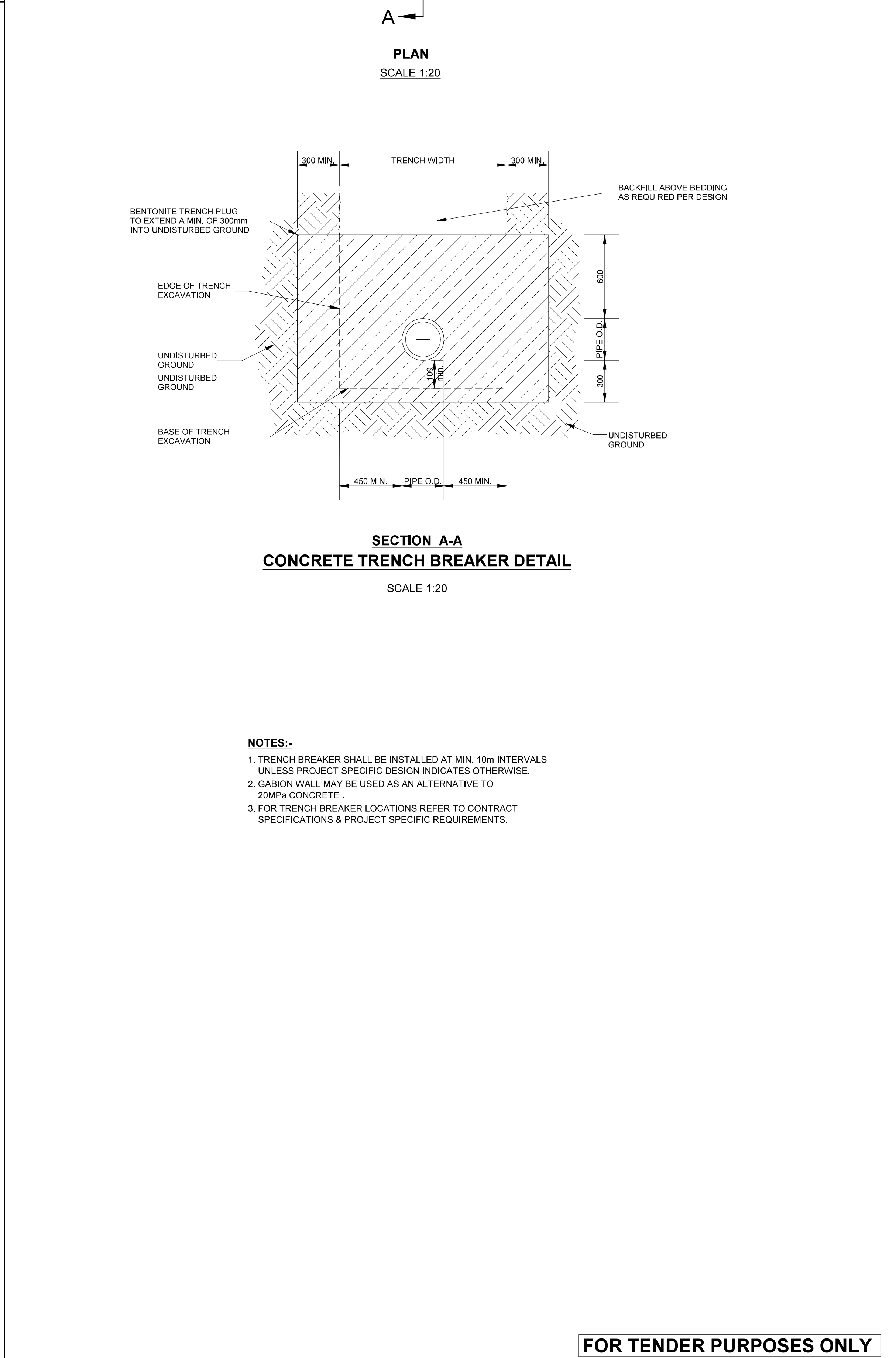
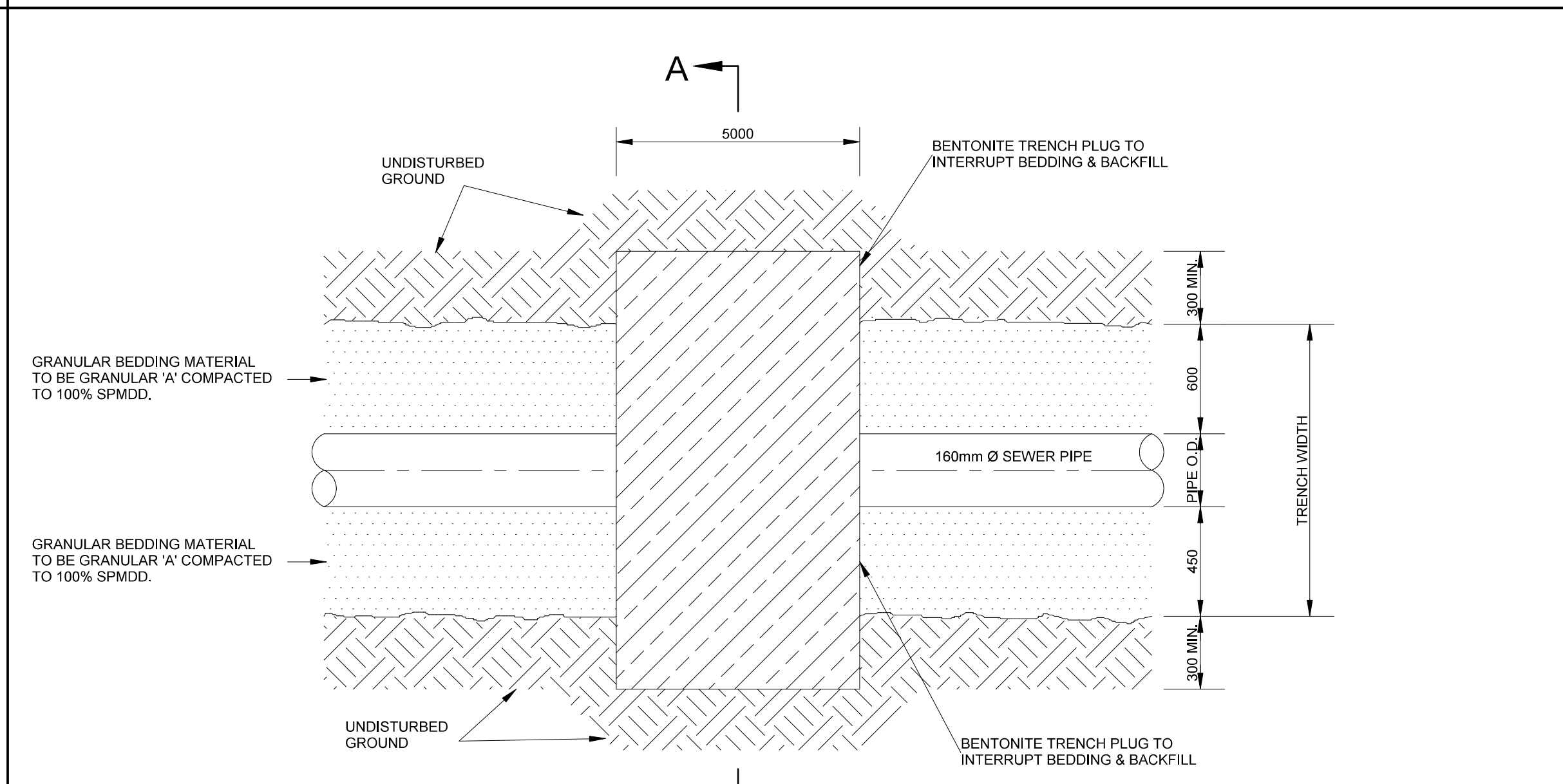
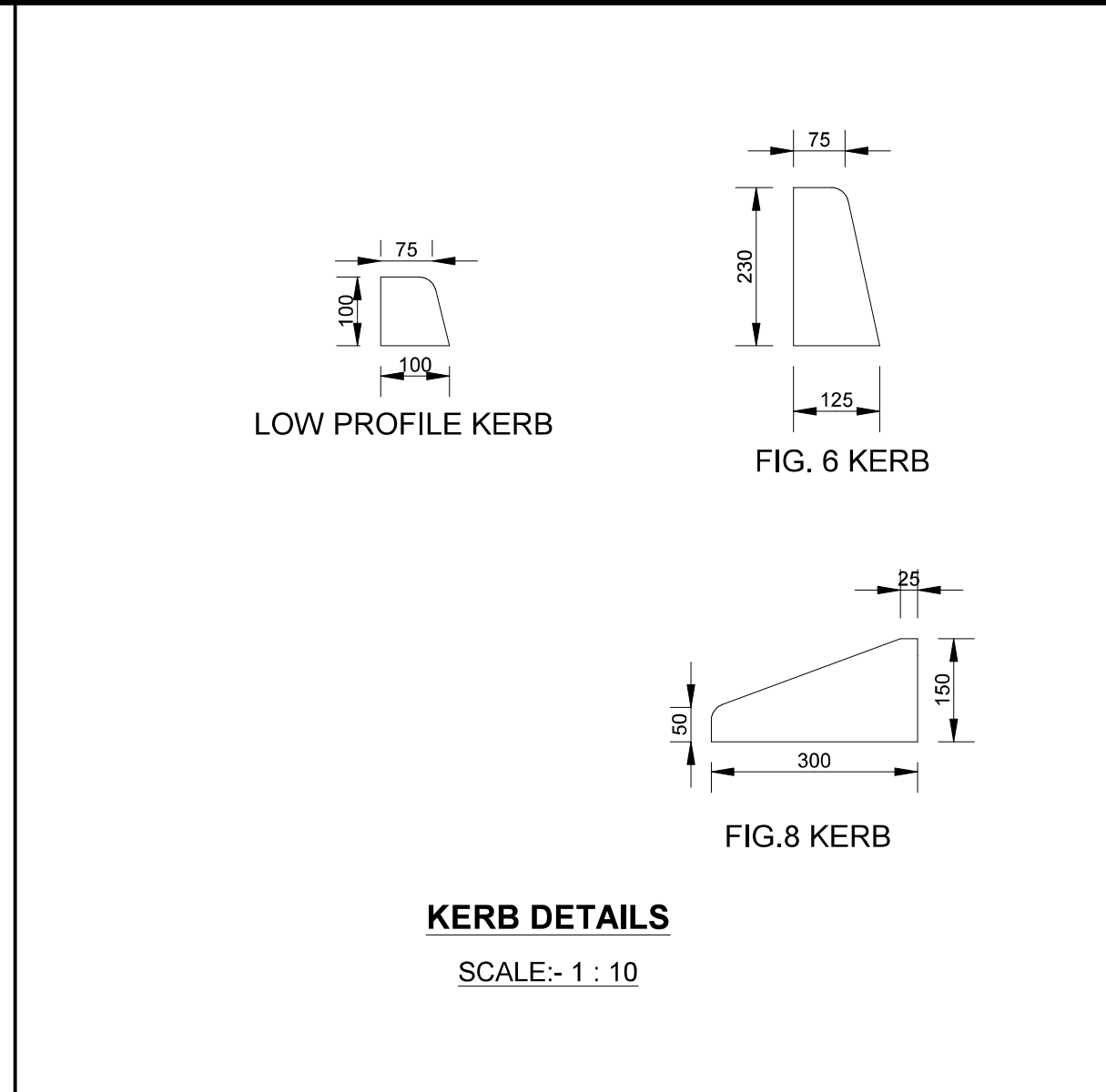
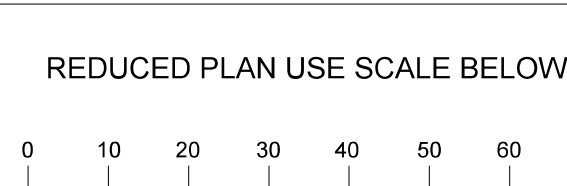
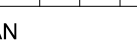
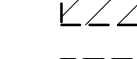
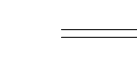
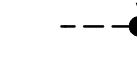
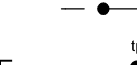
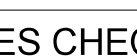
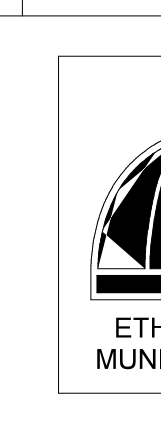
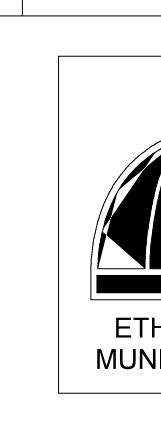




NOTES:		
