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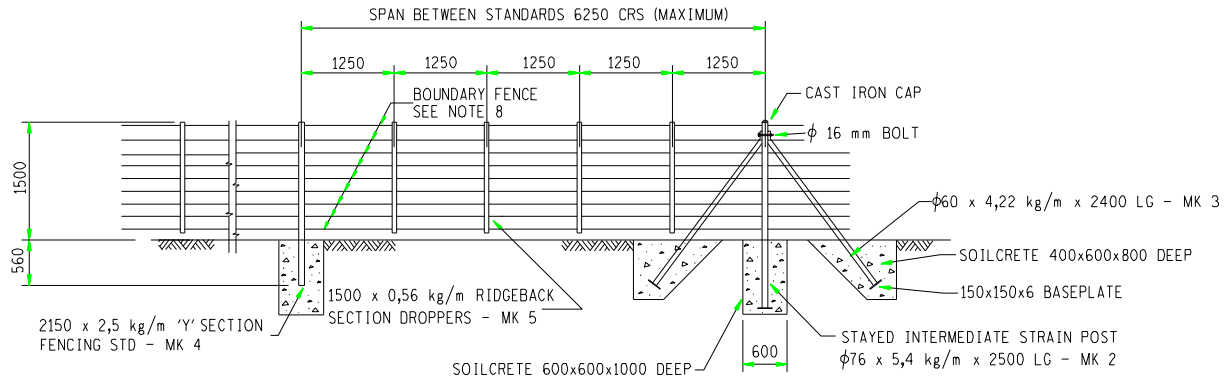
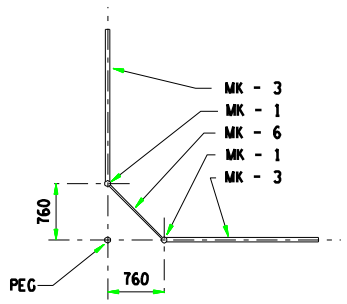
STANDARDS
SPACING 6,25m c/c MAX

END-, CORNER AND STRAIN POST
SPACING 37,5m c/c MAX



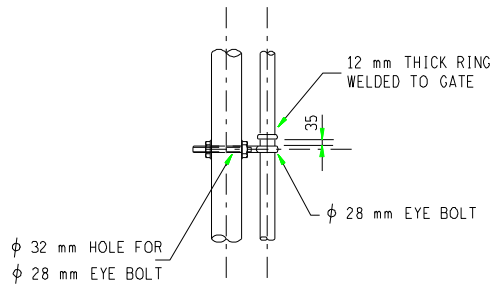
TYPICAL ELEVATION OF SPAN

SCALE 1:50



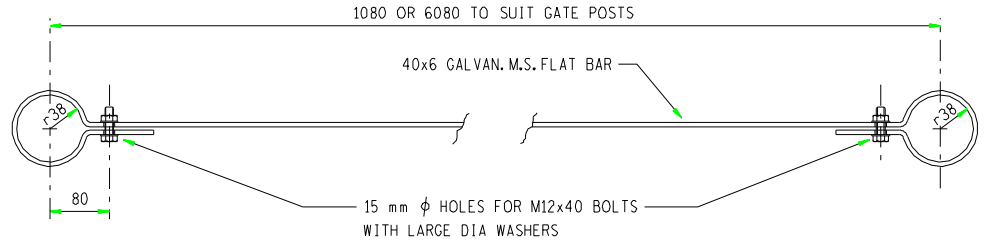
DETAIL AT PEGS

SCALE 1:50



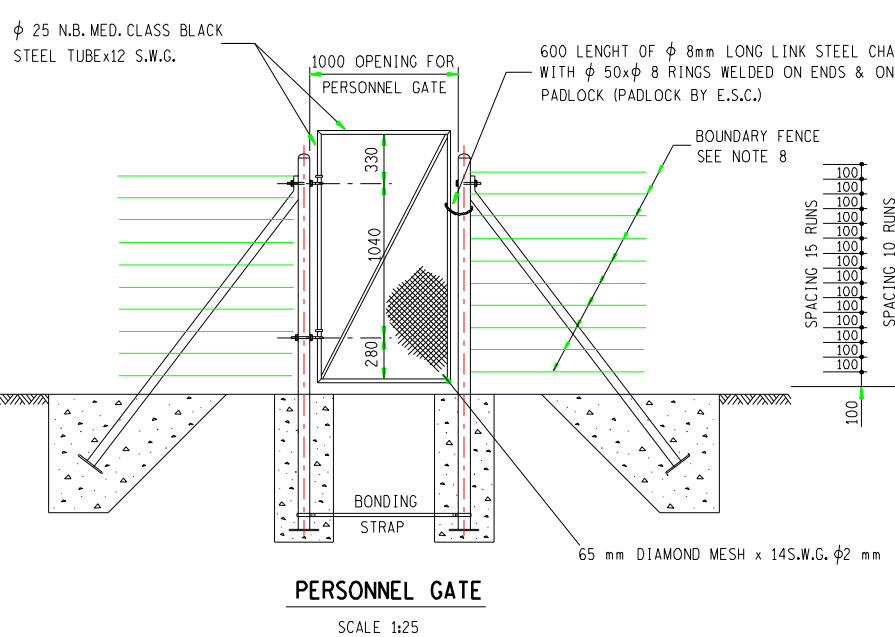
DETAIL OF GATE HINGE

SCALE 1:10



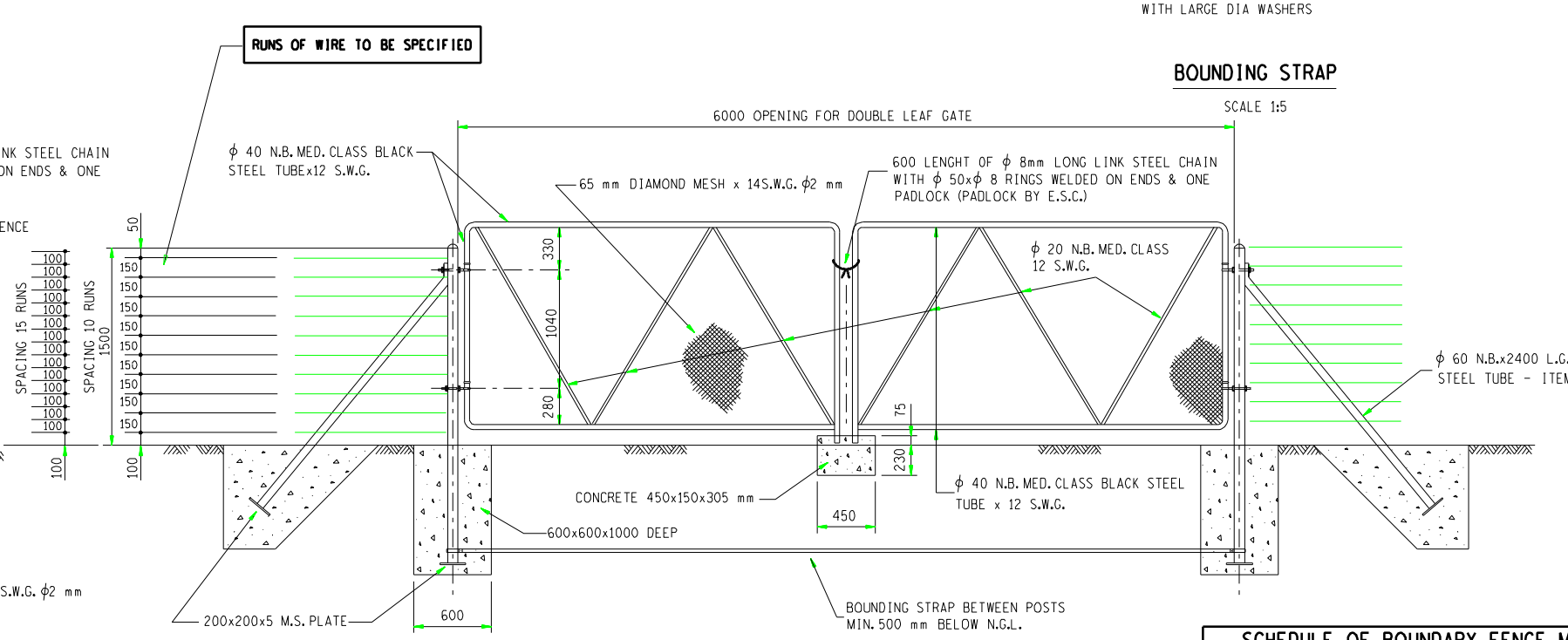
BOUNDING STRAP

SCALE 1:5



PERSONNEL GATE

SCALE 1:25



ARRANGEMENT OF MAIN GATEWAY

SCALE 1:25

GENERAL NOTES

1. TYING WIRE TO BE 2.5 mm DIA MILD STEEL LIGHTLY GALVANISED WIRE FOR TYING FENCING WIRE TO STANDARDS AND DROPPERS.
2. ALL FENCING WIRE TO COMPLY TO SABS 675.
3. INTERMIDIATE STRAIN POSTS ARE TO BE SPACED AT A MAX. DISTANCE APART OF 37,5 m.
4. GATE CORNERS AND STRAIN POSTS TO BE PAINTED (SEE SPEC.) TUBULAR SECTIONS HAVING A NOMINAL BORE OF 76 mm AND STAYS TO HAVE A NOMINAL BORE OF 60 mm WITH A WALL THICKNESS OF AT LEAST 2,9 mm.
5. ALL TUBULAR SECTIONS SHALL BE PROVIDED WITH A 200x200 mm FOOTPLATE AND A PRESSED STEEL OR CAST IRON CAP.
6. INTERMEDIATE STANDARDS TO BE 2,5 kg/m 'Y' SECTION PROVIDED WITH A PROTECTIVE COATING OF TAR OR OTHER APPROVED MATERIAL, SPACED 6,25 m MAX.
7. DROPPERS TO BE 0,56 kg/m RIDGEBACK PATTERN PROVIDED WITH A PROTECTIVE COATING OF TAR OR OTHER APPROVED MATERIAL, SPACED 1,25 m MAX.
8. BOUNDARY FENCE TO CONSIST OF 10 OR 15 RUNS OF SINGLE H.T. STEEL STRAND CAMPEON 2,24 mm THICK, GALVANISED CLASS A. TO BE SPECIFIED.

PAINT SPECIFICATION

