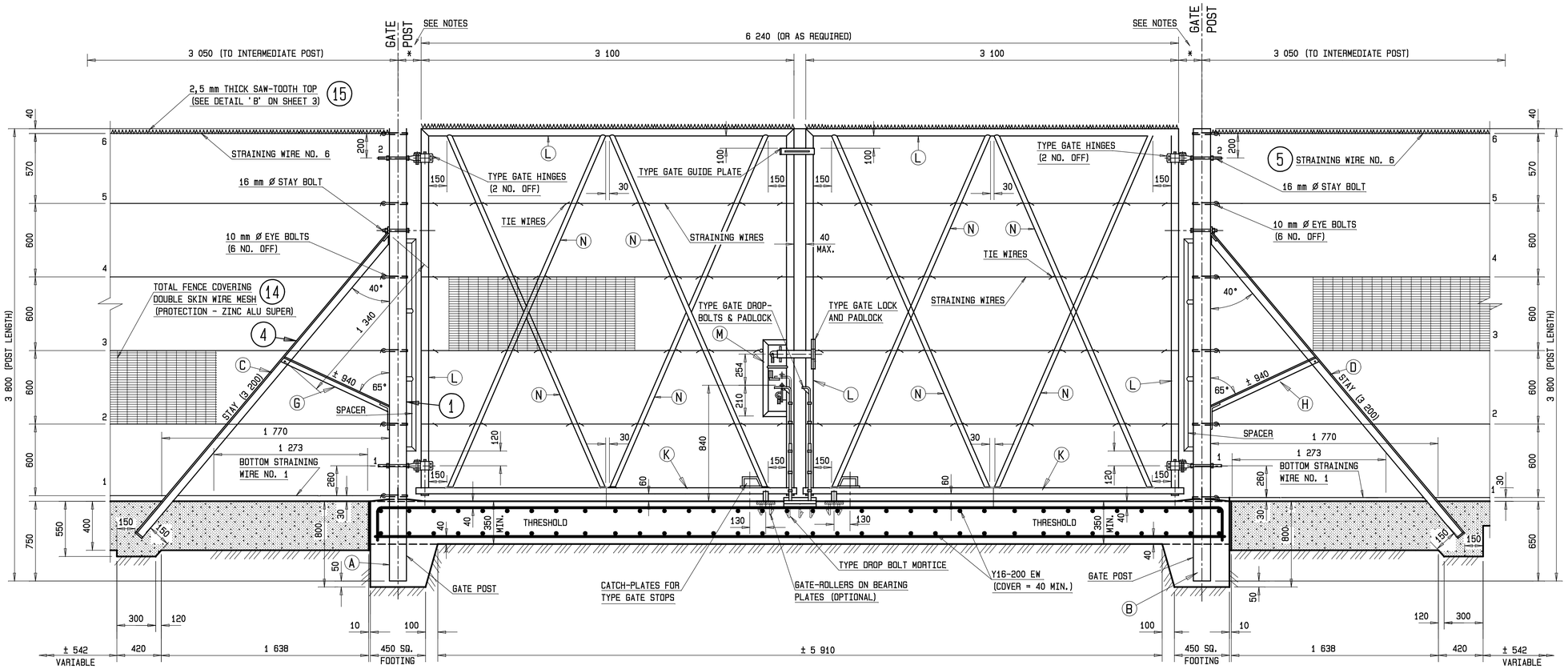
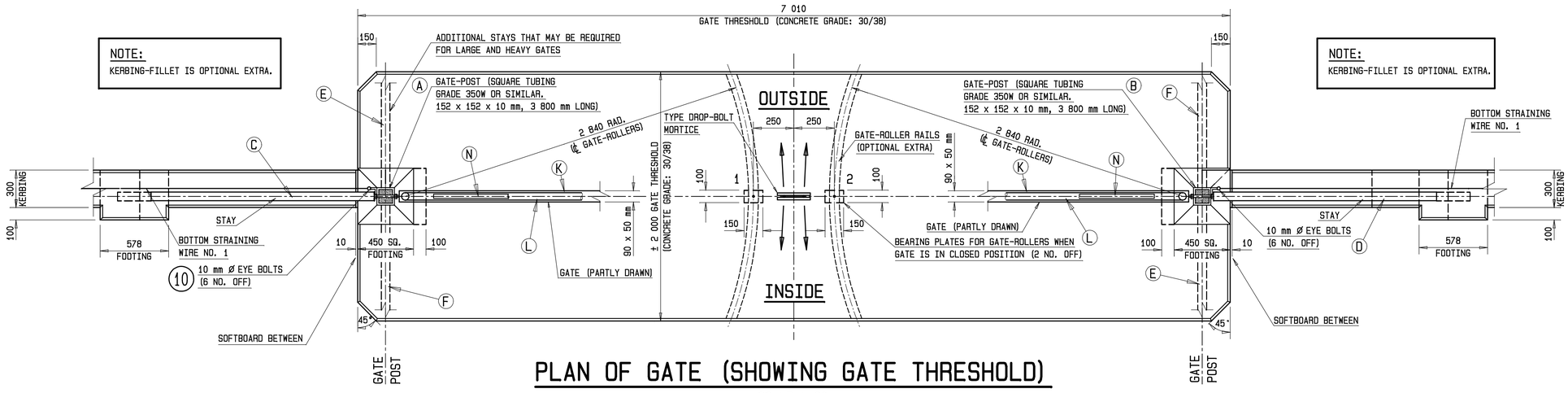


