

Levee Certification Steps

Phase 1

- Review Diking District Archives
- Review USACE Portland District Archives
- Look for available subsurface information
- Determine if engineering studies have been performed
- Determine what needs to be done in Phase 2

Levee Certification Steps

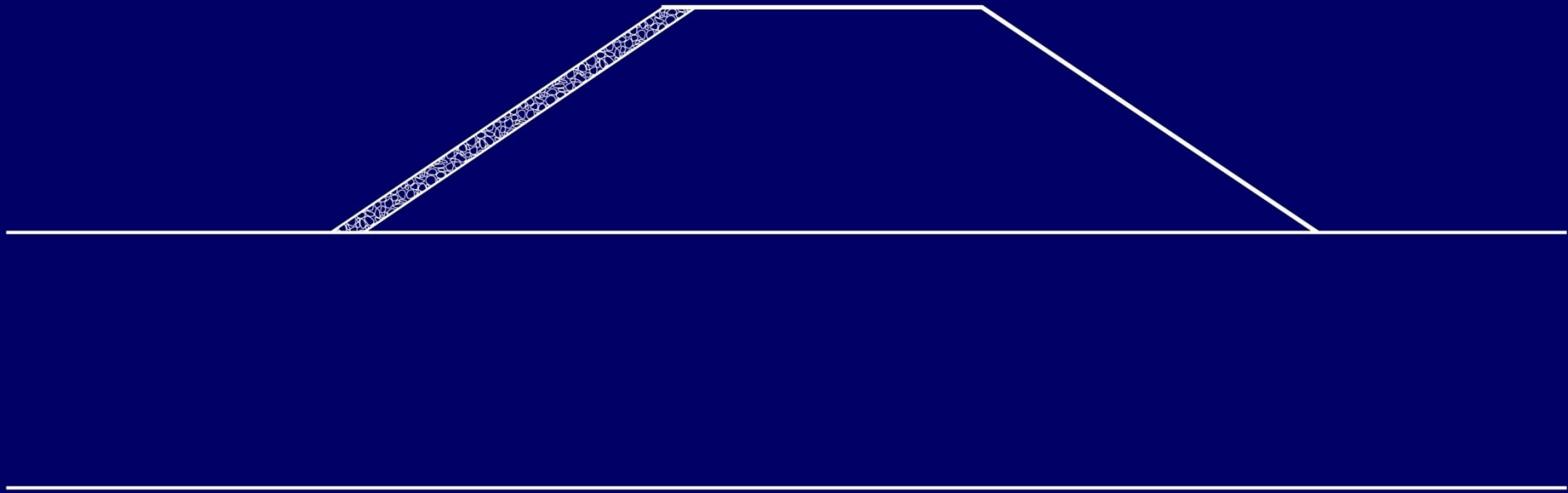
Phase 2

- Subsurface Investigations
- Lab Testing for engineering parameters
- Engineering studies (Stability, Seepage, Scour)
- Interior drainage modeling
- As-Built Maps
- Operation & Maintenance Manuals

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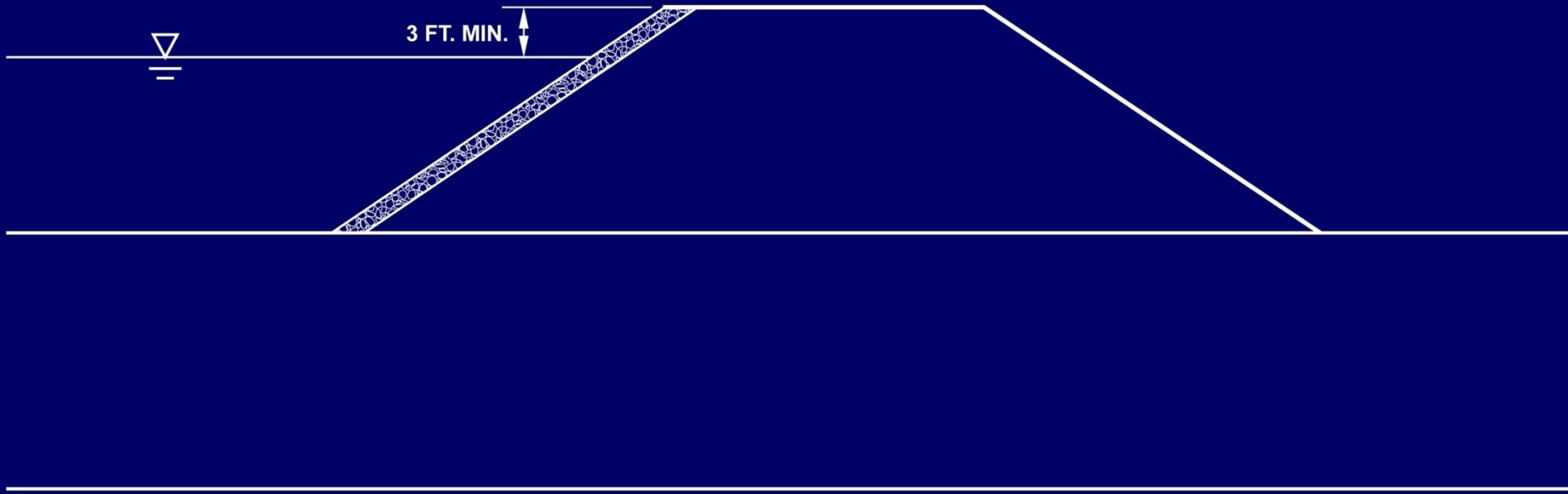
RIVER SIDE

