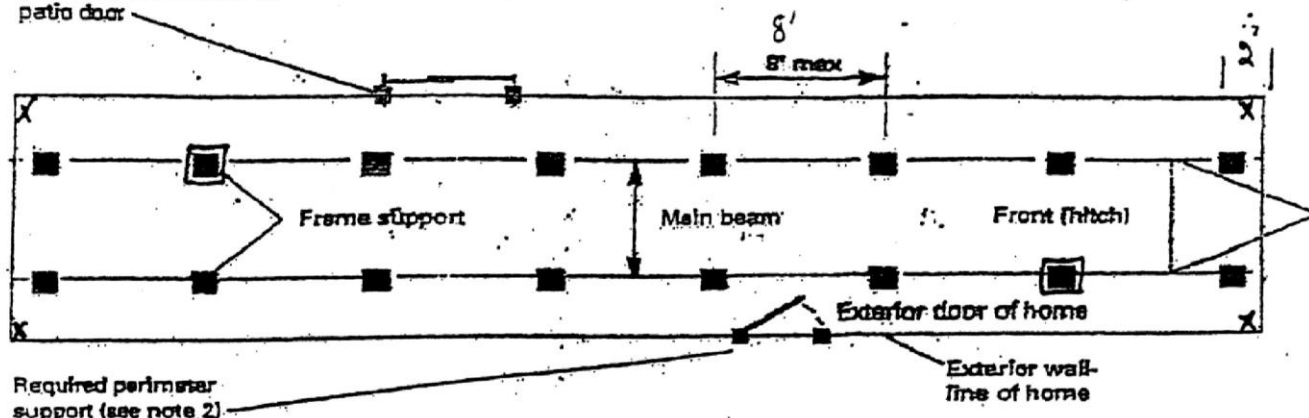


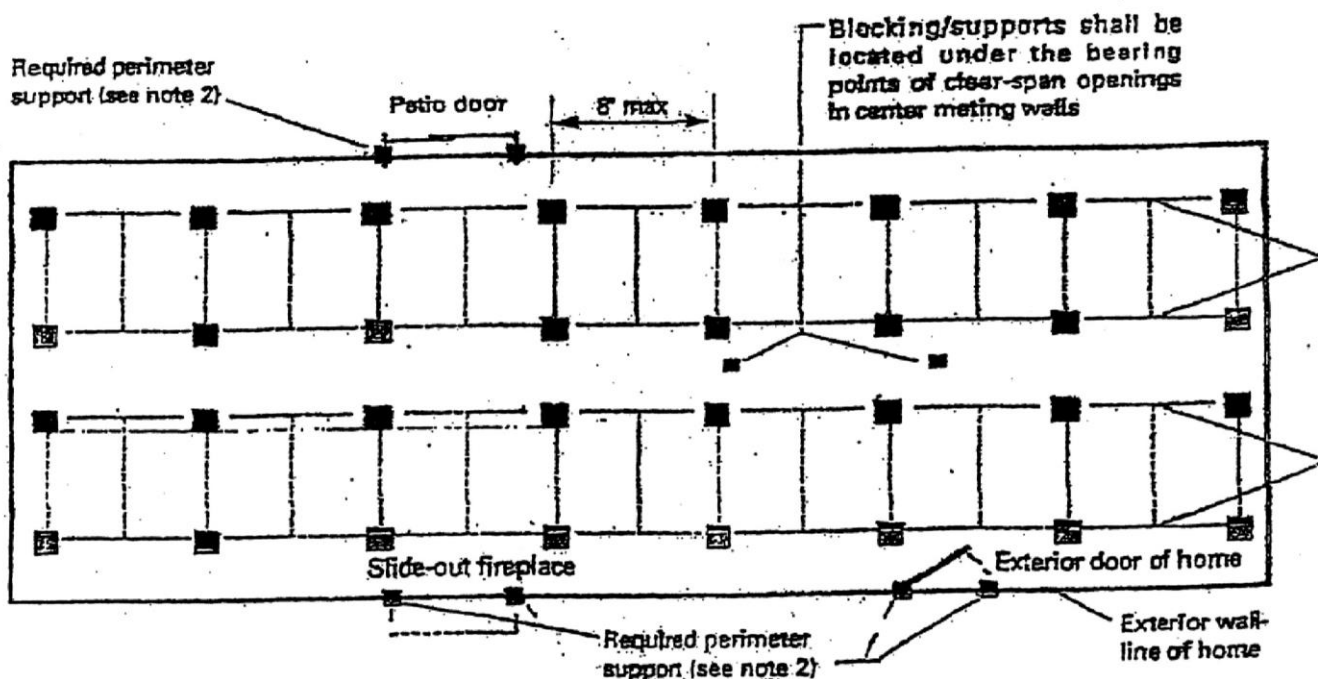
X - STRAP & ANCHOR TIE DOWNS or STRAP & ANCHORS ALT SYSTEM AT 2ND PIER

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



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.

