

### SAI-3M MS<sup>2</sup> SERVING AREA INTERFACE DESCRIPTION AND INSTALLATION

#### 1. GENERAL

1.001 This addendum supplements Section 631-620-901PT.

1.002 It is issued to provide the following:

- (a) New instructions for mounting the 4084 and 4086 interface cabinets on concrete slabs
- (b) Revised instructions for counting the 2700 pair interface

#### 3. INSTALLATION

The following changes apply to Part 3 of the section:

- (a) 3.04 — revised
- (b) Figs. 18a through 18j added
- (c) Figs. 18 and 19 — deleted

3.04 Concrete slabs are recommended for the MS<sup>2</sup> 4084 and 4086 interface cabinets. An MS<sup>2</sup> 4056 mounting ring kit is needed for the installation. Install as follows:

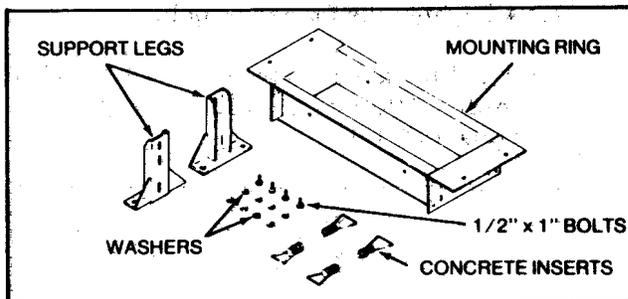


Fig. 18a

#### (a) Ground Preparation

- (1) Excavate the slab site to a depth of 300 mm (12 in.) below ground level, allowing

for slab dimensions of 1.8 m (6 ft.) x 1.8 m (6 ft.). (See Fig. 18b.)

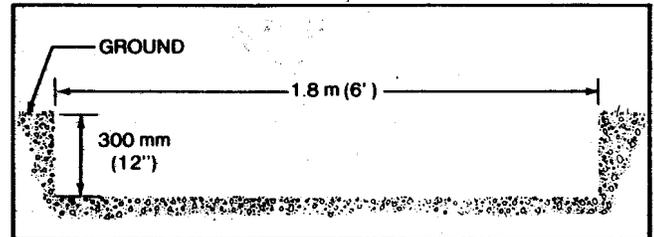


Fig. 18b

- (2) Set the forms for a 1.8 m (6 ft.) x 1.8 m (6 ft.) x 125 mm (5 in.) slab.

*Note:* Construct the forms so that the slope of the slab from the center is at the rate of 20 mm per running meter (1/4 in. per running foot.)

- (3) Fill the excavation with pea gravel to within 125 mm (5 in.) of ground level. (See Fig. 18c.)

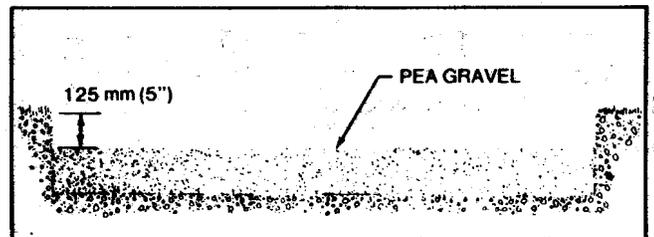


Fig. 18c

- (4) Attach the concrete inserts and support legs to the mounting ring with the 1/2 x 1 inch bolts provided. (See Fig. 18d.)

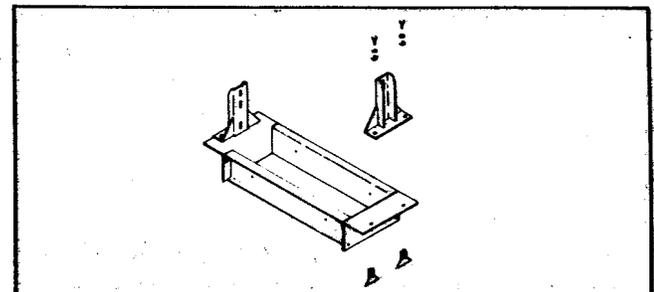


Fig. 18d

- (5) Nail the wood stakes to the mounting ring for ease in leveling. Center the mounting ring in the slab excavation and level it. (See Fig. 18e.)

