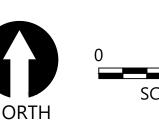
SHOOTING ISLAND RESTORATION AND COASTAL RESILIENCY PROJECT: PHASES 2, 3, AND 4

CITY OF OCEAN CITY, NEW JERSEY



		DRAWING LIST
SHEET NUMBER	SHEET DESCRIPTION	SHEET TITLE
1	G-01	COVER SHEET
2	G-02	GENERAL NOTES
3	E-01	EXISTING CONDITIONS AND SHEET LAYOUT PLAN
4	C-01	PHASE 2 BACKFILL- STA 100+00 TO STA 105+00 PLAN AND PROFILE
5	C-02	PHASE 2 BACKFILL- STA. 105+00 TO STA. 110+00 PLAN AND PROFILE
6	C-03	PHASE 2 BACKFILL- STA. 110+00 TO STA. 115+00 PLAN AND PROFILE
7	C-04	PHASE 2 BACKFILL- STA. 115+00 TO STA. 120+00 PLAN AND PROFILE
8	C-05	PHASE 2 BACKFILL- STA. 120+00 TO 125+00 PLAN AND PROFILE
9	C-06	PHASE 2 BACKFILL- STA. 125+00 TO END PLAN AND PROFILE
10	C-07	PHASE 2 BACKFILL CROSS SECTIONS
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12	C-09	PHASE 2 BACKFILL- TYPICAL SECTION DETAIL
13	C-10	PHASE 3 - THIN LAYER PLACEMENT CELL LAYOUT PLAN
14	C-11	PHASE 3 - THIN LAYER PLACEMENT PLAN (1 OF 3)
15	C-12	PHASE 3 - THIN LAYER PLACEMENT PLAN (2 OF 3)
16	C-13	PHASE 3 - THIN LAYER PLACEMENT PLAN (3 OF 3)
17	C-14	PHASE 3 - THIN LAYER PLACEMENT PLAN CROSS SECTIONS (1 OF 2)
18	C-15	PHASE 3 - THIN LAYER PLACEMENT PLAN CROSS SECTIONS (2 OF 2)
19	C-16	PHASE 4 - CDF RESTORATION PLAN
20	C-17	PHASE 4 - CDF RESTORATION CROSS SECTIONS
21	D-01	SHORELINE ACCESS AREA



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SHOOTING ISLAND HABITAT RESTORATION AND **COASTAL RESILIENCY PROJECT- PHASES 2, 3, AND 4 CITY OF OCEAN CITY, NJ**

DATE: NOVEMBER 2019

COVER SHEET

G-01

SHEET NO. 1 OF 21

GENERAL NOTES

- 1. THE OWNER'S REPRESENTATIVE SHALL BE PROMPTLY NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY MATERIALLY FROM THOSE SHOWN IN THE CONTRACT DOCUMENTS.
- 2. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THESE DRAWINGS WITHOUT THE WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- 3. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- 4. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS AND OTHER APPLICABLE REGULATORY REQUIREMENTS.
- 5. THE CONTRACTOR SHALL ABIDE BY THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS AND THE CONTRACTOR'S HEALTH AND SAFETY PLAN (HASP), AS APPROPRIATE, AS WELL AS APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF SITE PERSONNEL.
- 7. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING STRUCTURES OR UTILITIES. ANY DAMAGE TO EXISTING STRUCTURES, SHORELINES, OR UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL UTILITY MARKOUTS AND FORWARDING CONFIRMATION OF NOTIFICATION TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL NECESSARY PERMITS FROM THE AFFECTED UTILITY COMPANIES AND FOR SCHEDULING OF INSPECTIONS BY UTILITY COMPANY PERSONNEL, IF REQUIRED, DURING CONSTRUCTION.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEDIMENT CONTROL MEASURES DURING THE CONSTRUCTION PERIOD, AS REQUIRED BY THE PERMITS, LOCAL ORDINANCES, PLANS, AND SPECIFICATIONS.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A NEAT AND ORDERLY SITE, YARD AND GROUNDS. REMOVE AND DISPOSE OFF SITE ALL RUBBISH, WASTE MATERIALS, LITTER, AND ALL FOREIGN SUBSTANCES. PROMPTLY NOTIFY APPROPRIATE AUTHORITIES AND OWNER'S REPRESENTATIVE, AND REMOVE PETRO-CHEMICAL SPILLS, STAINS AND OTHER FOREIGN DEPOSITS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- 11. THE CONTRACTOR SHALL FIELD VERIFY SEDIMENT PHYSICAL PROPERTIES AND OTHER SITE FEATURES. CONTRACTOR ACKNOWLEDGES THAT THEY HAVE UNDERTAKEN ANY PRE-BID INVESTIGATION THEY DEEM NECESSARY TO DETERMINE TO COMPOSITION, SIZE, SHAPE, LOCATION AND DEPTH OF MATERIALS THAT WILL BE ENCOUNTERED.
- 12. NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE APPROVAL BY THE OWNER'S REPRESENTATIVE.
- 13. THE CONTRACTOR IS ADVISED THAT ALL LOCAL PUBLIC NUISANCE LAWS AND NOISE ORDINANCES SHALL BE OBSERVED DURING THE COURSE OF CONSTRUCTION.
- 14. THE CONTRACTOR SHALL RESTORE ALL PUBLIC OR PRIVATE PROPERTY AFFECTED BY CONSTRUCTION ACTIVITIES TO AT LEAST AS GOOD OF CONDITION AS BEFORE CONSTRUCTION ACTIVITIES, AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
- 15. IN THE EVENT OF CONFLICT BETWEEN THESE DRAWINGS AND THE TECHNICAL SPECIFICATIONS THE TECHNICAL SPECIFICATIONS SHALL GOVERN.

DATUM NOTES

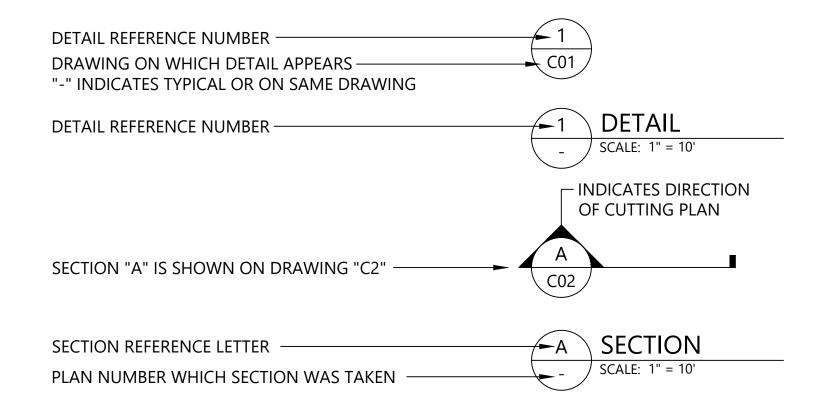
- 1. HORIZONTAL DATUM: NEW JERSEY STATE PLANE, NAD 83, U.S. FEET.
- 2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

DATA SOURCES

- BATHYMETRIC SURVEY DATA WAS COLLECTED BY ACT ENGINEERS IN FEBRUARY 2017.
- 2. BASEMAPS PROVIDED BY THE CITY OF OCEAN CITY, JULY 2015
- 3. BASE LINE WORK PREPARED BY ACT ENGINEERS, INC. BASED ON FIELD SURVEY CONDUCTED ON FEBRUARY 14, 2017 THROUGH MARCH 1, 2017 AND SUPPLEMENTED WITH NEARSHORE TOPOGRAPHY COLLECTED ON JULY 27, 2017. ADDITIONAL TOPOGRAPHIC SURVEY CONDUCTED IN MAY AND AUGUST 2019 BY ACT ENGINEERS, INC.

SEQUENCE OF CONSTRUCTION

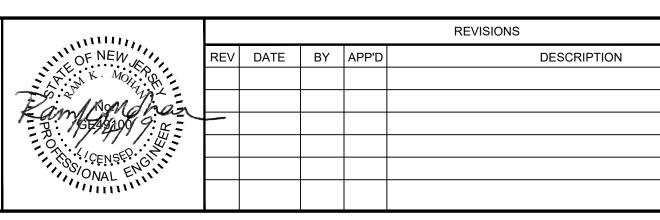
- 1. PRE-CONSTRUCTION MEETING WITH CONTRACTOR, OWNER, OWNER'S REPRESENTATIVE, AND KEY STAKEHOLDERS.
- 2. NO CONSTRUCTION ACTIVITY MAY COMMENCE PRIOR TO REVIEW AND ACCEPTANCE OF CONTRACTOR'S REQUIRED WORK PLANS AND PRE-CONSTRUCTION SUBMITTALS.
- 3. COMPLETE NECESSARY NOTIFICATIONS AND UTILITY LOCATION TASKS.
- 4. MOBILIZATION OF PERSONNEL, EQUIPMENT, FACILITIES, AND MATERIALS REQUIRED TO COMPLETE THE WORK.
- 5. INSTALL ENVIRONMENTAL CONTROLS AND MAINTAIN CONTROLS THROUGH DURATION OF THE PROJECT.
- 6. CONSTRUCT SHORELINE ACCESS AREA WITHIN LIMITS SHOWN ON THESE DRAWINGS.
- 7. CLOSURE OF LIVING SHORELINE ROCK SILL FISH WINDOWS AND PLACEMENT OF TURBIDITY CONTROLS.
- 8. CONDUCT PHASE 2 RESTORATION BACKFILL PLACEMENT OPERATIONS. TOTAL PHASE 2 BACKFILL VOLUME IS 11,200 CY.
- CONDUCT PHASE 3 THIN LAYER PLACEMENT IN THE SEQUENCE IDENTIFIED ON SHEET C-10 AND IN THE TECHNICAL SPECIFICATIONS.
- 10. CONDUCT PHASE 4 CDF RESTORATION OPERATIONS.
- 11. COMPLETE SITE DEMOBILIZATION AND RESTORATION ACTIVITY.
- 12. IMPLEMENTATION OF SITE LONG-TERM MONITORING PLAN. INCLUDES REGULAR MONITORING AND REPORTING ACTIONS, AS WELL AS CONTINGENCY OR ADAPTIVE MANAGEMENT MEASURES, AS NECESSARY.



