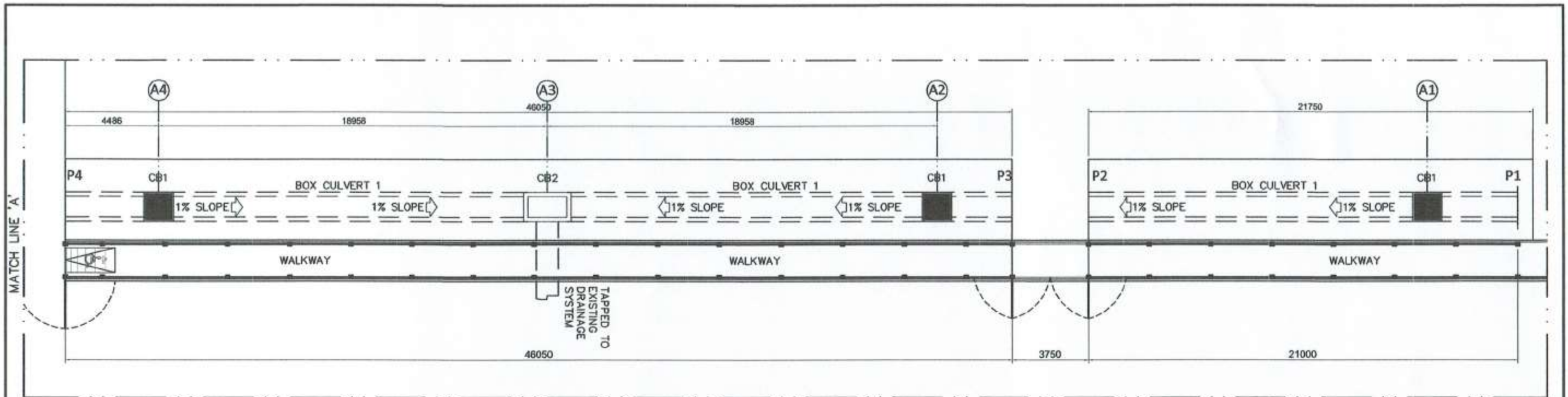
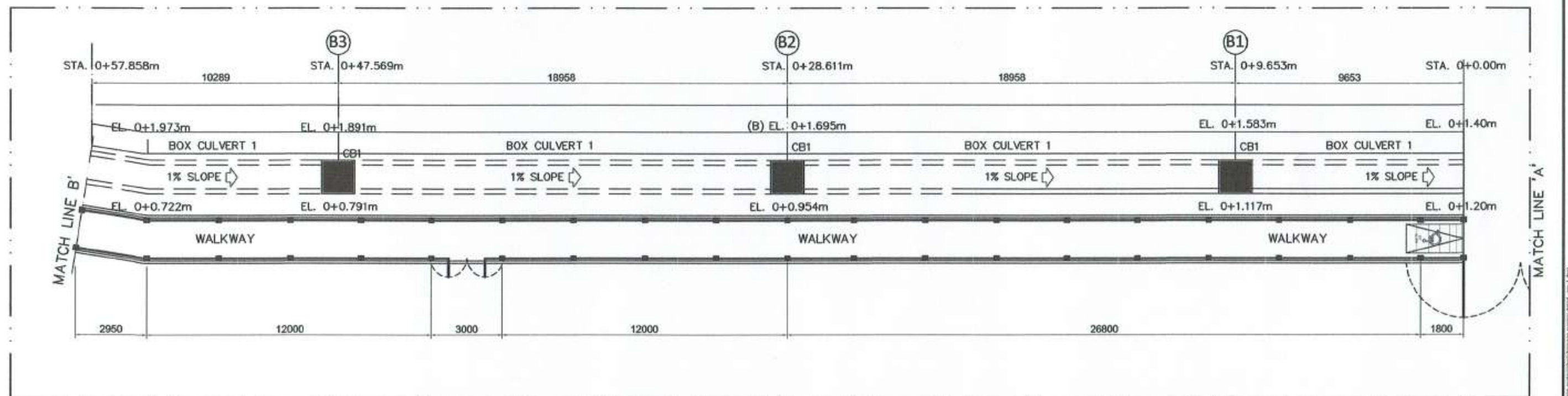


	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	JOE CARLO I. SORIANO ENGINEERING ASSISTANT (J.O.)	CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER A	JAMESON L. LEE ESD MANAGER	ATTY. CESAR M. DATIYA ACTING PORT MANAGER	1. LOCATION PLAN	1/9