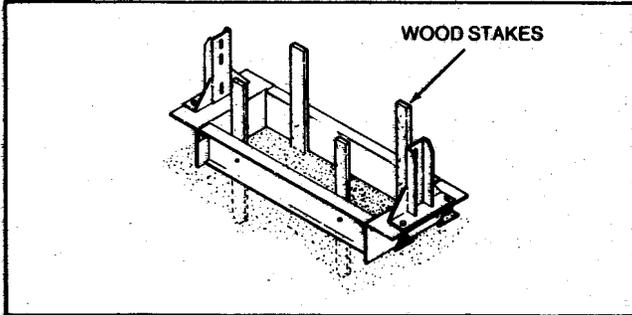


Fig. 18e

- (6) Place the concrete reinforcing rods or wire mesh in the slab area.
- (7) Pour and finish the slab.
- (8) Wipe the excess concrete from the top surface of the mounting ring. (See Fig. 18f.)

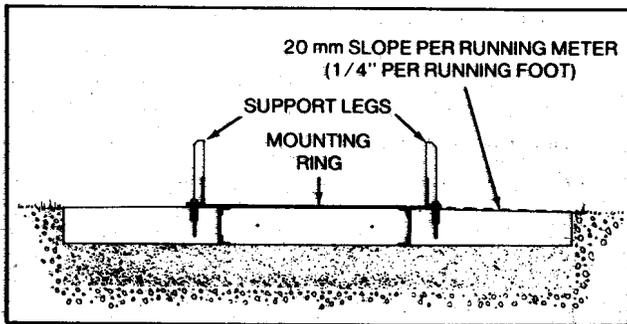


Fig. 18f

(b) Slab-Mounting the Cabinet

- (1) After the concrete has cured sufficiently, loosen the bolts that secure the support legs. (See Fig. 18g.)

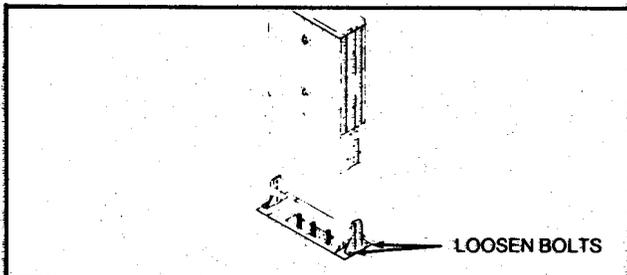


Fig. 18g

- (2) Position the cabinet over the cables and onto the mounting ring.
- (3) Secure the support legs to the side column of the cabinet with the four 3/8 x 1 inch bolts provided. (See Fig. 18h.)

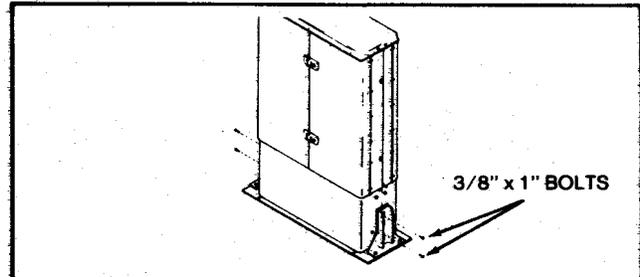


Fig. 18h

- (4) Retighten the bolts which secure the support legs to the mounting ring.
- (5) Loosen the four door bolts and remove the cabinet skirt. (See Fig. 18i.)

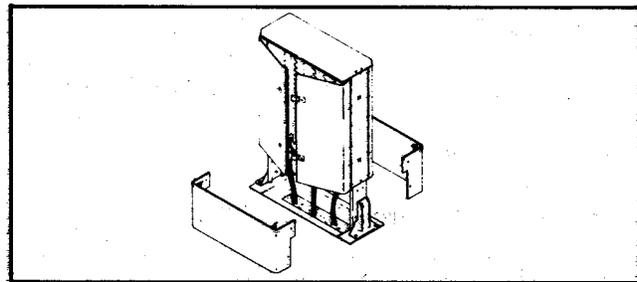


Fig. 18i

- (6) Upon completion of bonding, preparing and terminating the cables, replace the cabinet skirt. Make sure the skirt fits under the cabinet doors.
- (7) Retighten the four door bolts.
- (8) Fill the cabinet base with pea gravel to within 100 mm (4") of the top of the skirt. (See Fig. 18j.)

