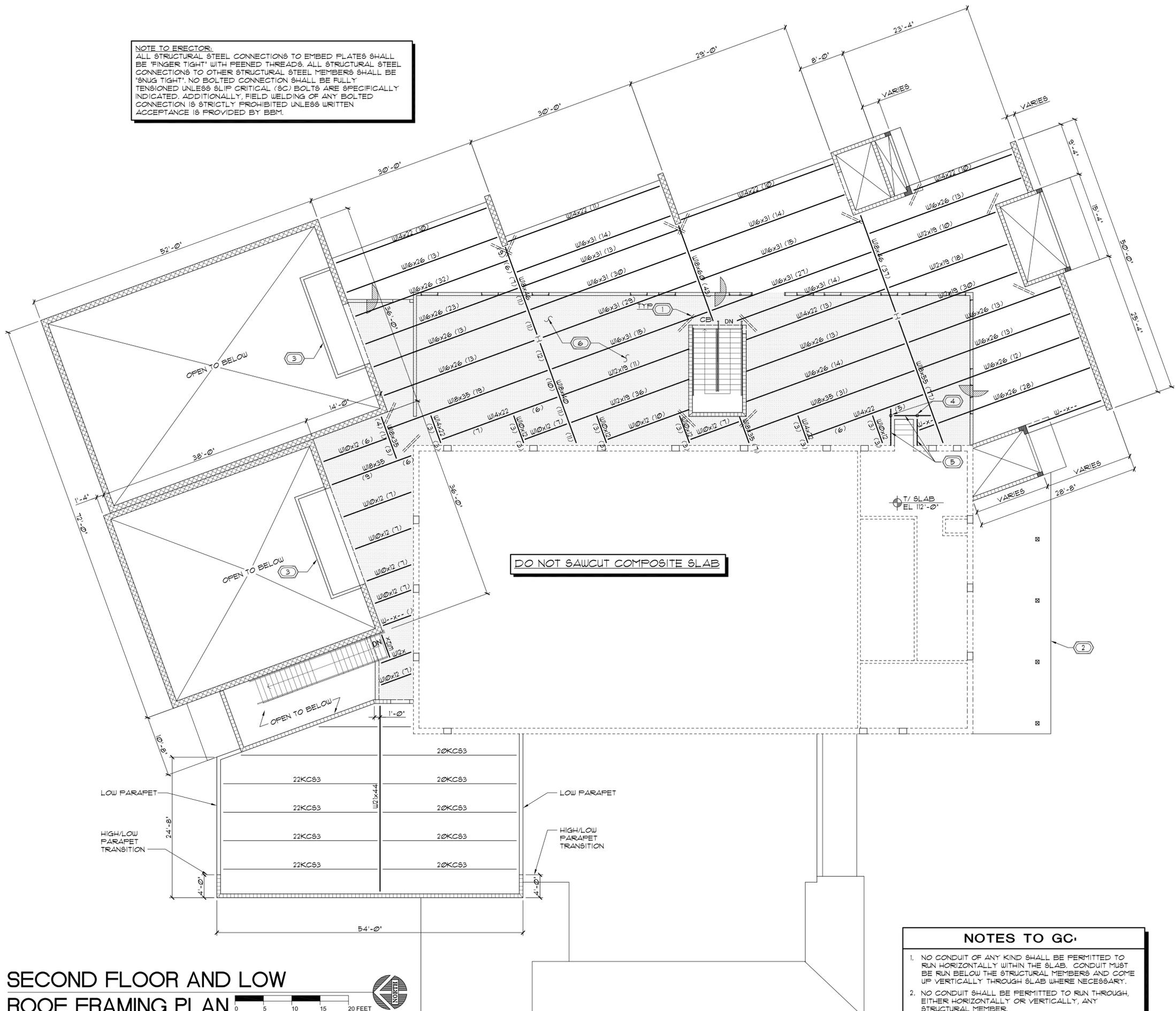


NOTE TO ERECTOR:
 ALL STRUCTURAL STEEL CONNECTIONS TO EMBED PLATES SHALL BE "FINGER TIGHT" WITH FEENED THREADS. ALL STRUCTURAL STEEL CONNECTIONS TO OTHER STRUCTURAL STEEL MEMBERS SHALL BE "SNUG TIGHT". NO BOLTED CONNECTION SHALL BE FULLY TENSIONED UNLESS SLIP CRITICAL (SC) BOLTS ARE SPECIFICALLY INDICATED. ADDITIONALLY, FIELD WELDING OF ANY BOLTED CONNECTION IS STRICTLY PROHIBITED UNLESS WRITTEN ACCEPTANCE IS PROVIDED BY BMM.



- FLOOR FRAMING PLAN NOTES:**
- FLOOR SLAB SHALL BE AN UNSHORED 5' (TOTAL DEPTH) CONC SLAB REINF W/ 6x6-W2.IXU2.1 WUF ON 1 1/2"-20ga GALV G90 COMPOSITE METAL DECK, (3) SPAN MIN.
 NOTE 1: A BLEND OF STEEL AND POLYPROPYLENE FIBERS (NOVOMESH 850) IS AN ACCEPTABLE ALTERNATIVE TO WELDED-WIRE FABRIC. FIBERS SHALL BE AS MANUFACTURED BY PROPEX CONCRETE SYSTEMS (OR APPROVED EQUAL) APPLIED AT A RATE OF 24 lbs/CY. OPTIONALLY, FIBERMESH 650 APPLIED AT A RATE OF 4 lbs/CY OR HELIX 5-25 APPLIED AT A RATE OF 1 lbs/CY ARE ALSO ACCEPTABLE.
 NOTE 2: IF 3" SPAN CONFIGURATION CANNOT BE ACCOMMODATED, 1 1/2" GALV G90 MTL DECK MUST BE USED.
 NOTE 3: DECK SHALL NOT BE PLACED CONTINUOUS OVER THE GIRDER BEAMS. TERMINATE AND START DECK ON EACH SIDE OF GIRDER BEAM AS SHOWN ON NOTE C36 ON SHT 5-02.
 - T/ SLAB EL = 114'-0" (TYP, UNO)
 - T/ STEEL EL = 113'-1"
 - (*) SHOWN BY STL BEAM CALLOUT ON PLAN INDICATES NUMBER OF 3/4" (4) LONG HEADED STUDS (SEE GENERAL NOTES FOR STUD LAYOUT ON BEAMS).
 - BEAM CAMBER IS DESIGNATED AS 'C-' FOR EACH BEAM REQUIRING CAMBER.
 - BEAM END REACTIONS AS SHOWN ON PLAN ARE ULTIMATE REACTIONS (ALREADY FACTORED).
 - BEAMS AND DECK HAVE BEEN DESIGNED TO BE UNSHORED.
 - ALL WIDE FLANGE MEMBERS SHALL BE CONNECTED TO THE SUPPORTING STRUCTURE AS DETAILED IN CONNECTION SCHEDULES ON SHEET [5] UNLESS SPECIFICALLY NOTED OTHERWISE ON PLAN(S). ANY FLOOR MEMBER SUPPORTING ANOTHER FLOOR MEMBER SHALL BE CONNECTED AS DETAILED IN DOUBLE SHEAR SCHEDULES [78] AND [79]. SINGLE SHEAR CONNECTIONS AS DETAILED IN SCHEDULES [78] AND [79] SHALL ONLY BE USED FOR FLOOR MEMBERS SUPPORTING DECK/SLAB ONLY (I.E. FILLER BEAMS) OR AS SPECIFICALLY IDENTIFIED ON PLAN OR SECTION.

- FLOOR FRAMING PLAN KEY NOTES:**
- (1) (2) 4x4'-0" LONG @ 3' OC PLACED 2' CLR FROM CORNER, CENTERED IN SLAB (TYP WHERE SHOWN).
 - (2) COVERED WALK ROOF.
 - (3) PROJECTION ROOM.
 - (4) HANGER PIPE.
 - (5) HIGH & LOW BEAM AROUND STAIR.
 - (6) SHADED AREA INDICATES BUILT-UP FLOOR OVER THE COMPOSITE STRUCTURE.

- NOTES TO GC & OWNER:**
- SELECTION OF AN AISC CERTIFIED FABRICATOR IS HIGHLY RECOMMENDED (SEE NOTE 4 BELOW FOR ADDITIONAL REQUIREMENTS IF A NON-AISC FABRICATOR IS SELECTED).
 - ALL STEEL FABRICATION SHALL MEET AISC TOLERANCES AND STANDARD PRACTICE GUIDELINES.
 - A CAMBER REPORT SHALL BE PROVIDED FOR REVIEW BY ALL APPLICABLE PARTIES. THIS REPORT SHALL TABULATE BEAM MARK, BEAM SIZE, SPECIFIED CAMBER AND INDUCED CAMBER. THIS REPORT SHALL BE PREPARED AFTER THE STEEL HAS COMPLETED ALL PROCESSES OF FABRICATION AND IMMEDIATELY PRIOR TO TRANSPORTATION.
 - IF A NON-AISC CERTIFIED FABRICATOR IS SELECTED, IN ADDITION TO ABOVE MENTIONED REQUIREMENTS THE OWNER SHALL HIRE A THIRD PARTY TESTING AND INSPECTION AGENCY TO WITNESS THE CAMBER RECORDING ACTIVITY AS MENTIONED ABOVE AND SHALL BE GIVEN THE AUTHORITY TO STOP SHIPMENT OF BEAMS THAT FAIL TO MEET THE SPECIFIED CAMBER PLUS OR MINUS (+/-) THE AISC TOLERANCES.
 - AFTER ERECTION, BUT PRIOR TO PLACEMENT OF THE CONCRETE, CAMBER OF STEEL BEAMS SHALL BE MEASURED BY A REGISTERED SURVEYOR HIRED BY THE GC/CM AND REPORT SHALL BE PROVIDED FOR REVIEW BY ALL APPLICABLE PARTIES. IF THE MEASURED CAMBER IS LESS THAN 75% OF SPECIFIED CAMBER IN CONSTRUCTION DOCUMENTS, THE ENGINEER OF RECORD SHALL REQUIRE THE GC/CM TO PLACE SHORES UNDER BEAMS AT QUARTER SPAN POINTS.

- NOTES TO GC:**
- NO CONDUIT OF ANY KIND SHALL BE PERMITTED TO RUN HORIZONTALLY WITHIN THE SLAB. CONDUIT MUST BE RUN BELOW THE STRUCTURAL MEMBERS AND COME UP VERTICALLY THROUGH SLAB WHERE NECESSARY.
 - NO CONDUIT SHALL BE PERMITTED TO RUN THROUGH, EITHER HORIZONTALLY OR VERTICALLY, ANY STRUCTURAL MEMBER.
 - VERTICAL PENETRATIONS THROUGH THE SLAB, WHERE PERMITTED, MUST BE SLEEVED.

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WILLIAM R. BRASWELL, P.E.
 Florida Professional Engineer No. 41835

SECOND FLOOR AND LOW ROOF FRAMING PLAN

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ADDITIONS + MODIFICATIONS
ENZIAN THEATER
 MAITLAND, FLORIDA

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