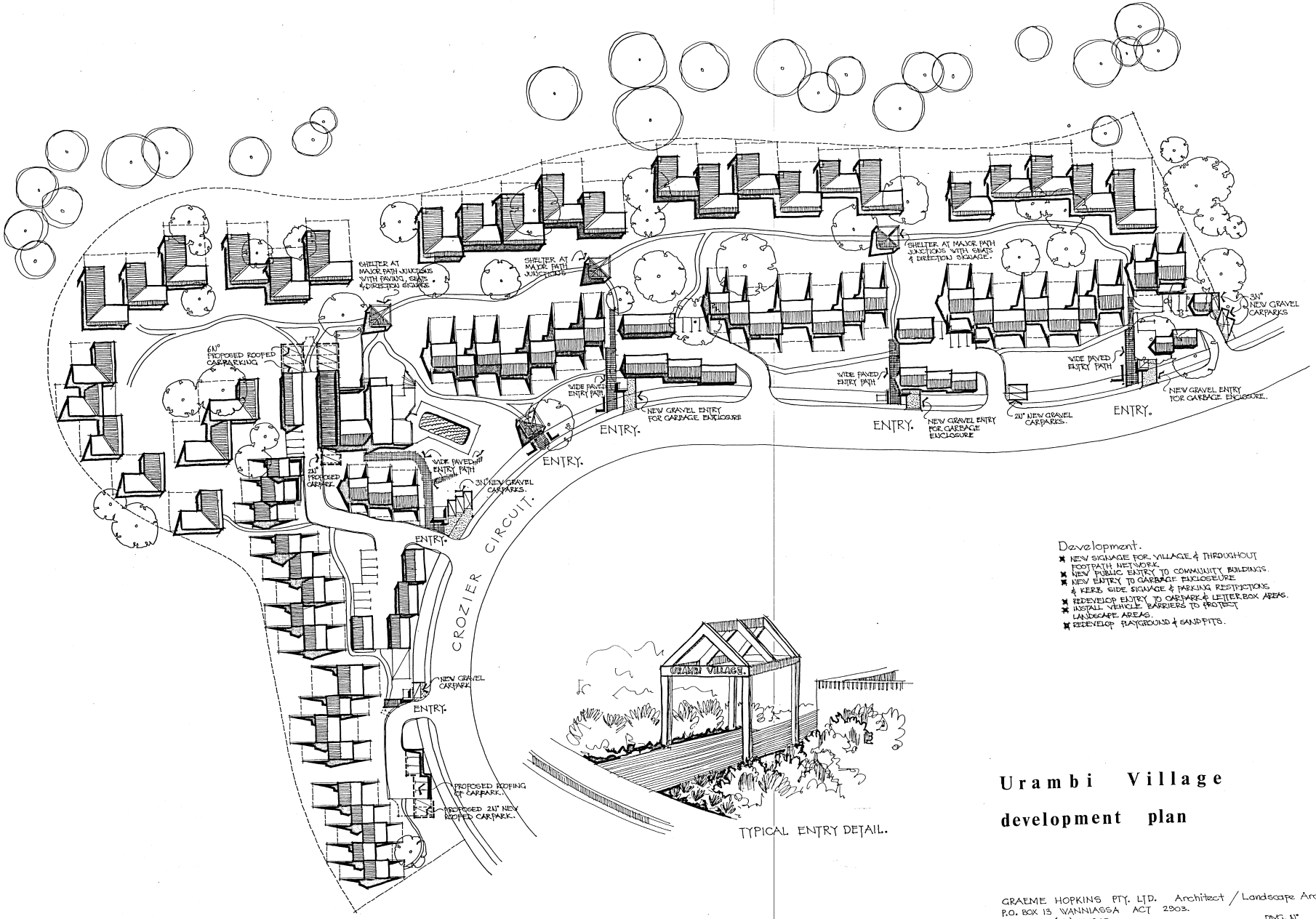


Development.

- NEW SIGNAGE FOR VILLAGE & THROUGHOUT FOOTPATH NETWORK.
- NEW PUBLIC ENTRY TO COMMUNITY BUILDINGS.
- NEW ENTRY TO GARBAGE ENCLOSURE & KERB SIDE SIGNAGE & PARKING RESTRICTIONS
- REDEVELOP ENTRY TO CARPARK & LETTER BOX AREAS.
- INSTALL VEHICLE BARRIERS TO PROTECT LANDSCAPE AREAS.
- REDEVELOP PLAYGROUND & SANDPITS.

