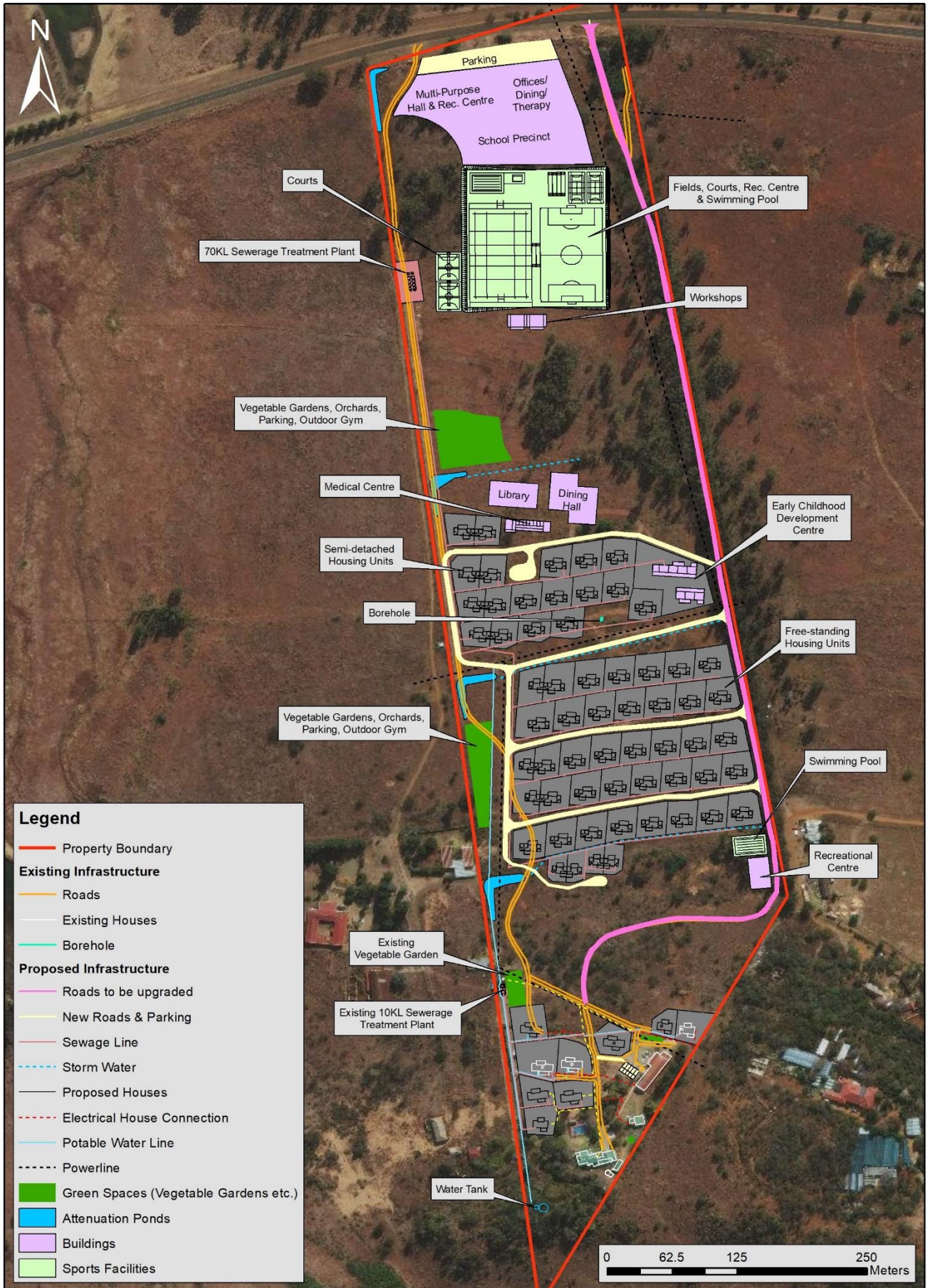


APPENDIX C: FACILITY ILLUSTRATIONS

Appendix C1: Proposed Site Layout/ Illustration	1
Appendix C2: Typical House Design	2
Appendix C3: Sewerage Treatment Plant Design	3

