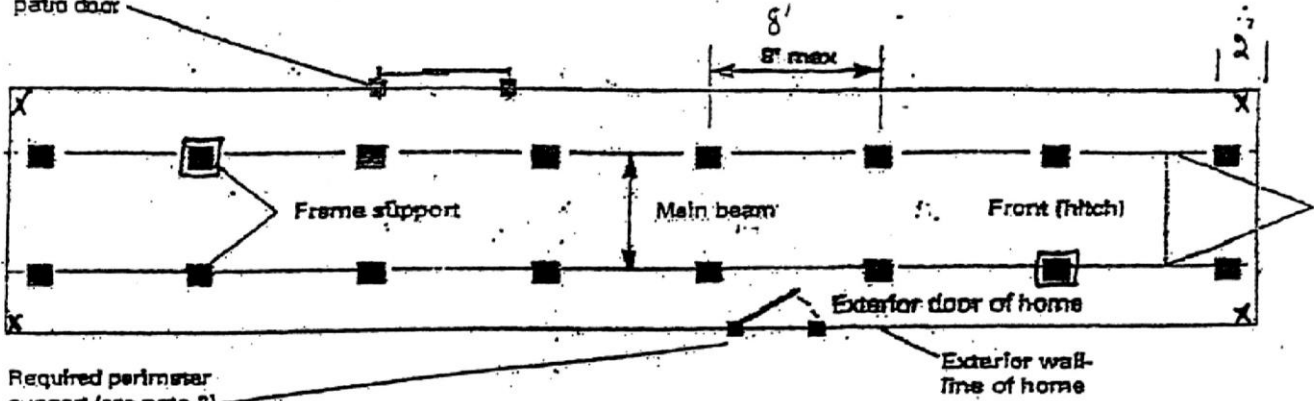


X - STRAP & ANCHOR TIE DOWNS OR STRAP & ANCHORS  
 ALT SYSTEM AT 2ND PIER

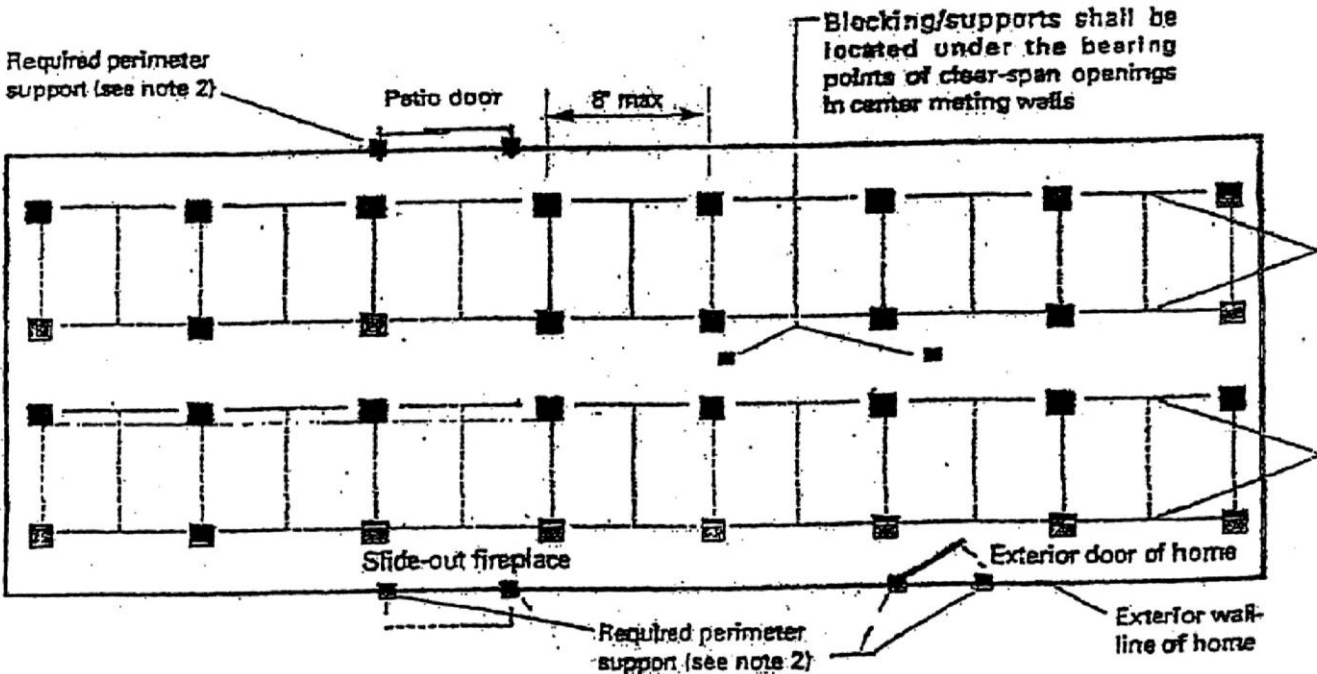
Required perimeter support  
 (see note 2 below); existing  
 patio door or addition of  
 patio door



Required perimeter support (see note 2)

Typical blocking diagram for single-section home when manufacturer's instructions are not available

1. Blocking shall be located at a maximum of 2 feet from both ends.
2. Place blocking on both sides of entry doors and at any other openings greater than 4 feet in width, such as patio or atrium doors; under porch posts, fireplaces, and wood stoves; and under those places where heavy pieces of furniture such as pianos, organs, waterbeds, etc. may be placed.