DETAIL AND SECTION REFERENCING







DESIGNED BY:	S. BAGNULL
DRAWN BY:	B. HURRY
CHECKED BY:	T. MERRITTS
APPROVED BY:	R. MOHAN

DATE: NOVEMBER 2019

SCALE: AS NOTED

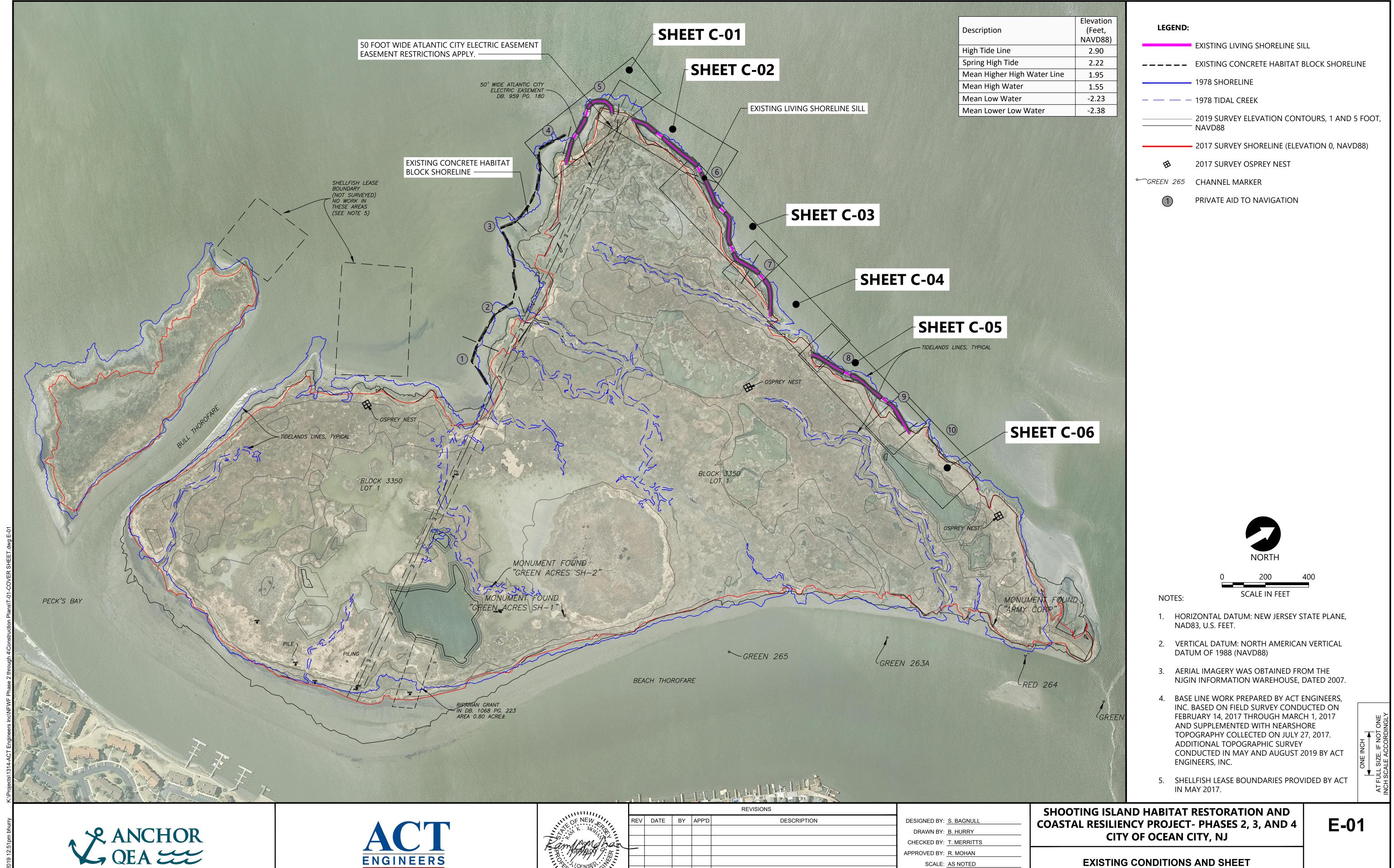
SHOOTING ISLAND HABITAT RESTORATION AND COASTAL RESILIENCY PROJECT- PHASES 2, 3, AND 4 CITY OF OCEAN CITY, NJ

G-02

GENERAL NOTES

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SHEET NO. 2 OF 21



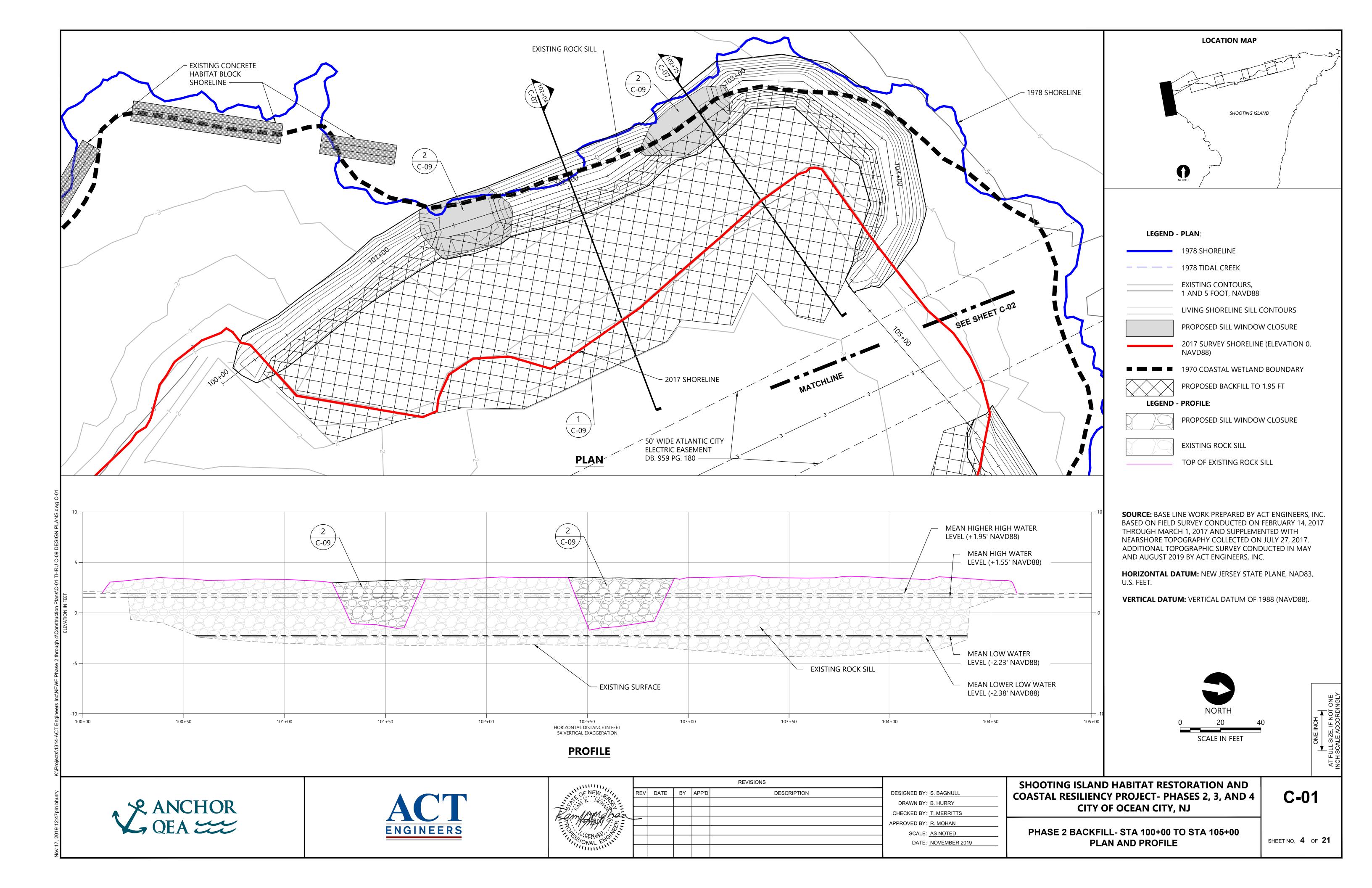


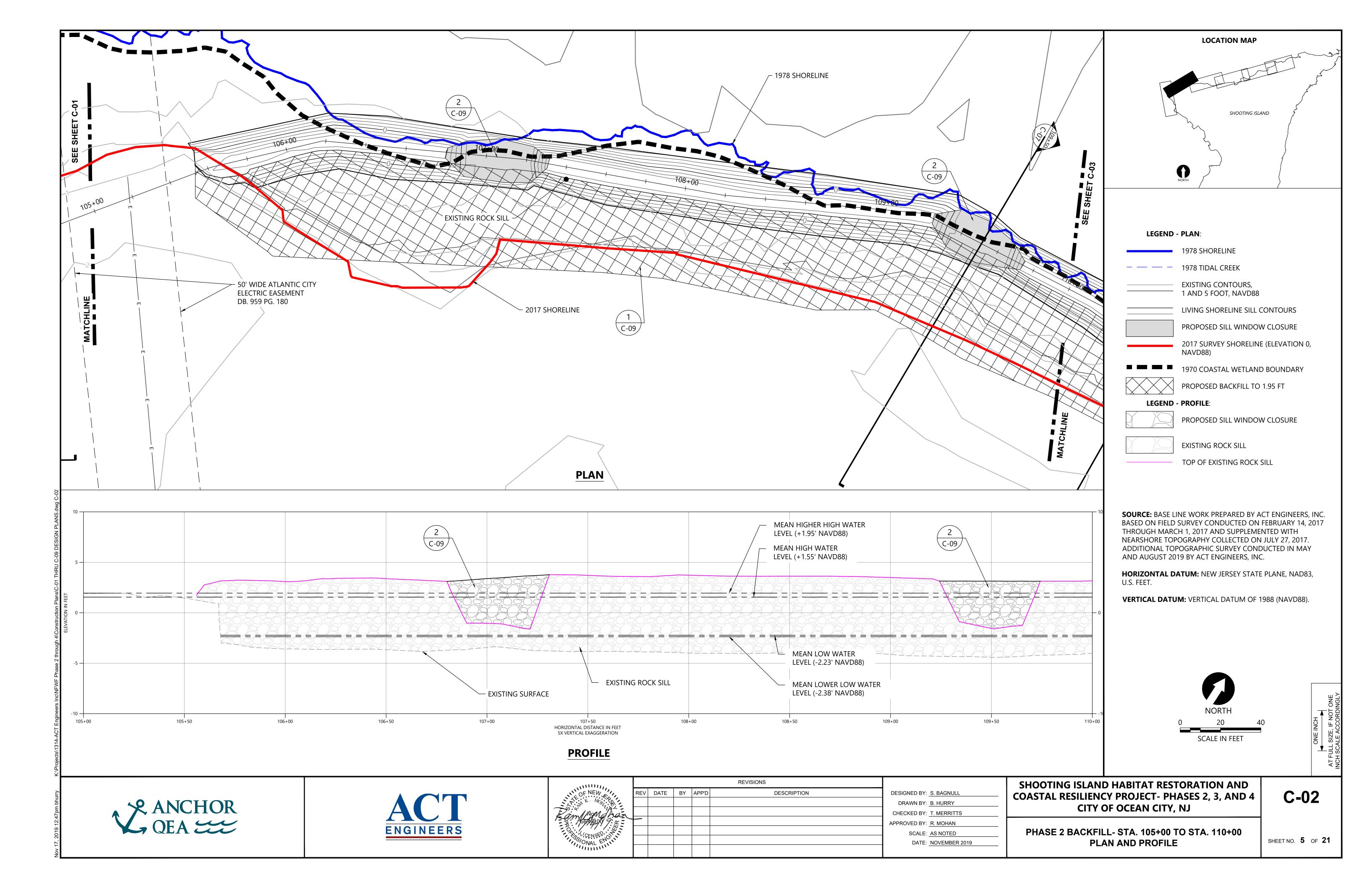
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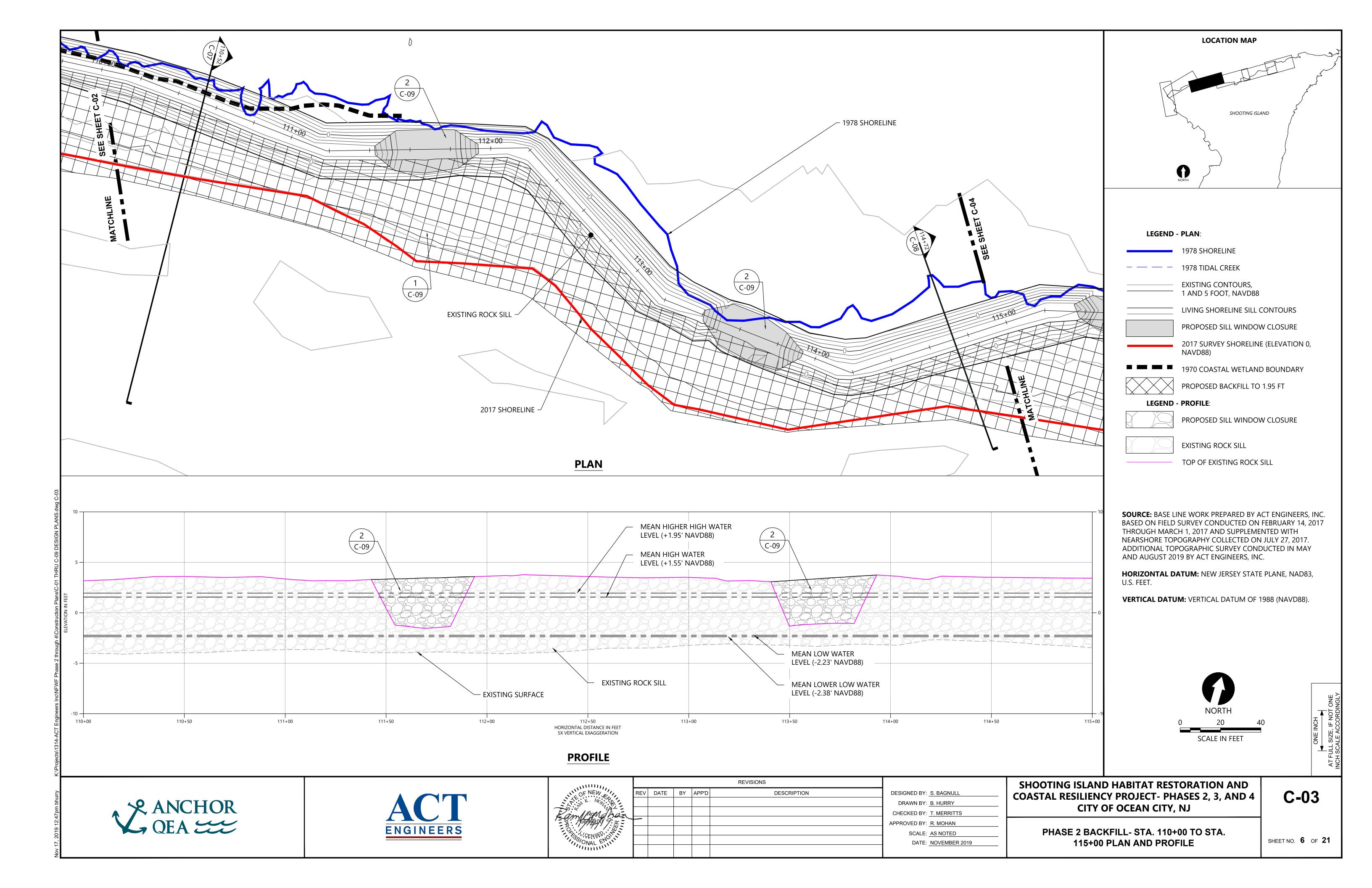
EXISTING CONDITIONS AND SHEET LAYOUT PLAN