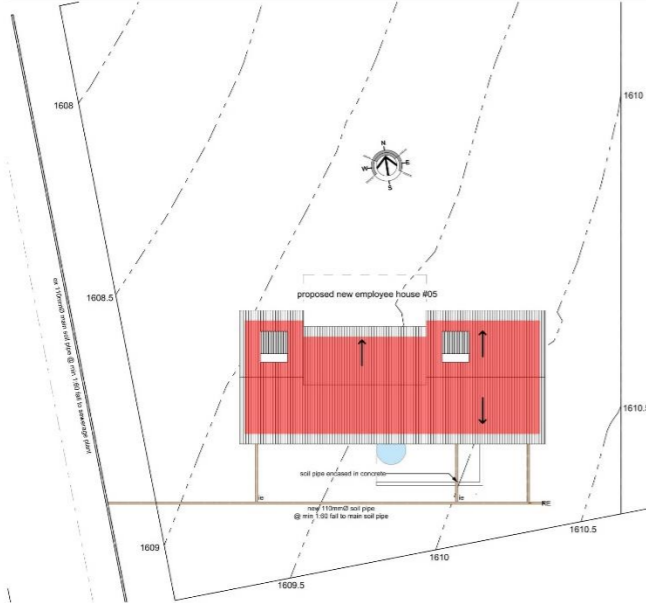
Appendix C1: Proposed Site Layout/ Illustration



Appendix C2: Typical House Design

Glazed element type	D-A	D-B	W-A	W-B	W-C	W-D
Quantity	1	1	2	3	3	1
W x H Size	1 000x2 112	3 000x2 112	1 800x1 232	600x1 408	1 200x1 408	600x1 000
Lintel height	2 112	2 112	2 112	2 112	2 112	2 112
Frame description	powder coated aluminium	powder coated aluminium	powder coated aluminium	powder coated aluminium	powder coated aluminium	powder coated aluminium
Glazing description	4mm single clear safety	4mm single clear safety	4mm single clear	3mm single opaque glazing	3mm single clear	3mm single opaque glazing

Door & Window schedule



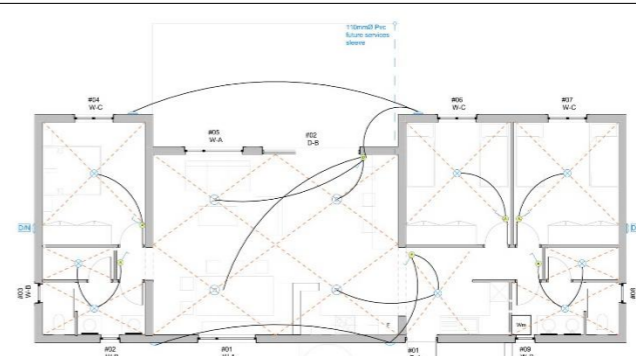
Site layout 1:200

Lighting & electrical fitting	Symbol	Quantity	Position
SW LED spot lights		4	on track
11W LED ceiling recessed fitting		5	recessed in ceiling
12W LED ceiling recessed fitting		3	recessed in ceiling
12W LED wall mounted light fitting		6	@1.7m above TOC
A: Single lever light switch		5	@1.4m above TOC
D: Double lever light switch		1	@1.4m above TOC
D: dual lever light switch		1	@1.4m above TOC

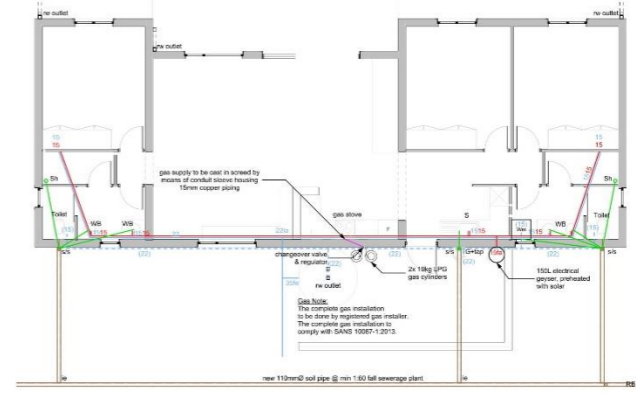
Lighting & electrical schedule

from above	fa
to above	ta
from below	fb
to below	tb
from existing	fe
15mm water supply	15
22mm water supply	22
35mm water supply	35
slm	single-lever mixer
hot water	
cold water	
warm water	

