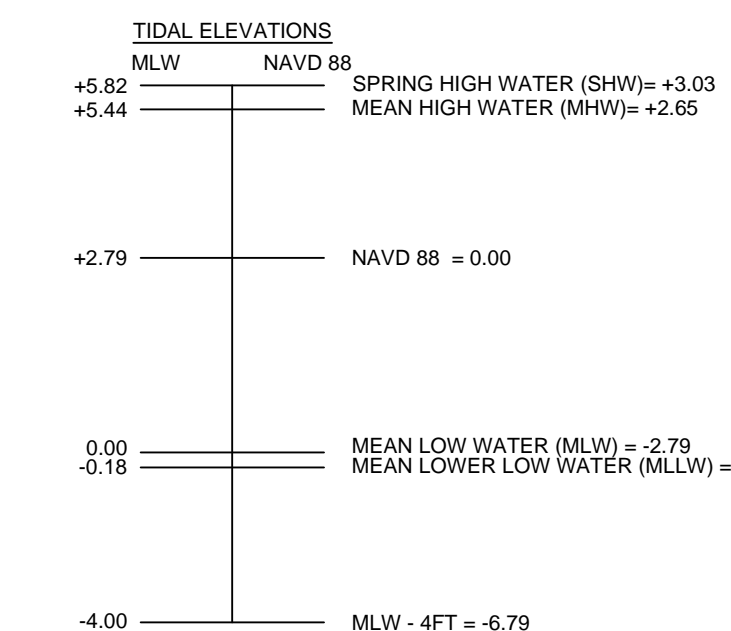


GENERAL NOTES

1. TWO TYPICAL SECTIONS (STONE FACED WALL AND CONCRETE FACED WALL) WERE CREATED TO ILLUSTRATE REPAIR CATEGORIES SHOWN IN PROPOSED PLANS. THE GENERAL SECTIONS ARE BASED ON TOPOGRAPHIC SURVEY BY AMT, SUBSURFACE INVESTIGATION BY GZA, AND REFERENCES MENTIONED IN GENERAL NOTES.

SURVEY AND PROJECT DATUM

1. ALL ELEVATIONS SHOWN ON PLANS ARE IN U.S. FEET AND REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. COORDINATES AND ELEVATIONS ARE REFERENCED TO THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD 83/CORS2011) ZONE 2900 EPOCH 2010.0.
3. CONTRACTOR SHALL MAINTAIN ADEQUATE SURVEY CONTROL AT ALL TIMES TO ESTABLISH AND MAINTAIN ALL LINES AND ELEVATIONS.