LAND SIDE



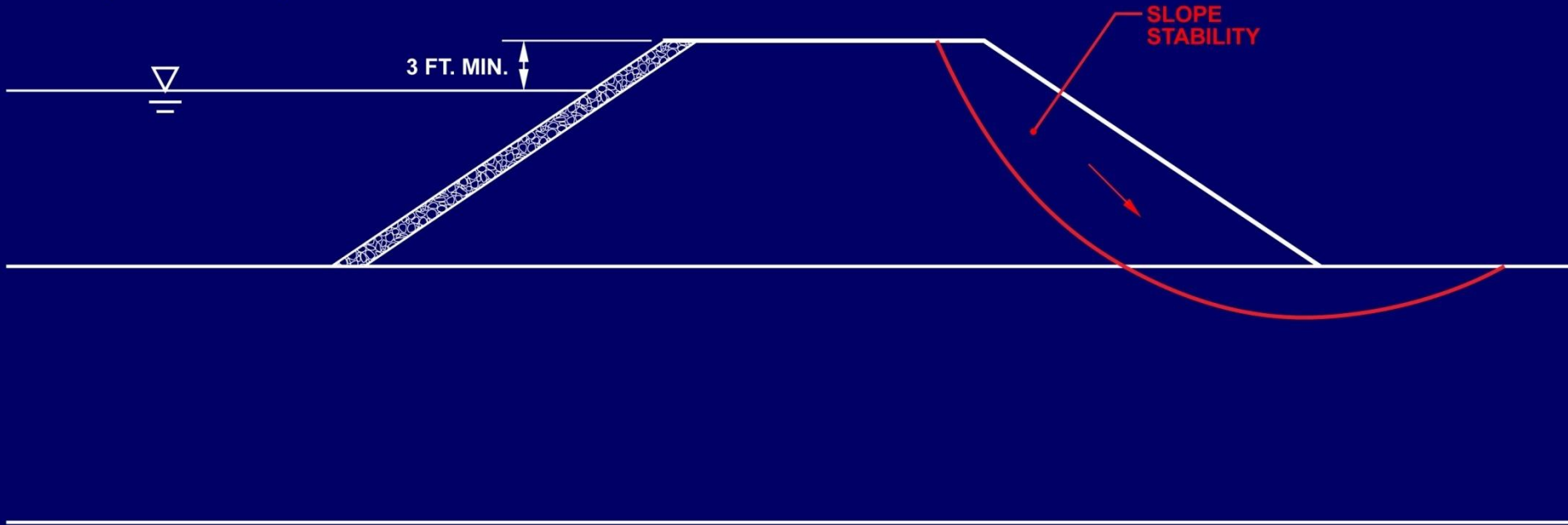
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HYDRAULIC ANALYSES
(FLOOD LEVELS)



