



PLAN LAYOUT
SCALE 1:500

LEGEND

LOW POINTS
HIGH POINTS

FILL BANK 1:2
CUT BANK 1:2

CONCRETE V-DRAIN (DETAIL)

LP: XXXX
HP: XXXX

BUCK OF ROAD SERIAL NUMBER

BUCK OF ROAD SERIAL NUMBER

RAUBEX KZN

GENERAL

A. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT SABS 1200 SPECIFICATIONS.

B. THE CONTRACTOR MUST ARRANGE FOR CONTROL TESTING AT FREQUENCIES SPECIFIED IN THE RELEVANT SABS 1200 SPECIFICATIONS. COSTS FOR CONTRACTORS ACCOUNT CONTROL TESTING WILL BE FOR THE CONTRACTORS ACCOUNT.

C. ONCE THE WORKS ARE SET OUT THE CONTRACTOR MUST CALL THE ENGINEER FOR INSPECTION PRIOR TO COMMENCING WITH THE EXCAVATION.

D. SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES IN THE DRAWINGS, THESE DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. NO ASSUMPTIONS MUST BE MADE.

E. SHOULD THE CONTRACTOR WISH TO USE ANY MATERIALS OTHER THAN THOSE SPECIFIED, HE MUST OBTAIN WRITTEN APPROVAL FROM THE ENGINEER TO DO SO.

F. ANY DESIGN CHANGES DURING CONSTRUCTION MUST BE ISSUED UNDER SITE INSTRUCTION, AFTER APPROVAL BY THE ENGINEER.

G. ALL EXISTING SERVICES TO BE PROVIDED & VERIFIED PRIOR TO WORK COMMENCING. ANY EXISTING SERVICE THAT IS DAMAGED BY THE CONTRACTOR AND IS SHOWN ON THE CONSTRUCTION DRAWINGS OR INDICATED TO THE CONTRACTOR ON SITE BY THE ENGINEER, MUST BE REPAIRED BY THE CONTRACTOR AT HIS OWN COST.

H. THE CONTOURS AND NATURAL GROUND LEVELS INDICATED ON THIS DRAWING ARE AS PER THE SURVEY DATA SUPPLIED. THE CONTRACTOR IS TO CHECK THE ACCURACY OF THIS INFORMATION AND REPORT ANY DISCREPANCIES IMMEDIATELY.

I. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL STORMWATER RUNOFF IS CONTROLLED TO PREVENT DAMAGE TO THE WORKS, EXISTING STRUCTURES AND SURROUNDING PROPERTIES, DURING THE CONSTRUCTION PROCESS.

J. ALL CUT AND FILL BATTERS TO BE 1:1.5 AND 1:2 RESPECTIVELY.

K. THE CONTRACTOR IS TO TAKE COGNISANCE OF THE GEOTECHNICAL REPORT AND THE RECOMMENDATIONS MADE THEREIN SPECIFICALLY WITH REGARD TO THE IN-SITU MOISTURE CONTENT OF THE MATERIAL.

L. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT DETAIL DRAWINGS.

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Revision	Date	Description
2	13/07/2022	RAISED FOR DISCUSSION
1	09/06/2022	ETA COMMENTS
0	02/06/2022	ISSUED FOR CONSTRUCTION

NOTE: No construction work to correction and and servitude acquisitions have been completed.

Acquisitions completed: -

Date: - Engineer: -

SERVICE	DATE	SIGNATURE
S.W.DRONE		
SEWERS		
WATER MAINS		
G.P.P. CABLES		
ELECTRIC CABLES		
S.A.P. CABLES		
E.S.C. CABLES		
CABLE LINE		

NOTE: Only underground services affected by new construction work are shown. Date 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.

