

ADDENDUM NO. 3 (RE-BID)

SECTION 00 91 13

TO: DRAWINGS and SPECIFICATIONS

FOR: ASU Grain Bin

May 15, 2024

This Addendum forms a part of the Contract Documents and modifies or interprets the Project Manual and Drawings, as noted below.

GENERAL:

1. No fire alarm is required on this project.
2. There is no grading plan necessary on such a level lot as this with minimal foot print. Reference the civil survey that shows spot elevations in conjunction with proposed new plans and elevations to determine final grades, which are expected to be very near the existing grade. The bottoms of spread footings shall be located 18" below grade, minimum, as shown.
3. EMT conduit is acceptable in lieu of galvanized rigid except provide galvanized as shown on Unistrut diagram sheet E-1.5 at exterior MDP.
4. MC Cable is acceptable throughout the interior of the building, except at keynotes #4 & #5.
5. The exterior of the existing grain bin remains as-is. It is not expected to be painted.
6. Reference sheets P-1.1 & P-1.2. Contractor take note of where the City has stubbed up sewer roughly where indicated on revised sheet AS-1.1 (note added by Addendum #2). Additionally, water service will tap in 16' alleyway to east of existing grain bins (a water meter is presently visible in this location). Thus, it is expected that sewer and water service essentially flip from what is presently shown on P-1.1 & P-1.2.

SPECIFICATIONS:

1. Section 01 50 00 Temporary Facilities and Controls; Paragraph 2.3, REVISE paragraph in its entirety as follows: "It is the Contractor's option to provide a field office and/or storage facilities on this project for his own use in storing materials and/or holding meetings with subcontractors. Contractor shall assume that the Owner can make available a conference room across the street for scheduled Owner, Architect & Contract meetings."
2. Section 07 54 23 TPO Single Ply Membrane Roofing; paragraph 2.2.C: OMIT subparagraph #1.
3. Section 07 54 23 TPO Single Ply Membrane Roofing; paragraph 2.2.D.1: REVISE as follows: "To be gypsum based. Reference paragraph 2.5.B."
4. Section 09 27 10 Gypsum Board Accessories: ADD section attached.

00 91 13-1

Southern Tenant Farmers Museum Grain Bin Restoration
Tyronza AR

DRAWINGS:

1. ADD note to drawings A-3.1 and M-1.1 as follows: "Contractor has option to substitute the specified 16/16 rectangular supply air duct with spiral."
2. REPLACE sheet A-2.1 in its entirety with revised attached.
3. REPLACE sheet P-1 in its entirety with revised attached.

ATTACHMENTS: Section 09 27 10 Gypsum Board Accessories (3 pages); A-2.1 dated 5/15/24 (1 sheet); AS-1.1 dated 5/15/24 (1 sheet)

END OF ADDENDUM NO. 3 (RE-BID)

SECTION 09 27 10

Gypsum Board Accessories

PART 1 — GENERAL

1.1 Summary

A. Related work specified elsewhere includes:

1. Rough carpentry.
2. Finish carpentry and millwork.
3. Metal support systems.
4. Gypsum board systems.
5. Painting.
6. Wallcovering.

1.2 Submittals

A. Product data: Indicate product description, including compliance with specified requirements and installation requirements. Mark manufacturer's brochures to include only those products proposed for use.

1.3 Quality Assurance

A. Applicable standards; standards of the following, as referenced herein:

- 1) Aluminum Association (AA).
- 2) American Society for Testing and Materials (ASTM).

B. Allowable tolerances in horizontal planes:

- 1) Variation from level: $\pm 1/8$ " in 12'-0".
- 2) Variation in plane of adjacent wallboard panels prior to joint treatment: 1/16".

1.4 Delivery, Storage, and Handling

A. Storage

- 1) Stack accessories off floor on pallets or similar platforms providing continuous support for accessories to prevent sagging. Stack accessories so that long lengths are not over short lengths.
- 2) Do not overload floor systems.

B. Handle materials to prevent damage to surfaces, edges, and ends of sheet metal items. Reject and remove damaged material from site.

