

SAPAKILEI ROAD SURVEY  
BOOK I < SS-13-7 TO 97  
PP-A TO J AND T

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SURVEY NOTES: SS-13-7 TO 90, 93 TO 97, AND PP-A TO J AND T  
SAPPAALIE ROAD SURVEY / SAVAII, WESTERN SAMOA / BOOK I  
3.9.76 - 21.12.76

SAPAPALI'I PLANTATION ROAD Survey

FAASALELEAGA DISTRICT  
SAVA'EI, WESTERN SAMOA

BOOK I :

SURVEY NOTES 3.9.76 TO 21.12.76

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# SAPAPALII ROAD MAP

45 From MN / 1 PACE  $\approx$  1.8m

3.9.76

## PART I

POINT	$\angle$	PACES	METERS
A (PAUCAA ROAD)	300°	33	60
B	280	32	58
C	270	46	83
D	260	20	36
E	270	33	60
F	290	28	50
G	285	28	50
H	290	62	112
I	280	27	49
J	265	65	117
K	275	40	72
L	295	21	38
M	310	86	154
N	305	61	110
O	325	22	40
P	320	50	90
Q	315	27	49
R	290	22	40
S	285	25	45
T	290	25	45
U	280	32	58
V	285	68	122

## PART II

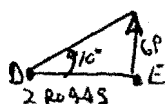
POINT	$\angle$	PACES	METERS
W	275	26	47
X	255	55	100
Y	265	20	36
Z	275	44	79
A'	305	28	50
B'	280	12	22
C'	270	20	36
D'	275	20 (RISE) 44	36 79
E'	290	78	140
F'	305	41	74
G'	285	26 (RISE) (TO S)	47
H'	275	63	114
I'	295	36	54
J'	270	6 (RISE) (9 Paces)	11
K'		17	31
L'	280	20	36
M'	265	20	36
N'	260	26	50
O'	270	30 (RISE) (TO N) ELW. RD. 90	54 164
	255	32	58

SAPARALII ROAD MAP (CONT.)

POINT	Δ	PACES	METERS
P'	285	16 (SS-SP-12)	29
Q'	310	31	56
R'	285	16	29
S'	270	49 (RISE)	88
		75	135
T'	245	24	43
U'	240	23	41
V'	245	40	72
W'	265	25	45
X'	270	140	252
Y'	285	66	118
Z'	280	67	120
A''	275	35	63
B''	265	10	18
C''	270	98	176
D''	245	32	57
E''	265	55	100
F''	275	43	77
G''	260	28	50
H''	250	14 (RISE)	25
		24	43
I''	275	24 (mod. house)	43
J''	270	68	122
K''	285	44	79

POINT	Δ	PACES	METERS
L''	275	65	117
M''	250	29	52
N''	260	21	38
O''	255	16	29
P''	260	29 (TUGUAY RD.)	52
		38	68
Q''	255	25 (RISE)	45
		51	92
R''	280	41	74
S''	260	62	112
T''	270	56	101
U''	255	33	59
V''	270	35	63
W''	255	32	58
X''	270	75 (RISE)	135
Y''	240	42 (RISE)	76
Z''	265	32	58
A <sup>x</sup>	285	40	72
B <sup>y</sup>	275	33 (RISE)	59
C <sup>x</sup>	280	28 (RISE)	50
		90 (RISE)	164
D <sup>x</sup>	265	29 (RISE)	52
E <sup>x</sup>	275	42 (RISE)	76
F <sup>x</sup> (FALLING TREE)	END OF SURVEY	3.9.76	

PT III



## SITE SURVEY DATA

### PLATFORMS & MOUNDS

- NUMBER / DATE
- 1- TYPE OF SITE (<sup>TYPE, MATERIAL,</sup> SHAPE, SIZE, HEIGHT) [VERBAL]
  - 2- SIZE / HEIGHT [METRE]  
(LENGTH & WIDTH)
  - 3- FORM - FACING / SLOPE
    - MATERIAL (EARTH, STONE, ETC; STRAW WOVEN STONE, RAUGH STONE, ETC.)
    - PAINTING ('MAA' MA'A', 'ILILI')
    - CURBING
    - RAMPS (ENTRANCE)
  - 4- CONDITION
  - 5- ORIENTATION / LOCATION
  - 6- TERRAIN
  - 7- VEL. (SITE, SURR. AREA)
  - 8- ASSOC MATERIALS
  - 9- OWNER, VILLAGE / INFORMANT, (AGE) ...
  - 10- AGE OF SITE
  - 11- COMMENTS
  - 12- PHOTOS

### WALLS, WALKWAYS & ROADWAYS

- NUMBER / DATE
- 1- TYPE
  - 2- WIDTH / HEIGHT (LENGTH) DRAWING OF CROSSSECTION
  - 3- CONSTRUCTION
  - 4- COMMENTS (CONDITION, ASSOCIATED MATERIALS, PHOTOS)
- (OTHER INFORMATION AVAILABLE FROM PLATFORM & MOUND ASPECTS)
- (CONT. ON BACK)



## POSSIBLE PLATFORMS

LETTER/DATE

- 1- FORM (HEIGHT, SHAPE)
- 2- SIZE / HEIGHT  
W x L
- 3- CONSTRUCTION (MATERIALS, SIZE, ETC.)
- 4- COMMENTS (CONDITION, VEGETATION, ETC.)

# SITE SURVEY

SS-13-7 / 6.9.76

- 1- SMALL OVAL (?) STONE PLATFORM OF MEDIUM HEIGHT
- 2- 9m (S. EDGE) X 9m (W. EDGE) /  $\frac{1}{2}$  m HIGH ON S.
- 3- S. EDGE IRREGULARLY SHAPED

4- W & N EDGES V. WORN AND UNDEFINED, NOT FACED. <sup>TOP</sup>  
DIFFICULT TO TELL WHERE PLATFORM ENDS, BOLDY ERODES ALONG EDGE, AT TIMES

5- (SEE <sup>SKETCH</sup> MAP) / BTWN S & K ON SP. RD. MAP, N SIDE OF RD  $\rightarrow$  14m.

6 & 7 - SURROUNDING AREA RELATIVELY FLAT COCOA & COCONUT PLANTATION, AREA ALSO VERY ROCKY

Veg. ON SITE LOW FERNS & WEEDS (REMOVES FOR PHOTO)

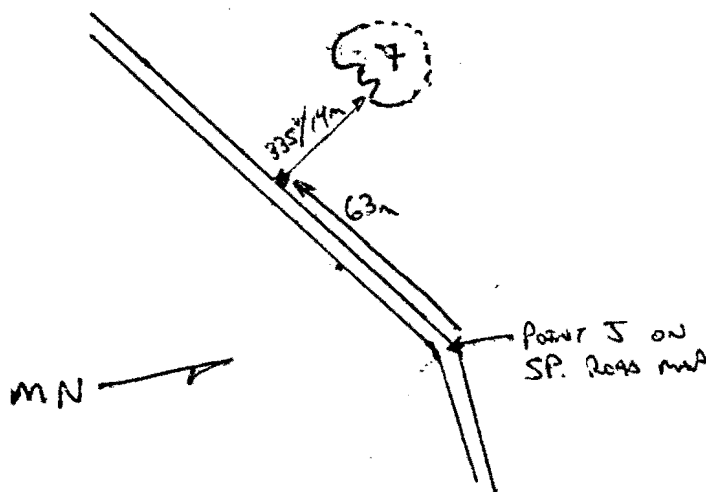
8- VEGETABLES STONE WALL (40cm. HIGH) 7m. WEST OF SITE  
RUNNING CA. N. to S.

9- OAVA OTAFALE, SAPAPALII / NONE

10- UNKNOWN

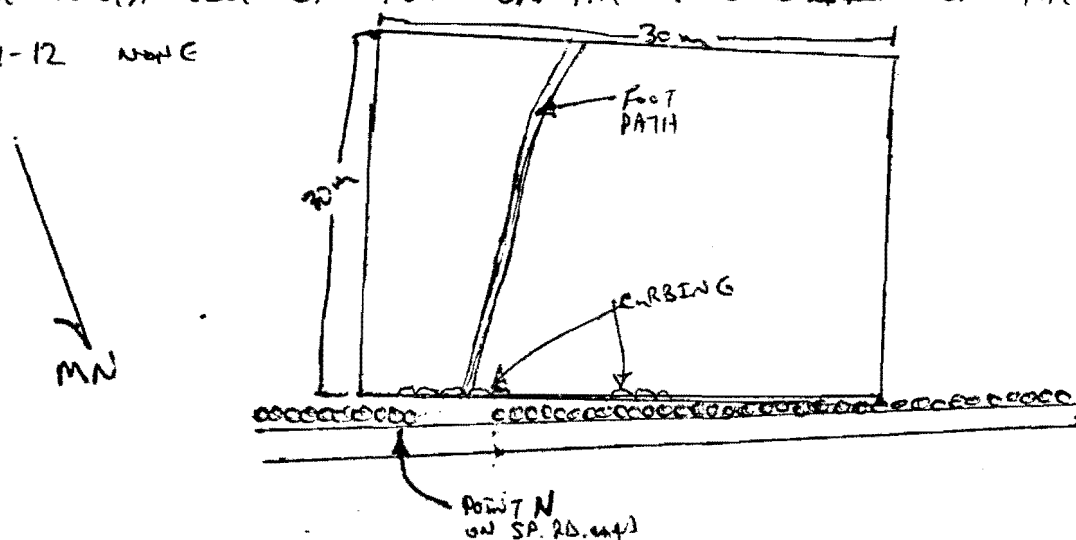
11- NONE

12- ROLL 1, #3 FROM  $\frac{1}{2}$  WAY BTWN ROAD AND PLATFORM LOOKING N  
(BTWN) 1



SS-13-8 / 6.9.76

- 1- LOW, LARGE STONE PLATFORM (SQUARE?)
- 2- CA. 30 m X 30 m (EXACT EXTENT DIFF. TO DETERMINE) / 20 cm. HIGH  
AT NE CORNER BUT LOWER (<10 cm) ALONG MOST OF EDGE
- 3- SQUARE(?), CURBED w/ ~~LEG~~<sup>FLAT</sup> STONE AND FILLED  
w/ MED SIZED AND SMALLER STONES. -
- 4- EXACT EXTENT & CONDITION OF SITE DIFF. TO DETERMINE  
AS SITE WAS THICKLY COVERED w/ BRUSH & FERNS
- 5- (SEE SKETCH MAP) / ON S. SIDE OF ROAD BTWN N & O ON SP. RD. MAP
- 6-7- FLAT, COCONUT PLANTATION COVERS w/ UNDERGROWTH  
OF BRUSH & FERNS - PANDANUS ALONG N. CENTER SIDE OF PLATFORM
- 8- MODERN PLANT. ROAD ALONG N. SIDE SEPARATES FROM  
SITE BY MEDIAN, <sup>(20-30 cm HIGH)</sup> ER~~OS~~ STONE WALL - MODERN FOOT  
PATH CROSSES E END OF SITE.
- 9- SAVEA SETU, SAPAPALII / NONE
- 10- POSSIBLY HISTORIC AS SOME HYALISSES WAS FOUND GROWING ON  
THE SOUTH SIDE OF ROAD ON THE NW END OF THE PLATFORM
- 11-12 NONE

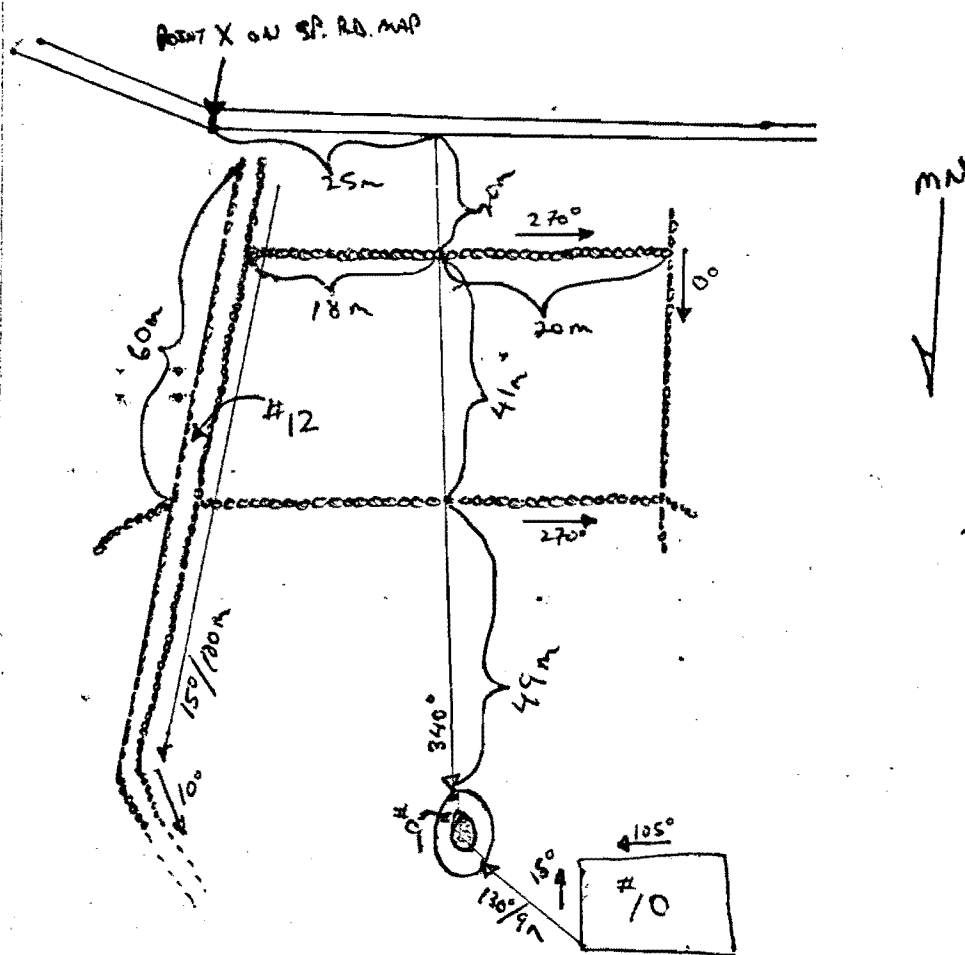


SS-13-9 / 6.9.76

- 1- SMALL, HIGH, OVAL <sup>STONE</sup> PLATFORM w/ PAVED TOP
- 2- 10m (NWS) X 7m (EWS) / 1m HIGH  
PAVED AREA - OVAL - 3m X 2m  
<sup>LOW</sup> (10cm HIGH)
- 3- <sup>LOW</sup> STONE CURBING AT BASE OF PLATFORM SLOPING (30°4)  
TO TOP PAVED SURFACE ('ILLI') w/ LOW CURBING
- 4- SLIGHTLY ERODED BUT STILL IN FAIR CONDITION, 'ILLI'  
HAVING SPOTTY BUT EVIDENT
- 5- SEE SKETCH MAP / 110m N. OF SP. RD. BTWN X & Y ON SP. RD. MAP
- 6+7 - RELATIVELY FLAT COCONUT & COCA PLANTATION w/ much  
BLUSH, FERNS & WEEDS  
PLATFORM V. OVERGROWN w/ FERNS & BLUSH (Removes For PHOTO)
- 8- SS-13-10 & SS-13-12 (ROWY) AS WELL AS SEVERAL OTHERS  
LOCATED IN SAME AREA (SEE SKETCH MAP w/ SS-13-9, 10, 12)
- 9- TAINLU FESH, SAPAPALII / AGELE TAINLU (10-15yr. old)
- 10 - UNKNOWN
- 11 - NONE
- 12 - ROLL 1, # 4. (LOOKING TO NW - VEG. CLIPS FOR PHOTO)

[SKETCH MAP FOR SS-13-9, 10, 12 ON BACK]

# SKETCH MAP FOR SS-13-9, 10, 12



7  
SS-13-10 / 6.9.76

- 1- MEDIUM SIZED, RECTANGULAR <sup>STONE</sup> PLATFORM OF MEDIUM HEIGHT
- 2- 9m (150°) X 27m (1050°) / 30 cm HIGH
- 3- EDGE FORMED BY STONE CURBING (MED. TO LARGE STONES)  
WHILE INTERIOR OF PLATFORM IS MADE OF SIMILAR  
AS WELL AS SMALLER ROUNDER STONES
- 4- SURFACE IS <sup>GRATELY</sup> A CLOSED & DENSELY COVERED w/ VEG. (SMALL TREES AND BRUSH)
- 5- LONG SIDE 1050° / 110m N OF SP. RD. BETWEEN X & Y
- 6- PLATFORM ON RELATIVELY FLAT LAND UNDER COCONUT PLANTATION AND IS COVERED w/ THICK BRUSH & WEEDS
- 8- SS-13-9, 12 (SEE SKETCH MAP)
- 9- TAILLA, FESH, SAPAPALTI / AGELE TAILLA (AGE: 10-15yr)
- 10- UNKNOWN
- 11 & 12 - NONE

(SS-13-11 ON NEXT PAGE)

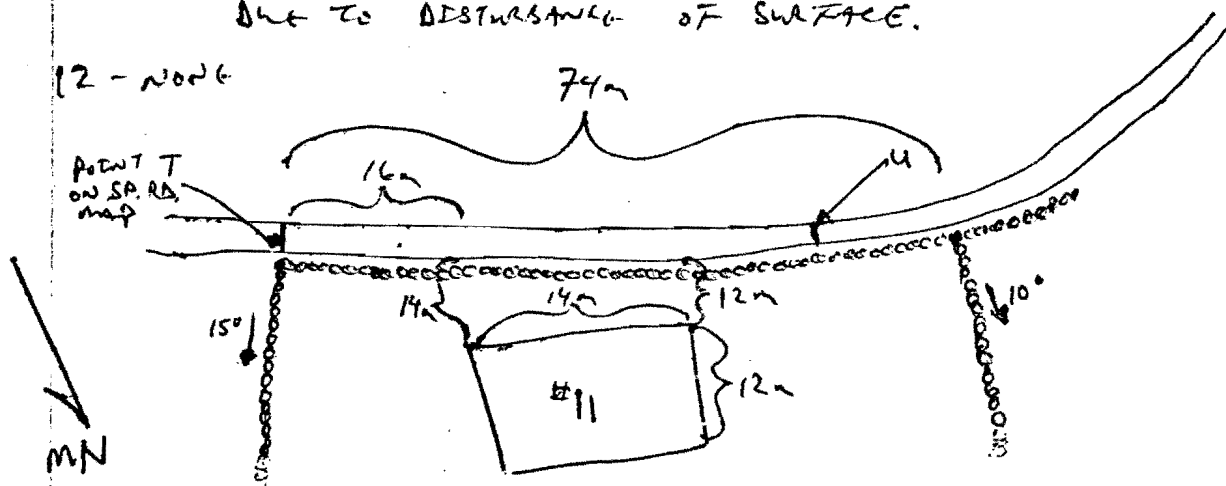
SS-13-12 / 7.9.76

- WALLED ROADWAY w/ BADLY ERODED WALLS (1/2 m. HIGH IN PLACES)  
2m WIDE (AVERAGE) BUT DIFF TO DETERMINE AS WITH  
V. DISTURBED IN SOME PLACES  
ROADWAY SEEMS TO BE PAVED IN PLACES(?) OR THE STONES FOUND  
MAY BE DUE TO EROSION OF WALLS SIDES.  
DENSELY COVERED w/ JUNGLE VEG (TREES, BRUSH, VINES & WEEDS)  
SOME OF WHICH WERE CUT DURING SURVEY  
ONLY FOLLOWS FOR CA. 100 m. (NOT TO END) DEFINATE LONGER THAN  
SHOWN ON SKETCH MAP OF ORIGINAL SURVEY

SS-13-11 / 7.9.76

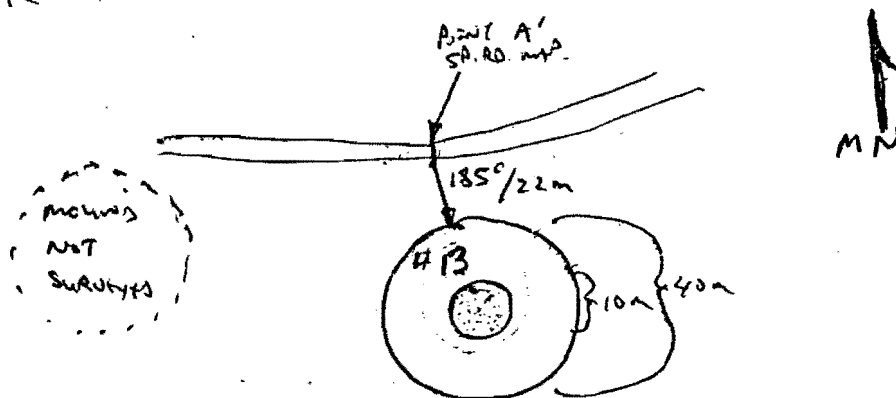
- 1- MEDIUM SIZED RECTANGULAR STONE PLATFORM OF MEDIUM HEIGHT
- 2- 12m (N2S) X 14m (E2W) / <sup>10m</sup> (30cm) HEIGHT
- 3- MADE OF MEDIUM AND COARSE ANGULAR STONE w/ NO NOTICABLE CUBING OR SMOOTHENING
- 4- V. DISTURBED w/ SEVERAL LARGE HOLES POSSIBLY CAUSED BY OLD UNROOTED COCONUT TREES
- 5- SEE SKETCH MAP / BTWN T & U ON SP. RD. MAP, OFF N SIDE OF LOT 5
- 6 & 7- LOCATED ON FLAT. GROUND UNDER COCONUT PLANTATION
- PLATFORM VEG. - YOUNG COCONUT TREES, BRUSH & FERNS
- 8- BASALY ERODES STONE WITH TO S (BTWN. PLATFORM & ROAD) ALSO WITH TO E & W (IN BETTER CONDITION).
- 9- RUEFHA SALT, SAPALII / NONG
- 10 - UNKNOWN
- 11 - PLATFORM SIMILAR TO SS-13-8
- Also - PLATFORM MAY BE OVAL BUT APPEAR RECTANGULAR DUE TO DISTURBANCE OF SURFACE.

