



A Groundworks Company

PERMIT ROCKSTAR
Reviewed For Compliance
07/30/2026
Ali Marar FL PE92978
ali@permitrockstar.com 904-656-6957

Date: July 22, 2026

Customer Name: Lynda Stokes

Customer Address: 1504 Southwest Endless Court, Lake City, FL 32024

To Whom It May Concern:

This engineering report supports the permit application for installation of foundation floor support systems at the above-referenced property by Alpha Foundations, a Groundworks Company. Foundation floor supports are designed to provide support for the existing floor framing system. Detailed product information and specifications are provided in the attached report.

The engineering design is based on conservative load assumptions appropriate for the existing structure. Load calculations and product specifications are included in the attached engineering documentation.

Work is limited to installation of adjustable foundation supports at specified locations and may include repairs to floor framing components as noted in the attached engineering design. This engineering is limited in scope to the foundation support products and specified repairs and does not constitute a comprehensive evaluation of the entire structure.

Installation logs documenting support locations, installation data, and any repairs will be recorded. Final inspection and permit closeout for this scope is the responsibility of the Authority Having Jurisdiction pursuant to FBC Chapter 1, §110.3 (Building). If requested by the building official, engineering review of installation records may be performed for permit closeout under FBC Chapter 1, §104.4 (Building), pursuant to FBC-R §101.2.

This design meets requirements of the **Florida Building Code 2023 8th Edition, Residential**.

Please contact the undersigned with any questions.

Respectfully,

7/22/26

ANDREW THOMAS, P.E.
ENGINEER
ANDREW.THOMAS@GROUNDWORKS.COM
GROUNDWORKS COMPANIES, LLC
ALPHA FOUNDATIONS - FLORIDA ENGINEERING BUS. LIC. #38879

ATTACHMENTS:

ENGINEERING REPORT
DESIGN CALCULATIONS
GENERAL COMMENTARY
PROPOSED INSTALLATION LAYOUT

ENGINEERING REPORT FOR FLOOR SUPPORT

BUILDING DEPT.: Columbia County
132 NE Hernando Ave #21
Lake City, FL 32055

REFERENCE CODE: FBC 2023, 8th Ed. Residential

DATE: July 22, 2026

PROJECT: Lynda Stokes

ADDRESS: 1504 Southwest Endless Court, Lake City, FL 32024

FIELD ASSESSMENT BY: Austin Thomas



OVERVIEW:

Field assessment was conducted to document existing foundation conditions and determine proposed repair scope. Engineering design is based on field measurements, photographic documentation, and site conditions as documented by field personnel. Scope of work was determined based on observed conditions and owner's repair objectives.

SCOPE-OF-WORK: SettleStop Floor Support with FootingPad® *[SEE PRODUCT DETAILS - ATTACHED]*

SCOPE-OF-WORK: *[SEE PRODUCT DETAILS - ATTACHED]*

QUANTITY: *[SEE LOCATION PLAN FOR SPACING]*

GENERAL ISSUE: *Excessive deflection and sagging of floor framing in crawl space.*

PROP. SOLUTION: *Install floor supports with footings in crawl space, as shown on the attached sketch, to support the existing floor framing system.*

EXISTING STRUCTURE DETAILS:

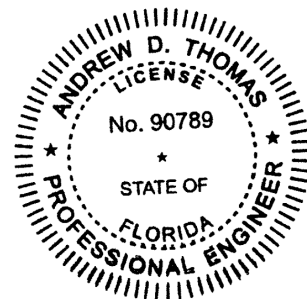
- **Classification:** Single Family Residence
- **Stories:** 1
- **Construction Type:** Conventional Light Frame
- **Exterior:** Vinyl Siding
- **Foundation Type:** Crawl Space (Masonry Walls and Piers on Spread Type Footings)
- **Floor Design Loads:**
 - Live Load: 60 psf
 - Dead Load: 30 psf

[Based on Typical FBC/IBC Load Tables]

SOIL CONDITIONS:

- **Assumed Allowable Bearing Capacity:** 1,500 psf *Per Referenced Code Above*

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DESIGN CALCULATIONS AND SUMMARY

BUILDING DEPT: Columbia County
PROJECT: Lynda Stokes
ADDRESS: 1504 Southwest Endless Court, Lake City, FL 32024
DATE: July 22, 2026



TASK A: Evaluate Girder/Beam Loading and SettleStop Floor Support Loading:

STEP 1 - Determine the load which will be supported by the girder/beam in lbs per linear foot:

- Girder/Beam Load (plf) = [Span 1 (ft) + Span 2 (ft)] x Floor Load (psf) / 2
- Load = [12] + [12] x [90] / 2 = [1080] plf [Girder/Beam Load]

STEP 2 - Determine the load on the SettleStop Floor Support by multiplying the calculated girder/beam load by the spacing of the SettleStop Floor Support:

- Girder/Beam Load (plf) x Maximum Average Support Spacing (ft) = SettleStop Floor Support Load (lbs)
- Load = [1080] x [4] = [4,320] lbs [SettleStop Floor Support Load]
[±12in OK]

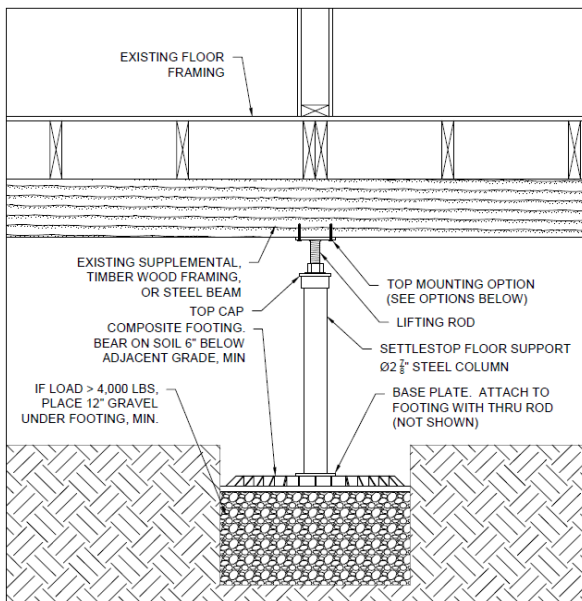
TASK B: Existing or new beam supported by existing supports and supplemental Settlestop Floor Supports (as shown on plan) is acceptable as per IRC girder/beam tables. **OK**

