

NOTES AND SPECIFICATIONS

DESCRIPTION OF DRAWINGS

- ① ROADBED PREPARATION TO 90% OF MOD AASHTO DENSITY.
- ② 150NG/25 @ 93%/1.2(2GM+10) OR 12: SUBBASE (G6) - (SEE NOTE 1).
- ③ 40mm RIVER SAND OR SCREENED TOPSOIL FOR GRASS BLOCKS.
- ④ 600mm x 400mm GRASS BLOCKS WITH A MIN. CONCRETE STRENGTH OF 25MPa SUPPLIER TO BE APPROVED BY THE ENGINEER OR 100mm THICK CAST INSITU CONCRETE PAVING (CLASS 25/19 CONCRETE), WITH JOINT SPACING NOT EXCEEDING 3m.
- ⑤ SOILCRETE HAUNCH FOR GRASS BLOCKS SOILCRETE TO COMPLY WITH CLAUSE 202.12 OF THE STANDARD SPECIFICATIONS.
- ⑥ REMOVE TOPSOIL 120mm THICK.
- ⑦ TOPSOIL, FERTILIZER AND GRASS SEED MIX.
- ⑧ CLEAR AND GRUB.
- ⑨ VARIES/NG/15 @ 93%/0.75/-USSG (G7).

LEGEND :

1. REQUIREMENTS ARE GIVEN IN THE FOLLOWING ORDER :
LAYER THICKNESS / MATERIAL / MIN STRENGTH (CBR) @ MIN DENSITY / MIN GM / MAX PI.
2. MIN DENSITY IS GIVEN AS % OF MODIFIED AASHTO DENSITY.
3. NG = NATURAL GRAVEL
PI = PLASTICITY INDEX
GM = GRADING MODULUS

NOTES:

1. SUBGRADE LAYERS AND ROADBED AS SPECIFIED OR PER ENGINEER'S INSTRUCTIONS ON SITE, DEPENDING ON FOUNDATION CONDITIONS ENCOUNTERED.
2. DIMENSIONS OF ACCESS STRIP ENTRANCE CONSTANT FOR ALL ROAD RESERVE WIDTHS.
3. ACCESS STRIPS SHOULD NOT BE UTILISED TO GIVE ACCESS TO MORE THAN 3 DWELLING UNITS.

AMENDMENTS

NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED P. A. ODENDAAL Pr.Eng.	DRAWN S. AUDIE
DESIGN CHECKED BY P. A. ODENDAAL Pr.Eng.	INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT D.J. CHALMERS

PROJECT STATUS

CONCEPT DRAWING
 TENDER DRAWING
 APPROVED FOR CONSTRUCTION DRAWING
 AS BUILT DRAWING

PROJECT ENGINEER (CONSULTANT): _____

INITIALS AND SURNAME: _____ SIGNATURE AND PI. No.: _____ DATE: _____

INSPECTOR OF WORKS (CITY OF TSHWANE): _____

INITIALS AND SURNAME: _____ SIGNATURE AND PI. No.: _____ DATE: _____

CONSULTANT DETAIL

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT
 Mr P. Letlorkane
 STRATEGIC EXECUTIVE DIRECTOR
 P.O. BOX 1409
 PRETORIA 0001