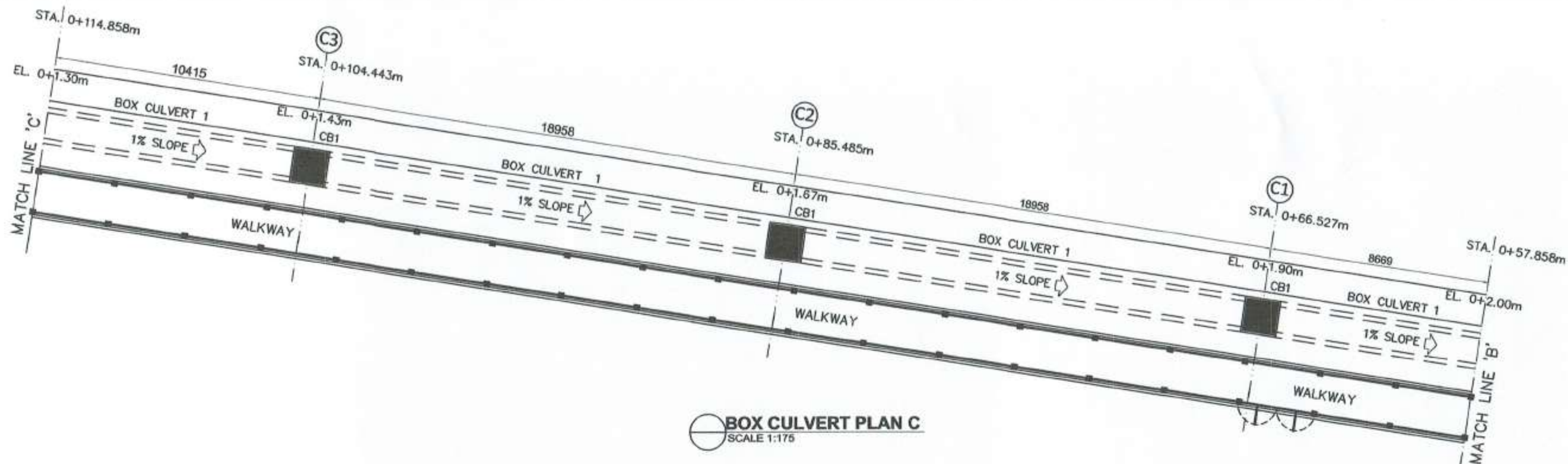


BOX CULVERT PLAN A
SCALE 1:200

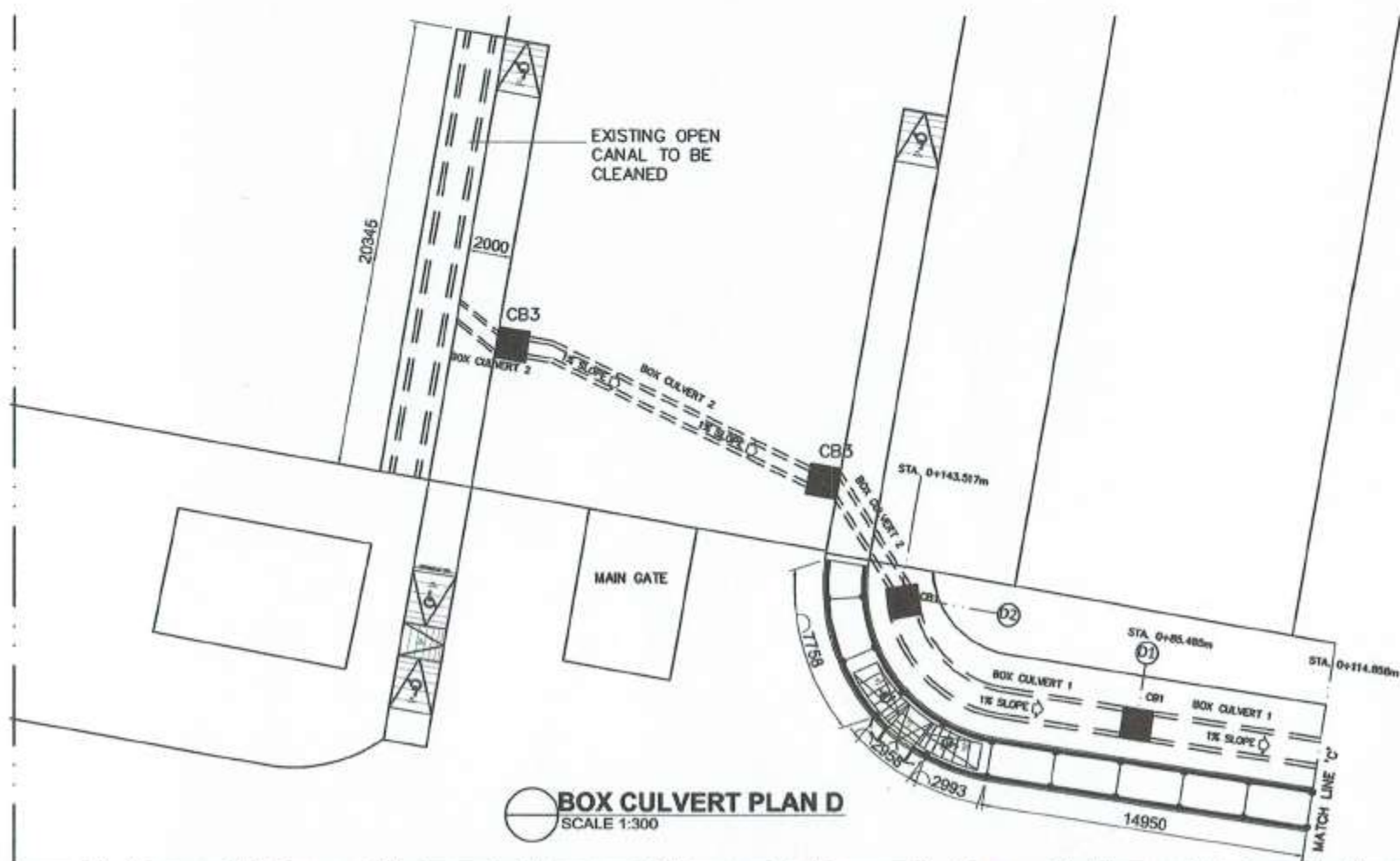


BOX CULVERT PLAN B
SCALE 1:175


	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE: 4/20/2016
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	 JOE CARLO I. SORIANO ENGINEERING ASSISTANT (J.O.)	 CHARMATINE DJUNE L. MANTOYA SENIOR ENGINEER A	 MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER A	 JAMESON A. LEE ESD MANAGER	 ATTY. CESAR M. DATAYA ACTING PORT MANAGER	1. BOX CULVERT PLAN A 2. BOX CULVERT PLAN B	2/9

