



FODS TRACKOUT CONTROL SYSTEMS

INSTALLATION GUIDE

FODS HARDWARE BOX CONTENTS

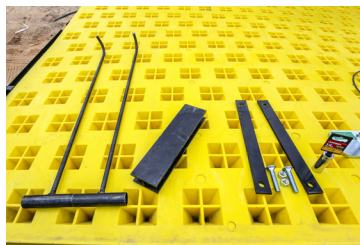
QTY	Product Code	Product Description
14	5210	Long Steel Strap
2	5211	Short Steel Strap
14	5225	1/2" x 2" Bolt
14	5226	Nut for 1/2" Bolt
3	5250	H Bracket
10	5300	Washers & Hair Pin Clips

Recommended	Optional
Crescent Wrench	Impact Driver - with 3/4" socket adapter
Ratchet with 3/4" Socket	27lbs Demolition Hammer -with 5/8" Ground Rod Adapter
Hammer	Extension Cord
Sledge Hammer	Generator/Access to Power Source
Shovel	Concrete Drill with 3/4" Drill Bit

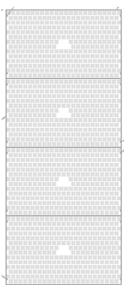
*FODS Hardware box contains the hardware required to complete a typical four mat installation. Hardware boxes are shipped in the center of the mats. An eight mat installation will require 2 FODS Hardware Boxes.

For unique or custom installation layouts or installation questions please contact your distributor.

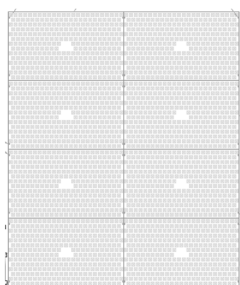
*Anchoring based on substrate.



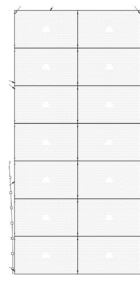
COMMON ENTRANCE LAYOUTS



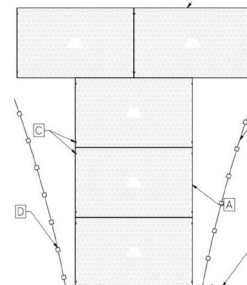
FODS 1X4



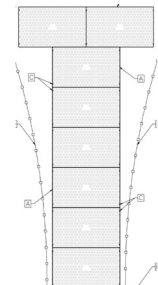
FODS 2X4



FODS 2X7



FODS 1X4T



FODS 1X7T



Before using earth anchors, call 811 for locates to mark underground utilities



GETTING STARTED

MAT PLACEMENT

- 1) Mats should be placed near entry/exit to sites and/or furthest point of egress, and oriented 7' in the direction of travel with logo parallel to the entrance/exit.
- 2) Ground should be free and clear of obstacles. Any low lying areas should be filled in and compacted to make the ground flat.
- 3) Unload mats and align a stack of 2 mats on flat ground.
- 4) Flip top mat over and leave space for placing the H-Bracket between the first and second mats.
- 5) Repeat with additional mats.
- 6) Use FODS hooks or equipment to position mats.

