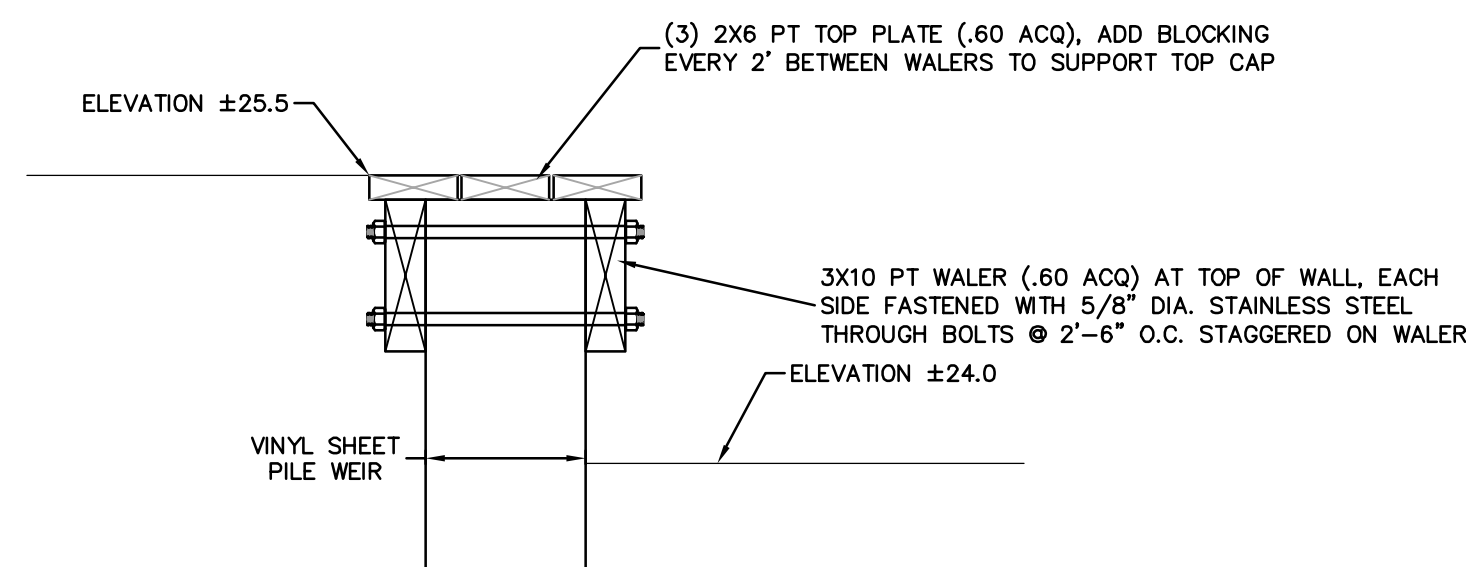


**SG-625**

Allowable Moment (M) = 6,507 ft-lbs/ft  
Section Modulus (Z) = 24.4 in<sup>3</sup>/ft  
Moment of Inertia (I) = 122 in<sup>4</sup>/ft  
Impact Strength = 15,000 in-lbs/in<sup>2</sup>

