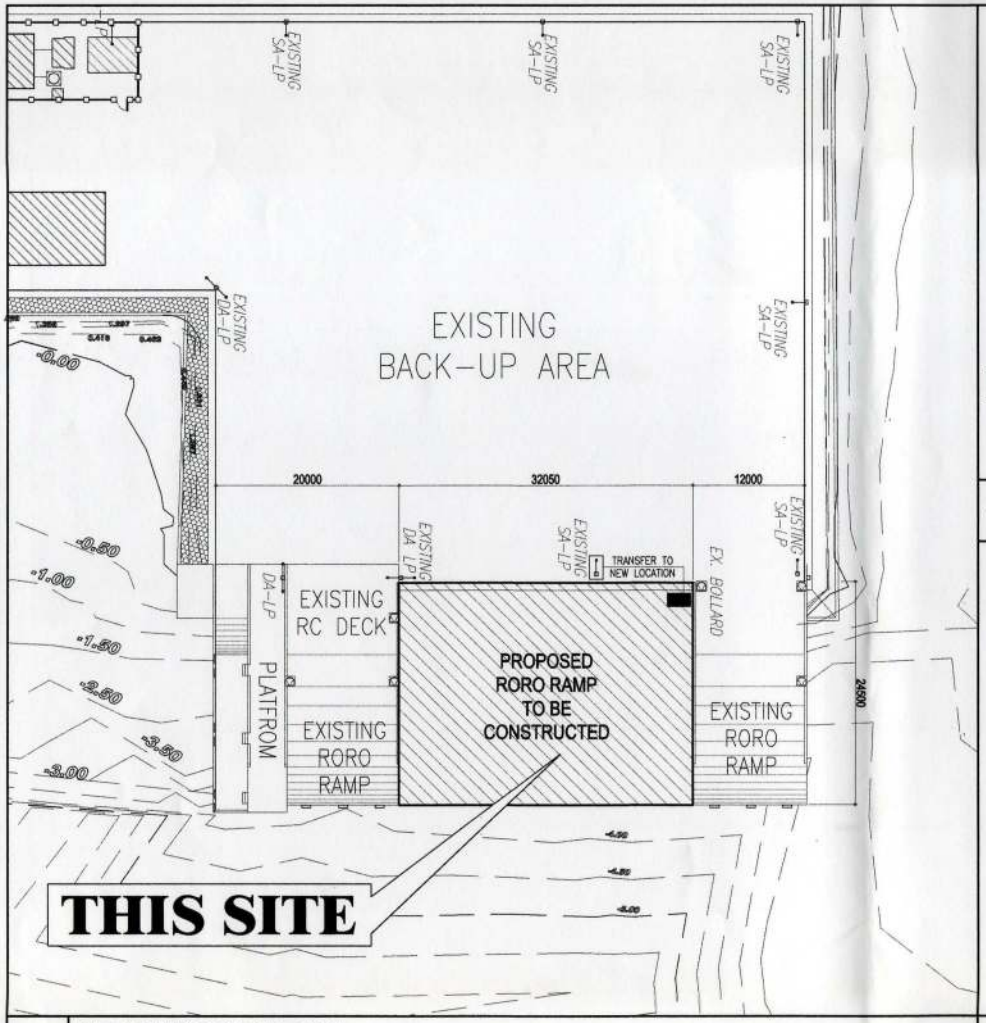


01.1 SITE DEVELOPMENT PLAN
SCALE 1:500 METERS



01.2 VICINITY MAP
SCALE 1:NTS METERS



01.3 LOCATION MAP
SCALE 1:NTS METERS

SHT. NO.	DESCRIPTION
01	LOCATION PLAN VICINITY MAP SITE DEVELOPMENT PLAN SHEET CONTENTS
02	RORO RAMP PLAN CONCRETE BLOCK SCHEDULE LAYER 1 CONCRETE BLOCK SCHEDULE LAYER 2 FOUNDATION PLAN
03	SECTION THRU A - A SECTION THRU B - B
04	DETAIL OF CONCRETE BLOCKS DETAIL OF LIFTING HANDLE DETAIL OF DOWELS DETAIL OF PCCP
05	DETAIL OF PEDESTAL WALL DETAIL OF RC BEAM DETAIL OF RC COLUMN DETAIL OF CURTAIN WALL
06	DETAIL OF MOORING BLOCK
07	DETAIL OF 35 TONS MOORING BOLLARD DETAIL OF RUBBER DOCK FENDER

01.4 SHEET CONTENTS
SCALE 1:NTS METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:
LOY JOHANNE L. BEDICO
CONSTRUCTION FOREMAN

CHECKED & RECOMMENDING APPROVAL BY:
GARY LEE L. ANGHAG
ACTING ESO MANAGER

APPROVED BY:
ANALEE G. AGUILA
ACTING PORT MANAGER

OWNER:
ANALEE G. AGUILA
ACTING PORT MANAGER

PROJECT TITLE:
RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)

