

ADMIRALS'S COVE

SHORE PROTECTION

MAPPING NOTES:

Site features were mapped by Dr. Wei Chen PE, and Jim Johannessen LEG, MS of Coastal Geologic Services (CGS) on 4/20/2022 using Trimble GeoHX 6000 post-processed to WSRN base station COUP.

Topographic data obtained from 2014 LiDAR delivered by Quantum Spatial, June 10, 2014, data acquired March 21, 2014 - April 11, 2014, 3 FT ground resolution.

Horizontal Datum: NAD83-91 State Plane, Washington North Zone.

Horizontal Control: National Geodetic Survey (NGS) Monument: Admiralty East Base TR1456

Project Benchmark Established ___/___/___ by CGS

Vertical Datum: NAVD88.

MLLW conversion = -1.14 per NOAA Online VDatum for the project site with MHHW based off of NOAA Station 9444900, Port Townsend, WA.

High Tide Line/ordinary High Water Mark (HTL/OHWM) based on the Highest Astronomical Tide (HAT) of 8.85 FT NAVD88 at NOAA Station 9444900, Port Townsend, WA

Parcel lines shown are approximate and for reference only. No boundary survey was completed as part of this work. Boundaries obtained from the 2012 Washington State Parcel Database, and used as-is here.

ADJACENT PARCEL MAP / AERIAL PHOTO:



LOCATION AND VICINITY MAP:



SITE ADDRESS:

75 Keystone Avenue
Coupeville, WA 98239
Island County APN: S6010-00-0100A-0

DRIVING DIRECTIONS:

From Oak Harbor WA, take WA State Route 20 West. Continue onto WA-525 South. Turn right (west) onto East Admirals Drive. Turn left onto South Byrd Drive. Project site is on the left.

ADJACENT PROPERTY OWNERS

PARCEL #	NAME	ADDRESS
S6010-00-01030-0	WORTENDYKE, DAVID ALAN & KATHERINE TRAVAILLE	1730 LAKESIDE AVE S, SEATTLE, WA 98144
R13124-293-5100	LEA JR MANAGER, STEPHEN & BEACH FARM PROPERTIES II LLC	16520 72ND AVE W, EDMONDS, WA 98026

SHEET INDEX:

#	Sheet Title
1	Cover Sheet - Vicinity Map - Notes
2	Existing Conditions - Site Plan
3	Proposed Conditions - Site Plan
4	Proposed Conditions - Cross Sections - Details

GENERAL NOTES:

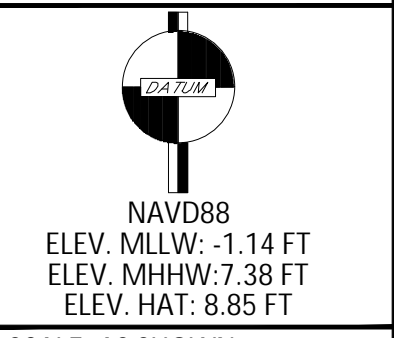
- The work consists of furnishing all construction, labor, equipment, and materials, and performing all operations in connection with the construction related to shore protection detailed in the final design drawing sheets.
- Project activities shall not occur when the work area is inundated by tidal waters. The contractor shall have on the job site a current tide chart for the duration of the project activities.
- Work during holidays, weekends, and outside the normal work hours requires prior arrangements and approval.
- Contractor must obtain appropriate permissions to encroach and work within any rights-of-way.
- Location of utilities was not determined prior to project design. The contractor shall contact utility location service 48 hours prior to starting construction at 1-800-424-5555 or 811.
- The contractor shall restore all private and public property disturbed by the project immediately after construction.
- All material sources to be used shall be pre-approved by the project engineer prior to import and construction. Sample material and specification documentation shall be inspected and reviewed prior to large quantity shipment to the project site.
- Any discrepancies in the plans with field conditions shall be brought to the immediate attention of the engineer.
- A copy of the approved plans, specifications and permits must be on the job site whenever construction is in process. All work and work timing will be in compliance with provisions in the approved permit(s).
- The contractor shall ensure that all pre-construction meetings and inspections are scheduled and attended as required by the project permits.
- Location of utilities was not determined prior to project design.
- All construction materials will be staged landward of OHWM
- Disturbed areas will be revegetated as soon as possible after completion of construction.
- All construction equipment will be inspected daily for leaks and any required repairs will be completed before using the equipment near the water.
- All refueling and maintenance of equipment will take place a minimum of 100 feet from marine waters and landward wetlands.
- An emergency spill containment kit will be located onsite during construction.
- All waste and debris generated by the project will be collected and removed to a legally permitted waste disposal site.



