



55 Ivan Allen Jr. Blvd. Suite 100 Atlanta, GA 30308 T 404.688.3318 F 404.688.2255 www.asdsky.com







OWNER:

NAVY FEDERAL CREDIT UNION (NFCU) 820 FOLLIN LANE, SE VIENNA, VA 22180 TIM_MARKLE@NAVYFEDERAL.ORG 703.206.3984 / CONTACT: TIM MARKLE

INTERIOR RENOVATIONS

820 FOLLIN LANE SE,

VIENNA, **VA** 22180

NAVY FEDERAL CREDIT

HQ1 AUDITORIUM ADDITION AND

ARCHITECT:

UNION

ASD, INC.
3030 CLARENDON BLVD, SUITE 350
ARLINGTON, VA 22201
EBURCH@ASDNET.COM
404.688.3318 / CONTACT: EVAN BURCH

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

LANDSCAPE ARCHITECT:
DEWBERRY ENGINEERS INC.
8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.840.1900 / CONTACT: JACK STORY

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

MEP ENGINEER:

DEWBERRY ENGINEERS INC. 8401 ARLINGTON BLVD FAIRFAX, VA 22031 703.645.9711 / CONTACT: RAY HOLDENER

FIRE PROTECTION:
DEWBERRY ENGINEERS INC.

DEWBERRY ENGINEERS IN 8401 ARLINGTON BLVD FAIRFAX, VA 22031

703.289.4799 / CONTACT: JEFF KNIGHTON

LOW VOLTAGE, SECURITY, AV/TELECOM: NEWCOMB & BOYD

303 PEACHTREE CENTER AVE NE, SUITE 525 ATLANTA, GA 30303

404.436.2998 / CONTACT: MATTHEW HOLLAND **KITCHEN CONSULTANT**:

CINILITTLE
20251 CENTURY BLDV, SUITE 150

GERMANTOWN, MARYLAND 20874 240.454.7765 / CONTACT: ALISON O'HEARN

ISSUED FOR: PERMIT AND PRICING

ISSUE DATE: 04.07.2025



ASD SKY

3030 Clarendon Blvd. Arlington, VA 22201 T 703.876.9600

NAVY **FEDERAL CREDIT UNION**

HQ1 AUDITORIUM ADDITION AND INTERIOR RENOVATIONS

820 FOLLIN LANE SE, VIENNA, VA 22180



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Associated Space Design, Inc. 2025

0 04/07/25 FOR PERMIT AND PRICING
D 03/28/25 FOR PERMIT
C 02/21/25 90% CD
B 12/13/24 100% DD
A 11/08/24 50% DD
NO: DATE: REMARKS:

PROJECT INFORMATION

04/07/25 71473.00

A0.01

VIEW FROM SOUTHWEST



VIEW FROM SOUTHEAST

ASD SKY

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NAVY FEDERAL CREDIT UNION

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Associated Space Design, Inc. 2025

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| | В | 12/13/24 | 100% DD |
| ı | Α | 11/08/24 | 50% DD |
| | NO: | DATE: | REMARKS: |
| | | | REVISIONS: |
| | DRAWING | TITLE: | |
| | | | |

PROJECT INFORMATION

PROJECT NO.: ISSUE DATE:

71473.00 04/07/25

DRAWN BY: CHECKED BY:

MP/EB GC

A0.01

SC .



VIEW FROM NORTHEAST

ASD SKY

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NAVY FEDERAL CREDIT UNION

HQ1 AUDITORIUM ADDITION AND INTERIOR RENOVATIONS

820 FOLLIN LANE SE, VIENNA, VA 22180



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Associated Space Design, Inc. 2025

| 0 | 04/07/25 | FOR PERMIT AND PRICING | | | |
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| D | 03/28/25 | FOR PERMIT | | | |
| С | 02/21/25 | 90% CD | | | |
| В | 12/13/24 | 100% DD | | | |
| Α | 11/08/24 | 50% DD | | | |
| NO: | DATE: | REMARKS: | | | |
| | | REVISIONS: | | | |
| DRAWING | TITLE: | | | | |
| PR | PROJECT INFORMATION | | | | |

04/07/25

A0.01

| 1 A1.01 12/A1.01 | ELEVATION INDICATIOR: |
|------------------------------|--------------------------------|
| | ELEV. NUMBER/ SHEET NUMBER |
| SIM | SECTION INDICATOR: |
| 1 A101 | DRAWING NUMBER SHEET NUMBER |
| Q SIM | ENLARGED PLAN/DETAIL: |
| 1 A101 | DRAWING NUMBER SHEET NUMBER |
| → 0'-0" A F F | ELEVATION HEIGHT INDICATOR: |
| 0'-0" A.F.F. B.O. CEILING | HEIGHT DESCRIPTION |
| ALIGN | ALIGN ELEMENTS |

| | Room name | |
|------|-----------|--------------------------|
| | 101 | ROOM TAG |
| BER_ | A1.01 | ALTERNATE NOTE |
| | <u></u> | REVISION NUMBER |
| | | CODED NOTE |
| : | 1 | MILLWORK NOTE |
| | 101 | DOOR + ROOM NUMBER |
| | 1t A1/ | DOOR TYPE HARDWARE SET |
| OR: | T.1 | EQUIPMENT NOTE |
| | | WALL TYPE TAG |
| | 1 | WINDOW TYPE TAG |
| | | |

ABBREVIATIONS

| A/C ADJ | AIR CONDITIONER ADJACENT | MAX M.E. | MAXIMUM MATCH EXISTING |
|--------------|----------------------------------|-------------|---------------------------|
| ADMIN AFF | ADMINSTRATION ABOVE FINISH FLOOR | MECH | MECHANICAL |
| ALT | ALTERNATE | MEZZ MFR | MEZZANINE MANUFACTURER |
| ALUM | ALUMINUM | MGR | MANAGER |
| APPROX | APPROXIMATE | MISC | MISCELLANEOUS |
| ARCH | ARCHITECTURAL | MIN | MINIMUM |
| AVG | AVERAGE | M.O. | MASONRY OPENING |
| BLDG | BUILDING | NIC | NOT IN CONTRACT |
| ВОТ | ВОТТОМ | NTS NOM | NOT TO SCALE NOMINAL |
| CPT | CARPET | | |
| CAB | CABINET | OC | ON CENTER |
| CFM C.J. | COLD FORM METAL | OD | OVERFLOW DRAIN |
| C.J. CL | CONTROL JOINT CENTERLINE | OPNG | OPENING |
| CLG | CEILING | OPP | OPPOSITE |
| CLGHT | CEILING HEIGHT | PL | PLASTIC LAMINATE |
| CLR CONF | CLEAR CONFERENCE | PLAM | PLASTIC LAMINATE |
| CONF | CONTINUOUS | PLYWD | PLYWOOD |
| CORR | CORRIDOR | PT | PAINT |
| DIA | DIAMETER | QTY | QUANTITY |
| DIM DN | DIMENSION DOWN | RD | ROOF DRAIN |
| DR | DOOR | REF | REFRIGERATOR |
| DTL/DET | DETAIL | REFRIG | REFRIGERATOR |
| DWG | DRAWING | REQ | REQUIRED |
| | | REV | REVISION/REVISED |
| EL | ELEVATION | RM | ROOM |
| ELEV | ELEVATOR | R.O. | ROUGH OPENING |
| EQ EQUIP | EQUAL EQUIPMENT | S.A.M. | SELF ADHESIVE MEMBRAN |
| EXST | EXISTING | SAN | SANITARY |
| | | SCHED. | SCHEDULE |
| FE | FINISHED END | SEC | SECRETARY |
| FE | FIRE EXTINGUISHER | SF SIM | SQUARE FOOT SIMILAR |
| FEC FL | FIRE EXTINGUISHER CABINET FLOOR | S.O.G. | SLAB ON GRADE |
| F.O. | FACE OF | SPECS | SPECIFICATIONS |
| FURN | FURNITURE | SQ | SQUARE |
| | | SS | STAINLESS STEEL |
| GA | GAUGE | STD STOR | STANDARD STORAGE |
| GALV GWB | GALVANIZE GYPSUM WALL BOARD | SW | STORAGE SWITCH |
| GYP BD | GYPSUM WALL BOARD GYPSUM BOARD | 011 | SW11011 |
| HDW | HARDWARE | TV | TELEVISION |
| HVAC | HEATING, VENTILATING, AIR | TYP | TYPICAL |
| | CONDITIONING | UNO | UNLESS NOTED OTHERWI |
| INT | INTERIOR | VCT | VINYL COMPOSITION TILE |
| | | VENT | VENTILATION |
| JAN | JANITOR | VERT | VERTICAL |
| JUNC | JUNCTION | VWC | VINYL WALLCOVERING |
| LAB | LABORATORY | VEST | VESTIBULE |
| LAM | LAMINATED | W/ | WITH |
| LAV | LAVATORY | WC | WALLCOVERING |
| LGM | LIGHT GUAGE METAL LOUVER OPENING | WD | WOOD |
| L.O. | | · · - | |

CODE ANALYSIS

I. AUTHORITIES HAVING JURISDICTION A. JURISDICTION B. PLANNING CONTACT: JILL G. COOPER, 703-324-2865

C. FIRE MARSHAL

CONTACT: JOHN WALSER, 703-246-4800

II. APPLICABLE BUILDING CODES

A. BUILDING/DWELLING CODE:

B. PLUMBING CODE:

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

2021 VIRGINIA PLUMBING CODE, 2021 INTERNATIONAL PLUMBING CODE

C. MECHANICAL CODE:

D. ELECTRICAL CODE:

E. FIRE CODE:

C. MECHANICAL CODE:

D. ELECTRICAL CODE:

E. FIRE CODE:

C. MATIONAL ELECTRICAL CODE, 2021 INTERNATIONAL MECHANICAL CODE

2020 NATIONAL ELECTRICAL CODE, 2020 NFPA 70

2021 STATEWIDE FIRE PREVENTION CODE, 2021 INTERNATIONAL FIRE CODE

2021 VIRGINIA FUEL GAS CODE, 2021 INTERNATIONAL FUEL GAS CODE

2021 VIRGINIA ENERGY CONSERVATION CODE, 2021 INTERNATIONAL ENERGY

CONSERVATION CODE

H. LIFE SAFETY CODE:

1. ACCESSIBILITY:

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

I. ACCESSIBILITY:

J. EXISTING BUILDING CODE:

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

2021 VIRGINIA CONSTRUCTION CODE, 2021 INTERNATIONAL BUILDING CODE

| "./ OENEDA | | | |
|-------------|---|-------------------------------|-------------------|
| IV. GENERAL | BUILDING FEATURES | | |
| | A. CONSTRUCTION TYPE: | TYPE 1-A MODIFIED TO TYPE IIB | IBC SECTION 602 |
| | B. BUILDING HEIGHT: | 6 STORIES | IBC SECTION 504 |
| | C. NO. OF STORIES: | 6 | IBC SECTION 504 |
| | D. BUILDING AREA: | 896,855 SF (EXISTING) | IBC SECTION 506. |
| | E. NO. EXITS PER FLOOR: | 2 | IBC TABLE 1006.3. |
| | F. FIRE RESISTANCE RATINGS FOR BUILDING ELEMENTS: | | IBC TABLE 601 |
| | 1. PRIMARY STRUCTURAL FRAME | 3 HOURS | |
| | 2. BEARING WALLS: | | |
| | · a. EXTERIOR | 3 HOURS | |
| | b. INTERIOR | 3 HOURS | |
| | · 3. NON BEARING WALLS + PARTITIONS | 0 HOURS | IBC TABLE 602 |
| | · a. EXTERIOR | | |
| | · 1. IF LESS THAN 5 FEET | 1 HOUR | |
| | · 2. IF BETWEEN 5 FEET AND 10 FEET | 1 HOUR | |
| | · 3. IF BETWEEN 10 FEET AND 30 FEET | 1 HOUR | |
| | 4. IF OVER 30 FEET | 0 HOURS | |
| | · 4. NON BEARING WALLS + PARTITIONS | | IBC TABLE 601 |
| | b. INTERIOR | 0 HOURS | |
| | 5. FLOOR CONSTRUCTION: | 2 HOURS | |
| | 6. ROOF CONSTRUCTION: | 2 HOURS | |
| | 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:
B. CONSTRUCTION AREA:
B - BUSINESS
A - ASSEMBLY

C. OCCUPANT LOAD

SEE LIFE SAFETY PLAN FOR OCCUPANT LOAD REQUIREMENTS

D. FIXTURE REQUIREMENTS

SEE LIFE SAFETY PLAN FOR PLUMBING IBC SECTION 2901.1

VI. EGRESS REQUIREMENTS

A. MAXIMUM TRAVEL DISTANCE:

B. MAXIMUM DEAD END CORRIDOR:

C. COMMON PATH OF TRAVEL:

D. EXIT SEPARATION:

100 (SPRINKLERED)

11/3 THE BUILDING DIAGONAL

100 (SPRINKLERED)

FIXTURE REQUIREMENTS

D. EXIT SEPARATION:

1/3 THE BUILDING DIAGONAL
(SPRINKLERED)
1007.1.1

E. MINIMUM OPENING OF EXIT DOORS:
36" MIN.

F. MINIMUM EXIT RAMP / STAIR WIDTH
44" (SPRINKLERED)
BIBC SECTION
1010.1.1

F. MINIMUM CORRIDOR WIDTH
44"
BIBC TABLE 1020.3

BIBC SECTION 1011.2

44"
BIBC SECTION 1011.2

44"
BIBC SECTION / 1005.3.2

- EGRESS STAIRWAYS FACTOR 0.3 SEE LIFE SAFETY PLAN FOR EGRESS CAPACITY REQUIREMENTS

A. MANUAL FIRE ALARM BOXES: MIN. 5 FT FROM EXIT
B. VISIBLE ALARMS REQUIRED IN PUBLIC AREAS
C. FIRE EXTINGUISHER REQUIREMENTS:
1. MAXIMUM AREA PER EXTINGUISHER
11,250 SQ FT

1. MAXIMUM AREA PER EXTINGUISHER
 2. MAX TRAVEL DISTANCE TO EXTINGUISHER
 D. REFER TO MEP DRAWINGS FOR OTHER DOCUMENTATIONS
 11,250 SQ FT
 15 FT
 16 TABLE 906.3
 17 FT
 18 TABLE 906.3

VIII. INTERIOR FINISH CERTIFICATES

A. FINISH REQUIREMENTS BASED UPON OCCUPANCY:

(SPRINNKLERED)

B. EVITS:

CLASS.B. FLAME SPREAD 26.75: SMOKE

B. EXITS:

CLASS-B, FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450

C. ACCESS TO EXITS

CLASS-C, FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450

C. OTHER SPACES

CLASS-C, FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450

ADDITIONAL NOTE:

VII. FIRE PROTECTION REQUIREMENTS

REFER TO 2021 VCC 712.1.9 FOR TWO-STORY OPENING DEFINITIONS AS APPLICABLE TO THIS PROJECT

ALLOWABLE SIGNAGE:

REFER TO THE SN SERIES FOR ADDITIONAL INFORMATION

BUILDING MOUNTED SIGNAGE:

BUILDING FRONTAGE:
ALLOWABLE SIGN AREA:
(NTE 200 SF FOR INDIVIDUAL SIGN)

1. "NAVY FEDERAL" AT ENTRY
2. "OPERATIONS CENTER"
3. "TRAINING CENTER"
4. MARY'S MILE

1,500 LINEAR FT
2,250 SF

23 SF ESTIMATED
12 SF ESTIMATED
11 SF ESTIMATED
14.4 SF APPROX.

5. "NAVY FEDERAL CREDIT UNION" 73.1 SF APPROX.

TOTAL BUILDING MOUNTED SIGNAGE: 133.5 SF

FREESTANDING SIGNS:

TWO EXISTING VEHICULAR DIRECTIONAL SIGNS ARE TO BE RELOCATED TO ADJUST TO NEW CONSTRUCTION. NO NEW SIGNAGE WILL BE ADDED.

PROJECT DESCRIPTION

- THIS PROJECT CONSISTS OF THE FOLLOWING PARTS:
- 1. THE DEMOLITION OF THE EXISTING ATM STRUCTURE AND ASSOCIATED DRIVEWAY.

 2. THE RENOVATION OF INTERIOR OFFICE SPACE IN THE CONFERENCE CENTER PORTION OF THE HQ1 BUILDING.

 3. THE ADDITION OF A NEW AUDITORIUM SPACE LOCATED ADJACENT TO THE SE OF THE CONFERENCE CENTER. THE AUDITORIUM ADDITION WILL INCLUDE A FULL BASEMENT FOR FURNITURE STORAGE, MECHANICAL, AND OFFICE SPACE.

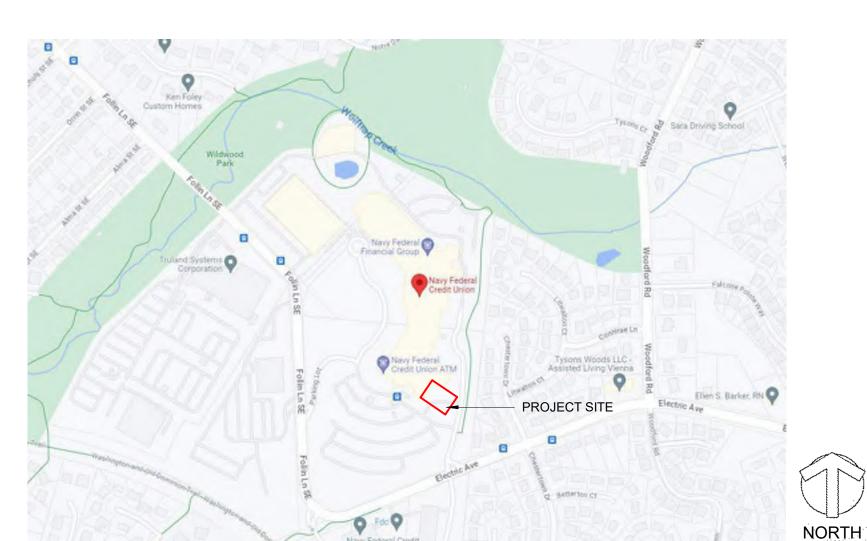
4. THE AUDITORIUM IS FOR NFCU EMPLOYEES ONLY, OUTSIDE ORGANIZATIONS ARE NOT TO USE THE SPACE.