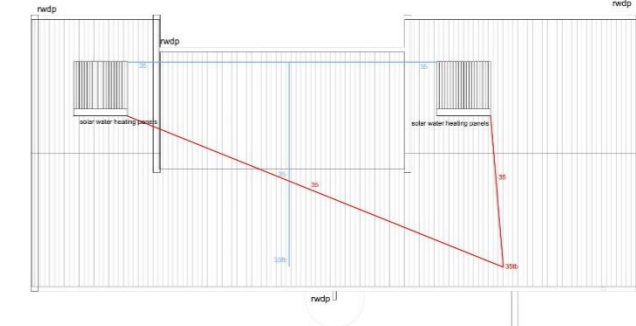
Water reticulation legend



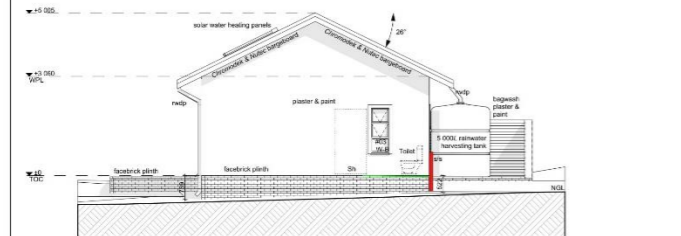
Floor plan Lighting & DW reference 1:100



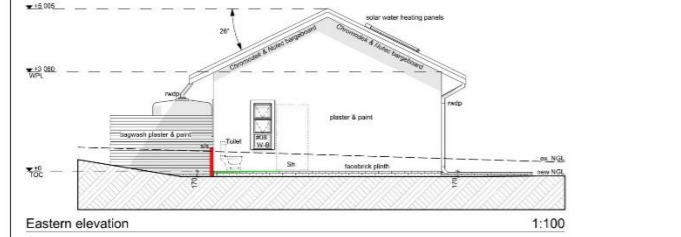
Floor plan Sewer, rainwater & water reticulation 1:100



