



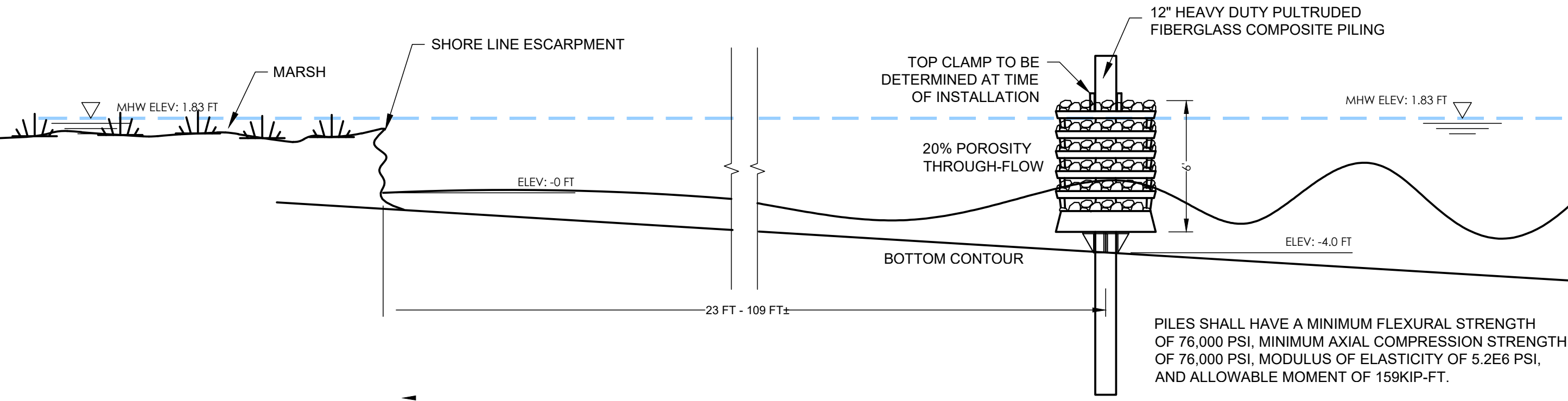
ATLANTIC REEFMAKER
718 LIVE OAK DRIVE
SUNSET BEACH, NC 28468
(919) 632-7509

