

GENERAL NOTES:

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS, AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- SECTIONS AND DETAILS SHOWN ON DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
- THESE NOTES SUPPLEMENT PROJECT SPECIFICATIONS. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND SCOPE. NOTIFY ARCHITECT/ ENGINEER IF CONFLICTS ARE DISCOVER BETWEEN NOTES AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FINISHES, ASSEMBLIES, AND INSTALLATIONS INTENDED TO REMAIN AFTER PROJECT COMPLETION. THIS INCLUDES PROTECTION FROM ALL DEBRIS, DUST, WELD SPLATTER, FUMES, AND ALL OTHER POTENTIAL DAMAGE FROM CONSTRUCTION.

DESIGN NOTES:

- THE STRUCTURE IS DESIGNED TO COMPLY WITH THE CURRENT MAINE UNIFORM BUILDING AND ENERGY CODE (MUBEC), WHICH REFERENCES THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE AND THE 2010 EDITION OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS' MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-10.
- ROOF FRAMING IS DESIGNED FOR LOADS AS FOLLOWS:
 - GROUND SNOW LOAD $P_g = 100$ PSF.
 - FLAT ROOF SNOW LOAD
 - BUILDING $PF = 75$ PSF.
 - SNOW EXPOSURE FACTOR $C_e = 0.9$.
 - SNOW IMPORTANCE FACTOR $I = 1.2$.
 - THERMAL FACTOR
 - BUILDING $CT = 1.1$.
 - DRIFTED AND UNBALANCED SNOW LOADS IN ACCORDANCE WITH ASCE 7-10.
- DESIGN FOR WIND UPLIFT IS IN ACCORDANCE WITH LOADINGS AS FOLLOWS:
 - BASIC WIND SPEED $V = 120$ MPH.
 - STRUCTURAL OCCUPANCY CATEGORY III/IV.
 - WIND EXPOSURE - EXPOSURE B.
 - INTERNAL PRESSURE COEFFICIENT $GCFI = 0.18$.

MASONRY NOTES:

- ALL WORK SHALL COMPLY WITH ACI 530-13, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND ACI 530.1, SPECIFICATIONS FOR MASONRY STRUCTURES.
- MASONRY SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH $f_m' = 1500$ PSI.
- INSTALL DOWELS OF SIZE EQUAL TO VERTICAL BARS AT SPECIFIED SPACING FOR VERTICAL BARS. DOWELS ARE SHOWN AS CAST-IN-PLACE. POST-INSTALLED DOWELS ARE AN ACCEPTABLE SUBSTITUTION AS FOLLOWS:
 - DRILL INTO THE CONCRETE FOUNDATION. SET IN HILTI HIT HY 200 INJECTION ADHESIVE. LOCATE TO BE CENTERED IN THE EXISTING CONCRETE MASONRY WALL. CROSS-SECTION UNLESS OTHERWISE NOTED.
 - PROVIDE EMBEDMENT IN ACCORDANCE WITH THE FOLLOWING TABLE:
- MORTAR SHALL COMPLY WITH ASTM C270, PROPORTION SPECIFICATION FOR TYPE S MORTAR. MIX WITH INGREDIENTS AS FOLLOWS:
 - PORTLAND CEMENT - TYPE I, COMPLYING WITH ASTM C150.
 - LIME - TYPE S HYDRATED LIME COMPLYING WITH ASTM C207.
 - SAND - COMPLYING WITH ASTM C144.
 - WATER - POTABLE.
 - LIMIT CEMENTITIOUS MATERIALS TO PORTLAND CEMENT-LIME. THE USE OF MASONRY CEMENT IS PROHIBITED.
 - ADJUST PROPORTIONS TO BE COMPATIBLE WITH EXISTING MASONRY.
- MASONRY GROUT SHALL COMPLY WITH ASTM C476, PROPORTION SPECIFICATION.
 - CEMENT SHALL COMPLY WITH ASTM C150, TYPE I OR 2.
 - FINE AGGREGATE SHALL COMPLY WITH ASTM C144.
 - COARSE AGGREGATE SHALL COMPLY WITH ASTM C404.
 - LIME SHALL BE TYPE S HYDRATED LIME, COMPLYING WITH ASTM C207.
 - WATER SHALL BE POTABLE.
 - PROVIDE GROUT WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
 - PLACE GROUT WITH A SLUMP BETWEEN 8" TO 11".
 - ADJUST PROPORTIONS TO BE COMPATIBLE WITH EXISTING MASONRY.
- GROUTING:
 - GROUT LIFT HEIGHT SHALL NOT EXCEED 3 FEET WITHOUT CLEANOUTS. CLEANOUTS SHALL BE AT THE BOTTOM OF EACH CELL. TO BE GROUTED WITH MINIMUM DIMENSIONS 3" HIGH X 4" WIDE, LOCATED AT THE INTERIOR FACE. GROUT FOUR HEIGHT SHALL NOT EXCEED 10 FEET.
 - THE TOP OF EACH GROUT LIFT SHALL BE 1-1/2" BELOW THE TOP OF THE MASONRY UNIT.
 - GROUTING OF MASONRY LINTELS SHALL BE COMPLETED IN ONE CONTINUOUS PLACEMENT WITHOUT COLD JOINTS.
 - CONSOLIDATE GROUT WITH A MECHANICAL VIBRATOR.
 - GROUT SOLID ALL REINFORCED CELLS, AND ALL CELLS OTHERWISE NOTED AS SOLID GROUTED.
- PROVIDE CORNER AND END BLOCKS AT FINISH CORNERS AND WALL OPENINGS.
- MORTAR SHALL NOT BE USED WHERE GROUT IS SPECIFIED.
- HOT WEATHER MASONRY SHALL CONFORM TO ACI 305.
- COLD WEATHER MASONRY SHALL CONFORM TO ACI 306.
- ANCHOR STEEL SUPPORTED BY MASONRY BY FIELD WELDING TO 3/8" MIN BEARING PLATE EMBEDDED IN THE BOND BEAM OR GROUT POCKET WITH A MIN OF TWO (2) 3/4" DIAMETER HEADED STUDS AT EACH FRAMING MEMBER UNLESS NOTED OTHERWISE. IN EXISTING MASONRY UPON APPROVAL BY ENGINEER, HEADED STUDS MAY BE SUBSTITUTED WITH EPOXY-GROUT ANCHORS. COORDINATE EMBED WITH ENGINEER.

STRUCTURAL STEEL

- FABRICATE, ERECT, AND DESIGN CONNECTIONS FOR STRUCTURAL STEEL PER AISC STEEL CONSTRUCTION MANUAL, 14TH EDITION.
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
 - WIDE FLANGE BEAM ASTM A992
 - HSS TUBES ASTM B500, GRADE 46
 - PLATES AND OTHER SHAPES ASTM A572
 - ANCHOR RODS ASTM F1554, GRADE 36
- BOLT FIELD CONNECTIONS USING ASTM A325 OR A440 HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE.
- TIGHTEN ALL STRUCTURAL STEEL BOLTED CONNECTIONS TO THE SNUG-TIGHT CONDITION UNLESS NOTED ON THE CONTRACT DOCUMENTS AS SLIP-CRITICAL. THE SNUG-TIGHT CONDITION IS DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH.
- CONFORM TO AWS D11. USE E70XX WELDING ELECTRODES COMPLIANT WITH AWS REQUIREMENTS, UNLESS NOTED OTHERWISE.
- PROVIDE MINIMUM FILLET WELD SIZES NOT SHOWN ON DRAWINGS AS FOLLOWS, BASED ON MATERIAL THICKNESS OF THICKER PART JOINED:
 - TO 1/2" INCLUSIVE.....3/16"
 - OVER 1/2" TO 3/4".....1/4"
 - OVER 3/4".....5/16"
- FABRICATE AND SHIP STEEL AS SHOP PRIMED STEEL UNLESS NOTED OTHERWISE. STRUCTURAL STEEL EXPOSED TO EXTERIOR CONDITIONS SHALL BE COATED WITH ZINC RICH PRIMER. SEE SPECIFICATIONS FOR MORE REQUIREMENTS.
- PREPARE SURFACE OF STEEL IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL (SSPC) SP-6 (COMMERCIAL BLAST CLEANING), SP-2 (HAND TOOL CLEANING), OR SP-3 (POWER TOOL CLEANING).
- CUT STEEL MEMBERS FROM FULL LENGTH STOCK. UNAUTHORIZED SPLICES WILL BE CAUSE FOR REJECTION.
- SUBMIT COMPLETE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- COORDINATE INSTALLATION OF ANCHORAGE ITEMS TO BE EMBEDDED OR ATTACHED TO OTHER CONSTRUCTION WITHOUT DELAYING THE WORK. PROVIDE SETTING DIAGRAMS, TEMPLATES, INSTRUCTIONS, AND DIRECTIONS FOR INSTALLATION.
- STORE STEEL MATERIALS OFF THE GROUND AND SPACED USING PALLETS, DUNNAGE, OR OTHER APPROVED SUPPORTS AND SPACERS. PROTECT STEEL MEMBERS AND PACKAGED MATERIALS FROM CORROSION AND DETERIORATION.
- PROVIDE TEMPORARY BRACING DESIGNED BY THE CONTRACTOR'S ENGINEER AS REQUIRED TO RESIST ALL LATERAL LOADS UNTIL ALL PERMANENT BRACING HAS BEEN INSTALLED.
- COAT ALL STEEL EMBEDDED BELOW GRADE AND IN CONCRETE WITH BITUMINOUS MASTIC. REMOVE ALL OVER APPLIED MASTIC THAT IS VISIBLE TO VIEW.
- IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRASED AREAS OF SHOP PAINT AND/OR GALVANIZING. APPLY A MINIMUM OF TWO COATS OF PAINT TO ALL EXPOSED AREAS USING THE SAME MATERIAL AS USED FOR SHOP PAINTING.
- REMOVED SLAG ON WELDS AND EXCESS SPLATTER BY CHIPPING OR GRINDING.
- REMOVE OIL AND RESIDUES WHICH WOULD PREVENT ADHERENCE OF PAINT TO STEEL IN ACCORDANCE WITH SSPC SP-1 (SOLVENT CLEANING).
- TOUCH-UP GALVANIZED SURFACES IN ACCORDANCE WITH ASTM A780-43A.

