

LANDSCAPE SCHEDULE								
Plant Symbol	Planting Type	Botanical Name	Common Name	Min. Cal./Height	Quantity	Total Height(ft) in 10 Yrs	Canopy SF	Total Canopy SF
	Large Deciduous Tree	Quercus phellos	Willow Oak	3.5"	6	31	370	2220
	Large Deciduous Tree	Ulmus americana 'Princeton'	American Elm 'Princeton'	1.5"	4	25	397	1588
	Ornamental Tree	Cornus florida	Flowering Dogwood	6-8' Ht.	6	17	124	744
	Ornamental Tree	Catalpa bignoides	Southern Catalpa	6-8' Ht.	3	22	308	924
							TOTAL SF:	5476

LANDSCAPING REQUIRED:

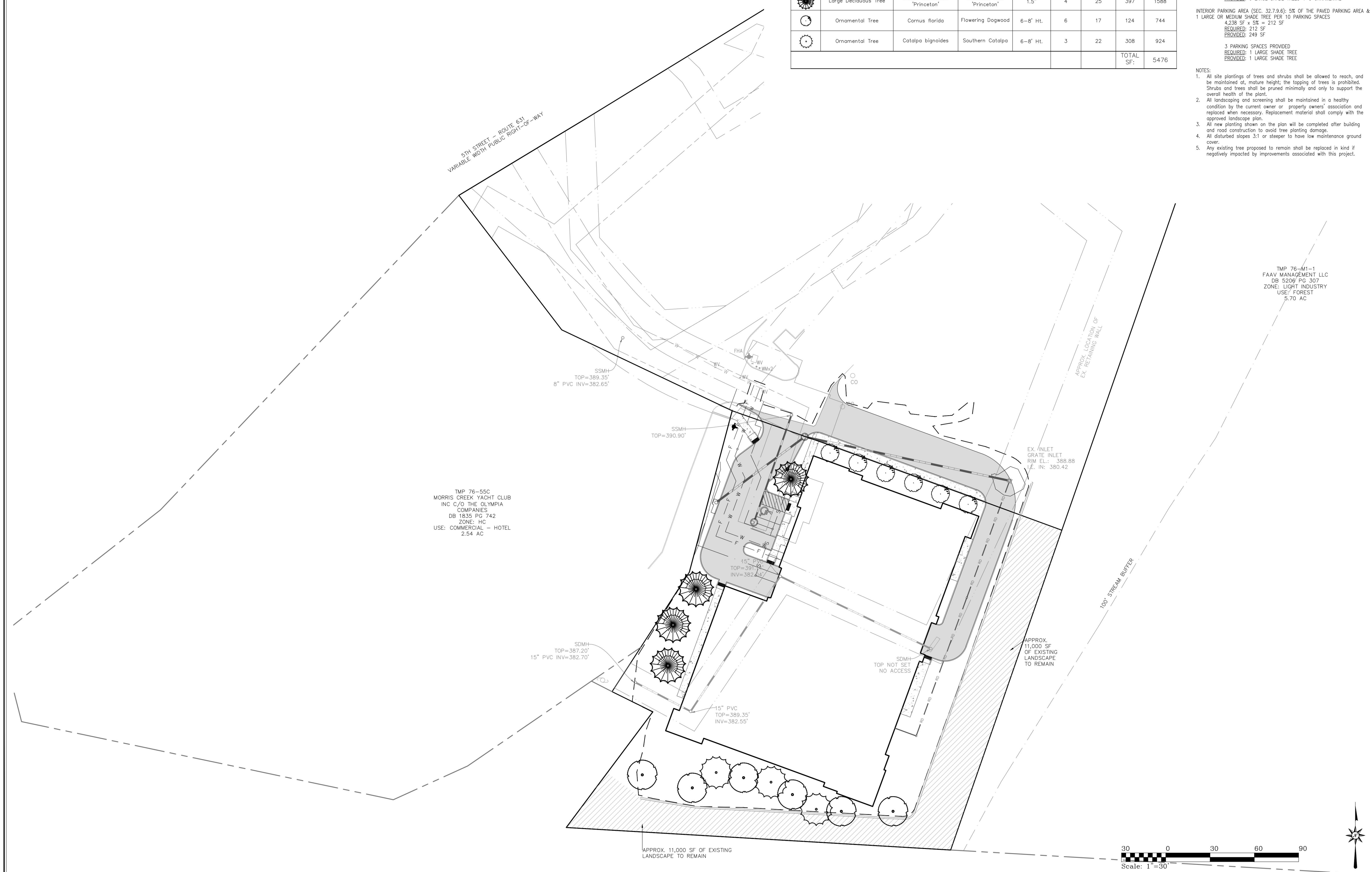
SITE REQUIREMENT (SEC. 32.7.9.8): 10% CANOPY REQUIRED.
SITE AREA: 1.43 AC (62,500 SF)
62,500 SF x 10% = 6,250 SF
CANOPY REQUIRED: 6,250 SF
CANOPY PROVIDED: 11,000 SF TO REMAIN AT REAR OF SITE
± 5,476 SF OF NEW CANOPY
16,476 SF TOTAL CANOPY

