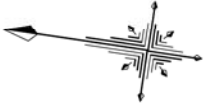


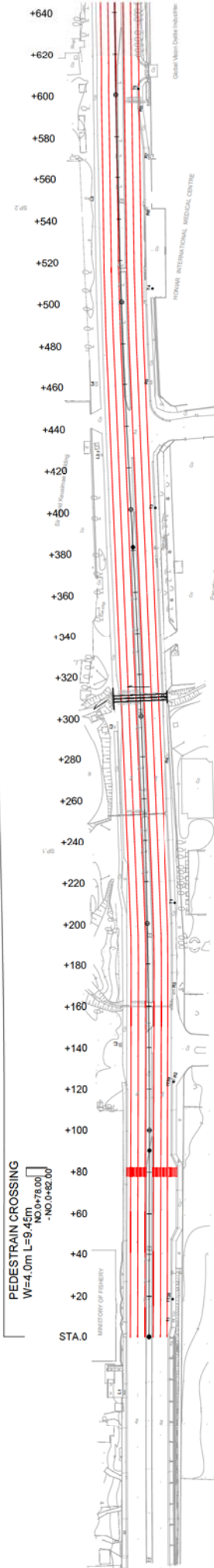
LAYOUT PLAN OF ROAD MARKINGS (1) S=1:1,000



EDGE LINE (SOLID) L=1000.00m
NO.0+0.00 - NO.1+0.00

LANE LINE (BROKEN) L=1000.00m
NO.0+0.00 - NO.1+0.00

EDGE LINE (SOLID) L=1000.00m
NO.0+0.00 - NO.1+0.00



EDGE LINE (SOLID) L=1000.00m
NO.0+0.00 - NO.1+0.00

LANE LINE (BROKEN) L=1000.00m
NO.0+0.00 - NO.1+0.00

EDGE LINE (SOLID) L=1000.00m
NO.0+0.00 - NO.1+0.00

PEDESTRAIN CROSSING W=4.0m L=12.15m
NO.0+78.00 - NO.0+82.00

PEDESTRAIN CROSSING
W=4.0m L=9.45m
NO.0+78.00
-NO.0+82.00

SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2		Drawing No. 070
		LAYOUT PLAN OF ROAD MARKINGS (1)		SCALE 1:1,000

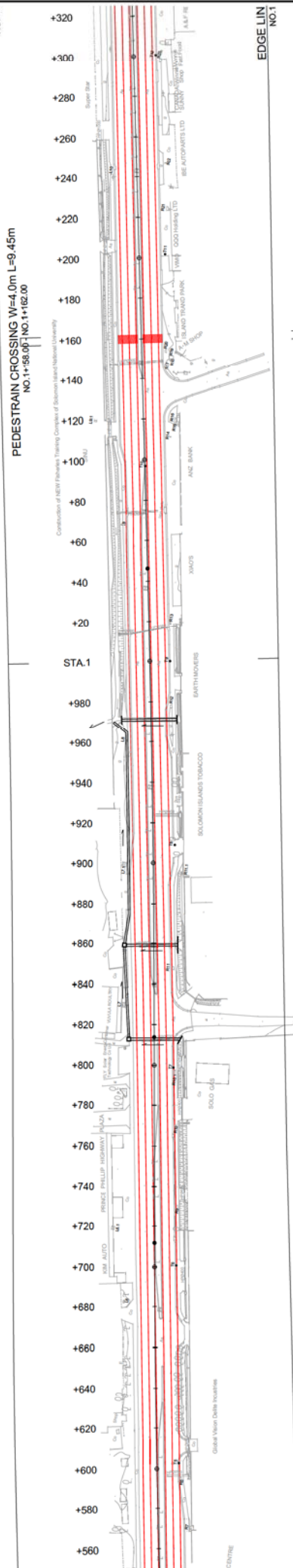
LAYOUT PLAN OF ROAD MARKINGS (2) S=1:1,000



EDGE LINE (A)
NO.1+00.0


LANE LINE (B)
NO.1+01.1

EDGE LINE
NO.1+1

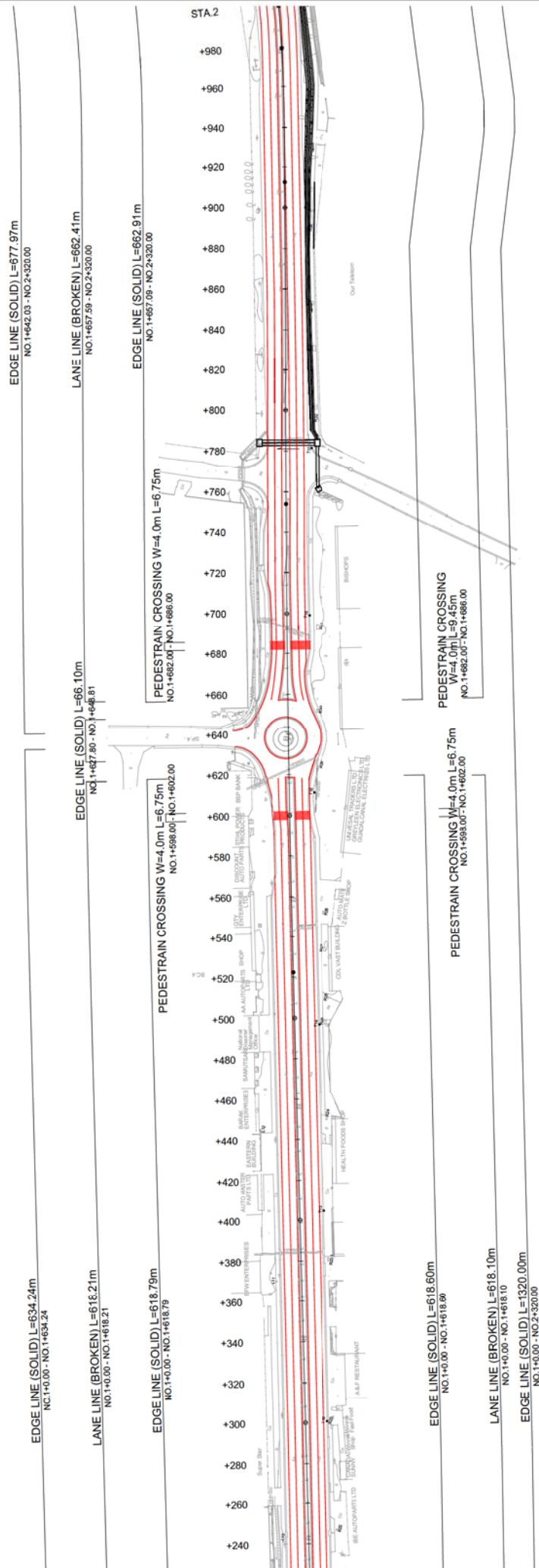


LANE LINE
NC

EDGE LINE
NO

SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Checked by: _____ Date: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2		Drawing No. 071
		LAYOUT PLAN OF ROAD MARKINGS (2)		SCALE 1:1,000

LAYOUT PLAN OF ROAD MARKINGS (3) S=1:1,000



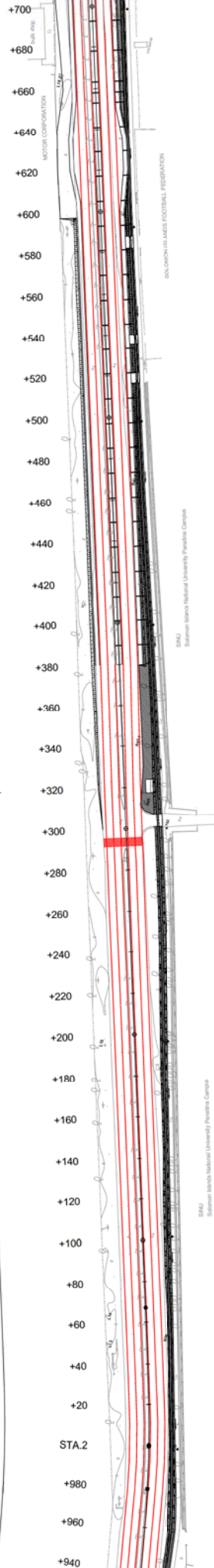
LAYOUT PLAN OF ROAD MARKINGS (4) S=1:1,000



EDGE LINE (SOLID) L=499.37m
NO.2+320.00 - NO.2+619.37

LANE LINE (BROKEN) L=486.00m
NO.2+320.00 - NO.2+606.00

EDGE LINE (SOLID) L=486.50m
NO.2+320.00 - NO.2+606.50



EDGE LINE (SOLID) L=663.42m
NO.1+656.58 - NO.2+320.00

LANE LINE (BROKEN) L=662.92m
NO.1+657.08 - NO.2+320.00

PEDESTRAIN CROSSING W=4.0m L=18.45m
NO.2+291.52 - NO.2+295.52

EDGE LINE (SOLID) L=488.00m
NO.2+320.00 - NO.2+806.00

LANE LINE (BROKEN) L=486.00m
NO.2+320.00 - NO.2+806.00
EDGE LINE (SOLID) L=512.13m
NO.2+320.00 - NO.2+832.13



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
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Approved by: _____ Date: _____



CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____

PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

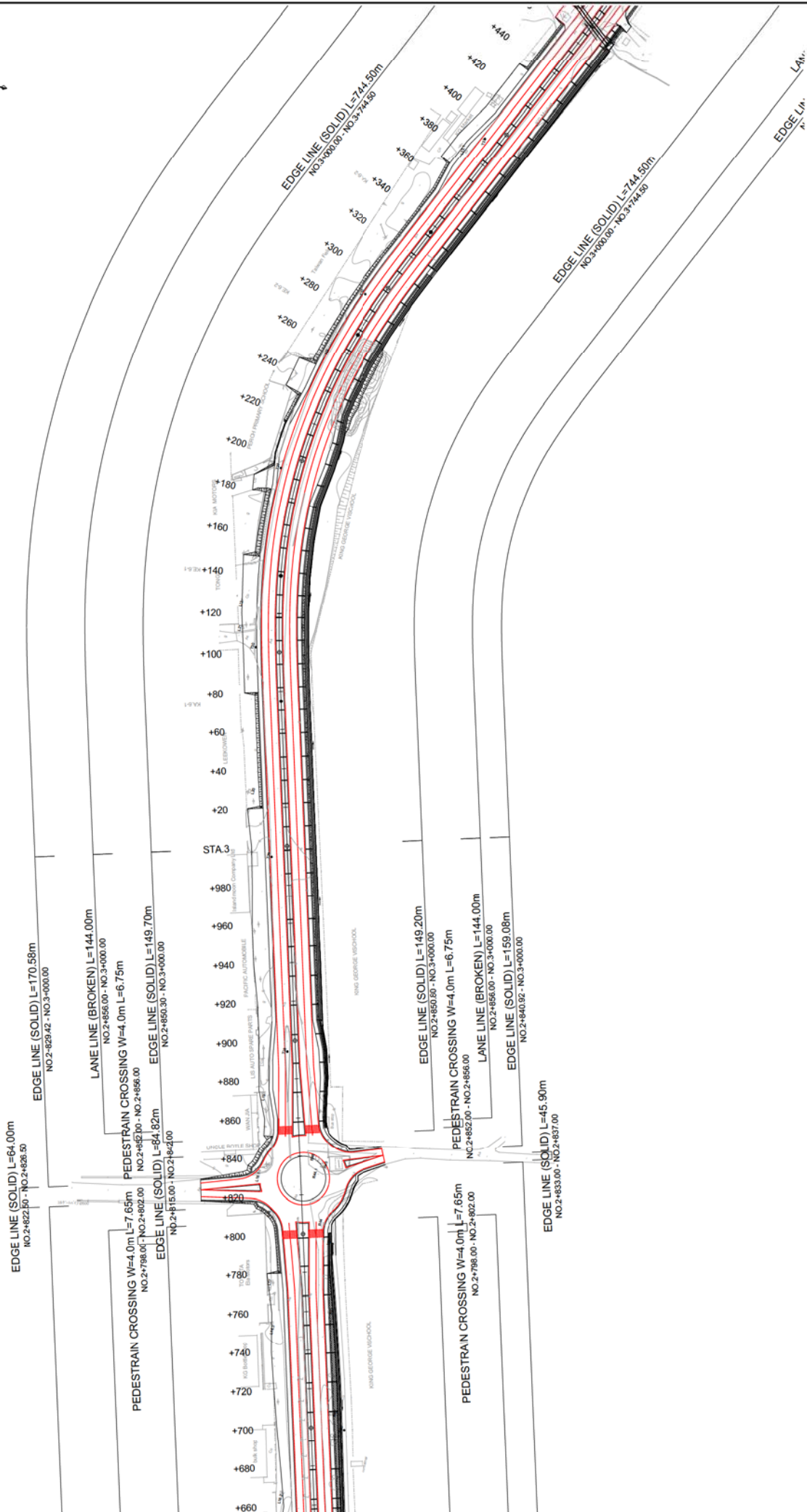
TITLE :


LAYOUT PLAN OF ROAD MARKINGS (4)

Drawing No. 073

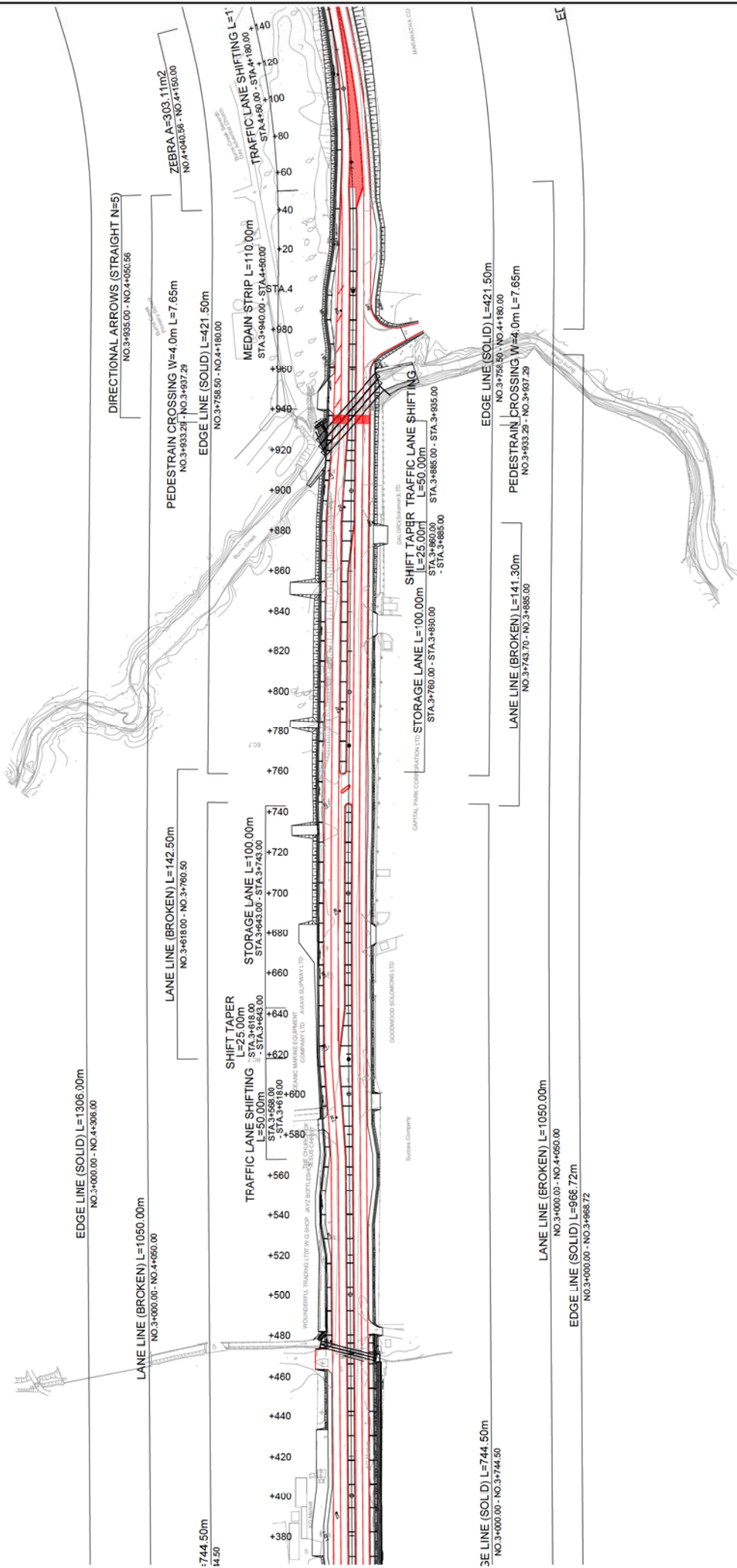
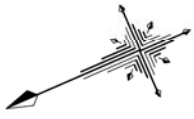
SCALE 1:1,000
DATE


