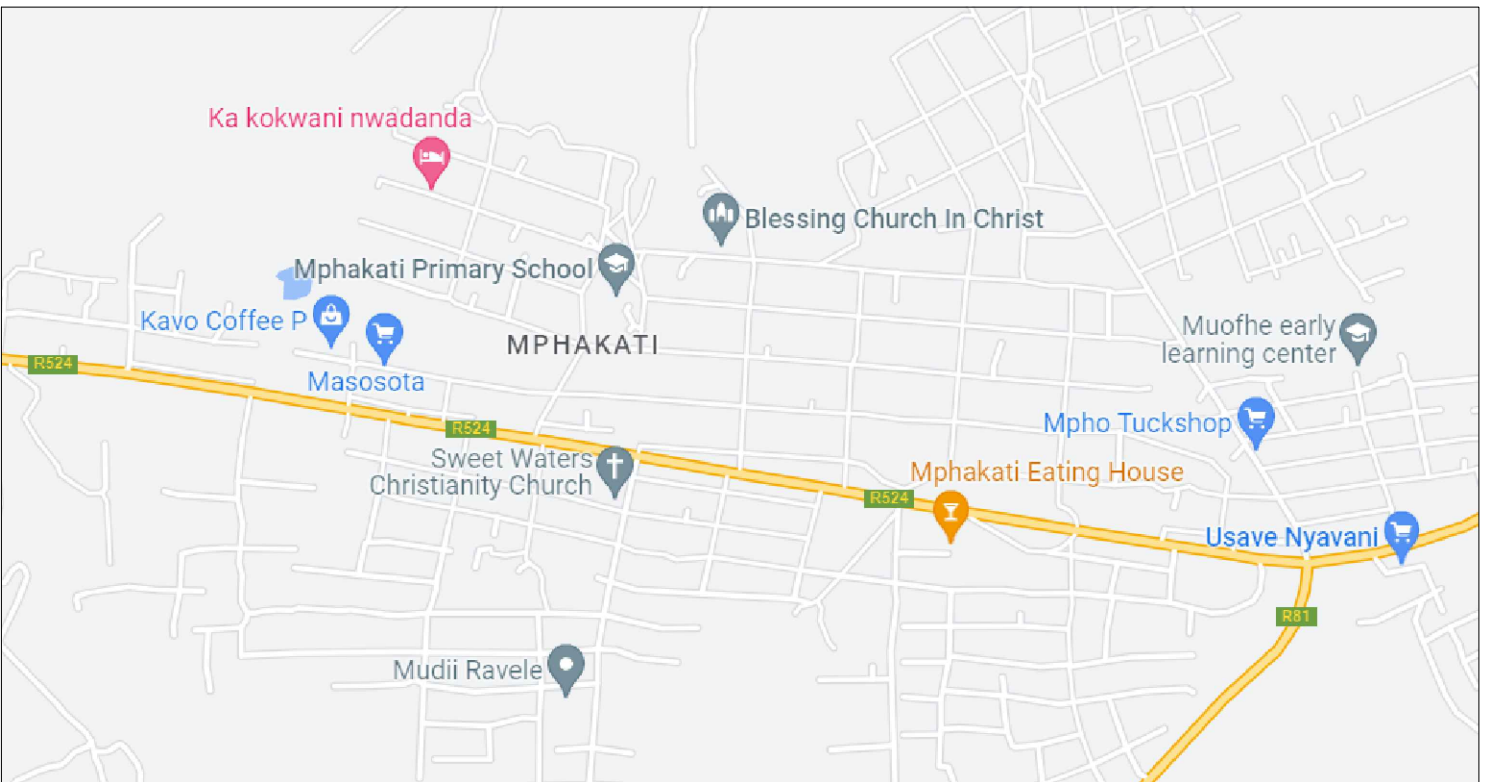


COMBINED SERVICES PLAN LAYOUT  
SCALE 1:250



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

FENCE SETTING OUT TABLE (WGS 84 Lo 31)		
POINT	Y	X
F1	28 585.468	2 533 774.989
F2	28 464.123	2 533 778.310
F3	28 451.556	2 533 644.967
F4	28 543.041	2 533 571.871
F5	28 590.780	2 533 644.694
F6	28 588.295	2 533 706.241
F7	28 550.161	2 533 705.615
F8	28 554.234	2 533 642.469
F9	28 589.323	2 533 642.469
F10	28 554.131	2 533 673.324
F11	28 543.371	2 533 673.324
F12	28 537.941	2 533 681.255
F13	28 532.763	2 533 688.716
F14	28 530.457	2 533 692.062

REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION
SIST22101-ST-200-C-T-A	STANDARD DETAILS

NOTES:  
1. 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.  
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.  
3. 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.  
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WORKS FROM SURFACE WATER RUNOFF THAT MAY CAUSE EROSION DAMAGE, USING CHANNELS, BERMES, PUMPS AND, AS AND WHEN REQUIRED AND DIRECT GROUND WATERS AWAY FROM THE WORKS.  
5. 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

A14-11-2022SISTFOR TENDER

NO. DATE INT DESCRIPTION

ISSUE / REVISIONS

DRAWING CHECK

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

PROFESSIONAL APPROVAL

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

CLIENT

LIMPOPO PROVINCE EDUCATION

THE MVULA TRUST A leading developmental NGO

CLIENT APPROVAL

NAME	DIVISION	ROLE	SIGNATURE

PROJECT NAME

PROPOSED PERMANENT SANITATION FACILITIES FOR MPHAKATHI PRIMARY SCHOOL

EMIS 911360283

SITE ADDRESS

LIMPOPO PROVINCE

DRAWING TITLE

COMBINED SERVICES LAYOUT PLAN

PROJECT NO. TYPE CLASS DISCIPLINE STATUS REV

SIST221102LA100C-T-A

PRELIMINARY T - TENDER C - CONSTRUCTION A - AS-BUILT SCALE: AS B AT

DISCIPLINE

CIVIL INFRASTRUCTURE

CONSORTIUM

DURBAN

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SIST ENGINEERS

FOR TENDER