

MOBILE HOME UNDERGROUND SERVICE
100-200AMP, 120/240 VOLT, 3 WIRE, SINGLE PHASE

PROVIDED & INSTALLED BY I & M

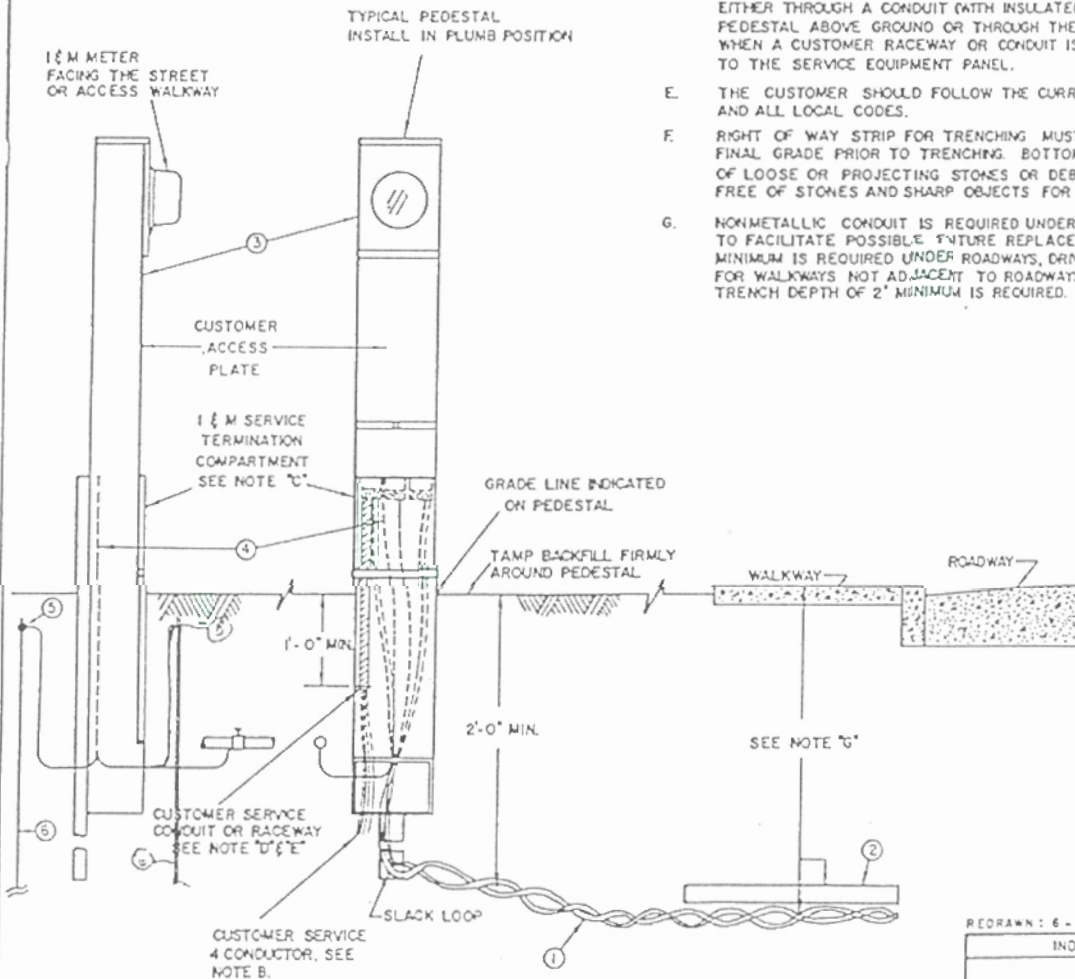
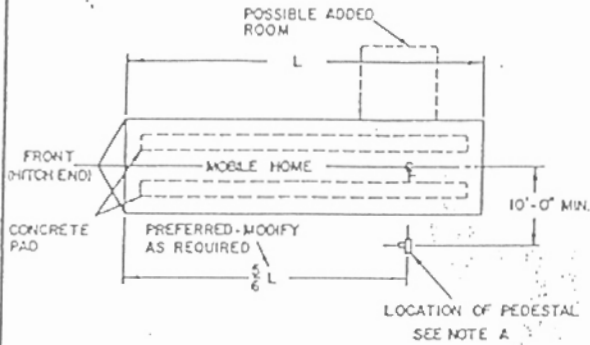
- ① 3 CONDUCTOR UNDERGROUND SERVICE, SEE NOTE "F".
- ② NONMETALLIC CONDUIT IF REQUIRED, SEE NOTE "G".

