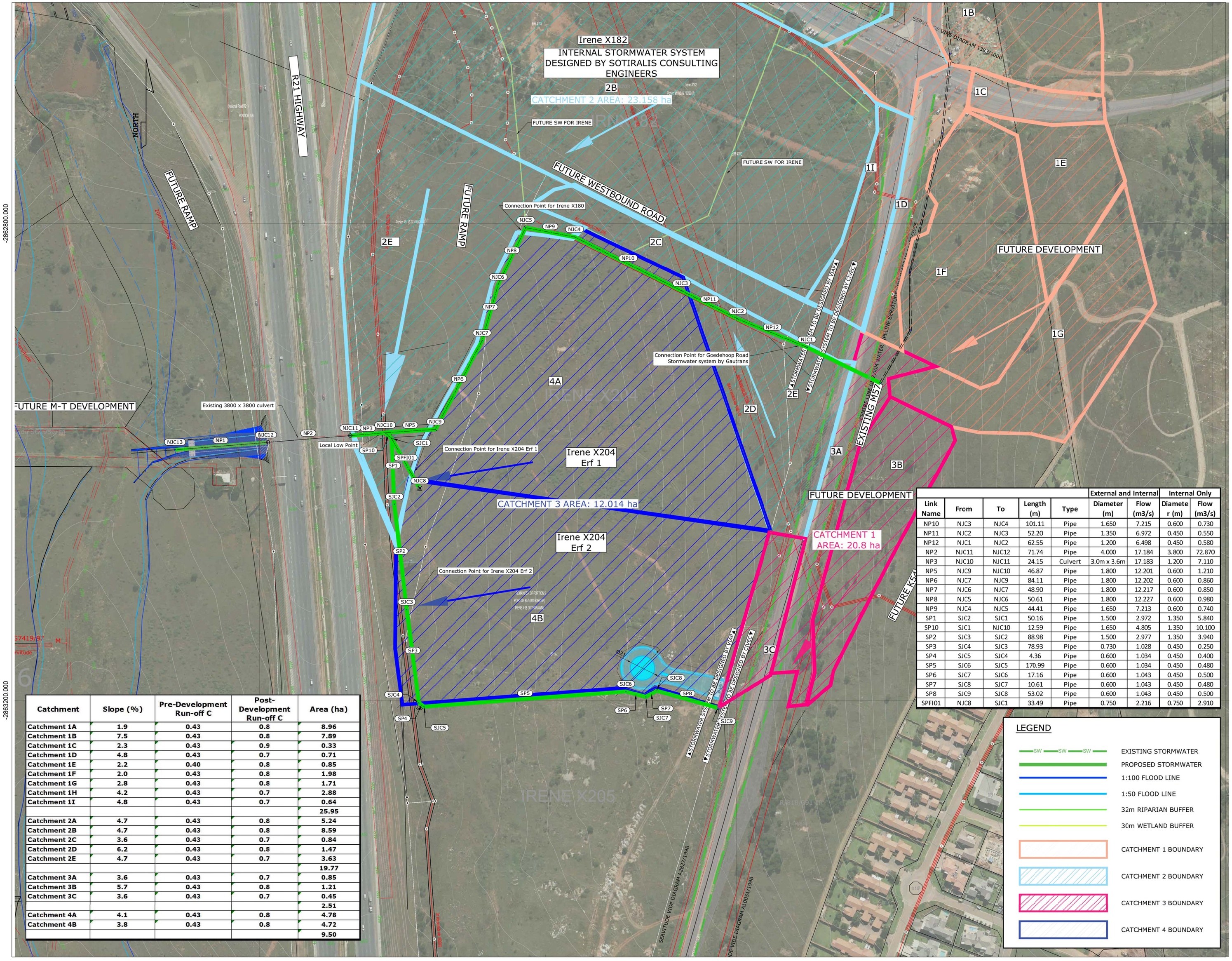

Catchment	Slope (%)	Pre-Development Run-off C	Post-Development Run-off C	Area (ha)
Catchment 1A	1.9	0.43	0.8	8.96
Catchment 1B	7.5	0.43	0.8	7.89
Catchment 1C	2.3	0.43	0.9	0.33
Catchment 1D	4.8	0.43	0.7	0.71
Catchment 1E	2.2	0.40	0.8	0.85
Catchment 1F	2.0	0.43	0.8	1.98
Catchment 1G	2.8	0.43	0.8	1.71
Catchment 1H	4.2	0.43	0.7	2.88
Catchment 1I	4.8	0.43	0.7	0.64
				25.95
Catchment 2A	4.7	0.43	0.8	5.24
Catchment 2B	4.7	0.43	0.8	8.59
Catchment 2C	3.6	0.43	0.7	0.84
Catchment 2D	6.2	0.43	0.8	1.47
Catchment 2E	4.7	0.43	0.7	3.63
				19.77
Catchment 3A	3.6	0.43	0.7	0.85
Catchment 3B	5.7	0.43	0.8	1.21
Catchment 3C	3.6	0.43	0.7	0.45
				2.51
Catchment 4A	4.1	0.43	0.8	4.78
Catchment 4B	3.8	0.43	0.8	4.72
				9.50

		External and Internal		Internal Only	
Link Name	From	To	Length (m)	Type	Diameter (m)	Flow (m3/s)	Diameter (m)	Flow (m3/s)
NP10	NJC3	NJC4	101.11	Pipe	1.650	7.215	0.600	0.730
NP11	NJC2	NJC3	52.20	Pipe	1.350	6.972	0.450	0.550
NP12	NJC1	NJC2	62.55	Pipe	1.200	6.498	0.450	0.580
NP2	NJC11	NJC12	71.74	Pipe	4.000	17.184	3.800	72.870
NP3	NJC10	NJC11	24.15	Culvert	3.0m x 3.6m	17.183	1.200	7.110
NP5	NJC9	NJC10	46.87	Pipe	1.800	12.201	0.600	1.210
NP6	NJC7	NJC9	84.11	Pipe	1.800	12.202	0.600	0.860
NP7	NJC6	NJC7	48.90	Pipe	1.800	12.217	0.600	0.850
NP8	NJC5	NJC6	50.61	Pipe	1.800	12.227	0.600	0.980
NP9	NJC4	NJC5	44.41	Pipe	1.650	7.213	0.600	0.740
SP1	SJC2	SJC1	50.16	Pipe	1.500	2.972	1.350	5.840