ENTRANCE CORRIDOR STREET TREES: LARGE SHADE TREES, 35' O.C., 3.5" CAL. FLOWERING ORNAMENTAL TREES INTERSPERSED
200 LF / 35 = 6 LARGE SHADE TREES
REQUIRED: 6 LARGE SHADE TREES
PROVIDED: 6 LARGE SHADE TREES + 3 ORNAMENTAL

INTERIOR PARKING AREA (SEC. 32.7.9.6): 5% OF THE PAVED PARKING AREA & 1 LARGE OR MEDIUM SHADE TREE PER 10 PARKING SPACES
4,238 SF x 5% = 212 SF
REQUIRED: 212 SF
PROVIDED: 249 SF

3 PARKING SPACES PROVIDED
REQUIRED: 1 LARGE SHADE TREE
PROVIDED: 1 LARGE SHADE TREE

- NOTES:
- All site plantings of trees and shrubs shall be allowed to reach, and be maintained at, mature height; the topping of trees is prohibited. Shrubs and trees shall be pruned minimally and only to support the overall health of the plant.
 - All landscaping and screening shall be maintained in a healthy condition by the current owner or property owners' association and replaced when necessary. Replacement material shall comply with the approved landscape plan.
 - All new planting shown on the plan will be completed after building and road construction to avoid tree planting damage.
 - All disturbed slopes 3:1 or steeper to have low maintenance ground cover.
 - Any existing tree proposed to remain shall be replaced in kind if negatively impacted by improvements associated with this project.



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MAJOR SITE PLAN AMENDMENT
**FIFTH STREET
LANDING
SELF-STORAGE**
ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:
2022.08.15 [ARB]
REVISION:

FILE NO. 21.020

LANDSCAPE PLAN

C6



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps:	Qty:
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Notes:

example: ECF-L-96L-1A-CW-AR-AFR-90-120-DD-PCB-F1-SP1-TB-RPA-HIS-BH

Part	Number of LEDs	Current	LED Color - Generation	Mount	Subscription	Warranty
ECF-L	96L	1.4A	WW-G2		3	
ECF-L	Ecoform with area, large	80L 80 LEDs (8 modules)	900 100mA 5000K, 7000K 1.2A 1200mA	WW-G2 Warm White 5000K, 7000K Generation 2 WW-G2 Warm White 4000K, 7000K Generation 2 WW-G2 Cool White 5000K, 7000K Generation 2	AR ¹ Arm Mount Type 2 Type 2 2-90 Rotated left 90° 2-270 Rotated right 270°	1200 120V 208 208V 240 240V 277 277V 347 347V
	96L 96 LEDs (8 modules)	800 800mA 1A 1000mA 1.2A 1200mA 1.4A ¹ 1400mA	WW-G2 Warm White 5000K, 7000K Generation 2 CW-G2 Cool White 5000K, 7000K Generation 2	Can not be ordered separately (See accessories)	Type 3 Type 3 3-90 Rotated left 90° 3-270 Rotated right 270°	480 480V 120-277V 140 140V 180 180V
				SP ¹ Slip Trigger Mount (fits to 2 1/2" O.D. basket)	Type 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270°	208 208V 240 240V 277 277V 347 347V
				WS Wall mount with surface conduit near entry permitted Recessed arm mount kit	Type 5 Type 5 5-90 Rotated left 90° 5-270 Rotated right 270°	480 480V 120-277V 140 140V 180 180V
					Type 6 Type 6 6-90 Rotated left 90° 6-270 Rotated right 270°	208 208V 240 240V 277 277V 347 347V

