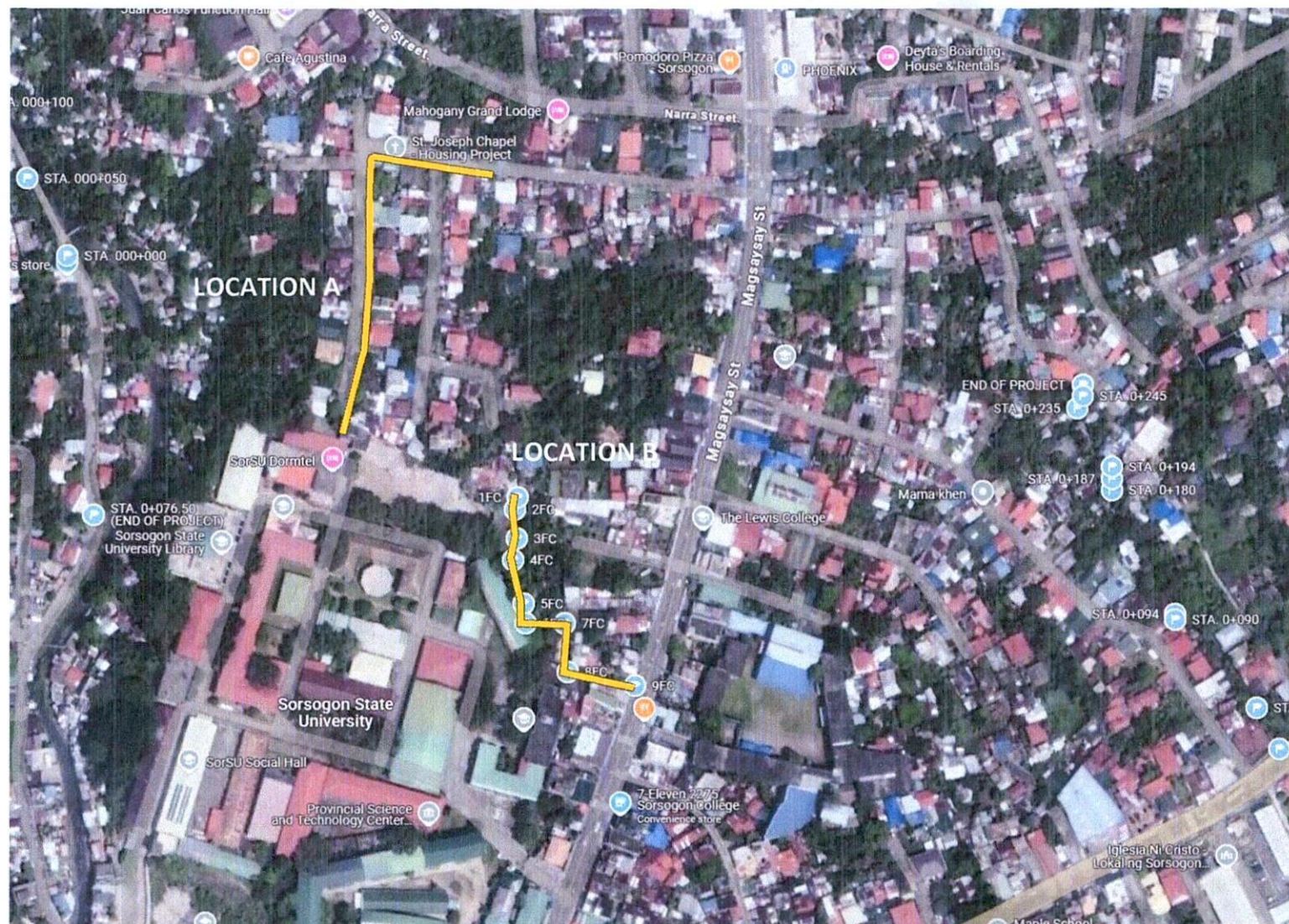




VICINITY MAP
N T S



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

LOCATION: Brgy. Bibincan, East District, Sorsogon City

CADD BY:

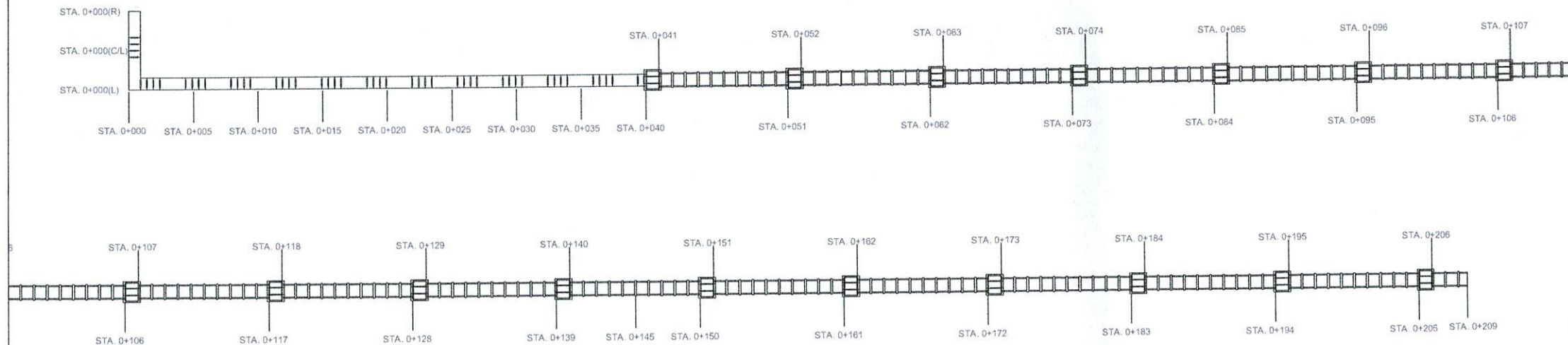
jvsaguindel, CE
engineer IV

CHECKED & NOTED BY:

ROEL D. DOMERCE/RMP
CITY ENGINEER

APPROVED BY:

Hon. MA. ESTER E. HAMOR
CITY MAYOR



LOCATION A: DRAINAGE PLAN
SCALE 1:398 MTRS



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:	CADD BY:	RECOMMENDING APPROVAL :	APPROVED BY:
CONSTRUCTION OF FLOOD CONTROL			
LOCATION: Brgy. Bibinchan, East District, Sorsogon City	jvsaguindel, CE engineer IV	ROEL D. DOMER, CE/RMP CITY ENGINEER	Hon. MA. ESTER E. HAMOR CITY MAYOR

TOP OF P.C.C.P.

	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 0.90m
STA. 0+000 (R)	STA. 0+000 (L)	STA. 0+005	STA. 0+010	STA. 0+015	STA. 0+020	STA. 0+025
TOP OF ROAD ELEVATION, m	15.00	15.00	15.065	15.095	15.140	15.197
PROP. INVERT ELEVATION, m	14.400	14.375	14.350	14.325	14.300	14.275
DEPTH OF EXCAVATION, m	0.725	0.750	0.840	0.895	0.965	1.047
AREA, sq.m.	0.6525	0.6750	0.7560	0.8055	0.8685	0.9423
VOLUME OF EXCAVATION, cu.m.	3.319	3.577	3.904	4.185	4.527	5.011

TOP OF P.C.C.P.