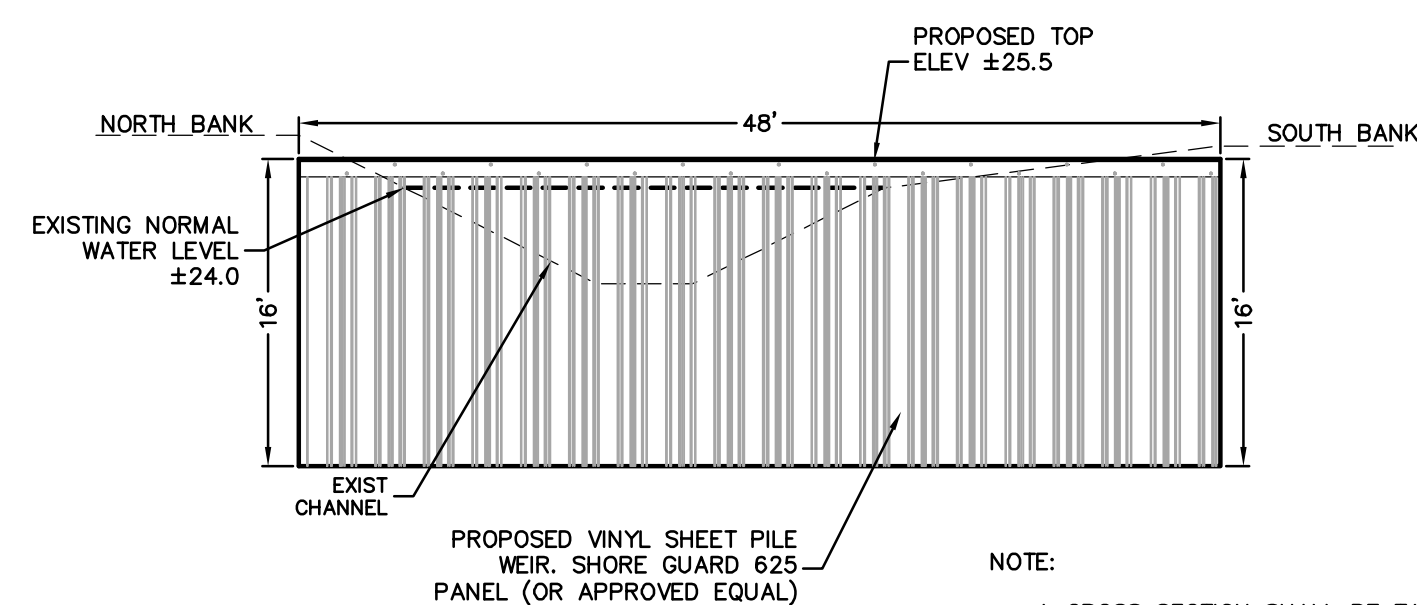
**SHORE GUARD 625 PANEL**

NTS



**TOP CAP SECTION**