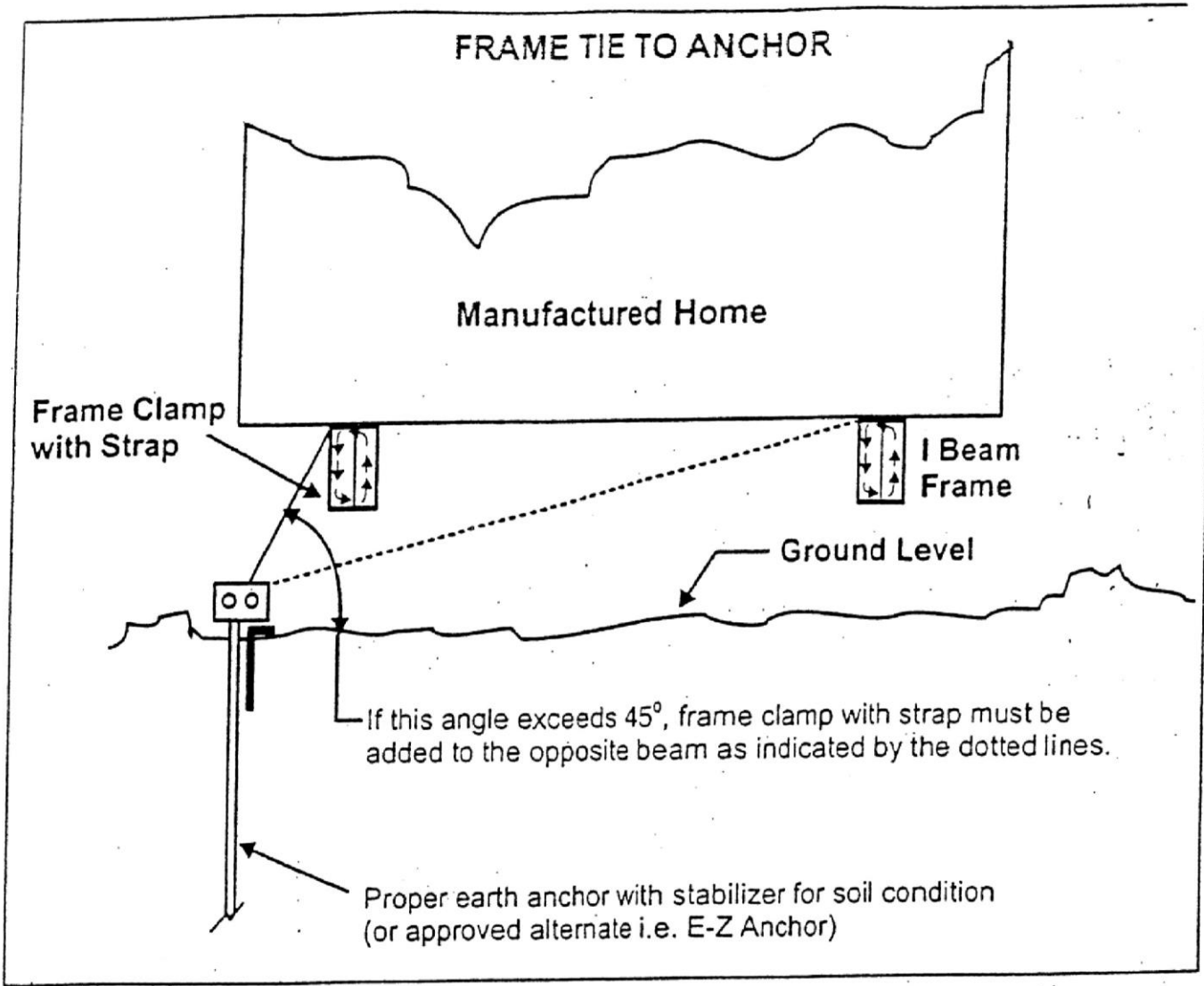


Typical blocking diagrams for multi-section home when manufacturer's installation instructions are not available

Blocking Diagrams

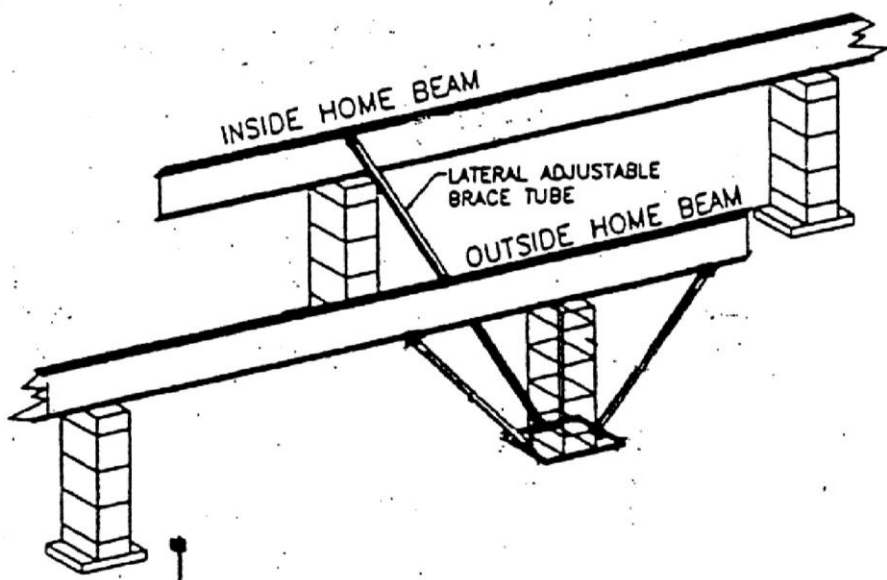
(Not to scale)