LAYOUT PLAN OF ROAD MARKINGS (5) S=1:1,000



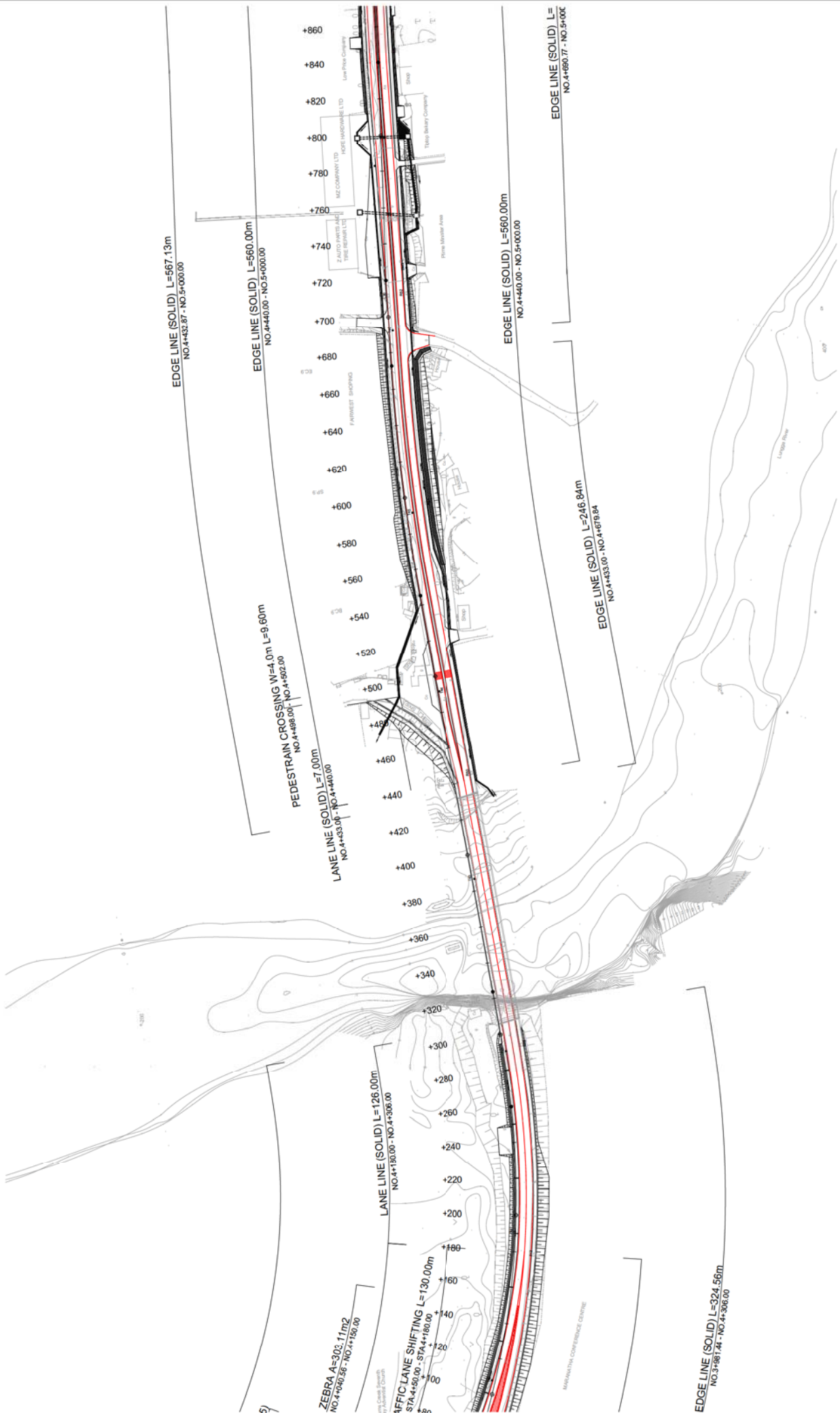
SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 074
			SCALE 1:1,000
			DATE


LAYOUT PLAN OF ROAD MARKINGS (6) S=1:1,000



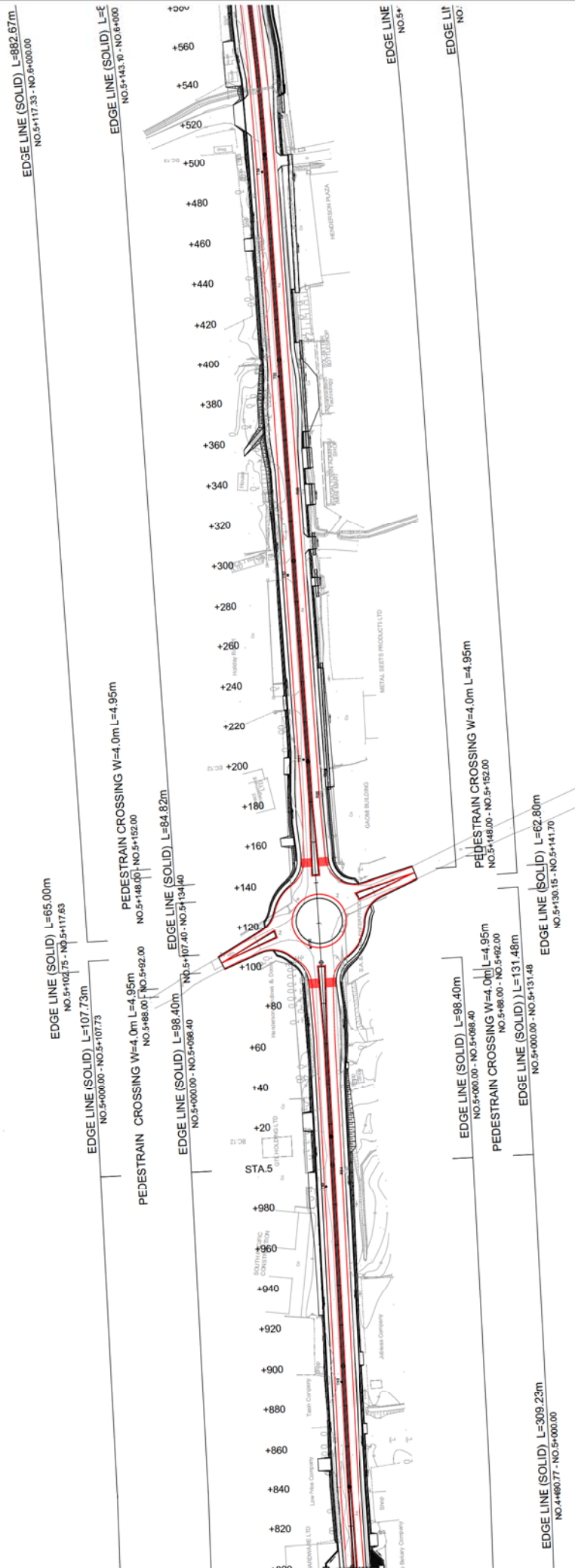
SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 075
			SCALE 1:1,000
LAYOUT PLAN OF ROAD MARKINGS (6)			DATE

LAYOUT PLAN OF ROAD MARKINGS (7) S=1:1,000

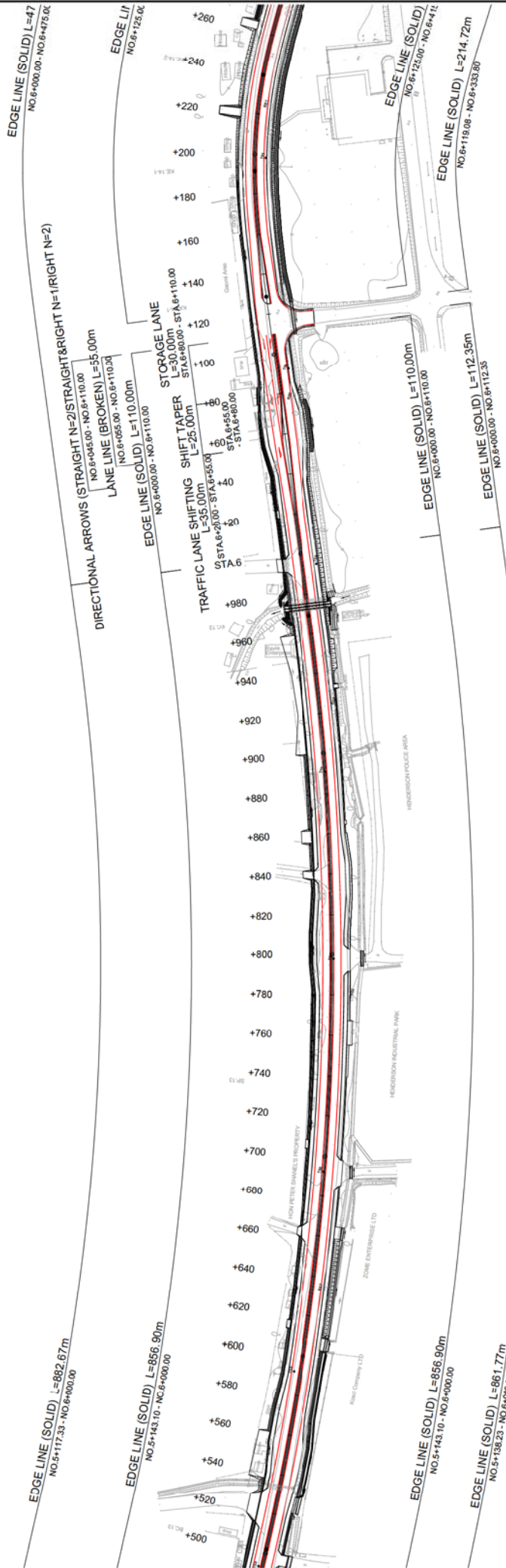


SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 076
			SCALE 1:1,000
			DATE

