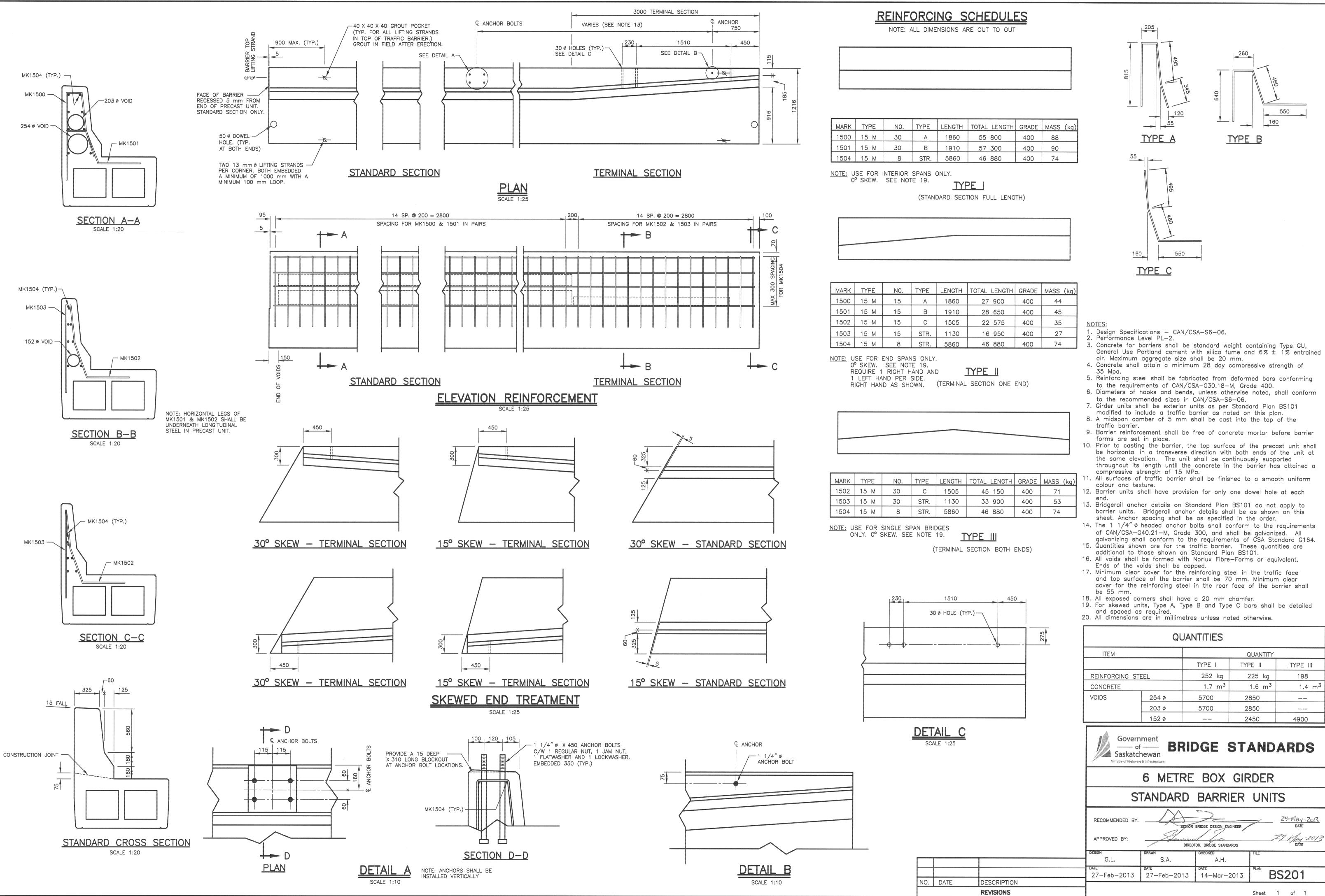


MARK NO.	SIZE	NO.	TYPE	LENGTH	TOTAL LENGTH	GRADE	MASS kg
1000	10 M	24	С	530	12 720	400	10
1001	10 M	26	A	2270	59 020	400	46
1002	10 M	40	В	1830	73 200	400	57
1003	10 M	34	D	795	27 030	400	21
1004	10 M	6	STR.	5 930	35 580	400	28
1005	10 M	2	STR.	3 200	6 400	400	5
STRANDS	15ø	8	STR.	6 000	48 000	1860	53

- 14. Galvanizing shall conform to the requirements of CSA Standard G164.
- uniform colour and texture. Other surfaces shall have all pockets filled

- nuts conforming to the requirements of ASTM specification A563, Grade DH. Nuts shall be galvanized and taped oversized in accordance with ASTM Specification A563.

