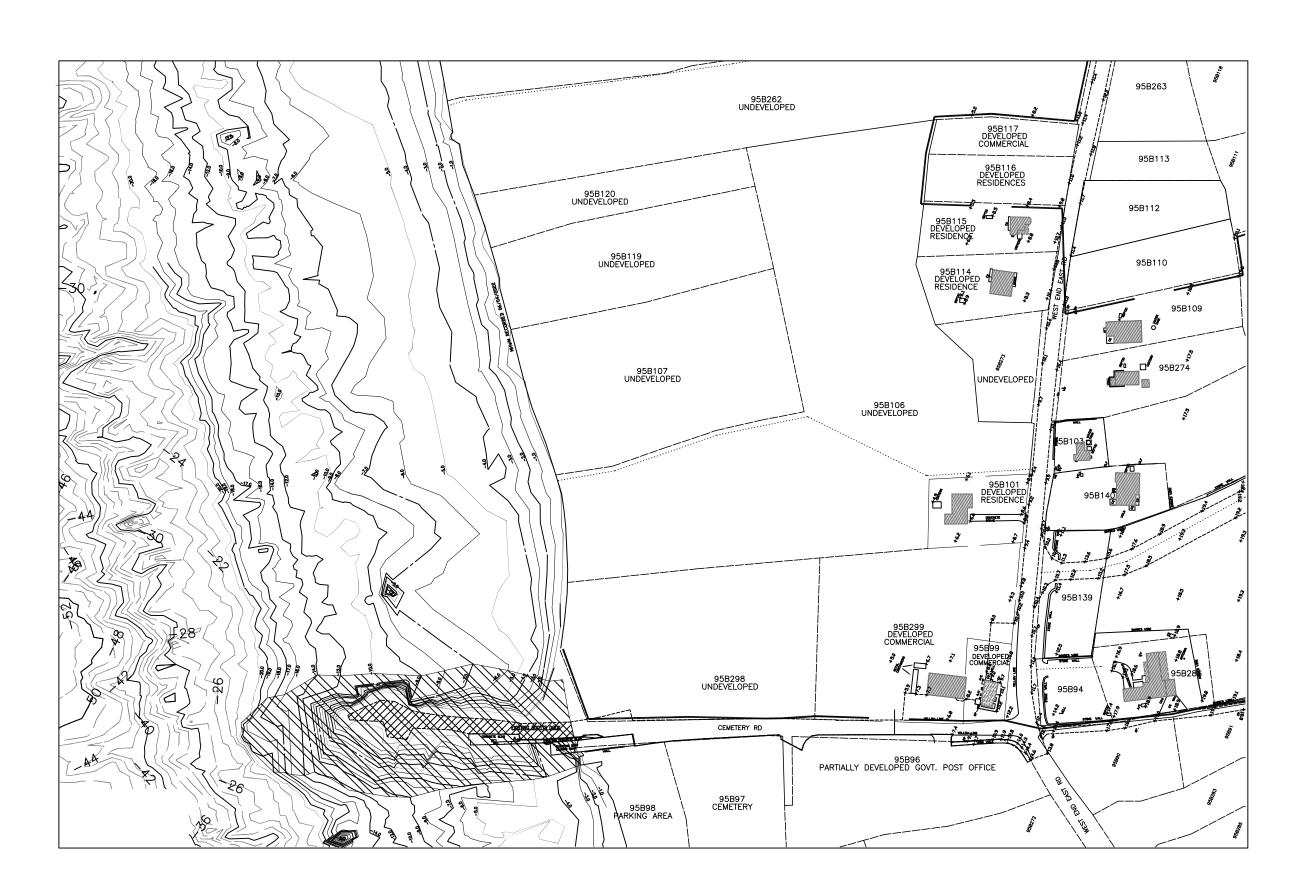
# PORT ZEUS MARINA AND REHABILITATION OF SCOTTS DOCK PROJECT, CAYMAN BRAC

## CIVIL ENGINEERING DRAWINGS







PROPOSED BREAKWATER, CHANNEL AND SCOTTS DOCK REHABILITATION

### TABLE OF APPROXIMATE QUANTITIES

VOLUMES AND AREAS:					
AREA DESIGNATION		FOOTPRINT (SF)	PLACED FILL VOLUME (CY)	EXCAVATION VOLUME (CY)	DREDGE EXCAVATION (CY)
A	ARMOR STONE EAST BREAKWATER	19,288	4,901	-	_
В	CONCRETE EAST BREAKWATER	21,158	11,691 *	-	_
C	ONSHORE CHANNEL EXCAVATION	31,216	-	22,900	_
D	INCREASE HEIGHT OF SCOTTS DOCK	16,648	1,700 *	_	_
Е	REMOVAL OF SCOTTS DOCK FILL & SUBMERSED FILL	59,046	_	10,276 #	_
F	DREDGING BELOW EXISTING SCOTTS DOCK SUBMERSED FILL	47,128	_	<del>-</del>	6,574
G	DREDGING TO UNDISTURBED SEABED	28,305	_	_	6,698
	<ul><li>★ INCLUDES REINFORCED CONCRETE SLAB</li><li># EXISTING SCOTTS DOCK PLACED ROCK TO SEABED</li></ul>	TOTALS:	18,320	33,176	13,272

DRAW	NG REGISTRY
CIV00	PROJECT COVER SHEET
CIV01	BATHYMETRIC AND TOPOGRAPHIC CONTOURS
CIV02	EXISTING SITE PLAN
CIV03	PROPOSED WORKS PLAN (RENOVATION AND MARINA)
CIV04	DESIGNATED WORK ZONES APPROX. AREAS & VOLUMES
CIV05	PROPOSED COASTAL WORKS AREAS
CIV06	<b>ELEVATION &amp; X-SECTIONS, SCOTTS DOCK FINGER PIER</b>
CIV07	ELEVATION & X-SECTION FOR BREAKWATER
CIV08	DESIGNATED PHASED WORK ZONES
CIV09	CONSTRUCTION PHASING PLAN
CIV10	BENTHIC SURVEY
CIV11	CIVIL ENGINEERING SPECIFICATIONS
CIV12	FRAMING PLAN AND WALE DETAILS (SD)
CIV13	SHEET PILE AND TIE ROD DETAILS
CIV14	GENERAL SECTIONS AND DETAILS
CIV15	CONCRETE CAP REINFORCEMENT DETAILS
#21602	M ABERNETHY AND ASSOCIATES TOPOGRAPHIC
#22068	M ABERNETHY AND ASSOCIATES BATHYMETRIC

STATUS COASTAL WORKS

. #	DESCRIPTION	DATE



PO BOX 10962
GRAND CAYMAN KY1-1007
CAYMAN ISLANDS

SEAL



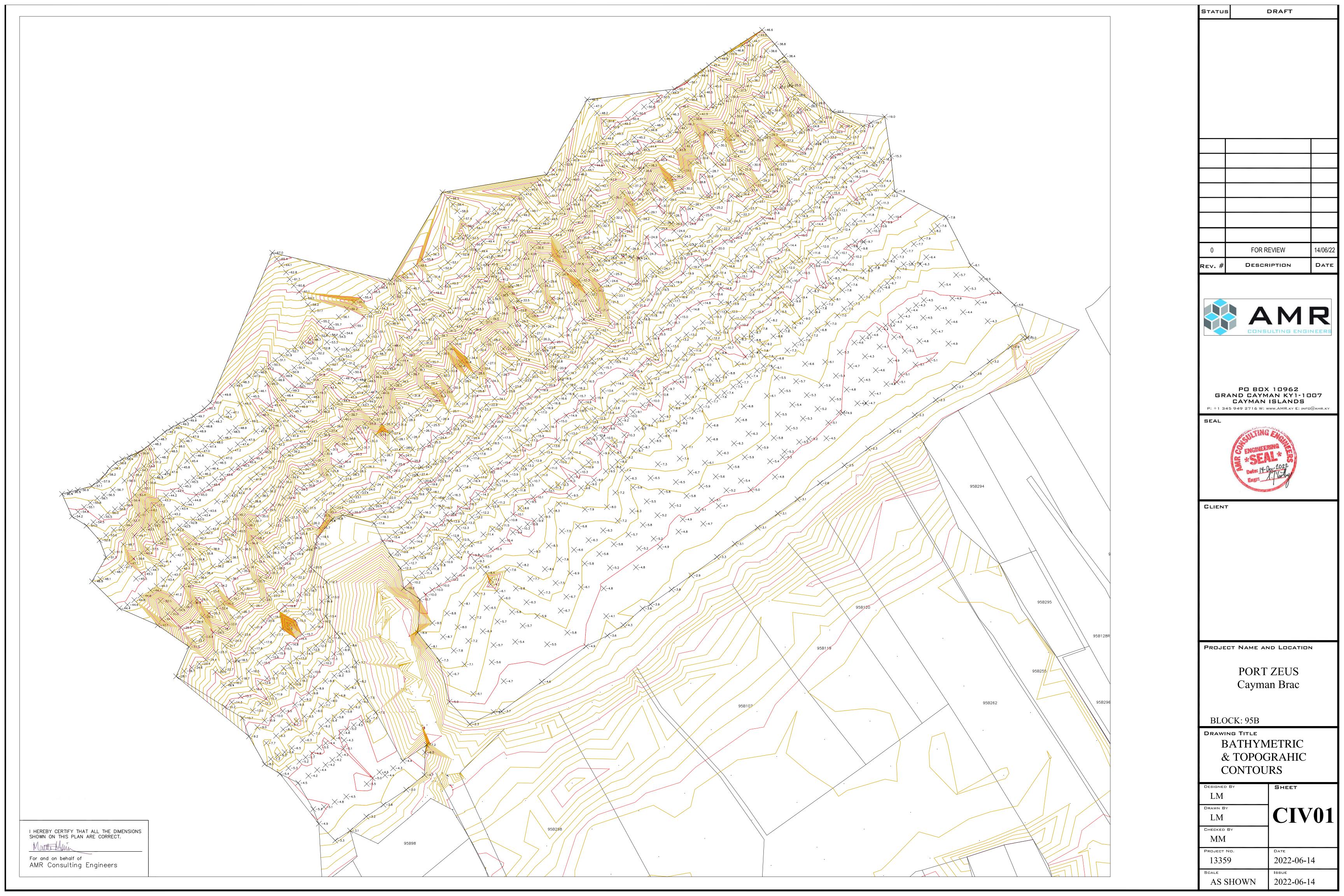
CLIENT:

PROJECT NAME AND LOCATION
PORT ZEUS PROJECT
West End,
Cayman Brac
BLOCK:PARCELS:
95B: 298, 299, 273, 262, 120, 119,
114, 107 & 106

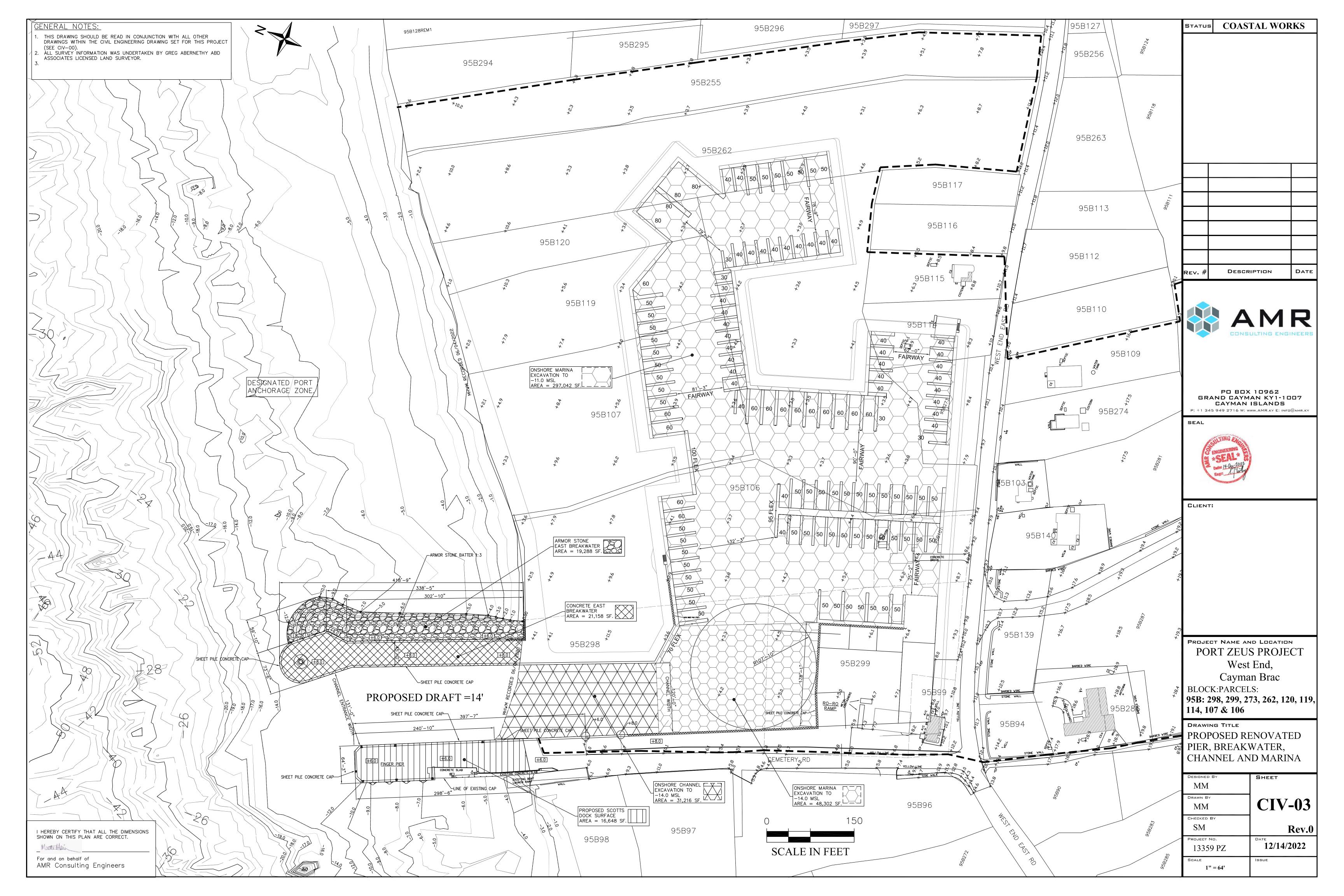
DRAWING TITLE

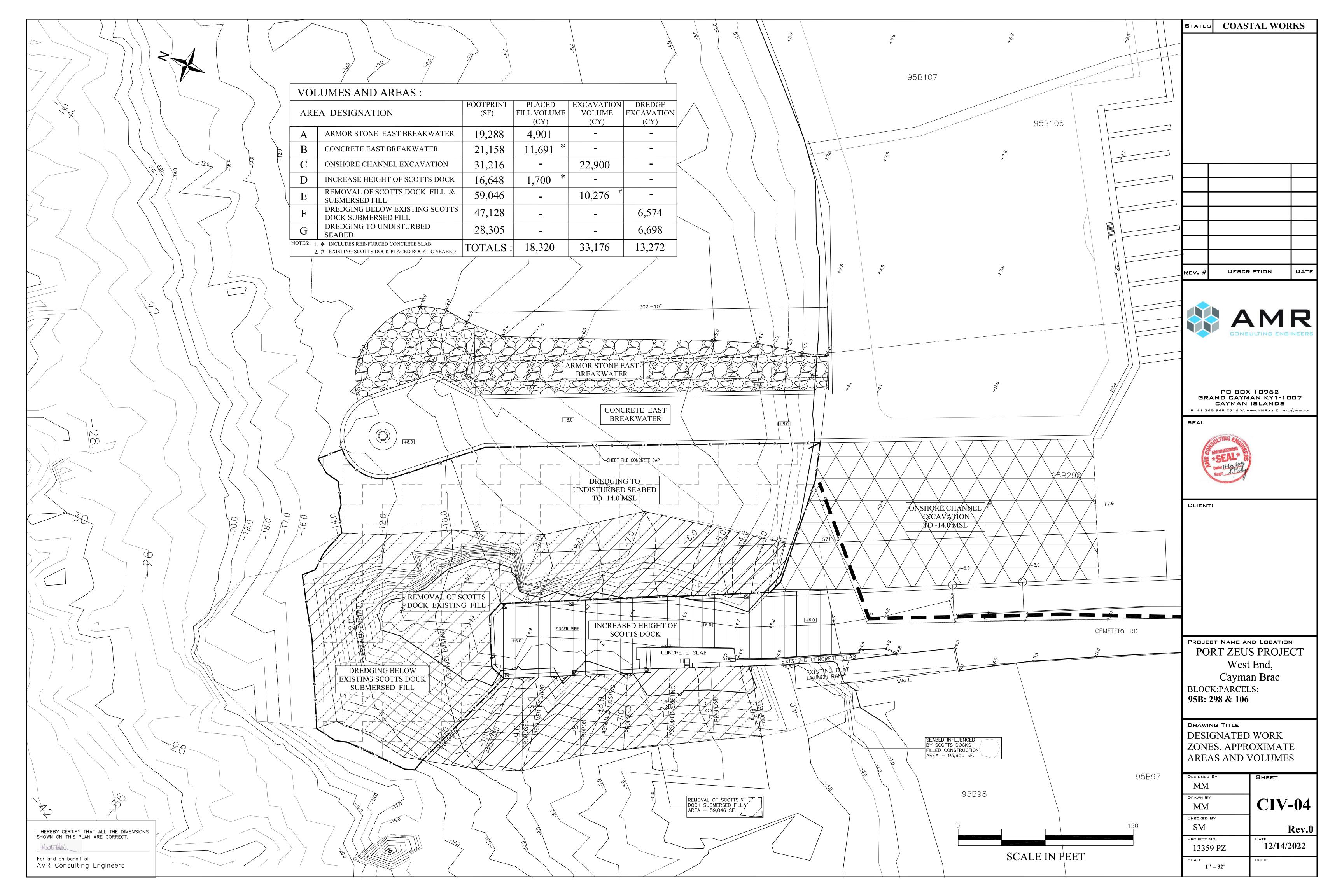
PROJECT COVER SHEET WITH APPROXIMATE QUANTITIES

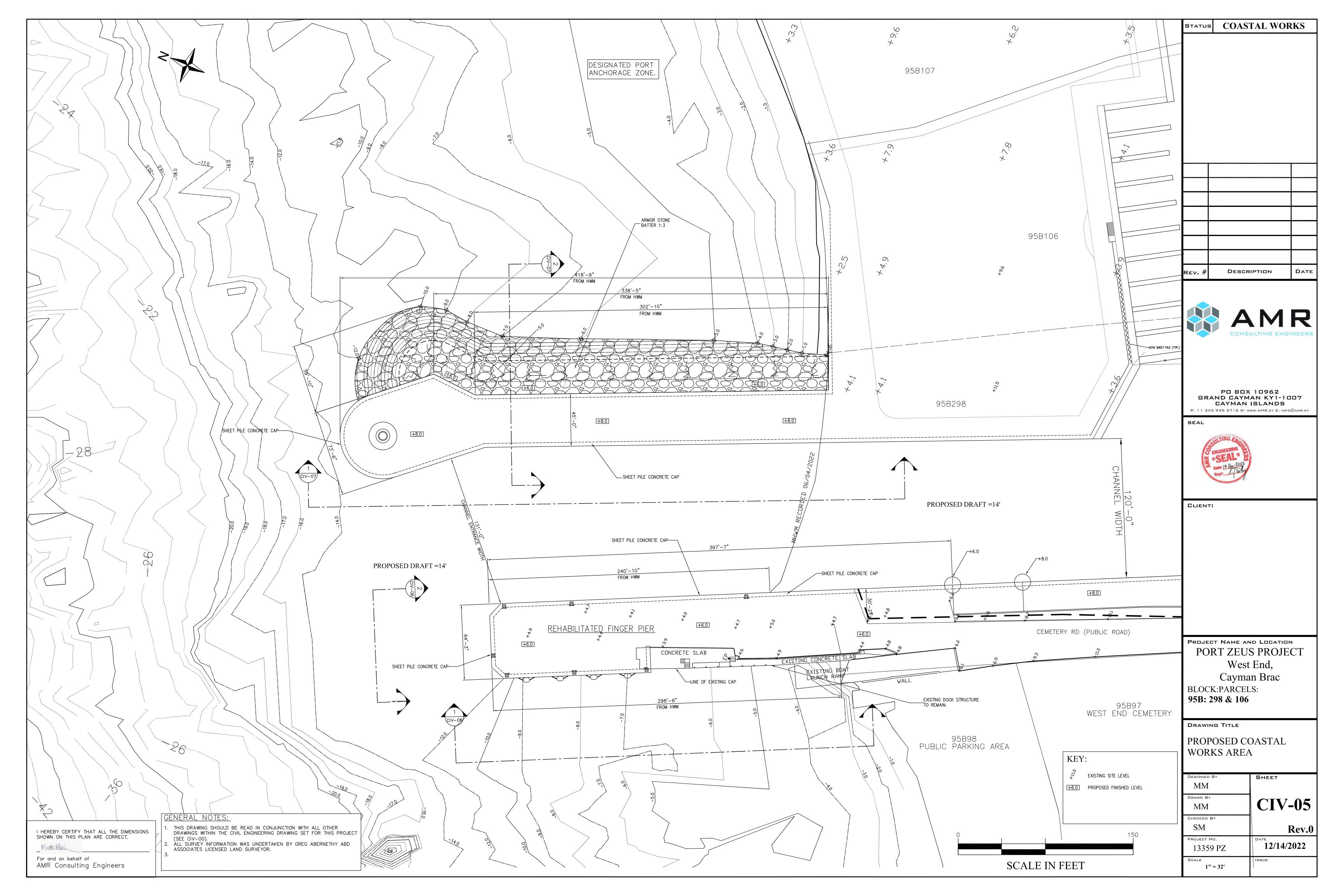
DESIGNED BY  MM	SHEET
DRAWN BY  MM	CIV-00
CHECKED BY SM	Rev.0
PROJECT NO. 13359 PZ	12/14/2022
NOT TO SCALE	Issue

