John W. Thompson Architect, P.A.

September 26, 2026

Project Name: **BRW&S H2GO Administrative and Field Operations Complex (A+FO Complex)**
Adjacent to 146 Gregory Road, NE
Belville, NC 28451

Architect's Project Number: #342302

ADDENDUM NUMBER ONE

To: All Bidders

The following items add to, modify, clarify, or otherwise alter the Drawings and/or Specifications and will be a part of the Contract Documents. Where a portion of the Drawings and/or Specifications is added to, modified, or otherwise altered, the original portion not specifically affected herein shall remain in effect.

Bidders are advised that any information received from sources not listed in the Invitation for Bids is not warranted for reliability and the Bidder accepts the responsibility for any differences.

These documents may only be reproduced in whole by any Contractor or Subcontractor, including Drawings and Specifications. No partial documents may be reproduced or distributed by any party. Documents are all inclusive and information contained on one document is as if contained on all. Working from partial documents shall not serve as a basis of change for the Owner.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification.

ADDENDUM ITEMS

PROJECT MANUAL:

1. **Advertisement for Bids**

   A. **REVISE** the Bid Opening Time to **3:00 PM**. The Bid Date and Bid Opening Location REMAIN THE SAME.

   B. **CLARIFICATION:** The Bid Opening date cannot be delayed beyond October 6, 2026. See the following from the September 16, 2026, Pre-Bid Meeting Summary:

   "Article 1.b.iii - Following the bid opening on October 6, 2026 (and subsequent bid review), H2GO will be entering into a bond sale for the project on October 8, 2026. The project will then go to the November 6, 2026 North Carolina Local Government Commission (LGC). Due to this funding schedule, the bid date cannot be extended beyond October 6, 2026."

   C. **ADD** the following paragraph to the Advertisement for Bids:

   "Cost of Printed Bid Document Sets: $1,667.00 for the first set; $1,215.00 for each additional set, plus delivery."

2. Bidder's Checklists

A. Paragraph 1.1, Subparagraph A – Bid Form and Attachments.

1. **Delete** Item D- 1 and **REPLACE** it with the following:

"Proposed Subcontractor List - is **no longer required as a Bid Attachment**. The successful Bidder will be required to submit the following list of reasonably anticipated Subcontractors/Suppliers for the project within 10 days of the Notice of Intent to Award:

Sitework / Utilities	HVAC
Concrete	Electrical
Structural Steel / PEMB	Fire Sprinkler
Roofing	Fire Alarm
Plumbing	

Tabulation of Subcontractors referred to Article 7.02.B in the 00 4113 Bid Form is the same document as mentioned above and is deleted from the Bid Form Attachments requirement. Revised Bidder's Checklists and Proposed Subcontractor List forms are attached here and are uploaded to the OneDrive Common Access site individually in the Addendum #1 Sub-folder.

However, the Bidder must still complete the list of Prime Subcontractors as required on page 6 of the 00 4113 Bid Form, Article 7.0.4.

2. **Proposed Subcontractors List:** Revisions have been made for the title, submittal deadline and footer of Proposed Subcontractors List to comply. The Revised form is attached here for Contractor use and is uploaded individually to the Addendum #1 Subfolder.

3. Section 00 4413 – Single Prime Bid Form

A. **CLARIFICATION:**

1. The Project is intended to be bid as a complete campus development in accordance with the Contract Documents.

Bidders are advised that campus-wide sitework, grading, erosion control measures, storm drainage systems, utilities, paving, and rough-in mechanical, electrical, plumbing, and communications infrastructure are intended to support the overall campus development and are generally anticipated to remain part of the Project regardless of whether an individual building is ultimately included in the initial Contract award.

The building values identified in the Bid Form shall represent the value of the building and improvements directly associated with that building. Bidders should not allocate a disproportionate share of campus-wide infrastructure costs to any individual building value.

In the event the Owner elects not to award one or more buildings identified in the Bid Form, the Contract Sum may be adjusted by deducting the corresponding building value(s) identified in the accepted Bid. Sitewide infrastructure necessary to support the overall campus development shall be presumed to remain in the Work unless specifically modified by the Owner.

2. Article 7-Attachments to This Bid, Paragraph 7.02: **DELETE** Paragraph 7.02, Subparagraph B.

4. Section 01 2200 – Unit Prices

A. **CLARIFICATION:** Unit prices submitted with the Bid shall represent the Bidder's actual anticipated cost of performing the work, including labor, equipment, materials, overhead, and profit. Pursuant to Section 00 2213, the Owner reserves the right to review unit prices for material unbalancing and to consider such evaluation when determining the lowest responsive and responsible bidder.

5. **Section 01 4533 – Special Inspections**

   A. **CLARIFICATION:** "H2GO, as Owner, will retain and compensate the Special Inspector, Testing Agency/Testing Laboratory, Geotechnical Engineer, and Commissioning Authority as described in Section 01 4533 Special Inspections and related specification sections. Contractor shall provide coordination, access, notice, scheduling, quality control, and all support required for testing and inspections. Retesting or reinspections required due to failed work shall be at the Contractor's expense."

6. **Section 07 1326 – Self-Adhering Sheet Waterproofing**

   A. Part 2, Paragraph 2.02, Subparagraph A, Item 1: **ADD** Polyglass USA, Inc.; Mapethene HT 60 Modified Bituminous Sheet Waterproofing to the list of manufacturers/products that may be incorporated into the Work.

7. **Section 07 2726 – Fluid-Applied Membrane Air Barriers**

   A, Part 2, Paragraph 2.03, Subparagraph A, Item 1: **ADD** Polyglass USA, Inc.; VertiWrap VPL, Fluid-Applied, Vapor Permeable Membrane to the list of manufacturers/products that may be incorporated into the Work.

8. **Section 13 3419 - Metal Building Systems**

   A. See attached file for the complete Specification Section 13 3419 Metal Building Systems. This Specification Section is also uploaded to the OneDrive Common Access site individually in the Addendum #1 Sub-folder.

9. **Section 23 0800 - Commissioning of HVAC, §1.04.B.1**

   A. Contractor shall provide all commissioning support required by Section 23 0800, including subcontractors, controls contractor, TAB agency, labor, instruments, startup documentation, access, corrective work, and retesting. Delete the reference to the non-existent Division 01 "General Commissioning Requirements" section.

10. **Section 28 4621.11 – Addressable Fire Alarm Systems**

    A, Part 2, Paragraph 2.02, Subparagraph A: **ADD** Fire-Lite by Honeywell to the list of manufacturers/products that may be incorporated into the Work.

DRAWINGS REVISIONS:

ARCHITECTURAL DRAWING SHEET UPDATES: REVISION A1 | ADDENDUM #1 | BUILDING 01

Change 1 [Cloud Marker A1-1]: Automatic Door Updates

Automatic doors and associated push plates/pads updated.

Affected Sheets & Drawings:

- **01-A1-01a - FIRST FLOOR PLAN | WEST**: Keyed Notes Added at push pad locations.
- **01-A1-01b - FIRST FLOOR PLAN | EAST**: Keyed Notes Added at push pad locations.
- **01-A7-01 - DOOR AND FRAME SCHEDULES AND DETAILS**: Scheduled Accessories updated to remove HCPP.

Change 2 [Cloud Marker A1-2]: Stair and Railing Drawing Updates

Stair 01-121 and Stair 01-151 enlarged plans and details added.

Affected Sheets & Drawings:

- **01-A1-01a - FIRST FLOOR PLAN | WEST**: Detail key marker reference updated.
- **01-A1-01b - FIRST FLOOR PLAN | EAST**: Detail key marker reference updated.
- **01-A5-11 - ENLARGED STAIR PLANS AND DETAILS**: **NEW SHEET**
- **01-A5-12 - ENLARGED STAIR PLANS AND DETAILS**: **NEW SHEET**

Change 3 [Cloud Marker A1-3]: Curtainwall CW03 Modifications

Curtainwall CW03 reconfigured.

Affected Sheets & Drawings:

- **01-A2-02 - BUILDING ELEVATIONS | EAST / K1 - SOUTH BUILDING ELEVATION | EAST**: Curtainwall elevation updated.
- **01-A7-04 - STOREFRONT / CURTAINWALL ELEVATIONS**: Curtainwall CW03 elevation updated.

Change 4 [Cloud Marker A1-4]: Reflected Ceiling Plan Corrections

Print/display issues corrected for MR GWB, MR ACT, and standard GWB ceiling graphic representations. Second Floor Reflected Ceiling Plan | East corrected.

Affected Sheets & Drawings:

- **01-A1-11a FIRST FLOOR REFLECTED CEILING PLANS | WEST**: Missing ceiling labels added. Ceiling graphic representations corrected.
- **01-A1-11b FIRST FLOOR REFLECTED CEILING PLAN | EAST**: Ceiling graphic representations corrected.
- **01-A1-12a SECOND FLOOR REFLECTED CEILING PLANS | WEST**: Ceiling graphic representations corrected.
- **01-A1-12b SECOND FLOOR REFLECTED CEILING PLAN | EAST**: Plan replaced with correct ceiling plan.

Miscellaneous Architectural Items – Building 01

Remove the following Building Section Sheets with release date 17 February 2026.

Affected Sheets & Drawings:

- 01-A2-13 - Unsealed, dated 17 February 2026: **DELETE**
- 01-A2-14 - Unsealed, dated 17 February 2026: **DELETE**

ARCHITECTURAL DRAWING SHEET UPDATES: | ADDENDUM #1 | BUILDING 02

Change 01: Add cast stone wall caps at Mechanical Screen wall with notes.

Affected Sheets & Drawings:

Sheet 02-A1 First Floor Plan, Sheet 02-A2 Elevations, and Sheet 02-A2-01 Elevations

Change 02: Add new sheet 02-A2-01 with drawing 02-A2-01.01 Roof Plan Building 02

Change 03: Add new sheet 02-A5 Wall Types Legend – Details.

Change 04: Change material for GFM window sills to Cast Stone sills.

Affected Sheets & Drawings:

Sheet 02-A2 Elevations, and Sheet 02-A2-01 Elevations, all elevation drawings.

Change 05: Change wall material notes for concrete masonry finish from GFM to Split-Face CMU.

Affected Sheets & Drawings:

Sheet 02-A2 Elevations, and Sheet 02-A2-01 Elevations, all elevation drawings.

- **Sheet 02-A1 First Floor Plan:** Added 4" Thick Cast Stone Wall Cap w/ 3/4"/ft. slopes w/ recessed bottom for wall thickness. (ID 01)
- **Sheet 02-A1-04 Roof Plan: NEW SHEET** (ID 02)
- **Sheet 02-A2 Elevations:** Added Cast Stone Wall Cap (ID 01) and Revised Wall Material (ID 05)
- **Sheet 02-A2-01 Elevations:** Added Cast Stone Wall Cap (ID 01), Revised Sills (ID 04) and Revised Wall Material (ID 05)
- **Sheet 02-A5 Wall Types Legend Details: NEW SHEET** (ID 03)

ARCHITECTURAL DRAWING SHEET UPDATES: | ADDENDUM #1 | BUILDING 03

Change 01: Change wall type from 8" CMU to wall type with 12" CMU.

Change North wall of office area from WE-2AFIN to WE-1AFIN.

Affected Sheets & Drawings:

Sheet 03-A1 First Floor Plan.

Change 02: Revise original wall type label and add additional wall type on Column Line 7.

Change wall type labeled WE-6A to WE-6. Add Wall Type WE-6A for the wall type above Wall Type WE-6.

Affected Sheets & Drawings:

Sheet 03-A1 First Floor Plan, Sheet 03-A3 Building Sections (Drawing Section 03-A3.02), Sheet 03-A3-01 Building Sections (Drawing Section 03-A3-01.02), and Sheet 03-A3-03 Building Sections (Drawing Section 03-A3.02). See new Wall Type Legend, Sheet 03-A5 for wall descriptions.

Change 03: Add Cast Stone Wall Cap for Wall Type WE-6 at Column Line 7.

Add 4" thick Cast Stone Wall cap at top of Wall Type WE-6 at wall returns and abutting Wall Type WE-6A along full length of masonry wall (maximum segment length of 4'-0") to returned ends w/edge cutouts at steel columns. Return wall sections are sloped at sides and exposed ends with 1" overhangs and 3/4" per foot slope.

Affected Sheets & Drawings:

Sheet 03-A1 First Floor Plan, Sheet 03-A2 N/W Building Elevations (Drawing Section 03-A2.02 West Elevation), Sheet 03-A3 Building Sections (Drawing Section 03-A3.02 N/S Section), Sheet 03-A3-01 Building Sections (Drawing Section 03-A3-01.02), Sheet 03-A3-02 Building Sections, and Sheet 03-A3-03 Building Sections (Drawing Section 03-A3-03.2 E/W Section), See new Wall Type Legend. Sheet 03-A5 for wall descriptions.

Change 04: Revise Exterior Wall Description. Change description from Ground Faced Masonry (GFM) to Split Face CMU.

Affected Sheets & Drawings:

Sheet 03-A2 N/W Building Elevations (Drawing Sections 03-A2.01 and 03-A2.02), Sheet 03-A2-01 (Drawing Sections 03-A2-01.01 and 03-A2-01.02).

Change 05: Add note to provide Cast Stone Sills at masonry window openings.

Affected Sheets & Drawings:

Sheet 03-A2 N/W Building Elevations (Drawing Sections 03-A2.01 and 03-A2.02).

Change 06: Add New Sheet 03-A5 Wall Types Legend.

Change 07: Add Window Schedule and Window Elevations Types.

Affected Sheets & Drawings:

Sheet 03-A6 (Drawing Section 03-A6.03 Window Elevations-Types-Building 03 and Drawing Section 03-A6.04 Window Schedule-Building 03).

- **Sheet 03-A1 First Floor Plan:** Changed CMU from 8" to 12" (ID 01), Revised/Add Wall Types (ID 02), and Added Cast Stone Wall Cap (ID 03)
- **Sheet 03-A2 N/W/ Building Elevations:** Added Cast Stone Wall Cap (ID 03), Revised Wall Description (ID 04), and Added Cast Stone Sill Note (ID 05)
- **Sheet 03-A2-01 S/E Building Elevations:** Added Cast Stone Wall Cap (ID 03)
- **Sheet 03-A3 Building Sections:** Revised and Added Wall Type (ID 02) and Added Cast Stone Wall Cap (ID 03)
- **Sheet 03-A3-01 Building Sections:** Revised and Added Wall Type (ID 02) and Added Cast Stone Wall Cap (ID 03)
- **Sheet 03-A3-02 Building Sections: Added Cast Stone Wall Cap (ID 03)**
- **Sheet 03-A3-03 Building Sections:** Added Cast Stone Wall Cap (ID 03)
- **Sheet 03-A5 Wall Type Legend: NEW SHEET** (ID 06)
- **Sheet 03-A6 Door and Window Marker Location Plans:** Add 03-A6.03 Window Elevation Types (ID 07) and Add 03-A6.04 Window Schedule (ID 08)

ARCHITECTURAL DRAWING SHEET UPDATES: | ADDENDUM #1 | BUILDING 04

Change 01: Change Wall Type indicated as 8" insulated horizontal girts with metal wall panels each side to Type WI-5.

Affected Sheets & Drawings:

Sheet 04-A1 (Drawing Section 04-A1.01 Floor Plan).

Change 02: Change wall types for existing interior masonry walls as indicated.

Affected Sheets & Drawings:

Sheet 04-A1 (Drawing Section 04-A1.01 Floor Plan).

Change 03: Add Wall Type Legend Drawing 04-A1.03.

Affected Sheets & Drawings:

Sheet 04-A1 (Drawing Section 04-A1.01 Floor Plan).

- **Sheet 04-A1 First Floor Plan – Finish Schedule – Wall Types:** Revised Wall Types (ID 01), Revised Wall Type (ID 02), and Added 04-A1.03 Wall Types Legend (ID 03)

ARCHITECTURAL DRAWING SHEET UPDATES: | ADDENDUM #1 | BUILDING 06

Change 01: Add 06-A1.03 Wall Types Legend.

Affected Sheets & Drawings:

Sheet 06-A1 (Drawing Section 06-A1.03 Wall Types Legend).

Change 02: Correct Sheet Number – Change to 06-A1.

Affected Sheets & Drawings:

Sheet 06-A1 First Floor Plan – Finish Schedule.

- **Sheet 06-A1 First Floor Plan – Finish Schedule:** Revised Sheet Number (ID 02) and Added 06-A1.03 Wall Types Legend (ID 021)

FIRE PROTECTION DRAWING SHEET UPDATES: REVISION 1 | ADDENDUM #1 | BUILDING 03

- **Sheet 03-FP001 General Fire Sprinkler Notes:** Updated hydraulic calculation summary table to reflect updated piping layout.
- **Sheet 03-FP101 Level 1 Fire Sprinkler Plan:** Updated piping layout for dry system.
- **Sheet 03-FP102 Mezzanine Fire Sprinkler Plan:** Updated piping layout for sprinkler system and hydraulic remote area table. Added tags to sprinkler main pipe sizes.
- **Sheet 03-FP201 Fire Sprinkler Riser:** Added pipe size dimension tags.

GENERAL INFORMATION ITEMS

1. **BID OPENING TIME REVISED:** The **Bid Opening** time has been delayed by 1 hour to **3:00pm. The Bid Opening Date and Location REMAIN THE SAME.**

2. Bidders shall submit their Bid Package in accordance with Advertisement for Bid:

Hand Delivery PRIOR to Bid Opening or by Mail/Courier. Deliver to the attention of Bob Walker at the H2GO Office, 516 Village Rd, NE, Belville, NC 28451, **with Confirmed Delivery no later than 11:00am on Tuesday, October 6, 2026.**

Hand Delivery - DAY OF Bid Opening. Hand Delivered bids to be submitted in person/directly at the Bid Opening shall be submitted **no later than 3:00pm** on Tuesday, October 6, 2026.

3. The **Final Addendum** will be posted on the OneDrive Common Access site (using the access previously provided) **no later than 5:00pm on Tuesday, September 29, 2026.** It is the Bidders responsibility to verify they have received all Addenda; several are anticipated. Acknowledged Receipt of all Addenda on the Bid Form.

4. Interested Bidders may schedule individual Site Visits by contacting Bob Walker at bob.walker@h2gonc.gov or 910-371-9949 Ext. 1006 or Mobile 910-279-4581, at H2GO.

5. An onsite Test Pit Excavation was performed by an interested contractor on Monday, September 21, 2026 at 2:00pm. All known interested parties were invited by email to observe the excavation and to explore the site.

6. CAD files of the civil drawings are available upon request from Timmons Group, the Civil Engineer. Contact Brandon McLamb at Brandon.mclamb@timmons.com to obtain the required CAD File Release form.

CONTRACTOR QUESTION RESPONSES

1. **Contract:** This project is being bid as a Single Prime Contract with all work to be concurrent.
2. **Liquidated Damages Clarification:** Refer to A101-2017 §4/5; H2GO Modifications, Section 007300 §2.2 and Bid Form 00 4113, Article 6.03. The amount of First Tier Liquidated Damages stated in the A101-2017 Agreement §4.5 is incorrect; it should read $1,500 per day if Substantial Completion is not achieved within 600 days following the Notice-To-Proceed. Following Substantial Completion, the Contractor has an additional 60 days to achieve Final Completion. An additional $1,000 (Second Tier) per day (totaling $2,500 per day) in Liquidated Damages will be assessed for any time beyond the established Final Completion deadline.
3. **Division 00 and Division 01 Governing Specifications:** The H2GO Division 00 and Division 01 Modifications contains language to modify the Specification Sections referenced therein; it does not supersede them in their entirety. Page 1 states that in the event of a conflict between Divisions 00 and 01, the Division 00 directions shall govern.
4. **H2GO Complex Furnishings Schedule:** Refer to the H2GO Complex Furnishings Schedule included in the Project Specification Manual Volume #1 APPENDIX. This Schedule is prepared for listing each building, room and/or floor separately. The responsibility for provision of furnishings is designated in the headings on each page for Owner Furnished/Owner Installed (OF/OI), Owner Furnished/**C**ontractor **I**nstalled (OF/**CI**) and **C**ontractor **F**urnished/**C**ontractor **I**nstalled (**CF/CI**). Quantities are included for OF/CI and **CF/CI** furnishings for pricing; Quantities listed as TBD are for OF/OI furnishings.
5. **Security Access Controls and Cameras**: Will be provided and programmed by H2GO for all buildings and the site. Conduits and rough-in, as required, will be provided by the General Contractor. See H2GO Complex Furnishings Schedule in the Specification Manual Volume #1 Appendix.
6. **Sheet C4.12, Retaining Wall Clarification:**
   The Masonry Retaining Wall (75'+/-) called out on C4.12 is a segmental retaining wall.
   The Masonry Retaining Wall #1 (178' +/-) on C4.12 should be **deleted**; it is not in this project.
7. **Fire Protection/Suppression:**
   A. **Section 26 0580, §3.02.H.1 and §3.02.H.2.** There are no fire pumps or jockey pumps as part of the fire protection sprinkler system. Delete Fire-pump and Jockey pump references from Section 25 0580, §3.02.
   B. **Section 21 1313 §1.08.A.1 and §3.01.A, Section 21 1316 §1.08 and §3.01.A, and Section 33 1000 Sprinkler System Design.** Flow test data used was provided by H2GO and data used is provided on the fire protection drawings. Water system modeling was performed by Civil Engineering and based on those results, fire pumps were determined not to be needed.
   C. **Piping Design and Layout.** Final piping design and layout is the responsibility of the installing contractor. Piping shown can be modified by the installing contractor to ensure final system performance meets system performance requirements in a manner that they deem most efficient and cost effective.
   D. **Drawing Sheet 03-FP101 Dry System / Grid System.** The exterior canopy shall be designed per NFPA 13 standards. Updated drawing sheet 03-FP101 is attached showing the updated pipe routing arrangements.

E. **Drawing Sheet 03-FP102 System.** The system was calculated with an 8" underground, a 6" riser and a 4" look with 2.5" branchlines and 1" drops to the sprinklers for performance level design. Updated drawing sheet 03-FP102 showing pipe sizes shown for mains and branchlines is attached.

F. **Drawing Sheet S2.32F Future Mezzanine.** Sprinkler coverage for the future mezzanine area will be completed during a future project.

8. **Generator Clarification:** The electrical design basis is two Owner-furnished 400kW natural-gas engine generator sets. Final generator dimensions, weights, lifting requirements, conduit-entry locations and clearances shall be coordinated with the actual Owner-furnished equipment submittal prior to construction of pads and associated rough-in. Contractor responsibilities include receiving, rigging, setting, electrical installation and interconnection, grounding, controls, and the specified startup/testing/commissioning support.

SPECIFICATION SECTION and DRAWING SHEET Documents Included in ADDENDUM ONE;

NOTE – Only the Specification Sections listed below are attached to this Addendum; they are also uploaded individually to the Addendum #1 Subfolder. The Drawing Sheets listed below are only uploaded individually to the Addendum #1 Subfolder. All are accessible through the OneDrive Common Access link provided previously to all Plan Holders.

PROJECT MANUAL SPECIFICATION SECTIONS – Attached and Uploaded to Addendum #1 Subfolder.

- **Bidder's Checklists** (REV Addendum #1)
- **Proposed Subcontractors List** (REV Addendum #1) (No longer required with Bid Form)
- **13 3419 Metal Building Systems** – 11 pages **NEW**

DRAWING SHEETS – Uploaded to Addendum #1 Subfolder ONLY.

- Sheet 01-A1-01a - FIRST FLOOR PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-01b - FIRST FLOOR PLAN | EAST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-11a - FIRST FLOOR REFLECTED CEILING PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-11b - FIRST FLOOR REFLECTED CEILING PLAN | EAST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-12a - SECOND FLOOR REFLECTED CEILING PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-12b - SECOND FLOOR REFLECTED CEILING PLAN | EAST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-01a - FIRST FLOOR PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-01b - FIRST FLOOR PLAN | EAST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-11a - FIRST FLOOR REFLECTED CEILING PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-11b - FIRST FLOOR REFLECTED CEILING PLAN | EAST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-12a - SECOND FLOOR REFLECTED CEILING PLAN | WEST (Revision 1, Dated 09/24/26)
- Sheet 01-A1-12b - SECOND FLOOR REFLECTED CEILING PLAN | EAST (Revision 1, Dated 09/24/26)
- 01-A5-11 - ENLARGED STAIR PLANS AND DETAILS: **NEW SHEET** (Dated 09/24/26)
- 01-A5-12 - ENLARGED STAIR PLANS AND DETAILS: **NEW SHEET** (Dated 09/24/26)

- Sheet 02-A1 First Floor Plan (Revision 1, Dated 9/24/26)
- Sheet 02-A2 Elevations (Revision 1, Dated 9/24/26)
- Sheet 02-A2-01 Elevations (Revision 1, Dated 9/24/26)
- Sheet 03-A1 First Floor Plan (Revision 1, Dated 9/24/26)
- Sheet 03-A2 N/W/ Building Elevations (Revision 1, Dated 9/24/26)
- Sheet 03-A2-01 S/E Building Elevations (Revision 1, Dated 9/24/26)
- Sheet 03-A3 Building Sections (Revision 1, Dated 9/24/26)
- Sheet 03-A3-01 Building Sections (Revision 1, Dated 9/24/26)
- Sheet 03-A3-02 Building Sections (Revision 1, Dated 9/24/26)
- Sheet 03-A3-03 Building Sections (Revision 1, Dated 9/24/26)
- Sheet 03-A6 Door and Window Marker Location Plans (Revision 1, Dated 9/24/26)

- Sheet 04-A1 First Floor Plan – Finish Schedule – Wall Types (Revision 1, Dated 9/24/26)
- Sheet 06-A1 First Floor Plan – Finish Schedule (Revision 1, Dated 9/24/26)
- 02-A1-04 Roof Plan **NEW SHEET** (Dated 9/24/26)
- 02-A5 Wall Types Legend Details **NEW SHEET** (Dated 9/24/26)
- 03-A5 Wall Type Legend: **NEW SHEET** (Dated 9/24/26)

- Sheet 03-FP001 - General Fire Sprinkler Notes (Revision 1, Dated 09/24/26)
- Sheet 03-FP101 - Level 1 Fire Sprinkler Plan (Revision 1, Dated 09/24/26)
- Sheet 03-FP102 - Mezzanine Fire Sprinkler Plan (Revision 1, Dated 09/24/26)
- Sheet 03-FP201 - Fire Sprinkler Riser (Revision 1, Dated 09/24/26)

END OF ADDENDUM ONE

Submitted by: John W. Thompson, Architect, P.A.
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Belville, North Carolina, 28451
john@johnwthompsonarchitect.com

BIDDER'S CHECKLISTS

1.1 This Bidder's Checklist shall be included as the First Page of the submitted bidding documents. As outlined in Article 7 of the Bid Form, the following items shall be included with the submitted bidding documents.

A. Bid Form and Attachments (Include in Bid Envelope Number 1):

	A.	**This Bidder's Checklist #A-1**
	B.	Bidder's Certification
	C.	Security in the form of a **Bid Bond** or **Certified Check** in the amount of 5% of the enclosed Bid. (Circle type of Security provided.) 1. **AIA Document A310-2010 Bid Bond**; Bid Bond shall include an executed Power of Attorney. **OR** 2. **Certified Check for 5% of the Bid Amount.**
	D.	Properly Executed Bid Form with all Bid Attachments shown below (Including acknowledgement of receipt of all Addenda within Bid Form).
		Bid Attachments (Required in Order):
	1.	Proposed Subcontractors List – **DELETE – No longer required as a Bid Attachment**. The successful Bidder will be required to submit this list of reasonably anticipated Subcontractors and/or Suppliers for the project within 10 days of the Notice of Intent to Award. **See Addendum #1 for Revised Form.**
	2.	Identification of Minority Business Participation Form (MBForms 2002-Revised July 2010)
	3.	H2GO Good Faith Effort Affidavit, Signed and Notarized
	4.	E-Verify Affidavit, Signed and Notarized
	5.	Iran Divestment Act, Signed
	6.	Non-Collusion Affidavit, Signed and Notarized

B. Bidder's Qualification Statement (Include in Bid Envelope Number 2):

	A.	**This Bidder's Checklist #B-2**
	B.	**Bidder Qualification Documents.** See Specification Section 00 2213 Supplementary Conditions, Article 4.3.1.3 and Article 5.2.1.

END OF BIDDER'S CHECKLISTS

PROPOSED SUBCONTRACTORS LIST -
TO BE SUBMITTED WITHIN 10 DAYS OF THE NOTICE OF INTENT TO AWARD. (REV. Addendum #1)

Work/Firm Name	**Address**	**Phone Number**
Sitework / Utilities		
Concrete		
Structural Steel		
PEMB		
Mechanical		
Plumbing		
Electrical		
Fire Suppression		
Fire Alarm		

NOTE: Provide additional sheets, if necessary, for complete Proposed Subcontractors List.

END OF PROPOSED SUBCONTRACTORS LIST

SECTION 13 3419 - METAL BUILDING SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Structural-steel framing.
2. Metal wall liner panels.
3. Accessories.

B. Related Requirements:
1. Section 05 3100 Steel Decking for metal building systems.
2. Section 07 2100 Thermal Insulation
3. Section 07 4213 Metal Wall Panels for exterior wall panels for metal building systems.
4. Section 07 4293 Metal Soffit Panels for metal building systems.
5. Section 07 4113.16 FL Standing Seam Metal Roof Panels for roof panels, gutters, downspouts, and metal trim for metal building systems.
6. Section 08 1113 Hollow Metal Doors and Frames
7. Section 08 3323 Overhead Coiling Doors for coiling vehicular doors in metal building systems.
8. Section 08 4113 Aluminum Framed Entrances and Storefronts
9. Section 08 8100 Glazing for glazing of entrances and storefronts.

1.2 DEFINITIONS

A. Terminology Standard: See MBMA's "Metal Building Systems Manual" for definitions of terms for metal building system construction not otherwise defined in this Section or in standards referenced by this Section.

1.3 COORDINATION

A. Coordinate sizes and locations of concrete foundations and casting of anchor-rod inserts into foundation walls and footings. Anchor rod installation, concrete, reinforcement, and formwork requirements are specified in Section 03 3000 "Cast-in-Place Concrete."

B. Coordinate metal panel assemblies with rain drainage work, flashing, trim, and construction of supports and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.4 PRE-INSTALLATION MEETINGS

A. Pre-Installation Conference: Conduct conference at Project site.
1. Review methods and procedures related to metal building systems including, but not limited to, the following:
a. Condition of foundations and other preparatory work performed by other trades.
b. Structural load limitations.
c. Construction schedule. Verify availability of materials and erector's personnel, equipment, and facilities needed to make progress and avoid delays.
d. Required tests, inspections, and certifications.
e. Unfavorable weather and forecasted weather conditions and impact on construction schedule.

2. Review methods and procedures related to metal roof panel assemblies including, but not limited to, the following:
    a. Compliance with requirements for purlin and rafter conditions, including flatness and attachment to structural members.
    b. Structural limitations of purlins and rafters during and after roofing.
3. Review methods and procedures related to metal wall panel assemblies including, but not limited to, the following:
    a. Compliance with requirements for support conditions, including alignment between and attachment to structural members.
    b. Structural limitations of girts and columns during and after wall panel installation.
    c. Flashings, special siding details, wall penetrations, openings, and condition of other construction that will affect metal wall panels.
    d. Temporary protection requirements for metal wall panel assembly during and after installation.
    e. Wall observation and repair after metal wall panel installation.

1.5 ACTION SUBMITTALS

A. Product Data: For each type of metal building system component.
1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for the following:
    a. Thermal insulation.

B. Shop Drawings: Indicate components by others. Include full building plan, elevations, sections, details and the following:
1. Anchor-Rod Plans: Submit anchor-rod plans and templates before foundation work begins. Include location, diameter, and minimum required projection of anchor rods required to attach metal building to foundation. Indicate column reactions at each location.
2. Structural-Framing Drawings: Show complete fabrication of primary and secondary framing; include provisions for openings. Indicate welds and bolted connections, distinguishing between shop and field applications. Include transverse cross-sections.
    a. Show wall-mounted items including vehicular doors, and lighting fixtures.

C. Samples for Initial Selection: For units with factory-applied finishes.

D. Samples for Verification: For the following products:
1. Accessories: Nominal 12-inch- (300-mm-) long Samples for each type of accessory.

E. Delegated Design Submittals: For metal building systems.
1. Include analysis data indicating compliance with performance requirements and design data signed and sealed by the qualified professional engineer responsible for their preparation.

1.6 INFORMATIONAL SUBMITTALS

A. Qualification Data: For manufacturer.

B. Welding Certificates.

C. Letter of Design Certification: Signed and sealed by a qualified professional engineer. Include the following:
   1. Name and location of Project.
   2. Order number.
   3. Name of manufacturer.
   4. Name of Contractor.
   5. Building dimensions including width, length, height, and roof slope.
   6. Indicate compliance with AISC standards for hot-rolled steel and AISI standards for cold-rolled steel, including edition dates of each standard.
   7. Governing building code and year of edition.
   8. Design Loads: Include dead load, roof live load, collateral loads, roof snow load, deflection, wind loads/speeds and exposure, seismic design category or effective peak velocity-related acceleration/peak acceleration, and auxiliary loads (cranes).
   9. Load Combinations: Indicate that loads were applied acting simultaneously with concentrated loads, according to governing building code.
   10. Building-Use Category: Indicate category of building use and its effect on load importance factors.

