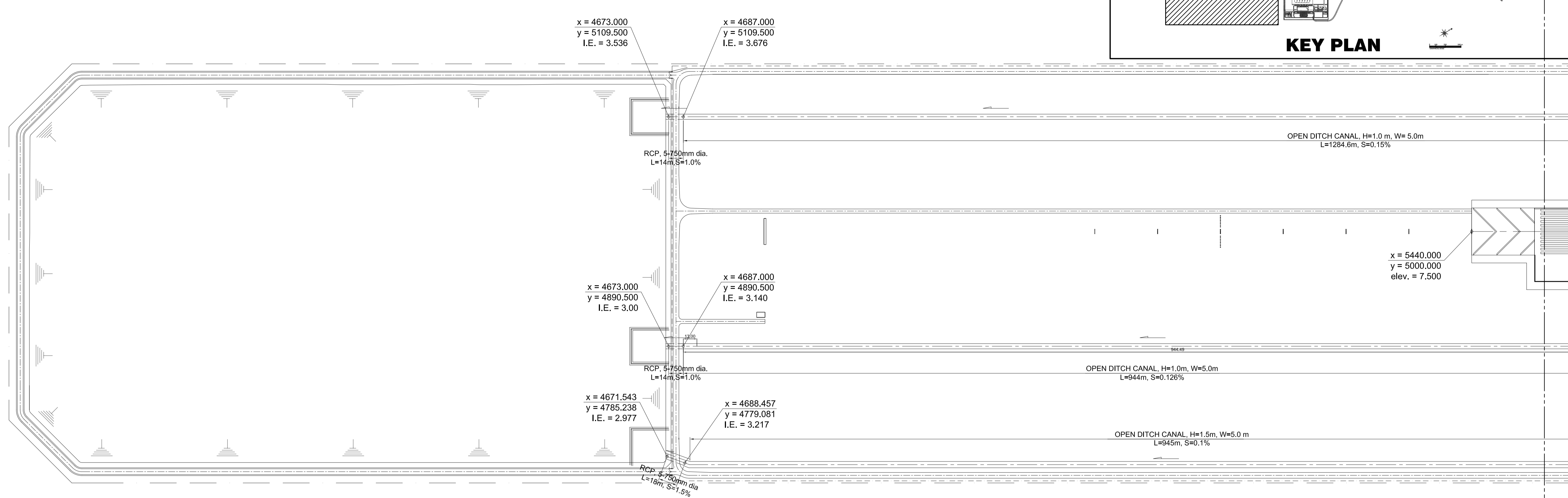


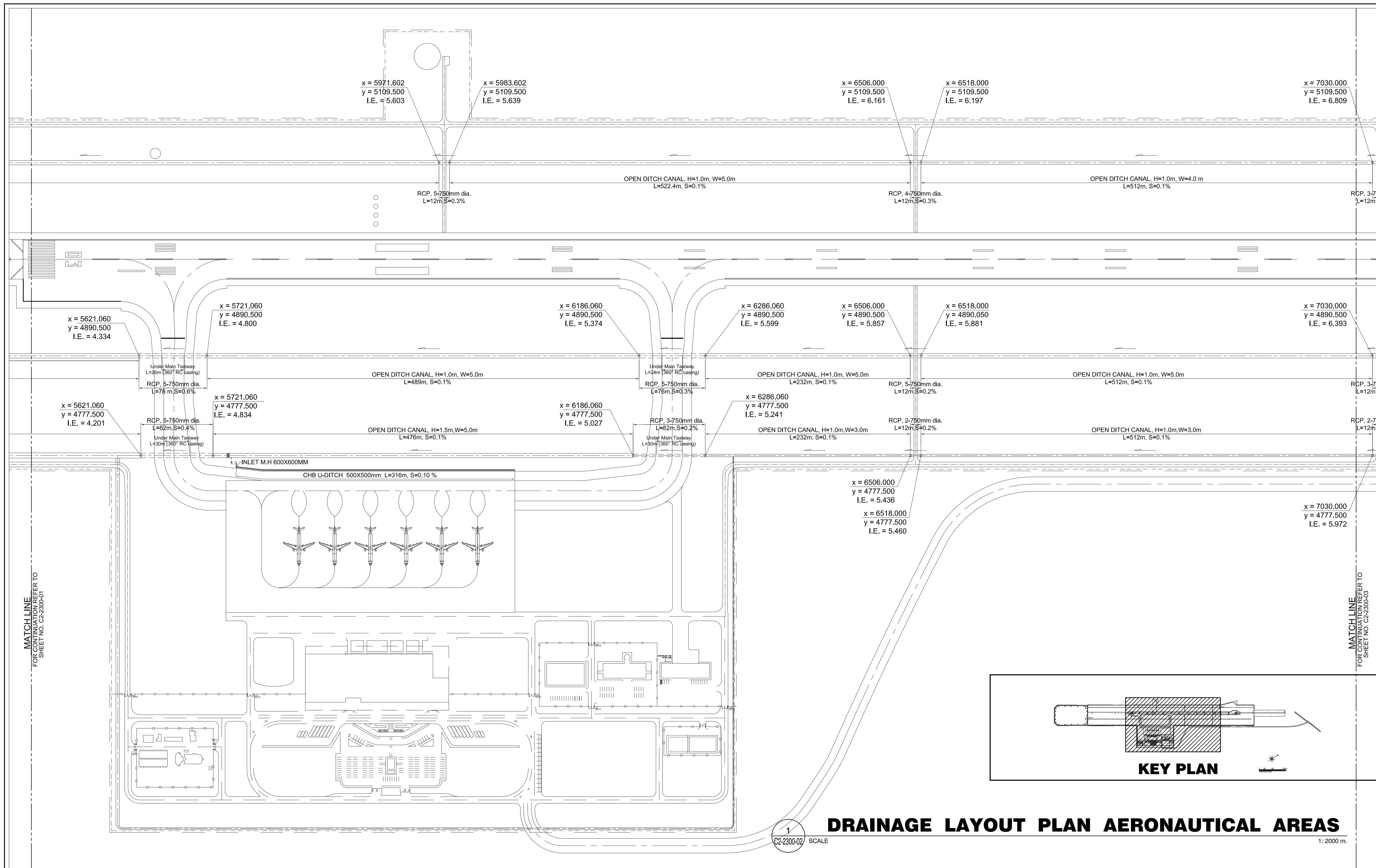
**KEY PLAN**



MATCH LINE FOR CONTINUATION REFER TO SHEET NO. C2-2300-02

1
**DRAINAGE LAYOUT PLAN AERONAUTICAL AREAS**  
 SCALE 1: 2000 m

	Republic of the Philippines DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS	JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241</small> <small>REC. NO.: 34252 DATE: JULY 16, 2013</small> <small>T.I.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL:  <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary</small> <small>for Project Implementation, DOTC</small>	APPROVED:  <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary</small> <small>for Project Implementation, DOTC</small>	PROJECT TITLE: <p style="text-align: center;"><b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b></p> LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM DRAINAGE LAYOUT AERONAUTICAL AREAS (1)	SHEET NO: <b>C2-2300-01</b> DRAWING SCALE: 1:2000 m
	JICA DESIGN CONSULTANT JOINT VENTURE 		<b>TADASHI AOI</b> <small>Team Leader</small>			<small>JUNE 2013</small> DATE INDEX AMENDMENTS Prepared by WIM Checked by HC Validated by		

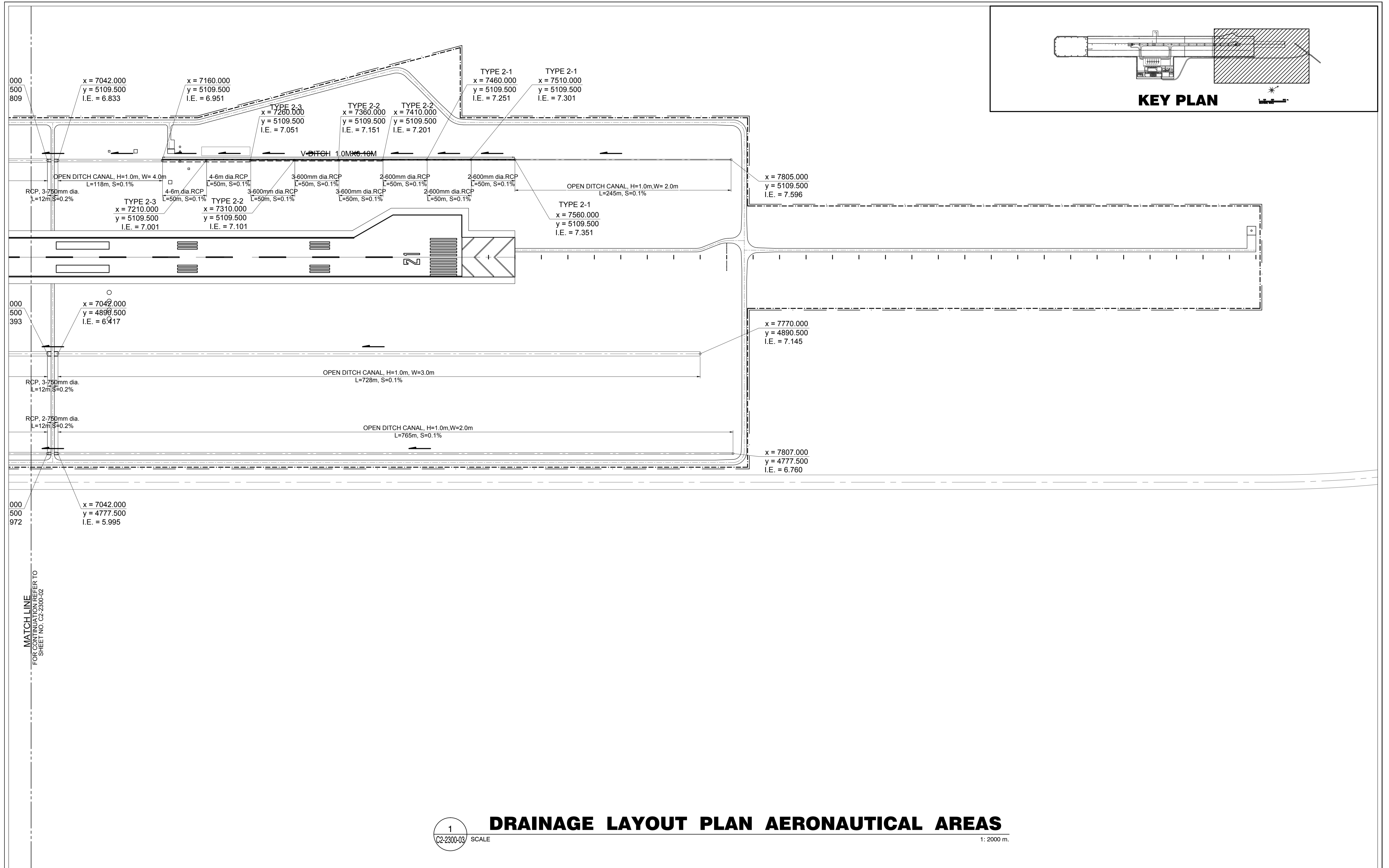


# DRAINAGE LAYOUT PLAN AERONAUTICAL AREAS

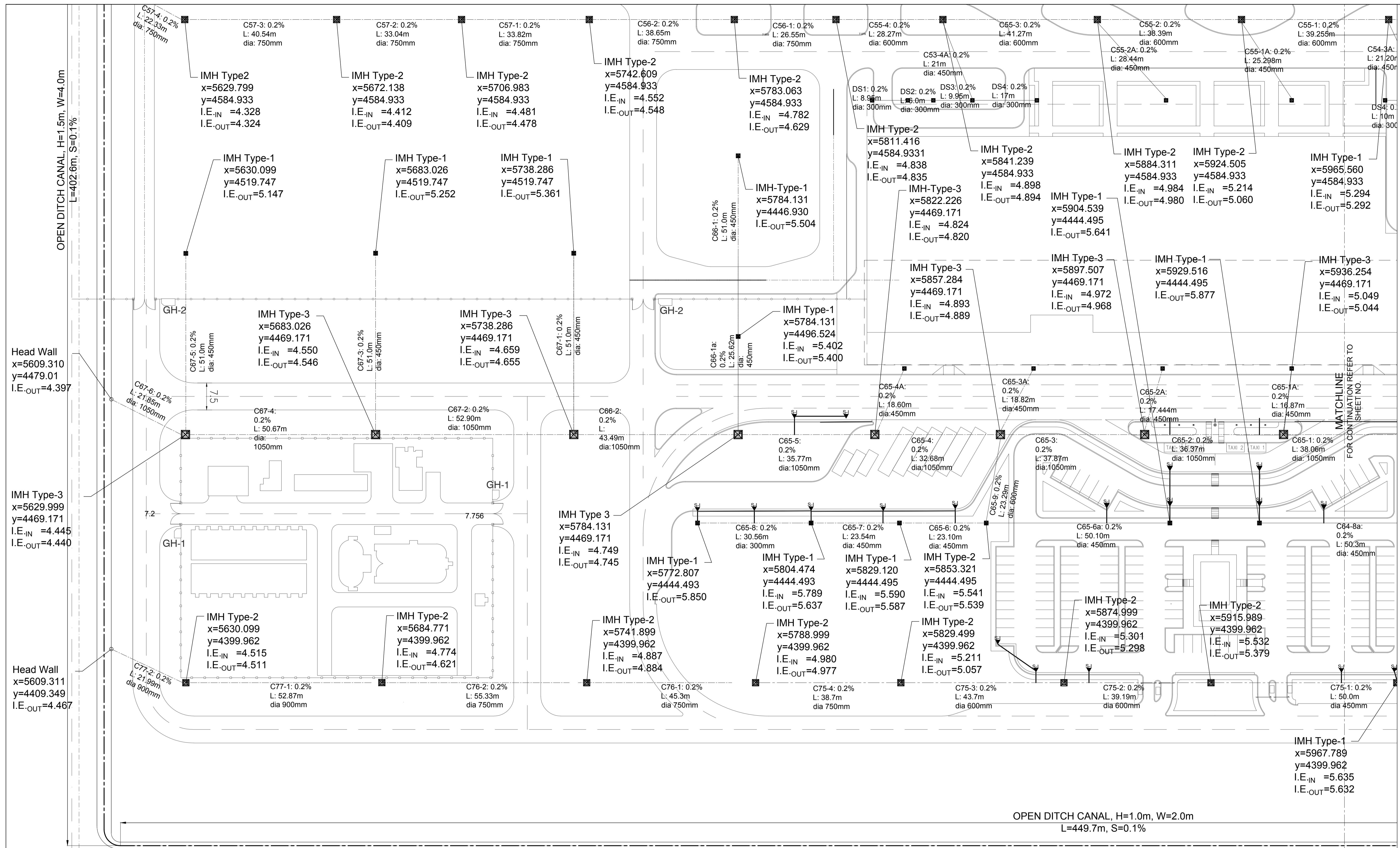
1  
C2-2300-02 SCALE

1:2000 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 16, 2013 T.I.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM DRAINAGE LAYOUT AERONAUTICAL AREAS (2)	SHEET NO: <b>C2-2300-02</b>
	JICA DESIGN CONSULTANT JOINT VENTURE	TADASHI AOI <small>Team Leader</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: IIC Validated by:



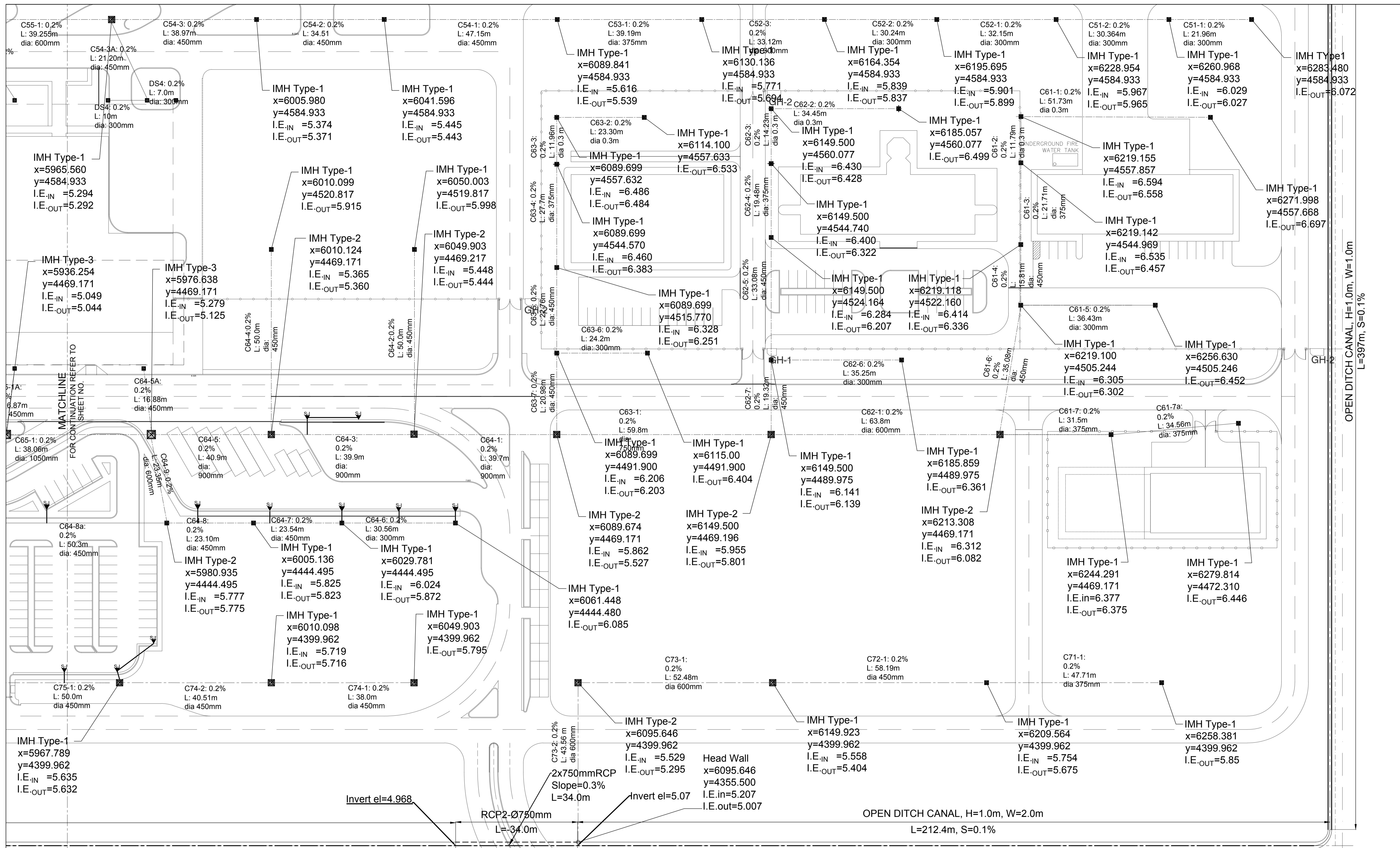
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM DRAINAGE LAYOUT AERONAUTICAL AREAS (3)	SHEET NO: <b>C2-2300-03</b>
	JICA DESIGN CONSULTANT JOINT VENTURE	DRAWING SCALE: 1:2000 m	DATE INDEX AMENDMENTS	Prepared by: WIM Checked by: HC Validated by:			



**1 DRAINAGE LAYOUT PLAN**  
SCALE 1:200 M.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM LANDSIDE DRAINAGE LAYOUT PLAN(1)	SHEET NO: <b>C2-2300-04</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NIPON KOEI</b> CO., LTD. <b>NIS CONSULTANTS</b> CO., LTD.	TADASHI AOI Team Leader	JILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	LOCATION: MUNICIPALITY OF PANGLOA, PROVINCE OF BOHOL, PHILIPPINES	DATE INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:

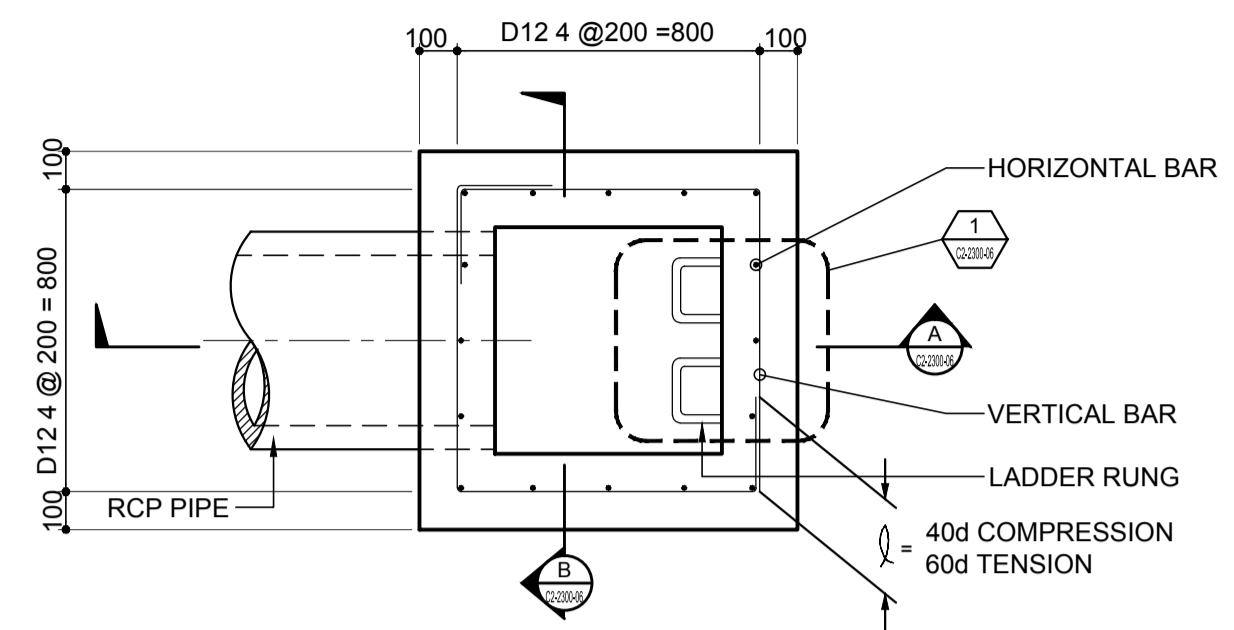




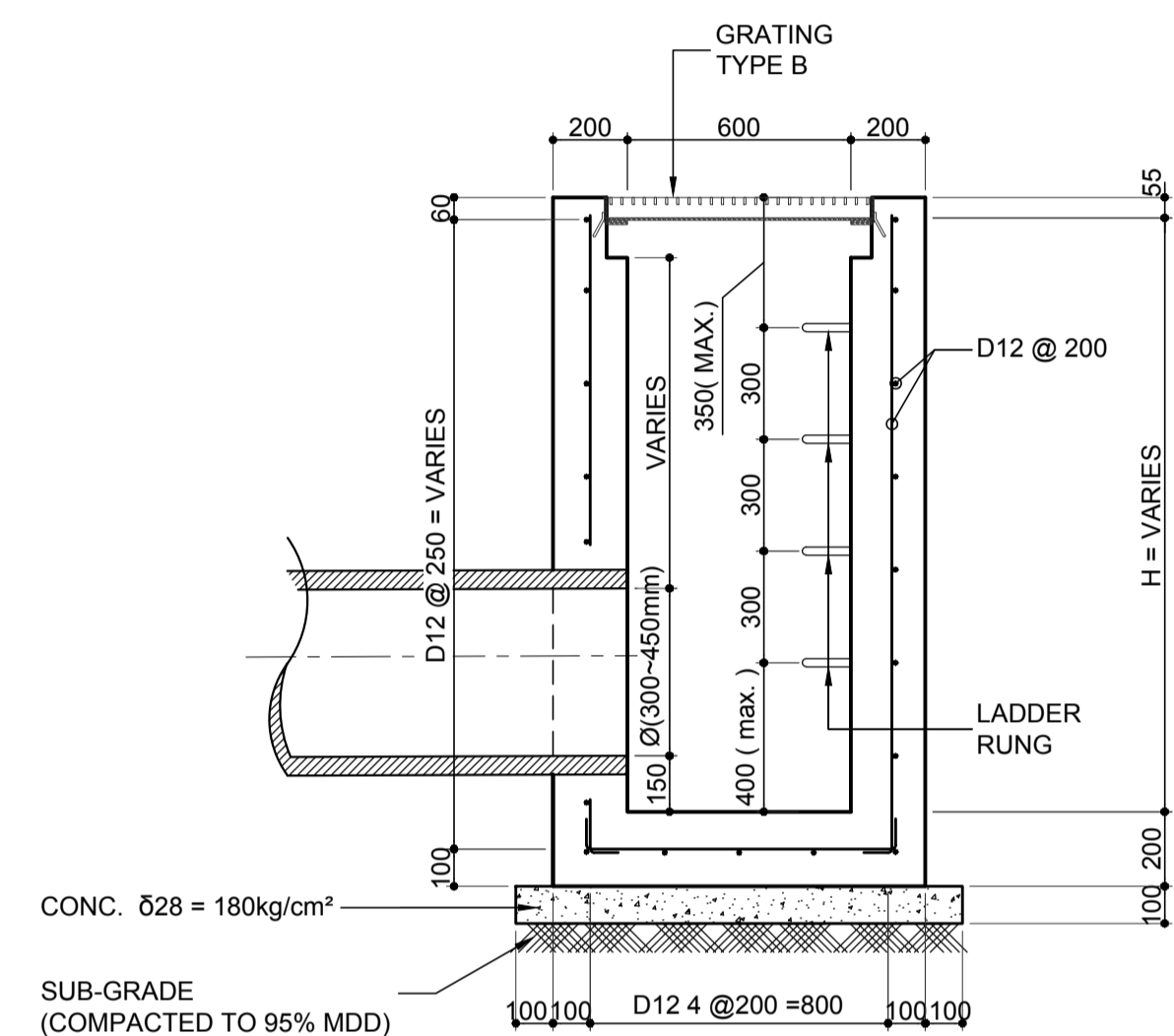
## DRAINAGE LAYOUT PLAN

2  
C2-2300-05 SCALE 1:200 M.

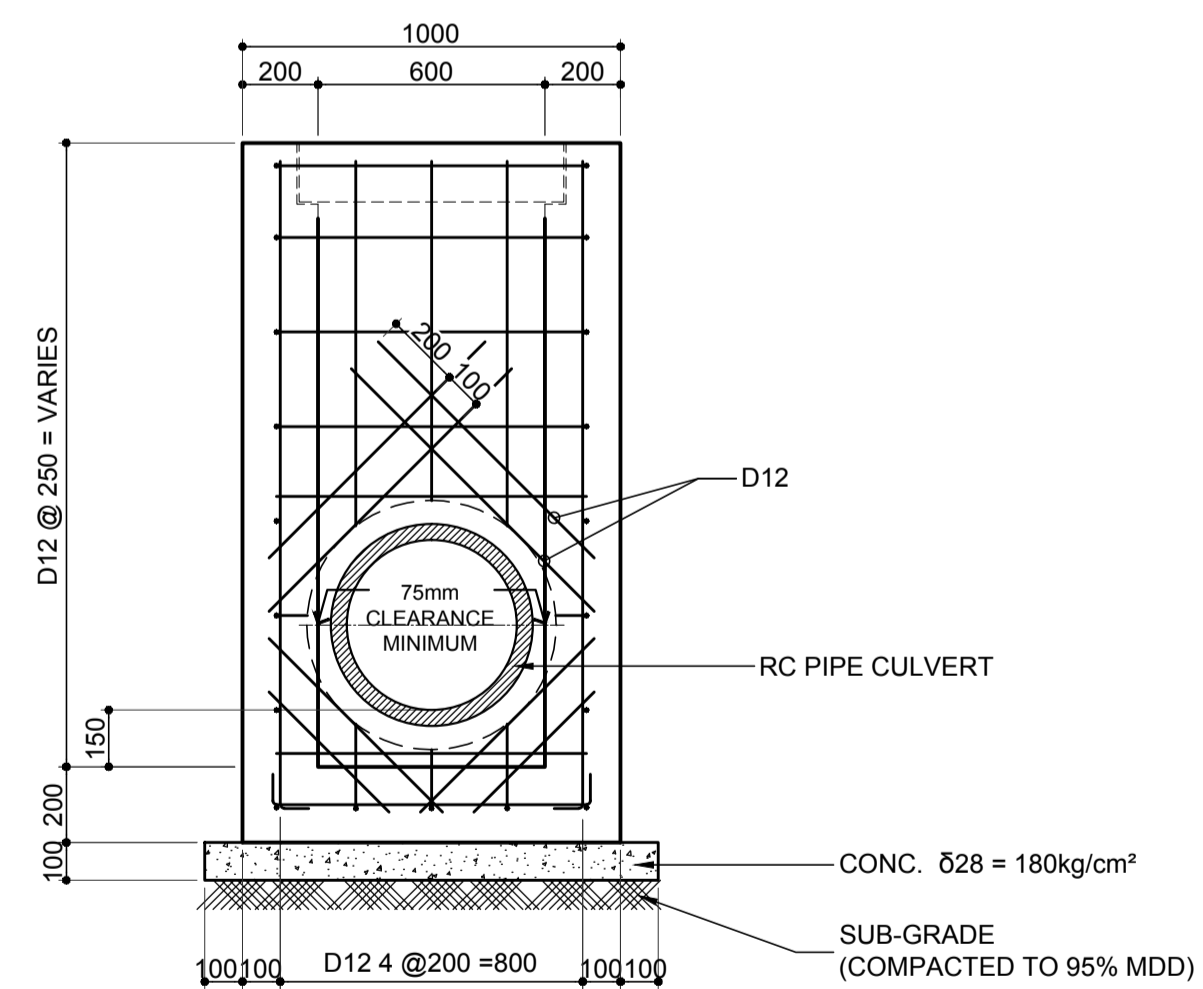
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <h3 style="text-align: center;">NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</h3> LOCATION: MUNICIPALITY OF PANGLOA, PROVINCE OF BOHOL, PHILIPPINES			SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM LANDSIDE DRAINAGE LAYOUT PLAN(2)	SHEET NO: <b>C2-2300-05</b>
	JICA DESIGN CONSULTANT JOINT VENTURE 	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:	DRAWING SCALE: <b>1:200 m</b>		



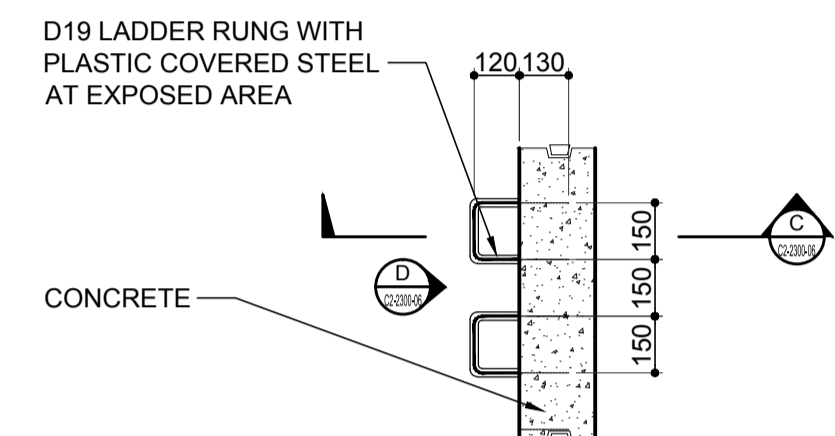
**1 PLAN VIEW OF TYPE 1 (SIZE 300~375mmØ)**  
SCALE: 1:20 m.



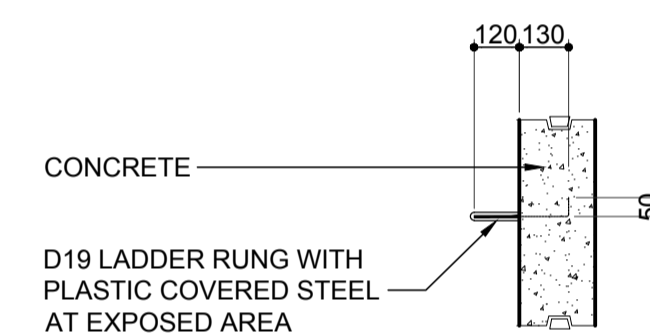
**A SECTION**  
SCALE: 1:20 m.



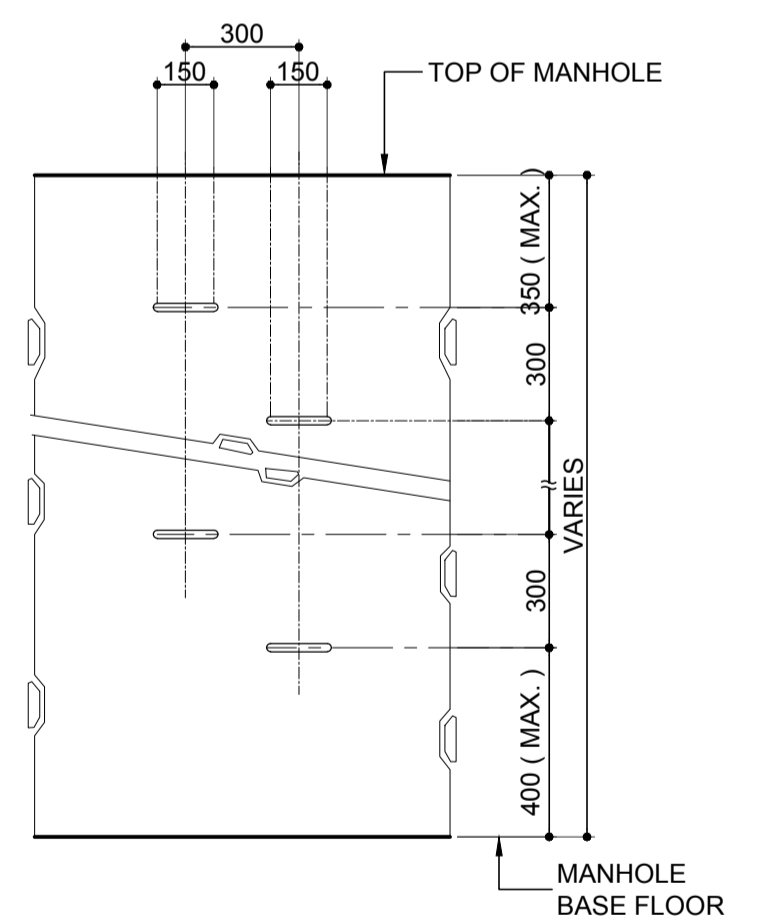
**B SECTION**  
SCALE: 1:20 m.



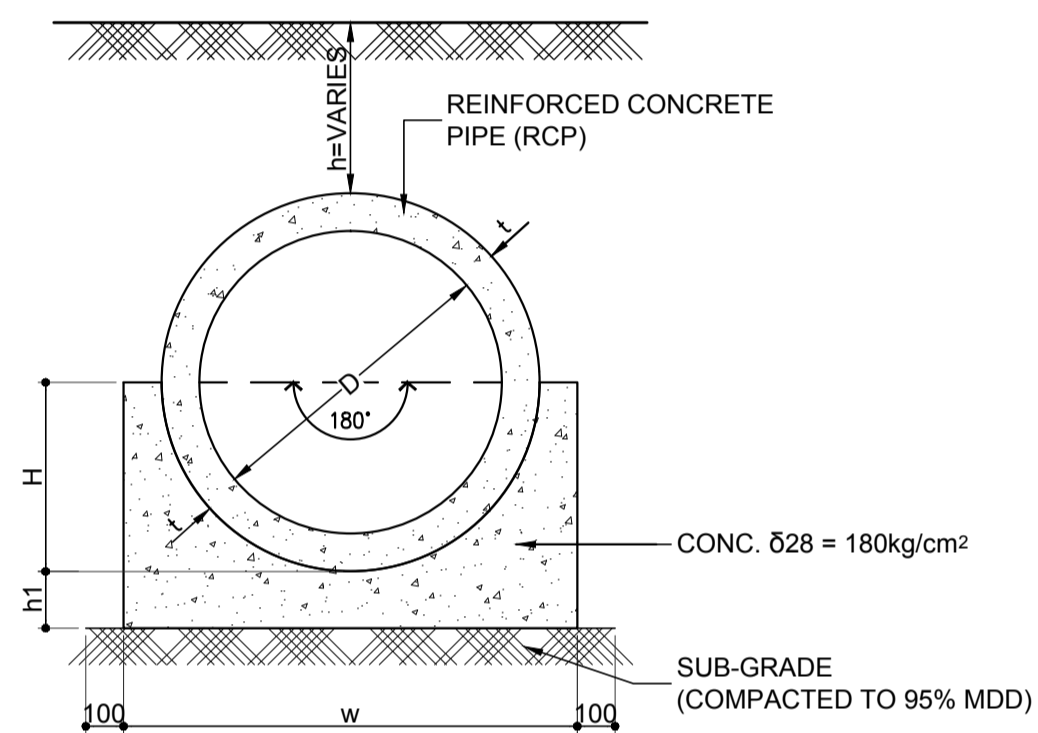
**1 DETAIL OF TYPICAL LADDER RUNG**  
SCALE: 1:20 m.



**C SECTION**  
SCALE: 1:20 m.



**D ELEVATION**  
SCALE: 1:20 m.



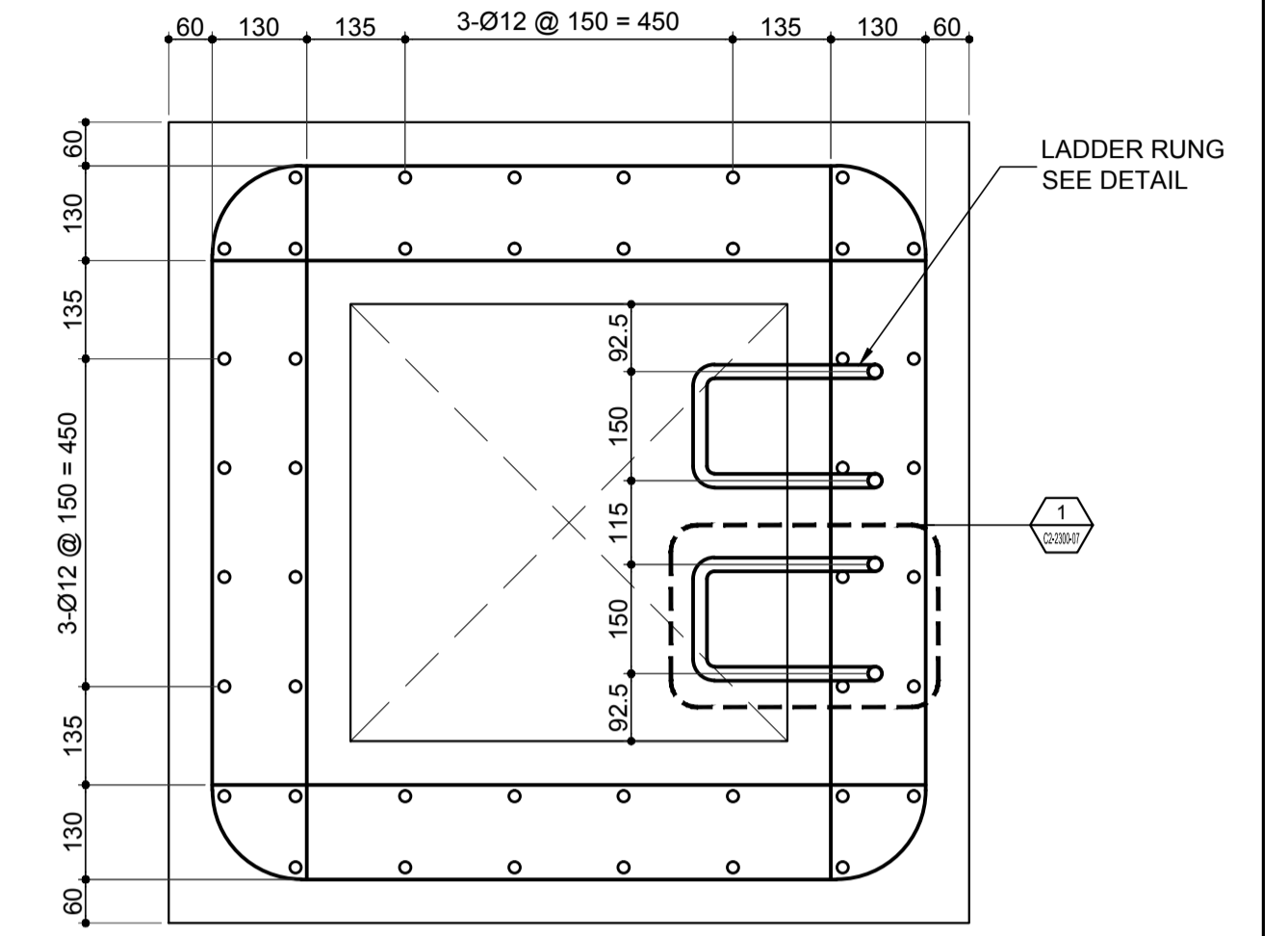
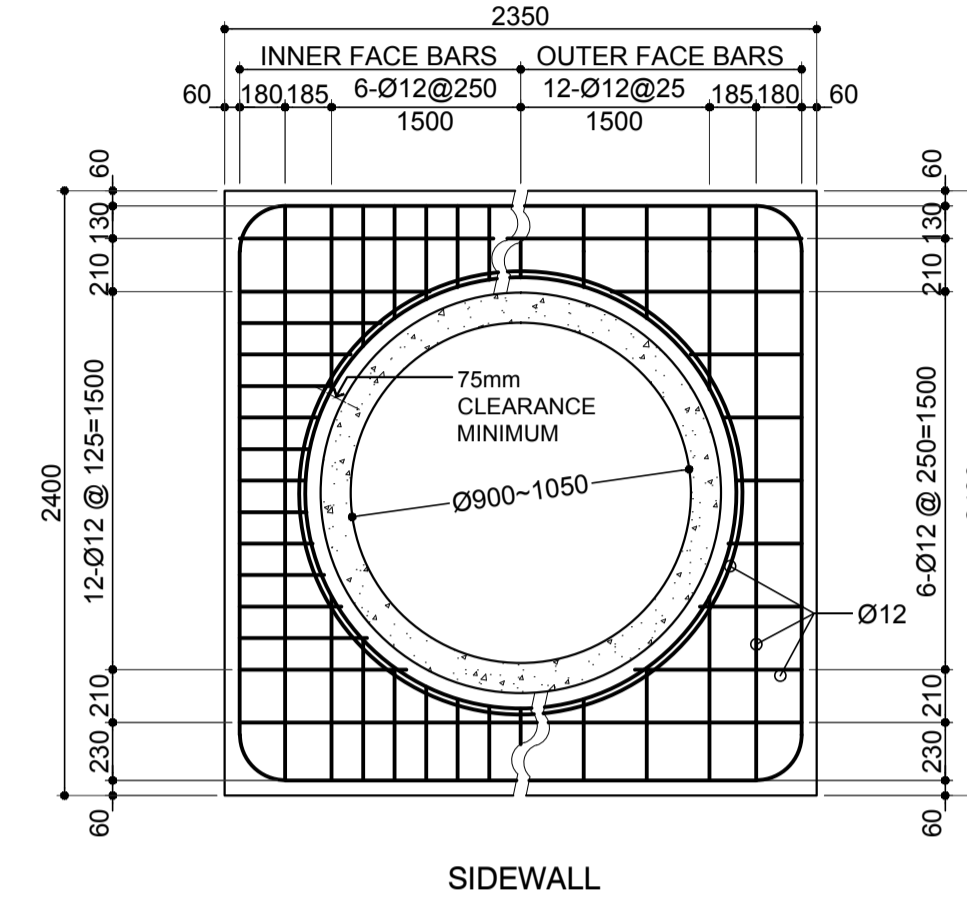
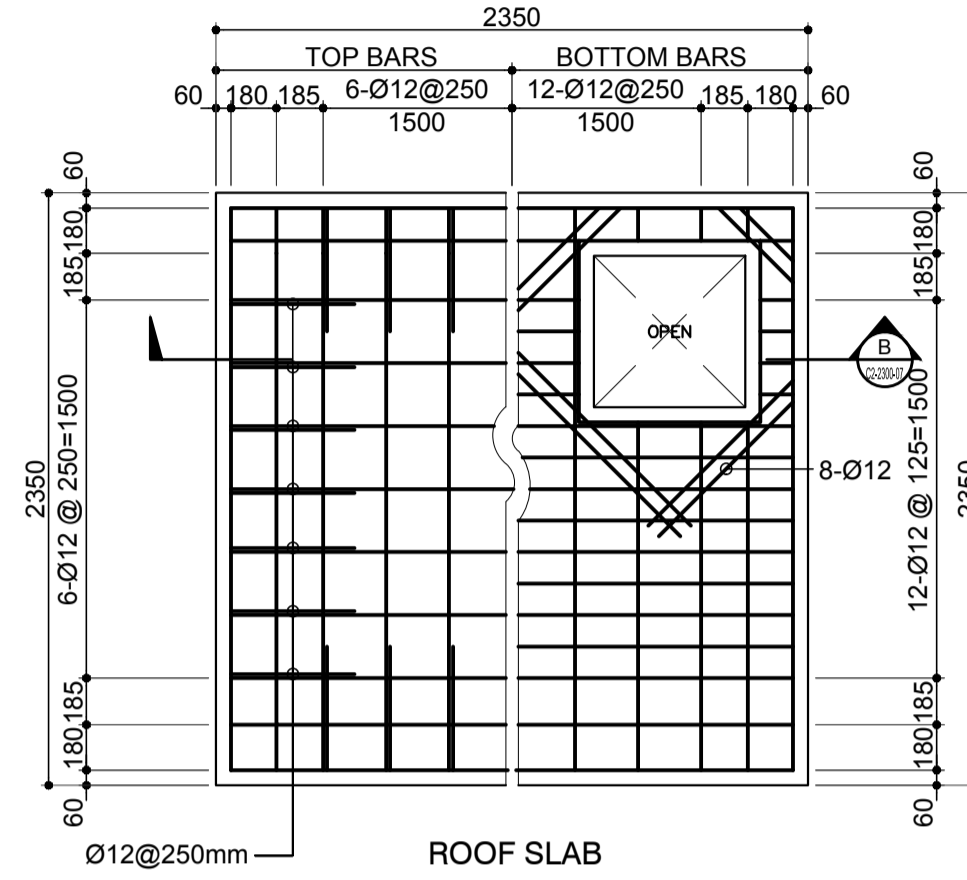
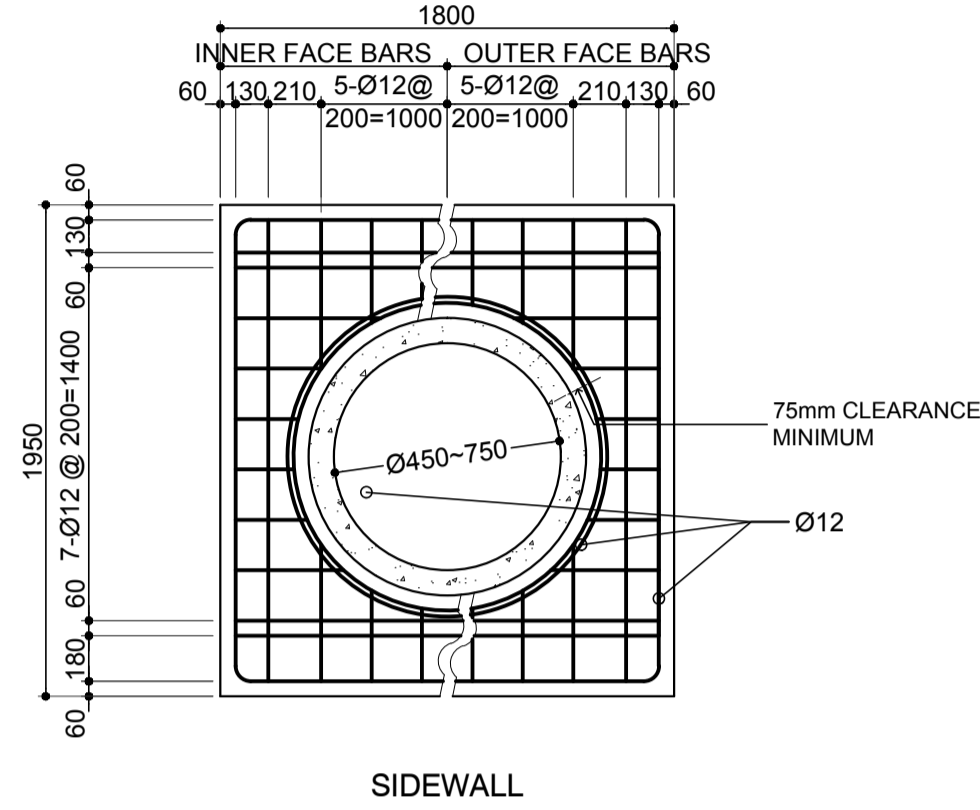
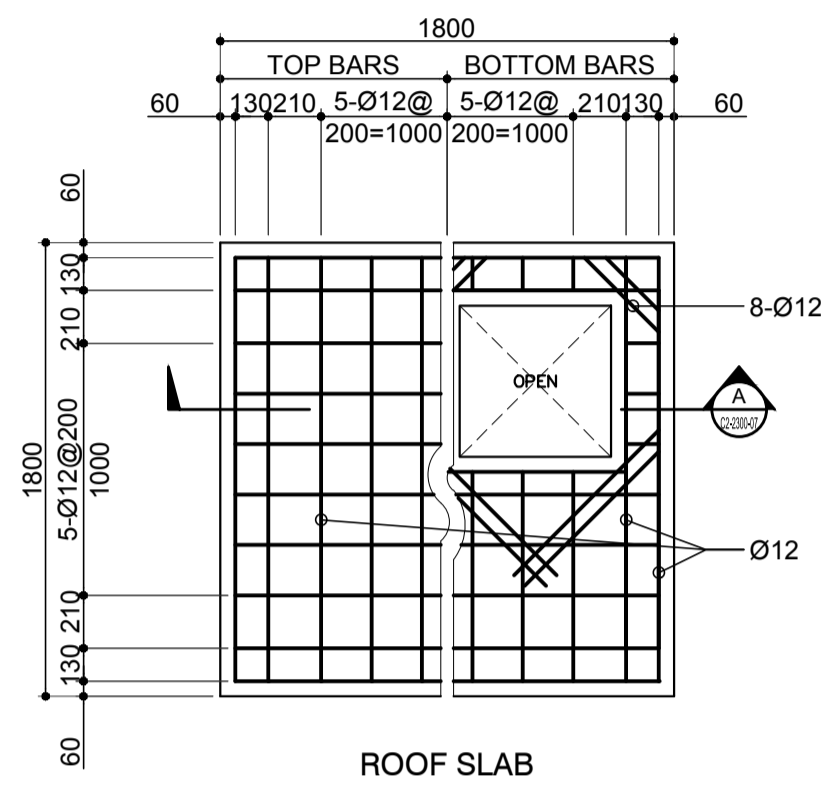
**SCHEDULE OF PIPES**

**PIPE CULVERT WITH 180° CONC. FOUNDATION**

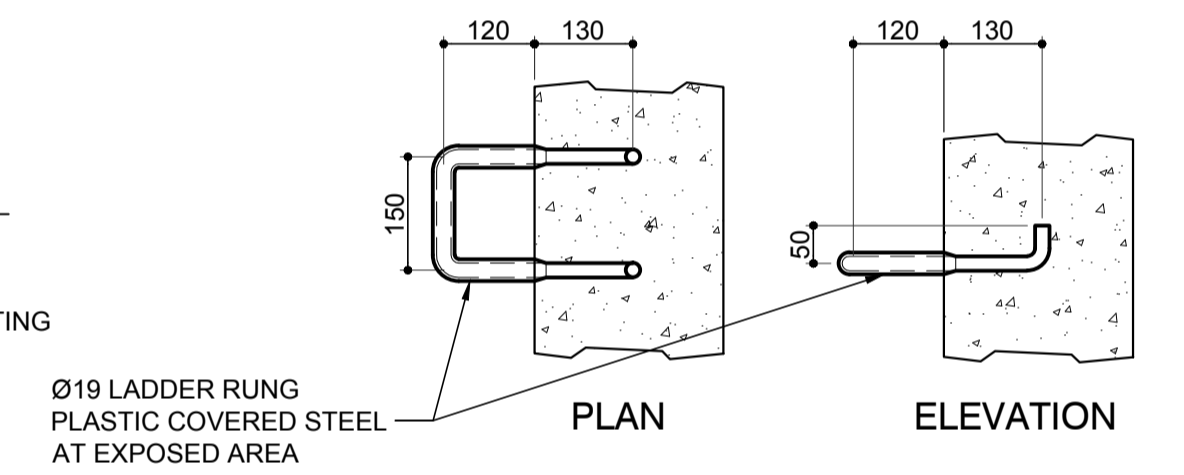
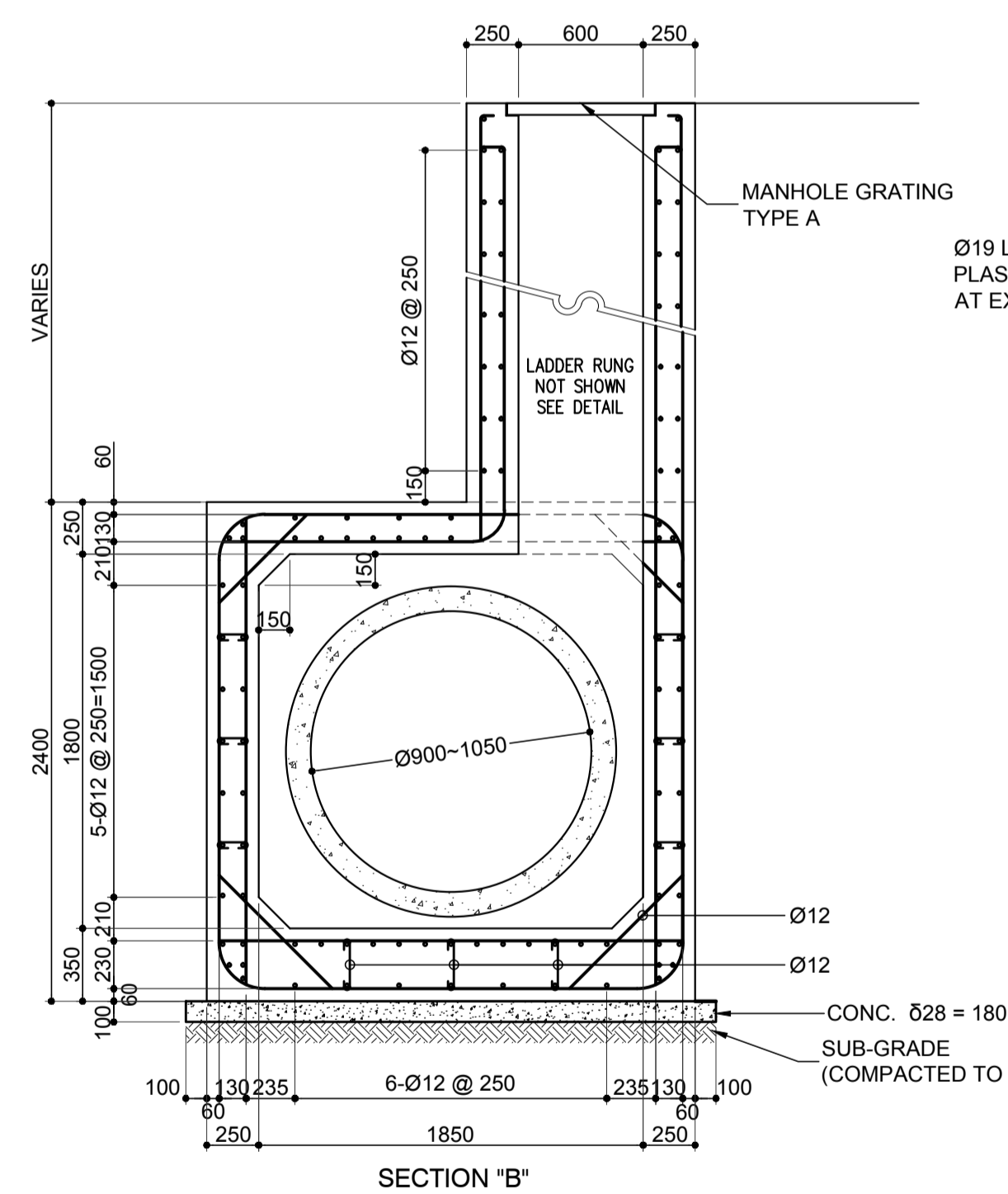
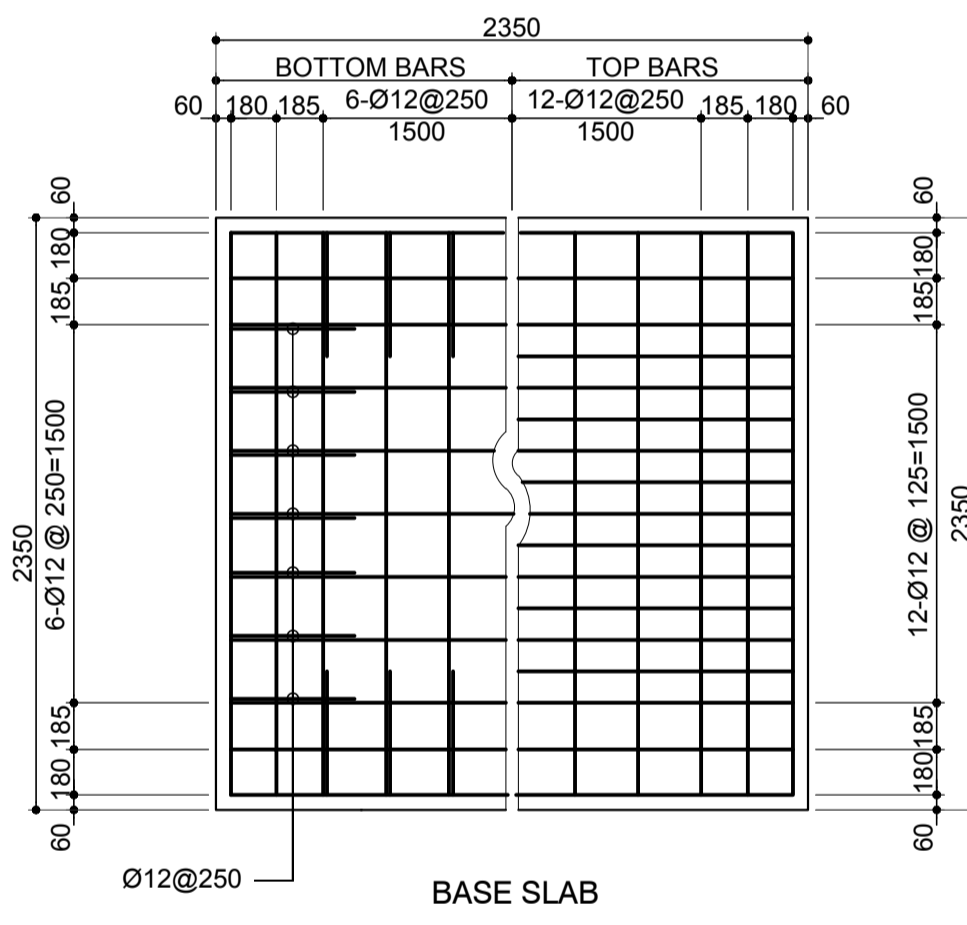
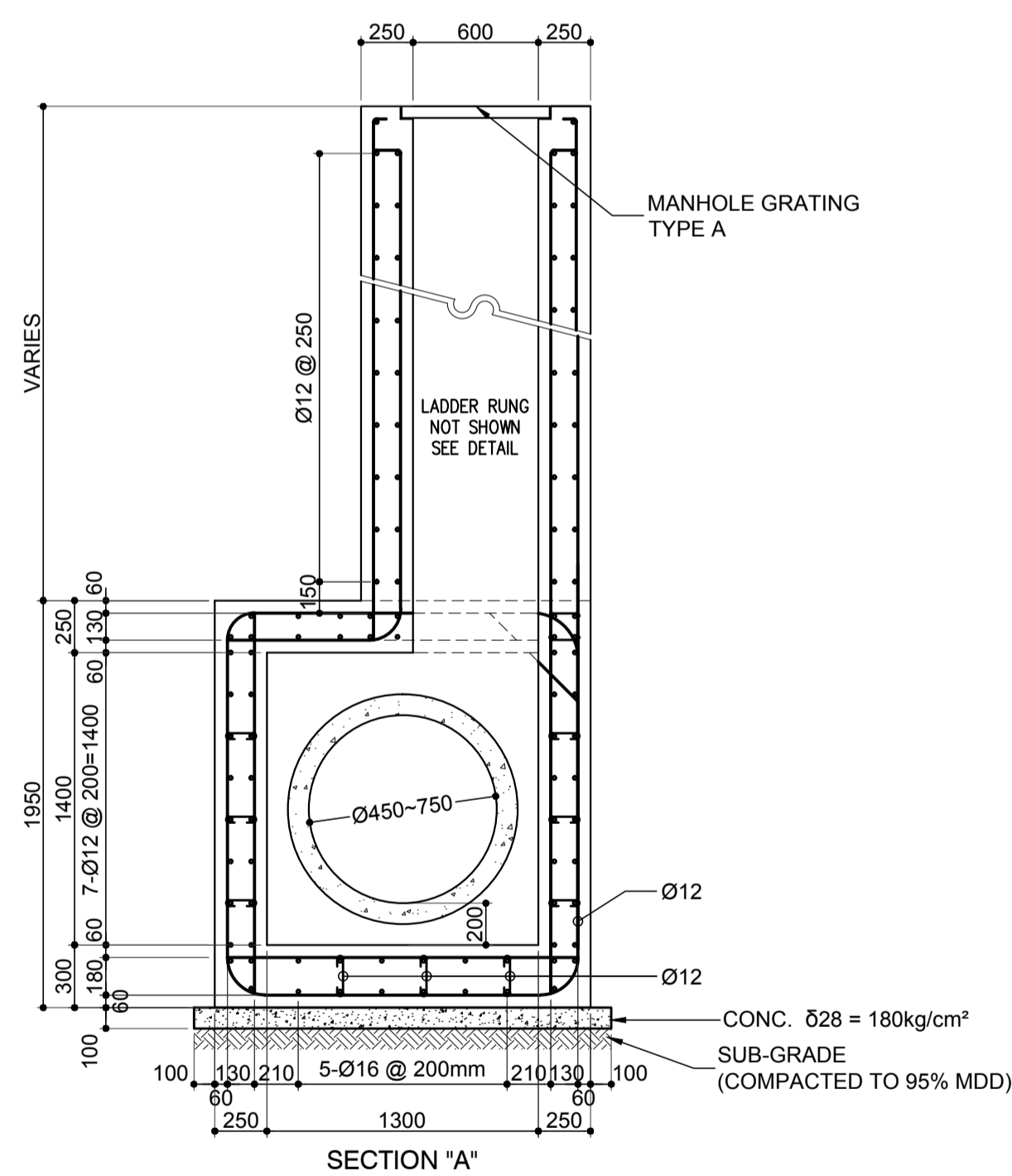
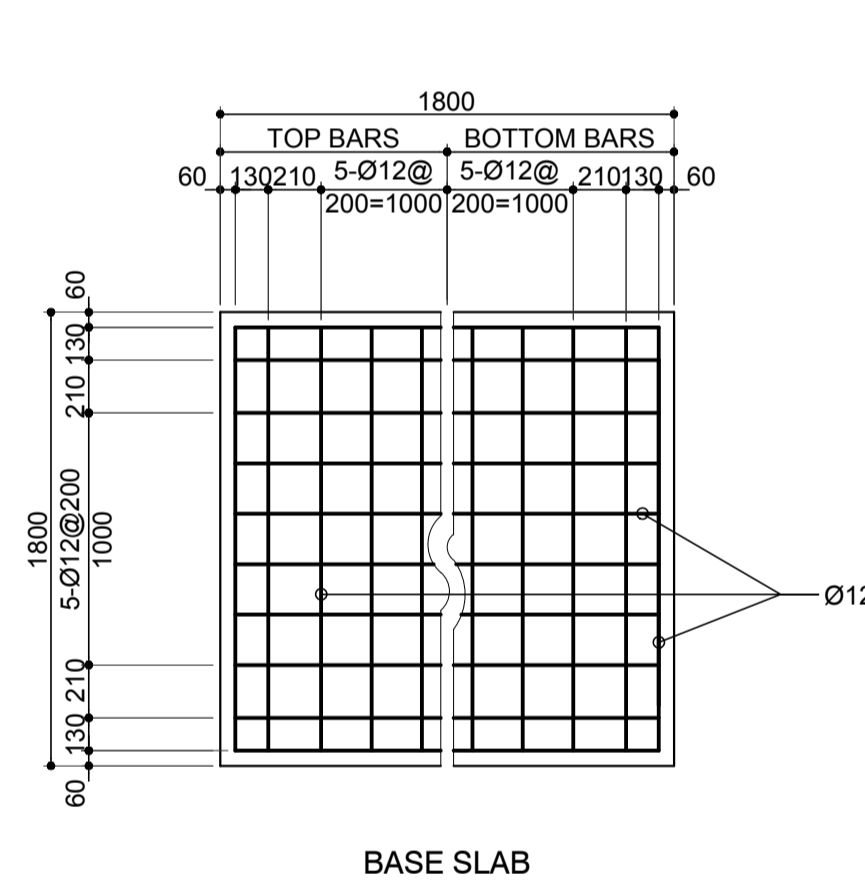
TYPE	D	t	h1	H	W
D-300	D-300	50	100	200	600
D-375	D-375	57	100	245	689
D-450	D-450	63	150	288	776
D-525	D-525	70	150	332	865
D-600	D-600	75	150	375	950
D-750	D-750	88	150	463	1,126
D-900	D-900	100	150	550	1,300
D-1050	D-1050	113	200	638	1,576
D-1200	D-1200	125	200	725	1,750
D-1350	D-1350	139	200	814	1,928
D-1500	D-1500	152	200	902	2,104
D-1800	D-1800	175	200	1,075	2,450

**4 CONCRETE BEDDING FOR RCP**  
SCALE: 1:100 m.

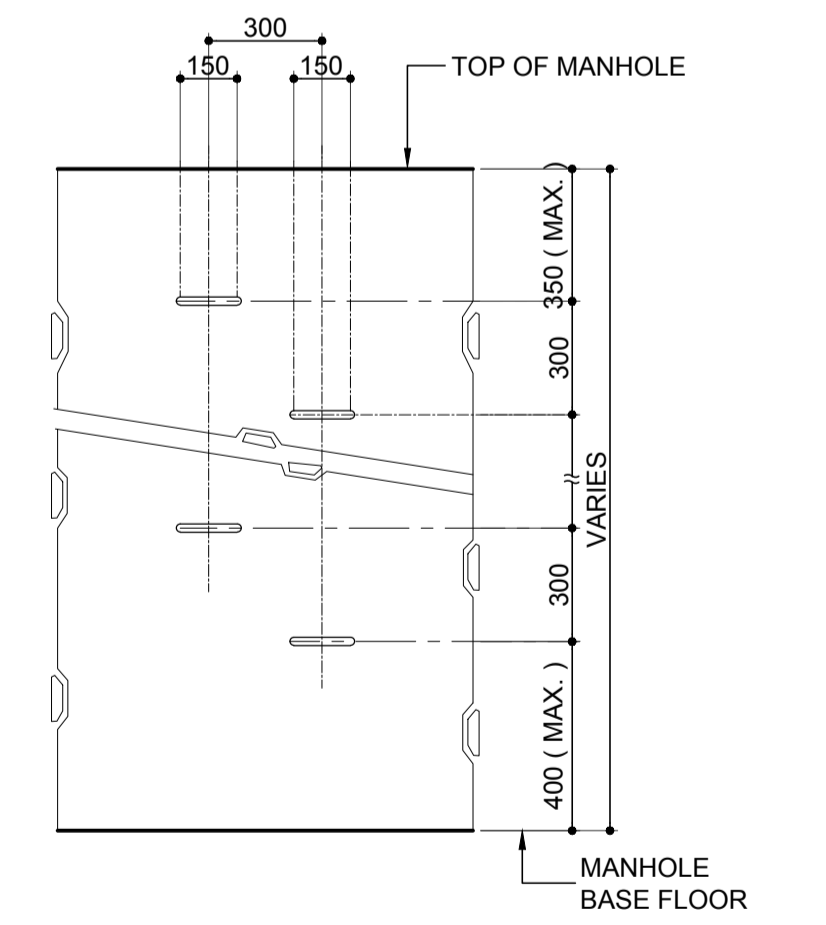
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PTR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM TYPICAL SECTION OF DRAINAGE SYSTEM (RCP AND MANHOLE TYPE-1)	SHEET NO: <b>C2-2300-06</b>	
	JICA DESIGN CONSULTANT JOINT VENTURE	TADASHI AOI <small>Team Leader</small>	JILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



3 SCALE 1:10 m.



1 SCALE 1:10 m.

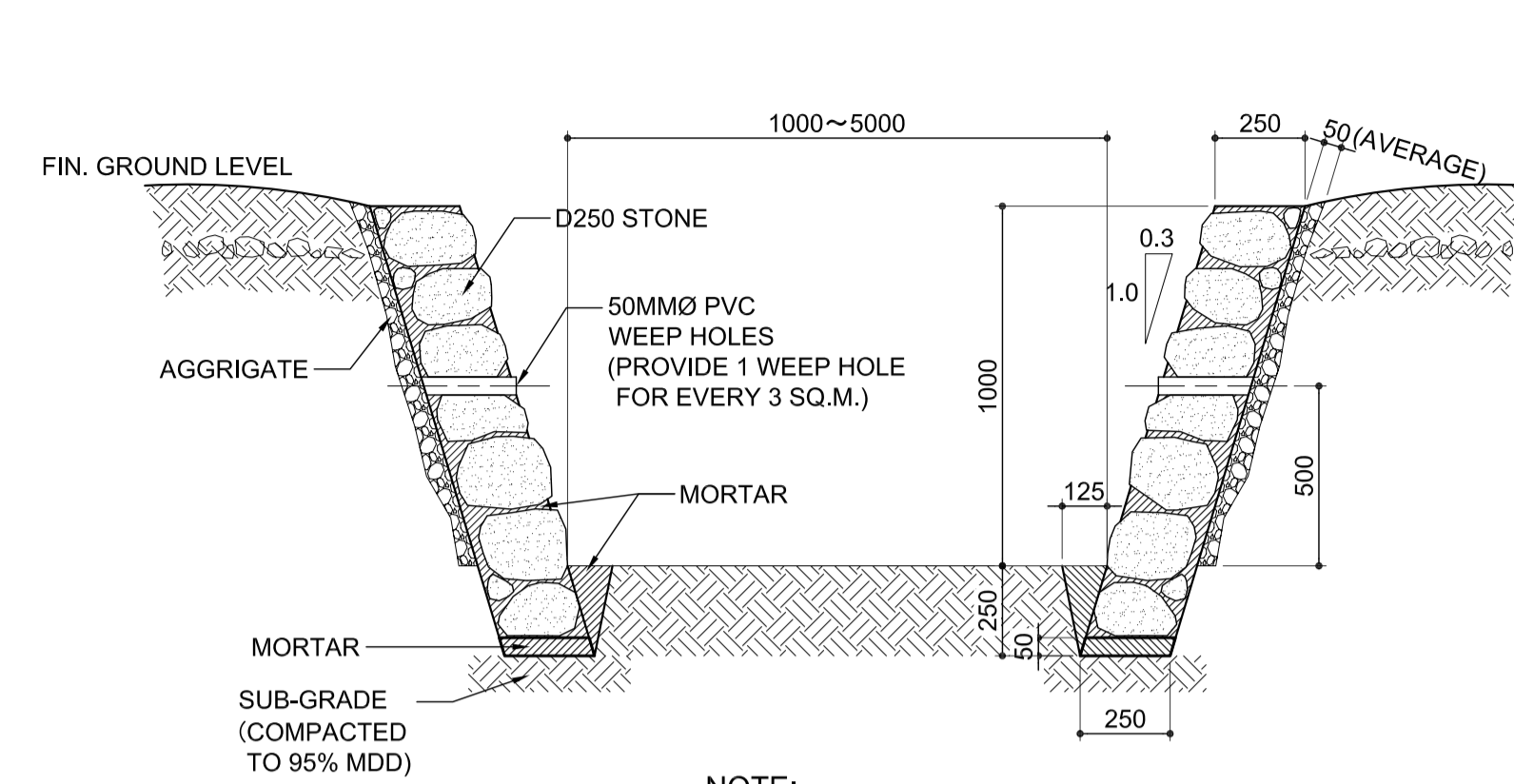


A SCALE 1:20 m.

