



TurnKey Recovery™
Managed Direct Repair Program

INVITATION FOR BID (IFB)

<u>IFB Number</u>	<u>Scope Description</u>	<u>Closing Date</u>	<u>Closing Time</u>
PR185762-028072-12201	Hangar Repairs (ID 072)	03/10/2023	4:30 PM CST

Insured Property Owner: City of Eagle Lake

Property Location Name: Eagle Lake Airport

Address Line 1: 210-212 E Airline

Address Line 2: -

City: Eagle Lake

State: TX

Zip Code: 77434

DESCRIPTION: Furnish all required labor, materials, and equipment necessary to provide Scope-of-Work at the above-described location. Work is being authorized under the elected TMLIRP TurnKey RecoverySM Program administered by Synergy NDS, Inc. (SynergyNDS) on behalf of the Insured Property Owner, a Member of the Texas Municipal League Intergovernmental Risk Pool (TMLIRP).

SUBMITTAL INSTRUCTIONS: In support of Procurement Guidelines, the IFB Packet includes specifications and terms & conditions associated with the above referenced project information.

- Bids shall be received no later than the Closing Date & Time indicated above. Bids received after above deadline or that are not submitted in accordance to Submittal Instructions may be rejected without further explanation or contractor notification.
- Bid shall be completed and submitted via DocuSign by filling out the **Contractor Submittal Form** (see Page 5 of this IFB Packet). Contractor may attach additional supporting documents that may or may not be used in the overall scoring of the IFB Contractor Submittal. Attachments do not change &/or modify the IFB, Scope-of-Work and the Turnkey RecoverySM General Contractor Expectations Document.
- Contractor IFB Form Submittal MUST INCLUDE all applicable Sales Tax or any other Local, State &/or Federally mandated fee(s) within the aggregated Lump Sum Proposal. Do not breakout separately.
- Contractor is responsible to validate all Quantities and Units of Measurements specific to the following scope items &/or products. The information and descriptions provided in the IFB are intended for general guidance purposes only. Contractor may not change or alter any material &/or specifications identified in the IFB for submission purposes without prior written/email notification to: bids@synergynds.com.
- Contractor has the sole responsibility to ensure that all services and material for BID Submittal (whether stated correctly in the IFB or not) satisfactorily meet all required Codes & Standards, OSHA Guidelines and The Americans with Disabilities Act (ADA).
- Contractor should also consider the approach (if necessary) in which to stock/store material at the jobsite in a safe and secure manner. SynergyNDS will not be responsible for lost or stolen material, supplies or equipment stocked at the jobsite.
- Bid award will be made based on best overall LUMP SUM project value as determined by SynergyNDS in accordance to market valuation, project demands, critical path scheduling – as well as overall Insured Member's WorkForce Participation Goals. Contributing factors, in addition to price, may be

considered as necessary to help determine bid award based on any additional criteria set forth by the specific TMLIRP Insured Member.

8. SynergyNDS reserves the right to modify the IFB Specifications and Terms & Conditions at any time during the bid solicitation process. Timely notice to all bidders will be given via an electronically distributed Addendum.
9. All registered HUB & HUB Zone Contractors, as well as DBEs are encouraged to participate. Additional Contractor Financial Assistance is available to help support daily HUB/DBE Contractor's operations under the terms and condition of a successful contract award.
10. SynergyNDS is an equal opportunity employer and administers all Contracts & Contractor Agreements in accordance to the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a).
11. Contractor is strongly encouraged to schedule a Site Visit of the property as necessary to support the IFB Submittal. All scheduled site visits can be requested at bids@synergynds.com.
12. When a mandatory Pre-BID Meeting is identified and scheduled in a specific IFB, Contractor Attendance is a requirement as part of the Solicitation. Contractors who fail to attend the Pre-BID Meeting will not be eligible to participate in the IFB and subsequent submittal process.
13. Contractor can submit all questions &/or concerns specific to the IFB by email to: bids@synergynds.com.

SCOPE-OF-WORK SUMMARY

Refer to **EXHIBIT A** for scope-of-work description.

Yes | No

- | | | | |
|-------------------------------------|--|-------------------------------------|---|
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | This IFB is part of a publicly advertised solicitation |
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | This IFB is part of a potential Federally Funded Project. |
| <input checked="" type="checkbox"/> | | <input type="checkbox"/> | This IFB is being distributed externally |
| <input checked="" type="checkbox"/> | | <input type="checkbox"/> | This IFB requires a Contractor Payment or Performance Bond. |
| <input checked="" type="checkbox"/> | | <input type="checkbox"/> | This IFB requires a Pre-BID Meeting |
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | This IFB supports workforce participation goals. |

**** THE REMAINING PART OF THIS PAGE IS INTENTIONALLY LEFT BLANK ****



IFB EXHIBIT A Scope-of-Work

<u>IFB Number</u>	<u>Scope Description</u>	<u>Closing Date</u>	<u>Closing Time</u>
PR185762-028072-12201	Hangar Repairs (ID 072)	03/10/2023	4:30 PM CST

Insured Property Owner: City of Eagle Lake

Property Location Name: Eagle Lake Airport

Address Line 1: 210-212 E Airline

Address Line 2: -

City: Eagle Lake

State: TX

Zip Code: 77434

GENERAL SCOPE DESCRIPTION

Hangar repairs

GENERAL SCOPE-OF-WORK DISCUSSION

Bldg 210 - Hangars A, B and C:

Replace door frames, door headers and header braces.

Replace the door frame to the building column brackets.

Bldg 212 - Hangar A:

Replace door frames.

Repair door header and header braces if salvageable.

Replace the door frame to the building column brackets.

**Information should match scope-of-work description as described in SimpliCitySM.*

ADDITIONAL NOTES &/OR REQUIREMENTS

The award for this project will be to one contractor for the total Eagle Lake Hangar repair projects to include Buildings 210, 212, 216 and 218. The TOTAL, lowest qualified bid will be used to award the project for all of the work outlined in both IFB requests. Contact Ryan Knight (321-704-5673) from SynergyNDS for questions or details regarding this IFB combined award.

A payment and performance bond is required for this project

DRAWING & SPECIFICATION DESCRIPTION

Engineering assessment report and hangar repair drawings

Document #1 Eagle Lake Hangar Repair Drawings Raley

Document #2 NA

ADDITIONAL CONTRACTOR EXPECTATIONS

A payment and performance bond is required for this project

**Contractor should understand overall expectations as further detailed in the attached TurnKey RecoverySM Contractor Expectation Document in support of accounting for a responsible IFB Submittal.*

GENERAL WORKDAY &/OR JOBSITE CONSIDERATIONS

Ensure the job site is cleaned daily to prevent foreign objects from entering the runway(s). Ensure the job sites are clean to prevent worker, airport employee and general public from any hazard exposures.

- **Occupant Workday:** Standard (M-F/8-5pm) Wknd/After Hours Other _____
- **Building/Site Occupancy:** Occupied Vacant Partial
- **Site Access:** Open Restricted (Gated/Security)
- **Parking/Laydown Area:** Open/Available Restricted Limited
- **Restroom Facilities:** Fixed/Indoor Portalets Not Available
- **Waste/Debris Containers:** Provided/Onsite Include in BID

Email all IFB Questions to Bids@synergynds.com



TurnKey Recovery™
Managed Direct Repair Program

IFB – CONTRACTOR SUBMITTAL FORM

<u>IFB Number</u>	<u>Scope Description</u>	<u>Closing Date</u>	<u>Closing Time</u>
PR185762-028072-12201	Hangar Repairs (ID 072)	03/10/2023	4:30 PM CST

Company Name: _____

Address Line 1: _____

Address Line 2: _____

City: _____

State: _____

Zip Code: _____

Contractor Certification: DBE WBE/WOSB HUB SDVOSB/VOSB

CONTRACTOR LUMP SUM PROPOSAL:

IFB TITLE	PROPOSAL:
	\$

CONTRACTOR NOTES:

MATERIAL DEPOSIT: Required Requested

\$

I understand that all applicable Sales Tax or any other Local, State &/or Federally mandated fee(s) are to be included within the aggregated Lump Sum Proposal. Do not breakout separately. Contractor may attach additional supporting documents that may or may not be used in the overall scoring of the IFB Contractor Submittal. Attachments do not change &/or modify any of the Terms & Conditions as outlined in the IFB, Scope-of-Work (Exhibit A) and the Turnkey RecoverySM Contractor Expectations.

