

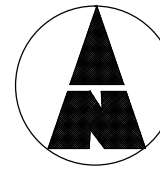



1. ENGINEER TO APPROVE FOUNDING CONDITIONS PRIOR TO CASTING OF CONCRETE. POOR FOUNDING MATERIAL ENCOUNTERED BELOW CONCRETE BASE TO BE EXCAVATED AND SPOILED AND REPLACED WITH DUMP ROCK (500mm DEEP) ON ENGINEER INSTRUCTION.
2. SET BOTTOM OF BLOCKS IN WET CONCRETE.
3. CONCRETE STRENGTH TO BE 20MPa AT 28 DAYS.
4. ENGINEER'S CERTIFICATE OF COMPLETION TO BE PROVIDED UPON COMPLETION.
5. UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTION TESTS, AND WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON BACKFILL.
6. STORMWATER BEHIND THE TOP OF WALL TO BE MANAGED IN SUCH A MANNER AS TO OVIATE SCOUR BEHIND OR OVER-TOPPING OF THE WALL.
7. 60mm DIA. WET HOLES 200mm ABOVE FGL AND 1m HORIZONTALLY AND VERTICALLY.
8. TYPE A3 GEOFABRIC OR EQUIVALENT TO BE INSTALLED BEHIND BLOCKS TO ONE ROW FROM THE TOP. NOT REQUIRED WHERE BACKFILL IS STABILIZED.
9. TB 500'S - INFRASET TERRACE BLOCKS OR SIMILAR TO BE APPROVED BY ENGINEER.
10. CONTRACTOR TO EXERCISE CAUTION DURING EXCAVATION AND PROVIDE THE NECESSARY SHORING DURING CONSTRUCTION.

