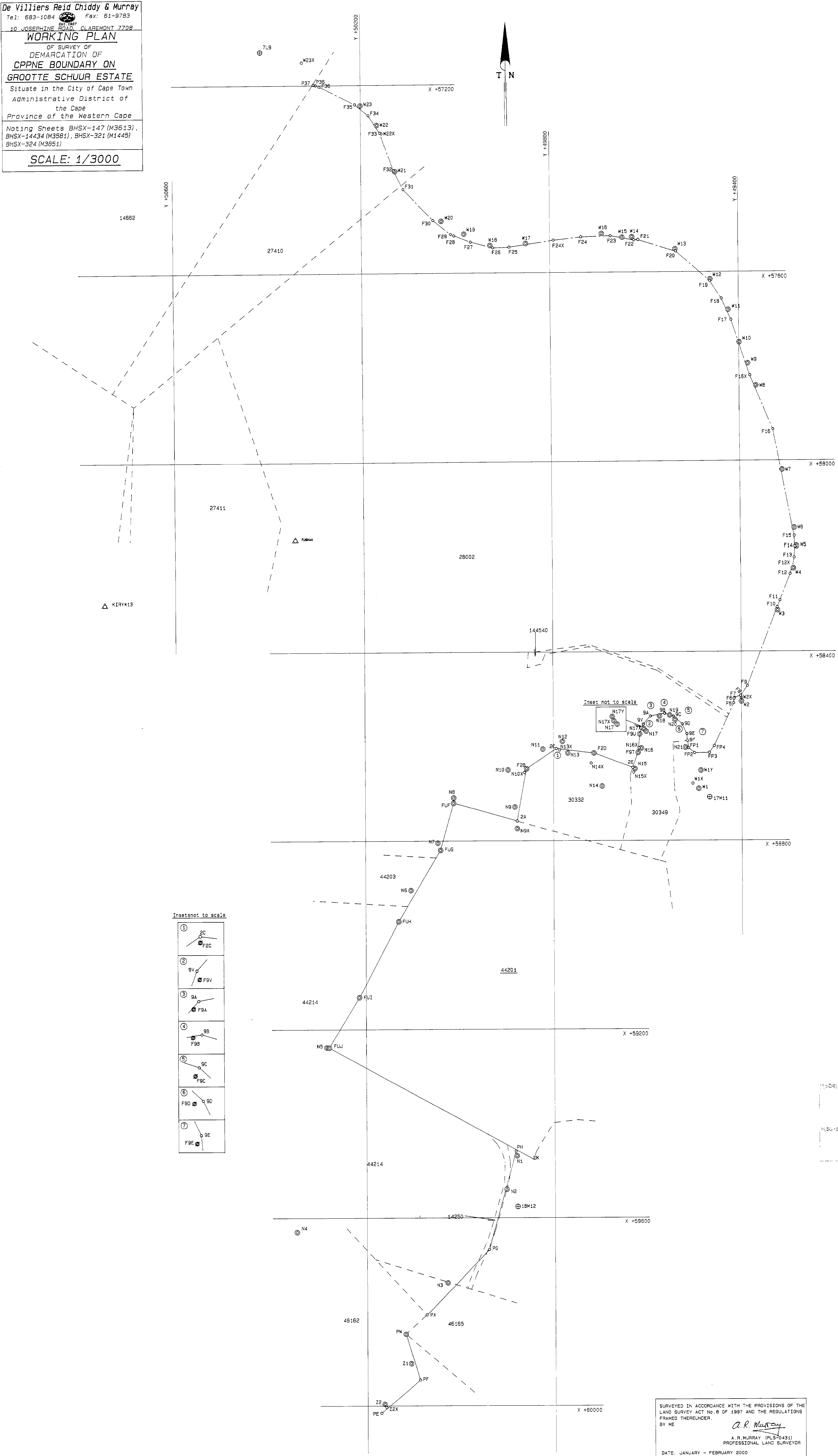


De Villiers Reid Chiddy & Murray  
Tel: 683-1084 Fax: 61-9783  
10 JOSEPHINE ROAD, CLAREMONT 7708

**WORKING PLAN**  
OF SURVEY OF  
DEMARCATON OF  
CPPNE BOUNDARY ON  
GROOTTE SCHUUR ESTATE  
Situate in the City of Cape Town  
Administrative District of  
the Cape  
Province of the Western Cape

Noting Sheets BHSX-147 (M3613),  
BHSX-14434 (M3581), BHSX-321 (M1445)  
BHSX-324 (M3851)

**SCALE: 1/3000**



## REPORT

This survey has been carried out to determine the section of the CPPNE boundary which crosses the Groote Schuur Estate, and point this boundary out to an official of the Cape Peninsula National Park.

Connection was made to the Trigonometrical Survey System by means of traversing between Town Survey Marks. Co-ordinates for sections of this boundary are given in Government Gazette No. 9056 of 10<sup>th</sup> February 1984. During the course of the fieldwork it was discovered that on the section between FP3 and F36 the co-ordinates given in the Gazette were within 0,5 metre of the existing fence on the boundary side of De Waal Drive, and it was decided to accept the fence line as the CPPNE boundary over this section. Between the points PH and PE the boundary was marked as per the Government Gazette.

As far as the boundary around the University of Cape Town is concerned, agreement with found beacons is good, (Calcs pg. 16 and 17) and the majority of beacons were accepted as found.

Along the boundaries of Erven 30332 and 30349 it was found that the boundary fence has been moved from the original survey position. Values for the beacons were re-computed by applying a mean correction of -0,09, -0,08 to values of S.R.E. 2266/71. The Cape Peninsula National Park preferred us to give them distances from the fence posts to the beacons, which I have done and used the fence posts as indicatory beacons from 9V → 9E.