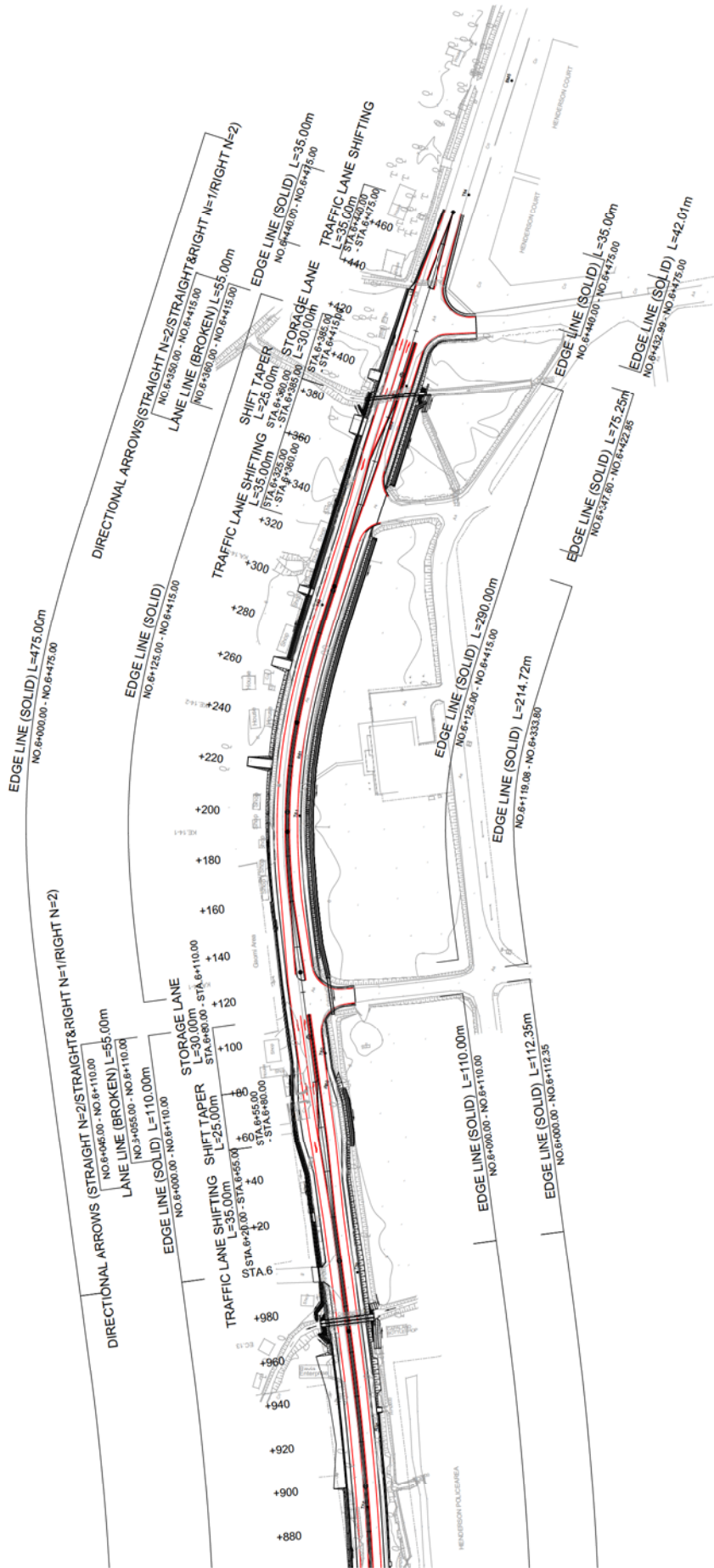
LAYOUT PLAN OF ROAD MARKINGS (8) S=1:1,000




LAYOUT PLAN OF ROAD MARKINGS (9) S=1:1,000



LAYOUT PLAN OF ROAD MARKINGS (10) S=1:1,000

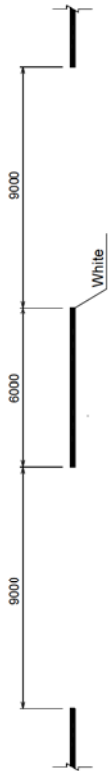


SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No.	079
			SCALE	1:1,000
		DATE		

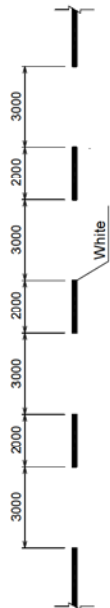
ROAD MARKINGS GENERAL DRAWINGS

ROAD LINES S=1:100

LANE LINE 1 (W=150)



LANE LINE 2 (FOR RIGHT TURN and BUS BAY) (W=150)



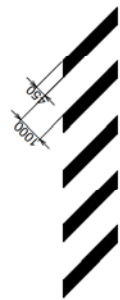
EDGE LINE (W=150)



STOP LINE (W=450)