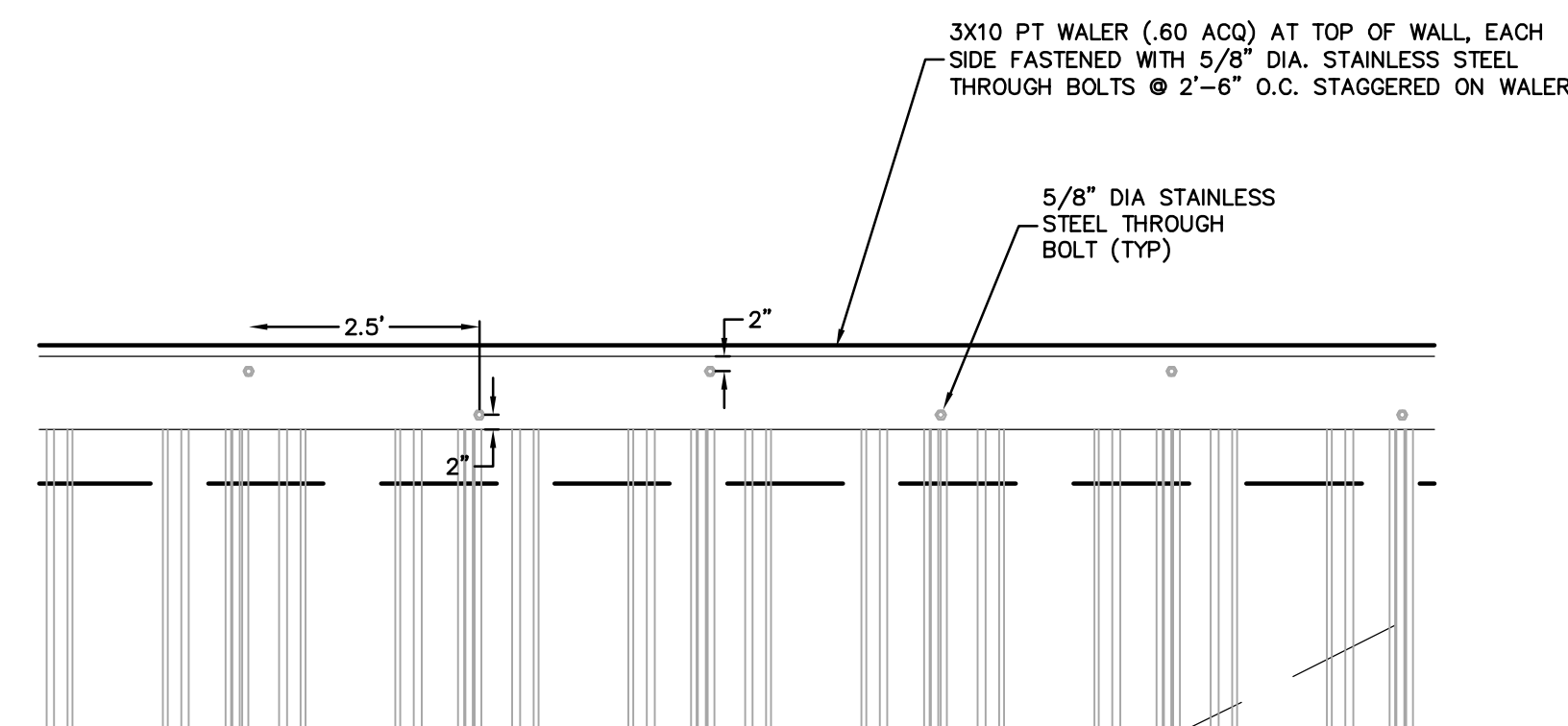
NTS



**SECTION A-A**

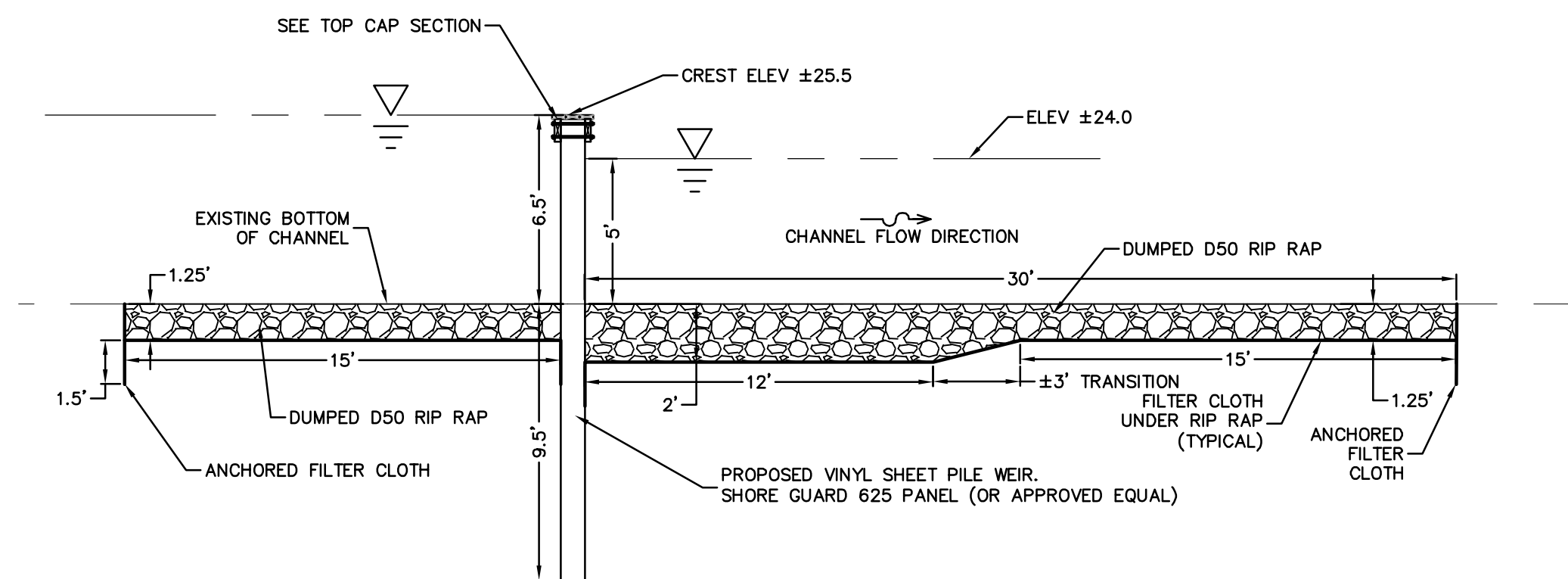
1"=10'