1 PLAN VIEW OF TYPE 1 (SIZE 450~750mmØ) SCALE 1:30 m.

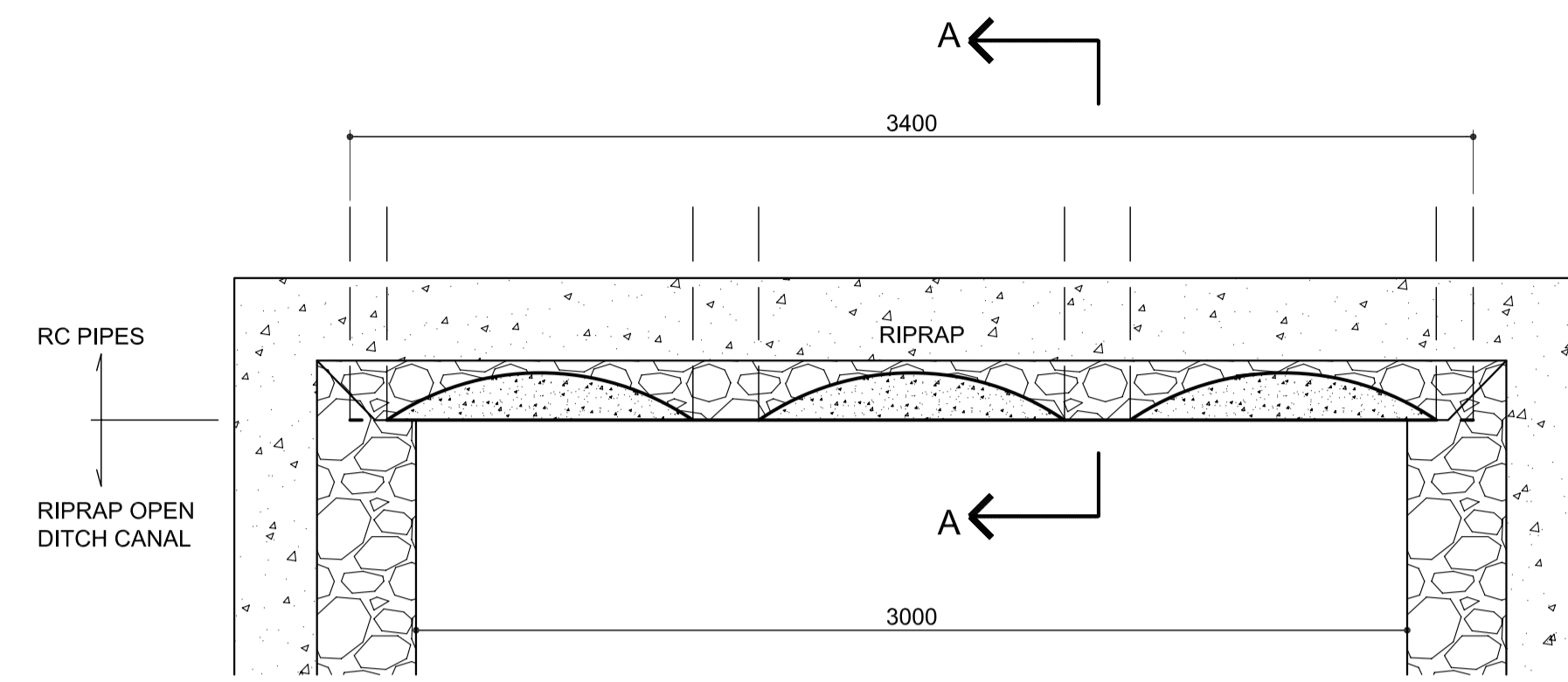
2 PLAN VIEW OF TYPE 1 (SIZE 900~1050mmØ) SCALE 1:30 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL: 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM TYPICAL SECTION OF DRAINAGE SYSTEM (MANHOLE TYPE-2 AND 3)	SHEET NO: <b>C2-2300-07</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NK</b> NIPPON KOEI CO., LTD. <b>NIS</b> NIS CONSULTANTS CO., LTD.	<b>TADASHI AOI</b> Team Leader	<b>ILDEFONSO T. PATDU, JR.</b> Assistant Secretary for Project Implementation, DOTC	<b>JULIANITO G. BUCAYAN, JR.</b> Undersecretary for Project Implementation, DOTC	DATE: JUNE 2013 INDEX AMENDMENTS	Prepared by: WIM Checked by: HC Validated by:	DRAWING SCALE: AS SHOWN

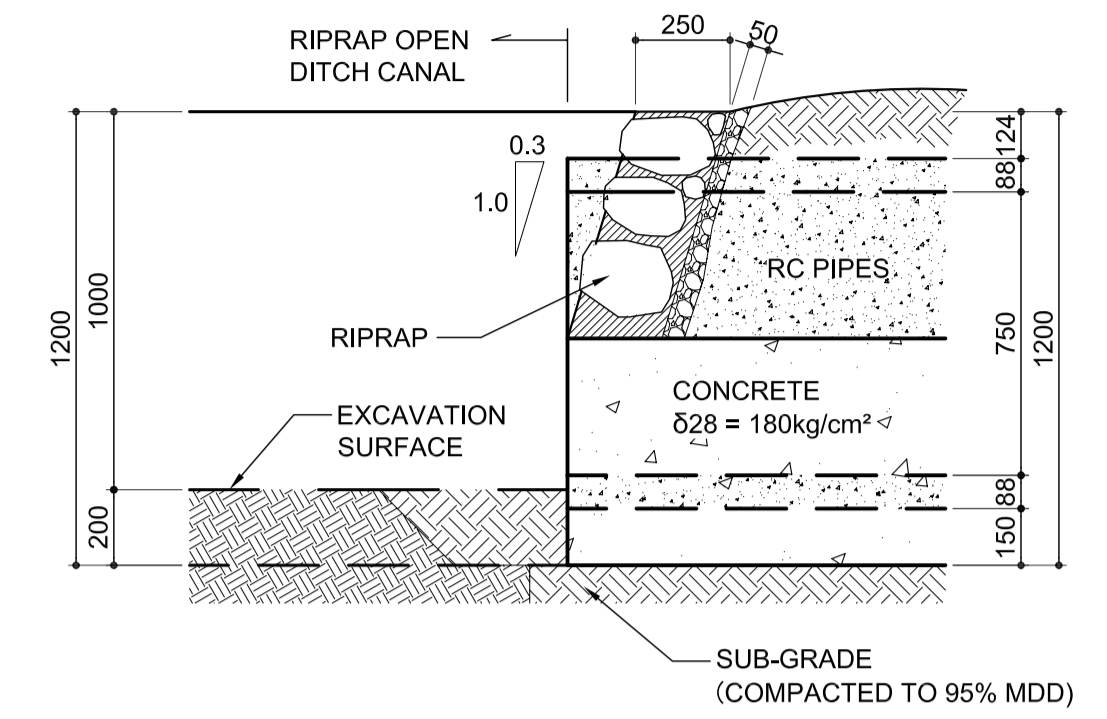


NOTE:  
EXPANSION JOINT SHALL BE PROVIDED @ EVERY 20 METERS.  
ALL DIMENSIONS ARE IN MILLIMETERS (mm)

1 **TYPICAL SECTION OF RIPRAP OPEN DITCH CANAL (TYPE-1)**  
SCALE: 1:20 m

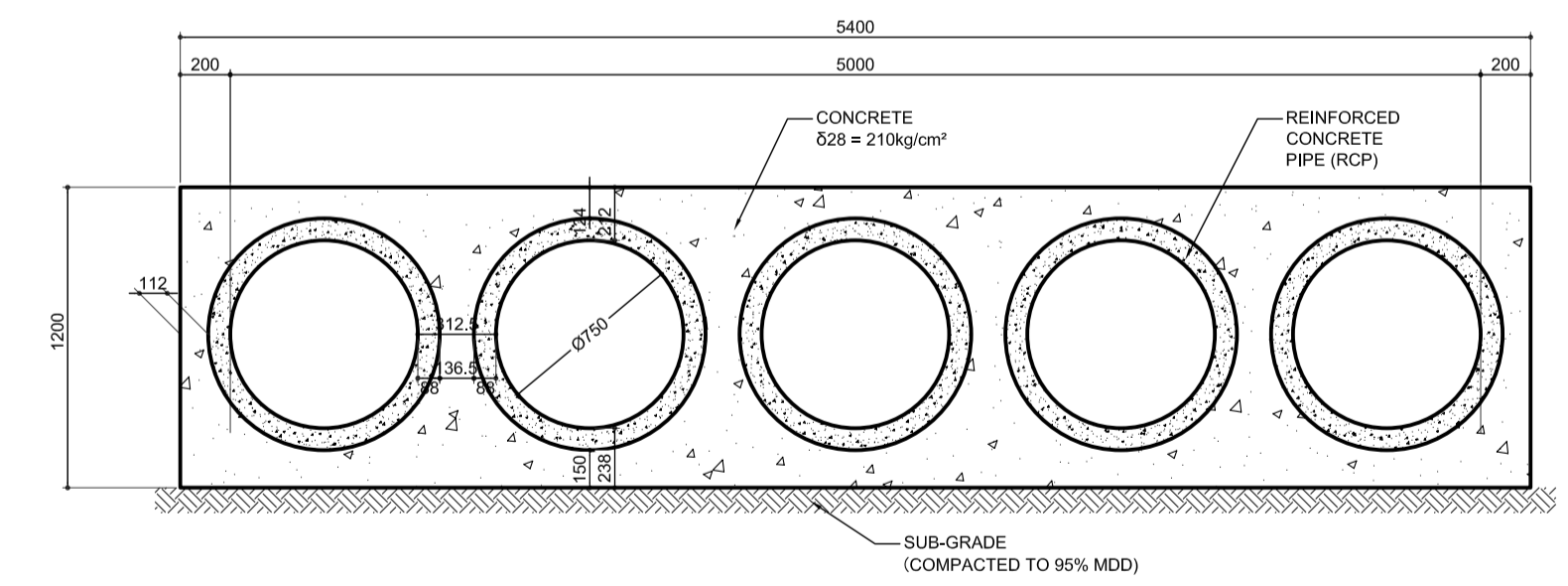
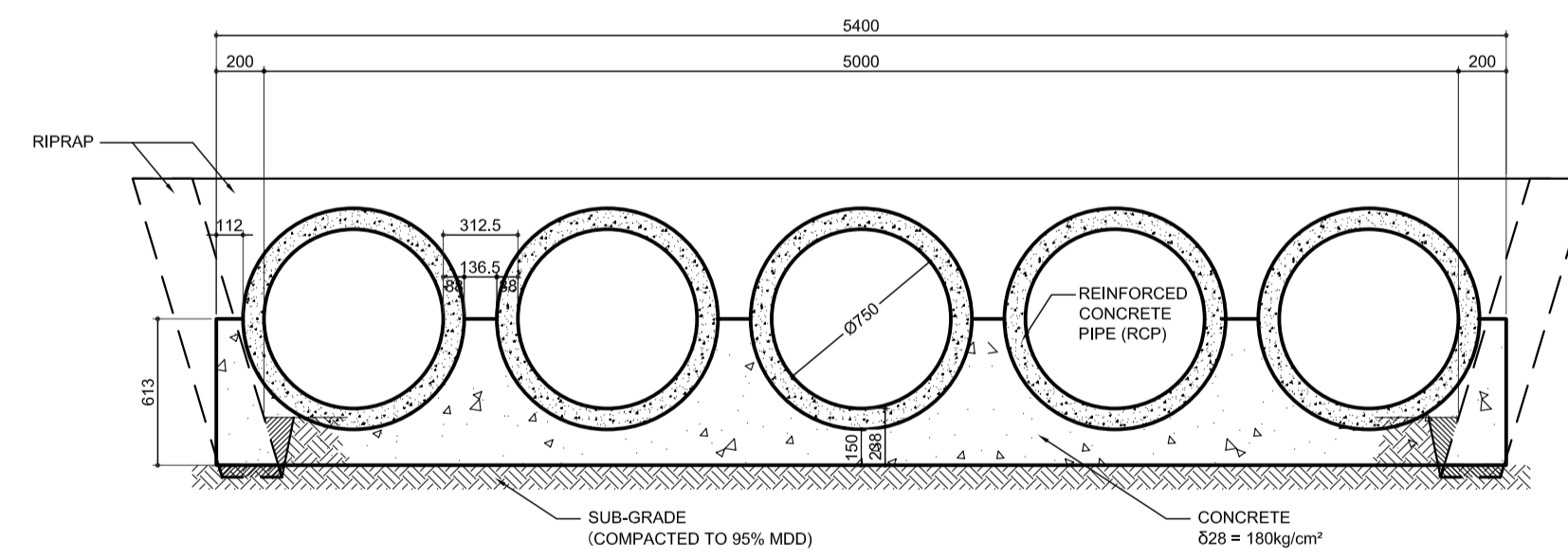
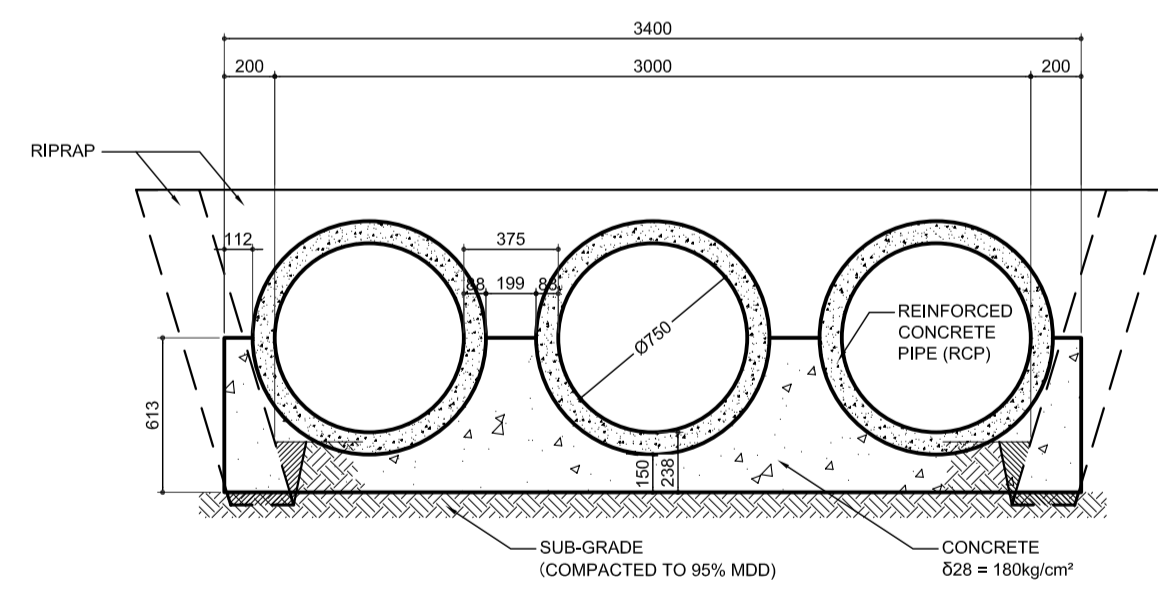
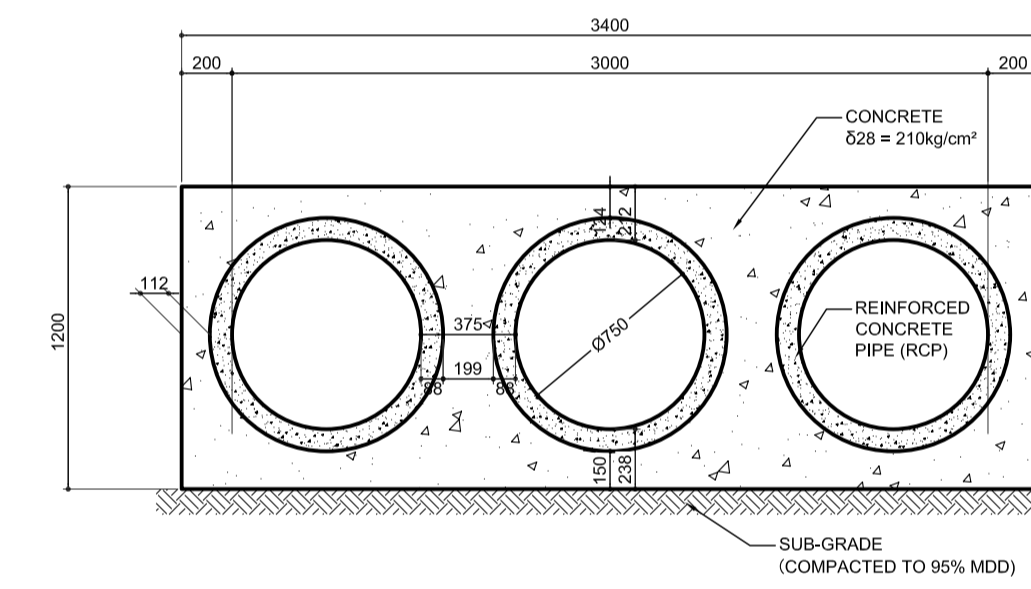
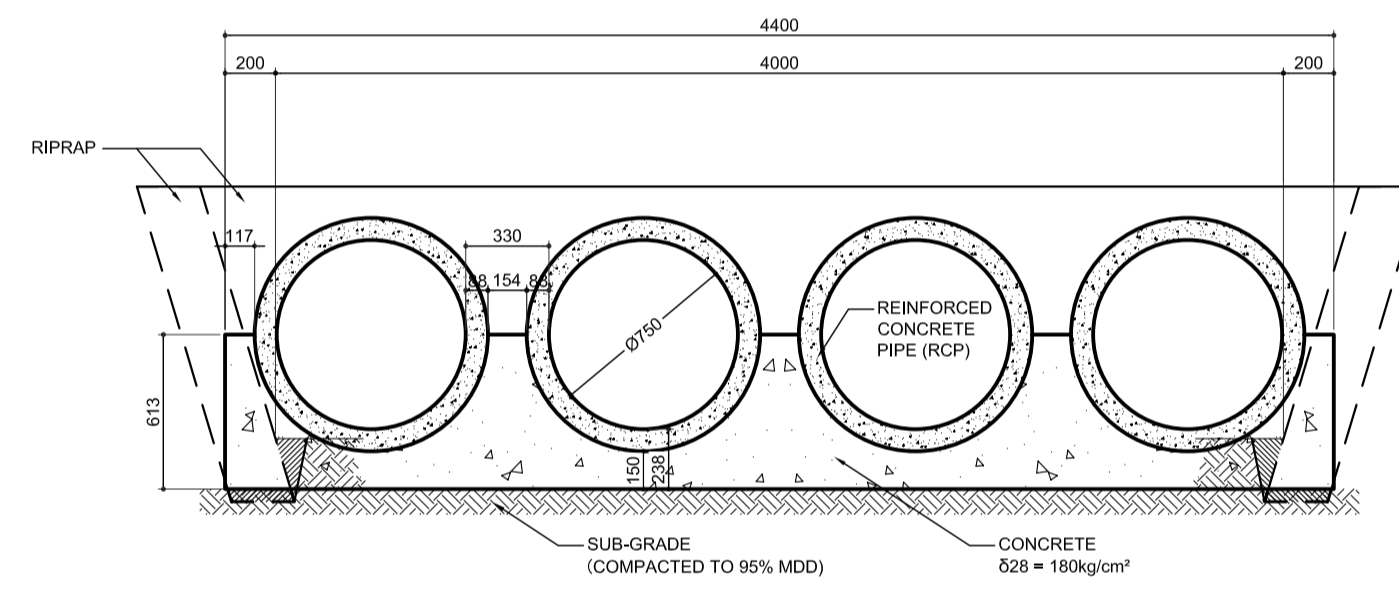
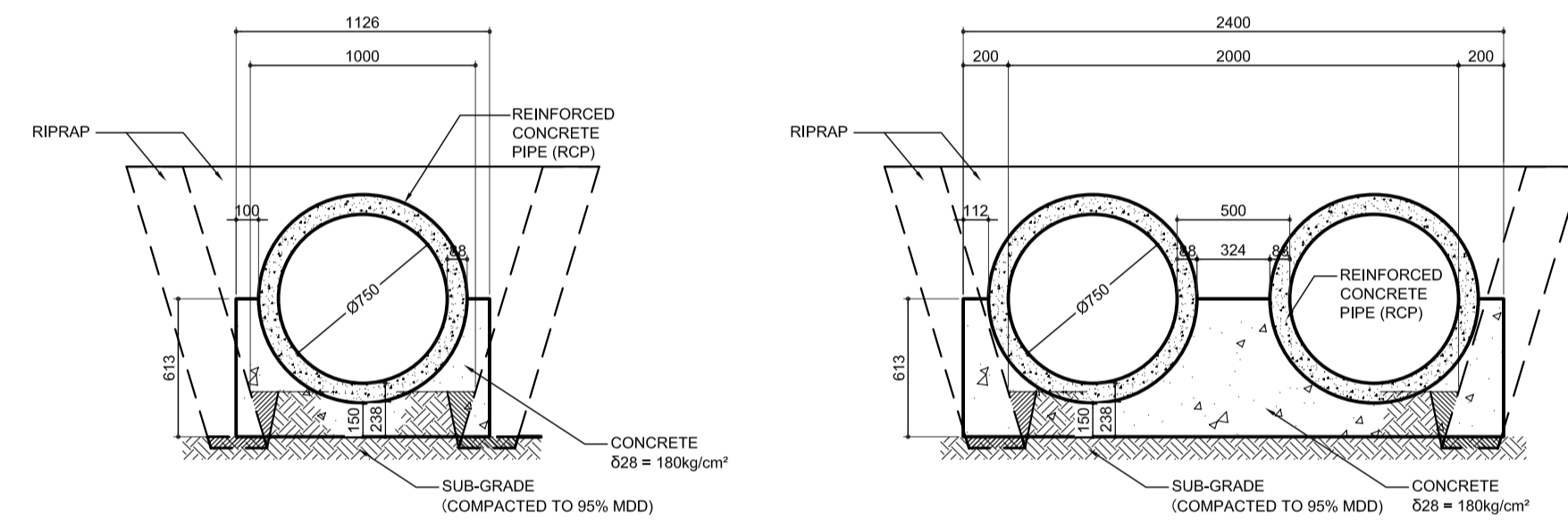


**PLAN**



**SECTION A-A**

2 **TYPICAL CONNECTION BETWEEN OPEN CANAL AND RCP**  
SCALE: 1:20 m

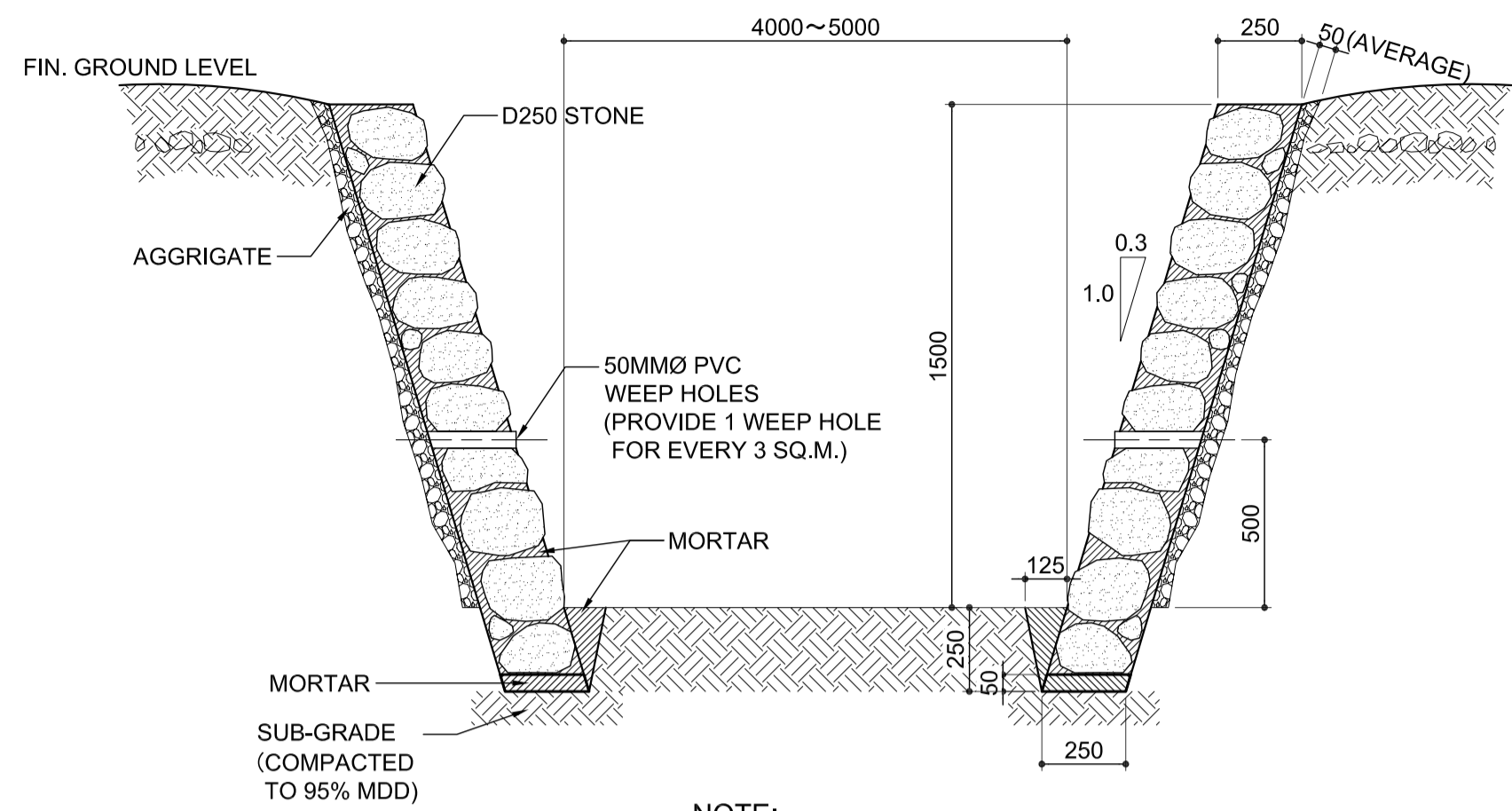


3 **TYPICAL SECTION OF REINFORCED CONCRETE PIPE (RCP) WITH 180° RC CASING**  
SCALE: 1:30 m

4 **TYPICAL SECTION OF REINFORCED CONCRETE PIPE (RCP) WITH 360° RC CASING (UNDER MAIN TAXIWAY)**  
SCALE: 1:30 m

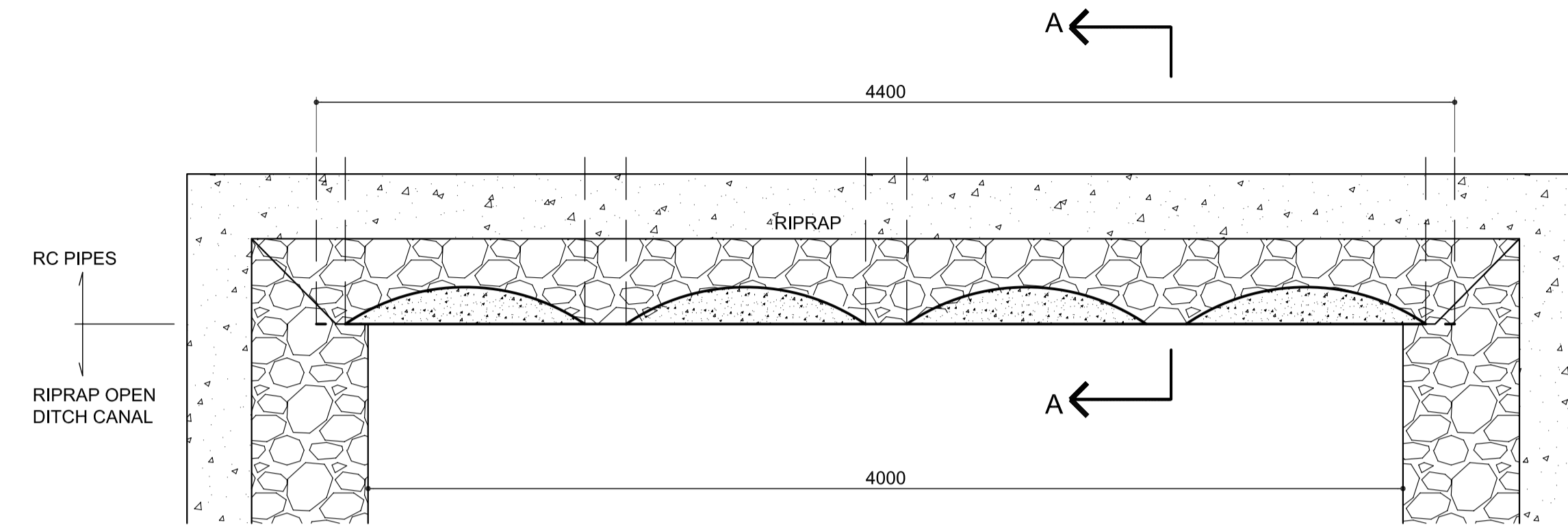
	PREPARED BY: <b>ERIC T. VALENTIN</b> CIVIL ENGINEER REG. NO.: 84854 TITLE: 195-950-547	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> Assistant Secretary for Project Implementation, DOTC	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> Undersecretary for Project Implementation, DOTC	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM TYPICAL SECTION OF DRAINAGE SYSTEM (RIPRAP OPEN CANAL TYPE-1 AND RCP)	SHEET NO: <b>C2-2300-08</b>
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC.	NIPPON KOEI CO., LTD.	NJS CONSULTANTS CO., LTD.	DATE: 02/01/18 DATE INDEX: JUNE 2013	AMENDMENTS:	Prepared by: WIM Checked by: IIC Validated by:	DRAWING SCALE: AS SHOWN



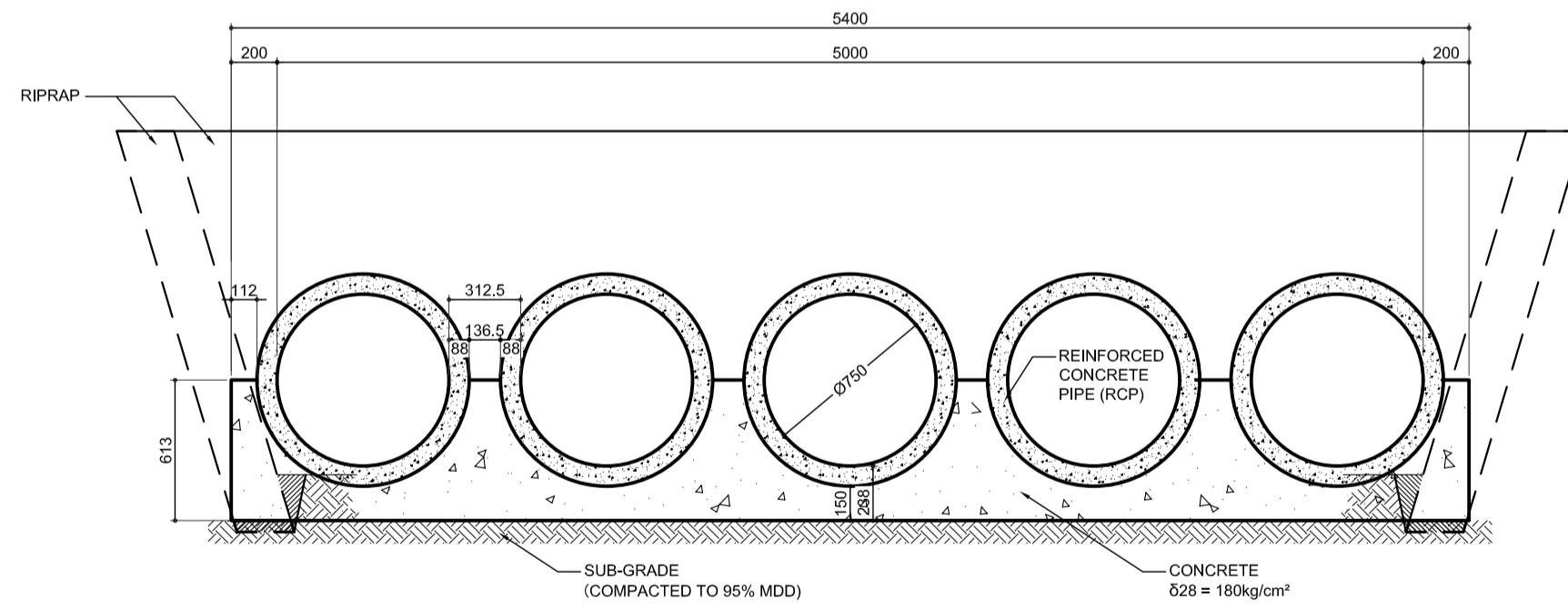
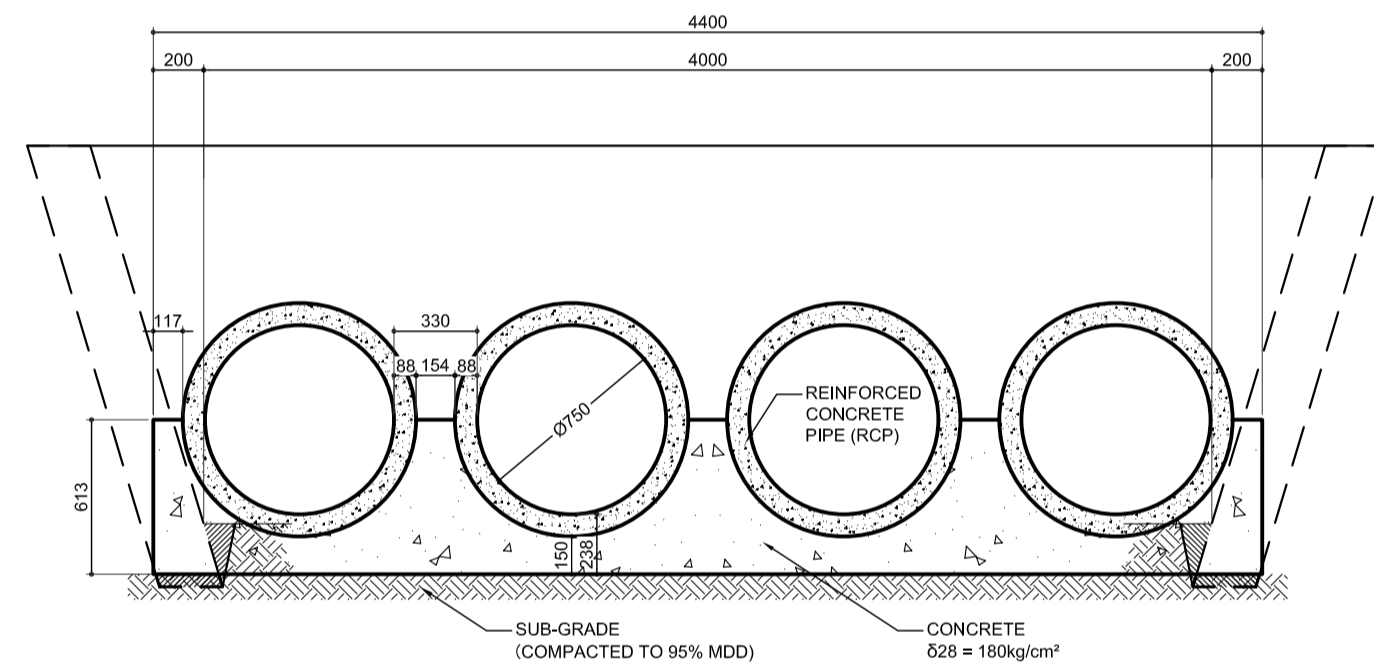


NOTE:  
EXPANSION JOINT SHALL BE PROVIDED @ EVERY 20 METERS.  
ALL DIMENSIONS ARE IN MILLIMETERS (mm)

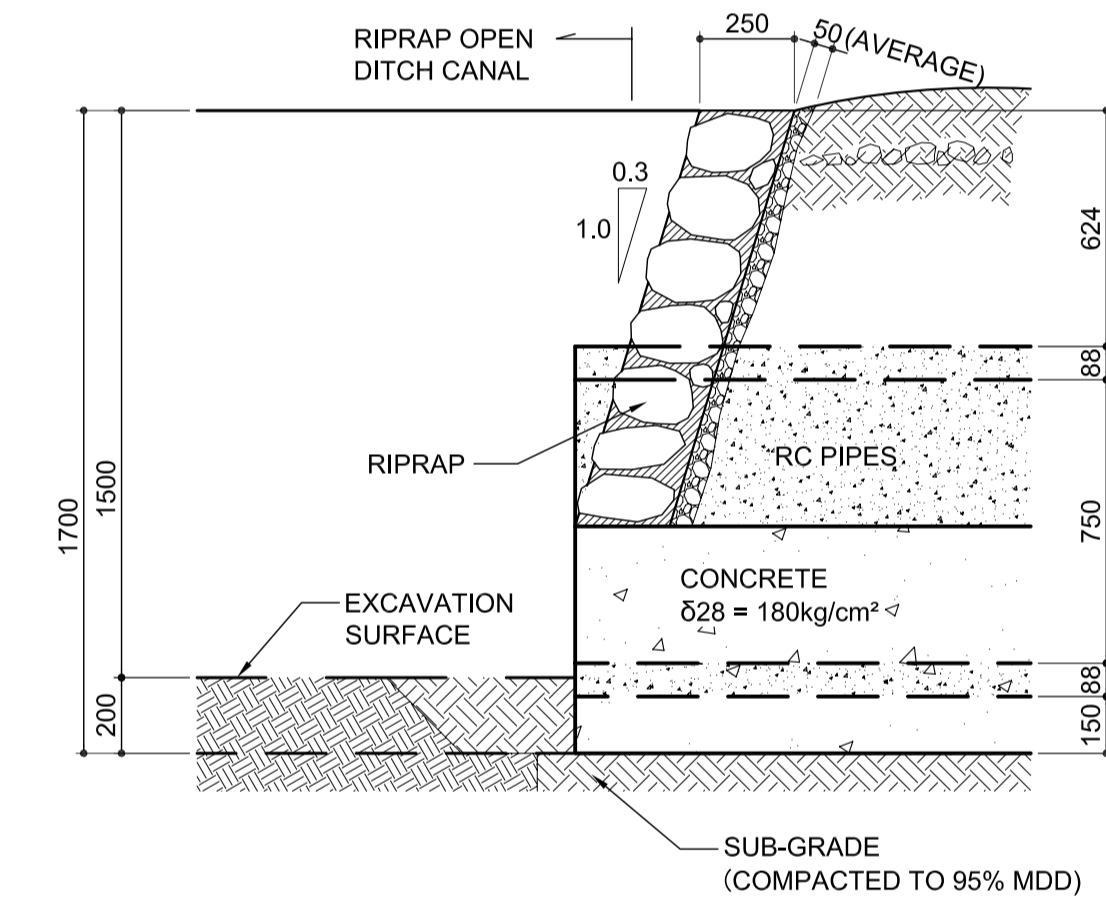
1 **TYPICAL SECTION OF RIPRAP OPEN CANAL (TYPE-2)**  
SCALE 1:20 m.



**PLAN**



3 **TYPICAL SECTION OF REINFORCED CONCRETE PIPE (RCP) WITH 180° RC CASING**  
SCALE 1:30 m.

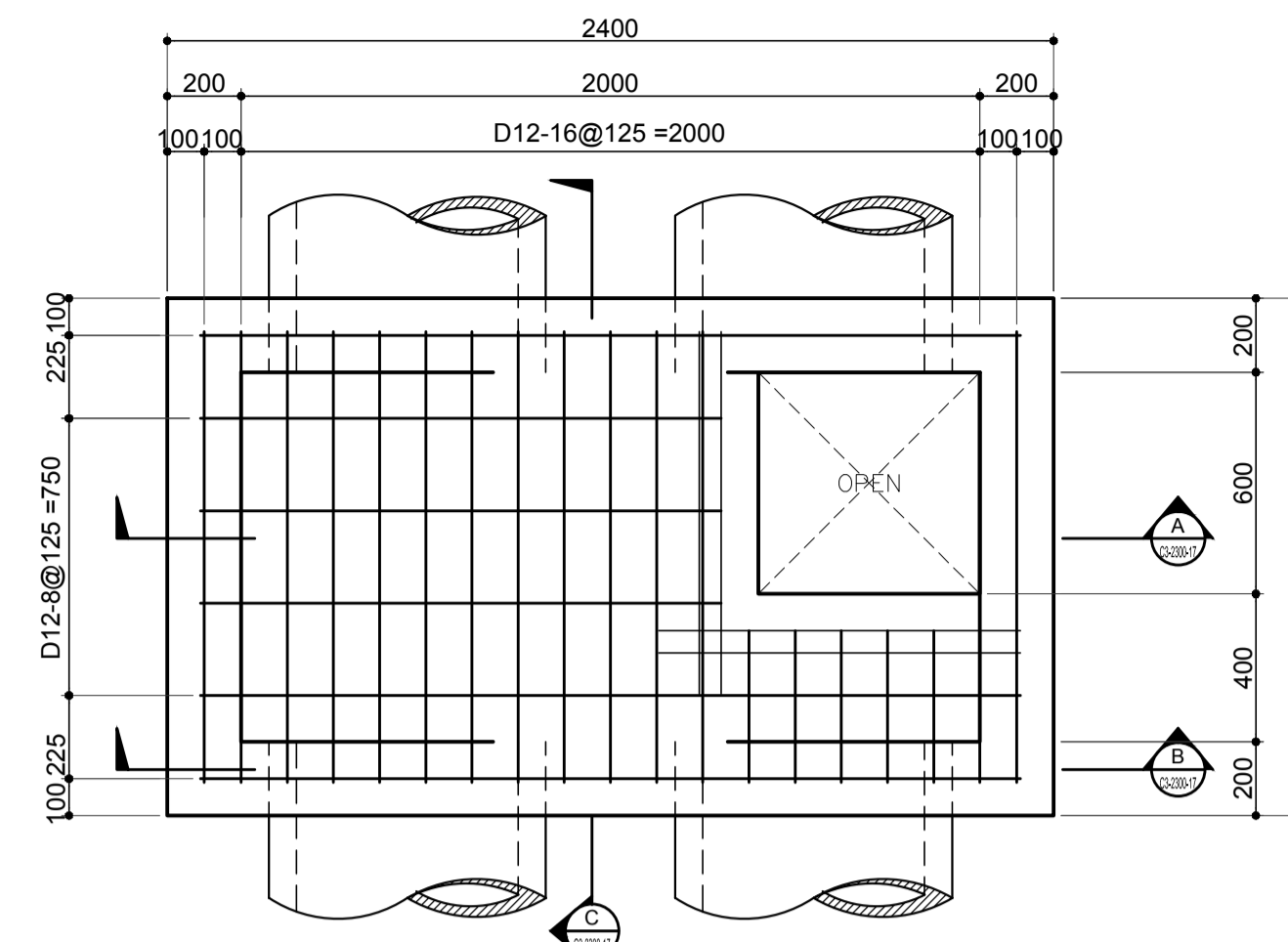
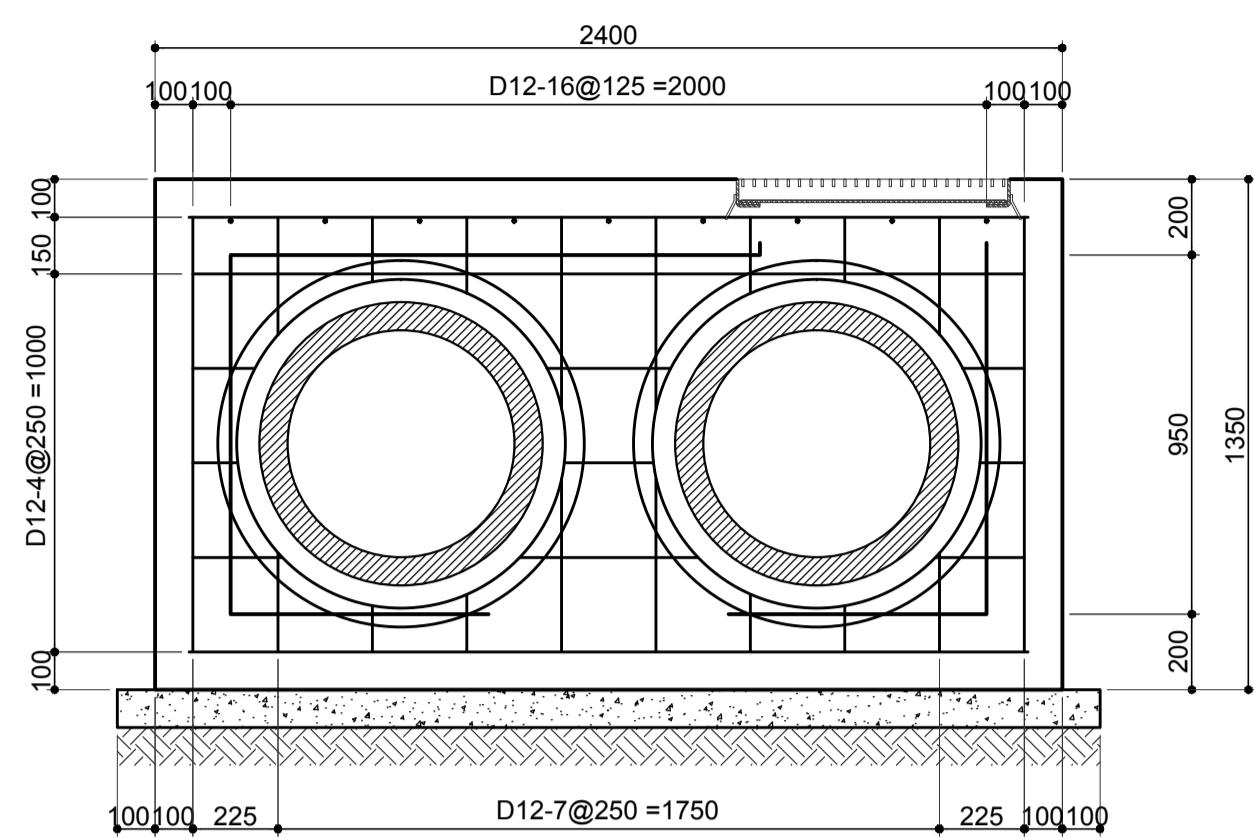
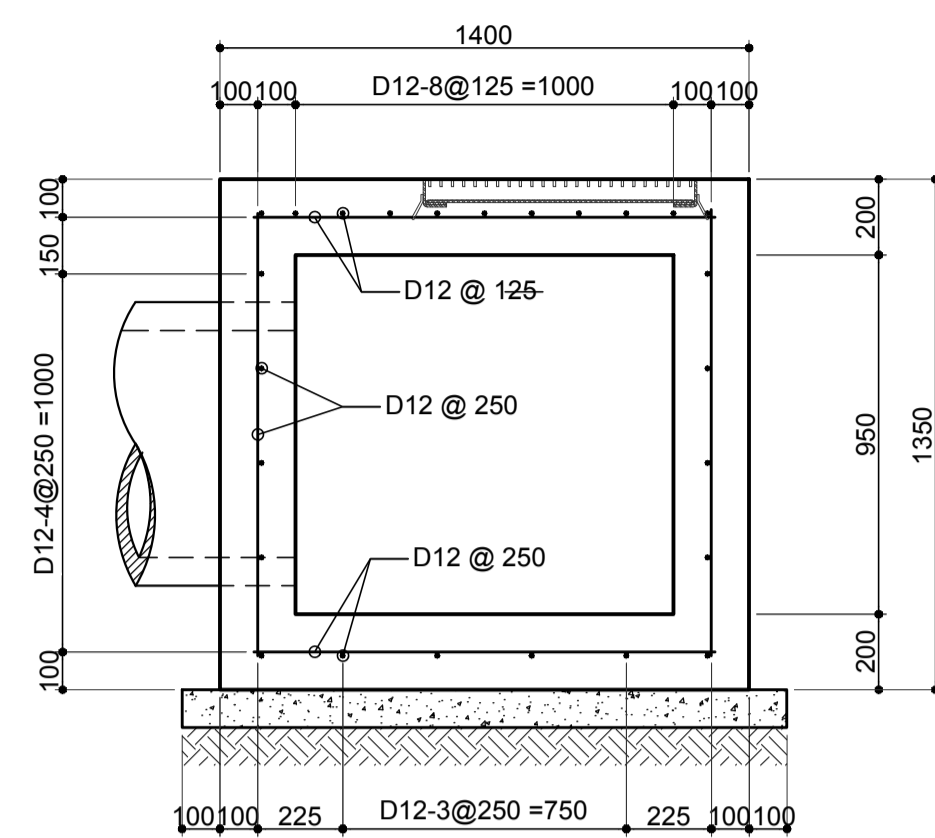


**SECTION A-A**

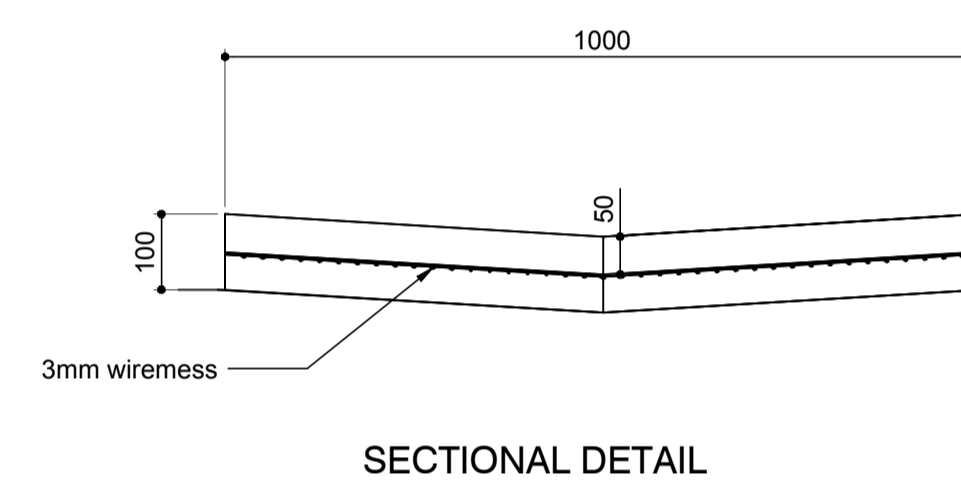
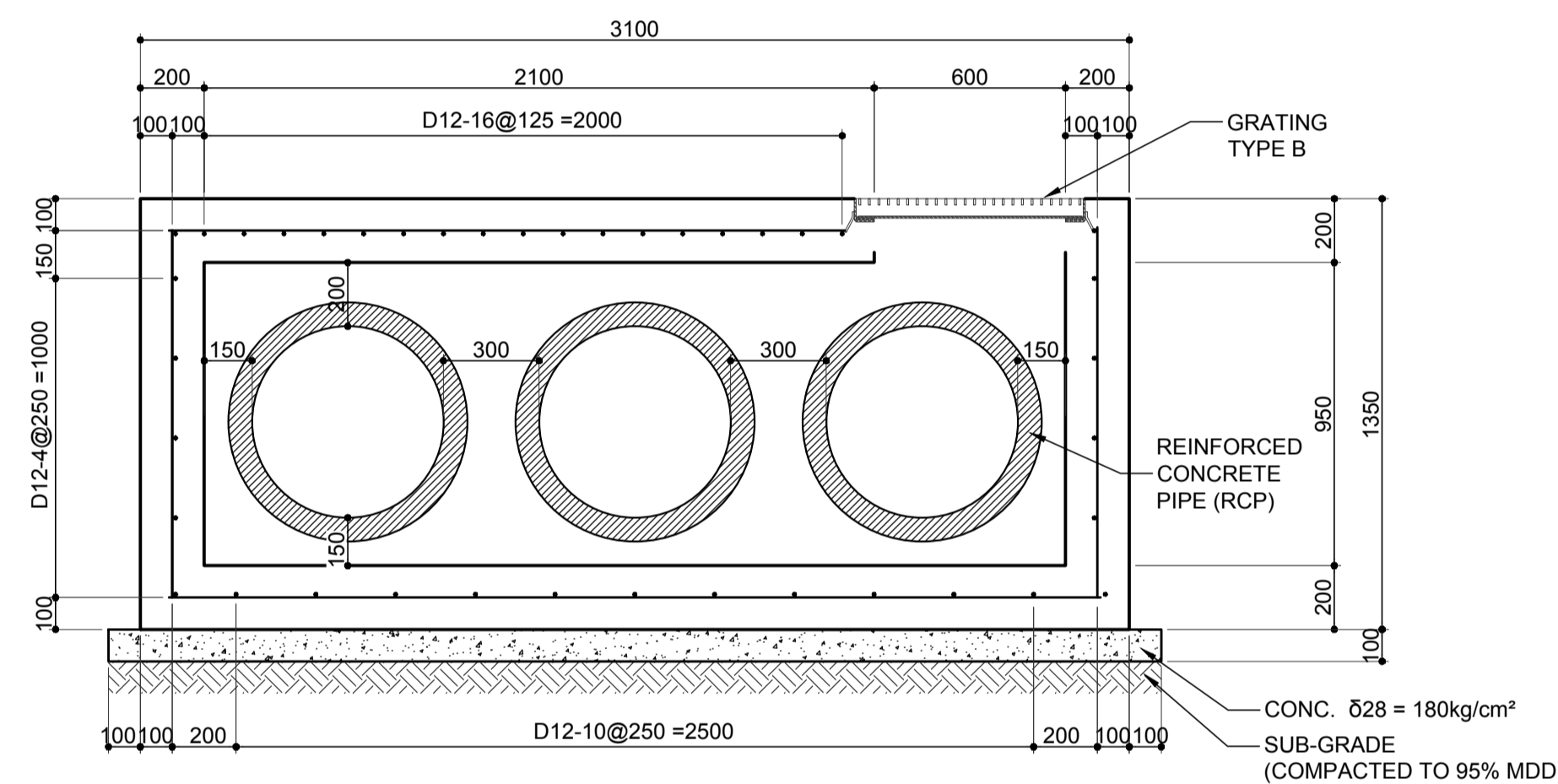
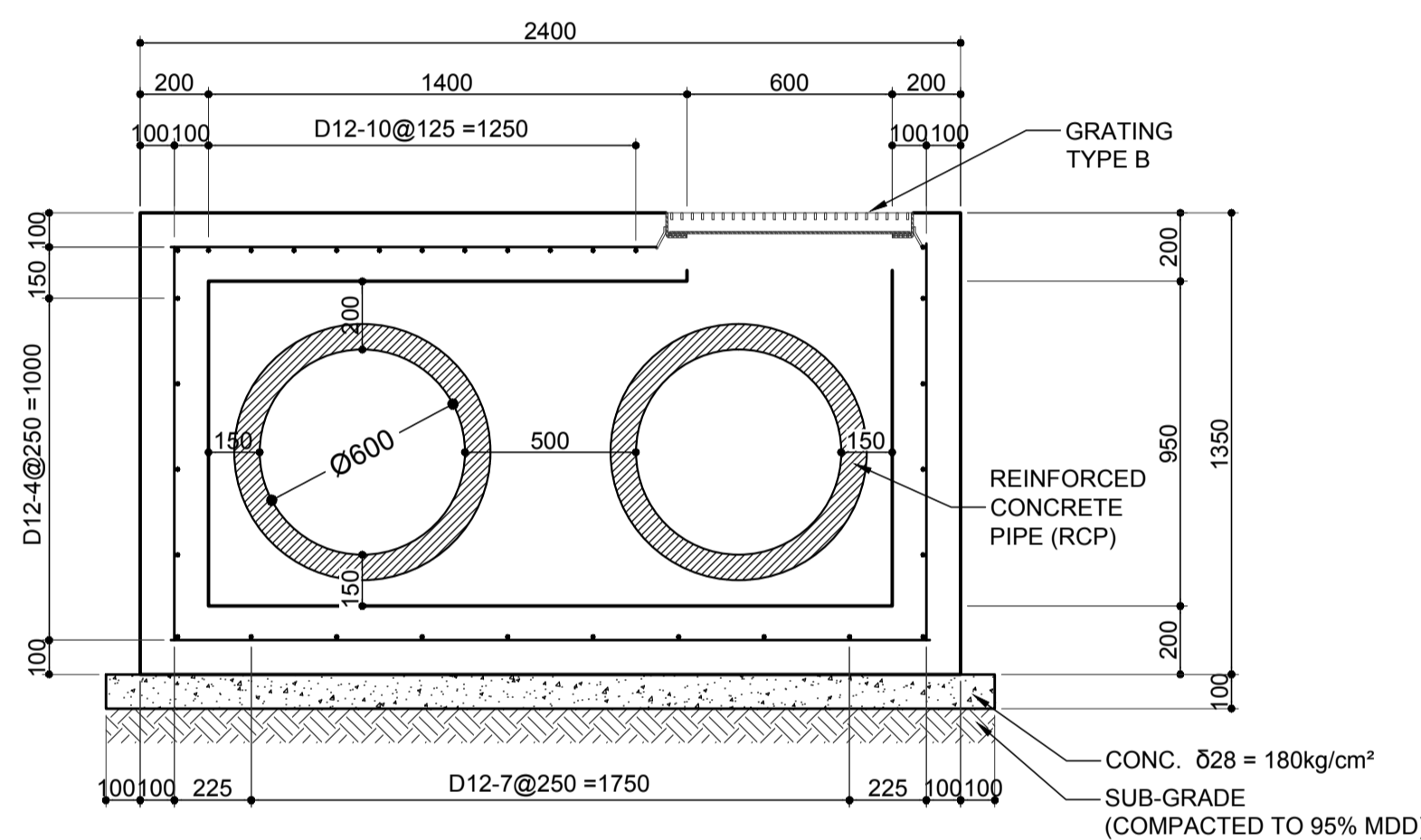
2 **TYPICAL CONNECTION BETWEEN OPEN CANAL AND RCP**  
SCALE 1:20 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 16, 2013 TIN. 199-899-561 PLACE: CAGARI DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM TYPICAL SECTION OF DRAINAGE SYSTEM (RIPRAP OPEN CANAL TYPE-2 AND RCP)	SHEET NO: <b>C2-2300-09</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE INDEX AMENDMENTS	Prepared by: WIM Checked by: IC Validated by:	DRAWING SCALE: <b>AS SHOWN</b>

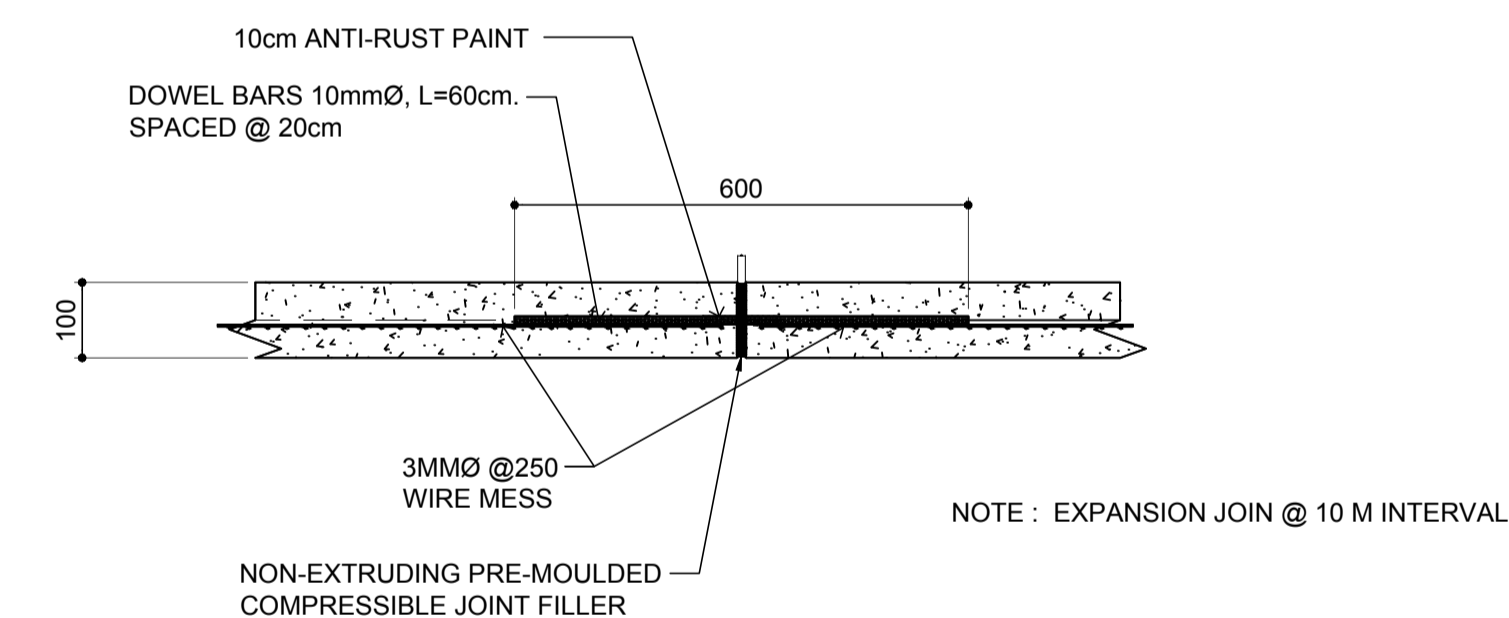
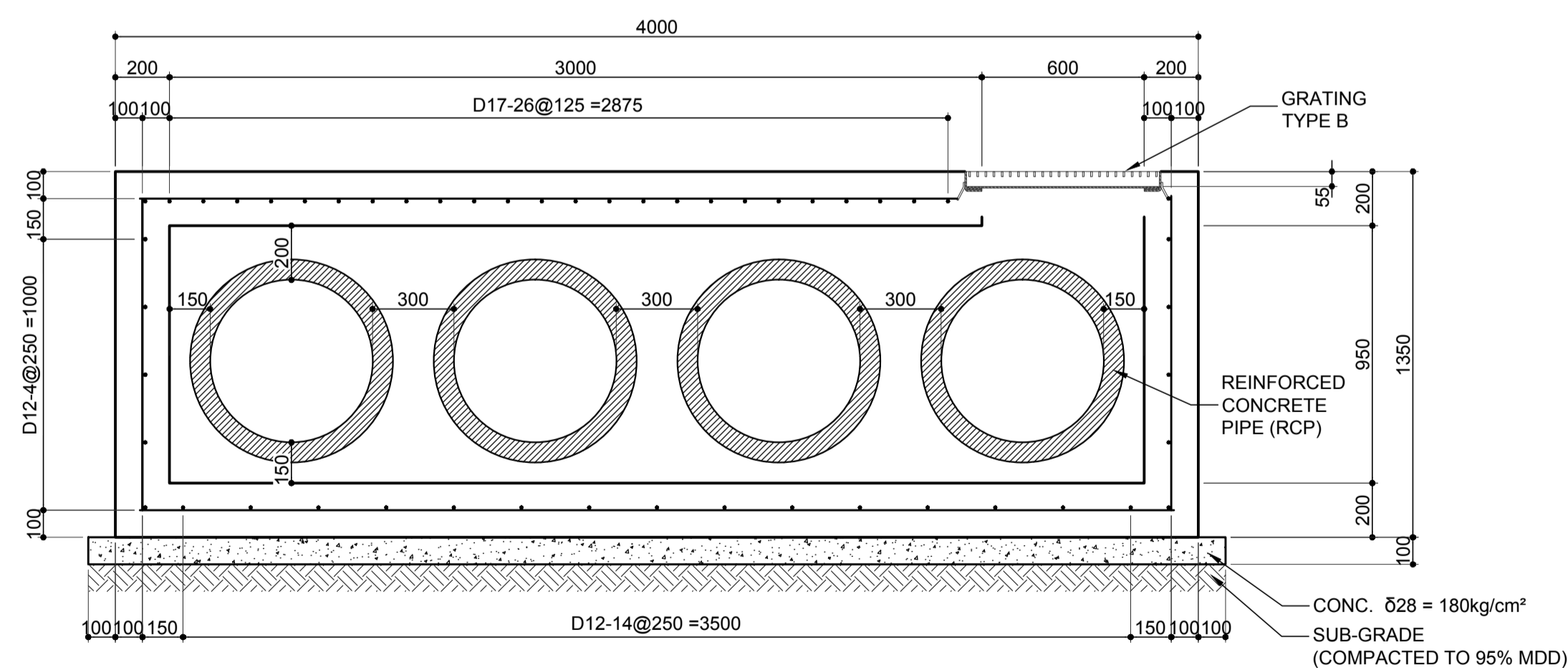




**1 PLAN VIEW OF TYPE 1 (SIZE Ø600mm)**  
SCALE 1:20 m.



**SECTIONAL DETAIL**



**EXPANSION JOINT DETAIL**

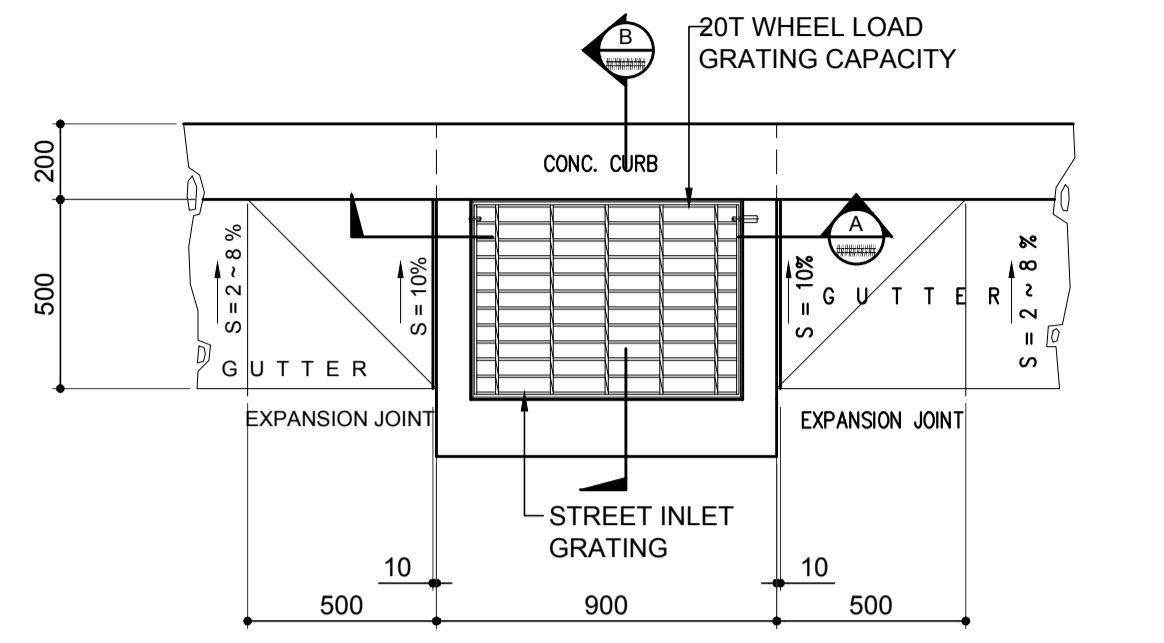
**2 TYPICAL SECTION OF TYPE 1 TO 4**  
SCALE 1:20 m.

