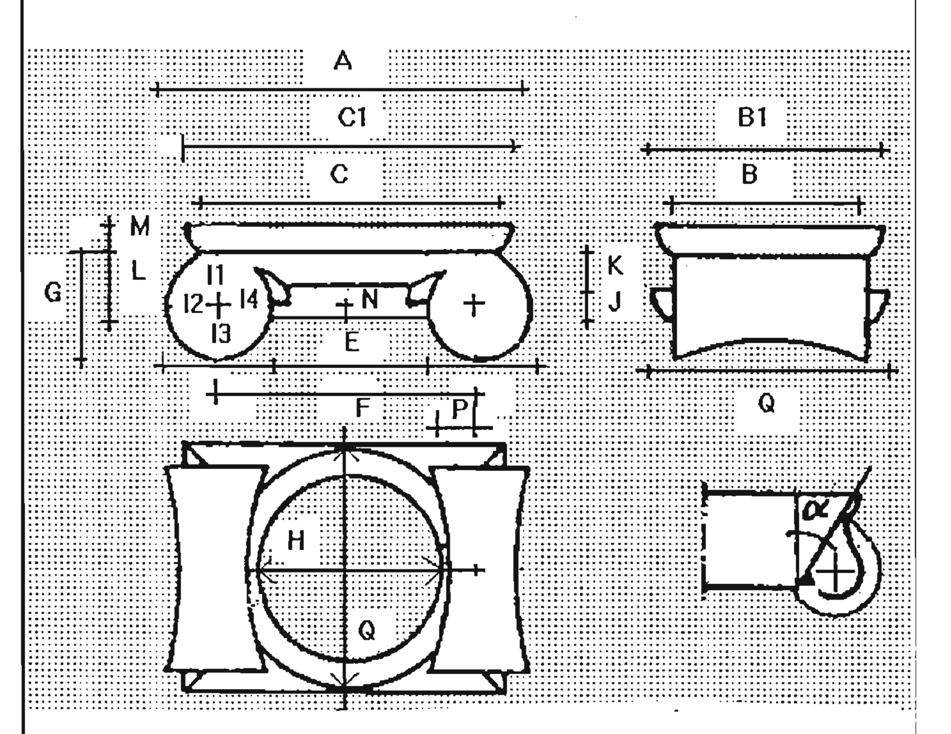
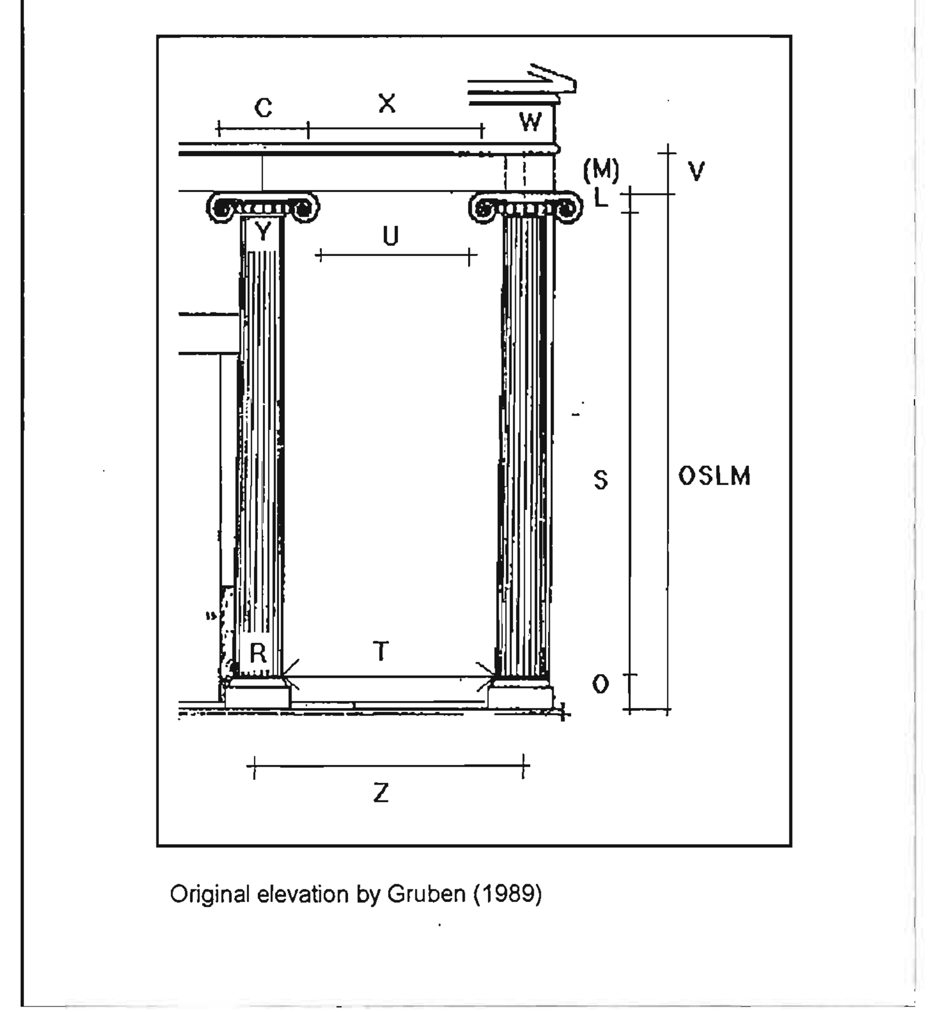
APPENDIX 1 - TYPOLOGICAL ASPECTS OF ARCHAIC IONIC CAPITALS AND ARCHAIC IONIC BUILDINGS (UP TO 525 BC)

*	Table 1.1	Chronologically put spreadsheet of quantitatively described Archaic Ionic standard capitals up to 489 BC
*	Table 1.2	Chronologically put spreadsheet of qualitatively described Archaic Ionic standard capitals up to 489 BC
*	Table 1.3	Chronologically and geographically put spreadsheet of quantitatively described first-generation Archaic Ionic standard capitals (up to 525 BC)
*	Table 1.4	Chronologically and geographically put spreadsheet of qualitatively described first-generation Archaic Ionic standard capitals (up to 525 BC)
*	Table 1.5	Chronologically put quantitative description of façade elements of Ionic buildings up to 525 BC.
*	Table 1.6	Effect of Gruben (1991; 1996, Fig17; 1997, Fig40) on discernable proportional relationships in the façades of pre-525 BC Archaic Ionic buildings.* (*See Chapter 3, Table 3.13)

The spreadsheet tables are included on 1,44" computer disk in Excel® 5.0a for MS Windows® 3.11 (See the sachet on the front cover of the library copy of the dissertation). Copyright for the spreadsheets resides with the author.



Augmentation of the diagram by Theodorescu (1980)



Original elevation by Gruben (1989)

TABLE 1.1

CHRONOLOGICALLY PUT

There is no Ion-2, 3, 8, 33, 47, 49, 70, 71, 79

and Ion-9, 13, 19, 21, 34, 41, 57, 60, 68, 72, 73, 76, 81, 82 not suitable

QUANTITATIVE DESCRIPTIVE ELEMENTS / RELATIONSHIPS

PERIOD	< 600 BC		600-575 BC										575 - 550 BC			
No	ION-1	ION-1	ION-22	ION-22	ION-4	ION-4	ION-24	ION-24	ION-7	ION-7	ION-6	ION-6	ION-11	ION-11	ION-10	ION-10
NAME AND ORIGIN OF ARTEFACT	Votive column [No.8], Demeter Sanct, Sangri, Naxos	Base dim test: 73,875 [qt of 295,5 ft]; Ell 523 [dimen.aver]	Sphinx column, Aphaea sanctuary, Aegina	Base dim test: 72,85 [qt of Sol-Attic 291,4 ft]; column: ft 291,4	Votive column, Delos [Reconstruction]	Base dim test: 72,85 [qt of 291,4 ft measure]	Interior + pronaos, Naxian Oikos IIa [Kaster reconstr]	Base dim test: 87,5 [qt of 350 ft [Samian-old Ionian]]	Dionysos temple, Iria, Naxos [Volute, echinus reconstruction]	Base dim test: 72,85 [qt of Cycl variation Sol-Attic 291,4 ft]	Naxian Sphinx column, Delphi	Base dim test: 72,85 [qt of Cycl variation Sol-Attic 291,4 ft]	Ersatz capital, Competaliast agora, Delos	Base dim test: 82 [qt of 328 ft standard]	Votive column [Katapoliani], Paros, [Dim's with tape]	Base dim test: 86,5 [qt of E Ionian 346 ft]
A	550	7½	1966	27	880	12	672	7 2/3	1785	24 1/2	1857	25 1/2	601	7 1/3	930	10 3/4
B	243		585	8	370	5	266		605	8 3/10	703	9 7/10	320	3 8/9	324	3 3/4
B'	none		none		none		none		none		none		none		none	
C	555	7½	1497	20 1/2	730	10	415	4 3/4	1275	17 1/2	1551	21 1/3	453	5 1/2	755	8 3/4
C'	none		none		none		none		none		none		none		none	
D	166	2¼	553	7 3/5	210	2 8/9	225		430	5 9/10	462	6 1/3	185	2 1/4	266	3
E	240	3¼	860	11 4/5	460		222	ca 1/2	925	12 2/3	937		260		399	4 3/5
F	378	5 1/8	1392		616	8 4/9	X		1265		1328	18 1/4	430	5 1/4	609	7
G	196	2 2/3	594		243	3 1/3	248	2 5/6	500	6 9/10	550	ca 7 1/2	255	3 1/9	308	Ca 3 1/2
H	250	3 3/8	1032		420	5 7/9	266		684	9 2/5	703	9 7/10	X		317	
I-1	114		312	4 3/10	143	ca 2	X		290	4	317	4 1/3	X		169	Ca 2
I-2	97		287	ca 4	132		X		260	ca 3 1/2	259		X		161	
I-3	83		282		100		X		210		233		X		140	
I-4	70		266		78		X		170		203		X		105	
J	115	ca 1½	374		112	1 5/9	X		185		264		86	1	94	
K	75		210	2 7/8	88	1 2/9	X		185		115		97		106	
L	190		594		200	2 7/9	136	1 1/2	370	ca 5	395	5 2/5	193	2 1/3	200	
M	n appl		n appl		n appl		163		n appl		n appl		n appl		n appl	
Q	301	4	1046	14 3/8	540	7 4/9	350	4	1040	ca 14 1/4	1060	14 1/2	X		513	Ca 6
alpha	41,5	ca 9:8	21,3		38,0		28,7		42,5	12:11	45,0	1:1	X	X	47.6	9:10
B:A	0,44	2,26	0,30	3,36	0,42	2,38	0,40	2,53	0,34	2,95	0,38	2,64	0,53	1,88	0,35	2,87
B:C	0,44	2,28	0,39	2,56	0,51	1,97	0,64	1,56	0,47	2,11	0,45	2,21	0,71	1,42	0,43	2,33
B':C'	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B:F	0,64	1,56	0,42	2,38	0,60	1,66	X	X	0,48	2,09	0,53	1,89	0,74	1,34	0,53	1,88
C:A	1,01	0,99	0,76	1,31	0,83	1,21	0,62	1,62	0,71	1,40	0,84	1,20	0,75	1,33	0,81	1,23

LEGEND TO TABLE 1.2, 1.4, and 2.1

Symbol		Item
0	The specific aspect is not present	
X [XTb]	Aspect present [Sub-aspects shown through letters referring to highlight in legend]	
X* or *	There is a remark regarding the aspect in the capital description - main text	
not ident	Aspect has not been identified	
unpubl	No documented information regarding the aspect is available	
damage	Due to damage detail aspect cannot be discerned	
lost	The element on which the aspect appears has been removed lost/altered	
unfinish	The aspect of the capital element has been left unfinished	

				Item
Organisation	Standard dimension present		Ell ; Foot: Qt Ft; dactyl	1
	FRONT ELEVATION		3-Dimensional modular co-ordination	2
			Formal relation between eye & side column - top column	3
			Volute: Involute/Circle arcs 90°/Random arcs/Square	4
			Echinus ordered around capital axis	5
	VOLUTE/ECHINUS PLAN		Square Hexa-/Octa/Decagon/Rectangle/Rectangle across	6
	SIDE ELEVATION		Opposing faces: Inclined Vertical	7
Plan	BOTTOM PLANE		Bottom plane extended to cushion	8
			Echinus continues under cushion	9
			Cushion and bottom plane at the same level	10
	TOP PLANE		Edge corresponds with junction of volute	11
			Enlarged by addition: Spandrel palmette/Angle/Curved abacus	12
			Enlarged by change in volute outline outward	13
Front elevation	Volutes	CANALIS	Profile differs on opposing front elevations	14
			Volute descends with: Obtuse angle / Curve	15
			Flat	16
			Convex	17
			Concave	18
			Decorated	19
			Horizontal channel bottom: Angular/Bow/Cord/Upturned cord	20
			Horizontal channel bottom: Total line straight	21
			Separated between volutes under top plane	22
			Vertically ascending under top plane (Aeolising)	23
		ASTRAGAL	Round (Volute interior): Single/Double/Quadruple	24
			Round (Volute channel exterior): Single/Double	25
			Round with border	26
			Line: Flat painted line / Raised rectangular moulding	27
			Incised	28
			Absent above the echinus	29
		EYE	Theoretical centre point only	30
			Flat: Painted/Defined by groove or bead/Hollow	31
			Convex	32
			Rosette: Small (eye) Big (occupying whole volute)	33
			Other profiled: Circle's with centre point/Spiral wheel	34
		Echinus	Early Ionian: Smooth/Flat leaf/Round leaf/border/no border	35
			Ionian egg-and-tongue: Round oval/Pointed	36
			Lesbian Dorian cyma · Superimposed cyma	37
			Dome/Cavetto/Torus-smooth/Torus-ribbed	38
			Profiled surface/Smooth surface	39
			Fixed to: Total shaft Drum segment	40
	INTERMEDIATE SPACE		Well defined between echinus and canalis	41
	PALMETTES		Spandrel palmette on capital bearing offset	42
			Spandrel palmette in volute- and horisontal canalis angle	43
	ABACUS		Profiled Smooth	44
Side elevation	FORM	CYLINDER	Dubble-trumpet cylinder shape	45
			Straight cylinder shape	46
		BLOCK	With/No ornament	47
	Ornament	STRAP	Binding beads: Single 2 3/4	48
		SCALES	On Polster Abacus-polster intermediate space	49
		PLANTS	On polster	50
		FLUTES & SEPERATING ELEMENTS	Flutes: 2 3 4/5/6	51
			Round beads between flutes: 2/3/4	52
			Other beads: Groove Triangular-/Rectangular beading	53

TABLE 1.2

There is no Ion-2, 3, 8, 33, 47, 49, 70, 71, 79

Ion-41, 57, 68, 73 not suitable

QUALITATIVE DESCRIPTION OF ELEMENTS

PERIOD	< 600	600 - 575 BC				575 - 550 BC				
No	ION-1	ION-22	ION-4	ION-24	ION-9	ION-7a	ION-6	ION-11	ION-10	ION-18
NAME AND ORIGIN OF ARTEFACT	Votive column, Demeter Sanctuary, Sangri, Naxos	Sphinx column, Aphaia (+ Kolonna), Aegina	Votive column, Delos	Interior and west in-antis fascade, Naxian oikos IIa, Delos	Votive column, Demeter sanctuary at Sangri, Naxos	Dionysos temple IV, Iria, Naxos	Naxian Sphinx column, Delphi	Ersatz capital, Competaliast agora, Delos	Votive column, Katapoliani church, Paros	Naxian sphinx column, Artemision, Delos
1	Yes	Yes	Yes	yes	unpubl	Yes	Yes	damage	Yes	no
2	X	X	X	X	lost	X	X	damage	X	0
3	Not appl	Xs + Xt	lost	0	lost	Xs	0	damage	Xt	0
4	XC	XI+XR	XC	damage	XC	XC	XC	damage	XR	unpubl
5	not appl	X	lost	damage	lost	X	X	damage	X	X
6	XS	XR	XR	XRa	lost	XR	XR	XS	XR	XS *
7	XV	XI	XV	XV	unpubl	XV	XV	XV	XV	XV
8	not appl	0	0	0	lost	0	0	0	0	0
9	not appl	0	X	X	lost	X	X	X	XA	X
10	not appl	X	0	0	lost	0	0	0	0	0
11	0	0	0	0	0	X	0	0	damagae	0
12	XA	XA	XA	0	XS	0	XA	XA	damage	XA
13	X	0	0	X	0	0	0	0	damage	0
14	0	damage	unpubl	0	unpubl	X	0	damage	0	unpubl
15	XO	XC	XO	XO	XC	XC	XC	0	XC	XC
16	X	X	0	X	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	X	X	X	X	X	X
19	0	0	0	0	0	0	0	damage	0	0
20	XA	XC	XC	XC	lost	XC	XC	XA	0	0
21	0	0	0	0	lost	0	0	0	XT	0
22	0	0	0	0	lost	0	0	0	X	X
23	0	0	0	0	lost	0	0	0	0	0
24	0	0	0	0	XD	XD	XD	XS	XD	XQ
25	0	0	0	0	XS	XS	XS	damage	XS	XD
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	XF [?]	0	0	0	0	0	0
28	X	X	X	damage	0	0	0	0	0	0
29	X	0	0	0	lost	X*	X*	0	0	0
30	0	X	X	X	X	X	X	damage	X	X
31	XD	0	0	0	0	0	0	damage	0	0
32	0	0	0	0	0	0	0	damage	0	0
33	0	0	0	0	0	0	0	damage	0	0
34	0	0	0	0	0	0	0	damage	0	0
35	0	0	XS	XS	lost	XFb	XFb	damage	XRb	XRb
36	0	0	0	0	lost	0	0	damage	0	0
37	0	0	0	0	0	0	0	damage	0	0
38	XTs	XD	0	0	lost	0	0	0	0	0
39	XS	XP	XS	XS	0	0	0	0	0	XP
40	XT	0	0	0	lost	0	0	0	0	0
41	0	0	0	0	lost	0	0	0	0	0
42	0	0	0	0	X	0	0	0	0	0
43	X	0	X	X [?]	lost	X	X	damage	X	X
44	0	0	0	X	0	0	0	0	0	0
45	0	X	X	X	0	X	X	X	X	X
46	X	0	0	0	X	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	5	6	5	4	4	4
52	0	0	0	0	2	1	2	2	3 and 4	3
53	0	0	0	0	unpubl	0	0	0	0	0

PERIOD	575 - 550 BC				550 - 525 BC								
No	ION-19	ION-20	ION-16a	ION-5	ION-23	ION-17	ION-69	ION-14	ION-15	ION-64	ION-45	ION-29	ION-74
NAME AND ORIGIN OF ARTEFACT	2nd Naxian sphinx column, Artemision, Delos	Votive column found at theater, Delos	Artemision 'D', Ephesus	Prostoon (east portico) of the Naxian oikos IIb, Delos	Votive column, bastion of the Acropolis, Thasos	Votive column, Ag Tris Eklesies, Paros	Ionic capital of a votive column from Paros	Kyrene sphinx column	Lower Temple, Myos	Votive column, Demeter sanct, Sangri, Naxos [Item 2]	Temple (?), Miletos (Milet-Yenikoy)	Ionic capital of a temple, Ephesos [Bysantine aquaduct]	Enneakrounos, Agora, Athens { Item A616 and Nike Bastion]
1	no	yes	yes	Yes	Yes	yes	not ident	yes	yes	no	yes	yes	Yes
2	0	X	X	X	X	X	not ident	X	X	0	0	X	X
3	0	0	Xt	Xt + Xs	Xs + Xt	no	not ident	0	0	0	0	Xt	0
4	unpubl	XC	XC	XC	XC+XS	XR	XR	XC	XC	XC	XC	XC	XC
5	damage	X	X	X	X	X	X	X	X	n appl	X	X	X
6	damage	XH*	XR*	XR	XS	XS	XS	XR	XS	XRa	XRa	Ra	XH
7	XV	XV	XI	XV	0	XV	XV	XI	XV	XI-outw	XI	XV	XV
8	0	0	0	0	0	0	X*	0	0	0	0	0	0
9	X	X	X	X	X	X	0	X	X	0	X	X	X
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	X	0	0	0	X	0	0	0	0
12	XA	XA	XC	XA	0	XA	XA	XA	0	XA	XS*	0	XC
13	0	X	0	0	0	0	0	0	0	0	0	0	0
14	unpubl	0	0	0	0	0	0	X	unpubl	X**	0	0	0
15	0	XO	0	XO	XC	XC	XC	XC	XC	XC	XC	XC	XC
16	0	X	0	X	0	0	0	X	0	X	0	0	0
17	0	0	X	0	X	X	X	X	X	0	X	X	0
18	X	0	0	0	0	0	0	0	0	0	0	0	X
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	XB	XA	XC	0	0	0	0	XA	XA	XA	XC	XC
21	0	0	0	0	0	0	XT	0	0	0	0	0	0
22	X	0	0	0	0	X	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XQ	0	XS	0	XS	XS	XS	XS	XS	XS	XS	XS	XS
25	XD	0	XS	0	XS	XS	XS	XS	XS	XS	XS	XS	XS
26	0	0	0	0	0	0	0	0	0	0	0	0	X
27	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	X	0	0	0	0	0	0	0	0	0
29	0	0	0	X	X	X	0	X	0	0	0	0	0
30	X	0	X	X	0	X	X	X	X	X	X	X	0
31	0	0	0	0	0	0	0	0	0	0	0	0	XD*
32	0	0	0	0	X	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	XS*
34	0	XC	0	0	0	0	0	0	0	0	0	0	0
35	XRb	XFn	XRb	XRb	XRb	XRb	XFn**	XRb	XRb	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	XR	XR	XR
37	0	0	0	0	0	0	0	XS	0	0	0	0	0
38	0	0	0	0	0	0	XD	0	0	0	0	0	0
39	0	XP	P	XS	0	XP	XP	0	XP	XS*	0	XP	XP
40	0	0	0	0	***	0	0	0	0	X	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	X
42	0	0	0	0	0	0	0	0	0	0	0	0	0
43	X	X	X	X	X	X	X***	X	X	0	X	X	X*
44	0	0	XP	0	0	0	0	0	0	0	**	XP?	XP?
45	X	X	X	X	X	X	X	X	X	X	lost	X	X
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	3	0	0	0	0	0	3	0	0	0	0	4**
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	4	0	4	0	4	4	3	0	3	0	lost	3	3**
52	2	0	2	0	3	4	4	0	2	0	lost	2	0
53	0	0	0	0	0	0	0	XT	0	0	0	0	0

