





LADERA LINDA  
COMMUNITY PARK PROJECT:  
32201 Forrest Drive  
Rancho Palos Verdes, CA 90275

CITY OF  
RANCHO PALOS VERDES:  
30940 Hawthorne Blvd.  
Rancho Palos Verdes, CA 90275

ARCHITECT

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ASI 004 rev1

TYPE	LUMINAIRE DESCRIPTION	PHOTO	MANUFACTURER	LUMINAIRE PART NUMBER	TOTAL WATTAGE	VOLTAGE	BALLAST/TRANS/DRV	LAMP/LUMENS	COLOR	CONTROL TYPE	MOUNTING	LOCATION	NOTES
<b>B1</b>	Recessed 4" wall mounted low output LED luminaire with white flush lens, drywall mud flange. Lens is flush with wall surface. Mirror is hung in front of fixture. Coordinate luminaire with mirror as shown by architect.		Lumenwerx	VIA3RV-HLO-FH-LED-80-500-35-4-UNV-D1-1-DMF-W	19	Universal	Integral 1% dimming	500 Lumens/ft	3500K	0-10V	Recessed Wall	Restrooms	Coordinate with waterwhite or low iron mirror. Mount behind sandblasted area or removed silver backing. Mirror should be gasketed between luminaire and back of mirror to prevent light leakage from sides.
<b>C1</b>	Suspended direct/indirect 18'-6" linear pendant with 500 lumen/ft direct output, 500 lumen/ft indirect output, separate control circuits for direct and indirect loads. Seismic mounting. Black finish with black canopies and cord.		Lumenwerx	VIA3P-D-HLO-FH-WI02-SW-80-500-350-30-18'-6"-UNV-D1-2-ACC(3NPC-36"-B-PCB-SEM)	140	Universal	Integral 1% dimming	500 lumens/ft indirect 500 lumens/ft direct	3000K	0-10V	Pendant/Suspended	Meeting/Discovery	Contractor to mount top of luminaire at bottom of cove per architectural detail.
<b>E1</b>	Multi-face adjustable recessed or surface mount LED edge-lit exit sign with battery backup. Green lettering. Silver finish.		Contech Lighting	REXA-MF-G-EM-S	3	Universal	Integral Elect	NA	Green	Non-Dim	As required	As required	
<b>F1</b>	Recessed 20' linear LED luminaire with flush lens, regular 9/16" ceiling integration.		Lumenwerx	VIA3R-HLO-FH-LED-80-500-30-20FT-UNV-D1-1-TG5-W	95	Universal	Integral dimming <1%	500 lumens/ft	3000K	0-10V	Recessed	Interiors	Contractor to verify ceiling condition and coordinate prior to ordering
<b>F2</b>	Recessed 6' linear LED wall wash luminaire with drywall trimless mounting for casework.		Lumenwerx	VIA3R-WR02-LED-80-750-30-6"-UNV-D1-1-DT1	42.75	Universal	Integral dimming <1%	750 lumens/ft	3000K	0-10V	Recessed	Casework	Contractor to verify mounting condition and coordinate with millwork prior to ordering.
<b>F3</b>	Surface mounted 4" LED luminaire with frosted, curved acrylic lens, wide distribution. Paint after fabrication.		Columbia	MPS4-35-LW-C-W-E-UPAF	34.4	Universal	Integral non-dim	4043 Lumens	3500K	Occupancy Sensor	As required	Storage	
<b>F4</b>	Recessed 2' diameter sky dome LED luminaire with flush acrylic lens and mud-in flange. Low output.		Prudential	P9020-LED3-LO-FWA-TMW-SC-UNV-X7-DM01	35	Universal	Integral 1% dimming	2100 Lumens	3000K	0-10V	Recessed mud-in	Kitchen	Contractor to verify ceiling condition and coordinate prior to ordering
<b>F6A</b>	Recessed 20' linear LED luminaire with flush lens, drywall mud flange.		Lumenwerx	VIA3R-HLO-FH-LED-80-500-30-20FT-UNV-D1-1-DMF-W	95	Universal	Integral dimming <1%	500 lumens/ft	3000K	0-10V	Recessed	Office	Contractor to verify ceiling condition and coordinate prior to ordering
<b>F6B</b>	Recessed 15'-6" linear LED luminaire with flush lens, drywall mud flange.		Lumenwerx	VIA3R-HLO-FH-LED-80-500-30-15'-6"-FT-UNV-D1-1-DMF-W	74	Universal	Integral dimming <1%	500 lumens/ft	3000K	0-10V	Recessed	Workroom	Contractor to verify ceiling condition and coordinate prior to ordering
<b>H1</b>	Recessed square 4.75" x 4.75" flangeless (LA) downlight with high matte silver reflector. Integral dimming driver to 1%. Provide with LA luminaire housing.		Zumtobel	PANOS-D-F-140-S-H-11W-830-MS-F/PANOS-FE-140DL-S-11W-DA-1	13	120	Integral dimming <1%	1496 Lumens	3000K	0-10V	Recessed mud-in	General	
<b>H2</b>	Recessed 6" LED round downlight with 60° optic. Haze alzak clear reflector with white flange.		Opus Lighting	886-RD-SW80-35K-21LM-U-DIMA1-BW-AHZ-WH	19	Universal	Integral 1% dimming	2130 Lumens	3500K	0-10V	Recessed	Restrooms	
<b>H3</b>	nickel brush plated Recessed square 4" x 4" downlight with clear anodized 55° reflector, polished nickel chrome plated bezel and trim. Provide with ceiling frame with hanger bars and butterfly bracket kit. Integral dimming driver to 1%.		Opus Lighting	SB4-RD-SW90-30K-15LM-U-DIMA1-BW-ACL-NC-HBH	19	Universal	Integral dimming <1%	1515 Lumens	3000K	0-10V	Recessed	Breezeway	
<b>K1</b>	Recessed wall mounted LED steplight. Luminaire modified for low output with 170 delivered lumens. Black finish.		Bega	33-054-K3-BLK_MOD	4	Universal	Integral non-dim	170 Lumens	3000K	Scheduled Time Clock	Recessed Wall	Ramp to high tier	BUG rating B0-U1-G1
<b>L1</b>	Suspended ring mount low voltage LED downlight for mounting in tree with hexcell louver and 90 degree recessed cap. Provide with EmeryAllen LED 60 deg MR16 LED lamp (EA-MR16-5.0W-60D-3090-D). Provide with QTran MLV transformer (QSET-XX-120/12) in Q-Vault-5 burial box. Bronze wrinkle finish.		BK Lighting	RM-25-AR-MR-0-BZW-9-11-E	5	12V	Remote 1% dimming	392 Lumens	3000K	MLV	Tree Ring	Trees	Mount with stainless steel hook to allow for tree growth. Do not use brass or other material screws. See mounting details for additional information.
<b>L2</b>	Ground stake mounted low voltage LED luminaire with 45 degree cutoff cap, hexcell louver. Provide with EmeryAllen LED 60 deg MR16 LED lamp (EA-MR16-5.0W-60D-3090-D). Provide with QTran MLV transformer (QSET-XX-120/12) in Q-Vault-5 burial box. Bronze wrinkle finish.		BK Lighting	DS-MR-0-BZW-9-11-A-360SL/KMI-BZW	5	12V	Remote 1% dimming	392 Lumens	3000K	MLV	Stake mount	Trees	One Q-Vault-5 burial box accommodates two transformers. One transformer per tree.
<b>L3</b>	Tree mounted low voltage LED luminaire with wide flood optic and bolt-on tree mount with stainless steel screws. Bronze living patina extra dark finish.		Aurorilight	LSL10-60-WF-30D-BTM-BLP-XD	3	12	Remote 1% dimming	300 Lumens	3000K	MLV	Bolt on Tree Mount	Trees	Use only stainless steel screws. Brass or copper screws are not acceptable. See mounting details for more information on mounting to provide for tree growth. Do not use tree strap.
<b>P1A</b>	Pole mounted single LED luminaire with integrated motion sensor on outrigger arm. Provide with Bega 13' OAH straight round aluminum pole. Mount on 2'-6" concrete base. Black finish with marine grade undercut and Undure powdercoat. Factory programmed reduced output to 1600 lumens maximum.		Bega	MOD02933-77718 / FPRO / EMS Custom Pole	20	Universal	Integral non-dim	1600 Lumens	3000K	Scheduled Time Clock	Pole	Parking	Provide base cover for mounting bolts. Black finish. BUG rating B1-U0-G1
<b>P1AC</b>	Pole mounted single LED luminaire with integrated motion sensor on outrigger arm. Provide with Bega 13' OAH straight round aluminum pole. Mount on 2'-6" concrete base. Black finish with marine grade undercut and Undure powdercoat. Factory programmed reduced output to 1600 lumens maximum.		Bega	MOD02933-77718 / FPRO / EMS Custom Pole w/cameras	20	Universal	Integral non-dim	1600 Lumens	3000K	Scheduled Time Clock	Pole	Parking	Provide base cover for mounting bolts. Black finish. BUG rating B1-U0-G1. See security plans for camera location and information. Coordinate with security consultant.
<b>P1B</b>	Pole mounted twin LED luminaires with integrated motion sensor on outrigger arms at 180°. Provide with Bega 13' OAH straight round aluminum pole. Mount on 2'-6" concrete base. Black finish with marine grade undercut and Undure powdercoat. Factory programmed reduced output to 1600 lumens each luminaire.		Bega	MOD02933-77736 / FPRO / EMS Custom Pole	40	Universal	Integral non-dim	1600 Lumens each luminaire	3000K	Scheduled Time Clock	Pole	Parking	Provide base cover for mounting bolts. Black finish. BUG rating B1-U0-G1
<b>P2</b>	Pole mounted twin LED luminaires in 90° orientation with integrated motion sensor. Provide with Bega 15' OAH straight round aluminum pole. Mount on 2'-6" concrete base. Black finish with marine grade undercut and Undure powdercoat. Factory programmed reduced output to 1600 lumens each luminaire maximum.		Bega	MOD03014-(2) 99426 Custom arm / EMS	40	Universal	Integral non-dim	1600 Lumens each luminaire	3000K	Scheduled Time Clock	Pole	Site	Thumbnail image shows one luminaire. Pole configuration is two luminaires. Provide base cover for mounting bolts. Black finish. Coordinate pole with security camera requirements. BUG rating B1-U0-G1
<b>P3</b>	Ground mounted 47" LED bollard reduced output to 375 lumens. Black finish.		Bega	84-107-K3-BLK-FPRO-375-MOD	4	Universal	Integral non-dim	375 lumens	3000K	Scheduled Time Clock	Grade	Low tier walking path	BUG rating B0-U1-G1
<b>X1</b>	Wall mounted LED luminaire. Black finish.		Bega	22-385-K3-BLK	16	Universal	Integral non-dim	939 Lumens	3000K	Scheduled Time Clock	Wall	Mechanical	BUG rating B0-U1-G1
<b>X2</b>	In-grade LED luminaire with stainless steel trim and tempered glass lens non-skid diffuser. Wet location listed, IP68. Reduce lumen package to 1600 lumens maximum.		Bega	84-294-K3-NSD-FPRO	18	Universal	Integral 10% dimming	1600 Lumens	3000K	0-10V	In-grade	Building exterior	
<b>Z1</b>	Surface mounted LED flexible tape system with aluminum extrusion Contour 0002, low-opal lens (12000013), and remote driver (D-REM-090W-DIM-UNV-IPS). Provide with endcaps, mounting clips as required for a complete installation. Length as shown on drawings.		LED Linear	VarioLED Flex-Nexus-HD10-W930	2.9W/FT	24/120	Remote dimming <1%	260 Lumens/ft	3000K	0-10V	Surface	Undercabinet	

