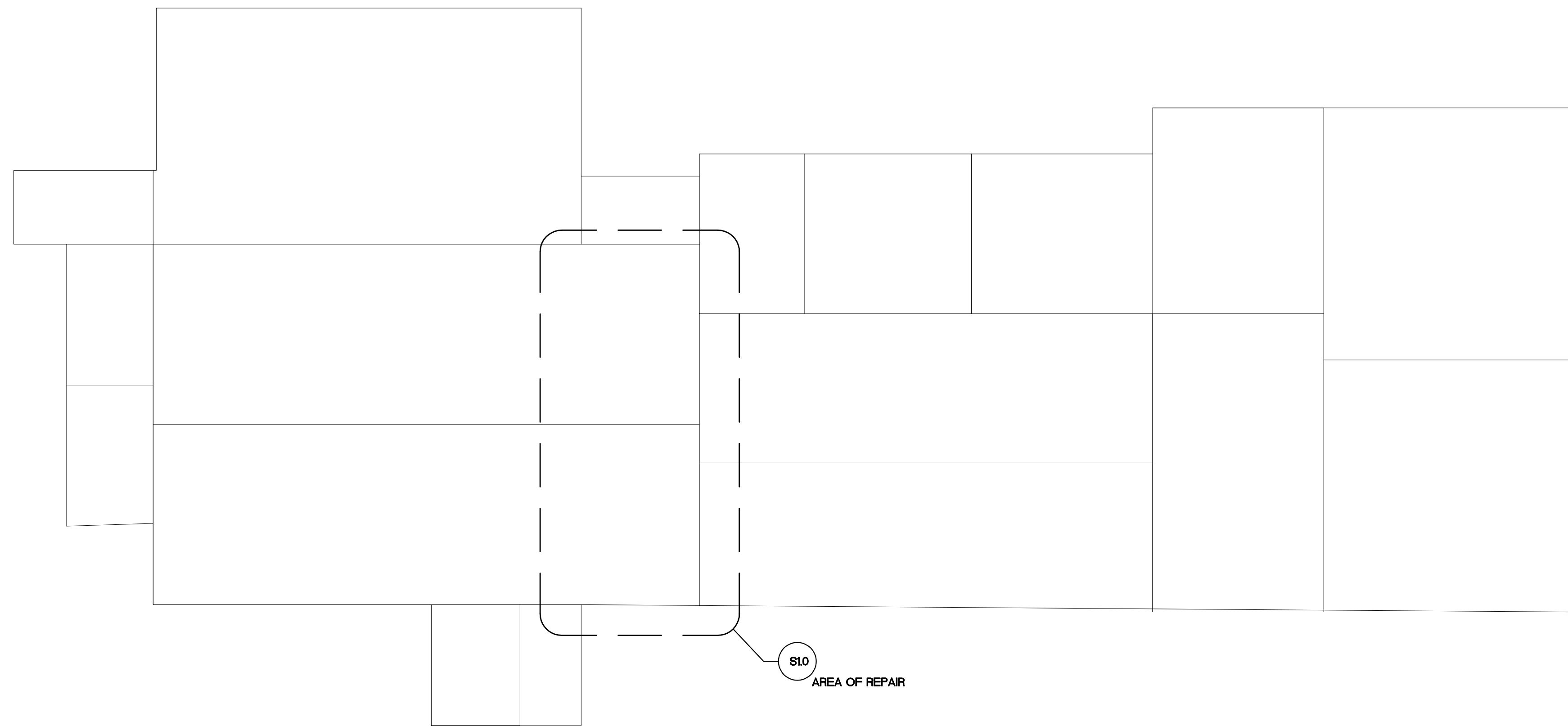


GENERAL NOTES:

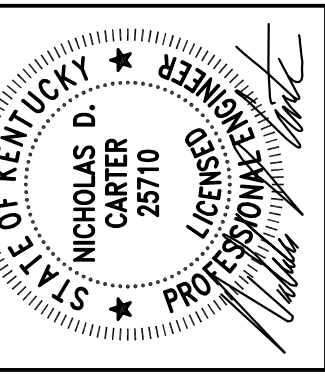
- BUILDING CODE: 2018 KENTUCKY BUILDING CODE (2015 IBC).
- BUILDING RISK CATEGORY: II
- MINIMUM DESIGN LIVE LOADS:
MINIMUM ROOF LIVE LOAD: 20 PSF
- SNOW LOADS:
GROUND SNOW LOAD: 15 PSF
FLAT ROOF SNOW LOAD: 20 PSF
EXPOSURE FACTOR: 1.0
THERMAL FACTOR: 1.0
IMPORTANCE FACTOR: 1.0
- WIND LOADS
BASIC WIND SPEED: 115 MPH
WIND DIRECTIONALITY FACTOR: 0.85
EXPOSURE: C
TOPOGRAPHIC FACTOR INCLUDED: N
INTERNAL PRESSURE COEFFICIENT: ±0.18
GUST EFFECT FACTOR: 0.85
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DETAILS AND DIMENSIONS. ANY DISCREPANCY BETWEEN SUCH DETAILS AND DIMENSIONS AS MAY OCCUR SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION BEFORE THE WORK PROCEEDS.
- STRUCTURAL SERVICES HAS PROVIDED REPAIRS TO THE EXISTING BUILDING PER THE REQUEST OF THE OWNER. AND OVERALL REVIEW OF THE ENTIRE STRUCTURE HAS NOT BEEN PERFORMED

STRUCTURAL STEEL

- STRUCTURAL STEEL HAS BEEN DESIGNED AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS 15TH EDITION.
- ALL MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS; THE 2015 INTERNATIONAL BUILDING CODE SHALL APPLY:
 - STRUCTURAL WIDE FLANGE SHAPES INCLUDING COLUMNS, BEAMS, ETC ASTM A992
 - STRUCTURAL ANGLES, CHANNELS, PLATE & MISCELLANEOUS ITEMS ASTM A572 Grade 50
 - ANCHOR BOLTS A36 OR A307
 - STRUCTURAL TUBING ASTM A500, GRADE C
 - STRUCTURAL PIPE ASTM A53, GRADE B
 - STRUCTURAL BOLTS ASTM A325 or A490; -N or -X AS INDICATED
 - STRUCTURAL CEES AND ZEES ASTM A653 GRADE 55
 - WELDING ELECTRODES E70xx
- ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE DESIGNED BY THE FABRICATOR IN ACCORDANCE WITH THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS* USING 3/4" INCH DIAMETER BOLTS. WASHERS SHALL BE LOAD INDICATOR TYPE OR BOLTS SHALL BE TENSION CONTROL TYPE. CONNECTION DESIGN SHALL BE SUBMITTED WITH SHOP DRAWING SUBMITTAL AND SHALL BE STAMPED AND SIGNED BY A REGISTERED ENGINEER IN THE COMMONWEALTH OF KENTUCKY.
- ALL WELDING SHALL BE IN ACCORDANCE WITH 'THE STRUCTURAL WELDING CODE' AWS D1.1.
- ALL BEAM CONNECTIONS SHALL BE DESIGNED FOR 1/2 OF THE MAXIMUM UNIFORM LOAD FOR THE SIZE, SPAN, AND GRADE OF STEEL LISTED IN MAXIMUM TOTAL UNIFORM LOAD TABLES FROM CHAPTER 3 OF THE AISC MANUAL (15TH EDITION) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND ERECTION OF STEEL SHALL BE VERIFIED. ANY AMBIGUITY FOUND SHALL IMMEDIATELY BE BROUGHT TO THE NOTICE OF THE ARCHITECT.
- STRUCTURAL STEEL ERECTOR SHALL FIELD APPLY TOUCH UP PRIMER PAINT TO ALL WELDED OR UNCOATED STEEL IMMEDIATELY AFTER ANY FIELD CONNECTIONS ARE MADE TO LIMIT POSSIBLE STAINING OR DISCOLORATION OF MASONRY OR CONCRETE ELEMENTS.
- GROUT SHALL BE PRE-MIXED, NON-METALLIC, NON-CORROSIVE, NON-STAINING PRODUCT CONTAINING SELECTED SILICA SANDS, PORTLAND CEMENT, SHRINKAGE COMPENSATING AGENTS, PLASTICIZING AND WATER REDUCING AGENTS, COMPLYING WITH CE-CRD-0621.
- BEFORE SHIPPING FROM THE SHOP ALL STEEL SHALL BE CLEANED. REMOVE HEAVY RUST AND MILL SCALE, SPATTER, SLAG OR FLUX DEPOSITS. COMPLY WITH STEEL STRUCTURES PAINTING COUNCIL SP-2 "HAND TOOL CLEANING" OR SP-3 "POWER TOOL CLEANING". REMOVE OIL, GREASE AND SIMILAR CONTAMINATES; COMPLY WITH SSPC SP-1 "SOLVENT CLEANING".
- APPLY 2 COATS OF PAINT TO SURFACES WHICH ARE INACCESSIBLE AFTER ASSEMBLY OR ERECTION. CHANGE COLOR OF SECOND COAT TO DISTINGUISH IT FROM THE FIRST. DO NOT PAINT CONNECTION SURFACES AND SURFACES WHICH ARE TO RECEIVE SPRAYED ON FIRE-RESISTIVE MATERIALS.
- IMMEDIATELY AFTER CLEANING APPLY MANUFACTURER'S OR FABRICATOR'S STANDARD, FAST CURING, LEAD-FREE, UNIVERSAL MODIFIED ALKYD PRIMER SELECTED FOR GOOD RESISTANCE TO NORMAL ATMOSPHERIC CORROSION, FOR COMPATIBILITY WITH ALKYD FINISH PAINT SYSTEMS, AND FOR THE CAPABILITY OF PROVIDING A SOUND FOUNDATION FOR FIELD-APPLIED TOPCOATS DESPITE PROLONGED EXPOSURE. APPLICATION SHALL BE NOT LESS THAN 1.5 MILS DRY FILM THICKNESS.
- ALL FERROUS METALS IN UNCONDITIONED AREAS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION. APPLY ZINC-COATING BY THE HOT-DIP PROCESS IN COMPLIANCE WITH THE FOLLOWING REQUIREMENT:
 - ASTM A153 FOR GALVANIZING IRON AND STEEL HARDWARE.
 - ASTM A123 FOR GALVANIZING BOTH FABRICATED AND UNFABRICATED IRON AND STEEL PRODUCTS MADE OF UNCOATED ROLLED, PRESSED, AND FORGED SHAPES, PLATES, BARS, AND STRIP 0.0299 INCH THICK AND HEAVIER.