I, having the legal authorization to represent the "Company" (the undersigned) have read and understood the IFB, its Scope-of-Work and the Turnkey RecoverySM Contractor Expectations in accordance with the Terms & Conditions:

Company Contact Name (Please Print)

Company Title (Please Print)

Signature

Date



TURNKEY RECOVERYSM PROGRAM Overview & General Contractor Expectations

PROGRAM OVERVIEW

SynergyNDS and Texas Municipal League Intergovernmental Risk Pool (TMLIRP) have partnered in support of the critical needs of TMLIRP's 2,400+ Public Entities since 2017, representing over \$41 Billion of covered assets. SynergyNDS has the proven capacity and resources necessary to assist TMLIRP Members with disaster planning, preparation, response & recovery.

TMLIRP Turnkey RecoverySM (Turnkey RecoverySM) is exclusive to Members who schedule their fixed real property with TMLIRP and the coverages offered under their Property Policy. Administered by SynergyNDS, Turnkey RecoverySM supports individual Member's response & recovery directives using a more transparent approach to Project Management throughout the lifecycle of the restoration/repair project. More importantly, Turnkey RecoverySM supports contractors by reducing the "red-tape" and exposure often associated with public entity projects by streamlining the contracting and payment process. All approved Work Authorizations or IFB Contracts with eligible upfront material deposits and progress payments are paid direct by SynergyNDS to applicable contractors within defined terms/conditions. Contractors within Turnkey RecoverySM can be those identified by the Member's own procurement process, as well as those participating in the qualified Managed Vendor Program (MVPSM).

GENERAL CONTRACTOR EXPECTATIONS

Information contained throughout this document supports Turnkey RecoverySM expectations/requirements for a specified Work Authorization, or as necessary for subcontractor to provide a responsible IFB Response submittal. Where any conflicts arise from language outlined in this document in support of a specific Work Authorization or IFB Contract Award (which is inclusive of and incorporated into the Contractor's IFB Response submittal), the General Services Agreement between Contractor and SynergyNDS, or the IFB Contract Award becomes the guiding and controlling form.

1. Contractor shall be responsible for field verification of all conditions, dimensions & quantities associated with work prior to Work Authorization or Contractor IFB Response Submittal. Any Exhibits, Plans, Drawings &/or Other Supporting Documents that may be provided by SynergyNDS to Contractor are for general reference purposes only.
2. Contractor is responsible for identifying and satisfactorily addressing all applicable regulatory requirements, including but not limited to Codes & Standards, HUD/DBE Participation Goals & Guidelines and ADA/FHA Specifications.
3. Contractor shall indicate in writing and submit to SynergyNDS via email distribution to projects@synergynds.com any request or need for additional 3rd Party Assignment as necessary to further identify required codes & standards, scope specifications or public health safety concerns outside of Contractor's professional competence &/or licenses.

4. Contractor is to obtain their own permits and schedule all applicable inspections. Permits can be obtained by contacting the Building Department or other administering entity. Permit Fees are reimbursable directly from SynergyNDS (in addition to contractor's Lump Sum Proposal) if incurred and submitted with proper documentation.
5. Contractor shall prohibit discrimination against staff &/or available workforce based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that Contractor and its subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability.
6. Contractor is required to be familiar with and follow all OSHA and State of Texas safety requirements, including OSHA form 300 Logs reporting requirements, if applicable.
7. Contractor shall independently implement a site-specific health and safety plan for each project to include hazard communication and related OSHA requirements to protect workers, building occupants, and the public who has access to the work area.
8. Prior to beginning work each day, Contractor is to independently hold jobsite safety meetings that review the work to be performed, the hazards involved with the work, and the acceptable methods for reducing and eliminating such hazards. Contractor shall maintain appropriate meeting records, including a Job Safety Analysis (JSA), or similar, that includes information from the daily jobsite safety meeting, including an attendee list, which shall be maintained by Contractor and available for SynergyNDS review at all times. Contractor shall be solely liable for any and all unsafe acts and/or safety violations associated with their employees.
9. Contractor shall require all employees to be familiar with job-specific hazard mitigation when performing the work, including but not limited to: slip, trip & fall protection, eye and ear protection, hand and foot protection, head protection, fire protection & prevention, confined space protection, employee thermal stress protection, etc.
10. Contractor is responsible for supplying and educating all on-site employees in the proper use of Personal Protective Equipment (PPE), including but not limited to: hard hat(s), safety glasses, face shields, ear plugs, gloves, boots, fall protection (where required), breathing protection (where required), tie off ropes/apparatuses/points (where required), fire extinguishers, first aid kits, etc.
11. Contractor is required to have the appropriate Material Safety Data Sheets (MSDS), and be able to provide to the Industrial Hygienist of record (for the project) for any products used during the performance of their work for which an MSDS is required, including, but not limited to, glues, cleaners, paints, solvents, anti-microbial products, sanitizing agents, etc. The Industrial Hygienist of record retains the right to restrict the use of any of the products selected for use on the project.
12. Contractor shall be responsible under terms of the Agreement for supplying all necessary labor, equipment, tools, materials and travel expense to complete the scope of work unless directed otherwise in the Work Authorization or IFB Contract Award. This includes, but is not limited to: Rental Equipment, Dumpsters, Storage Containers, Jobsite Trailer, General Conditions, Associated

Expenses, Travel Cost and Overhead & Profit which are to be included in the Work Authorization and/or IFB Contract Award.

13. Contractor shall protect all property from damage during the performance of work. This includes, but is not necessarily limited to: wall finishes, floor finishes, windows, electrical systems, mechanical systems, communication systems, life safety systems, security systems, HVAC control systems, plumbing systems, lighting systems, structurally related components, exterior elements, vegetation, property-of-others, etc.
14. Contractor shall be responsible for repair, replacement &/or cleaning of property damaged by employees, as well as any debris, coatings, coverings, overspray, or caulking residue located on any 3rd party property due to actions of Contractor employees. If affected property cannot be successfully cleaned &/or restored to pre-existing condition, SynergyNDS will seek reimbursement from Contractor &/or deduct the appropriate replacement cost from outstanding Invoice Payment (Contract Value).
15. Contractor shall be responsible for securing work area(s) from access by non-authorized building occupants, including all persons not directly part of the restoration, repair and/or rebuild efforts. This includes securing work area(s) as identified in the Work Authorization, IFB Scope-of-Work &/or under Contractor's control.
16. If the Contractor determines that deviations or modifications (change order or supplemental costs) from the initial Work Authorization or IFB Contract Award are required, Contractor shall submit a written request to SynergyNDS for review and approval prior to start of any additional work not otherwise included in initial Work Authorization or IFB Contract Award. The written request will contain, at a minimum:
 - a. Reason for deviation or modification
 - b. Description of deviation or modification
 - c. Project cost addition or subtraction for deviation or modification
 - d. Estimated time required for deviation or modification.
17. Contractor is NOT responsible for any conditions or activities implemented prior to their performance of work and/or arrival to the job site. During the performance of Contractor's work, if pre-existing damage to the building, structure, system failures or other anomalies is found, Contractor has the responsibility to identify, document and report these deficiencies immediately to SynergyNDS by email notification to projects@synergynds.com. Verbal notification &/or discussion with the onsite Project Manager is encouraged, but not required. Written documentation approved by SynergyNDS must be provided to ensure that pre-existing damages are not the responsibility of the Contractor and to maintain transparency with work performance.
18. Contractor represents that it has adequate and sufficient equipment in good working order and fully trained, licensed personnel capable of safely and efficiently operating such equipment and performing and/or providing (a) restoration &/or repair services work, including, but not limited to labor, supervision, tools, equipment, vehicles, transportation and machinery specific to Work Authorization/IFB Invitation and/or (b) materials, goods, supplies, or other products.
19. Contractor services and scope-of-work will be performed and provided in a good and workmanlike manner with strict adherence to general industry customs and specifications,

completed in a safe manner, and in accordance with all legally required and/or accepted codes and standards. The Services will follow customs and practices of workmanship within Contractor's trade, profession, craft or line of work.

