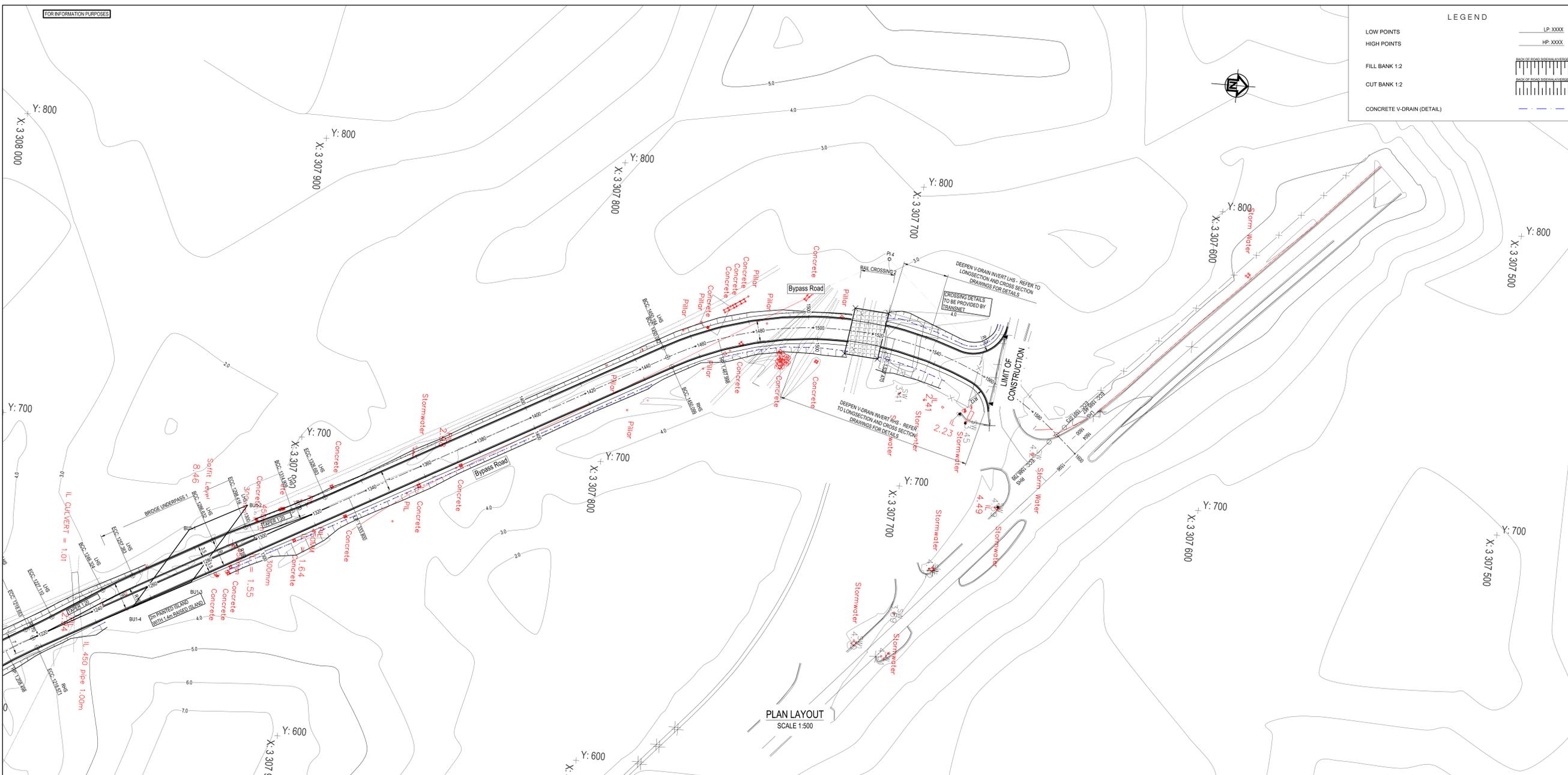
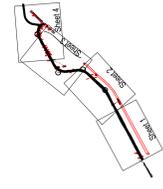
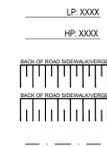


FOR INFORMATION PURPOSES

LEGEND

- LOW POINTS LP: XXXX
- HIGH POINTS HP: XXXX
- FILL BANK 1:2
- CUT BANK 1:2
- CONCRETE V-DRAIN (DETAIL)



