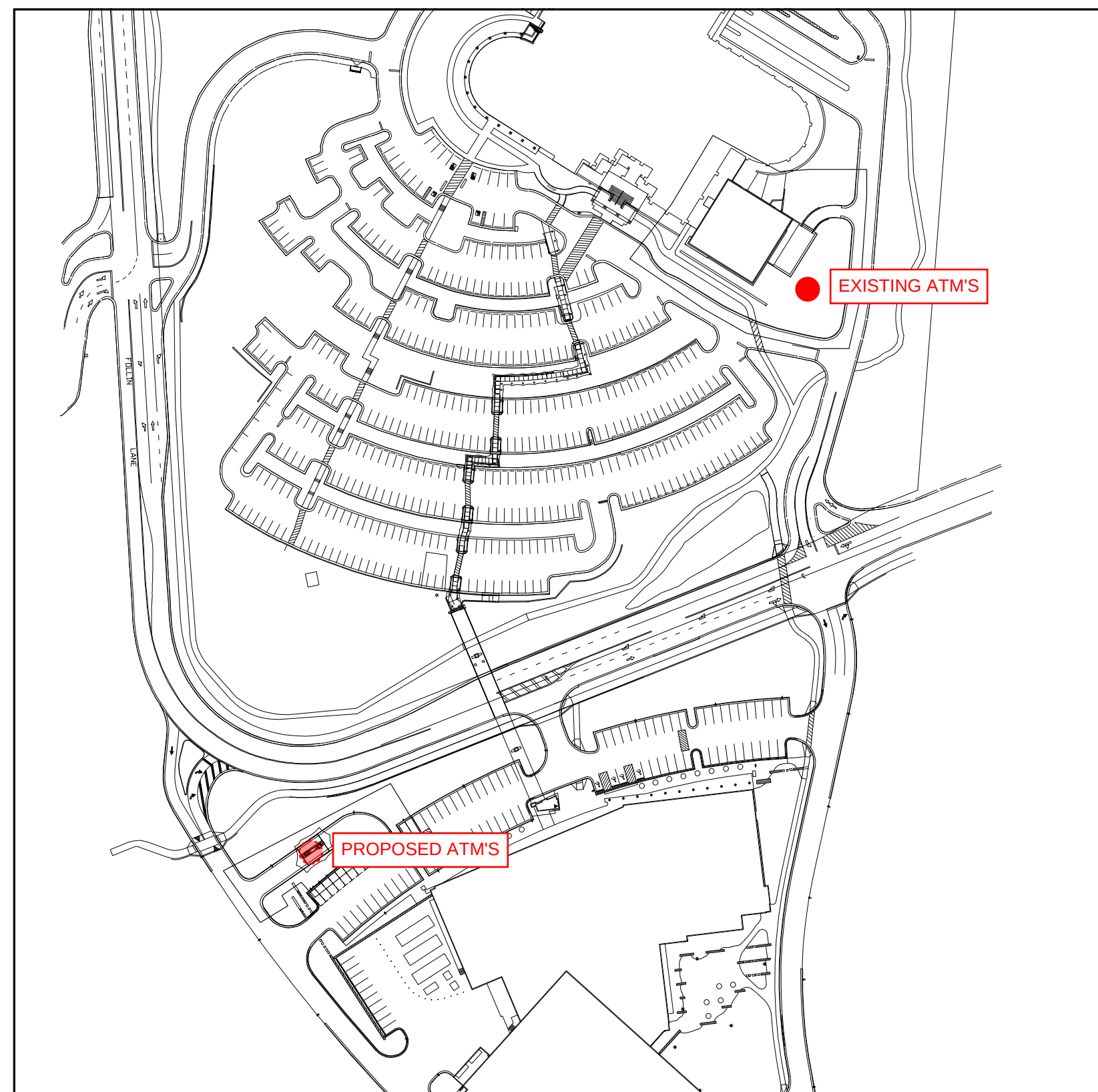




*SEE PAGE 21 FOR PHOTOS OF ADJACENT
RESIDENTIAL AND WNOD TRAIL





NAVY FEDERAL CREDIT UNION
HQ2 ATM ADDITION

1007 ELECTRIC AVE
VIENNA, VIRGINIA 22180

OWNER:
NAVY FEDERAL CREDIT UNION (NFCU)
820 FOLLIN LANE, SE
VIENNA, VA 22180
703.206.3984 / CONTACT: TIM MARKLE

ARCHITECT:
ASD, INC.
3030 CLARENDON BLVD, SUITE 350
ARLINGTON, VA 22201
404.688.3318 / CONTACT : EVAN BURCH

CIVIL ENGINEER
DEWBERRY
8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.849.0497 / CONTACT: TIM CULLEITON

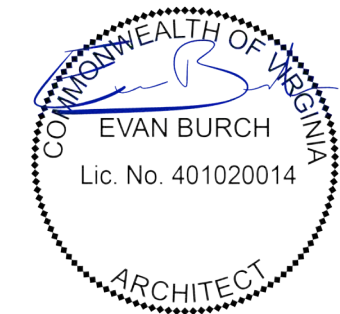
LANDSCAPE
DEWBERRY
8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.840.1900 / CONTACT: JACK STORY

STRUCTURAL ENGINEER
DEWBERRY
8401 ARLINGTON BLVD
FAIRFAX, VA 22031
919.424.3754 / CONTACT: JOE WOLHAR

ELECTRICAL ENGINEER
DEWBERRY
8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.645.9711 / CONTACT: RAY HOLDENER

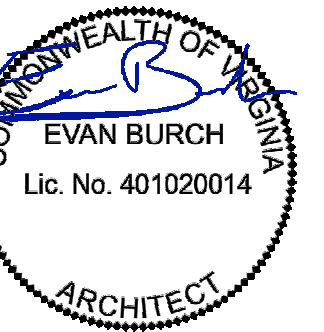
LOW VOLTAGE,SECURITY,TELECOM
NEWCOMB & BOYD
303 PEACHTREE CENTER AVE NE SUITE 525
ATLANTA, GA 30303
404.293.5577 / CONTACT: MATT HOLLAND

ISSUED FOR: CONFORMED SET
ISSUE DATE: 04/24/25



HQ1 AUDITORIUM ADDITION AND INTERIOR RENOVATIONS

20 FOLLIN LANE SE, VIENNA
VA 22180



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[illegible]

PROJECT INFORMATION

PROJECT NO.:	ISSUE DATE:
71473.00	04/07/25
IN BY:	CHECKED BY:
MP/EB	GC

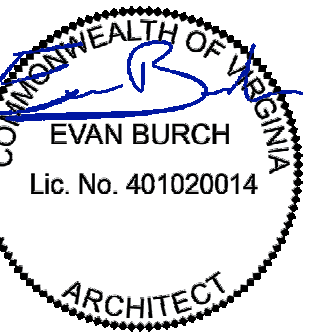
A0.01

HQ1 AUDITORIUM ADDITION AND INTERIOR RENOVATIONS

20 FOLLIN LANE SE, VIENNA
VA 22180



VIEW FROM SOUTH



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Associated Space Design, Inc. 2025

[illegible]

PROJECT INFORMATION

ECT NO.:	ISSUE DATE:
71473.00	04/07/25
IN BY:	CHECKED BY:
MP/EB	GC
T NUMBER:	