THE GROSS SQUARE FOOTAGE OF THE RENOVATION IS: 8,800SF
THE GROSS SQUARE FOOTAGE OF THE ADDITION IS: L2 = 6,786SF
L3 = 8.072SF

ASD SKY

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LOCATION MAP

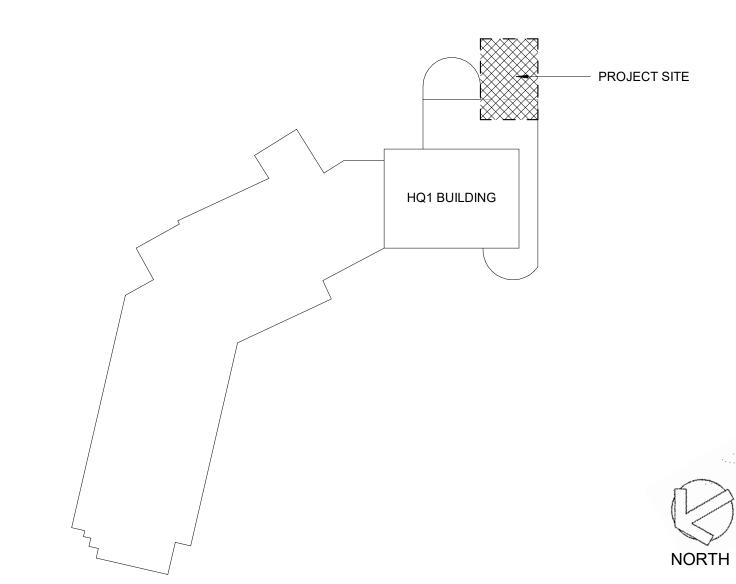


NAVY FEDERAL CREDIT UNION

HQ1 AUDITORIUM ADDITION AND INTERIOR RENOVATIONS

820 FOLLIN LANE SE, VIENNA, VA 22180

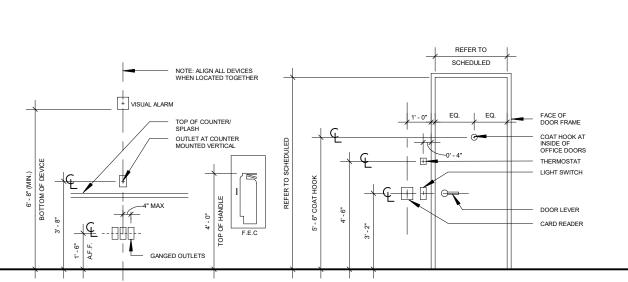
KEY PLAN



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MOUNTING HEIGHTS



NOTE: ALL DIMENSIONS SHALL MEET LOCAL ACCESSIBILITY CODE MATCH EXIST. HEIGHTS WHERE POSSIBLE. CONTACT ASDISKY WITH ANY QUESTIONS OR CONFLICTS RE. MOUNTING

accuracy of original drawings.
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REVISIONS:

DRAWING TITLE:

PROJECT INFORMATION

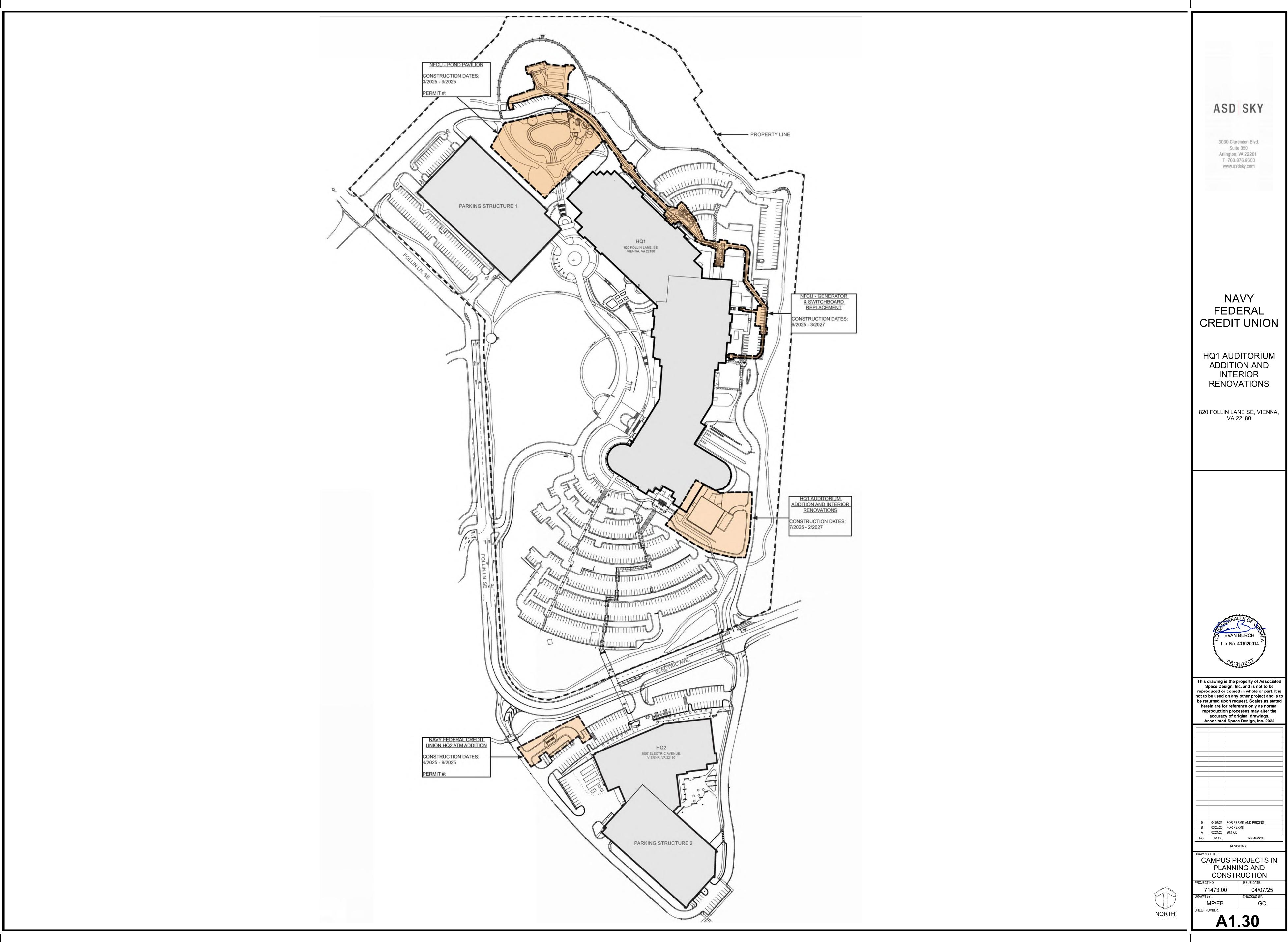
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71473.00 04/07/25

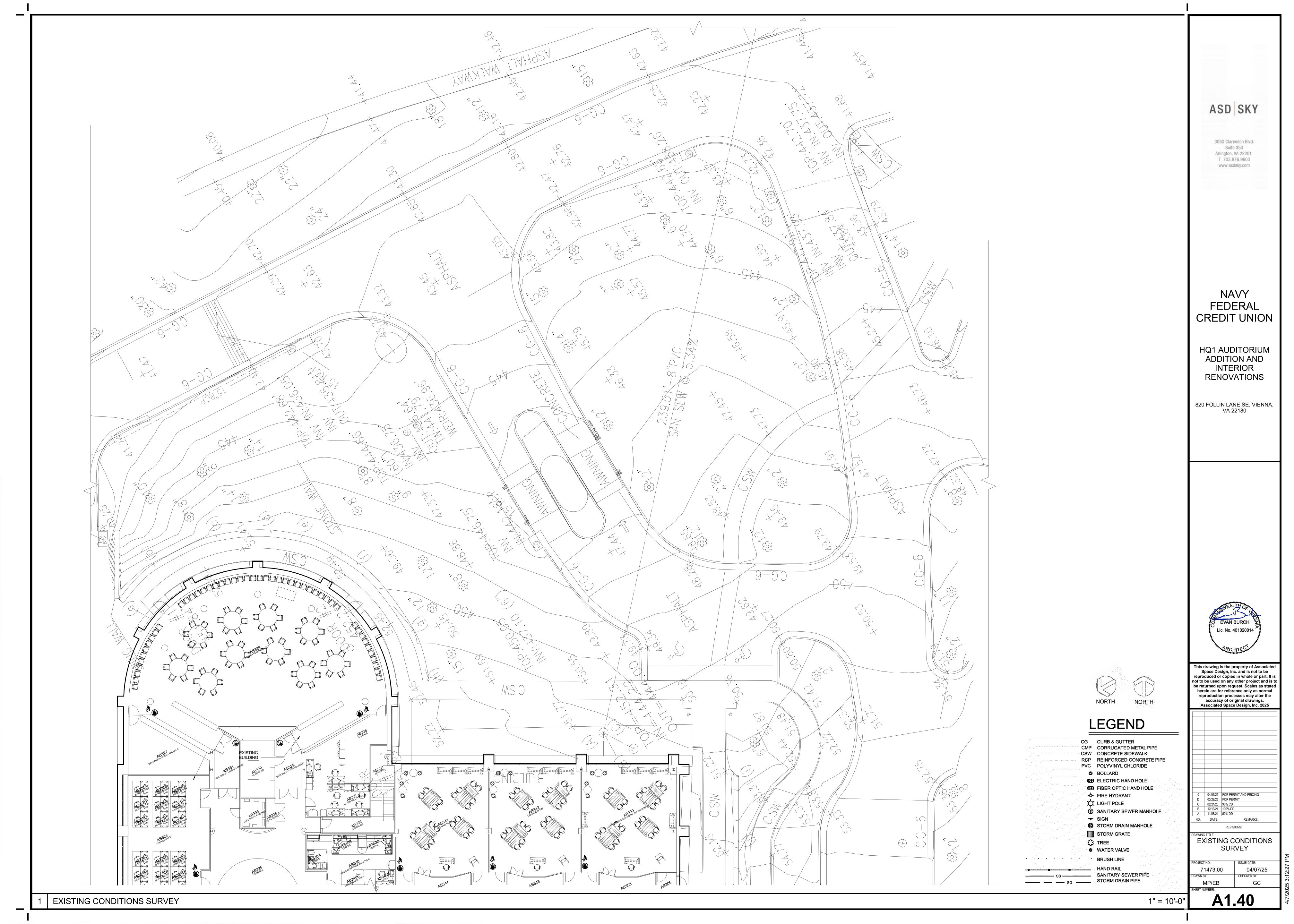
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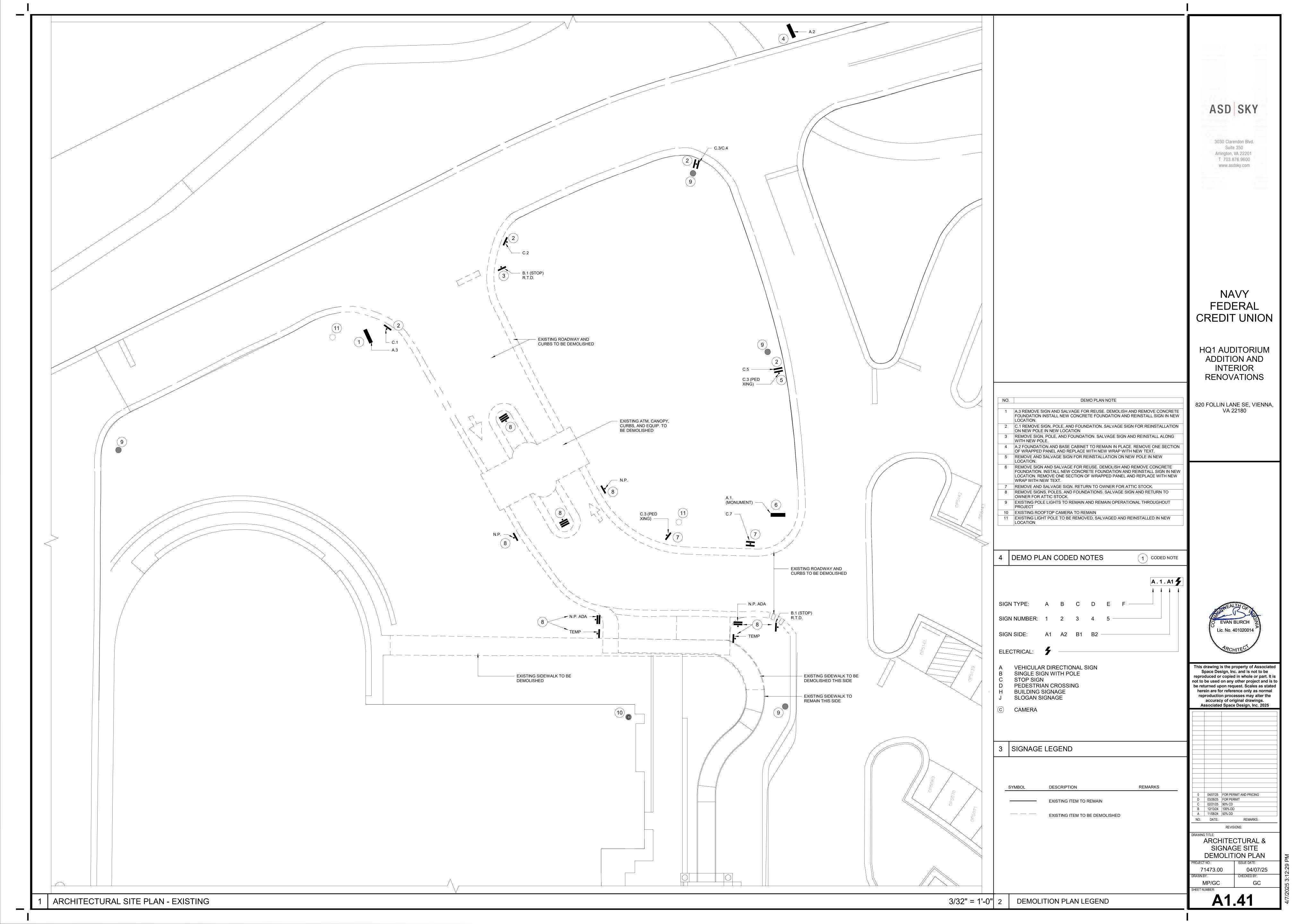
MP/EB GC

