

Proposed Bulkhead  
Rockport, Aransas County, Texas

John L. Nau  
1 Finisterre St.  
Rockport, TX 78382



PREPARED BY:

BELAIRE ENVIRONMENTAL, INC.  
P.O. Box 741 Rockport, TX 78382



**Proposed Bulkhead-Plan View**  
**John Nau**  
**Rockport, Aransas County, Texas**



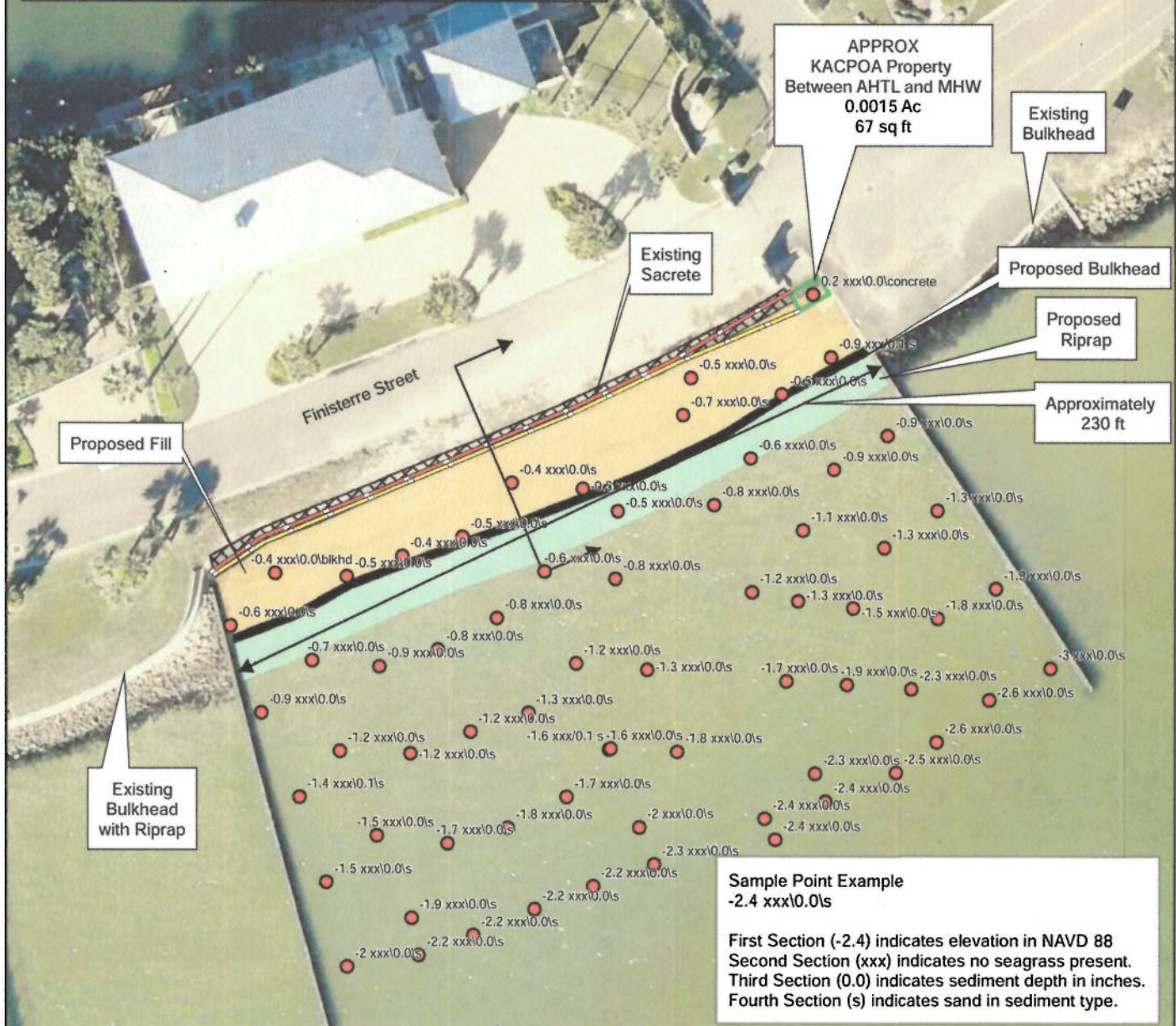
**Notes:**

- Sounds estimated per May 20, 2016 BEI field survey in Ft NAVD 88.
- Background source: low-altitude aerial photograph obtained from Pictometry International, Inc., Photo Dated December 14, 2015.
- Annual High Tide Line (AHTL) is approximately +2.6 ft NAVD 88.
- Mean High Water (MHW) is approximately +1.00 ft NAVD 88.
- Placement of bulkhead and riprap are to match the neighboring property (2 Finisterre).
- For planning and permitting only, not for construction.
- Prepared by Belaire Environmental, Inc., September 21, 2016 (RAB).



