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	42
Total Load:				2585		2816		1276					
Total Amps:				23		25		11					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated...		Panel Totals					
HVAC		0		0.00		0							
Heating		1800		50.00		900		Total Conn. Load:		6609			
Receptacle		4320		100.00		4320		Total Est. Demand:		5772			
Cooling		648		100.00		648		Total Conn.:		18			
								Total Est. Demand:		16			
Notes:													

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D

C

B

A

Panel: L5.1

Location: FACTORY F-1 201
Supply From: T5
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100
MCB Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	ROOFTOP RCPT. -1	20	1	180	0		1	20	Spare	2		
3	ROOFTOP RCPT. -2	20	1		180	0	1	20	Spare	4		
5	FACTORY F-1 201 RCPTS.-2	20	1			900	0	1	20	Spare	6	
7	L5.2	20	3	0	0			1	20	Spare	8	
				0	0			1	20	Spare	10	
							0	0	1	20	Spare	12
								0	0	1	20	Spare
13	Spare	20	1	0	0			1	20	Spare	16	
15	Spare	20	1		0	0		1	20	Spare	18	
17	Spare	20	1			0	0	1	20	Spare	20	
19	Spare	20	1	0	0			1	20	Spare	22	
21	Spare	20	1		0	0		1	20	Spare	24	
23	Spare	20	1			0	0	1	20	Spare	26	
25	Spare	20	1	0	0			1	20	Spare	28	
27	Spare	20	1		0	0		1	20	Spare	30	
29	Spare	20	1			0	0	1	20	Spare	32	
31	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	34	
33	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	36	
35	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	38	
37	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	40	
39	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	42	
41	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	44	
Total Load:				180	180	900						
Total Amps:				2	2	8						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
Receptacle	1260	100.00	1260	
				Total Conn. Load: 1260
				Total Est. Demand: 1260
				Total Conn.: 3
				Total Est. Demand: 3

Notes:

Panel: H5

Location: FACTORY F-1 201
Supply From: MS2
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277V
Phases: 3
Wires: 4

A.I.C. Rating: 14,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100
MCB Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1				180	0			1	20	Spare	2
3	T5	20	3		180	0		1	20	Spare	4
5						900	0	1	20	Spare	6
7	PREPARED SPACE	--	1	--	0			1	20	Spare	8
9	PREPARED SPACE	--	1		--	0		1	20	Spare	10
11	PREPARED SPACE	--	1			--	0	1	20	Spare	12
13	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	14
15	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	16
17	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	18
19	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	20
21	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	22
23	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	24
25	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	26
27	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	28
29	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	30
31	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	32
33	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	42
Total Load:				180	180	900					
Total Amps:				1	1	3					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
Receptacle	1260	100.00	1260	
				Total Conn. Load: 1260
				Total Est. Demand: 1260
				Total Conn.: 2
				Total Est. Demand: 2

Notes:

Panel: L5.2

Location: FACTORY F-1 201
Supply From: L5.1
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100
MCB Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Spare	20	1	0	0		1	20	Spare	2	
3	Spare	20	1		0	0	1	20	Spare	4	
5	Spare	20	1			0	0	1	20	Spare	6
7	Spare	20	1	0	0			1	20	Spare	8
9	Spare	20	1		0	0		1	20	Spare	10
11	Spare	20	1			0	0	1	20	Spare	12
13	Spare	20	1	0	0			1	20	Spare	14
15	Spare	20	1		0	0		1	20	Spare	16
17	Spare	20	1			0	0	1	20	Spare	18
19	Spare	20	1	0	0			1	20	Spare	20
21	Spare	20	1		0	0		1	20	Spare	22
23	Spare	20	1			0	0	1	20	Spare	24
25	Spare	20	1	0	0			1	20	Spare	26
27	Spare	20	1		0	0		1	20	Spare	28
29	Spare	20	1			0	0	1	20	Spare	30
31	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	32
33	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--			1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1		--	--		1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1			--	--	1	--	PREPARED SPACE	42
Total Load:				0	0	0					
Total Amps:				0	0	0					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
				Total Conn. Load: 0
				Total Est. Demand: 0
				Total Conn.: 0
				Total Est. Demand: 0

Notes:

Panel: H6

Location: FACTORY F-1 201
Supply From: MS2
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277V
Phases: 3
Wires: 4

A.I.C. Rating: 14,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100
MCB Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				4857	2500								2
3	T6	20	3			2323	2500			3	20	UH-7	4
5								3210	2500				6
7				2768	2500								8
9	MAU-3	20	3			2768	2500			3	20	UH-8	10
11								2768	2500				12
13				2492	2500								14
15	EF-8	20	3			2492	2500			3	20	UH-9	16
17								2492	2500				18
19				2633	2500								20
21	EF-10	20	3			2633	2500			3	20	UH-10	22
23								2633	2500				24
25	FACTORY F-1 EM LTG	20	1	26	2907					1	20	MECH RM. LTG	26
27	FACTORY F-1 LTG-1	20	1			3471	0			1	20	Spare	28
29	FACTORY F-1 LTG-2	20	1					3471	0	1	20	Spare	30
31	FACTORY F-1 LTG-3	20	1	3471	0					1	20	Spare	32
33	FACTORY F-1 LTG-4	20	1			3471	--			1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	42
Total Load:				28599		26637		24207					
Total Amps:				105		98		87					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
HVAC	23798	100.00	23798	
Heating	34800	50.00	17400	Total Conn. Load: 79427
Motor	2826	125.00	3533	Total Est. Demand: 66898
Receptacle	3060	100.00	3060	Total Conn.: 96
Lighting	16815	125.00	21018	Total Est. Demand: 80

Notes:

Panel: L6

Location: FACTORY F-1 201
Supply From: T6
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100
MCB Rating: 100

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				942	1800					1	20	IWH-2	2
3	OHD	20	3			942	1500			2	20	UH-6	4
5								942	1500				6
7	FACTORY F-1 201 RCPTS.-1	20	1	1080	120					1	20	EF-9	8
9							0			1	20	Spare	10
11	MECH RM. 202 RCPTS.	20	1					900	0	1	20	Spare	12
13	EXT. RCPTS.	20	1	1080	0					1	20	Spare	14
15	Spare	20	1			0	0			1	20	Spare	16
17	Spare	20	1					0	0	1	20	Spare	18
19	Spare	20	1	0	0					1	20	Spare	20
21	Spare	20	1			0	0			1	20	Spare	22
23	Spare	20	1					0	0	1	20	Spare	24
25	Spare	20	1	0	0					1	20	Spare	26
27	Spare	20	1			0	0			1	20	Spare	28
29	Spare	20	1					0	0	1	20	Spare	30
31	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	32
33	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	34
35	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	36
37	PREPARED SPACE	--	1	--	--					1	--	PREPARED SPACE	38
39	PREPARED SPACE	--	1			--	--			1	--	PREPARED SPACE	40
41	PREPARED SPACE	--	1					--	--	1	--	PREPARED SPACE	42
Total Load:				4857		2323		3210					
Total Amps:				42		19		28					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	120	100.00	120		
Heating	4800	50.00	2400	Total Conn. Load:	10386
Motor	2826	125.00	3533	Total Est. Demand:	8805
Receptacle	3060	100.00	3060	Total Conn.:	29
				Total Est. Demand:	24

