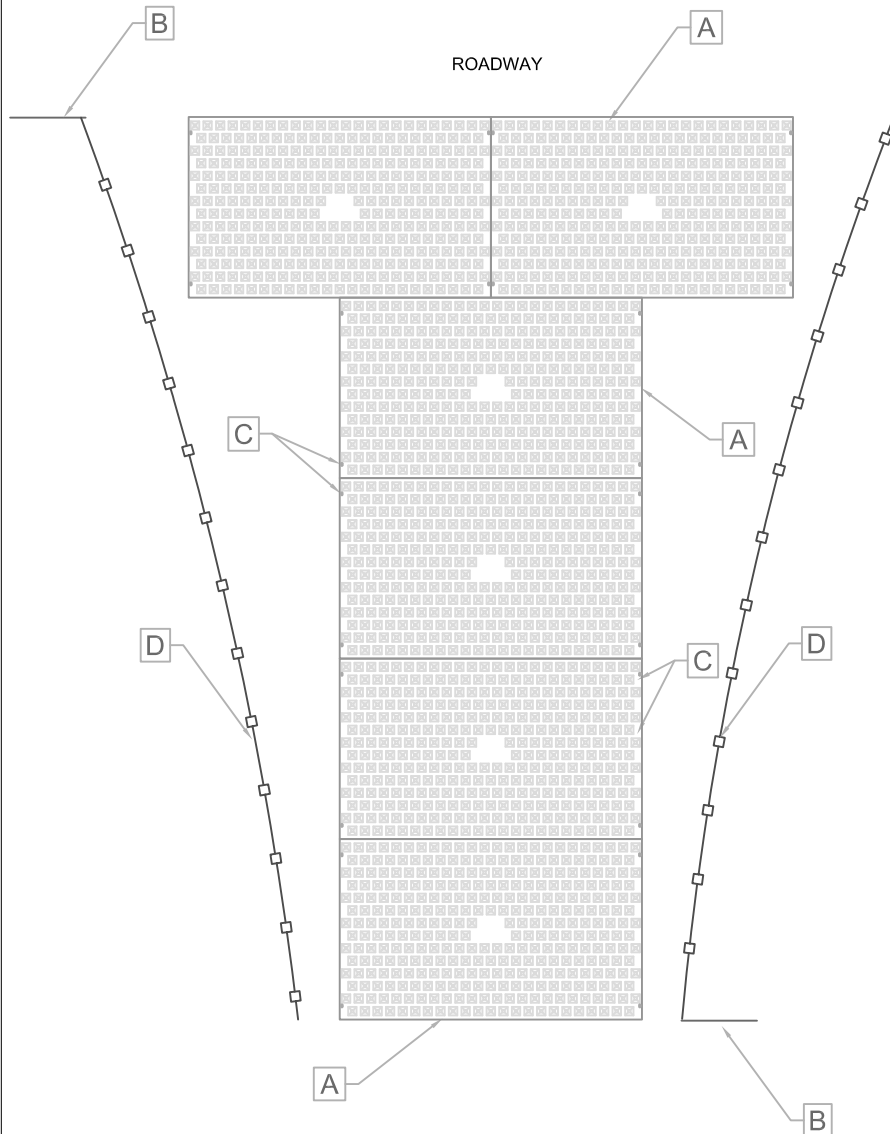


REUSABLE CONSTRUCTION ENTRANCE INSTALLATION

THE PURPOSE AND DESIGN OF THE REUSABLE CONSTRUCTION ENTRANCE IS TO EFFECTIVELY REMOVE MOST SEDIMENT FROM VEHICLE TIRES AS THEY EXIT A DISTURBED LAND AREA ONTO A PAVED STREET. THIS MANUAL IS A PLATFORM FROM WHICH TO INSTALL A REUSABLE CONSTRUCTION ENTRANCE (NOTE: THIS IS NOT A ONE SIZE FITS ALL GUIDE.) THE INSTALLATION MAY NEED TO BE MODIFIED TO MEET THE EXISTING CONDITIONS, EXPECTATIONS, OR DEMANDS OF A PARTICULAR SITE. THIS IS A GUIDELINE. ULTIMATELY THE REUSABLE CONSTRUCTION ENTRANCE SHOULD BE INSTALLED SAFELY WITH PROPER ANCHORING AND SIGNS PLACED AT THE ENTRANCE AND EXIT TO CAUTION USERS AND OTHERS.