PART 2 — PRODUCTS

2.1 Manufacturer

A. Acceptable manufacturer; subject to compliance with specified requirements:

Fry Reglet Corporation
1377 Stonefield Court
Alpharetta, GA 30005
800-237-9773

Fry Reglet Corporation
12342 Hawkins Street
Santa Fe Springs, CA 90670
Fax 800-200-4379

2.2 Materials and Finish

A. Prime paint: Factory spray and bake-on primer to serve as base for field painting.

2.3 Reveals- The following moldings are for use with gypsum wallboard.

A. Reveal picture hanger.

- 1) Acceptable product: Number DRMH.
- 2) Characteristics:
 - a. Description: Hanger shall create reveal which can be used as picture hanger track.
 - b. Material: Extruded aluminum.
 - c. Dimensions: As indicated on drawings.
 - d. Hangers: Provide snap-in hanger clips in quantity listed on drawings.

PART3— EXECUTION

3.1 Installation

A. Install gypsum wallboard accessories in accord with manufacturer's product data and as follows:

- 1) Corner trim: Install at designated corners.
- 2) Metal trim shapes: Install at exposed edge of wallboard at door and window openings, at intersections with other materials and at intersection of walls with ceilings.
- 3) Install corner beads and metal trim shapes to framing system with mechanical anchors spaced at 16" o.c. for horizontal applications.

B. Joint treatment: Finish joints and attachment flanges as specified in Gypsum Board Systems section.

C. Dust surfaces and leave ready for decoration. Joint and fastener treatment shall be indistinguishable in finished work.

09 27 10-2

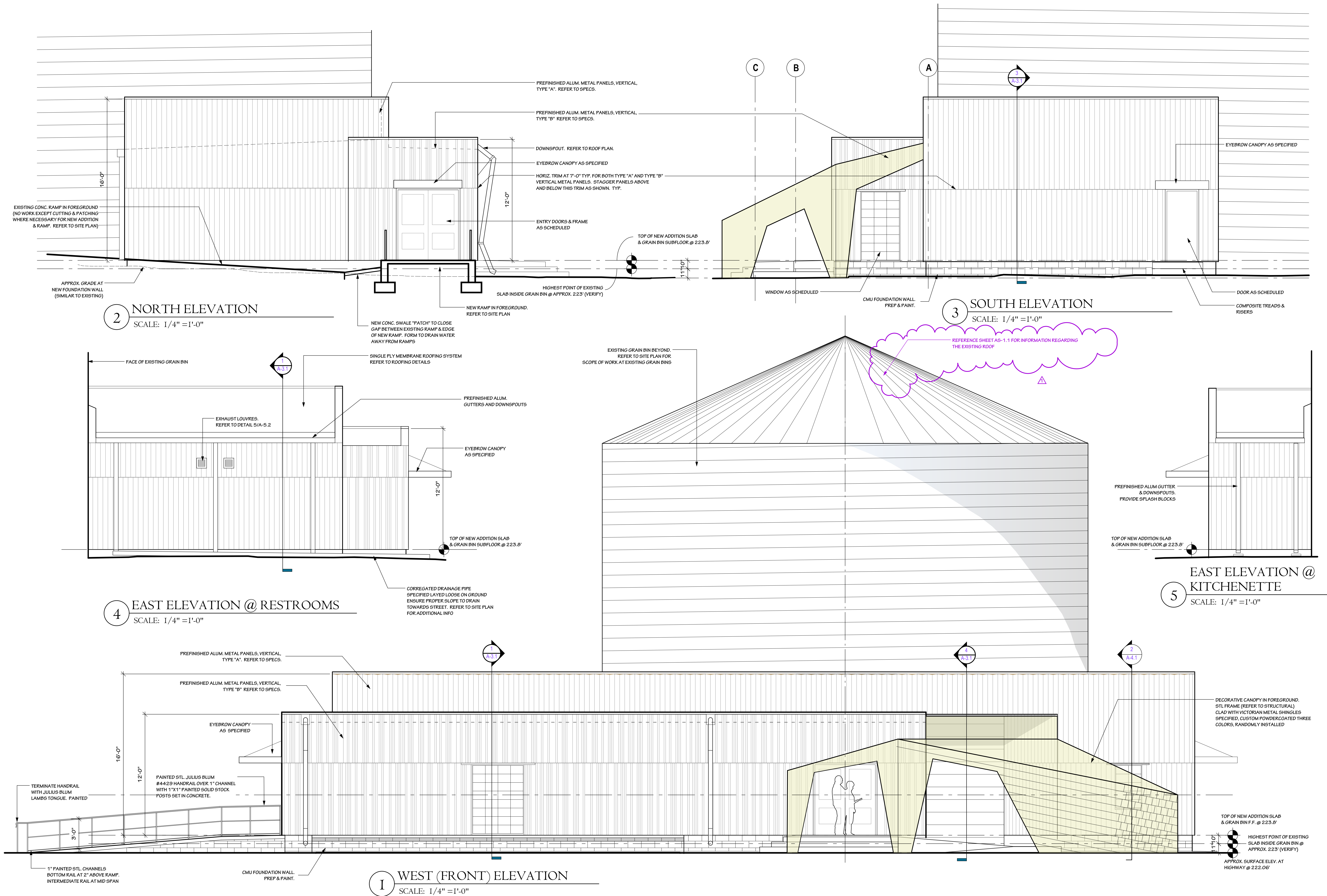
Southern Tenant Farmers Museum Grain Bin Restoration
Tyronza, Arkansas

