

ADDENDUM NO. 1

DATE: AUGUST 5, 2025

BID DATE, TIME, AND LOCATION HAVE NOT BEEN CHANGED.

GENERAL:

This addendum forms a part of the Contract Documents of the above referenced project and modifies the original Contract Documents as described below. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal Signature Page.

This addendum has been distributed to: all Pre-Bid Conference Attendees, all Contractors that requested Bid Documents from Williard Stewart Architects, and to all Plan Rooms / Plan Services listed in the Notice to Bidders.

This addendum has also been uploaded to the same online file-sharing site used by Williard Stewart Architects to distribute digital PDFs of the Bid Documents for this project:

<https://www.dropbox.com/scl/fo/tnlcm69mgkfxq90z7bvy0/AAkZMShCuZHtqegk-asOjrE?rlkey=muhuhb6fahl2qlsesb8hzzuvt&st=aokhbgll&dl=0>

PROJECT MANUAL:

SECTION 000002 – TABLE OF CONTENTS

1. Division 22, Specification Section 221000-Plumbing Pipe and Fittings: **REVISE** the number of pages to be "1-2".
2. Division 43: **ADD** the following specification sections:
"434113 Welded Steel Potable Water Storage Tank.....1-5"
"434115 Welded Steel Potable Water Storage Tank Painting.....1-4"

SECTION 000005 – INSTRUCTIONS TO BIDDERS AND GENERAL CONDITIONS OF THE CONTRACT

1. **CLARIFICATION:** Refer to General Conditions Article 10-Permits, Inspections, Fees, Regulations for contractor responsibilities for inspections, permits, tap fees, and other fees.

SECTION 000008 – FORM OF PROPOSAL

1. **REPLACE** the Form of Proposal with the attached **REVISED** Form of Proposal (with footer dated 08/04/25). The updated Form of Proposal adds Alternate C-2, Alternate C-3, and Unit Price No. 6. Do NOT use the original Form of Proposal when submitting bids – be sure to use the revised form included in this addendum, dated 08/04/25.

SECTION 000011 – CONSTRUCTION CONTRACT

1. **UPDATE** the List of Drawing sheets to ADD Sheet C611 Site Details.

SECTION 012100 – ALLOWANCES

1. Part 3, Paragraph 3.3, **ADD** the following allowance:
"F. Allowance No. 6: 12-Inch Precast, Prestressed Concrete Piles installed.
 1. Indicator Pile Allowance: Three (3) Indicator Piles, Sixty (60) Feet Long.
 2. Production Pile Allowance: Eleven (11) Production Piles, Forty-Five (45) Feet Long.
 3. Refer to Specification Section 023000-Subsurface Investigation, Addendum to Geotechnical Engineering Report Prepared by Timmons Group for additional information regarding the 12-Inch Precast, Prestressed Concrete Piles. Pile foundation design to be provided by the Water Tank Manufacturer (refer to Specification Section 434111 – Glass-Coated Bolted Steel Potable Water Tanks for additional details).
 4. Coordinate quantity allowance adjustment with unit price requirements of Division 01 "Unit Prices."
 5. The above allowance shall be added to the Base Bid."

SECTION 012200 – UNIT PRICES

- Part 3, Paragraph 3.2, **ADD** the following unit price:

"F. Unit Price No. 6: 12-Inch Precast, Prestressed Concrete Piles installed.

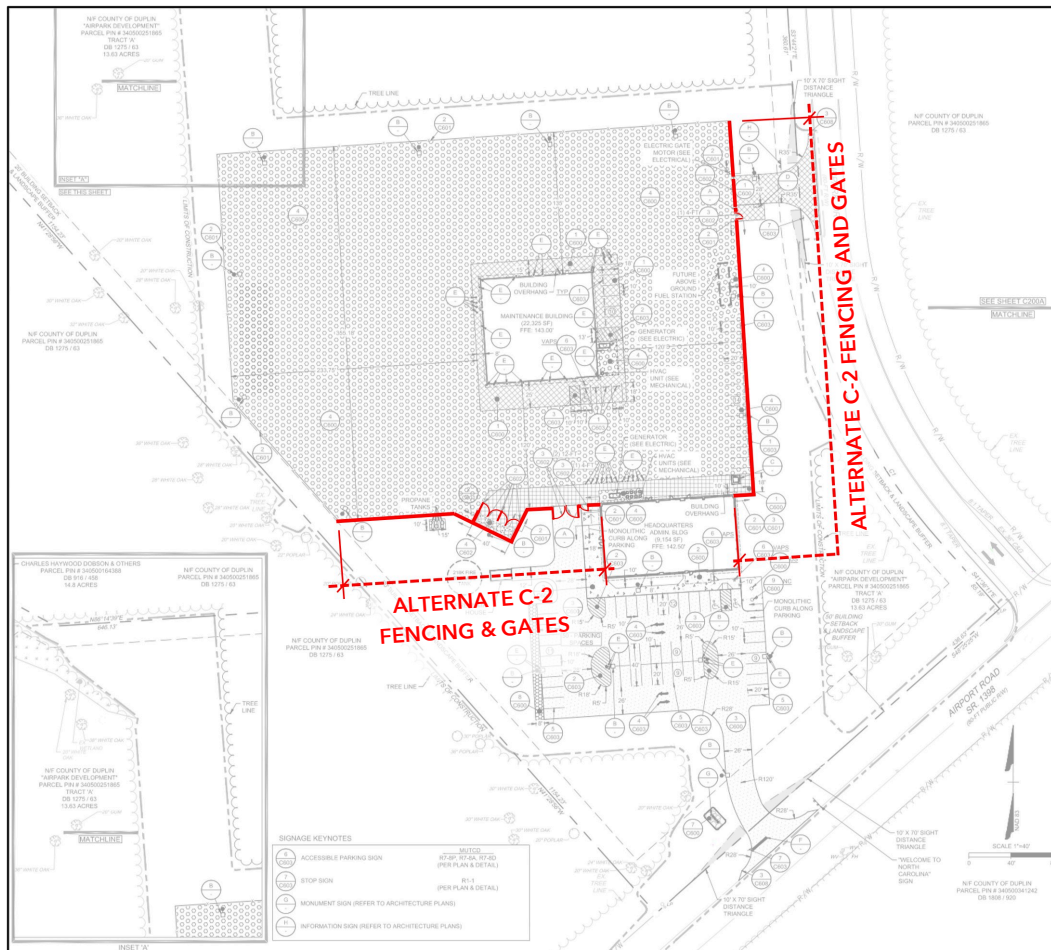
- Purpose: To adjust the contract sum in case a quantity different from that indicated in the allowance is required.
- Unit of Measurement: Linear Feet
- Include the following in the unit price:
 - Materials and transport to site.
 - Unloading, handling, and placement.
 - Overhead and profit.
- Include all other related costs in the contract sum.
- Method of Measurement: Required production piles lengths to be determined after indicator piles have been driven and load tested.
- Refer to Specification Section 023000-Subsurface Investigation, Addendum to Geotechnical Engineering Report Prepared by Timmons Group for additional information and requirements regarding the 12-Inch Precast, Prestressed Concrete Piles."

SECTION 012300 – ALTERNATES

- Part 3, Paragraph 3.1: **ADD** Alternate C-2 and Alternate C-3 as follows:

"Alternate No. C-2: Provide ornamental fencing and gates in lieu of black PVC coated chain link fencing and gates for the plan south and plan east portions of the Base Bid operations yard fencing."

Refer to the Alternate C-2 Diagram below that highlights the Alternate C-2 fencing and gates in red.



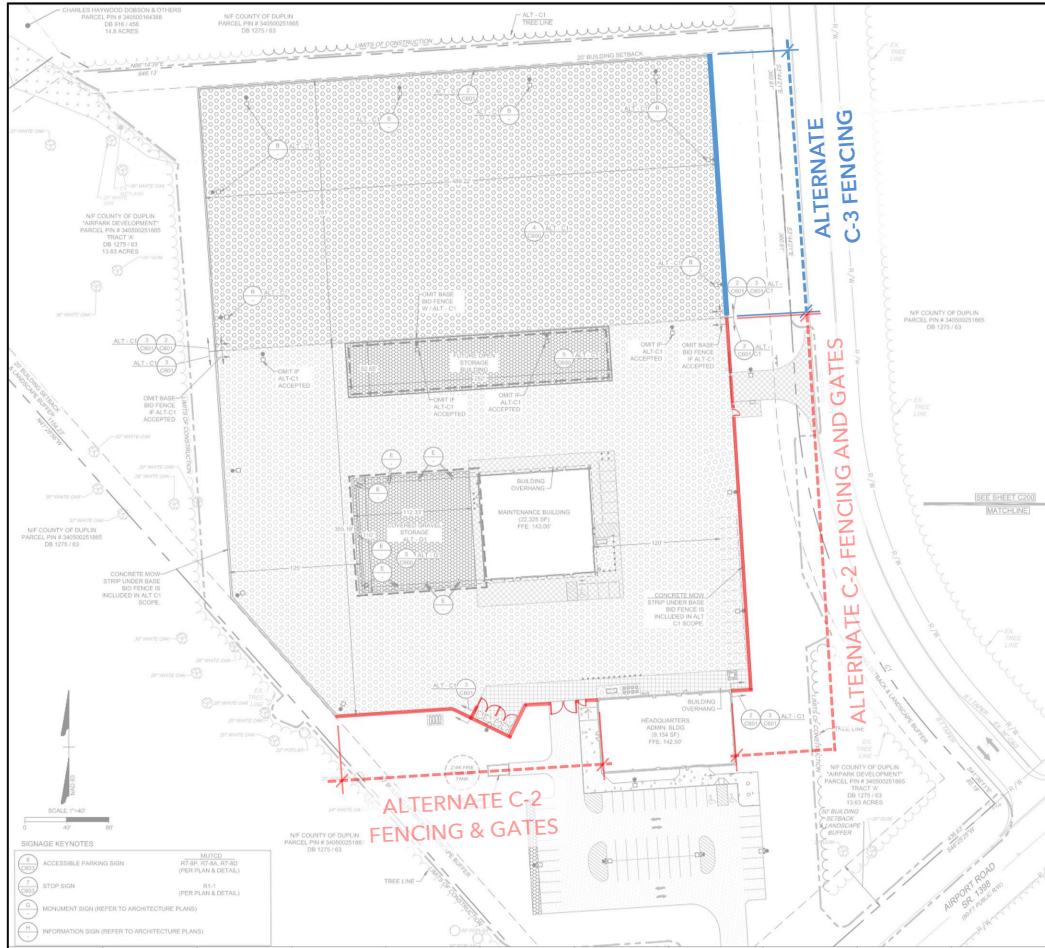
**ALTERNATE C-2
DIAGRAM**
NOT TO SCALE

BASE DRAWING
REFERENCE:
C200 SITE PLAN

(Continued on Next Page)

"Alternate No. C-3: Provide ornamental fencing in lieu of black PVC coated chain link fencing for the plan east fencing associated with Alternate C-1."

Refer to the Alternate C-3 Diagram below that highlights the Alternate C-3 fencing and gates in blue.



**ALTERNATE C-3
DIAGRAM**
NOT TO SCALE

BASE DRAWING
REFERENCE:
C200A SITE PLAN-ALTERNATES

SECTION 074213 – FORMED METAL WALL PANELS

1. Part 2, Paragraph 2.3, Subparagraph B and Part 2, Paragraph 2.4, Subparagraph B:
 - a. **CLARIFICATION:** Both two and three-coat fluoropolymer finishes are listed for the metal wall panels as the finish coating process varies by different manufacturers. The panel finish system to be provided shall comply with color requirements (selected by Architect from the manufacturer's full range) to provide the best color match to the basis of design color selections noted on the drawings.

SECTION 081416 – FLUSH WOOD DOORS

1. Part 2, Paragraph 2.3, Subparagraph A: **ADD** Item 7 as follows:
"7. Sound Transmission Class (STC): STC 30 – 35."

SECTION 084113 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

2. Part 2, Paragraph 2.1, Subparagraph B: **CLARIFICATION:** Specification Section 084113 is a performance specification and does not reference manufacturer specific aluminum-framed entrance and storefront systems/model numbers. Provide system meeting the Performance Requirements included in Part 2, Paragraph 2.2 and other sections of Specification Section 084113.
3. Part 2, Paragraph 2.3, Subparagraph A, Item 4: **REVISE** the Glazing Plane from "front" to "center".
4. Part 2, Paragraph 2.10: **CLARIFICATION:** Clear Anodic Finish, Color Anodic Finish, and High-Performance Organic Finish Two-Coat PVDF have all been listed as Aluminum-Framed Entrance and Storefront finishes to encompass the full acceptable range of color and finish options. Final finish/color selections will be coordinated with other exterior/interior finishes.

SECTION 088000 – GLASS AND GLAZING

1. Part 2, Paragraph 2.1, Subparagraph A, Item 1, Sub-Item d: **REVISE** Subitem d to read as "Vitro Architectural Glass."
2. Part 2, Paragraph 2.2, Subparagraph C: **REVISE** Subparagraph C to description to read as "Insulating-Glass Units, General:".
3. Part 2, Paragraph 2.2, Subparagraph C: **ADD** Item 6 as follows:
"6. Exterior Insulated Glass (Aluminum-Framed Storefront Systems):
 1. Composition:
 - a. Glass 1: 1/4" (6mm) Thick Clear Glazing.
 - b. Gap 1: 1/2" (12.7mm) Thick, 100% Air,
 - c. Glass 2 (Interior): 1/4" (6mm) Thick Clear Glazing.
 2. Glazing Surface Treatment:
 - a. Surface #1: None.
 - b. Surface #2: Basis of Design Reference Manufacturer/Product: Vitro Architectural Glass Solarban R77 (IGDB).
 - c. Surface #3: None.
 - d. Surface #4: None."
4. Part 2, Paragraph 2.2, Subparagraph C: **ADD** Item 7 as follows:
"7. Interior Insulated Glass (Aluminum-Framed Storefront Systems):
 1. Composition:
 - a. Glass 1: 1/4" (6mm) Thick Clear Glazing.
 - b. Gap 1: 1/2" (12.7mm) Thick, 100% Air,
 - c. Glass 2 (Interior): 1/4" (6mm) Thick Clear Glazing.
 2. Glazing Surface Treatment:
 - a. Surface #1: None.
 - b. Surface #2: None.
 - c. Surface #3: None.
 - d. Surface #4: None."
5. Part 2, Paragraph 2.2 Subparagraph D: **DELETE** Subparagraph D.

SECTION 111100 – VEHICLE SERVICE EQUIPMENT

1. Part 2, Paragraph 2.3, Subparagraph C, **ADD** Item 12 as follows, "12. Provide labeling/necessary markings to readily identify contents".
2. Part 2 Fluid Storage Tank Labeling Requirements | **CLARIFICATION:** All fluid storage tanks need lettering to identify their contents. Refer to the following items within Specification Section 111100:
 - a. Part 2, Paragraph 2.1, Subparagraph C, Item 2, Sub-Item J.
 - b. Part 2, Paragraph 2.2, Subparagraph C, Item 2, Sub-Item K.
 - c. Part 2, Paragraph 2.3, Subparagraph C, Item 12.
 - d. Part 2, Paragraph 2.4, Subparagraph D.
 - e. Part 2, Paragraph 2.5, Subparagraph D.
3. Part 2 Fluid Storage Tank Finish Requirements | **CLARIFICATION:** Standard manufacturer coatings/finishes are acceptable for the Fluid Storage Tanks.
4. Part 3, Paragraph 3.2, Subparagraph 4:
 - a. Item A: **CLARIFICATION:** The fluid storage tanks need to be seismically anchored to meet all local, state, and federal codes. If no such code exists/applies, they do not need seismic anchoring.
 - b. Item B: **CLARIFICATION:** Used fluids should be vented to the outside but is not required if not providing venting that will meet the AHJ approvals.
 - c. Item C: **CLARIFICATION:** Support channels should not be removed if this will void the manufacturer's warranty, however tanks do also need to be anchored with anchor clips.

SECTION 122413 – ROLLER SHADES

1. Part 1, Paragraph 1.3, Subparagraph I: **DELETE** Item 4-Motorized Shade Operator.
2. Part 2, Paragraph 2.1, Subparagraph B, Item 1: **REVISE** Item 1 to read as "Draper Shade & Screen Co.,Inc., GreenScreen Evolve".
3. Part 2, Paragraph 2.3, Subparagraph H, **ADD** Item 7 as follows:

- "7. Location: All non-clerestory windows scheduled for roller shades in Building 01-Administration and Building 02-Maintenance."
4. Part 2, Paragraph 2.3, Subparagraph I, **ADD** Item 7 as follows:
"7. Location: Clerestory windows (Window Designation W4) in Building 01-Administration.
 5. Part 2, Paragraph 2.4, Subparagraph C, **DELETE** Item 2.

SECTION 133419 – METAL BUILDING SYSTEMS

1. **CLARIFICATION:** Shop Drawing, structural calculations, qualification data, samples, and other action and informational submittals as described in Part 1 of Specification Section 133419-Metal Building System are required to be submitted by Contractors for Designer Review (following the Notice to Proceed for construction).
2. Part 2, Paragraph 2.1, Subparagraph A: **ADD** "Rigid Global Buildings" to the list of Available Manufacturers.
3. Part 2, Paragraph 2.3, Subparagraphs J and K | **CLARIFICATION:** The UL 580 performance requirement in Subparagraph J and the FM Global 4471 performance noted in Subparagraph K both include wind-uplift resistance testing with equivalent rating/performance requirements of 90 psf. In addition to testing wind-uplift, the FM Global 4471 standard also includes performance testing for noncombustible construction, hail resistance, and durability.
4. Part 2, Paragraph 2.3, Subparagraph L: **REVISE** Subparagraph L to be Item 1 under Subparagraph K. Revised Subparagraph K should read as follows:
"K. FM Global Listing: Provide metal roof panels and component materials that comply with requirements in FM Global 4471 as part of a panel roofing system that are listed in FM Global's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FM Global markings.
1. Hail Resistance: SH."
5. Part 2, Paragraph 2.3, Subparagraph M: **REVISE** the subparagraph letter designation for this subparagraph to be "L".
6. Part 2, Paragraph 2.4, Subparagraph A: **REVISE** Metal Wall Panel Designation "[P1A]" to be "[P1B]".
7. Part 2, Paragraph 2.4, Subparagraph B: **REVISE** Metal Wall Panel Designation "[P1A]" to be "[P1B]".
8. Part 2, Paragraph 2.4, Subparagraph K | **CLARIFICATION:** Refer to the Exterior Finish Legends on Drawings A1-201 and A2-201 and Interior Finish Legends on Drawings A1-801 and A2-801 for basis of design painted steel finishes to coordinate structural steel framing primer color(s).
9. Part 2, Paragraph 2.5, Subparagraph B | **CLARIFICATION:** Both two and three-coat fluoropolymer finishes are listed for the metal roof panels as the finish coating process varies by different manufacturers. The panel finish system to be provided shall comply with color requirements (selected by Architect from the manufacturer's full range) to provide the best color match to the basis of design color selections noted on the drawings.
10. Part 2, Paragraph 2.6, Subparagraph B | **CLARIFICATION:** Both two and three-coat fluoropolymer finishes are listed for the metal wall panels as the finish coating process varies by different manufacturers. The panel finish system to be provided shall comply with color requirements (selected by Architect from the manufacturer's full range) to provide the best color match to the basis of design color selections noted on the drawings.
11. Part 2, Paragraph 2.8 | **CLARIFICATION:** Refer to the Thermal Envelope section of the Energy Summary on Drawings G1-101 Administration Code Summary and G2-101 Maintenance Code Summary for the required roof and wall insulation performance requirements.

SECTION 144500 – VEHICLE LIFTS

1. Part 2, Paragraph 2.1, Subparagraph A, Item 2: **ADD** "OMER USA Inc." as Alternate Manufacturer #3 to the list of Alternate Manufacturers as follows:

	Manufacturer	City	State	Phone
ALT #3	OMER USA INC.	Atlanta	GA	(470) 275-5919

SECTION 221000 – PLUMBING AND PIPE FITTINGS

1. **DELETE** Specification Section 2210000-Plumbing and Pipe Fittings and **REPLACE** it with the **REVISED**, attached Specification Section 221000-Plumbing and Pipe Fittings dated 08/01/25. Revisions include the elimination of grooved water pipe and confirmation of silver solder on water piping; elimination of CI below slab; and elimination of PVC above slab.