A0.01

CODE ANALYSIS

I. AUTHORITIES HAVING JURISDICTION:		
A. JURISDICTION	TOWN OF VIENNA / FAIRFAX COUNTY	
B. PLANNING	CONTACT: JILL G. COOPER – 703-246-4800	
C. FIRE MARSHAL	CONTACT: JOHN WALSER – 703-246-4800	
II. APPLICABLE BUILDING CODES:		
A. BUILDING/DWELLING CODE	2021 VIRGINIA CONSTRUCTION CODE	
B. PLUMBING CODE	2021 VIRGINIA PLUMBING CODE	
C. MECHANICAL CODE:	2021 VIRGINIA MECHANICAL CODE	
D. ELECTRICAL CODE:	2021 VIRGINIA ELECTRICAL CODE	
E. FIRE CODE	2021 VIRGINIA FIRE CODE	
F. GAS CODE	2021 VIRGINIA GAS CODE	
G. ENERGY CODE	2021 VIRGINIA ENERGY CONSERVATION CODE	
H. LIFE SAFETY CODE	2021 VIRGINIA CONSTRUCTION CODE	
I. ACCESSIBILITY:	2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ICC / ANSI A117.1)	
IV. GENERAL BUILDING FEATURES::		
A. CONSTRUCTION TYPE:	TYPE V-B	VIRGINIA CONSTRUCTION CODE, TABLE 601
B. BUILDING HEIGHT:	15'-4"	VIRGINIA CONSTRUCTION CODE, TABLE 504.3
C. NO. OF STORIES:	1	VIRGINIA CONSTRUCTION CODE, TABLE 504.4
D. BUILDING AREA:	1148 SF	VIRGINIA CONSTRUCTION CODE, TABLE 506.2
E. NO. EXITS PER FLOOR:	-	
F. FIRE RESISTANCE RATINGS FOR BUILDING ELEMENTS:		
1. PRIMARY STRUCTURAL FRAME	0	VIRGINIA CONSTRUCTION CODE, TABLE 601
2. BEARING WALLS:	0	
a. EXTERIOR	0	
b. INTERIOR	0	
3. NON BEARING WALLS + PARTITIONS		
a. EXTERIOR		
1. IF LESS THAN 5 FEET	0	
2. IF BETWEEN 5 FEET AND 10 FEET	0	
3. IF OVER 30 FEET	0	
4. NON BEARING WALLS + PARTITIONS		
b. INTERIOR	N/A	
5. FLOOR CONSTRUCTION	N/A	
6. ROOF CONSTRUCTION:	0	
7. CORRIDOR / TENANT SEPARATION	N/A	
8. SHAFT ENCLOSURES	N/A	
G. ELEVATOR LOBBY:	N/A	
H. HORIZONTAL EXIT:	N/A	
J. EXIT ACCESS CORRIDORS:	N/A	
V. OCCUPANCY CLASSIFICATION		
A. CLASSIFICATION TYPE:	U – UTILITY AND MISCELLANEOUS	VIRGINIA CONSTRUCTION CODE, 312.1
B. CONSTRUCTION AREA:	1148 SF	
C. OCCUPANT LOAD:	UNOCCUPIED	
D. FIXTURE REQUIREMENTS:	N/A	
VI. EGRESS REQUIREMENTS		
A. MAXIMUM TRAVEL DISTANCE	100'	
B. MAXIMUM DEAD END CORRIDOR	N/A	
C. COMMON PATH OF TRAVEL	N/A	
D. EXIT SEPARATION	N/A	
E. MINIMUM OPENING OF EXIT DOORS	N/A	
F. MINIMUM EXIT RAMP / STAIR WIDTH	N/A	
G. MINIMUM CORRIDOR WIDTH	N/A	
H. EGRESS CAPACITY (WIDTH PER PERSON)	N/A	

PROJECT DESCRIPTION

This project includes the addition of a new two-way drive-through ATM located in the front yard setback of the existing NFCU HQ2 building. The site is a grass field with sparse trees. We propose to build a new driveway to accommodate the ATMS and a fabric tensile structure to provide shade and cover from the weather.

The new driveway approach will accommodate up to twelve stacked vehicles within the new drive area without backing up onto the campus roadways or parking lots.

These two new ATMs are intended to replace the two existing ATMs on the HQ1 building site. The existing ATMs are anticipated to be removed as soon as the new ones are constructed.

A Special Use Variance will be required by the Zoning Department to allow drive-through ATMs to be located in the front yard setback of the property.

Refer to BZA-25136 Variance Request that was submitted on 3/28/25 and approved by Town of Vienna Board of Zoning Appeals on 4/16/25.