	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 0.90m	Width of Excav. = 1.35m	Width of Excav. = 1.35m
STA. 0+025	STA. 0+030	STA. 0+035	STA. 0+040	STA. 0+041	STA. 0+051
TOP OF ROAD ELEVATION, m	15.305	15.390	15.408	15.440	15.448
PROP. INVERT ELEVATION, m	14.250	14.225	14.200	14.175	14.170
DEPTH OF EXCAVATION, m	1.180	1.290	1.333	1.390	1.699
AREA, sq.m.	1.0620	1.1610	1.1997	1.2510	2.080
VOLUME OF EXCAVATION, cu.m.	5.557	5.902	6.127	3.534	20.797

LOCATION A: DRAINAGE PROFILE



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

CADD BY:

LOCATION: Brgy. Bibincahan, East District, Sorsogon City

jvsaguindel, CE
engineer IV

RECOMMENDING APPROVAL :

ROEL B. DOMENGE/RMP
CITY ENGINEER

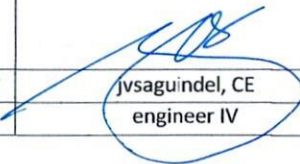
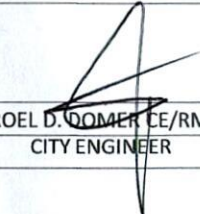
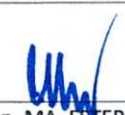
APPROVED BY:

Hon. MA. ESTER E. HAMOR
CITY MAYOR

TOP OF P.C.C.P.									
		Width of Excav. = 1.35m				Width of Excav. = 1.35m			
	STA. 0+052		STA. 0+062	STA. 0+063		STA. 0+073	STA. 0+074		
TOP OF ROAD ELEVATION, m	15.562		15.651	15.656		15.716	15.724		
PROP. INVERT ELEVATION, m	14.115		14.065	14.060		14.010	14.005		
DEPTH OF EXCAVATION, m	1.634		1.771	2.018	1.783	1.893	2.141	1.907	
AREA, sq.m.	2.2059		2.3909	2.080	2.4071	2.5555	2.080	2.5744	
VOLUME OF EXCAVATION, cu.m.		22.984		4.197	24.813		4.453		

TOP OF P.C.C.P.									
		Width of Excav. = 1.35m				Width of Excav. = 1.35m			
	STA. 0+074		STA. 0+084	STA. 0+085		STA. 0+095	STA. 0+096		
TOP OF ROAD ELEVATION, m	15.724		15.825	15.835		15.952	15.959		
PROP. INVERT ELEVATION, m	14.005		13.955	13.950		13.900	13.895		
DEPTH OF EXCAVATION, m	1.907		2.055	2.305	2.072	2.238	2.486	2.252	
AREA, sq.m.	2.5744		2.7742	2.080	2.7972	3.0213	2.080	3.0402	
VOLUME OF EXCAVATION, cu.m.		26.743		4.794	29.093		5.171		

LOCATION A: DRAINAGE PROFILE

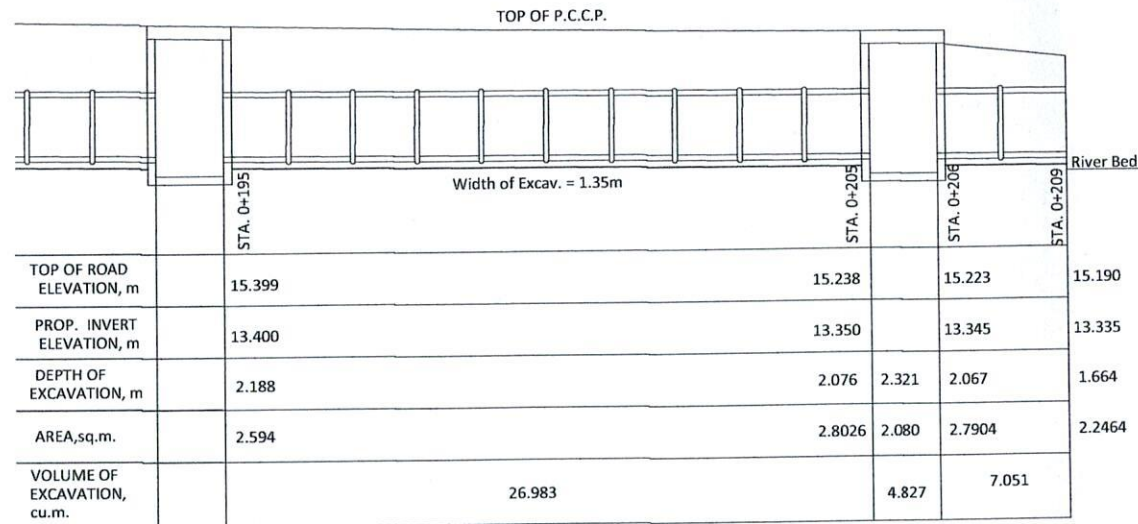
 CITY OF SORSOGON CITY ENGINEER'S OFFICE	PROJECT TITLE:	CADD BY:	RECOMMENDING APPROVAL :	APPROVED BY:
	CONSTRUCTION OF FLOOD CONTROL			
	LOCATION: Brgy. Bibincahan, East District, Sorsogon City	 jvsaguindel, CE engineer IV	 ROEL D. GOMER CE/RMP CITY ENGINEER	 Hon. MA. ESTER E. HAMOR CITY MAYOR

TOP OF P.C.C.P.							
	Width of Excav. = 1.35m			Width of Excav. = 1.35m			Width of Excav. = 1.35m
	STA. 0+096		STA. 0+106	STA. 0+107		STA. 0+117	STA. 0+118
TOP OF ROAD ELEVATION, m	15.959	15.998	16.009	16.051	16.055		
PROP. INVERT ELEVATION, m	13.895	13.845	13.840	13.790	13.785		
DEPTH OF EXCAVATION, m	2.252	2.339	2.589	2.356	2.447	2.694	2.458
AREA, sq.m.	3.0402	3.1576	2.080	3.1806	3.3034	2.080	3.3183
VOLUME OF EXCAVATION, cu.m.	30.989	5.385	32.420	5.603			

TOP OF P.C.C.P.							
	Width of Excav. = 1.35m			Width of Excav. = 1.35m			Width of Excav. = 1.35m
	STA. 0+118		STA. 0+128	STA. 0+129		STA. 0+139	STA. 0+140
TOP OF ROAD ELEVATION, m	16.055	16.110	16.113	16.175	16.178	16.186	
PROP. INVERT ELEVATION, m	13.785	13.735	13.730	13.680	13.675	13.650	
DEPTH OF EXCAVATION, m	2.458	2.562	2.808	2.571	2.682	2.928	2.691
AREA, sq.m.	3.3183	3.4587	2.080	3.4708	3.6207	2.080	3.633
VOLUME OF EXCAVATION, cu.m.	33.885	5.840	35.457	6.090	16.439		

