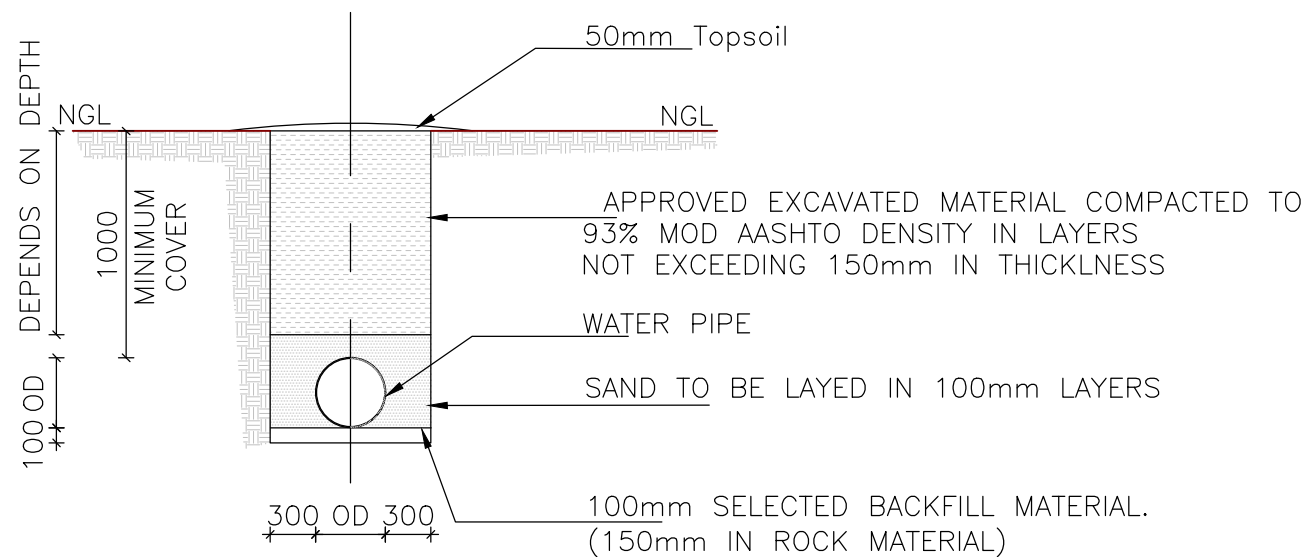
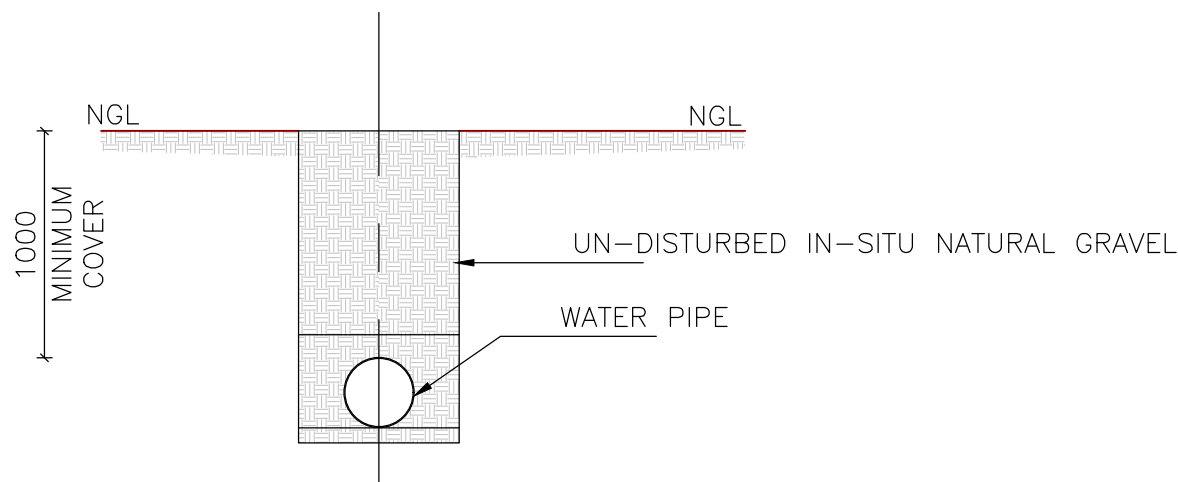