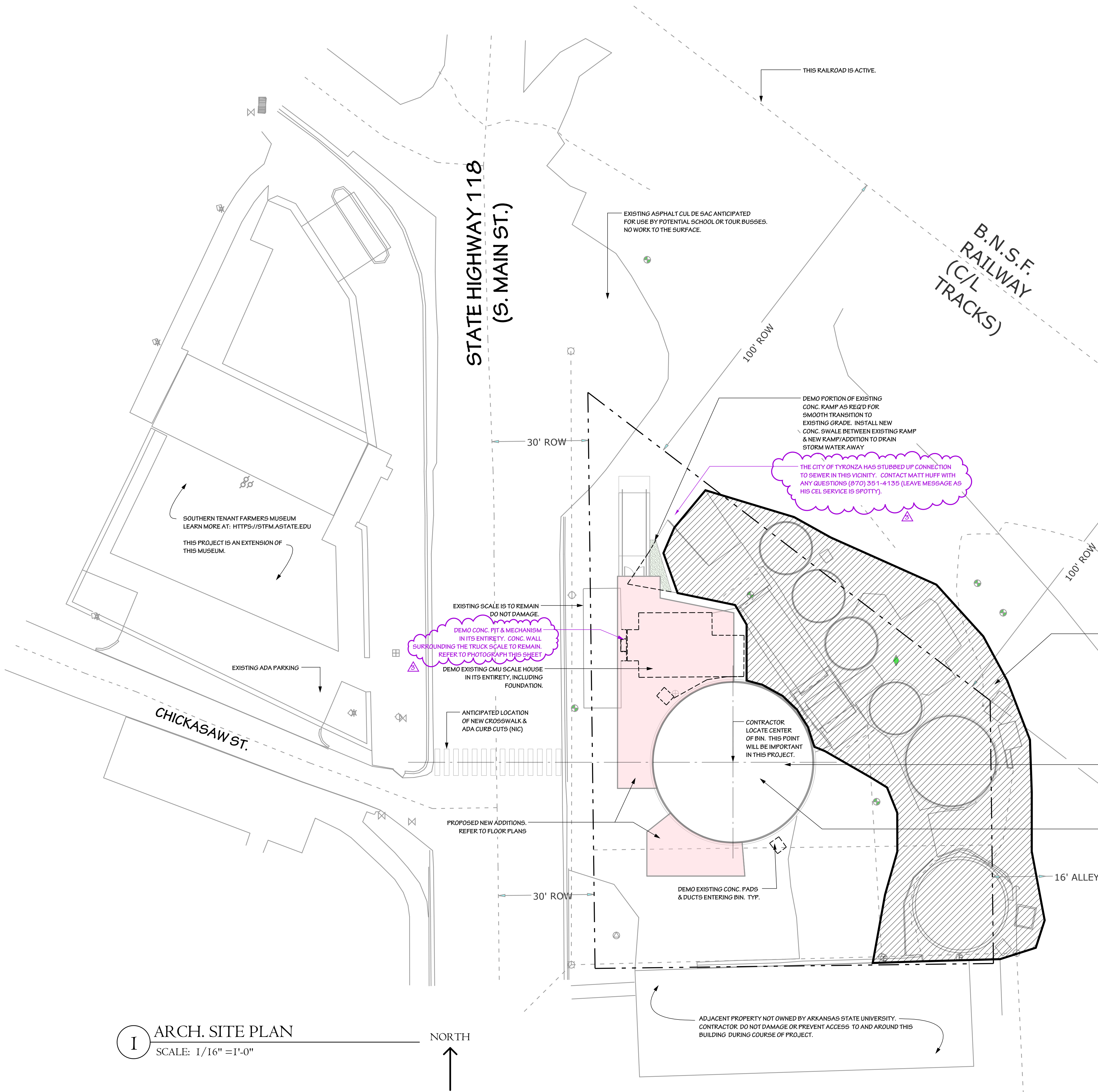
3.2 Protection

- A. Protect accessories from damage until date of Substantial Completion. Replace accessories which become damaged.
- B. Store picture hanger inserts in safe