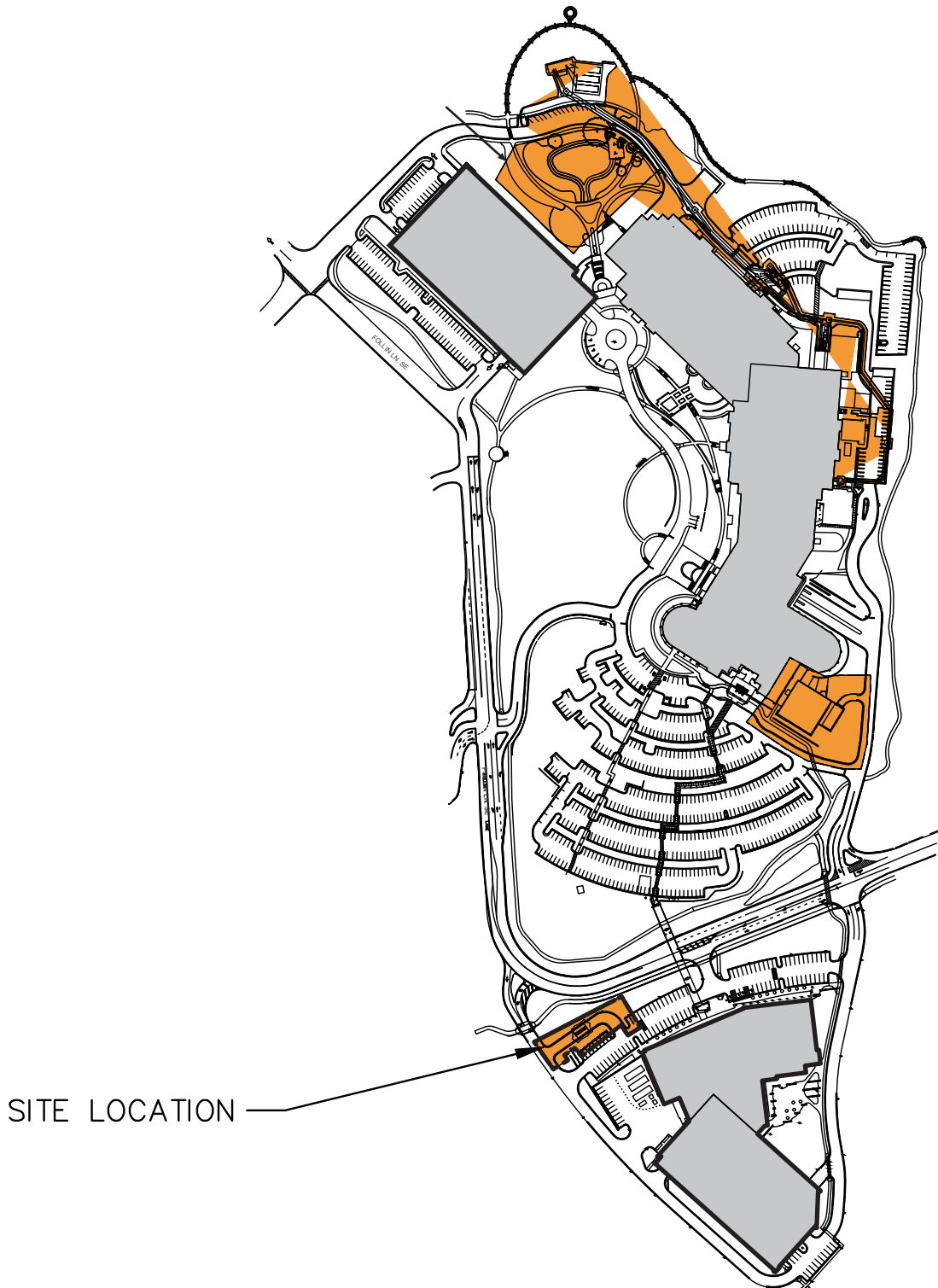
INDEX OF DRAWINGS

SHEET NO.	SHEET TITLE	ORIGINAL ISSUE DATE	REVISION NO.	REVISION ISSUE DATE
CIVIL				
C-001	COVER SHEET	01.24.2025	0	
C-002	ABBREVIATIONS, NOTES & LEGEND	01.24.2025	0	
C-101	EXISTING CONDITIONS AND DEMO PLAN	01.24.2025	0	
C-102	SITE PLAN	01.24.2025	0	
C-103	PAVEMENT PLAN	01.24.2025	0	
C-201	EROSION & SEDIMENT CONTROL PLAN PH I	01.24.2025	0	
C-202	EROSION & SEDIMENT CONTROL PLAN PH II	01.24.2025	0	
C-203	EROSION & SEDIMENT CONTROL NARRATIVE	01.24.2025	0	
C-204	EROSION & SEDIMENT CONTROL DETAILS	01.24.2025	0	
C-205	EROSION & SEDIMENT CONTROL DETAILS	01.24.2025	0	
C-301	STORM SEWER PROFILES	01.24.2025	0	
C-501	CONSTRUCTION DETAILS	01.24.2025	0	
SW-200	SWM DRAINAGE MAP (PRE-DEVELOPMENT)	01.24.2025	0	
SW-201	SWM DRAINAGE MAP (POST-DEVELOPMENT)	01.24.2025	0	
SW-300	SWM NARRATIVE	01.24.2025	0	
SW-301	VRRM SPREADSHEET	01.24.2025	0	
SW-302	SWM COMPUTATIONS	01.24.2025	0	
SW-400	SWM DETAILS	01.24.2025	0	
SW-401	SWM DETAILS	01.24.2025	0	
SW-402	SWM DETAILS	01.24.2025	0	
SW-403	SWM DETAILS	01.24.2025	0	
SW-404	SWM DETAILS	01.24.2025	0	
LANDSCAPE				
L-101	LANDSCAPE PLAN	01.24.2025	0	
L-201	LANDSCAPE SCHEDULE & DETAILS	01.24.2025	0	
ARCHITECTURAL AND SIGNAGE				
G0.00	COVER SHEET	01.24.2025	1	04.24.2025
G0.01	INDEX AND PROJECT INFORMATION	01.24.2025	3	04.24.2025
A1.01	NFCU CAMPUS DEVELOPMENT PLAN	01.24.2025	0	
A2.01	ARCHITECTURAL AND SIGNAGE DEMOLITION PLAN	01.24.2025	0	
A3.01	ARCHITECTURAL AND SIGNAGE PLAN	01.24.2025	0	
A4.01	ENLARGED PLANS, ELEVATIONS, AND DETAILS	01.24.2025	0	
A4.02	ENLARGED PLANS, ELEVATIONS, AND DETAILS	01.24.2025	0	
A4.03	SIGNAGE DETAILS	01.24.2025	0	
	LIGHTING FOOTCANDLE STUDY	01.27.2025	0	
	NFCU DESIGN DIRECTIVE COVER	07.16.2024	0	
	NFCU DESIGN DIRECTIVE A-404	07.15.2024	0	
	NFCU DESIGN DIRECTIVE A-404	07.15.2024	0	
	NFCU DESIGN DIRECTIVE PULLBOX	01.09.2015	0	
STRUCTURAL				
S-001	GENERAL STRUCTURAL NOTES, ABBREVIATIONS, AND SCHEDULES	01.24.2025	0	
S-101	STRUCTURAL FOUNDATION PLAN & DETAILS	01.24.2025	0	
ELECTRICAL				
E0.00	ELECTRICAL COVER SHEET	01.24.2025	2	04.02.2025
E1.01	ELECTRICAL NEW WORK PLAN	01.24.2025	2	04.02.2025
E5.01	ELECTRICAL DETAILS	01.24.2025	0	
E6.01	ELECTRICAL DIAGRAMS AND SCHEDULES	01.24.2025	3	04.02.2025
E7.01	ELECTRICAL SCHEDULES	04.02.2025	1	04.02.2025
TELECOM				
LVD1.00	TELECOM - DEMOLITION SITE PLAN	01.24.2025	0	
LV0.01	LOW VOLTAGE LEGEND & NOTES	01.24.2025	0	
LV0.02	BILL OF MATERIALS	01.24.2025	0	
LV0.03	LOW VOLTAGE PROJECT NOTES	01.24.2025	0	
LV1.03A	TELECOM - HQ2 LOWER LEVEL - AREA A	01.24.2025	0	
LV2.01	TELECOM AND SECURITY - NEW WORK OVERALL SITE PLAN	01.24.2025	0	
LV2.02	TELECOM AND SECURITY - NEW WORK PARTIAL SITE PLAN	01.24.2025	0	
LV5.00	TELECOM AND SECURITY - DETAILS	01.24.2025	0	

ARCHITECTURAL SYMBOLS

	ELEVATION INDICATOR: ELEV. NUMBER – SHEET NUMBER		ROOM TAG
	SECTION INDICATOR: DRAWING NUMBER SHEET NUMBER		REVISION NUMBER
	ENLARGED PLAN/DETAIL: DRAWING NUMBER SHEET NUMBER		CODED NOTE

KEY PLAN



LOCATION MAP



ASD | SKY

NAVY FEDERAL
CREDIT UNION
HQ2 ATM ADDITION

1007 ELECTRIC AVE
VIENNA, VIRGINIA 22180



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Associated Space Design, Inc. 2025

3	04.24.25	CONFORMED SET
2	04.02.25	ADDENDUM #2
1	03.24.25	ADDENDUM #1
0	01.24.25	PRICING AND PERMIT
NO.	DATE	REVISIONS

DRAWING TITLE:
GENERAL PROJECT
INFORMATION SHEET

PROJECT NO.: 71498.00	ISSUE DATE: 01.24.2025
DRAWN BY: JLV	CHECKED BY: GC
SHEET NUMBER: G0.01	

**NAVY FEDERAL
CREDIT UNION
HQ2 ATM ADDITION**

1007 ELECTRIC AVE
VIENNA, VIRGINIA 22180



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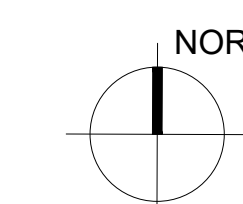
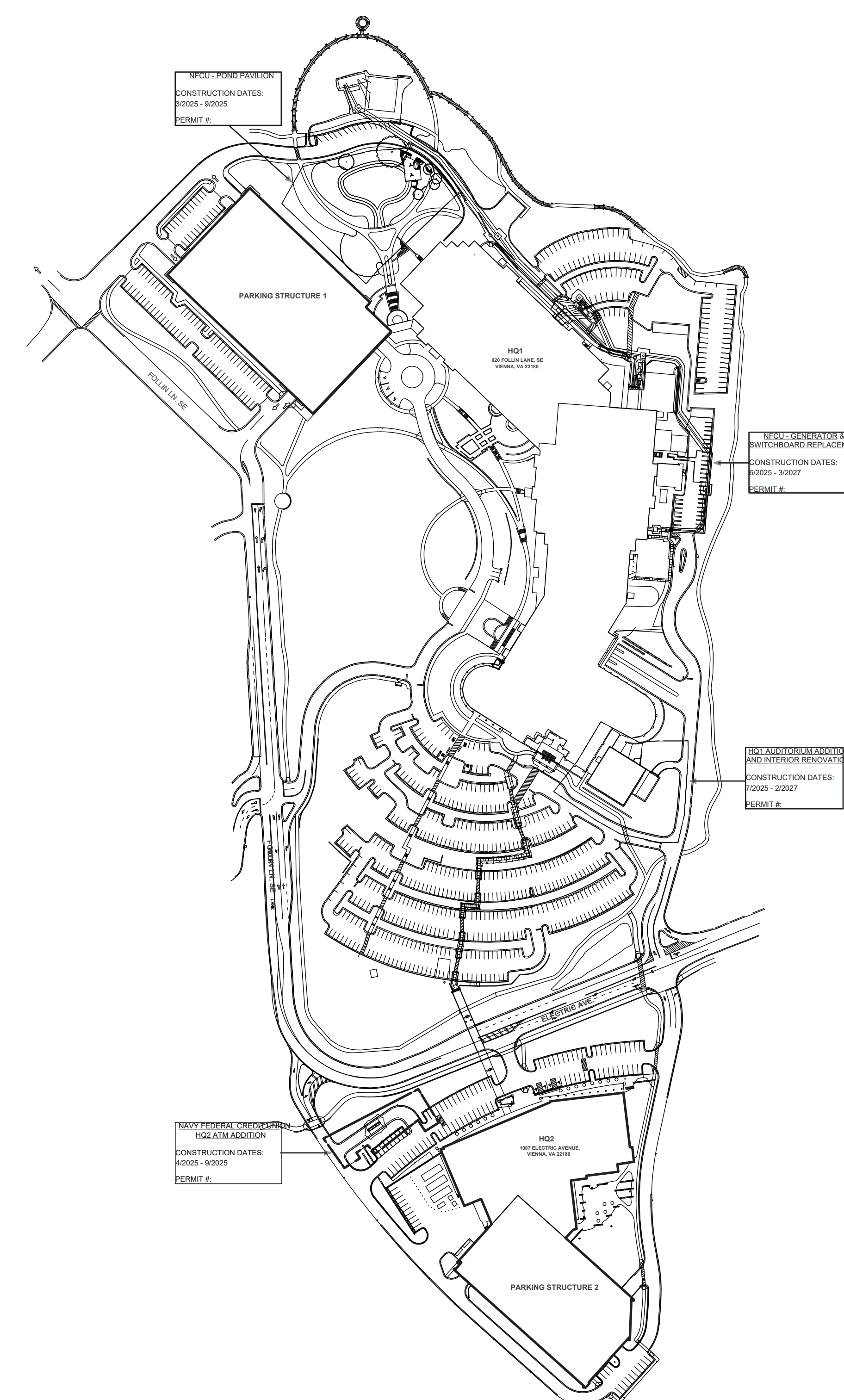
Associated Space Design, Inc. 2025

