Doc 090-vB041522-0518



Manufactured (HUD) Home Installation Permit & Plan Review Application

Home and Site Information				🛛 In a Park	Private Site
Site Address					
□ New Home □ Reinstall	Used Home	□ Single	Section	□ Multi-S	ection
Home Manufacturer's Name	Siz	ze	Date of	Manufacture	
Foundation Type: D New Engineered Slab		sting gineered b	🗆 Frost I	Depth Footings	Ground Set
Applicant Information					
Applicant Name	Address			City State Zip	
Applicant is: Licensed Installer Owner of Manufactured Park	Email			Phone Number	
Installer Information					
Installer Name	Address			City State Zip	
License Number	Email			Phone Number	
Installer is Responsible	🗆 And	choring	□ Support	Plumbing	Mechanical
Means of Egress (Landings, Steps, Guards Plans must be submitted, reviewed, and a sep			ne the installa	tion permit is issued	ł.
Who is responsible for the construction of the	Means of Egre	ess?			
□ Licensed Contractor □ P.	ark	□ Own park)		in park – need auth	orized in writing by
Name Attach Plans for Means of Egress	Address (include	e City State Zi _l	o)		
-	Email		Phone N	lumber	
					Construction

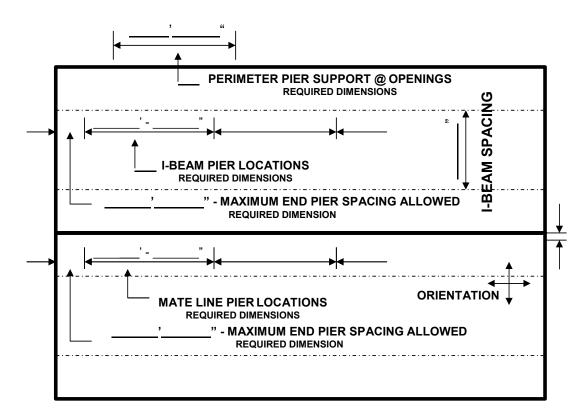
duluthmn.gov/csi | 218-730-5240 | permittingservices@duluthmn.gov

I:\DEVELOPMENT\ConstSvcs\FORMS and INFO OUT\Current Handouts\EDITABLE VERSIONS\Form - Manufactured (HUD) Home Installation Permit & Plan Review Application 90.docx



Plumbing, Electrical and Mechanical Information (separate permits are required)				
Plumbing	□ Licensed Installer	🗆 Plumber		
			Name	Phone Number
Electrical (mu	st be MN licensed electr	ical contractor)		
			Name	Phone Number
Mechanical	🛛 Owner	Mechanical		
		Contractor	Name	Phone Number
Applicant Sign	ature		Date	
this type of wo	ork will be complied with	whether specified herei	•	visions of law and ordinances governing permit does not give authority to violate callations.

DOUBLE-WIDE SUPPORT PIER PLAN (TYPICAL)



MAXIMUM GAP ALLOWED – FLOOR ______ MAXIMUM GAP ALLOWED – CEILING ______ MAXIMUM GAP ALLOWED – RIDGE ______

MANUFACTURER INFORMATION

Name ______ Home Size ______ Maximum I-Beam Spacing ______ Door Openings ______ I-Beam Loading PLF _____ Maximum End Support (I-Beam) ______ Ground Moisture Control (Yes or No) ______ Mate Line Loads _____ Grading to Slope **AWAY** from Home

