III-f | PHOTOMETRIC PLAN

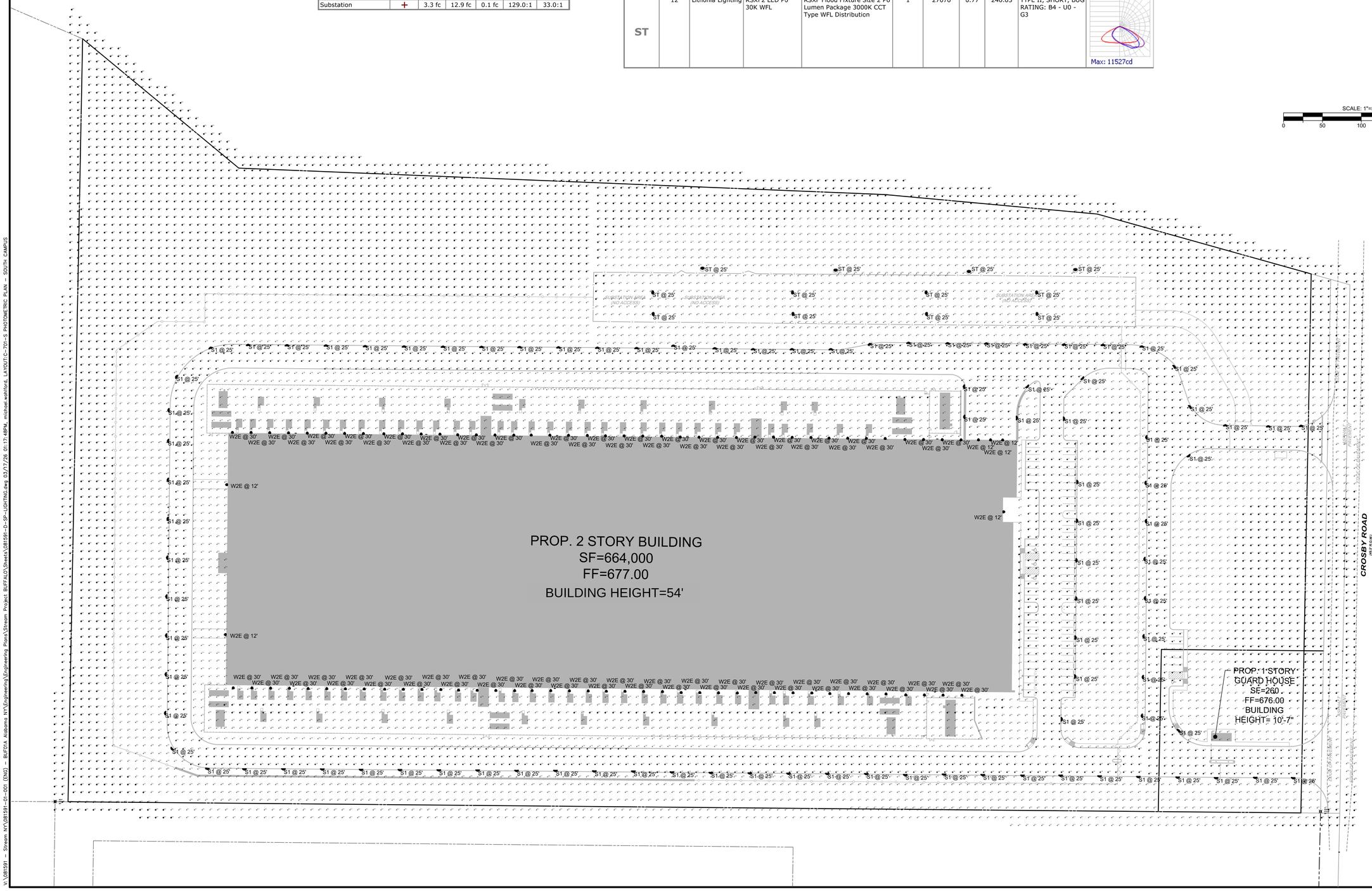
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081591-01-001-BldSE.dwg
081591-01-001-Site.dwg
DWG = 2026.03.11 South Bldg A Photometrics.DWG

