PUBLIC WORKS DEPARTMENT

STANDARD DRAWINGS





DRAWING NO.	DRAWING TITLE	VERSION
SD00	Index of Standard Drawings	August - 16
SD01	Gravel Wearing Course (6m) Arterial Road	August - 16
SD02	Gravel Wearing Course (5m) Arterial Road	August - 16
SD03	Gravel Wearing Course (4m) Arterial Road	August - 16
SD04	Gravel Wearing Course (3m) Arterial or Feeder Road	August - 16
SD05	Gravel Wearing Course (2.5m) Arterial or Feeder Road	August - 16
SD06	Bitumen Wearing Course (8m) Arterial Road	August - 16
SD06/a	Bitumen Wearing Course (8m) - Details Arterial Road	August - 16
SD07	Bitumen Wearing Course (7m) Arterial Road	August - 16
SD07/a	Bitumen Wearing Course (7m) - Details Arterial Road	August - 16
SD08	Bitumen Wearing Course (7m) Urban Road with Kerb	August - 16
SD09	Hill Road (4m) Arterial Road	August - 16
SD10	Concrete Pavement	August - 16
SD10/a	Concrete Pavement - Details	August - 16
SD11	Strip Concrete Pavement	August - 16
SD11/a	Strip Concrete Pavement - Details	August - 16
SD12	Stone Pavement	August - 16
SD13	Concrete Drift Plan & Section	August - 16
SD13/a	Concrete Drift Section BB & Details	August - 16
SD14	Grouted Stone or Dry Stone Packed Drift Plan & Section	August - 16
SD14/a	Grouted Stone or Dry Stone Packed Drift Section BB	August - 16

DRAWING NO.	DRAWING TITLE	VERSION
SD15	Gabion Retaining Wall and Land Protection	August - 16
SD16	Typical Mortared Random Rubble masonry Retaining Wall	August - 16
SD17	Typical Drawings for Drainage (Line drain/ unlined drain)	August - 16
SD18	Box Culvert (1mx1m)	August - 16
SD18/a	Box Culvert (1mx1m) Reinforcement Details 1	August - 16
SD18/b	Box Culvert (1mx1m) Reinforcement Details 2	August - 16
SD18/d	Box Culvert (1mx1m) Bar Bending Schedule 1	August - 16
SD18/e	Box Culvert (1mx1m) Bar Bending Schedule 2	August - 16
SD19	Typical Drawings for 1,050mm Pipe Culvert Single & Double, Reinforcement Details	August - 16
SD19/a	Typical Drawings for 1,050mm Pipe Culvert Triple, Reinforcement Details	August - 16
SD19/b	Typical Drawings for 1,050mm Pipe Culvert Single & Double, Elevation & Plan	August - 16
SD19/c	Typical Drawings for 1,050mm Pipe Culvert Details	August - 16
SD19/d	Typical Drawings for 1,050mm Pipe Culvert Single & Double, General and Section Views	August - 16
SD19/e	Typical Drawings for 1,050mm Pipe Culvert Triple, Section	August - 16
SD19/f	Typical Drawings for 1,050mm Pipe Culvert Apron, Head & Wing Wall Reinforcement Details	August - 16
SD20	Check Dam and Scour Check	August - 16
SD21	Road Safety Speed Hump A	August - 16

			DESIGNED BY:	JH	Public Works Department		PWD Standard Dra	wings	
			CAD BY:	ПА	Para Revenues and Para				
					Private Mail Bag 9044	DRAWING TITLE :	INDEX OF STANDARD DRAWINGS		
			REVISED BY:	AP					
2.	REVIEW	08/16					I		
1.	ORIGINAL ISSUE	09/12	APPROVED BY:	<u>CNI</u>	Tel:22888 / 33460	SCALE : NTS	DATE: May 2017	DRAWING NUMBER	1
No.	DESCRIPTION	DATE		SIN		NIO NIO	1114 2011	DivinitorionDER	





















































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Tel:22888 / 33460			

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No.

REVIEW

ORIGINAL ISSUE

DESCRIPTION

08/16

09/12

DATE

APPROVED BY:

Rein	forcement Details 2		S
DATE :	May 2017	DRAWING NUMBER	

SCALE : 1:25

Bar Bending schedule for Box culvert(Bottom slab)

Bar Bending schedule for Box culvert(Deck slab)

S.N.	Shape		Bar mark	Dia.	No.	Length (m)	Weight Kg/m)	Total wt. (kg)
1.0	1344	160	S7	16	31	1.664	1.58	81.50
2.0	160 1344	160	S7	16	31	1.664	1.58	81.50
3.0	5910	100	S5	10	9	6.11	0.62	34.1
4.0	100 5910	100	S5	10	9	6.11	0.62	34.1
5.0	121 - 421 - 420		U1	16	62	0.941	1.58	92.18
	TOTAL							323.38

S.N.	Shape	Bar Dia. mark		No.	Length (m)	Weight Kg/m)	Total wt. (kg)	
1.0	1364 160 160	S2	16	31	1.684	1.58	82.48	
2.0	160 1364 160	S1	16	41	1.684	1.58	109.09	
3.0	5910 100 100	S5	10	9	6.11	0.62	34.1	
4.0	100 5910 100	S5	10	9	6.11	0.62	34.1	
	TOTAL						259.77	

Bar Bending schedule for Box culvert(Wall))