SECTION 434111 – GLASS-COATED BOLTED STEEL POTABLE WATER TANKS

1. Part 1, Paragraph 1.1, Subparagraph B, Item C-1), Sub-Item b: **REVISE** "United Industries" to read as "United Industries Group, Inc."

SECTION 434113 – WELDED STEEL POTABLE WATER STORAGE TANK

1. **ADD** the attached Specification Section 43413-Welded Steel Potable Water Storage (5 pages, dated 08/04/25). This specification is provided as an acceptable contractor option for the Glass-Coated Bolted Steel Potable Water Tank specified in Section 434111. Refer also to added specification 434115-Welded Steel Potable Water Storage Tank Specification (included in this Addendum) for welded steel storage tank painting.

SECTION 434115 – WELDED STEEL POTABLE WATER STORAGE TANK PAINTING

1. **ADD** the attached Specification Section 434115-Welded Steel Potable Water Storage Tank Painting (4 pages, dated 08/04/25). This specification is provided in conjunction with added Specification Section as an acceptable contractor option for the potable water storage tank in lieu of the Glass-Coated Bolted Steel Potable Water Tank as specified in Section 434111.

DRAWINGS:

SHEET G0-001 COVER SHEET

1. **Drawing Index:** **ADD** Sheet “C6111 Site Details” to the Civil section of the Drawing Index.

SHEET C200 SITE PLAN

1. **REPLACE** Sheet C200 Site Plan with the attached, updated Sheet C200 Site Plan (Revision 1, Dated 08/04/25).

SHEET C200A SITE PLAN – ALTERNATES

1. **REPLACE** Sheet C200A Site Plan-Alternates with the attached, updated C200A Site Plan-Alternates (Revision 1, Dated 08/04/25).

SHEET C611 – SITE DETAILS

1. **ADD** the attached Sheet C611 Site Details (Revision 1, Dated 08/04/25).

SHEET C700 LANDSCAPE PLAN

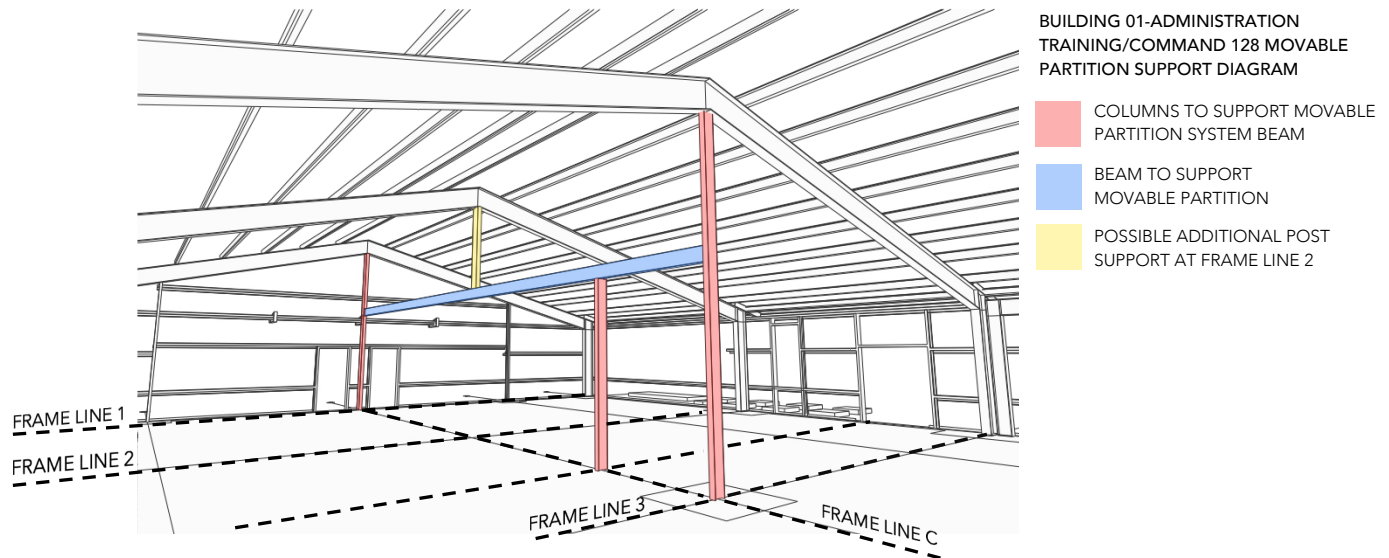
1. **REPLACE** Sheet C700 Landscape Plan with the attached, updated C700 Landscape Plan (Revision 1, Dated 08/04/25).

SHEET C700A LANDSCAPE PLAN - ALTERNATES

1. **REPLACE** Sheet C700A Landscape Plan-Alternates with the attached, updated C700A Landscape Plan-Alternates (Revision 1, Dated 08/04/25).

SHEET A1-101 ADMINISTRATION I FLOOR PLAN

1. **CLARIFICATION:** The girts along the south building elevation between Frame Line 4 and 5 change from bypass girts to flush girts at the recessed building entrance. Refer to Plan Details J6/A1-401 and J9/A1-402.
2. **CLARIFICATION:** The columns shown along Column Line C between Frame Lines 2 and 3 (as well as the column shown on Column Line C at Frame Line 1) are intended to support the beam that the Training Command 128 Movable Partition System will be attached to. These columns and beams are to be provided as part of the Pre-Engineered Metal Building System. Coordinate required loads with the Movable Partition System provider. The diagram on the next page, provided for reference only, shows the original design intent / one option of how to support the Movable Partition System beam. The final column and beam configuration is to be designed by the Pre-Engineered Metal Building System Manufacturer’s engineer of record.



SHEET A1-201 ADMINISTRATION | BUILDING ELEVATIONS

1. **REPLACE** Sheet A1-201 – Administration | Building Elevations with the attached, **UPDATED** Sheet A1-201 – Administration | Building Elevations (Revision 1, Dated 08/04/25). Drawing updated to address a graphic issue with how the south elevation covered entry is represented on the D1/A1-201 West Building Elevation and D8/A1-201 East Building Elevation.
2. **CLARIFICATION:** The P3C metal panels shown on Building 02-Maintenance Building above the Bay 201A, 201B, 201C, and 201D coiling doors are to have the same finish / match the wood grain finish of the P3C and P4C metal panels on the Building 01-Administration Building. Panels P3C and P4C are also used at the southeast corner of Building 02-Maintenance Building. The P3C and P4C metal panels are included in Specification Section 074213- Formed Metal Wall Panels.

SHEET A1-211 ADMINISTRATION | BUILDING SECTIONS

1. **REPLACE** Sheet A1-211 – Administration | Building Sections with the attached, **UPDATED** Sheet A1-211 – Administration | Building Sections (Revision 1, Dated 08/04/25). Drawing updated to address a graphic issue with how the south elevation covered entry is represented on the C1/A211 Building Section.
2. **Detail E7/A1-211 Reference PEMB Perspective | CLARIFICATION:** The frame/columns shown on the Reference PEMB Perspective are represented as straight/vertical columns. The pre-engineered metal building engineer of record that prepares the final engineered drawings for this building may choose to use tapered columns. If tapered columns are used, the Contractors and Design Team will to coordinate final column depth to work within the column wrap conditions shown on the A1-101 Floor Plan and A1-400 Series Enlarged Plan Details.

SHEET A1-701 ADMINISTRATION | DOORS, WINDOWS, AND SIGNAGE

1. **Door Schedule | CLARIFICATION:** The 'wood-look finish' noted in the Remarks Column of the Door Schedule for Door 101A is in intended to refer to a faux-wood finish similar to/matching the faux-wood metal finish on Wall Panels P3C and P4C. Refer to Exterior Finish Legend on Drawing A1-201 for the basis of design reference for these panels.
2. **Detail H1/A1-701 – Door and Frame Elevations:**
 - a. **CLARIFICATION:** Exterior Storefront Doors (Designations SF1 and SF2) are to have 1" insulated glazing.
 - b. **CLARIFICATION:** Interior Storefront Door (Designation SF3) is to have 1" insulated glazing.
 - c. **CLARIFICATION:** Interior Storefront Frame (Designation SFF2) is to have 1" insulated glazing.

SHEET A1-801 ADMINISTRATION | FINISHES

1. **CLARIFICATION:** Refer to the Remarks Column on the Finish Schedule for Solid Surface Countertop finish designations/locations.

SHEET A2-101 MAINTENANCE | FLOOR PLAN

SHEET A2-102 MAINTENANCE | MEZZANINE PLAN AND LOW RCP

SHEET A2-111 MAINTENANCE | REFLECTED CEILING PLAN

SHEET S2-101 MAINTENANCE SLAB AND FOUNDATION PLAN

SHEET S2-102 MAINTENANCE MEZZANINE PLAN

1. **BUILDING DIMENSION CLARIFICATION:** The dimensions on the architectural and structural plans reference different points but reflect the same building size based on expected structure and girt sizes.
 - a. **End Wall Conditions:** The architectural plans dimension the numbered frame lines to the frame centerline with 12" to the outside face of the girt at the end walls, resulting in the dimensions shown on the structural plans.
 - b. **Sidewall Conditions:** The sidewalls are dimensioned to the outside face of frame and assume an 8" girt depth, resulting in the dimensions shown on the structural plans.
 - c. If girt and steel sizes vary from the basis of design expectations, then the structural frame lines shall govern.

SHEET A2-101 MAINTENANCE I FLOOR PLAN

1. **CLARIFICATION:** Frame line 5 needs to be engineered by the pre-engineered metal building engineer of record to be a primary frame to allow for future expansion.
2. **CLARIFICATION:** Columns C-7 and E-7 shown along Frame Line 7 are required columns. Electrical and compressed air services will be run down these columns with emergency lighting also shown attached. Refer to Drawings E2-101, E2-103, and QS-100.
3. **CLARIFICATION:** The Wall Type A4 walls at the plan north and plan east sides of Warehouse 211 extend to the roof with a full height fabric liner system on both sides of the A4 Walls. PEMB columns within the A4 walls will be full height columns.
 - a. The top of the metal liner panels on the Warehouse 211 side of these walls is 17'-0" AFF (matching the plan south and plan west walls of Warehouse 211). Refer to Building Sections G1/A2-211 and J1/A2-211.
 - b. The top of the metal liner panel on the east side (Bay 201C side) of the A4 Wall along Frame Line 6 is at 12'-2" AFF. Refer to Building Section G8/A2-211.
4. **CLARIFICATION:** The top of the metal liner panels at the plan north, plan south, and plan west walls of Fabrication Shop 202 is 17'-0" AFF. Refer to Building Section G8/A2-211.

SHEET A2-102 MAINTENANCE I MEZZANINE PLAN AND LOW RCP

1. **CLARIFICATION:** Parts Mezzanine 250 should be included as part of the Building 02-Maintenance Building pre-engineered metal building delegated design, engineering, and construction scope of work.

SHEET A2-201 MAINTENANCE I BUILDING ELEVATIONS

1. **Detail J1/A2-201 South Building Elevation I CLARIFICATION:** Exterior Louvers L04 (x2) and L05 shown on the south elevation are required. Exhaust Fans EF-2B.1, EF-2B.2, and EF-2C (provided by the Mechanical Contractor) are designed to terminate at the back of the louvers provided by the General Contractor. These three exhaust fans have gravity backdraft dampers that do not provide a finished exterior appearance. Refer to Drawing A2-701 for enlarged elevations of these louvers.
2. **CLARIFICATION:** The Pre-Engineered Entry Canopy is intended be included as part of the Building 02-Maintenance Building pre-engineered metal building delegated design, engineering, and construction scope of work. Refer to Detail D9/A2-402 for details.

SHEET A2-211 MAINTENANCE I BUILDING SECTIONS

1. **DETAIL G1/A2-211 Longitudinal Building Section North: REVISE** the room name and number of the space between Frame Lines 5 and 6 to read as "Fabrication Shop 202".

SHEET A2-801 MAINTENANCE I FINISHES

1. **CLARIFICATION:** Refer to the Remarks Column on the Finish Schedule for Solid Surface Countertop finish designations/locations.

SHEET S0-101 STRUCTURAL NOTES

1. **REPLACE** Sheet S0-101 – Structural Notes with the attached, **UPDATED** Sheet S0-101 – Structural Notes (Revision 1, Dated 08/04/25).

SHEET S2-101 MAINTENANCE SLAB AND FOUNDATION PLAN

1. **REPLACE** Sheet S2-101 – Maintenance Slab and Foundation Plan with the attached, **UPDATED** Sheet S2-101 – Maintenance Slab and Foundation Plan (Revision 1, Dated 08/04/25).

SHEET S2-102 MAINTENANCE MEZZANINE PLAN

1. **REPLACE** Sheet S2-102 – Maintenance Mezzanine Plan with the attached, **UPDATED** Sheet S2-102 – Maintenance Mezzanine Plan (Revision 1, Dated 08/04/25).

SHEET E0-002 POWER RISER DIAGRAM ELECTRICAL SITE PLAN

1. **REPLACE** Sheet E0-002 – Power Riser Diagram Electrical Site Plan with the attached, **UPDATED** E0-002 – Power Riser Diagram Electrical Site Plan (Revision 1, Dated 08/01/25).

SHEET E0-002 POWER RISER DIAGRAM ELECTRICAL SITE PLAN

1. **REPLACE** Sheet E1-102 – Admin Building Power Plan with the attached, **UPDATED** E1-102 – Admin Building Power Plan (Revision 1, Dated 08/01/25).

SHEET P0-001 PLUMBING NOTES, LEGEND & SCHEDULE

1. **CLARIFICATION:** The Plumbing General Note 23 description of PVC piping below slab and cast iron piping above slab is correct as written. Cast iron piping required for the project's return air plenum design. No wastewater above 140 degrees to warrant cast iron below slab.

ATTACHMENTS:

Section 000008 Form of Proposal (5 Pages, Dated 08/04/25)
Section 221000 Plumbing Pipe and Fittings (2 Pages, Dated 08/01/25)
Section 434113 Welded Steel Potable Water Storage Tank (5 Pages, Dated 08/04/25)
Section 434115 Welded Steel Potable Water Storage Tank Painting (4 Pages, Dated 08/04/25)
Drawing Sheet C200 Site Plan (Revision 1, Dated 08/04/25)
Drawing Sheet C200A Site Plan-Alternates (Revision 1, Dated 08/04/25)
Drawing Sheet C611 Site Details (Revision 1, Dated 08/04/25)
Drawing Sheet C700 Landscape Plan (Revision 1, Dated 08/04/25)
Drawing Sheet C700A Landscape Plan-Alternates (Revision 1, Dated 08/04/25)
Drawing Sheet A1-201 Administration | Building Elevations (Revision 1, Dated 08/04/25)
Drawing Sheet A1-211 Administration | Building Sections (Revision 1, Dated 08/04/25)
Drawing Sheet S0-101 Structural Notes (Revision 1, Dated 08/04/25)
Drawing Sheet S2-101 Maintenance Slab and Foundation Plan (Revision 1, Dated 08/04/25)
Drawing Sheet S2-102 Maintenance Mezzanine Plan (Revision 1, Dated 08/04/25)
Drawing Sheet E0-002 Power Riser Diagram Electrical Site Plan (Revision 1, Dated 08/01/25)
Drawing Sheet E1-102 Admin Building Power Plan (Revision 1, Dated 08/01/25)

END ADDENDUM NO. 1

Submitted by: **Paul Stewart, AIA**
Williard Stewart Architects, PA
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(919) 740-5521 | (919) 834-2149 (Fax)

CC: Attendees of July 15, 2025 Pre-Bid Meeting [Mandatory for Interested General Contractors]
General Contractor Distribution List - Contractors and Subcontractors that Requested Project Documents from WSA (Various)
Plan Room / Plan Services (Dodge Data & Analytics/Construction.com, HCAC, Construct Connect, NCIMED)
NC Department of Agriculture & Consumer Services
Design Team (Timmons Group, Ross Linden Engineers, IMEG, HDR)
File

FORM OF PROPOSAL

Project: North Carolina Forest Service
Region 1 Headquarters

Contract: _____

Bidder: _____

SCO-ID#: 19-20001-02A

Date: _____

The undersigned, as bidder, hereby declares that the only person or persons interested in this proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into; that this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud. The bidder further declares that he has examined the site of the work and the contract documents relative thereto, and has read all special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed. The bidder further declares that he and his subcontractors have fully complied with NCGS 64, Article 2 in regards to E-Verification as required by Section 2.(c) of Session Law 2013-418, codified as N.C. Gen. Stat. § 143-129(j).

The Bidder proposes and agrees if this proposal is accepted to contract with the

State of North Carolina through the Department of Agriculture and Consumer Services

in the form of contract specified below, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of the

North Carolina Forest Service Region 1 Headquarters

in full in complete accordance with the plans, specifications, and contract documents, to the full and entire satisfaction of the

State of North Carolina, and the North Carolina Dept of Agriculture & Consumer Services and Williard Stewart Architects, PA with a definite understanding that no money will be allowed for extra work except as set forth in the General Conditions and the contract documents, for the sum of:

SINGLE PRIME CONTRACT

Base Bid:

Dollars (\$) _____

General Subcontractor:

Lic _____

Plumbing Subcontractor:

Lic _____

Mechanical Subcontractor:

Lic _____

Electrical Subcontractor:

Lic _____

GS143-128(d) requires all single prime bidders to identify their subcontractors for the above subdivisions of work. A contractor whose bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (i) if the listed subcontractor's bid is later determined by the contractor to be non-responsible or non-responsive or the listed subcontractor refuses to enter into a contract for the complete performance of the bid work, or (ii) with the approval of the awarding authority for good cause shown by the contractor.

ALTERNATES

Should any of the alternates as described in the contract documents be accepted, the amount written below shall be the amount to be "added to" or "deducted from" the base bid. (Strike out "Add" or "Deduct" as appropriate.)

GENERAL CONTRACT:

Alternate No. G-1: Provide Building 02-Maintenance Building Covered Storage Extension, including all associated equipment, architectural, structural, plumbing, mechanical, electrical, and fire protection systems.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. G-2: Provide Owner Preferred Alternate for Door Hardware in Both Buildings.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. C-1: Extend Sitework, including grading, clearing, gravel, perimeter fencing, and site lighting. Add mow strip under all perimeter fencing.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. C-2: Provide ornamental fencing and gates in lieu of black PVC coated chain link fencing and gates for the plan south and plan east portions of the Base Bid operations yard fencing.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. C-3: Provide ornamental fencing in lieu of black PVC coated chain link fencing for the plan east fencing associated with Alternate C-1.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. E-1: Alternate to provide shop drawings, installation, testing, and Owner training of a Bi-Directional Antenna System (BDA) in Building 01-Administration Building.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

Alternate No. E-2: Alternate to provide shop drawings, installation, testing, and Owner training of a Bi-Directional Antenna System (BDA) in Building 02-Maintenance Building.

[Deduct] ☐

[Add] ☐ _____ Dollars (\$) _____

UNIT PRICES

Unit prices quoted and accepted shall apply throughout the life of the contract, except as otherwise specifically noted. Unit prices shall be applied, as appropriate, to compute the total value of changes in the base bid quantity of the work all in accordance with the contract documents.

No. 1: Unsuitable Soils Removal in Open Areas, Off-Site Disposal, and Replacement with Off-Site Suitable Fill Soil in Open Areas. (Cu. Yd.) Unit Price (\$) _____

No. 2: Unsuitable Soils Removal in Trenches and/or Pits, Disposal Off-Site, and Replacement with Off-Site Suitable Fill Soil in Trenches and/or Pits. (Cu. Yd.) Unit Price (\$) _____

No. 3: Unsuitable Soil Removal in Open Areas, Off-Site Disposal, and Replacement with Off-Site Aggregate Base Course (ABC) Stone in Open Areas. (Cu. Yd.) Unit Price (\$) _____

No. 4: Unsuitable Soils Removal in Trenches and Pits, Disposal Off-Site, and Replacement with Off-Site Aggregate Base Course (ABC) Stone. (Cu. Yd.) Unit Price (\$) _____

No. 5: Biaxial Geo-Grid in Place. (Cu. Yd.) Unit Price (\$) _____

No. 6: 12-Inch Precast, Prestressed Concrete Piles Installed. (Linear Feet) Unit Price (\$) _____

The bidder further proposes and agrees hereby to commence work under this contract on a date to be specified in a written order of the designer and shall fully complete all work thereunder within the time specified in the Supplementary General Conditions Article 23. Applicable liquidated damages amount is also stated in the Supplementary General Conditions Article 23.

