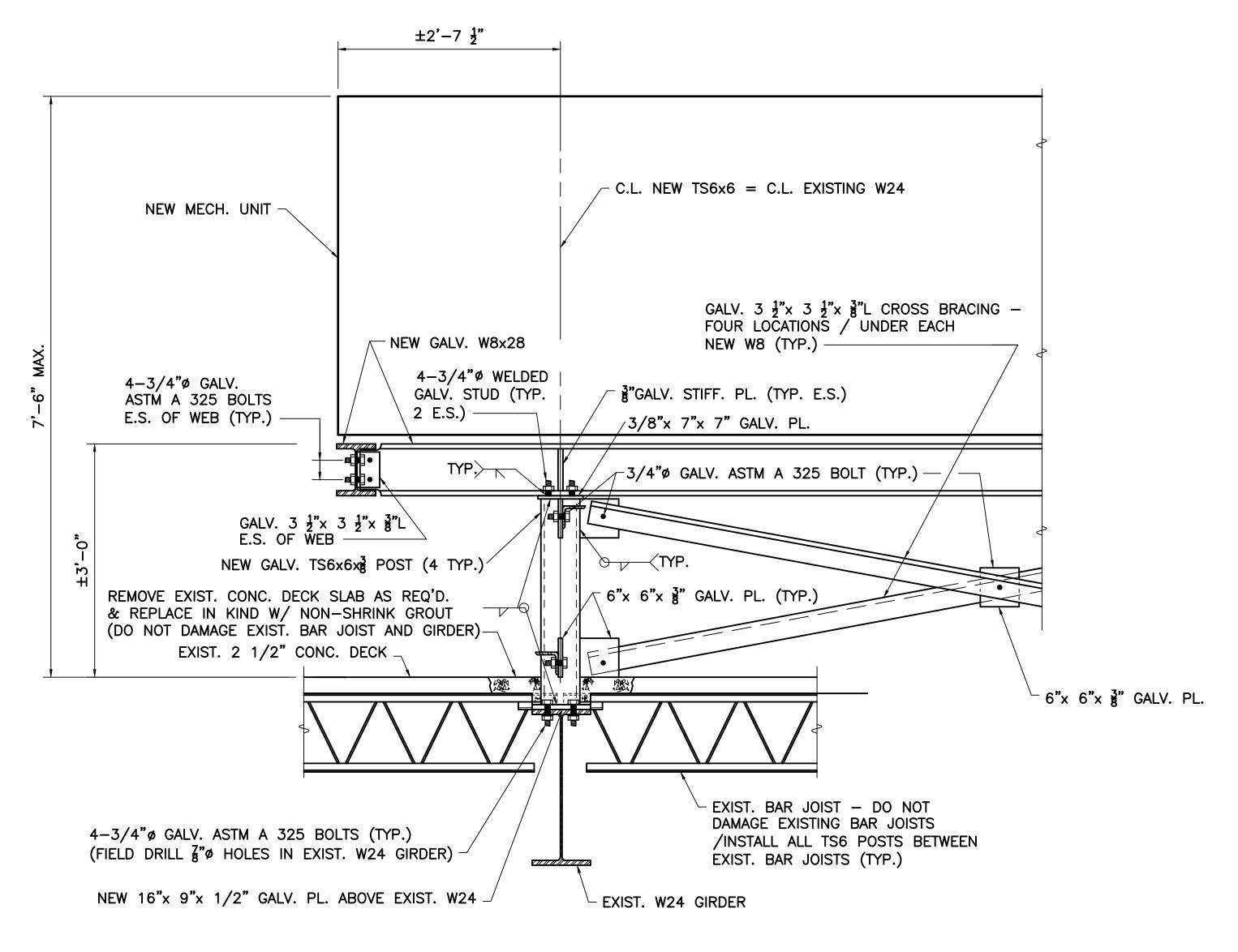


- 1. MAXIMUM WEIGHT OF NEW MECHANICAL UNIT SHALL NOT EXCEED
- 2. * INDICATES DIMENSION SHALL BE COORDINATED BY EQUIPMENT MANUF.

4,400 LBS. AND NOT EXCEED 7'-6" IN HEIGHT.

- 3. EXISTING CONSTRUCTION AND FRAMING MEMBERS SHOWN SCREENED (OUT OF FUNCTION) THUS: $\geq -----$
- 4. DESIGNED BASED ON EXISTING PLANS PROVIDED. SEE EXISTING PLANS FOR ADDITIONAL INFORMATION & LOCATION OF EXISTING MEMBERS: ROOF FRAMING PLAN DRAWING NO. 18 BY LOUIS WARREN ROSS ARCHITECT JUNE 6, 1955.



TYPICAL DETAIL: SECTION A—A
SCALE: 1"=1'-0"

GENERAL NOTES

<u>GENERAL</u>

STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE COMMONWEALTH OF MASSACHUSETTS STATE BUILDING CODE.

ALL DIMENSIONS SHOWN ON DRAWINGS GOVERN CONSTRUCTION UNLESS NOTED OTHERWISE.

DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO THOSE SHOWN FOR THE MOST NEARLY SIMILAR CONDITION AS DETERMINED BY THE ENGINEER.

EXISTING CONSTRUCTION

DIMENSIONS SHOWN ON EXISTING STRUCTURE AND DETAILS ARE TAKEN AT THE TIME OF FIELD INSPECTION AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND EXISTING DETAILS NECESSARY FOR COMPLETION OF ALL WORK BY FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THEREOF, AND SHALL NOT ORDER ANY MATERIAL OR COMMENCE ANY FABRICATION UNTIL HE HAS MADE THE REQUIRED MEASUREMENTS ON THE ACTUAL STRUCTURE AND THE EXTENT OF THE PROPOSED WORK HAS BEEN APPROVED BY THE ENGINEER.

PROVIDE TEMPORARY OR PERMANENT SUPPORTS, SHORING, SHEETING, OR BRACING, SO THAT NO HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT OCCURS TO EXISTING STRUCTURES OR UTILITIES ADJACENT TO THE PROJECT SITE.

STRUCTURAL STEEL

STRUCTURAL STEEL WORK SHALL CONFORM TO SPECIFICATION OF STRUCTURAL STEEL BUILDINGS — ALLOWABLE STRESS DESIGN, PLASTIC DESIGN (AISC 1989, MOST RECENT EDITION); CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (AISC 1986, MOST RECENT EDITION); AND STRUCTURAL WELDING CODE — STEEL (AWS DI. 1—88, MOST RECENT EDITION).

STRUCTURAL STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE DETAILING FOR STEEL CONSTRUCTION (AISC-1983, MOST RECENT EDITION) AND, WHERE REQUIRED, DESIGNED IN ACCORDANCE WITH THE CITED REFERENCES.

STRUCTURAL STEEL SHALL BE NEW STEEL CONFORMING TO THE FOLLOWING:

UNLESS NOTED OTHERWISE
RECTANGULAR AND SQUARE TUBE SECTIONS ASTM A 36(FY = 36 KSI)
HIGH STRENGTH BOLTS

ASTM A 441(FY = 46 KSI)
ASTM A 325

STRUCTURAL STEEL AND HARDWARE AS DESIGNATED ON THE PLANS SHALL BE GALVANIZED COATED AND SHALL COMPLY TO THE FOLLOWING REQUIREMENTS:

ASTM-A 123: SPECIFICATION FOR ZINC (HOT-GALVANIZED) COATINGS ON PRODUCTS FABRICATED FROM ROLLED, PRESSED, AND FORGED STEEL SHAPES, PLATES, BAR AND STRIP.

ASTM-A 153: SPECIFICATION FOR ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE.

GALVANIZED ITEMS AFTER FABRICATION: STAMP GALVANIZED MATERIALS INDICATING GALVANIZER, APPLICABLE ASTM SPECIFICATION NUMBER(S), WEIGHT OF ZINC COATING IN OUNCES PER SQUARE FOOT.

WELDED CONNECTIONS SHALL BE MADE BY APPROVED CERTIFIED WELDERS USING FILLER METAL CONFORMING TO E70 XX OR F7X-EXXX WITH LOW HYDROGEN.

HIGH STRENGHT NON-SHRINK GROUT USED AS SHOWN ON PLANS SHALL HAVE A MINIMUM COMPRESSIVE STRENGHT OF 4,000 PSI.

FIELD CUTTING OF EXISTING AND NEW STRUCTURAL STEEL AND BAR JOISTS OR ANY FIELD MODIFICATIONS OF STRUCTURAL STEEL OR BAR JOISTS SHALL NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL BY ENGINEER FOR EACH SPECIFIC CASE.

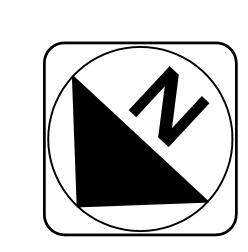
SUBMITTALS FOR APPROVAL: CERTIFICATION AND SHOP DRAWINGS (THREE COPIES)

PRIOR TO INSTALLATION OF STRUCTURAL STEEL

SUBMIT TO ENGINEER MATERIAL CERTIFICATION AND SHOP DRAWINGS (THREE SETS) FOR ALL STRUCTURAL STEEL (INCLUDING HIGH STRENGTH BOLTS). SUBMITTALS SHALL LIST AS A MINIMUM: ASTM GRADE, MECHANICAL AND CHEMICAL PROPERTIES, ADDRESS AND LOCATION OF STEEL MILL AND ALL OPENINGS, CONNECTIONS, HOLES, DIMENSIONS ET. AL. PERTAINING TO THE COMPLETED PROJECT TO BE FABRICATED.

PRIOR TO INSTALLATION OF GALVANIZED STRUCTURAL STEEL:

SUBMIT TO ENGINEER CERTIFICATE (THREE SETS) OF COMPLIANCE FROM GALVANIZER INCLUDING ITEMS GALVANIZED, GALVANIZED MATERIALS USED INDICATING GALVANIZERS, ASTM SPECIFICATION NUMBERS, WEIGHT OF ZINC COATING IN OUNCES PER SQUARE FOOT.



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