S.N.	Shape	Bar mark	Dia.	No.	Length (m)	Weight Kg/m)	Total wt. (kg)
1.0	1114 160 160	S3	16	31	1.434	1.58	70.24
2.0	160 <u>1114</u> 160	S3	16	31	1.434	1.58	70.24
3.0	5910 100 100	S6	10	8	6.11	0.62	30.31
4.0	100 5910 100	S6	10	12	6.11	0.62	45.46
5.0	1 1 396 160	U2	16	31	0.787	1.58	38.55
6.0	160 81 21046	U3	12	31	0.497	0.89	13.7
	TOTAL						268.5
	FOR OTHER WALL						537.0

			DESIGNED BY:		JH	* 8-*	Public Works Department		PWD Standard	Drawings	
			CAD BY:		HA	Advantage lange Public	Private Mail Bag 9044		Box Culvert (1r	mX1m)	
2.	REVIEW	08/16	REVISED BY:	ED BY:			Thruto mail bag oo Th	DRAWING TITLE :	Bar Bending Sc	hedule 1	SD18/d
1.	ORIGINAL ISSUE	09/12			CN	Tel: 22888 / 33460		SCALE 1:50	DATE · May 2017	DRAWING NUMBER	
No.	DESCRIPTION	DATE			SN				sine: May 2011		

Bar Be	ar Bending schedule for Box culvert(Approch slab) Bar Bending schedule for Box culvert(Wing wall)												NOTES:			
S.N.	Shape	Bar mark	Dia.	No.	Length (m)	Weight Kg/m)	Total wt. (kg)	S.N.	Shape	Bar mark	Dia.	No.	Length (m)	Weight Kg/m)	Total wt. (kg)	 All dimensions are in millimeters unless otherwise specified Contractor is responsible for checking reinforcement quantity against the reinforcement detail drawings.
1.0	1001 (1667 jro	0 CR1	10	21	2.157	0.62	28.1	1.0	1034 120 120	(4)	12	10	1.274	0.89	11.34	
2.0	100 <u>1667</u> 10	0 CR1	10	21	2.157	0.62	28.1	2.0	120 500 650	(3)	12	10	1.270	0.89	11.30	
3.0	5910 100 10	0 DB1	10	2X3=6	6.11	0.62	22.73	3.0	2156 100 100	(6)	10	5	2.356	0.62	7.3	
4.0	100 5910 10	0 DB1	10	15	6.11	0.62	56.82	4.0	100 978 100	(6)	10	6	1.178	0.62	4.38	
5.0	310 1001 100	EX1	10	2X21=42	0.941	0.62	24.5	5.0	528 18	(7)	10	16	0.728	0.62	7.25	
6.0	TOTAL						160.25	6.0	100 2156 100	(6)	10	5	2.356	0.62	7.3	
	FOR TWO ,TOTAL						320.5		TOTAL						48.87	
Bar Be	nding schedule for Boy culvert/Kerb)							Por Pondir	For four , total						195.48	
		Bar	D:		Lenath	Weight	Total wt.			Bar	Dia	No	Length	Weight	Total wt	
S.N.	Shape	mark	Dia.	No.	(m)	Kg/m)	(kg)	5.N.	Snape	mark	Dia.	NU.	(m)	Kg/m)	(kg)	
1.0	1348	0	12	4	1.588	0.89	5.65	1.0	888 120 120	(9)	12	21	1.128	0.89	21.1	
2.0	415 405		10	11	1.640	0.62	11.18	2.0	120 888 120	(9)	12	21	1.128	0.89	21.1	
	295							3.0	4890 100 100	(10)	10	5	5.096	0.62	15.78	
3.0	TOTAL						16.84	4.0	100 4890 100	(10)	10	5	5.096	0.62	15.78	
	For two side TOTAL						33.67	5.0	1640 120 120	(3)	12	8	1.88	0.89	13.4	
					G	GRAND TOTAL	1872.32kg	6.0	100 <u>1690</u> 100	(8)	10	12	1.890	0.62	14.1	
									TOTAL						101.26	
									For Two , total						202.52	
			1			<u> </u>										
	DES	IGNED BY:			J	H	*	t ∗ Pi	ublic Works Department				PW	D Sta	ndard	Drawings
	CAD	ISED RY					Entrate wears into the		Private Mail Bag 9044	DRAWING	TITLE :		Bo Bar	x Culv Bendi	ert (1m ng Sch	X1m) edule 2
2. 1.	REVIEW 08/16 ORIGINAL ISSUE 09/12 APP	ROVED BY:					Fel: 22888 / 3	3460	-	SCALE :	1:50		DATE :	Mav 2	2017	DRAWING NUMBER
No.	DESCRIPTION DATE													y =		

















LAYOUT



FRONT VIEW



SECTION A-A



SECTION AT X-X



NOTE : CHECK DAM HEIGHT MAXIMUM 4m.

			DESIGNED BY:	JH	* Public Works Department	PWD Standard Drawings					
			CAD BY:	HA							
			REVISED BY	AP	Private Mail Bag 9044	DRAWING TITLE :	Check Dam and	Sour CHeck	0000		
2.	REVIEW	08/16		7.0			i		5DZU		
1.	ORIGINAL ISSUE	09/12	APPROVED BY:	<u>QNI</u>	Tel:22888 / 33460	SCALE : NTS	DATE: May 2017	DRAWING NUMBER			
No.	DESCRIPTION	DATE		SIN		NIO	111ay 2011	Division			