Roof plan 1:100



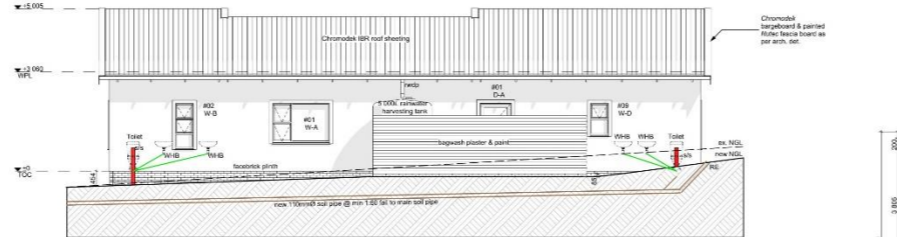
Western elevation 1:100



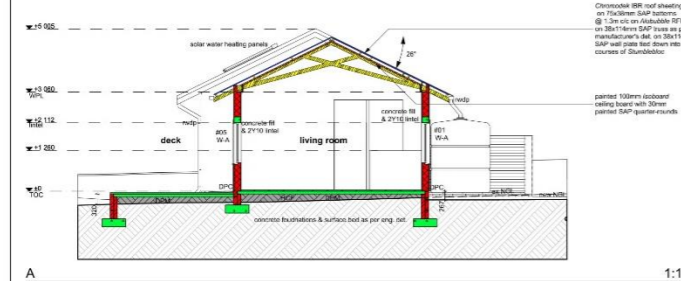
Eastern elevation 1:100



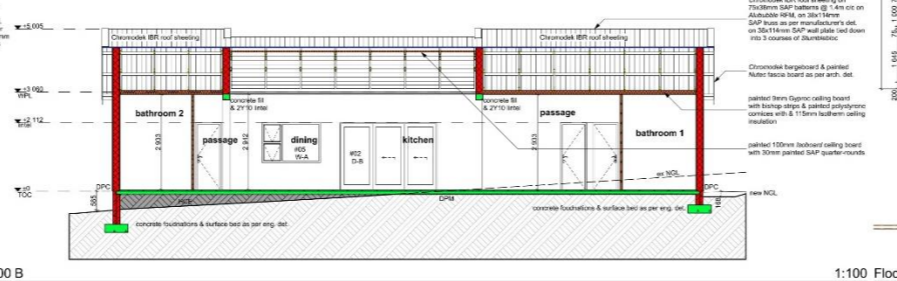
Northern elevation 1:100



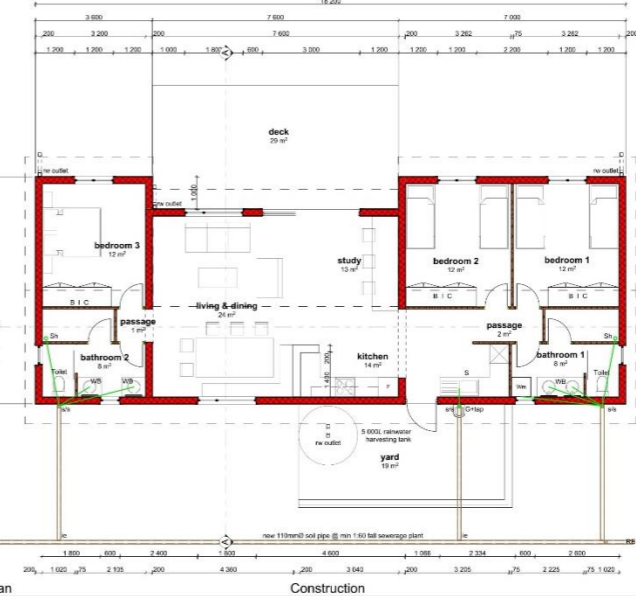
Southern elevation 1:100



Section A 1:100



Section B 1:100



Construction Floor plan 1:100

LEGEND

clay brickwork	
Stumbeblocc	
drywall	

GENERAL NOTES

This drawing is the copyright of the Architects. Do not scale - refer only to figured dimensions. All dimensions & levels are to structure & must be checked on site prior to setting out. Any discrepancies must be reported to the architect immediately. All building work to conform with SABS 10400.

SANS 10400 Part J: FLOOR SLAB
Floor finish as per schedule of finishes on concrete surface bed as per engineer's details on fill as per engineer's detail.

SANS 10400 Part K: WALLS
Walls to be constructed with Stumbeblocc as per manufacturer's specifications. All DPC's in walls where indicated. DPC SABS 962, 375 micron embossed DPC, 1:5 cement mortar mix to be used for plaster.

SANS 10400 Part L: PITCHED ROOF
Chromadek IBR roof sheeting on Akabubbly FRM on 75x30mm SAP battens @ shown centres on 38x114mm SAP truss as per manufacturer's det. on 38x114mm SAP wall plate tied down into 3 courses of Stumbeblocc.

SANS 10400 Part P: DRAINAGE
All plumbing and drainage work and installation of sanitary fittings to be in accordance with NBR as published in the Government Gazette of 01.03.85. All soil waste and vent pipes to be PVC. Provide I.E.s to all bands and junctions. I.E.s to have marked covers at ground level. Provide reset traps to all waste fittings. All vent pipes to stub-stack vents. All soil and waste pipes under buildings to be encased in min. 300mm X 300mm concrete.
Pipe sizes:
Basins 50mm dia PVC waste pipe
W.C. 100mm dia PVC soil pipe

SANS 10400 Part R: RAINWATER GOODS:
Chromadek rainwatergoods as shown.

SANS 10400 Part XA: CEILING & INSULATION
Ceiling type A: painted 50mm isoboard ceiling board with 30mm painted SAP quarter-rounds.
Ceiling type B: painted 6mm Gyproc ceiling board with bishop-strips & painted polystyrene cornice with & 115mm Isotherm ceiling insulation.

ENGINEER SIGNATURE

CLIENT SIGNATURE

PROJECT

New employee house #05 (& #06) for Hope Village, on Rem Plot 19, Hartsbergfontein 332-IQ, Gauteng.

