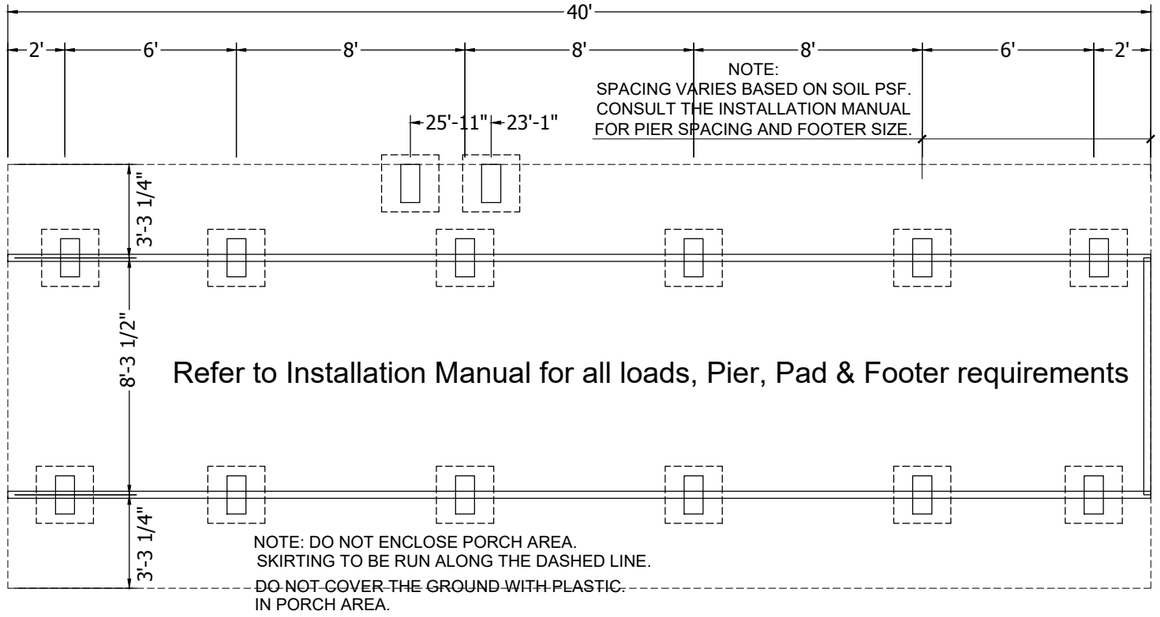
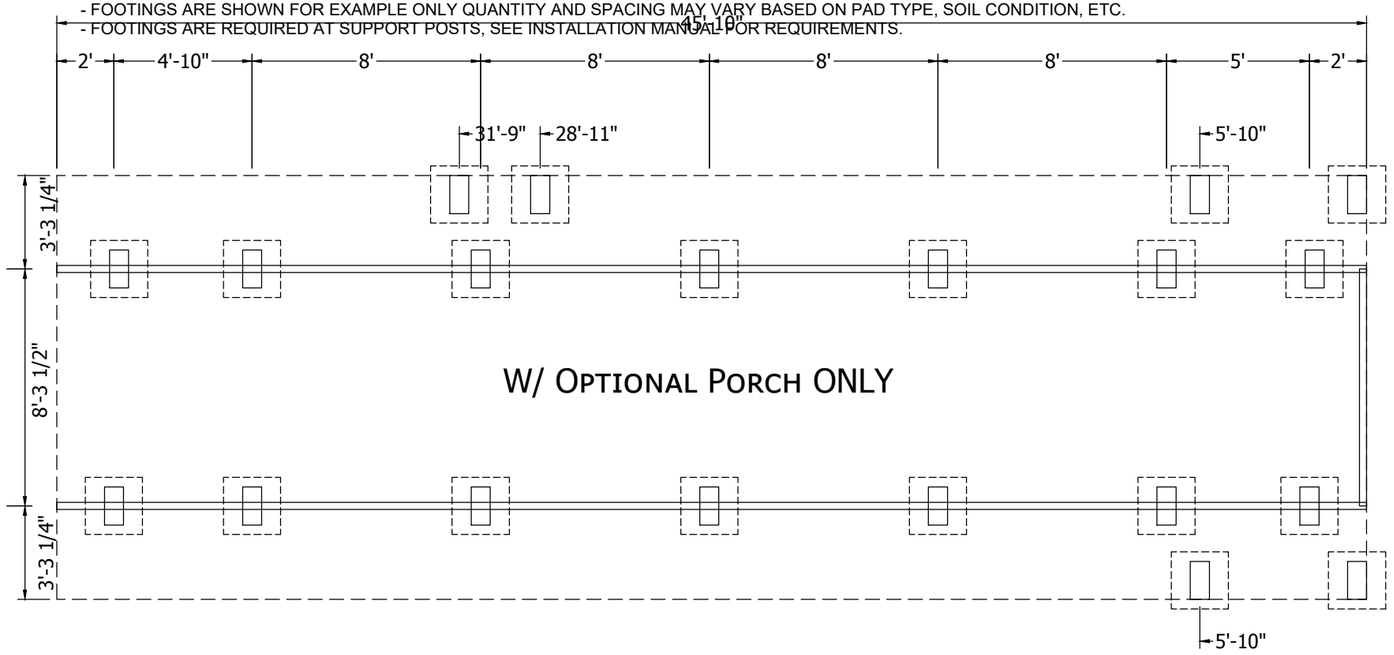
17x25 5 ' O/C
45% angle
5'4" Anchor spacing
Oliver Systems



FOUNDATION NOTES:

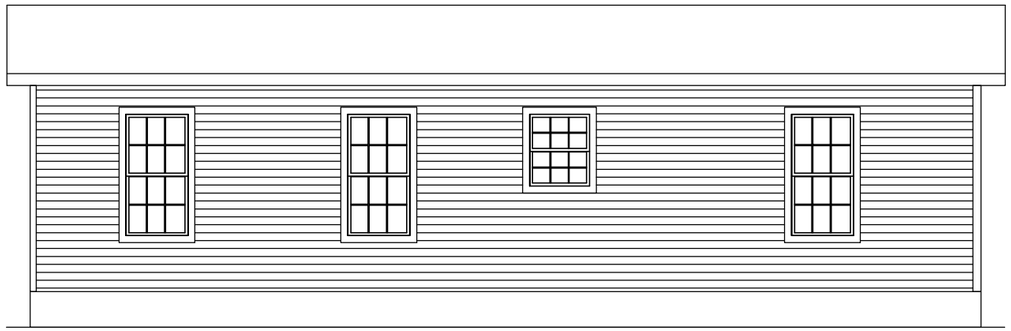
- THIS DRAWING IS DESIGNED FOR THE STANDARD WIND ZONE AND IS TO BE USED IN CONJUNCTION WITH THE INSTALLATION MANUAL AND IT'S SUPPLEMENTS.
- FOOTINGS ARE SHOWN FOR EXAMPLE ONLY QUANTITY AND SPACING MAY VARY BASED ON PAD TYPE, SOIL CONDITION, ETC.
- FOOTINGS ARE REQUIRED AT SUPPORT POSTS, SEE INSTALLATION MANUAL FOR REQUIREMENTS.