BUILDING 1412 KEY PLAN



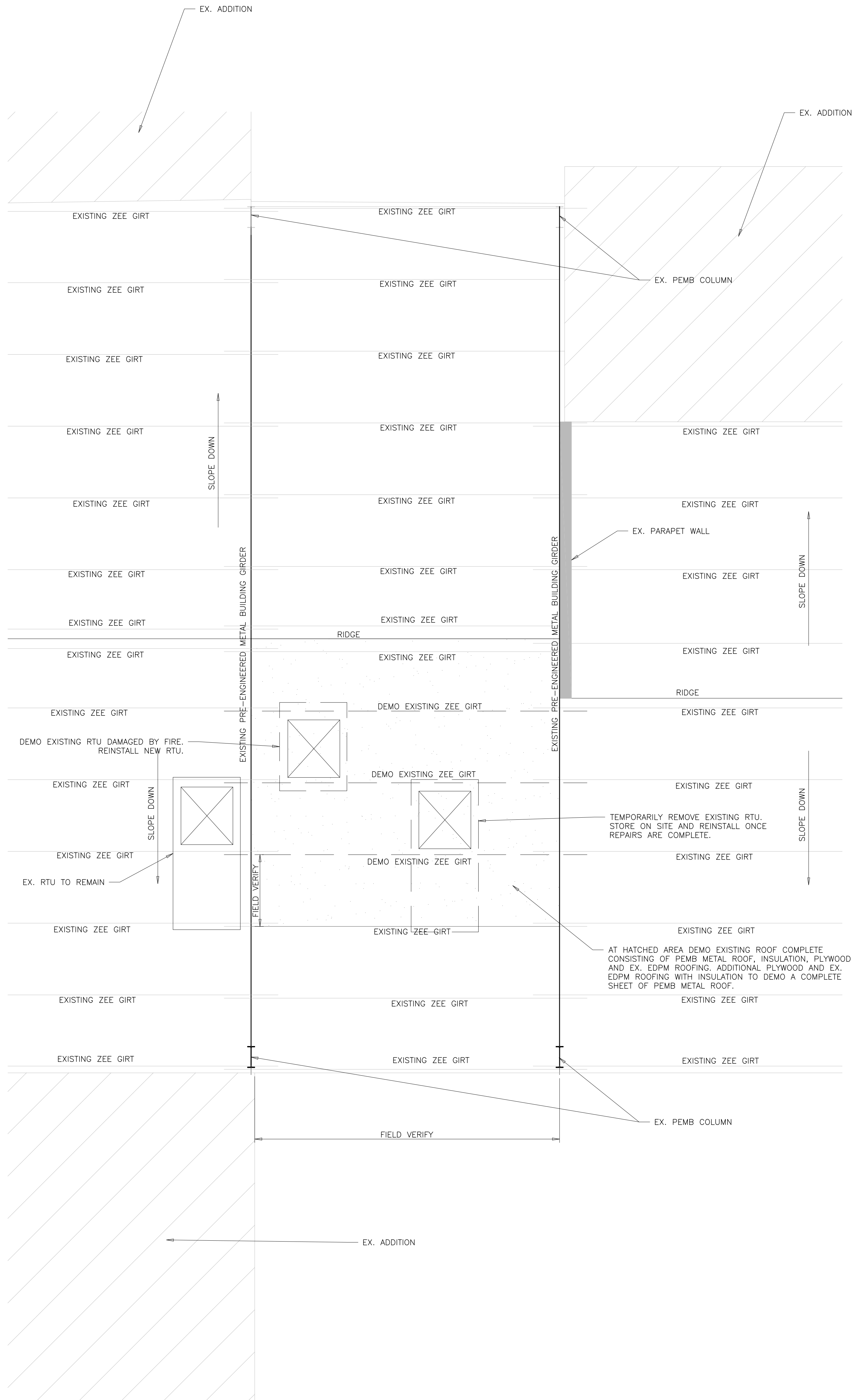
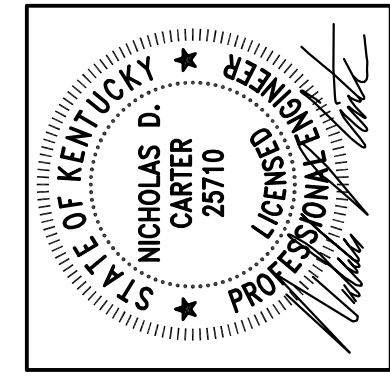
Rev	Date	Description
0	11/01/22	ISSUED

