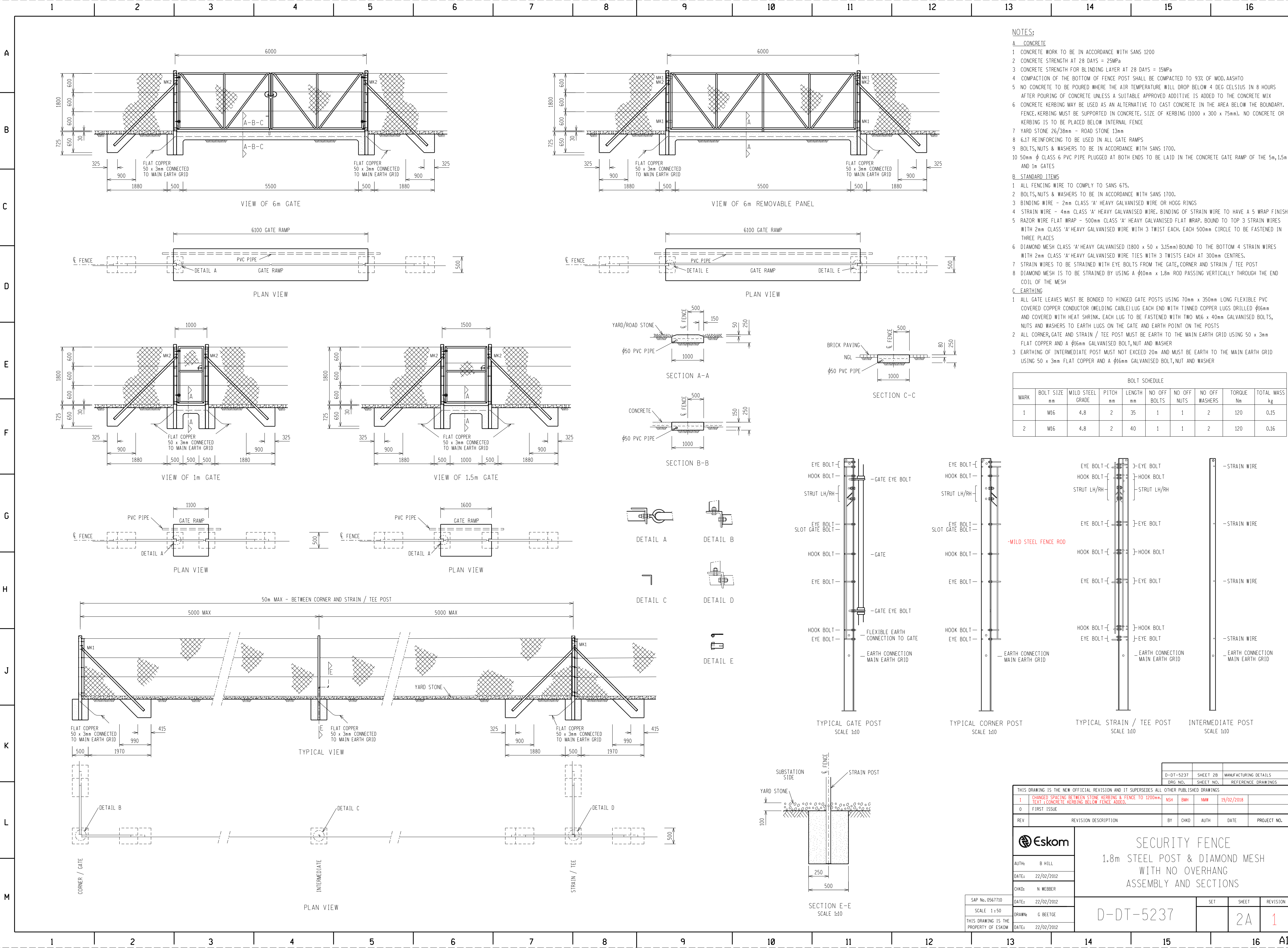




NOTES:

A CONCRETE

- 1 CONCRETE WORK TO BE IN ACCORDANCE WITH SANS 1200
- 2 CONCRETE STRENGTH AT 28 DAYS = 25MPa
- 3 CONCRETE STRENGTH FOR BLINDING LAYER AT 28 DAYS = 15MPa
- 4 COMPACTION OF THE BOTTOM OF FENCE POST SHALL BE COMPACTED TO 93% OF MOD.AASHTO
- 5 NO CONCRETE TO BE POURED WHERE THE AIR TEMPERATURE WILL DROP BELOW 4 DEG CELSIUS IN 8 HOURS AFTER POURING OF CONCRETE UNLESS A SUITABLE APPROVED ADDITIVE IS ADDED TO THE CONCRETE MIX
- 6 CONCRETE KERBING MAY BE USED AS AN ALTERNATIVE TO CAST CONCRETE IN THE AREA BELOW THE BOUNDARY. FENCE KERBING MUST BE SUPPORTED IN CONCRETE. SIZE OF KERBING (1000 x 300 x 75mm). NO CONCRETE OR KERBING IS TO BE PLACED BELOW INTERNAL FENCE
- 7 YARD STONE 26/38mm - ROAD STONE 13mm
- 8 6.17 REINFORCING TO BE USED IN ALL GATE RAMPS
- 9 BOLTS, NUTS & WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
- 10 50mm ϕ CLASS 6 PVC PIPE PLUGGED AT BOTH ENDS TO BE LAID IN THE CONCRETE GATE RAMP OF THE 5m, 1.5m AND 1m GATES

