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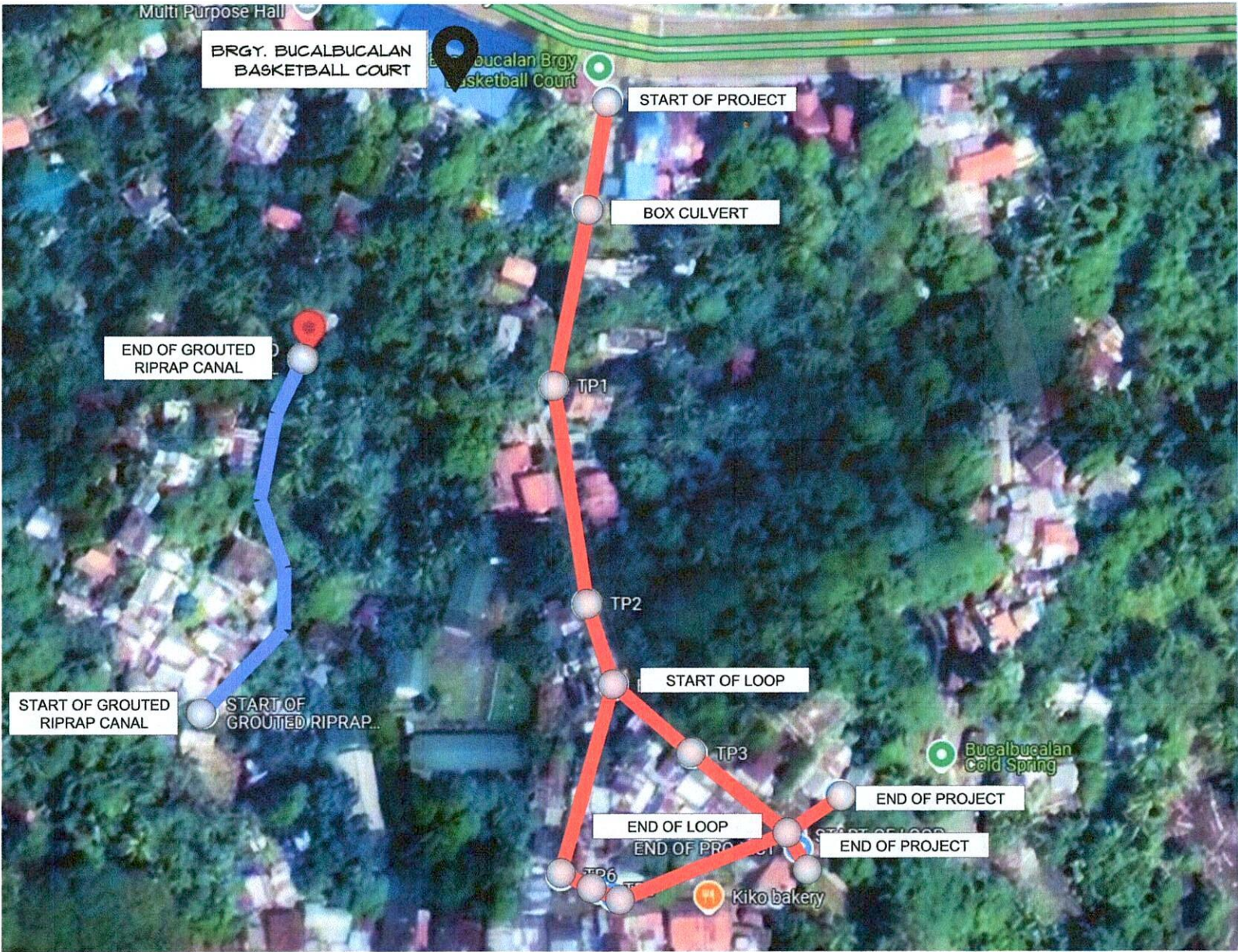
GROUTED RIP RAP CANAL



