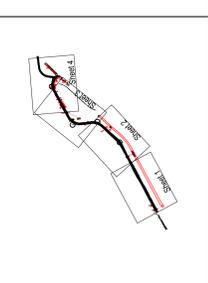


PLAN LAYOUT  
SCALE 1:500



- 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 OTHER THAN THOSE SPECIFIED, HE MUST OBTAIN WRITTEN APPROVAL FROM THE ENGINEER TO DO SO.
  - 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. IN THE CONTIGUOUS 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 commence until all area and servitude acquisitions have been completed.

Acquisitions completed: \_\_\_\_\_  
Date: \_\_\_\_\_ Engineer: \_\_\_\_\_

SERVICE	DATE	SIGNATURE
SEWERS		
WATER MAINS		
D.P. CABLES		
ELECTRIC CABLES		
FAIR CABLES		
E.S.C. CABLES		
ES. FIRE 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. Wherever possible these must be located before work proceeds.

Contract No: NA  
Client: TRANSNET NATIONAL PORTS AUTHORITY

Project Title: BAYHEAD ROAD BYPASS

Drawing Title: ROAD LAYOUT PLAN (SHEET 2 OF 4)

DATE	2022-07-13	DR - DESIGN CENTRE MANAGER
SCALE	AS SHOWN	
DESIGNED BY	DYLAN TAYLOR	DR - PORT ENGINEER
CHECKED BY	INGNESH MADDOO	
DRAWN BY	SPIRANALDO KHUMALO	DR - PLANNER/DRAWER
CHECKED BY	INGNESH MADDOO	

PAPER SIZE: TRANSNET DRWG. NO. SHEET REV.  
A0  
CONSULTANT / CONTRACTOR DRWG. NO. BMK-1724-001-002

SETT-LINE: Bypass Road - Left				
NAME	CH	Y	X	DETAILS
START	0.000	-141.787	3 308 826.584	L 642.315m
BCC1	642.315	162.362	3 308 260.833	R 216.200m
PI1		176.294	3 308 229.235	DA 18'45"30"
ECC1	713.197	205.457	3 308 204.655	TL 35.761m AL 70.862m
BCC2	863.412	315.352	3 308 102.546	R 151.500m
PI2		367.148	3 308 054.278	DA 50'05"50"
ECC2	965.675	437.403	3 308 063.049	TL 70.800m AL 132.463m
BCC3	1028.835	470.109	3 308 067.131	R 158.500m
PI3		576.469	3 308 080.409	DA 60'10"10"
ECC3	1217.324	628.399	3 307 989.644	TL 107.165m AL 188.490m
BCC4	1217.324	628.399	3 307 989.644	R 166.500m
PI4		630.770	3 307 982.362	DA 3'22"00"
ECC4	1227.110	633.389	3 307 978.227	TL 4.894m AL 9.798m
BCC5	1246.324	643.689	3 307 961.995	R 166.500m
PI5		646.628	3 307 957.322	DA 3'45"20"
ECC5	1257.383	649.271	3 307 952.463	TL 5.531m AL 11.059m
BCC6	1286.632	663.246	3 307 926.768	R 166.500m
PI6		665.902	3 307 921.550	DA 4'02"20"
ECC6	1298.416	668.506	3 307 916.225	TL 5.895m AL 11.794m
BCC7	1314.909	675.341	3 307 901.216	R 165.500m
PI7		677.784	3 307 895.852	DA 70'14"00"
ECC7	1326.693	680.601	3 307 890.673	TL 5.895m AL 11.794m
BCC8	1450.184	739.603	3 307 782.189	R 118.500m
PI8		779.428	3 307 708.965	DA 70'14"00"
ECC8	1595.667	723.074	3 307 646.735	TL 83.353m AL 145.282m
END	1604.247	718.133	3 307 640.180	L 8.780m

SETT-LINE: Bypass Road - Right				
NAME	CH	Y	X	DETAILS
START	0.000	-147.933	3 308 823.270	L 642.315m
BCC9	642.315	158.196	3 308 257.518	R 223.500m
PI9		173.676	3 308 225.002	DA 18'45"30"
ECC9	715.489	200.685	3 308 199.834	TL 36.917m AL 73.174m
BCC10	865.704	310.579	3 308 097.425	R 158.500m
PI10		364.769	3 308 046.927	DA 50'05"50"
ECC10	1004.287	438.271	3 308 056.102	TL 74.072m AL 138.533m
BCC11	1037.247	470.977	3 308 060.185	R 151.500m
PI11		573.478	3 308 072.681	DA 68'34"30"
ECC11	1218.571	622.833	3 307 982.237	TL 103.299m AL 191.524m
BCC12	1450.099	733.454	3 307 778.845	R 111.500m
PI12		770.926	3 307 709.840	DA 70'14"00"
ECC12	1588.709	718.745	3 307 651.392	TL 78.429m AL 136.709m
END	1595.580	712.907	3 307 644.837	L 8.780m

SETTING OUT DATA: Bypass Road				
NAME	CH	Y	X	DETAILS
START	0.000	-144.850	3 308 824.927	L 642.315m
BCC1	642.315	159.279	3 308 259.176	R 220.000m
PI1		175.445	3 308 227.188	DA 18'45"30"
ECC1	714.343	203.071	3 308 202.394	TL 36.239m AL 72.039m
BCC2	864.558	312.966	3 308 099.889	R 155.000m
PI2		365.959	3 308 056.803	DA 50'05"50"
ECC2	1000.081	437.837	3 308 059.576	TL 72.439m AL 135.523m
BCC3	1033.041	470.543	3 308 063.658	R 155.000m
PI3		575.413	3 308 076.750	DA 68'34"30"
ECC3	1218.953	625.907	3 307 983.000	TL 105.884m AL 185.513m
BCC4	1450.082	736.529	3 307 780.517	R 115.000m
PI4		775.177	3 307 709.456	DA 70'14"00"
ECC4	1591.073	721.361	3 307 649.983	TL 80.891m AL 140.991m