KEY NOTES:

- A. REUSABLE CONSTRUCTION ENTRANCE.
- B. SAFETY SIGN.
- C. ANCHOR POINT.
- D. SILT OR ORANGE CONSTRUCTION FENCE.



TYPICAL ONE-LANE LAYOUT

INSTALLATION:

1. THE SITE WHERE THE REUSABLE CONSTRUCTION ENTRANCE IS TO BE PLACED SHOULD CORRESPOND TO BEST MANAGEMENT PRACTICES AS MUCH AS POSSIBLE. THE SITE WHERE THE REUSABLE CONSTRUCTION ENTRANCE IS PLACED SHOULD ALSO MEET OR EXCEED THE LOCAL JURISDICTION OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS.
2. CALL FOR UTILITY LOCATES 3 BUSINESS DAYS IN ADVANCE OF THE OF REUSABLE CONSTRUCTION ENTRANCE INSTALLATION FOR THE MARKING OF UNDERGROUND UTILITIES. CALL THE UTILITY NOTIFICATION CENTER AT 811.
3. ONCE THE SITE IS ESTABLISHED WHERE THE REUSABLE CONSTRUCTION ENTRANCE IS TO BE PLACED, ANY EXCESSIVE UNEVEN TERRAIN SHOULD BE LEVELED OUT OR REMOVED SUCH AS LARGE ROCKS, LANDSCAPING MATERIALS, OR SUDDEN ABRUPT CHANGES IN ELEVATION.
4. THE INDIVIDUAL MATS CAN START TO BE PLACED INTO POSITION. THE FIRST MAT SHOULD BE PLACED NEXT TO THE CLOSEST POINT OF EGRESS. THIS WILL ENSURE THAT THE VEHICLE WILL EXIT STRAIGHT FROM THE SITE ONTO THE PAVED SURFACE.
8. AFTER THE FIRST MAT IS PLACED DOWN IN THE PROPER LOCATION, MATS SHOULD BE ANCHORED TO PREVENT THE POTENTIAL MOVEMENT WHILE THE ADJOINING MATS ARE INSTALLED. ANCHORS SHOULD BE PLACED AT EVERY ANCHOR POINT (IF FEASIBLE) TO HELP MAINTAIN THE MAT IN ITS CURRENT POSITION.
9. AFTER THE FIRST MAT IS ANCHORED IN ITS PROPER PLACE, AN H BRACKET SHOULD BE PLACED AT THE END OF THE FIRST MAT BEFORE ANOTHER MAT IS PLACED ADJACENT TO THE FIRST MAT.
10. ONCE THE SECOND MAT IS PLACED ADJACENT TO THE FIRST MAT, MAKE SURE THE H BRACKET IS CORRECTLY SITUATED BETWEEN THE TWO MATS, AND SLIDE MATS TOGETHER.
11. NEXT THE CONNECTOR STRAPS SHOULD BE INSTALLED TO CONNECT THE TWO MATS TOGETHER.
12. UPON PLACEMENT OF EACH NEW MAT IN THE SYSTEM, THAT MAT SHOULD BE ANCHORED AT EVERY ANCHOR POINT TO HELP STABILIZE THE MAT AND ENSURE THE SYSTEM IS CONTINUOUS WITH NO GAPS IN BETWEEN THE MATS.
13. SUCCESSIVE MATS CAN THEN BE PLACED TO CREATE THE REUSABLE CONSTRUCTION ENTRANCE REPEATING THE ABOVE STEPS.

USE AND MAINTENANCE

1. VEHICLES SHOULD TRAVEL DOWN THE LENGTH OF THE REUSABLE CONSTRUCTION ENTRANCE AND NOT CUT ACROSS THE MATS.
2. DRIVERS SHOULD TURN THE WHEEL OF THEIR VEHICLES SUCH THAT THE VEHICLE WILL MAKE A SHALLOW S-TURN ROUTE DOWN THE LENGTH OF THE REUSABLE CONSTRUCTION ENTRANCE.
3. MATS SHOULD BE CLEANED ONCE THE VOIDS BETWEEN THE PYRAMIDS BECOME FULL OF SEDIMENT. TYPICALLY THIS WILL NEED TO BE PERFORMED WITHIN TWO WEEKS AFTER A STORM EVENT. BRUSHING IS THE PREFERRED METHOD OF CLEANING, EITHER MANUALLY OR MECHANICALLY.
4. THE USE OF ICE MELT, ROCK SALT, SNOW MELT, DE-ICER, ETC. SHOULD BE UTILIZED AS NECESSARY DURING THE WINTER MONTHS AND AFTER A SNOW EVENT TO PREVENT ICE BUILDUP.