D. Material Test Reports: For each of the following products:
   1. Structural steel including chemical and physical properties.
   2. Bolts, nuts, and washers including mechanical properties and chemical analysis.
   3. Tension-control, high-strength, bolt-nut-washer assemblies.
   4. Shop primers.
   5. Non-shrink grout.

E. Source Quality-Control Reports.

F. Sample Warranties: For special warranties.

1.7 CLOSEOUT SUBMITTALS

A. Maintenance Data: For metal panel finishes and door hardware to include in maintenance manuals.

1.8 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer.
   1. Accreditation: Manufacturer's facility accredited according to IAS AC472, "Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems."
   2. Engineering Responsibility: Preparation of comprehensive engineering analysis and Shop Drawings by a professional engineer who is legally qualified to practice in jurisdiction where Project is located.

B. Erector Qualifications: An experienced erector who specializes in erecting and installing work similar in material, design, and extent to that indicated for this Project and who is acceptable to manufacturer.

C. Welding Qualifications: Qualify procedures and personnel according to the following:
   1. AWS D1.1/D1.1M, "Structural Welding Code - Steel."
   2. AWS D1.3, "Structural Welding Code - Sheet Steel."

D. Land Surveyor Qualifications: A professional land surveyor who practices in jurisdiction where Project is located and who is experienced in providing surveying services of the kind indicated.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, sheets, panels, and other manufactured items so as not to be damaged or deformed. Package metal panels for protection during transportation and handling.

B. Unload, store, and erect metal panels in a manner to prevent bending, warping, twisting, and surface damage.

C. Stack metal panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal panels to ensure dryness, with positive slope for drainage of water. Do not store metal panels in contact with other materials that might cause staining, denting, or other surface damage.

D. Protect foam-plastic insulation as follows:

1. Do not expose to sunlight, except to extent necessary for period of installation and concealment.
2. Protect against ignition at all times. Do not deliver foam-plastic insulation materials to Project site before installation time.
3. Complete installation and concealment of foam-plastic materials as rapidly as possible in each area of construction.

1.10 FIELD CONDITIONS

A. Weather Limitations: Proceed with panel installation only when weather conditions permit metal panels to be installed according to manufacturers' written instructions and warranty requirements.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers:

1. Butler Manufacturing Company; www.butlermfg.com
2. Ceco Building Systems; www.cecobuildings.com
3. Chief Buildings; www.chiefbuildings.com
4. Kirby Building Systems (a Nucor Company); www.kirbybuildingsystems.com
5. Metallic Building Systems; www.metallic.com
6. Nucor Building Systems; www.nucorbuildingsystems.com
7. Red Dot Buildings; www.reddotbuildings.com
8. VP Buildings; www.vp.com

B. Source Limitations: Obtain metal building system components, including primary and secondary framing and metal panel assemblies, from single source from single manufacturer.

2.2 SYSTEM DESCRIPTION

A. Provide a complete, integrated set of mutually dependent components and assemblies that form a metal building system capable of withstanding structural and other loads, thermally induced movement, and exposure to weather without failure or infiltration of water into building interior.

B. Primary-Frame Type:

1. Rigid Clear Span: Solid-member, structural-framing system without interior columns.

C. End-Wall Framing:

1. Manufacturer's standard, for buildings not required to be expandable, consisting of primary frame, capable of supporting one-half of a bay design load, and end-wall columns.

D. Secondary-Frame Type: Manufacturer's standard purlins and joists with flush-framed exterior and framed (bypass) girts.

E. Eave Height: Manufacturer's standard height, as indicated by nominal height on Drawings.

F. Bay Spacing: As indicated on Drawings.

G. Roof Slope: 1 inch per 12 inches (1:12).

2.3 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design metal building system.

B. Structural Performance: Metal building systems to withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated according to procedures in MBMA's "Metal Building Systems Manual."

1. Design Loads: As indicated on Drawings.
2. Deflection and Drift Limits:
    a. Design metal building system assemblies to withstand serviceability design loads without exceeding deflections and drift limits recommended in AISC Steel Design Guide No. 3 "Serviceability Design Considerations for Steel Buildings."
    b. No greater than the following:
        1) Purlins and Rafters: Vertical deflection of 1/360 of the span.
        2) Girts: Horizontal deflection of 1/240 of the span.
        3) Design secondary-framing system to accommodate deflection of primary framing and construction tolerances, and to maintain clearances at openings.

C. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

D. Structural Performance for Metal Roof and Wall Panels: Provide metal panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E1592:

1. Wind Loads: As indicated on Drawings.

2.4 STRUCTURAL-STEEL FRAMING

A. Structural Steel: Comply with AISC 360, "Specification for Structural Steel Buildings."

B. Bolted Connections: Comply with RCSC's "Specification for Structural Joints Using High-Strength Bolts."

C. Cold-Formed Steel: Comply with AISI's "North American Specification for the Design of Cold-Formed Steel Structural Members" for design requirements and allowable stresses.

D. Primary Framing: Manufacturer's standard primary-framing system, designed to withstand required loads and specified requirements. Primary framing includes transverse frames; rafters, rake, and canopy beams; sidewall, intermediate, end-wall, and corner columns; and wind bracing.

1. General: Provide frames with attachment plates, bearing plates, and splice members. Factory drill for field-bolted assembly. Provide frame span and spacing indicated.

a. Slight variations in span and spacing may be acceptable if necessary to comply with manufacturer's standard, as approved by Architect.

2. Rigid Clear-Span Frames: I-shaped frame sections fabricated from shop-welded, built-up steel plates or structural-steel shapes. Interior columns are not permitted except as shown for interior wall framing with girts.

3. Long-Bay Frames: I-shaped frame sections fabricated from shop-welded, built-up steel plates or structural-steel shapes. Provide interior columns fabricated from round steel pipes or tubes, or shop-welded, built-up steel plates.

4. Frame Configuration: One-directional, sloped.

5. Exterior Column: Uniform depth and Tapered. Uniform column depth required for masonry partition construction located along column lines.

6. Rafter: Uniform depth.

E. End-Wall Framing: Manufacturer's standard primary end-wall framing fabricated for field-bolted assembly to comply with the following:

1. End-Wall and Corner Columns: I-shaped sections fabricated from structural-steel shapes; shop-welded, built-up steel plates; or C-shaped, cold-formed, structural-steel sheet.

2. End-Wall Rafters: C-shaped, cold-formed, structural-steel sheet; or I-shaped sections fabricated from shop-welded, built-up steel plates or structural-steel shapes.

F. Secondary Framing: Manufacturer's standard secondary framing, including purlins, girts, eave struts, flange bracing, base members, gable angles, clips, headers, jambs, and other miscellaneous structural members. Unless otherwise indicated, fabricate framing from either cold-formed, structural-steel sheet or roll-formed, metallic-coated steel sheet, pre-painted with coil coating, to comply with the following:

1. Purlins:

a. C- or Z-shaped sections; fabricated from built-up steel plates, steel sheet, or structural-steel shapes; minimum 2-1/2-inch- (64-mm-) wide flanges.

1) Depth: As needed to comply with system performance requirements.

2. Girts: C- or Z-shaped sections; fabricated from built-up steel plates, steel sheet, or structural-steel shapes. Form ends of Z-sections with stiffening lips angled 40 to 50 degrees from flange, with minimum 2-1/2-inch- (64-mm-) wide flanges.

a. Depth: As required to comply with system performance requirements.

3. Eave Struts: Unequal-flange, C-shaped sections; fabricated from built-up steel plates, steel sheet, or structural-steel shapes; to provide adequate backup for metal panels.
4. Flange Bracing: Minimum 2-by-2-by-1/8-inch (51-by-51-by-3-mm) structural-steel angles or 1-inch- (25-mm-) diameter, cold-formed structural tubing to stiffen primary-frame flanges.
5. Sag Bracing: Minimum 1-by-1-by-1/8-inch (25-by-25-by-3-mm) structural-steel angles.
6. Base or Sill Angles: Manufacturer's standard base angle, minimum 3-by-2-inch (76-by-51-mm), fabricated from zinc-coated (galvanized) steel sheet.
7. Purlin and Girt Clips: Manufacturer's standard clips fabricated from steel sheet. Provide galvanized clips where clips are connected to galvanized framing members.
8. Framing for Openings: Channel shapes; fabricated from cold-formed, structural-steel sheet or structural-steel shapes. Frame head and jamb of door openings and head, jamb, and sill of other openings.
9. Miscellaneous Structural Members: Manufacturer's standard sections fabricated from cold-formed, structural-steel sheet; built-up steel plates; or zinc-coated (galvanized) steel sheet; designed to withstand required loads.

G. Canopy Framing: Manufacturer's structural-framing system, designed to withstand required loads; fabricated from shop-welded, built-up steel plates or structural-steel shapes. Provide frames with attachment plates and splice members, factory drilled for field-bolted assembly.
1. Type: Straight-beam, eave type, and Purlin-extension type. As indicated.

H. Bracing: Provide adjustable wind bracing as follows:
1. Rigid Portal Frames: Fabricated from shop-welded, built-up steel plates or structural-steel shapes to match primary framing; of size required to withstand design loads.
2. Fixed-Base Columns: Fabricated from shop-welded, built-up steel plates or structural-steel shapes to match primary framing; of size required to withstand design loads.
3. Diaphragm Action of Metal Panels: Design metal building to resist wind forces through diaphragm action of metal panels.

I. Materials:
1. W-Shapes: ASTM A992/A992M; ASTM A572/A572M, Grade 50 or 55 (345 or 380); or ASTM A529/A529M, Grade 50 or 55 (345 or 380).
2. Channels, Angles, M-Shapes, and S-Shapes: ASTM A36/A36M; ASTM A572/A572M, Grade 50 or 55 (345 or 380); or ASTM A529/A529M, Grade 50 or 55 (345 or 380).
3. Plate and Bar: ASTM A36/A36M; ASTM A572/A572M, Grade 50 or 55 (345 or 380); or ASTM A529/A529M, Grade 50 or 55 (345 or 380).
4. Steel Pipe: ASTM A53/A53M, Type E or S, Grade B.
5. Cold-Formed Hollow Structural Sections: ASTM A500, Grade B or C, structural tubing.
6. Structural-Steel Sheet: Hot-rolled, ASTM A1011/A1011M, Structural Steel (SS), Grades 30 through 55 (205 through 380), or High-Strength Low-Alloy Steel (HSLAS) or High-Strength Low-Alloy Steel with Improved Formability (HSLAS-F), Grades 45 through 70 (310 through 480); or cold-rolled, ASTM A1008/A1008M, Structural Steel

(SS), Grades 25 through 80 (170 through 550), or HSLAS, Grades 45 through 70 (310 through 480).

7. Metallic-Coated Steel Sheet: ASTM A653/A653M, SS, Grades 33 through 80 (230 through 550), or HSLAS or HSLAS-F, Grades 50 through 80 (340 through 550); with G60 (Z180) coating designation; mill phosphatized.
8. Metallic-Coated Steel Sheet Pre-painted with Coil Coating: Steel sheet, metallic coated by the hot-dip process and pre-painted by the coil-coating process to comply with ASTM A755/A755M.
    a. Zinc-Coated (Galvanized) Steel Sheet: ASTM A653/A653M, SS, Grades 33 through 80 (230 through 550), or HSLAS or HSLAS-F, Grades 50 through 80 (340 through 550); with G90 (Z275) coating designation.
    b. Aluminum-Zinc Alloy-Coated Steel Sheet: ASTM A792/A792M, SS, Grade 50 or 80 (340 or 550); with Class AZ50 (AZM150) coating.
9. Non-High-Strength Bolts, Nuts, and Washers: ASTM A307, Grade A, carbon-steel, hex-head bolts; ASTM A563 (ASTM A563M) carbon-steel hex nuts; and ASTM F844 plain (flat) steel washers.
    a. Finish: Hot-dip zinc coating, ASTM F2329, Class C for exterior exposed steel framing applications. Mechanically deposited zinc coating, ASTM B695, Class 50 for concealed applications.
10. High-Strength Bolts, Nuts, and Washers, Grade A325 (Grade A325M): ASTM F3125/F3125M, Type 1, heavy-hex steel structural bolts; ASTM A563, Grade DH, (ASTM A563M, Class 10S) heavy-hex carbon-steel nuts; and ASTM F436/F436M, Type 1, hardened carbon-steel washers.
    a. Finish: Hot-dip zinc coating, ASTM F2329, Class C for exterior exposed steel framing applications. Mechanically deposited zinc coating, ASTM B695, Class 50 for concealed applications.
11. High-Strength Bolts, Nuts, and Washers, Grade A490 (Grade A490M): ASTM F3125/F3125M, Type 1, heavy-hex steel structural bolts or Grade F2280 tension-control, bolt-nut-washer assemblies with splined ends; ASTM A563, Grade DH, (ASTM A563M, Class 10S) heavy-hex carbon-steel nuts; and ASTM F436/F436M, Type 1, hardened carbon-steel washers; all with plain finish.

2.5 METAL WALL PANELS

A. Tapered-Rib, Metal Liner Panels: Formed with raised, trapezoidal major ribs and flat pan between major ribs; designed to be installed by lapping side edges of adjacent panels and mechanically attaching panels to supports using exposed fasteners in side laps.
    1. Material: Zinc-coated (galvanized) or aluminum-zinc alloy-coated steel sheet, 0.024-inch (0.61-mm) nominal uncoated steel thickness. Pre-painted by the coil-coating process to comply with ASTM A755/A755M.
        a. Exterior Finish: Siliconized polyester.
        b. Color: As selected by Architect from manufacturer's full range.
    2. Major-Rib Spacing: 12 inches (305 mm) o.c.
    3. Panel Coverage: 36 inches (914 mm).
    4. Panel Height: 1.25 inches (32 mm).

2.6 ACCESSORIES

A. General: Provide accessories as standard with metal building system manufacturer and as specified. Fabricate and finish accessories at the factory to greatest extent possible,

by manufacturer's standard procedures and processes. Comply with indicated profiles and with dimensional and structural requirements.

1. Form exposed sheet metal accessories that are without excessive oil-canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.

B. Wall Panel Accessories: Provide components required for a complete metal wall panel assembly including copings, base, sills, corner units, clips, fillers, closure strips, and similar items. Match material and finish of metal wall panels unless otherwise indicated.

2.7 FABRICATION

A. General: Design components and field connections required for erection to permit easy assembly.

1. Mark each piece and part of the assembly to correspond with previously prepared erection drawings, diagrams, and instruction manuals.
2. Fabricate structural framing to produce clean, smooth cuts and bends. Punch holes of proper size, shape, and location. Members to be free of cracks, tears, and ruptures.

B. Tolerances: Comply with MBMA's "Metal Building Systems Manual" for fabrication and erection tolerances.

C. Primary Framing: Shop fabricate framing components to indicated size and section, with baseplates, bearing plates, stiffeners, and other items required for erection welded into place. Cut, form, punch, drill, and weld framing for bolted field assembly.

1. Make shop connections by welding or by using high-strength bolts.
2. Join flanges to webs of built-up members by a continuous, submerged arc-welding process.
3. Brace compression flange of primary framing with steel angles or cold-formed structural tubing between frame web and purlin web or girt web, so flange compressive strength is within allowable limits for any combination of loadings.
4. Weld clips to frames for attaching secondary framing if applicable, or punch for bolts.
5. Shop Priming: Prepare surfaces for shop priming according to SSPC-SP 2. Shop prime primary framing with specified primer after fabrication.

D. Secondary Framing: Shop fabricate framing components to indicated size and section by roll forming or break forming, with baseplates, bearing plates, stiffeners, and other plates required for erection welded into place. Cut, form, punch, drill, and weld secondary framing for bolted field connections to primary framing.

1. Make shop connections by welding or by using non-high-strength bolts.
2. Shop Priming: Prepare uncoated surfaces for shop priming according to SSPC-SP 2. Shop prime uncoated secondary framing with specified primer after fabrication.

2.8 SOURCE QUALITY CONTROL

A. Special Inspection: Owner will engage a qualified special inspector to perform source quality control inspections and to submit reports.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with erector present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Before erection proceeds, survey elevations and locations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedments to receive structural framing, with erector present, for compliance with requirements and metal building system manufacturer's tolerances.

1. Engage land surveyor to perform surveying.

C. Proceed with erection only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition.

B. Provide temporary shores, guys, braces, and other supports during erection to keep structural framing secure, plumb, and in alignment against temporary construction loads and loads equal in intensity to design loads. Remove temporary supports when permanent structural framing, connections, and bracing are in place unless otherwise indicated.

3.3 ERECTION OF STRUCTURAL FRAMING

A. Erect metal building system according to manufacturer's written instructions and drawings.

B. Do not field cut, drill, or alter structural members without written approval from metal building system manufacturer's professional engineer.

C. Set structural framing accurately in locations and to elevations indicated, according to AISC specifications referenced in this Section. Maintain structural stability of frame during erection.

D. Base and Bearing Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.

1. Set plates for structural members on wedges, shims, or setting nuts as required.
2. Promptly pack grout solidly between bearing surfaces and plates so no voids remain. Neatly finish exposed surfaces; protect grout and allow to cure. Comply with manufacturer's written installation instructions for shrinkage-resistant grouts.

E. Align and adjust structural framing before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that will be in permanent contact with framing. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.

1. Level and plumb individual members of structure.
2. Make allowances for difference between temperature at time of erection and mean temperature when structure will be completed and in service.

F. Primary Framing and End Walls: Erect framing level, plumb, rigid, secure, and true to line. Level baseplates to a true even plane with full bearing to supporting structures, set with

double-nutted anchor bolts. Use grout to obtain uniform bearing and to maintain a level base-line elevation. Moist-cure grout for not less than seven days after placement.

1. Make field connections using high-strength bolts installed according to RCSC's "Specification for Structural Joints Using High-Strength Bolts" for bolt type and joint type specified.
    a. Joint Type: Snug tightened or pre-tensioned as required by manufacturer.

G. Secondary Framing: Erect framing level, plumb, rigid, secure, and true to line. Field bolt secondary framing to clips attached to primary framing.

1. Provide rake or gable purlins with tight-fitting closure channels and fasciae.
2. Locate and space wall girts to suit openings such as doors and windows.
3. Provide supplemental framing at entire perimeter of openings, including doors, rolling doors, louvers, ventilators, and other penetrations of roof and walls.

H. Framing for Openings: Provide shapes of proper design and size to reinforce openings and to carry loads and vibrations imposed, including equipment furnished under mechanical and electrical work. Securely attach to structural framing.

I. Erection Tolerances: Maintain erection tolerances of structural framing within AISC 303.

3.4 ACCESSORY INSTALLATION

A. General: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with corrosion-resistant coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by manufacturer.

3.5 FIELD QUALITY CONTROL

A. Special Inspections: Owner will engage a qualified special inspector to perform field quality control special inspections and to submit reports.

3.6 CLEANING AND PROTECTION

A. Repair damaged galvanized coatings on galvanized items with galvanized repair paint according to ASTM A780/A780M and manufacturer's written instructions.

1. After erection, promptly clean, prepare, and prime or reprime field connections, rust spots, and abraded surfaces of prime-painted structural framing, bearing plates, and accessories.
    a. Clean and prepare surfaces by SSPC-SP 2, "Hand Tool Cleaning," or by SSPC-SP 3, "Power Tool Cleaning."
    b. Apply a compatible primer of same type as shop primer used on adjacent surfaces.

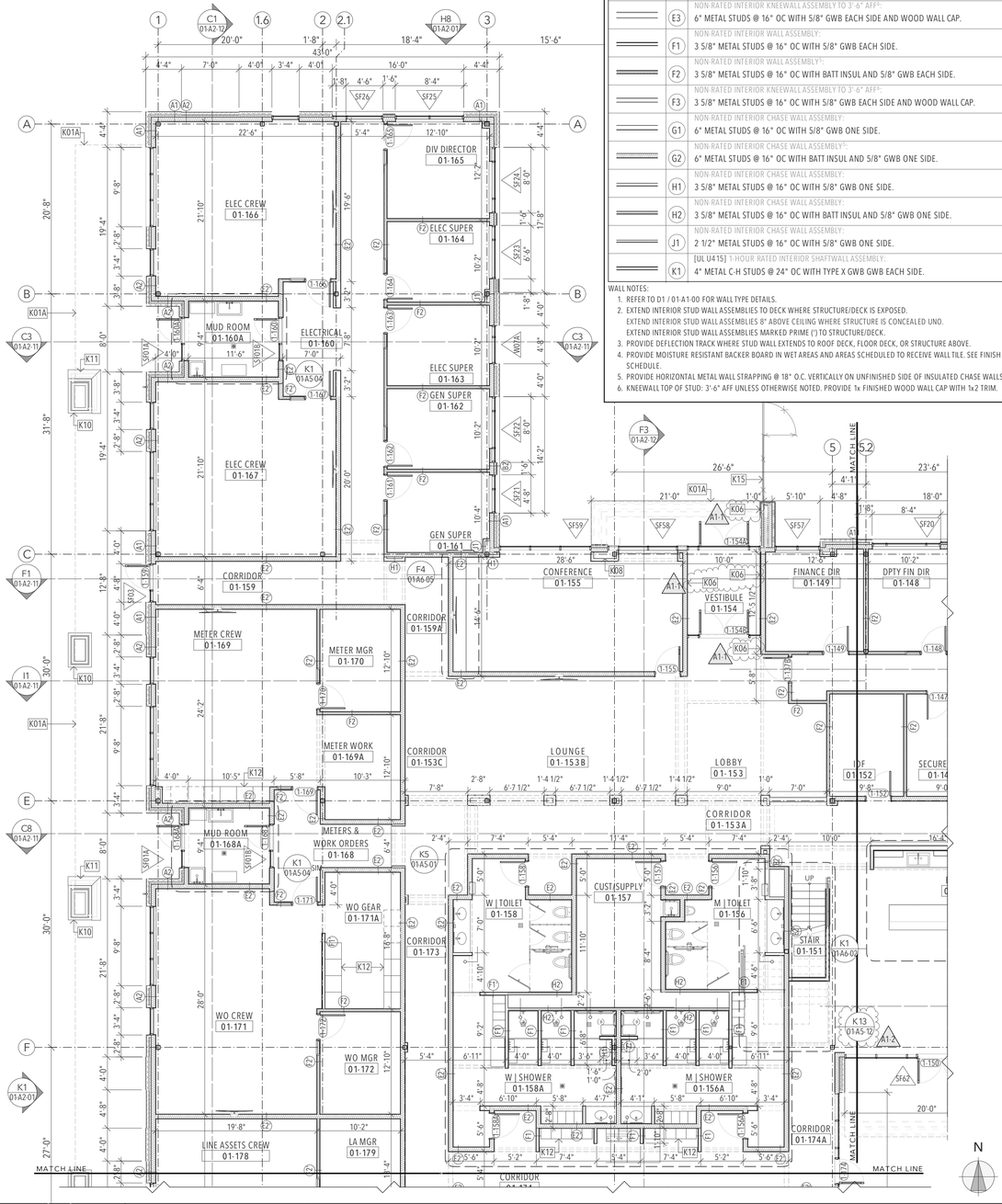
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WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
	C1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND CONCEALED FASTENER METAL PANELS ON METAL FURRING.
	D1	NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY*: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.
	F3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY*: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1-HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

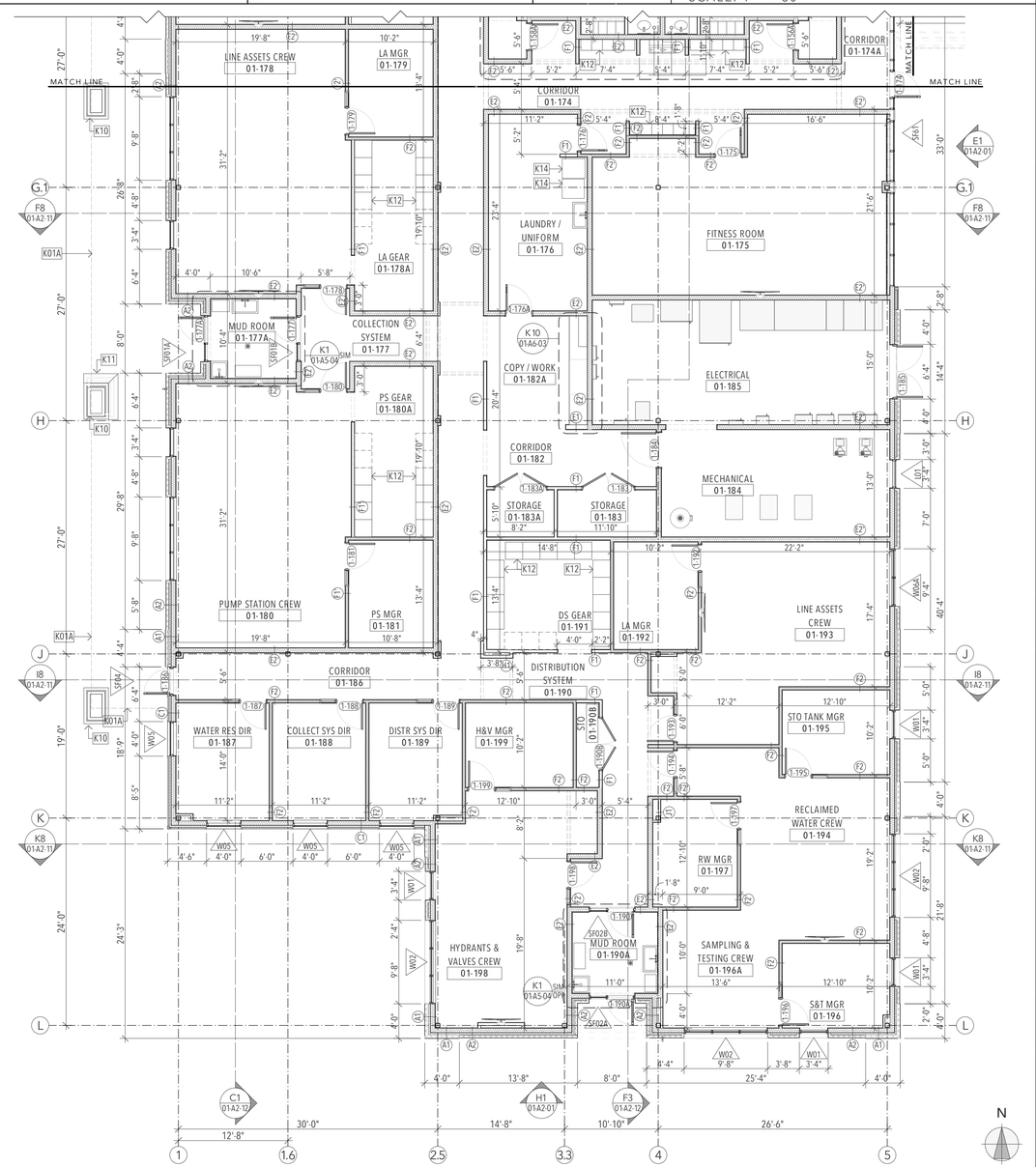
WALL NOTES:

1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (*) TO STRUCTURE/DECK.
3. PROVIDE DEFLECTION TRACK WHERE STUD WALL EXTENDS TO ROOF DECK, FLOOR DECK, OR STRUCTURE ABOVE.
4. PROVIDE MOISTURE RESISTANT BACKER BOARD IN WET AREAS AND AREAS SCHEDULED TO RECEIVE WALL TILE. SEE FINISH SCHEDULE.
5. PROVIDE HORIZONTAL METAL WALL STRAPPING @ 18" O.C. VERTICALLY ON UNFINISHED SIDE OF INSULATED CHASE WALLS.
6. KNEEWALL TOP OF STUD: 3'-6" AFF UNLESS OTHERWISE NOTED. PROVIDE 1x FINISHED WOOD WALL CAP WITH 1x2 TRIM.



K1 FIRST FLOOR PLAN | NORTHWEST
SCALE: 1/8" = 1'-0"

0 4' 8' 16'



K8 FIRST FLOOR PLAN | SOUTHWEST
SCALE: 1/8" = 1'-0"

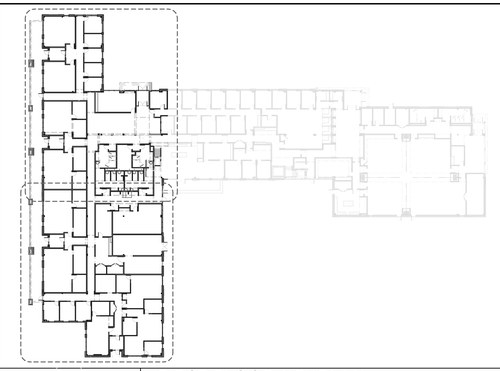
0 4' 8' 16'

GENERAL PLAN NOTES

G01. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
G02. INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE INDICATED.
G03. PROVIDE BLOCKING FOR EQUIPMENT AND ACCESSORIES AS REQUIRED. COORDINATE LOCATIONS. ALL BLOCKING IN WALLS TO BE FIRE RETARDANT.
G04. ALL SLAB VAPOR BARRIER PENETRATIONS AND SEAMS TO BE TAPED. ALL RIGID INSULATION JOINTS TO BE TAPED.
G05. REFER TO ELEVATIONS FOR MASONRY VENEER EXPANSION JOINT LOCATIONS.
G06. SEE STRUCTURAL FOR CONCRETE SLAB JOINTS.
G07. VERIFY ROUGH OPENING DIMENSIONS WITH SELECTED WINDOW / DOOR / LOUVER MANUFACTURER.
G08. COORDINATE EQUIPMENT CLEARANCES AND CONCRETE PAD SIZING WITH SPECIFICATIONS AND SELECTED EQUIPMENT MANUFACTURER RECOMMENDATIONS.

KEYED PLAN NOTES

K01A EDGE OF ROOF OVERHANG \ CANOPY ABOVE
K01B EDGE OF ROOF \ CANOPY BELOW.
K02 OPENING ABOVE FLOOR PLAN CUT PLANE
K03 FLOOR DRAIN. SLOPE 1/8" PER FOOT. SEE PLUMBING.
K04 FLOOR DRAIN. NO SLOPE. SEE PLUMBING.
K05 RECESSED KNOX BOX MOUNTED AT 44" AFF
K06 ADA PUSHPLATE DOOR ACTUATOR | WALL-MOUNT
K06A ADA DUAL PUSHPLATE DOOR ACTUATOR | WALL-MOUNT
K07 FOLDING PANEL PARTITION WITH MATCHING POCKET DOOR. COORDINATE PANEL SIZES AND POCKET DIMENSIONS WITH MANUFACTURER.
K08 ROOF DRAIN LEADER. SEE PLUMBING.
K09 STEEL BRACE. SEE STRUCTURAL.
K10 BRICK VENEER-CLAD PRECAST CONCRETE CATCH BASIN WITH FILTERED DRAINAGE, PLANTER INSERT, AND RAIN CHAIN ANCHOR. REFER TO CIVIL FOR STORMWATER PIPING / CONNECTION.
K11 BRICK VENEER-CLAD PRECAST CONCRETE BASE WITH EXTERIOR-GRADE WOOD BENCHTOP.
K12 24x24 LOCKER AS SPECIFIED. PROVIDE MATCHING FILLER STRIPS/PANELS TO ELIMINATE GAPS AT WALL AND AT ADJACENT LOCKER CORNERS. INTERSECTIONS. DASHED LINES INDICATE FUTURE LOCKER LOCATIONS. FUTURE LOCKERS NIC.
K13 SINGLE LAYER BULLET RISISTANT PANELS AS SPECIFIED UNDER GWB/ FINISHED WALL FACE ON KEYED SIDE OF WALL. GWB MAY BE OMITTED IN CONCEALED AREAS. BALLISTIC PANELS: UL 752 LEVEL 3.
K14 WASHER / DRYER [OF/OI]. COORDINATE WITH OWNER SELCTION.
K15 ORNAMENTAL METAL SITE FENCE / GATE. SEE CIVIL.



C 12 FIRST FLOOR KEYPLAN
SCALE: 1" = 50'

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JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

01 SEPTEMBER 2026

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CONSTRUCTION DOCUMENT PHASE
PROGRESS COORDINATION SET

BRW&S - H2GO
FIELD OPERATIONS AND ADMINISTRATIVE COMPLEX

FIELD OPERATIONS & ADMINISTRATIVE OFFICES BUILDING 01
215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-1	AUTOMATIC DOORS & PUSH PADS	9/24/26
	A1-2	STAIR PLANS AND DETAILS	

FIRST FLOOR PLAN | WEST

BUILDING 01

01-A1-01a

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
	C1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND CONCEALED FASTENER METAL PANELS ON METAL FURRING.
	D1	. . . . NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF[4]: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY[2]: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	F3	3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY[3]: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1-HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

WALL NOTES:

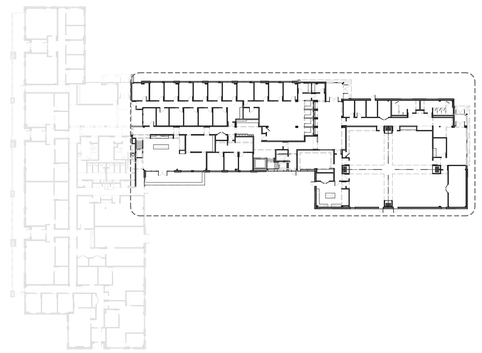
1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (') TO STRUCTURE/DECK.
3. PROVIDE DEFLECTION TRACK WHERE STUD WALL EXTENDS TO ROOF DECK, FLOOR DECK, OR STRUCTURE ABOVE.
4. PROVIDE MOISTURE RESISTANT BACKER BOARD IN WET AREAS AND AREAS SCHEDULED TO RECEIVE WALL TILE. SEE FINISH SCHEDULE.
5. PROVIDE HORIZONTAL METAL WALL STRAPPING @ 18" O.C. VERTICALLY ON UNFINISHED SIDE OF INSULATED CHASE WALLS.
6. KNEEWALL TOP OF STUD: 3'-6" AFF UNLESS OTHERWISE NOTED. PROVIDE 1x FINISHED WOOD WALL CAP WITH 1x2 TRIM.