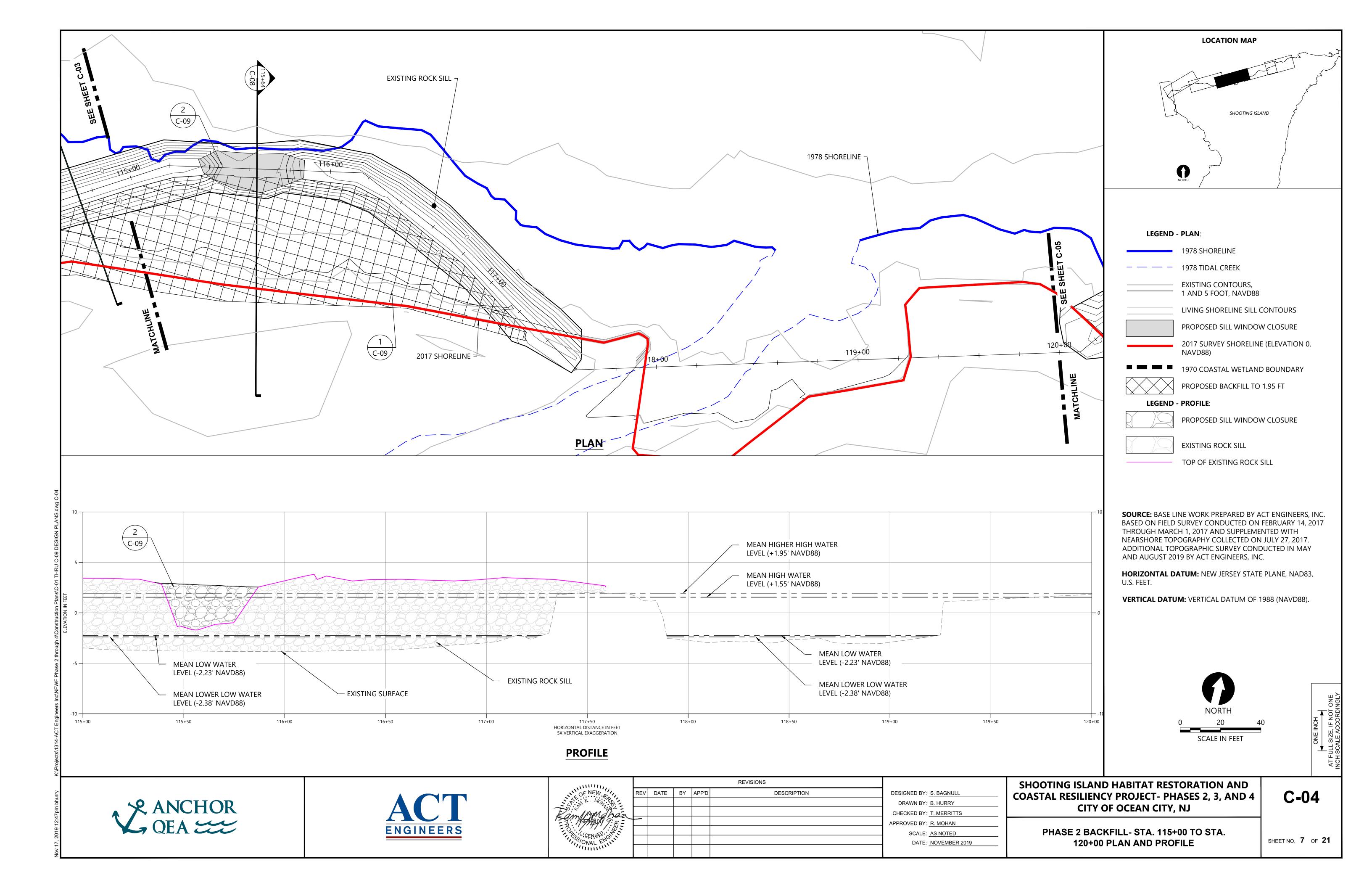
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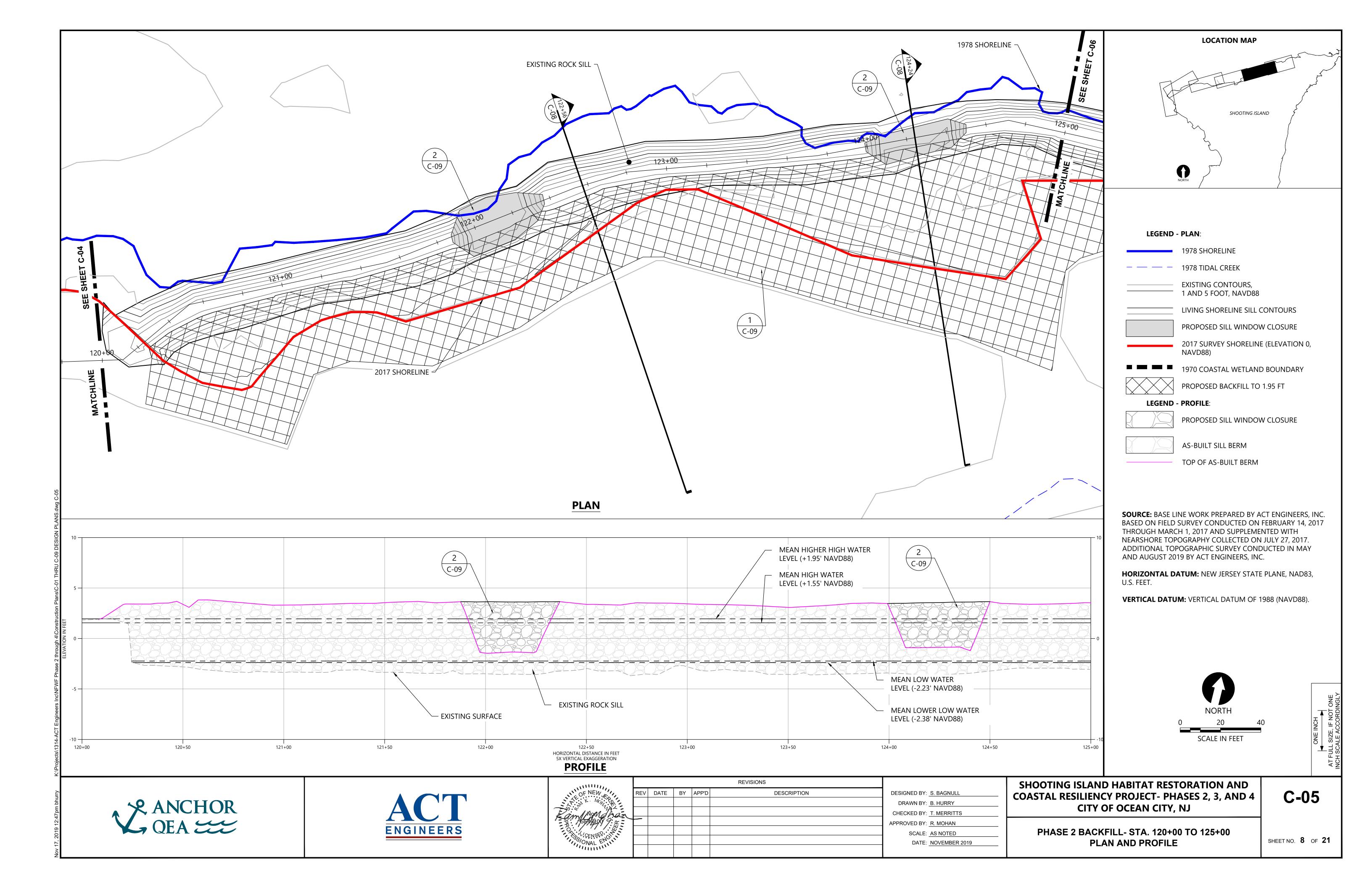
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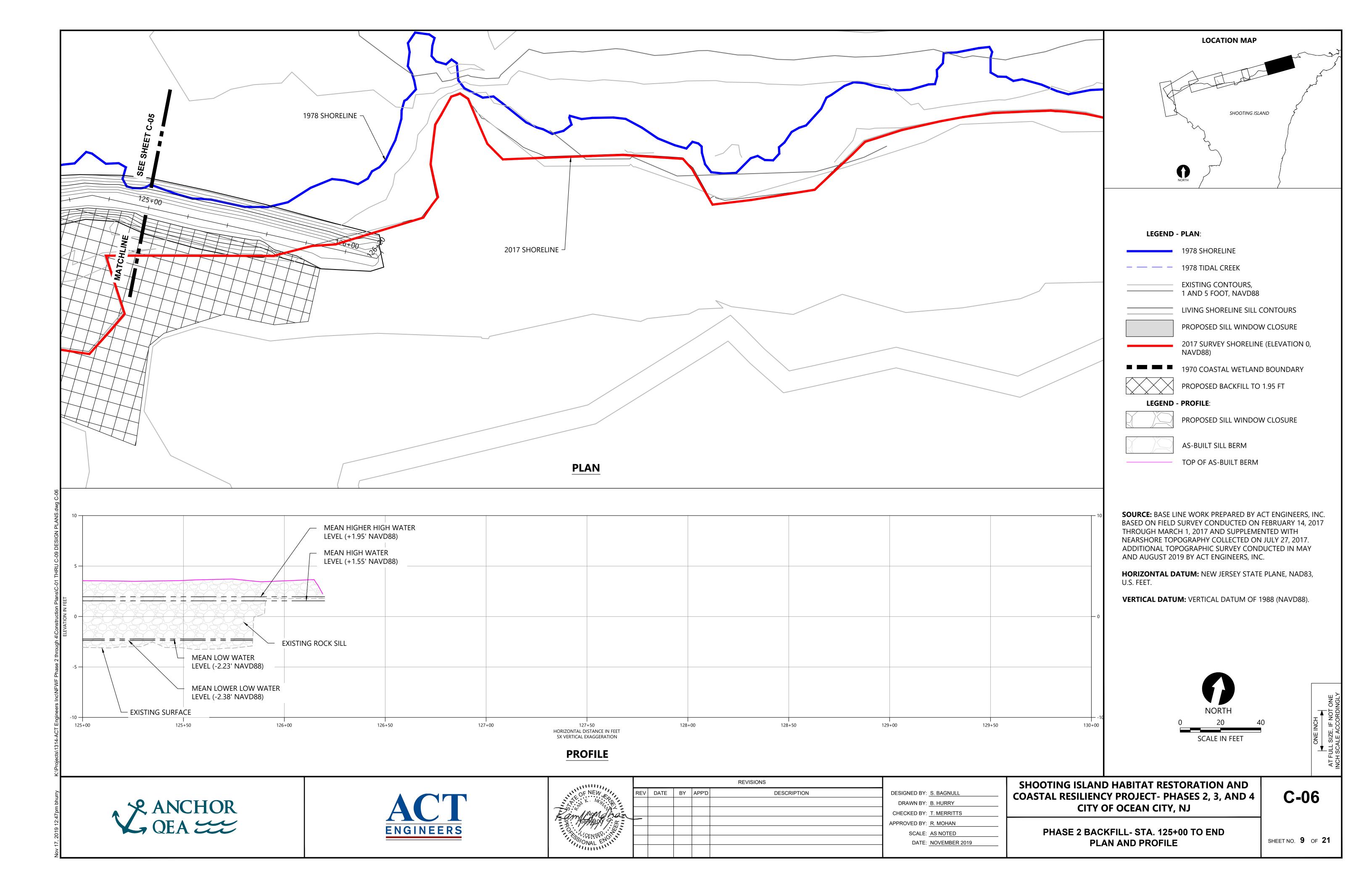