[illegible]

DRAWING TITLE:
NFCU CAMPUS
DEVELOPMENT PLAN

PROJECT NO.: 71498.00	ISSUE DATE: 01.24.2025
DRAWN BY: JLV	CHECKED BY: GC

NUMBER: **A1.01**



1007 ELECTRIC AVE
LENNA, VIRGINIA 22180

- ① EXISTING SIGN AND POLE TO REMAIN
- ② EXISTING MONUMENT SIGN TO REMAIN. CLEAN AND PREP FOR IN-PLACE ALTERATIONS
- ③ EXISTING SIGN BOX TO BE RELOCATED. REMOVE AND SALVAGE BOX FOR REINSTALLATION IN NEW LOCATION. CLEAN AND PREP FOR NEW ALTERATIONS. DEMOLISH EXISTING CONCRETE BASE. EXISTING ELECTRICAL POWER CIRCUIT TO REMAIN AND BE EXTENDED TO NEW SIGN LOCATION
- ④ EXISTING SIGN AND POLE TO BE RELOCATED. REMOVE AND SALVAGE SIGN AND POLE FOR REINSTALLATION IN NEW LOCATION TO BE DIRECTED BY OWNER
- ⑤ REMOVE EXISTING SIGNS AND POLE. RETURN TO OWNER FOR ATTIC STOCK. REINSTALL ONE "SMOKE-FREE CAMPUS" TYPE D ONTO EXISTING POLE IN OPPOSITE ISLAND
- ⑥ EXISTING SIGNS AND POLE TO BE RELOCATED. REMOVE AND SALVAGE SIGNS AND POLE FOR REINSTALLATION IN NEW LOCATION
- ⑦ EXISTING POLE AND C.3 SIGN TO REMAIN. REMOVE AND DEMOLISH "DELIVERY ENTRANCE" SIGN

4	DEMO PLAN CODED NOTES
---	-----------------------

1 CODED NOTE

SIGN TYPE:

SIGN NUMBER

SIGN SIDE:

ELECTRICAL:

- A MONUMENT SIGN
- B SINGLE SIGN WITH POLE
- C VEHICULAR DIRECTIONAL SIGN
- D SLOGAN SIGNAGE
- E STOP SIGN
- F PEDESTRIAN SIGN
- G VISITOR PARKING SIGN

3	SIGNAGE LEGEND
---	----------------

SYMBOL	DESCRIPTION	REMARKS
—————	EXISTING ITEM TO REMAIN	
-----	EXISTING ITEM TO BE DEMOLISHED	

2	DEMOLITION PLAN LEGEND
---	------------------------

SCALE: 1/16" = 1'-0"

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[illegible]

0	01.24.2025	PRICING AND PERMIT
NO:	DATE:	REMARKS:
REVISIONS:		
DRAWING TITLE:		
ARCHITECTURAL AND SIGNAGE DEMOLITION PLAN		
PROJECT NO:	ISSUE DATE:	
71498.00	01.24.2025	
DRAWN BY:	CHECKED BY:	
JLV	GC	
SHEET NAME:		

\\ddl71498.00\NFCU ATM Relocation\Drawings\CAD FILES\250116_NFCU HQ2 ATM ADDITION PROJECT.dwg

NAVY FEDERAL
CREDIT UNION
HQ2 ATM ADDITION1007 ELECTRIC AVE
VIENNA, VIRGINIA 22180

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Associated Spaces Design, Inc. 2025

DRAWING TITLE:
**ARCHITECTURAL AND
SIGNAGE SITE PLAN**

PROJECT NO.:
71498.00

ISSUE DATE:
01.24.2025

DRAWN BY:
JLV

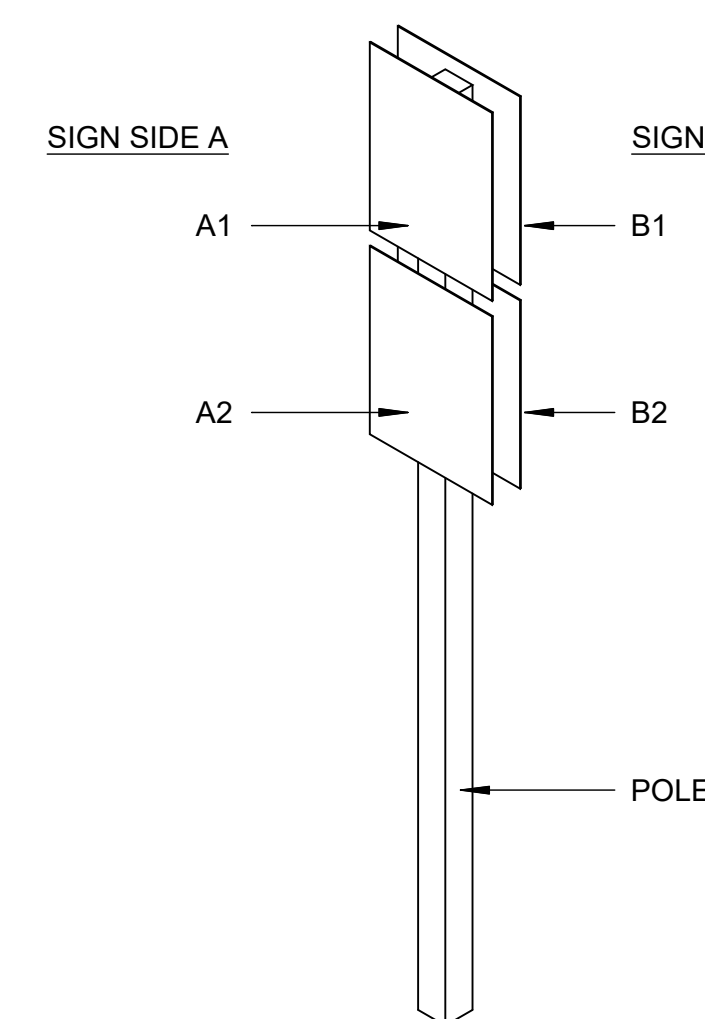
CHECKED BY:
GC

SHEET NUMBER:
A3.01

- ① INSTALL NEW SURFACE MOUNTED ACRYLIC BAND SIGN TO EACH SIDE OF EXISTING SIGN. BAND TO BE 8" HIGH BY WIDTH OF SIGN AND INSTALLED AT 4" ABOVE BOTTOM OF BOX SIGN
- ② INSTALL NEW SURFACE MOUNTED ACRYLIC BAND SIGN TO EACH SIDE OF RELOCATED SIGN. BAND TO BE 12" HIGH BY WIDTH OF SIGN AND INSTALLED AT 4" ABOVE BOTTOM OF BOX SIGN
- ③ EXISTING BOX SIGN TO BE COPIED FOR NEW TYPE L SIGNS
- ④ NEW BOX SIGN AND CONCRETE BASE IN EXISTING PLANTED AREA
- ⑤ REINSTALL EXISTING POLE AND SIGNS IN NEW LOCATION TO BE STAKED BY ARCHITECT
- ⑥ INSTALL NEW TENSILE STRUCTURE PER SHEET 7/A3.01
- ⑦ INSTALL NEW CONCRETE FOUNDATION AND REINSTALL RELOCATED MONUMENT SIGN, EXTEND EXISTING POWER CIRCUIT TO NEW LOCATION
- ⑧ REINSTALL SIGN IN LOCATION DIRECTED BY OWNER
- ⑨ INSTALL NEW SIGN AND POLE
- ⑩ INSTALL EXISTING SIGN AND POLE FROM OWNER'S ATTIC STOCK
- ⑪ FUTURE EV CHARGING STATION, REFER TO ELECTRICAL
- ⑫ REINSTALL "SMOKE FREE CAMPUS" SIGN ON THIS POLE. REFER TO NOTE 5 ON A1.01

4 PLAN CODED NOTES

① CODED NOTE



3 SIGN SIDE DIAGRAM

SIGN TYPE: A B C D E F

SIGN NUMBER: 1 2 3 4 5

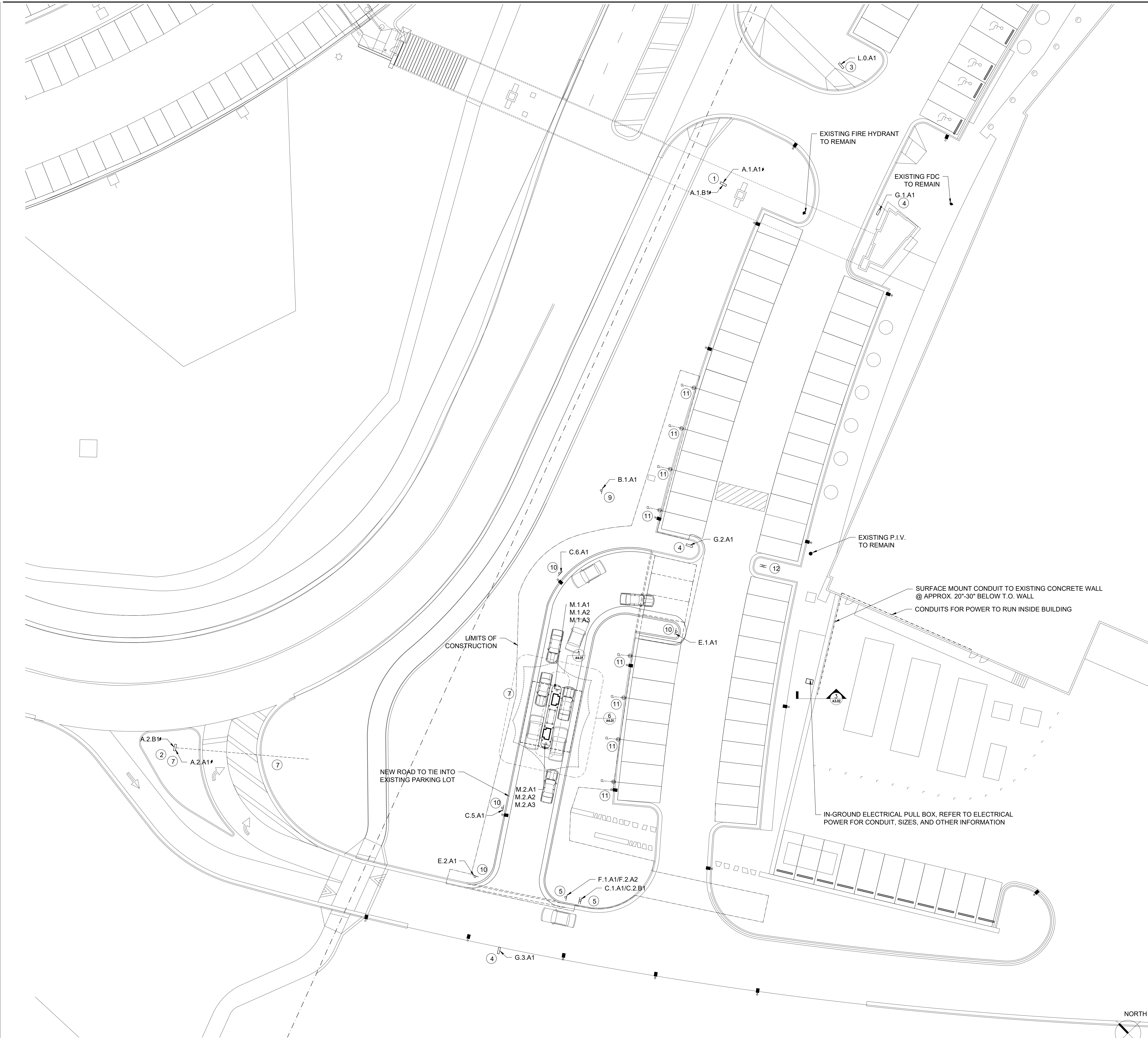
SIGN SIDE: A1 A2 B1 B2

ELECTRICAL:

FUTURE ELECTRIC VEHICLE CHARGING STATION: EV

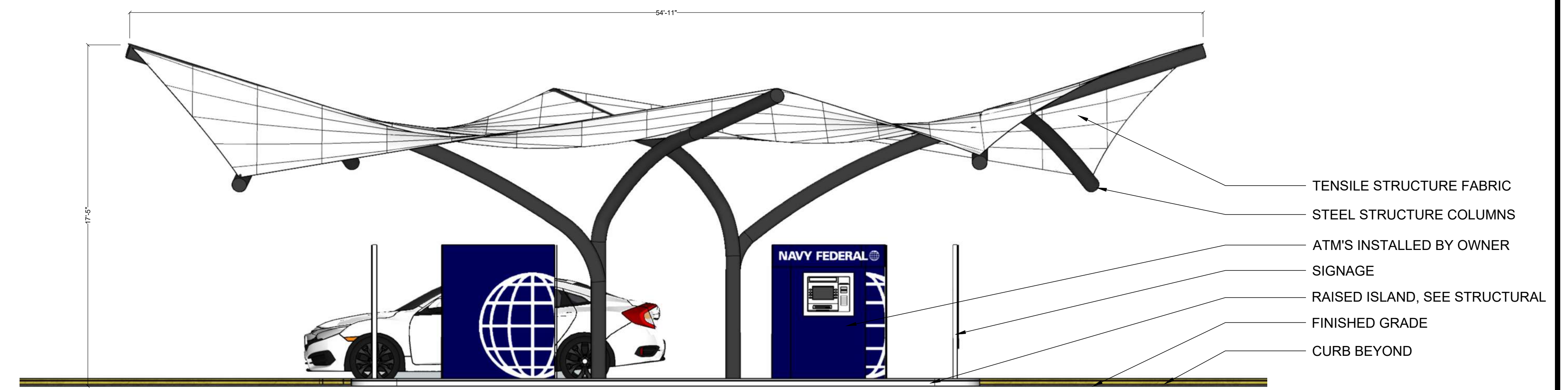
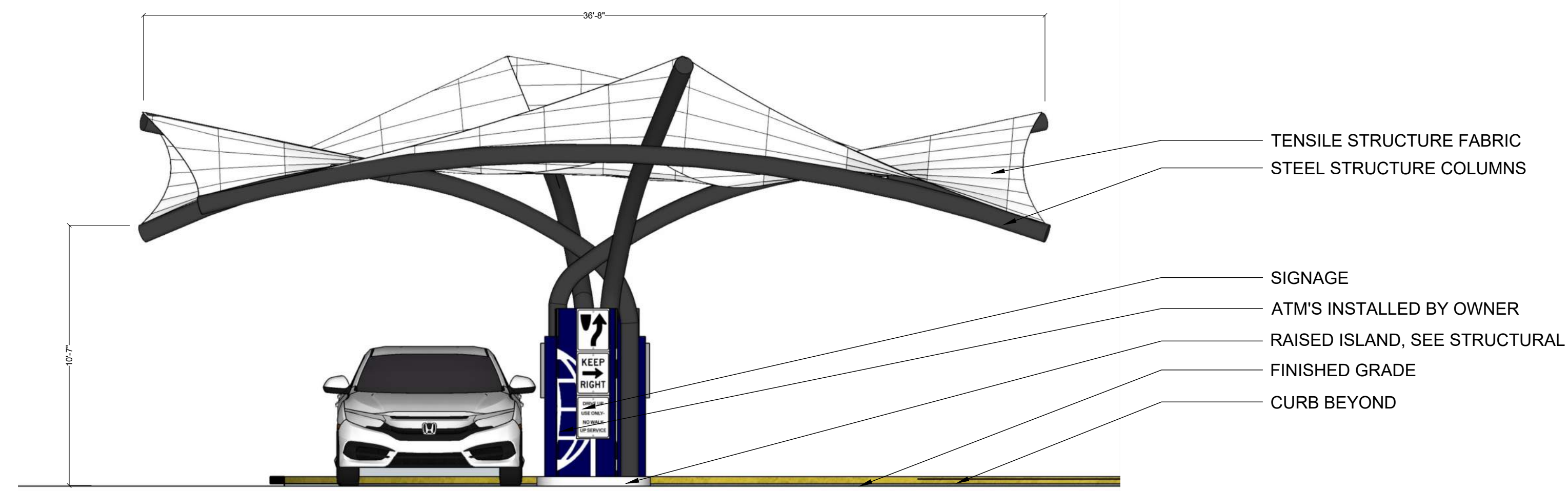
A MONUMENT SIGN
B SINGLE SIGN WITH POLE
C VEHICULAR DIRECTIONAL SIGN
D SLOGAN SIGNAGE
E STOP SIGN
F PEDESTRIAN SIGN
G VISITOR PARKING SIGN