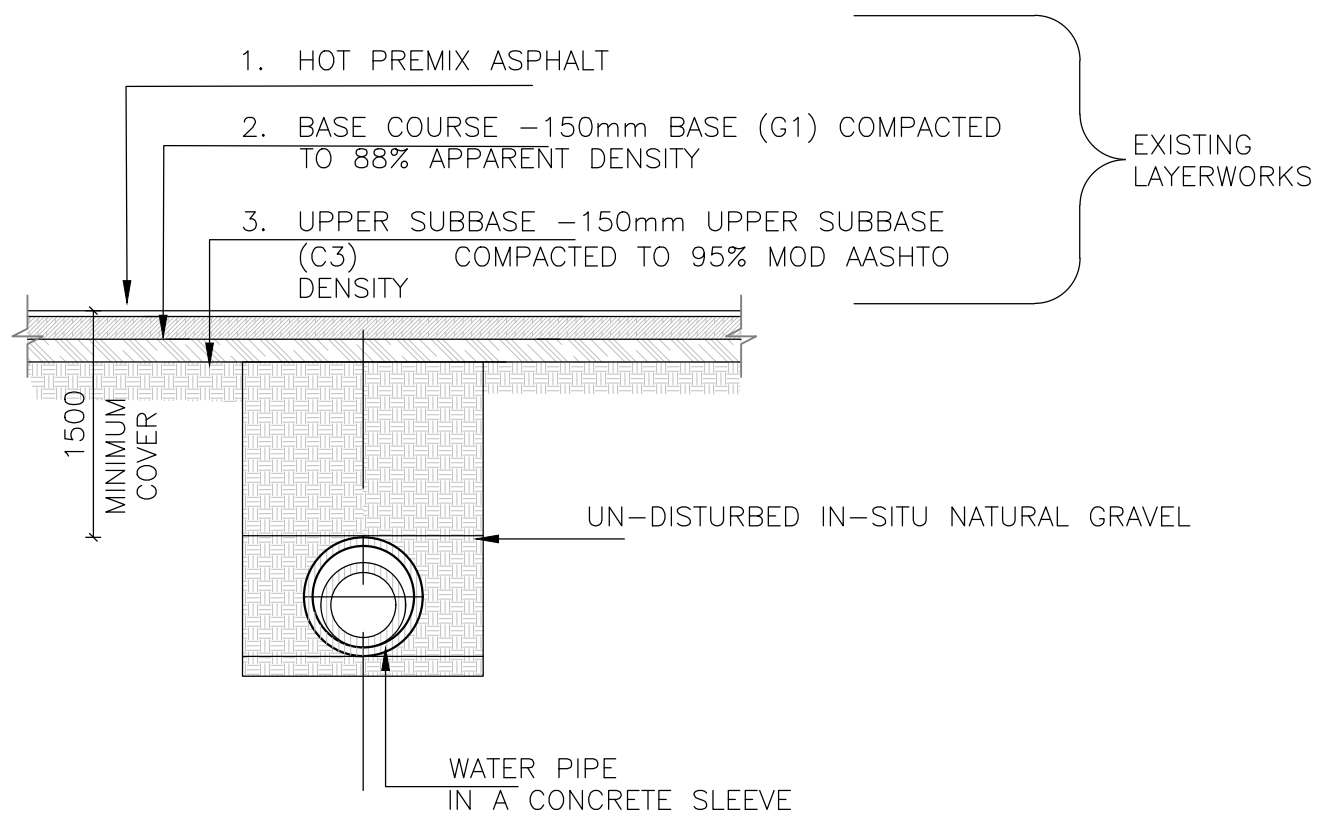
TRENCH TYPE 1:

TYPICAL BEDDING AND BACKFILL DETAILS FOR
WATER PIPES- COVER < 3 -NORMAL TRENCH
Scale 1:50



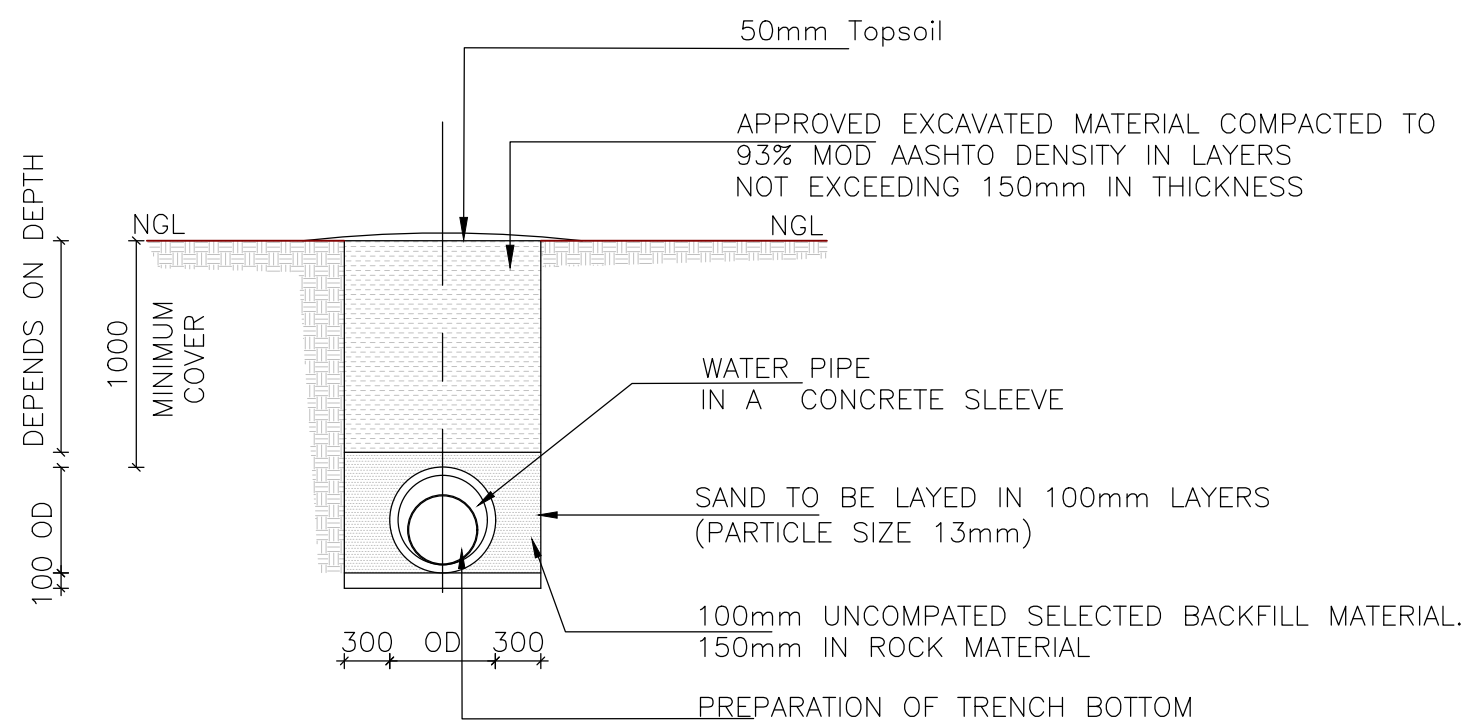
TRENCH TYPE 2:

TYPICAL BEDDING AND BACKFILL DETAILS FOR
WATER PIPES- TRENCHLESS -PIPE JACKING
Scale 1:50



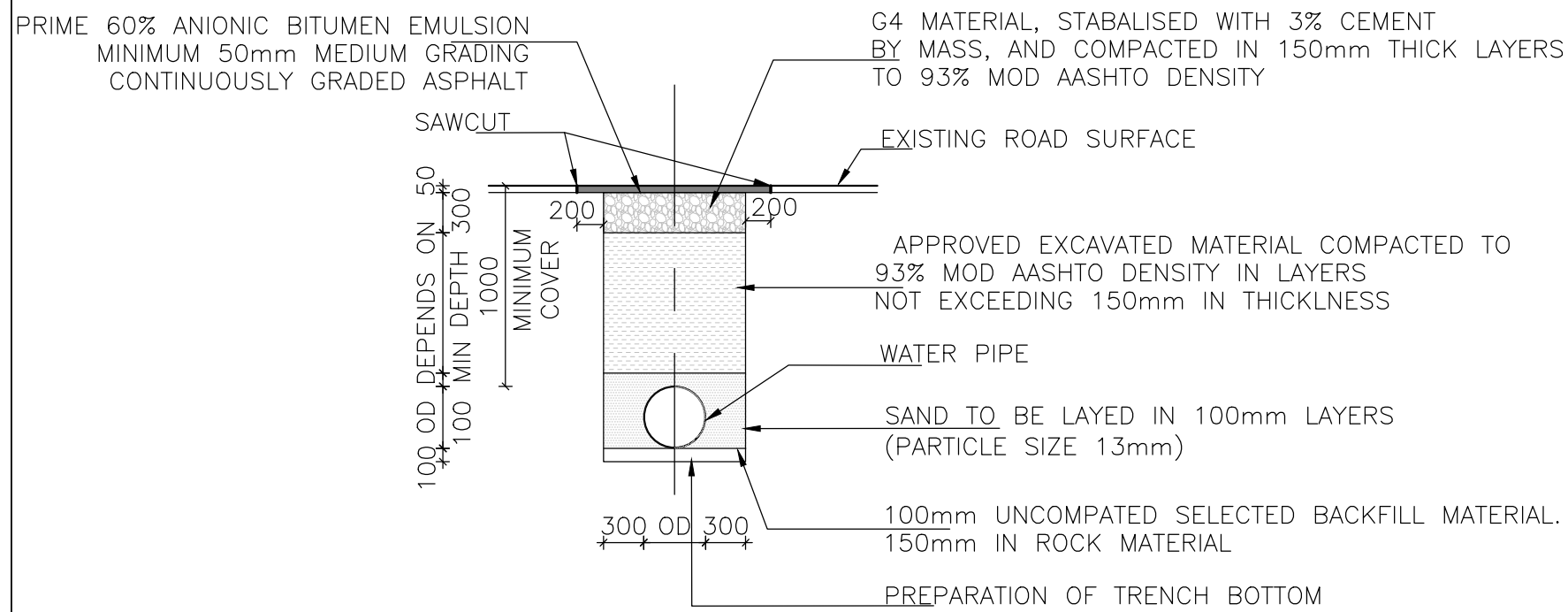
TRENCH TYPE 3:

TYPICAL BEDDING AND BACKFILL DETAILS FOR
WATER PIPES- TRENCHLESS - PIPE JACKING
Scale 1:50



TRENCH TYPE 4:

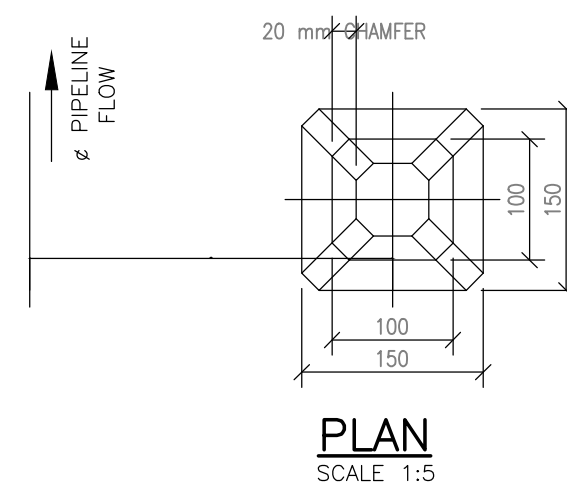
TYPICAL BEDDING AND BACKFILL DETAILS FOR
WATER PIPES IN A SLEEVE - COVER < 3 -NORMAL TRENCH
Scale 1:50



TRENCH TYPE 5:

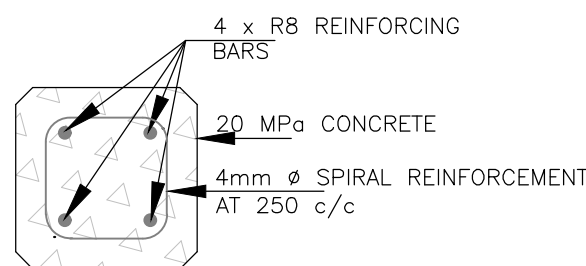
TYPICAL BEDDING AND BACKFILL DETAILS FOR
WATER PIPES- COVER < 3 -NORMAL TRENCH
Scale 1:50