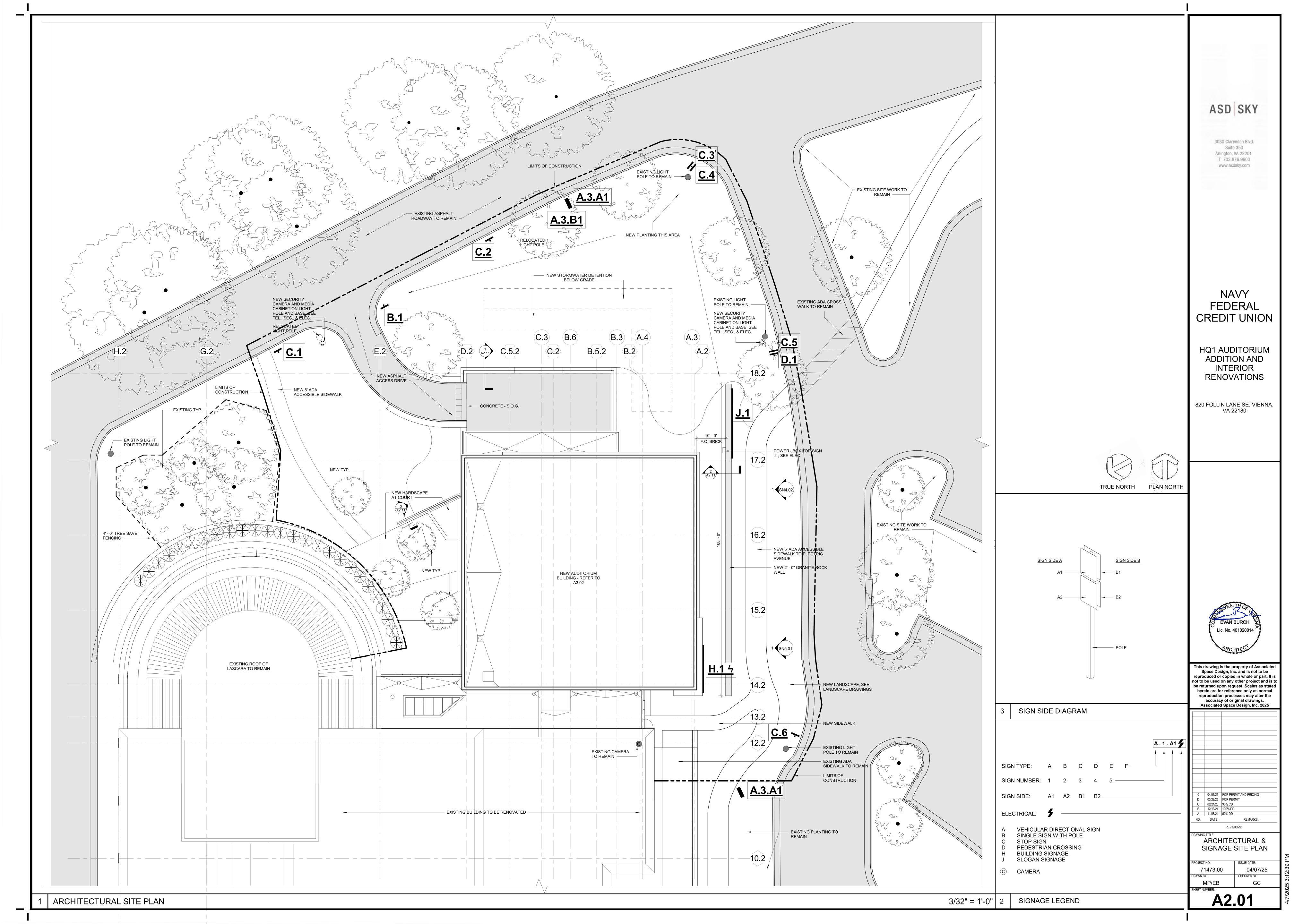
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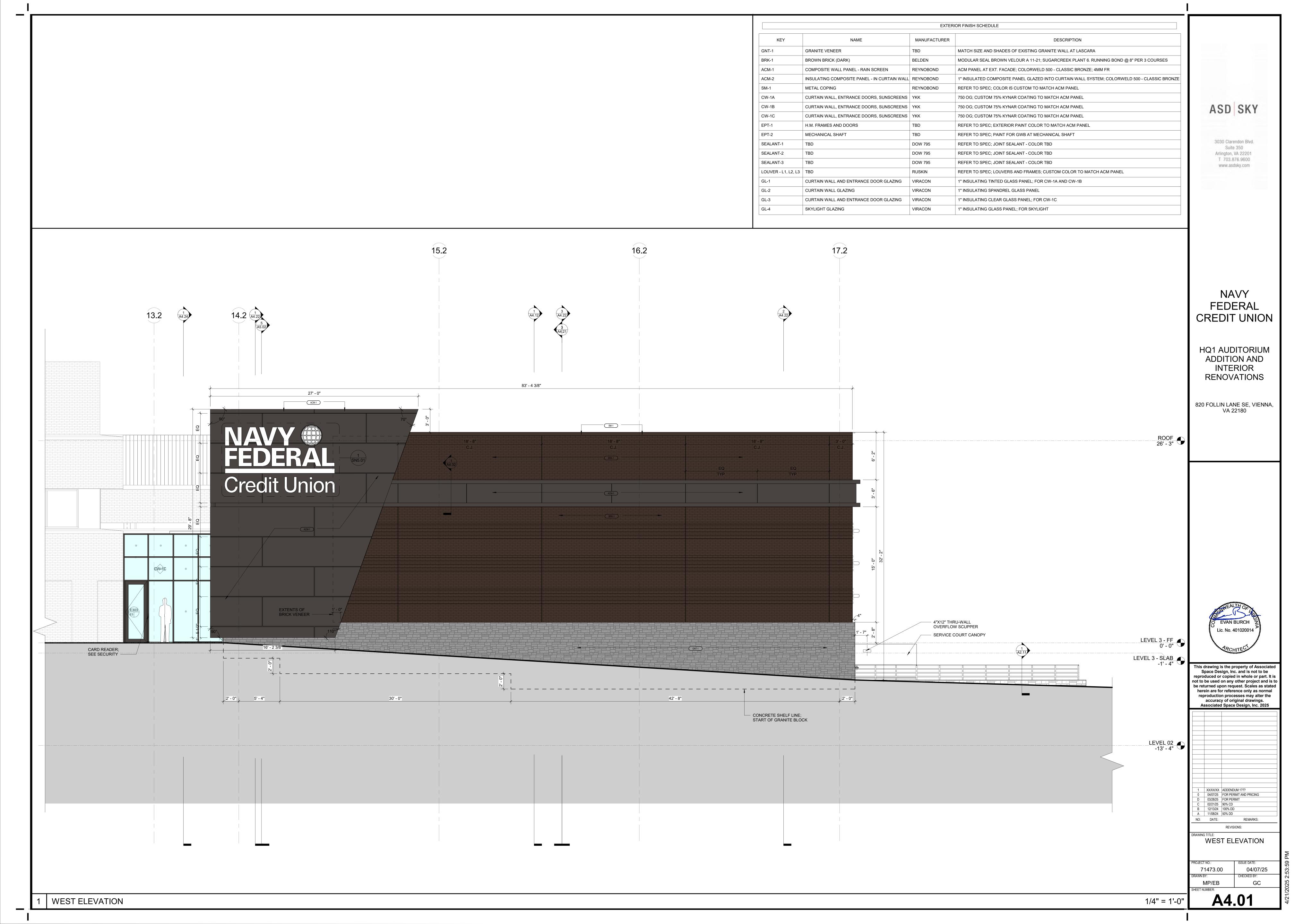


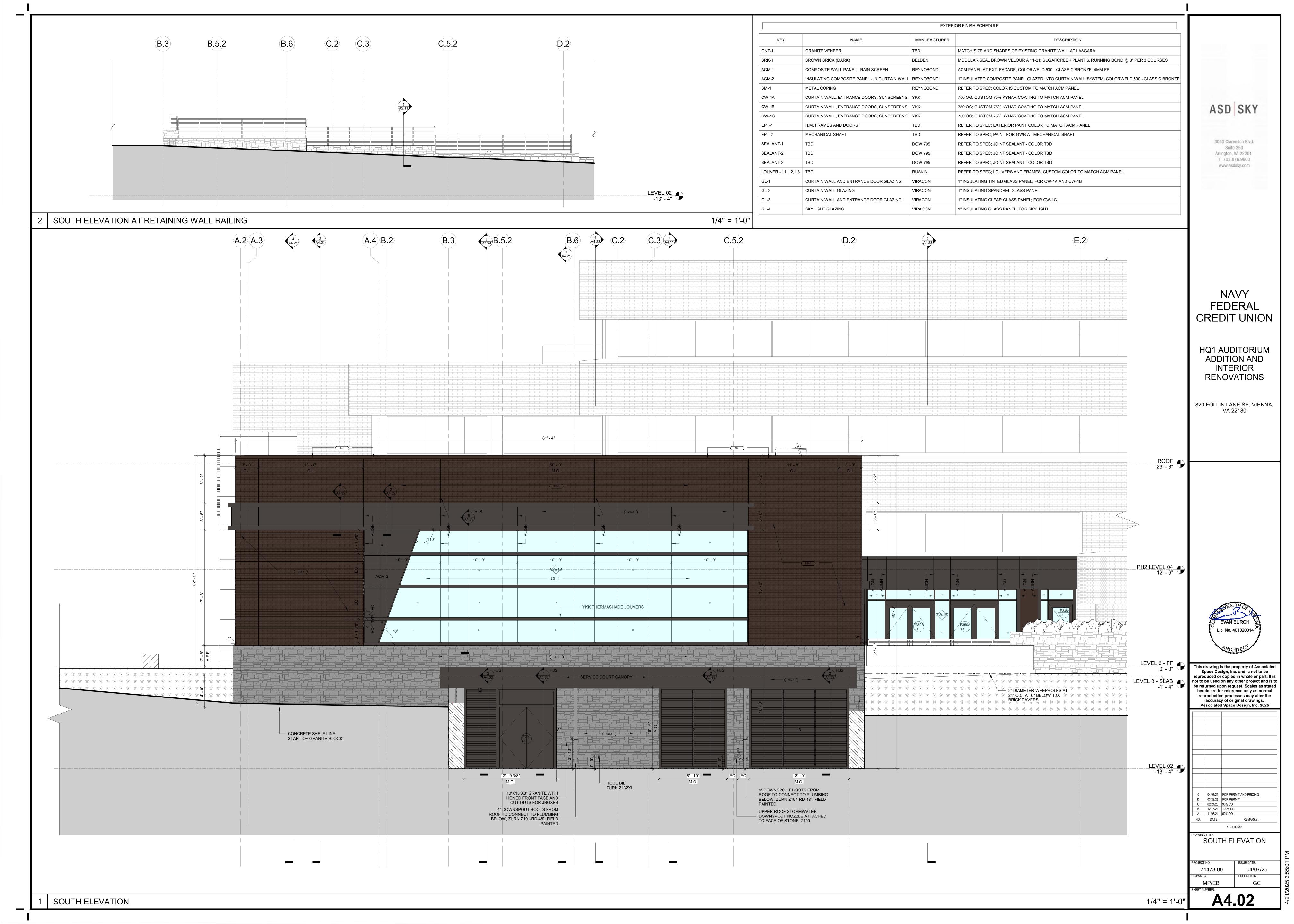
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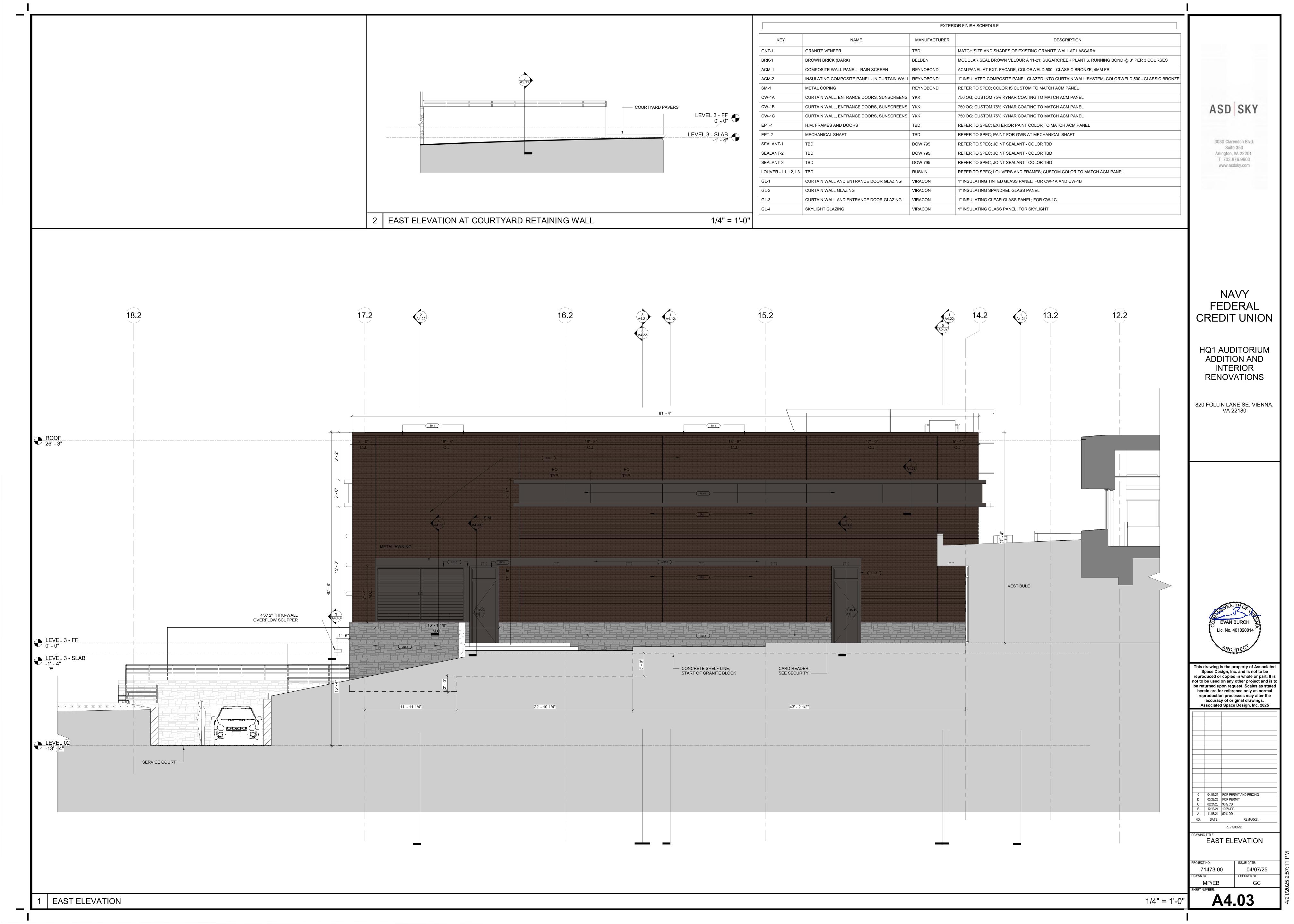


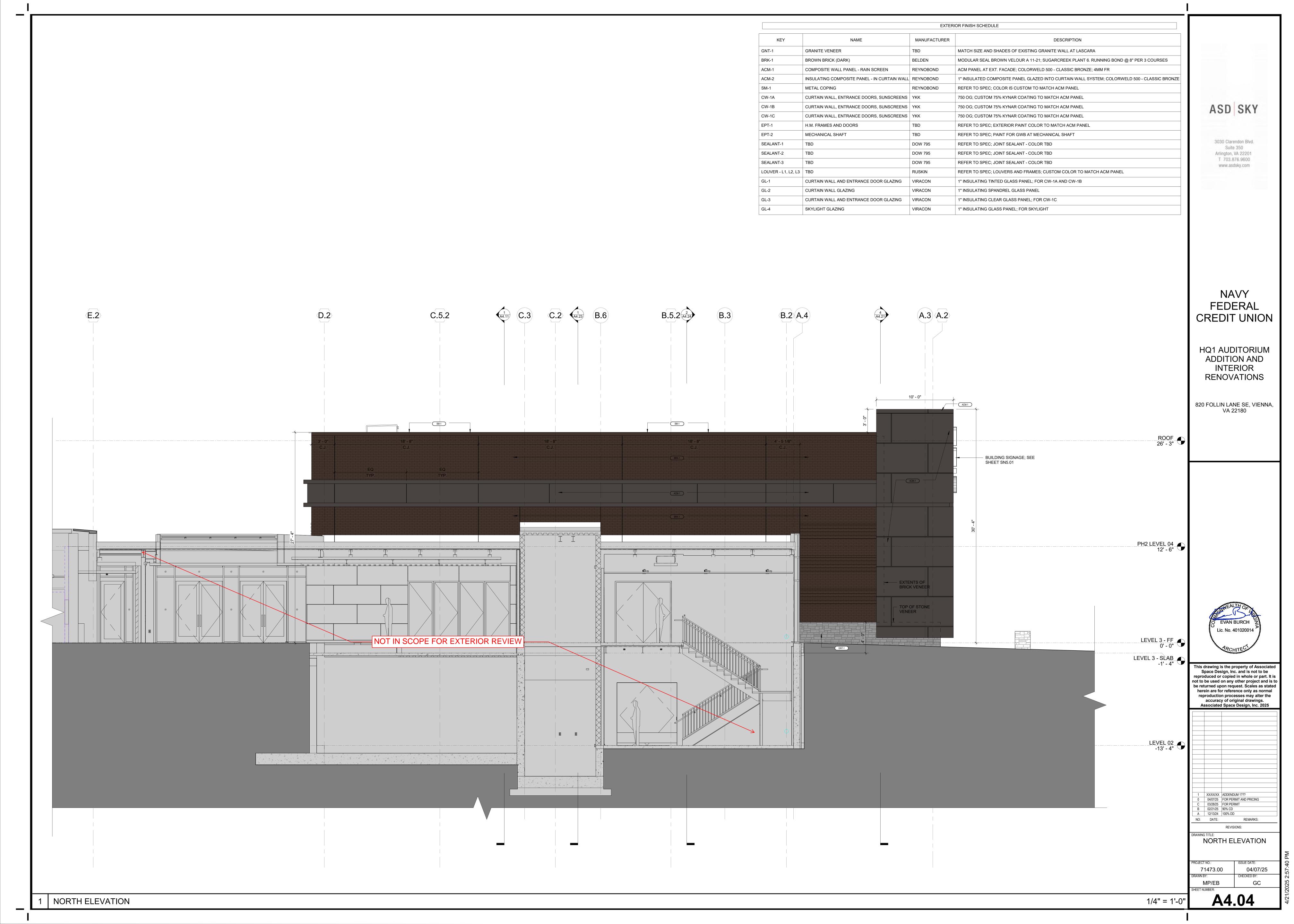












ARCHITECT'S SPECIFICATION

PART 2 PRODUCTS

2.01 MANUFACTURERS

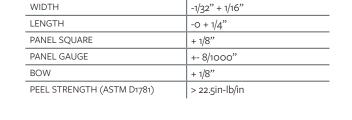
- A. Basis of Design: Reynobond, 4mm FR; at ACM-1. B. Basis of Design: Reynobond, 1 inch thick; insulating panel; at ACM-2.
- 1. Substitutions not allowed.
- C. Certified Installers 1. Contact Reynobond for certified Installers.