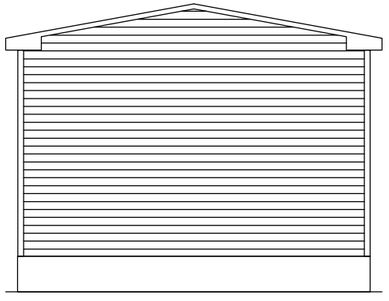
CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

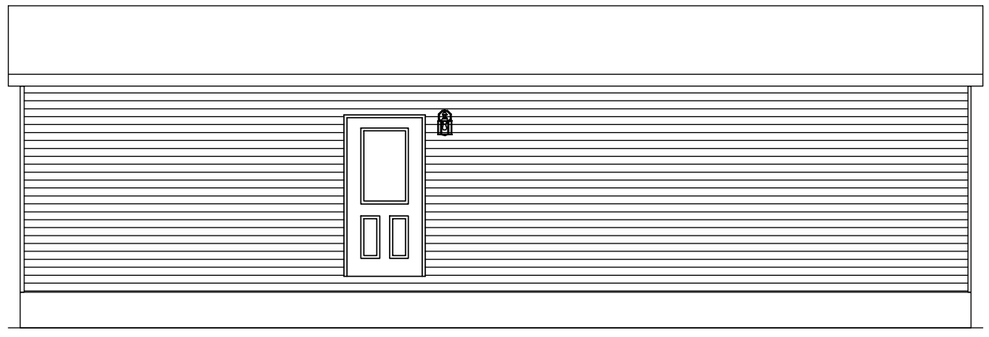
PROJECT:	052-1640-409-GSM 40'-0" x 14'-10" 1 BD 1 BT
DRAWN BY:	Staff
DATE:	02-13-24
SCALE:	5/32" = 1'-0"
TITLE:	PIER FOUNDATION PLAN
FILENAME:	1640-409-GSM
SHEET:	PR-101



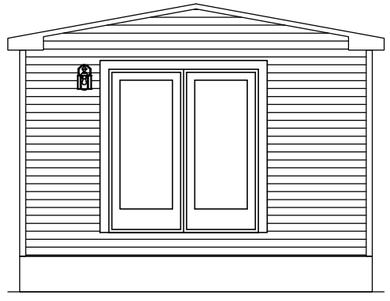
FRONT ELEVATION



LEFT SIDE ELEVATION



REAR ELEVATION



RIGHT SIDE ELEVATION

CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

PROJECT:
052-1640-409-GSM
40'-0" x 14'-10"
1 BD 1 BT

DRAWN BY: Staff
DATE: 02-13-24
SCALE: 3/16" = 1'-0"

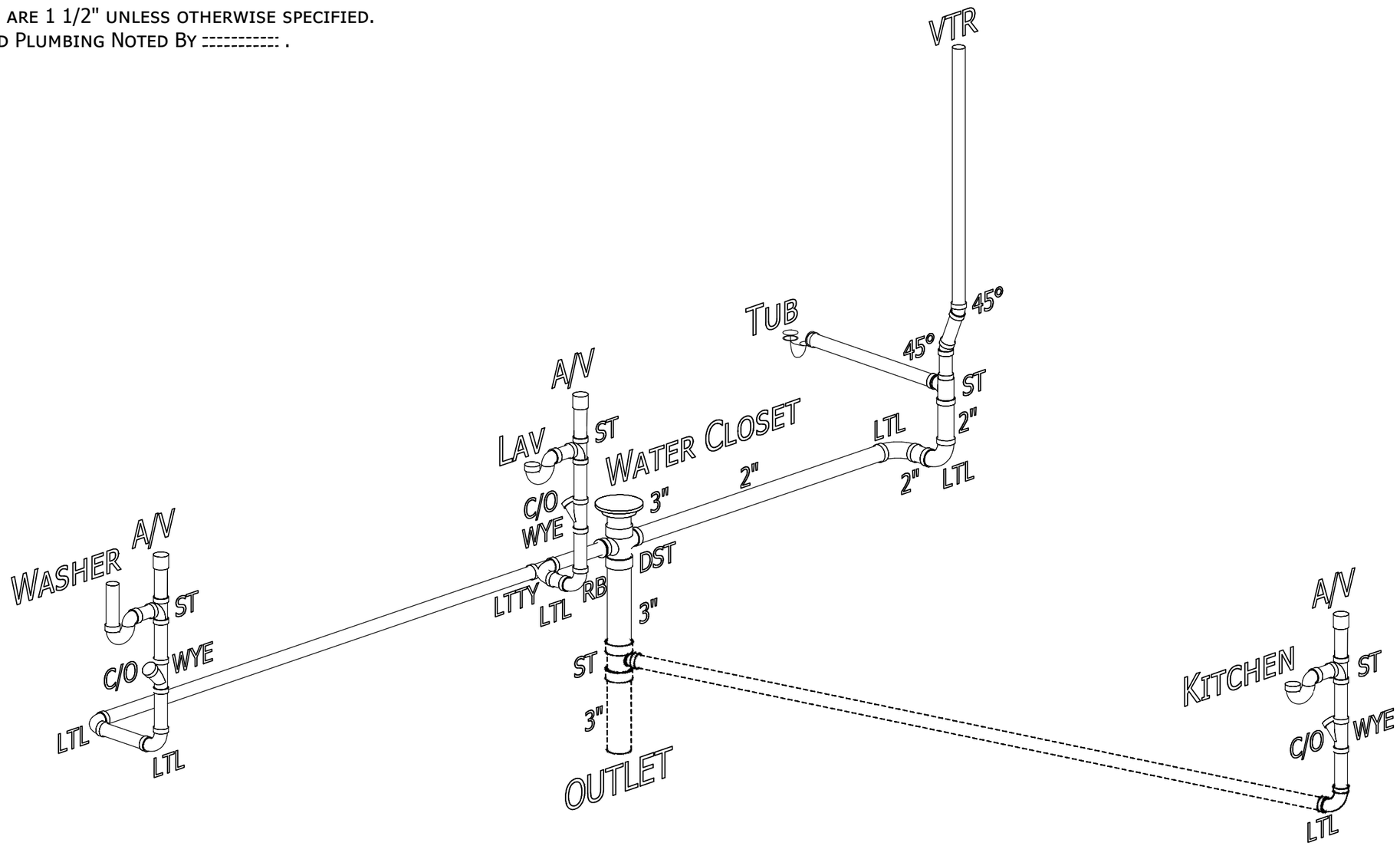
TITLE: ELEVATIONS

FILENAME: 1640-409-GSM

SHEET: EV-101

NOTES:

1. All pipe sizes are 1 1/2" unless otherwise specified.
2. Site Installed Plumbing Noted By ---------- .

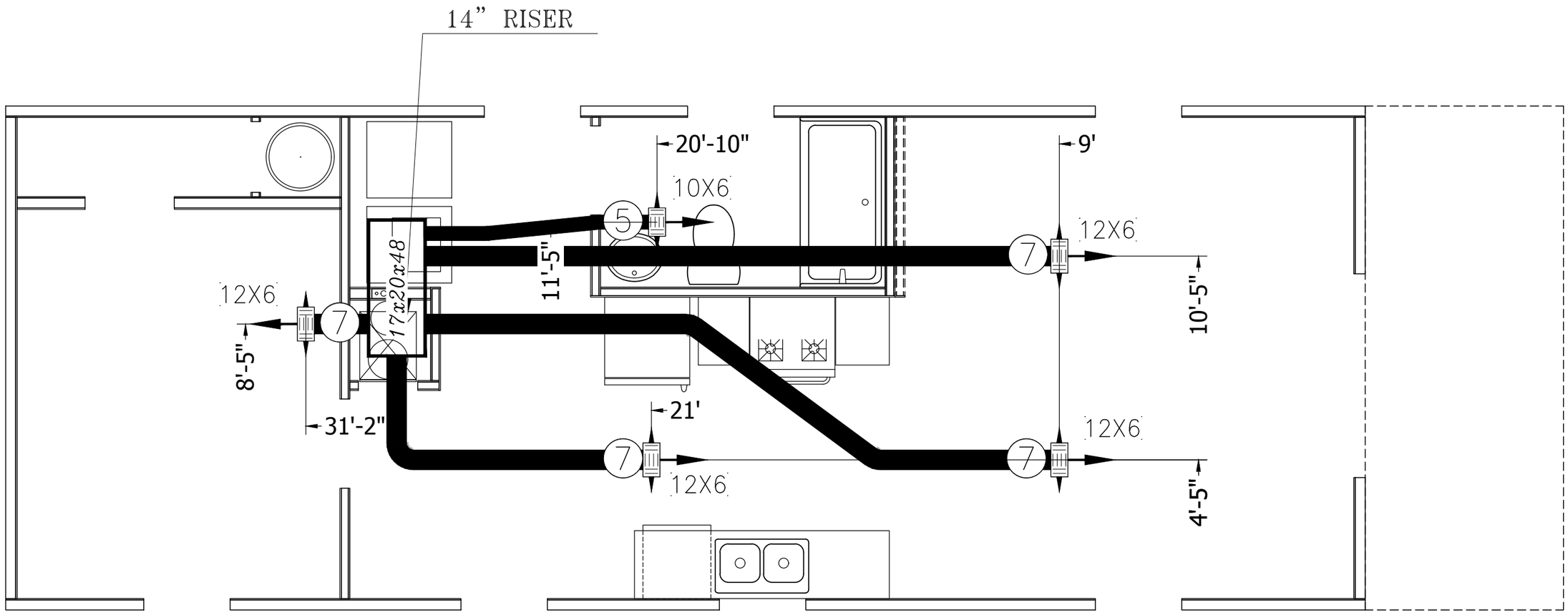


Fitting Schedule	
Call	Name
?	?
DT-3322	3" x 3" x 2" x 2" DOUBLE TEE

CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

PROJECT:	052-1640-409-GSM 40'-0" x 14'-10" 1 BD 1 BT
DRAWN BY: Staff	
DATE: 02-13-24	
SCALE: 3/16" = 1'-0"	
TITLE:	DRAIN LINE PLAN
FILENAME: 1640-409-GSM	
SHEET:	D-101



CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

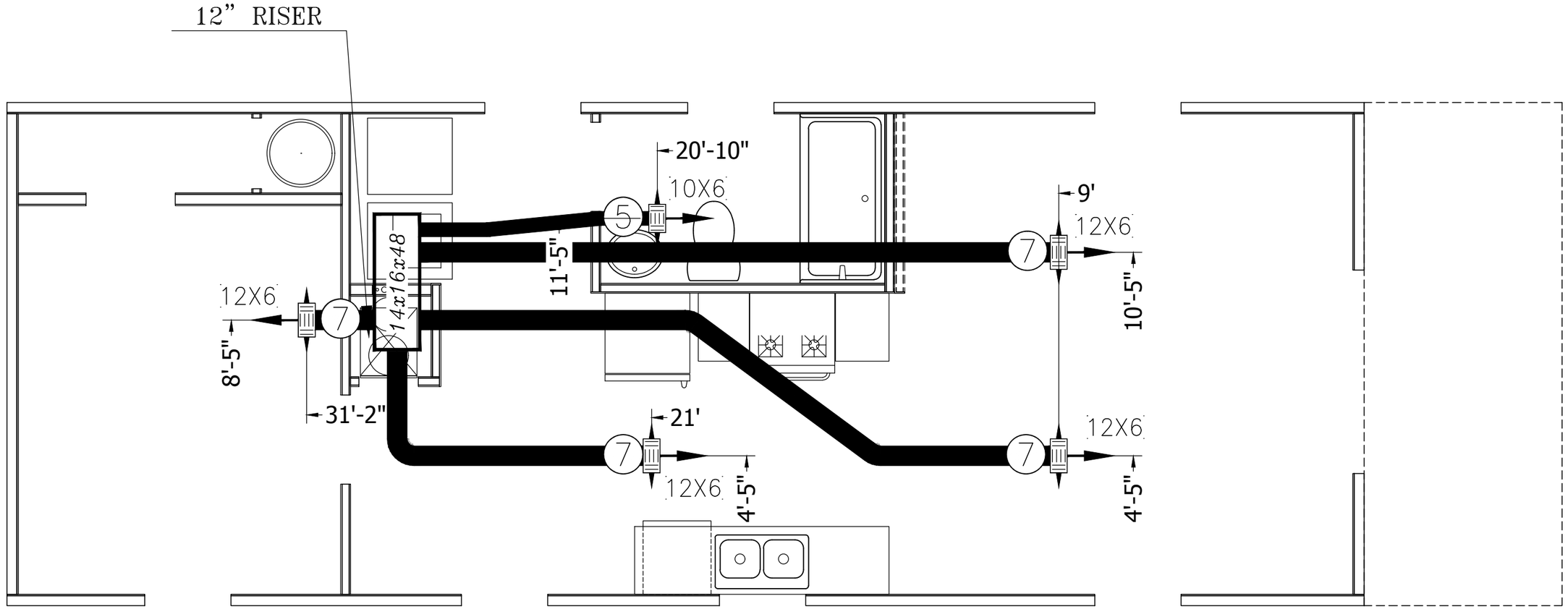
PROJECT:
052-1640-409-GSM
40'-0" x 14'-10"
1 BD 1 BT

DRAWN BY: Staff
DATE: 02-13-24
SCALE: 5/32" = 1'-0"

TITLE:
MECHANICAL PLAN

FILENAME: 1640-409-GSM

SHEET:
M-101



CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

PROJECT:
052-1640-409-GSM
40'-0" x 14'-10"
1 BD 1 BT

DRAWN BY: Staff
DATE: 02-13-24
SCALE: 5/32" = 1'-0"