MINORITY BUSINESS PARTICIPATION REQUIREMENTS

Provide with the bid - Under GS 143-128.2(c) the undersigned bidder shall identify **on its bid** (Identification of Minority Business Participation Form) the minority businesses that it will use on the project with the total dollar value of the bids that will be performed by the minority businesses. **Also** list the good faith efforts (Affidavit **A**) made to solicit minority participation in the bid effort.

NOTE: A contractor that performs all of the work with its own workforce may submit an Affidavit (**B**) to that effect in lieu of Affidavit (**A**) required above. The MB Participation Form must still be submitted even if there is zero participation.

After the bid opening - The Owner will consider all bids and alternates and determine the lowest responsible, responsive bidder. Upon notification of being the apparent low bidder, the bidder shall then file within 72 hours of the notification of being the apparent lowest bidder, the following:

An Affidavit (**C**) that includes a description of the portion of work to be executed by minority businesses, expressed as a percentage of the total contract price, which is equal to or more than the 10% goal established. This affidavit shall give rise to the presumption that the bidder has made the required good faith effort and Affidavit **D** is not necessary;

*** OR ***

If less than the 10% goal, Affidavit (**D**) of its good faith effort to meet the goal shall be provided. The document must include evidence of all good faith efforts that were implemented, including any advertisements, solicitations and other specific actions demonstrating recruitment and selection of minority businesses for participation in the contract.

Note: Bidders must always submit **with their bid** the Identification of Minority Business Participation Form listing all MB contractors, vendors and suppliers that will be used. If there is no MB participation, then enter none or zero on the form. Affidavit A **or** Affidavit B, as applicable, also must be submitted with the bid. Failure to file a required affidavit or documentation with the bid or after being notified apparent low bidder is grounds for rejection of the bid.

PROPOSAL SIGNATURE PAGE

The undersigned further agrees that in the case of failure on his part to execute the said contract and the bonds within ten (10) consecutive calendar days after being given written notice of the award of contract, the certified check, cash or bid bond accompanying this bid shall be paid into the funds of the owner's account set aside for the project, as liquidated damages for such failure; otherwise the certified check, cash or bid bond accompanying this proposal shall be returned to the undersigned.

Respectfully submitted this day of _____

(Name of firm or corporation making bid)

WITNESS:

(Proprietorship or Partnership)

By: _____
Signature

Name: _____
Print or Type

Title: _____
(Owner / Partner / Pres. / V. Pres)

Address: _____

ATTEST:

By: _____ License No: _____

Title: _____ Federal I.D. No: _____
(Corp. Sec. or Asst. Sec. only)

Email Address: _____

Addendum received and used in computing bid:

Addendum No. 1 _____ Addendum No. 3 _____ Addendum No. 5 _____ Addendum No. 7 _____

Addendum No. 2 _____ Addendum No. 4 _____ Addendum No. 6 _____ Addendum No. 8 _____

SECTION 221000 – PLUMBING PIPE AND FITTINGS

A. GENERAL

1. This section includes all pipe, pipe fittings, hangers, and supports, etc. as may be required to provide a complete water plumbing system.
2. The actual arrangement of the piping shall follow the general locations shown on the drawings, such that clearances, line drainage, etc. shall be maintained.

B. PRODUCT

1. Domestic Water Pipe and Pipe Fittings
 - a. Copper Pipe
 - i. Water piping above grade shall be Type “L” hard drawn copper. Water piping below grade shall be Type “K” soft drawn. Pipe shall conform to ASTM B-88 Specification.
 - ii. Water piping fittings shall be sweat type wrought copper conforming the ANSI-B16.22, ASME B16.18, or ASTM B584 Specification.
 - iii. Use silver solder on all piping.
 - iv. All piping systems shall be hydrostatically tested at 150 psi for a period of 48 hours without loss of pressure. Any leaks that occur shall be repaired and another test started.
 2. Storm, Sanitary Waste and Vent Pipe and Pipe Fittings
 - a. Cast Iron Pipe
 - i. Building sanitary sewer, storm, and vent lines above grade shall be cast iron with no hub joints with stainless steel bands.
 - ii. Cast iron fittings to conform to piping specifications.
 - iii. Waste pipe shall be tested at each floor. A test tee will be installed below each floor and pipe will be filled with water for a height of 10’ above finished floor. The pipe shall be gas and water tight. Water shall stand in the system for a period of 3 hours without evidence of leakage.
 - iv. Horizontal roof drain leaders above grade shall be insulated with 1” fiberglass.
 - v. Waste piping, above ceilings, from floor drains shall be insulated with 1” fiberglass.
 - b. PVC Pipe
 - i. Building sanitary sewer and storm lines below grade shall be schedule 40 PVC-DWV conforming to ASTM D-2665-68.
 - ii. PVC fittings to conform to piping specifications.

- iii. Joints for PVC piping shall be made using the piping manufacturer's approved solvent cement.
- iv. Waste pipe shall be tested at each floor. A test tee will be installed below each floor and pipe will be filled with water for a height of 10' above finished floor. The pipe shall be gas and water tight. Water shall stand in the system for a period of 3 hours without evidence of leakage.
- v. PVC piping is not permitted in return air plenums.
- vi. PVC piping is not permitted for dishwasher waste. Cast iron piping is to be used.

C. EXECUTION

- 1. Sleeves shall be provided wherever pipes pass through walls, floors, and ceilings. Sleeves shall be Schedule 40, black steel, ½" in diameter larger than the pipe or insulation on the pipe. Sleeves through floors shall be caulked and made watertight.
- 2. In pipe chases, the Contractor shall provide for suspension of all piping from the structure. Do not allow piping to rub against masonry when expanding and contracting.
- 3. Close and protect open ends of piping until final connections are made. Such closing shall be made with fittings which cannot be easily removed. Caps or plugs shall be required at all times during construction so that no pipes are left open at the end of any day's work, even though continuation is expected the next day.
- 4. All piping and equipment installed under this Contract shall be tested in the presence of the Engineer or a designated representative of the Owner, and the proper Plumbing Inspector, proved tight for the periods stated above, or longer if required by the Inspector. Engineer shall be given 48 hour written notification of all tests.
- 5. No plumbing system or part thereof shall be covered or concealed until after it has been tested and approved. If such work has been covered or concealed before testing, it shall be exposed for testing.
- 6. All water piping shall be sterilized with chlorine, 50 milligrams per liter, and held for a 24-hour period, after which the system shall be flushed prior to being put into service. During the flushing of the system, all flush valves shall be thoroughly flushed out to insure the removal of sediment, pipe dope, etc., from water lines and flush valves, removing such working parts of the flush valves as may be deemed necessary. The system shall be drained and flushed sufficiently to provide chlorine residue of 0.2 ppm or less. The Contractor shall engage an independent laboratory to conduct bacteriological and post-chlorination test certifying that the water meets quality of the drinking water. Certification of bacteriological testing for quality of the domestic water shall be conducted, accepted by the Project Engineer, and submitted to the State Construction Office prior to request for final inspection and/or Beneficial inspection.

END OF SECTION 221000

SECTION 43 41 13 - WELDED STEEL POTABLE WATER STORAGE TANKS

PART 1 - GENERAL REQUIREMENTS

1.1 SCOPE

- A. The Contractor shall be responsible for all labor, materials and equipment necessary for the design, fabrication, construction, painting, disinfection, and testing of a welded steel water storage tank built at grade level on a concrete foundation. Design and construction of the Water Storage Tank shall conform to all requirements of AWWA D100 Standard for Welded Steel Tanks for Water Storage except as modified by the requirements of these contract documents. The Contractor may use Section 14 of the AWWA D100 as a part of the design. Tanks designed on this basis must incorporate all the provisions of this section.
- B. Related Requirements: Section 434115-Welded Steel Potable Water Storage Tank Painting.

1.2 QUALIFICATION OF CONTRACTOR

- A. The tank supplier is named as Fisher Tank Company, Batesburg Leesville, SC and is named to establish standards of quality.
 - a. Alternative Manufacturers
 - 1) Caldwell Tanks
 - 2) United Industries, Inc.

1.3 SUBMITTALS

- A. The bidder shall submit with their proposal:
 - a. A list of five (5) similar tanks constructed within the last five years including the Owner, Tank Capacity, and the Engineer.
 - b. A preliminary drawing of the tank showing major dimensions and plate thickness upon which his bid is based, tank diameter, the high water level and the dimensions of the supporting foundation.
 - c. A foundation design drawing showing preliminary dimensions and approximate quantities of concrete and reinforcing steel.
 - d. No bid will be considered unless the above information is provided with the bid.

1.4 STANDARD SPECIFICATIONS

- A. All work on the water storage tank shall fully conform to the requirements of the latest published editions of the following Standard Specifications:
 - a. AWWA (American Water Works Association) D100 Standard for Welded Steel Tanks for Water Storage.
 - b. AWWA D102 - Standard for Painting Steel Water Storage Tanks.
 - c. AWWA C652 - Standard for Disinfection of Water Storage Facilities.
 - d. AWS (American Welding Society)
 - e. NSF (National Sanitation Foundation) 61 - Materials in contact with Potable Water.
 - f. Steel Structures Painting Council Manual - Volume 1 - Good Painting Practice
 - g. Steel Structures Painting Council Manual - Volume 2 - Systems and Specifications.
 - h. ACI 318 - Building Code Requirements for Reinforced Concrete
 - i. ACI 301 - Standard Specification for Structural Concrete

1.5 TANK DETAILS

- A. The tank shall be all-welded construction of the most economical design. All members of structural steel or of reinforced concrete shall be designed to safely withstand the maximum stresses to which they may be subjected during erection and operation.
 - a. The minimum operating capacity of the storage tank will be: 218,000 US gallons.
 - b. The tank diameter will be: 33.56 feet.
 - c. The height of the tank from top of foundation to High Water Level, shall be: 33.01 feet.
 - d. Top of foundation elevation shall be: 139.25 feet.

1.6 PERMITS AND EASEMENTS

- A. Permits, licenses, airspace authority approval and easements required for the construction of the reservoir and associated work shall be provided by the Owner.

1.7 WORKING DRAWINGS

- A. After contract award and prior to construction, the Contractor shall provide working drawings and design calculations for the steel tank and the foundation. Drawings shall show the size and location of all structural components and reinforcement, the required strength and grade of all materials and the size and arrangement of principle piping and equipment. The drawings and calculations shall bear the certification of a professional Engineer. The design coefficients and resultant loads for snow, wind and seismic forces, and the methods of analysis shall be documented.

PART 2 - DESIGN:

2.1 GENERAL

- A. The structural design of the storage tank shall conform to the following design standards except as modified or clarified as follows:
 - a. Foundations - AWWA D100 and ACI 318 - Building Code Requirements for Reinforced Concrete.
 - b. Steel Tank - AWWA D100
 - c. The Contractor may use Section 14 of the AWWA D100 as a part of the design. Tanks designed on this basis must incorporate all the provisions of this section.
 - d. Steel Tank Painting - AWWA D102

2.2 LOADS

2.2.1 Seismic Load:

- A. Design in accordance with AWWA D100-96, Section 13. The following factors shall be used:
 - Z= Zone 1 (Seismic Zone Factor)All other factors shall be in accordance with Section 13.

2.2.2 Wind Load:

- A. Wind pressure shall be determined in accordance with AWWA D100-96, Section 3.1.4 for a 100 MPH wind velocity. For tanks located in coastal regions, Owner's Engineer shall consider use of increased wind load.

2.2.3 Snow Load:

- A. Snow load shall be determined in accordance with AWWA D100-96, Section 3.1.3 for 30 psf minimum loading.

2.3 FOUNDATION:

- A. A Geotechnical investigation has been carried out at the site and a copy of the report is included with the Contract Documents. Allowable bearing capacities are defined in this report. The Owner shall retain the services of the Geotechnical consultant to verify the adequacy of the bearing stratum after the Contractor has carried out the excavation and before any concrete or reinforcement is placed. The concrete foundation shall be designed and constructed by the Contractor based upon the recommendations contained in the Geotechnical report.

2.4 STEEL TANK:

2.4.1 General:

- A. The materials, design, fabrication, erection, welding, testing and inspection of the steel tank shall be in accordance with the applicable sections of AWWA D100 except as modified in this document.

2.4.2 Minimum Plate Thickness:

- A. The minimum thickness for any part of the structure shall be 1/4 inch for parts not in contact with water and 1/4 inch for parts in contact with water. For tanks whose diameter is 60' (ft) or greater, minimum shell thickness is 5/16 inch.

2.4.3 Tank Roof:

- A. The tank roof shall be a self-supported knuckle umbrella roof. The knuckle plates shall be pressed in both horizontal and vertical both directions for a smooth even transition as to obtain an aesthetically pleasing appearance. All interior roof lap joints will be sealed by means of continuous seal welding. If the roof is stiffened with rafters, the rafters shall be seal welded to the roof plates. All penetrations of roof accessories inside the tank will be sealed welded also. The minimum thickness for roof plates not in contact with water will be 1/4 inch.

PART 3 - CONSTRUCTION:

3.1 CONCRETE FOUNDATION:

- A. The foundation shall be designed and constructed to safely and permanently support the structure. The basis of the foundation construction shall be commensurate with the soils investigation data included herein at the end of these specifications. Appropriate changes to construction schedule and price will be negotiated if, during excavation, soil conditions are encountered which differ from those described in geotechnical report. The concrete foundation shall be constructed in accordance with ACI 301.

3.2 STEEL TANK CONSTRUCTION:

3.2.1 General:

- A. The erection of the steel tank shall comply with the requirements of Section 10 of AWWA D100 except as modified by these documents.

3.2.2 Welding:

- A. All field welding shall conform to AWS and Section 10, AWWA D100. Before any welding is performed, the constructor shall make certain that the welders or welding operators have their credentials for acceptance.

3.2.3 Fabrication:

- A. All fabrication and shop assembly shall conform to the requirements of AWWA D100, Section 9, Shop Fabrication.

3.2.4 Erection:

- A. Plates subjected to stress by the weight or pressure of the contained liquid shall be assembled and welded in such a manner that the proper curvature of the plates in both directions is maintained. Plates shall be assembled and welded together by a procedure that will result in a minimum of distortion from weld shrinkage.
- B. Joints in bottom of tank shall be continuously lap welded on top side only. The bottom ring of the tank wall shall be continuously welded to the floor plate both inside and outside.

3.2.5 Testing:

- A. Testing for both shop and field welds shall be in accordance with AWWA D100, Section 11, Inspection and Testing. All testing, except for hydrostatic testing, shall be performed prior to interior and exterior field painting. The testing shall be performed by an independent testing agency with all cost included in the Contractor's bid and paid by the Contractor. Hydrostatic testing shall be conducted with the first fill of the tank after the application of tank coatings.

PART 4 - ACCESSORIES:

4.1 GENERAL:

- A. The following accessories shall be provided in accordance with these specifications. All items shall be in full conformity with the current applicable OSHA safety regulations and the operating requirements of the structure.

4.2 LADDERS:

- A. An exterior tank ladder shall be attached to the tank shell extending from approximately 8' above top of foundation to the top of the shell. Ladder side rails shall be a minimum 3/8 inch by 2 inches with a 16 inch clear spacing. Rungs shall be not less than 3/4 inch, round or square, spaced at 12 inch centers. The surface of the rungs shall be knurled, dimpled or otherwise treated to minimize slipping. Ladders shall be secured to the tank by brackets located at intervals not exceeding 10 feet. Brackets shall be of sufficient length to provide a minimum distance of 7 inches from the center of the rung to the nearest permanent object behind the ladder.

4.3 FALL PROTECTION:

- A. Ladders shall be equipped with a fall arrest system meeting OSHA regulations. The system shall be supplied complete with safety harnesses, locking mechanisms, lanyards and accessories for two persons.

4.4 OPENINGS:

4.4.1 Roof Hatches:

- A. Provide two (2) access hatches on the roof of the tank. One hatch shall be 24 inch square and allow access from the roof to the interior of the tank. The hatch will be hinged and equipped with a hasp for locking. The hatch cover shall have a 2 inch downward edge. The second hatch will be 24 inch diameter and flanged with a removable cover so constructed that an exhaust fan may be connected for ventilation during painting operations. The openings shall have a minimum 4 inch curb.

4.4.2 Tank Vent:

- A. The tank vent shall be centrally located on the tank roof above the maximum weir crest elevation. The tank vent shall have an intake and relief capacity sufficiently large that excessive pressure or vacuum will not develop during maximum flow rate. The vent shall be designed,

constructed and screened so as to prevent the ingress of wind driven debris, insects, birds and animals. The vent shall be designed to operate when frosted over or otherwise clogged. The screens or relief material shall not be damaged by the occurrence and shall return automatically to operating position after the blockage is cleared.

4.4.3 Shell Access Manhole:

- A. One shell manholes shall be provided near grade level to allow access to the tank interior. One shell manway to be 30". The manhole lid shall be hinged or otherwise self-supported and open outward.

4.5 RIGGING:

- A. Pipe couplings with plugs in the roof or other attachments that provide complete access for painting shall be furnished.

4.6 PIPING:

4.6.1 Inlet/Outlet Piping:

- A. The inlet/outlet pipe connection to the tank shell shall be a: 8-inch ductile iron pipe.

4.6.2 Overflow:

- A. The overflow pipe shall be designed to carry the maximum design flow rate of: 150 GPM. The 8-inch overflow pipe shall be schedule 80 PVC. A suitable weir shall be provided inside the tank with the crest located at High Water Level. The overflow pipe shall extend from the conical weir and down the exterior of the tank terminating approximately 1 to 2 feet above grade and discharge onto a concrete splash pad. The point of discharge shall have a 45 degree elbow and be equipped with a stainless steel screen.

4.7 IDENTIFICATION PLATE:

- A. A tank identification plate shall be mounted above a shell manhole. The identification plate shall be corrosion resistant and contain the following information.
 - a. Tank Contractor
 - b. Contractor's Project or File Number
 - c. Tank Capacity
 - d. Tank Diameter and Height to High Water Level
 - e. Date Erected

PART 5 - GUARANTEE:

- A. The tank Contractor shall guarantee its work for a period of one year from the completion date defined in the contract documents to the extent that it will repair any defects caused by faulty design, workmanship or material furnished under the specifications. If Contractor is not advised of any defects within 30 days of end of guarantee period, guarantee shall be considered fulfilled and complete. Defects caused by damaging service conditions such as electrolytic, chemical, abrasive or other damaging service conditions are not covered by this guarantee.
- B. All guarantees obtained by the tank Contractor from the manufacturer or installer of paint, equipment or accessories not manufactured by tank Contractor shall be obtained for the benefit of the Purchaser.

END OF SECTION 431113

SECTION 43 41 15 - WELDED STEEL POTABLE WATER STORAGE TANK PAINTING

PART 1 - PAINTING:

1.1 GENERAL:

- A. The items covered by this Section include cleaning, abrasive blast cleaning and painting of all interior and exterior steel surfaces. Work also includes disinfection of the tank after coating.
- B. Related Requirements: Section 434113-Welded Steel Potable Water Storage Tank.

1.2 REFERENCE STANDARDS:

- A. Work performed and materials used must comply with the latest revisions of the following standards:
 - a. AWWA(American Water Works Association) D100 Standard for Welded Steel Tanks for Water Storage.
 - b. AWWA D102 Standard for Painting Steel Water Storage Tanks.
 - c. AWWA C652 Standard for Disaffection of Water Storage Facilities.
 - d. NSF (National Sanitation Foundation) 61 - Materials in contact with Potable Water.
 - e. Steel Structures Painting Council Manual - Volume 1 - Good Painting Practice
 - f. Steel Structures Painting Council Manual - Volume 2 - Systems and Specifications.

1.3 SUBMITTALS:

- A. Before beginning the work the contractor shall provide the Engineer with the following information:
 - a. Name of the protective coating supplier and manufacturers data for the paint systems being used.
 - b. A listing of the specific products proposed for use including but not limited to: abrasive materials, paint, solvents, thinners, etc.
 - c. Product data sheets for each of the proposed materials.
 - d. Samples of the color specified for owner approval.

