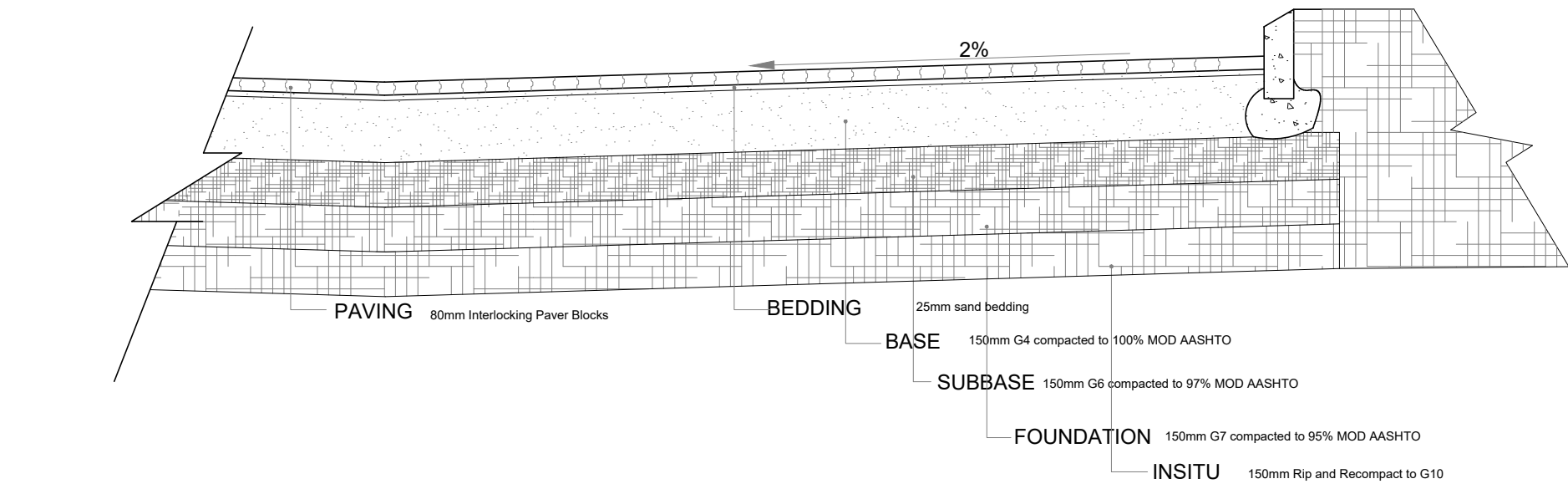
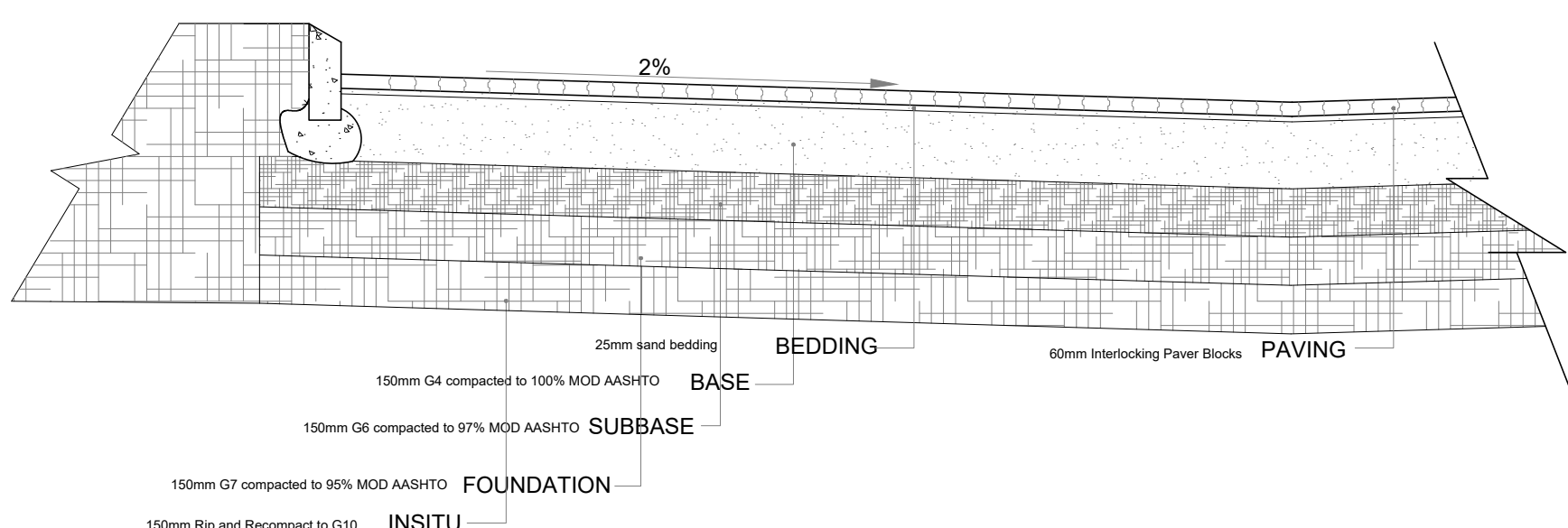