REMOVAL

1. REMOVAL OF THE REUSABLE CONSTRUCTION ENTRANCE IS REVERSE ORDER OF INSTALLATION.
2. STARTING WITH THE LAST MAT, THE MAT THAT IS PLACED AT THE INNERMOST POINT OF THE SITE OR THE MAT FURTHEST FROM THE EXIT OR PAVED SURFACE SHOULD BE REMOVED FIRST.
3. THE ANCHORS SHOULD BE REMOVED.
4. THE CONNECTOR STRAPS SHOULD BE UNBOLTED AT ALL LOCATIONS IN THE REUSABLE CONSTRUCTION ENTRANCE.
5. STARTING WITH THE LAST MAT IN THE SYSTEM, EACH SUCCESSIVE MAT SHOULD THEN BE MOVED AND STACKED FOR LOADING BY FORKLIFT OR EXCAVATOR ONTO A TRUCK FOR REMOVAL FROM THE SITE.



FODS REUSABLE CONSTRUCTION ENTRANCE

INSTALLATION GUIDE

(303) 395-1069

(844) 200-3637

7328 S REVERE PARKWAY #204B

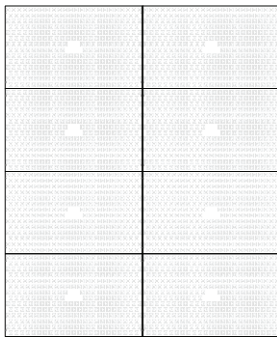
CENTENNIAL, CO 80112

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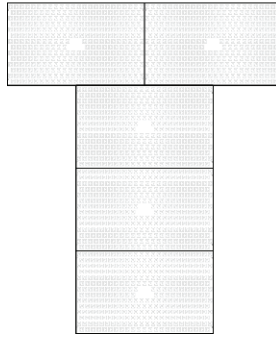
CHOOSE ENTRANCE LAYOUT



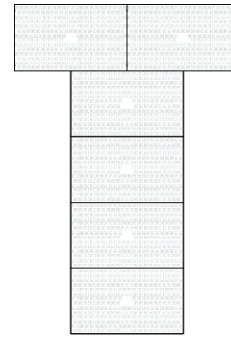
FODS 1x4



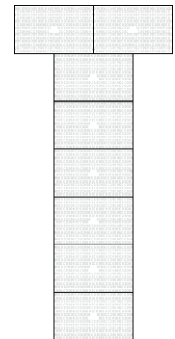
FODS 2x4



FODS 1x4T



FODS 1x5T



FODS 1x7T

For drawings above visit www.getfods.com/layouts. For unique or custom installation layouts or installation questions please contact your distributor or FODS at 844-200-3637.

CHOOSE ANCHOR TYPE



Installing On Grade, Dirt, or Sand

Round Head Stakes

Concrete Form Stakes w/ Pin & Washer



Installing On Concrete or Asphalt

Concrete Screw Anchors

Expandable Sleeve Anchors

Recommended Tooling

Stake Anchors*	Screw Anchors	Sleeve Anchors
Concrete Rotary Hammer Drill	Concrete Rotary Hammer Drill	Concrete Rotary Hammer Drill
3/4" Drill Bit	3/4" Concrete Drill Bit	3/4" Concrete Drill Bit
Sledge Hammer	Impact Driver	Impact Driver
Pins and Washers*	1-1/8" Socket	15/16" Socket
		Sledge Hammer

Recommended 4 anchors per mat based on substrate.

*Pins and washers are required when using concrete form stakes.



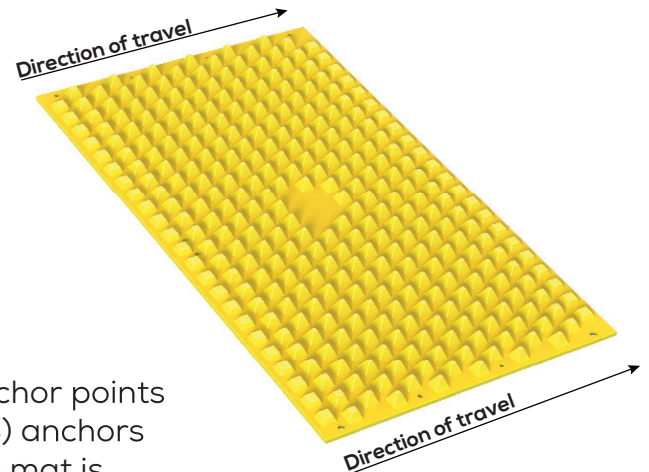
Before using earth anchors, call 811 for locates to mark underground utilities