The drawings and specifications, ideas, designs, and arrangements are and shall remain the property of the architect. No part thereof shall be copied or used in whole or in part without the written consent of the architect. Visual contact with the drawings or specifications shall constitute evidence of acceptance of these restrictions.

Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall be advised that the architect has not made any variation from the drawings. Any variation from the drawings, whether intentional or otherwise, shall be submitted to this office for approval before proceeding with fabrication.

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ARCHITECTS / ENGINEER'S STAMP

CITY APPROVALS

PERMIT RESUBMITTAL 12.30.21  
100% CD 11.29.21  
50% CD 06.01.21  
100% DD 11.21.19  
50% DD 10.14.19  
100% SD 07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE:

LUMINAIRE SCHEDULE

SCALE: NTS DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #:

SHEET:



LT0.2



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ISSUES/REVISIONS

No. Issue Date

**LIGHTING  
CONTROL  
DEVICE  
SCHEDULE**

SCALE: NTS DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #:

SHEET:

LT0.3



TYPE	DEVICE DESCRIPTION	PHOTO	MANUFACTURER	PART NUMBER	PROTOCOL	CAPACITY	VOLTAGE	COLOR	LOCATION	NOTES
<b>Q1</b>	2-button keypad with raise/lower.		Lutron	QSWS2-2BRLI-XX-xx	Lutron QS Link		Class 2 24-26V 30ma			
<b>Q2</b>	3-button keypad with raise/lower.		Lutron	QSWS2-3BRLI-XX-xx	Lutron QS Link		Class 2 24-26V 30ma			
<b>Q3</b>	5-button keypad with raise/lower.		Lutron	QSWS2-5BRLI-XX-xx	Lutron QS Link		Class 2 24-26V 30ma			
<b>Q4</b>	Line voltage on/off switch.		Lutron	CA-1PSH-XX	Non-Dim		120V			
<b>Q8</b>	Keyswitch device with 3 position momentary contact. White finish.		Lutron	QSWS2-KSI3MOC-WH	Lutron QS Link			White		
<b>Q10</b>	Line Voltage wall mounted single-zone occupancy sensor. Auto on/auto off.		Lutron	MS-A102-XX	Non-Dim	10A	120V			Verify device color with architect prior to ordering.
<b>Q20</b>	Ceiling mounted wireless occupancy/vacancy sensor.		Lutron	LRF2-OCR2B-P-WH	Wireless		Battery	White		
<b>Q24</b>	Ceiling mounted daylight sensor		Lutron	LRF2-DCRB-WH	Wireless		Battery	White		
<b>Q25</b>	Ceiling mounted gateway for wireless communication to other devices in the system.		Lutron	QSM2-4W-C	Lutron QS Link		Class 2 24-26V 30ma	White		POE
<b>Q30</b>	Control system processor.		Lutron	QP5-2L-POE	Lutron QS Link		Universal	Black		
<b>Q31</b>	Four-zone 0-10V lighting control panel.		Lutron	QSN-4T16-S	Lutron QS Link	20A	Universal	Blue		
<b>Q32</b>	Four-zone receptacle control.		Lutron	QSN-4S20-S	Lutron QS Link	20A	Universal	Blue		
<b>Q33</b>	AV Interface		Lutron	QSE-CI-NWK	Lutron QS Link			Black		Mounts directly to wall. Input via QS Link, output via ethernet or RS232. Integrates AV devices with wall controls.
<b>Q34</b>	Contact closure input/output.		Lutron	QSE-IO	Lutron QS Link			Black		Mounts directly to wall. Input via QS link, output via contact closure.
<b>Q35</b>	Emergency lighting interface for single or three phase. Requires PP-DV power supply.		Lutron	LUT-ELI-3PH		20A	Universal	White		