OHIO DEPARTMENT OF HEALTH	
Man. Home Park	
Standard	DWG. NO. 1:

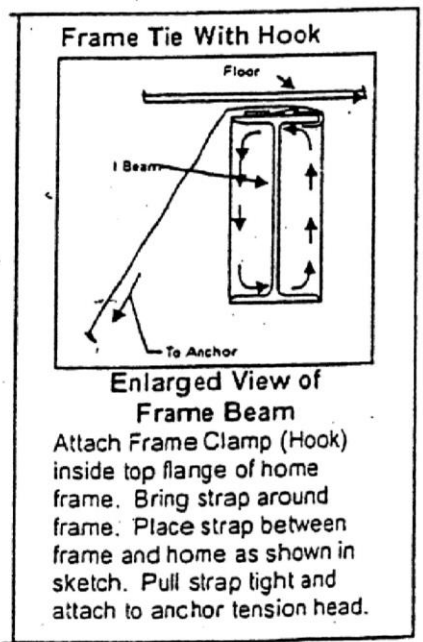


**ALTERNATE SYSTEM**

**LONGITUDINAL & LATERAL BRACING SYSTEM**



ANCHORS AS CALLED FOR IN WRITTEN INSTRUCTIONS



**SHIM NOTE:**  
 GAP AT TOP OF PIER MAY BE SHIMMED WITH HARDWOOD WEDGES AND WOOD PLATE (NOT EXCEEDING 2.5 IN. THICKNESS AND WEDGES (IN PAIRS) NOT EXCEEDING 1 IN. THICKNESS. WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6 IN. LONG. (SNUG FIT)

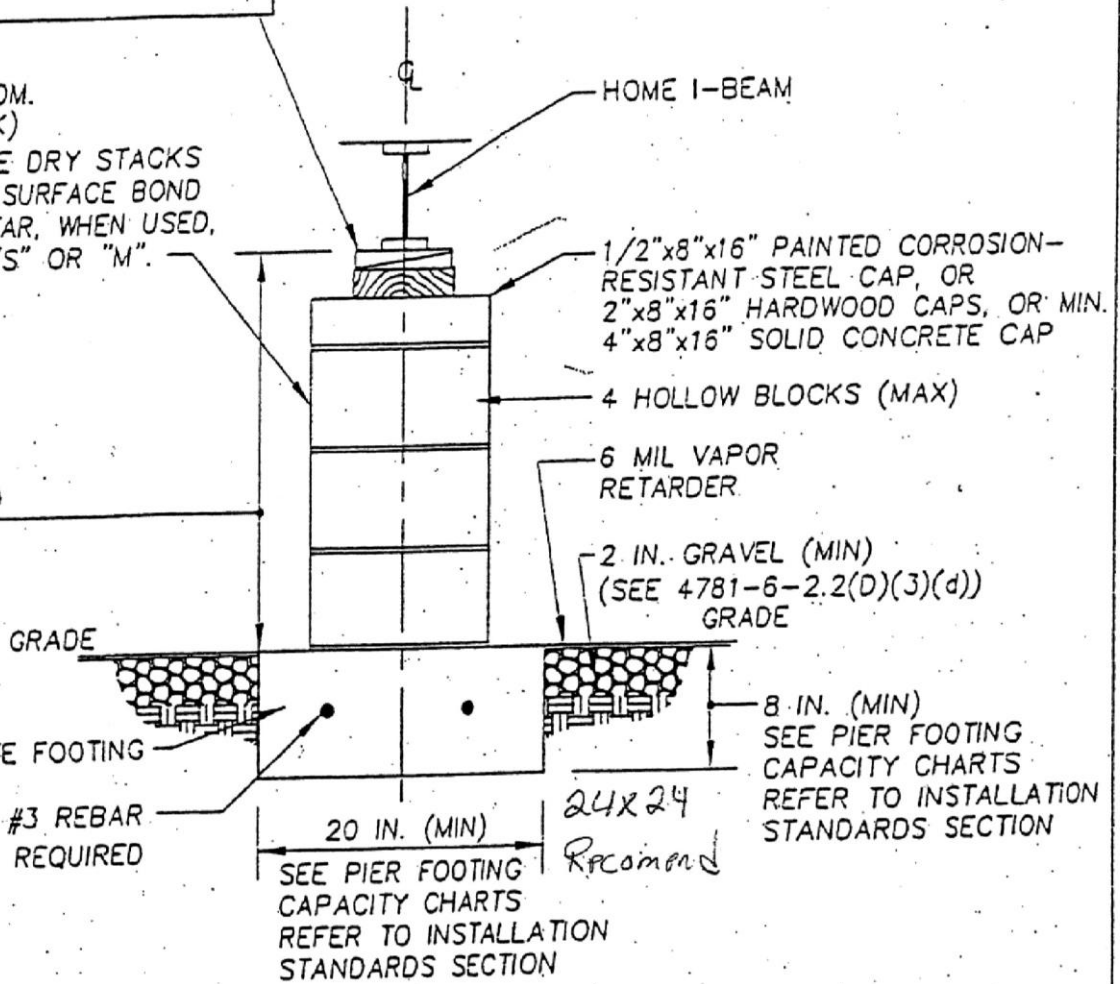
\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS IF OVER THREE (3) BLOCKS HIGH  
 IF OVER (4) BLOCK HIGH DOUBLE STACK ALL PIERS.