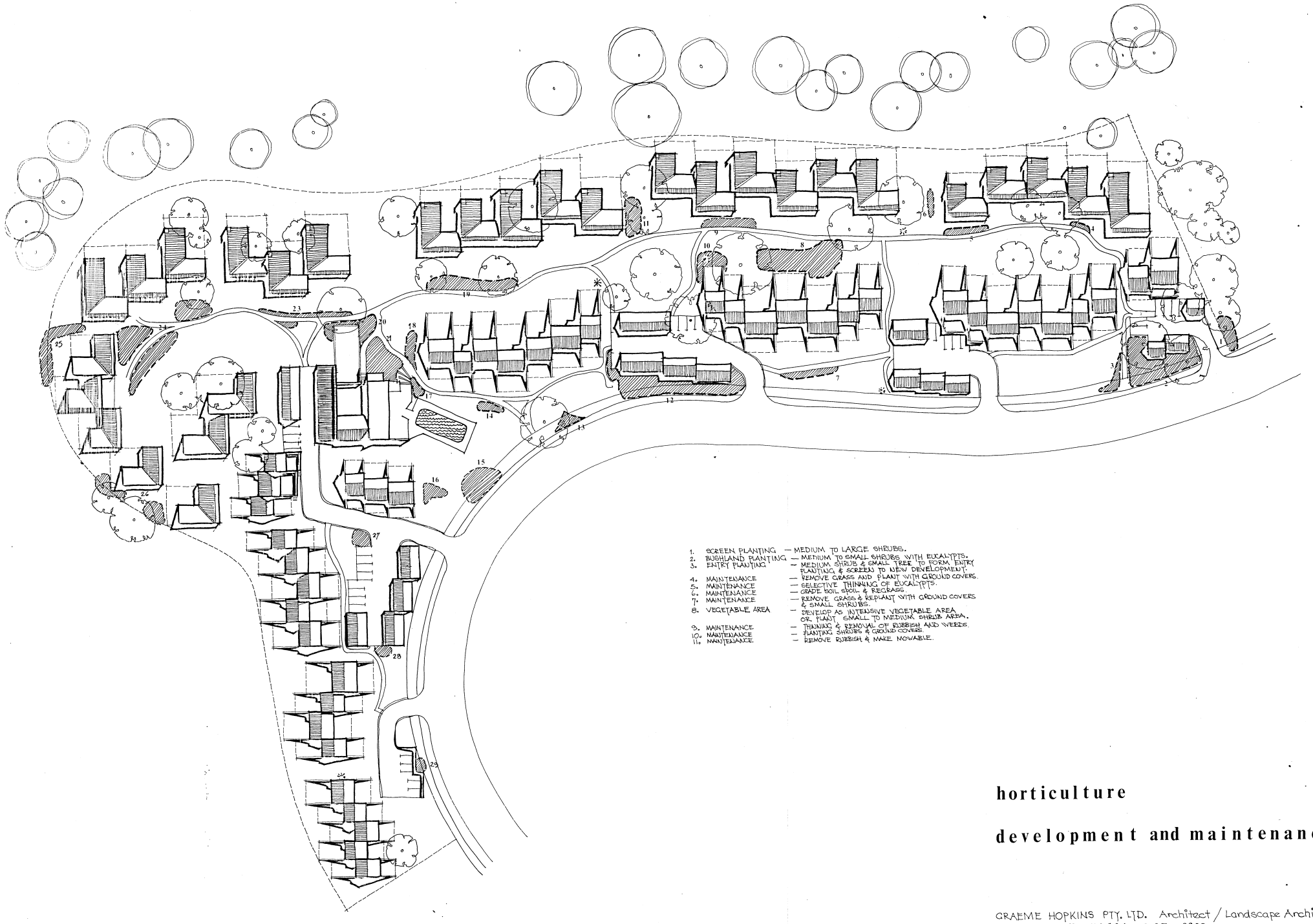
Urambi Village

development plan

GRAEME HOPKINS PTY. LTD. Architect / Landscape Architect.
P.O. BOX 13 WANNIASSA ACT 2903.
TELEPHONE (062) 315040

SCALE 1:500.

DWG. N°
GH.-05-1. A.