TITLE:
MECHANICAL PLAN

FILENAME: 1640-409-GSM

SHEET:
M-102

Wood Roof

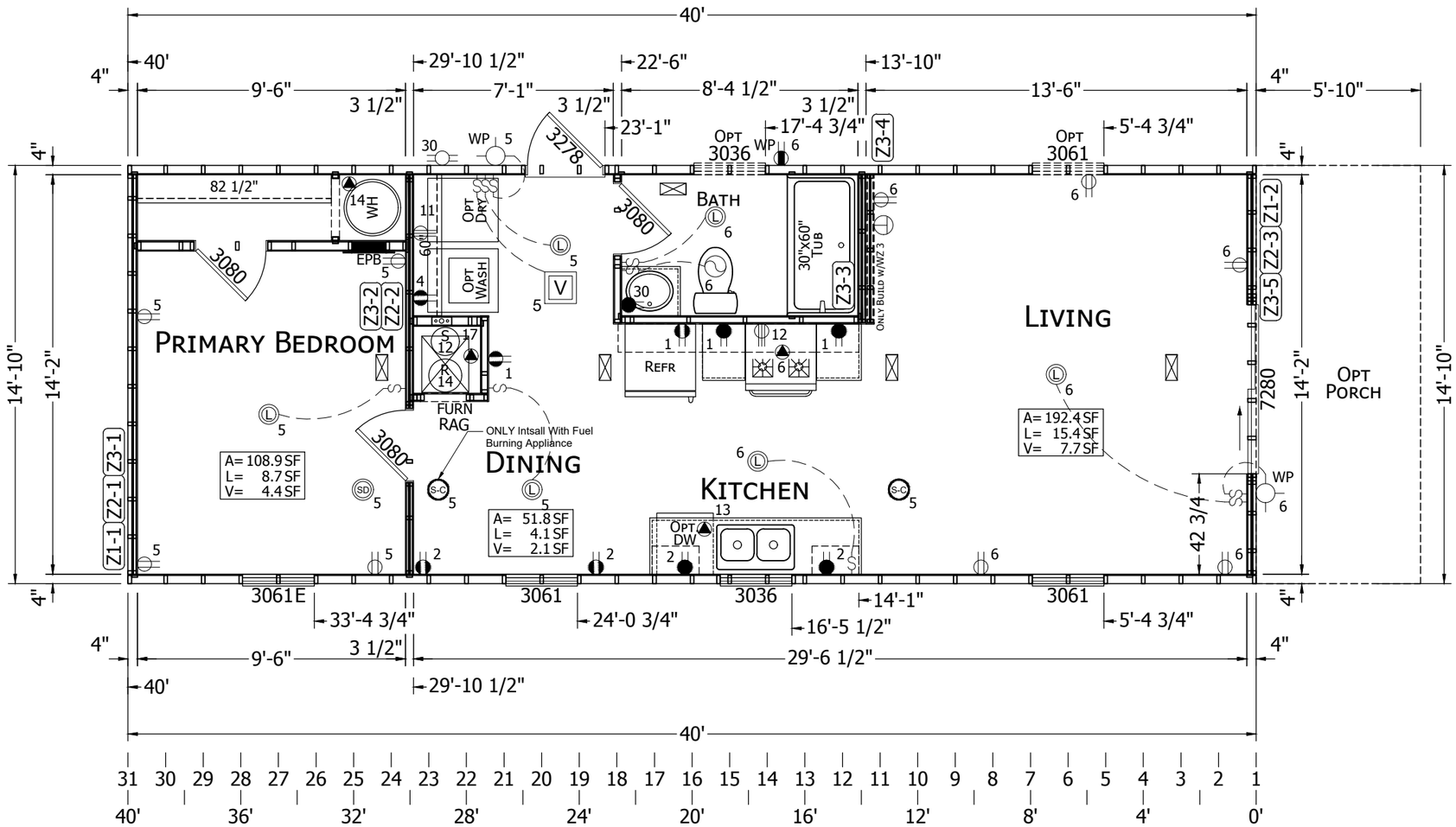
Zone-Id	Z1-1	Z1-2
Max Pitch	4.36	4.36
Trib	20'-0"	20'-0"
Height	96"	96"
Lng	170"	98"
Shthg	GYP-1	GYP-1
Joist	1	1
Wall Scr	8	8
SC	10 @ 18"	10 @ 10"
SF	10 @ 18"	11 @ 9"
Beam Lag	2	2

CEILING BOARD

Zone-Id	Z2-1	Z2-2	Z2-3
Max Pitch	4.36	4.36	4.36
Trib	5'-0"	20'-0"	15'-0"
Height	96"	96"	96"
Lng	170"	138 1/2"	98"
Shthg	GYP-1	GYP-2	GYP-2
Joist	1	2	2
Wall Scr	8	8	8
SC	7 @ 28"	24 @ 6"	18 @ 5.5"
SF	7 @ 28"	24 @ 6"	22 @ 4.5"
Beam Lag	1	3	3

CEILING BOARD

Zone-Id	Z3-1	Z3-2	Z3-3	Z3-4	Z3-5
Max Pitch	4.36	4.36	4.36	4.36	4.36
Trib	5'-0"	13'-0"	8'-2"	7'-0"	6'-10"
Height	96"	96"	96"	96"	96"
Lng	170"	138 1/2"	63"	63"	98"
Shthg	GYP-1	GYP-1	GYP-2	GYP-2	GYP-1
Joist	1	1	2	2	1
Wall Scr	8	8	8	8	8
SC	8 @ 24"	20 @ 7"	12 @ 5.5"	11 @ 6"	11 @ 9"
SF	8 @ 24"	20 @ 7"	16 @ 4"	14 @ 4.5"	13 @ 8"
Beam Lag	1	3	2	2	2



CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

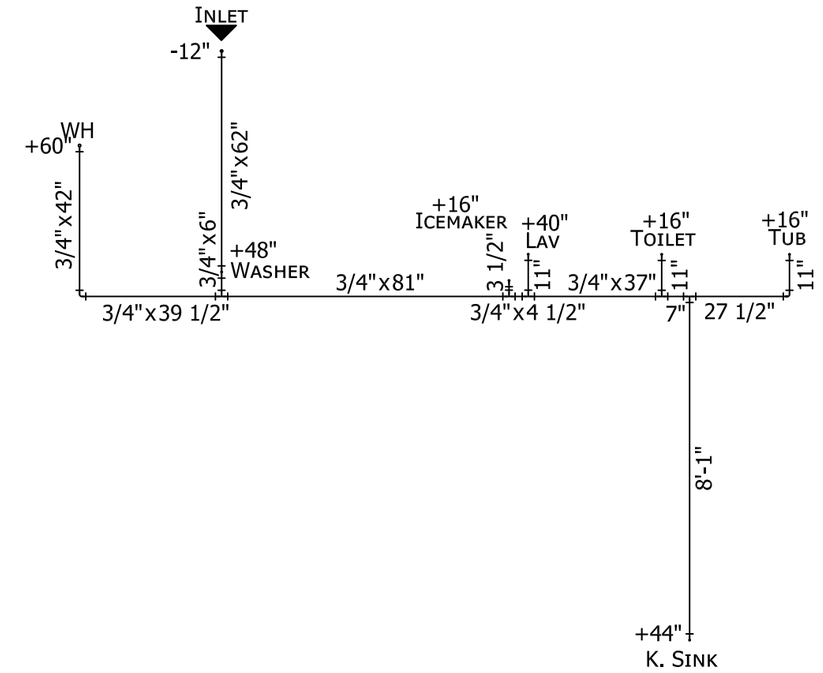
MODIFICATIONS

PROJECT:	052-1640-409-GSM 40'-0" x 14'-10" 1 BD 1 BT
TITLE:	FLOOR PLAN ELECTRICAL PLAN
SHEET:	AP-101
DRAWN BY: Staff	FILENAME: 1640-409-GSM
DATE: 02-13-24	
SCALE: 5/32" = 1'-0"	

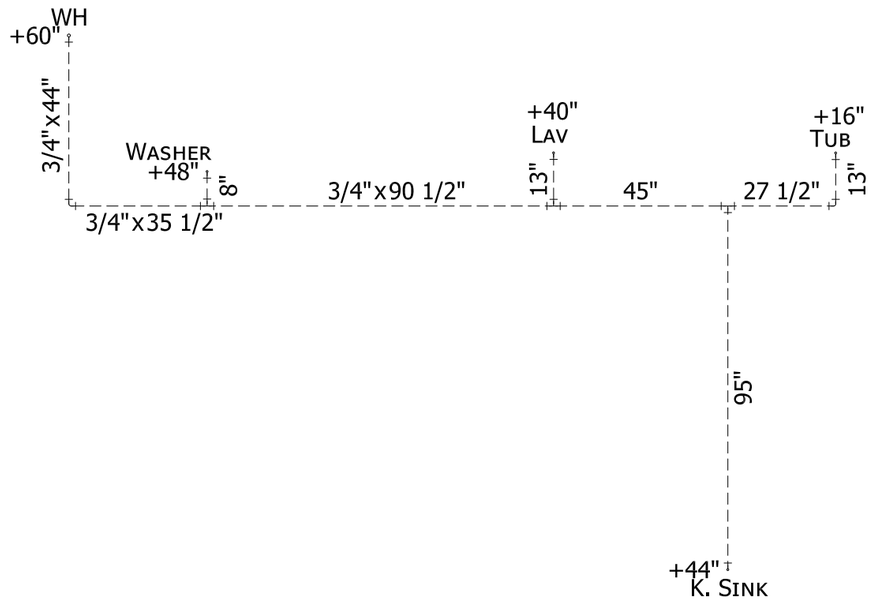
Notes:

1. All Pipe Sizes 1/2" Unless Otherwise Noted.

Cold Water Line



Hot Water Line



CHAMPION
HOME BUILDERS
755 W. BIG BEAVER ROAD, SUITE 1000 TROY, MI 48084
PHONE: 248-614-8200

MODIFICATIONS

PROJECT: 052-1640-409-GSM
40'-0" x 14'-10"
1 BD 1 BT

DRAWN BY: Staff
DATE: 02-13-24
SCALE: N.T.S.