1.	Manholes to be in accordance Drawing No. 38570 and 38674.	
2.	Pipe bedding to be in accordance with departmental specification SABS 1200-LB	
3.	All dimensions are to be checked on site prior to any fabrication and commencement to work.	
4.	Positions and levels of all services in the vicinity of the new sewer to be checked and proved prior to commencement of construction.	
5.	Sewer pipe shall be heavy duty uPVC 150mm dia. on flexible bedding unless otherwise stated.	
6.	All invert levels to be confirmed by contractor on site.	
7.	All manhole within road carriageway to have Polymer Concrete Cover and frame unless otherwise indicated.	
8.	All existing services to be proven by contractor on site prior to works proceeding.	
9.	The minimum cover to all pipes shall be : A) Mdblock - 800mm compacted to 95% MOD AASHTO B) Sidewalk - 1000mm compacted to 95% MOD AASHTO C) Roadway - 1200mm	
10.	Road reinstatement to be made up as follows : A) 150mm Sub base B) 150mm Base course C) 80mm Asphalt wearing course	
11.	Sewer manholes shall be 1000mm precast ring manholes with light duty cover and frame unless otherwise indicated. Any discrepancies are to be confirmed with the engineer on site prior to work proceeding.	
12.	All manholes benching is to be Type A, except where Type B benching is required which will be shown on the table.	
REVISIONS		
A	17/10/2024	DRAFT PLAN
Revision	Date	Description
AS BUILT		
DATE : SIGN :		
REDUCED PLAN USE SCALE BELOW		
		
LEGEND OF EXISTING UNDERGROUND SERVICES		
PROPOSED SEWERS AND MANHOLES		
EXISTING SEWERS AND MANHOLES		
SCOPE OF WORK		
NEW KERB & CHANNEL		
PROPOSED STORMWATER DRAIN		
EXISTING STORMWATER DRAIN		
PROPOSED WATER MAINS AND VALVES		
EXISTING WATER MAINS AND VALVES		
ELECTRICITY CABLE AND POLE		
TELKOM/FIBRE OPTIC CABLE AND POLE		
UNDERGROUND SERVICES CHECKED		
SERVICE	DATE	SIGNATURE
S/W DRAINS		
SEWERS		
WATER MAINS		
TELKOM CABLES		
ELECTRIC CABLES		
SPOORNET CABLES		
E.S.C. CABLES		
OIL PIPE LINE		
NOTE : Only underground services affected by new construction work are shown Care must be taken during excavations for road foundations, trenches etc. to avoid damage to underground services such as sewer, drains, cables, water mains and connections, wherever possible these must be located before work proceeds.		
NOTE: No construction work to commence until land and service/acquisitions have been completed Acquisitions completed :		
Date	Engineer	NORTH POINT
 ENGINEERING WASTEWATER DESIGN		 ETHEKWENI MUNICIPALITY
ETHEKWENI WATER AND SANITATION		
Contract No. 30730-5W		
Project Title		
RIET RIVER SEWER REHABILITATION WORKS		
Project No. Y8139		
Drawing Title		
KERB & GABION BASKET DETAILS, PIPE PROTECTION DETAILS.		
Reference Docs.		
Scales : AS SHOWN		
Surveyed : EWS Survey Dept Date:		
Drawn : K.S. NAIDOO Date: NOVEMBER 2024		
Designed : S. MSOMI Date: NOVEMBER 2024		
Checked : S.B. KHAMBULE Date:		
Area Project Manager : S.B. KHAMBULE		
Manager : P. MBHELE (Wastewater Design)		
Deputy Head : B. SONI (Engineering)		
Head (Water & Sanitation)		E. Msveli
Drawing No.	60559	Sheet 5 of 5
		A