

# Mobile Home Permit Worksheet

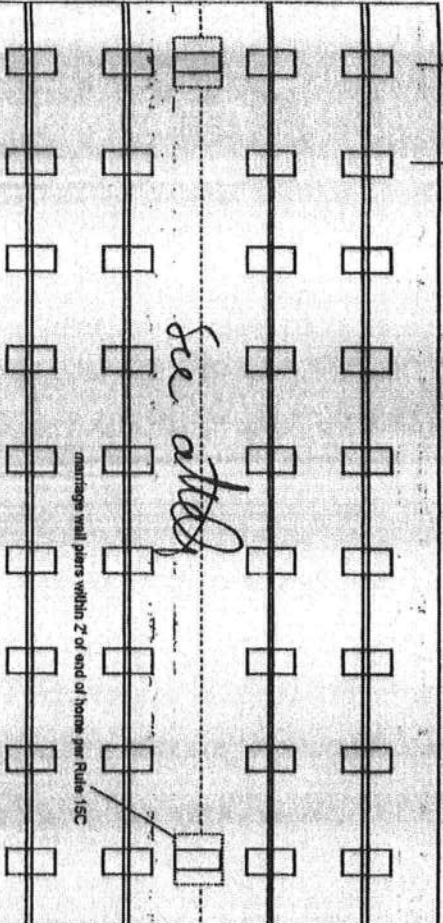
Installer: Wendell Crews License # 1H1D25316

Address of home being installed \_\_\_\_\_

Manufacturer Cavalier Length x width 32x44

NOTE: If home is a single wide fill out one half of the blocking plan. If home is a triple or quad wide sketch in remainder of home. Understand Lateral Arm Systems cannot be used on any home (new or used) where the sidewall lies exceed 5 ft 4 in.

Typical pier spacing \_\_\_\_\_ Installer's initials WC



11/19/2020

*[Signature]*

Application Number: \_\_\_\_\_

Date: \_\_\_\_\_

New Home ☒ Used Home ☐ Home installed to the Manufacturer's Installation Manual Home is installed in accordance with Rule 15-C

Single wide ☐ Wind Zone II ☒ Wind Zone III ☐ Double wide ☒ Installation Decal # 31029 Triple/Quad ☐ Serial # CCV080422ALAB

## PIER SPACING TABLE FOR USED HOMES

Load bearing capacity (sq in)	Footer size (256)	18 1/2" x 18 (342)	20" x 20" (400)	22" x 22" (484)	24" x 24" (576)	26" x 26" (676)
1000 psf	3"	4"	5"	6"	7"	8"
1500 psf	4"	5"	6"	7"	8"	8"
2000 psf	5"	6"	7"	8"	8"	8"
2500 psf	6"	7"	8"	8"	8"	8"
3000 psf	7"	8"	8"	8"	8"	8"
3500 psf	8"	8"	8"	8"	8"	8"

\* Interpolated from Rule 15C-1 pier spacing table.

## PIER PAD SIZES

I-beam pier pad size 17x25  
Perimeter pier pad size N/A  
Other pier pad sizes (required by the mfg.) 16x16  
DOOR

Draw the approximate locations of marriage wall openings 4 foot or greater. Use this symbol to show the piers.

Pad Size	Sq In
16 x 16	256
16 x 18	288
18.5 x 18.5	342
16 x 22.5	360
17 x 22	374
13 1/4 x 26 1/4	348
20 x 20	400
17 3/16 x 25 3/16	441
17 1/2 x 25 1/2	446
24 x 24	576
26 x 26	676

List all marriage wall openings greater than 4 foot and their pier pad sizes below.

Opening \_\_\_\_\_ Pier pad size \_\_\_\_\_

ANCHORS

4 ft ☒ 5 ft

FRAME TIES

N/A within 2' of end of home spaced at 5' 4" oc

TIEDOWN COMPONENTS

OTHER TIES

Longitudinal Stabilizing Device (LSD) \_\_\_\_\_  
Manufacturer \_\_\_\_\_  
Longitudinal Stabilizing Device w/ Lateral Arms \_\_\_\_\_  
Manufacturer Oliver W01V-6 \_\_\_\_\_  
Sidewall \_\_\_\_\_  
Longitudinal Marriage wall \_\_\_\_\_  
Shearwall \_\_\_\_\_  
Number 02



# Mobile Home Permit Worksheet

Application Number: \_\_\_\_\_

Date: \_\_\_\_\_

## POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to 1500 psf or check here to declare 1000 lb. soil without testing.

x 1500 x 1500 x 1501

## POCKET PENETROMETER TESTING METHOD

1. Test the perimeter of the home at 6 locations.
2. Take the reading at the depth of the footer.
3. Using 500 lb. increments, take the lowest reading and round down to that increment.

x 1500 x 1500 x 1500

## TORQUE PROBE TEST

The results of the torque probe test is N/A inch pounds or check here if you are declaring 5' anchors without testing. A test showing 275 inch pounds or less will require 5 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. I understand 5 ft. anchors are required at all centerline the points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb holding capacity.

Installer's initials

## ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name

Wendell Crews

Date Tested

10-6-20

Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between multi-wide units. Pg. 31

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg. 29

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg. 28



## Site Preparation

Debris and organic material removed ☒ Swale ☒ Pad ☒ Other ☒

Fastening multi wide units

Type Fastener: 16g Length: 3 1/2" Spacing: 16" o.c.  
Type Fastener: SC-4 Length: 3 1/2" Spacing: 16" o.c.  
Type Fastener: 16g Length: 60 Spacing: 2-8-c  
For used homes a min. 30 gauge, 8" wide, galvanized metal strip will be centered over the peak of the roof and fastened with galv. roofing nails at 2' on center on both sides of the centerline.

Gasket (weatherproofing requirement)

I understand a properly installed gasket is a requirement of all new and used homes and that condensation, mold, mildew and buckled marriage walls are a result of a poorly installed or no gasket being installed. I understand a strip of tape will not serve as a gasket.

Installer's initials

Type gasket 16am  
Pg. 13

## Weatherproofing

The bottomboard will be repaired and/or taped. Yes ☒ Pg. 13  
Siding on units is installed to manufacturer's specifications. Yes ☒  
Fireplace chimney installed so as not to allow intrusion of rain water. Yes ☒

## Miscellaneous

Skirting to be installed. Yes ☒ No ☒  
Dryer vent installed outside of skirting. Yes ☒ N/A  
Range downflow vent installed outside of skirting. Yes ☒ N/A  
Drain lines supported at 4 foot intervals. Yes ☒  
Electrical crossovers protected. Yes ☒  
Other: \_\_\_\_\_

Installer verifies all information given with this permit worksheet is accurate and true based on the manufacturer's installation instructions and or Rule 15C-1 & 2

Installer Signature

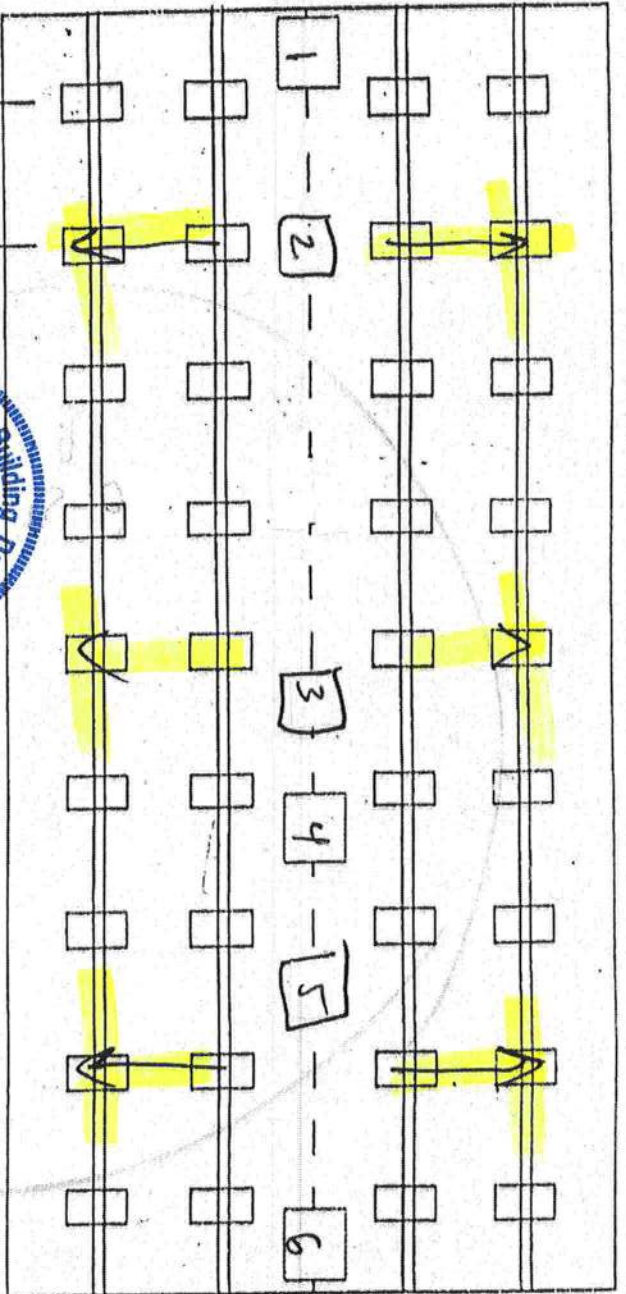
Wendell Crews

Date 10-6-20



# BLOCKING PLAN

Manufacturer Cavalier  
Width x length 32X60



MARRIAGE WALL  
piers & location vary per floor plan

Typical  
spaces at  
oc  
6' 1"  
2' 1"