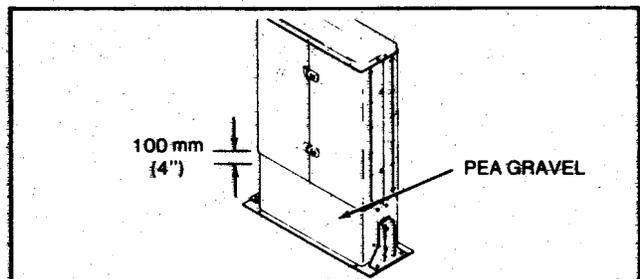


Fig. 18j

4. CABLE PREPARATION AND TERMINATION

(b) Fig. 33 — revised

The following changes apply to Part 4 of the section:

(a) 4.06, Note — revised

4.06 *Note:* Stencil the pairs in the interface using the binding post method. Fig. 33 illustrates the procedure for the 4084 and 4086 interfaces.

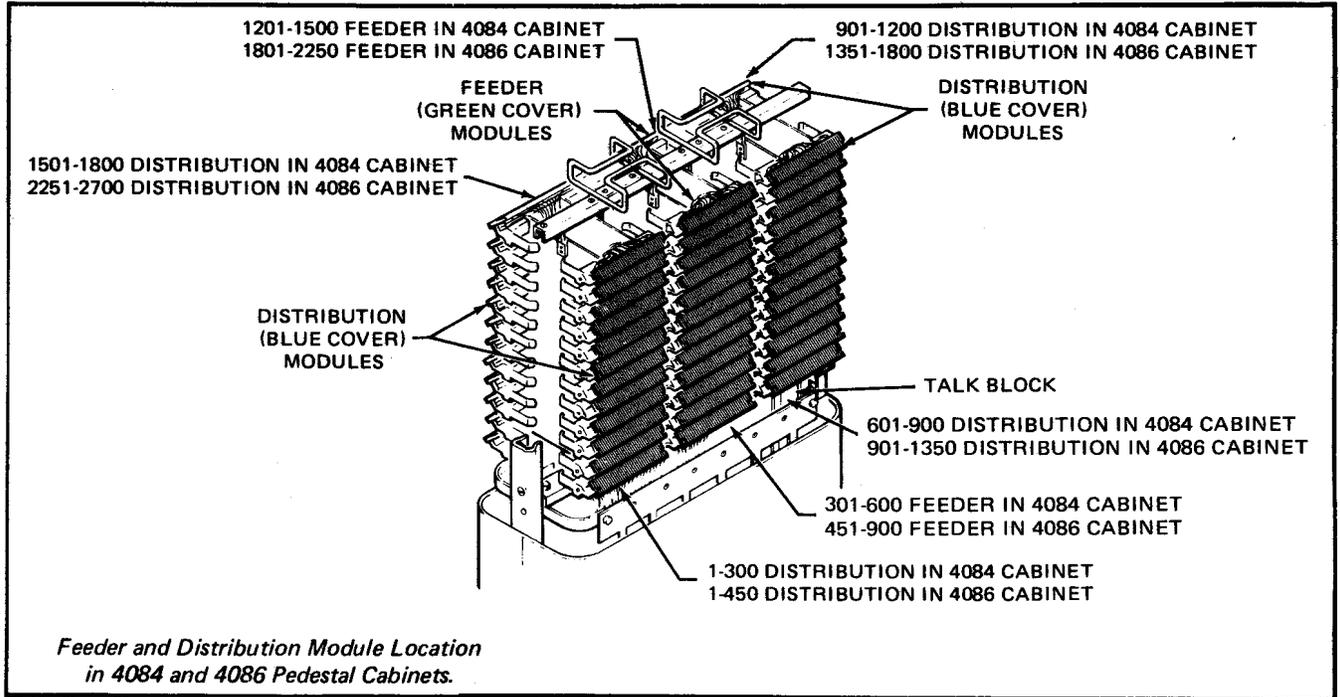


Fig. 33