GENERAL NOTES

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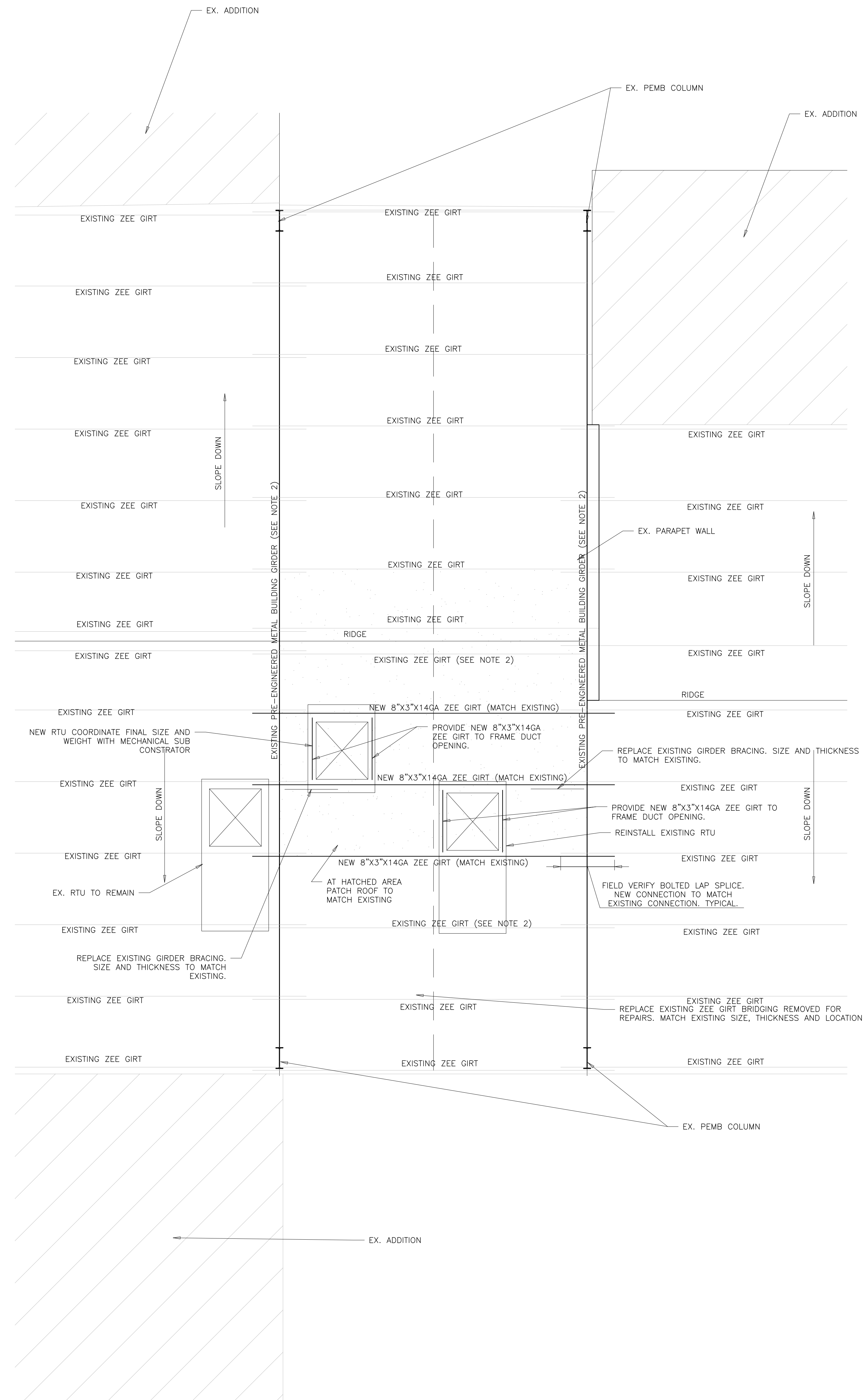
PARTIAL ROOF FRAMING PLAN - DEMO