TITLE: Water Line Plan

FILENAME: 1640-409-GSM

SHEET: WP-101

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 1500

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 295 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 tie points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb holding capacity.

tlo Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name Ian Ortega

Date Tested _____

Electrical

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

Plumbing

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

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

Site Preparation

Debris and organic material removed ✓.
Water drainage: Natural _____ Swale _____ Pad ✓ Other _____.

Fastening multi wide units

Floor:	Type Fastener: NA	Length: NA	Spacing: NA
Walls:	Type Fastener: NA	Length: NA	Spacing: NA
Roof:	Type Fastener: NA	Length: NA	Spacing: NA

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, meldew 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 tlo

Type gasket NA
Pg. _____

Installed:
Between Floors Yes NA
Between Walls Yes NA
Bottom of ridgebeam Yes NA

Weatherproofing

The bottomboard will be repaired and/or taped. Yes ✓. Pg. _____
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 Ian Ortega Date _____

OLIVER TECHNOLOGIES, INC.
467 Swan Avenue, Hohenwald, TN
Phone : (800) 28
Fax : (931) 79
olivertechnologies.com

For use on all Mobile and Manufactured Homes, including HUD approved Homes and Modular Building Patent #5503500 and other patents pending

GENERAL INSTRUCTIONS:

1. All pads are to be installed flat side down, ribbed side up.
2. The ground under the pads should be leveled as smooth as possible with all vegetation and debris removed. Pads to be placed on evenly compacted soil, at or below the frost line unless otherwise protected from frost by controlling the temperature and/ or moisture content of the soil underneath the home.
3. Pier & pad placement will be determined by the manufactured homes' written set-up instructions or any local or state codes.
4. Center blocks on ABS pad and complete pier.
5. The open cells between the ribbing on the upper side of the pads may be filled with soil or sand after installation to prevent any accumulation of stagnant water in the pads.
6. A pocket penetrometer may be used to determine the unconfined compressive strength of the soil. If no soil testing equipment is available – use an assumed soil value of 1000 lbs. / square foot.

NOTES:

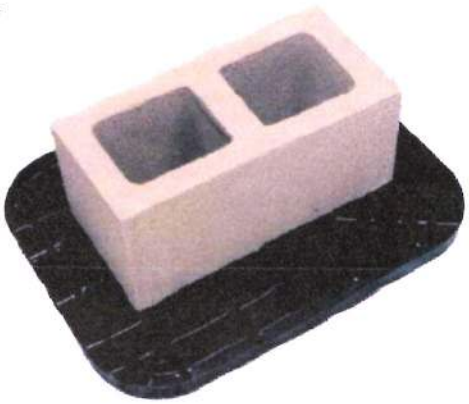
1. All pad sizes shown are nominal dimensions and may vary up to 1/8".
2. The maximum deflection in a single pad is 5/8" measured from the highest point to the lowest point of the top face. (NOTE: Actual test results were less than 5/8")
3. Pad loads are the same when using single stack or double stack blocks.
4. The maximum load at any intermediate soil value may be interpolated between the next lower and next higher soil values given in the table below.
5. Any ABS pad configuration may be used to replace a home manufacturer's recommended concrete or wood base pad.
6. Steel Piers: All pads are tested with steel piers on 1000 PSF soil density unless otherwise noted. If required, attach with 2" #12 x ½" hex tech screws. Minimum Pier Base 7 1/4". Multi-Pad configurations require a minimum 9 1/4" pier base.
7. Available pads tested on 2000 PSF soil capacity using steel piers are: ID #1055-14, 1055-9, 1055-7 and 1055-13.
8. If soil capacities exceed 3000 psf, use the 3000 psf soil values from the table.
9. Any pad may be stacked directly on top of an identical pad. The second pad should also be installed flat side down. Such a configuration provides the same allowable load capacity as the single pad.

PAD SIZE	ID NO.	PAD AREA	1000 PSF	1500 PSF	2000 PSF	2500 PSF	3000 PSF
Oval 16" x 18.5"	1055-23	288 sq. in.	2000 lbs.	3000 lbs.	4000 lbs.	5000 lbs.	6000 lbs.
Oval 17" x 22"	1055-16	360 sq. in.	2500 lbs.	3750 lbs.	5000 lbs.	6250 lbs.	7500 lbs.
Oval 17.5" x 22.5"	1055-21	384 sq. in.	2667 lbs.	4000 lbs.	5334 lbs.	6667 lbs.	8000 lbs. *
Oval 17.5" x 25.5"	1055-17	432 sq. in.	3000 lbs.	4500 lbs.	6000 lbs.	7500 lbs.	9000 lbs. *
Oval 21" x 29"	1055-22	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs. *	10000 lbs. *	12000 lbs. *
Oval 23.25" x 31.25"	1055-20	675 sq. in.	4688 lbs.	7032 lbs.	9376 lbs. *	11720 lbs. *	14064 lbs. *

PAD SIZE	ID NO.	PAD AREA	1000 PSF	1500 PSF	2000 PSF	2500 PSF	3000 PSF
Square 16" x 16"	1055-14	256 sq. in.	1778 lbs.	2664 lbs.	3556 lbs.	4445 lbs.	5333 lbs.
Square 18.5" x 18.5"	1055-9	342 sq. in.	2375 lbs.	3550 lbs.	4750 lbs.	5935 lbs.	7100 lbs.
Square 20" x 20"	1055-7	400 sq. in.	2750 lbs.	4125 lbs.	5500 lbs.	6875 lbs.	8250 lbs. *
Square 24" x 24"	1055-13	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs. *	8000 lbs. *	8000 lbs. *
Square 24" x 24"	1055-26	576 sq. in.	4000 lbs.	6000 lbs.	8000 lbs. *	10000 lbs. *	12000 lbs. *

*** Indicates that Piers are required to be double blocked.**
EXAMPLE: 16' x 80' section (Alabama only)

PAD SIZE	1000 PSF	2000 PSF
Oval 16" x 18.5"	3'0"	6'0"
Oval 17" x 22"	3'9"	7'6"
Oval 17.5" x 22.5"	4'0"	8'0"
Oval 17.5" x 25.5"	4'5"	8'0"
Oval 21" x 29"	6'0"	8'0"



W. C. FARISH
LICENSE
No. 30242
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sep 23, 2020

OLIVER TECHNOLOGIES, INC.
467 Swan Avenue, Hohenwald, TN 38462
Phone : (800) 284-7437
Fax : (931) 796-8811
olivertechnologies.com