12 - NONE



SS-13-13 / 7.9.76

- 1- HIGH <sup>CIRCULAR</sup> STONE mounds w/ sloping sides
- 2- 40 m. DIA w/ 10 m. DIA 'ILLILI' PANDA SURFACE ON TOP  $\frac{1}{2}$ -2 m HIGH ON E SIDE
- 3- SLOPING SIDES (CA. 30° SLOPE) MAY HAVE BEEN TERRACES AT ONE TIME BY 3 SMALL TERRACES OF 30 cm EACH  
MADE OF MEDIUM TO LARGE SIZED STONE w/ SMALL 'ILLILI' PANDA SURFACE ON TOP. mounds PROMINENT FROM ROAD.  
AGAINST HILL ON W & N SIDES (only CA. 20 cm HIGH)
- 4- SLOPES RASHLY ERODED, TOP SURFACE DISTURBED TO A COARSE EXTENT
- 5- SEE SKETCH MAP / ATWN. A' & B' ON SA. RD. MAP, ON S SIDE
- 6 & 7 - OLD COCONUT PLANTATION SURROUNDS LOW LYING AREA ALONG RIVER BTWN RIVER & ROAD  
mounds VEG. in FEWS. A MILE-A-MINUTE COVER SLOPES OF mounds WHILE PANDA TOP CONTAINS PANDANUS w/ NO FEWS or MILE-A-MINUTE
- 8- SEVERAL OTHER PLATFORM AND mounds IN SAME GENERAL AREA ON BOTH SIDES OF ROAD - ROADWAY ON N SIDE OF ROAD (SEE SS-13-14)
- 9- UNKNOWN
- 10- ?
- 11 & 12 - NONE





7  
SS-13-14 / 7.9.76

- 1- VERY LARGE STONE PLATFORM OF MEDIUM HEIGHT
- 2- 30+m (N+S) BY 54m (E+W) /  $\frac{1}{2}$  m HIGH
- 3- PARTS OF S & W EDGES SHOW CURBING (OR LOW FACING) OF MEDIUM TO LARGE SIZED STONE, THE INTERIOR OF THE PLATFORM IS CONSTRUCTED OF SIMILAR ANGULAR STONES BUT SHOWS NO EVIDENCE OF A SMOOTH PAVED SURFACE (ON THE AREA WHICH COULD BE STAIR)
- 4- VERY ERODED AND IRREGULAR ALONG ALL SIDES AS WELL AS INTERIOR
- 5- SEE SKETCH MAP / BTWN Z & B' (N. OF SS-13-13) ON SP. RD. MAP
- 6- PLATFORM IS CONSTRUCTED ON GENTLY SLOPING MOUND (OR NATURAL HILL WHICH HAS BEEN MODIFIED BY ~~STONE~~ STONE FACING WHICH IS NOW V. ERODED)
- 7- COCONUT PLANTATION W/ HEAVY BRUSH AWAY FROM ROAD AND COVERING MOST OF PLATFORM, MULE-A-MOUNTAIN AND FEW COCOA TREE OF MOUND ON WHICH PLATFORM LOCATED
- 8- MOUND ON WHICH PLATFORM LOCATED AS WELL AS ELEVATED ROAD WHICH INTERSECTS W/ SP. ROAD TO SE OF PLATFORM (SS-13-14) ON SAME SIDE (N) OF SP. ROAD. SS-13-13 (mound) AND ANOTHER mound (NOT SURVEYED) LOCATED ON S. SIDE OF SP. ROAD TO S.W. OF SS-13-14. A STONE WALL OF MED. HEIGHT ( $\frac{1}{2}$  m) IS LOCATED ON THE S.W.  $\frac{1}{4}$  OF PLATFORM (SS-13-14) AND SEEMS TO BE BUILT OF STONES TAKEN FROM PLATFORM.

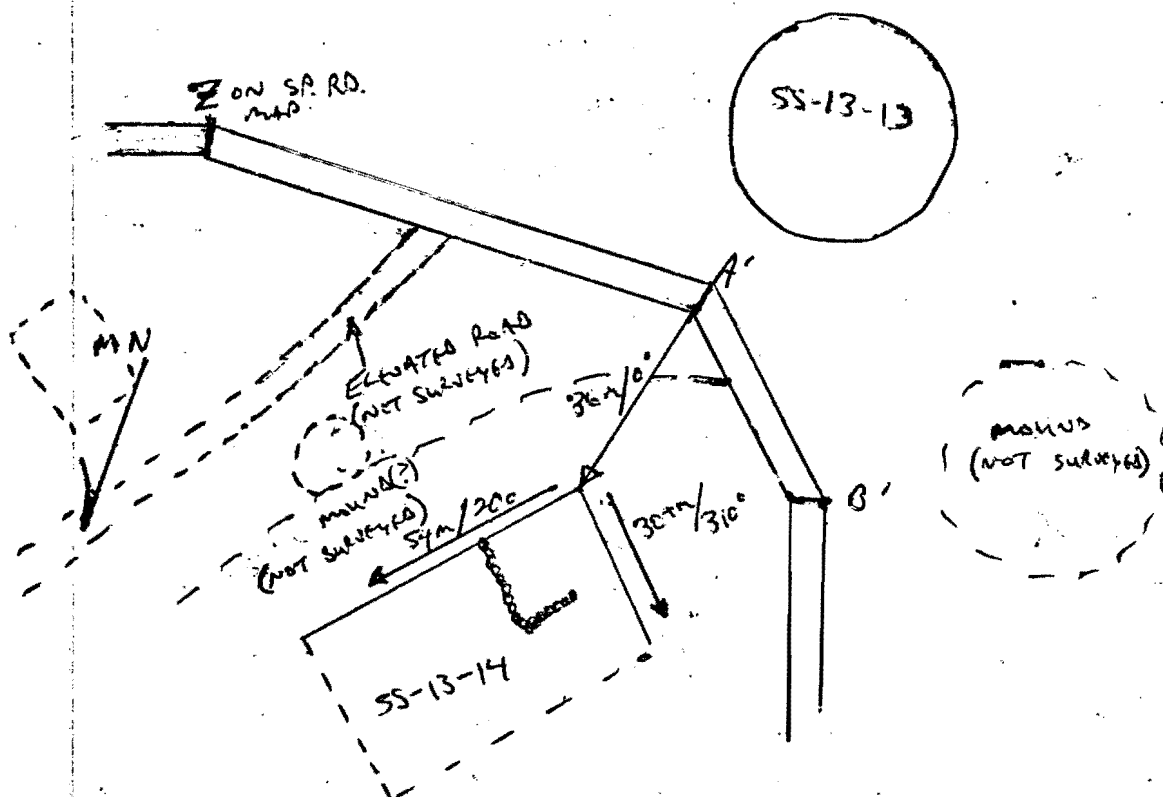
(over)

9- UNKNOWN (SAPAPAZI VILLAGE LANDS)

10- ?

11- THE PLATFORM WAS DENSELY COVERED W/ BRUSH & WEEDS  
MAKING SURVEY VERY DIFFICULT AND TIME CONSUMING.  
WITH SO MANY SITES PLAINLY VISIBLE (AS MENTIONED IN  
# 8 ABOVE) THERE ARE UNDOUBTABLY MANY MORE SITES WHICH  
COULD BE LOCATED IN THIS AREA WITH A MORE EXTENSIVE  
SURVEY.

12- NONE



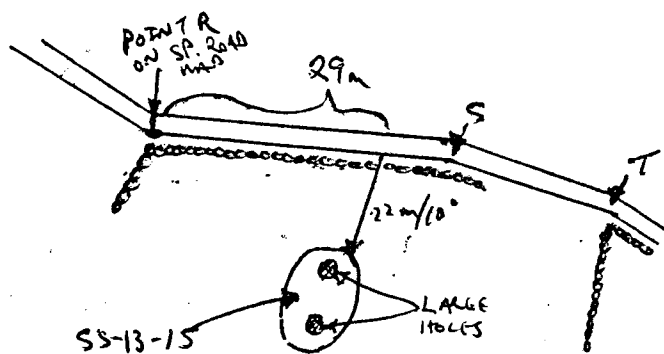
\* NOTE: SAPAPAZI ROAD RAISES ( $> \frac{1}{2}$  m) FROM AT LEAST S TO B'  
(ON SP. RD. MAP)

SS-13-15 / 8.9.76

- 1- <sup>SMALL</sup> 1-11 OVAL, STONE PLATFORM OF MEDIUM HEIGHT
- 2- 12 m (NWS) BY 9 m (EWS) /  $\frac{1}{2}$  m. HIGH
- 3- CURBS W/ MEDIUM SIZE STONE ALONG BASE OF PLATFORM, SLOPE (30°) TO TOP WHICH IS NOT CURBED OR OTHERWISE SET APART FROM PLATFORM. TOP AREA UNPAVED AND CONSTRUCTED OF SMALL (5-10 cm) STONE (NO 'ILLILI' PAVING EVIDENT)
- 4- V. BADLY ERODED W/ 2 LARGE (1 m. DIA.) HOLES (SEE SKETCH MAP) ON SURFACE OF PLATFORM (PROBABLY CAUSED BY OLD COCONUT TRUNKS).
- 5- SEE SKETCH MAP / BTWN RTS ON N SIDE OF SP. RD.
- 6- RELATIVELY FLAT AREA ON WHICH STILL REMAIN A FEW OLD (>25yr) COCONUT TREES - THE PLATFORM AND SURROUNDING AREA ARE COVERED W/ FEW & MIDE-A-MINUTE, W/ SOME TREES BRUSH TO S & E OF SITE.
- 8- LOW ERODED STONE WALL TO S BTWN PLATFORM & ROAD, SS-13-11 (LOW PLATFORM) CA. 60 m TO W. ON SAME SIDE (N) OF SP. ROAD.
- 9- SULLUSULU AIUA, SAAAKII / MITI SULLUSULU (AGE: 25-30yr)
- 10- ?
- 11- ALTHOUGH NO 'ILLILI' PAVING WAS OBSERVED ON TOP OF SITE IT IS SIMILAR IN FORM TO SS-13-9
- 12- ROLL 1, #5 - FROM 10 m S OF PLATFORM (TO N) <sup>LOOKING</sup> (S.  $\frac{1}{2}$  OF PLATFORM CLIMB OF UFG. FOR PHOTO)

[SKETCH MAP ON BACK]

MN  
↓

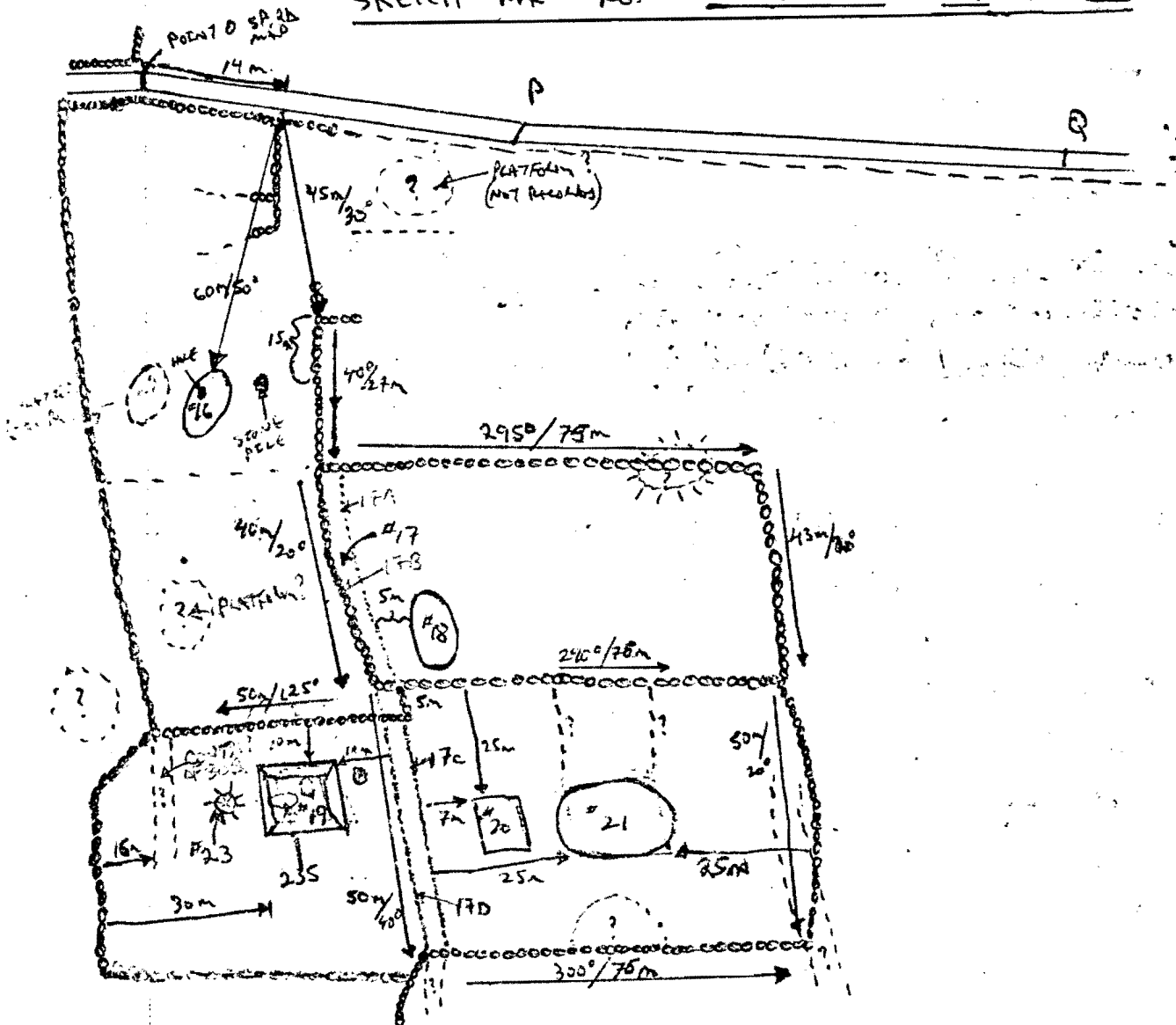


9  
SS-13-16 / 10.9.76

- 1- SMALL, OVAL STONE PLATFORM OF MEDIUM HEIGHT
- 2- 10 X 7 m /  $\frac{1}{2}$  m
- 3- CANTLY SLOPED STEPS (30°), CONSTRUCTED ~~OF~~ MAINLY <sup>OF</sup> MEDIUM SIZED STONE, NO PAVING w/ 'ZILLE' OR CURSING OBJECTS
- 4- V. ERODED w/ ONE LARGE HOLE (1m DIA) (SEE SKETCH MAP) CONTAINING YOUNG (< 5YR.) COCONUT TREE - SURFACE IRREGULAR
- 5- SEE SKETCH MAP / 60 m NE OF SP. RD BTWN O & P
- 6 & 7- FLAT COCONUT PLANTATION DENSELY COVERED IN PLANTS w/ BRUSH, FEWS & WILT-A-MINUTE - PLATFORM COVERS w/ BRUSH & FEWS
- 8- PILE OF SMALL STONE (10cm DIA) 2m X 2m LOCATED 3m W. OF PLATFORM. <sup>NUMEROUS STONE</sup> 1 WALL TO N & W - STONE WALL TO W OF PLATFORM CA 1m. HIGH <sup>(IN PLACES)</sup> BUT V. ERODED
- 9- MOALELE LIPO, SAPAPALIZ
- 10- ?
- 11- ONLY ONE OF A NUMBER OF SITES IN SAME AREA
- 12- NONE.

[SKETCH MAP FOR SS-13-16 TO 21 ON BACK]

# SKETCH MAP FOR SS-13-16 TO 21 AND 23



MN

SEE BACK OF PAGE (AFTER SS-13-18)  
FOR MORE DATA ON SS-13-17

SS-13-17 / 10.9.76

1/2 m. wide  
(30-50 cm high)

WALLED ROADWAY 3 m wide w/ V. ERODED SIDE WALLS (CONSTRAINED BY STONE TO 10 cm DIA. 20-30 cm DIA.)  
FOR 1ST 40 m. ERODED WALL ON E SIDE TOPPED w/ NOVELLY  
CONSTRAINED THEN WALL OF MEDIUM SIZED STONE (1 m. HIGH), AND  
IS CROSSED TWICE BY NEW WALLS (SEE SKETCH MAP). ROADWAY SEEMS  
TO RUN FOR ONLY 90 m. (TOTAL) AND DISAPPEARS AFTER IT MEETS  
WITH A NEW CONSTRAINED WALL AT ITS N. END (SEE MAP)

ROADWAY ALSO SEEMS TO BE PAVED(?) IN SPOTS (BUT THIS MAY BE DUE  
TO DETERIORATION OF THE STONE WALLS WHICH FORM ITS SIDES) EAST WALL  
BETW #19 & #20  
1- CONTAINS LESS MASS (RUBBLE) THAN WEST WALL ABOUT 1/2 AS MUCH (THE WEST  
WALL MAY HAVE HAD MORE PAVED WALLS) CONSTRAINED ON IT AS IS THE CASE FOR THE  
EAST WALL E. OF #18). / PHOTO POLLS #10 TO N ALONG CENTER OF ROAD SEEN  
(VIEW) SS-13-14 & 20 (1A SCALE 20 m DIA)

SS-13-18 / 10.9.76

1- SMALL, OVAL STONE PLATFORM

2- 10 m (WIDE) X 8 m (ELEV) / 1 m HIGH

3- PLATFORM HAS SLOPING SIDE (30°) w/ NO EVIDENCE OF  
A FACING OR CURBING. CONSTRAINED BY SMALL TO MEDIUM  
SIZED STONE (10-20 cm DIA) w/ NO OBVIOUS 'ILLI' PAVING

4- SURFACE ERODES (BUT NOT ALOY)

5- SEE SKETCH MAP FOR SS-13-16 TO 21

6- RELATIVELY FLAT COCONUT PLANTATION WITH NTS BARN  
PARTLY GUTTED BUT STILL CONTAINS SOME BRUSH & TREES

8- WALL ROADWAY (SS-13-17) 5 m TO E. SURTOWERED BY STONE  
WALLS, NEW WALLS TO N & S SEEM TO BE BUILT ON SMALL RISERS  
(30-50 cm HIGH) WHICH MAY BE OLD ERODED WALLS OR ANTIKWAYS  
ALSO IN SW CORNER OF WALLED AREA (SEE SKETCH MAP) THE  
S WALL IS BUILT OVER A VERY ROCKY RISE (1/2-1 m HIGH) WHICH  
DOESN'T SEEM TO HAVE ANY PARTICULAR SHAPE OR SURFACE (MAY  
(OVAL))

<sup>BADLY</sup>  
BE<sub>1</sub> ERODES PLATFORM - NEEDS TO BE SURVEYED

9- MOALELE WIPD, SAMAPALII

10- ?


11-

12- ROLL 1, # 9 TO NW FROM 7m SE OF PLATFORM  
(OTW) (1m. SCALE TO PITOW)

SS-13-17/6.12.76 (CONT.)

17A -


1- STONE WALL

2- 160 cm / 30 cm (40m) 

3- CONSTRUCTED MAINLY OF SMITH TO MEDIUM SIZED STONE BUT  
(5-10 cm)  
CONTAINS SOME LARGER STONES (20-30 cm).

17B

1- STONE WALL WITH VERTICAL STOPS

2- 30 cm / 70 cm (40m) 

3- SINGLE STONE THICK CONSTRUCTED ON TOP OF OLDER WALL SIMILAR TO  
17A. 17B CONST OF MEDIUM TO LARGE STONES (20-30 cm) PROBABLY  
'BORROWED' FROM OLDER WALL UNDER 17B AND FROM 17A.

17C -

1- STONE WALL

2- 160 cm / 40 cm (50m) 

3- CONSTRUCTED OF LARGER STONE THAN 17A (more med. sized). THE LARGE  
AMOUNT OF DICES MAY BE THE RESULT OF CONTINUOUS REBUILDING OF  
NEIGHB WALLS ON BASIS OF OLDER CHANGED WALLS USING MATERIAL FROM

17D

17D - ①- STONE WALL SIMILAR TO 17A ②- 120 cm / 30 cm (50m)



SS-13-19 / 10.9.76

- 1- <sup>HIGH</sup> MEDIUM SIZED, SQUARE, STONE PLATFORM w/ SLOPING SIDES
- 2- 15m x 15m / 1m.
- 3- PLATFORM SHOWS NO FACING BUT HAS SLOPING SIDES (30°-45°)  
w/ FLATTENED TOP SMALLER THAN PLATFORM ITSELF (BUT OTHERWISE OF UNDETERMINATE DIMENSIONS). CONSTRUCTED OF MEDIUM TO LARGE STONE STONES (MOSTLY MEDIUM). NE EDGE ALMOST LEVEL w/ SURROUNDING AREA TO NE OF PLATFORM
- 4- SURFACE VERY IRREGULAR & BADLY ERODED
- 5- SEE SKETCH MAP ON BACK / SEE SKETCH MAP FOR SS-13-16 TO 21 (ON BACK OF REPORT FOR SS-13-16)

6+7- SITE LOCATED IN RELATIVELY FLAT COCONUT PLANTATION OF YOUNG (≤ 5yr.) TREES (NONE OF WHICH ARE PLANTED ON THE PLATFORM. THE PLATFORM ITSELF (AS WELL AS THE AREA UNDER THE COCONUT TREES) IS COVERED w/ BRUSH AND FERNS

8 (A) <sup>SS-13-19-235</sup> SMALL, LOW PLATFORM LOCATED ON SS-13-19 (SEE SKETCH MAP ON BACK) 4m x 8m / 20cm HIGH - CURBED w/ MEDIUM SIZED STONE AND PAVED w/ SMALL STONES (MA'AMTA'PAWENG). 19 POST/HOLDS CA 60cm APART WERE OBSERVED IN PLATFORM AND ASSOCIATED w/ OLD ROTTEN A BURNED POSTS ALSO FOUND ON 'A' WITH AN OLD RUSTY 'ANCHOR' MILK CAN (2 LB SIZE, RESEMBLES w/ A MATA TOO) BECAUSE OF EVIDENCE OF PISTS, DISTALTS & MILK CAN 'A' IS PROBABLY OF MODERN (RECENT) CONSTRUCTION (OR REUSE)

(B) - POSSIBLE V. SMALL PLATFORM ('FAK UMM') ON SS-13-19 (SEE SKETCH MAP ON BACK) - ONLY QUATERNARY CURBED EVIDENT MADE OF SAND MASONRY AS SS-13-19 - V. SLIGHTLY ABOVE SURFACE OF SS-13-19. ~~STEN~~LARGER BOTTLE FOUND ON 'B' (OVER)

ONLY ONE POSSIBLE POST HOLE LOCATED ON 'B' - 'B' MAY ALSO BE MODERN AND ASSOCIATED W/ 'A' AS ITS

'FACE Umu' (Cook House)

SS-13-23 (1) 'Umu TI' LOCATED 3 m S.E. OF 'A' (SEE SKETCH MAP BELOW) - 5m X 5m / 1m HIGH - A CIRCULAR STRUCTURE W/ EARTHEN WINDS ON THE OUTSIDE AND THE INSIDE LINED W/ MEDIUM SIZED STONE - THE INSIDE HOLE IS APPROXIMATELY AT GROUND LEVEL AND THE SOIL USED TO MAKE THE STOPS PROBABLY CAME FROM THE EXCAVATION ITSELF (ROCK BELOW SURFACE ON INSIDE). 1 PIECE OF CHARCOAL WOOD <sup>(30cm X 10cm)</sup> WAS FOUND INSIDE HOLE.

(2) HOLE ('umu'(?)) 1 1/2 m IN DIA. W/ BARELY RAISED STOPS - 1/2 m DEEP 2 m N.W. OF CENTER OF N.W. EDGE OF SS-13-19. PARTLY STONE LINED W/ MDS. STONE NO EVIDENCE OF FILL.