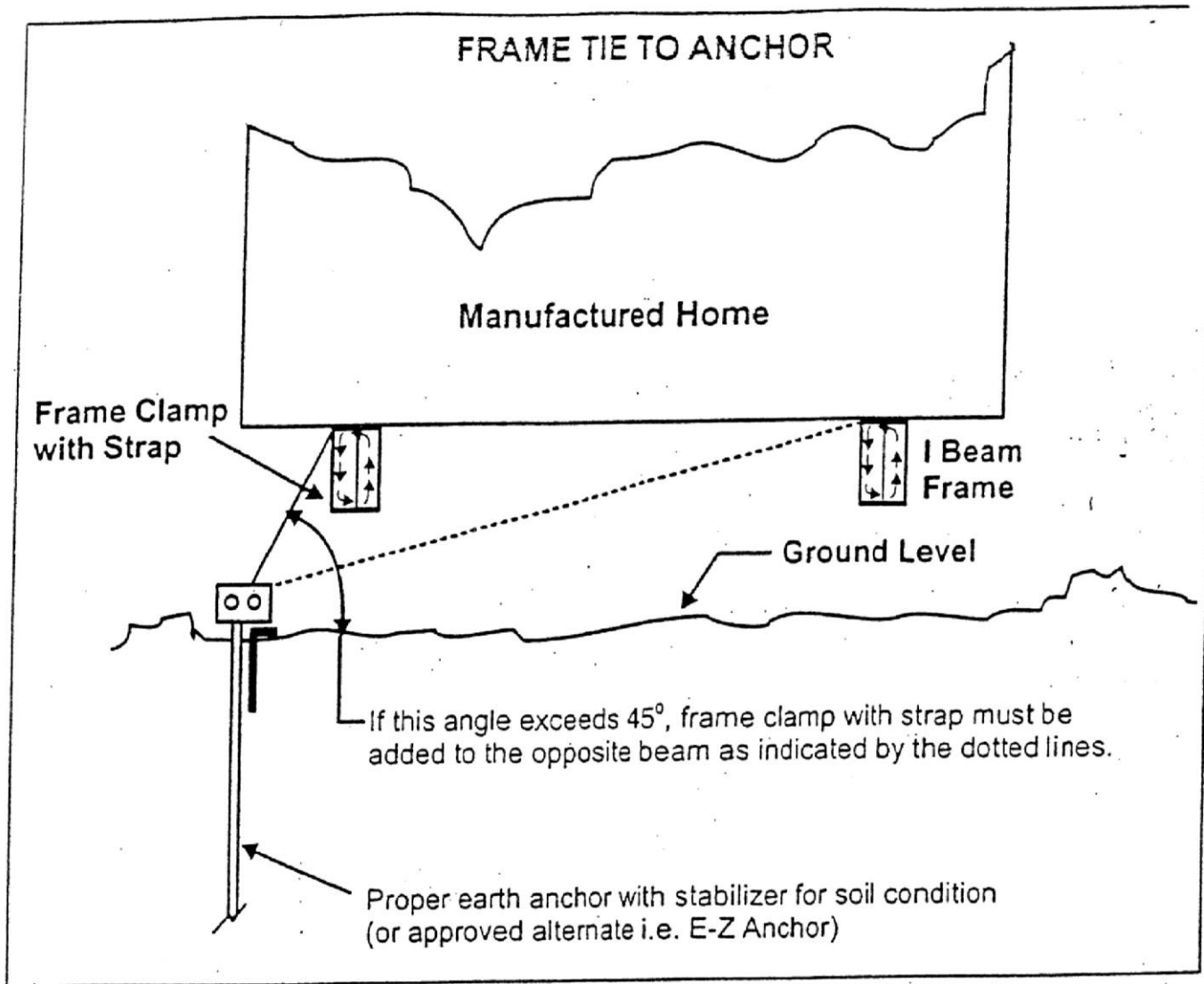


Typical blocking diagrams for multi-section home when manufacturer's installation instructions are not available