GENERAL PLAN NOTES

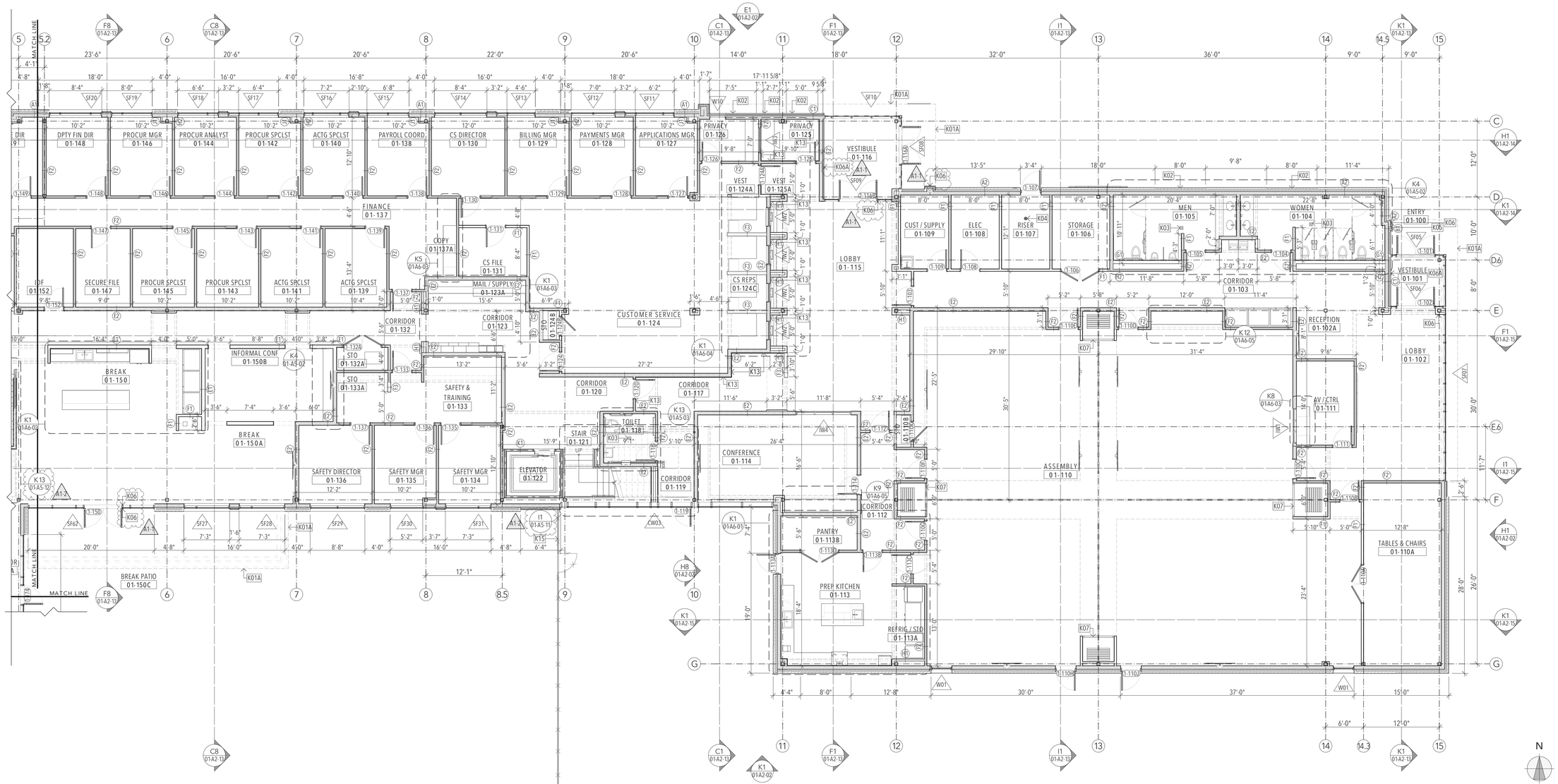
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G03. PROVIDE BLOCKING FOR EQUIPMENT AND ACCESSORIES AS REQUIRED. COORDINATE LOCATIONS. ALL BLOCKING IN WALLS TO BE FIRE RETARDANT.
G04. ALL SLAB VAPOR BARRIER PENETRATIONS AND SEAMS TO BE TAPED. ALL RIGID INSULATION JOINTS TO BE TAPED.
G05. REFER TO ELEVATIONS FOR MASONRY VENEER EXPANSION JOINT LOCATIONS.
G06. SEE STRUCTURAL FOR CONCRETE SLAB JOINTS.
G07. VERIFY ROUGH OPENING DIMENSIONS WITH SELECTED WINDOW / DOOR / LOUVER MANUFACTURER.
G08. COORDINATE EQUIPMENT CLEARANCES AND CONCRETE PAD SIZING WITH SPECIFICATIONS AND SELECTED EQUIPMENT MANUFACTURER RECOMMENDATIONS.

KEYED PLAN NOTES

K01A EDGE OF ROOF OVERHANG \ CANOPY ABOVE
K01B EDGE OF ROOF \ CANOPY BELOW.
K02 OPENING ABOVE FLOOR PLAN CUT PLANE
K03 FLOOR DRAIN. SLOPE 1/8" PER FOOT. SEE PLUMBING.
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K13 SINGLE LAYER BULLET RISISTANT PANELS AS SPECIFIED UNDER GWB/ FINISHED WALL FACE ON KEYED SIDE OF WALL. GWB MAY BE OMITTED IN CONCEALED AREAS. BALLISTIC PANELS: UL 752 LEVEL 3.
K14 WASHER / DRYER [OF/OI]. COORDINATE WITH OWNER SELCTION.
K15 ORNAMENTAL METAL SITE FENCE / GATE. SEE CIVIL.



C 12 | FIRST FLOOR KEYPLAN
SCALE: 1" = 50'



K1 | FIRST FLOOR PLAN | EAST
SCALE: 1/8" = 1'-0"

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA BELVILLE, N.C.
JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.
01 SEPTEMBER 2026

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BRW&S - H2GO
FIELD OPERATIONS AND ADMINISTRATIVE COMPLEX

FIELD OPERATIONS & ADMINISTRATIVE OFFICES
BUILDING 01
215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-1	AUTOMATIC DOORS & PUSH PADS	9/24/26
	A1-2	STAIR PLANS AND DETAILS	

FIRST FLOOR PLAN | EAST

BUILDING 01

01-A1-01b

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
	C1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND CONCEALED FASTENER METAL PANELS ON METAL FURRING.
	D1	. . . NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY*: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.
	F3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY*: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1-HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

WALL NOTES:
1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (*) TO STRUCTURE/DECK.
3. PROVIDE DEFLECTION TRACK WHERE STUD WALL EXTENDS TO ROOF DECK, FLOOR DECK, OR STRUCTURE ABOVE.
4. PROVIDE MOISTURE RESISTANT BACKER BOARD IN WET AREAS AND AREAS SCHEDULED TO RECEIVE WALL TILE. SEE FINISH SCHEDULE.
5. PROVIDE HORIZONTAL METAL WALL STRAPPING @ 18" O.C. VERTICALLY ON UNFINISHED SIDE OF INSULATED CHASE WALLS.
6. KNEEWALL TOP OF STUD: 3'-6" AFF UNLESS OTHERWISE NOTED. PROVIDE 1x FINISHED WOOD WALL CAP WITH 1x2 TRIM.

CEILING TYPE LEGEND

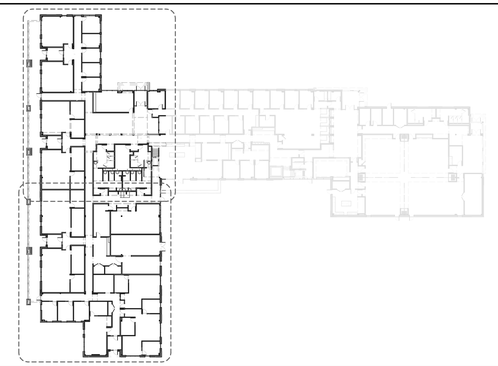
GRAPHIC MARK	DESCRIPTION
	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' ACOUSTICAL CEILING TILE
	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' MOISTURE-RESISTANT ACOUSTICAL CEILING TILE
	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' ACOUSTICAL CEILING TILE 'CLOUD' WITH EDGE BAND
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" GWB
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" MOISTURE-RESISTANT GWB
	INTERIOR EXPOSED STRUCTURE: PAINTED EXPOSED CONSTRUCTION / STRUCTURE
	EXTERIOR / INTERIOR SOFFIT / CEILING ASSEMBLY: PREFINISHED LINEAR METAL PANELS

GENERAL RCP NOTES

G01. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
G02. INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE INDICATED.
G03. PROVIDE BLOCKING FOR EQUIPMENT AND ACCESSORIES AS REQUIRED. COORDINATE LOCATIONS. ALL BLOCKING IN WALLS TO BE FIRE RETARDANT.
G04. PROVIDE FLUSH ACCESS PANELS IN GWB CEILINGS AS REQUIRED FOR ACCESS TO CONCEALED ITEMS, EQUIPMENT, FIXTURES,ETC.
G05. ACOUSTICAL CEILING TILES TO BE CENTERED IN EACH SPACE AND SYMMETRICALLY CUT TO WALLS UNLESS OTHERWISE NOTED OR SHOWN.
G06. SEE ELECTRICAL FOR LIGHT FIXTURE TYPES, EMERGENCY LIGHTING, AND EXIT SIGN LOCATIONS.
G07. SEE MECHANICAL FOR CEILING GRILLES, DIFFUSERS, AND ABOVE-CEILING DUCTWORK AND EQUIPMENT.
G08. SEE FIRE PROTECTION FOR SPRINKLER HEAD LOCATIONS.
G09. PROVIDE PERMANENT IDENTIFICATION AT ALL CONCEALED FIRE RATED ASSEMBLIES INDICATING THE ASSEMBLY TYPE AND RATING (IN HOURS) IN COMPLIANCE WITH NCSBC SECTION 703.5.
G10. PROVIDE FIRE BLOCKING AND SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES PER UL APPROVED METHODS.

KEYED REFLECTED CEILING PLAN NOTES

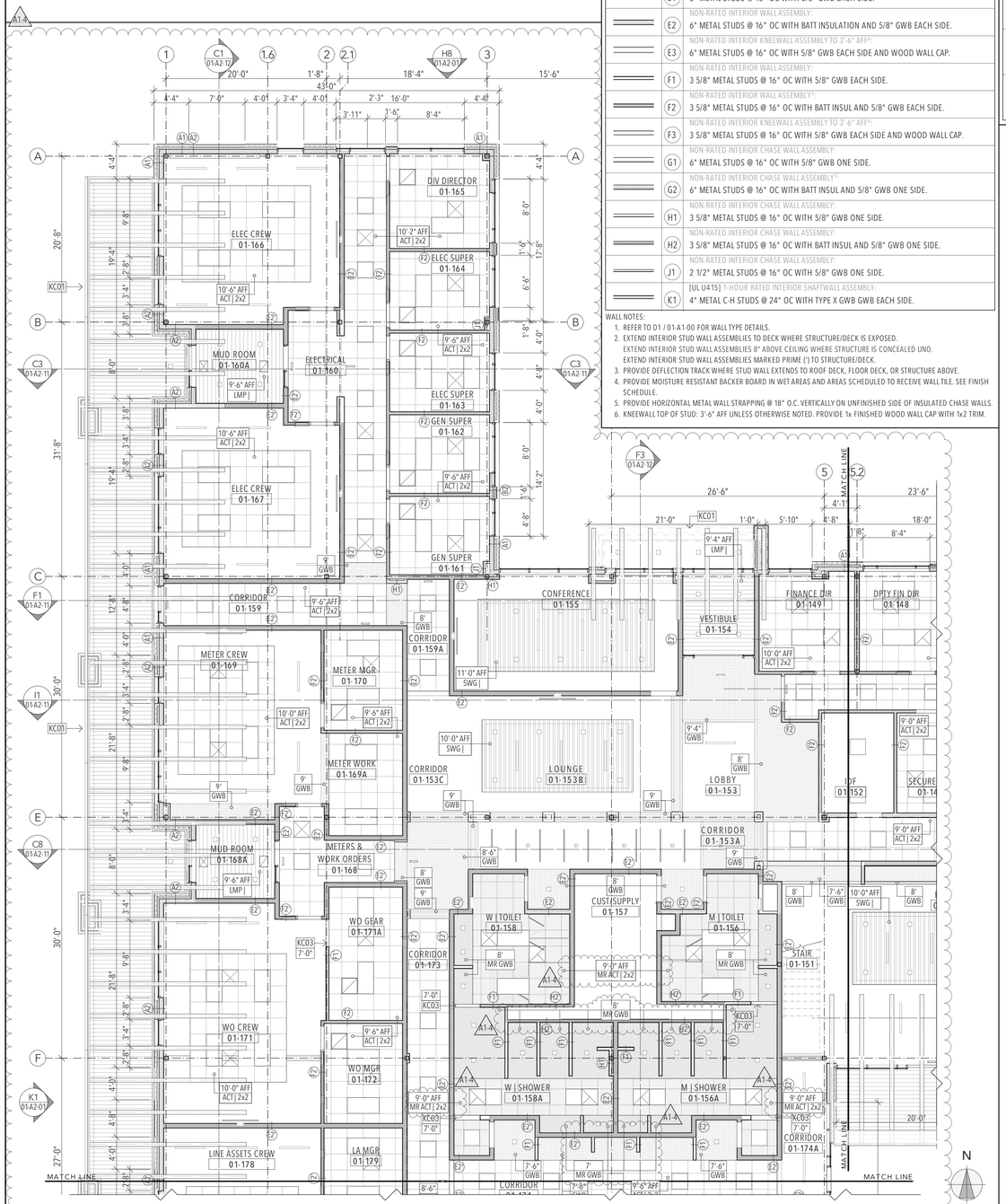
KC01 CANOPY / ROOF OVERHANG ABOVE.
KC02 PAINTED EXPOSED STRUCTURE.
KC03 FINISHED OPENING [HEIGHT LABELED].



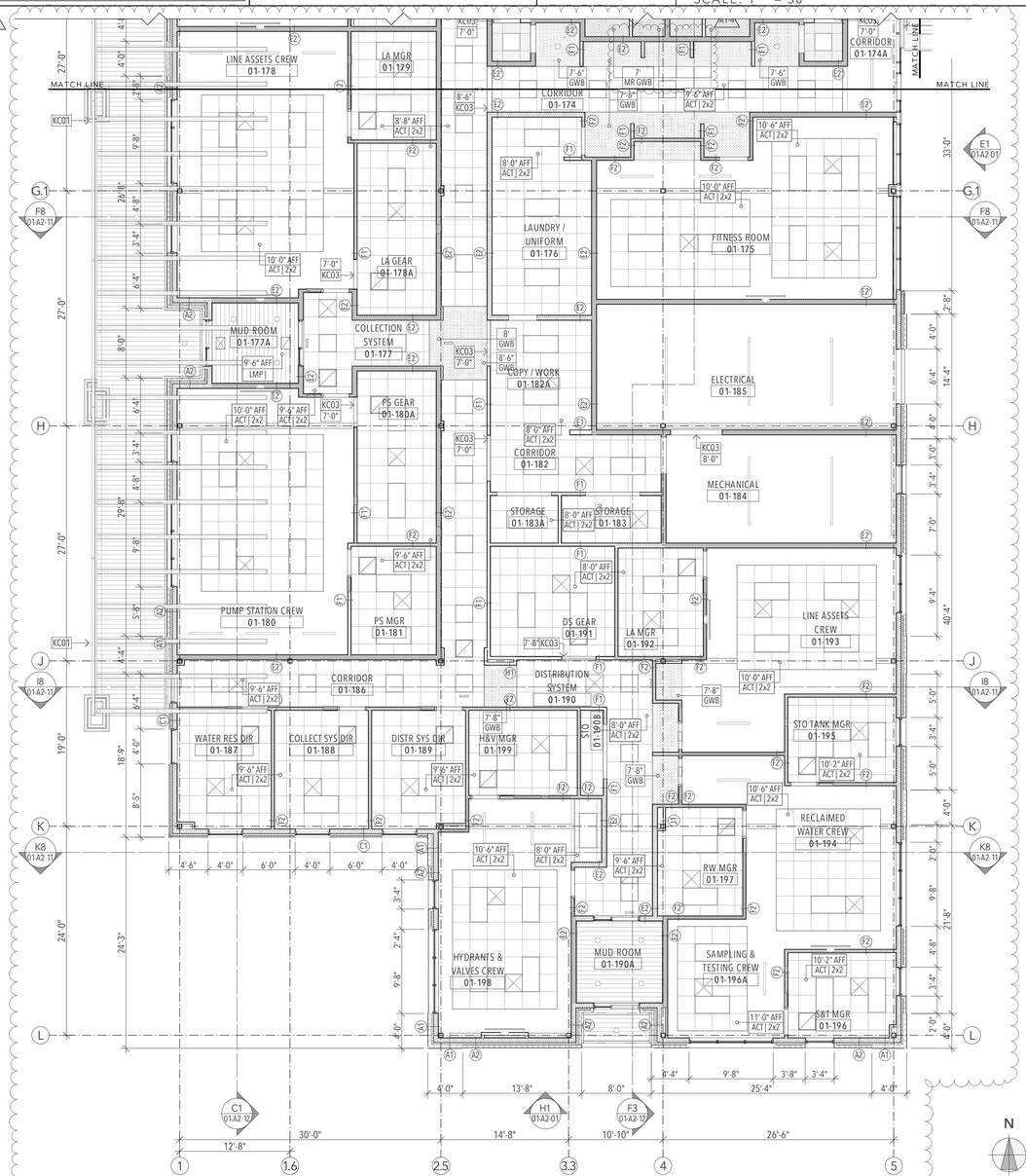
C 12

FIRST FLOOR KEYPLAN

SCALE: 1" = 50'



K1 FIRST FLOOR RCP | NORTHWEST
SCALE: 1/8" = 1'-0"



K8 FIRST FLOOR RCP | SOUTHWEST
SCALE: 1/8" = 1'-0"

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01 SEPTEMBER 2026

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215 POOLE ROAD
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DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-4	REFLECTED CEILING PLAN CORRECTIONS	9/24/26

FIRST FLOOR REFLECTED CEILING PLANS | WEST

BUILDING 01

01-A1-11a

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
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	D1	NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY*: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	F3	3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY*: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1-HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

WALL NOTES:

1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (') TO STRUCTURE/DECK.
3. PROVIDE DEFLECTION TRACK WHERE STUD WALL EXTENDS TO ROOF DECK, FLOOR DECK, OR STRUCTURE ABOVE.
4. PROVIDE MOISTURE RESISTANT BACKER BOARD IN WET AREAS AND AREAS SCHEDULED TO RECEIVE WALL TILE. SEE FINISH SCHEDULE.
5. PROVIDE HORIZONTAL METAL WALL STRAPPING @ 18" O.C. VERTICALLY ON UNFINISHED SIDE OF INSULATED CHASE WALLS.
6. KNEEWALL TOP OF STUD: 3'-6" AFF UNLESS OTHERWISE NOTED. PROVIDE 1x FINISHED WOOD WALL CAP WITH 1x2 TRIM.

CEILING TYPE LEGEND

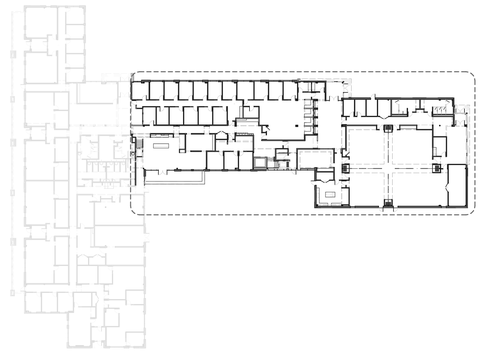
GRAPHIC MARK	DESCRIPTION
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	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' MOISTURE-RESISTANT ACOUSTICAL CEILING TILE
	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' ACOUSTICAL CEILING TILE 'CLOUD' WITH EDGE BAND
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" GWB
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" MOISTURE-RESISTANT GWB
	INTERIOR EXPOSED STRUCTURE: PAINTED EXPOSED CONSTRUCTION / STRUCTURE
	EXTERIOR / INTERIOR SOFFIT / CEILING ASSEMBLY: PREFINISHED LINEAR METAL PANELS

GENERAL RCP NOTES

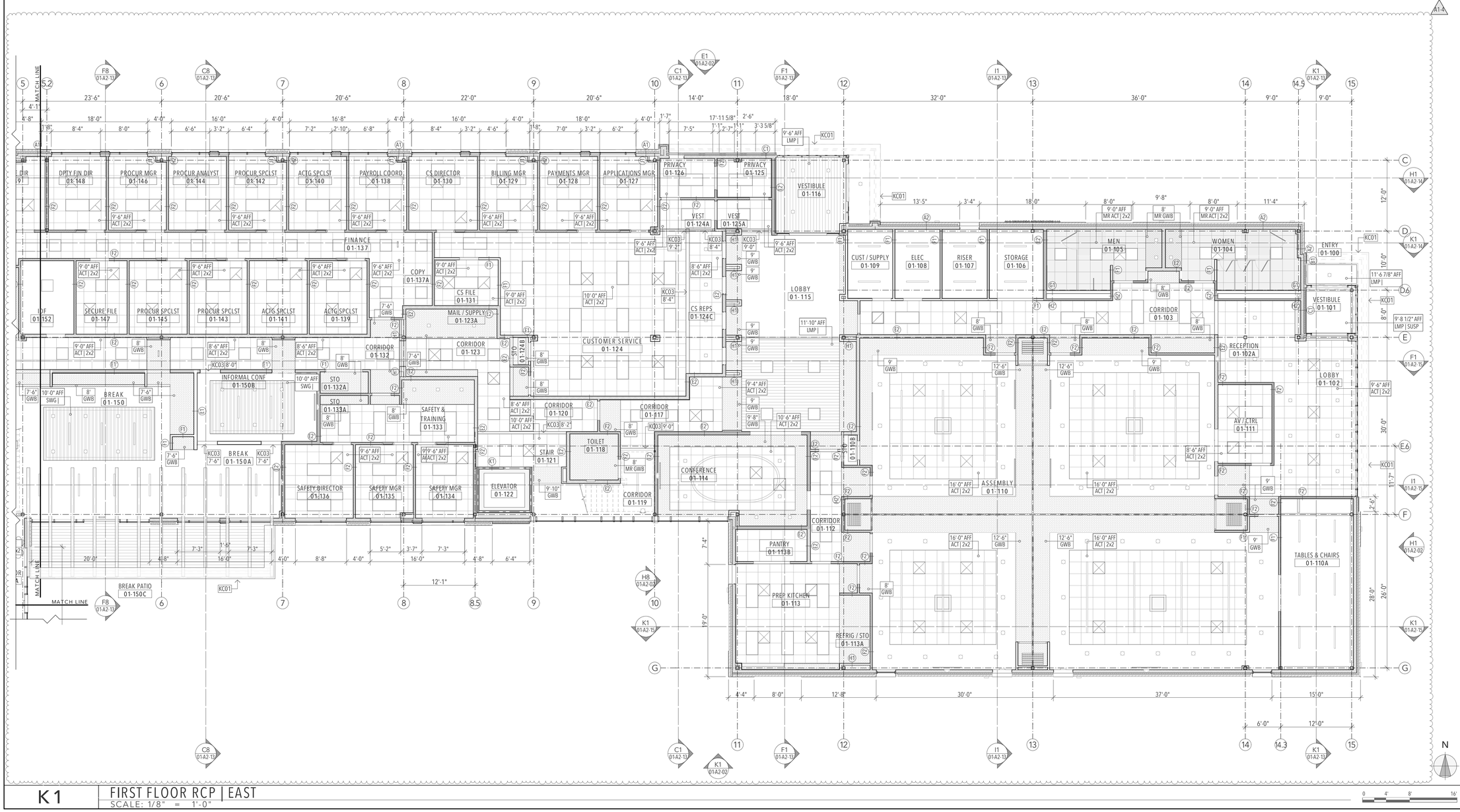
G01. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
G02. INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE INDICATED.
G03. PROVIDE BLOCKING FOR EQUIPMENT AND ACCESSORIES AS REQUIRED. COORDINATE LOCATIONS. ALL BLOCKING IN WALLS TO BE FIRE RETARDANT.
G04. PROVIDE FLUSH ACCESS PANELS IN GWB CEILINGS AS REQUIRED FOR ACCESS TO CONCEALED ITEMS, EQUIPMENT, FIXTURES,ETC.
G05. ACOUSTICAL CEILING TILES TO BE CENTERED IN EACH SPACE AND SYMMETRICALLY CUT TO WALLS UNLESS OTHERWISE NOTED OR SHOWN.
G06. SEE ELECTRICAL FOR LIGHT FIXTURE TYPES, EMERGENCY LIGHTING, AND EXIT SIGN LOCATIONS.
G07. SEE MECHANICAL FOR CEILING GRILLES, DIFFUSERS, AND ABOVE-CEILING DUCTWORK AND EQUIPMENT.
G08. SEE FIRE PROTECTION FOR SPRINKLER HEAD LOCATIONS.
G09. PROVIDE PERMANENT IDENTIFICATION AT ALL CONCEALED FIRE RATED ASSEMBLIES INDICATING THE ASSEMBLY TYPE AND RATING (IN HOURS) IN COMPLIANCE WITH NCSBC SECTION 703.5.
G10. PROVIDE FIRE BLOCKING AND SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES PER UL APPROVED METHODS.

KEYED REFLECTED CEILING PLAN NOTES

KC01 CANOPY / ROOF OVERHANG ABOVE.
KC02 PAINTED EXPOSED STRUCTURE.
KC03 FINISHED OPENING [HEIGHT LABELED].



C 12 | FIRST FLOOR KEYPLAN
SCALE: 1" = 50'



K1 | FIRST FLOOR RCP | EAST
SCALE: 1/8" = 1'-0"

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01 SEPTEMBER 2026

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FIELD OPERATIONS & ADMINISTRATIVE OFFICES
BUILDING 01
215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-4	REFLECTED CEILING PLAN CORRECTIONS	9/24/26

FIRST FLOOR REFLECTED CEILING PLAN | EAST

BUILDING 01

01-A1-11b

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
	C1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND CONCEALED FASTENER METAL PANELS ON METAL FURRING.
	D1	... NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF[2]: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY[2]: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.
	F3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF[2]: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY[2]: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1 HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

WALL NOTES:

1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (') TO STRUCTURE/DECK.
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6. KNEEWALL TOP OF STUD: 3'-6" AFF UNLESS OTHERWISE NOTED. PROVIDE 1x FINISHED WOOD WALL CAP WITH 1x2 TRIM.

CEILING TYPE LEGEND

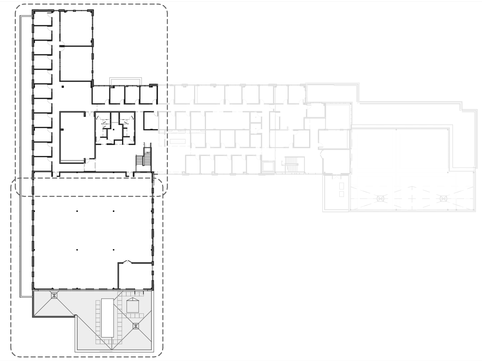
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	LAY-IN ACOUSTICAL CEILING TILE ASSEMBLY: 2' x 2' ACOUSTICAL CEILING TILE 'CLOUD' WITH EDGE BAND
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" GWB
	GWB SOFFIT / CEILING ASSEMBLY: 5/8" MOISTURE-RESISTANT GWB
	INTERIOR EXPOSED STRUCTURE: PAINTED EXPOSED CONSTRUCTION / STRUCTURE
	EXTERIOR / INTERIOR SOFFIT / CEILING ASSEMBLY: PREFINISHED LINEAR METAL PANELS

GENERAL RCP NOTES

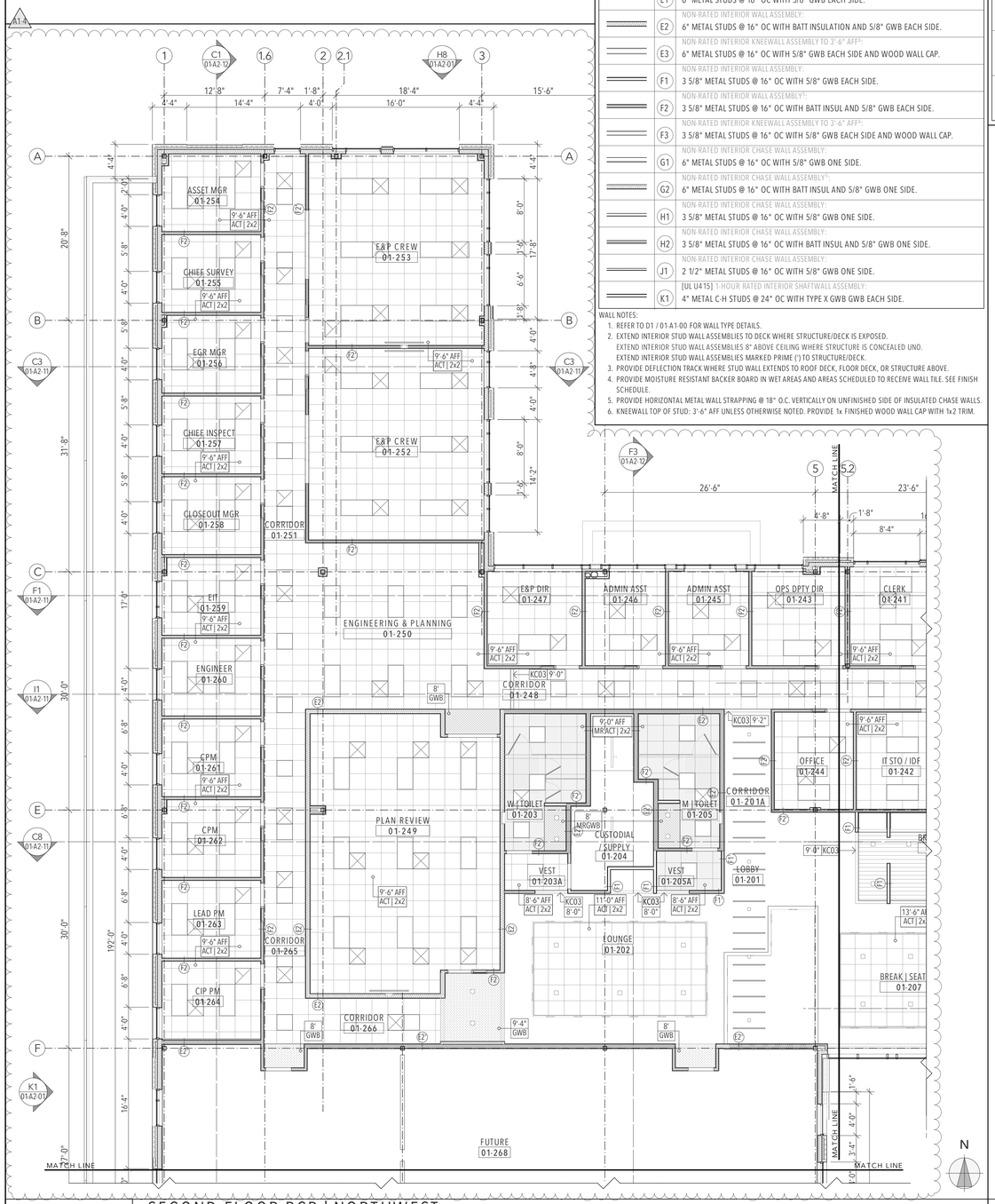
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G04. PROVIDE FLUSH ACCESS PANELS IN GWB CEILINGS AS REQUIRED FOR ACCESS TO CONCEALED ITEMS, EQUIPMENT, FIXTURES,ETC.
G05. ACOUSTICAL CEILING TILES TO BE CENTERED IN EACH SPACE AND SYMMETRICALLY CUT TO WALLS UNLESS OTHERWISE NOTED OR SHOWN.
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KEYED REFLECTED CEILING PLAN NOTES

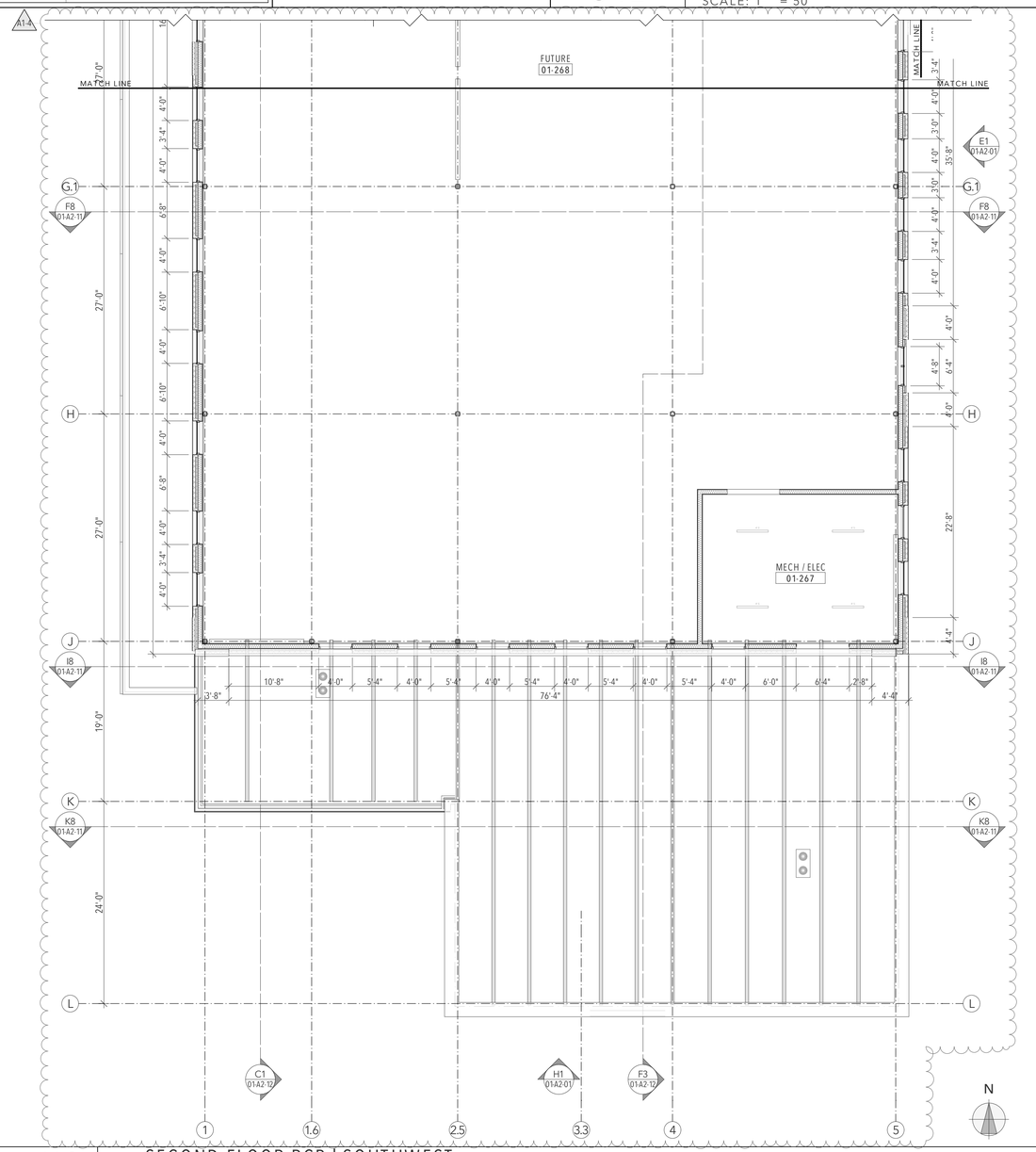
KC01 CANOPY / ROOF OVERHANG ABOVE.
KC02 PAINTED EXPOSED STRUCTURE.
KC03 FINISHED OPENING [HEIGHT LABELLED].