2.02 WALL PANEL SYSTEM

- A. Wall Panel System: Metal panels, fasteners, and anchors designed to be supported by framing or other substrate provided by others; provide installed panel system capable of maintaining specified performance without defects, damage or failure. 1. Provide structural design by or under direct supervision of a Structural Engineer licensed
- 2. Provide panel jointing and weatherseal using reveal joints and gaskets but no sealant.
- 3. Anchor panels to supporting framing without exposed fasteners. B. COMPOSITE METAL PANELS
- 1. ACM-1: Composite Metal Panels: Factory-formed, aluminum-faced composite panels fabricated from two sheets of 0.020 inch (0.51) thick aluminum facing sheets with metal
- facings bonded to thermoplastic core, and rout and return joinery. a. Thickness: 4 mm nominal. b. Panel Flatness: Maximum allowable distortion: 1/32 inch in 24 inches in any
- c. Panel Core: Fire retardant.
- d. Stiffeners: Manufacturer's standard stiffener as required to meet performance requirements.
- e. Face Sheet Surface: Smooth. f. Face Sheet Coil-Coated Finish: 1) Fluoropolymer Three-Coat Metallic System: 0.2 mil primer with 0.8 mil 70 percent PVDF fluoropolymer color coat containing metal flakes, and a 0.5 mil 70 percent PVDF fluoropolymer clear coat, AAMA 620.
- (a) Colorweld 500. Color:
- (a) Classic Bronze. 3) Unexposed Interior Finish: Manufacturer's standard primer.
- 4) Exposed Trim and Fastener Finish: Match panel finish. 2. ACM-2: Insulating Composite Metal Panels: Factory-formed, aluminum-faced composite panels fabricated from two sheets of 0.020 inch (0.51) thick aluminum facing sheets with metal facings bonded to rigid insulating core.
- Thickness: 1 inch total thickness. b. Panel Flatness: Maximum allowable distortion: 1/32 inch in 24 inches in any
- c. Panel Core: Fire retardant.
- d. Face Sheet Surface: Smooth. e. Face Sheet Coil-Coated Finish:
- 1) Fluoropolymer Three-Coat Metallic System: 0.2 mil primer with 0.8 mil 70 percent PVDF fluoropolymer color coat containing metal flakes, and a 0.5 mil 70 percent PVDF fluoropolymer clear coat, AAMA 620.
- (a) Colorweld 500. Color:
- (a) Classic Bronze at 3) Exposed Trim and Fastener Finish: Match panel finish.
- 1. Miscellaneous Framing Components, General: Cold-formed metallic-coated steel sheet, ASTM C 645, Grade 50, with ASTM A 653/A 653M, G90 (Z180) hot-dip galvanized zinc
- a. Hat Channels: 0.053 inch/16 ga. (1.34 mm) minimum.
- b. Sill Channels: 0.053 inch/16 ga. (1.34 mm) minimum.
- D. ACCESSORIES 1. Provide manufacturer's factory-formed clips, shims, flashings, sealants, and tapes for a
- complete installation. 2. Extruded Trim: Aluminum, minimum thickness 0.060 inch (1.59 mm) for trim and 0.90
- inch (2.38 mm) for structural units. Include manufacturer-provided extruded trim for the following locations and as indicated on Drawings:
- a. Base trim. b. Coping.
- c. Panel installation perimeter. d. Opening perimeters.
- 3. Splines: Match panel material and finish. 4. Sealants: Type recommended by composite wall panel system manufacturer for
- application, meeting requirements of Division 07 Section "Joint Sealants." a. Dow Corning #795 Silicone sealant. Color to be selected by Architect.
- 5. Flashing Tape: 4 inch (102 mm) wide self-adhering butyl flashing tape. E. FABRICATION
- 1. General: Fabricate composite wall panels and accessories at factory identical to tested units using manufacturer's standard procedures and processes necessary to meet performance requirements.
- a. Provide components of composite wall panel system that are products of one manufacturer, including composite panels, gaskets, head and sill trim, bottom weep, base extrusion, and metal copings.
- 2. Composite Panels: Fabricate composite wall panels with extruded aluminum stiffeners requiring no further fabrication or modification in field.
- a. Horizontal Joints: Dry seal, drained and back ventilated b. Vertical Joints: Pre-formed returns with metal spline and aluminum extrusion
- receptors and extruded drain channels. c. Reveals: 0.50 inch (12 mm).
- d. Formed Panel Thickness: 1.0 inch (63.5 mm). e. System Thickness: 2.0 inch, including extrusions and excluding shims.

MANUFACTURER DATA SHEETS





Standard Panel Size and Color Options

Refer to the Reynobond® Stocking List at www.reynobond.com to review our finished goods stocking colors and sizes or you may contact a sales representative or customer service representative at our toll free number, 800-841-7774.

Product Performance

Please reference our engineering properties document at www.reynobond.com for a list of the product's performance to various standards and consult AAP's technical department for additional information. Reynobond® sheets come with a 10year bond warranty and a 30-year finish warranty for standard architectural finishes. Consult AAP LLC sales for applicable warranties for specific finish systems.

Laws and building and safety codes governing the design and use of AAP's products, and specifically aluminum composite materials, vary widely. It is the responsibility of the owner, the architect, the general contractor, the installer and the fabricator/transformer, consistent with their roles, to determine the appropriate materials for a project in strict conformity to all applicable national, regional and local building codes and regulations. REYNOBOND® FR AND AS3000B HAVE SUCCESSFULLY PASSED US NFPA 285, E84 AND CANADA S134, S102 TESTS AS A PART OF AN ASSEMBLY. ENSURE THE PRODUCT IS USED IN A SYSTEM THAT COMPLIES WITH ALL APPLICABLE REGULATIONS. REYNOBOND® PE IS COMBUSTIBLE; IT COULD CATCH FIRE AND BURN. ANY LABORATORY TESTING INFORMATION PROVIDED BY AAP LLC APPLIES ONLY TO THE PARTICULAR PRODUCT OR ASSEMBLY TESTED AND DOES NOT NECESSARILY REPRESENT HOW PRODUCTS WILL ACTUALLY PERFORM IN USE. REPORTS AND TEST DATA CORRESPONDING TO A PARTICULAR TESTED PRODUCT SAMPLE OR ASSEMBLY ARE NOT A GUARANTEE THAT THE SAME PRODUCT OR ASSEMBLY WOULD ALWAYS ACHIEVE THE SAME TEST RESULT.





Color Consistency

Color Families

Arconic Architectural Products LLC (AAP) is aware that finish performance and color consistency are of utmost importance to its customers. Painted Reynobond® and Reynolux® panels are coated in a coilcoating process with the most durable coatings available for the building and construction industry. Coilcoating offers excellent coverage, uniformity and durability in a coating. Yet, due to this process and to the composition of some of our finishes, variances in color can and do occur and are visible to the human eye. Moreover, industry tolerances for the coil coating help ensure minimal variations within a specific color finish.

Some time ago, AAP internally implemented a color family process for all of its Colorweld® 500 finishes for Reynobond® panels. AAP's Quality Control department reviews each painted coil by color and establishes which color family it matches, or creates a new color family for it if needed. This process has greatly improved AAP's ability to match new orders with previous orders as well as with orders containing multiple widths.

General Rule - Install panels with directional arrows pointing in the same direction.

Explanation – Paint is applied to Reynobond® and Reynolux® panels by a reverse-roll coating process. As the coil of aluminum is unwound through the line, the roller applies the colored coating across its width. Due to the movement of the metal across the roller, coatings may display some directionality. Directionality is most noticeable in mica and metallic finishes. Mica and metallic flake paint systems have properties that reflect, refract and absorb light. The angle that light strikes the surface of the Reynobond® panel versus the visual angle strongly influences the viewer's perceived color. Mica paints refract light, and the highest refraction occurs when the light is near 90° to the panel surface. Metallic paints reflect light, and contain metallic flakes which all settle in a preferred direction based upon the coil-coating process. The perceived reflectance is least when the light strikes closet to 90° from the panel surface. Paints containing both mica and metallic flakes can appear to change color and lose brightness depending on the light source's incident angle. Best Practice – It is always necessary to install panels in the same direction on a building's surface.

General Rule - Notify AAP when ordering panels to match to a previous order. Explanation – Although there are tolerances in place for the range of color variation within a specific color, these tolerances allow for variations that are

noticeable to the human eye. AAP has implemented a color family inventory system (see below) to identify matching panels within a specific color. It is important that customers notify AAP when their order is to be used on the same building as a previous order. Best Practice – Order all panels at the same time for each project.

General Rule – Verify colors match when ordering different widths for the same project.

Explanation – Different width coils will likely be painted at different times, and may utilize different batches of paint. AAP classifies its color finishes by color family in an attempt to provide the closest visual match possible. AAP will do its best to ensure that colors of different widths come from the same color family, when both widths are to be used on the same building surface. Best Practice - Order the same color in the same width for each project.



PROPOSED COLORS (LIST OF SAMPLES REQUESTED FOR FINAL CONFIRMATION; **COLORS MAY VARY BY MANUFACTURER)**

Colorweld® 500



*Color is a 3-coat solid finish and may be subject to a higher price. Please consult you Regional Sales Manager for additional pricing.

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).

ARCHITECT'S SPECIFICATION

PART 2 PRODUCTS

2.01 CONCRETE MASONRY UNITS

A. Concrete Block: Refer to the structural drawings and Section 04 20 00 specifications for

2.02 BRICK UNITS

- A. Manufacturers 1. Belden Brick Company, Canton, OH
 - a. Modular Seal Brown Velour A
- b. Made at Sugarcreek Plant 6. 2. Rectangular Facing Brick: ASTM C 216, Type FBX, Grade SW.
- a. Nominal Size: 8 inches by 4 inches by 2.25 inches. b. Special Shapes: Provide solid units where orientation would expose frog holes.

3. Substitutions: Not permitted. 2.03 MORTAR MATERIALS

- A. Masonry Cement: ASTM C91/C91M _ 1. Type N: For use above grade masonry veneer.
- Type M: For below grade masonry veneer.
- 3. Colored Mortar: Premixed cement as required to match Architect's color sample. a. Color: Submit manufacturer's color selection kit for final selection by Architect.
- B. Hydrated Lime: ASTM C207, Type S.
- C. Mortar Aggregate: ASTM C144. D. Grout Aggregate: ASTM C404.
- E. Water: Clean and potable.

coverage on each exposure.

F. Accelerating Admixture: Nonchloride type for use in cold weather. 2.04 REINFORCEMENT AND ANCHORAGE

A. Joint Reinforcement: Truss type; ASTM A1064/A1064M steel wire, hot dip galvanized after fabrication to ASTM A153/A153M, Class B; 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not more than 1 inch and not less than 1/2 inch of mortar

- Manufacturers: a. Hohmann & Barnard, Inc (including Dur-O-Wal brand); ____: www.h-b.com/#sle.
- b. WIRE-BOND; 270 x 12" ladder and 270 x 8" ladder: www.wirebond.com/#sle. c. Substitutions: See Section 01 60 00 - Product Requirements. Manufacturers limited
- to Hohmann & Barnard, Wire-Bond and Dur-O-Wall. B. Masonry Veneer Anchors: 2-piece surface mounted anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A 153/A 153M,
- Class B.
- 1. Anchor plates and ties to be provided by under this section. a. Size of tie to be calculated by mason under this section.
- b. Anchor tie to be installed by mason during installation of brick.
- Manufacturer: a. Hohmann & Barnard, Inc; _____: www.h-b.com/#sle.
- 1) HB-5213-2.5, 523 Brass Expansion Bolt, Hot-Dip Galvanized, 2 1/2 inch Backplate, 14 Gauge, 3/16 inch by 5 inch Leg Hook Hot-Dip Galvanized.
- 2) Spacing: 16 inches by 16 inches. 2.05 LINTELS:

A. Refer to also to the Structural Drawings.

B. Loose Lintels and Fixed Lintels to be hot-dip galvanized. Exposed portions of lintels to be field painted. Refer to Exterior Paint Schedule for paint types. Refer to the Drawings for Paint

2.06 OTHER PRODUCTS

- A. Stainless Steel/Polymer Fabric Flashing: ASTM A240/A240M; 2 mil type 304 stainless steel sheet bonded on one side to one sheet of polymer fabric.
- Manufacturers: a. Hohmann & Barnard, Inc. Mighty-Flash SA, Self-Adhering Stainless Steel Composite
- Flashing, Roll Width 16 inches. B. Factory-Fabricated Flashing Corners and Ends: Stainless steel.
- Manufacturers: a. Hohmann & Barnard, Inc; ____: www.h-b.com/#sle.
- 1) Stainless Steel Corners & End Dams; 26 Gauge/18 mil; Type 304. 2. Termination Bars: Stainless steel; compatible with membrane and adhesives.
- a. Manufacturers: 1) Hohmann & Barnard, Inc; T1 Termination Bar: www.h-b.com/#sle. (a) Stainless Steel Type 304.
- (b) 1/8 inch by 1 inch wide. 3. Drip Edge: Stainless steel; compatible with membrane and adhesives. a. Manufacturers:
 - 1) Hohmann & Barnard, Inc; FTS Standard Drip Plate with Foam-Tite Seal; www.h-b.com/#sle.
- (a) Provide Inside and Outside Corner Pieces. (b) Width: 2 1/2 inch.
- 4. Lap Sealants and Tapes: As recommended by flashing manufacturer; compatible with membrane and adhesives. a. Product to be compatible with air and moisture barrier at substrate coating as
- specified elsewhere. 5. Metal Copings: Refer to Section 07620 - Sheet Metal Flashing and Trim.
- C. ACCESSORIES 1. Joint Filler: Closed cell polyvinyl chloride; oversized 50 percent to joint width; self
 - expanding; in maximum lengths available. a. Manufacturers:
 - 1) Hohmann & Barnard, Inc; NS Closed Cell Neoprene Sponge: www.hb.com/#sle.
 - (a) For use at vertical brick to brick control joints. (b) For use at vertical brick to fixed structure joints. (c) For use at top horizontal brick course to underside of fixed steel lintels.
 - (d) For use at top horizontal brick course joint to underside of fixed structural
- 2. Cavity Drainage: Provide continuous mortar collection mesh bands. a. Manufacturer: Hohmann & Barnard, Inc.
- 1) Product: Mortar Trap, 2 inch width. b. Install at all weep hole lines, bottoms of cavities, and over
- 3. Weeps: Molded PVC grilles, insect resistant. Hohmann & Barnar a. Manufacturer: Hohmann & Barnard, Inc.
- 1) Product: QV Quadro Vent. b. Color(s): As selected by Architect from manufacturer's full range. 4. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials. Use recommended by manufacturer of masonry units.
- a. Vana Trol is an approved product. 1. Mortar for Unit Masonry: Cement-lime Mortars per ASTM C 270 or BIA M1-88, Proportion
- Specification. E. METAL COPINGS and METAL COUNTERFLASHING
- 1. Sheetmetal carrier: For use at mid-span through wall flashings where no other support for the through wall flashing is provided by the assembly. 24 gauge, galvanized sheetmetal. Extend up cmu/sheathing 4 inches and anchor at 16 inch spacing. Angle across cavity at 1:1 slope. Extend into masonry minimum 2 inches. Provide in locations where cavity
- width is greater than 2 inches. 2. Refer to Section 07 62 00 - Sheet Metal Flashing and Trim.

MANUFACTURER DATA SHEETS

UNIVERSITY THE BISHOP MATERIALS LABORATOR

TEST REPORT 100 Clemson Research Blvd. Anderson, SC 29625 (864) 656-1094

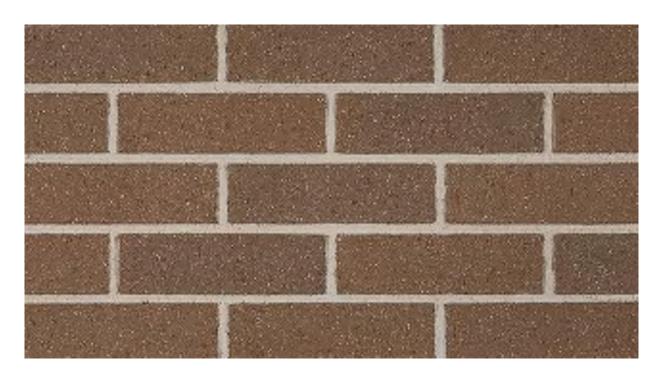


| THE BIOTION WATERING | LO LABORATORT | | | fax: (864) 656-109 ww.brickandtile.o | | | | ACCREDITED Testing Laboratory |
|----------------------|---------------------------|-----------------|-------------|---|-------------|----------------|--------------|-------------------------------|
| Resu | ılts of Tests on brick C | conducted in ac | | n C67/C67M - 2 Structural Cla | | st Methods for | Sampling and | Testing Brick |
| | | | | 08/25/2023 | | | | |
| Name: | The Belden Brick | Company | | Plant: | | Sugarcreek | | |
| | P. O. Box 430 | | | Samp | led Date: | 8/8/2023 | | |
| | Sugarcreek, OH | 44681 | | Recei | ved Date: | 8/8/2023 | | |
| Phone: | 330-456-0031 | | | Fired | | 8/8/2023 | | |
| Fax: | 330-456-2694 | | | | ict Code: | | | |
| Report Number: | : 11935-29718 | | | Lot No | umber: | | | |
| Description | n: PLT 6 FIRECLA | AY & SHALE | W/ADDITI | VE (FACE) | | | | |
| Absorption | | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
| 24 Hour Cold Wa | ater (%) | 4.7 | 4.7 | 5.2 | 5.0 | 5.1 | 4.9 | 8/10/2023 |
| 5 Hour Boiling W | • • | 6.4 | 6.3 | 6.8 | 6.5 | 6.5 | 6.5 | |
| Saturation Coeff | ficient | 0.74 | 0.74 | 0.77 | 0.76 | 0.78 | 0.76 | |
| Compressive | e Strength | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
| | psi | 14,960 | 14,210 | 14,700 | 15,010 | 14,010 | 14,580 | 8/10/2023 |
| IRA (Oven D | ried Method) | 6 | 7 | 8 | 9 | 10 | Average | Test Date |
| | g/min/30 in. ² | 10.6 | 12.3 | 10.0 | 10.9 | 11.0 | 10.9 | 8/21/2023 |
| Efflorescenc | ee | 11 | 12 | 13 | 14 | 15 | | Test Date |
| Efflorescence De | etection | Not | Not | Not | Not | Not | | 8/21/2023 |
| | | Effloresced | Effloresced | Effloresced | Effloresced | Effloresced | | |

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

PROPOSED COLORS

(LIST OF SAMPLES REQUESTED; FINAL SELECTION WILL DEPEND ON CLOSEST MATCH TO SELECTED WHITE ACM; COLORS MAY VARY BY MANUFACTURER)



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).