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CITY APPROVALS

ZONE	LUMINAIRE TYPE	QTY	WATTAGE	TOTAL WATTS	LOCATION	DEVICE TAG	PROTOCOL	ZONE	LUMINAIRE TYPE	QTY	WATTAGE	TOTAL WATTS	LOCATION	DEVICE TAG	PROTOCOL	ZONE	LUMINAIRE TYPE	QTY	WATTAGE	TOTAL WATTS	LOCATION	DEVICE TAG	PROTOCOL	
1	C1	1	75	75	Meeting/Discovery 124	Q3-1, Q3-2	0-10V	8	Z1	13	2.9	37.7	Workroom 122	Q2-1, Q2-2	0-10V	20	H3	3	19	57	Breezeway	Q1-1	0-10V	
					<input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight								<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight					<input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	75	Notes		Notes				Total Zone Wattage	37.7	Notes						Total Zone Wattage	57	Notes	
OS1	F3	1	34.4	34.4	Roof Access	Q10-1	Non-Dim	9	H1	1	13	13	Classroom 2-121	Q3-3, Q3-4	0-10V	21	F1	2	95	190	Classroom 1-107	Q2-5, Q2-6	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	34.4	Notes		Total Zone Wattage	203	Notes		Total Zone Wattage	190	Notes						Total Zone Wattage	190	Notes	
Sw1	F3	4	34.4	137.6	MDF 135 / Storage 1-105	Q4-1	Non-Dim	10	F1	2	95	190	Classroom 2-121	Q3-3, Q3-4	0-10V	22	F1	2	95	190	Classroom 1-107	Q2-5, Q2-6	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	137.6	Notes		Total Zone Wattage	190	Notes		Total Zone Wattage	190	Notes						Total Zone Wattage	190	Notes	
2	C1	1	65	65	Meeting/Discovery 124	Q3-1, Q3-2	0-10V	11	H1	5	13	65	Classroom 2-121	Q3-3, Q3-4	0-10V	23	H1	4	13	52	Vestibules 104 and 106	Q1-1, Q1-2, Q1-3	0-10V	
					<input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	65	Notes		Total Zone Wattage	65	Notes		Total Zone Wattage	65	Notes						Total Zone Wattage	52	Notes	
Sw2	F3	4	34.4	137.6	Storage 2-123	Q4-2	Non-Dim	12	Z1	9	2.9	26.1	Classroom 2-121	Q1-4, Q3-5, Q3-6	0-10V	24	F4	1	67	67	Kitchenette 103	Q2-13	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	137.6	Notes		Total Zone Wattage	26.1	Notes		Total Zone Wattage	26.1	Notes						Total Zone Wattage	67	Notes	
OS2	F3	1	34.4	34.4	Janitor 114	Q10-2	Non-Dim	13	H2	5	19	95	Men's Restroom 140	Q8-1	0-10V	25	F4	2	67	134	Kitchenette 103	Q2-13	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	34.4	Notes		Total Zone Wattage	95	Notes		Total Zone Wattage	95	Notes						Total Zone Wattage	134	Notes	
3	C1	1	75	75	Meeting/Discovery 124	Q3-1, Q3-2	0-10V	14	H2	5	19	95	Men's Room 140	Q8-1	0-10V	26	Z1	16	2.9	46.4	Kitchenette 103	Q2-13	0-10V	
					<input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	75	Notes		Total Zone Wattage	152	Notes		Total Zone Wattage	152	Notes						Total Zone Wattage	46.4	Notes	
OS3	H1	1	13	13	Women's Rm Storage	Q10-3	Non-Dim	15	H2	9	19	171	Women's Restroom 141	Q8-2	0-10V	27	F1	2	95	190	Multipurpose 2-102	Q2-9, Q2-10	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	13	Notes		Total Zone Wattage	171	Notes		Total Zone Wattage	171	Notes						Total Zone Wattage	190	Notes	
4	C1	1	65	65	Meeting/Discovery 124	Q3-1, Q3-2	0-10V	16	H2	3	19	57	Women's Room 140	Q8-2	0-10V	28	F1	2	95	190	Multipurpose 2-102	Q2-9, Q2-10	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	65	Notes		Total Zone Wattage	133	Notes		Total Zone Wattage	133	Notes						Total Zone Wattage	190	Notes	
5	F2	4	42.75	171	Meeting/Discovery 124	Q3-1, Q3-2	0-10V	17	F6A	1	95	95	Office 108	Q2-3, Q2-4	0-10V	29	F1	2	95	190	Multipurpose 1-101	Q2-11, Q2-12	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	171	Notes		Total Zone Wattage	95	Notes		Total Zone Wattage	95	Notes						Total Zone Wattage	190	Notes	
6	H1	2	13	26	Workroom 122	Q2-1, Q2-2	0-10V	18	F6A	1	95	95	Office 108	Q2-3, Q2-4	0-10V	30	F1	2	95	190	Multipurpose 1-1-1	Q2-11, Q2-12	0-10V	
					<input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input checked="" type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight						
					Total Zone Wattage	100	Notes		Total Zone Wattage	95	Notes		Total Zone Wattage	95	Notes						Total Zone Wattage	190	Notes	
7	F6B	1	74	74	Workroom 122	Q2-1, Q2-2	0-10V	19	H3	3	19	57	Breezeway	Q1-1	0-10V	31	X2	56	18	1008	Exterior building walkway	Q1-1	0-10V	
					<input type="checkbox"/> Emergency <input type="checkbox"/> Primary Daylight <input type="checkbox"/> Secondary Daylight <input type="checkbox"/> Skylight							<input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Primary Daylight <												



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50% CD 06.01.21  
100% DD 11.21.19  
50% DD 10.14.19  
100% SD 07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE: **LIGHTING  
CONTROL  
PROGRAM  
SCHE**

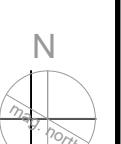
SCALE: NTS DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #

SHEET:

LT0.5





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100% DD 11.21.19  
50% DD 10.14.19  
100% SD 07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE: **OVERALL  
SITE LIGHTING**

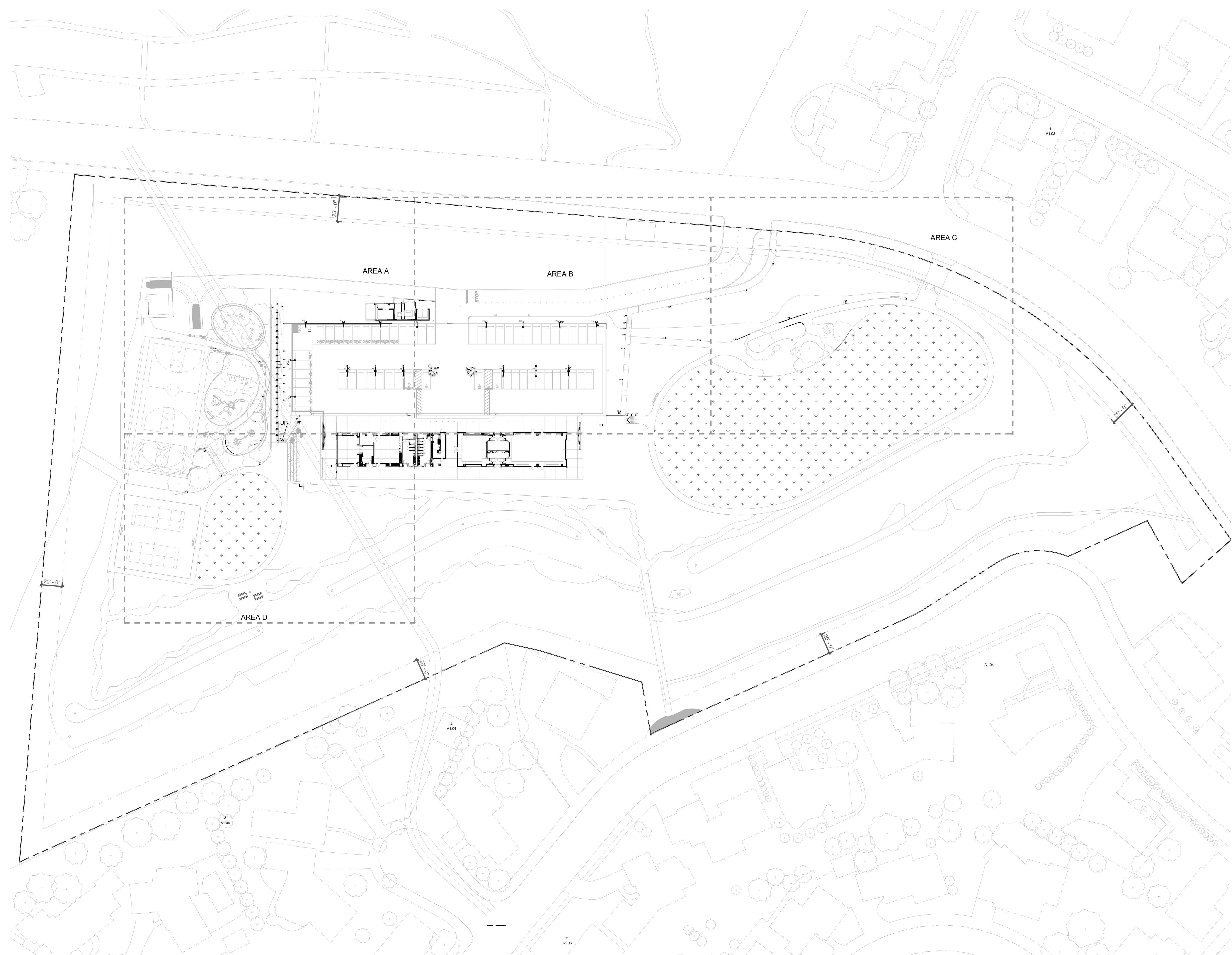
SCALE: AS SHOWN DATE: DEC 30, 2021

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SHEET:

LT1.02



# 1 SITE LIGHTING

SCALE: 1" = 40'-0"