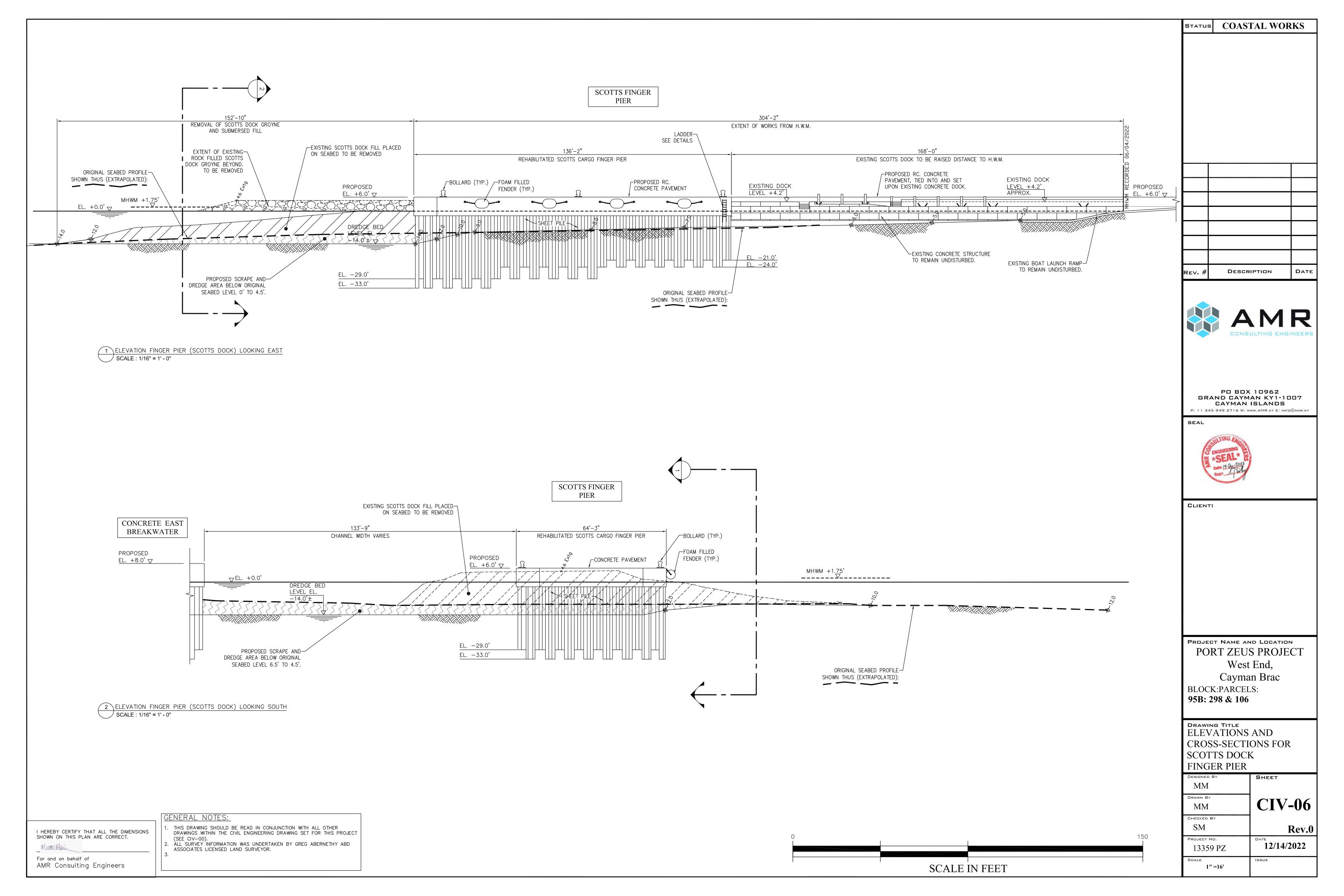


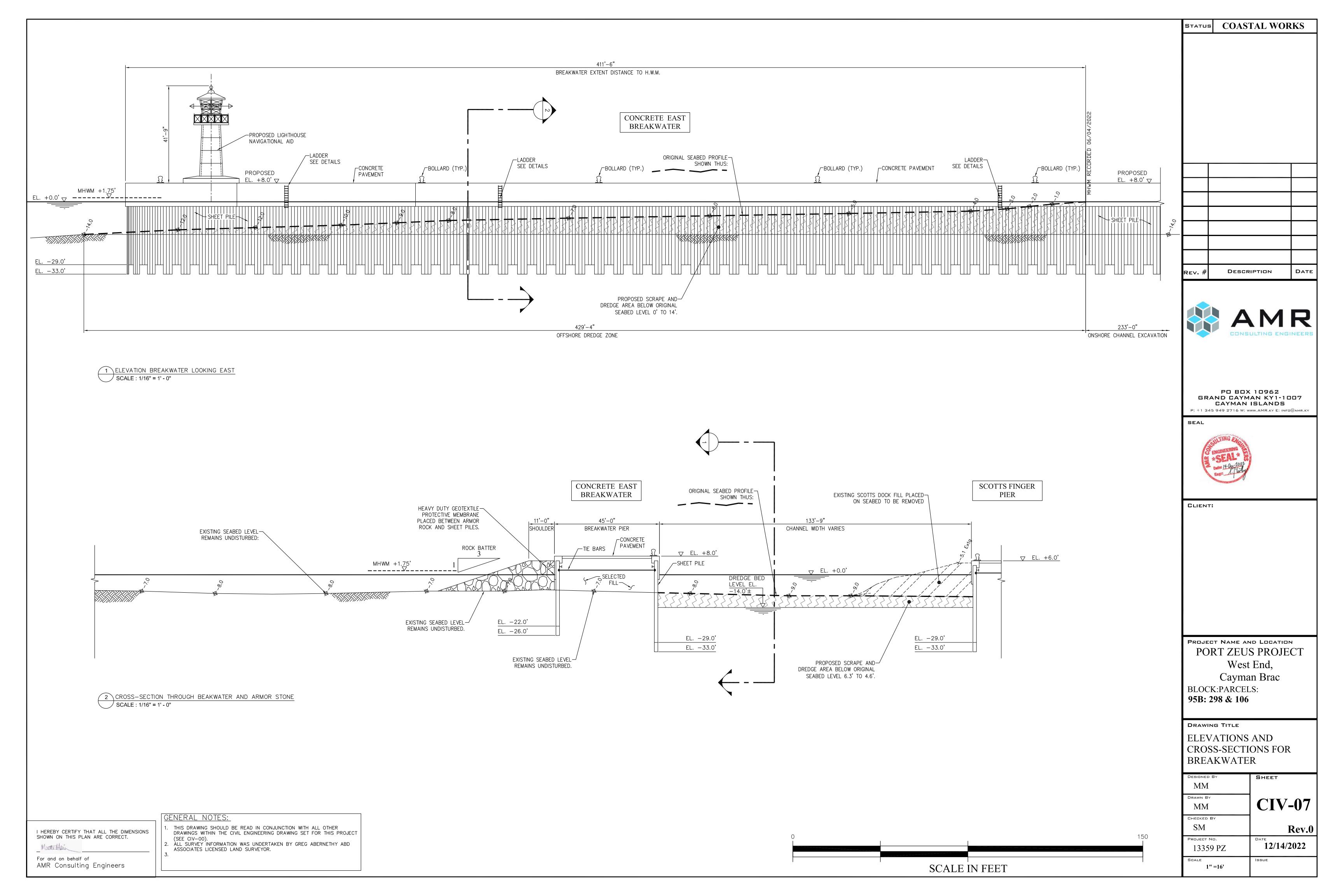


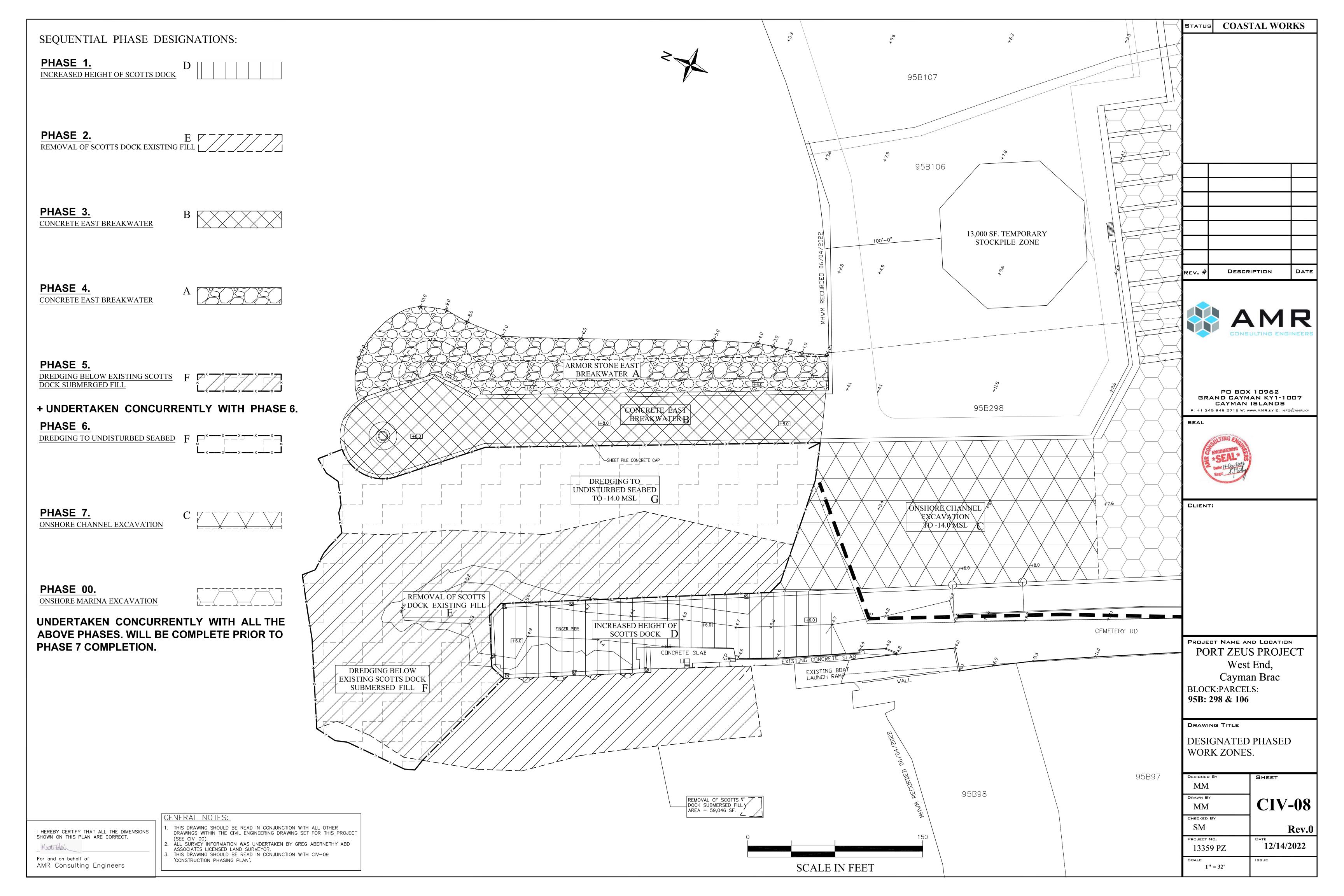


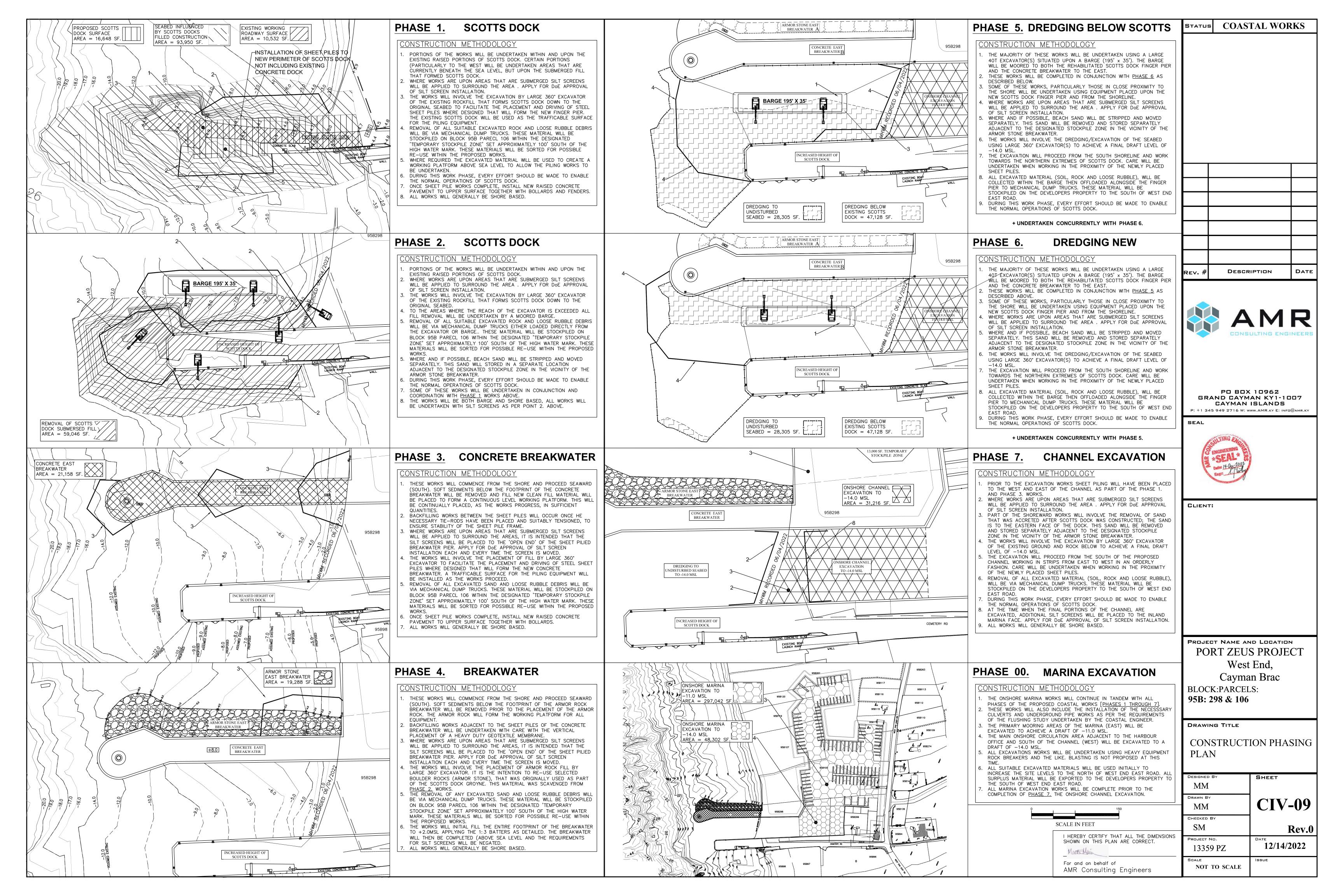


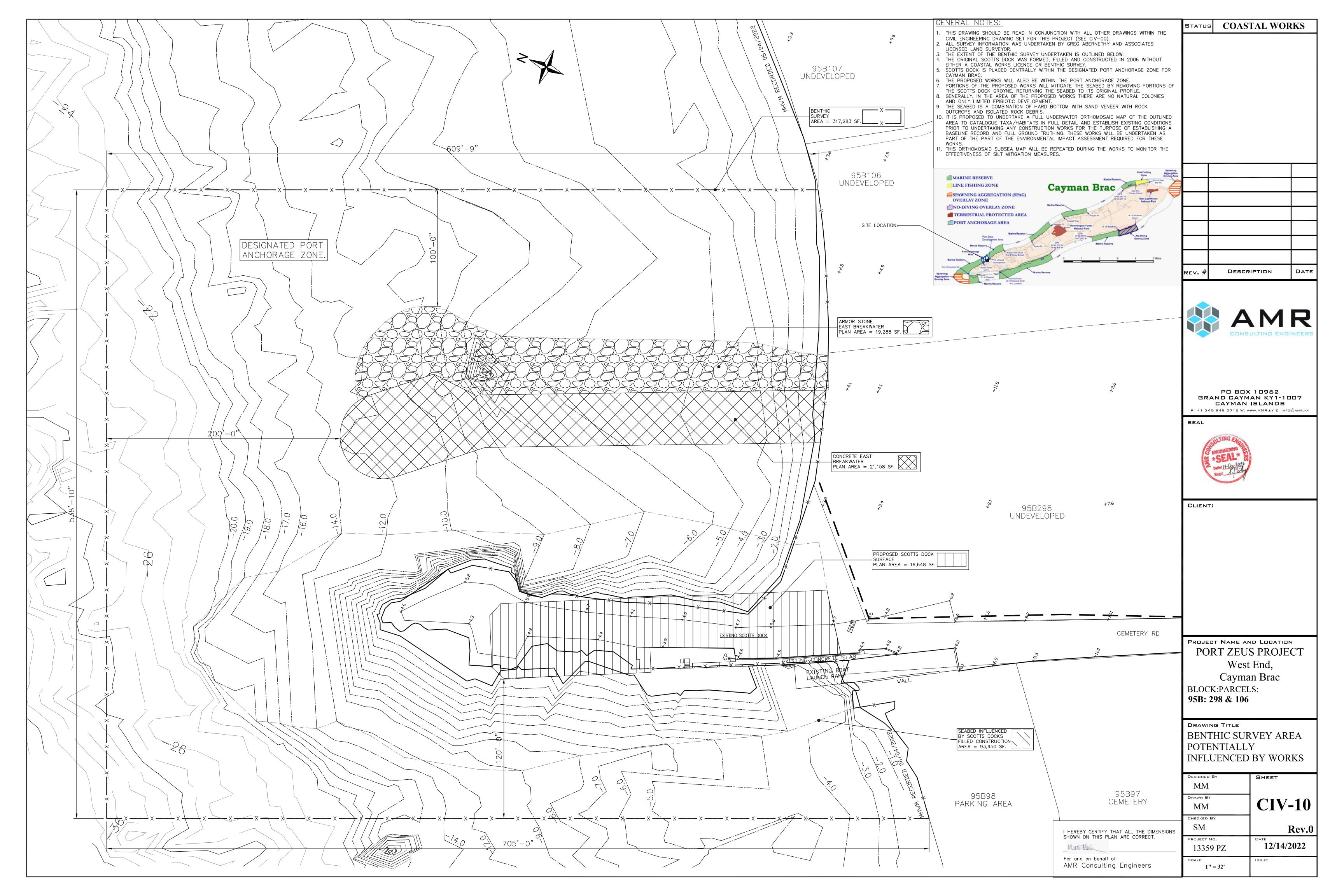












NUISANCE

HEALTH AND SAFETY

The Contractor shall take all possible precautions to avoid causing nuisance by damage,

noise, trespass, dust, smoke and rubbish to the users of adjoining properties and shall

Execute all Works in accordance with the requirements and directions of the Cayman

indemnify the Employer against any claim in this respect.

Islands Government Health and Safety Executive (HSE).

SHEET

**CIV-11** 

12/14/2022

Rev.0

DRAWN BY

SM

SCALE

MM

CHECKED BY

PROJECT NO

13359 PZ

and all other Contractor employed on the site:

tickets) for deliveries, loads moved on site etc).

Type and quantity of material delivered to site (including conditioning water)