8 IN. x 16 IN. NOM.  
 (7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS WITH OR WITHOUT SURFACE BOND OR MORTAR. MORTAR, WHEN USED, SHALL BE TYPE "S" OR "M".

18 IN. MIN CLEARANCE  
 (SEE 4781-6-2.3(E))



POURED CONCRETE FOOTING

(2) #3 REBAR  
 REQUIRED

20 IN. (MIN)  
 SEE PIER FOOTING  
 CAPACITY CHARTS  
 REFER TO INSTALLATION  
 STANDARDS SECTION

24x24  
 RECOMMEND

8 IN. (MIN)  
 SEE PIER FOOTING  
 CAPACITY CHARTS  
 REFER TO INSTALLATION  
 STANDARDS SECTION

TYP. @ I-BEAM LOCATIONS

\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS.  
IF OVER THREE (3) BLOCKS HIGH

SHIM NOTE:

GAP AT TOP OF PIER MAY BE SHIMMED WITH HARDWOOD WEDGES AND WOOD PLATE (NOT EXCEEDING 2.5 IN. THICKNESS) AND WEDGES (IN PAIRS) NOT EXCEEDING 1 IN. THICKNESS. WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6 IN. LONG. (SNUG FIT). WEDGES TO BE INSTALLED PERPENDICULAR TO  $\phi$  OF BEAM.

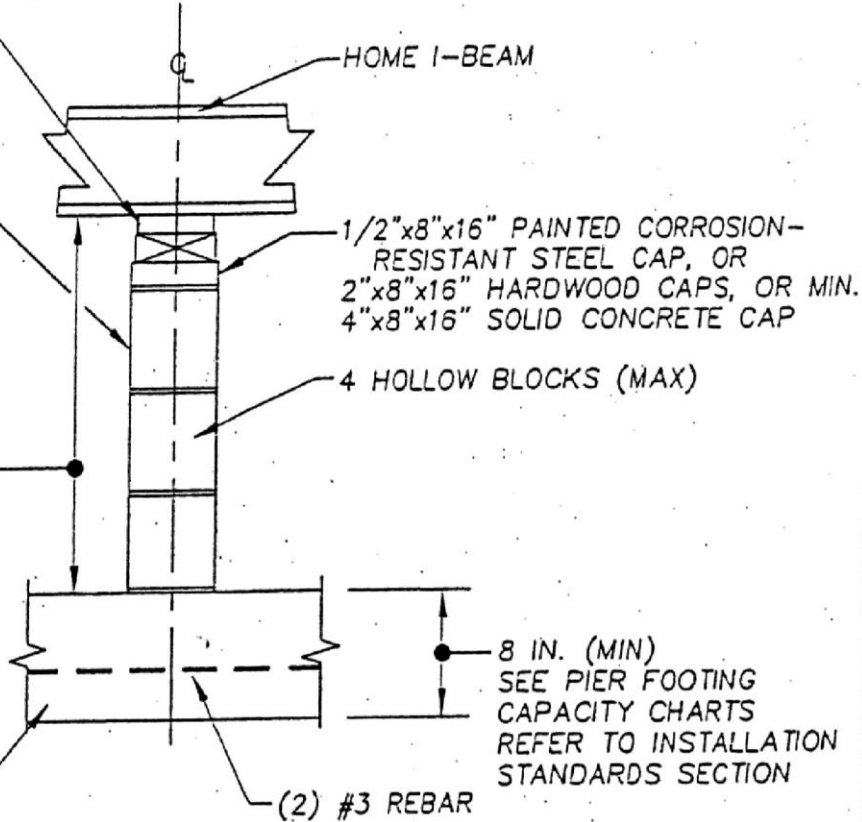
NOTE:

DOUBLE STACK BLOCK PIERS  
IF OVER (4) BLOCKS HIGH

8 IN. x 16 IN. NOM.  
(7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS WITH OR WITHOUT SURFACE BOND OR MORTAR. MORTAR, WHEN USED, SHALL BE TYPE "S" OR "M".

18 IN. MIN  
CLEARANCE  
(SEE 4781-6-2.3(E))



POURED CONCRETE FOOTING

(2) #3 REBAR

8 IN. (MIN)  
SEE PIER FOOTING  
CAPACITY CHARTS  
REFER TO INSTALLATION  
STANDARDS SECTION

TYP. @ I-BEAM LOCATIONS

\*Note:

DOUBLE STACK ALL CORNER BLOCK PIERS. IF OVER THREE (3) BLOCKS HIGH  
 IF OVER (4) BLOCK HIGH DOUBLE STACK ALL PIERS.

SHIM NOTE:  
 GAP AT TOP OF PIER MAY BE SHIMMED WITH HARDWOOD PLATE (NOT EXCEEDING 2.5 IN. THICKNESS AND WEDGES (IN PAIRS) NOT EXCEEDING 1 IN. THICKNESS. WEDGES SHALL BE AT LEAST 4 IN. WIDE AND 6 IN. LONG. (SNUG FIT)

16 IN. x 16 IN. PIER  
 (OVER 4 BLOCK HIGH) \*  
 (7 1/2 IN. BLOCK)

BLOCKS SHALL BE DRY STACKS WITH OR WITHOUT SURFACE BOND OR MORTAR. MORTAR, WHEN USED, SHALL BE TYPE "S" OR "M".