9 - UNKNOWN (SAPAPALI VILLAGE LAND)

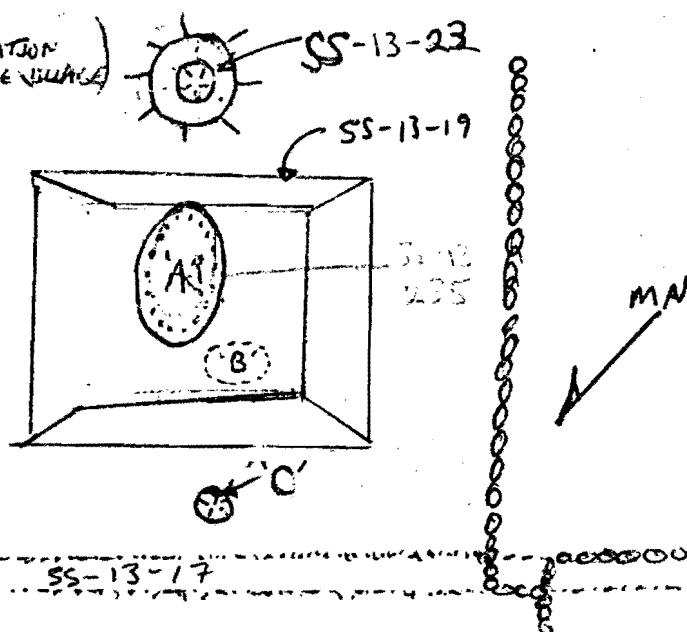
10 - SS-13-19 MAY BE OLDER THAN 'A' OR OTHER ASSOCIATED MATERIALS SINCE MOST OF OLD PLATFORMS IS A COMMON

MODERN PRACTICE <sup>(IN THE PLANTATION BUT NOT IN THE VILLAGE)</sup>

11 - 'A' CLUMPS OF VEG. (FEW & WEEDS) DURING SURVEY

12 - Roll 1, # 11 ASSOC. MAT. 'A' <sup>TO S</sup> FROM NE SIDE OF SS-13-19

# 12 SS-13-19 TO NE FROM 10m. S OF SW CORNER (1m. SCALE IN BOTH PHOTOS)



\*SEE COMMENT AFTER SS-13-20

SS-13-20 / 10.9.76

- 1- SMALL, RECTANGULAR, STONE PLATFORM OF MEDIUM HEIGHT
- 2- 8m x 10m /  $\frac{1}{2}$ m
- 3- SLOPING SIDES WHICH SEEM TO HAVE BEEN CURBED  
CONSTRAINTS OF <sup>SMALL TO</sup> MEDIUM SIZED STONE (MOSTLY 10-20cm DIA)
- 4- SURFACE IRREGULAR AND POTHOLES w/ HOLES FROM OLD COCONUT TREES EVIDENT ON PLATFORM
- 5- SEE SKETCH MAP FOR SS-13-16 to 21
- 697 - LOCATED ON RELATIVELY FLAT GROUND UNDER COCONUT PLANTATION THE UNDERCOOR OF WHICH HAS BEEN PARTLY GRAZED. SITE CONTAINS ONE YOUNG ON PLATFORM SURFACE (< 5yr), AS WELL AS, SHORT BRUSH, WEEDS, AND FERNS
- 8- SEVERAL WALLS & PLATFORMS (SEE MAP FOR SS-13-16 to 21)  
STONE WALLS TO N, W & S CA 1m. HIGH AND PROBABLY OF RECENT CONSTRUCTION (OR RECONSTRUCTION) BUT MAY BE BUILT ON OLDER BASE (WALKWAY OR EMBANKMENT WALL).
- 9- UNKNOWN (SAPAPALLE VILLAGE LAND)
- 10 - ?
- 11- SMALL AMOUNT OF CURBING (< 1m) STILL PRESENT ALONG W. SIDE
- 12- ROLL 1, #13 TO NE FROM 10m SW OF SW CORNER  
(B+W) #14 WEST SIDE (DETAIL w/ CURBING), TO W FROM SW E

COMMENT RE: REUSE OF 'FALE' PLATFORMS - THERE SEEMS TO BE COMMON REUSE OF OLD FALE FOUNDATIONS IN THE PLANTATION BUT FOUNDATIONS (PLATFORMS) ARE NOT <sup>USUALLY</sup> REUSED IN THE VILLAGES. RATHER THAN REUSE A FOUNDATION, THE MATERIALS (STONE) WILL BE 'STOLEN' FROM (OVER)

AN OLD PLATFORM (FOUNDATION) AND USED TO CONSTRUCT THE NEWER ONE OFTEN IN VERY CLOSE PROXIMITY <sup>TO</sup> OR EVEN OVERLAPPING THE OLDER ONE.

SUCH A PRACTICE, AS MENTIONED <sup>ABOVE</sup>, MAY BE ANOTHER EXPLANATION FOR 'PLATFORMS' WITH SLOPING SIDES. BECAUSE OFTEN IF THE PLATFORM 'BORROWED' FROM IS LARGER THAN THE NEW ONE BUILT A SIZEABLE PORTION OF SMALLER, CONTRAST MATERIAL MAY BE LEFT AT THE OLD PLATFORM SITE.

SS-13-21 / 10.9.76

- 1- LARGE, LOW, OVAL(?) STONE PLATFORM.
- 2- 18m (215°) X 26m (125°) / 10cm
- 3- COMPRISES OF MEDIUM SIZED STONE SPREAD THINLY (1 STONE OR 2 THICK) OVER THE AREA WHICH COMPRISES THE PLATFORM. NO DIFFERENCES TO EXIST BETWEEN STONE ALONG EDGE AND INTERIOR (NO CURSING)
- 4- VERY BADLY ERODED, ESPECIALLY ALONG EDGE MAKING THE EXACT SHAPE AND SIZE OF PLATFORM QUESTIONABLE
- 5- 215° X 125° / 10m NW OF #20 (SEE SKETCH MAP FOR SS-13-16 TO 21)
- 6- RELATIVELY FLAT
- 7- OVERGROWN: COCONUT PLANTATION (20m. COCONUT TREES ON PLATFORM)  
UNDERGROWTH: CLEARING TO DENSE FERNS WITH SMALL AMOUNT OF BRUSH
- 8- PLATFORMS AND WALLS (SEE SKETCH MAP FOR #16 TO #21)
- 9- UNKNOWN (STAPACTI VILLAGE)
- 10- UNKNOWN
- 11- OTHER ROCKY AREAS TO NORTH AND WEST BUT VERY DISTURBED WITH NO DISCERNABLE FORM (SEE SKETCH MAP). POSSIBLE WALLS(?) BTWN #21 AND WALL SOUTH OF PLATFORM BUT NOT DISTINCT ENOUGH TO RECALL (SEE SKETCH MAP)
- 12- NONE

SS-13-22 / 12.9.76

- 1- SMALL <sup>RAISED</sup> OVAL, STONE PLATFORM OF MEDIUM HEIGHT
- 2- 8m X 9m (W x S) / 40cm.
- 3- PLATFORM <sup>VERTICALLY</sup> FACES w/ medium to large stones and fills with small & medium (MANY ~ 10cm DIA) sized stone
- 4- SURFACE IRREGULAR AND ERODES, N.E. FACING PARTLY ERODED
- 5- SEE SKETCH MAP / BTWN A & Q ON S.A.R. MAP 40m NE OF ROAD FOR SS-13-22 to 28
- 6- ~~ON~~ RELATIVELY FLAT GROUNDS WITH COCONUT PLANTATION. PLATFORM AND SURROUNDING AREA DENSELY COVERED w/ TALL BRUSH & WEEDS (1-2 m. HIGH). PLATFORM PARTLY CLEAR OF VEG. FOR SURVEY
- 8- STONE WALL TO SE (SEE SKETCH MAP FOR SS-13-22 TO 27) - WITH MASS OF LARGE STONE AND 1m. HIGH IN PLACES
- <sup>LOW</sup> - ROCKY AREA SURROUNDING PLATFORM, EXACT AREA HARD TO DESCRIBE BECAUSE OF DENSE SURROUNDING VEGETATION - SEEMS TO EXTEND FURTHER TO SW THAN NE
- 9- UNKNOWN (SAPAPALII VILLAGE LAND)
- 10- ?
- 11- FORM MUST TIE SPOT AS MODERN 'FALL'
- 12- NONE

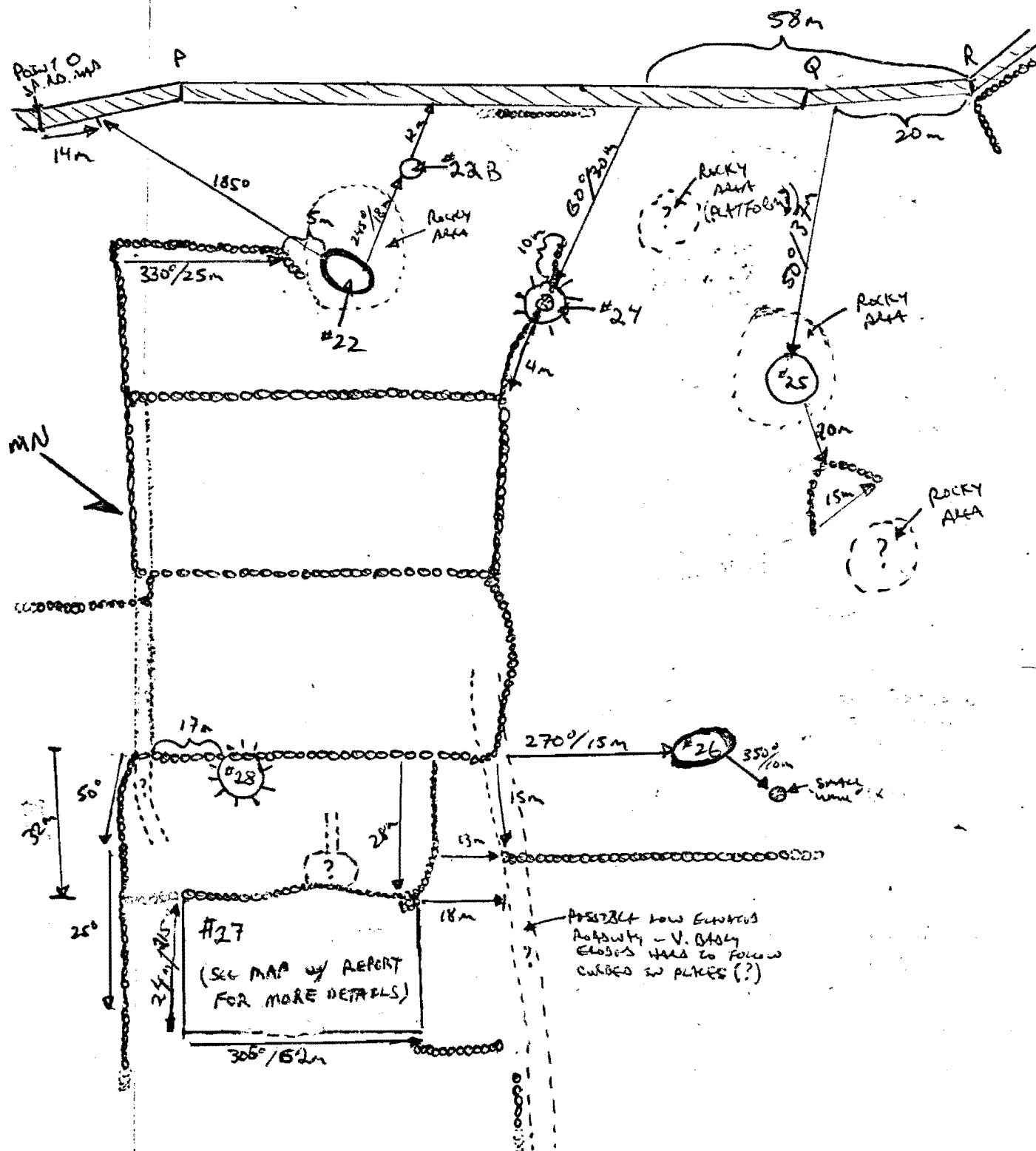
SS-13-22B / 12.9.76

SMALL STONE PILE

3m X 3m / 30cm HIGH

VERY BADLY ERODED, OUTLINE UNDEFINABLE, SLOPING SIDES COMPOSED OF MEDIUM SIZED STONE (10-20cm DIA).

# SKETCH MAP FOR SS-13-22 TO 28\*



\* SS-13-23 ON SKETCH MAP FOR SS-13-16 TO 21

SS-13-23 (SEE SS-13-19)

SS-13-24 / 12.9.76

1- LARGE 'urn' TI

2- 9 m. DIA / 1 m ABOVE SLOWLY THERM

3- LARGE STONE LINED PIT W/ RAISED, SLOPING (30°), EARTHEN WALLS ON OUTSIDE, INSIDE DIPS SHARPLY FOR 1/2 m AND THEN SLOPES (30°) TOWARD THE CENTER. PIT ITSELF IS CA. 1 m DEEP AND 3 m. IN DIA. AT ITS TOP AND LINED W/ MEDIUM SIZE STONES (10-20 cm).

4- VERY GOOD, INSIDE STONE LINING ONLY PARTLY COVERED IN

5- SEE SITE MAP FOR SS-13-22 TO 28 / 30 m NE OF SP. RAS

697 - LOCATES ON RELATIVITY / BTWN. P & Q

FLAT TERRAIN COVERED W/ DENSE BRUSH & FERNS BELOW COCONUT PLANTATION. SITE DENSELY COVERED W/ FERNS (N. 1/2 CURVES FOR PHOTO).

8- STONE WALL - 'urn' IS CAUSED BY AN ERODED STONE WALL (RUNNING E-W) WHICH IS BUILT OVER THE RIM OF THE 'urn' BUT DOESN'T EXTEND INTO THE CENTER PIT

ROCKY AREA - A LOW, UNDIFFERENTIATED, V. ROCKY AREA WAS FOUND CA. 20 m. W.S.W. OF 'urn' (COVERED W/ DENSE FERNS). NO CURBING W/ EVIDENT

9- ISAMU PAUPAU, SAPPALIE / NOW

10- ?

11- UPON REMOVAL OF A FEW STONE FROM THE BOTTOM OF THE PIT 2 SMALL (2 cm DIA) PIECES OF CHARCOAL WERE FOUND

12- ROLL 1, #6 - FROM 10 m N OF SITE SHOWING OUTSIDE (BTW) #7 - FROM N. REM SHOWING INSIDE



SS-13-25 / 12.9.76

- 1- SMALL, LOW, CIRCULAR STONE PLATFORM
- 2- 10 M. DIA. / 20 CM
- 3- RINGS <sup>(CURBS)</sup> w/ LARGE STAMEN COBBLES AND FILLS w/ MEDIUM SIZED STONE. SHOWS SOME CONCENTRIC CURBING OF LARGE STAMEN COBBLES ONE M. INSIDE PRIMARY CURBING.
- 4- SURFACE V. ERODES AND DISTURBED (BY PIGS?)
- 5- SEE SKETCH MAP FOR SS-13-22 to 28 / 40m N.E. OF Q ON SP. RA MAP.
- 6+7 - PLANTING FLAT - COCONUT PLANTATIONS w/ LOW WEEDS AND SOME BRUSH (MOST OF WHICH HAS BEEN CLEARED)
- 8 - PLATFORM AREA SURROUNDED BY UNOBTAINING ROCKY AREA w/ NO APPARENT CURBING AND EXTENDS OUT <sup>AT MOST</sup> 15 m <sup>FROM CENTER OF PLATFORM</sup> IN ALL DIRECTIONS BUT MOST EVIDENT S.W. OF PLATFORM
- 9 - UNKNOWN (SARAPALI VILLAGE LAND)
- 10 - ?
- 11 - FORM MUCH THE SAME AS MODERN 'FATE TELE' (MEETING OR GUEST HOUSE).  
V. ERODES STONE WALL TO N OF SS-13-25 (SEE SKETCH MAP FOR SS-13-22 TO 28, ALSO, STONY AREA WHICH MAY BE A LOW V. ERODED PLATFORM

12 -

SS-13-26 / 12.9.76

- 1- SMALL OVAL STONE PLATFORM OF MEDIUM HEIGHT
- 2- 7m x 9m /  $\frac{1}{2}$  m
- 3- SLOPING SIDES ( $30^\circ$ ) w/ ~~no~~ EVIDENCE OF CURBING BUT NO TOP PAIRS w/ SMALL STONES ('MA'AM'4')
- 4- SURFACE ERODED MAKING EXACT EXTENT OF SITE UNCERTAIN
- 5- SEE SKETCH MAP FOR SS-13-22 TO 28
- 6 & 7 - RELATIVELY FLAT <sup>COASTAL PLANTATION</sup> A - COVERS w/ BUSH & FERNS
- 8 - 'UMU' - SMALL 'UMU' 10 m N.W. OF PLATFORM
- 9 - V. SHALLOW <sup>(20cm)</sup> AND ONLY SMALL REEF EDGE (<30cm) - 2 m. DEEP
- 10 - COVERED w/ FERNS & BUSH - NO EVIDENCE OF CURBING
- 9 - UNKNOWN (SAMPALII VILLAGE LAND)
- 10 - ?
- 11 - NONE
- 12 - NONE

COMMENT

RE: SURVEY TECHNIQUES — THE SAMARALI ROAD MAP AND  
ALL SITES THROUGH

SS-13-28 WERE SURVEYED USING A SMALL 'ENGINEER'S  
COMPASS' (ACCURATE <sup>ONLY</sup> W/IN 3-5°) AND MEASURED BY PACING  
(VERY INACCURATE DUE TO VEGETATION). THESE ORIGINAL FIGURES  
(WRITTEN IN BLACK) WERE RECHECKED, WHERE NECESSARY, USING EITHER A  
'RANGEMATIC', 30 M. TAPE OR 'BRUNTON TYPE' POCKET TRANSIT (WHERE  
DATA HAS BEEN RECHECKED <sup>(CHANGED)</sup> IT HAS BEEN REWRITTEN IN GREEN). ALL  
SITES AFTER SS-13-28 WERE SURVEYED USING ① 30 M. TAPE  
② 'RANGEMATIC' AND ③ 'BRUNTON TYPE' POCKET TRANSIT (UNLESS OTHERWISE  
NOTED).

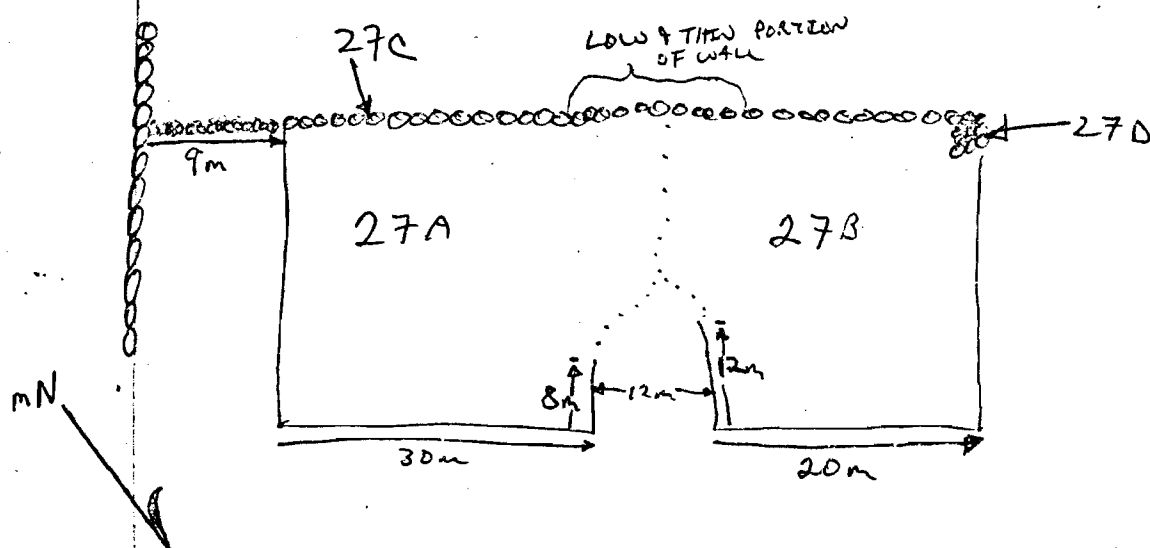
SS-13-27 / 13.9.76

- 1- LARGE, LOW, RECTANGULAR STONE MOUND
- 2- 24m (215°) X 62m (125°) / 20cm ON DOWN HILL (SW) EDGE  
LEVEL ON UP HILL (NE) EDGE
- 3- THE MOUND IS FACED (COMPLETED) ON ITS SW (DOWN HILL) EDGE BY A STONE WALL <sup>(27c)</sup> OF MEDIUM HEIGHT BUT IS ALMOST AT GROUND LEVEL (≈ 5cm) ON ITS NE (UP HILL) EDGE. THE OVERALL CONSTRUCTION OF #27 IS VERY SIMILAR TO THAT OF #21 EXCEPT FOR THE WALL (FACING) ALONG THE SW EDGE OF #27. THERE SEEMS TO BE POSSIBLE 'MA'A MA'A' PAVING ON PORTIONS OF 27A. (SEE COMMENTS FOR MORE INFO.)  
SOUTH HALF OF MOUND,
- 27A: EXACT WEST EXTENT UNCERTAIN CONSTRUCTION SIMILAR TO 27B. NOT VERY DISTURBED ON SURFACE.  
NORTH HALF OF MOUND,
- 27B: EXACT EAST EXTENT UNCERTAIN CONSTRUCTION SIMILAR TO 27A BUT NO 'MA'A MA'A' PAVING EVIDENT. SURFACE N CORNER SLIGHTLY HIGHER VERY BADLY DISTURBED (BY PIGS?).  
THAN REST OF 27B BUT NO DEFINITE SHAPE EVIDENT
- AN AREA WITH FEW STONES (COMPARED TO THE SURFACE OF 27A AND B) EXISTS BETWEEN 27A & B BEING MOST EVIDENT TOWARDS THE UP HILL (NE) PORTION OF THE MOUND
- 27C: STONE WALL(?) OR FACING. 20 TO 50 cm. HEIGHT AND BETWEEN  $\frac{3}{4}$  AND 1 m. WIDE. CONSTRUCTED OF LARGE STONE (30-50 cm IN DIAMETER). HIGHER ON ENDS THAN IN THE MIDDLE BETWEEN 27A & B. 27C CONTINUES TO #36 BUT CONSTRUCTION OF SMALLER STONE AND NOT AS HIGH OR WIDE
- 27D: STONE PILE. 2 m. DIAMETER AND  $\frac{3}{4}$  m. HIGH, THE STONES IN THE PILE ARE SIMILAR TO THOSE USED FOR 27C. THERE IS NO EVIDENCE OF PAVING OR CURBING.

(CONT. ON BACK)

SS-13-27 (CONT.)