Co-ordinates were converted from Lo19<sup>0</sup> to WGS 84 by using common Trigonometrical Survey Beacon Plum Pudding and Town Survey Marks 7L9, 17M11, 1L13, these all gave very good misclosures (Calcs pg. 15).

2A, 2C, 2E were replaced on values converted by - 0,09 and - 0,08 from S.R.E. 1858/70 (Calcs pg 18). S.R.E. 1858/70 and 2266/71 being on the same system of co-ordinates.

Survey Technician N. Zweig helped me with this survey.



**A.R. Murray (PLS - 0431)**  
**PROFESSIONAL LAND SURVEYOR**

E | 2000

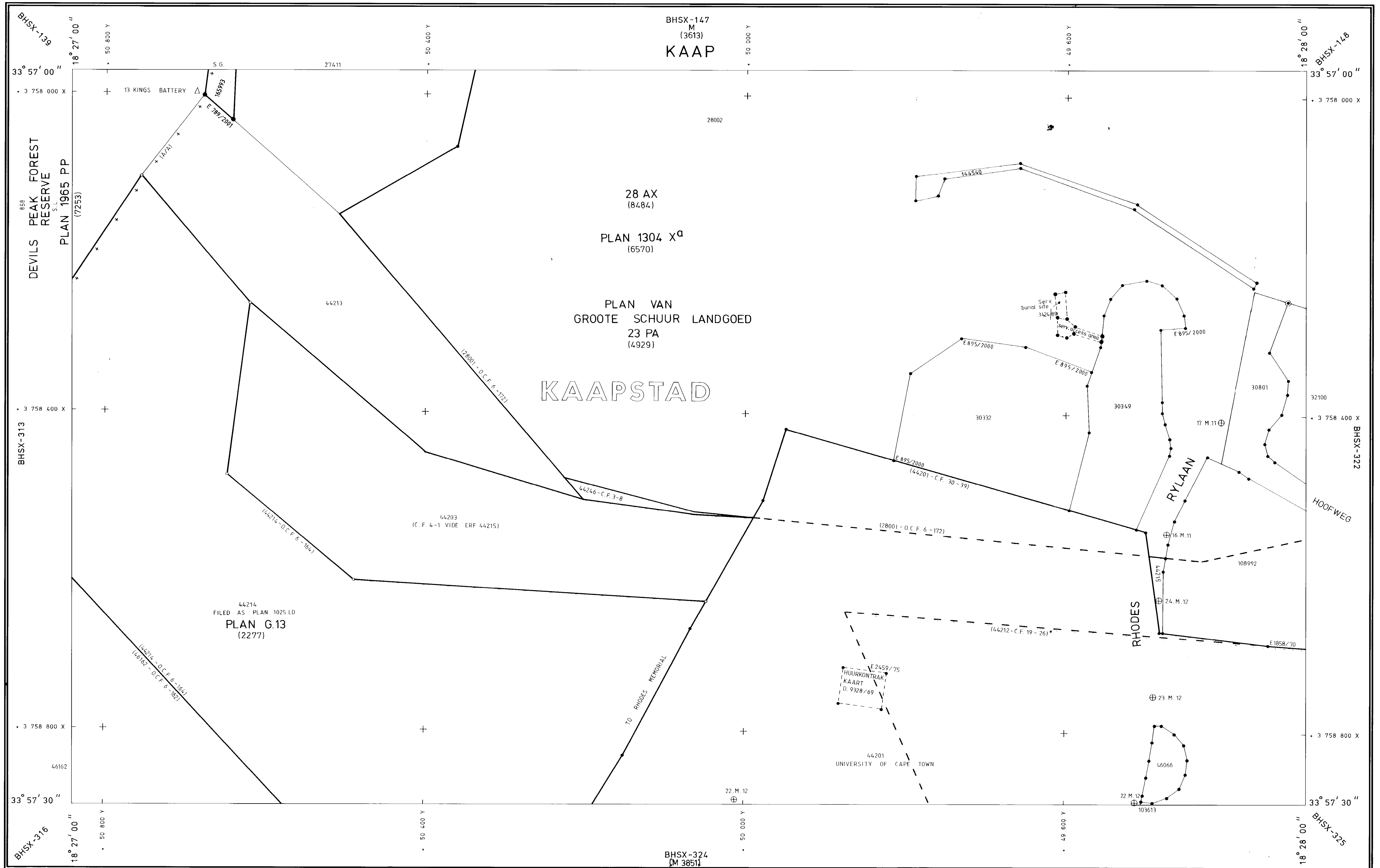
1 : 2000

TAFELBERG BLANK GROEPSGEBIED PROK 100/1002

KAAPSTAD

MUNISIPALITEIT

BHSX-321



SAAMGESTEL IN DIE KANTOOR VAN DIE LANDMETER - GENERAAL, KAAPSTAD 1986 D.A. PIETERSEN  
DRIEHOEKSMETINGVEL NO. 3318 L. WHILEY

SIMBOLE WAT SO AANGEDUI WORD:-  
● LO VASGESTELDE BAKENS  
⊙ GEVESTIGDE LO VASGESTELDE BAKENS  
⊖ BAKENS NIE OP LO  
⊙ GEVESTIGDE BAKENS NIE OP LO  
+ + + + TOEKENNINGS, MUNISIPALE, GROEPS, SWART GEBIEDE GRENSE  
..... VASGESTELDE GRENSE

BHSX-321

M  
1445