LOCATION:
BABAK DISTRICT
ISLAND GARDEN CITY OF SAMAL

SHEET CONTENTS:
LOCATION PLAN
VICINITY MAP
SHEET CONTENTS
SITE DEVELOPMENT PLAN

REVISIONS

NO.	DATE	REMARKS
-	-	-

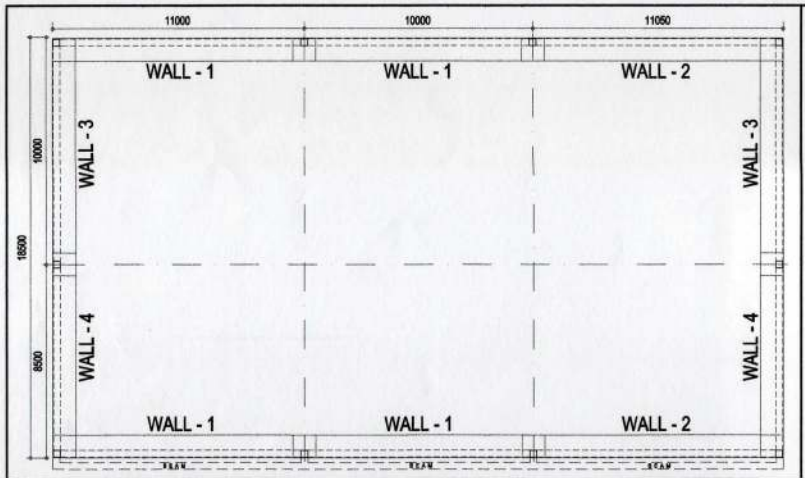
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PROJECT:	-
DATE	-
DRAWN	-

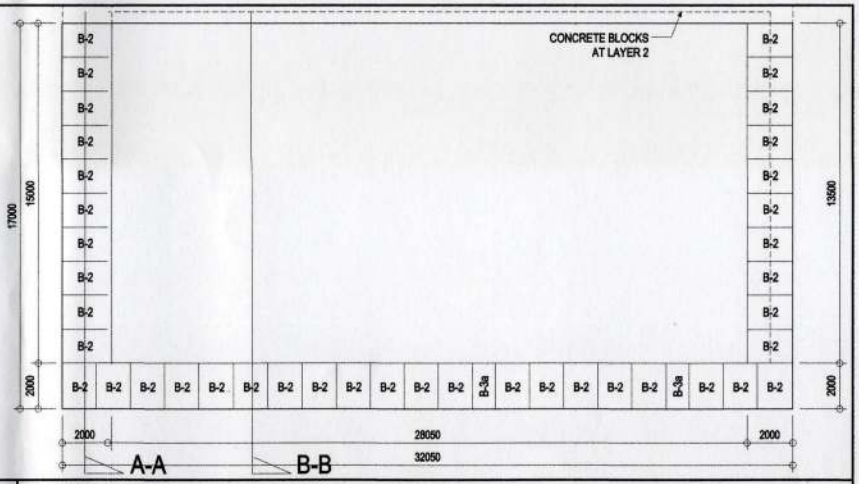
SHEET NO. 01 OF 7

CADD BY: GDOCTURA
DATE DRAWN: 06-28-17
DATE PRINTED: 06-28-17

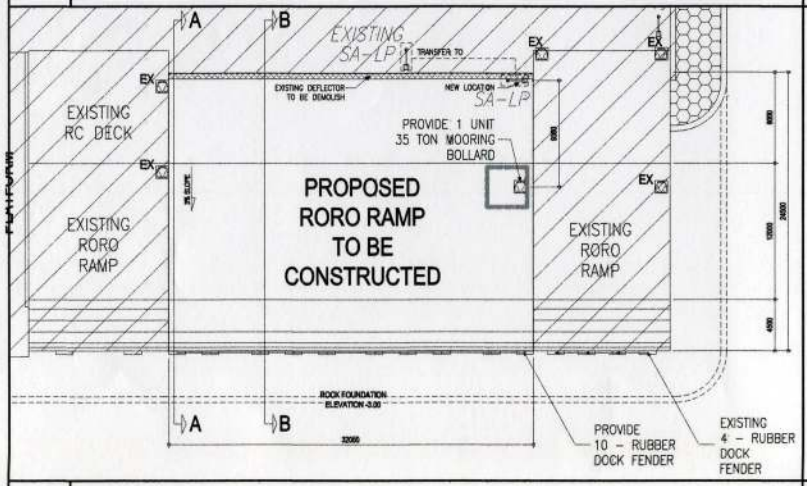
DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLLY EXECUTED. R.A.545 SECTION 29(4).