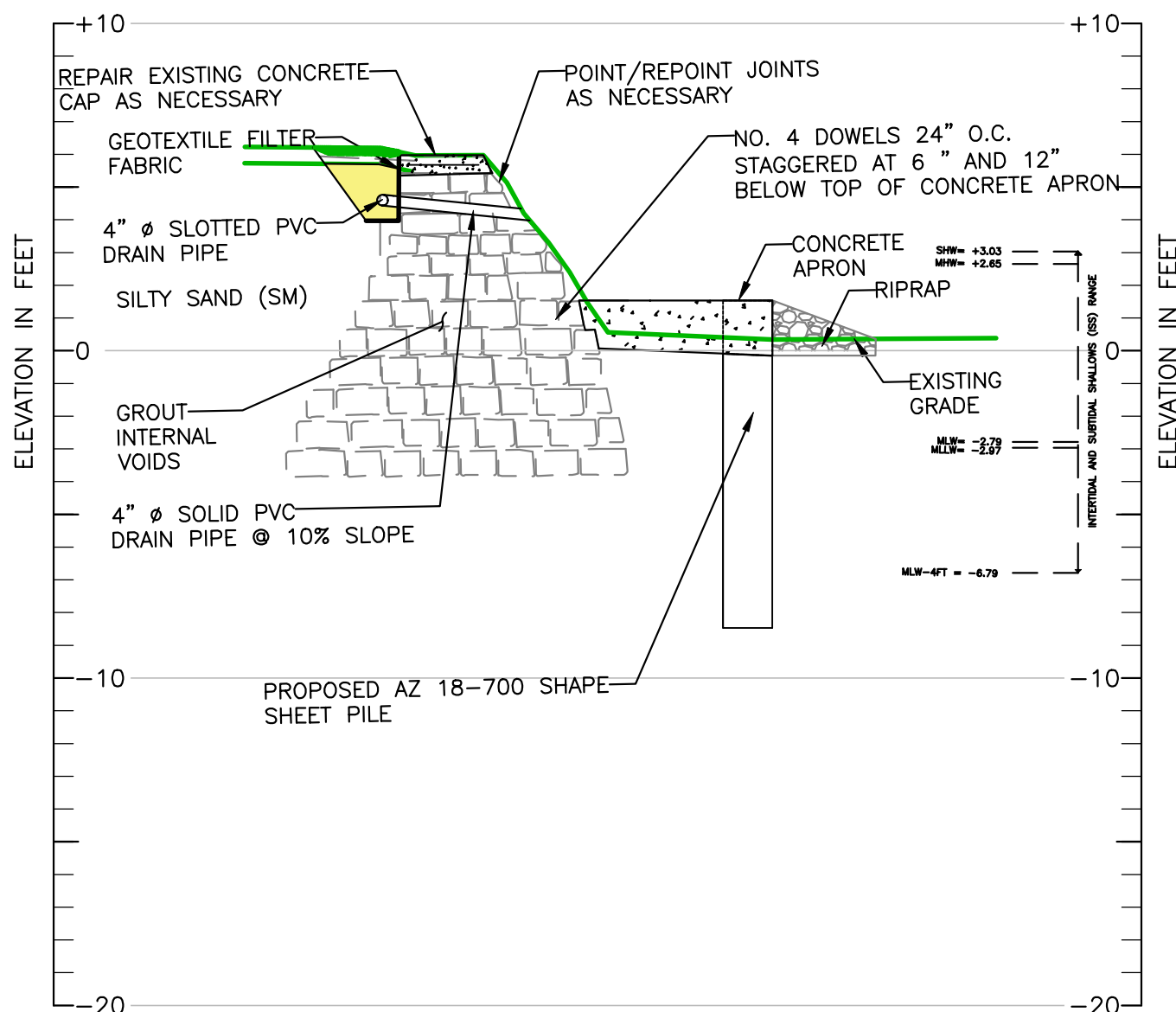


NOTE:

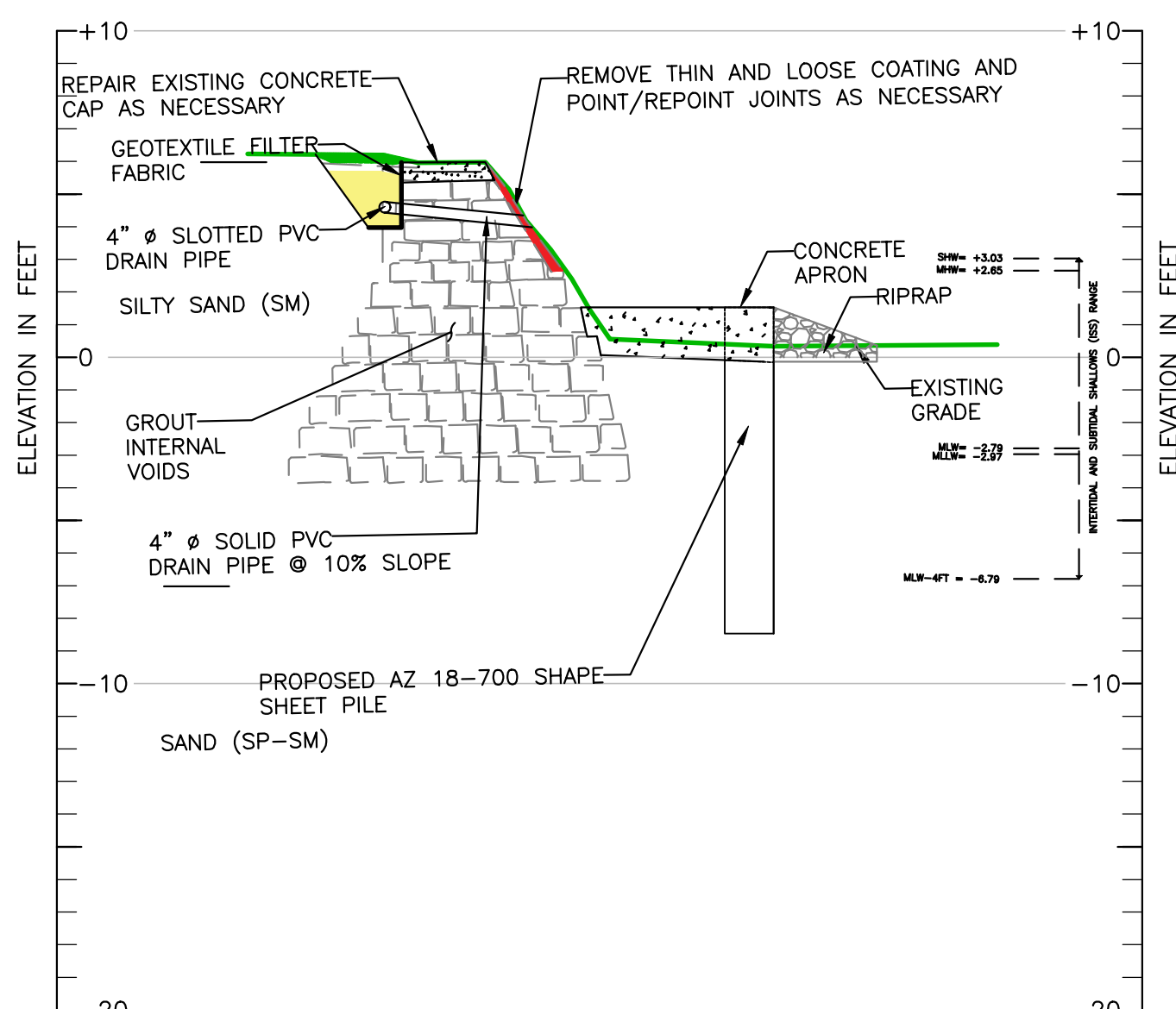
TIDAL ELEVATIONS ARE REFERENCED TO NOAA STATION 855792, DELAWARE CITY, DE.