1711 Ellis St, Suite 103
Bellingham, WA 98225
360-647-1845 - coastalgeo.com

REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	WCC
CHECKED BY:	
DATE SURVEYED:	4/20/2022
MAPPED BY:	WCC

ADMIRAL'S COVE - SHORE PROTECTION
COVER SHEET
VICINITY MAP - NOTES
MARINE SURVEYS AND ASSESSMENTS



NAVD88
ELEV. MLLW: -1.14 FT
ELEV. MHHW: 7.38 FT
ELEV. HAT: 8.85 FT

SCALE: AS SHOWN

DATE: 7/14/2022

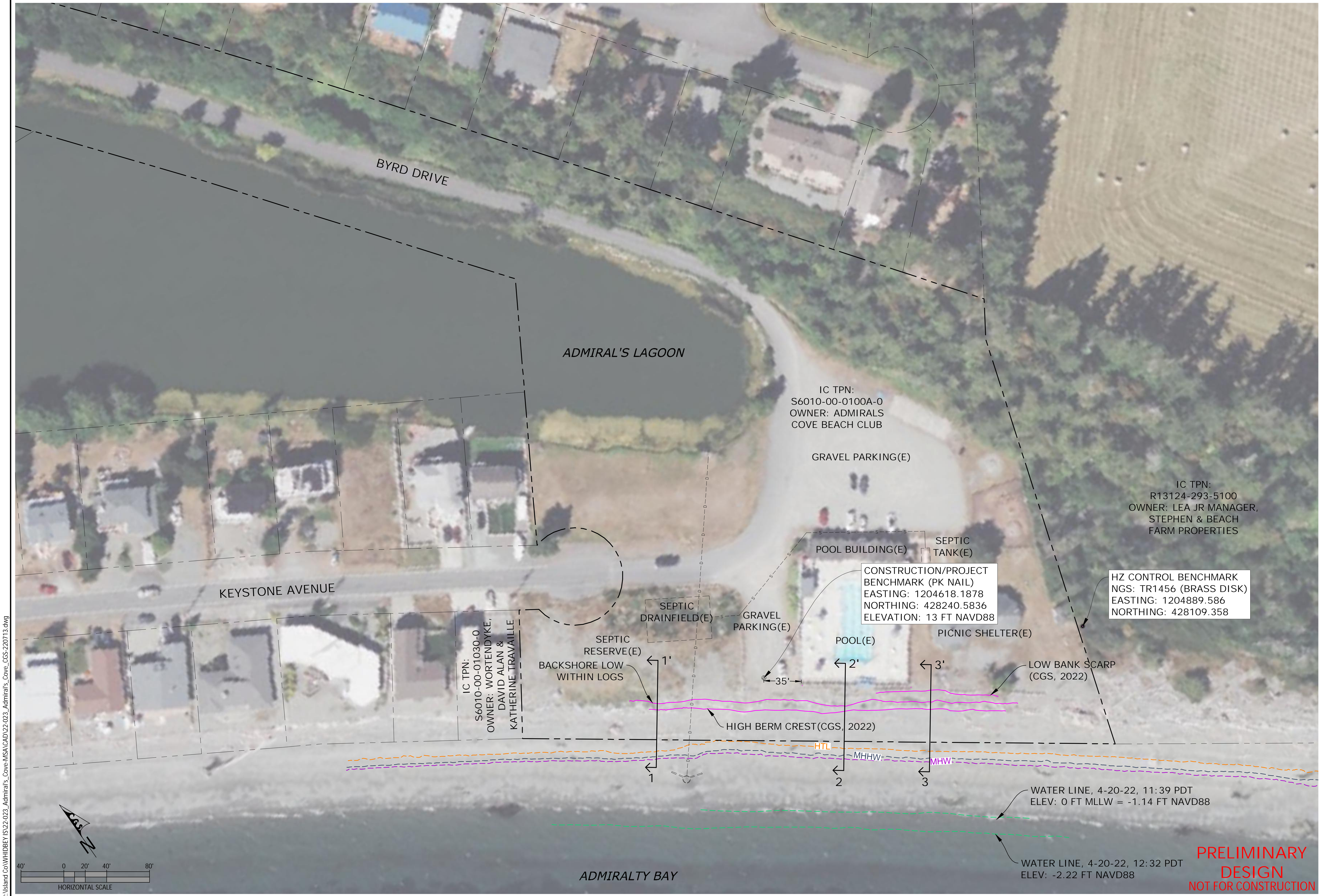
SHEET:

1

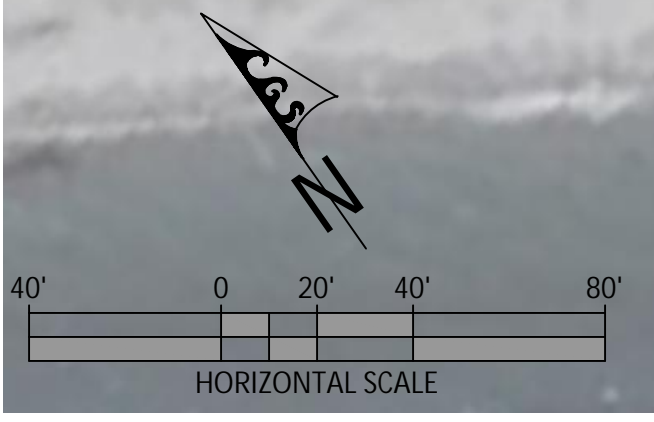
OF: 4

PRELIMINARY
DESIGN
NOT FOR CONSTRUCTION

R:\Island Co\WHIDBEY\IS22-023_Admirals_Cove\MSACAD\22-023_Admirals_Cove_CGS-220713.dwg



R:\Island Co\WHIDBEY\IS22-023_Admiral's Cove\MSACAD\22-023_Admiral's Cove_CGS-220713.dwg



REVISIONS

ADMIRAL'S COVE - SHORE PROTECTION
EXISTING CONDITIONS
 SITE PLAN
 MARINE SURVEYS AND ASSESSMENTS

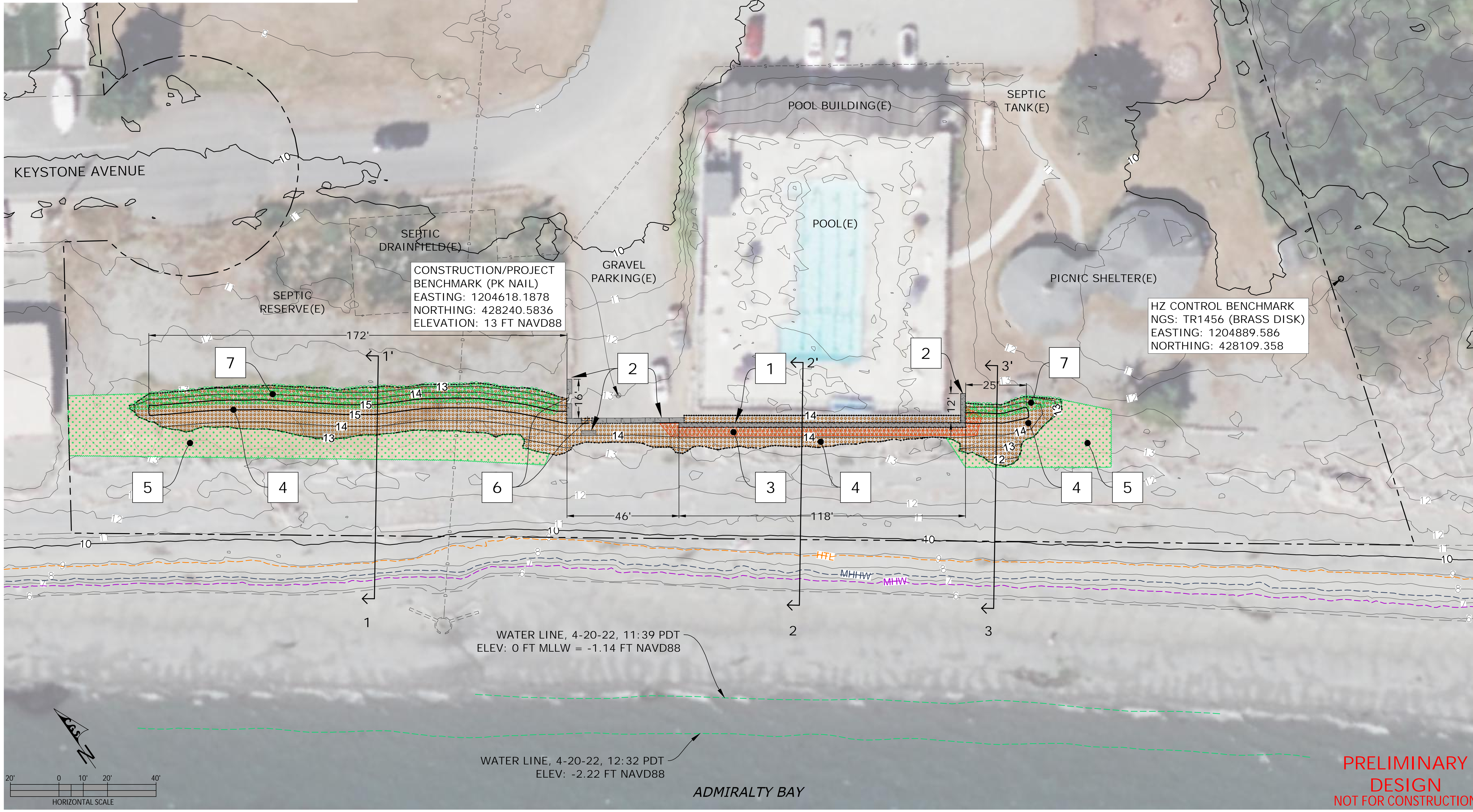
NAV88
 ELEV. MLLW: -1.14 FT
 ELEV. MHHW: 7.38 FT
 ELEV. HAT: 8.85 FT

