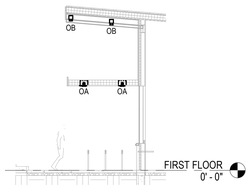
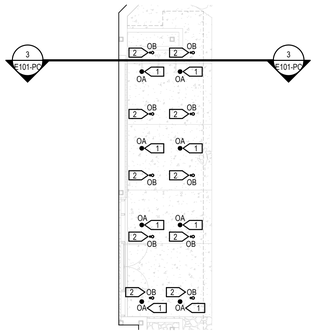
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
East Parking & Drive	+	3.3 fc	10.6 fc	0.5 fc	21.2:1	6.6:1
Front Entry	+	4.3 fc	7.7 fc	2.2 fc	3.5:1	2.0:1
Front Parking & Drive	+	2.6 fc	3.7 fc	0.3 fc	12.3:1	8.7:1
North Bays	+	1.9 fc	7.0 fc	0.6 fc	11.7:1	3.2:1
North Drive	+	3.7 fc	11.5 fc	0.4 fc	28.8:1	9.3:1
Property Line	+	0.0 fc	0.4 fc	0.0 fc	N/A	N/A
South Drive	+	1.8 fc	3.3 fc	0.5 fc	6.6:1	3.6:1
Wash Bay	+	5.8 fc	10.4 fc	1.8 fc	5.8:1	3.2:1
West Drive	+	2.2 fc	4.6 fc	0.2 fc	23.0:1	11.0:1
West Entrance & Sidewalks	+	4.1 fc	7.2 fc	1.2 fc	6.0:1	3.4:1
West Parking	+	2.5 fc	6.0 fc	1.5 fc	4.0:1	1.7:1
Detached Bays	+	5.5 fc	9.5 fc	3.6 fc	2.6:1	1.5:1



3 E101-PC EAST CANOPY SECTION VIEW
1/8" = 1'-0"



2 E101-PC ENLARGED EAST CANOPY PLAN
1/8" = 1'-0"

LIGHTING:

NOTE: SHADING ANY OF THE LIGHTING FIXTURE INDICATES UNIT IS WIRED TO AN EMERGENCY OR NIGHT LIGHTING CIRCUIT.

CEILING MOUNTED FIXTURE - SURFACE / RECESSED

1Ra A

- FIXTURE DESIGNATION (SEE SCHEDULE)
- SWITCH LEG. NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR
- SWITCHING DEVICE. NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR.
  (R) CIRCUIT SWITCHED VIA RELAY IN RELAY CABINET
- CIRCUIT NUMBER (SEE PANEL BOUNDARIES)

CEILING MOUNTED DOWNLIGHT FIXTURE - SURFACE / RECESSED

POLE MOUNTED FIXTURE

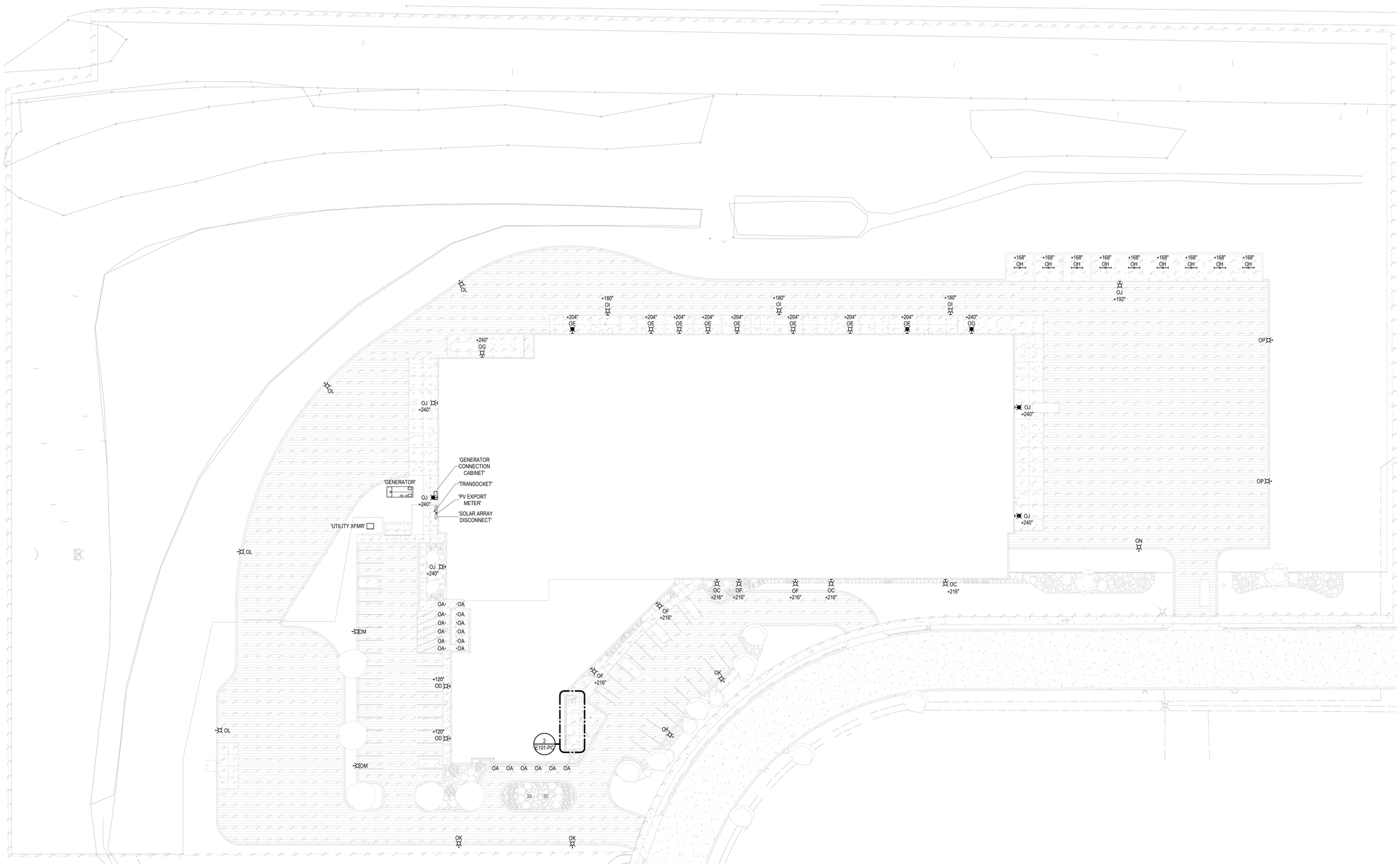
WALL MOUNTED FIXTURE - SURFACE / RECESSED

GENERAL NOTES:

1. SITE LIGHTING PHOTOMETRIC CALCULATIONS WERE PERFORMED IN VISUAL 2020 LIGHTING SOFTWARE.
2. ALL PHOTOMETRICS POINTS ARE AT +0'-0" AFG.

REFERENCE NOTES: <#>

1. DOWNLIGHT FIXTURE SHALL BE MOUNTED IN LOWER CANOPY. REFER TO SECTION 3/E101-PC.
2. WALL WASH FIXTURE SHALL BE MOUNTED IN UPPER CANOPY. REFER TO SECTION 3/E101-PC.



1 E101-PC ELECTRICAL SITE PLAN
1" = 30'-0"

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PROJECT

PROJECT:

Operations Center

1280 Chapman Drive, Waukesha, Wisconsin 53189

OWNER:

Waukesha Water Utility

PROJECT ISSUE DATE:

February 25, 2025

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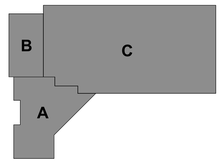
Engineer of Record - Timothy Larsen, PE

REVISIONS

REV #	DESCRIPTION	DATE

KEY PLAN



TRUE NORTH PLAN NORTH

SCALE: As indicated

SHEET

SHEET TITLE:

ELECTRICAL SITE PLAN - PLAN COMMISSION

E101-PC

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	FIXTURE TYPE	LIGHT SOURCE DESCRIPTION	LIGHT SOURCE K	LIGHT SOURCE CRI	DRIVER BALLAST TYPE	DRIVER BALLAST NO.	INPUT WATTS	VOLTS	MOUNTING TYPE	MOUNTING HEIGHT	CEILING TYPE	FIXTURE DEPTH	SPECIFIED FIXTURE MANUFACTURER	SPECIFIED FIXTURE MODEL NO.	OPTIONS	FINISH	REMARKS
OA	4" DOWNLIGHT - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	5	120	R	--	ES	4 1/2"	GOTHAM	IVO4-D-05LM-40K-80CRI-WD-MINI-MVOLT-ZT-NCH-WL-P-AR-LSS-F	--	WH	--
OB	4" WALL WASH DOWNLIGHT - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	5	120	R	--	V	4 1/2"	GOTHAM	IVO4-WW-05LM-40K-80CRI-MINI-MVOLT-ZT-NCH-WL-LW-AR-LSS-F	--	SF	--
OC	6" WALL SCONCE - UP/DOWN	LED	IN UNIT	4000	+80	0-10V	1	31	120	W	20'-0" TCF AFG	N	14"	LUMINIS	SY602-L2L15-FLDU-FLDD-40K-120-PH	--	BK	--
OD	WALL PACK - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	19	120	W	11'-0" TCF AFG	N	7"	LITHONIA	WDGE2-LED-P2-40K-80CRI-T3M-MVOLT-SRM-DMG-PIR1FC3V-DBLXD	--	BK	--
OE	WALL PACK - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	19	120	W	11'-0" TCF AFG	N	7"	LITHONIA	WDGE2-LED-P2-40K-80CRI-T3M-MVOLT-SRM-DMG-PIRH1FC3V-DBLXD	--	BK	--
OF	WALL PACK - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	52	120	W	18'-0" TCF AFG	N	8"	LITHONIA	WDGE3-LED-P1-40K-80CRI-R3-MVOLT-SRM-DMG-PIRH1FC3V-DBLXD	--	BK	--
OG	WALL PACK - EXTERIOR	LED	IN UNIT	4000	+80	0-10V	1	88	120	W	20'-0" TCF AFG	N	8"	LITHONIA	WDGE3-LED-P4-40K-80CRI-R2-MVOLT-SRM-PIRH1FC3V-DBLXD	--	BK	--
OH	8'-0" STRIP LIGHT	LED	IN UNIT	4000	+80	0-10V	1	49	120	S	14'-0" TTF AFG	ES	4"	LITHONIA	CSVT-L96--6000LM-MVOLT-40K-80CRI-SBOR10-P	--	SF	--
OI	BUILDING MOUNTED FIXTURE - TYPE P7 T2M	LED	IN UNIT	4000	+80	0-10V	1	188	208	W	SFP TTF AFG	N	8"	LITHONIA	DSX1-LED-P7-40K-80CRI-T2M-MVOLT-WBA-DMG-DBLXD	--	BK	--
OJ	BUILDING MOUNTED FIXTURE - TYPE P8 TFTM	LED	IN UNIT	4000	+80	0-10V	1	216	208	W	SFP TTF AFG	N	8"	LITHONIA	DSX1-LED-P8-40K-80CRI-TFTM-MVOLT-WBA-DMG-DBLXD	--	BK	--
OK	POLE MOUNTED FIXTURE - TYPE P4 BLC4	LED	IN UNIT	4000	+80	0-10V	1	125	208	PL	20'-0" TCF AFG	N	8"	LITHONIA	DSX1-LED-P4-40K-80CRI-BLC4-MVOLT-SPA-DMG-DBLXD	--	BK	1
OL	POLE MOUNTED FIXTURE -TYPE P7 T2M	LED	IN UNIT	4000	+80	0-10V	1	188	208	PL	20'-0" TCF AFG	N	8"	LITHONIA	DSX1-LED-P7-40K-80CRI-T2M-MVOLT-SPA-DMG-DBLXD	--	BK	1
OM	POLE MOUNTED FIXTURE -TYPE P7 T5M	LED	IN UNIT	4000	+80	0-10V	1	142	208	PL	20'-0" TCF AFG	N	8"	LITHONIA	DSX1-LED-P7-40K-80CRI-T5M-MVOLT-SPA-DMG-DBLXD	--	BK	1
ON	POLE MOUNTED FIXTURE - TYPE P8 TFTM	LED	IN UNIT	4000	+80	0-10V	1	216	208	PL	20'-0" TCF AFG	N	8"	LITHONIA	DSX1-LED-P8-40K-80CRI-TFTM-MVOLT-SPA-DMG-DBLXD	--	BK	1
OP	POLE MOUNTED FIXTURE - TYPE P9 TFTM	LED	IN UNIT	4000	+80	0-10V	1	279	208	PL	20'-0" TCF AFG	N	8"	LITHONIA	DSX1-LED-P9-40K-80CRI-TFTM-MVOLT-SPA-DMG-DBLXD	--	BK	1
OQ	FLAGPOLE FIXTURE	LED	IN UNIT	5000	+80	ST	1	11	120	S	--	N	5 1/2"	LITHONIA	OLBF-8-50K-DDB	--	BZ	--

FIXTURE TYPE

ABBR.	DESCRIPTION
F	FLOURESCENT
H	HID
HAL	HALOGEN
I	INCANDESCENT
LED	LIGHT EMITTING DIODE

CEILING TYPE

ABBR.	DESCRIPTION
DW	DRYWALL
ES	EXPOSED STRUCTURE
LG	LAY-IN GRID
N	NONE
V	VARIES

DRIVER/BALLAST TYPE

ABBR.	DESCRIPTION
0-10V	0-10 VOLT DIMMING
D1	DIMMING 1-100%
D5	DIMMING 5-100%
D10	DIMMING 10-100%
DST	STEP DIMMING 50/100%
ET	ELECTRONIC
M	MAGNETIC
PS	PULSE START
ST	STANDARD
XFMR	TRANSFORMER

FINISHES

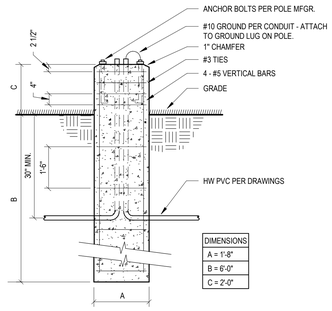
ABBR.	DESCRIPTION
A/O	COLOR AS SELECTED BY ARCHITECT/OWNER
BA	BRUSHED ALUMINUM
BK	BLACK
BN	BRUSHED NICKEL
BZ	BRONZE
CF	CUSTOM FINISH
SF	STANDARD FINISH
SN	SATIN NICKEL
SS	SEMI-SPECULAR
WH	WHITE

MOUNTING TYPE

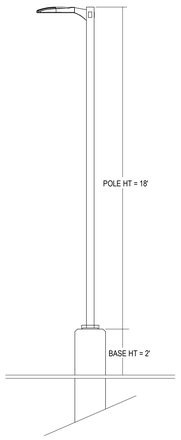
ABBR.	DESCRIPTION
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
P	PENDANT
PL	POLE
R	RECESS
S	SURFACE
TBF	TO BOTTOM OF FIXTURE
TCF	TO CENTER OF FIXTURE
TTF	TO TOP OF FIXTURE
W	WALL MOUNTED

LIGHT FIXTURE SCHEDULE REMARKS:

1. PROVIDED WITH LITHONIA TYPE SSS POLE, MODEL NUMBER SSS-18'-4C-DM19AS-STLHCC-FBCSTL2PC-DBLXD. PROVIDE WITH METAL POLE BASE COVER. REFER TO DETAILS 1/E102-PC & 2/E102-PC FOR POLE BASE & POLE HEIGHT DETAILS.



1 E102-PC POLE BASE DETAIL
SCALE: N.T.S.



GENERAL NOTES:

1. TOTAL FIXTURE HEIGHT FROM GRADE TO TOP OF POLE ASSEMBLY & FIXTURE NOT TO EXCEED 20'-0".

2 E102-PC POLE HEIGHT DETAIL
SCALE: N.T.S.

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PROJECT

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Operations Center

1280 Chapman Drive, Waukesha, Wisconsin 53189

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REVISIONS

REV #	DESCRIPTION	DATE

KEY PLAN

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SHEET

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ELECTRICAL SITE PLAN - PLAN COMMISSION

E102-PC