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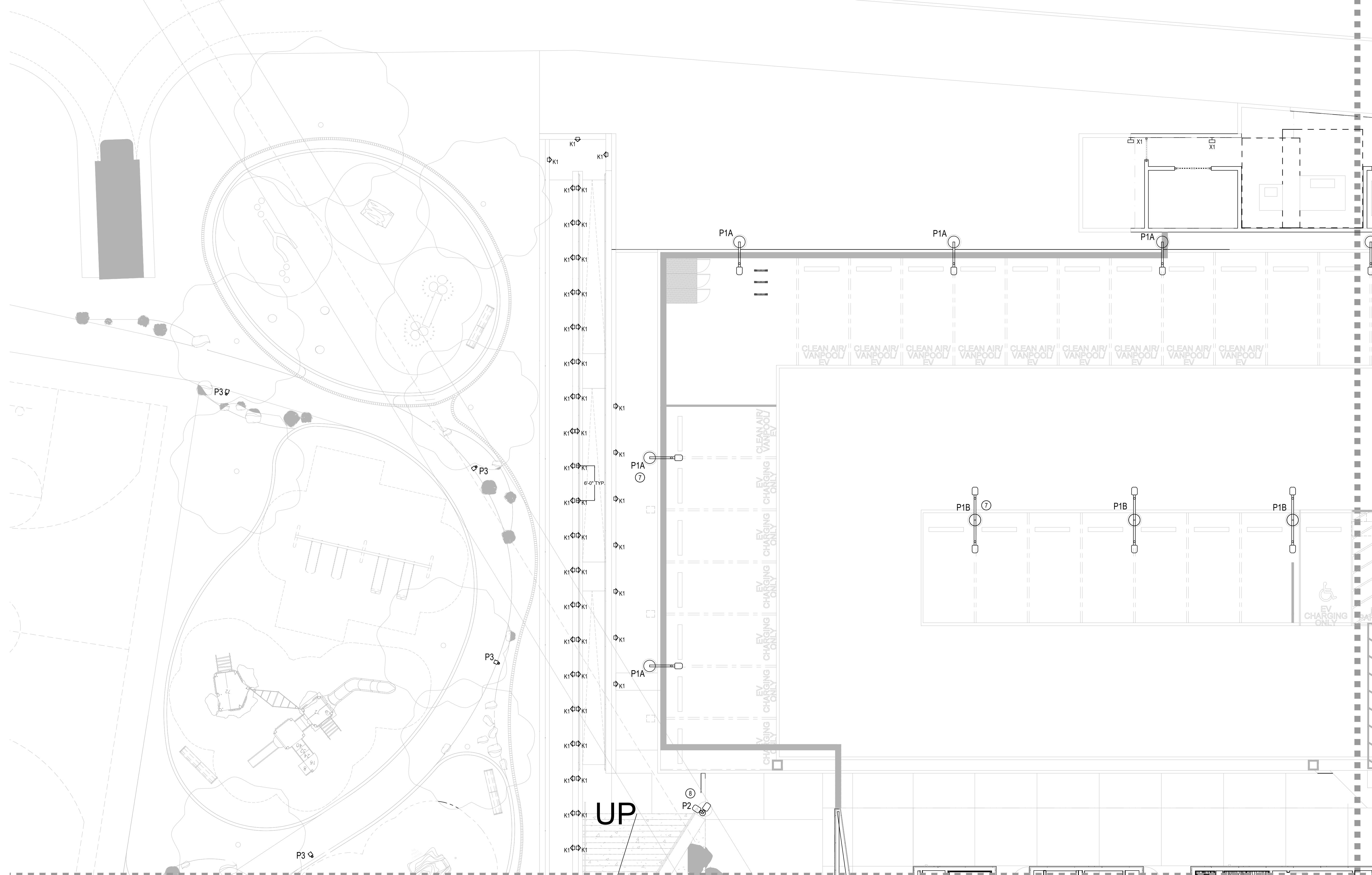
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# AREA A



## LIGHTING KEYNOTES

- ① MOUNT TYPE F3 ON WALL 8'-0" AFF.
- ② TYPE Z1 ABOVE CASEWORK AND BELOW CABINETS. TWO RUNS IN THIS AREA.
- ③ COORDINATE TYPE Z1 WITH CASEWORK IN ALL LOCATIONS
- ④ TREE LIGHTING TO BE COORDINATED WITH LIGHTING DESIGNER AFTER TREES ARE INSTALLED AND MATURE. PROVIDE BURIAL BOX AND STUB UP AS SPECIFIED FOR REMOTE TRANSFORMERS. EACH TREE HAS OWN TRANSFORMER IN SINGLE BURIAL BOX. SEE DETAILS ON LT SHEETS FOR MORE INFORMATION, MOUNTING AND WIRING INFORMATION.
- ⑤ LOCATE REMOTE TRANSFORMER FOR TYPE Z1 UNDERCABINET LIGHTING IN CABINETRY IN ACCESSIBLE LOCATION OUT OF VIEW. DO NOT LOCATE UNDER OVERHEAD CABINET WITH ELECTRICAL CONNECTION VISIBLE FROM A SEATED POSITION.
- ⑥ PROVIDE CONCRETE FOOTING AT GRADE FOR TYPE P3.
- ⑦ MOUNT ON 2'-6" MAX. CONCRETE PIER.
- ⑧ SECURITY CAMERAS MOUNTED ON LIGHT STANDARD. SEE SECURITY PLANS FOR MOUNTING DETAILS.

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100% SD	07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE: **ENLARGED  
SITE LIGHTING  
AREA A**

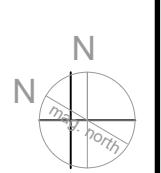
SCALE: 1" = 1'-0" DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #

SHEET:

LT1.02A





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ISSUES/REVISIONS

No. Issue Date

TITLE: **ENLARGED  
SITE LIGHTING  
AREA B**

SCALE: 1" = 1'-0" DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #:

SHEET:

LT1.02B

## LIGHTING KEYNOTES

- ① MOUNT TYPE F3 ON WALL 8'-0" AFF.
- ② TYPE Z1 ABOVE CASEWORK AND BELOW CABINETS. TWO RUNS IN THIS AREA.
- ③ COORDINATE TYPE Z1 WITH CASEWORK IN ALL LOCATIONS
- ④ TREE LIGHTING TO BE COORDINATED WITH LIGHTING DESIGNER AFTER TREES ARE INSTALLED AND MATURE. PROVIDE BURIAL BOX AND STUB UP AS SPECIFIED FOR REMOTE TRANSFORMERS. EACH TREE HAS OWN TRANSFORMER IN SINGLE BURIAL BOX. SEE DETAILS ON LT SHEETS FOR MORE INFORMATION, MOUNTING AND WIRING INFORMATION.
- ⑤ LOCATE REMOTE TRANSFORMER FOR TYPE Z1 UNDERCABINET LIGHTING IN CABINERY IN ACCESSIBLE LOCATION OUT OF VIEW. DO NOT LOCATE UNDER OVERHEAD CABINET WITH ELECTRICAL CONNECTION VISIBLE FROM A SEATED POSITION.
- ⑥ PROVIDE CONCRETE FOOTING AT GRADE FOR TYPE P3.
- ⑦ MOUNT ON 2'-6" MAX. CONCRETE PIER.
- ⑧ SECURITY CAMERAS MOUNTED ON LIGHT STANDARD. SEE SECURITY PLANS FOR MOUNTING DETAILS.

## AREA B

STOP

X1

P1A

P1A

P1A

P1AC

P1AC

P1AC

P1B



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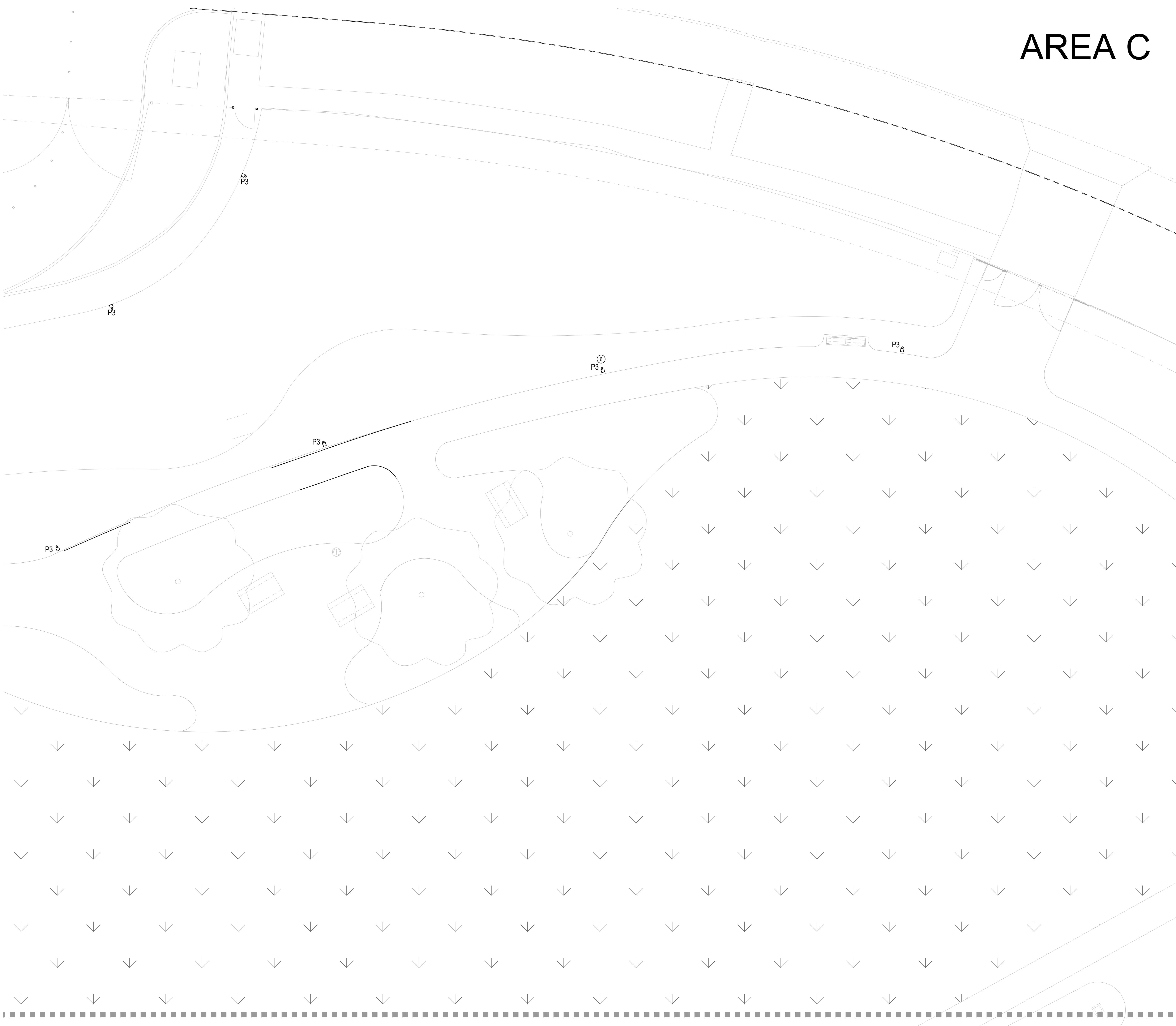
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# AREA C