**Legend**

- Field Data Points
- ↔ Section Line
- AHTL (+2.6 ft NAVD 88)
- MHW (+1.00 ft NAVD 88)
- KACPOA Property
- Proposed Bulkhead
- Proposed Riprap
- ▨ Sacrete Bulkhead
- Proposed Fill



APPROX  
 KACPOA Property  
 Between AHTL and MHW  
 0.0015 Ac  
 67 sq ft

Existing Sacrete

Existing Bulkhead

Proposed Bulkhead

Proposed Riprap

Approximately 230 ft

Proposed Fill

Existing Bulkhead with Riprap

**Sample Point Example**  
 -2.4 xxx|0.0|s  
 First Section (-2.4) indicates elevation in NAVD 88  
 Second Section (xxx) indicates no seagrass present.  
 Third Section (0.0) indicates sediment depth in inches.  
 Fourth Section (s) indicates sand in sediment type.

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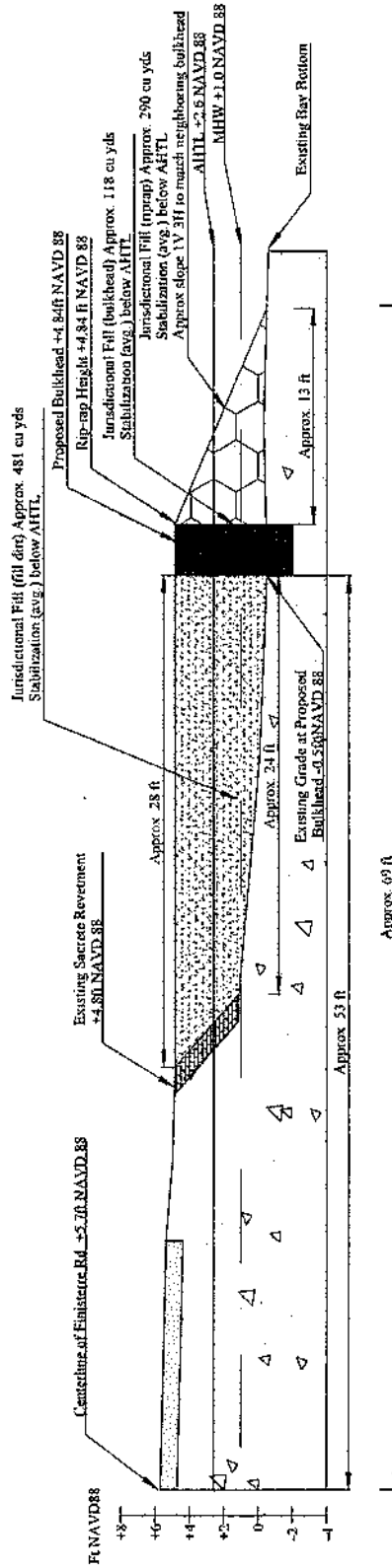
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Typical Section  
Proposed Bulkhead  
John Nau  
Key Allegro, Rockport, Texas



Summary of Fill Material	
Jurisdictional (Below AHTL)	Total Jurisdictional (Below AHTL)
Clean Fill Behind Bulkhead	481
Concrete Bulkhead	118
Riprap	290
Total	889
TOTAL: Approx. 1,513 cu. yds. of fill material	

- Notes
- Sounding estimates area in Ft NAVD 88 based on the Division of Nearshore Research, Conrad Blucher Institute Station No. 006, Ingleside
  - MHW is approximately +1.0ft NAVD 88
  - AHTL is approximately +2.6ft NAVD 88
  - Placement of bulkhead and riprap are to match the neighboring property (2 Finisterre)
  - For planning and permitting only, not for construction
  - Prepared by Belaire Environmental, Inc., September 21, 2016 (NAB)

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