Blocking Diagrams

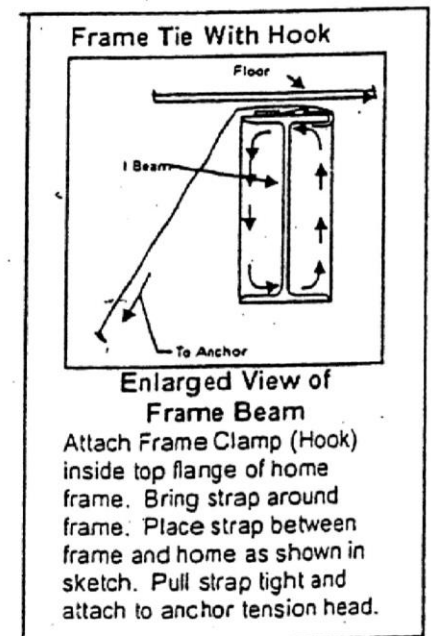
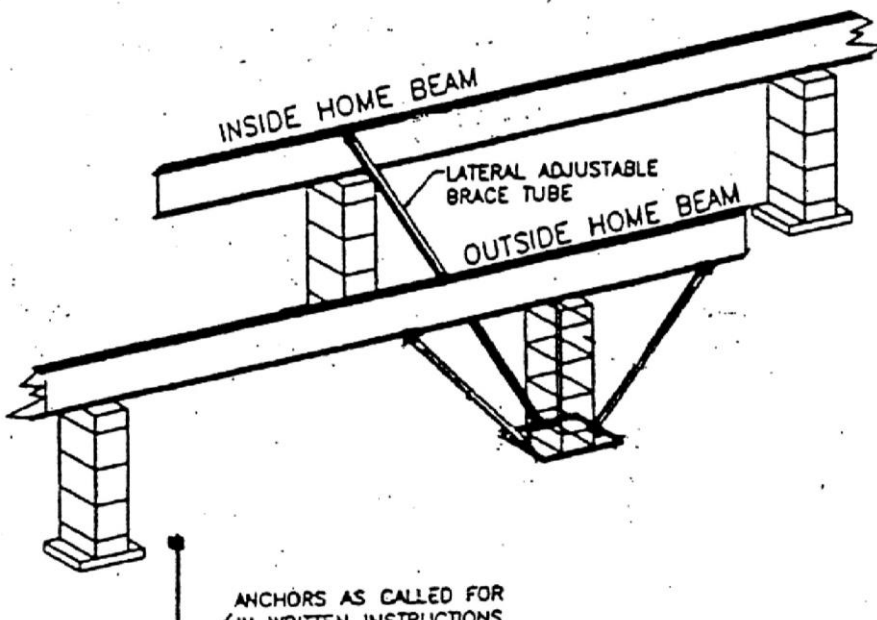
(Not to scale)

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



ALTERNATE SYSTEM

LONGITUDINAL & LATERAL BRACING SYSTEM



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))

HOME I-BEAM

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

4 HOLLOW BLOCKS (MAX)

6 MIL VAPOR
RETARDER

2 IN. GRAVEL (MIN)
(SEE 4781-6-2.2(D)(3)(d))
GRADE

GRADE

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 ϕ OF BEAM.

