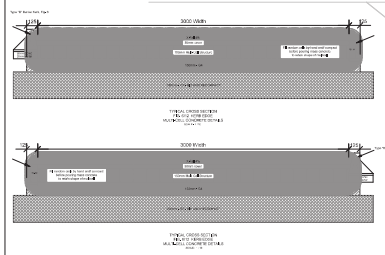


Curve List

Road 1

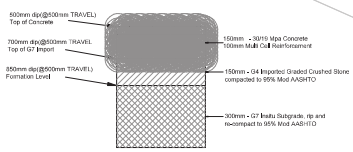
No	Radius	TS In	TS Out	TAN In	TAN Out	Deflection
0	6,000	6,990	7,033	6,990	6,990	0°29'28
1	60,000	6,990	7,033	6,217	6,217	25°05'20
2	5,000	6,990	7,033	2,862	2,862	85°21'32
3	80,000	6,990	7,033	5,273	5,273	51°28'20
4	5,000	6,990	7,033	4,494	4,494	83°32'30
5	6,000	6,990	7,033	6,990	6,990	0°29'28

Critical Points and Control Coordinates

Name	Y-Coord	X-Coord	Z-Coord
BC1L	4525,504	3292095,195	192,944
BC1R	4536,005	3292095,512	193,346
BC2L	4511,156	3292112,963	187,475
BC2R	4513,248	3292116,234	187,896
BC3L	4514,102	3292135,287	171,629
BC3R	4514,645	3292139,077	171,850
BC4L	4476,239	3292097,909	170,448
BC4R	4476,208	3292099,215	170,602
BC5L	4449,146	3291955,927	176,000
BC5R	4449,199	3291960,390	176,871
BC6L	4491,296	3291943,444	186,077
BC6R	4494,461	3291939,234	186,219
EC1L	4574,578	3292100,271	191,789
EC1R	4530,011	3292096,200	192,334
EC2L	4501,318	3292118,138	183,335
EC2R	4501,364	3292122,280	183,775
EC3L	4510,862	3292134,136	171,332
EC3R	4508,631	3292130,162	171,397
EC4L	4473,823	3292088,009	170,983
EC4R	4470,876	3292089,272	170,829
EC5L	4451,943	3291955,929	177,215
EC5R	4450,950	3291952,264	177,447
EC6L	4487,768	3291947,842	187,705
EC6R	4489,364	3291934,264	188,264

Control WG31 based on WGS84 Ellipsoid

Name	Y-Coord	X-Coord	Z-Coord
J755	4508,194	3291907,102	188,875
J756	4488,875	3291937,183	200,511
J757	4513,469	3292019,210	203,317
SR1	4558,023	3291974,468	204,978
SR2	4508,194	3291991,210	204,875
SR3	4543,710	3292032,787	203,371
SR4	4537,285	3292058,202	195,996
SR5	4583,718	3292051,115	195,946
SR6	4549,679	3292093,469	193,769
SR7	4522,001	3291991,208	192,332
SR8	4495,729	3291954,203	188,233
SR9	4511,250	3291883,416	208,513



CONCRETE PAVEMENT LAYERS

SCALE - 1 : 10

INTULO WALK - ROAD LIST			
Position	Y	X	CH
PB	4528,963	3292095,963	
BC01	4511,227	3292114,963	26,346
PB	4507,263	3292116,963	31,475
EC01	4559,091	3292100,013	53,584
BC02	4514,375	3292135,762	126,200
PB	4511,200	3292137,212	130,846
EC02	4550,747	3292125,189	173,490
BC03	4471,123	3292099,012	185,195
PB	4470,266	3292094,766	189,920
EC03	4470,266	3292095,281	191,980
BC04	4447,073	3291960,108	252,590
PB	4446,000	3291955,724	256,224
EC04	4451,207	3291954,366	262,995
PB	4454,264	3291946,844	275,477

Stormwater Schedule

Name	Y	X	Inlet	Invert	Outlet	Length	Grade	Type	Size	Invert	Crown Out	Cover	Inlet	Outlet
CP4	4495,947	3291993,913	195,458	195,018	0,942	19,628	14,401 %	1800 Concrete	600 mm	195,416	195,217	Define	0,0	0,000
MH2	4496,611	3291938,646	197,159	195,217	0,942	4,394	21,592 %	1800 Concrete	600 mm	195,217	194,103	Define	0,0	0,000
MH3	4495,949	3291942,878	195,833	194,193	0,942	1,550	31,198 %	1800 Concrete	600 mm	194,193	193,118	Define	0,0	0,000
MH4	4495,511	3291944,261	194,269	193,118	0,942	4,394	21,592 %	1800 Concrete	600 mm	193,118	191,995	Define	0,0	0,000
END-W	4442,472	3291995,479	192,237	191,995	0,942	90,907	21,592 %	1800 Concrete	600 mm	193,118		Define	0,0	0,000
CP2	4514,315	3291923,535	193,057	191,258	0,942	23,094	25,724 %	1800 Concrete	600 mm	191,258	195,317	Define	0,0	0,000
MH2	4496,611	3291938,646	197,159	195,217	0,942							Define	0,0	0,000

DRAUGHTING SYMBOLS

DETAIL	Proposed	Existing
CENTERLINE		
WATERMAIN DUCT		
TELKOM CABLE DUCT		
ELECTRIC CABLE DUCT		
ELECTRIC CABLES		
ELECTRIC LIGHT POLE	ELP	ELP
TRAFFIC SIGNAL	TS	TS
CONSUMER DISTRIB. UNIT	CDU	CDU
TELKOM CABLES	TELK	TELK
TELEPHONE POLE	TP	TP
NEOTEL CABLES	NEOT	NEOT
SEWER		SEWER
STORMWATER DRAIN	STORM	STORM
STORMWATER INLET		
SCOOP		
KERB AND CHANNEL		
EARTH EMBANKMENT		
WATERMAIN		
VALVE Valve / Air Valve	V / AV	V / AV
FIRE PLUG	FP	FP
STANDARD HYDRANT	SH	SH
EXISTING MH TO BE CONVERTED TO CATCHPIT		
EXISTING CATCHPIT TO BE CONVERTED TO MH		

FOR CONSTRUCTION

New Road Area ..... m²

Unsurfaced to Surfaced ..... km's

AS BUILT

Date ..... Sign .....

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

Rev ..... Engineer .....

NORTH POINT

UNDERGROUND SERVICES CHECKED

SERVICE	DATE	SIGNATURE
SEWERS		
WATER MAINS		
ELECTRICAL CABLES		
NEOTEL CABLES		
TELKOM CABLES		

NOTE:
Only existing found services affected by new construction were 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. Whenever possible these must be located before work proceeds.

1R-36459

Contract No

Project Title
INTULO WALK WARD41
TRACK TO SURFACE

Drawing Title
PLAN AND SETTING OUT

Scales	Reference

Designed	Date
LNJ CLOETE	APRIL 2026
Checked	Drawn in AllyWindows by
B.GOVENDER	LNJ CLOETE

Manager RD (N)

Div / RP

TJ Zulu — Head : Engineering

Drawing No	Sheet
36459	1 of 1 Sheets