LOCATION A: DRAINAGE PROFILE

 CITY OF SORSOGON CITY ENGINEER'S OFFICE	PROJECT TITLE:	CADD BY:	RECOMMENDING APPROVAL :	APPROVED BY:
	CONSTRUCTION OF FLOOD CONTROL			
	LOCATION: Brgy. Bibinchan, East District, Sorsogon City	jvsaguindel, CE engineer IV	ROEL D. DOMER CE/RMP CITY ENGINEER	Hon. MA. ESTER E. HAMOR CITY MAYOR



LOCATION A: DRAINAGE PROFILE SCALE 1:113 MTRS



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

LOCATION: Brgy. Bibinchan, East District, Sorsogon City

CADD BY:

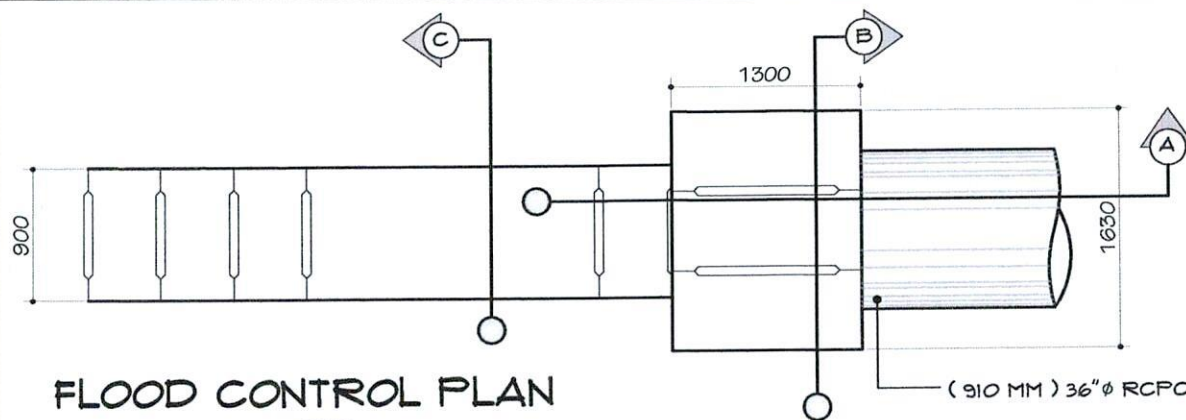
jvsaguindel, CE
engineer IV

RECOMMENDING APPROVAL :

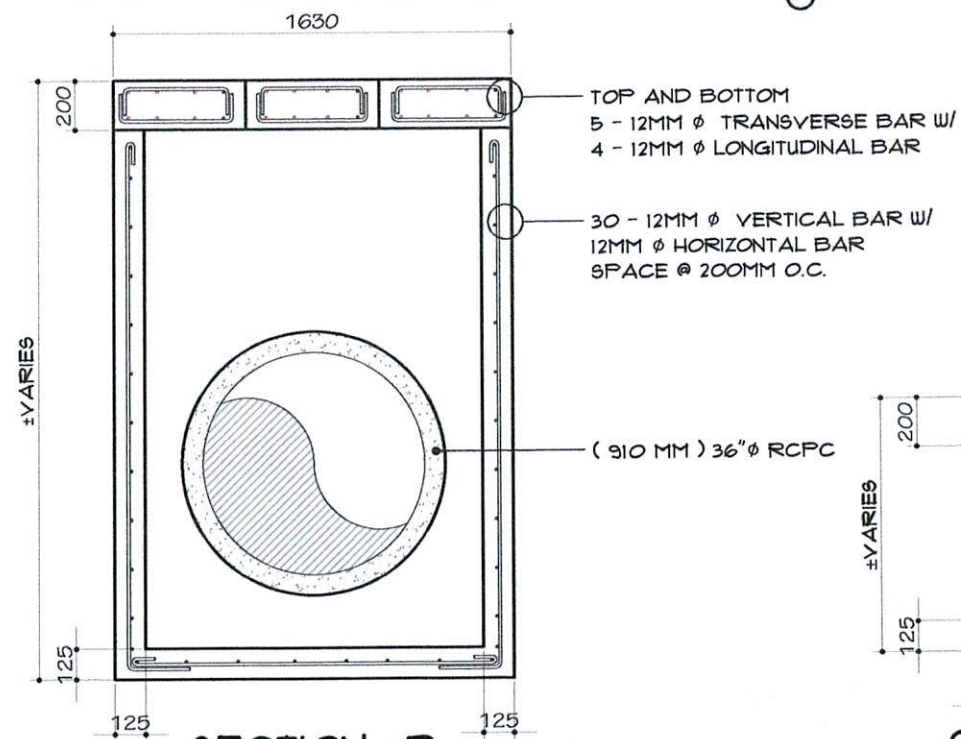
ROLD. DOMAR CE/RMP
CITY ENGINEER

APPROVED BY:

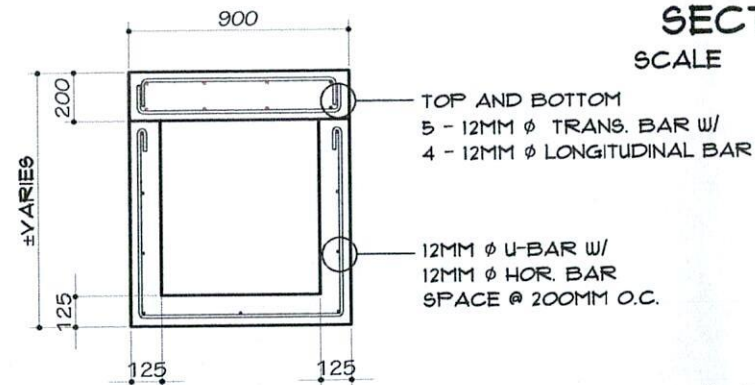
Hon. MA. ESTER E. HAMOR
CITY MAYOR



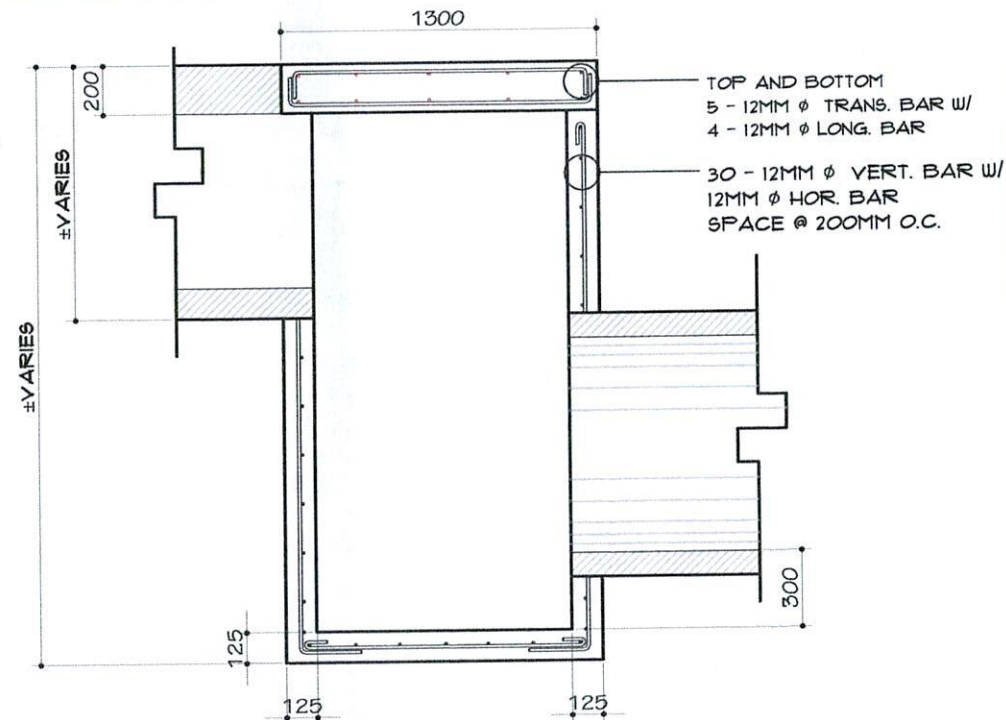
FLOOD CONTROL PLAN



SECTION -B
SCALE 1:30 MTRS



SECTION -C
SCALE 1:30 MTRS



SECTION -A
SCALE 1:30 MTRS

LOCATION A: SECTION DETAIL



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

LOCATION: Brgy. Bibinchan, East District, Sorsogon City

CADD BY:

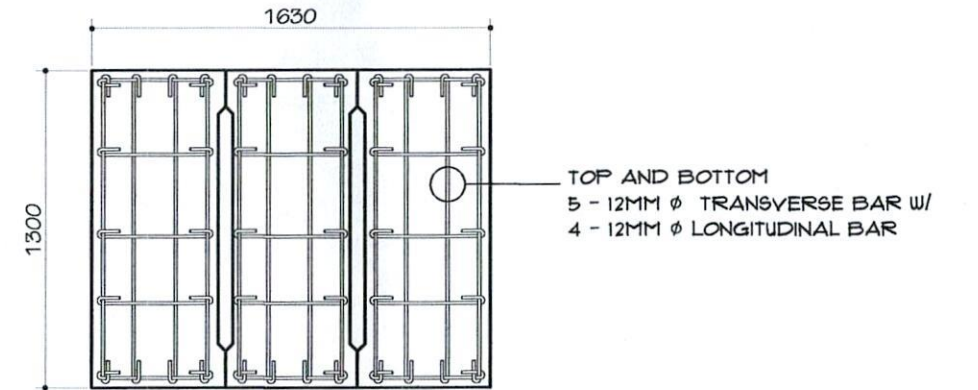
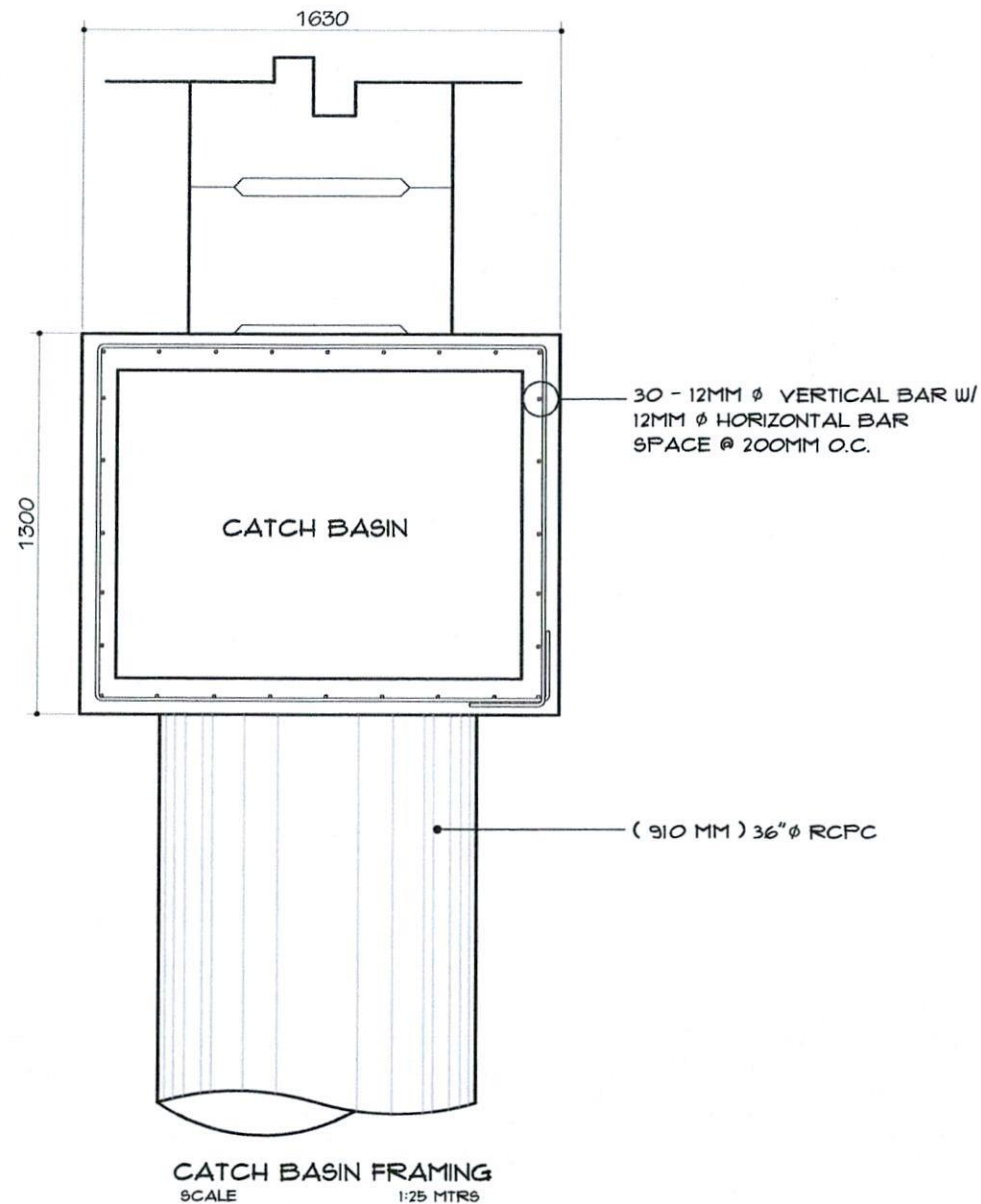
jvsaguindel, CE
engineer IV