PLATFORM BERM DETAIL

SCALE 1:50



EARTHWORKS SETTING OUT CO-ORDINATES (WGS84/WG31)					
POINT	Y	X	Z (LEVEL)		
P1	-1602.629	2958825.058	1375.174	FINISHED	PLATFORM LEVEL
P2	-1603.213	2958821.629	1375.209	FINISHED	ROAD LEVEL
P3	-1595.459	2958862.964	1375.243	FINISHED	ROAD LEVEL
P4	-1580.444	2958804.728	1375.387	FINISHED	ROAD LEVEL
P5	-1606.055	2958821.925	1375.378	FINISHED	ROAD LEVEL
P6	-1594.477	2958803.158	1375.378	FINISHED	ROAD LEVEL
P7	-1591.267	2958795.042	1375.453	FINISHED	ROAD LEVEL
P8	-1583.850	2958801.536	1375.380	FINISHED	ROAD LEVEL
P9	-1550.740	2958806.736	1375.210	FINISHED	ROAD LEVEL
P10	-1517.797	2958811.910	1375.552	FINISHED	ROAD LEVEL
P11	-1520.119	2958796.688	1375.551	FINISHED	ROAD LEVEL
P12	-1521.074	2958791.957	1375.545	FINISHED	ROAD LEVEL
P13	-1520.846	2958791.923	1376.225	FINISHED	ROAD LEVEL
P14	-1521.175	2958789.768	1376.530	FINISHED	ROAD LEVEL
P15	-1515.565	2958788.912	1376.530	FINISHED	ROAD LEVEL
P16	-1514.995	2958791.126	1375.747	FINISHED	ROAD LEVEL
P17	-1514.509	2958795.832	1375.740	FINISHED	ROAD LEVEL
P18	-1499.561	2958909.127	1376.161	FINISHED	ROAD LEVEL
P19	-1488.967	2958907.510	1376.268	FINISHED	ROAD LEVEL
P20	-1502.593	2958789.258	1376.161	FINISHED	ROAD LEVEL
P21	-1497.658	2958788.454	1376.211	FINISHED	ROAD LEVEL
P22	-1491.955	2958787.595	1376.269	FINISHED	ROAD LEVEL
P23	-1610.518	2958775.083	1375.680	FINISHED	ROAD LEVEL
P24	-1612.042	2958766.122	1375.771	FINISHED	ROAD LEVEL
P25	-1593.988	2958775.991	1375.645	FINISHED	ROAD LEVEL
P26	-1609.954	2958763.634	1375.791	FINISHED	ROAD LEVEL
P27	-1614.673	2958732.311	1376.082	FINISHED	ROAD LEVEL
P28	-1613.363	2958741.009	1376.020	FINISHED	ROAD LEVEL
P29	-1611.119	2958728.061	1376.120	FINISHED	ROAD LEVEL
P30	-1599.171	2958734.027	1376.200	FINISHED	ROAD LEVEL
P31	-1601.057	2958721.862	1376.200	FINISHED	ROAD LEVEL
P32	-1599.716	2958738.953	1376.020	FINISHED	ROAD LEVEL
P33	-1598.438	2958726.761	1376.200	FINISHED	ROAD LEVEL
P34	-1575.311	2958738.637	1375.945	FINISHED	ROAD LEVEL
P35	-1552.149	2958714.495	1376.200	FINISHED	ROAD LEVEL
P36	-1549.602	2958731.404	1376.200	FINISHED	ROAD LEVEL
P37	-1549.329	2958733.214	1376.403	FINISHED	WALKWAY LEVEL
P38	-1548.966	2958733.412	1376.530	FINISHED	PLATFORM LEVEL
P39	-1547.242	2958733.152	1376.530	FINISHED	PLATFORM LEVEL
P40	-1588.480	2958739.111	1376.403	FINISHED	WALKWAY LEVEL
P41	-1588.340	2958739.343	1376.530	FINISHED	PLATFORM LEVEL
P42	-1586.290	2958749.766	1376.109	FINISHED	WALKWAY LEVEL
P43	-1595.408	2958749.986	1376.530	FINISHED	PLATFORM LEVEL
P44	-1592.415	2958775.885	1375.836	FINISHED	WALKWAY LEVEL
P45	-1589.568	2958794.786	1375.652	FINISHED	WALKWAY LEVEL
P46	-1589.127	2958797.709	1375.621	FINISHED	WALKWAY LEVEL
P47	-1587.497	2958796.447	1376.530	FINISHED	PLATFORM LEVEL
P48	-1584.161	2958800.143	1375.566	FINISHED	WALKWAY LEVEL
P49	-1583.873	2958798.146	1376.530	FINISHED	PLATFORM LEVEL
P50	-1529.840	2958791.854	1375.651	FINISHED	WALKWAY LEVEL
P51	-1527.710	2958791.533	1375.667	FINISHED	WALKWAY LEVEL
P52	-1526.421	2958789.617	1376.530	FINISHED	PLATFORM LEVEL
P53	-1521.289	2958790.549	1375.732	FINISHED	WALKWAY LEVEL
P54	-1521.541	2958788.893	1376.530	FINISHED	PLATFORM LEVEL
P55	-1515.828	2958787.190	1376.530	FINISHED	PLATFORM LEVEL
P56	-1519.849	2958763.890	1376.530	FINISHED	PLATFORM LEVEL
P57	-1530.730	2958764.786	1376.530	FINISHED	PLATFORM LEVEL
P58	-1535.756	2958731.422	1376.530	FINISHED	PLATFORM LEVEL
P59	-1526.018	2958741.793	1377.030	FINISHED	PLATFORM LEVEL
P60	-1497.625	2958737.515	1377.030	FINISHED	PLATFORM

DRAWING REFERENCE					
TITLE					
<div style="text-align: center;"> NORTH POINT</div>					
NOTES					
B	EARTHWORKS LEVELS REVISED.	G.L	MAR 2024		
A	EARTHWORKS LAYOUT UPDATED AS PER ARCHITECT LATEST SITE PLAN. DRAWING No. UKU-A-1001-SPO	G.L	OCT 2023		
NO.	AMENDMENT	APPROVED	DATE		
REVISIONS					
CLIENT					
SOUTH AFRICAN POLICE SERVICE					
Thekwini Geocivils cc T/A TGC Engineers Geotechnical & Civil Engineers Waste Disposal Consultants • Project Managers					
Suite 6 4 The Crescent Westway Office Park Westville 3611 Telephone 265-1777				P.O. Box 446 PAVILION 3611 Telefax 265-2727 E-mail: tgc@tgcengineers.co.za	
PROJECT					
NEW SAPS IKAGENG POLICE STATION: NORTH WEST					
TITLE					
EARTHWORKS LAYOUT					
CONSULTING ENGINEER		DESIGNED : G.L			
SIGNATURE: 		DRAWN : A.N			
PR. NO.: 20180418		CHECKED : G.P			
DATE: 10/07/2023		SCALE : AS SHOWN			
		DATE : MAY 2023			
		ORIGINAL SIZE: A1			
REFERENCE NO. 51660		FIGURE NO. 02		REVISION B	
CAD FILE: S:\.....					

PRELIMINARY DRAWING