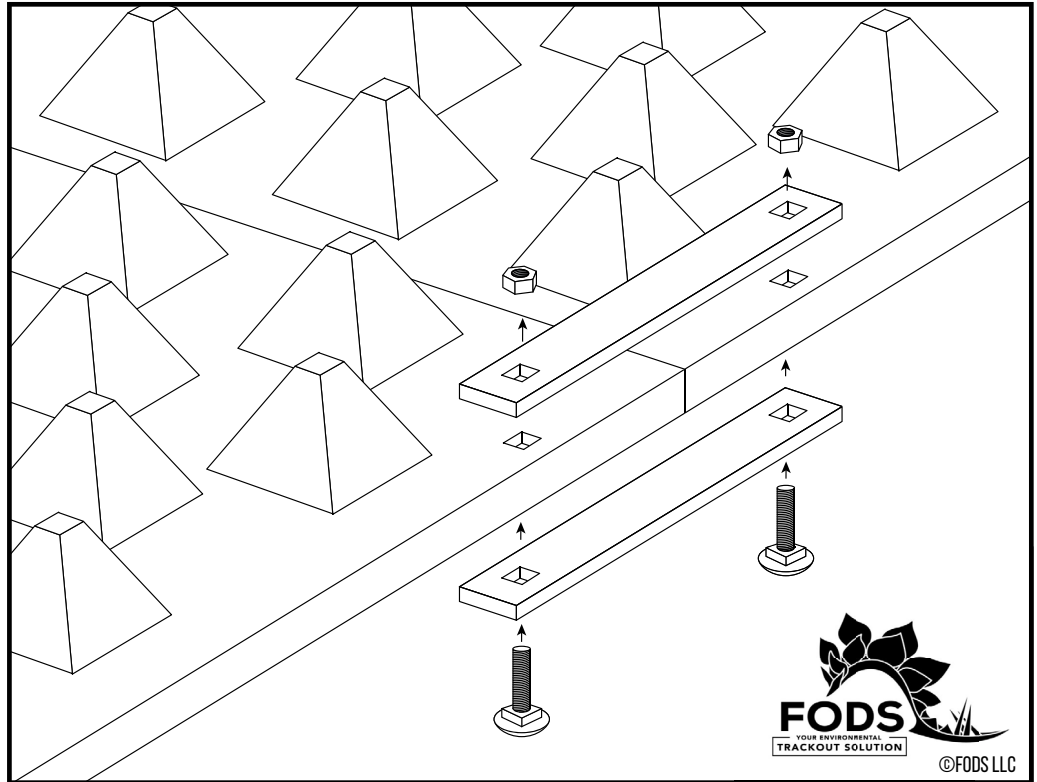


HARDWARE INSTALLATION

- 1) Angle H-Bracket so the opposite sides are slightly on the edge of the mat forming a diagonal (see photo).
- 2) Pull mats together so the edge of each mat is inside the H-Bracket.
- 3) Once H-Brackets are in place connect mats using long steel straps.
- 4) Place one long strap under the side edge of mats that will be connected. Place other strap on top of the mats. Align holes. Push bolts upwards through mat and straps. Tighten nuts on both sides. See following page.
- 5) For Side By Side Installations (i.e. (2) mats wide at the entrance, use short-straps to connect mats as shown in diagram on the following page.

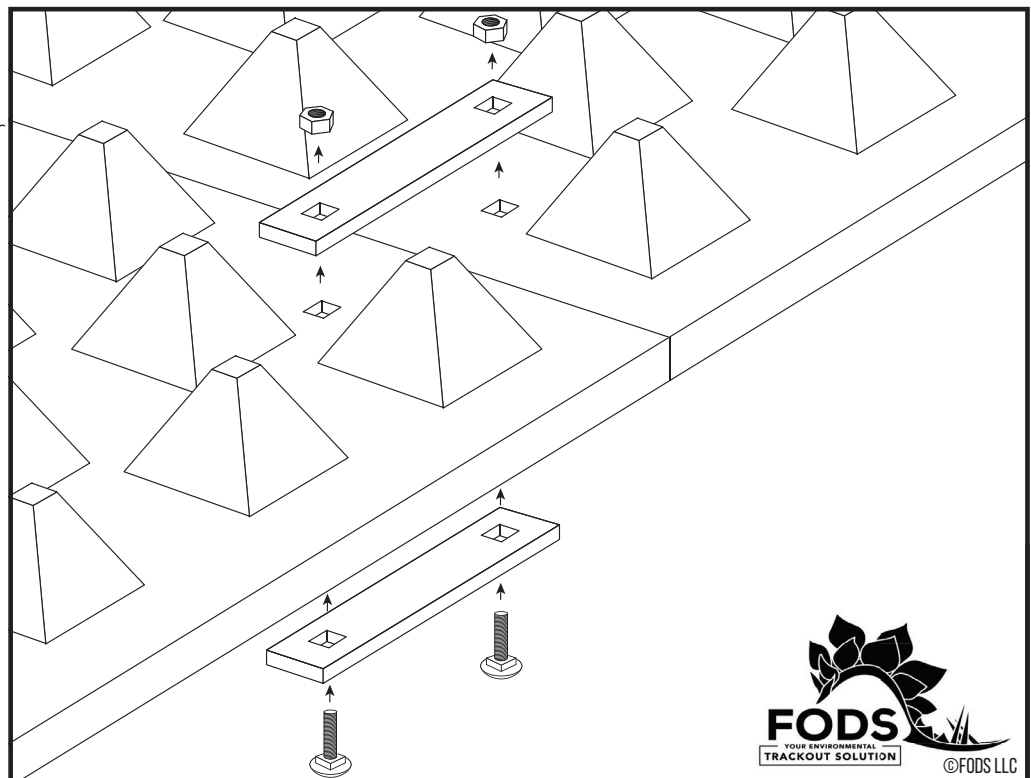
DIRECTIONS FOR CONNECTING LONG STRAPS:

- 1) Connect mats together using 2 long steel straps
- 2) Place 1 long strap under two adjoining edges of the mats that will be connected
- 3) Align holes
- 4) Place 1 long steel strap on top of the mat
- 5) Align holes
- 6) Push bolt upwards through mat and straps
- 7) Place nut onto upright bolt thread
- 8) Tighten nut



DIRECTIONS FOR CONNECTING SHORT STRAPS:

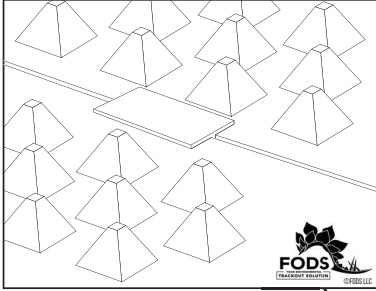
- 1) Connect mats together using 2 short steel straps
- 2) Place 1 short strap under two adjoining edges of the mats that will be connected
- 3) Align holes
- 4) Place 1 short steel strap on top of the mat
- 5) Align holes
- 6) Push bolt upwards through mat and straps
- 7) Place nut onto upright bolt thread
- 8) Tighten nut



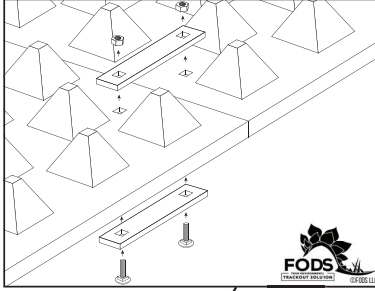


1 X 4 T-MAT CONFIGURATION

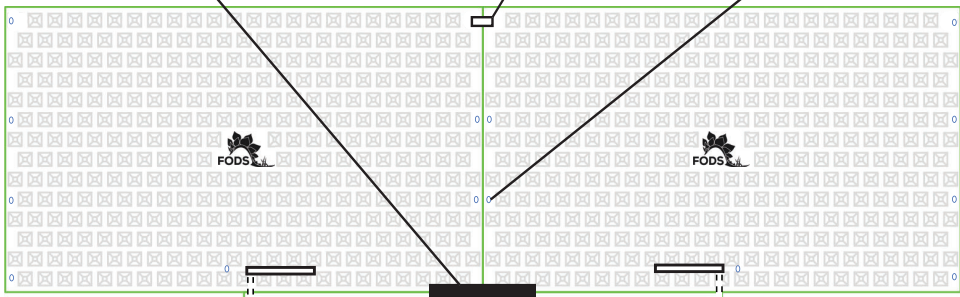
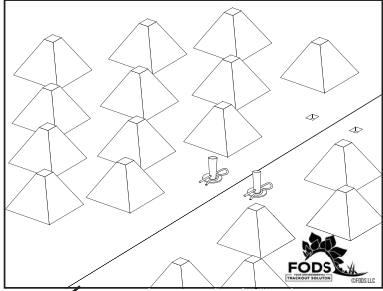
PLACING H-BRACKETS



