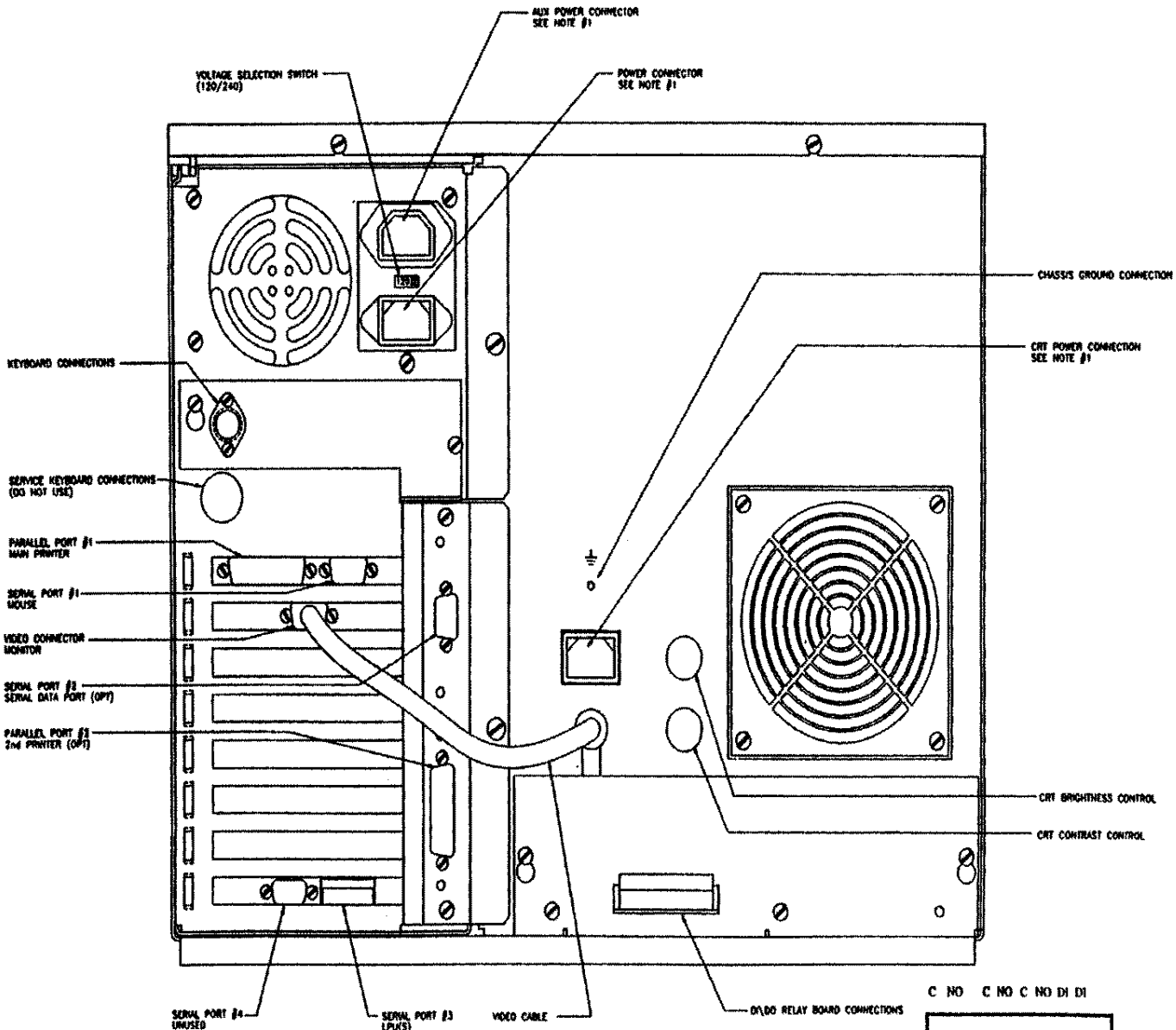


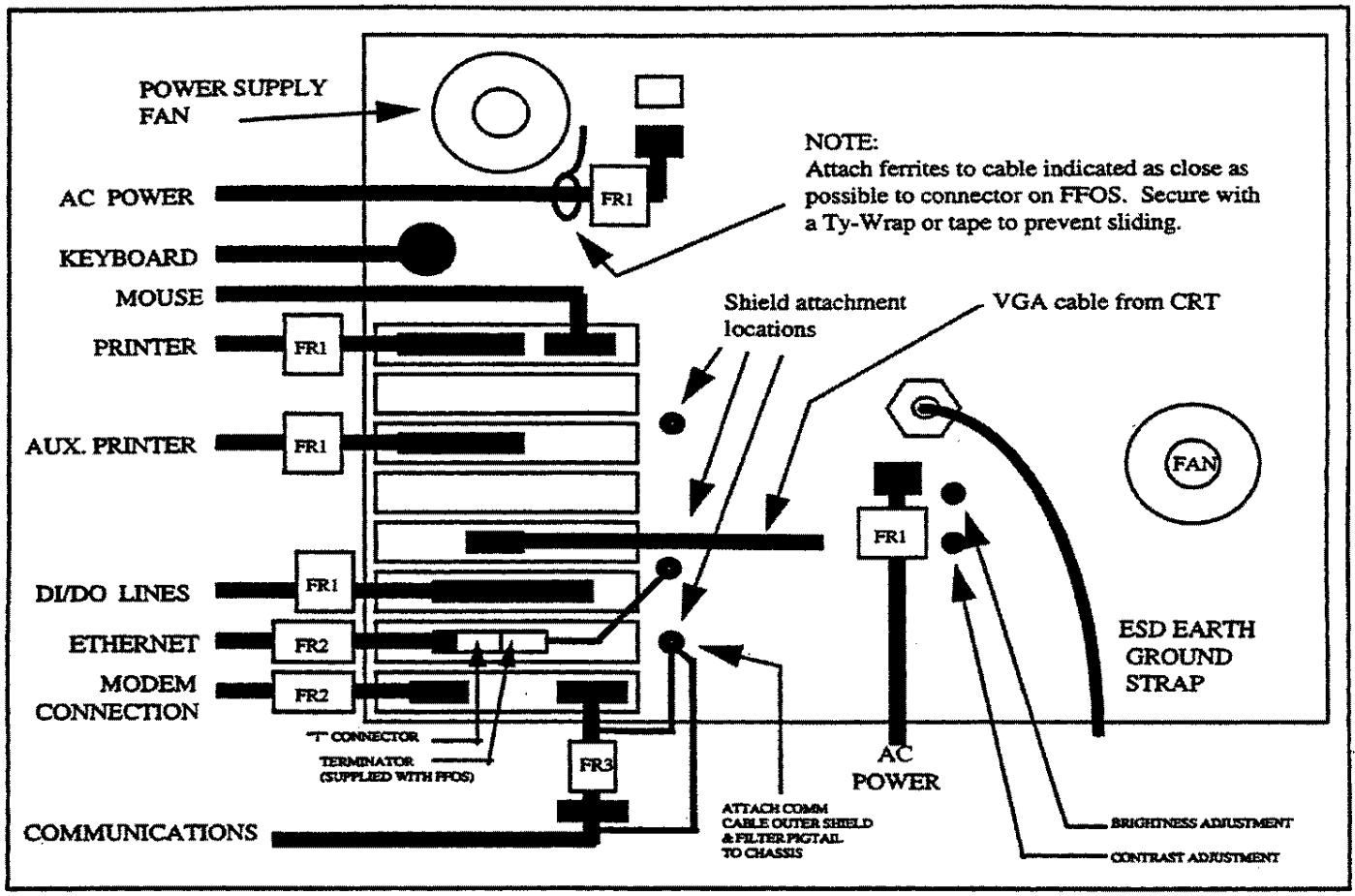
Figure 16A
FFOS Customer Connections (non CE)

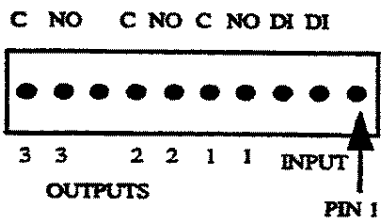
Typical wiring for DI/DO
See Notes 2, 3, 4.

NOTES:

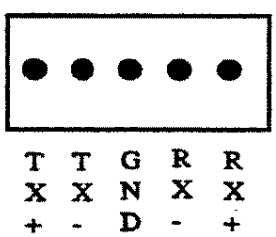
1. FOR 120V, L2 SIDE OF LINE SHOULD BE GROUNDED. FOR 220/240v, GROUND SHOULD EXIST BETWEEN L1 AND L3. IF LINE SUPPLY CANNOT BE GROUNDED, ADD ISOLATING TRANFORMER AND GROUND L2 TERMINAL.
2. CUSTOMER WIRE:
   a. SINGLE CONDUCTOR (SOLID OR STRANDED) #14 GAGE OR SMALLER.
   b. DOUBLE CONDUCTOR #18 GAGE OR SMALLER.
3. SCREWS MUST BE TIGHTENED SECURELY.
4. DI requires a contact closure for remote acknowledge or remote shutdown.

