

Figure 11:
Sewer pipeline layout

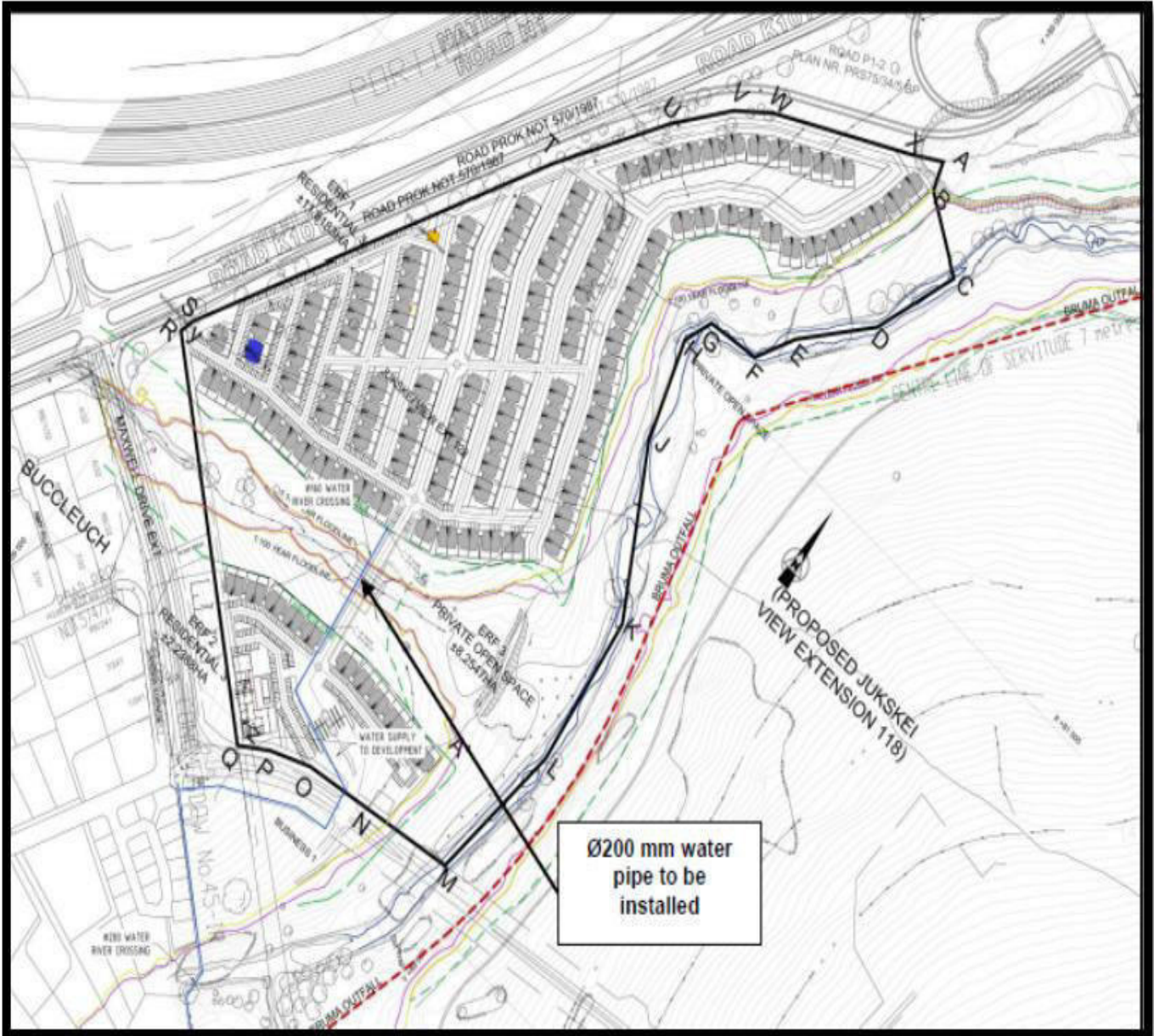


Figure 12:

Water pipeline crossing layout

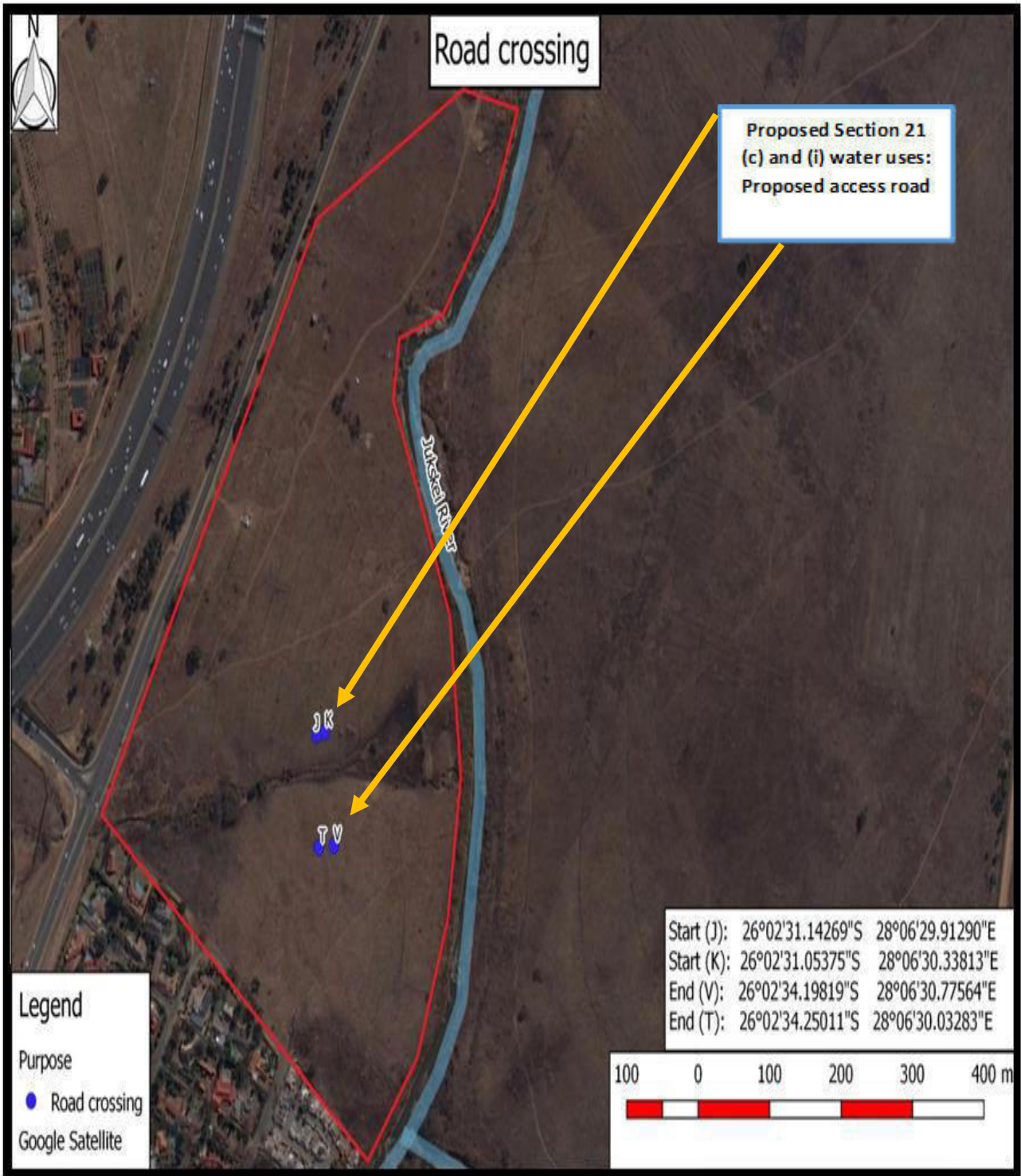


Figure 13:
Proposed access road crossing

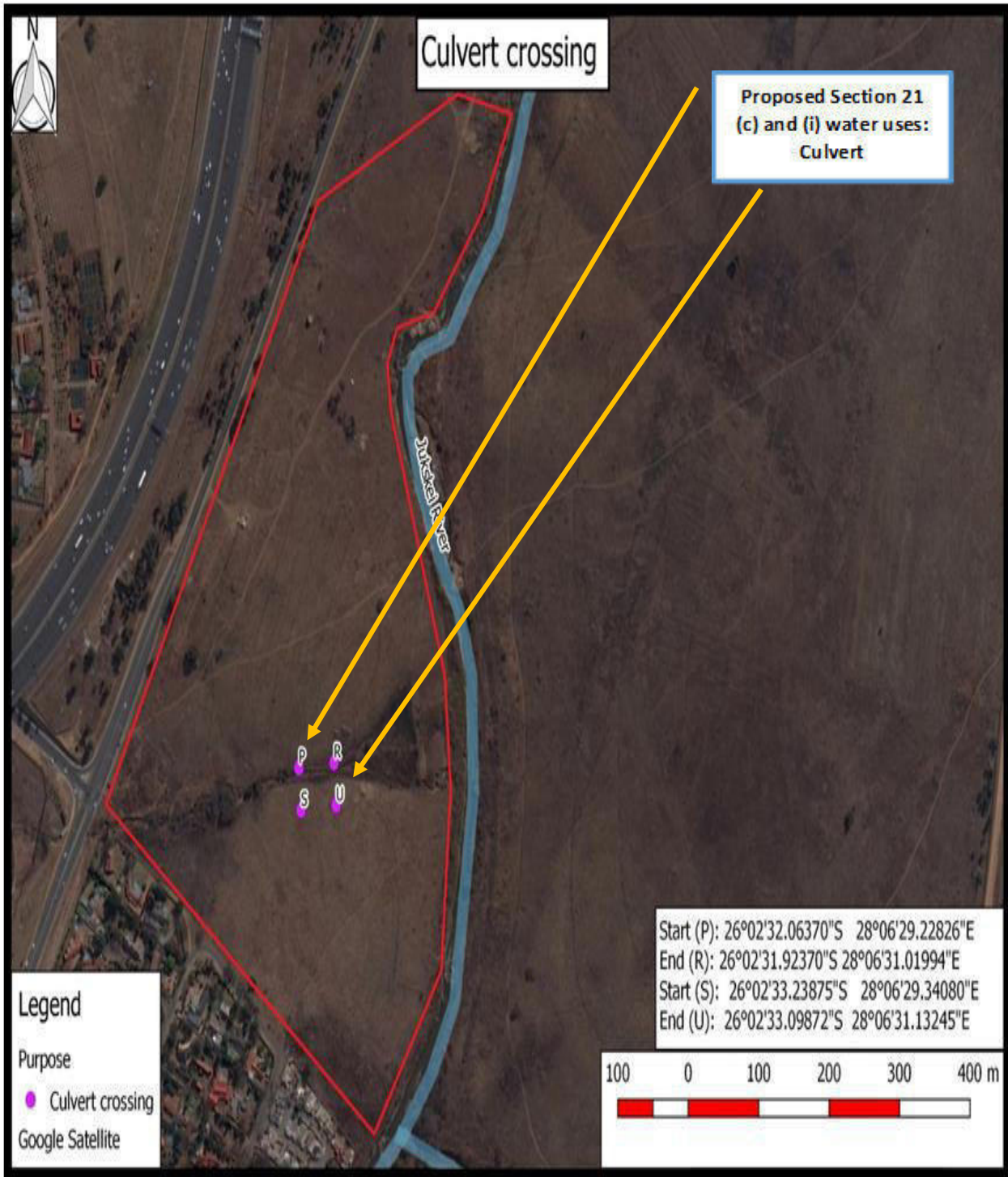


Figure 14:
Proposed culvert crossing

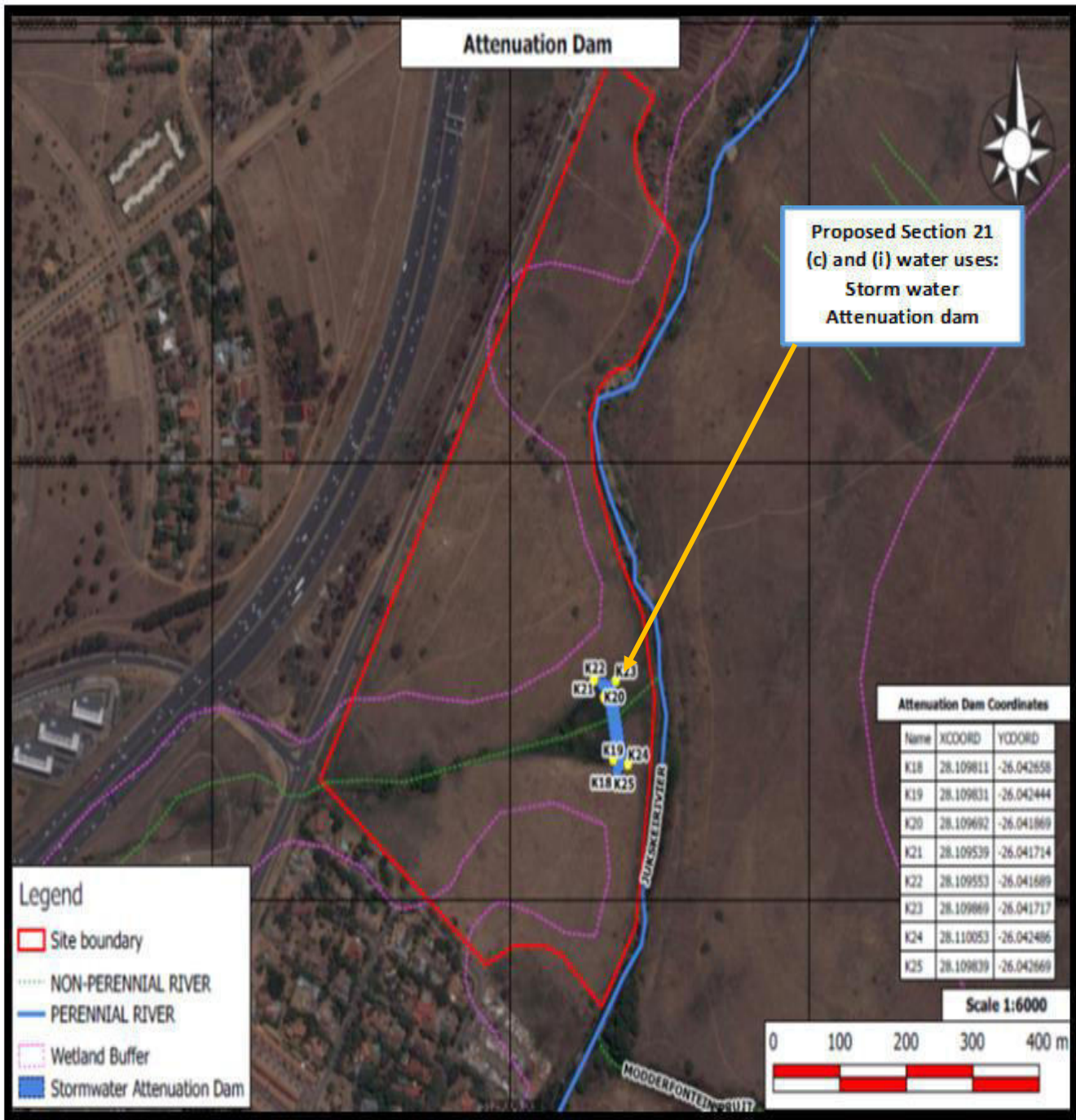


Figure 15:
Proposed attenuation dam

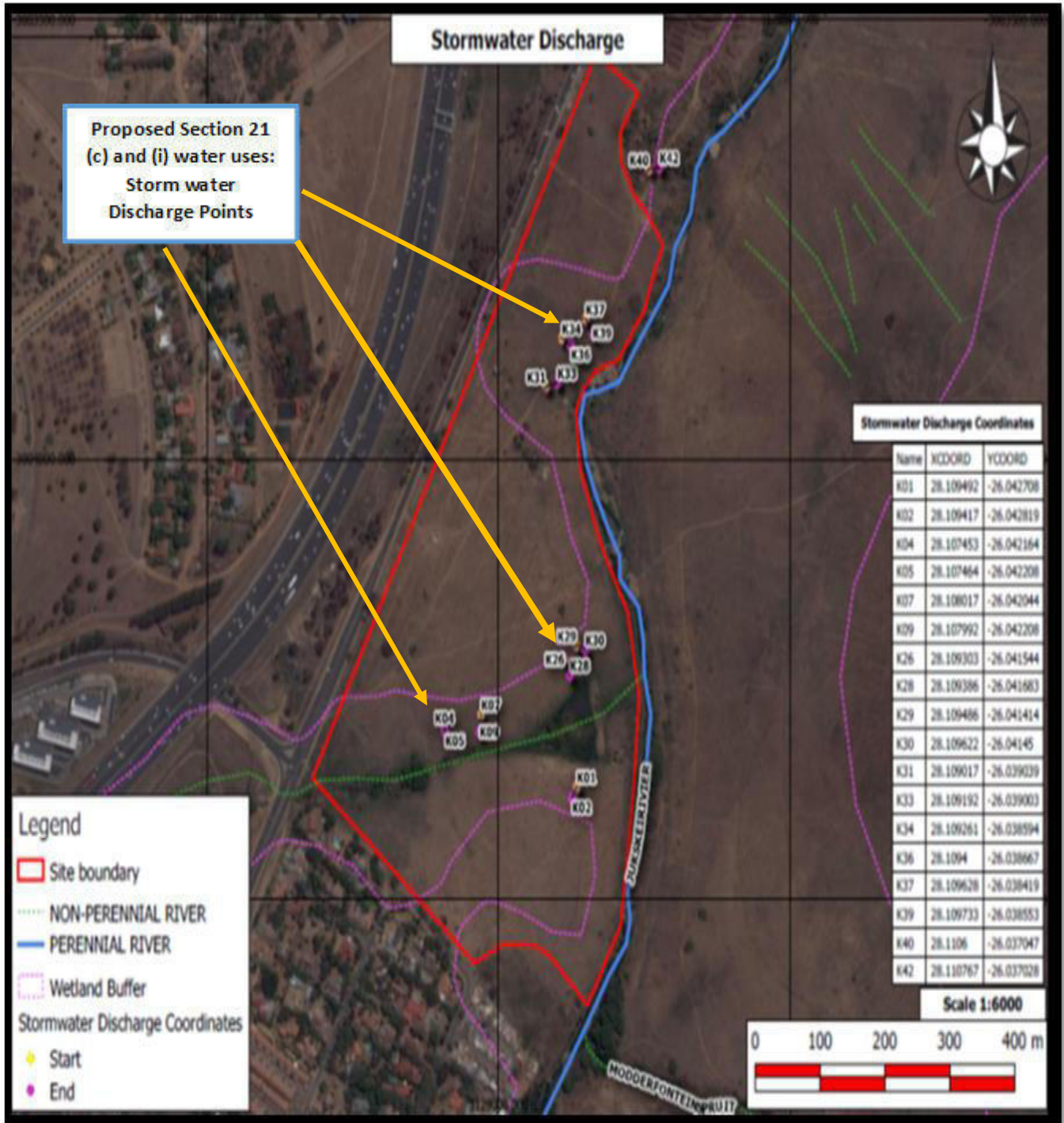


Figure 16:
Proposed storm water discharge points

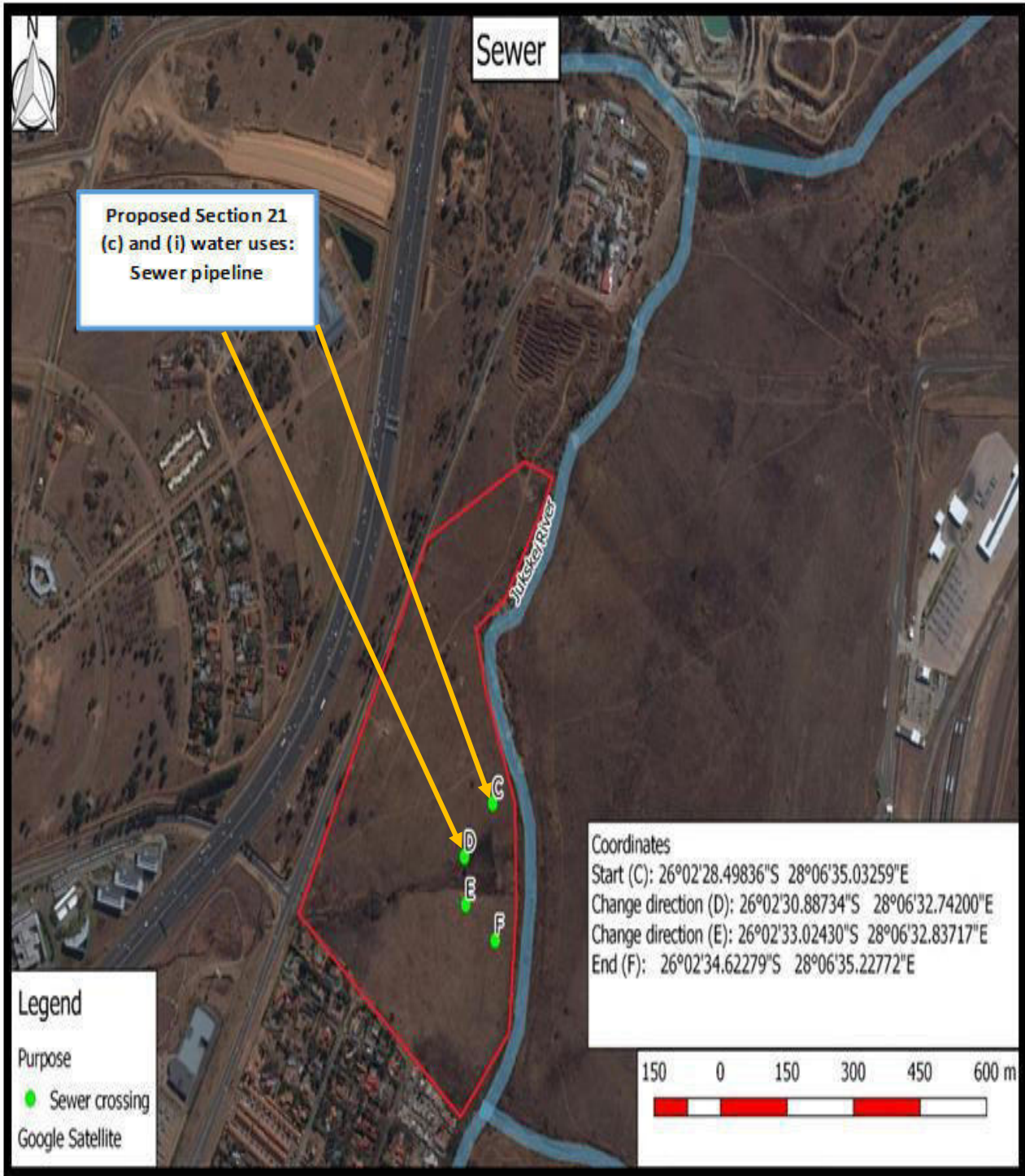


Figure 17:

Proposed sewer pipeline

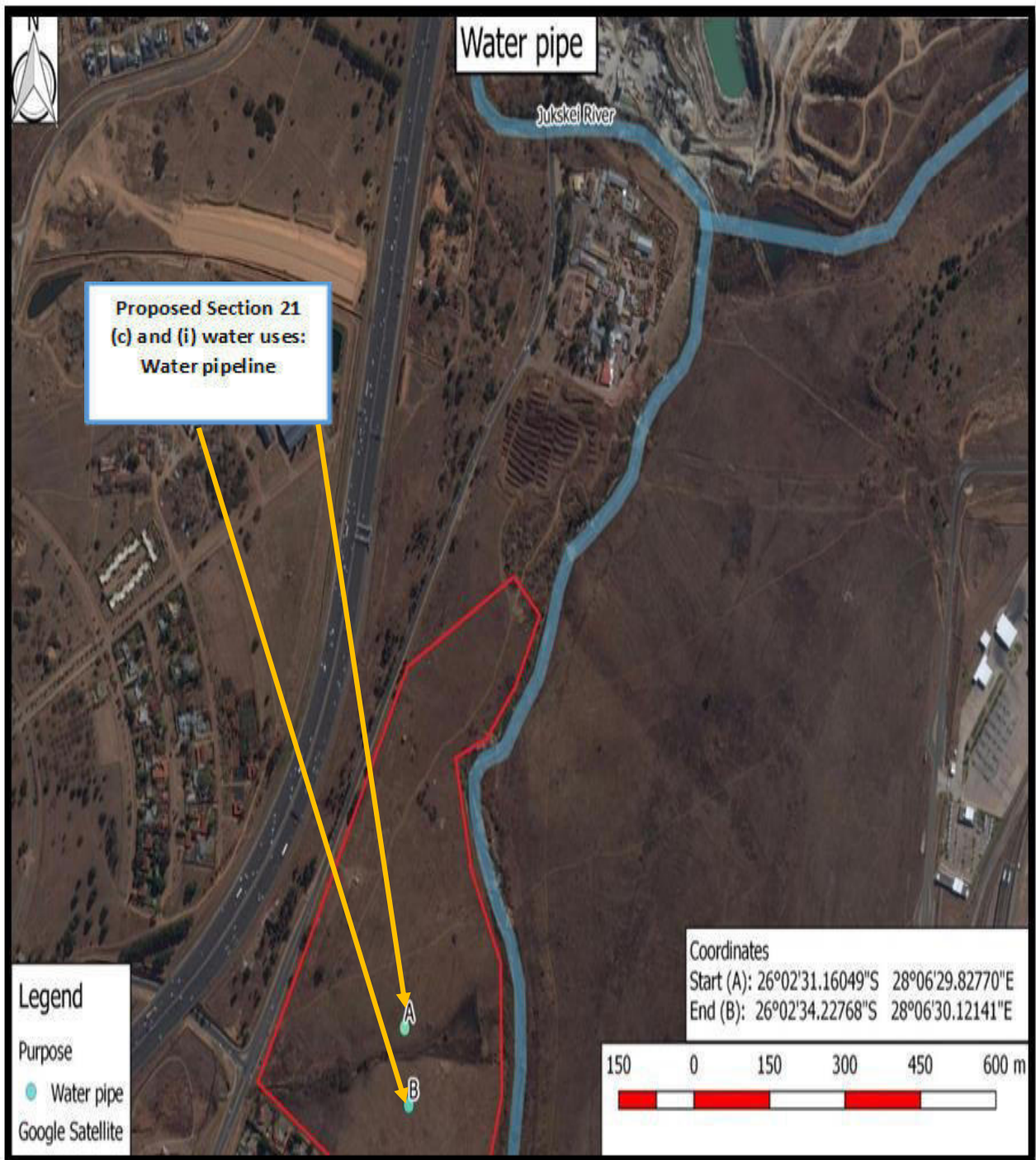


Figure 18:

Proposed water pipeline

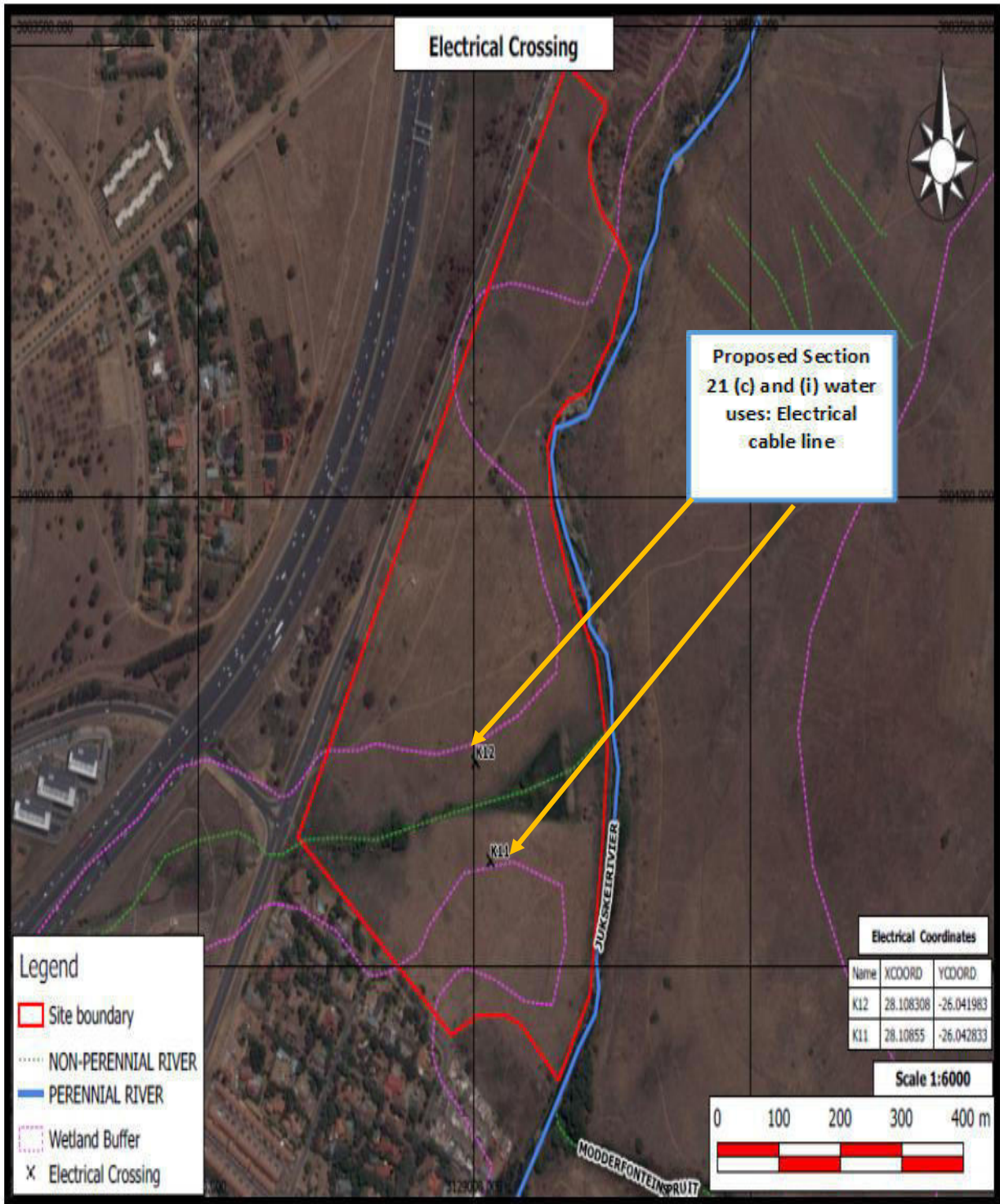


Figure 19:

Proposed electrical cable lines

ANNEXURE E:

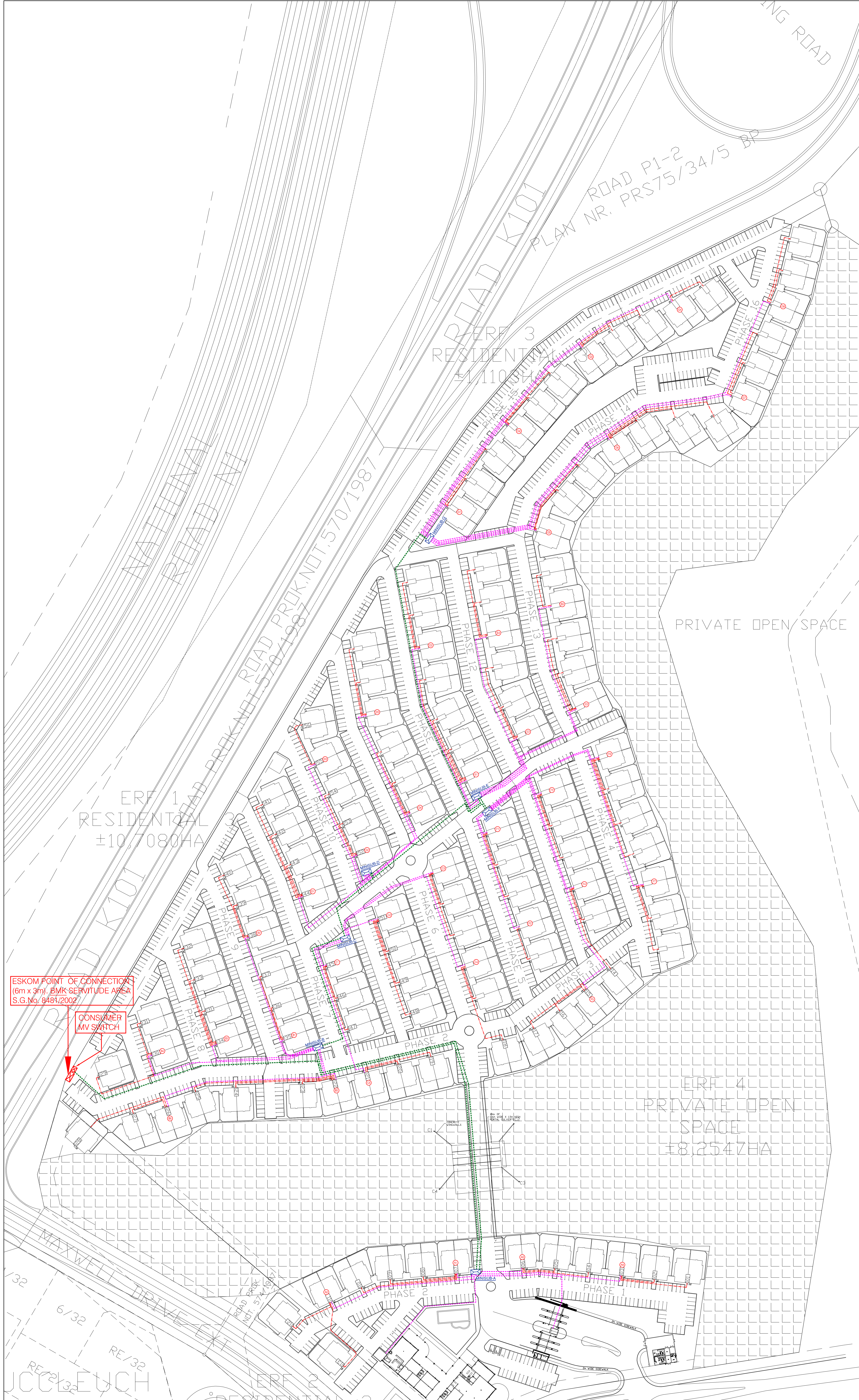
DESIGN DRAWINGS, METHOD STATEMENTS AND MASTER LAYOUT PLAN



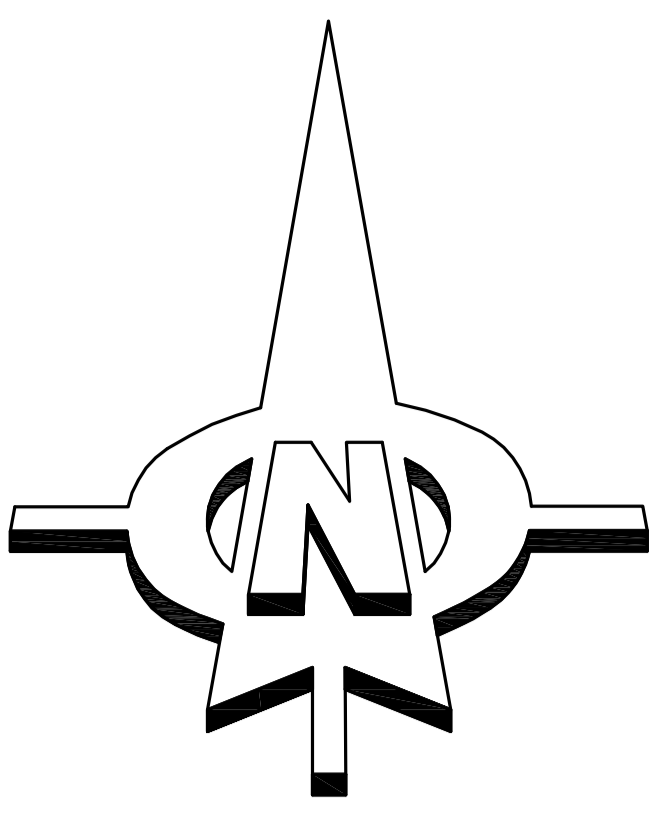
MINI-SUB:	NO OF BLOCKS & UNITS :
(A)	13 BLOCKS = 130 UNITS
(B)	15 BLOCKS = 190 UNITS
(C)	15 BLOCKS = 190 UNITS
(D)	15 BLOCKS = 150 UNITS
(E)	18 BLOCKS = 180 UNITS
(F)	19 BLOCKS = 190 UNITS
(G)	24 BLOCKS = 240 UNITS

TOTAL = 127 BLOCKS / 1270 UNITS

LEGEND	
	MINI-SUB
	MV CABLE
	LV CABLE
	LV BLOCK FEEDER CABLES



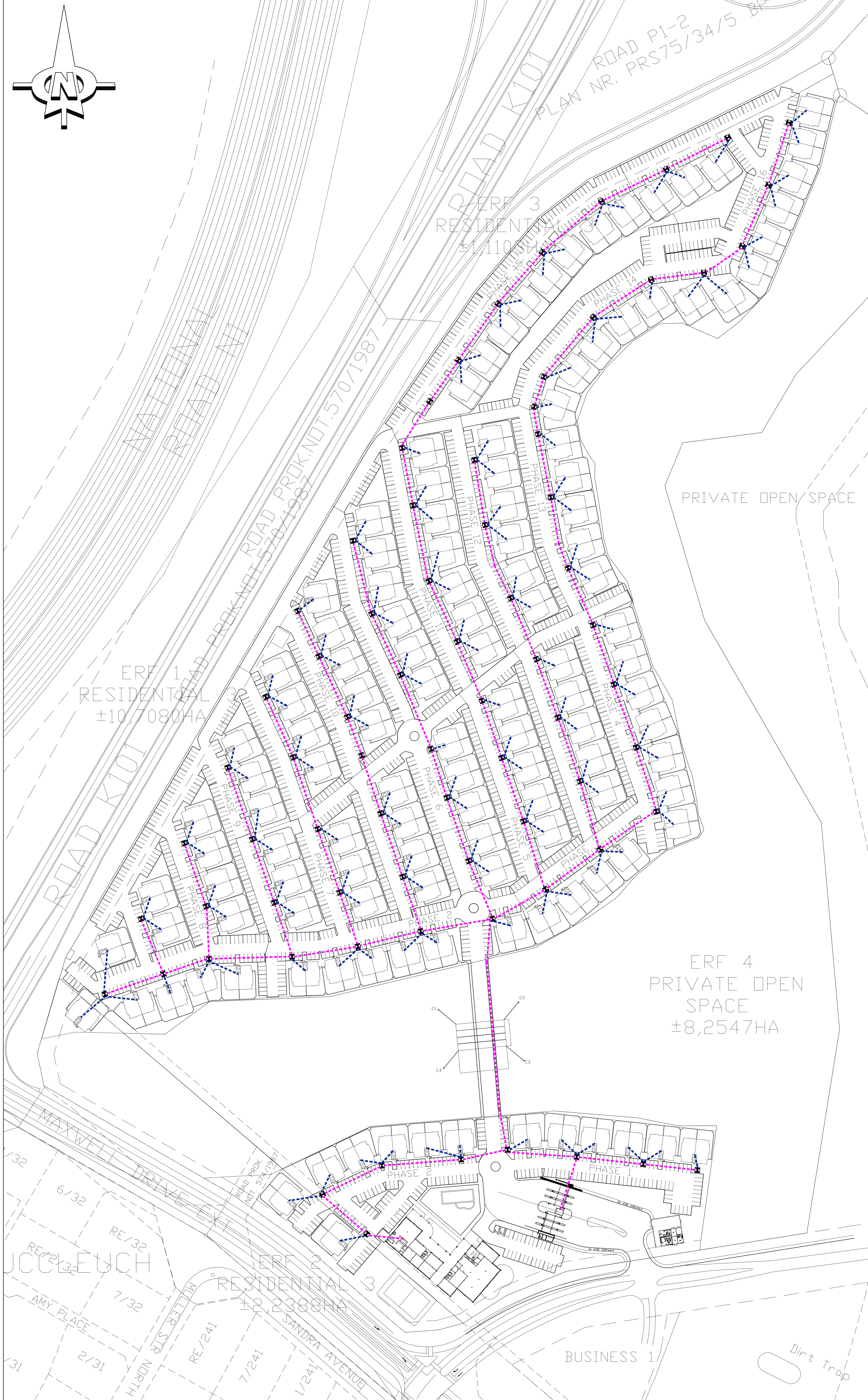
REF	DATE	DESCRIPTION	NAME
4 Cosmic Street Lintro Business Park P.O. Box 2422, Rivonia, 2128 Tel: 608-5000 Fax: 608-3333 E-mail: drawings@rwp.co.za			
Project		KIKUYU	
TITLE OVERALL SITE MV + LV RETICULATION LAYOUT			
Date	Draughtsman	Engineer	Scale
21.09.2016	F. JONES	C.W	A0 1:750
Drawn No	Project No		Rev
3876-001	3876-001		A
<small>DISCLAIMER: RAWLINS WALES (PTY) LTD OWNS THIS DRAWING, WHICH IS SUPPLIED IN CONFIDENCE AND WHICH MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED AND INTENDED. IT SHALL NOT FOR ANY REASON BE USED OR REPRODUCED WITHOUT PERMISSION IN WRITING BY THE OWNERS.</small>			