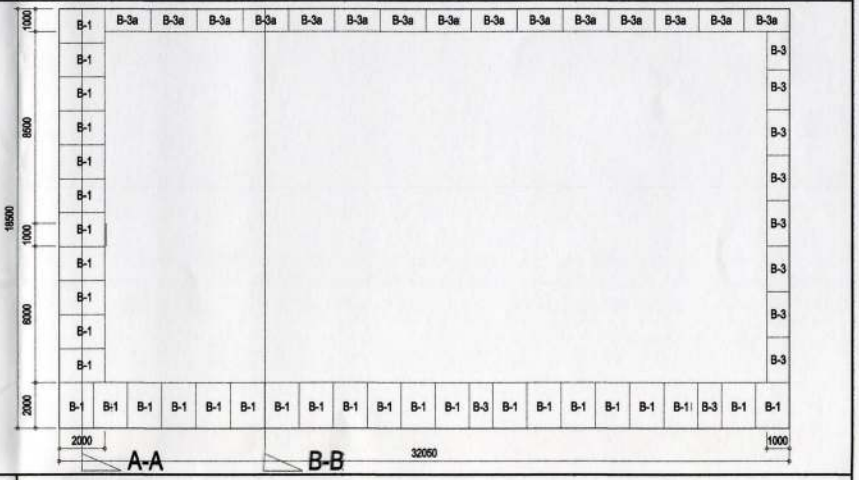
02.2 **FOUNDATION PLAN**
SCALE 1: 200 METERS



02.3 **CONCRETE BLOCK SCHEDULE LAYER 1**
SCALE 1: 200 METERS



02.1 **RORO RAMP PLAN**
SCALE 1: 400 METERS



02.4 **CONCRETE BLOCK SCHEDULE LAYER 2**
SCALE 1: 200 METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:	CHECKED & RECOMMENDING APPROVAL BY:	APPROVED BY:
LOY JOHANNE L. BEDICO CONTRUCTION FOREMAN	GARY LEE L. ANGHAG ACTING ESD MANAGER	ANALEE G. AGUILA ACTING PORT MANAGER

OWNER: ANALEE G. AGUILA, ACTING PORT MANAGER

PROJECT TITLE: RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)

LOCATION: BABAK DISTRICT, ISLAND GARDEN CITY OF SAMAL

SHEET CONTENTS:
- RORO RAMP PLAN
- CONCRETE BLOCK SCHEDULE LAYER 1
- CONCRETE BLOCK SCHEDULE LAYER 2
- FOUNDATION PLAN

REVISIONS

NO.	DATE	REMARKS
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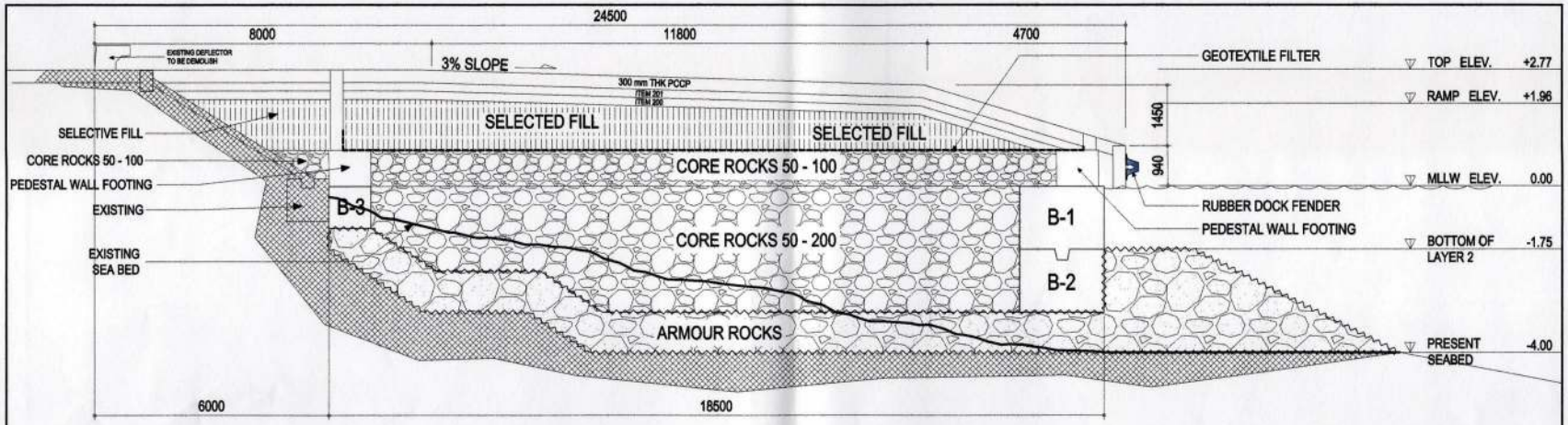
ADDENDUM

