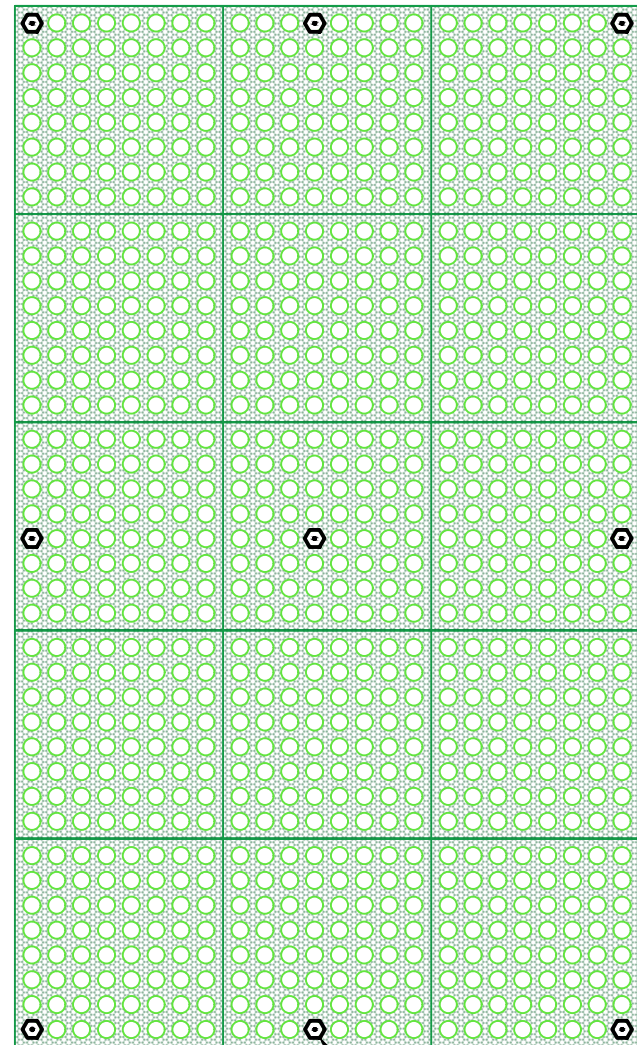


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

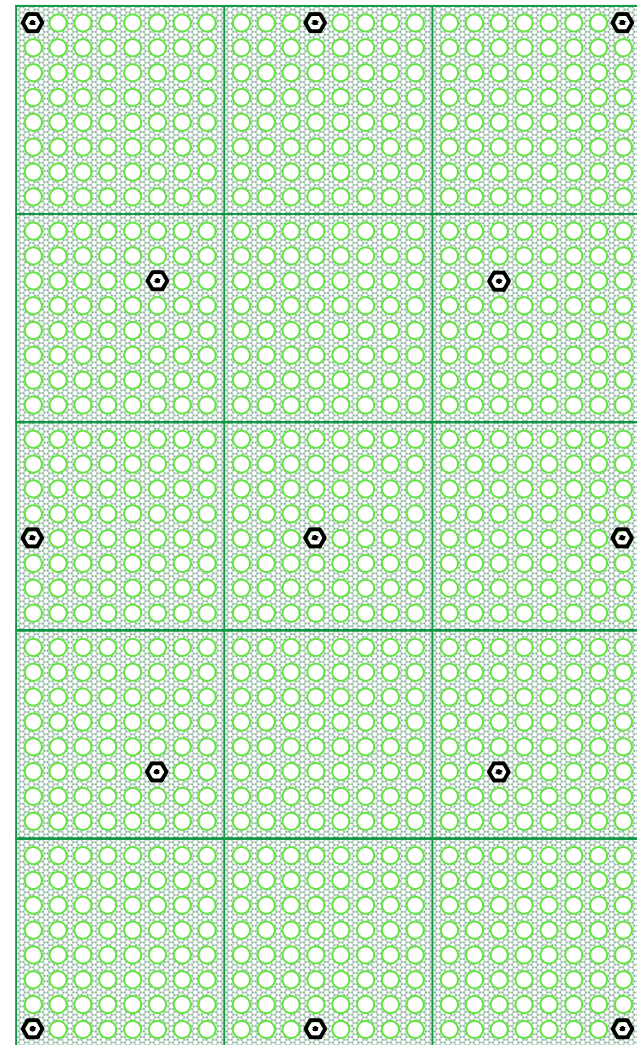
ShoreMax™ Anchor Patterns for use with Twist Pins & PDAs