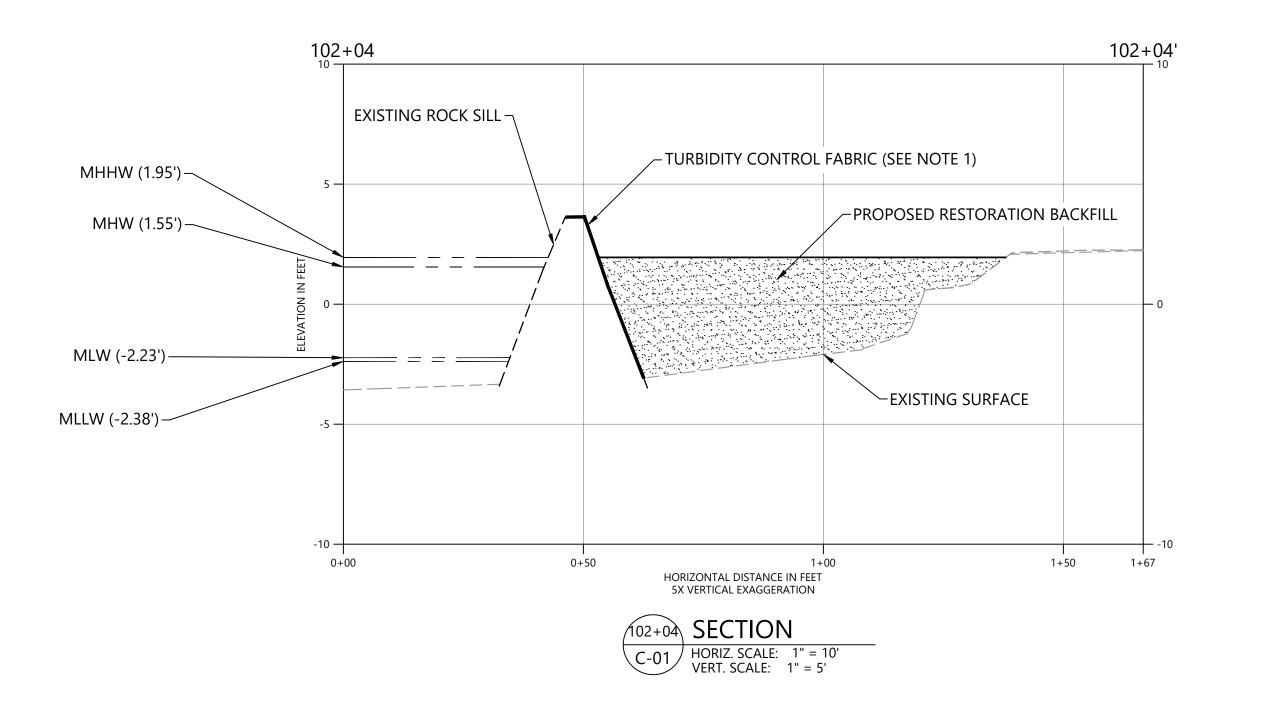


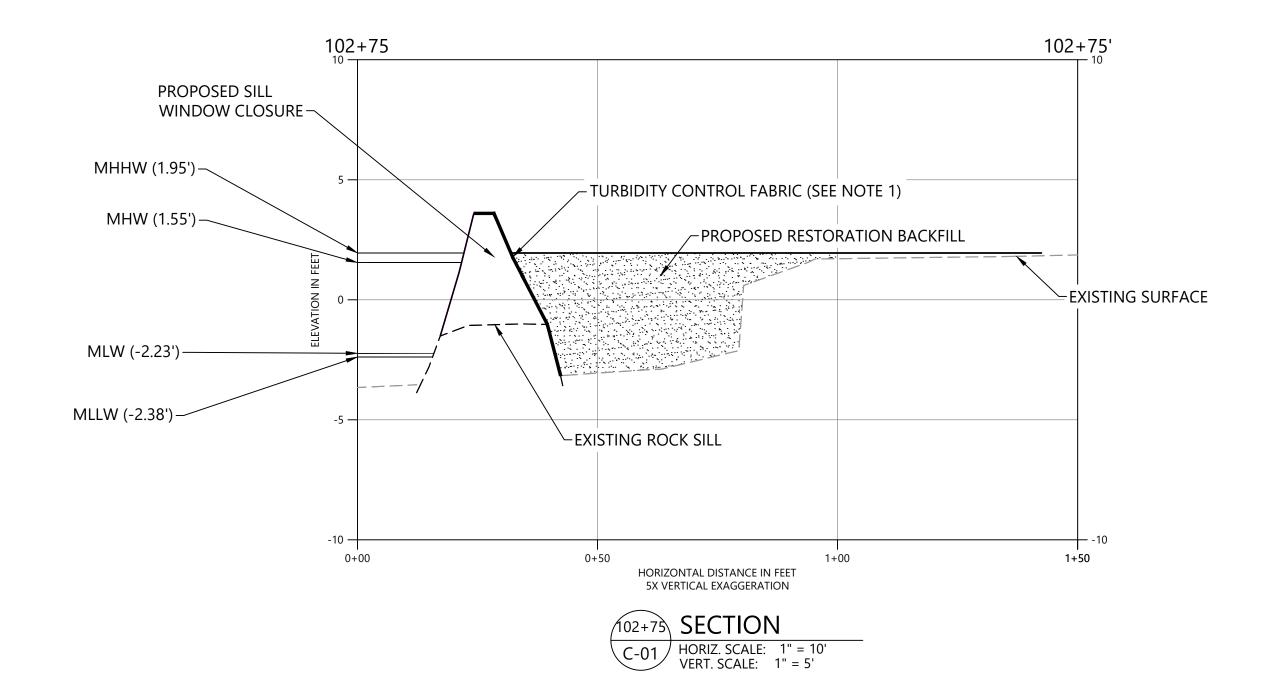


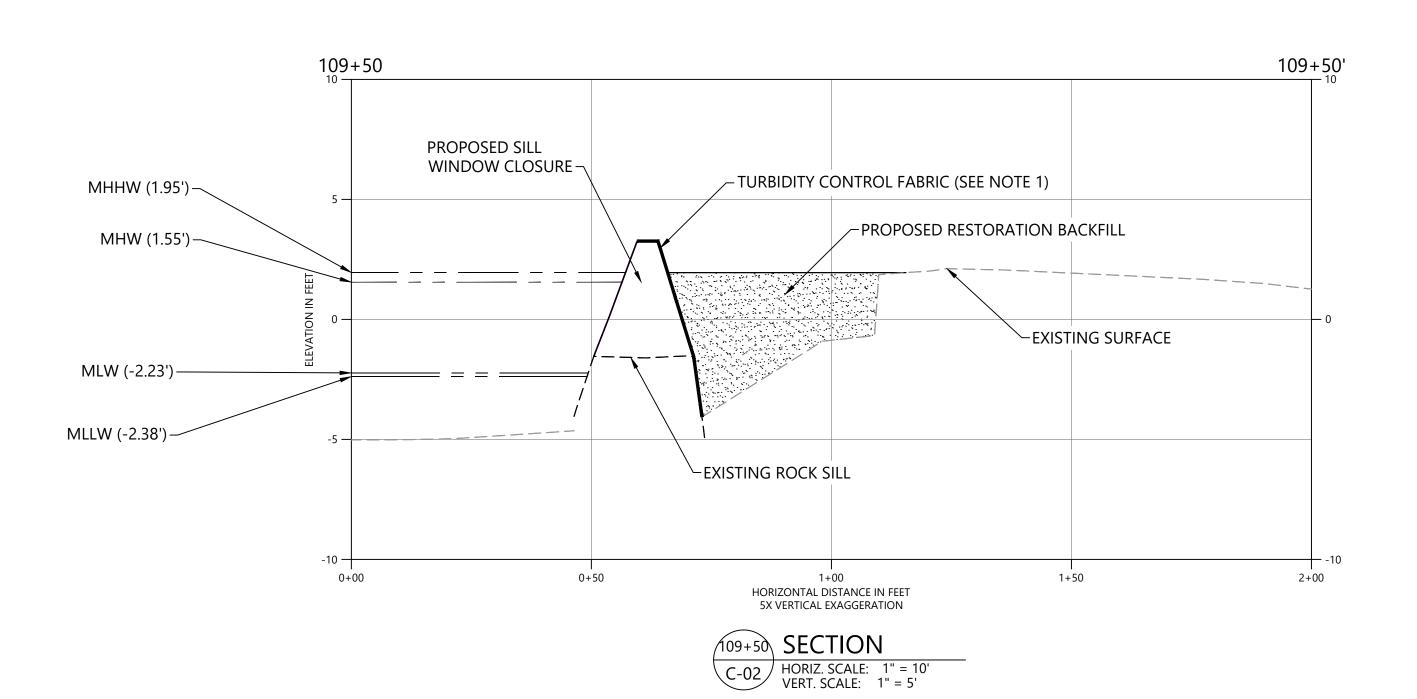


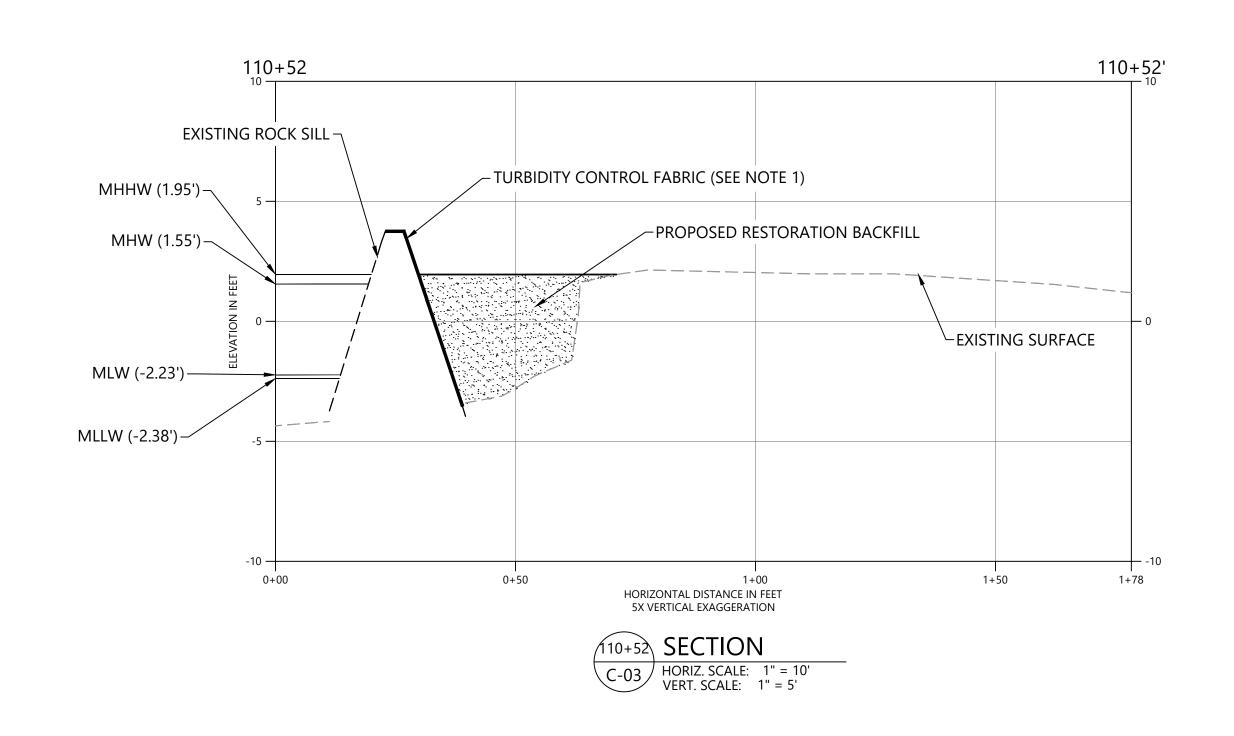












SECURE BIODEGRADABLE EROSION CONTROL BLANKET OVER SILL CREST AND AT INTERIOR TOE OF SLOPE.