## LIGHTING KEYNOTES

- ① MOUNT TYPE F3 ON WALL 8'-0" AFF.
- ② TYPE Z1 ABOVE CASEWORK AND BELOW CABINETS. TWO RUNS IN THIS AREA.
- ③ COORDINATE TYPE Z1 WITH CASEWORK IN ALL LOCATIONS
- ④ TREE LIGHTING TO BE COORDINATED WITH LIGHTING DESIGNER AFTER TREES ARE INSTALLED AND MATURE. PROVIDE BURIAL BOX AND STUB UP AS SPECIFIED FOR REMOTE TRANSFORMERS. EACH TREE HAS OWN TRANSFORMER IN SINGLE BURIAL BOX. SEE DETAILS ON LT SHEETS FOR MORE INFORMATION, MOUNTING AND WIRING INFORMATION.
- ⑤ LOCATE REMOTE TRANSFORMER FOR TYPE Z1 UNDERCABINET LIGHTING IN CABINETRY IN ACCESSIBLE LOCATION OUT OF VIEW. DO NOT LOCATE UNDER OVERHEAD CABINET WITH ELECTRICAL CONNECTION VISIBLE FROM A SEATED POSITION.
- ⑥ PROVIDE CONCRETE FOOTING AT GRADE FOR TYPE P3.
- ⑦ MOUNT ON 2'-6" MAX. CONCRETE PIER.
- ⑧ SECURITY CAMERAS MOUNTED ON LIGHT STANDARD. SEE SECURITY PLANS FOR MOUNTING DETAILS.

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50% CD	06.01.21
100% DD	11.21.19
50% DD	10.14.19
100% SD	07.25.19

ISSUES/REVISIONS

No.	Issue	Date
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TITLE: ENLARGED SITE LIGHTING AREA C		
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SCALE: 1" = 1'-0"	DATE: DEC 30, 2021
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DRAWN BY: DMH	CHECKED BY:
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PROJECT #:
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SHEET:
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LT1.02C
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100% DD	11.21.19
50% DD	10.14.19
100% SD	07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE: **ENLARGED  
SITE LIGHTING  
AREA D**

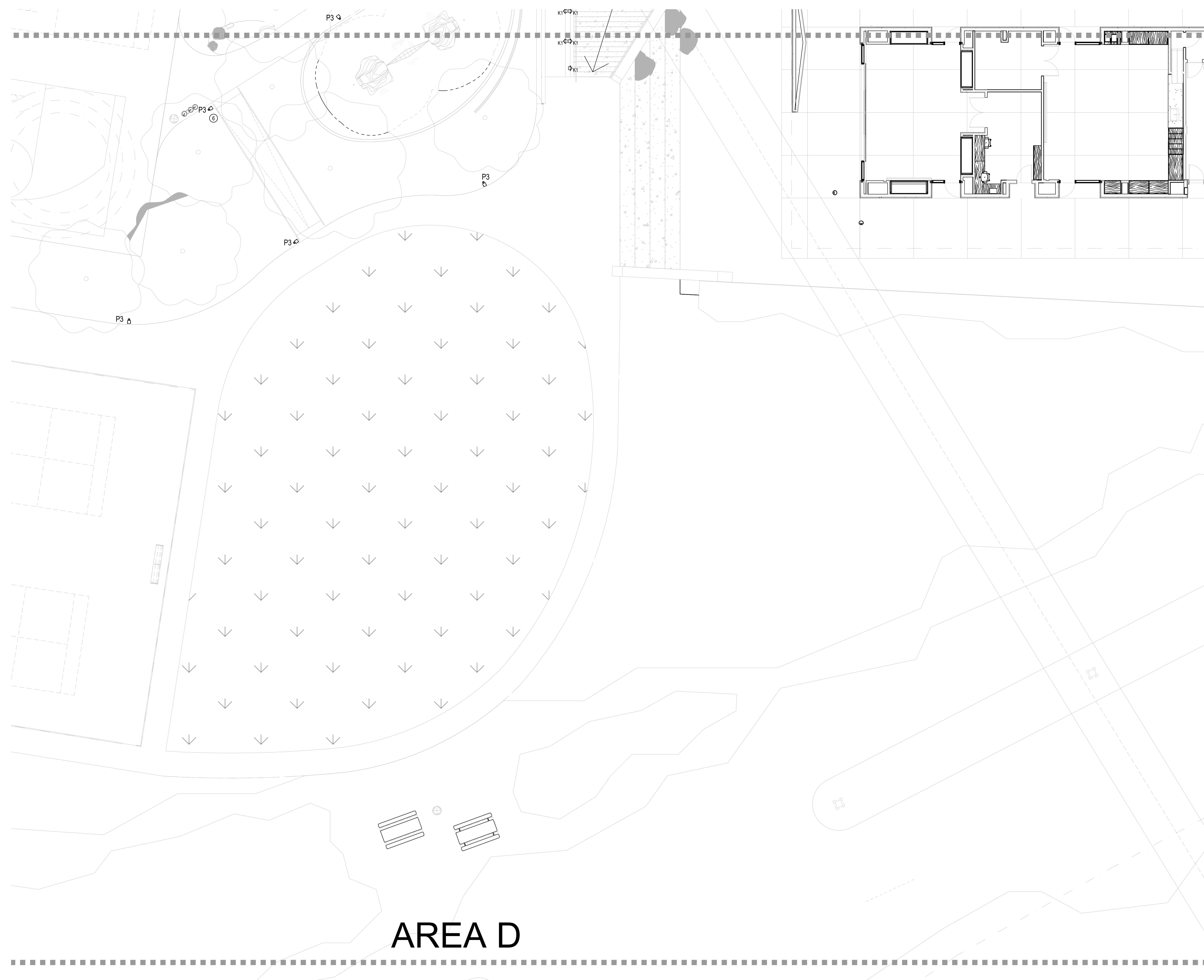
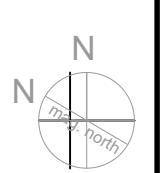
SCALE: 1" = 1'-0" DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #

SHEET:

LT1.02D





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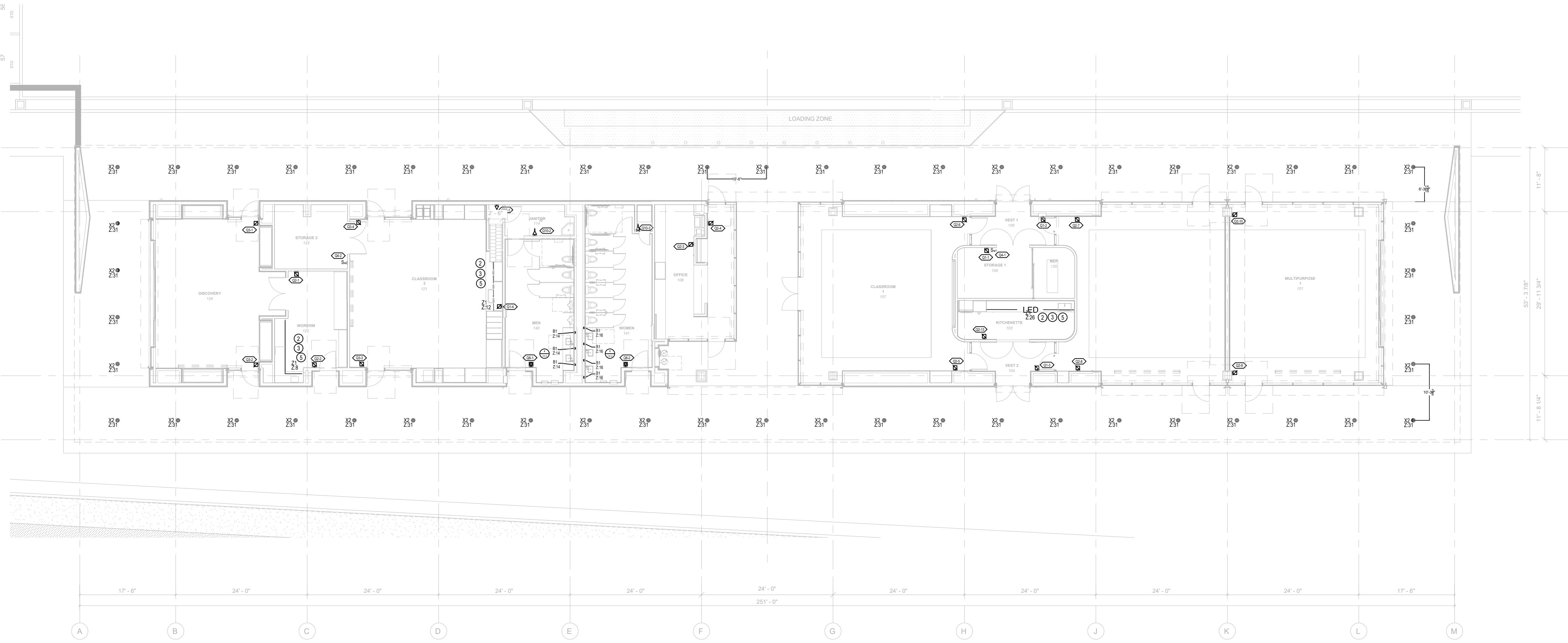
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## 1 LIGHTING PLAN