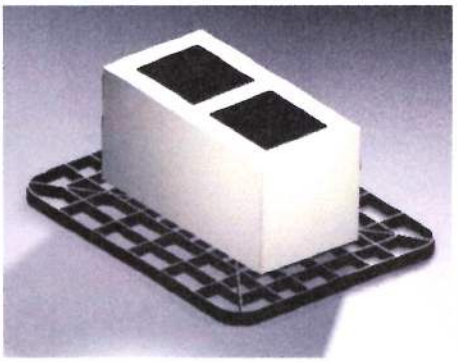
Multi-Pad Configurations

ABS Pad Types		
Oval 16" x 18.5" Pad	2.00 Square Feet	ID # 1055-23
Oval 32" x 18.5" Pad Configuration (03)	4.00 Square Feet	
Oval 17" x 22" Pad	2.50 Square Feet	ID # 1055-16
Oval 34" x 22" Pad Configuration (03)	5.00 Square Feet	
Oval 17.5" x 25.5" Pad	3.00 Square Feet	ID # 1055-17
Oval 35" x 25.5" Pad Configuration (03)	6.00 Square Feet	

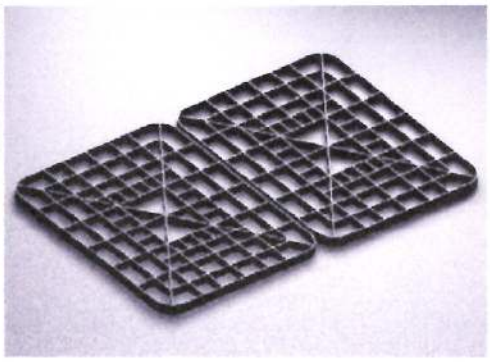
	8" Cell Block	Soil Bearing Value	Maximum Load
32" x 18.5" Pad Configuration	Single Stack	1000 lbs. / sq. ft.	4000 lbs.
	Double Stack	2000 lbs. / sq. ft.	8000 lbs. *
34" x 22" Pad Configuration	Single Stack	1000 lbs. / sq. ft.	5000 lbs.
	Double Stack	2000 lbs. / sq. ft.	10000 lbs. *
35" 25.5" Pad Configuration	Single Stack	1000 lbs. / sq. ft.	6000 lbs.
	Double Stack	2000 lbs. / sq. ft.	12000 lbs. *

***Concrete blocks are only rated at 8000 pounds, 8001 pounds and higher must be double stacked.**

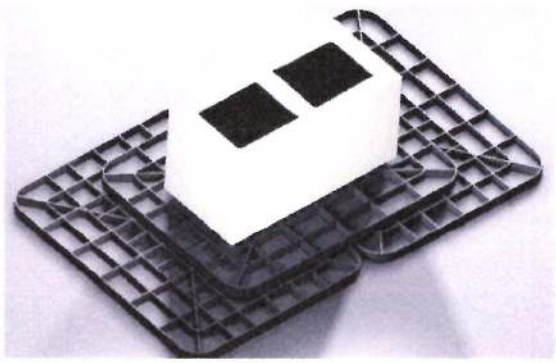
PAD ASSEMBLY



STEP 1 - 17" x 22" ABS Pad



STEP 2 - (2) 17" x 22" ABS PADS (34" x 22" Configuration)



STEP 3 - Complete Assembly 34" x 22" Multi-pad Configuration

NOTES:

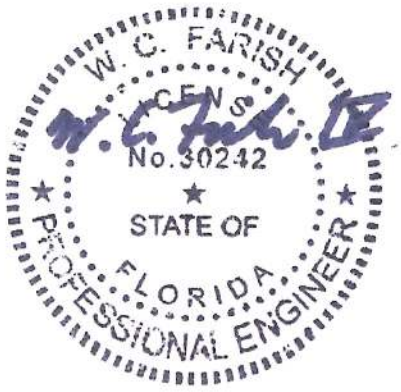
1. General instructions (on reverse) apply to all multi – pad configurations.
2. The 32" x 18.5" pad configuration is formed by using (3) 16" x 18.5" ABS Pads. Place (2) 16" x 18.5" side by side, and place (1) 16" x 18.5" on top, laid in the opposite direction to the bottom pads.
3. The 34" x 22" pad configuration is formed by using (3) 17" x 22" ABS Pads. Place (2)17" x 22" pads side by side, and (1) 17" x 22" pad on top. The top pad is laid in the opposite direction as the bottom pads.
4. The 35" x 25.5" pad configuration is formed by using (3) 17.5" x 25.5" ABS Pads. Place (2) 17.5" x 25.5" pads side by side, and (1) 17.5" x 25.5" pad on top. The top pad is laid in the opposite direction to the bottom pads.

STATE SPECIFIC NOTES:

TEXAS: 17.5" x 22.5" ID #1055-21 and 23.25" x 31.25" ID #1055-20 may not be installed in the State of Texas. ID#1055-26 may not be used in conjunction with metal piers.

CALIFORNIA: Use an assumed value of 1000 lb/sq. ft. unless engineering and calculations are provided.

ALABAMA : For the State of Alabama all ABS pads shall not have more than 3/8" deflection. See chart on page one for details on correct installation in Alabama. The 23.25" x 31.25" ID#1055-20 may not be installed in the State of Alabama.



Sep 23, 2020

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OLIVER TECHNOLOGIES, INC.
FLORIDA INSTALLATION INSTRUCTIONS FOR THE
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM

MODEL 1101"V" (Steps 1-14)

LONGITUDINAL ONLY: Follow Steps 1-9
LATERAL ONLY: Follow Steps 1-3 and Steps 10-14
FOR CONCRETE APPLICATIONS: Follow Steps 15-18

ENGINEERS STAMP

ENGINEERS STAMP

1. **SPECIAL CIRCUMSTANCES:** If the following conditions occur - ***STOP! Contact Oliver Technologies at 1-800-284-7437 :***

a) Pier height exceeds 48"
b) length of home exceeds 76'
c) Roof eaves exceed 16"
d) Sidewall height exceed 96"
e) Location is within 1500 feet of coast

INSTALLATION OF GROUND PAN

2. Remove weeds and debris in an approximate two foot square to expose firm soil for each ground pan (C) .
3. Place ground pan (C) directly below chassis I-beam. Press or drive pan firmly into soil until flush or below soil then install pier per manufacturer's instructions or per Florida Regs.
SPECIAL NOTE: The longitudinal "V" brace system may also serve as a pier under the home and should be loaded as any other pier. It is recommended that after leveling piers, and one-third inch (1/3") before home is lowered completely on to piers, complete steps 4 through 9 below then remove jacks.

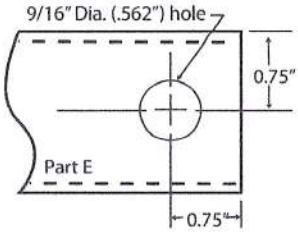
INSTALLATION OF LONGITUDINAL "V" BRACE SYSTEM (Model 1101 L "V")

NOTE: WHEN INSTALLING THE LONGITUDINAL SYSTEM ONLY, A MINIMUM OF 2 SYSTEMS PER FLOOR SECTION IS REQUIRED. SOIL TEST PROBE SHOULD BE USED TO DETERMINE CORRECT TYPE OF ANCHOR PER SOIL CLASSIFICATION. IF PROBE TEST READINGS ARE BETWEEN 175 & 275 A 5 FOOT ANCHOR MUST BE USED. IF PROBE TEST READINGS ARE BETWEEN 276 & 350 A 4 FOOT ANCHOR MAY BE USED. USE GROUND ANCHORS WITH DIAGONAL TIES AND STABILIZER PLATES EVERY 5'4" . VERTICAL TIES ARE ALSO REQUIRED ON HOMES SUPPLIED WITH VERTICAL TIE CONNECTION POINTS (PER FLORIDA REG.).

