

[illegible]

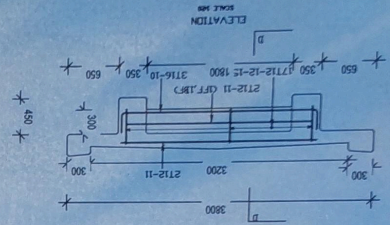
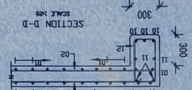
[illegible]

No. _____ DESCRIPTION _____ Made by _____ Date _____ CHECKED _____ DESIGNED _____ Ministry of Local Government P.O. Box 30312 Lilongwe Malawi		CONTRACT NAME: CONSTRUCTION OF BRIDGE TRACT No. _____ DESCRIPTION: DECK TRIMMER BEAM REINFORCEMENT DETAILS DATE: JULY 2022 SCALE: AS SHOWN MLC/03 DRAWING No. _____	
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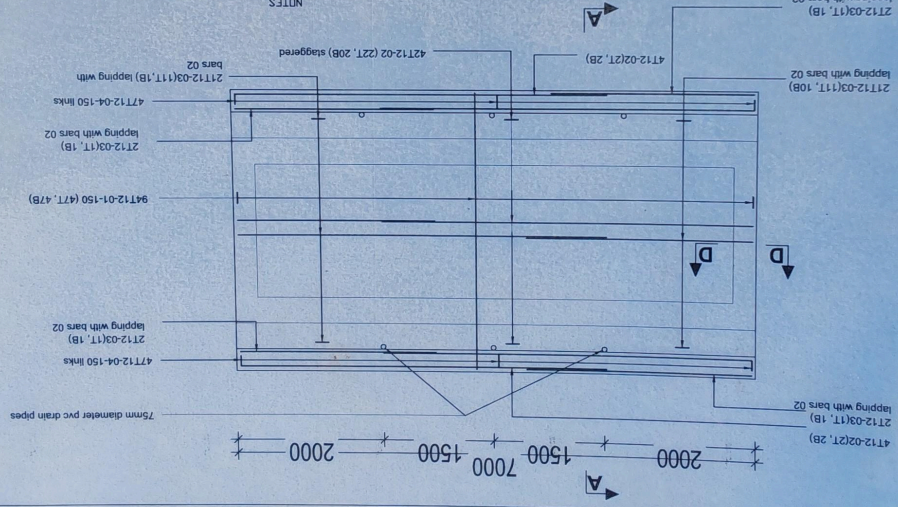
TRIMMER BEAM REINFORCEMENT DETAILS

NOTES

1. All dimensions in millimeters
2. All structural concrete for slab, main and trimmer beams shall be graded 30/20
3. The cover to the outer layer of reinforcement shall be as follows
4. Slab - 40mm
5. Main beams - 45mm
6. Trimmer beams - 45mm
7. Course aggregate shall be graded with a maximum size of 20mm
8. All reinforcement is noted thus
9. This means 148 No. 12mm diameter high yield deformed steel bars, of bar mark identification No. 02 spaced at 150mm centre to centre of which 74 bars are placed at 148/112-01-150 74/174B
10. Where bars are shown to be lapped, the length of the lap shall not be more than 50 times the diameter of the smaller bar lapped
11. This sheet (6) shall be read in conjunction with other sheets 1 to 4 and bending schedule



DECK PLAN



21T12-03 (11T, 18B) lapping with bars 02

47T12-02 (21T, 28B)

42T12-02 (22T, 20B) staggered

21T12-03 (11T, 18B) lapping with bars 02

47T12-04-150 links

94T12-01-150 (47T, 47B)

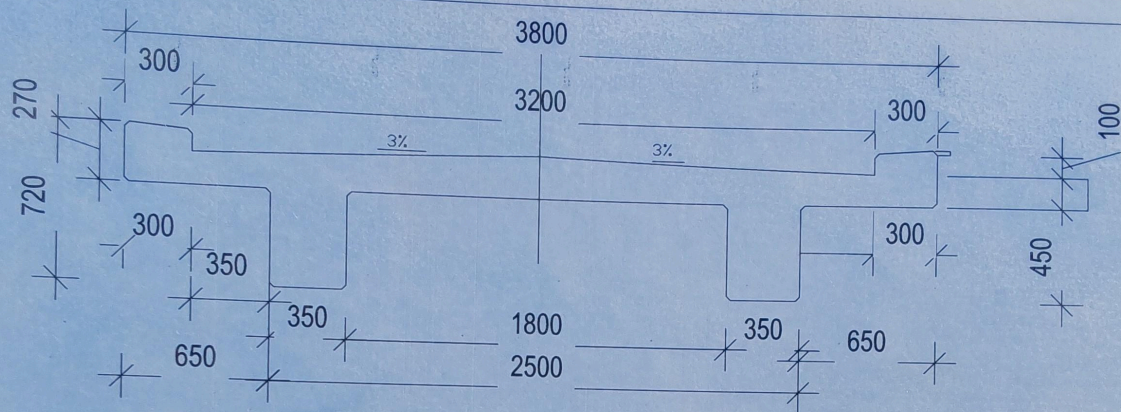
21T12-03 (11T, 18B) lapping with bars 02

47T12-04-150 links

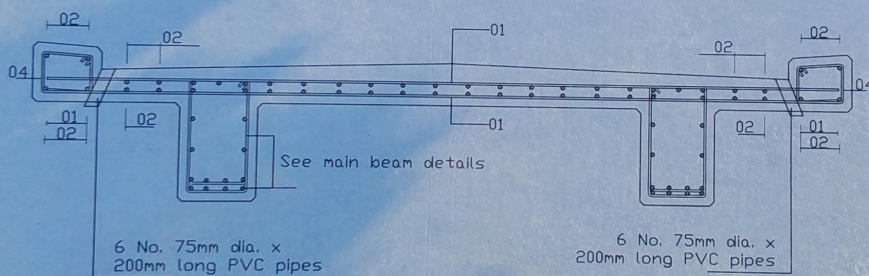
21T12-03 (11T, 18B) lapping with bars 02