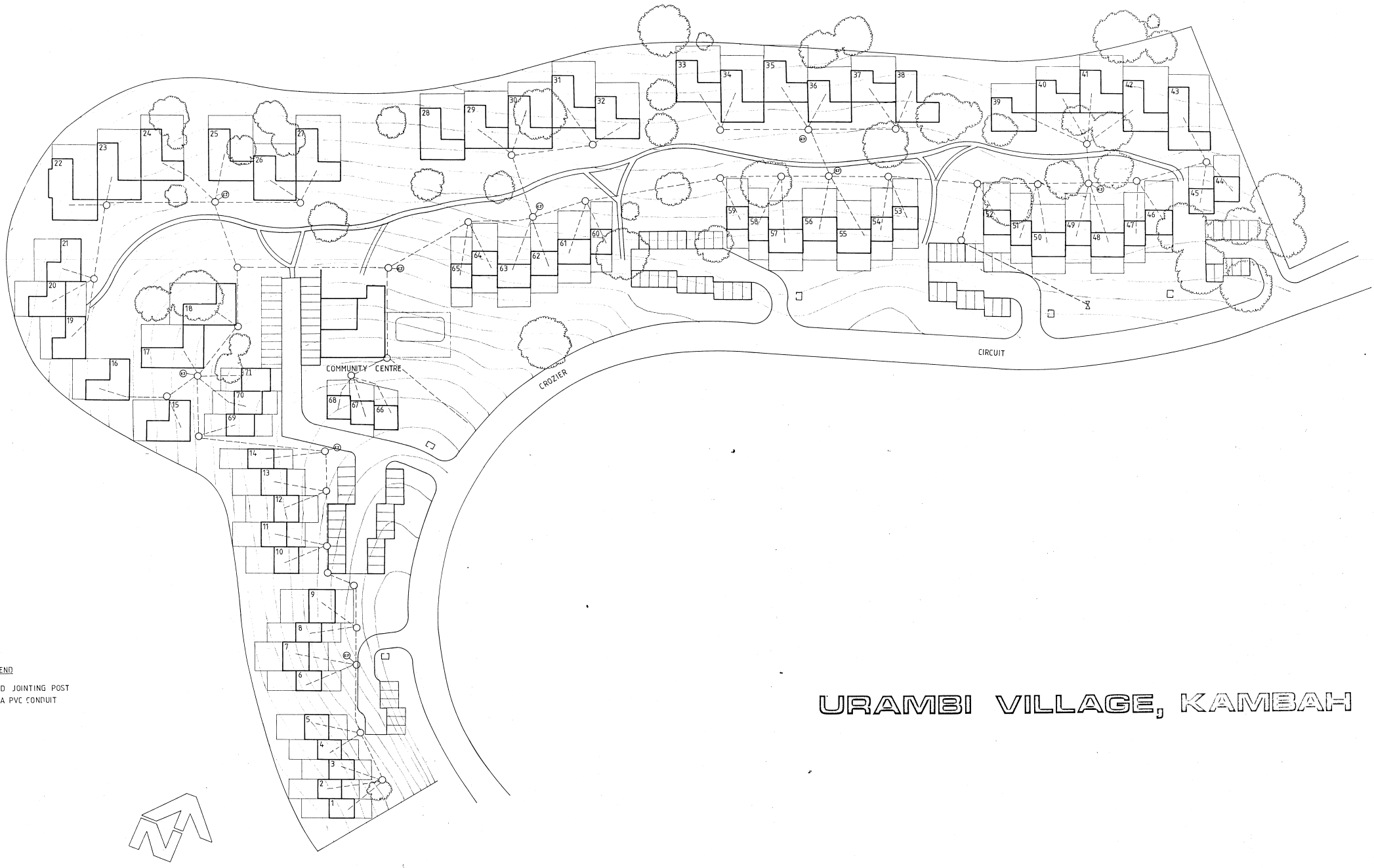
1. SCREEN PLANTING — MEDIUM TO LARGE SHRUBS.
2. BUSHLAND PLANTING — MEDIUM TO SMALL SHRUBS WITH EUCALYPTS.
3. ENTRY PLANTING — MEDIUM SHRUB & SMALL TREE TO FORM ENTRY PLANTING & SCREEN TO NEW DEVELOPMENT.
4. MAINTENANCE — REMOVE GRASS AND PLANT WITH GROUND COVERS.
5. MAINTENANCE — SELECTIVE THINNING OF EUCALYPTS.
6. MAINTENANCE — GRADE SOIL SPOIL & REGRASS.
7. MAINTENANCE — REMOVE GRASS & REPLANT WITH GROUND COVERS & SMALL SHRUBS.
8. VEGETABLE AREA — DEVELOP AS INTENSIVE VEGETABLE AREA OR PLANT SMALL TO MEDIUM SHRUB AREA.
9. MAINTENANCE — THINNING & REMOVAL OF RUBBISH AND WEEDS.
10. MAINTENANCE — PLANTING SHRUBS & GROUND COVERS.
11. MAINTENANCE — REMOVE RUBBISH & MAKE MOWABLE.

horticulture

development and maintenance

GRAEME HOPKINS PTY. LTD. Architect / Landscape Architect
P.O. BOX 13 WANNIASSA A.C.T. 2903
TELEPHONE (062) 315040
SCALE 1:500

DWG N°
GH-05-2.