STEEL JOISTS

- ALL OPEN-WEB STEEL JOISTS SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE BUILDING CODES NOTED HEREIN AND THE LATEST SPECIFICATION OF THE STEEL JOIST INSTITUTE (SJI).
- THE JOIST MANUFACTURER SHALL DESIGN THE JOIST SYSTEM TO RESIST THE LOADS INDICATED HEREIN AND PROVIDE ALL BRIDGINS AS REQUIRED PER THE STEEL JOIST INSTITUTE (SJI). JOIST GIRDEES SHALL BE DESIGNED FOR UPLIFT RESISTANCE WITHOUT THE NEED FOR BOTTOM CHORD BRIDGINS OR BRACING.
- JOISTS SHALL BE DESIGNED TO RESIST A MINIMUM NET UPLIFT PRESSURE OF 15 POUNDS PER LINEAR FOOT
- FOR JOISTS (NOT JOIST GIRDEES) CONTINUOUS JOIST BRIDGINS SHALL BE PROVIDED AT THE TOP AND BOTTOM CHORDS PER SJI STANDARDS. PROVIDE ADDITIONAL BOTTOM CHORD BRIDGINS AS MAY BE REQUIRED TO RESIST UPLIFT LOADING.
- SPECIAL STEEL ROOF JOISTS SHALL HAVE A SNOW LOAD DEFLECTION LIMIT OF $SPAN/240$.
- ALL FIELD WELDING SHALL BE WITH E70XX ELECTRODES AND SHALL CONFORM TO AWS/AWS D11, "STRUCTURAL WELDING CODE", LATEST EDITION. ALL WELDING SHALL BE SHALL BE PERFORMED BY CERTIFIED WELDERS.
- FOR SUPPORT OF ROOFTOP EQUIPMENT AND WHERE ROOF OPENINGS EXCEED 12" IN ANY DIRECTION, INSTALL TYPICAL ROOF FRAMES PRIOR TO INSTALLATION OF ROOF DECK.
- WHERE PENETRATIONS ARE REQUIRED, INSTALL ROOF DECK REINFORCEMENT AS SHOWN ON TYPICAL DETAIL.
- ALL CONCENTRATED LOADS IN EXCESS OF 100 POUNDS RESULTING FROM ROOF TOP EQUIPMENT, FRAMED OPENINGS, OR SUSPENDED MECHANICAL, ELECTRICAL OR ARCHITECTURAL SYSTEMS SHALL BE LOCATED WITHIN 2' OF A JOIST PANEL POINT. IF THE CONCENTRATED LOADS DO NOT OCCUR WITHIN 2' OF A PANEL POINT, ADDITIONAL JOIST WEB MEMBERS SHALL BE FIELD WELDED FROM THE POINT LOAD TO THE NEAREST PANEL POINT ON THE OPPOSITE CHORD. REFERENCE JOIST REINFORCEMENT DETAIL ON DRAWING S-512.
- ALL JOISTS AND JOIST ACCESSORIES SHALL BE SHOP PAINTED WITH THE MANUFACTURER'S STANDARD PRIMER COMPLYING WITH STEEL STRUCTURES PAINTING COUNCIL STANDARD SPECIFICATION SSPC-PAINT 15.
- ALL FIELD WELDED CONNECTIONS AND ABRASIONS SHALL BE TOUCHED WITH TWO COATS OF PRIMER AFTER MEMBER ERECTION IS COMPLETE.
- SUBMIT FOR REVIEW COMPLETE SHOP DRAWINGS INDICATING CRITICAL DIMENSIONS, PIECE MARKS, SPACINGS, FINISHES, AND TYPES AND LOCATIONS OF ALL JOISTS. THE SHOP DRAWINGS SHALL INCLUDE DETAILS OF ALL CONNECTIONS AND ANCHORAGE AND BRIDGING REQUIREMENTS.
- SUBMIT DESIGN ANALYSIS FOR SPECIAL JOISTS, DESIGNED FOR SPECIFIC LOADINGS INDICATED WITHIN THESE DOCUMENTS. DESIGN ANALYSIS SHALL BE STAMPED BY AN ENGINEER, LICENSED TO PRACTICE IN MAINE.

STEEL DECK NOTES

- PROVIDE STEEL DECK IN ACCORDANCE WITH "SDI SPECIFICATIONS AND COMMENTARY FOR STEEL ROOF DECK, NON-COMPOSITE STEEL FLOOR DECK, AND COMPOSITE STEEL FLOOR DECK" RESPECTIVELY.
- FABRICATE DECK FROM ASTM A653 GRADE 53 OR BETTER SHEET STEEL. DECK DEPTH, PROFILE, AND THICKNESS SHALL BE AS INDICATED ON THE DRAWINGS.
- GALVANIZE STEEL DECK IN ACCORDANCE WITH ASTM A924, G60.
- INSTALL STEEL DECK IN A THREE SPAN CONDITION UNLESS NOTED OTHERWISE.
- FASTEN STEEL DECK TO SUPPORTING MEMBERS, FRAMES AT OPENINGS, AND ALL PERIMETER EDGE ANGLES/MEMBERS WITH $\frac{5}{8}$ " DIA PUDDLE WELDS @ 6" O.C. PROVIDE #10 SCREW SIDE LAP FASTENERS, 2 SCREWS PER LAP MIN. PROVIDE A MINIMUM OF 1-1/2 INCH END BEARING AND LAP END JOINTS A MINIMUM OF 2 INCHES. LAP ALL JOINTS OVER SUPPORTS.
- SUBMIT COMPLETE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- STORE DECK MATERIALS ON SITE OFF THE GROUND WITH ONE END ELEVATED TO PROVIDE DRAINAGE AND PROTECT FROM THE ELEMENTS WITH A WATERPROOF COVER, VENTILATE TO AVOID CONDENSATION.