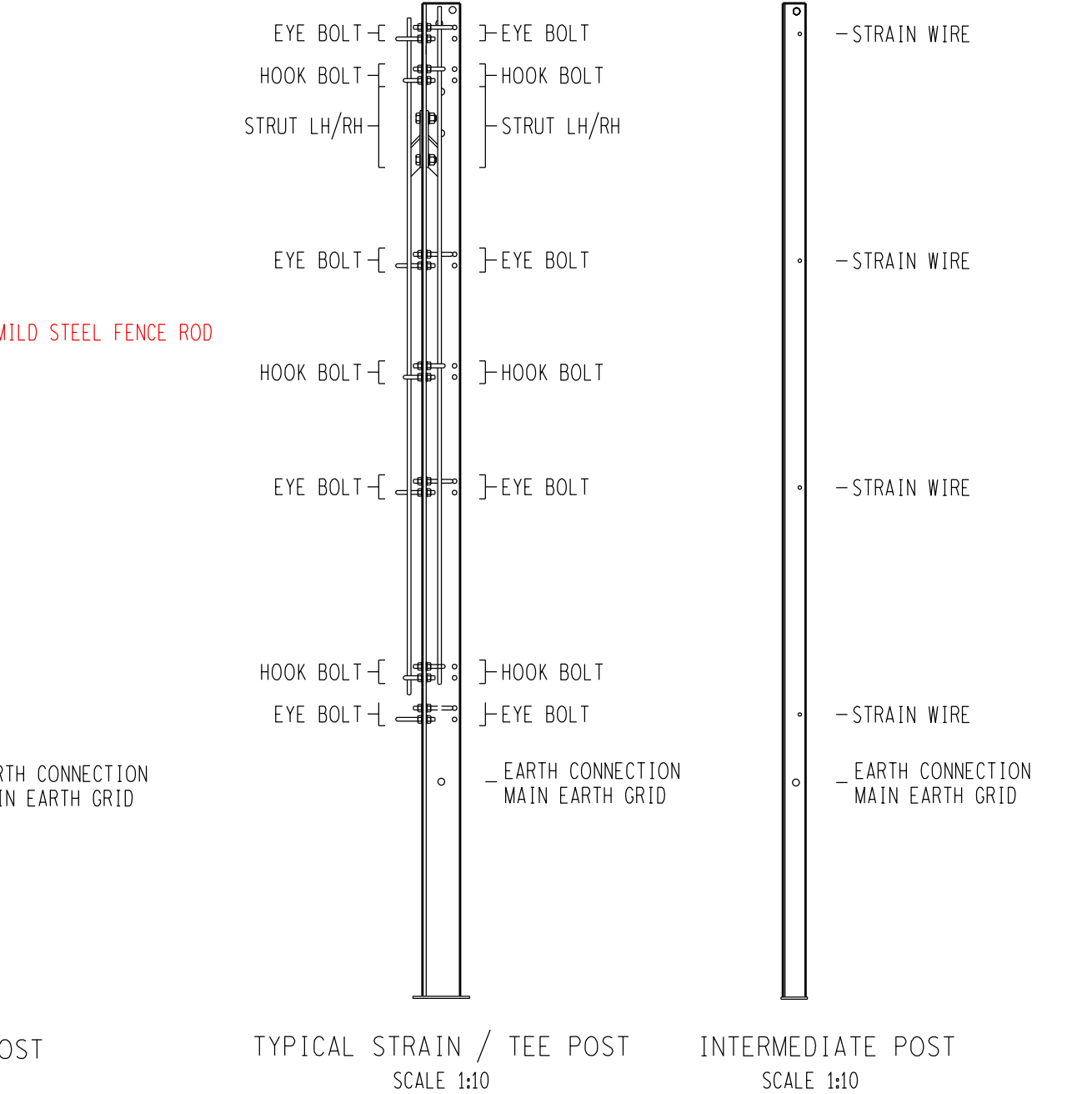
B STANDARD ITEMS

- 1 ALL FENCING WIRE TO COMPLY TO SANS 675.
- 2 BOLTS, NUTS & WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
- 3 BINDING WIRE - 2mm CLASS 'A' HEAVY GALVANISED WIRE OR HOGG RINGS
- 4 STRAIN WIRE - 4mm CLASS 'A' HEAVY GALVANISED WIRE. BINDING OF STRAIN WIRE TO HAVE A 5 WRAP FINISH
- 5 RAZOR WIRE FLAT WRAP - 500mm CLASS 'A' HEAVY GALVANISED FLAT WRAP. BOUND TO TOP 3 STRAIN WIRES WITH 2mm CLASS 'A' HEAVY GALVANISED WIRE WITH 3 TWIST EACH. EACH 500mm CIRCLE TO BE FASTENED IN THREE PLACES
- 6 DIAMOND MESH CLASS 'A' HEAVY GALVANISED (1800 x 50 x 3.15mm) BOUND TO THE BOTTOM 4 STRAIN WIRES WITH 2mm CLASS 'A' HEAVY GALVANISED WIRE TIES WITH 3 TWISTS EACH AT 300mm CENTRES.
- 7 STRAIN WIRES TO BE STRAINED WITH EYE BOLTS FROM THE GATE, CORNER AND STRAIN / TEE POST
- 8 DIAMOND MESH IS TO BE STRAINED BY USING A ϕ 10mm x 1.8mm ROD PASSING VERTICALLY THROUGH THE END COIL OF THE MESH

C EARTHING

- 1 ALL GATE LEAVES MUST BE BONDED TO HINGED GATE POSTS USING 70mm x 350mm LONG FLEXIBLE PVC COVERED COPPER CONDUCTOR (WELDING CABLE) LUG EACH END WITH TINNED COPPER LUGS DRILLED ϕ 16mm AND COVERED WITH HEAT SHRINK. EACH LUG TO BE FASTENED WITH TWO M16 x 40mm GALVANISED BOLTS, NUTS AND WASHERS TO EARTH LUGS ON THE GATE AND EARTH POINT ON THE POSTS
- 2 ALL CORNER, GATE AND STRAIN / TEE POST MUST BE EARTH TO THE MAIN EARTH GRID USING 50 x 3mm FLAT COPPER AND A ϕ 16mm GALVANISED BOLT, NUT AND WASHER
- 3 EARTHING OF INTERMEDIATE POST MUST NOT EXCEED 20m AND MUST BE EARTH TO THE MAIN EARTH GRID USING 50 x 3mm FLAT COPPER AND A ϕ 16mm GALVANISED BOLT, NUT AND WASHER

BOLT SCHEDULE								
MARK	BOLT SIZE mm	MILD STEEL GRADE	PITCH mm	LENGTH mm	NO OFF BOLTS	NO OFF NUTS	NO OFF WASHERS	TORQUE Nm
1	M16	4.8	2	35	1	1	2	120
2	M16	4.8	2	40	1	1	2	120
TOTAL MASS kg								



THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS				D-DT-5237		SHEET 2B		MANUFACTURING DETAILS			
				DRG NO.		SHEET NO.		REFERENCE DRAWINGS			
1	CHANGED SPACING BETWEEN STONE KERBING & FENCE TO 1200mm. TEXT - CONCRETE KERBING BELOW FENCE ADDED.			NSH	BMH	NMW	19/02/2018				
0	FIRST ISSUE										
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	PROJECT NO.			
				SECURITY FENCE 1.8m STEEL POST & DIAMOND MESH WITH NO OVERHANG ASSEMBLY AND SECTIONS							
AUTH: B HILL											
DATE: 22/02/2012											
CHKD: N WEBBER											
DATE: 22/02/2012											
DRAWN: G BEETGE				D-DT-5237		SET		SHEET		REVISION	
DATE: 22/02/2012								2A		1	