PLAN LAYOUT SCALE 1:500

- GENERAL
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT SABS 1200 SPECIFICATIONS.
  - 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.
  - ONCE THE WORKS ARE SET OUT THE CONTRACTOR MUST CALL THE ENGINEER FOR INSPECTION PRIOR TO COMMENCING WITH THE EXCAVATION.
  - IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES IN THE DRAWINGS, THESE DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. NO ASSUMPTIONS MUST BE MADE.
  - IF THE CONTRACTOR WISHES TO USE ANY MATERIALS OTHER THAN THOSE SPECIFIED, HE MUST OBTAIN WRITTEN APPROVAL FROM THE ENGINEER TO DO SO.
  - ANY DESIGN CHANGES DURING CONSTRUCTION MUST BE ISSUED UNDER SITE INSTRUCTION, AFTER APPROVAL BY THE ENGINEER.
  - 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.
  - THE CONTOURS AND NATURAL FINISHING 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.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL STORMWATER RUNOFF IS CONTROLLED TO PREVENT DAMAGE TO THE WORKS, EXISTING STRUCTURES AND SURROUNDING PROPERTIES, DURING THE CONSTRUCTION PROCESS.
  - ALL CUT AND FILL BATTERS TO BE 1:1.5 AND 1:2 RESPECTIVELY.
  - THE CONTRACTOR IS TO TAKE CONSIDERATION OF THE GEOTECHNICAL REPORT AND THE RECOMMENDATIONS MADE THEREIN, ESPECIALLY WITH REGARD TO THE IN-SITU MOISTURE CONTENT OF THE MATERIAL.
  - 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 underground services have been completed.

Acquisitions completed:

Date: \_\_\_\_\_ Engineer: \_\_\_\_\_

UNDERGROUND SERVICES CHECKED

SERVICE	DATE	SIGNATURE
SEWER		
WATER MAIN		
G.P. CABLES		
ELECTRIC CABLES		
E.S.C. CABLES		
CELL 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: NA

Client: TRANSNET NATIONAL PORTS AUTHORITY

Project Title: BAYHEAD ROAD BYPASS

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

DATE	BY	CHKD	DRN - DESIGN CENTRE MANAGER
SCALE	AS SHOWN		
DESIGNED BY	DIYAN TAYLOR	DR - PORT ENGINEER	
CHECKED BY	YVONNE MADDOCK	DR - PORT ENGINEER	
DRAWN BY	YVONNE MADDOCK	DR - PORT ENGINEER	
CHECKED BY	YVONNE MADDOCK	DR - PORT ENGINEER	

NAME	CH	Y	X	DETAILS
START	0.000	-141.767	3 308 626.584	L 642.315m
BCC1	642.315	162.362	3 308 260.833	R 216.500m
PI1	179.294	3 308 229.335		TL 35.781m
ECC1	205.457	3 308 204.955		AL 70.882m
BCC2	863.412	315.952	3 308 102.546	R 151.500m
PI2	367.148	3 308 054.278		DA 50°05'50"
ECC2	995.875	437.403	3 308 063.049	TL 70.900m AL 132.463m
BCC3	1028.835	470.109	3 308 067.131	R 158.500m
PI3	576.489	3 308 080.409		DA 68°08'10"
ECC3	1217.324	628.399	3 307 986.844	TL 107.165m AL 188.490m

NAME	CH	Y	X	DETAILS
BCC4	1217.324	628.399	3 307 986.844	R 166.500m
PI4	630.770	3 307 982.382		DA 3°22'00"
ECC4	1227.110	633.389	3 307 978.227	TL 4.844m AL 8.758m
BCC5	1246.324	643.869	3 307 981.995	R 166.500m
PI5	646.628	3 307 957.332		DA 3°48'20"
ECC5	1257.383	649.271	3 307 952.463	TL 5.531m AL 11.559m
BCC6	1286.832	663.246	3 307 926.768	R 166.500m
PI6	666.062	3 307 921.590		DA 4°02'20"
ECC6	1298.416	669.506	3 307 916.025	TL 5.895m AL 11.784m
BCC7	1314.909	675.341	3 307 901.216	R 166.500m
PI7	677.784	3 307 895.852		DA 4°02'20"
ECC7	1326.693	680.601	3 307 890.873	TL 5.895m AL 11.784m
BCC8	1450.184	730.633	3 307 782.189	R 118.500m
PI8	778.428	3 307 708.965		DA 7°0'14.40"
ECC8	1595.467	723.974	3 307 646.735	TL 83.530m AL 145.282m
END	1604.247	718.133	3 307 640.180	L 8.780m

NAME	CH	Y	X	DETAILS
START	0.000	-144.850	3 308 624.927	L 642.315m
BCC1	642.315	159.279	3 308 259.176	R 220.000m
PI1	176.485	3 308 227.188		DA 18°45'30"
ECC1	203.071	3 308 202.294		TL 36.338m AL 72.028m
BCC2	864.568	312.966	3 308 099.866	R 155.000m
PI2	365.959	3 308 050.603		DA 50°05'50"
ECC2	1000.081	437.837	3 308 059.576	TL 72.438m AL 135.623m
BCC3	1033.041	470.543	3 308 063.658	R 155.000m
PI3	575.413	3 308 076.750		DA 68°34'30"
ECC3	1218.563	625.907	3 307 983.909	TL 106.846m AL 185.513m
BCC4	1450.082	736.529	3 307 780.517	R 115.000m
PI4	775.177	3 307 709.456		DA 7°0'14.40"
ECC4	1591.073	721.361	3 307 649.063	TL 80.851m AL 140.991m

PAPER SIZE: A0  
 CONSULTANT / CONTRACTOR DRW. NO.: BMK-1724-001-004