4. Choose one of the approved longitudinal tube installations; either Diagram A or B. Then select the correct square tube (E) length from the diagram for appropriate pier height at support location or cut and drill 1.5" square tube to achieve appropriate length.

PIER HEIGHT (40° Min. - 45° Max.)	1.25" Tube Length	1.50" Tube Length
7 3/4" to 25"	22"	18"
24 3/4" to 32 1 /4"	32"	18"
33" to 41"	44"	18"
40" to 48"	54"	18"

Diagram A



PIER HEIGHT (40° Min. - 60° Max.)	1.50" Tube Length
14" to 18"	20"
18" to 25"	28"
24" to 35"	39"
30" to 40"	44"
36" to 48"	54"

Diagram B

5. Install (2) of the 1.50" square tubes (E) into the "U" bracket (J), insert carriage bolt and leave nut loose for final adjustment.
6. Place I-beam connector (F) loosely on the bottom flange of the I-beam.
7. (For Diagram A installation) Slide the selected 1.25" tube (E) into a 1.50" tube (E) and attach to I-beam connectors (F) and fasten loosely with bolt and nut. (For Diagram B installation) Attach the selected 1.5" tubes (E) to the I-beam connectors (F) and fasten loosely with bolts and nuts.
8. Repeat steps 6 through 7 to create the "V" pattern of the square tubes loosely in place.
9. Using standard hand tools tighten all nuts and bolts. (For Diagram A installation only, secure 1.25" and 1 .50" tubes using four(4) 1 /4"-14 x 3/4" self-tapping screws in pre-drilled holes.)

INSTALLATION OF LATERAL TELESCOPING TRANSVERSE ARM SYSTEM (Model 1101 T "V")

THE MODEL 1101 "V" (LONGITUDINAL & LATERAL PROTECTION) ELIMINATES THE NEED FOR STABILIZER PLATES & FRAME TIES.
NOTE: THE USE OF THIS SYSTEM REQUIRES VERTICAL TIES SPACED AT 5'4".
FOUR FOOT (4') GROUND ANCHOR MAY BE USED EXCEPT WHERE THE HOME MANUFACTURER SPECIFIES DIFFERENT.

10. Install remaining vertical tie-down straps and 4' ground anchors per home manufacturer's instructions. NOTE: Centerline anchors to be sized according to soil torque condition. Any manufacturer's specifications for sidewall anchor loads in excess of 4,000 lbs. require a 5' anchor per Florida Code.
11. Select the correct square tube brace (H) length for set-up lateral transverse at support location. The lengths come in either 60" or 72" lengths. (With the 1.50" tube as the bottom tube, and the 1.25" tube as the inserted tube.)
12. Install the 1.50 transverse brace (H) to the ground pan connector (D) with bolt and nut.
13. Slide 1.25" transverse brace into the 1.50" brace and attach to adjacent I-beam connector (I) with bolt and nut.
14. Secure 1.50" transverse arm to 1.25" transverse arm using four (4) 1 /4" - 14 x 3/4" self-tapping screws in pre-drilled holes.

Revision 08/23/18

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INSTALLATION USING CONCRETE RUNNER/ FOOTER

15. A concrete runner, footer or slab may be used in place of the steel ground pan.
    a) The concrete shall be minimum 2500 psi mix
    b) A concrete runner may be either longitudinal or transverse, and must be a minimum of 8" deep with a minimum width of 16 inches longitudinally or 18 inches transverse to allow proper distance between the concrete bolt and the edge of the concrete (see below).
    c) Footers must have minimum surface area of 441 sq. in. (I.e. 21" square), and must be a minimum of 8" deep.
    d) If a full slab is used, the depth must be a 4" minimum . Special inspection of the system bracket installation is not required. Footers must allow for at least 4" from the concrete bolt to the edge of the concrete.

NOTE: The bottom of all footings, pads, slabs and runners must be per local jurisdiction.

LONGITUDINAL: (Model 1101 LC "V")

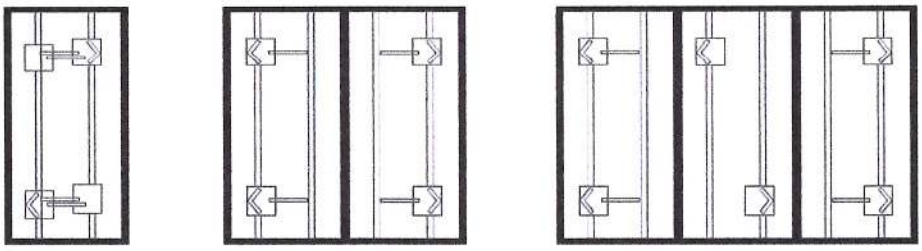
16. When using Part# 1101-W-CPCA (wetset) simply install the bracket in runner/footer **OR** When installing in cured concrete use Part# 101-D-CPCA (dryset). The 1101 (dryset) CA bracket is attached to the concrete using (2) 5/8"x3" concrete wedge bolts (Simpson part # S162300H 5/8" X 3" or Powers equivalent). Place the CA bracket in desired location. Mark bolt hole locations, then using a 5/8" diameter masonry bit, drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the holes. Place wedge bolts into drilled holes, then place 1101 (dry set) CA bracket onto wedge bolts and start wedge bolt nuts. Take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt). The sleeve of concrete wedge bolt needs to be at or below the top of concrete. Complete by tightening nuts.

LATERAL: (Model 1101 TC "V")

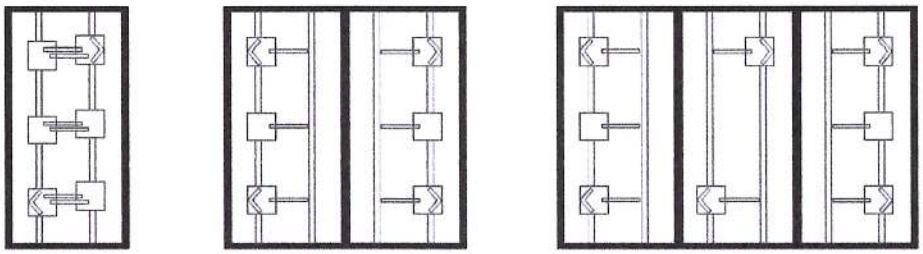
17. For wet set (part # 1101-W-TACA) installation simply install the anchor bolt into runner/footer. For dry set installation (part # 1101-D-TACA) mark bolt hole locations, then using a 5/8" diam. masonry bit. drill a hole to a minimum depth of 3". Make sure all dust and concrete is blown out of the hole. Place wedge bolts (Simpson part #S162300H 5/8" X 3" or Powers equivalent) into (D) concrete dry transverse connector and into drilled hole. If needed, take a hammer and lightly drive the wedge bolts down by hitting the nut (making sure not to hit the top of threads on bolt), then remove the nut. The sleeve of concrete wedge bolt needs to be at or below the top of concrete.
18. When using part# 1101 CVW (wetset) or 1101 CVD (dryset), install per steps 17 & 18.