PERIOD	550 - 525 BC						525 - 500 BC						
No	ION-25	ION-82	ION-28	ION-30	ION-76	ION-34	ION-26	ION-66	ION-72	ION-67a	ION-35	ION-81	ION-12
NAME AND ORIGIN OF ARTEFACT	Naxian Stoa, Delos	Votive column, Didyma [Item F723]	The archaic Apollonion, Didyma	Votive column, Athens [Item 3655]	Ameinias Votive column (No. 3850), Acropolis, Athens	Capital from the Acropolis, Athens [Item 3852]	Temple of Apollo Phanaion, Phanai, Chios	Votive column, Delphi [with torus echinus]	Rock cut tomb N8 at Cyrene	Votive column, Acropolis (No.135), Athens	Votive column (No.3853), Acropolis, Athens	Votive column, Acropolis, Athens.	Votive column, Smyrna (Halkapınar-Izmir)
1	yes	damage	Yes	Yes	unknow	unpubl	not ident	unpubl	unpubl	yes	yes	damage	yes
2	X	damage	X	X	unpubl	unpubl	not ident	unpubl	unpubl	X	X	damage	X
3	0	lost	0	0	unpubl	lost	not ident	unpubl	unpubl	0	0	lost	Xs
4	XC+XR	damage	XC	XC	XC	unpubl	not ident	not ident	unpubl	not ident	not ident	not ident	XC+XS
5	X	damage	X	0	damage	lost	X	not appl	X	X	X	lost	lost
6	XRa	lost	XS*	XH*	unpubl	unpubl	XR*	unpubl	unpubl	XR*	XRa	lost	XRa
7	XV	unpubl	XI	XV	XV	unpubl	XV	unpubl	unpubl	XV	XV	unpubl	unpubl
8	0	0	0	X	X	X	0	0	0	0	X	lost	0
9	X	X	X	0	0	0	X	unpubl	X*	X	0	lost	X
10	0	0	0	0	0	0	0	0	0	0	0	lost	0
11	X*	damage	0	0	0	unpubl	X	0	0	X	0		X
12	0	damage	XS	XA	0	unpubl	0	XA	XC	0	XA	XS	0
13	0	damage	0	0	X**	unpubl	0	0	0	0	0		0
14	X**	lost	0	0	unpubl	unpubl	0	0	0	0	0	unpubl	0
15	XC	lost	XC	XC	XO	unpubl	XC	XC	0	XC	XC	XC	XC
16	0	0	0	X	X	unpubl	0	0	0	0	0	X	0
17	X	X	X	0	0	unpubl	X	XC	X	0	0		0
18	0	0	0	0	0	unpubl	0	0	0	X	0		X
19	0	0	0	0	0	unpubl	0	0	0	0	X		0
20	XC	XC	XA	XC	XC	lost	XA	XC	XC	XC	0	XC*	XA
21	0	0	0	0	0	lost	0	0	0	0	0		0
22	0	0	0	0	0	lost	0	0	0	0	X	See *	0
23	0	0	0	0	0	0	0	0	0	0	0		0
24	XS	XS	XS	0	0	unpubl	XS	XD	XS	XS	0	XS	XS
25	XS	lost	XS	0	0	unpubl	XS	XS	XS	XS	0	XS	XS
26	0	0	0	0	0	unpubl	0	0	0	0	0		X
27	0	0	0	XF	0	unpubl	0	0	0	XR	XF	XF	0
28	0	0	0	0	X	unpubl	0	0	0	0	0		0
29	0	0	0	0	X	lost	0	0	0	0	0	See *	0
30	X	X	X	0	0	unpubl	0	0	0	0	0		0
31	0	0	0	XP	XP	unpubl	0	XD	0	XD	XP	XP	0
32	0	0	0	0	0	unpubl	X	0	X	0	0		0
33	0	0	0	0	0	unpubl	0	0	0	0	0		0
34	0	0	0	0	0	unpubl	0	0	0	0	0		XC
35	0	0	0	0	0	unpubl	0	0	0	0	0		XRb
36	XR	lost	XR	0	damage	unpubl	XP	0	XR	0	XP	lost	0
37	0	0	0	0	0	unpubl	0	0	XS*	0	0	lost	0
38	0	0	0	XD	XD***	unpubl	0	XTr [?]	0	XD	XD		0
39	XP	0	0	XS	damage	unpubl	0	0	0	XP	XS*	See *	0
40	0	0	0	0	0	0	0	0	XT	XD	0	lost	0
41	0	lost	0	0	damage	unpubl	0	0	X	0	0	lost	0
42	0	damage	X	0	0	unpubl	0	0	0	0	0		0
43	X	X	X	X	X*	unpubl	X	X	damage	0	X [+ alt]	damage	X
44	0	0	0	XS	XS	unpubl	XS*	0	XS	XS*	XS*	XS	0
45	X	X	X	X	X	X	X	unpubl	unpubl	X	X	unpubl	X?
46	0	0	0	0	0	0	0	0	0	0	0		0
47	0	0	0	0	0	0	0	0	0	0	0		0
48	0	0	0	0	0	0	0	0	unpubl	0	0	unpubl	0
49	0	0	0	XA	0	0	0	0	0	XA	0	unpubl	0
50	0	0	0	0	0	0	0	0	0	0	0	unpubl	0
51	4	damage	4	0	0	0	4	0	unpubl	0	0	unpubl	lost
52	2	damage	2	0	0	0	2	0	unpubl	0	0	unpubl	2
53	0	0	0	0	0	0	0	0	0	0	0	unpubl	0

PERIOD	525 - 500 BC												
No	ION-36	ION-42	ION-32	ION-27	ION-48	ION-37a	ION-52	ION-53a	ION-51a	ION-63	ION-38	ION-40a	ION-43
NAME AND ORIGIN OF ARTEFACT	Votive column (Alcimachos), Acropolis, Athens	Apollonion (?), Massilia	Corner capital Propylon II, Delos (Naxos?)	Propylon II [Inner], Delos [Nieborow] (Naxos?)	Propylon II [Outer], Delos [Pheia] (Naxos?)	Pronaos, Athenaion, Paestum	Free-standing anta column, temple, Thasos	Temple, Thasos	Temple of Dionysius, Therme-Thessaloniki	Votive column, Miletos [Item 2293]	Votive column, Thasos	Building, Gela	Temple, Miletos (city area, Milet)
1	not ident	not ident	yes	not ident	not ident	not ident	not ident	not ident	not ident	not ident	yes	not ident	not ident
2	not ident	not ident	X	not ident	not ident	not ident	not ident	not ident	not ident	not ident	0	not ident	not ident
3	not ident	not ident	Xs + Xt	not ident	not ident	not ident	not ident	not ident	not ident	not ident	0	not ident	not ident
4	not ident	not ident	XC	not ident	not ident	not ident	not ident	not ident	not ident	not ident	not ident	not ident	XR
5	X	X	X	X	X	X	X	X	X	lost	X	X	X
6	XRa*	XRa	XH*	not ident	XH	XRa	XH*	XS*	XO*	lost	XH*	XRa*	0
7	XV	XV	XV	XV	XV	XV	XI	XI	unpubl	XV	XV	XV	XI
8	0	0	0	0	0	0	X	unpubl	0	0	X	0	0
9	X	X	X	Z	X*	X	0	unpubl	X	lost	0	X	X
10	0	0	0	0	0	0	0	unpubl	0	0	0	0	0
11	0	0	0	0	0	0	0	0	X	X	0	0	0
12	XA**	XA	XA	0	0	XS+C	XA	XA	0	0	0	XC	XC
13	0	0	0	X	X	0	0	0	0	0	XO	0	0
14	0	0	X	X	X	0	0	unpubl	0	0	0	0	0
15	XC	XC	XC	XO	XO	XC	XC	XC	XC	XC	XO	XC	XC
16	X	0	0	0	0	0	0	0	0	X	0	0	0
17	0	0	0	X	X	X	0	0	0	0	0	X	X
18	0	0	0	X	X	0	X	X	X	0	X	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XB	XA	XC	XC	XC	XC	XC	XC	0	0	XC	XB	XA
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	XS	XD	XS	XS	XS	XS	XS	XS	0	XS	XS	XS
25	0	XS	XS	XS	XS	XS	XS	XS	XS	0	XS	XS	XS
26	0	0	0	0	0	0	0	X	X	0	0	0	0
27	XF	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	X	0	0	0
29	X	X	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	X	0	0	X
31	XP	XH	0	0	0	XD	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	X	0
33	0	0	0	XS	0	0	0	0	XS	0	0	0	0
34	0	0	XC	0	XS	0	XC	XC	0	0	XC	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	XR	XP	XP	XP	XR	XR	XP	XP	lost	XR**	XR**	? lost
37	0	0	0	0	0	0	0	0	0	0	0	0	0
38	XTs	0	0	0	0	0	0	0	0	0	0	0	0
39	XS	0	0	XP	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	***	0
41	0	0	X slope	0	X	0	0	0	0	0	0	X	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0
43	X	X	X	X	X	0	X	X	X	X	X	X	x
44	0	0	0	0	0	XS	0	0	0	0	0	XP	0
45	X	X	X	X	X	X	X	X	0	X	X	X	X
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	X	0	0	0	0	0	0	0	0	0	0	0
51	0	0	4	4	6	3	5	3	4	0	3	0	4
52	0	0	2	2	1	4	2	2	3	0	2	0	2
53	0	0	0	0	0	0	0	0	0	0	0	0	0

PERIOD			500 - 480 BC										
No	ION-75	ION-60	ION-77	ION-80	ION-58a	ION-59a	ION-61	ION-44	ION-31	ION-56	ION-39a	ION-46	ION-50a
NAME AND ORIGIN OF ARTEFACT	Ionic capital of the Kekrops column, akropolis, Athens	Rebuilt Athenaion II, Phocaea	Temple, Labraynda	Mikos votive column, [Didyma/Miletos]	Heraion IV, Samos	Monopteros II (capitals ex Temple B), Samos	Temple, Athena sanctuary, Syracuse	Temple, Ephesus wat gaan aan hier	Votive column, Selinus	Votive column (game), Tamassos, Cyprus	Temple A, Histria	Temple 'D', Metapontum	Parthenos, Neapolis
1	Yes	not ident	not ident	0	Yes	Yes	not ident	not ident	not ident	not ident	not ident	yes	not ident
2	damage	not ident	not ident	X	X	X	not ident	not ident	not ident	not ident	not ident	X	not ident
3	damage	not ident	not ident	0	Xs + Xt	0	not ident	not ident	not ident	not ident	not ident	Xt	not ident
4	damage	not ident	damage	0	XC	XC	damage	not ident	not ident	not ident	not ident	not ident	XS
5	damage	damage	X	X	X	X	X*	damage	X	X	X	X	X
6	damage	damage	damage	XRa	XRa	XS**	unpubl	XR*	XH*	unpubl	XH*	XRa	XH*
7	XV	unpubl	not publ	XI	XI	XI	unpubl	0	XI	XV	XI	XV	XV
8	damage	0	0	X	0	0	0	0	0	0	0	0	0
9	damage	damage	X	0	X	X	unpubl	0	X	unpubl	X**	X	X
10	damage	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	X	0	0	0	0	0	0	0	0	0
12	XS	0	XA	0	0	0	0	0	XS	XC	0	XS + C	XA
13	0	X	0	0	X	X	X	0	0	0	X	0	0
14	0	unpubl	0	0	0	X****	0	0	0	0	0	0	X
15	XC	XO	XC	XC	XO	XO	XO*	0	XC	XC	XO	XC	XC
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	X	X	X	X	X	X	0	X	X	0	X	X
18	X	0	0	0	0	0	0	0	0	0	X	0	X
19	0	0	0	0	0	0	0	0	0	0	0	0	X
20	XC	XC	XB	XA	XC	XC***	XC	XC	XC	XA	XC	XC	XB
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	XS	XS	XS	XS	XS	XS	0	XS wide	XS	XS	XS	XS
25	0	XS	XS	XS	XS	XS	XS	0	XS wide	XS*	XS	XS	XS
26	0	0	0	0	0	0	0	0	0	0	0	0	0
27	XR	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	lost	X	0	X	X	X*	0	0	0	0	0	X**
31	XD	0	0	XD	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	x	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	XS	XS
34	0	0	0	0	0	0	0	0	XC	0	X	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0
36	damage	lost	XP	XR	XR	XR	XR*	0	XP	XR	0	XP	XP
37	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0
39	damage	0	0	0	XP	X*	0	0	XP	0	0	XP	XP
40	damage	0	0	0	*	0	0	0	XD	0	0	0	0
41	damage	0	0	0	0	0	0	0	X	0	0	X	X
42	X	0	0	0	0	0	0	0	0	0	0	0	0
43	damage	X?	damage	X	X	X	X	0	0	0	X	0	X
44	0	0	0	XS	0	0	0	0	XP side	XP	0	XP	0
45	X	unpubl	lost	X	X	X	X	0	0	unpubl	X	X	X
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	2	unpubl	0	0	0	0	0	0	0	unpubl	0	0	0
49	0	0	0	0	0	0	0	0	XP	0	0	XP	0
50	0	0	0	0	X	0	0	0	0	0	0	0	0
51	2	unpubl	lost	2	0	0	4	0	0	unpubl	4	0	3
52	2	unpubl	lost	2	0	0	2	0	0	unpubl	2	0	2
53	0	0	0	0	0	0	0	0	0	unpubl	0	0	0

PERIOD	500 - 480 BC				
No	ION-55	ION-54	ION-78	ION-21	ION-62
NAME AND ORIGIN OF ARTEFACT	Free-standing anta column, temple, Hallicarnassus	Megaronbau', Larisa-on-the-Hermos	Temple, Miletus (Mengerevtepe, Milet)	Votive column, Athens [Berlin]	Nike of Callimachus, Athens
1	not ident	not ident	not ident	unpubl	not ident
2	not ident	not ident	not ident	unpubl	not ident
3	not ident	not ident	not ident	unpubl	not ident
4	not ident	XR	not ident	lost	not ident
5	X	damage	X*	n appl	X
6	XRa*	XRa*	XS	lost	XR*
7	XV	XV	XI	lost	XV
8	0	0	0	lost	0
9	X**	X*	X	lost	X
10	0	0	0	lost	0
11	0	X	0	lost	0
12	XA	0	XS	lost	XC
13	0	0	0	lost	0
14	0	0	0	unpubl	0
15	XC	XC	XO	lost	XC**
16	0	0	unfinish	X**	0
17	X	0	unfinish	0	0
18	0	X	unfinish	0	X
19	0	0	0	0	0
20	XC	XC*	unfinish	XA	XC
21	0	0	unfinish	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	XS	XS	unfinish	XS	XS
25	XS	XS	unfinish	lost	XS
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	unfinish	0	0
29	0	0	unfinish	0	0
30	0	0	unfinish	lost	0
31	0	XH	unfinish	lost	0
32	0	0	unfinish	lost	0
33	XS	0	unfinish	lost	0
34	0	0	unfinish	lost	0
35	XRb	0	0	0	0
36	0	lost	unfinish	0	0
37	0	0	0	XL*	XL
38	0	0	0	XP	0
39	0	0	0	XS	XS
40	0	0	0	0	0
41	0	0	0	0	X
42	0	0	0	lost	0
43	X	X	0	X	X
44	0	XS**	0	lost	0
45	X	X	X	lost	X
46	0	0	0	lost	0
47	0	0	0	lost	0
48	2	0	0	lost	3
49	0	0	0	lost	0
50	0	0	0	lost	X
51	0	3	0	lost	0
52	0	2	0	lost	0
53	0	0	0	lost	0

Symbol	LEGEND TO TABLE 1.2, 1.4, and 2.1	Item
0	The specific aspect is not present	
X [XTb]	Aspect present [Sub-aspects shown through letters referring to highlight in legend]	
X* or *	There is a remark regarding the aspect in the capital description - main text	
not ident	Aspect has not been identified	
unpubl	No documented information regarding the aspect is available	
damage	Due to damage detail aspect cannot be discerned	
lost	The element on which the aspect appears has been removed/lost/altered	
unfinish	The aspect of the capital element has been left unfinished	

Section	Element	Sub-element	Aspect	Item
Organisation	Standard dimension present		Ell ; Foot; Qt Ft; dactyl	1
Organisation	FRONT ELEVATION		3-Dimensional modular co-ordination	2
			Formal relation between eye & side column - top column	3
			Volute: Involute/Circle arcs 90°/Random arcs/Square	4
			Echinus ordered around capital axis	5
	VOLUTE/ECHINUS PLAN		Square/Hexa-/Octa/Decagon/Rectangle/Rectangle across	6
	SIDE ELEVATION		Opposing faces: Inclined/Vertical	7
Plan	BOTTOM PLANE		Bottom plane extended to cushion	8
			Echinus continues under cushion	9
			Cushion and bottom plane at the same level	10
	TOP PLANE		Edge corresponds with junction of volute	11
			Enlarged by addition: Spandrel palmette/Angle/Curved abacus	12
			Enlarged by change in volute outline outward	13
Front elevation	Volutes	CANALIS	Profile differs on opposing front elevations	14
			Volute descends with: Obtuse angle / Curve	15
			Flat	16
			Convex	17
			Concave	18
			Decorated	19
			Horizontal channel bottom: Angular/Bow/Cord/Upturned cord	20
			Horizontal channel bottom: Total line straight	21
			Separated between volutes under top plane	22
			Vertically ascending under top plane (Aeolising)	23
		ASTRAGAL	Round (Volute interior): Single/Double/Quadruple	24
			Round (Volute channel exterior): Single/Double	25
			Round with border	26
			Line: Flat painted line / Raised rectangular moulding	27
			Incised	28
			Absent above the echinus	29
		EYE	Theoretical centre point only	30
			Flat: Painted/Defined by groove or bead/Hollow	31
			Convex	32
			Rosette: Small (eye)/Big (occupying whole volute)	33
			Other profiled: Circle/s with centre point/Spiral wheel	34
		Echinus	Early Ionian: Smooth/Flat leaf/Round leaf/border/no border	35
			Ionian egg-and-tongue: Round oval/Pointed	36
			Lesbian/Dorian cyma / Superimposed cyma	37
			Dome/Cavetto/Torus-smooth/Torus-ribbed	38
			Profiled surface/Smooth surface	39
			Fixed to: Total shaft/Drum segment	40
	INTERMEDIATE SPACE		Well defined between echinus and canalis	41
	PALMETTES		Spandrel palmette on capital bearing offset	42
			Spandrel palmette in volute- and horisontal canalis angle	43
	ABACUS		Profiled/Smooth	44
Side elevation	FORM	CYLINDER	Dubble-trumpet cylinder shape	45
			Straight cylinder shape	46
		BLOCK	With/No ornament	47
	Ornament	STRAP	Binding beads: Single/2/3/4	48
		SCALES	On Polster/Abacus-polster intermediate space	49
		PLANTS	On polster	50
		FLUTES & SEPERATING ELEMENTS	Flutes: 2/3/4/5/6	51
			Round beads between flutes: 2/3/4	52
			Other beads: Groove/Triangular-/Rectangular beading	53