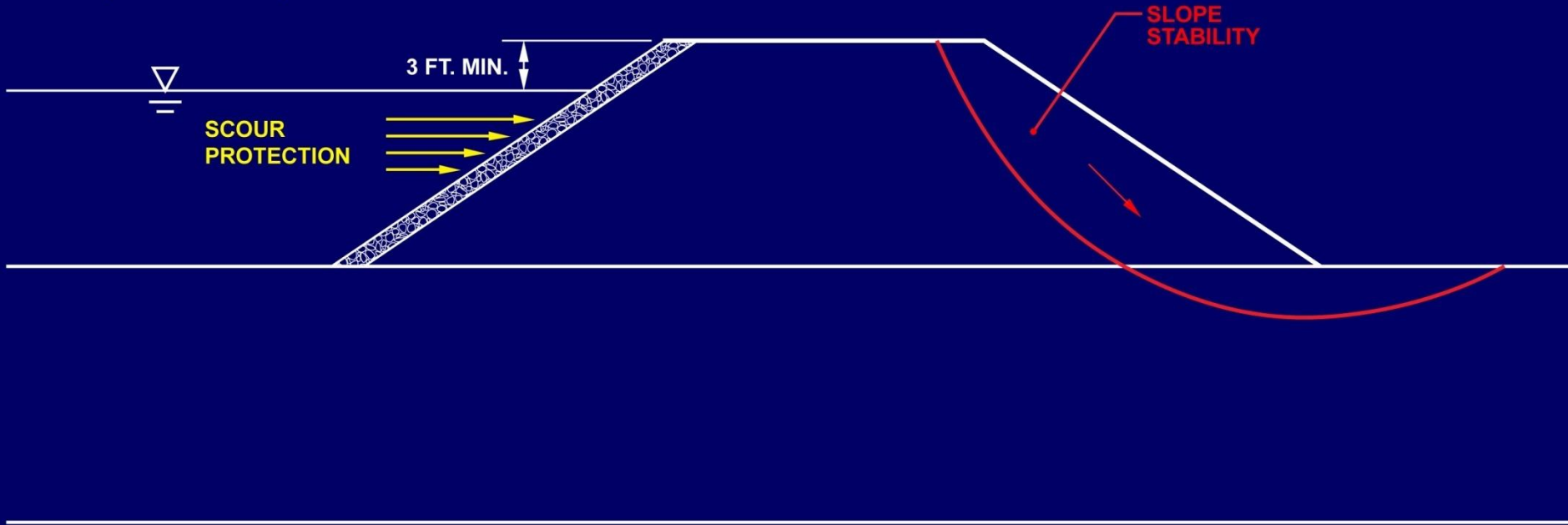
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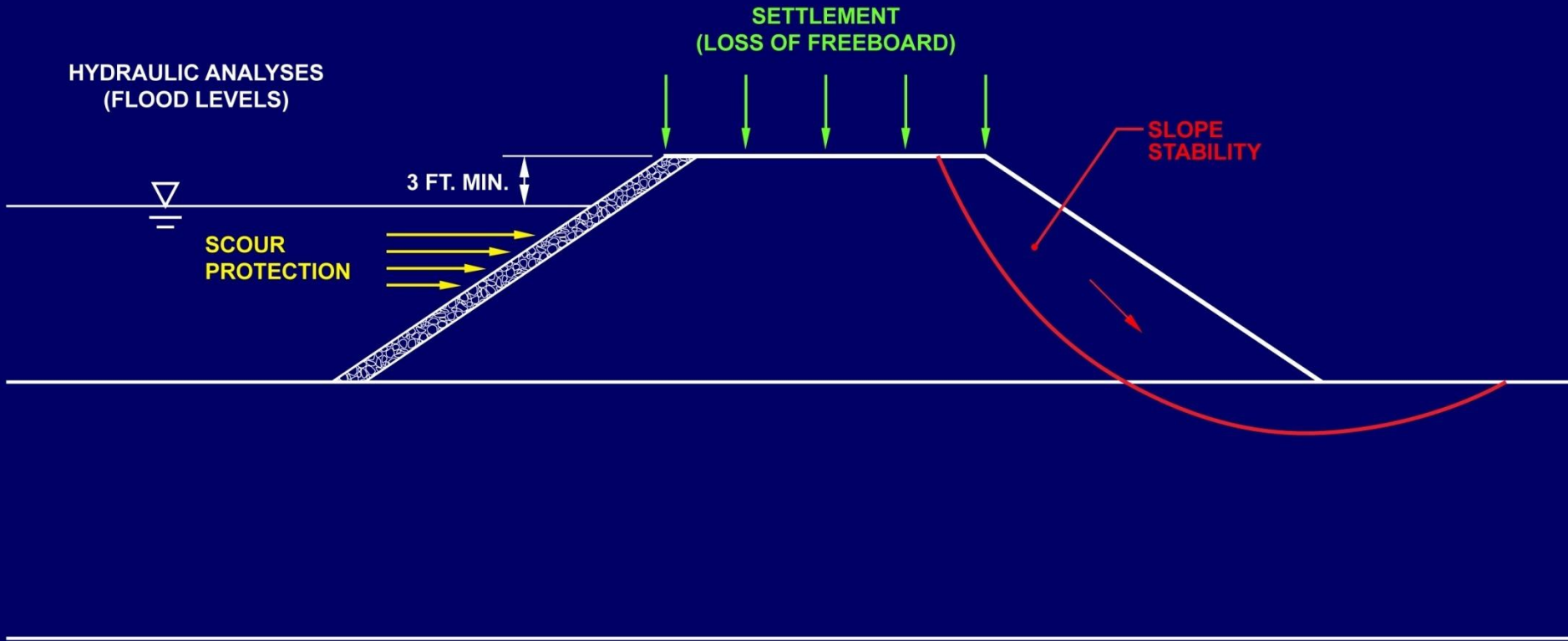