CONSTRUCTION SEQUENCE - GENERAL

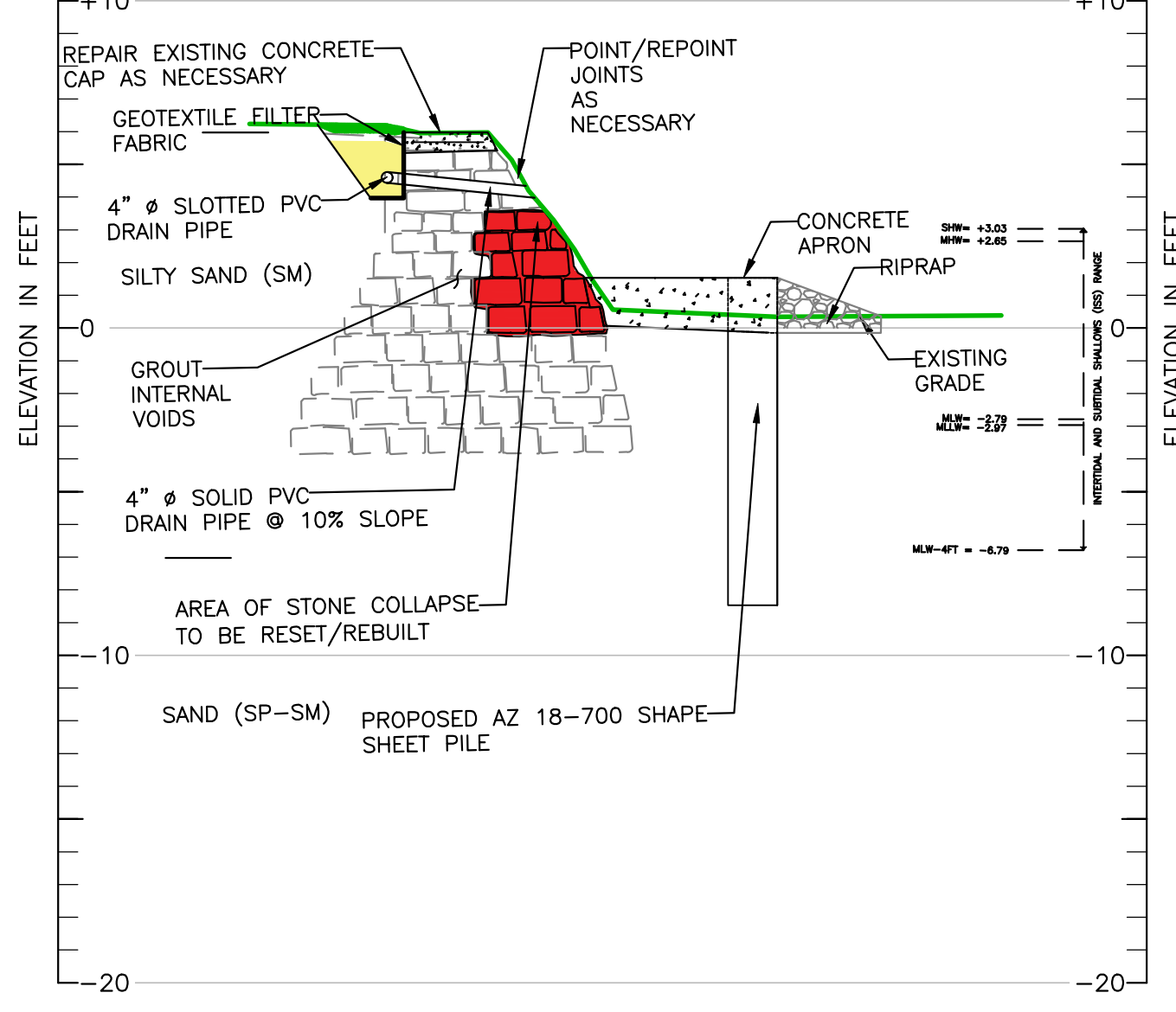
1. MOBILIZE ON SITE, AND INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES.
2. PREPARE AND INSTALL THE PROPOSED STEEL SHEET PILE WALL AT THE TOE OF THE SEAWALL. USE A PROPER VIBRATORY HAMMER FOR THE INSTALLATION OF SHEET PILE SECTIONS AND TAKE ALL THE REQUIRED PRECAUTIONARY MEASURES TO AVOID DAMAGING THE SEAWALL.
3. CLEANUP AND PREPARE SUBGRADE, INSTALL REINFORCEMENT, DOWELS AND SHEAR STUDS AND PLACE THE CONCRETE APRON IN THE SPACE BETWEEN THE TOP OF SHEET PILE WALL AND THE TOE OF THE WALL.
4. AT THE STONE MASONRY SEAWALL SECTIONS, IMPLEMENT REPAIRS OUTLINED AND ILLUSTRATED IN REPAIR CATEGORIES 1 TO 3.
5. AT THE CONCRETE ENCASED SEAWALL SECTIONS, IMPLEMENT REPAIRS OUTLINED AND ILLUSTRATED IN REPAIR CATEGORIES 4 TO 6.
6. PLACE THE NEW CONCRETE CAP WHEREVER MISSING.
7. DRILL GROUTING HOLES AT THE DESIGNATED LOCATIONS AND PERFORM PERMEATION GROUTING TO FILL VOIDS.
8. EXCAVATE BEHIND THE STONE MASONRY SECTIONS OF THE SEAWALL AND INSTALL FILTER FABRIC, SAND FILTER, DRAIN PIPES AND WEEP HOLES.
9. AT THE LOCATION OF OBSERVED SINKHOLES ALONG THE CONCRETE ENCASED SECTIONS, EXCAVATE BEHIND THE SEAWALL AND INSTALL FILTER FABRIC AND SAND FILTER.