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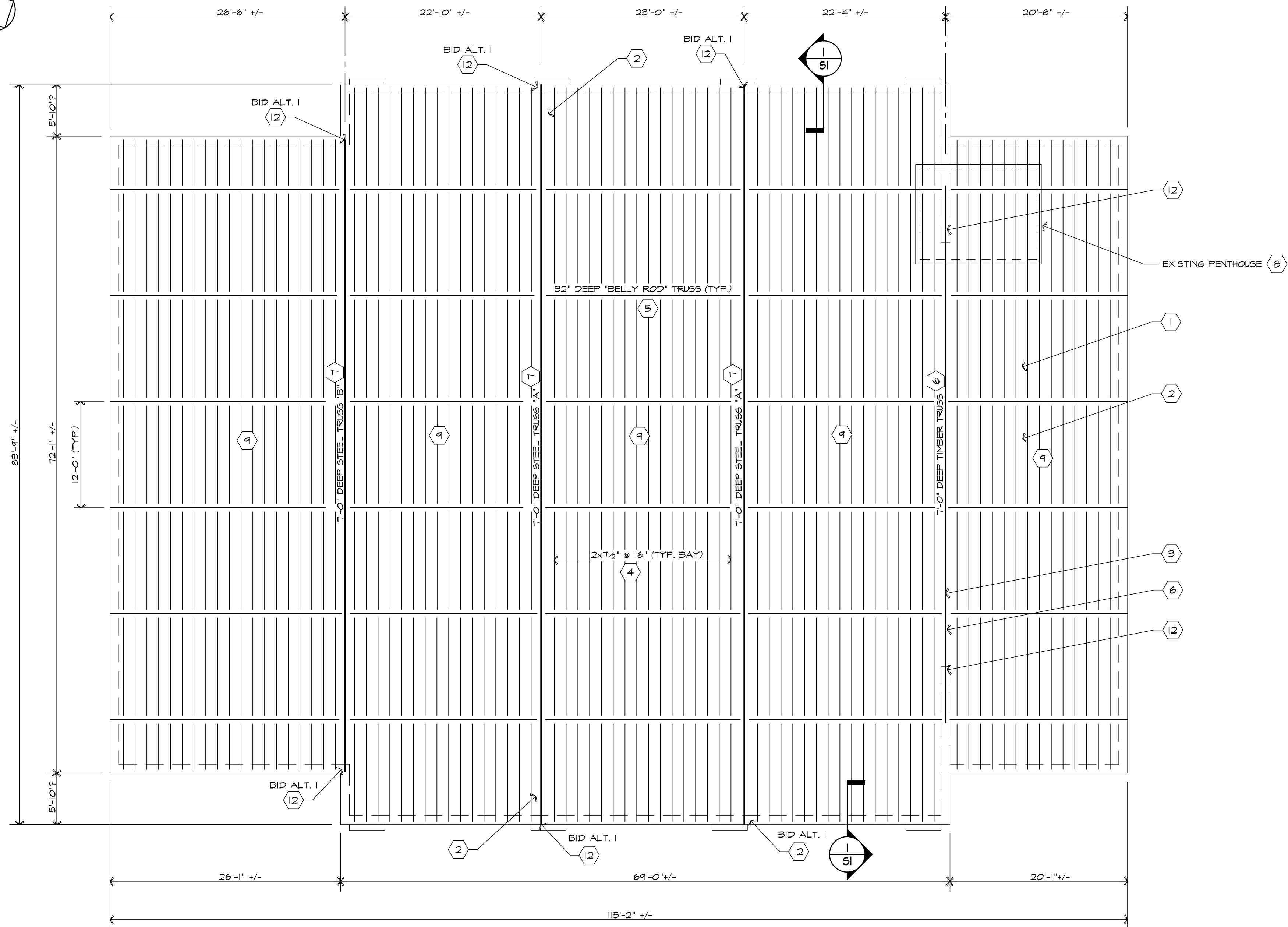
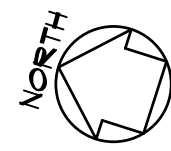
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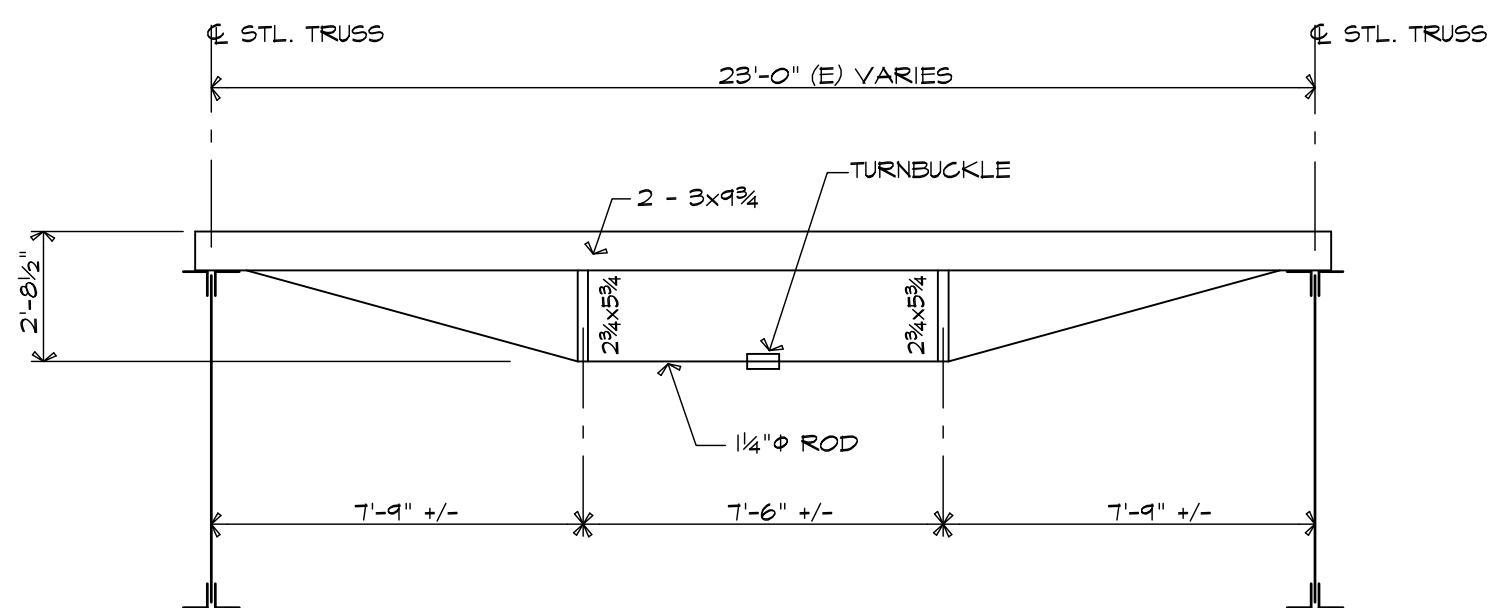
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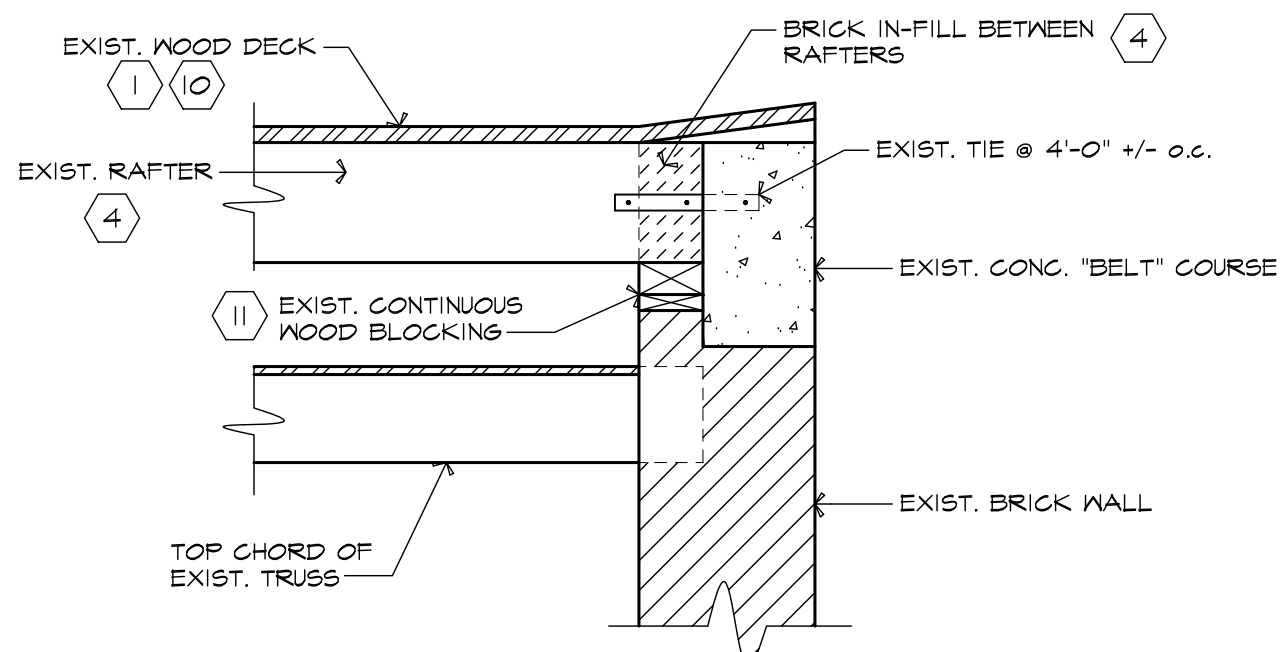
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ROOF DEMOLITION PLAN
1/8"=1'-0"



EXIST. "BELLY ROD" TRUSS
1/4"=1'-0"



SECTION I
1"=1'-0"

SHEET NOTES:

- SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES. SEE INDEPENDENT ROOF SERVICES DRAWINGS FOR MORE INFO.
- SECTIONS, NOTES, AND DETAILS SHOWN ON DRAWING SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
- EXISTING RAFTERS, DECK, TRUSSES, ETC. BRACE AND STABILIZE EXTERIOR & INTERIOR WALLS. THE CONTRACTOR SHALL SHORE EXISTING WALLS PRIOR TO DEMOLITION. SHORING DESIGN IS BY THE CONTRACTOR. SUBMIT SHORING PLAN FOR APPROVAL PRIOR TO START OF WORK. SEE NOTE 3 OF "GENERAL NOTES", S0.1
- PROTECT ALL INTERIOR FINISHES, FLOORS, BLEACHERS, ETC. FROM DEBRIS, DUST, WELD SPLATTER, AND ALL OTHER POTENTIAL DAMAGE FROM CONSTRUCTION

DEMOLITION NOTES:

- REMOVE EXISTING ROOF MEMBRANE, INSULATION, DECK.
- REMOVE EXIST. CEILING & SOFFITS. CAREFULLY REMOVE ALL WOOD TRIM, AND PRESERVE FOR RE-INSTALLATION. COORDINATE RE-FINISH OF WOOD WITH OWNER. RECORD LOCATION OF ALL WOOD TRIM, AND ALL OTHER CEILING FEATURES TO AID IN REINSTALLATION. REMOVE LIGHTS, FANS, MASS NOTIFICATION EQUIPMENT, FIRE ALARM EQUIPMENT, AND ALL OTHER ELECTRIC DEVICES. STORE SAFELY FOR RE-INSTALLATION. CLEARLY MARK, TERMINATE, AND PROTECT ALL WIRES. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ELECTRICAL CODE, BY LICENSED ELECTRICIANS.
- ABOVE STAGE OPENING, REMOVE WALL AS NECESSARY FOR NEW JOIST GIRDER INSTALLATION. CAREFULLY REMOVE ALL WOOD TRIM, AND PRESERVE FOR RE-INSTALLATION. UPON RE-INSTALLATION, REMOVE AS MUCH SAG AS POSSIBLE. COORDINATE RE-FINISH OF WOOD WITH OWNER.
- REMOVE RAFTERS, REMOVE INFILL BRICK AT WALLS BETWEEN RAFTERS, DO NOT DAMAGE PARAFETS, EXTERIOR BRICK, OR CONCRETE BAND.
- REMOVE BELLY TRUSSES.
- REMOVE EXISTING TIMBER TRUSS
- BID ALTERNATE 1: REPLACE EXISTING TRUSS WITH NEW JOIST GIRDER
- REMOVE EXISTING PENTHOUSE
- REMOVE EXISTING ROOF DRAINS & LEADERS. PRESERVE & PROTECT VERTICAL LEADERS FOR USE IN REVISED ARRANGEMENT.
- SEE PROJECT SPECIFICATIONS AND INDEPENDENT ROOF SERVICES DRAWINGS FOR MORE INFO.
- REMOVE EXIST. BLOCKING AS REQUIRED FOR NEW JOIST/ TRUSS/ JOIST GIRDER BEARING.
- TEMPORARILY REMOVE MASONRY FOR REMOVAL OF EXIST. TRUSS.