20. Contractor is responsible for submitting all applicable project/contracting documents and progress updates in support of scope-of-work and invoicing to include, but not necessarily limited to any: Architectural Drawings, Work Scope Breakout & Description, Engineering or 3rd Party Reports, Certificates of Insurance, Change Order Requests, Warranty Info/Certificates or any written documentation with SynergyNDS that would otherwise change &/or modify the Work Authorization or IFB Contract.
21. Contractor agrees to provide a workmanship warranty, with a 12-month period of correction from the date that work performed by the Contractor is completed. Contractor will be responsible for remedying any patent or latent defects related to their work performance in accordance with the rules prescribed under Texas Construction Law. For patent defects, SynergyNDS will notify Contractor verbally, or in writing, and Contractor will make a best effort to remedy to the satisfaction of SynergyNDS within 1-5 business days. For latent defects, SynergyNDS will notify Contractor in writing and allow Contractor up to 10 business days to review the defect. SynergyNDS and Contractor will then develop a remediation plan to resolve the latent defect to the satisfaction of SynergyNDS.

PAYMENT: Project is managed by SynergyNDS under the TMLIRP Turnkey RecoverySM Program. Payments will be made by SynergyNDS directly to the Contractor in accordance with terms & conditions described in the Work Authorization or IFB Contract Award. Qualified contractors may be eligible for an upfront material deposit or progress payments as determined prior to work performance. **Contractor must be registered in the MVP (Managed Vendor Program) whereby required contractor documents must be uploaded to the database. There is annual \$49.95 processing and maintenance fee as part of the initial contractor vetting and background check.**

PAYMENT TERMS: Payments will be made after inspection and approval of work by SynergyNDS, TMLIRP Member Building Official &/or TMLIRP Desk Adjuster. Accurate invoices and required project documentation must be submitted to SynergyNDS for project review and/or audit prior to payment. Contractor will provide all applicable product warranty documentation or certification prior to release of final payment. *Material Deposits &/or Advanced Payments require Contractor to complete online registration in the Managed Vendor Program (MVP).

INSURANCE & LICENSING SUMMARY: Before starting work, the Contractor will provide SynergyNDS at minimum, proof of Worker's Compensation and General Liability Insurance. The Contractor must be licensed to do business in the State of Texas, as well as hold whatever specific trade licenses to perform and/or oversee such work in the State of Texas. In some cases, Professional Liability insurance will also be required. SynergyNDS must be named as an additional insured on all liability insurance certificates. Contractor will need to go to www.synergynds.com/MVP and complete the initial registration for the Managed Vendor Program (MVP).

The certificate holder(s) must be noted as:

Synergy NDS, Inc.
1400 Sarno Rd, Melbourne, FL 32935

INSURANCE & LICENSING REQUIREMENTS: Contractor will be required to upload in the MVP Contractor Profile the following information (when applicable) prior to contract award and eligible material deposits.

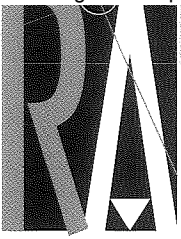
- a) Workers Compensation Insurance Certificate for all employees engaged in work at the site, in accordance with State or Territorial Worker's Compensation Laws.
- b) General Liability Insurance Certificate with bodily injury and property damage limits at a combined single limit of at least \$500,000 in order to protect the contractor and SynergyNDS against claims for injury or death of one or more persons.
- c) Automobile Liability Certificate on owned and non-owned motor vehicles used on the site(s), or in connection with the sites, for a combined single limit for bodily injury and property damages of not less than \$500,000.00 per occurrence.
- d) Professional Liability Certificate with \$1,000,000 per occurrence (if applicable).

Contractor will not allow any required insurance coverage to lapse, and will provide SynergyNDS with updated Certificates of Insurance, as necessary. All policies must provide at least thirty (30) days' notice of cancellation will be given to SynergyNDS. All Contractor employees &/or subcontractors are bound by the Insurance Requirement. **Contractor is the sole responsible party for all its Employee &/or Subcontractor infractions, accidents, damages, and all general and professional liability concerns that occur, whether directly or indirectly, as related to Work performed by Contractor or subcontractors under the control of Contractor.**

CONTRACT IMPLEMENTATION: Work Authorization or IFB Contract Award will be initiated upon review and comparative analysis of all bids &/or proposals received by SynergyNDS, and in some cases the TMLIRP Member, in accordance with a defined Procurement Process. Notification of Intent-to-Contract with Contractor will be engaged upon written notification by SynergyNDS and contractor signed/returned General Services Agreement Form. Contract-in-Full will be awarded upon receipt by SynergyNDS of all required contracting documentation, including but not limited to:

- a) Performance Bond &/or Payment Bond (when required)
- b) Certificate of General Liability Insurance
- c) Certificate of Auto Insurance
- d) Certificate of Worker's Compensation or Letter of Exemption
- e) Contractor's W-9
- f) State License Documentation

Further description of insurance requirements is listed in the General Services Agreement. No material deposits &/or payments will be made to Contractor until all required documentation has been received.



RALEY AND
ASSOCIATES, INC.

February 13, 2023

Mr. Ryan Knight
Director of Field Services
Synergy NDS
1400 Sarno Rd.
Melbourne, FL 32935

Re: City Owned Hangars
Wind Damage
210 - 212 and 216 - 218 E. Airline Ave.
Eagle Lake, TX

Dear Mr. Knight,

Per your request, this office made a site visit and observation on Thursday, February 3, 2023. For the record, those present during our observation were Mr. Victor Shimek, Public Works Director and Jeff Raley, P.E. The purpose of our visit was to observe the damaged hangars and determine the extent of the structural damage to the hangars and present a repair plan.

We were provided a Trackdown Damage Assessment for both buildings and several photographs of the damage. The two buildings are oriented in a southwest to northeast alignment (see Google Earth picture). Each building contains six hangars and six accordion style doors. For this report, we will refer to the doors as being on the north sides and south sides. The doors are labeled A, B, C from west to east. The 210 and 216 addresses are the north sides of the buildings. The 212 and 218 addresses are the south sides of the buildings. We contacted the building manufacturer (Guthrie Buildings, Inc.), but they were not able to find a copy of their original design plans. The city, however, was able to locate a reduced plan (11"x17") that appears to be the correct plans for the size buildings we observed. The different structural members we were able to measure matched the members on the plans. Therefore, we will use the provided plans to indicate areas needing repairs.

Discussion of our Findings:

Building 210:

Doors A, B, and C all blew inward during the storm. We were only able to access the B hangar because doors A and C could not be opened at this time. We were able to use a ladder and view the damage in both A and C from inside hangar B. The main frames of the building that we could access appeared to be structurally intact. It also appeared that the main frame columns we could see in bays A and C were also undamaged. The door frames, door headers and header braces were all damaged. The connections at the B door frames to the main frame columns were also damaged. Due to the visible deformation of the A and C door headers it is most likely the door frame connection to the main frame corner columns will exhibit similar deformation as the B header connections.

Professional Engineers Licensed in:

Alabama, Arizona, Arkansas, Colorado, Connecticut, District of Columbia, Florida, Georgia, Idaho, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nevada, New Mexico, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, Wisconsin

Building 212:

Door A blew outward. The door frames appeared to have been damaged. The header appears to be “bowed” slightly outward. Doors B and C appear to be undamaged at this time.