\* SINGLE SET BLOCK ALLOWABLE FOR 4 BLOCK HIGH MAXIMUM

1/2"x8"x16" PAINTED CORROSION-RESISTANT STL CAP, OR  
 2"x8"x16" HARDWOOD CAPS, OR  
 4"x8"x16" MIN. SOLID CONCRETE CAP

6 MIL VAPOR RETARDER

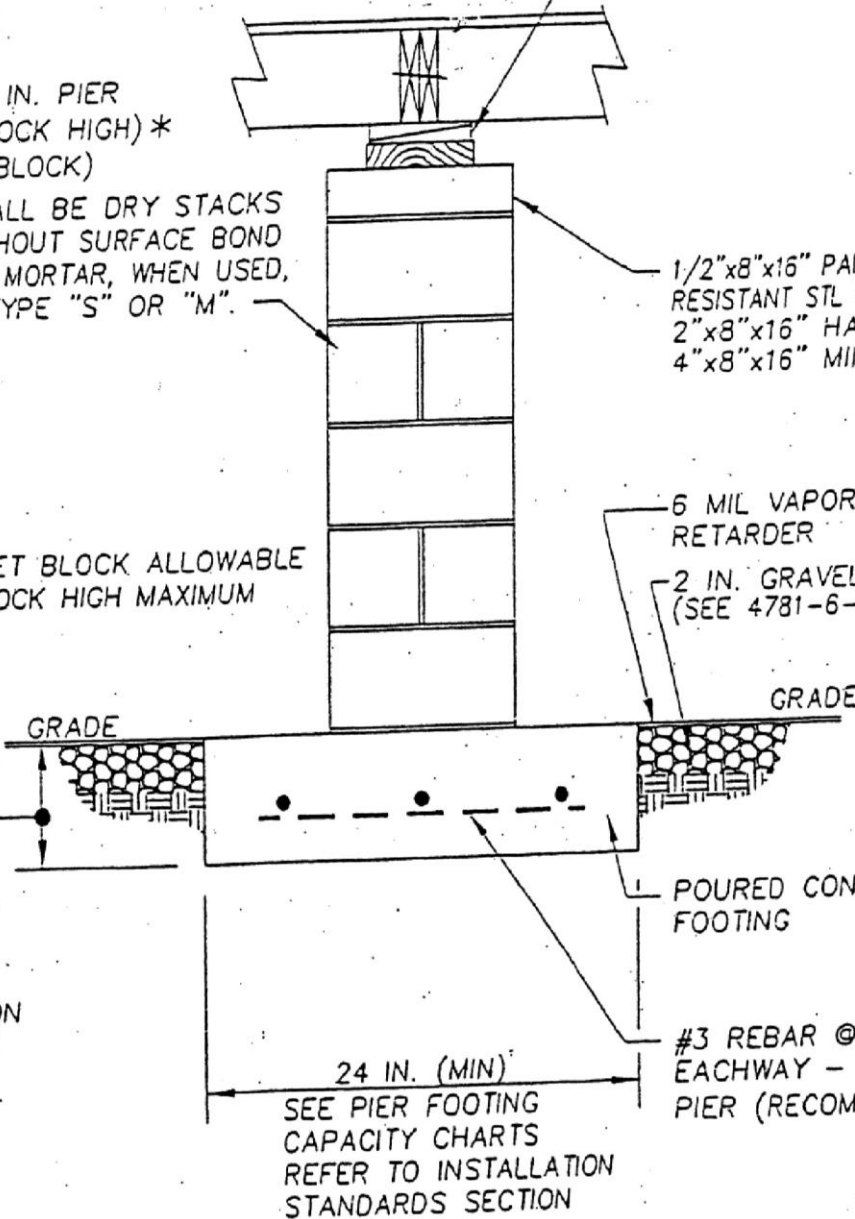
2 IN. GRAVEL (MIN)  
 (SEE 4781-6-02.2(D)(3)(d))

