III-f | PHOTOMETRIC PLAN

XREFS: 081591-D-SP-BDR.dwg
081591-01-001-PBASE.dwg
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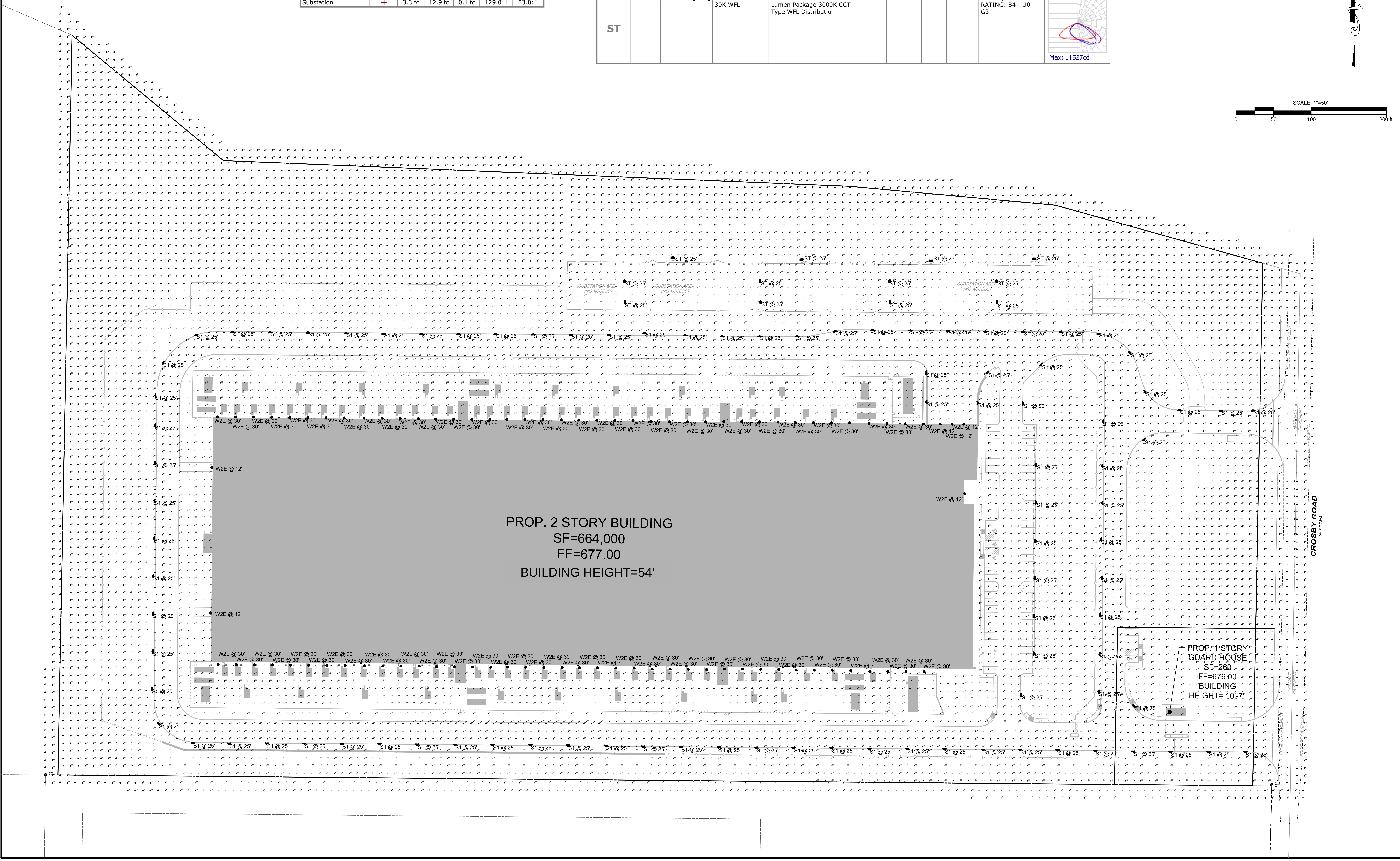
DWG - 2026.03.11 South BUFA Photometrics.DWG

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



V:\081591 - Stream NY\081591-01-001 (ENG) - BUF01A Alabama NY\Engineering\Engineering Plans\Stream Project BUFFALO\Sheets\081591-D-SP-LIGHTING.dwg 03/17/26 01:17:48PM, michael.wohlford, LAYOUT: C-701-S PHOTOMETRIC PLAN - SOUTH CAMPUS

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PROJ.: 081591-01-001
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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