TABLE 1.3

Geographically and Chronologically put

Up to 525 BC [Not Ion-9, 19, 34, 68, 73, 75, 76, 82]

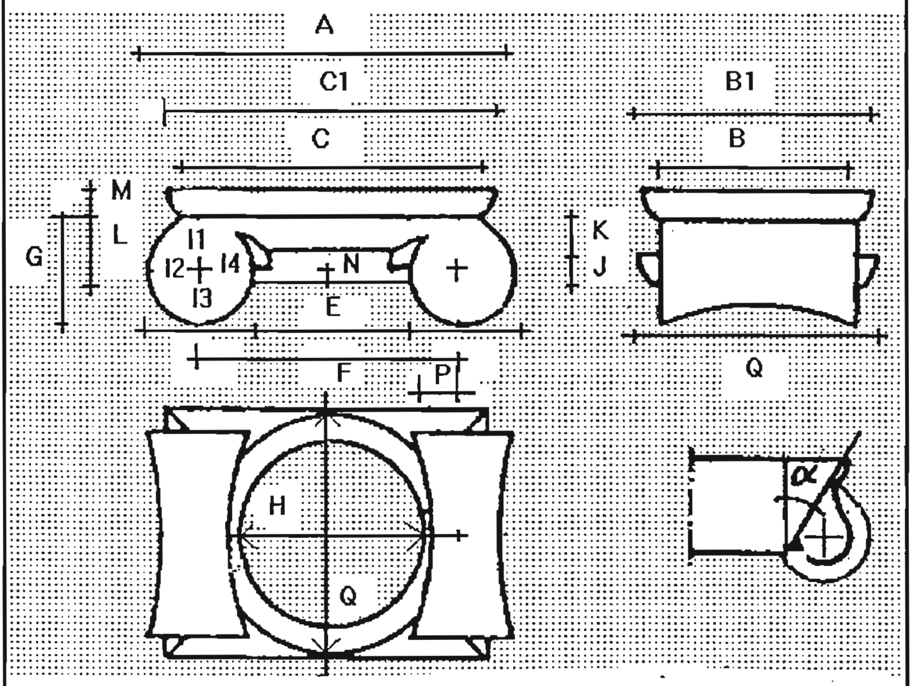
NAME AND ORIGIN OF ARTEFACT

Row groups: QUANTITATIVE DESCRIPTION OF ELEMENTS (rows A – alpha); QUANTITATIVE RELATIONSHIPS BETWEEN ELEMENTS (rows B:A – G:H)

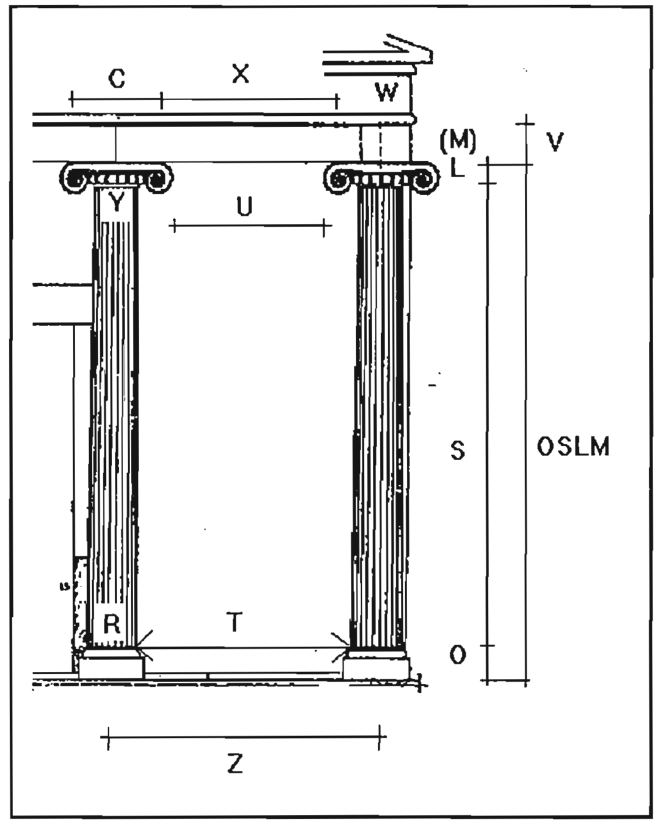
	ION-74	ION-74	ION-30	ION-30	ION-22	ION-22	ION-14	ION-14	ION-10	ION-10	ION-23	ION-23	ION-17	ION-17
Region			MAINLAND				N AFRICAN							
		ATHENEAN			AEGINA		KYRENE		PARIAN				PARIAN	
		550-525 BC			625-550 BC		625-550 BC		625-550 BC				550-25 BC	
Name and origin	*Enneakrounos*, Agora, Athens [Item A616/Nike Bastion]		Votive column, Athens		Sphinx column, Aphaia sanctuary, Aegina		Kyrene sphinx column		Votive column, Katapoliani church, Paros		Votive column, bastion of the acropolis, Thasos		Votive column, Ag Tris Eklesies, Paros	
A	790		464		1966		1590		930		1020		922	
B	456		228		585		480		324		330		386	
B'	490		228		none		none		none		none		none	
C	500		366		1497		1170		755		700		700	
C'	534		366		none		none		none		none		none	
D	264		172		553		480		265,5		340		277	
E	263		124		860		630		399		340		368	
F	488		290		1392		1020		609		595		620	
G	305		205		594		560		308		370		332	
H	454		218		1032		470		316,7		300		365	
I-1	160		116		312		310		168,5		210		193	
I-2	151		89		287		285		160,5		213		142	
I-3	145		89		282		250		139,5		160		138	
I-4	113		83		266		195		105		127		134	
J	86		77		374		225		94		125		129	
K	113		55		210		255		106		150		111	
L	199		132		594		480		200		290		240	
M	41		32		n appl		n appl		n appl		n appl		n appl	
Q	500		263		1046		750		512,7		500		553	
alpha	6,59		25,5		21,3		32		47.6		34,6		35,0	
B/A B:A	0,58	1,73	0,49	2,04	0,30	3,36	0,30	3,31	0,35	2,87	0,32	3,09	0,42	2,39
B/C B:C	0,91	1,10	0,62	1,61	0,39	2,56	0,41	2,44	0,43	2,33	0,47	2,12	0,55	1,81
B/C' B:C'	0,92	1,09	0,62	1,61	X	X	X	X	X	X	X	X	X	X
B/F B:F	0,93	1,07	0,79	1,27	0,42	2,38	0,47	2,13	0,53	1,88	0,55	1,80	0,62	1,61
C/A C:A	0,63	1,58	0,79	1,27	0,76	1,31	0,74	1,36	0,81	1,23	0,69	1,46	0,76	1,32
H/A H:A	0,57	1,74	0,47	2,13	0,52	1,91	0,30	3,38	0,34	2,94	0,29	3,40	0,40	2,53
H/C H:C	0,91	1,10	0,60	1,68	0,69	1,45	0,40	2,49	0,42	2,38	0,43	2,33	0,52	1,92
F/H F:H	1,07	0,93	1,33	0,75	1,35	0,74	2,17	0,46	1,92	0,52	1,98	0,50	1,70	0,59
D/A D:A	0,33	2,99	0,37	2,70	0,28	3,56	0,30	3,31	0,29	3,50	0,33	3,00	0,30	3,33
E/A E:A	0,33	3,00	0,27	3,74	0,44	2,29	0,40	2,52	0,43	2,33	0,33	3,00	0,40	2,51
F/A F:A	0,62	1,62	0,63	1,60	0,71	1,41	0,64	1,56	0,65	1,53	0,58	1,71	0,67	1,49
E/F E:F	0,54	1,86	0,43	2,34	0,62	1,62	0,62	1,62	0,66	1,53	0,57	1,75	0,59	1,68
G/F G:F	0,63	1,60	0,71	1,41	0,43	2,34	0,55	1.82	0,51	1,98	0,62	1,61	0,54	1,87
L/A L:A	0,25	3,97	0,28	3,52	0,30	3,31	0,30	3,31	0,22	4,65	0,28	3,52	0,26	3,84
LM/A LM:A	0,30	3,29	0,35	2,83	X	X	X	X	X	X	X	X	X	X
K/L K:L	0,57	1,76	0,42	2,40	0,35	2,83	0,53	1,88	0,53	1,89	0,52	1,93	0,46	2,16
K/LM K:LM	0,47	2,12	0,34	2,98	X	X	X	X	X	X	X	X	X	X
J/L J:L	0,43	2,31	0,58	1,71	0,63	1,59	0,47	2,13	0,47	2,13	0,43	2,32	0,54	1,86
J/LM J:LM	0,36	2,79	0,47	2,13	X	X	X	X	X	X	X	X	X	X
I-1/G I-1:G	0,52	1,91	0,57	1,77	0,53	1,90	0,55	1,81	0,55	1,83	0,57	1,76	0,58	1,72
D/G	0,87	1,16	0,84	1,19	0,93	1,07	0,86	1,17	0,86	1,16	0,92	1,09	0,83	1,20
D/E D:E	1,00	1,00	1,39	0,72	0,64	1,56	0,76	1,31	0,67	1,50	1,00	1,00	0,75	1,33
G/Q G:Q	0,61	1,64	0,78	1,28	0,57	1,76	0,75	1,34	0,60	1,66	0,74	1,35	0,60	1,67
G/A G:A	0,39	2,59	0,44	2,26	0,30	3,31	0,35	2,84	0,33	3,02	0,36	2,76	0,36	2,76
E/H E:H	0,58	1,73	0,57	1,76	0,83	1,20	1,34	0,75	1,26	0,79	1,13	0,88	1,01	0,99
L/B L:B	0,44	2,29	0,58	1,73	1,02	0,98	1,00	1,00	0,62	1,62	0,88	1,14	0,62	1,61
G/H G:H	0,67	1,49	0,94	1,06	0,58	1,74	1,19	0,84	0,97	1,03	1,23	0,81	0,91	1,10
N	39		16		282		170		31,5		80		51	
P	17		36		180		275		146,15		147,5		127,5	

	ION-69	ION-69	ION-1	ION-1	ION-4	ION-4	ION-24	ION-24	ION-7	ION-7	ION-6	ION-6	ION-11	ION-11	ION-18	ION-18
Region										ISLAND IONIAN						
							NAXIAN									
							625-550 BC									
Name and origin	Ionic capital of a votive column from Paros		Votive column [No.8], Demeter Sanct, Sangri, Naxos		Votive column, Delos		Interior + pronaos, Naxian Oikos IIa [Ohnesorg reconstr]		Dionysos temple IV, Iria, Naxos		Naxian Sphinx column, Delphi		Ersatz capital, Competaliast agora, Delos		Naxian sphinx column, Artemision, Delos	
A	690		550		880		672		1785		1857		601		1106	
B	280		243		370		266		605		703		320		410	
B'	none		none		none		none		none		none		none		none	
C	547		555		730		415		1275		1551		453		828	
C'	none		none		none		none		none		none		none		none	
D	218		166		210		225		430		462		185		362	
E	254		240		460		222		925		937		260		382	
F	436		378		616		X		1265		1328		430		650	
G	264		196		243		248		500		550		255		484	
H	182		250		420		266		684		703		X		396	
I-1	161		114		143		X		290		317		X		288	
I-2	127		97		132		X		260		259		X		228	
I-3	103		83		100		X		210		233		X		196	
I-4	81		70		78		X		170		203		X		134	
J	120		115		112		X		185		264		86		138	
K	96		75		88		X		185		115		97		184	
L	216		190		200		136		370		395		193		337	
M	n appl		n appl		n appl		163		n appl		n appl		n appl		n appl	
Q	365		301		540		350		1040		1060		X		560	
alpha	40,2		41,5		38,0		28,7		42,5		45,0		X		32,7	
B/A B:A	0,41	2,46	0,44	2,26	0,42	2,38	0,40	2,53	0,34	2,95	0,38	2,64	0,53	1,88	0,37	2,70
B/C B:C	0.51	1,95	0,44	2,28	0,51	1,97	0,64	1,56	0,47	2,11	0,45	2,21	0,71	1,42	0,50	2,02
B/C' B:C'	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B/F B:F	0,64	1,56	0,64	1,56	0,60	1,66	X	X	0,48	2,09	0,53	1,89	0,74	1,34	0,63	1,59
C/A C:A	0,79	1,26	1,01	0,99	0,83	1,21	0,62	1,62	0,71	1,40	0,84	1,20	0,75	1,33	0,75	1,34
H/A H:A	0,26	3,79	0,45	2,20	0,48	2,10	0,40	2,53	0,38	2,61	0,38	2,64	X	X	0,36	2,79
H/C H:C	0,33	3,01	0,45	2,22	0,58	1,74	0,64	1,56	0,54	1,86	0,45	2,21	X	X	0,48	2,09
F/H F:H	2,40	0,42	1,51	0,66	1,47	0,68	X	X	1,85	0,54	1,89	0,53	X	X	1,64	0,61
D/A D:A	0,32	3,17	0,30	3,31	0,24	4,19	0,33	2,99	0,24	4,15	0,25	4,02	0,31	3,25	0,33	3,06
E/A E:A	0,37	2,72	0,44	2,29	0,52	1,91	0,33	3,03	0,52	1,93	0,50	1,98	0,43	2,31	0,35	2,90
F/A F:A	0,63	1,58	0,69	1,46	0,70	1,43	X	X	0,71	1,41	0,72	1,40	0,72	1,40	0,59	1,70
E/F E:F	0,58	1,72	0,63	1,58	0,75	1,34	X	X	0,73	1,37	0,71	1,42	0,60	1,65	0,59	1,70
G/F G:F	0,61	1,65	0,52	1,93	0,39	2,53	X	X	0,40	2,53	0,41	2,41	0,59	1,69	0,74	1,34
L/A L:A	0,31	3,19	0,35	2,89	0,23	4,40	0,20	4,94	0,21	4,82	0,21	4,70	0,32	3,11	0,30	3,28
LM/A LM:A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
K/L K:L	0,44	2,25	0,39	2,53	0,44	2,27	X	X	0,50	2,00	0,29	3,43	0,50	1,99	0,55	1,83
K/LM K:LM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
J/L J:L	0,56	1,80	0,61	1,65	0,56	1,79	X	X	0,50	2,00	0,67	1,50	0,45	2,24	0,41	2,44
J/LM J:LM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
I-1/G I-1:G	0,61	1,64	0,58	1,72	0,59	1,70	X	X	0,58	1,72	0,58	1,74	X	X	0,60	1,68
D/G	0,83	1,21	0,85	1,18	0,86	1,16	0,91	1,10	0,86	1,16	0,84	1,19	0,73	1,38	0,75	1,34
D/E D:E	0,86	1,17	0,69	1,45	0,46	2,19	1,01	0,99	0,46	2,15	0,49	2,03	0,71	1,41	0,95	1,06
G/Q G:Q	0,72	1,38	0,65	1,54	0,45	2,22	0,71	1,41	0,48	2,08	0,52	1,93	X	X	0,86	1,16
G/A G:A	0,38	2,61	0,36	2,81	0,28	3,62	0,37	2,71	0,28	3,57	0,30	3,38	0,42	2,36	0,44	2,29
E/H E:H	1,40	0,72	0,96	1,04	1,10	0,91	0,83	1,20	1,35	0,74	1,33	0,75	X	X	0,96	1,04
L/B L:B	0,77	1,30	0,78	1,28	0,54	1,85	0,51	1,96	0,61	1,64	0,56	1,78	0,60	1,66	0,82	1,22
G/H G:H	1,45	0,69	0,78	1,28	0,58	1,73	0,93	1,07	0,73	1,37	0,78	1,28	X	X	1,22	0,82
N	55		76		57		X		80		78		X		49	
P	127		64		98		X		290,5		312,5		X		127	

	ION-20	ION-20	ION-5	ION-5	ION-64	ION-64	ION-25	ION-25	ION-15	ION-15	ION-45	ION-45	ION-28	ION-28	ION-16	ION-16	ION-29	ION-29	ION-58	ION-58	ION-59	ION-59	ION-61	ION-61
Region																EAST IO	NIAN							
						NAXIAN					MILESIAN					EPHESI	AN				SAMIAN			
						550-25 BC					550-25 BC				625-550 BC		550-25 BC		500>BC				500>BC	
Name and origin	Votive column found at theater, Delos		Prostoon (east portico)of the Naxian oikos IIb, Delos		Votive column, Demeter sanct, Sangri, Naxos		Naxian Stoa, Delos		Lower Temple, Myus		Temple (?), Miletos (*Milet-Yenikoy*)		The archaic Apollonion, Didyma		Artemision 'D', Ephesus		Unidentified temple, Ephesos		Heraion IV, Samos		Monopteros II (capitals ex Temple B), Samos		Temple, Athenaion, Syracuse [Reconstruction]	
A	530		858		469		694		1900		1053		2617		3080		1560		3060		791		2780	
B	308		432		198		338		625		484		1047		1116		603		1504		368		X	
B'	none		none		none		none		none		none		none		1220		680		none		none		X	
C	475		572		320		442		1400		704		2190		1980		918		2510		650		1845	
C'	none		none		none		none		none		none		none		2060		1038		none		none		X	
D	172		217		172,75		238		580		332		872		915		535		955		238		680	
E	186		425		123,5		218		740		389		872		1250		490		1150		313		920	
F	334		608		269		418		1250		681		1570		2030		890		1934		534		X	
G	190		254		197		284		675		368		1003		1047		581		1104		280		825	
H	218		462		173		276		780		450		1091		1430		634		1600		398		X	
I-1	103		143		X		158		X		204		567		600		325		624		159		X	
I-2	98		125		X		138		X		186		524		525		335		563		127,5		X	
I-3	87		111		X		126		X		164		436		447		258		480		121		X	
I-4	74		92		X		100		X		146		349		390		200		392		110,5		X	
J	102		130		20		67		230		116		262		288		150		301		92		277	
K	70		85		101		114		323		171		393		494		248		488		122		377	
L	172		215		121		181		553		287		654		782		398		789		214		644	
M	n appl		n appl		n appl		n appl		n appl		n appl		n appl		103		69		n appl		n appl		n appl	
Q	332		550		198		376		880		620		1309		1652		730		1880		482		X	
alpha	36,8		15,0		31,28		24,63		29,3		23,9		40,0		19,5		26,1		29,97		30,49		X	
B/A B:A	0,58	1,72	0,5	1,99	0,42	2,37	0,49	2,05	0,33	3,04	0,46	2,18	0,40	2,50	0,36	2,76	0,39	2,59	0,49	2,03	0,47	2,15	X	X
B/C B:C	0,65	1,54	0,7552	1,32	0,62	1,62	0,76	1,31	0,45	2,24	0,69	1,45	0,48	2,09	0,56	1,77	0,66	1,52	0,60	1,67	0,57	1,77	X	X
B/C' B:C'	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0,59	1,69	0,66	1,53	X	X	X	X	X	X
B/F B:F	0,92	1,08	0,7105	1,41	0,74	1,36	0,81	1,24	0,50	2,00	0,71	1,41	0,67	1,50	0,55	1,82	0,68	1,48	0,78	1,29	0,69	1,45	X	X
C/A C:A	0,90	1,12	0,6667	1,50	0,68	1,47	0,64	1,57	0,74	1,36	0,67	1,50	0,84	1,19	0,64	1,56	0,59	1,70	0,82	1,22	0,82	1,22	0,66	1,51
H/A H:A	0,41	2,43	0,5385	1,86	0,37	2,71	0,40	2,51	0,41	2,44	0,43	2,34	0,42	2,40	0,46	2,15	0,41	2,46	0,52	1,91	0,50	1,99	X	X
H/C H:C	0,46	2,18	0,8077	1,24	0,54	1,85	0,62	1,60	0,56	1,79	0,64	1,56	0,50	2,01	0,72	1,38	0,69	1,45	0,64	1,57	0,61	1,63	X	X
F/H F:H	1,53	0,65	1,316	0,76	1,55	0,64	1,51	0,66	1,60	0,62	1,51	0,66	1,44	0,69	1,42	0,70	1,40	0,71	1,21	0.83	1,34	0,75	X	X
D/A D:A	0,32	3,08	0,2529	3,95	0,37	2,71	0,34	2,92	0,31	3,28	0,32	3,17	0,33	3,00	0,30	3,37	0,34	2,92	0,31	3,20	0,30	3,32	0,24	4,09
E/A E:A	0,35	2,85	0,4953	2,02	0,26	3,80	0,31	3,18	0,39	2,57	0,37	2,71	0,33	3,00	0,41	2,46	0,31	3,18	0,38	2,66	0,40	2,53	0,33	3,02
F/A F:A	0,63	1,59	0,7086	1,41	0,57	1,74	0,60	1,66	0,66	1,52	0,65	1,55	0,60	1,67	0,66	1,52	0,57	1,75	0,63	1,58	0,68	1,48	X	X
E/F E:F	0,56	1,80	0,699	1,43	0,46	2,18	0,52	1,92	0,59	1,69	0,57	1,75	0,56	1,80	0,62	1,62	0,55	1,82	0,59	1,68	0,59	1,71	X	X
G/F G:F	0,57	1,76	0,4178	2,39	0,73	1,37	0,68	1,47	0,54	1,85	0,54	1,85	0,64	1,57	0,52	1,94	0,65	1,53	0,57	1,75	0,52	1,91	X	X
L/A L:A	0,32	3,08	0,2506	3,99	0,26	3,88	0,26	3,83	0,29	3,44	0,27	3,67	0,25	4,00	0,25	3,94	0,26	3,92	0,26	3,88	0,27	3,70	0,23	4,32
LM/A LM:A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0,29	3,48	0,30	3,34	X	X	X	X	X	X
K/L K:L	0,41	2,46	0,3953	2,53	0,83	1,20	0,63	1,59	0,58	1,71	0,60	1,68	0,60	1,66	0,63	1,58	0,62	1,60	0,62	1,62	0,57	1,75	0,59	1,71
K/LM K:LM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0,56	1,79	0,53	1,88	X	X	X	X	X	X
J/L J:L	0,59	1,69	0,6047	1,65	0,17	6,05	0,37	2,70	0,42	2,40	0,40	2,47	0,40	2,50	0,37	2,72	0,38	2,65	0,38	2,62	0,43	2,33	0,43	2,32
J/LM J:LM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0,33	3,07	0,32	3,11	X	X	X	X	X	X
I-1/G I-1:G	0,54	1,84	0,563	1,78	X	X	0,56	1,80	X	X	0,55	1,80	0,57	1,77	0,57	1,75	0,56	1,79	0,57	1,77	0,57	1,76	X	X
D/G	0,91	1,10	0,8543	1,17	0,88	1,14	0,84	1,19	0,86	1,16	0,90	1,11	0,87	1,15	0,87	1,14	0,92	1,09	0,87	1,16	0,85	1,18	0,82	1,21
D/E D:E	0,92	1,08	0,5106	1,96	1,40	0,71	1,09	0,92	0,78	1,28	0,85	1,17	1,00	1,00	0,73	1,37	1,09	0,92	0,83	1,20	0,76	1,32	0,74	1,35
G/Q G:Q	0,57	1,75	0,4618	2,17	0,99	1,01	0,76	1,32	0,77	1,30	0,59	1,68	0,77	1,31	0,63	1,58	0,80	1,26	0,59	1,70	0,58	1,72	X	X
G/A G:A	0,36	2,79	0,296	3,38	0,42	2,38	0,41	2,44	0,36	2,81	0,35	2,86	0,38	2,61	0,34	2,94	0,37	2,69	0,36	2,77	0,35	2,83	0,30	3,37
E/H E:H	0,85	1,17	0,9199	1,09	0,71	1,40	0,79	1,27	0,95	1,05	0,86	1,16	0,80	1,25	0,87	1,14	0,77	1,29	0,72	1,39	0,79	1,27	X	X
L/B L:B	0,56	1,79	0,50	2,01	0,61	1,64	0,54	1,87	0,88	1,13	0,59	1,69	0,62	1,60	0,70	1,43	0,66	1,52	0,52	1,91	0,58	1,72	X	X
G/H G:H	0,87	1,15	0,5498	1,82	1,14	0,88	1,03	0,97	0,87	1,16	0,82	1,22	0,92	1,09	0,73	1,37	0,92	1,09	0,69	1,45	0,70	1,42	X	X
N	69		72		X		23		X		83		87		182		73		165		55		X	
P	58		73		48		71		235		115,5		239,5		300		128		167		68		X	



Augmentation of the diagram by Theodorescu (1980)



Original elevation by Gruben (1989)

TABLE 1.4

First generation Ionic capitals — Geographically and chronologically put — QUALITATIVE DESCRIPTION OF ELEMENTS

No	ION-74	ION-30	ION-76	ION-34	ION-75	ION-22	ION-14	ION-10	ION-23	ION-17	ION-69
	MAINLAND						Africa				
		Athens				Aegina	Kyrene			PARIAN	
DATE		550-25 BC				625-550 BC	550-25 BC	625-550 BC		550-25 BC	
NAME AND ORIGIN OF ARTEFACT	Enneakrounos, Agora, Athens {Item A616 and Nike B	Votive column, Athens [Item 3655]	Ameinias votive column (No. 3850), acropolis, Athens	Capital from the acropolis, Athens [Item 3852]	Ionic capital of votive column, acropolis, Athens	Sphinx column, Aphaia, Aegina	Kyrene sphinx column	Votive column, Katapoliani church, Paros	Votive column, bastion of the acropolis, Thasos	Votive column, Ag Tris Eklesies, Paros	Ionic capital of a votive column from Paros
1	Yes	Yes	unknow	unpubl	Yes	Yes	yes	Yes	Yes	yes	not ident
2	X	X	unpubl	unpubl	damage	X	X	X	X	X	not ident
3	0	0	unpubl	lost	damage	Xs + Xt	0	Xt	Xs + Xt	0	not ident
4	XC	XC	XC	unpubl	damage	XI+XR	XC	XR	XC+XS	XR	XR
5	X	0	damage	lost	damage	X	X	X	X	X	X
6	XH	XH*	unpubl	unpubl	damage	XR	XR	XR	XS	XS	XS
7	XV	XV	XV	unpubl	XV	XI	XI	XV	0	XV	XV
8	0	X	X	X	damage	0	0	0	0	0	X*
9	X	0	0	0	damage	0	X	XA	X	X	0
10	0	0	0	0	damage	X	0	0	0	0	0
11	0	0	0	unpubl	0	0	0	damage	X	0	0
12	XC	XA	0	unpubl	XS	XA	XA	damage	0	XA	XA
13	0	0	X**	unpubl	0	0	0	damage	0	0	0
14	0	0	unpubl	unpubl	0	damage	X	0	0	0	0
15	XC	XC	XO	unpubl	XC	XC	XC	XC	XC	XC	XC
16	0	X	X	unpubl	0	X	X	0	0	0	0
17	0	0	0	unpubl	0	0	X	0	X	X	X
18	X	0	0	unpubl	X	0	0	X	0	0	0
19	0	0	0	unpubl	0	0	0	0	0	0	0
20	XC	XC	XC	lost	XC	XC	0	0	0	0	0
21	0	0	0	lost	0	0	0	XT	0	0	XT
22	0	0	0	lost	0	0	0	X	0	X	0
23	0	0	0	0	0	0	0	0	0	0	0
24	XS	0	0	unpubl	0	0	XS	XD	XS	XS	XS
25	XS	0	0	unpubl	0	0	XS	XS	XS	XS	XS
26	X	0	0	unpubl	0	0	0	0	0	0	0
27	0	XF	0	unpubl	XR	0	0	0	0	0	0
28	0	0	X	unpubl	0	X	0	0	0	0	0
29	0	0	X	lost	0	0	X	0	X	X	0
30	0	0	0	unpubl	0	X	X	X	0	X	X
31	XD*	XP	XP	unpubl	XD	0	0	0	0	0	0
32	0	0	0	unpubl	0	0	0	0	X	0	0
33	XS*	0	0	unpubl	0	0	0	0	0	0	0
34	0	0	0	unpubl	0	0	0	0	0	0	0
35	0	0	0	unpubl	0	0	XRb	XRb	XRb	XRb	XFn**
36	XR	0	damage	unpubl	damage	0	0	0	0	0	0
37	0	0	0	unpubl	0	0	XS	0	0	0	0
38	0	XD	XD***	unpubl	0	XD	0	0	0	0	XD
39	XP	XS	damage	unpubl	damage	XP	0	0	0	XP	XP
40	0	0	0	0	damage	0	0	0	***	0	0
41	X	0	damage	unpubl	damage	0	0	0	0	0	0
42	0	0	0	unpubl	X	0	0	0	0	0	0
43	X*	X	X*	unpubl	damage	0	X	X	X	X	X***
44	XP?	XS	XS	unpubl	0	0	0	0	0	0	0
45	X	X	X	X	X	X	X	X	X	X	X
46	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0
48	4**	0	0	0	2	0	3	0	0	0	0
49	0	XA	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0
51	3**	0	0	0	2	0	0	4	4	4	3
52	0	0	0	0	2	0	0	3 and 4	3	4	4
53	0	0	0	0	0	0	XT	0	0	0	0

No	ION-1	ION-4	ION-24	ION-9	ION-7	ION-6	ION-11	ION-18	ION-19	ION-20	ION-5	ION-64	ION-25
	ISLAND IONIAN							ISLAND IONIAN					
	NAXIAN							NAXIAN				NAXIAN	
DATE	625-550 BC							625-550 BC				550-25 BC	
NAME AND ORIGIN OF ARTEFACT	Votive column, Demeter Sanctuary, Sangri, Naxos	Votive column, Delos	Interior and west in-antis facade, Naxian Oikos, Delos	Votive column, Demeter sanctuary at Sangri, Naxos	Dionysos temple IV, Iria, Naxos	Naxian Sphinx column, Delphi	Ersatz capital, Competaliast agora, Delos	Naxian sphinx column, Artemision, Delos	2nd Naxian sphinx column, Artemision, Delos	Votive column found at theater, Delos	Prostoon (east portico) of the Naxian Oikos, Delos	Votive column, Demeter sanct, Sangri, Naxos [Item 2	Naxian Stoa, Delos
1	Yes	Yes	yes	unpubl	Yes	Yes	damage	no	no	yes	Yes	no	yes
2	X	X	X	lost	X	X	damage	0	0	X	X	0	X
3	Not appl	lost	0	lost	Xs	0	damage	0	0	0	Xt + Xs	0	0
4	XC	XC	damage	XC	XC	XC	damage	unpubl	unpubl	XC	XC	XC	XC+XR
5	not appl	lost	damage	lost	X	X	damage	X	damage	X	X	n appl	X
6	XS	XR	XRa	lost	XR	XR	XS	XS *	damage	XH*	XR	XRa	XRa
7	XV	XV	XV	unpubl	XV	XV	XV	XV	XV	XV	XV	XI-outw	XV
8	not appl	0	0	lost	0	0	0	0	0	0	0	0	0
9	not appl	X	X	lost	X	X	X	X	X	X	X	0	X
10	not appl	0	0	lost	0	0	0	0	0	0	0	0	0
11	0	0	0	0	X	0	0	0	0	0	0	0	X*
12	XA	XA	0	XS	0	XA	XA	XA	XA	XA	XA	XA	0
13	X	0	X	0	0	0	0	0	0	X	0	0	0
14	0	unpubl	0	unpubl	X	0	damage	unpubl	unpubl	0	0	X**	X**
15	XO	XO	XO	XC	XC	XC	0	XC	0	XO	XO	XC	XC
16	X	0	X	0	0	0	0	0	0	X	X	X	0
17	0	0	0	0	0	0	0	0	0	0	0	0	X
18	0	0	0	X	X	X	X	X	X	0	0	0	0
19	0	0	0	0	0	0	damage	0	0	0	0	0	0
20	XA	XC	XC	lost	XC	XC	XA	0	0	XB	XC	XA	XC
21	0	0	0	lost	0	0	0	0	0	0	0	0	0
22	0	0	0	lost	0	0	0	X	X	0	0	0	0
23	0	0	0	lost	0	0	0	0	0	0	0	0	0
24	0	0	0	XD	XD	XD	XS	XQ	XQ	0	0	XS	XS
25	0	0	0	XS	XS	XS	damage	XD	XD	0	0	XS	XS
26	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	XF [?]	0	0	0	0	0	0	0	0	0	0
28	X	X	damage	0	0	0	0	0	0	0	X	0	0
29	X	0	0	lost	X*	X*	0	0	0	0	X	0	0
30	0	X	X	X	X	X	damage	X	X	0	X	X	X
31	XD	0	0	0	0	0	damage	0	0	0	0	0	0
32	0	0	0	0	0	0	damage	0	0	0	0	0	0
33	0	0	0	0	0	0	damage	0	0	0	0	0	0
34	0	0	0	0	0	0	damage	0	0	XC	0	0	0
35	0	XS	XS	lost	XFb	XFb	damage	XRb	XRb	XFn	XRb	0	0
36	0	0	0	lost	0	0	damage	0	0	0	0	0	XR
37	0	0	0	0	0	0	damage	0	0	0	0	0	0
38	XTs	0	0	lost	0	0	0	0	0	0	XTs	0	0
39	XS	XS	XS	0	0	0	0	XP	0	XP	XS	XS*	XP
40	XT	0	0	lost	0	0	0	0	0	0	0	X	0
41	0	0	0	lost	0	0	0	0	0	0	0	0	0
42	0	0	0	X	0	0	0	0	0	0	0	0	0
43	X	X	X [?]	lost	X	X	damage	X	X	X	X	0	X
44	0	0	X	0	0	0	0	0	0	0	0	0	0
45	0	X	X	0	X	X	X	X	X	X	X	X	X
46	X	0	0	X	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	3	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	5	6	5	4	4	4	0	0	0	4
52	0	0	0	2	1	2	2	3	2	0	0	0	2
53	0	0	0	unpubl	0	0	0	0	0	0	0	0	0

No	ION-15	ION-45	ION-82	ION-28	ION-16	ION-29	ION-58	ION-59a
	EAST IONIAN				EAST IONIAN			
	MILESIAN				EPHESIAN		SAMIAN	
DATE			550-25 BC		625-550 BC	550-25 BC	[illegible]	
NAME AND ORIGIN OF ARTEFACT	Lower Temple, Myos	Temple (?), Miletos (Milet-Yenikoy)	Votive column, Didyma [Item F723]	The archaic Apollonion, Didyma	Artemision 'D', Ephesos	Ionic capital of a temple, Ephesos [Bysantine aquaduc	Heraion IV, Samos	Monopteros II (capitals ex Temple B), Samos
1	yes	yes	damage	Yes	yes	yes	Yes	Yes
2	X	0	damage	X	X	X	X	X
3	0	0	lost	0	Xt	Xt	Xs + Xt	0
4	XC	XC	damage	XC	XC	XC	XC	XC
5	X	X	damage	X	X	X	X	X
6	XS	XRa	lost	XS*	XR*	Ra	XRa	XS**
7	XV	XI	unpubl	XI	XI	XV	XI	XI
8	0	0	0	0	0	0	0	0
9	X	X	X	X	X	X	X	X
10	0	0	0	0	0	0	0	0
11	X	0	damage	0	0	0	0	0
12	0	XS*	damage	XS	XC	0	0	0
13	0	0	damage	0	0	0	X	X
14	unpubl	0	lost	0	0	0	0	X****
15	XC	XC	lost	XC	0	XC	XO	XO
16	0	0	0	0	0	0	0	0
17	X	X	X	X	X	X	X	X
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	XA	XA	XC	XA	XA	XC	XC	XC***
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	XS	XS	XS	XS	XS	XS	XS	XS
25	XS	XS	lost	XS	XS	XS	XS	XS
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	X	X	X	X	X	X	X	X
31	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0
35	XRb	0	0	0	XRb	0	0	0
36	0	XR	lost	XR	0	XR	XR	XR
37	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0
39	XP	0	0	0	P	XP	XP	X*
40	0	0	0	0	0	0	*	0
41	0	0	lost	0	0	0	0	0
42	0	0	damage	X	0	0	0	0
43	X	X	X	X	X	X	X	X
44	0	**	0	0	XP	XP?	0	0
45	X	lost	X	X	X	X	X	X
46	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	X	0
51	3	lost	damage	4	4	3	0	0
52	2	lost	damage	2	2	2	0	0
53	0	0	0	0	0	0	0	0

TABLE 1.5 Quantitative description of relevant facade elements of Ionic buildings up to 525 BC

QUANTITATIVE CRITERIA

	Bld No.	Bld 1d [Included for comparison]		Bld 12b		Bld 12b		Bld 3d		Bld 12c	
	Capital	[Tor-1 + bracket]		[Ion-24]		[As Ion-24]		[Ion - 7a]		[Ion - 5]	
	Building	1sr Dipt Heraion [Zone E - corners]		Naxian Oikos interior, Delos		Naxian Oikos exter. west prodomos		Dionysos Temple IV, Iria, Naxos [Outer]		Prostôon, Naxian *Oikos*, Delos	
	Z	5250 [E]	Hendrich, 1997, Beil2 [Kienast]	2074	Gruben, 1972, p.323	ca 2460	Gruben, 1997, Fig.40	4080	Gruben, 1987, p.595	2921	Courbin, 1980, p.102
	T	3640	Resultant	1700	Resultant	ca 2173	Resultant	3310	Resulatant	2278	Resultant
	O	535	Wesenberg, 1971, p.125	465	Ohnesorg, 1993, Plate 3	ca 650 [664 courbin?]		450	Gruben, 1987, p.596	362	Ohnesorg, 1993a, Plate 3
	S	9693	Hypoth: Resultant	4500	Ohnesorg, 1993, Plate 3	ca 4028	Resultant	7250	Resultant: Gruben, 1987, p.596	3168	Hypoth: Ohnesorg, 1993a
A	R	1600-20	Hendrich, 1997, p.52 [Kienast]	376	Gruben, 1963, p.148	367	Courbin, 1980, Plate 5	770	Gruben, 1987, p.596	ca 480	Ohnesorg, 1993a, Plate 3
R	Y	1320-70	Hendrich, 1997, p.52 [Kienast]	264	Gruben, 1963, p.148	264	[as inner - same capital]	660	Gruben, 1987, p.596	ca 420	Ohnesorg, 1993a, Plate 3
I	U	3260	Between cymas	1414	Resultant	1800	Resultant	2295	Resulatant	2063	Resulatant
T	OSLM	10480	Hypoth: Buschor, 1930, p.87	5135	Ohnesorg, 1993, Plate 3	4870	Gruben, 1997, p.348	8070	Hypoth: Gruben, 1987, p.596	3740	Ohnesorg, 1993a, Plate 3
E	Bld No.	Bld 2d		Bld 21		Bld 22	Also Ohnesorg, 1993a	Bld 23		Bld 26	* including Bammer, 1972b
C	Capital	[Ion - 16a]	[OSLM includes plinth]	[Ion - 15]		[Ion - 25a]		No capitals		[Ion -26]	
R	Building	Artemision 'D', Ephesos [min col cent]		Lower Temple, Myus		Naxian Stoa, Delos [S.flank;aver cent]		Apollonion, Palati, Naxos		Apollonion, Phanai, Chios	
I	Z	5230	Bammer, 1972b, Fig.5	3141	Weber, 1967, Fig.2	2320 aver	Hellmann et al, 1979, p.99	4385	Gruben, 1972, Fig.13	lost	
T	T	3660	Resultant	2402	Resultant	1915 aver	Resultant	2764	Resultant	lost	
E	O	1320	Murray, 1889, Fig.5	486	Wesenberg, 1971, p.120	187	Hellmann et al, 1979, p.112	lost		470	Boardman, 1959, Fig.1a-b
V	S	lost		7829	Deduce	2735	Hellmann et al, 1979, p.99	lost		10048	Resultant
E	R	1575	Gruben, 1963, p.148	739	Weber, 1967, p.137	348	Vallois, 1966a, p.101	1621	Hypoth: Gruben, 1972, Note 4	920	BSA 1934/5, p.142
	Y	1200	Gruben, 1963, p.148	614	Weber, 1967, p.137	255	Vallois, 1966a, p.101	lost		800	Hypoth: Capital bottom H]
	U	2150	Resultant	1241	Resultant	1626	Resultant	not measrb		1400	Resultant
	OSLM	18900	Gruben, 1966, p.158	ca 8868	Weber, 1967, p.138	3107	Hellmann et al, 1979, p.112	not measrb		11040	Hypoth*: Kirchhoff, 1988, p.275
	Bld No.	Bld 6d		Bld 1e		Bld 27		Bld 28			
	Capital	[Ion - 28a]		[Ion - 58a]		[Ion - 74a]		[No capitals]			
	Building	Archaic Didymeion, Didyma		Heraion IV (Polycratos), Samos		Enneakrounos, Athens		Temple 'A', Paros			
	Z	4188	Gruben, 1963, p.89, Fig.1	4730	Kienast, 1992, note 20	ca 2400	Thompson, 1972, Fig.50	2992	Gruben, 1982a, Fig.15		
	T	2879	Resultant	2840	Resultant	1874	Resultant	2032	Resultant		
	O	548	Knackfuss-Wiegand, 1941a, Tab82	730	Boardman, 1959, p.175, Fig.2b	110 [108-12]	Merrit, 1982, Fig.3-5	unknown			
	S	14248	Deduce	18411	Deduce: hypoth col height	lost		unknown			
	R	1309	Gruben, 1963, p.108	1890	Gruben, 1963, p.155	526 Bottom	Merrit, 1982, p.89, Fig.3	960	Gruben, 1982a, p.215 note 39a		
	Y	1038	Gruben, 1963, p.127	1500	Gruben, 1960, Fig.49	454	Merrit, 1982, p.89, Fig.1	775	Gruben, 1982a, p.214		
	U	1571	Resultant	1670	Resultant	1610	Resultant	not measrb			
	OSLM	15450	Hypoth: Gruben, 1963, 158	19930	Hypoth: Gruben, 1963, p.155	not measrb		8860	Hypoth: Gruben, 1982a, p.215		