Contract No

Client

Project Title

Drawing Title

NA

TRANSNET NATIONAL PORTS AUTHORITY

BAYHEAD ROAD BYPASS

ROAD LAYOUT PLAN (SHEET 3 OF 4)

DATE	2022-07-13	DR - DESIGN CENTRE MANAGER
SCALE	AS SHOWN	AS SHOWN
DESIGNED BY	DYLAN TAYLOR	DR - PORT ENGINEER
CHECKED BY	VIGNESH NADDOO	DR - PORT ENGINEER
DRAWN BY	SIPHAKALAZO KHUMALO	DR - PORT ENGINEER
CHECKED BY	VIGNESH NADDOO	DR - PORT ENGINEER

PAPER SIZE	TRANSNET DRY: NO.	SHEET	REV.
A0	1591.073	1	1

CONSULTANT / CONTRACTOR DRW NO: BMK-1724-001-003

POINT	Y	X
R1-1	465.348	3 308 073.236
R1-2	493.238	3 308 076.708
R1-3	454.257	3 308 051.407
R1-4	426.420	3 308 047.856

POINT	Y	X
BU1-1	666.150	3 307 034.890
BU1-2	675.852	3 307 016.270
BU1-3	648.834	3 307 032.792
BU1-4	638.705	3 307 051.691

NAME	CH	Y	X	DETAILS
START	0.000	-147.933	3 308 823.270	L 642.315m
BCC9	642.315	156.196	3 308 257.518	R 223.500m DA 18°45'30" TL 36.917m AL 73.174m
P10	715.489	173.676	3 308 225.002	R 132.500m DA 50°10'50" TL 74.072m AL 138.583m
BCC10	865.704	310.579	3 308 097.425	R 151.500m DA 68°14'30" TL 76.429m AL 145.282m
P11	1004.287	438.271	3 308 056.102	R 111.500m DA 70°14'40" TL 83.353m AL 140.391m
BCC11	1037.247	470.977	3 308 060.185	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P12	1218.571	622.833	3 307 982.237	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC12	1450.099	733.454	3 307 778.845	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P13	1586.799	718.748	3 307 641.837	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC13	1595.580	712.907	3 307 644.837	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m

NAME	CH	Y	X	DETAILS
START	0.000	-147.933	3 308 823.270	L 642.315m
BCC1	642.315	162.362	3 308 260.833	R 216.500m DA 18°45'30" TL 36.761m AL 70.882m
P11	713.197	179.294	3 308 229.335	R 132.500m DA 50°10'50" TL 74.072m AL 138.583m
BCC2	863.412	316.352	3 308 102.546	R 151.500m DA 68°14'30" TL 76.429m AL 145.282m
P12	966.875	387.148	3 308 054.278	R 111.500m DA 70°14'40" TL 83.353m AL 140.391m
BCC3	1028.835	470.108	3 308 067.131	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P13	1217.324	578.489	3 308 080.409	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC4	1217.324	628.399	3 307 986.844	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P14	1227.110	633.389	3 307 982.302	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC5	1246.324	643.669	3 307 961.995	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P15	1257.383	648.628	3 307 957.332	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC6	1268.632	663.246	3 307 926.768	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P16	1284.416	666.062	3 307 921.590	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC7	1314.909	675.341	3 307 901.216	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P17	1328.893	677.784	3 307 895.852	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC8	1450.184	739.803	3 307 782.189	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P18	1595.467	723.974	3 307 646.755	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC9	1604.247	718.133	3 307 640.180	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m

NAME	CH	Y	X	DETAILS
START	0.000	-144.850	3 308 824.927	L 642.315m
BCC1	642.315	159.278	3 308 259.176	R 220.000m DA 18°45'30" TL 36.339m AL 72.028m
P11	714.343	176.485	3 308 227.168	R 132.500m DA 50°10'50" TL 74.072m AL 138.583m
BCC2	864.568	312.966	3 308 099.886	R 155.000m DA 68°14'30" TL 76.429m AL 145.282m
P12	966.875	385.959	3 308 050.803	R 111.500m DA 70°14'40" TL 83.353m AL 140.391m
BCC3	1000.081	437.837	3 308 059.378	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P13	1033.041	470.543	3 308 063.688	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC4	1218.553	575.413	3 308 076.750	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
P14	1450.082	736.529	3 307 780.517	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m
BCC5	1591.073	721.361	3 307 649.063	R 115.000m DA 70°14'40" TL 83.353m AL 140.391m