



FIG. 45: WELD METAL, NON-POSTHEATED WELD,  
E-6020 ELECTRODE, X500.



FIG. 46: WELD METAL, POSTHEATED WELD,  
E-6020 ELECTRODE, X500.



FIG. 47: HEAT AFFECTED ZONE, NON-POSTHEATED WELD,  
E-6010 ELECTRODE, X500.



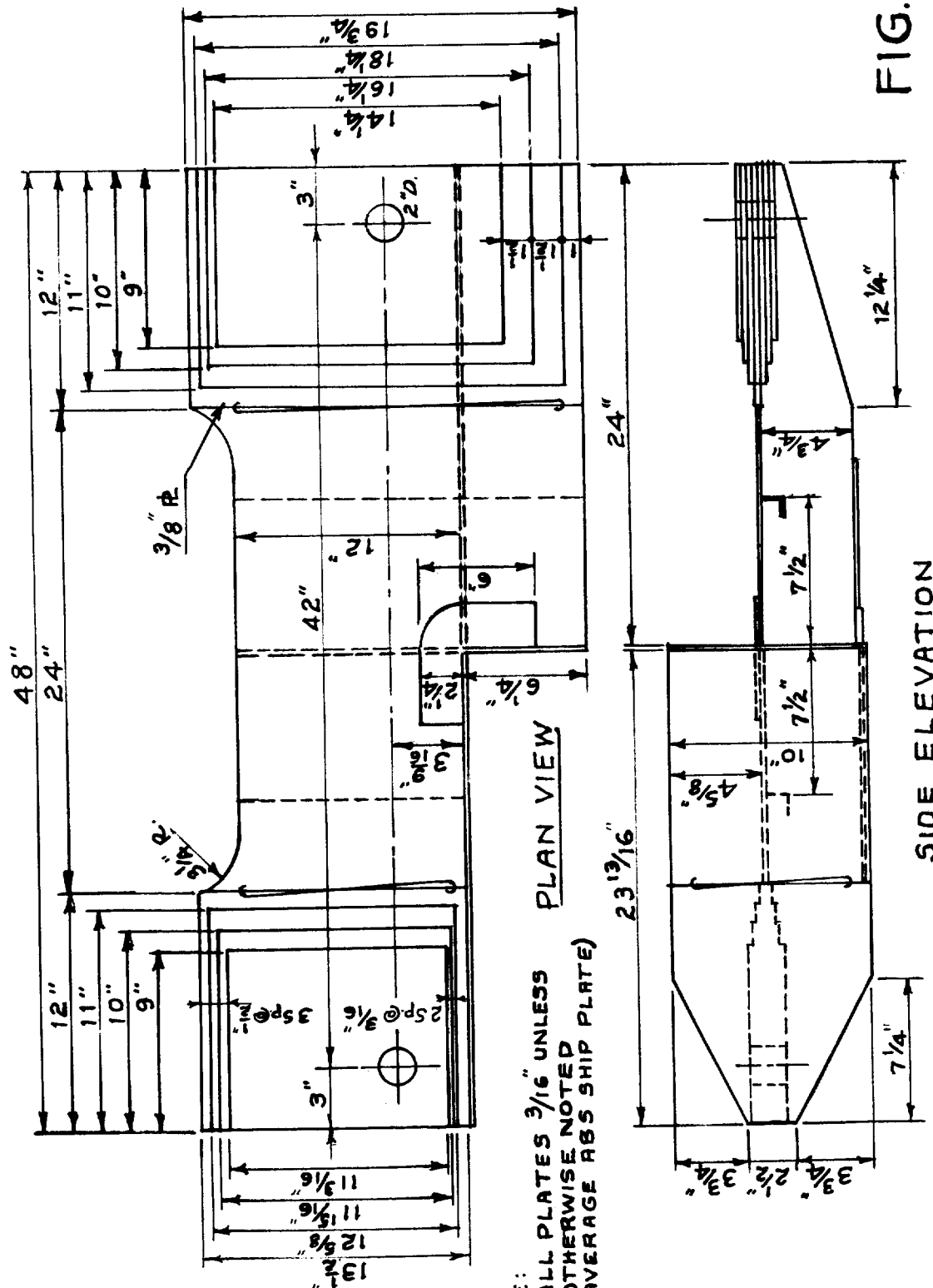
FIG. 48: HEAT AFFECTED ZONE, POSTHEATED WELD,  
E-6010 ELECTRODE, X500.



