

Professional Best Practices for Permit Drawings

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CHESAPEAKE BAY Landscape Professional Living Shoreline Collaborative James River

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Elements

What are the regulators looking for?

- Tidal info (mlw, mhw, and direction)
- Name of body of water
- Length of fetch
- Property boundaries
- Length of sill (if needed)
- Area of sandfill
- Distance to a landmark (benchmark)
- North arrow
- Scale bar

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How to create?

Accepted drawings

Can be software such as AutoCAD or ArcGIS

No computer needed, can be hand drawn!

What are the permitters looking for?



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Jurisdictional Boundaries

Wetlands Boards, VMRC, and the US Army Corps of Engineers

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Example concept

JRA homeowner living shoreline

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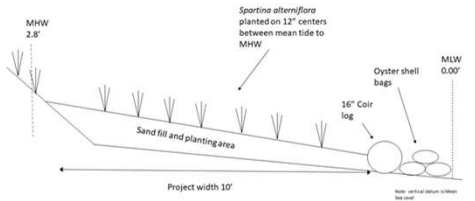
Aerial photo

Adds context to project location

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Cross-section

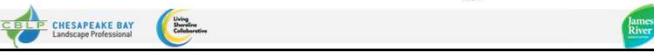
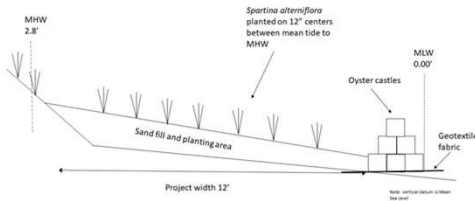
Cross-section: A-A'
Note: not to scale



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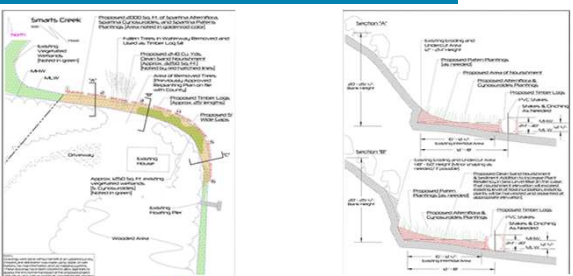
Cross-section cont'd

Cross-section: B-B'
Note: not to scale

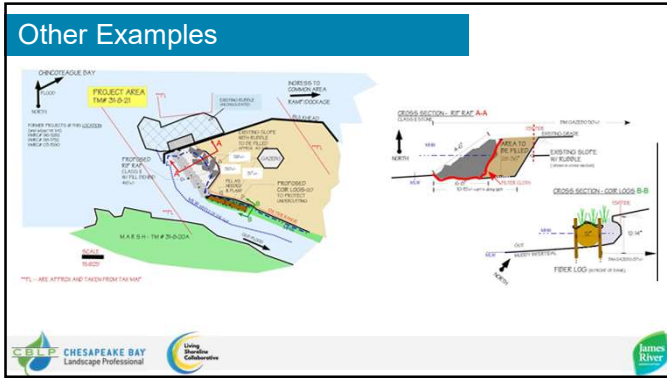


8

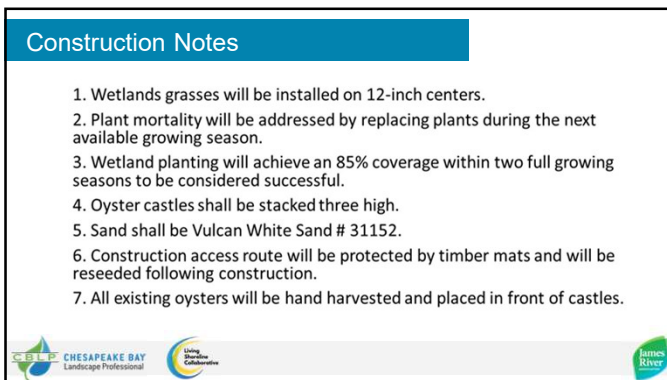
Other Examples



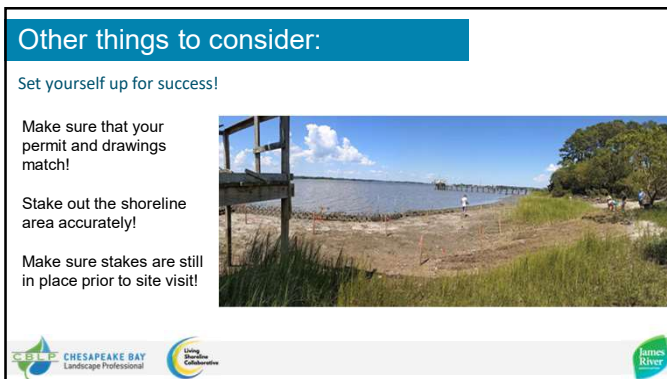
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Questions?

Do you use computer software to produce drawings?

If so, which software do you use and would you recommend it?