- GENERAL NOTES:**
1. A BOUNDARY SURVEY WAS NOT PERFORMED.
  2. UTILITY INFORMATION WAS NOT OBTAINED. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
  3. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO COMMENCING WORK.
  4. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH "BREVARD COUNTY" AND STANDARD SPECIFICATIONS AND REQUIREMENTS SURWM.
  5. EROSION CONTROL SHALL BE IN ACCORDANCE WITH BREVARD COUNTY AND SURWM REQUIREMENTS. SILT FENCE AND FLOATING TURBIDITY BARRIER SHALL BE IN ACCORDANCE WITH FDOT INDEXES 102 & 103.
  6. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS PRIOR TO CONSTRUCTION.
  7. ALL DISTURBED AREAS SHALL BE SODDED.
  8. ACCESS TO SITE WILL BE COORDINATED WITH OWNER.
  9. CONTRACTOR CLEAN-UP WILL INCLUDE RESTORATION OF ALL DISTURBED AREAS.
  10. NOTE: A DETAILED FIELD SURVEY WAS NOT PERFORMED AS THE PRECISE WEIR LOCATION IS NOT KNOWN.



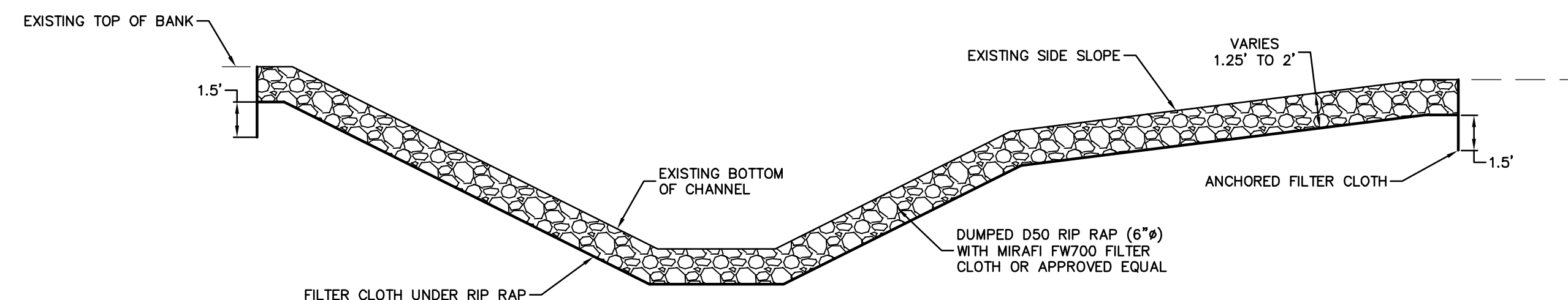
**PARTIAL SHEET PILE CAP DETAIL**

1"=2'