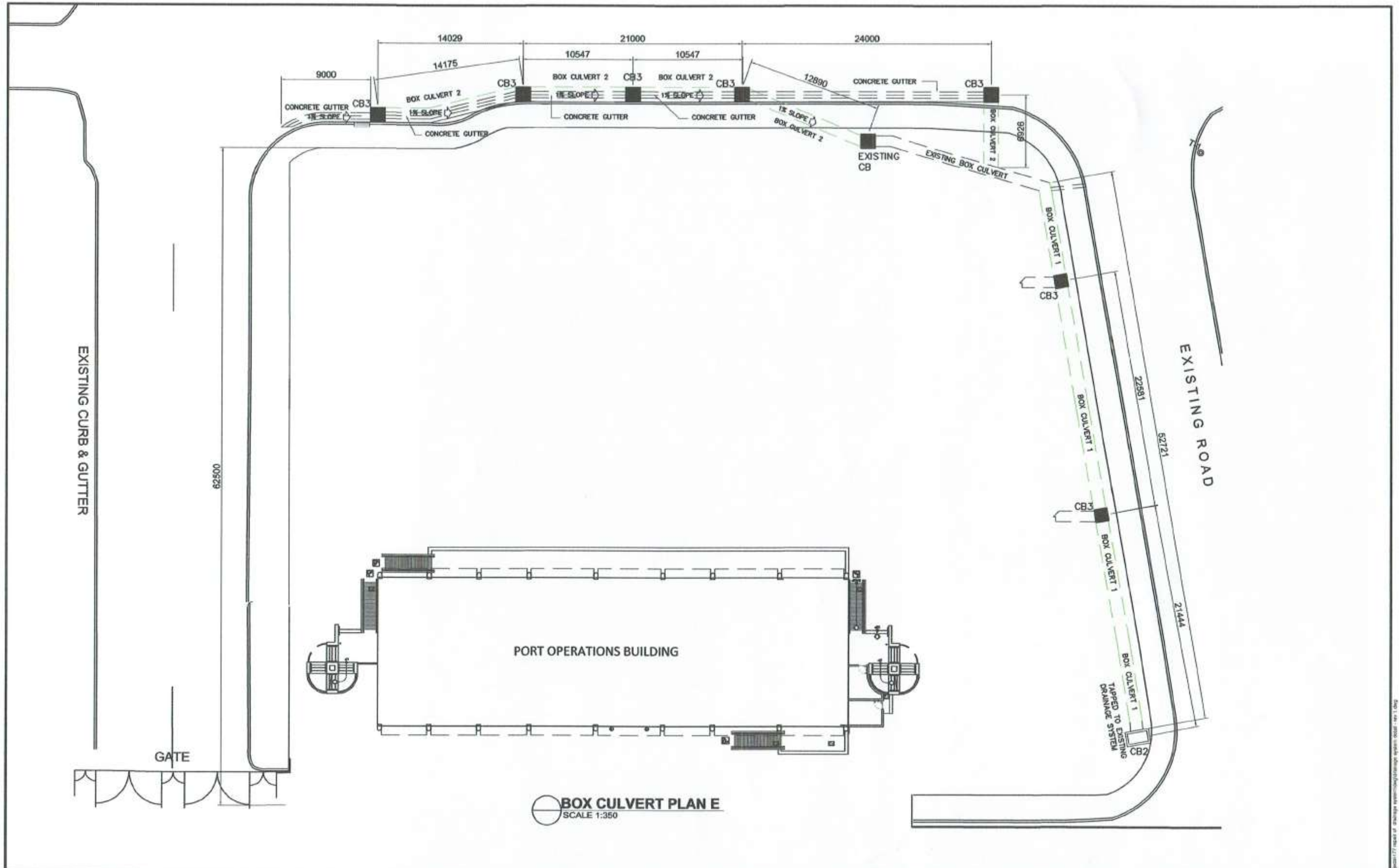








BOX CULVERT PLAN C
SCALE 1:175

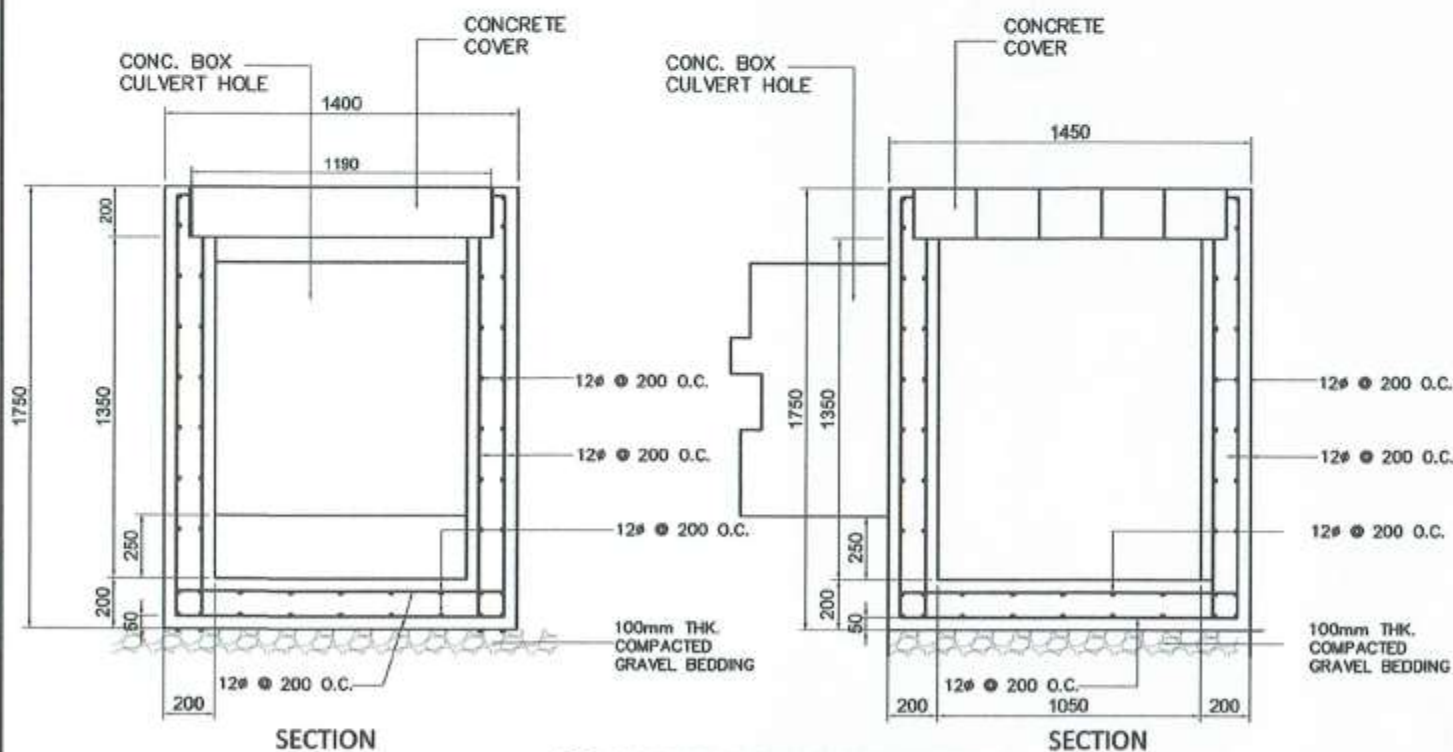
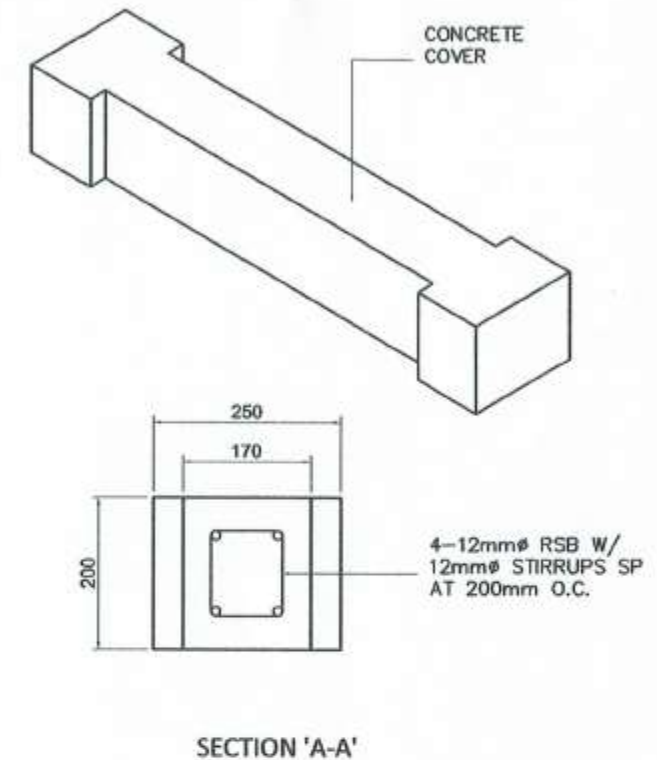
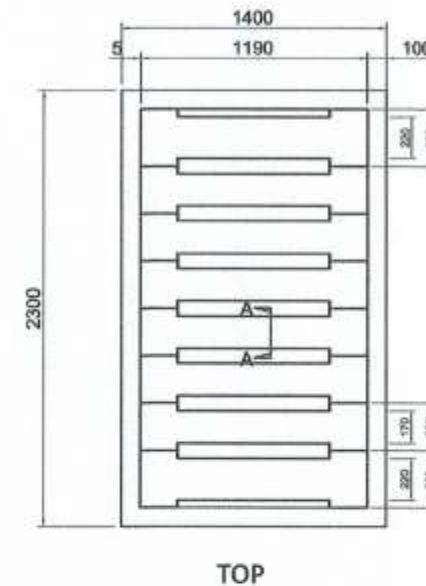
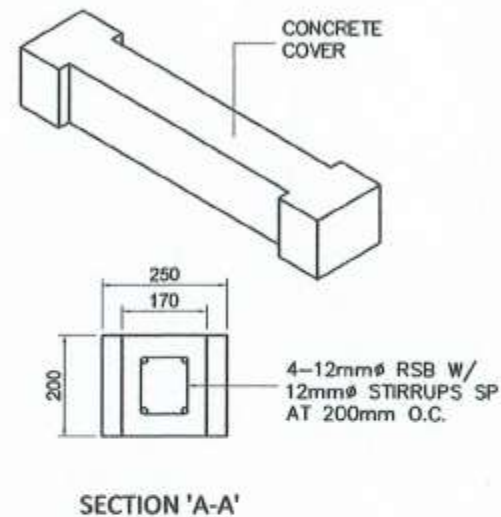
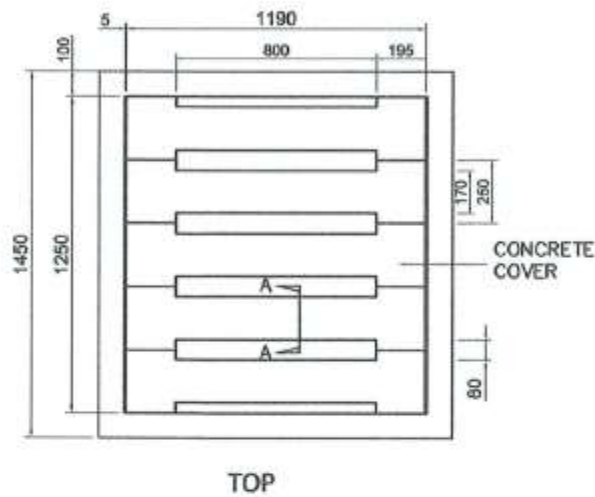


BOX CULVERT PLAN D
SCALE 1:300

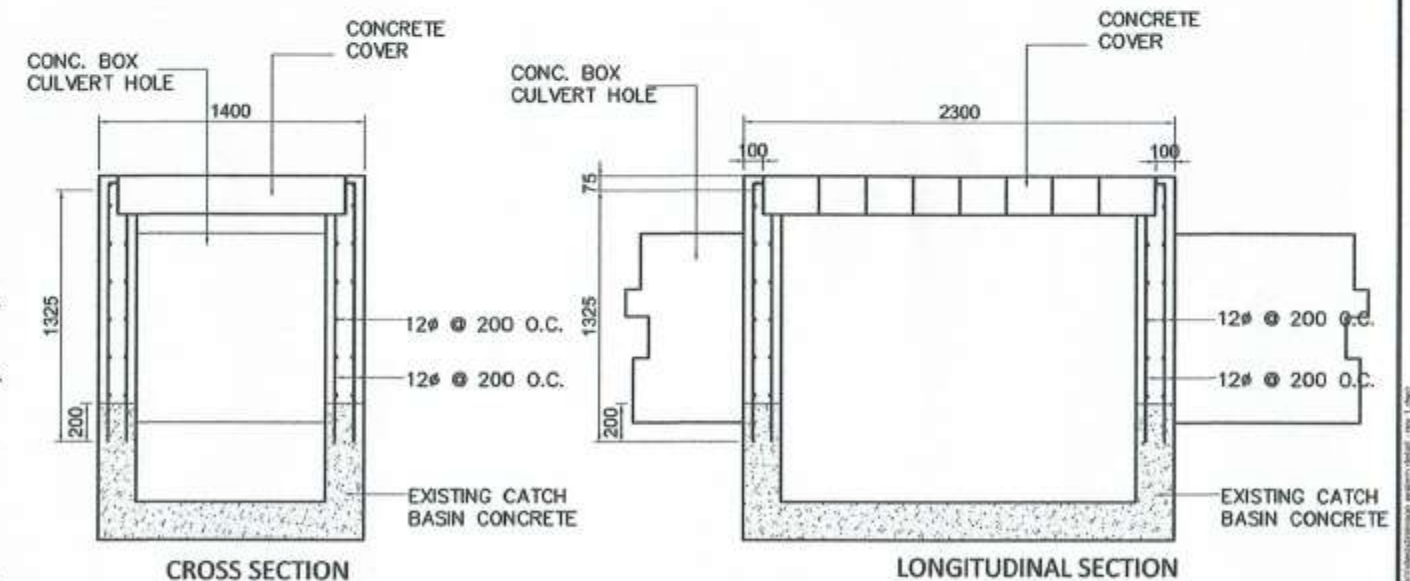
	PROJECT TITLE	PREPARED BY	CHECKED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT:	DATE: 4/20/2018
	LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	JOECARLO I. SORIANO ENGINEERING ASSISTANT (A/O)	CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	MARIA VIVIEN M. TANGO ACTING PRINCIPAL ENGINEER A	JAMESON L. LEE ESD MANAGER	ATTY. CESAR M. DATIYA ACTING PORT MANAGER	1. BOX CULVERT PLAN C 2. BOX CULVERT PLAN D	3/9