8 IN. (MIN)  
 SEE PIER FOOTING CAPACITY CHARTS REFER TO INSTALLATION STANDARDS SECTION

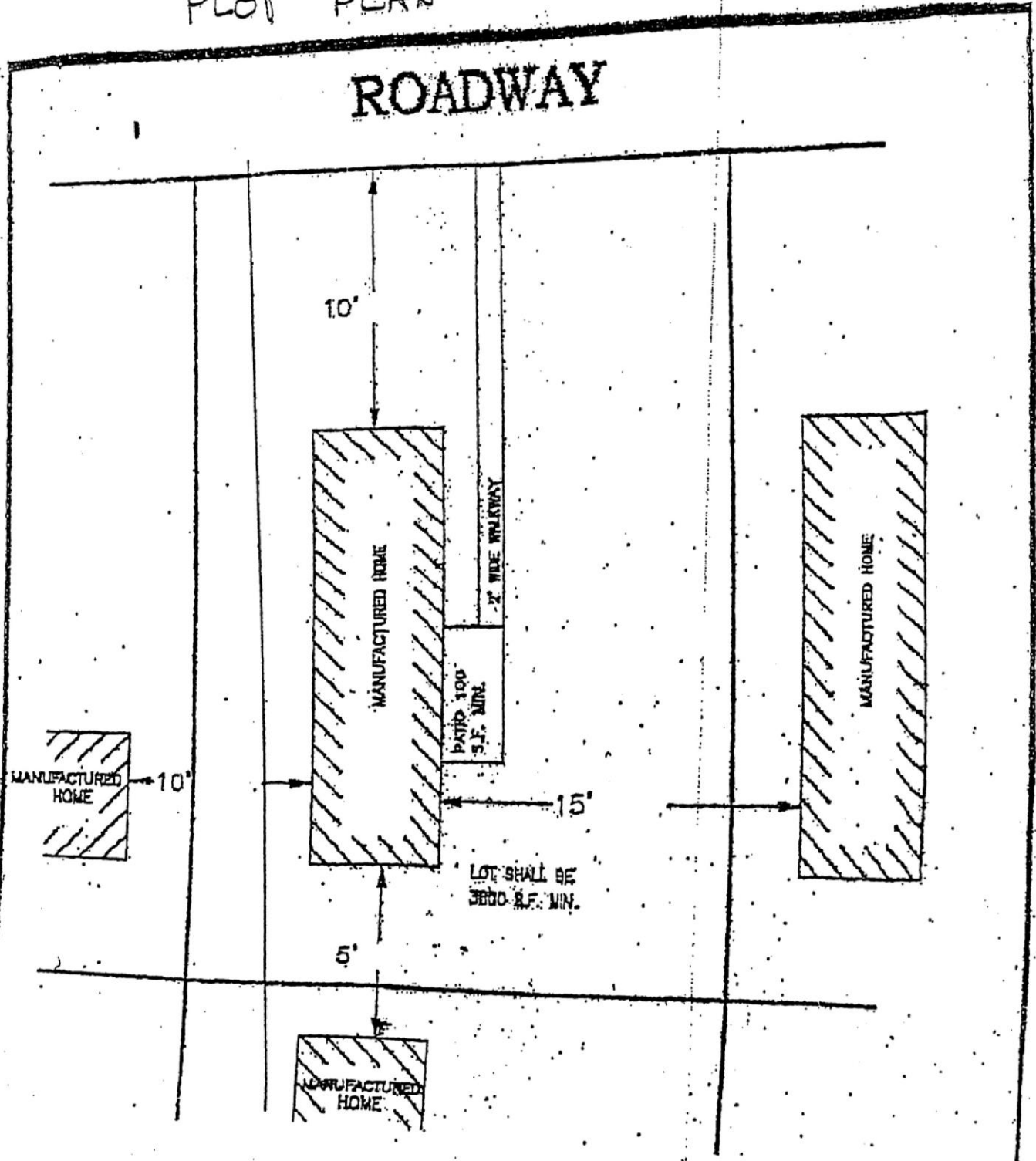
24 IN. (MIN)  
 SEE PIER FOOTING CAPACITY CHARTS REFER TO INSTALLATION STANDARDS SECTION

POURED CONCRETE FOOTING

#3 REBAR @ 12" O.C. EACHWAY - ISOLATED PIER (RECOMMENDED)