Soil Bearing Capacity

1500

Probe test / anchor length

280 / 4' ± 5' on loads over 3150 #

I-beam Pier Pad size

17X25

Marriage Wall Pier Pad Sizes

1 16X16 5 16X16

2 24X24 6 16X16

3 24X24 7 16X16

4 16X16 8 16X16

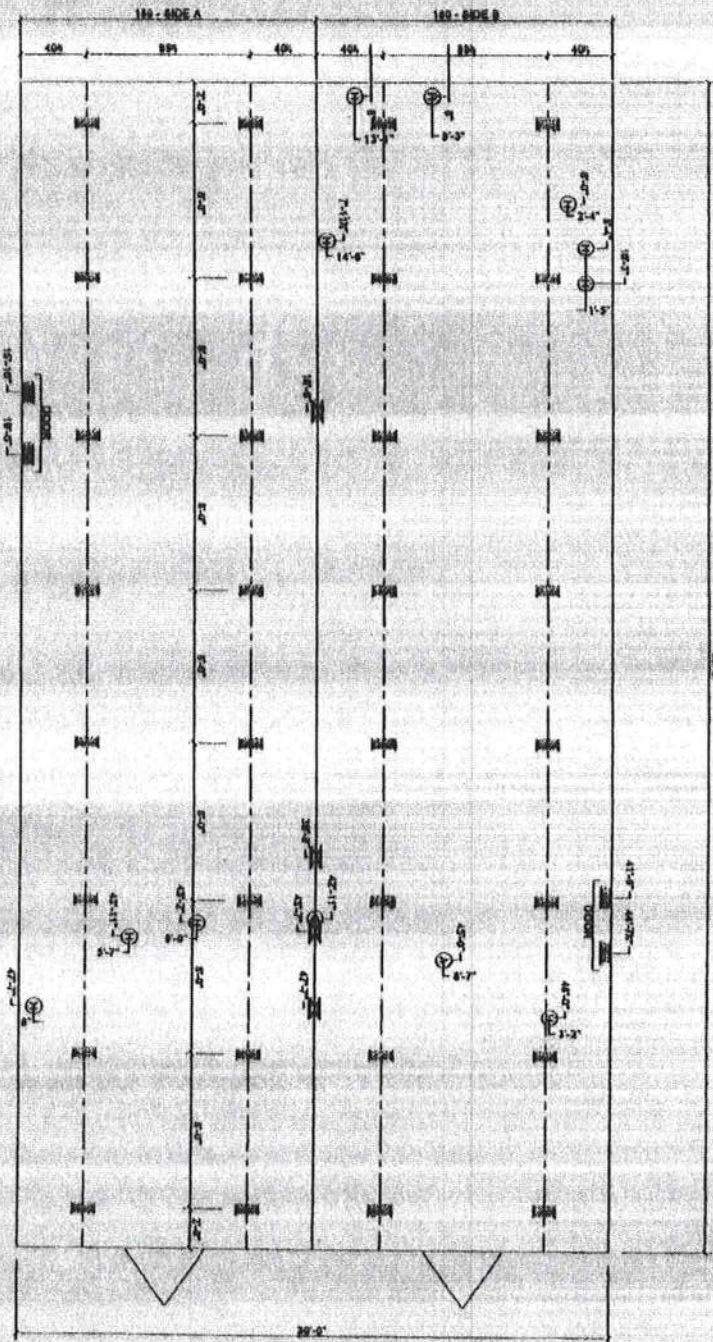
Perimeter Pier Pad Sizes

16X16

DOORS

Pier Spacing based on set-up manual  
for 1000 PSF Soil  
Model 1161 V All Steel Foundation system  
by Oliver Technologies  
4ft ground anchors except where loads  
exceed 3150 lbs. then 5 ft anchors





FOUNDATION NOTES:  
 REFER TO HOME INSTALLATION MANUAL FOR OPTIONAL PER SPACING AND LOADING (E. PIER PLACES, ETC.)  
 SINGLE STACK PIPES MAX. 36" HIGH DOUBLE STACK PIPES MAX. 48" HIGH  
 ALL DIMENSIONS ARE FROM REAR OF HOME UNLESS OTHERWISE NOTED.