HQ1 AUDITORIUM

SCALE:

ASTM C216 - 22 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale) Grade: SW, MW

GNT-1: GRANITE VENEER (TO MATCH EXISTING)

REFERENCE IMAGES
(THE IMAGES BELOW ARE OF THE EXISTING MATERIAL ON SITE)



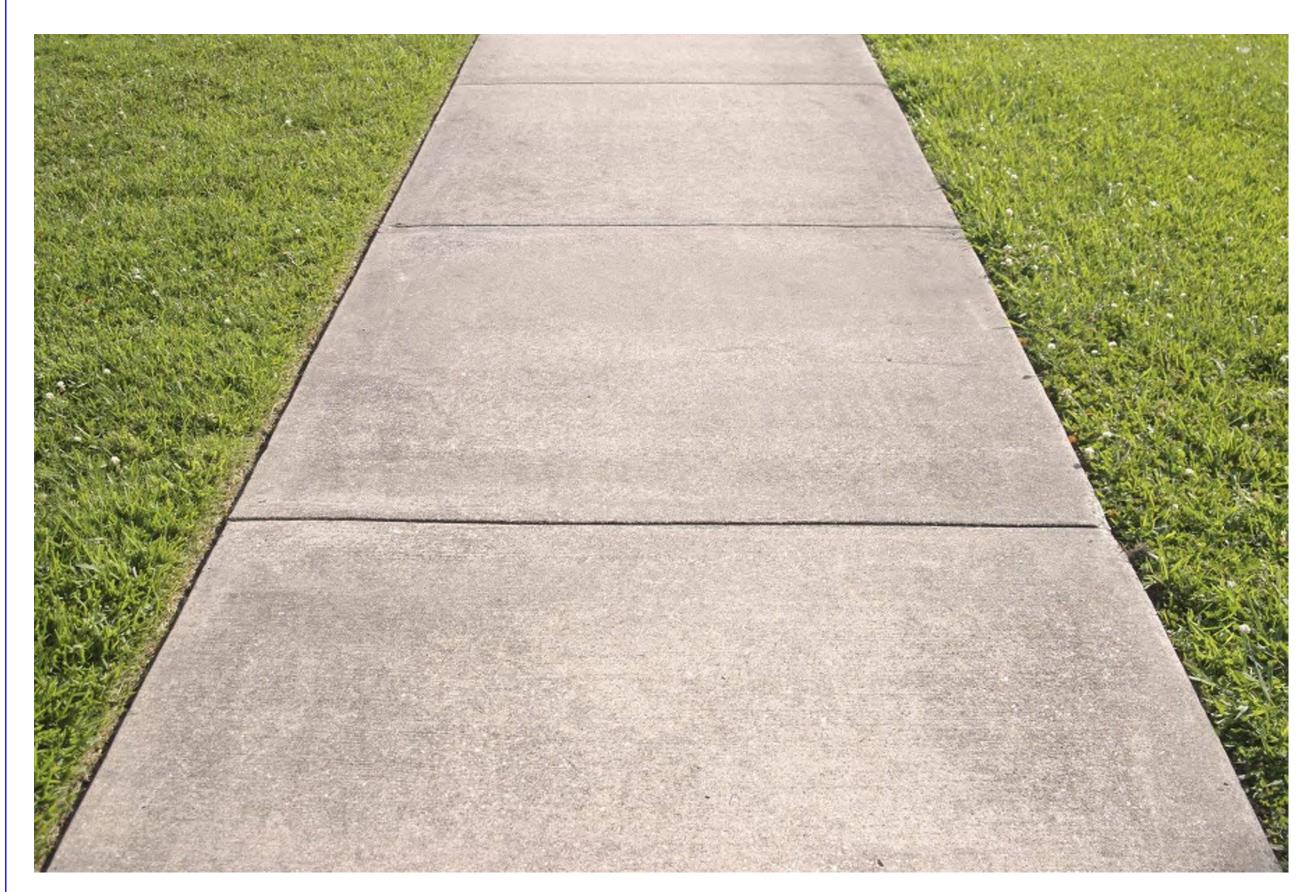
NOTE: SUBCONTRACTOR WILL USE GRANITE REMOVED DURING DEMO FOR NEW CONSTRUCTION

REGARDING SAMPLES

BECAUSE EXISTING MATERIAL IS BEING REPURPOSED FOR THE PROPOSED CONSTRUCTION, PROCURING SAMPLES IS IMPRACTICAL. THE PHOTO ABOVE WAS TAKEN OF THE EXISTING MATERIAL WHICH IS TO BE REUSED ON SITE. IF ANY NEW MATERIAL IS NEEDED TO COMPLETE THE PROPOSED CONSTRUCTION, SAMPLES WILL BE SUBMITTED TO THE ARCHITECT (AND SUBSEQUENTLY THE BAR) FOR APPROVAL.

CONCRETE SIDEWALK

REFERENCE IMAGES
(THE IMAGES BELOW ARE OF THE EXISTING MATERIAL ON SITE)



REGARDING SAMPLES
BECAUSE THE PROPOSED CONSTRUCTION IS REQUIRED TO MATCH EXISTING AND ADJACENT MATERIAL, PROCURING SAMPLES IS IMPRACTICAL. AS NOTED IN THE ARCHITECT'S SPECIFICATIONS, SAMPLES ARE REQUIRED PRIOR TO FINAL CONSTRUCTION; THESE SAMPLES CAN BE SUBMITTED TO THE BAR, IF NEEDED, ONCE THEY RECEIVE ARCHITECT APPROVAL. 1. Stainless Steel Tubing: ASTM A554, Type 304, 16-gauge, 0.0625-inch minimum metal

avoid discoloration and damage of finish; grind smooth, polish, and restore to required finish.

A. Welded and Brazed Joints: Make visible joints butt tight, flush, and hairline; use methods that

a. Stainless Steel: Perform welding in accordance with AWS D1.6/D1.6M.

abrasions, and surface blemishes to match sheet or tube.

2. Protect mechanical finishes on exposed surfaces from damage.

Remove tool marks, die marks, and stretch lines before finishing.

1. Complete mechanical finishes before fabrication. After fabrication, finish joints, bends,

3. Appearance: Limit variations in appearance of adjacent pieces to one-half of range

Install components within range of approved samples to minimize contrast.

A. Eschucheon Plates: Nonweld Mechanical Fittings for Stainless Steel Railings: Slip-on,

1. Eschucheon Plates at base of newels to match: FHC PR19CV in style and shape;

C. Anchors and Fasteners: Provide anchors, fasteners, and other attachment devices required to

B. Welding Fittings: Factory- or shop-welded from matching pipe or tube; joints and seams

A. Verify that substrate and site conditions are acceptable and ready to receive work.

C. Notify Architect immediately of conditions that would prevent satisfactory installation.

B. Install components plumb and level, accurately fitted, free from distortion or defects, and with

D. Conceal anchor bolts and screws whenever possible. Where not concealed, use flush

represented in approved samples. Noticeable variations in same piece are not acceptable.

galvanized malleable iron castings, for Schedule 40 pipe, with flush setscrews for tightening by

A. Stainless Steel Components: ASTM A666, Type 304.

1. Ease exposed edges to small uniform radius.

standard hex wrench, no bolts or screw fasteners.

B. Verify field dimensions of locations and areas to receive work.

A. Install in accordance with manufacturer's instructions.

tight joints, except where necessary for expansion.

D. Do not proceed with work until detrimental conditions are corrected.

thickness, 1-1/2-inch diameter.

A. General: Comply with NAAMM AMP 500-06.

2.02 MATERIALS

2.03 FABRICATION

2.04 FINISHES

2.05 ACCESSORIES

PART 3 EXECUTION

3.02 INSTALLATION

3.01 EXAMINATION

Welded Joints:

B. Stainless Steel Finishes:

ground smooth.

attach to structure.

C. Anchor securely to structure.

countersunk fastenings.

2. Directional Satin: No.4.

SECTION 05 73 00 DECORATIVE METAL RAILINGS

PART 1 GENERAL

1.01 SECTION INCLUDES A. Stainless Steel railing systems.

B. Concealed concrete footings for railing posts below porous paving.

1.02 RELATED REQUIREMENTS

A. Section 03 30 00 - Cast-in-Place Concrete: Placement of anchors in concrete.

- 1.03 REFERENCE STANDARDS A. ASTM A276/A276M - Standard Specification for Stainless Steel Bars and Shapes; 2016.
- B. ASTM A554 Standard Specification for Welded Stainless Steel Mechanical Tubing; 2015.
- Sheet, Strip, Plate, and Flat Bar; 2015. D. ASTM E935 - Standard Test Methods for Performance of Permanent Metal Railing Systems

C. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel

- and Rails for Buildings; 2013.
- E. AWS A2.4 Standard Symbols for Welding, Brazing, and Nondestructive Examination; 2012.
- F. AWS D1.6/D1.6M Structural Welding Code Stainless Steel; 2007.

G. NAAMM AMP 500-06 - Metal Finishes Manual; 2006. 1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene preinstallation meeting one week before starting work of this section. Attendees include:
- 1. Contractor.
- 2. Architect. Owner's representative.
- 4. Other subcontractors of adjacent work. 1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for submittal procedures.

- B. Product Data: Submit manufacturer's product data, including description of materials, components, finishes, fabrication details, glass, anchors, and accessories.
- C. Shop Drawings: Indicate railing system elevations and sections, details of profile, dimensions, sizes, connection attachments, anchorage, size and type of fasteners, and accessories.
- Indicate anchor and joint locations, brazed connections, transitions, and terminations. 1. Indicate welded connections using standard AWS A2.4 welding symbols. Indicate net weld 2. Include design engineer's seal and signature on each sheet of shop drawings.
- D. Shop Drawings: Concrete footing details for railings located over porous pavers with granular subbase.
- E. Samples: Submit twoof each item below for each type and condition shown. 1. Railing: 12-inch long section of each railing member, including top rails and posts; show color, finish, and connection details. Show welded connection of intermediate post to main
- railing, finished. F. Test Reports: Submit test reports from independent testing agency showing compliance with
- specified design and performance requirements.
- G. Manufacturer's Instructions: Indicate installation.
- H. Designer's qualification statement.
- Fabricator's qualification statement.
- J. Installer's qualification statement.
- K. Specimen warranty. L. Executed warranty.

1.06 QUALITY ASSURANCE

A. Structural Designer Qualifications: Professional Structural Engineer experienced in design of this work and licensed in Virginia or personnel under direct supervision of engineer. 1.07 MOCK-UPS

A. See Section 01 40 00 - Quality Requirements for additional requirements.

- B. Provide mock-up of railing system, freestanding center rail, and guardrail, 4 feet long by 4 feet wide, indicating each type of material, cladding, and finish. Illustrate finished bends and welded
- C. Locate where directed. D. Mock-up may not remain as part of work

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in factory-provided protective coverings and packaging.
- B. Protect materials against damage during transit, delivery, storage, and installation at site. C. Inspect materials upon delivery for damage. Replace damaged items.

A. Manufacturer's Warranty: Manufacturer's standard 3-year warranty against defects in

D. Prior to installation, store materials and components under cover in dry location. 1.09 WARRANTY

materials, fabrication, finishes, and installation commencing on Date of Substantial Completion;

complete forms in Owner's name and register with manufacturer. PART 2 PRODUCTS 2.01 RAILING SYSTEMS

A. General: Factory- or shop-fabricated to suit project conditions, for proper connection to building

- structure, and in largest sizes practical for delivery to site. B. Performance Requirements: Applying loads simultaneously not required; design and fabricate
- railings and anchorages to resist loads without failure, damage, or permanent set, including: Lateral Force: 75 lb minimum, when tested in accordance with ASTM E935. 2. Distributed Load: 50 lbf/ft minimum, applied vertically and horizontally at top of handrail,
- when tested in accordance with ASTM E935. 3. Concentrated Loads: 200 lb minimum, applied to handrail horizontally and vertically, in
- C. Joints: Fully welded, ground smooth, and with finish resurfaced.
- D. Metal Railing: Engineered, post-supported railing system with metal infill.

accordance with ASTM E935.

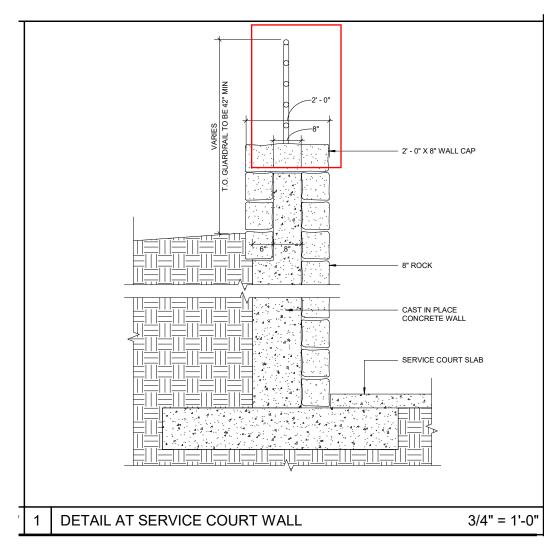
without screw holes.

HQ1 AUDITORIUM

DATE: 4.29.25

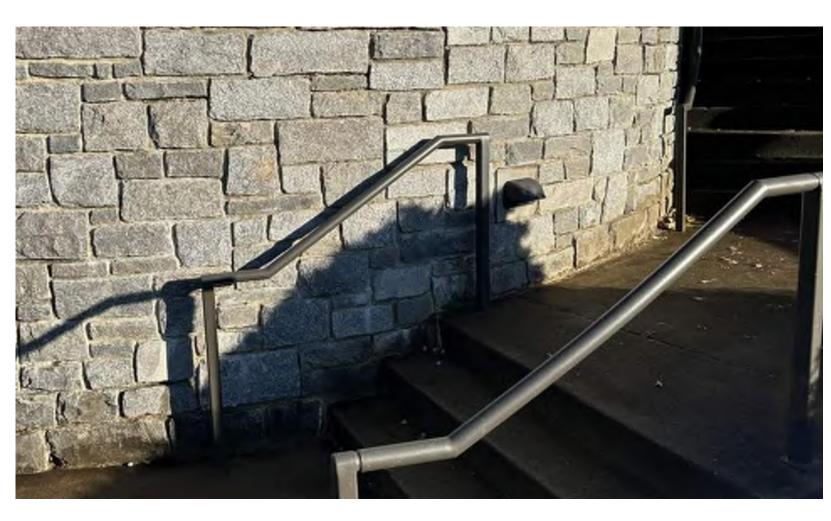
- Configuration: Guardrail only and handrail only.. 2. Top Rail: 1-1/2-inch IPS / 1.9-inch OD diameter stainless steel pipe or tube
- Grip Rail: Round, stainless steel, 1-1/2-inch diameter. 4. Decorative Stainless Steel Flanges for Embedded Posts: Circular, collared cover plate

ARCHITECT'S DETAILS



REFERENCE IMAGES

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





REGARDING SAMPLES

BECAUSE THE PROPOSED HANDRAILS ARE CUSTOM-DESIGNED AND FABRICATED, SAMPLES CANNOT BE PROVIDED UNTIL THE HANDRAIL HAS BEEN ENGINEERED BY THE SELECTED SUBCONTRACTOR. ADDITIONALLY, THE PROPOSED FINISH IS REQUIRED TO MATCH EXISTING AND ADJACENT HANDRAILS AND WILL NEED TO BE VERIFIED BY THE SUBCONTRACTOR AND SUBMITTED TO THE ARCHITECT FOR FINAL APPROVAL. IF NEEDED, BOTH THE REQUIRED HANDRAIL SAMPLES AND FINISH SAMPLES CAN BE SUBMITTED TO THE BAR UPON RECEIPT AND ARCHITECT'S APPROVAL.

YKK AP America Inc; Product YCW 750 OG: www.ykkap.com.

A. Aluminum-Framed Curtain Wall: Factory fabricated, factory finished aluminum framing

a. Factory finish surfaces that will be exposed in completed assemblies.

members with infill, and related flashings, anchorage and attachment devices.

2. YKK AP America Inc; Product YCW 750 SSG: www.ykkap.com.

completed assemblies, including joint edges.

2. Exterior Interior Component Finish: Kynar 500, 70% coating.

harmonics, and prevent "stack effect" in internal spaces.

dissimilar metals with bituminous paint.

required for imposed loads.

C. Acoustical Performance Requirements:

A. Aluminum framed system; 6063-T6 alloy.

Door size: As indicated.

Stile dimensions: 3.5 inches.

Top rail dimensions: 3.5 inches.

9. Glazing: Refer to Section 08 80 00.

color of curtainwall.

will permit exterior or interior glazing.

internal weep drainage system.

11. Continuous Hinges at entrance doors:

1) To match curtainwall.

structural steel member where required.

e. Size: 24 inch deep by 5 inch high.

g. Outrigger: Rounded type.

A. Extruded Aluminum: ASTM B221 (ASTM B221M).

attachment as required by project conditions.

attachment to weld plates embedded in concrete.

f. Airfoil: 3-1/2 inch.

