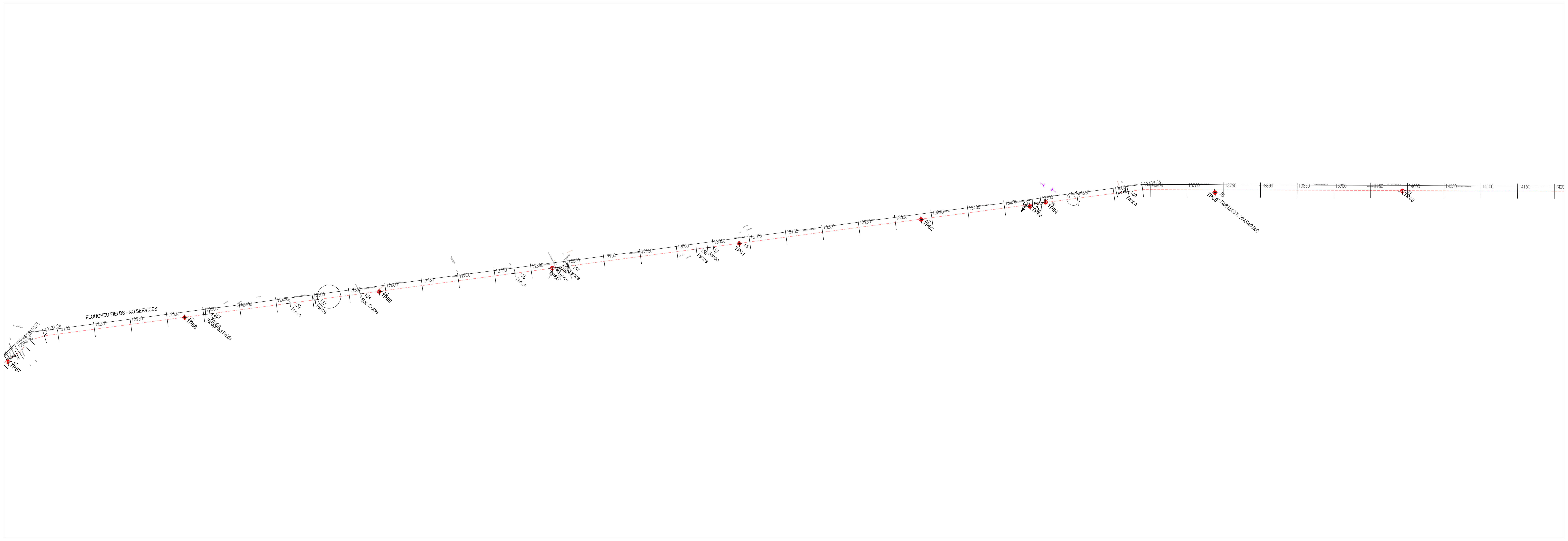

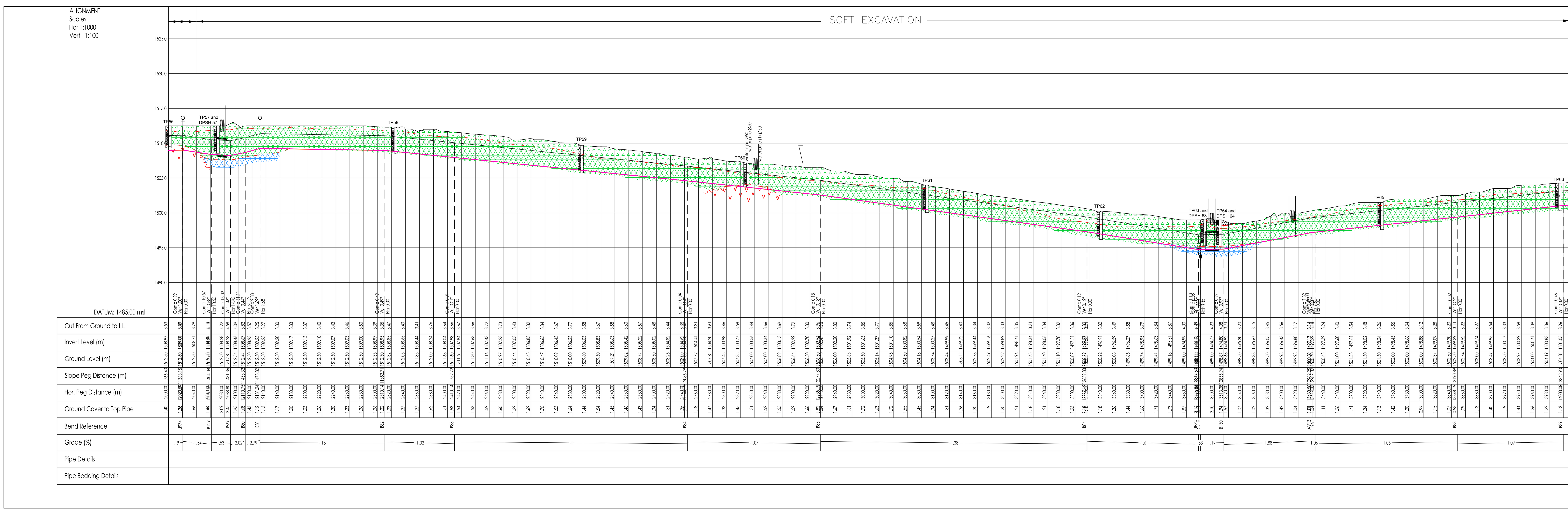

LEGEND

TEST PIT MATERIAL LEGEND

- PEDOGENIC MATERIAL
- COLLUVIUM
- ALLUVIUM
- RUBBLE
- RESIDUAL SOILS
- ANDESITE

INTERPRETATION BETWEEN BOREHOLES

- GEOLOGICAL BOUNDARY

EXCAVATABILITY:

- FILL
- PEDOGENIC MATERIAL : SOFT
- PEDOGENIC MATERIAL : HARD
- COLLUVIUM : SOFT
- ALLUVIUM : SOFT
- RESIDUAL SOILS : SOFT
- RESIDUAL SOILS : INTERMEDIATE
- ANDESITE : INTERMEDIATE
- ANDESITE : HARD

TRAIL PIT CO-ORDINATE LIST
WG 84 LO 29

TP NUMBER	Y	X
1	99526.000	2952393.000
2	99047.000	2952127.000
3	98881.000	2951898.000
4	98753.000	2951923.000
5	98540.000	2951971.000
6	98241.000	2952034.000
7	89825.000	2940714.000
8	89748.000	2940492.000
9	89662.000	2940253.000
10	89584.000	2940016.000
11	89560.000	2939949.000
12	98060.000	2952001.000
13	97769.000	2951963.000
14	97693.000	2951950.000
15	97437.000	2951918.000
16	97406.000	2951913.000
17	97161.000	2951868.000
18	96916.000	2951807.000
19	96669.000	2951752.000
20	96428.000	2951644.000
21	96211.000	2951534.000
22	96055.000	2951476.000
23	95997.000	2951462.000
24	95789.000	2951317.000
25	95686.000	2951205.000
26	95657.000	2951185.000
27	95459.000	2951012.000
28	95281.000	2950854.000
29	95119.000	2950716.000
30	94938.000	2950491.000
31	94781.000	2950291.000
32	94627.000	2950095.000
33	94474.000	2949897.000
34	94326.000	2949693.000
35	94239.000	2949432.000
36	94170.000	2949195.000
37	94066.000	2948993.000
38	94048.000	2948987.000
39	93807.000	2948896.000
40	93715.000	2948667.000
41	93623.000	2948430.000
42	93533.000	2948198.000

LEGEND LEGEND

- AIR VALVE WITHOUT ACCESS MANHOLE
- AIR VALVE WITH ACCESS M/H
- INLINE SLUICE VALVE
- INLINE BUTTERFLY VALVE
- SCOUR VALVE
- REFLUX VALVE
- PIPE JACKING
- PIPE BEND REFERENCE MARKER
- BEACON (BCN)
- PIPE LOCATOR TEST POINT (PLT)
- METER (METER No.)
- ELECTRIC POLE (EP)
- TELEPHONE POLE (TP)
- FENCE
- SURVEY STATION

CATHODIC PROTECTION LEGEND :

- EXISTING CROSS BOND FACILITY
- NEW CROSS BOND FACILITY
- NEW CP SYSTEM
- EXISTING CP SYSTEM
- ZINC RIBBON
- EARTH MAT

NOTES:

1. ALL PEGS ARE 12mm ROUND IRON PEGS ON CENTRE LINE OF PIPELINE.
2. HORIZONTAL BENDS ARE SQUARE PEGS
3. OVER HEAD ELECTRICAL PYLONS - BEWARE OF UNDERGROUND EARTH STRAPS AND CABLES BETWEEN PYLONS
4. ENSURE ACCESS TO PROPERTIES ARE AVAILABLE WHERE DRIVEWAYS ARE AFFECTED
5. FOR CONCRETE ENCASEMENT REFER TO CIVIL DRAWINGS ....
6. ALL ATTEMPTS ARE UNDERTAKEN BY THE SURVEYOR TO LOCATE ALL AFFECTED SERVICES ABOVE AND BELOW GROUND, SURFACE. IT IS OF UTMOST IMPORTANCE THAT THE CONTRACTOR TAKE THE NECESSARY PRECAUTIONS WHEN EXCAVATING IN THE VICINITY OF SERVICES.

REFERENCE DRAWINGS

Number	Description
RA 28366/04/1	Drawing Register
RA 28366/02/1	Servitude Drawing
RA 28366/03/1	Working Strip

REFERENCE DRAWINGS

REVISIONS

No	Date	checked	Approved	

RAND WATER

Box 1127
Johannesburg
2000
Tel: 011 682 -0911

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SAP No		P.A.M	A.NXUMALO
Contract No		D.O.M.	C.THUMBARE
Designed	D.KATSKY		
Drawn By	I.DAVIDS	Approved...Pr.Eng/Tech	
Surveyed By	----	Capacity..	
Checked By	D.KATSKY		
Date	DEC :2017	Date..	

ZUIKERBOSCH TO MAPLETON
B16 2300mmØ STEEL PIPELINE
ZUIKERBOSCH TO SLANGFONTEIN PORTION
B16 2100mmØ STEEL PIPELINE
PLAN AND SECTION
CH 12 000 - CH 14 000

station: B 1 6 | wks: 0 2 . . . . | doc.type: D C P | s

Scale: 2000

R028366/10/7

Revision 0

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