C 12 | SECOND FLOOR KEYPLAN
SCALE: 1" = 50'



K1 | SECOND FLOOR RCP | NORTHWEST
SCALE: 1/8" = 1'-0"



K8 | SECOND FLOOR RCP | SOUTHWEST
SCALE: 1/8" = 1'-0"

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01 SEPTEMBER 2026
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BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
/01	A1-4	REFLECTED CEILING PLAN CORRECTIONS	9/24/26

SECOND FLOOR REFLECTED CEILING PLANS | WEST

BUILDING 01

01-A1-12a

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	A1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AIR SPACE; AND BRICK VENEER.
	B1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND ARCHITECTURAL COMPOSITE METAL PANEL SYSTEM.
	C1	NON-RATED EXTERIOR WALL ASSEMBLY: 5/8" INTERIOR GWB ON 6" METAL STUDS @ 16" OC WITH BATT INSULATION BETWEEN STUDS; 5/8" EXTERIOR GWB SHEATHING WITH AIR BARRIER; 2" RIGID INSULATION; AND CONCEALED FASTENER METAL PANELS ON METAL FURRING.
	D1	NOT USED.
	E1	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	E2	NON-RATED INTERIOR WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH BATT INSULATION AND 5/8" GWB EACH SIDE.
	E3	NON-RATED INTERIOR KNEEWALL ASSEMBLY TO 3'-6" AFF*: 6" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	F1	NON-RATED INTERIOR WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE.
	F2	NON-RATED INTERIOR WALL ASSEMBLY*: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB EACH SIDE.

WALL TYPE LEGEND

GRAPHIC MARK	TYPE	DESCRIPTION
	F3	3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB EACH SIDE AND WOOD WALL CAP.
	G1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 6" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	G2	NON-RATED INTERIOR CHASE WALL ASSEMBLY*: 6" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	H1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	H2	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 3 5/8" METAL STUDS @ 16" OC WITH BATT INSUL AND 5/8" GWB ONE SIDE.
	J1	NON-RATED INTERIOR CHASE WALL ASSEMBLY: 2 1/2" METAL STUDS @ 16" OC WITH 5/8" GWB ONE SIDE.
	K1	[UL U415] 1-HOUR RATED INTERIOR SHAFTWALL ASSEMBLY: 4" METAL C-H STUDS @ 24" OC WITH TYPE X GWB GWB EACH SIDE.

WALL NOTES:

1. REFER TO D1 / 01-A1-00 FOR WALL TYPE DETAILS.
2. EXTEND INTERIOR STUD WALL ASSEMBLIES TO DECK WHERE STRUCTURE/DECK IS EXPOSED. EXTEND INTERIOR STUD WALL ASSEMBLIES 8" ABOVE CEILING WHERE STRUCTURE IS CONCEALED UNO. EXTEND INTERIOR STUD WALL ASSEMBLIES MARKED PRIME (') TO STRUCTURE/DECK.
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5. PROVIDE HORIZONTAL METAL WALL STRAPPING @ 18" O.C. VERTICALLY ON UNFINISHED SIDE OF INSULATED CHASE WALLS.
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CEILING TYPE LEGEND

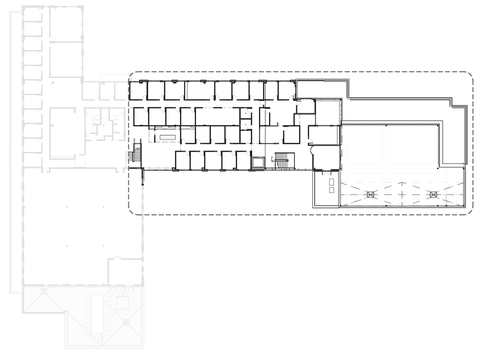
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GENERAL RCP NOTES

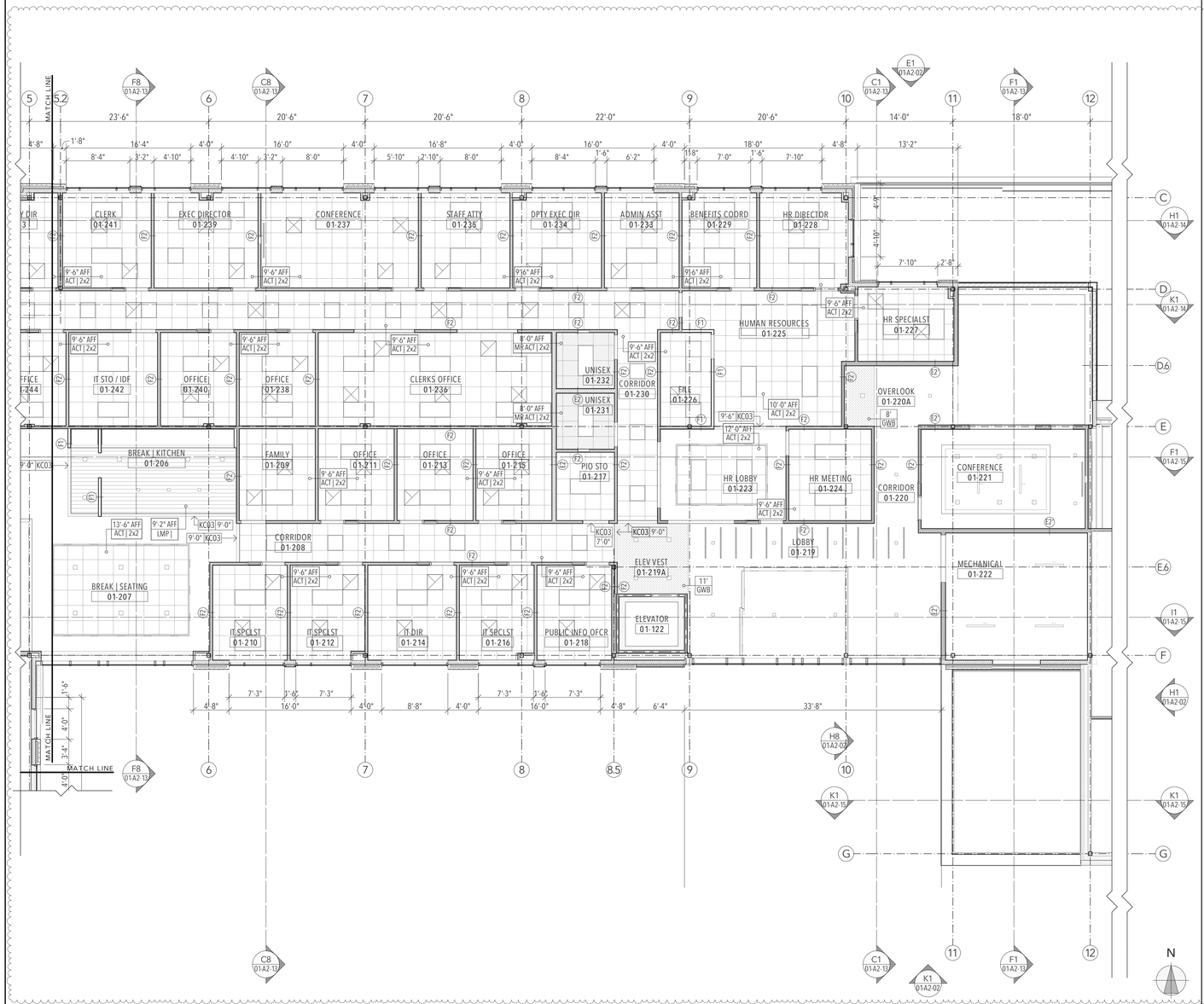
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KEYED REFLECTED CEILING PLAN NOTES

KC01 CANOPY / ROOF OVERHANG ABOVE.
KC02 PAINTED EXPOSED STRUCTURE.
KC03 FINISHED OPENING [HEIGHT LABELLED].



C 12 SECOND FLOOR KEYPLAN
SCALE: 1" = 50'



K1 SECOND FLOOR PLAN | EAST
SCALE: 1/8" = 1'-0"

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SECOND FLOOR REFLECTED CEILING PLAN | EAST

BUILDING 01

01-A1-12b

ELEVATION FINISH LEGEND

MASONRY DESIGNATIONS

SIZE
- M – MODULAR | 3-5/8" (W) x 2-1/4" (H) x 7-5/8" (L)
- U – UTILITY | 3-5/8" (W) x 3-5/8" (H) x 11-5/8" (L)
- AM – ARCHITECTURAL MASONRY | 3-5/8" (W) x 7-5/8" (H) x 15-5/8" (L)

TEXTURE
- WC – WIRECUT
- T – TEXTURED

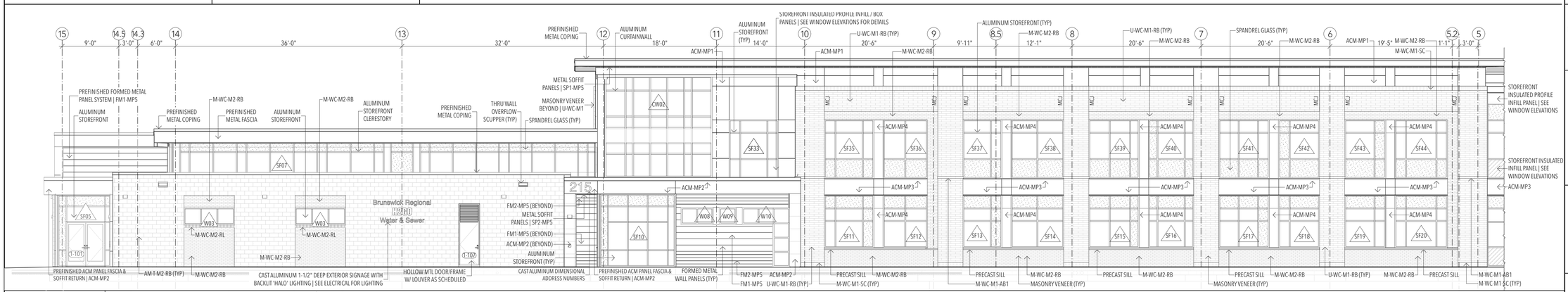
FINISH
- M1 – COLOR 1
- M2 – COLOR 2

DETAILING
- RB – RUNNING BOND
- SB – STACKED BOND
- SC – SOLDIER COURSE
- AB1 – PROJECTED ACCENT BAND
- AB2 – INSET ACCENT BAND
- DS – DOUBLE SOLDIER COURSE
- RL – ROWLOCK [BRICK SILL]

METAL DESIGNATIONS

TYPE
- ACM – ALUMINUM COMPOSITE METAL PANEL SYSTEM
- FM1 – FORMED METAL WALL PANEL | 12" FLUSH PANEL
- FM2 – FORMED METAL WALL PANEL | 12" FLUSH PANEL - ONE RIB
- SP1 - FORMED METAL SOFFIT PANEL | 12" FLUSH PANEL
- SP2 - FORMED METAL SOFFIT PANEL | 12" FLUSH PANEL - ONE RIB

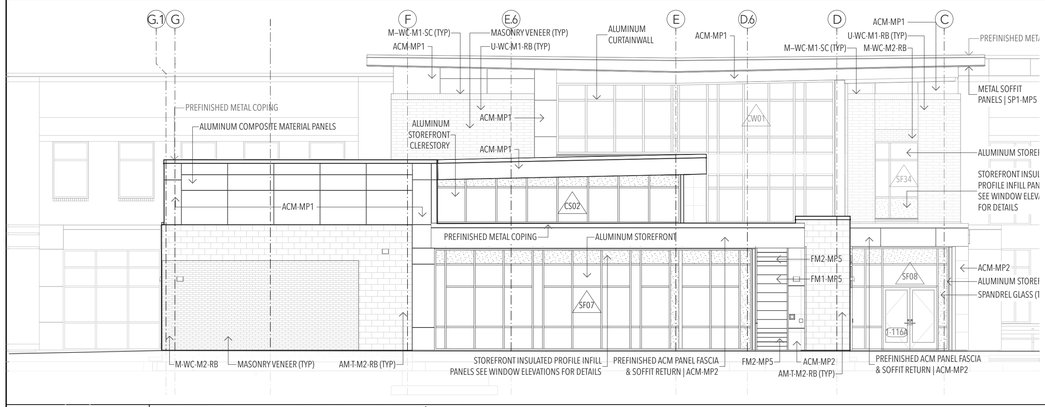
FINISH
- MP1 - METAL FINISH 1
- MP2 – METAL FINISH 2
- MP3 – METAL FINISH 3
- MP4 – METAL FINISH 4
- MP5 – METAL FINISH 5



E1 NORTH BUILDING ELEVATION | EAST

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

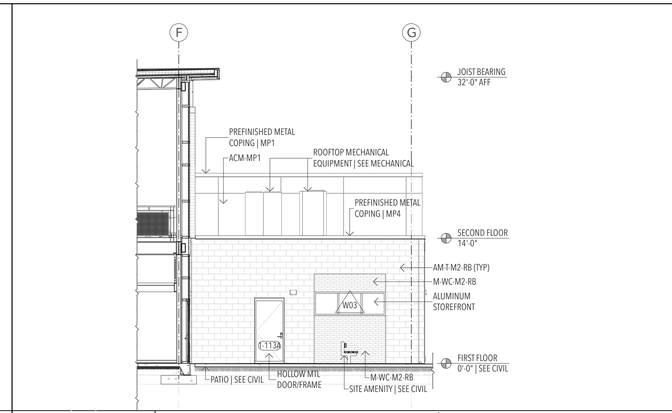
0 4' 8' 16'



H1 EAST BUILDING ELEVATION | EAST

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

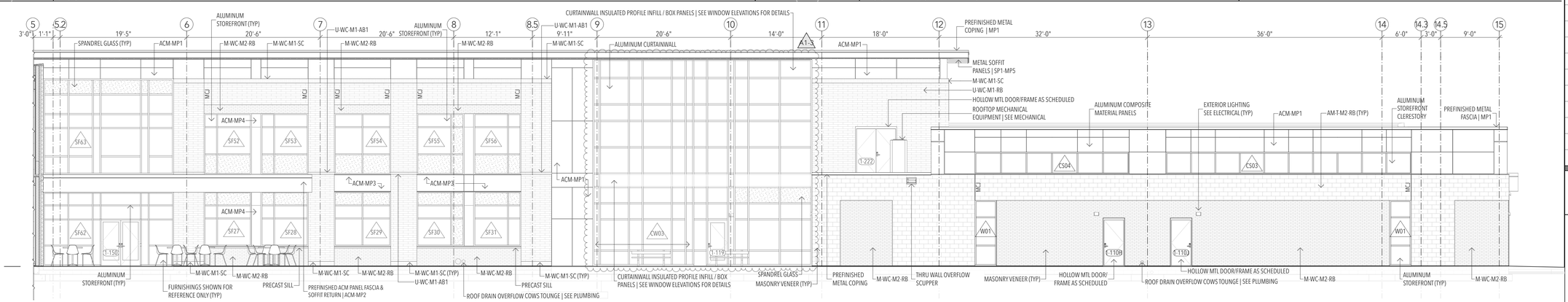
0 4' 8' 16'



H8 WEST BUILDING ELEVATION | EAST

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

0 4' 8' 16'



K1 SOUTH BUILDING ELEVATION | EAST

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

0 4' 8' 16'

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JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

01 SEPTEMBER 2026

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CONSTRUCTION DOCUMENT PHASE
PROGRESS COORDINATION SET

BRW&S - H2GO
FIELD OPERATIONS AND ADMINISTRATIVE COMPLEX

FIELD OPERATIONS & ADMINISTRATIVE OFFICES
BUILDING 01

215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

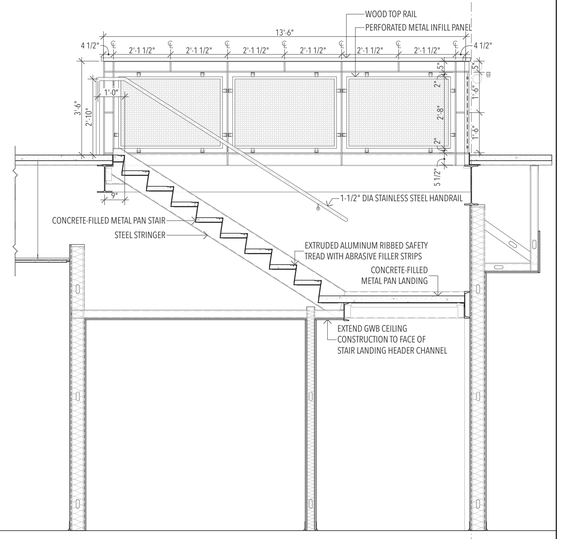
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-3	CURTAINWALL CW03 UPDATE	9/24/26

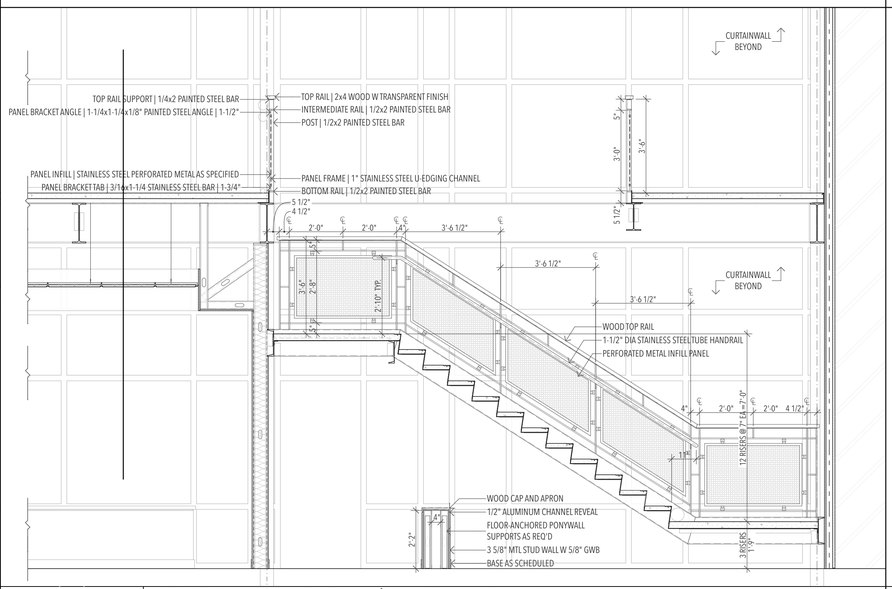
BUILDING ELEVATIONS | EAST

BUILDING 01

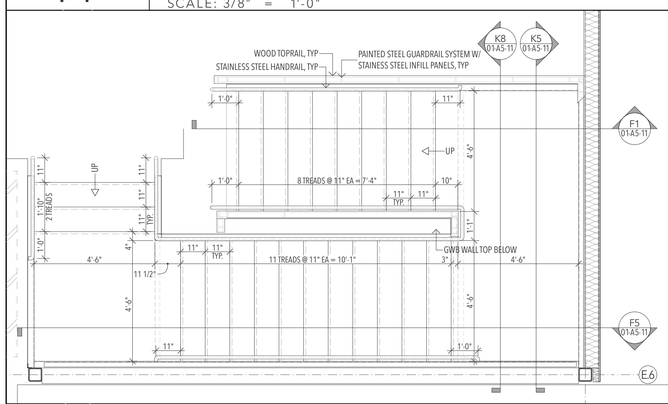
01-A2-02



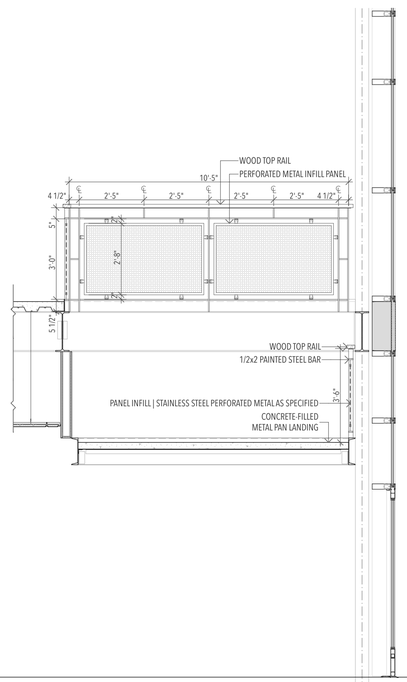
F1 STAIR 01-121 SECTION | NORTH @ RUN 3
SCALE: 3/8" = 1'-0"



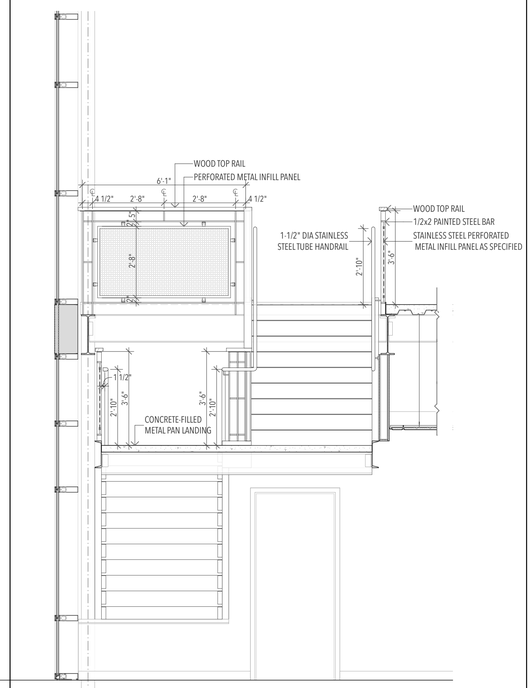
F5 STAIR 01-121 SECTION | SOUTH @ RUN 2
SCALE: 3/8" = 1'-0"



I1 STAIR 01-121
SCALE: 3/8" = 1'-0"
0 2' 4' 6'



K5 STAIR 01-121 | EAST @ LANDING 2
SCALE: 3/8" = 1'-0"



K8 STAIR 01-121 SECT | WEST @ LANDING 2
SCALE: 3/8" = 1'-0"

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23 SEPTEMBER 2026
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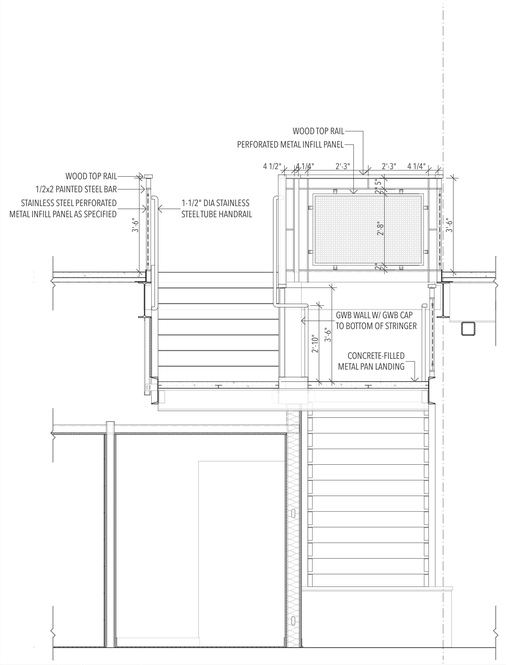
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-2	STAIR PLANS AND DETAILS	9/24/26

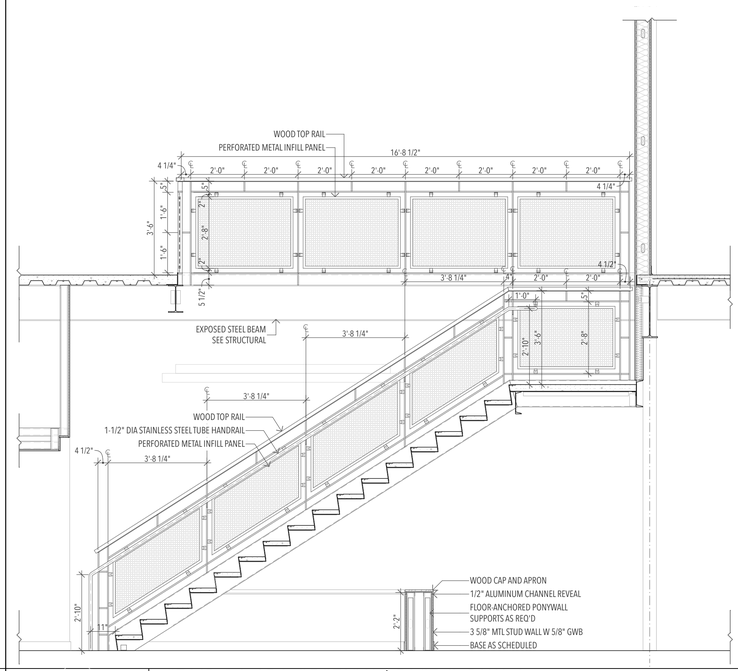
ENLARGED STAIR PLANS AND DETAILS

BUILDING 01

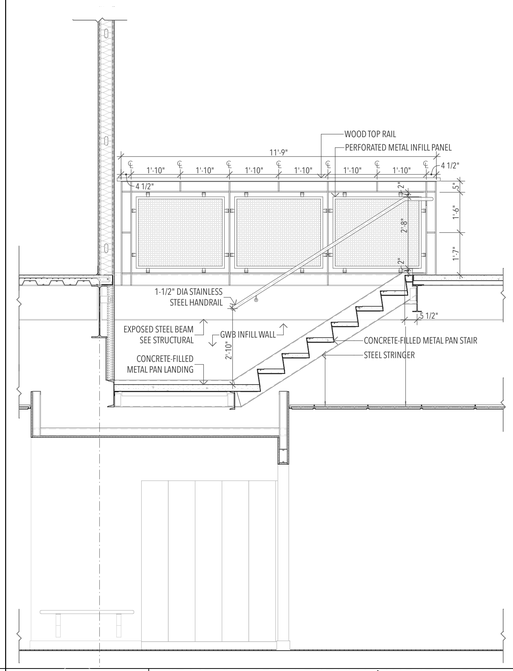
A1-x
01-A5-11



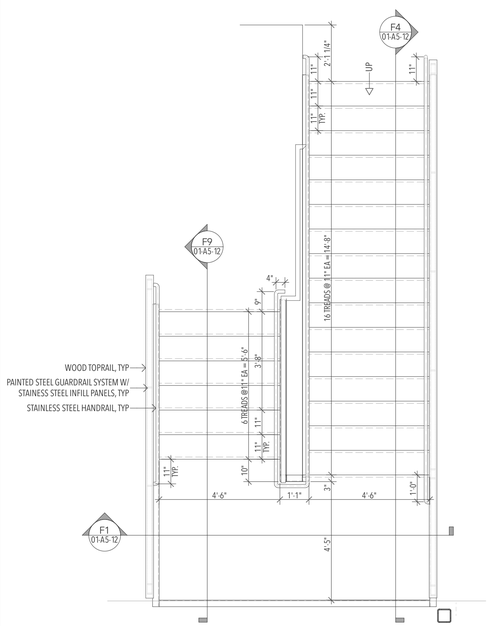
F1 STAIR 01-151 | NORTH @ LANDING
SCALE: 3/8" = 1'-0"



F4 STAIR 01-151 SECTION | EAST @ RUN 1
SCALE: 3/8" = 1'-0"



F9 STAIR 01-151 SECTION | WEST @ RUN 2
SCALE: 3/8" = 1'-0"



K1 STAIR 01-151
SCALE: 3/8" = 1'-0"

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NORTH CAROLINA
BELVILLE, N.C.