1.4 QUALITY CONTROL:

- A. Only paint and painting materials as specified shall be used.
- B. Paint shall be delivered in unbroken containers bearing the designated name, specification number, color, directions for use, manufacturer and date of manufacture.
- C. All manufacturers' instructions shall be carefully followed in the preparation, application, curing or drying and handling of the paint.
- D. All prime, intermediate and finish coating materials shall be applied in different color shades.
- E. Paint shall be stored in a location that is protected from the elements, well ventilated and free from excessive heat or open flame sources.
- F. The contractor shall obtain the Inspector's written approval of the steel surface preparation and of each coat of paint, before applying succeeding coats. Such approval will not relieve the contractor of his obligations under the contract. Inspections may be waived by written notice to the contractor.
- G. The contractor shall record environmental conditions, at the beginning of each daily operation, thirty minutes before painting beings and every hour during painting operations, on the attached Environmental Conditions Report.

- H. Painting shall be performed by skilled painters using the materials and methods specified.
- 1.5 HEALTH AND SAFETY:
- A. The Contractor shall comply with all regulations as established by the Occupational Safety and Health Act and other government authorities. Up to date Material Safety Data Sheets shall be available on site for all products used. Workers shall wear proper protection devices. Where ventilation is used, all equipment shall be explosion proof. Temporary ladders and scaffolding systems shall conform to applicable safety requirements. It shall be the responsibility of the Contractor to adequately protect, shield or cover all structure, machinery, equipment and openings as required to prevent damage or contamination from the work procedures. The work area shall be kept clean at all times, consistent with the type of work being performed.
- 1.6 TESTING:
- A. Dry Coating thickness measurements shall be made using a Magnetic Gauge. Tolerances to be in accordance with SSPC-PA 2 Measurement of Dry Coating Thickness with Magnetic Gauges. Additional coats shall be applied as required to obtain the specified thickness. The Contractor will be required to perform Holiday Testing as soon as the work is sufficiently cured according to the manufacturer's recommendations. All pinholes and deficiencies will be repaired.
- 1.7 Site Conditions:
- A. The Contractor shall ensure that surface and ambient conditions are in accordance with the manufacturer's instructions immediately prior to and during application and for the period of curing. No paint shall be applied when the surrounding air temperature as measured in the shade is above or below the manufacturers specifications. No paint shall be applied when the temperature of the surface to be painted is below manufacturer's recommended application temperature. Painting shall not be applied to wet or damp surfaces or when the ambient temperature is less than 5 degrees above the dew point.

PART 2 - SURFACE PREPARATION:

- 2.1 INTERIOR SURFACE PREPARATION:
- A. Remove all oil or greasy contamination from the surface prior to blast cleaning. All interior wet surfaces shall be abrasive blast cleaned to a SSPC SP-10 Near White Finish with a surface profile compatible with the paint manufacturer's recommendations. Interior dry surfaces shall be cleaned to a SSPC SP-6 Commercial Finish. Immediately after blasting and before any rusting occurs, apply one coat of shop primer as per the interior paint specifications.
- 2.2 EXTERIOR SURFACE PREPARATION:
- A. Remove all oil or greasy contamination from the surface prior to blast cleaning. All surfaces shall be abrasive blast cleaned to a SSPC SP-6 Commercial Finish with a surface profile compatible with the paint manufacturer's recommendations. Immediately after blasting and before any rusting occurs, apply one coat of shop primer as per the exterior paint specifications.
- 2.3 FINAL SURFACE PREPARATION:

- A. After erection and prior to field touch up, all surfaces shall be cleaned to remove all surface contamination including oil, grease, dust, dirt and foreign matter. Weld slag, weld spatter and other sharp or rough projections shall be removed. All rusted, abraded and unpainted areas on the interior wet area shall be abrasive blast cleaned to a near white finish in accordance with SSPC SP-10. All other rusted, abraded and unpainted areas shall be either abrasive blast or mechanically cleaned to a SSPC SP-6 Commercial Finish.
- 2.4 PAINT APPLICATION:
- A. Coating materials to be applied in successive coats as specified by the manufacturer to attain the required dry film thickness for each system. Coatings to be applied without sags, foreign materials contamination or blemishes.
- 2.5 SHOP PRIME:
- A. Apply prime coat after blast cleaning and prior to flash rusting. If rust appears as a result of delay in primer application the surface shall be reblasted to specified surface preparation. A six- inch strip of blasted uncoated bare steel shall be left between the primed area and the edge of the steel plate.

PART 3 - COATING SYSTEMS:

- 3.1 INTERIOR
- A. Surface preparation: SSPC-SP10/NACE 2 Near White Blast Cleaning. All unwelded seams, lapped plates, joints and other inaccessible areas will be filled. The surface shall be clean and dry before painting.
 - B. 1st Coat: Zinc Rich Aromatic Urethane applied at 2.5 – 3.5 dry mils.
 - C. Stripe Coat: NSF Approved Polyamidoamine Epoxy applied at 4.0 – 8.0 dry mils via a brush and roller application.
 - D. Finish: NSF Approved Polyamine Epoxy applied at 16.0-30.0 dry mils.
- 3.2 EXTERIOR:
- A. Surface Preparation: SSPC SP-6/NACE No. 3 Commercial Blast Cleaning
 - B. 1st Coat: Zinc Rich Aromatic Urethane applied at 2.5 – 3.5 dry mils.
 - C. 2nd Coat: Aliphatic Acrylic Polyurethane applied at 2.5 – 5.0 dry mils.
 - D. 3rd Coat: Advanced Thermoset Solution Fluoropolymer applied at 2.5 – 3.0 dry mils.
- 3.3 LETTERING/LOGO:
- A. Two additional coats of an Advanced Thermoset Solution Fluoropolymer shall be used for the lettering/ logo applied at a dry film thickness of 2.0 – 3.0 per coat.
- 3.4 CALKING:
- A. Fill all gaps between the concrete foundation and the bottom plates of the steel tank with a Modified Polyurethane. Overlap 1/8 inch on both sides of the gap.

PART 4 - CLEANUP:

- A. After completion of painting, remove all traces of splashed materials, paint droppings, and spots from finished and adjacent surfaces.

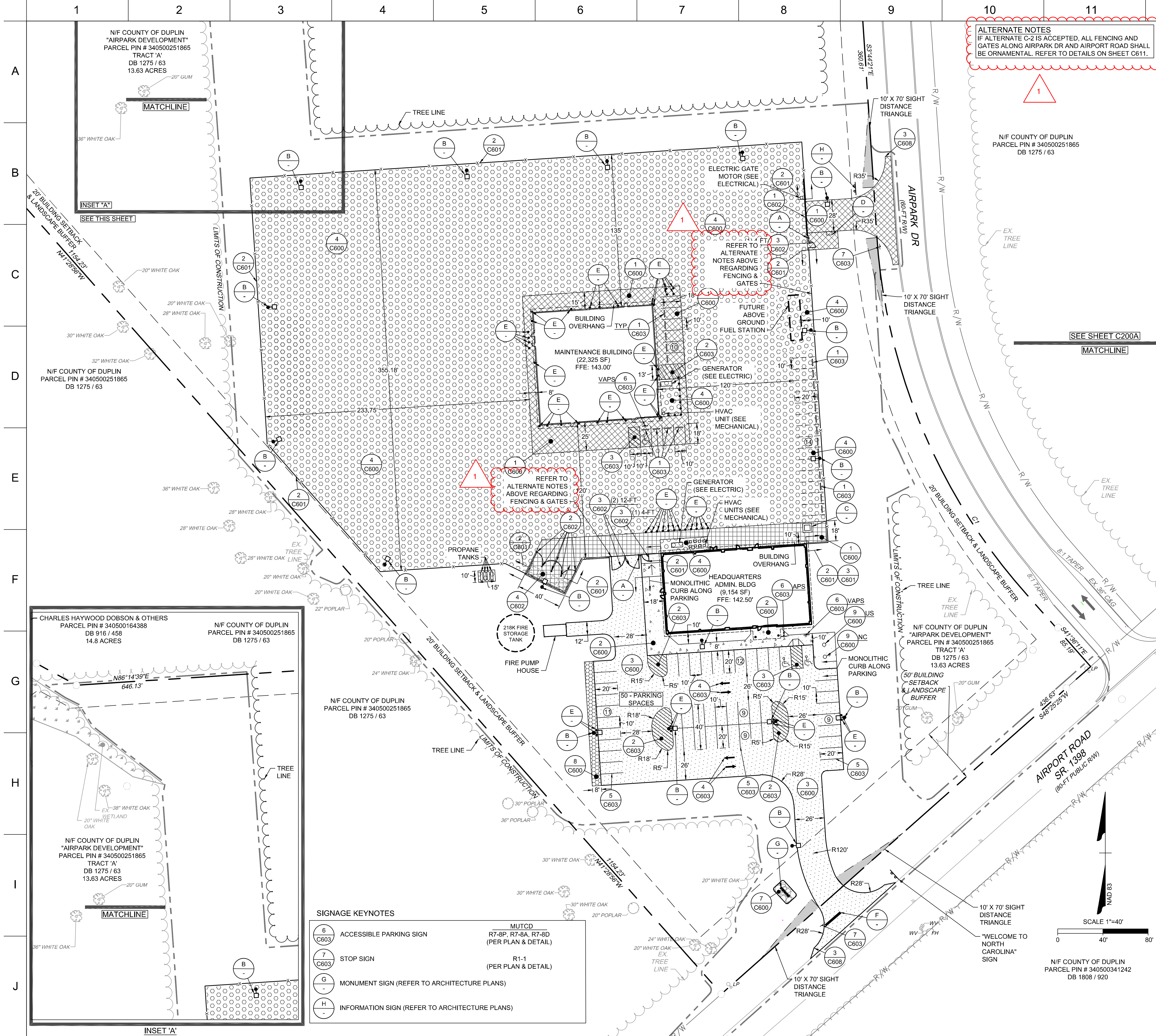
PART 5 - DISINFECTION :

- A. After painting has been completed the tank and piping shall be disinfected using either Method 2 or Method 3 as specified in AWWA C652 for Disinfection of Water Storage Facilities. The tank shall be filled with clean water furnished by the owner.

5.1 BACTERIOLOGICAL TESTING:

- A. Upon completion of the disinfection process the Owner or his representative shall arrange for bacteriological testing of water samples. The tank shall not be put into service until safe test results are obtained.

END OF SECTION 434115



ALTERNATE NOTES
IF ALTERNATE C-2 IS ACCEPTED, ALL FENCING AND GATES ALONG AIRPARK DR AND AIRPORT ROAD SHALL BE ORNAMENTAL. REFER TO DETAILS ON SHEET C611.

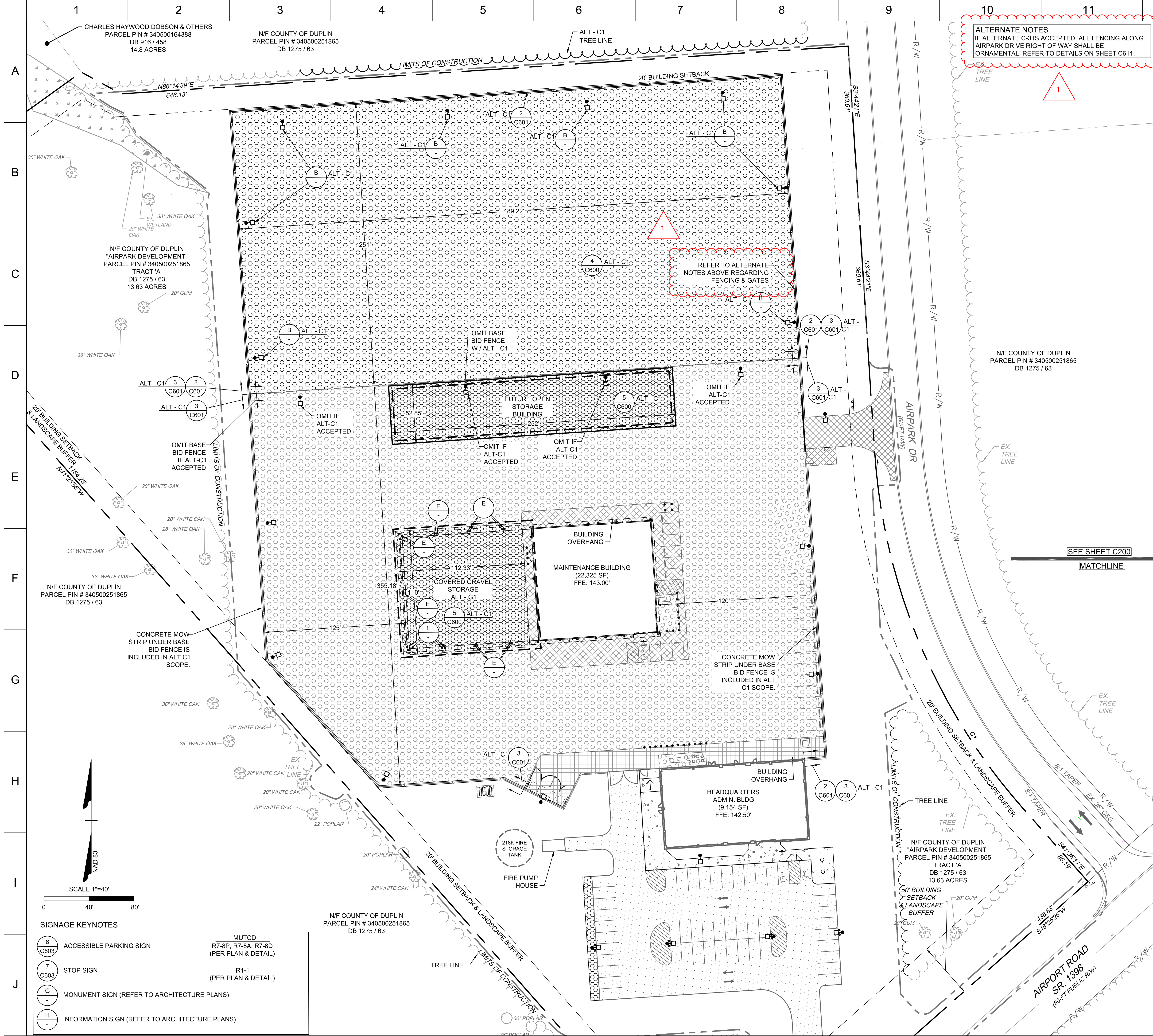
- SITE LAYOUT NOTES**
1. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSCO, DUPLIN COUNTY, NCDOT AND OSHA STANDARDS AND SPECIFICATIONS.
 2. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT, BUILDING WALL FACE OR PROPERTY LINE, UNLESS OTHERWISE NOTED.
 3. ALL RADII ARE DIMENSIONED FROM BACK OF CURB. IF NOT STATED, RADII DIMENSION IS 5'.
 4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, UTILITIES AND GRADES PRIOR TO COMMENCING ANY RELATED CONSTRUCTION.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
 6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
 7. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION OR EXCAVATION THE CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) TO HAVE EXISTING UTILITIES LOCATED. ALL PRIVATE UTILITIES SHALL BE LOCATED AS NEEDED BY A PRIVATE UTILITY LOCATE COMPANY EMPLOYED BY THE CONTRACTOR.
 8. ALL CURB AND GUTTER OFFSITE SHALL BE 30" WIDE UNLESS NOTED OTHERWISE.
 9. ALL DISTURBED CURB & GUTTER AND ASPHALT SHALL BE REPLACED PER PROJECT DETAILS AND NCDOT STANDARDS AND SPECIFICATIONS.
 10. RAISE ALL STRUCTURES AT NO ADDITIONAL COST TO THE OWNER SO THAT THE TOP OF THE STRUCTURE EQUALS THE FINISH GRADE OF THE NEW ASPHALT.
 11. COORDINATE THE PROJECT SCHEDULE WITH THE CIVIL ENGINEER AND OWNER IN ACCORDANCE WITH THE OWNER'S ONGOING ONSITE OPERATIONS. ANY UTILITY INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO THE INTERRUPTION.
 12. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT AND EXISTING ASPHALT SURFACES.
 13. ALL SIDEWALKS ARE TO HAVE NO MORE THAN A 1:20 (5.0%) SLOPE FOR THE LENGTH OF THE SIDEWALK AND NO MORE THAN A 1:50 (2.0%) SLOPE FOR THE WIDTH OF THE SIDEWALK. NOTIFY ENGINEER IF THIS CANNOT BE ACHIEVED.
 14. REFER TO GEOTECH ADDENDUM PROVIDED BY TIMMONS GROUP (5/13/2025)

- KEYNOTES**
- | | | |
|-----------|---|--|
| 1
C600 | HEAVY DUTY CONCRETE PAVEMENT | |
| 2
C600 | CONCRETE SIDEWALK | |
| 3
C600 | HEAVY DUTY ASPHALT PAVEMENT | |
| 4
C600 | GRAVEL PAVEMENT | |
| 5
C600 | GRAVEL PAD UNDER BUILDING (ALT C-1) | |
| 6
C600 | ACCESSIBLE CURB RAMPS | |
| 7
C600 | RIVER ROCK WITH CONCRETE EDGING | |
| 8
C600 | CLASS 'A' RIP RAP WEED AND SEDIMENT BARRIER | |
| 9
C600 | FLAG POLE | |
| 1
C601 | 24" CONCRETE CURB & GUTTER | |
| 2
C601 | BLACK VINYL CHAIN LINK FENCE | |
| 3
C601 | MOW STRIP | |
| 1
C602 | BLACK PVC COATED CANTILEVER SLIDING GATE W/ OPERATOR | |
| 2
C602 | BLACK PVC COATED FENCE DROP ROD ASSEMBLY | |
| 3
C602 | BLACK PVC COATED CHAINLINK GATES | |
| 4
C602 | CHAINLINK DUMPSTER ENCLOSURE WITH GUARDRAIL | |
| 1
C603 | PRE-CAST CONCRETE WHEELSTOP | |
| 3
C608 | NCDOT DRIVEWAY | |
| A
- | KNOX BOX 3200 SERIES OR APPROVED EQUAL, MOUNTED ON FENCE POST AT 4-FT HEIGHT WITH 2-1/4" U-BOLTS, WASHERS AND TAMPER RESISTANT NUTS | |
| B
- | SITE LIGHTING (SEE ELECTRICAL) | |
| C
- | TRANSFORMER PAD (SEE ELECTRICAL FOR REQUIREMENTS) | |
| D
- | CONCRETE PAD W / CARD READER AND PIN PAD (SEE ELECTRICAL) | |
| E
- | PERMANENT BOLLARD (SEE ARCHITECTURAL) | |

STRIPING KEYNOTES

	NCDOT STD.	WIDTH	COLOR
2 C603	DIAGONAL STRIPING	1205.01	4-IN WHITE
3 C603	ACCESSIBLE PARKING LAYOUT	-	-
4 C603	STRAIGHT ARROW	-	WHITE
5 C603	PARKING STALL & TRAFFIC STRIPE	1205.07 (STD)	4-IN WHITE
F -	STOP BAR	-	24-IN WHITE

DATE	08/04/25			
DESCRIPTION	ADDENDUM 1			
NO.	1			
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NORTH CAROLINA FOREST SERVICE REGION-1 HEADQUARTERS 00 GENERAL PROJECT 260 AIRPORT ROAD KEMANSVILLE, NORTH CAROLINA 28349 OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES PROJECT ID: NCSCO # 19-20001-02A				
CONSTRUCTION DOCUMENTS				
DRAWING TITLE: SITE PLAN				
SHEET: C200				
DATE:	04 AUG 2025			



ALTERNATE NOTES
IF ALTERNATE C-3 IS ACCEPTED, ALL FENCING ALONG AIRPARK DRIVE RIGHT OF WAY SHALL BE ORNAMENTAL. REFER TO DETAILS ON SHEET C811.

