

BUILDINGS AND SEWER PLAN LAYOUT

SCALE 1:200

PLATFORM 01 LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
P1.1	28 579.454	2 533 652.324	503.000
P1.2	28 579.454	2 533 660.302	503.000
P1.3	28 559.082	2 533 660.302	503.000
P1.4	28 559.100	2 533 652.324	503.000

PLATFORM 02 LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
P2.1	28 532.260	2 533 618.255	503.000
P2.2	28 512.619	2 533 618.255	503.000
P2.3	28 512.619	2 533 626.834	503.000
P2.4	28 532.260	2 533 626.834	503.000

PLATFORM 03 LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
P3.1	28 569.699	2 533 628.726	503.000
P3.2	28 551.616	2 533 628.726	503.000
P3.3	28 551.616	2 533 637.305	503.000
P3.4	28 569.699	2 533 637.305	503.000

PLATFORM 04 LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
P4.1	28 495.000	2 533 628.555	503.000
P4.2	28 474.619	2 533 628.555	503.000
P4.3	28 474.619	2 533 637.134	503.000
P4.4	28 495.000	2 533 637.134	503.000

BLOCK A LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
B1.1	28 575.983	2 533 654.144	503.170
B1.2	28 575.983	2 533 657.582	503.170
B1.3	28 560.611	2 533 657.577	503.170
B1.4	28 560.602	2 533 654.144	503.170

BLOCK B LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

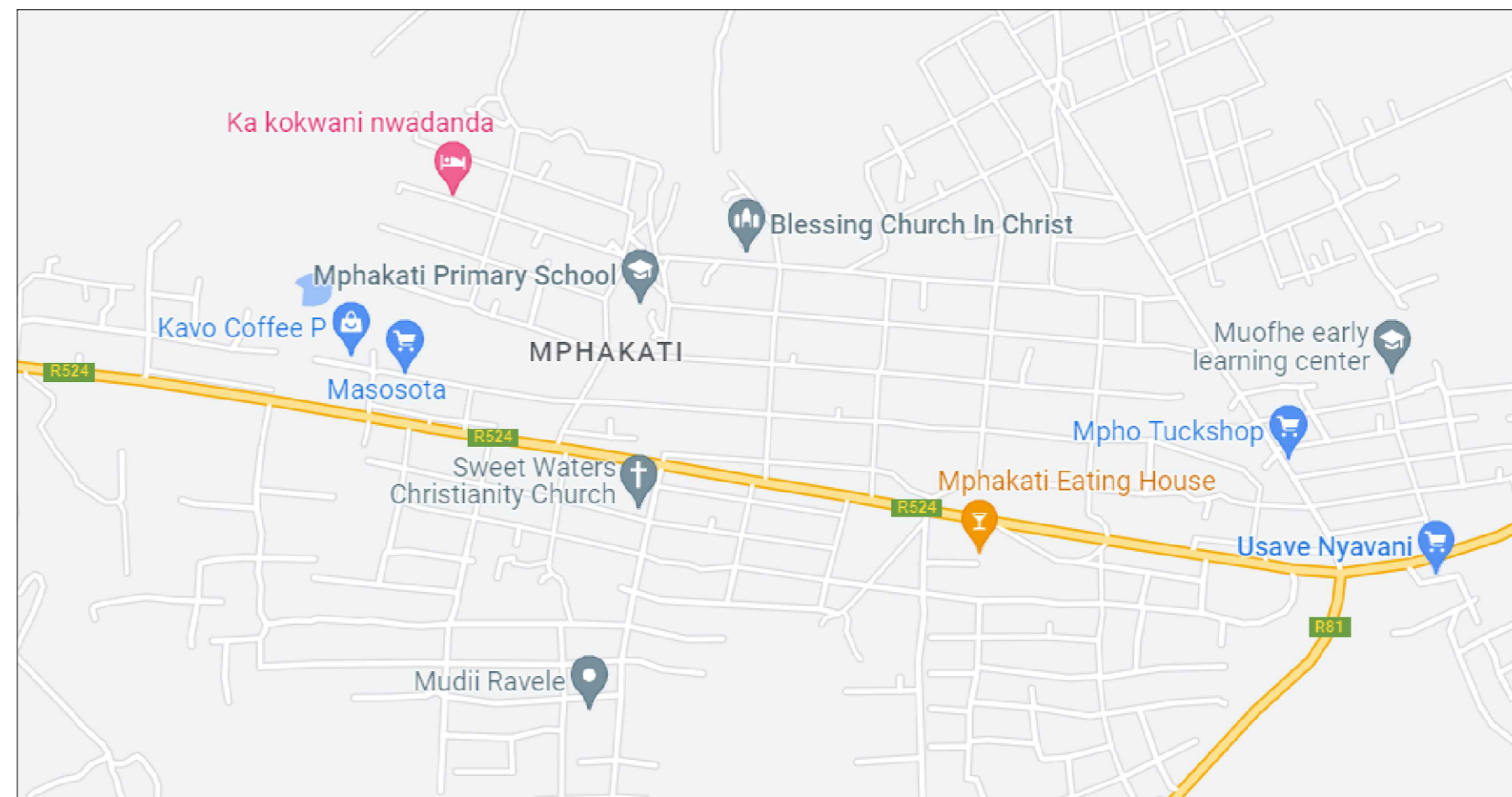
POINT	Y	X	Z
B2.1	28 530.717	2 533 624.113	503.170
B2.2	28 516.058	2 533 624.113	503.170
B2.3	28 516.058	2 533 620.676	503.170
B2.4	28 530.717	2 533 620.676	503.170