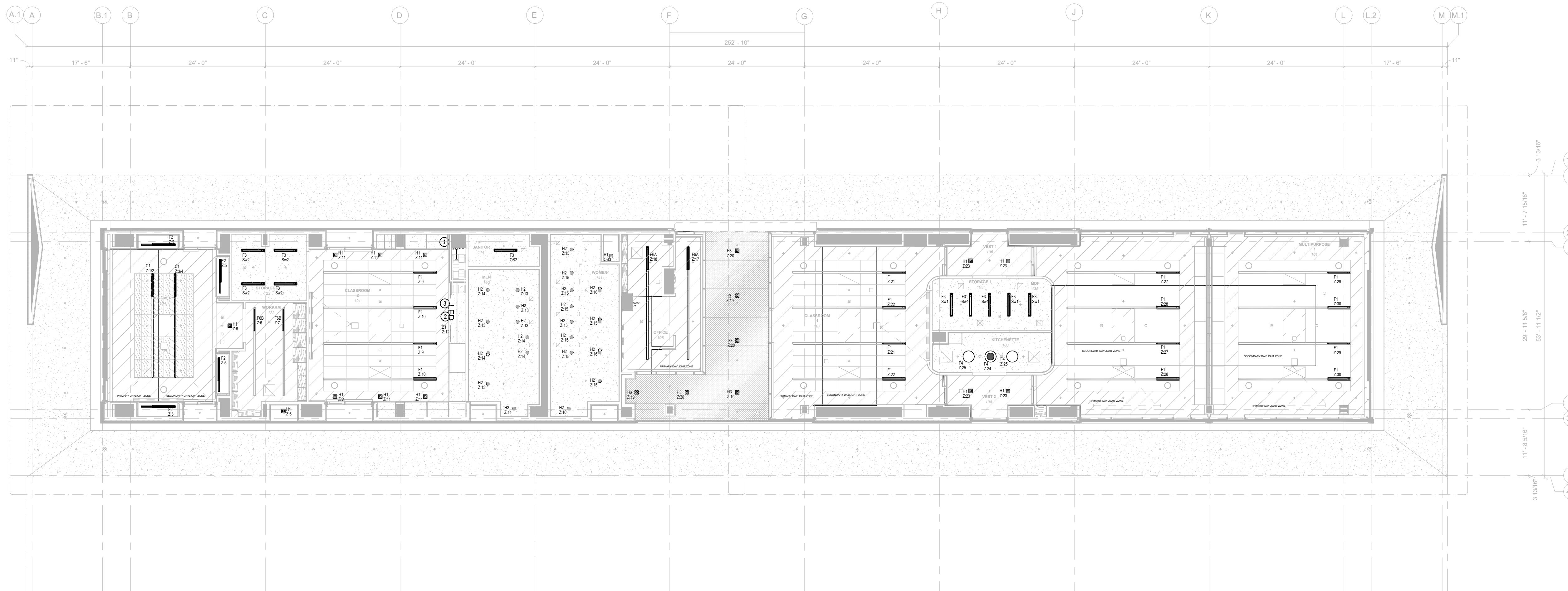
SCALE: 3/32" = 1'-0"

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## 2 LIGHTING RCP

SCALE: 3/32" = 1'-0"

LT2.01



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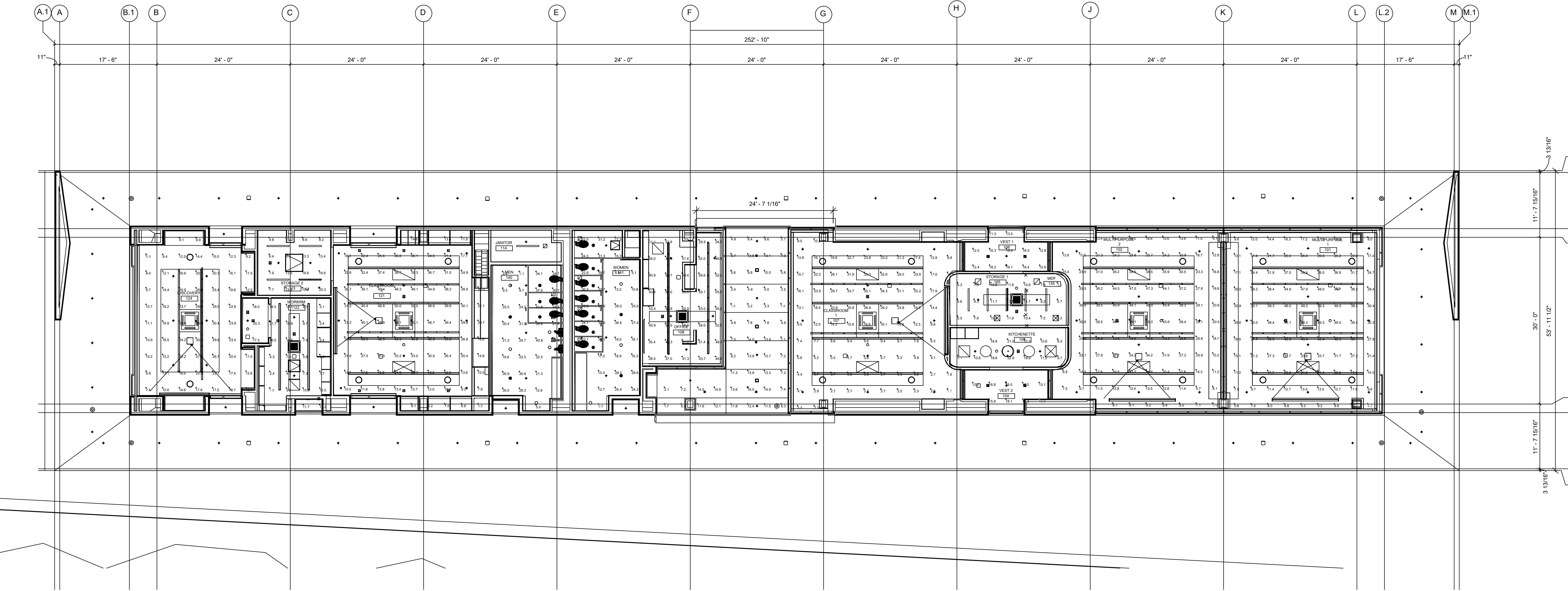
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11'-6" 24'-0" 24'-0" 24'-0" 24'-0" 252'-10" 24'-0" 24'-0" 24'-0" 24'-0" 17'-6" 11'-6"

11'-7 1/16" 30'-0" 59'-11 1/2" 11'-7 1/16" 30'-0" 11'-7 1/16"

3 1/2" 3 1/2"



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	LLF	Description	Tag
■	4	SB4-RD-SW80-30K-15LM-U-BW-ACL	Single	0.850	Opus 4in recessed downlight	H3
■	65	VAP3P-HD-FH-LED-80-750-30-4	SINGLE	0.850	Recessed linear LED	F1
■	1	Opus 4in square, TWR down	SINGLE	0.850	Opus 4in square, TWR down	H1
■	16	Opus 6in	SINGLE	0.850	RB8-RD-SW80-30K-21LM-U-BW	H2
■	2	Columbia Straight	SINGLE	0.850	CSA-4033	F3
○	1	Industrial recessed DR	SINGLE	0.950	PSG20-LED20-SQ-PWA	F4

Calculation Summary						
	Category	Units	Avg	Max	Min	Avg/Min
Breezeway	Illuminance	Fc	8.55	16.0	5.34	16.00
Classroom 107_Floor	Illuminance	Fc	13.40	35.1	7.68	20.65
Classroom 107_Wall	Illuminance	Fc	12.50	34.0	6.50	20.75
Kitchenette 103_Floor	Illuminance	Fc	10.94	22.9	8.1	2.29
Meeting Discovery 124_Floor	Illuminance	Fc	17.40	30.9	9.9	2.52
Meeting Discovery 124_Wall	Illuminance	Fc	17.40	30.9	9.9	1.73
Multipurpose 101_Floor	Illuminance	Fc	25.78	49.3	4.2	6.14
Multipurpose 101_Wall	Illuminance	Fc	25.78	49.3	4.2	6.14
Office 108_Floor	Illuminance	Fc	47.99	63.1	26.8	1.78
Storage 105_Floor	Illuminance	Fc	8.67	13.5	5.2	1.67
Storage 105_Wall	Illuminance	Fc	11.30	16.0	5.2	2.19
Vestibule 104_Floor	Illuminance	Fc	15.72	19.5	7.28	1.52
Vestibule 104_Wall	Illuminance	Fc	14.56	19.5	7.07	1.30
Vestibule 106_Floor	Illuminance	Fc	23.37	31.7	5.7	3.18
Workroom 122_Floor	Illuminance	Fc	10.09	21.7	1.8	5.61

