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project name:
INTERIOR RENOVATION
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FOUNDATION
The University of Michigan
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COLD-FORMED STEEL FRAMING
CE5F1. DUE TO THE FACT THAT COLD-FORMED STEEL FRAMING VARIES WITH EACH MANUFACTURER, IT IS NOT POSSIBLE TO PROVIDE A COMPLETE LIST OF MANUFACTURERS. THE DESIGN ON THE CONSTRUCTION DOCUMENTS, THE COMPLETION OF THE DESIGN SHALL BE PERFORMED BY THE CONTRACTOR'S ENGINEER. THE CONTRACTOR'S DESIGN ENGINEER SHALL BE REGISTERED IN THE STATE OF MICHIGAN. THE CONTRACTOR'S ENGINEER SHALL BE EXPERIENCED IN COLD-FORMED STEEL DESIGN AND BE CAPABLE OF PROVIDING THE ARCHITECT A LIST OF PROJECTS DESIGNING AND CONSTRUCTING COLD-FORMED STEEL FRAMING WITHIN THE PAST FIVE YEARS. THE CONTRACTOR'S ENGINEER SHALL PROVIDE UPON REQUEST, THE NAME AND TELEPHONE NUMBER OF THE GENERAL CONTRACTOR FOR ANY OF THE LISTED PROJECTS.

CE5F2. SHOP DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE CONTRACTOR'S ENGINEER. ALL SHOP DRAWINGS SHALL BE SEALED AND SIGNED BY THE CONTRACTOR'S ENGINEER AND SUBMIT TO THE ARCHITECT AND LOCAL BUILDING CODE OFFICIAL FOR RECORD. CALCULATIONS MAY BE REQUESTED BY THE LOCAL BUILDING CODE OFFICIAL AND SHALL BE SUBMIT SEALED AND SIGNED BY THE CONTRACTOR'S ENGINEER.

CE5F3. SHOP DRAWINGS SHALL INCLUDE ALL INFORMATION REQUIRED FROM WHICH THE PROJECT CAN BE CONSTRUCTED. INCLUDE PLACING DRAWINGS FOR FRAMING MEMBERS SHOWING SIZE AND GAGE DESIGNATIONS, NUMBER, TYPE, LOCATION AND SPACING. INDICATE SUPPLEMENTAL STRAPPING, BRACING, SPLICES, BRIDGING, ACCESSORIES, AND DETAILS REQUIRED FOR PROPER INSTALLATION.

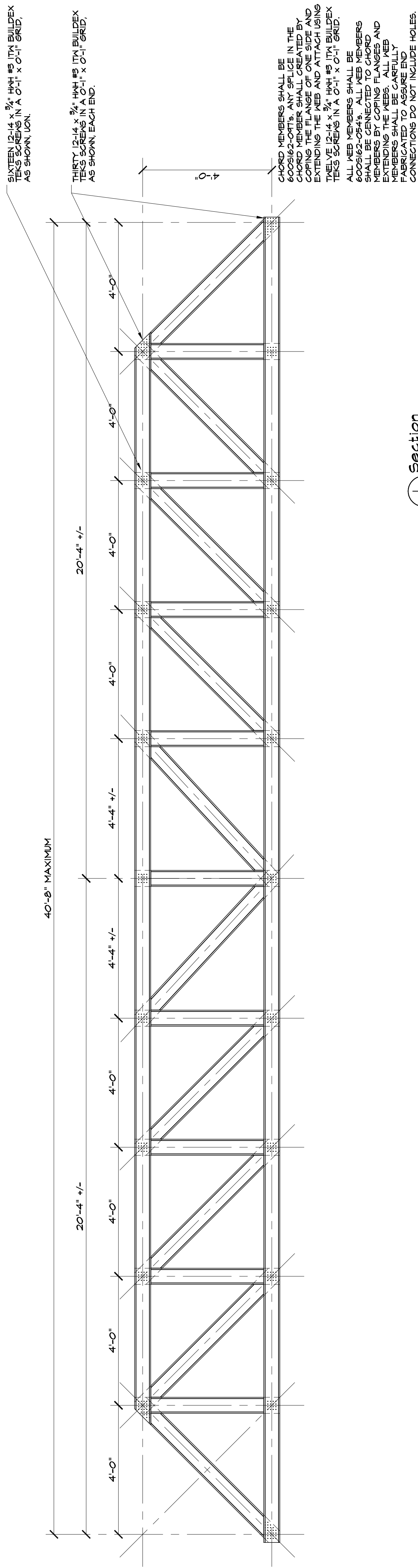
CE5F4. THE CONTRACTOR'S ENGINEER SHALL BE AVAILABLE FOR ALL FIELD INQUIRY. THE CONTRACTOR'S ENGINEER SHALL MINIMALLY VISIT THE SITE UPON COMPLETION OF THE INSTALLATION OF THE COLD-FORMED STEEL STUDS TO VERIFY THAT THE AS-BUILT CONSTRUCTION CONFORMS TO THE DESIGN INTENT OF THE CONSTRUCTION DOCUMENTS AND SHOP DRAWINGS.

CE5F5. COLD-FORMED STEEL STUDS SHALL BE PROVIDED IN CONFORMANCE WITH ASTM A663 AND C465 WITH A MINIMUM YIELD STRENGTH OF 53,000 PSI, MODULUS OF ELASTICITY OF 29,000,000 PSI, AND SHALL BE GALVANIZED TO A MINIMUM 600 COATING.

CE5F6. THE COLD FORMED STEEL STUDS SHOWN ON THE CONTRACT DOCUMENTS HAVE BEEN DESIGNED BASED UPON THE PUBLISHED PROPERTIES FOR COLD FORMED STEEL FRAMING PRODUCED BY THE CLARK STEEL FRAMING COMPANY. ALTERNATE MANUFACTURERS WILL BE CONSIDERED, PLEASE SUBMIT SUFFICIENT REFERENCE INFORMATION THAT THE EQUALITY OF THE ALTERNATE MANUFACTURER MAY BE QUICKLY VERIFIED. COLD-FORMED STEEL STUDS SHALL BE PROVIDED IN CONFORMANCE WITH ASTM A663 AND C465 WITH A MINIMUM YIELD STRENGTH OF 53,000 PSI, MODULUS OF ELASTICITY OF 29,000,000 PSI, AND SHALL BE GALVANIZED TO A MINIMUM 600 COATING.

CE5F7. UPON COMPLETION OF THE COLD-FORMED STEEL FRAMING CONSTRUCTION ALL DAMAGE TO THE GALVANIZED COATING SHALL BE REPAIRED USING A HIGH DUST CONTAINING PAINT OR AN EQUIVALENT GALVANIZED SURFACE COMPLYING WITH M-55. P-2005. REPAIRABLE PRODUCT IS ZINC GOLD GALVANIZING COMPOUND BY ZRC CHEMICAL COMPANY.

CE5F8. FABRICATE AND INSTALL COLD-FORMED STEEL FRAMING TO THE MOST STRINGENT TOLERANCE VARIATION FROM PLUMB, LEVEL, AND TRUE TO LINE OF ONE-EIGHTH INCH IN TEN FEET.



Section
SCALE: 1/2" = 1'-0"