(q) Type and quantity of material disposed off site as direct by the Engineer

The site diary and record shall be submitted daily to the Engineer (including truck

(a) Labor and machinery in attendance

Names of visitor to the site

(e) Variations to the Works

f) ny other matter arising

Weather

Before any excavation or site strippin is started, the Contractor shall, in conjunction with

the Engineer, check the level survey plan provided, and shall provide the Engineer with a

signed copy of the plan showing the agreed levels. The levels shall be taken and agreed

The Contractor shall keep a record to be agreed with the Engineer of all soft spots and

volumes of unsuitable material removed from site, as well as existing excavations and

The Contractor in conjunction with the Engineer shall carry out level survey of the fill

The Contractor shall keep a record to be agreed with the Engineer of all material

Re-leveling of surfaces if required shall be at the Contractor's expense.

The Contractor in conjunction with the Engineer will carry out a level survey of the

approved formation prior to filling.

exported and imported to the site.

(b) A graph of density plotted against moisture content from which each value of

(d) The Contractor shall confirm to the Engineer the source(s) of fill proposed and

confirm in writing the quantities available from (each) source. If fill is proposed from

(e) A chemical analysis from an approved laboratory of a minimum of 10 random and

dispersed samples from the proposed stockpile to the chloride content of the proposed

material. Material with a chloride content in excess of 2,500 ppm is not acceptable as

(f) Factor of conversion of fill quantities from tare weight (tonnage) to volume of fill

compacted in place. Please not that volumes of fill material in the measured items

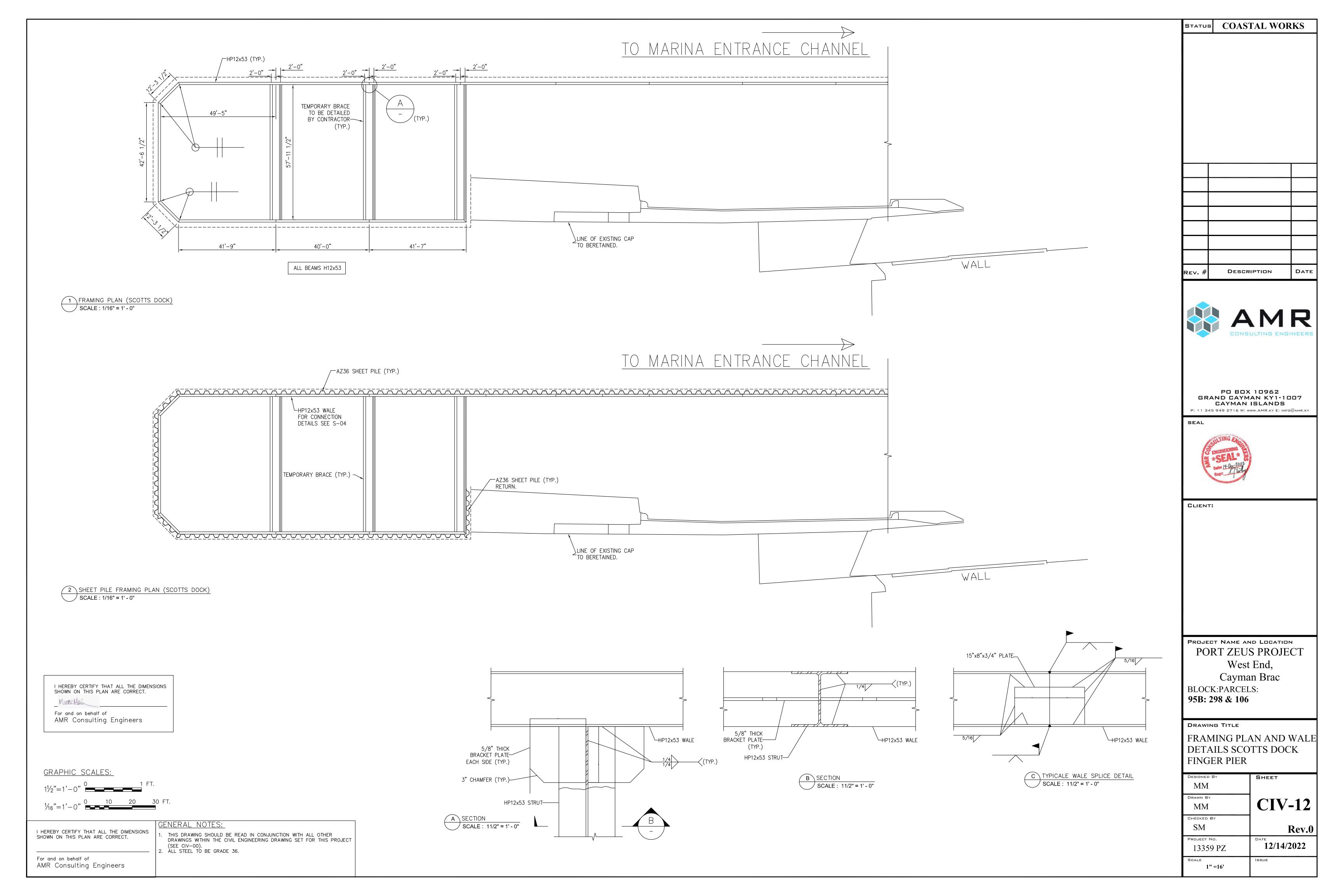
maximum dry density and optimum moisture was obtained

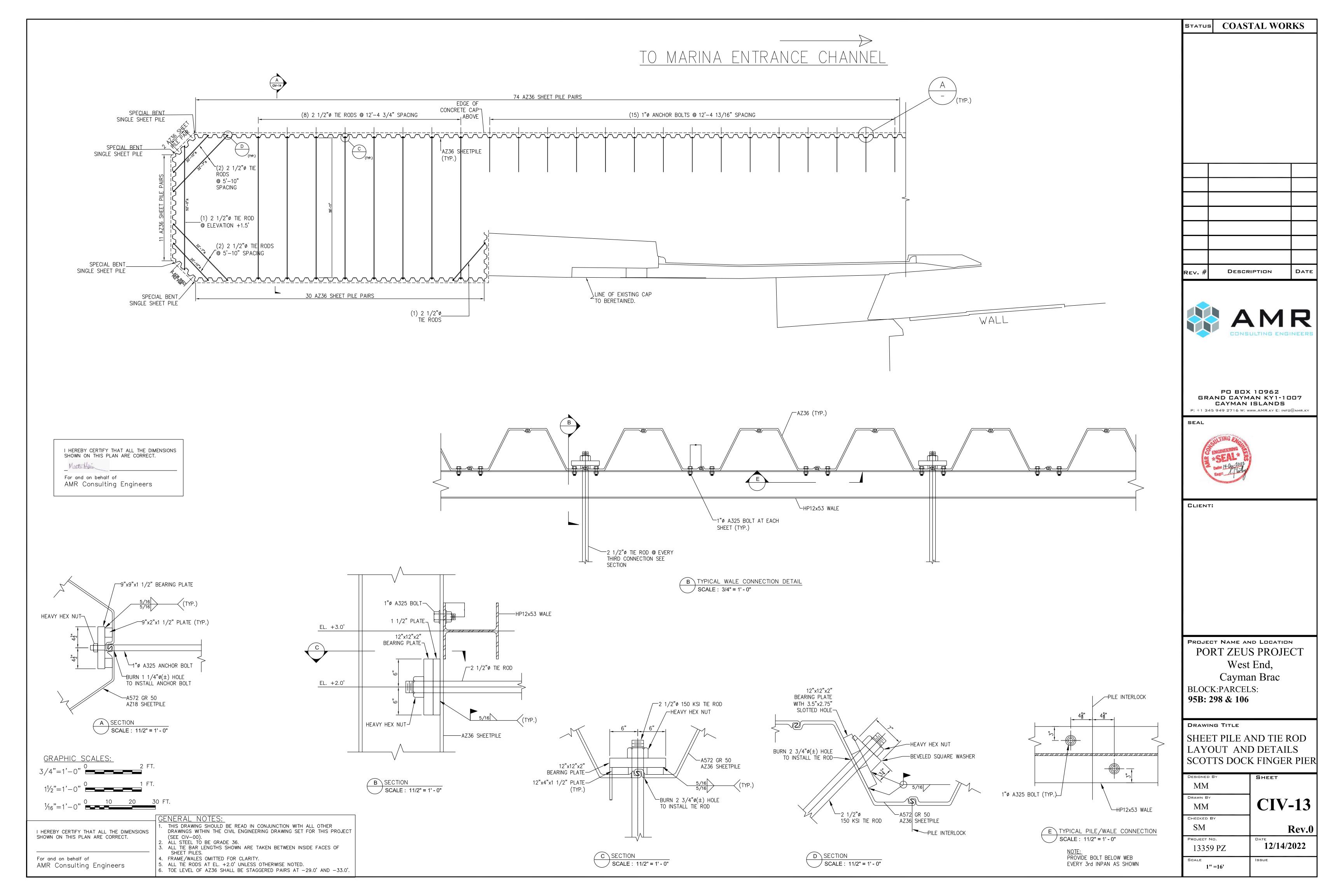
(c) A sieve analysis of the material tested (washed sieve).

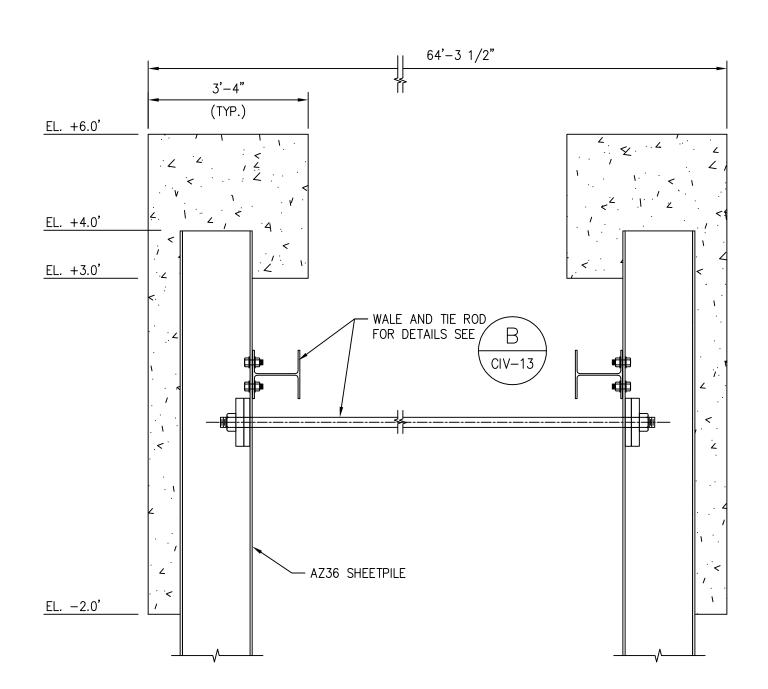
section (if provided) is based on the latter.

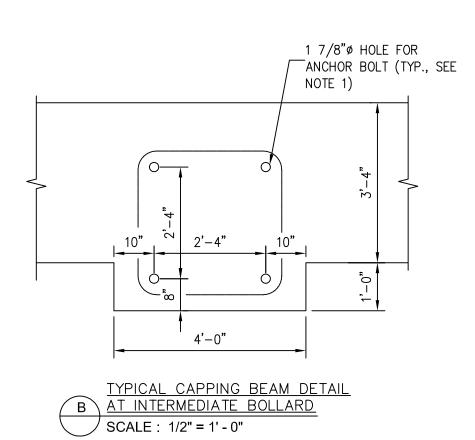
fill for this project.

different sources, the fill from each source shall be tested as above.



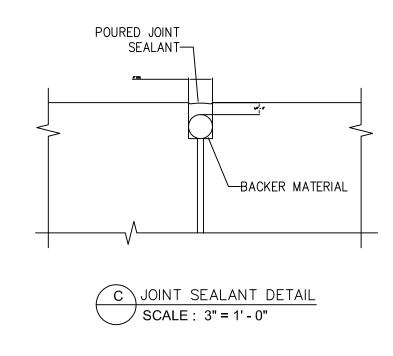






A SECTION

SCALE: 1/2" = 1' - 0"



STATUS COASTAL WORKS

EV. # DESCRIPTION DATE



PO BOX 10962
GRAND CAYMAN KY1-1007
CAYMAN ISLANDS
P: +1 345 949 2716 W: www.AMR.KY E: INFO@AMR.KY

SEAL



CLIENT:

PROJECT NAME AND LOCATION
PORT ZEUS PROJECT
West End,
Cayman Brac
BLOCK:PARCELS:

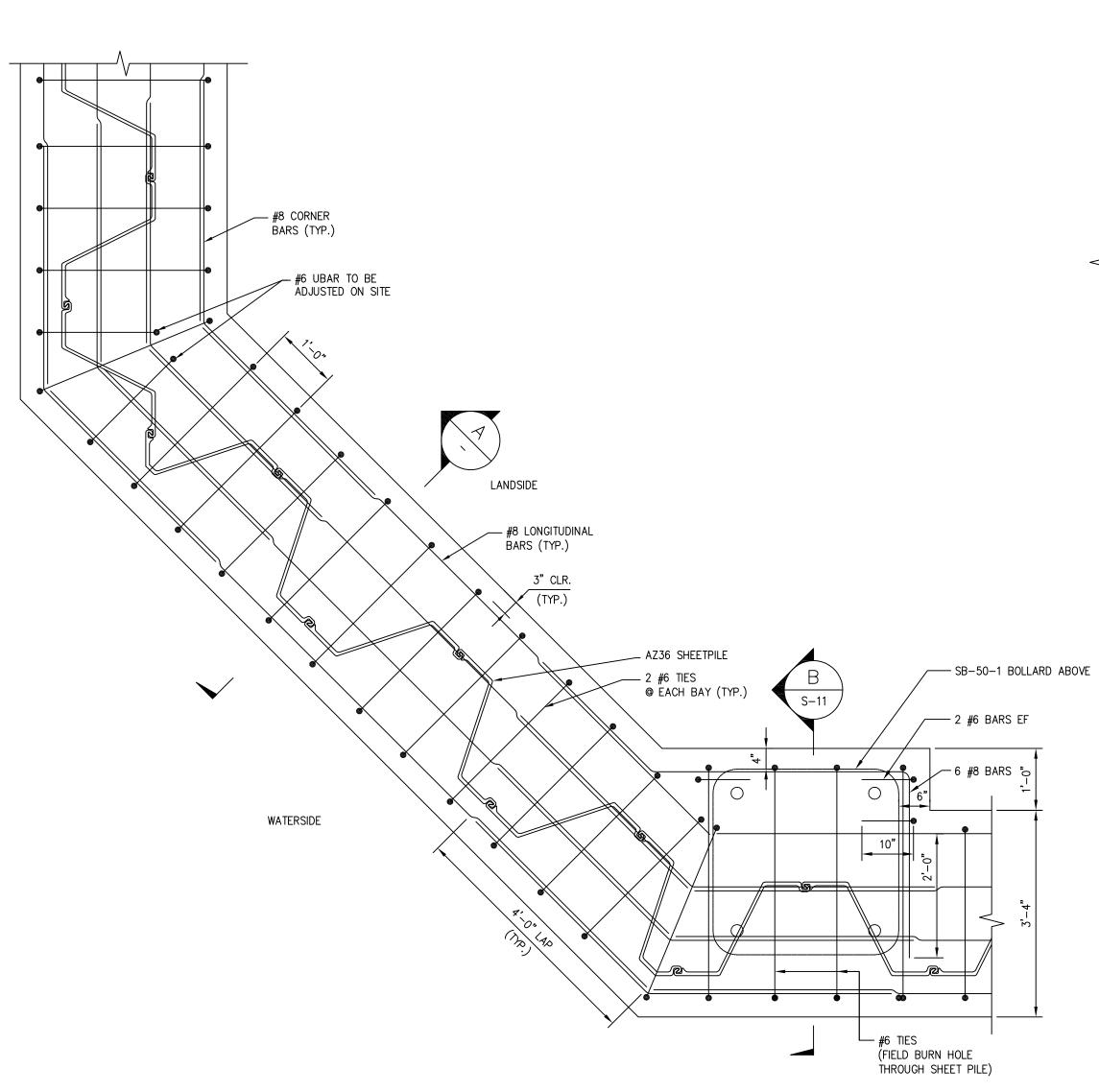
DRAWING TITLE

GENERAL SECTIONS AND DETAILS SCOTTS DOCK FINGER PIER

ESIGNED BY	SHEET
rawn by MM	<b>CIV-14</b>
HECKED BY SM	Rev.0
13359 PZ	12/14/2022
AS SHOWN	ISSUE

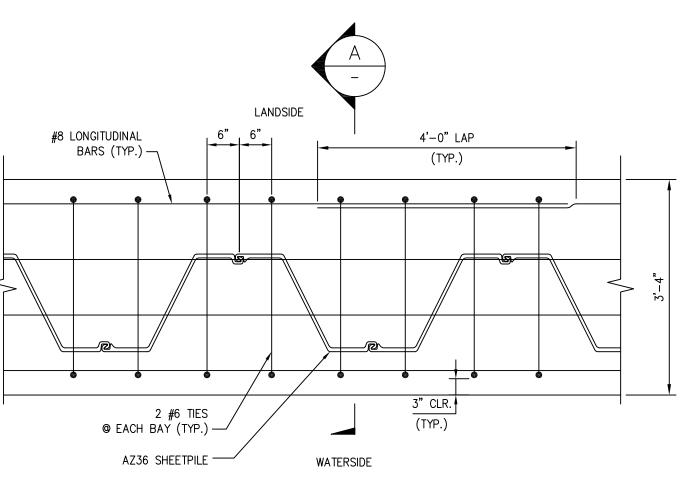
HEREBY CERTIFY THAT ALL THE DIMENSIONS SHOWN ON THIS PLAN ARE CORRECT.

For and on behalf of AMR Consulting Engineers

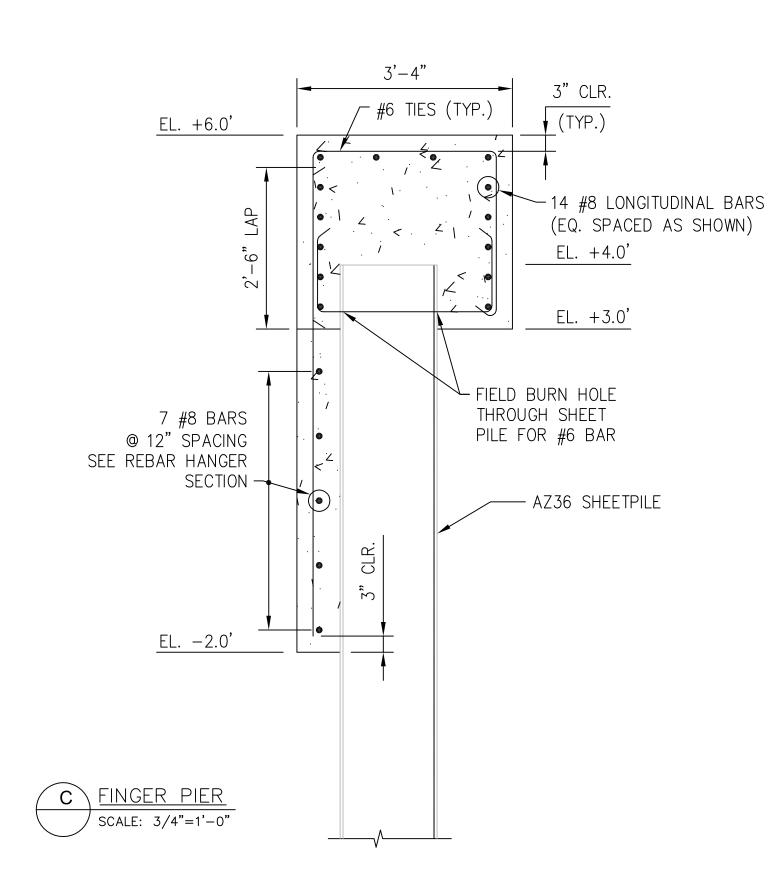


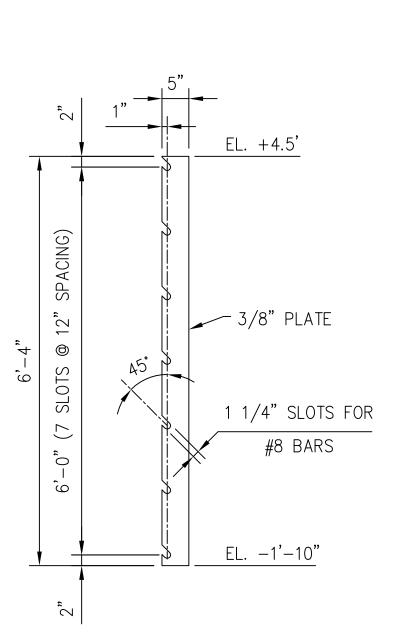
A TYPICAL CORNER CONCRETE
PILE CAP REINFORCEMENT

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



B PARTIAL PLAN OF TYPICAL CONCRETE
PILE CAP REINFORCEMENT
SCALE: 3/4"=1'-0"