# 1 | EMERGENCY LIGHTING CALCULATIONS

SCALE: 1/8" = 1'-0"

PERMIT RESUBMITTAL 12.30.21  
100% CD 11.29.21  
50% CD 06.01.21  
100% DD 11.21.19  
50% DD 10.14.19  
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ISSUES/REVISIONS

No. Issue Date

TITLE: **EMERGENCY  
LIGHTING  
CALCULATIONS**

SCALE AS SHOWN DATE: DEC 30, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #: LT6.01

SHEET: N





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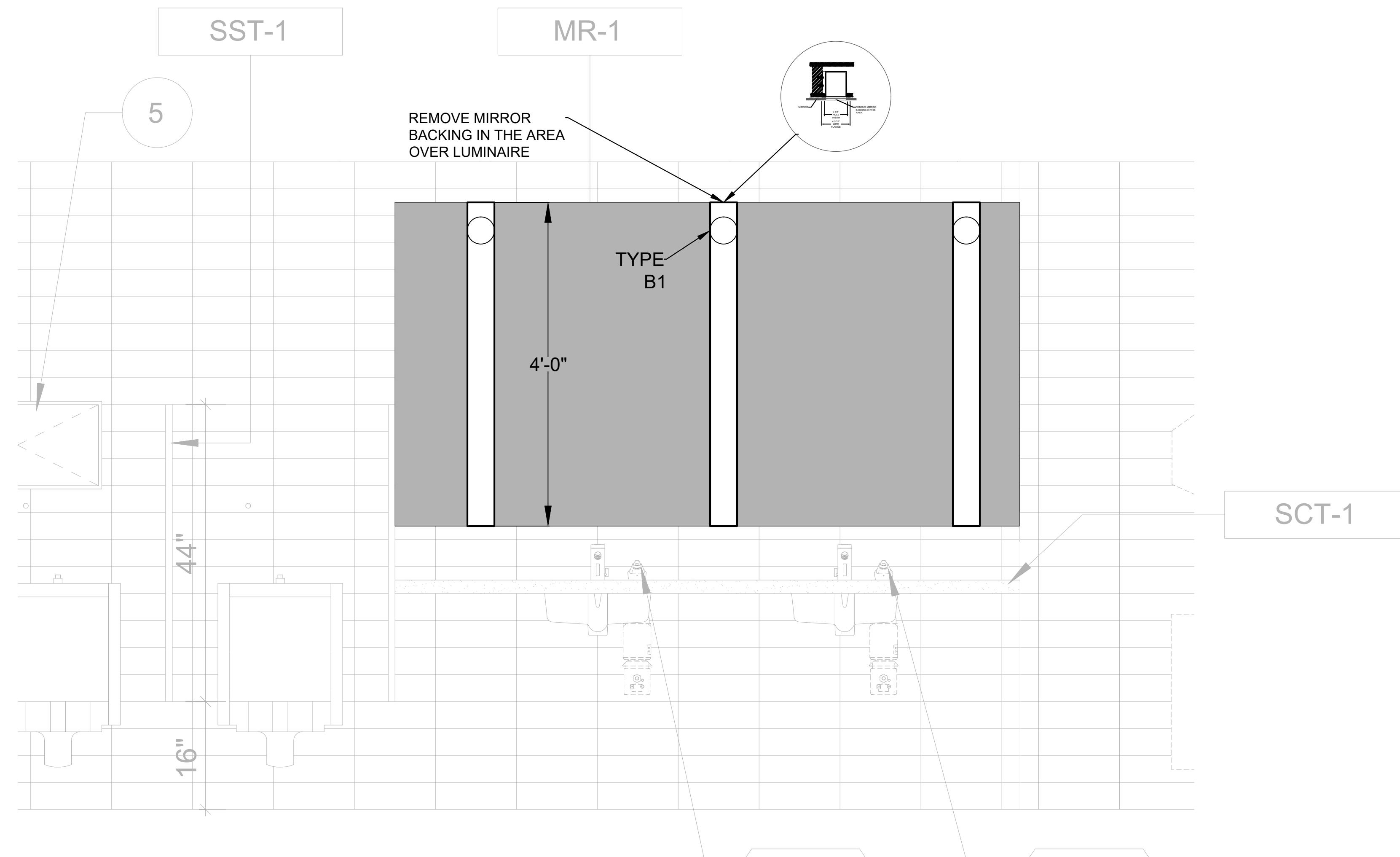
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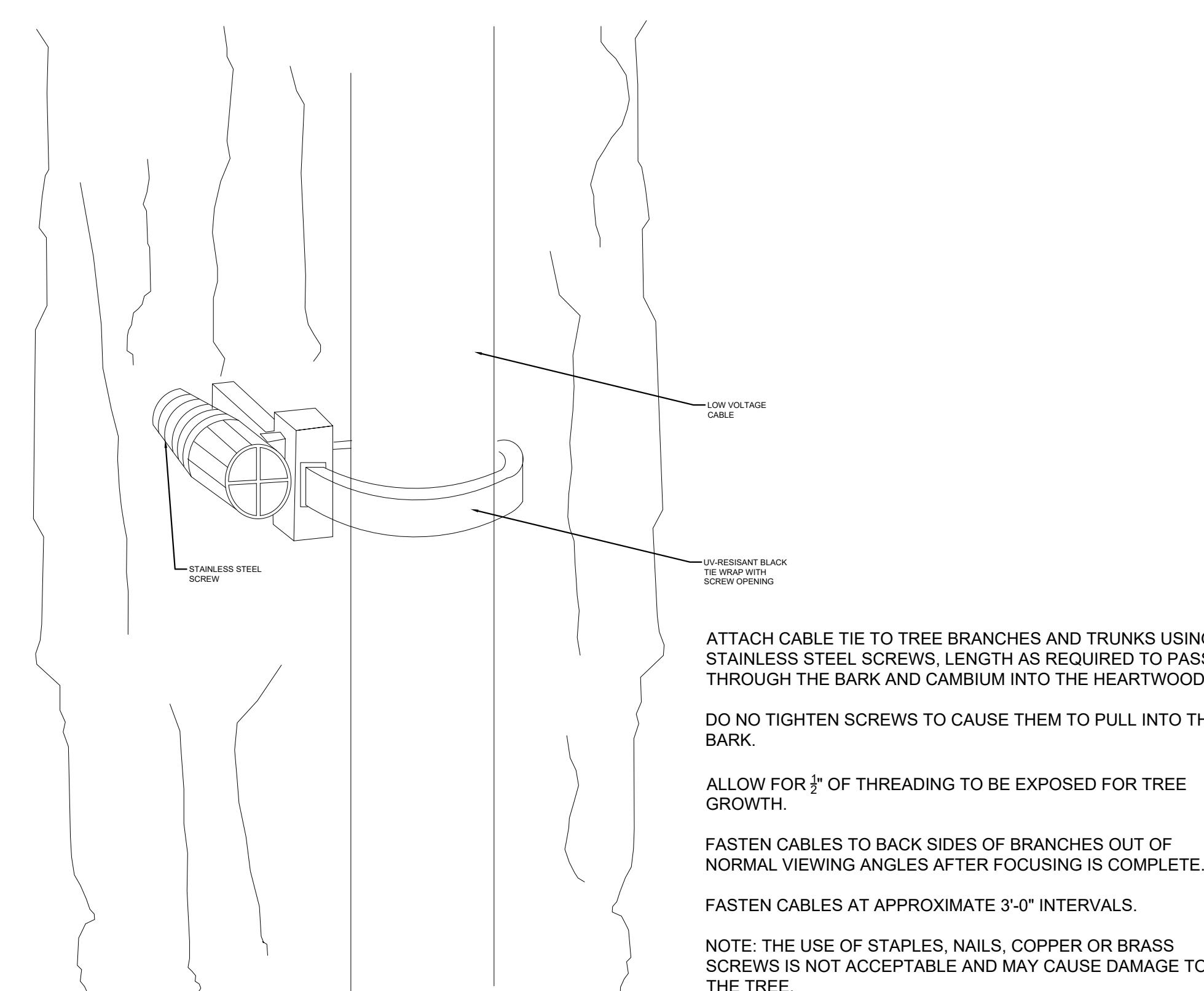
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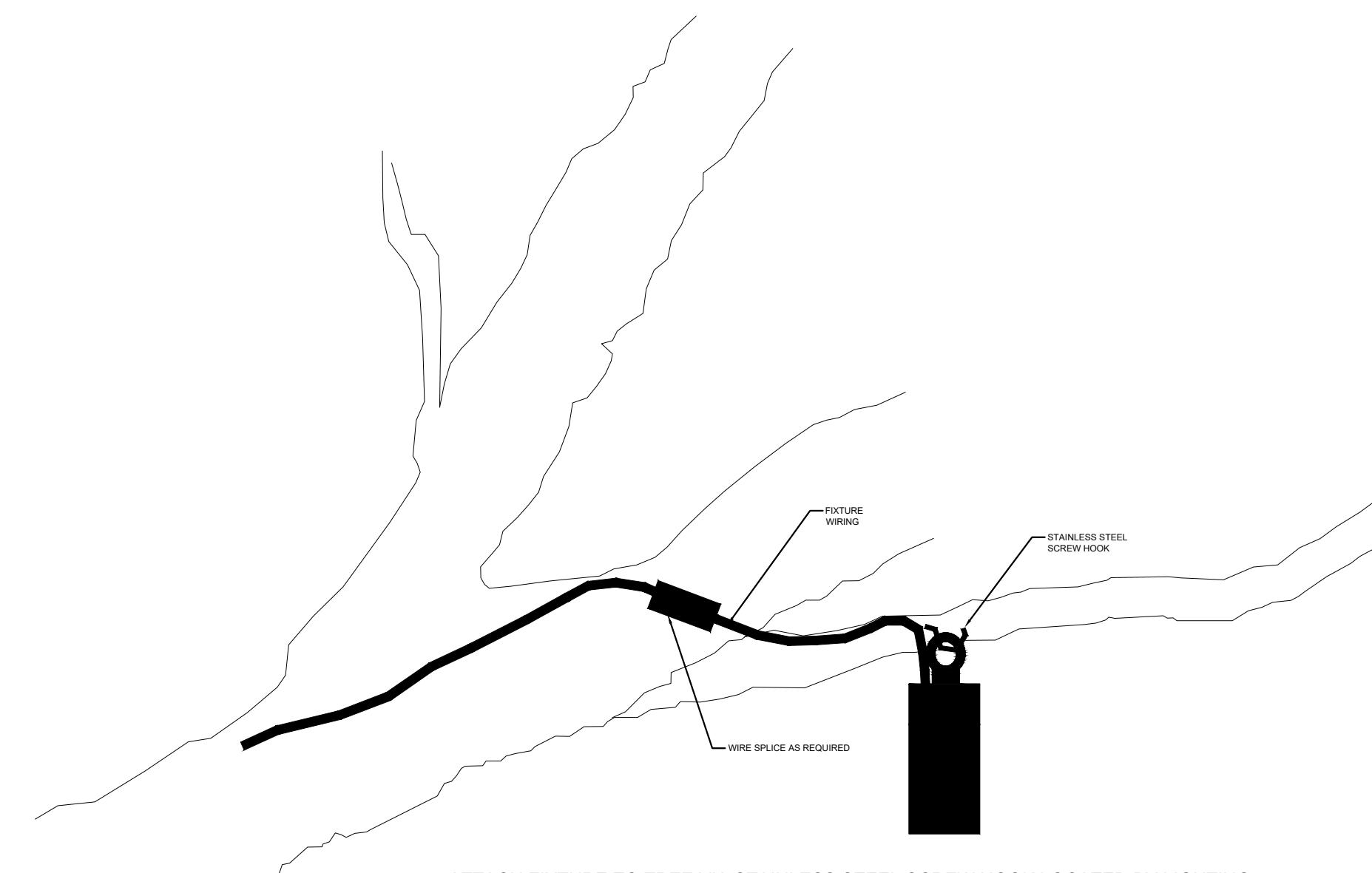
## 4 MIRROR LIGHTING ELEVATION

