

Table of Contents

EXECUTIVE SUMMARY

Chapter 1 - THE PROJECT	2
1.1 BACKGROUND INFORMATION - THE PROJECT	2
1.2 PROJECT DESCRIPTION - THE PROJECT	2
1.3 SCOPE OF WORKS	3
1.4 THE EXISTING SITE	3
1.5 CHARACTERISTICS AND PHOTOGRAPHS OF SITE.....	6
1.6 CONFIGURATION OF PLOTS.....	7
1.7 PROPOSED PLOT LAYOUTS AND DETAILS	7
1.8 WASTEWATER DISPOSAL	8
1.8.1 <i>Septic tank</i>	8
1.8.2 <i>Soil Absorption system</i>	8
1.8.3 <i>Soil Profile</i>	8
1.8.4 <i>Percolation Tests</i>	10
1.9 WATER RETICULATION.....	10
1.10 ROAD NETWORK / DRAINAGE SYSTEM	11
1.10.1 <i>Road Network</i>	11
1.10.2 <i>Traffic</i>	11
1.10.3 <i>Drainage Design</i>	13
1.11 ELECTRICAL	15
1.12 SITE AMENITIES AND INFRASTRUCTURE	15
1.13 LIGHTING	16
1.14 LANDSCAPING	16
1.14.1 <i>Tree Types</i>	16
1.14.2 <i>Maintenance</i>	16
1.15 IMPLEMENTATION PROGRAMME	16
1.16 ECONOMIC APPRAISAL	16
Chapter 2 – ENVIRONMENTAL IMPACT.....	18
2.1 ENVIRONMENTAL IMPACT	18
2.2 DISRUPTION DUE TO CONSTRUCTION.....	18
2.3 WASTEWATER DISCHARGE.....	18
2.3.1 <i>Sewage Disposal</i>	18
2.3.2 <i>Storm water Drainage</i>	19
Chapter 3 - ENVIRONMENTAL MANAGEMENT PLAN.....	20
3.1 IMPACTS, DISRUPTIONS AND MITIGATING MEASURES.....	20

Chapter 4 – MONITORING AND MAINTENANCE	22
4.1 ENVIRONMENTAL MONITORING	22
4.1.1 Maintenance	22
4.1.2 Auditing.....	22
Chapter 5 - CONCLUSIONS	24
5.1 CONCLUSIONS	24

Appendices

APPENDIX A	- State Land Lease Plot Configuration prepared by Ministry of Housing and Lands
APPENDIX B	- Photographs of Site and Geotechnical Report
APPENDIX C	- General Layout of Serviced Plots as prepared by Mega Design Ltd
APPENDIX D	- Water Reticulation Network
APPENDIX E	- Environmental Data
APPENDIX F	- Signage
APPENDIX G	- Road and Drainage Layout & Details
APPENDIX H	- Implementation Programme
APPENDIX I	- Environmental Monitoring Plan
APPENDIX J	- Drawings
APPENDIX K	- Correspondence Exchanged with the Authorities