

PROPOSED DEVELOPMENT:

- ① CAUSEWAY (90M X 3M)
- ② CONCRETE STAIRLANDINGS (2-UNITS, 20M EACH) WITH MOORING CLEATS (8 sets)



LIST OF DRAWINGS:

- 1 OF 7 DEVELOPMENT PLAN, VICINITY MAP, GENERAL NOTES & SHEET CONTENTS
- 2 OF 7 GENERAL PLANS OF ROCK CAUSEWAY WITH STAIRLANDING
- 3 OF 7 SECTIONAL ELEVATIONS: STA. 0+001, STA. 0+010, STA. 0+020, STA. 0+030, STA. 0+040, STA. 0+050, STA. 0+060, STA. 0+070
- 4 OF 7 SECTIONAL ELEVATIONS: STA. 0+080, STA. 0+090 & SECTION A-A
- 5 OF 7 LAYOUT OF SLOTTED R.C. CURB, TYPICAL REINFORCEMENT OF MOORING CLEAT, DETAIL OF R.C. CURB, DETAIL OF PAVEMENT JOINT & DETAIL OF STAIRLANDING
- 6 OF 7 PAVEMENT JOINT LAYOUT & DRAINAGE LAYOUT PLAN
- 7 OF 7 HYDROGRAPHIC AND TOPOGRAPHIC SURVEY

GENERAL NOTES :

ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS BASED FROM MLLW ELEV. 0.00 UNLESS OTHERWISE SPECIFIED.

VERIFY ALL NEEDED DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES IN THE FIELD.

CONCRETE TO BE USED SHALL BE 24 MPa (3,500 psi) UNLESS OTHERWISE SPECIFIED.

ROCKS TO BE USED SHALL HAVE A MINIMUM SPECIFIC GRAVITY OF 2.65, ANGULAR IN SHAPE, HARD, DURABLE AND WILL NOT EASILY DISINTEGRATE UNDER LONG EXPOSURE TO SEA WATER.

ALL STRUCTURAL STEEL SHALL BE ASTM A-36 OR JIS 3101.