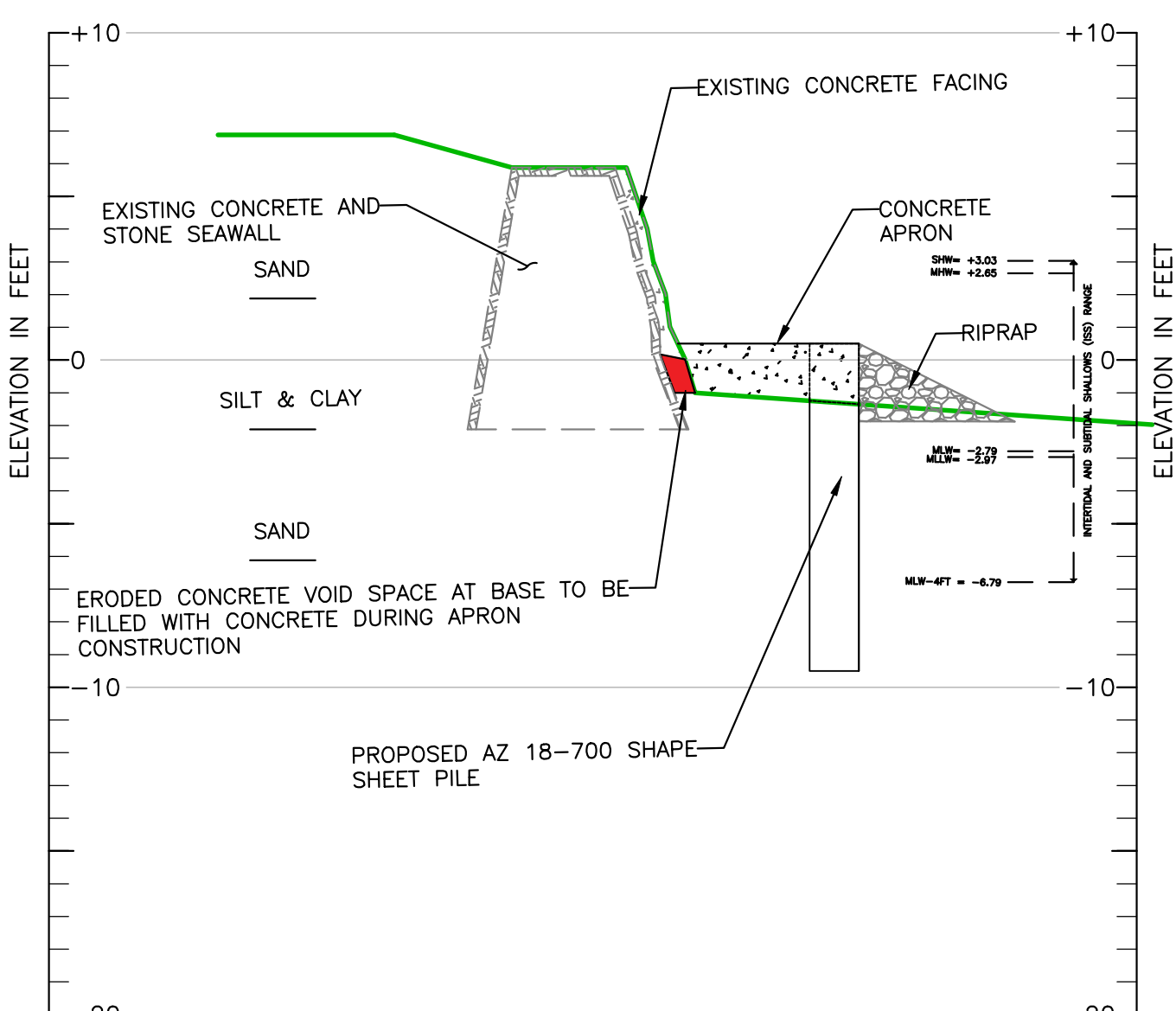
1 CATEGORY 1 REPAIR
SCALE: 1/4" = 1'-0"