SCALE: AS SHOWN
 DATE: 7/14/2022
 SHEET: **1**
 OF: 4

PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

PROPOSED CONDITIONS NOTES

- 1 EXCAVATE AND INSTALL ECOLOGY BLOCK WALL WITH QUARRY SPALL BASE AND GEOTEXTILE
- 2 INSTALL ECOLOGY BLOCK BARRIER
- 3 PLACE TOE ROCK MIXED INTO GRAVEL BERM AT CORNERS AND BLOCK SEAMS
- 4 PLACE GRAVEL BERM PER CROSS SECTIONS 1-3
- 5 INSTALL NATIVE DUNEGRASS PLANTINGS
- 6 BEACH ACCESS (4.0 FT WIDTH)
- 7 INSTALL EXCAVATED SAND AND GRAVEL SEDIMENT AND SHORELINE PLANTINGS



CONSTRUCTION/PROJECT BENCHMARK (PK NAIL)
 EASTING: 1204618.1878
 NORTHING: 428240.5836
 ELEVATION: 13 FT NAVD88

HZ CONTROL BENCHMARK
 NGS: TR1456 (BRASS DISK)
 EASTING: 1204889.586
 NORTHING: 428109.358

R:\Island Co\WHIDBEY\IS22-023_Admiral's Cove\MSACAD\22-023_Admiral's Cove_CGS-220713.dwg

COASTAL GEOLOGIC SERVICES
 1711 Ellis St, Suite 103
 Bellingham, WA 98225
 360-647-1845 - coastalgeo.com