TASK C: Evaluate FootingPad® Poly Base Capacity:

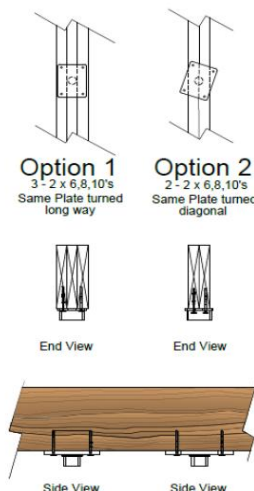
$$\begin{aligned} \text{Soil Bearing Capacity (Allow.)} &= [1,500] \text{ psf} \\ \text{Aggregate Presumptive Bearing Capacity (Allow.)} &= [3,000] \text{ psf} \\ \text{SettleStop Floor Support Max. Allowable Load} &= [9,327] \text{ lbs} \quad [\text{per FootingPad® ICC ESR-2147 Table 1}] \\ \text{SettleStop Floor Support Load} &= [4,320] \text{ lbs} \quad < 9,327 \text{ lbs} - \text{OK} \\ \text{Maximum Bearing Pressure at Bottom of Aggregate} &= \\ \frac{[4,320] \text{ lbs}}{\text{SSFS Load}} \div \frac{[3.14] \text{ SF}}{\text{FootingPad® Area}} \times \frac{[0.75]}{\text{Load Influence Factor (I)}} &= [1,032] \text{ psf} \quad < 1,500 \text{ psf} - \text{OK} \end{aligned}$$

- NOTES:**
- 2.5" thick X 24" diam. FootingPad® FP-24 footing over a minimum 12" thick X 24" X 24" compacted aggregate base is acceptable.
 - Load Influence Factor (I) noted above is based on Boussniesq Stress Theory/Contour Chart.

SettleStop Floor Support with FootingPad® Detail (On Aggregate):

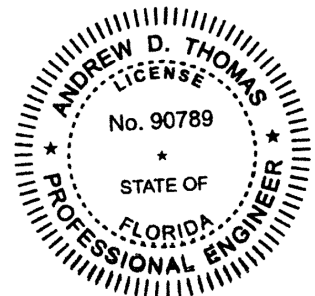


Top Connection Options



Note: 90-degree mountable threaded stud (1/4"-20) w/ washer and 7/16" hex nut may be used for top connection to S4 beam

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COMMENTARY & LIMITATIONS

BUILDING DEPT: Columbia County
PROJECT: Lynda Stokes
ADDRESS: 1504 Southwest Endless Court, Lake City, FL 32024
DATE: July 22, 2026



GENERAL COMMENTARY

This engineering design is based on information provided by others including photographs, field measurements, installation records, and publicly available data. The engineer did not perform independent site survey, geotechnical investigation, or comprehensive structural evaluation of the existing structure. Unless determined by site-specific geotechnical investigation, soil bearing capacity values are based on presumptive values from the Florida Building Code and the engineer's experience with similar soil conditions in the project area. Actual subsurface conditions may vary across the site due to natural occurrence or previous construction, grading, or fill operations.

Final product locations, quantities, and installation parameters may be adjusted at the engineer's discretion based on actual field conditions encountered. Field personnel shall notify the Engineering Department immediately if differing conditions are encountered, unsuitable soil conditions are found, or design parameters cannot be achieved. Exterior foundation cracks may benefit from appropriate sealing or repair to reduce moisture intrusion. Implementation of such measures is at the discretion of the owner and contractor.

This engineering addresses foundation support at specific locations as defined in the contract scope of work. Work scope is limited to installation of foundation support products at specified locations and does not constitute comprehensive structural evaluation of the entire structure. Additional foundation support may be needed in areas outside the specified scope. *Permit may remain open with the Authority Having Jurisdiction for up to 180 days after work completion per Florida Building Code Section 105.3.2 & 105.4.1.2.*

LIMITATIONS

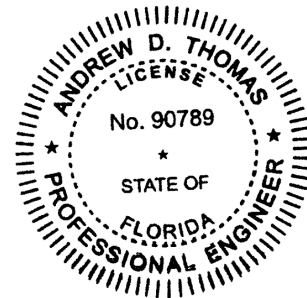
This report is prepared for permit submittal purposes only and is not intended for reliance by the property owner or other third parties. Engineering scope is limited to foundation support products at designated locations per contract scope of work and does not constitute comprehensive structural evaluation of the entire structure. This report does not represent forensic investigation, causation determination, or evaluation of areas outside the specified work scope. Engineering design is based on information provided by others including photographs, field measurements, and publicly available data. The engineer did not perform independent site survey, geotechnical investigation, or comprehensive structural inspection. Foundation support products are designed to provide support at specified locations based on conservative load assumptions and have not been designed or analyzed for lateral restraint or specialty applications unless specifically noted. This engineering does not address hidden or concealed conditions, subsurface soil conditions beyond presumptive bearing values, future changes to structure loading or configuration, future modifications to the structure, or future soil condition changes. Exterior foundation repairs such as crack sealing or waterproofing are outside the scope of this engineering. Any work beyond that specifically identified in this report and associated drawings is outside the scope and requires separate evaluation.