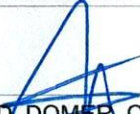
LOCAL ROAD WITH COVERED CANAL

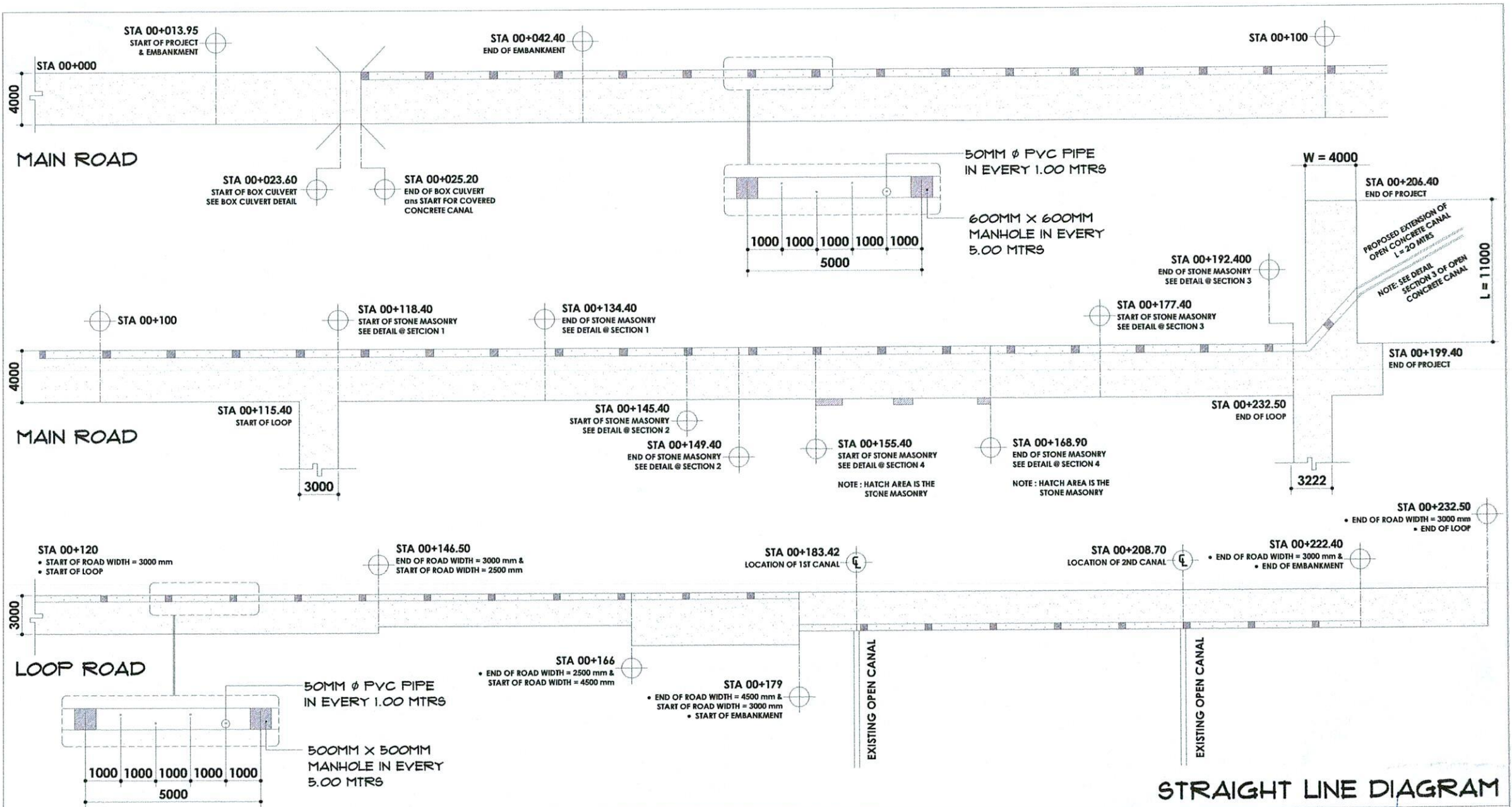


LOCATION MAP



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APPROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR



STRAIGHT LINE DIAGRAM



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :

REBLOCKING / IMPROVEMENT
OF LOCAL ROAD

LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN,
WEST DIST. SORSOGON CITY

DRAWN BY:

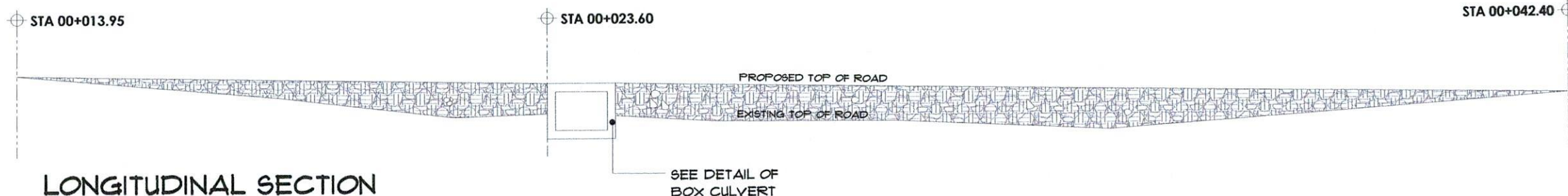
IZRA D. HABLA
ENGINEERING AIDE

RECOMMENDING APROVAL :