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Beyond Pro - Stats 1	+	0.1 fc	0.2 fc	0.0 fc	N/A	N/A
Beyond Pro - Stats 2	+	0.0 fc	0.3 fc	0.0 fc	N/A	N/A
Landscaping 1	+	0.7 fc	2.2 fc	0.2 fc	11.0:1	3.5:1
Landscaping 2	+	1.5 fc	9.2 fc	0.2 fc	46.0:1	7.5:1
Landscaping 3	+	0.9 fc	2.7 fc	0.3 fc	9.0:1	3.0:1
Landscaping 4	+	0.2 fc	2.0 fc	0.0 fc	N/A	N/A
Landscaping 5	+	0.7 fc	8.2 fc	0.0 fc	N/A	N/A
Loading Dock Stats	+	3.7 fc	11.1 fc	2.1 fc	5.3:1	1.8:1
North Equipment Yard	+	2.0 fc	3.3 fc	0.9 fc	3.7:1	2.2:1
Roadway - East	+	1.9 fc	3.1 fc	0.5 fc	6.2:1	3.8:1
Roadway - East Par	+	1.4 fc	2.3 fc	0.6 fc	3.8:1	2.3:1
Roadway - North	+	2.2 fc	4.0 fc	1.3 fc	3.1:1	1.7:1
Roadway - South	+	1.9 fc	2.4 fc	1.3 fc	1.8:1	1.5:1
Roadway - West	+	2.0 fc	2.5 fc	1.4 fc	1.8:1	1.4:1
Roadway Stats		2.0 fc	4.0 fc	0.5 fc	8.0:1	4.0:1
South Equipment Yard	+	0.8 fc	3.2 fc	0.3 fc	10.7:1	2.7:1
Substation	+	3.3 fc	12.9 fc	0.1 fc	129.0:1	33.0:1

Schedule

Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage	Distribution	Polar Plot
S1	93	Lithonia Lighting	DSX0 LED P3 30K 70CRI T3M	D-Series Size 0 Area Luminaire P3 Performance Package 3000K CCT 70 CRI Type 3 Medium	1	8439	0.77	68.95	TYPE IV, MEDIUM, BUG RATING: B2 - U0 - G3	Max: 7064cd
W2E	86	Lithonia Lighting	WDGE2 LED P4 30K 80CRI VF	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 80CRI, VISUAL COMFORT FORWARD OPTIC	1	4247	0.77	34.96	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1	Max: 2240cd
ST	12	Lithonia Lighting	RSXF2 LED P6 30K WFL	RSXF Flood Fixture Size 2 P6 Lumen Package 3000K CCT Type WFL Distribution	1	27076	0.77	246.63	TYPE II, SHORT, BUG RATING: B4 - U0 - G3	Max: 11527cd



SCALE: 1"=50'
0 50 100 200 ft.

12	11	10	9	8	7							DATE	CHKD
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												DATE	CHKD
6	5	4	3	2	1							03-17-26	
													REVISION
						REVISED PER TOWN COMMENTS							

PROJ. - 081591-01-001
DATE - JANUARY 6, 2026
CHKD. PDQ

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Bowman Consulting Engineering, Land Surveying & Landscape Architecture
DOS ID: 2948133
NYS COA #: 28479
PH: 973-539-8405
FAX: 973-539-8455
E-mail: NJBBowman@Bowmanllc.com
www.bowmanconsulting.com
Parsippany, New Jersey 07054
61 Centre Street, Suite 201

ERIC L. KELLER, N.Y. Professional Engineer, Lic. 065234-1

BUFA - PROJECT DOUBLE REED NORTH AND SOUTH CAMPUS
PHOTOMETRIC PLAN - SOUTH CAMPUS

TOWN OF ALABAMA, GENESEE COUNTY, NEW YORK

SHEET No.