F Pattern
9 pins/panel

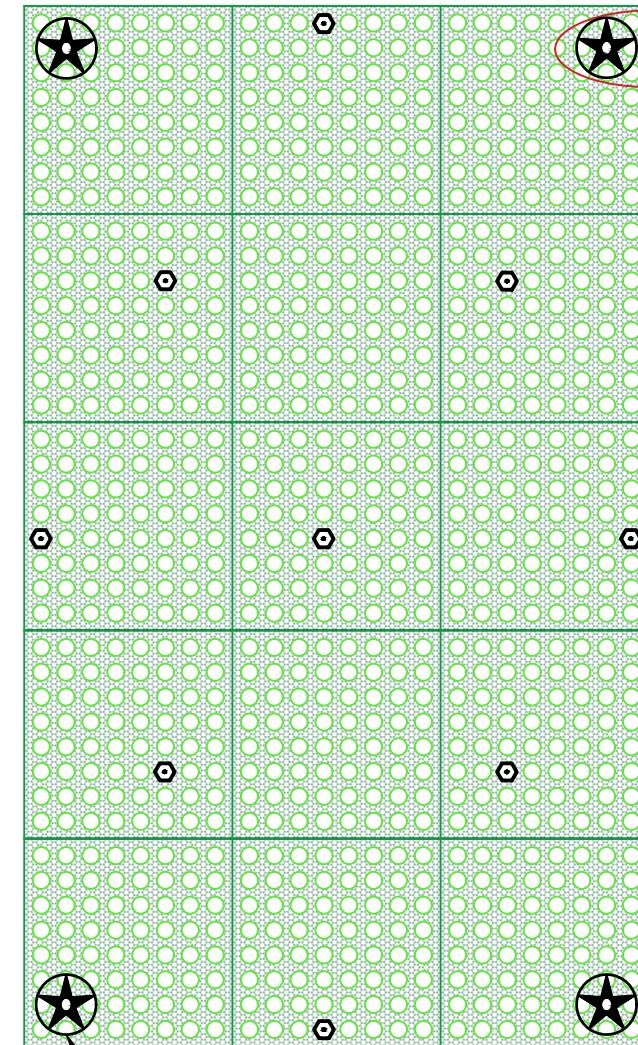


Twist Pin

G Pattern
13 pins/panel

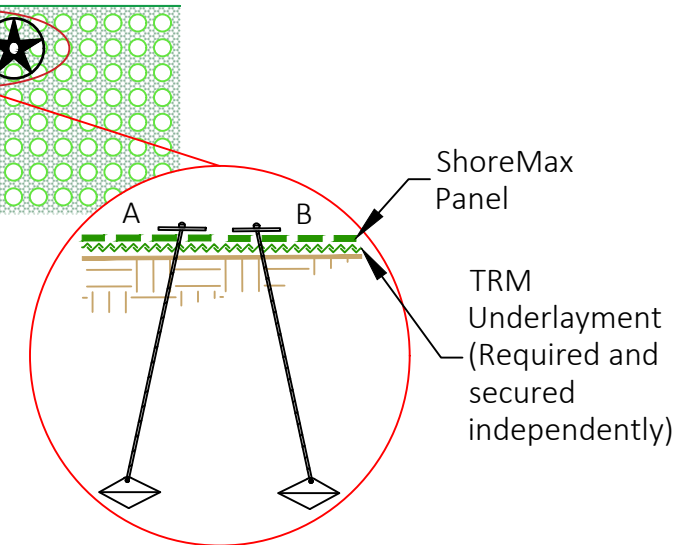


H Pattern
9 pins & 4 PDAs /panel



PDA (3 ft depth, min)

