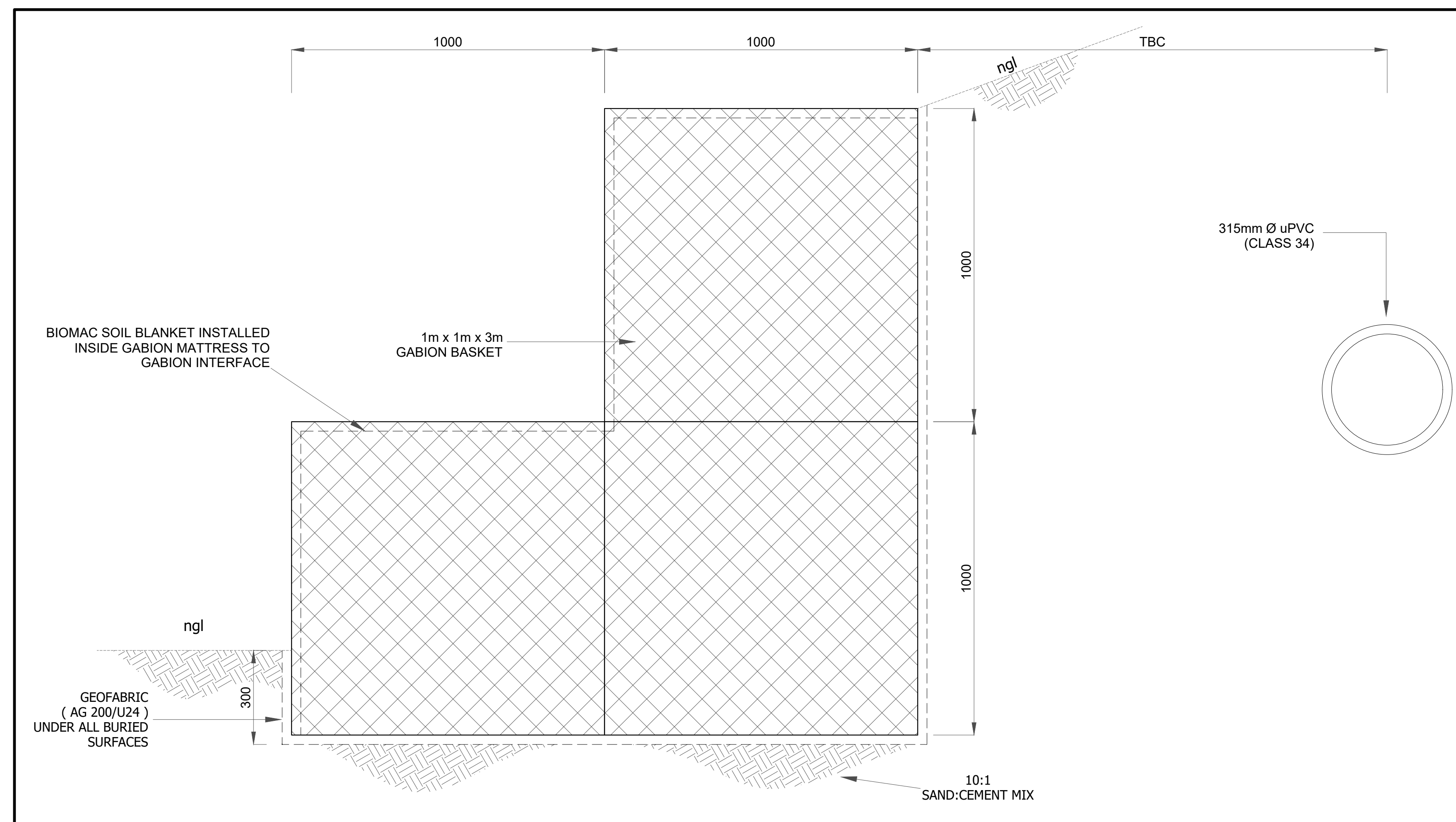
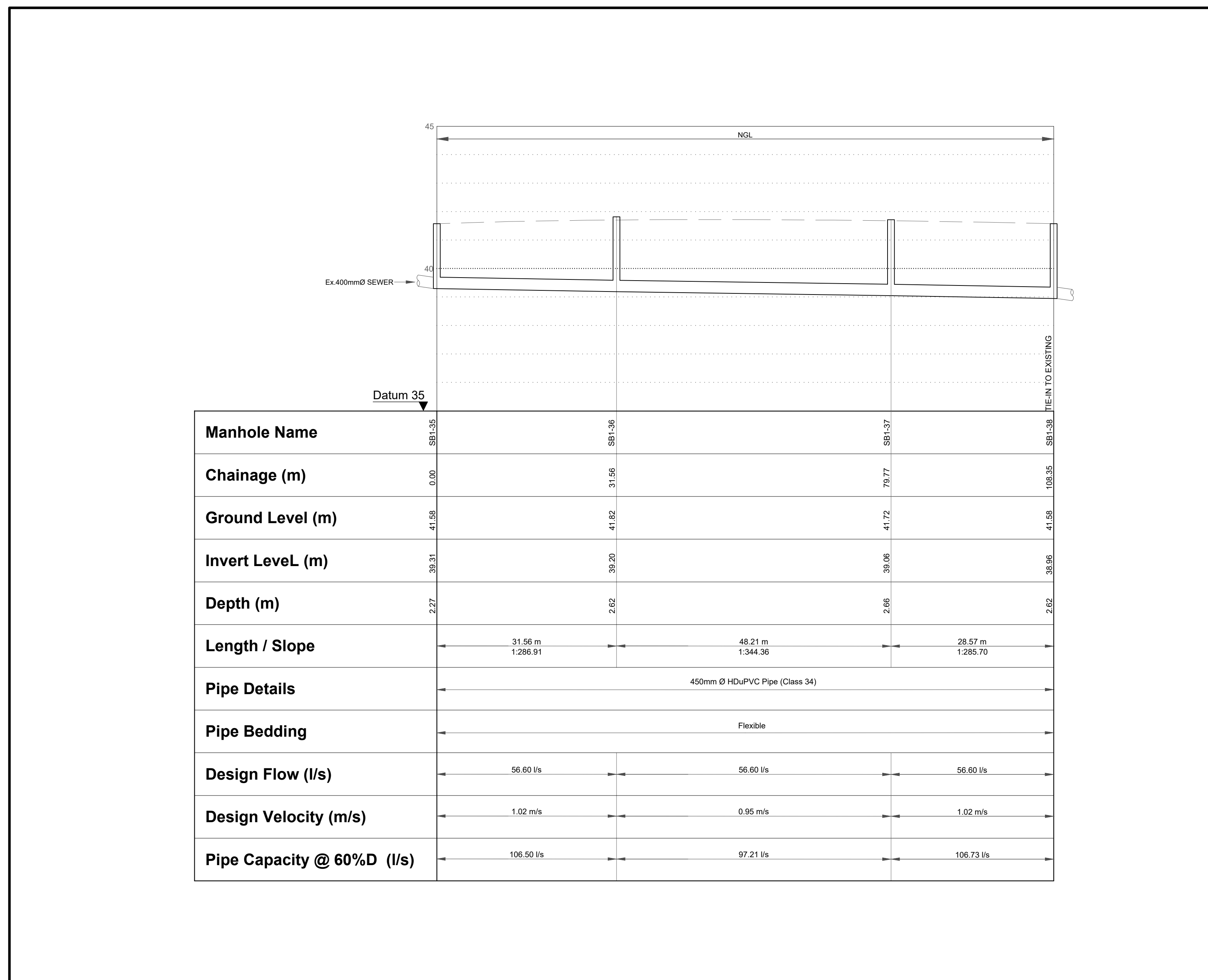
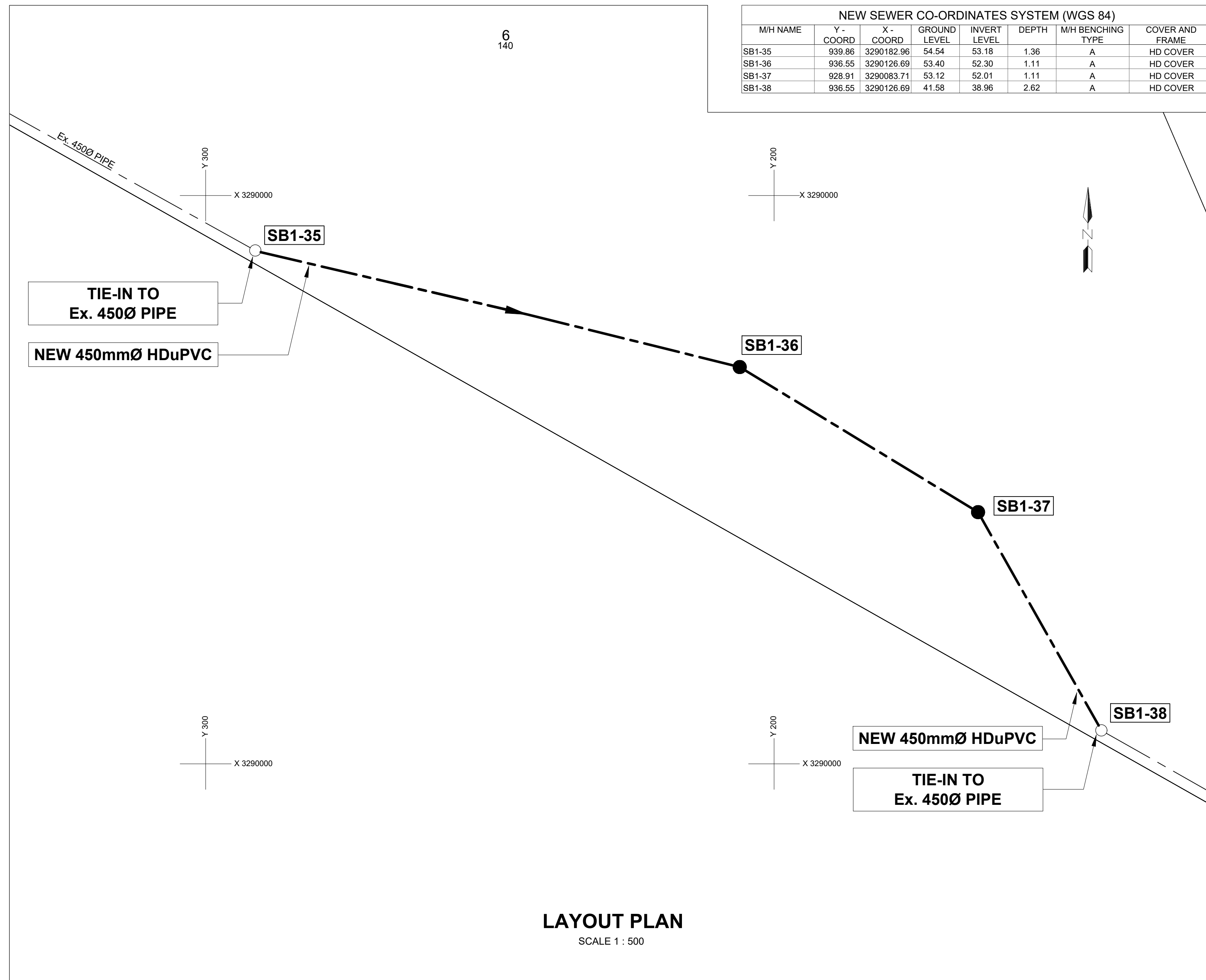