RECOMMENDING APPROVAL :

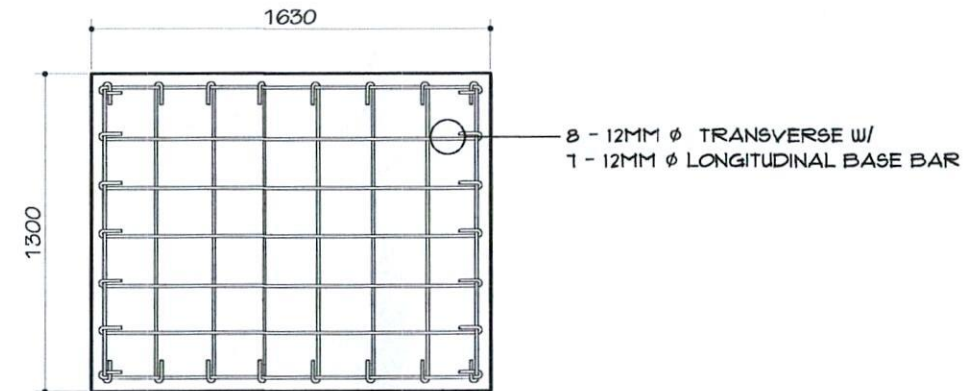
ROEL B. DOMERCE/RMP
CITY ENGINEER

APPROVED BY:

Hon. MA. ESTER E. HAMOR
CITY MAYOR



CATCH BASIN COVER
SCALE 1:50 MTRS



CATCH BASIN COVER
SCALE 1:50 MTRS

LOCATION A: SECTION DETAIL



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

LOCATION: Brgy. Bibinchan, East District, Sorsogon City

CADD BY:

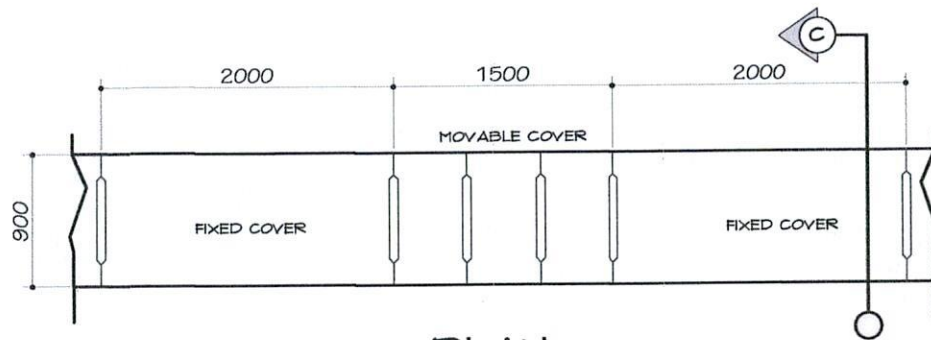
Jvsaguindel, CE
engineer IV

RECOMMENDING APPROVAL :

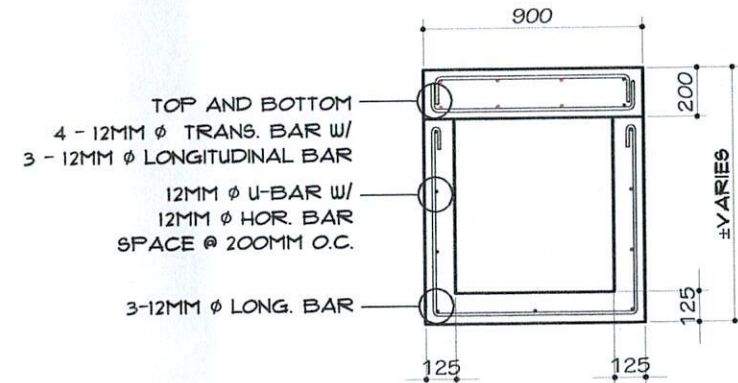
ROEL D. DOMER CE/RMP
CITY ENGINEER

APPROVED BY:

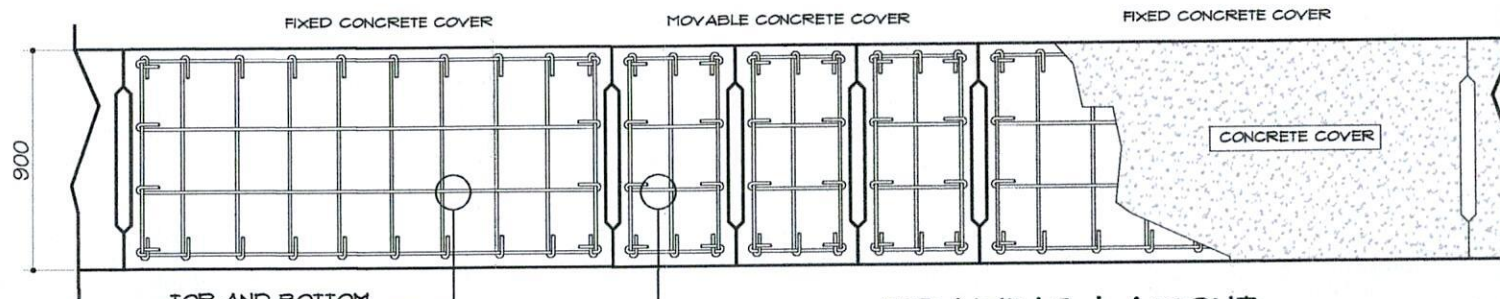
Hon. MA. ESTER E. HAMOR
CITY MAYOR



PLAN



SECTION -C
SCALE 1:30 MTRS

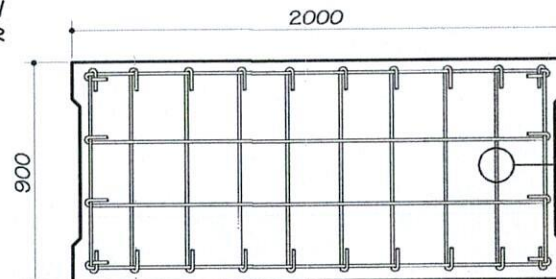


FRAMING LAYOUT
SCALE 1:50 MTRS

LOCATION A: SECTION DETAIL

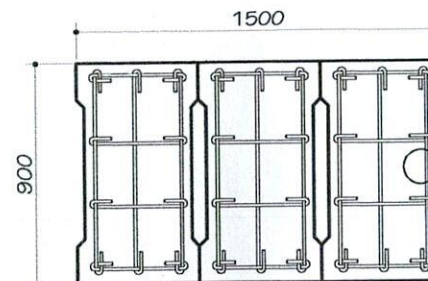
TOP AND BOTTOM
10 - 12MM ϕ TRANS. BAR W/
4 - 12MM ϕ LONGITUDINAL BAR

