SEWER POINTS			
POINT NAME	NORTHING	EASTING	COVER LEVEL
MH1	-3647745.220	85441.652	61.915
MH2	-3647765.191	85451.580	65.505
MH3	-3647774.055	85455.990	66.830
MH4	-3647782.924	85460.388	68.165
MH5	-3647791.778	85464.818	69.505
MH6	-3647800.641	85469.228	70.700
MH7	-3647809.414	85473.573	71.840
MH8	-3647729.979	85460.460	64.360
MH9	-3647717.286	85484.605	62.070
MH10	-3647722.995	85487.448	63.355
MH11	-3647731.859	85491.858	65.360
MH12	-3647740.742	85496.266	67.375
MH13	-3647760.237	85505.983	69.970
MH14	-3647769.101	85510.393	71.205
MH15	-3647777.964	85514.803	72.470
MH16	-3647787.624	85519.610	73.860
MH17	-3647704.712	85507.634	62.420
MH18	-3647700.288	85505.417	61.900
MH19	-3647693.316	85529.533	62.100
MH20	-3647706.553	85536.129	65.160

SEWER POINTS			
POINT NAME	NORTHING	EASTING	COVER LEVEL
MH21	-3647715.422	85540.530	67.355
MH22	-3647737.564	85551.551	70.980
MH23	-3647746.427	85555.961	72.225
MH24	-3647755.291	85560.371	73.495
MH25	-3647764.154	85564.781	74.695

General

G1 This drawing shall be read in conjunction with all other working drawings and specifications and with such other written instructions as may be issued during the course of the construction. Any discrepancies or variations shall be referred to the Engineer before proceeding with work.

G2 Work shall be done in accordance with requirements of all relevant and current South African Codes where applicable.

G3 All dimensions relevant to setting out and off-site work shall be verified before construction and fabrication is commenced.

G4 Dimensions shall not be obtained by scaling the drawings.

G5 During construction all structures shall be maintained in a stable condition and no part shall be overstressed.

G6 All levels are in meters above mean sea level.

G7 Where connections to existing drainage systems/services is required the levels and locations of all relevant stormwater outlets, box culverts, outfalls, conduits/services shall be verified before construction and referred to the engineer before construction is commenced.

G8 It is the responsibility of the contractor to locate existing services. Any damage caused to existing services shall be repaired to the satisfaction of the engineer, at t he contractors expense.

G9 Where pits/trenches which are to be constructed in the vicinity of buildings, shoring and bracing adequate to prevent undermining at the building shall be provided to the approval of the Engineer.

G10 All signs are to be provided in English. English only has been shown on the drawings.

G11 All dimensions and levels to be checked on site and where applicable to match existing structure.

G12 Any discrepancy or contradiction is to immediately reported to the Engineer.

G13 A complete set of drawings to be available on site at all times.

G14 All dimensions shown on the plan are to be plotted on site at the horizontal level.

G15 The contractor is responsible for the correct setting out. Details are to be in accordance with the drawings.

Services

S1 The contractor shall provide proper support for all existing services which become exposed due to excavation for installation and relocation of new and existing services.

S2 All concrete stormwater pipes/culverts shall be manufactured in accordance with relevant South African standards and conforming to the requirements in the specification.

S3 Minimum cover to pipes/culverts and conduits shall be 900mm unless noted otherwise on the drawings.

S5 All pits, manholes and headwalls are symmetrical unless noted otherwise on the drawings.

S6 Where existing service lines, that are to be maintained are found to conflict with the new services the Engineer shall be advised and the new services shifted to the Engineers approval.

S7 A sample of fill material together with test results shall be provided to the Engineer prior to construction.

S8 The specification for fill material to be as follows:
(1) contain no organic material or stone of dimension 150mm or two-thirds the thickness of the layer to be compacted.
(2) be cable of compacting to 95% MOD A.A.S.H.T.O. for the gravel wearing course and 93% for the gravel selected layer

Revision Details

No.	Date	Description	By

SINAKHO CONSULTING

EAST LONDON OFFICE
93 Western Avenue, P.O. Box 13101, VINCENT, EAST LONDON, 5217
Tel: 043 726 4389, info@sinakhoconsulting.co.za

KOMANI OFFICE
44 Grey Street, P.O. Box 9676, KOMANI, 5320
Tel: 045 838 3939, info@sinakhoconsulting.co.za

PROUDLY SOUTH AFRICAN

FOR INFORMATION

Client: REDLINE GROUP

Project: NAHOON VALLEY DEVELOPMENT

Drawing Title: SEWER SETTING OUT

Designed:	Scale:
D Ball	As Shown
Drawn:	**Size:**
D Ball	A1
Checked:	**Date:**
D de Wet	04-Sep-2023

Revision: 0

Drawing No.: S222150-SOD-08