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: **SAN JOSE PORT DEVELOPMENT PROJECT**
PORT OF SAN JOSE

PREPARED BY: **CHRISTOPHER H. ORNLIM**
Principal Engineer A

CHECKED BY: **JOVENIO C. PALINAG**
Div. Mgr. PIAD

NOTED BY: **ROLANDO T. QUERUBIN**
Div. Mgr. DED

RECOMMENDED BY: **REYNARD S. PARAFINA**
Manager, PPDD

APPROVED: **COMPTROLLER PARINAS JR.**
Asst. Com. Manager - EO

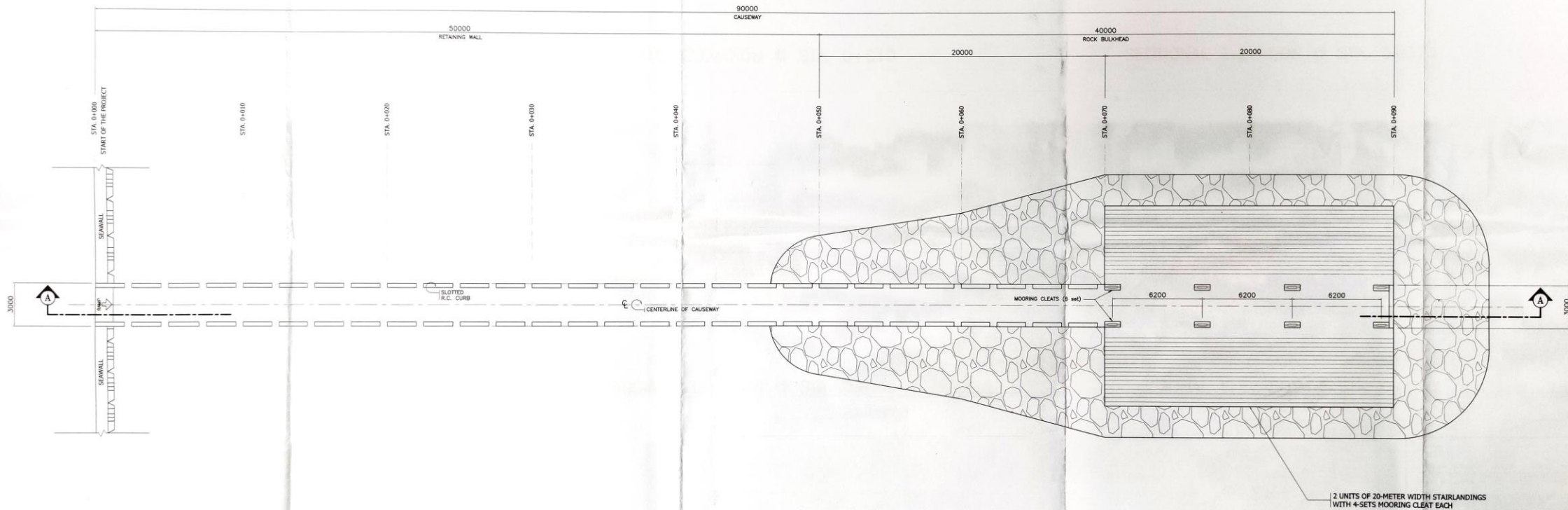
SCALE: AS SHOWN

SHEET NO.: 1 OF 7

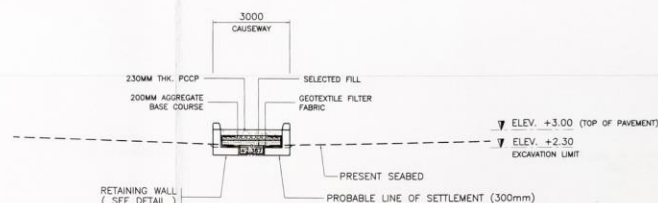
DATE: NOVEMBER 2018

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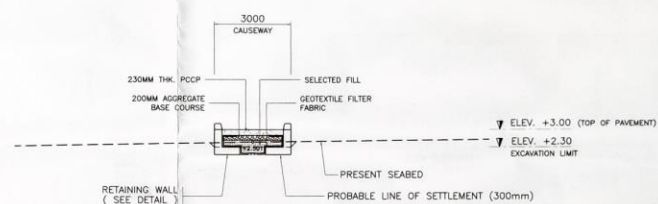
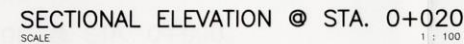
- DEVELOPMENT PLAN
- VICINITY MAP
- GENERAL NOTES
- SHEET CONTENTS



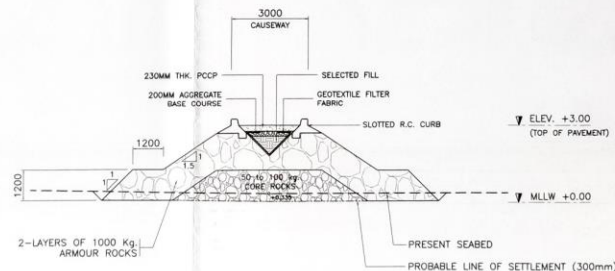
GENERAL PLAN OF ROCK CAUSEWAY WITH STAIRLANDING
SCALE 1:125



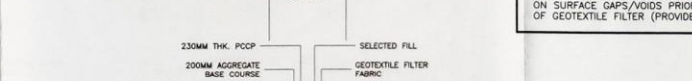
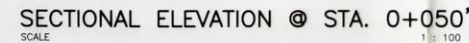
SECTIONAL ELEVATION @ STA. 0+010
SCALE 1 : 100



SECTIONAL ELEVATION @ STA. 0+040
SCALE 1 : 100



SECTIONAL ELEVATION @ STA. 0+060
SCALE 1 : 100



ROCK BULKHEAD IS 1.00 METER.

4 TO 6 KGS. ROCK FILTERS SHALL BE INSTALLED ON SURFACE GAPS/VOIDS PRIOR TO INSTALLATION OF GEOTEXTILE FILTER (PROVIDE PHOTOGRAPHS).

