BENCHMARK COORDINATES			
BM NAME	Y COORD	X COORD	HEIGHT
VM3	83 265.374	3 774 437.716	79.14
VM4	83 015.472	3 774 477.000	100.24

SW Node Coordinate Table		
ID	Y	X
CP1	83197.462	3774488.046
HW1.1	83199.336	3774477.898
CP2	83134.195	3774485.555
HW2.1	83134.498	3774475.253
HW3	83329.436	3774491.150
MH3A	83324.709	3774465.153
CP3B	83319.118	3774487.281
HW4	83320.701	3774472.293
HW5	83056.907	3774472.619
HW6	83072.540	3774465.362
CPA1	83081.453	3774177.631
MH43	83110.634	3774141.257
CPA2	83103.955	3774149.366
CPA4	83156.837	3774146.042
HWA5	83154.945	3774089.811
CPS1	83223.443	3774144.199
MHB2	83229.142	3774138.463
HWB2	83227.463	3774089.086
CPC1	83277.305	3774353.534
MHC2	83282.367	3774352.803
CPC3	83303.194	3774337.866
MHC4	83317.695	3774322.743
HWC5	83366.004	3774333.364
CPD1	83211.197	3774362.477
HWD2	83227.349	3774399.815
CPE1	83087.686	3774303.514
CPE2	83088.944	3774328.630
CPE3	83098.124	3774355.297
MHE4	83115.393	3774372.066
CPE5	83133.937	3774376.845
HWE6	83140.200	3774423.456
CPF1	83277.823	3774233.230
CPF2	83286.259	3774233.629
MHG2	83318.127	3774289.492
CPG1	83317.348	3774296.903
CPH2.1	83275.155	3774175.387
CPH1	83264.850	3774161.697
MHH2	83277.603	3774163.231
HWH3	83299.934	3774117.829

LEGEND:

- JUNCTION BOX
- GABION OUTLET
- GRASSED SWALE
- DOUBLE GRID CATCHPIT
- CONCRETE WING WALL WITH STONE PITCHING
- 450mm ND (30.6m @ 1:11) — CONCRETE STORM WATER PIPE SHOWING SIZE, LENGTH & GRADIENT
- CPA4 / CL= 91.134 / IL = 87.834 / D = 3.300 / DIL= 89.611 (MHA3) — SW NODE NAME / COVER LEVEL / INVERT LEVEL / DEPTH / DROP INVERT LEVEL (FROM SW NODE)
- CK5 KERB WITH STONE PITCH OUTLET
- MK10 KERB
- BM 100.00 — BENCHMARK, NUMBER & REDUCED LEVEL
- CK 5 KERB
- MK 10 KERB
- BK1 KERB
- 0.75m WALKWAY
- 1.2m WALKWAY

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
2. ANY ERRORS OR DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION PRIOR TO ANY WORK BEING UNDERTAKEN.
3. NO DIMENSIONS MAY BE SCALED FROM DRAWINGS.
4. UNLESS OTHERWISE SPECIFIED ALL CONCRETE WORKS TO BE 30MPa.
5. ALL CONSTRUCTION MUST BE DONE IN ACCORDANCE WITH SANS 1200.
6. ABBREVIATIONS:
   BCC - BEGINNING OF CIRCULAR CURVE
   BVC - BEGINNING OF VERTICAL CURVE
   C - CURVE
   C.O.S.- CONFIRM ON SITE
   E- EXISTING
   ECC - END OF CIRCULAR CURVE
   EVC - END OF VERTICAL CURVE
   I - INTERSECTION ANGLE
   LEG - LONG CHORD
   L.O.C.- LIMIT OF CONSTRUCTION
   PI - POINT OF INTERSECTION
   R - RADIUS OF CURVE
   SV - STAKE VALUE
   TAN - TANGENT LENGTH IN / OUT
   TR - TRANSITION LENGTH IN / OUT
   VC - VERTICAL CURVE
7. ALL CO-ORDINATES OF PI'S, BC'S, EC'S, ETC, NEED TO BE SURVEYED & CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
8. ANCHOR BLOCKS TO BE CONSTRUCTED FOR STORM WATER LINES STEEPER THAN 1:10. SEE DETAIL ON DRAWING 10408001-102
9. ALL INTERNAL 4.5m WIDE ROAD BELLMOUTH RADII TO BE 8m. ALL EXTERNAL 6.0m WIDE ROAD BELLMOUTH RADII TO BE 10m
10. SEE DRAWING 10408001-305 FOR ROAD LAYER WORKS
11. DESIGN IS BASED ON ERF LAYOUT AS RECIEVED FROM BAILEY & LE ROUX ON 2020-10-07

"AS BUILT" PLAN

0 — 100 MILLIMETRES ON ORIGINAL DRAWING

A BEFORE CONTRACT COMMENCES
A AFTER CONTRACT HAS COMMENCED

Nr:	DATE	AMENDMENTS

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OUTENIQUASBOSCH
The Wildlife Village

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CESA

PROJECT
OUTENIQUASBOSCH - DEVELOPMENT OF PHASE 10

DRAWING DESCRIPTION
ROADS & STORM WATER LAYOUT: ROADS 1, 2, 3, 4 & 6

DRAWING NO.
10408001-300

DESIGNED:	RS	CHECKED:	DKJ
DRAWN:	LA	SCALE:	1:500
APPROVED:		DATE:	2019-10-01
FILE PATH:	Mossel Bay—10408001 Outeniquasbosch Phase 10 \ 04 Documentation and Procurement \ 04 Tender Drawings\10408001-300 (RDS & SW LAYOUT).dwg		A0

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