FLOOR SUPPORT PRODUCT REFERENCES:

- SettleStop Floor Support Groundworks Product Evaluation Report #1001
- ICC-ES Evaluation Report ESR-2147 (FootingPad®)

Additional Documents:

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INSTALLATION LAYOUT / NOTES

BUILDING DEPT.:

PROJECT:

ADDRESS:

DATE:

Columbia County

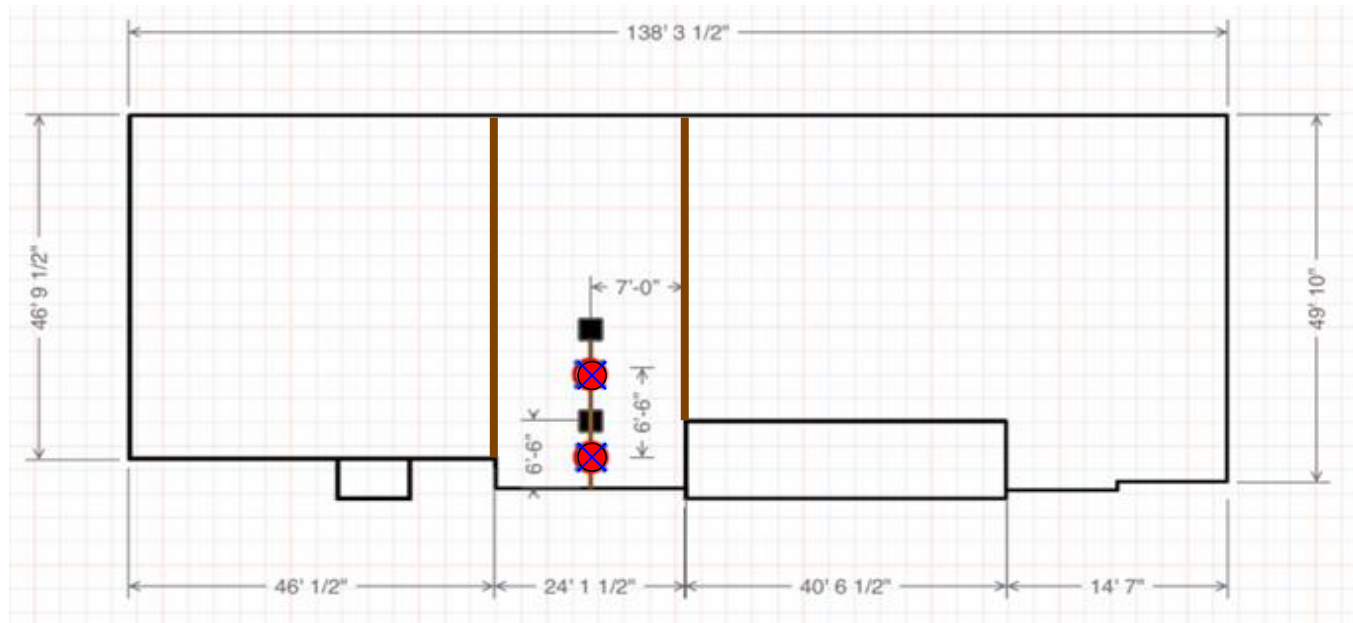
Lynda Stokes

1504 Southwest Endless Court, Lake City, FL 32024

July 22, 2026



A Groundworks Company



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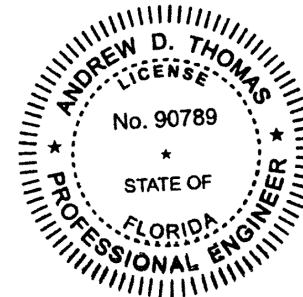
Ali Marar FL PE92978

ali@permitrockstar.com 904-656-6957



Floor Support

Maximum Spacing 4' +/- 1' from existing columns



SUPPLEMENTAL FLOOR SUPPORT NOTES

1. Contractor shall verify field dimensions and existing conditions prior to work. Product locations based on field site assessment by others; Engineer did not perform independent instrument survey. If locations are changed or the provided information doesn't match actual site conditions the Contractor shall immediately notify the Engineer.
2. Floor Supports/Piers shall be installed per manufacturer installation instructions or approved engineering alt. See installation layout and previous pages of this report for foundation support recommendations.
3. Design is based on observed conditions and assumes existing structural members (framing and existing columns) are sound and capable of receiving imposed loads. If concealed deterioration of framing, failure of original column supports or other differing field conditions are encountered the Contractor shall immediately notify the Engineer.
4. Notify Engineer immediately if unsuitable soil conditions encountered or design parameters cannot be achieved.
5. Final installed locations and installation data to be documented in installation record for permit closeout.
6. Engineering and contractor scope is limited to floor support installation only. Wall/Floor cracking is outside the scope of this engagement and should be evaluated independently by a qualified engineer.
7. Engineer's services are limited to the supplemental support system shown. Construction means, methods, and installation and temporary shoring (as required) are the contractor's responsibility. The Engineer will not be responsible for damage caused during installation.

EXISTING COLUMN SHIMMING

Existing columns should be shimmed if not making contact with main beam. If existing supports are leaning or otherwise unable to make contact with the main beam then the Engineer of Record should be contacted.

STRUCTURE LIFTING

Any lift performed should be at the customers discretion. Alpha Foundations and the Engineer of Record will not be responsible for any short or long term damage caused by lifting attempts

7/22/26

1. General Information

The SettleStop Floor Support System are steel column assemblies used to transfer axial compressive loads from wood or steel beams to a footing system. They may be used under the International Residential Code (IRC) when an engineering design is prepared in accordance with IRC Section R301.1.3.

2. Product Description

The SettleStop Floor Support System consists of a steel tube column with a bottom plate at one end and an adjustable bolt assembly at the other end. The adjustable bolt assembly consists of a collar plate that receives a threaded rod which is welded to the top plate. The threaded rod and top plate assembly are fastened to the collar plate using a hex nut. The SettleStop Floor Support System has been evaluated in nominal lengths up to 8 feet (2438.4 mm) and can be adjusted up to a maximum of 4 inches (101.6 mm) of extension as shown in Figure A-1. See Appendix A for details.