- 4- OVERALL CONDITION IS FAIR WITH 27A IN THE BEST  
GENERAL CONDITION AND 27B THE MOST DISTURBED
- 5-  $215^{\circ} \times 125^{\circ}$  / SEE SKETCH MAP FOR #22 TO #28
- 6- GENTLY SLOPING TO SW (DOWN HILL)
- 7- OVERBURDEN; COCONUT PLANTATION WITH MORE THAN 20 TREES OVER  
12 m. TAN ON MOUND  
UNDERCOVER: FERN AND BRUSH BETWEEN 10 cm AND 1 m. HIGH
- 8- POSSIBLE ENTRANCE (SEE SKETCH MAP FOR #22 TO #28) BUT VERY TENTATIVE  
WITH NO DEFINABLE SHAPE
- 9- SAAAPALIZI WILDER
- 10- ?
- 11- MOUND COULD POSSIBLY BE DIVIDED INTO 2 SMALLER PLATFORMS  
(27A & B) BUT BECAUSE OF CONTINUOUS SW EDGE (27C) IT HAS  
BEEN RECORDED AS 1 SITE
- 12- NOTE



SS-13-28/13.9.76

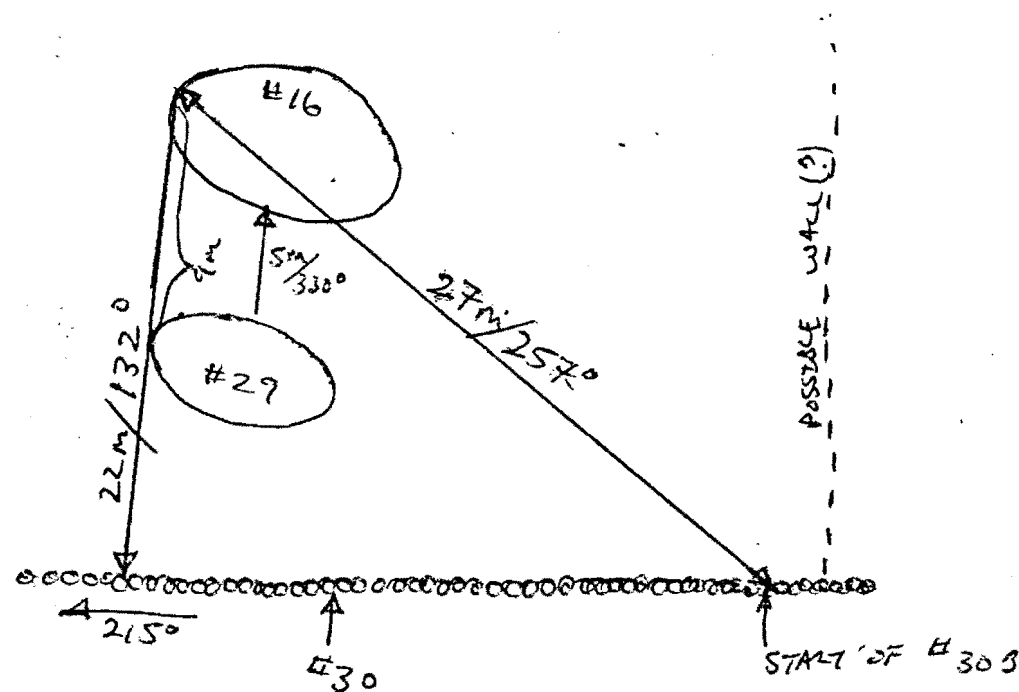
- 1- 'unm TI'
- 2- 8m. DIAMETER /  $\frac{1}{2}$ m HIGH
- 3- CIRCULAR MOUND OF EARTH WITH A STONE LINED CENTER (4m. IN DIAMETER) WITH ONLY A SLIGHT (10-20cm) DEPRESSION. THE CENTER IS STILL FILLED WITH MEDIUM SIZED STONE.
- 4- ONLY SLIGHTLY ERODED
- 5- SEE SKETCH MAP FOR SS-13-22 TO 28
- 6- ON GENTLY SLOPING LAND LEADING TO #27
- 7- OVERBUSH: COCONUT PLANTATION (10m TALL TREES ON N & S ENDS)  
UNDERCOVER:  $\frac{1}{2}$ m. HIGH FENCE. COCOA TREE ON NORTH END
- 8- <sup>'MODERN'</sup> A STONE WALL TO SOUTH (SEE SKETCH MAP) PROBABLY YOUNGER THAN 'unm TI' AS EARTH FROM 'unm TI' UNDER 'MODERN' WALL, BUT PROBABLY OVER UNDER WALL (UNDER 'MODERN' WALL) SEE SKETCH MAP
- 9- SAPAPALIT VILLAGE (SEE SKETCH MAP) ON SLOPE
- 10- ?
- 11- IF EXCAVATED COULD YIELD INFORMATION ABOUT FIRING CONSTRUCTION AND USE AS 'unm' DOESN'T SEEM TO HAVE BEEN 'OPENED' AFTER FIRING.
- 12- NONE

SS-13-29 / 6.12.76

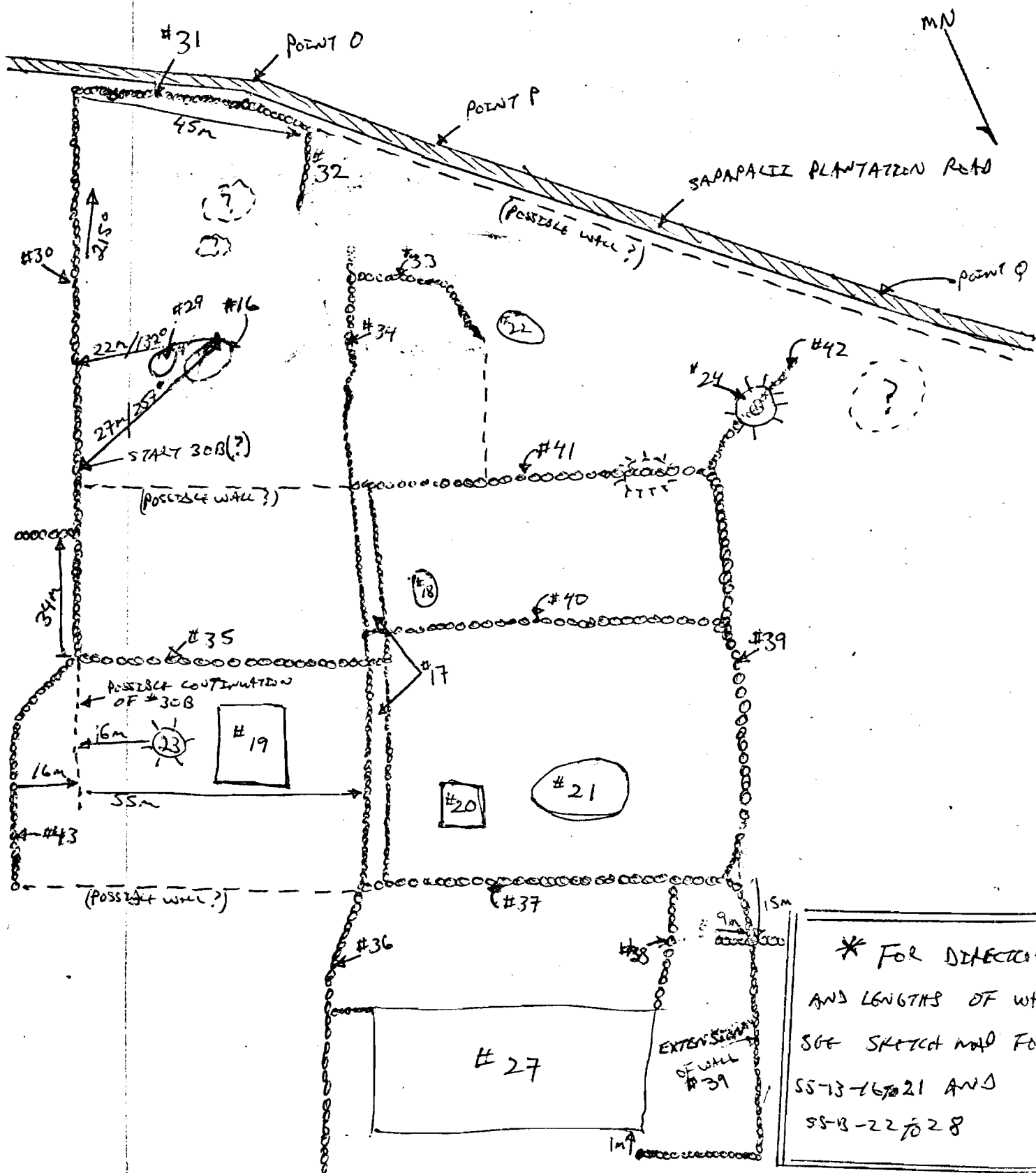
- 1- SMALL, OVAL, STONE PLATFORM OF MODERN HEIGHT
- 2- 5m (90°) X 6m (275°) / 20cm.
- 3- SIMILAR IN CONSTRUCTION AND NAHT W<sup>D</sup> TO SS-13-16
- 4- VERY BADLY GROOMED MAKING EXACT SHAPE AND EXTENT

QUESTIONABLE.

- 5- 90° X 275° / SEE SKETCH MAP ON BELOW (5m SE OF #16)  
AND ON BACK OF PAGE AT CENTER OF PLATFORMS
- 6- FLAT
- 7- COCONUT PLANTATION WITH OBSE FERN AND BRUSH (> 1m tall)
- 8- NONE
- 9- MOALELE WIAO, SAAAPALII
- 10- ?
- 11- ORIENTED IN SAME GENERAL DIRECTION AS #16





SKETCH MAP FOR SS-13-29 TO 43 (NOT 32934)






SS-13-30 / 6.12.76

- 1- STONE WALL WITH VERTICAL STOPS
- 2- 25cm / 80cm  $\rightarrow$  #30A [NEW] (130m)   
 180cm / 40cm  $\rightarrow$  #30B [OLD] (>50m) 
- 3- 30A IS ONLY ONE STONE WIDE AND BUILT OF MEDIUM TO LARGE STONES. 30A IS BUILT ON TOP OF AN OLDER, CRUMBLIER WALL (#30B). 30B IS CONSTRUCTED OF SIMILAR AND SMALLER STONES THAN 30A (THE STONES FOR 30A MAY BE 'BARROWS' FROM 30B)
- 4- 30B DOES NOT EXTEND FOR THE FULL LENGTH OF #30 BUT STARTS NORTHEAST OF #29 (SEE SKETCH MAP FOR #29) & #30B ALSO SEEMS TO EXTEND FURTHER TO THE NORTH THAN #30 (SEE SKETCH MAP FOR #29 TO 43) BUT IS GREATLY DISTURBED AND ONLY SPARSELY RECOGNIZABLE. #30 IS VERY DISTURBED NEAR THE SAPAPAZZI PLANTATION ROAD, REDUCING IN HEIGHT BUT INCREASING IN WIDTH.

SS-13-31 / 6.12.76

- 1- STONE WALL WITH VERTICAL STOPS
- 2- 40cm / 20 to 30cm (45m) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONES (20-40cm). 2 STONES WIDE
- 4- VERY DISTURBED. MAY CONTINUE ALONG SAPAPAZZI PLANTATION ROAD (SEE SKETCH MAP FOR SS-13-29 TO 43) BUT BECAUSE OF A <sup>VERY</sup> DISTURBED NATURE OF POSSIBLE CONTINUATION IT WAS NOT RECORDED AS PART OF #31

SS-13-17 / 20.12.76

ADDITIONAL INFORMATION: BECAUSE OF VEGETATIONAL CLEARING (BY COWS & HORSES) A BETTER ASSESSMENT OF WALLED ROADWAY SS-13-17 WAS MADE ON THE ABOVE DATE. THE TWO WALLS WHICH APPEARED TO BE UNRELATED TO SS-13-17 (SEE NEXT PAGE) ARE IN FACT PARTS OF THE ROADWAY WHICH NOW APPEARS TO BE CONTINUOUS FROM THE SAPAPALI'S PLANTATION ROAD TO WALL SS-13-37. THE WALLS OF THE ROADWAY ARE IN VARIOUS CONDITIONS BUT WHEN 'BORROWING' AND REBORROWING ARE TAKEN INTO CONSIDERATION THEY APPEAR EQUIVALENT TO THE WALLS ALREADY DISCUSSED FOR SS-13-17.

SS-13-32 / 6.12.76

1- STONE wall

2- 160cm / 20cm (25m)

3- CONSTRUCTED OF MEDIUM TO LARGE STONE (10 TO 30 cm)

4- VERY DISTURBED, BARELY TRACABLE THROUGH HEAVY VEGETATION

SS-13-33 / 6.12.76

1- STONE wall

2- 180cm / 30cm (30m)

3- CONSTRUCTED OF MEDIUM TO LARGE STONE (10 TO 40cm)

4- wall VERY worn, MAY CONTINUE TO wall #41

SS-13-34 / 6.12.76


1- STONE wall

2- 150cm / 40cm (28m)


3- CONSTRUCTED OF LARGE STONE (30-50cm)

4- DISTURBED



SS-13-35 / 6.12.76

- 1- STONE WALL WITH VERTICAL STOPS
  - 2- 45cm / 50cm (50m) 
  - 3- CONSTRUCTED OF LARGE STONE (40-50cm), USUALLY ONLY A SINGLE STONE THICK BUT SOMETIMES 2 LAYERS ~~ARE~~ IF STONES SMALL.
  - 4- CONSTRUCTED ACROSS ROADWAY #17 (OVER OLD WALLS 17c9d)
- 

SS-13-36 / 6.12.76

- 1- STONE WALL WITH VERTICAL STOPS
  - 2- 40cm / 100cm (176m) 
  - 3- CONSTRUCTED OF LARGE STONES (ONE STONE WIDE)
  - 4- SOME EVIDENCE OF POSSIBLE OLDER WALL UNDERNORTH (SLIGHT MOUND OF CA. 10cm) BUT MOST OF AVAILABLE STONE WAS USED IN CONSTRUCTING THE PRESENT WALL
- 

SS-13-37 / 6.12.76

- 1- STONE WALL w/ VERTICAL STOPS
- 2- 30cm / 70cm (75m)  → 37A  
130cm / 20cm (75cm)  → 37B
- 3- 37A (ONE STONE WIDE) IS CONSTRUCTED ON TOP OF AN OLDER (LARGER) WALL (37B). 37A CONSTRUCTED OF MORE TO LARGER STONES BUT 37B IS CONSTRUCTED OF SMALLER (SMALLER TO MEDIUM SIZED) STONES.
- 4- DIRT FROM SS-13-28 (UNDER 12') BURTS UP AGAINST AND SEEMS TO GO OVER 37B, BUT 37A IS DEFINITELY BUILT OVER THE DIRT FROM #28.

SS-13-38 / 6.12.76

- 1- STONE WALL
- 2- 60 cm / 30 cm (30 m)  $\infty$
- 3- CONSTRUCTED OF LARGE STONES WITH VERY FEW STONES SITUATED ON TOP OF EACH OTHER.

SS-13-39 / 6.12.76

- 1- STONE WALL w/ VERTICAL STOPS
- 2- 25 cm / 100 cm (90 m)  $\S \leftarrow 39A$
- 3- CONSTRUCTED OF LARGE STONES (30-40 cm) USUALLY ONLY ONE STONE THICK
- 4- NOT POSSIBLE TO TELL IF WALL #39 CONTINUOUS BETWEEN #37 AND #41 OR BROKEN BY #40  
(SEE BACK OF PAGE FOR MORE INFO.)

SS-13-40 / 6.12.76

- 1- STONE WALL w/ VERTICAL STOPS
- 2- 25 cm / 70 cm (75 m)  $\S \rightarrow 40A$   
250 cm / 30 cm (75 m)  $\rightarrow 40B$
- 3- 40A CONSTRUCTED OVER 40B. 40A CONSTRUCTED OF MEDIUM SIZED STONES AND IS ONE STONE WIDE. 40B CONST. OF SMALL TO MEDIUM SIZED STONE
- 4- 40A MAY BE CONSTRUCTED FROM LARGER MATERIALS AVAILABLE FROM 40B.

SS-13-39/15.12.76 (RECHECK)

39B- RUBBLE UNDER #39A, MATERIAL FOR 39A 'ROBBED' FROM 39B.

240cm/10cm (90m) EXTENDS FOR FULL LENGTH OF #39A

39C- BETWEEN WALL #37 AND #48, WALL IS MUCH LOWER BUT  
MUCH WIDER, CONST MINGLY OF SMALL TO MEDIUM STONES

380cm/20cm (15m) WITH SOME LARGE STONES

39D- BETWEEN WALL #48 AND #62, TALLER AND THINNER THAN  
#39C, CONST OF MORE MEDIUM TO LARGE STONES THAN #39C

200cm/30cm (37m)

SS-13-41/6.12.76

- 1- STONE WALL
- 2- 25cm/60cm (75m) → 41A 8  
250cm/40cm (75m) → 41B
- 3- 41A IS CONSTRUCTED OF MEDIUM SIZED STONE AND IS ONE STONE WIDE. 41B (UPON WHICH 41A IS BUILT) CONSISTS OF SMALL TO MEDIUM SIZED STONE.
- 4- 41A MAY BE CONSTRUCTED OF MATERIALS BORROWED FROM 41B (WHICH IS OLDER). AT NW END OF 41 THERE IS A SLIGHT (30-40cm) STONY RISE (SEE SKETCH MAP FOR SS-13-29 TO 43)

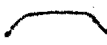
SS-13-42/6.12.76

- 1- STONE WALL
- 2- 50cm/40cm (14m) 8
- 3- CONSTRUCTED OF MEDIUM TO LARGE (10-40cm) STONE. 1 OR 2 STONE WIDE
- 4- WALL IS BUILT OVER, BUT NOT INTO CENTER CHANNE, OF D24 (MUNITE)


SS-13-43/6.12.76

- 1- STONE WALL
- 2- 25cm/70cm (50m+) 8
- 3- CONSTRUCTED OF MEDIUM STONE. ONLY ONE STONE WIDE
- 4- NOT FOLLOWED TO END.

SS-13-44 / 8.12.76

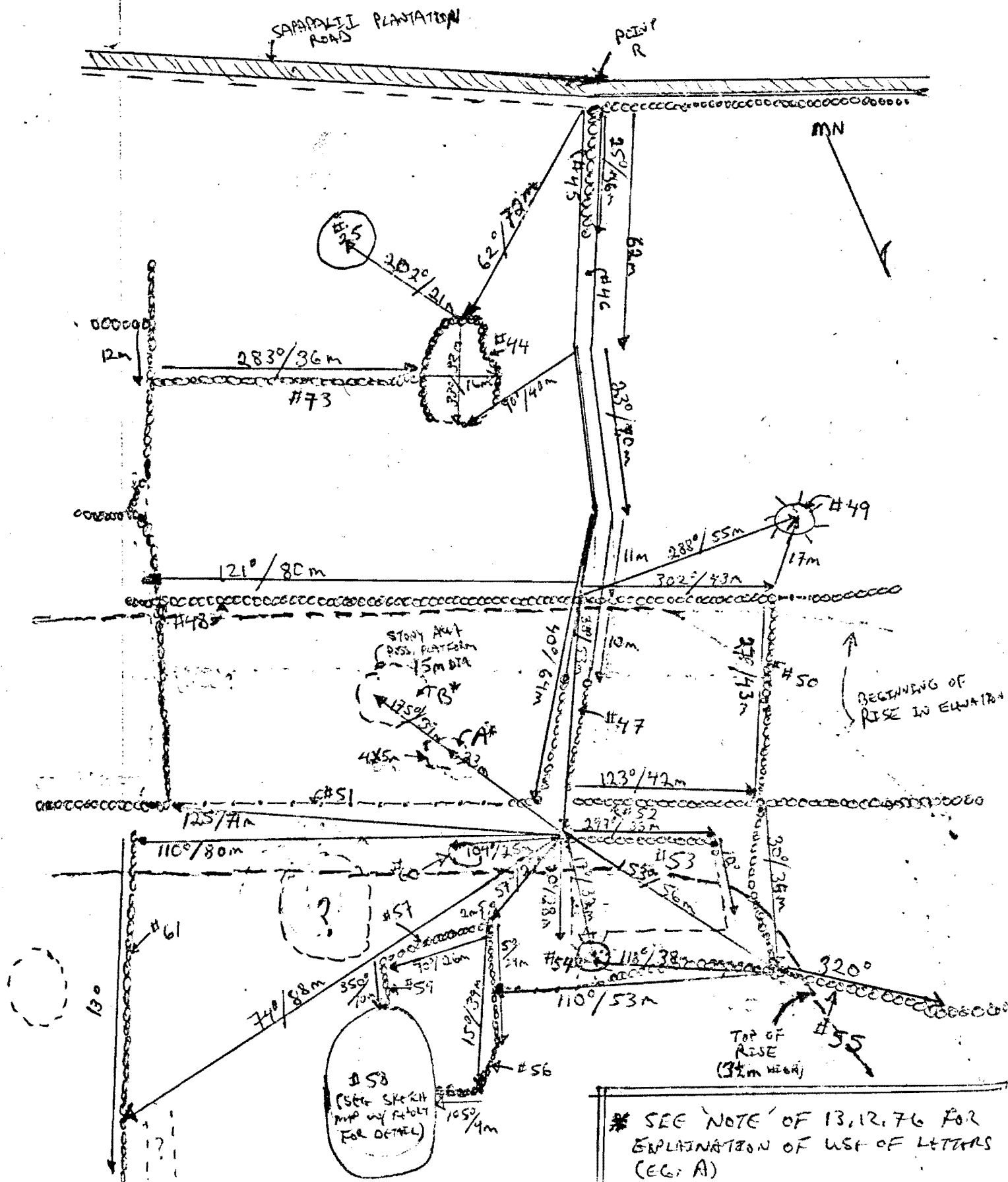
- 1- STONE WALL (ENCLOSURE?)
  - 2- 100cm / 30cm (ca 90m) 
  - 3- COMPOSED OF MEDIUM TO LARGE STONE (20-40cm)
  - 4- SEEMS TO MAKE AN ELLIPTICAL ENCLOSURE BUT NE WALL IS VERY DISTURBED AND MISSING (?) IN PLACES
- 

SS-13-45 / 8.12.76

- 1- STONE WALL
- 2- 30cm / 70cm (40m) 
- 3- CONSTRUCTED OF LARGE STONE; ONLY ONE STONE WISE.
- 4- AS CURBING FOR ELEVATED ROADWAY (SS-13-46) ONLY VERY SPARCELY EVIDENT (BUT EARTH FILL PREVALENT) #45 SEEMS TO BE CONSTRUCTED OF THE CURBING STONES FROM THE ROADWAY (WHICH ARE THE SAME SIZE).  
CONSTRUCTED ON EARTH FILL OF #46



# SKETCH MAP FOR SS-13-44 TO 61 AND 73; AND PRA TO B\*



SS-13-46 / 8.12.76

- 1- LARGE ELEVATED ROADWAY OF MEDIUM HEIGHT
- 2- 4.5 m. WIDE / 30 cm HIGH (153 m. LONG) ~~DEARTH~~
- 3- ROADWAY IS CURBED WITH LARGE STONE (30-50 cm) ON BOTH SIDES AND FILLS WITH EARTH BETWEEN.
- 4- ROADWAY IS QUITE DISTURBED FOR THE FIRST 90 m. NORTH OF THE SAPAPALIZ PLANTATION ROAD BUT CURBING BECOMES MORE EVIDENT AS THE ROADWAY APPROACHES WALL #48.

THE ROADWAY BECOMES HIGHER (50 cm) AFTER IT IS CROSSED BY WALL #48 AND CROSSES A SLIGHT DEPRESSION BEFORE BEGINNING IT ASCENDS UP A GENTLE RISE LEADING TO #53

ROADWAY #46 HAS TWO WALLS CONSTRUCTED OVER IT. WALL #45 (SEE SKETCH MAP) IS PROBABLY YOUNGER THAN ROADWAY #46 AND SEEMS TO BE CONSTRUCTED FROM THE CURBING OF THE ROADWAY. WALL #48 CROSSES OVER THE ROADWAY IN AN EAST/WEST DIRECTION AND DOES NOT USE ANY OF THE ROADWAY CURBING FOR CONSTRUCTION MATERIAL.


THE ROADWAY IS DENSELY COVERED WITH FERNS AND BRUSH (1-1.5 m TALL). IT ALSO HAS MANY LARGE TREES (COCONUT AND OTHER TYPES) OF BETWEEN 20 AND 30 m. <sup>TALL</sup> GROWING ON IT.

#46 CONTINUES UPSLOPE AFTER WALL #48 BUT CHANGES INTO A WALLED ROADWAY (#47) ca. 10 m NORTH OF #48


NO EVIDENCE VISIBLE THAT #46 EXTENDS SOUTH OF SAPAPALIZ PLANTATION ROAD

PHOTO: ROLL 1 (BY W) #16. PORTION OF WEST CURBING 10 m S OF WALL #48. FROM 5 m N, TO S. (1 m. SCALE IN PHOTO.)

SS-13-47/8.12.76

- 1- WALLED ROADWAY (EXTENSION OF #46)
- 2- WALLS: 120cm/30cm (43m)   
ROADWAY: 3m WIDE (FROM CENTER OF WALLS)
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE
- 4- <sup>WALLS</sup> MAY HAVE EXTENDED FURTHER SOUTH ON TO ELEVATED  
ROADWAY #46 BUT MATERIAL MAY HAVE BEEN 'ROBBED'  
TO CONSTRUCT WALL #48

SS-13-48/8.12.76

- 1- STONE WALL
- 2- 40 cm / 70 cm (123 + m) 
- 3- CONSTRUCTED OF LARGE STONES (30-70 cm). 2 STONES THICK IN MOST PLACES
- 4- BADLY ERODES AND BROKEN DOWN IN PLACES. THE WALL DOES CROSS OVER ELEVATED ROADWAY (#46). #48 CONTINUES FOR > 50 m. PAST ITS INTERSECTION WITH WALL #50. BUT THERE IS A SHORT (0.5 m) BREAK IN THE WALL JUST WEST OF THE INTERSECTION WITH #50.
- WALL IS APPROXIMATE LOWER EXTENT OF 0.3 m. HIGH HILL

SS-13-49/8.12.76

- 1- SMALL CIRCULAR EARTH MOUND OF MEDIUM HEIGHT ('umu ti'?)
- 2- 7 m. DIAMETER / 40 cm.
- 3- EARTH SIDES WITH STONE AND EARTH CENTER. THE CENTER IS 4 m IN DIAMETER AND OUTLINES IN PLACES BY LARGE STONES (30-40 cm) NO NOTICABLE DEPRESSION IN CENTER BUT SLIGHT <sup>(10 cm)</sup> RISE ON WEST EDGE.
- 4- BADLY DISTURBED (BY PIGS?)
- 5- LOCATED 17 m. SOUTHWEST OF INTERSECTION OF WALL #48 AND #50
- 6- RELATIVELY FLAT
- 7- COCONUT PLANTATION WITH BUSH AND WEEDS UNDERNEATH.
- 8- WALLS (#48 + 50) TO NE. ROADWAY #46 TO EAST
- 9- SAPPALEI VILLAGE
- 10- ?