Factory Floor Operator Station
Wiring Diagrams





Typical wiring for DI/DO
(See Notes 2, 3, & 4.)



Typical wiring for RS422/485
(See Notes 2 & 3.)

NOTES

1. For 120V, L2 side of line should be grounded. For 220V/240V, ground should exist between L1 and L2. If line supply cannot be grounded, add isolating transformer and ground L2 terminal.

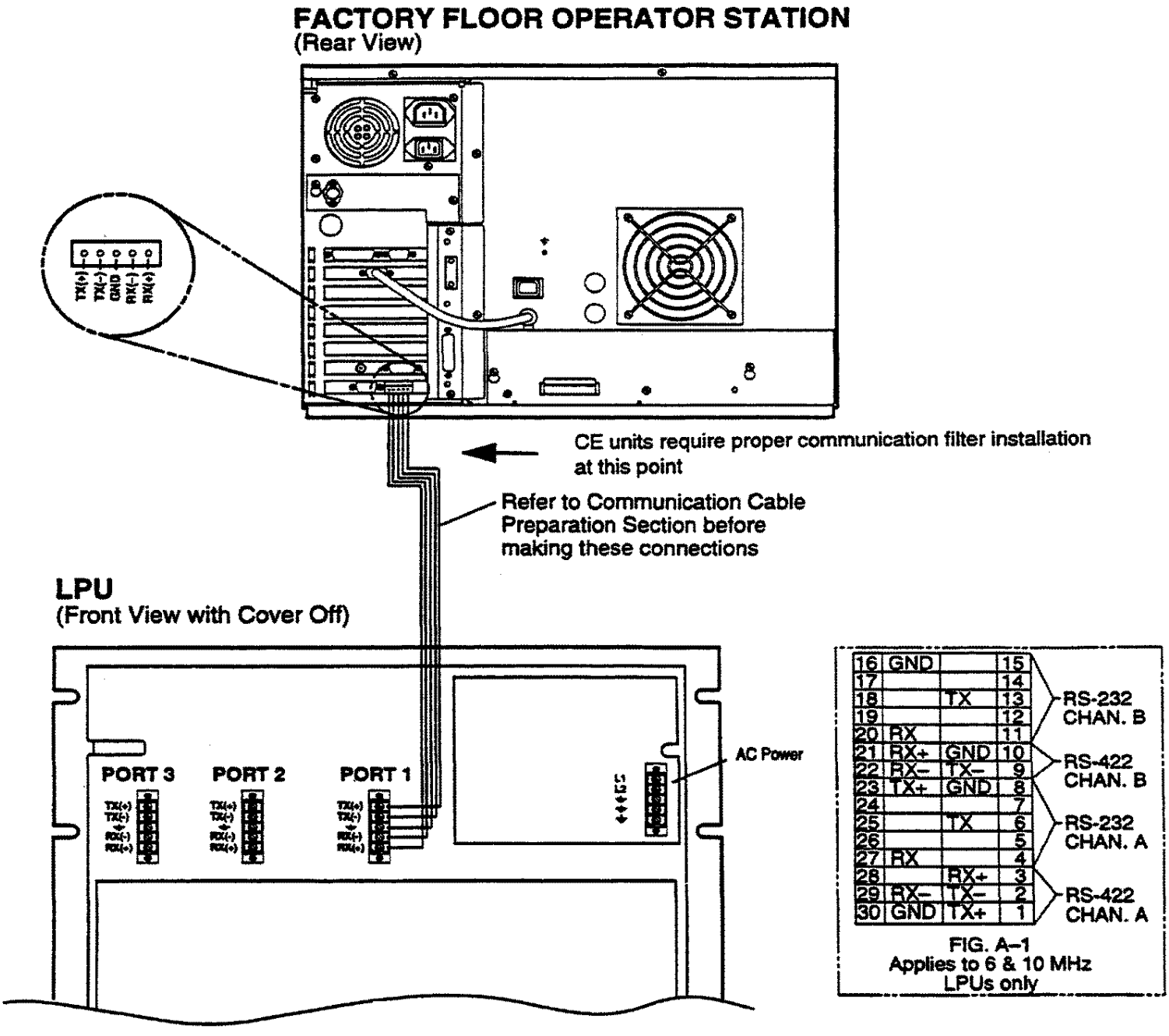
2. Customer wire:
   a. Single conductor (solid or stranded) #14 gage or smaller.
   b. Double conductor #18 or smaller.