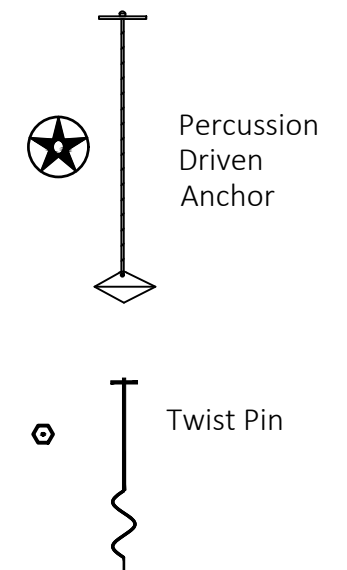
Panel A Panel B



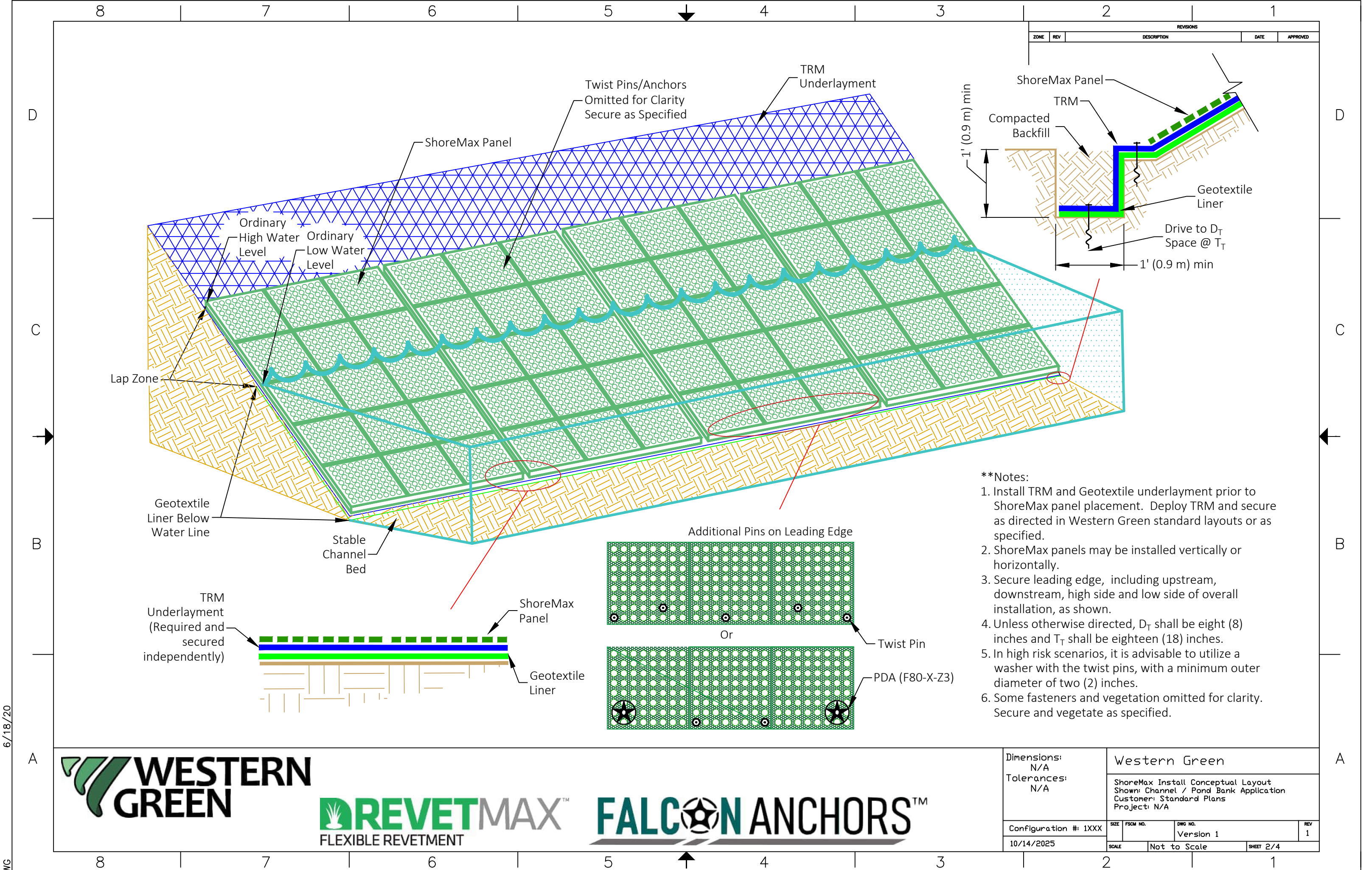
*Drive PDA Toward Center of Panel ~15 degrees

Recommended Securing Patterns			
Maximum Design Conditions			Anchor Pattern
Shear Stress (psf)	Velocity (ft/s)	Wave Height (in)	
≤ 6	≤ 12	6	F
> 6 - ≤ 8	> 12 - ≤ 16	12	G
> 8	> 16	18	H

*Pattern specific to Falcon Twist Pins, HC-12 or HS-12 may be used. Minimum 60# pullout resistance in-situ is required. For PDAs, F80-X-Z3 shall be used.