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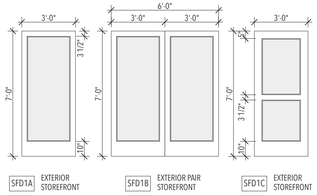
RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-2	STAIR PLANS AND DETAILS	9/24/26

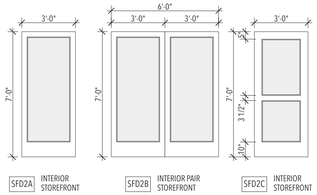
ENLARGED STAIR PLANS AND DETAILS

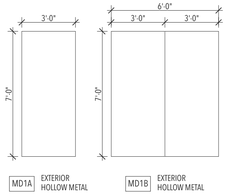
BUILDING 01

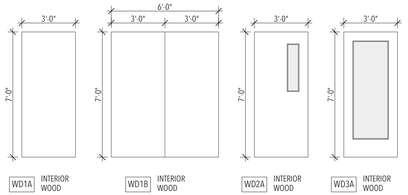
A1-2

01-A5-12



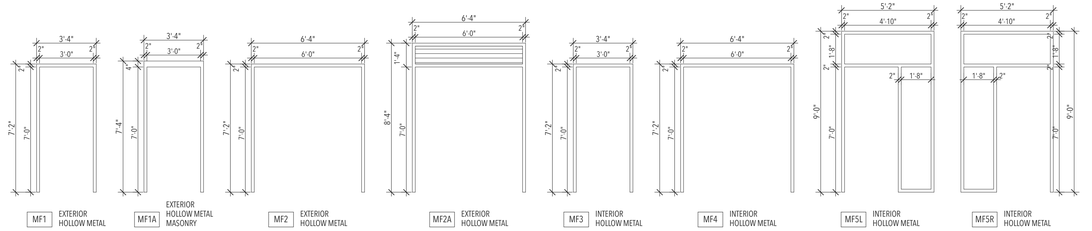






F1 DOOR ELEVATIONS

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



B4 DOOR FRAME ELEVATIONS

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

DOOR SCHEDULE

DOOR #	DOOR LEAF SIZE [WxH]	TYPE	DESCRIPTION	GLAZING	FRAME	HRDWR SET	ROOM #	ROOM NAME	Note/Remarks	Accessories
1-101	6'-0"×7'-0"	SFD1B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF05	1-13PAOX	01-100	ENTRY		CR, HCPP
1-102	6'-0"×7'-0"	SFD2B	INTERIOR STOREFRONT PAIR	FULL LITE	SF06	1-13PAODX	01-102	LOBBY		HCPP
1-103	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-12CWSN	01-115	LOBBY		CR
1-104	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-104	WOMEN		-
1-105	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-105	MEN		-
1-106	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHSN	01-106	STORAGE		-
1-107	3'-0"×7'-0"	MD1A	EXTERIOR HOLLOW METAL	FLUSH	MF1B	1-08CSX	01-107	RISER		-
1-108	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08COHS	01-108	ELEC		-
1-109	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08CWS	01-109	CUST / SUPPLY		-
1-110A	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHSN	01-110A	TABLES & CHAIRS		-
1-110B	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110C	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110D	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110E	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110F	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110G	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-11CWSN	01-110	ASSEMBLY		-
1-110H	3'-0"×7'-0"	MD1A	EXTERIOR HOLLOW METAL	FLUSH	MF1A	1-11CSNX	01-110	ASSEMBLY		-
1-110J	3'-0"×7'-0"	MD1A	EXTERIOR HOLLOW METAL	FLUSH	MF1A	1-11CSNX	01-110	ASSEMBLY		-
1-110K	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08OHSN	01-110B	STO		-
1-111	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-08CWS-STC	01-111	AV / CTRL		STC
1-112	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-12CSN	01-112	CORRIDOR		CR
1-113A	3'-0"×7'-0"	MD1A	EXTERIOR HOLLOW METAL	FLUSH	MF1A	1-11CHSN	01-113	PREP KITCHEN		-
1-113B	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07COHSK	01-112	CORRIDOR		-
1-113C	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3*	00	01-110	ASSEMBLY	*BI-DIRECTIONAL SWING DOOR FRAME	-
1-113D	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-07PCHS	01-113B	PANTRY		-
1-114	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07COHS-STC	01-114	CONFERENCE		STC
1-116A	6'-0"×7'-0"	SFD1B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF08	1-13PAOAX	01-116	VESTIBULE		CR, HCPP
1-116B	6'-0"×7'-0"	SFD2B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF09	1-13PAODX	01-115	LOBBY		CR, HCPP
1-118	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-04CWS	01-118	TOILET		-
1-119	3'-0"×7'-0"	SFD1A	EXTERIOR STOREFRONT	FULL LITE	SF101	1-13CSX	01-119	CORRIDOR		-
1-120	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-14CWS-BR	01-120	CORRIDOR		CR, BR
1-124	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-92CWSN	01-124	CUSTOMER SERVICE		CR
1-124A	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-14CWS-BR	01-124A	VEST		CR, BR
1-124B	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08OHSN	01-124B	STO		-
1-125	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-01OWS-BR	01-125	PRIVACY	*SECURITY CONTROL -	BR, RL
1-126	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-05WS	01-126	PRIVACY		-
1-127	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05OHS	01-127	APPLICATIONS MGR		-
1-128	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-128	PAYMENTS MGR		-
1-129	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-129	BILLING MGR		-
1-130	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WSN	01-130	CS DIRECTOR		-
1-131	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08COHSK	01-131	CS FILE		-
1-132A	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHSN	01-132A	STO		-
1-133	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-92CWSN	01-133	SAFETY & TRAINING		CR
1-135	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-134	SAFETY MGR		-
1-136	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-135	SAFETY MGR		-
1-137	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-92CWSN	01-136	SAFETY DIRECTOR		-
1-137	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-05WS	01-137	FINANCE		CR
1-137B	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-92CWSN	01-137	FINANCE		CR
1-138	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-138	PAYROLL COORD		-
1-139	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-139	ACTG SPCLST		-
1-140	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-140	ACTG SPCLST		-
1-141	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-141	ACTG SPCLST		-
1-142	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-142	PROCUR SPCLST		-
1-143	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-143	PROCUR SPCLST		-
1-144	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-144	PROCUR ANALYST		-
1-145	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-145	PROCUR SPCLST		-
1-146	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-146	PROCUR MGR		-
1-147	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08COHSK	01-147	SECURE FILE		-
1-148	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-148	DPTY FIN DIR		-
1-149	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05OHS	01-149	FINANCE DIR		-
1-150	6'-0"×7'-0"	SFD1B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF101	1-13PAOBX	01-150	BREAK		CR, HCPP
1-152	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08COHSK	01-152	IDF		-
1-154A	6'-0"×7'-0"	SFD1B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF101	1-13PAOCX	01-154	VESTIBULE		CR, HCPP
1-154B	6'-0"×7'-0"	SFD2B	EXTERIOR STOREFRONT PAIR	FULL LITE	SF101	1-13PAODX	01-154	VESTIBULE		CR, HCPP
1-155	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07CWS-STC	01-155	CONFERENCE		STC
1-156	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06CWS	01-156	M | TOILET		-
1-156A	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-156A	M | SHOWER		-
1-157	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08CWSK1	01-157	CUST/SUPPLY		-
1-158	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06CWS	01-158	W | TOILET		-
1-158A	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-158A	W | SHOWER		-
1-159	3'-0"×7'-0"	SFD1A	EXTERIOR STOREFRONT	FULL LITE	SF03	1-13AO	01-159	CORRIDOR		CR
1-160	3'-0"×7'-0"	SFD2C	EXTERIOR STOREFRONT	FULL LITE	SF01B	1-13AOA	01-160	ELECTRICAL		CR
1-160A	3'-0"×7'-0"	SFD1C	EXTERIOR STOREFRONT	FULL LITE	SF01A	1-13AOB	01-160A	MUD ROOM		CR
1-161	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-161	GEN SUPER		-
1-162	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-162	GEN SUPER		-
1-163	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-163	ELEC SUPER		-
1-164	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-164	ELEC SUPER		-
1-165	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05FS	01-165	DIV DIRECTOR		-
1-166	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-160	ELECTRICAL		-
1-167	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-160	ELECTRICAL		-
1-168	3'-0"×7'-0"	SFD2C	EXTERIOR STOREFRONT	FULL LITE	SF01B	1-13AOA	01-168A	MUD ROOM		CR
1-168A	3'-0"×7'-0"	SFD1C	EXTERIOR STOREFRONT	FULL LITE	SF01A	1-13AOB	01-168A	MUD ROOM		CR
1-169	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-168	METERS & WORK ORDERS		-
1-170	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-170	METER MGR		-
1-171	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-168	METERS & WORK ORDERS		-
1-172	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-172	WO MGR		-

DOOR SCHEDULE

DOOR #	DOOR LEAF SIZE [WxH]	TYPE	DESCRIPTION	GLAZING	FRAME	HRDWR SET	ROOM #	ROOM NAME	Note/Remarks	Accessories
1-174	3'-0"×7'-0"	SFD1A	EXTERIOR STOREFRONT	FULL LITE	SF101	1-13CSX	01-174A	CORRIDOR		-
1-175	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07CWSNA	01-175	FITNESS ROOM		-
1-176	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07CWSNK	01-174	CORRIDOR		-
1-176A	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07COHS	01-176	LAUNDRY / UNIFORM		-
1-177	3'-0"×7'-0"	SFD2C	EXTERIOR STOREFRONT	FULL LITE	SF001	1-13AOA	01-177	COLLECTION SYSTEM		CR
1-177A	3'-0"×7'-0"	SFD1C	EXTERIOR STOREFRONT	FULL LITE	SF001	1-13AOB	01-177A	MUD ROOM		CR
1-178	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-177	COLLECTION SYSTEM		-
1-179	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-179	LA MGR		-
1-180	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-177	COLLECTION SYSTEM		-
1-181	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-181	PS MGR		-
1-183	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHSN	01-183	STORAGE		-
1-183A	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHSN	01-183A	STORAGE		-
1-184	4'-0"×7'-0"	WD1C	INTERIOR WOOD	FLUSH	MF3	1-11CWSWN	01-184	MECHANICAL		-
1-185	6'-0"×7'-0"	MD1B	EXTERIOR HOLLOW METAL	FLUSH	MF2A	1-11PCHSX	01-185	ELECTRICAL		-
1-186	3'-0"×7'-0"	SFD1A	EXTERIOR STOREFRONT	FULL LITE	SF04	1-13AOB	01-186	CORRIDOR		CR
1-187	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-187	WATER RES DIR		-
1-188	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-188	COLLECT SYS DIR		-
1-189	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-189	DISTR SYS DIR		-
1-190	3'-0"×7'-0"	SFD2C	EXTERIOR STOREFRONT	FULL LITE	SF02B	1-13AOA	01-190A	MUD ROOM		CR
1-190A	3'-0"×7'-0"	SFD1C	EXTERIOR STOREFRONT	FULL LITE	SF02A	1-13AOB	01-190A	MUD ROOM		CR
1-190B	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCHS	01-190B	STO		-
1-192	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-192	LA MGR		-
1-193	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF6	1-07CWSN	01-190	DISTRIBUTION SYSTEM		-
1-194	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF6	1-07CWSN	01-190	DISTRIBUTION SYSTEM		-
1-195	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-195	STO TANK MGR		-
1-196	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05FS	01-196	S&T MGR		-
1-197	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-197	RW MGR		-
1-198	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF6	1-07CWSN	01-190	DISTRIBUTION SYSTEM		-
1-199	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-199	H&V MGR		-
1-203	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-203A	VEST		-
1-204	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08CWSK	01-204	CUSTODIAL / SUPPLY		-
1-205	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-06WSN	01-205A	VEST		-
1-209	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-04CWS-STC	01-209	FAMILY		-
1-210	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-210	IT SPCLST		-
1-211	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-211	OFFICE		-
1-212	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-212	IT SPCLST		-
1-213	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-213	OFFICE		-
1-214	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-214	IT DIR		-
1-215	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-215	OFFICE		-
1-216	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-216	IT SPCLST		-
1-218	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-218	PUBLIC INFO OFCR		-
1-221	3'-0"×7'-0"	WD3A	INTERIOR WOOD	FLUSH	MF5	1-07COHS-STC	01-221	CONFERENCE		STC
1-222	6'-0"×7'-0"	MD1B	EXTERIOR HOLLOW METAL	FLUSH	MF2	1-08PCSX				-
1-222A	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-08PCOHS	01-222	MECHANICAL		-
1-223	3'-0"×7'-0"	WD3A	INTERIOR WOOD	FLUSH	MF5	1-07CWS	01-223	HR LOBBY		-
1-224	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-07CWS-STC	01-224	HR MEETING		STC
1-225	3'-0"×7'-0"	WD2A	INTERIOR WOOD	NARROW LITE	MF3	1-92CWSN	01-225	HUMAN RESOURCES		CR
1-226	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08CWS	01-226	FILE		-
1-227	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05OHS	01-225	HUMAN RESOURCES		-
1-228	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05OHS	01-228	HR DIRECTOR		-
1-229	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-229	BENEFITS COORD		-
1-231	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-04CWS	01-231	UNISEX		-
1-232	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-04CWS	01-232	UNISEX		-
1-233	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-233	ADMIN ASST		-
1-234	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-234	DPTY EXEC DIR		-
1-235	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-235	STAFF ATTY		-
1-237	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWS-STC	01-237	CONFERENCE		STC
1-238	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-238	OFFICE		-
1-239	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-239	EXEC DIRECTOR		-
1-240	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-240	OFFICE		-
1-241	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-241	CLERK		-
1-242	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-08CWS	01-242	IT STO / IDF		-
1-243	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-243	OPS DPTY DIR		-
1-244	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-244	OFFICE		-
1-245	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-245	ADMIN ASST		-
1-246	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-246	ADMIN ASST		-
1-247	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-247	E&P DIR		-
1-249A	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-07CWSN	01-249	PLAN REVIEW		-
1-249B	6'-0"×7'-0"	WD3B	INTERIOR WOOD PAIR	FULL LITE	MF4	1-07PCWSN	01-249	PLAN REVIEW		-
1-252	3'-0"×7'-0"	WD3A	INTERIOR WOOD	FLUSH	MF5	1-07CWS	01-252	E&P CREW		-
1-253	3'-0"×7'-0"	WD3A	INTERIOR WOOD	FLUSH	MF5	1-07CWS	01-253	E&P CREW		-
1-254	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05OHS	01-254	ASSET MGR		-
1-255	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-255	CHIEF SURVEY		-
1-256	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-256	EGR MGR		-
1-257	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-257	CHIEF INSPECT		-
1-258	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-258	CLOSEOUT MGR		-
1-259	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-259	EIT		-
1-260	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-260	ENGINEER		-
1-261	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-261	CPM		-
1-262	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-262	CPM		-
1-263	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-263	LEAD PM		-
1-264	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF5	1-05WS	01-264	CIP PM		-
1-267	6'-0"×7'-0"	MD1B	EXTERIOR HOLLOW METAL	FLUSH	MF2	1-08PCSX	01-267	MECH / ELEC		-
1-267A	6'-0"×7'-0"	WD1B	INTERIOR WOOD PAIR	FLUSH	MF4	1-11PCHS	01-268	FUTURE		-
1-268A	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	1-11CWSN	01-268	FUTURE		-
1-268B	3'-0"×7'-0"	WD1A	INTERIOR WOOD	FLUSH	MF3	STO-IN01	01-268	FUTURE		-

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA BELVILLE, N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

01 SEPTEMBER 2026

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CONSTRUCTION DOCUMENT PHASE
PROGRESS COORDINATION SET

BRW&S - H2GO
FIELD OPERATIONS AND ADMINISTRATIVE COMPLEX

FIELD OPERATIONS & ADMINISTRATIVE OFFICES BUILDING 01

215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-1	AUTOMATIC DOORS & PUSH PADS	9/24/26

DOOR AND FRAME SCHEDULES AND ELEVATIONS

BUILDING 01

01-A7-01

CLEAR GLAZING, TYP.

OPAQUE SPANDREL GLAZING

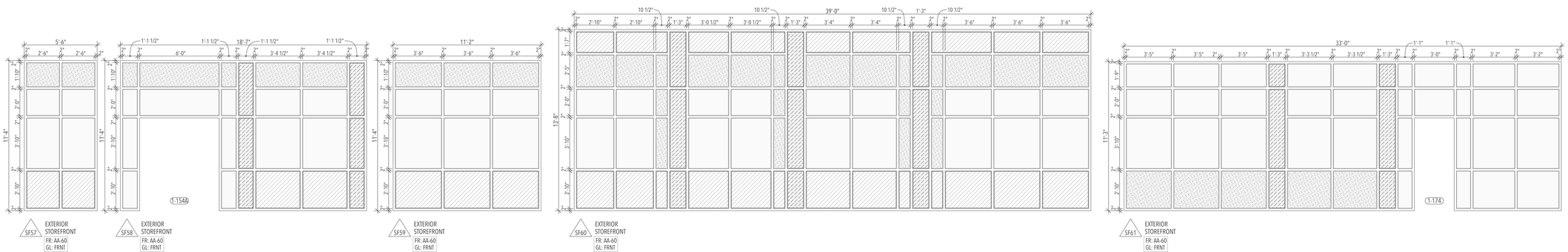
PREFINISHED METAL SPANDREL

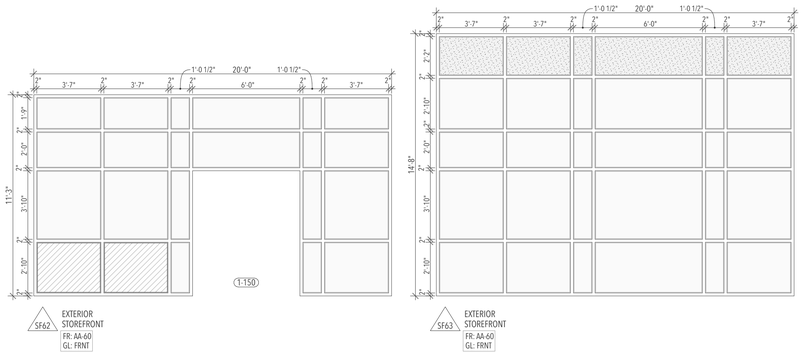
PREFINISHED METAL PANEL BOX

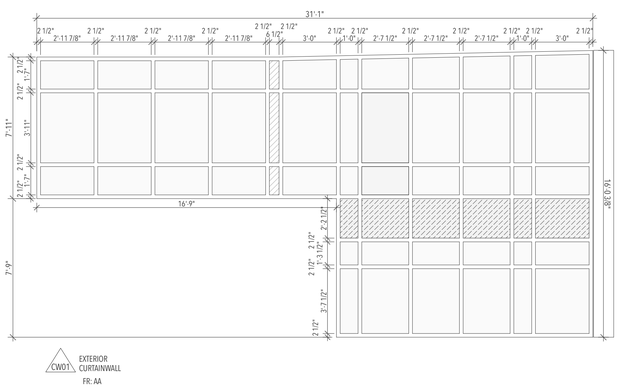
AA | ANODIZED ALUMINUM
DB | DARK BRONZE

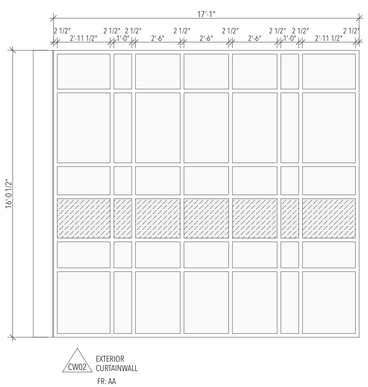
45 | 4 1/2" FRAME DEPTH
60 | 6" FRAME DEPTH

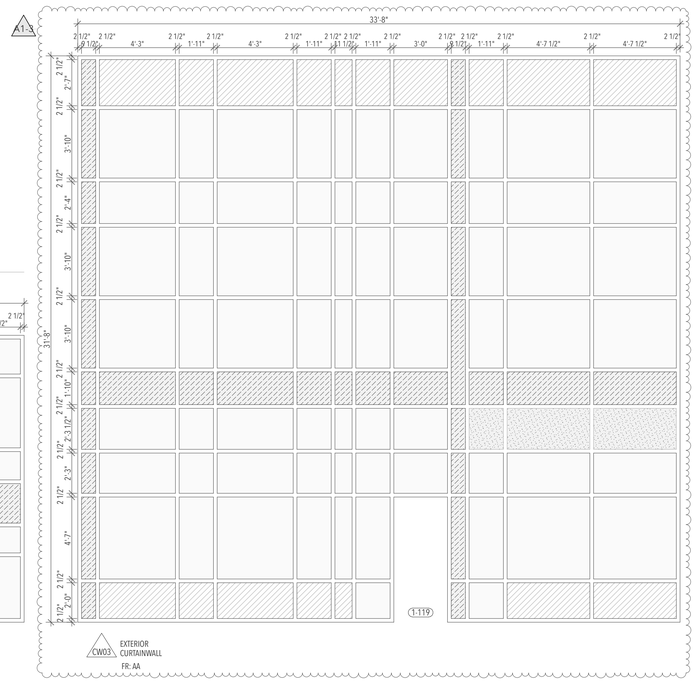
CNTR | CENTER GLAZED
FRNT | FRONT GLAZED











K1 WINDOW ELEVATIONS
SCALE: 1/4" = 1'-0"

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 NORTH CAROLINA BELVILLE, N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

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CONSTRUCTION DOCUMENT PHASE
PROGRESS COORDINATION SET

BRW&S - H2GO
FIELD OPERATIONS AND ADMINISTRATIVE COMPLEX

FIELD OPERATIONS & ADMINISTRATIVE OFFICES BUILDING 01
215 POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: **01 SEPTEMBER 2026**
REVISION DATES:

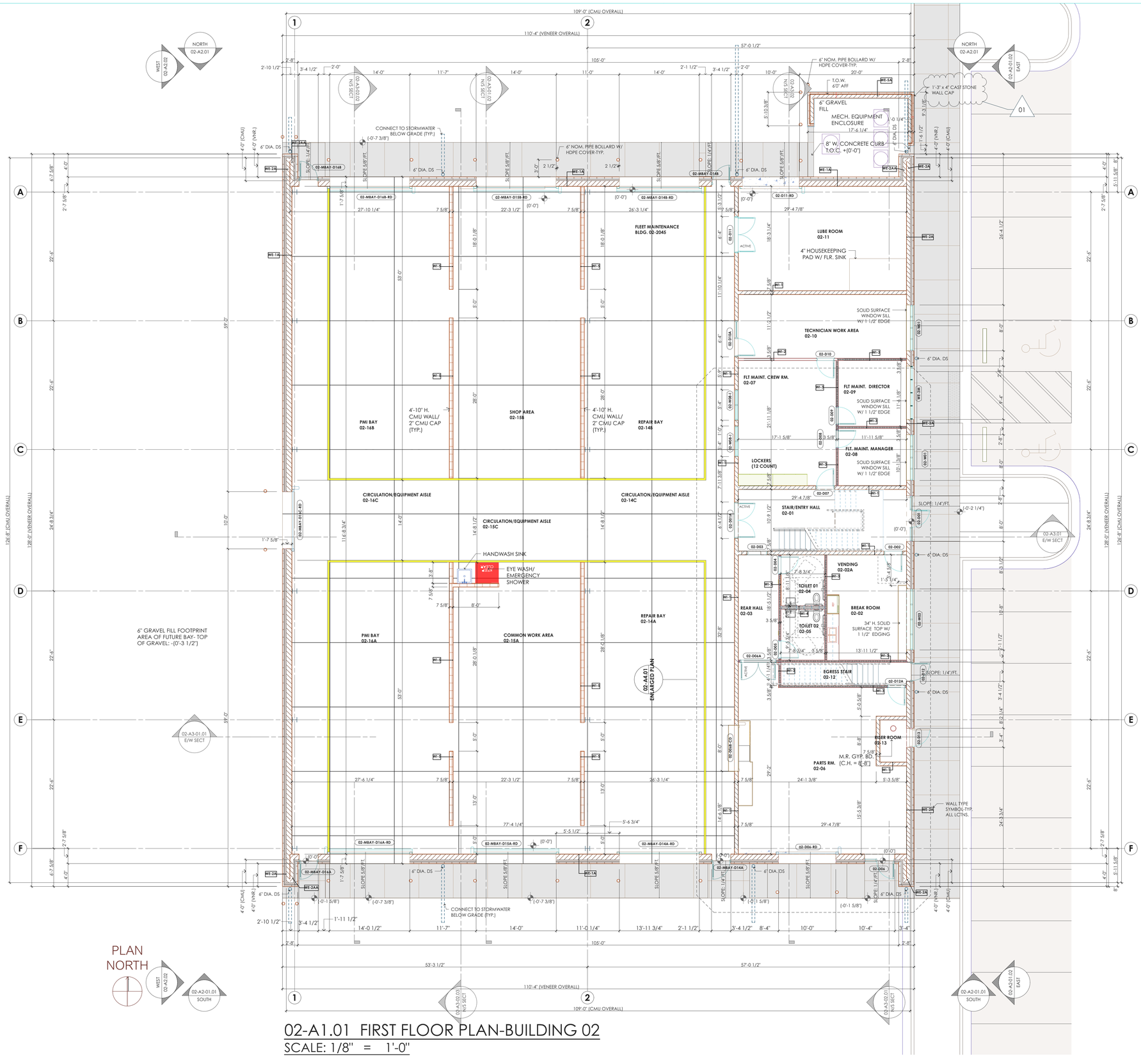
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	A1-3	CURTAINWALL CW03 UPDATE	9/24/26

STOREFRONT / CURTAINWALL ELEVATIONS

BUILDING 01

01-A7-04



02-A1.01 FIRST FLOOR PLAN-BUILDING 02

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

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 BELVILLE, N.C.

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RELEASED FOR BIDDING AND CONSTRUCTION
01 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex
FLEET MAINTENANCE FACILITY
BUILDING 02
168 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 01 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

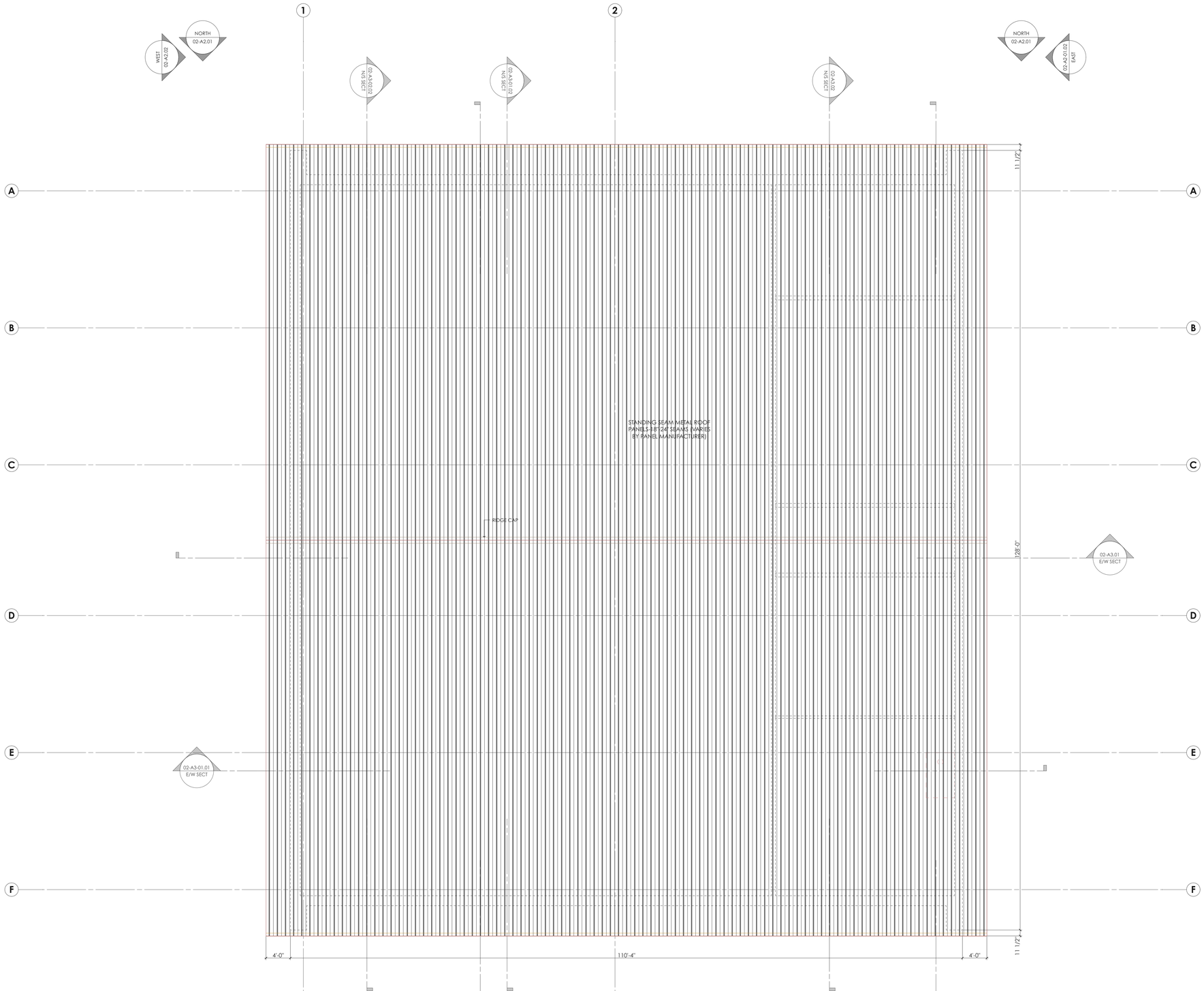
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01			9/1/26
02	01	ADD CAST STONE WALL CAP	9/24/26

FIRST FLOOR PLAN

BUILDING 02

02-A1



02-A1-04.01 ROOF PLAN-BUILDING 02

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

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA BELVILLE N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

23 SEPTEMBER 2026

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RELEASED FOR BIDDING AND CONSTRUCTION
24 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex

FLEET MAINTENANCE FACILITY
BUILDING 02

168 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 24 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

PROJECT NO.: 342302

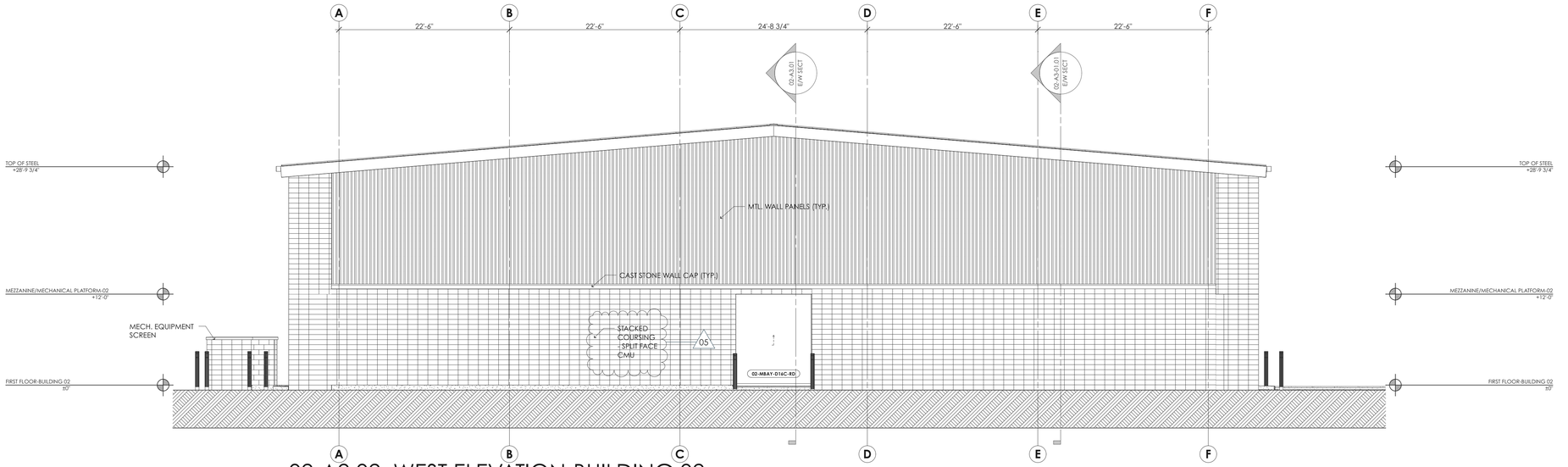
RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	02	ADD SHT. 02-A1-04 ROOF PLAN	9/24/26

ROOF PLAN

BUILDING 02

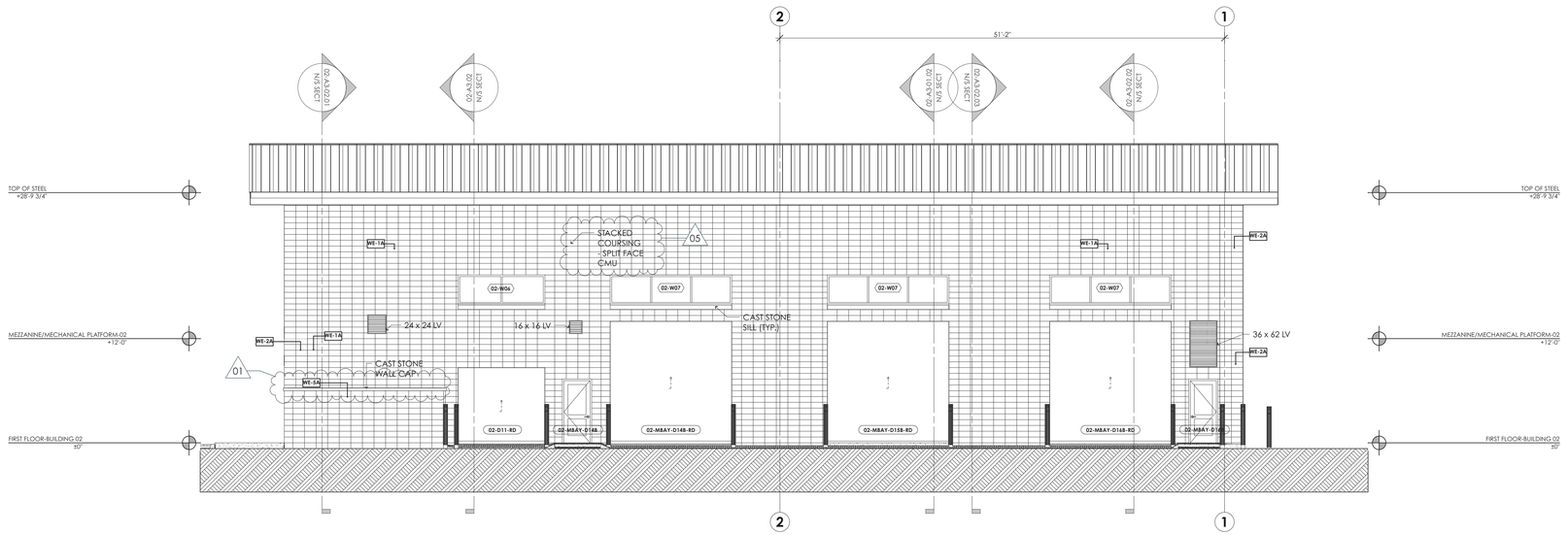
02

02-A1-04



02-A2.02 WEST ELEVATION-BUILDING 02

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



02-A2.01 NORTH ELEVATION-BUILDING 02

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

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 BELVILLE, N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

01 SEPTEMBER 2026

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BRW&S-H2GO
Field Operations and Administrative Complex
FLEET MAINTENANCE FACILITY
BUILDING 02
168 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 01 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