NO.	–
PROJECT	–
DATE	–
DRAWN	–

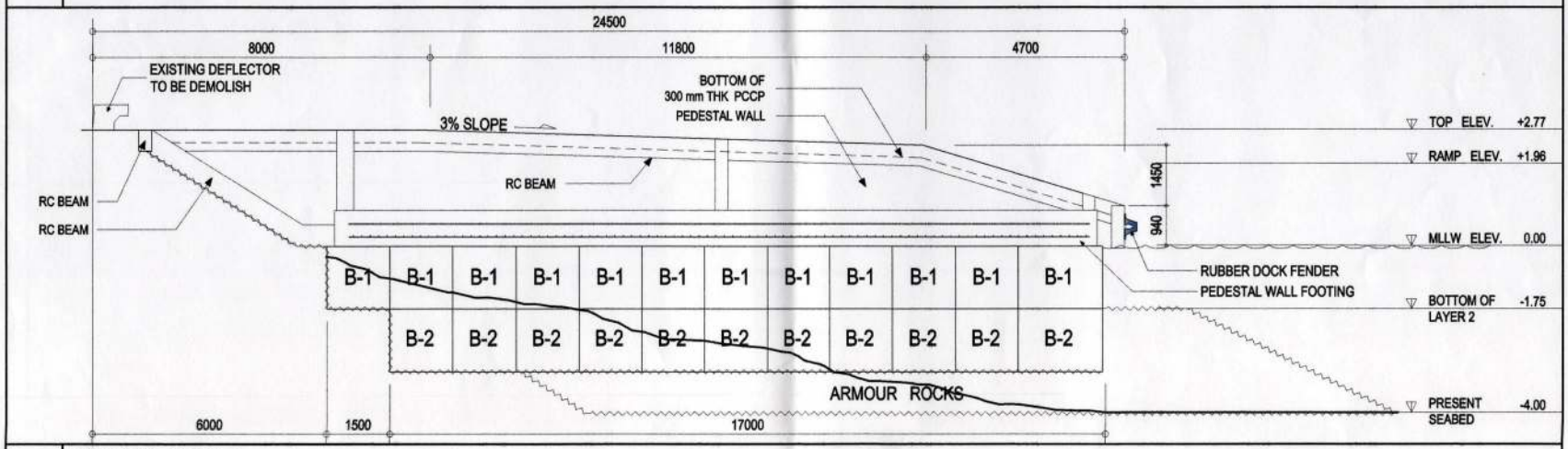
SHEET NO. 02 OF 7

CADD BY: GDOCTURA
DATE DRAWN: 08-28-17
DATE SIGNED: 08-28-17

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLLY EXECUTED. – R.A.545 SECTION 23(4).



03.2 **SECTION THRU B – B**
SCALE 1:100 METERS

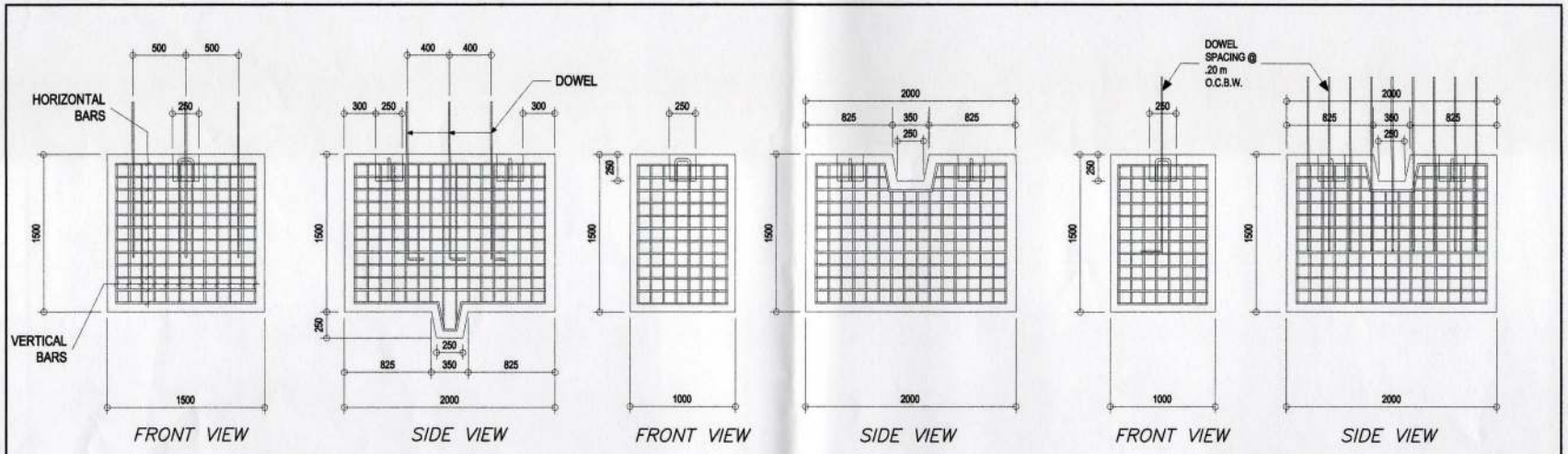


03.1 **SECTION THRU A – A**
SCALE 1:100 METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:	CHECKED & RECOMMENDING APPROVAL BY:	APPROVED BY:	OWNER:	PROJECT TITLE:	REVISIONS	SHEET NO.	OF
LOY JOHANNE L. BEDICO CONTRUCTION FOREMAN	GARY LEE L. ANGHAG ACTING ESD MANAGER	ANALEE G. AGUILA ACTING PORT MANAGER	ANALEE G. AGUILA ACTING PORT MANAGER	RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)	DATE – REMARKS: –	03	7
			SHEET CONTENTS: SECTION THRU A – A SECTION THRU B – B	LOCATION: BABAK DISTRICT ISLAND GARDEN CITY OF SAMAL	ADDENDUM NO. – PROJECT – DATE – DRAWN –	CADD BY: GDOCTURA DAY DRWG: 06-28-17 DATE UPDATED: 09-25-17	