(OVER)

55-13-49 (CONT.)


11- NONE

12- NONE


SS-13-50 / 8.12.76

- 1- STONE WALL
- 2- 150 cm / 40 cm (78 m) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE
- 4- BECAUSE OF THE DECOMPOSED NATURE OF WALL #50 AND #52 IT IS NOT POSSIBLE TO TELL IF #50 GOES OVER OR UNDER #52

SS-13-51 / 8.12.76

- 1- STONE WALL
- 2- 180 cm / 40 cm (20 cm AFTER FIRST 3 m) (70 m.?) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE (10-30 cm)
- 4- VERY ERODED, ALMOST NON-EXISTANT AFTER FIRST 5 m. WEST OF #47. MAY BE SOUTHERN (LOWER) EDGE OR ELEVATOR/WALLS ROADWAY (SEE SS-13-62 AND 63 FOR POSSIBLE INTERRELATIONSHIPS)

SS-13-52 / 8.12.76

- 1- STONE WALL
- 2- 90 cm / 40 cm (42+ m) 
- 3- CONSTRUCTED OF LARGE STONE
- 4- CAN'T TELL IF OVER OR UNDER #50. WALL EXTENDS FOR >100 m. WEST OF INTERSECTION WITH #50 AND CONTIGUOUS WITH OTHER WALLS IN PLATFORM AND WALL CONTINUES TO WEST. OF ALTA SURVEYED ON 8.12.76.

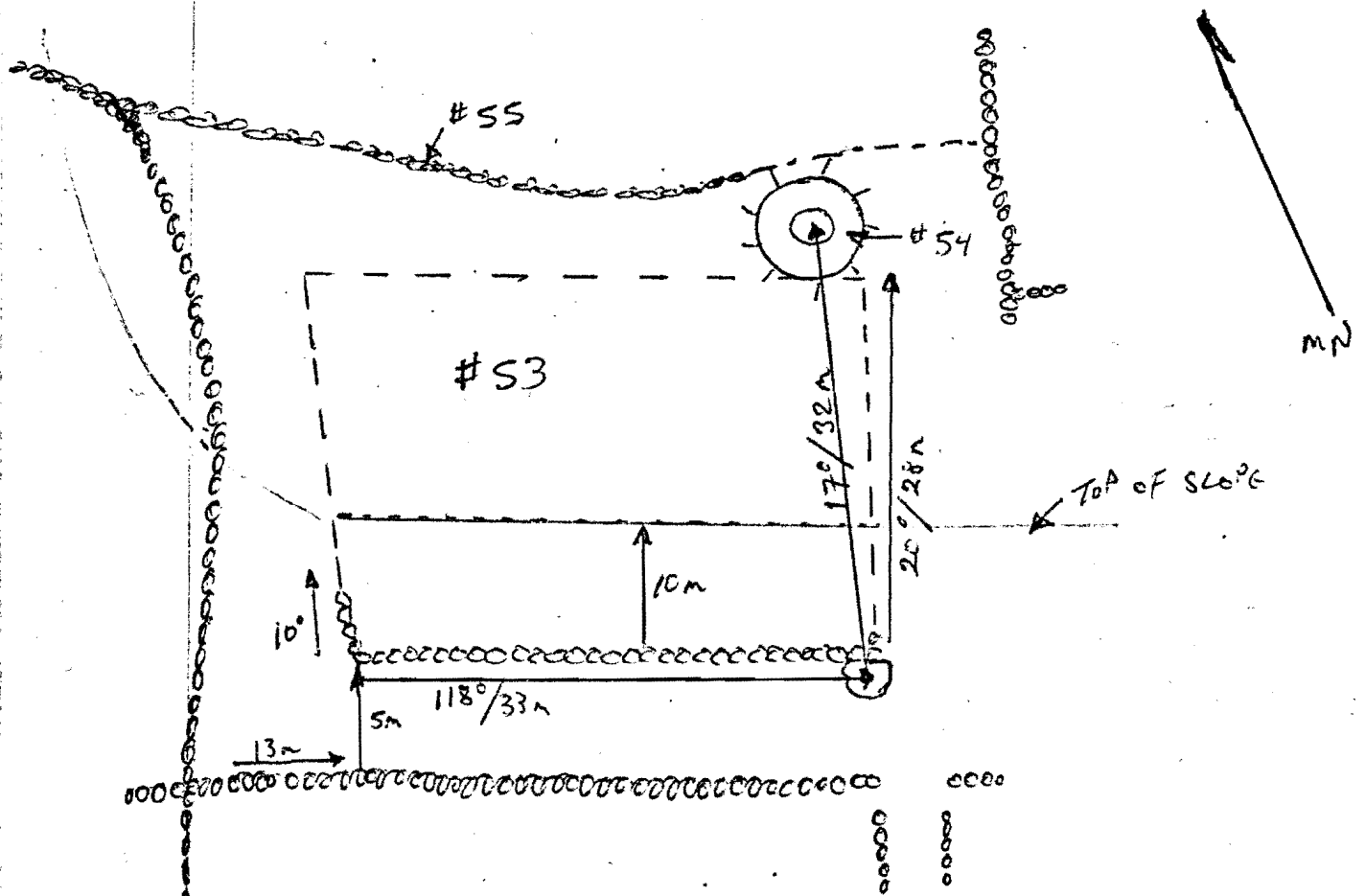
SS-13-53 / 8.12.76

- 1- LARGE mound (MODIFIED HILL)
- 2- 28m. ? (20°) X 33m (118°) / 2 m. ABOVE SOUTHWEST EDGE  
CA. 3½ m. ABOVE #48
- 3- DOWNHILL (SW) EDGE COMPOSED OF LARGE STONE (40-50cm) GIVING AN INITIAL STEP (FACING) OF 40 cm. BEFORE 10 m. OF SLOPING SURFACE (30°) TO A HEIGHT OF CA. 2 m. THE SLOPING SURFACE CONSISTS OF MEDIUM TO LARGE STONE AS DOES THE REST OF THE MOUND. THERE IS SOME EVIDENCE OF CURBING ON THE NW EDGE (3 OR 4 STAIRS IN LINE) NEAR THE SW EDGE (SEE SKETCH MAP BELOW). ONE VERY LARGE STONE (80 cm) LOCATED IN SOUTH CORNER. THIS LARGE STONE HAS STONE UNDER AND UP HILL OF IT AND MAY HAVE BEEN ON SW EDGE BUT FALLEN. SURFACE OF mound (medium stone) seems to be only 1 to 2 stones <sup>(medium stone)</sup> THICK BUILT USING THE NATURAL SLOPE UPON WHICH IT SITS. UPHILL (NE) EDGE GROWS <sup>LEVEL</sup> GRASS.
- 4- EXACT NORTHERN EXTENT UNCERTAIN.
- 5- VERY DISTURBED SURFACE AND EDGES
- 6- 20° X 118° / SEE SKETCH MAP FOR SS-13-44 TO 61
- 7- SLOPING ON SOUTHERN PORTION, FLAT ON NORTHERN PORTION
- 8- COCONUT TREES AROUND (SOME > 25m TALL) WITH DENSE FERN (2m TALL) AND MILK-A-MINUTE COMPLETELY COVERS MOUND AND SURROUNDING AREA.
- 9- 'umu TI' (#54) TO NE OF MOUND AND MAY BE ON OR BETWEEN MOUNDS BUT BECAUSE OF THE DISTURBED NATURE OF THE MOUND IT IS IMPOSSIBLE TO TELL WITHOUT EXCAVATING
- 10- VILI MILE, SAPAPALI
- 10- ?

(OVER)

SS-13-53 (CONT)

- 11- IF COCONUT TREES WERE CLARED #53 WOULD HAVE A COMMANDING VIEW OF THE ENTIRE AREA
- 12- ROLL 1 (B&W): #15 SW CORNER FROM 5m SOUTH TOWARD N  
(1m. SCENE IN PHOTO)






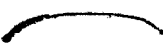
SS-13-54 / 11.12.76

- 1- 'umu TI'
- 2- 7m DIAMETER (3m. DEAMTER DEPRESSION) / 20-30 cm.
- 3- EARTH SLOPS WITH A STONE LINED DEPRESSION (CA. 30cm DEEP)  
OUTLINES (DEPRESSION) WITH LARGE STONE AND FILLED WITH  
MEDIUM TO LARGE STONES (20-30 cm) SOME OF WHICH  
ARE 'FLAT RECOVERED'.
- 4- VERY BADLY DISTURBED (BUT IN BETTER SHAPE THAN #49)
- 5- ON NE CORNER OF mound #53 (SEE SKETCH MAP AT END  
OF REPORT FOR #53)
- 6- ON TOP OF HILL ON RELATIVELY FLAT TERRAIN
- 7- SAME AS #53
- 8- MAY BE BUILT ON OR BEHIND #53 BUT UNCERTAIN WHICH.  
STONE WALL #55 TO N MAY HAVE BEEN USED AS BARROW  
MATERIAL FOR THE 'umu' AS THE WALL IN CLOSE  
PROXIMITY TO THE 'umu' IS MISSING MOST OF ITS ROCKS.
- 9- SAME AS #53
- 10- POSSIBLY 'umu' YOUNGER THAN WALL (#55) AS MENTIONED  
IN 8 ABOVE. BUT UNSURE OF RELATIONSHIP WITH mound (#53)
- 11- SEE 8 AND 10 ABOVE
- 12-


SS-13-55/11.12.76

- 1- STONE WALL
- 2- 120 cm / 50 cm (53m+ CONTINUES TO WEST) 
- 3- CONSTRUCTED MAINLY OF LARGE STONES WITH SOME MEDIUM SIZED STONES IN RUBBLE
- 4- CONTINUES TO WEST PAST INTERSECTION WITH WALL #50 FOR 750m BUT IN IMPROVED CONDITION (THINNER/HIGHER). WALL #55 (LIKE #52) CONNECTS WITH OTHER WALLS AND PLATFORMS IN A COMPLEX TO THE WEST OF AREA SURVEYED ON 8.12.76 AND 11.12.76

SS-13-56/11.12.76

- 1- STONE WALL (WALKWAY?)
- 2- 170 cm / 40 cm (50m) 
- 3- CONSTRUCTED MAINLY OF MEDIUM SIZED STONE w/ SOME LARGE STONES IN RUBBLE
- 4- CONNECTS WITH (?) PLATFORM #58. SIMILAR TO WALL #57 WHICH INTERSECTS WITH IT ON ITS (#56) SOUTHERN END. WALL #56, #57 AND #59 FORM AN ENCLOSURE w/ PLATFORM #58

SS-13-57/11.12.76

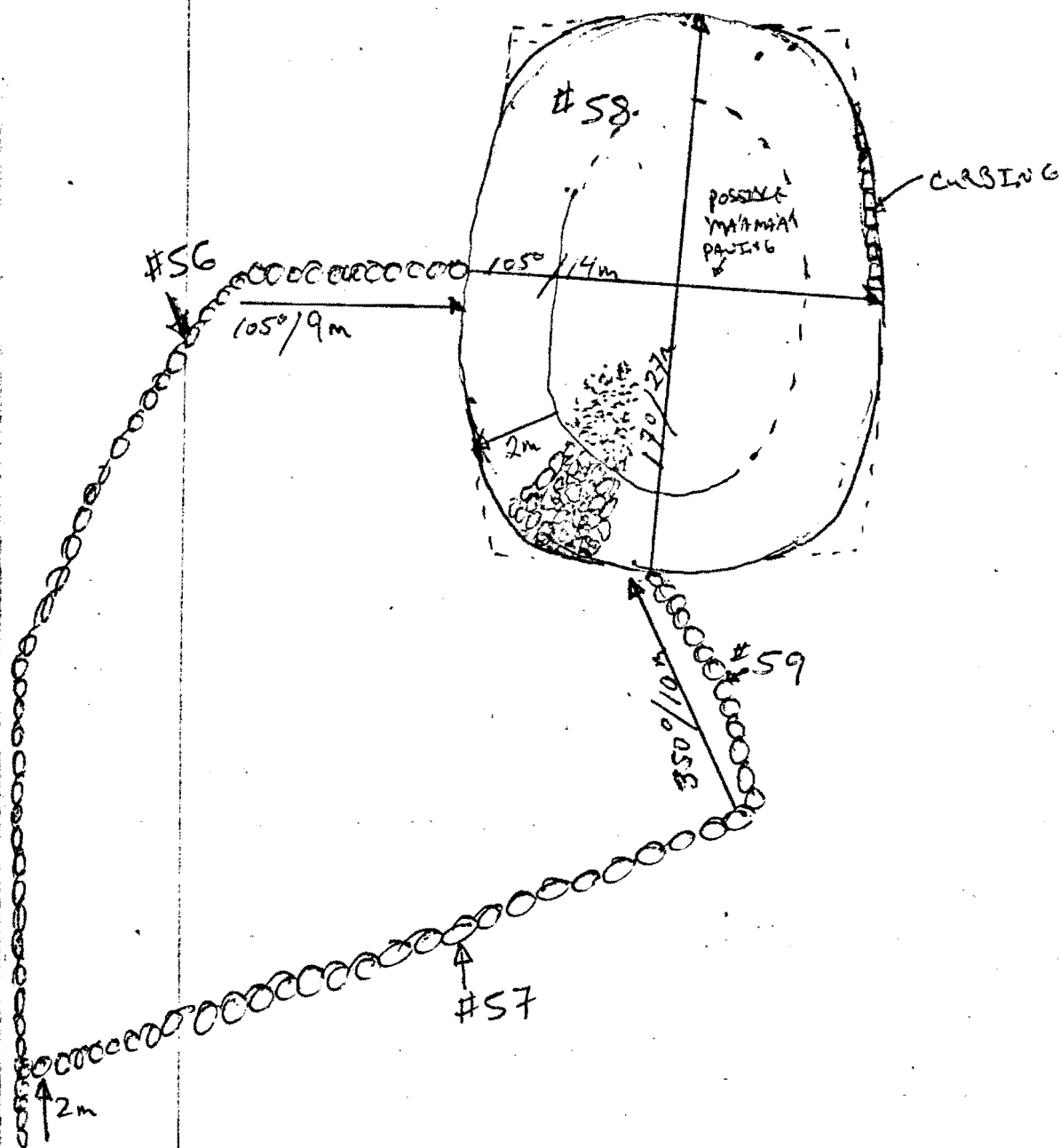
- 1- STONE WALL
- 2- 190 cm / 30 cm (26m) 
- 3- CONSTRUCTED MAINLY OF MEDIUM SIZED STONE w/ SOME LARGE STONE
- 4- SIMILAR TO #56.

SS-13-58 / 11.12.76

- 1- ~~MEDIUM~~<sup>SIZE</sup> LOW, OVAL(?) STONE PLATFORM
- 2- 14m (105°) X 27m (17°) / 20cm.
- 3- OUTER 2m. COMPOSED OF LARGE STONE (30-40cm) WHICH INNER AREA <sup>SURFACE</sup> COMPOSED OF SMALL TO MEDIUM STONE WHICH MAY HAVE BEEN 'MA'AMA'A' PAVING. THE SHAPE IS INCONCLUSIVE (COULD BE RECTANGULAR OR OVAL) AS CURSING WAS FOUND ONLY ALONG EAST EDGE AND OBSCURED BY COCONUT TRUNKS AND DISRUPTION IN OTHER PLACES. PLATFORM SEEMS TO BE ONLY 1 OR 2 STONES THICK.
- 4- VERY DISTURBED ON SURFACE AND EDGES MAKING THE DETERMINATION OF INTERNAL AND EXTERNAL SHAPE AND SIZE QUESTIONABLE.
- 5- 105° X 17° / SEE SKETCH MAP FOR SS-13-44 TO 61 AND SKETCH MAP AT END OF THIS REPORT.
- 6- RELATIVELY FLAT BUT ON TOP OF SMALL RISE (SEE SKETCH MAP FOR SS-13-44 TO 61).
- 7- COCONUT PLANTATION WITH SOME TRUNKS > 25 cm (ON PLATFORM) DENSE FERNS (CA 3m TALL) AND BRUSH ON PLATFORM
- 8- WALLS #56, #57 AND #59 MAKE AN ENCLOSURE w/ PLATFORM TO SW. WALLS #56 AND #59 BUT W/ AGAINST PLATFORM
- 9- SAPAPALII VILLAGE
- 10- ?
- 11-
- 12-

(SKETCH MAP ON BACK OF PAGE)

SKETCH MAP FOR SS-13-56 TO 59



SS-13-59 / 11.12.76

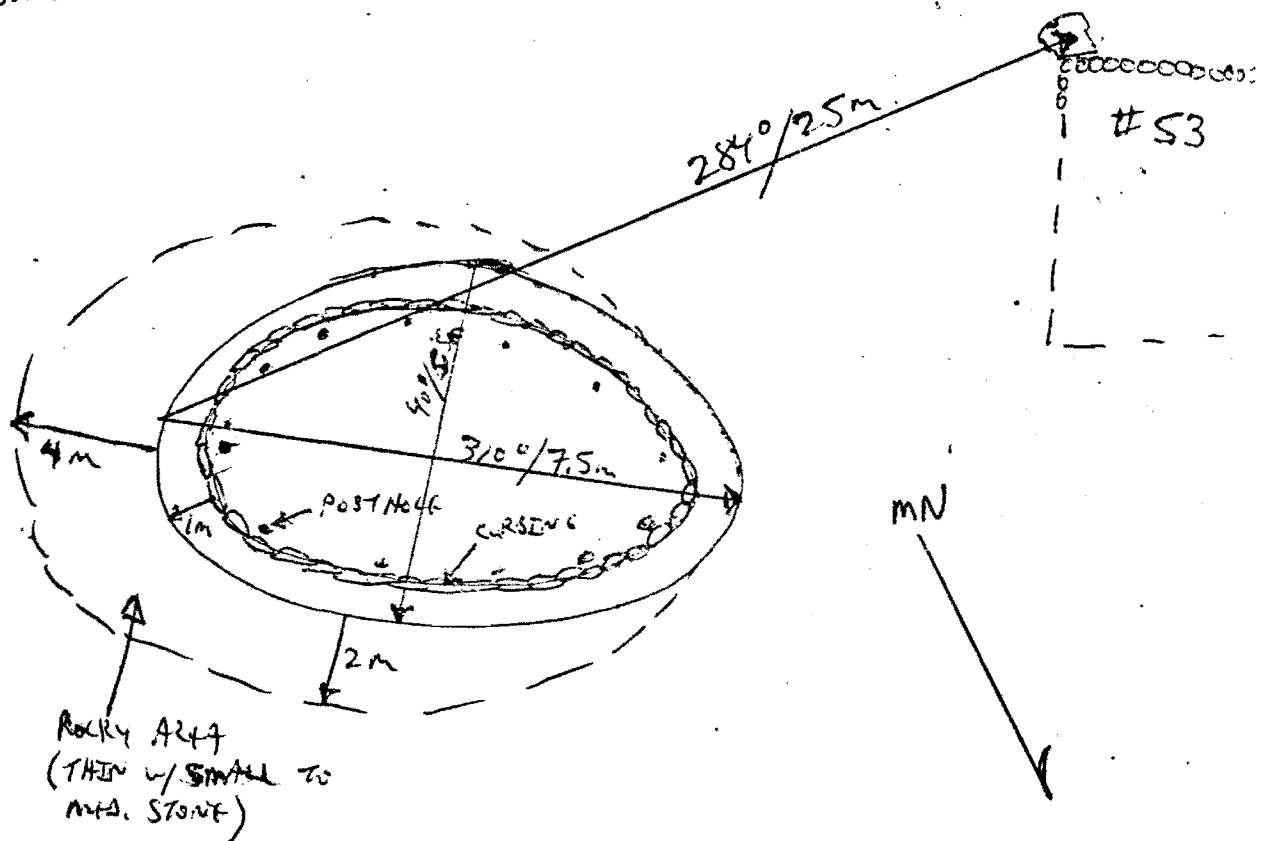
- 1- STONE WALL
- 2- 280 cm / 30 cm (10 m)
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE (SIMILAR TO #56 & #57)
- 4- BUTTS UP AGAINST PLATFORM #58. VERY DISTURBED.

SS-13-60 / 11.12.76


- 1- SMALL, OVAL, STONE PLATFORM OF MEDIUM HEIGHT
- 2- 5.5 m (40°) X 7.5 m (310°) / 40 cm ON DOWNHILL (SW) EDGE
- 3- STONE CURBING OF MEDIUM SIZED STONE 10 cm ON UPHILL (NE) EDGE
- 3- STONE CURBING OF MEDIUM SIZED SURROUND AN INNER AREA WITH 12 POSTHOLDS <sup>(CA. 80 CM APART)</sup> AND A MIA'A MIA'A' PAVING. OUTSIDE OF THE CURBING ARE MORE MEDIUM SIZED STONE FOR BETWEEN 12 2 m. (SEE SKETCH MAP AT END OF THIS REPORT). THE OUTSIDE
- 4- EDGE IS VERY ERODED BUT THE AREA INSIDE THE CURBING AND POSTHOLDS ARE IN VERY GOOD SHAPE. SOME OF THE POSTHOLDS STILL CONTAIN POTTER WOOD.
- 5- 40° X 310° / SEE SKETCH MAP FOR SS-13-44 TO 61
- 6- GENTLY SLOPING
- 7- COCONUT ABOVE (NONE ON PLATFORM) WITH ONE SO FERN & MILK-A-NIGHT ON PLATFORM (REMOVED FOR SURVEY)
- 8- BESIDES THE POTTER POSTS ON THE PLATFORM 2 'STEINRAGER' BOTTLES AND WHAT IS LEFT OF AN OLD (POTTER) WOODEN MORTAR (COCOA POWDER) WERE FOUND ON THE PLATFORM. THE PLATFORM ALSO HAS A ROCKY AREA SURROUNDING (OVER)

SS-13-00 (CONT)

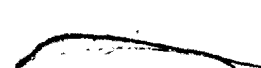
- 8- MOST OF THE PLATFORM (THIS MAY BE THE REMAINS OF AN OLDER PLATFORM).
- 9- SAPAPALII VILLAGE
- 10- PROBABLY A MODERN 'FALL' USED WITHIN THE LAST 5-10 YEARS ALTHOUGH IT MAY(?) BE BUILT OF AND ON AN OLDER PLATFORM
- 11- MODERN 'FALL', SIMILAR IN CONSTRUCTION, SHAPE, AND SIZE TO SS-13-19A
- 12- NONE




SS-13-61/11.12.76

- 1- STONE WALL
- 2- 130 cm / 30 cm (THINER/HIGHER IN PLACES) (95m) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE (10-30 cm)  
TALLER PORTION OF WALL ONLY ONE STONE THICK
- 4- WALL BECOMES THINNER/THICKER (30 cm / 80 cm) AS WALL GOES NORTH (PROBABLY REBUILT)

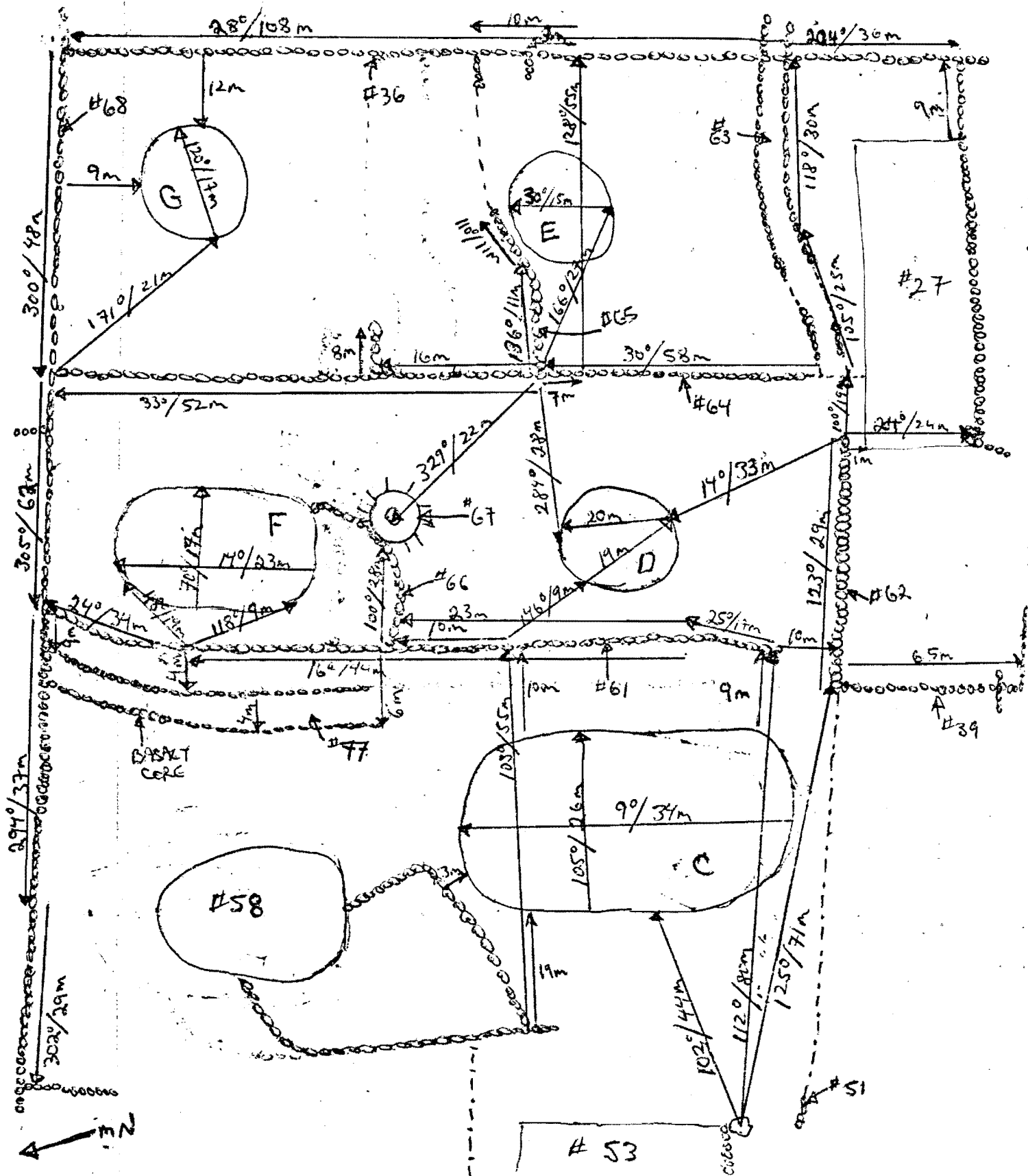
SS-13-62/13.12.76

- 1- STONE WALL
- 2- 300 cm / 20 cm (29m) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE
- 4- MOST MASSIVE ON EASTERN PORTION (MAY BE DUE TO INTERSECTION WITH OTHER WALLS). POSSIBLE CONTINUATION OF SS-13-51.