STORMWATER LAYOUT PLAN
SCALE 1:500



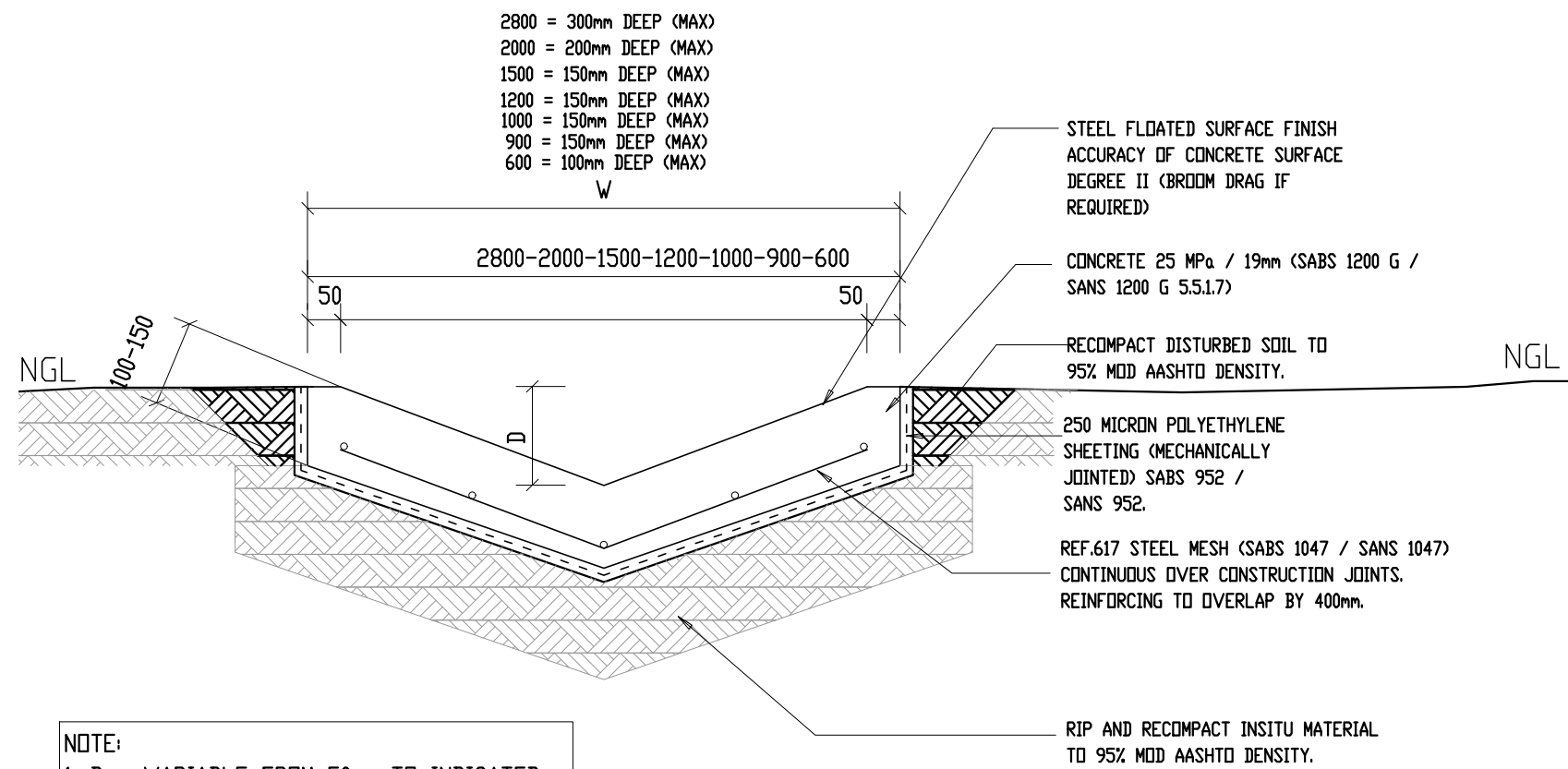
TYPICAL X-SECTION OF PAVED AREAS (80mm)
N.T.S



