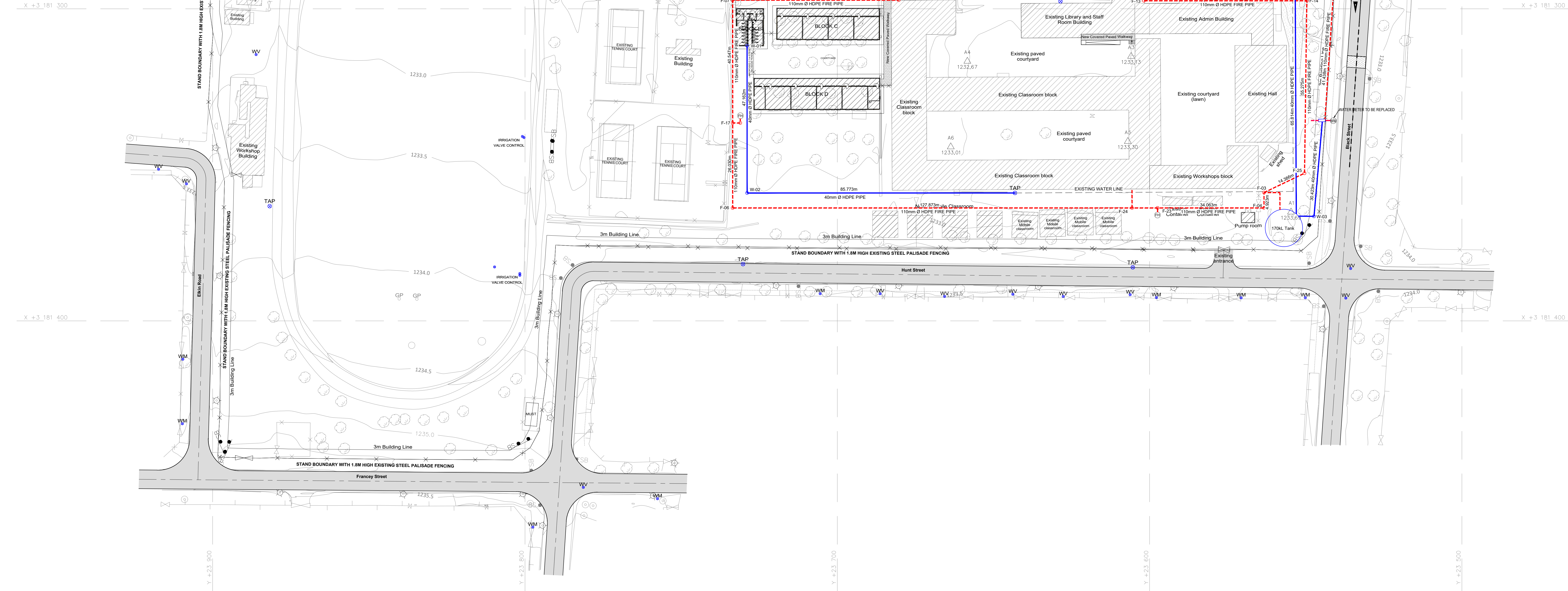


WATER SETTING OUT DATA										
Node	Pipe	LCoinst	LCoinst	Q	Depth	Length	Slope	Type	Size	
11	20	23563.370	2181588.884	1233.539	1232.539	1.000	4.988	1.072 %	HDPE PE 100 Class PN 16	110
11	20	23563.370	2181588.884	1233.611	1232.612	1.000	4.988	1.072 %	HDPE PE 100 Class PN 16	110
11	40	23563.370	2181588.884	1233.611	1232.612	1.000	4.920	1.070 %	HDPE PE 100 Class PN 16	110
11	40	23563.370	2181588.887	1233.599	1232.599	1.000	4.920	1.070 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181297.235	1232.416	1231.416	1.000	5.935	0.729 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181297.245	1232.366	1231.373	0.983	0.262	0.729 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181297.245	1232.373	1231.373	1.000	5.120	2.223 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181297.245	1232.574	1231.574	1.000	5.827	0.550 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.657	1231.657	1.000	54.035	1.219 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.486	1231.486	1.000	23.680	0.719 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1231.373	1230.373	1.000	49.623	0.303 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1231.523	1230.523	1.000	0.080	0.342 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1231.158	1230.158	1.000	43.997	0.342 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1231.007	1230.007	1.000	8.111	0.333 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	0.076	2.082 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	3.772	2.082 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	0.000	0.537 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	4.995	0.545 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	6.476	4.366 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	3.175	4.366 %	HDPE PE 100 Class PN 16	110
11	121	23584.349	2181297.236	1232.026	1232.026	1.000	20.026	0.889 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	1.192	1.631 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	4.410	1.631 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	9.388	0.724 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	14.983	1.607 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	2.374	3.097 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	3.570	3.097 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	11.112	3.130 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	0.613	0.368 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	7.262	0.772 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	7.306	0.369 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	0.191	100.000 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	20.055	0.325 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	0.265	0.861 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	0.231	100.000 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	24.084	1.405 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	6.174	2.051 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	10.085	0.352 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	7.688	0.734 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	34.060	0.647 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	8.205	1.048 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	20.897	0.785 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	7.821	0.995 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	30.943	0.626 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	11.862	0.713 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	24.975	0.301 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	8.918	0.831 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	4.923	1.075 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	28.593	0.562 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	9.955	3.343 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	10.602	2.177 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	10.341	2.444 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	34.771	2.349 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	50.160	0.694 %	HDPE PE 100 Class PN 16	110
11	121	23573.49	2181327.778	1232.842	1231.842	1.000	14.386	0.298 %	HDPE PE 100 Class PN 16	110

LEGEND:

- 200mm Ø STEEL PIPE
- 110mm Ø mPVC DOMESTIC RETICULATION PIPE
- 63mm Ø mPVC DOMESTIC RETICULATION PIPE
- 50mm Ø uPVC DOMESTIC RETICULATION PIPE
- 110mm Ø mPVC FIRE RETICULATION PIPE
- FIRE HYDRANT
- ISOLATION VALVE
- PROPOSED WATER METER
- FIRE BOOSTER CONNECTION



CURRENT DRAWING ISSUED TO:

CLIENT

CLIENT:



Pvt Bag X5049,
Kimberly, 8301,
South Africa

IK Nkoane Education House
156 Barkly Road
Homestead, Kimberly
8301

REV	DATE	BY	DESCRIPTION	CHK	APD
00	26-05-2026	LM	ISSUED FOR TENDER	NZ	W.K

DRAWING STATUS: DETAILED DESIGN



10 MORRIS STREET WEST
WOODMEAD, SANDTON, 2191, JOHANNESBURG
www.kairosengineers.co.za

Tel: 010 824 00060

CLIENT: HOERSKOOL ADAMANTIA HIGH SCHOOL

ARCHITECT: R.Kakono PrArch 48791029

PROJECT: **PROJECT: Rehabilitation and Construction of Additional Block Classrooms at Hoerskool Adamantia High School, in Kimberly Northern Cape**

TITLE: WATER LAYOUT PLAN

STAND/ERF No.: ERF ...		
SCALE @ A1:	CHECKED:	APPROVED:
1:50	NZ	W.K
DRAWN:	DESIGNED:	DATE:
LM	W.K	26/05/2026
PROJECT No:	DRAWING No:	REV:
K250022	K250022-CIV-101	00

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WATER LAYOUT PLAN

1:1000

ISSUED FOR
TENDER