Building 216:

Doors A, B, and C also blew inward during the storm. We were only able to access the B hangar because doors A and C could not be opened at this time. We were able to use a ladder and view the damage in both A and C from inside hangar B. Hangar C door framing received the most damage. The main frames of the building that we could access appeared to be structurally intact. It also appeared that the main frame columns we could see in bays A and C were also undamaged. The door frames, door headers and header braces were all damaged. The header bracing in A and B were larger angles than in 210. The braces were stiff enough to deform several roof purlins when the door headers rotated inward. We did not access the roof due to rainy conditions, but several roof panels were also deformed. The connections at the B door frames to the main frame columns were also damaged. Due to the visible deformation of the A and C door headers it is most likely the door frame connection to the main frame corner columns will exhibit similar deformation as the B header connections.

Building 218:

Door A also blew outward. The door frames appeared to have been undamaged. The west brace at the corner column appears to be out of alignment. The header needs to be checked for any “bowing”. We could not discern any damage to the header at this time. The door track attached to the header appears to be deformed and will not allow the door to shut properly. The door frame itself measured plumb at each place we could measure it. Doors B and C did not show any signs of damage at this time.

We have documented the above damage with the attached photographs. The attached photographs represent the typical damage we observed. We have numerous more photographs and can provide them in an electronic format.

Recommendations:

Buildings 210 and 216, hangars A, B, and C will need to have their door frames, door headers and header braces replaced. Also, the door frame to the building column brackets will need replacing. Building 216 has several damaged roof purlins that will need replacing as well.

Building 212 only the A hangar door frame needs replacing. The door frame to column brackets will need replacing. The header needs to be checked closely for deformation. The header may be able to be salvaged.

Building 218 only the A hangar door was damaged. The header needs to be checked closely for deformation. The upper door track needs replacing. It is attached to the header and may have damaged the header. The west brace at the door frame appears to be out of alignment.

We would recommend the door company examine each door to be sure they are square and properly aligned prior to reinstalling them. Several of the upper track rollers were broken from the doors.

We have included the reduced size plans marked to show items need to be repaired and replaced. Also, included are several details enlarged to indicate sizes of the materials. Some of the metal siding

along the damaged door may need replacing along with the trim along the upper tracks of the doors. Our emphasis was on the structural items and not necessarily the cosmetic items such as siding and roofing.

This report is based upon our experience, readily accessible visible defects and certain assumptions that conventional methods of construction were used to build the buildings. We cannot normally see irregularities inside structures. Nature, through trees, excessive rains, droughts and differing soil characteristics, causes extremes we cannot anticipate. Because of all these unknowns, this firm offers no warranty or guaranty with this report.

This report is intended to generally educate the client about the general structural condition of the buildings and does not apply to any mechanical, electrical, plumbing or architectural items in the buildings. This report does not apply to the possible presence and/or danger from harmful substances such as toxic chemicals, carbon monoxide, airborne hazards, etc.

This report has been written for your sole use and only you have the authority to distribute this report to others. Raley and Associates, Inc. and its agents and employees do not have and do disclaim any contractual relationship with, or duty or obligation to, any party other than the addressee of this report. Only the engineer(s) who signed this document has the authority to change its contents and then only in writing to you. This report addresses the results of work completed to date. Should any additional information become available, we reserve the right to amend, as warranted, any of our conclusions or recommendations.