	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	 JOE CARLO I. SORIANO ENGINEERING ASSISTANT (JIC)	 CHARMINE JUNE L. MANTOZA SENIOR ENGINEER A	 MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER A	 JAMESON L. LEE ESD MANAGER	 ATTY. CESAR M. DATAYA ACTING PORT MANAGER	1. BOX CULVERT PLAN E	4/9

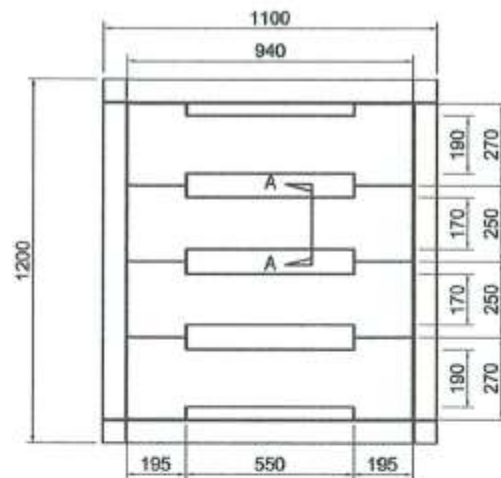


CATCH BASIN (CB1) DETAIL
SCALE 1:30

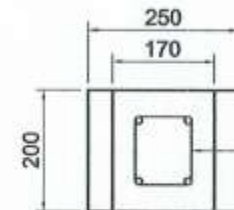
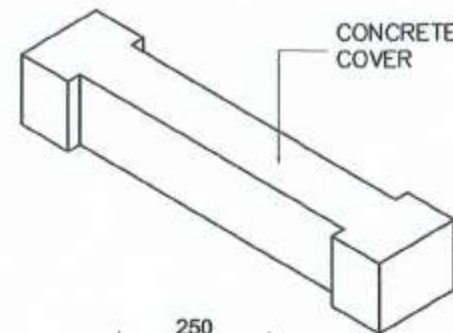


CATCH BASIN (CB2) DETAIL
SCALE 1:40

	PROJECT TITLE	PREPARED BY	CHECKED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT						1. CATCH BASIN PLAN DETAIL 2. CATCH BASIN SECTION DETAIL	
	LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	JOBCARLO I. SORIANO ENGINEERING ASSISTANT (J.O.)	CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER	JAMESON L. LEE ESD MANAGER	ATTY. CESAR M. DATUYA ACTING PORT MANAGER		5/9

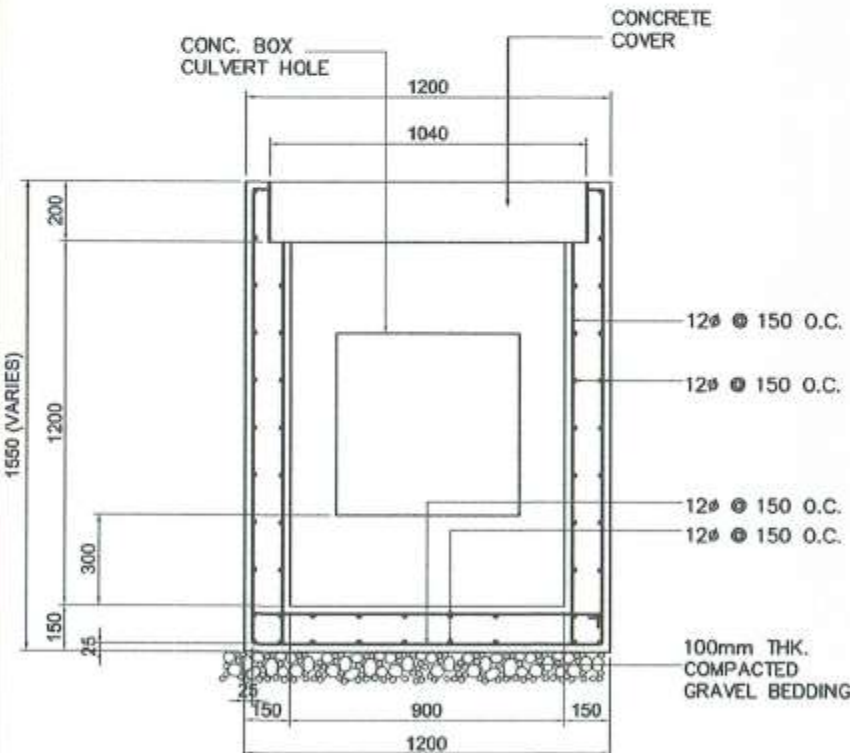


TOP

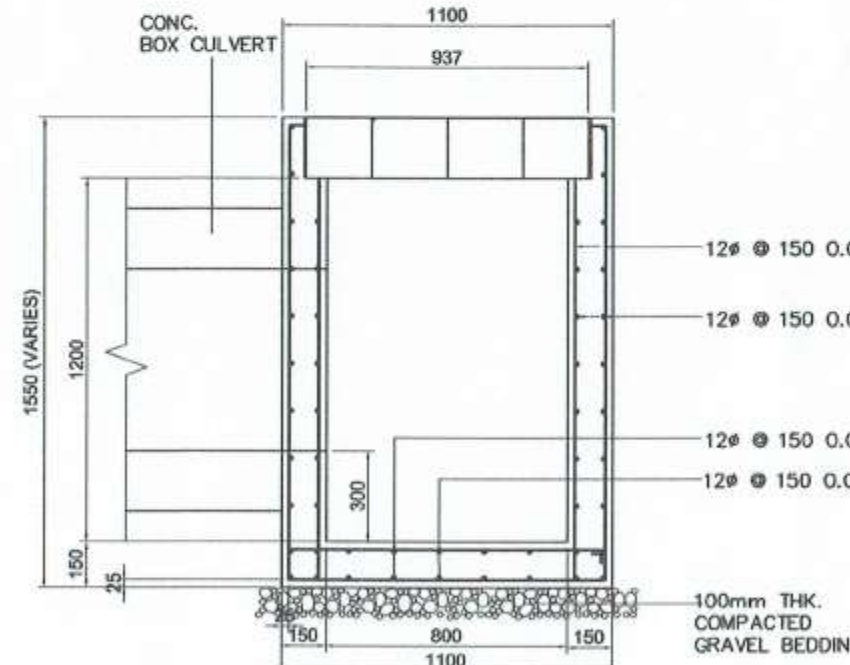


SECTION 'A-A'

4-12mmØ RSB W/
12mmØ STIRRUPS SP
AT 200mm O.C.

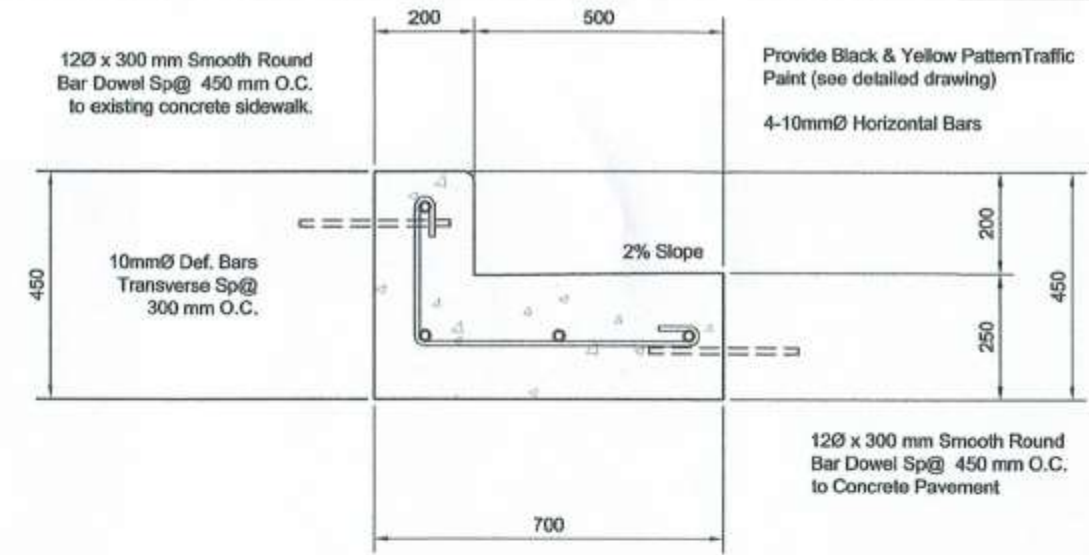


SECTION



SECTION

CATCH BASIN (CB3) DETAIL
SCALE 1:25



CURB AND GUTTER DETAIL
SCALE 1:15 METERS

Project: REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT

Location: Port of General Santos, General Santos City

Cost: Php (contract amount)