C-701-S

STAMPS: NONE

W:\081591 - Stream NY\081591-01-001 (ENG) - BUFFALO Alabama NY\Engineering\Engineering Plans\Stream Project BUFFALO\Sheets\081591-D-SP-LIGHTING.dwg 03/17/26 01:17:48PM michael.wolford, LAYOUT:C-701-S PHOTOMETRIC PLAN

MATCHLINE SEE SHEET C-703-N FOR CONTINUATION

PROP. 2 STORY BUILDING
SF=664,000
FF=674.00
BUILDING HEIGHT=54'

PROP. 2 STORY BUILDING
SF=664,000
FF=676.00
BUILDING HEIGHT=54'

PROP. 1 STORY GUARD HOUSE SF=260 FF=675.00 BUILDING HEIGHT=10'-7"

GRAVEL ROAD

GRAVEL

GATE

CROSBY ROAD (49.5' R.O.W.)

ASPHALT PAVEMENT

EDGE OF PAVEMENT

300' OF 12" P.V.C. @ 1.50%

300' OF 12" P.V.C. @ 0.50%

ASPHALT

GRAVEL SHOULDER

ELEC. METER

SCALE: 1"=50'

0 50 100 200 ft.

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1	REVISED PER TOWN COMMENTS	03-17-26
	REVISION	DATE CHKD

PROJ.: 081591-01-001
DATE: JANUARY 9, 2026
DRAWN BY: M.W.L. & ARTHUR
CHKD: PDQ

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Bowman Consulting Engineering, Land Surveying & Landscape Architecture
C. Certificate of Authorization No. 24GA28000300
Parsippany, New Jersey 07054
DOS ID: 2364131
PH: 973-335-8570
FAX: 973-359-8455
E-mail: NJ@BowmanConsulting.com
www.bowmanconsulting.com

ERIC L. KELLER, N.Y. Professional Engineer, Lic. 065234-1

BUFA - PROJECT DOUBLE REED
NORTH AND SOUTH CAMPUS

PHOTOMETRIC PLAN - NORTH CAMPUS

TOWN OF ALABAMA, GENESEE COUNTY, NEW YORK

SHEET No.

C-702-N

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081591-01-SP-BOX.dwg
081591-01-SP-POLE.dwg