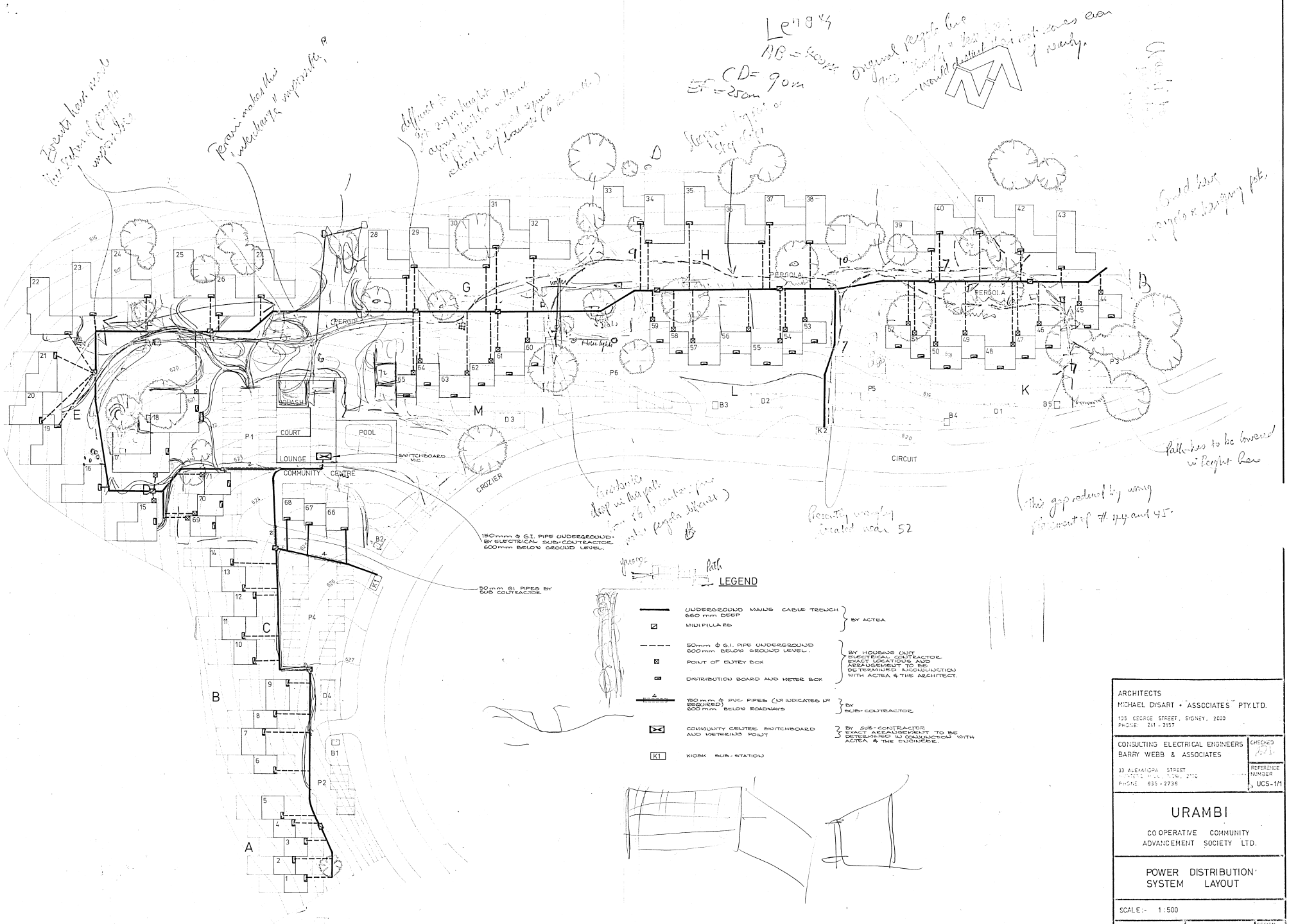


LEGEND

ELEVATED JOINTING POST

35mm DIA PVC CONDUIT

URAMBI VILLAGE, KAMBAH



ARCHITECTS
MICHAEL DYSART + ASSOCIATES PTY.LTD.
105 GEORGE STREET, SYDNEY, 2000
PHONE 241-2157

CONSULTING ELECTRICAL ENGINEERS
BARRY WEBB & ASSOCIATES
33 ALEXANDRA STREET
CHATSWOOD, N.S.W. 2067
PHONE 635-2736

CHECKED
REFERENCE NUMBER
UCS-1/1

URAMBI

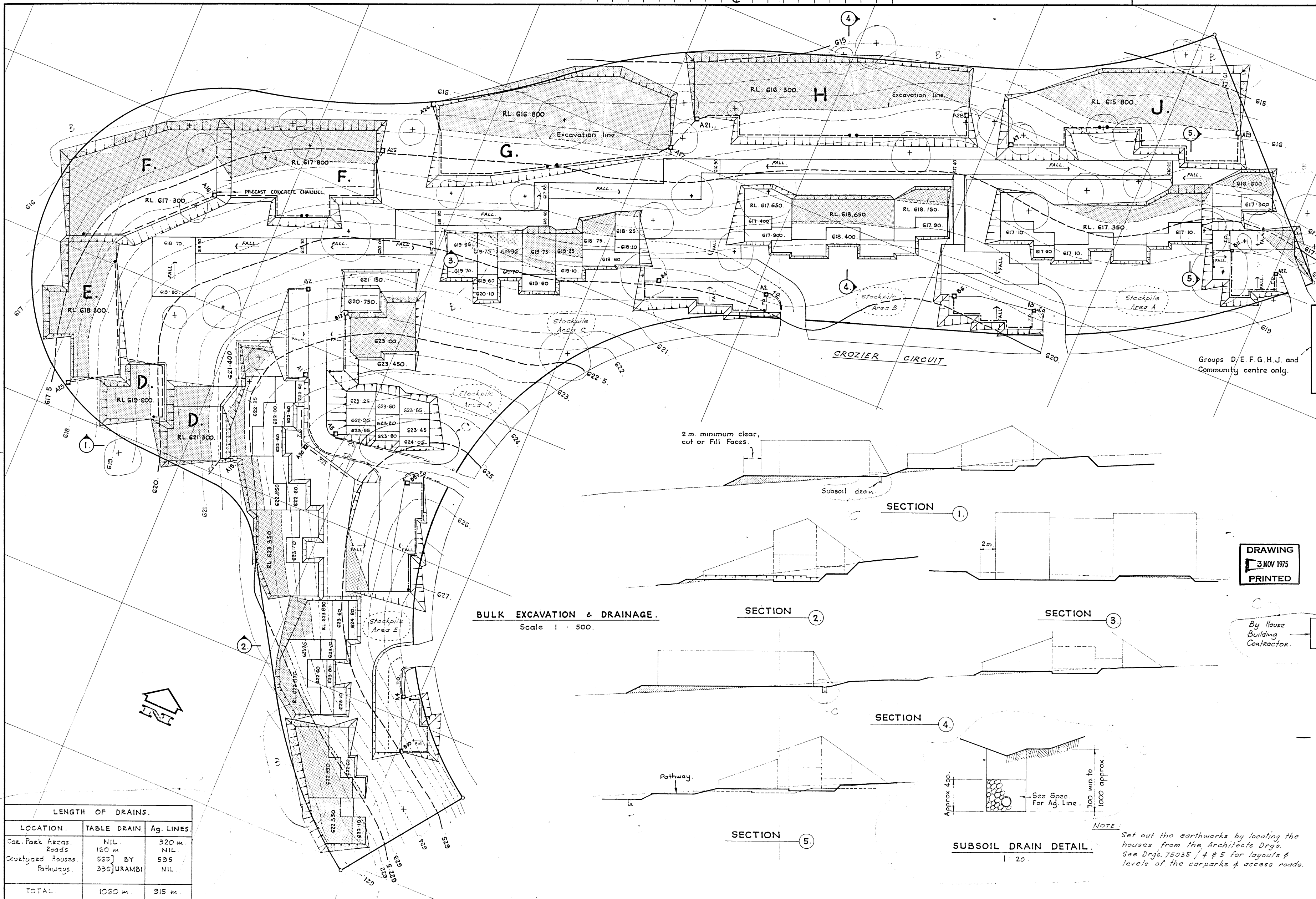
CO OPERATIVE COMMUNITY ADVANCEMENT SOCIETY LTD.