Ms. L. V. Kgakilewe-Piki
 EXECUTIVE DIRECTOR
 P.O. BOX 1409
 PRETORIA 0001

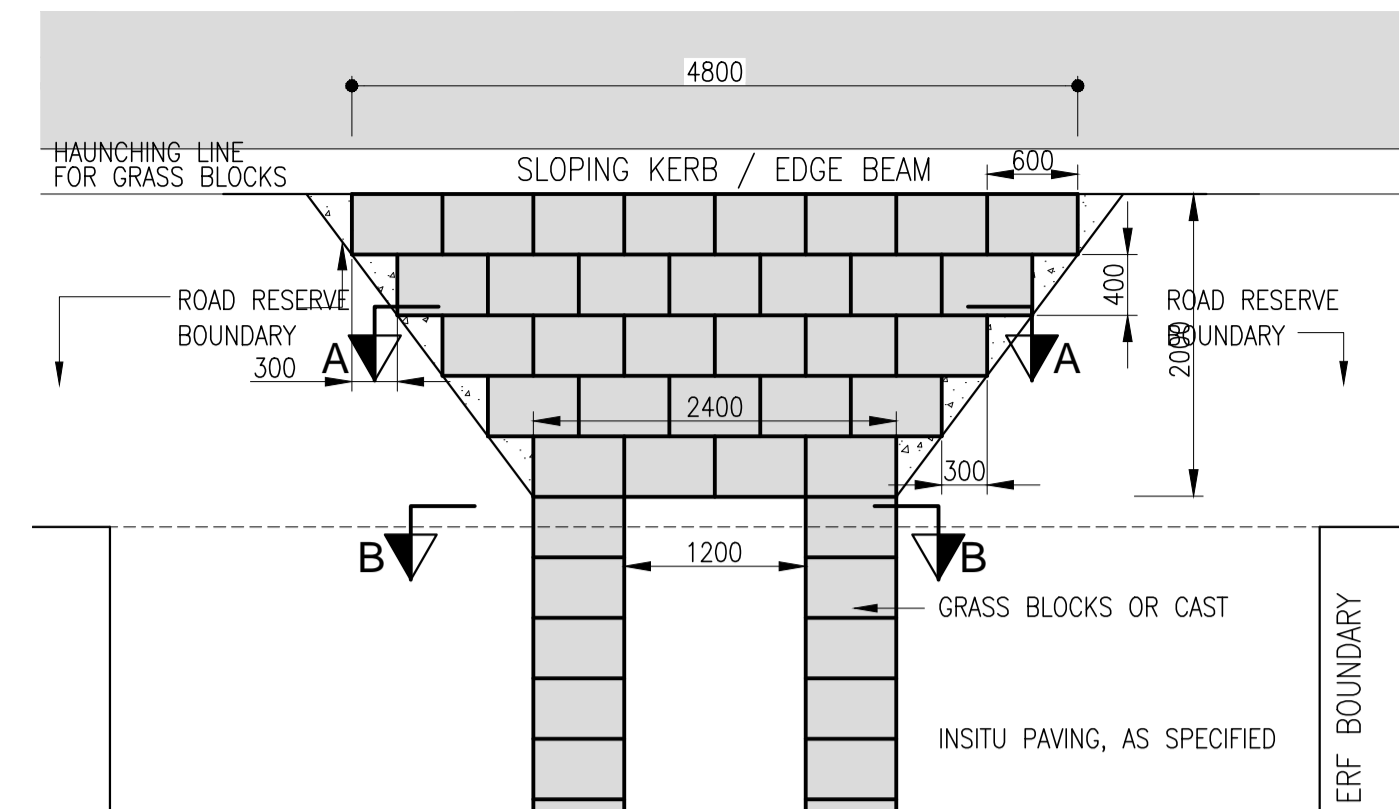
DRAWING APPROVED BY EXECUTIVE DIRECTOR
 Ms. L. V. Kgakilewe-Piki

TYPICAL STANDARD DETAILS

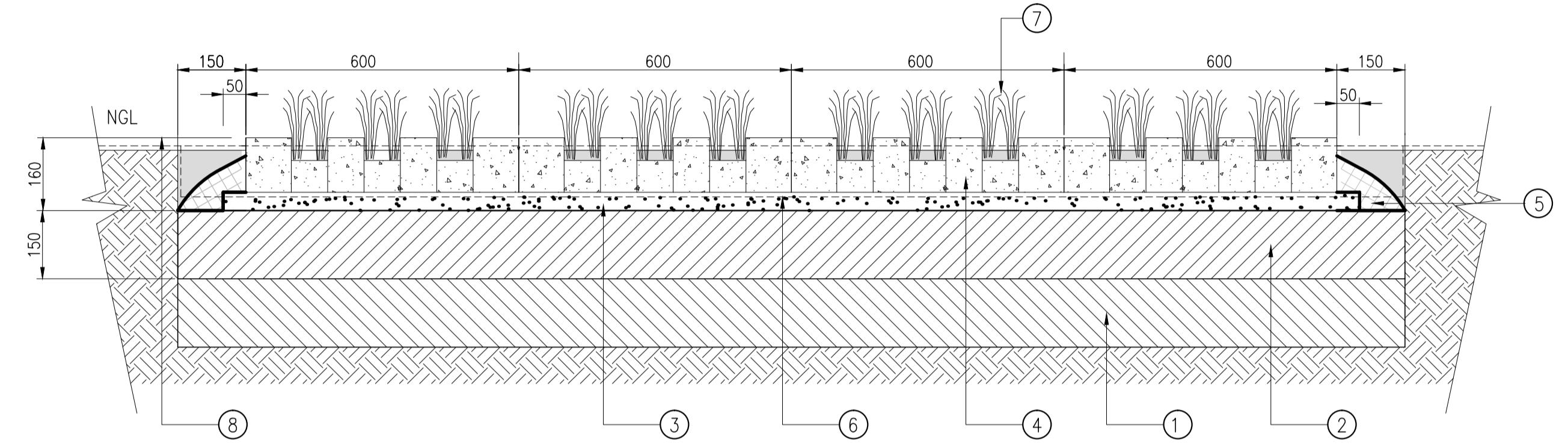
ROAD AND SURFACE DRAINAGE DETAILS FOR LOW-COST DEVELOPMENT
ACCESS STRIP: GRASS BLOCKS OR CONCRETE PAVING