Dimensions: N/A		Western Green	
Tolerances: N/A		ShoreMax Install Conceptual Layout Shown: Anchor Patterns Customer: Standard Plans Project: N/A	
Configuration #: 1XXX	SIZE	FSM NO.	DWG NO.
10/14/2025	SCALE	Not to Scale	Version 1
			REV 1
			SHEET 1/4



- **Notes:**
- 1. Install TRM and Geotextile underlayment prior to ShoreMax panel placement. Deploy TRM and secure as directed in Western Green standard layouts or as specified.
 - 2. ShoreMax panels may be installed vertically or horizontally.
 - 3. Secure leading edge, including upstream, downstream, high side and low side of overall installation, as shown.
 - 4. Unless otherwise directed, D_T shall be eight (8) inches and T_T shall be eighteen (18) inches.
 - 5. In high risk scenarios, it is advisable to utilize a washer with the twist pins, with a minimum outer diameter of two (2) inches.
 - 6. Some fasteners and vegetation omitted for clarity. Secure and vegetate as specified.

6/18/20

WG



Dimensions: N/A		Western Green		
Tolerances: N/A		ShoreMax Install Conceptual Layout Shown: Channel / Pond Bank Application Customer: Standard Plans Project: N/A		
Configuration #: 1XXX		SIZE	FSM NO.	DWG NO.
10/14/2025		SCALE	Not to Scale	Version 1
		SHEET 2/4		REV 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- **Notes:
1. ShoreMax panels may be installed vertically or horizontally.
 2. Secure leading edge, including upstream, downstream, high side and low side of overall installation, as shown.
 3. In high risk scenarios, it is advisable to utilize a washer with the twist pins, with a minimum outer diameter of two (2) inches.
 4. Some fasteners and vegetation omitted for clarity. Secure and vegetate as specified.

Recommended Securing Patterns			
Maximum Design Conditions			Anchor Pattern
Shear Stress (psf)	Velocity (ft/s)	Wave Height (in)	
≤ 6	≤ 12	6	F
> 6 - ≤ 8	> 12 - < 16	12	G
> 8	> 16	18	H

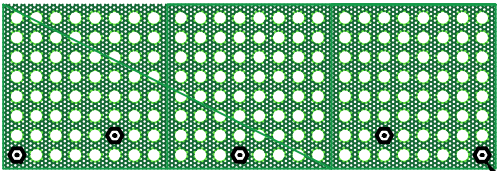
*Pattern specific to Falcon Twist Pins, HC-12 or HS-12 may be used. Minimum 60# pullout resistance in-situ is required. For PDAs, F80-X-Z3 shall be used.

TRM Underlayment

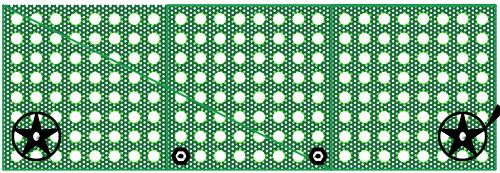
ShoreMax Panel

Twist Pins/Anchors Omitted for Clarity Secure as Specified

Additional Pins on Leading Edge



Or



Twist Pin

PDA (F80-X-Z3)



Dimensions:
N/A
Tolerances:
N/A

Western Green

ShoreMax Install Conceptual Layout
Shown: Channel Bottom Application
Customer: Standard Plans
Project: N/A

Configuration #: 1XXX

SIZE

FSCM NO.

DWG NO.