SOIL INFORMATION

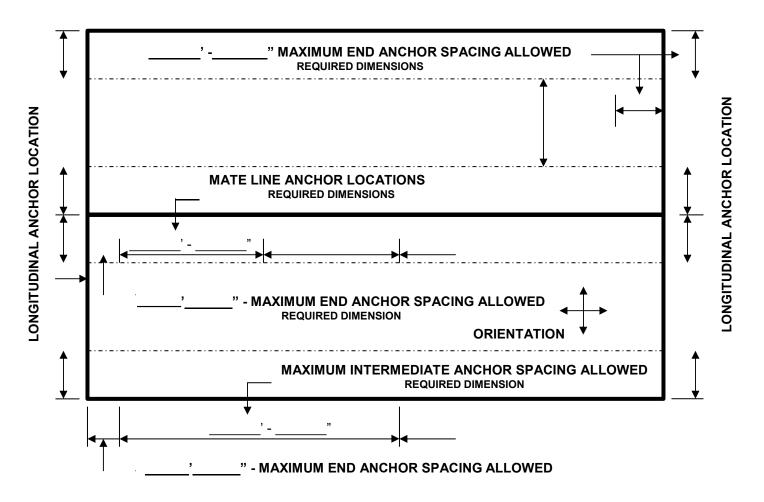
Classification Number _____ Soil Bearing Capacity _____

FOOTING INFORMATION

I-Beam _____ x ____ x ____

Mate Line _____ x _____ x _____

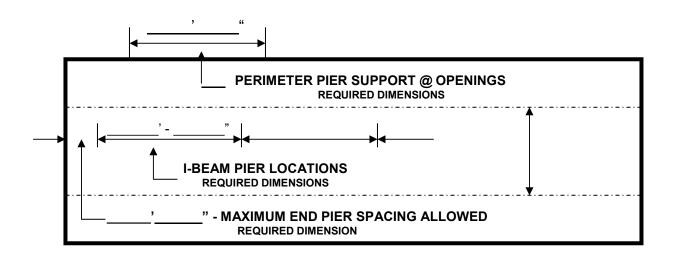
DOUBLE-WIDE ANCHORING PLAN (TYPICAL)



MANUFACTURER INFORMATION	ANCHORING
Name	Anchor Manu
Home Size	Lateral Ancho
Maximum I-Beam Spacing	Anchor P.N.
Maximum Anchor Spacing	Connector P.N
SOIL INFORMATION	Longitudinal /
Classification Number	Anchor P.N.
Soil Bearing Capacity	Connector P.N
ANCHORING INFORMATION	Number Per E
Exterior Wall Height	Mate Line
Roof Pitch	Lateral Ancho
Height from Ground to Frame Connection	Anchor P.N.
	Connector P.N
	*P.N. = Part o

NCHORING INFORMATION Continued
nchor Manufacturer
teral Anchors Required? YES or NO
nchor P.N
onnector P.N
ngitudinal Anchors Required? YES or NO
nchor P.N
onnector P.N
umber Per End
ate Line
teral Anchors Required? YES or NO
nchor P.N
nnector P.N
P.N. = Part or Product Number

SINGLE-WIDE SUPPORT PIER PLAN (TYPICAL)



MANUFACTURER INFORMATION

Name
Home Size
Maximum I-Beam Spacing
Door Openings
I-Beam Loading PLF
Maximum End Support (I-Beam)
Ground Moisture Control (Yes or No)
Grading to Slope AWAY from Home

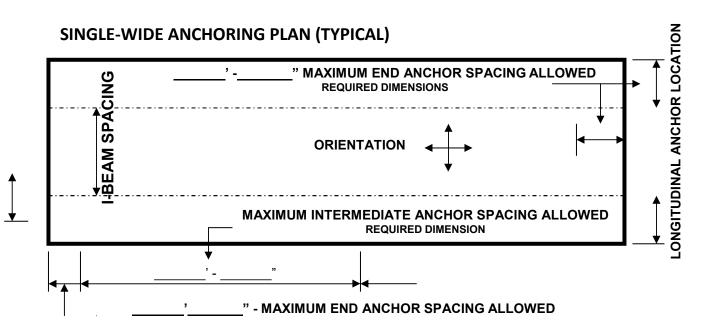
SOIL INFORMATION

Classification Number

Soil Bearing Capacity _____

FOOTING INFORMATION

I-Beam _____ x _____ x _____



MANUFACTURER INFORMATION Name Name Size Home Size Maximum I-Beam Spacing Maximum Anchor Spacing Soil INFORMATION Classification Number Soil Bearing Capacity ANCHORING INFORMATION Exterior Wall Height Roof Pitch Height from Ground to Frame Connection

ANCHORING INFORMATION Continued Anchor Manufacturer ______ Lateral Anchors Required? YES or NO ______ Anchor P.N. _____ Connector P.N. _____ Longitudinal Anchors Required? YES or NO _____

Anchor P.N.

