

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

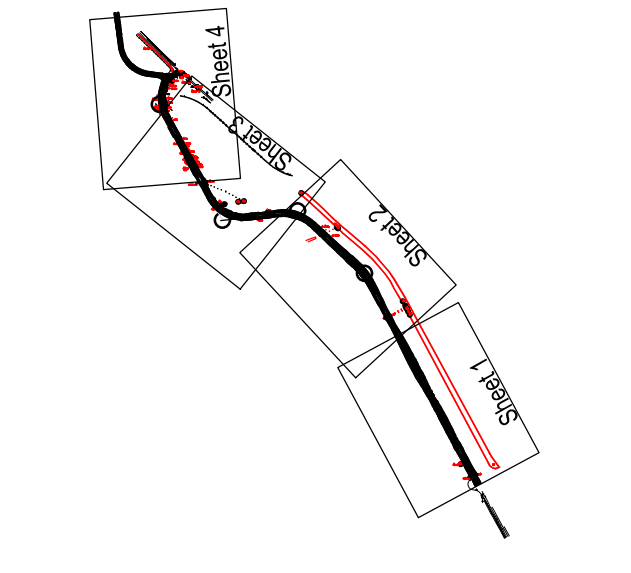
EDGE OF ROAD SIGNING POSTS

EDGE OF ROAD SIGNING POSTS



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 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 CONSIDERATION 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	08/06/2022	ETA COMMENTS
0	02/06/2022	ISSUED FOR CONSTRUCTION

NOTE: No construction work to commence until all and sundry acquisitions have been completed.

Acquisitions completed: -

Date: - Engineer: -

SERVICE	DATE	SIGNATURE
S.W. DRAIN		
SEWERS		
WATER MAINS		
D.P. CABLES		
ELECTRIC CABLES		
S.A.P. CABLES		
E.S.C. CABLES		
OVERHEAD 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 4 OF 4)

DATE	2022-07-13	DR - DESIGN CENTRE MANAGER
SCALE	AS SHOWN	
DESIGNED BY	DYLAN TAYLOR	DR - PORT ENGINEER
CHECKED BY	VIGNESH MAIDOO	
DRAWN BY	SIRHANALZO KHUMALO	DR - PLAN DRAWER
CHECKED BY	VIGNESH MAIDOO	

PAPER SIZE	A0	TRANSPORT DRAW NO.		SHEET		REV.	
CONSULTANT / CONTRACTOR DRAW NO.							
BMK-1724-001-004							

SETT-LINE-Bypass Road - Left				
NAME	CH	Y	X	DETAILS
START	0.00	-141.767	3 308 826.584	L 642.315m
BCC1	642.315	162.362	3 308 260.833	R 216.500m
P11	179.294	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	367.146	3 308 054.278	TL 70.800m	
ECC2	995.875	437.403	3 308 063.049	AL 132.463m
BCC3	1028.835	470.109	3 308 667.131	R 158.500m
P13	576.469	3 308 080.409	TL 107.165m	
ECC3	1217.324	628.399	3 307 966.644	AL 188.490m
BCC4	1217.324	628.399	3 307 966.644	R 166.500m
P14	630.770	3 307 962.382	TL 4.894m	
ECC4	1227.110	633.389	3 307 978.227	AL 8.739m
BCC5	1246.324	643.669	3 307 961.995	R 166.500m
P15	643.628	3 307 967.322	TL 5.531m	
ECC5	1257.283	649.271	3 307 952.463	AL 11.559m
BCC6	1286.632	663.246	3 307 926.768	R 166.500m
P16	646.628	3 307 921.590	TL 4.922m	
ECC6	1298.416	669.266	3 307 916.225	AL 11.794m
BCC7	1314.909	675.341	3 307 901.216	R 166.500m
P17	677.784	3 307 895.852	TL 5.895m	
ECC7	1326.693	680.601	3 307 890.673	AL 11.794m
BCC8	1450.184	730.693	3 307 782.189	R 118.500m
P18	779.428	3 307 708.965	TL 83.353m	
ECC8	1595.467	723.974	3 307 646.735	AL 145.282m
END	1604.247	718.133	3 307 640.180	L 8.780m

SETTING OUT DATA-Bypass Road				
NAME	CH	Y	X	DETAILS
START	0.00	-144.850	3 308 824.927	L 642.315m
BCC1	642.315	159.279	3 308 259.176	R 220.000m
P11	178.485	3 308 227.168	TL 18.453m	
ECC1	714.543	203.071	3 308 202.394	AL 72.028m
BCC2	864.558	312.966	3 308 099.986	R 155.000m
P12	365.959	3 308 050.603	TL 72.439m	
ECC2	1000.081	437.837	3 308 059.578	AL 135.623m
BCC3	1033.041	470.543	3 308 063.658	R 155.000m
P13	575.413	3 308 076.750	TL 105.949m	
ECC3	1218.553	625.907	3 307 963.909	AL 185.513m
BCC4	1450.082	736.529	3 307 780.517	R 115.000m
P14	775.177	3 307 709.456	TL 80.991m	
ECC4	1591.073	721.361	3 307 649.063	AL 140.991m