REFER TO ALTERNATE NOTES ABOVE REGARDING FENCING & GATES

SEE SHEET C200
MATCHLINE

SITE LAYOUT NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSC0, DUPLIN COUNTY, NCDOT AND OSHA STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT, BUILDING WALL FACE OR PROPERTY LINE, UNLESS OTHERWISE NOTED.
- ALL RADII ARE DIMENSIONED FROM BACK OF CURB. IF NOT STATED, RADII DIMENSION IS 5'.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, UTILITIES AND GRADES PRIOR TO COMMENCING ANY RELATED CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING ANY RELATED CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
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- ALL CURB AND GUTTER OFFSITE SHALL BE 30" WIDE UNLESS NOTED OTHERWISE.
- ALL DISTURBED CURB & GUTTER AND ASPHALT SHALL BE REPLACED PER PROJECT DETAILS AND NCDOT STANDARDS AND SPECIFICATIONS.
- RAISE ALL STRUCTURES AT NO ADDITIONAL COST TO THE OWNER SO THAT THE TOP OF THE STRUCTURE EQUALS THE FINISH GRADE OF THE NEW ASPHALT.
- COORDINATE THE PROJECT SCHEDULE WITH THE CIVIL ENGINEER AND OWNER IN ACCORDANCE WITH THE OWNER'S ONGOING ONSITE OPERATIONS. ANY UTILITY INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO THE INTERRUPTION.
- PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT AND EXISTING ASPHALT SURFACES.
- ALL SIDEWALKS ARE TO HAVE NO MORE THAN A 1:20 (5.0%) SLOPE FOR THE LENGTH OF THE SIDEWALK AND NO MORE THAN A 1:50 (2.0%) SLOPE FOR THE WIDTH OF THE SIDEWALK. NOTIFY ENGINEER IF THIS CANNOT BE ACHIEVED.
- REFER TO GEOTECH ADDENDUM PROVIDED BY TIMMONS GROUP (5/13/2025)

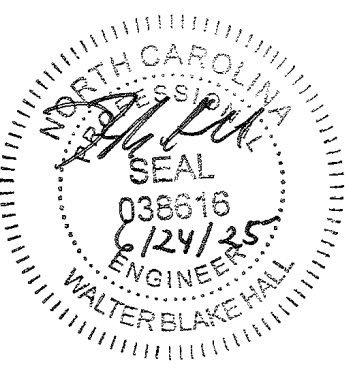
KEYNOTES

- | | | |
|-----------|---|--|
| 1
C600 | HEAVY DUTY CONCRETE PAVEMENT | |
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C600 | CONCRETE SIDEWALK | |
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| B
- | SITE LIGHTING (SEE ELECTRICAL) | |
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- | TRANSFORMER PAD (SEE ELECTRICAL FOR REQUIREMENTS) | |
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- | PERMANENT BOLLARD (SEE ARCHITECTURAL) | |

STRIPING KEYNOTES

	NCDOT STD.	WIDTH	COLOR
2 C603	DIAGONAL STRIPING	1205.01	4-IN WHITE
3 C603	ACCESSIBLE PARKING LAYOUT	-	-
4 C603	STRAIGHT ARROW	-	WHITE
5 C603	PARKING STALL & TRAFFIC STRIPE	1205.07 (STD)	4-IN WHITE
F -	STOP BAR	-	24-IN WHITE

DATE	08/04/25
DESCRIPTION	ADDENDUM 1
NO.	1



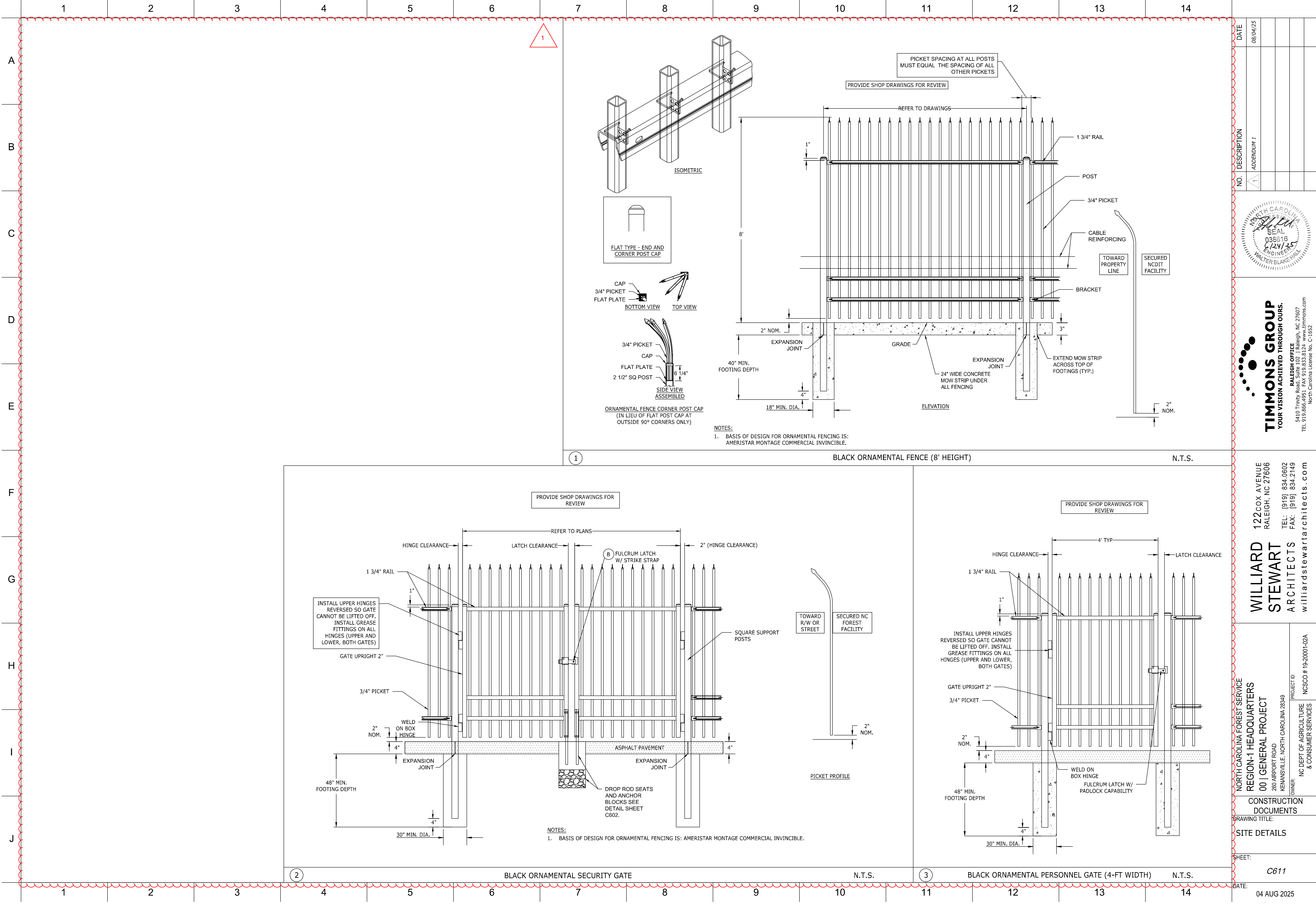
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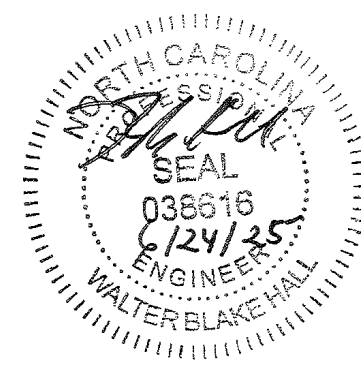
NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
00 | GENERAL PROJECT
260 AIRPORT ROAD
KEMANSVILLE, NORTH CAROLINA 28349
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES
PROJECT ID: NCSC0 # 19-20001-02A

CONSTRUCTION DOCUMENTS
DRAWING TITLE:
SITE PLAN - ALTERNATES
SHEET:
C200A

DATE: 04 AUG 2025



DATE	08/04/25
DESCRIPTION	ADDENDUM 1
NO.	1



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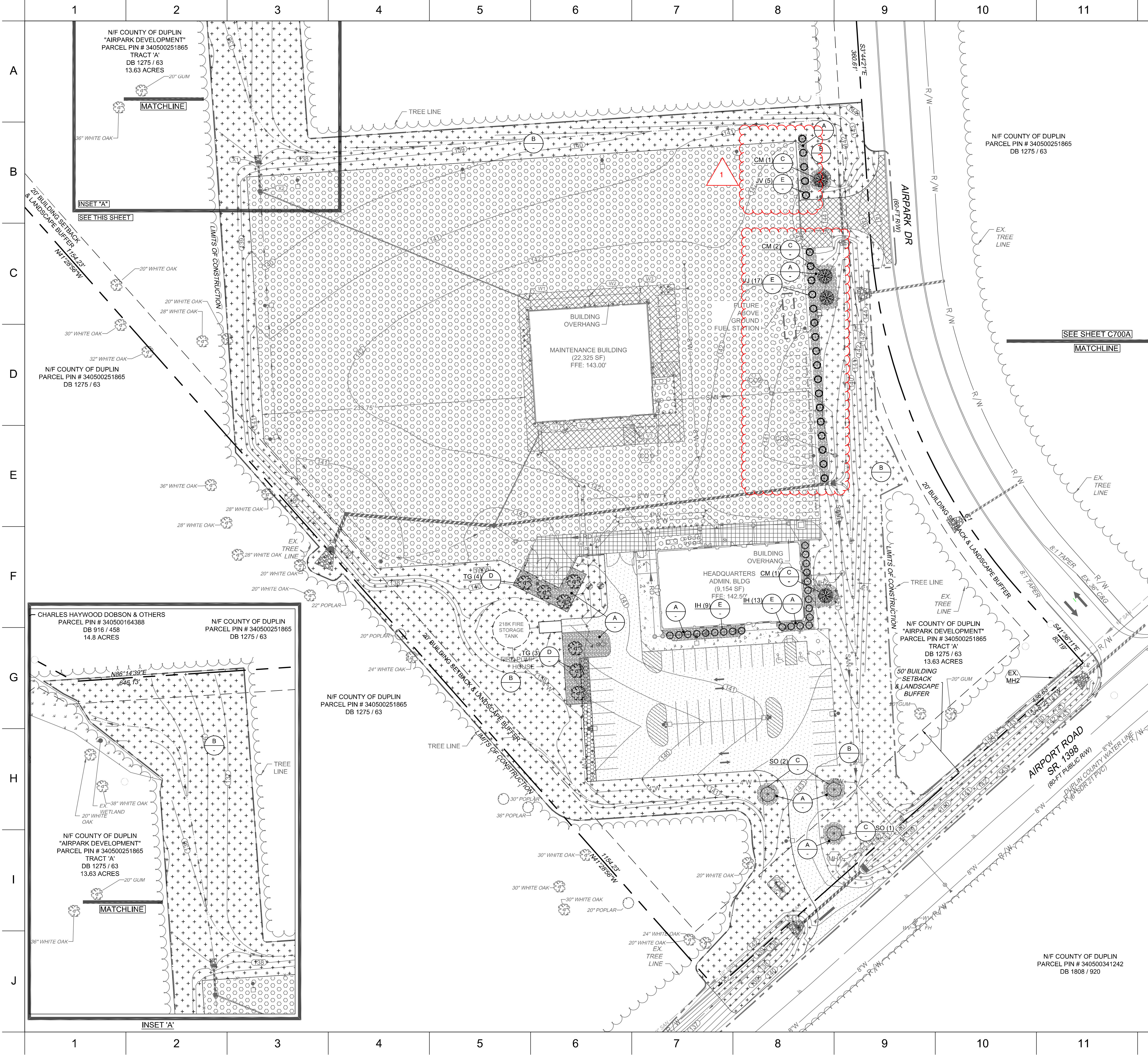
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williardstewartarchitects.com

NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
00 | GENERAL PROJECT
260 AIRPORT ROAD
KEMANSVILLE, NORTH CAROLINA 28349
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES
PROJECT ID: NCSO # 19-20001-02A






CONSTRUCTION DOCUMENTS
DRAWING TITLE:
SITE DETAILS

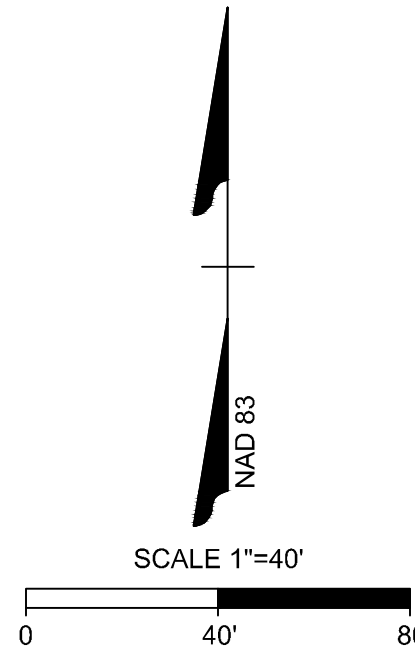
SHEET: C611
DATE: 04 AUG 2025



- LANDSCAPE NOTES
1. ALL PLANT MATERIALS TO COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.
 2. CONTRACTOR ENGAGED IN LANDSCAPE IMPLEMENTATION SHALL BE A LANDSCAPE CONTRACTOR REGISTERED IN THE STATE OF NORTH CAROLINA.
 3. SUBSTITUTIONS OF PLANT MATERIALS SPECIFIED CAN ONLY OCCUR WITH PRIOR APPROVAL BY LANDSCAPE ARCHITECT
 4. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE PER SPECIFICATIONS INCLUDING SHRUBS, TREES, AND GROUNDCOVERS AND SHALL MAINTAIN A CLEAN AND WEED FREE SITE THROUGHOUT THE MAINTENANCE PERIOD.
 5. CONTRACTOR TO VERIFY PLANT TOTALS WITH QUANTITIES SHOWN ON THE PLAN.
 6. ALL PLANTED AREAS TO BE MULCHED WITH TRIPLE-SHREDDED HARDWOOD MULCH AT A DEPTH OF 3-4". PER SPECIFICATIONS. INSTALL NO LESS THAN 5' OF PINESTRAW ALONG THE PERIMETER OF ALL REDEFINED BEDLINES OF THE EXISTING WOODED AREAS NOTED TO REMAIN.
 7. LAWN AREAS NOTED AS SOD TO BE CELEBRATION BERMUDA GRASS. ALL SOD SHOULD HAVE NO LESS THAN A 95% GERMINATION AND NO MORE THAN 0.5% WEED SEED TO BE CONSIDERED ACCEPTABLE FOR SUBSTANTIAL COMPLETION. REFER TO TEMPORARY AND PERMANENT SEEDING SCHEDULE FOR SEEDING NOTES.
 8. LANDSCAPE CONTRACTOR TO GUARANTEE PLANT MATERIALS FOR A ONE YEAR PERIOD FOLLOWING SUBSTANTIAL COMPLETION.
 9. ALL PLANT MATERIAL SHALL BE SPACED AND LOCATED PER PLAN. TREE LOCATIONS AND PLANT BEDS TO BE STAKED AND APPROVED IN FIELD PRIOR TO INSTALLATION.
 10. TREES SHALL BE STAKED PER THE DETAILS. CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THAT TREES REMAIN VERTICAL AND UPRIGHT DURING THE WARRANTY PERIOD. ALL TREE STAKING AND GUYS SHALL BE REMOVED AT THE END OF THE WARRANTY PERIOD.
 11. TOPSOIL REQUIRED FOR SOIL MIXES AND SPECIAL SEEDING AREAS SHALL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR MUST LOAD, HAUL, MIX, AND SPREAD ALL TOPSOIL AND OTHER SOIL ADDITIVES AS REQUIRED.
 12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SOIL ANALYSIS TO THE PROJECT MANAGER AND IMPROVING SITE SOILS PER THE RECOMMENDATIONS OF THE SOIL ANALYSIS.
 13. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTING UTILITIES PRIOR TO PLANTING.
 14. ANY DAMAGE CAUSED BY LANDSCAPE CONTRACTOR TO BE REPAIRED IN KIND AT NO ADDITIONAL COST TO THE OWNER.
 15. USE HERBICIDES, PESTICIDES, AND FERTILIZER IN A MANNER CONSISTENT WITH THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT AND IN ACCORDANCE WITH LABEL RESTRICTIONS.
 16. REMOVE (EITHER MANUALLY OR WITH PESTICIDE TREATMENT) ALL WEEDS IN MULCH AREAS, PLANT BEDS, TREE RINGS, AND HARDSCAPE AREAS, INCLUDING BUT NOT LIMITED TO NUTSEDGE, INVASIVE PLANTS, AND ANY NON-DESIRABLE PLANT MATERIAL. THIS TREATMENT SHALL OCCUR MONTHLY FROM INSTALLATION UNTIL THE END OF THE WARRANTY / MAINTENANCE PERIOD.
 17. MULCH SHALL BE REPLENISHED AS NEEDED, ESPECIALLY AFTER HEAVY RAIN EVENTS.

- KEYNOTES
- (A) PROVIDE DOUBLE SHREDDED HARDWOOD MULCH 4-IN THICK
 - (B) CELEBRATION BERMUDA GRASS
 - (C) DECIDUOUS PLANTING (SEE SHEET C701)
 - (D) EVERGREEN PLANTING (SEE SHEET C701)
 - (E) SHRUB PLANTING (SEE SHEET C701)

PLANT SCHEDULE						
SYMBOL	ABBREVIATION	QUANTITY		BOTANICAL NAME	COMMON NAME	SIZE
		REQ'D	PROV'D			
TREES						
	CM	4	4	LAGERSTROEMIA INDICA	CREPE MYRTLE	15 GAL & 4-FT HEIGHT
	SO	3	3	QUERCUS SHUMARDII	SHUMARD OAK	2.5" CALIPER & 8-FT HEIGHT
	TG	7	7	THUJA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	15 GAL & 4-FT HEIGHT
TOTAL		14				
SHRUBS						
	IH	22	22	ILEX GLABRA	INKBERRY HOLLY	3-GAL & 24-IN HEIGHT
	JV	22	22	DISTYLUM	VINTAGE JADE	3-GAL & 36-IN HEIGHT
TOTAL		44				
PLANT MATERIALS PROVIDED ARE NATIVE TO THIS REGION						



DATE: 08/04/25

DESCRIPTION: ADDENDUM 1

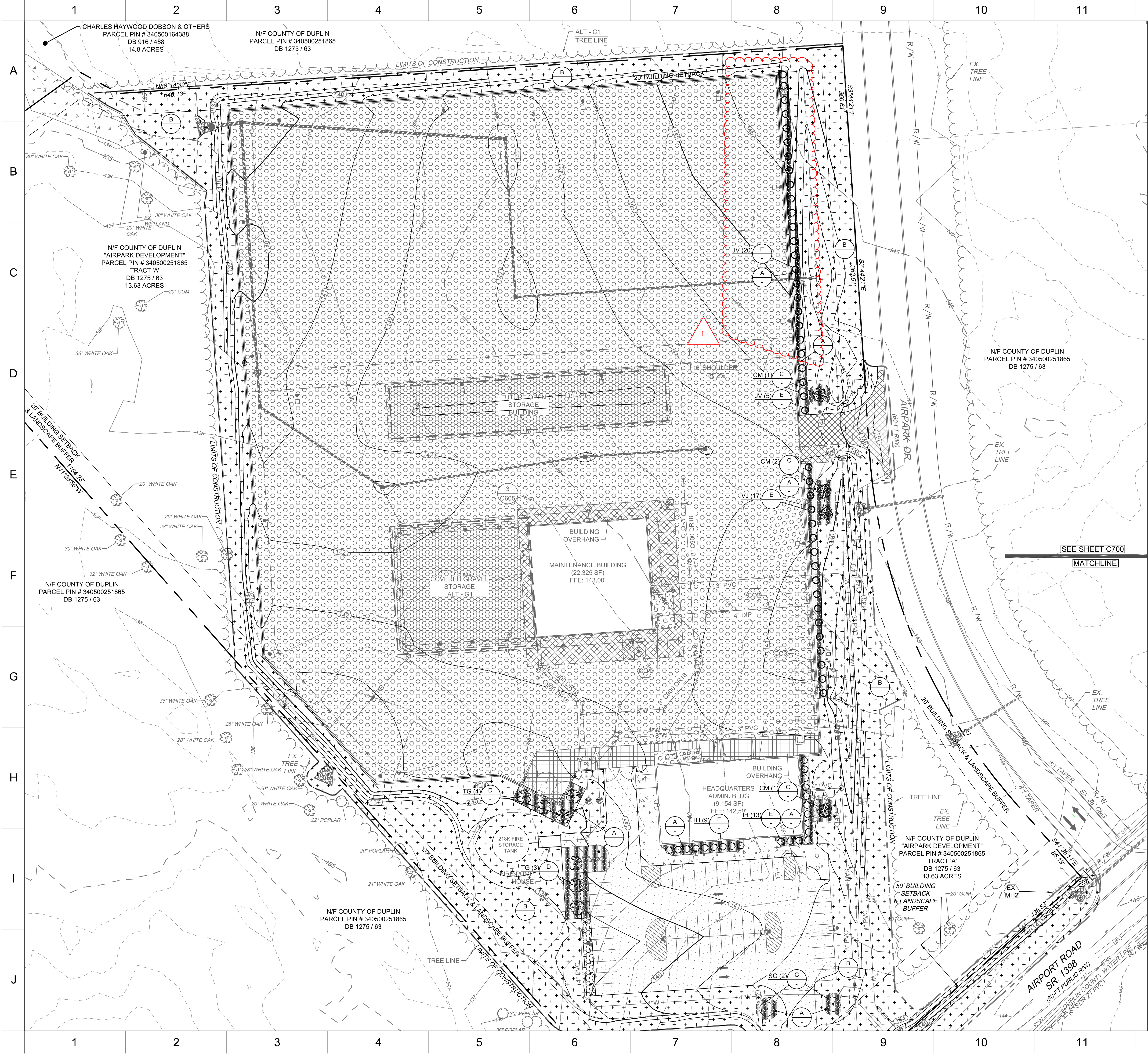
NO. 1

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


NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
00 | GENERAL PROJECT
260 AIRPORT ROAD
KEMANSVILLE, NORTH CAROLINA 28349
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES
PROJECT ID: NCSCO # 19-20001-02A