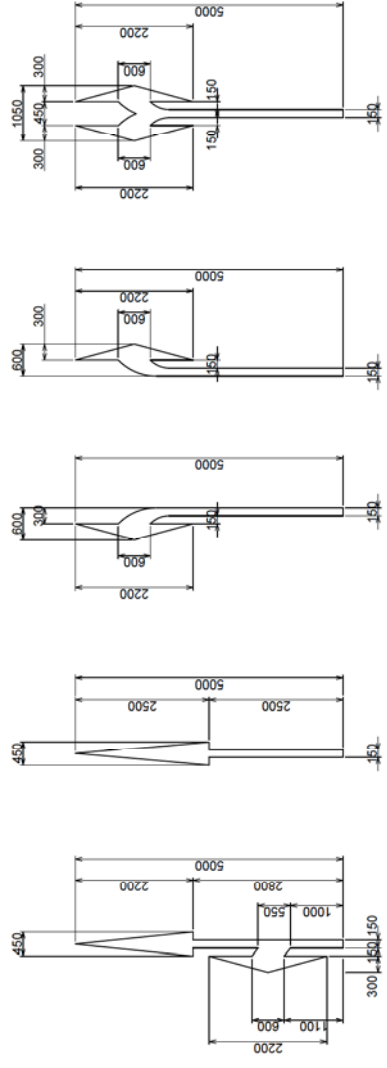


ZEBRA

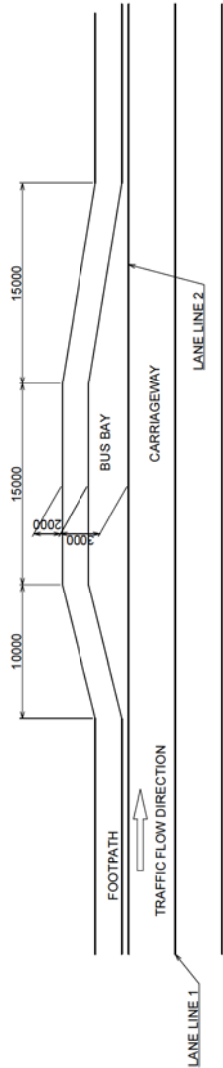


DIRECTIONAL ARROWS S=1:50

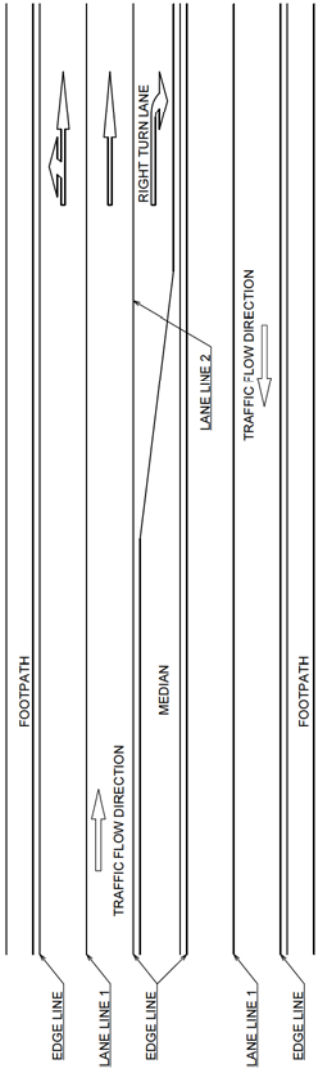
LEFT AND RIGHT




LANE LINE 2 (FOR BUS BAY) S=1:200



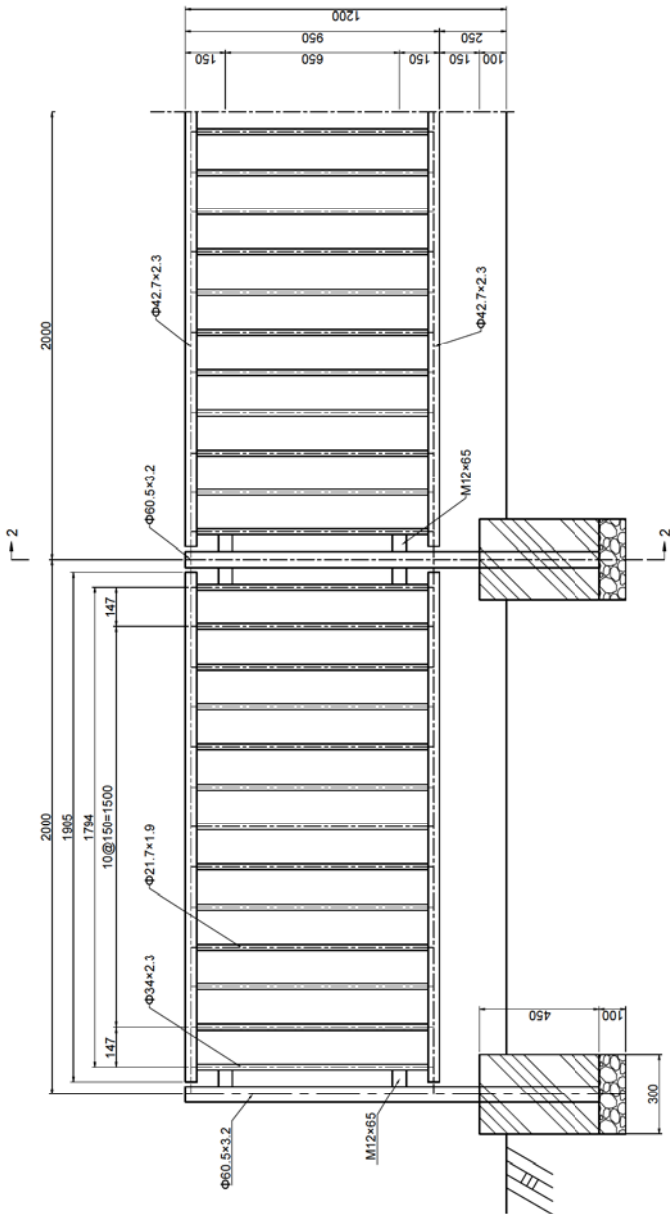
EDGE LINE (for RIGHT TURN) and LANE LINE S=1:200



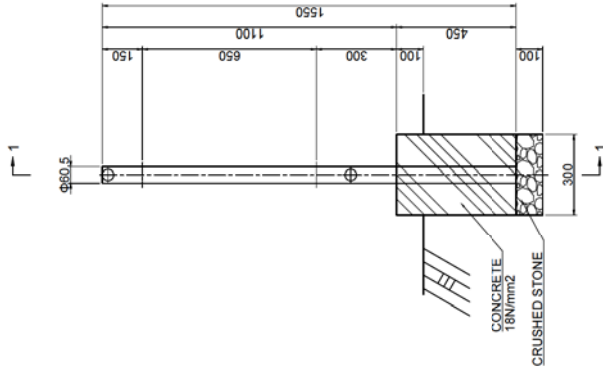
	SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT	CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE : PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGH-WAY PHASE 2	Drawing No. 080 SCALE 1:200, 1:100, 1:50 DATE
	ROAD MARKINGS GENERAL DRAWINGS			

HANDRAILS GENERAL DRAWINGS

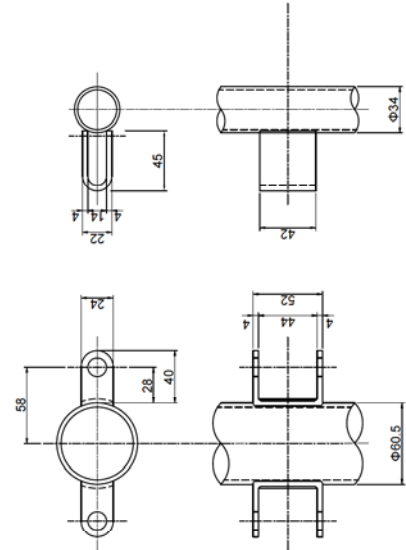
SECTION 1 - 1 S=1:10



SECTION 2 - 2 S=1:10



DETAIL OF FITTING PARTS S=1:2



SOLOMON ISLANDS GOVERNMENT
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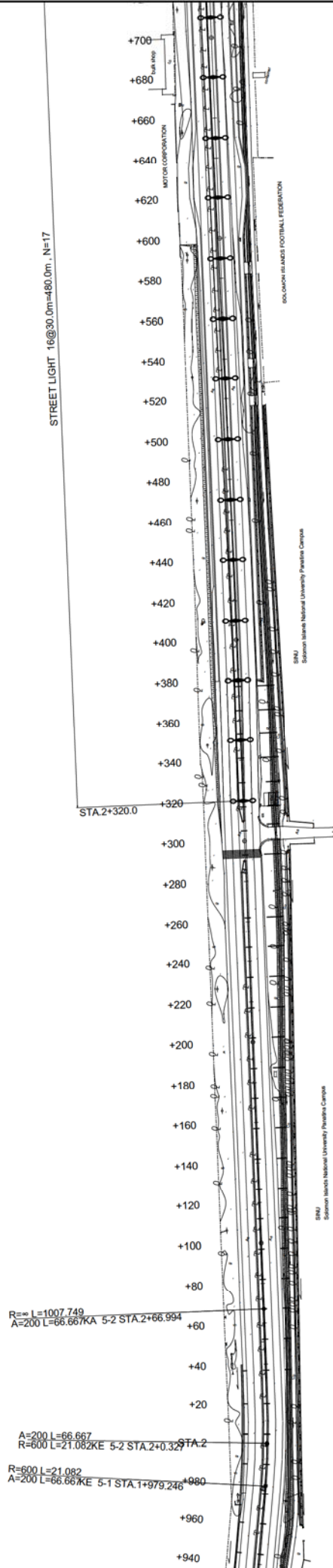
CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____


PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

TITLE:
HANDRAILS GENERAL DRAWINGS

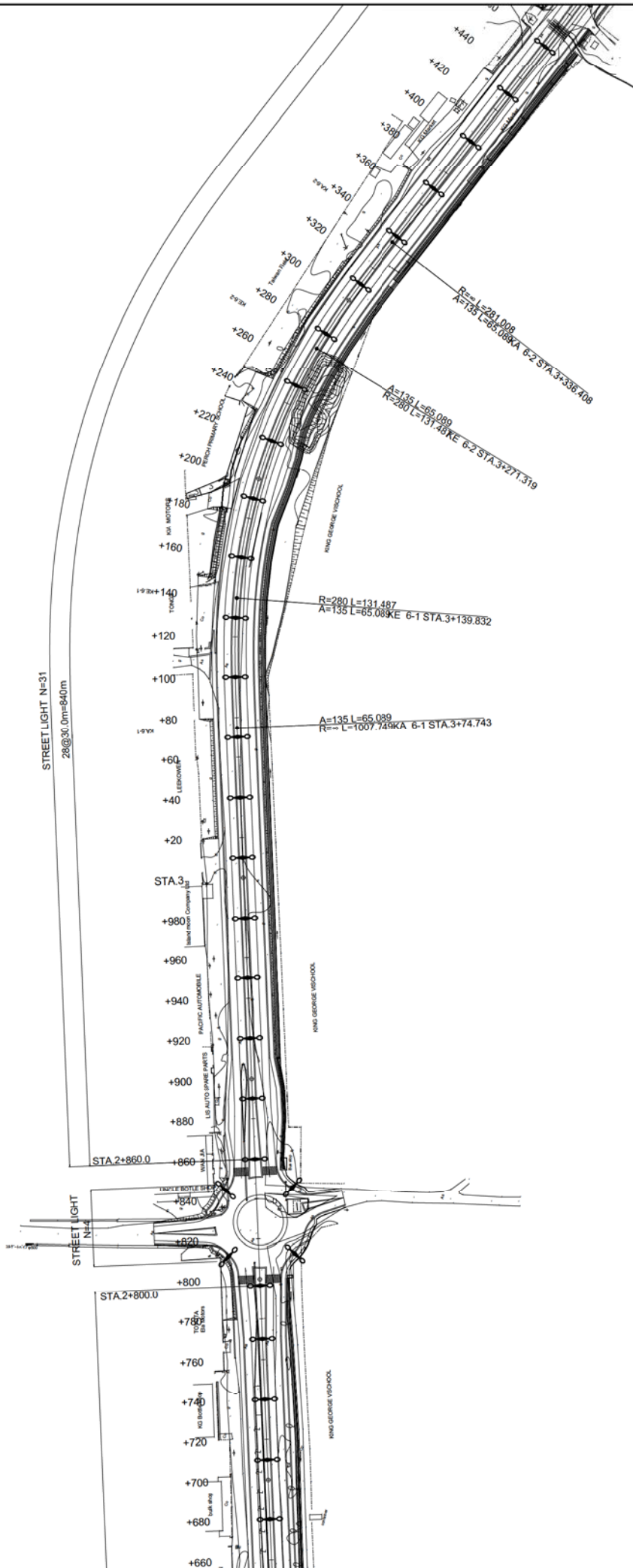
Drawing No. 081
SCALE 1:10, 1:2
DATE

LAYOUT PLAN OF STREET LIGHTS (1) S=1:1,000



SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 082
			SCALE 1:1,000 DATE

LAYOUT PLAN OF STREET LIGHTS (2) S=1:1,000



Drawing No.	083
SCALE	1:1,000
DATE	

TITLE:
LAYOUT PLAN OF STREET LIGHTS (2)

