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Printed by: tlobraco on May 03, 2023 - 1:01:07PM
I:\57600\57625 - Warm Belly Farm - Site Planning - Madison, WI\04. Working Drawing Files\Autocad\Electrical\57625 E200 SITE LIGHTING PLAN - ALT 3 - JOE G MARKUP.dwg

REVISED LIGHTING PLAN
RECEIVED 5/3/2023

LIGHTING FIXTURE SCHEDULE

TAG	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	VOLTAGE	LAMPS #	LAMPS TYPE	MOUNTING	QUANTITY	TOTAL WATTS	CONTROL	NOTES
X2-1	LITHONIA	DSXO LED P1 35K 80CRI T2M	LED AREA LIGHT - LEVEL 1	120/277	LED	3500K	POLE - 20'-0" a.f.f.	1	33	CONTACTOR	PARKING AREA (TYPE II DISTRIBUTION)
X2-15	LITHONIA	DSXO LED P1 35K 80CRI T2M HS	LED AREA LIGHT - LEVEL 1 w/HOUSE SHIELD	120/277	LED	3500K	POLE - 20'-0" a.f.f.	9	33	CONTACTOR	PARKING AREA (TYPE II DISTRIBUTION)
X2-35	LITHONIA	DSXO LED P3 35K 80CRI T2M HS	LED AREA LIGHT - LEVEL 3 w/HOUSE SHIELD	120/277	LED	3500K	POLE - 20'-0" a.f.f.	7	33	CONTACTOR	PARKING AREA (TYPE II DISTRIBUTION)
X2-4	LITHONIA	DSXO LED P4 35K 80CRI T2M	LED AREA LIGHT - LEVEL 4	120/277	LED	3500K	POLE - 20'-0" a.f.f.	1	93	CONTACTOR	PARKING AREA (TYPE II DISTRIBUTION)
X3-35	LITHONIA	DSXO LED P3 35K 80CRI T3M HS	LED AREA LIGHT - LEVEL 3 w/HOUSE SHIELD	120/277	LED	3500K	POLE - 20'-0" a.f.f.	1	69	CONTACTOR	PARKING AREA (TYPE III DISTRIBUTION)
X4-45	LITHONIA	DSXO LED P4 35K 80CRI T4M HS	LED AREA LIGHT - LEVEL 4 w/HOUSE SHIELD	120/277	LED	3500K	POLE - 20'-0" a.f.f.	2	93	CONTACTOR	PARKING AREA (TYPE IV DISTRIBUTION)
XFT-3	LITHONIA	DSXO LED P3 35K 80CRI TFTM	LED AREA LIGHT - LEVEL 3	120/277	LED	3500K	POLE - 20'-0" a.f.f.	5	69	CONTACTOR	PARKING AREA (FORWARD THROW)
XFT-4	LITHONIA	DSXO LED P4 35K 80CRI TFTM	LED AREA LIGHT - LEVEL 4	120/277	LED	3500K	POLE - 20'-0" a.f.f.	16	69	CONTACTOR	PARKING AREA (FORWARD THROW)
X5-4	LITHONIA	DSXO LED P4 35K 80CRI T5W	LED AREA LIGHT - LEVEL 4	120/277	LED	3500K	POLE - 20'-0" a.f.f.	4	93	CONTACTOR	PARKING AREA (TYPE 5 WIDE DISTRIBUTION)
X5P	LITHONIA	HLF2 LED P6 40K MFL FV	LED HIGH LUMEN FLOOD LIGHT - LEVEL 6	120/277	LED	4000K	POLE - 20'-0" a.f.f.	17	800	CONTACTOR	FIELD AREA (MEDIUM FLOOD DISTRIBUTION)

SITE LIGHTING STATISTICS

TOTAL POWER	AREA	POWER DENSITY
16,500 WATTS	1,470,000 ft.²	.1 watts / ft.²

PHOTOMETRICS - PARKING AREA #1

AVERAGE	MAXIMUM	MINIMUM	MAX / MIN	AVERAGE / MIN
1.6 fc	3.4 fc	.5 fc	6.8:1	3.2:1

PHOTOMETRICS - PARKING AREA #2

AVERAGE	MAXIMUM	MINIMUM	MAX / MIN	AVERAGE / MIN
1.5 fc	4.4 fc	.5 fc	8.8:1	3.0:1

PHOTOMETRICS - PARKING AREA #3

AVERAGE	MAXIMUM	MINIMUM	MAX / MIN	AVERAGE / MIN
1.4 fc	4.3 fc	.5 fc	8.6:1	2.8:1

PARKING AREA #1
PARKING AREA #2
PARKING AREA #3

THESE NUMBERS INDICATE THE APPROXIMATE FOOT CANDLE LEVELS IN VARIOUS LOCATIONS THROUGHOUT THE SITE. THE VALUES ARE TAKEN AT GROUND LEVEL AND DO NOT TAKE INTO ACCOUNT ANY OBSTRUCTIONS

GENERAL ELECTRICAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL ELECTRICAL CODES AND ORDINANCES. ANY VARIANCES MUST BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- ALL DIMENSIONS SHOWN ON THESE PLANS SHALL BE VERIFIED ON SITE BEFORE INSTALLATION.
- MINIMUM CONDUCTOR SIZE THAT SHALL BE USED THROUGHOUT IS #12 AWG.
- PROVIDE A NYLON PULL STRING WITH 4 FEET OF SLACK ON BOTH ENDS IN ALL EMPTY CONDUITS. (NOT APPLICABLE FOR SLEEVES AND NIPPLES)

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MARK	DATE	DESCRIPTION

DATE ISSUED: 2023-03-31
ISSUE PHASE: CUP SUBMITTAL

PROJECT TITLE:
WARM BELLY ADVENTURE FARM

PROJECT OWNER:
FRANCIS WISNIEWSKI

PROJECT LOCATION:
4311 VILAS HOPE ROAD
MADISON, WI 53527

SHEET TITLE:
SITE LIGHTING PLAN - ALT 2 - SPOTLIT FIELD ALT.

0 40' 80' 160'
11" x 17" - 1" = 160'
22" x 34" - 1" = 80'

PROJECT NUMBER 57625
SHEET NUMBER E200

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