2 SIGNAGE LEGEND



1 SITE PLAN

SCALE: 1/16" = 1'-0"



NAVY FEDERAL CREDIT UNION HQ2 ATM ADDITION

1007 ELECTRIC AVE
VIENNA, VIRGINIA 22180

2 NORTH & SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

1	EAST & WEST ELEVATION
---	-----------------------

SCALE: 1/4" = 1'-0"

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Associated Space Design, Inc. 2025

[illegible]

04.28.2025	ASI 1
NO:	DATE: REMARKS:
REVISIONS:	

DRAWING TITLE:
STRUCTURE ELEVATIONS

1000

SUBJECT NO.:	ISSUE DATE:
71498.00	04.28.2025

OWN BY: JLV	CHECKED BY: GC
----------------	-------------------

A5.01

TENSILE STRUCTURE (ATM CANOPY)

ARCHITECT'S SPECIFICATION

- PART 2 PRODUCTS
- 2.01 MANUFACTURERS
- A. G.H Bruce, LLC, Custom Tensile Sculptures, www.gbbruce.com,
1. 525 E Rogers Road, Tucson, AZ 85705,
2. 520-903-9005, gbbruce.com.
- 2.02 FABRICATION
- A. Fit and shop assemble items in largest practical sections, for delivery to site.
- B. Fabricate items with joints tightly fitted and secured.
- C. Grind exposed joints flush and smooth with adjacent finish surface. Make exposed joints butt tight, flush, and hairline. Ease exposed edges to small uniform radius.
- D. Furnish components required for anchorage of fabrications. Fabricate anchors and related components of same material and finish as fabrication, except where specifically noted otherwise.
- E. Shop weld and finish welds for junction box mounting brackets and hand holes.
- 2.03 FINISHES - STEEL
- A. Prime paint all other steel items except those noted. Refer to Painting Section for specific requirements.
1. Exceptions: Galvanize bollards.
2. Tensile shade structure to be pre-finished by the fabricator in the shop.
- B. Prepare surfaces to be primed in accordance with SSPC-SP2.
- C. Clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- D. Galvanizing of Structural Steel Members: Galvanize after fabrication to ASTM A123/A123M requirements. Provide minimum 1.7 oz/sq ft galvanized coating.
- E. Galvanizing of Non-structural Items: Galvanize after fabrication to ASTM A123/A123M requirements.

REFERENCE IMAGES
(THE IMAGES BELOW ARE SIMILAR IN COLOR/STYLE/SPECIFICATION)



REGARDING SAMPLES
THE SAMPLES PROVIDED FOR BAR REVIEW ARE REPRESENTATIVE OF THE BASIS OF DESIGN PRODUCT. THE GENERAL CONTRACTOR (TBD) MAY ELECT TO PROCURE A DIFFERENT, BUT COMPARABLE, PRODUCT THAT MEETS THE DETAILS OF THE ARCHITECT'S SPECIFICATIONS (SEE LEFT).

MANUFACTURER DATA SHEETS

ARCHITEC 400® is an extremely strong knitted shade cloth that has been designed for very large commercial tension membrane structures and shade sails.

Protecting people just like you

ARCHITEC 400® EXTRA HEAVY DUTY KNITTED SHADE CLOTH

www.PolyfabUSA.com

polyfab USA

ARCHITEC 400® EXTRA HEAVY DUTY KNITTED SHADE CLOTH

Architec 400® is tough under the sun

Architec 400® is 400gsm High Density Polyethylene (HDPE) fabric with an excellent weight to strength ratio. It has very good tensile strength and is extremely resistant to tearing.

Architec 400® incorporates the latest in Ultra Violet (UV) stabilizers. These new generation stabilizers extend the UV life of the fabric so that Polyfab can now offer a 15 year warranty - the best industry warranty available (conditions apply). These new UV stabilizers also provide improved color consistency and colorfastness.

Ovalon™ is our propriety monofilament yarn

Architec 400® contains no flat tape. Instead it is made from a combination of monofilament yarn and our new Ovalon™ monofilament yarn.

Ovalon™ provides excellent strength and has minimal stretch in both the Warp and Weave direction of the stitch pattern and will maintain its tension. It also provides very high UV protection over 90%.

With Ovalon™ you get the strength of monofilament yarns combined with the UV protection of tape.

Architec 400® is good under tension

Shade sails using Architec 400® should be well designed and engineered to hold the fabric under the tension it deserves.

The fabric should be supported by using appropriate strength poles and footings as determined by a professional engineer and fabricated and installed by a qualified contractor in accordance with local building codes.

Architec 400® is easy to work with

Architec 400® has been pre-stretched to reduce shrinkage and improve the stability of the fabric. This process improves the workability of the fabric during the fabrication and installation of the shade sails or shade structure.

Available sizes:

12.5 feet / 3.8 meters (width) x 55 yards / 50 meters (length) straight rolls (not folded)

Minimal weight:

12 oz. per square yard / 400 gsm

Architec 400® is available in 12 designer colors.

COLOR	COLOUR	SHADE	UVN	ULTRAVIOLET	PROTECTION	SPF
Factor	Factor	Factor	Factor	Factor	Category	Rating
1. Turquoise	92.6	94.7	92.6	94.7	Effective	NA
2. Porcelain	93.5	73.0	92.3	93.0	Very Effective	87
3. Cappuccino	94.1	86.0	94.5	93.0	Most Effective	36
4. Aquamarine	95.2	91.0	94.5	93.0	Very Effective	31
5. Navy Blue	95.2	92.4	94.3	94.0	Very Effective	NA
6. Midnight Green	94.7	93.1	94.6	93.0	Very effective	NA
7. Orange	94.7	84.7	94.8	93.0	Very effective	61
8. Lemon	91.4	69.1	91.4	89.0	Effective	75
9. Lime	87.3	77.6	87.8	88.0	Effective	NA
10. Slate	95.3	88.0	95.3	94.0	Very Effective	NA
11. Black	95.3	95.0	95.2	94.0	Very Effective	NA
12. Black	96.6	97.2	96.5	95.0	Most Effective	1

*The new version of these colors have improved pigments that make them slightly more intense than the original color shades.

