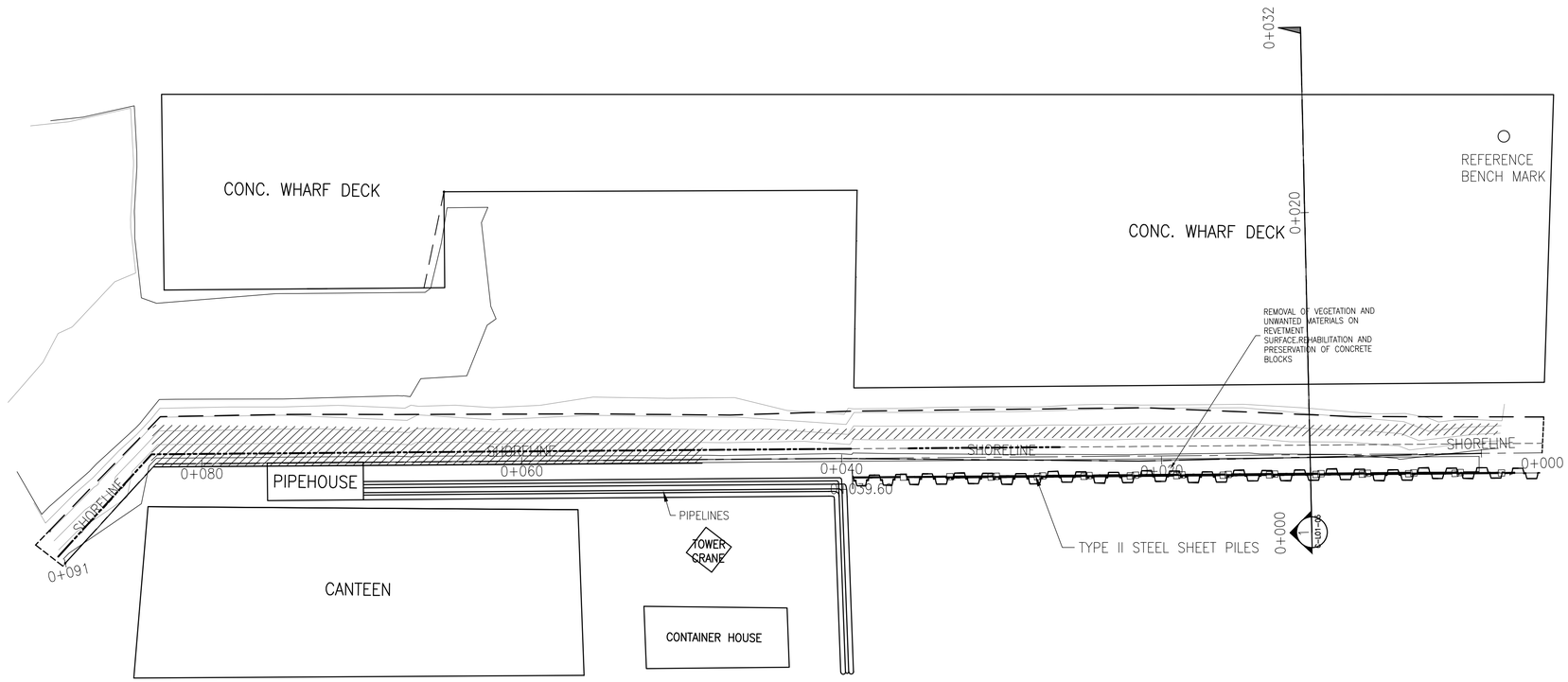
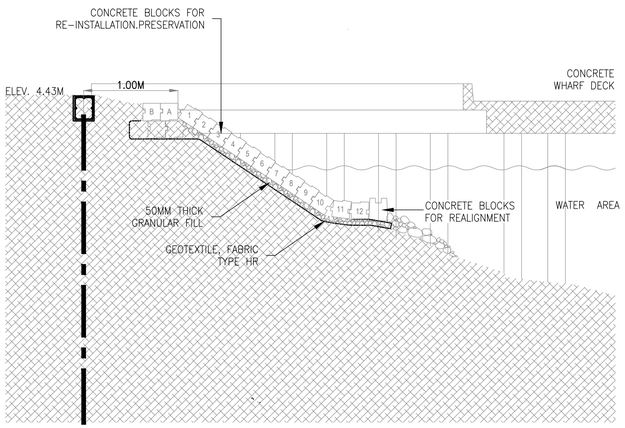