INSTALLATION

PLACEMENT & PREP

- 1) FODS Mats should be placed at egress points where vehicles exit onto public roadways. The ground should be free of large rocks and obstacles. Any low areas, pits or holes should be filled and compacted to ensure a level surface.
- 2) Note the orientation and direction of travel. For best performance, 12' x 7' mats should be installed in series. The mats are oriented to create an exit lane with a width of 12'.
- 3) Slide the mats into place using the Mat Moving Tool or equipment. When installing over asphalt or concrete, leave a 2" gap between mats.



ANCHORING

FODS Track out system must be anchored in place. Anchor points are located around the perimeter of each mat. Four (4) anchors are recommended per mat. Select anchor holes where mat is most flush with the ground. Anchors are sold separately.



ROUND HEAD STAKE

- 1) Predrill the holes for the stakes using a 3/4" drill bit.
- 2) Use a sledge hammer to drive the stakes into the substrate.



SCREW ANCHOR

- 1) Predrill the holes using a 3/4" concrete drill bit. Remove debris.
- 2) Using an impact driver with a 1-1/8" socket, drive the anchor into the concrete.



CONCRETE FORM STAKE

- 1) Predrill the holes for the stakes using a 3/4" drill bit.
- 2) Use a sledge hammer to drive the stake into the substrate.
- 3) Add washer and pin as shown, then hammer stake until flush.



EXPANDABLE SLEEVE ANCHOR

- 1) Predrill the holes using a 3/4" concrete drill bit. Remove debris.
- 2) Use a sledge hammer to drive the anchors into the substrate.
- 3) Using an impact driver with a 15/16" socket, expand the anchor.