Sincerely,


Jeff Raley
Professional Engineer



attachments

2-13-23

Google Earth

Waverly Ave

Avline Ave

Report North

210 - 212

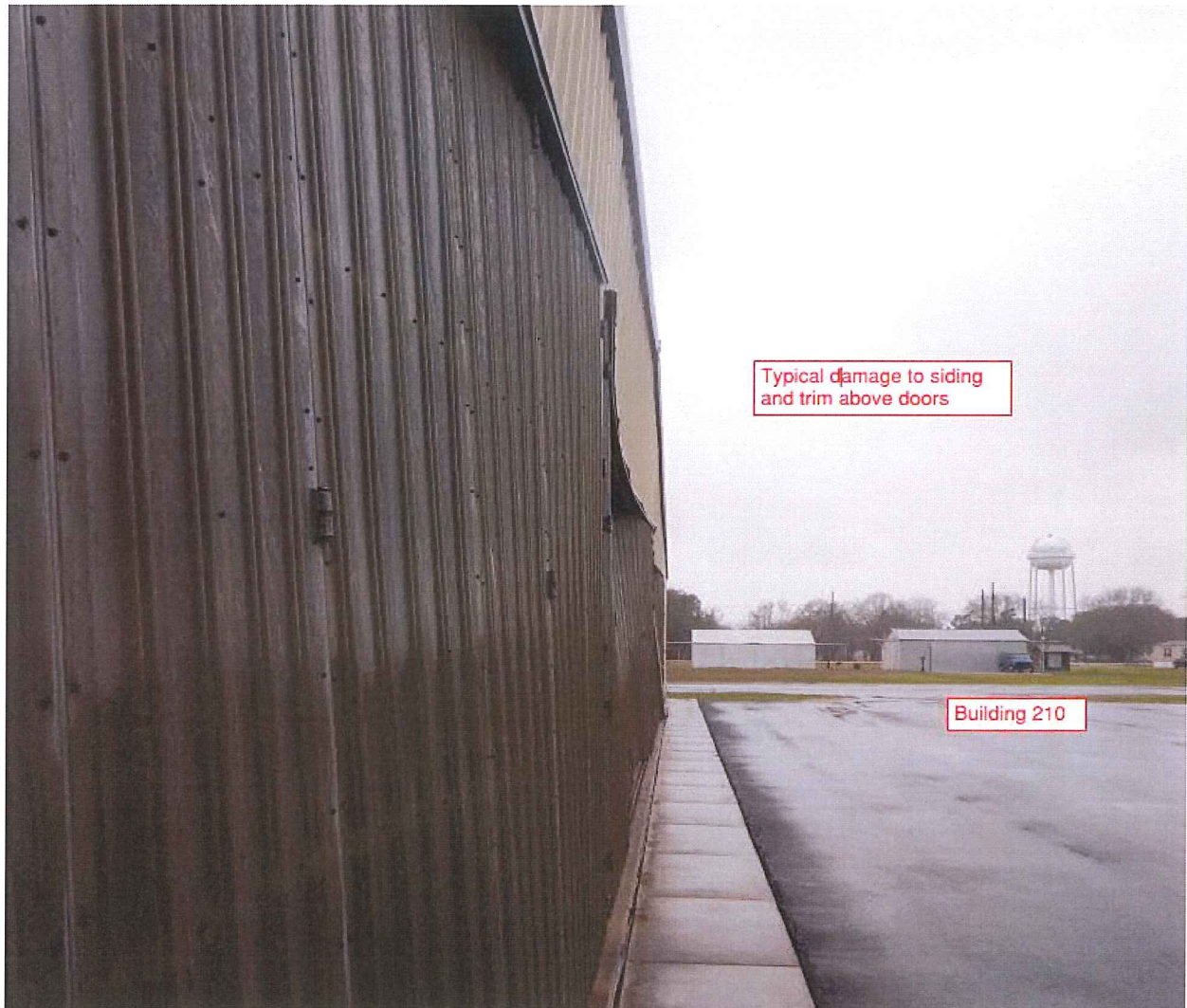
216 - 218

400 ft

Eagle Lake Airp









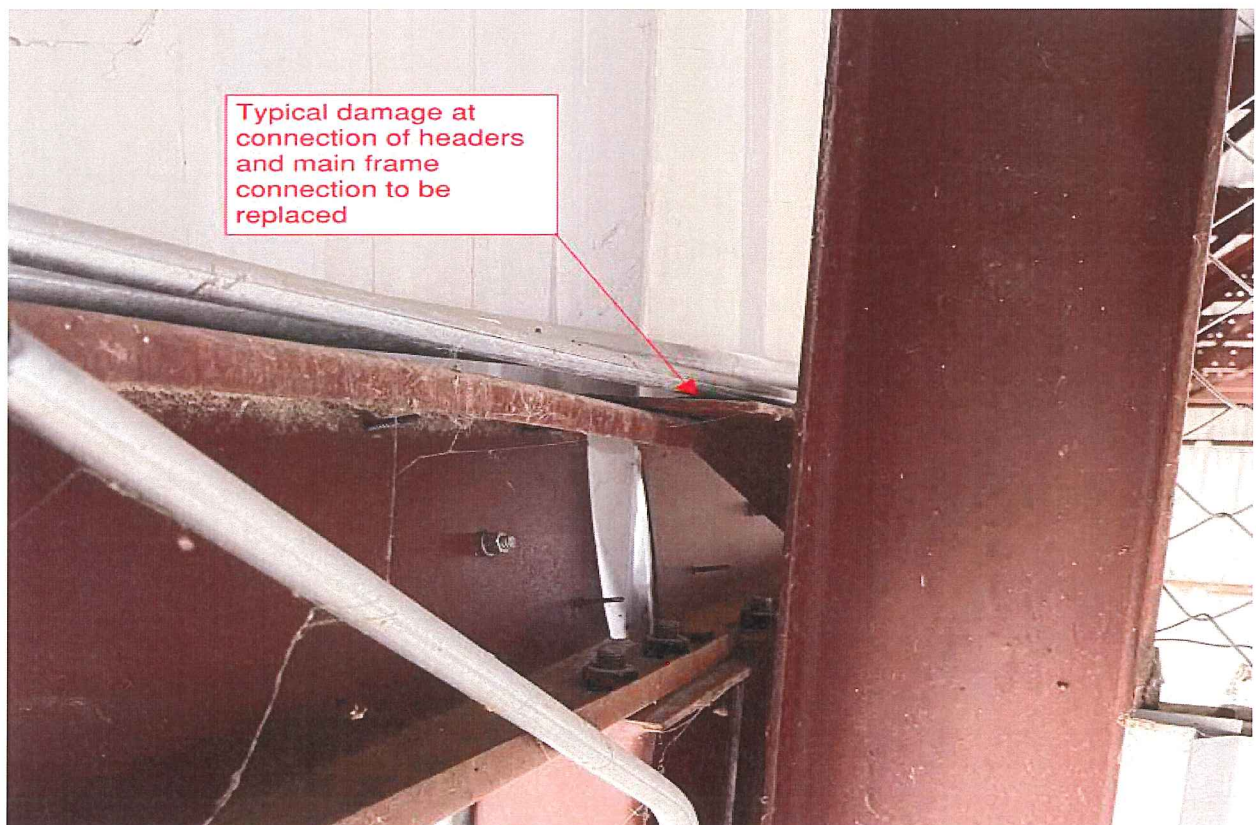
This area left blank



Typical
bracing
damage as
seen in all
buildings
with door
damage

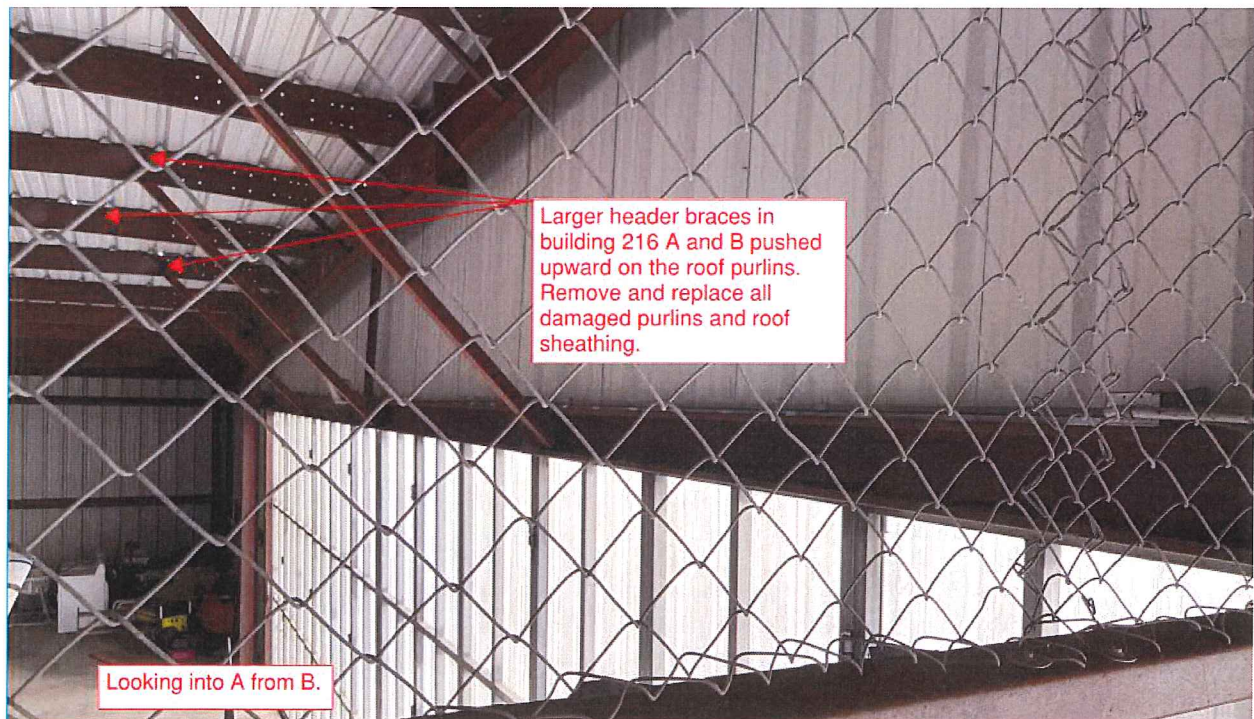
210 - B

This area left blank





Typical header damage - header rolled inward. Remove and replace.