CONSTRUCTION DOCUMENTS
DRAWING TITLE: LANDSCAPE PLAN
SHEET: C700
DATE: 04 AUG 2025



- LANDSCAPE NOTES
1. ALL PLANT MATERIALS TO COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.
 2. CONTRACTOR ENGAGED IN LANDSCAPE IMPLEMENTATION SHALL BE A LANDSCAPE CONTRACTOR REGISTERED IN THE STATE OF NORTH CAROLINA.
 3. SUBSTITUTIONS OF PLANT MATERIALS SPECIFIED CAN ONLY OCCUR WITH PRIOR APPROVAL BY LANDSCAPE ARCHITECT
 4. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE PER SPECIFICATIONS INCLUDING SHRUBS, TREES, AND GROUNDCOVERS AND SHALL MAINTAIN A CLEAN AND WEED FREE SITE THROUGHOUT THE MAINTENANCE PERIOD.
 5. CONTRACTOR TO VERIFY PLANT TOTALS WITH QUANTITIES SHOWN ON THE PLAN.
 6. ALL PLANTED AREAS TO BE MULCHED WITH TRIPLE-SHREDDED HARDWOOD MULCH AT A DEPTH OF 3-4", PER SPECIFICATIONS. INSTALL NO LESS THAN 5' OF PINESTRAW ALONG THE PERIMETER OF ALL REDEFINED BEDLINES OF THE EXISTING WOODED AREAS NOTED TO REMAIN.
 7. LAWN AREAS NOTED AS SOD TO BE CELEBRATION BERMUDA GRASS. ALL SOD SHOULD HAVE NO LESS THAN A 95% GERMINATION AND NO MORE THAN 0.5% WEED SEED TO BE CONSIDERED ACCEPTABLE FOR SUBSTANTIAL COMPLETION. REFER TO TEMPORARY AND PERMANENT SEEDING SCHEDULE FOR SEEDING NOTES.
 8. LANDSCAPE CONTRACTOR TO GUARANTEE PLANT MATERIALS FOR A ONE YEAR PERIOD FOLLOWING SUBSTANTIAL COMPLETION.
 9. ALL PLANT MATERIAL SHALL BE SPACED AND LOCATED PER PLAN. TREE LOCATIONS AND PLANT BEDS TO BE STAKED AND APPROVED IN FIELD PRIOR TO INSTALLATION.
 10. TREES SHALL BE STAKED PER THE DETAILS. CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THAT TREES REMAIN VERTICAL AND UPRIGHT DURING THE WARRANTY PERIOD. ALL TREE STAKING AND GUYS SHALL BE REMOVED AT THE END OF THE WARRANTY PERIOD.
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 14. ANY DAMAGE CAUSED BY LANDSCAPE CONTRACTOR TO BE REPAIRED IN KIND AT NO ADDITIONAL COST TO THE OWNER.
 15. USE HERBICIDES, PESTICIDES, AND FERTILIZER IN A MANNER CONSISTENT WITH THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT AND IN ACCORDANCE WITH LABEL RESTRICTIONS.
 16. REMOVE (EITHER MANUALLY OR WITH PESTICIDE TREATMENT) ALL WEEDS IN MULCH AREAS, PLANT BEDS, TREE RINGS, AND HARDSCAPE AREAS INCLUDING BUT NOT LIMITED TO NUTSEDGE, INVASIVE PLANTS, AND ANY NON-DESIRABLE PLANT MATERIAL. THIS TREATMENT SHALL OCCUR MONTHLY FROM INSTALLATION UNTIL THE END OF THE WARRANTY / MAINTENANCE PERIOD.
 17. MULCH SHALL BE REPLENISHED AS NEEDED, ESPECIALLY AFTER HEAVY RAIN EVENTS.

- KEYNOTES
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 - (B) CELEBRATION BERMUDA GRASS
 - (C) DECIDUOUS PLANTING (SEE SHEET C701)
 - (D) EVERGREEN PLANTING (SEE SHEET C701)
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PLANT SCHEDULE						
SYMBOL	ABBREVIATION	QUANTITY		BOTANICAL NAME	COMMON NAME	SIZE
		REQ'D	PROVD			
TREES						
	CM	4	4	LAGERSTROEMIA INDICA	CREPE MYRTLE	15 GAL & 4-FT HEIGHT
	SO	3	3	QUERCUS SHUMARDII	SHUMARD OAK	2.5" CALIPER & 8-FT HEIGHT
	TG	7	7	THUJA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	15 GAL & 4-FT HEIGHT
TOTAL		14				
SHRUBS						
	IH	22	22	ILEX GLABRA	INKBERRY HOLLY	3-GAL & 24-IN HEIGHT
	JV	42	42	DISTYLUM	VINTAGE JADE	3-GAL & 36-IN HEIGHT
TOTAL		64				
PLANT MATERIAL PROVIDED ARE NATIVE TO THIS REGION						

DATE: 08/04/25

DESCRIPTION: ADDENDUM 1

NO. 1

TIMMONS GROUP
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NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
00 | GENERAL PROJECT

260 AIRPORT ROAD
KEMANSVILLE, NORTH CAROLINA 28349

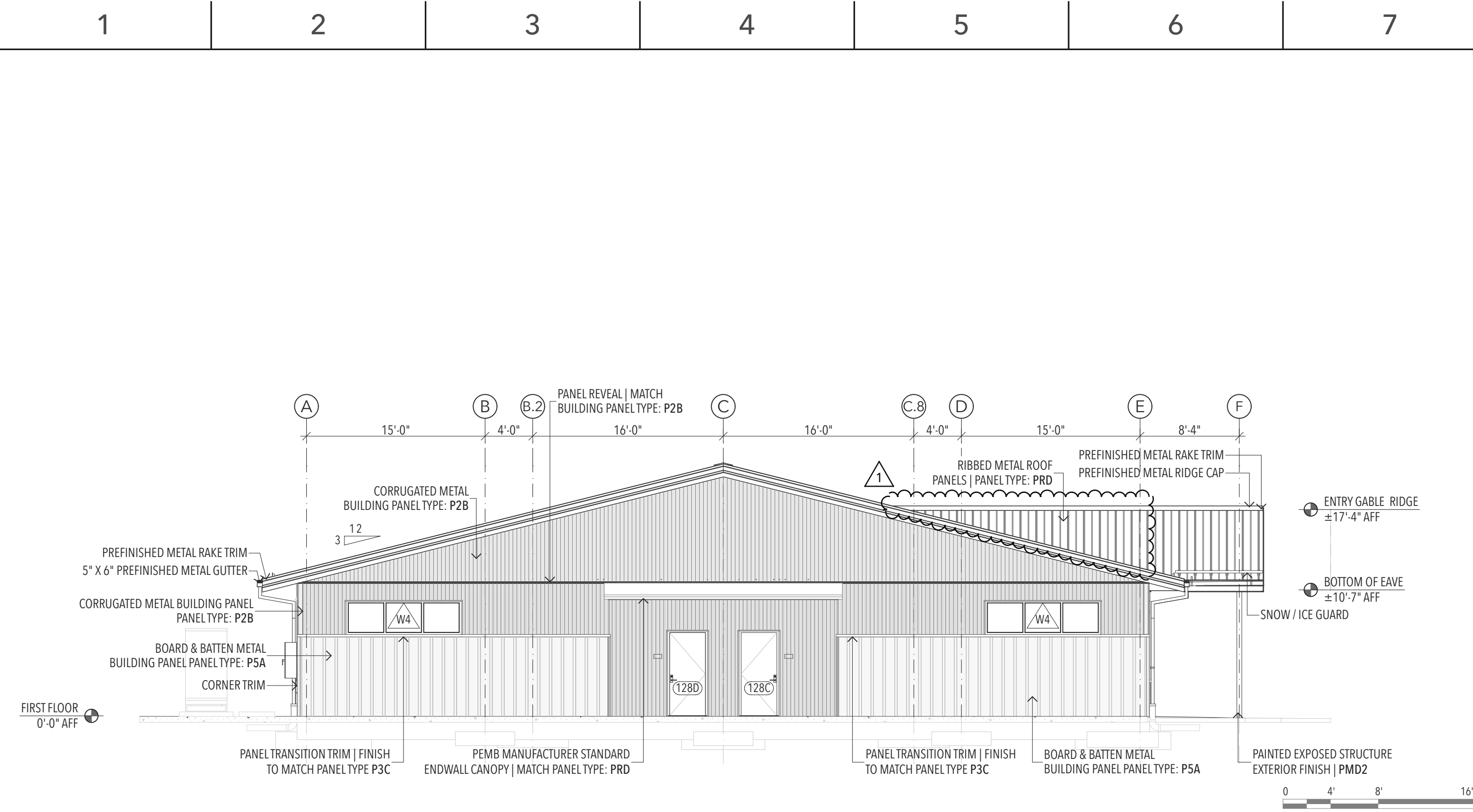
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES
PROJECT ID: NCSCO # 19-20001-02A

CONSTRUCTION DOCUMENTS

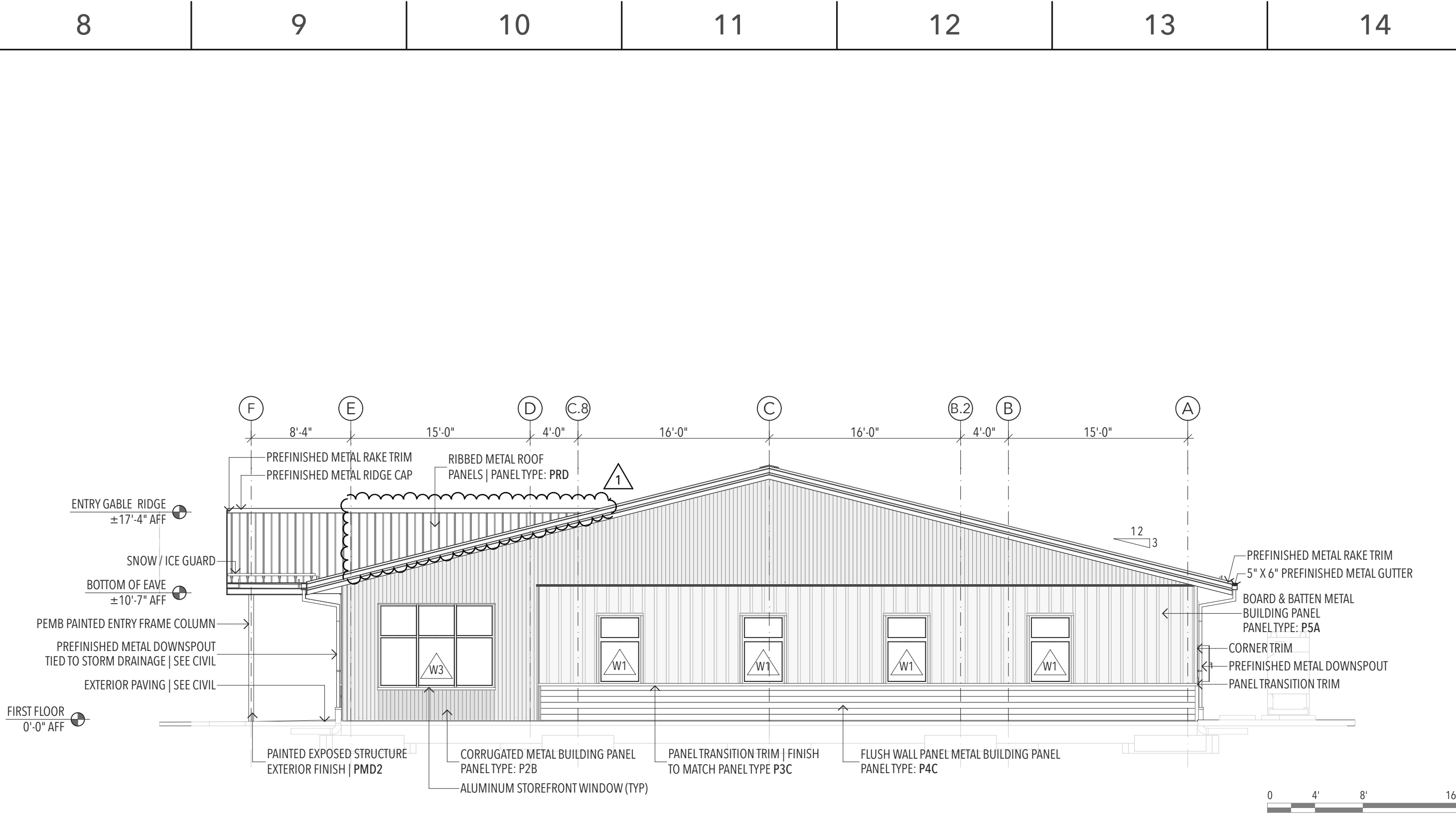
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LANDSCAPE PLAN - ALTERNATES

SHEET:
C700A

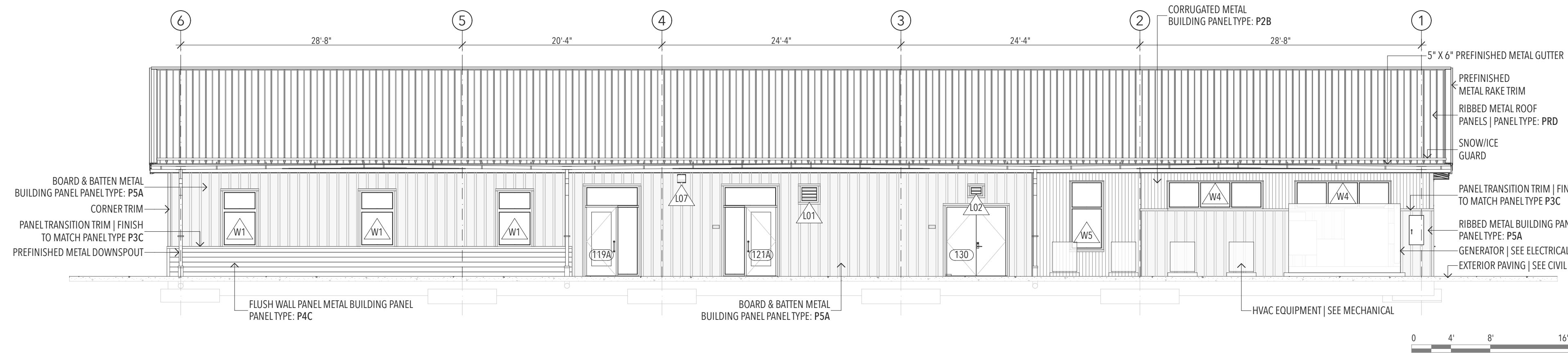
DATE:
04 AUG 2025



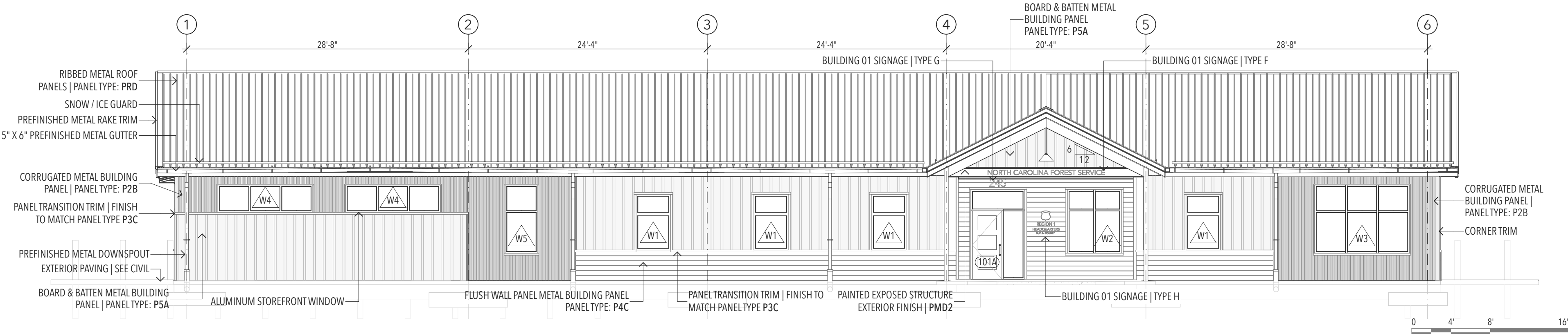
D1 WEST BUILDING ELEVATION
SCALE: 1/8" = 1'-0"



D8 EAST BUILDING ELEVATION
SCALE: 1/8" = 1'-0"

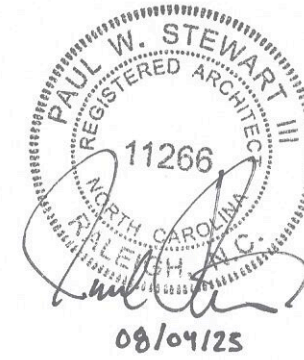


G1 NORTH BUILDING ELEVATION
SCALE: 1/8" = 1'-0"



J1 SOUTH BUILDING ELEVATION
SCALE: 1/8" = 1'-0"

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	08/04/25



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NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
01 | ADMINISTRATION BUILDING
260 AIRPORT ROAD
KENANSVILLE, NORTH CAROLINA 28349