3. Component Description

3.1. Steel Tube: The steel tube has a 2-7/8" outside diameter (73.0 mm) and has a nominal thickness of 0.165" (4.2 mm). The tubing conforms to ASTM A500 Steel, Grade C with a minimum yield strength of 46 ksi (315 MPa) and a minimum tensile strength of 62 ksi (425 MPa). The tube material is galvanized using a three-coat inline process meeting ASTM 1057 with a minimum galvanized thickness of 0.85 to 1.19 mils (0.02 to 0.03 mm).

3.2. Base Plate Assembly: The base plate assembly consists of an ASTM A36 steel plate, 5" by 5" (127 mm by 127 mm), with a nominal thickness of 1/4" (6.3 mm); with a 1/4"-thick (6.3 mm) piece of 3.5" outside diameter (88.9 mm) ASTM A106 Grade C steel tube that is welded concentrically to the plate from the outside. The bottom plate has 4 holes at the corners and one hole in the center to accommodate footing anchor bolts. The base plate assembly has a rust-inhibitive coating. See Figure A-4 for details.

3.3. Threaded Rod and Top Plate Assembly: The threaded rod and top plate assembly consists of a 1-1/4" diameter (31.8 mm) by 6" (152.4 mm) long, ASTM F1554 steel Grade 55 threaded rod with matching 1-1/4" (31.8 mm) diameter UNC-7 ASTM A563, Grade A steel Heavy Hex Nut with a rust-inhibitive coating. The top plate consists of an ASTM A36 5" by 4" (127 mm by 101.6 mm) steel plate with a nominal thickness of 3/8" (9.5 mm), which is welded to the threaded rod. The top plate has 4 holes at the corners to accommodate fasteners into the supported beams. See Figures A-1 and A-3 for details.

3.4. Collar Plate Assembly: The collar plate assembly consists of an ASTM A36 4" by 4" (101.6 mm by 101.6 mm) steel plate with a nominal thickness of 3/8" (9.5 mm); with a 1/4"-thick (6.3 mm) piece of 3.5" outside diameter (88.9 mm) ASTM A106 Grade C steel tube that is welded concentrically to the plate from the outside. The collar plate assembly has a rust-inhibitive coating. See Figure A-2 for details.

4. Code Compliance

The strength design of the SettleStop Floor Support System complies with Section 301.1.3 of the 2015, 2018, and 2021 IRC by designing the components in accordance with accepted engineering practice and the applicable material codes (ANSI/AISC 360 – Specification for Structural Steel Buildings). Rust protection for the SettleStop Floor Support System complies with Section 407.2 of the 2015, 2018, and 2021 IRC.

5. Design Basis and Capacity

Finite Element Analysis (FEA) was performed for the threaded rod and top plate assembly to identify the buckling load. The top plate was fixed in all 6 degrees of freedom and the load exerted concentrically at the bottom of the 6" rod. To account for eccentricity, the complete tube and top connection was modeled considering that the collar plate assembly transfers shear loads, but not moment (rotationally free hinge). The top plate again was fixed and the bottom of the tube was pinned, while the tube-to-threaded stud connection was modeled as a perfect hinge. An eigenvalue analysis showed that buckling of the threaded rod is not the governing failure mode, considering a maximum of 0.5" of eccentricity. Finally, a stress analysis showed that the ultimate loads (i.e. 2 times the allowable loads shown in Table 1), does not cause any part of the entire SettleStop Floor Support System to reach their respective ultimate capacities.

The ANSI/AISC 360-22 was used for the evaluation of the column capacity for both the threaded rod and the tube. Based on Table B4.1a of the code, the tube is not locally slender hence flexural buckling would govern for both the rod and tube and the requirements of Chapter E3 were hence applied. The above-mentioned boundary conditions result in the unbraced factor (k) of 2.1 for the rod and 1 for the tube.

5.1. Design Capacities

TABLE 1 – LOAD CAPACITIES FOR SETTLESTOP FLOOR SUPPORT SYSTEM³

NOMINAL HEIGHT (inch) ¹	ALLOWABLE LOAD FOR ASD (lbf)	DESIGN STRENGTH FOR LRFD ² (lbf)
12 - 72	21,000	31,500
72 - 96	19,700	29,600

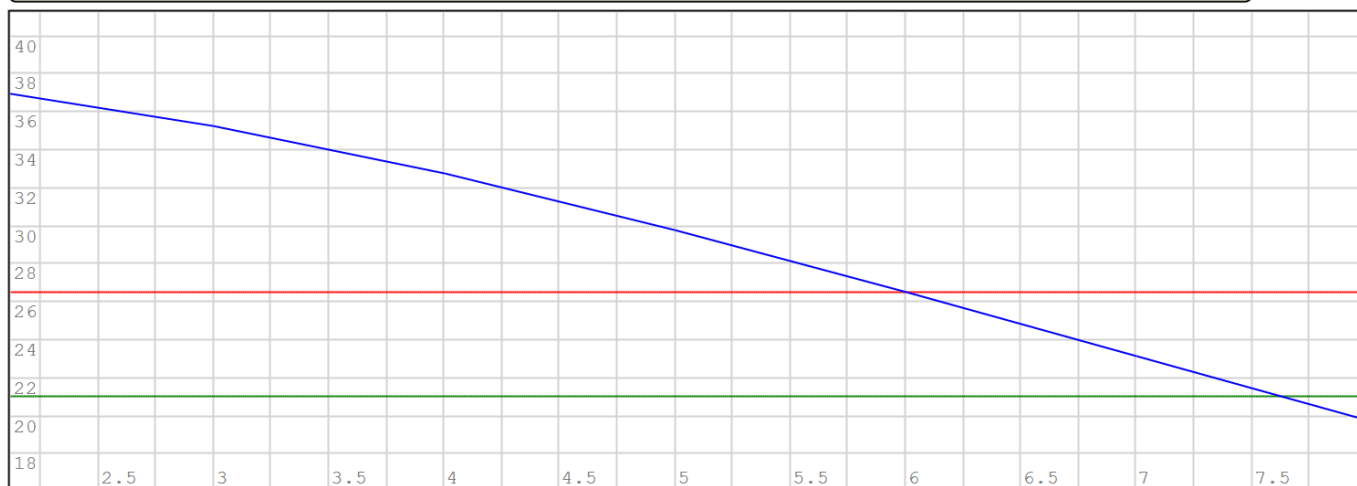
For SI: 1 inch = 25.4 mm, 1 lb. = 4.4 N

¹ Nominal size is the column length at its shortest adjustment.