POWER DISTRIBUTION SYSTEM LAYOUT

SCALE:- 1:500

SHEET NUMBER 1
NUMBER IN SET 6
DESIGN V.C
TRACED

No	AMENDMENT	DATE



NOTE: Set out the earthworks by locating the houses from the Architects Drgs. See Drgs. 75035/4 & 5 for layouts & levels of the carparks & access roads.

LENGTH OF DRAINS.		
LOCATION.	TABLE DRAIN	Ag. LINES.
Car. Park Areas.	NIL.	320 m.
Roads	160 m	NIL.
Courtyard Houses.	565 } BY	595
Pathways.	335 } URAMBI	NIL.
TOTAL.	1060 m.	915 m.

JOB NUMBER: 75035.

NOTES.

BATTERS.

1. Permanent Cut Banks are 1 : 4.
2. Temporary Cut Banks are as req'd.
3. Permanent Fill Banks are 1 : 2.
4. Fill areas are shown thus -
5. All set out dimensions and RL's. are given in metres.
6. All steps indicated as vertical are cut on a 1 : 1 batter.

Table Drain & 100 dia. Ag. pipe (Min. fall 1%.)

100 ϕ Ag. Lines only (Min. fall 1%.)

Table Drain only T.D. (Min. fall 1%.)

Rodding Point

- Compact all cut surfaces to 95% Modified Compaction Density. (M.C.D.)
- Prior to placement of fill materials compact the stripped surface to 95% of M.C.D.
- Compact fill material in horizontal layers (maximum thickness 0·2m) to 95% of M.C.D. (For raft foundations only)
- Compacted fills extend 2m. beyond the building lines.

Stock Pile Areas:- Stockpile subsoil & topsoil separately.

- Do not use clays & sandy clays of medium to high plasticity as fill.
- Excavations may be modified in the field with the approval of the Site Superintendant.

Existing trees are indicated +

- Major roots of existing trees shown on this drg. must not be cut except with approval of the Site Superintendant.
- For a description of the site materials see Coffey & Hollingsworth Report No. C1316 dated May 22 1975.
- Fill material in split level Building Areas to be compacted to 85% (M.C.D.)
- 100 Ag drains behind all R.W.'s on Split level houses. Discharge into nearest stormwater pit down the Line

No.	REVISION.	APP'D.	DATE.
C.	Subsoil drainage clarified.		31/10/75
B.	Fill in areas A. F. H. J. altered. House 72 excavation added. Houses 44, 45 RL's altered		15/10/75
A.	Compacted areas identified.		2/10/75