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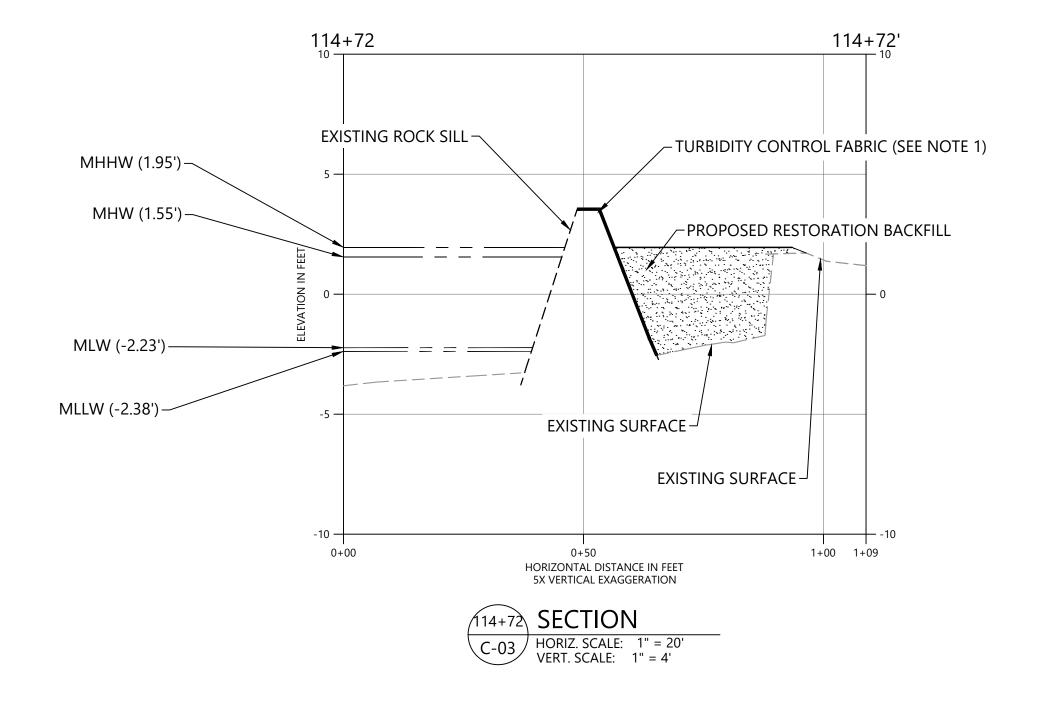
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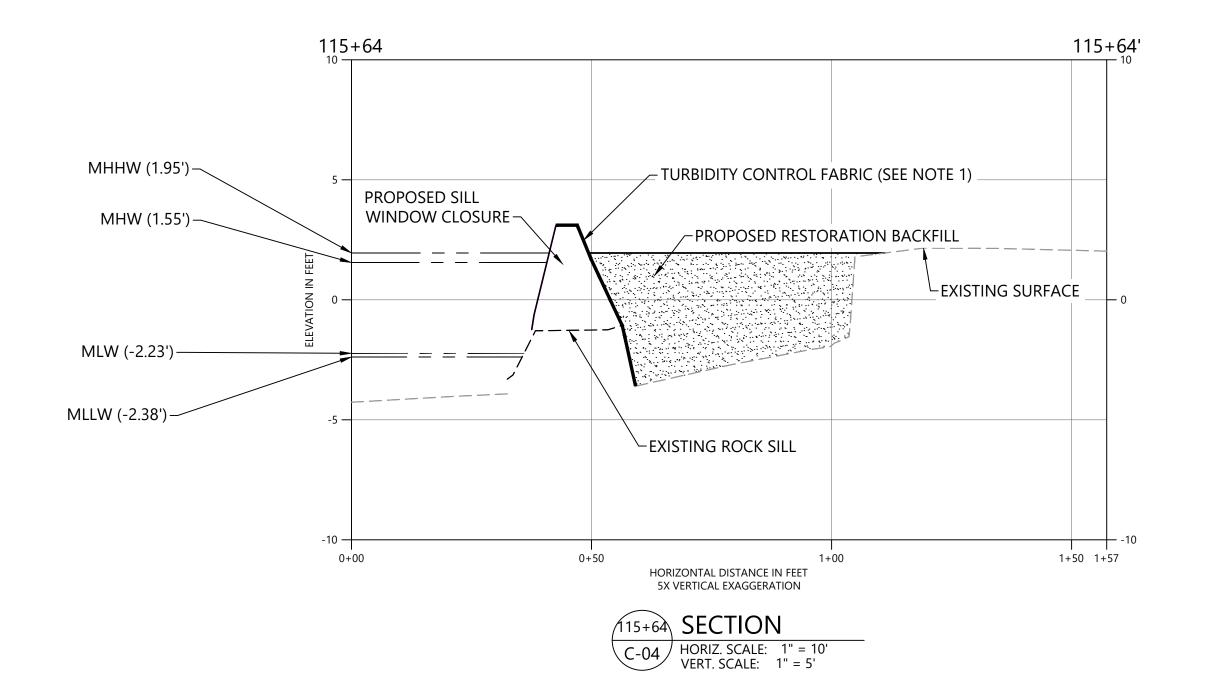
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	CITY OF OCEAN CITY, NJ

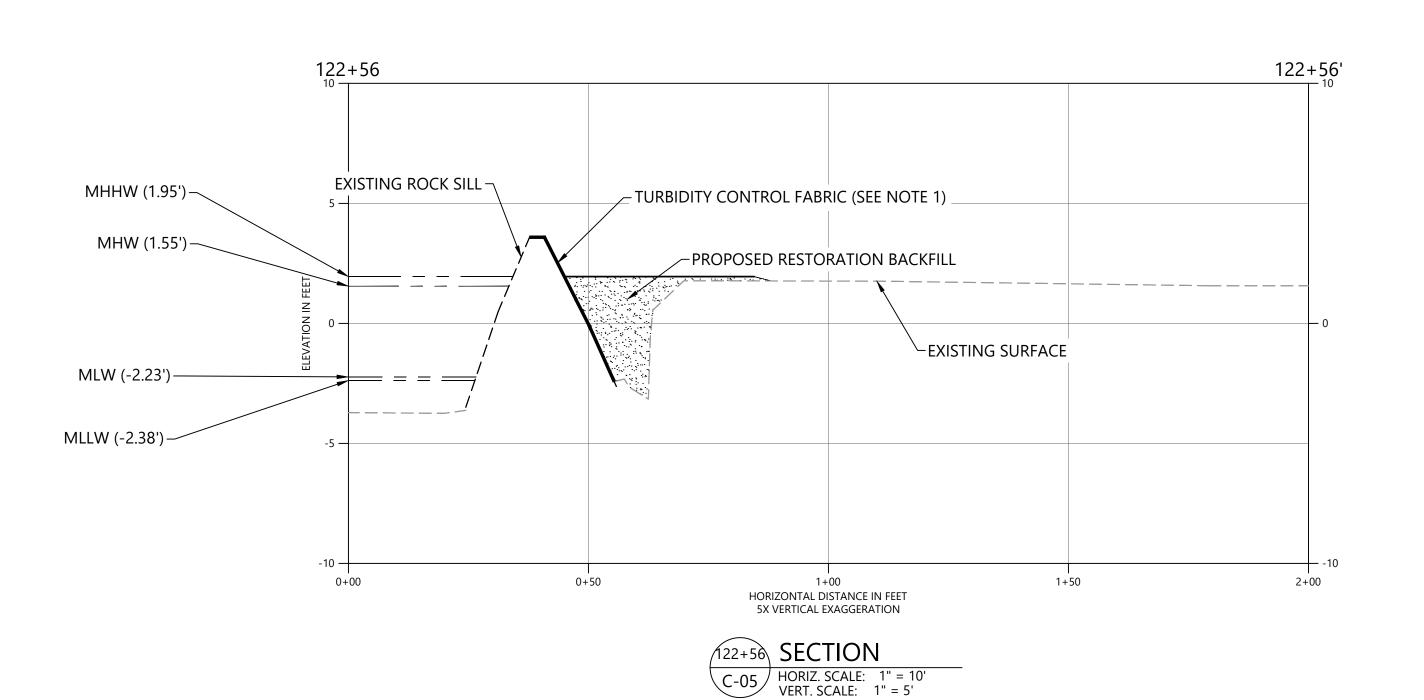
PHASE 2 BACKFILL CROSS SECTIONS

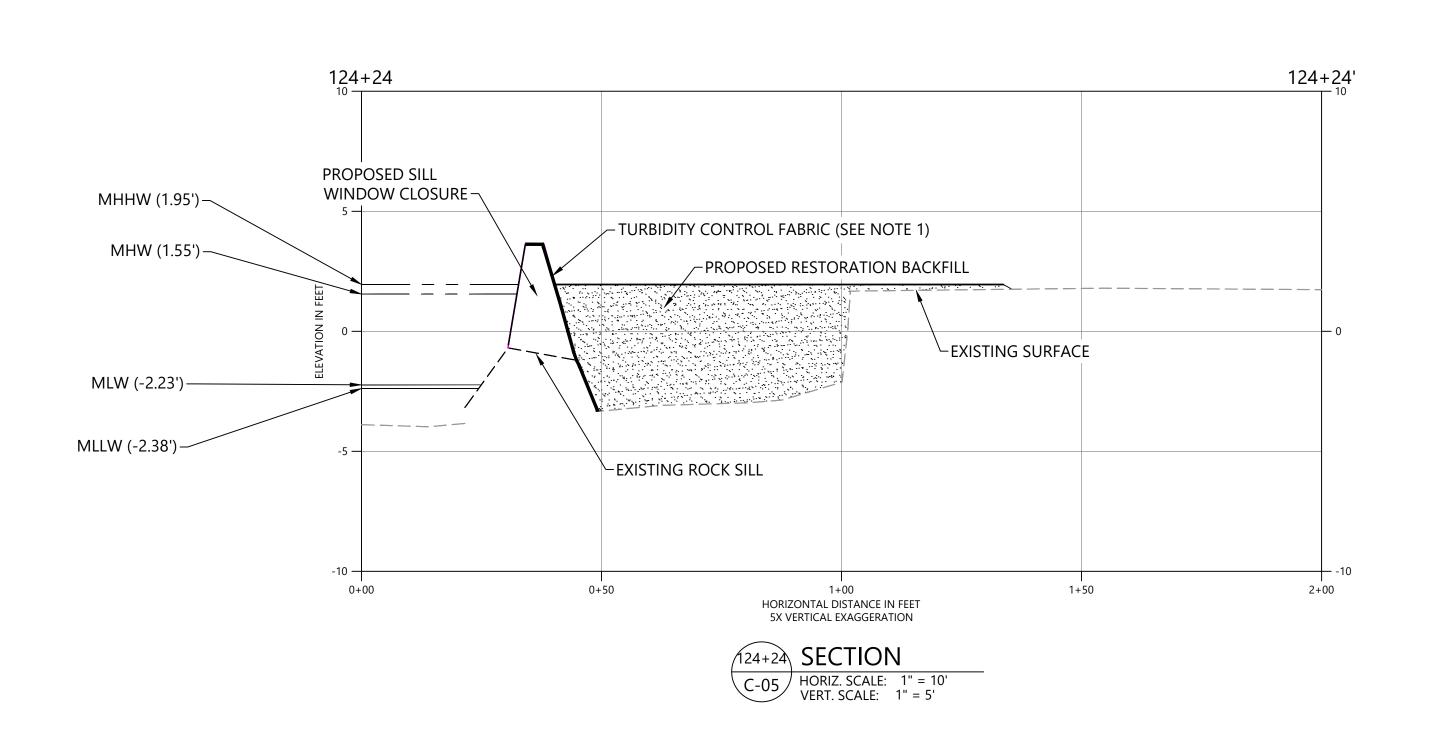
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SHEET NO. 10 OF 21