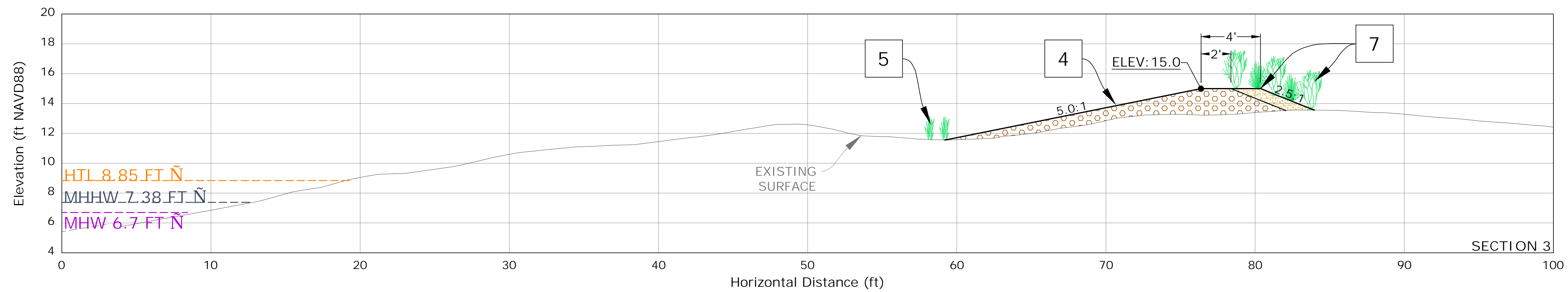
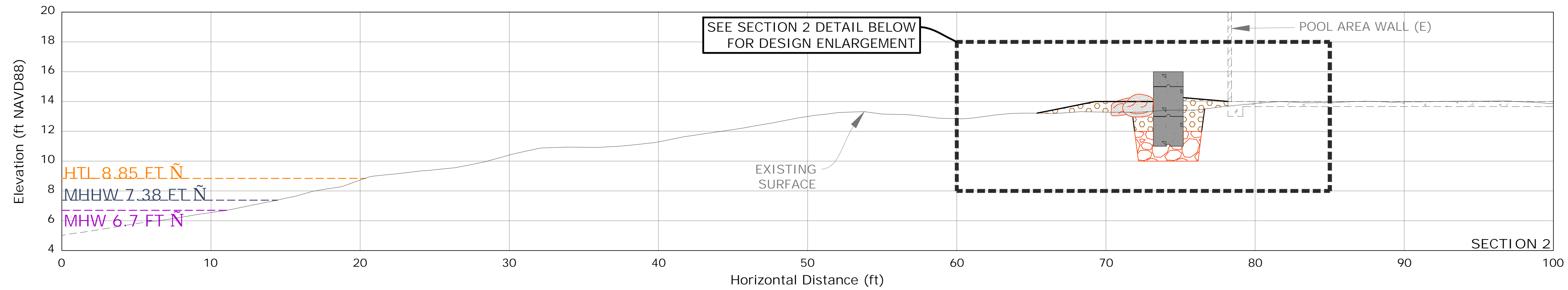
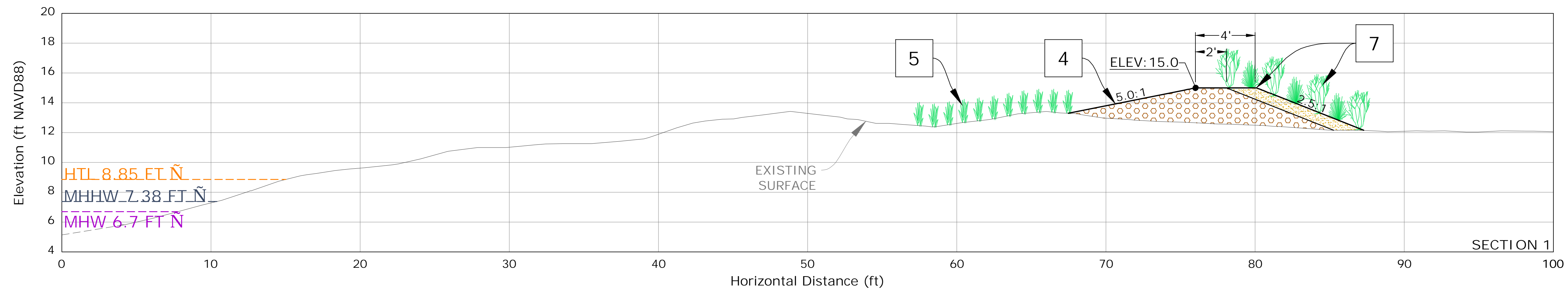
REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	WJC
CHECKED BY:	
DATE SURVEYED:	4/20/2022
MAPPED BY:	WJC