3000 CAUSEWAY

230MM THK. PCP

200MM THK. BASE COURSE

SELECTED FILL

GEOTEXTILE FILTER FABRIC

STAIRLANDING (SEE DETAIL)

2-LAYERS OF 1000 Kg. ARMOUR ROCKS

50/16 15% ZONE ROCKS

PRESENT SEAED

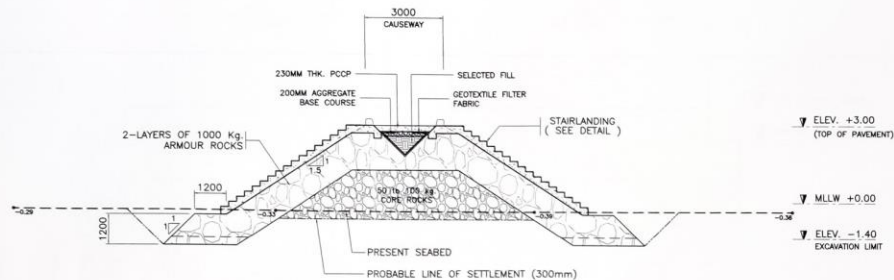
PROBABLE LINE OF SETTLEMENT (300mm)

ELEV. +3.00 (TOP OF PAVEMENT)

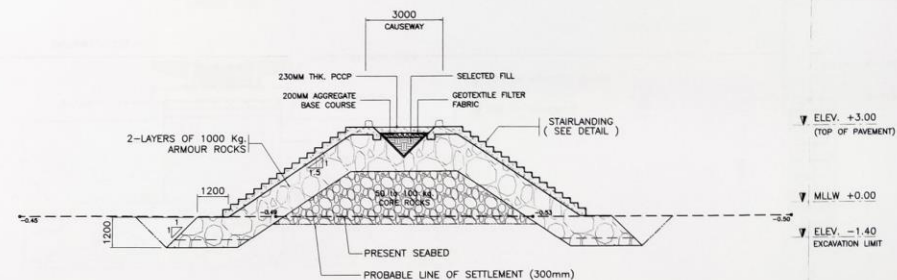
MLW +0.00

ELEV. -1.40 EXCAVATION LIMIT

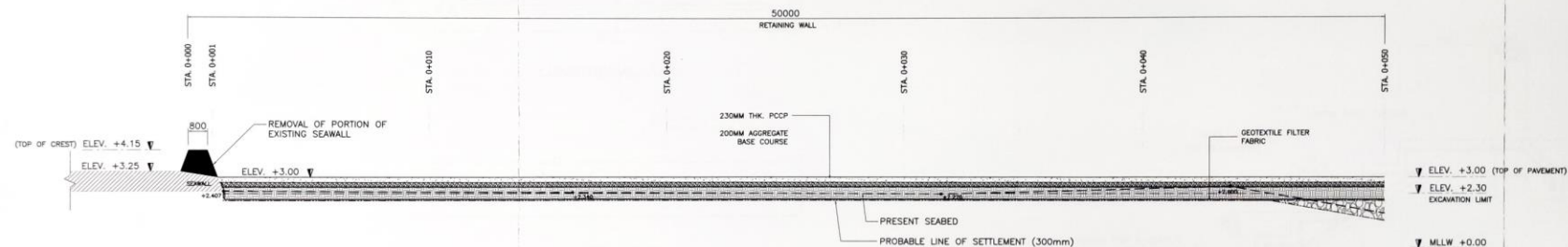
SECTIONAL ELEVATION @ STA. 0+070
SCALE 1 : 100



SECTIONAL ELEVATION @ STA. 0+080
SCALE 1 : 100



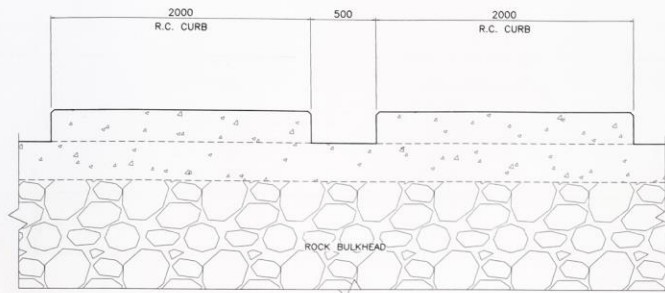
SECTIONAL ELEVATION @ STA. 0+090
SCALE 1 : 100



SECTION A-A
SCALE 1 : 100

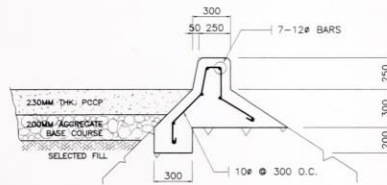
NOTES :

- MINIMUM EXTENSION LENGTH OF GEOTEXTILE FILTER FABRIC BEYOND THE EDGE OF THE ROCK BULKHEAD IS 1.00 METER.
- 4 TO 6 KGS. ROCK FILLERS SHALL BE INSTALLED ON SURFACE GAPS/VOIDS PRIOR TO INSTALLATION OF GEOTEXTILE FILTER (PROVIDE PHOTOGRAPHS).