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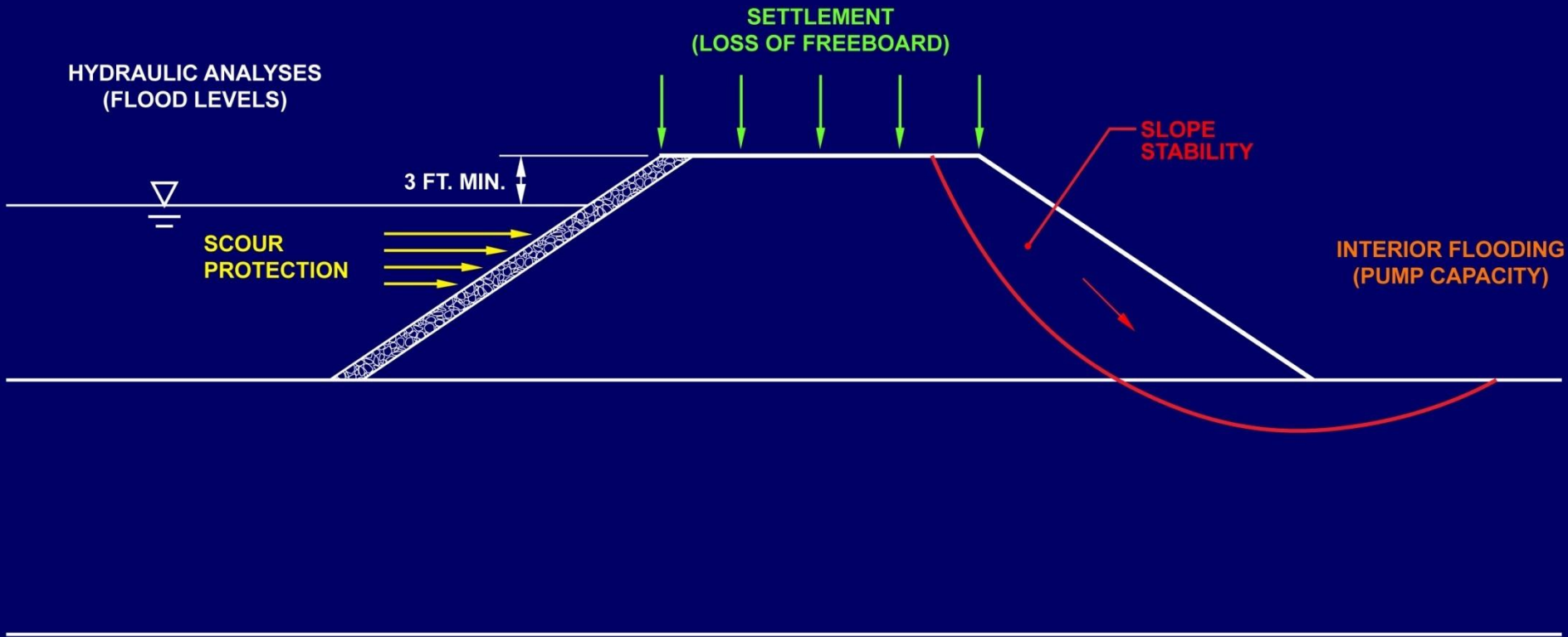
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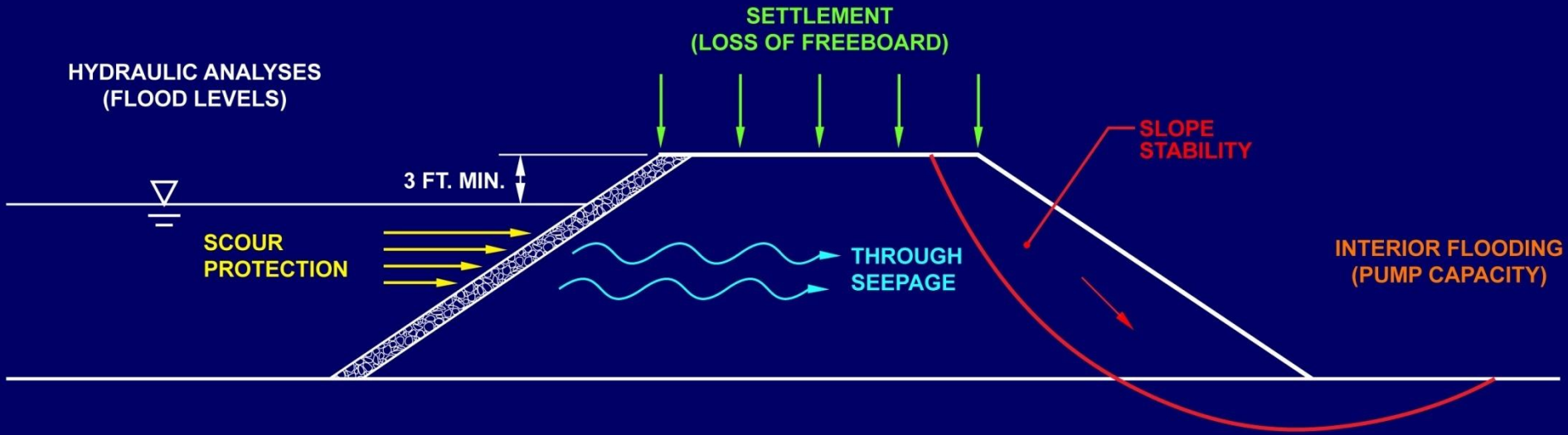