location and/or turn over to owner immediately upon receiving.

09 27 10-3

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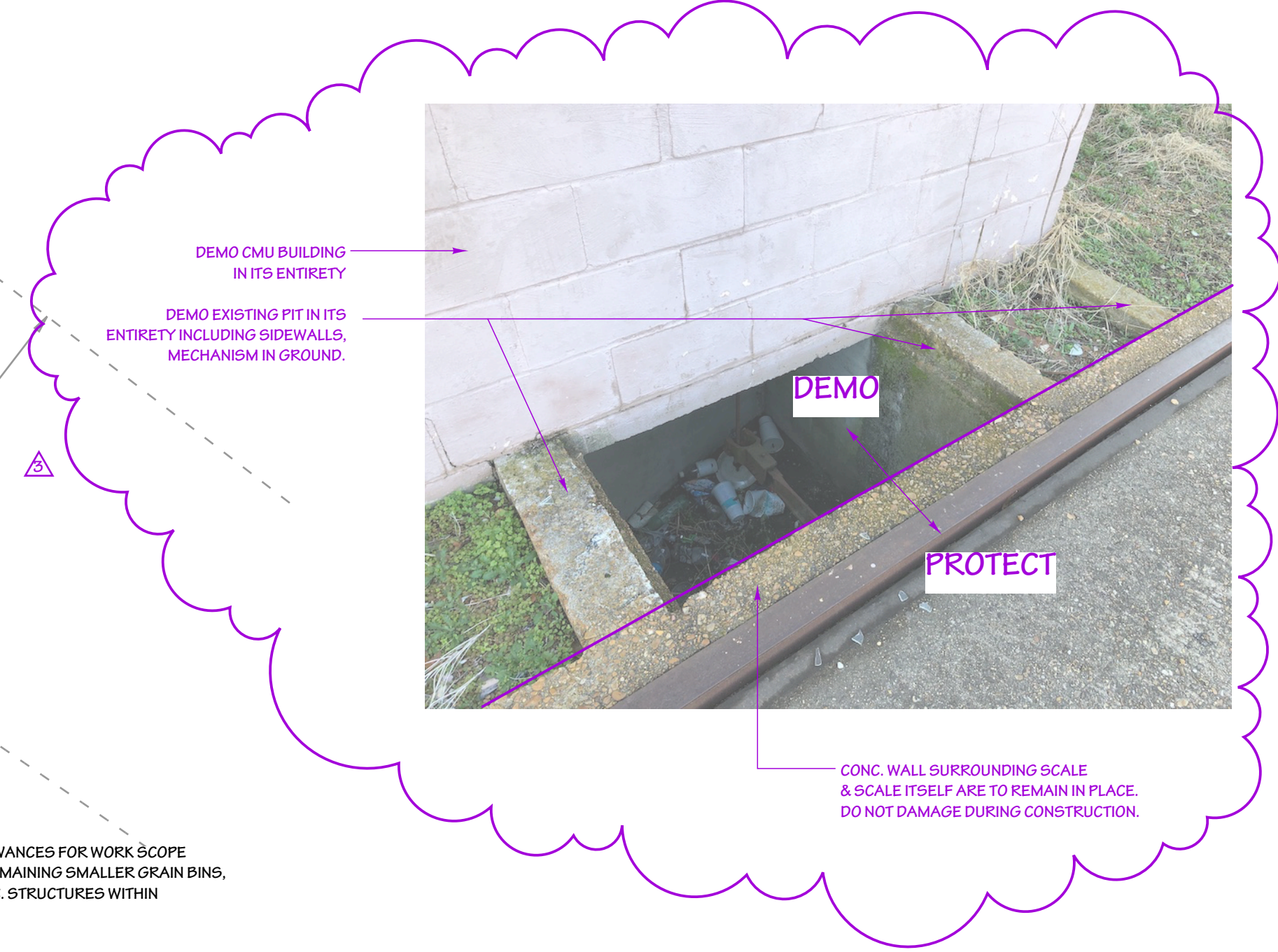
1 ARCH. SITE PLAN
SCALE: 1/16" = 1'-0"
NORTH

