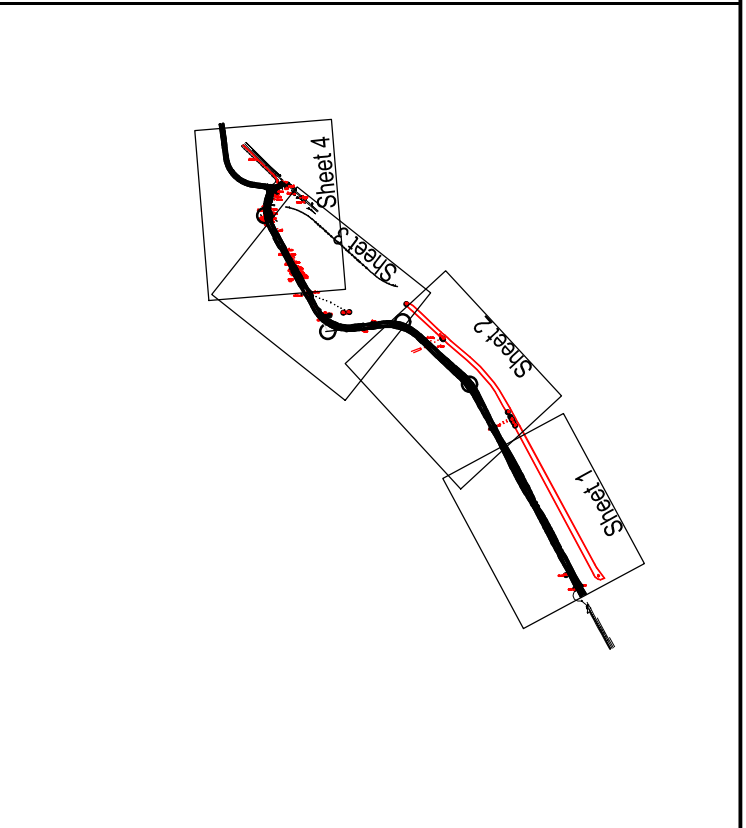


national ports
authority



- 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 CONTRACTORS 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
1	13/07/2022	RAISED FOR DISCUSSION
2	09/08/2022	STA COMMENTS
0	02/08/2022	ISSUED FOR CONSTRUCTION

NOTE: No construction work to commence until all land and service excavations have been completed.

Acquisitions completed: -	
Date	Engineer

UNDERGROUND SERVICES CHECKED		
SERVICE	DATE	SIGNATURE
SEWERS		
WATER MAINS		
G.P.D. CABLES		
ELECTRIC CABLES		
DATA CABLES		
E.S.G. CABLES		
DATA 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

Client

Project Title

Drawing Title

NA

TRANSNET NATIONAL PORTS AUTHORITY

BAYHEAD ROAD BYPASS

ROAD LAYOUT PLAN (SHEET 1 OF 4)

DATE	2022-07-13	CH- DESIGN CENTRE MANAGER
SCALE	AS SHOWN	AS SHOWN
DESIGNED BY	DELAN TAYLOR	DR-PORT ENGINEER
CHECKED BY	VINGESH MADDOO	CH-PLANNER
DRAWN BY	KHUMALO	CH-PLANNER
CHECKED BY	VINGESH MADDOO	CH-PLANNER

PAPER SIZE	TRANSNET DRY- NO	SHEET	REV.
A0	CONSULTANT / CONTRACTOR DRY- NO		
BMK-1724-001-001			

SETT-LINE Bypass Road - Left				
NAME	CH	Y	X	DETAILS
START	0.000	-141.767	3 308 826.584	L 642.315m
BCC1	642.315	162.362	3 308 260.833	R 216.500m
P11	170.294	3 308 229.335	TL 35.761m	
ECC1	713.197	205.457	3 308 204.955	AL 70.882m
BCC2	863.412	315.352	3 308 102.546	R 151.500m
P12	367.148	3 308 054.278	TL 70.800m	
ECC2	995.875	437.403	3 308 063.049	AL 132.463m
BCC3	1028.835	470.109	3 308 087.131	R 158.500m
P13	576.469	3 308 080.409	TL 107.165m	
ECC3	1217.324	628.399	3 307 986.644	AL 188.490m
BCC4	1217.324	628.399	3 307 986.644	R 166.500m
P14	633.770	3 307 982.302	TL 4.894m	
ECC4	1227.110	633.389	3 307 978.227	AL 9.759m
BCC5	1246.324	643.669	3 307 961.995	R 166.500m
P15	646.628	3 307 957.322	TL 5.531m	
ECC5	1257.383	649.271	3 307 952.463	AL 11.059m
BCC6	1286.832	663.246	3 307 926.768	R 166.500m
P16	666.062	3 307 921.590	TL 70.800m	
ECC6	1298.416	669.506	3 307 916.225	AL 11.784m
BCC7	1314.909	675.341	3 307 901.216	R 166.500m
P17	677.784	3 307 895.852	TL 70.800m	
ECC7	1326.893	680.601	3 307 890.973	AL 11.784m
BCC8	1450.184	739.603	3 307 782.189	R 118.500m
P18	779.428	3 307 708.965	TL 63.353m	
ECC8	1595.467	723.974	3 307 646.735	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	156.196	3 308 257.518	R 223.500m
P19	173.676	3 308 225.002	TL 16.4530"	
ECC9	715.489	200.655	3 308 199.834	AL 73.174m
BCC10	865.704	310.579	3 308 097.425	R 158.500m
P20	364.769	3 308 046.927	TL 74.072m	
ECC10	1004.287	438.271	3 308 056.102	AL 136.583m
BCC11	1037.247	470.977	3 308 060.185	R 151.500m
P21	573.478	3 308 072.881	TL 103.298m	
ECC11	1218.571	622.833	3 307 992.237	AL 161.324m
BCC12	1450.099	733.454	3 307 778.845	R 111.500m
P22	770.926	3 307 709.846	TL 76.429m	
ECC12	1586.799	718.748	3 307 651.392	AL 136.700m
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	159.278	3 308 259.176	R 220.000m
P21	176.485	3 308 227.168	TL 18.4530"	
ECC1	714.343	203.071	3 308 202.394	AL 72.028m
BCC2	864.558	312.966	3 308 099.986	R 155.000m
P22	365.959	3 308 050.803	TL 50.0550"	
ECC2	1000.081	437.837	3 308 059.576	AL 135.623m
BCC3	1033.041	470.543	3 308 063.658	R 155.000m
P23	575.413	3 308 076.750	TL 105.894m	
ECC3	1216.553	625.907	3 307 983.909	AL 185.513m
BCC4	1450.082	736.529	3 307 780.517	R 115.000m
P24	775.177	3 307 709.456	TL 60.391m	
ECC4	1591.073	721.361	3 307 649.063	AL 140.991m