TABLE 1.6	Bld No.	Bld 1d	Bld 12b	12b	Bld 3d	Bld 12c	Bld 2d	Bld 21	Bld 6d	Bld 22	Bld 23	Bld 1e	Bld 26	Bld 27	Bld 28
	Date	ca 575 BC	ca 575BC	ca 575BC	570BC	<550BC	<550BC	550BC	ca 550 BC	550-40BC	550-24BC	540/500>BC	550-25BC	540-30BC	530-20BC
Effect of Gruben (1991; 1996, Fig17; 1997, Fig40) on proportions of pre-525 BC Archaic Ionic facades	Chronologically put first generation Ionic	1st Dipt Heraion, Samos [Col. type 'E' + Tor-1: Dims excl bracket]	Naxian Oikos interior, Delos [Ion-24] + Gruben, 1996, Fig.17	Naxian Oikos [Ext W][As Ion-24] + Gruben, 1997, Fig.40	Dionysos Temple IV ext, Iria + Gruben, 1991; 1996, Fig.17	Prostoon Naxian Oikos, Delos [Ion - 5] + Gruben, 1997, Fig.40	Artemision D', Ephesos [Ion - 16a] Gruben, 1996, Fig.17	Lower Temple, Myus [Ion - 15]	Archaic Didymeion, Didyma [Ion - 28a] + Gruben, 1996, Fig.17	Naxian Stoa [S. av cent], Delos [Ion - 25a] + Gruben, 1996, Fig.17	Apollonion, Palati, Naxos [No capitals]	Heraion Polycrates, Samos [Ion - 58a] Gruben, 1996, Fig.17	Apollonion, Phanai, Chios [Ion -26]	Enneakrounos, Athens [Ion - 74a]	Temple 'A', Paros [No capitals] Gruben, 1996, Fig.17
QUANTITATIVE CRITERIA	Z	5250	2074	2460	4070	2921	5230	3141	4188	2320	4385	4730	3400	2400	2992
	T	3640	1700	2173	3310	2278	3660	2402	2879	1915	2764	2840	2480	1874	2032
	O	535	x	650	x	x	x	486	548	187	lost	x	470	110	unknown
	S	9693	x	4028	x	lost	x	7829	14248	2735	lost	x	10048	lost	unknown
	R	1610	376	367	760	480	1575	739	1309	350	1621	1890	920	526	960
	Y	1345	264	264	660	420	1200	614	1038	255	lost	1500	800	454	775
	OSLM	10480	5000	4870	6860	3610	12600	8868	15450	3110	not measrb	19930	11040	not measrb	8980
	spira diam	x	439,5	x	x	x	2020	x	x	x	x	x	x	x	x
	L	252	170	170	370	210	885	553	654	181	lost	789	522	199	lost
	A	1520 [cyma]	660	660	1785	858	3080	1900	2617	694	lost	3060	2000	790	lost
	C or C^1	1420 [top]	474	474	1275	572	2060	1400	2190	442	lost	2510	1360	534	lost
	U	3830	1414	1800	2295	2063	2150	1241	1571	1626	not measrb	1670	1400	1610	not measrb
	X	3360	1600	1986	2805	2349	3170	1741	1998	1878	not measrb	2220	2040	1866	not measrb
	Y/R	0,84	0,70	0,72	0,87	0,88	0,76	0,83	0,79	0,73	not measrb	0,79	0,87	0,86	0,81
	OSLM/R	6,51	13,30	13,27	9,03	7,52	8,00	12,00	11,80	8,89	not measrb	10,54	12,00	not measrb	9,35
	Z/R	3,26	5,52	6,70	5,36	6,09	3,32	4,25	3,20	6,63	2,71	2,50	3,70	4,56	3,12
	T/R	2,26	4,52	5,92	4,36	4,75	2,32	3,25	2,20	5,47	1,71	1,50	2,70	3,56	2,12
	Z/OSLM	0,50	0,41	0,45	0,48	0,63	0,29	0,27	0,19	0,62	not measrb	0,14	0,22	not measrb	0,23
	X/OSLM	0,32	0,32	0,41	0,41	0,65	0,25	0,20	0,13	0,60	not measrb	0,11	0,18	not measrb	not measrb
	U/A	Not App	2,14	2,73	1,29	2,40	0,70	0,65	0,60	2,34	not measrb	0,55	0,70	2,04	not measrb
	X/C	Not App	3,38	4,19	2,20	4,11	1,54	1,24	0,91	4,25	not measrb	0,88	1,50	3,49	not measrb
	Z/A	Not App	3,14	3,73	2,28	3,40	1,70	1,65	1,60	3,34	not measrb	1,55	1,70	3,04	not measrb
	Z/C	Not App	4,38	5,19	3,19	5,11	2,54	2,24	1,91	5,25	not measrb	1,88	2,50	4,49	not measrb

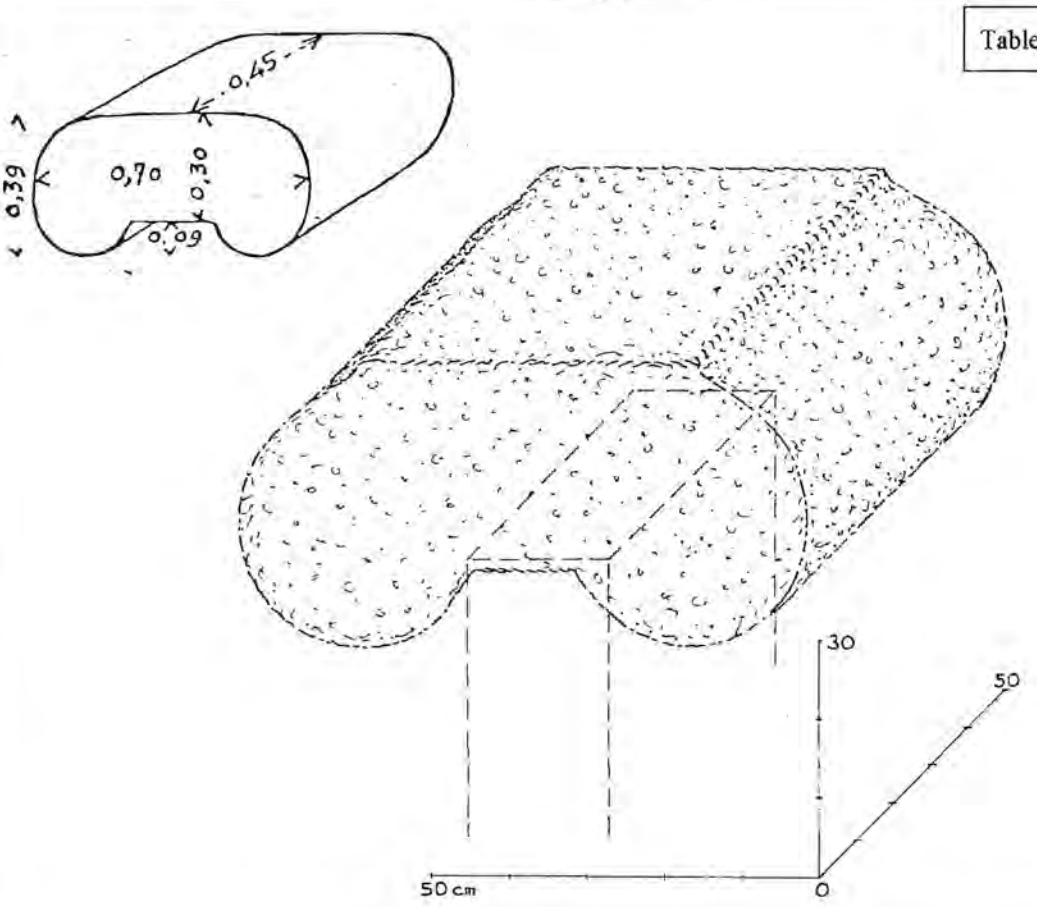
APPENDIX 2 DRAWINGS OF RELEVANT ARCHAIC PRE-IONIC, AEOLIC, AEOLICISING, CYMA , IONIC AND TORUS CAPITALS (625 up to 489 BC)

Index

A

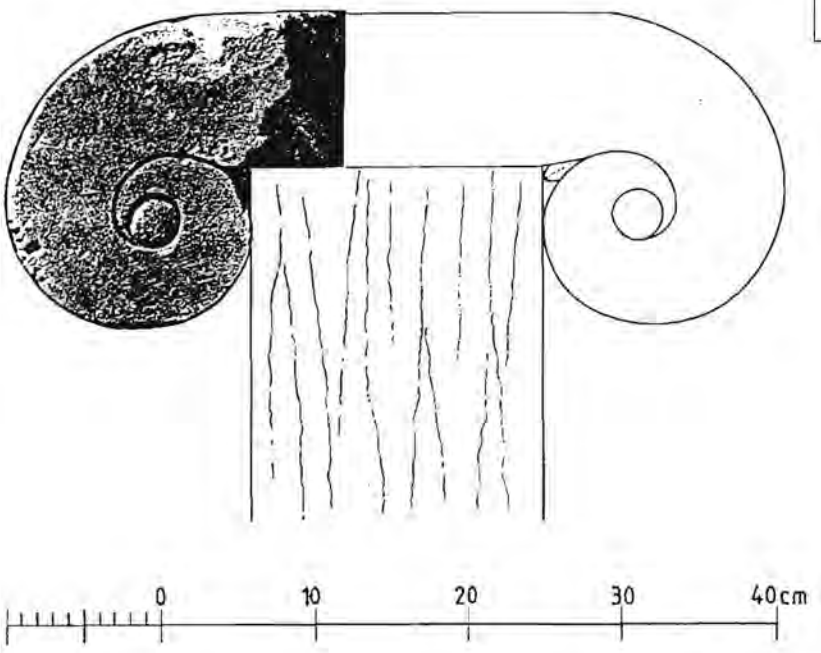
Stone non-standard Ionic capitals (Preion-) and Ionic standard capitals (Ion-).
There are no capitals Ion-2, -3, -8, -33, -47, -49, -70, -71 and -79.

Table Preion-1



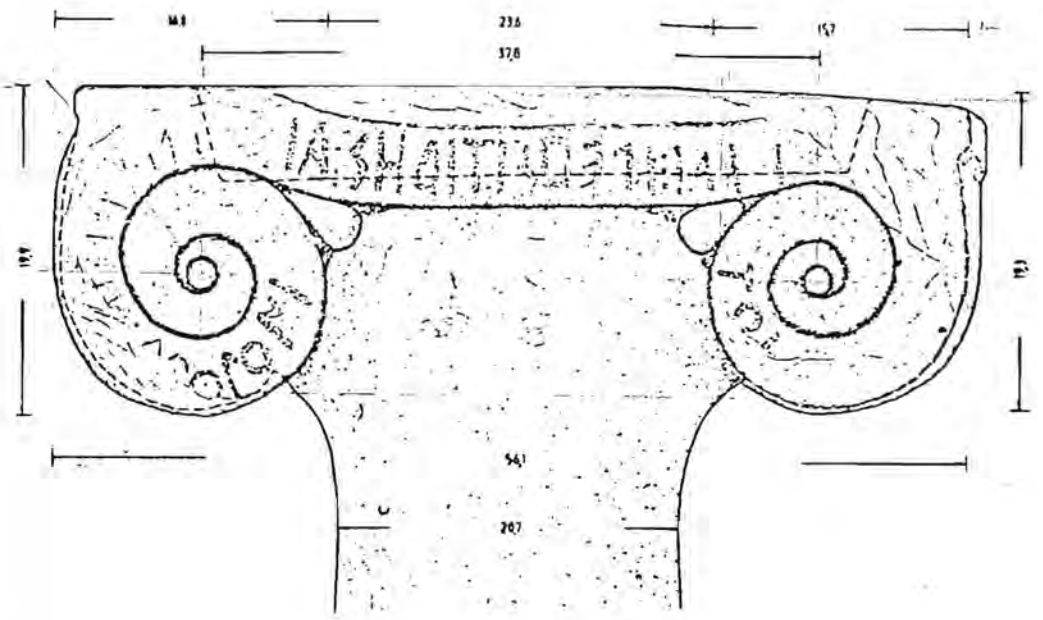
Drwg/photo reference: Courby, 1921, Fig.5; Gruben, 1996, Fig.4.

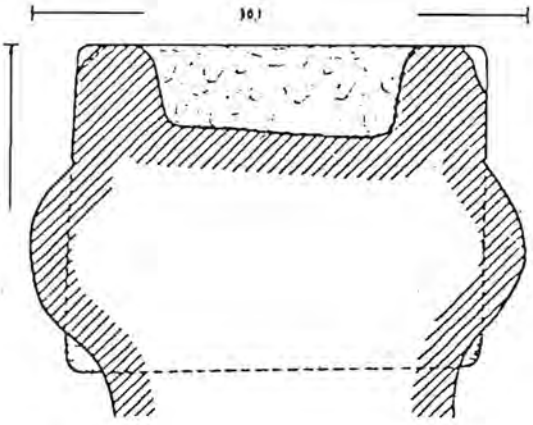
Table Preion-2

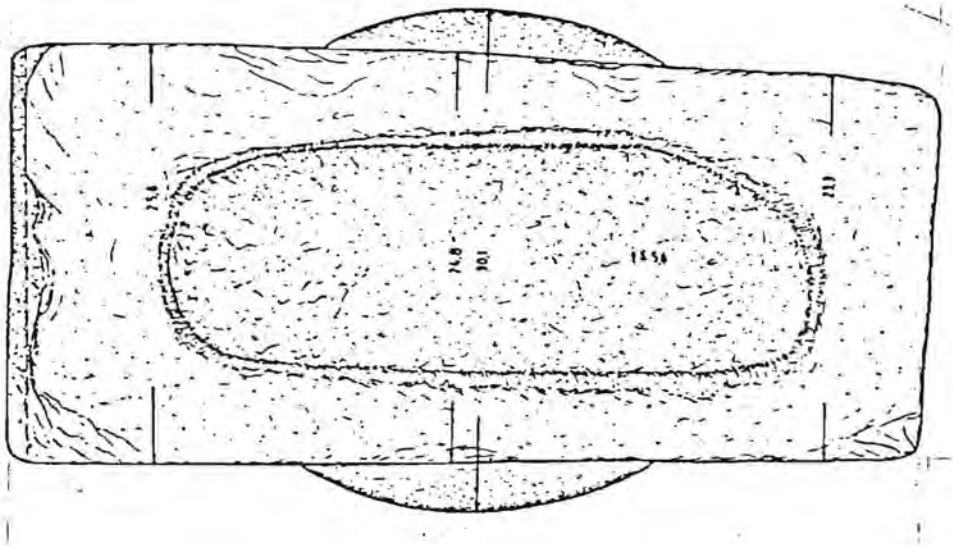


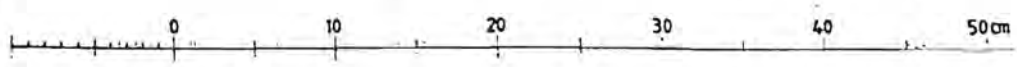
Drwg/photo reference: Gruben, 1969, Fig.3 [His collage drawing, using the photograph of fragment 29 in Wiegand, 1941a, Plate 213 - F662A].

Table I.



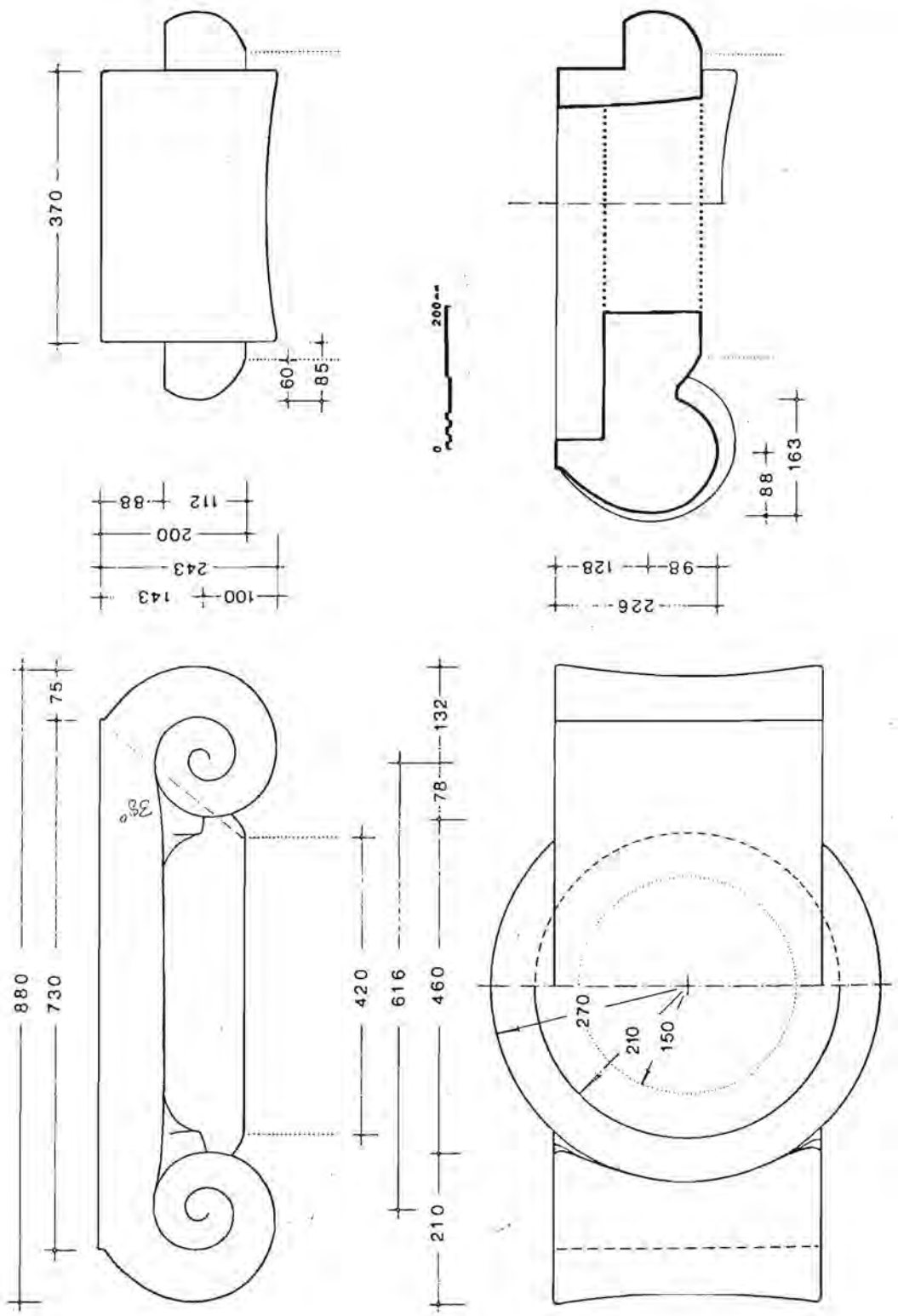






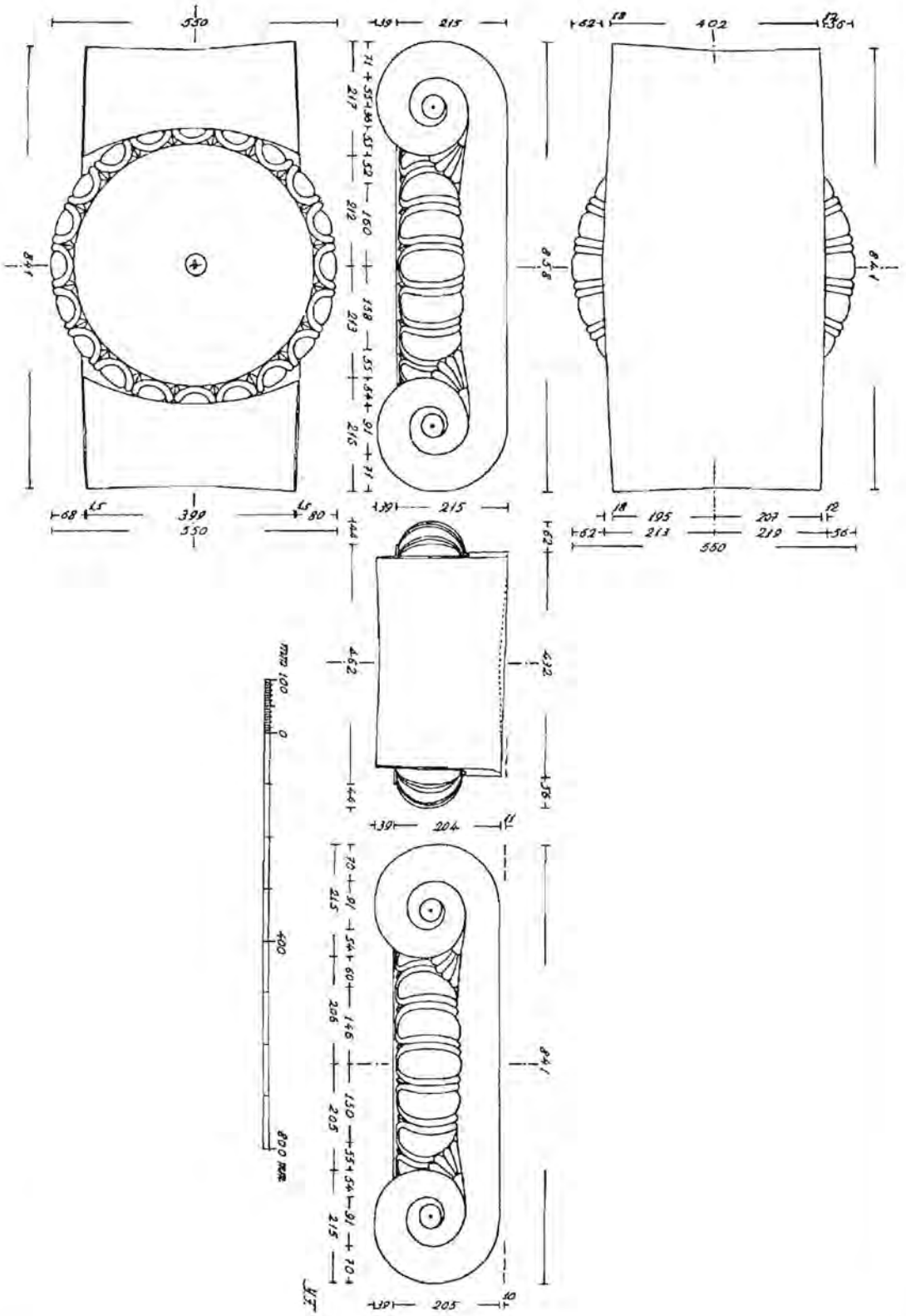
DRAWING REF: Gruben, 1989, Table 19.1-3.