DEMO NOTES:

1. PROTECT EXISTING EQUIPMENT AND FINISHES (INCLUDING THE FLOORS AND WALLS) TO REMAIN. COORDINATE NEW FINISHES WITH THE OWNER.
2. A PORTION OF THE DEMO AND REPAIR WORK OCCURS OVER AN EXISTING COOLER SPACE. WORK IN THIS AREA WILL NEED TO PERFORM FROM ABOVE THE ROOF AS TO NOT DISTURB THE CEILING PANELS. COORDINATE THIS WORK WITH THE OWNER.
3. EVALUATION OF EXISTING NON STRUCTURAL ITEMS SUCH AS KITCHEN EQUIPMENT, DUCTWORK, ELECTRICAL, PLUMBING, ETC. WAS NOT PERFORMED BY STRUCTURAL SERVICES, INC. AND SHOULD BE BY AN APPROPRIATE CONTRACTOR OR ARCH/ENG CONSULTANT. DAMAGE FROM FIRE AND SUBSEQUENT EXPOSE TO THE ELEMENTS FOR A LONG TERM PERIOD IS EVIDENT.
4. DEMO EXISTING ACOUSTICAL CEILING IN THE KITCHEN COMPLETE.
5. DEMO OR SHORE EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING LOCATED IN THE REPAIR AREA. INSTALL OR RESUPPORT ONCE REPAIRS ARE COMPLETE. ITEMS DEMOED SHALL BE REPLACED WITH NEW MATCHING THE EXISTING AFTER THE REPAIRS ARE COMPLETE.
6. AS NOTED IN THE DEMO PLAN AN EXISTING UNIT IS TO BE TEMPORARILY REMOVED, STORED, AND REINSTALLED ONCE THE REPAIRS ARE COMPLETE. EVALUATE THE EX. RTU TO DETERMINE IF IT IS OPERATIONAL. THE CONTRACTOR SHALL PROTECT THE EX. RTU FROM DAMAGE DURING THIS PROCESS. ANY DAMAGE TO THE EX. UNIT SHALL BE REPAIRED AT NOT COST TO THE OWNER.
7. DEMO ALL EXISTING DEBRIS IN THE KITCHEN COMPLETE.

DRAWING NOTES:

1. FIELD VERIFY ALL EXISTING DIMENSIONS.
2. STRIP ALL DAMAGED PAINT AND RUST BY MECHANICAL MEANS. PROVIDE TWO COATS OF RED OXIDE PRIMER TO STRIPPED AREA.
3. NEW ROOF SECTION TO MATCH EXISTING INCLUDING PEMB METAL ROOF INSULATION, PLYWOOD, EDPM, ETC.
4. PROVIDE CURBS FOR NEW UNITS PER UNIT VENDOR AND ROOFING CONTRACTOR REQUIREMENTS.
5. PROVIDE NEW ACOUSTICAL CEILING IN THE KITCHEN TO MATCH THE EXISTING.
6. INSTALL NEW OR RESUPPORT EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING EITHER DEMOED OR SHORED IN THE REPAIR AREA.



PARTIAL ROOF FRAMING PLAN - REPAIR

Rev	Date	Description
0	11/14/22	ISSUED

BUILDING 1412 STRUCTURAL ROOF REPAIR PLANS

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