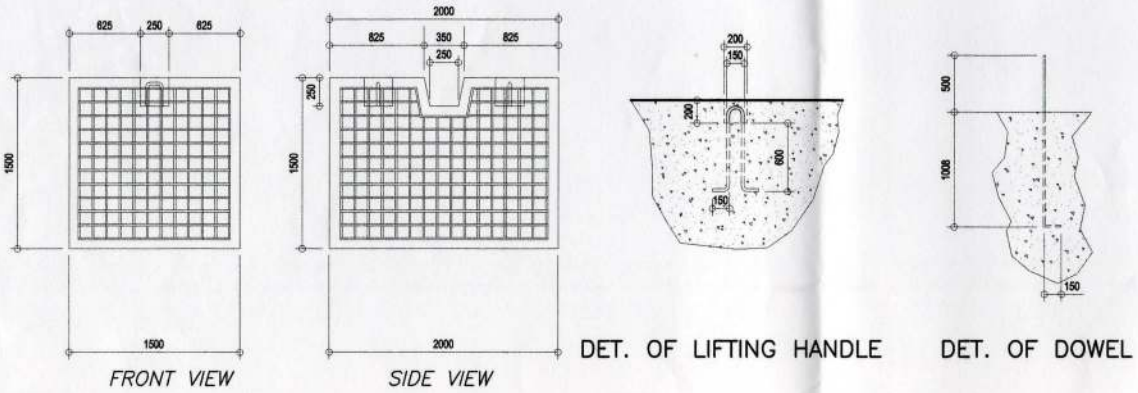
DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLLY EXECUTED. R.A.545 SECTION 25(4)



BLOCK 1

BLOCK 3A

BLOCK 3B



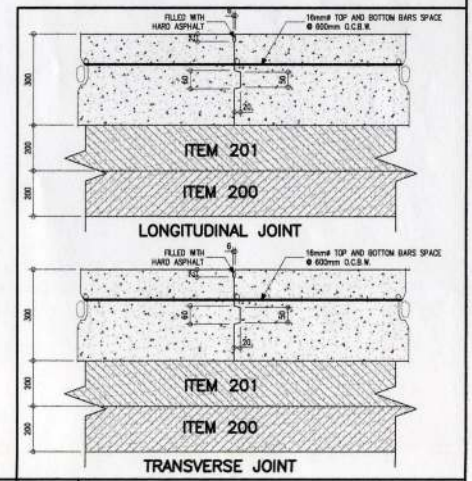
BLOCK 2

DET. OF LIFTING HANDLE

DET. OF DOWEL

NOTE:
CONCRETE BLOCKS
CONCRETE TO BE USED IS 21 MPa (3046 PSI)
USE 16mmø DSB FOR ALL REINFORCEMENT BAR SPACE AT 120mm O.C. (MAX.)

NOTE:
FOR LIFTING HANDLES, USE 25mmø, DSB 275.



04.1 DETAIL OF CONCRETE BLOCKS, LIFTING HANDLE AND DOWEL
SCALE 1:40 METERS

04.2 TYP. DET. OF PORTLAND CEMENT CONCRETE PAVEMENT
SCALE 1:15 METERS

PHILIPPINE PORTS AUTHORITY

PREPARED BY:
LOY JOHANNE L. BEDICO
CONSTRUCTION FOREMAN

CHECKED & RECOMMENDING APPROVAL BY:
GARY LEE L. ANGHAG
ACTING ESD MANAGER

APPROVED BY:
ANALEE G. AGUILA
ACTING PORT MANAGER

OWNER:
ANALEE G. AGUILA
ACTING PORT MANAGER

PROJECT TITLE:
RECONSTRUCTION OF RORO RAMP PHASE II, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)