Table 4



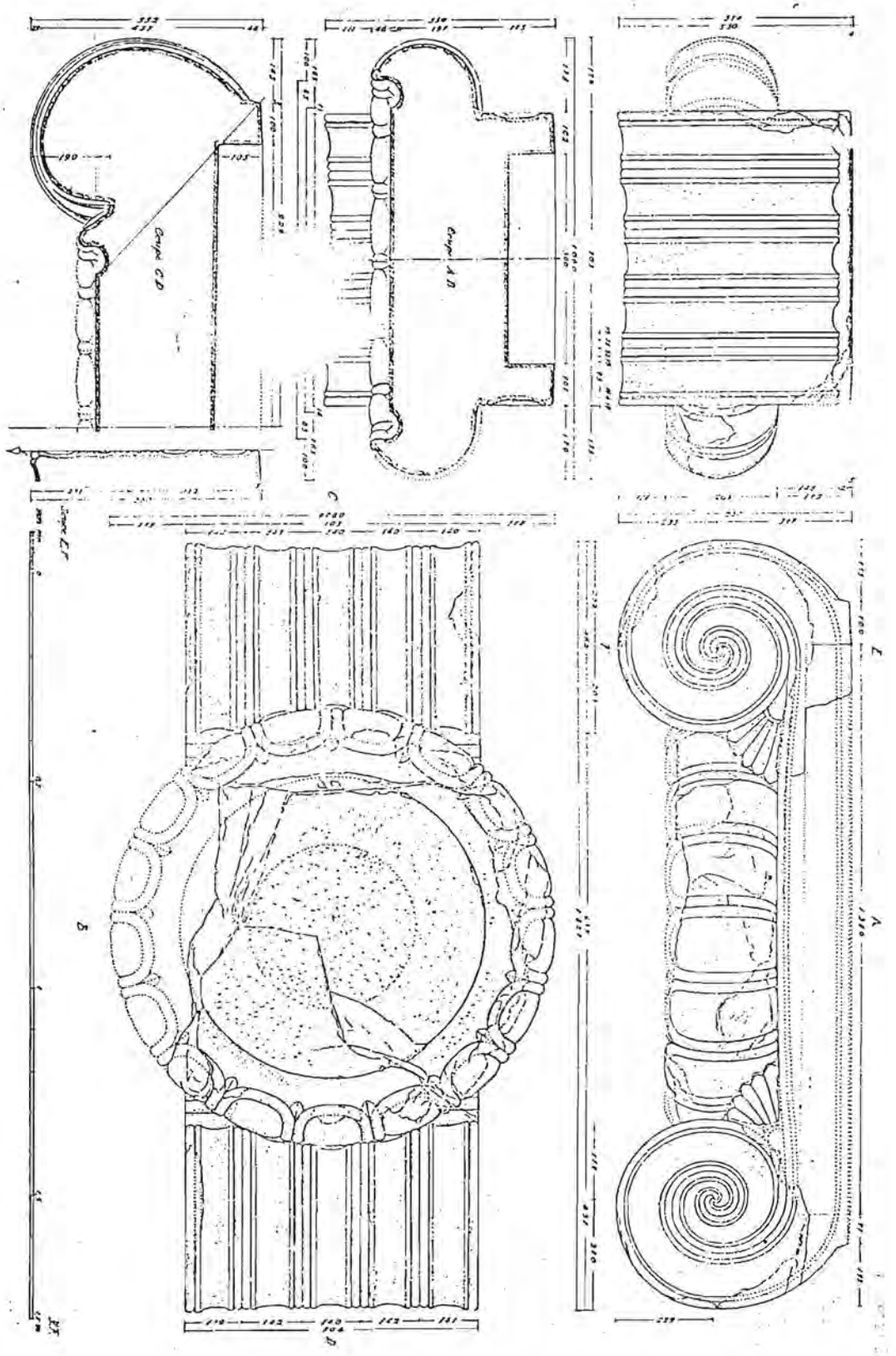
DRAWING REF: Martin, 1973, Fig.13.

Table 5



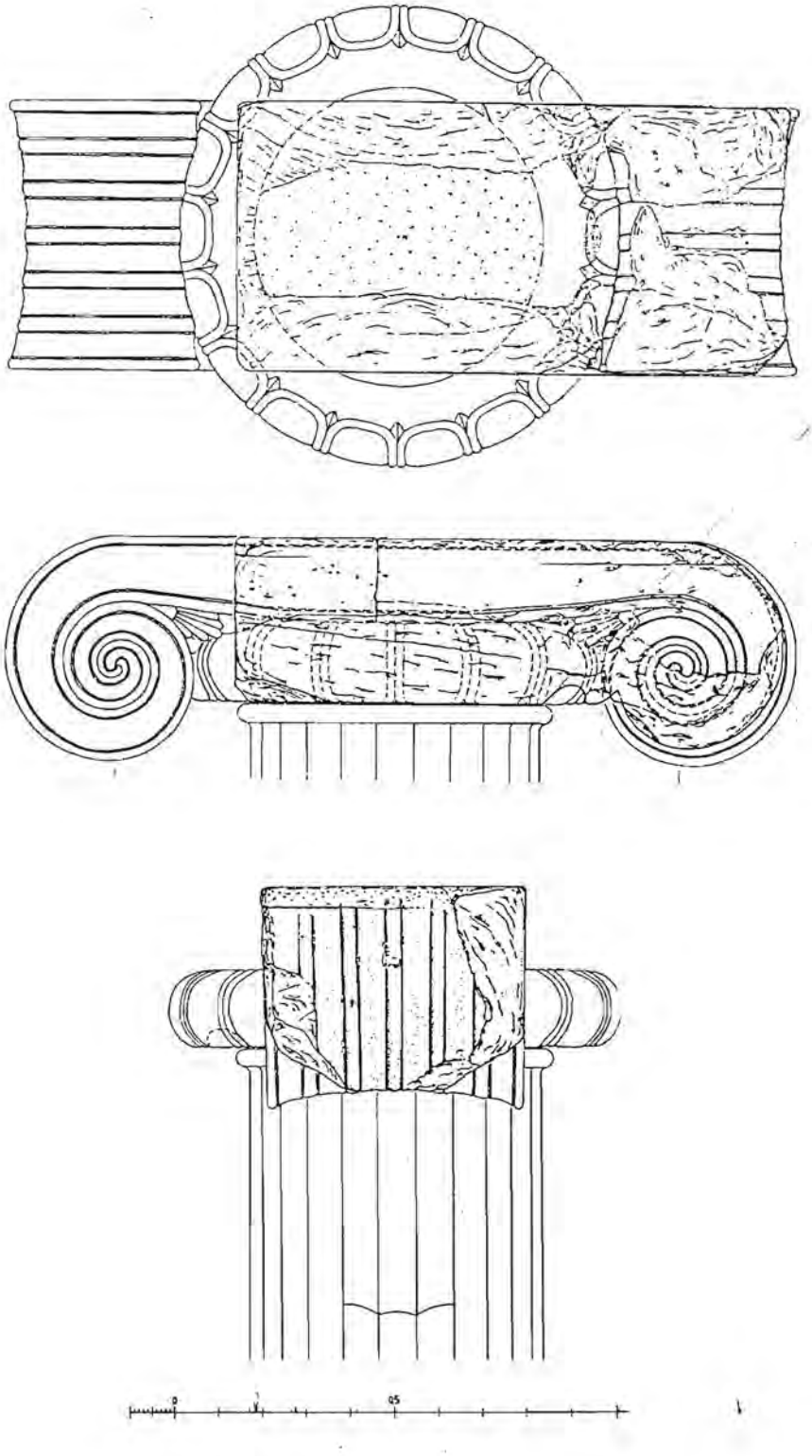
DRAWING REF: Courbin, 1980, Fig.25.

Table 6



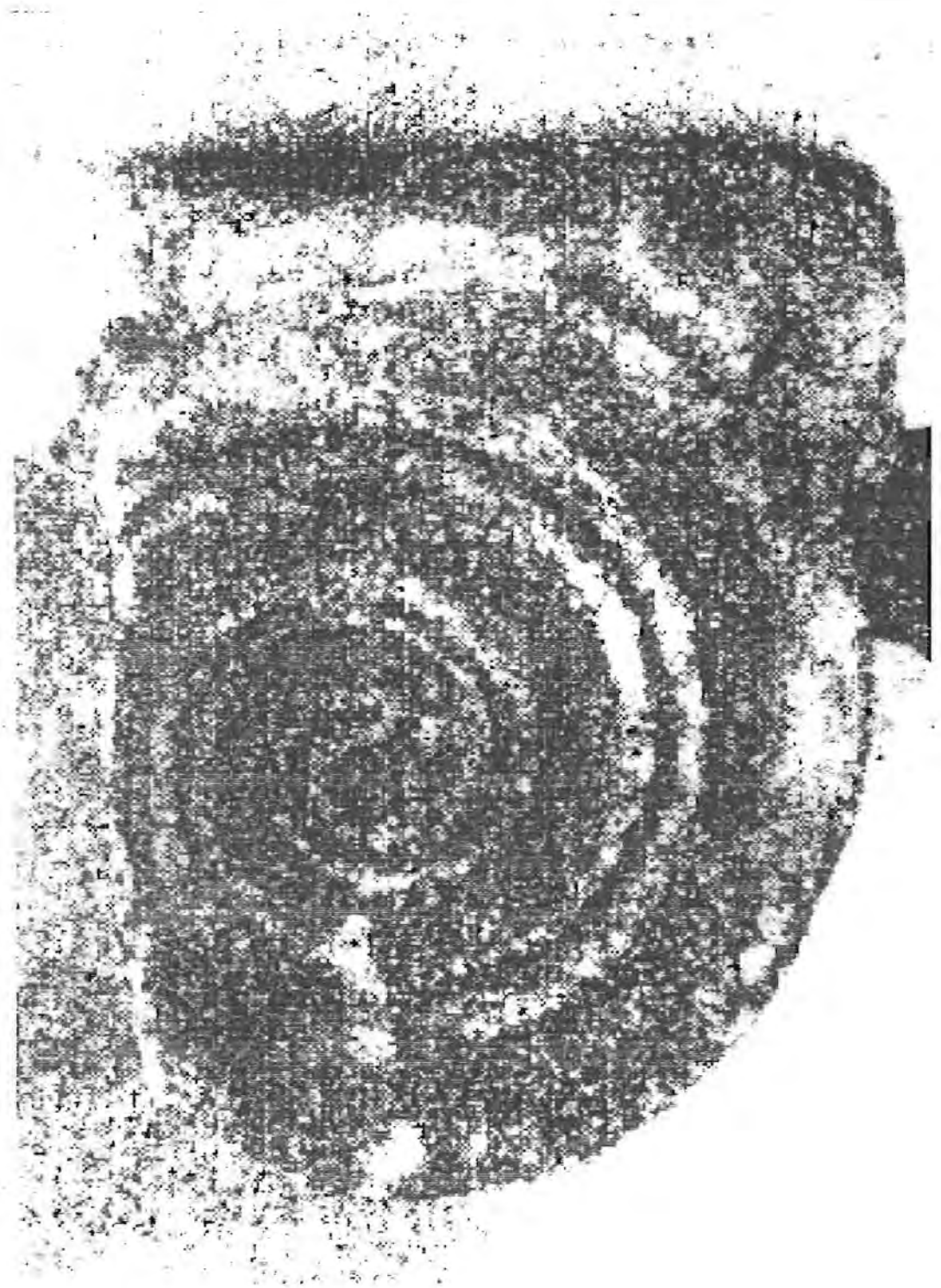
DRAWING REF: Amandry, 1953, Plate 11.

Table 7a



DRAWING REF: Gruben, 1987, Fig.41 [Also see Gruben, 1989, Fig.4 for back elevation].

Table Ion-9



DWG REFERENCE: Kontoleon, 1954, Fig.10.

Table Ion-10

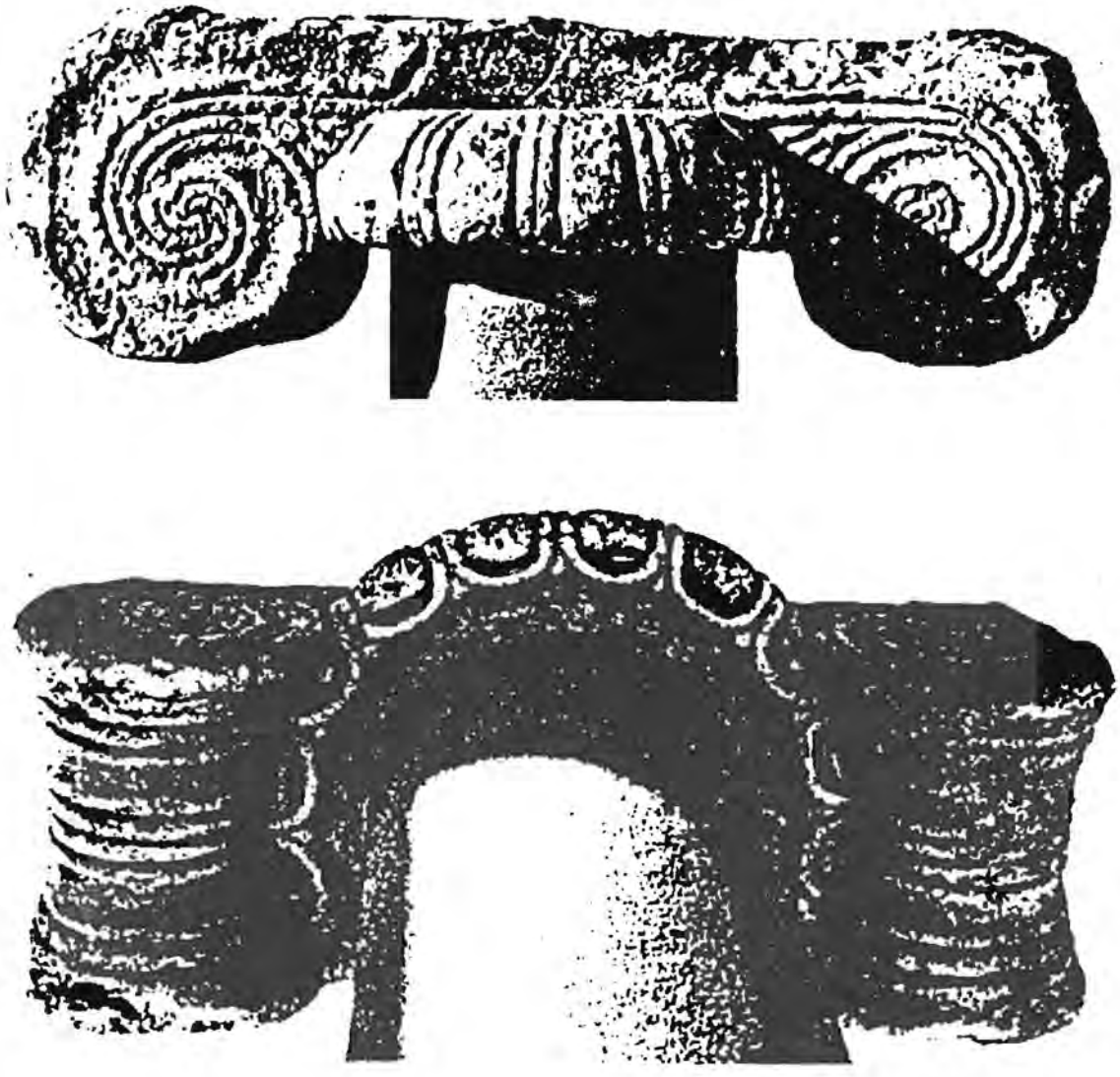
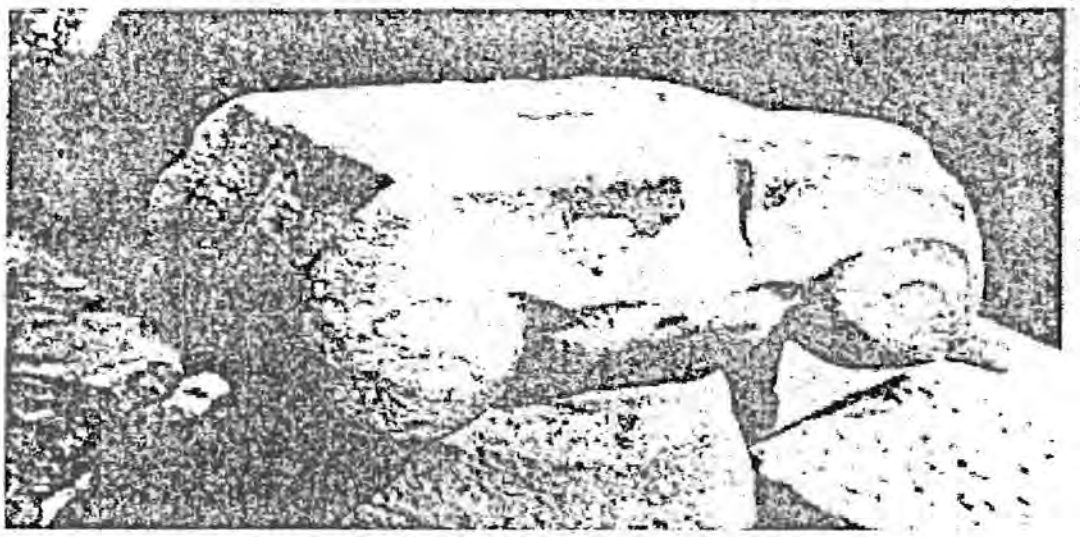
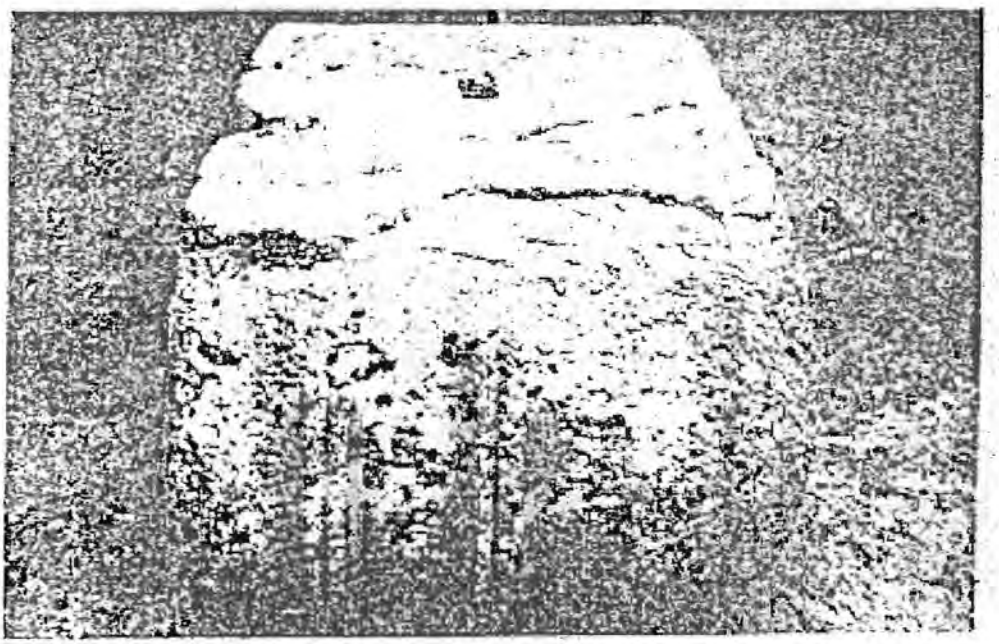


PHOTO REFERENCE: Gruben, 1972, Fig.36a,b.