ROEL D. BOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

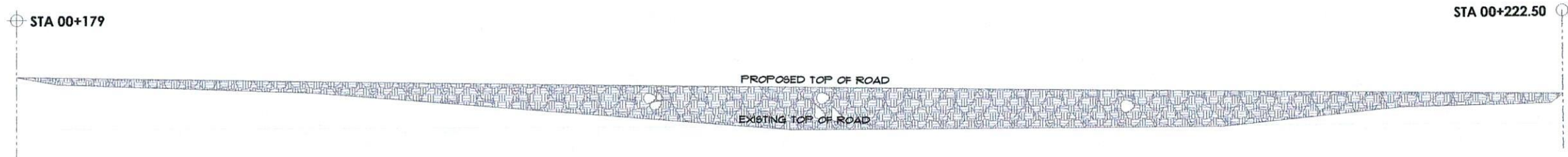
HON. MA. ESTER E. HAMOR
CITY MAYOR



LONGITUDINAL SECTION

@ STA. 00+013.95 - STA. 00+042.40

FOR EMBANKMENT ; H = 210MM AVERAGE



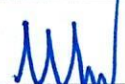
LONGITUDINAL SECTION

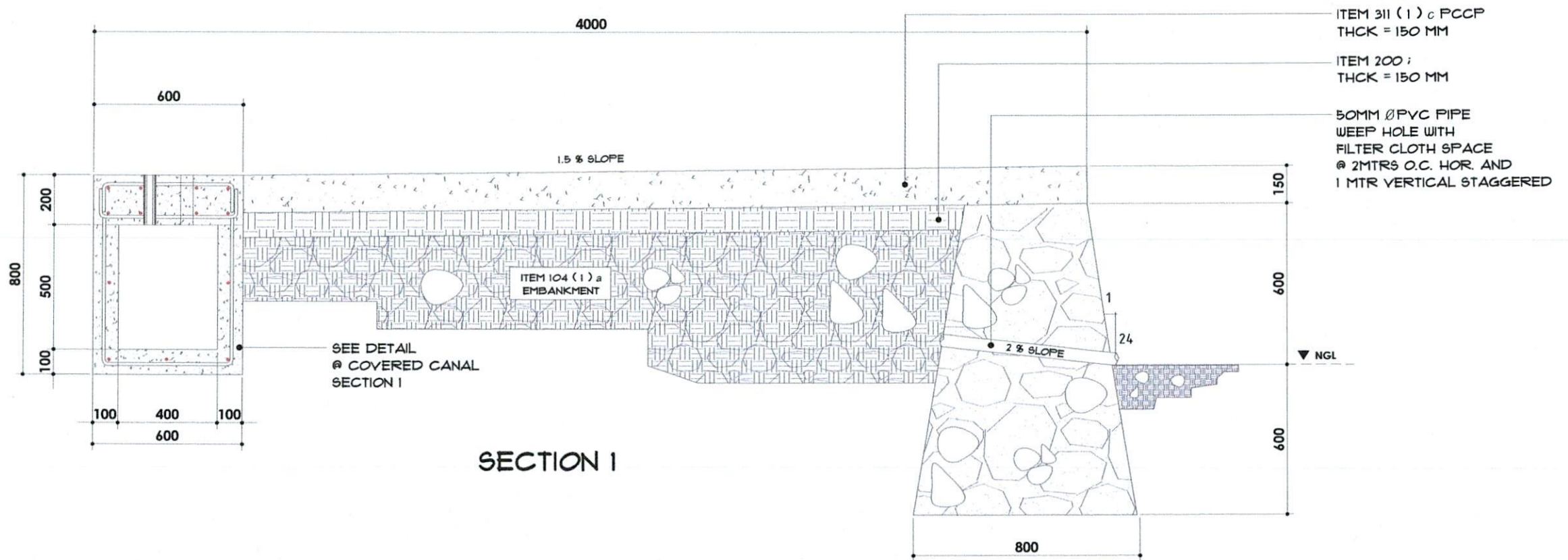
@ STA. 00+179 - STA. 00+222.50

FOR EMBANKMENT ; H = 150MM AVERAGE