**Cavalier Home Builders**  
**MODEL: 6757DT**  
**3-BEDROOM / 2-BATH**

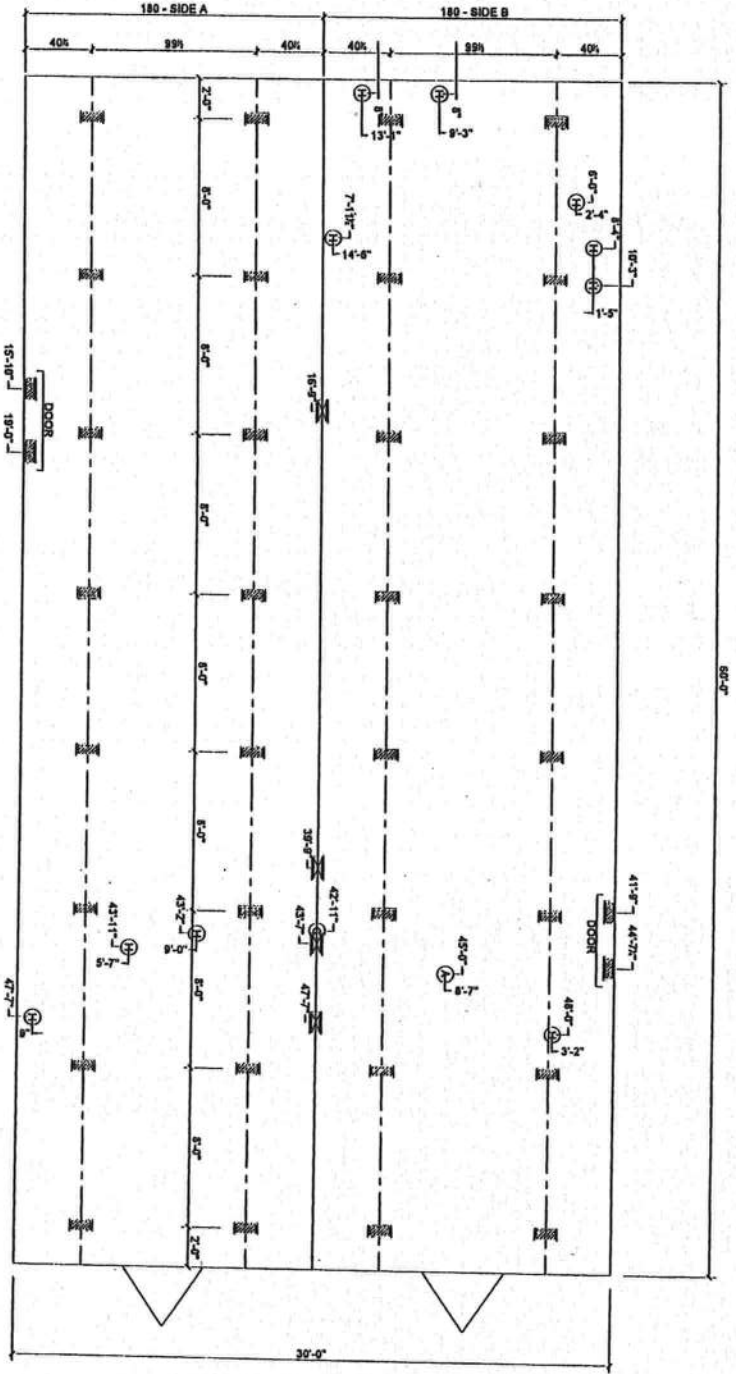
*SOMER*

- ① MAIN ELECTRICAL
- ② ELECTRICAL CROSSOVER
- ③ WATER INLET
- ④ WATER CROSSOVER
- ⑤ GAS INLET
- ⑥ GAS CROSSOVER (IF ANY)
- ⑦ DUCT CROSSOVER
- ⑧ SEWER DROPS
- ⑨ RETURN AIR (W/OUT HEAT PUMP OR DUCT)
- ⑩ SUPPLY AIR (W/OUT HEAT PUMP OR DUCT)



6757DT





FOUNDATION NOTES:  
 REFERENCE HOME INSTALLATION MANUAL FOR OPTIONAL PERMITS SPACING AND LOADING (I.E. FIREPLACES, ETC.)  
 ALL DIMENSIONS ARE FROM HEEL OF HOME UNLESS OTHERWISE NOTED.

**Cavalier Home Builders**  
**MODEL: 6757DT**  
**3-BEDROOM / 2-BATH**

*Sumner*

- (A) MAIN ELECTRICAL
- (B) ELECTRICAL CROSSOVER
- (C) WATER INLET
- (D) WATER CROSSOVER
- (E) GAS INLET
- (F) GAS CROSSOVER (IF ANY)
- (G) DUCT CROSSOVER
- (H) SEWER DROPS
- (I) RETURN AIR (W/OPT. HEAT PUMP OR DUCT)
- (J) SUPPLY AIR (W/OPT. HEAT PUMP OR DUCT)

*[Handwritten signature]*

6757DT