BLOCK C LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
B3.1	28 568.171	2 533 631.148	503.170
B3.2	28 555.852	2 533 631.148	503.170
B3.3	28 555.852	2 533 634.585	503.170
B3.4	28 568.171	2 533 634.585	503.170

BLOCK D LEVEL SETTING OUT TABLE (WGS 84 Lo 31)

POINT	Y	X	Z
B4.1	28 476.139	2 533 634.414	503.170
B4.2	28 476.139	2 533 630.976	503.170
B4.3	28 491.521	2 533 630.976	503.170
B4.4	28 491.521	2 533 634.414	503.170



KEY PLAN

SCALE: N.T.S.

CONTROL POINTS (WGS 84 Lo 21)

POINT	Y	X	Z
BM1	28 585.268	2 533 775.304	502.207
BM2	28 590.992	2 533 644.822	502.818

SCALES:
Horizontal 1:200
Vertical 1:100

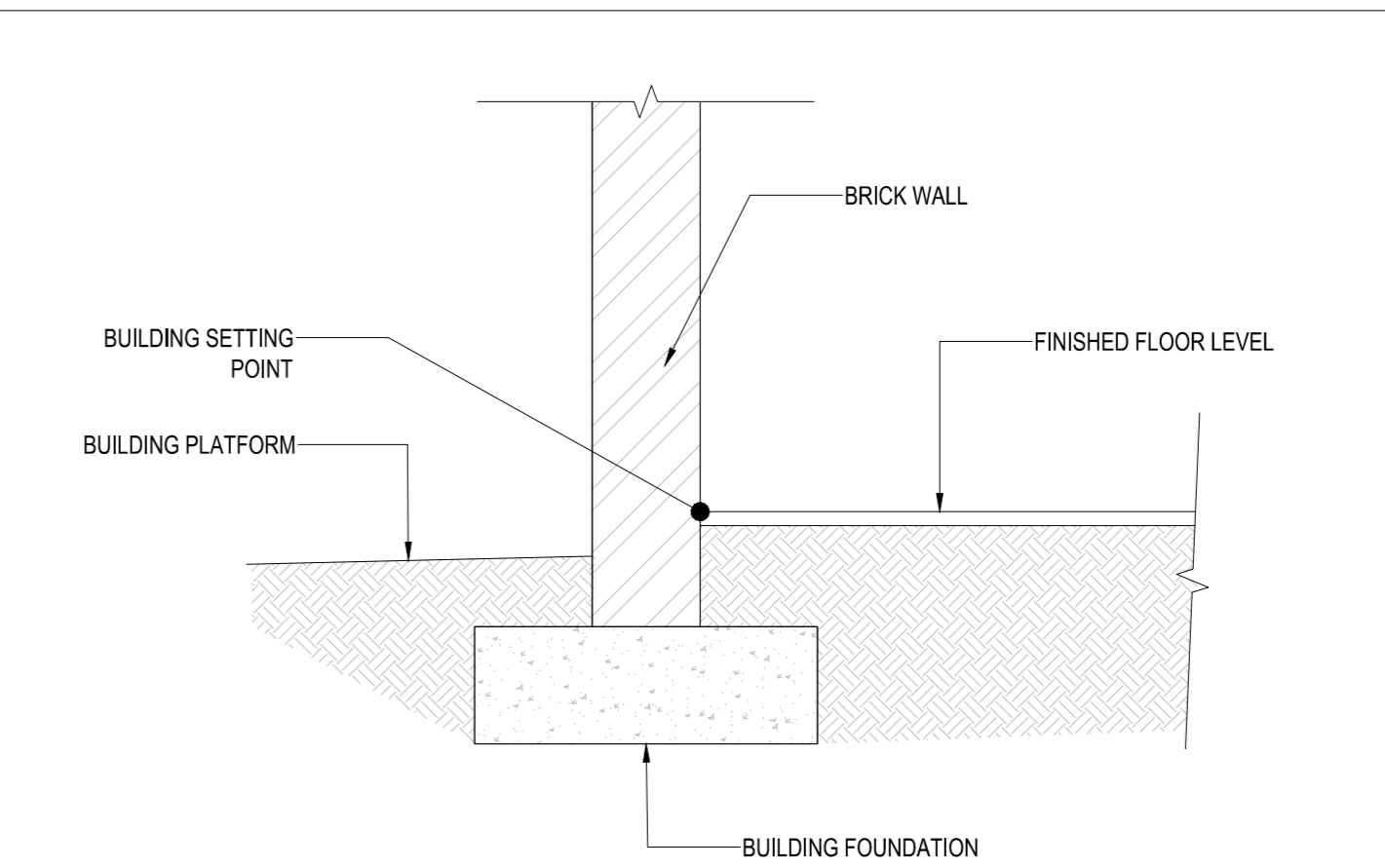
DATUM 500.000

MANHOLE	CHAINAGE(m)	GROUND LEVEL	PIPE INVERT LEVEL	DEPTH (m)	LENGTH (m) / GRADE	PIPE DETAILS	PIPE BEDDING
MH1	0.000	503.167	502.512	0.655	1.45% 1.69.0 6.85m	Ø160 CLASS 34	
MH2	6.846	503.076	502.412	0.664	0.89% 1.112.4 6.23m	Ø160 CLASS 34	
MH3	13.086	502.012	502.357	0.669	0.88% 1.113.6 6.07m	Ø160 CLASS 34	
MH4	19.148	502.003	502.303	0.690			

LONGSECTION SEWER 01
FROM 0.000 TO 19.148

MANHOLE SETTING OUT DETAILS
Sewer Network

MANHOLE	Y	X	COVER LEVEL	INVERT LEVEL	DEPTH
MH1	28562.152	2533651.676	503.167	502.512	0.655
MH2	28568.998	2533651.676	503.076	502.412	0.664
MH3	28575.232	2533651.676	503.026	502.357	0.669
MH4	28580.252	2533648.267	502.993	502.303	0.690



BUILDING SETTING OUT DETAILS

SCALE N.T.S.

REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION
SIST2101-ST-200-C-T-A	STANDARD DETAILS

NOTES:

- DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER/ ARCHITECT'S ATTENTION IMMEDIATELY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.
- ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 1040 NATIONAL BUILDING REGULATIONS AND SANS 1200.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WORKS FROM SURFACE WATER RUNOFF THAT MAY CAUSE EROSION DAMAGE. USING CHANNELS, BERMS, PUMPS etc. AS AND WHEN REQUIRED AND DIRECT GROUND WATERS AWAY FROM THE WORKS.
- ALL CUT AND FILL BANKS ARE 1V : 2H UNLESS OTHERWISE STATED.

LEGEND

- SEWER MANHOLE
- 160mm DIAMETER SEWER PIPE
- PROPOSED SEPTIC TANK
- PROPOSED SOAKAWAY
- 1m CONCRETE V-DRAIN CHANNEL
- EXISTING BUILDING
- NEW BUILDING
- PROPOSED BLOCK PAVED WALKWAY
- PROPOSED DISABLED RAMP
- NEW FENCE REFER TO ARCHITECTURAL FOR FENCE DETAILS
- EXISTING FENCE
- ELEVATED WATER TANK
- 25mm Dia WATER PIPE
- STAND PIPE
- 50mm Dia WATER PIPE
- BOREHOLE
- FLOW DIRECTION
- RENO-MATRESS
- 1:2 FILL EMBANKMENT
- 1:2 CUT EMBANKMENT

A	14-11-2022	SIST	FOR TENDER
NO.	DATE	INT	DESCRIPTION

ISSUE / REVISIONS

DRAWING CHECK

DESIGNED	BY	DRAWN	CHECKED
	M.MKHIZE	M.MKHIZE	T.MUDAU

PROFESSIONAL APPROVAL

NAME	REG NO.	SIGNATURE	DATE
T. MUDAU	PR/NO.201403310		14-11-2022

CLIENT



CLIENT APPROVAL

NAME	DIVISION	ROLE	SIGNATURE

PROJECT NAME
PROPOSED PERMANENT SANITATION
FACILITIES FOR MPHAKATHI PRIMARY
SCHOOL

EMIS 911360283

SITE ADDRESS

LIMPOPO PROVINCE

DRAWING TITLE

LAYOUT PLAN AND SETTING OUT
DETAILS

PROJECT NO.	TYPE	NUMBER	DISCIPLINE	STATUS	REV
SIST2121102	LA	101	C	T	A

DISCIPLINE
CIVIL INFRASTRUCTURE

CONSORTIUM

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FOR TENDER