SCALE: 0'-1" = 1'-0"



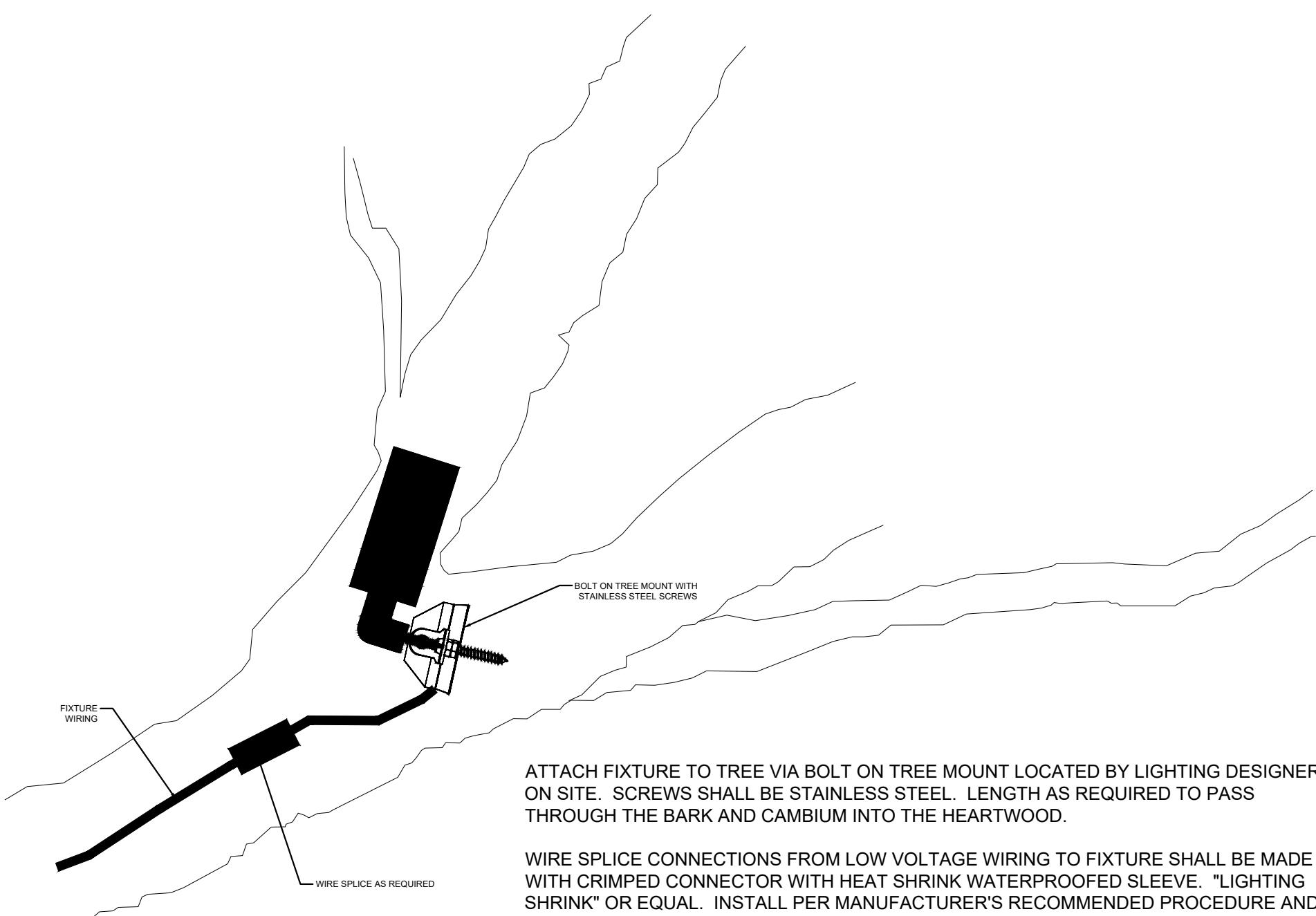
## 3 LV WIRING DETAIL

SCALE: NTS



## 2 TREE MOUNTING DETAIL

SCALE: NTS



## 1 TREE MOUNTING DETAIL

SCALE: NTS

NOTE: USE OF COPPER OR BRASS SCREWS IS NOT ACCEPTABLE AND MAY DAMAGE TREE.

The drawings and specifications, ideas, designs, and arrangements are and shall remain the property of the architect. No part thereof shall be copied or used in connection with the preparation of other drawings or specifications unless they have been prepared without the written consent of the architect. Visual contact with these drawings or specifications shall constitute evidence of acceptance of these restrictions.

Written dimensions on these drawings shall have precedence over scaled dimensions. Any changes made in the drawings shall be made in the drawings and conditions on the job and this office shall be notified of any variation from the dimensions on the job and the architect shall be notified of any changes. Shop details must be submitted to this office for approval before proceeding with fabrication.

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ARCHITECTS / ENGINEER'S STAMP

CITY APPROVALS

PERMIT RESUBMITTAL 12.30.21  
100% CD 11.29.21  
50% CD 06.01.21  
100% DD 11.21.19  
50% DD 10.14.19  
100% SD 07.25.19

ISSUES/REVISIONS

No. Issue Date

TITLE:

**LIGHTING  
DETAILS**

SCALE AS SHOWN DATE DEC 31, 2021

DRAWN BY: DMH CHECKED BY:

PROJECT #:

SHEET:

N  
LT8.10