Fund Source/s: Corporate Funds

IMPLEMENTING AGENCY: PHILIPPINE PORTS AUTHORITY - PORT MANAGEMENT OF SOCGARGEN
CONTRACTOR: (NAME OF THE WINNING BIDDER)
BRIEF DESCRIPTION OF PROJECT: Repair of Damaged Paving Blocks

PROJECT DATE			PROJECT STATUS				REMARKS
DURATION	STARTED	TARGET DATE OF COMPLETION	PERCENTAGE OF COMPLETION	AS OF (DATE)	COST INCURRED TO DATE	DATE COMPLETED	

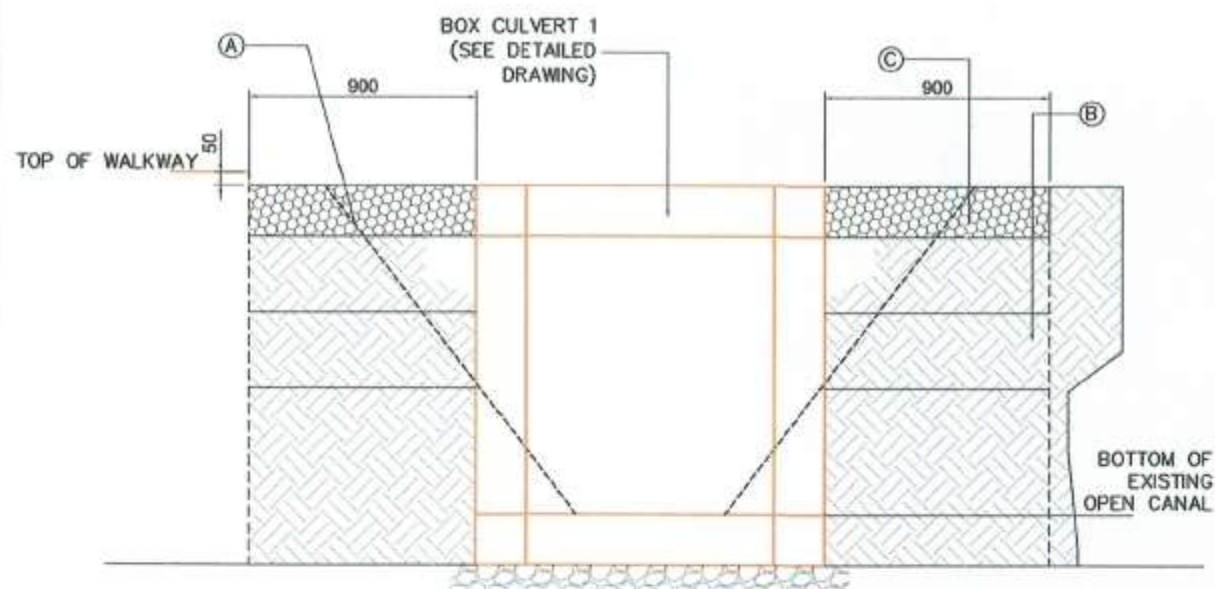
FOR PARTICULARS OR COMPLAINTS ABOVE THIS PROJECT, PLEASE CONTACT THE REGIONAL OFFICE OR CLUSTER WHICH HAS ADJUT JURISDICTION ON THIS PROJECT.

COA REGIONAL OFFICE NO. CLUSTER: _____
ADDRESS: _____
CONTACT NO.: _____ OR TEXT COA CITIZENS DESK AT 9915-538-1975

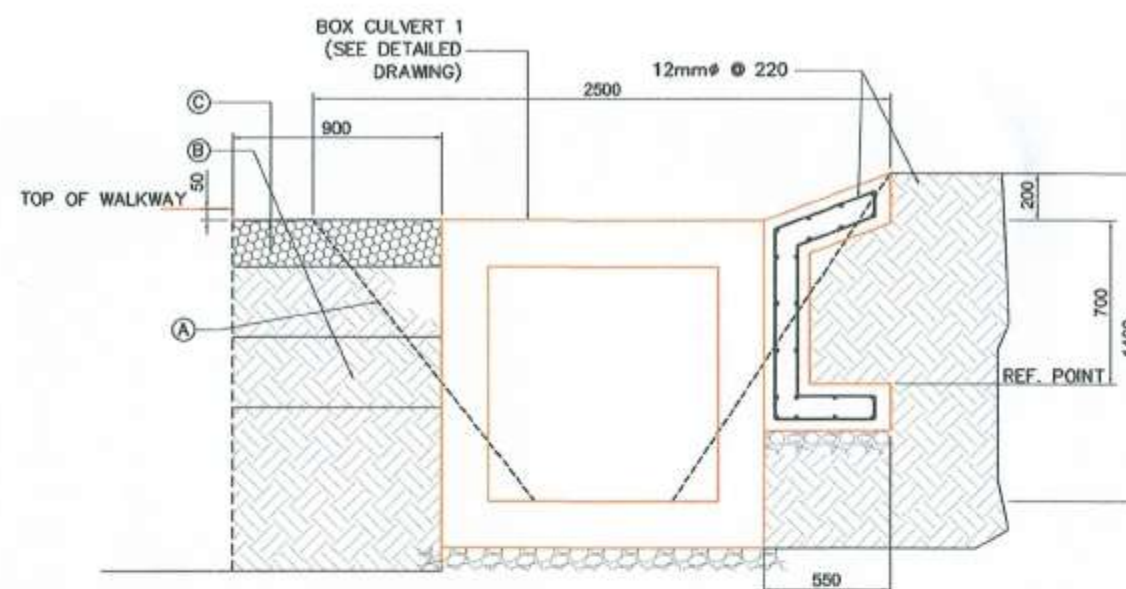
NOTE: TARPULIN WHITE 8 FEET BY 8 FEET. RESOLUTION: 70 dpi. FONT: HELVETICA. FONT SIZE: MAIN INFORMATION - 3", SUB-INFORMATION - 1". FONT COLOR: BLACK. (BASE ON COA CIRCULAR NO. 2013-004 DATED JANUARY 30, 2013. "INFORMATION AND PUBLICITY ON PROGRAMS / PROJECTS / ACTIVITIES OF GOVERNMENT AGENCIES".

COA STANDARD BILLBOARD DESIGN
SCALE 1:25

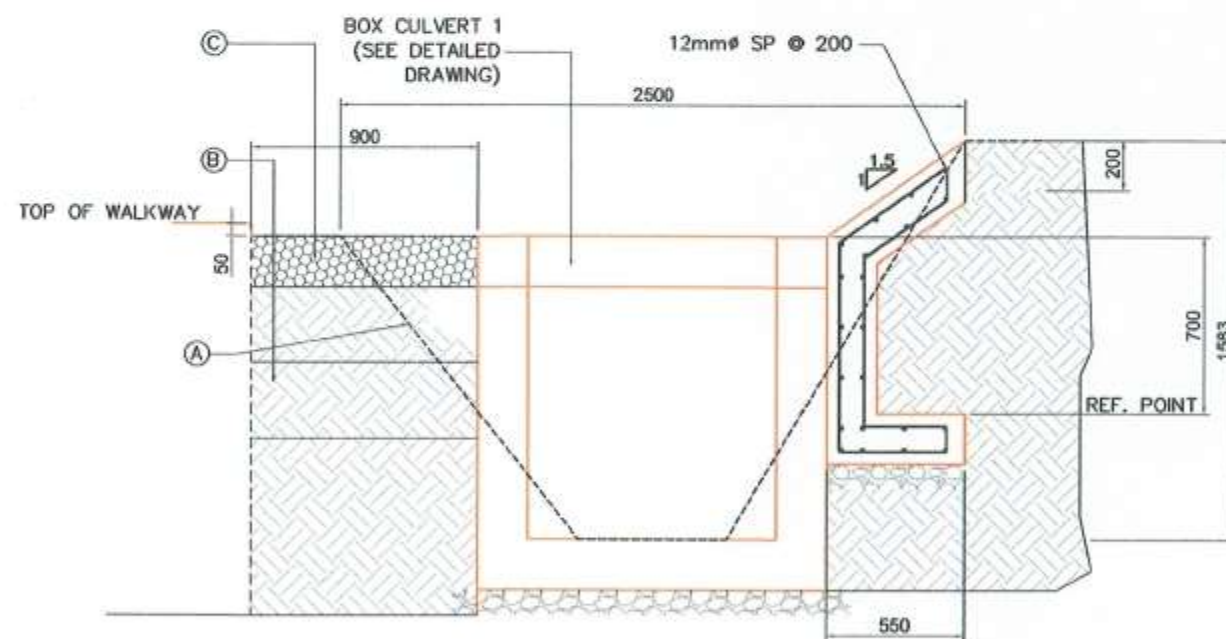
	PROJECT TITLE	PREPARED BY	CHECKED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT	 JOE CARLO I. SORIANO ENGINEERING ASSISTANT (J.O.)	 CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	 MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER A	 JAMESON L. LEE EST. MANAGER	 ATTY. CESAR M. DATAYA ACTING PORT MANAGER	1. CATCH BASIN PLAN DETAIL	6/9
	LOCATION						2. CATCH BASIN SECTION DETAIL	
	PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY						3. COA STANDARD BILLBOARD DESIGN	
							4. CURB AND GUTTER DETAIL	



