

COORDINATE LIST		
WGS84 - Lo23		
SECONDARY PONDS		
POINT	Y-COORD	X-COORD
SOP1	-62339.956	3740008.791
SOP2	-62235.613	3740019.699
SOP3	-62234.838	3740010.640
SOP4	-62338.604	3740001.444
SOP5	-62337.231	3739992.683
SOP6	-62233.969	3739998.921
SOP7	-62232.654	3739983.165
SOP8	-62335.530	3739982.416
SOP9	-62333.542	3739972.437
SOP10	-62229.187	3739968.699
SOP11	-62226.336	3739956.262
SOP12	-62331.697	3739961.856
SOP13	-62330.166	3739953.418
SOP14	-62225.760	3739946.309
SOP15	-62226.166	3739934.988
SOP16	-62327.828	3739941.988
SOP17	-62325.202	3739929.489
SOP18	-62227.469	3739922.514
SOP19	-62228.698	3739914.051
SOP20	-62322.249	3739918.564
SOP21	-62320.355	3739908.682
SOP22	-62229.416	3739898.466
SOP23	-62229.250	3739885.741
SOP24	-62318.322	3739898.321
SOP25	-62316.196	3739887.711
SOP26	-62223.013	3739866.536
SOP27	-62218.772	3739848.195
SOP28	-62313.861	3739877.038
SOP29	-62311.744	3739866.862
SOP30	-62217.263	3739833.071
SOP31	-62217.436	3739820.305
SOP32	-62309.465	3739856.479
SOP33	-62307.889	3739849.171
SOP34	-62217.552	3739808.981
SOP35	-62219.664	3739800.514
SOP36	-62306.043	3739840.615
SOP37	-62304.467	3739833.307
SOP38	-62222.134	3739794.009
SOP39	-62225.547	3739786.420
SOP40	-62303.982	3739823.695
SOP41	-62303.317	3739815.374
SOP42	-62229.153	3739779.694
SOP43	-62235.074	3739771.949
SOP44	-62303.927	3739806.210
SOP45	-62303.045	3739798.404
SOP46	-62241.626	3739764.041

COORDINATE LIST		
WGS84 - Lo23		
TERTIARY POND		
POINT	Y-COORD	X-COORD
TP1	-62343.782	3739737.869
TP2	-62245.539	3739737.788
TP3	-62256.513	3739745.320
TP4	-62260.366	3739758.362
TP5	-62278.393	3739772.177
TP6	-62294.196	3739777.127
TP7	-62297.701	3739777.098
TP8	-62312.457	3739768.059
TP9	-62326.771	3739756.369
TP10	-62329.337	3739745.320

LEGEND

EXISTING SERVICES

- GRAVEL ROAD
- FENCE
- GATES
- BENCHMARK

PROPOSED SERVICES

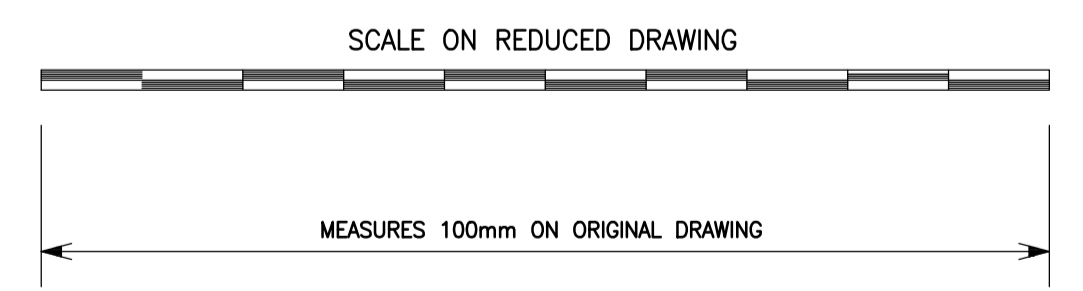
- SETTING-OUT POINT
- STORMWATER CHANNEL
- EFFLUENT CHANNEL
- EFFLUENT PIPELINE
- OVERFLOW STRUCTURE
- NO-GO AREA DUE TO UNSUITABLE SOIL CONDITIONS

- NOTES**
- CONTRACTOR TO CHECK ALL LEVELS AND DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
 - ALL EXCAVATIONS TO BE EFFECTIVELY BARRICADED INCLUDING THE APPLICABLE SIGNS AND WARNING LIGHTS.
 - CONTRACTOR TO KEEP A FULL SET OF DRAWINGS ON SITE.
 - CONTRACTOR IS RESPONSIBLE FOR CORRECT SETTING OUT OF STRUCTURES.
 - DO NOT SCALE - USED FIGURED DIMENSIONS ONLY.
 - LARGE SCALE DETAILS TO BE USED WHERE AVAILABLE.
 - ANY ERRORS, DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER FOR CLARIFICATION BEFORE WORK IS UNDERTAKEN.
 - ALL WORK TO BE CONSTRUCTED IN TERMS OF THE RELEVANT SANS 1200 SPECIFICATIONS.
 - THE ENGINEER IS TO BE NOTIFIED OF ANY VARIATIONS OF LEVELS OR DIMENSIONS SHOWN.
 - TOPSOIL MATERIAL TO BE REMOVED, STOCKPILED AND MAINTAINED.
 - EXPOSED AREAS TO RECEIVE TOPSOIL AND GRASSING.

SURVEY CONTROL
SYSTEM WGS 84/LO23

Code	Y	X	Elevation
BM1	-62102.364	3740032.424	696.813
BM2	-62396.072	3740037.436	701.793
BM3	-62304.223	3739571.492	664.134

DESCRIPTION
ALL BENCHMARKS ARE 12mm IRON PEGS IN CONCRETE WITH A NAMEPLATE



DO NOT SCALE

REV	DR	CH	DATE	REVISIONS	REFERENCE DRAWINGS	NOTES
0	BRAD	MEIR	26-05-2016	ISSUED FOR CONSTRUCTION	501573/101 SECTIONS AND DETAILS	
1	BRAD	MEIR	27-07-2016	REVISED LAYOUT	501573/102 TERTIARY POND - SECTIONS AND DETAILS	

srk consulting

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CESA
Consulting Engineers South Africa

FOR CONSTRUCTION

REGISTERED ENGINEER APPROVAL
NAME: M.J. MEIRING NUMBER: 200870009

DATE: 05-04-2016

CHECKED: MEIR

DESIGNED: BRAD

DRAWN: KUTR

DATE: 05-04-2016

MEIR

A1 SCALE: 1:750

CLIENT: GRANOR PASSI

PROJECT No.	SBU	DSP	DRG No.	SHT	REV
50157341	101	100	011	011	