**FIG. 49: HEAT AFFECTED ZONE, NON-POSTHEATED WELD,  
E-6020 ELECTRODE, X500**



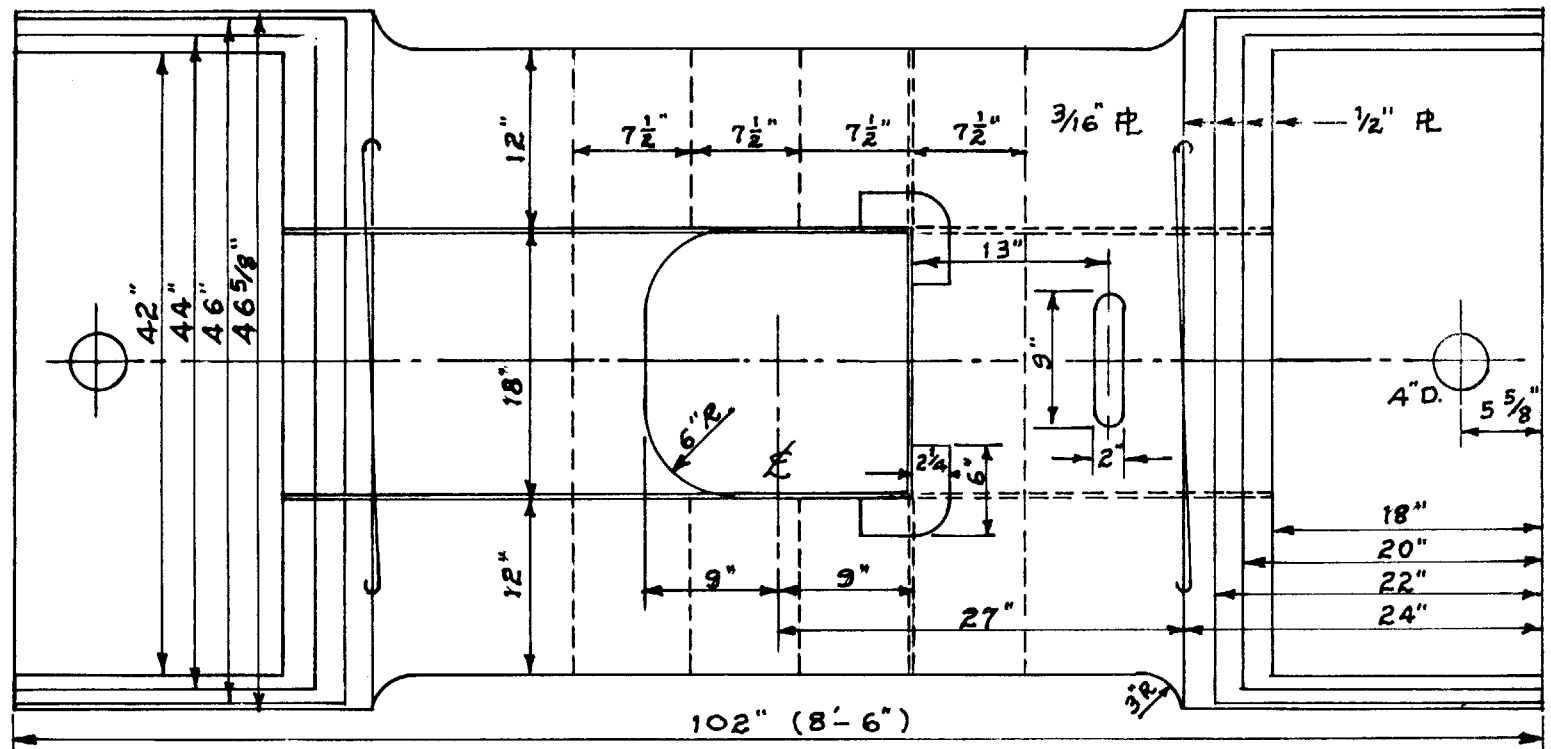
**FIG. 50: HEAT AFFECTED ZONE, POSTHEATED WELD,  
E-6020 ELECTRODE, X500.**



NOTE:  
 ALL PLATES 3/16" UNLESS  
 OTHERWISE NOTED  
 (AVERAGE ABS SHIP PLATE)

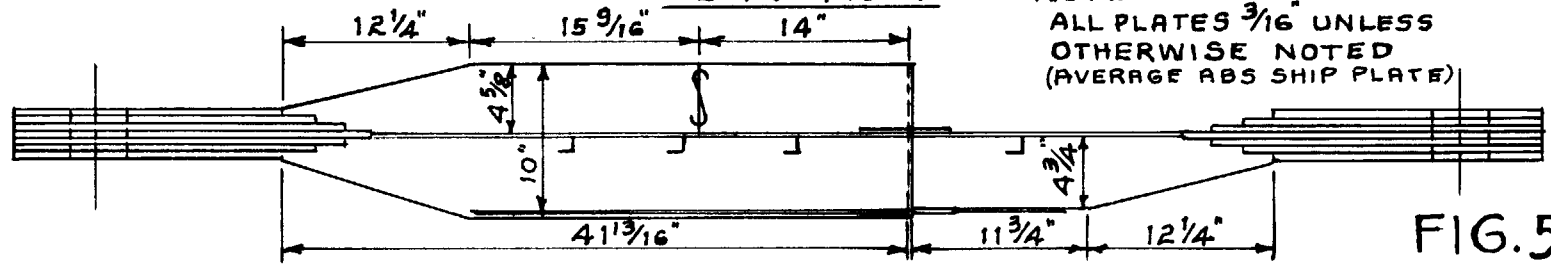
**FIG. 51**  
 SCALE 1 1/2" = 1'-0"

DR. BY R. Sisson CH. BY <i>MMH</i> APP'D <i>EPD</i>	DESIGN OF 1/4 SCALE ASYMMETRICAL HATCH CORNER MODEL	UNIVERSITY OF CALIFORNIA WELDING RESEARCH ENGINEERING BLDG. BERKELEY
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PLAN VIEW

NOTE  
 ALL PLATES 3/16" UNLESS  
 OTHERWISE NOTED  
 (AVERAGE ABS SHIP PLATE)



SIDE ELEVATION

SCALE 1" = 1'-0"

FIG. 52

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DESIGN OF 1/4 SCALE  
 SYMMETRICAL HATCH CORNER  
 MODEL

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