- NOTES :
- Manholes to be in accordance with drawing No. 38570 and 38574.
 - Pipe bedding to be in accordance with SABS 1200-LB.
 - All dimension are to be checked on site prior to any fabrication and commencement to work.
 - Positions and levels of all services in the vicinity of the new sewer to be checked and proved prior to commencement of construction.
 - Sewer pipe shall be class 34 heavy duty uPVC 450mmØ on flexible bedding unless otherwise stated.
 - Where new sewers tie into existing sewers, all inverts to be confirmed on site prior to any excavation taking place.
 - All manholes associated with approaching velocity greater than 3m/s to be xypex modified inside manhole ring and underside of cover slab.
 - The minimum cover to all pipes shall be :
A) Midblock - 800mm
B) Sidewalk - 1000mm
C) Roadway - 1200mm
 - Road reinstatements to be made up as follows :
A) 150mm Sub base - G5 To 95% MOD AASHTO
B) 150mm Base course - G2 To 98% MOD AASHTO
C) 80mm Asphalt wearing course - D Mix
 - All manhole benching is to be Type A, except where Type B benching is required which will be shown on the table and on the long section.
 - All manhole covers to be light duty cover and frame except where heavy duty cover and frame is required which will be shown on the long section.
A) HD concrete in road side walks.
B) Polymer cover and frame HD CI in road carriageways.