3. Thickness: 1 inch total.

B. Sheet Aluminum: ASTM B209/B209M.

1. YKK AP ThermaShade Aluminum Sun Shade System.

the Commonwealth of Virginia.

C. Exterior Mullion-Mounted Sunscreen System:

a. Fully concealed closer where indicated.

2) Height of head box: 6 inches.

Bottom rail dimension: 6.5 inches.

1. Finish: Exterior doors to match curtainwall framing.

C. Stile and Rail Aluminum-Framed Glass Entrances:

incorporated on the door.

Closer head types

a. Finish:

2.04 COMPONENTS

a. Locations: South curtain wall with sunscreens.

a. Locations: West curtain wall and entrance; Courtyard curtain wall and entrance.

1. Exterior Component Finish of exterior exposed to weather system: High performance

b. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in

a. Color: Custom color to match coating type, color and finish of Composite Wall

3. Provide flush joints and corners, weathersealed, accurately fitted and secured; prepared

to receive anchors; fasteners and attachments concealed from view; reinforced as

4. Construction: Eliminate noises caused by wind and thermal movement, prevent vibration

5. Maintain continuous air barrier and/or vapor retarder seal throughout assembly, primarily

Sound Attenuation: STC shall not be less than 29, minimum, from exterior to interior.

B. Water Penetration Resistance: No uncontrolled water on indoor face when tested in

2. Test Method: ASTM E90, with calculation in accordance with ASTM E413.

B. Product; YKK; Medium style doors. Stile size to be confirmed by the hardware to be

4. Muntin dimension: 2 5/16 inched as indicated at intermediate rails.

6. Glazing provisions: Flush stops with EPDM glazing gaskets, interior glazed.

Door Hardware: Refer to Section 08 71 00 and associated schedules.

1) Width of head box: Match overall width of door jamb.

a. Thickness: 1 inch insulating glass panel to match adjacent curtain wall glazing.

b. Fully concealed auto operator in custom head box frame where indicated. Head box

by curtainwall manufacturer. Width to match door frame. Finish to match custom

Mullions: Types, configurations, and dimensions as indicated on the drawings.

A. Outside glazed, with pressure plate and mullion cover, where indicated. Provide System that

B. Aluminum Framing Members: Tubular aluminum section, 6063-T6 alloy, drainage holes and

2. Structurally Reinforced Members: Extruded aluminum with internal reinforcement of

4. Thickness: All vertical and horizontal extrusion to have a Minimum thickness of: 0.093

a. All structural components and attachment hardware shall be concealed.

employing non-structural thermal barriers are not acceptable.

d. Color: Custom coating color to match curtainwall system.

1. Refer to Section 07 42 43 - Composite Wall Panels for Face Sheets.

Core: Glass fiber insulation core with R-value of

1. Cross-Section: 2 1/2 x 7 1/2 inch nominal dimension. Refer to drawings for locations of

3. Design of system depth and reinforcing to be provided by a structural engineer licensed in

b. Sunshade anchor must provide a continuous thermal barrier by means of a poured

and debridged pocket consisting of a two-part, chemically curing high density

c. Finish: High Performance Organic Coating. Fluoropolymer Type, Factory applied

two-coat 70% Kynar resin by Arkema, fluoropolymer based coating system.

D. Infill Panels: Insulated, aluminum sheet face and back, with edges formed to fit glazing channel

C. Structural Supporting Anchors Attached to Structural Steel: Design for bolted or welded

E. Fasteners: Stainless steel; concealed type as required or recommended by curtain wall

D. Structural Supporting Anchors Attached to Reinforced Concrete Members: Design for welded

polyurethane which is bonded to the aluminum YKK AP ThermaBond Plus. Anchors

accordance with ASTM-E-381 utilizing the following differential test pressure: 15 lbf/sq ft.

in line with inside pane of glazing and inner sheet of infill panel and heel bead of glazing

c. Coat concealed metal surfaces that will be in contact with cementitious materials or

A. Basis of Design: See below under description of products.

PART 2 PRODUCTS 2.01 MANUFACTURERS

2.02 CURTAIN WALL

2.03 ENTRY DOORS

B. Acceptable Manufacturers:

ARCHITECT'S SPECIFICATIONS



F. Exposed Flashings: 0.032 inch thick aluminum sheet; finish to match framing members.

manufacturer.

J. Special Extrusions:

2.05 MATERIALS

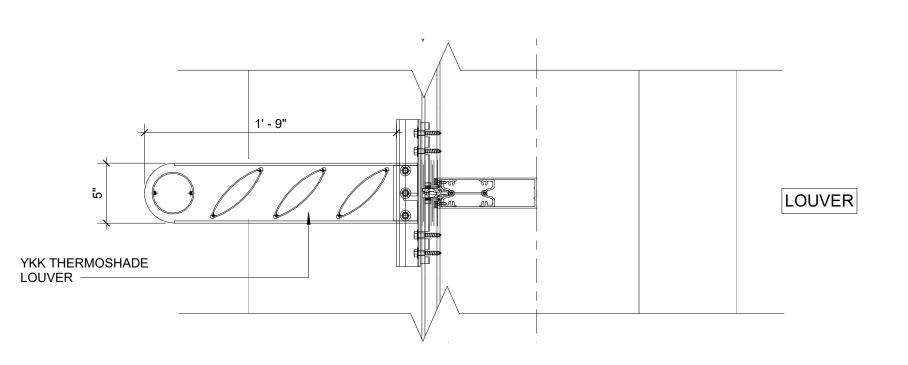
G. Concealed Flashings: 0.018 inch thick galvanized steel. H. Firestopping: See Section 07 84 00.

I. Perimeter Sealant: Type 1 specified in Section 07 90 05.

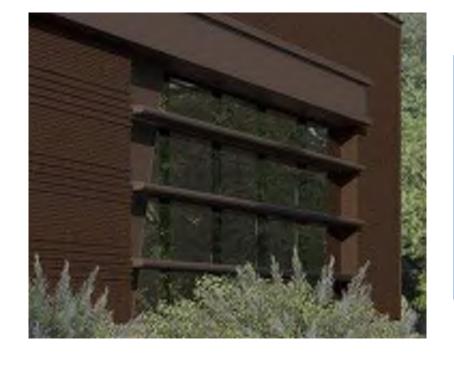
REGARDING SAMPLES

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).

ARCHITECT'S DETAILS



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

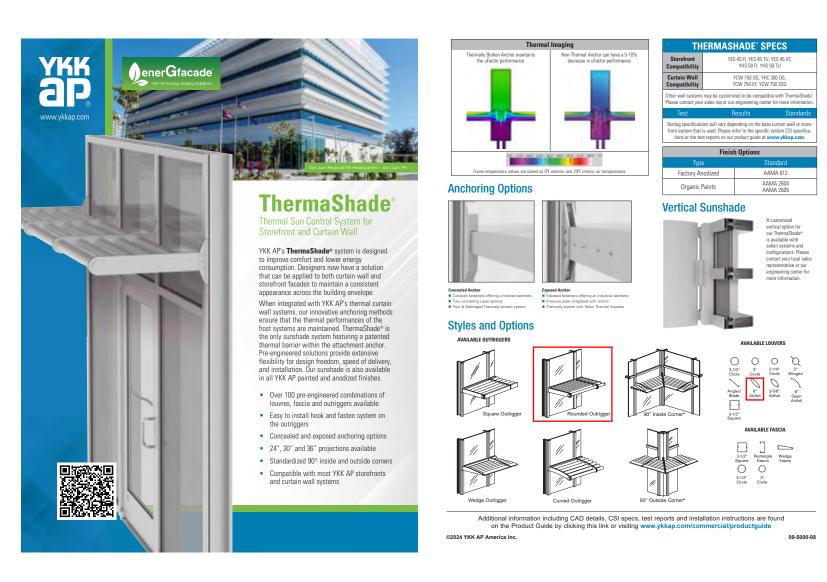


CURTAIN WALL & LOUVER



MANUFACTURER DATA SHEETS



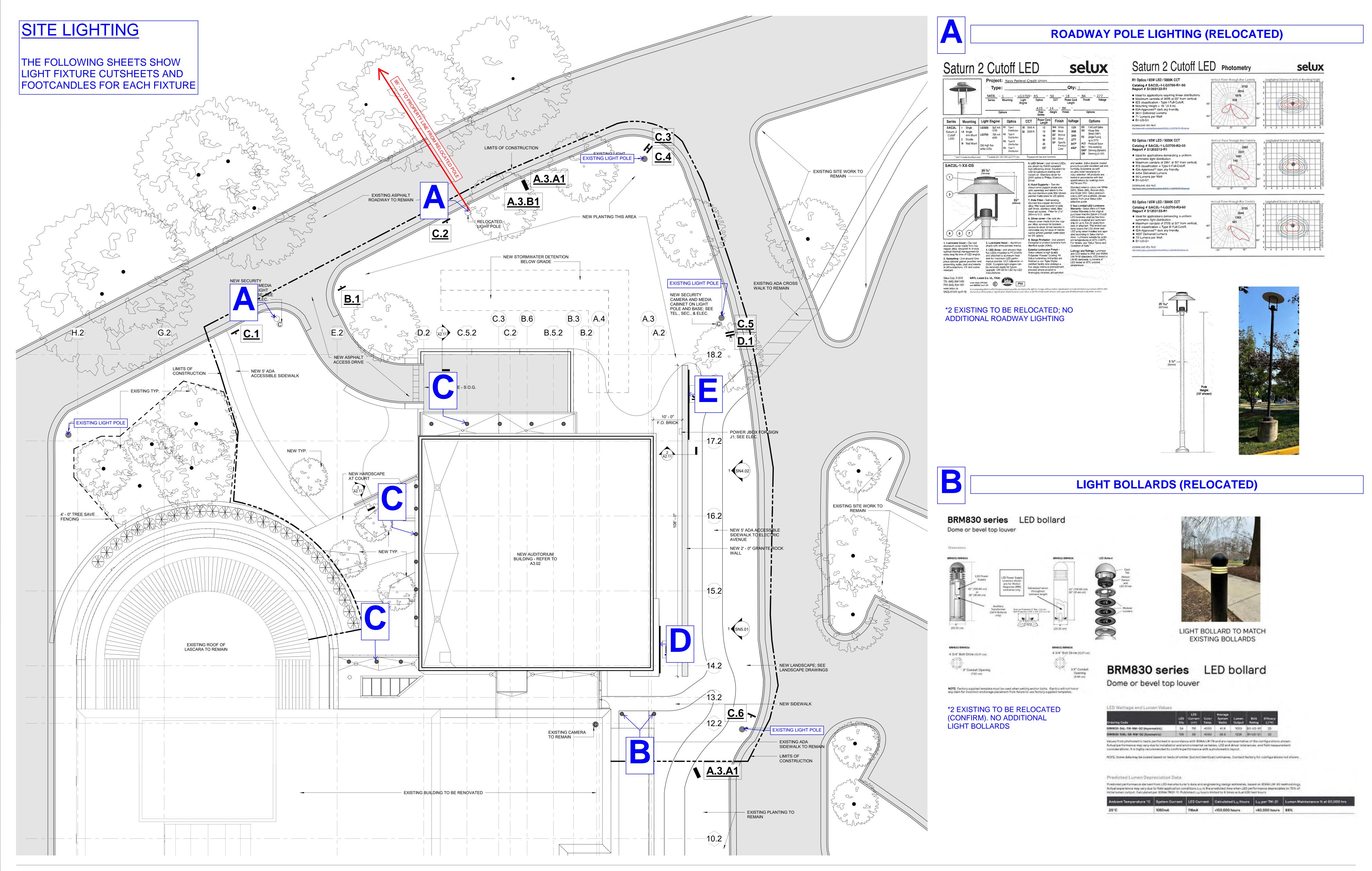


SCALE:

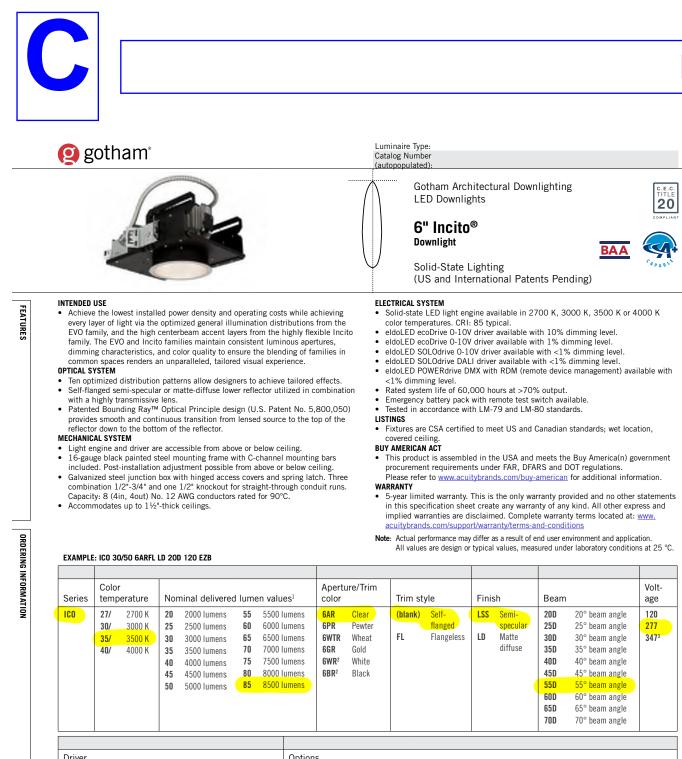
REFERENCE IMAGES (THE IMAGES BELOW ARE SIMILAR IN COLOR/STYLE/SPECIFICATION)



Scale: 1" = 1'-0"



SCALE:



with remote test switch, LTVI9

CEC compliant

transfer device

BGTD Bodine generator

CRI90 High CRI (90+)

Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D. Refer to TECH-190

nLight® dimming pack controls 0-10V eldoLED drivers.

Lutron ECOsystem interface for compatibility with 0-10V

consistent factory installed option across all ABL luminaire

brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.

gotham[®]

(2) gotham

NPS80EZ ER⁸ nLight[®] dimming pack controls 0-10V eldoLED drivers. ER

controls fixtures on emergency circuit.

EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min. **SF** Single fuse

ACCESSORIES order as separate catalog numbers (shipped separately)

EDAB eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.

EDXB eldoLED POWERdrive DMX with RDM (remote device

termination resistor. Refer to <u>DMXR Manual</u>.

eldoLED 0-10V ECOdrive. Linear dimming to 1% min. TRW⁴ White painted flange

management). Square Law dimming to <1%. Includes CP ⁷ Chicago plenum

GOTHAM ARCHITECTURAL DOWNLIGHTING | P 800.705.SERV (7378) | gothamlighting.com

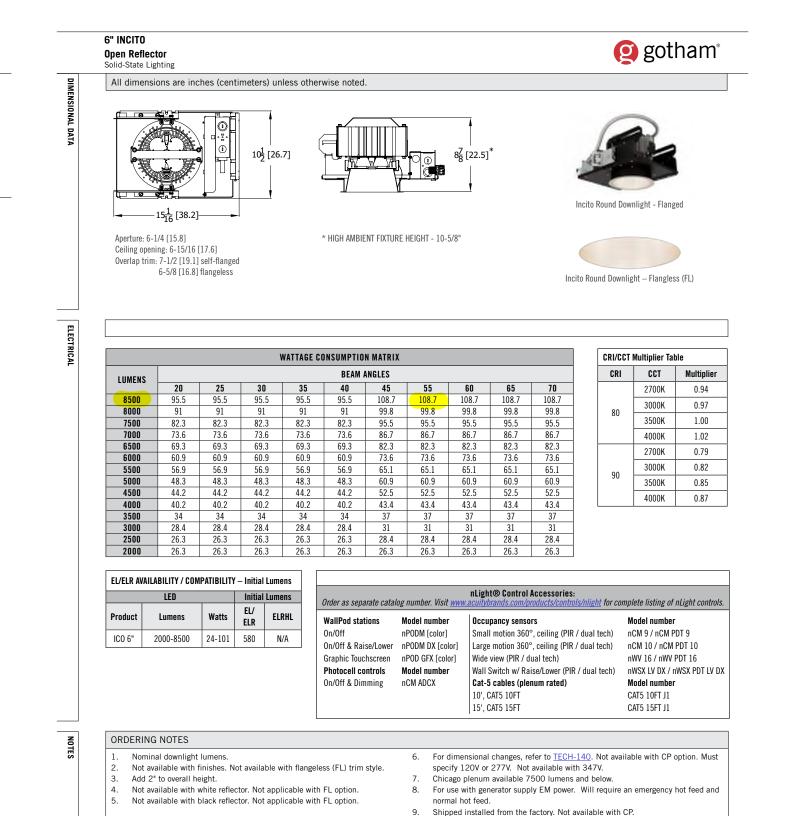
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EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to

TRBL⁵ Black painted flange

LRc⁶ Emergency battery pack

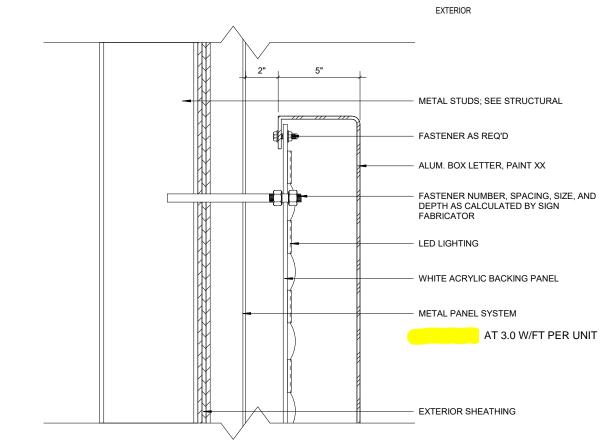
EXTERIOR SOFFIT LIGHTS (QUANTITY: 14)



BUILDING SIGNAGE (QUANTITY: 1)

ARCHITECT'S DETAILS PH2 LEVEL 04 12' - 6"

SIGN FACE = 89.0 SF



SIGN CABINET DESIGN

1 SIGN H.1 - ELEVATION

FRONT-LIT CHANNEL LETTERS OF SHEET ALUMINUM WITH OPAQUE WHITE **ACRYLIC LENS. CABINET COLOR: WHITE.**

FINAL CABINET DETAILS, MOUNTING, AND LIGHTING CIRCUITS TO BE PROVIDED BY SIGNAGE VENDOR.