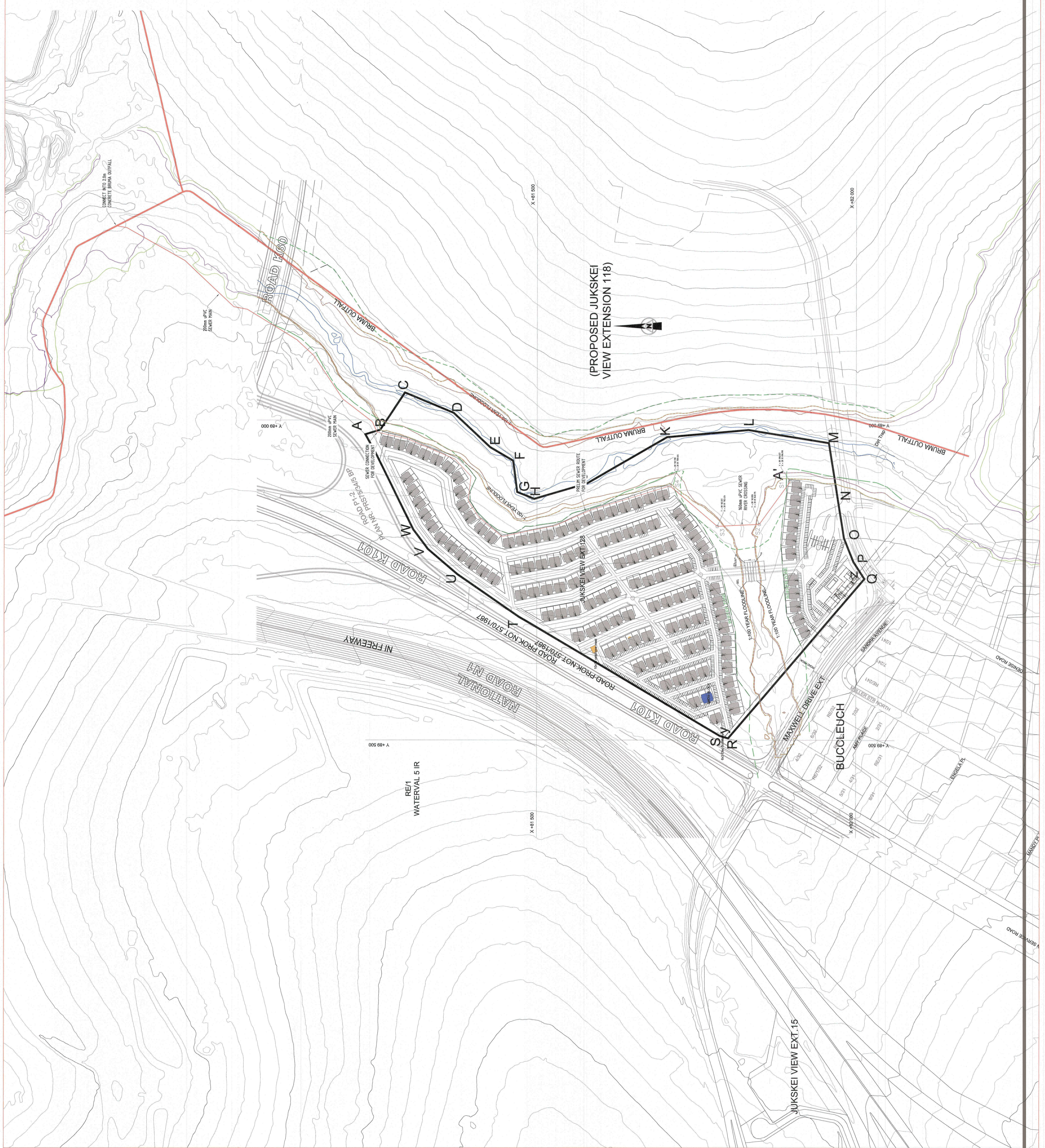
LEGEND	
	600mm x 600mm 3-PIECE PRECAST MANHOLE - LOCKABLE LID No OF MANHOLES = 192
	2 x 50mmØ SLEEVES @ 800mm BFLG FOR COMMS.
	1 x 110mmØ SLEEVE @ 800mm BFLG FOR COMMS.
	2 x 110mmØ SLEEVES @ 800mm BFLG FOR COMMS.

(PROPOSED JUKSKEI VIEW EXTENSION 118)

SITE PLAN - SDP 2 - 24-08-2016	
ERF 1	= 10,7080 Ha
ERF 2	= 2,2388 Ha
ERF 3	= 1,1103 Ha
SITE AREA	= 14,0571 Ha
TOTAL BLOCKS	= 124 BLOCKS
TOTAL UNITS	= 1240 UNITS + 30
REQUIRED PARKING	= 1984 BAYS + 48 (@ 16 bays/ block)
2 bays/ 3 bedroom unit:	452 units = 992 bays
2 bays/ 2 bedroom unit:	226 units = 496 bays
1 bay / 1 bedroom unit:	452 units = 496 bays
ACTUAL PARKING	= 2187 BAYS + 32
Visitors parking =	
REQUIRED PARKS AREA=	2.232 Ha
ACTUAL P.O.S AREA	= 8,2547 Ha



NO.	DATE	DESCRIPTION	NAME
4 Cosmic Street Lindero Business Park P.O. Box 2422, Rivonia, 2128 Tel: 608-5000 Fax: 608-3333 E-mail - drawings@rwp.co.za			
Project: KIKUYU			
Title: OVERALL SITE PLAN COMMS RETICULATION LAYOUT			
Date:	20.09.2016	Engineer:	C.W
Dwg No.:	3876-002		Scale: A0 1:750
Draughtsman Check:			Rev: A
<small>DISCLAIMER: RAWLINS WOLES & PARTNERS LTD OWNS THIS DRAWING, WHICH IS SUPPLIED IN CONFIDENCE AND WHICH MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED AND INTENDED. IT SHALL NOT FOR ANY REASON BE USED OR REPRODUCED WITHOUT PERMISSION IN WRITING BY THE OWNERS.</small>			