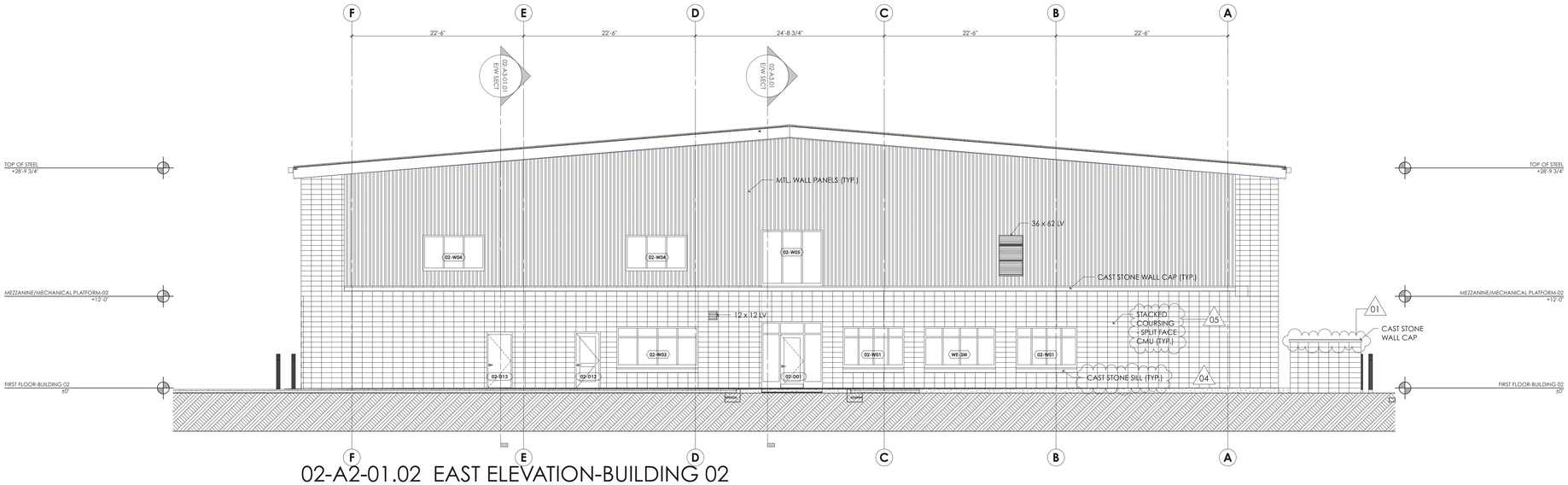
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01			9/1/26
02	01	ADD CAST STONE WALL CAP	9/24/26
	05	REVISE WALL MATERIAL	

ELEVATIONS

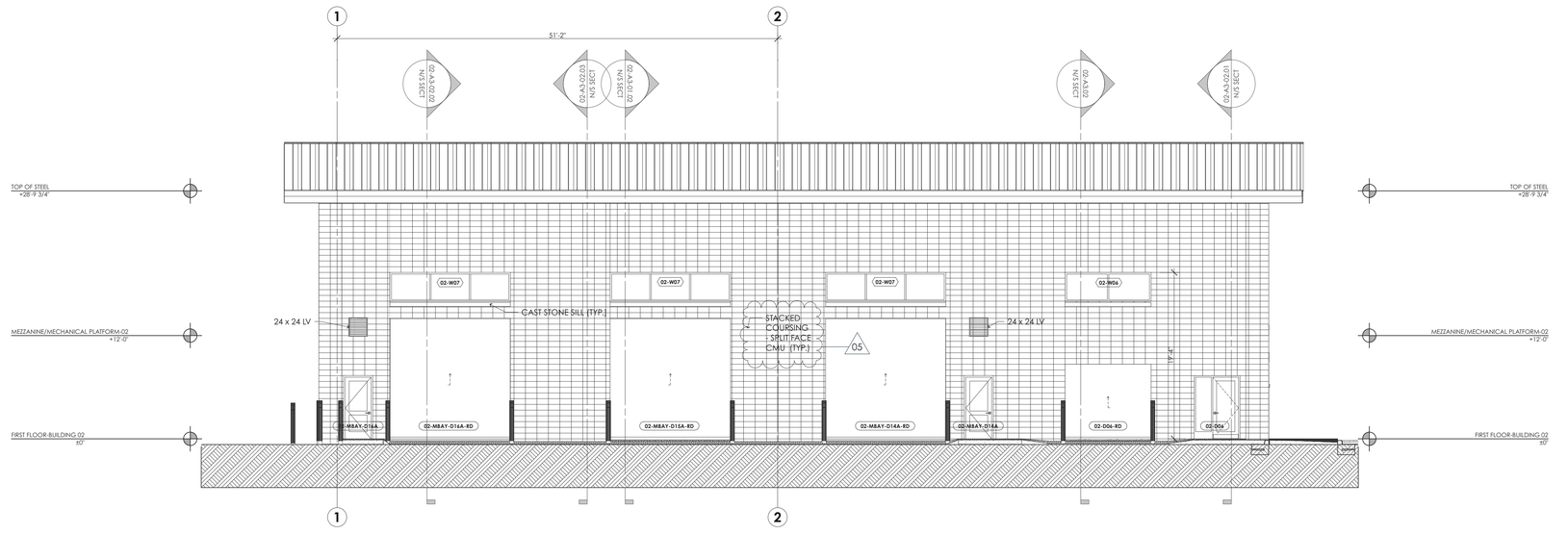
BUILDING 02

02-A2



02-A2-01.02 EAST ELEVATION-BUILDING 02

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



02-A2-01.01 SOUTH ELEVATION-BUILDING 02

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

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168 GREGORY ROAD
BELVILLE, N.C. 28451

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REVISION DATES: 24 SEPTEMBER 2026

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01			9/1/26
	01	ADD CAST STONE WALL CAP	
02	04	REVISE SILL TO CAST STONE	9/24/26
	05	REVISE WALL MATERIAL	

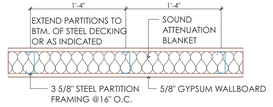
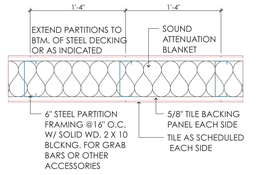
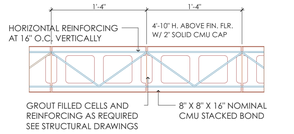
ELEVATIONS

BUILDING 02

02-A2-01

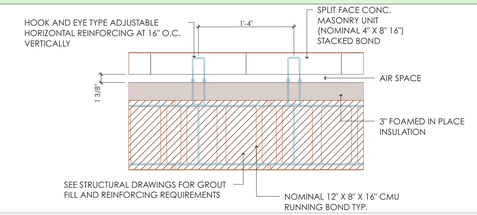
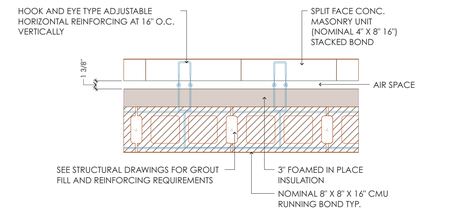
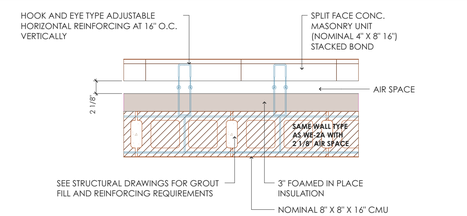
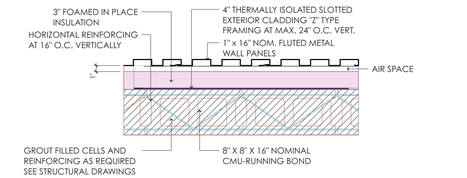
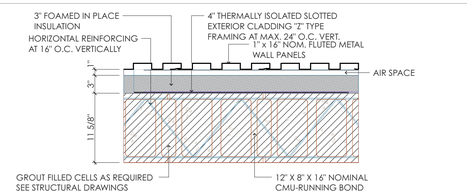
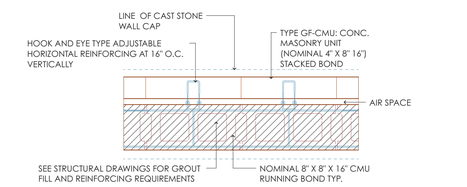
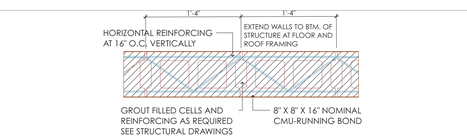
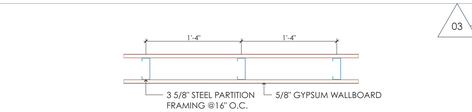
02-A5.01 WALL TYPE LEGEND-BUILDING 02-CONTINUED

SCALE: 1" = 1'-0"

WALL TYPE ID MARK	
WI-3	
WI-4	
WI-5	

02-A5.01 WALL TYPE LEGEND-BUILDING 02

SCALE: 1" = 1'-0"

WALL TYPE ID MARK	
WE-1A	
WE-2A	
WE-2AA	
WE-3M	
WE-4M	
WE-5	
WI-1	
WI-2	

03

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BRW&S-H2GO
Field Operations and Administrative Complex
FLEET MAINTENANCE FACILITY
BUILDING 02
168 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 24 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

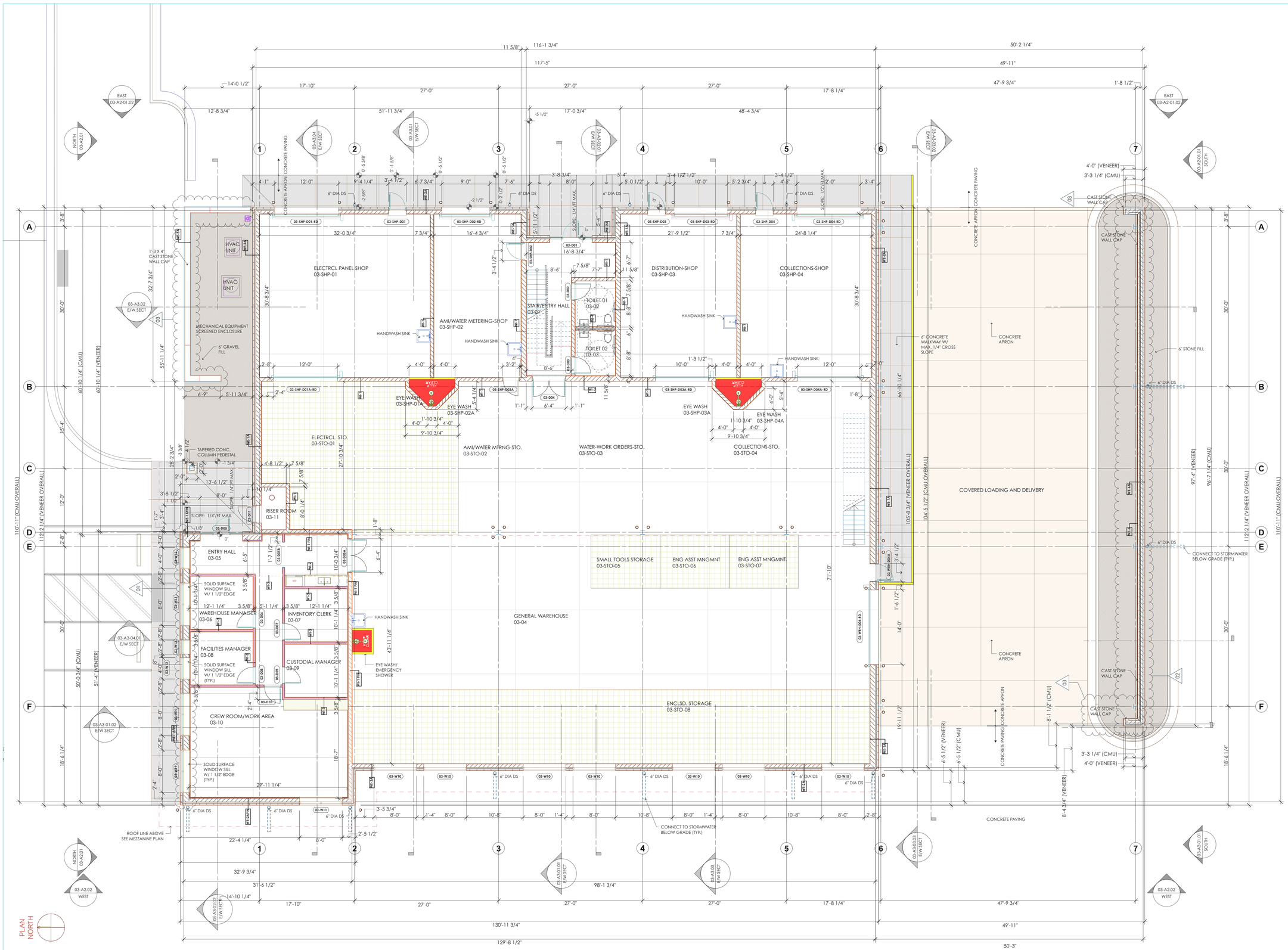
PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	03	ADD SHT. 02-A5 WALL TYPES LEGEND	9/24/26

WALL TYPES LEGEND-DETAILS

BUILDING 02

02-A5



03-A1.01 FIRST FLOOR PLAN-BUILDING 03

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

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Field Operations and Administrative Complex
WAREHOUSE/DEPRTMNTL. SHOPS-BUILDING 03
164 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED:
REVISION DATES: **24 SEPTEMBER 2026**

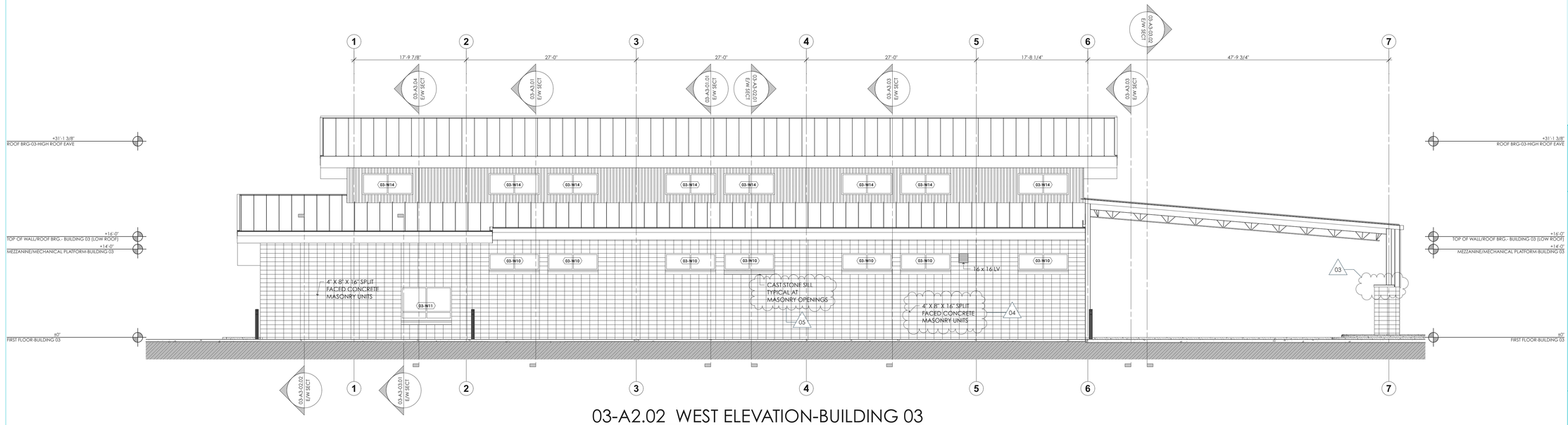
PROJECT NO.: 342302

RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	01	CHANGE WALL TYPE (8" CMU TO 12" CMU)	9/24/26
	02	REVISE AND ADD WALL TYPE	
	03	ADD CAST STONE WALL CAP	

FIRST FLOOR PLAN

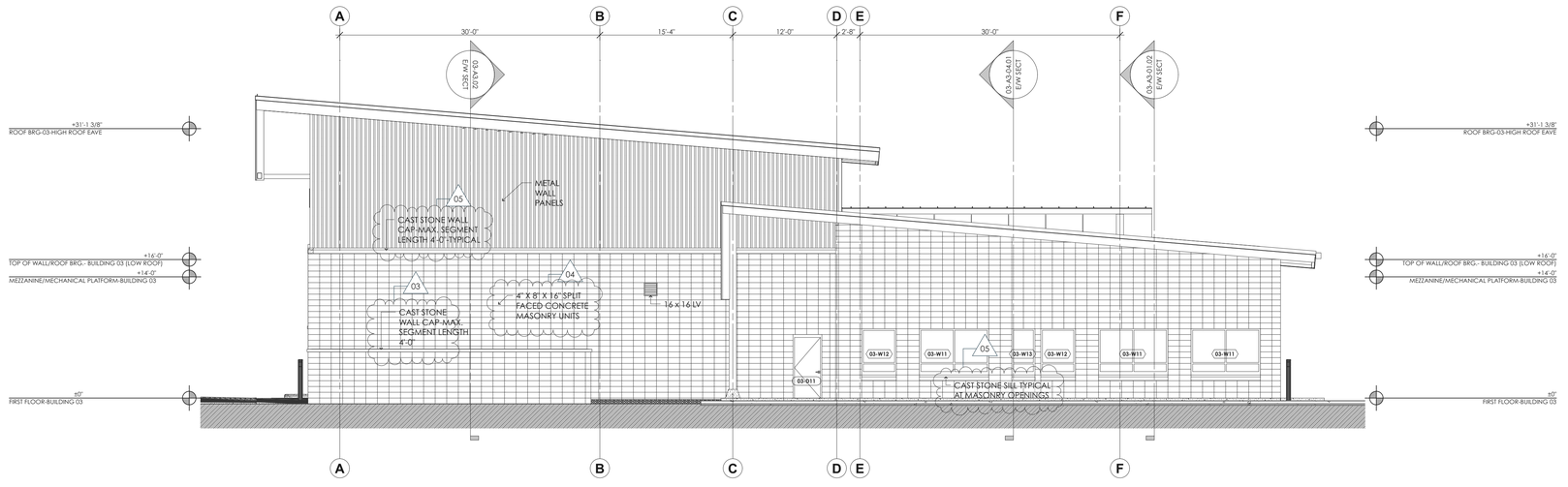
BUILDING 03

03-A1



03-A2.02 WEST ELEVATION-BUILDING 03

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



03-A2.01 NORTH ELEVATION-BUILDING 03

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

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164 GREGORY ROAD
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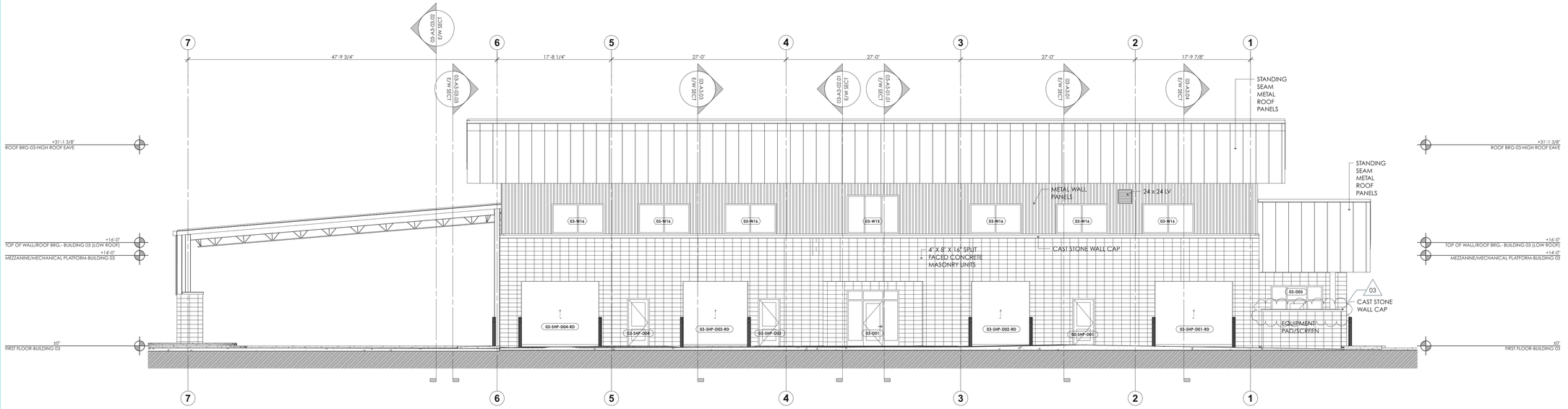
PROJECT NO.: 342302

RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	03	ADD CAST STONE WALL CAP	9/24/26
	04	REVISE WALL DESCRIPTION	
	05	ADD CAST STONE SILL NOTE	

N/W BUILDING ELEVATIONS

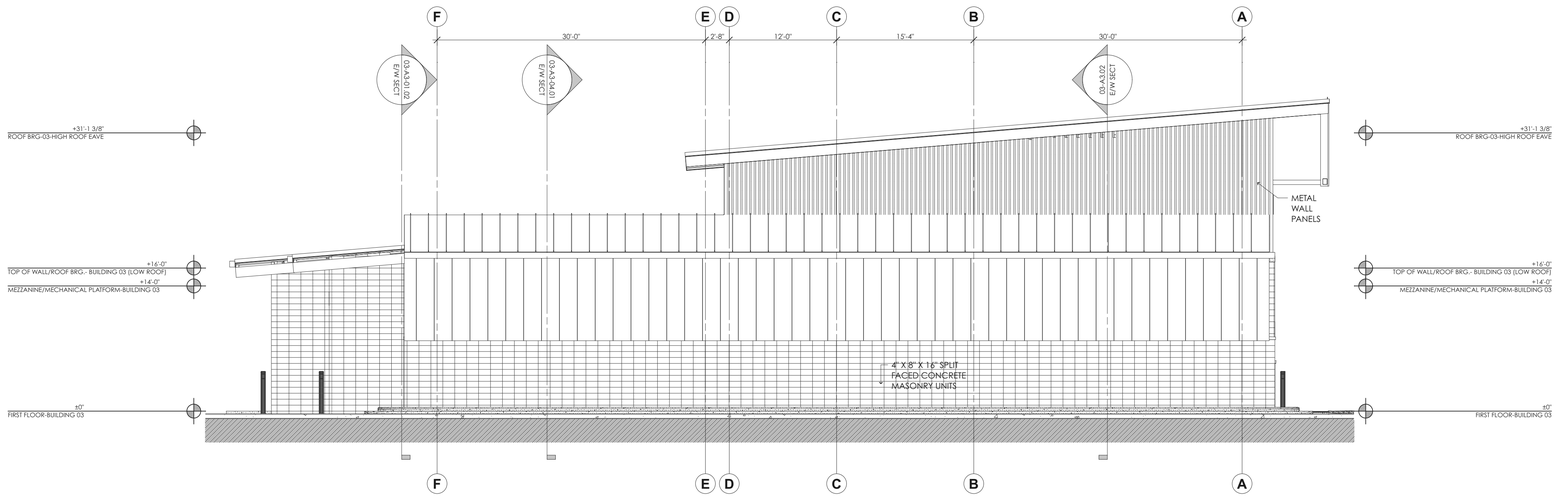
BUILDING 03

03-A2



03-A2-01.02 EAST ELEVATION-BUILDING 03

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



03-A2-01.01 SOUTH ELEVATION-BUILDING 03

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

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SHOPS-BUILDING 03
164 GREGORY ROAD
BELVILLE, N.C. 28451

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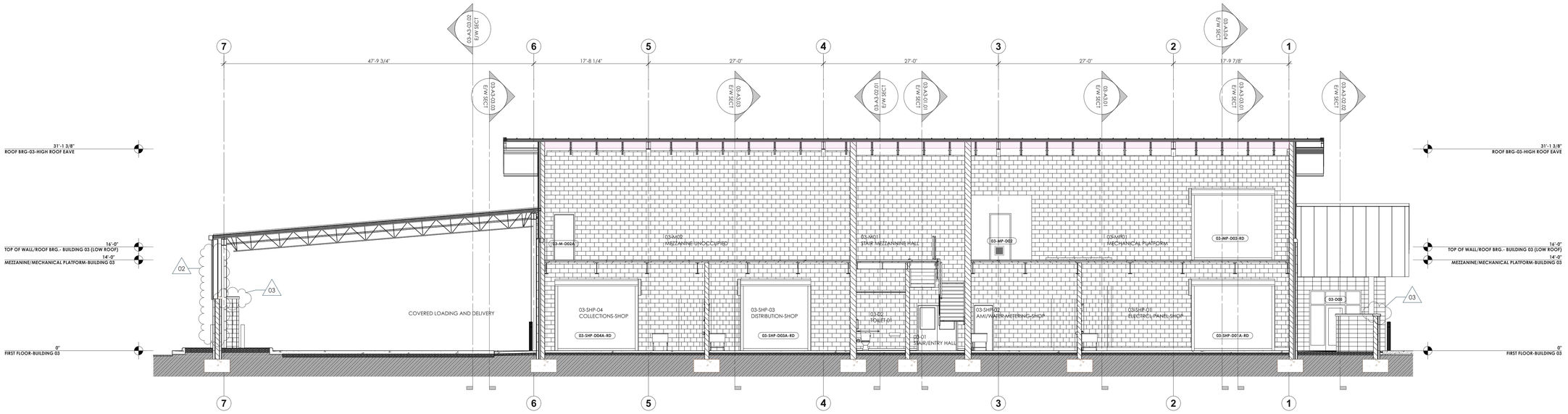
PROJECT NO.: 342302

RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	03	ADD CAST STONE WALL CAP	9/24/26

S/E BUILDING ELEVATIONS

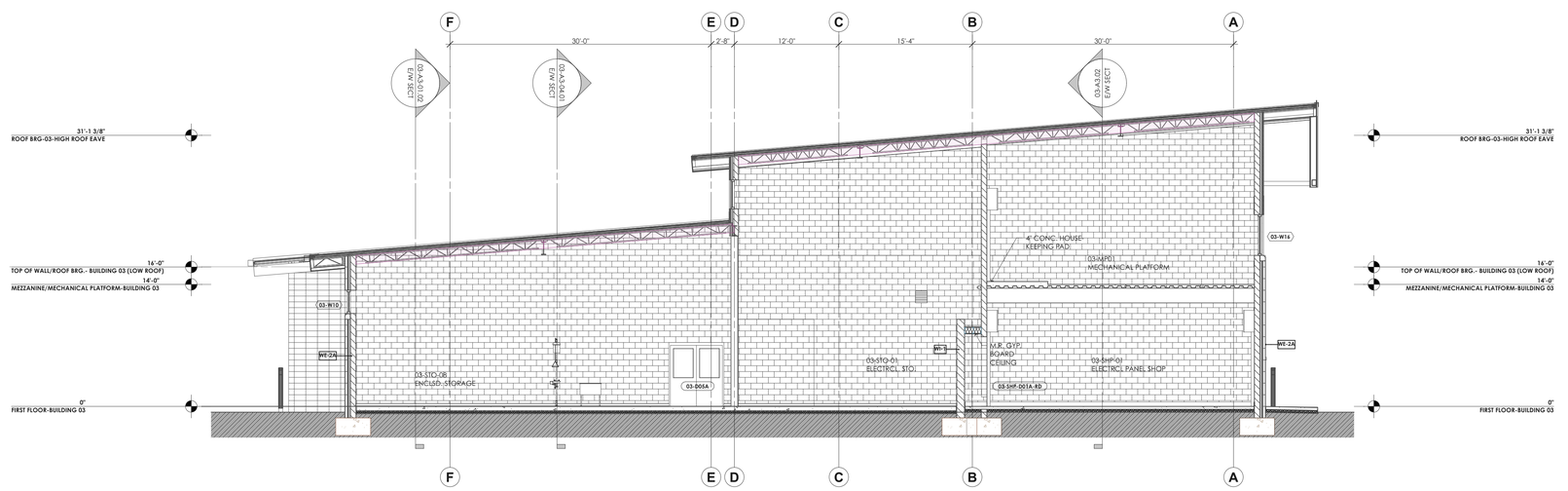
BUILDING 03

03-A2-01



03-A3.02 N/S SECTION-BUILDING 03

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



03-A3.01 E/W SECTION-BUILDING 03

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

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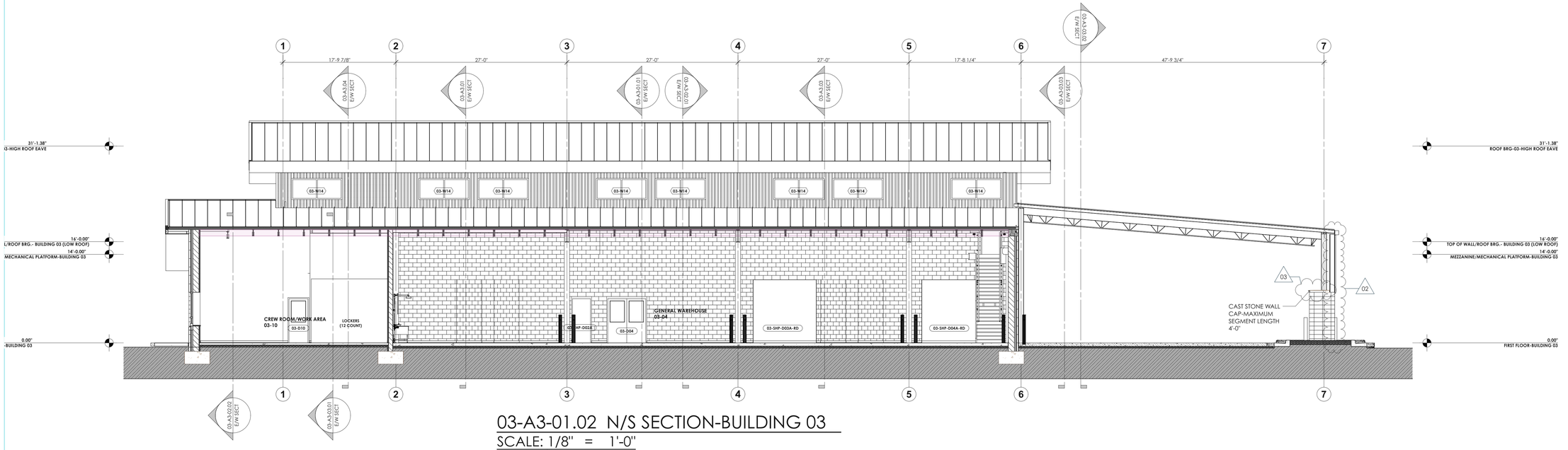
PROJECT NO.: 342302

RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	02	REVISE AND ADD WALL TYPE	9/24/26
	03	ADD CAST STONE WALL CAP	

BUILDING SECTIONS

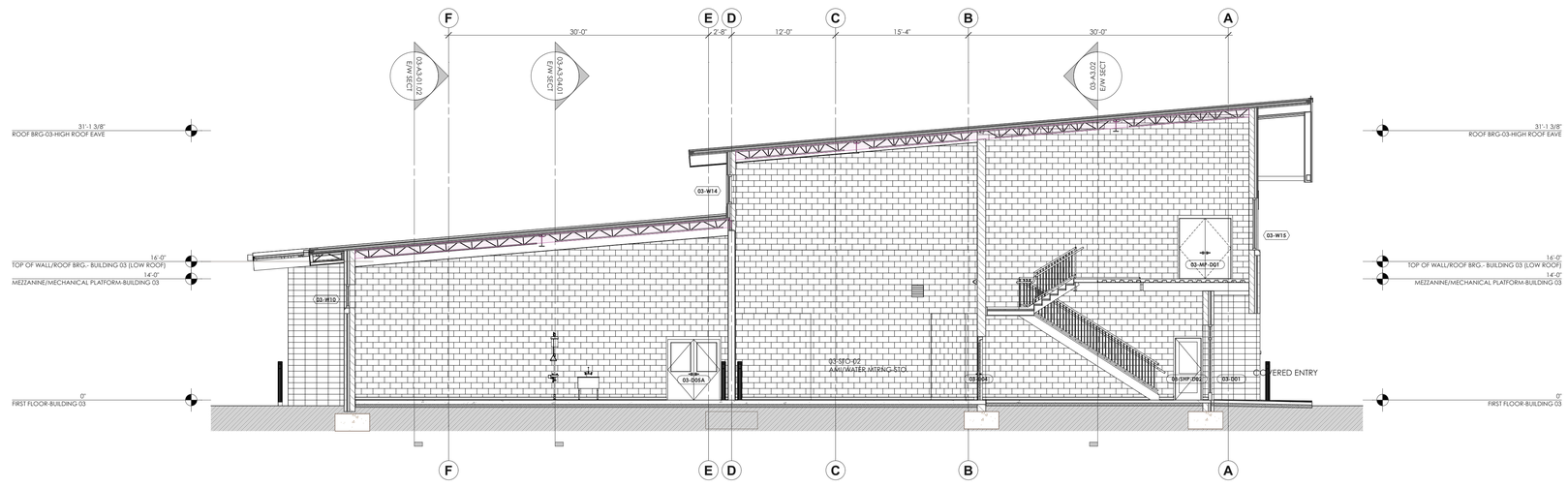
BUILDING 03

03-A3



03-A3-01.02 N/S SECTION-BUILDING 03

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



03-A3-01.01 E/W SECTION-BUILDING 03

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

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164 GREGORY ROAD
BELVILLE, N.C. 28451

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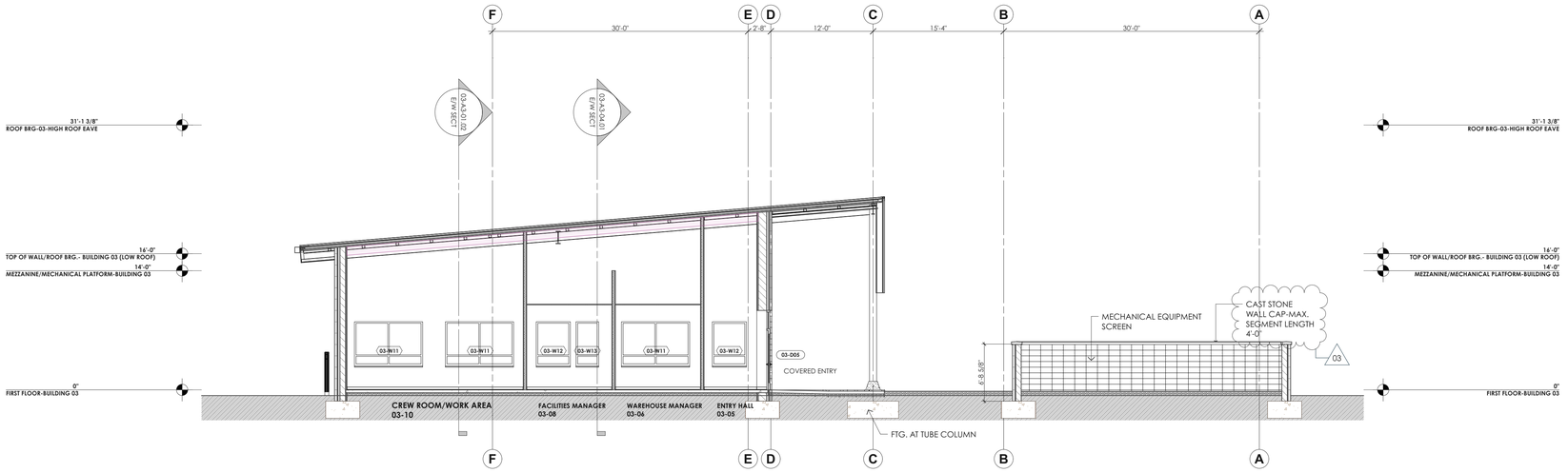
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RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	02	REVISE AND ADD WALL TYPE	9/24/26
	03	ADD CAST STONE WALL CAP	