SP10	SJC1	NJC10	12.59	Pipe	1.650	4.805	1.350	10.100
SP2	SJC3	SJC2	88.98	Pipe	1.500	2.977	1.350	3.940
SP3	SJC4	SJC3	78.93	Pipe	0.730	1.028	0.450	0.250
SP4	SJC5	SJC4	4.36	Pipe	0.600	1.034	0.450	0.400
SP5	SJC6	SJC5	170.99	Pipe	0.600	1.034	0.450	0.480
SP6	SJC7	SJC6	17.16	Pipe	0.600	1.043	0.450	0.500
SP7	SJC8	SJC7	10.61	Pipe	0.600	1.043	0.450	0.480
SP8	SJC9	SJC8	53.02	Pipe	0.600	1.043	0.450	0.500
SPFI01	NJC8	SJC1	33.49	Pipe	0.750	2.216	0.750	2.910

LEGEND

- EXISTING STORMWATER
- PROPOSED STORMWATER
- 1:100 FLOOD LINE
- 1:50 FLOOD LINE
- 32m RIPARIAN BUFFER
- 30m WETLAND BUFFER
- CATCHMENT 1 BOUNDARY
- CATCHMENT 2 BOUNDARY
- CATCHMENT 3 BOUNDARY
- CATCHMENT 4 BOUNDARY

NOTES & SPECIFICATIONS

REVISIONS

Rev	Date	Description	By
C	18/01/2023	CATCHMENTS REVISED	HJB
B	08/10/2021	REVISED	
A	19/08/19	ORIGINAL	HJB

PROJECT STATUS

- ● CONCEPT DRAWING
- ○ TENDER DRAWING
- ○ APPROVED CONSTRUCTION DRAWING
- ○ AS BUILT DRAWING

	Name:	Date
Design By	-	-
Drawn By	-	-
Design Checked	-	-

Approval:

	Name:	Prof Reg No:
For Client:	Signature:	Date:
For Consulting Engineers:	Name: -	Prof Reg No: -
	Signature:	Date:

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CLIENT DRAWING NUMBER:
2019-003-01-SWMG-LAY-002

PROJECT:
IRENE EXTENSION 204 & 205

DRAWING TITLE:
STORMWATER MANAGEMENT LAYOUT 2

Paper Size	Sheet	Project No	Scale	Revision
A1	3 of 6	2019-003-01	1:1500	C

CONSULTING ENGINEER'S DRAWING NUMBER:
2019-003-01-SWMG-LAY-002