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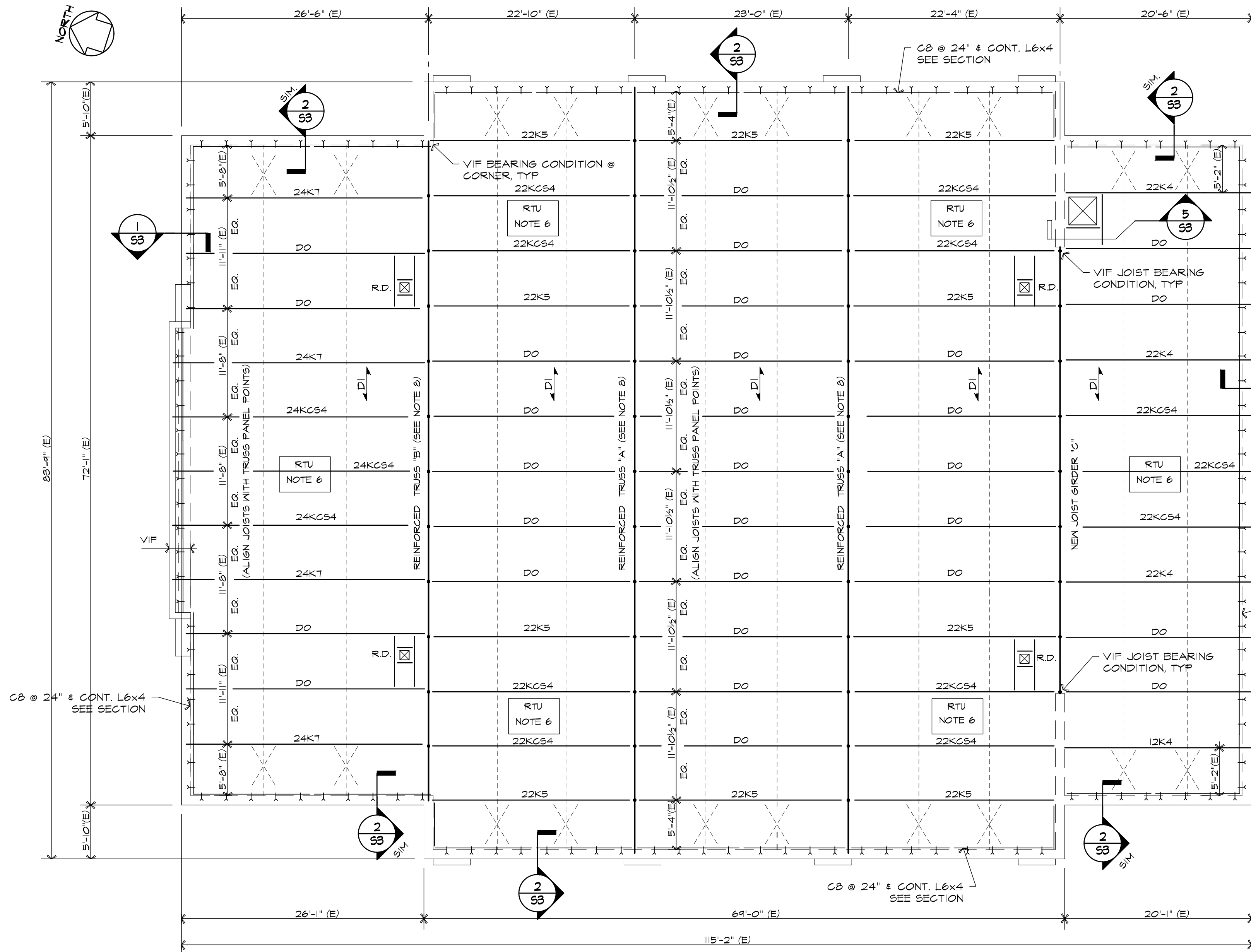
Farmington Community Center
Structural Improvements and Reroofing
Farmington, Maine

STATE OF MAINE
THADDEUS P. GABRYSZEWSKI
REGISTERED PROFESSIONAL ENGINEER
NO. 10295

ROOF DEMOLITION PLAN

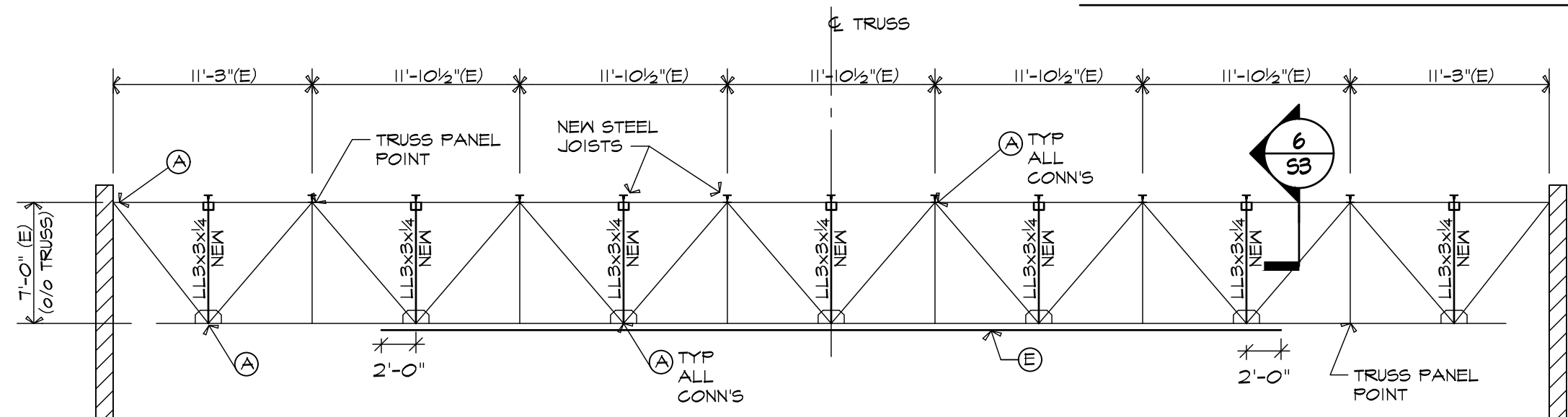
Lincoln / Haney
Engineering Associates, Inc.
14 Maine Street, Suite 301 / Box 7
Brunswick, Maine 04011
Phone: 207-729-1061 Fax: 207-729-2941

S1



ROOF FRAMING PLAN

1/8"=1'-0"

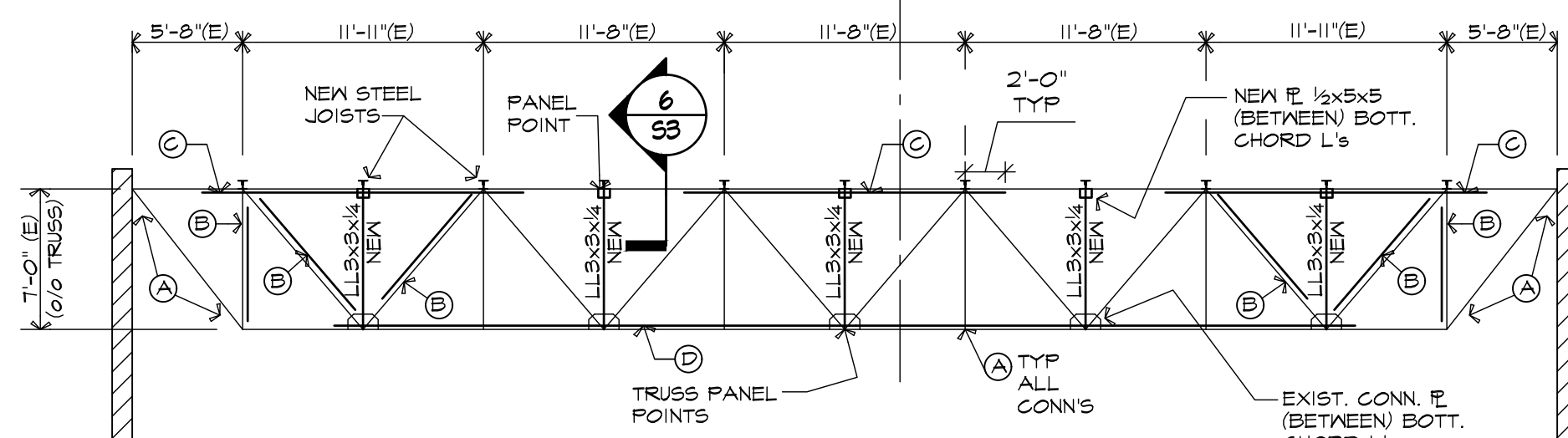


TRUSS "A" REINFORCING

FOR BID ALTERNATE JOIST GIRDER "A"

SERVICE LEVEL DESIGN LOADS P _f	DL = 2.1 KIPS SL = 10.5 KIPS UPLIFT = 1.38 KIPS (NET)
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NOTE: JOIST GIRDER SHALL BE DESIGNED FOR UPLIFT WITHOUT BOTTOM CHORD BRIDGING



TRUSS "B" REINFORCING

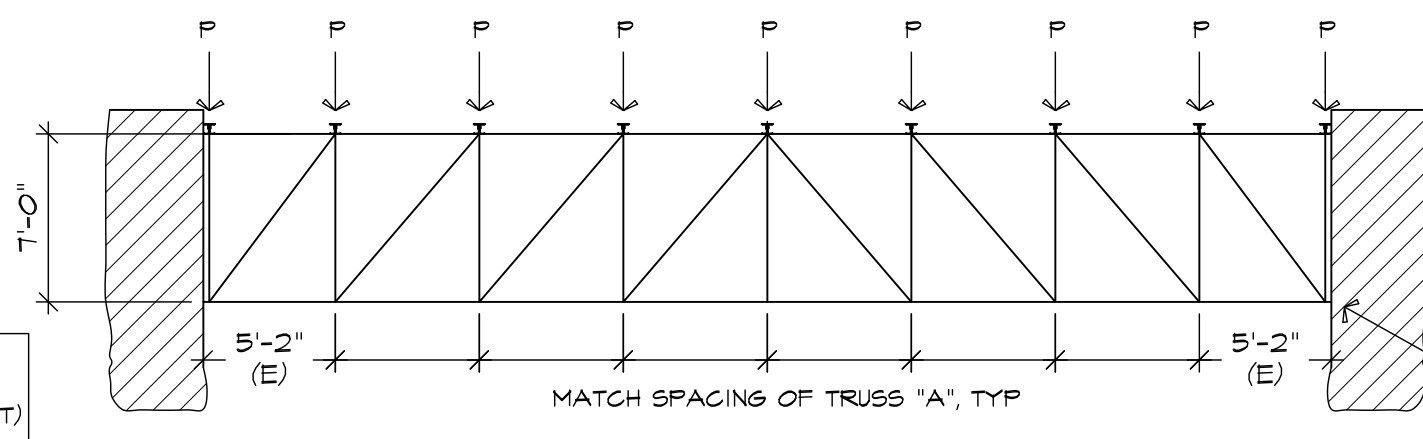
FOR BID ALTERNATE JOIST GIRDER "B"

