FOOTPATH 3 - Ch. 0 to 152

CHAINAGE 0						
H.SCALE 1:200						_ — —
V.SCALE 1:200 DATUM = 286	-	 . — —	_ =			
OFFSET	-10.000	-2.510	-0.977	0.688	4.779	9.172
ELEVATION	286.706	288.059	288.055	288.210	289.065	289.818 289.703

CHAINAGE 35	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 279	
OFFSET	-4.213 -0.452 -0.390 1.165 3.257
ELEVATION	279.405 279.173 279.164 279.475 280.307

CHAINAGE 70	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 272	
OFFSET	-3.380 -8.438 9.994
ELEVATION	272.407 272.833 272.838 272.602

CHAINAGE 105	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 263	
OFFSET	-3.305 -0.723 -0.236 -0.857 2.881
ELEVATION	263.863 263.914 263.987 263.987 264.846
	<u> </u>

CHAINAGE 140								
H.SCALE 1:200								
V.SCALE 1:200 DATUM = 258	_	. — — -					- —	
OFFSET	-5.486	-1.531	0.158	2.269	4.278	6.025	7.422	10.000
ELEVATION	258.836	259.326	259.481 259.623	259.595	259.636	259.475	259.511	259.576
	•		•					

CHAINAGE 5						
H.SCALE 1:200						. —
V.SCALE 1:200 DATUM = 285				. — —	. — — —	
OFFSET	-10.000	4.749 4.212	-0.463	2.239	5.046	8.864
ELEVATION	285.861	286.895 286.895	286.469 286.431	286.757	287.093	287.715

CHAINAGE 40	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 278	
OFFSET	-5.586 -4.599 -3.678 -0.428 -0.138 -3.376
ELEVATION	278.375 278.484 278.530 278.283 278.299 279.089 279.318

CHAINAGE 75	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 270	
OFFSET	-3.475 -1.932 0.080 0.770 2.609 4.108
ELEVATION	271.014 270.979 270.719 271.087 271.645

CHAINAGE 110	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 263	
OFFSET	-3.222 -2.174 -0.318 -0.318 3.775
ELEVATION	263.124 263.132 263.144 263.148 263.148 263.420 263.933

CHAINAGE 145						
H.SCALE 1:200						
V.SCALE 1:200 DATUM = 258	_		=			
OFFSET	-5.631	-4.061	-1.227	2.650 3.308	6.241	10.000
ELEVATION	258.204	258.362	258.577	258.558 258.53	258.434	258.425

CHAINAGE 10				
H.SCALE 1:200				
V.SCALE 1:200 DATUM = 284		/		
OFFSET	-10.000	-6.073 -4.972 -3.990	0.410 0.121 0.962	4.646 8.498
ELEVATION	284.449	285.006 285.464 285.489	284.976 284.902 285.005	285.258 285.496
	'		'	

CHAINAGE 45	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 277	
OFFSET	-5.855 -2.496 -0.389 -0.163
ELEVATION	277.301 277.747 277.747 278.605

CHAINAGE 80	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 269	
OFFSET	-3.683 -0.258 1.043 4.404
ELEVATION	269.412 269.455 269.534 270.857

CHAINAGE 115	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 262	
OFFSET	-3.146 -0.659 0.182 4.183
ELEVATION	262.358 262.368 262.368 262.401 282.851

CHAINAGE 150			
H.SCALE 1:200			
V.SCALE 1:200 DATUM = 257			
OFFSET	-7.372 -5.499 -4.779 -3.6199	1.586	7.360
ELEVATION	257.575 257.762 257.741 257.745 257.750	257.553 257.518 257.274	257.314

CHAINAGE 15							
H.SCALE 1:200					_ — —	_ —	
V.SCALE 1:200 DATUM = 281	_						
OFFSET	-10.000	-7.130	-4.074	-1.564 -0.346 -0.393	3.449	5.319	
ELEVATION	281.573	282.313	283.725	283.892 283.756 283.682	284.279	284.454	
				·			

CHAINAGE 50	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 276	
OFFSET	-5.263 -3.099 -1.774 -0.590 -0.057 2.817 4.042
ELEVATION	276.286 276.460 276.505 276.610 277.157 277.157

CHAINAGE 85	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 267	
OFFSET	-4.023 -1.737 -0.682 -0.317 -3.299 4.175
ELEVATION	267.933 268.194 268.20 268.208

CHAINAGE 120			
H.SCALE 1:200			
V.SCALE 1:200 DATUM = 261	_		
OFFSET	-2.880	-0,608 -0.439	44.334 4.022 4.022 4.034
ELEVATION	261.617	261.672	262.201 262.335 262.446
			·