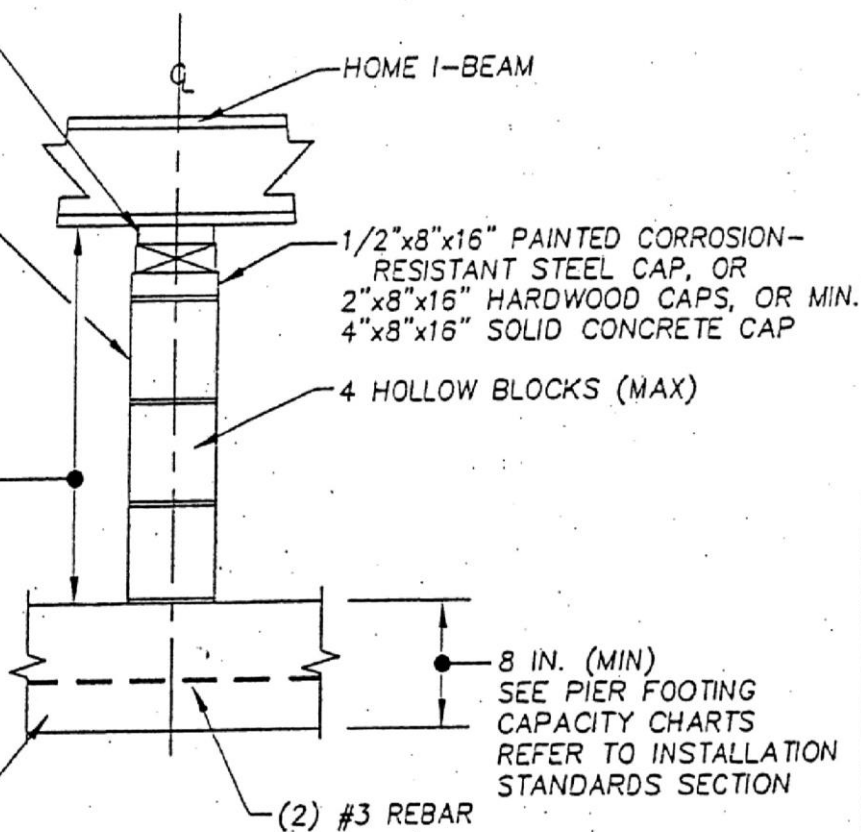
NOTE:

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".

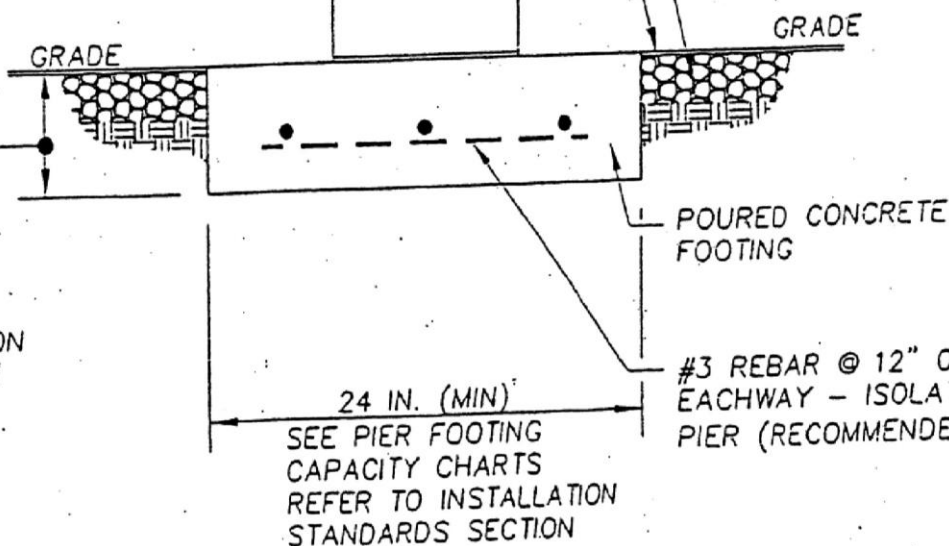
* SINGLE SET BLOCK ALLOWABLE FOR 4 BLOCK HIGH MAXIMUM