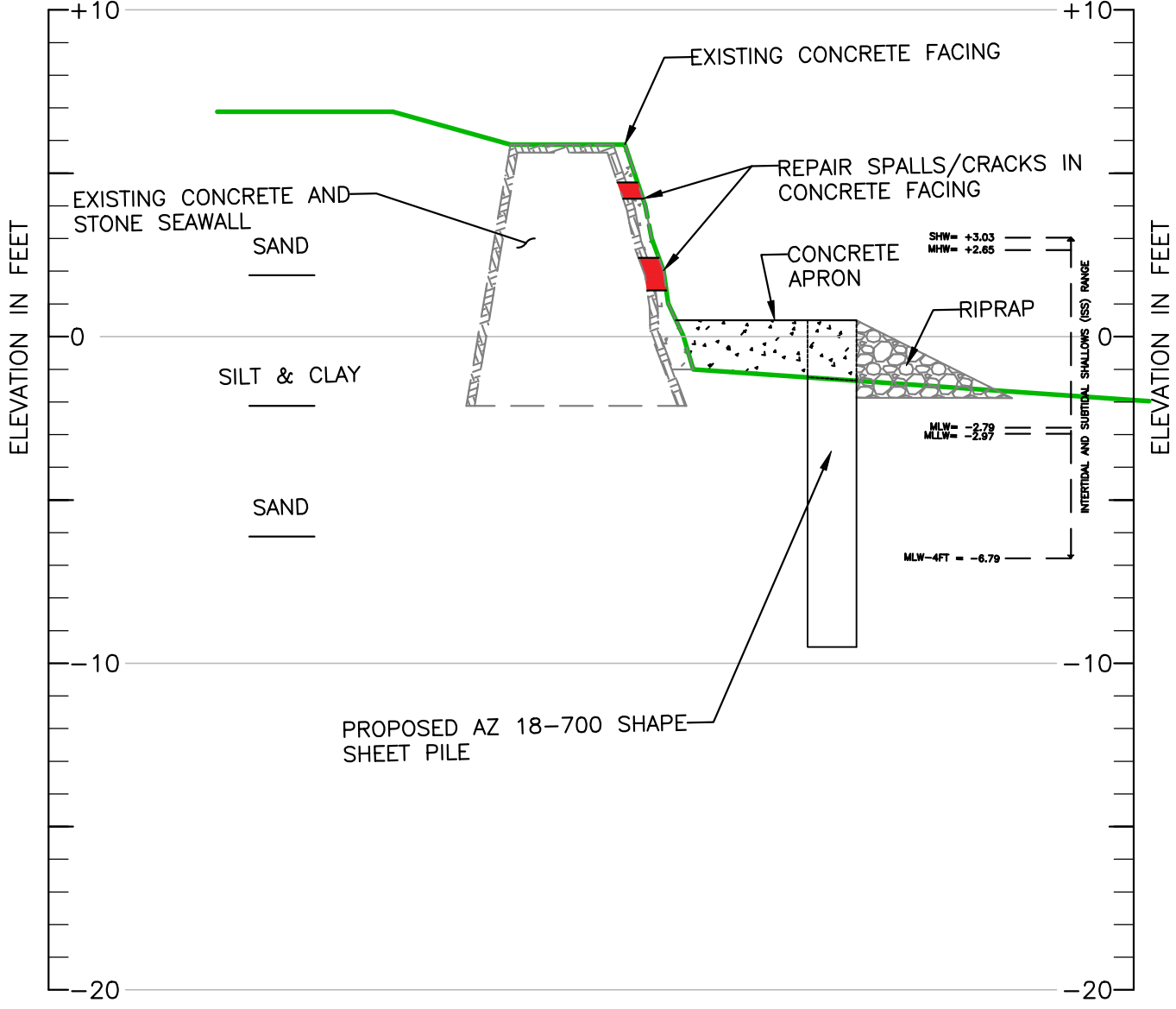
2 CATEGORY 2 REPAIR
SCALE: 1/4" = 1'-0"



