

ACCESS ROAD HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	DETAILS
START	0.000	39395.189	3678557.802	L 46.716m
BCC1 PI1 ECC1	46.716 64.994	36964.854 36966.766 36971.784	3678603.507 3678612.549 3678620.311	R 50.000m DA 20°56'40" TL 9.242m AL 18.278m
STRAIGHT	721.404	38728.193	3679171.533	L 656.409m
BCC2 PI2 ECC2	721.404 779.221	38728.193 38744.452 38772.536	3679171.533 3679186.680 3679207.072	R 90.000m DA 38°48'30" TL 29.945m AL 57.817m
STRAIGHT	866.334	39854.235	3679237.305	L 87.113m
BCC3 PI3 ECC3	866.334 882.720	39854.235 39861.540 39870.034	3679237.305 3679240.156 3679241.595	R 90.000m DA 10°02'50" TL 8.216m AL 16.386m
STRAIGHT	1159.292	40142.508	3679288.998	L 276.572m
BCC4 PI4 ECC4	1159.292 1175.826	40142.508 40150.655 40158.713	3679288.998 3679290.416 3679292.274	R 305.000m DA 3°08'20" TL 9.269m AL 16.534m
STRAIGHT	1600.666	40572.696	3679387.706	L 424.840m
BCC5 PI5 ECC5	1600.666 1652.023	40572.696 40587.763 40623.406	3679387.706 3679393.485 3679395.536	R 350.000m DA 8°24'30" TL 25.725m AL 51.357m
STRAIGHT	1791.411	40762.350	3679406.652	L 139.388m
BCC6 PI6 ECC6	1791.411 1832.660	40762.350 40782.915 40803.347	3679406.652 3679408.298 3679411.151	R 700.000m DA 3°22'30" TL 20.630m AL 41.249m
STRAIGHT	2019.785	40988.672	3679437.033	L 187.124m
BCC7 PI7 ECC7	2019.785 2066.514	40988.672 41011.881 41034.658	3679437.033 3679440.274 3679445.784	R 475.000m DA 5°59'00" TL 23.434m AL 46.829m
STRAIGHT	2228.511	41192.016	3679483.850	L 161.897m
BCC8 PI8 ECC8	2228.511 2256.741	41192.016 41205.776 41218.670	3679483.850 3679487.178 3679493.023	R 150.000m DA 10°47'00" TL 14.157m AL 28.230m
STRAIGHT	2538.257	41475.079	3679609.238	L 281.516m
BCC9 PI9 ECC9	2538.257 2580.812	41475.079 41494.756 41516.361	3679609.238 3679618.157 3679618.157	R 100.000m DA 24°23'00" TL 21.694m AL 42.555m
END	2683.038	41618.586	3679618.157	L 102.226m

ROAD A HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	DETAILS
START	0.000	41598.578	3679618.157	L 150.985m
BCC1 PI1 ECC1	150.985 215.966	41749.583 41782.112 41814.242	3679618.157 3679618.529 3679623.753	R 433.031m DA 8°34'50" TL 32.552m AL 64.982m
STRAIGHT	447.949	42042.804	3679663.446	L 231.983m
BCC2 PI2 ECC2	447.949 546.973	42042.804 42101.673 42100.580	3679663.446 3679673.956 3679733.746	R 70.110m DA 80°55'30" TL 58.800m AL 99.024m
BCC3 PI3 ECC3	546.973 735.901	42100.580 42104.296 42238.604	3679733.746 3679922.962 3679789.628	R 80.983m DA 133°40'00" TL 189.253m AL 188.529m
BCC4 PI4 ECC4	735.901 904.077	42238.604 42239.349 42205.244	3679789.628 3679693.139 3679654.727	R 80.129m DA 120°15'10" TL 139.458m AL 168.178m

ROAD B HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	LENGTH (m)
START	0.000	42004.281	3679656.756	61.654
END	61.654	42010.065	3679595.374	

ROAD C HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	LENGTH (m)
START	0.000	42171.941	3679688.030	95.000
END	95.000	42239.116	3679620.855	

ROAD D HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	DETAILS
START	0.000	42263.308	3679732.145	L 229.589m
STRAIGHT	0.000	42263.308	3679732.145	L 229.589m
BCC1 PI1 ECC1	229.589 260.434	42492.811 42509.746 42518.989	3679738.430 3679738.894 3679724.631	R 30.000m DA 98°54'30" TL 16.842m AL 30.845m
END	344.000	42563.886	3679654.277	L 83.596m

ROAD E HORIZONTAL ROAD SETTING OUT DATA				
NAME	CH	Y	X	LENGTH (m)
START	0.000	42500.548	3679737.633	43.892
END	43.892	42537.590	3679761.319	

NOTES:

- THIS DRAWING IS BASED ON THE LO-21 WGS84 COORDINATE SYSTEM.
- ALL SETTING OUT DATA MUST BE CONFIRMED WITH THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER FOR VERIFICATION.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SANS 1200.
- ALL WORK SHALL BE TESTED AS PER THE REQUIREMENTS OF SANS 1200 OR AS PER THE APPROVED QMS.
- THE CONTRACTOR IS TO REMAIN CLEAR OF - AND NO WORK TO BE DONE WITHIN - ENVIRONMENTALLY SENSITIVE AREAS WITHOUT PRIOR CONSENT FROM THE ECO.
- TOPSOIL STRIPPING TO BE DONE TO A MINIMUM DEPTH OF 150mm AND ALL ORGANIC MATERIAL TO BE REMOVED. TOPSOIL IS TO BE BLADED INTO WINROWS ON EITHER SIDE OUTSIDE OF THE CONSTRUCTION AREA.
- ALL EXISTING STORMWATER AND ROAD INFRASTRUCTURE TO BE PRESERVED AND MAINTAINED DURING CONSTRUCTION.

A	2025-02-12	FOR TENDER
REV	DATE	DESCRIPTION



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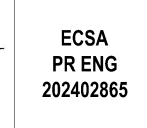
**SOUTH AFRICAN NATIONAL  
SPACE AGENCY**

PROJECT TITLE

**SANSA MATJIESFONTEIN**

DRAWING TITLE

**ROAD HORIZONTAL  
SETTING OUT DATA**

SCALE <b>1:1000</b>	SIZE <b>A0</b>	APPROVED <b>SHR BUCKLE</b>
DESIGNED <b>S. RAMNCWANA</b>		
CHECKED <b>R. BUCKLE</b>		

DRAWING STATUS

**FOR TENDER**

DRAWING NUMBER <b>P3589 - C - LA - 001</b>	REV <b>A</b>
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