SHEET CONTENTS:
DETAIL OF CONCRETE BLOCKS
DETAIL OF LIFTING HANDLES
DETAIL OF DOWELS
DETAIL OF POZZ

LOCATION:
BABAK DISTRICT
ISLAND GARDEN CITY OF SAMAL

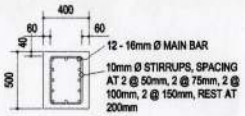
REVISIONS
DATE | REMARKS

ADDENDUM
NO. -
PROJECT -
DATE -
DRAWING -

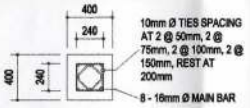
SHEET NO. 04 OF 7

CADD BY: GDOCTURA
DATE DRAWN: 04-25-17
DATE UPDATED: 05-25-17

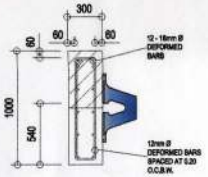
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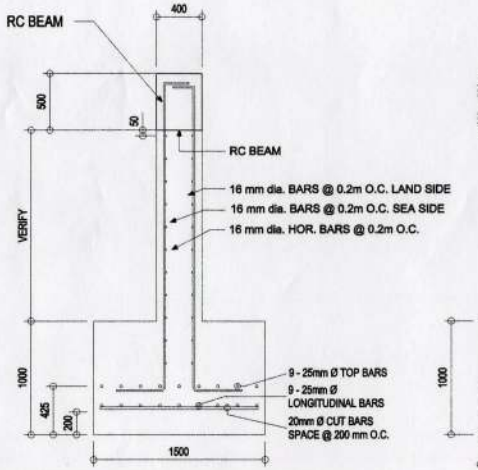
RC BEAM DET.



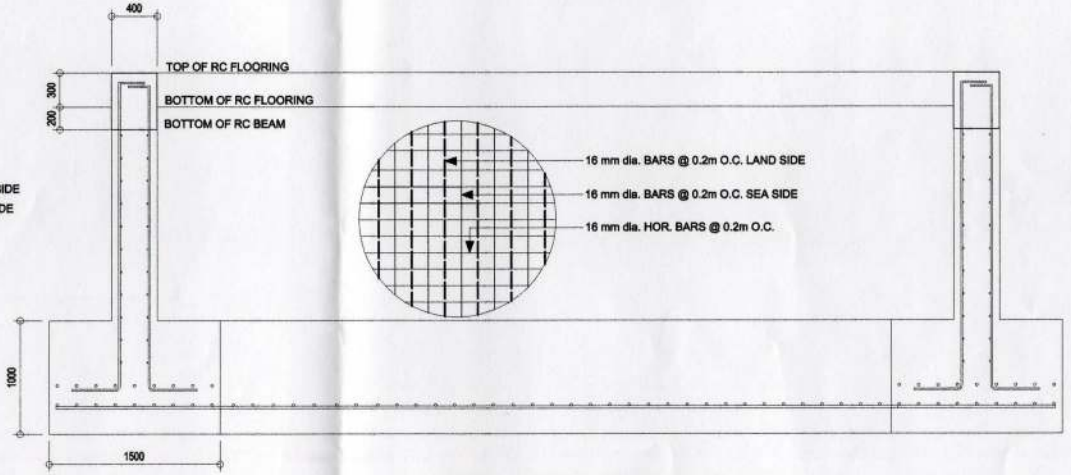
RC COLUMN DET.



CURTAIN WALL DETAIL



PEDESTAL WALL AND FOOTING DETAIL



DETAIL SECTION OF PEDESTAL WALL

05.1 DETAIL OF RC BEAM, RC COLUMN, CURTAIN WALL AND PEDESTAL WALL

SCALE 1: 40 METERS

PHILIPPINE PORTS AUTHORITY

PREPARED BY:
LOY JOHANNE L. BEDICO
CONSTRUCTION FOREMAN

CHECKED & RECOMMENDING APPROVAL BY:
GARY LEE L. ANGHAG
ACTING ESD MANAGER

APPROVED BY:
ANALEE G. AGUILA
ACTING PORT MANAGER

OWNER:
ANALEE G. AGUILA
ACTING PORT MANAGER

PROJECT TITLE:
RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)

LOCATION:
BABAK DISTRICT
ISLAND GARDEN CITY OF SAMAL

SHEET CONTENTS:
DETAIL OF RC BEAM, DETAIL SECTION OF PEDESTAL WALL
DETAIL OF RC COLUMN
CURTAIN WALL DETAIL
DETAIL OF PEDESTAL WALL AND FOOTING DETAIL