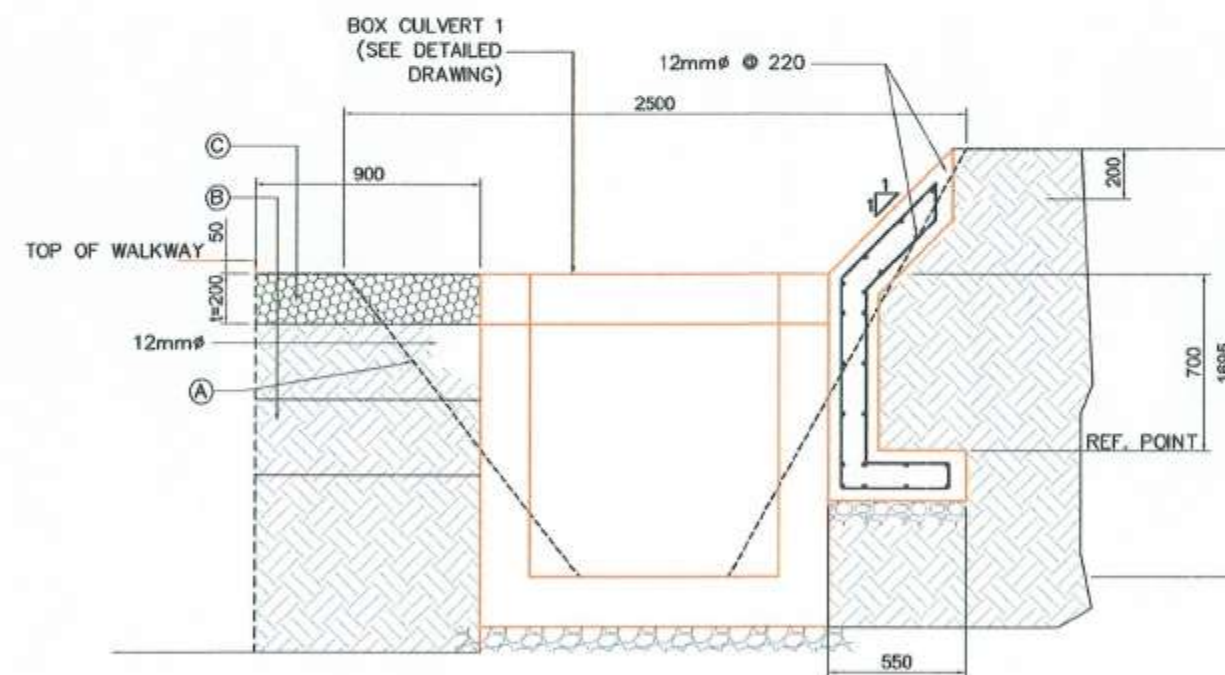
BOX CULVERT SECTION DETAIL (P1-P2 AND P3-P4)
SCALE 1:30



BOX CULVERT SECTION DETAIL @ STA. 0+000
SCALE 1:30



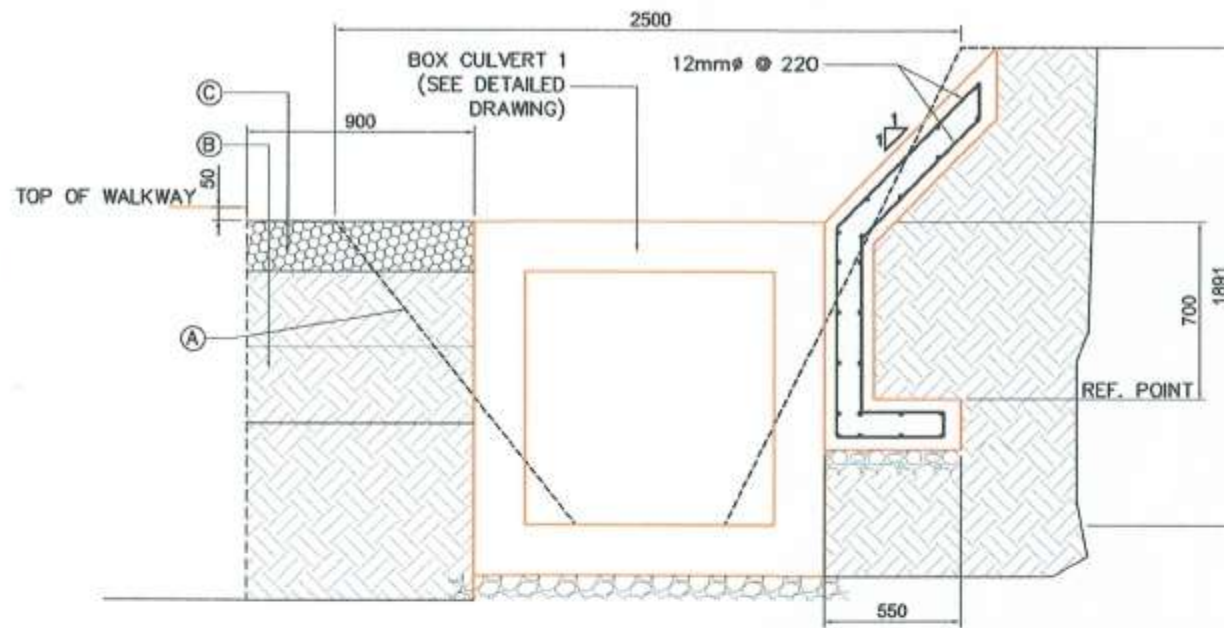
BOX CULVERT SECTION DETAIL @ STA. 0+9.653
SCALE 1:30



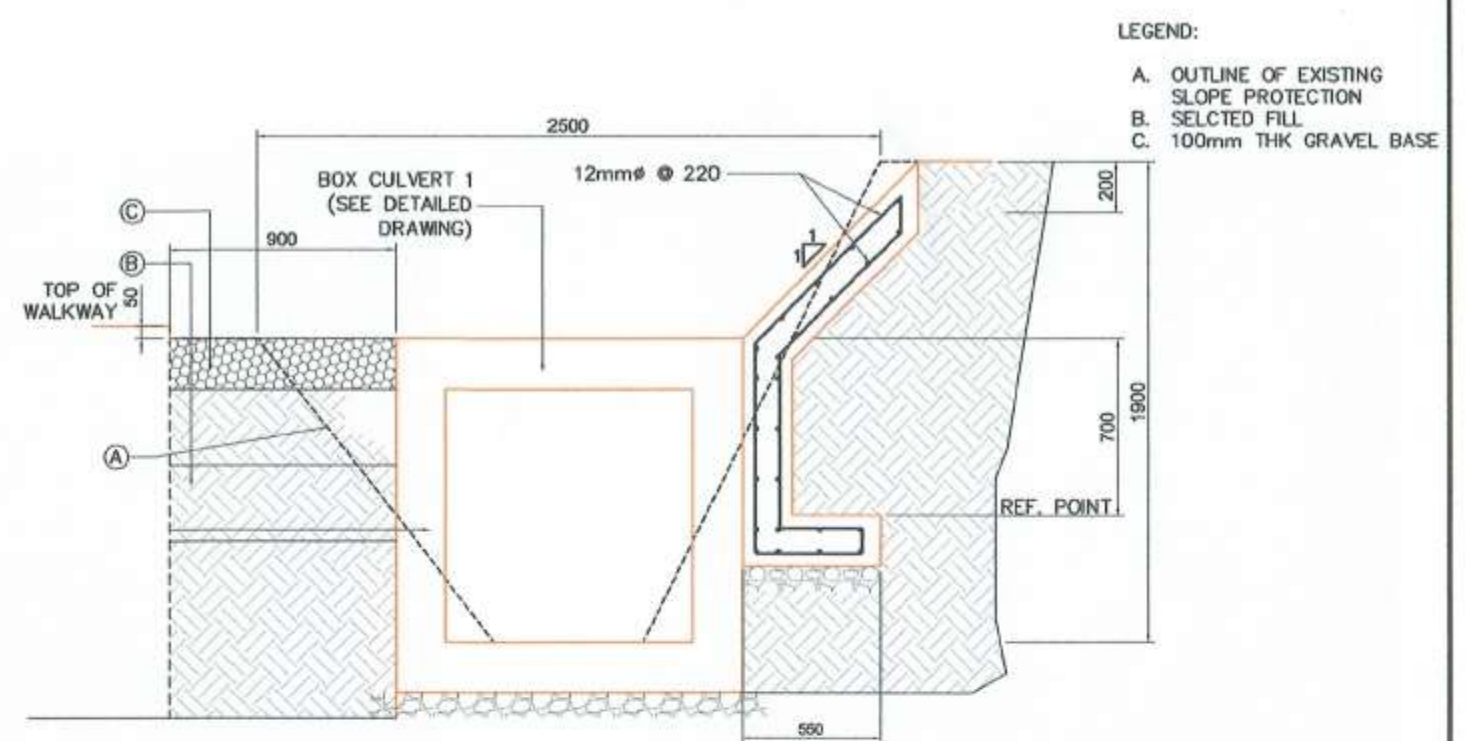
BOX CULVERT SECTION DETAIL @ STA. 0+28.611
SCALE 1:30