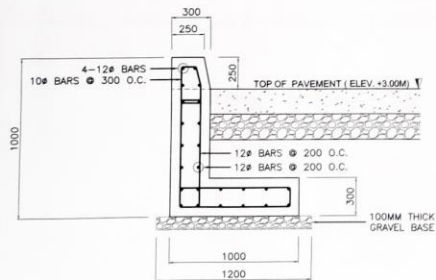


FRONT ELEVATION

LAYOUT OF SLOTTED R.C. CURB
SCALE 1 : 20

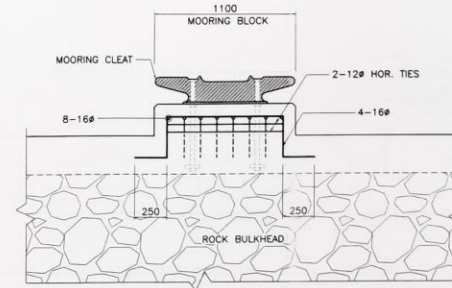


DETAIL OF R.C. CURB @ ROCK BULKHEAD
SCALE 1 : 20



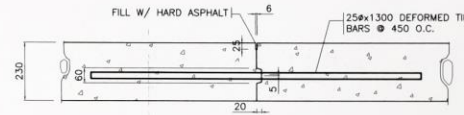
DETAIL OF RETAINING WALL
SCALE 1 : 20

TOP OF R.C. CURB
TOP OF PAVEMENT 250



FRONT ELEVATION

TYPICAL REINFORCEMENT OF MOORING CLEAT
SCALE 1 : 20

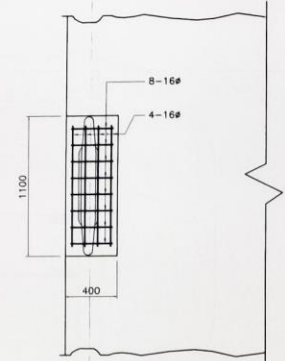
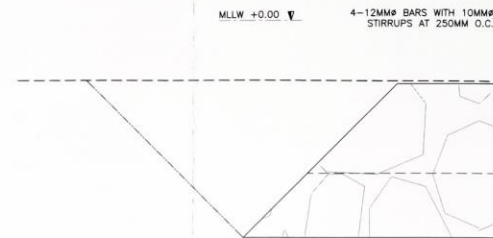