ADMIRAL'S COVE - SHORE PROTECTION
 PROPOSED CONDITIONS
 SITE PLAN
 MARINE SURVEYS AND ASSESSMENTS

NAV88
 ELEV. MLLW: -1.14 FT
 ELEV. MHHW: 7.38 FT
 ELEV. HAT: 8.85 FT

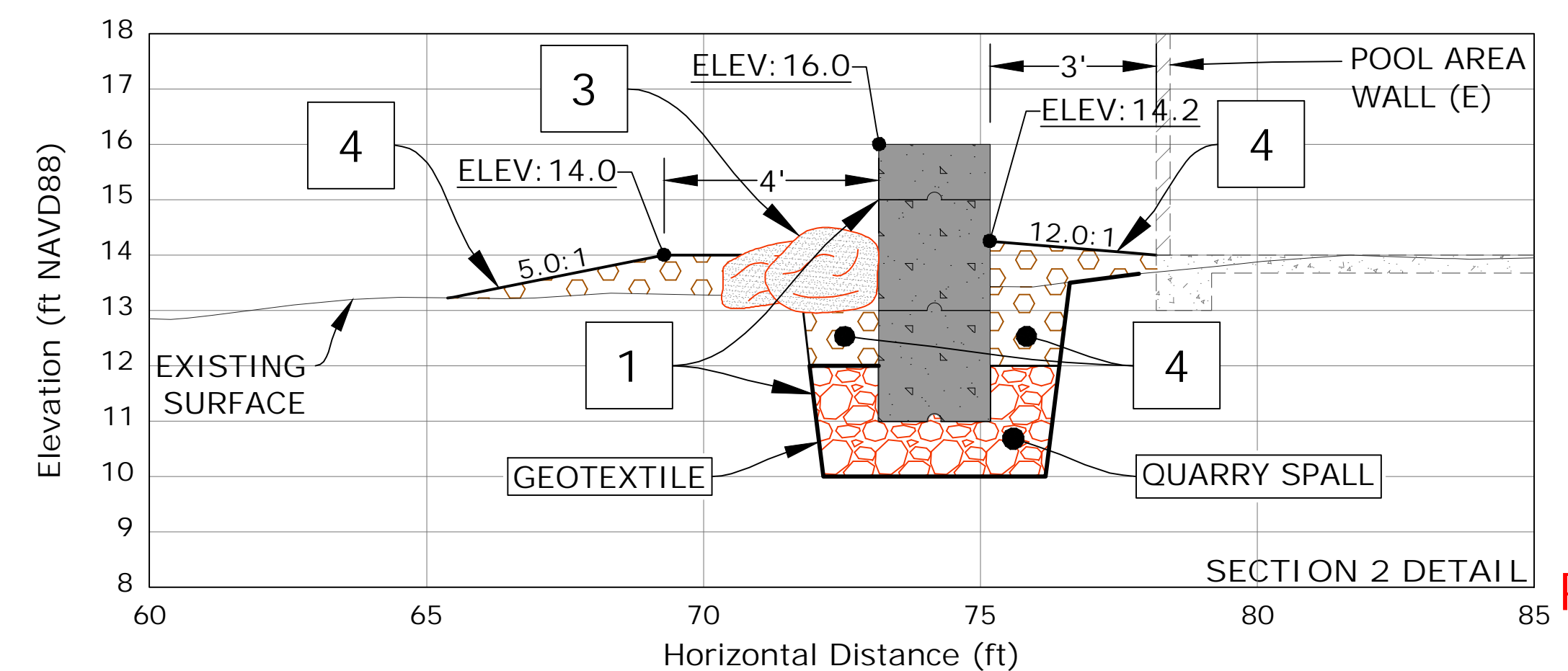
SCALE: AS SHOWN
 DATE: 7/14/2022
 SHEET: **3**
 OF: 4

PRELIMINARY DESIGN
 NOT FOR CONSTRUCTION



PROPOSED CONDITIONS NOTES

- 1 EXCAVATE AND INSTALL ECOLOGY BLOCK WALL WITH QUARRY SPALL BASE AND GEOTEXTILE
- 3 PLACE TOE ROCK MIXED INTO GRAVEL BERM AT CORNERS AND BLOCK SEAMS
- 4 PLACE GRAVEL BERM PER CROSS SECTIONS 1-3
- 5 INSTALL NATIVE DUNEGRASS PLANTINGS
- 7 INSTALL EXCAVATED SAND AND GRAVEL SEDIMENT AND SHORELINE PLANTINGS



**PRELIMINARY
DESIGN
NOT FOR CONSTRUCTION**

REVISIONS	
DRAWN BY:	ADT
DESIGNED BY:	WCC
CHECKED BY:	WCC
DATE SURVEYED:	1/20/2022
MAPPED BY:	WCC

**ADMIRAL'S COVE - SHORE PROTECTION
PROPOSED CONDITIONS
CROSS SECTIONS - DETAILS
MARINE SURVEYS AND ASSESSMENTS**

R:\Island Co\WHIDBEY\IS22-023_Admiral's Cove\MSACAD\22-023_Admiral's Cove_CGS-220713.dwg