**2 V-DITCH DETAIL**  
SCALE 1:10 m.

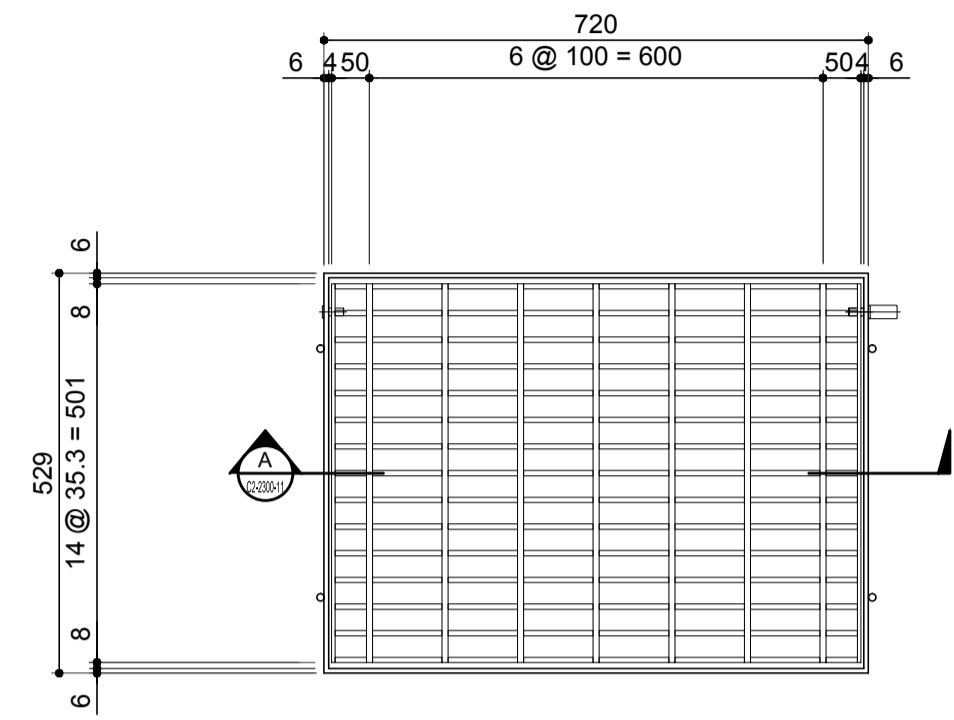
**AERONAUTICAL AREAS DRAINAGE SYSTEM (ILS/GS AREA)**

SCALE 1:20 m.

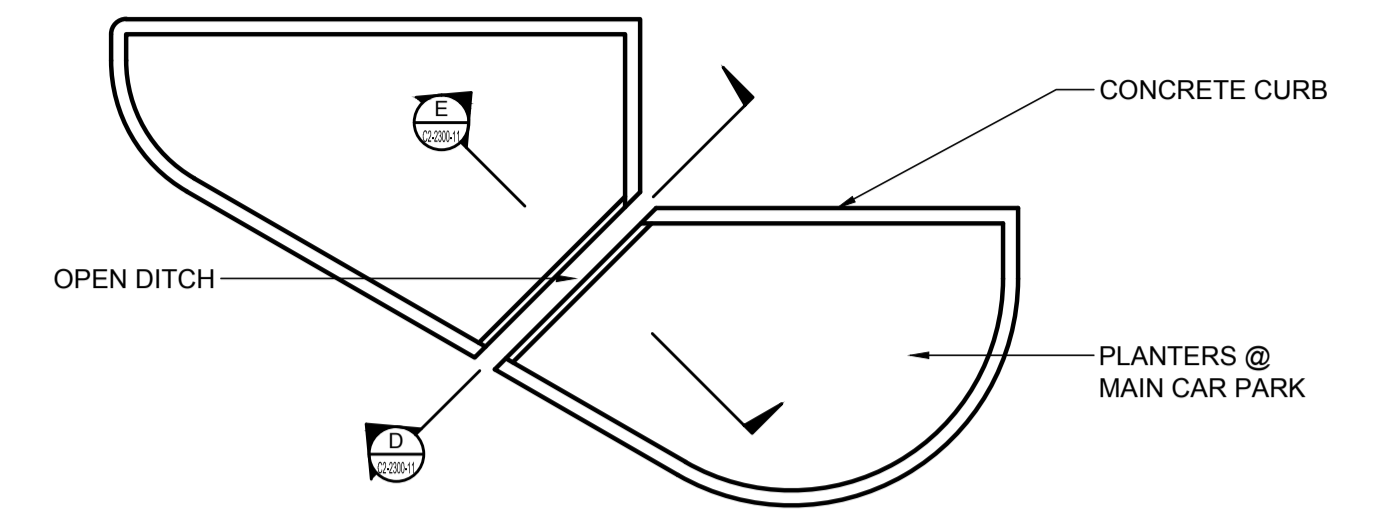
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM TYPICAL SECTION OF DRAINAGE SYSTEM (AERONAUTICAL AREAS(ILS/GS))	SHEET NO: <b>C2-2300-10</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:	DRAWING SCALE: <b>AS SHOWN</b>				



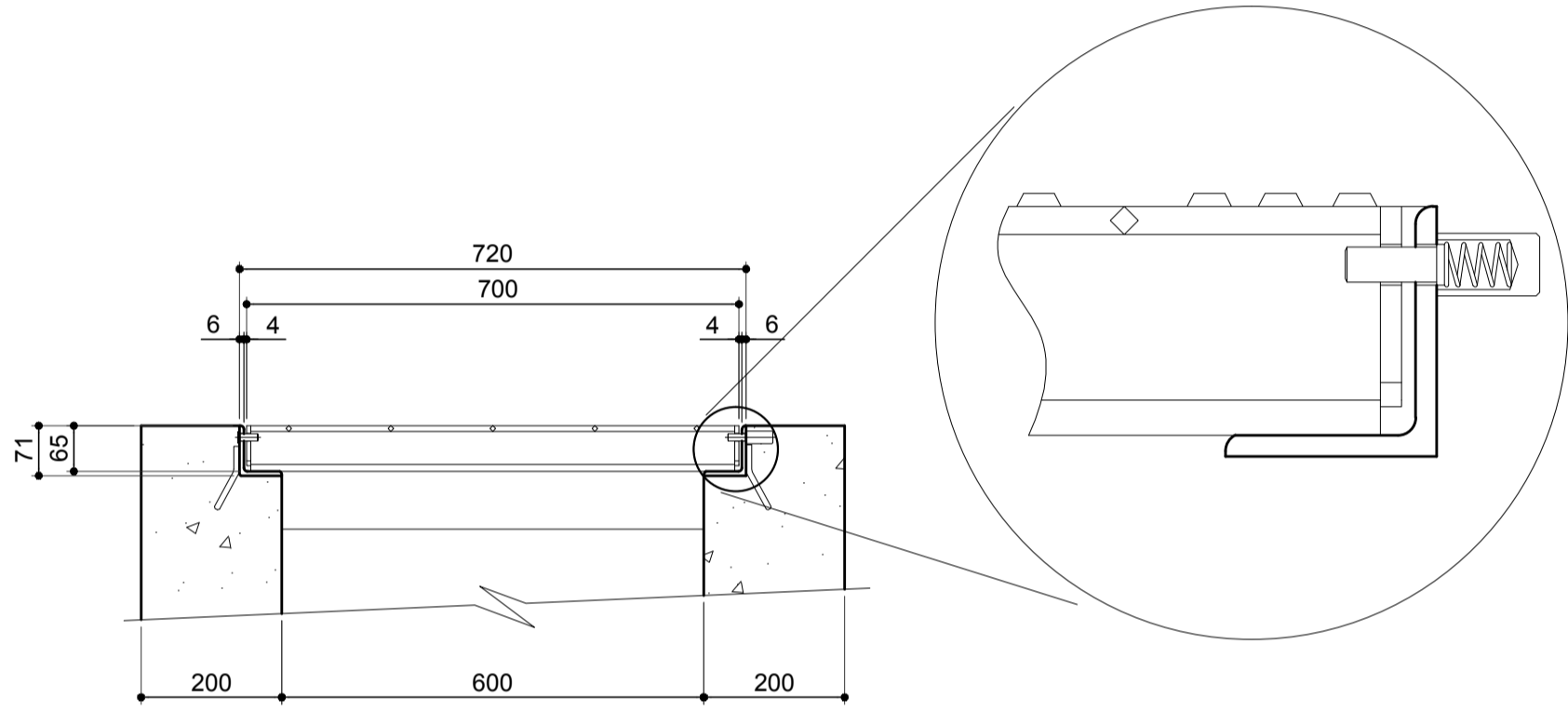
**1 PLAN VIEW OF STREET INLET SI-1**  
SCALE 1:20 m.



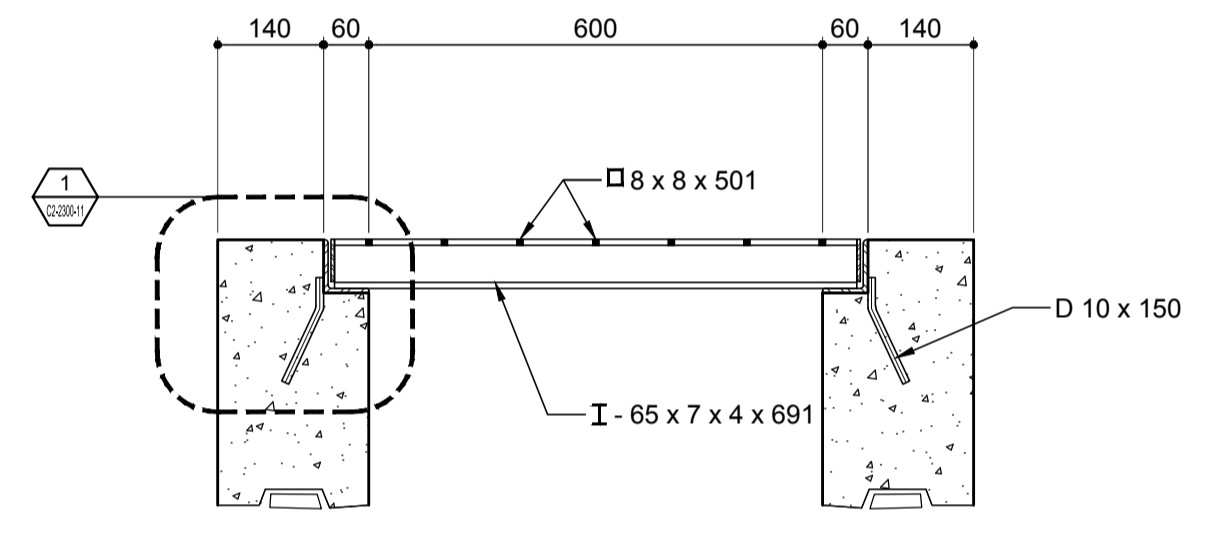
**2 PLAN VIEW OF GRATING TYPE A**  
SCALE 1:10 m.



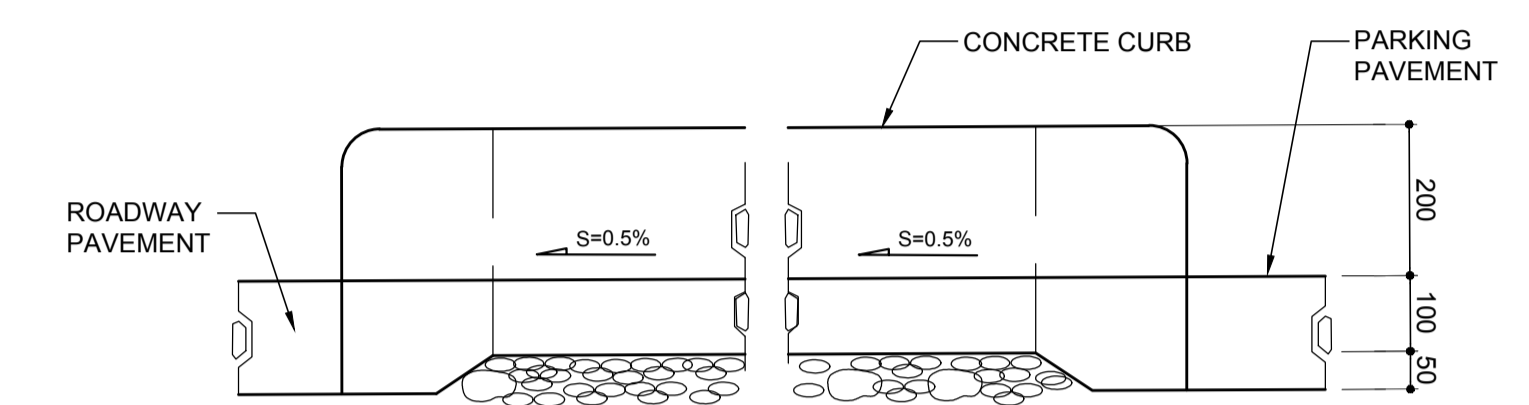
**3 OPEN DITCH @ MAIN CARPARK PLANTERS**  
SCALE NOT TO SCALE



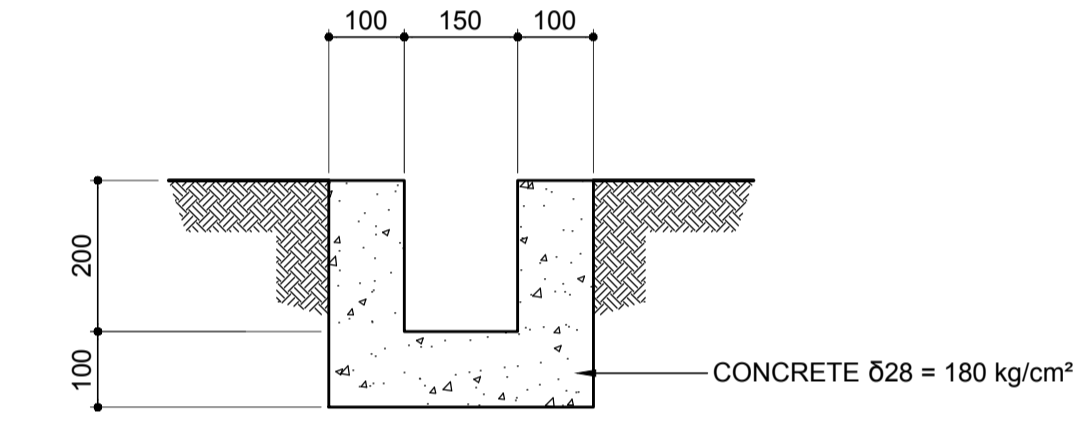
**A SECTION**  
SCALE 1:10 m.



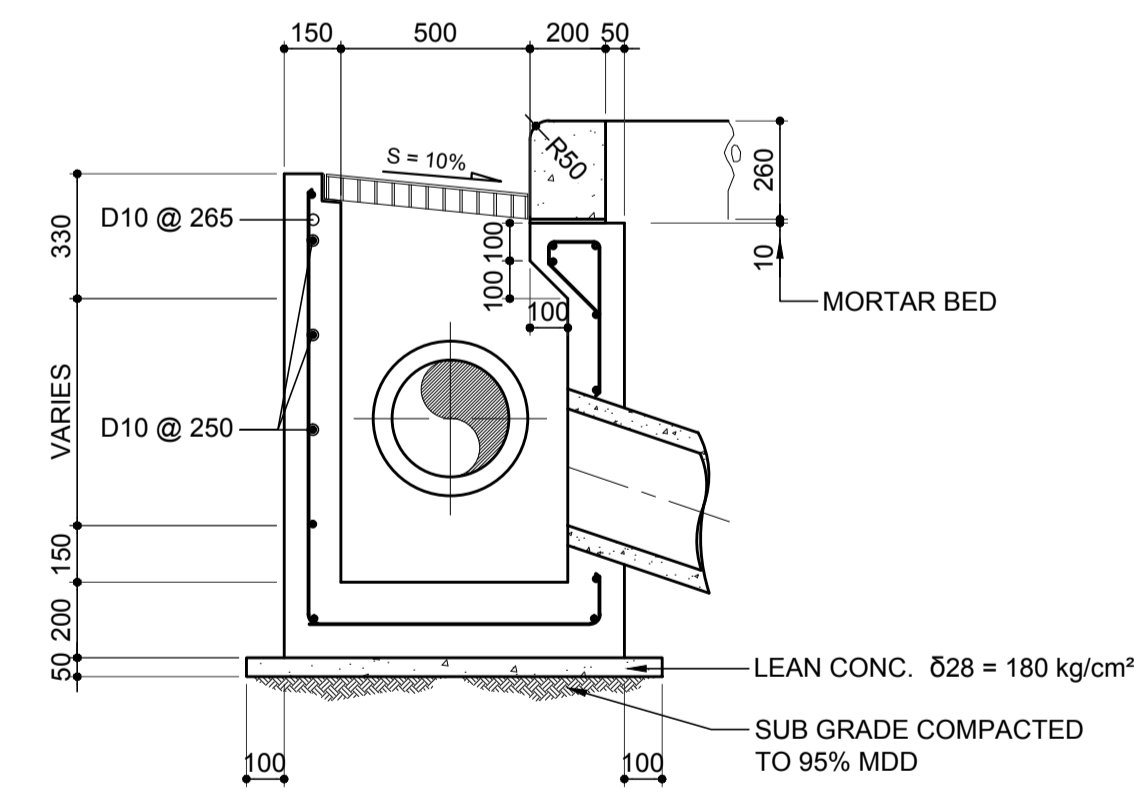
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SCALE 1:10 m.



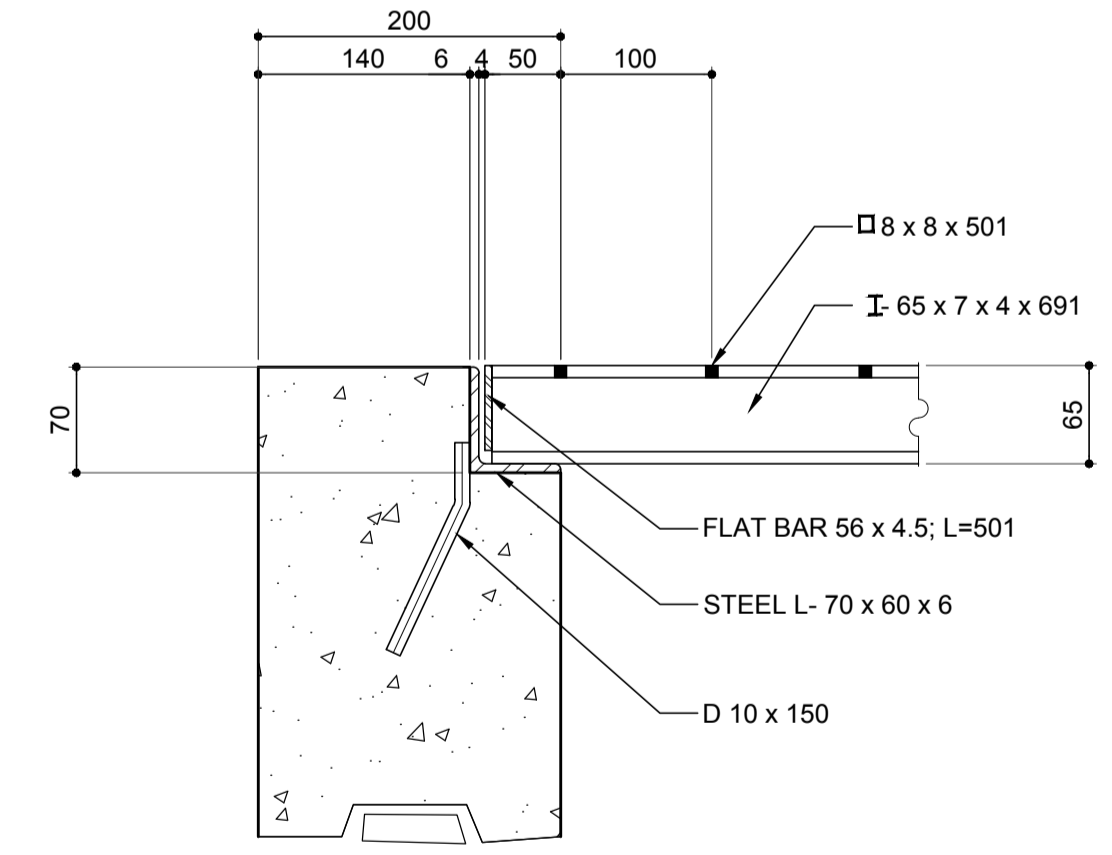
**D SECTION**  
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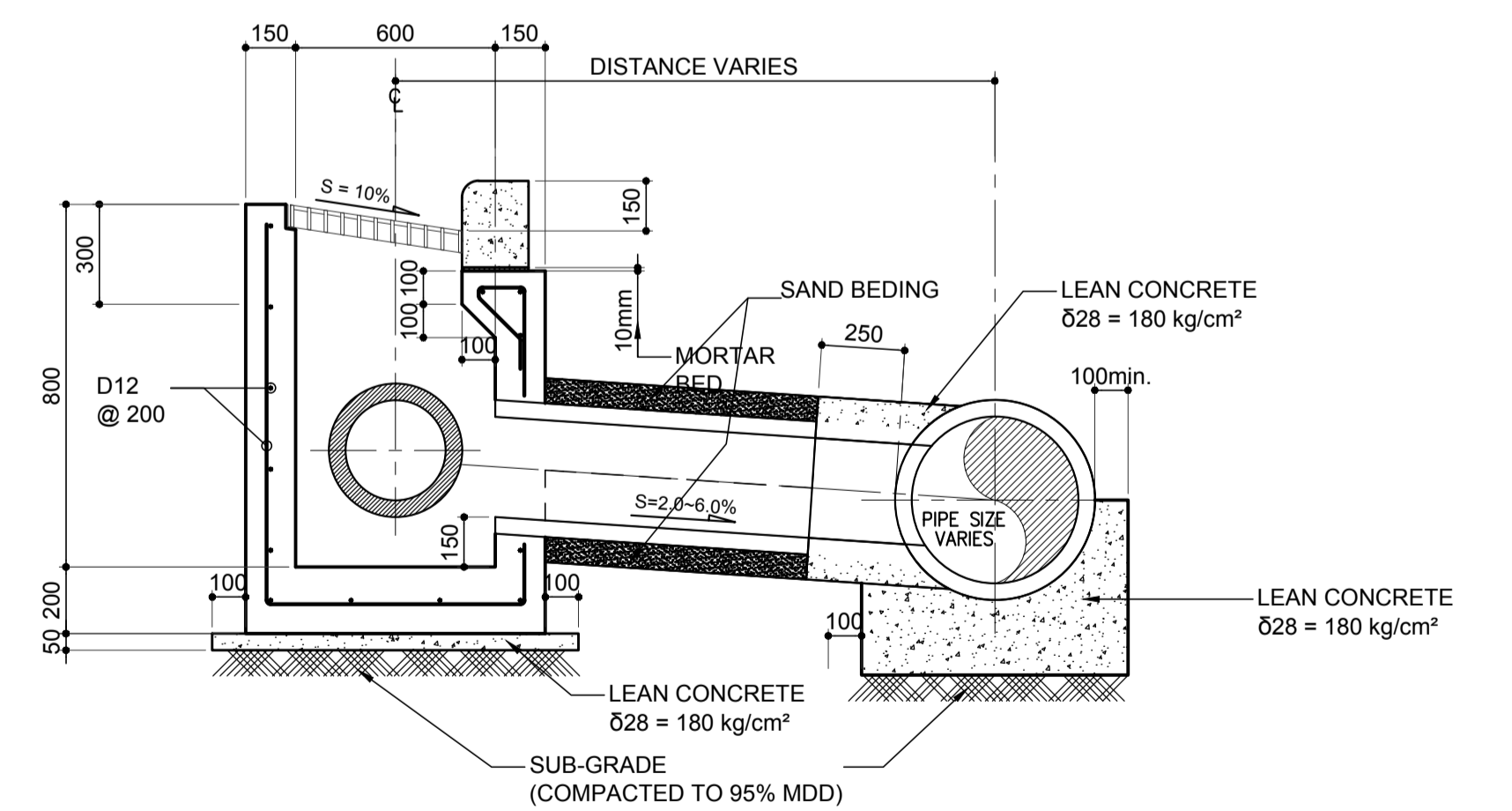
**E SECTION**  
SCALE 1:10 m.



**B SECTION**  
SCALE 1:20 m.



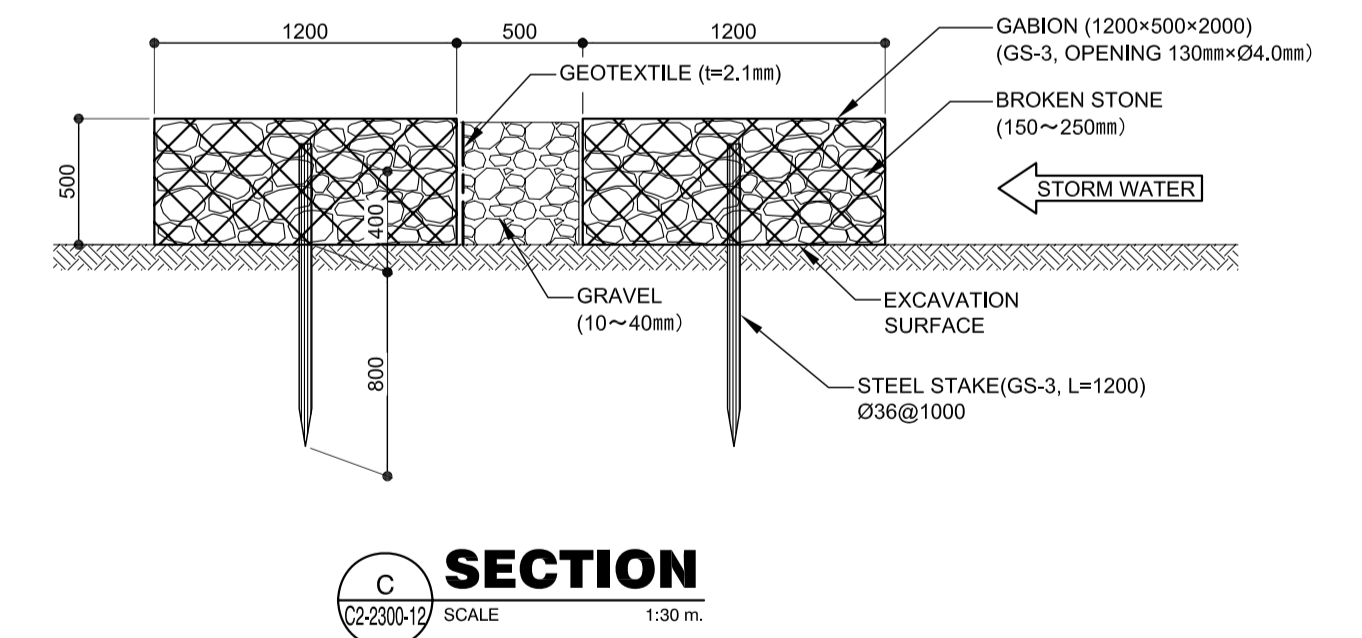
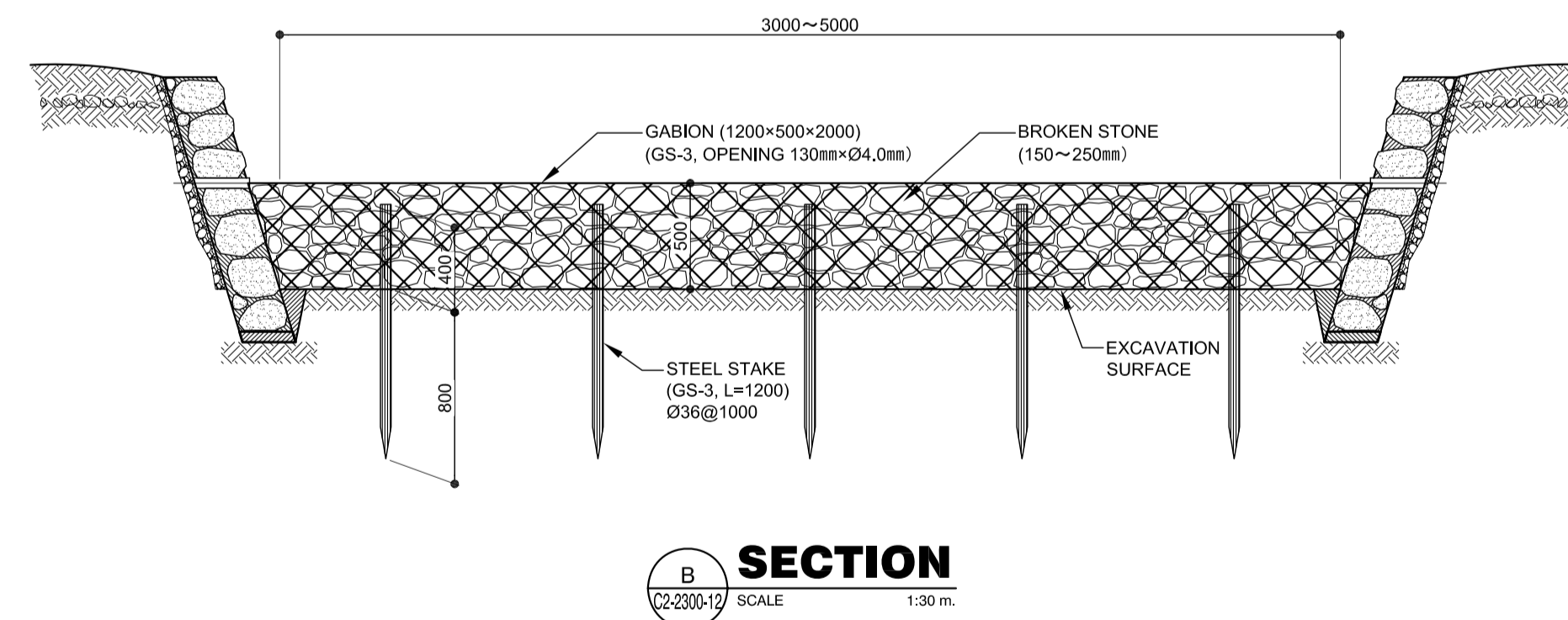
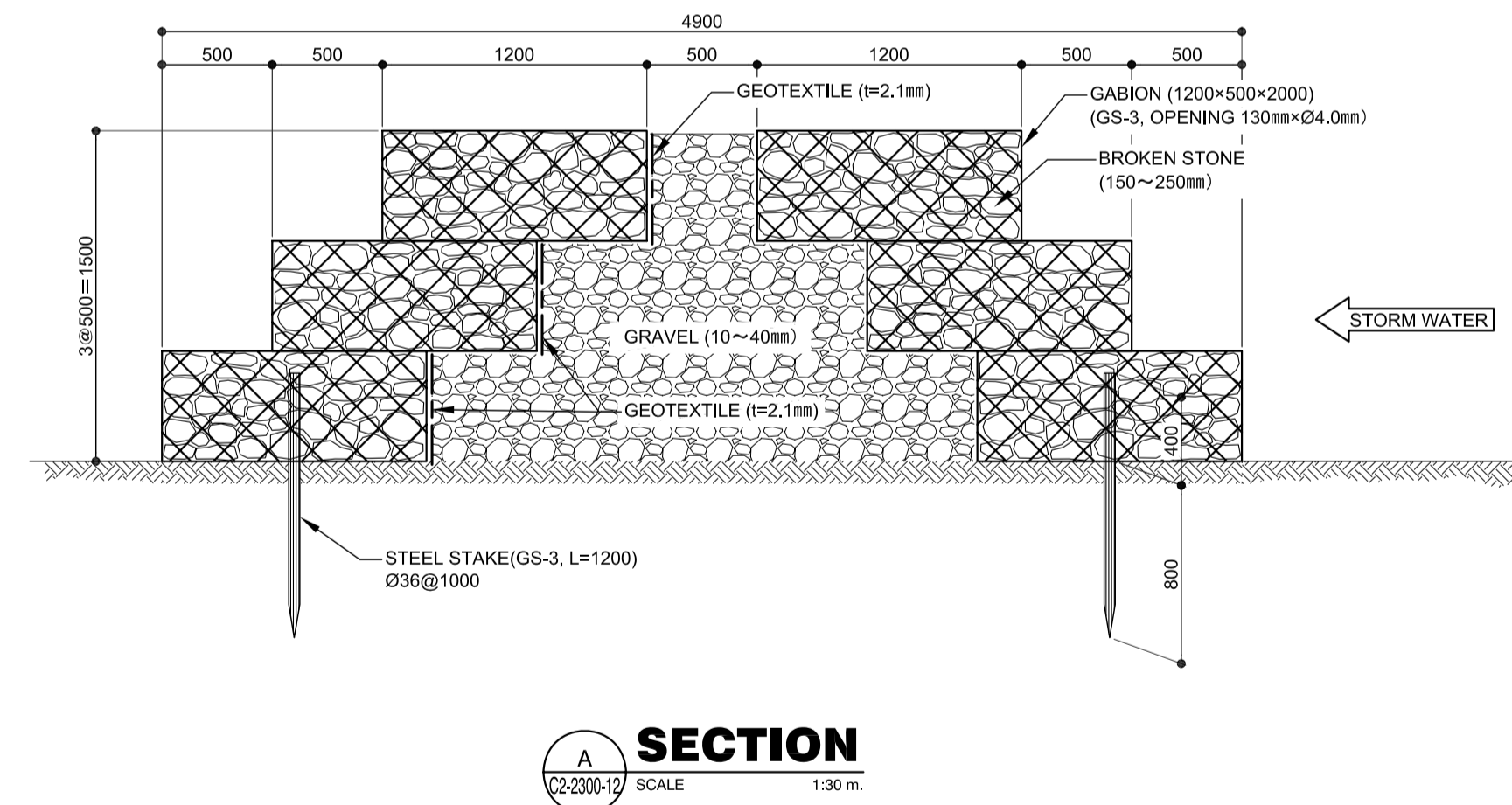
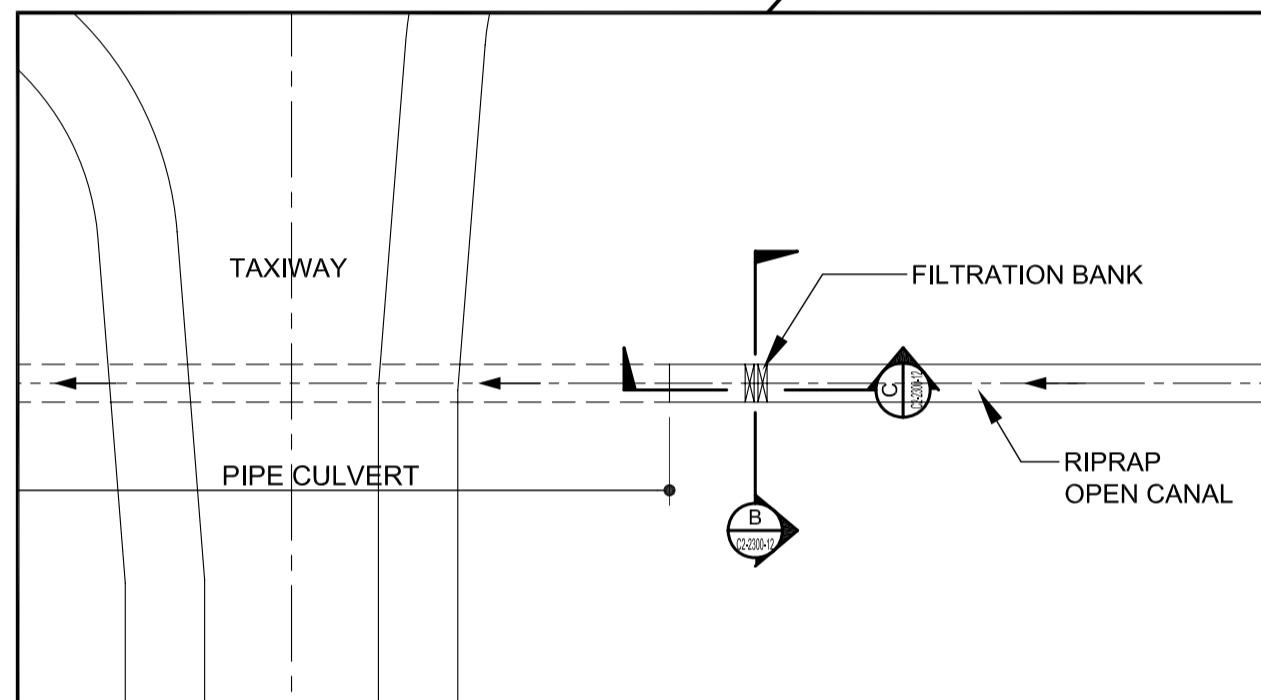
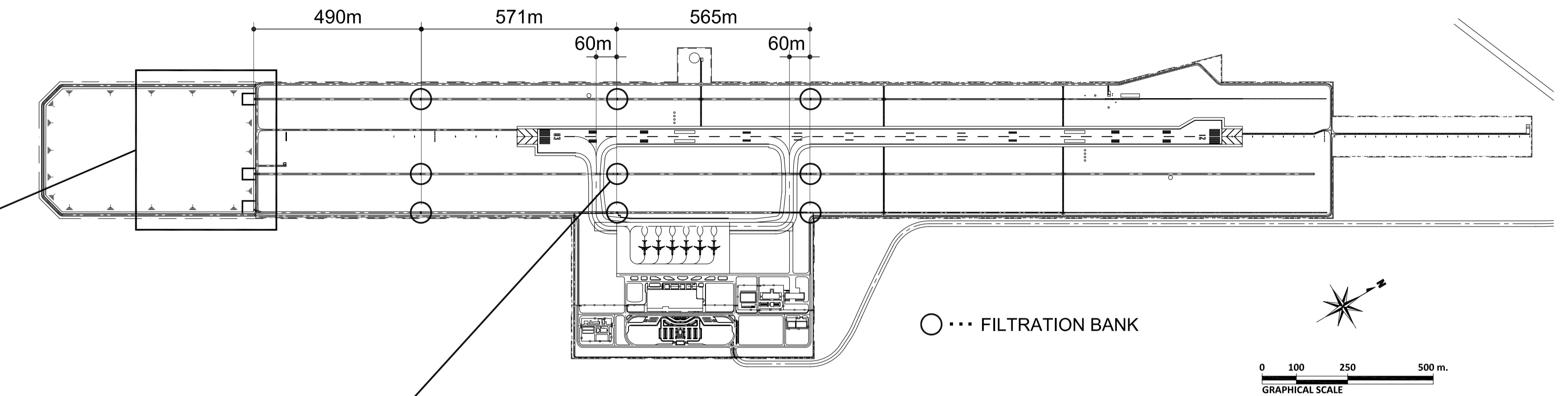
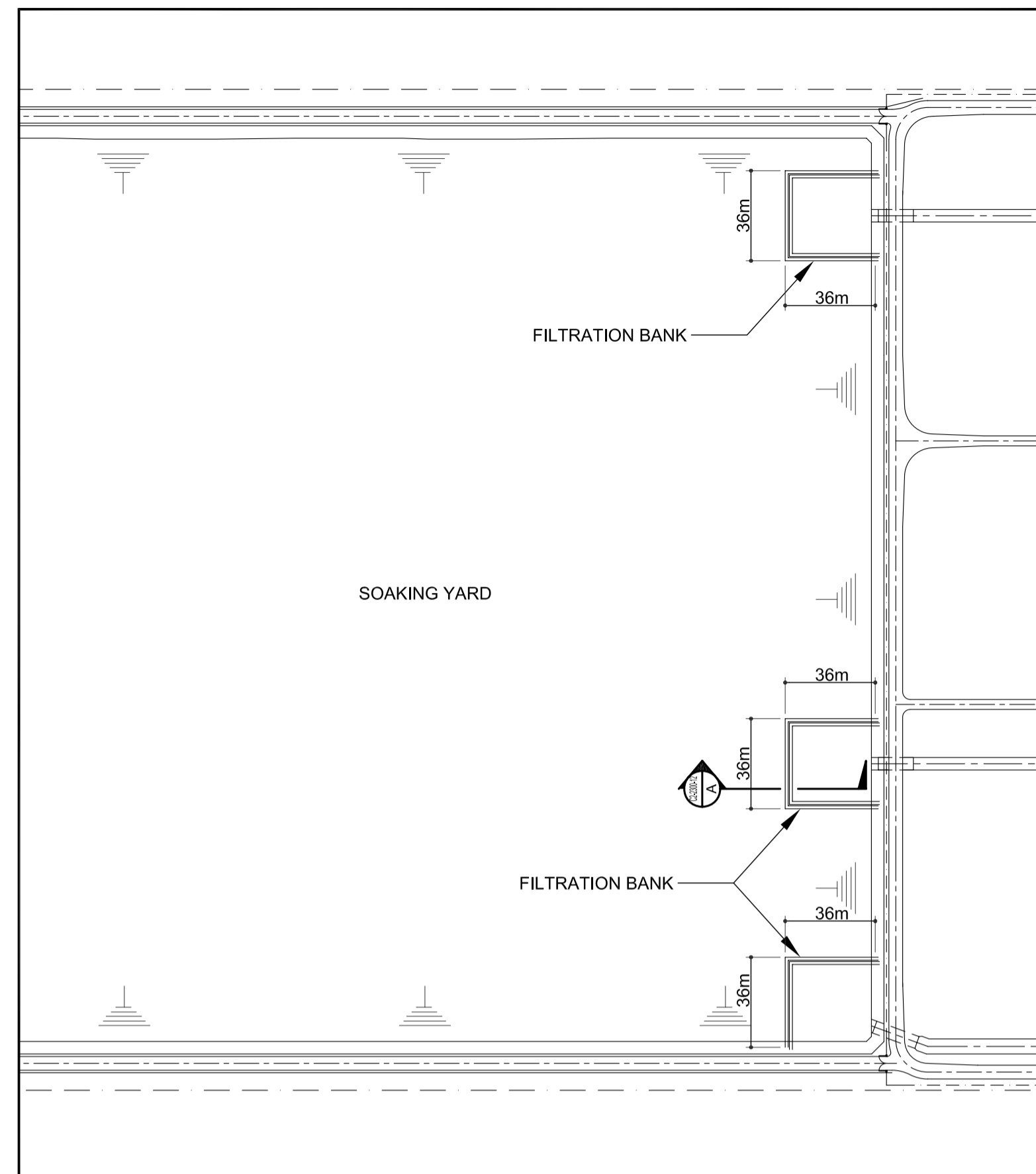
**1 DETAIL**  
SCALE 1:5 m.



**4 TYPICAL INLET TO PIPE CONNECTION DETAIL**  
SCALE 1:20 m.

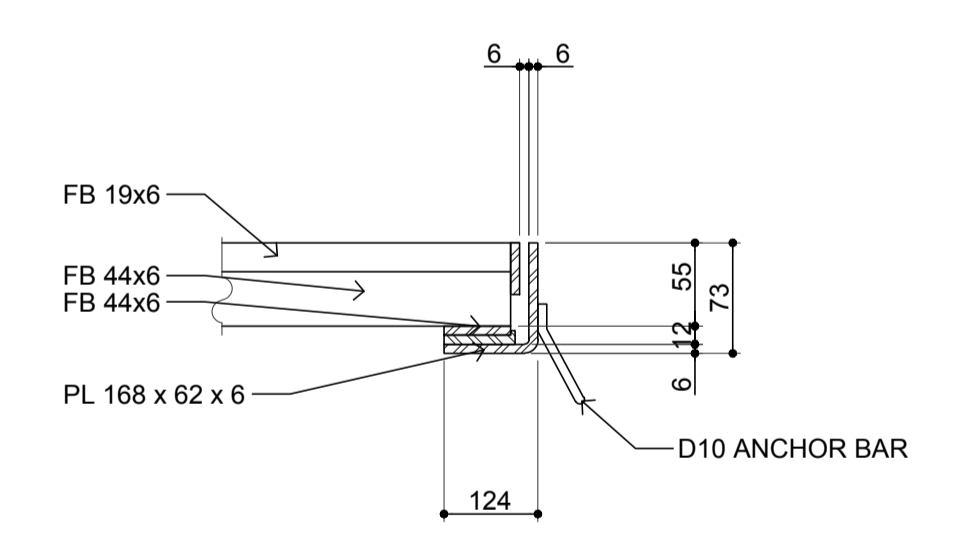
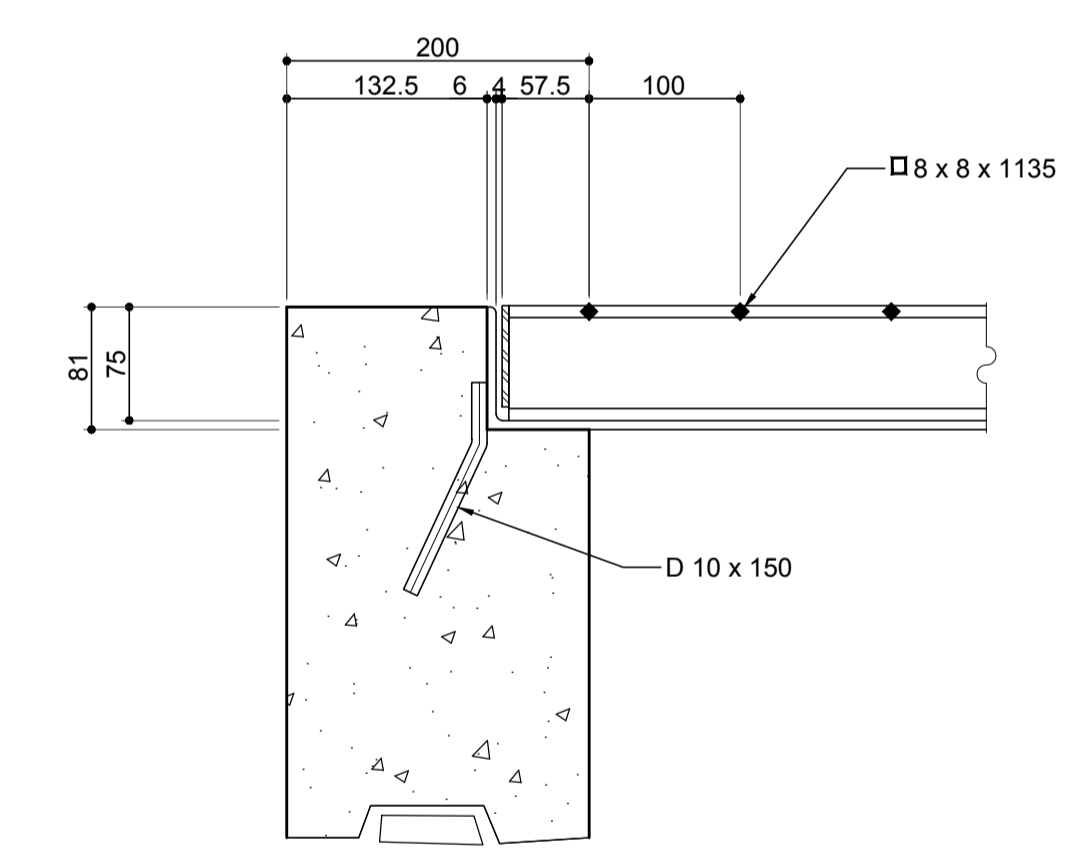
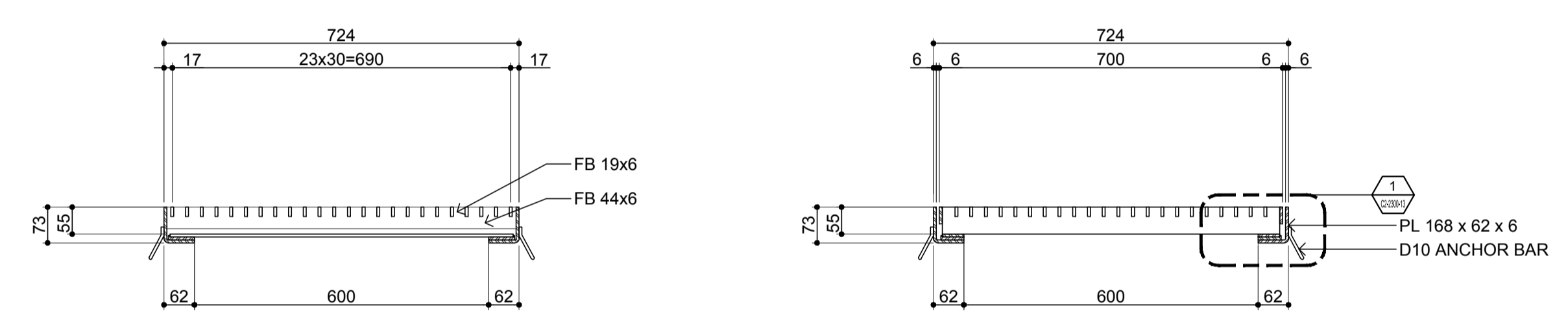
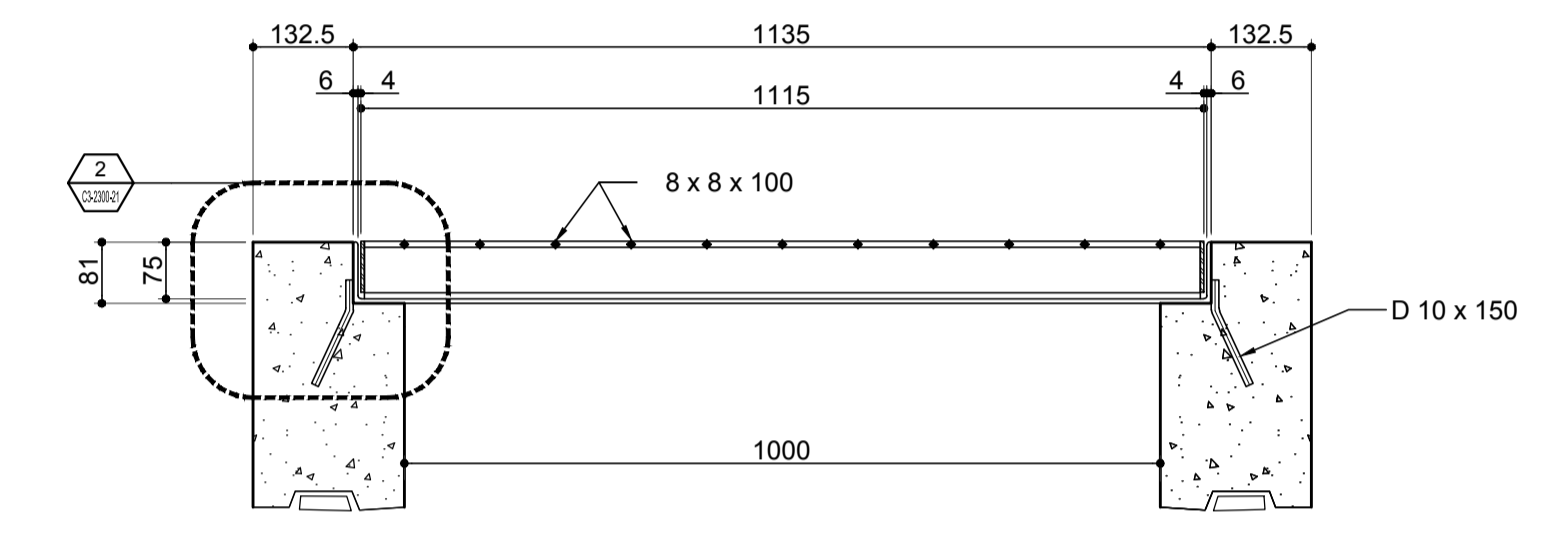
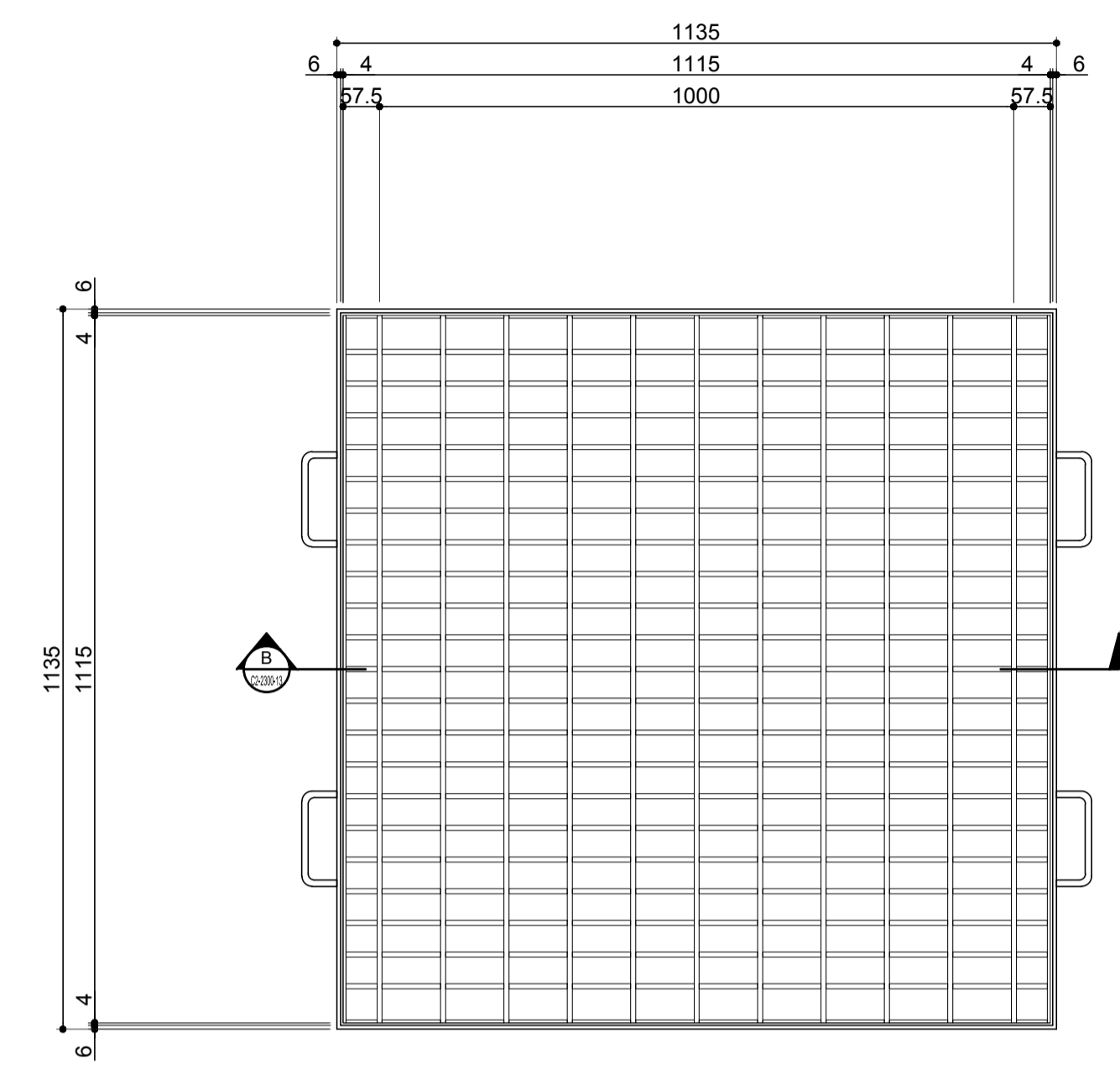
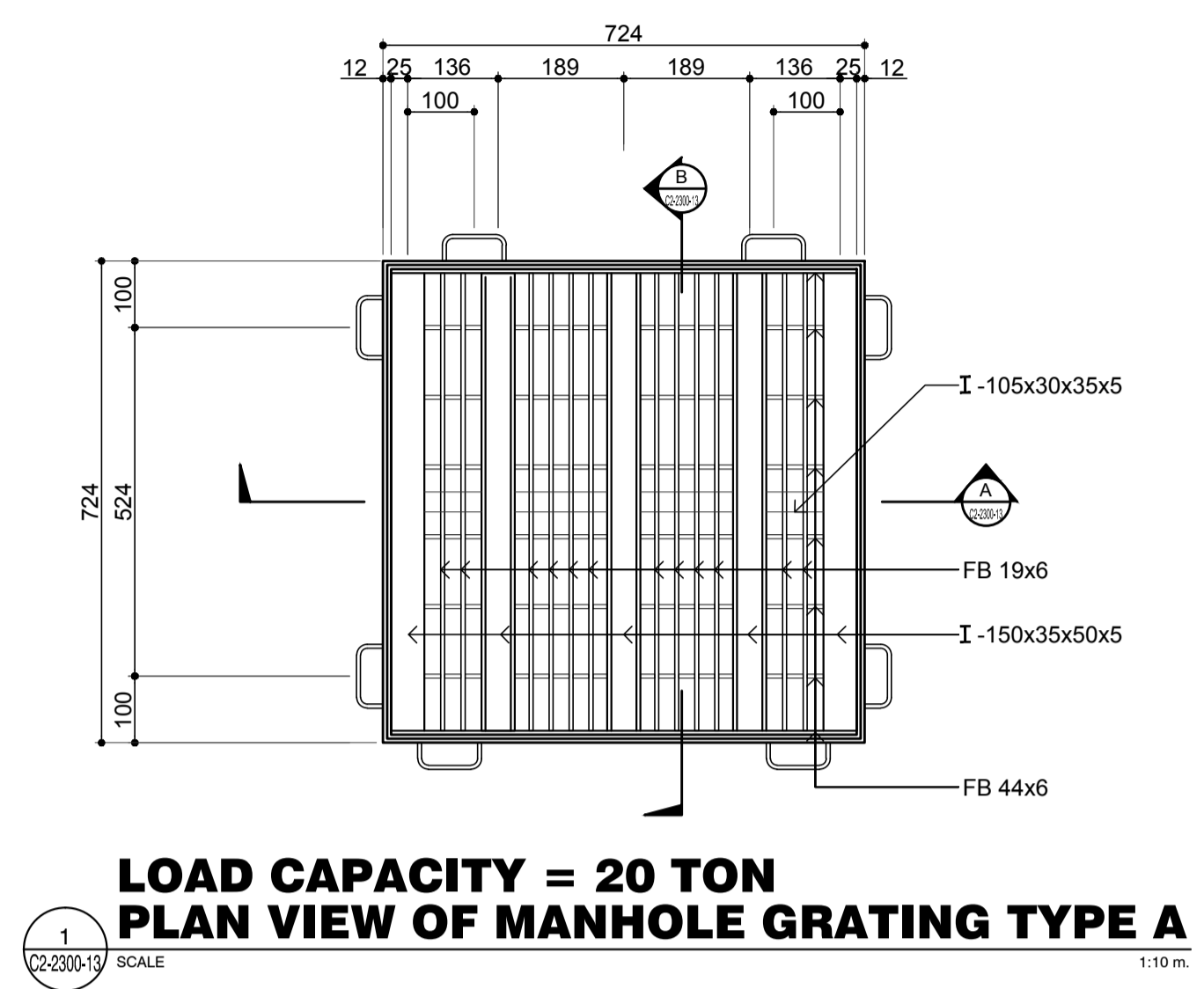
**STREET INLET PLAN AND DETAIL**  
SCALE AS SHOWN