SERVICE LEVEL DESIGN LOADS P _f	DL = 2.3 KIPS SL = 11.5 KIPS UPLIFT = 1.5 KIPS (NET)
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NOTE: JOIST GIRDER SHALL BE DESIGNED FOR UPLIFT WITHOUT BOTTOM CHORD BRIDGING

SERVICE LEVEL DESIGN LOADS P _f	DL = 2.0 KIPS SL = 10 KIPS UPLIFT = 1.35 KIPS (NET)
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NOTE: JOIST GIRDER SHALL BE DESIGNED FOR UPLIFT WITHOUT BOTTOM CHORD BRIDGING



NEW JOIST GIRDER "C"

1/8"=1'-0"

SHEET NOTES:

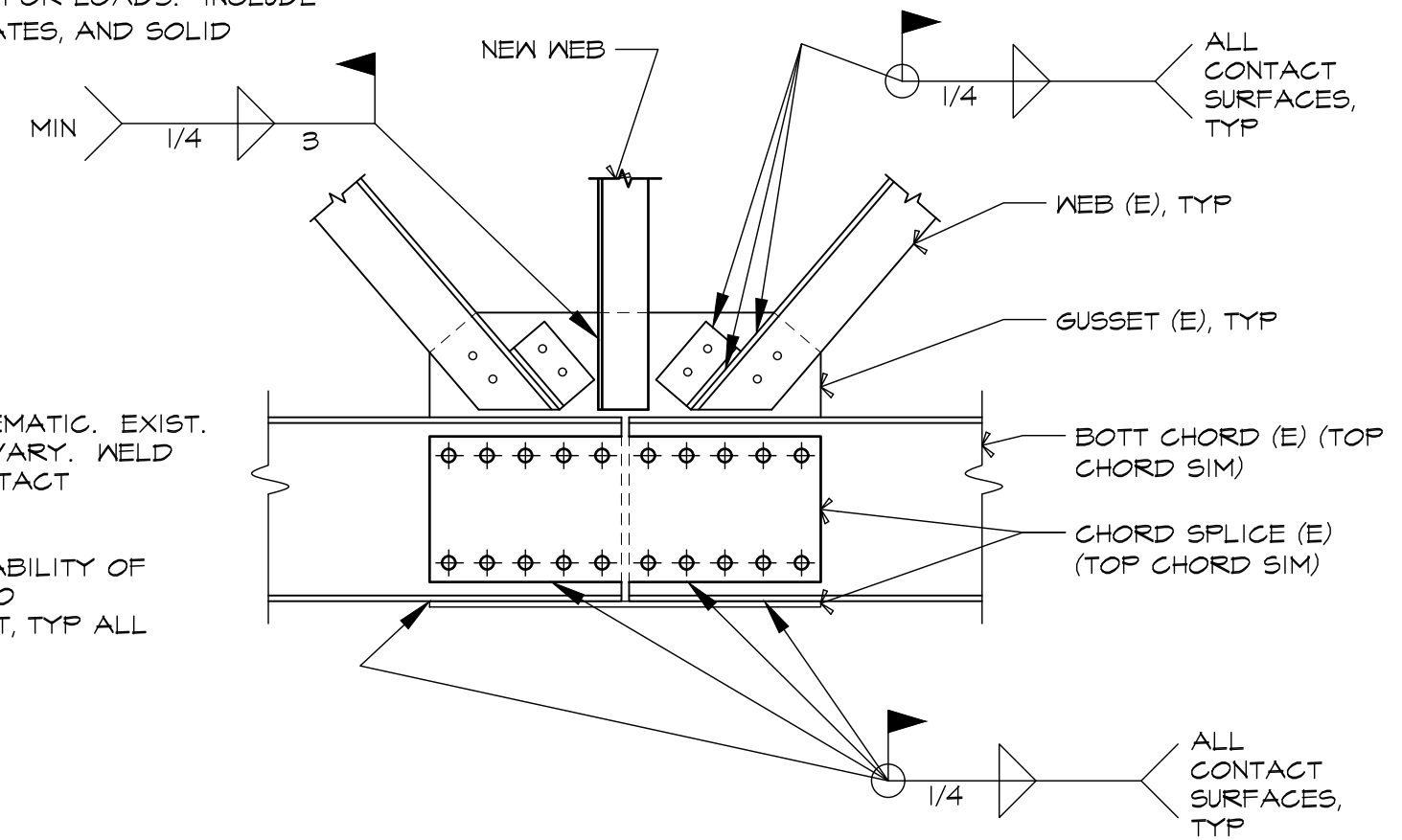
- SEE SHEET S0.1 FOR GENERAL NOTES. SEE INDEPENDENT ROOF SERVICES DRAWINGS FOR ROOFING, PARAPET, AND MORE INFO.
- SECTIONS, NOTES, AND DETAILS SHOWN ON DRAWING SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
- EXISTING RAFTERS, DECK, TRUSSES, ETC. BRACE EXTERIOR & INTERIOR WALLS. G.C. SHALL SHORE EXISTING WALLS PRIOR TO DEMOLITION. SHORING DESIGN IS BY G.C. SUBMIT SHORING PLAN FOR APPROVAL PRIOR TO START OF WORK. SEE NOTE 3 OF "GENERAL NOTES", S0.1
- THE PROJECT RE-USES EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY IN FIELD ALL DIMENSIONS, PLUMBNESS, AND ELEVATIONS PRIOR TO CONSTRUCTION, AND NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES.
- PROVIDE 5" DEEP SEATS & BOTTOM CHORD EXTENSIONS FOR ALL JOISTS.
- "RTU" DENOTES LOCATION OF FUTURE ROOF TOP MECHANICAL UNIT. TOTAL ASSUMED WEIGHT FOR RTU, CURB, AND DUCTING = 800 LB. SUPPORT AT PANEL POINTS OF JOISTS, ONLY. SEE DETAIL.
- SEE INDEPENDENT ROOF SERVICES DRAWINGS FOR ROOF DRAIN INFORMATION. PROVIDE SUPPORT FRAME PER X/SS. PROVIDE COMPLETE ROOF DRAIN SYSTEM THAT TIES INTO EXISTING ROOF DRAINS. INSULATE ALL HORIZONTAL LINES (CONDENSATION CONCERN).
- PROVIDE BID ALTERNATE FOR NEW JOIST GIRDERS TO REPLACE TRUSS A AND TRUSS B IN LIEU OF REINFORCING. SEE DIAGRAMS FOR LOADS. INCLUDE NEW BRG PL 3/8", WELDS TO PLATES, AND SOLID GROUTING OF EXISTING PIERS.

LEGEND

VIF	VERIFY IN FIELD
UNO	UNLESS NOTED OTHERWISE
(E)	EXISTING DIMENSION OR STRUCTURE ELEMENT. VERIFY IN FIELD (VIF)
R.D.	ROOF DRAIN & SUPPORT FRAME. SEE NOTE 7
↑	EXISTING TRUSS PANEL POINT, VIF
→ DL	DENOTES SPAN DIRECTION OF 1.5 B DECK, 22 GA GALVANIZED ROOF DECK
---	DENOTES JOIST BRIDGING

NOTE:
DETAIL IS SCHEMATIC. EXIST.
CONNECTIONS VARY. WELD
ALL EXIST CONTACT
SURFACES.

VERIFY WELD-ABILITY OF
STEEL PRIOR TO
REINFORCEMENT, TYP ALL
STEEL.



A CONNECTION REINFORCEMENT SCHEMATIC

1"=1'-0"

TRUSS REINFORCING SCHEDULE

MARK	DESCRIPTION	REMARKS
(B)	WEB REINFORCEMENT LL 2 1/2x2x4	10" CONT @ EA END 1/4 1/2#6 NEW WEB (E)
(C)	CHORD REINFORCEMENT LL 2x2x3/8	12" CONT @ EA END 1/4 1/2#6 NEW TOP CHORD (E)
(D)	CHORD REINFORCEMENT LL 5x3x1/4	12" CONT @ EA END 1/4 1/2#6 NEW BOTTOM CHORD (E)
(E)	CHORD REINFORCEMENT LL 3x3x1/4	12" CONT @ EA END 1/4 1/2#6 NEW BOTTOM CHORD (E)

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S2

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Structural Improvements and Reroofing
Farmington, Maine

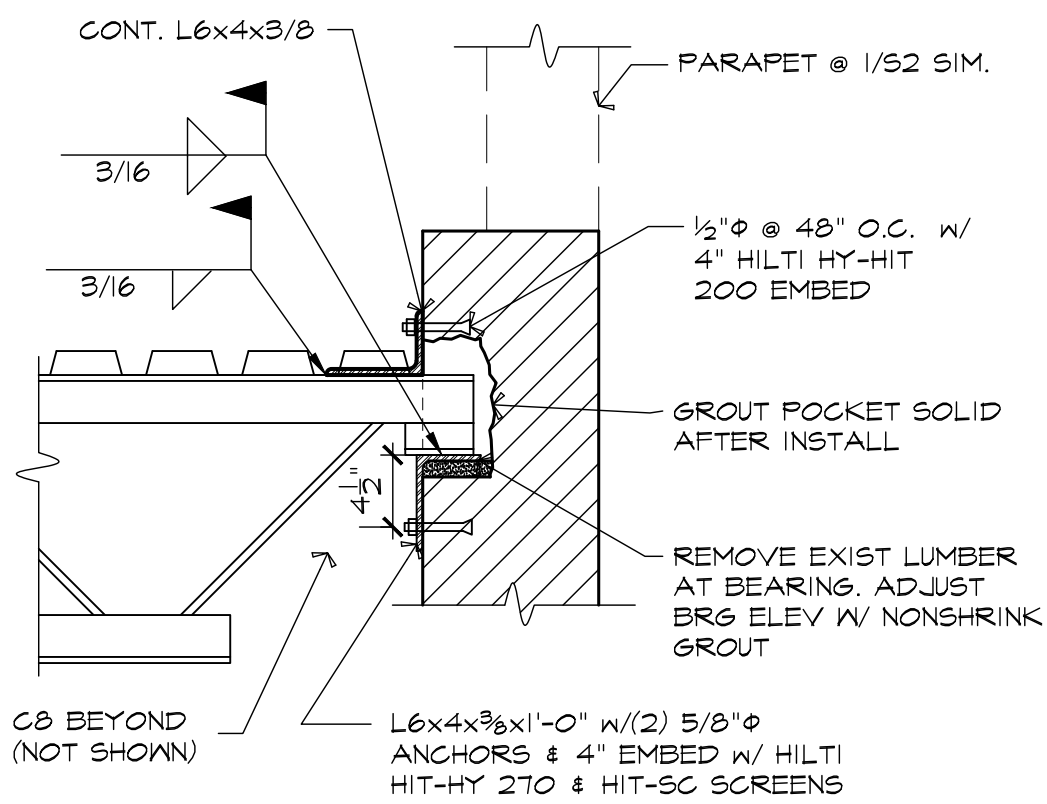
ROOF FRAMING PLAN

NO. 0

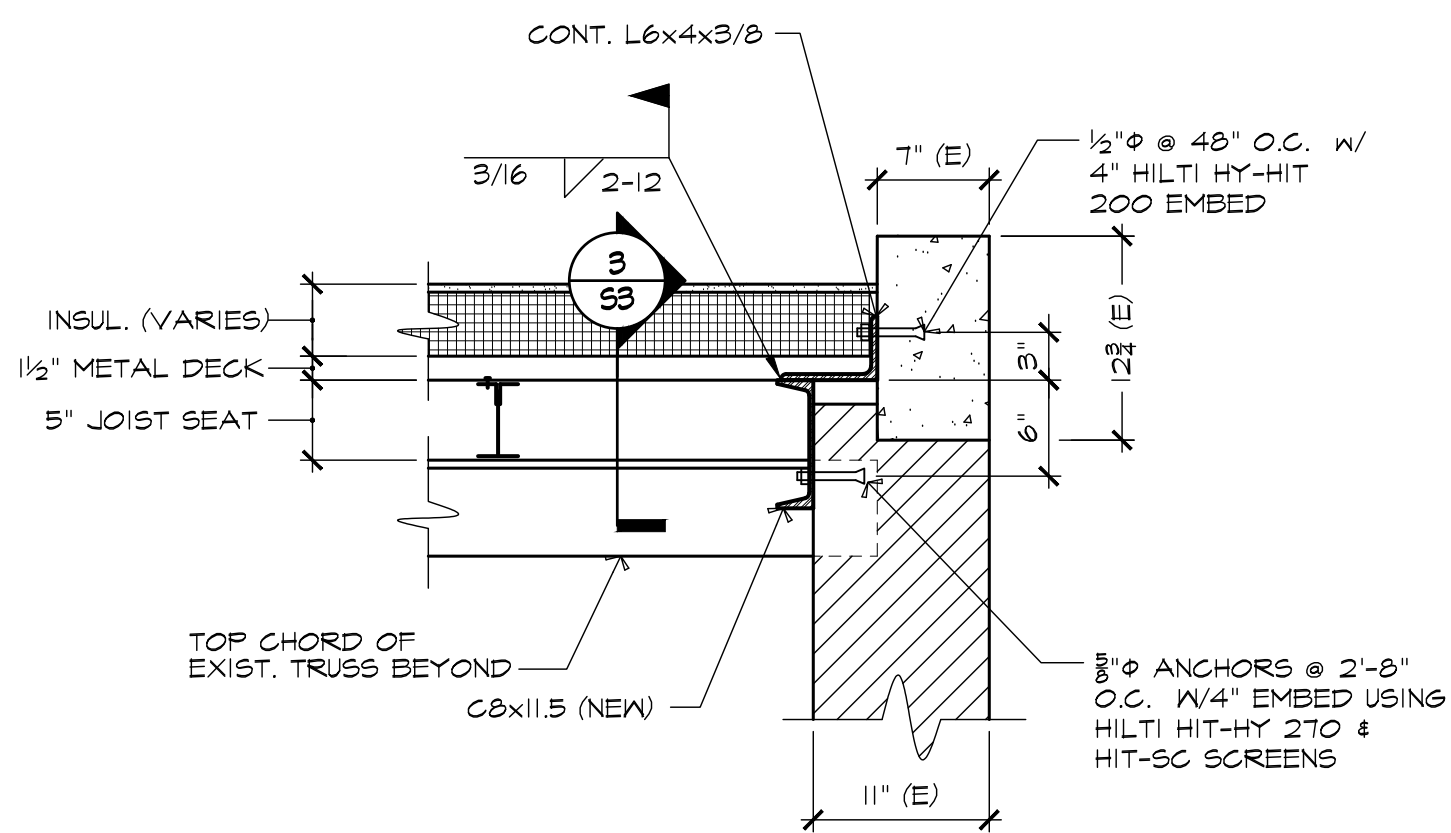
DATE 5-24-23

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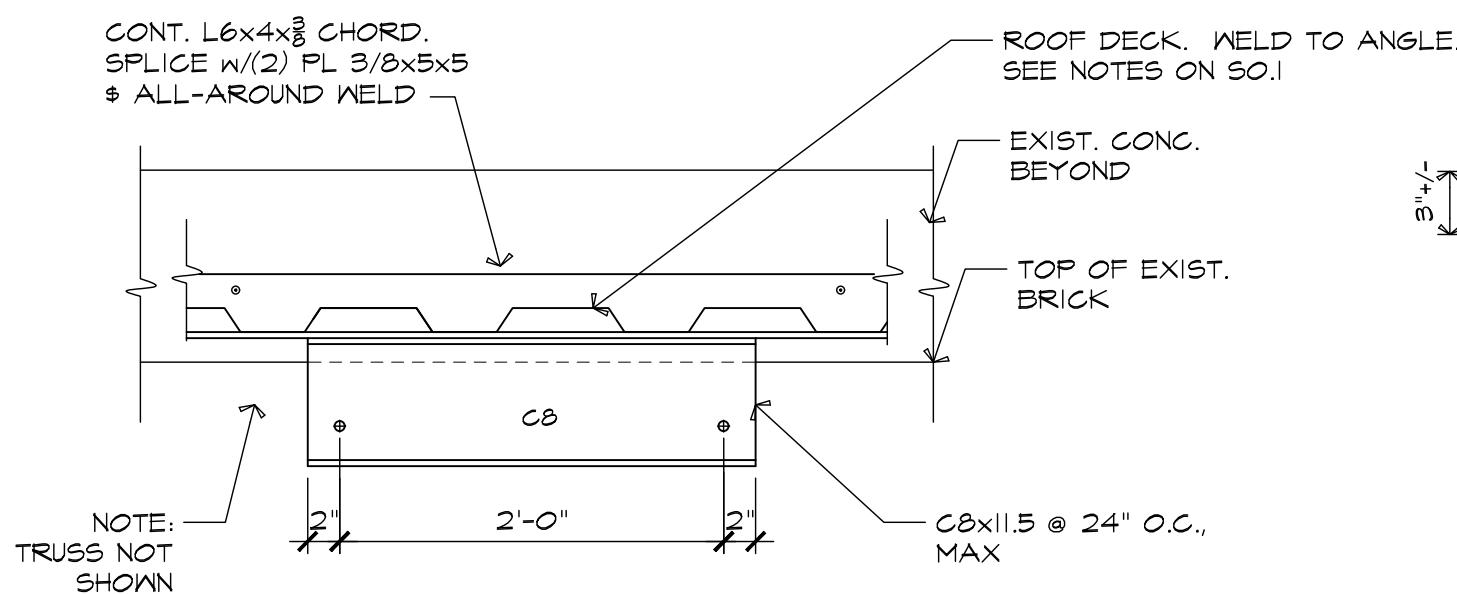
REVISION



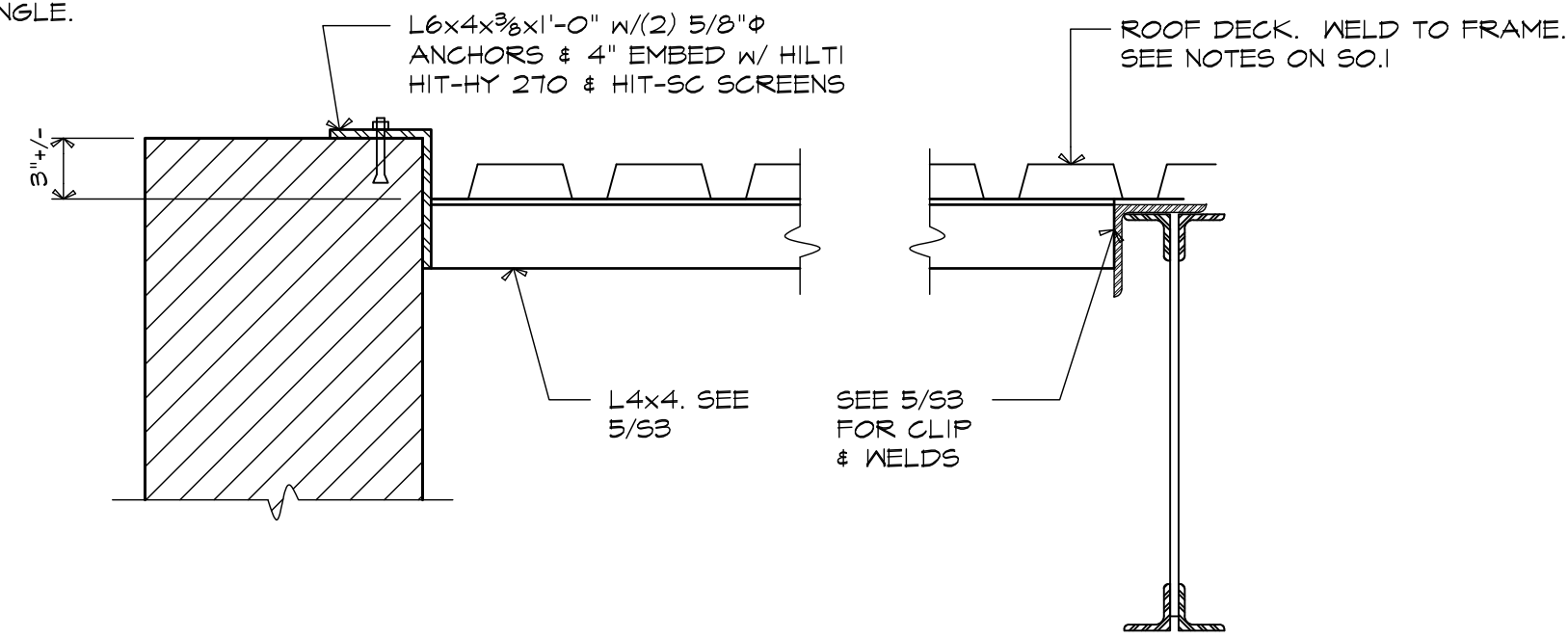
1
S3 SECTION
1-1/2"=1'-0"



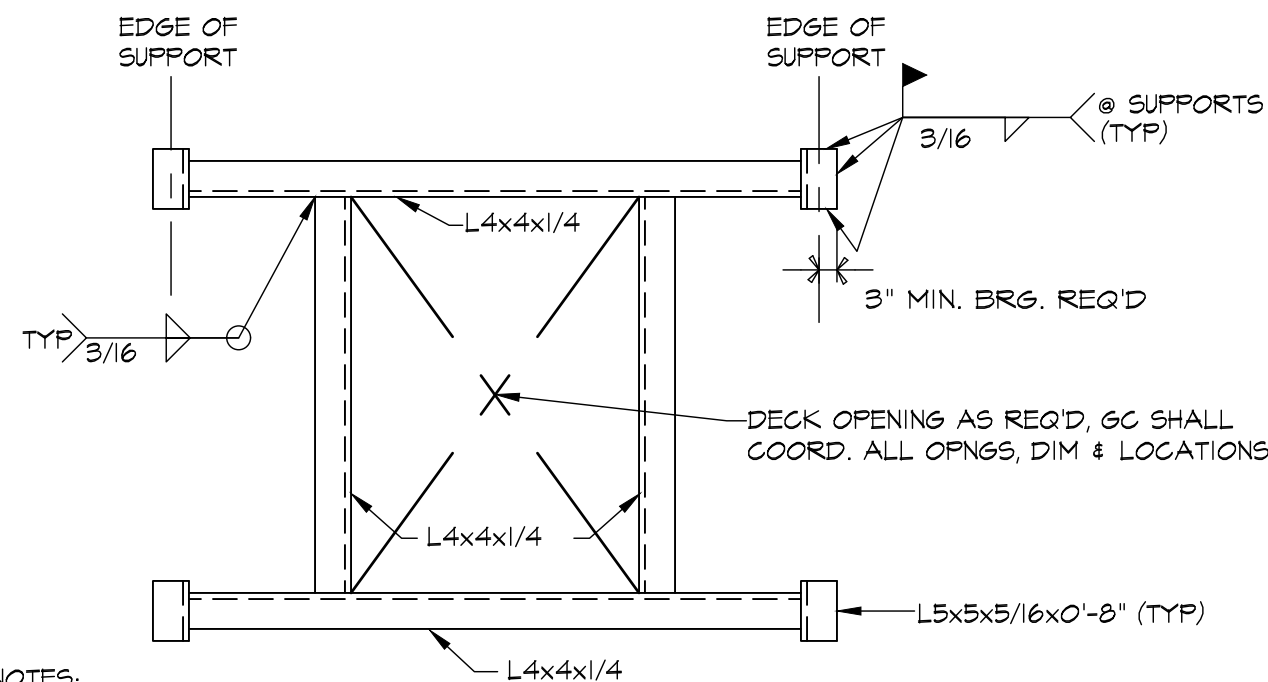
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S3 SECTION
1"=1'-0"



3
S3 SECTION
1"=1'-0"

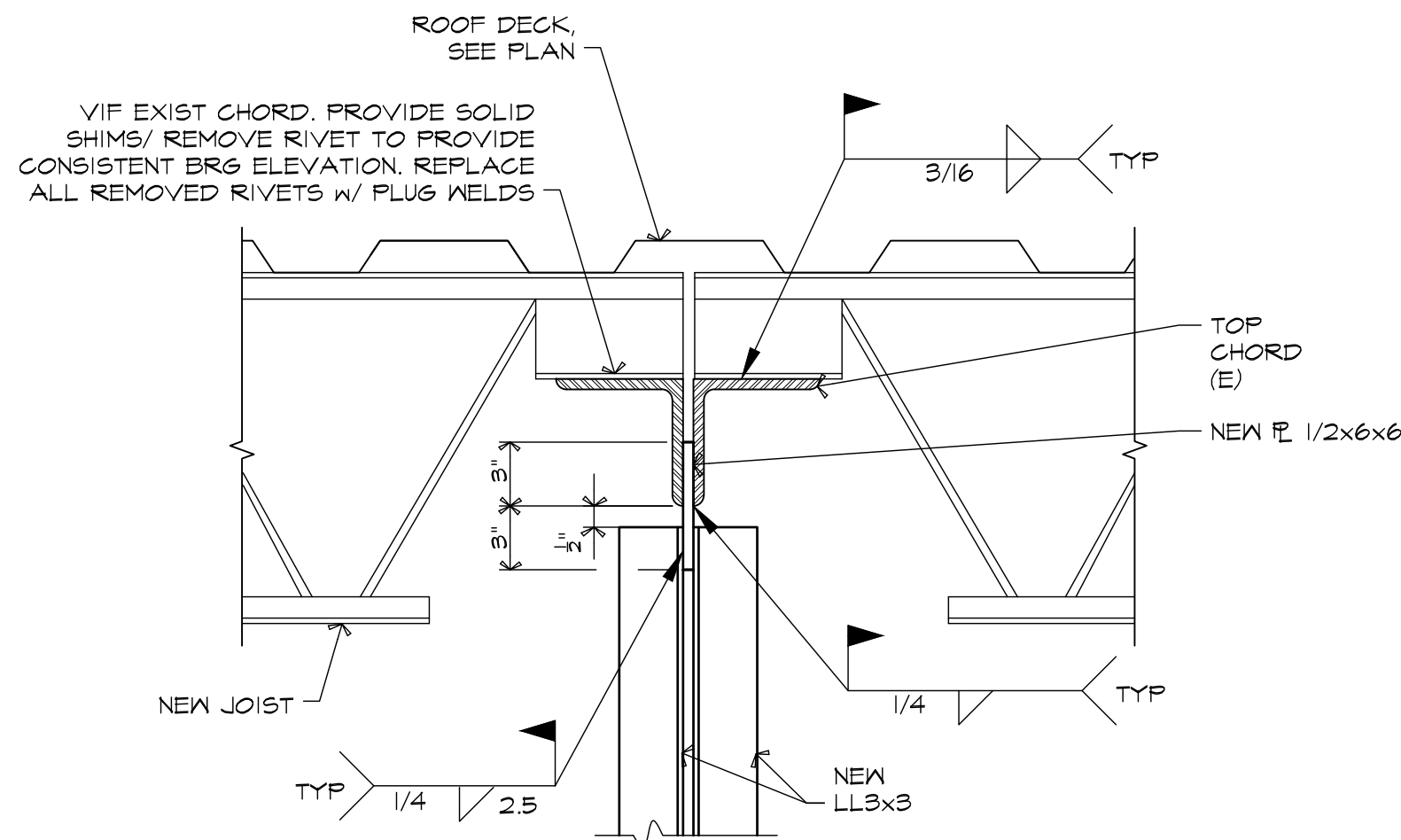


4
S3 SECTION
1"=1'-0"



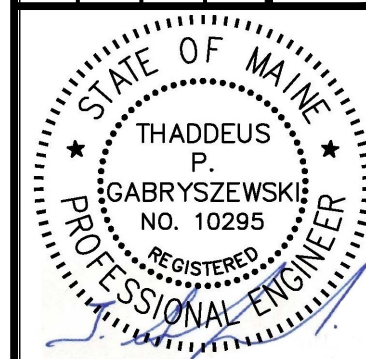
- NOTES:
1. 1, 2, 3, OR 4 SIDED FRAMES MAY BE USED AS REQUIRED. ALSO, LOOSE INTERIOR MEMBERS MAY BE USED FOR ADDED ADJUSTMENT.
2. FRAME SHALL BE PROVIDED FOR ALL OPNGS LARGER THAN 12" φ AT ROOF DECK.

5 ROOF DECK OPENING FRAME
N.T.S.



6
S3 SECTION
1-1/2"=1'-0"

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CHECKED BY
DESIGNED BY
DATE
PROJECT NO.

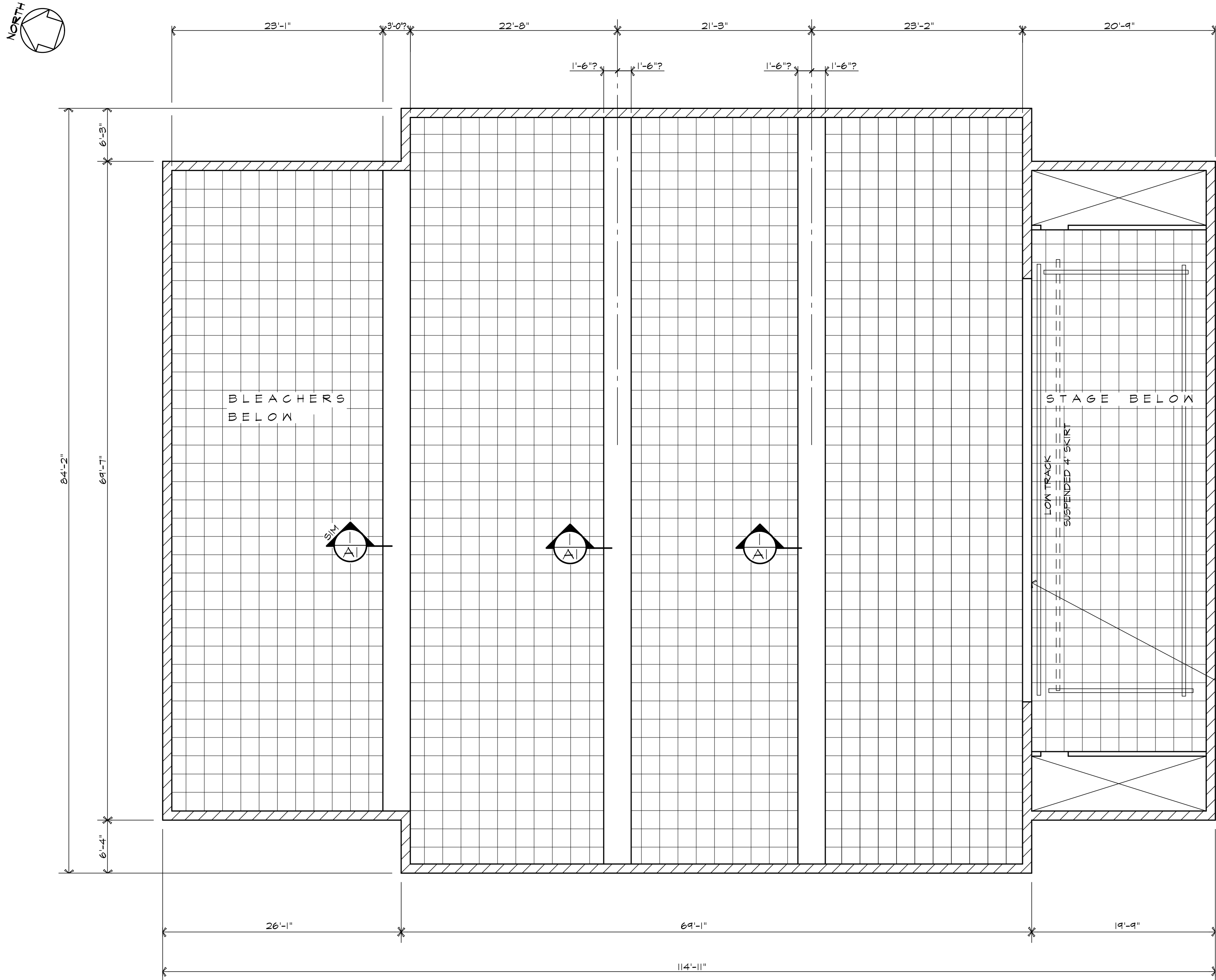


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S3

Farmington Community Center
Structural Improvements and Reroofing
Farmington, Maine
SECTIONS AND DETAILS

NO.	DATE	REVISION
0	5-24-23	ISSUED FOR CONSTRUCTION

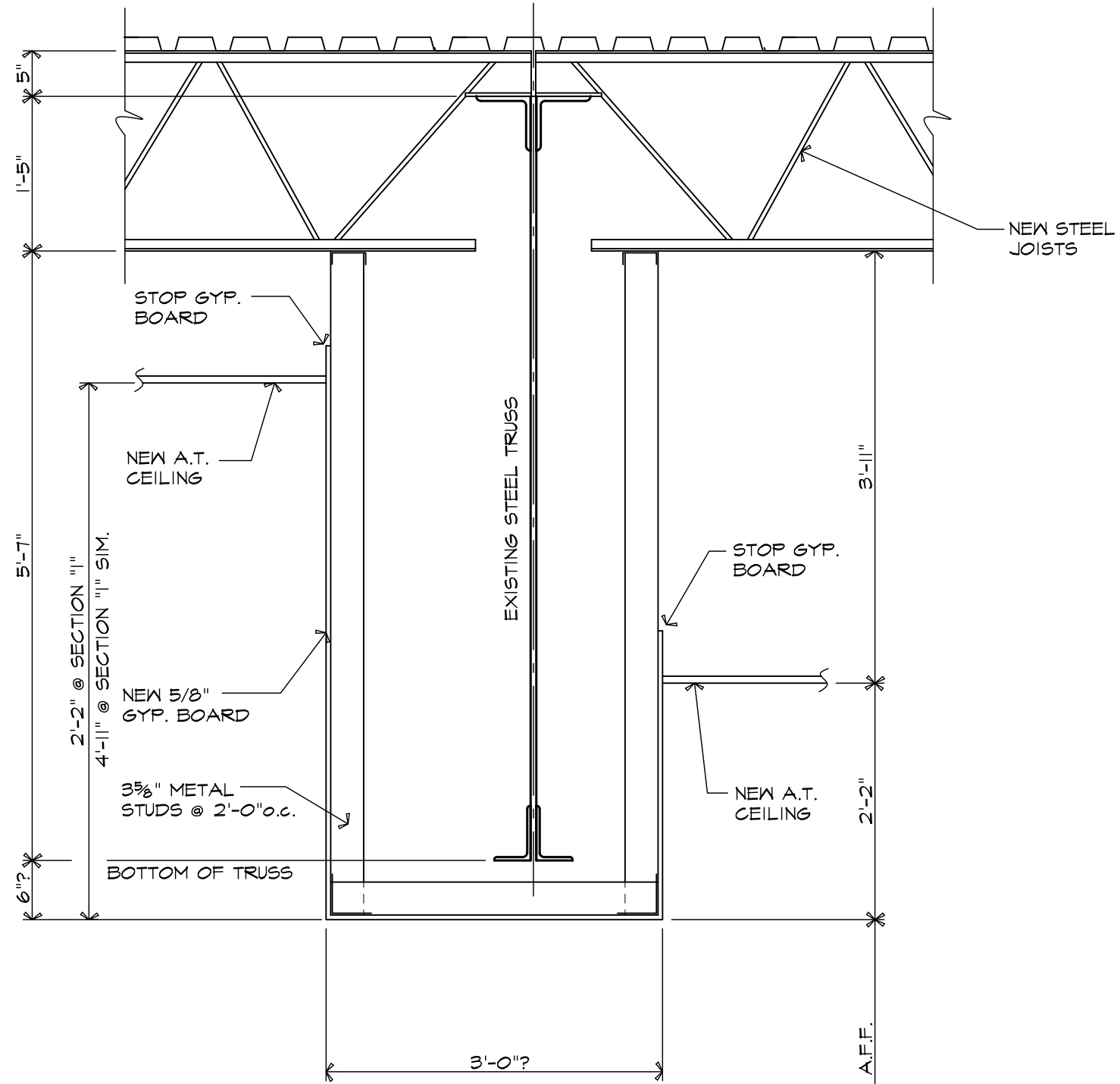


REFLECTED CEILING PLAN

1/8"=1'-0"

NOTE: LIGHTS, FANS, FIRE ALARM, ETC. NOT SHOWN ON PLAN. REINSTALL ALL LIGHTS, FANS, MASS NOTIFICATION, FIRE ALARM, AND ALL ELECTRICAL DEVICES REMOVED DURING DEMOLITION. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE ELECTRICAL CODE, AND PERFORMED BY LICENSED ELECTRICIANS.

RE-BUILD WALL ABOVE STAGE AS REQUIRED FOR NEW JOIST GIRDER. USE WALL CONSTRUCTION SIMILAR TO 1/A1. REINSTALL EXISTING WOOD TRIM. REMOVE AS MUCH SAG IN TRIM AS POSSIBLE. COORDINATE RE-FINISHING OF WOOD TRIM WITH OWNER.



SECTION
3/4"=1'-0"

NOTE: THE INTENT OF THE NEW TRUSS ENCLOSURES IS TO MATCH THE SIZE OF THE EXISTING ENCLOSURES. WOOD TRIM ON EXISTING ENCLOSURES SHALL BE CAREFULLY REMOVED AND RE-INSTALLED.

- Gypsum Drywall**
- Interior drywall shall be 5/8" Type X, finished to receive paint.
- Painting**
- Sherrin Williams products are the basis of design for primer and finish paint. Other acceptable manufacturers include Benjamin Moore, Pratt & Lambert, and Devco
 - Gypsum Board
 - Primer: Apply 1 coat of PrepRite 200 Latex Primer
 - Finish: Apply 2 coats ProMar 200 Interior Alkyd Egg - shell. Coord. color w/ owner
- Acoustical Ceilings**
- Provide and install 2x2' suspended grid with 5/8" lay - in tiles, USG Rock Face ClimaPlus ceiling panels or approved equal.

Note: Provide samples of all finish materials & colors for Owner's approval.

NO.	DATE	REVISION
0	5-24-23	ISSUED FOR CONSTRUCTION

NOF

TFG

ISSUE DATE

5-24-23

PROJ. NO.

2022 074

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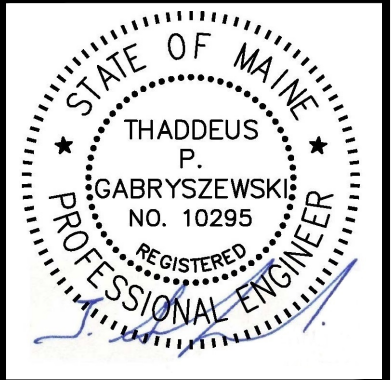
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Farmington Community Center

Structural Improvements and Reroofing

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CEILING PLAN AND DETAILS



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A1