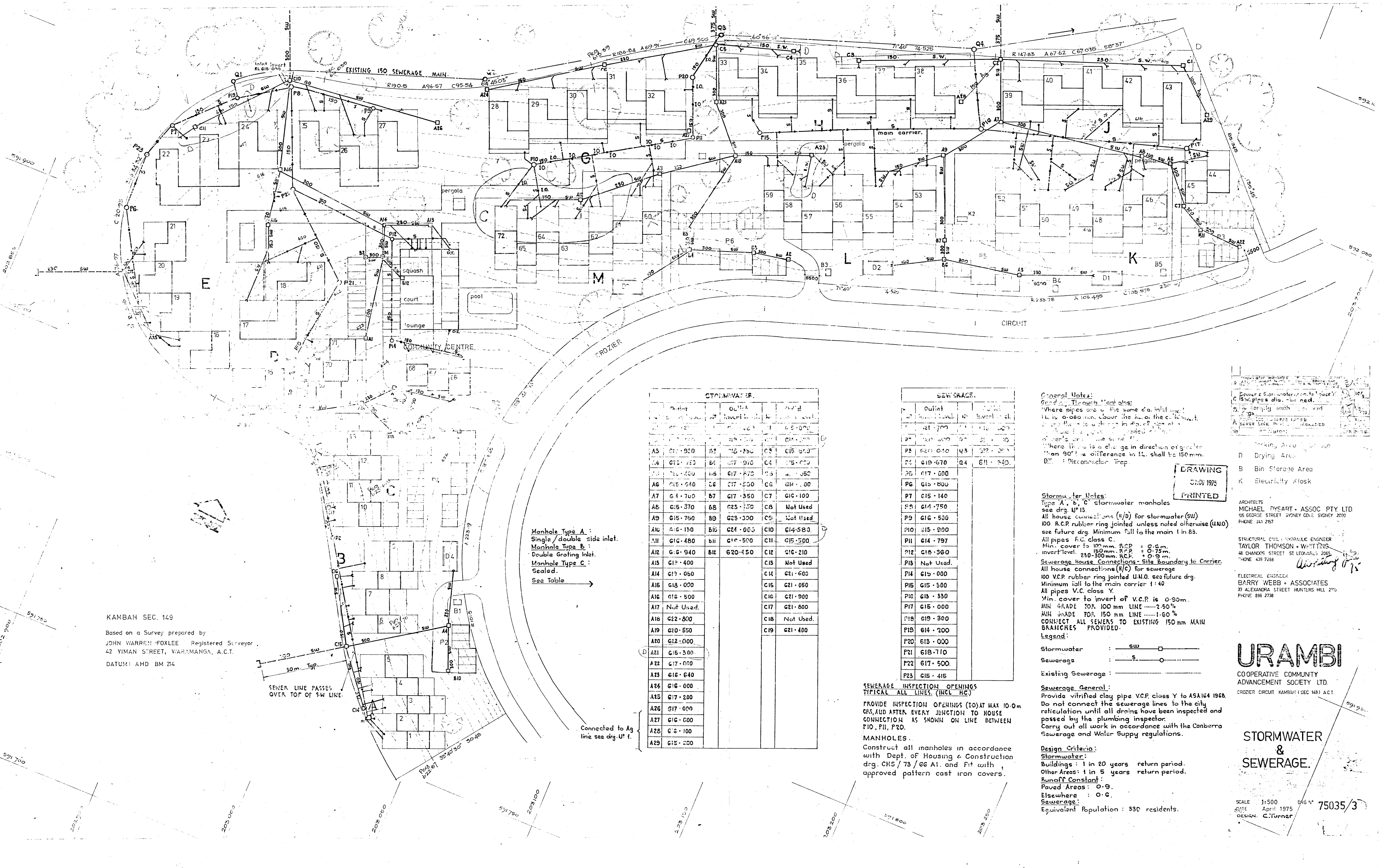
ARCHITECTS.
MICHAEL DYSART + ASSOCIATES Pty Ltd.
105 George St. SYDNEY COVE. SYDNEY 2000. 241·2457.

PROJECT
URAMBI
COOPERATIVE COMMUNITY ADVANCEMENT SOCIETY LTD.
CROZIER CIRCUIT KAMBAH SEC.149 A.C.T.

SHEET SUBJECT
BULK EXCAVATION & DRAINAGE.
1 : 500.

TAYLOR THOMSON WHITTING
Consulting Engineers, 43 Chandos Street, St. Leonards, N.S.W. 437 7..

DESIGN C Turner | DRAWN A. Bullen. DATE May '75
CHECKED | APPROVED
NUMBER IN SET 15 | DRAWING NUMBER 75035/7 C



KAMBAH SEC. 149

Based on a Survey prepared by
JOHN WARREN FOXLEE Registered Surveyor
42 YIMAN STREET, WARAMANGA, A.C.T.

DATUM: AHD BM 214

Manhole Type A: Single / double side inlet.
Manhole Type B: Double Grating Inlet.
Manhole Type C: Sealed.
See Table

STORMWATER.					
Nº	Outlet Invert Level	Nº	Outlet Invert Level	Nº	Outlet Invert Level
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	615·000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	614·[illegible]
A3	61[illegible]·920	B3	[illegible]18·350	C3	615·500
A4	62[illegible]·750	B4	617·970	C4	[illegible]15·000
A5	[illegible]·400	B5	617·870	C5	[illegible]·050
A6	615·640	B6	617·500	C6	614·[illegible]00
A7	614·700	B7	617·350	C7	616·100
A8	615·370	B8	623·[illegible]50	C8	Not Used
A9	615·750	B9	623·300	C9	Not Used
A10	616·130	B10	624·000	C10	614·580
A11	616·480	B11	61[illegible]·500	C11	615·500
A12	616·940	B12	620·450	C12	616·210
A13	61[illegible]·400			C13	Not Used
A14	619·050			C14	621·600
A15	618·000			C15	621·050
A16	616·500			C16	621·900
A17	Not Used.			C17	621·800
A18	622·800			C18	Not Used.
A19	620·550			C19	621·400
A20	622·000				
A21	615·300				
A22	617·000				
A23	616·640				
A24	616·000				
A25	617·200				
A26	617·000				
A27	616·000				
A28	616·100				
A29	615·000				