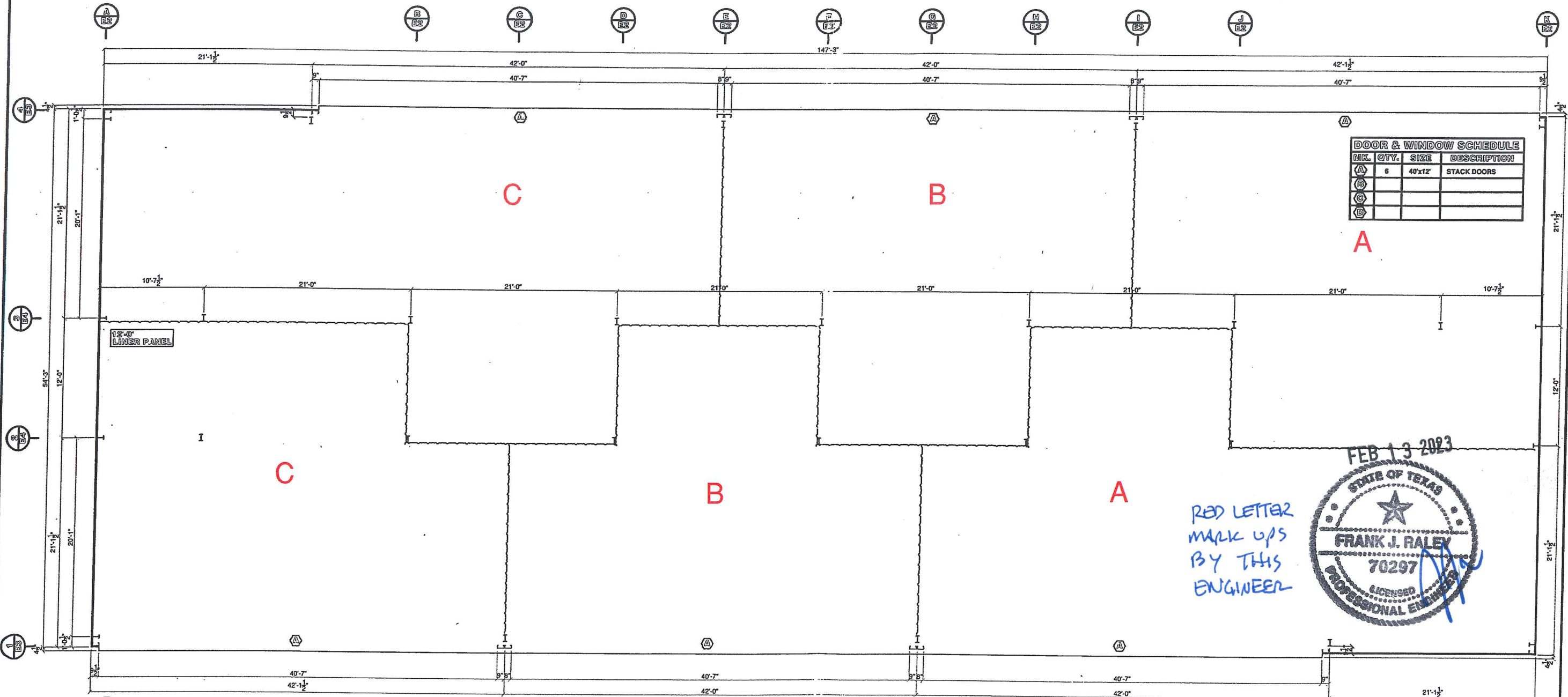


Larger header braces in building 216 A and B pushed upward on the roof purlins. Remove and replace all damaged purlins and roof sheathing.

Looking into A from B.

Building 212

Replace the door frames and connection between door frames and main frame columns. The header may be able to be reused.



DOOR & WINDOW SCHEDULE			
MARK.	QTY.	SIZE	DESCRIPTION
(A)	6	40'x12'	STACK DOORS
(B)			
(C)			
(D)			

A



RED LETTER MARK UPS BY THIS ENGINEER

1 COLUMN LOCATION PLAN
D1 R.V.S.

Replace all door frames, headers, header bracing and connections between door frames and main frame columns

Building 210

APPROVED FEB 11 2024

GOETTER
BUILDINGS
 3435 FM 2020 SPRING, TEXAS 77308 (201) 343-0500

CITY OF EAGLE LAKE
 100 EAST MAIN STREET
 EAGLE LAKE, TEXAS
 (979) 234-2640

DRAWN BY
 N*O*E

DATE
 01/19/04

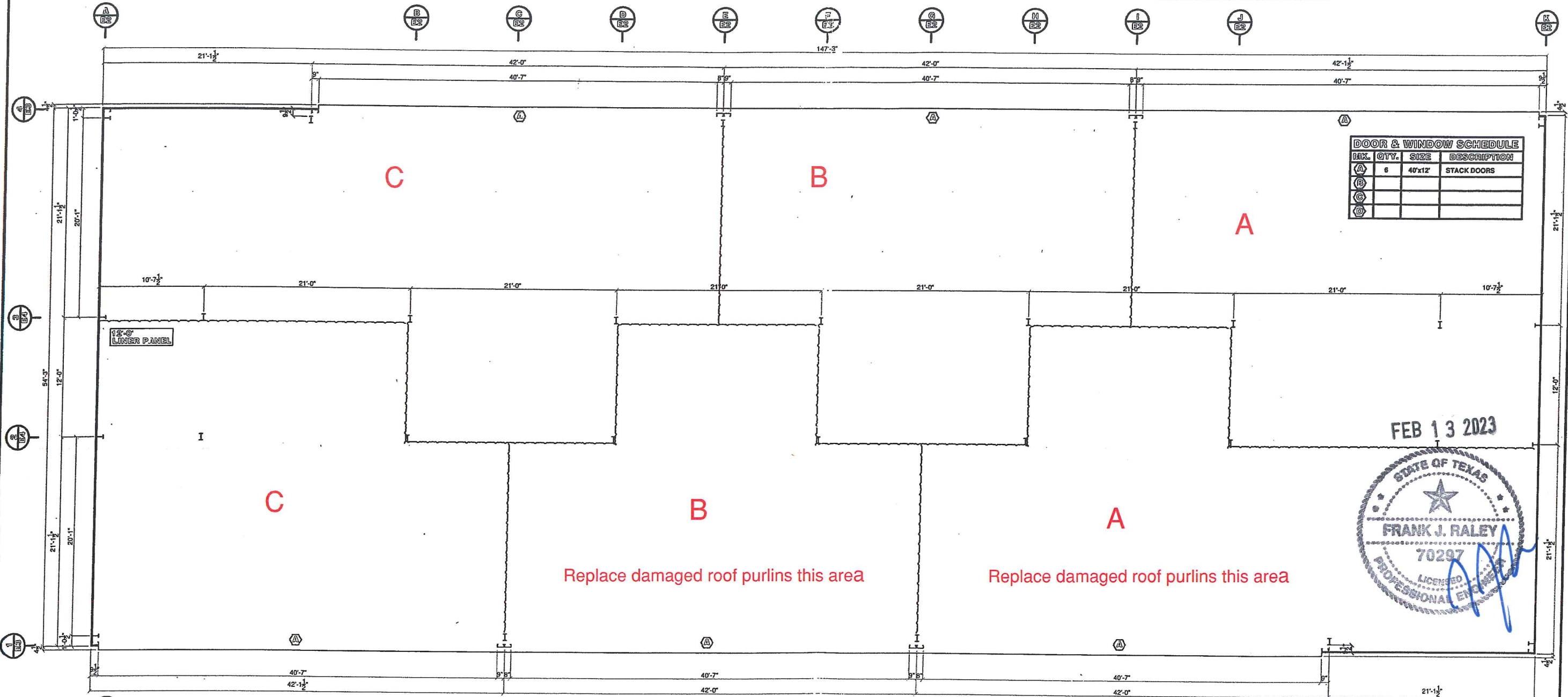
SCALE
 AS NOTED

JOB NO.
 GB1475416-06

SHEET NO.
 D1

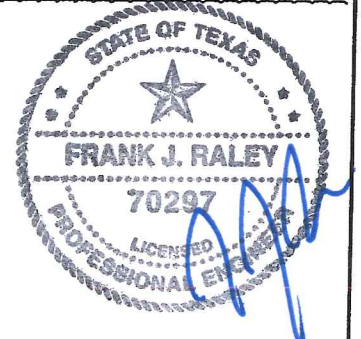
Building 218

Replace the upper door track. Check the header for deformation and replace as needed. Replace west brace at connection of door frame and main frame.



DOOR & WINDOW SCHEDULE			
MARK.	QTY.	SIZE	DESCRIPTION
(A)	6	40'x12'	STACK DOORS
(B)			
(C)			
(D)			

FEB 13 2023



Replace damaged roof purlins this area

Replace damaged roof purlins this area

Replace all door frames, headers, header bracing and connections between door frames and main frame columns