ROADS AND STORMWATER For Internal Approval	
DIRECTOR: INFRASTRUCTURE PROVISION	RECEIVED SIGNATURES APPLICABLE
SIGNATURE _____ DATE _____	
DIRECTOR: INFRASTRUCTURE CONSTRUCTION (PROJECT) MANAGEMENT	
SIGNATURE _____ DATE _____	
DIRECTOR: INFRASTRUCTURE ASSET MANAGEMENT	
SIGNATURE _____ DATE _____	
DIRECTOR: TRANSPORT INFRASTRUCTURE PLANNING	
SIGNATURE _____ DATE _____	
DIRECTOR: INTELLIGENT TRANSPORT SYSTEM AND TRAFFIC ENGINEERING	
SIGNATURE _____ DATE _____	
DIRECTOR: INFRASTRUCTURE MAINTENANCE MANAGEMENT (IMM)	
SIGNATURE _____ DATE _____	

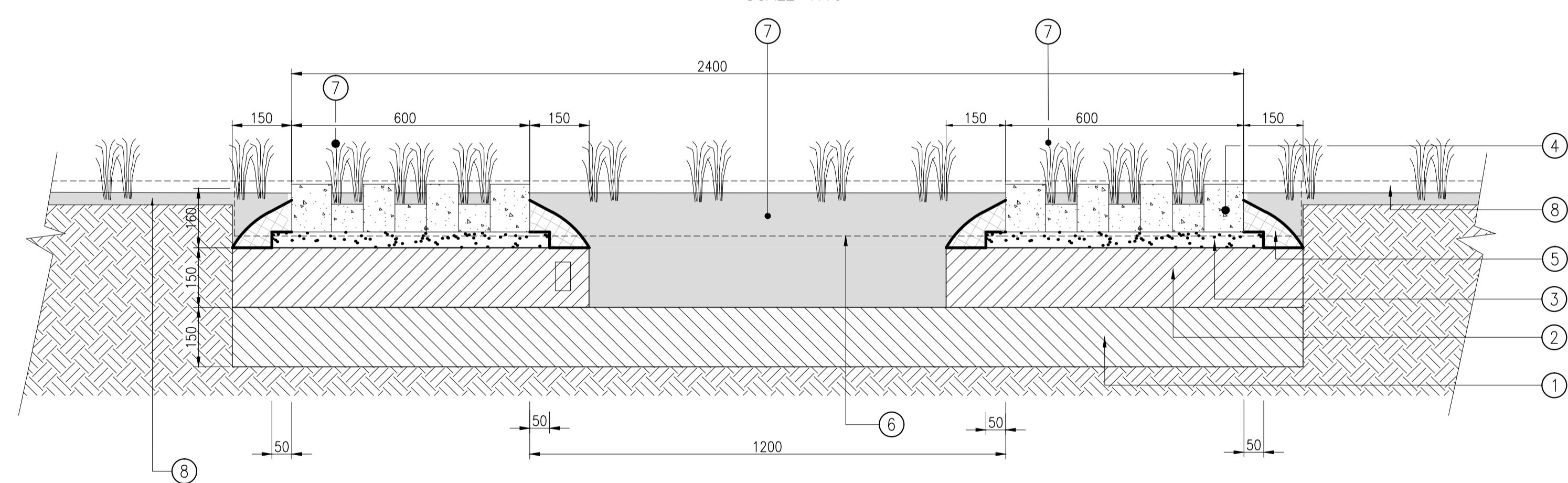
CONTRACT No.:	PROJECT No.:
DATE: MAY 2013	SCALE: AS SHOWN
ORIGINAL PAPER SIZE: A1	DRAWING NO: STD017
SHEET NO: 4 OF 4	REVISION:



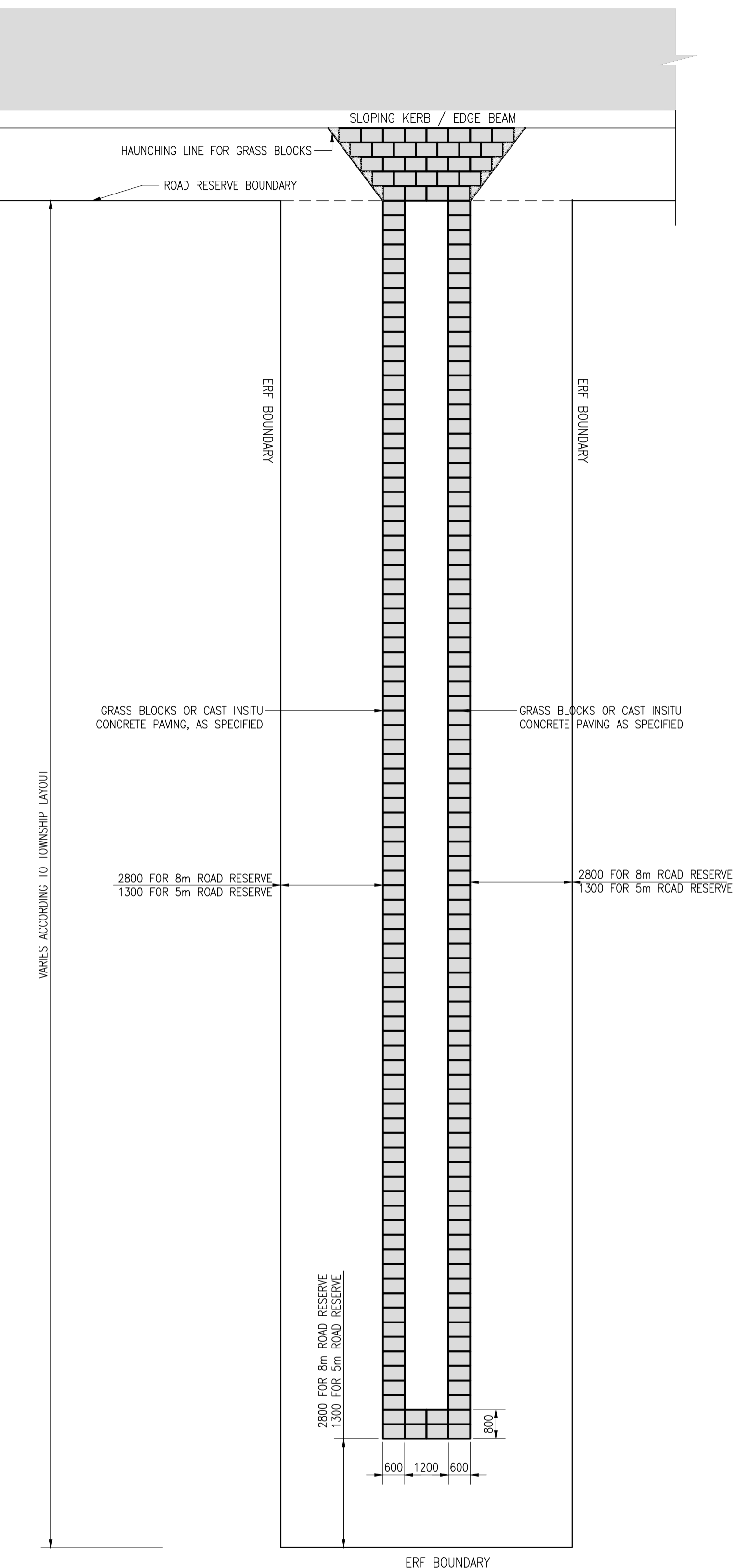
DETAIL OF ACCESS STRIP ENTRANCE (SEE NOTE 2)
SCALE 1:50



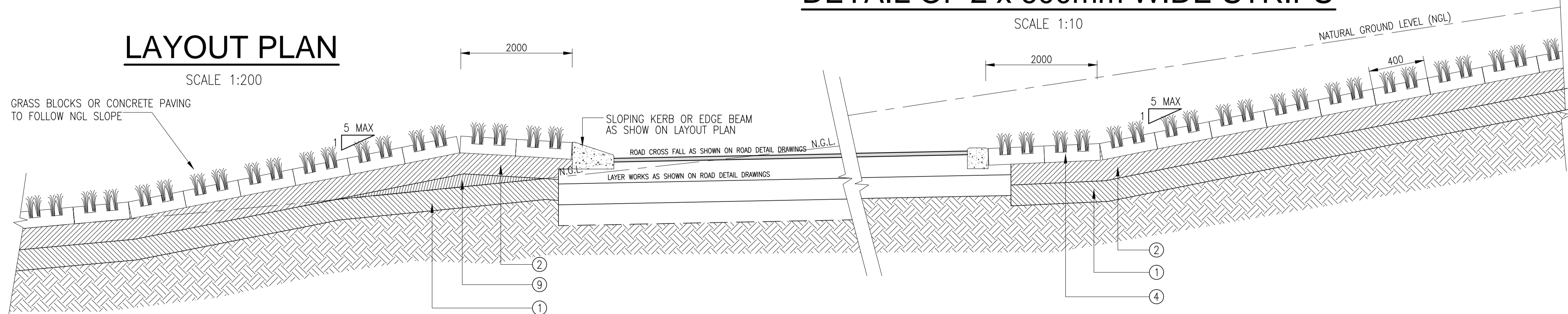
SECTION A-A DETAIL OF ACCESS STRIP
SCALE 1:10



SECTION B-B DETAIL OF 2 x 600mm WIDE STRIPS
SCALE 1:10



LAYOUT PLAN
SCALE 1:200



LONGITUDINAL SECTION OF ACCESS STRIP
SCALE 1:20