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM STREET INLET PLAN AND DETAIL	SHEET NO: <b>C2-2300-11</b>	
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	NIPPON KOEI CO., LTD.	NIS CONSULTANTS CO., LTD.	TADASHI AOI <small>Team Leader</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



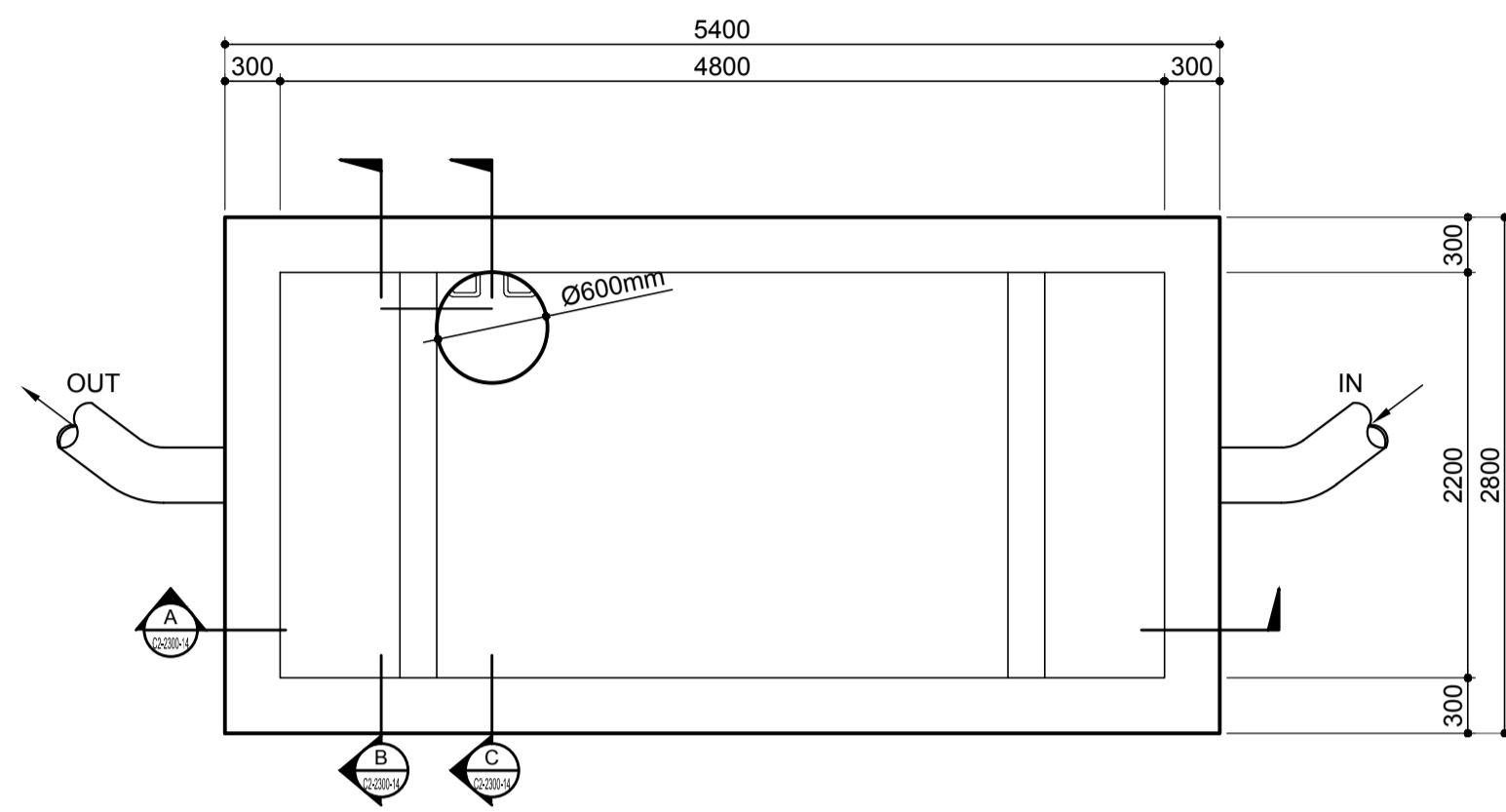
**1 FILTRATION BANK PLAN AND DETAIL**  
SCALE

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 16, 2013 T.I.N. 199-899-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM FILTRATION BANK PLAN AND DETAIL	SHEET NO: <b>C2-2300-12</b>
	JICA DESIGN CONSULTANT JOINT VENTURE	<b>TADASHI AOI</b> Team Leader	<b>ILDEFONSO T. PATDU, JR.</b> Assistant Secretary for Project Implementation, DOTC	<b>JULIANITO G. BUCAYAN, JR.</b> Undersecretary for Project Implementation, DOTC	DATE: JUNE 2013 INDEX: _____ AMENDMENTS: _____	Prepared by: WIM Checked by: HIC Validated by: _____	DRAWING SCALE: <b>AS SHOWN</b>

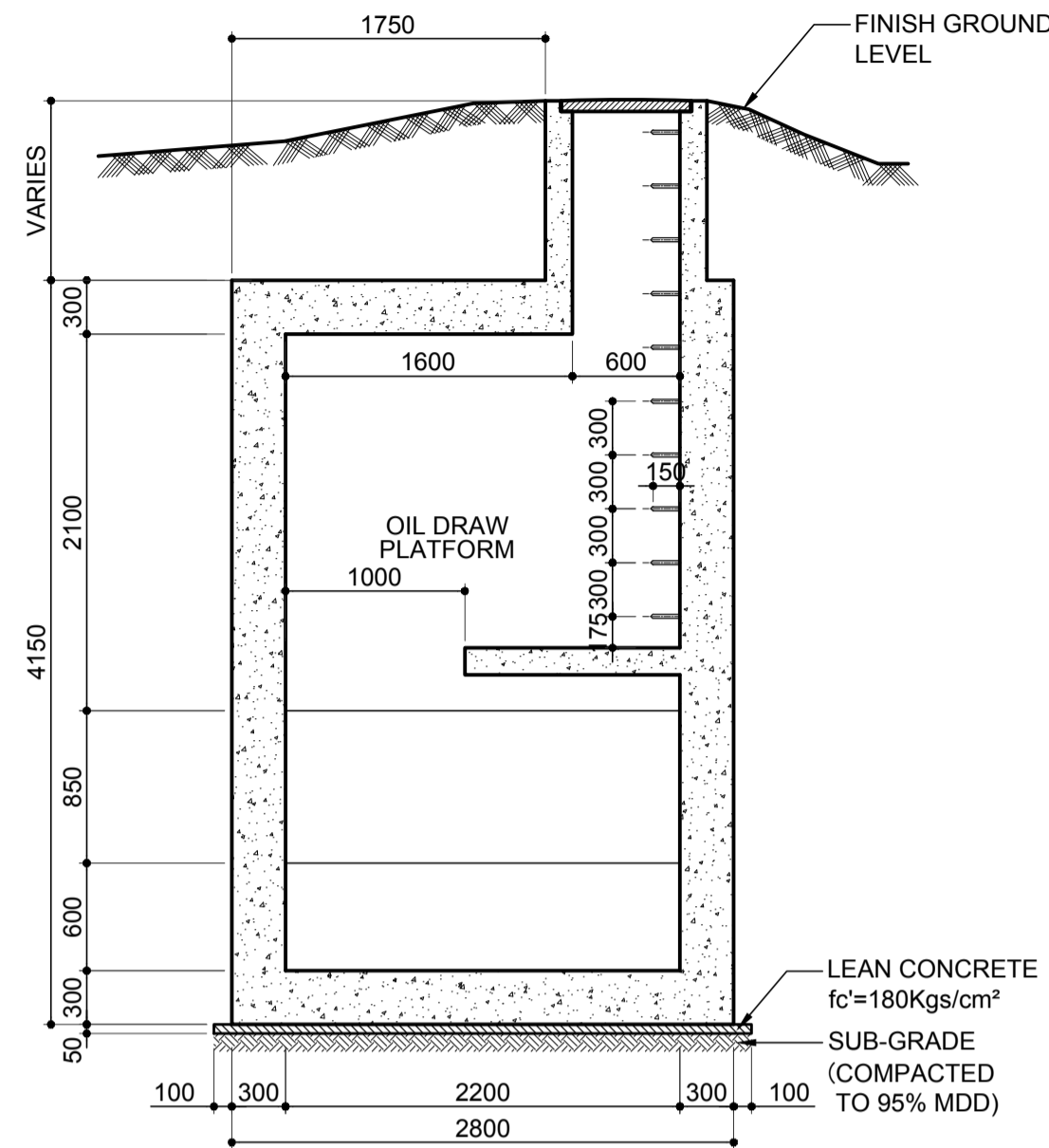


**MANHOLE GRATING PLAN AND DETAIL**  
 SCALE: 1:10 m.

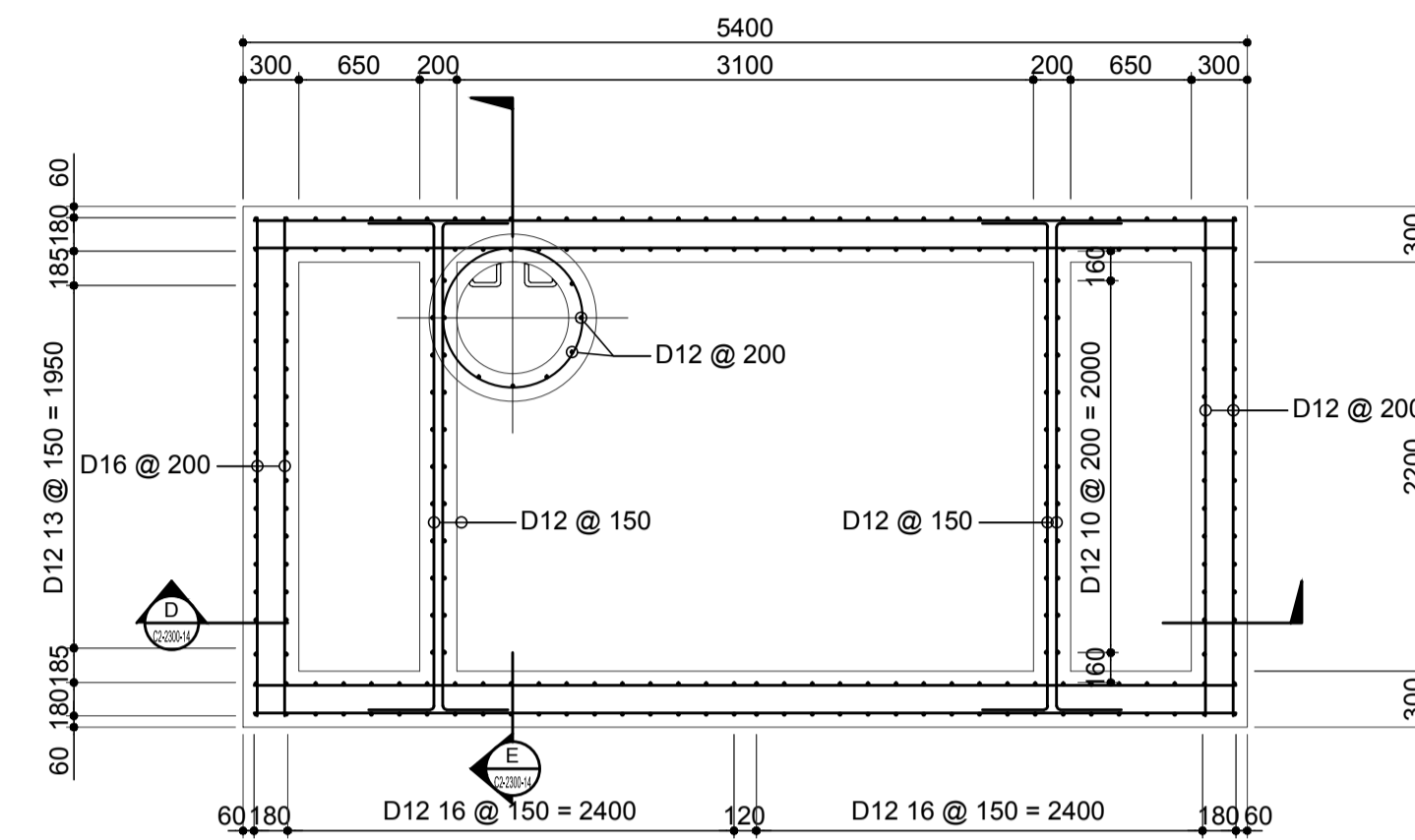
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241          REG. NO.: 34252 DATE: JULY 18, 2013          T.E.N. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JULDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary          for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary          for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM MANHOLE GRATING PLAN AND DETAIL AERONAUTICAL AREAS	SHEET NO: <b>C2-2300-13</b>
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.	TADASHI AOI <small>Team Leader</small>	JULDEFONSO T. PATDU, JR. <small>Assistant Secretary          for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary          for Project Implementation, DOTC</small>	DATE: JUNE 2013 INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



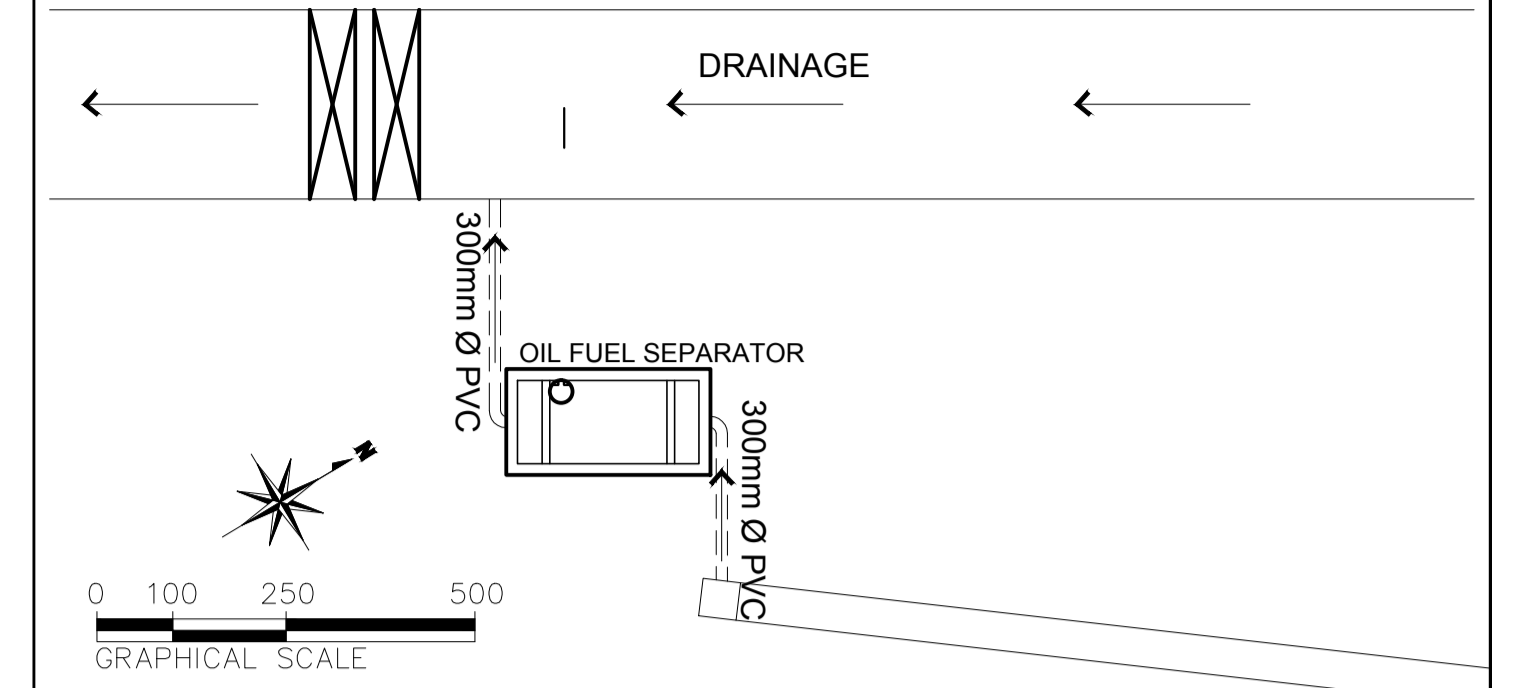
**1 PLAN VIEW**  
SCALE 1:40 m.



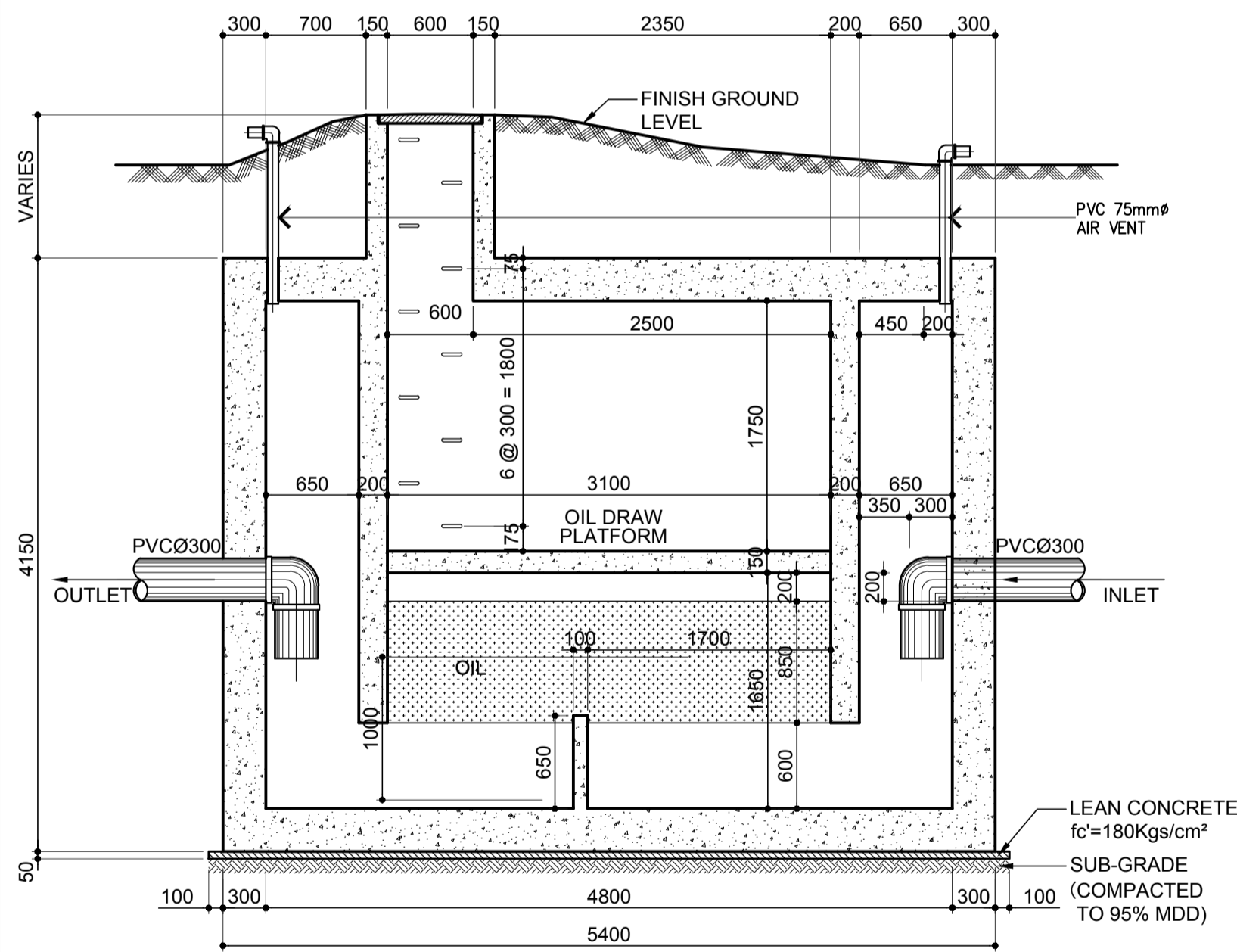
**C SECTION**  
SCALE 1:40 m.



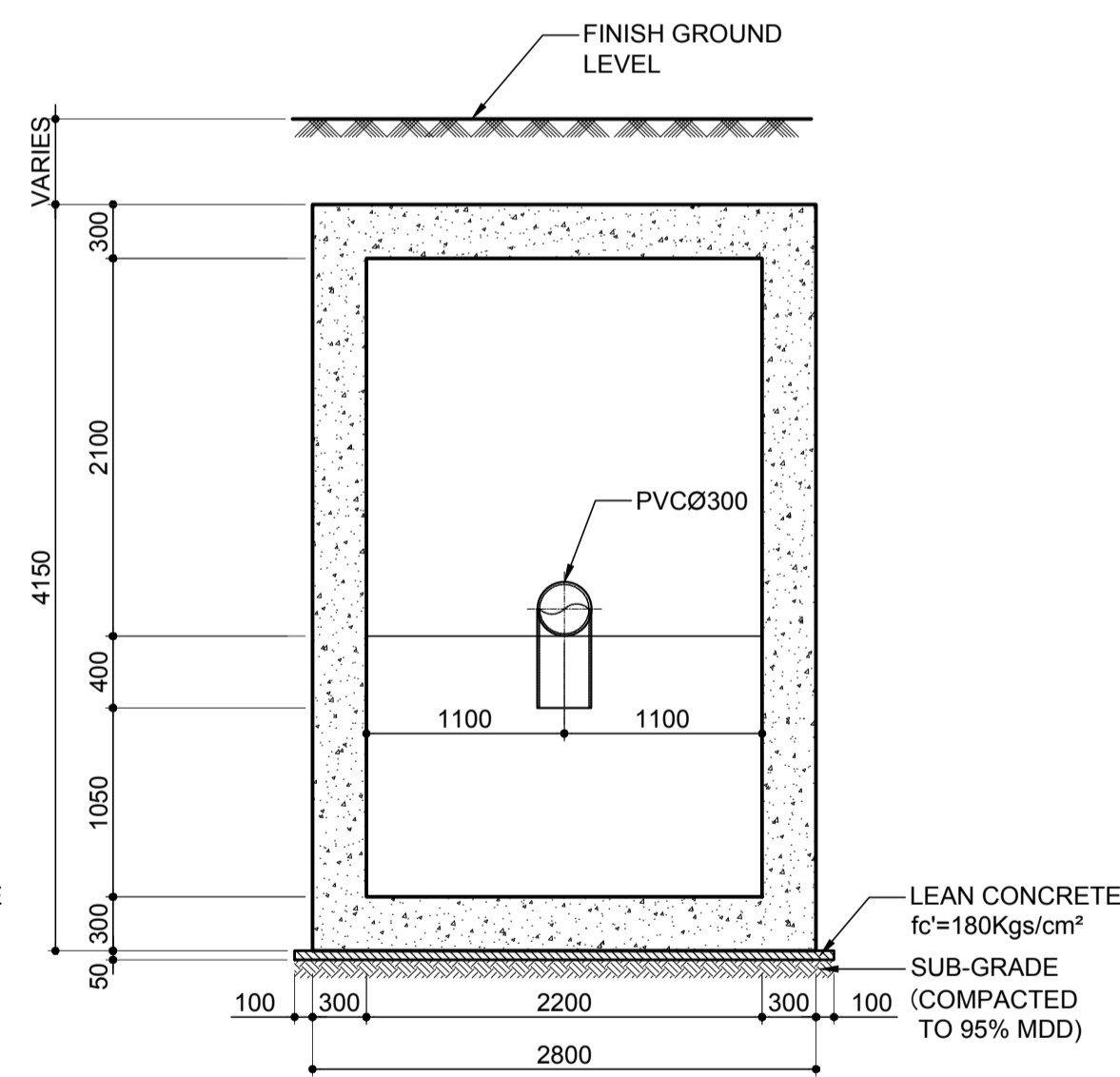
**2 REBAR PLAN**  
SCALE 1:40 m.



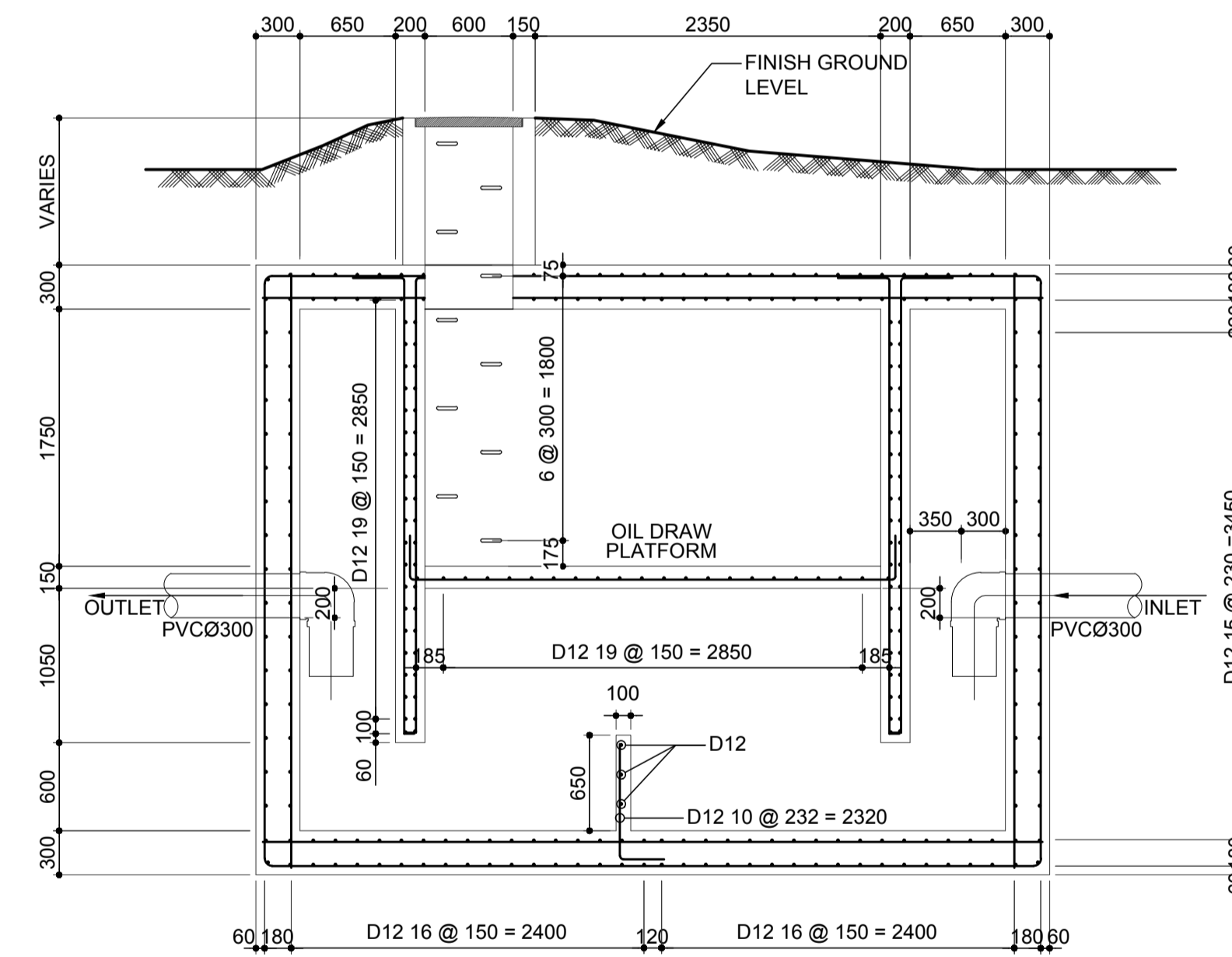
**KEY PLAN**



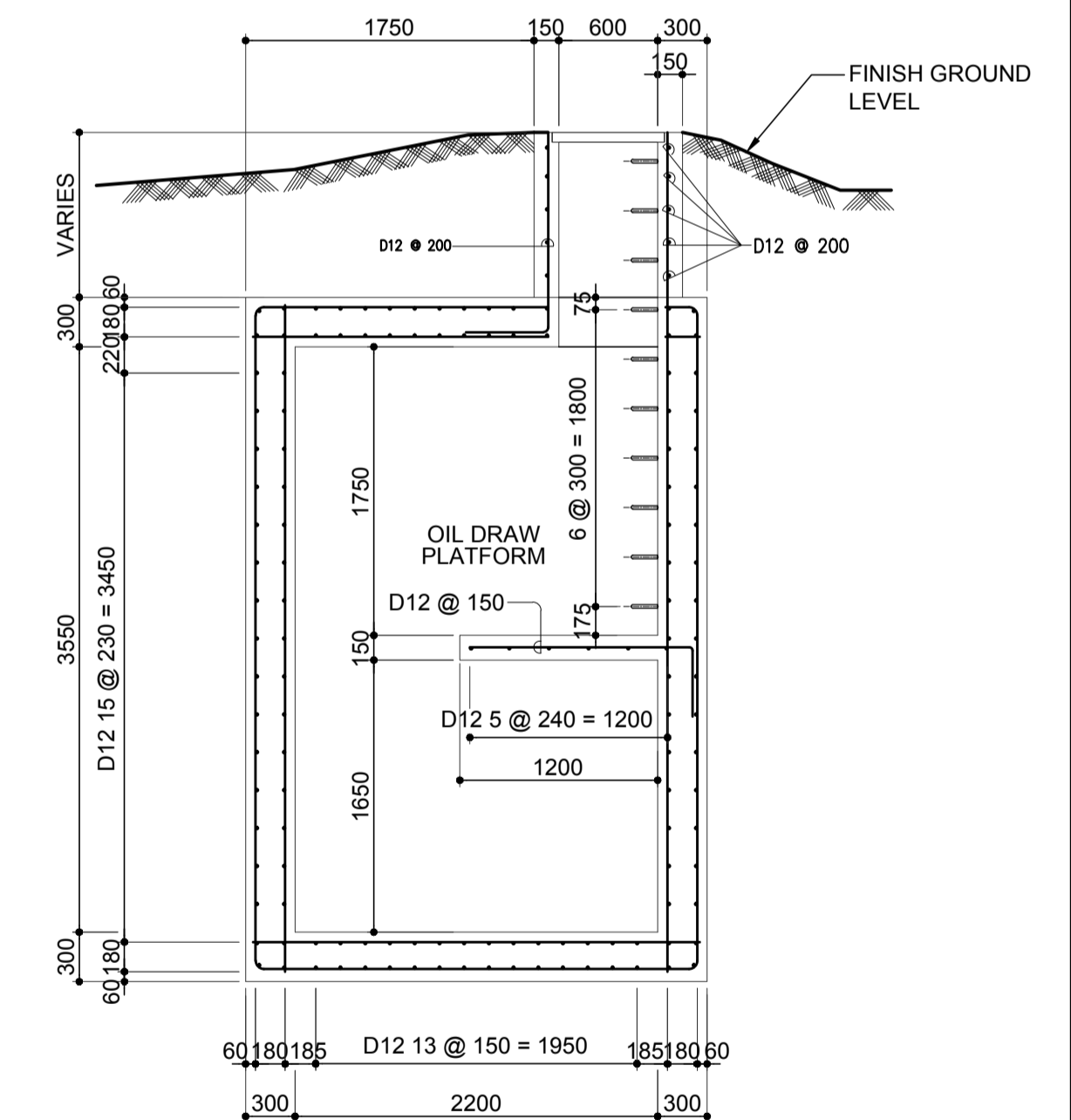
**A SECTION**  
SCALE 1:40 m.



**B SECTION**  
SCALE 1:40 m.



**D SECTION**  
SCALE 1:40 m.



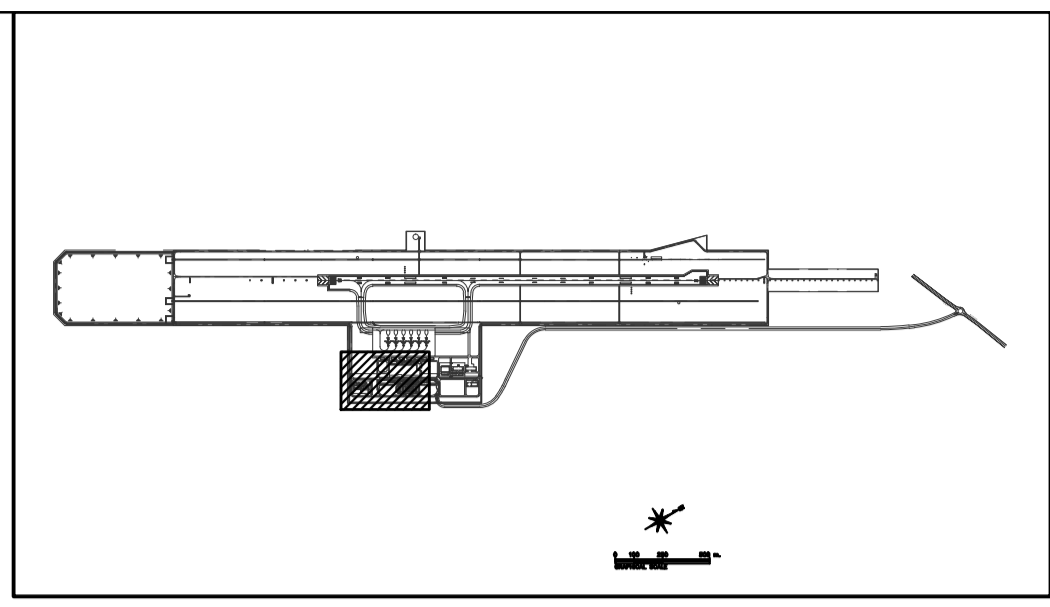
**E SECTION**  
SCALE 1:40 m.

**FUEL SEPARATOR TANK PLAN AND DETAIL**

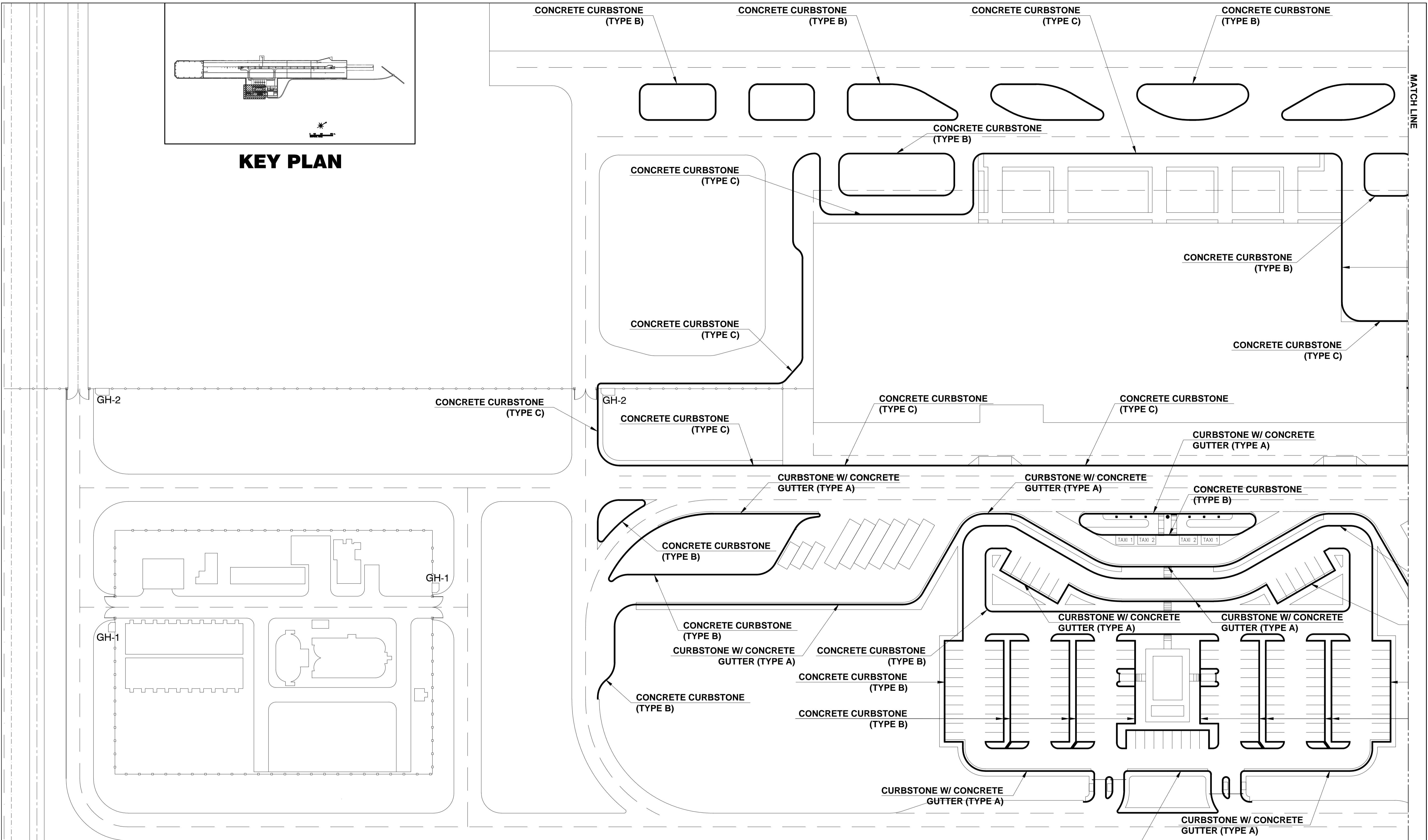
SCALE 1:40 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO. 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE DRAINAGE SYSTEM FUEL SEPARATOR TANK PLAN AND DETAIL	SHEET NO: <b>C2-2300-14</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013 INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



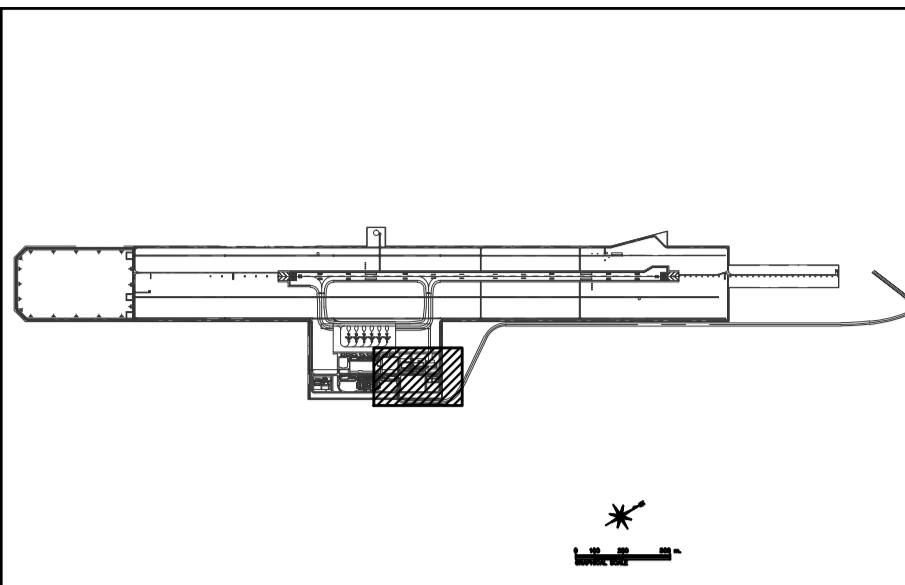
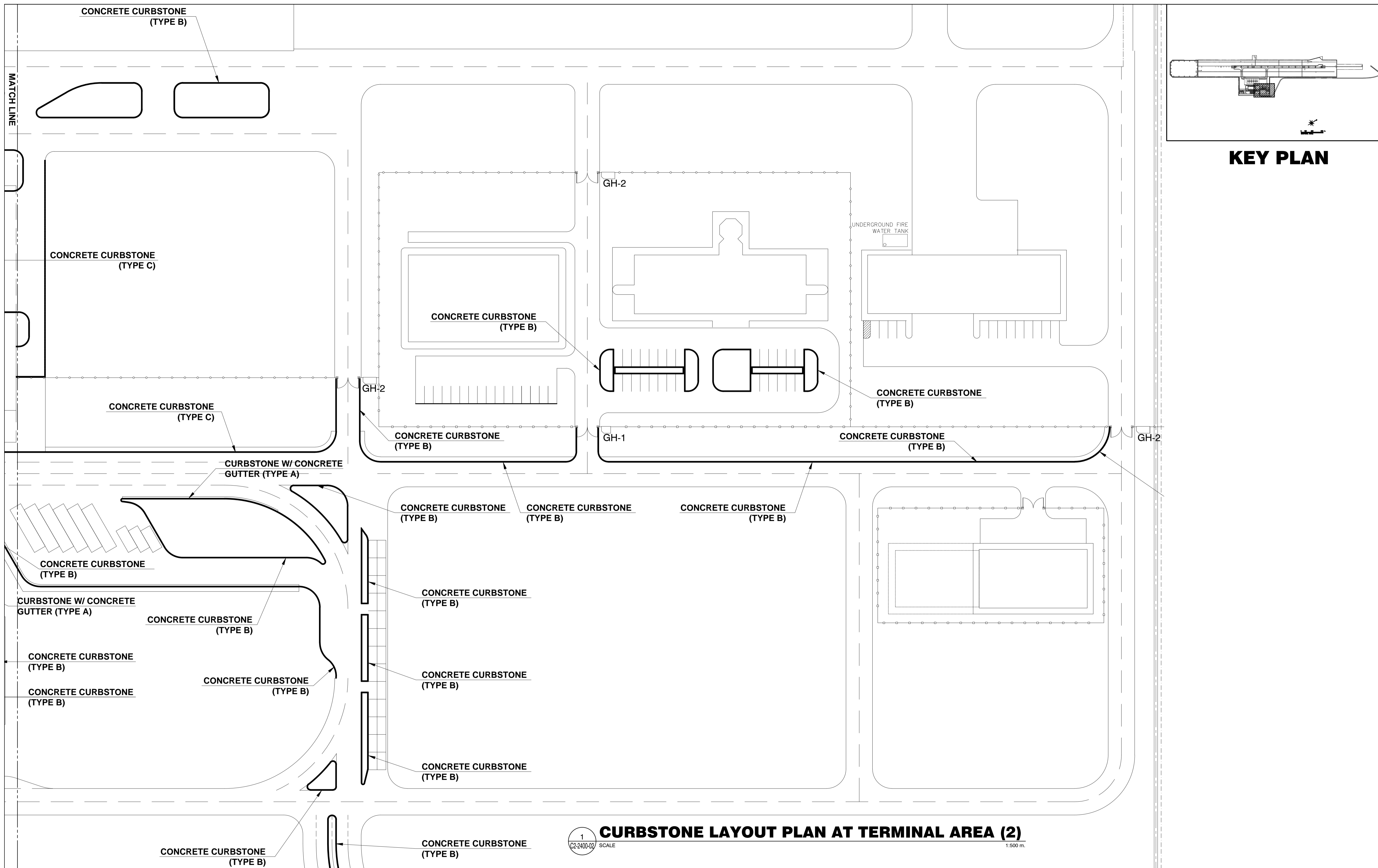


**KEY PLAN**



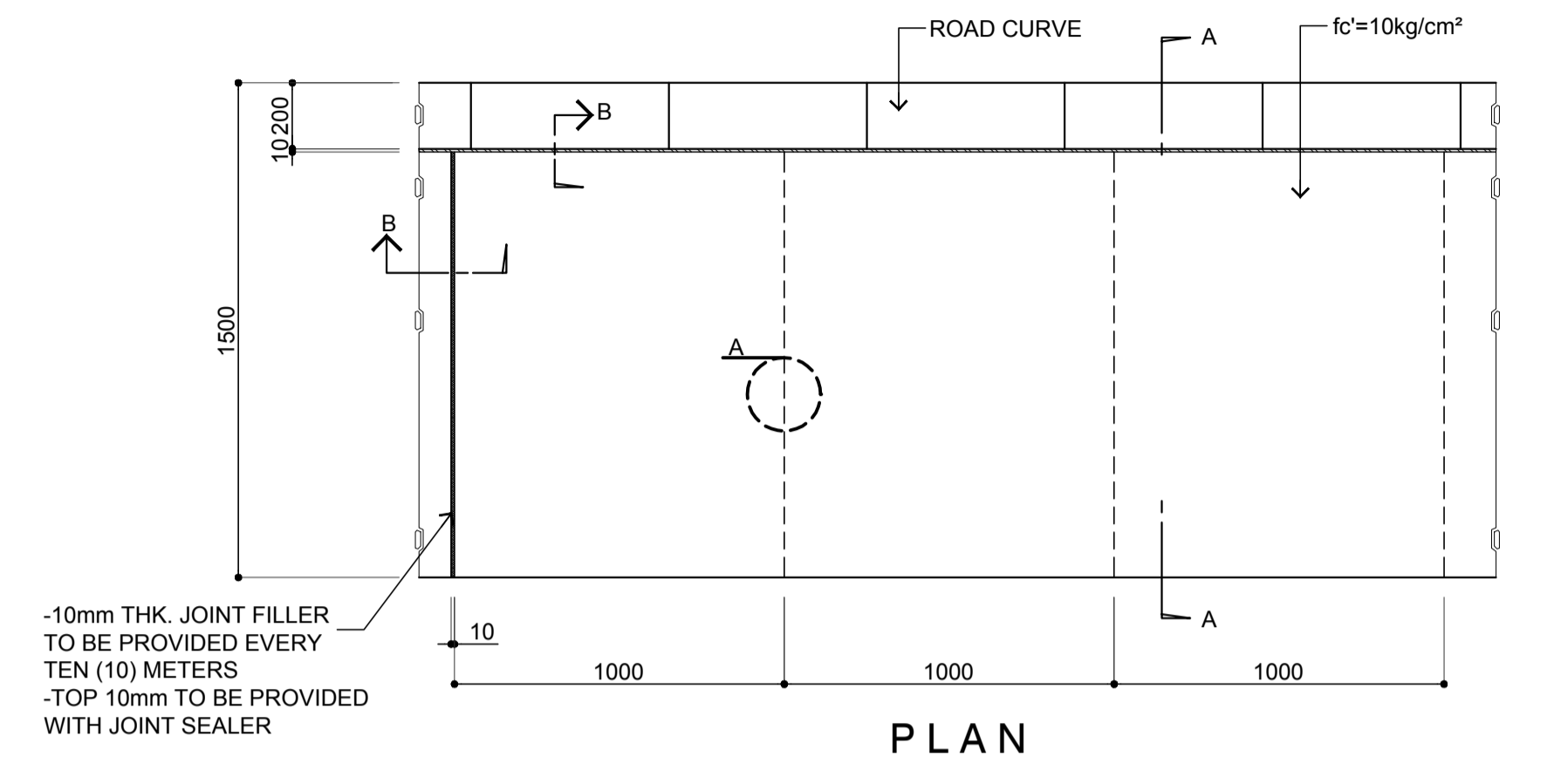
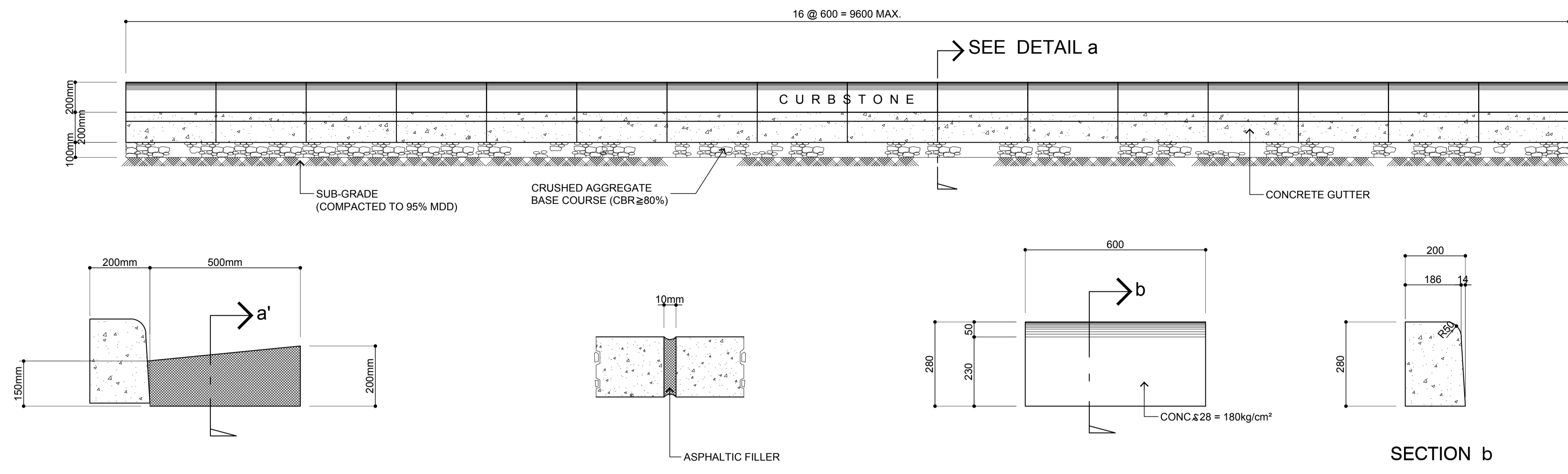
**1 CURBSTONE LAYOUT PLAN AT TERMINAL AREA (1)**  
 C2-2400-01 SCALE 1:500 m.

	PREPARED BY: <input type="checkbox"/>	RECOMMENDING APPROVAL:	APPROVED:	PROJECT TITLE:	SHEET CONTENTS:			SHEET NO:
	ERACIO T. PATDU <small>PROF: CIVIL ENGINEER PIR: 3158241          REG. NO.: 34252 DATE: JULY 18, 2013          TEL: 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary          for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary          for Project Implementation, DOTC</small>	NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT	COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS CURBSTONE LAYOUT PLAN AT TERMINAL AREA (1)	JUNE 2013 DATE INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:		



**1 CURBSTONE LAYOUT PLAN AT TERMINAL AREA (2)**  
SCALE 1:500 m.

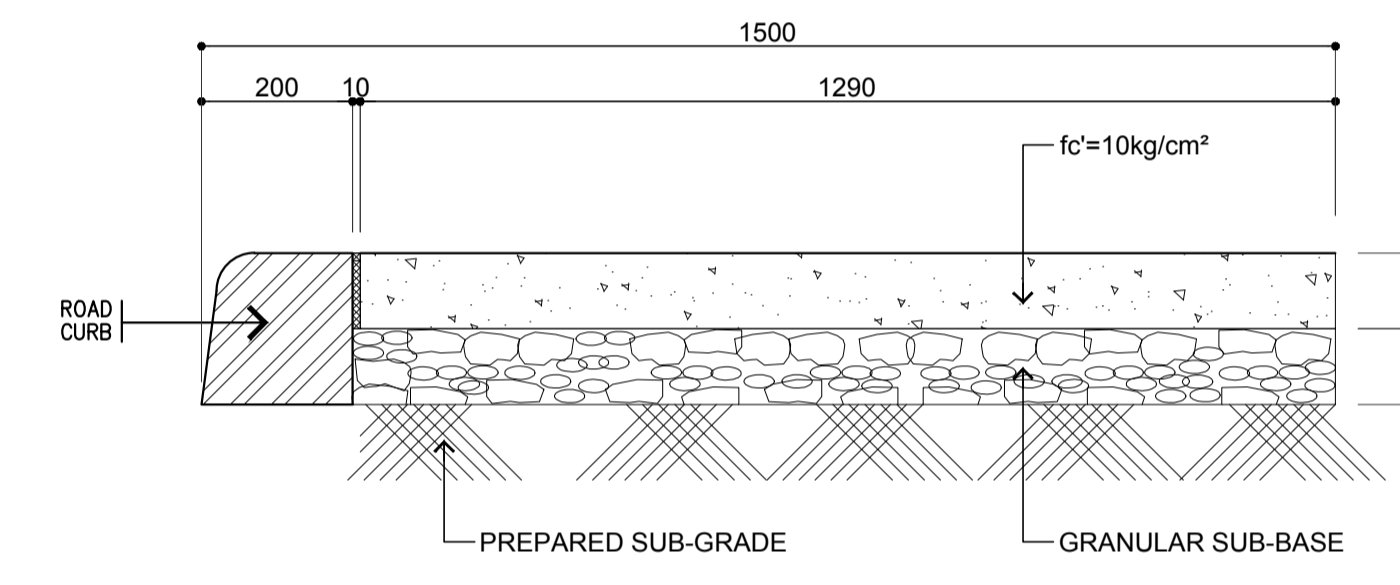
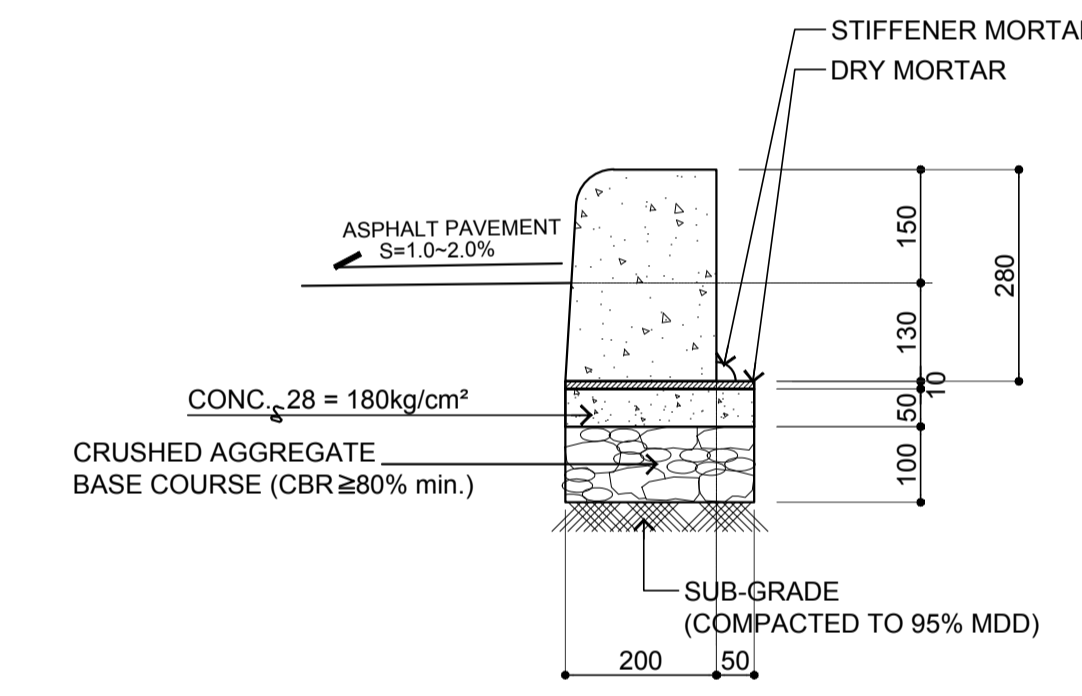
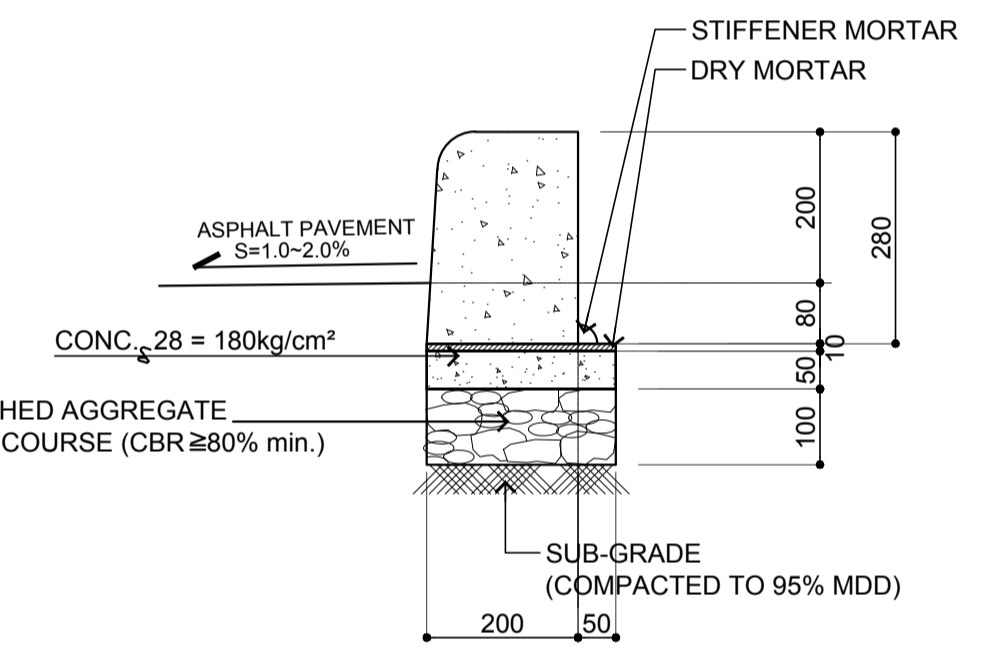
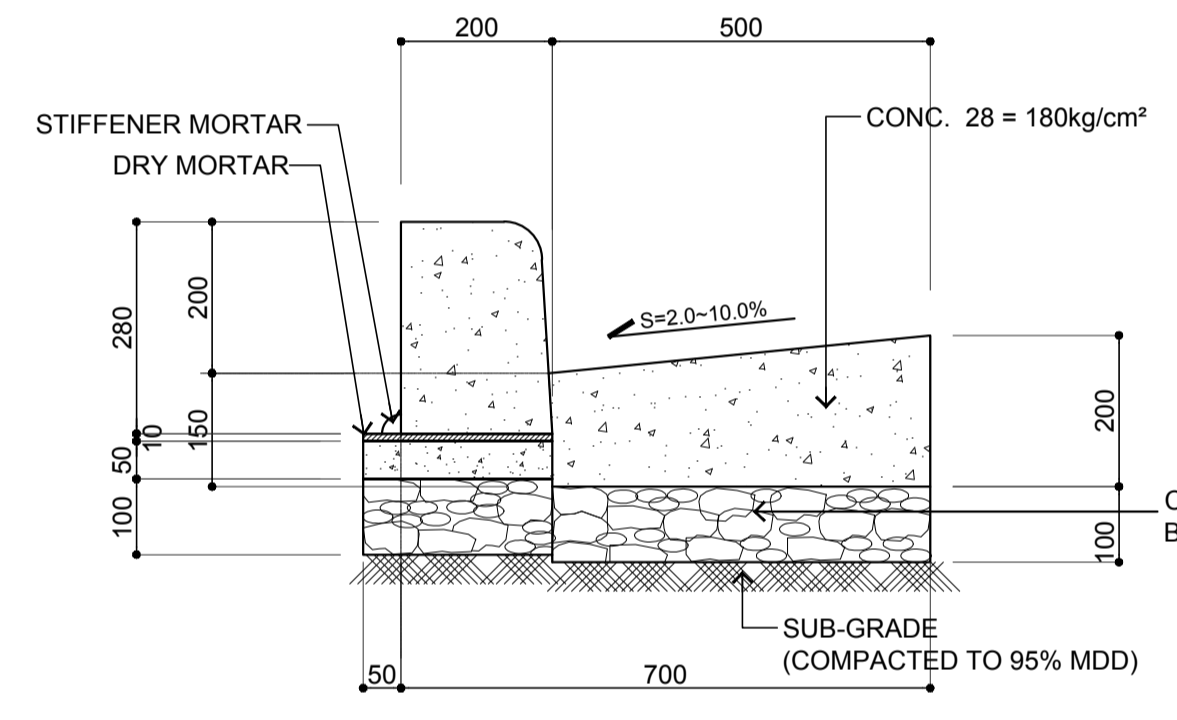
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO. 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS CURBSTONE LAYOUT PLAN AT TERMINAL AREA (2)	SHEET NO: <b>C2-2400-02</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NK</b> NIPPON KOEI CO., LTD. <b>NIS</b> NIS CONSULTANTS CO., LTD.	<b>TADASHI AOI</b> Team Leader	<b>ILDEFONSO T. PATDU, JR.</b> Assistant Secretary for Project Implementation, DOTC	<b>JULIANITO G. BUCAYAN, JR.</b> Undersecretary for Project Implementation, DOTC	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DATE INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:



**1 DETAIL A - EXPANSION JOINT**  
SCALE: 1:10 m.

**2 DETAIL a'**  
SCALE: 1:10 m.

**3 PRE-CAST CONCRETE CURBSTONE**  
SCALE: 1:10 m.

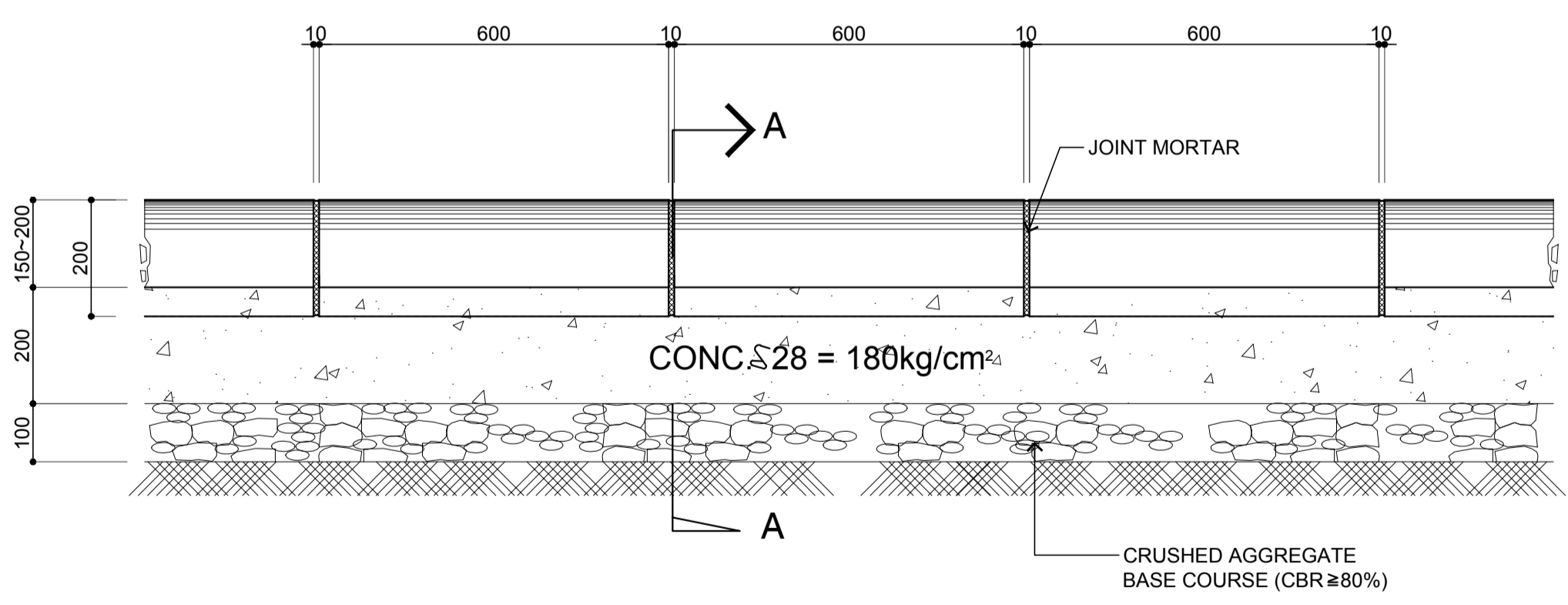


**4 TYPICAL SECTION "A - A"**  
SCALE: 1:10 m.

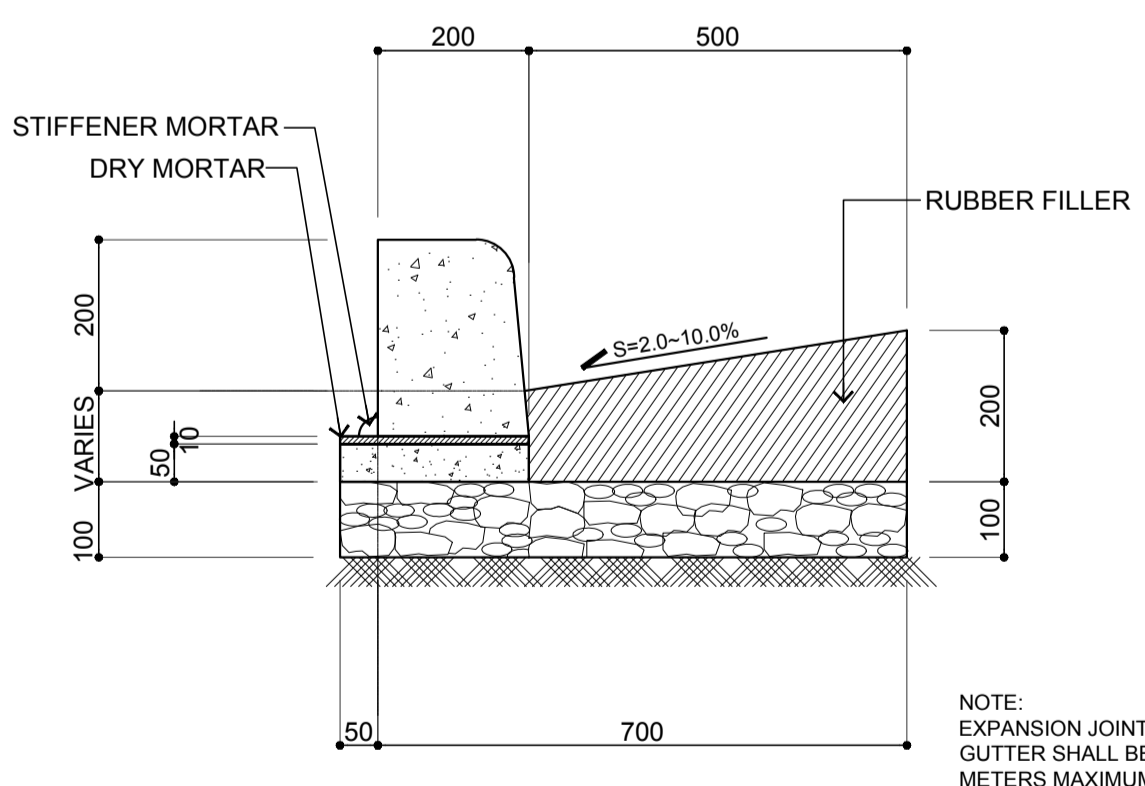
TYPE A

TYPE B

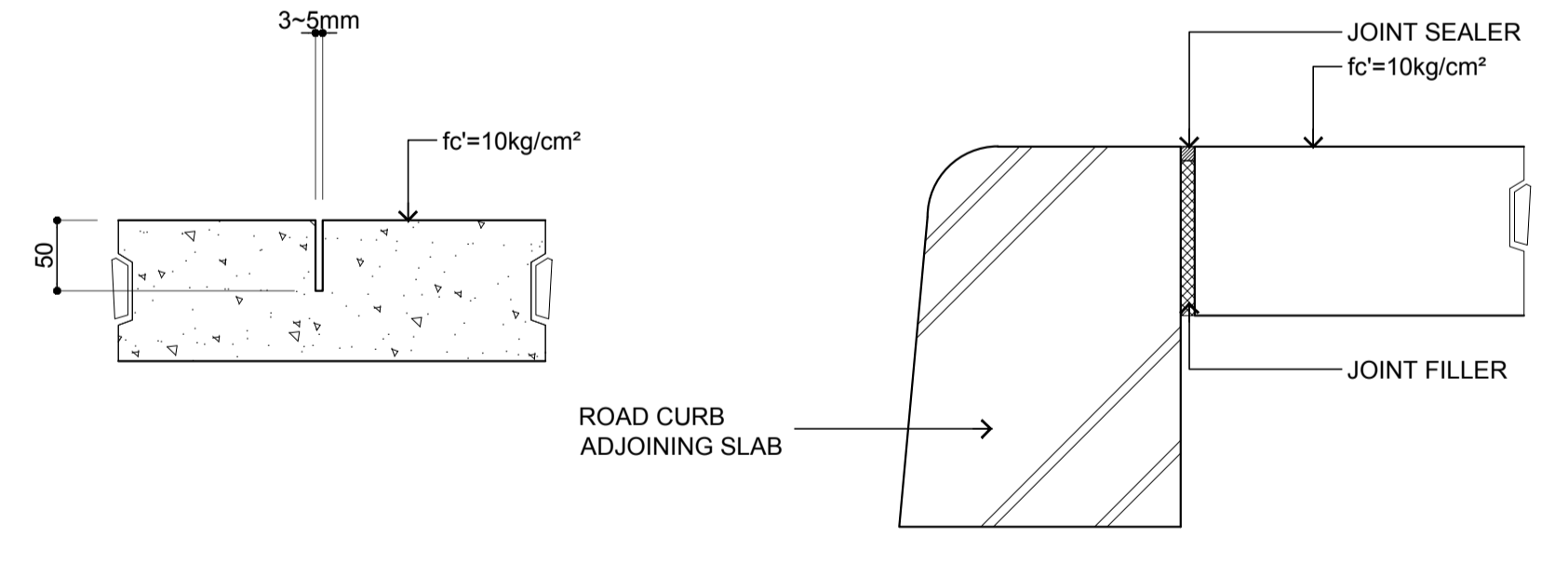
TYPE C



LONGITUDINAL SECTION



SECTION "A-A" (EXPANSION JOINT DETAIL)



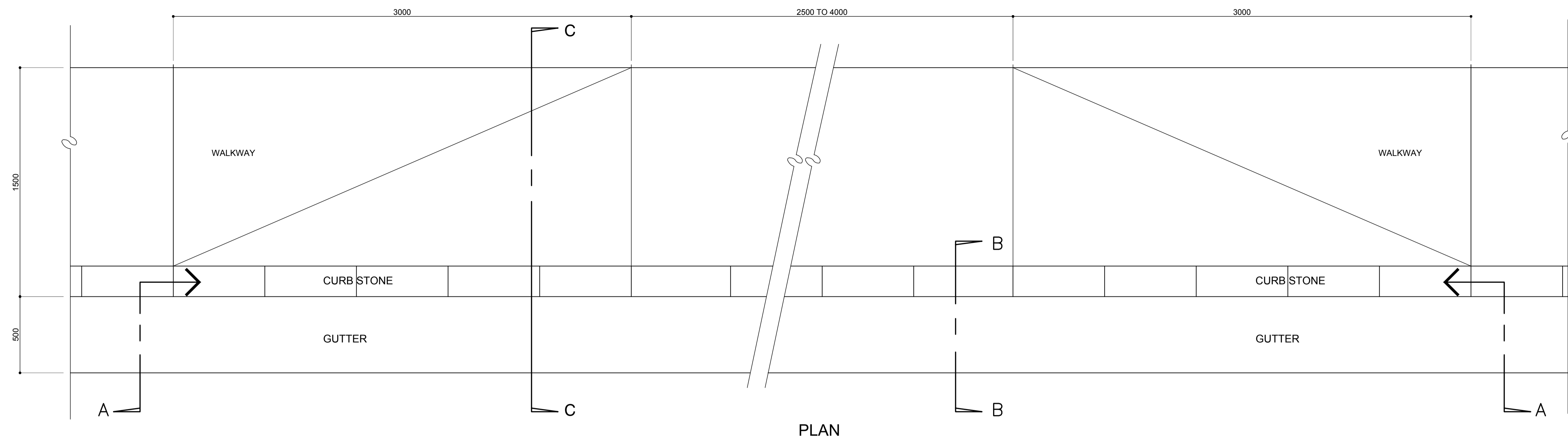
**6 DETAIL "A"**  
SCALE: 1:5 m.