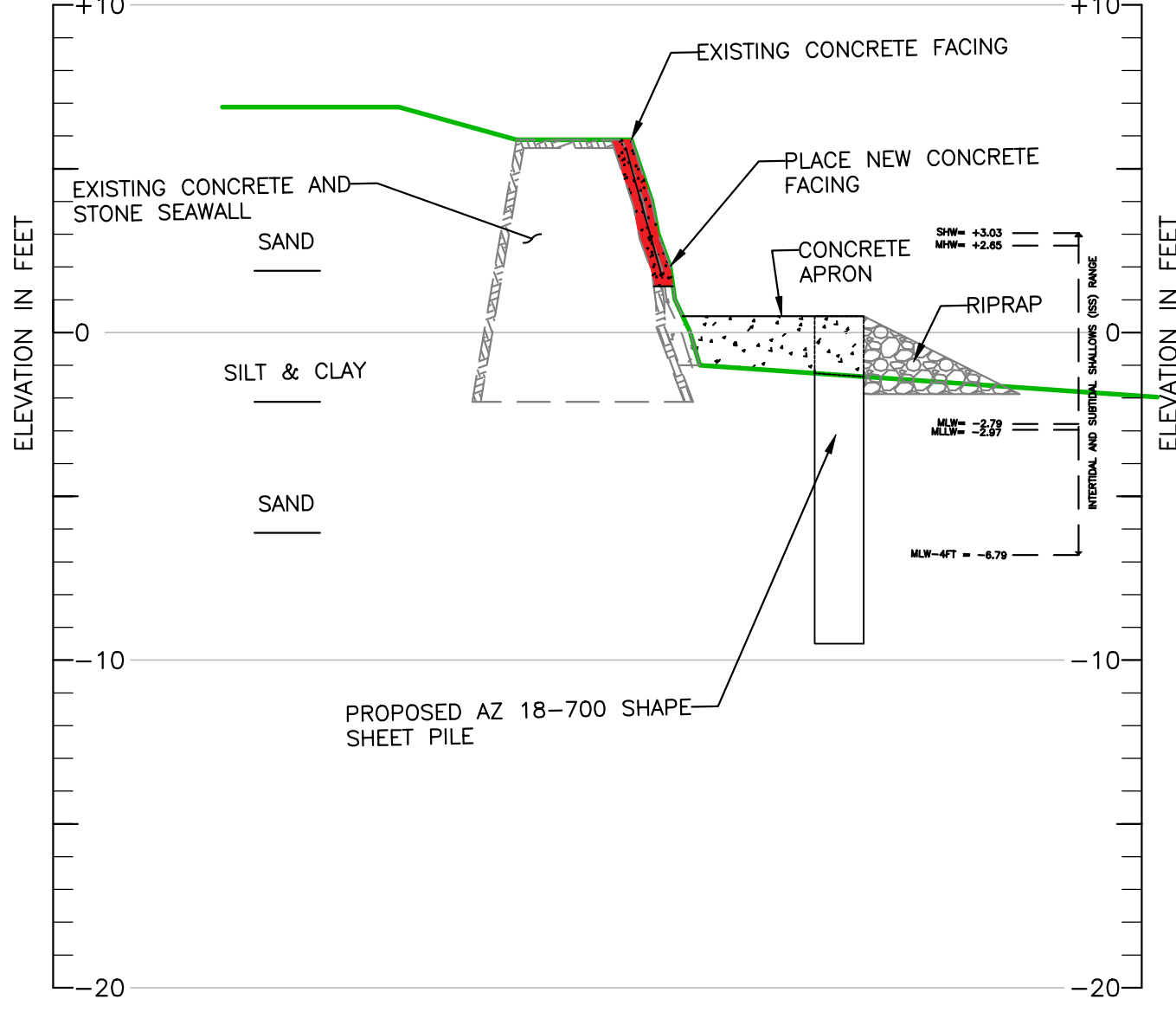
3 CATEGORY 3 REPAIR
SCALE: 1/4" = 1'-0"