XREFS: 081591-02-002-PBASE.dwg
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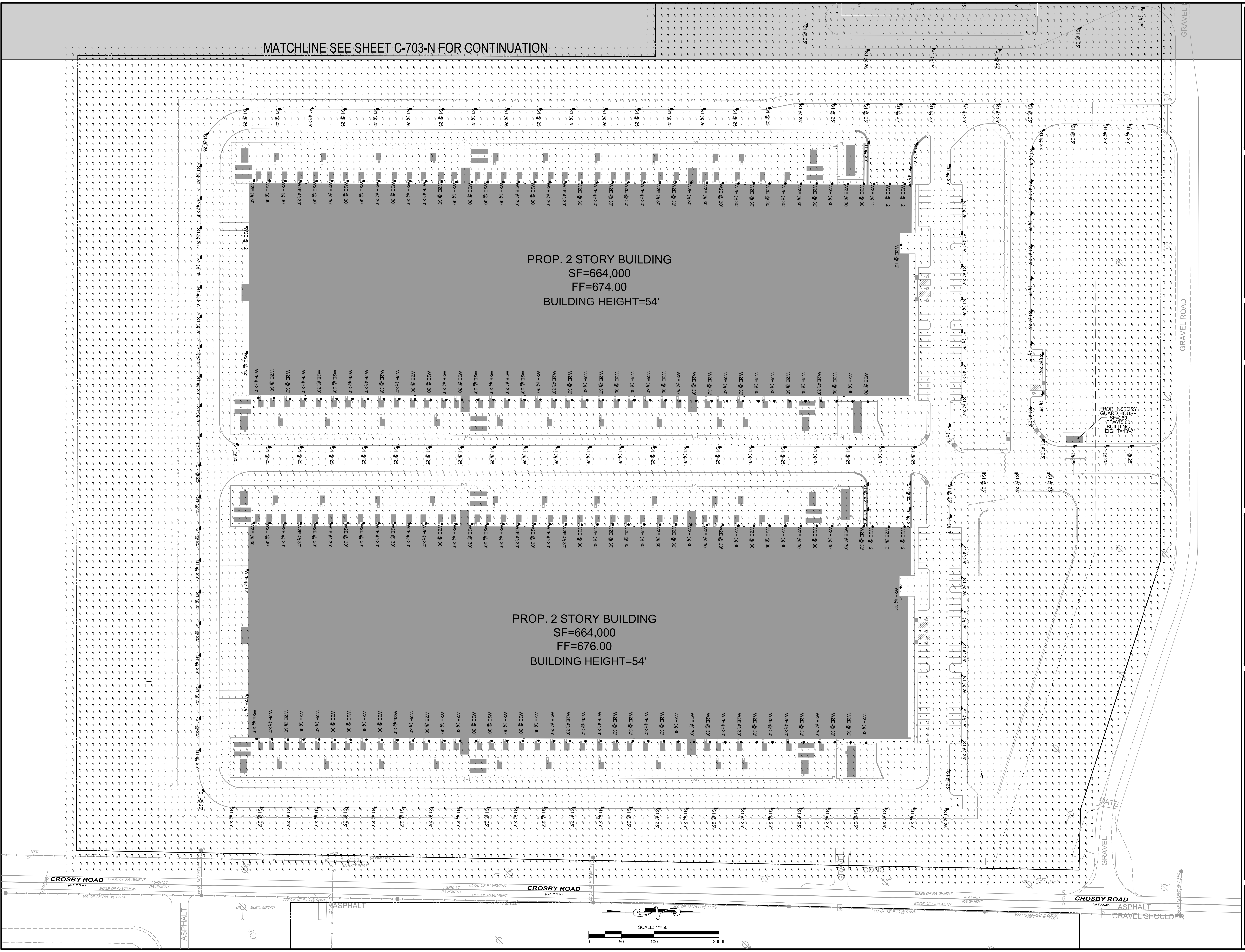
V:\081591 - Stream NY\081591-01-001 (ENG) - BUF01A Alabama NY\Engineering\Engineering Plans\Stream Project BUFFALO 2\Sheets\081591-D-SP2-LIGHTING.dwg 03/17/26 02:01:27PM, michael.wohlford, LAYOUT:C-702-N PHOTOMETRIC PLAN - NORTH CAMPUS