System	Processor	Memory	Storage	Network	Display	Peripherals	
DC1000	0-10V External dimming (for controls by others)	IMR377 Integral with #3 lens	PCD873	Photocoupler Button Twix Lock Receptacle	Failing F17 Double (20, 27, 34, 47kV)	Square Pin Adapter included in standard product	Textured BK Black WH White GR Gray
DD144	Dual Circuit Control Integral Rectage Selector	IMR377 Integral with #7 lens	PCD873	5 Pin Twix Lock Receptacle	Pole Mount Failing F177 Single (20, 27, 34, 47kV)	T8 ¹ Terminal Block RPM ² Round Pin Adapter	DOY Dark Gray MDY Medium Gray
LLC144 ^{1,2,3}	Integral wireless module 80-100 functionality		TLR077 ¹	Twix Lock Receptacle 7 Pin	F177 Single (20, 27, 34, 47kV) F177 Double (20, 27, 34, 47kV) F177 Double (20, 27, 34, 47kV)	TOA TOA 3-9 0.0 pin	Customer specified
SLR144 ^{1,2,3}	SLR driver connected to Zhaga socket		TLRUCP873	Twix Lock Receptacle w/Protocol	Surge Protection (DGA standard) SP1 Increased DGA	IMR377 Internal House Side Shield	RAL Specific optional color or RAL RAL2021
DynaDimmer: Automatic Profile Dimming							
DD144	System: 60% Dimming, 1 Hours						CC Custom color (Must supply color chart for required factory quote)
CM340 ¹	System: 60% Dimming, 8 hours						
CM340 ²	System: 30% Dimming, 8 hours						
CM340 ³	Median 30% Dimming, 8 hours						