LIGHT TRANSMITTANCE

CHANNEL LETTERS TO HAVE 3.0 W/SF LED UNITS EVENLY DISTRIBUTED. **TOTAL LUMENS = 22,950 (3.0 W/SF = 270 LUMENS/SF X 89SF)**

REGARDING SAMPLES

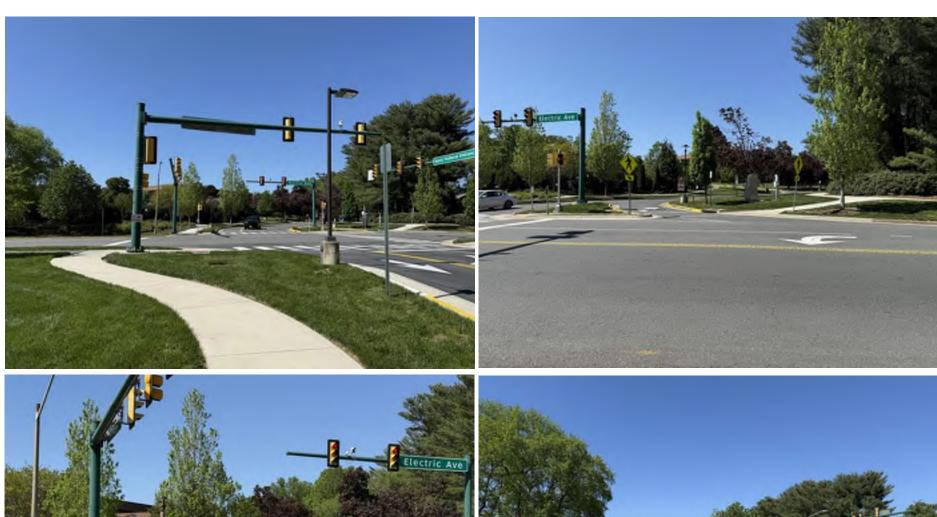
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GOTHAM ARCHITECTURAL DOWNLIGHTING | P 800.705.SERV (7378) | gothamlighting.com | ICO-6-OPEN

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DESIGN INTENT

THIS NFCU LOGO SIGN IS INTENDED TO WELCOME VEHICULAR TRAFFIC ONCE THEY HAVE ALREADY ARRIVED ON CAMPUS. THIS SIGN IS NOT INTENDED TO BE SEEN FROM THE STREET, REFER TO PHOTOGRAPHS TAKEN FROM THE STREET LOOKING TOWARDS THE PROPOSED SIGN:





TOTAL SIGN LUMENS

3.0 W/FT = 270 LUMENS/FT X 21' - 0" = 5,670 LUMENS

REGARDING SAMPLES

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ASD SKY **HQ1 AUDITORIUM** MANUFACTURERS SPECIFICATIONS - LIGHTING

SITE PLAN NAVY FEDERAL CREDIT UNION HQ1 AUDITORIUM ADDITION

Town of Vienna, Virginia

FIRE MARSHAL NOTES

IF YES, CHECK APPROPRIATE STANDARD: NFPA 13 □; NFPA 13 □; NFPA 13R □ SEE PFM CHAPTER 9, PART 2 FOR FULL INFORMATION REQUIRED. FIRE FLOW REQUIREMENTS TO BE DETERMINED BY THE FIRE PREVENTION DIVISION.

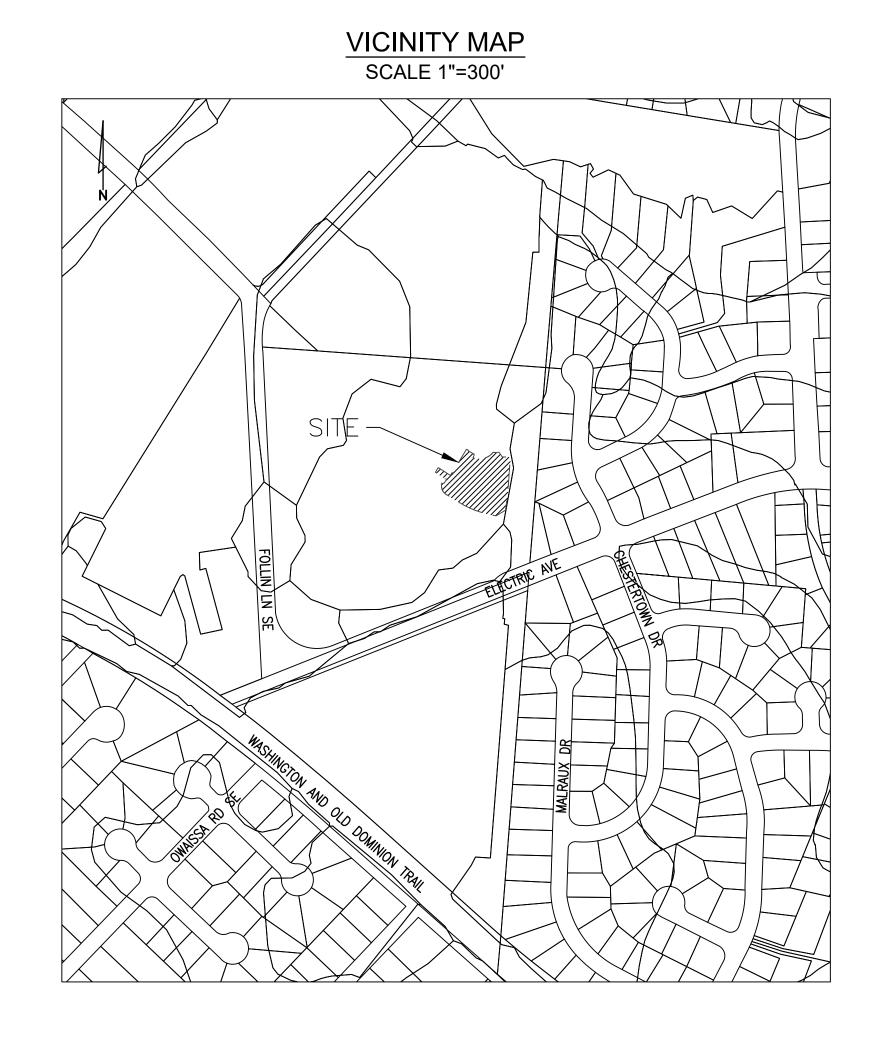
OWNER INFORMATION:

OWNER:

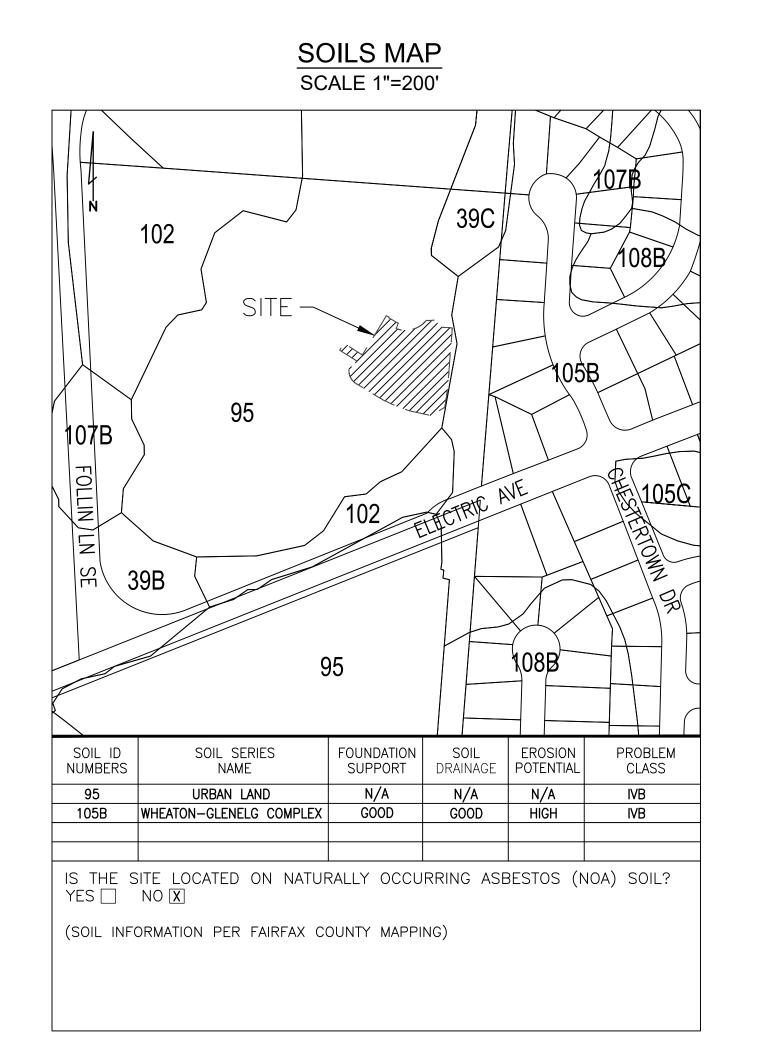
TAX MAP #: 0393 ((2)) 04
SITE ADDRESS 900 FOLLIN LANE SE
VIENNA, VA 22180

NAVY FEDERAL CREDIT UNION DB 05767 PG 1886

| | SHEET INDEX | | |
|----------|--|--|--|
| Sheet # | Sheet Title | | |
| C0.00 | | | |
| C0.01 | ABBREVIATIONS NOTES AND LEGEND | | |
| C1.01 | DEMOLITION PLAN | | |
| C1.02 | SITE PLAN | | |
| C1.03 | GRADING, DRAINAGE AND UTILITY PLAN | | |
| C1.04 | FIRE LANE PLAN AND DETAILS | | |
| C2.01 | EROSION AND SEDIMENT CONTROL PH I | | |
| C2.02 | EROSION AND SEDIMENT CONTROL PH II | | |
| C2.03 | EROSION AND SEDIMENT CONTROL NARRATIVE | | |
| C2.04 | EROSION AND SEDIMENT CONTROL DETAILS | | |
| C2.05 | EROSION AND SEDIMENT CONTROL DETAILS | | |
| C3.01 | STORM SEWER PROFILES | | |
| C4.01 | CONSTRUCTION DETAILS | | |
| C.SW2.01 | SWM DRAINAGE MAP (PRE-DEVELOPMENT) | | |
| C.SW2.02 | SWM DRAINAGE MAP (POST-DEVELOPMENT) | | |
| C.SW3.01 | SWM NARRATIVE | | |
| C.SW3.02 | VRRM SPREADSHEET | | |
| C.SW3.03 | SWM COMPUTATIONS | | |
| C.SW4.01 | SWM DETAILS | | |
| C.SW4.02 | SWM DETAILS | | |
| C.SW4.03 | SWM DETAILS | | |
| C.SW4.04 | SWM DETAILS | | |
| C.SW4.05 | SWM DETAILS | | |
| L1.00 | LANDSCAPE NOTES | | |
| L1.01 | PLANTING PLAN | | |
| L2.01 | PLANTING SCHEDULE & DETAILS | | |
| L3.01 | HARDSCAPE PLAN | | |
| L4.01 | HARDSCAPE DETAILS | | |
| L4.02 | HARDSCAPE DETAILS | | |
| | | | |
| | | | |



| PARKING REQUIRE | D: (4191 EMPLOYEES) | | | |
|------------------------|---------------------|--------------|------------------|-----------------|
| <u>TYPE</u> | <u>RATE</u> | | <u>TOTAL</u> | |
| EMPLOYEE: | 1 SP/2 EMPLOYEES | | 2096 SPACE | ES |
| VISITOR: | 1 VISITOR SP/10 SP | | 419 SPACES | 3 |
| COMPANY VEHICLE: | 1 SP/COMPANY VEHIC | LE | 30 SPACES | |
| TOTAL PARKING: | | | 2,545 SPAC | ES |
| TOTAL ACCESSIBLE P | ARKING: | | 45 SPACES | |
| PROPOSED PARKIN | IG SUMMARY: | | | |
| EXISTING PARKING | PROP. PARKING | <u>EX. A</u> | <u>CCESSIBLE</u> | PROP. ACCESSIBL |
| 3480 SPACES | 3478 SPACES | 79 SF | PACES | 77 SPACES |



| SITE AREA: 665,539 SF OR 15.27 | AC | |
|--------------------------------|----------|----------|
| ZONING: CORPORATE PARK DISTRIC | CT (CP) | |
| EXISTING USE: PROFESSIONAL OFF | CE | |
| ZONING REQUIREMENTS | REQUIRED | PROPOSED |
| MAXIMUM BUILDING HEIGHT: | 45 FT | 2-STORY |
| MINIMUM YARD REQUIREMENTS : | | |
| FRONT- | 50 FT | 50 FT |
| SIDE- | 50 FT | 153 FT |
| REAR- | 50 FT | 50 FT |
| MAXIMUM OPEN SPACE: | 30% MIN | 33% |

ASD SKY

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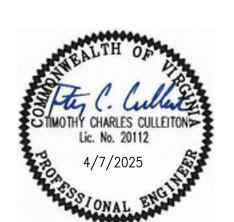
NAVY FEDERAL
CREDIT UNION
HQ1 AUDITORIUM
ADDITION

900 FOLLIN LN SE VIENNA, VA 22180

₩ Dewberry

Dewberry Engineers Inc. 8401 Arlington Boulevard Fairfax, VA 22031 703 698 9440 Phone 703 849 4881 Fax

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Associated Space Design, Inc. 2024

0 04/07/25 FOR PERMIT AND PRICING

0 04/07/25 FOR PERMIT AND PRICIN
D 03/28/25 FOR PERMIT
C 02/21/25 90% CD
B 12/13/24 100% DD
A 11/8/24 50% DD

A 11/8/24 50% DD

NO: DATE: REMARKS:

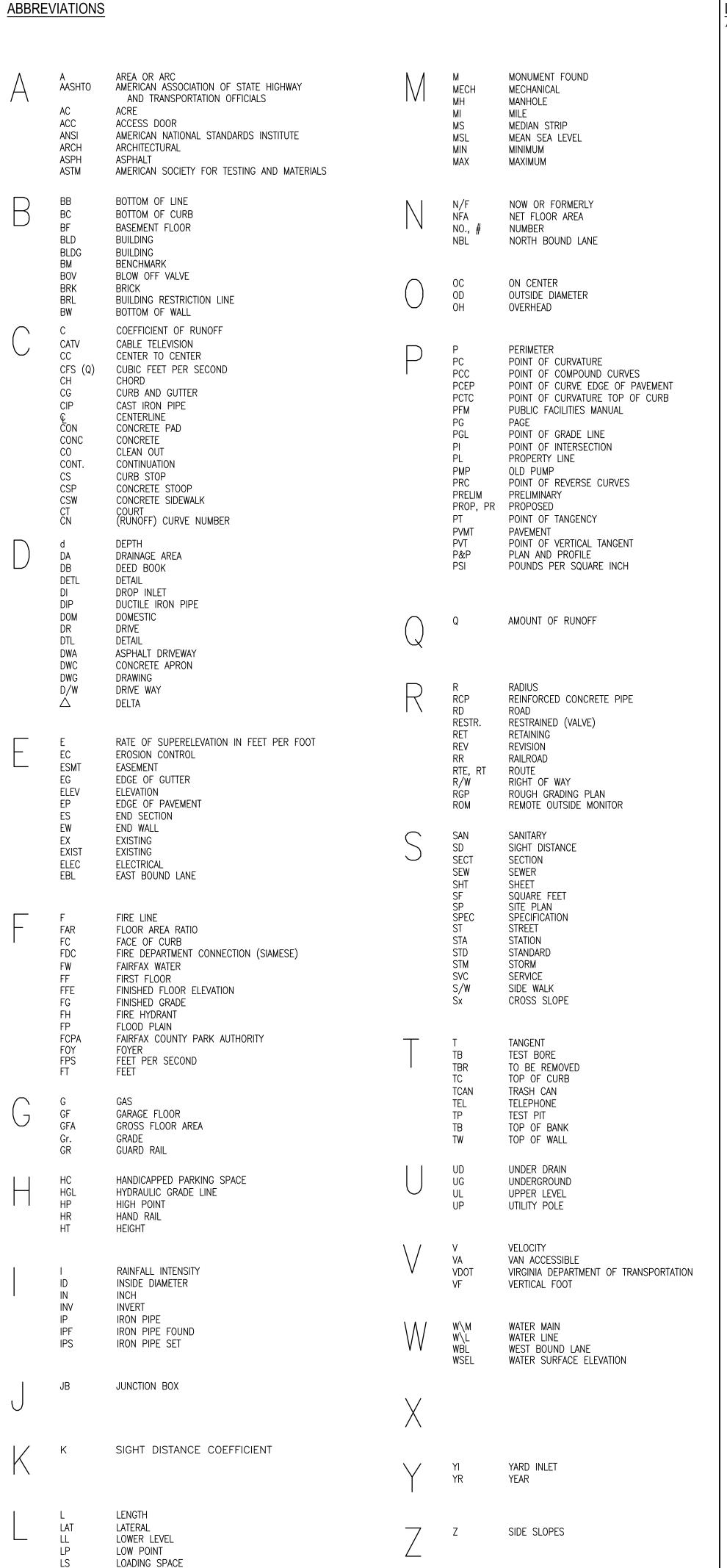
REVISIONS:

DRAWING TITLE:

CIVIL COVER SHEET

ROJECT NO.: ISSUE DATE: 04/07/20
RAWN BY: CHECKED BY: TCC

C0.00



LIMITS OF CLEARING & GRADING

ADDITIONAL LEGEND INFORMATION PROVIDED ON APPLICABLE SHEETS PROPOSED IMPROVEMENTS BY OTHERS **—·**—·—·—·—·— EXISTING INTERMEDIATE CONTOUR EXISTING CONTOUR INDEX -----PROPOSED CONTOUR _____86_____ _____ EX._ E.P.___ EXISTING EDGE OF PAVEMENT PROP. E.P. PROPOSED EDGE OF PAVEMENT PROPOSED HEADER CURB _____ EXISTING CURB PROPOSED CURB & GUTTER CG-6 PROPOSED CG-6 CG-6 CG-6R TRANSITION FROM CG-6 TO CG-6R EXISTING WATERLINE W/TEE PROPOSED WATERLINE W/TEE EXISTING TELEPHONE LINE --T--T--PROPOSED TELEPHONE LINE EXISTING STORM SEWER PROPOSED STORM SEWER EXISTING SANITARY SEWER —SS——O—SS—— PROPOSED SANITARY SEWER EXISTING ELECTRIC SERVICE PROPOSED ELECTRIC SERVICE EXISTING GAS LINE ____ G ____ PROPOSED GAS LINE PROPERTY LINE _____ EASEMENT LINE _____ CENTER LINE LIMITS OF CLEARING & GRADING أحصر أحميص احصمي EXISTING SPOT ELEVATIONS ×12.0 +12⁰ PROPOSED SPOT ELEVATION EXISTING TREE LINE EXISTING TREE W/TRUNK DIAMETER ∘ 12'DIM. EXISTING TREE W/DRIPLINE PROPOSED TREE FLOW LINE OF SWALE **→ →** FENCE LINE 0 0 EXISTING UTILITY POLE PROPOSED UTILITY POLE EXISTING FIRE HYDRANT PROPOSED FIRE HYDRANT **H**● EXISTING WATER VALVE — W — O — W — PROPOSED WATER VALVE \otimes WATER METER (SINGLE & DOUBLE) STREET SIGN (SEE SIGNAGE PLAN) • PARKING INDICATOR INDICATES THE NUMBER OF PARKING SPACES TEST PIT EXISTING STREET LIGHT PROPOSED STREET LIGHT PROPOSED TRAFFIC SIGNAL (APPROX. LOCATIONS)

GENERAL NOTES

ADDITIONAL DESIGN AND CONSTRUCTION NOTES ARE PROVIDED IN APPLICABLE SECTIONS.

- 1. ALL CONSTRUCTION SHALL CONFORM TO TOWN OF VIENNA AND VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- 2. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE MOST CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO, ENVIRONMENTAL PROTECTION AGENCY (EPA), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), VIRGINIA OCCUPATIONAL AND SAFETY HEALTH COMPLIANCE PROGRAM (VOSH ENFORCEMENT), VIRGINIA OVERHEAD HIGH VOLTAGE LINE SAFETY ACT, NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS), AND NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH).
- WHEN DURING THE COURSE OF CONSTRUCTION, ANY OBJECT OF AN UNUSUAL NATURE IS ENCOUNTERED, THE CONTRACTOR SHALL CEASE WORK IN THAT AREA AND IMMEDIATELY NOTIFY THE PROPER AUTHORITY, TOWN OF VIENNA AND/OR THE ARCHITECT/ENGINEER.
- 4. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES WHICH OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UNDERGROUND UTILITIES. IF DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHOULD ENCOUNTER UTILITIES OTHER THAN IN THOSE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE NECESSARY AND PROPER STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
- ALL UTILITIES WHICH WILL BE PLACED UNDER EXISTING PUBLIC STREETS SHALL BE BORED OR JACKED, UNLESS PERMISSION TO OPEN CUT IS OBTAINED FROM VDOT.
- CONTROLLED FILLS MUST BE COMPACTED TO 95% AS DETERMINED PER STANDARD PROCTOR AASHTO T-99 OR ASTM D 698. DENSITY MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER AND THE RESULTS SUBMITTED TO TOWN OF VIENNA PRIOR TO FOOTING CONSTRUCTION.
- ALL FILL SOILS UNDER EXPANDED PAVED AREAS SHALL BE COMPACTED TO 95% OF THEORETICAL MAXIMUM DENSITY AS DETERMINED BY ASTM SPECIFICATION D-698 STANDARD PROCTOR METHOD, WITHIN + OR 2% OF OPTIMUM MOISTURE FOR THE FULL WIDTH OF ANY DEDICATED RIGHT-OF-WAY AND ALL PARKING LOTS; PRIVATE STREETS; PARKING BAYS; CURB AND GUTTER; AND SIDEWALKS ADJACENT TO STREETS AND PARKING LOTS (NOT INTENDED TO INCLUDE LEADWALKS), WITH UPPER 1.0 FT. COMPACTED TO 100% OF THE MAXIMUM DRY DENSITY PER ASTM D-698.
- 3. ALL STREET CUT AND PATCH WORK IN PUBLIC RIGHT-OF-WAY REQUIRED FOR UTILITIES INSTALLATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH TOWN OF VIENNA AND VDOT STANDARDS AND SPECIFICATIONS.
- 9. A SMOOTH GRADE SHALL BE MAINTAINED FROM EDGE OF PAVEMENT OF EXISTING ROAD TO PROPOSED CURB AND GUTTER AND/OR PROPOSED PAVEMENT TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE ROADWAY. REMOVE AND RECONSTRUCT EXISTING PAVEMENT AND/OR CURB AS DICTATED BY FIELD CONDITIONS TO PROVIDE POSITIVE DRAINAGE AT TIE-IN-POINTS.
- 10. PROPOSED SIDEWALKS MUST BE CONSTRUCTED WITH UD3 UNDERDRAINS WHEN LONGITUDINAL GRADES ARE 3% OR GREATER UNLESS SOIL TEST CONFIRM THAT THEY ARE NOT NEEDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION (APPLIES TO SIDEWALK IN RIGHT-OF-WAY ONLY).
- 11. THE DEVELOPER WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STREET AND UTILITIES WHICH OCCURS AS A RESULT OF HIS CONSTRUCTION PROJECT WITHIN OR CONTIGUOUS TO THE EXISTING
- 12. COMPACTION OF BACKFILL IN UTILITY TRENCHES SHALL BE IN ACCORDANCE WITH TOWN OF VIENNA & V.D.O.T. STANDARDS & SPECIFICATIONS.
- 13. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO GRAVE SITES OR BURIAL PLOTS ON THIS PROPERTY.
- 14. THERE ARE NO DOWNSTREAM IMPOUNDMENTS IN THE INFLUENCE AREA OF THE PROPOSED DEVELOPMENT.
- 15. THIS PLAN COMPLIES FULLY WITH THE AMENDED CHESAPEAKE BAY PRESERVATION ORDINANCE PER THE JULY 7, 2003 BOARD POLICY FOR THE TREATMENT OF APPROVED AND PENDING PLANS OF DEVELOPMENT, WITH AN EFFECTIVE DATE OF NOVEMBER 18, 2003 AND WITH REVISIONS ADOPTED BY THE BOARD WITH AN EFFECTIVE DATE OF JULY 12, 2005.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL. THE DEVELOPER SHALL SUBMIT A SIGNING, STRIPING AND/OR SIGNALIZATION PLAN TO THE VDOT LAND DEVELOPMENT SECTION A MINIMUM OF 30 DAYS PRIOR TO PERMIT APPLICATION. THE DEVELOPER SHALL NOT COMMENCE CONSTRUCTION OF ANY PAVEMENT COURSE WITHOUT AN APPROVED STRIPING PLAN.
- 17. ALL RETAINING WALLS 3' AND GREATER IN HEIGHT REQUIRE A SEPARATE BUILDING PERMIT.
- 18. ALL ROOF DRAINS AND NON-STANDARD PIPE WILL BE CONSTRUCTED UNDER A SEPARATE PLUMBING PERMIT PER IBC INTERNATIONAL PLUMBING CODE.
- 19. ALL EXTERIOR LIGHTING FIXTURES PROPOSED WITH THIS PLAN SHALL BE FULL CUT-OFF OR DIRECTIONALLY
- 20. ALL ADA ACCESSIBILITY IMPROVEMENTS PROPOSED/SHOWN ON THIS PLAN, INCLUDING BUT NOT LIMITED TO PARKING SPACES, AISLES, ROUTES, AND SLOPES, COMPLY WITH THE 2010 ASA STANDARDS FOR ACCESSIBLE DESIGN AND THE 2012 USBC.

TOWN OF VIENNA GENERAL NOTES

- 1. A PRE-CONSTRUCTION MEETING MUST BE HELD PRIOR TO THE START OF CONSTRUCTION. CALL 703-255-6384 TO SCHEDULE THE PRE-CONSTRUCTION MEETING.
- 2. ALL CONSTRUCTION GENERATED DEBRIS MUST BE HAULED AWAY BY THE CONTRACTOR OR OWNER.
- 2. ALL CONSTRUCTION GENERATED DEBRIS MUST BE HAULED AWAY BY THE CONTRACTOR OR OWNER.
- 3. PRIOR TO THE REMOVAL OF ANY TOWN TREES (TREES WITHIN THE RIGHT OF WAY), THE APPLICANT OR THEIR REPRESENTATIVE SHALL CONTACT THE TOWN OF VIENNA ARBORIST AT 703-255-6360 TO COORDINATE HAVING THE TOWN ARBORIST ONSITE DURING ALL TOWN TREE REMOVAL.
- 4. TREE PROTECTION FOR ANY TOWN TREE, AS SHOWN ON PLAN, MUST BE INSTALLED PRIOR TO ANY SITE WORK.
- 5. IT IS UNLAWFUL TO PERFORM ANY CONSTRUCTION ABOVE FOUNDATION CORNERS PRIOR TO APPROVAL OF SETBACKS. WORK COMPLETED IN VIOLATION OF THIS REQUIREMENT IS SUBJECT TO DEMOLITION.
- 6. ALL DUMPSTERS/PODS ARE TO BE PLACED ON PRIVATE PROPERTY.
- 7. FRONT ELEVATION CHECKS ARE REQUIRED.
- 8. WALL CHECK SURVEYS ARE REQUIRED AND MUST BE SUBMITTED PRIOR TO CONSTRUCTION ABOVE FOUNDATION CORNERS.
- 9. A CERTIFICATE OF OCCUPANCY IS REQUIRED PRIOR TO OCCUPANCY. ALL REQUIRED DOCUMENTATION AND INSPECTIONS MUST BE SUBMITTED/COMPLETED BEFORE THE TOWN OF VIENNA WILL ISSUE A CERTIFICATE OF OCCUPANCY.
- 10. EXISTING SANITARY SEWER LATERALS ARE TYPICALLY CAPPED AT OR NEAR THE PROPERTY LINE. THE REUSE OF THE PORTION OF THE EXISTING SANITARY SEWER LATERAL BETWEEN THE TOWN OWNED SEWER MAIN AND THE CAPPED END MAY BE ALLOWED PROVIDING THAT A LICENSED PLUMBER CERTIFIES THAT THE EXISTING PIECE OF PIPE IS GRADED PROPERLY AND IN LIKE NEW CONDITION. THE REUSE OF A PORTION OF THE EXISTING LATERAL DOES NOT IMPLY THAT THE TOWN IS WARRANTING THE CONDITION IN ANY WAY.

SURVEY NOTES

- THE SITE SHOWN HERON IS REFERENCED TO THE VIRGINIA COORDINATE SYSTEM OF 1983 AS COMPUTED FROM FIELD RUN BOUNDARY AND HORIZONTAL AND VERTICAL CONTROL SURVEY.
- 2. THE SITE SHOWN HERON IS REFERENCED TO THE NATIONAL VERTICAL DATUM 1929
- 3. THE BOUNDARY INFORMATION SHOWN HEREON, WITH A MAXIMUM PERMISSIBLE ERROR OF CLOSURE WITHIN THE LIMIT OF ONE (1) IN TWENTY THOUSAND (20,000), WAS COMPILED BY DEWBERRY ENGINEERS INC.
- 4. EXISTING TOPOGRAPHIC AND PLANIMETRIC INFORMATION WAS COMPILED FROM FIELD RUN SURVEY BY DEWBERRY ENGINEERS INC DATED -.
- 4. EXISTING STORM AND SANITARY UTILITY INFORMATION WAS COMPILED FROM FIELD SURVEY BY DEWBERRY ENGINEERS INC DATED -.

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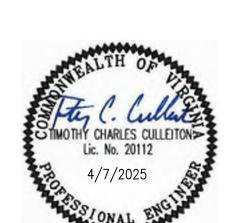
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C 02/21/25 90% CD

B 12/13/24 100% DD

 A
 11/8/24
 50% DD

 NO:
 DATE:
 REMARKS:

 REVISIONS:

ABBREVIATIONS NOTES
AND LEGEND

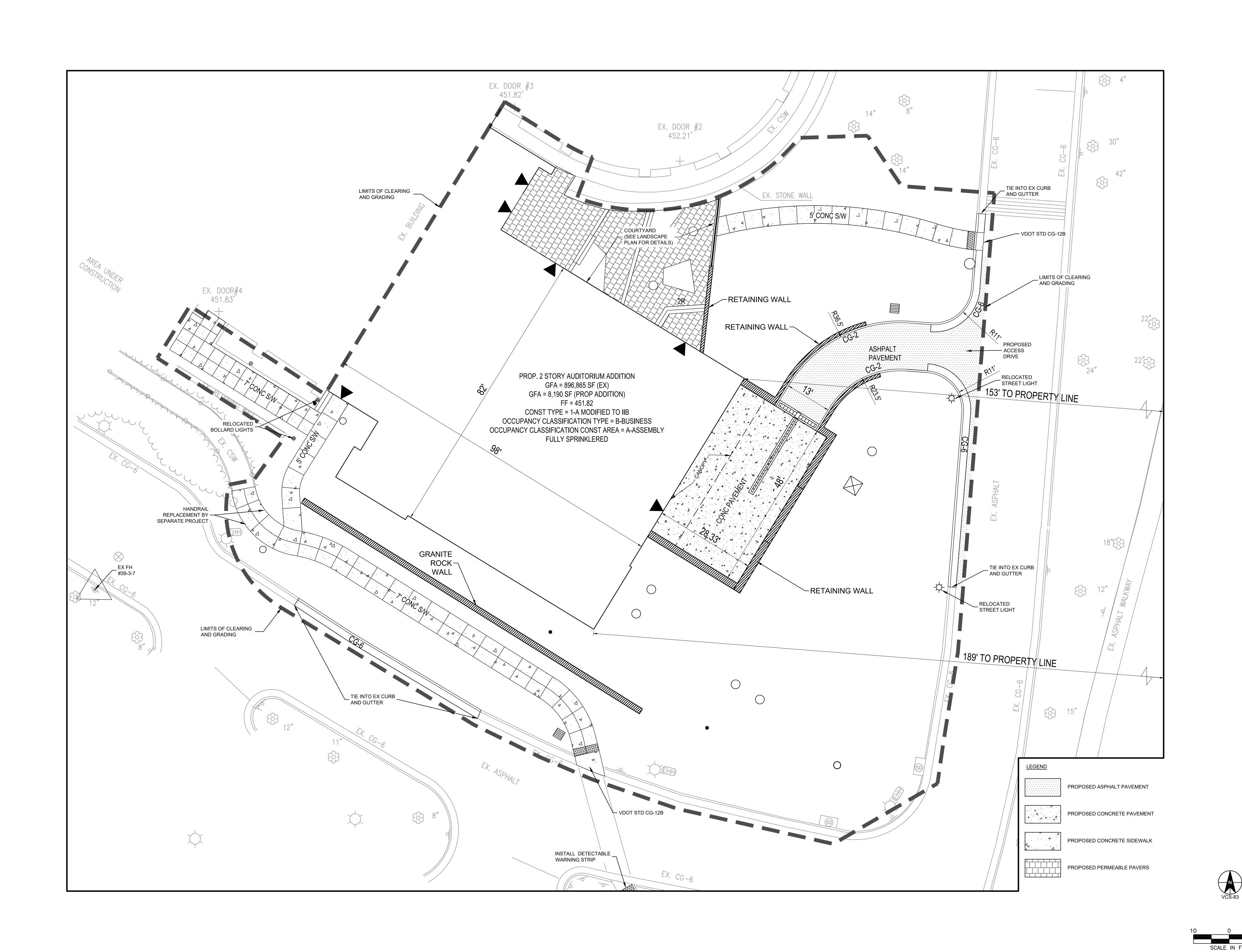
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 ISSUE DATE:

 50182732
 04/07/2025

 DRAWN BY:
 CHECKED BY:

 MSC
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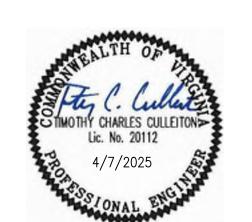
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Associated Space Design, Inc. 2024

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