PROVIDED & INSTALLED BY CUSTOMER

- ③ APPROVED PEDESTAL, SEE I & M MANUFACTURES. SEE NOTES A, D & E.
- ④ GROUND WIRE #6 BARE CU MINIMUM TO GROUND RODS & METALLIC UNDERGROUND WATER PIPE IF AVAILABLE. SEE NOTE E, X & Z.
- ⑤ N.E.C. APPROVED GROUND CLAMP SUITABLE FOR BURIAL.
- ⑥ N.E.C. APPROVED GROUND ROD (5/8" X 8' GALV. MINIMUM)

NOTES:

- A. SOME MOBILE HOMES REQUIRE ELECTRIC SERVICE ON THE RIGHT REAR SIDE, IN WHICH CASE BACK-TO-BACK PEDESTALS MAY BE REQUIRED. I & M MUST APPROVE THE PEDESTAL LOCATION.
- B. A GROUNDING AS WELL AS GROUNDING CONDUCTOR MUST BE EXTENDED BETWEEN THE MOBILE HOME AND ITS ADJACENT SERVICE EQUIPMENT. NEITHER THE FRAME OF THE MOBILE HOME NOR THE FRAME OF ANY DISTRIBUTION PANEL OR APPLIANCE MAY BE CONNECTED TO THE NEUTRAL (GROUNDED) CONDUCTOR IN THE MOBILE HOME. THE GROUNDING & GROUNDED CONDUCTORS ARE BONDED TOGETHER ONLY ON THE SUPPLY SIDE OF THE SERVICE DISCONNECTING MEANS. REFER TO CURRENT NATIONAL ELECTRIC CODE.
- C. PEDESTAL CAN BE USED AS A JUNCTION BOX TO EXTEND CONDUCTOR TO ANOTHER SERVICE PEDESTAL.
- D. THE CUSTOMER'S SERVICE ENTRANCE CONDUCTORS MAY BE INSTALLED EITHER THROUGH A CONDUIT (WITH INSULATED BUSHINGS) ENTERING THE PEDESTAL ABOVE GROUND OR THROUGH THE BOTTOM OF THE PEDESTAL WHEN A CUSTOMER RACEWAY OR CONDUIT IS PROVIDED WHICH EXTENDS UP TO THE SERVICE EQUIPMENT PANEL.
- E. THE CUSTOMER SHOULD FOLLOW THE CURRENT NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.
- F. RIGHT OF WAY STRIP FOR TRENCHING MUST BE GRADED TO WITHIN 4" OF FINAL GRADE PRIOR TO TRENCHING. BOTTOM OF TRENCH MUST BE FREE OF LOOSE OR PROJECTING STONES OR DEBRIS. BACKFILL SHALL BE EARTH FREE OF STONES AND SHARP OBJECTS FOR THE FIRST 6" ABOVE THE CABLE.
- G. NONMETALLIC CONDUIT IS REQUIRED UNDER DRIVES, STREETS, PATIOS ETC. TO FACILITATE POSSIBLE FUTURE REPLACEMENT. A TRENCH DEPTH OF 3' MINIMUM IS REQUIRED UNDER ROADWAYS, DRIVEWAYS & ADJACENT WALKWAYS. FOR WALKWAYS NOT ADJACENT TO ROADWAYS, DRIVEWAYS & PATIOS, A TRENCH DEPTH OF 2' MINIMUM IS REQUIRED.



REDRAWN: 6-28-85 REV: 11-30-87 M.A.

INDIANA MICHIGAN POWER CO.	
MOBILE HOME UNDERGROUND SERVICE	
DRAWN: M.A.	SCALE: N.T.S.
CHECKED: DMK	DATE: 6-26-85
APPROVED: EJC	DWG NO. 8-4-2219-0
METER & CUSTOMER SERVICE STANDARD	FILE: METER LAB.
	DWG NO. M & CS-4