47T12-02 (21T, 28B)

75mm diameter pvc drain pipes

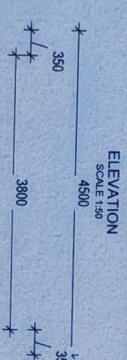


SINGLE LANE CROSS-SECTION
SCALE 1:20

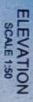


SECTION A-A
SCALE 1:20
SLAB REINFORCEMENT DETAILING

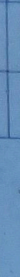
AMENDMENTS				DRAWN: C.D. Kauma	DESIGNED: 	Ministry of Local Government P.O. Box 30312 Lilongwe Malawi	CONTRACT NAME: CONSTRUCTION OF BRIDGE		DRAWING No. MLG/07
No.	DESCRIPTION	Made by	Date	CHECKED:			APPD:	CONTRACT No.	SCALE: AS SHOWN
							DESCRIPTION: Cross Section & Slab Reinforcement Detailing	DATE: JULY 2022	

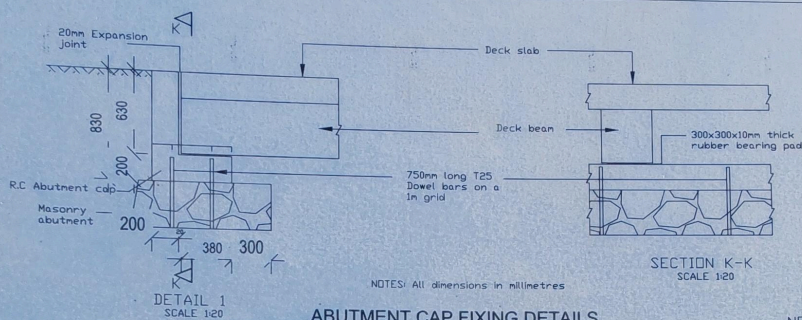


ELEVATION
SCALE 1:50

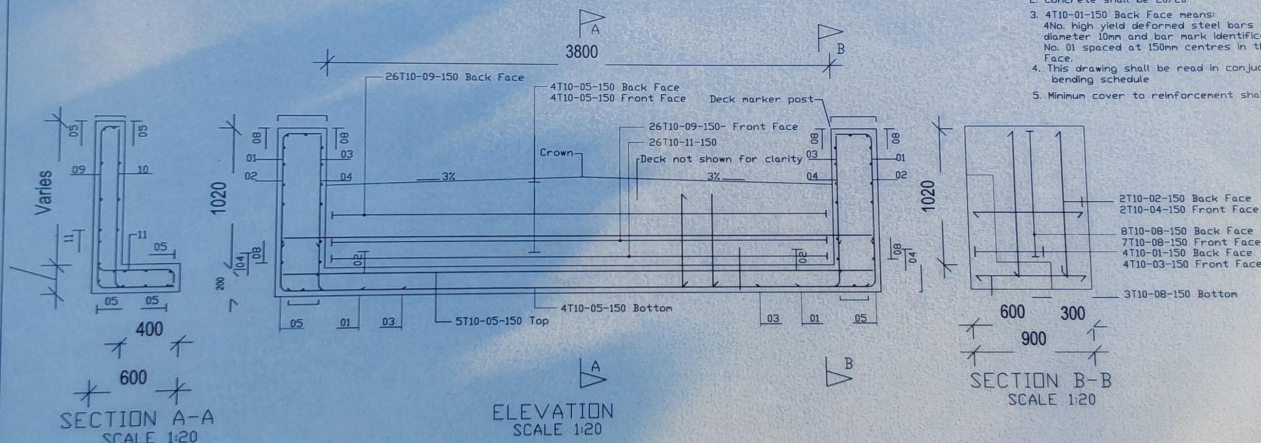


ELEVATION
SCALE 1:50

MINOR WORKS		STATUS	DESIGNED
NO.	DESCRIPTION	MADE BY	C.D. KASSA
		DATE	CHECKED
			APPROD.
 Ministry of Local Government P.O. Box 30312 Addis Ababa, Ethiopia			
CONTRACT NO.		DRAWING NO.	
CONTRACT DESCRIPTION: ABUTMENT & PIER GENERAL ARRANGEMENT		MLC/05	
SCALE: AS SHOWN		DATE: JULY 2022	



- NOTES**
1. All dimensions in millimetres.
 2. Concrete shall be 20/20
 3. 4T10-01-150 Back Face means:
 4. No. 4 high yield deformed steel bars (T) of diameter 10mm and bar mark identification No. 01 spaced at 150mm centres in the Back Face.
 4. This drawing shall be read in conjunction with bending schedule
 5. Minimum cover to reinforcement shall be 40mm.



ABUTMENT CAP R.C. DETAILS

AMENDMENTS				DESIGNED	DRAWN C.D. Kauria	CHECKED	APPD.	Ministry of Local Government P.O. Box 30312 Lilongwe Malawi	CONTRACT NAME: CONSTRUCTION OF BRIDGE	DRAWING No. MLG/02
No.	DESCRIPTION	Made by	Date							

CONTRACT No.:
10. DESCRIPTION: ABUTMENT CAP R.C. FIXING DETAILS

SCALE: AS SHOWN
DATE: JULY 2022