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

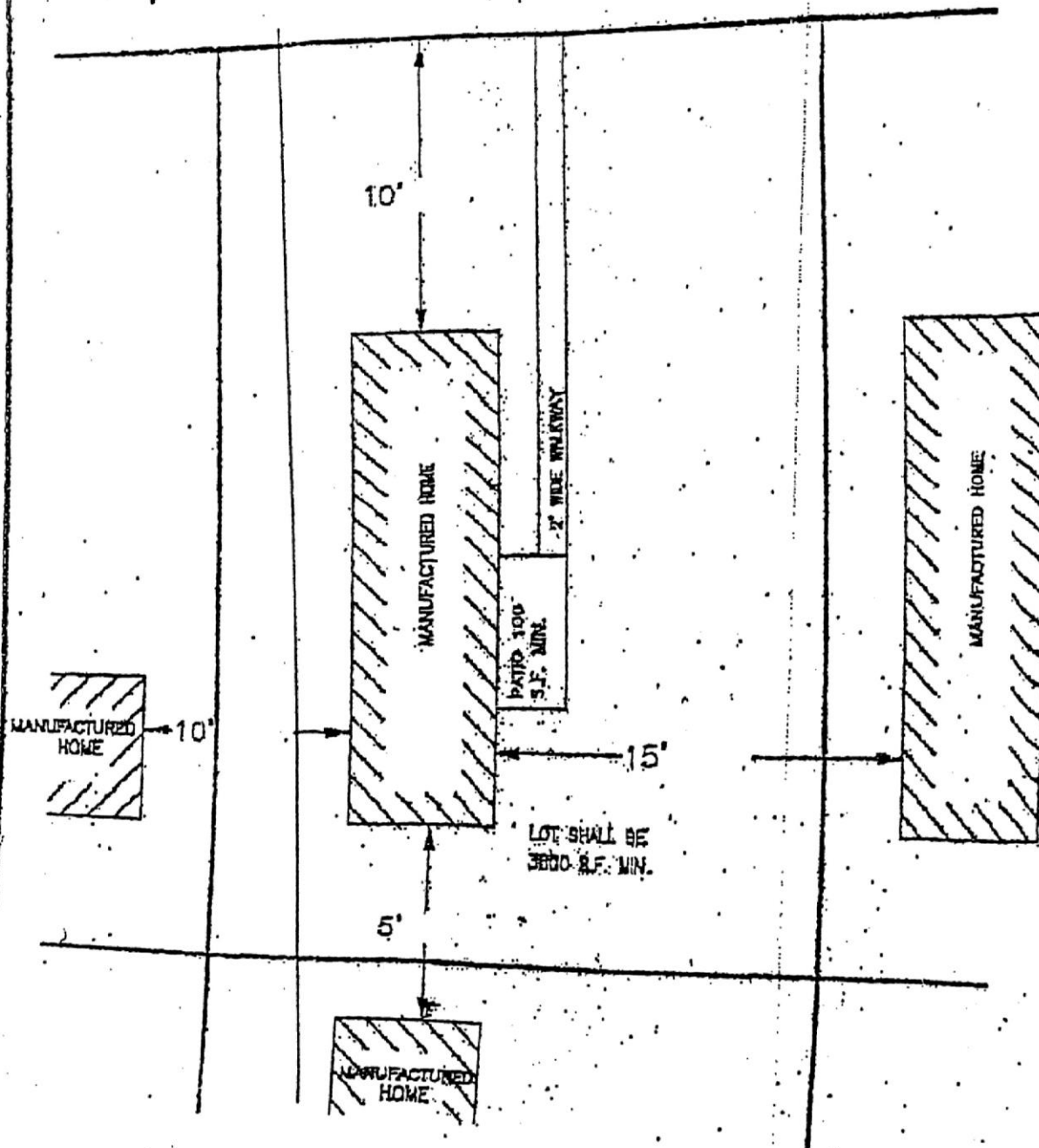
2 IN. GRAVEL (MIN)
(SEE 4781-6-02.2(D)(3)(d))

