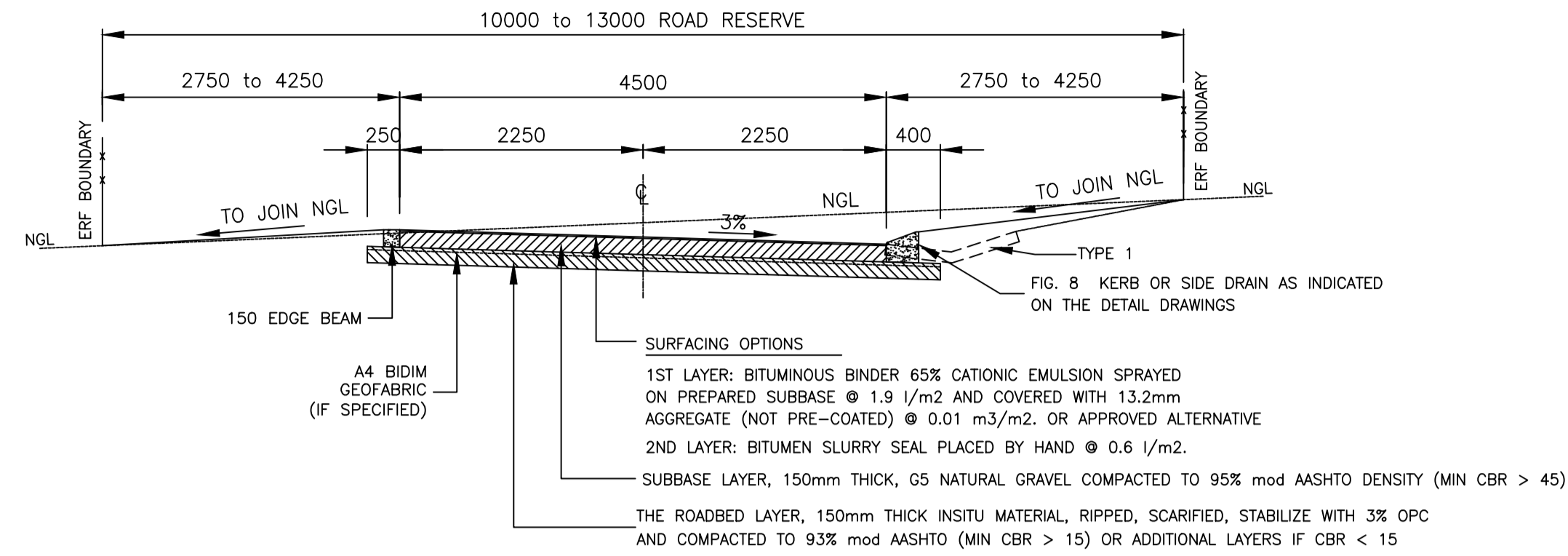
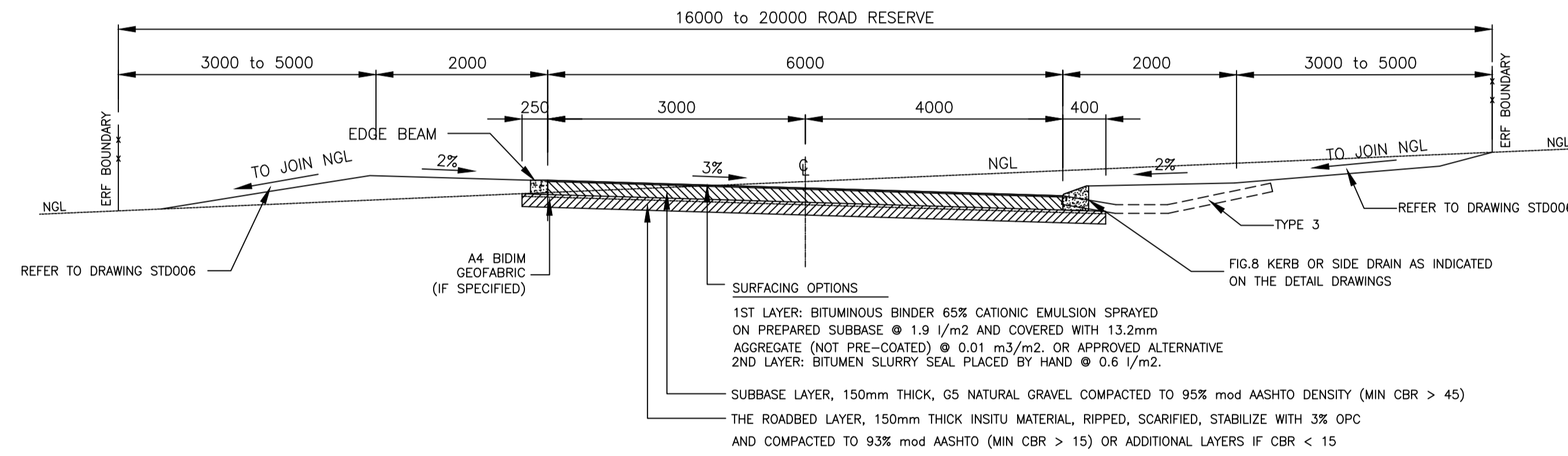


