

24" Sonotube

Foam to create keyway

Lagging

Lag bolt with bracket for scaffold tie off

Tie-back rod and bracket

Soil

Duplex nail with wire for rebar tie off

Screed pin or rod penetration

Soil

Plastic sheeting

Steel I-beam

TREMDrain 1000 only to be applied above the water table and shall not be placed inside of the blockout area

Paraseal GM/LG

Concrete fill (see note)

1/4" thick layer of Paramastic over tie-back bracket

Use wet fire blanket to protect the Paraseal GM/LG when the tie-back rod and bracket are burned off

Paraseal GM LG target sheet

Para JT Taped seams

Superstop Waterstop

Seal full perimeter of TREMDrain with cant bead of Dymonic 100, Vulkem 116 or TREMproof 250 GC-T

Note: Paraseal products require a min of 24 PSF of compaction/confinement in order to function as designed.

Note: In submerged conditions blockouts must be filled with grout or concrete only; no shotcrete.

**TREMCO**

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Detail: DETENTIONED TIE-BACK WITH BRACKET  
BLOCKOUT METHOD USING 24" SONOTUBE

This detail is intended for conceptual purposes only.

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