Connector P.N.

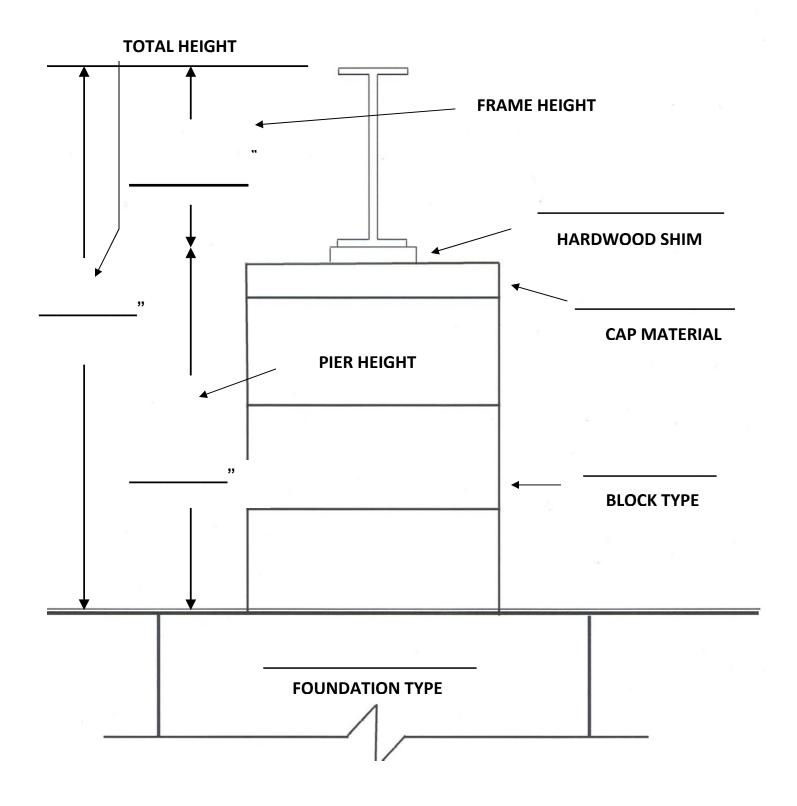
Number Per End

*P.N. = Part or Product Number

FROST DEPTH PIER SECTION VIEW FORM/DIAGRAM

CARDB	OARD FOI	
EXISTING GRADE		
	DEPTH 'BELOW" GRADE	
		ALTERNATE "BELLED" FOOTING
" •"		"
SOIL CLASSIFICATION		
SOIL BEARING CAPACITY _	· · · · · · · · · · · · · · · · · · ·	PSF
FOOTING AREA	_ SQUAF	RE INCH
SOILS TOTAL LOAD CAPAC	ITY	
PSI CONCRETE		

FRAME PIER SECTION VIEW FORM/DIAGRAM



Notice of Reinstalling of a Single-Section Used Manufactured Home Above the Frost-Line

WHICH MAY VOID WARRANTY

It is recommended that the single-section used manufactured home being reinstalled follow the instructions in the manufacturer's installation manual. By signing this notice, the owner(s) or purchaser(s) are acknowledging they have elected to use footings placed above the local frost line* in accordance with the Minnesota State Building Code. The seller or installer has explained the differences between the manufacturer's installation instructions and the installation system selected by the owner(s) or purchaser(s) with respect to possible effects of frost on the manufactured home.