TYPICAL BEDDING AND BACKFILL DETAILS



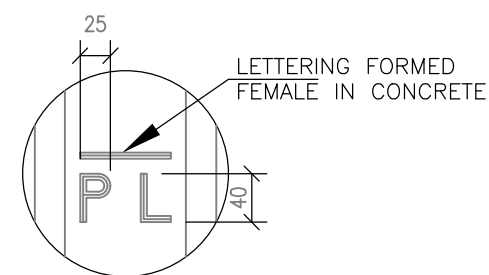
PLAN

SCALE 1:5



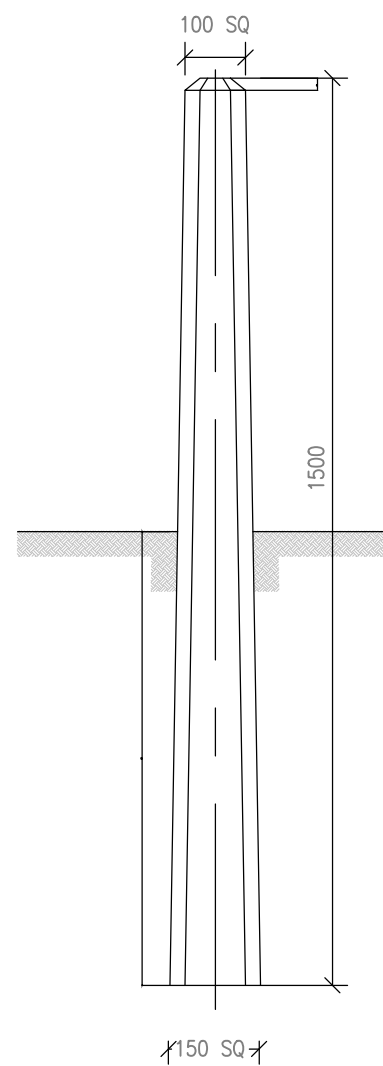
REINFORCEMENT DETAILS

SCALE 1:5



LETTERING DETAILS

SCALE 1:5



ELEVATION A

SCALE 1:10

PIPE MARKER

NOTES:

MARKER

- PIPELINE ROUTE MARKERS TO BE INSTALLED EVERY 10m
- PIPELINE ROUTE MARKERS, WHICH WILL ALSO EXTEND ABOVE GROUND-LEVEL

FOR TENDER

NOTES AND SPECIFICATIONS:

GENERAL

- ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS REQUIREMENT.
- ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED).
- DONT SCALE FROM THESE DRAWINGS.
- ALL DIMENSIONS MUST BE VERIFIED ON SITE.
- FINAL POSITION OF SERVICES TO BE VERIFIED ON SITE.

DRAWING CHECKED:	J. STEYN	CEENEX (PTY) LTD 291 SPRITE AVENUE MENLYN WOODS FAERIE GLEN, PRETORIA(RSA) TEL: +27 (0)12 3614373 FAX: +27 (0)12 3614371	Rev. No.	AMENDMENTS	DRAWN	APPROVED	DATE	CLIENT:	PROJECT:	SCALE:	REVISION:
DRAWN BY:	A. PIETERSE		T1	ISSUED FOR TENDER	A. PIETERSE	J. STEYN	30/06/2023	THEMBISILE HANI LOCAL MUNICIPALITY	UPGRADING OF SHELDON WATER INFRASTRUCTURE – WARD 14 (MULTI-YEAR PROJECT)	AS SHOWN	T1
DESIGN CHECKED:	J. STEYN							PRIVATE BAG X4041 MPUMALANGA 0458 TEL: 013 986 9100 FAX: 013 986 0995	THLM/SCM 17/2020-2021/W3/P1	DRAWING No.: 5567-14-054-002 SHEET 1 OF 1	
DESIGNED BY:	N. MEYER								BEDDING AND PIPE MARKER DETAILS		