3. Screws must be tightened securely.

4. DI requires a contact closure for remote acknowledge or remote shutdown.

Figure 16B
FFOS Customer Connections (CE)

Factory Floor Operator Station Wiring Diagrams



NOTES

1. Ports 1 & 3 cannot be connected to a Local Station

2. Connections to the optional serial communications port (Local Station, Supervisory Stations, Datavue™ Computer, etc.) may also be made to optional Slot Communications Card, if present. This card is located in a normal slot position 1 to 5 and connections to it are made on the regular terminal board for that slot. For connections, see Fig. A-1 above.

3. CE units must be installed per Figure 16B.

Figure 18
FFOS Connection to LPU without Management Station

Factory Floor Operator Station Wiring Diagrams

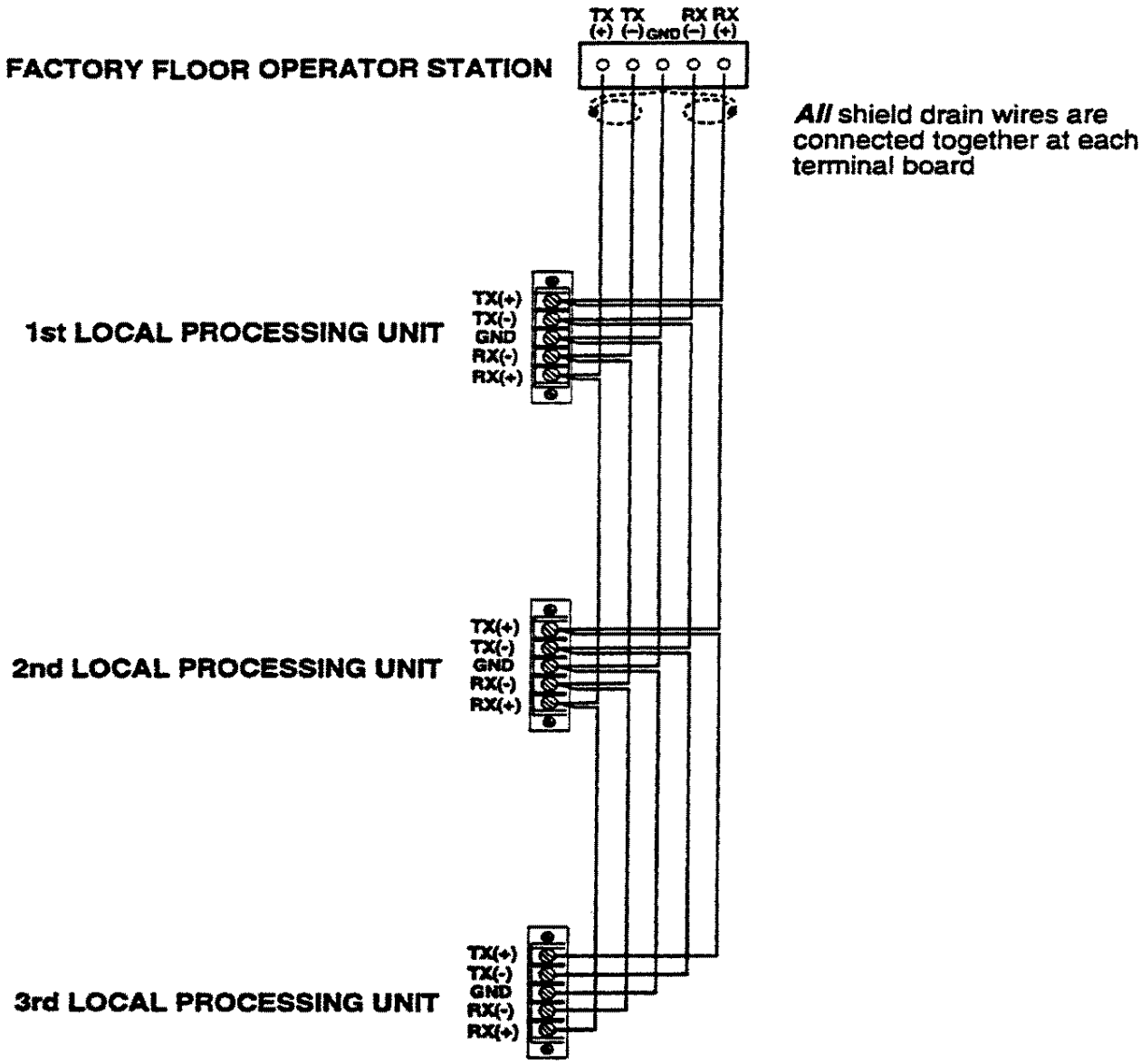


Figure 19
Actual Connections for Typical Communication Link
From FFOS to Local Processing Units