SS-13-63/13.12.76

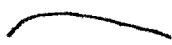
- 1- WALLS ROADWAY
- 2- WALLS: 170 cm / 30 cm (55+m)   
ROADWAY: 4 m WIDE (FROM CENTER OF WALLS)
- 3- CONSTRUCTED OF MEDIUM SIZED STONE (10-30 cm)
- 4- THE ROADWAY IS VERY ERODED AND HARD TO FOLLOW IN PLACES  
(ESPECIALLY AS IT NEARS WALL #64). CONTINUES TO EAST OF WALL #36 WHERE IT IS ELEVATED AND WALLS ON SOUTH SIDE (BUT WALL MAY BE REBUILT?)  
MAY CONNECT WITH WALL #62 AND #51 TO FORM A MUCH CONCRETE ROADWAY (SOME [SLIGHT] EVIDENCE OF WALLS <sup>(ROADWAY EDGES)</sup> NORTH OF WALL #62 & #51)  
BECAUSE OF LACK OF LARGE AMOUNT OF PILES SEEN AS #63 APPROXIMATES #27B IT MAY(?) CHANGE FROM A WALLS ROADWAY TO AN ELEVATED (10cm) ROADWAY

AND SS-13-73






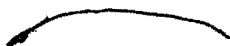
SS-13-64/13.12.76

- 1- STONE WALL
- 2- 260 cm / 30 cm (110 m) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE
- 4- BADLY DISTURBED. WALL HAS LOTS MISSING AT INTERSECTION OF WALLS ROADWAY # 63

SS-13-65/13.12.76

- 1- STONE WALL
- 2- 180 cm / 40 cm (22 m?) 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE
- 4- BADLY DISTURBED (ESPECIALLY TO NORTH OF PP-E)  
MAY CONTINUE TO WALL # 36

SS-13-66/13.12.76

- 1- STONE WALL
- 2- 230 cm / 20 cm (CA. 35 m) 
- 3- CONSTRUCTED OF SMALL TO MEDIUM STONE
- 4- HEAVILY COVERED WITH FERNS, BRUSH AND LARGE TREES  
PARTLY COVERED BY (?) 'MUN TI' (#67)

NOTE: 13.12.76

BECAUSE OF THE NUMEROUS 'LOW STONY AREAS' OF QUESTIONABLE ARCHAEOLOGICAL SIGNIFICANCE (I.E.: AREAS WHICH MAY BE PLATFORMS BUT BECAUSE OF THEIR DISTURBED NATURE, LACK OF CURBING, PAVING OR AN EXACT SHAPE DO NOT WARRANT THE ASSIGNMENT OF A SITE NUMBER) A NEW CATEGORY OF 'POSSIBLE PLATFORMS' (I.E.: PP) WILL BE USED. ALL 'PP'S' WILL BE LETTERED (EG: PP-A; PP-B; ETC.).

PP-A / 13.12.76

- 1- OBLONG OF MEDIUM HEIGHT
- 2- 4m X 5m / 30cm
- 3- CONSTRUCTED OF SMALL TO MEDIUM STONES.
- 4- VERY DISTURBED, DENSELY COVERED WITH FERNS

PP-B / 13.12.76

- 1- LOW, CIRCULAR
- 2- 15m. IN DIAMETER / 10cm
- 3- MAINLY SMALL TO MEDIUM STONE W/ A FEW LARGE STONE (30cm)
- 4- ABOUT  $\frac{1}{3}$  IS ROUGHLY CLEARED WHILE THE REST IS DENSELY COVERED WITH FERN

PP-C / 13.12.76

- 1- Low, OBLONG
  - 2- 26m (105°) X 36m (9°) / 10cm
  - 3- MAINLY CONSTRUCTED OF MEDIUM STONE W/ A FEW LARGE STONES (30cm)
  - 4- SURFACE DISTURBED (POTTED IN PLACES),  $\frac{2}{3}$  COVERED W/ DENSE FERN ( $\frac{1}{2}$  TO  $\frac{3}{4}$  m TALL)
- 

PP-D / 13.12.76

- 1- Low, CIRCULAR
  - 2- 20 m DIAMETER / 10-20 cm
  - 3- CONSTRUCTED OF SMALL TO MEDIUM STONES
  - 4- SURFACE VERY DISTURBED AND ENTIRELY COVERED W/ DENSE FERN ( $\frac{3}{4}$  - 1m TALL)
- 

PP-E / 13.12.76

- 1- Low, CIRCULAR
- 2- 15 m. DIAMETER / 10 cm
- 3- SMALL TO MEDIUM STONE
- 4- EDGE: VERY DISTURBED IN PLACES

SS-13-67 / 14.12.76

- 1- 'UNMI TI'
- 2- 9m. DIAMETER / 40cm  
STONE COVERS CENTER: 2.5m. DIA / 10cm. DEEP
- 3- EARTH MOUND W/ A STONE LINES CENTER W/ A SLIGHT DEPRESSION, CENTER DEPRESSION FILLED WITH MEDIUM TO LARGE STONE (10-40cm)
- 4- FARE
- 5- SEE SKETCH MAP FOR SS-13-61 TO 68
- 6- FLAT
- 7- COCONUT TREES ON EDGE (20-25m. TALL), LIGHT FERN COVER ON SITE
- 8- DIRT FROM 'UNMI TI' SEEMS TO BE THROWN UP AGAINST WALL # 66 BUT THERE ARE TOO MANY TREES IN THE AREA TO MAKE ANY POSITIVE STATEMENTS
- 9- SAPAPALIZ VILLAGE
- 10- ?
- 11- INTERIOR STILL FILLED W/ STONE, PROBABLY NOT 'OPRIDS' AFTER 'FIREING'
- 12 - NONE


PP-F/14.12.76

- 1- Low, oblong
- 2- 17m (90°) X 23m (90°) / 10cm
- 3- small to medium stone
- 4- densely covered w/ fern (intake) and brush.

PP-G/14.12.76

- 1- Low, circular
- 2- 17 m. diameter / 10 cm.
- 3- small to medium stone
- 4- edge very disturbed

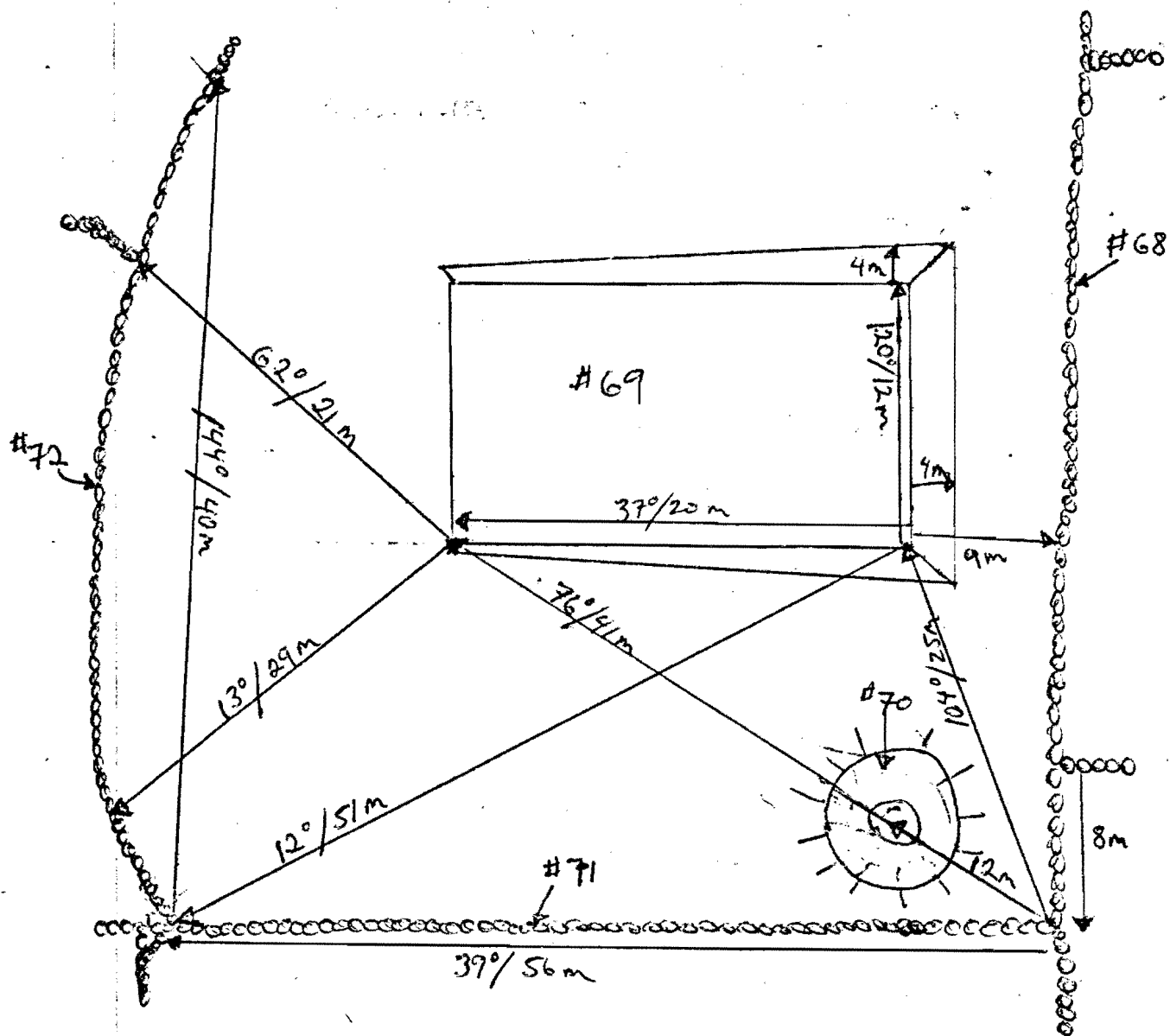
SS-13-68/14.12.76

- 1- stone wall
- 2- 40 cm / 110 cm (260m) 
- 3- constructed of medium to very large stone, one stone thick
- 4- much smaller stone in general area (may be rubble from old wall). Wall # 68 definitely built after wall # 64 since stones from # 64 used to construct # 68. <sup>near intersection of walls</sup>  
wall # 68 becomes thicker and shorter east of wall # 36, very disturbed at intersection with roadway # 73 but continues west of # 73 much as before becomes very much thicker/shorter ( ) north of 'unn TL' # 78

SS-13-69 / 14.12.76

- 1- MEDIUM SIZED, RECTANGULAR, STONE PLATFORM
- 2- 12m (121°) X 20m (370°) /  $\frac{3}{4}$  to 1m.
- 3- UPPER PART OUTLINED WITH STONE FACING/CURBING, 20cm HEIGHT. A SLOPING AREA (20° slope) EXTENDS FOR CA. 4m. TO THE SE AND S. (SEE SKETCH MAP FOR SS-13-69 TO 72) BUT IS PACKING ON THE N AND NW. FACING/CURBING CONSTRUCTED OF LARGE STONE. SURFACE OF PLATFORM CONSTRUCTED MAINLY OF SMALL TO MEDIUM STONE w/ SOME LARGE (30-40cm) STONES ALSO EMBEDD. NO PAVING EVIDENT
- 4- GOOD
- 5- 121° X 37° / SEE SKETCH MAP
- 6- RELATIVELY FLAT (SLIGHT HEIGHT DIFFERENCE BETWEEN NORTH<sup>(LOW)</sup> AND SOUTH<sup>(HIGH)</sup> CORNERS OF SITE)
- 7- COCONUT TREES ON CORNERS OF SITE (20m TALL) THICKLY COVERED WITH FERN (1m. TALL) AND BRUSH
- 8- 'UNNU TI' (#70) TO SW, WALLS SURROUNDING SITE (EXCEPT ON EAST SIDE)
- 9- SAPAPALI VILLAGE
- 10- ?
- 11- NONG
- 12- NONG

SKETCH MAP FOR SS-13-69 TO 72\*





\* SS-13-73 ON MAP FOR  
SS-13-44 TO 54

SS-13-70 / 14.12.76


- 1- 'unm TI' (?)
- 2- 8 m. DIAMETER / 50 cm  
STONE LINGS CENTER: 2.5 m. DIAMETER / 10-20 cm. DEEP
- 3- CIRCULAR MOUND WITH RAISED EARTH AND STONE SIDES; SLIGHT  
(10-20 cm)  
DEPRESSION AT STONE LINGS CENTER. RIM OF CENTER  
DEPRESSION PARTLY LINED WITH MEDIUM TO LARGE STONE (20-40 cm)  
CENTER DEPRESSION CONTAINS SMALL TO MEDIUM STONE (10-30 cm)
- 4- GOOD
- 5- SEE SKETCH MAP FOR SS-13-69 TO 72
- 6- RELATIVELY FLAT
- 7- COCONUT TREE ON EDGE (> 20 m. TALL), DENSE FERN AND  
BRUSH ON 'unm' (1 m. TALL)
- 8- WALL # 71 TO WEST; WALL # 68 TO SOUTH; PLATFORM # 69  
TO EAST.
- 9- SADAPALII VILLAGE
- 10- ?
- 11- EVEN THOUGH SIDES COMPOSED OF EARTH AND STONE  
THE SITE RETAINS ALL OTHER CLASSIC CRITERIA FOR  
'unm TI'
- 12- NONE




SS-13-71/14.12.76

- 1- STONE WALL
- 2- 30 cm / 100 cm (56m)  → 71A  
200 cm / 20 cm (556m)  → 71B
- 3- 71A CONSTRUCTED OF MEDIUM TO LARGE STONE WITH SOME VERY LARGE STONE,  
71B SAME AS 71A BUT ALSO SMALLER STONES
- 4- SEE SKETCH MAP AND REPORT FOR SS-13-75 ('SMALL WALLED AREAS') MAY BE PART OF 'SMALL WALL AREAS' COMPLEX.

SS-13-72/14.12.76

- 1- STONE WALL
- 2- 250 cm / 70 cm (790m) 
- 3- MAINLY CONSTRUCTED OF LARGE TO VERY LARGE STONE, BUT RUBBLE ON SIDES SMALL TO MEDIUM STONE.
- 4- PROBABLY REBUILT ON OLD WALL.

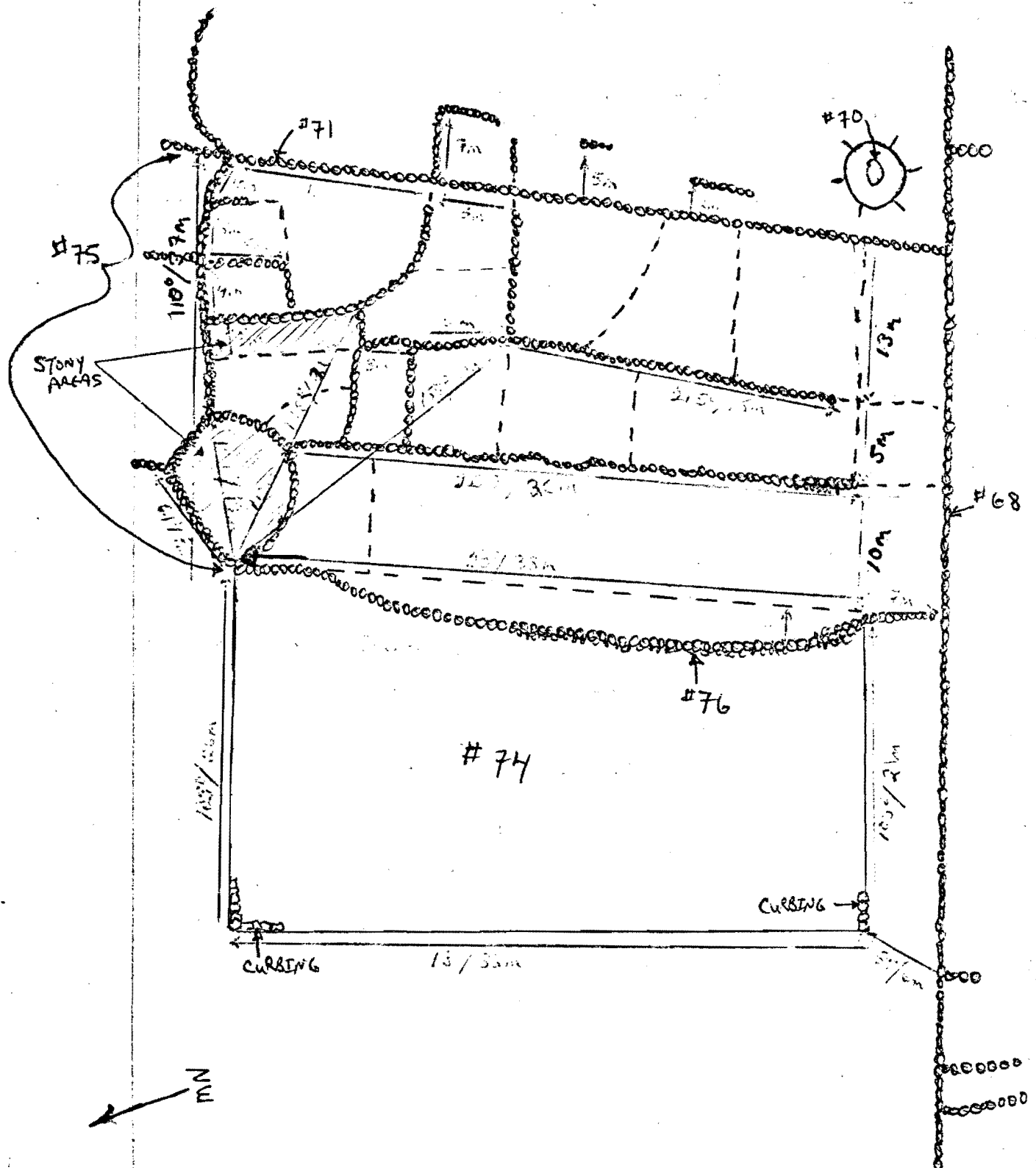
SS-13-73/14.12.76 [ON SKETCH MAP FOR SS-13-44 TO 54]

- 1- STONE WALL
- 2- 450 cm / 20 cm (40m) 
- 3- CONSTRUCTED OF SMALL TO MEDIUM STONE
- 4- CONTINUES FOR CA. 4m. INTO #44 WALL. #44 BUILT OVER WALL #72

SS-13-74 / 15.12.76

- 1- MEDIUM RECTANGULAR, STONE PLATFORM OF MEDIUM HEIGHT
- 2- 19 m (103°) X 33 m (18°) / 20cm
- 3- CURBING (?) OF MEDIUM TO LARGE STONE (20-40cm)  
STILL EVIDENT ON NW CORNER AND SW EDGE. CONSTRUCTION  
OF MEDIUM TO LARGE STONE (10-40cm). SURFACE IRREGULAR
- 4- SURFACE VERY DISTURBED. EDGES ALSO DISTURBED AND HARD  
TO LOCATE ON WEST SIDE
- 5- 103° X 18° / (SEE SKETCH MAP ON BACK OF PAGE)
- 6- FLAT
- 7- BOTH LARGE (~30m TALL) AND SMALL (~2m) COCONUT TREES  
ON AND AROUND PLATFORM. SURFACE AND SURROUNDING AREA DENSELY  
COVERED W/ FERN AND MILK-A-MINUTE (1-1½m TALL) MAKING  
SURVEY DIFFICULT.
- 8- 'SMALL WALLS AREAS' (SS-13-75) ADJACENT TO EAST  
- LARGE STONE WALL (SS-13-76) ON EAST EDGE (?)
- 9- SAPAPALTI VILLAGE
- 10- ?
- 11- THERE MAY BE OTHER POSSIBLE WALLS ON THE PLATFORM BUT  
THE SURFACE IS TOO IRREGULAR AND VEGETATION TOO DENSE  
FOR CONCLUSIVE PROOF PL- OR CON-
- 12- NONE

SKETCH MAP FOR SS-13-74 TO 76



SS-13-75/15.12.76

1- SMALL WALLED AREAS


MULTI-STONE WALLS  
2- WALLS RANGE FROM 1(100 CM X 50 CM) TO ONLY LARGE  
TO VERY LARGE STONES IN A LINE.

TOTAL AREA CA. 40m X 50m, WALLS MOSTLY AN. < 10 X 10m


3- AREA RITTLED WITH WALLS. MOST OF THE WALLED AREAS  
SEEM TO HAVE FEW STONES IN THEM. THE TWO AREAS THAT  
DO HAVE A HIGH CONCENTRATION OF STONE (SEE SKETCHMAP FOR  
SS-13-74 TO 76) MAY BE LITTERED WITH DEBRIS FROM SURROUNDING  
AND UNDETERMINED WALLS. ALL WALLS VERY DEGRADED. SOME  
EVIDENCE EXISTS FOR THE EXTENSION OF SOME WALLS TO  
THE EAST OF SS-13-71 (SEE SKETCH MAP FOR SS-13-74 TO 76).