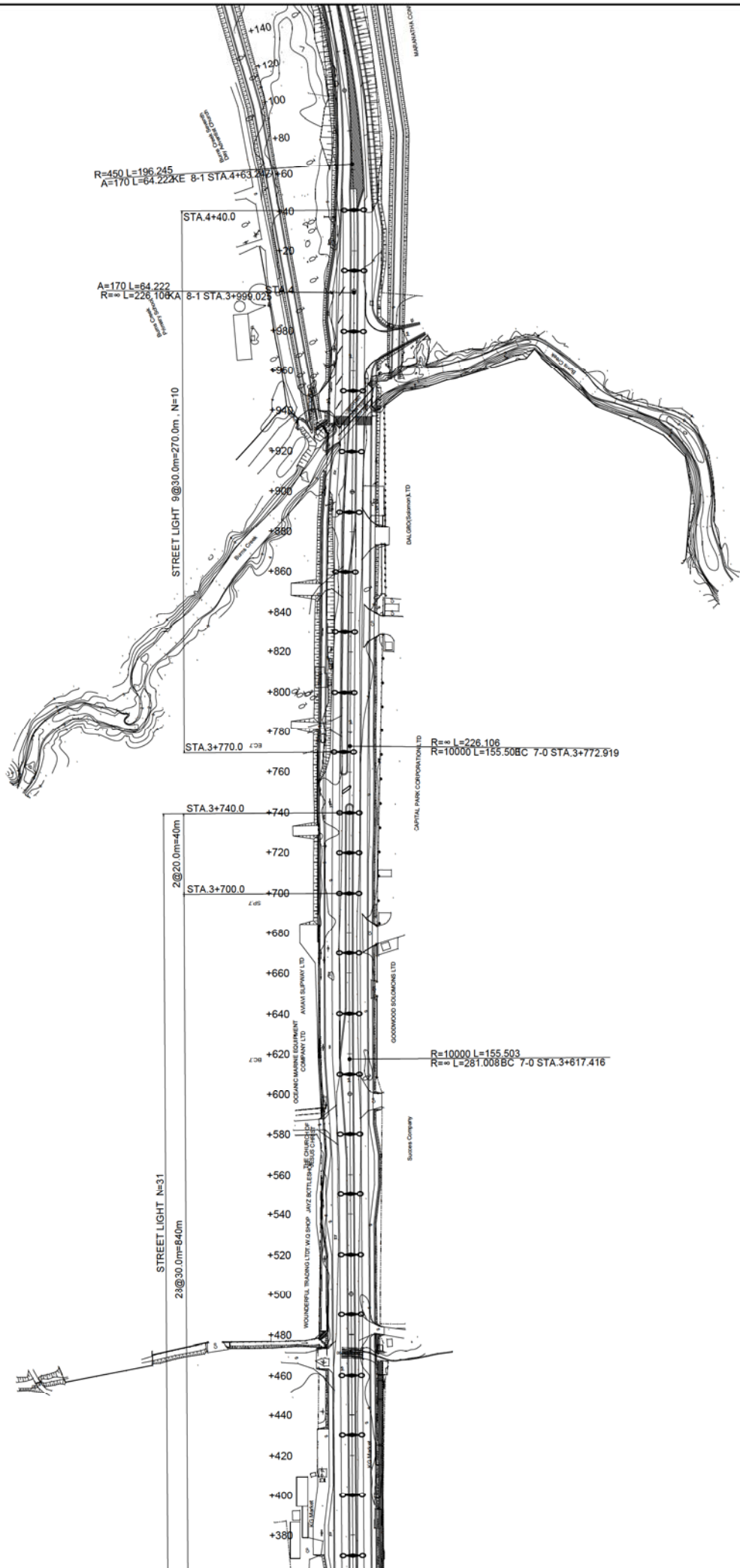
PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____

SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
INFRASTRUCTURE DEVELOPMENT
Approved by: _____ Date: _____



LAYOUT PLAN OF STREET LIGHTS (3) S=1:1,000



Drawing No.	084
SCALE	1:1,000
DATE	

TITLE:
LAYOUT PLAN OF STREET LIGHTS (3)

PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

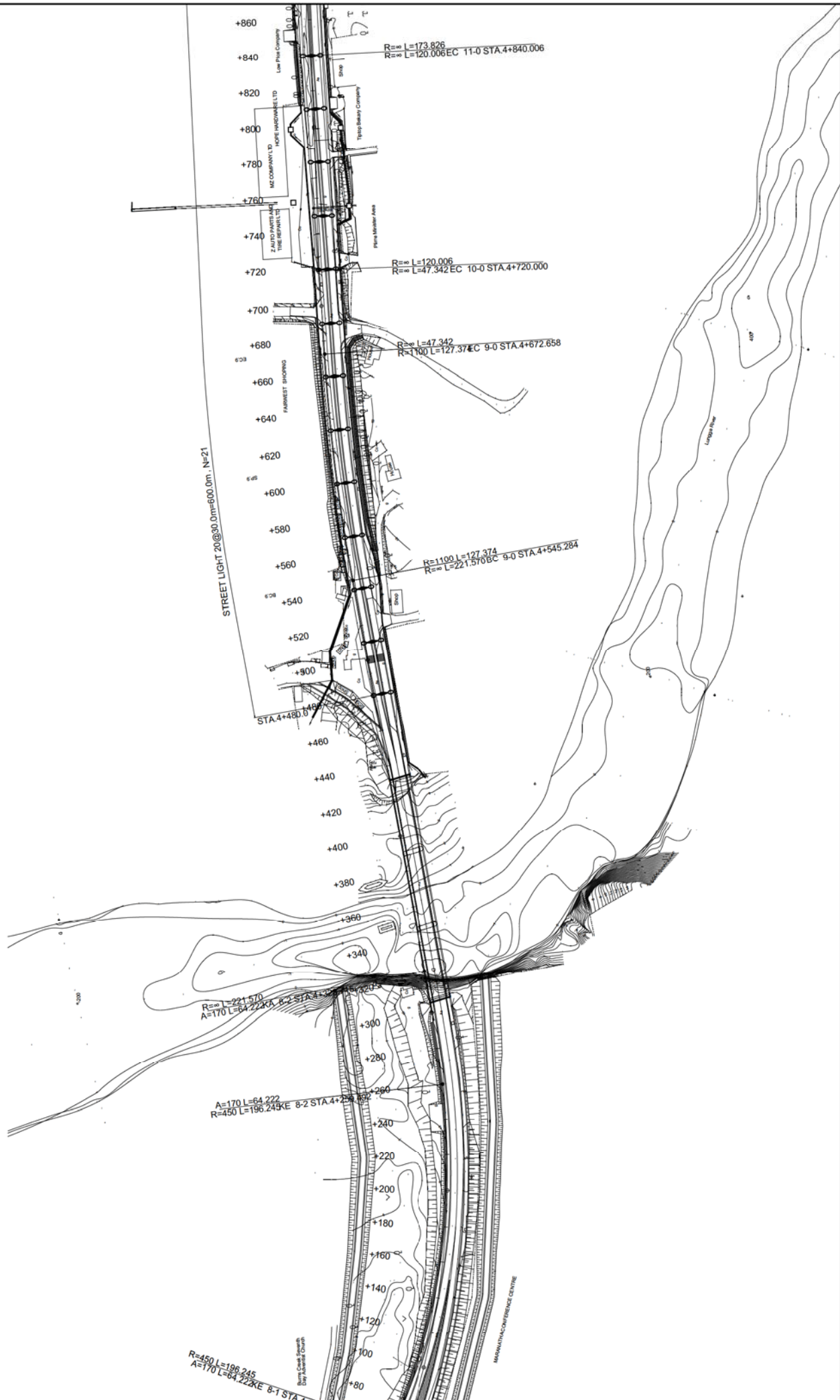
CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
INFRASTRUCTURE DEVELOPMENT
Approved by: _____ Date: _____