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| <ul style="list-style-type: none"> • BL-MR07 (S47) equipped with non-torque-sensed power steering when voltage is HV0V (347-480V) • Mounts to a round plate with adapter included for mounting to vehicle chassis • Limited to maximum of 45 degrees aiming above horizontal. • Not available with motion control options. • Not available with motion sensor. • Not available with photoconductor. • Not suitable for motion sensor system. • Not available in S47 or D480V • Must supply output voltage. | <ul style="list-style-type: none"> • TD, RD, LR-TD and LTRPC recommended at 4 & 6 are dropped off when ordered with any of the following Damping Control Code:
FAMS / LC
FAMS / LR
FAMS / LR-SDV, Drive RPMs parallel separately with TLDR07/L
Not available with DC.
Not available with DD.
Not available with SF and SR, RPMS pre-built back with fresh standard. • RH not available type: W, SW, BLC, RLBC, RC-BT, C-270. • Not available with DD, DC, and FAMS damping control options. • Not available with DD, DC, FAMS and LC damping control options. • Not available with DD, DC, FAMS and LC damping control options. • When ordering GRDR, controller (by others) to be used on | <p>spect must be considered for some time! (See specifications for more details). Consult factory for lead times. All 7 pins in NEMA receptacle are connected to SR driver. GRDR not available with motion sensor system.</p> <p>9. -10V driving direction driver.</p> <p>10. Not available with SDGV or any Dynamixel motion systems (due to driver limitations).</p> |
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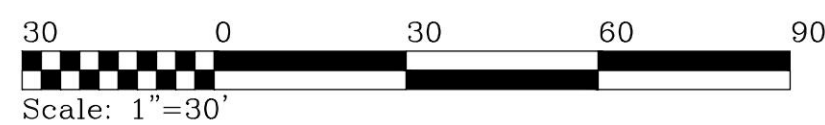
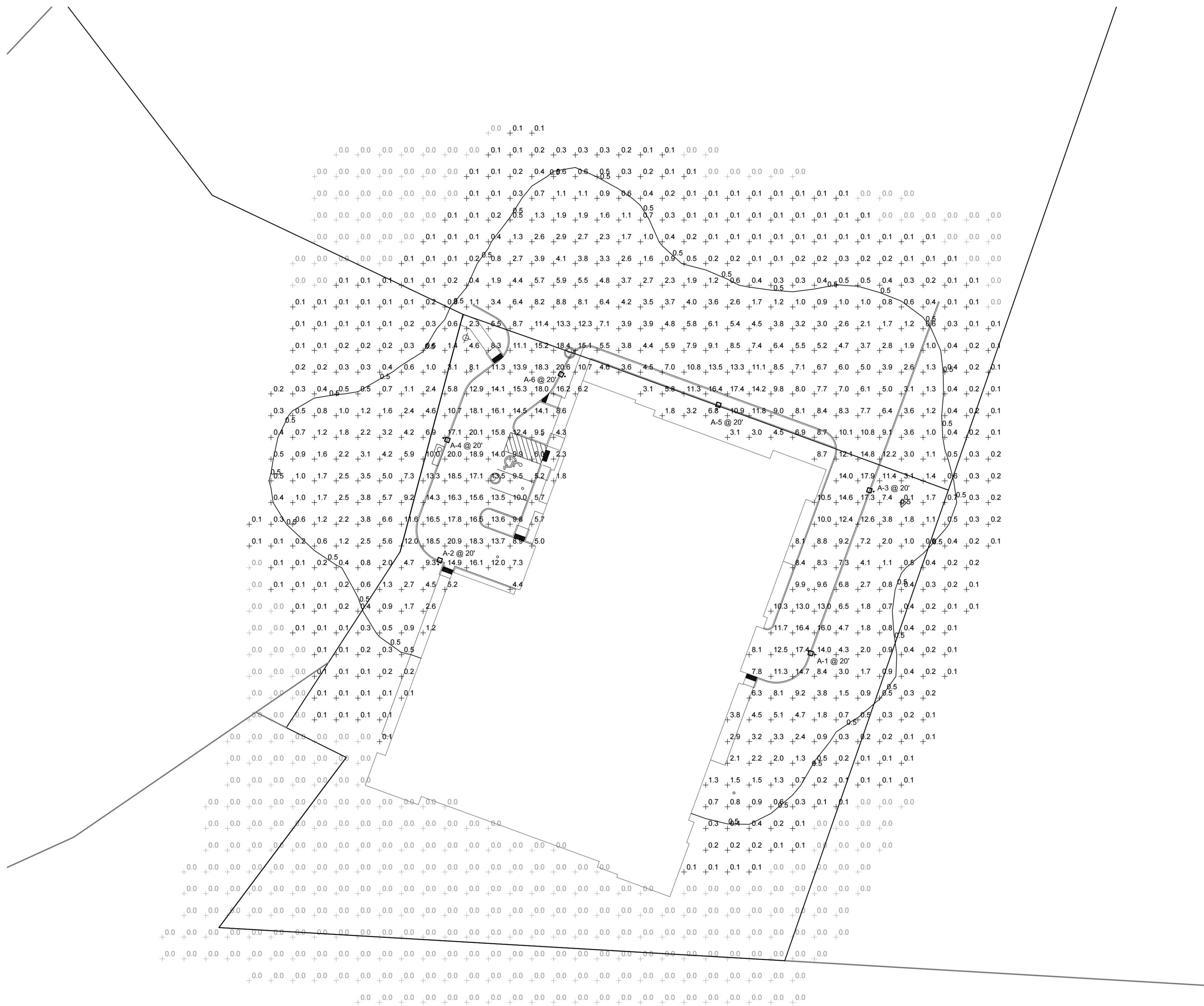
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Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number of Lamps	Filename	Wattage	Light Loss Factor
	A	6	SIGNIFY GARDCO	ECF-L-96L-1.4A-VWV -G2-3	EcoForm Area LED ECF - Large, 96 LED's, 3000K CCT, TYPE 3 OPTIC, No Shield	(6) LEDGINE SLD LIGHT ARRAY(S) DRIVEN AT 1370mA	ecf-l-96l-1-4a-ww-g2- 3.ies	422.0	1.00

Lighting Notes:

1. Pole mounted fixtures shall be mounted at a height of 20' from the finished grade which includes the pole base.
2. Each outdoor luminaire equipped with a lamp that emits 3,000 or more initial lumens shall be a full cutoff luminaire and shall be arranged or shielded to reflect light away from adjoining residential districts and away from adjacent roads. The spillover of lighting from luminaires onto public roads and property in residential or rural areas zoning districts shall not exceed one half footcandle.



FILE NO.

21.020

LIGHTING PLAN

MAJOR SITE PLAN AMENDMENT
FIFTH STREET
LANDING
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ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:

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