LONGITUDINAL JOINT

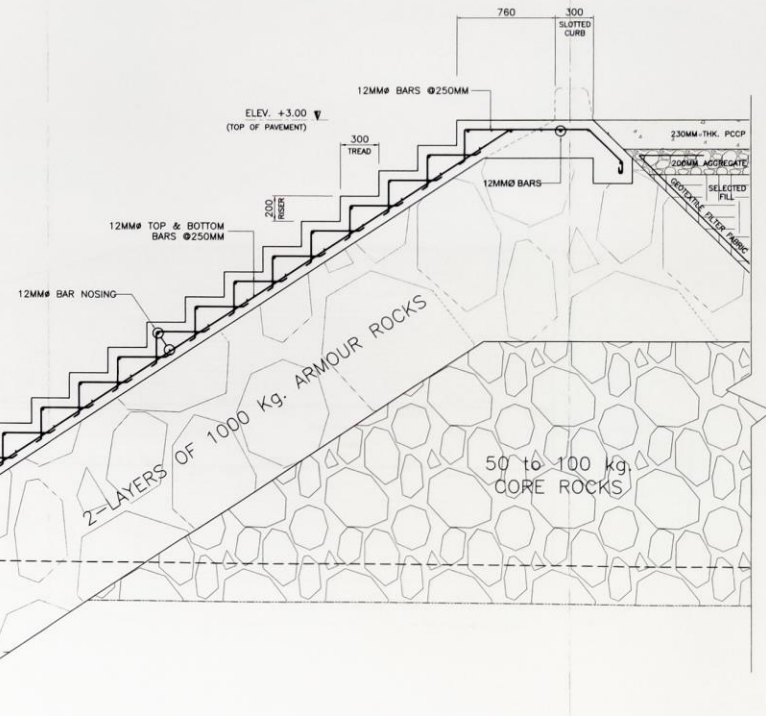


SAWED JOINT

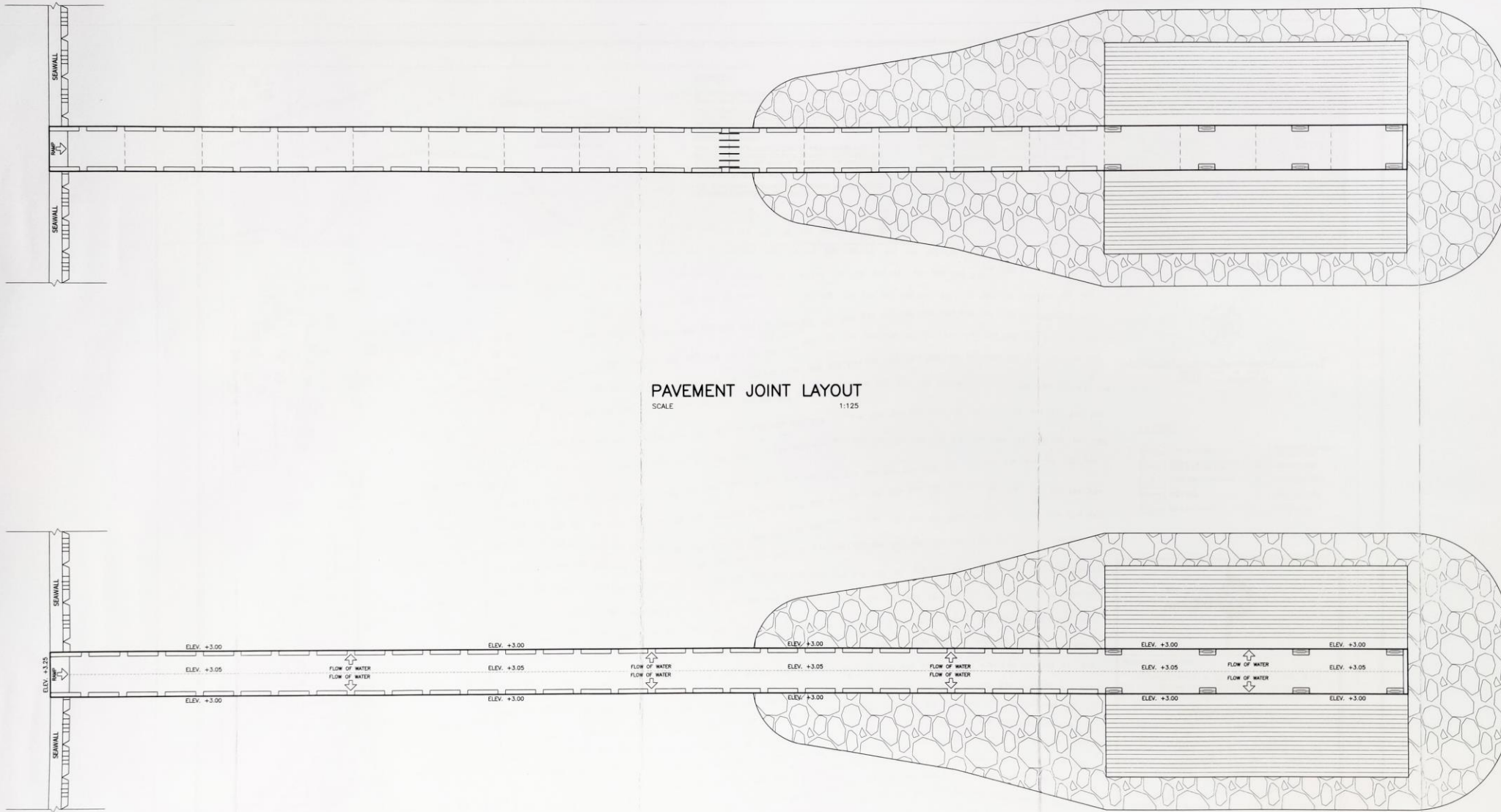
DETAIL OF PAVEMENT JOINT
SCALE 1 : 10



PLAN



DETAIL OF STAIRLANDING
SCALE 1 : 20



PROJECT TITLE:
 SAN JOSE PORT DEVELOPMENT PROJECT
 PORT OF SAN JOSE

PREPARED BY:
 CHRISTOPHER H. ORNLUM
 Principal Engineer A

CHECKED BY:
 JOVENICO C. PAJINAG