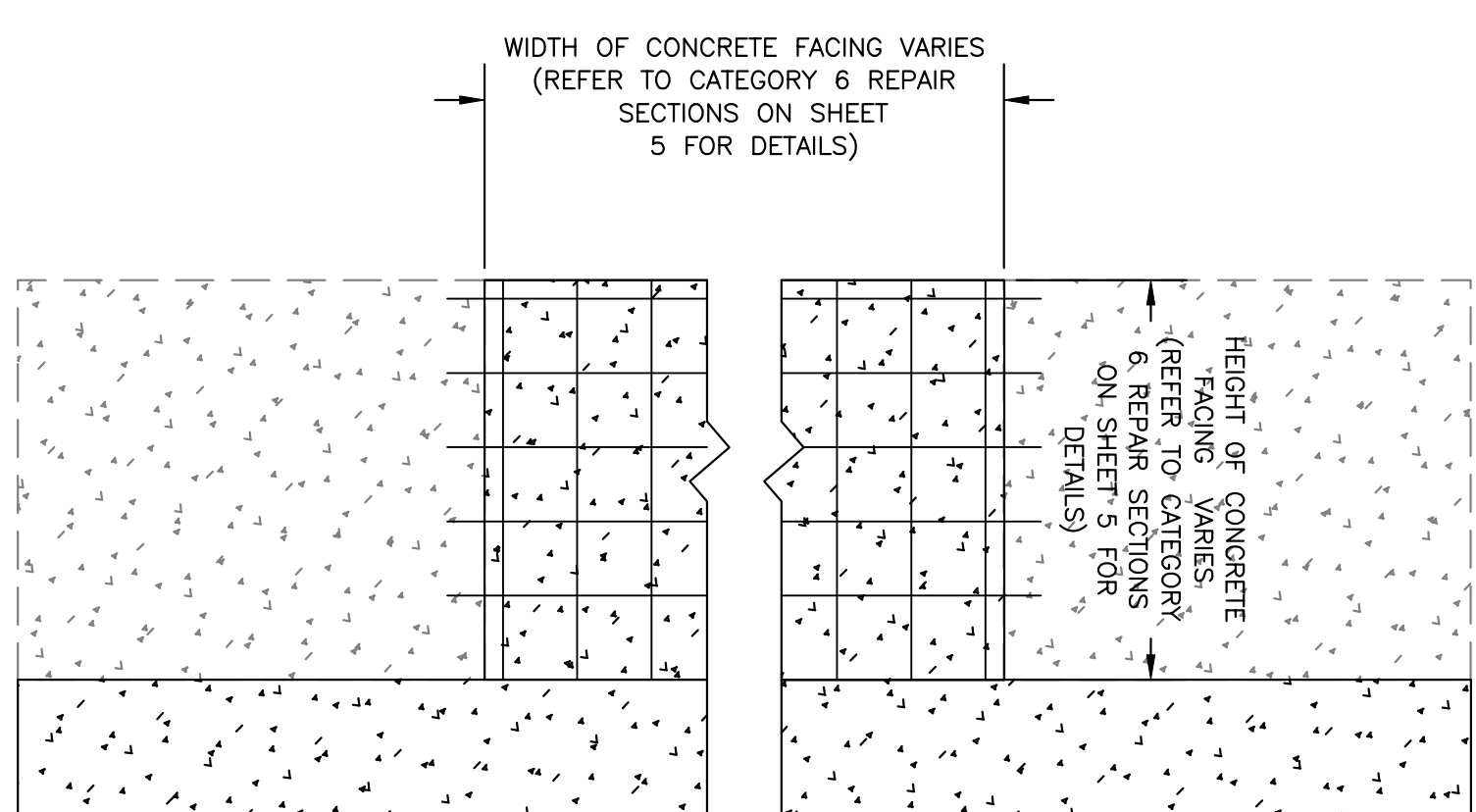
4 CATEGORY 4 REPAIR
SCALE: 1/4" = 1'-0"