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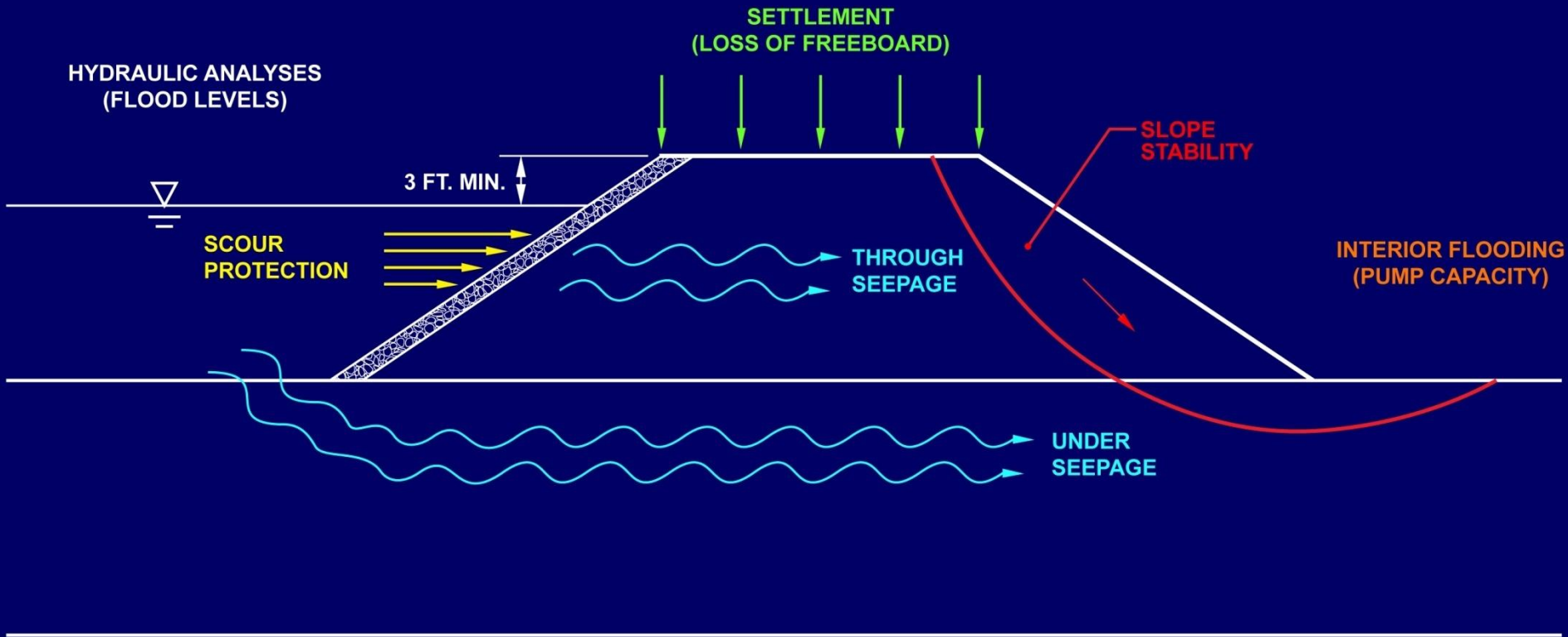
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