PLOT PLAN

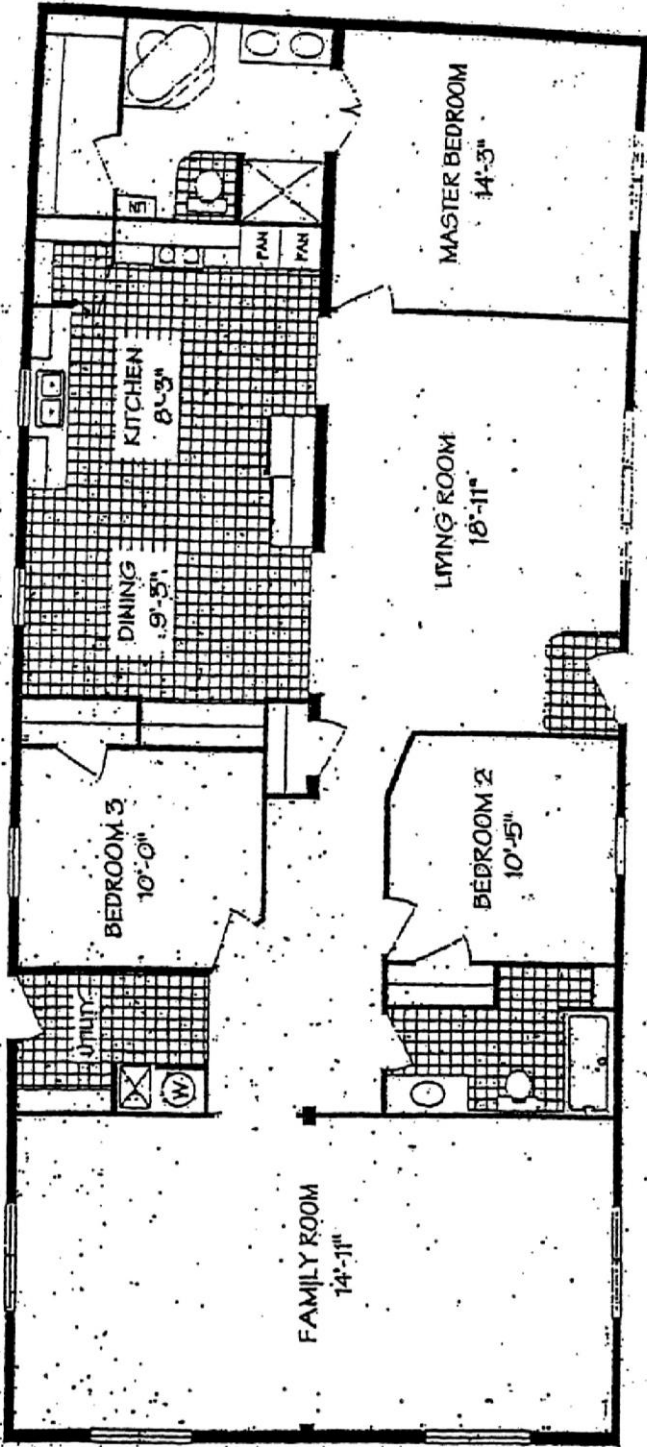


SAMPLE PLAN

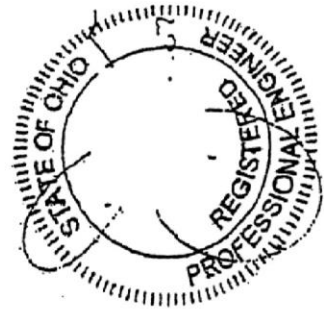
LOT LAYOUT

# FLOOR LAYOUT (SHOW DIMENSIONS)

4



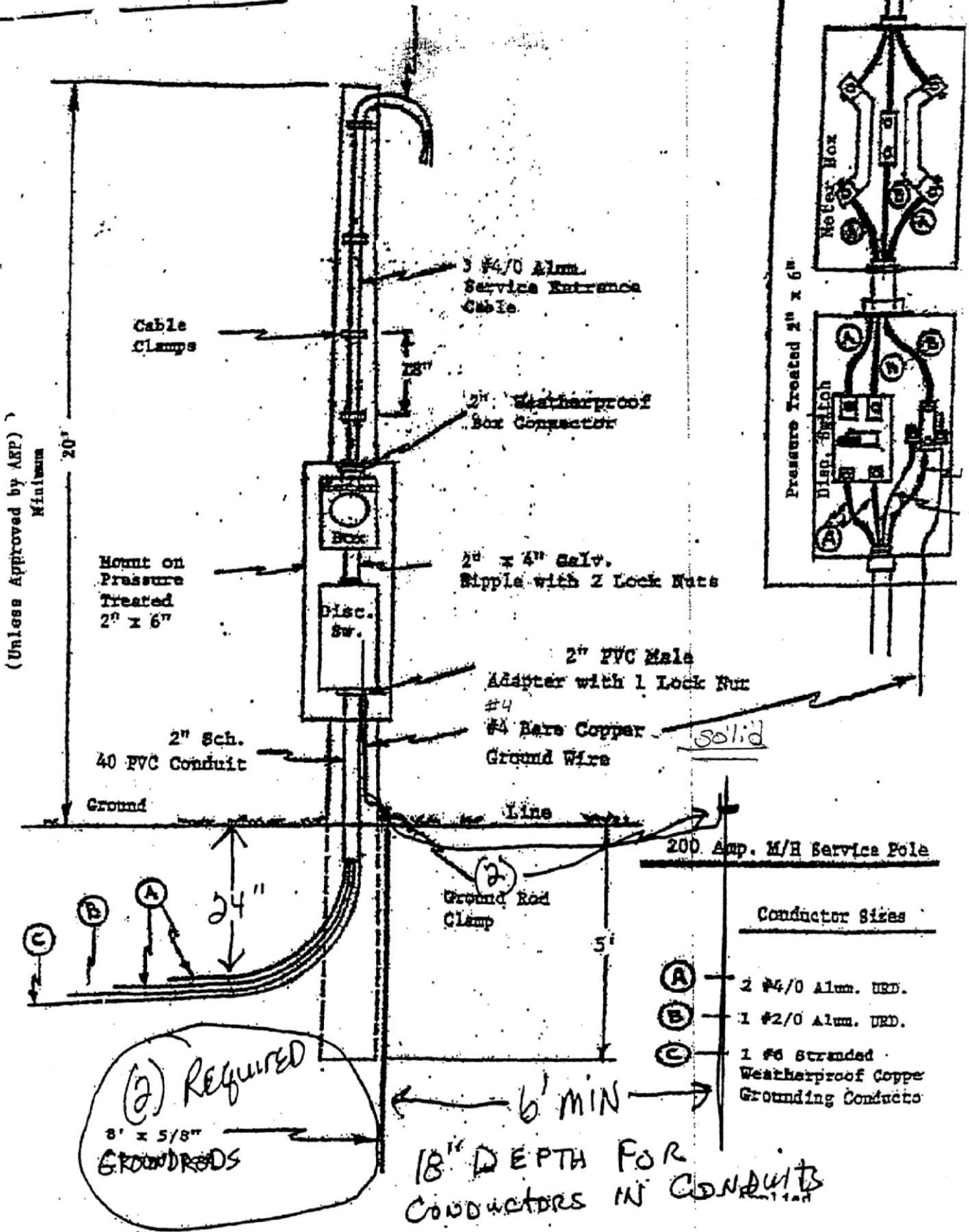
Sq. Ft. x 70





ON ALU. Conductors  
Leaves 2 ft. Excess  
Wire at Top of Pole

Service Entrance  
Cable



(Unless Approved by ARP)  
Minimum  
20'

Mount on  
Pressure  
Treated  
2" x 6"

2" Sch.  
40 PVC Conduit

Ground

24"

(2) Required  
8" x 5/8"  
GROUNDRODS

3 #4/0 Alum.  
Service Entrance  
Cable

Cable  
Clamps

18"

2" Weatherproof  
Box Connector

2" x 4" Galv.  
Nipple with 2 Lock Nuts

Disc.  
Sw.