 Div. Mgr. PIAD

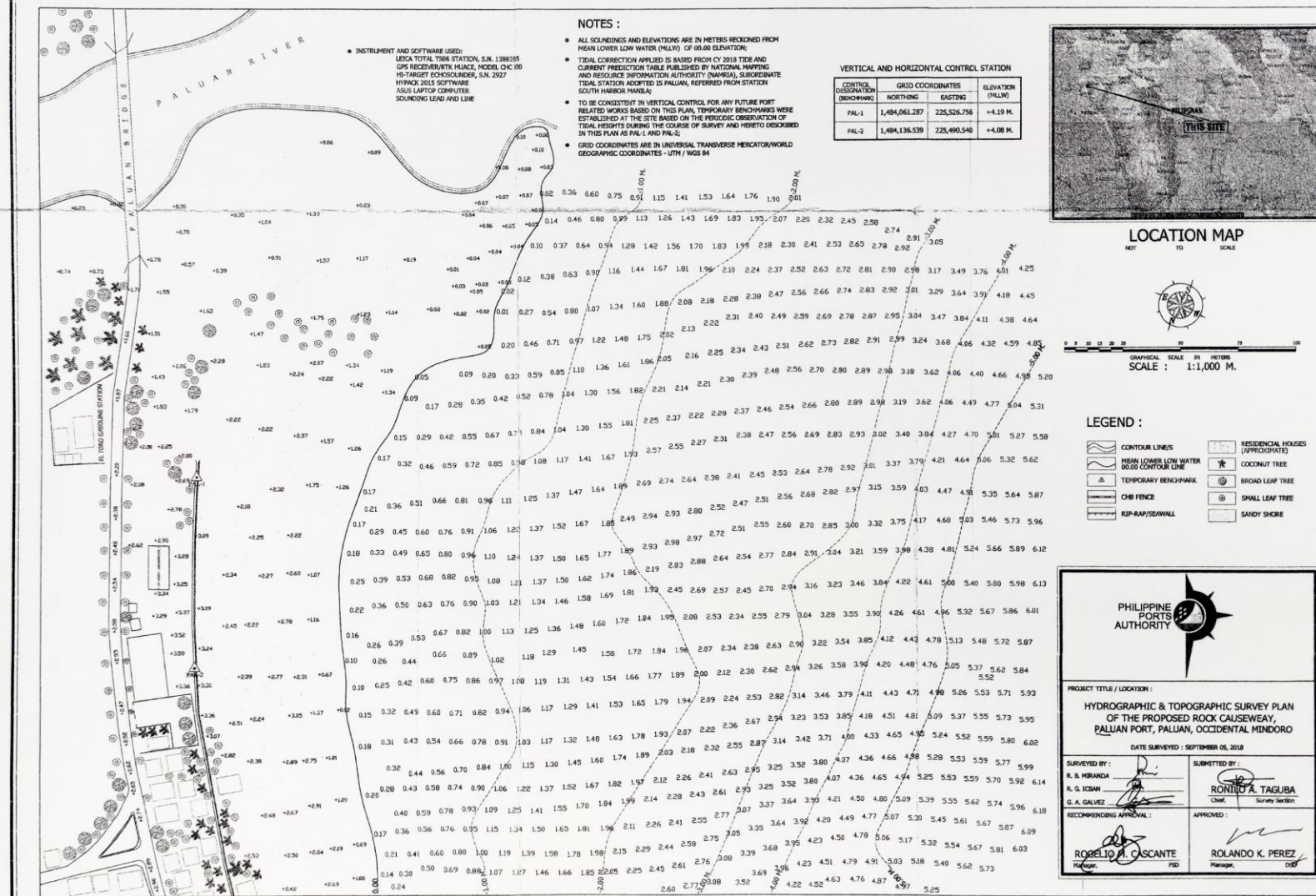
NOTED BY:
 ROLANDO T. QUERUBIN
 Div. Mgr. DED

RECOMMENDED BY:
 REYNALDO C. PARAFINA
 Manager, PPDD

APPROVED:
 CONSTANZO T. FARINAS, JR.
 Asst. Gen. Manager - EO

SHEET CONTENTS:
 • PAVEMENT JOINT LAYOUT
 • DRAINAGE LAYOUT PLAN

SCALE: AS SHOWN
 SHEET NO.: 6 OF 7
 DATE: NOVEMBER 2018



HYDROGRAPHIC & TOPOGRAPHIC SURVEY