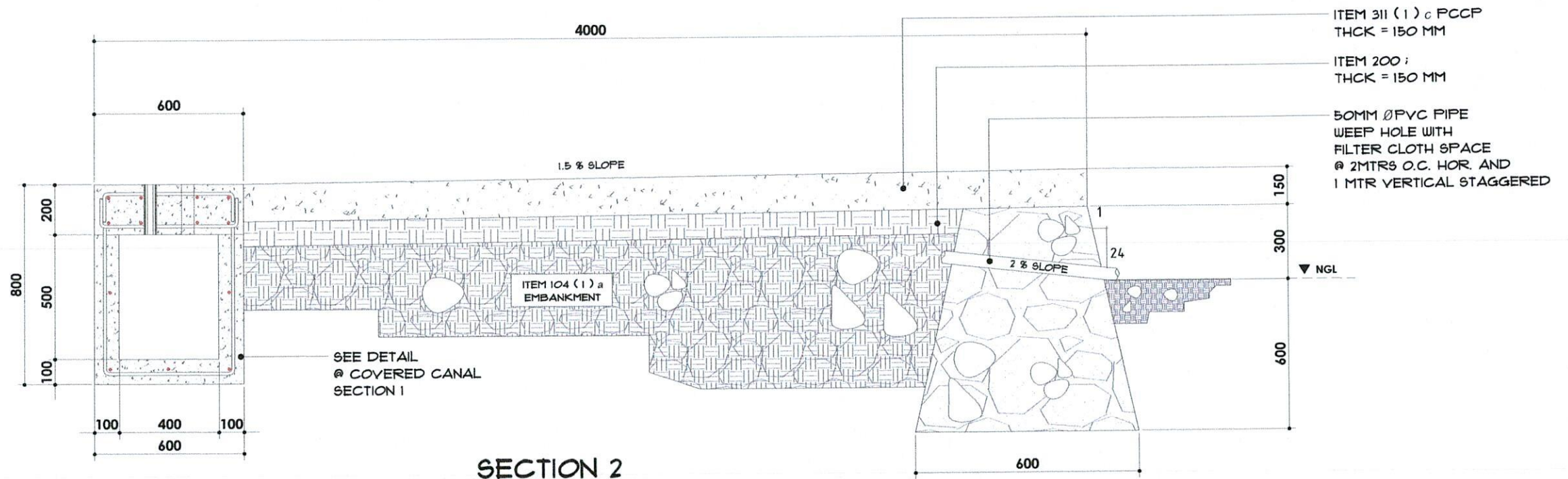
SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : Purok 4 & Purok 5, Brgy. BucalBucalan, West Dist. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DUMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR



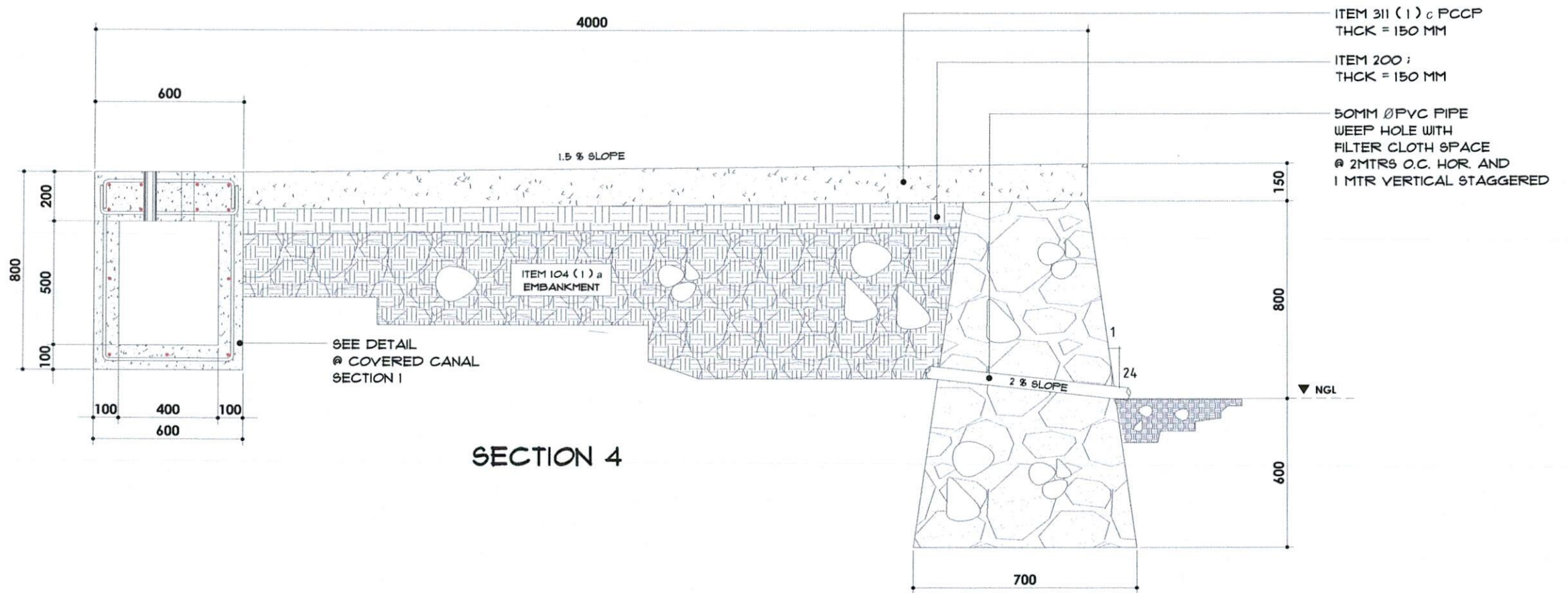
SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APPROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR

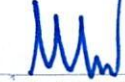


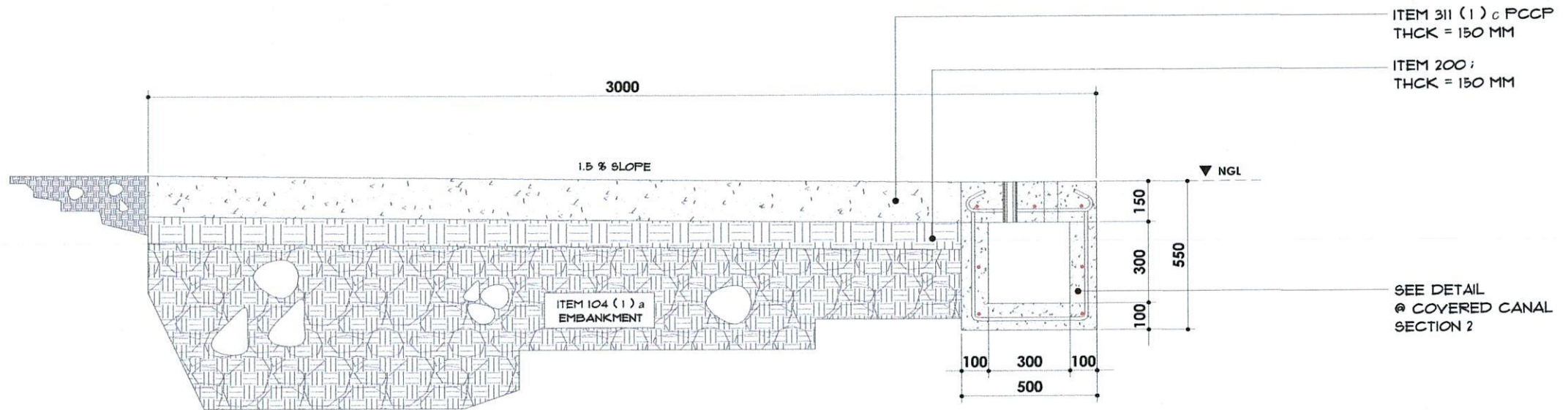
SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR

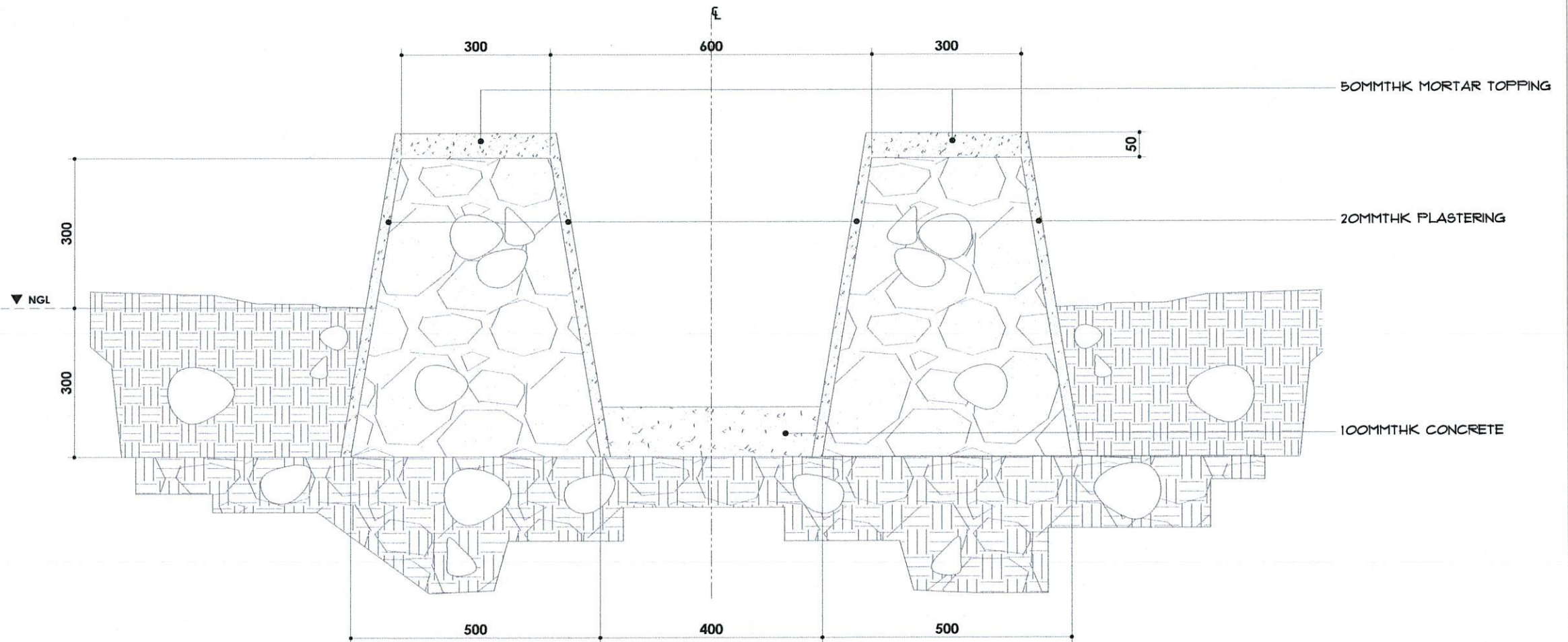


SECTION 5



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :	DRAWN BY:	RECOMMENDING APROVAL :	APPROVED BY:
REBLOCKING / IMPROVEMENT OF LOCAL ROAD			
LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	IZRA D. HABLA ENGINEERING AIDE	ROEL D. DIMER, C.E./RMP CITY ENGINEER	HON. MA. ESTER E. HAMOR CITY MAYOR



GRouted RIP RAP CANAL SECTION

L = 92 MTRS



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :

REBLOCKING / IMPROVEMENT
OF LOCAL ROAD

LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN,
WEST DIST. SORSOGON CITY

DRAWN BY:

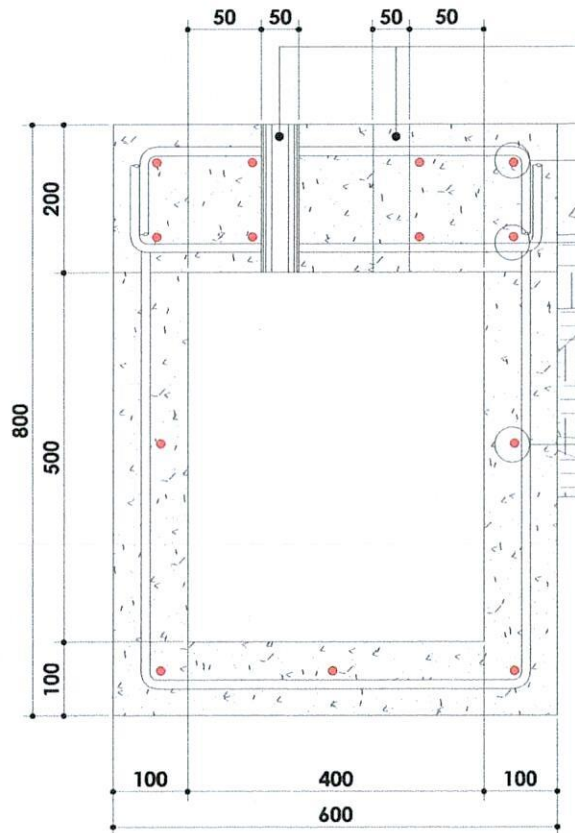
IZRA D. HABLA
ENGINEERING AIDE

RECOMMENDING APPROVAL :

ROEL D. DOMERIO, C.E./RMP
CITY ENGINEER

APPROVED BY:

HON. MA. ESTER E. HAMOR
CITY MAYOR



**COVERED CANAL
SECTION 1**

50MM Ø PVC PIPE
IN EVERY 2.00 MTRS

8 - 12MM Ø LONG BAR WITH
12MM Ø TRANS. BAR
SPACED @ 200MM O.C.

10MM Ø U - BAR SPACED
@ 200MM O.C. WITH
5-10MM Ø LONG BAR



**COVERED CANAL
SECTION 2**

10MM Ø U - BAR SPACED
@ 200MM O.C. WITH
5-10MM Ø LONG BAR

50MM Ø PVC PIPE
IN EVERY 2.00 MTRS

3 - 12MM Ø LONG BAR WITH
12MM Ø TRANS. BAR
SPACED @ 200MM O.C.

10MM Ø U - BAR SPACED
@ 200MM O.C. WITH
4-10MM Ø LONG BAR



**OPEN CANAL
SECTION 3
L = 20 MTRS**



SORSOGON CITY
**CITY ENGINEER'S
OFFICE**

PROJECT TITLE :

**REBLOCKING / IMPROVEMENT
OF LOCAL ROAD**

LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN,
WEST DIST. SORSOGON CITY

DRAWN BY:

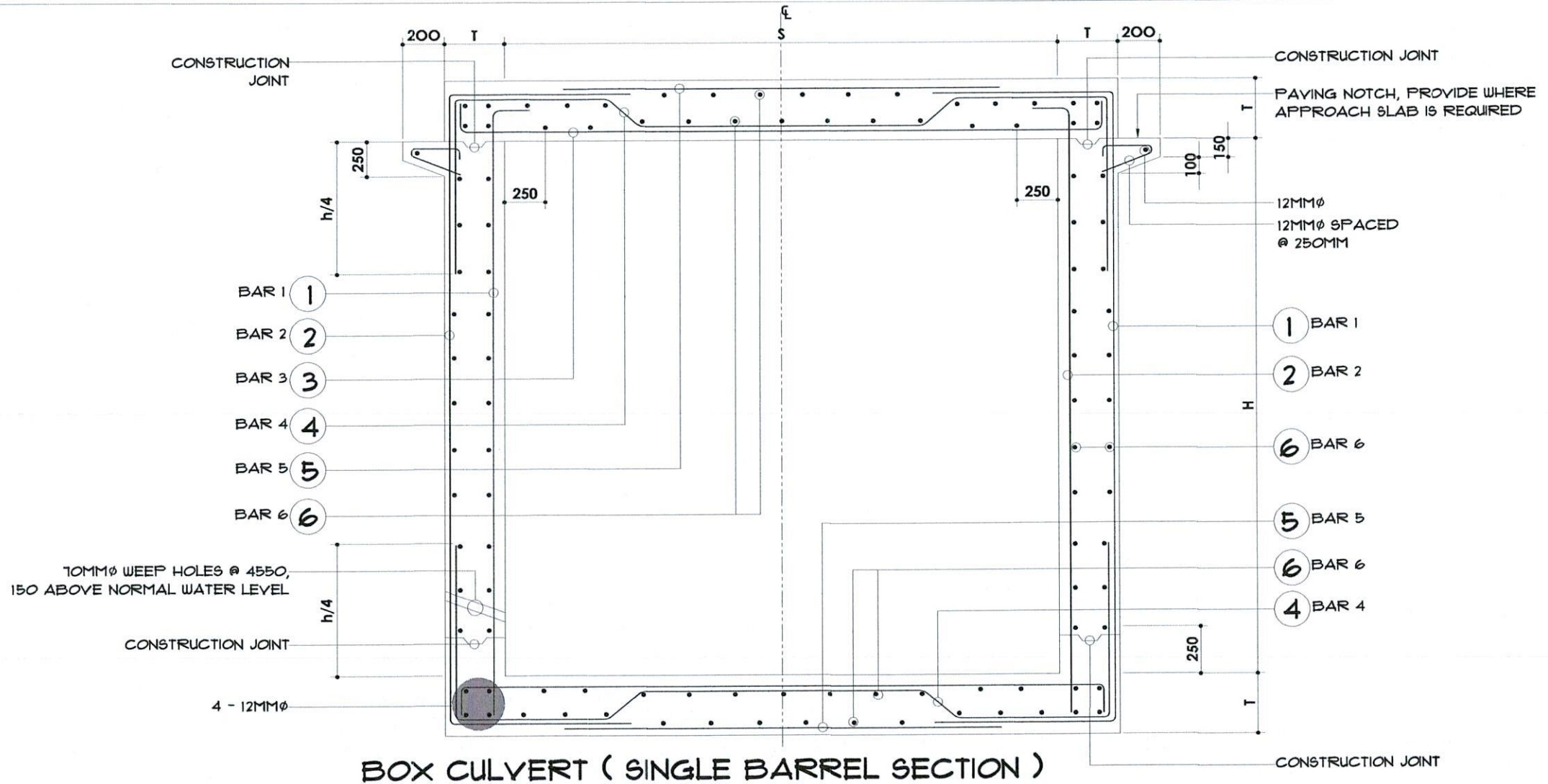
IZRA D. HABLA
ENGINEERING AIDE

RECOMMENDING APPROVAL :

ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

HON. MA. ESTER E. HAMOR
CITY MAYOR



CLEAR		SINGLE BARREL BOX CULVERT													
SPAN (S)	HEIGHT (H)	T	BAR 1 (1)		BAR 2 (2)		BAR 3 (3)		BAR 4 (4)		BAR 5 (5)		BAR 6 (6)		
			Ø	SPACING	Ø	SPACING	Ø	SPACING	Ø	SPACING	Ø	SPACING	Ø	SPACING	
1250	1000	180	12	300	12	300	12	300	12	300	12	300	12	250	

CLEAR		QUANTITY PER METER OF BARREL	
SPAN (S)	HEIGHT (H)	SINGLE	
		CONCRETE (m³)	REINFORCEMENT (m³)
1250	1000	0.94	98.20



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE :

REBLOCKING / IMPROVEMENT
OF LOCAL ROAD

LOCATION : PUROK 4 & PUROK 5, BRGY. BUGALBUGALAN,
WEST DIST. SORSOGON CITY

DRAWN BY:

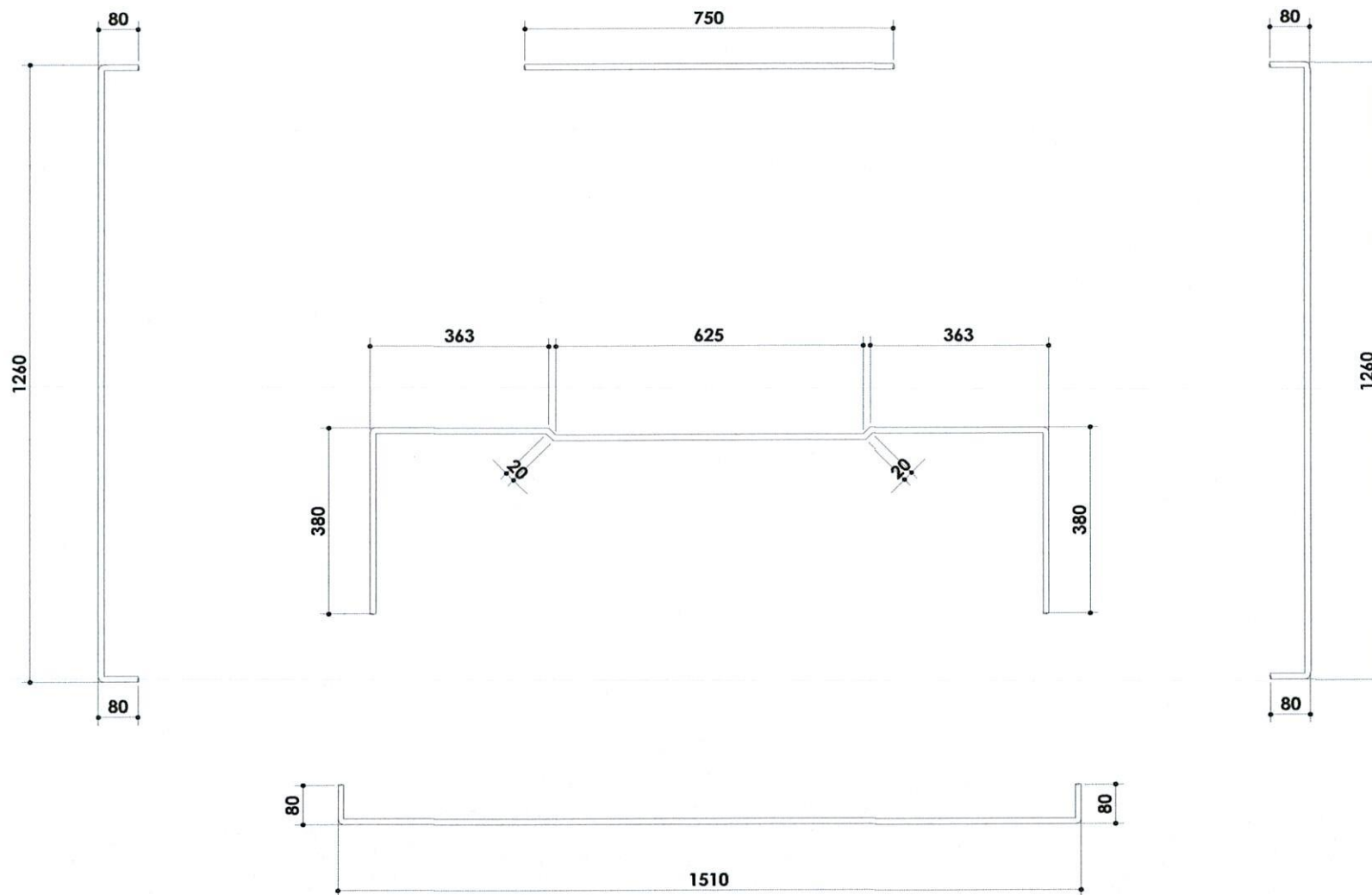
IZRA D. HABLA
ENGINEERING AIDE

RECOMMENDING APPROVAL :

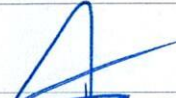
ROEL D. DOMER, C.E./RMP
CITY ENGINEER

APPROVED BY:

HON. MA. ESTER E. HAMOR
CITY MAYOR



BAR BENDING DIAGRAM (SINGLE BARREL SECTION)

	SORSOGON CITY CITY ENGINEER'S O F F I C E	PROJECT TITLE : REBLOCKING / IMPROVEMENT OF LOCAL ROAD LOCATION : PUROK 4 & PUROK 5, BRGY. BUCALBUCALAN, WEST DIST. SORSOGON CITY	DRAWN BY:  IZRA D. HABLA ENGINEERING AIDE	RECOMMENDING APPROVAL :  ROEL D. DIMER, C.E./RMP CITY ENGINEER	APPROVED BY:  HON. MA. ESTER E. HAMOR CITY MAYOR
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