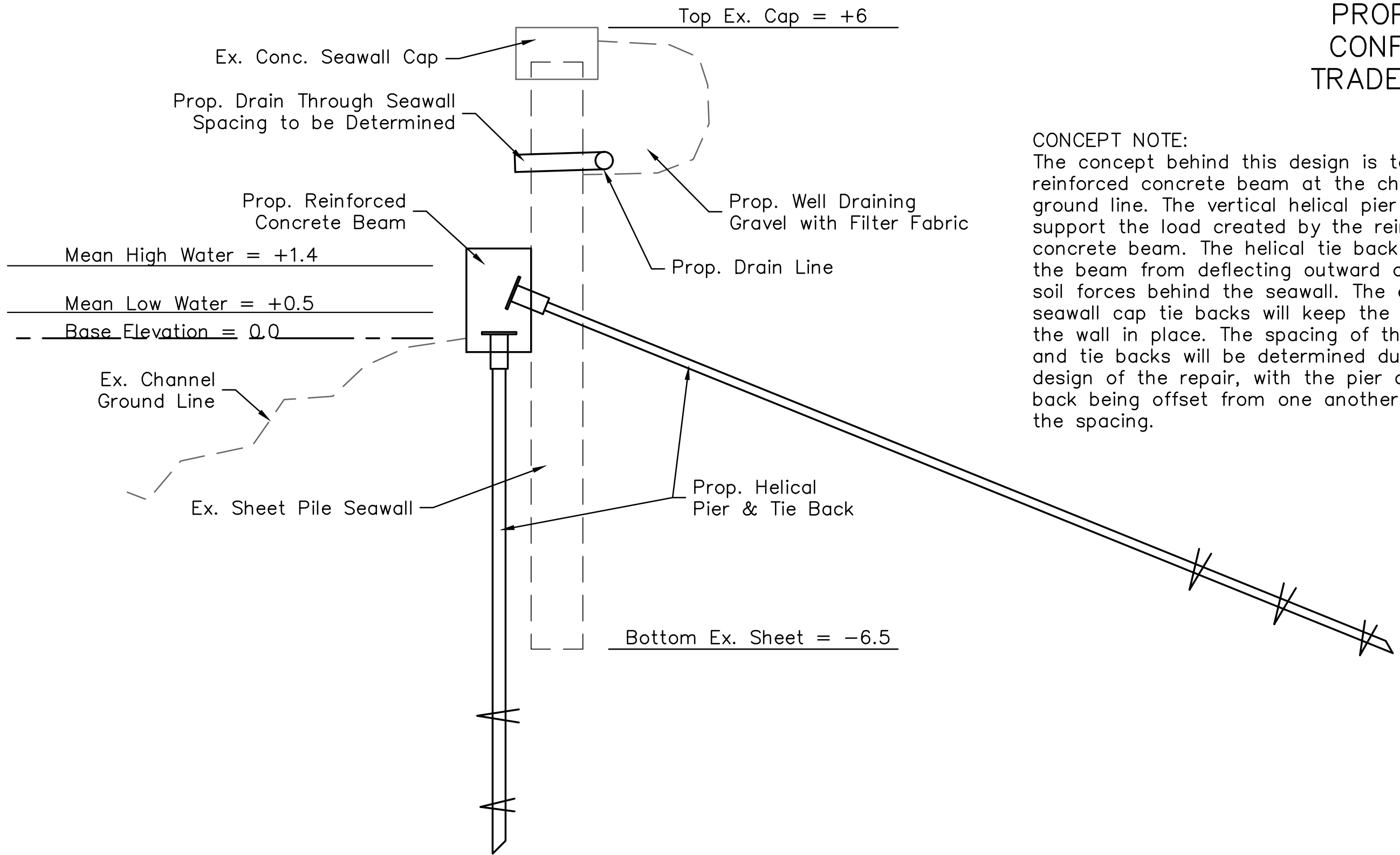


FOUO  
 PROPRIETARY  
 CONFIDENTIAL  
 TRADE SECRET



CONCEPT NOTE:  
 The concept behind this design is to add the reinforced concrete beam at the channel ground line. The vertical helical pier will support the load created by the reinforced concrete beam. The helical tie back will keep the beam from deflecting outward due to the soil forces behind the seawall. The existing seawall cap tie backs will keep the top of the wall in place. The spacing of the piers and tie backs will be determined during design of the repair, with the pier and tie back being offset from one another by half the spacing.

Prop. Seawall Repair  
 Scale: 1/2"=1'-0"

DO NOT SCALE DRAWINGS

PLANS CONFORM TO FLORIDA BUILDING CODE - 5TH EDITION (2014)

Project:  
 Preliminary Seawall Repair  
 Mira Bay Community  
 Apollo Beach, Florida

Issued for:  
 CDD Bd Meeting  
 4/20/17

SHEET TITLE  
 Details

PROJECT NO  
 --

SHEET NO  
 S2

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