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



PLOT PLAN

ROADWAY

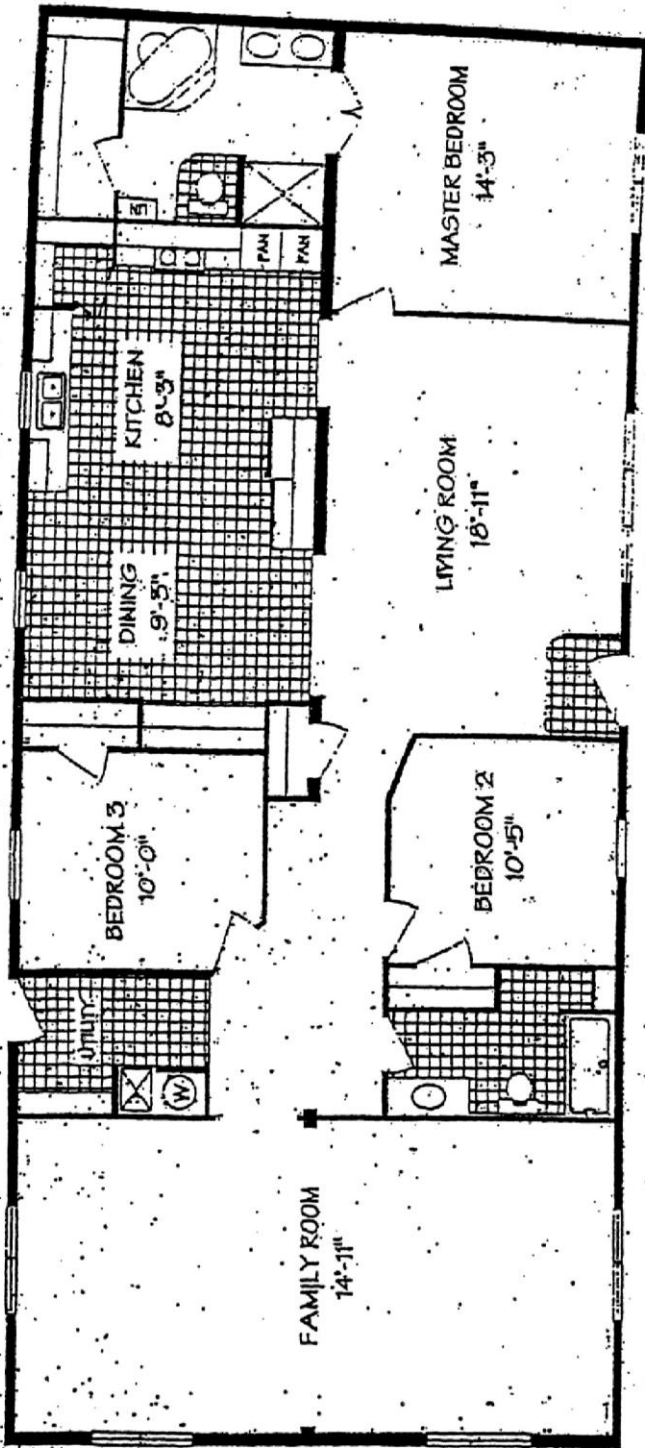


SAMPLE PLAN

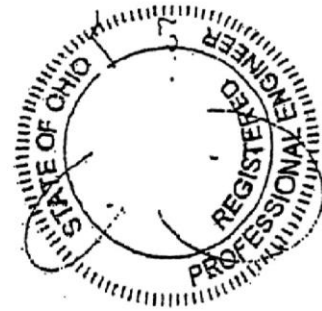
LOT LAYOUT

FLOOR LAYOUT (SHOW DIMENSIONS)

