



Water and Sanitation Unit
Survey Department
3 Halifax Road
Pinetown
3610

Co-ordinate List

Point Name	Y	X	Z	Description
Trig beacons, TSM's and Reference marks				
MASHU	+2131.67	+3293419.06	141.58	Platform beacon
G446	+1949.71	+3294494.85	121.81	Platform beacon
G447	+2546.69	+3294203.30	80.87	Platform beacon
ST7B	+2510.61	+3295010.44	85.03	16mm IPEG
ST7C	+2477.72	+3294346.21	85.03	16mm IPEG
ST7D	+2460.83	+3294370.35	78.84	16mm IPEG

Notes:

1. Survey based on WGS31°.
2. Height datum - mean sea level.
3. Contour interval 1m.
4. Cadastral boundary obtained from eThekweni GIS database.
5. Buried facilities and taps indicated by Newlands Research Site Technician.

Legend

- Valve
- Working point
- Gate
- Electric box
- Drain
- Tap
- Buried Electricity Supply
- Sewer and Stormwater Manhole
- Small tree
- Medium tree
- Banana tree
- Wire fence
- Dip irrigation system pipe
- Top kerb
- Bottom kerb
- Buried water supply
- Buried electricity supply
- Buried sewer pipeline
- Buried power supply
- Top bank
- Bottom bank
- GIS Cadastral boundary
- GIS Sewer Pipeline
- GIS Storm water Pipeline

Surveyed By :	MN and SP	Duration :	15/10/2013 - 22/10/2013
Drawn by :	MN and SP	Date :	17/11/2013
Supervisor :	JS	Date :	17/11/2013

Project Name:

Detail survey of Newlands Research Site
John Dory Drive, Newlands East

Scale: 1: 200 Sheet 1 of 1

Work Order Number:

Drawing Number : ST07 Rev: 0