BUILDING SECTIONS

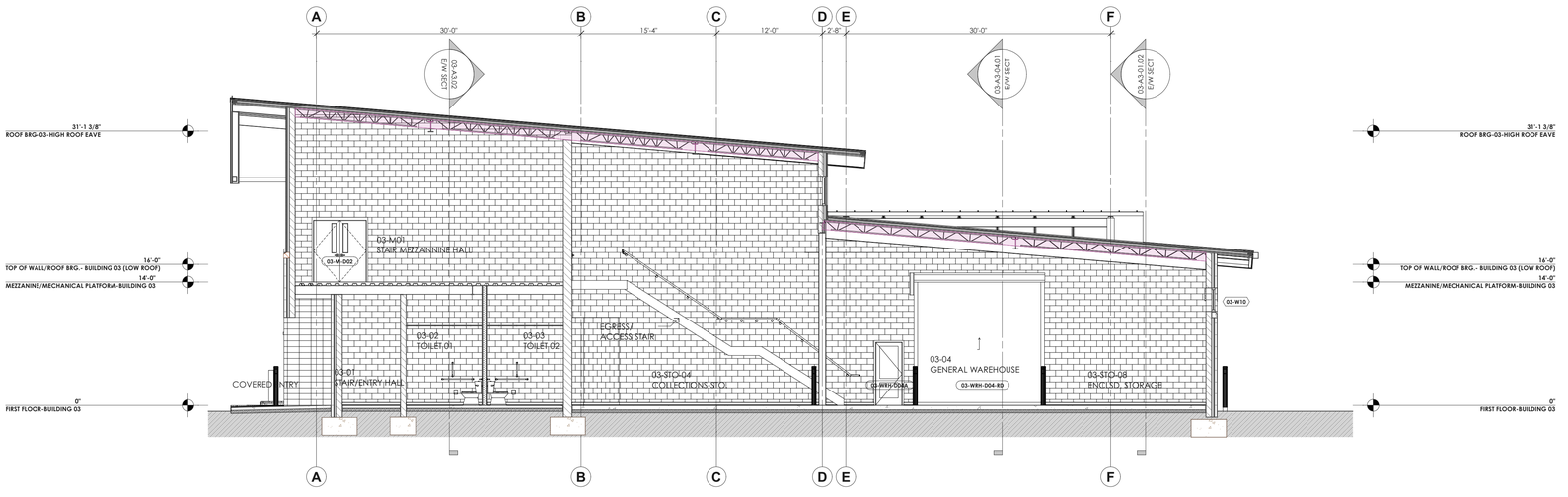
BUILDING 03

03-A3-01



03-A3-02.02 E/W SECTION-BUILDING 03

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



03-A3-02.01 E/W SECTION-BUILDING 03

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

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SHOPS-BUILDING 03

164 GREGORY ROAD
BELVILLE, N.C. 28451

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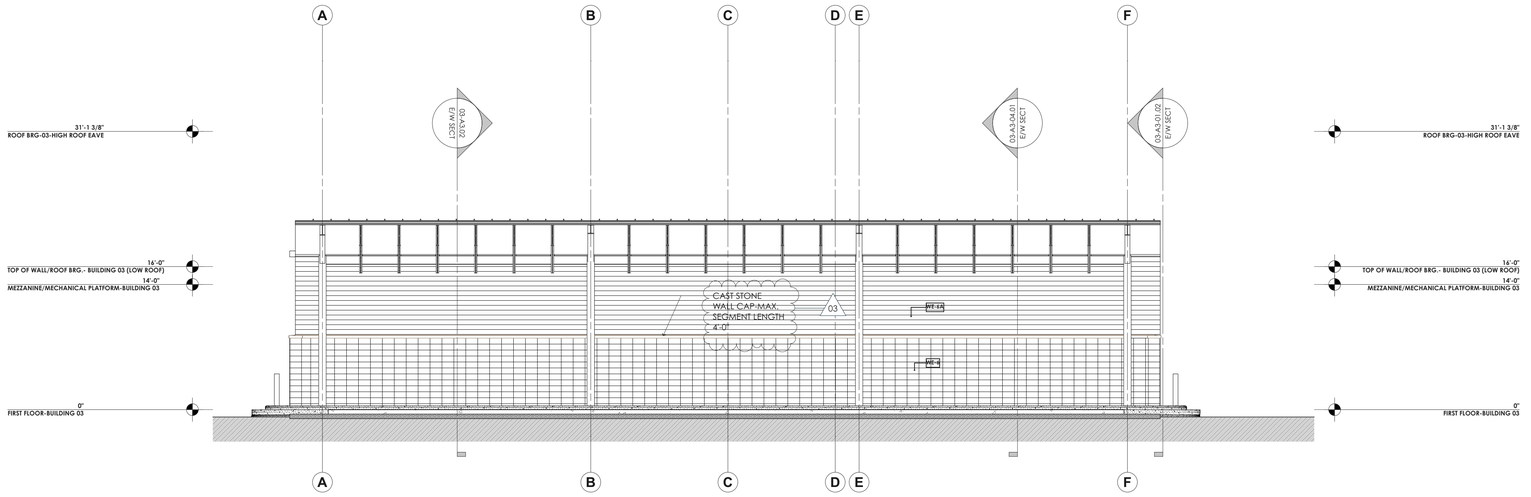
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RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	03	ADD CAST STONE WALL CAP	9/24/26

BUILDING SECTIONS

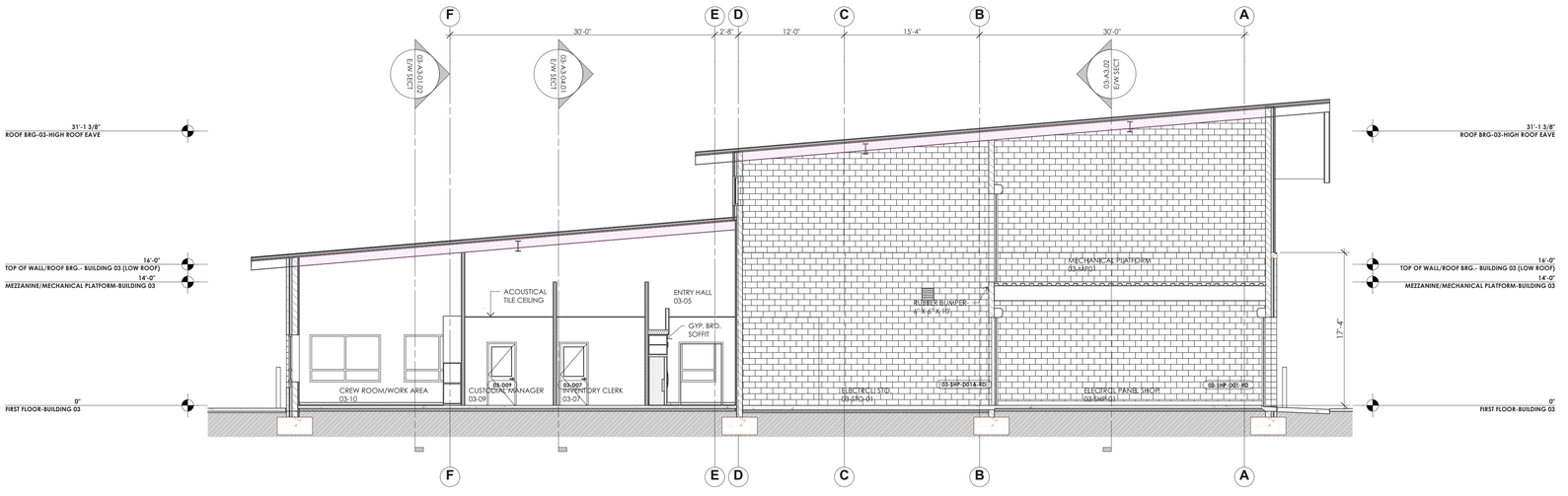
BUILDING 03

03-A3-02



03-A3-03.02 E/W SECTION-BUILDING 03

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



03-A3-03.01 E/W SECTION-BUILDING 03

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

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DATE RELEASED:
REVISION DATES:

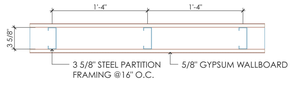
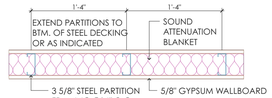
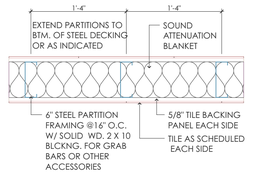
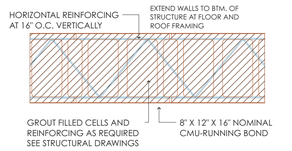
PROJECT NO.: 342302

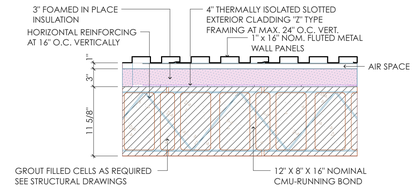
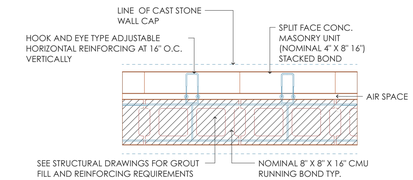
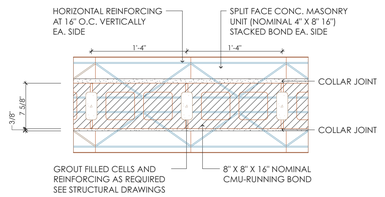
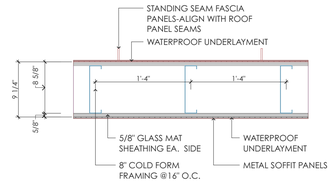
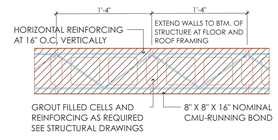
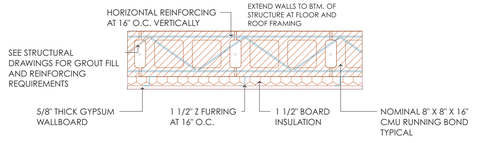
RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	03	ADD CAST STONE WALL CAP	9/24/26

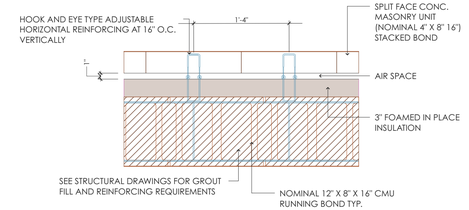
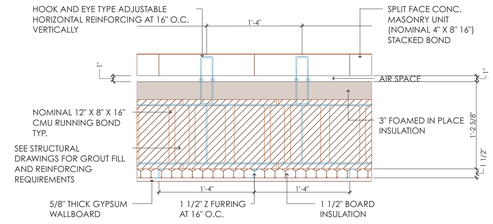
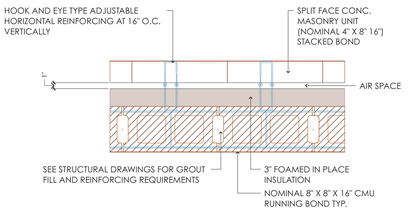
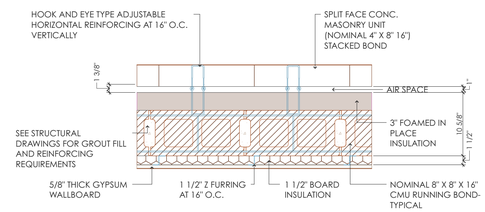
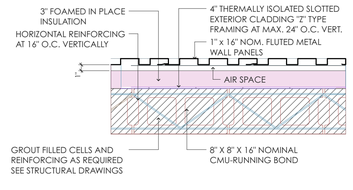
BUILDING SECTIONS

BUILDING 03

03-A3-03

WALL TYPE ID MARK	03-A5.01 WALL TYPE LEGEND-BUILDING 03-CONTINUED SCALE: 1" = 1'-0"
WI-2	
WI-3	
WI-4	
WI-7	

WALL TYPE ID MARK	03-A5.01 WALL TYPE LEGEND-BUILDING 03-CONTINUED SCALE: 1" = 1'-0"
WE-4M	
WE-5	
WE-6	
WE-6A	
WI-1	
WI-1FIN	

WALL TYPE ID MARK	03-A5.01 WALL TYPE LEGEND-BUILDING 03 SCALE: 1" = 1'-0"
WE-1A	
WE-1AFIN	
WE-2A	
WE-2AFIN	
WE-3M	

06

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA BELVILLE, N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

23 SEPTEMBER 2026

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RELEASED FOR BIDDING AND CONSTRUCTION
24 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex
WAREHOUSE/DEPRTMNTL. SHOPS-BUILDING 03
164 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 24 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

PROJECT NO.: 342302

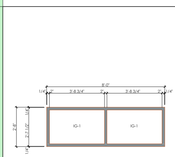
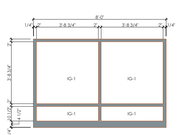
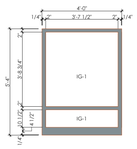
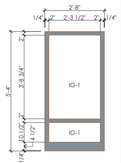
RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01	06	ADD SHEET 03-A5 WALL TYPE LEGEND	9/24/26

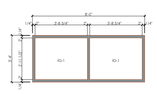
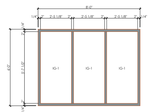
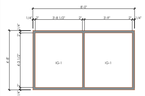
WALL TYPE LEGEND

BUILDING 03

03-A5

03-A6.03 WINDOW ELEVATIONS-TYPES: BUILDING 03

MARKER	03-W10	03-W11	03-W12	03-W13
WINDOW TYPE	FIXED	FIXED	FIXED	FIXED
FRAME TYPE	ALUMINUM; THERMALLY BROKEN	ALUMINUM; THERMALLY BROKEN	ALUMINUM; THERMALLY BROKEN	ALUMINUM; THERMALLY BROKEN
VIEW				
DIMENSIONS	8'-0"×2'-8"	8'-0"×5'-4"	4'-0"×5'-4"	2'-8"×5'-4"

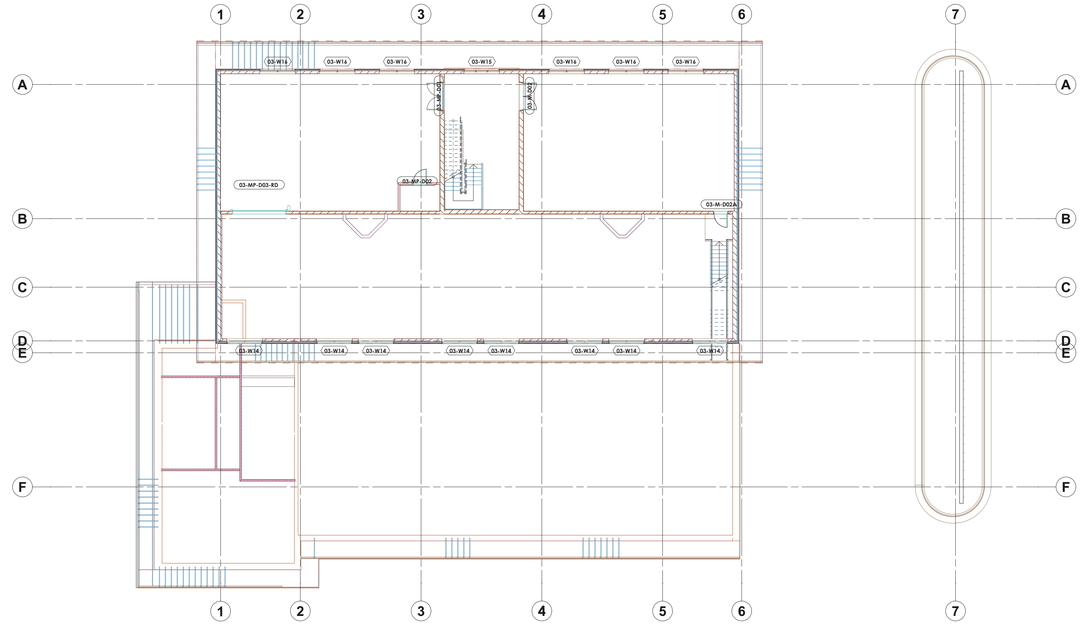
MARKER	03-W14	03-W15	03-W16
WINDOW TYPE	FIXED	FIXED	FIXED
FRAME TYPE	ALUMINUM; THERMALLY BROKEN	ALUMINUM; THERMALLY BROKEN	ALUMINUM; THERMALLY BROKEN
VIEW			
DIMENSIONS	8'-0"×3'-4"	8'-0"×6'-0"	8'-0"×4'-8"

07

03-A6.04 WINDOW SCHEDULE: BUILDING 03

WINDOW MARK	ROUGH OPENING SIZE		WINDOW TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GLASS TYPE	GLAZING	SHGC-MINIMUM REQUIRED	U FACTOR-ASSEMBLY	NOTES
	WIDTH	HEIGHT									
03-W10	8'-0"	2'-8"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W11	8'-0"	5'-4"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W12	4'-0"	5'-4"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W13	2'-8"	5'-4"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W14	8'-0"	3'-4"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W15	8'-0"	6'-0"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	
03-W16	8'-0"	4'-8"	FIXED				GLASS TYPE IG-1	INSULATED; LOW "E" COATED	.40	0.77	

08



PLAN NORTH

03-A6.02 WINDOW AND DOOR LOCATION-MEZZANINE PLAN-BUILDING 03

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



PLAN NORTH

03-A6.01 WINDOW AND DOOR LOCATION-FIRST FLOOR PLAN-BUILDING 03

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

JOHN W. THOMPSON ARCHITECT, P.A. REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA CERT. NO. 397 BELVILLE N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE N.C.

01 SEPTEMBER 2026

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RELEASED FOR BIDDING AND CONSTRUCTION
01 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex
WAREHOUSE/DEPRTMNTL.
SHOPS-BUILDING 03
164 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED:
REVISION DATES:

PROJECT NO.: 342302

RVSN. NO.	Change ID	DESCRIPTION	DATED
01			9/1/26
02	07	ADD 03-A6.03 WINDOW ELEVTIONS-TYPES-BUILDING 03	9/24/26
	08	ADD 03-A6.04 WINDOW SCHEDULE-BUILDING 03	

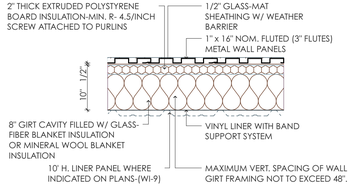
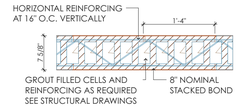
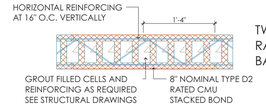
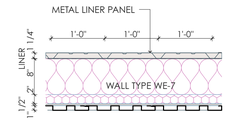
DOOR AND WINDOW MARKER LOCATION PLANS

BUILDING 03

03-A6

04-A1.03 WALL TYPES LEGEND-BUILDING 04

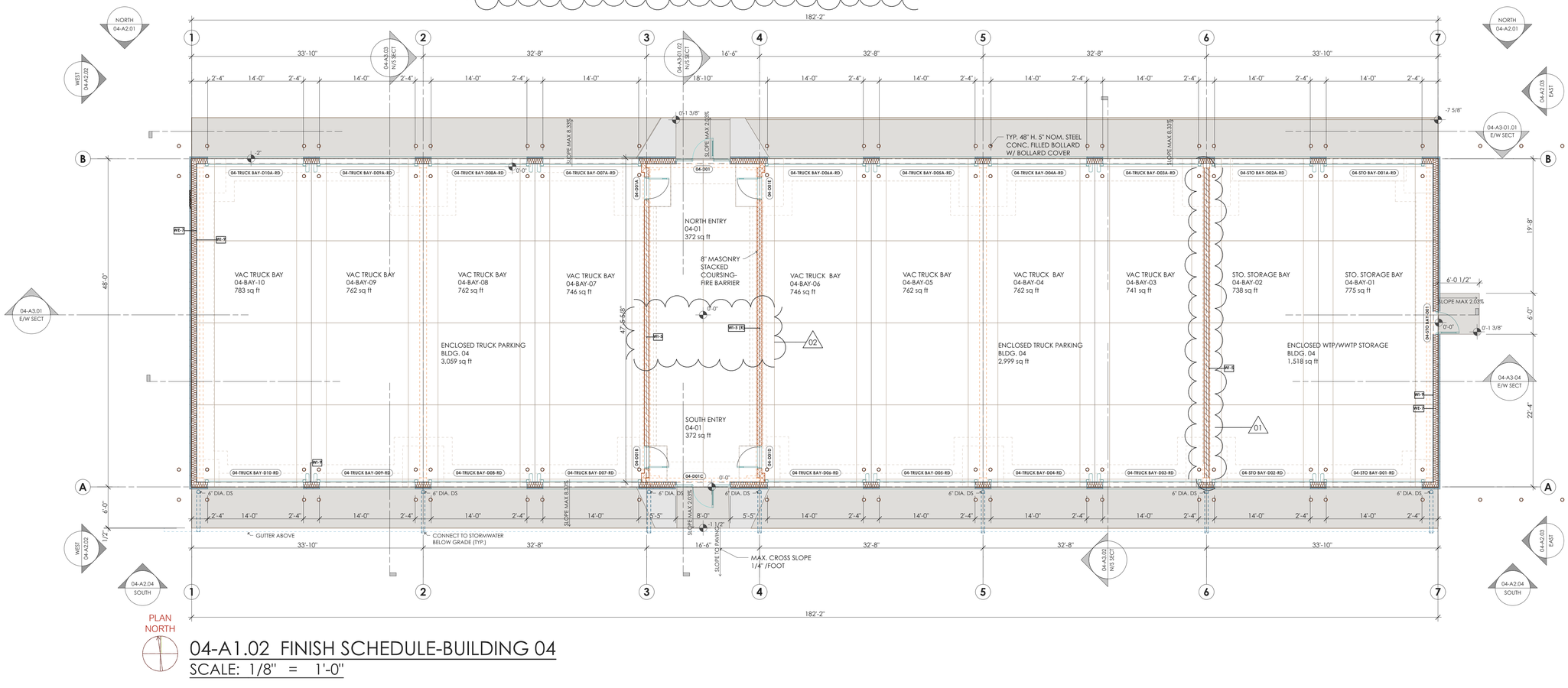
SCALE: 1" = 1'-0"

WALL TYPE ID MARK	
WE-7	
WI-5	
WI-5(R)	 TWO HOUR RATED FIRE BARRIER-UL U905
WI-9	

04-A1.02 FINISH SCHEDULE-BUILDING 04

NO SCALE

ROOM NUMBER	ROOM/SPACE NAME	FLOOR	N. WALL	S. WALL	E. WALL	W. WALL	BASE	CEILING	COMMENTS:
04-01	NORTH ENTRY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	-	CMU-PNTD.; *	CMU-PNTD. ; *	RUBBER; BASE-6" HD (B1A)	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	*BASE FOR CMU WALL ONLY
04-01	SOUTH ENTRY	CONCRETE-SEALED	-	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	CMU-PNTD.; *	CMU-PNTD. ; *	RUBBER; BASE-6" HD (B1A)	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	*BASE FOR CMU WALL ONLY
04-BAY-01	STO. STORAGE BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN; METAL LINER PANEL-10'	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-02	STO. STORAGE BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	NONE	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-03	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN; METAL LINER PANEL-10'	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-04	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-05	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-06	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	CMU-PNTD.; *	RUBBER; BASE-6" HD (B1A)	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	*BASE FOR CMU WALL ONLY
04-BAY-07	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	CMU-PNTD.; *	-	RUBBER; BASE-6" HD (B1A)	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	*BASE FOR CMU WALL ONLY
04-BAY-08	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-09	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	-	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	
04-BAY-10	VAC TRUCK BAY	CONCRETE-SEALED	VINYL LINER W/ INSLTN. ; METAL LINER PANEL-10'	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	-	VINYL LINER W/ INSLTN.; METAL LINER PANEL-10'	NONE	SLOPED STRUCTURE; VINYL LINER WITH STEEL STRAP SUPPORT	



PLAN NORTH

04-A1.02 FINISH SCHEDULE-BUILDING 04

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

JOHN W. THOMPSON ARCHITECT, P.A. CERT. NO. 397 BELVILLE, N.C.

JOHN W. THOMPSON REGISTERED ARCHITECT 4813 NORTH CAROLINA BELVILLE, N.C.

01 SEPTEMBER 2026

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RELEASED FOR BIDDING AND CONSTRUCTION
01 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex

ENCLOSED VEHICLE PARKING/ STORAGE BUILDING 04

160 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 01 SEPTEMBER 2026
REVISION DATES: 24 SEPTEMBER 2026

PROJECT NO.: 342302

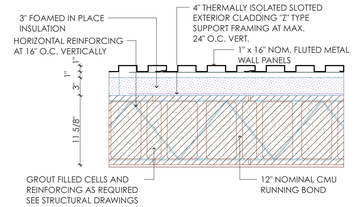
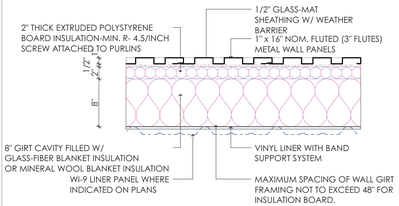
RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01			9/1/26
02	01	REVISE WALL TYPE	9/24/26
	02	REVISE WALL TYPE	
	03	ADD 04-A1.03 WALL TYPES LEGEND-BUILDING 04	

FIRST FLOOR PLAN-FINISH SCHEDULE-WALL TYPES

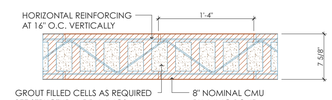
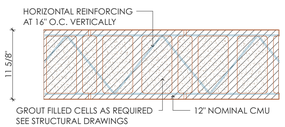
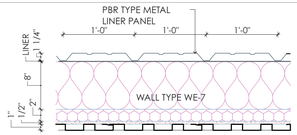
BUILDING 04

04-A1

06-A1.03 WALL TYPES LEGEND-BUILDING 06-CONT'D. SCALE: 1" = 1'-0"

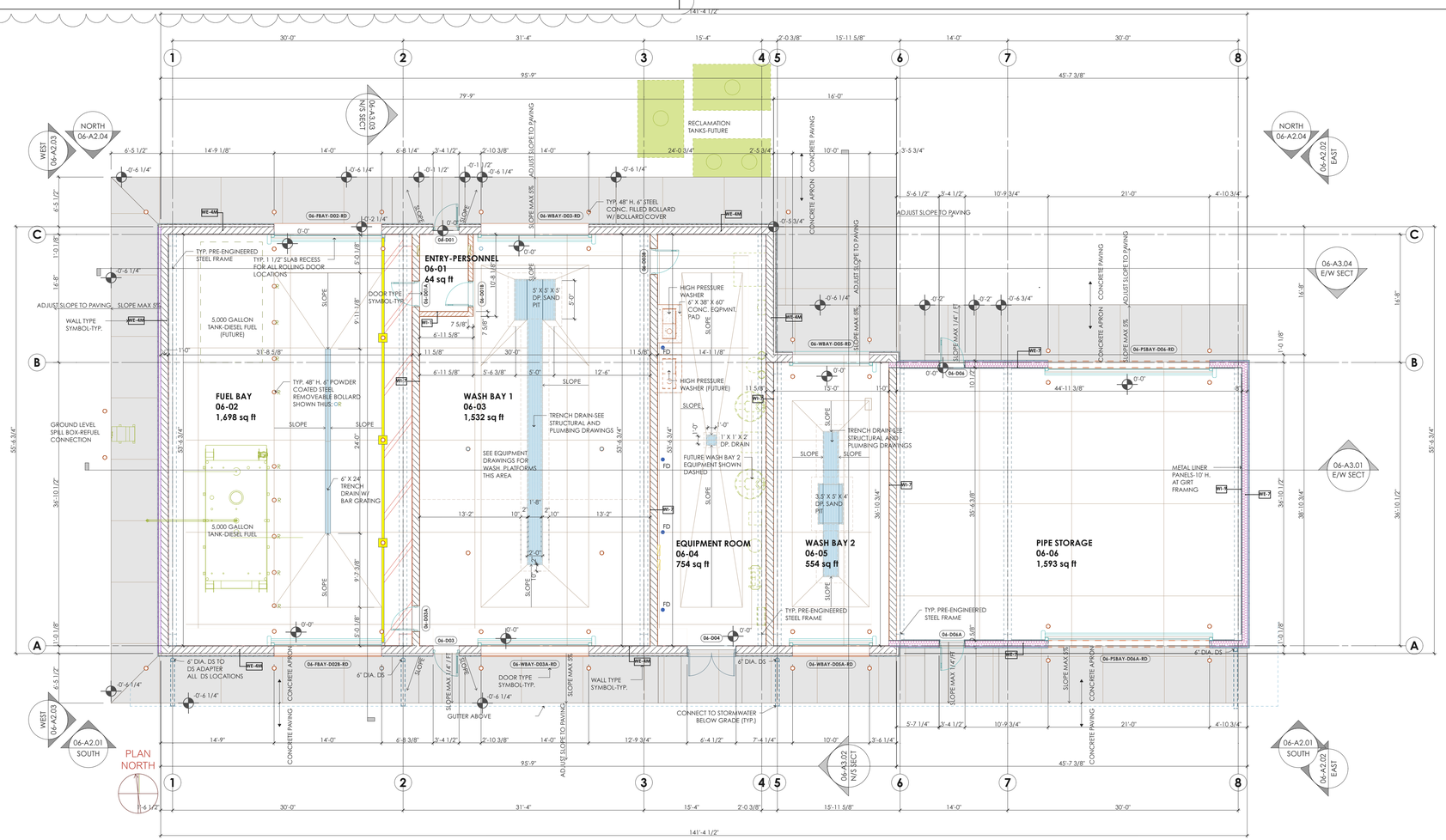
WALL TYPE ID MARK	
WE-4M	
WE-7	

06-A1.03 WALL TYPES LEGEND-BUILDING 06 SCALE: 1" = 1'-0"

WALL TYPE ID MARK	
WI-1	
WI-7	
WI-9	

06-A1.02 SPACE FINISH SCHEDULE-BUILDING 06 NO SCALE

ROOM NUMBER	ROOM/ SPACE NAME	FLOOR	N. WALL	S. WALL	E. WALL	W. WALL	BASE	CEILING	COMMENTS:
06-01	ENTRY-PERSONNEL	CONCRETE-SEALED	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	VINYL-4"; TYPE B-1	VINYL LINER SYSTEM; SLOPED STRUCTURE	
06-02	FUEL BAY	CONCRETE-SEALED	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	NONE	VINYL LINER SYSTEM; SLOPED STRUCTURE	
06-03	WASH BAY 1	CONCRETE-SEALED	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	NONE	VINYL LINER SYSTEM; CORRUGATED METAL PANEL W/ METAL TRIM; SLOPED STRUCTURE	INSTALL GALVANIZED AND PAINTED CORRUGATED STEEL PANELS ON 5/8" FIBERGLASS SHEATHING WITH 1 1/2" FURRING CHANNELS 24" O.C. TO BOTTOM OF ROOF PURLINS. COAT ALL EXPOSED STEEL FRAMING WITH ELASTOMERIC POLYUREA COATING OR APPROVED EQUIVALENT SPECIAL COATINGS.
06-04	EQUIPMENT ROOM	CONCRETE-SEALED	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	CMU-PNTD.	NONE	VINYL LINER SYSTEM; SLOPED STRUCTURE	
06-05	WASH BAY 2	CONCRETE-SEALED	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	CMU; ELASTOMERIC POLYUREA COATING	NONE	VINYL LINER SYSTEM; CORRUGATED METAL PANEL W/ METAL TRIM; SLOPED STRUCTURE	INSTALL GALVANIZED AND PAINTED CORRUGATED STEEL PANELS ON 5/8" FIBERGLASS SHEATHING WITH 1 1/2" FURRING CHANNELS 24" O.C. TO BOTTOM OF ROOF PURLINS. COAT ALL EXPOSED STEEL FRAMING WITH ELASTOMERIC POLYUREA COATING OR APPROVED EQUIVALENT SPECIAL COATINGS.
06-06	PIPE STORAGE	CONCRETE-SEALED	VINYL LINER SYSTEM; WITH: METAL WALL PANEL-PBR TYPE	VINYL LINER SYSTEM; WITH: METAL WALL PANEL-PBR TYPE	VINYL LINER SYSTEM; WITH: METAL WALL PANEL-PBR TYPE	CMU-PNTD.	NONE	VINYL LINER SYSTEM; SLOPED STRUCTURE	LINER PANEL HEIGHT: 10'-0". PROVIDE METAL CLOSURE TRIM AT TOP AND BOTTOM OF LINER PANELS. REINFORCE PANEL TOP EDGES WITH TWO NESTED 6" COLD FORM STEEL FLAT WALL FRAMING.