Version 1

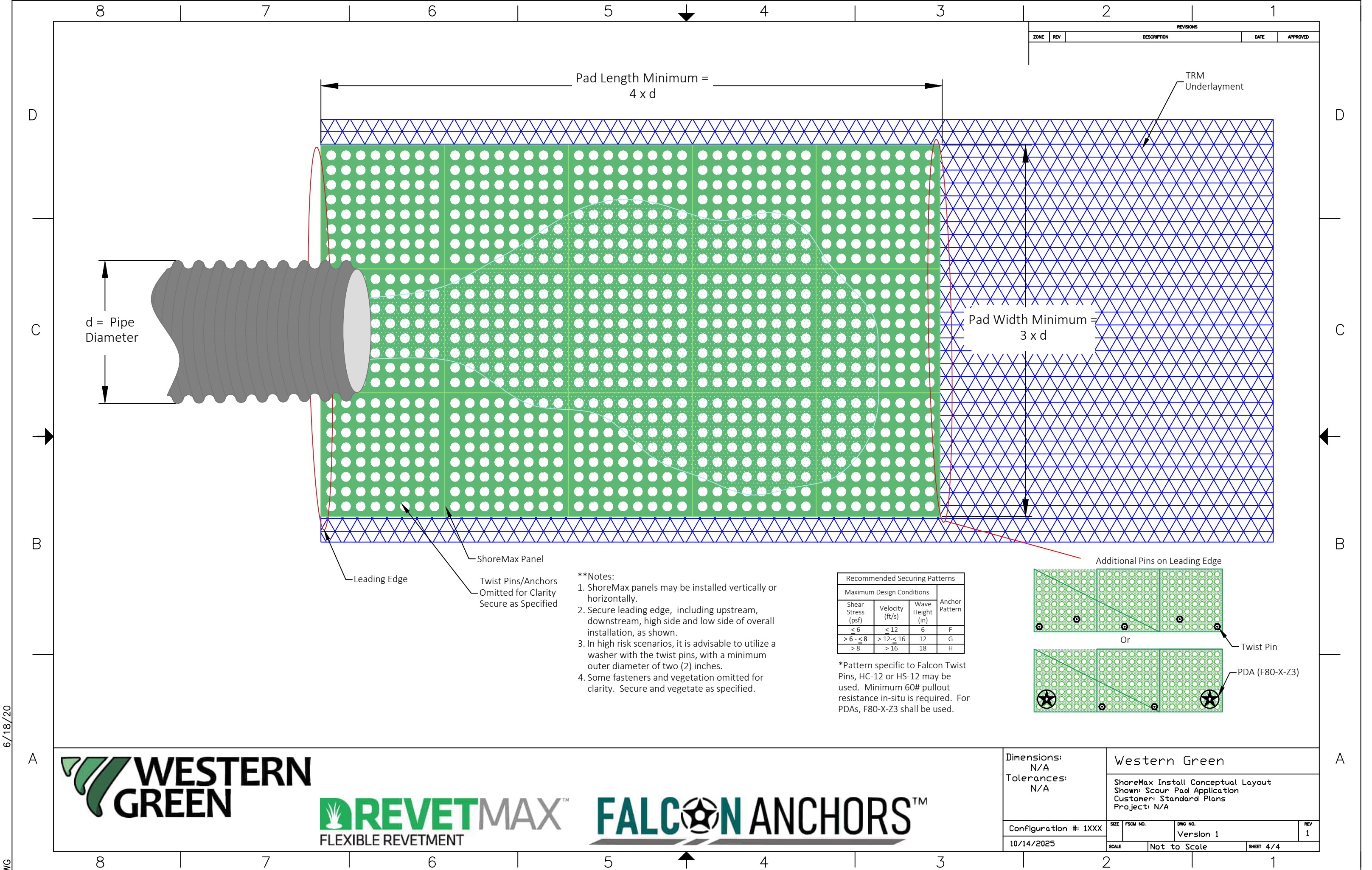
REV 1

10/14/2025

SCALE

Not to Scale

SHEET 3/4

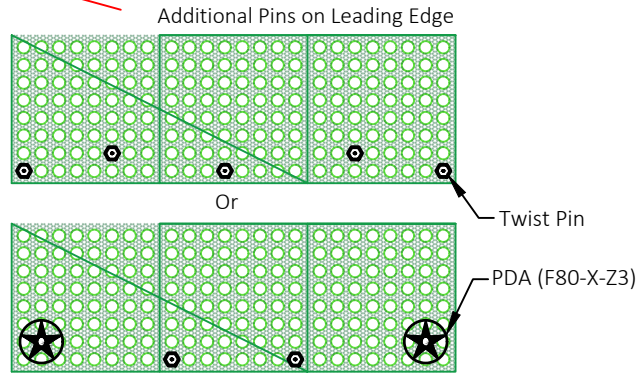


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- **Notes:**
1. ShoreMax panels may be installed vertically or horizontally.
 2. Secure leading edge, including upstream, downstream, high side and low side of overall installation, as shown.
 3. In high risk scenarios, it is advisable to utilize a washer with the twist pins, with a minimum outer diameter of two (2) inches.
 4. Some fasteners and vegetation omitted for clarity. Secure and vegetate as specified.

Recommended Securing Patterns			
Maximum Design Conditions			
Shear Stress (psf)	Velocity (ft/s)	Wave Height (in)	Anchor Pattern
< 6	< 12	6	F
> 6 - < 8	> 12 - < 16	12	G
> 8	> 16	18	H

*Pattern specific to Falcon Twist Pins, HC-12 or HS-12 may be used. Minimum 60# pullout resistance in-situ is required. For PDAs, F80-X-Z3 shall be used.



Dimensions:
N/A
Tolerances:
N/A

Western Green

ShoreMax Install Conceptual Layout
Shown: Scour Pad Application
Customer: Standard Plans
Project: N/A

Configuration #: 1XXX	SIZE	FSCM NO.	DWG NO.	REV
10/14/2025	SCALE	Not to Scale	Version 1	1