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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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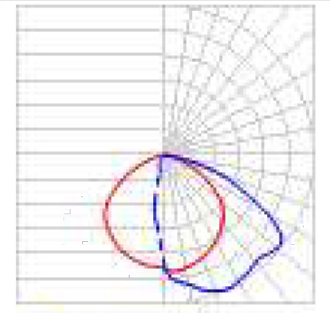
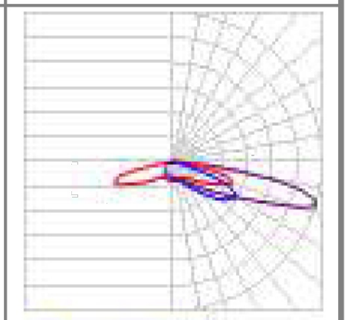
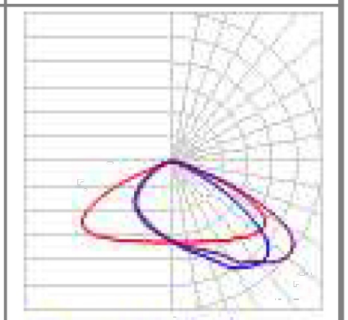
081591-02-002-XBASE-SURVEY.dwg
081591-D-SP-BDR.dwg

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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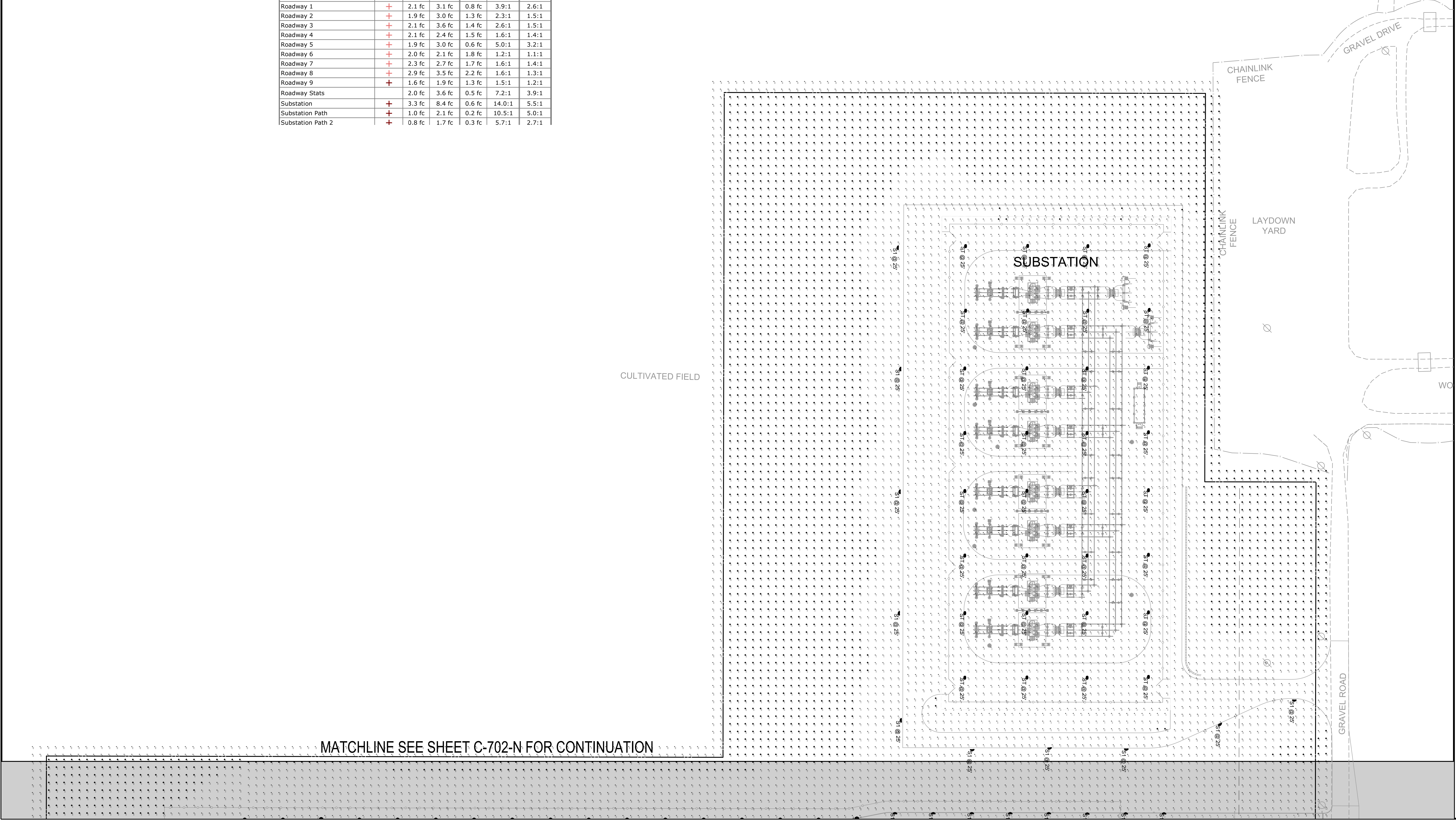

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