TABLE 3-1. Ultraviolet Effectiveness (UVE) Classification System

UVE (%)	Protection category
90.0 to 94.9	Effective
95.0 to 94.9	Very effective
95.0+	Most effective

Technical Specifications

WARP	WEAVE
Breaking Force (per ASTM D-4539)	lbs 362 270
Elongation at Break (per ASTM D-5034)	% 87 96
Tearing Strength (per ASTM D-2264)	lbs 41 38
Wuhan Burst (per ASTM D-3799)	lbs/in Fash 593
Ball Burst (per ASTM D-3797)	lb/ Fash 450*

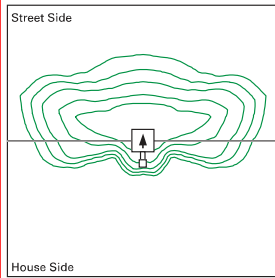
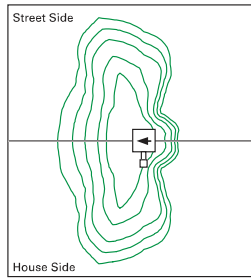
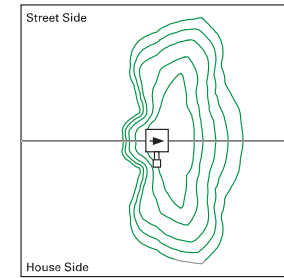
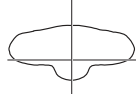
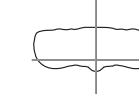
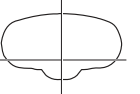
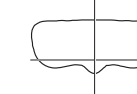
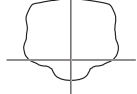
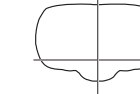
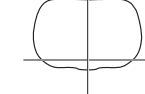
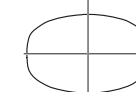
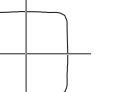
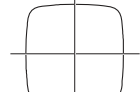
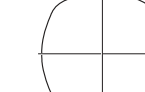
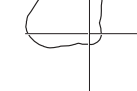
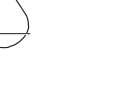
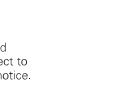
*Remarks: * Exceeds capacity of fabric

Fire Standard Compliance: Architec 400® complies with the standard ASTM E 84 (Class 1 and A rating)

EXISTING TENSILE STRUCTURE CONNECTOR CANOPIES



[illegible][illegible]

Submitted by Chesapeake Lighting Captial/Tristate THE ILLUMINATION AUTHORITY OF BAHAMAS	Job Name: 1001 NASSAU FEDERAL CREDIT UNION - HDD CAMPUS DEVELOPMENT	Catalog Number: GLEON-AE-02-LED-E1-SL4-BZ-700/ LS/HSS-BZ NORMAL	Type: H1 PROJECT #6469677
GLEON GALLERON LED			
OPTIC ORIENTATION  Optic Rotated Left @ 90° (SLC)	 Optic Rotated Right @ 90° (SLC)	 Optic Rotated Right @ 90° (SLC)	
OPTIC DISTRIBUTIONS T2 (Type II)  T2W (Type II with Soft Control) 	T3 (Type III)  T3W (Type III with Soft Control) 	T4T (Type IV Forward Throat)  T4W (Type IV Wide) 	SL4 (Type IV with Soft Control) 
RW (Recessed Recessed Wide Type II)  T2W (Type II with Soft Control) 	T3W (Type III with Soft Control)  T3W (Type III with Soft Control) 	RW (Recessed Recessed Wide Type II)  RW (Recessed Recessed Wide Type II) 	RW (Recessed Recessed Wide Type II) 
RW (Recessed Recessed Wide Type II)  RW (Recessed Recessed Wide Type II) 	RW (Recessed Recessed Wide Type II)  RW (Recessed Recessed Wide Type II) 	RW (Recessed Recessed Wide Type II)  RW (Recessed Recessed Wide Type II) 	RW (Recessed Recessed Wide Type II) 
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[illegible]

- *HEIGHT OF FIXTURE TO MATCH EXISTING (NOT TO EXCEED 15' - 0")
- *ALL LIGHTING FIXTURES ARE TO BE DIMMABLE
- *EXISTING POLE LIGHTING IS 3500K (COLOR TEMP)

B

CANOPY LIGHTING

DENALI LED (INTEGRAL)

IP66 RATED

DATE:PROJECT:TYPE:

CATALOG NUMBER LOGIC:



CATALOG NUMBER LOGIC

Example: DE - LED - TR - x88 - SP - 82W - 9 - 11 - A - NON - 120 - 25

MATERIAL:

Aluminum

SERIES

DE - Denali

SOURCE

LED - Chip on Board (COB) Technology

HOUSING

TS - Integral Driver

LED TYPE

x88 - 13W/2700K/80CRI	x101 - 13W/2700K/90CRI	✔
x89 - 13W/3000K/80CRI	x102 - 13W/3000K/90CRI	✔
x103 - 13W/3500K/80CRI	x104 - 13W/3500K/90CRI	✔
x100 - 13W/4000K/80CRI	x121 - 13W/4000K/90CRI	✔
x122 - 21W/2700K/80CRI	x126 - 21W/2700K/90CRI	✔
x123 - 21W/3000K/80CRI	x127 - 21W/3000K/90CRI	✔
x124 - 21W/3500K/80CRI	x128 - 21W/3500K/90CRI	✔

OPTICS

SP - Spot (17°) FL - Flood (48°) **WFL - Wide Flood (95°)**

FINISH (See page 3 for full-color swatches)

Standard Finishes (B2P, B2W, BLP, BLW, WHP, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TFC, WCP, WIR)

Also available in RAL Finishes

LENS TYPE*

9 - Clear (Standard)

SHIELDING*

12 - 50° Focus 13 - Rectilinear

CAP STYLE

A - 45°

B - 90°

C - Flush

D - 45° Less Weephole (Downward Aiming Only)

E - 90° Less Weephole (Downward Aiming Only)

CONTROLS

NON - Non Dimming

ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)**

INC - Dimming Driver (For use with Incandescent dimmer)**

010 - 0-10V Dimming Driver (Dimming <3-100%)

INPUT VOLTAGE

120 - 120 VAC

277 - 277 VAC

*Accommodates up to 2 lens/shielding media.

**120V only.

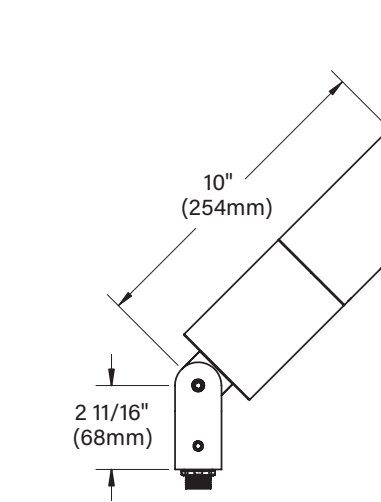
TITLE 24, JAS COMPLIANT

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IP66 RATED

DATE:PROJECT:TYPE:

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x100 - 13W/4000K/80CRI	x121 - 13W/4000K/90CRI	✔
x122 - 21W/2700K/80CRI	x126 - 21W/2700K/90CRI	✔
x123 - 21W/3000K/80CRI	x127 - 21W/3000K/90CRI	✔
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**120V only.