SHOP DRAWING

SEAL		
DES RAB	DRW MEC	CHK RAB

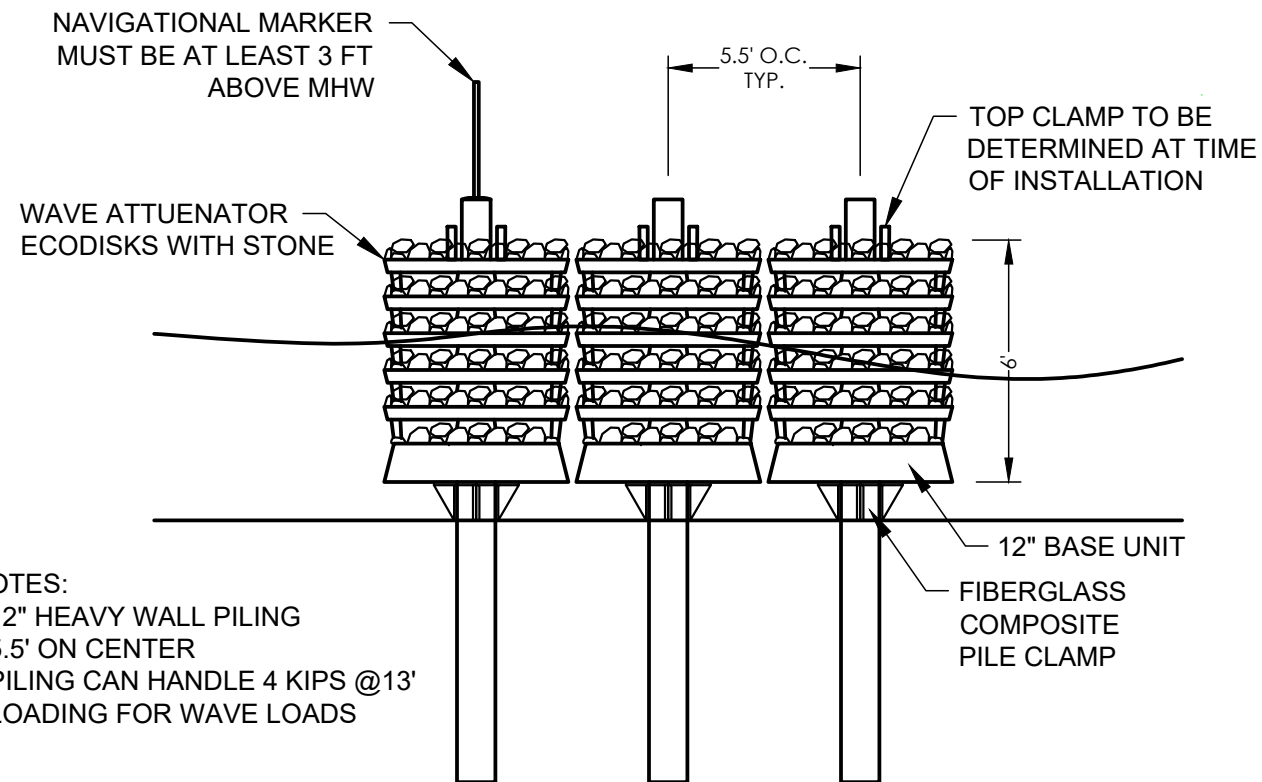
WAVE ATTENUATOR TYPICAL

CROSS SECTIONAL VIEW



PILES SHALL HAVE A MINIMUM FLEXURAL STRENGTH OF 76,000 PSI, MINIMUM AXIAL COMPRESSION STRENGTH OF 76,000 PSI, MODULUS OF ELASTICITY OF 5.2E6 PSI, AND ALLOWABLE MOMENT OF 159KIP-FT.

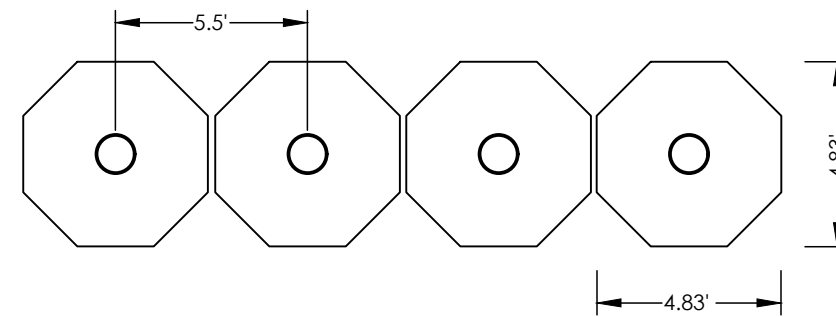
FRONT ELEVATION VIEW



- NOTES:
- 12" HEAVY WALL PILING
 - 5.5' ON CENTER
 - PILING CAN HANDLE 4 KIPS @13'
 - LOADING FOR WAVE LOADS

PILE LENGTHS AND EMBEDMENT DEPTHS WILL BE DETERMINED BY THE ENGINEER BASED ON GEOTECHNICAL ASSESSMENT.

PLAN VIEW



DISK CONCRETE REQUIRES AN APPROVED NCDOT MARINE PRECAST CONCRETE MIX DESIGN WITH A MINIMUM OF 4,000PSI COMPRESSIVE STRENGTH IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS SECTION 1000.

TYPICAL WAVE ATTENUATOR

SCALE: 1" = 5'

ARM-001

SCALE 1" = 5'

DATE: 12/20/2020

PROJECT NO.

SHEET 1 OF 5