REVISIONS

DATE	REMARKS
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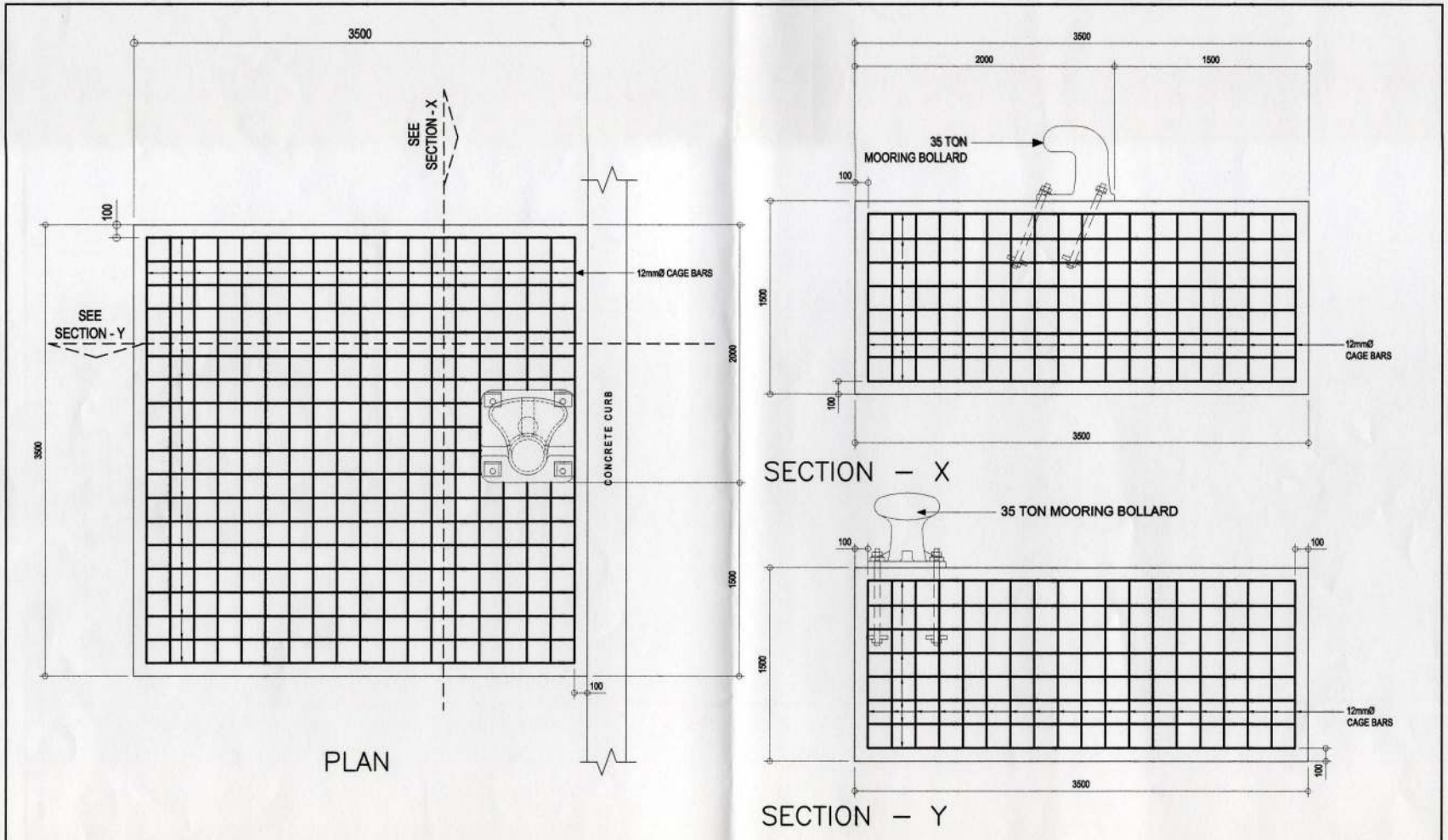
ADDENDUM

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PROJECT	-
DATE	-
DRAWN	-

SHEET NO. 05 OF 7

CADD BY: GDOCTURA
DATE DRAWN: 04-28-17
DATE UPDATED: 05-25-17

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06.1 **DETAIL OF MOORING BLOCK**
SCALE 1:30 METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:	CHECKED & RECOMMENDING APPROVAL BY:	APPROVED BY:
LOY JOHANNE L. BEDICO CONSTRUCTION FOREMAN	GARY LEE L. LANCHAG ACTING ESD MANAGER	ANALEE G. AGUILA ACTING PORT MANAGER

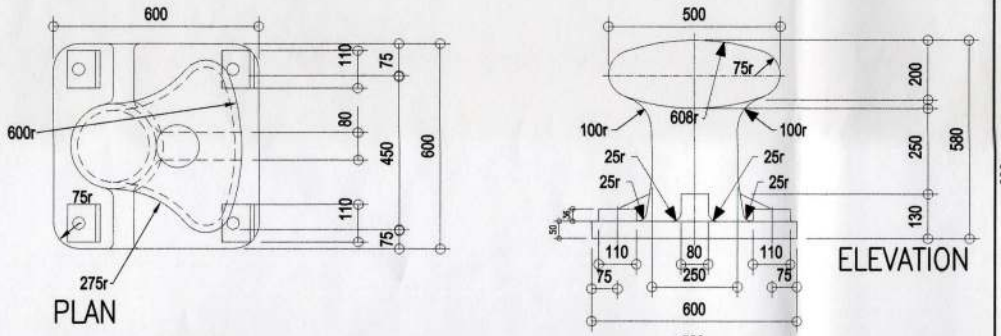
OWNER:	PROJECT TITLE:
ANALEE G. AGUILA ACTING PORT MANAGER	RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)
SHEET CONTENTS: DETAIL OF MOORING BLOCK	LOCATION: BABAK DISTRICT ISLAND GARDEN CITY OF SAMAL

REVISIONS		
DATE	REMARKS	
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ADDENDUM		
NO.	-	
DATE	-	

SHEET NO. 06 OF 7

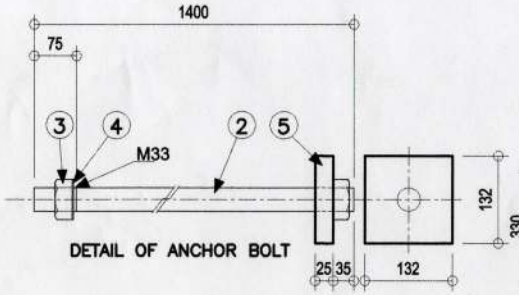
CADD BY: ZOOCTURA
DATE DRAWN: 03-28-17
DATE UPDATED: 09-25-17

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).