GENERAL NOTES

1. THIS PROJECT IS FUNDED BY A GRANT RECEIVED FROM THE ARKANSAS NATURAL & CULTURAL RESOURCES COUNCIL. IT INVOLVES THE ADAPTIVE RE-USE OF AN ABANDONED SET OF GRAIN BINS AND OTHER STRUCTURES INTO A NEW FACILITY SUPPLEMENTING THE EDUCATIONAL OPPORTUNITIES OF THE SOUTHERN TENANT FARMERS MUSEUM, ONE OF SEVERAL ARKANSAS HERITAGE SITES RUN BY ARKANSAS STATE UNIVERSITY. THE PURPOSE OF THE PROJECT IS TO ALLOW THE MUSEUM TO EXPLAIN TO VISITORS, INCLUDING SCHOOL-AGED CHILDREN, HOW THE GRAIN BIN WORKED AS A PART OF AGRICULTURE IN THE NORTHEAST ARKANSAS ECONOMY. AS SUCH, IT WILL BE A HIGH PRIORITY FOR THE PROJECT TO MAKE THE BUILDINGS, RAMP AND IMMEDIATE SURROUNDINGS SAFE FOR CHILDREN AND THE PUBLIC. IT IS ALSO ANTICIPATED THAT THE NEW FACILITY CAN HAVE THE DUAL PURPOSE OF SERVING AS A VENUE FOR PUBLIC AND PRIVATE EVENTS SUCH AS WEDDINGS, CLASS REUNIONS & OTHER GATHERINGS.
2. IN GENERAL, EXISTING BUILDINGS AND SITE FEATURES ARE TO REMAIN AS THERE IS A STRONG PREFERENCE TO KEEP THE EXISTING FEATURES AND PLACE AS "INTACT" AS POSSIBLE, AS THE DAY IT WAS ABANDONED. THUS, TAKE PRECAUTIONS TO PRESERVE AND PROTECT EXISTING FEATURES FROM DAMAGE. OBVIOUSLY, SOME INTERVENTION WILL BE NECESSARY IN ORDER TO MAKE THE SITE SAFE, SUCH AS NEW GUARDRAILS, REMOVAL OF LADDERS, ETC... REFER TO ALLOWANCES.

3. NOT USED

4. CONTRACTOR MAY CONTACT THE ARCHITECT FOR A LINK GIVING ACCESS TO SITE PHOTOGRAPHS INCLUDING DRONE IMAGES. CONTACT AARON RUBY AT 501-951-3316 OR EMAIL AARON@REVIVALARCH.COM.



EXISTING LARGE BIN TO BE REHABILITATED FOR NEW, OCCUPIED SPACE. CONTRACTOR IS TO THOROUGHLY CLEAN AND SANITIZE THE EXISTING INTERIOR, WHICH IS PRESENTLY FULL OF BIRD & RODENT DROPPINGS, INCLUDING WALLS, CEILING, SLAB AND CONCRETE TRENCHES. THIS WORK SHALL BE INCLUDED IN THE BASE BID.