Notes:
1. **LENGTH OF HOUSE IS THE ACTUAL BOX SIZE**
2. **= LOCATION OF TRANSVERSE BRACING ONLY**
3. **= LOCATION OF LONGITUDINAL BRACING ONLY**
4. **= TRANSVERSE AND LONGITUDINAL LOCATIONS**

ALL WIDTHS AND LENGTHS UP TO 52'

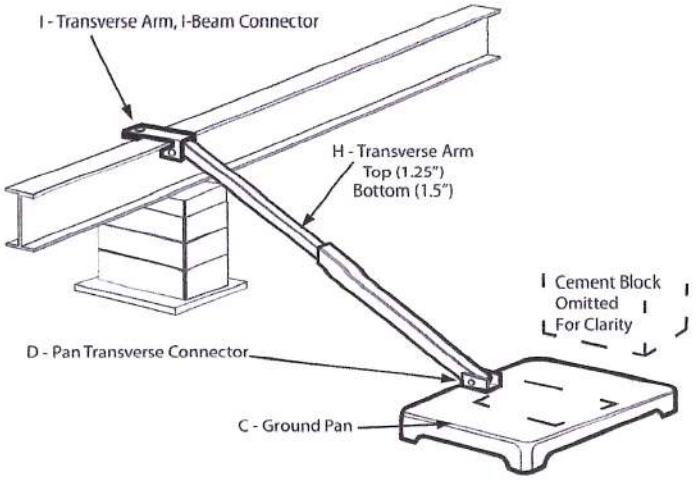


ALL WIDTHS AND LENGTHS OVER 52' TO 80"

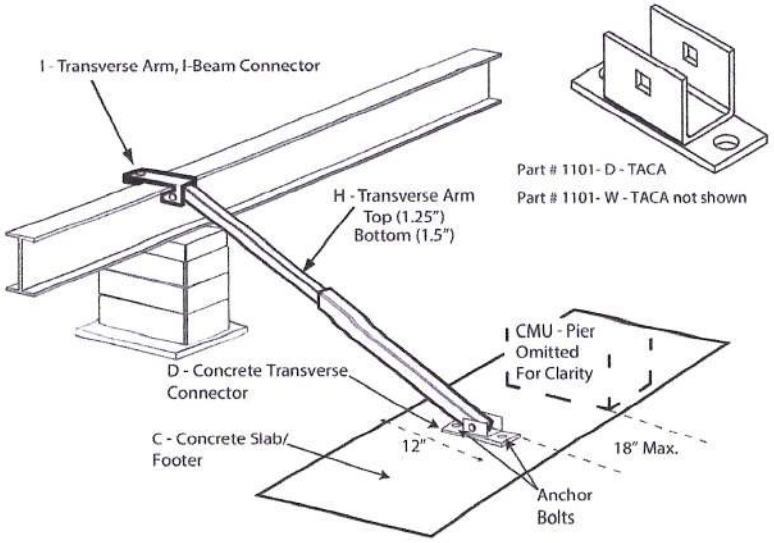


HOMES WITH 5/12 ROOF PITCH REQUIRE: PER FLORIDA REGULATIONS
6 systems for home lengths up to 52' and 8 systems for homes over 52' and up 80'.

PATENT# 6634150 & OTHER PATENT PENDING



Model # 1101 T "V"



Model # 1101 TC "V"

Florida approved 4' ground anchors may be used in all locations except where home manufacturers specifications for sidewall straps are in excess of 4,000 lbs. These locations require a 5' anchor. Per Florida code.

C = GROUND PAN / CONCRETE FOOTER OR RUNNER

D = GROUND PAN / CONCRETE U BRACKETS TRANSVERSE CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

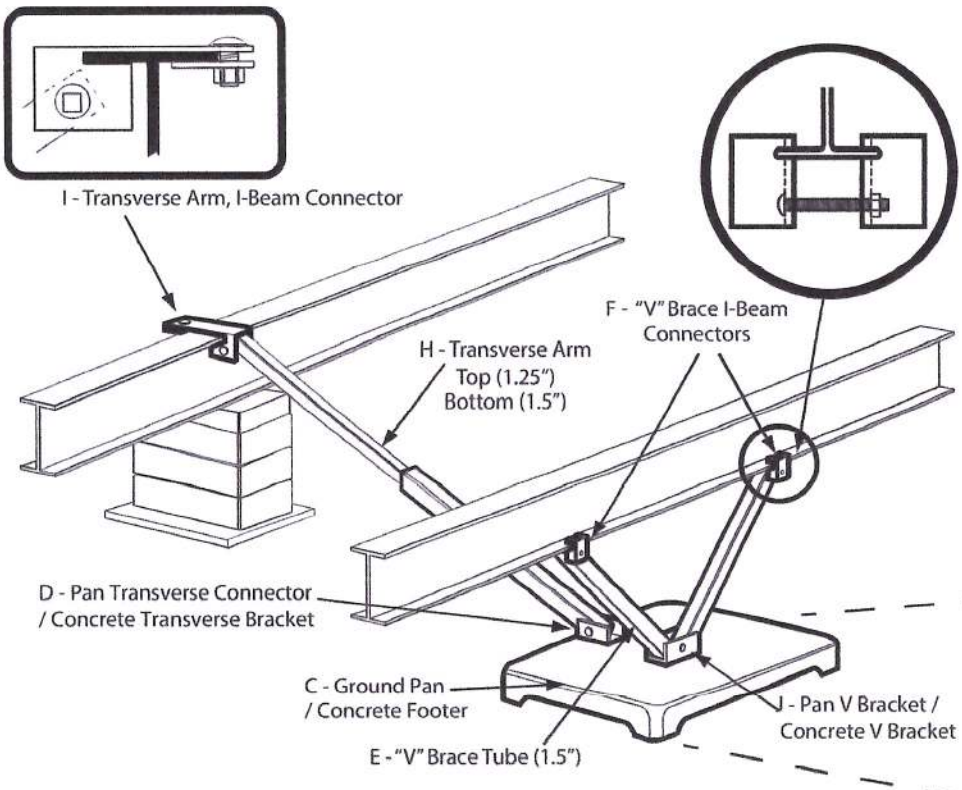
E = TELESCOPING V BRACE TUBE ASSEMBLY (1.5" TUBE BOTTOM AND 1.25" TUBE INSERT) OR 1.5" TUBE

F = "V" BRACE I-BEAM CONNECTOR ASSEMBLY

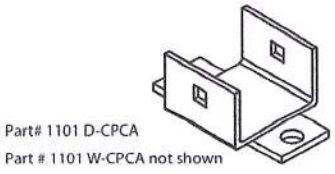
H = TELESCOPING TRANSVERSE ARM ASSEMBLY

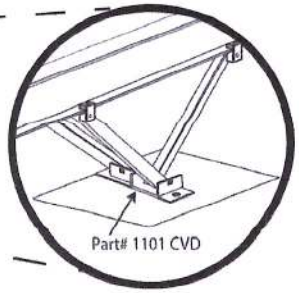
I = TRANSVERSE ARM I-BEAM CONNECTOR (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)

J = V PAN BRACKET (connects with grade 5 - 1/2" x 2" 1/2" carriage bolt and nut)



Model # 1101 "V"





Model # 1101 C "V"

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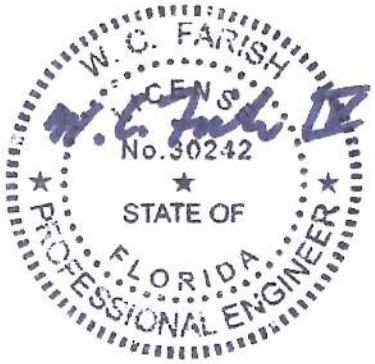
OLIVER TECHNOLOGIES, INC.
INSTALLATION INSTRUCTIONS FOR FLORIDA
MODEL 1101 "V" SERIES ALL STEEL FOUNDATION SYSTEM PAN & CONCRETE (revision 5/18)

PATENT# 6634150 & OTHER PATENT PENDING



Aug 03, 2021