COORDINATE LIST			
WCS			
Sewer			
POINT	Y-COORD	X-COORD	
CONST:			
S1	89096.027	2881896.918	
S2	89162.826	2881848.175	
S3	89165.921	2881782.424	
S4	89102.738	2881708.464	

FILE INFORMATION		CLIENT	
A 2006016	11060016	C-PLAN CIVIL ENGINEERS (PTY) LTD	
SHEET INFORMATION		P.O. Box 6822 Wingside 1704	
SHEET	DATE	Tel: (011) 472 2277	
B SATHARBOE	20082016	Fax: (011) 472 2268	
SHEET	DATE	E-Mail: www.ceplan.co.za	
P SATHARBOE	20082016	A0	
PROJECT			
BALWIN PROPERTIES			
CLIENT			
LYT ARCHITECTURE			
PROJECT			
RESIDENTIAL 3 DEVELOPMENT ON JUKSKEI VIEW EXT. 128			
PROJECT TYPE			
SEWER CONNECT INTO BRUMA OUTFALL			
PROJECT NO.			
16532			
DATE			
300-P001			
STATUS			
B			
REVISIONS			
COPYRIGHT RESERVED			

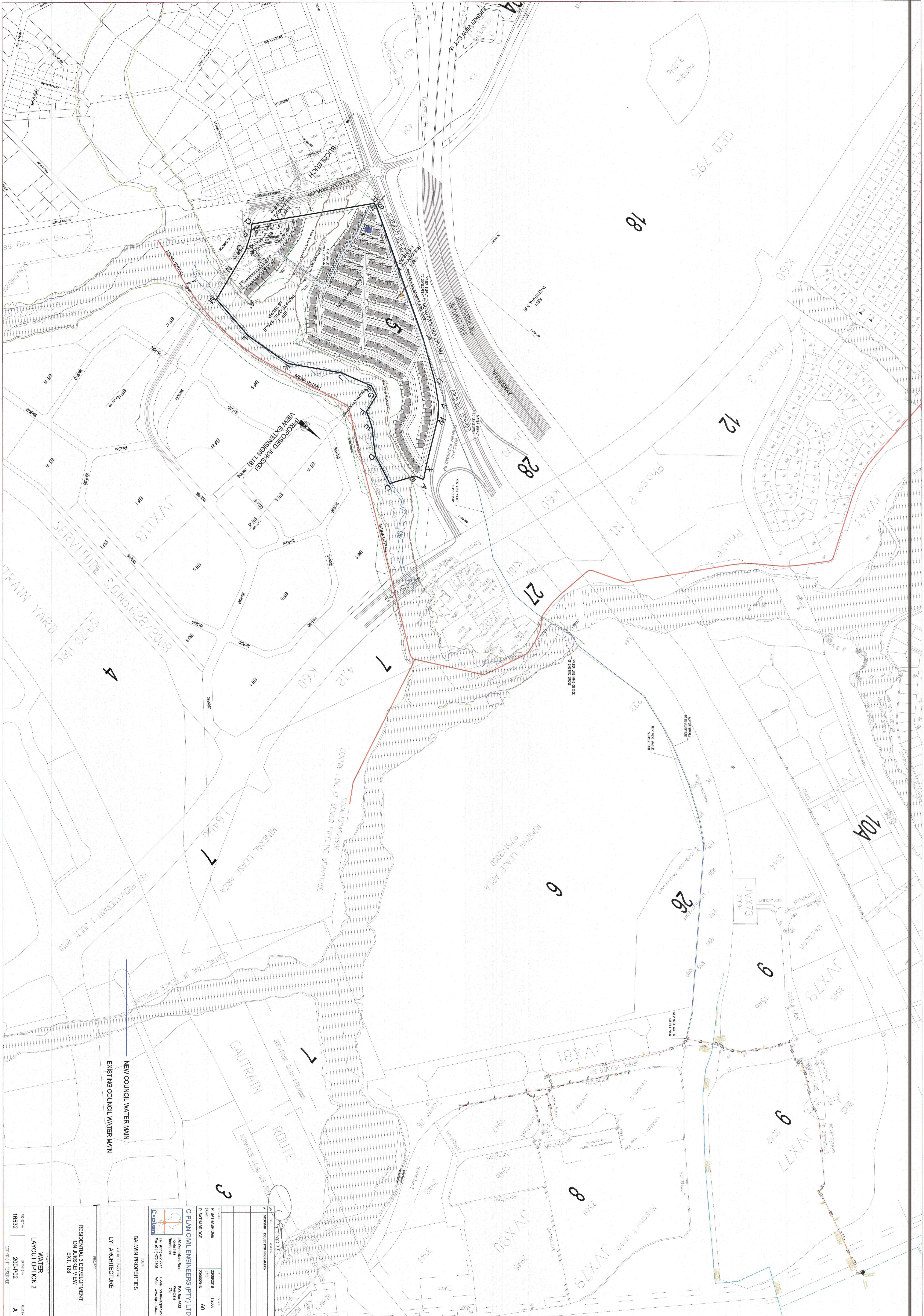


NO.	DATE	BY/REVISED	SCALE
1	20/06/2016	P. SATYABRIDGE	1:2500
2	20/06/2016	P. SATYABRIDGE	A0

REVISIONS:
 1. 20/06/2016: ISSUED FOR INFORMATION
 2. 11/08/2016: REVERTED TO LATEST LAYOUT

C-PLAN CIVIL ENGINEERS (PTY) LTD 145 De Laune Road Florida Hills Rosebank E-Mail: cplan@csplan.co.za Tel: (011) 472 2277 Fax: (011) 472 2265 Web: www.csplan.co.za	BALWIN PROPERTIES ARCHITECT / PLANNING LYT ARCHITECTURE PROJECT RESIDENTIAL 3 DEVELOPMENT ON JUKSKEI VIEW EXT. 128 DRAWING TITLE WATER LAYOUT OPTION 1 PROJECT NO. 200-P01 DRAWING NO. 16532 REGION B COPYRIGHT RESERVED
--	---

NEW COUNCIL WATER MAIN
 EXISTING COUNCIL WATER MAIN



16832	200-A02	A
-------	---------	---

RESIDENTIAL DEVELOPMENT
ON JUMSKEIVIEW
EXT. 128

BALWIN PROPERTIES
LVT ARCHITECTURE

C-PLAN CIVIL ENGINEERS (PTY) LTD
440 Oudersig Road
Rosedale
1713
Tel: 0711 422 227
Fax: 0711 472 295
E-Mail: cplan@capeargus.co.za
Web: www.cplan.co.za

REVISION	DATE	SCALE
P. SATYABRIDGE	20/06/2016	1:2000
P. SATYABRIDGE	20/06/2016	A0

440 Oudersig Road
Rosedale
1713
Tel: 0711 422 227
Fax: 0711 472 295
E-Mail: cplan@capeargus.co.za
Web: www.cplan.co.za