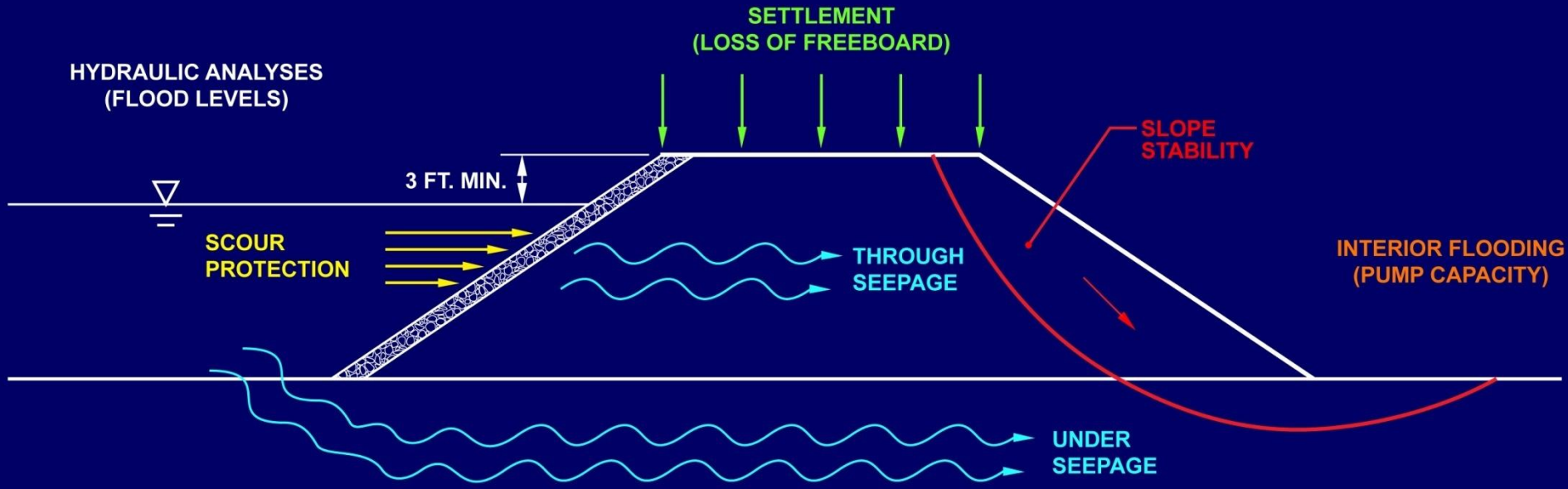
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ALSO

- CHECK CLOSURE STRUCTURE DESIGNS
- OPERATION AND MAINTENANCE MANUALS
- ENCROACHMENTS