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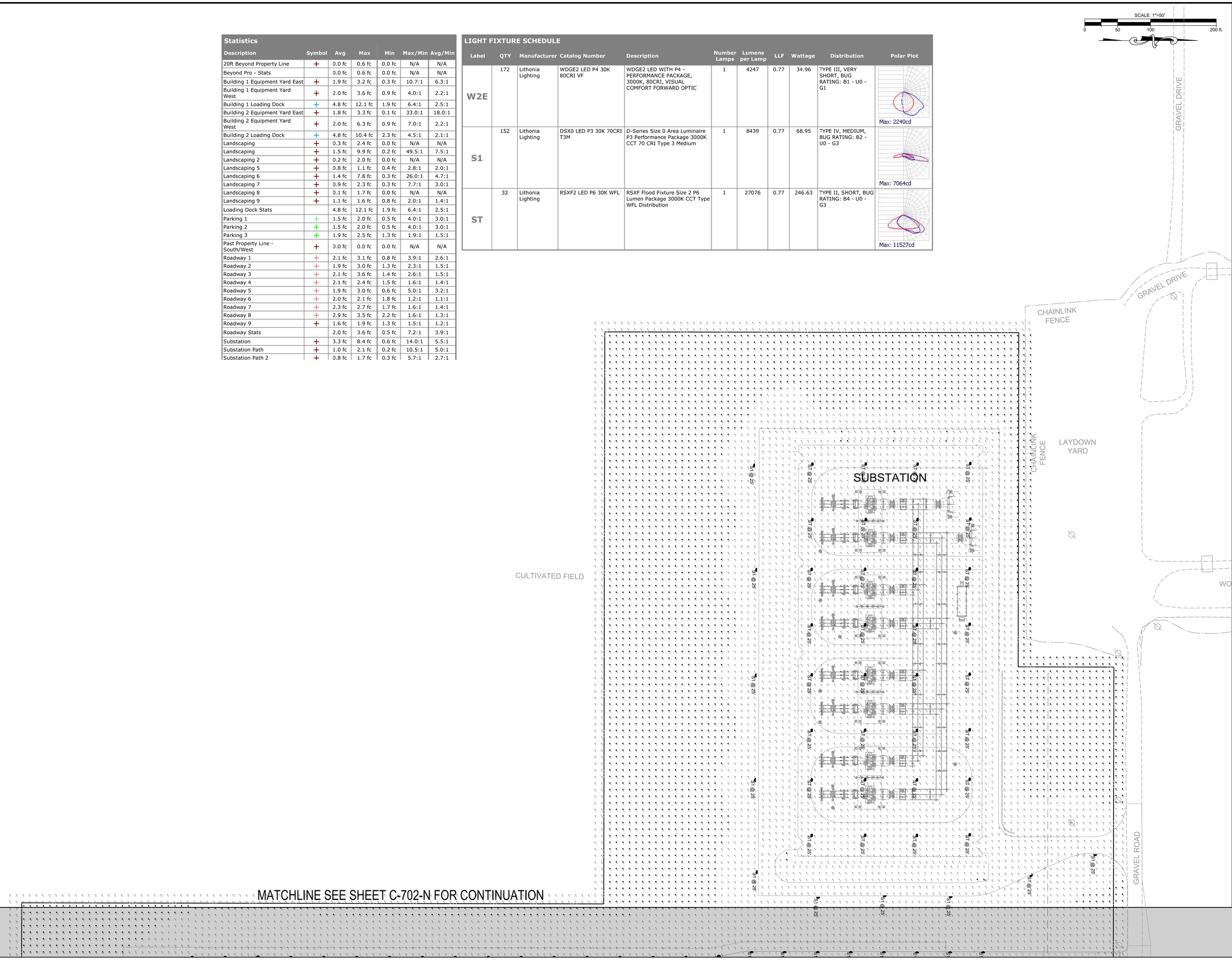
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081591-02-SP-BOQ.dwg
081591-D-SP-BOQ.dwg