APPROVED BY: R. MOHAN

SCALE: AS NOTED

DATE: NOVEMBER 2019

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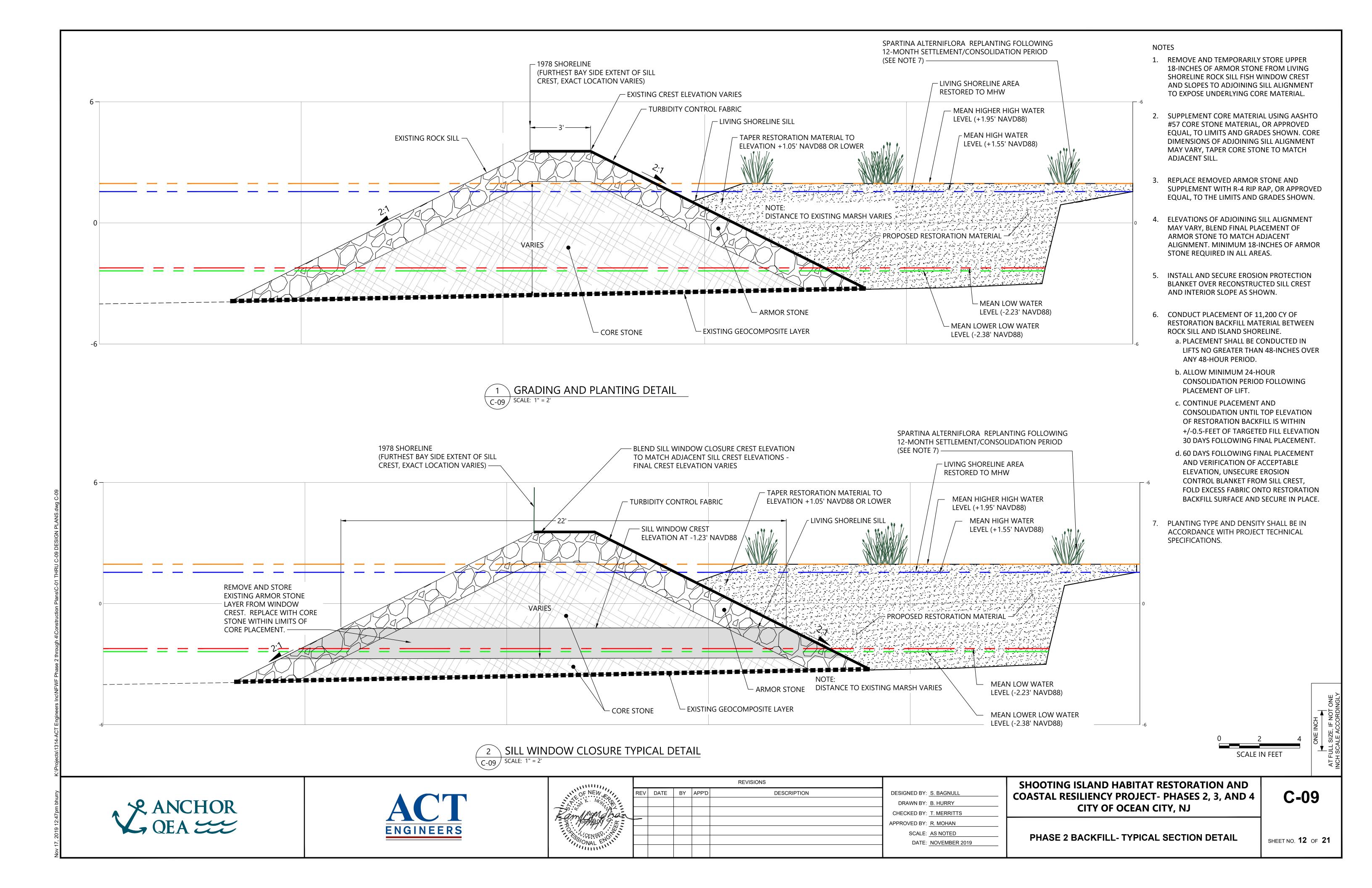
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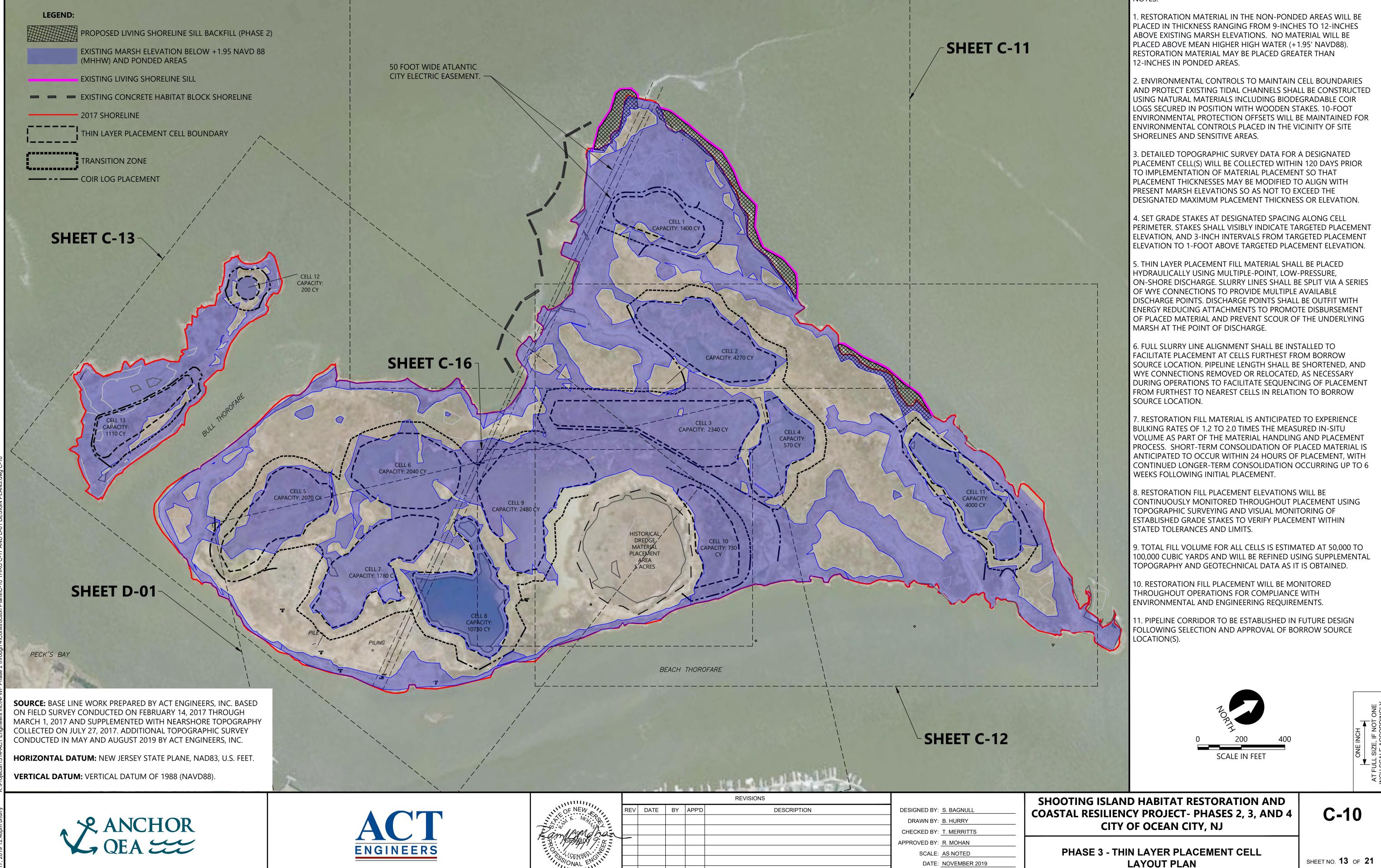
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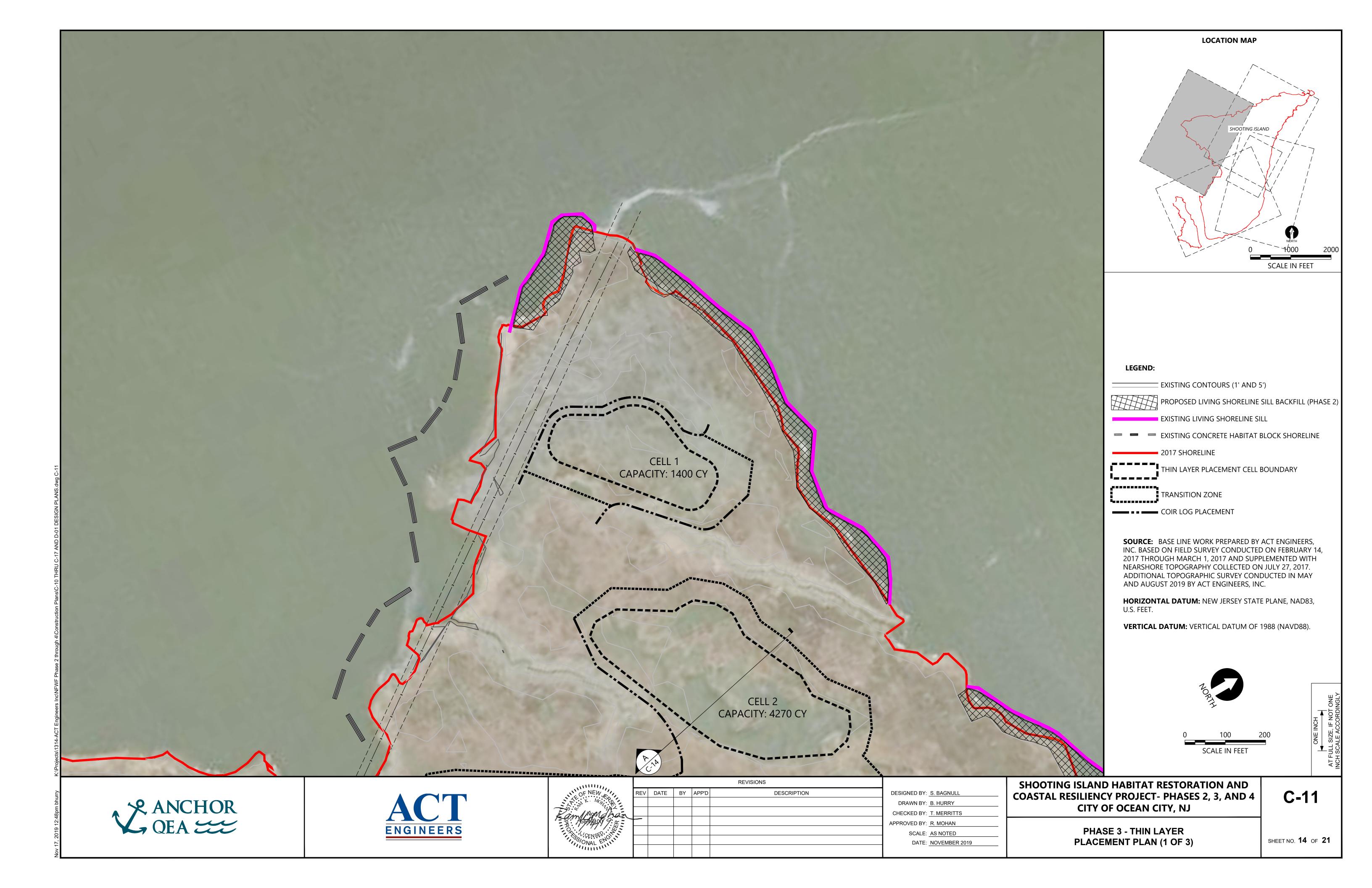
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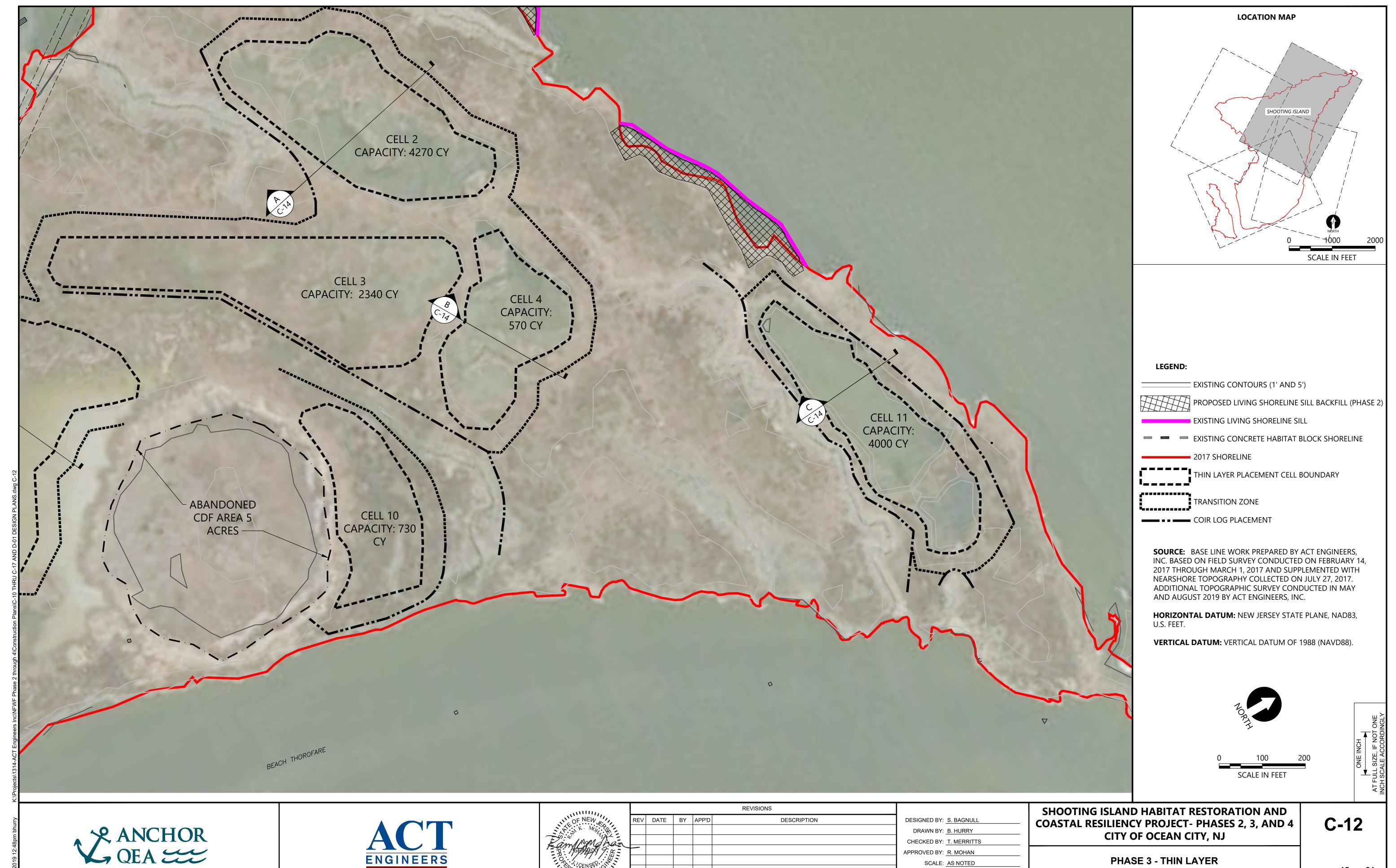
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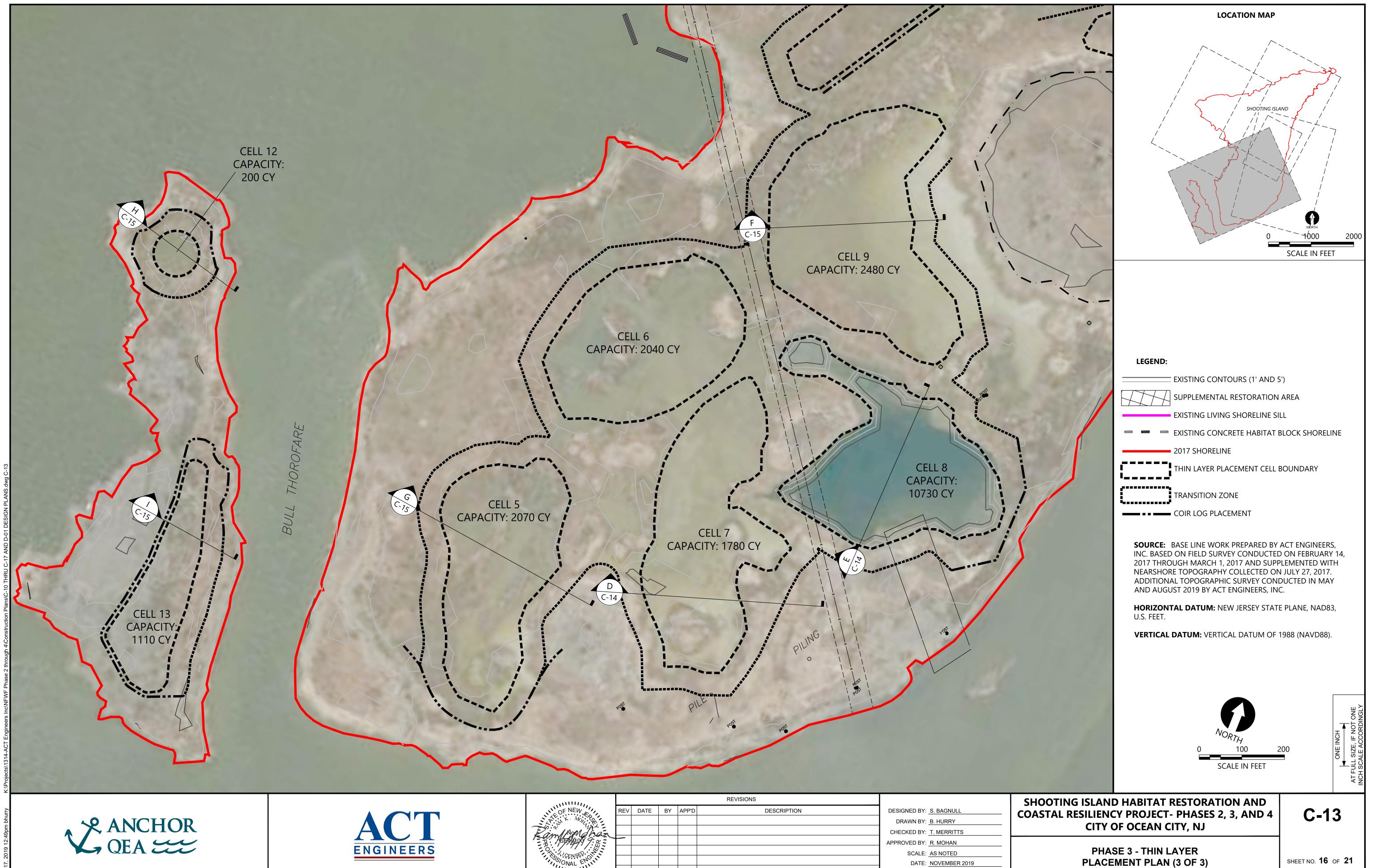


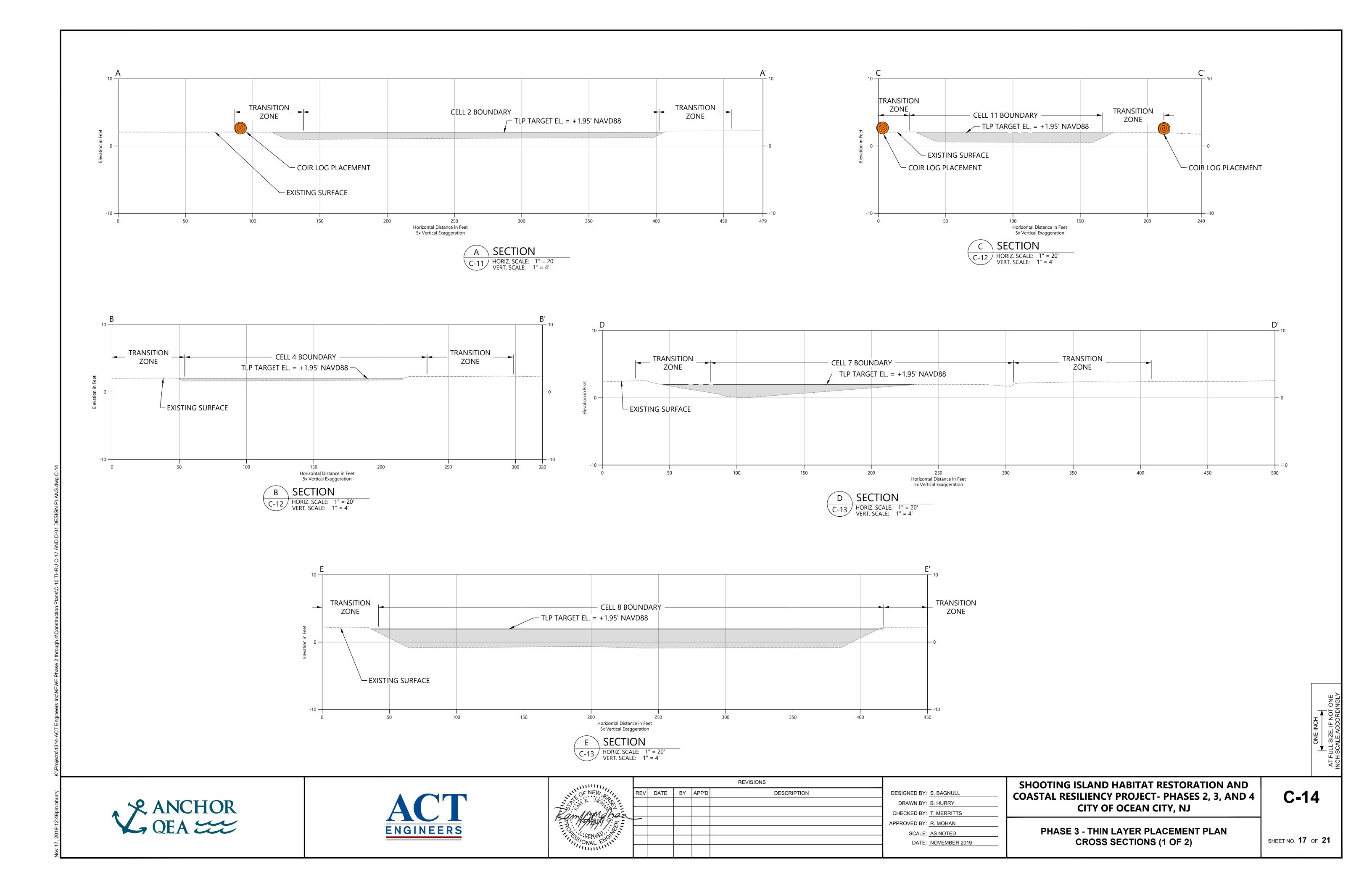
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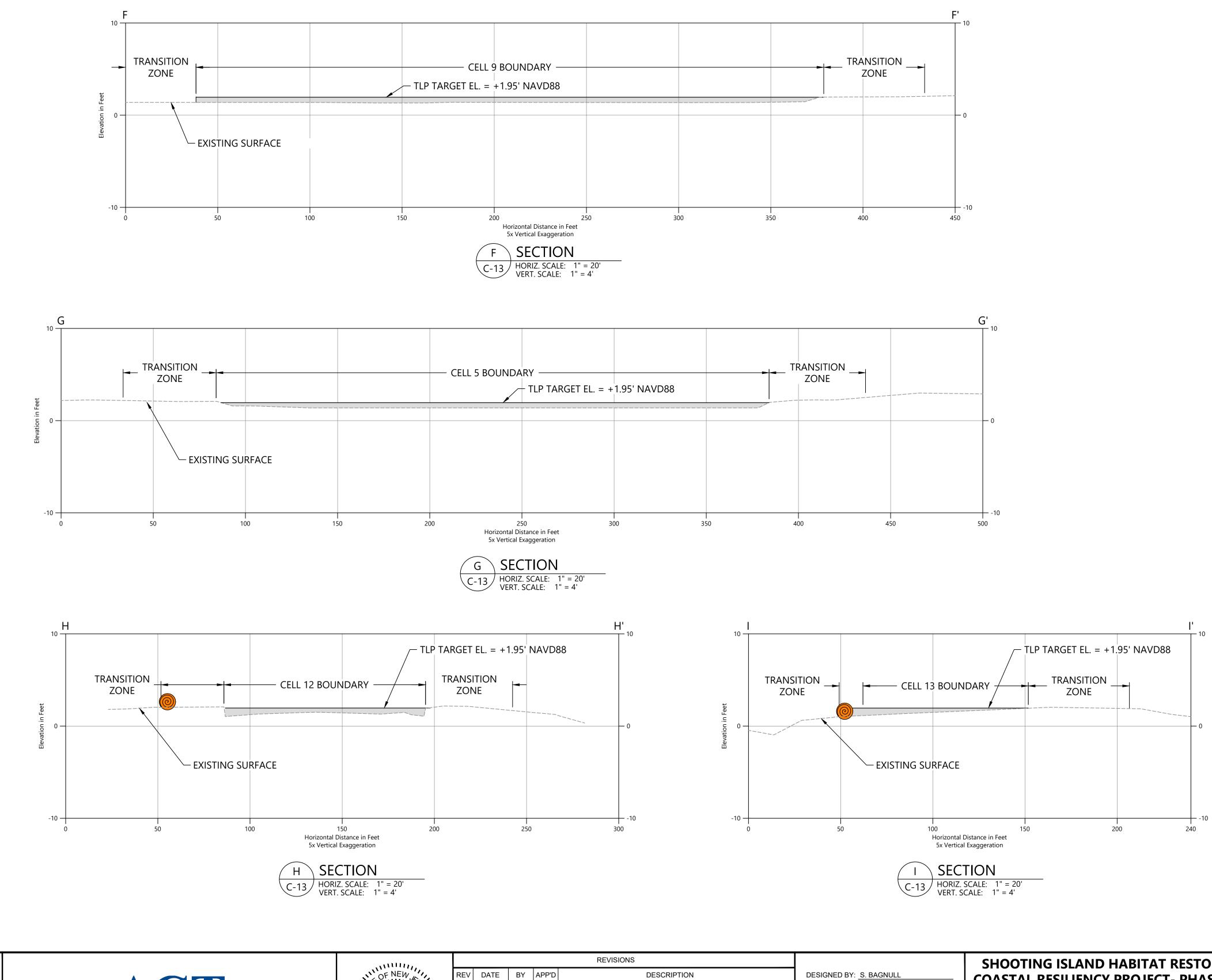
PHASE 3 - THIN LAYER PLACEMENT PLAN (2 OF 3)

DATE: NOVEMBER 2019

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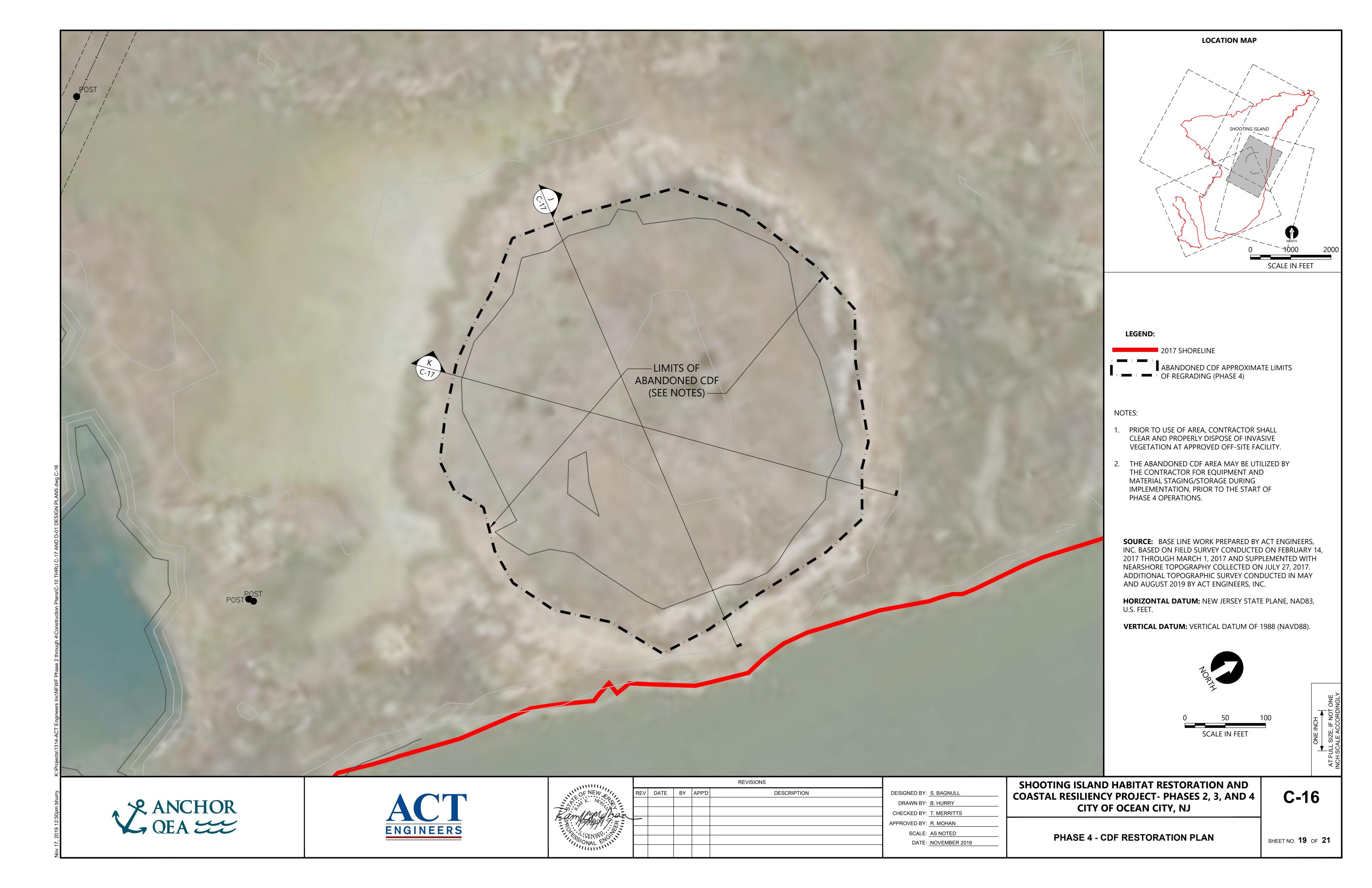


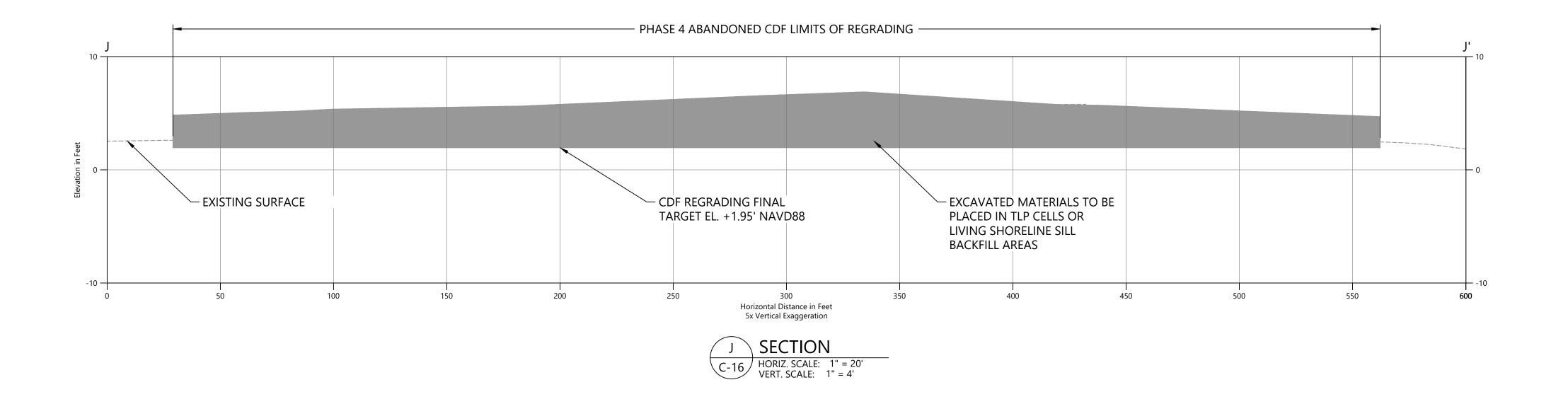
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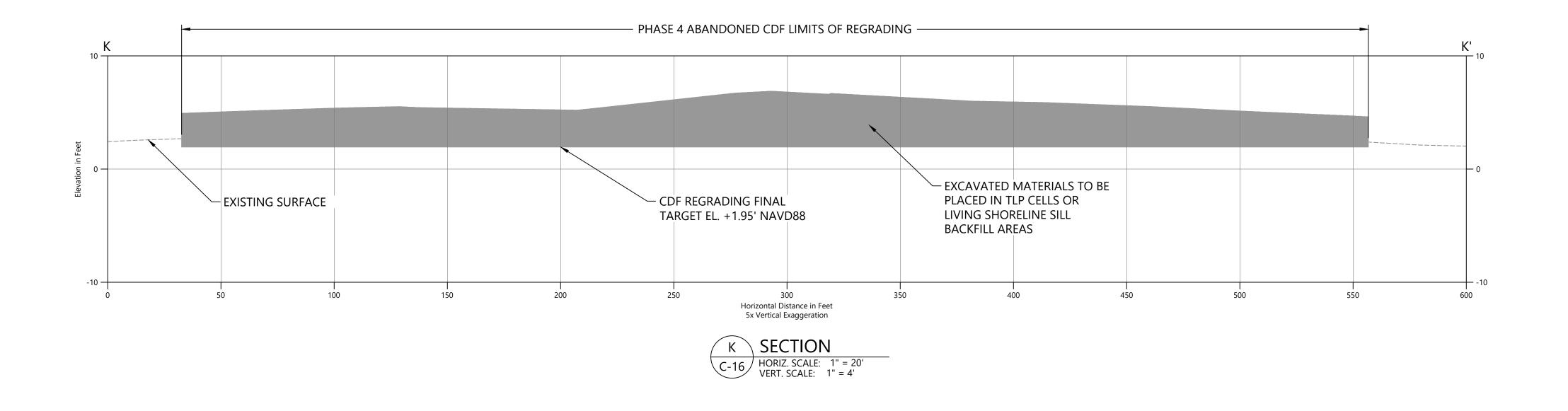
SHOOTING ISLAND HABITAT RESTORATION AND COASTAL RESILIENCY PROJECT- PHASES 2, 3, AND 4 CITY OF OCEAN CITY, NJ

PHASE 3 - THIN LAYER PLACEMENT PLAN CROSS SECTIONS (2 OF 2) C-15

SHEET NO. 18 OF 21







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SHOOTING ISLAND HABITAT RESTORATION AND COASTAL RESILIENCY PROJECT- PHASES 2, 3, AND 4 CITY OF OCEAN CITY, NJ

DESIGNED BY: S. BAGNULL

DRAWN BY: B. HURRY

CHECKED BY: T. MERRITTS

SCALE: AS NOTED

DATE: NOVEMBER 2019

APPROVED BY: R. MOHAN

PHASE 4 - CDF RESTORATION CROSS SECTIONS

C-17

SHEET NO. 20 OF 21

