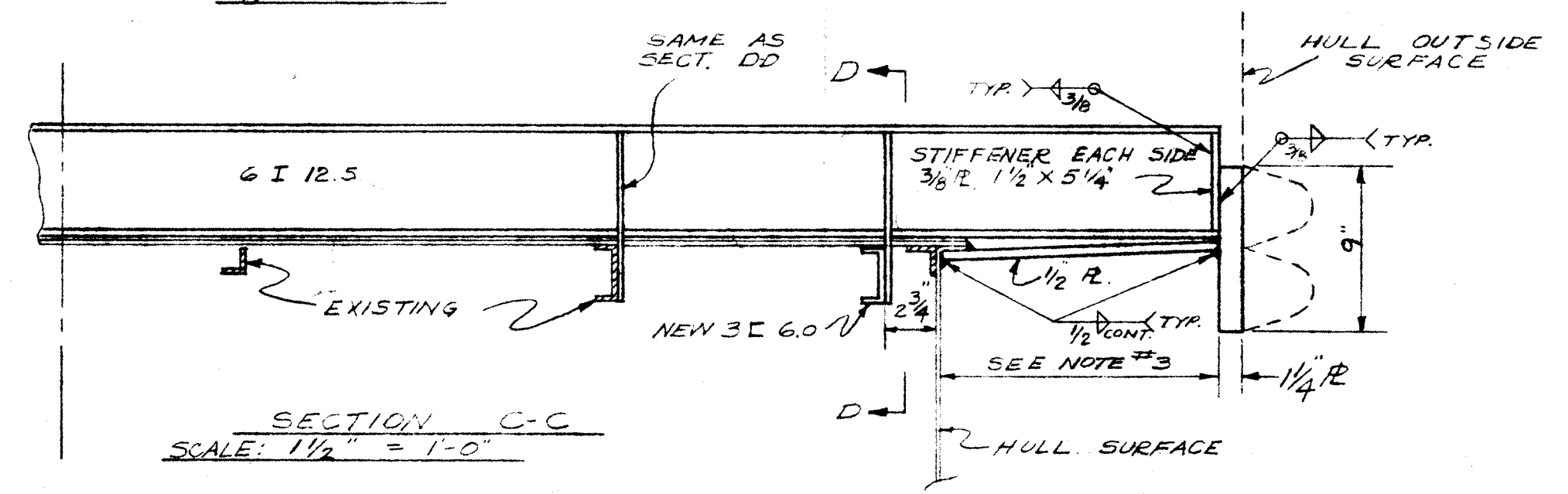
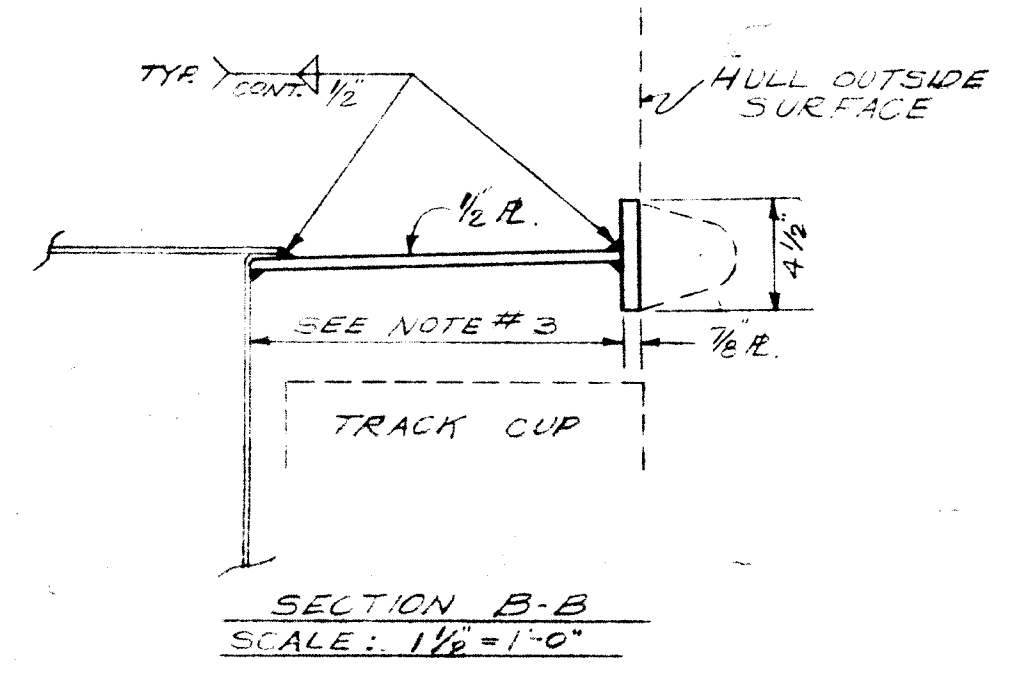
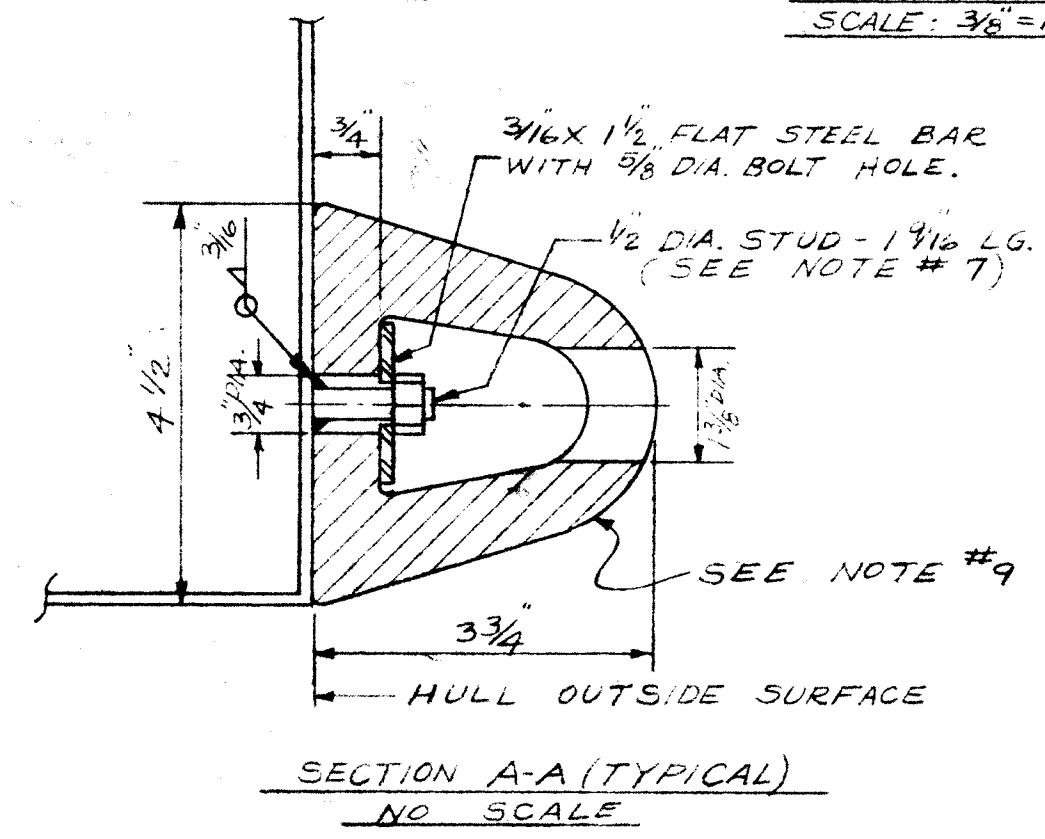
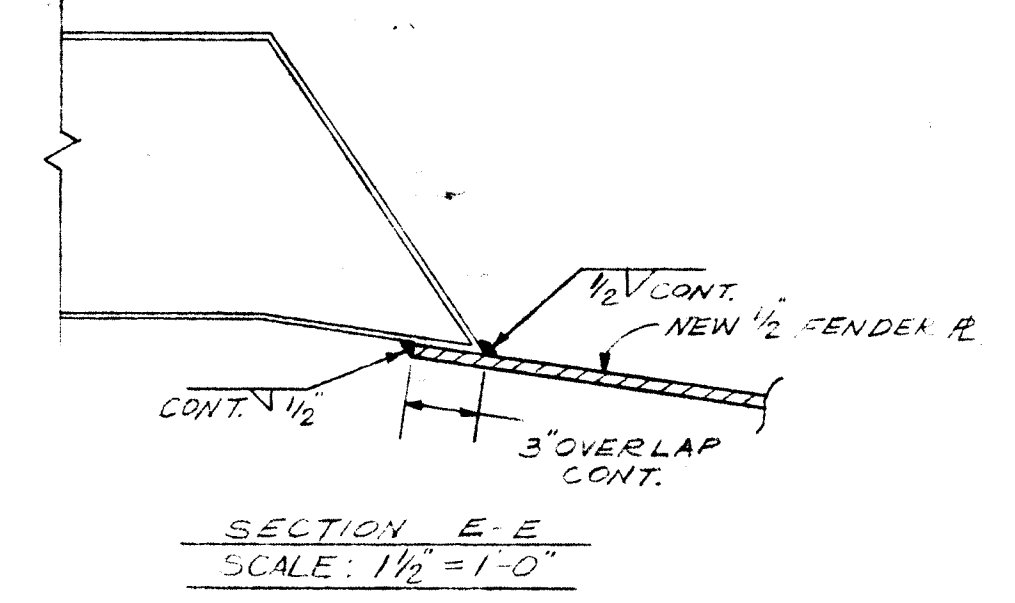
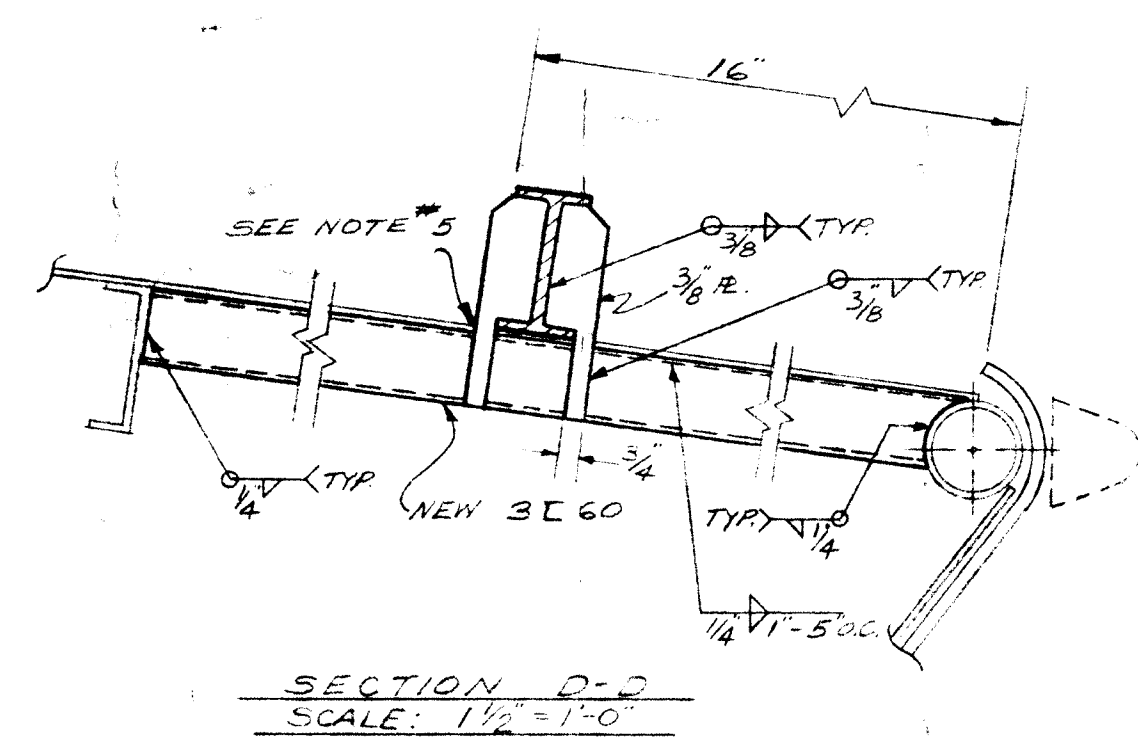
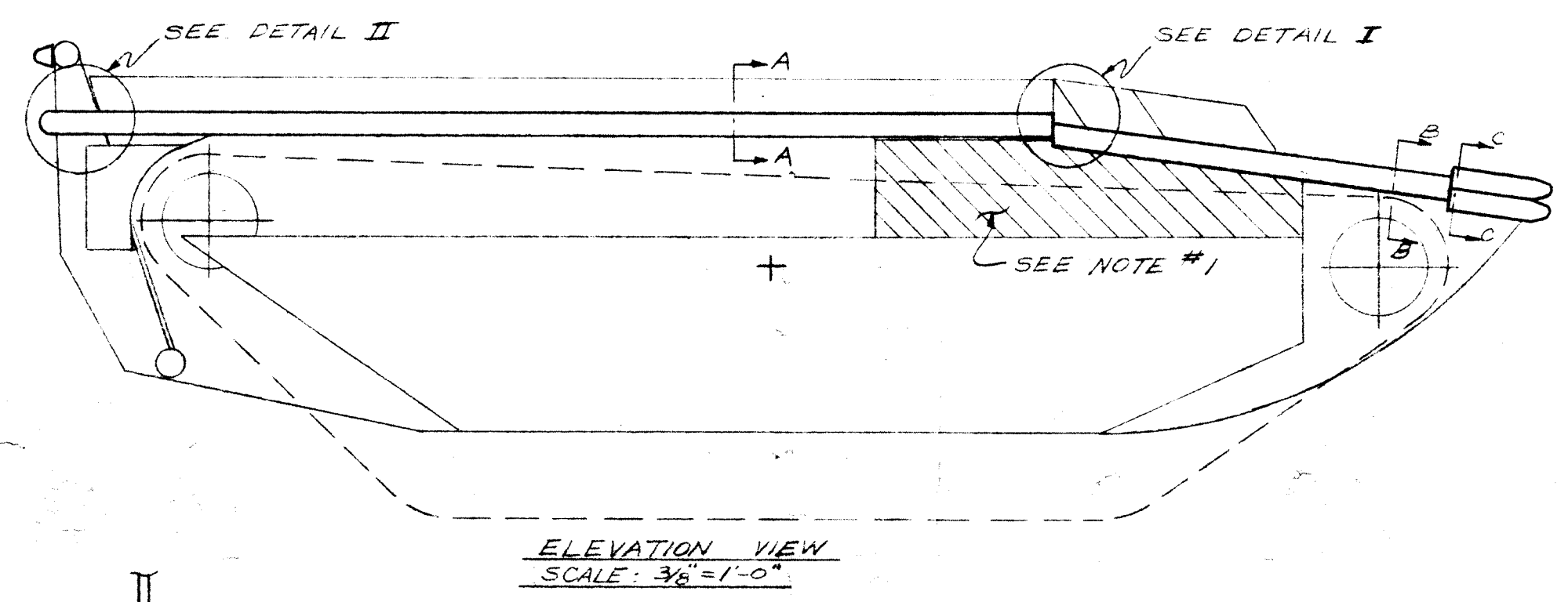
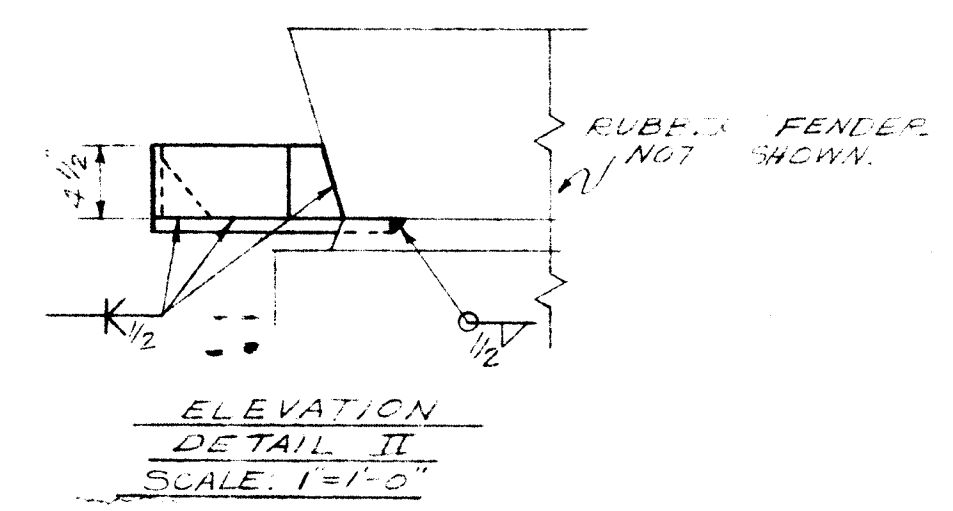