4- IT WAS VERY DIFFICULT TO ACCURATELY SURVEY THE AREA  
AS IT WAS THICKLY COVERED BY FERN (1-1 1/2 m. TALL) AND  
MILK-A-MINUTE BUT MUCH TIME AND EFFORT WAS  
SPENT WORKING ON THE NORTHERN HALF TO MAKE AN ACCURATE  
ASSESSMENT OF WHAT WAS LOCATED BENEATH THE THICK  
VEGETATION. OTHER POSSIBLE WALLS ARE GIVEN ONLY APPROXIMATE  
LOCATIONS

SS-13-76 / 15.12.76

- 1- STONE WALL
- 2- 200 cm / 70 cm (40m) 
- 3- CONSTRUCTED OF MEDIUM TO VERY LARGE STONE
- 4- WALL #76 CONTINUED TO INTERSECT W/ WALL #68 (BUT SMALLER)  
WALL BECOMES SMALLER (SIMILAR TO WALLS FOR SS-13-75)  
AS IT APPROACHES THE NE CORNER OF SS-13-74  
SEEMS TO BE CONSTRUCTED ON THE SURFACE SS-13-74

SS-13-77 / 16.12.76 [SEE SKETCH MAP FOR SS-13-61 TO 68]

- 1- WALLED ROADWAY
- 2- WALLS: 160 cm / 20 cm (60m)   
ROADWAY: 4m WIDE (FROM CENTER OF WALLS)
- 3- WALLS CONSTRUCTED MAINLY OF MEDIUM SIZED STONE W/  
A FEW LARGER STONE (10-30 cm)
- 4- ABRUPTLY TERMINATES AT INTERSECTION WITH WALL  
#68. THERE ARE MANY (10-15) VERY LARGE STONES ( $\frac{1}{2}$  to  $\frac{3}{4}$  m).  
WHERE #77 AND #68 INTERSECT, THESE STONE MAKE UP BOTH  
THE EAST WALL FOR ROADWAY #77 AND WALL #68. ON SOUTHERN  
END THE ROADWAY 'FIDS OUT' APPROXIMATELY EVEN WITH WALL  
#66. ROADWAY WALLS BADLY DISTURBED IN PLACES.

THE ROADWAY HAS SOME LARGE COCONUT TREES (25-30m TALL)  
GROWING ON IT AND IS COVERED WITH DENSE FERN (1m TALL).

ASSOCIATED MATERIALS: A RANDOMLY FLAKED, FINE GRAIN,  
LIGHT GRAY BASALT CORE (8cm X 6.5cm X 2.5cm) WAS FOUND  
ON THE WEST WALL OF THE ROADWAY AT 20m  
(OVER)

SS-13-77 (CONT.)

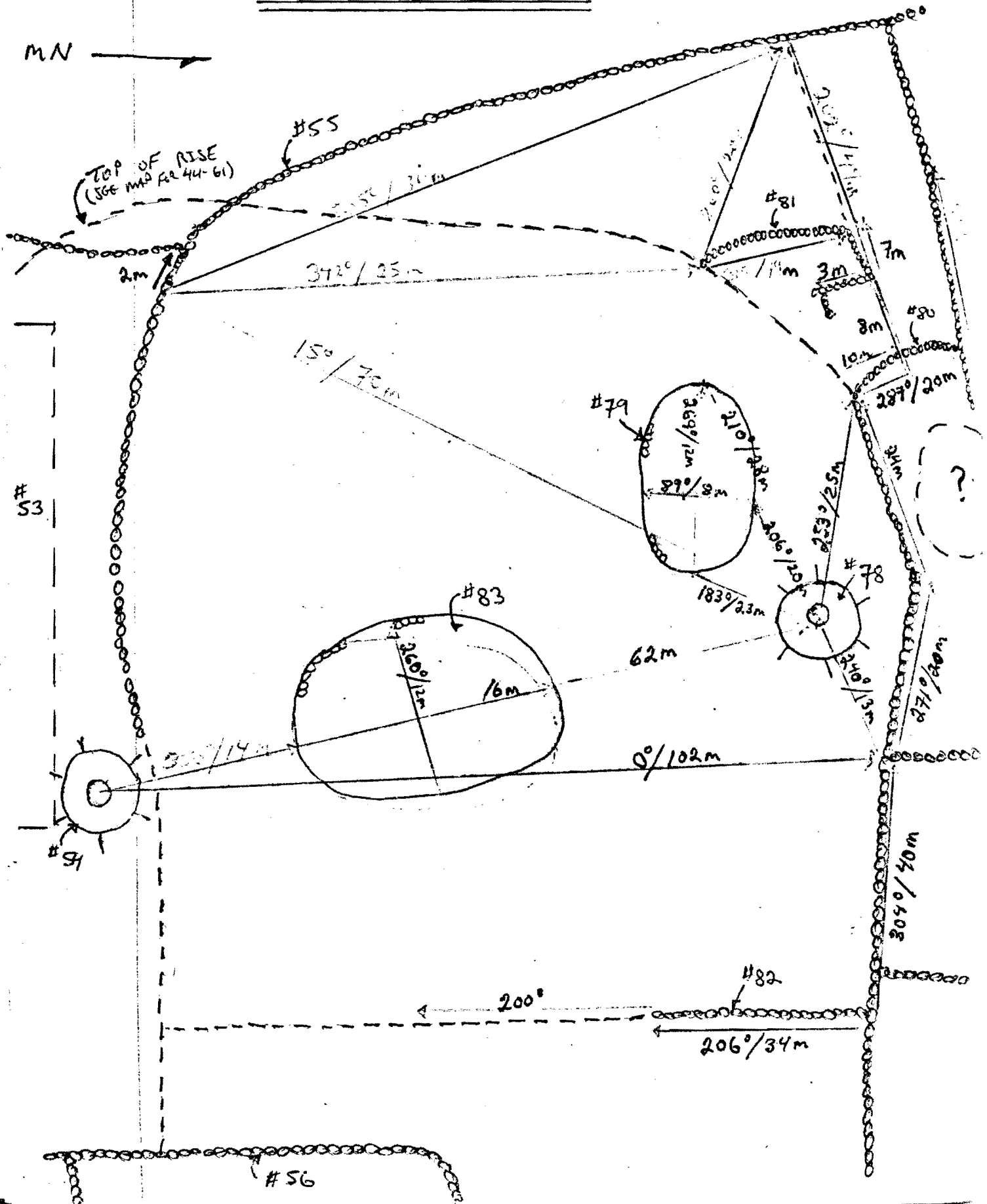
4- ASSOCIATED MATERIAL (CONT.):

FROM IT'S NORTH END. THE CORE SHOWED NO WEAR  
FLAKES. CORE WAS LEFT 'IN SITU'. ALL THE OTHER  
STONES IN THE ROADWAY AND SURROUNDING AREA ALL  
DARK GRAY, V. BASALT, UNLIKE THE CORE FOUND

SS-13-78 / 16.12.76

- 1- 'UMU TI'
- 2- 9 m. DIAMETER / 100 cm  
STONE LINDS CENTER 4 m DIAMETER /  $\leq 30$  cm. DEEP
- 3- SLOPING EARTH SIDES w/ A STONE FILLED CENTER. OUTLINED  
w/ MEDIUM TO LARGE STONE (20-40 cm). STONES IN  
DEPRESSION RANGE FROM SMALL TO MEDIUM AND SOME  
APPEAR 'FIRE REGENES'.
- 4- EARTH SIDES. VERY ERODED IN PLACES. STONE FILLED  
CENTER NOT ERODED
- 5- SEE SKETCH MAP FOR SS-13-78 TO 83 (ON BACK OF PAGE)
- 6- RELATIVELY FLAT
- 7- DENSE FERN ( $\frac{1}{2}$  m TALL) AND BRUSH
- 8- PLATFORM #79 TO SOUTH. WALL #68 TO NORTH
- 9- SAPAPALII VILLAGE
- 10- ?
- 11- NONE
- 12- NONE

SKETCH MAP FOR  
SS-13-78 TO 83





SS-13-79/16.12.76

- 1- SMALL OVAL STAGE PLATFORM OF MEDIUM HEIGHT
- 2- 8m (179°) X 12m (269°) / 30cm (10cm) (SEE MAP)
- 3- SOME EVIDENCE FOR FACING ON SOUTH EDGE. FACING COMPOSED OF LARGE STONE (30-40cm), 'MA'A NAA' PAVING OBSERVED ON SURFACE OF PLATFORM. PLATFORM CONSTRUCTED OF MAINLY SMALL TO MEDIUM STONE.
- 4- <sup>SURFACE</sup> A VERY DISTURBED W/ 2 UPROOTED COCONUT TREES (720m tall) ON SITE. EDGE ALSO DISTURBED
- 5- 179° X 269° / SEE SKETCH MAP
- 6- RELATIVELY FLAT
- 7- COCONUT TREES ON SITE (20-30 M. TALL) FERN AND BRUSH (>1m) ALSO ON SITE
- 8- 'UNU TI' #78 TO NE  
PLATFORM #83 TO SE
- 9- SAPAPALII VILLAGE
- 10- ?
- 11- <sup>TOP OF</sup> ON A SAME GENTLE RISE THAT FORMS SOUTH PORTION OF PLATFORM #53
- 12- NONE


SS-13-80/16.12.76

- 1- STONE WALL
- 2- 60 cm / 90 cm (20 m) 8
- 3- CONSTRUCTED OF LARGE TO VERY LARGE STONE (30-90 cm),  
USUALLY 1 OR 2 STONES THICK AND 2 TO 4 STONES HIGH
- 4- BADLY ERODED, MANY SMALLER STONE (SMALL TO MEDIUM) IN  
SAME GENERAL AREA BUT THEY HAVE NO OBSERVABLE SHAPE.  
THE WALL IS SITUATED ACROSS <sup>(INTO)</sup> AN 'INTERMITTENT STREAM'  
(AN AREA OF CONVERGENCE BETWEEN 2 GENTLY SLOPING ARMS).

SS-13-81/16.12.76

- 1- STONE WALL (?)
  - 2- SINGLE LINE OF VERY LARGE STONE (50-90 cm) IN LINES,  
'SEE MAP FOR SHAPE'. TOTAL LENGTH CA. 30 m.
  - 3- CONSTRUCTED OF VERY LARGE STONE.
  - 4- SOME STONES ARE SPREAD DOWN SLOPE (WEST) OF THE  
MAIN GROUPING. -
- POSSIBLE STONE WALL BUT BADLY DISTURBED AND COVERED  
w/ THICK FERN MAKING ANALYSIS DIFFICULT.

SS-13-82/16.12.76

- 1- STONE WALL (FACING FOR ELEVATED ROADWAY?)
- 2- 150 cm / 30-50 cm (34+m) ~~EARTH~~ 
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE  
EARTHEN AREA (CA. 4m WIDE) ON WEST SIDE BUT  
NO SIMILAR STONE 'WALL' ON WEST SIDE OF EARTH
- 4- SEEMS TO CONTINUE MORE THAN 34 m. TOWARD EAST  
OF PLATFORMS #83 AND #53, AND WEST OF PLATFORM #58 AND  
WALL #56 (WHICH DOESN'T SEEM TO BE STRUCTURALLY RELATED)  
EARTHEN AREA VERY ERODED, AND COVERED W/ FERNS  
GROWING IN IT

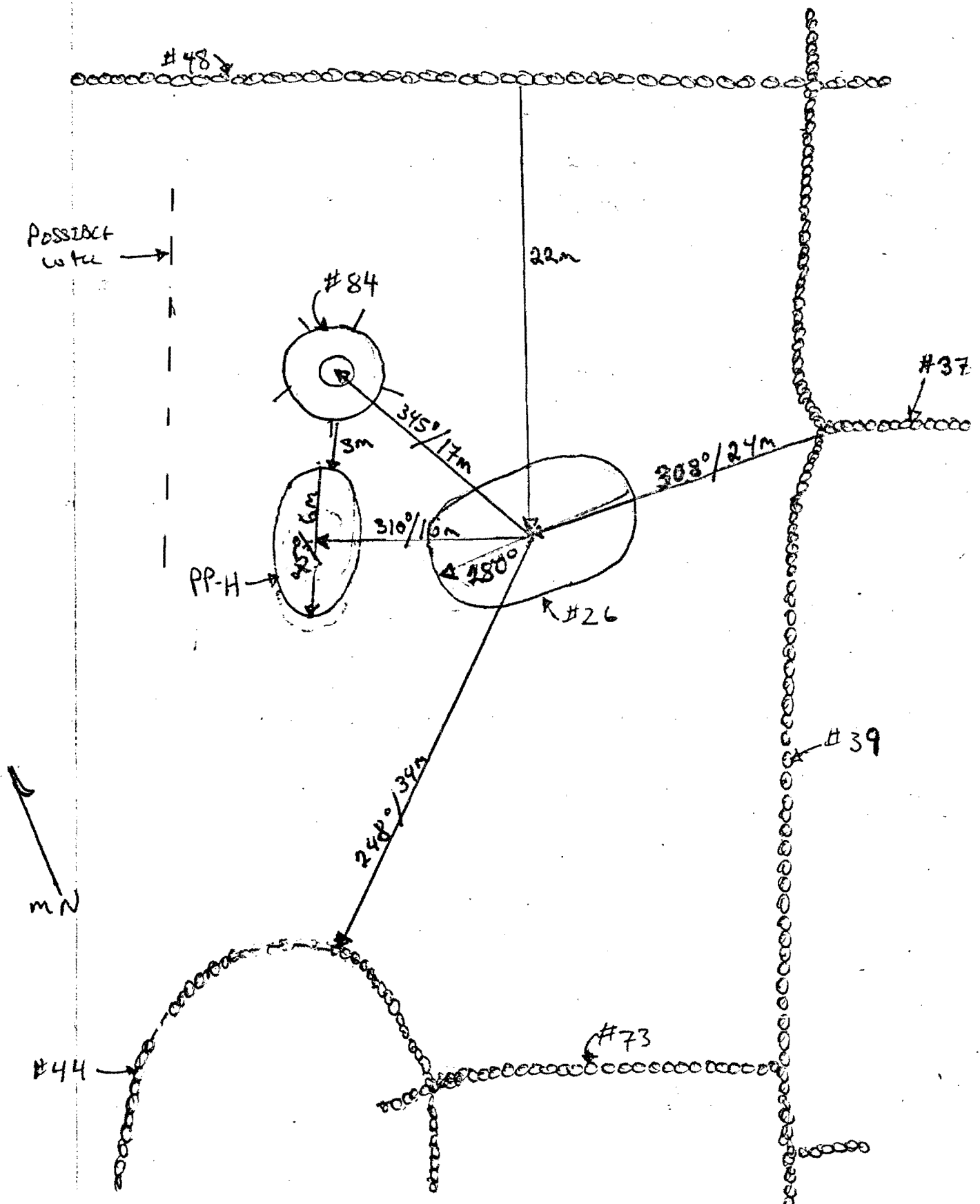
SS-13-83 / 16.12.76

- 1- LOW, OVAL, STONE PLATFORM OF MEDIUM SIZE
- 2- 12m (260°) X 16m (350°) /  $\leq 10$  cm
- 3- CURSING OF MEDIUM STONE (20-30cm) EVIDENT ALONG SW EDGE (SEE SKETCH MAP). 'MA'ANA'A' PAVING EVIDENT IN CENTRAL PORTION OF PLATFORM. PLATFORM CONSTRUCTED OF SMALL TO MEDIUM STONE (5-30cm)
- 4- FAIR. CURSING DISTURBED IN SEVERAL PLACES BUT SURFACE IS FLAT AND NOT GREATLY DISTURBED.
- 5- 260° X 350° / SEE MAP FOR SS-13-78 TO 83
- 6- RELATIVELY FLAT. ON <sup>TOP OF</sup> A SANE GENTLE RISE THAT FORMS SOUTH PORTION OF PLATFORM #53
- 7- COCONUT TREES (20 TO 30 m. TALL) ON PLATFORM. PLATFORM DENSELY COVERED W/ FERN AND MILE-A-MINUTE ( $\frac{1}{2}$  TO 1 m. TALL)
- 8- SEE SKETCH MAP
- 9- SAPAPALI VILLAGE
- 10- ?
- 11- SEE 6 ABOVE
- 12- NONE

SS-13-84 / 17.12.76

- 1- Low 'umu TI'
- 2- 9 m. DIAMETER / 20 cm.  
STONE COVER : 3 m DIA. / 20 cm (WEST  $\frac{1}{2}$ )
- 3- LOW EARTH WALS WITH STONE FILLED CENTER RINGS  
w/ LARGE STONE AND FILLED w/ medium to LARGE (10-30 cm)  
STONE. ONLY THE WEST HALF OF THE STONE FILLED  
CENTER HAS A DEPRESSION.
- 4- FAIR. EARTH SLOPS SLIGHTLY EASERS. CENTER UNDISTURBED
- 5- SEE MAP ON BACK OF PAGE.
- 6- FLAT
- 7- FEW (1m tall) w/ COCONUT TREE (>20m tall) ON NORTH  
EDGE OF 'umu'
- 8- PLATFORM #26 TO SOUTH AND PP-H TO SW
- 9- SARAPALLEI VILLAGE
- 10- ?
- 11- PREVIOUSLY RECORDED AS ASSOCIATED FEATURE ('umu') WITH  
SS-13-26
- 12- NONE

SKETCH MAP FOR SS-13-83 AND PP-H



PP-14 / 17.12.76

- 1- OBLONG, MEDIUM HEIGHT
- 2- 4.5 (13.5°) X 6m (45°) / 40cm (30cm)
- 3- HIGHEST IN SOUTH CENTER WHERE THERE ARE SEVERAL (5 TO 10) MEDIUM TO LARGE STONES (20-30cm), EXCEPT FOR STONE 'AZLE' IN SOUTH CORNER SITE IS CONSTRUCTED OF SMALL TO MEDIUM STONE AND HAS SLOPING SIDES (20°)
- 4- VERY ERODED ON SIDES AND CENTER.  
DENSELY COVERED w/ FERN AND BUSH (1m tall)  
A SCATTERED 'LINE' OF STONE (POSSIBLE WALL?) TO WEST OF PP-14 (CA 10m) BUT TOO DISTURBED FOR POSITIVE IDENTIFICATION (SEE SKETCH MAP)

#37

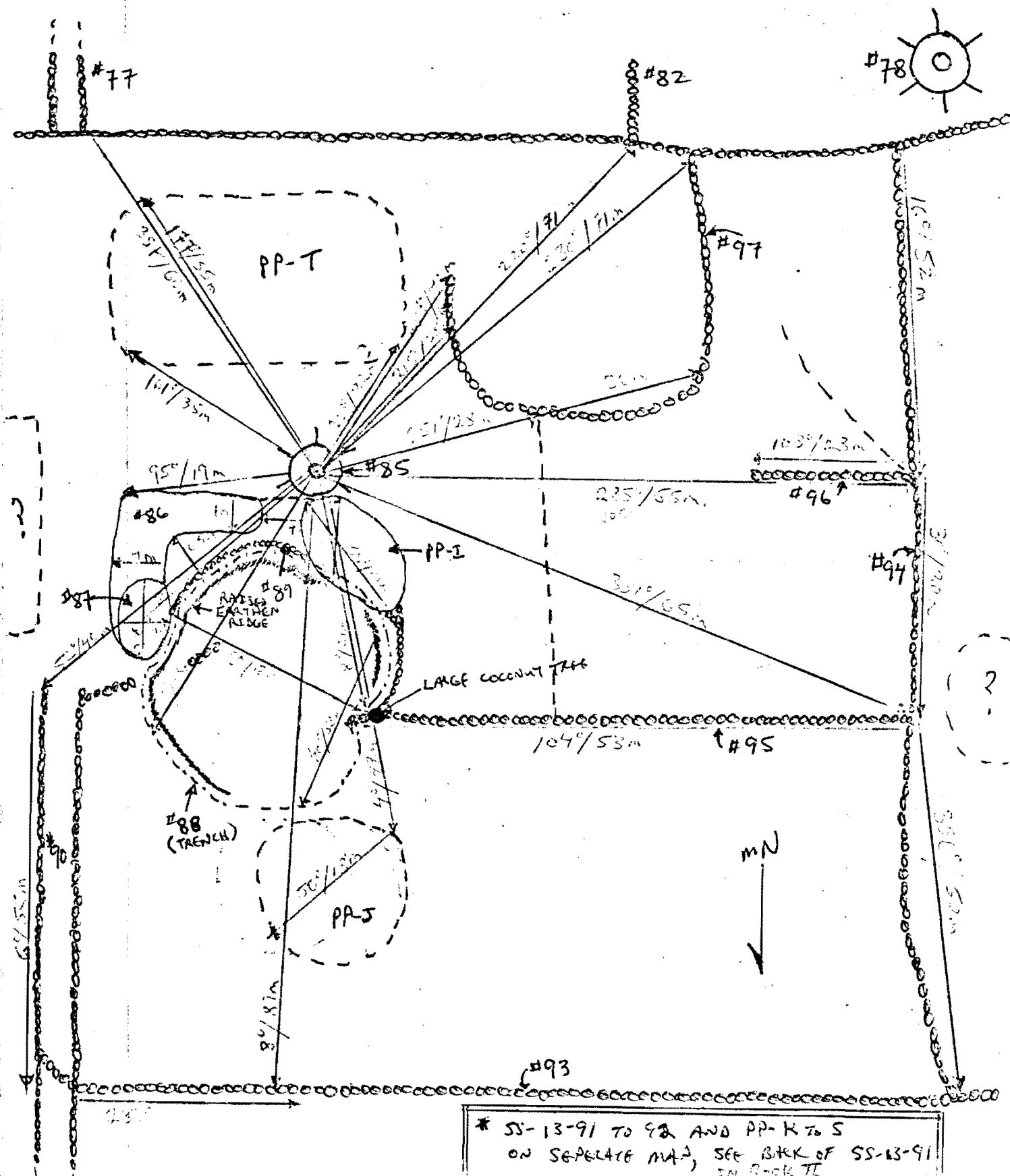
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SS-13-85/18.12.76

- 1- 'Umm TI'
- 2- 10 m. DIA. / .5 m.  
STONE  
CENTER: 4 m. DIA / .2 m. DEEP
- 3- EARTH WALLS w/ STONE LINES CENTER WHICH IS OUTLINES  
w/ MEDIUM TO LARGE STONE (20-40 cm) AND FILLED w/  
MEDIUM TO LARGE STONE (10-30 cm).
- 4- FAIR
- 5- SEE SKETCH MAP FOR SS-13-85 TO 90 ON BACK OF REPORT
- 6- GENTLY SLOPING
- 7- 2 YOUNG COCONUT TREES (< 2 m. TALL) ON THE 'Umm'  
AS WELL AS THE ROTTEN STUMP OF ANOTHER. A LARGE (1 m. DIA)  
BROADLEAF TREE IS GROWING ON THE BORDER BETWEEN  
P85 AND PP-I. THE SURFACE IS COVERED w/ GRASS (ca. 20  
cm. TALL)
- 8- PP-I AND OTHERS (SEE MAP)
- 9- SARAPALI VILLAGE
- 10- POSSIBLY OLDER THAN PP-I AS THE SIDE OF THE 'Umm'  
AGAINST PP-I IS SLIGHTLY (20 cm.) HIGHER THAN THE  
OTHER SIDES
- 11- NONE
- 12- NONE