QUANTITIES					
ITEM	TOTAL QUANTITY				
CONCRETE (STANDARD WEIGHT)	2.5 m <sup>3</sup>				
PRESTRESSING STRANDS (Grade 1860 MPa)	53 kg				
REINFORCING STEEL (Grade 400 MPa)	167 kg				
STANDARD PRECAST PRESTRESSED CONCRETE STRINGER 6 METRE BOX					
RECOMMENDED BY: APPROVED BY: APPROVED BY: APPROVED BY: DITE DIT					
la transmissione and the second se	DATE				
S.A. DRAWN CHECKED FILE FILE	DATE				

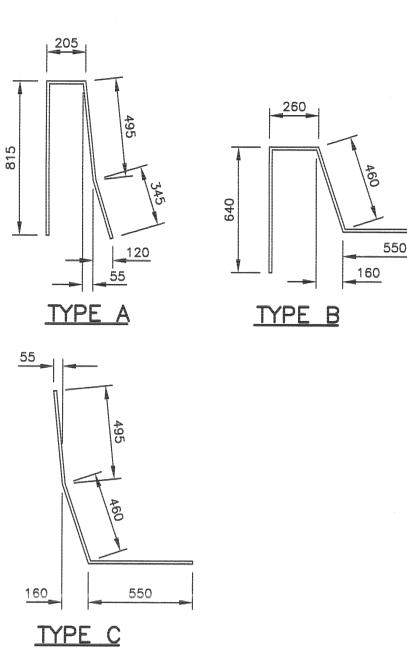


ΈE	LENGTH	TOTAL LENGTH	GRADE	MASS	(kg)
А	1860	55 800	400	88	
В	1910	57 300	400	90	
STR.	5860	46 880	400	74	

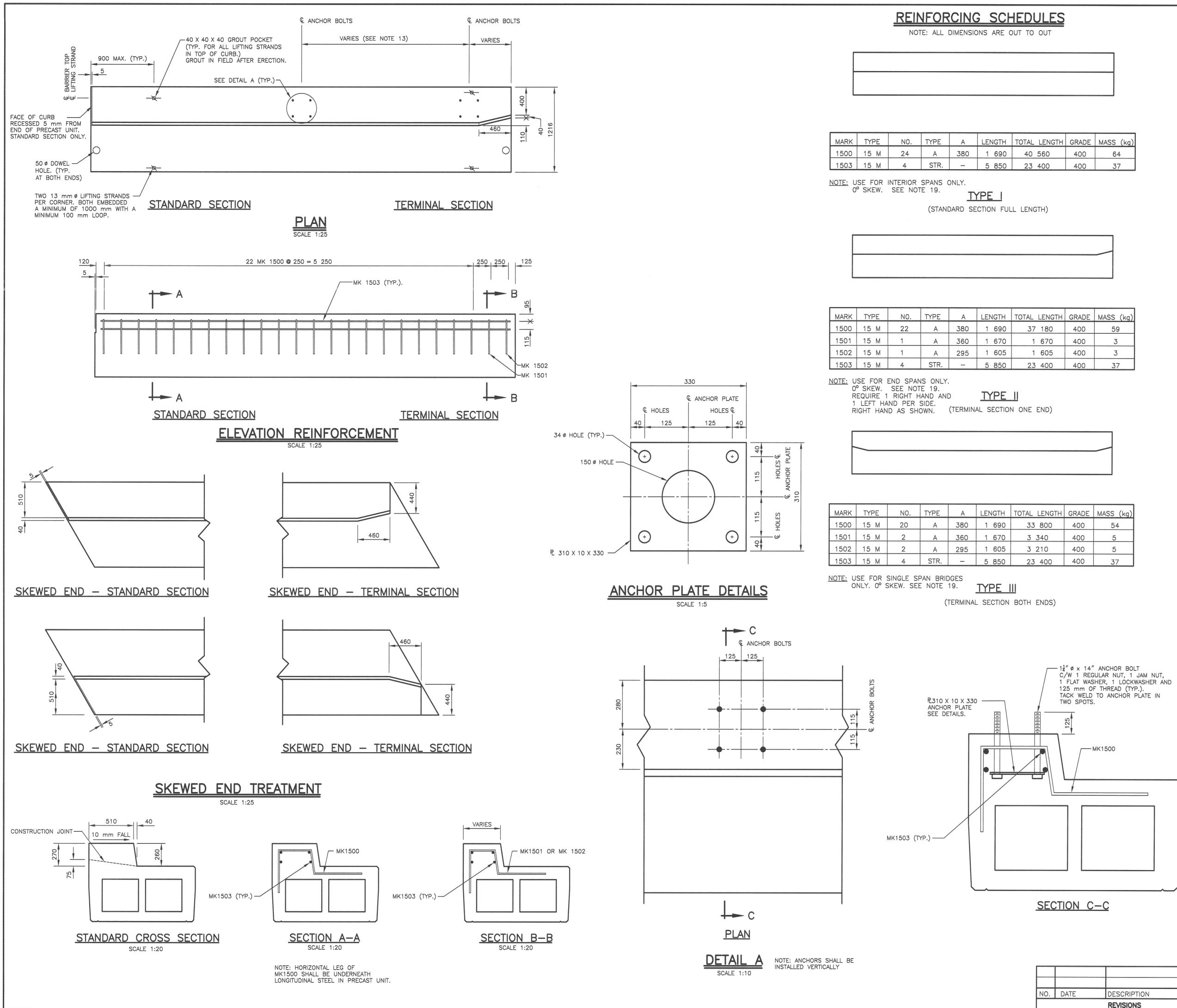
AND DESCRIPTION OF A DE	AND INCOMENTS IN THE OWNER AND		

PE	LENGTH	TOTAL LENGTH	GRADE	MASS (kg)
А	1860	27 900	400	44
В	1910	28 650	400	45
С	1505	22 575	400	35
TR.	1130	16 950	400	27
TR.	5860	46 880	400	74