² LRFD Design Strength values must be compared to factored loads.

³ Allowable loads are compressive axial loading. The SettleStop Floor Support System provides no lateral or axial tension capacity.

Length (ft) vs. Allowable Force (Kips) for Tube (Blue) and Rod (Red) and FEM-Allowable (Green)



5.2. Items Requiring Verification

The following items are related to the use and determination of code compliance for SettleStop Floor Support columns, but are not within the scope of this evaluation report:

- 5.2.1. Determination of loads imposed on the floor support system assembly.
- 5.2.2. Connections of the columns to the footing and supported structure. Top plate is assumed to be rotationally and translationally fixed. Base plate is assumed to be pinned. Top and bottom connection details should be such that these assumptions are satisfied.
- 5.2.3. Footing design and calculations for supporting the columns and imposed load.
- 5.2.4. Bearing capacity of the supported beam/member.

6. Installation and Use

Where required by the code official, engineering calculations and construction documents consistent with this report must be submitted to the code official for approval. The documents must address the items in Section 5.2, consistent with the requirements of this report. The documents must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Installation of the SettleStop Floor Support System must comply with this report, any published installation instructions, and the approved plans. Some general installation details are shown in Appendix B.

SettleStop Floor Support System

- 6.1. The columns must be supported on code-complying foundations capable of supporting the imposed load.
- 6.2. The columns must be placed vertically plumb in the desired position.
- 6.3. The columns must be anchored to the foundation in accordance with the approved plans.
- 6.4. The columns must be adjusted to ensure full bearing of the beam on the top plate. The SettleStop Floor Support System can be adjusted up to a maximum of 4 inches (101.6 mm) of extension and the column height must be limited to the maximum height given in Table 1.
- 6.5. The top plate must be attached to the supported beam in accordance with the approved plans.