LEGEND:
A. OUTLINE OF EXISTING
SLOPE PROTECTION
B. SELECTED FILL
C. 100mm THK GRAVEL BASE

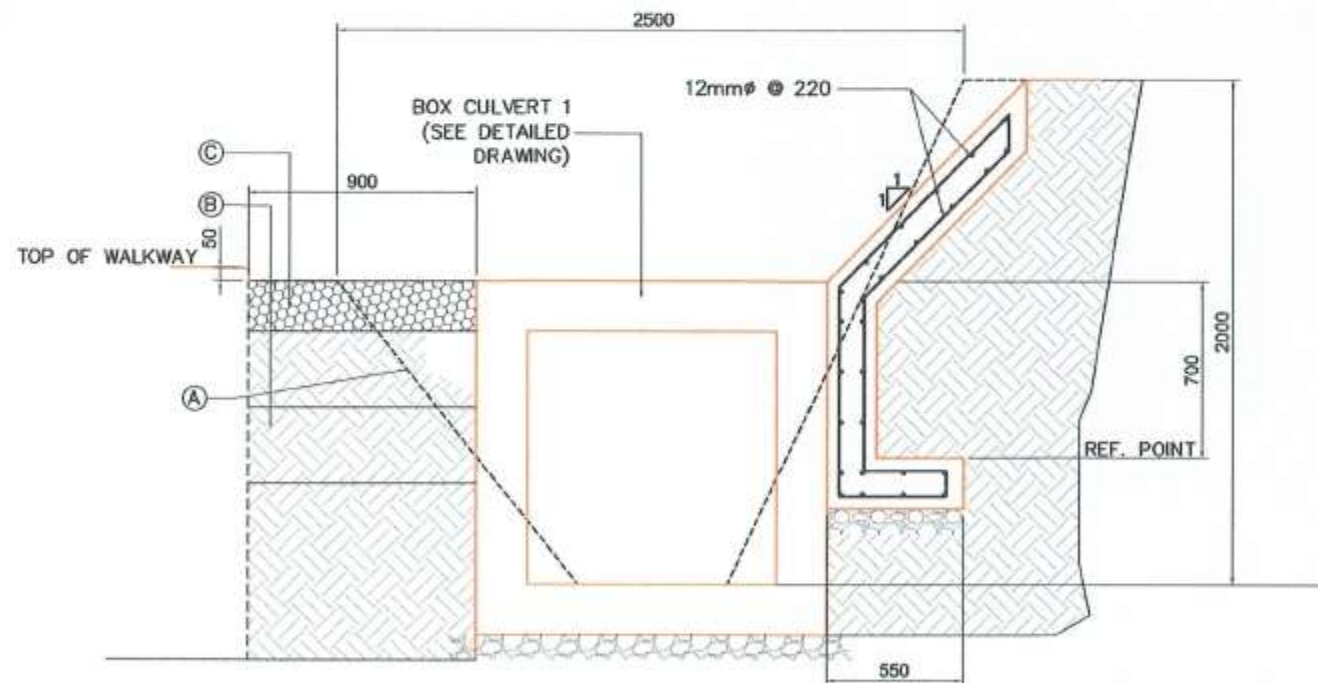
	PROJECT TITLE	PREPARED BY	CHECKED BY	REVIEWED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	JOECARLO T. SORIANO ENGINEERING ASSISTANT (JIC)	CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	MARIA VIVIAN M. TANGO ACTING PRINCIPAL ENGINEER	JAMESON L. LEE ESD MANAGER	ATTY. CESAR M. DATIYA ACTING PORT MANAGER	1. BOX CULVERT SECTION DETAIL	7/9



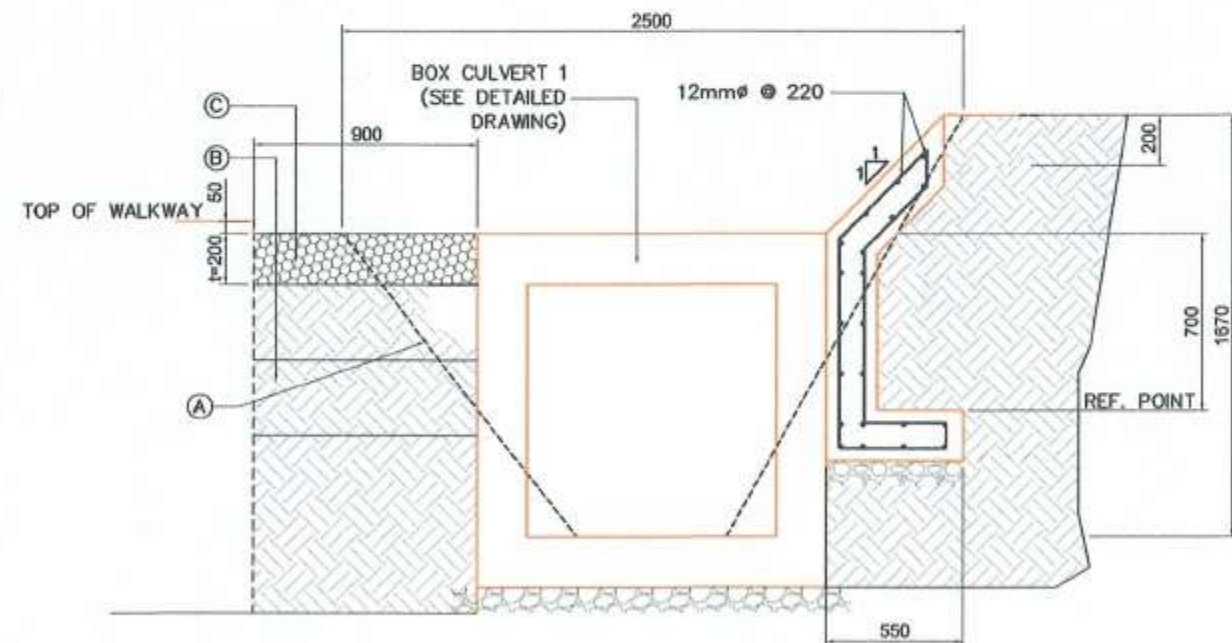
BOX CULVERT SECTION DETAIL @ STA. 0+47.569
SCALE 1:30