LAYOUT PLAN OF STREET LIGHTS (4) S=1:1,000



Drawing No.	085
SCALE	1:1,000
DATE	

TITLE:
LAYOUT PLAN OF STREET LIGHTS (4)

PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

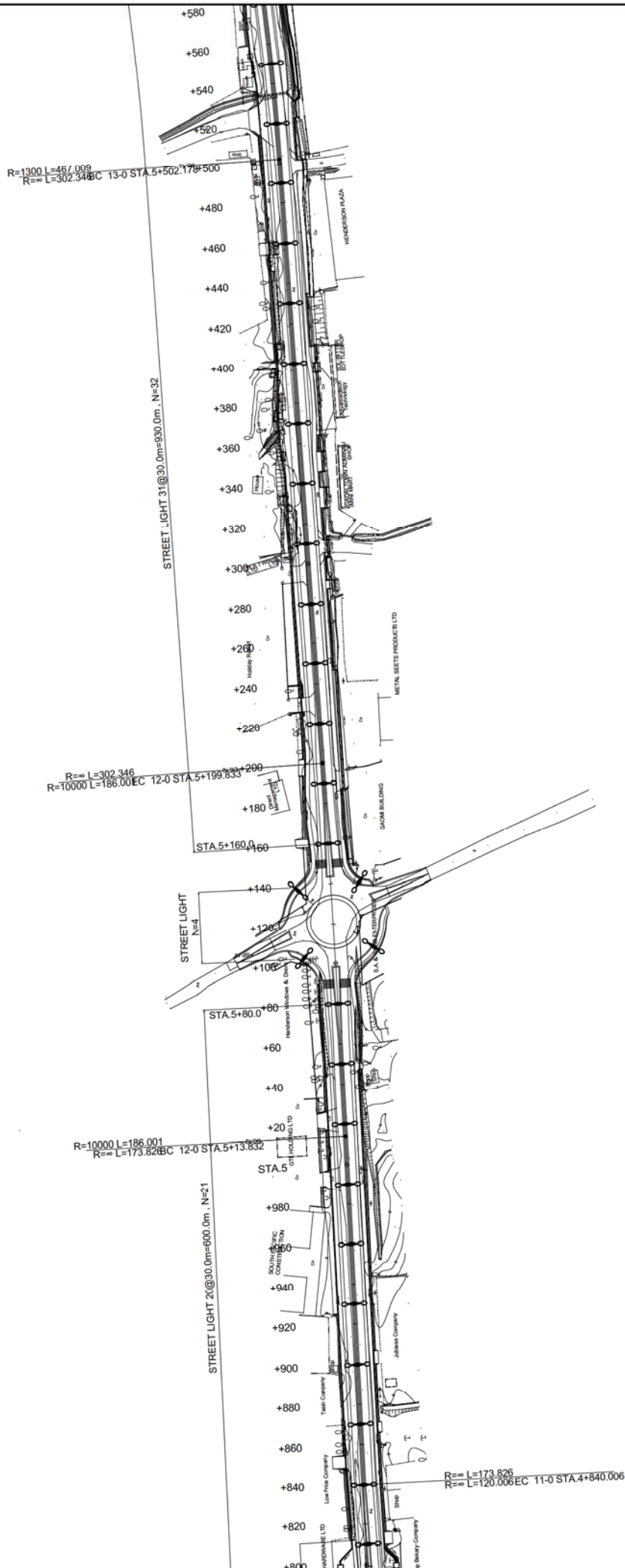
CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
INFRASTRUCTURE DEVELOPMENT
Approved by: _____ Date: _____



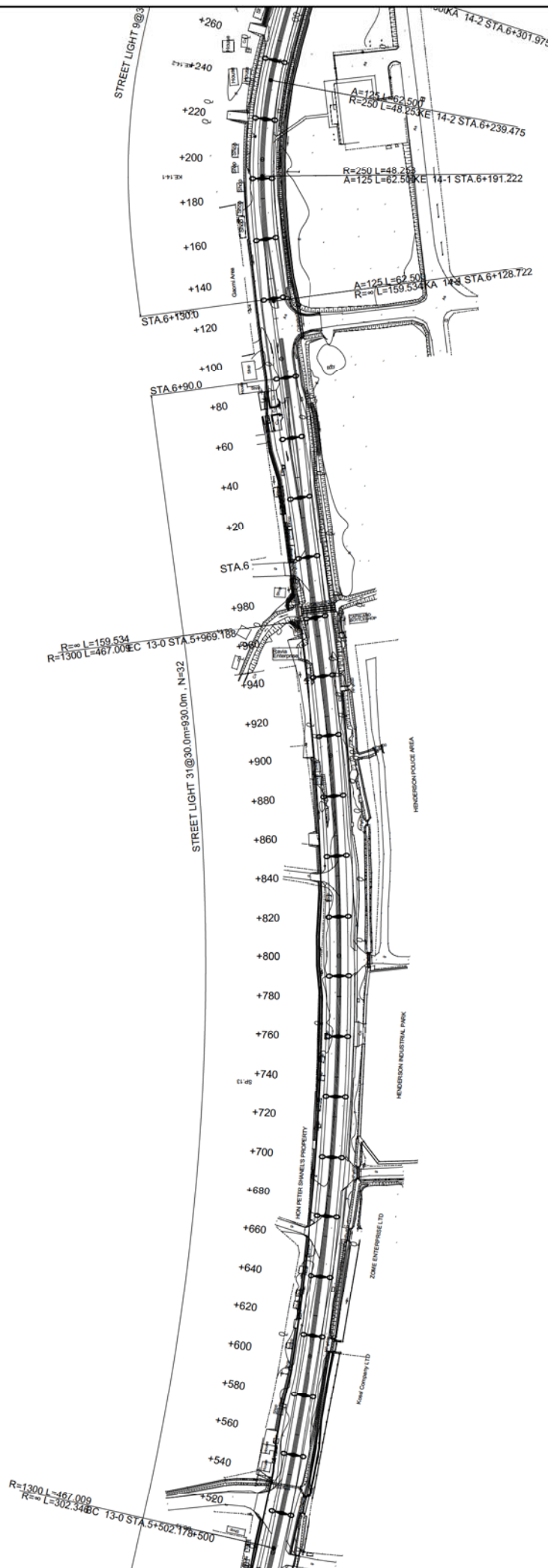
LAYOUT PLAN OF STREET LIGHTS (5) S=1:1,000




Drawing No. 086 SCALE 1:1,000 DATE	TITLE: LAYOUT PLAN OF STREET LIGHTS (5)	PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT
			CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____