REBAR HANGER SECTION
FOR TYPICAL PILE CAP
SCALE: 3/4"=1'-0"

REV. # DESCRIPTION DATE

**COASTAL WORKS** 



PO BOX 10962
GRAND CAYMAN KY1-1007
CAYMAN ISLANDS
P: +1 345 949 2716 W: WWW.AMR.KY E: INFO@AMR.KY

SEAL



CLIENT:

PROJECT NAME AND LOCATION
PORT ZEUS PROJECT
West End,
Cayman Brac
BLOCK:PARCELS:

CONCRETE CAP
REINFORCEMENT DETAILS
SCOTTS DOCK FINGER PIER

MM	SHEET
DRAWN BY  MM	<b>CIV-15</b>
SM	Rev.0
PROJECT NO.  13359 PZ	12/14/2022
AS SHOWN	ISSUE

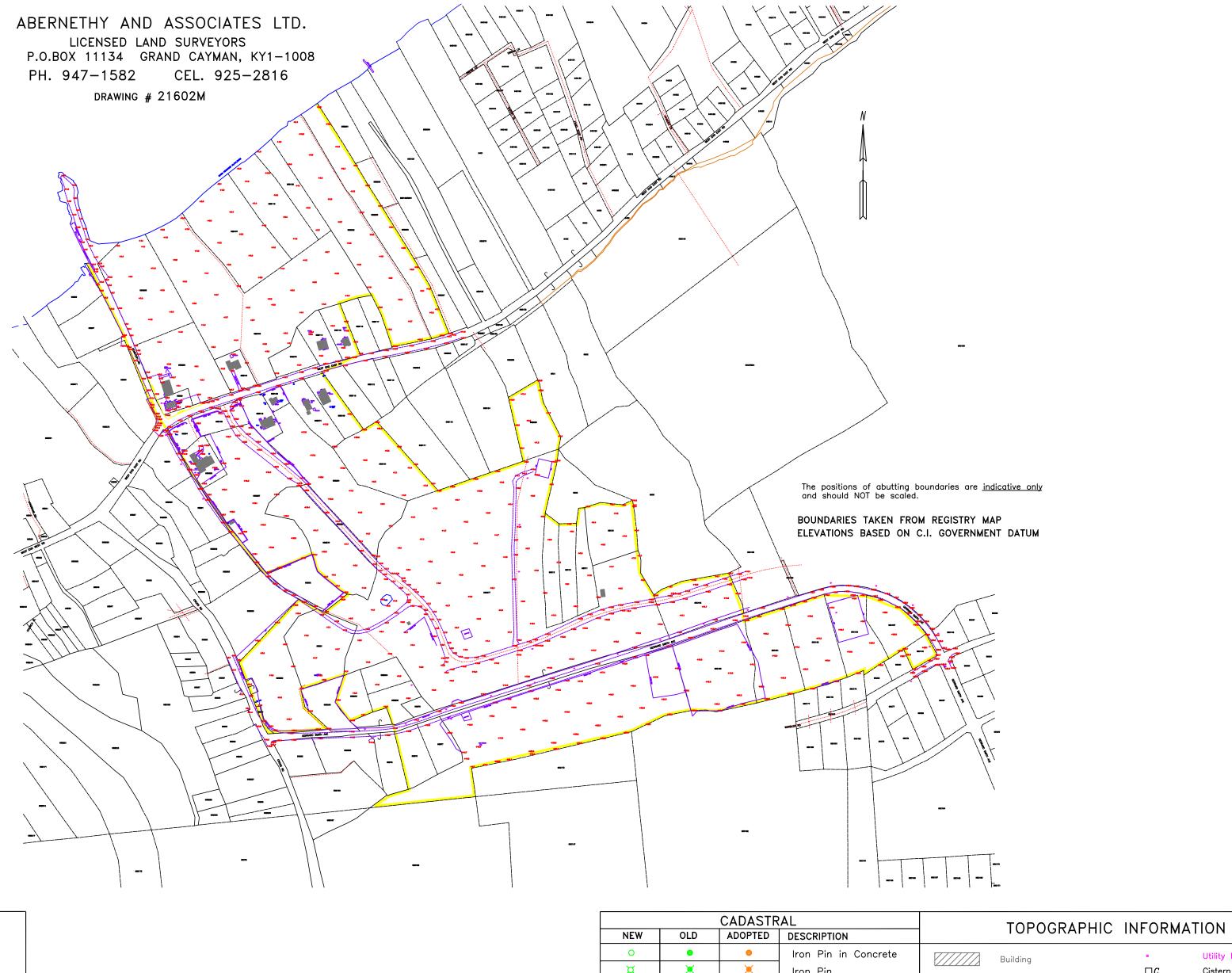
I HEREBY CERTIFY THAT ALL THE DIMENSIONS SHOWN ON THIS PLAN ARE CORRECT.

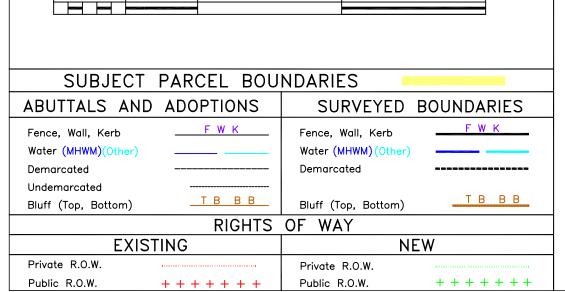
For and on behalf of AMR Consulting Engineers

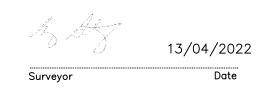
<u>GRAPHIC SCALES:</u>
3/4"=1'-0"

2 FT.

#### TOPOGRAPHIC SURVEY ON PART OF CAYMAN BRAC







		1 TOPOGRAPHIC INFORMATION					
NEW	OLD	ADOPTED	DESCRIPTION		TOPOGRAPHIC	INFORMA	HON
0	•	0	Iron Pin in Concrete		Building	•	Utility Pole
¤	×	×	Iron Pin			$\Box c$	Cistern
0	•	•	IPC with Kap		Building (open sided)	• W	Well
ф	+	+	Post		Building (open sided) (Eaves & Gutters)	CANAL	Canal
	N.		Concrete Monument		(Laves & Gutters)	<u>WL</u>	Water line
0	•	•	Theoretical Point	cs	Concrete slab	<u> </u>	Ironshore formation
*	*	*	Tree		Wall	¥-¥-¥-¥-	Slope
Δ	<b>A</b>	_	Control IP or Nail	F	Fence		Sand
<b>\times</b>	<b>(A)</b>	<b>(A)</b>	Control IPC		Kerb		
			Control IPC Brass Mark		Edge of formation	<b>*</b>	Tree
X		×	Topographical Fix	FP D TK	Footpath, Dyke, Track		
+	+	+	Seawall Bend		·		-
×	×	×	Magnail in Cover				

#### BATHYMETRIC SURVEY ON PART OF CAYMAN BRAC ABERNETHY AND ASSOCIATES LTD. LICENSED LAND SURVEYORS P.O.BOX 11134 GRAND CAYMAN, KY1-1008 PH. 947-1582 CEL. 925-2816 DRAWING # 22068M 94D155 95B269 95B270 95B262 95B107 95B298 95B97 CADASTRAL TOPOGRAPHIC INFORMATION OLD ADOPTED DESCRIPTION NEW 0 Iron Pin in Concrete Scale 1"=160' ¤ × × Iron Pin Cistern Building (open sided) 0 IPC with Kap SUBJECT PARCEL BOUNDARIES ф + <u>CANAL</u> Canal Post Building (open sided) (Eaves & Gutters) ABUTTALS AND ADOPTIONS SURVEYED BOUNDARIES Concrete Monument Ironshore formation Concrete slab Theoretical Point F W K F W K Fence, Wall, Kerb Fence, Wall, Kerb \* \* \* Water (MHWM) (Other) Water (MHWM)(Other) Demarcated Demarcated Δ Control IP or Nail Undemarcated $\triangle$ Control IPC <u> T B B B</u> Bluff (Top, Bottom) Bluff (Top, Bottom) ——— Edge of formation Control IPC Brass Mark RIGHTS OF WAY Topographical Fix FPDTK Footpath, Dyke, Track **EXISTING** NEW Seawall Bend Private R.O.W. Private R.O.W. X Magnail in Cover Public R.O.W. ++++++ +++++++ Public R.O.W.

#### BATHYMETRIC SURVEY ON PART OF CAYMAN BRAC

