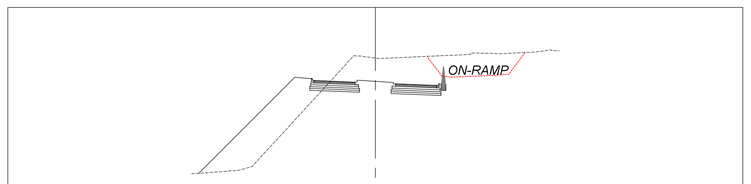
CHAINAGE 280

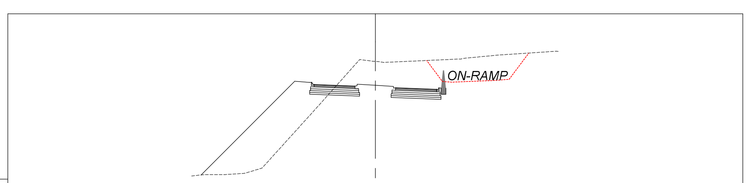
H.SCALE 1:500
V.SCALE 1:250



DATUM = 38								
FINISHED	46.536	46.489	46.402	46.464	46.270	46.203	46.136	
GROUND				46.366				
OFFSET	-10.009	-6.658	-3.308	0.000	3.292	6.642	9.991	

CHAINAGE 270

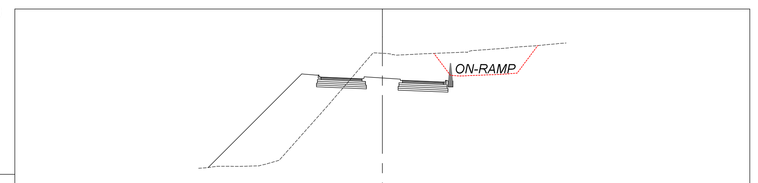
H.SCALE 1:500
V.SCALE 1:250



DATUM = 39								
FINISHED	46.736	46.669	46.602	46.664	46.470	46.403	46.336	
GROUND				46.615				
OFFSET	-10.012	-6.662	-3.311	0.000	3.289	6.638	9.988	

CHAINAGE 260

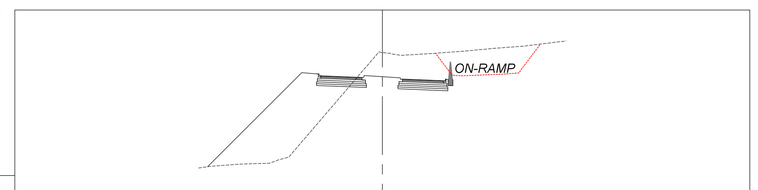
H.SCALE 1:500
V.SCALE 1:250



DATUM = 39								
FINISHED	46.936	46.869	46.802	46.863	46.670	46.603	46.536	
GROUND				46.879				
OFFSET	-10.016	-6.665	-3.315	0.000	3.265	6.635	9.984	

CHAINAGE 250

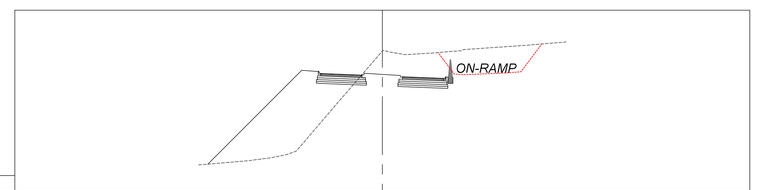
H.SCALE 1:500
V.SCALE 1:250



DATUM = 39								
FINISHED	47.137	47.070	47.003	47.063	46.871	46.804	46.737	
GROUND				49.600				
OFFSET	-10.020	-6.670	-3.319	0.000	3.281	6.630	9.980	

CHAINAGE 240

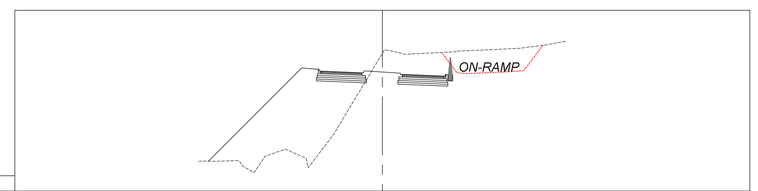
H.SCALE 1:500
V.SCALE 1:250



DATUM = 39								
FINISHED	47.337	47.270	47.203	47.263	47.071	47.004	46.937	
GROUND				49.164				
OFFSET	-10.023	-6.672	-3.322	0.000	3.278	6.628	9.977	

CHAINAGE 230

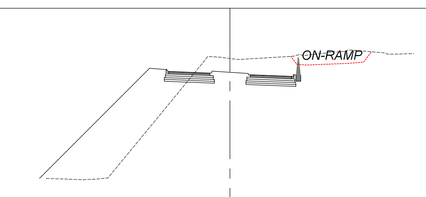
H.SCALE 1:500
V.SCALE 1:250



DATUM = 39								
FINISHED	47.537	47.470	47.403	47.463	47.271	47.204	47.137	
GROUND				49.981				
OFFSET	-10.028	-6.677	-3.327	0.000	3.273	6.623	9.972	

CHAINAGE 340

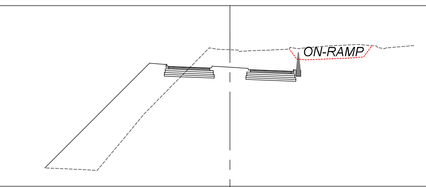
H.SCALE 1:500
V.SCALE 1:250



DATUM = 36								
FINISHED	-5.536	-5.269	-5.002	-5.064	-5.070	-5.003	-4.936	
GROUND				-5.393				
OFFSET	-9.986	-6.636	-3.285	0.000	3.315	6.664	10.014	

CHAINAGE 330

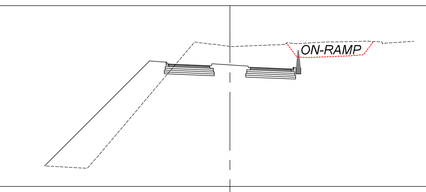
H.SCALE 1:500
V.SCALE 1:250



DATUM = 37								
FINISHED	-5.536	-5.469	-5.402	-5.464	-5.270	-5.203	-5.136	
GROUND				-5.891				
OFFSET	-9.990	-6.639	-3.289	0.000	3.311	6.661	10.010	

CHAINAGE 320

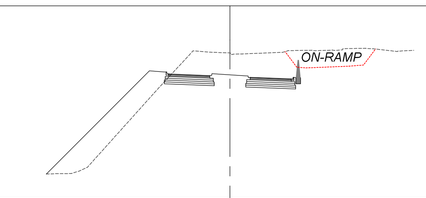
H.SCALE 1:500
V.SCALE 1:250



DATUM = 37								
FINISHED	-5.736	-5.669	-5.602	-5.664	-5.470	-5.403	-5.336	
GROUND				-7.160				
OFFSET	-9.994	-6.644	-3.293	0.000	3.307	6.656	10.006	

CHAINAGE 310

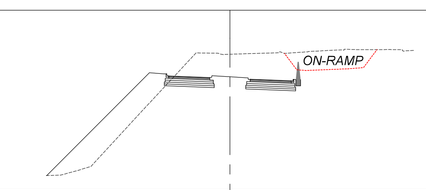
H.SCALE 1:500
V.SCALE 1:250



DATUM = 37								
FINISHED	-5.936	-5.869	-5.802	-5.864	-5.670	-5.603	-5.536	
GROUND				-7.645				
OFFSET	-9.998	-6.648	-3.297	0.000	3.303	6.652	10.002	

CHAINAGE 300

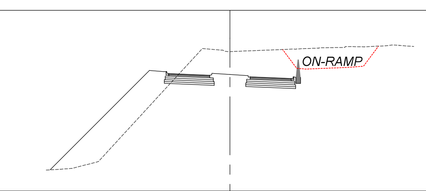
H.SCALE 1:500
V.SCALE 1:250



DATUM = 38								
FINISHED	46.136	46.069	46.002	46.064	45.870	45.803	45.736	
GROUND				47.905				
OFFSET	-10.001	-6.651	-3.300	0.000	3.300	6.649	9.999	

CHAINAGE 290

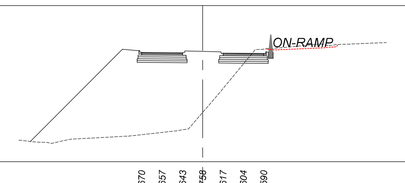
H.SCALE 1:500
V.SCALE 1:250



DATUM = 38								
FINISHED	46.336	46.269	46.202	46.264	46.070	46.003	45.936	
GROUND				48.160				
OFFSET	-10.005	-6.655	-3.304	0.000	3.296	6.645	9.995	

CHAINAGE 410

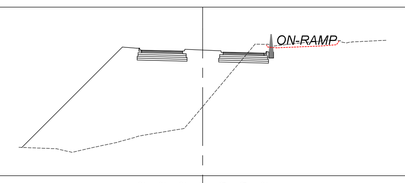
H.SCALE 1:500
V.SCALE 1:250



DATUM = 36								
FINISHED	43.670	43.657	43.643	43.756	43.617	43.604	43.590	
GROUND				38.777				
OFFSET	-9.981	-6.611	-3.240	0.000	3.340	6.658	9.975	

CHAINAGE 400

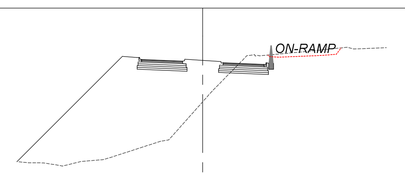
H.SCALE 1:500
V.SCALE 1:250



DATUM = 35								
FINISHED	43.992	43.952	43.912	44.069	43.833	43.793	43.752	
GROUND				39.281				
OFFSET	-9.964	-6.613	-3.263	0.000	3.337	6.687	10.036	

CHAINAGE 390

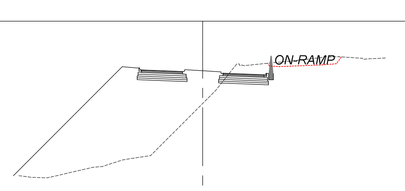
H.SCALE 1:500
V.SCALE 1:250



DATUM = 35								
FINISHED	44.304	44.237	44.170	44.232	44.038	43.971	43.904	
GROUND				40.647				
OFFSET	-9.988	-6.618	-3.267	0.000	3.333	6.682	10.032	

CHAINAGE 380

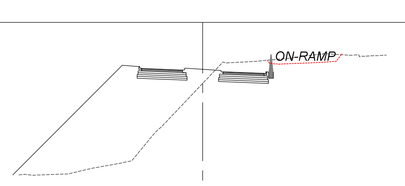
H.SCALE 1:500
V.SCALE 1:250



DATUM = 35								
FINISHED	44.525	44.458	44.391	44.453	44.259	44.192	44.125	
GROUND				41.782				
OFFSET	-9.972	-6.622	-3.271	0.000	3.329	6.678	10.028	

CHAINAGE 370

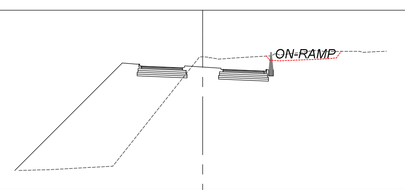
H.SCALE 1:500
V.SCALE 1:250



DATUM = 36								
FINISHED	44.735	44.668	44.601	44.663	44.469	44.402	44.335	
GROUND				43.614				
OFFSET	-9.975	-6.625	-3.274	0.000	3.326	6.675	10.025	

CHAINAGE 360

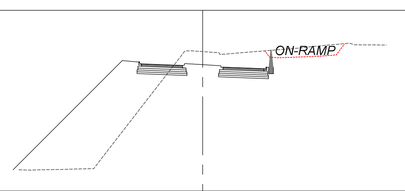
H.SCALE 1:500
V.SCALE 1:250



DATUM = 36								
FINISHED	44.936	44.869	44.802	44.864	44.670	44.603	44.536	
GROUND				45.692				
OFFSET	-9.979	-6.629	-3.278	0.000	3.322	6.671	10.021	

CHAINAGE 350

H.SCALE 1:500
V.SCALE 1:250



DATUM = 36								
FINISHED	45.136	45.069	45.002	45.064	44.870	44.803	44.736	
GROUND				45.193				
OFFSET	-9.983	-6.632	-3.282	0.000	3.318	6.668	10.017	

PRELIMINARY DRAWING

eTHEKWINI MUNICIPALITY

ENGINEERING UNIT
ROADS PROVISION DEPARTMENT

PLAN DESCRIPTION	DWG. NO.	
CONTINUED FROM		
CONTINUED ON		
CROSS SECTIONS		
TYPICAL CROSS SECTION		
SURVEY LAYOUT		

REDUCED PLAN USE SCALE BELOW

0 10 20 30 40 50 60 70

70mm ON ORIGINAL PLAN

DRAWN IN ALLYWINDOWS

WG31

Revision	Date	Description

NOTE:
No construction work to commence until land and servitude acquisitions have been completed

Acquisitions completed

Date Engineer

NORTH POINT

UNDERGROUND SERVICES CHECKED

SERVICE	DATE	SIGNATURE
S.W.DRAINS		
SEWERS		
WATER MAINS		
G.P.O.CABLES		
ELECTRIC CABLES		
S.A.R. CABLES		
E.S.C. CABLES		
OIL PIPE LINE		

NOTE:
Only underground services affected by new construction work are shown. Care must be taken during excavations for road foundations, trenches etc... to avoid damage to underground services such as sewers, drains, cables, water mains and connections. Wherever possible these must be located before work proceeds.

Contract No: 1T - 47319

Project Title:
IPTN - C3 CORRIDOR, WP 5:
CROSSROADS CONSTRUCTION
WHICH INCLUDES A CULVERT
WIDENING AND ASSOCIATED WORKS,
KWAMASHU

Drawing Title:
BRT CROSS SECTIONS
CHAINAGE Km 0+230 TO Km 0+410

Scales	Reference
H. SCALE 1:500 V. SCALE 1:250	
Designed: G. MANIKAM	Date: 22 JULY 2021
Checked	Drawn in AllyWindows by: F. ABDUL KARRIM

D/H : Roads Provision

D/H : RSM (ETA)

A.M.Peters Head : Engineering

Drawing No	Sheet
49026	07 of 12 Sheets