ELEVATION

CHA	AINAGE 152											
H.S	CALE 1:200											
	CALE 1:200 UM = 256	-				_	— — _	<u> </u>				
0	FFSET	-7.970	-6.786	-5.608	-4.621	-3.748	-2.440	1.553	2.947	4.214 5.001	7.273	000
EI	LEVATION	257.359	257.477	257.443	257.401	257.457	257.402	257.141	256.982	256.927 256.887	256.923	256 927

CHAINAGE 20	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 281	
OFFSET	-4.751 -2.463 -0.267 1.073 4.302
ELEVATION	281.945 282.281 282.567 282.567 282.783 283.669

CHAINAGE 55	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 275	
OFFSET	-4.534 -3.972 -8.345 0.713
ELEVATION	275.199 275.253 275.459 275.654 276.416

CHAINAGE 90	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 266	
OFFSET	-4.158 -3.652 -0.095 0.748 3.372
ELEVATION	66.874 67.016 67.373 68.596

CHAINAGE 125	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 260	
OFFSET	-3.734 -1.988 -8.555 0.438 -2.782 4.640 6.449
	01

CHAINAGE 25	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 280	
OFFSET	-6.157 -4.999 -2.528 -0.734 -0.734 -0.379 -0.379 3.664
ELEVATION	280.615 280.657 281.047 281.418 281.418 281.499 281.499 282.279 282.665

C	CHAINAGE 60				
H	1.SCALE 1:200				
	/.SCALE 1:200 DATUM = 274		. — 🖫		
	OFFSET	-3.854	-0.667	3.545 3.073	
	ELEVATION	274:241	274.558	275.034 275.156	

-3.929 -1.522 -0.389 -0.066 2.234 2.926
265.752 265.867 265.945 266.971 267.296

CHAINAGE 130					
H.SCALE 1:200					
V.SCALE 1:200 DATUM = 260					
OFFSET	4.591	-1.093 -0.545 0.219 1.282	4.378	7.523	10.000
ELEVATION	260.165	260.748 260.755 260.782 260.881	261.554	262.152	262.711

ELEVATION	280.52 280.39 280.34 280.44 281.29 281.50
CHAINAGE 25	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 280	

CHAINAGE 30

H.SCALE 1:200

V.SCALE 1:200

DATUM = 280

OFFSET

CHAINAGE 65	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 273	
OFFSET	-3.666 -2.083 0.111 1.799 3.437
ELEVATION	273.373 273.161 273.306 273.503 273.834

CHAINAGE 100	
H.SCALE 1:200	
V.SCALE 1:200 DATUM = 264	
OFFSET	-3.564 -2.688 -0.740 0.150 0.951 2.664
ELEVATION	264.733 264.765 264.863 265.228 266.015

CHAINAGE 135							
H.SCALE 1:200							
V.SCALE 1:200 DATUM = 259	_	_ — —	_		_ — -		
OFFSET	-5.425	-3.507	-0.490 	2.346	4.277	6.911	9.239
ELEVATION	259.456	259.828	260.201 268.343	260.636	260.948	261.623	262.082 262.167

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1-1	

GENERAL:

. PROVE ALL SERVICES PRIOR TO CONSTRUCTION. 2. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE. 3. ALL SETTING OUT TO BE UNDERTAKEN BY A REGISTERED

4. ALL SURVEY AND SETTING OUT DATA PROVIDED IS BASED ON

. ALL WORK AREAS TO BE REINSTATED (PREMIX, CONCRETE, ETC.) . MUNICIPALITY TO EXECUTE ALL CONNECTIONS INTO MUNICIPAL

. UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTION TESTS, AND

RESULTS OF COMPACTION AND CBR TESTS ON INSITU SUB-BASE MATERIAL AND FILLED SUB-BASE MATERIAL MUST BE SUBMITTED

COMPACTION TESTS 1 PER 200m² NOTE : COMPACTION TESTS WILL BE REQUIRED FOR EACH OF THE VARYING LAYER THAT IS

4. ALL FOUNDATION EXCAVATIONS ARE TO BE INSPECTED BY THE

. ALL REINFORCING FIXING IS TO BE INSPECTED BY THE ENGINEER

. SIX CONCRETE CUBES TO BE TAKEN PER BATCH. THREE CUBES TO BE TESTED AT SEVEN DAYS, THE REMAINDER AT TWENTY EIGHT DAYS. THE RESULTS ARE TO BE FORWARDED TO THE

. ALL BACKFILL TO BE COMPACTED TO 93% MOD AASHTO DENSITY . STORM WATER BEHIND THE TOP OF THE WALL TO BE MANAGED IN SUCH A MANNER AS TO OBVIATE SCOUR BEHIND OR OVER -