THE CUTTING OF NEW OPENINGS INTO THE GRAIN BIN, AS WELL AS SHORING OR OTHER PERMANENT STABILIZATION OF THE EXISTING GRAIN BIN AS A CONSEQUENCE OF NEW OPENINGS INVOLVES, BY DEFAULT, MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES ABOUT WHICH THE ARCHITECT HAS NO CONTROL, OVER, CHARGE OF, OR RESPONSIBILITY. THUS, THE GENERAL CONTRACTOR BIDDING THIS PROJECT WILL BE EXPECTED TO ENGAGE, HIRE AND CONSULT WITH AN EXPERIENCED & CAPABLE GRAIN BIN COMPANY OR INDIVIDUAL THAT CAN PROVIDE, AT A MINIMUM AND NOT NECESSARILY LIMITED TO, THE FOLLOWING ANTICIPATED SCOPE OF WORK:

- A. STRUCTURAL INVESTIGATION, MATERIALS TESTING AND ANALYSIS OF THE EXISTING LARGE GRAIN BIN, INCLUDING, AT A MINIMUM:
 1. TEMPORARY REMOVAL AND REPLACEMENT OF EXISTING ROOF SECTIONS TO PERMIT INSPECTION OF ROOF PANELS & FASTENERS. OBTAIN AVERAGE THICKNESS & CONDITION OF ROOF PANELS, SIZE AND CONDITION OF FASTENERS.
 2. INSPECTION OF THE SIDEWALL OF THE EXISTING LARGE BIN INCLUDING OBTAINING THICKNESS OF WALL PANELS IN SIX (6) DIFFERENT LOCATIONS FROM THE SLAB TO THE EAVE. INSPECTION OF THE WELDED SEAMS BY A CERTIFIED WELDING INSPECTOR.
 3. OBTAIN CORE SAMPLE FROM THE EXISTING CONCRETE SLAB TO DETERMINE THICKNESS AND PRESENCE OF ANY REINFORCEMENT, IF ANY.
 4. SUBMIT RESULTS TO THE ARCHITECT ALONG WITH THE GRAIN BIN COMPANY'S STRUCTURAL ANALYSIS AND OPINION OF FINDINGS RELATIVE TO THE LARGE GRAIN BIN'S ABILITY TO WITHSTAND WIND & SNOW LOADS.
- B. DESIGN & CONSULTATION ON THE CUTTING OF NEW LARGE OPENINGS INTO THE SIDEWALL OF THE GRAIN BIN, AS IS NECESSARY TO ACCOMMODATE THE NEW DOORWAYS SHOWN. ASSUME SOME NEW STEEL STRUCTURE WILL BE NECESSARY TO ALLOW FOR THESE OPENINGS W/O COMPROMISE TO THE SHELL OF THE GRAIN BIN.
- C. CUTTING/DRILLING OF MINOR HOLES INTO THE GRAIN BIN, AS MAY BE REQUIRED BY MEP TRADES.
- D. CLOSING/PATCHING OF ANY UNDESIRABLE VENTS/HOLES/HATCHES THAT MIGHT ALLOW THE INTRUSION OF INSECTS, BIRDS OR RODENTS IN PARTICULAR ALONG THE ROOF AND WALL INTERSECTION.
- E. POSSIBLE TOTAL ROOF REPLACEMENT

THE GENERAL CONTRACTOR SHALL COORDINATE SAFE ACCESS TO ALLOW FOR THIS WORK TO TAKE PLACE. ALL OF THE WORK LISTED ABOVE SHALL BE ASSUMED TO BE COVERED IN SECTION 01 21 00 ALLOWANCES, PARAGRAPH 3.1.A. THUS, THE GENERAL CONTRACTOR IS NOT EXPECTED TO INCLUDE IN HIS BID THIS SCOPE OF WORK.

CONTRACTOR SHALL ASSUME THAT THE STRUCTURAL TESTING AND ANALYSIS WILL REVEAL THAT THE EXISTING GRAIN BIN IS CAPABLE OF WITHSTANDING REASONABLE WIND & SNOW LOADS, AND THAT NO MAJOR STRUCTURAL STABILIZATION WILL BE NECESSARY AS A RESULT OF FINDINGS OF TESTING AND ANALYSIS. IT IS NOT EXPECTED THAT THE CONTRACTOR INCLUDE IN HIS BID ANY SIGNIFICANT SCOPE WITH REGARDS TO THE EXISTING GRAIN BIN STRUCTURE, SUCH AS TOTAL ROOF REPLACEMENT OR MAJOR SHORING OR REPLACEMENT OF MAJOR STRUCTURAL FEATURES OF THE GRAIN BIN.