FIRST CLASS MAIL

COMPANY PRIVATE

Installation Engineering Handbook 30
Western Electric
Service Division

TI Section 19F1
10-23-72

TEMPORARY INSTRUCTION
ERECTING FRAMES
SHOP EQUIPPED CABLE DUCT TYPE BAYS
UNEQUAL FLANGE UPRIGHT FRAMES
AT HOISTING CENTER

1. GENERAL

1.1 This TI describes a new method for erecting double wide unequal flange type frames, either in place or at a hoisting center, utilizing a pair of R-3940 Hoisting Clamps.

1.11 The R-3940 Hoisting Clamps are contained in Kit 72.

1.2 The present method is as covered in Paragraph 4 of this section.

1.21 Using the present procedure, it is difficult to hoist bays in place due to inadequate floor to superstructure clearance in the aisle and difficulties in proper placement of the chain hoist.

2. INSTRUCTIONS

2.1 Determine whether the in place or hoisting center method should be used from considerations listed in Section 19A2, Table 1.

2.2 Install chain hoists as described in Sections 19A1 to A2 depending on method chosen.

2.3 The frame uprights on both ends of the bay contain a "U" shaped bracket welded in place approximately 30" from the top of the frame.

2.4 Place the R-3940 Hoisting Clamps through the holes in the brackets as shown in Figure 1.

2.5 Place the clamps so that the pins point toward the open duct side of the frame.

2.6 Screw nuts on finger tight.

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CAUTION: MAKE CERTAIN THAT NO BAY CABLES GET PINCHED BETWEEN THE CLAMPS AND THE BRACKET.

2.7 The bay shall be hoisted per Section 19A3, Figures 1 or 2. Figure 1 shows a double bay being erected per this proposed method.

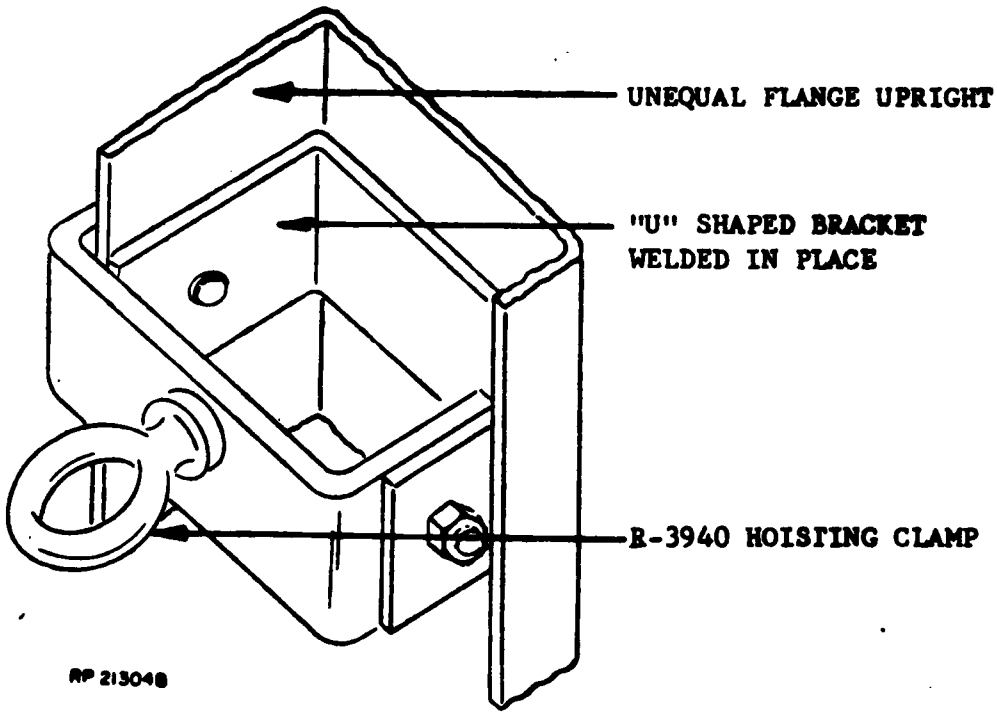

FIG. 1 R-3940 HOISTING CLAMP (PAR. 2.4)

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