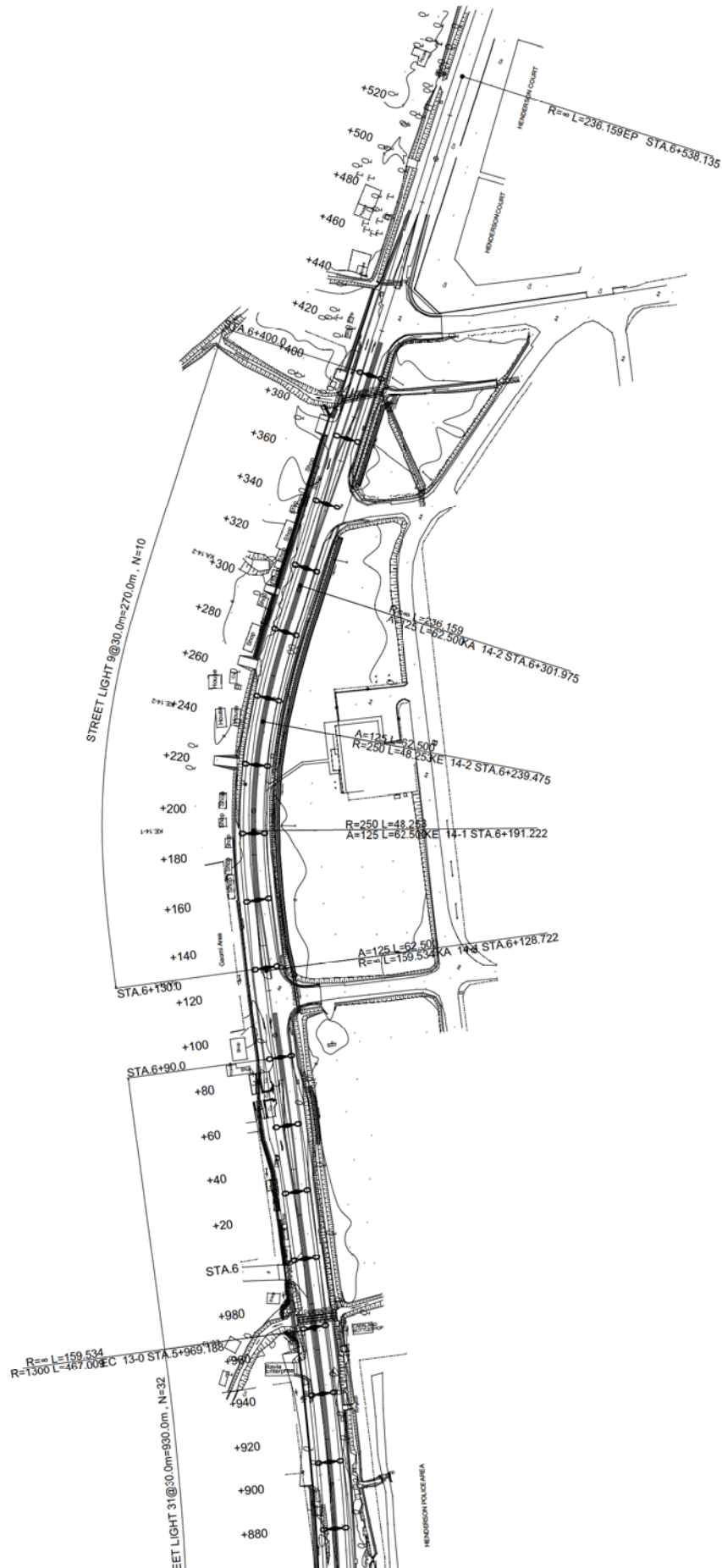


LAYOUT PLAN OF STREET LIGHTS (6) S=1:1,000



SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 087
			SCALE 1:1,000
		LAYOUT PLAN OF STREET LIGHTS (6)	DATE

LAYOUT PLAN OF STREET LIGHTS (7) S=1:1,000



Drawing No.	088
SCALE	1:1,000
DATE	

TITLE:
LAYOUT PLAN OF STREET LIGHTS (7)

PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

CTI ENGINEERING INTERNATIONAL CO., LTD.
Designed by: _____ Date: _____
Checked by: _____ Date: _____

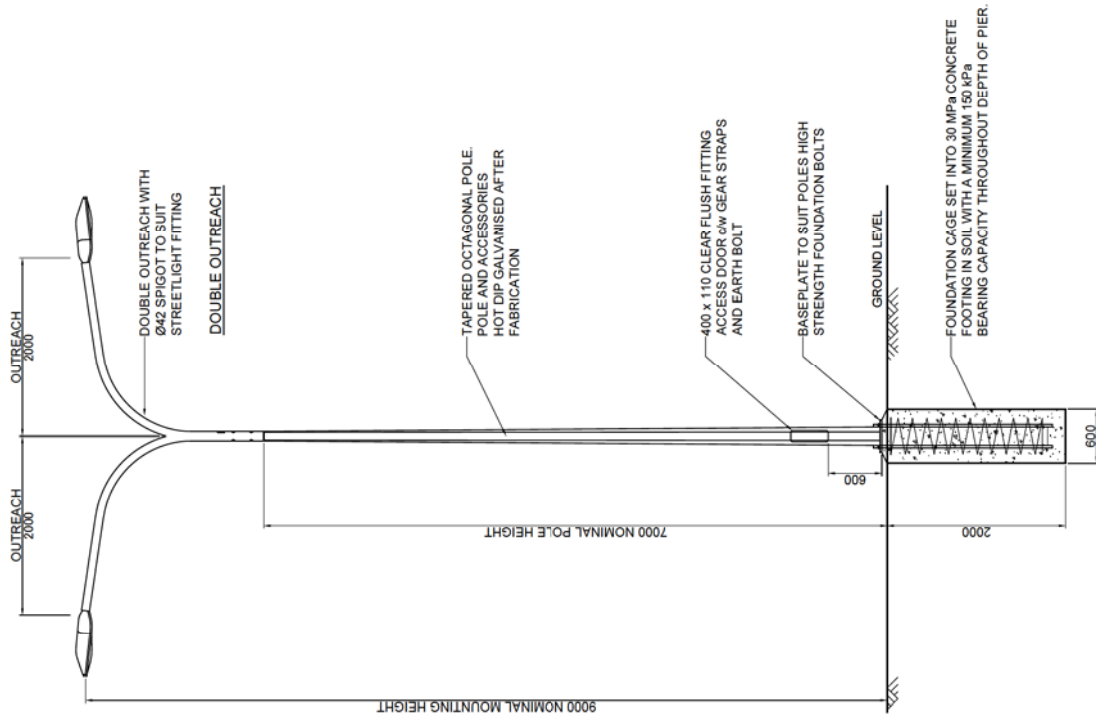



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
INFRASTRUCTURE DEVELOPMENT
Approved by: _____ Date: _____



STREET LIGHTS GENERAL DRAWING

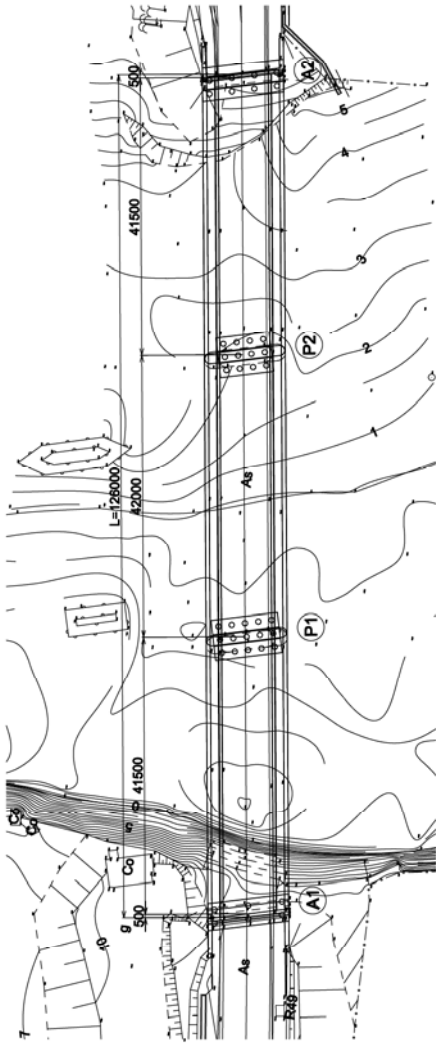
S=1:30



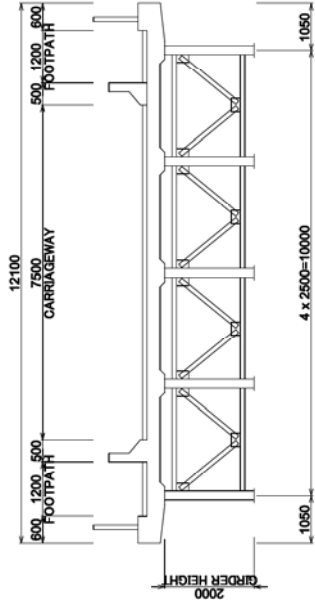
SOLOMON ISLANDS GOVERNMENT MINISTRY OF INFRASTRUCTURE DEVELOPMENT Approved by: _____ Date: _____	 CTI ENGINEERING INTERNATIONAL CO., LTD. Designed by: _____ Date: _____ Checked by: _____ Date: _____	TITLE: PREPARATORY SURVEY ON THE PROJECT FOR UPGRADING OF THE KUKUM HIGHWAY PHASE 2	Drawing No. 089
			SCALE 1:30
		DATE	

LUNGGA BRIDGE REPAIR GENERAL DRAWING

PLAN S=1:400



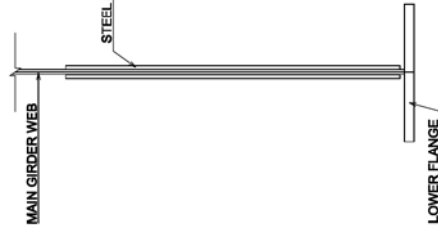
CROSS SECTION S=1:60



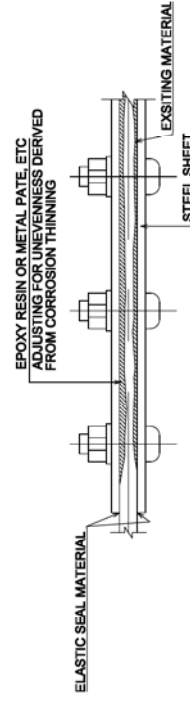
REPAIR PARTIAL ARRANGEMENT



TYPICAL CROSS SECTION S=1:6

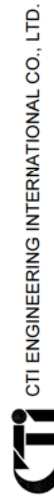


DETAIL OF STEEL SHEET REPAIR S=1:3



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF
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Date: _____



CTI ENGINEERING INTERNATIONAL CO., LTD.

Designed by: _____
Checked by: _____

Date: _____
Date: _____

PREPARATORY SURVEY ON
THE PROJECT FOR UPGRADING OF
THE KUKUM HIGHWAY PHASE 2

TITLE:

LUNGGA BRIDGE
REPAIR GENERAL DRAWING

Drawing No. 090

SCALE -

DATE -