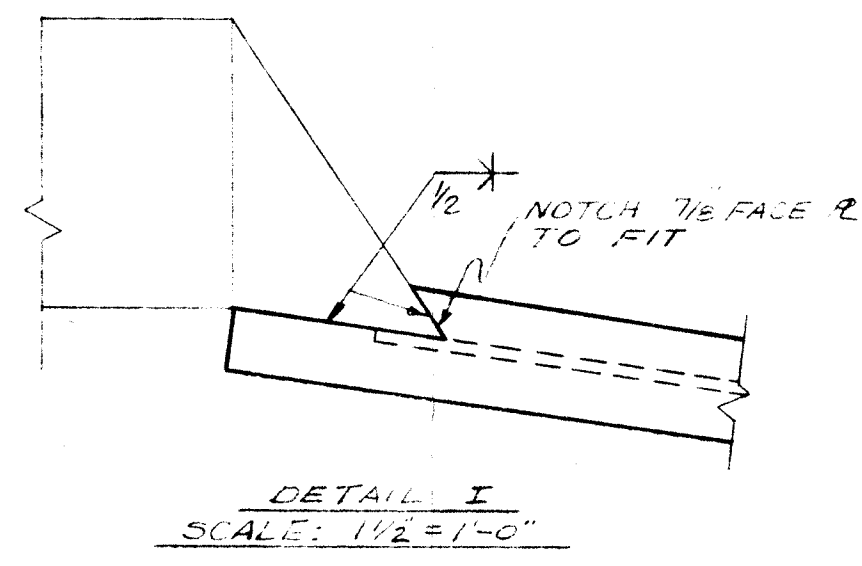
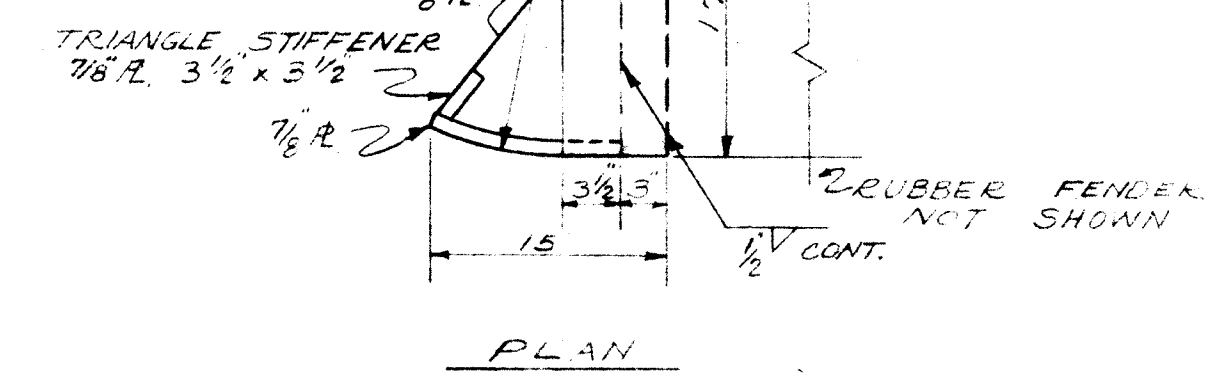
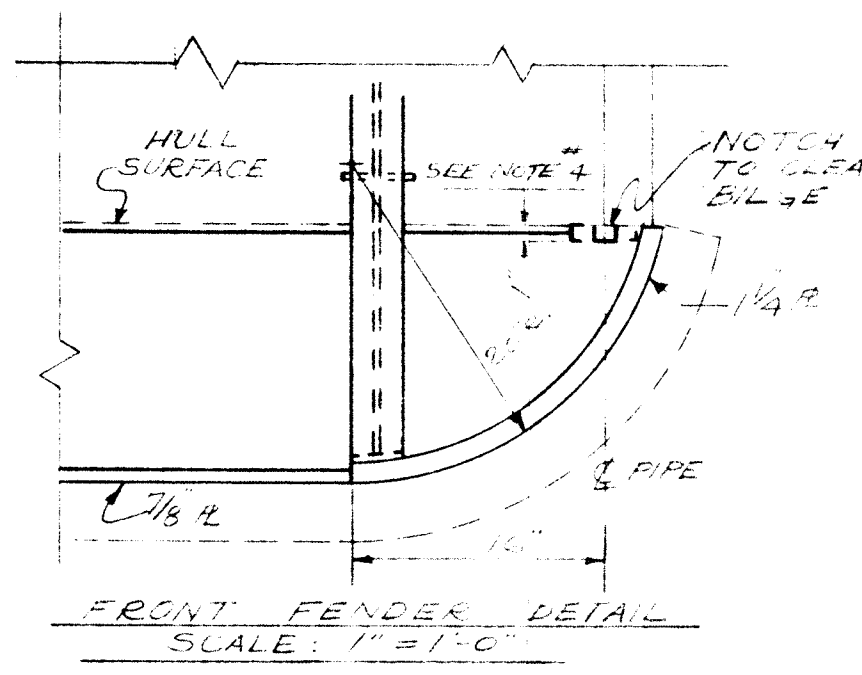
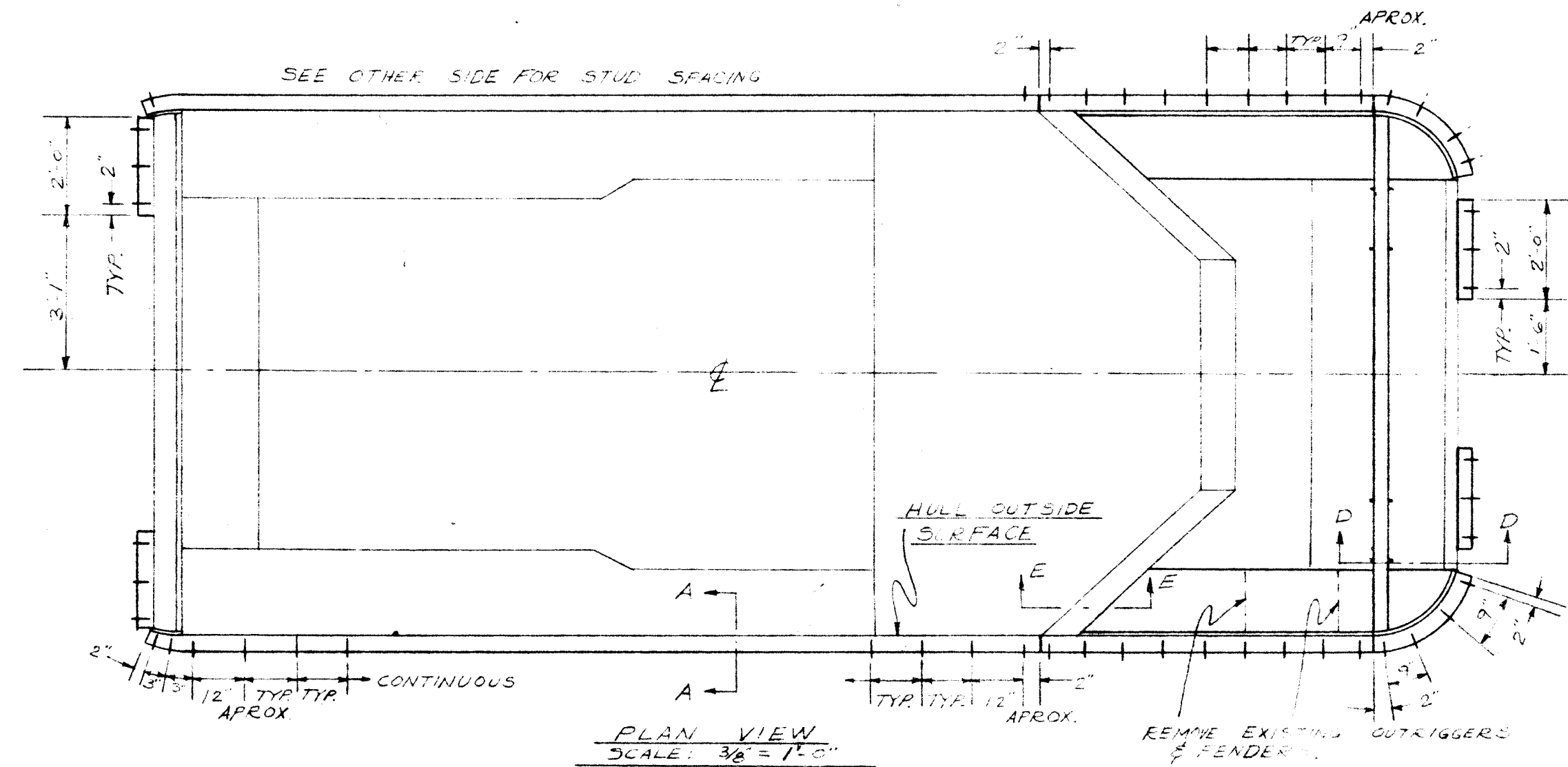


GENERAL NOTES

1. SIDE ARMOR PL. SHALL BE REMOVED FROM BOTH SIDES OF L.V.T. REFLACE BOLTS HOLDING ARMOR PLs. MAKING SURE THEY ARE WATER TIGHT.
2. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD.
3. HULL OUTSIDE SURFACE GOVERNS THIS DIMENSION WHICH SHALL BE DETERMINED IN THE FIELD.
4. REMOVE PART OF EXISTING BILGE PUMP INLET PIPE & SUPPORTING BRACKETS.
5. HOLE THROUGH HULL SHALL BE MADE WATER TIGHT BY CAULKING WITH "POLYURETHANE VULKEN" FROM MASTER MECHANICS CO. OR EQUAL.
6. ALL STEEL FOR NEW FENDER SYSTEM SHALL BE STRUCTURAL CARBON STEEL CONFORMING TO A.S.T.M. A-7.
7. BOLTS, NUTS & $3/16 \times 1/2$ STEEL BAR USED TO HOLD RUBBER BUMPER IN PLACE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH A.S.T.M. - A-153.
8. WELDING SHALL BE DONE BY OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED BY TESTS AS PRESCRIBED IN THE AMERICAN WELDING SOCIETY "STANDARD QUALIFICATION PROCEDURE TO PERFORM THE TYPE OF WORK REQUIRED.
9. ALL BUMPERS INDICATED ON THE PLANS & ELEVATIONS SHALL BE TYPE M-4 (HALF OVAL) AS MANUFACTURED BY THE GOODYEAR TIRE & RUBBER CO. THEY SHALL BE EXTRUDED OF 100% NEW SYNTHETIC RUBBER CONTAINING NO FABRIC OR FIBER PARTICLES. ALL BUMPERS SHALL BE INSTALLED AS DETAILED WITH A CONTINUOUS $3/16 \times 1/2$ FLAT STEEL BAR WHICH SHALL BE COMPLETELY CONCEALED IN THE FINISHED INSTALLATION.



APPROVED Edward P. ... DATE 9/27/05
COMMISSIONER OF PUBLIC WORKS

APPROVED ... DATE 9/27/05
CITY ENGINEER

DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
CITY OF BUFFALO

NEW FENDER AND BUMPER DETAILS

CONVERSION OF L.V.T. TO DIESEL POWER

DRAWN BY: L.J.S. SCALE: AS SHOWN
CHECKED BY: DATE:

DWG. NO. E-14 SHEET 2 OF 2