TOP AND BOTTOM
4 - 12MM ϕ TRANS. BAR W/
3 - 12MM ϕ LONGITUDINAL BAR



FIXED CONCRETE COVER
SCALE 1:50 MTRS

TOP AND BOTTOM
10 - 12MM ϕ TRANS. BAR W/
4 - 12MM ϕ LONGITUDINAL BAR



MOVABLE CONCRETE COVER
SCALE 1:50 MTRS

TOP AND BOTTOM
4 - 12MM ϕ TRANS. BAR W/
3 - 12MM ϕ LONGITUDINAL BAR



CITY OF SORSOGON
CITY ENGINEER'S OFFICE

PROJECT TITLE:

CONSTRUCTION OF FLOOD CONTROL

LOCATION: Brgy. Bibinchan, East District, Sorsogon City

CADD BY:

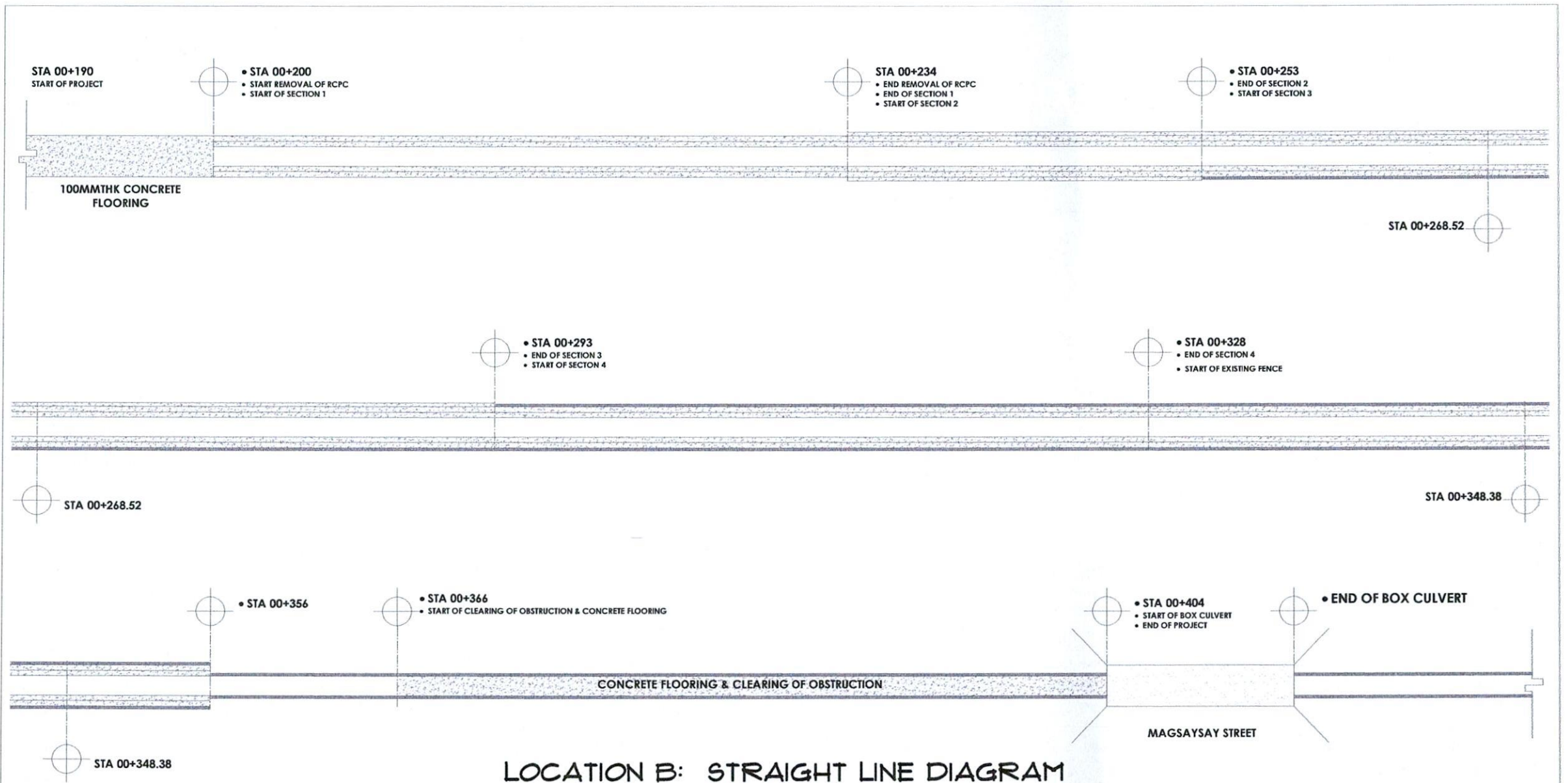
jvsaguindel, CE
engineer IV

RECOMMENDING APPROVAL:

ROEL D. DOMERCE/RMP
CITY ENGINEER

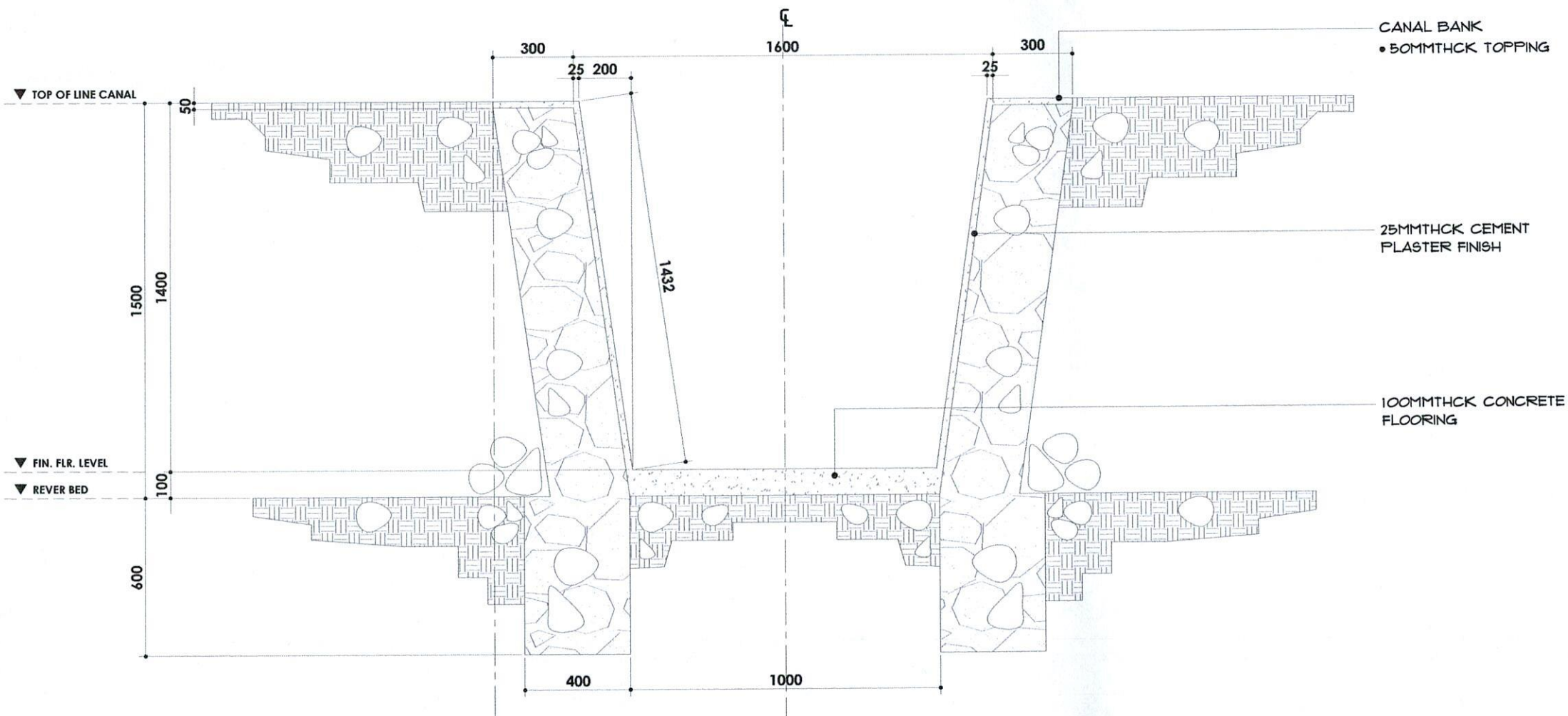
APPROVED BY:

Hon. MA. ESTER E. HAMOR
CITY MAYOR

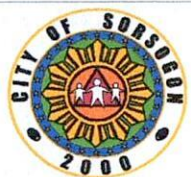


LOCATION B: STRAIGHT LINE DIAGRAM

	SORSOGON CITY		PROJECT TITLE :	DRAWN BY:	RECOMMENDING APPROVAL :	APPROVED BY:
	CITY ENGINEER'S		CONSTRUCTION OF			
	OFFICE		FLOOD CONTROL			
	LOCATION : HOUSING PROJECT, BRGY. BIBINCAHAN, EAST DIST. SORSOGON CITY			IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. BOMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR

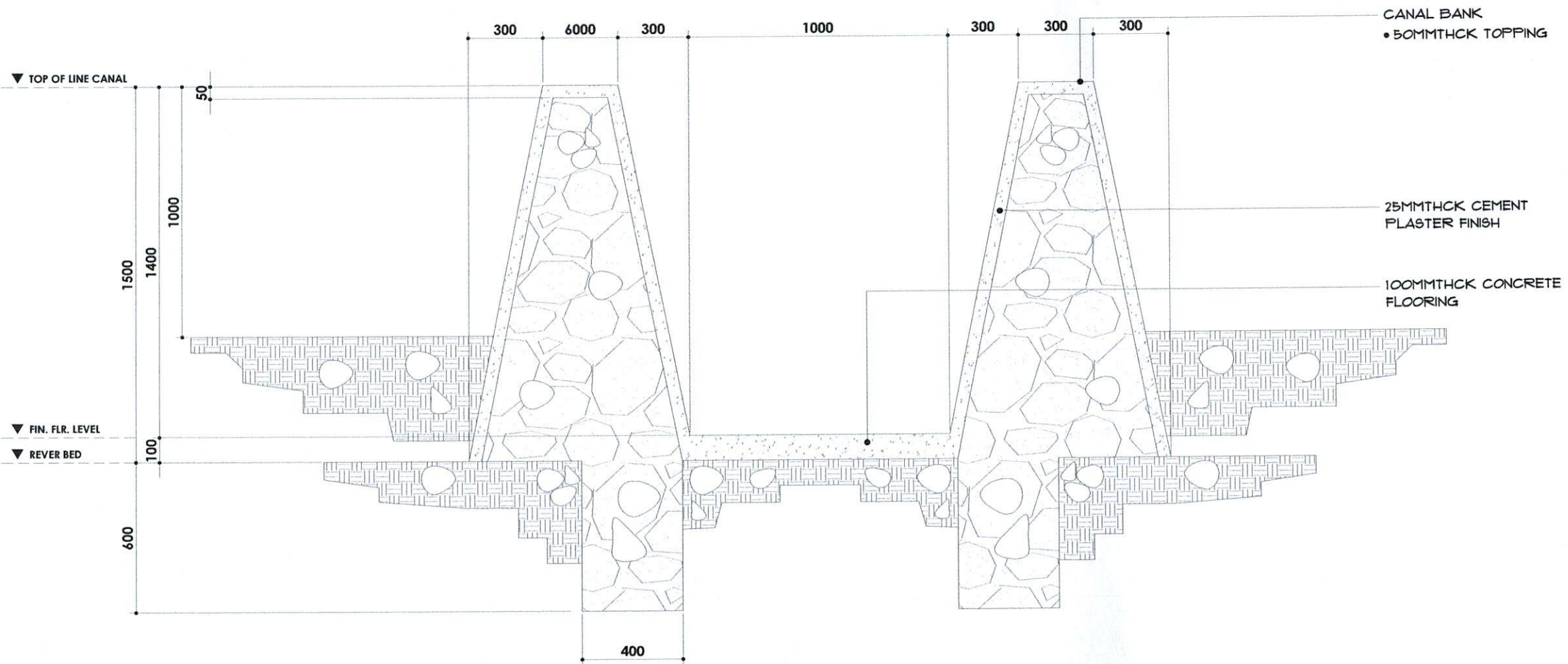


LOCATION B: SECTION 1

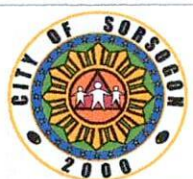


SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
CONSTRUCTION OF FLOOD CONTROL			
LOCATION : HOUSING PROJECT, BRGY. BIBINCAHAN, EAST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR

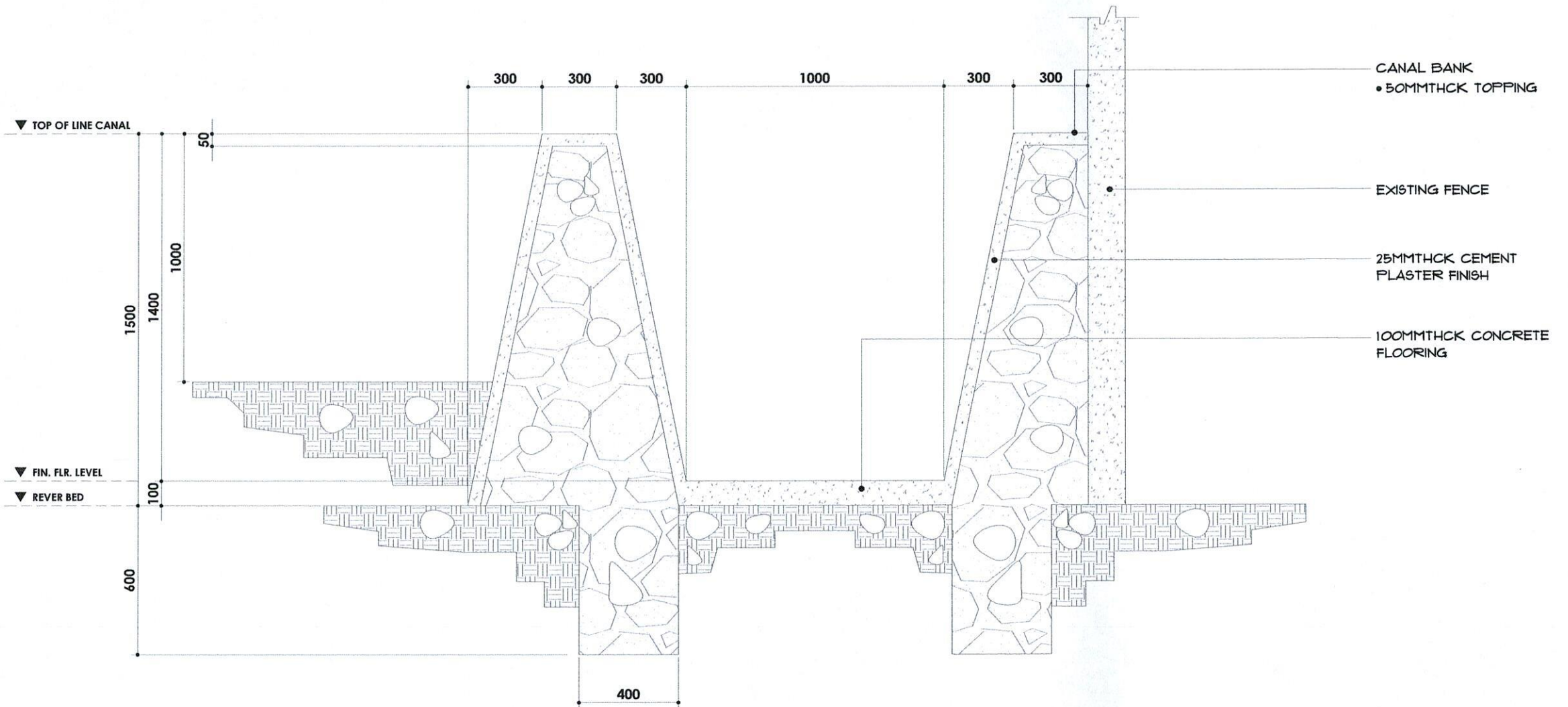


LOCATION B: SECTION 2



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APPROVAL :	APPROVED BY:
CONSTRUCTION OF FLOOD CONTROL			
LOCATION : HOUSING PROJECT, BRGY. BIBINCAHAN, EAST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. HOMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR

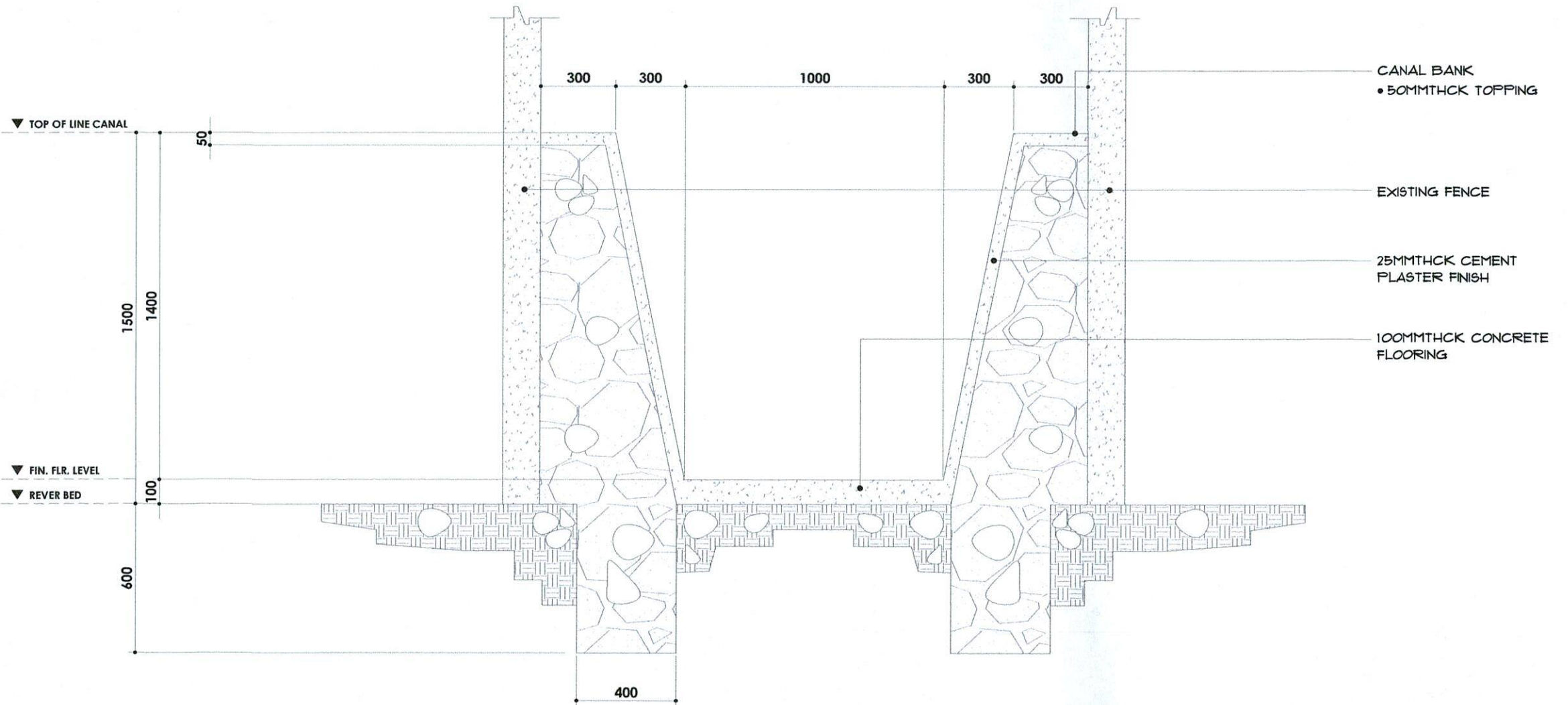


LOCATION B: SECTION 3



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APPROVAL :	APPROVED BY:
CONSTRUCTION OF FLOOD CONTROL			
LOCATION : HOUSING PROJECT, BRGY. BIBINCAHAN, EAST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMERIO C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR



LOCATION B: SECTION 4



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
CONSTRUCTION OF FLOOD CONTROL			
LOCATION : HOUSING PROJECT, BRGY. BIBINCAHAN, EAST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMER, CE./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR