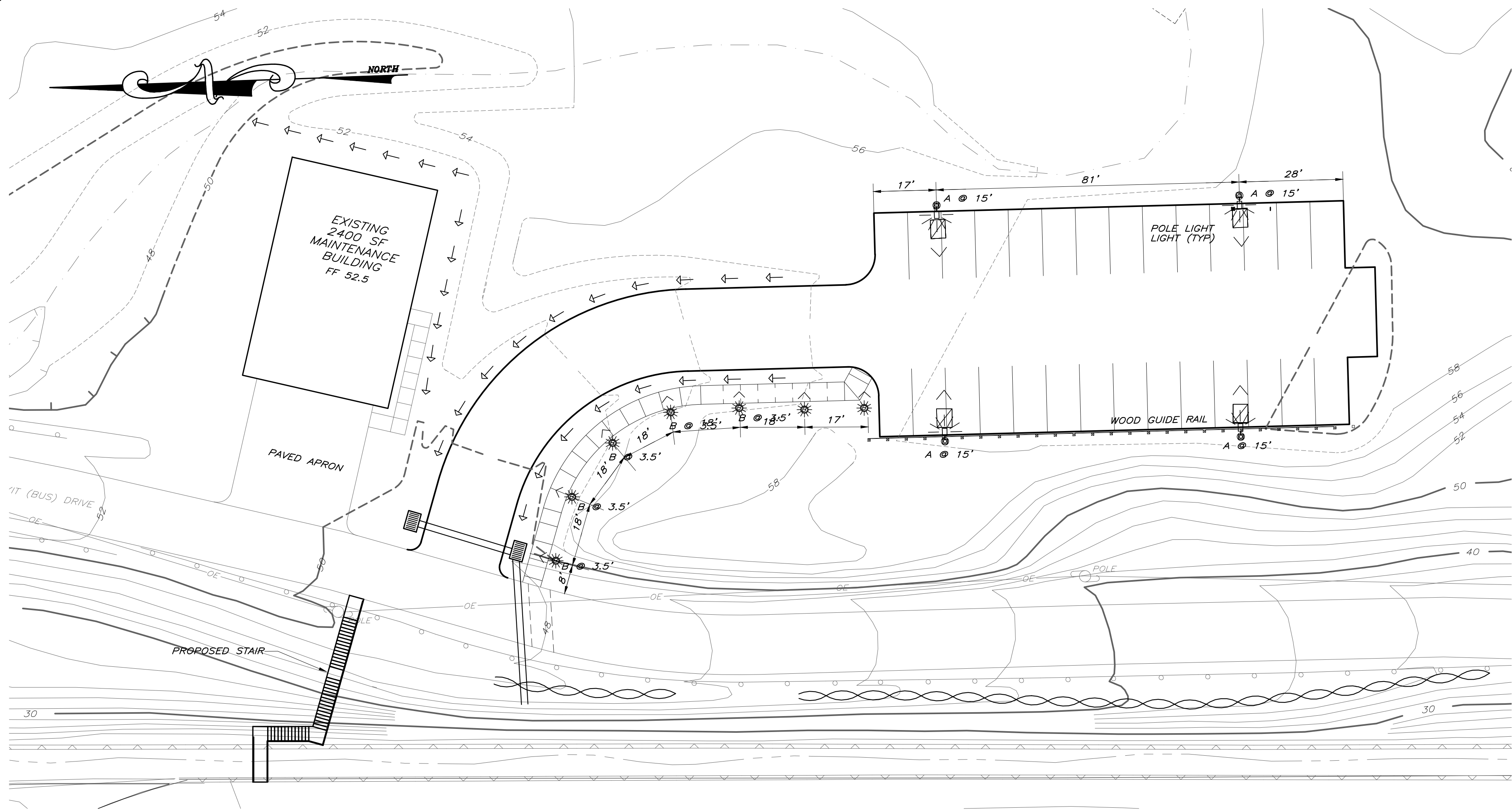
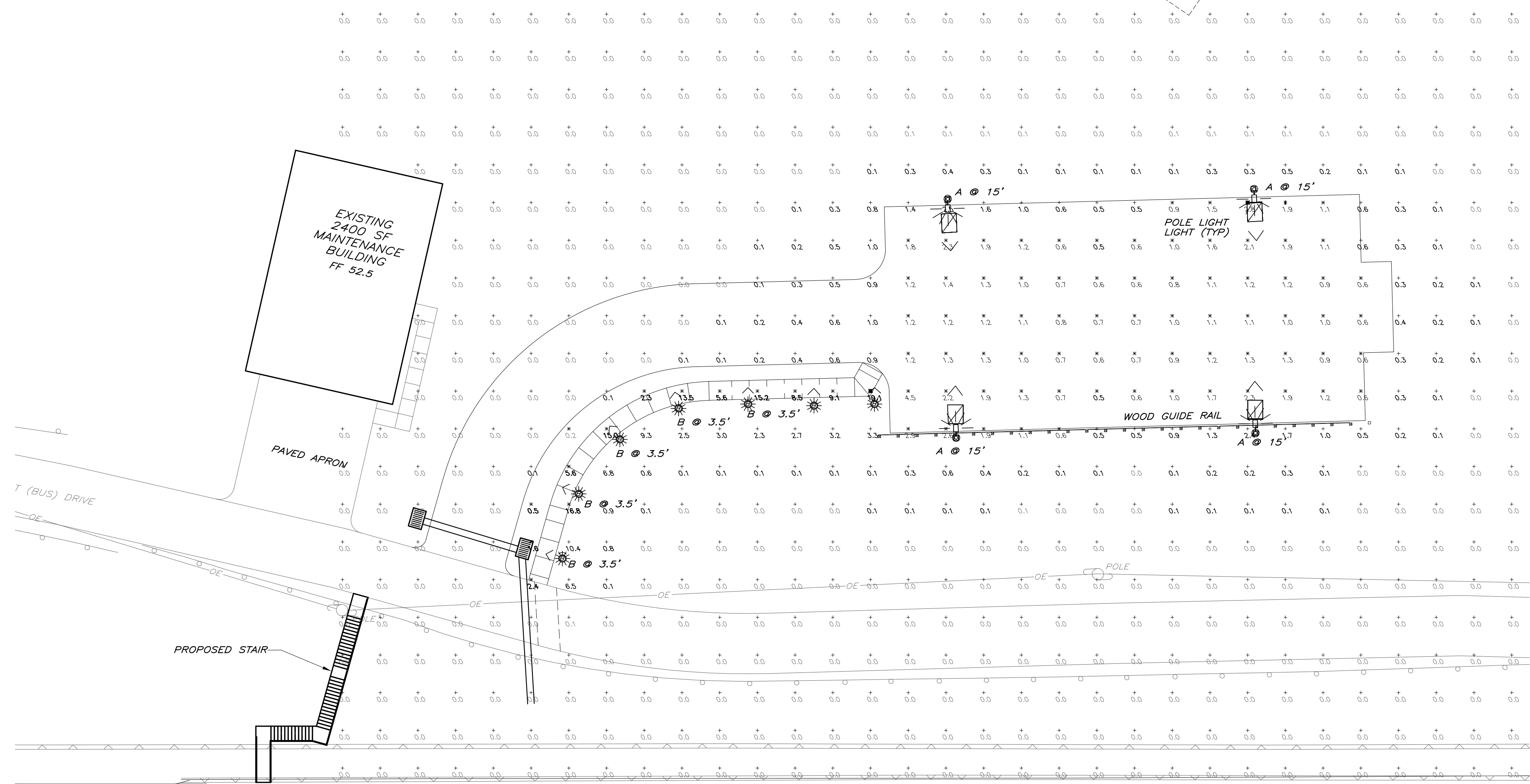




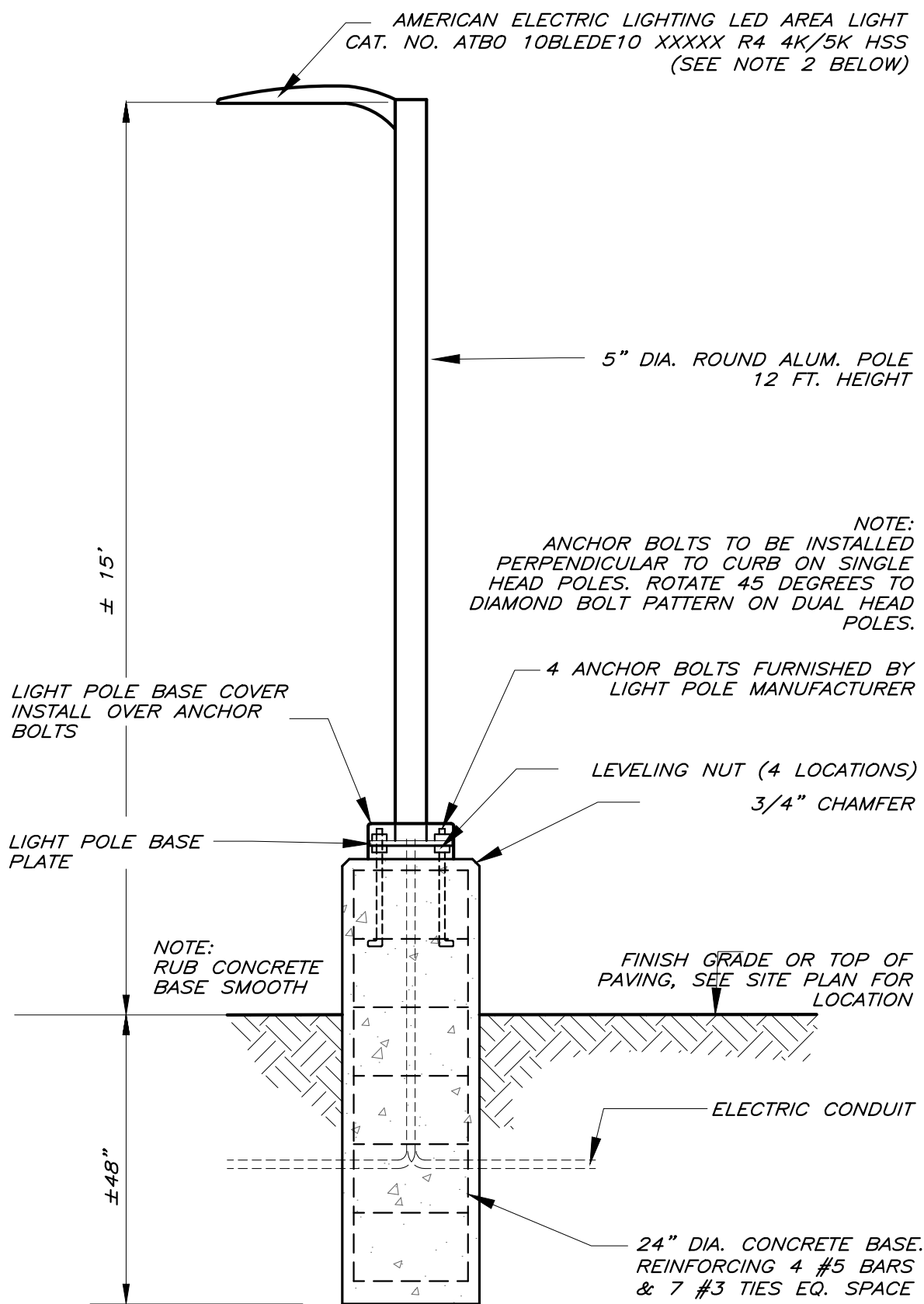
SITE LIGHTING

SCALE: 1" = 20'



SITE LIGHTING FOOTCANDLE VALUES

SCALE: 1" = 20'



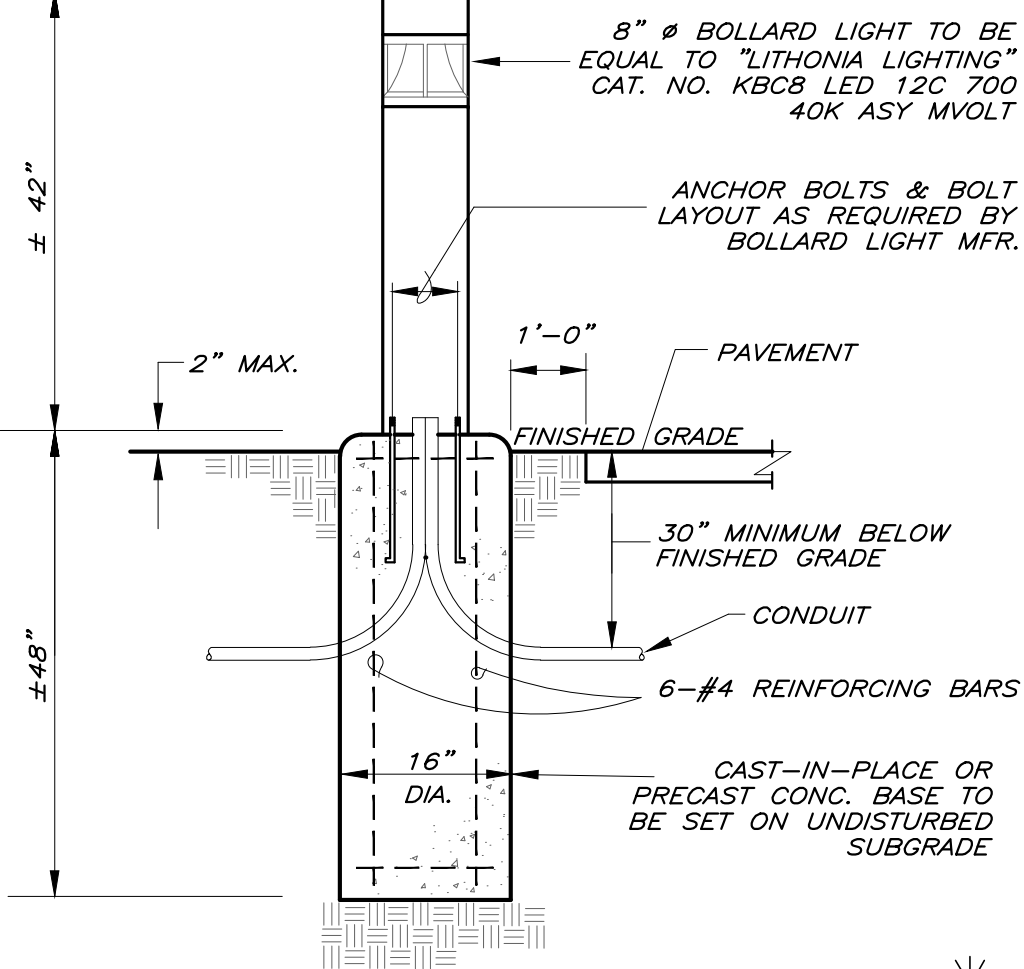
NOTES

- 1. THIS DRAWING REPRESENTS THE MINIMUM FOUNDATION REQUIREMENTS; IF MORE STRINGENT DRAWING IS SHOWN IN STRUCTURAL THEN IT SHALL GOVERN.
- 2. PROPOSED LIGHT FIXTURE SHALL BE CERTIFIED AS DARK SKY COMPLIANT, AND SHALL BE INSTALLED AND SHIELDED AS REQUIRED TO PREVENT THE LIGHT SOURCE FROM BEING SEEN FROM ANY ADJACENT RESIDENTIAL PROPERTY.

AREA LIGHT POLE

SEE SITE PLAN FOR POLE AND FIXTURE LOCATIONS AND ORIENTATIONS.

SCALE: N.T.S.



BOLLARD LIGHT DETAIL

SEE SITE PLAN FOR POLE AND FIXTURE LOCATIONS AND ORIENTATIONS.

SCALE: N.T.S.

AREA LIGHTING GENERAL NOTE

PROPOSED AREA LIGHTING IS INTENDED FOR SEASONAL (WINTER) USE WHEN NATURAL DAYLITE IS LOW OR ABSENT. LIGHTS ARE PLANNED TO BE OPERATIONAL FROM DUSK TO 7 PM AND 7 AM TO DAWN.

Schedule											
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	4	American Electric Lighting	ATB0 10BLEDE10 XXXXX R4 4K/5K HSS	ATB0 SERIES LED 1000MA TYPE 4 4000K/5000K CCT HSS	LED Array	1	ATB0_10BLEDE10_XXXXX_R4_4K_5K_HSS.ies	3346	0.98	37
	B	7	Lithonia Lighting	KBC8 LED 12C 700 40K ASY MVOLT	KBC8 WITH 3 LIGHT BOARDS (12 LEDs), 700mA DRIVER, 4000K COLOR TEMP, AND ASYMMETRIC OPTIC	LED	1	KBC8_LED_12C_700_40K_ASY_MVOLT.ies	2200	0.97	30

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT		1.3 fc	4.5 fc	0.5 fc	9.0:1	2.6:1
PATHWAY & SIDEWALK		8.2 fc	19.1 fc	0.2 fc	95.5:1	41.0:1
SPILL SUMMARY		0.3 fc	19.1 fc	0.0 fc	N/A	N/A

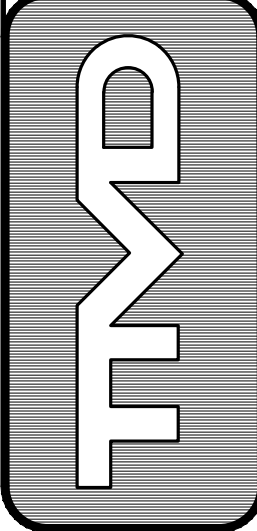
READINGS SHOWN PROVIDED BY "HALOPHANE SALES", ACUITY BRANDS LIGHTING, INC.
READINGS SHOWN ARE BASED ON A TOTAL LLF OF AS SHOWN AT GRADE. DATA REFERENCES THE EXTRAPOLATED PERFORMANCE PROJECTIONS IN A 25C AMBIENT BASED ON 10,000 HRS OF LED TESTING (PER IESNA LM-80-08 AND PROJECTED PER IESNA TM-21-11).



THIS DRAWING IS ONE IN A SET OF DRAWINGS & IS INCOMPLETE & INVALID WHEN IT IS SEPARATED FROM THIS SET.
Unauthorized alteration or addition to this drawing is a violation of Section 7209 (2) of the NYS Education Law.

NO.	DATE	DESCRIPTION	BY
1	12/27/19	RESPONSE TO REVIEW COMMENTS	DJW
2	1/6/19	ILLUMINANCE VALUES AND FIXTURE	DJW

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PROPOSED EMPLOYEE PARKING LOT
DIA CENTER FOR THE ARTS
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK

SEAL

TITLE
SITE LIGHTING

JOB 99021.PL

DATE JAN. 28, 2019

SCALE 1" = 20"

DWG.

SP5
OF 6