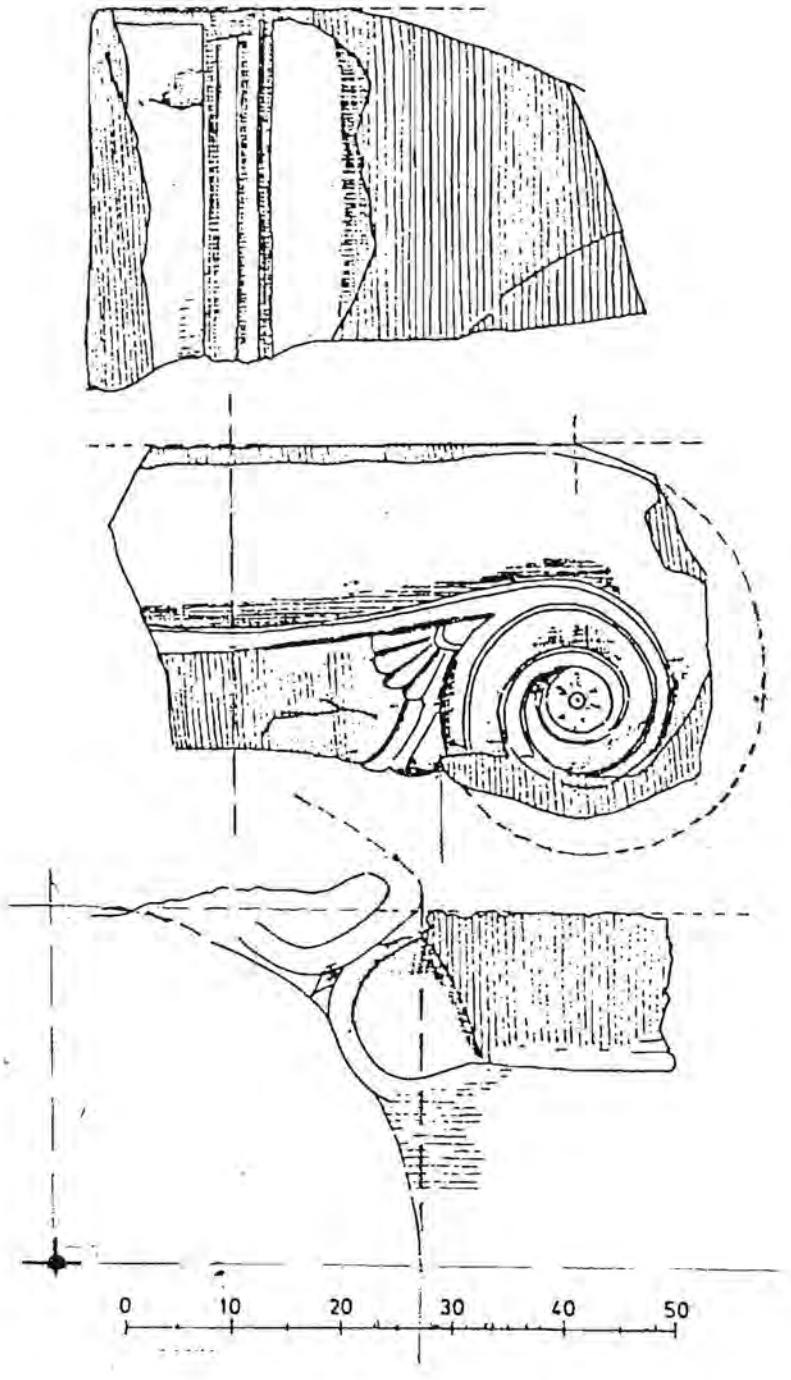
Table Ion-11





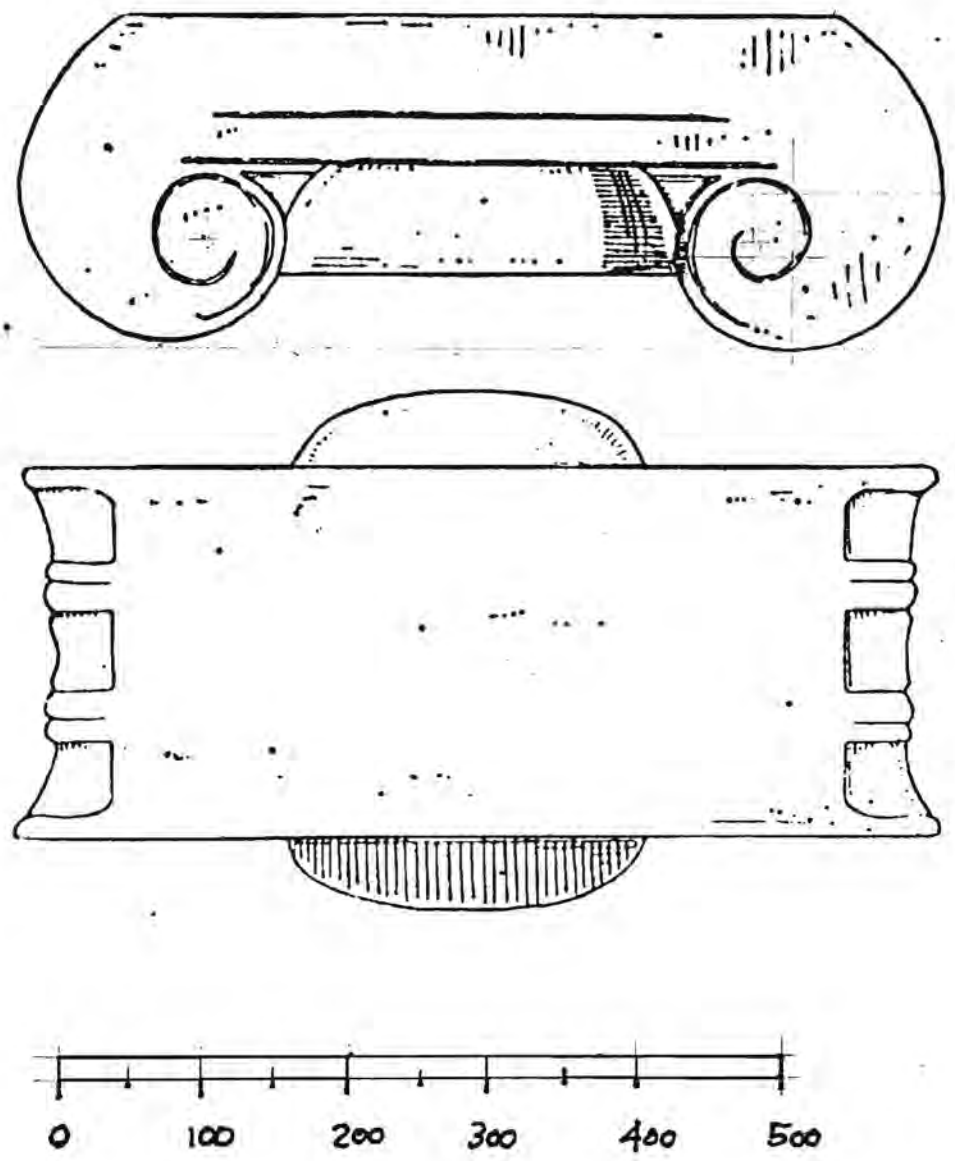
DWG REFERENCE: Hellmann *et al*, 1979, Plates XV.79 and XVI.85.

Table 12



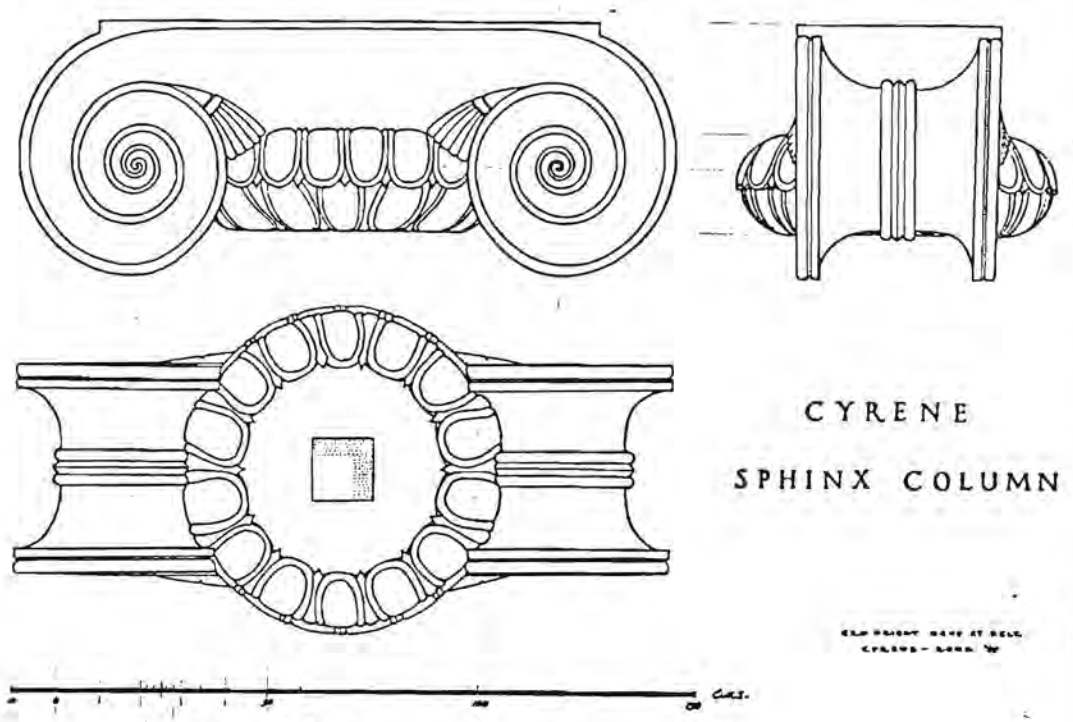
DRAWING REF: Alzinger, 1972/3, Fig.13 [with notes and comments by author].

Table 13

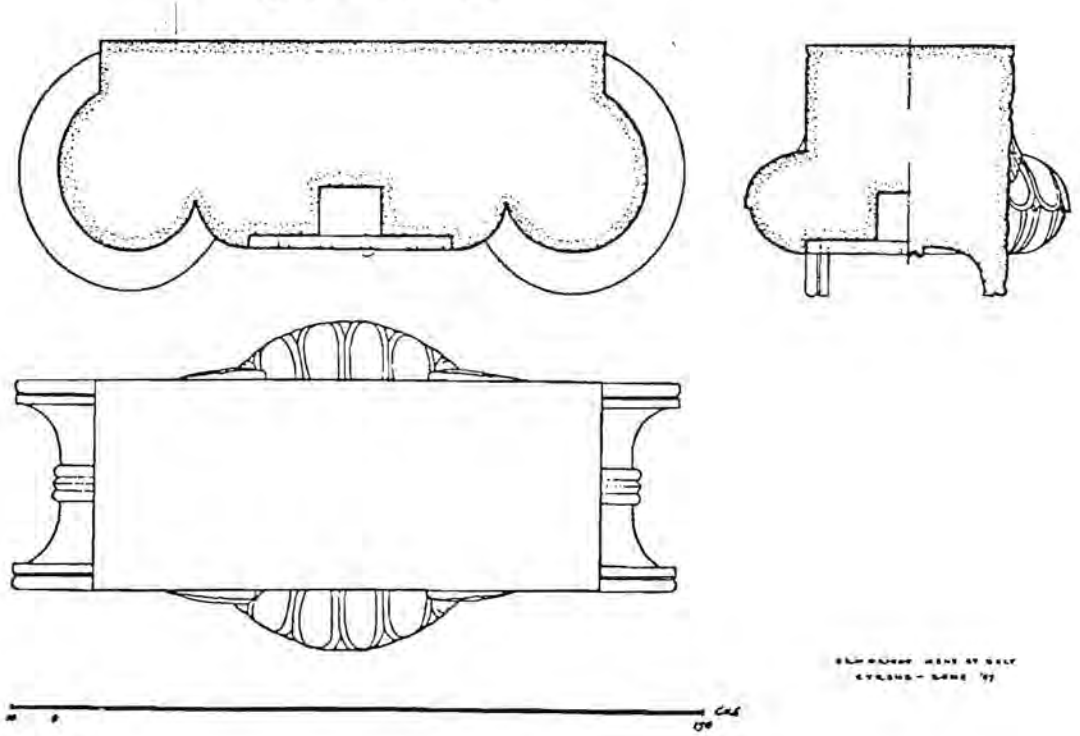


DRAWING REF: Wiegand. 1904, Fig.1 [with notation and scale by the author].

Table 14



Ill. 1
Drawings by G. R. H. Wright



DRAWING REF: White, 1971, Fig.2.

Table Ion-15

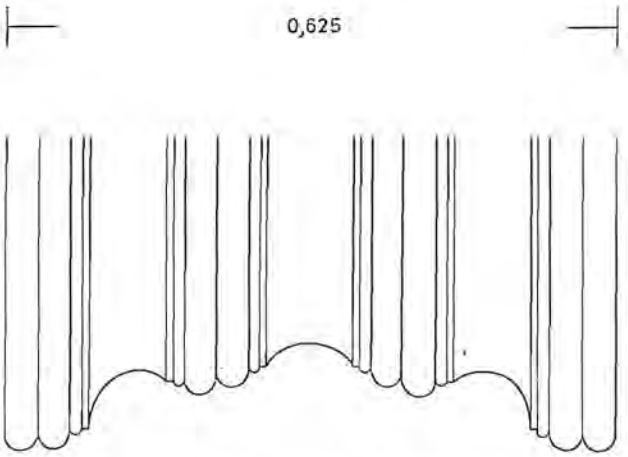
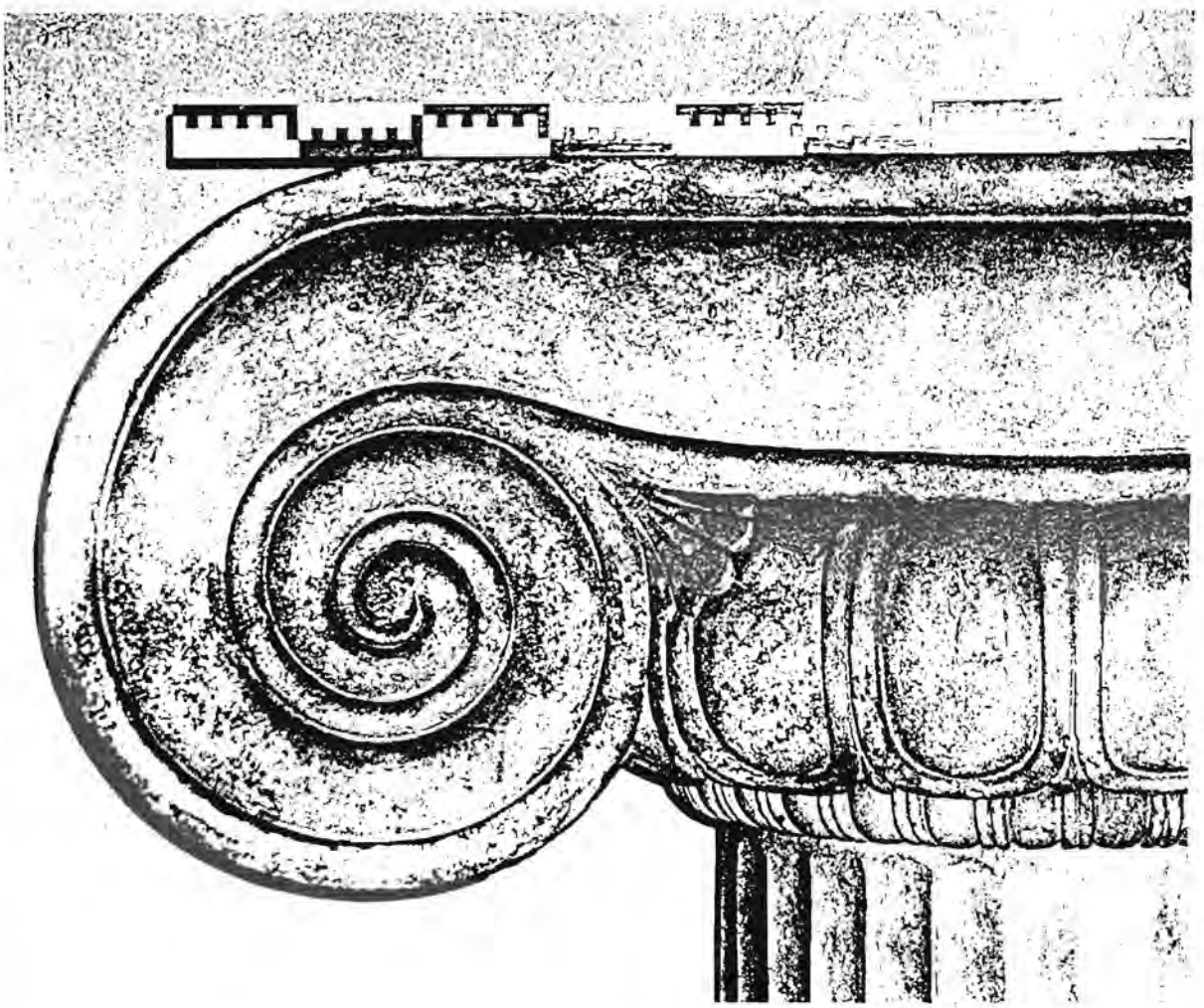
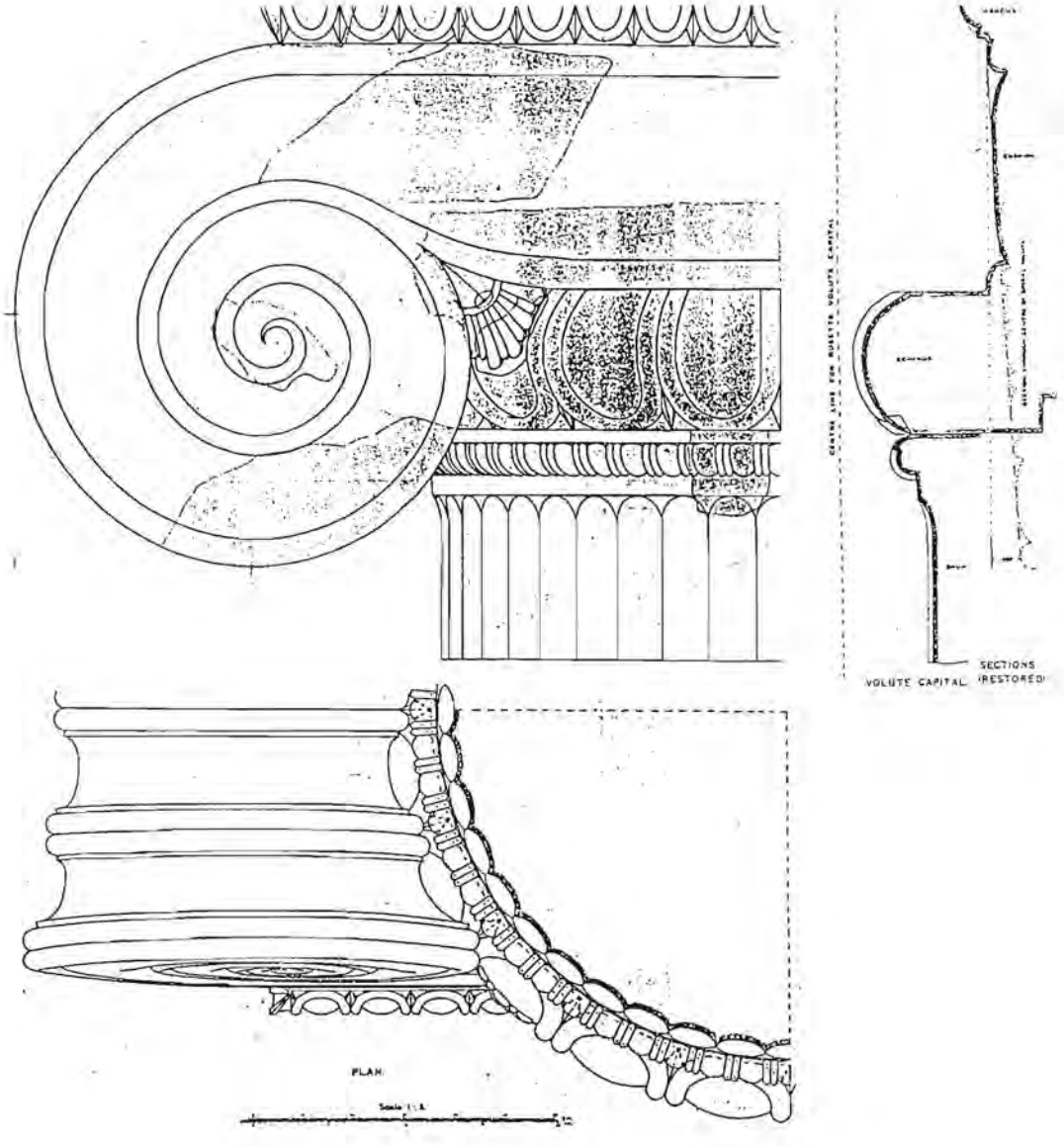