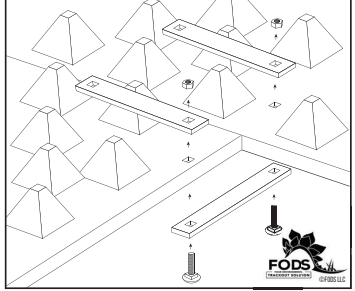
CONNECTING SHORT STRAPS



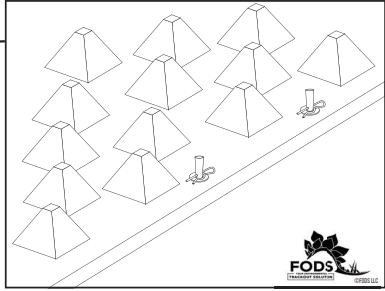
INNER FORM STAKE ANCHOR SYSTEM



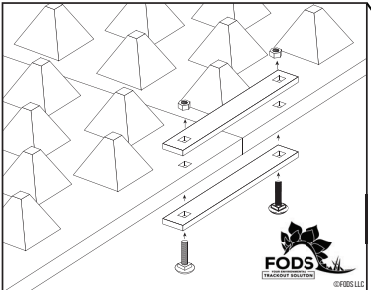
STANDARD T-MAT CONNECTION



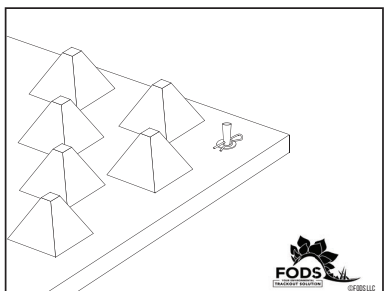
SIDE FORM STAKE ANCHOR SYSTEM



CONNECTING LONG STRAPS



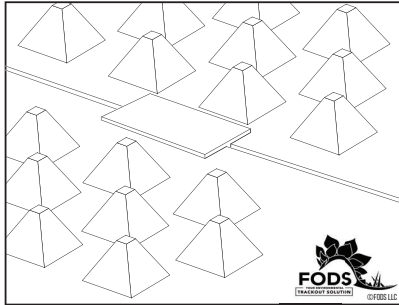
CORNER FORM STAKE ANCHOR SYSTEM



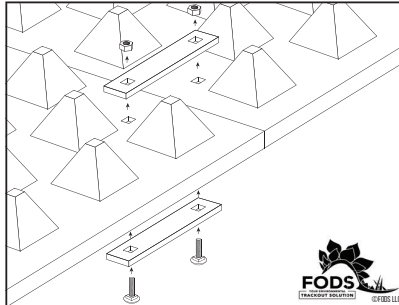


2 X 4 MAT CONFIGURATION

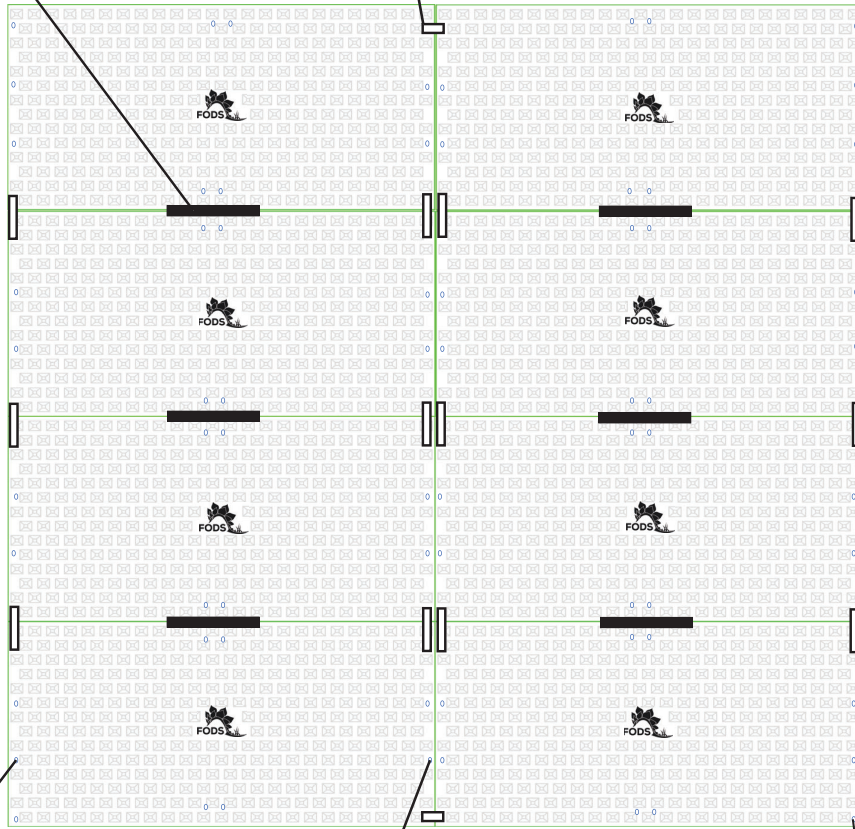
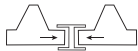
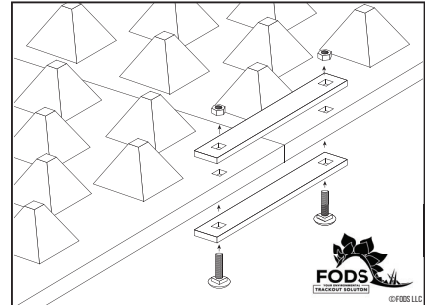
PLACING H-BRACKETS