**SECTION B-B**

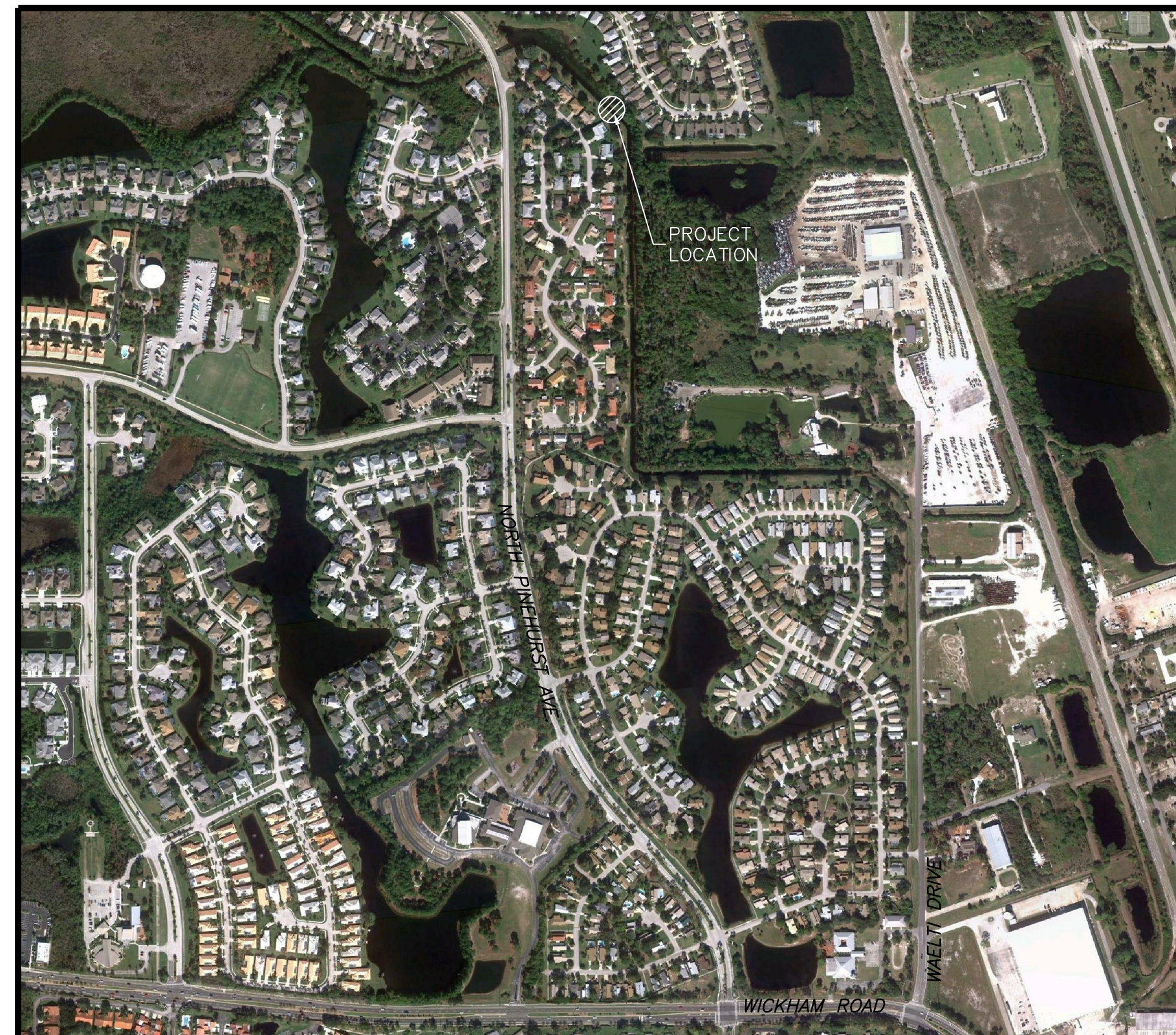
1"=5'



- NOTES:**
1. FILTER CLOTH SIZE TO CONSIDER THE TUCK AT THE TOP AND BOTTOM, AND EACH SEGMENT IS TO OVERLAP A MINIMUM OF ONE (1) FOOT SIDE TO SIDE.
  2. RIP-RAP TO BE DUMPED.
  3. FILTER CLOTH=MIRAFI FW700 OR APPROVED EQUAL

**FILTER CLOTH DETAIL**

N.T.S.



**LOCATION MAP**

NTS

**SUNTREE OUTFALL**



**B.S.E. CONSULTANTS, INC.**  
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312 SOUTH HARBOR CITY BOULEVARD, SUITE 4  
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CERTIFICATE OF PROFESSIONAL ENGINEERS BUSINESS AUTHORIZATION: 4905  
CERTIFICATE OF LAND SURVEYING BUSINESS AUTHORIZATION: LB0004905



**WEIR ADDITION - ALTERNATE DESIGN**

DRAWING NO.  
11186\_200\_003  
SHEET  
1 of 1  
PROJECT NO.  
11186

REVISIONS	DATE	BY	CHKD
1	01/15/13	SMG	DEH
2	01/15/13	SMG	DEH
3	01/15/13	SMG	DEH
4	01/15/13	SMG	DEH
5	01/15/13	SMG	DEH
6	01/15/13	SMG	DEH
7	01/15/13	SMG	DEH
8	01/15/13	SMG	DEH
9	01/15/13	SMG	DEH
10	01/15/13	SMG	DEH