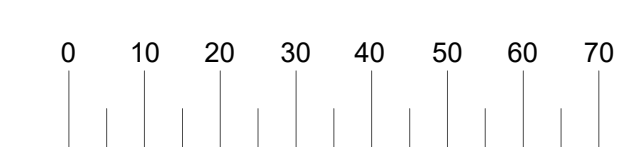
REVISIONS

Revision	Date	Description
A	JAN-2025	TENDER PURPOSES ONLY

AS BUILT

DATE : SIGN :

REDUCED PLAN USE SCALE BELOW



70mm ON ORIGINAL PLAN

LEGEND OF SERVICES

NEW SEWERS AND M.H.'S	●
EXISTING SEWERS AND M.H.'S	○
EX. SEWER TO BE ABANDONED	○
STORM WATER DRAINS AND M.H.'S	■
WATER MAINS AND VALVES	SH
ELECTRICITY CABLES	—
TELKOM / TELECOM CABLES	—
FIBRE OPTIC CABLES	—
ROAD EDGE	—
RIVERS & STREAMS	—
PAVEMENT / SIDEWALK	—
FENCE	—
GABION	—

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 sewers, drains, cables, water mains and connections. Whenever possible these must be located before work proceeds.

NOTE: No construction work to commence until land and servitude acquisitions have been completed. All works to be completed before construction commences.	
Date	Engineer
	NORTH POINT

ENGINEERING
WASTEWATER DESIGN

ETHEKWINI MUNICIPALITY

ETHEKWINI WATER & SANITATION

Contract No. 30577-5W

Project Title
BRIDGE CITY SEWER UPGRADE

Project No. (Y9250)
Drawing Title
**SEWER LAYOUT PLAN,
LONGITUDINAL SECTION
(SB1-35 to SB1-38)
AND GABION PROTECTION
DETAIL**

Reference Drgs.	
Scales	As Shown
Surveyed	Date
Drawn	Date
Designed	Date
Checked	Date
R. NEL	
Area Project Manager:	
Manager	P. MBHELE (Design)
Deputy Head	B. SONI (Engineering)
Head	(Water & Sanitation)
E. MSWELI	
Drawing No.	60561
Sheet	5 of 5
Rev.	A

TENDER PURPOSES ONLY