NOTES AND SPECIFICATIONS

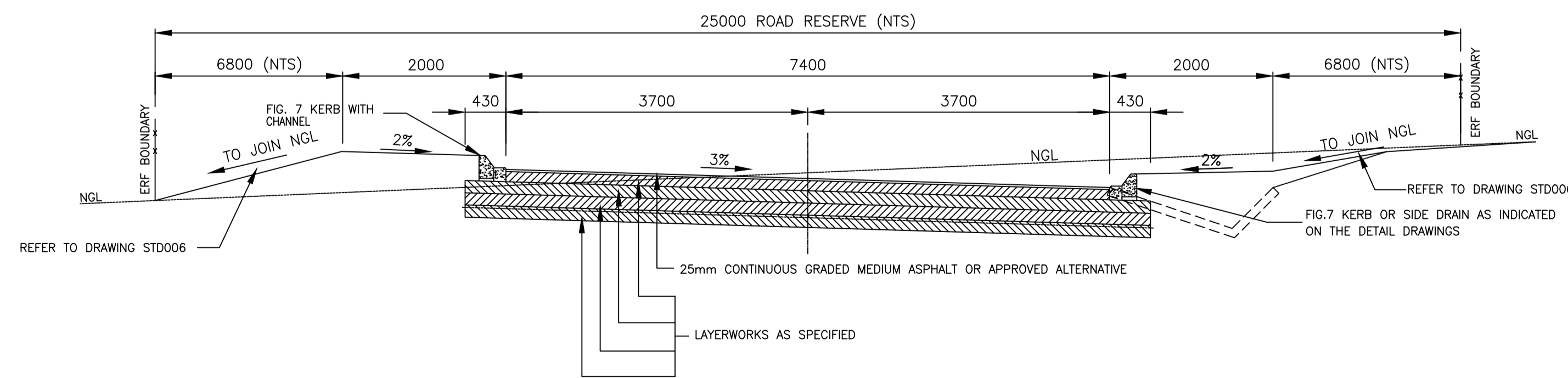
1. **ROADS**
- 1.1 MINIMUM LONGITUDINAL SLOPE IS 0.67%.
- 1.2 MAXIMUM LONGITUDINAL SLOPE:
CLASS 4 - 10% FOR A MAXIMUM LENGTH OF 100m
CLASS 5a - 12.5% FOR A MAXIMUM LENGTH OF 70m
CLASS 5(b-d) - 20 % FOR A MAXIMUM LENGTH OF 50m
- 1.3 THIS DRAWING MUST BE READ WITH DRAWING STD006 AND STD007.
- 1.4 ALSO REFER TO SECTION 101.104, 203, 503, 601, 604 TO 607 OF THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, 1991.



TYPICAL ROAD SECTION AND LAYER WORKS - 4.5m ROADS (CLASS 5b - f)
SCALE 1:50



TYPICAL ROAD SECTION AND LAYER WORKS- 6.0m ROADS (CLASS 5a)
SCALE 1:50



TYPICAL ROAD SECTION AND LAYER WORKS - 7.4m ROADS (CLASS 4)
SCALE 1:50

AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED P. A. ODENDIAAL P.Eng.	DRAWN S. AUDIE
DESIGN CHECKED BY L. G. JOHANNES P. Eng.	INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT D.J. CHALMERS

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

GROUP HEAD Mr Lebokane P. (Phako) P.O. BOX 1409 PRETORIA 0001		ACTING DIVISIONAL HEAD Mr Lebepe M.T. (Thabo) P.O. BOX 1409 PRETORIA 0001
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DRAWING APPROVED BY ACTING EXECUTIVE DIRECTOR
Mr Lebepe M.T. (Thabo)

TYPICAL STANDARD DETAILS

ROAD AND SURFACE DRAINAGE DETAILS FOR LOW-COST DEVELOPMENT ROAD CROSS-SECTION AND TYPICAL LAYER WORKS

CONTRACT No.:	PROJECT No.:
DATE: FEBRUARY 2017	SCALE: AS SHOWN
DRAWING NO. STD017	SHEET NO. 1 OF 4