Connected to Ag line see drg. Nº 1. (A27–A29)

SEWERAGE.			
Nº	Outlet Invert Level	Nº	Outlet Invert Level
[illegible]	621·700	[illegible]	[illegible]·[illegible]
P2	[illegible]·600	Q2	[illegible]·[illegible]10
P3	620·040	Q3	612·[illegible]
P4	619·670	Q4	611·340.
P5	617·000		
P6	615·800		
P7	615·140		
P8	614·750		
P9	616·500		
P10	615·900		
P11	614·797		
P12	618·360		
P13	Not Used.		
P14	615·000		
P15	615·500		
P16	613·330		
P17	615·000		
P18	619·300		
P19	614·200		
P20	613·000		
P21	618·710		
P22	617·500.		
P23	615·415		

SEWERAGE INSPECTION OPENINGS TYPICAL ALL LINES. (INCL H.C.)

PROVIDE INSPECTION OPENINGS (I.O) AT MAX 10·0m CRS, AND AFTER EVERY JUNCTION TO HOUSE CONNECTION AS SHOWN ON LINE BETWEEN P10, P11, P20.

MANHOLES.

Construct all manholes in accordance with Dept. of Housing & Construction drg. CHS / 73 / 66 A1. and Fit with approved pattern cast iron covers.

General Notes:

Grading Through Manholes:

Where pipes are of the same dia. inlet invert I.L. is 0·050 mm. above the I.L. of the outlet invert. [illegible]

Where there is a change in direction of greater than 90° the difference in I.L. shall be 150 mm.

D.T. : Disconnector Trap.

DRAWING 3 NOV 1975 PRINTED

Stormwater Notes:

Type 'A', 'B', 'C' stormwater manholes see drg. Nº 13.

All house connections (H/D) for stormwater (SW) 100 R.C.P. rubber ring jointed unless noted otherwise (U.N.O) see future drg. Minimum fall to the main 1 in 83.

All pipes R.C. class C.

Min. cover to invert level. 100 mm. R.C.P = 0·6 m. 150 mm. R.C.P = 0·75 m. 230-300 mm. R.C.P. = 0·9 m.

Sewerage House Connections - Site Boundary to Carrier.

All house connections (H/C) for sewerage 100 V.C.P. rubber ring jointed U.N.O. see future drg.

Minimum fall to the main carrier 1 : 40

All pipes V.C. class Y.

Min. cover to invert of V.C.P. is 0·90 m.

MIN GRADE FOR 100 mm LINE .... 2·50 %

MIN GRADE FOR 150 mm LINE .... 1·60 %

CONNECT ALL SEWERS TO EXISTING 150 mm MAIN BRANCHES PROVIDED.

Legend:

Stormwater : ——SW——□——

Sewerage : ——S——○——

Existing Sewerage : ————

Sewerage General:

Provide vitrified clay pipe V.C.P. class Y to ASA164 1968.

Do not connect the sewerage lines to the city reticulation until all drains have been inspected and passed by the plumbing inspector.

Carry out all work in accordance with the Canberra Sewerage and Water Suppy regulations.

Design Criteria:

Stormwater:

Buildings : 1 in 20 years return period.

Other Areas: 1 in 5 years return period.

Runoff Constant:

Paved Areas : 0·9.

Elsewhere : 0·6.

Sewerage:

Equivalent Population : 330 residents.

No	REVISION	APP.	DATE
D	Stormwater manholes [illegible] invert levels [illegible] sewerage line [illegible]	[illegible]	[illegible]
C	Sewer & Stormwater conn. to house [illegible] S.W. pipes dia. changed.	[illegible]	10/9/[illegible]
B	To comply with [illegible] drgs.	[illegible]	[illegible] 75
A	[illegible] SEWER LINE [illegible]	[illegible]	[illegible]

[illegible] Parking Area [illegible]
D Drying Area
B Bin Storage Area
K Electricity Kiosk