2" PVC Male  
Adapter with 1 Lock Nut

#4 Bare Copper  
Ground Wire

solid

Line

200 Amp. M/H Service Pole

(2)  
Ground Rod  
Clamp

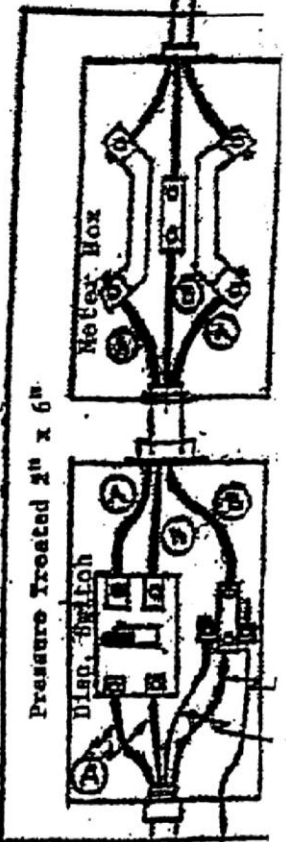
5'

6' MIN

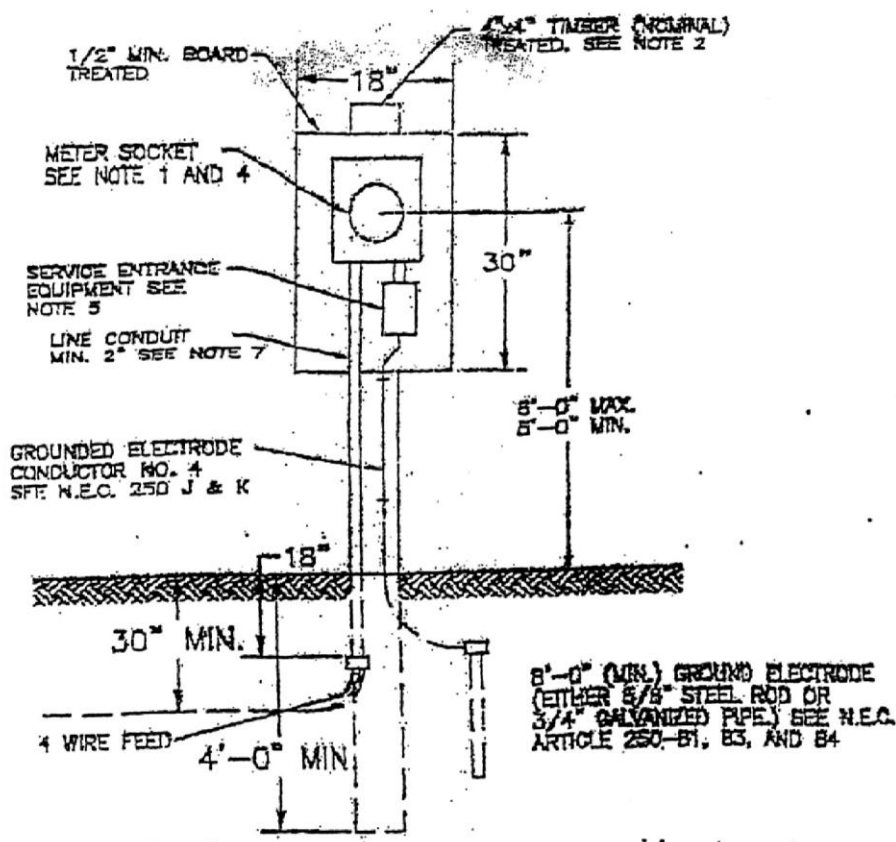
18" DEPTH FOR  
CONDUCTORS IN CONDUITS

Conductor Sizes

- (A) 2 #4/0 Alum. URD.
- (B) 1 #2/0 Alum. URD.
- (C) 1 #6 Stranded  
Weatherproof Copper  
Grounding Conducts







**SPECIAL NOTE:**  
OHIO LAW REQUIRES CUSTOMERS TO LOCATE BURIED UTILITIES BEFORE STARTING AN INSTALLATION.

- NOTE:**
1. DO NOT WIRE THRU BACK OF METER SOCKET. SOCKET TO BE SECURELY MOUNTED BY CUSTOMER IN A PLUMB POSITION. CUSTOMER TO FURNISH AND INSTALL CONDUIT AND ALL OTHER EQUIPMENT, INCLUDING SERVICE AND GROUNDING FACILITIES.
  2. THE POST TO BE INSTALLED AT A LOCATION TO BE DESIGNATED BY POWER COMPANY.
  3. CONNECTION OF CUSTOMER CONDUCTORS TO POWER COMPANY FACILITIES SHALL BE THE RESPONSIBILITY OF THE POWER COMPANY.
  4. ALUMINUM ELECTRICAL JOINT COMPOUND SHALL BE APPLIED TO ALL ALUMINUM CONDUCTORS BEFORE INSTALLING IN TERMINALS OF METER SOCKET. SEE N.E.C. 110-14
  5. WEATHER-PROOF (OR COVERED) SERVICE ENTRANCE EQUIPMENT UL LISTED WITH FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER, 4 WIRE, SIZE AS REQUIRED MOUNTED ON A BOARD BASE. SEE N.E.C. ARTICLE 305. 100 AMP (MIN.)
  6. POWER COMPANY DESIGNATED LOCATION OF TRENCH FOR SERVICE INSTALLATION.
  7. LINE CONDUIT MAY BE GALVANIZED RIGID STEEL OR RIGID NONMETALLIC CONDUIT (PVC) LISTED FOR THE USE (SCHEDULE 30 OR BETTER) EMT AND IMC SHALL NOT BE USED FOR LINE CONDUIT.

<h1>ELECTRIC SERVICE</h1>
STANDARD DWG. NO. <b>MH-12</b>

NEED TO SHOW SERVICE SIZE  
 2) " " " WIRE SIZE