Figure 1. Minimum Anchor Pattern

Maxim	Maximum Design Conditions	ditions	Anchor
Shear Stress	Velocity	Wave Heigth	Pattern
<= 6 lbs/ft2	<= 14 ft/s	6 in.	F
>6-8 lbs/ft2	> 14-18 ft/s	12 in.	G
>8 lbs/ft2	> 18 ft/s	18 in.	Н

Figure 2. Minimum Anchor Type

Soll Type	Anchor Type
Clay-Clay Loam	10 in Wire Staple
Silt Loam - Loam	10 in Wire Staple
Sandy Loam	12 in Wire Staple
Sand / Muck <= 6 in	12in Rebar Staple
Sand / Muck 6-12 in	18 in Rebar Staple
Sand / Muck 12-18 in	24 in Earth Anchor + 12 in Rebar Staple
Sand / Muck > 18 in	36 in Earth Anchor = 18 in Rebar Staple

Figure 3. Anchor Patterns for use with Wire/Rebar Staples

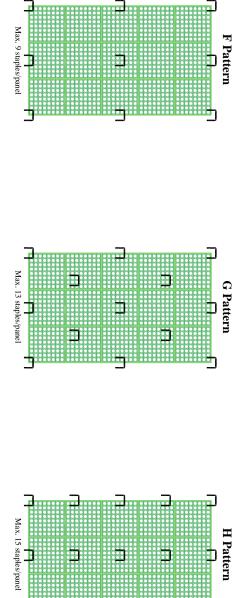
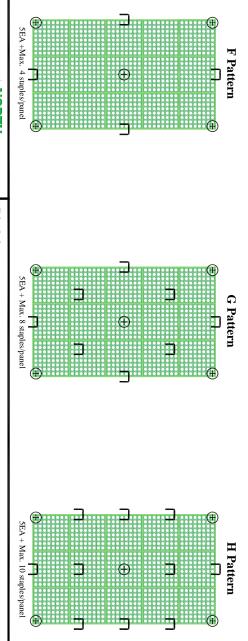


Figure 4. Anchor Patterns for use with Combination of Earth Anchors and Staples



ShoreIVIa,

ANCHORING GUIDE

- 1. When installing ShoreMax mat, should be selected based on the or wave impact) (figure 1). conditions (shear stress, velocity, expected the anchor pattern (figure 3 or 4) maximum design
- 2. Anchor selection should be based soft, strength required (figure 2). In staples (figure 4). installed in conjunction with rebar necessary. Earth anchors can be percussion earth anchors may be on the soil type and pull-out highly erodible soils
- 3. When using percussion earth panels. corner and the center of the shared between two adjacent remainder of mat. Staples can be appropriate panel. Place staples anchors, position anchors in each pattern through in the

*Note:

sharing staples between panels. can be reduced by 30-40% when Number of staples used per panel

- Wire/Rebar Staple

+ - Percussion Earth Anchor

ensar

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consult an independent professional for further design guidance The information presented herein is general design information only. For specific applications

Drawing Not To Scale

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