1 COLUMN LOCATION PLAN
D1 R.T.S.

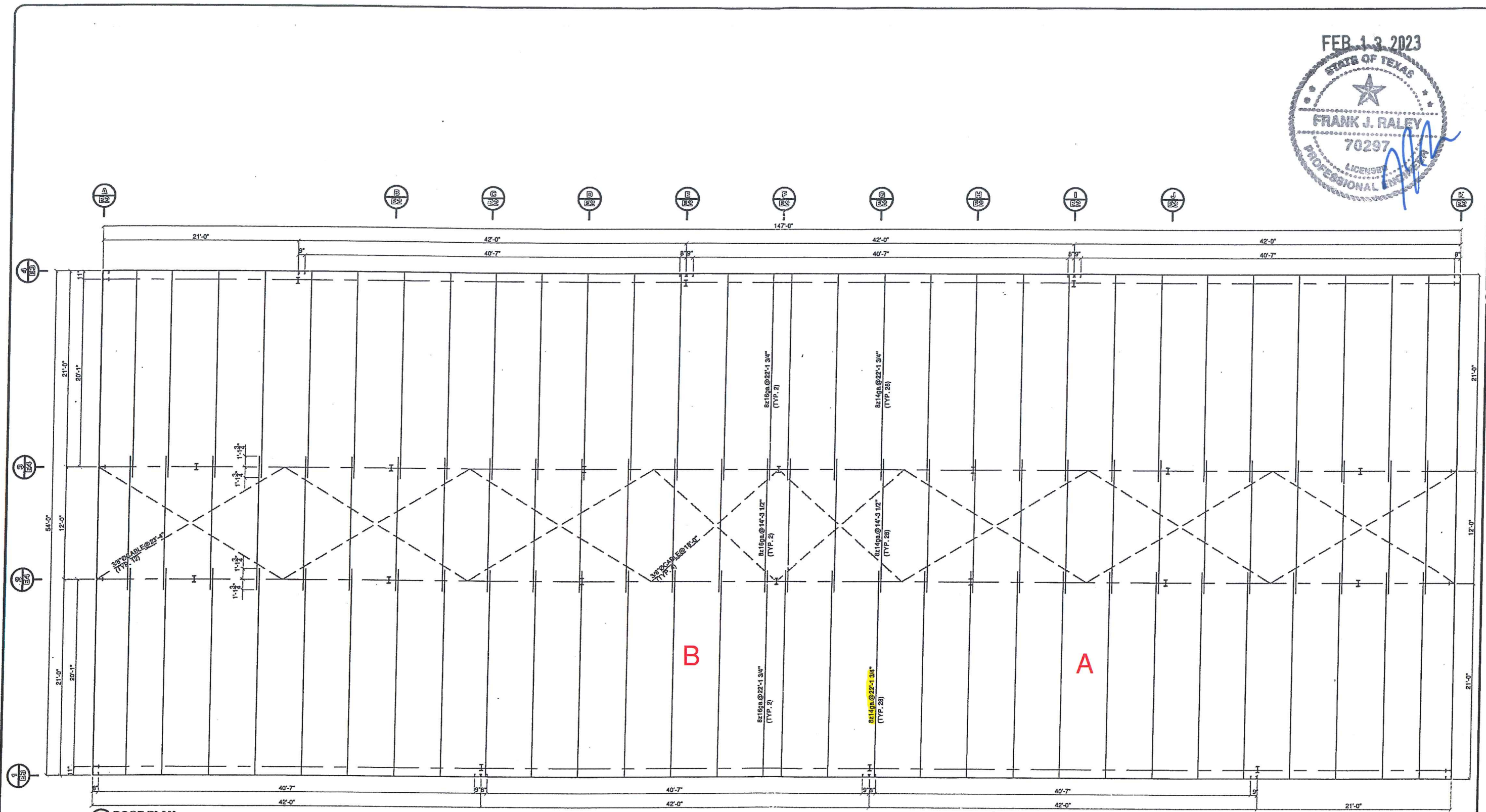
Building 216

APPROVED FEB 11 2024

GOETTER
SHURE BUILDING
 5435 FM 2920 SPRING, TEXAS 77908 (281) 363-0000

CITY OF EAGLE LAKE
 100 EAST MAIN STREET
 EAGLE LAKE, TEXAS
 (979) 234-2640

DRAWN BY: N*O*E
 DATE: 01/19/04
 SCALE: AS NTD
 JOB NO.: GB1475416-06
 SHEET NO.: D1



1 ROOF PLAN
N.T.S.

Replace damaged roof purlins and sheathing in hangars A and B

Building 216

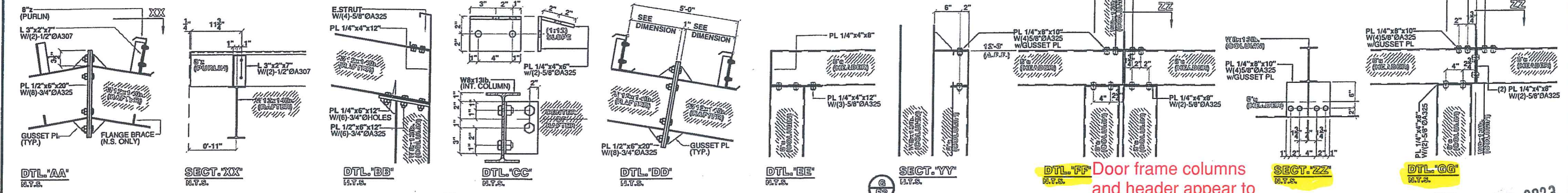
APPROVED FEB 11 2008

SCOTT HERRE
BUTRICE BUILDING
 5428 FM 2920 SPRING, TEXAS 77308 (281) 343-0200

CITY OF EAGLE LAKE
 100 EAST MAIN STREET
 EAGLE LAKE, TEXAS
 (979) 234-2640

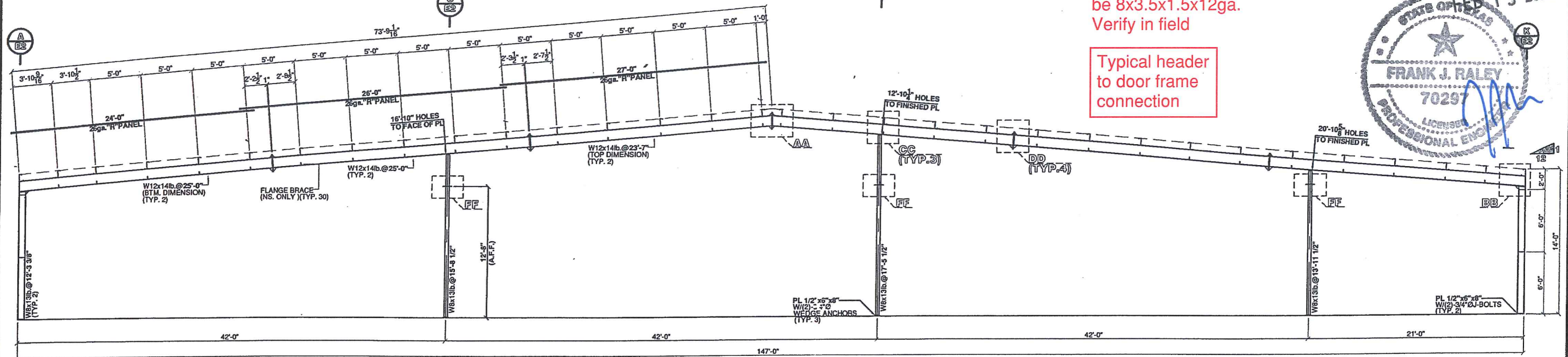
DRAWN BY: N*O*E
 DATE: 01/19/04
 DTN SA
 JOB NO. 001-475416-00
 SHEET NO. 1

APPROVED FEB 13 2004

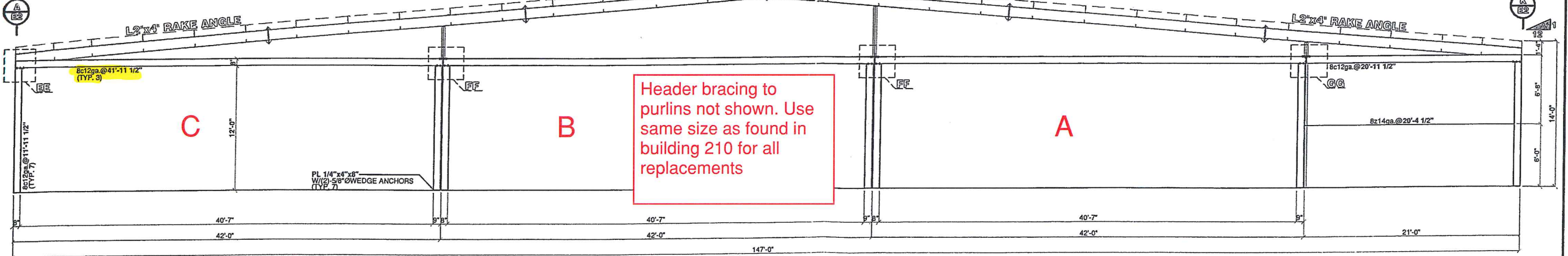


DTL FF Door frame columns and header appear to be 8x3.5x1.5x12ga. Verify in field