DESCRIPTION

Site layout, Roof plan, Floor plan, Sections, Elevations, Utility plans & DW schedule

ISSUED FOR

SUBMISSION

DRAWING #

CS.1 / 16 - 091

DRAWN

GVL

CHECKED

GVL

DATE

2018/09/14

SCALE

1:100, 1:200

LUCID ARCHITECTURE

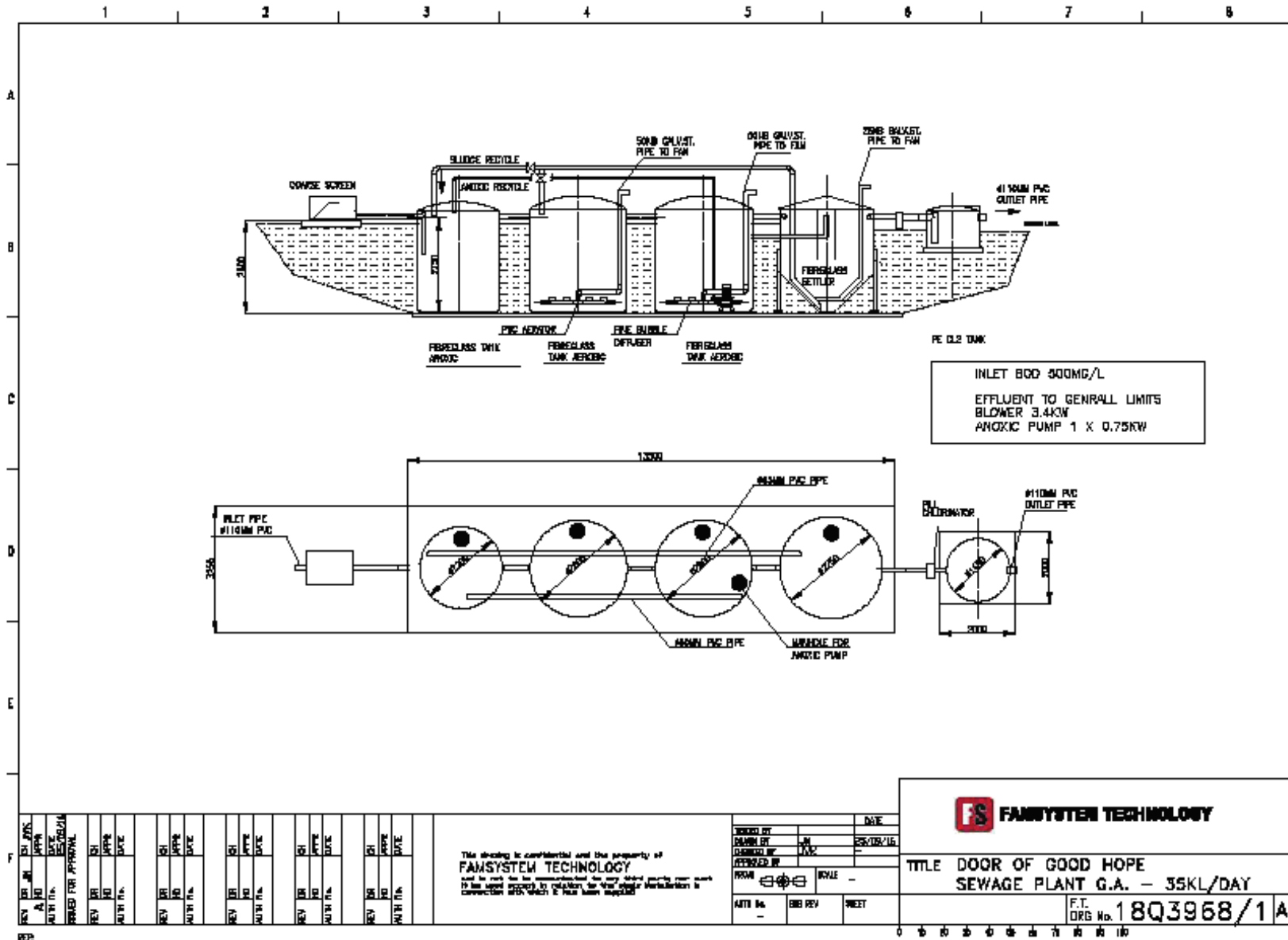
www.lucidarchitecture.co.za

Gary van Lieshout

074 339 5195

021 527 1100

Appendix C3: Sewerage Treatment Plant Design



REV	BY	DATE	DESCRIPTION
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DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE	
DATE	
BY	
REV	
DATE	

FS FAMSYSYSTEM TECHNOLOGY

TITLE DOOR OF GOOD HOPE
SEWERAGE PLANT G.A. - 35KL/DAY

F.T. ORG No. 18Q3968/1 A