The owner(s) or purchaser(s) acknowledge by signing this notice that there is no manufacturer's original warranty remaining on the home and recognize that any other extended or ancillary warranty could be adversely affected if any applicable warranty stipulates that the home be installed in accordance with the manufacturer's installation manual to remain effective.

After the reinstallation of the manufactured home, it is highly recommended that the owner(s) or purchaser(s) have a licensed manufactured home installer recheck the home's installation for any re-leveling needs or anchoring system adjustments each freeze-thaw cycle.

The owner(s) or purchaser(s) of the used manufactured home described below that is being reinstalled acknowledge they have read this notice and have been advised to contact the manufacturer of the home and/or the Department of Labor and Industry if they desire additional information before signing this notice.

It is the intent of this notice to inform the owner(s) or purchaser(s) that the owner(s) or purchaser(s) elected not to use a frost-protected foundation system for the reinstallation of the manufactured home as originally required by the home's installation manual.

*In Duluth, required footing depth for frost protection is 60 inches (5 feet)

Plain language notice

I understand that because this home will be installed with footings placed above the local frost line, this home may be subject to adverse effects from frost heave that may damage this home.

Owner(s) or Purchaser(s) initials: _____

I understand that the installation of this home with footings placed above the local frost line could affect my ability to obtain a mortgage or mortgage insurance on this home.

Owner(s) or Purchaser(s) initials:

I understand that the installation of this home with footings placed above the local frost line could void my warranty on the home if any warranty is still in place on this home.

Owner(s) or Purchaser(s) initials: _____

Printed name(s) of Owner(s) or Purchaser(s)

Signatures of Owner(s) or Purchaser(s)

Date _____

Street address and City of reinstallation of manufactured home

Name of Home Manufacturer_____

Model number_____Year of Manufacture_____

Serial Number_____

Name of licensed installer or homeowner responsible for installation

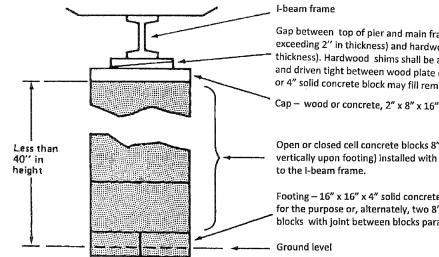
Installer License Number_____

Manufactured Home Support Pier Requirements

from Minnesota State Building Code Section 1350.3300

1350.3300 PIER SPECIFICATIONS.

Subpart 1. Piers less than 40 inches tall.



Gap between top of pier and main frame may be a wood plate (not exceeding 2" in thickness) and hardwood shims (not exceeding 1" in thickness). Hardwood shims shall be at least 4" wide and 6" long, fitted and driven tight between wood plate or pier and main frame. Two inch or 4" solid concrete block may fill remainder of any gap.

Open or closed cell concrete blocks 8" x 8" x 16" (open cells placed vertically upon footing) installed with 16" dimension perpendicular

Footing - 16" x 16" x 4" solid concrete or other product approved for the purpose or, alternately, two 8" x 16" x 4" solid concrete blocks with joint between blocks parallel to the steel I-beam frame.

Footing placed on firm undisturbed soil or on controlled fill free of grass and organic materials compacted to a minimum load-bearing capacity of 2000 PSF.

For piers less than 40 inches in height (except corner piers over 3 blocks high). Piers shall be securely attached to the frame of the mobile home or shall extend at least 6 inches from the centerline of the frame member.

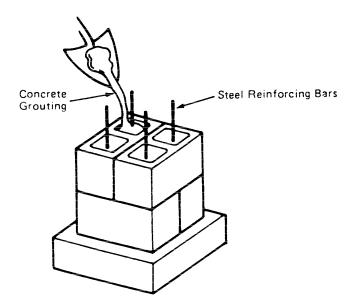


Figure A-14. For piers exceeding 80 inches in height the concrete blocks must be filled with concrete grouting and steel reinforcing rods Figure A--4. utilized.