APPENDIX A
Component Details

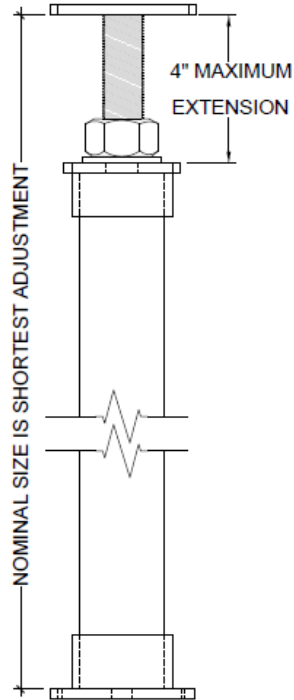


FIGURE A-1 – OVERALL SETTLESTOP FLOOR SUPPORT COLUMN ASSEMBLY

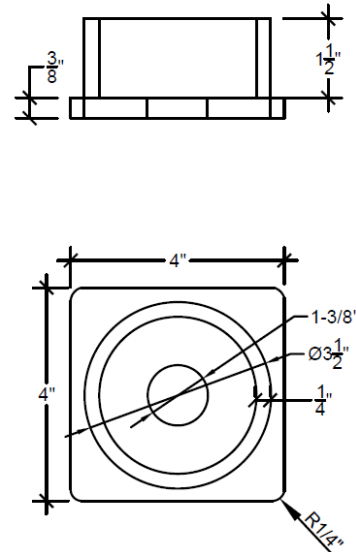


FIGURE A-2—COLLAR PLATE ASSEMBLY

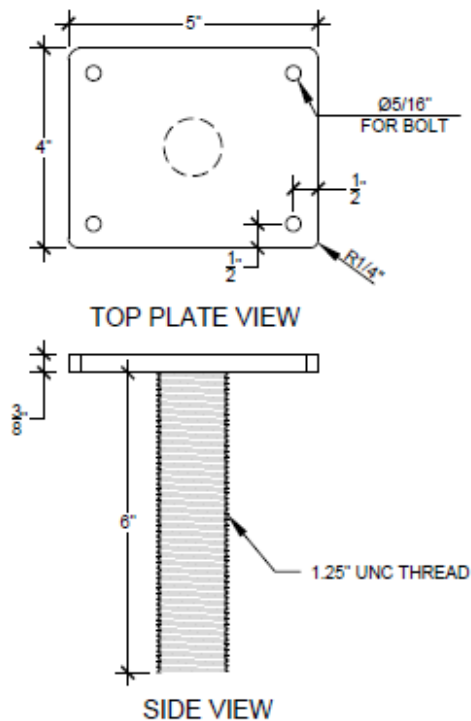


FIGURE A-3 – THREADED ROD AND TOP PLATE ASSEMBLY

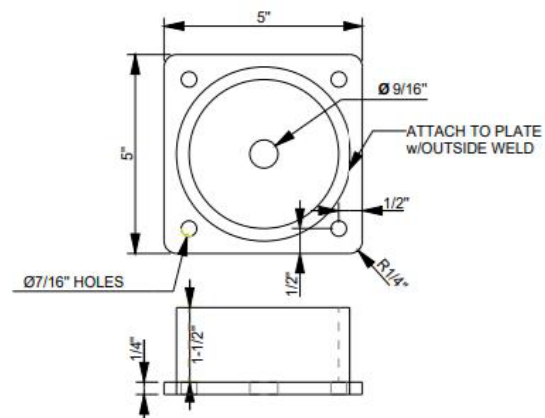
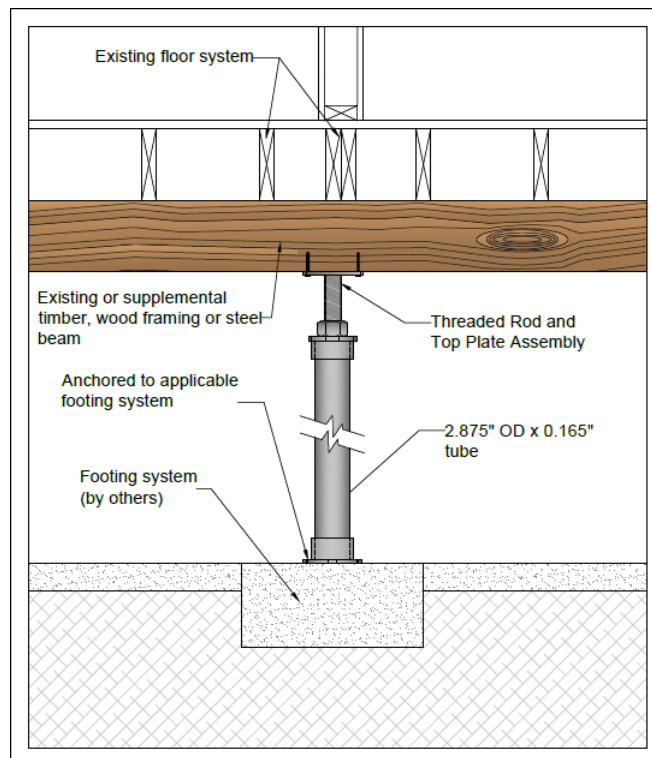


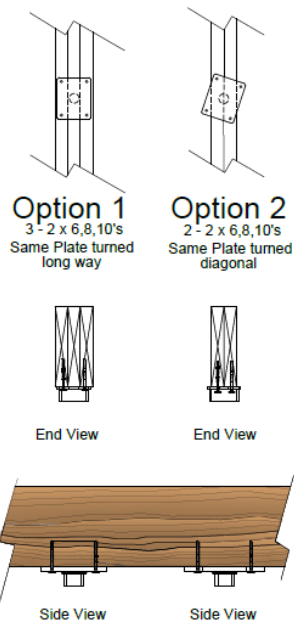
FIGURE A-4 – BASE PLATE

APPENDIX B

Installation Details



Top Connection Options



ICC-ES Evaluation Report

ESR-2147

Reissued May 2026

Subject to renewal May 2028

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DIVISION: 31 00 00—EARTHWORK Section: 31 60 00—Special Foundations and Load-Bearing Elements	REPORT HOLDER: PERMA-COLUMN, LLC 	EVALUATION SUBJECT: PERMA-COLUMN FOOTINGPAD® MODELS FP-10, FP-12, FP-16, FP-20, AND FP-24	
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1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2024, 2021, 2018, 2015, and 2012 [International Building Code® \(IBC\)](#)
- 2024, 2021, 2018, 2015, and 2012 [International Residential Code® \(IRC\)](#)

Properties evaluated:

- Structural
- Durability

2.0 USES

The FootingPad® models FP-10, FP-12, FP-16, FP-20, and FP-24 are used as footings for the support of post columns in exterior locations or under-floor spaces in buildings of Type V construction under the IBC or any construction under the IRC. The FootingPad® post foundations are used as individual, isolated footings supporting gravity loads only.

3.0 DESCRIPTION

The FootingPad® models FP-10, FP-12, FP-16, FP-20, and FP-24 are molded composite footings manufactured from a proprietary composite of engineered polypropylene and fiberglass. The FootingPad® post foundations are circular, ribbed-plastic pads formed by an injection molding process. See [Figures 1, 2, 3, 4](#) and [5](#) for dimensions and rib configurations.

4.0 DESIGN AND INSTALLATION

4.1 Design:

The FootingPad® post foundations are designed as shallow or surface rigid footings that transmit, uniformly to the supporting soil, the applied gravity load imposed by a minimum 3½-inch by 3½-inch (89 mm by 89 mm) post on the FP-10 pad, a minimum 3½-inch-by-3½-inch (89-mm-by-89-mm) post on the FP-12 pad, a minimum 4½ inch by 5½ inch (114 mm by 140 mm) post on the FP-16 pad, a minimum 4½ inch by 5½ inch (114 mm by 140 mm) post on the FP-20 pad and a minimum 4½-inch-by-5½-inch (114-mm-by-140-mm) post on the FP-24 pad. The posts must have a solid base bearing on the pads. Allowable loads are controlled by the type of supporting soil. The post foundations design load must not exceed the allowable gravity loads shown in [Table 1](#).

4.2 Installation:

The post location or spacing must be determined by the loads imposed on the FootingPad® post foundation and the allowable load for the specific type of soil (see [Table 1](#)). If in a post application, the post hole must be slightly larger than the post foundation diameter and deep enough to satisfy all design requirements. The bottom of the hole must be flattened and leveled to provide a uniform bearing surface for the FootingPad® post foundation. The FootingPad® post foundations must be placed into the hole with the flat side down. The footing must be tamped until level and stable in the bottom of the hole. The square-cut-post end must be positioned as close as possible to the center of the FootingPad® post foundation and the post must be plumbed. The dirt around the post must be placed in 12-inch lifts (30.5 cm), tamping each lift before more soil is added.