ARCHITECTS
MICHAEL DYSART + ASSOC PTY LTD
105 GEORGE STREET SYDNEY COVE SYDNEY 2000
PHONE 241 2157

STRUCTURAL CIVIL + HYDRAULIC ENGINEER
TAYLOR THOMSON + WHITTING
48 CHANDOS STREET ST LEONARDS 2065
PHONE 439 7288

ELECTRICAL ENGINEER
BARRY WEBB + ASSOCIATES
33 ALEXANDRA STREET HUNTERS HILL 2110
PHONE 896 2738

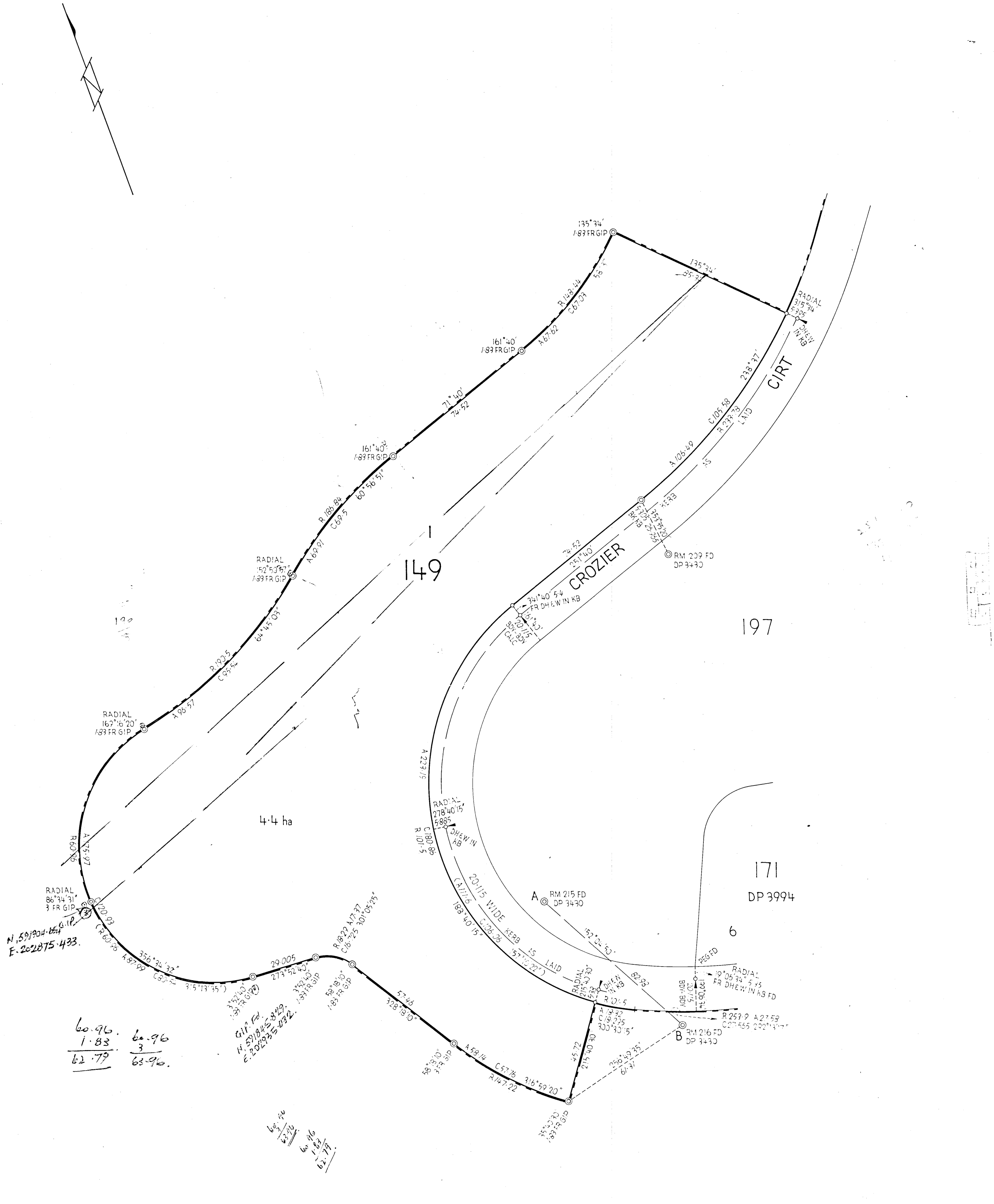
URAMBI

COOPERATIVE COMMUNITY ADVANCEMENT SOCIETY LTD.

CROZIER CIRCUIT KAMBAH (SEC 149) A.C.T.

STORMWATER & SEWERAGE.

SCALE 1:500
DATE April 1975
DESIGN. C.Turner
DRG Nº 75035/3



REFERENCE MARKS

◎ Denotes G.I.P. in road 1·83 radially from T.P.

~~" C.B. " " 1·83 " " T.P.~~

(Except as otherwise shown)

Azimuth: A-B (Strom)

I, ROY BISHOP of CANBERRA a surveyor registered under the Surveyors Ordinance 1967-1975 hereby certify that the survey represented on this plan is accurate and has been made ~~(1) by me~~ (2) under my immediate supervision in accordance with Survey Practice Directions 1972 and was completed on 7 JANUARY 1976

(Signature) ....

Surveyor registered under the Surveyors Ordinance 1967-1975.

I certify that this plan is the plan prepared in accordance with Section 6 of the Districts Ordinance 1966 1967.

16.1.76

Commonwealth Surveyor-General / Surveyor-General for Australia

PLAN OF

BLOCK 1, SECTION 149

DIVISION: KAMBAH

DISTRICT: CANBERRA CITY

AUSTRALIAN CAPITAL TERRITORY

SCALE 1:1000

Field Books: K7712 — 0 10 20 30 40 50 60 METRES — 71/0071

Deposited in the office of the Registrar of Titles at Canberra in the Australian Capital Territory the twenty first day of January 1976 at 10 minutes past two o'clock in the after noon

Approved

Registrar of Titles.

DEPOSITED PLAN

4193