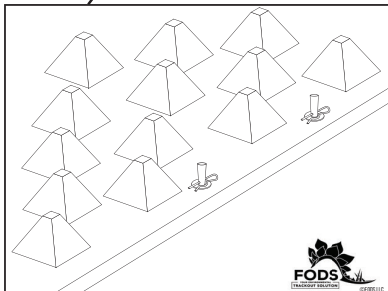
CONNECTING SHORT STRAPS



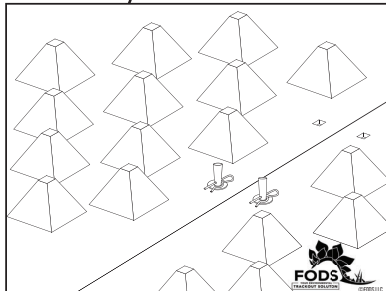
CONNECTING LONG STRAPS



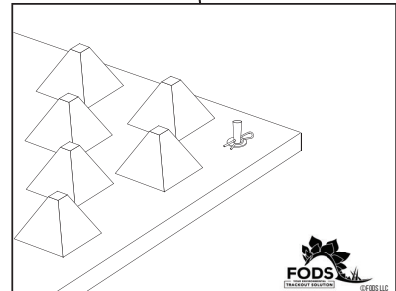
STREET
↑



SIDE FORM STAKE ANCHOR SYSTEM



INNER FORM STAKE ANCHOR SYSTEM



CORNER FORM STAKE ANCHOR SYSTEM

ANCHORING

To ensure proper performance and safety, FODS Track out system must be anchored in place. Proper anchoring procedure will vary depending on use and substrate condition. Anchoring systems are sold separately. Choose from 2 anchoring systems:



ANCHOR SYSTEM #1: FORM STAKES



- 1) Place stake into pre-fabricated holes at outer edges of mat (recommended 2 stakes per mat minimum).
- 2) Select anchor holes where mat is most flush with the ground.
- 3) To prevent mat from "riding up" on the stakes, place a washer over the stake and insert a hairpin clip through the top hole of the stake.
- 4) Hammer stake into the ground until hairpin clip is snug against the washer.
- 5) Stakes should be driven a minimum of 1" below tops of FODS pyramids.
- 6) 18" or 24" stakes recommended depending on soil structure.

ANCHOR SYSTEM #2: INSTALLATION ON ASPHALT OR CONCRETE

To Anchor mats to asphalt or a concrete, a concrete sleeve expandable anchor should be used. Recommended anchor diameter is $\frac{3}{4}$ ". A minimum depth of 4" from top of mat down into the hole is also recommended.

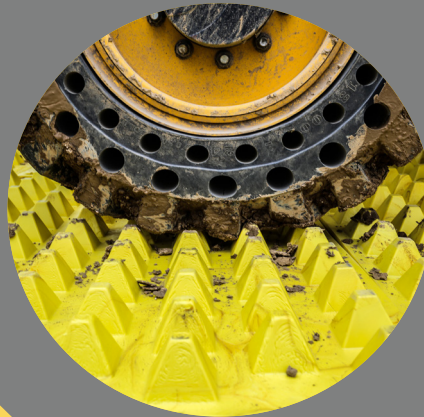
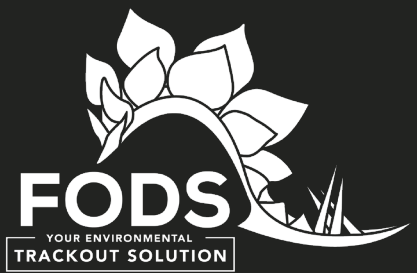
To install concrete sleeve anchor:

- 1) Insert drill bit through the mat's pre-fabricated holes where a concrete sleeve anchor will be placed.
- 2) Drill a hole into the asphalt or concrete, using a hammer drill with $\frac{3}{4}$ " carbide drill bit.
- 3) After the hole has been drilled to proper depth, remove debris.
- 4) Insert concrete sleeve anchor into hole.
- 5) Hammer concrete sleeve anchor flush with top of mat.
- 6) Tighten nut to expand concrete sleeve anchor.



**Know what's below.
Call before you dig.**





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