ALL POSTS, GATES, STRUTS, HINGES, ETC TO BE PREPARED FOR PAINTING. MECHANICALLY CLEAN TO ISO 8501-01, GRADE ST2 MIN. SO THAT THE SURFACE HAS A UNIFORM METALLIC SHEEN. ENSURE THE SURFACE IS DE-GREASED TO A WATER BREAK FREE CONDITION, CLEAN AND DRY.

APPLY ONE COAT DULUX SIGMACOVER ALUPRIMER TO 60uM DRY FILM THICKNESS. APPLY TWO COATS DULUX GP ALUMINIUM FINISH.

COATINGS AS SPECIFIED OR SIMILAR APPROVED. COATINGS TO BE APPLIED STRICTLY TO MANUFACTURERS SPECIFICATIONS.

CAREFULLY INSPECT EACH COAT FOR MISSES AND CARRY OUT DFT TESTING. ALL CRITICAL AREAS, EDGES, WELDS, ETC. TO BE GIVEN EXTRA STRIPE COAT ALL WORK TO COMPLY WITH REQUIREMENTS AND PREAMBLE OF TRADES.

SCHEDULE OF BOUNDARY FENCE MATERIALS

ITEM	No OFF	DESCRIPTION
1		CORNER POST - ϕ 76 N.B.x2500 LONG TUBING (MED. CLASS)
2		STRAIN POST - ϕ 76 N.B.x2500 LONG TUBING (MED. CLASS)
3		STRUT - ϕ 60 N.B.x2400 LONG TUBING (MED. CLASS)
4		FENCING STANDARD - 2150 LONGx2,5 kg/m 'Y' SECTION
5		DROPPER - 1500 LONGx0,56 kg/m RIDGEBACK SECTION
6		AS PER NOTE 8
7		GATE POSTS - ϕ 76 N.B.x2500 LONG TUBING (MED. CLASS)
8		DOUBLE LEAF GATE - 6000 OPENING
9		PERSONNEL GATE - 1000 OPENING

REV	AUTH	DATE	REVISION/REVISIES	BY	CHKD	REFERENCE DRAWINGS
1		10.6.08	OPTIONS ADDED FOR 10 OR 15 RUNS WIRE	DJC.S	DBJ.V.	
0			FIRST ISSUE / EERSTE UITREIKING			

DRG. TEK REGISTR
CHKD NAGES
DRAWN GETEKEN: Rupert 02.03.2001
SCALE SKAAL: AS SHOWN

TRANSMISSION SUBSTATION TECHNOLOGY DEPARTMENT
ESKOM

BOUNDARY FENCE

1500 HIGH FENCE.

LAYOUT AND DETAILS.

APPROVED
GOEDGEKEUR: D.SENEKAL. 13.04.01

0.54/398 Sht 2 of 2.

REV 1

SIZE GROOTTE A1L