TITLE 24, JAS COMPLIANT

STANDARD FINISHES

PREMIUM FINISHES

Satin Black (BLP)

Satin Bronze (B2P)

Satin White (WHP)

Satin Aluminum (SAP)

Black Chrome (BCM)

Bronze Winkle (B2W)

White Winkle (WHW)

Verde (VER)

Cascade Mtn. Granite (CMG)

Rocky Mtn. Granite (RMG)

Sierra Mtn. Granite (SMG)

Alouatta Mtn. Granite (AMG)

Reclaimed Forest (TFE)

Black Chrome (BCM)

Beige (BGE)

Weathered Copper (WCP)

Old Copper (OCOP)

Hunter Green (HUG)

Antique Brass Powder (ABP)

Brown Patina Powder (BPP)

Sandstone Desert (SDS)

Weathered Iron (WIR)

Clear Anodized Powder (CAP)

Cream (CRM)

Antique White (AQW)

Natural Brass Powder (NBP)

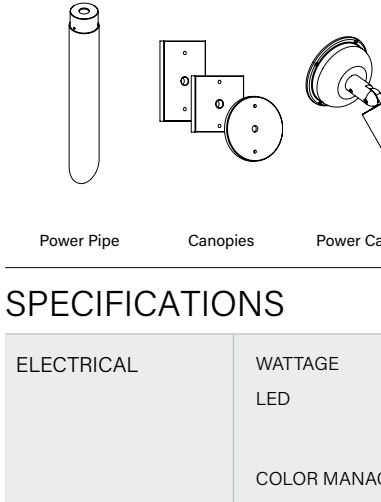
Click Here to view larger, full-color swatches of all available finishes on our website.

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x123 - 21W/3000K/80CRI	x127 - 21W/3000K/90CRI	✔
x124 - 21W/3500K/80CRI	x128 - 21W/3500K/90CRI	✔

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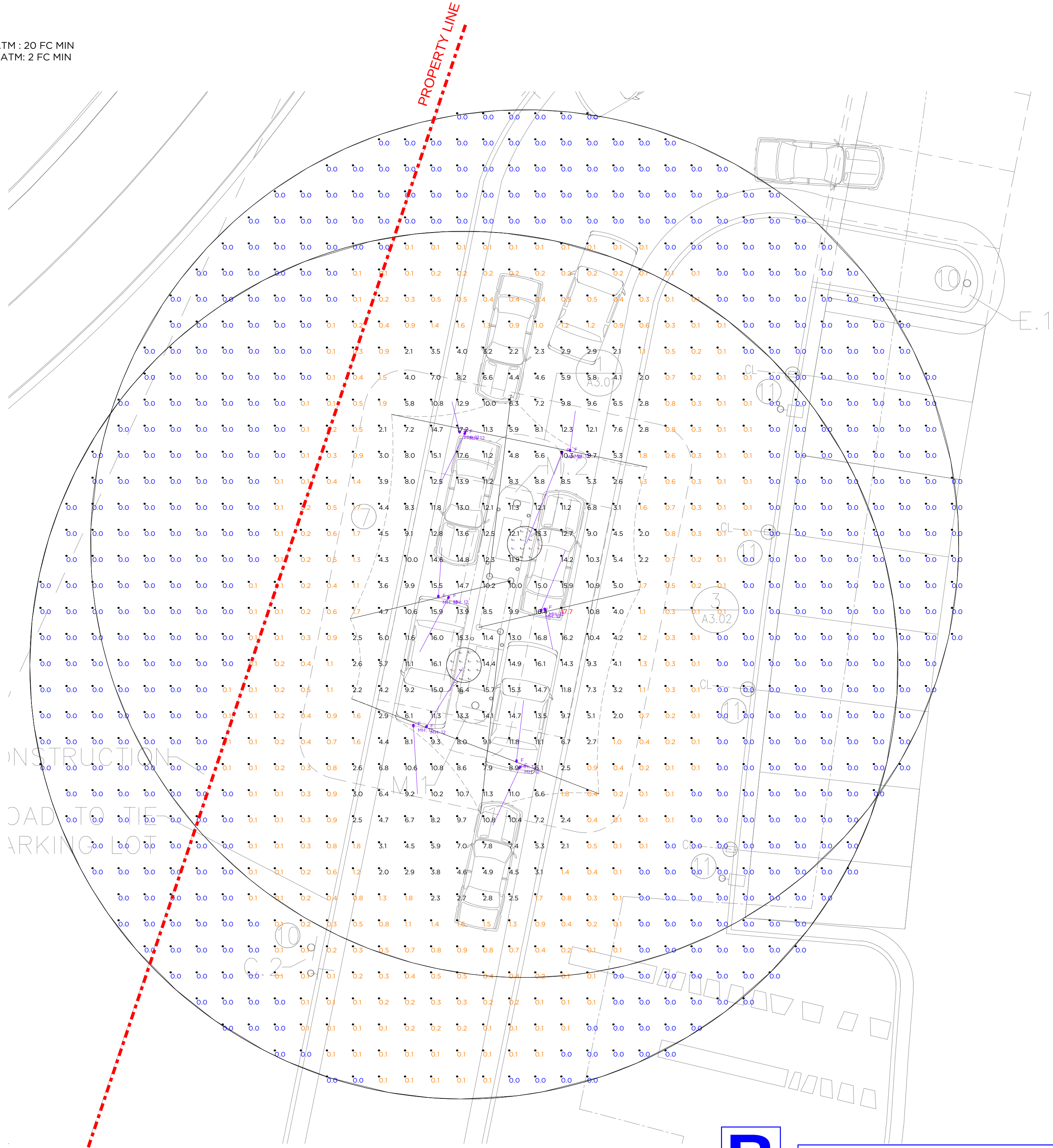
Click Here to view larger, full-color swatches of all available finishes on our website.

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	[MANUFAC]	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	12	F	Single	B-K Lighting INC	DE-LED-TR-X125-WFL-9-C-PROTOTYPE(4000K)	0.900	1627	21.7766	261.319

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	Grid Z
ATM 1 - 2FT RADIUS ZONE	Illuminance	Fc	13.17	14.0	12.3	1.07	1.14	1	0
ATM 2 - 2FT RADIUS ZONE	Illuminance	Fc	16.08	16.9	14.9	1.08	1.13	1	0
ATM ZONE	Illuminance	Fc	1.78	17.7	0.0	N.A.	N.A.	3	0
ATM 1 - 50FT RADIUS ZONE	Illuminance	Fc	2.48	17.7	0.0	N.A.	N.A.		
ATM 2 - 50FT RADIUS ZONE	Illuminance	Fc	2.49	17.7	0.0	N.A.	N.A.		

NOTES:
- WHEN THE LLF IS NOT 0.9 OR 1.0 THEN THE WATTAGE INFORMATION WILL NOT BE CORRECT
- FIXTURE LOCATIONS AS PROPOSED
- FIXTURE GLARE HAS NOT BEEN FACTORED INTO THE LAYOUT CONSIDERATION

TARGET:
ATM
- WITHIN 2' OF ATM : 20 FC MIN
- WITHIN 50' OF ATM: 2 FC MIN



PHOTOMETRY
Scale: 1 inch= 8 Ft.

B FOOTCANDLE STUDY

CANOPY LIGHTING FIXTURES ARE DIRECTED DOWN, NOT UP

Disclaimer:
SESCO Lighting provides this photometric report for purposes of comparison within the SESCO Lighting product line only. The information provided is based on standardized industry procedures.
This laboratory performance will always differ from that observed in the field due to a great number of variables, both known and unknown (installation methods, power quality, lamping, recoverable and non-recoverable light loss factors, etc.)
In general, SESCO Lighting considers numerical studies to be predictive in that they cannot characterize the visual performance of any luminaire, single or grouped. As such, specification decisions must be thoroughly based upon experience, consultation with the manufacturer, and, above all, common sense.

Sales Rep: Kent Gainey

Office: Atlanta, GA

Contact No: (770) 449-7045

Processed By: J.Garner

Filename: 01-27-2025 NAVY FEDERAL CREDIT UNION ATMS.AGI

Navy Federal Credit Union
ATM Addition



PHOTOS TAKEN 5/16/25

REGARDING VEHICLE HEADLIGHT PROJECTION
 WE BELIEVE THE SITE (TOPOGRAPHY, VEGETATION BUFFERS, FENCING),
 WILL NOT ALLOW ANY LIGHT POLLUTION TO EXTEND PAST THE CURRENT
 PROPERTY LINES ONTO NEIGHBORING PROPERTIES