. ALL LEVELS, DIMENSIONS AND SETTING OUT DETAILS TO BE VERIFIED BY CONSULTANT AND CONTRACTORS ON SITE PRIOR

THE POSITIONS OF ACCESSES ARE TO BE DETERMINED IN CONSULTATION WITH THE LOCAL COMMUNITY. DAYLIGHT REQUIREMENTS ARE TO BE DECIDED BY THE ENGINEER ON SITE. CONCRETE WEDGES ACCORDING TO CIVIL ENGINEERS DETAILS AND SPECIFICATIONS MAY BE USED IN PLACE OF SURFACED BELL-MOUTHS FOR ACCESSES SERVING SINGLE RESIDENTIAL EXISTING ROAD SIGNS, SERVICES AND FENCING AFFECTED BY CONSTRUCTION ARE TO BE REMOVED/RELOCATED ON

UNDERGROUND SERVICE CROSSINGS AND MARKERS ARE TO BE ACCORDING TO CIVIL ENGINEERS DETAILS AND SPECIFICATIONS. . ALL NEW ROAD SIGNS AND ROAD MARKING REQUIREMENTS ARE TO CONFORM TO THE SOUTHERN AFRICAN DEVELOPMENT COMMUNITY ROAD TRAFFIC SIGNS MANUAL (SADC - RTSM). 0. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH "COLTO SPECIFICATIONS FOR ROAD AND BRIDGE WORKS FOR STATE

. NEW FILLS AND EXPOSED CUTS ARE TO BE TOP-SOILED AND VEGETATED IMMEDIATELY AFTER CONSTRUCTION TO PREVENT

1. ALL STORMWATER PIPES ARE CLASS 100D CONCRETE AND HD CL

ALL STORMWATER CONCRETE PIPES TO COMPLY WITH SANS 677

. ALL uPVC PIPES TO COMPLY WITH SANS 966 STANDARDS.

5. ALL STORMWATER PIPES TO BE LAID ON CLASS B BEDDING. 3. ALL EXISTING DRAINAGE CULVERTS ARE TO BE INSPECTED, AND

CULVERT INVERTS ARE TO BE DECIDED BY CIVIL ENGINEER ON SITE UNLESS SHOWN OTHERWISE. MIN. COVER = 600mm, MIN.

ANY FOUND IN UNSERVICEABLE CONDITION ARE TO BE REPLACED ON INSTRUCTION BY THE CIVIL ENGINEER.

4. ALL JOINTS TO BE 'SPIGOT AND SOCKET' TYPE.

REFERENCE DRAWINGS

DESCRIPTION

eTHEKWINI: PROVISION OF

INCREMENTAL SERVICES TO

INFORMAL SETTLEMENTS:

ISITHUNDU HILL WARD 13

FOOTPATHS CROSS

SECTIONS

(SHEET 3 OF 3)

A.D. 2024.03.2

Registration

P1 FOR TENDER

ofessional person

WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON

. ALL WORKS IN ACCORDANCE WITH CITY OF DURBAN

. THE ENGINEER REQUIRES 24 HOURS NOTICE FOR ALL

TO THE ENGINEER FOR APPROVAL BEFORE THE UPPER LAYER WORKS ARE IMPORTED TO THE SITE AND PLACED.

. ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE. . ALL CONCRETE WORK IS TO COMPLY WITH SANS 1200G.

PROFESSIONAL LAND SURVEYOR.

SPECIFICATIONS AND SANS 1200

MATERIAL COMPLIANCE TESTING :

INSPECTIONS.

FREQUENCY OF TESTS:

RETAINING WALL:

. CBR TESTS 1 PER 300m².

IMPORTED AND COMPACTED IN PLACE.

3. CONCRETE GRADE :- FOUNDATION 25 / 19

PRIOR TO CASTING OF CONCRETE.

TOPPING OF THE WALL.

ROADS AND FOOTPATHS :

TO CONSTRUCTION.

ROAD AUTHORITIES".

STORMWATER:

34 uPVC PIPES.

STANDARDS.

ENGINEER FOR REVIEW AND APPROVAL.

INSTRUCTION BY THE CIVIL ENGINEER.

. SET BOTTOM ROW OF BLOCKS IN WET CONCRETE.

ENGINEER PRIOR TO CASTING OF CONCRETE.

UITE ESS106 STRATHMORE PARK, 305 MUSGRAVE ROAD, MUSGRAVE, DURBAN e-mail : admin@mapafrica.co.za website : www.mapafrica.co.za FAX (031) 3092929 TEL. (031) 3095831						
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PPROVED L.S PL DATE 2024.03.22						
NITRACT No. 41/ 2000						

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		APPROVED	L.S	PL	DATE	2024.03.2	
	I	CONTRACT No. 4V-28990					
FOR TENDER		DRAWING No. 557/ISIT/902-3			REV P		