		· · · · · · · · · · · · · · · · · · ·		
PE	LENGTH	TOTAL LENGTH	GRADE	MASS (kg)
С	1505	45 150	400	71
TR.	1130	33 900	400	53
TR.	5860	46 880	400	74



QUANTITIES						
ITEM	ITEM QUANTITY					
		TYPE I	TYPE II	TYPE III		
REINFORCING STEEL		252 kg	225 kg	198		
CONCRETE	CONCRETE		1.6 m <sup>3</sup>	1.4 m <sup>3</sup>		
VOIDS	254 Ø	5700	2850			
	203 Ø	5700	2850	akinin manim		
	152 Ø		2450	4900		



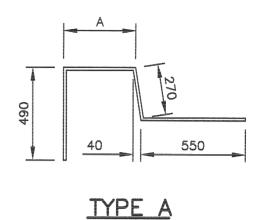
		_
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ENGTH	GRADE	MASS (kg)
50	400	64
00	400	37

territoria di

ENGTH	GRADE	MASS (kg)
80	400	59
570	400	3
805	400	3
100	400	37

ENGTH	GRADE	MASS (kg)		
300	400	54		
-0	400	5		
0	400	5		
-00	400	.37		





- 2. Performance Level PL-2 when used in conjunction with a Standard Type 5 steel bridgerail.
- 3. Concrete for curbs shall be standard weight containing Type GU, General Use Portland cement with silica fume and 6%  $\pm$ 1% entrained air. Maximum aggregate size shall be 20 mm. 4. Concrete shall attain a minimum 28 day compressive strength of
- 35 MPa. 5. Reinforcing steel shall be fabricated from deformed bars conforming
- to the requirements of CAN/CSA-G30.18-M, Grade 400. 6. Diameters of bends in reinforcing shall conform to the
- recommended sizes in CAN/CSA-S6-06. Girder units shall be exterior units as per Standard Plan BS101
- modified to include a traffic curb as noted on this plan.
- 8. A midspan camber of 5 mm shall be cast into the top of the traffic curb.
- 9. Curb reinforcement shall be free of concrete mortar before curb forms are set in place.
- 10. Prior to casting the curb, the top surface of the precast unit shall be horizontal in the transverse direction with both ends of the unit at the same elevation. The unit shall be continuously supported throughout its length until the concrete in the curb has attained a compressive strength of 15 MPa.
  11. All surfaces of the traffic curb shall be finished to a smooth uniform colour and toxture.
- uniform colour and texture.
- 12. Curb units shall have provision for only one dowel hole at each end.
- 13. Bridgerail anchor details on Standard Plan BS101 do not apply to curb units. Bridgerail anchor details shall be as shown on this plan. Anchor spacing shall be as specified in the order.
  14. The 1 ¼″ ø headed anchor bolts shall conform to the requirements
- of ASTM Specification A307 and shall be galvanized. All galvanizing shall conform to the requirements of CSA Standard G164.
- 15. Anchor plates shall be fabricated from structural steel conforming to the requirements of CAN/CSA-G40.21, Grade 300W.
- 16. Quantities shown are for the traffic curb. These quantities are in addition to those shown on Standard Plan BS101.
- 17. Minimum clear cover for the reinforcing steel in the traffic face, top surface and rear face of the traffic curb shall be 70 mm.
- 18. All exposed corners shall have a 20 mm chamfer.
- 19. For skewed units, Type A bars shall be detailed and spaced as
- required. 20. All dimensions are in millimeter unless noted otherwise.

CONCRETE

G	QUANTITIES					
ITEM		QUANTITY				
	TYPE I	TYPE II	TYPE III			
REINFORCING STEEL	101 kg	102 kg	101 kg			

 $0.9 \text{ m}^3$ 

0.9 m<sup>3</sup>

0.9 m<sup>3</sup>

Govern Govern Saskatch Ministry of Highway	newan BRIC	DGE ST	ANDA	RDS		
6 METRE BOX GIRDER						
STANDARD CURB UNITS						
RECOMMENDED BY:	SENIOR	BRIDGE DESIGN ENGINEER	7 2	9-11/14y 7013 DATE		
APPROVED BY: DIRECTOR, BRIDGE STANDARDS DATE						
G.L.	drawn S.A.	CHECKED A.H.	FILE	DATE		
27-Feb-2013	<sup>DATE</sup> 27–Feb–2013	DATE 14-Mar-2013	BS.	301		
			Sheet 1	of 1		