**7 DETAIL "B"**  
SCALE: 1:4 m.

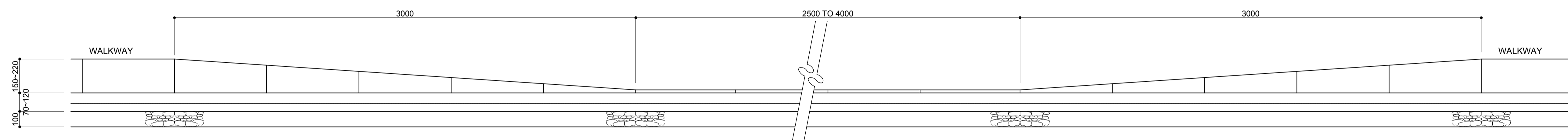
TYPICAL PEDESTRIAN CONCRETE WALKWAY

**5 TYPICAL CURBSTONE DETAIL**  
SCALE: 1:10 m.

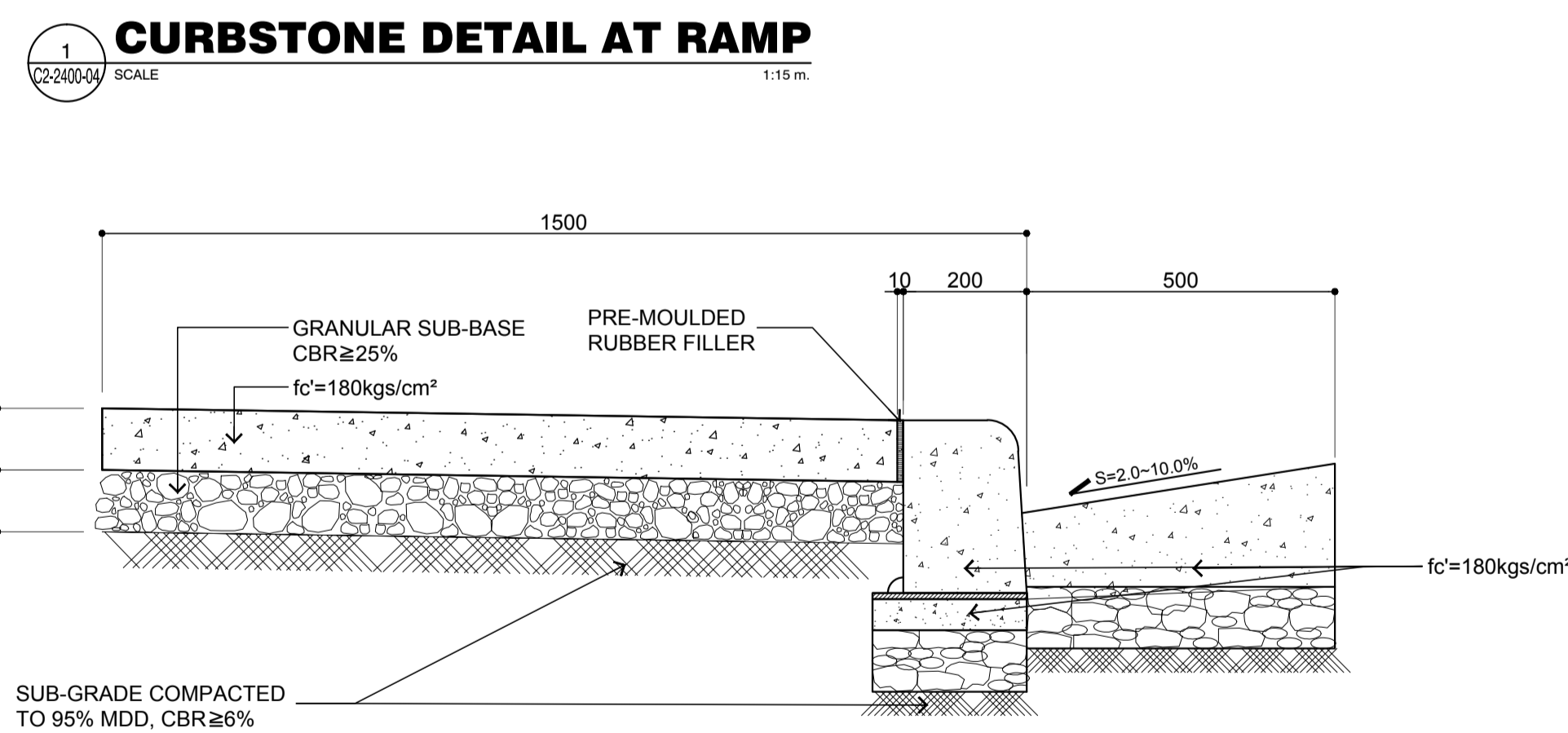
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS CURBSTONE DETAILS (1)	SHEET NO: <b>C2-2400-03</b>	
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



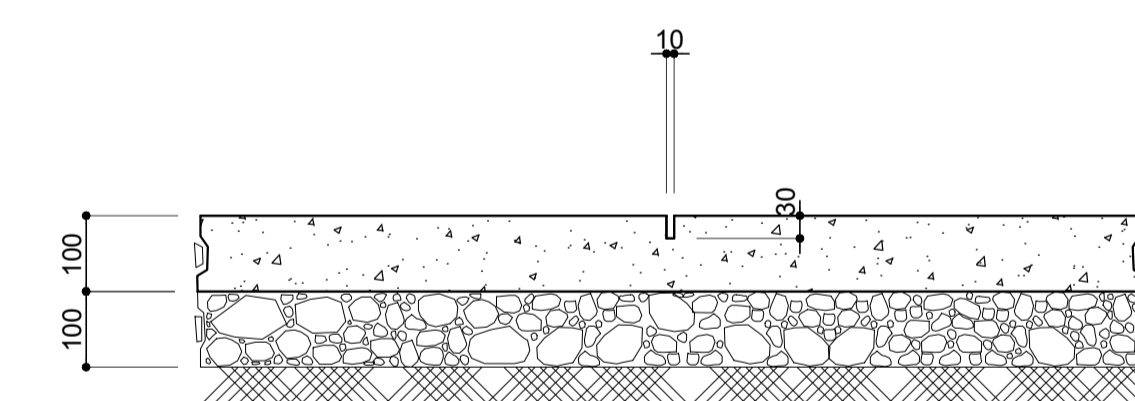
PLAN



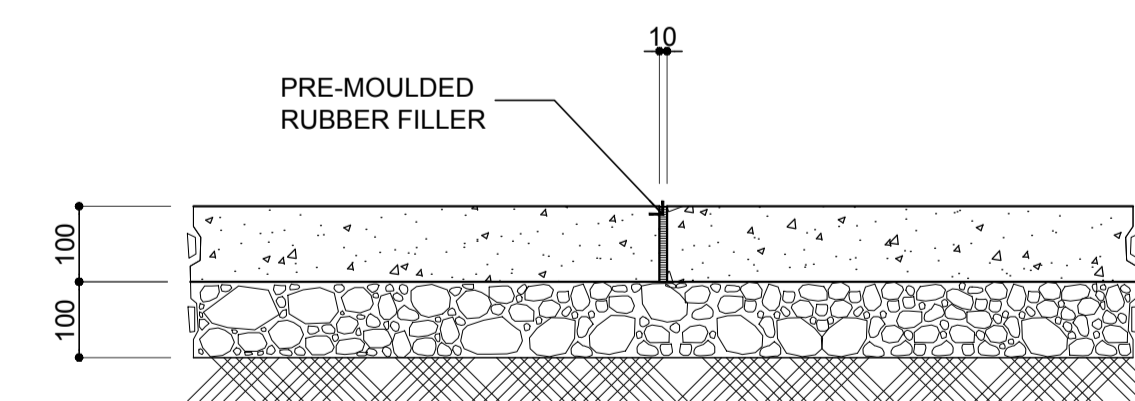
SECTION "A"



1 CURBSTONE DETAIL AT RAMP  
SCALE: 1:15 m.

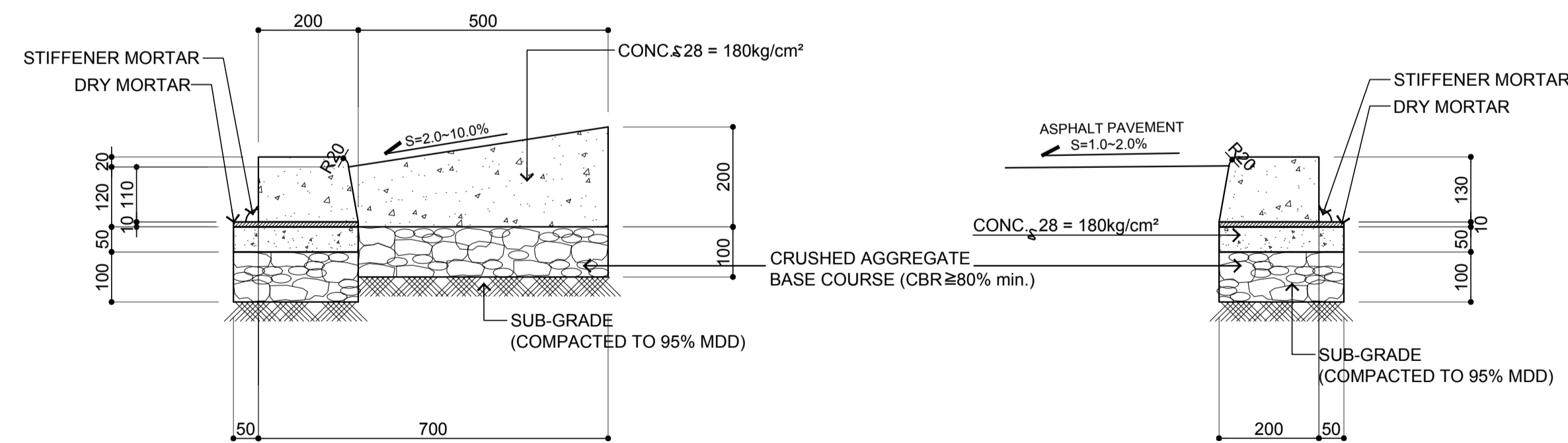


4 CONTACT JOINTS  
SCALE: 1:10 m.



NOTE:  
1. CONTRACTION AND EXPANSION JOINTS SHOULD BE PROVIDED AT EVERY 1.00 METERS AND 10.00 METERS RESPECTIVELY

5 EXPANSION JOINTS  
SCALE: 1:10 m.

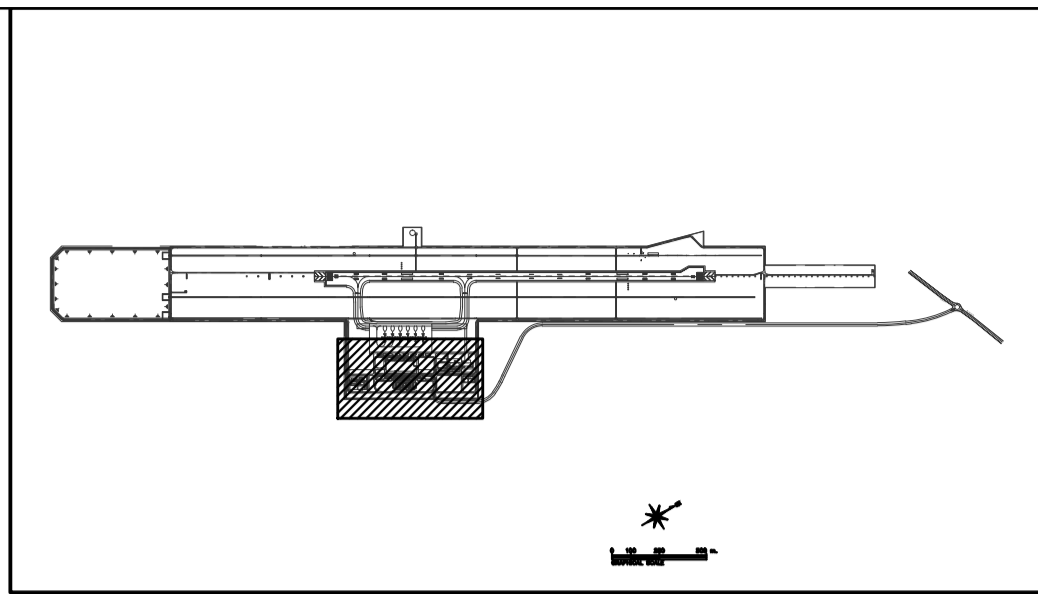


2 SECTION B (GUTTER)  
SCALE: 1:10 m.

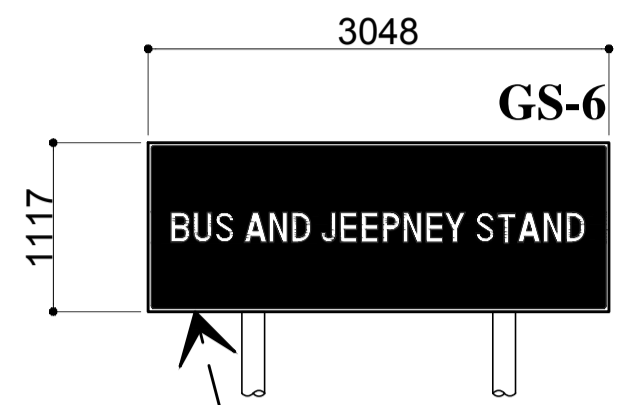
3 SECTION B (NO GUTTER)  
SCALE: 1:10 m.

4 SECTION "C-C" (WALKWAY/SIDEWALK)  
SCALE: 1:10 m.

	Republic of the Philippines DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS	JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241          REG. NO.: 34252 DATE: JULY 18, 2013          TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL:  	APPROVED:  	PROJECT TITLE:  	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS CURBSTONE DETAILS (2)	SHEET NO: <b>C2-2400-04</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	NIPPON KOEI CO., LTD.	NIS CONSULTANTS CO., LTD.	TADASHI AOI Team Leader	ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DRAWING SCALE: AS SHOWN



**KEY PLAN**



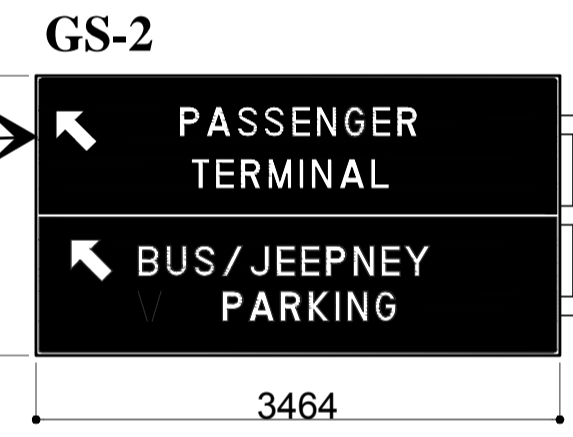
**PASSENGER TERMINAL BUILDING**

**POWER HOUSE**

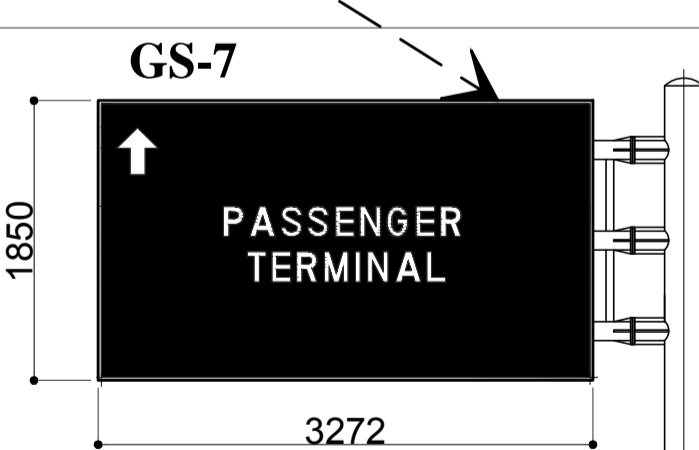
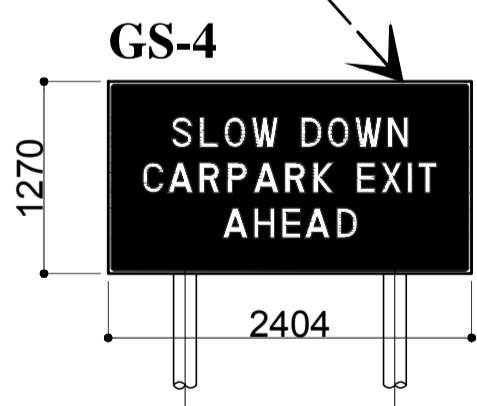
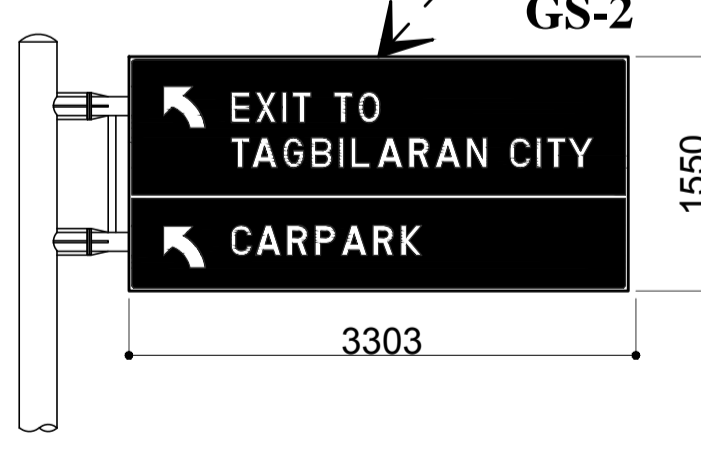
**CTO ADM**

**FRS MNT**

**SEWAGE TREATMENT PLANT**



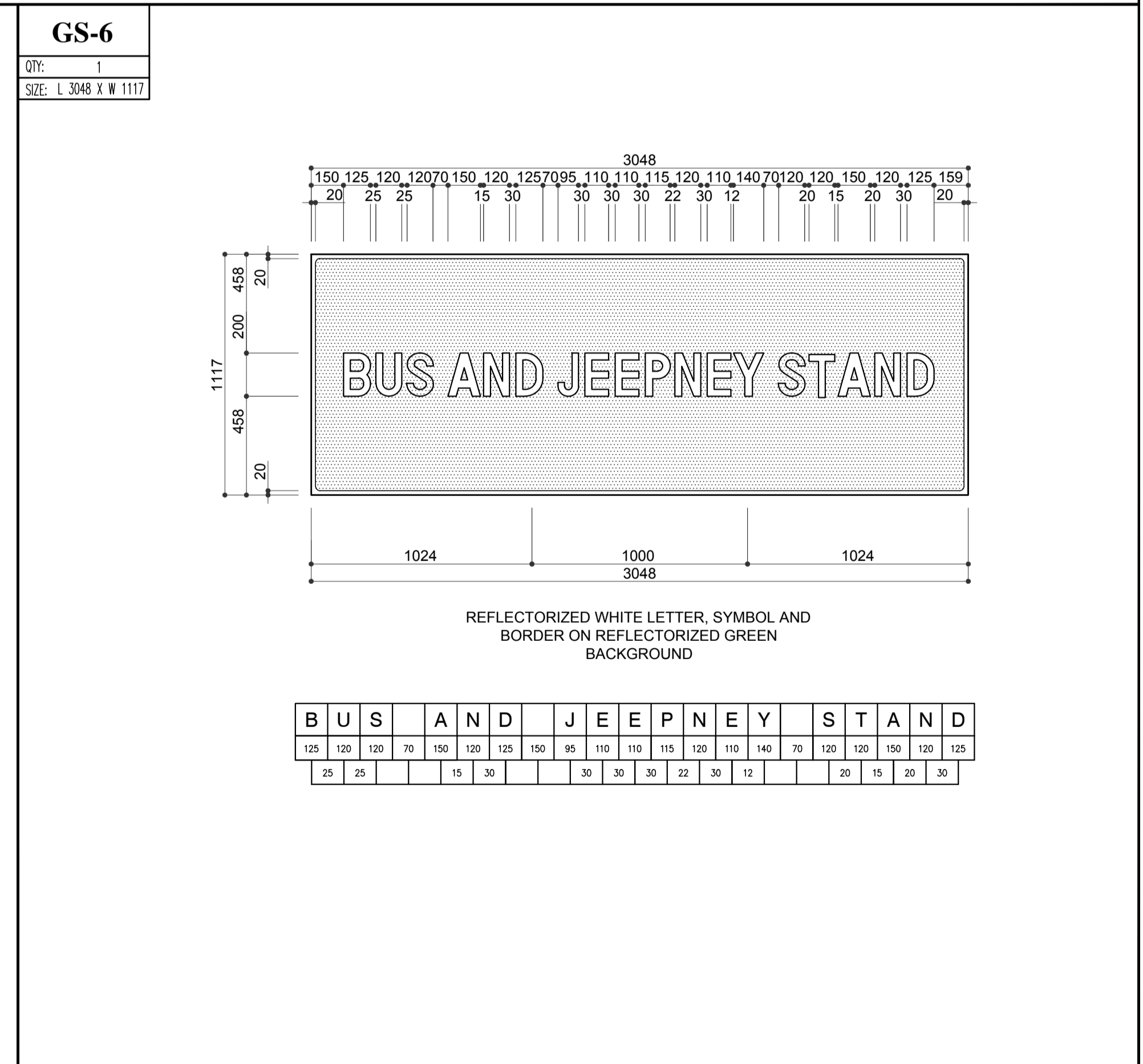
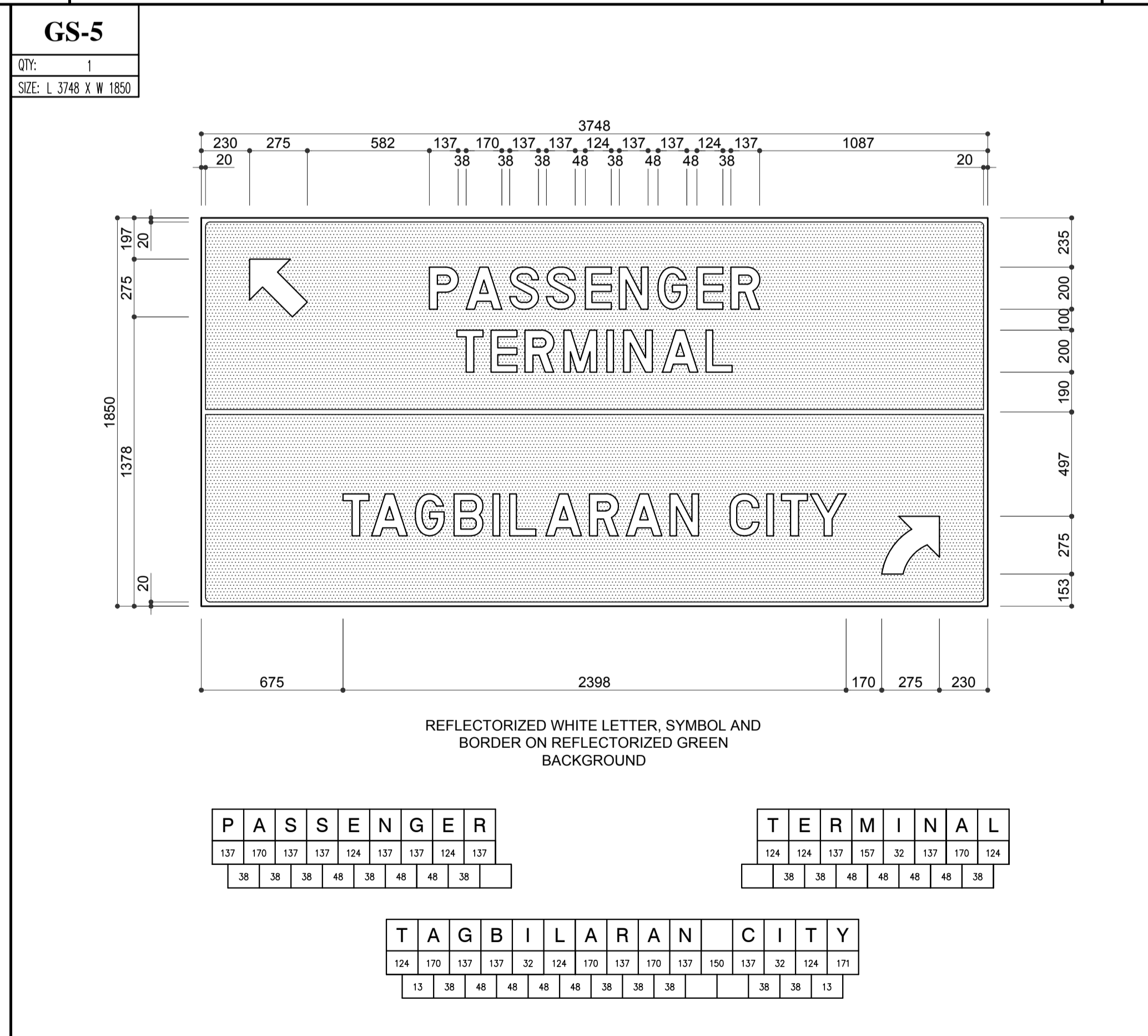
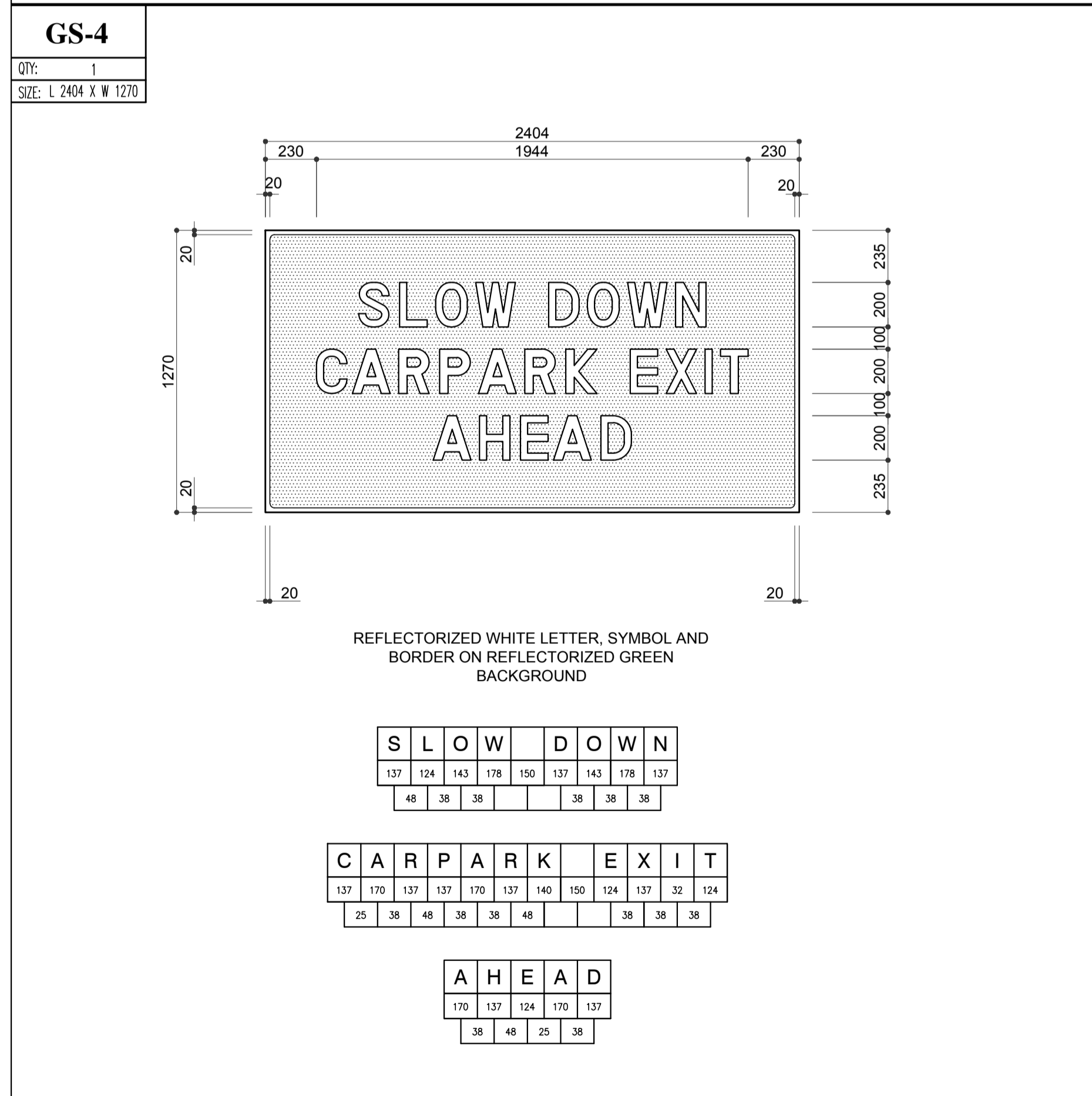
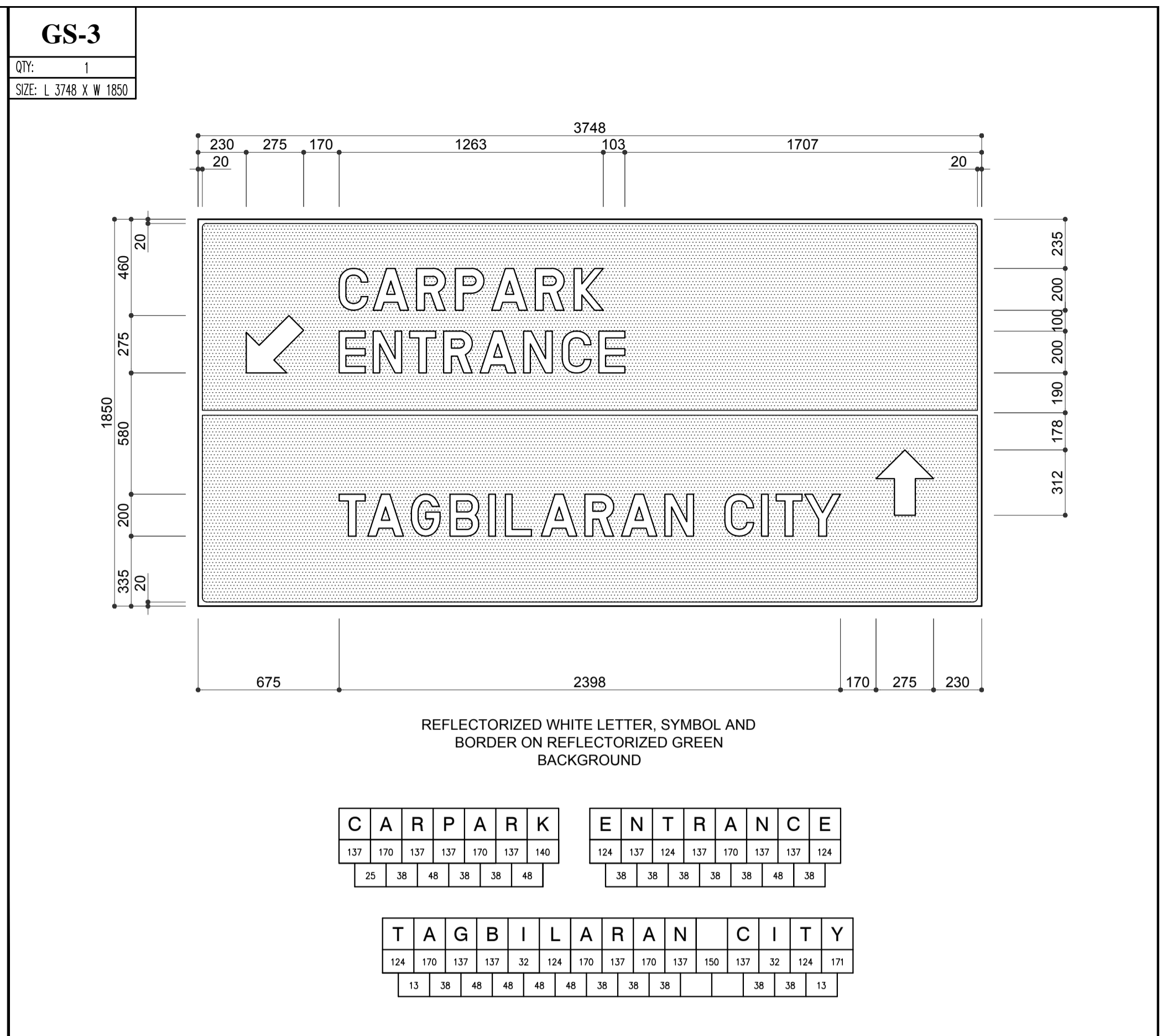
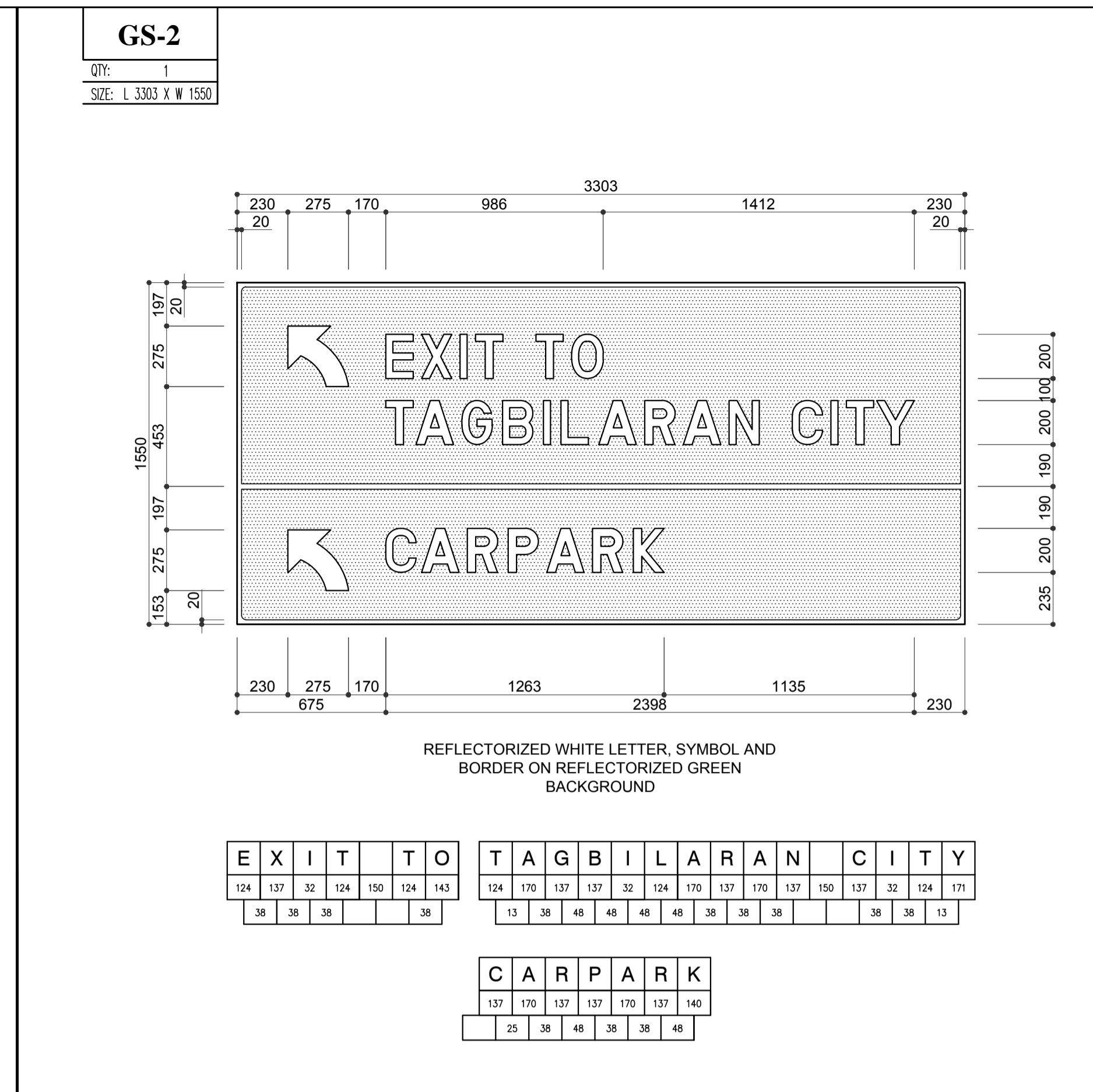
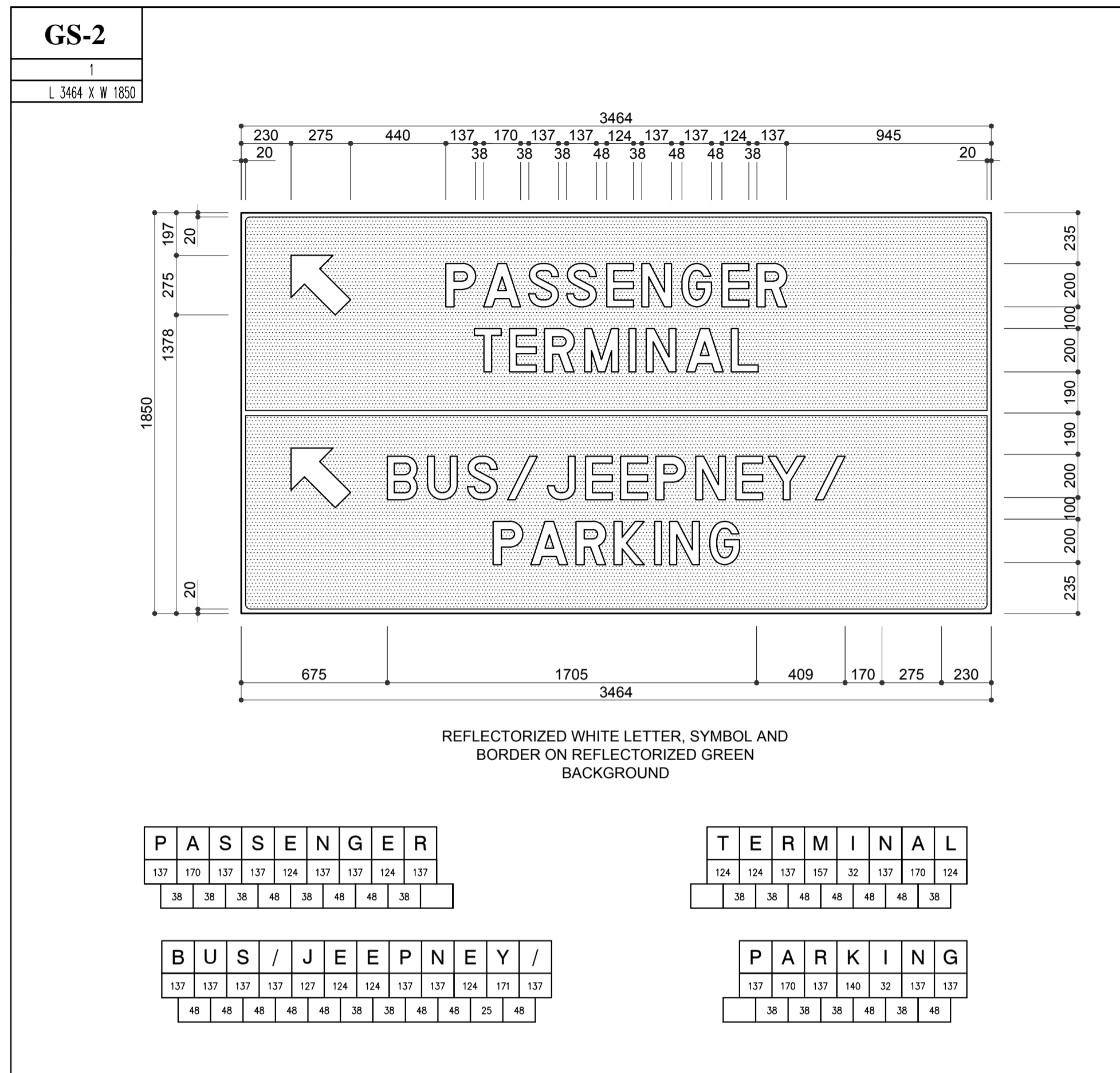
**WT PR**



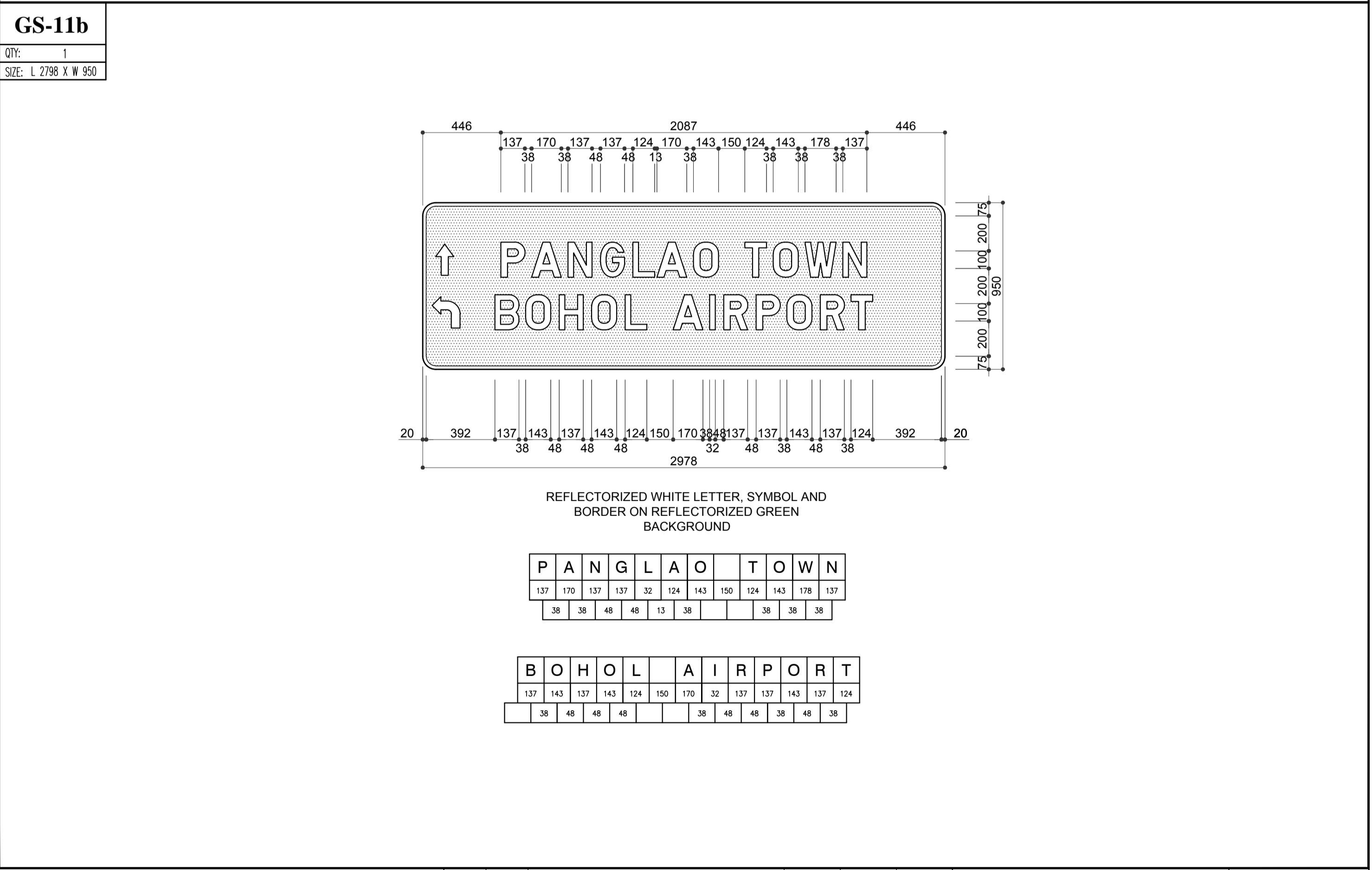
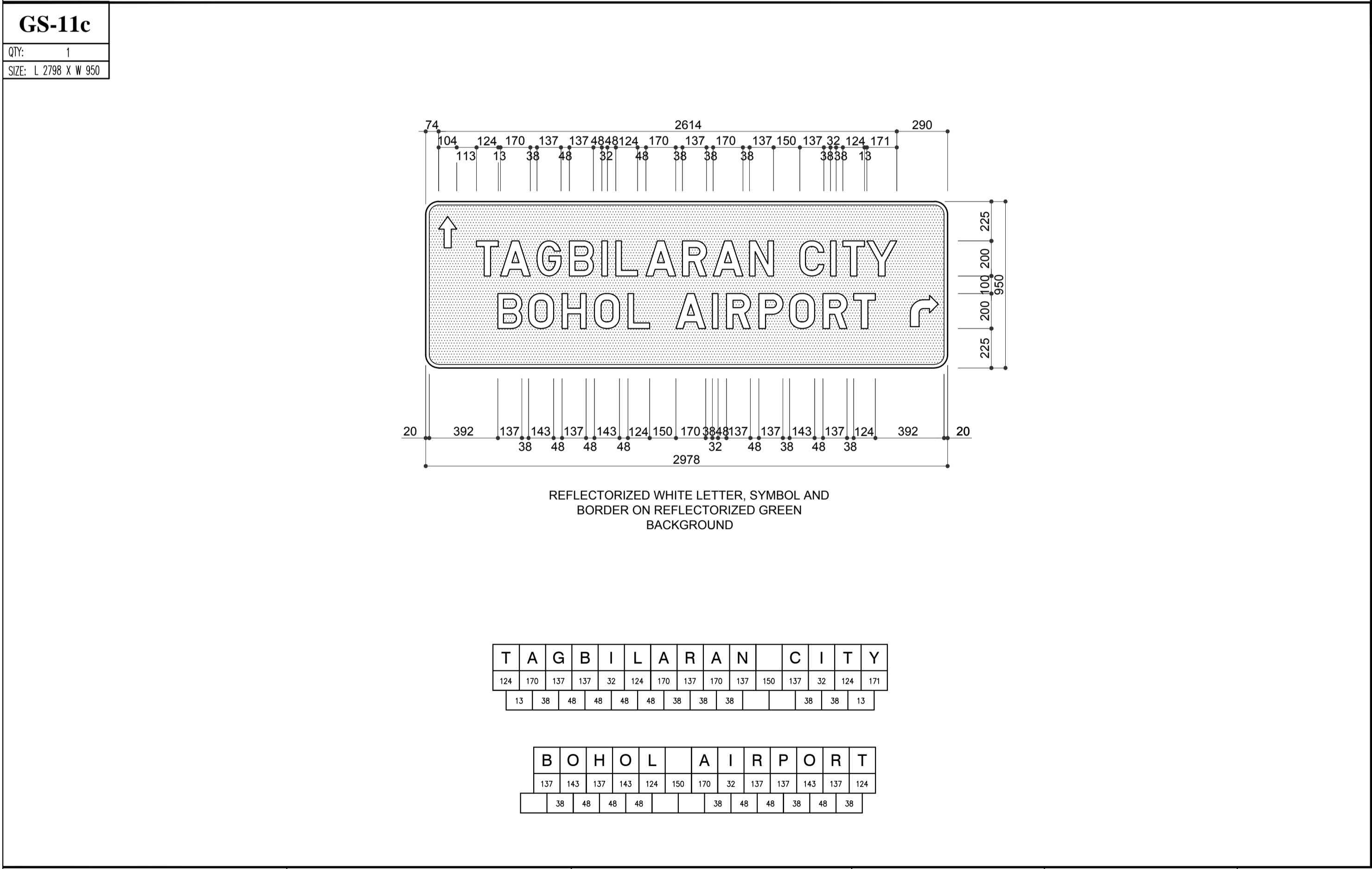
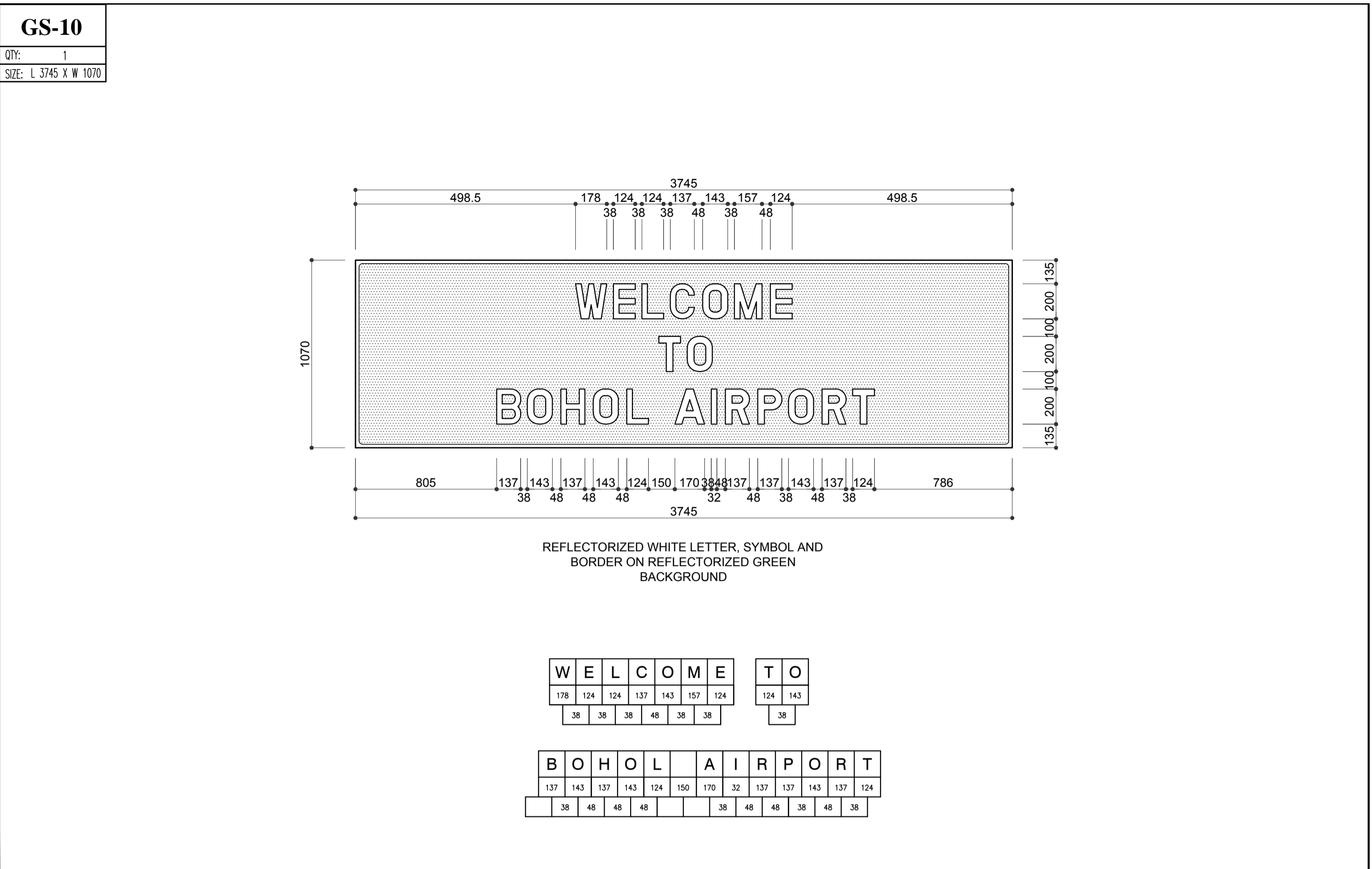
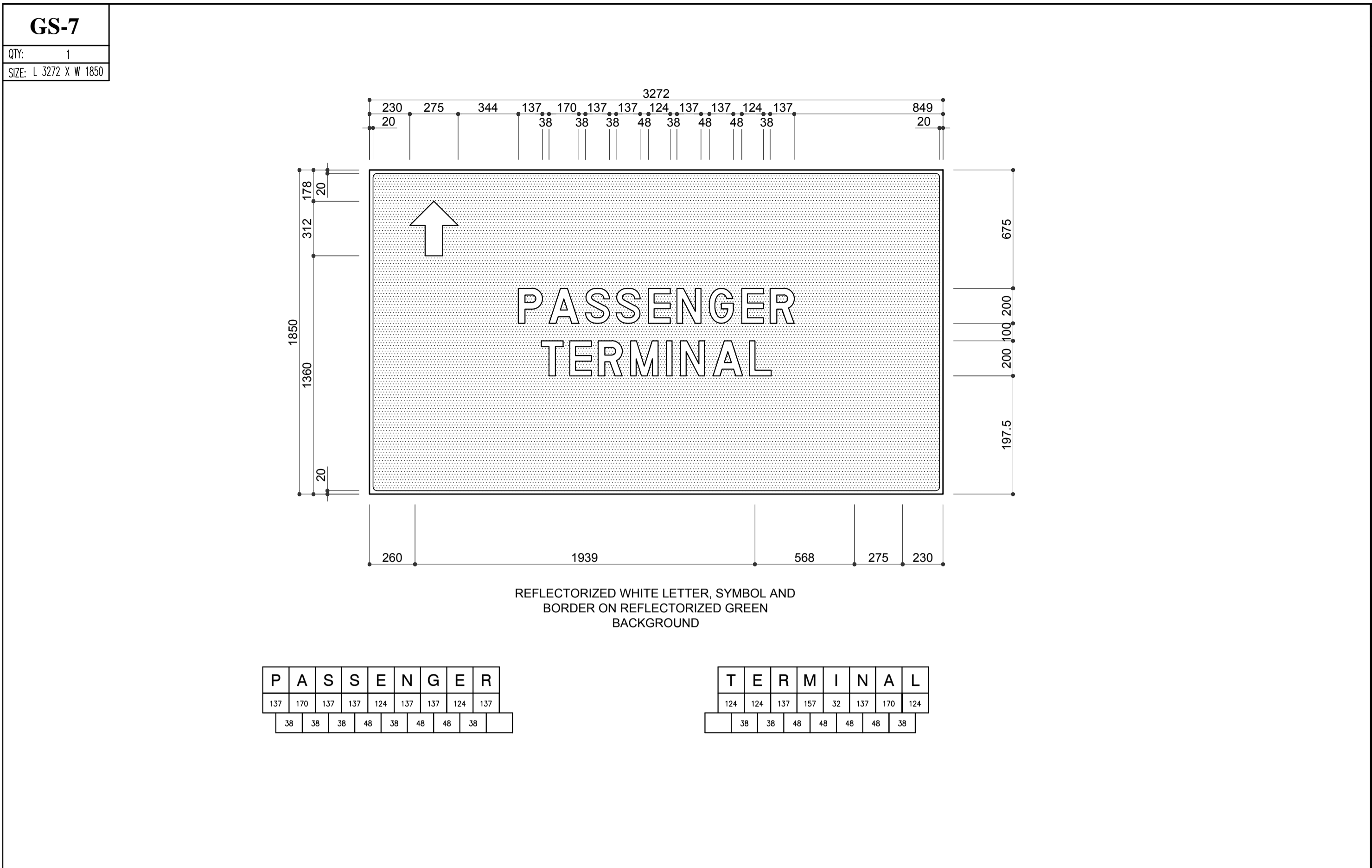
**1 GUIDE SIGNAGES LAYOUT PLAN**  
SCALE: 1:1000 MTS.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PTR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b> LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS GUIDE SIGNAGES LAYOUT PLAN	SHEET NO: <b>C2-2400-05</b> DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NK</b> NIPPON KOEI CO., LTD. <b>NIS</b> NIS CONSULTANTS CO., LTD.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	JUNE 2013 DATE INDEX AMENDMENTS Prepared by Checked by Validated by	WIM IC



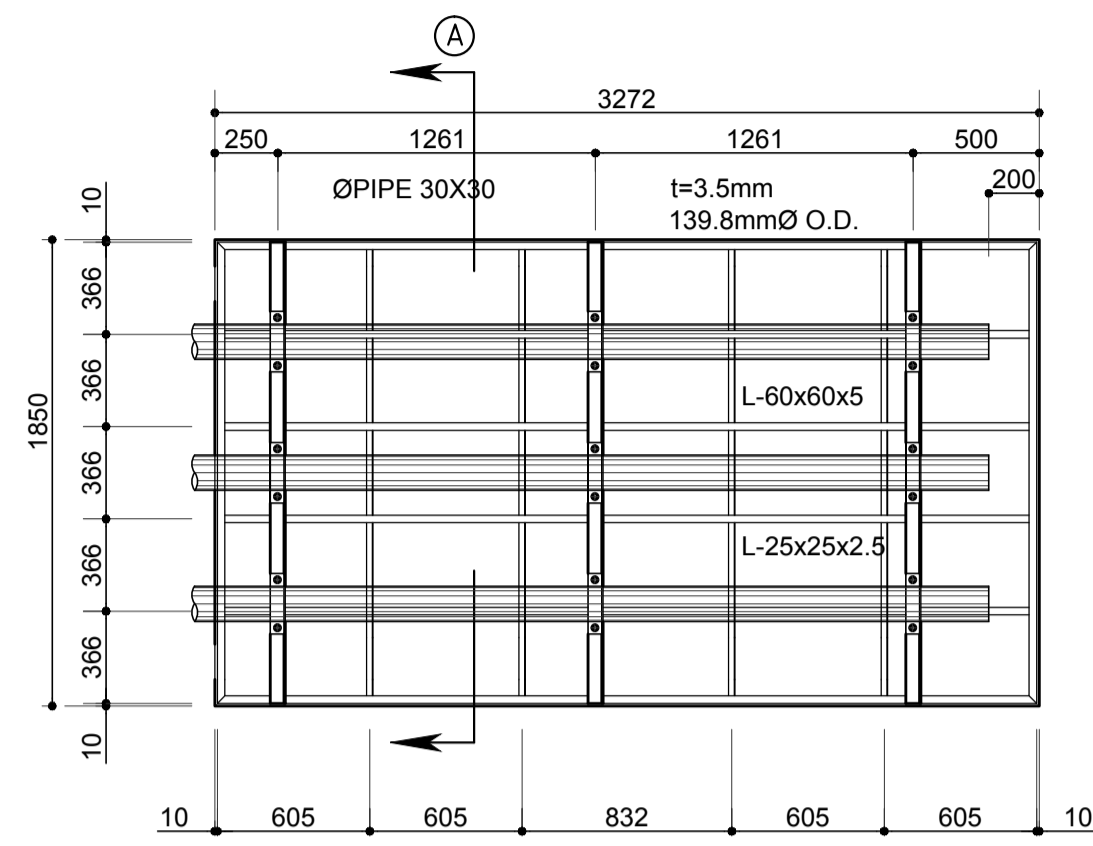


	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b> LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS GUIDE SIGNAGES DETAIL (1)	SHEET NO: <b>C2-2400-06</b> DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE JAC JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.	TADASHI AOI Team Leader	JILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC	JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC	DATE INDEX AMENDMENTS Prepared by: WIM Checked by: IC Validated by:	SHEET NO:

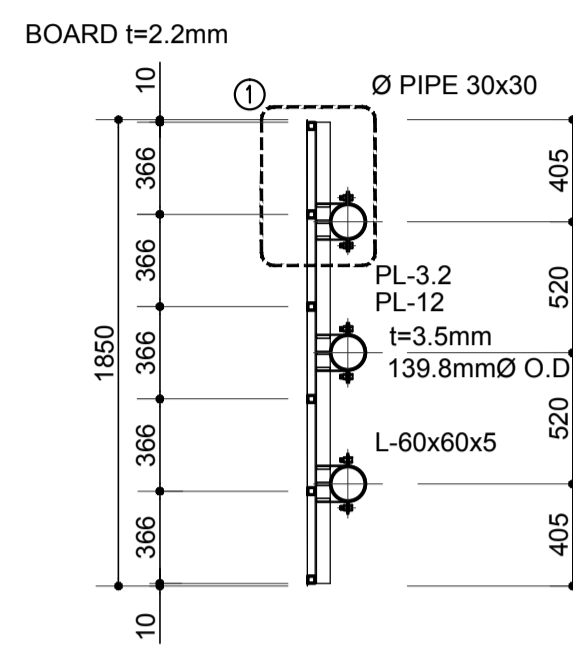


	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS GUIDE SIGNAGES DETAIL (2)	SHEET NO: <b>C2-2400-07</b>
	JICA DESIGN CONSULTANT JOINT VENTURE	TADASHI AOI <small>Team Leader</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: IC Validated by:

**GS-1**  
QTY: 1  
SIZE: L 3272 X W 1850

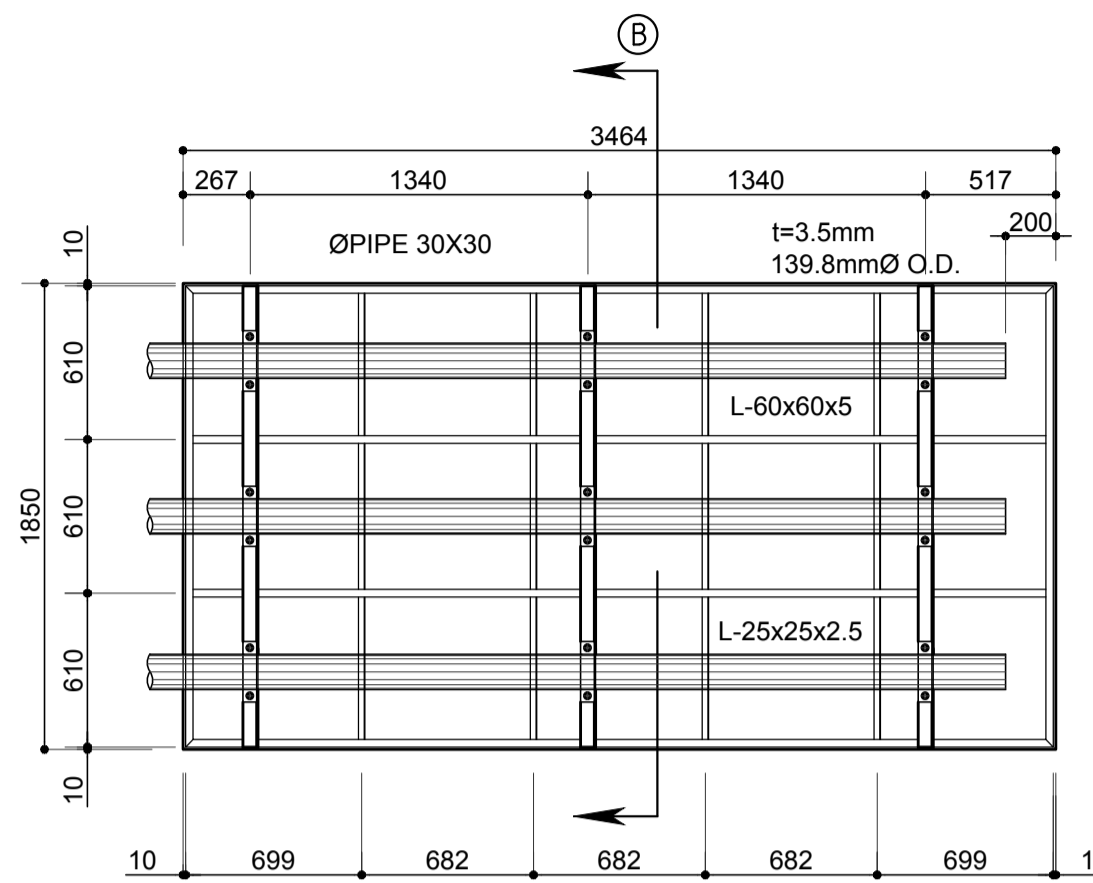


**1 GS-1 DETAIL**  
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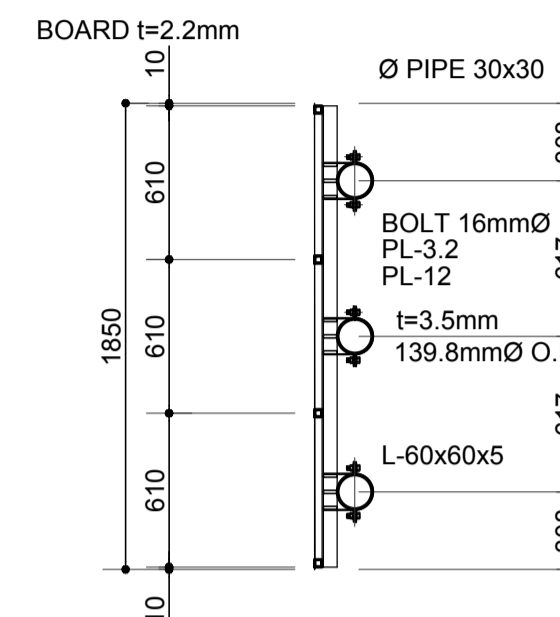


**2 SECTION A**  
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**GS-2**  
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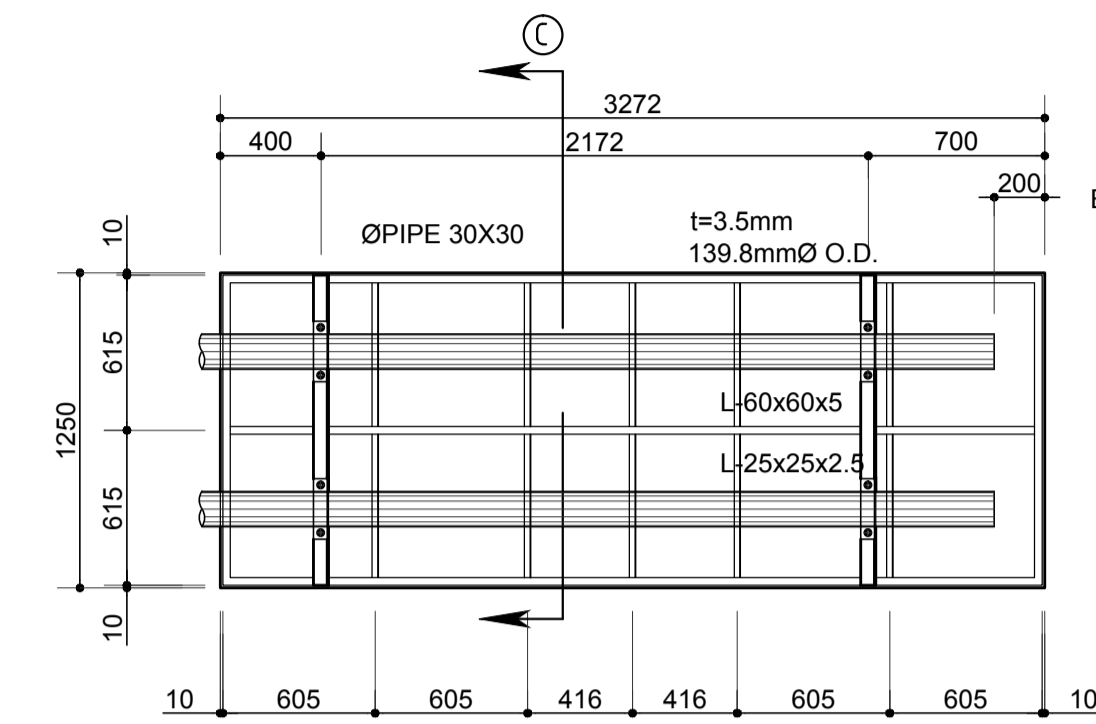


**3 GS-2 DETAIL**  
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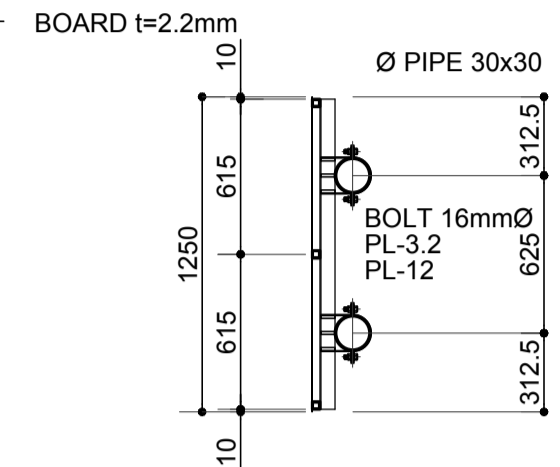


**4 SECTION B**  
SCALE: 1:30 m.

**GS-3**  
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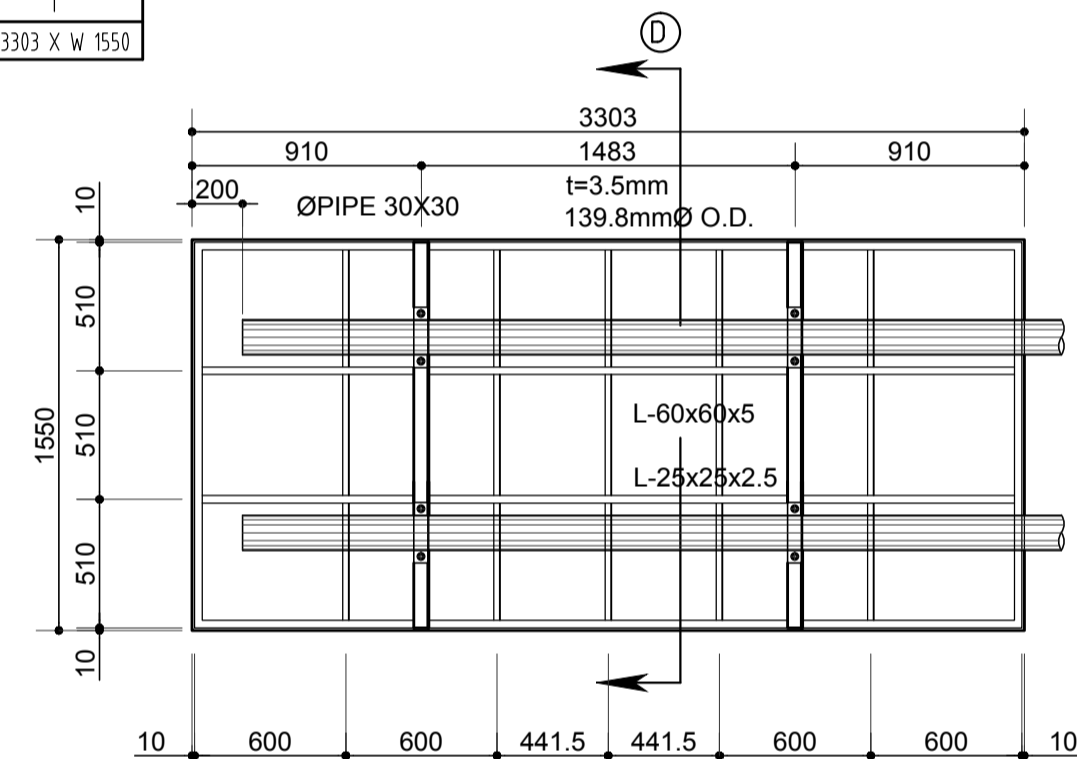


**5 GS-3 DETAIL**  
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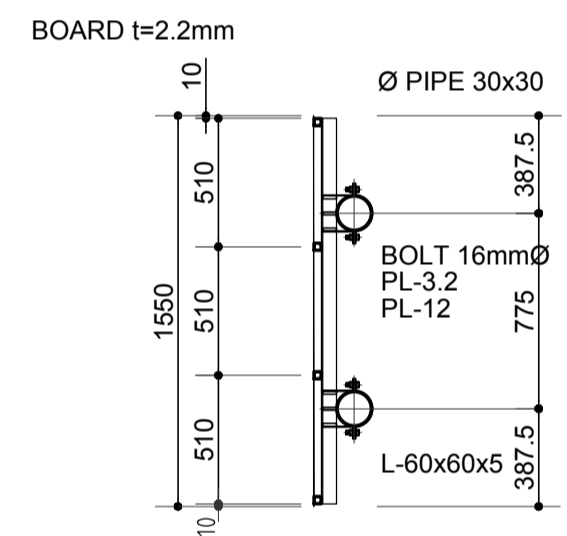


**6 SECTION C**  
SCALE: 1:30 m.

**GS-4**  
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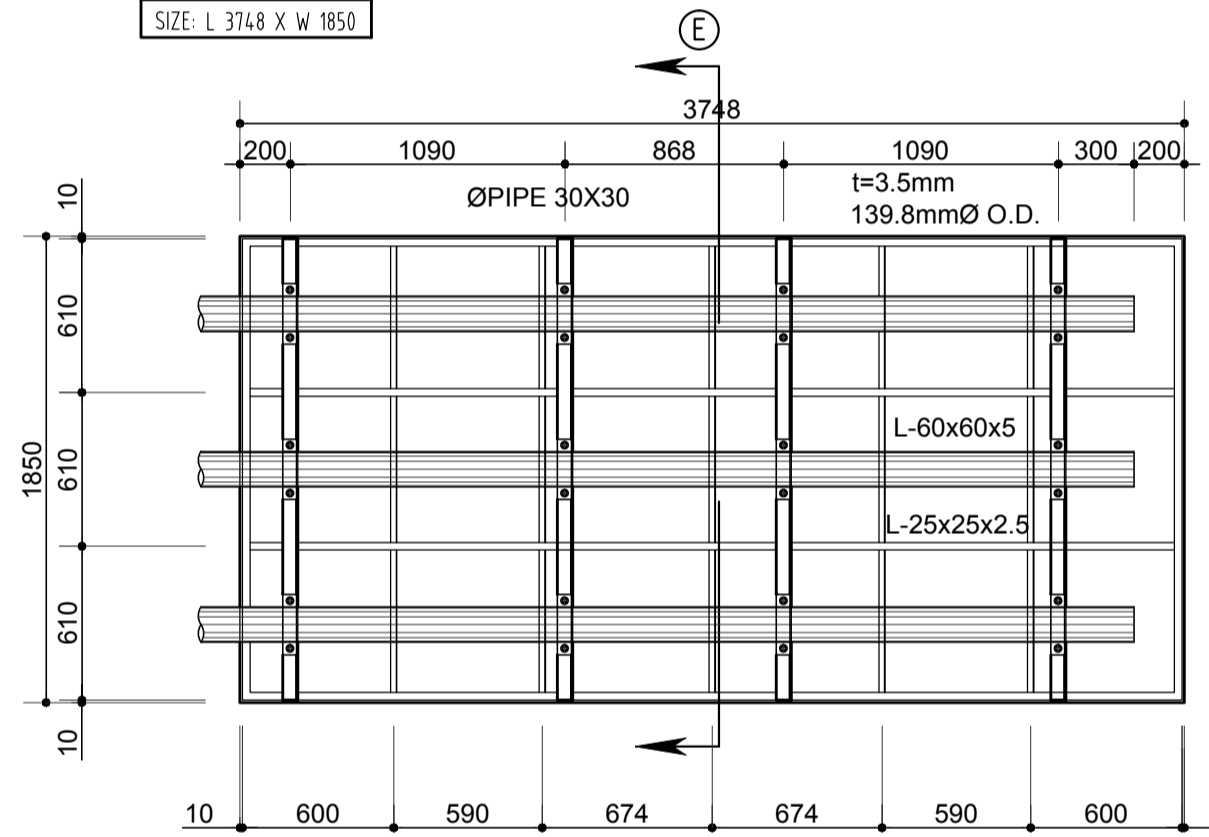


**7 GS-4 DETAIL**  
SCALE: 1:30 m.

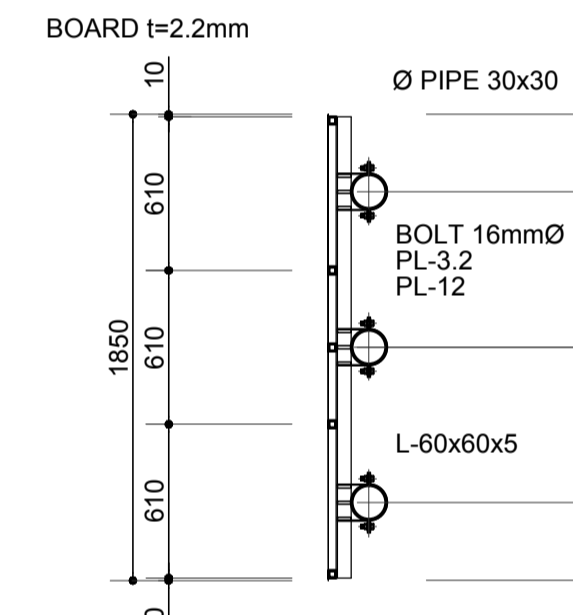


**8 SECTION D**  
SCALE: 1:30 m.

**GS-5**  
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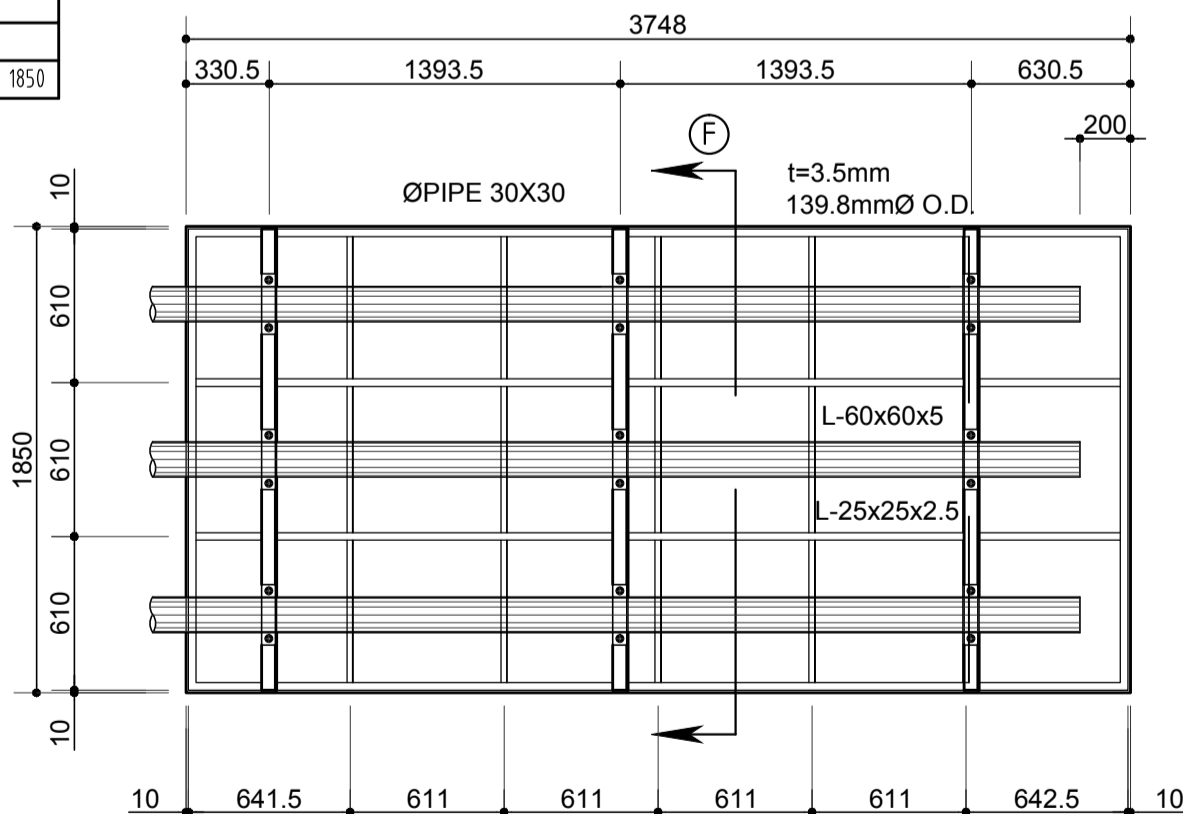


**9 GS-5 DETAIL**  
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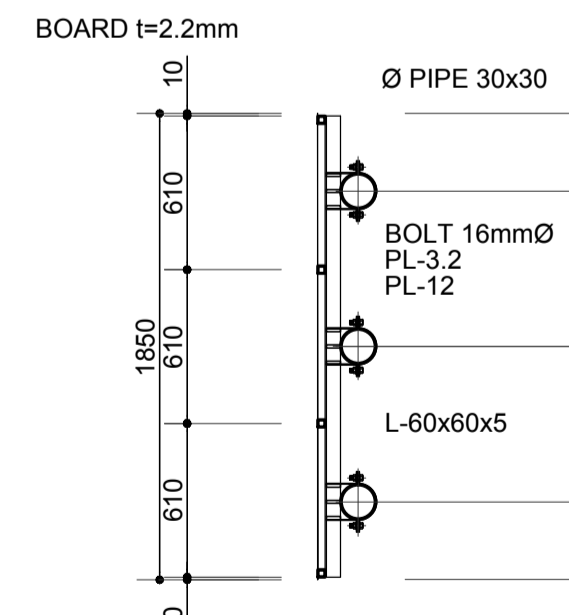


**10 SECTION E**  
SCALE: 1:30 m.

**GS-7**  
QTY: 1  
SIZE: L 3748 X W 1850

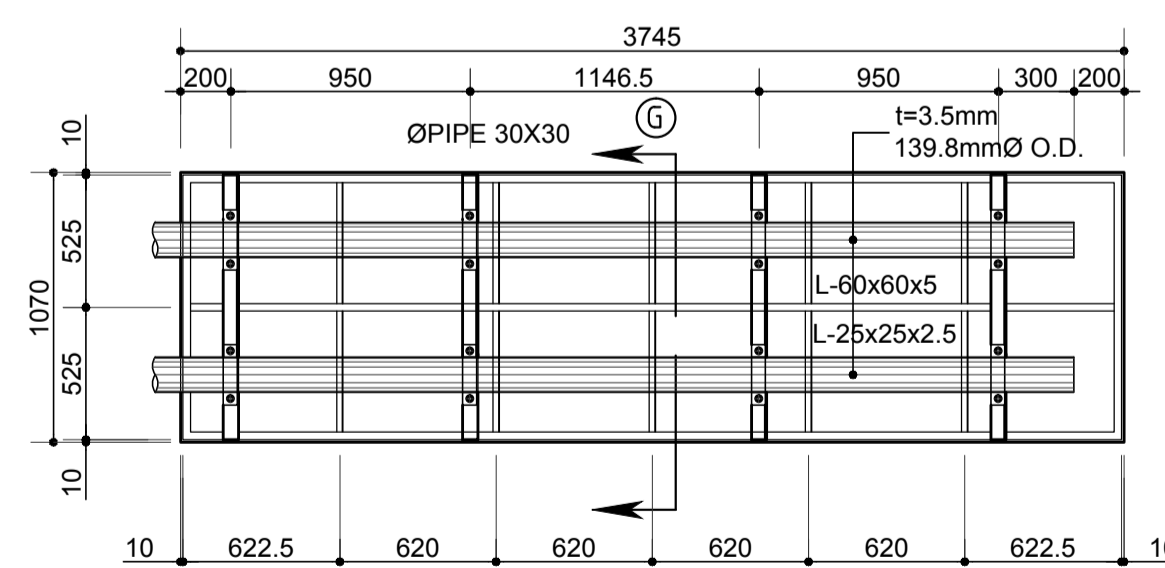


**11 GS-7 DETAIL**  
SCALE: 1:30 m.

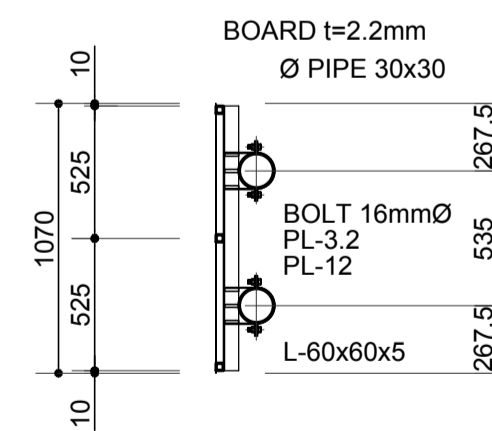


**12 SECTION F**  
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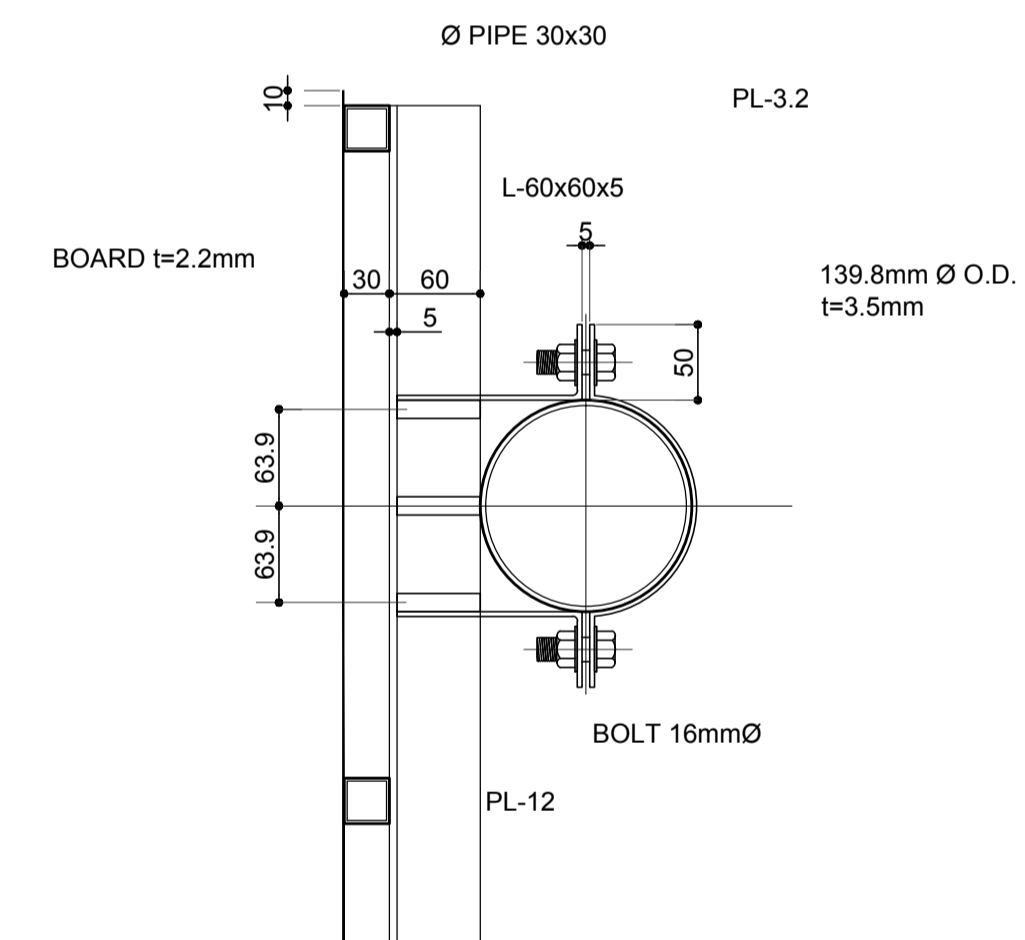
**GS-10**  
QTY: 1  
SIZE: L 3745 X W 1070



**13 GS-10 DETAIL**  
SCALE: 1:30 m.

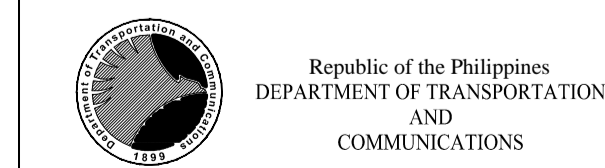


**14 SECTION G**  
SCALE: 1:30 m.



**15 TYPICAL DETAIL 1**  
SCALE: 1:5 m.

**NOTE:**  
SIGN BOARD - ALUMINUM SHEET  
POST - HOT GALVANIZED  
(GS-1, GS-2, GS-3, GS-4, GS-5, GS-7 & GS-10)



PREPARED BY:  
**ERACIO T. PATDU**  
PROF. CIVIL ENGINEER PIR. 3158241  
RES. NO.: 34252 DATE: JULY 18, 2013  
TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY

RECOMMENDING APPROVAL:  
**ILDEFONSO T. PATDU, JR.**  
Assistant Secretary  
for Project Implementation, DOTC

APPROVED:  
**JULIANITO G. BUCAYAN, JR.**  
Undersecretary  
for Project Implementation, DOTC

PROJECT TITLE:  
**NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT**  
LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES

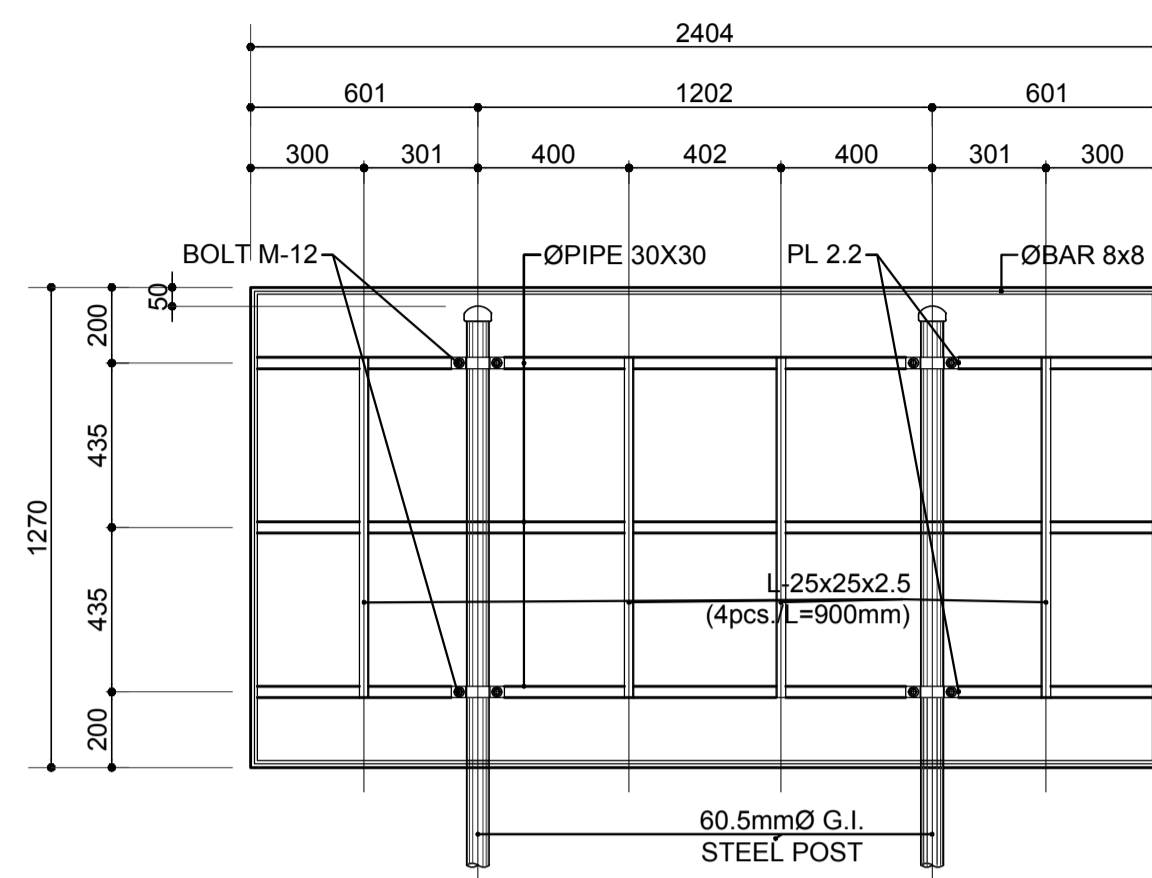
DATE	INDEX	AMENDMENTS	Prepared by	Checked by	Validated by
JUNE 2013			WIM	HC	

SHEET CONTENTS:  
COMPONENT-2 CIVIL WORKS (C)  
SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE  
MISCELLANEOUS WORKS  
GUIDE SIGNAGES FOR CANTILEVER POST  
CONNECTION DETAIL

SHEET NO:  
**C2-2400-08**  
DRAWING SCALE:  
AS SHOWN

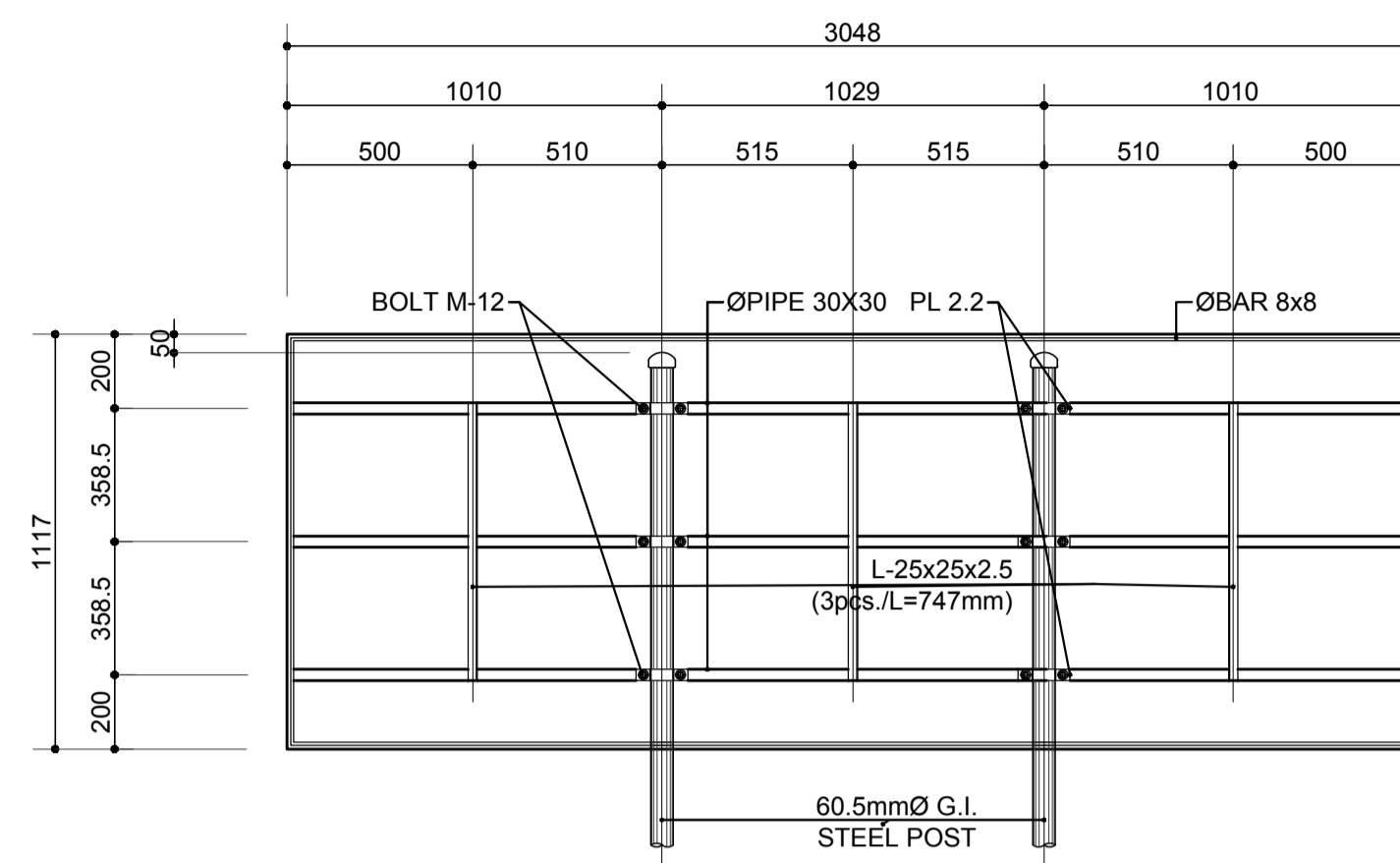


**GS-6**  
QTY: 1  
SIZE: L 2404 X W 1270



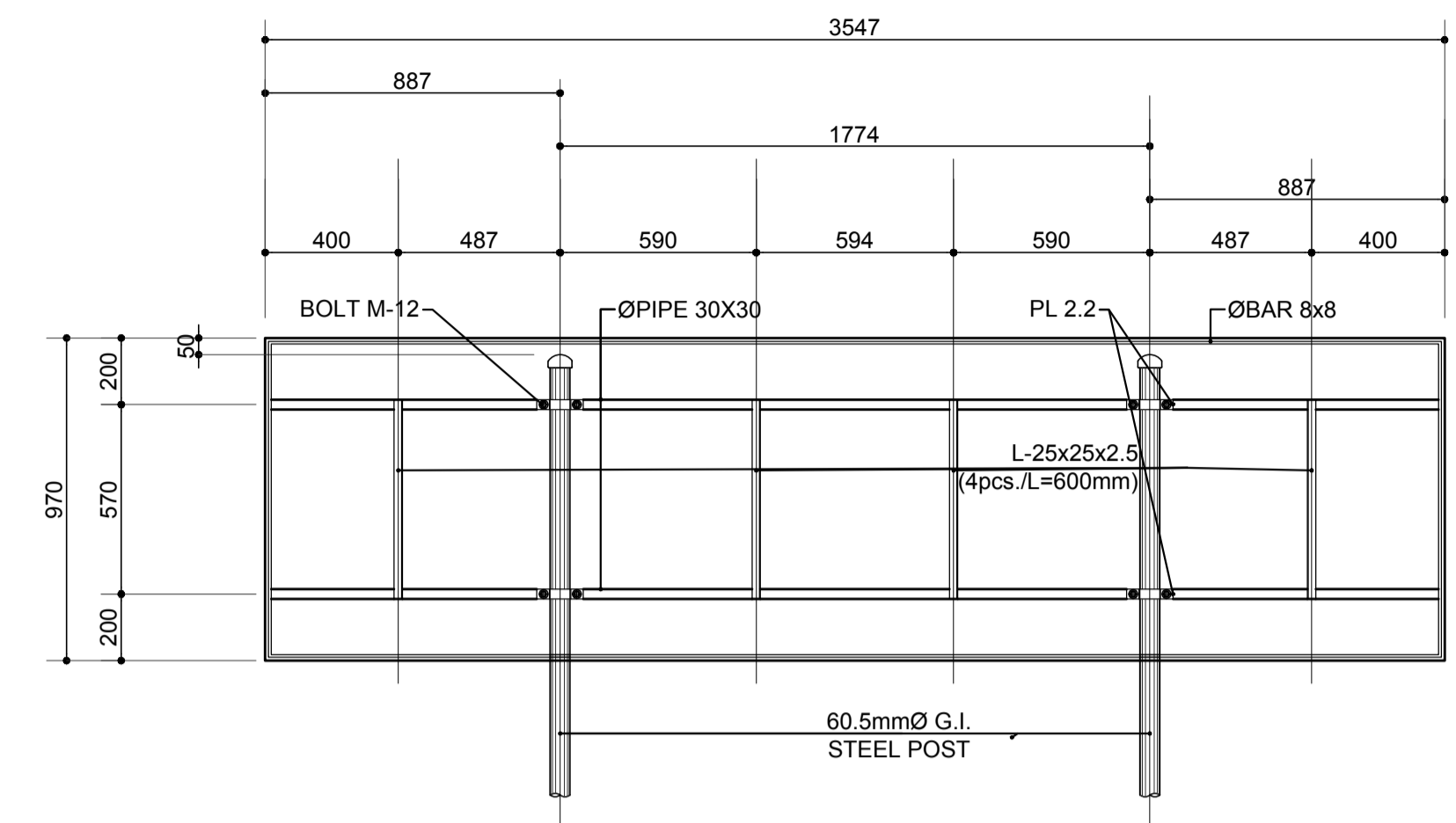
**1 CONNECTION DETAIL**  
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**GS-8**  
QTY: 1  
SIZE: L 3048 X W 1117



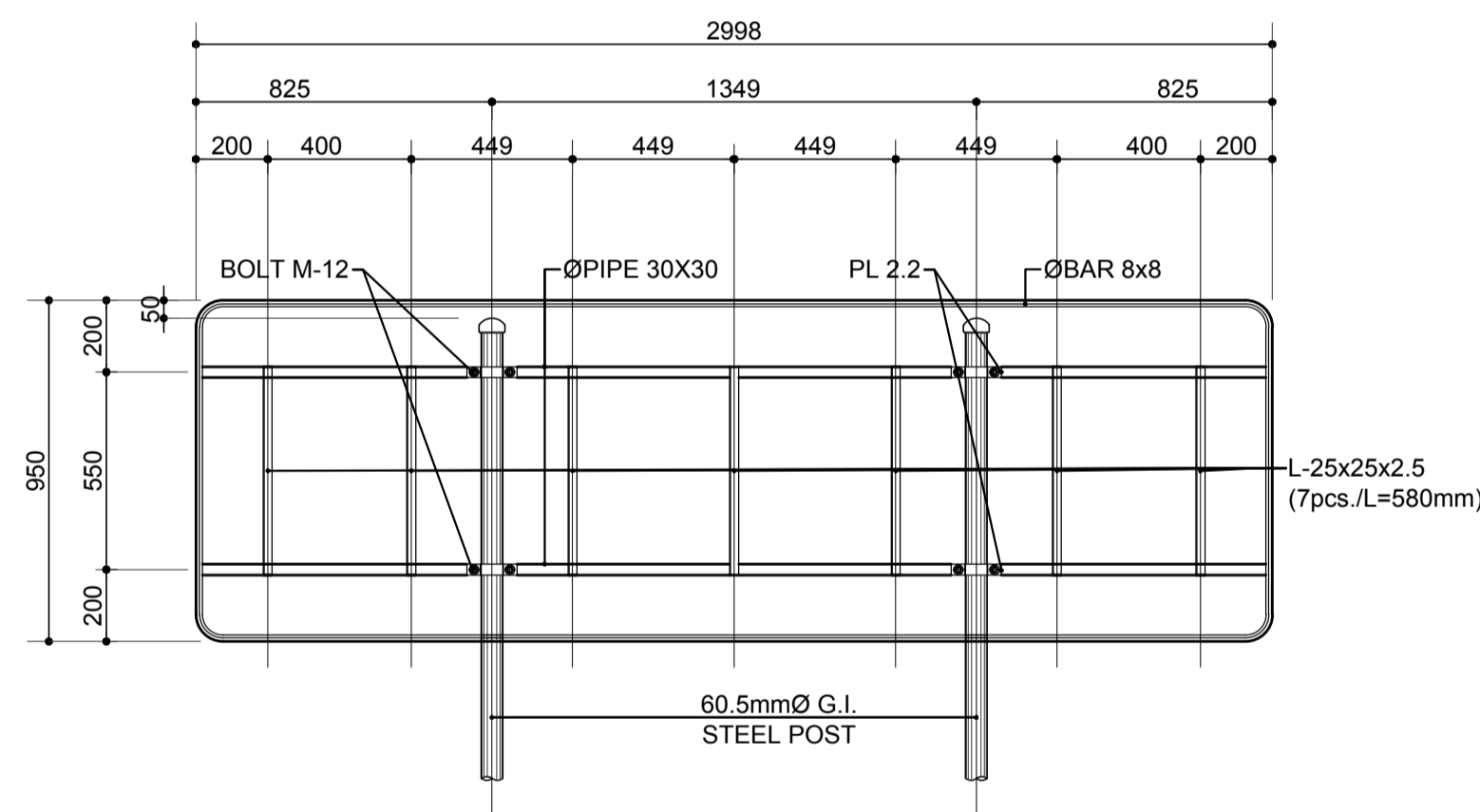
**2 CONNECTION DETAIL**  
SCALE: 1:20 m

**GS-9**  
QTY: 1  
SIZE: L 3547 X W 970



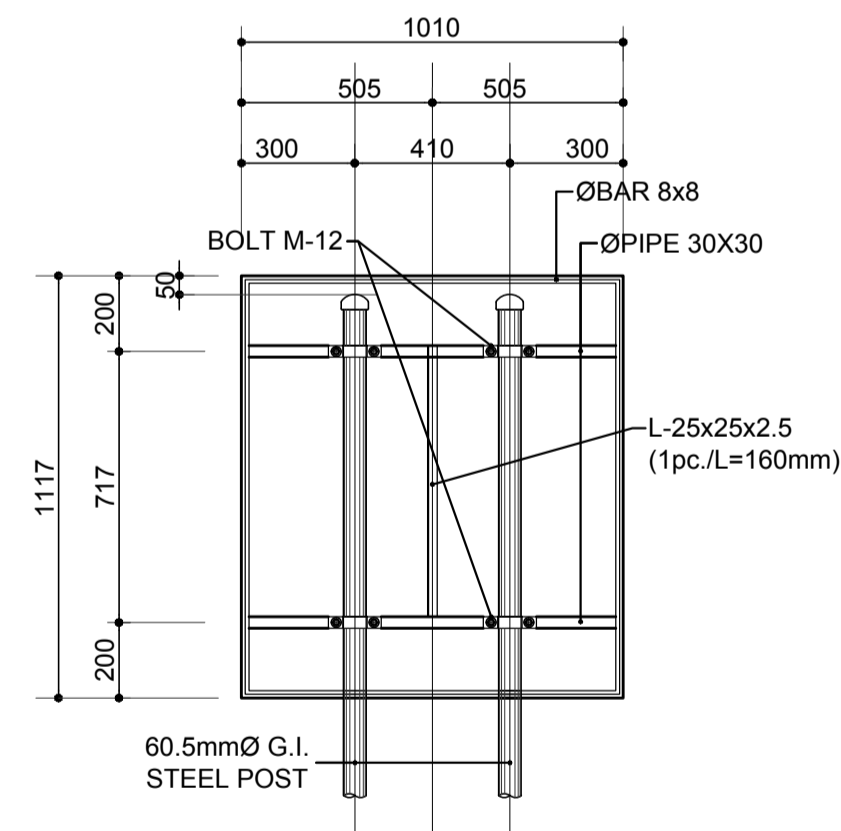
**3 CONNECTION DETAIL**  
SCALE: 1:20 m

**GS-11(a,b,c & d)**  
QTY: 4  
SIZE: L 2998 X W 950

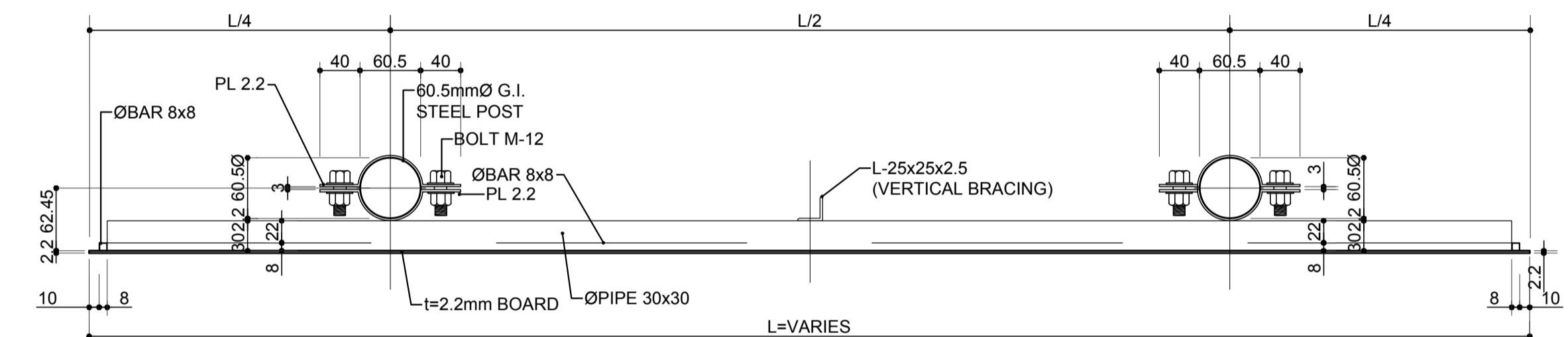


**4 CONNECTION DETAIL**  
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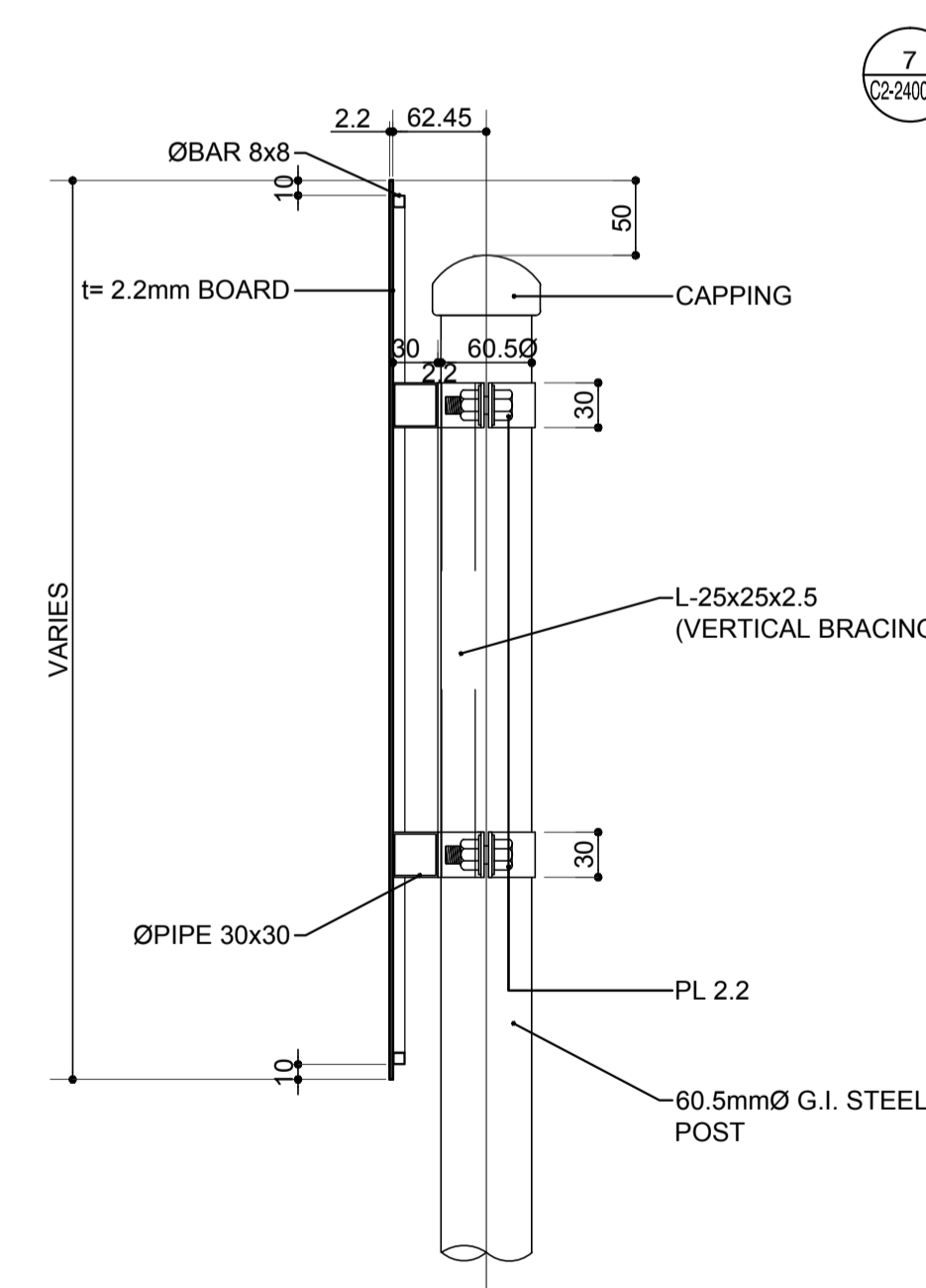
**GS-12**  
QTY: 1  
SIZE: L 1010 X W 1117



**5 CONNECTION DETAIL**  
SCALE: 1:20 m



**7 TYPICAL CONNECTION PLAN**  
SCALE: 1:5 m

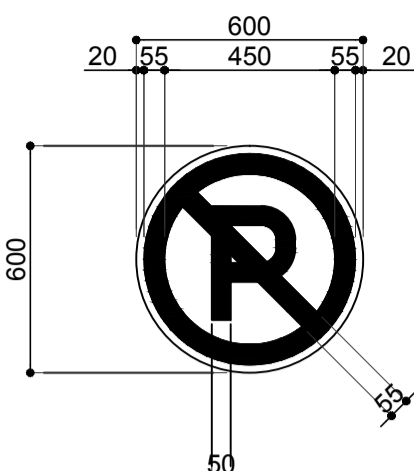
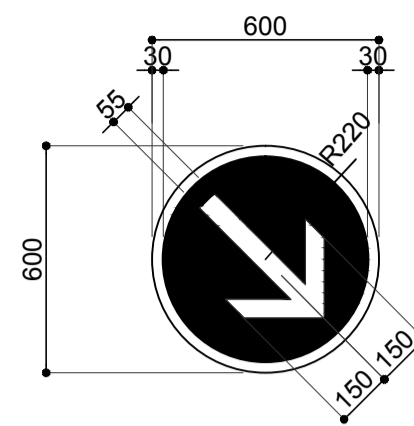
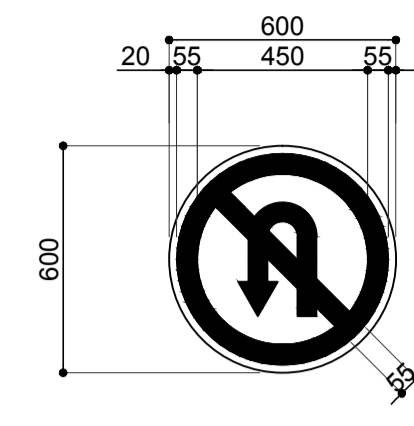
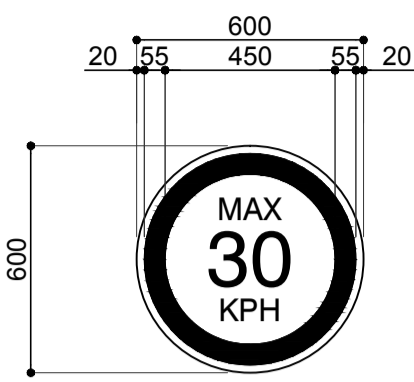
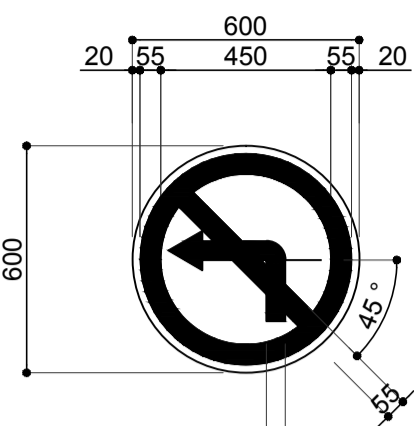
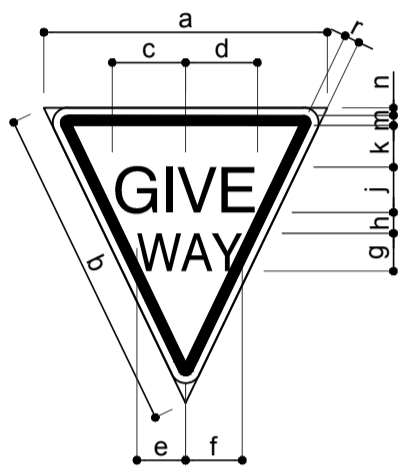
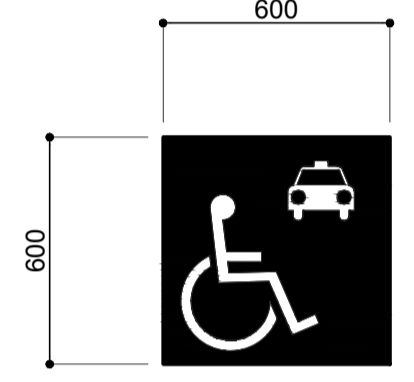
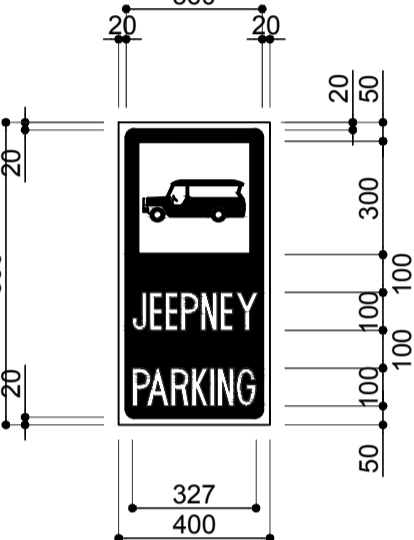
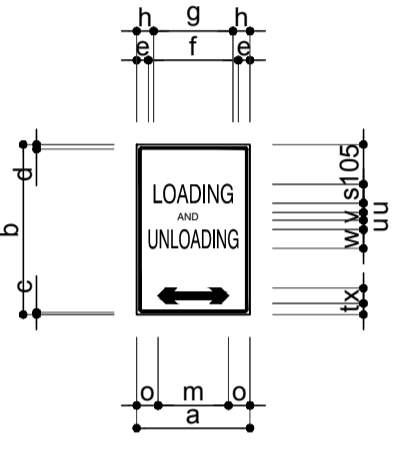
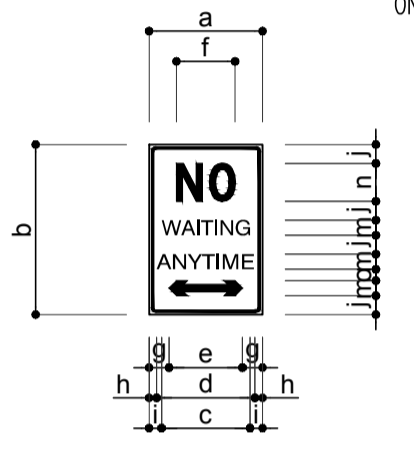
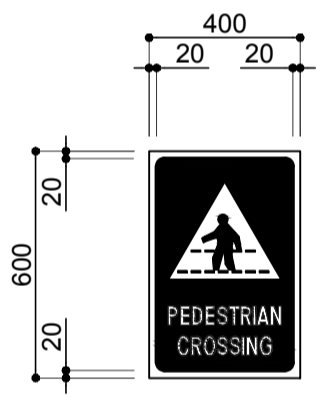
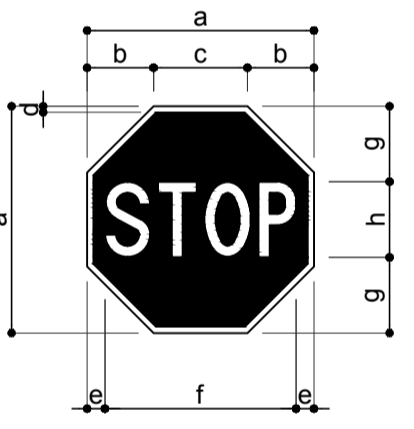
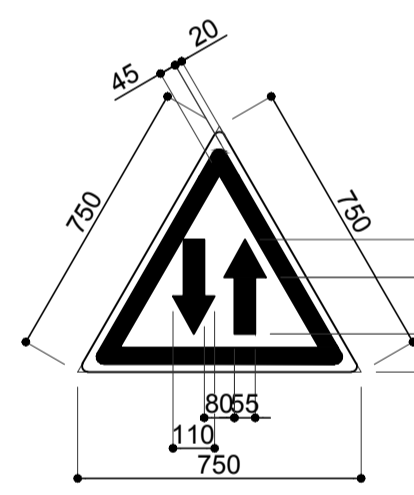
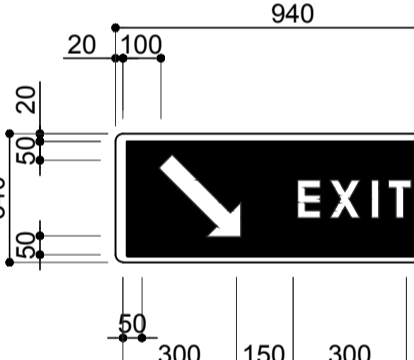
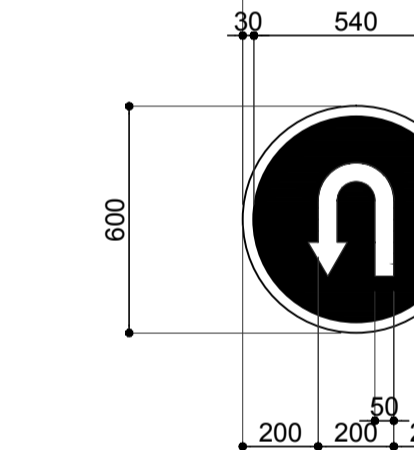
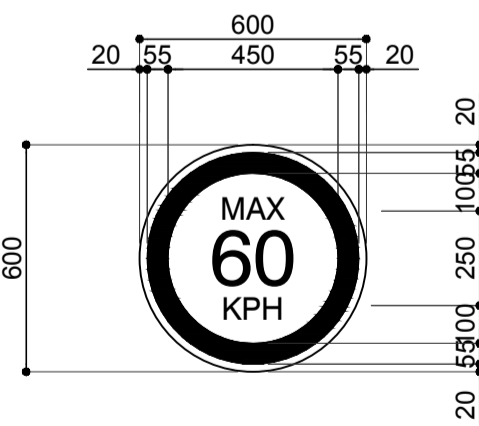
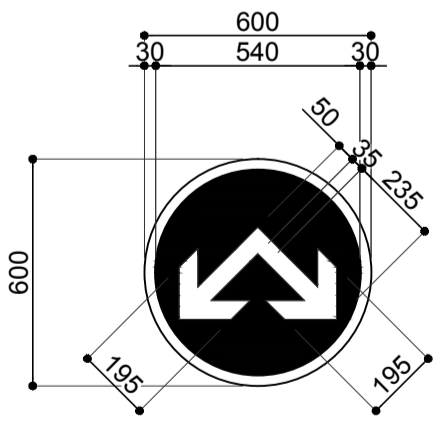
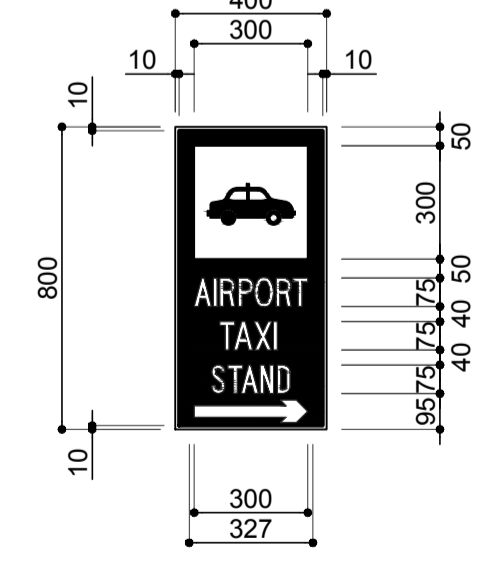
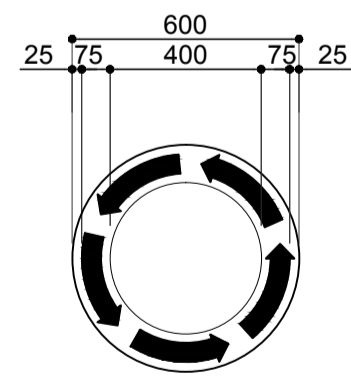