4



Sq. Ft. x 70

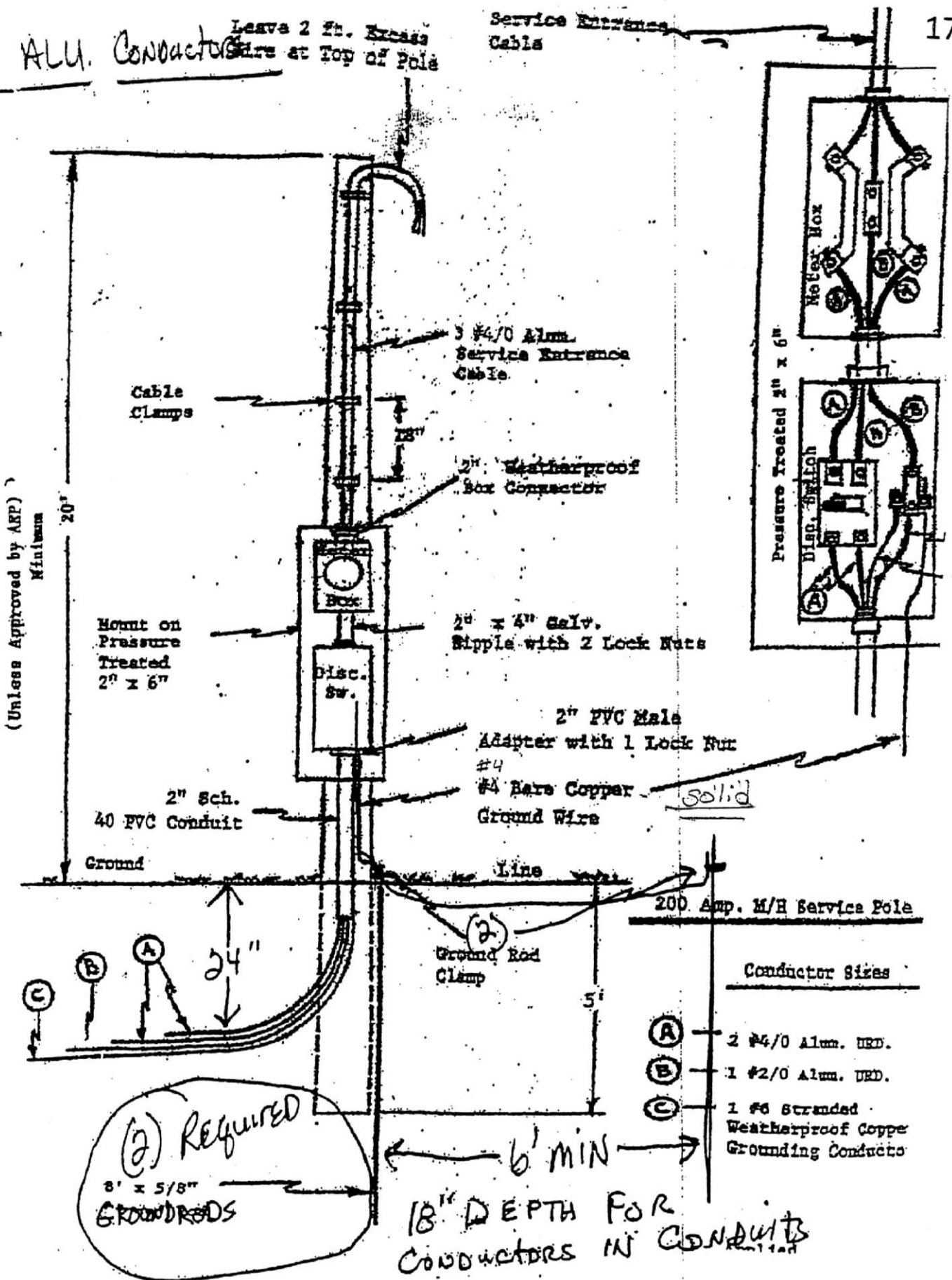


ON ALU. Conductors

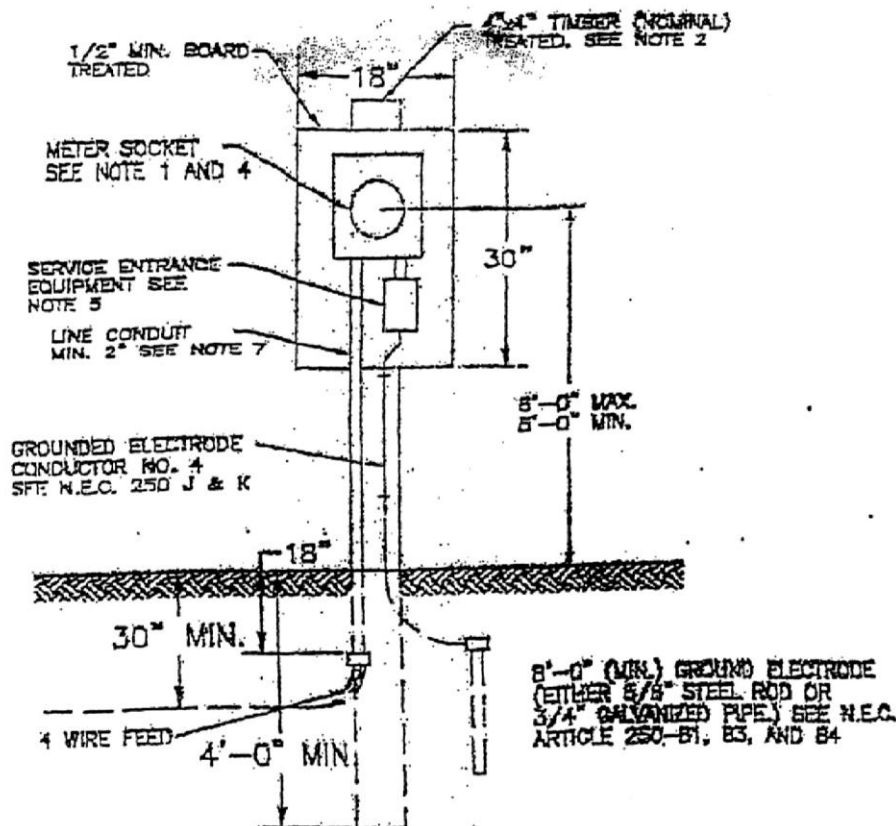
Leaves 2 ft. Excess Wire at Top of Pole

Service Entrance Cable

17



(Unless Approved by ARP) Minimum

**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.

ELECTRIC SERVICE

STANDARD
DWG. NO.
MH-12

NEED TO SHOW SERVICE SIZE
WIRE SIZE