TYPICAL X-SECTION OF PAVED AREAS (60mm)
N.T.S

STORMWATER NETWORKS SYMBOLS

SYMBOL	DESCRIPTION
	PROPOSED STORMWATER V-DRAIN
	PROPOSED EDGE OF CONCRETE APRONS
	PROPOSED PAVED AREAS



NOTE:
1. D - VARIABLE FROM 50mm TO INDICATED MAXIMUM DEPTH.
2. STEEL REINFORCING TO BE REF. 395 IN AREAS WITH NO VEHICLE TRAFFIC.
3. EXPANSION JOINT BETWEEN CANAL AND WALL ONLY IF INDICATED.

CAST IN ALTERNATIVE SECTIONS
1.5m LONG WITH EXPANSION JOINTS
AT 18m. SEE STANDARD DETAIL FOR
EXPANSION JOINT - TYPE NO. DT 04/S

NOTES

GENERAL NOTES:

- THESE NOTES MUST BE READ IN CONJUNCTION WITH THE DRAWINGS AND PROJECT SPECIFICATIONS INCLUDING THE SANS 1200 STANDARD SPECIFICATIONS.
- THE CONTRACTOR MUST IMPLEMENT A QUALITY ASSURANCE SYSTEM FOR THE EXECUTION OF THE WORK. THE QUALITY MANAGEMENT SYSTEM MUST BE APPROVED BY THE ENGINEER PRIOR TO THE START OF THE WORK. THE CONTRACTOR MUST PERFORM A QUALITY CONTROL INSPECTION BEFORE THE ENGINEER WILL DO ANY INSPECTIONS.
- THE CONTRACTOR SHALL CHECK ALL DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION OF ANY PORTION OF THE WORK. ANY DISCREPANCIES SHALL IMMEDIATELY BE REPORTED TO THE ENGINEER.
- WORK TO BE DONE TO FIGURED DIMENSIONS ONLY.
- PRODUCTS DIFFERENT TO THOSE SPECIFIED MAY ONLY BE USED WITH THE ENGINEER'S PRIOR WRITTEN APPROVAL.

CLIENT



DEVELOPMENT BANK
OF SOUTHERN AFRICA

1258 LEVER ROAD
HEADWAY HILL
MIDRAND
1685

www.dbsa.org

REV. NO.	DATE	DESCRIPTION
R01	2021-10-22	DETAILS ADDED
R00	2021-10-14	ISSUED FOR DETAIL DESIGN

REVISIONS

PROJECT CONSULTANT

PROJECTNEERS

PROJECTNEERS CONSULTING ENGINEERS
& PROJECT MANAGERS
BUILDING 2, 1ST FLOOR, THORNHILL OFFICE PARK
94 BEKKER ROAD, MIDRAND, 1685

+27 11 043 1307
technical@projectneers.com
www.projectneers.com

DRAWING CHECKS	DESIGNED BY	CHECKED BY	DRAWN BY	DATE
B. NOUBE	M. MAWIMBA	B. NOUBE	M. MAWIMBA	

APPROVAL CONSULTANT
B. TSHUMA

2021-11-15
THE MASTER HELD AT THE PROJECTNEERS CONSULTING MIDRAND OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL

PROJECT NAME
PROPOSED PROVISION OF ADDITIONAL SCHOOL INFRASTRUCTURE AT GOAKGANYA PRIMARY SCHOOL ON BEHALF OF THE NORTH WEST DEPARTMENT OF EDUCATION (NW DoE)

PROJECT SITE
GOAKGANYA PRIMARY SCHOOL, MADIBENG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

SHEET TITLE
PROPOSED STORMWATER LAYOUT

DISCIPLINE
CIVIL ENGINEERING

CONTRACT NUMBER
RFP 268/2019

FILE NUMBER
ZA2020_2003

DRAWING NUMBER
PJN_ZA_2020_2003_DBSA_GKPS_CE_3005_R00

ISSUED FOR
TENDER DESIGN