**NOTE:**  
SIGN BOARD - ALUMINUM SHEET  
POST: HOT GALVANIZED  
(GS-6, GS-8, GS-9, GS-11, & GS-12)

**6 CONNECTION DETAIL**  
SCALE: 1:5 m

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS GUIDE SIGNAGES FOR 2 POST CONNECTION DETAIL	SHEET NO: <b>C2-2400-09</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	TADASHI AOI <small>Team Leader</small>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DATE: JUNE 2013 INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:

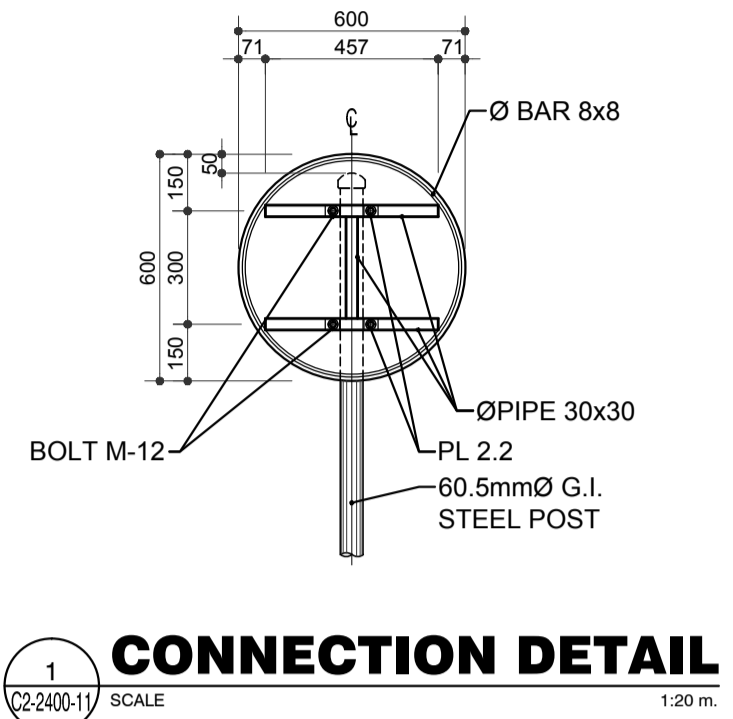


<p><b>RS-1</b></p> <p>QTY: 11 SIZE: 600#</p>  <p>BLACK SYMBOL ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED RED BAR AND TWO BORDERS; EXTERIOR REFLECTORIZED WHITE COLOR AND INTERIOR REFLECTORIZED RED COLOR</p> <p><b>PARKING PROHIBITION</b></p>	<p><b>RS-2</b></p> <p>QTY: 1 SIZE: 600#</p>  <p>WHITE ARROW ON REFLECTORIZED DARK BLUE BACKGROUND WITH REFLECTORIZED WHITE BORDER</p> <p><b>LANE DIRECTION</b></p>	<p><b>RS-3</b></p> <p>QTY: 1 SIZE: 600#</p>  <p>BLACK SYMBOL ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED RED BAR AND TWO BORDERS; EXTERIOR REFLECTORIZED WHITE COLOR AND INTERIOR REFLECTORIZED RED COLOR</p> <p><b>NO U-TURN</b></p>	<p><b>RS-4</b></p> <p>QTY: 3 SIZE: 600#</p>  <p>BLACK NUMERALS AND LETTERS ON REFLECTORIZED WHITE BACKGROUND WITH TWO BORDERS; EXTERIOR REFLECTORIZED WHITE AND INTERIOR REFLECTORIZED RED</p> <p><b>SPEED LIMIT</b></p>	<p><b>RS-5</b></p> <p>QTY: 2 SIZE: 600#</p>  <p>BLACK SYMBOL ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED RED BAR AND TWO BORDERS; EXTERIOR REFLECTORIZED WHITE COLOR AND INTERIOR REFLECTORIZED RED COLOR</p> <p><b>NO LEFT TURN</b></p>																																																																																																												
<p><b>RS-6</b></p> <p>QTY: 1 SIZE: 750x866x866</p>  <p>BLACK SYMBOL ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED RED BAR AND TWO BORDERS; EXTERIOR REFLECTORIZED WHITE COLOR AND INTERIOR REFLECTORIZED RED COLOR</p> <table border="1" data-bbox="400 693 504 903"> <thead> <tr> <th></th> <th>R</th> </tr> </thead> <tbody> <tr><td>a</td><td>750</td></tr> <tr><td>b</td><td>866</td></tr> <tr><td>c</td><td>194</td></tr> <tr><td>d</td><td>190</td></tr> <tr><td>e</td><td>129</td></tr> <tr><td>f</td><td>150</td></tr> <tr><td>g</td><td>100</td></tr> <tr><td>h</td><td>55</td></tr> <tr><td>i</td><td>120</td></tr> <tr><td>k</td><td>50</td></tr> <tr><td>m</td><td>60</td></tr> <tr><td>n</td><td>47</td></tr> <tr><td>r</td><td>40</td></tr> </tbody> </table> <p><b>GIVE WAY</b></p>		R	a	750	b	866	c	194	d	190	e	129	f	150	g	100	h	55	i	120	k	50	m	60	n	47	r	40	<p><b>RS-7</b></p> <p>QTY: 1 SIZE: 600x600</p>  <p>WHITE GRAPHIC ON A DARK BLUE BACKGROUND</p> <p><b>HANDICAPPED PARKING SIGN</b></p>	<p><b>RS-8</b></p> <p>QTY: 2 SIZE: 1800 x W400</p>  <p>BLACK SYMBOL ON WHITE BACKGROUND AND WHITE LETTER AND BORDER ON BLUE BACKGROUND, FULLY REFLECTORIZED</p> <p><b>JEEPNEY PARKING</b></p>	<p><b>RS-9</b></p> <p>QTY: 4 SIZE: 1450 x W300</p>  <p>RED LETTER, ARROW AND BORDER ON WHITE BACKGROUND</p> <table border="1" data-bbox="2003 724 2151 882"> <thead> <tr> <th></th> <th>R</th> </tr> </thead> <tbody> <tr><td>a</td><td>300</td></tr> <tr><td>b</td><td>450</td></tr> <tr><td>c</td><td>6</td></tr> <tr><td>d</td><td>12</td></tr> <tr><td>e</td><td>31</td></tr> <tr><td>f</td><td>238</td></tr> <tr><td>g</td><td>210</td></tr> <tr><td>h</td><td>45</td></tr> <tr><td>i</td><td>80</td></tr> <tr><td>k</td><td>110</td></tr> <tr><td>m</td><td>194</td></tr> <tr><td>n</td><td>230</td></tr> <tr><td>o</td><td>57</td></tr> <tr><td>p</td><td>35</td></tr> <tr><td>r</td><td>30</td></tr> <tr><td>s</td><td>50</td></tr> <tr><td>t</td><td>30</td></tr> <tr><td>u</td><td>25</td></tr> <tr><td>v</td><td>20</td></tr> <tr><td>w</td><td>50</td></tr> <tr><td>x</td><td>40</td></tr> <tr><td>y</td><td>50</td></tr> </tbody> </table> <p><b>LOADING AND UNLOADING</b></p>		R	a	300	b	450	c	6	d	12	e	31	f	238	g	210	h	45	i	80	k	110	m	194	n	230	o	57	p	35	r	30	s	50	t	30	u	25	v	20	w	50	x	40	y	50	<p><b>RS-10</b></p> <p>QTY: 4 SIZE: 1450 x W300</p>  <p>RED LETTER, ARROW AND BORDER ON WHITE BACKGROUND</p> <table border="1" data-bbox="2567 640 2671 871"> <thead> <tr> <th></th> <th>R</th> </tr> </thead> <tbody> <tr><td>a</td><td>300</td></tr> <tr><td>b</td><td>450</td></tr> <tr><td>c</td><td>234</td></tr> <tr><td>d</td><td>280</td></tr> <tr><td>e</td><td>194</td></tr> <tr><td>f</td><td>155</td></tr> <tr><td>g</td><td>55</td></tr> <tr><td>h</td><td>20</td></tr> <tr><td>i</td><td>55</td></tr> <tr><td>j</td><td>50</td></tr> <tr><td>k</td><td>12</td></tr> <tr><td>l</td><td>6</td></tr> <tr><td>m</td><td>40</td></tr> <tr><td>n</td><td>100</td></tr> <tr><td>o</td><td>30</td></tr> <tr><td>r</td><td>30</td></tr> </tbody> </table> <p><b>NO WAITING ANYTIME</b></p>		R	a	300	b	450	c	234	d	280	e	194	f	155	g	55	h	20	i	55	j	50	k	12	l	6	m	40	n	100	o	30	r	30
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<p><b>RS-11</b></p> <p>QTY: 3 SIZE: 1400 x W600</p>  <p>BLACK SYMBOL ON WHITE BACKGROUND AND WHITE LETTER AND BORDER ON BLUE BACKGROUND, FULLY REFLECTORIZED</p> <p><b>PEDESTRIAN CROSSING SIGN</b></p>	<p><b>RS-12</b></p> <p>QTY: 2 SIZE: 1600 x W600 (OCTAGON)</p>  <p>WHITE REFLECTORIZED LETTERS AND BORDER ON RED REFLECTORIZED BACKGROUND</p> <table border="1" data-bbox="964 1155 1053 1291"> <thead> <tr> <th></th> <th>R</th> </tr> </thead> <tbody> <tr><td>a</td><td>600</td></tr> <tr><td>b</td><td>176</td></tr> <tr><td>c</td><td>248</td></tr> <tr><td>d</td><td>16</td></tr> <tr><td>e</td><td>47</td></tr> <tr><td>f</td><td>306</td></tr> <tr><td>g</td><td>200</td></tr> <tr><td>h</td><td>200</td></tr> <tr><td>i</td><td>40</td></tr> </tbody> </table> <p><b>STOP</b></p>		R	a	600	b	176	c	248	d	16	e	47	f	306	g	200	h	200	i	40	<p><b>RS-13</b></p> <p>QTY: 2 SIZE: 750x750x750</p>  <p>BLACK SYMBOL ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED RED BAR AND TWO BORDERS; EXTERIOR REFLECTORIZED WHITE COLOR AND INTERIOR REFLECTORIZED RED COLOR</p> <p><b>TWO-WAY SIGN</b></p>	<p><b>RS-14</b></p> <p>QTY: 1 SIZE: 1940 x W340</p>  <p>WHITE LETTER, SYMBOL AND BORDER ON BLUE BACKGROUND FULLY REFLECTORIZED</p> <p><b>EXIT</b></p>	<p><b>RS-15</b></p> <p>QTY: 4 SIZE: 600#</p>  <p>WHITE ARROW ON REFLECTORIZED DARK BLUE BACKGROUND WITH REFLECTORIZED WHITE BORDER</p> <p><b>U-TURN ALLOWED SIGN</b></p>																																																																																								
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<p><b>RS-16</b></p> <p>QTY: 2 SIZE: 600#</p>  <p>BLACK NUMERALS AND LETTERS ON REFLECTORIZED WHITE BACKGROUND WITH TWO BORDERS; EXTERIOR REFLECTORIZED WHITE AND INTERIOR REFLECTORIZED RED</p> <p><b>MAX SPEED LIMIT SIGN</b></p>	<p><b>RS-17</b></p> <p>QTY: 2 SIZE: 600#</p>  <p>WHITE ARROW ON REFLECTORIZED DARK BLUE BACKGROUND WITH REFLECTORIZED WHITE BORDER</p> <p><b>DOUBLE DIRECTIONAL FLOW SIGN</b></p>	<p><b>RS-18</b></p> <p>QTY: 1 SIZE: 1800 x W400</p>  <p>BLACK SYMBOL ON WHITE BACKGROUND AND WHITE LETTER AND BORDER ON BLUE BACKGROUND, FULLY REFLECTORIZED</p> <p><b>AIRPORT TAXI STAND</b></p>	<p><b>RS-19</b></p> <p>QTY: 4 SIZE: 600#</p>  <p>RED ARROW ON REFLECTORIZED WHITE BACKGROUND WITH REFLECTORIZED BLACK BORDER</p> <p><b>ROTARY SIGN</b></p>																																																																																																													

 <p>Republic of the Philippines DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS</p>	 <p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>PREPARED BY:</p> <p>ERACIO T. PATDU</p> <p>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</p>	<p>RECOMMENDING APPROVAL:</p> <p>ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC</p>	<p>APPROVED:</p> <p>JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC</p>	<p>PROJECT TITLE:</p> <p>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</p> <p>LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES</p>	<p>SHEET CONTENTS:</p> <p>COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS</p> <p>ROAD SIGNAGES DETAILS</p>	<p>SHEET NO:</p> <p>C2-2400-10</p> <p>DRAWING SCALE:</p> <p>AS SHOWN</p>
<p>JICA DESIGN CONSULTANT JOINT VENTURE</p>  <p>JAPAN AIRPORT CONSULTANTS, INC.</p>  <p>NIPPON KOEI CO., LTD.</p>  <p>NIS CONSULTANTS CO., LTD.</p>		<p>TADASHI AOI Team Leader</p>	<p>ILDEFONSO T. PATDU, JR. Assistant Secretary for Project Implementation, DOTC</p>	<p>JULIANITO G. BUCAYAN, JR. Undersecretary for Project Implementation, DOTC</p>	<p>DATE INDEX AMENDMENTS</p>	<p>Prepared by: WIM Checked by: IC Validated by:</p>	<p>AS SHOWN</p>

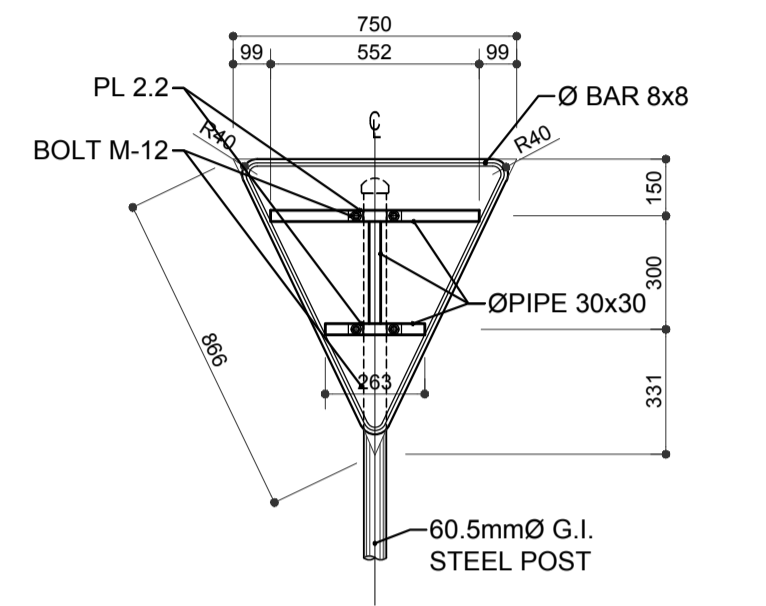


<b>RS-1</b>	<b>RS-2</b>	<b>RS-3</b>	<b>RS-4</b>
QTY: 11	QTY: 1	QTY: 1	QTY: 3
SIZE: 600Φ	SIZE: 600Φ	SIZE: 600Φ	SIZE: 600Φ
<b>RS-5</b>	<b>RS-15</b>	<b>RS-16</b>	<b>RS-17</b>
QTY: 2	QTY: 4	QTY: 3	QTY: 2
SIZE: 600Φ	SIZE: 600Φ	SIZE: 600Φ	SIZE: 600Φ



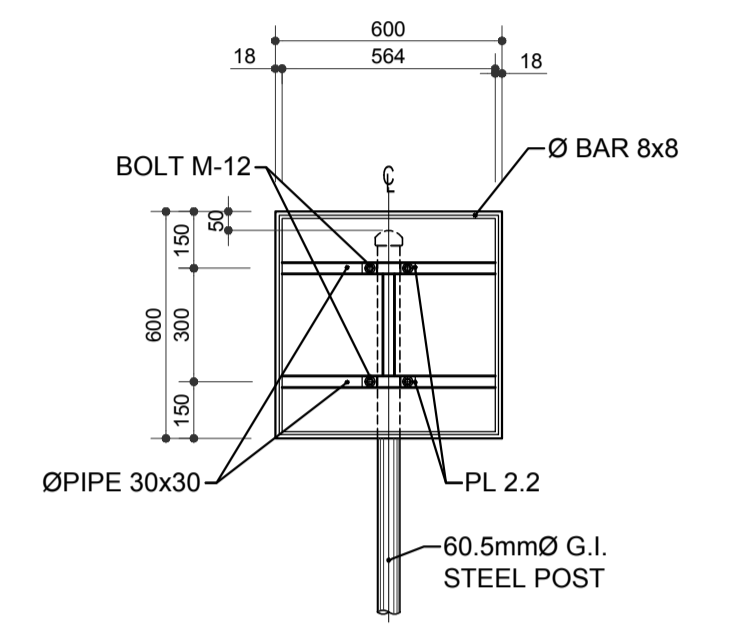
**1 CONNECTION DETAIL**  
SCALE 1:20 m.

<b>RS-6</b>
QTY: 4
SIZE: 750x866x866



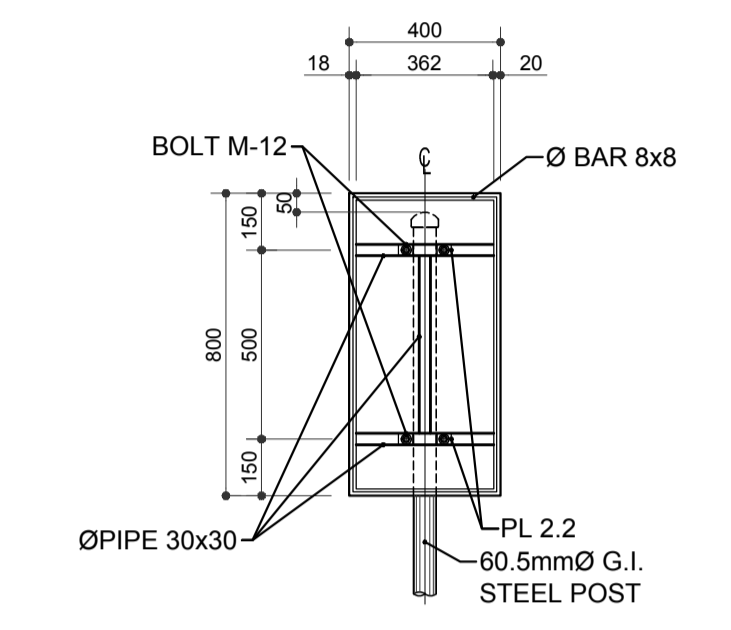
**2 CONNECTION DETAIL**  
SCALE 1:20 m.

<b>RS-7</b>
QTY: 1
SIZE: 600x600



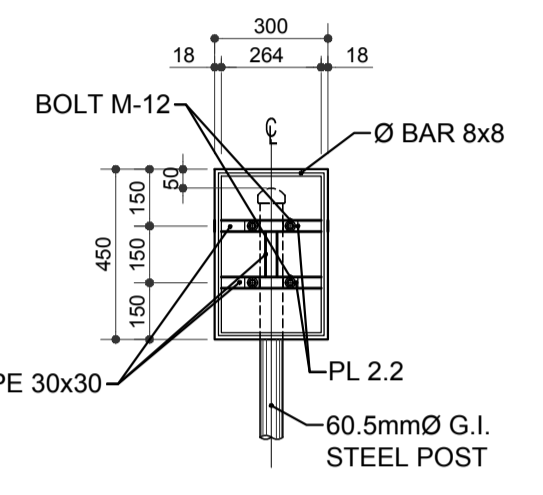
**3 CONNECTION DETAIL**  
SCALE 1:20 m.

<b>RS-8</b>	<b>RS-18</b>
QTY: 2	QTY: 1
SIZE: 1800 x W400	SIZE: 1800 x W400

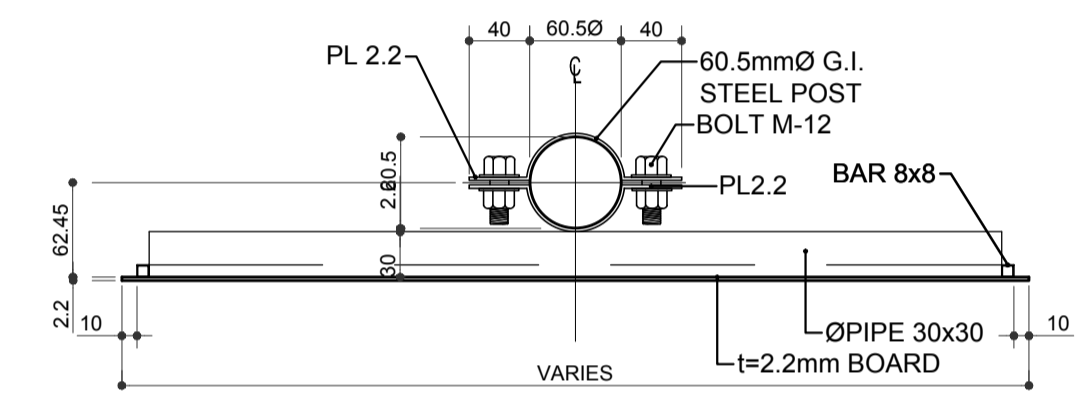


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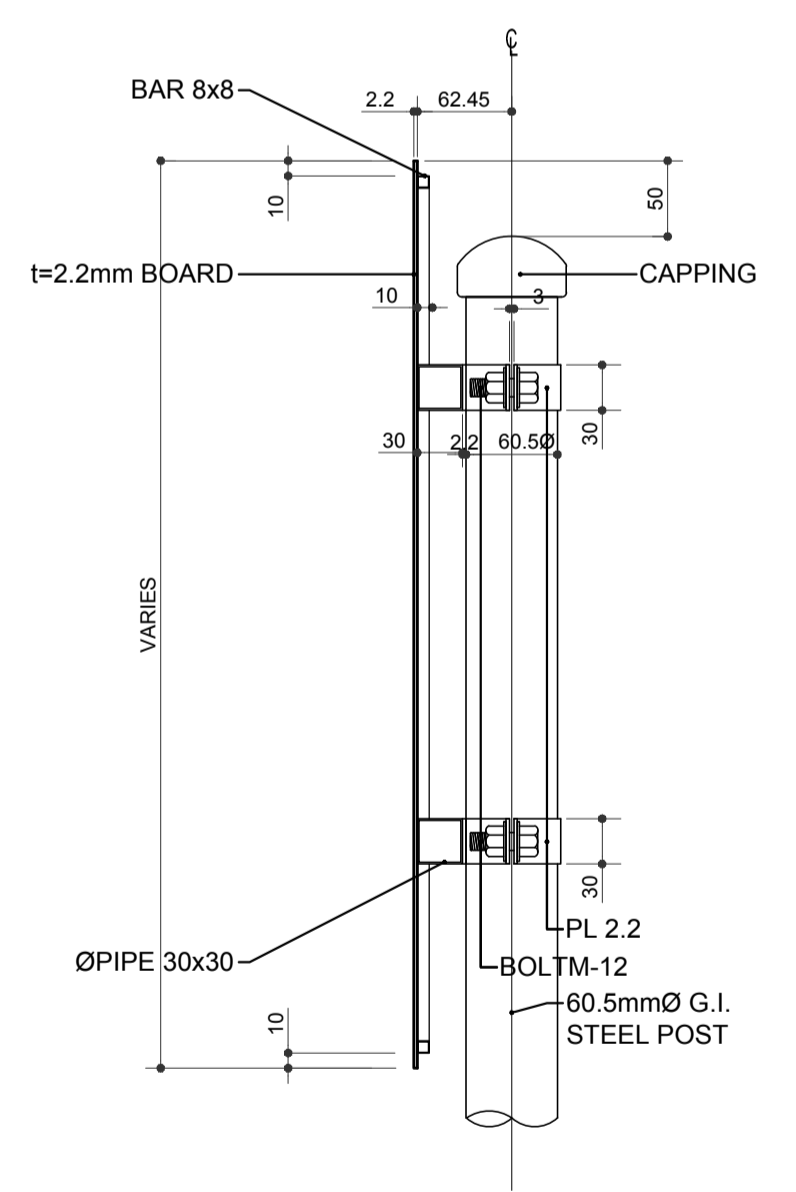
<b>RS-9</b>	<b>RS-10</b>
QTY: 4	QTY: 4
SIZE: 1450 x W300	SIZE: 1450 x W300



**5 CONNECTION DETAIL**  
SCALE 1:20 m.

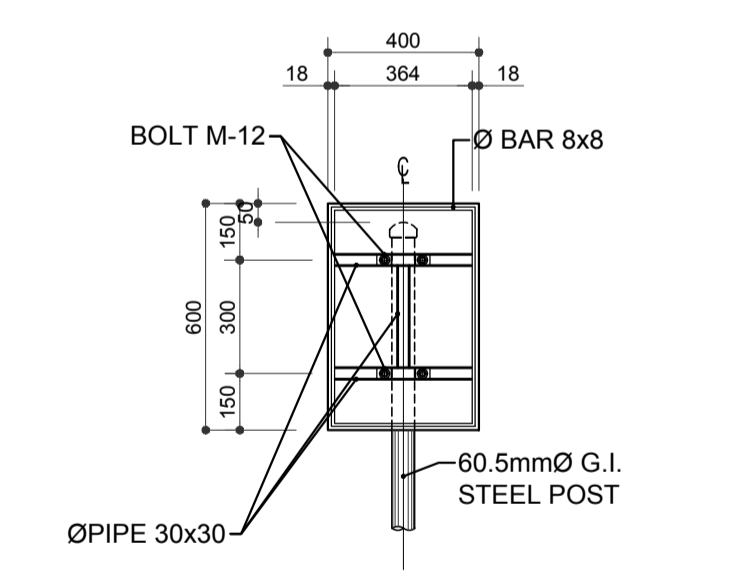


**5 TYPICAL CONNECTION PLAN**  
SCALE 1:5 m.



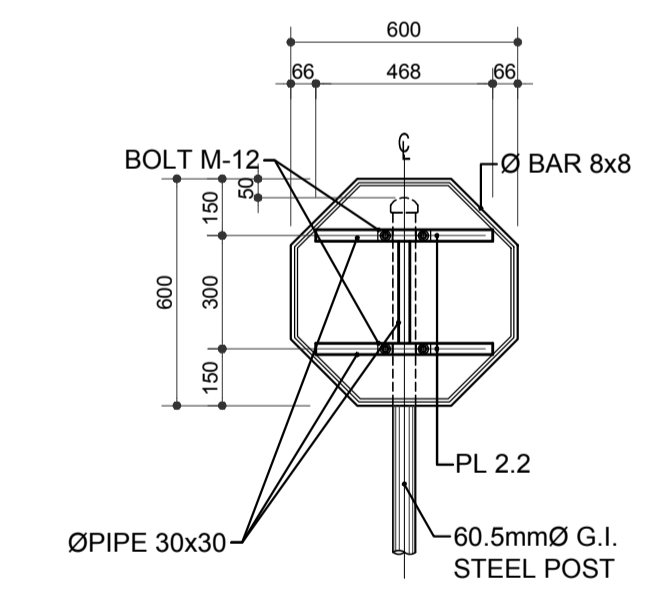
**6 TYPICAL CONNECTION PLAN**  
SCALE 1:5 m.

<b>RS-11</b>
QTY: 3
SIZE: 1600 x W400



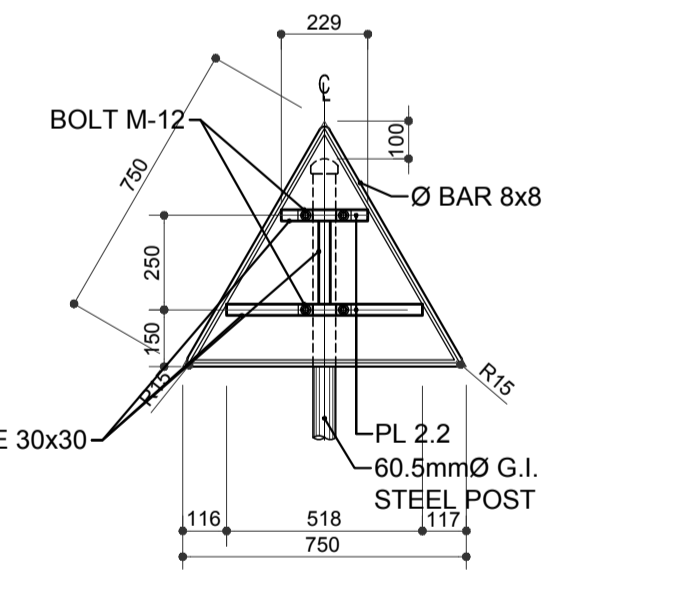
**7 CONNECTION DETAIL**  
SCALE 1:20 m.

<b>RS-12</b>
QTY: 4
SIZE: 1600 x W600 (OCTAGON)



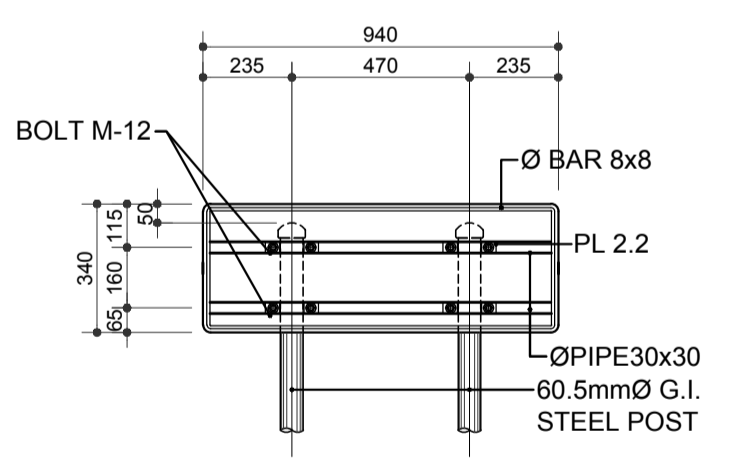
**8 CONNECTION DETAIL**  
SCALE 1:20 m.

<b>RS-13</b>
QTY: 2
SIZE: 750x750x750



**9 CONNECTION DETAIL**  
SCALE 1:20 m.

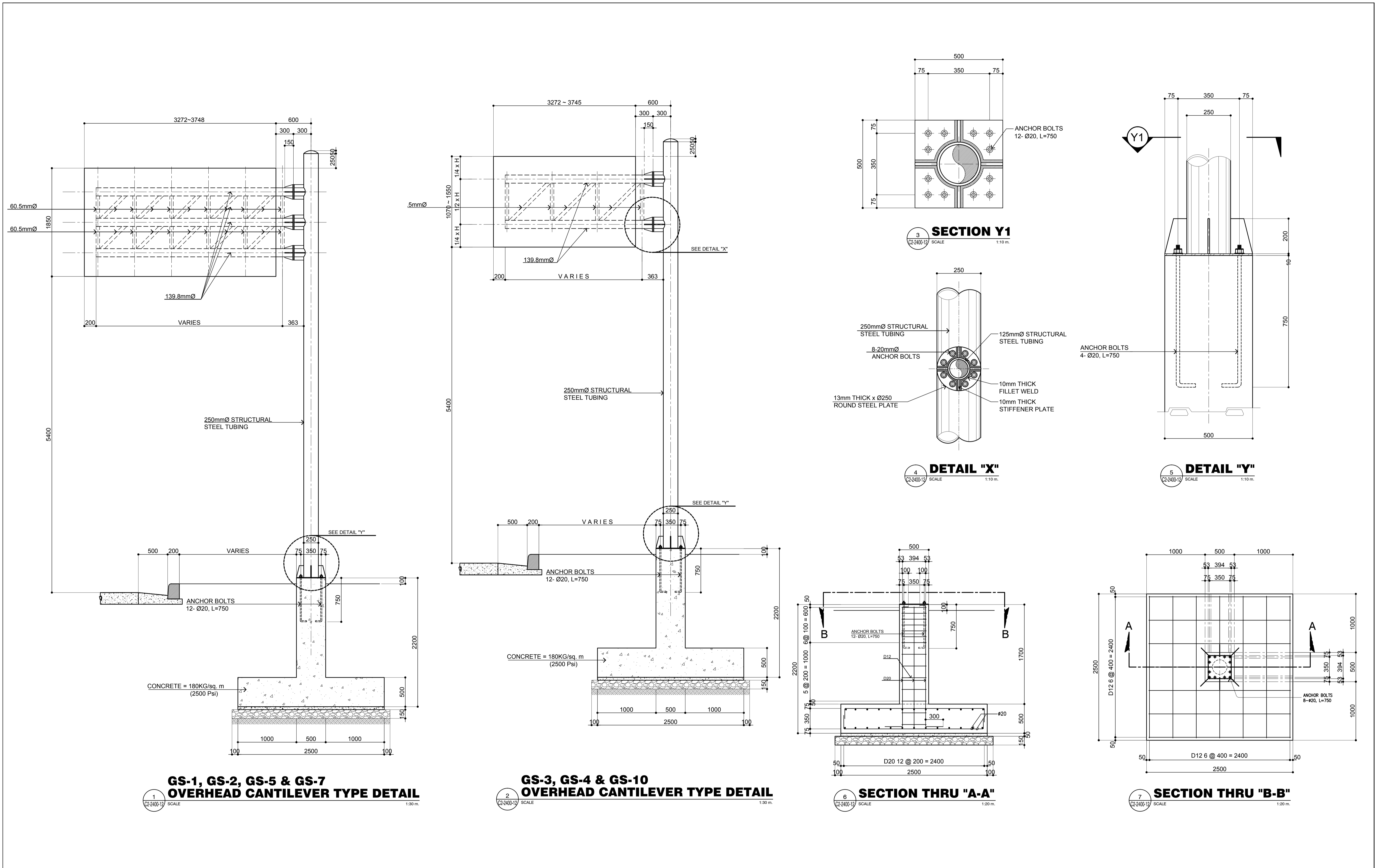
<b>RS-14</b>
QTY: 1
SIZE: 1940 x W340



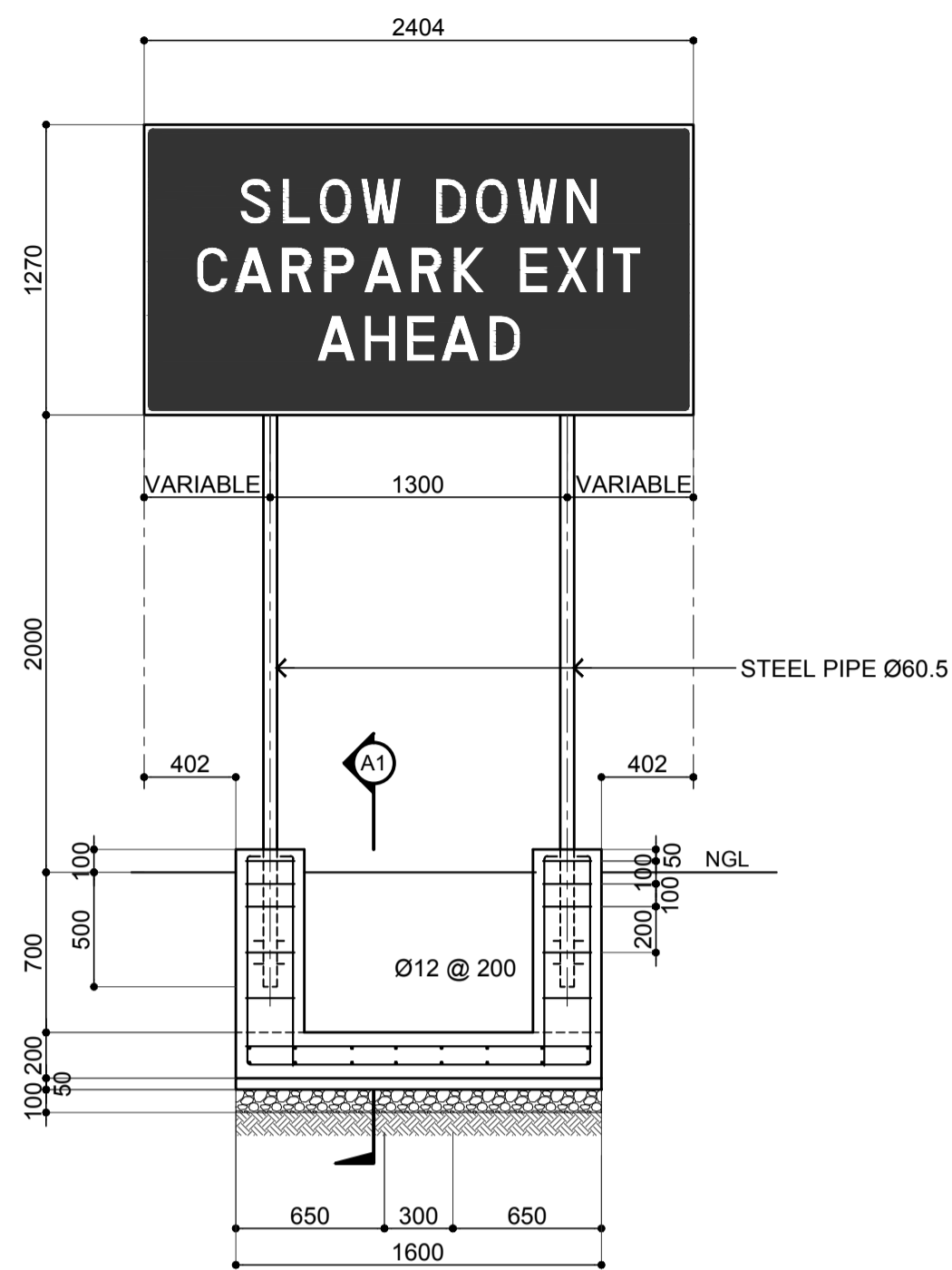
**10 CONNECTION DETAIL**  
SCALE 1:20 m.

**NOTE:**  
SIGN BOARD - ALUMINUM SHEET  
FRAME: HOT GALVANIZED

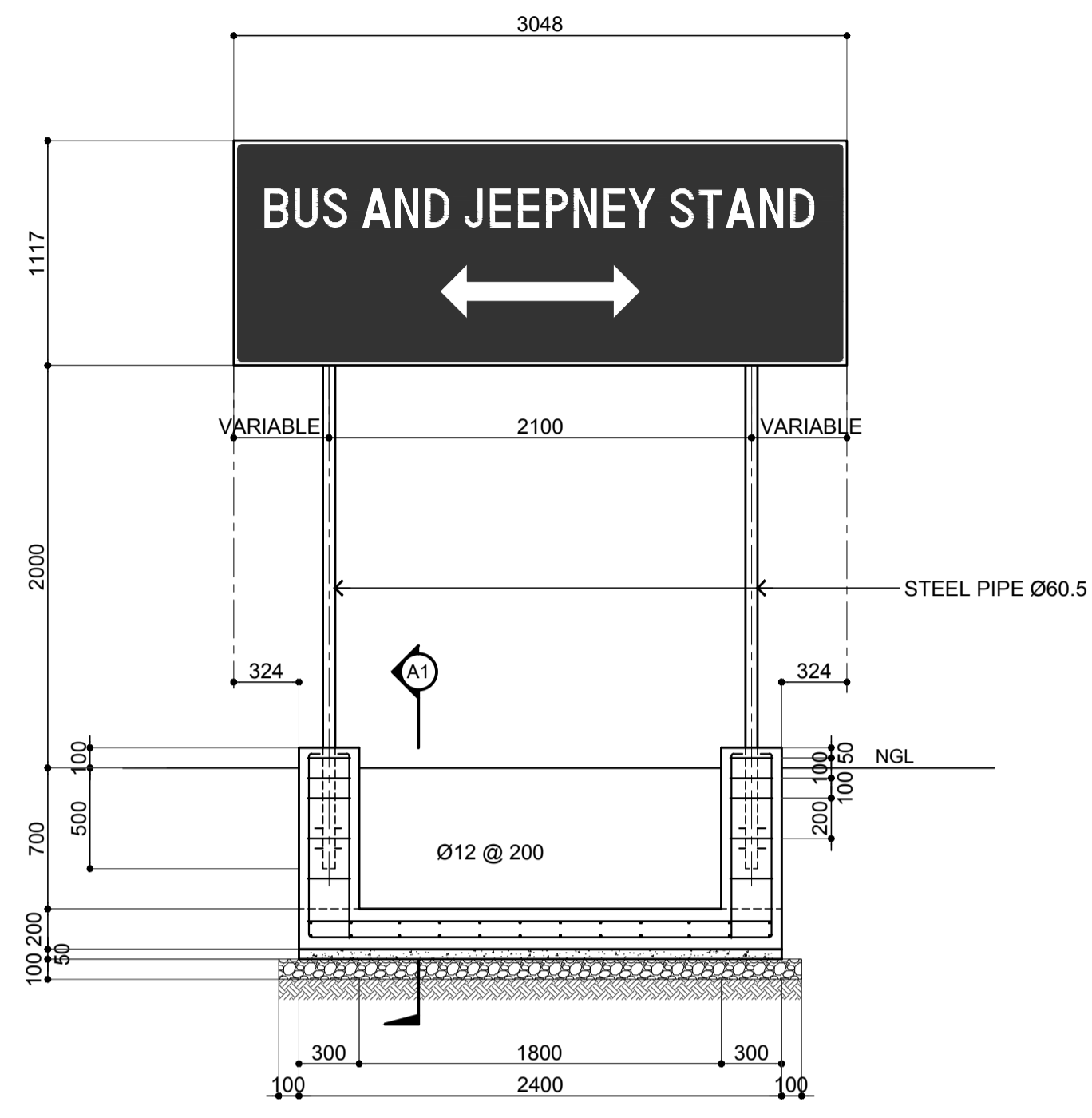
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b> LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS ROAD SIGNAGES CONNECTION DETAIL	SHEET NO: <b>C2-2400-11</b> DRAWING SCALE: AS SHOWN
	JICA DESIGN CONSULTANT JOINT VENTURE JAPAN AIRPORT CONSULTANTS, INC. NIPPON KOEI CO., LTD. NIS CONSULTANTS CO., LTD.	DATE: JUNE 2013 INDEX AMENDMENTS Prepared by: WIM Checked by: HC Validated by:				



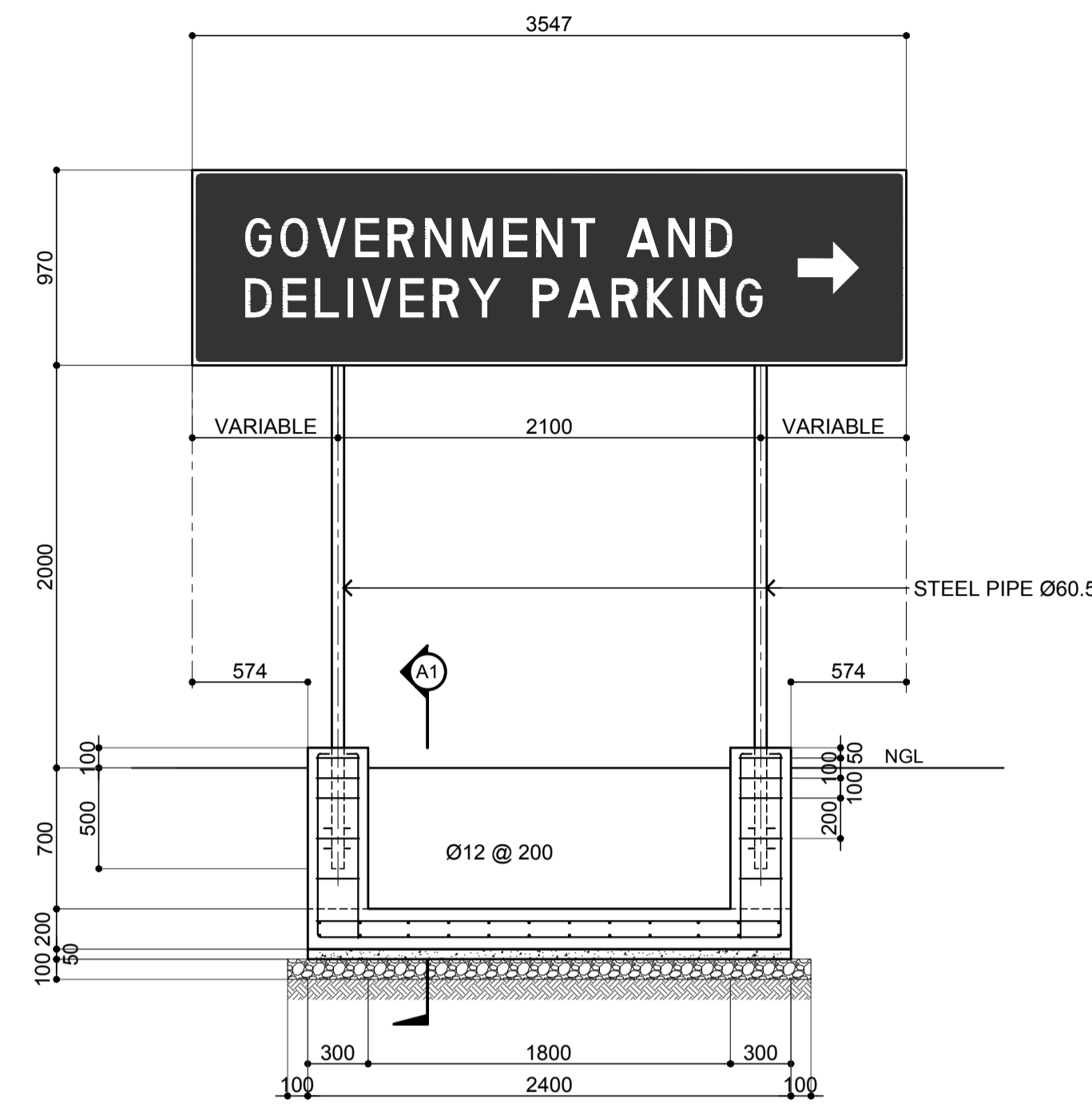
	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241          REG. NO.: 34252 DATE: JULY 18, 2013          TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary          for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary          for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS OVERHEAD CANTILEVER POST AND FOUNDATION DETAIL	SHEET NO: <b>C2-2400-12</b>	
	JICA DESIGN CONSULTANT JOINT VENTURE	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary          for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary          for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



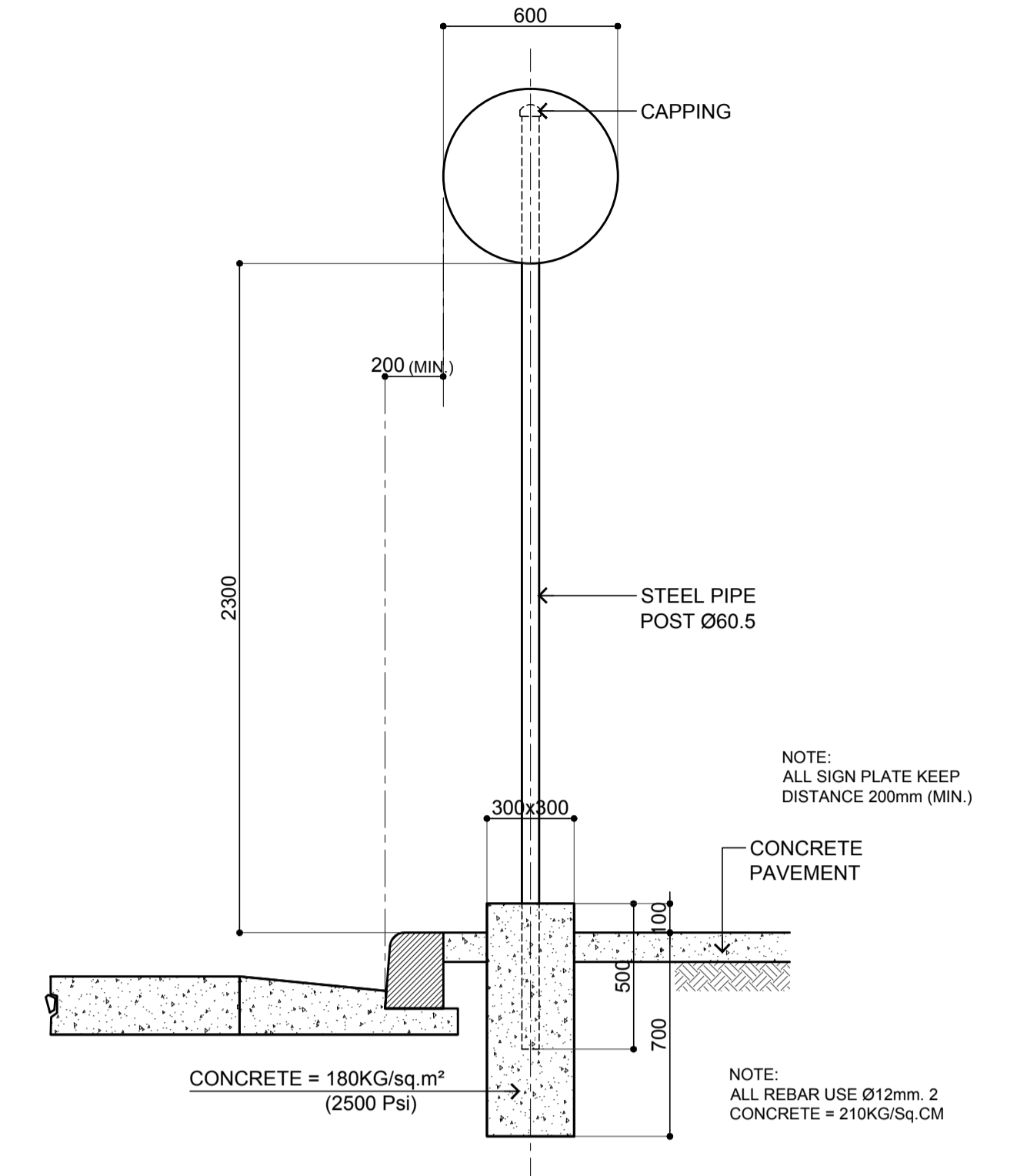
1 **DETAIL OF GS-6 (TYPE "B")**  
SCALE: 1:30 m.



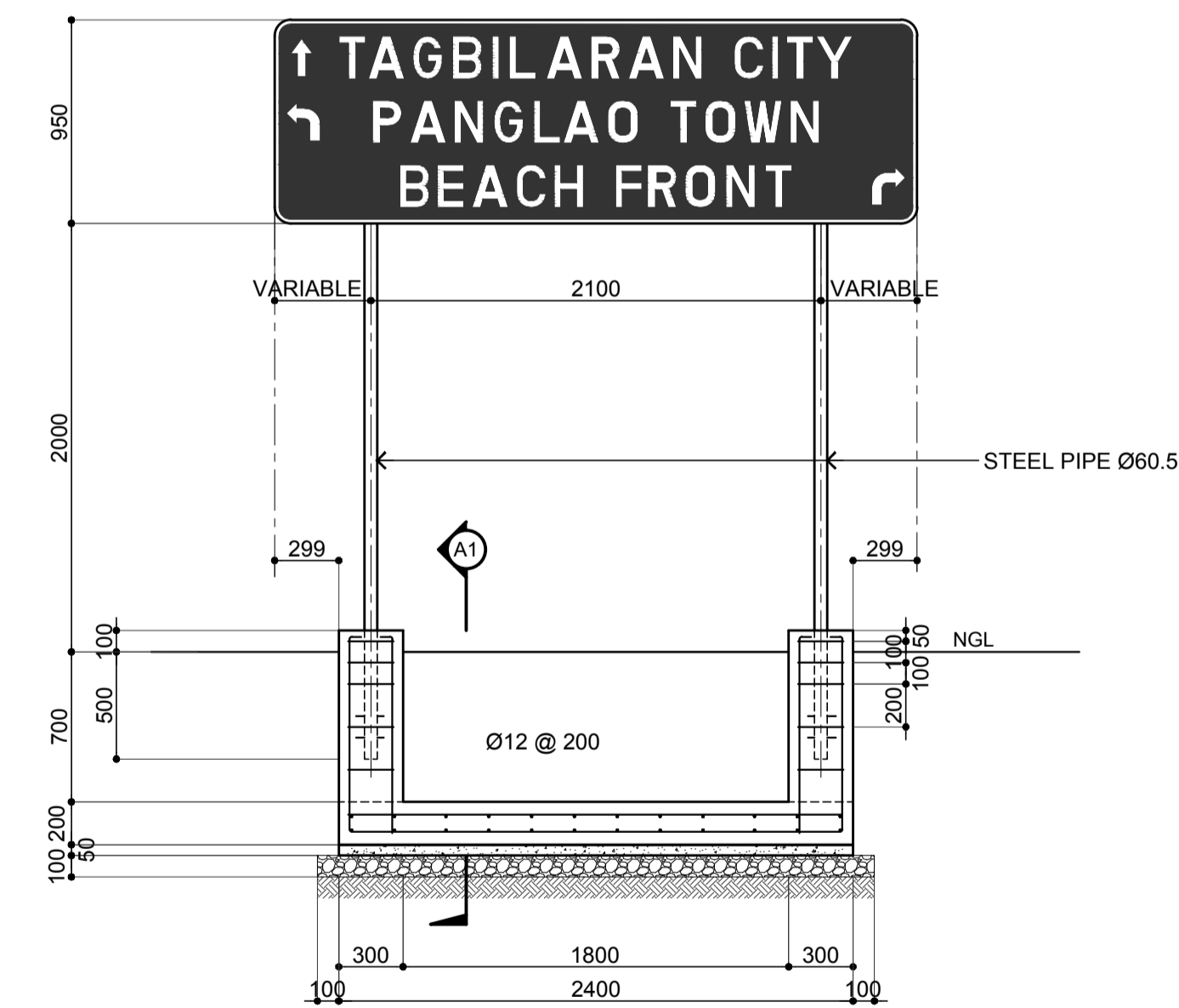
2 **DETAIL OF GS-8 (TYPE "A")**  
SCALE: 1:30 m.



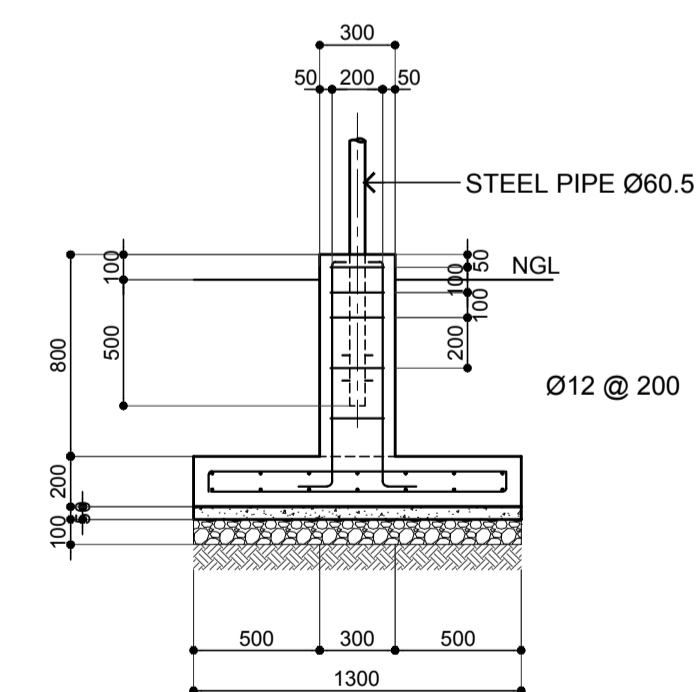
3 **DETAIL OF GS-9 (TYPE "A")**  
SCALE: 1:30 m.



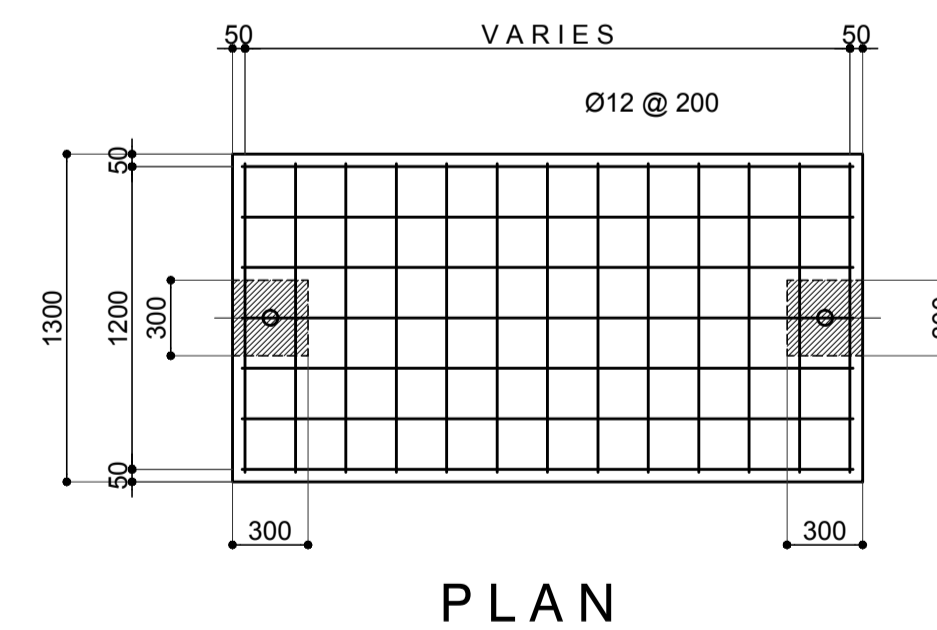
7 **ROAD SIGN MOUNTING DETAIL B**  
SCALE: 1:20 m.



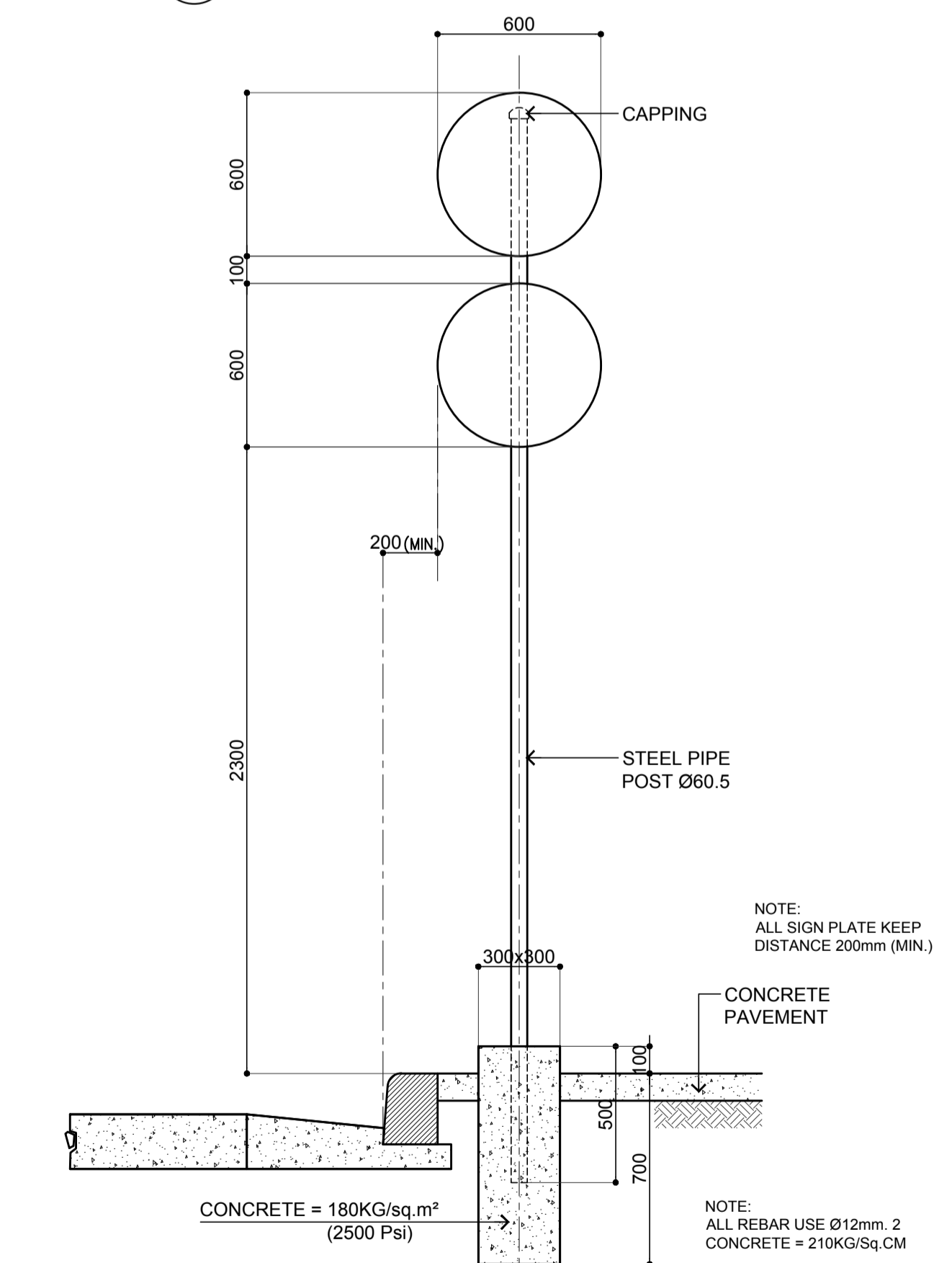
4 **DETAIL OF GS-11 (TYPE "A")**  
SCALE: 1:30 m.



5 **SECTION THRU A1**  
SCALE: 1:30 m.

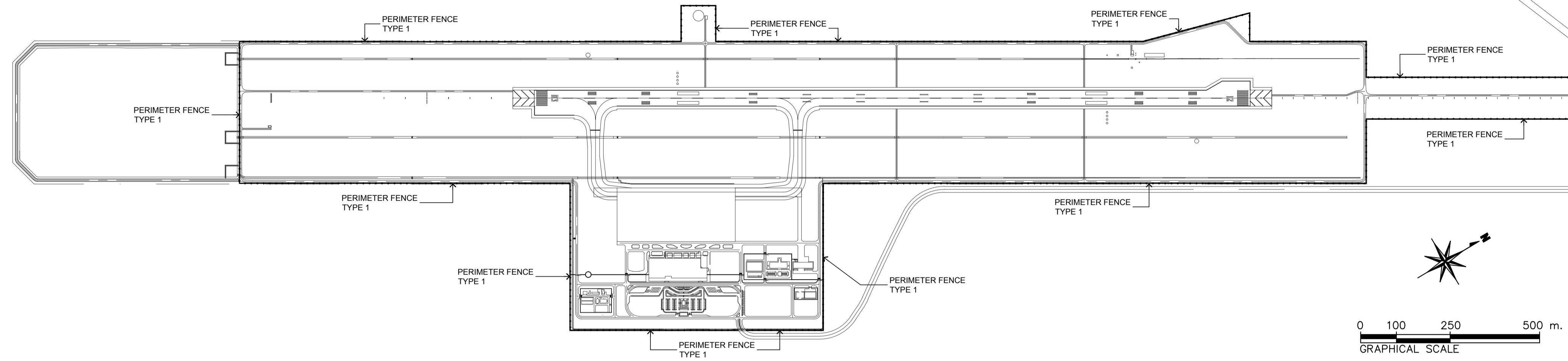


6 **TWO-POSTS TYPICAL DETAIL**  
SCALE: 1:30 m.