BOX CULVERT SECTION DETAIL @ STA. 0+66.527 TO 0+114.858
SCALE 1:30









BOX CULVERT SECTION DETAIL @ STA. 0+57.858
SCALE 1:30



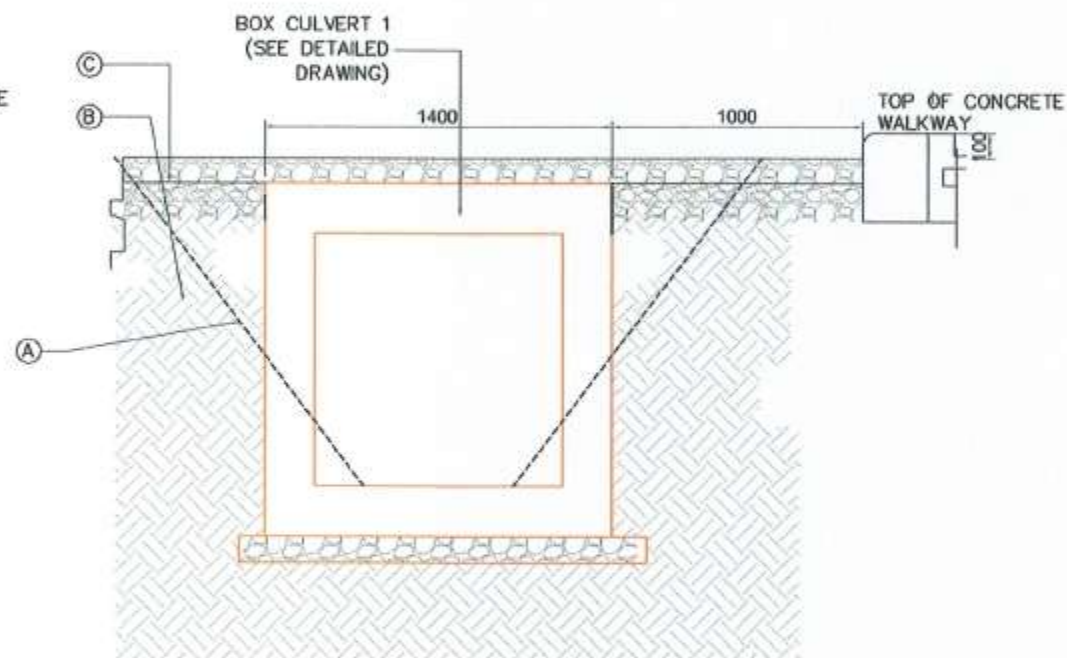
BOX CULVERT DETAIL @ STA. 0+114.858 TO 0+143.517
SCALE 1:30

- LEGEND:**
- A. OUTLINE OF EXISTING SLOPE PROTECTION
 - B. SELECTED FILL
 - C. 100mm THK GRAVEL BASE

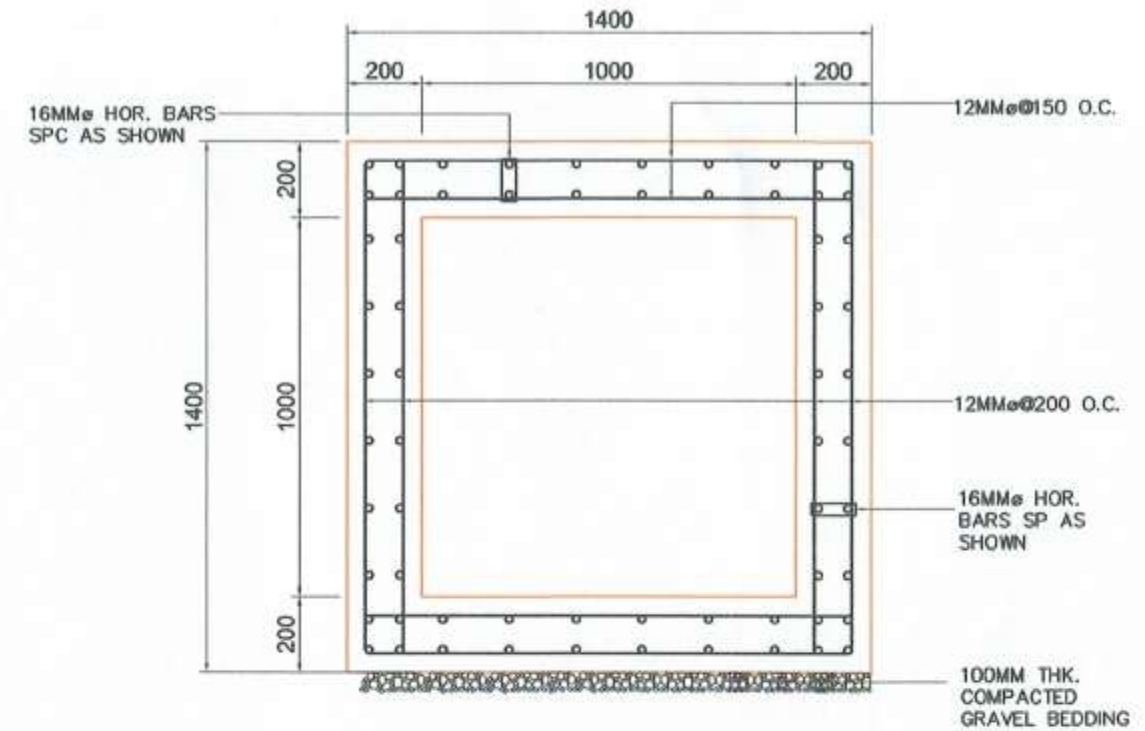
	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	 JOE CARLO I. SORIANO ENGINEERING ASSISTANT (JO)	 CHARMAINE DJUNE L. MANTOYA SENIOR ENGINEER A	 MARIA VIVIE M. TANCO ACTING PRINCIPAL ENGINEER A	 JAMESON L. LEE ESD MANAGER	 ATTY. CESAR M. DATAYA ACTING PORT MANAGER	1. BOX CULVERT SECTION DETAIL	8/9

LEGEND:

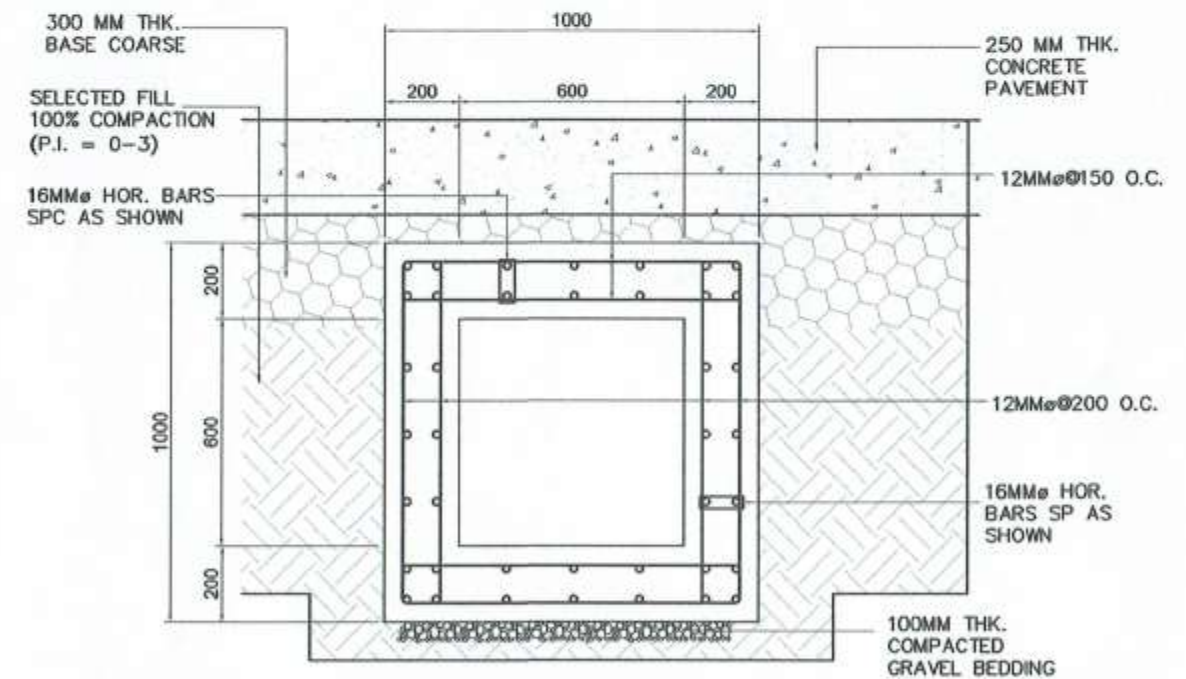
- A. OUTLINE OF EXISTING SLOPE PROTECTION
- B. SELECTED FILL
- C. 100mm THK GRAVEL BASE





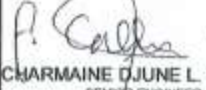



BOX CULVERT SECTION DETAIL AT POB AREA
SCALE 1:30



BOX CULVERT 1 SECTION DETAIL
SCALE 1:20



BOX CULVERT 2 SECTION DETAIL
SCALE 1:20

	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT:	DATE: 4/20/2018
	REPAIR OF DRAINAGE SYSTEM TO PROVIDE BOX CULVERT LOCATION PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	 JOE CARLO I. SORIANO ENGINEERING ASSISTANT (J.O.)	 CHARMINE JUNE L. MANTOYA SENIOR ENGINEER A	 MARIA VIVIEN M. TANCO ACTING PRINCIPAL ENGINEER A	 JAMESON L. LEE EDC MANAGER	 ATTY. CESAR M. DATUYA ACTING PORT MANAGER	1. BOX CULVERT SSECTION DETAIL	9/9