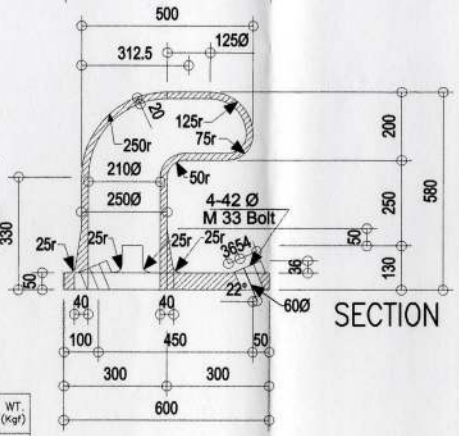


PLAN

ELEVATION



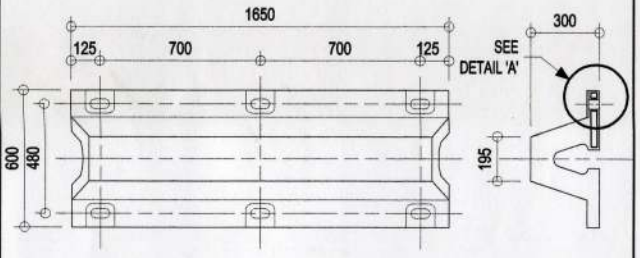
DETAIL OF ANCHOR BOLT

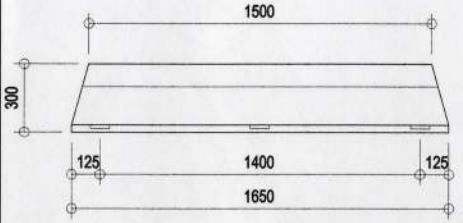


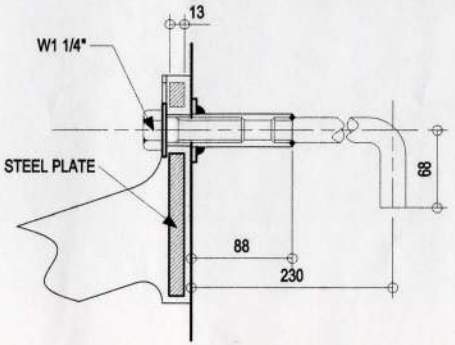
SECTION

MATERIALS AND WEIGHT (35 tons)

NO.	DESCRIPTION	MATERIALS AND SPECIFICATION	ALLOW. STRESS (Kgf/cm 2)	QTY.	WEIGHT PER Pc. (Kgf)	WT. (Kgf)
1	BODY	JIS G 5101 3 GRADE SC 46	1,400	1	440	440
2	ANCHOR BOLT	JIS G 3101 2 GRADE SS41 JIS B 0205 M 33–3.5	1,400	6	9	54
3	HEXAGON NUTS	JIS B 1181 I GRADE 4T. M33–3.5	–	12	–	–
4	PLAIN WASHER	JIS B 1256 ROUND STEEL	–	6	–	–
5	ANCHOR RING	JIS G 3101 2 GRADE SS41 OR JIS G 5101 3 GRADE SC46	1,400	6	8	48







DETAIL 'A'

07.1 DETAIL OF 35 TONS MOORING BOLLARD
SCALE 1: 20 METERS

07.2 DETAIL OF RUBBER DOCK FENDER
SCALE 1: 20 METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:
LOY JOHANNE L. BEDICO
CONSTRUCTION FOREMAN

CHECKED & RECOMMENDING APPROVAL BY:
GARY LEE L. ANGHAG
ACTING ESD MANAGER

APPROVED BY:
ANALEE G. AGUILA
ACTING PORT MANAGER

OWNER: ANALEE G. AGUILA, ACTING PORT MANAGER

PROJECT TITLE: RECONSTRUCTION OF RORO RAMP PHASE III, BABAK, ISLAND GARDEN CITY OF SAMAL (IGACOS)

LOCATION: BABAK DISTRICT, ISLAND GARDEN CITY OF SAMAL

SHEET CONTENTS: DETAIL OF 35 TONS MOORING BOLLARD; DETAIL OF RUBBER DOCK FENDER

REVISIONS

DATE	REMARKS
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ADDENDUM

NO.	–
PROJECT	–
DATE	–
DRAWN	–

SHEET NO. 07 OF 7

CADD BY: IGACOS\DRA
DATE DRAWN: 09-28-17
DATE UPDATED: 09-25-17

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