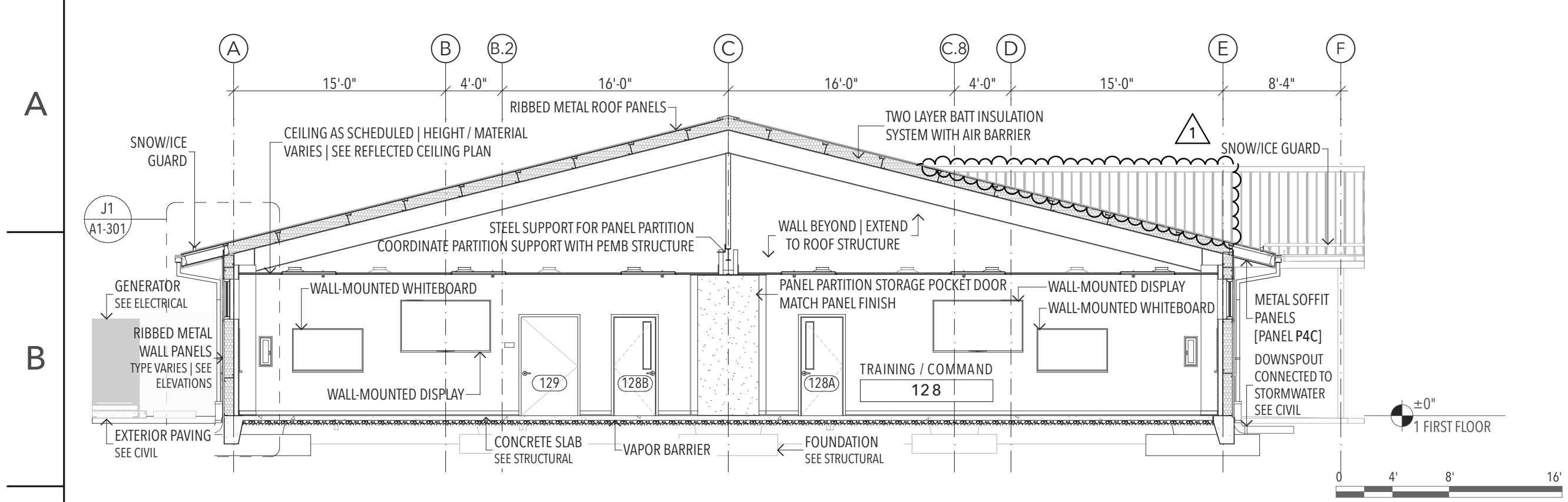
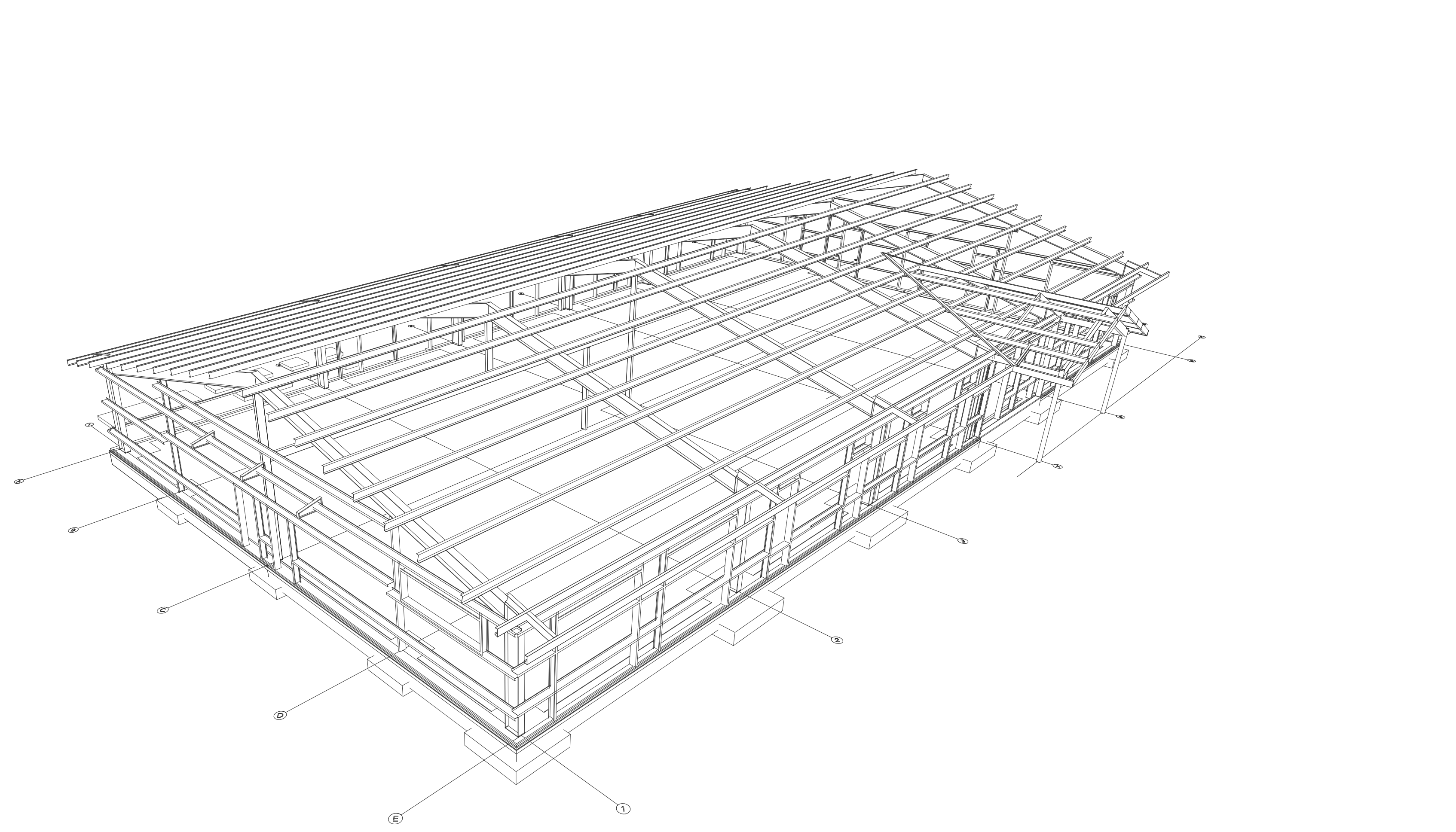
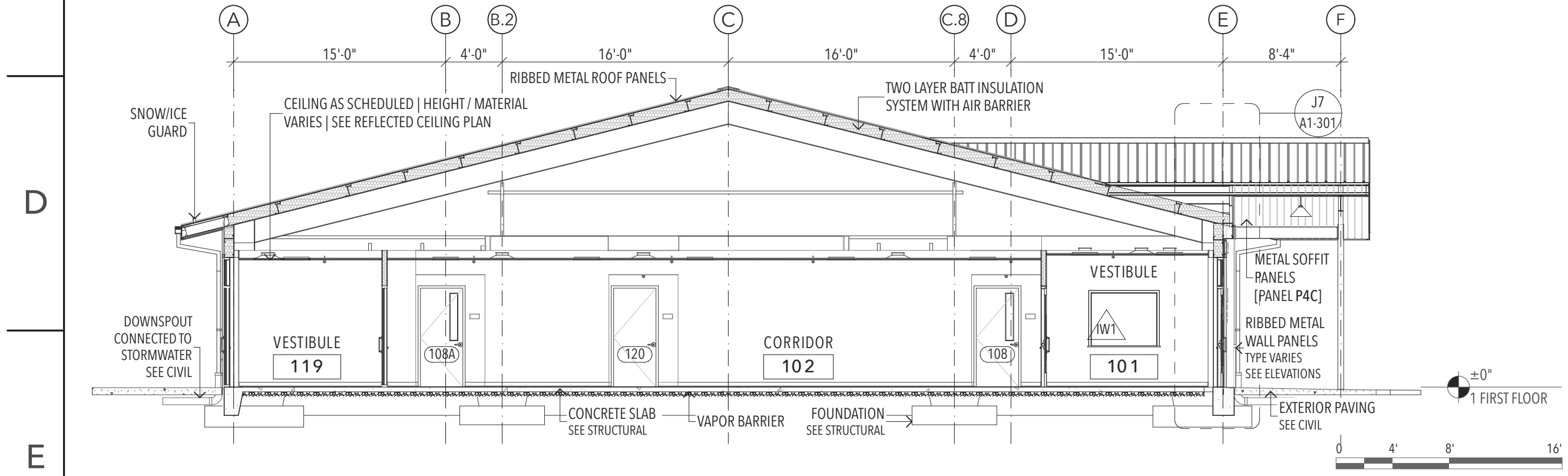
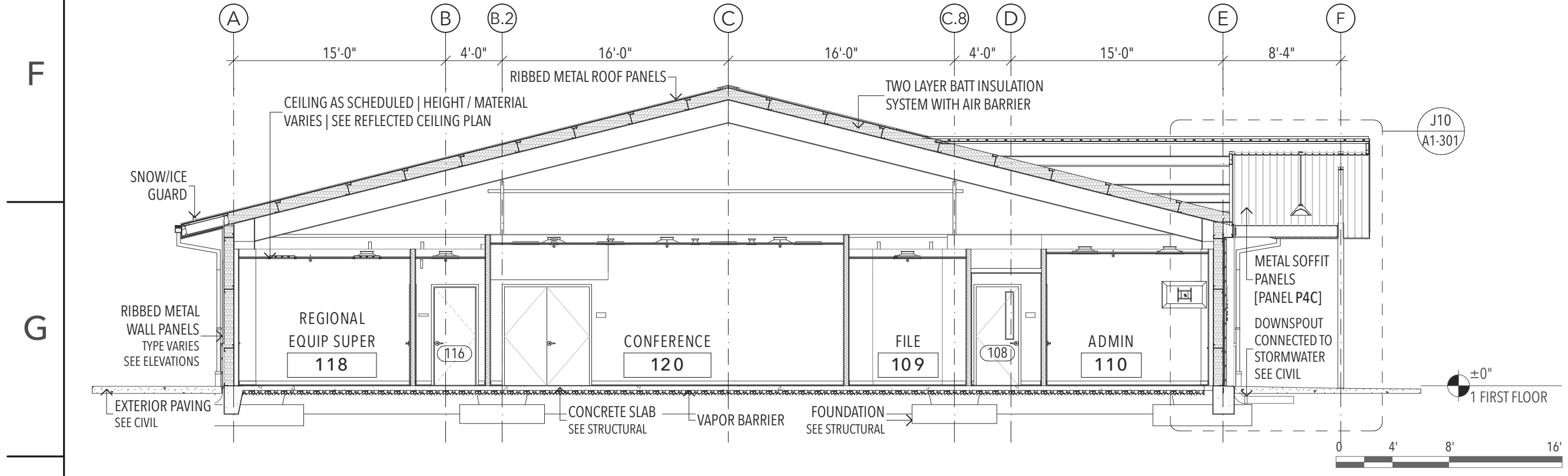
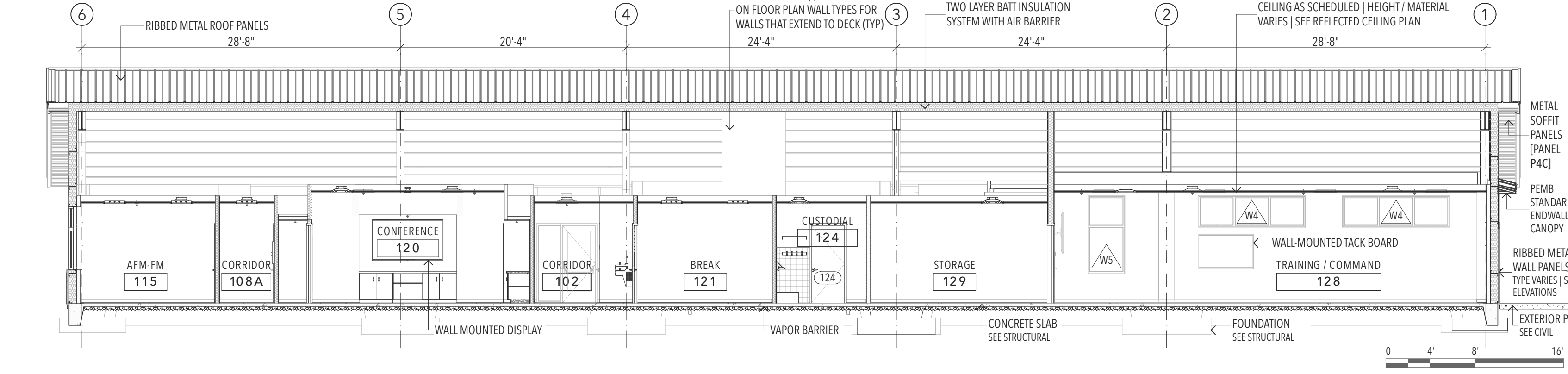
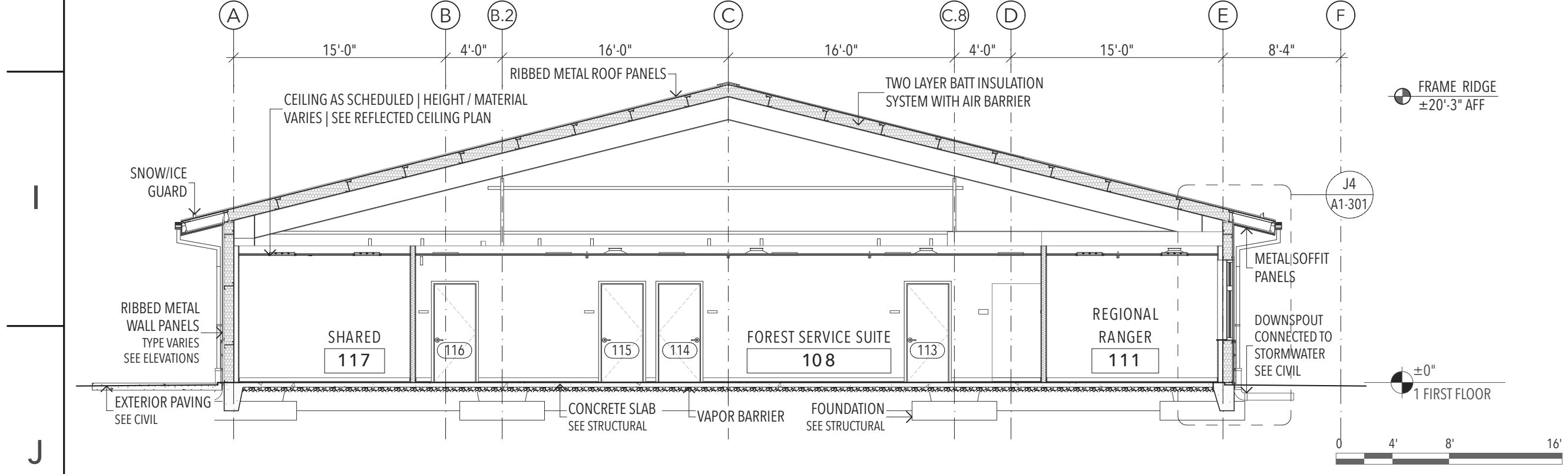
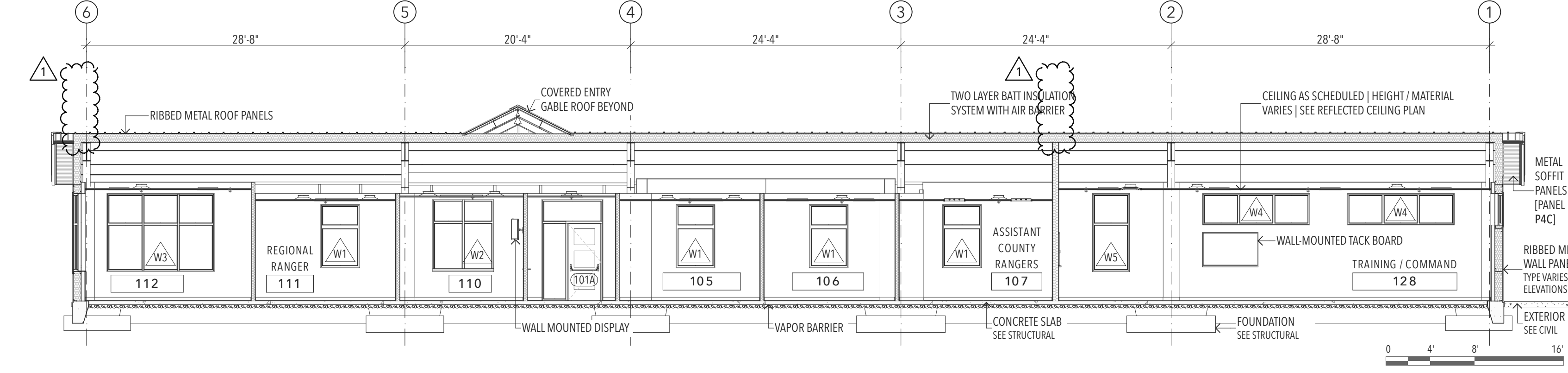
OWNER:	PROJECT ID:
NC DEPT OF AGRICULTURE & CONSUMER SERVICES	NCSC01-19-200

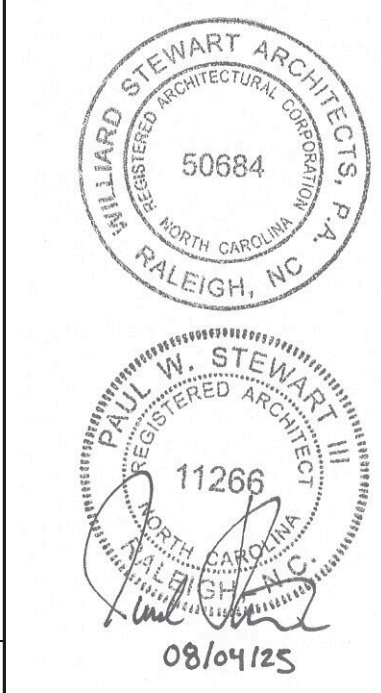
CONSTRUCTION
DOCUMENTS

DRAWING:
01 | ADMINISTRATION
BUILDING ELEVATIONS

SHEET:
A1-201

DATE: 24 JUNE 2025

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A															DATE 08/04/25
B															DESCRIPTION ADDENDUM 1
C	C1 BUILDING SECTION THROUGH TRAINING/COMMAND 128 SCALE: 1/8" = 1'-0"														NO. 1
D															
E	E1 BUILDING SECTION THROUGH CORRIDOR 102 SCALE: 1/8" = 1'-0"						E7 REFERENCE PEMB PERSPECTIVE NOT TO SCALE								
F															
G															
H	H1 BUILDING SECTION THROUGH ENTRY CANOPY / CONF 120 SCALE: 1/8" = 1'-0"						H7 LONGITUDINAL BUILDING SECTION SCALE: 1/8" = 1'-0"								
I															
J	J1 BUILDING SECTION THROUGH FOREST SERVICE SUITE SCALE: 1/8" = 1'-0"						J7 LONGITUDINAL BUILDING SECTION SCALE: 1/8" = 1'-0"								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	



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NORTH CAROLINA FOREST SERVICE
REGION-1 HEADQUARTERS
01 | ADMINISTRATION BUILDING
260 AIRPORT ROAD
KENANSVILLE, NORTH CAROLINA 28349
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES

PROJECT ID: NCSC0# 19-20001-02A

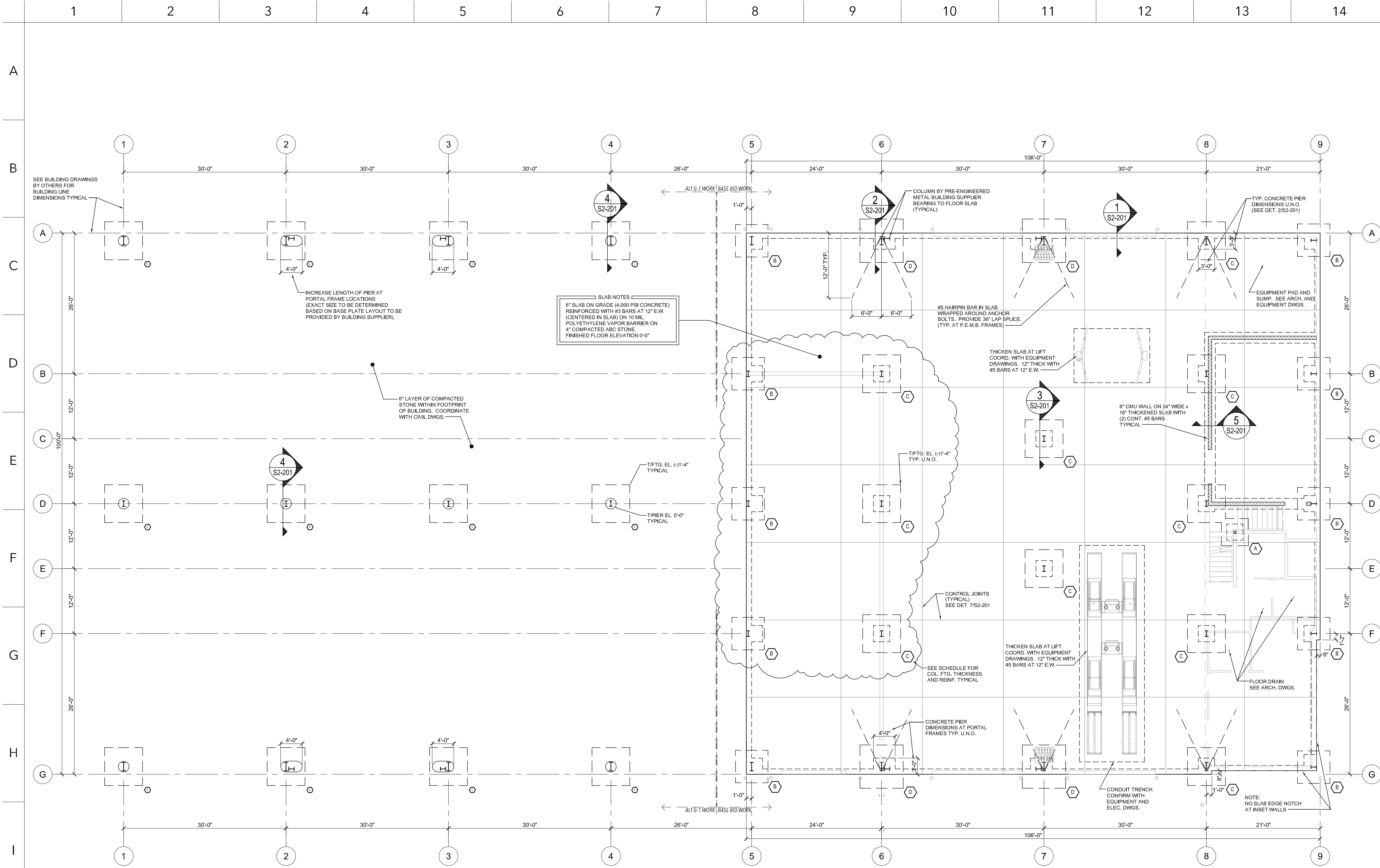
CONSTRUCTION DOCUMENTS

DRAWING: 01 | ADMINISTRATION BUILDING SECTIONS

SHEET: A1-211

DATE: 24 JUNE 2025

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A	<div>STRUCTURAL NOTES</div> <div>I. GENERAL</div> <div>1. DESIGN CODES</div> <div>NORTH CAROLINA BUILDING CODE, 2018 EDITION (AMENDED 2015 INTERNATIONAL BUILDING CODE)</div> <div>ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-14)</div> <div>ACI BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530)</div> <div>AISC MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN NINTH EDITION</div> <div>ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES</div> <div>2A. DESIGN LOADS - ADMINISTRATION BUILDING</div> <div>RISK CATEGORY IV</div> <div>LIVE LOADS: FLOOR: 100 PSF ROOF: 20 PSF</div> <div>COLLATERAL LOADS (FOR PEMB): 7 PSF</div> <div>ULTIMATE DESIGN WIND SPEED: 139 MPH EXPOSURE B</div> <div>COMPONENTS AND CLADDING WIND PRESSURES: BY BUILDING MANUF.</div> <div>GROUND SNOW LOAD 10 PSF EXPOSURE FACTOR, Ce = 1.0 THERMAL FACTOR, Ct = 1.0 IMPORTANCE FACTOR, Is = 1.2 FLAT ROOF SNOW LOAD = 8.4 PSF</div> <div>Ss = 0.171 S1 = 0.079 SITE CLASS E Sds = 0.284 Sd1 = 0.185 SEISMIC DESIGN CATEGORY D</div> <div>BASIC SEISMIC FORCE RESISTING SYSTEM SEISMIC BASE SHEAR = x.x k SEISMIC RESPONSE COEFFICIENT, Cs = RESPONSE MODIFICATION FACTOR, R = ANALYSIS PROCEDURE USED =</div> <div>NOTE THAT THE BUILDING IS REQUIRED TO BE DETAILED FOR SEISMIC RESISTANCE IN ACCORDANCE WITH AISC 341-10.</div> <div>BY BUILDING MANUFACTURER</div> <div>2B. DESIGN LOADS - MAINTENANCE BUILDING</div> <div>RISK CATEGORY IV</div> <div>LIVE LOADS: FLOOR: 100 PSF MEZZANINE: 125 PSF ROOF: 20 PSF</div> <div>COLLATERAL LOADS (FOR PEMB): 7 PSF</div> <div>ULTIMATE DESIGN WIND SPEED: 139 MPH EXPOSURE B</div> <div>COMPONENTS AND CLADDING WIND PRESSURES: BY BUILDING MANUF.</div> <div>GROUND SNOW LOAD 10 PSF EXPOSURE FACTOR, Ce = 1.0 THERMAL FACTOR, Ct = 1.0 (ENCLOSED BUILDING) THERMAL FACTOR, Ct = 1.2 (OPEN BUILDING, ALTERNATE G-1) IMPORTANCE FACTOR, Is = 1.2 FLAT ROOF SNOW LOAD = 8.4 PSF (ENCLOSED BUILDING) FLAT ROOF SNOW LOAD = 10.1 PSF (OPEN BUILDING, ALTERNATE G-1)</div> <div>Ss = 0.171 S1 = 0.079 SITE CLASS E Sds = 0.284 Sd1 = 0.185 SEISMIC DESIGN CATEGORY D</div> <div>BASIC SEISMIC FORCE RESISTING SYSTEM SEISMIC BASE SHEAR = x.x k SEISMIC RESPONSE COEFFICIENT, Cs = RESPONSE MODIFICATION FACTOR, R = ANALYSIS PROCEDURE USED =</div> <div>NOTE THAT THE BUILDING IS REQUIRED TO BE DETAILED FOR SEISMIC RESISTANCE IN ACCORDANCE WITH AISC 341-10.</div> <div>BY BUILDING MANUFACTURER</div> <div>3. ALL ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION OF 0'-0". SEE SITE DRAWINGS FOR ACTUAL FINISHED FLOOR ELEVATION REFERENCED FROM SEA LEVEL.</div> <div>4. FOUNDATION DESIGN IS BASED ON THE PRELIMINARY MAXIMUM AND MINIMUM LOADING CONDITIONS PROVIDED BY THE BUILDING SUPPLIER. <u>FINAL SEALED</u> FOUNDATION REACTIONS SHALL BE PROVIDED FOR REVIEW PRIOR TO CONSTRUCTION.</div> <div>5. SEE BUILDING DRAWINGS FOR COLUMN AND BASE PLATE SIZES AND LOCATIONS.</div> <div>6. ANCHOR BOLT DESIGN PROVIDED BY BUILDING DESIGNER. ANCHOR BOLT EMBEDMENT ONLY IS PROVIDED ON DRAWINGS S1-201 AND S2-201.</div> <div>7. DETAILED SHOP DRAWINGS SHALL BE PROVIDED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. PRE-ENGINEERED METAL BUILDING SUBMITTAL SHALL BE SIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER AND SHALL REQUIRE APPROVAL PRIOR TO FABRICATION.</div> <div>8. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY AND DOES NOT CERTIFY ARCHITECTURAL LAYOUT OR DIMENSIONAL ACCURACY.</div> <div>9. ROSS LINDEN ENGINEERS PC ASSUMES NO LIABILITY FOR CHANGES OR MODIFICATIONS MADE TO THESE DRAWINGS BY OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION FROM THESE DRAWINGS.</div> <div>10. REFER TO THE STATEMENT OF SPECIAL INSPECTIONS FOR SPECIAL INSPECTIONS REQUIREMENTS IN ACCORDANCE WITH CHAPTER 17 OF THE NORTH CAROLINA BUILDING CODE.</div> <div>II. DELEGATED DESIGN</div> <div>1. THE PRE-ENGINEERED METAL BUILDING IS A DELEGATED DESIGN AND AS SUCH SHALL BE DESIGNED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. THE BUILDING DESIGNER SHALL VERIFY THAT ALL DESIGN LOADS ARE IN COMPLIANCE WITH THE NORTH CAROLINA BUILDING CODE AS OUTLINED ABOVE. THE DESIGN SHALL INCLUDE SIZING OF ALL ROOF AND WALL FRAMING MEMBERS, DETAILED CONNECTION DESIGN, AND THE DESIGN OF ALL ROOF AND WALL COVERINGS (METAL PANELS) AND CONNECTIONS. THE PRE-ENGINEERED METAL BUILDING SUBMITTAL SHALL BE SIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER AND SHALL REQUIRE APPROVAL PRIOR TO FABRICATION.</div> <div>2. THE METAL STAIRS ARE A DELEGATED DESIGN AND AS SUCH SHALL BE DESIGNED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. THE DESIGNER SHALL VERIFY THAT ALL DESIGN LOADS ARE IN COMPLIANCE WITH THE NORTH CAROLINA BUILDING CODE. THE METAL STAIR SUBMITTAL SHALL BE SIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER AND SHALL REQUIRE APPROVAL PRIOR TO FABRICATION.</div> <div>III. CONCRETE</div> <div>1. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL HAVE THE FOLLOWING STRENGTH AND SLUMP REQUIREMENTS: ELEVATED SLABS: LIGHT WEIGHT (110 PCF) 4,000 PSI 28-DAY COMPRESSIVE STRENGTH, MAX. 5" SLUMP SLABS ON GRADE: 4,000 PSI 28-DAY COMPRESSIVE STRENGTH, 4" SLUMP ALL OTHER CONCRETE: 3,500 PSI 28-DAY COMPRESSIVE STRENGTH, MAX. 5" SLUMP.</div> <div>2. ALL CONCRETE SHALL BE MOIST CURED PER ACI 301 OR CURED WITH AN APPROVED CURING COMPOUND. CONTRACTOR SHALL VERIFY THAT THE CURING COMPOUND IS COMPATIBLE WITH FLOOR COVERING ADHESIVES, COATINGS, OR TOPPINGS TO BE USED. CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS.</div> <div>3. UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL, CONFORMING TO ASTM A-615, GRADE 60, DEFORMED.</div> <div>4. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION, AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES. (ACI 315)</div> <div>5. ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES PER ACI 318-99, UNLESS OTHERWISE SHOWN.</div> <div>6. ANCHOR BOLTS TO BE ASTM F1554, GRADE 36.</div> <div>7. CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.</div> <div>8. ALL SPREAD FOOTINGS BEARING ON NATIVE SOIL OR STRUCTURAL FILL ARE DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 2,000 PSF. A GEOTECHNICAL REPORT BY TIMMONS GROUP DATED 29 MARCH 2024 HAS BEEN USED AS THE BASIS OF THIS DESIGN. A GEOTECHNICAL REPRESENTATIVE SHALL INSPECT ALL FOOTING EXCAVATIONS TO CONFIRM ALLOWABLE BEARING PRESSURES.</div> <div>9. PROVIDE TWO (2) #5 x 4'-0" LONG DIAGONAL BARS IN TOP FACE OF ALL SLABS (1" CLEAR) AT ALL RE-ENTRANT CORNERS. SEE PLAN FOR LOCATIONS.</div> <div>10. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, PROTECTING, AND RELOCATING AS REQUIRED ALL SERVICE AND UTILITY LINES IN VICINITY OF THE WORK SITE. ALL EXCAVATIONS NEAR THESE LINES TO BE CARRIED OUT WITH EXTREME CAUTION.</div> <div>11. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL MECHANICAL AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND ELECTRICAL DETAILS AND SHOP DRAWINGS BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR PROPER DISTRIBUTION FOR ALL UTILITIES THROUGHOUT THE BUILDING.</div> <div>12. ALL DOWELS WHICH ARE TO BE DRILLED AND GROUTED INTO EXISTING CONCRETE SHALL BE DONE WITH AN EPOXY GROUT. DRILL HOLE WITH DIAMETER 1/8" LARGER THAN DOWEL OR AS RECOMMENDED BY GROUT SUPPLIER. USE HIT-RE 500 V3 BY HILTI OR APPROVED EQUAL.</div> <div>IV. MASONRY</div> <div>1. MASONRY CONSTRUCTION SHALL COMPLY WITH ACI 530.1-02/ASCE 6-02: "SPECIFICATION FOR MASONRY STRUCTURES."</div> <div>2. ASSUMED MASONRY PROPERTIES: UNIT COMPRESSIVE STRENGTH 2000 PSI, TYPE S MORTAR, PARTIAL GROUT, RUNNING BOND.</div> <div>3. SEE THE DRAWINGS FOR LINTEL INFORMATION.</div> <div>4. PROVIDE 9 GA. LADDER-TYPE JOINT REINFORCEMENT AT 16" O.C.</div> <div>5. PROVIDE A CONTINUOUS BOND BEAM (WITH TWO #4 BARS MINIMUM) AT THE TOP OF ALL WALLS AND AT LOCATIONS WHERE A ROOF OR ELEVATED FLOOR IS STRUCTURALLY CONNECTED TO THE WALL.</div> <div>6. PROVIDE CONTINUOUS BOND BEAMS (WITH TWO #4 BARS MINIMUM) AT A MAXIMUM SPACING OF 8 FEET.</div> <div>7. BOND BEAM BLOCK UNITS SHALL HAVE OPENINGS IN THE BOTTOM TO ALLOW VERTICAL REINFORCEMENT TO PASS. U-BLOCKS SHALL BE USED AT LINTELS ONLY.</div> <div>8. SEE DRAWINGS FOR VERTICAL REINFORCING. THE FOLLOWING MINIMUM VERTICAL REINFORCING SHALL BE IN ADDITION TO REINFORCING SHOWN ON DRAWINGS: ONE #5 BAR AT EACH CORNER, ONE #5 BAR EACH SIDE OF OPENINGS, ONE #5 BAR AT ENDS OF WALLS.</div> <div>9. ALL VERTICAL REINFORCING SHALL BE CONTINUOUS FROM TOP TO BOTTOM OF WALL EXCEPT WHERE INTERRUPTED BY AN OPENING.</div> <div>10. PROVIDE DOWELS INTO FOOTING OR SLAB TO MATCH VERTICAL REINFORCING.</div> <div>11. FILL ALL REINFORCED CELLS AND BOND BEAMS WITH 3000 PSI GROUT. PLACE GROUT IN VERTICAL LIFTS NOT EXCEEDING 6 FEET.</div>														DATE	8/4/25												
	DESCRIPTION	ADDENDUM 1																										
B	NO.	1																										
	<div><div>ROSS LINDEN ENGINEERS PC</div><div>709 W. JONES STREET RALEIGH, NC 27603 TEL 919.832.5680 FAX 919.832.5675 WWW.ROSSLINDEN.COM NC LICENSE NO. C-2364</div></div>																											
C	<div><div>122 COX AVENUE RALEIGH, NC 27605</div><div>TEL: [919] 834.0620 FAX: [919] 834.2149</div><div>willardstewartarchitects.com</div></div>																											
	<div><div>WILLIARD STEWART ARCHITECTS</div></div>																											
D	<div><div>NORTH CAROLINA FOREST SERVICE REGION-1 HEADQUARTERS 00 General 260 AIRPORT ROAD KENANSVILLE, NORTH CAROLINA 28349 OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES PROJECT ID: NCSO# 19-20001-02A</div></div>																											
	CONSTRUCTION DOCUMENTS																											
E	DRAWING: STRUCTURAL NOTES																											
	SHEET: S0-101																											
F	DATE: 24 JUNE 2025																											
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FOOTING SCHEDULE							
MARK ○	SIZE			BOTTOM REINF.		TOP REINF.	
	N-S	E-W	THK	N-S	E-W	N-S	E-W
A	5'-0"	5'-0"	1'-2"	#5 AT 12"	#5 AT 12"	--	--
B	6'-0"	6'-0"	1'-4"	#5 AT 12"	#5 AT 12"	--	--
C	7'-0"	7'-0"	1'-6"	#5 AT 12"	#5 AT 12"	#5 AT 12"	#5 AT 12"
D	8'-0"	8'-0"	1'-8"	#5 AT 12"	#5 AT 12"	#5 AT 12"	#5 AT 12"

ASSUMED MAXIMUM UNFACTORED (ASD) FOUNDATION REACTIONS FOR FOUNDATION DESIGN:

FOOTING TYPE A: 20 k AXIAL, 7 k UPLIFT
FOOTING TYPE B: 30 k AXIAL, 10 k UPLIFT
FOOTING TYPE C: 40 k AXIAL, 13 k UPLIFT
FOOTING TYPE D: 50 k AXIAL, 16 k UPLIFT

FINAL SEALED FOUNDATION REACTIONS SHALL BE PROVIDED BY THE BUILDER SUPPLIER FOR REVIEW PRIOR TO CONSTRUCTION. FOUNDATION SIZES SHALL BE CONFIRMED UPON REVIEW OF THE FINAL FOUNDATION REACTIONS.

1 MAINTENANCE SLAB AND FOUNDATION PLAN
S2-101 1/8" = 1'-0"

DATE
8/4/25

DESCRIPTION
ADDENDUM 1

NO.
1

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NORTH CAROLINA FOREST SERVICE
REGION 1 HEADQUARTERS
02 | Maintenance Building
260 AIRPORT ROAD
KENANSVILLE, NORTH CAROLINA 28349
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES

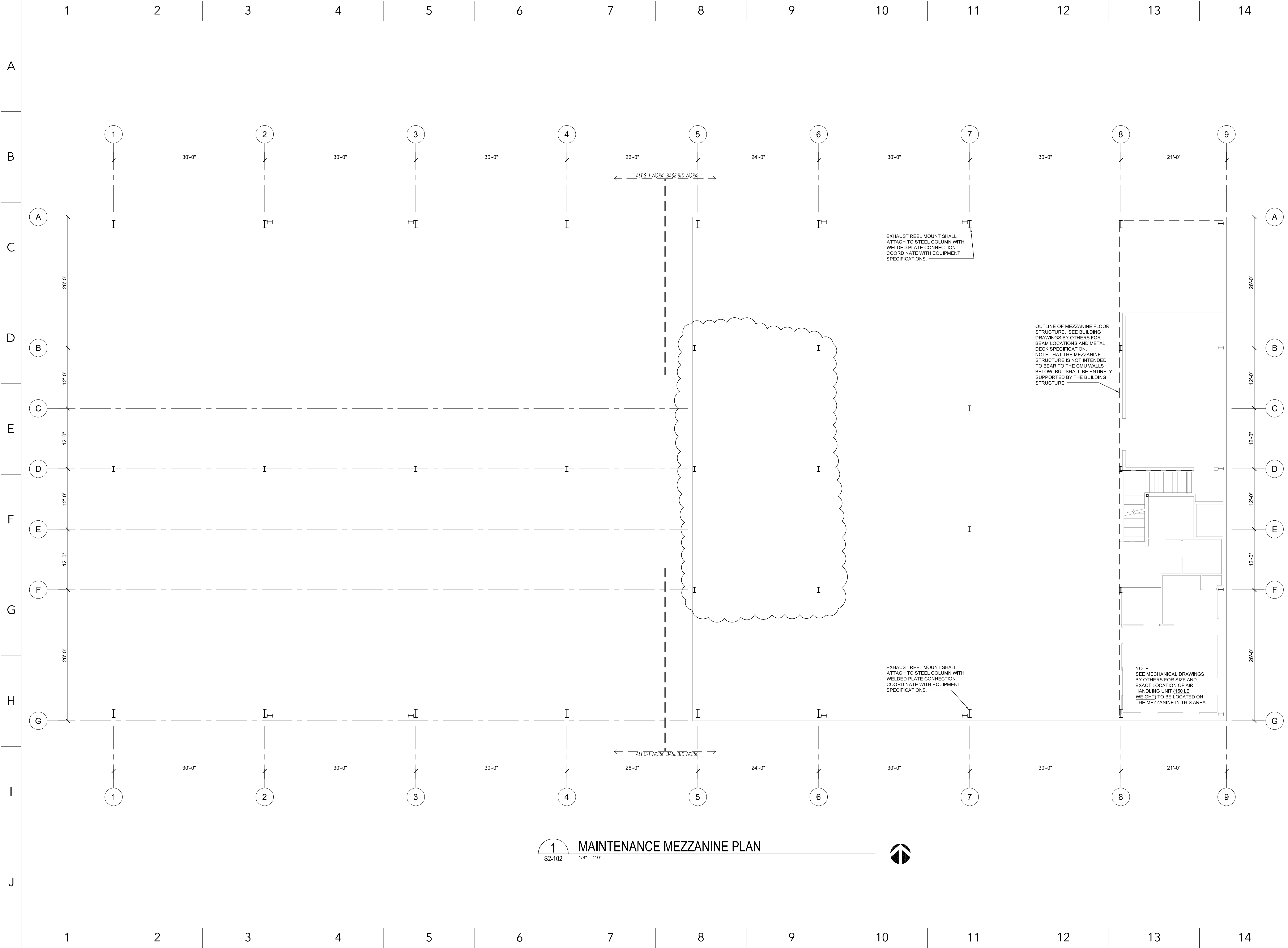
PROJECT ID: NCSO# 19-20001-02A

CONSTRUCTION DOCUMENTS

DRAWING:
MAINTENANCE SLAB
AND FOUNDATION PLAN

SHEET:
S2-101

DATE:
24 JUNE 2025



NO.		DESCRIPTION	DATE
1		ADDENDUM 1	8/4/25

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NORTH CAROLINA FOREST SERVICE REGION 1 HEADQUARTERS 02 Maintenance Building 260 AIRPORT ROAD KENANSVILLE, NORTH CAROLINA 28349	
OWNER: NC DEPT OF AGRICULTURE & CONSUMER SERVICES	
PROJECT ID: NCSO# 19-20001-02A	

CONSTRUCTION DOCUMENTS	
DRAWING: MAINTENANCE MEZZANINE PLAN	
SHEET: S2-102	
DATE: 24 JUNE 2025	