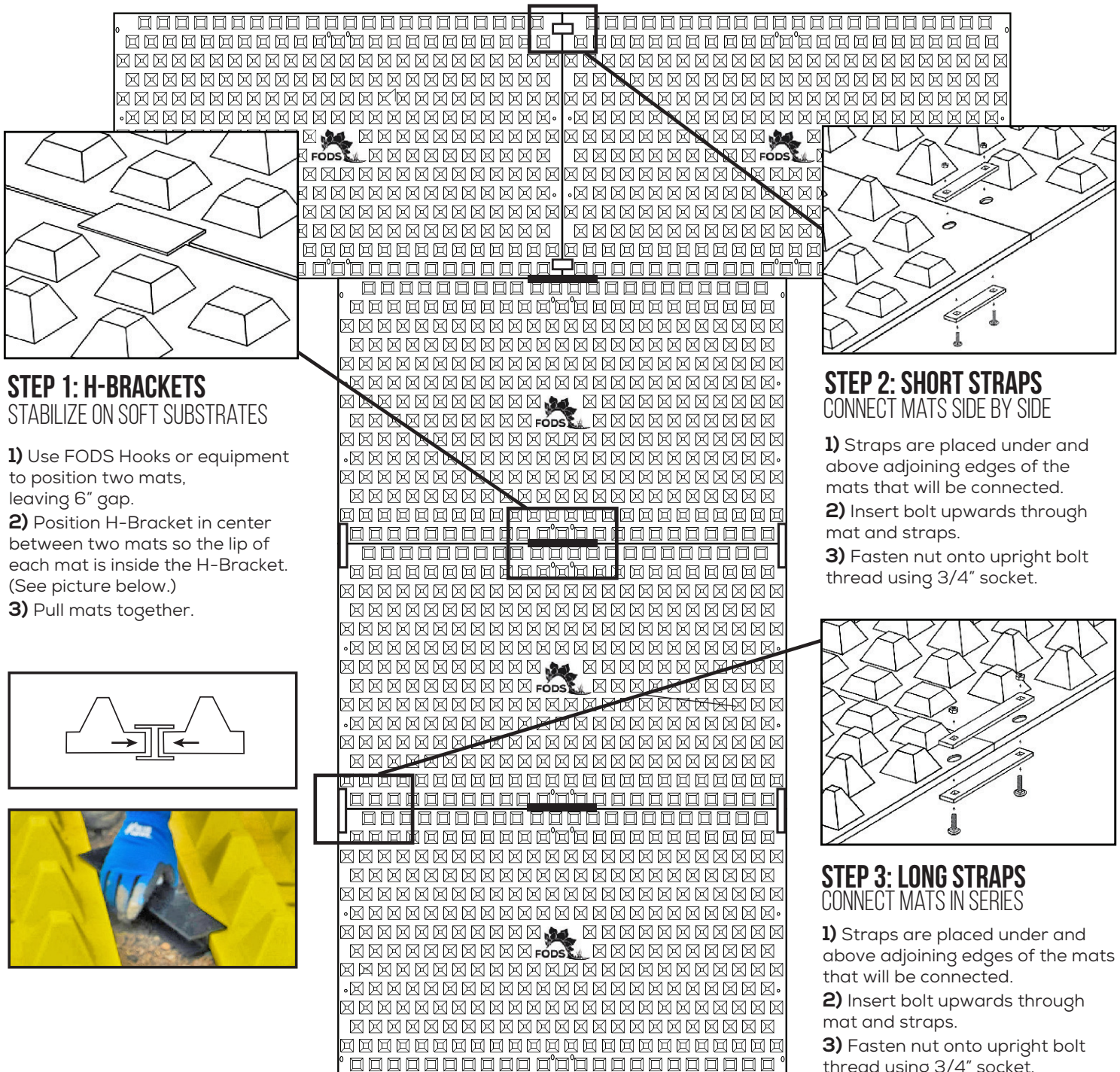
OPTIONAL HARDWARE

FODS optional hardware kits can be used to gain additional stability and weight distribution. FODS hardware kits are recommended on substrates such as soft soil or sand. The hardware kit contains metal straps, and an "H-Bracket" which are installed in the locations shown on the diagram below.

Recommended Tooling

Impact Driver

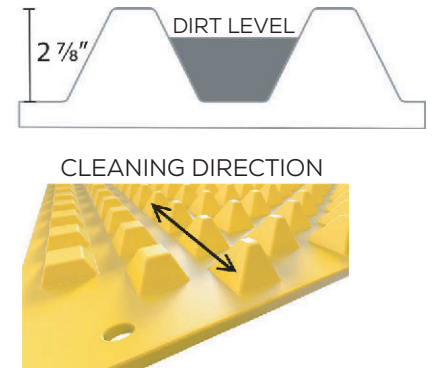
3/4" Socket



MAINTENANCE

To ensure continued performance, FODS mats should be regularly inspected and maintained. Mats should be cleaned before voids between the pyramids fill up with 2.5" of sediment above the base of the mat. In most cases, the existing street sweeping process can be used to clean the mats. Commonly a street sweeper or skid steer with a broom attachment are used. Adjustable heads on the street sweepers may be required to effectively remove sediment from between pyramids.

A FODS shovel is also available for manual cleaning. The FODS shovel is shaped to fit between pyramids which are aligned in rows.



MORE RESOURCES

Scan the QR code below to watch a video of the installation process and access more information on FODS Reusable Construction Entrance, including Technical Data Sheets,

HOW TO SCAN QR CODE

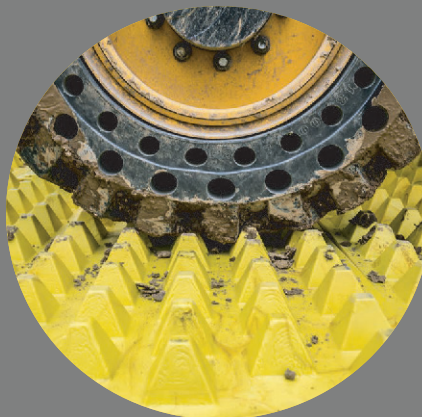
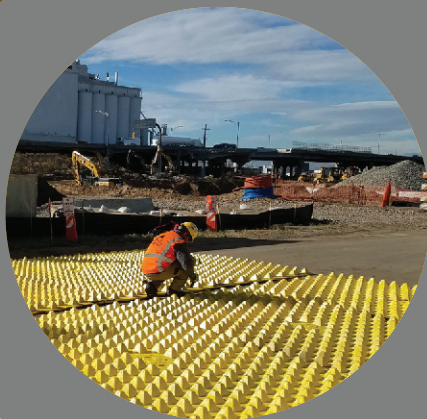
Open the camera app on your mobile device. Point your camera at the QR code, and click on the prompt.



SEND US A PHOTO

Take a photo of your installed entrance or of the FODS in use and we will send you back some fantastic free FODS swag such as work vests, masks, t-shirts, coffee mugs, etc. Scan the QR code or visit the bottom of any of our webpages on our website www.getfods.com to submit your photos. We thank you, in advance, for your submissions!





Know what's below.
Call before you dig.

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