1 TYP. REVETMENT REPAIR/RESTORATION PLAN

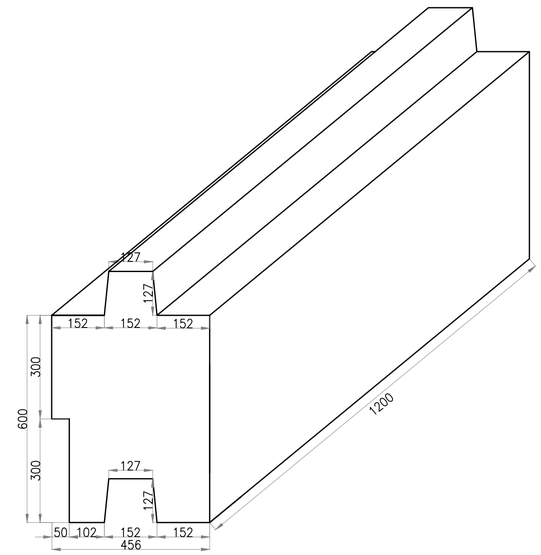
C-L01-05 SCALE NTS



2 TYP. REVETMENT REPAIR

C-L01-05 SCALE NTS

NO. OF BLOCKS FOR FABRICATION:
5 BLOCKS
NO. OF BLOCKS FOR RESTORATION:
160 BLOCKS
L=1200 MM
W=456 MM
H=600 MM



3 CONCRETE BLOCK DETAILS

C-L01-05 SCALE NTS

NOTES :

1. CONCRETE BLOCKS TO BE USED SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa.
2. INTERLOCKING CONCRETE BLOCKS FOR COASTAL AND RIVERBANK PROTECTION SHALL BE OPEN-CELL TYPE HAVING A VOID RATE OF APPROXIMATELY 15% TO 17% TO ALLOW RE-VEGETATION.
3. IT SHALL MAINTAIN HYDRAULIC STABILITY OF APPROXIMATELY 6.10 M/S UNDER HIGH VELOCITY OF FLOW, WITH CORRESPONDING BED SHEAR STRESSES OF 1.44 KN/SQ. M TO 1.92 KN/SQ. M.
4. WIDTH, HEIGHT AND LENGTH OF CONCRETE BLOCKS SHALL NOT DIFFER BY MORE THAN +3.2 MM FROM THE SPECIFIED STANDARD DIMENSION.
5. AGGREGATES FOR CONCRETE PAVING BLOCKS SHALL BE EITHER LIGHTWEIGHT OR NORMAL WEIGHT OR A MIXTURE OF BOTH.
6. DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
7. FIGURE SHALL GOVERN OVER DIMENSIONS IN CASE OF DISCREPANCIES.

NAMRIA CONTROL: ZBS-21
LATITUDE: 14-48-01.99
LONGITUDE: 120-17-02.79
REFERENCE BENCHMARK:
LATITUDE: 14-48-04.95
LONGITUDE: 120-16-03.52
ELEVATION: 4.00 METERS

SATISFACTORY TO:

JEROME M. MARTINEZ
GENERAL MANAGER, SEAPORT DEPARTMENT

a.c.ong CONSULTING INC.
Engineering + Management + Sustainability
6/f A.C. Ong Center, 1178 P. Ocampo Sr. Extension Brgy. Sta. Cruz, Makati City - Metro Manila
1799 P. Burgos St., Brgy. Lourdes Sur, Angeles City, Pampanga
Tel. Nos.: +63 2 8935827; 8124935
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CERTIFIED BY

ALDEN C. ONG, M.Eng., ASEP
ENGINEER

		CADD	DATE
REG. NO.: 68251		DCG	MAY 2023
TIN NO. : 168-950-786		DESIGNED	DATE
PTR NO. : 9565410		DCG	MAY 2023
DATE	: JANUARY 05, 2023	APPROVED	DATE
PLACE	: MAKATI CITY	ACO	MAY 2023

REPUBLIC OF THE PHILIPPINES

SUBIC BAY METROPOLITAN AUTHORITY
SUBIC BAY FREEPORT ZONE

CHECKED & REVIEWED BY:	REVIEWED & RECOMMENDED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:
RIZA R. BAKUTEZA DIVISION CHIEF TSD, ENGINEERING DEPT.	GARY P. FERNANDEZ MANAGER ENGINEERING DEPARTMENT	MARCO A. ESTABILLO DEPUTY ADMINISTRATOR PUBLIC WORKS & TECHNICAL SERVICES GROUP	JONATHAN D. TAN CHAIRMAN AND ADMINISTRATOR, SBMA

PROJECT

REHABILITATION OF SEAPORT FACILITIES:
REINSTALLATION OF CONCRETE BLOCKS OF
DAMAGED REVETMENT (SLOPE PROTECTION)
AT LEYTE WHARF

DRAWING TITLE

REVETMENT REPAIR
PLAN AND SECTIONS

REVISION				
REV.	DESCRIPTION	BY	CHK	DATE

DRAWING NO.

C-L01-05

REV.