5.0 CONDITIONS OF USE:

The FootingPad® models FP-10, FP-12, FP-16, FP-20, and FP-24 described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the applicable code and the manufacturer's published installation instructions. If there is a conflict between the manufacturer's installation instructions and this report, this report governs.
- 5.2 The FootingPad® post foundations are used to support post columns for Type V construction under the IBC or any construction under the IRC.
- 5.3 Exterior FootingPad® post foundations must be placed not less than 12 inches (305 mm) below the undisturbed ground surface (i.e., finished grade) in accordance with IBC Section 1809.4 and IRC Sections R403.1.4 and R507.3.2.
- 5.4 Exterior FootingPad® post foundations must be installed below the frost line of the locality unless protected from frost in accordance with IBC Section 1809.5 and IRC Sections R403.1.4.1 and R507.3.3. For installation in under-floor spaces such as crawl spaces in compliance with the IBC and IRC, the bottom of interior footings are permitted to be installed at finished grade unless otherwise required by IBC Section 1809.5 or IRC Section R403.1.4.1 for frost protection or by IBC Section 1805.1.2 or IRC Section R408.6 for surface or ground-water.
- 5.5 The FootingPad® post foundations must be used as individual isolated footings to resist bearing loads only and must not be used to resist lateral or uplift loads.
- 5.6 The design of the structure supported by the FootingPad® post foundations is outside the scope of this report.

6.0 EVIDENCE SUBMITTED

Data in accordance with the [ICC-ES Acceptance Criteria for Molded Plastic Footing Pads \(AC49\)](#), dated August 2013 (editorially revised July 2024).

7.0 IDENTIFICATION

- 7.1 Each FootingPad® post foundation must have a permanent label or etching including the name of the manufacturer, the model number, and the evaluation report number (ESR-2147).
- 7.2 The report holder's contact information is the following:

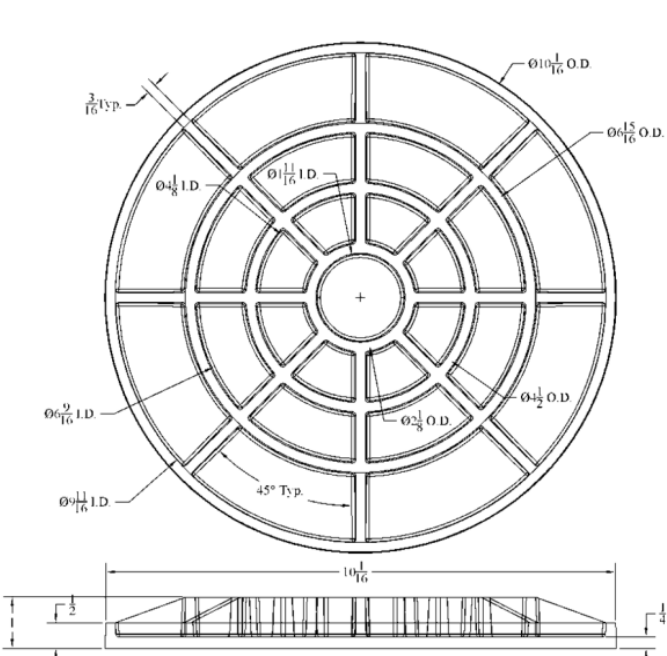
PERMA-COLUMN, LLC
400 CAROL ANN LANE
OSSIAN, INDIANA 46777
(800) 522-2426
www.footingpad.com

TABLE 1— FOOTINGPAD® POST FOUNDATION ALLOWABLE LOADS (POUNDS)
RELATED TO LOAD-BEARING PRESSURES OF FOUNDATION MATERIALS

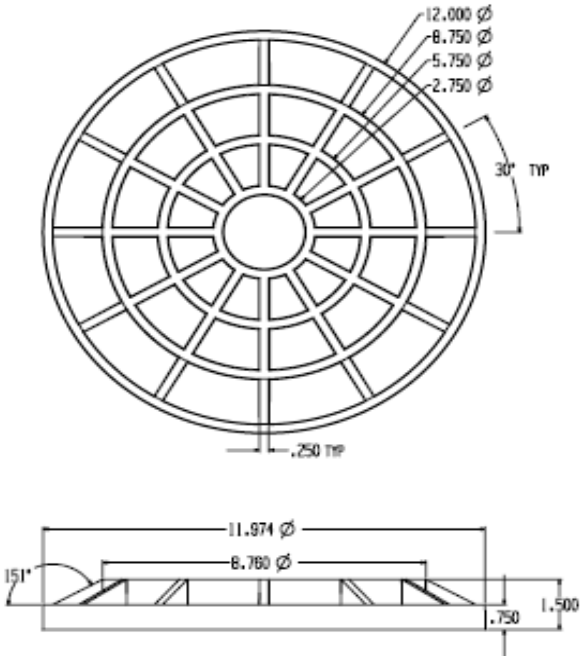
FOOTINGPAD® MODEL	PAD DIAMETER	LOAD-BEARING PRESSURES OF FOUNDATION MATERIALS¹			
		1500 psf	2000 psf	2500 psf	3000 psf
FP-10	10 inch	810 lbs.	1081 lbs	1351 lbs	1622 lbs.
FP-12	12 inch	1126 lbs.	1536 lbs	1946 lbs	2356 lbs.
FP-16	16 inch	2009 lbs.	2739 lbs	3470 lbs	4200 lbs.
FP-20	20 inch	2687 lbs.	3973 lbs	5259 lbs	6545 lbs.
FP-24	24 inch	4013 lbs.	5784 lbs	7556 lbs	9327 lbs.

For SI: 1 inch = 25.4 mm; 1 lbf = 4.4 N; 1 lbf/ft² = 47.9 Pa.