SKETCH MAP FOR SS-13-85 TO 90\* AND 93-97 AND  
PP-I TO J\* AND T



SS-13-86/18.12.76


- 1- 'L/S' SHAPED STONY AREA (PLATFORM?)
- 2- 11m (290°) x 17m (203°) / 20cm (40cm)
- 3- SURFACE COMPOSED OF MEDIUM TO LARGE STONE (10-30cm)  
AND GENTLY SLOPING TO SOUTH AND SE CORNER  
SHAPE QUITE EVIDENT DESPITE <sup>THE LACK OF</sup> ANY NOTICEABLE CURBING,  
MAY GRAB INTO PP-I ALONG SW EDGE
- 4- SURFACE SLIGHTLY ERODES ALONG EAST AND WEST  
(TOWARD #89) EDGE.
- 5- 290° x 203° / SEE MAP.
- 6- GENTLY SLOPING
- 7- COCONUT TREES (>25m) IN CENTER OF 'L', SLIGHTLY  
COVERED W/ GRASS AND MILE-A-MINUTE
- 8- SEE MAP
- 9- SARAPALI'S VILLAGE
- 10- ?
- 11- THERE MAY HAVE BEEN A N-S WALL ON #86 JUST SOUTH  
OF #87 AS THERE IS A SLIGHT <sup>(5-10cm)</sup> RISE (HUMP) ON THE SURFACE  
OF #86
- 12- NONE

SS-13-87 / 18.12.76

- 1- OVAL, STONE PILE (PLATFORM??)
- 2- 4m X 6m (0°) / .8m
- 3- COMPOSED OF SAME KIND OF STONE AS #86 (MAINLY MEDIUM W/ A FEW LARGE (30-40cm)). SLOPING SLOPS (30°) W/ 1m X 2m 'FLAT' AREA ON TOP. GRASS IN (OR IS BUILT ON) #86. RUBBLE FROM WEST EDGE IN TRENCH #88. SURFACE IRREGULAR AND ROUND.
- 4- 

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- 5- POINTED N NORTH
- 6- GENTLY SLOPING
- 7- COCONUT TREE STUMP ON SE EDGE. LARGE BROADLEAF TO N (1m) OTHERWISE ALMOST BARE
- 8- SEE MAP
- 9- SAPALIE VILLAGE
- 10- PROBABLY YOUNGER THAN OR CONTEMPORARY WITH TRENCH (#88) AND #86
- 11- NONE
- 12- NONE

SS-13-88/18.12.76

- 1- SMALL, OVAL SHAPED TRENCH
- 2- 220cm WIDE AT TOP FROM TOP CENTER OF WALL #89 TO 'EARTHEN RIDGE' (ON INSIDE), 80cm WIDE ALONG BOTTOM. 60cm TALL WHEN MEASURED AT DEEPEST POINT AND COMPARED W/ EARTHEN RIDGE (20cm ABOVE 'OUTSIDE' EDGE, LENGTH CA 100m(?)).  CROSS SECTIONAL DRAWING  
INSIDE SLOPE OF THE TRENCH VARIES FROM 30° TO 60° (SHALLOW VS. DEEP). DEPTH AT SHALLOWEST 10cm. TOTAL LENGTH 18m (300°) X 33m (40°)
- 3- EARTH FROM TRENCH FILLS ON INSIDE WHILE OUTSIDE OFFSET #86 COMPOSED OF A STONE WALL #89 THAT IS STONE DEBRIS AND EARTH IN THE TRENCH ALONG CONTACT W/ #86, 89 AND PP-I. PP-I SEEMS TO GO 'OVER' THE TRENCH W/ DEBRIS ALMOST FILLING THE TRENCH (TRENCH BECOMES VERY SHALLOW). TRENCH BECOMES VERY SHALLOW (IF EXISTANT AT ALL) ALONG N EDGE AND IF CONTINUED IN ELLIPTICAL PATH WOULD COME W/IN CA. 1m OF S. EDGE OF PP-J
- 4- DEBRIS ON SOUTH W/ SOME PARTS ONLY 10-20cm DEEP OUTLINE VERY DISTURBED BY TREES
- 5- SEE MAP
- 6- GENTLY SLOPING TO S.
- 7- 4 LARGE COCONUT TREES IN TRENCH (>25m). FEW AND WEEDS COVER TRENCH AND INTERIOR (1/2-1m TALL)
- 8- CAN'T TELL IF CONTINUATION OF WALL #89 ON SW EDGE

(CONT. ON BACK)

SS-13-88 (CONT.)

8. OF TRENCH OR OVER TRENCH BECAUSE OF A LARGE TREE. THERE DON'T SEEM TO BE ANY 'PAVES' OR ROCKY AREAS INSIDE THE TRENCH ONLY PART OF WHAT MAY BE A 'STONE WALL' (7 LARGE STONES IN A ROW, 9 M LONG) WEST OF #86

9. SAPAPALIE VILLAGE

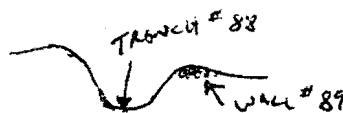
10. OLDER THAN OR CONTEMPORARY WITH #87, 89, 95 AND PP-I, ALL OF WHICH HAVE DORIES FROM THEM IN TRENCH

11. NONE

12. NONE

SS-13-89 / 18.12.76

- 1- STONE WALL
- 2- 120 cm / 20 cm (2.5 m)
- 3- CONSTRUCTED MAINLY OF SMALL TO MEDIUM STONE w/ A FEW LARGE (20-30 cm)
- 4- DEBRIS FROM WALL IN TRENCH #88  
WALL FORMS SE EDGE OF TRENCH



PP-I / 18.12.76

- 1- OBLONG OF MEDIUM HEIGHT
- 2- 6 m X 14 m (155°) / <10 cm EAST EDGE (40 cm WEST EDGE)
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE. CONTAINS MORE LARGE (30 cm.) STONE THAN #86. SEEMS TO GRASS INTO AND OVER TRENCH #88 FOR VERY SHORT (<10 cm) DISTANCE.
- 4- SURFACE IRREGULAR w/ EDGE EROSION AND WORKINGS

PP-J / 18.12.76

- 1- CIRCULAR, MEDIUM HEIGHT
- 2- 13 m. DIA / 30 cm ABOVE ARCH TO SOUTH (INSIDE TRENCH #88) BUT FLAT ON N. EDGE
- 3- CONSTRUCTED OF MEDIUM TO LARGE STONE w/ MAINLY MEDIUM STONE ON THE INTERIOR
- 4- THICKLY COVERED w/ FERN ( $\frac{1}{2}$  to 1 m.).


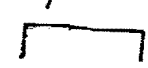
(OVER)

PP-3 (CONT)

4. COCONUT TREES ON SITE (>20m TALL)  
SURFACE ONLY SLIGHTLY DISTURBED BUT EDGE  
OBSCURED.

SS-13-90/18.12.76

- 1- WALLED ROADWAY
- 2- PATH: 5m WIDE (FROM CENTER OF WALLS) / 50cm HIGH  
CA. 150m LONG

WALLS: EAST WALL - 90cm / 50cm   
COMPOSED OF LARGE STONE (40-50cm), 2-3 STONE THICK  
WEST WALL - 190cm / 50cm.   
COMPOSED OF MEDIUM TO LARGE, W/ MOST LARGE STONE  
FACING OUTSIDE OF WALL


3- (SEE ABOVE)

- 4- BADLY ERODED IN PLACES W/ DEBRIS CLUTTERING THE ROADWAY.  
VEGETATION: THICK FERNS (AS JACINT TO PP-3) CHANGING  
TO FOREST N OF INTERSECTION W/ WALL #93.  
ROADWAY CONTINUES CA. 50m N. AFTER INTERSECTION  
W/ #93, THEN GOES 'UP A STEP' AND CONTINUES TO THE EAST.  
AFTER TRAVELING CA. 50m. ROADWAY INTERSECTS W/ PLANTATION  
ROAD FROM N. END OF SAPAPALII (CA. 250m N OF 'SAPAPALII  
PLANTATION ROAD').  
AT INTERSECTION W/ #93 EAST SIDE CURVES TO MAKE  
CONTACT W/ WALL #93 BUT ROADWAY APPARENTLY CONTINUES.




SS-13-91 } SEE: BOOK II; SAPAPALI'I ROAD SURVEY  
SS-13-92 } [SS-13-32 + 34 ALSO IN BOOK II AFTER SS-13-92]


SS-13-93 / 21.12.76

- 1- STONE WALL (ELEVATED WALKWAY?)
- 2- 280 cm / 50 cm ( ? ) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE (10-40 cm)
- 4- INTERSECTS w/ ROADWAY #90 AND WALL #94 (AND EXTENDS TO WEST)  
 TALLER AT INTERSECTION w/ #90, BROADER AND MORE  
 WEATHERED TOWARD #94.  
 COVERED w/ DENSE FOREST  
 MAY BE ELEVATED WALKWAY w/ RUBBLE OF YOUNGER WALL  
 ON TOP

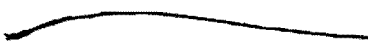
SS-13-94 / 21.12.76

- 1- STONE WALL
- 2- 200 cm / 40 cm (132 m) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE BUT MAINLY  
 MEDIUM TO LARGE STONE (20-40 cm)
- 4- ERODED AND COVERED w/ FERNS


SS-13-95 / 21.12.76

- 1- STONE WALL
- 2- 220 cm / 30 cm (53m) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE (5 to 40 cm)
- 4- ERODED AND COVERED BY FERNS  
CROSSES (?) TRENCH #88 (BUT RELATIONSHIP OBSCURED BY  
COCONUT TREE)

SS-13-96 / 21.12.76

- 1- STONE WALL
- 2- 250 cm / 15 cm (23+m) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE (5-40 cm)
- 4- HEAVILY ERODED AND COVERED BY FERNS

SS-13-97 / 21.12.76

- 1- STONE WALL
- 2- 220 cm / 25 cm (     m) 
- 3- CONSTRUCTED OF SMALL TO LARGE STONE (5-40 cm)
- 4- ERODED AND COVERED BY FERNS  
FORMS AN ARCH.

PP-7 / 21.12.76

1. CIRCULAR (SQUARE), LOW
2. 25m DIA (SQUARE) ( $280^{\circ} \times 200^{\circ}$ ) /  $\leq 10$  cm
3. CONSTRUCTED OF MEDIUM STONE w/ A FEW LARGER (30cm)  
STONE AROUND 'EDGE'
4. DENSELY COVERED BY FERN (1m TALL) AND HALF-A-MINUTE  
COULD BE MORE THAN ONE 'PLATFORM'.
- V. OLD COCONUT TREES ( $> 30$  m. TALL) OR AROUND PP-7  
BUT ALSO V. YOUNG TREES ( $< 2$  m)

# LIST OF SAPAPALI ROAD STRUCTURAL REMAINS

## TABLE 1 - PLATFORMS

SITE NO. (SS-13-)	SIZE CATEGORY	MEASUREMENTS (m.)			SHAPE <sup>(2)</sup>	COMMENT
		WIDTH	LENGTH	HEIGHT		
16	II	7	10	.50	E	
18	II	8	10	1.00	E	
19	III	15	15	1.00	S	
235 19A	II	4	8	.20	E	MODERN, ON #19, <sup>POST</sup> 100m
20	II	8	10	.50	R	
21	IV	18	26	.10	E(?)	
22	II	8	9	.40	E	VERTICAL STAIRS
25	II	10	10	.20	C	DOUBLE CURBING
26	II	7	9	.50	E	
27	IV	24	62	.20	R	MAY BE 2 PLATFORMS
29	II	5	6	.20	E	
53	IV	28	33	2.00	R	MODIFIED HILL
58	III	14	27	.20	E(?)	
60	II	5.5	7.5	.40	E	MODERN POST HOLE (POSSIBLE OLDER PLATFORM UNDER)
68	III	12(18)	<sup>A</sup> 20(24)	30(.80)	R	<sup>A</sup> TOP MEASUREMENTS (BASAL) TOTAL (TOP FACING) (EARTH)
74	IV	19	33	.20	R	
79	II	8	12	.20	E	
83	III	12	16	.10	E	
86 <sup>(7)</sup>	III	11	17	.40	'L'	'L' SHAPED
87	I	4	6	.80	E	ON #86

1- SIZE: I - VERY SMALL;  $\leq 25 m^2$   
 II - SMALL;  $\leq 100 m^2$   
 III - MEDIUM;  $\leq 400 m^2$   
 IV - LARGE;  $\geq 900 m^2$

2- SHAPE: C - CIRCULAR  
 E - ELLIPTICAL  
 S - SQUARE  
 R - RECTANGULAR

TABLE 2 - POSSIBLE PLATFORMS

SITE LETTER (PP - )	SIZE CATEGORY <sup>(2)</sup>	MEASUREMENTS (m.)			SHAPE <sup>(3)</sup>	COMMENT
		WIDTH	LENGTH	HEIGHT		
A	I	4	5	.30	O	
B	III	15	15	.10	C	
C	IV	26	36	.10	O	
D	III	20	20	.15	C	
E	III	15	15	.10	C	
F	III	17	23	.10	O	
G	III	17	17	.10	C	
H	I	4.5	6	.30	O	
I	II	6	14	.20	O	
J	III	13	13	.30	C	
T	III	25	25	.10	C(sq)	

3- SHAPE : C - CIRCULAR

O - OBLONG

S - SQUARE

R - RECTANGULAR

TABLE 3 - 'umu TI' (RAISED RIM, EARTH OUVENS)

SITE No. (SS-13-)	MEASUREMENTS (m)				PROXIMAL PLATFORM	COMMENT
	DIAMETER	HEIGHT	STONE CENTER			
WIDTH			DEPTH			
23	9	.50	3.5	.80	19	
24	12.5	1.50	4.5	1.80	PP-R	
28	8	.50	4.0	.15	20	
49(?)	7	.40	4.0	—	—	BADLY DISTURBED
54	7	.25	3.0	.30	53	
67	9	.40	2.5	.40	PP-F	
70	8	.50	2.5	.15	69	
78	9	1.00	4.0	.30	79	
84	9	.20	3.0	.20	26	
85	10	.50	4.0	.20	PP-I	

TABLE 4 - WALLS AND ROADWAYS (FENCES AND WALKWAYS)

SITE No. SS-13-	TYPE CATEGORY (4)	WALL MEASUREMENTS (m)			PATH WIDTH (5)	SIDES OF WALLS (6)
		WIDTH	HEIGHT	LENGTH		
17	W	1.20	.30	178	3.0	S
30	F	.25/1.80	.80/.40	140/50+(?)	—	V/S
31	F	.40	.25	45	—	V
33	F	1.80	.30	30	—	S
35	F	.45	.50	50	—	V
36	F	.40	1.00	176	—	V
37	F	.30/1.30	.70/.20	75	—	V/S
38	F	.60	.30	30	—	FLAT
39	F	.25/2.40	1.00/.10	142	—	V/S
40	F	.25/2.50	.70/.30	75	—	V/S
41	F	.25/2.50	.60/.30	75	—	V/S
42	F	.50	.40	17	—	V
43	F	.25	.70	50+	—	V
44	F	1.00	.30	90	—	S
45	F	.30	.70	40	—	V
46	R	—	.30	153	4.5	V
47	W	1.20	.30	43	3.0	S
48	F	.40	.70	265	—	V
50	F	1.50	.40	78	—	S
51	F(R?)	1.80	.20	70	(4.0)	S
52	F	.90	.40	118	—	S
55	F	1.20	.50	118	—	S
56	F	1.70	.40	50	—	S
57	F	1.90	.30	26	—	S

(CONT. ON NEXT PAGE)

TABLE 4 (CONT.)

SITE NO. SS-13-	TYPE CATEGORY <sup>(4)</sup>	WALL MEASUREMENTS (m)			PATH WIDTH (S)	SIDES OF WALLS <sup>(6)</sup>
		WIDTH	HEIGHT	LENGTH		
59	F	2.80	.30	10	-	S
61	F	1.30	.30	95	-	S
62	F	3.00	.20	29	-	S
63	W	1.70	.30	55+	4.0	S
64	F	2.60	.30	110	-	S
65	F	1.80	.40	22+(?)	-	S
66	F	2.30	.20	35	-	S
68	F	.70	1.10	265	-	V
70	F	.30/2.00	1.00/.20	56+	-	V/S
72	F	2.50	.70	90+	-	S+V
73	F(R?)	4.50	.20	40	-	S
75 <sup>(7)</sup>	F	1.00	.50	100+	-	S (ALMOST V)
76	F	2.00	.70	40	-	S
77	W	1.60	.20	60	4.0	S
80	F	.60	.90	20	-	V
81	F?	.60	.60	30	-	SINGLE STONTS
82	F(R?)	1.50	.40	34+	(4.0?)	S
88	F	1.20	.20	25	-	(TRENCH - SEE ABOVE)
89	F	1.20	.20	25	-	S
90	W	.90/1.90	.50	150	5.0	V
93	R(F?)	2.80	.50	180	-	S
94	F	2.00	.40	132	-	S
95	F	2.20	.30	52	-	S
96	F	2.50	.15	23+	-	S
97	F	2.20	.25	40+	-	S

(CONT. ON NEXT PAGE)



## TABLE 4 (CONT.)

4- TYPE : F - STONE WALL (FENCE)

W - WALLS ROADWAY (WALKWAY)

R - RAISED (ELEVATED) ROADWAY (WALKWAY)

5- PATH WIDTH : MEASURED FROM CENTER OF WALLS

6- SIDES : S - SLOPING

V - VERTICAL

7- SEE ANOMALOUS

TABLE 5 - ANOMALOUS

SITE NO. (SS-13-)	DESCRIPTION
75	SMALL, WALLED AREAS, TOTAL AREA CA. 40m X 50m AV. AREA WALLED < 10m X 10m
86	'L'-SHAPE PLATFORM(?) 11m X 17m / 20cm
88	SMALL, OVAL TRENCH; LENGTH - CA. 100m(?). WIDTH - 2.2m / DEPTH - .60m.; TRAPEZOIDAL IN CROSS SECTION
44	OVAL ENCLOSURE(?) 16m X 32m

# PHOTOS (NEGATIVES ATTACHED)

ROLL 1: (\* = 1m SCALE IN PHOTOS)

2- SS-SP-12/2.9.76

FROM SAPAALII PLANTATION ROAD, TO N.

3- SS-13-7/6.9.76

FROM  $\frac{1}{2}$  WAY BETWEEN SAPAALII ROAD AND PLATFORM, TO N

4- SS-13-9/6.9.76

FROM 10m SE, TO NW. VEGETATION CLEARED

5- SS-13-15/8.9.76

FROM 10m S OF PLATFORM, TO N. S  $\frac{1}{2}$  OF PLATFORM CLEARED OF VEGETATION

6- SS-13-24/12.9.76

FROM 10m NW OF 'unutu'. NW  $\frac{1}{2}$  CLEARED

7- SS-13-22/12.9.76

FROM N Rm OF 'unutu' SHOWING INTERIOR PIT.

8- SS-13-124/25.9.76

FROM 10m S OF PLATFORM W/ SE  $\frac{1}{4}$  CLEARED

9- \* SS-13-18/25.9.76

FROM 7m SE OF PLATFORM, TO NW

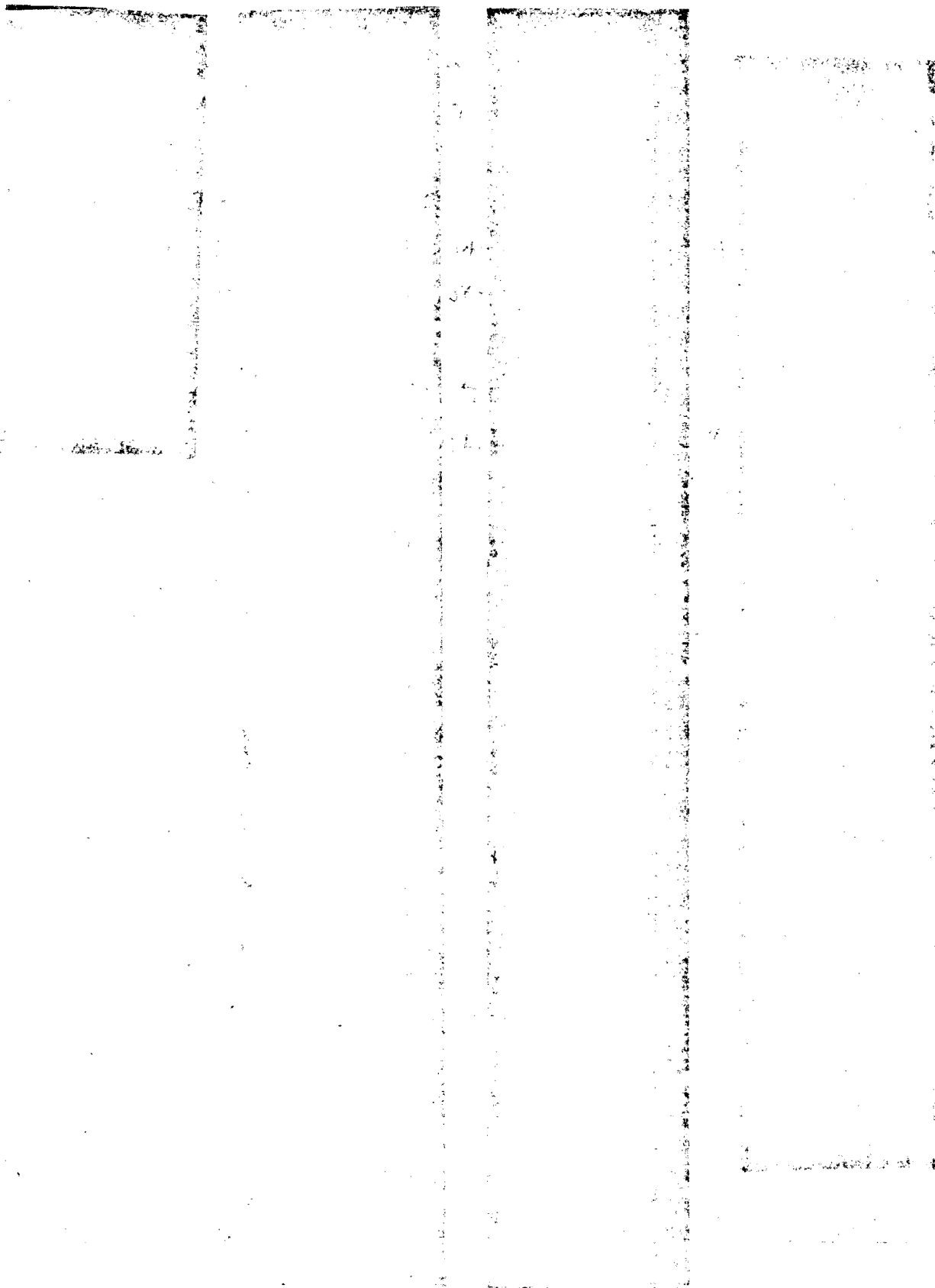
(OVER)

- 10\* SS-13-17 / 25.9.76  
TO N ALONG CENTER OF ROADWAY 8+100m  
SS-13-19 AND 20.
- 11\* SS-13-19A / 25.9.76  
TO S FROM NE EDGE OF SS-13-19
- 12\* SS-13-19 / 25.9.76  
TO NE FROM 10 m S OF SW CORNER
- 13\* SS-13-20 / 25.9.76  
TO NE FROM 10m SW OF SW CORNER
- 14\* SS-13-20 / 25.9.76  
WEST EDGE OF PLATFORM FROM 5m EAST, TO WEST
- 15\* SS-13-53 / 25.9.76  
SW CORNER, FROM 5m S, TO N
- 16\* SS-13-46 / 25.9.76  
W, CURBING 10m S OF WALK # 48, FROM 5m N,  
TO S.
- 17\* SS-13-115 / 25.9.76  
W END OF ROADWAY S OF PLATFORM #118.  
TO W FROM CENTER OF ROADWAY

(CONT. NEXT PAGE)

SAPAPALII ROAD SURVEY / ROLL 1 (B&W)  
NEGATIVES

73



m N,

18\* SS-13-115 / 25.9.76  
SAME AS 19 (OUT OF FOCUS)

19\* SS-13-115 / 25.9.76  
E END OF ROADWAY N OF PP-AI . TO E FROM  
CENTER OF ROADWAY

20- PP-AL AND SS-13-48 / 25.9.76  
SE END OF AL AND WALL #48 FROM 20m S,  
TO N

m N,