06-A1.01 FIRST FLOOR PLAN-BUILDING 06

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

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01 SEPTEMBER 2026

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RELEASED FOR PERMITTING AND CONSTRUCTION
DATE: 01 SEPTEMBER 2026

BRW&S-H2GO
Field Operations and Administrative Complex
FUEL/WASH/STORAGE - BUILDING 06

152 GREGORY ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 01 SEPTEMBER 2026
REVISION DATES:

PROJECT NO.: 342302

RVSN NO.	CHANGE ID	DESCRIPTION	DATED
01			9/1/26
02	01	ADD 06-A1.03 WALL TYPES LEGEND	9/24/26
	02	Change Sheet Number	

FIRST FLOOR PLAN-FINISH SCHEDULE

BUILDING 06

02

06-A1

FIRE SPRINKLER PROJECT SCOPE

1 THE SCOPE OF THIS PROJECT INCLUDES THE COMPLETE CONSTRUCTION OF THE FOLLOWING FIRE PROTECTION SYSTEMS: A WET-PIPE SPRINKLER SYSTEM; A DRY-PIPE SPRINKLER SYSTEM FOR THE LOADING DOCK, DESIGNED TO PROTECT THE NEW CONSTRUCTION ONE (1) STORY WAREHOUSE BUILDING.

2 PROVIDE ESFR SPRINKLER SYSTEM THROUGHOUT THE WAREHOUSE AREA WITH DESIGN CRITERIA LISTED IN THE TABLE FIRE SPRINKLER SYSTEM DESIGN SCHEDULE BELOW.

FIRE SPRINKLER DESIGN APPLICABLE CODES AND STANDARDS

1 2018 NORTH CAROLINA BUILDING CODE
2 2018 NORTH CAROLINA FIRE PREVENTION CODE
3 NFPA 13 STANDARD FOR THE INSTALLATION OF FIRE SPRINKLER SYSTEMS (2013)
4 NFPA 25 STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (2017)
5 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (2013)
6 ALL LOCAL AHJ REQUIREMENTS

FIRE SPRINKLER GENERAL REQUIREMENTS

1 NO CHANGES TO THE "FP" SHEETS BY THE SPRINKLER SUBCONTRACTOR ARE ALLOWED EXCEPT FOR ADDING SHOP DRAWING INFORMATION. ALL REQUIRED REVISIONS TO THE "FP" SHEETS (OTHER THAN MINOR REVISIONS FOR THE PURPOSE OF COORDINATION) AND ANY ABNORMAL CONDITIONS THAT WOULD RESULT IN NON-COMPLIANCE SHALL BE SUBMITTED IN WRITING AND SHALL BE APPROVED BY SUMMIT FIRE CONSULTING NC PLLC AND THE AHJ.

2 THE FIRE SPRINKLER SYSTEMS IN THIS BUILDING SHALL BE MONITORED BY A FIRE ALARM CONTROL PANEL FURNISHED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. ALL TAMPER SWITCHES AND WATER FLOW INDICATORS SHALL BE INSTALLED BY THE SPRINKLER CONTRACTOR.

3 ALL PIPE LENGTHS SHOWN ARE CENTER TO CENTER DIMENSIONS.

4 ALL INSPECTOR'S TEST CONNECTIONS AND LOW POINT DRAINS SHALL BE IN ACCORDANCE WITH NFPA 13 AND SHALL BE DISPLAYED ON SHOP DRAWINGS. MOUNT CONTROL VALVES FOR INSPECTOR'S TEST CONNECTION AND LOW POINT DRAINS INSIDE BUILDING AT 5'-0" A.F.F. PIPE DRAIN LINES TO EXTERIOR OF BUILDING. COORDINATE WITH THE ARCHITECT FOR ACCEPTABLE LOCATIONS.

5 SPRINKLERS IN T-BAR CEILING SHALL BE PLACED IN QUARTER POINT OR CENTER OF 2x4 TILE. IN ALL SOFFITED AREAS, SPRINKLERS SHALL BE ALIGNED WITH ADJACENT LIGHTING.

6 SIGNAGE SHALL BE PROVIDED AS REQUIRED, INCLUDING RISER ROOM IDENTIFICATION, FDC, TEST CONNECTIONS AND HYDRAULIC PLACARD.

7 FLOW SWITCH SHALL BE CONNECTED TO AN OUTSIDE ALARM BELL OR OTHER AUDIBLE ALARM DEVICE AT EACH RISER. APPROVED IDENTIFICATION SIGNS SHALL BE PROVIDED ON THE OUTSIDE ALARM BELL "SPRINKLER FIRE ALARM - WHEN ALARM SOUNDS CALL 911 / FIRE DEPARTMENT"

8 REFERENCE THE CIVIL DRAWINGS FOR ADDITIONAL FIRELINE INFORMATION AND ACTUAL LENGTHS OF PIPE. THE LAYOUT SHOWN ON THE CIVIL DRAWINGS WILL SUPERSEDE WHAT IS SHOWN ON THE FIRE PROTECTION SITE PLAN. THE FIRE PROTECTION SITE PLAN IS FOR HYDRAULIC REFERENCE ONLY.

9 THE FIRE DEPARTMENT CONNECTION (FDC) IS A 5" STORZ TYPE CONNECTION AND IS LOCATED ATTACHED TO THE EXTERIOR OF THE RISER ROOM.

10 QUICK RESPONSE SPRINKLERS SHALL BE INSTALLED THROUGHOUT (UNLESS OTHERWISE NOTED).

11 THE SEISMIC DESIGN CATEGORY IS "B". THEREFORE SEISMIC DESIGN IS NOT REQUIRED.

12 A DRY PIPE SPRINKLER SYSTEM SHALL BE DESIGNED FOR AREAS SUBJECT TO FREEZING TEMPERATURE.

13 DRY PIPE MAIN LINES SHALL BE SLOPED A MINIMUM OF 1/4" PER 10', WHILE DRY PIPE BRANCH LINES SHALL BE A MINIMUM OF 1/2" PER 10' TOWARDS ACCESSIBLE DRAIN POINTS TO ALLOW DRAINAGE OF CONDENSATION OR RESIDUAL WATER.

FIRE SPRINKLER CONTRACTOR REQUIREMENTS

1 THE FIRE SPRINKLER SUBCONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, SEALING, PATCHING, AND PAINTING REQUIRED FOR INSTALLATION OF THE SPRINKLER SYSTEM. ALL PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED WITH AN APPROVED MATERIAL AS PRESCRIBED IN THE APPLICABLE CODES AND STANDARDS.

2 THE FIRE SPRINKLER SUBCONTRACTOR SHALL BE LICENSED AS REQUIRED BY THE STATE AND LOCAL AHJ FOR THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS.

3 ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS AS REQUIRED BY THE STATE AND LOCAL AHJ.

4 THE FIRE SPRINKLER CONTRACTOR SHALL PREPARE A SHOP DRAWING SUBMITTAL, HYDRAULIC CALCULATIONS, AND EQUIPMENT CUTSHEET PACKAGE SUBMITTAL, AND SUBMIT TO THE ENGINEER AND AUTHORITY HAVING JURISDICTION FOR APPROVAL. APPROVAL OF SHOP DRAWINGS AND EQUIPMENT SHALL BE OBTAINED PRIOR TO STARTING WORK.

5 SPRINKLER CONTRACTOR IS RESPONSIBLE TO COORDINATE AND ADJUST SPRINKLER AND PIPING TO ACCOUNT FOR ELECTRICAL, MECHANICAL, STRUCTURE AND ALL OTHER TRADES AT NO ADDITIONAL COST.

6 CONTRACTOR SHALL PROVIDE OWNER WITH TEST CERTIFICATES, CARE & MAINTENANCE BOOK, COPY OF NFPA 25, SPARE SPRINKLER CABINET WITH SPRINKLERS, AND REQUIRED SPRINKLER WRENCHES IN ACCORDANCE WITH NFPA 13.

7 DELIVERY OF ALL MATERIALS AND EQUIPMENT TO THE JOB SITE SHALL BE SCHEDULED TO ASSURE COMPLIANCE WITH THE PREDETERMINED CONSTRUCTION SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND HANDLING ALL MATERIALS AND EQUIPMENT ON THE JOB SITE, INCLUDING FURNISHING OF ANY STORAGE FACILITIES OR STRUCTURE REQUIRED.

8 THE SYSTEM SHOWN ON THESE PLANS REQUIRES A CONNECTION TO THE UNDERGROUND FIRE PROTECTION MAIN. THE CONTRACTOR WHO INSTALLS THE UNDERGROUND PIPING FROM THE POINT OF SERVICE IS RESPONSIBLE FOR COMPLETING THE INSTALLATION TO THE ABOVE GROUND FIRE SPRINKLER SYSTEM CONNECTION FLANGE OR GROOVED CONNECTION. ALL FIRE PROTECTION UNDERGROUND DOWNSTREAM OF THE POINT OF SERVICE IDENTIFIED ON THE PLANS SHALL BE INSTALLED BY A LICENSED CLASS I, CLASS II, OR CLASS V FIRE PROTECTION CONTRACTOR AS REQUIRED BY THE STATE FIRE MARSHAL. THE UNDERGROUND CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING DOCUMENT. ABOVE GROUND CONTRACTORS MAY NOT COMPLETE THE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR THE UNDERGROUND PIPING OR PORTION THEREOF WHICH HAVE BEEN INSTALLED BY OTHERS.

FIRE SPRINKLER MATERIAL REQUIREMENTS

1 ALL MATERIALS SHALL BE UL LISTED OR FM APPROVED.

2 ALL INTERIOR PIPE SHALL BE BLACK STEEL: SCHEDULE 10 FOR PIPES 2 1/2" AND LARGER AND SCHEDULE 40 FOR PIPES 2" AND SMALLER.

3 ALL EXTERIOR PIPE (INCLUDING NIPPLES OR SPOOL PIECES EXTENDING THROUGH EXTERIOR WALLS) SHALL BE SCHEDULE 40 GALVANIZED STEEL.

4 ALL INTERIOR GROOVED FITTINGS SHALL COME WITH THE FACTORY APPLIED COATING.

5 ALL INTERIOR THREADED FITTINGS SHALL BE CAST IRON, DUCTILE IRON OR MALLEABLE IRON.

6 ALL EXTERIOR FITTINGS SHALL BE GALVANIZED.

7 PROVIDE RIGID COUPLINGS THROUGHOUT, EXCEPT FLEXIBLE COUPLINGS SHALL BE INSTALLED AS FOLLOWS: WITHIN 24 IN. OF THE TOP AND BOTTOM OF ALL RISERS; ON BOTH SIDES OF CONCRETE OR MASONRY WALLS WITHIN 1 FT. OF THE WALL SURFACE; WITHIN 24 IN. OF BUILDING EXPANSION JOINTS; WITHIN 24 IN. OF THE TOP AND BOTTOM OF DROPS TO HOSE LINES, RACK SPRINKLERS, AND MEZZANINES, REGARDLESS OF PIPE SIZE; WITHIN 24 IN. OF THE TOP OF DROPS EXCEEDING 15 FT. IN LENGTH TO PORTIONS OF SYSTEMS SUPPLYING MORE THAN ONE SPRINKLER, REGARDLESS OF PIPE SIZE; ABOVE AND BELOW ANY INTERMEDIATE POINTS OF SUPPORT FOR A RISER OR OTHER VERTICAL PIPE.

8 HANGER LOCATION FOR ALL PIPING SHALL BE IN ACCORDANCE WITH NFPA 13. ALTERNATE UL AND FM HANGER METHODS ARE ACCEPTED AT NO ADDITIONAL COST TO THE OWNER. PROVIDE UL AND FM LITERATURE TO SUMMIT FIRE CONSULTING NC PLLC AND THE AHJ FOR REVIEW AND ACCEPTANCE.

FIRE SPRINKLER TESTING REQUIREMENTS

1 THE FIRE SPRINKLER SYSTEM SHALL BE HYDROSTATICALLY PRESSURE TESTED IN ACCORDANCE WITH NFPA 13.

2 ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS.

3 LOSS SHALL BE DETERMINED BY A DROP IN GAUGE PRESSURE OR VISUAL LEAKAGE.

4 THE TEST PRESSURE SHALL BE READ FROM A GAUGE LOCATED AT THE LOW POINT OF THE SYSTEM OR PORTION BEING TESTED. THE PRESSURES IN PIPING AT HIGHER ELEVATIONS SHALL BE PERMITTED TO BE LESS THAN 200 PSI WHEN ACCOUNTING FOR ELEVATION LOSSES. SYSTEMS OR PORTIONS OF SYSTEMS THAT CAN BE ISOLATED SHALL BE PERMITTED TO BE TESTED SEPARATELY.

FIRE SPRINKLER LEGEND

PLAN	PROFILE	DESCRIPTION
●	|	FIRE SPRINKLER HEAD
		TEE
		ELBOW
		ENDCAP
		REDUCER
		BUTTERFLY VALVE
		OS&Y GATE VALVE
		2 1/2" HOSE VALVE
		CHECK VALVE
		FLOOR CONTROL VALVE
VS		VALVE SUPERVISORY SWITCH
FS		FLOW SWITCH
E		ELECTRONIC BELL
SPS		SUPERVISORY PRESSURE SWITCH

HYDRAULIC CALCULATION SUMMARY

REMOTE AREA NAME:	SYSTEM DEMAND:	SAFETY FACTOR:
RA1 - DRY SYSTEM	692.26 GPM @ 36.37 PSI	42.65 PSI
RA2 - ESFR	1442.36 GPM @ 56.58 PSI	8.05 PSI

WATER SUPPLY INFO

Raw Flow Test Data:	
Static Pressure:	84.00 psi
Residual Pressure:	70.00 psi
Residual Flow:	1210.00 GPM
Conducted By:	H2GO
Date of Test:	04/25/2025
Time of Test:	UNK
Location of Test:	GREGORY ROAD & BACKHOE ROAD

ANNOTATION LEGEND

PLAN	DESCRIPTION
X" / X' - X"	PIPE DIAMETER OVER PIPE LENGTH
X	KEY NOTE TAG
XX	HAZARD CLASSIFICATION TAG
—·—·—	MATCHLINE
▬▬▬	REMOTE AREA

SHEET LIST

SHEET NAME	SHEET NUMBER
GENERAL FIRE SPRINKLER NOTES	03-FP001
SITE PLAN	03-FP002
LEVEL 1 FIRE SPRINKLER PLAN	03-FP101
MEZZANINE FIRE SPRINKLER PLAN	03-FP102
FIRE SPRINKLER RISER	03-FP201

FIRE SPRINKLER SYSTEM DESIGN SCHEDULE

AREAS	SYSTEM TYPE	HAZARD CLASSIFICATION	SYMBOL	DENSITY (GPM/SQFT)	DESIGN AREA (SQFT)	HOSE ALLOWANCE (GPM)	DURATION (MIN)	MAX HEAD SPACING (SQFT)	SPRINKLER TYPE	K-FACTOR	POSITION	FINISH	TEMPERATURE (°F)	REMARKS
CREW ROOM, ENTRY HALL, TOILET, MEZZANINE, OFFICES	WET-PIPE	LIGHT HAZARD	LH	0.10	1,500	100	60	225	QUICK RESPONSE STANDARD SPRAY	5.6	UPRIGHT CONCEALED PENDENT	BRASS MATCH CEILING	200	
IT ROOM	WET-PIPE	ORDINARY HAZARD (GROUP 1)	OH1	0.15	1,500	250	90	130	QUICK RESPONSE STANDARD SPRAY	5.6	UPRIGHT PENDENT	BRASS WHITE POLYESTER	200	
LOADING DOCK	DRY-PIPE	ORDINARY HAZARD (GROUP 2)	OH2	0.20	1950	250	90	130	QUICK RESPONSE STANDARD SPRAY	8.0	UPRIGHT PENDENT	BRASS WHITE POLYESTER	200	
WAREHOUSE	WET-PIPE	PALLETIZED AND SOLID PILED STORAGE, CARTONED UNEXPANDED PLASTIC	ESFR	N/A	12 SPRINKLERS ON 3 BRANCH LINES	250	60	100	ESFR	25.2	PENDENT	BRASS	175	MAXIMUM SPACING OF 8'

a. DESIGN AREA IS PERMITTED TO BE REDUCED FOR QUICK RESPONSE SPRINKLER IN ACCORDANCE WITH NFPA 13 11.2.3.2.3

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No.	Description	Date
1	ADDENDUM 1	09.24.26

BRW&S - H2GO
Field Operations and Administrative Complex
ADMINISTRATIVE & OPERATIONS OFFICES
BUILDING 01
POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 17 JUNE 2025
REVISION DATES:

PROJECT NO.: 342302

SUMMIT COMPANIES
1250 NORTHLAND DR # 200
MENDOTA HEIGHTS, MN 55120
PHONE (651) 251-1880 FAX (651) 251-1879
NORTH CAROLINA ENGINEERING FIRM #P-3173

REGISTERED NORTH CAROLINA PROFESSIONAL SEAL 046319 ENGINEER DAVID F. STACY 9.24.26

GENERAL FIRE SPRINKLER NOTES

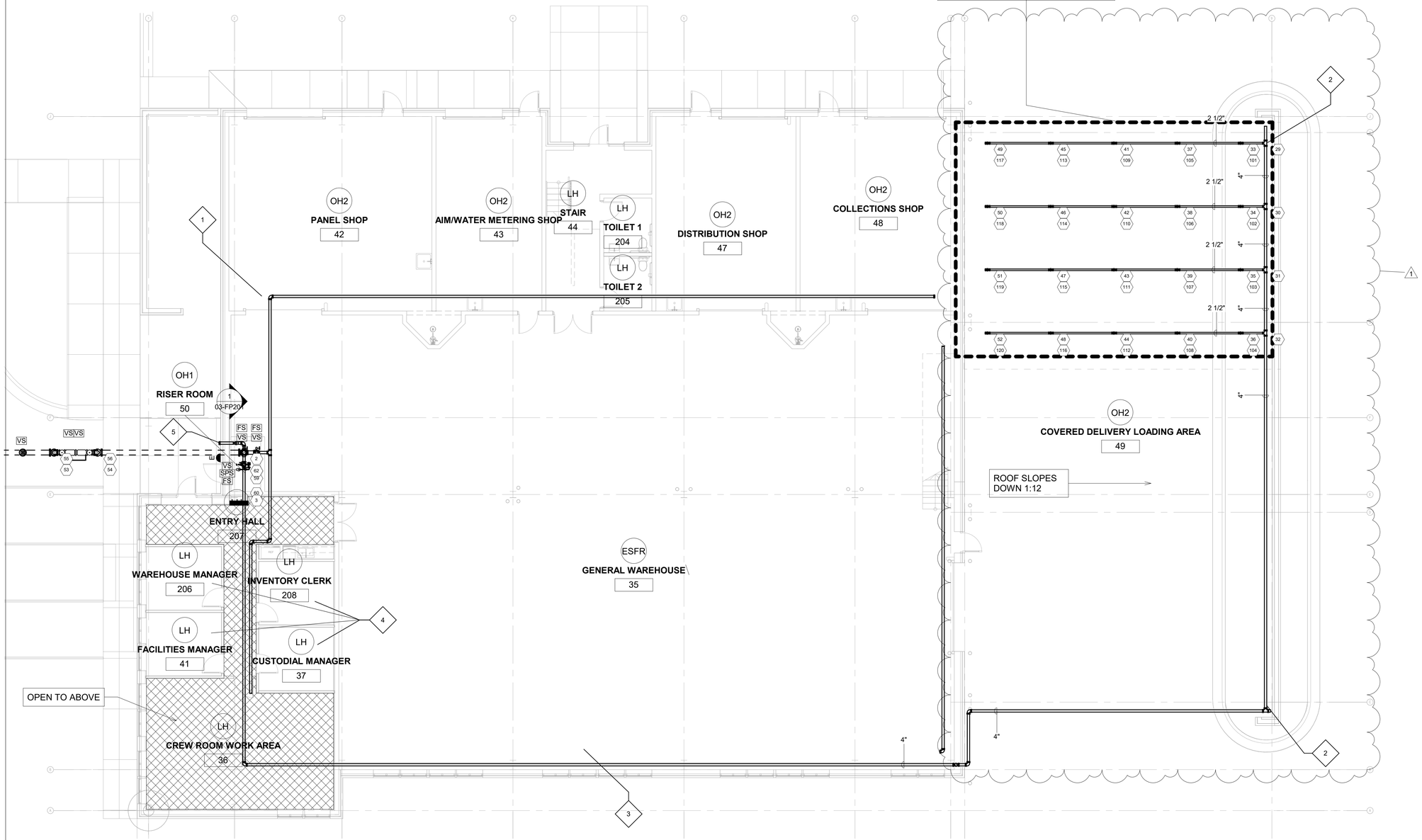
BUILDING 03

03-FP001

Hydraulic Information	
Remote Area Name	RA1 - DRY SYSTEM
Occupancy Classification	Ordinary Group II
Density	0.20 GPM
Applicable Area	1950 ft²
Actual Area	1950 ft²
Total Hose Streams	250.00 GPM
Flowing Heads	20
K-Factor	8
Total Water Required	692.26 GPM
Total Pressure Required	36.37 psi
Base of Riser	692.26 GPM
Base of Riser	36.37 psi
Safety Margin	+42.65 (53.98%)

KEYNOTE LEGEND

1 REPRESENTATIVE FIRE SPRINKLER MAIN TO PROVIDE COVERAGE FOR THE AREAS UNDER THE MEZZANINE.
2 PROVIDE A LOW POINT DRAIN FOR THE DRY SYSTEM.
3 ESFR SPRINKLER SYSTEM DESIGN CRITERIA BASED ON NFPA 13, 2013 EDITION, TABLE 15.4.1. - PALLETIZED AND SOLID-PILED STORAGE, CARTONED UNEXPANDED PLASTIC, MAXIMUM STORAGE HEIGHT 20', MAXIMUM CEILING HEIGHT 30', K-FACTOR 25.2, PENDENT ORIENTATION, MINIMUM OPERATING PRESSURE 15 PSI.
4 DROP CEILING.
5 WALL MOUNTED FDC.



1 LEVEL 1 FIRE SPRINKLER FLOOR PLAN
1/8" = 1'-0"

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BUILDING 01
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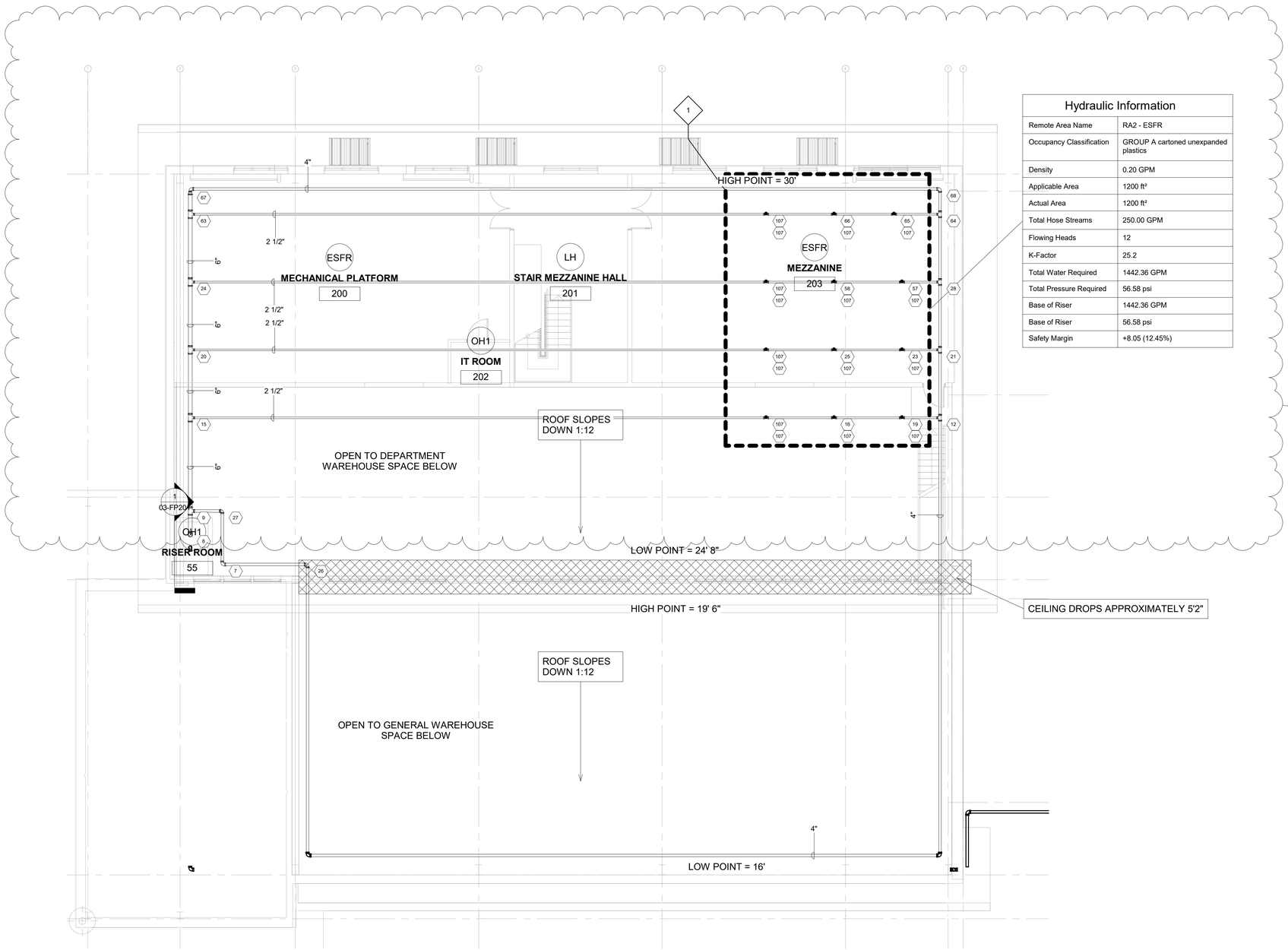
LEVEL 1 FIRE SPRINKLER PLAN

BUILDING 03

03-FP101

KEYNOTE LEGEND

1 ESFR SPRINKLER SYSTEM DESIGN CRITERIA BASED ON NFPA 13, 2013 EDITION, TABLE 15.4.1. - PALLETIZED AND SOLID-PILED STORAGE, CARTONED UNEXPANDED PLASTIC, MAXIMUM STORAGE HEIGHT 20', MAXIMUM CEILING HEIGHT 30', K-FACTOR 25.2, PENDENT ORIENTATION, MINIMUM OPERATING PRESSURE 15 PSI.



Hydraulic Information	
Remote Area Name	RA2 - ESFR
Occupancy Classification	GROUP A cartoned unexpanded plastics
Density	0.20 GPM
Applicable Area	1200 ft²
Actual Area	1200 ft²
Total Hose Streams	250.00 GPM
Flowing Heads	12
K-Factor	25.2
Total Water Required	1442.36 GPM
Total Pressure Required	56.58 psi
Base of Riser	1442.36 GPM
Base of Riser	56.58 psi
Safety Margin	+8.05 (12.45%)

1 MEZZANINE FIRE SPRINKLER FLOOR PLAN
1/8" = 1'-0"

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Field Operations and Administrative Complex
ADMINISTRATIVE & OPERATIONS OFFICES
BUILDING 01
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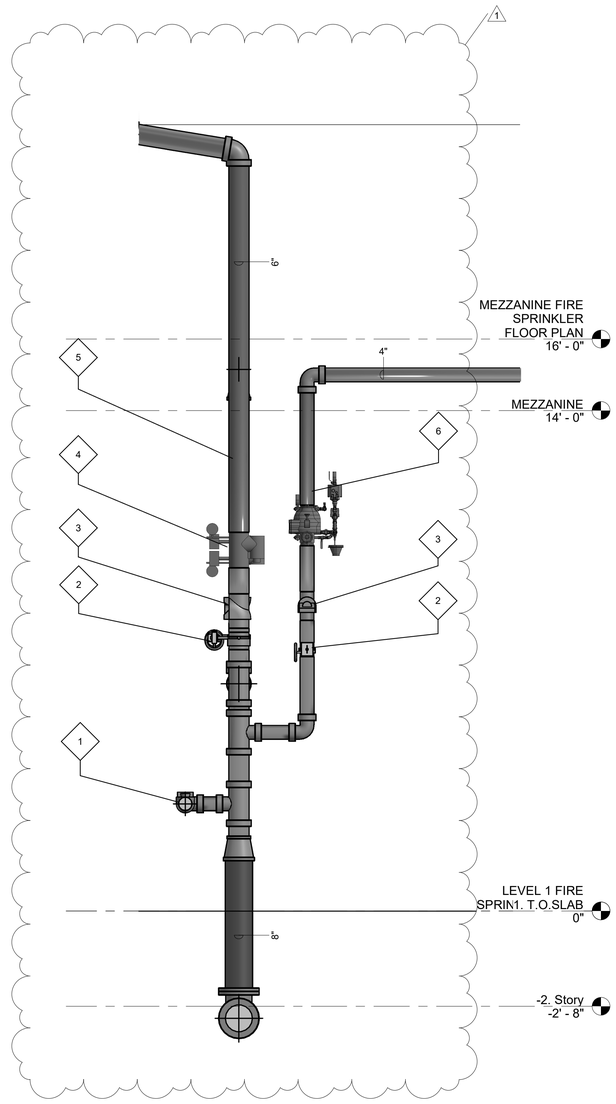
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NORTH CAROLINA PROFESSIONAL SEAL 046319 ENGINEER DAVID F. STACY 9-24-26

MEZZANINE FIRE SPRINKLER PLAN

BUILDING 03

03-FP102

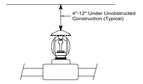


1 RISER
1/2" = 1'-0"

KEYNOTE LEGEND

1 WALL MOUNTED FDC.
2 BUTTERFLY VALVE.
3 CHECK VALVE.
4 PROVIDE FLOOR CONTROL VALVE WITH FLOW SWITCH, PRESSURE GAUGE AND INSPECTOR'S TEST AND DRAIN.
5 PIPING TO ESFR SYSTEM.
6 PIPING TO DRY SYSTEM UNDER LOADING AREA CANOPY.

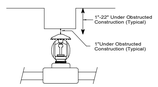
HANGER INSTALLATION REQUIREMENTS								
MAXIMUM DISTANCE BETWEEN HANGERS								
NOMINAL PIPE SIZE	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
BLAZEMASTER CPVC	5' 6"	6' 0"	6' 6"	7' 0"	8' 0"	9' 0"	10' 0"	N/A	N/A
THREADABLE LIGHTWALL	N/A	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	N/A	N/A
STEEL PIPE (10/ 40)	N/A	12' 0"	12' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"



100 PSI STATIC PRESSURE ON SYSTEM REQUIRES UP-LIFT RESTRAINT WITHIN 12 INCHES HORIZONTALLY OF HEAD FOR ARM-OVERS AND END OF BRANCH LINE

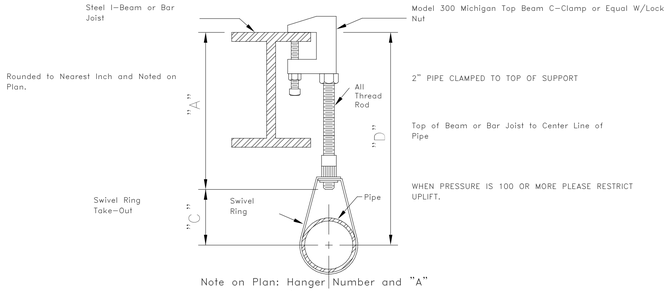
THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT EXCEED 36" FOR 1" PIPE, 48" FOR 1 1/4" PIPE AND 60" FOR 1 1/2" PIPE OR LARGER

THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARMOVER TO A SPRINKLER, SPRINKLER DROP, OR SPRIG-UP SHALL NOT EXCEED 24"



TRAPEZE INSTALLATION REQUIREMENTS								
SPAN OF TRAPEZE (Schedule 10)	NOMINAL PIPE SIZE SUPPORTED							
	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
1 FT. 6 IN.	1"	1"	1"	1"	1"	1"	1-1/4"	1-1/4"
2 FT. 0 IN.	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"
2 FT. 6 IN.	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"
3 FT. 0 IN.	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	2"
4 FT. 0 IN.	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2-1/2"
5 FT. 0 IN.	2"	2"	2"	2"	2"	2"	2-1/2"	2-1/2"
6 FT. 0 IN.	2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"
7 FT. 0 IN.	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"
8 FT. 0 IN.	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"
9 FT. O IN.	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	4"
10 FT. 0 IN.	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	4"

Top Beam
C–Clamp



Note on Plan: Hanger Number and "A" Dimension

TYPICAL PIPE HANGER DETAIL

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No.	Description	Date
1	ADDENDUM 1	09.24.26

BRW&S - H2GO
Field Operations and Administrative Complex
ADMINISTRATIVE & OPERATIONS OFFICES
BUILDING 01
POOLE ROAD
BELVILLE, N.C. 28451

DATE RELEASED: 17 JUNE 2025
REVISION DATES:

PROJECT NO.: 342302

SUMMIT COMPANIES
1250 NORTHLAND DR # 200
MENDOTA HEIGHTS, MN 55120
PHONE (651) 251-1880 FAX (651) 251-1879
NORTH CAROLINA ENGINEERING FIRM #P-3173



FIRE SPRINKLER RISER

BUILDING 03

03-FP201