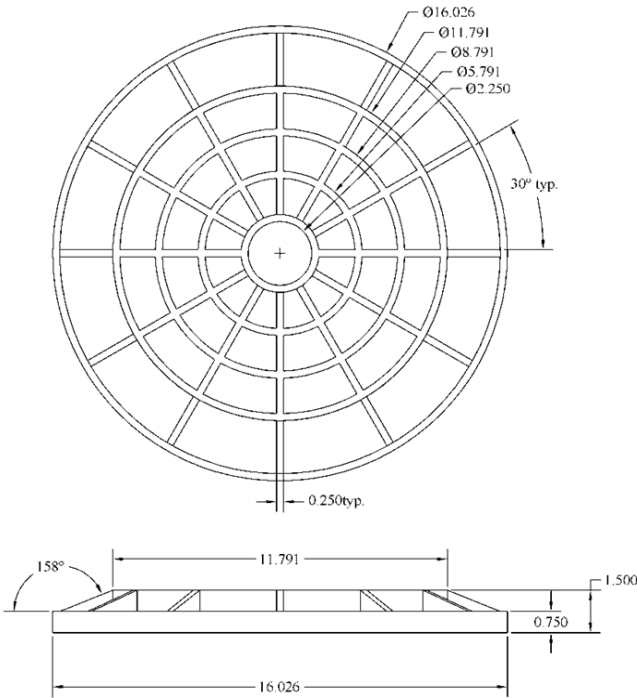
1. Load-bearing pressures of foundation materials shall be determined using the presumptive load-bearing values in IBC Table 1806.2 or IRC R401.4.1, as applicable, or the load-bearing values shall be determined with a site-specific soil investigation, as required by the code official.



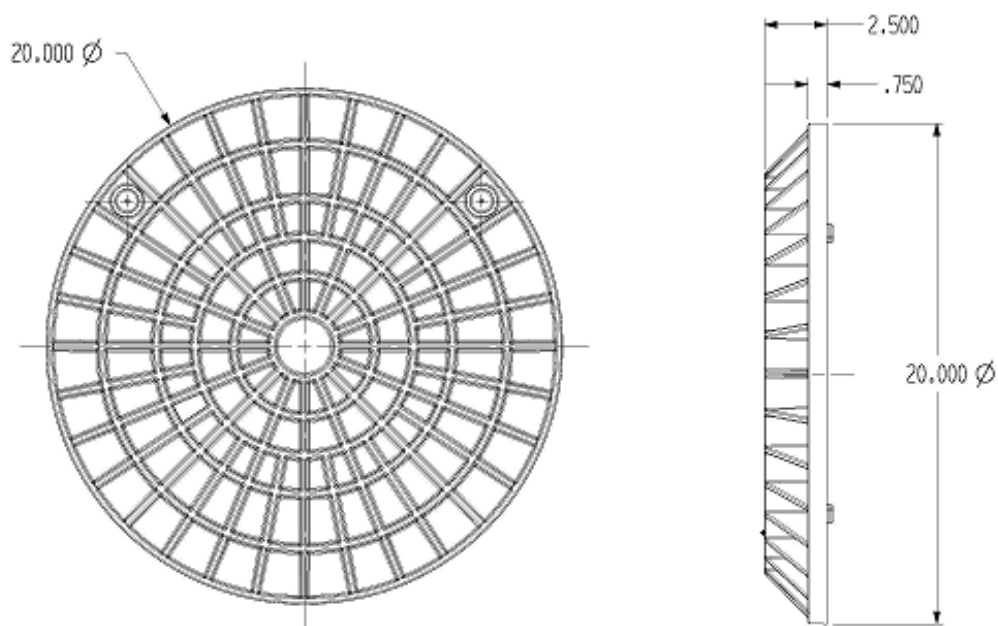
(All Dimensions in inches)
FIGURE 1—FP-10 FOOTINGPAD®



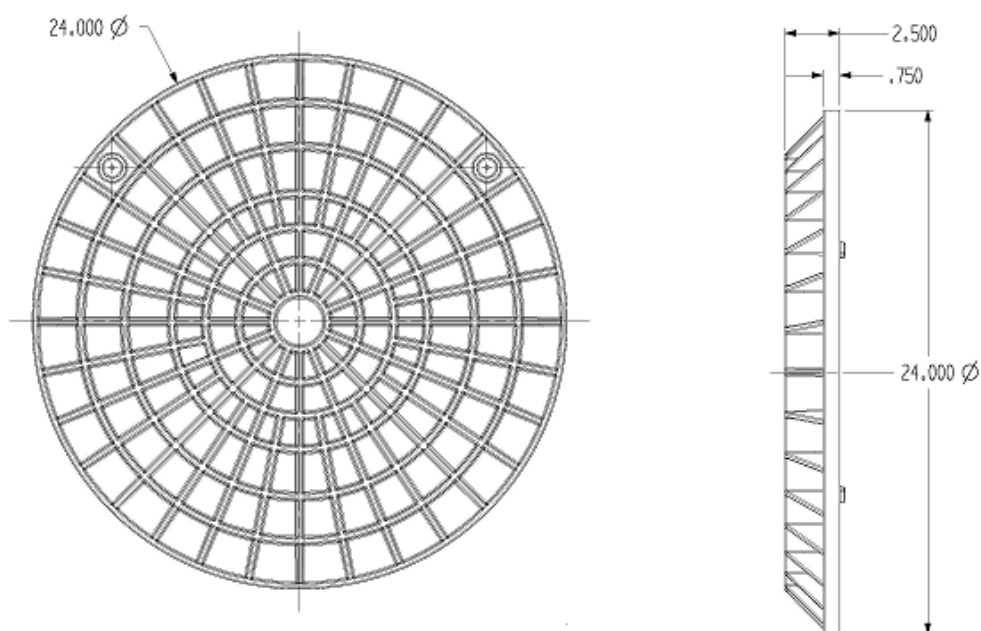
(All dimensions in inches)
FIGURE 2—FP-12 FOOTINGPAD®



(All Dimensions in inches)
FIGURE 3—FP-16 FOOTINGPAD®



(All Dimensions in inches)
FIGURE 4—FP-20 FOOTINGPAD[®]



(All Dimensions in inches)
FIGURE 5—FP-24 FOOTINGPAD[®]