5 CATEGORY 5 REPAIR
SCALE: 1/4" = 1'-0"



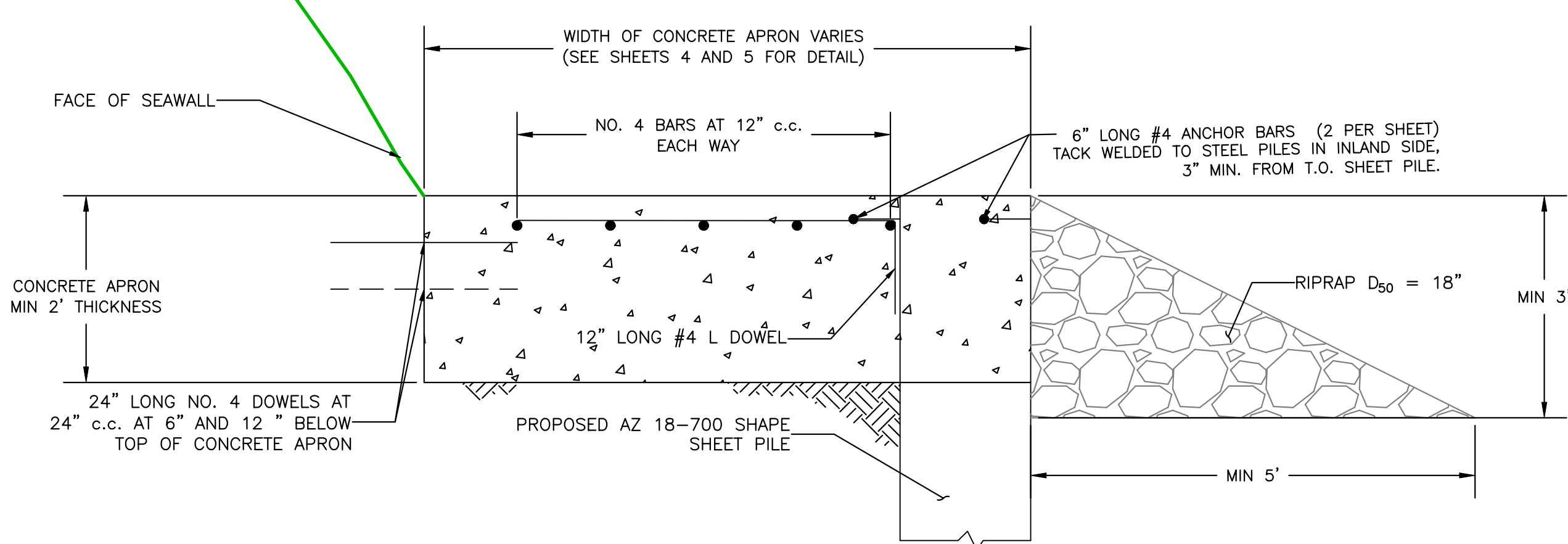
6 CATEGORY 6 REPAIR
SCALE: 1/4" = 1'-0"



NOTE: PROVIDE MIN. 3 INCH CONCRETE COVER FOR ALL REINFORCEMENT. CONCRETE FACING REINFORCEMENT IS #4 @12" O.C. EACH WAY. TRANSVERSE REINFORCEMENT SHALL BE DOWELED INTO ADJACENT CONCRETE MIN 6".

TYPICAL CONCRETE FACING DETAIL

SCALE: 1" = 2'-0"



NOTE: PROVIDE MIN. 3 INCH CONCRETE COVER FOR ALL REINFORCEMENT.

TYPICAL CONCRETE APRON DETAIL

SCALE: 1" = 1'-0"

NO.	ISSUE/DESCRIPTION	BY	DATE
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P1219-00 - FORT MOTT SEAWALL REHABILITATION
FORT MOTT STATE PARK
PENNSVILLE, NJ 08070

REPAIR CATEGORY SECTIONS

PREPARED BY:	PREPARED FOR:
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CHRISTOPHER S. ADAMS, P.E.
NJ PROFESSIONAL ENGINEER NO. 3400310000
DATE: July 2021

PROJ. NO.	REV.	REVIEWED BY:	CHECKED BY:	DATE
P1219-00	01	CSA	CSA	12.007/027.00