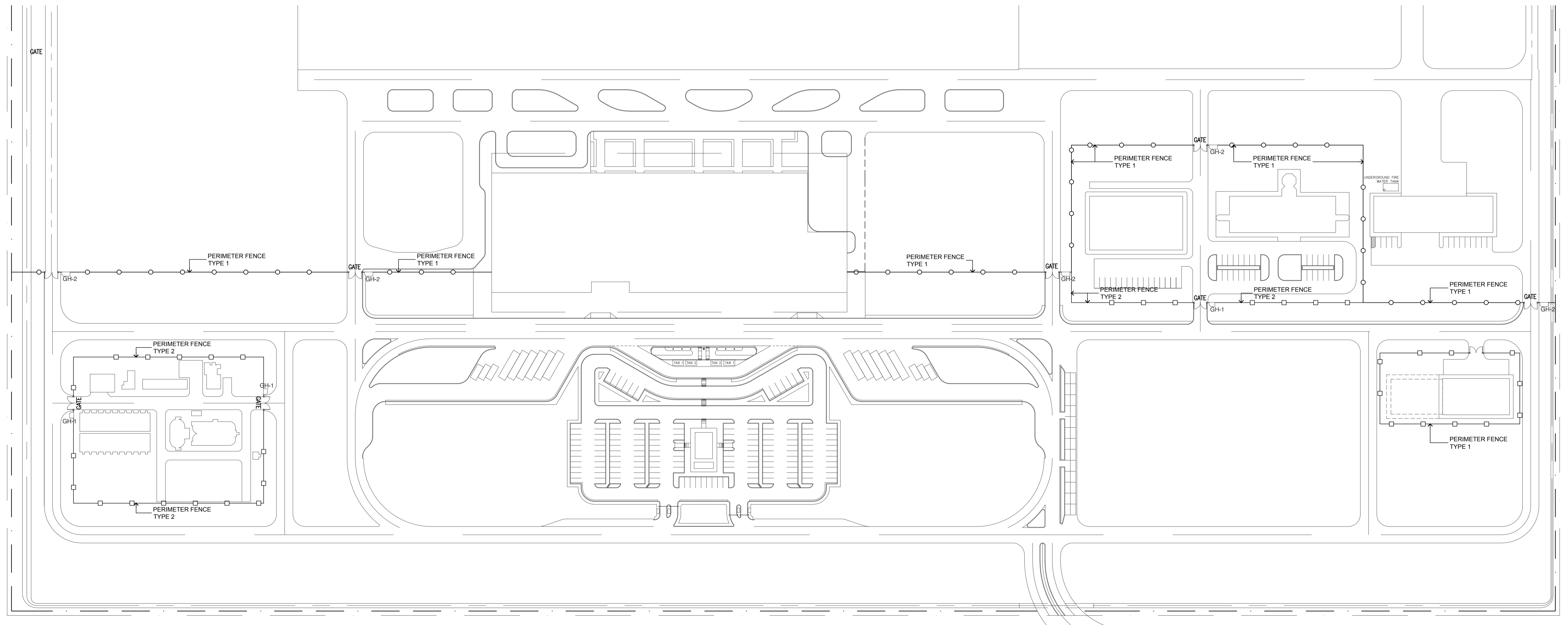


8 **ROAD SIGN MOUNTING DETAIL A**  
SCALE: 1:20 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 RES. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS SIGN POST AND FOUNDATION DETAIL	SHEET NO: <b>C2-2400-13</b>	
	JICA DESIGN CONSULTANT JOINT VENTURE	TADASHI AOI <small>Team Leader</small>	JILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013	INDEX:	AMENDMENTS:	Prepared by: WIM Checked by: HC Validated by:



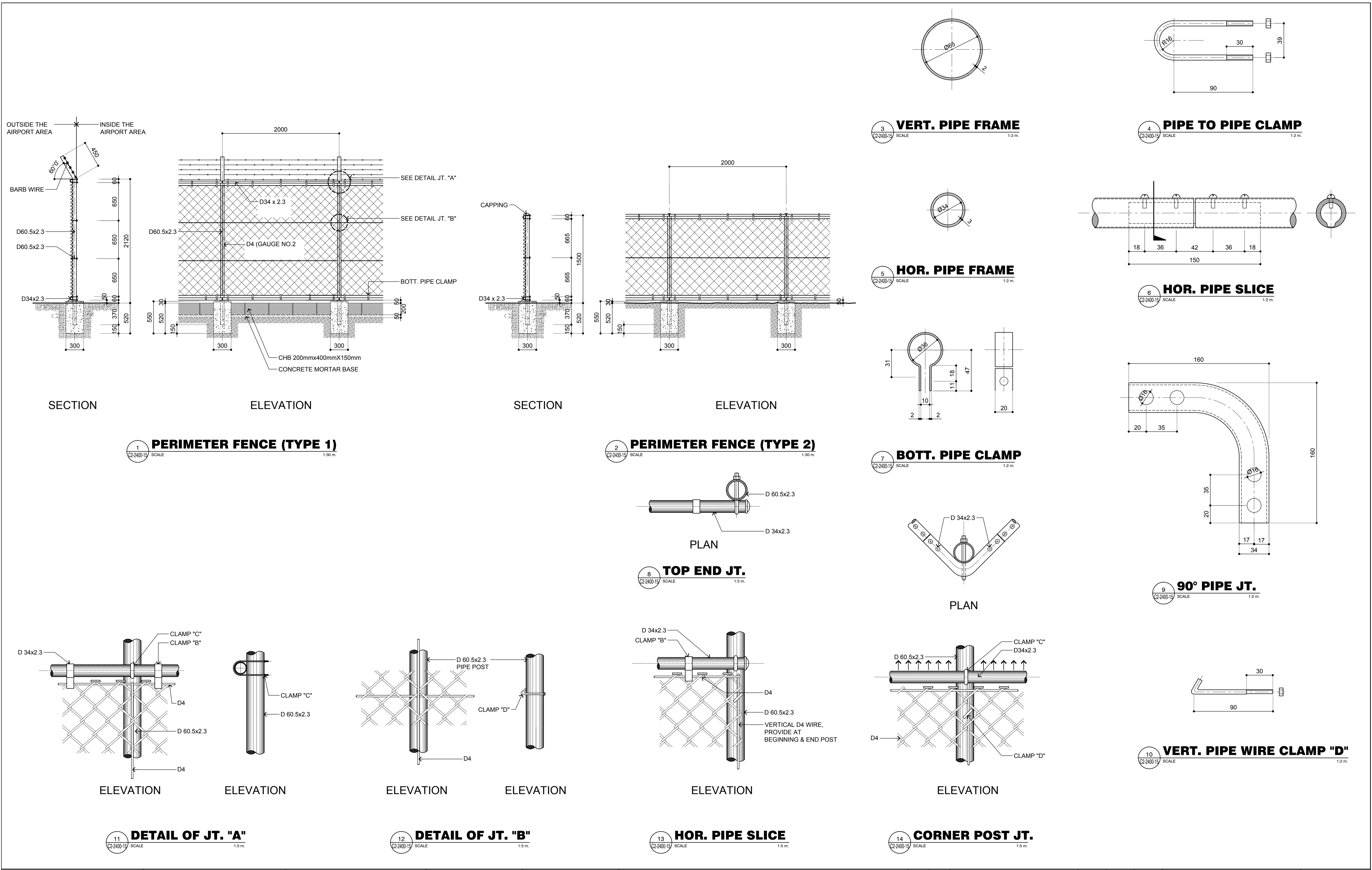
**1 PERIMETER FENCE LAYOUT PLAN AT AERONAUTICAL AREA**  
1:8000 m.



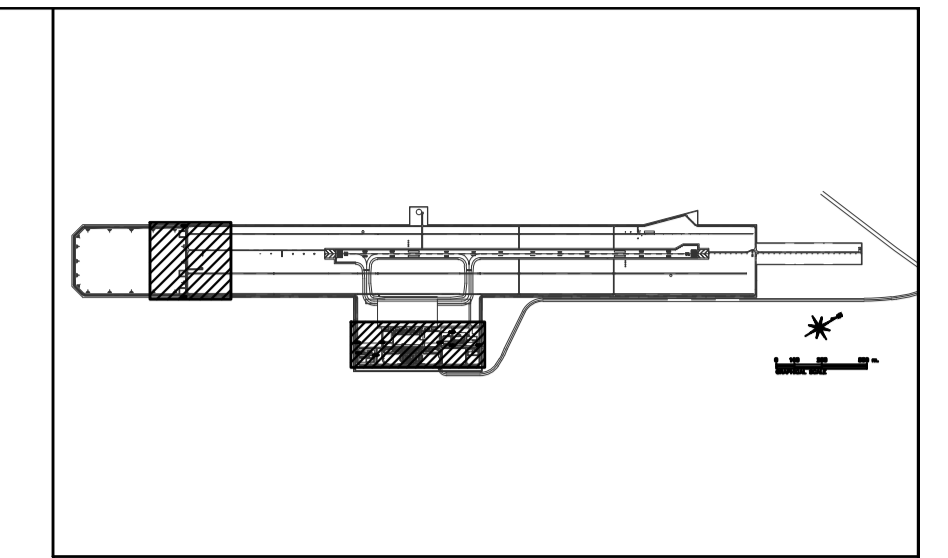
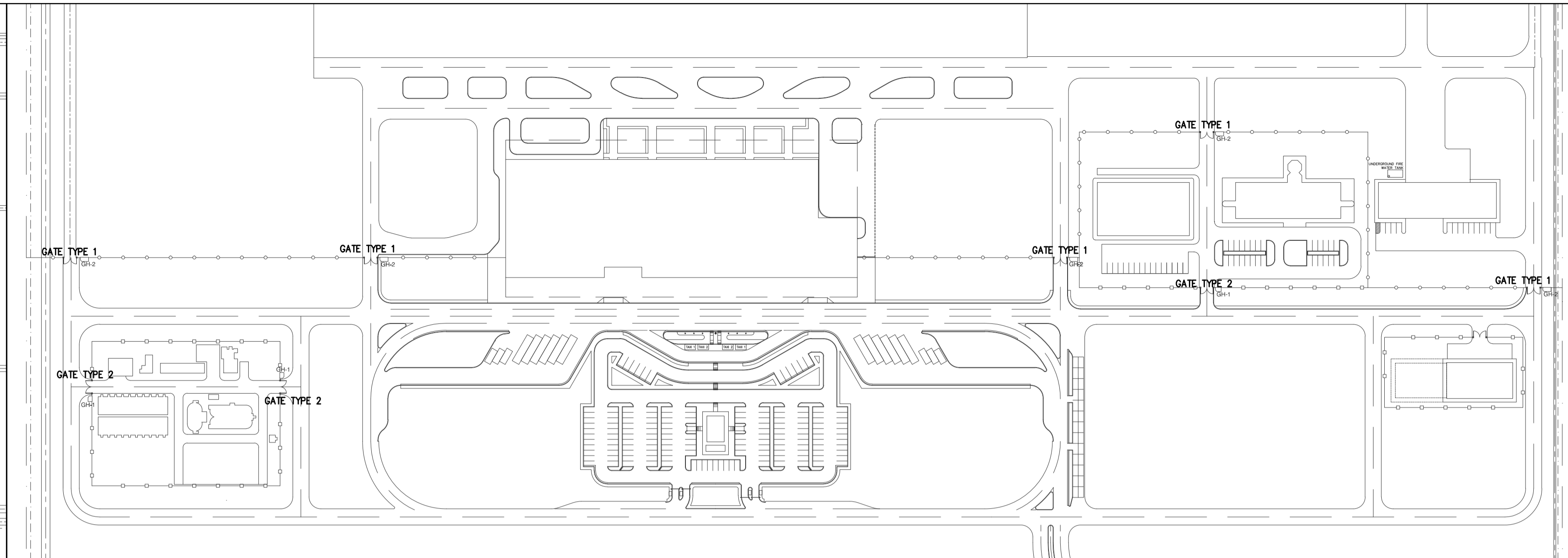
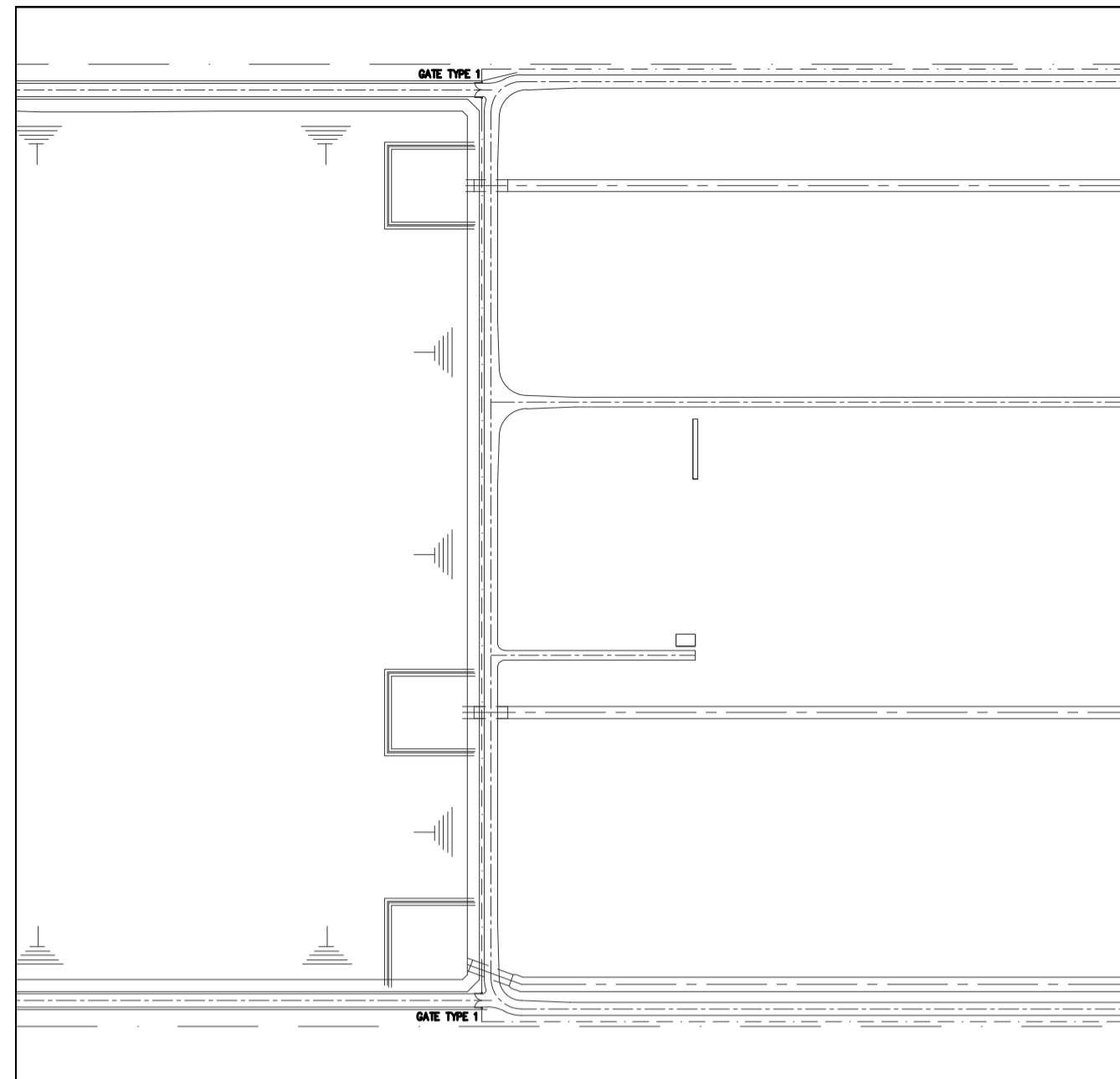
**2 PERIMETER FENCE LAYOUT PLAN AT LANDSIDE AREA**  
1:2000 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241          REG. NO.: 34252 DATE: JULY 18, 2013          TEL. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary          for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary          for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS PERIMETER FENCE LAYOUT	SHEET NO: <b>C2-2400-14</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary          for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary          for Project Implementation, DOTC</small>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DRAWING SCALE: AS SHOWN



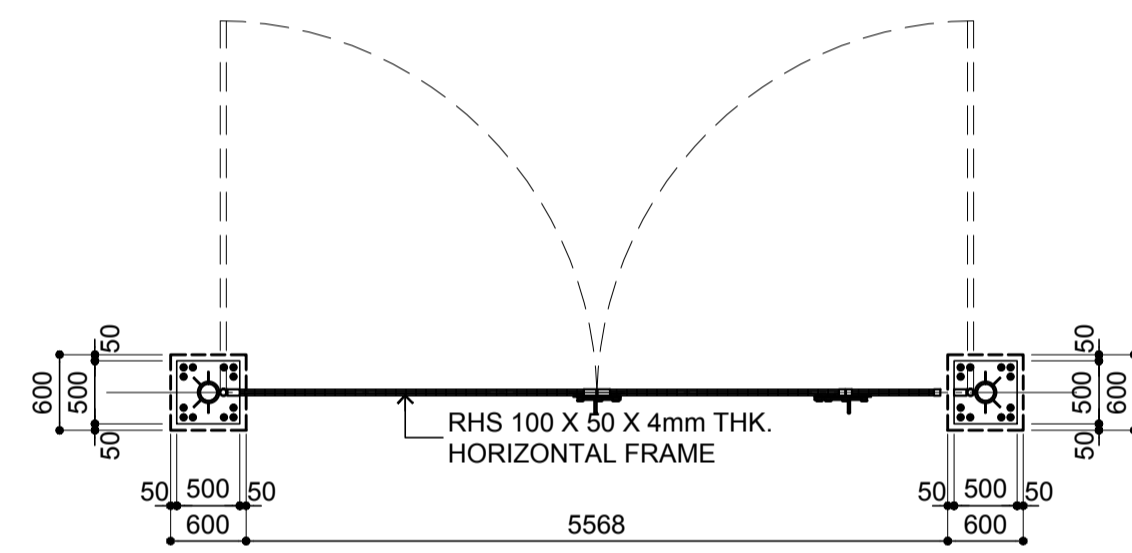


	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 T.E.N. 199-699-561 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>ILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS PERIMETER FENCE DETAIL	SHEET NO: <b>C2-2400-15</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NK</b> NIPPON KOEI CO., LTD. <b>NIS</b> NIS CONSULTANTS CO., LTD.	TADASHI AOI <small>Team Leader</small>	ILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	DRAWING SCALE: AS SHOWN

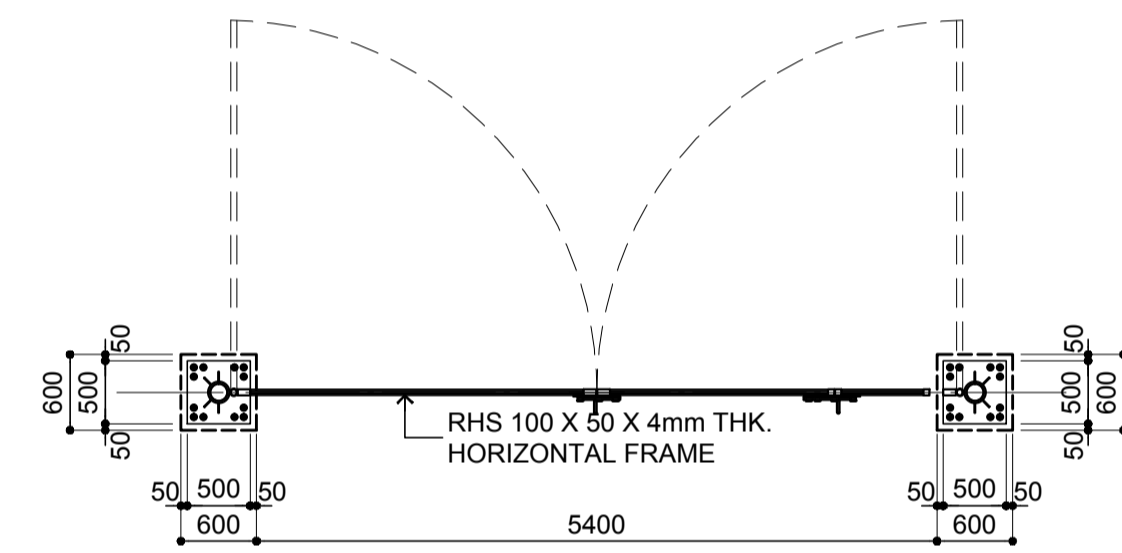


**KEY PLAN**

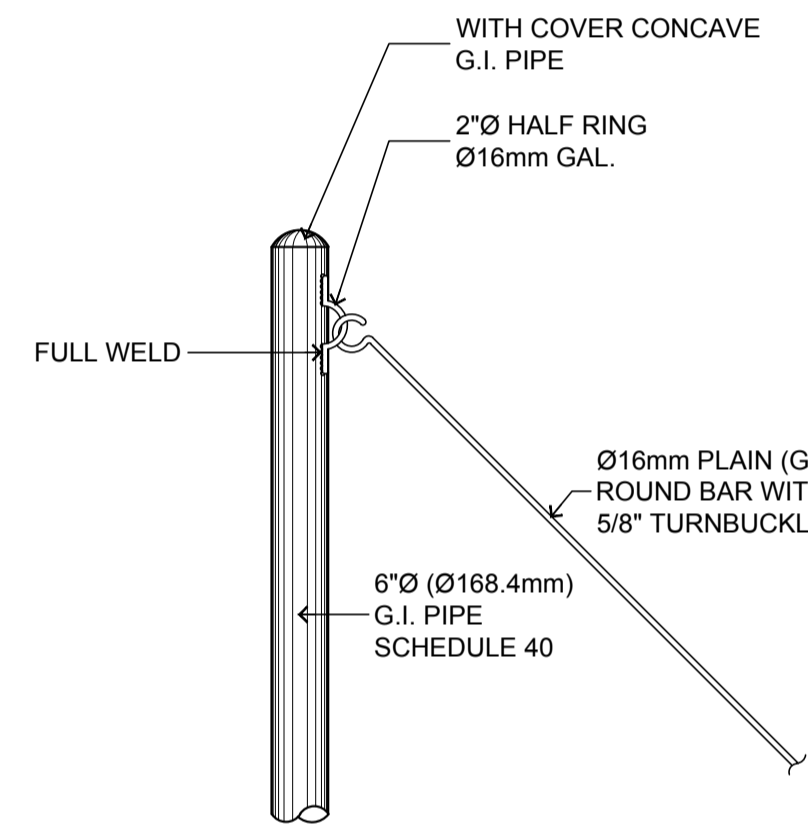
**1 GATE LAYOUT PLAN**  
SCALE: NTS



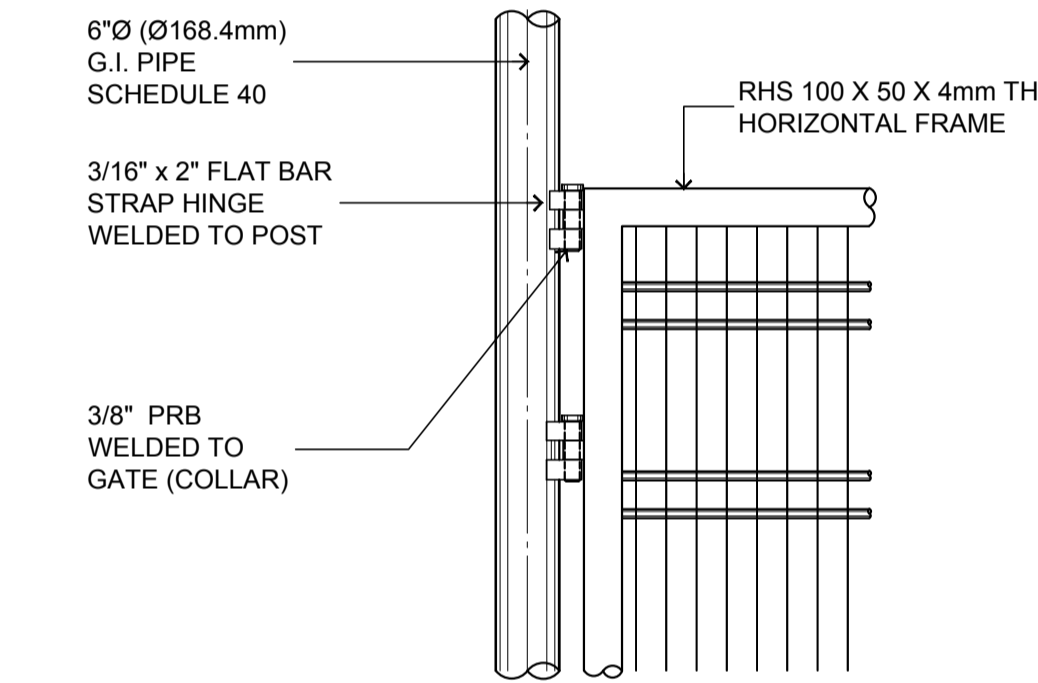
**1 PLAN**  
SCALE: 1:80 m.



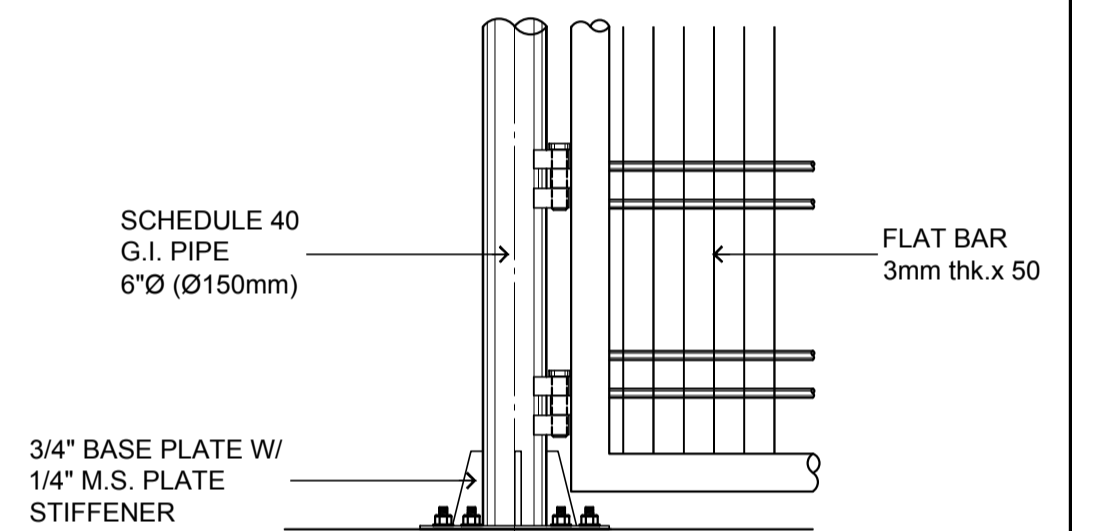
**2 PLAN**  
SCALE: 1:80 m.



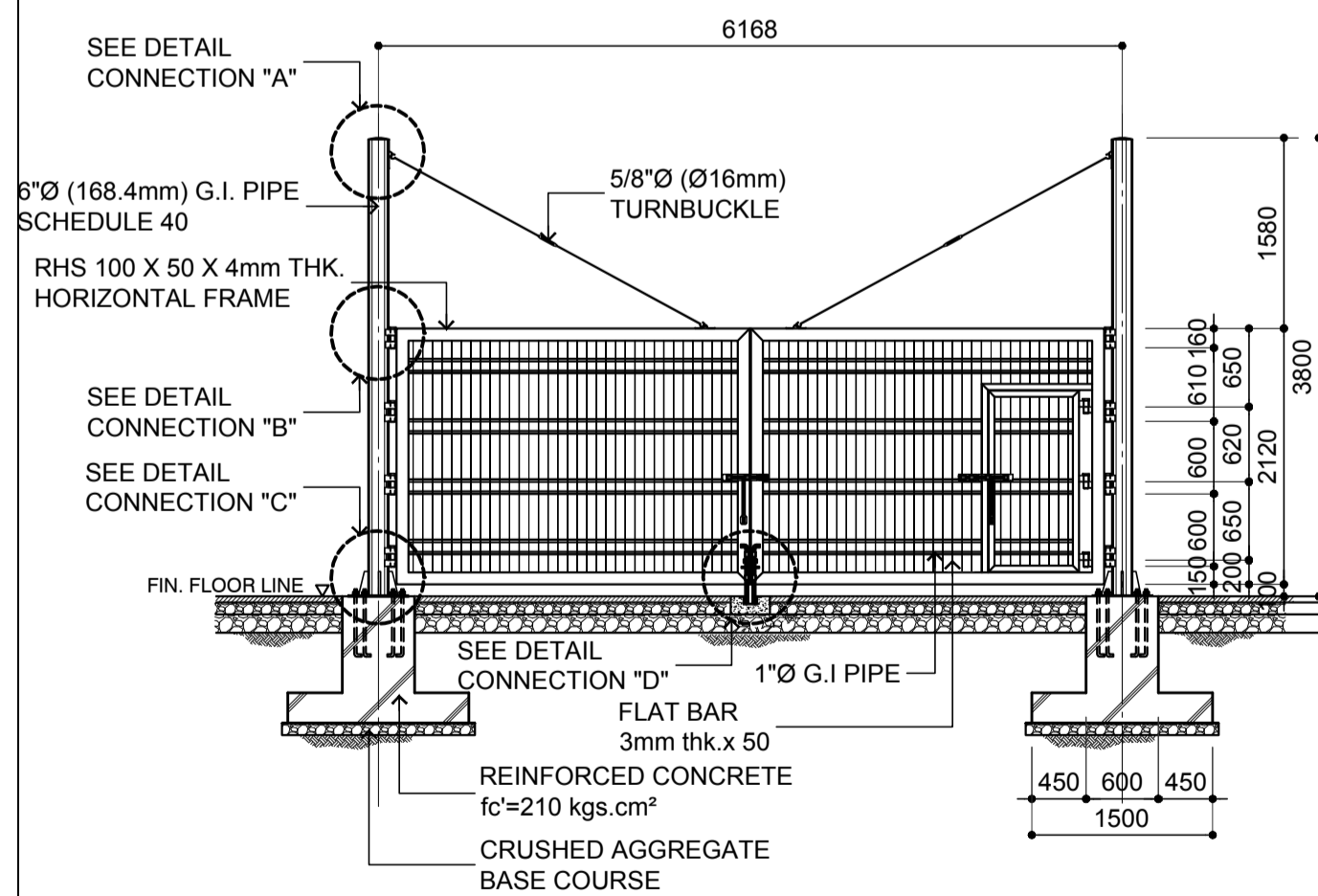
**5 DETAIL CONNECTION "A"**  
SCALE: 1:20 m.



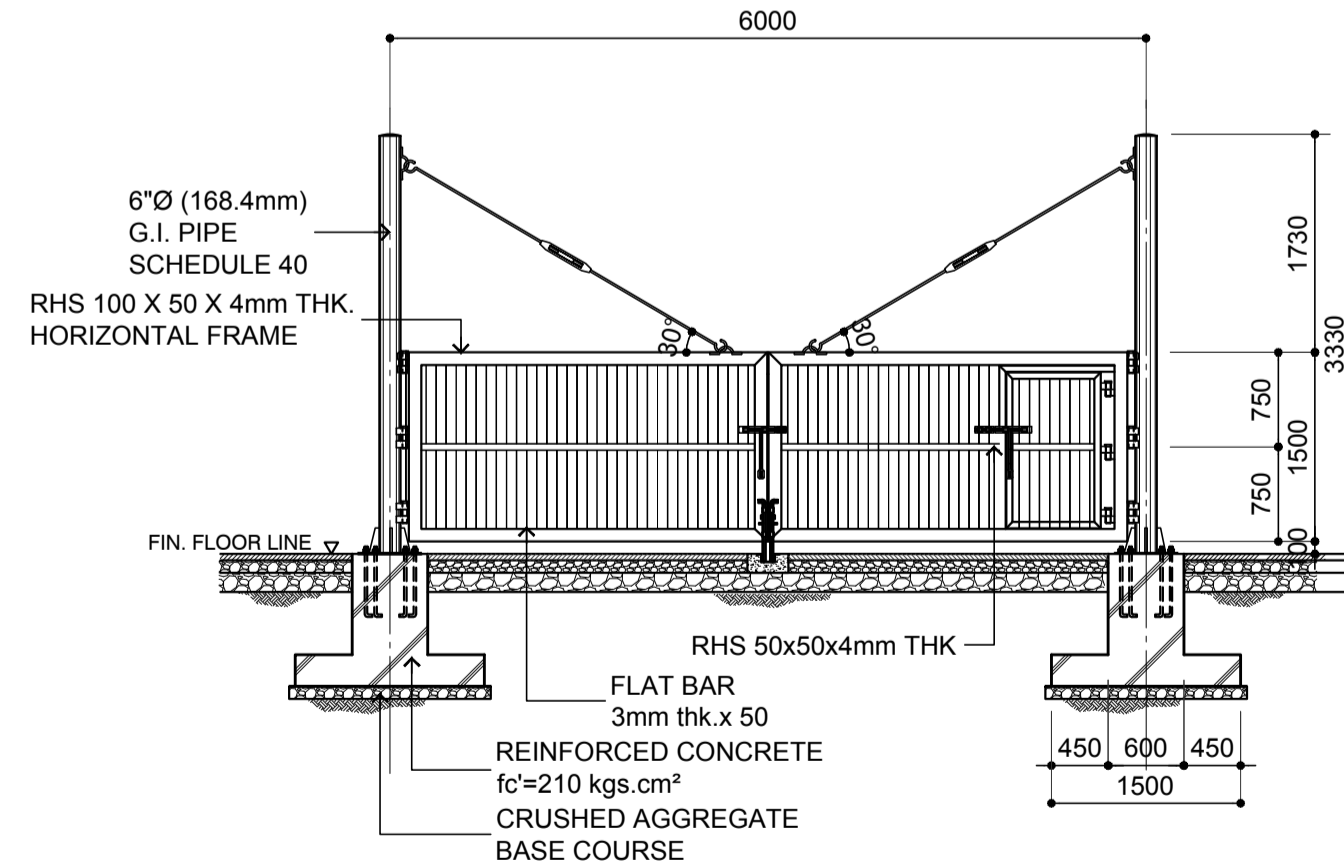
**6 DETAIL CONNECTION "B"**  
SCALE: 1:20 m.



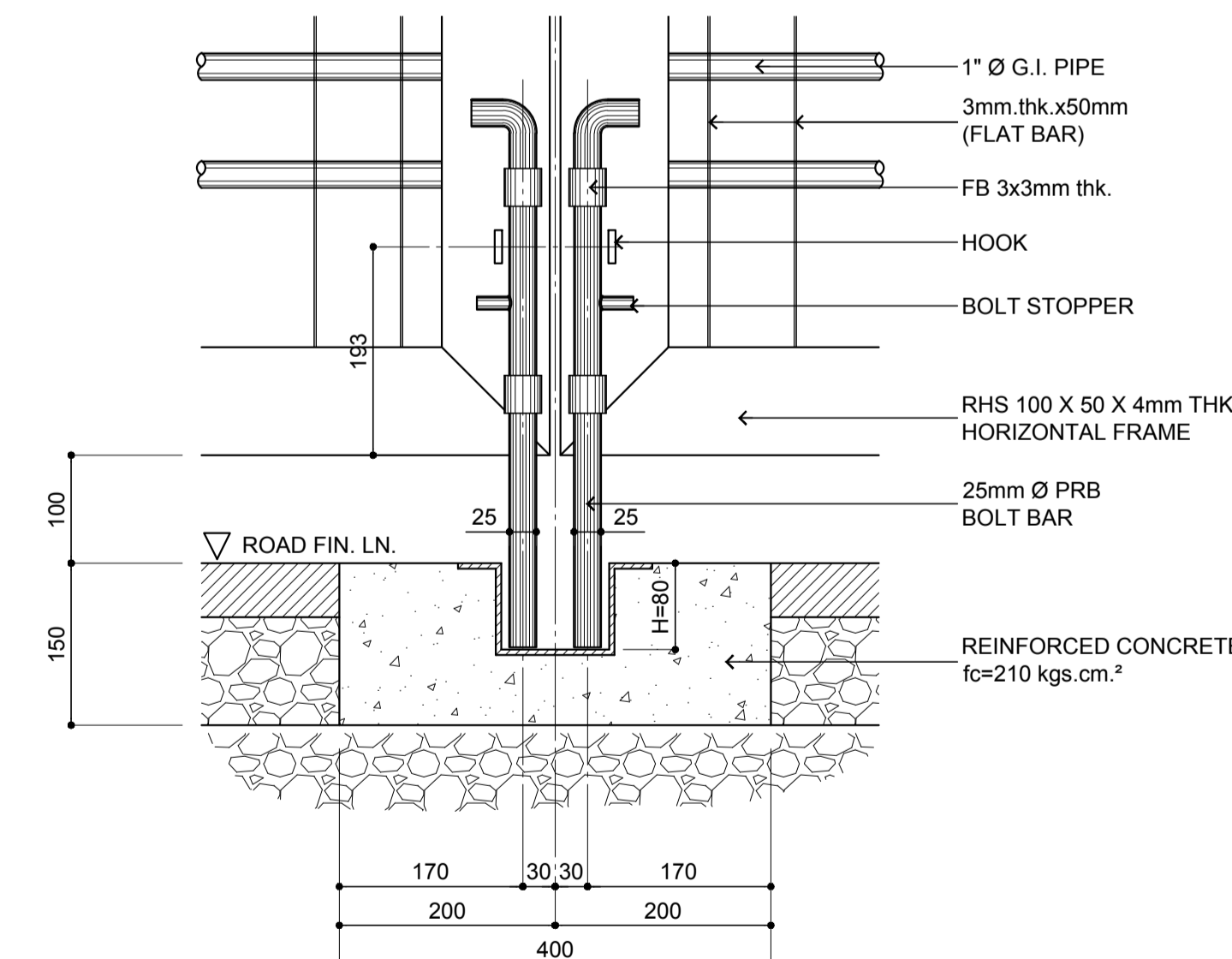
**7 DETAIL CONNECTION "C"**  
SCALE: 1:20 m.



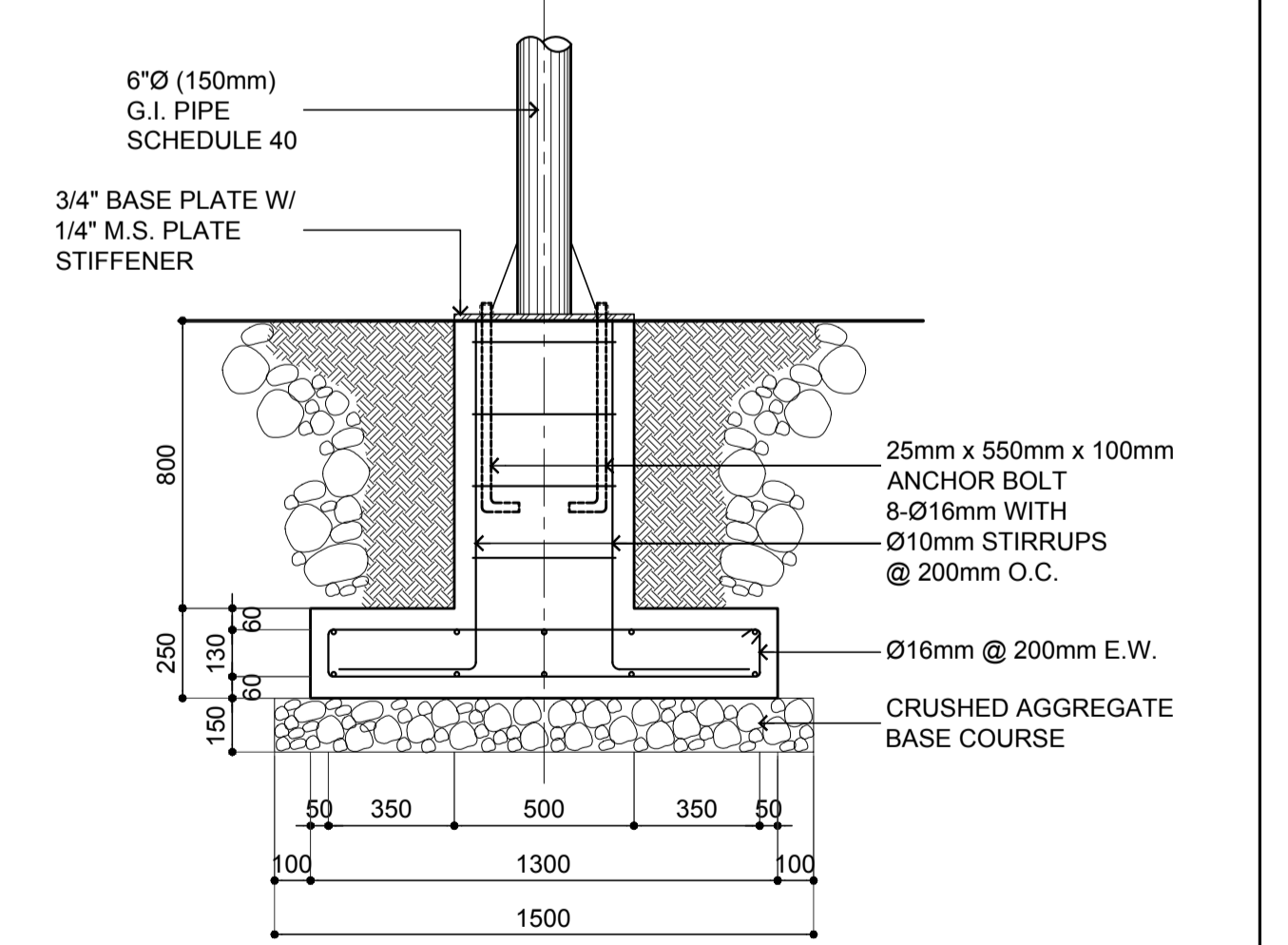
**3 ELEVATION (type 1)**  
SCALE: 1:80 m.



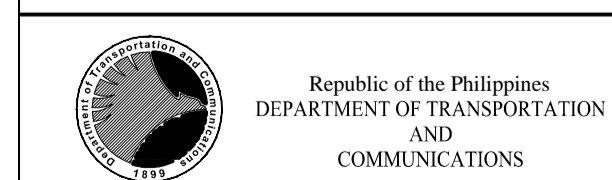
**4 ELEVATION (type 2)**  
SCALE: 1:80 m.



**8 DETAIL CONNECTION "D"**  
SCALE: 1:8 m.



**9 DETAIL OF FOOTING/COLUMN**  
SCALE: 1:20 m.



JAPAN INTERNATIONAL COOPERATION AGENCY

PREPARED BY:  
**ERACIO T. PATDU**  
PROF. CIVIL ENGINEER PIR. 3158241  
RES. NO.: 34252 DATE: JULY 18, 2013  
TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY

RECOMMENDING APPROVAL:  
**ILDEFONSO T. PATDU, JR.**  
Assistant Secretary  
for Project Implementation, DOTC

APPROVED:  
**JULIANITO G. BUCAYAN, JR.**  
Undersecretary  
for Project Implementation, DOTC

PROJECT TITLE:  
**NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT**

LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES

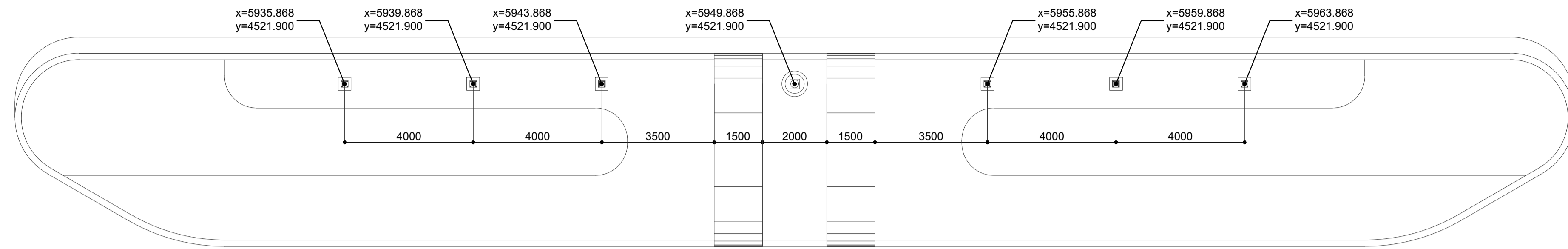
DATE	INDEX	AMENDMENTS	Prepared by	Checked by	Validated by
JUNE 2013			WIM	HC	

SHEET CONTENTS:  
COMPONENT-2 CIVIL WORKS (C)  
SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS  
GATE LOCATION PLAN AND DETAIL

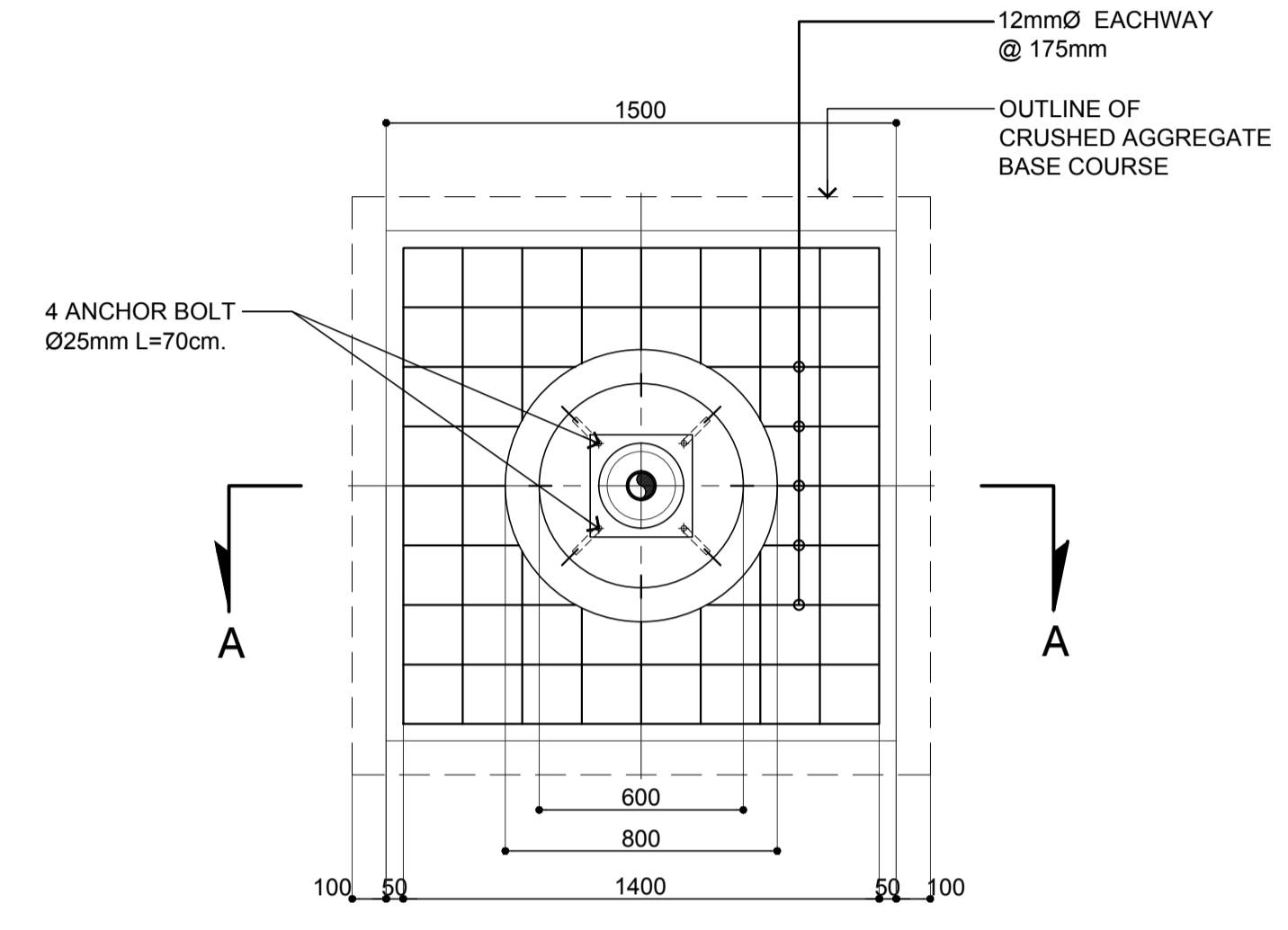
SHEET NO:  
**C2-2400-16**

DRAWING SCALE:  
AS SHOWN

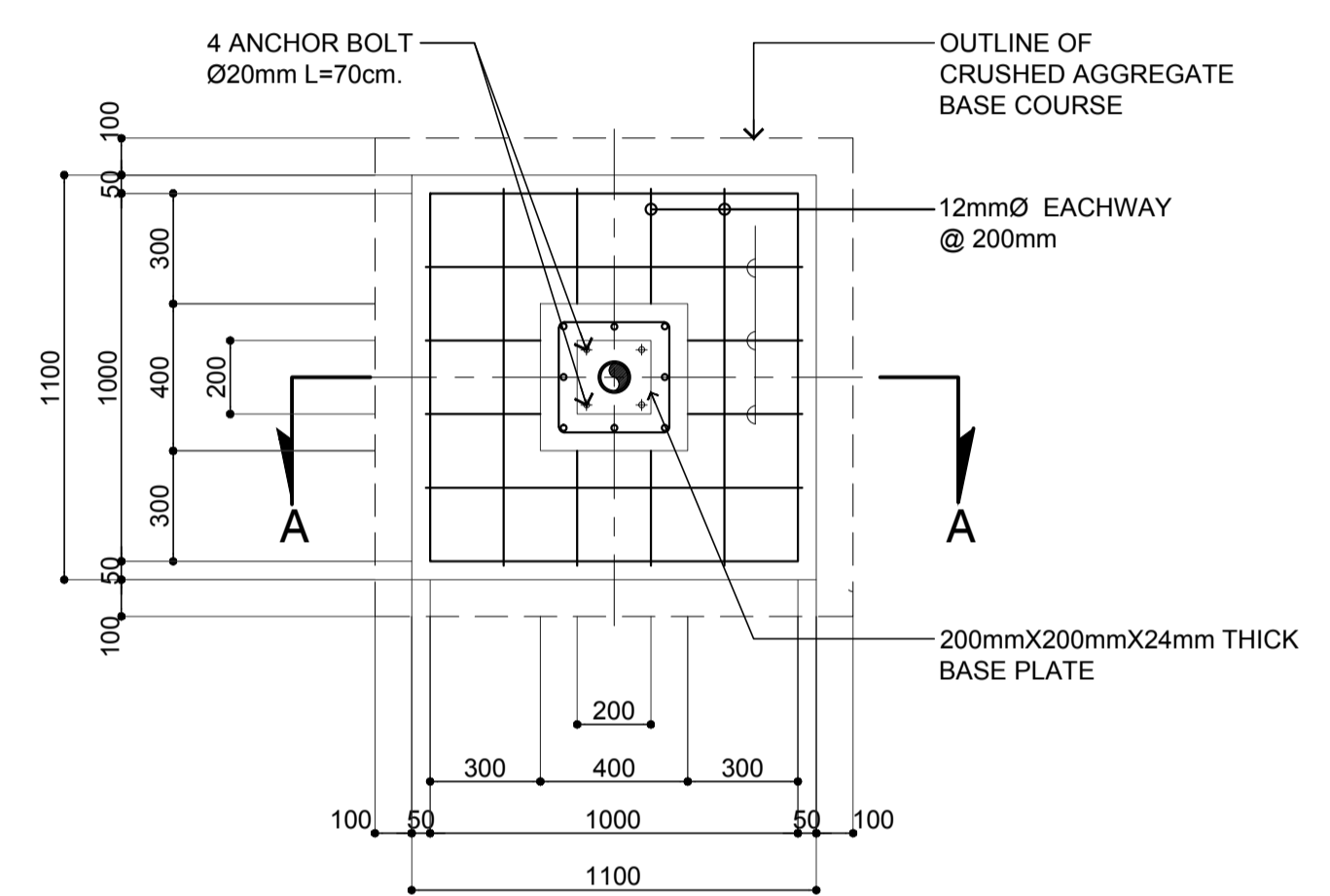




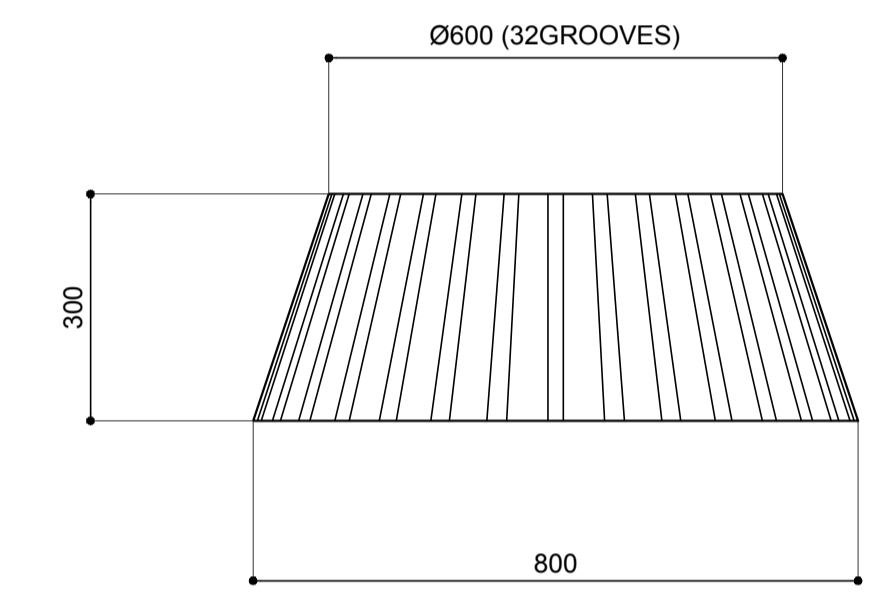
**1 FLAGPOLE LAYOUT PLAN**  
SCALE: 1:100 m.



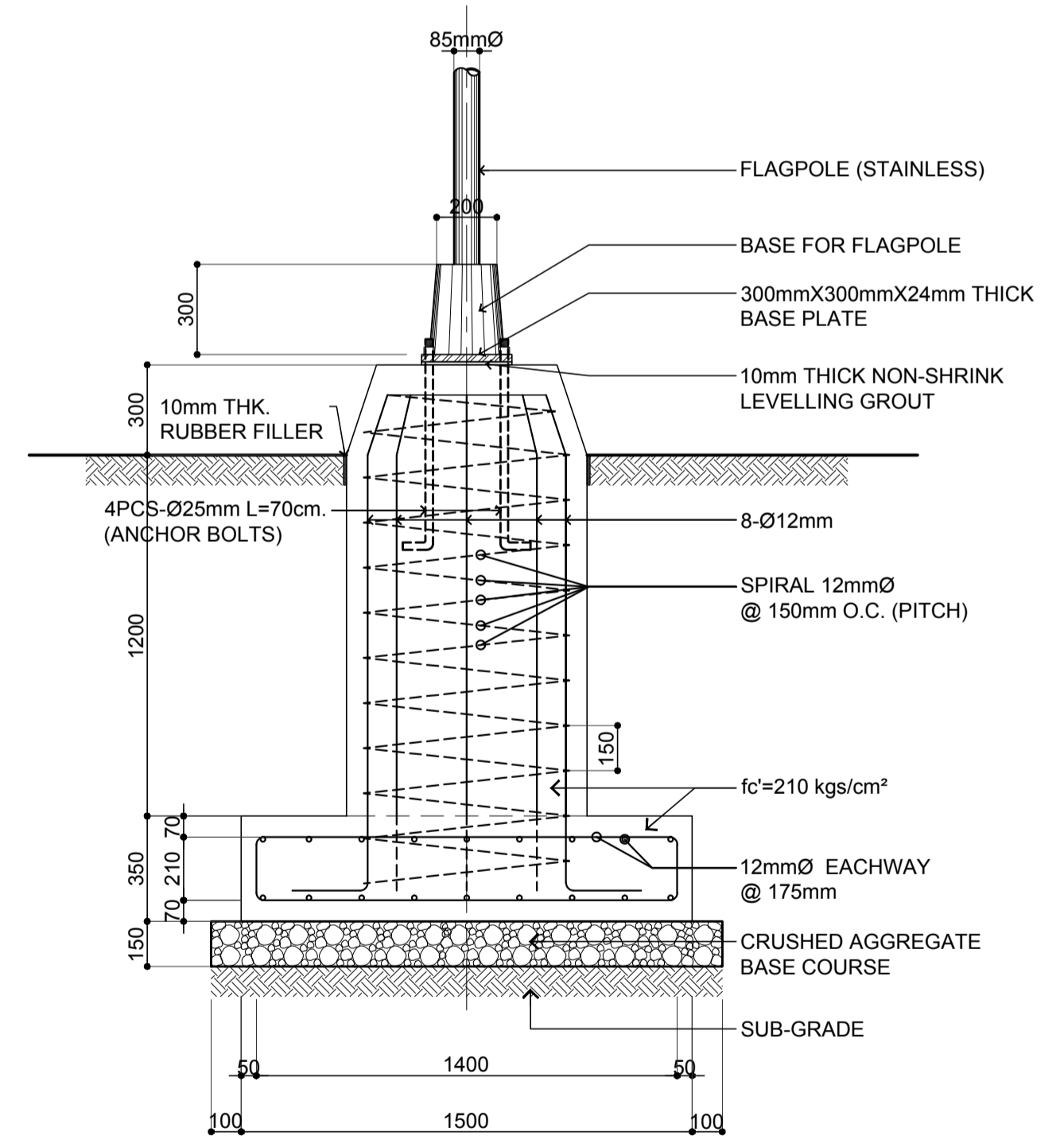
**PLAN**



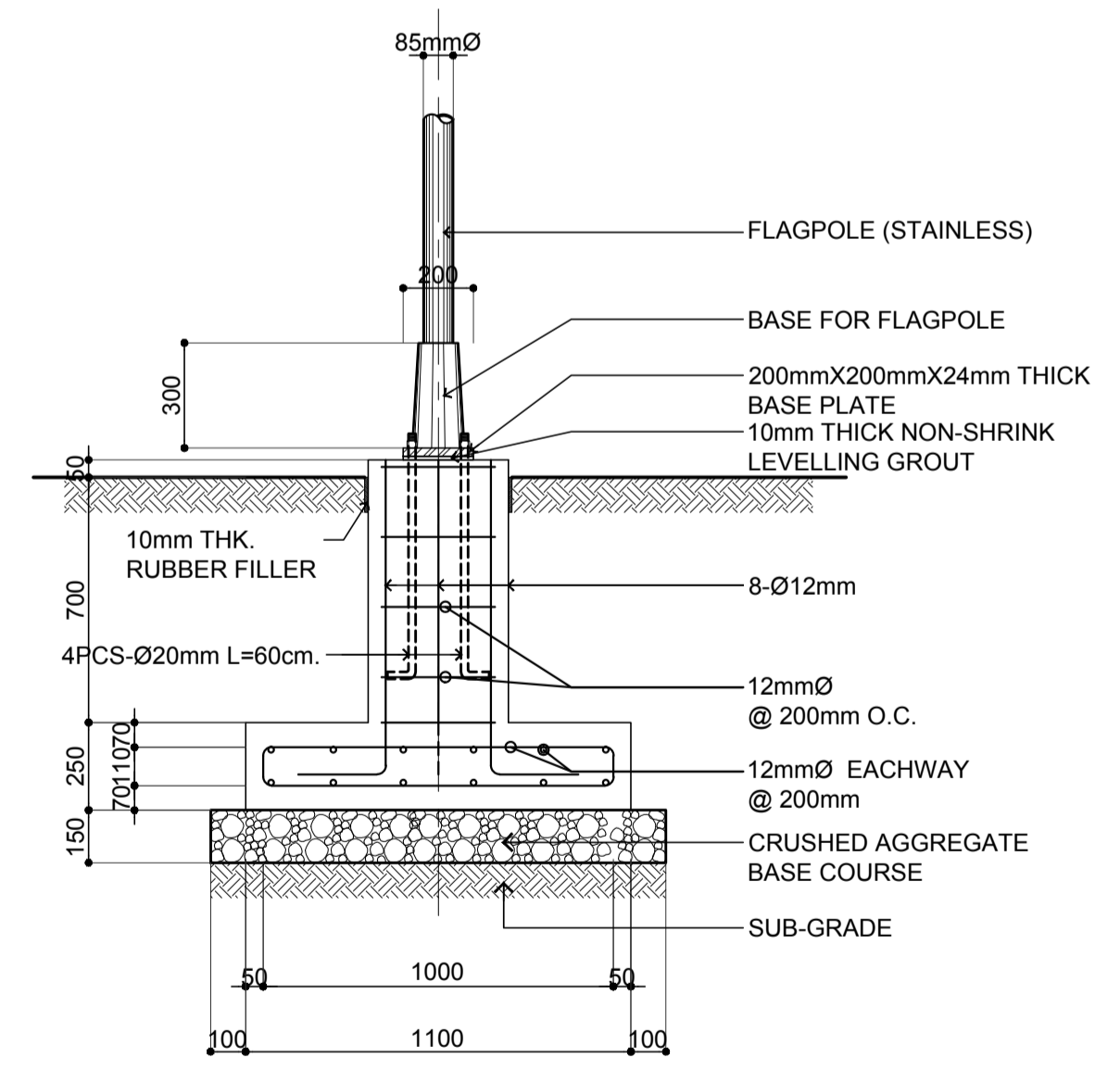
**PLAN**



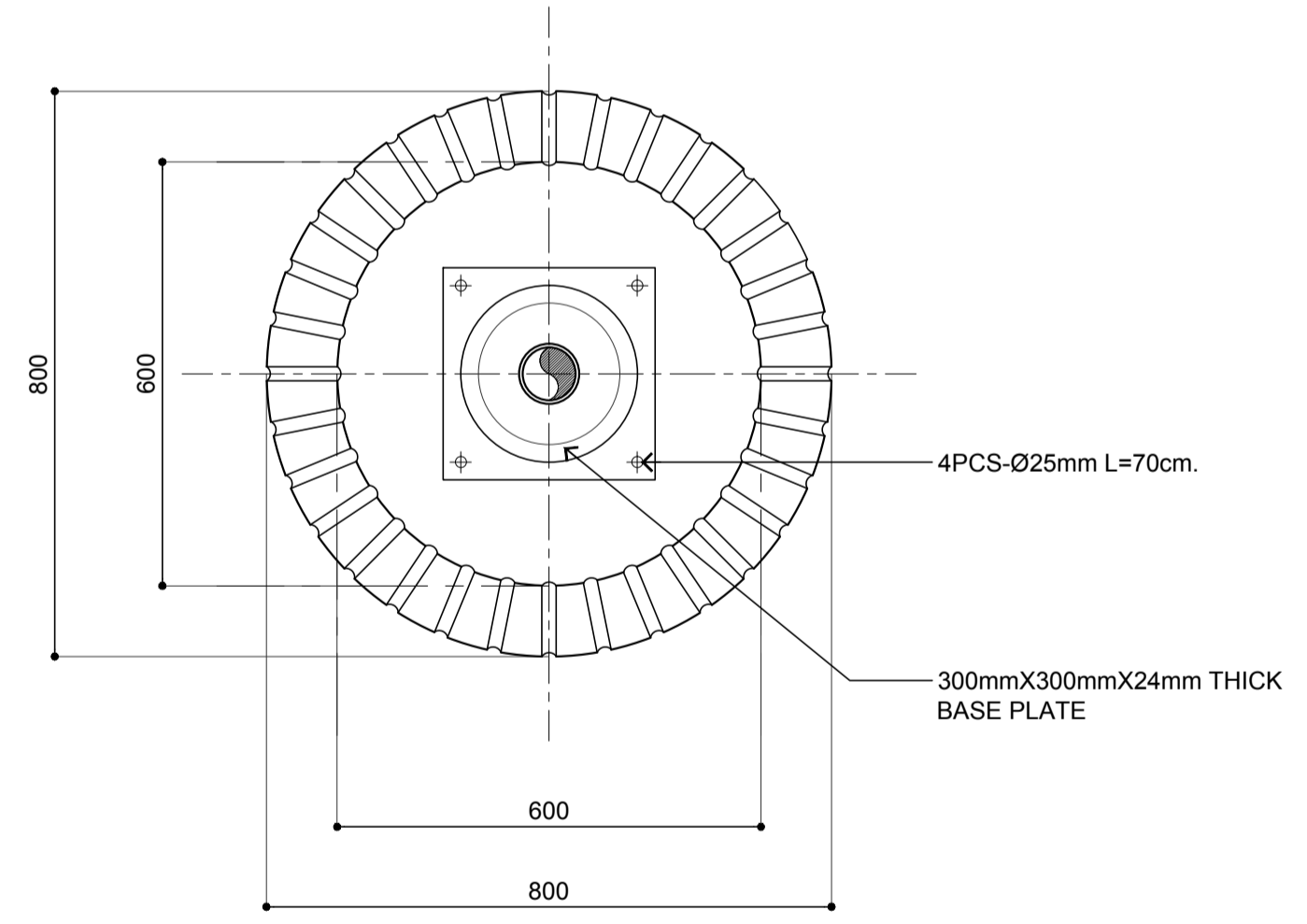
**ELEVATION**



**SECTION "A-A"**



**SECTION "A-A"**



**PLAN**

**A DETAIL**  
SCALE: 1:10 m.

**2 FLAGPOLE FOUNDATION PLAN & DETAILS (FOR 9M. HT)**  
SCALE: 1:20 m.

**2 FLAGPOLE FOUNDATION PLAN & DETAILS**  
SCALE: 1:20 m.

	PREPARED BY: <b>ERACIO T. PATDU</b> <small>PROF. CIVIL ENGINEER PIR. 3158241 REG. NO.: 34252 DATE: JULY 18, 2013 TEL. 199-699-5611 PLACE: CAGAYAN DE ORO CITY</small>	RECOMMENDING APPROVAL: <b>JILDEFONSO T. PATDU, JR.</b> <small>Assistant Secretary for Project Implementation, DOTC</small>	APPROVED: <b>JULIANITO G. BUCAYAN, JR.</b> <small>Undersecretary for Project Implementation, DOTC</small>	PROJECT TITLE: <b>NEW BOHOL AIRPORT CONSTRUCTION AND SUSTAINABLE ENVIRONMENT PROTECTION PROJECT</b>	LOCATION: MUNICIPALITY OF PANGLAO, PROVINCE OF BOHOL, PHILIPPINES	SHEET CONTENTS: COMPONENT-2 CIVIL WORKS (C) SUBCOMPONENT-2-2 AIRPORT INFRASTRUCTURE MISCELLANEOUS WORKS FLAGPOLE LAYOUT PLAN AND FOUNDATION DETAIL	SHEET NO: <b>C2-2400-17</b>
	JICA DESIGN CONSULTANT JOINT VENTURE <b>JAC</b> JAPAN AIRPORT CONSULTANTS, INC. <b>NIPPON KOEI CO., LTD.</b> <b>NIS CONSULTANTS CO., LTD.</b>	TADASHI AOI <small>Team Leader</small>	JILDEFONSO T. PATDU, JR. <small>Assistant Secretary for Project Implementation, DOTC</small>	JULIANITO G. BUCAYAN, JR. <small>Undersecretary for Project Implementation, DOTC</small>	DATE: JUNE 2013 INDEX: _____ AMENDMENTS: _____ Prepared by: WIM Checked by: HC Validated by: _____	DRAWING SCALE: AS SHOWN	