Typical header to door frame connection



1-4 E.W. @ LINES 1, 4



Header bracing to purlins not shown. Use same size as found in building 210 for all replacements

1-4 E.W. @ LINES 1, 4

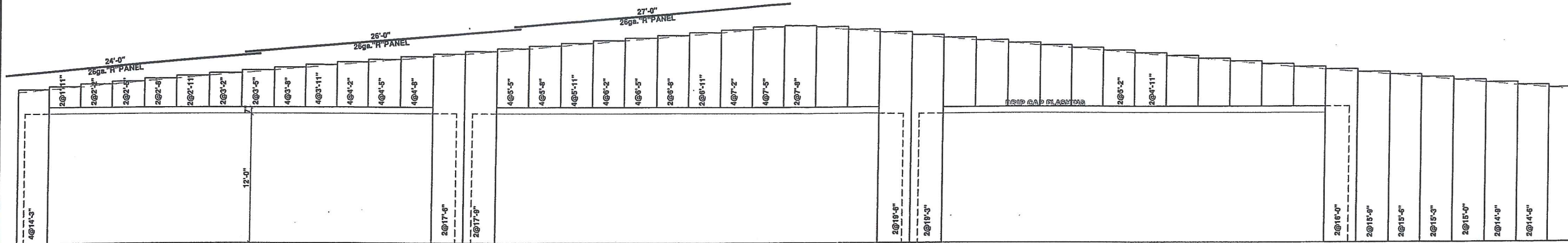
GODFREY
 BUILDINGS, INC.
 5425 FM 2020 SPRING, TEXAS 77308 (801) 363-0200

CITY OF EAGLE LAKE
 100 EAST MAIN STREET
 EAGLE LAKE, TEXAS
 (979) 234-2640

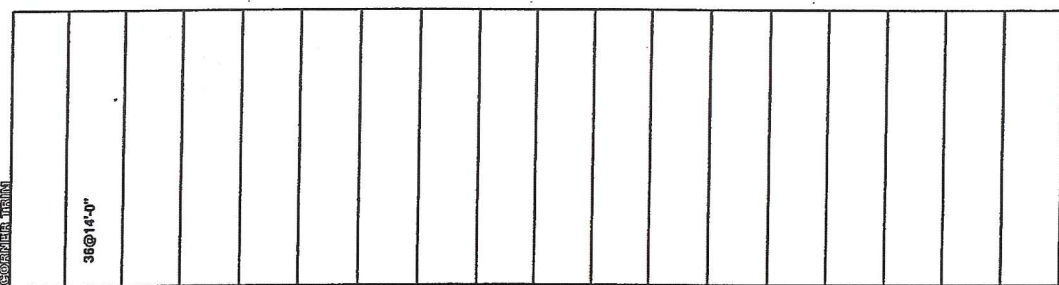
DRAWN BY N*O*E
 DATE 01/19/04
 SCALE AS NOTED
 JOB NO. 081475416-05
 SHEET NO. E3

Verify and replace all damaged siding and trim over and around doors in kind

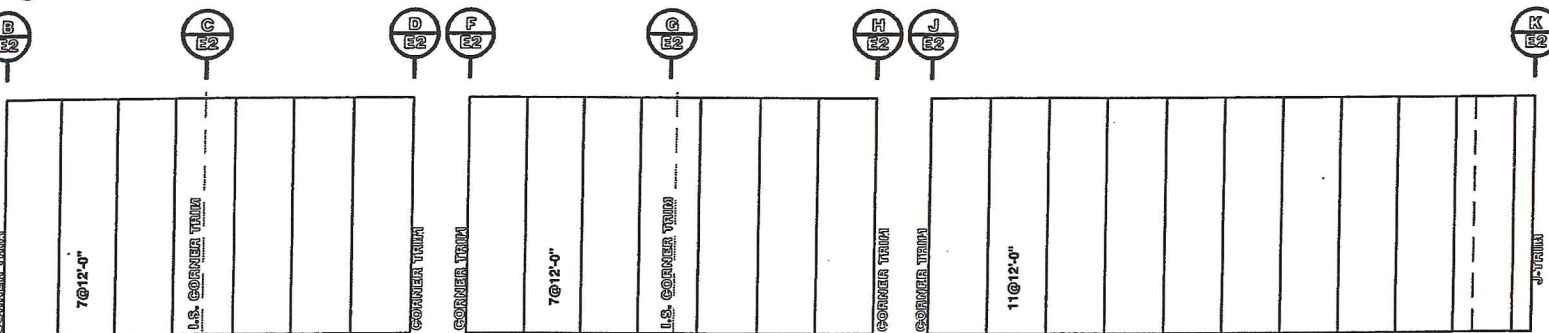
APPROVED FEB 13 2004



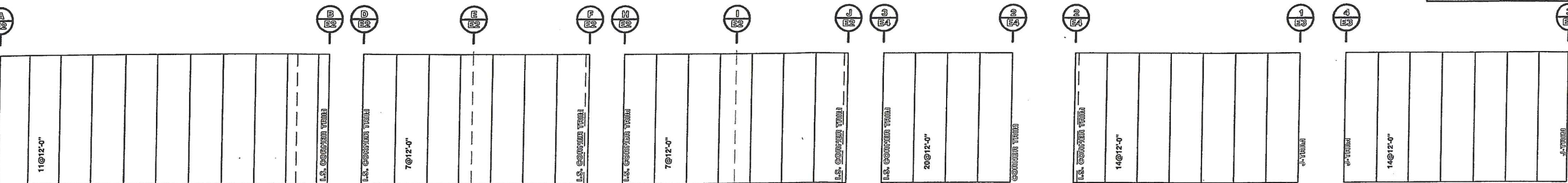
1 SHTNG. @ LINES '1,4' N.T.S.



A SHTNG. @ LINES 'A,K' N.T.S.



2 LINER @ LINE '2' N.T.S.



3 LINER @ LINE '3' N.T.S.

LINER @ LINES 'B,D,F,H,J' SEE #1 FOR LAYOUT

LINER @ LINES 'C,G' SEE #1 FOR LAYOUT

LINER @ LINES 'E,I' SEE #1 FOR LAYOUT

SHEETING SCHEDULE	
ROOF: 26ga. "R" PANEL	
COLOR: GALVANIZED	
36 @ 27'-0"	36 @ 26'-0"
36 @ 24'-0"	
WALLS: 26ga. "R" PANEL	
COLOR: LIGHT STONE	
2 @ 19'-5"	4 @ 5'-11"
2 @ 19'-3"	4 @ 5'-8"
2 @ 17'-9"	4 @ 5'-5"
2 @ 17'-5"	2 @ 5'-2"
2 @ 16'-0"	2 @ 4'-11"
2 @ 15'-9"	4 @ 4'-8"
2 @ 15'-5"	4 @ 4'-5"
2 @ 15'-3"	4 @ 4'-2"
2 @ 15'-0"	4 @ 3'-11"
2 @ 14'-9"	4 @ 3'-8"
2 @ 14'-5"	2 @ 3'-5"
4 @ 14'-3"	2 @ 3'-2"
36 @ 14'-0"	2 @ 2'-11"
2 @ 7'-5"	2 @ 2'-8"
4 @ 7'-5"	2 @ 2'-5"
4 @ 7'-2"	2 @ 2'-2"
2 @ 6'-11"	2 @ 1'-11"
2 @ 6'-8"	
4 @ 6'-5"	
4 @ 6'-2"	
LINER: 26ga. "R" PANEL	
COLOR: GALVANIZED	
98 @ 12'-0"	



GUTHERIE
 BUTRIBUILDINGS INC
 2425 FM 2020 SPRING, TEXAS 77388 (817) 363-0200

CITY OF EAGLE LAKE
 100 EAST MAIN STREET
 EAGLE LAKE, TEXAS
 (979) 234-2640

DRAWN BY: N.O.F.
 DATE: 01/19/04
 SCALE: AS NTD
 JOB NO.: GB1475416-06
 SHEET NO.: 5