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
20ft Beyond Property Line	+	0.0 fc	0.6 fc	0.0 fc	N/A	N/A
Beyond Pro - Stats		0.0 fc	0.6 fc	0.0 fc	N/A	N/A
Building 1 Equipment Yard East	+	1.9 fc	3.2 fc	0.3 fc	10.7:1	6.3:1
Building 1 Equipment Yard West	+	2.0 fc	3.6 fc	0.9 fc	4.0:1	2.2:1
Building 1 Loading Dock	+	4.8 fc	12.1 fc	1.9 fc	6.4:1	2.5:1
Building 2 Equipment Yard East	+	1.8 fc	3.3 fc	0.1 fc	33.0:1	18.0:1
Building 2 Equipment Yard West	+	2.0 fc	6.3 fc	0.9 fc	7.0:1	2.2:1
Building 2 Loading Dock	+	4.8 fc	10.4 fc	2.3 fc	4.5:1	2.1:1
Landscaping	+	0.3 fc	2.4 fc	0.0 fc	N/A	N/A
Landscaping	+	1.5 fc	9.9 fc	0.2 fc	49.5:1	7.5:1
Landscaping 2	+	0.2 fc	2.0 fc	0.0 fc	N/A	N/A
Landscaping 5	+	0.8 fc	1.1 fc	0.4 fc	2.8:1	2.0:1
Landscaping 6	+	1.4 fc	7.8 fc	0.3 fc	26.0:1	4.7:1
Landscaping 7	+	0.9 fc	2.3 fc	0.3 fc	7.7:1	3.0:1
Landscaping 8	+	0.1 fc	1.7 fc	0.0 fc	N/A	N/A
Landscaping 9	+	1.1 fc	1.6 fc	0.8 fc	2.0:1	1.4:1
Loading Dock Stats		4.8 fc	12.1 fc	1.9 fc	6.4:1	2.5:1
Parking 1	+	1.5 fc	2.0 fc	0.5 fc	4.0:1	3.0:1
Parking 2	+	1.5 fc	2.0 fc	0.5 fc	4.0:1	3.0:1
Parking 3	+	1.9 fc	2.5 fc	1.3 fc	1.9:1	1.5:1
Past Property Line - South/West	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
Roadway 1	+	2.1 fc	3.1 fc	0.8 fc	3.9:1	2.6:1
Roadway 2	+	1.9 fc	3.0 fc	1.3 fc	2.3:1	1.5:1
Roadway 3	+	2.1 fc	3.6 fc	1.4 fc	2.6:1	1.5:1
Roadway 4	+	2.1 fc	2.4 fc	1.5 fc	1.6:1	1.4:1
Roadway 5	+	1.9 fc	3.0 fc	0.6 fc	5.0:1	3.2:1
Roadway 6	+	2.0 fc	2.1 fc	1.8 fc	1.2:1	1.1:1
Roadway 7	+	2.3 fc	2.7 fc	1.7 fc	1.6:1	1.4:1
Roadway 8	+	2.9 fc	3.5 fc	2.2 fc	1.6:1	1.3:1
Roadway 9	+	1.6 fc	1.9 fc	1.3 fc	1.5:1	1.2:1
Roadway Stats		2.0 fc	3.6 fc	0.5 fc	7.2:1	3.9:1
Substation	+	3.3 fc	8.4 fc	0.6 fc	14.0:1	5.5:1
Substation Path	+	1.0 fc	2.1 fc	0.2 fc	10.5:1	5.0:1
Substation Path 2	+	0.8 fc	1.7 fc	0.3 fc	5.7:1	2.7:1

LIGHT FIXTURE SCHEDULE

Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage	Distribution	Polar Plot
W2E	172	Lithonia Lighting	WDGE2 LED P4 30K 80CRI VF	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 80CRI, VISUAL COMFORT FORWARD OPTIC	1	4247	0.77	34.96	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1	Max: 2240cd
S1	152	Lithonia Lighting	DSX0 LED P3 30K 70CRI T3M	D-Series Size 0 Area Luminaire P3 Performance Package 3000K CCT 70 CRI Type 3 Medium	1	8439	0.77	68.95	TYPE IV, MEDIUM, BUG RATING: B2 - U0 - G3	Max: 7064cd
ST	32	Lithonia Lighting	RSXF2 LED P6 30K WFL	RSXF Flood Fixture Size 2 P6 Lumen Package 3000K CCT Type WFL Distribution	1	27076	0.77	246.63	TYPE II, SHORT, BUG RATING: B4 - U0 - G3	Max: 11527cd



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PROJ. 081591.01.001
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Bowman Consulting Engineering, Land Surveying & Landscape Architecture
85 Century Drive, Suite 207
Parsippany, New Jersey 07054
www.bowmanconsulting.com
DOS ID: 2348131
PH: 973-359-8400
FAX: 973-359-8455
E-mail: NJ@BowmanConsulting.com

ERIC L. KELLER, N.Y. Professional Engineer, Lic. 065234-1

BUFA - PROJECT DOUBLE REED NORTH AND SOUTH CAMPUS
PHOTOMETRIC PLAN - NORTH CAMPUS

TOWN OF ALABAMA, GENESEE COUNTY, NEW YORK

SHEET No.

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V:\081591 - Stream NY\081591-01-001 (ENG) - BUFO1A Alabama, NY\Engineering\Engineering Plans\Stream Project BUFFALO 2\Sheets\081591-D-SP2-LIGHTING.dwg 03/17/26 02:03:32PM, michaelwolford, LAYOUT: C-702-N PHOTOMETRIC PLAN - NORTH CAMPUS