NOTE:
THE HEIGHT OF THE GATE SHALL MATCH THE HEIGHT OF THE ADJOINING FENCE (AS SHOWN ON DRAWING).

INSIDE ELEVATION OF GATE

SCALE 1:20



NOTE:
KERBING-FILLET IS OPTIONAL EXTRA.

NOTE:
KERBING-FILLET IS OPTIONAL EXTRA.

PLAN OF GATE (SHOWING GATE THRESHOLD)

SCALE 1:20

SCALE 1:20 — 0, 0,5, 1, 1,5, 2, 4 m

NOTES:

1. THE DIMENSION MARKED THUS * WILL VARY DEPENDING ON TYPE OF GATE-HINGE USED.
2. THE GATE & FENCE-FITTINGS AS SHOWN ON THIS PLAN ARE TYPICAL DESIGNS ONLY.
3. SEE NOTES AND MATERIAL LIST ON SHEET 8.

GATE-POST AND GATE-FRAME PIPE SCHEDULE

PART & REF. NO.	NOMINAL O. DIA. mm	NOM. WALL THICKNESS mm	MATERIAL
GATE-POSTS (A) AND (B) L.H. R.H.	152 x 152	10	SQUARE STEEL TUBING (GRADE 350W OR SIMILAR)
POST-STAYS (C) AND (D) L.H. R.H. (E) AND (F) L.H. R.H.	70 x 70	10	MILD STEEL ANGLE
STAY BRACINGS (G) AND (H) L.H. R.H.	50 x 50	8	MILD STEEL ANGLE
(K) MAIN FRAME	90 x 50	5	SQUARE STEEL TUBING (GRADE 350W OR SIMILAR)
(L) MAIN FRAME	O,DIA. 60 mm	5 mm	STRUCTURAL AND GENERAL ENGINEERING MILD STEEL TUBING
(M) MAIN FRAME	O,DIA. 42 mm	4 mm	
(N) FRAME BRACINGS	O,DIA. 34 mm	3,2 mm	

CONCRETE GRADES:

1. GATE-THRESHOLD: 30/38.
2. POST-FOOTINGS: 15/19.
3. STAY: 15/19.
4. KERBING: 15/19.

SECTION
07 / 3 — SECTION NUMBER / SHEET NUMBER

SHEET	DESCRIPTION	OTHER No.	REG. No.
4/4	3 m FENCE: MATERIALS LIST		167 769/13
3/4	3 m FENCE: DETAILS		167 768/13
1/4	3 m FENCE FOR IMPORTANT WORKS		167 766/13

LIST OF DRAWINGS

REVISION				
MOD No.	DATE	DESCRIPTION	FOR	DWA

DEPARTMENT OF WATER AFFAIRS
REPUBLIC OF SOUTH AFRICA
HEAD OFFICE
CIVIL ENGINEERING
PRIVATE BAG X313
PRETORIA 0001
SEDIBENG BUILDING
185 SCHOEMAN STREET
PRETORIA
(012) 336-7500
M. SIRENYA
DIRECTOR GENERAL

DESIGN: J.C. SWANEPOEL
DRAWN: J.C. SWANEPOEL
CHECKED: DATE:
ENGINEER: DATE:
EXTERNAL APPROVAL: DATE:
CHIEF ENGINEER / APP (Pr. Eng): DATE:
DIRECTOR (Pr. Eng): DATE:

TYPE

TYPE DRAWING:

3 m HIGH FENCE FOR IMPORTANT WORKS
HINGED GATE

PROVINCE:	DISTRICT:	KEYCODES: TYP FOG SER - - -	OTHER NUMBER
LOCALITY No.: ZZZZ-03	TENDER/ CONTRACT No. -	SHEET 2 OF 4	REG. No. 167 767/13
CALCULATION FILE: ZZZZ-03			REV. 00