Abb. 5. Kapitell, Polster. Rekonstruktion



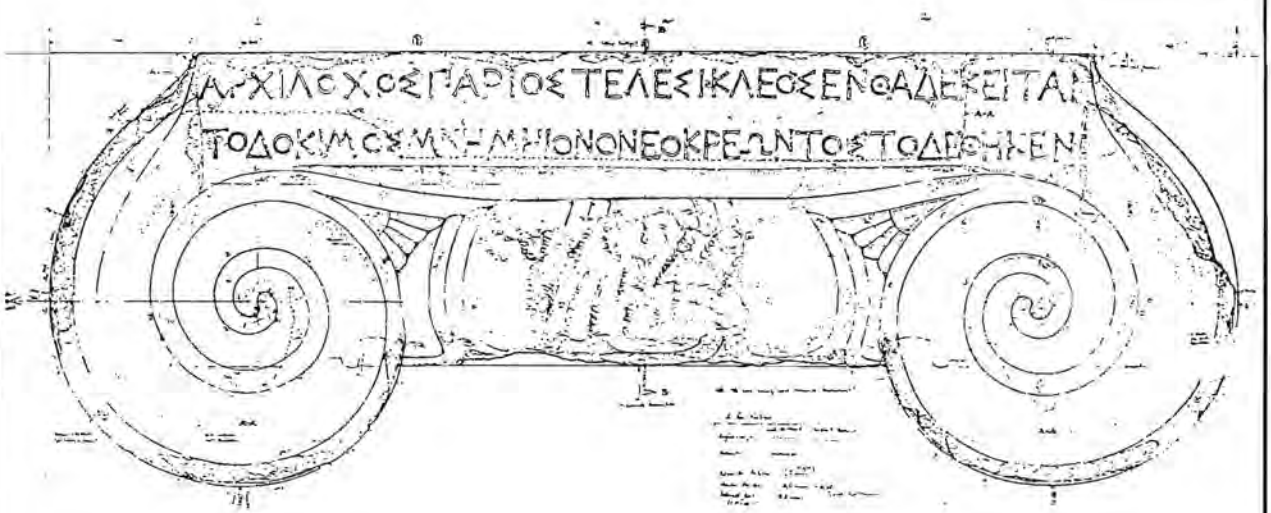
DWG/PHOTO REFERENCE: Top: Weber, 1967, Fig.5; Bottom: Author's own photograph.

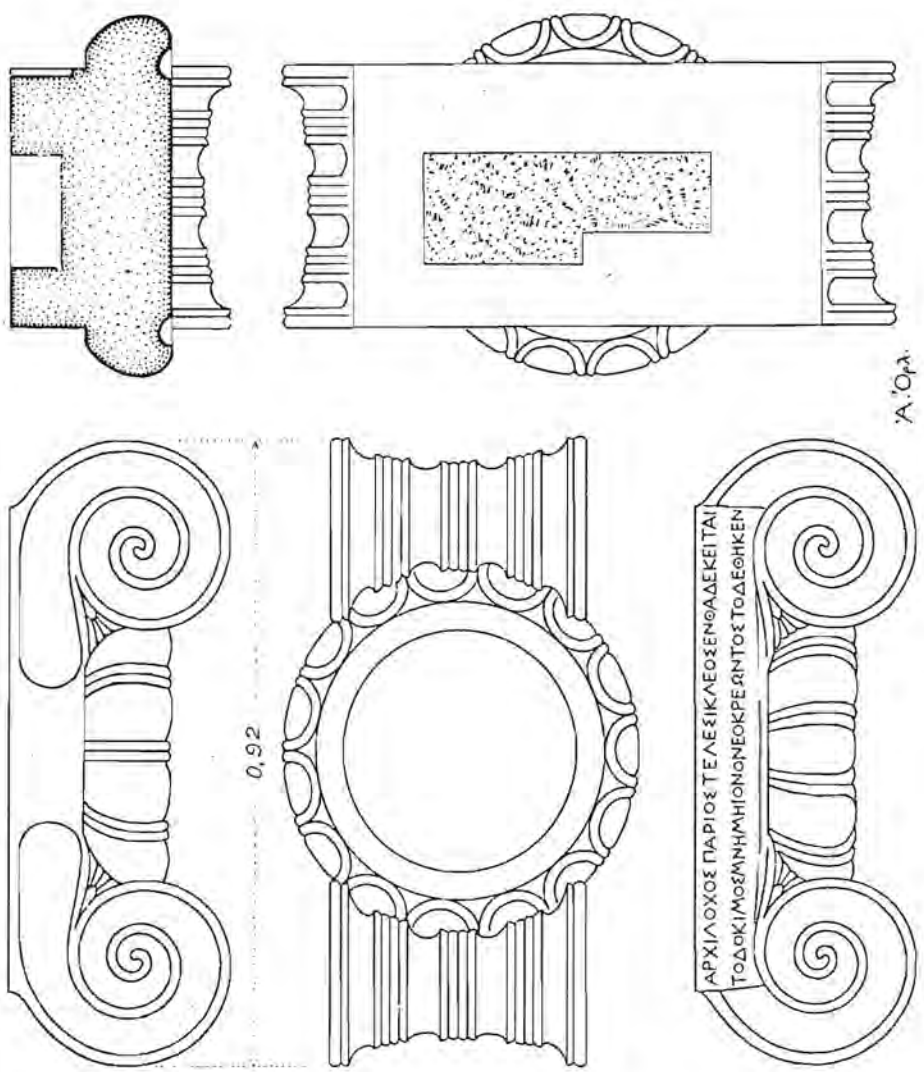
Table 16a



DRAWING REF: Hogarth, Plate 6 and section collage.

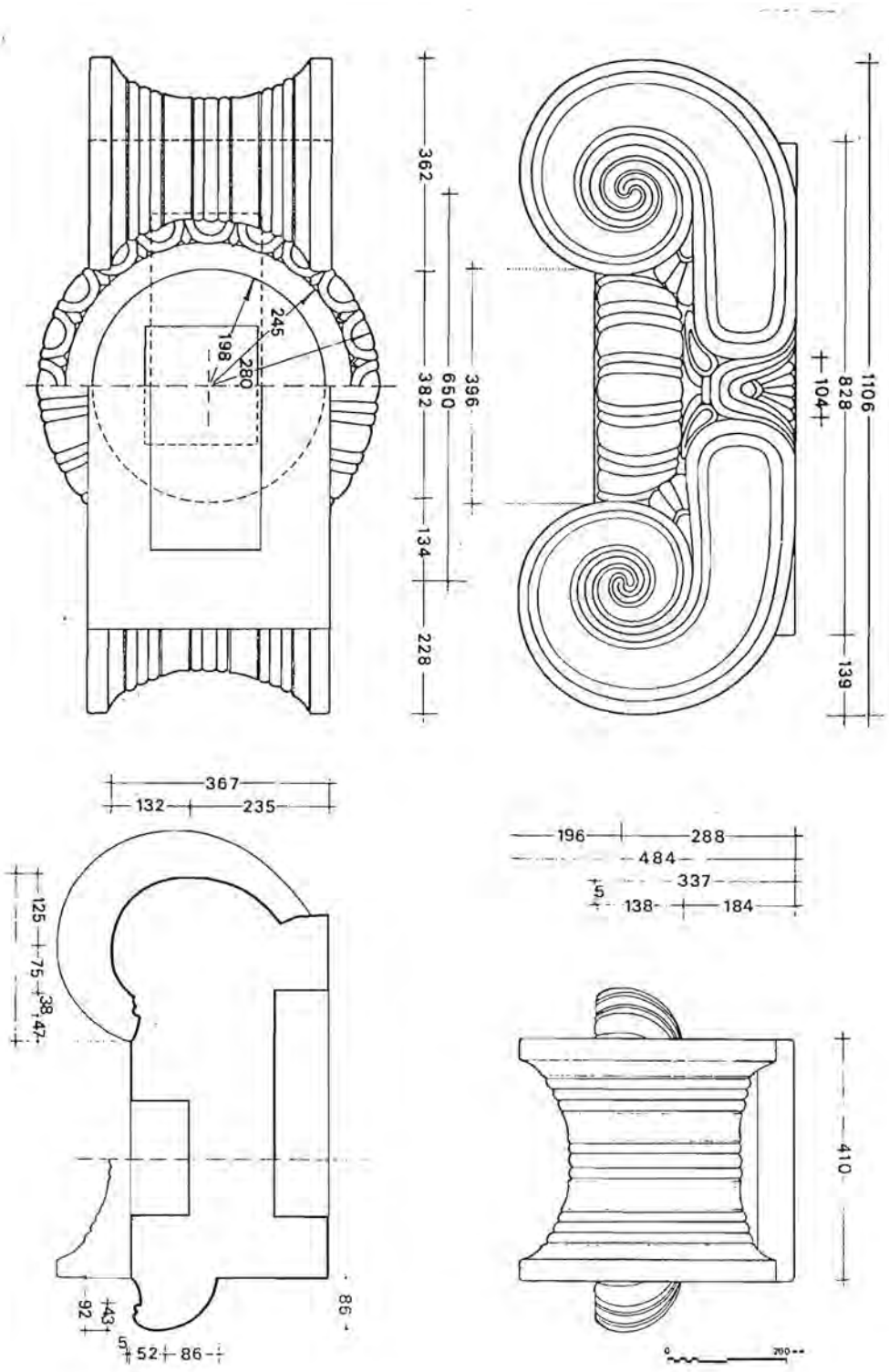
Table Ion-17





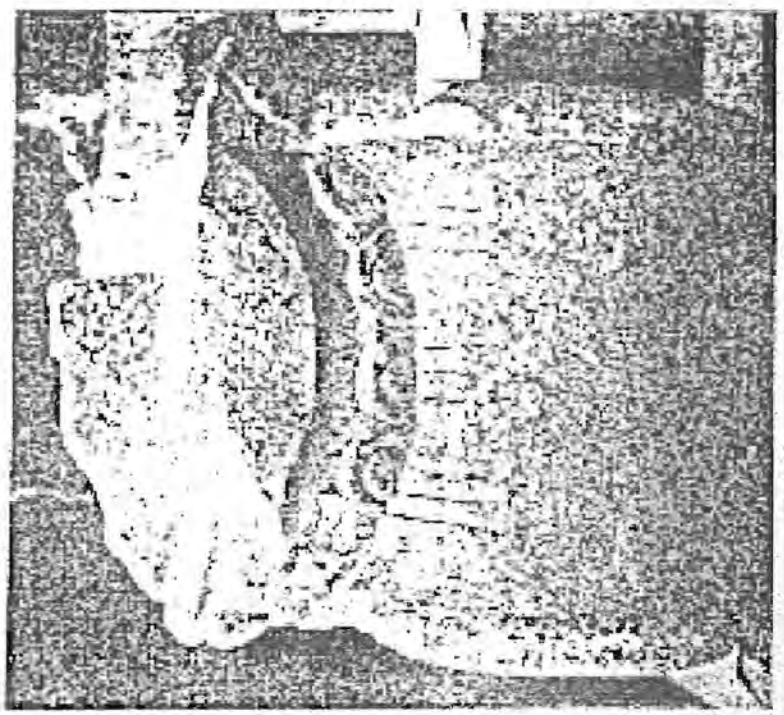
DWG REFERENCE: Top: Haselberger, 1986, p.213; Left: Orlandos, 1964, Fig.9; Right: Orlandos, 1966, Table A.

Table 18



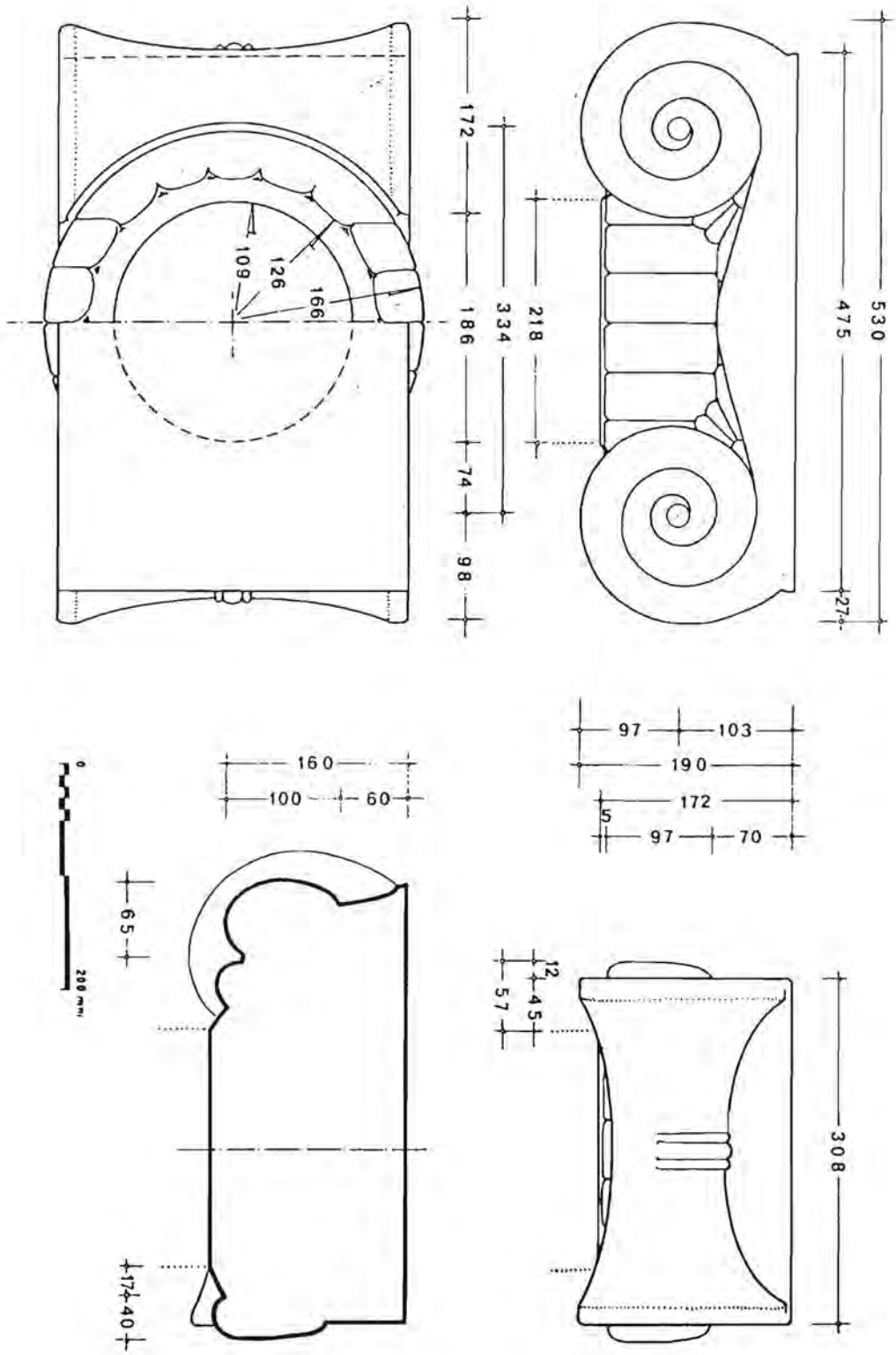
DRAWING REF: Martin, 1973, Fig.17.

Table Ion-19



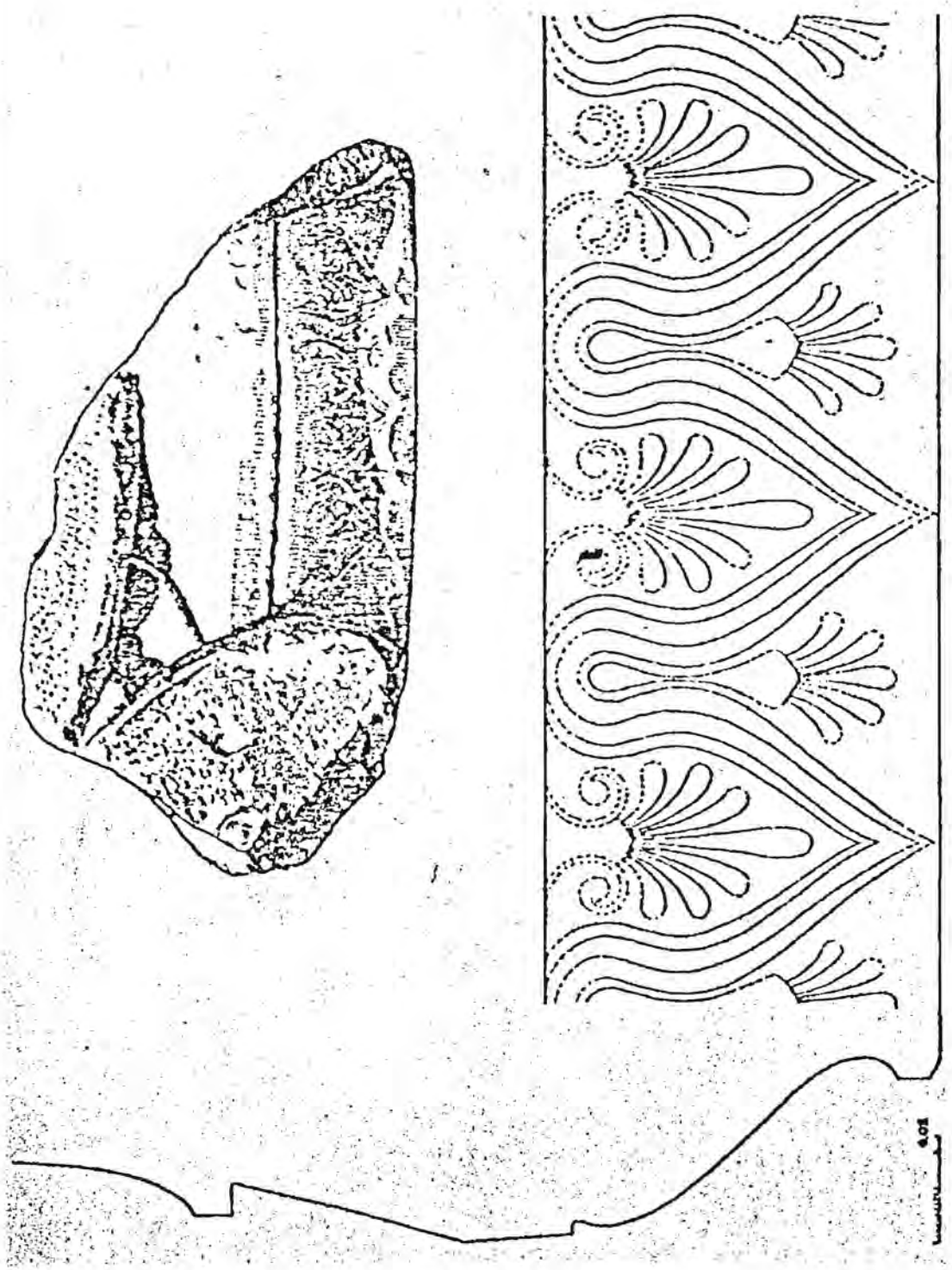
DWG REFERENCE: Amandry, 1953, Plate XVI No.4-5

Table 20



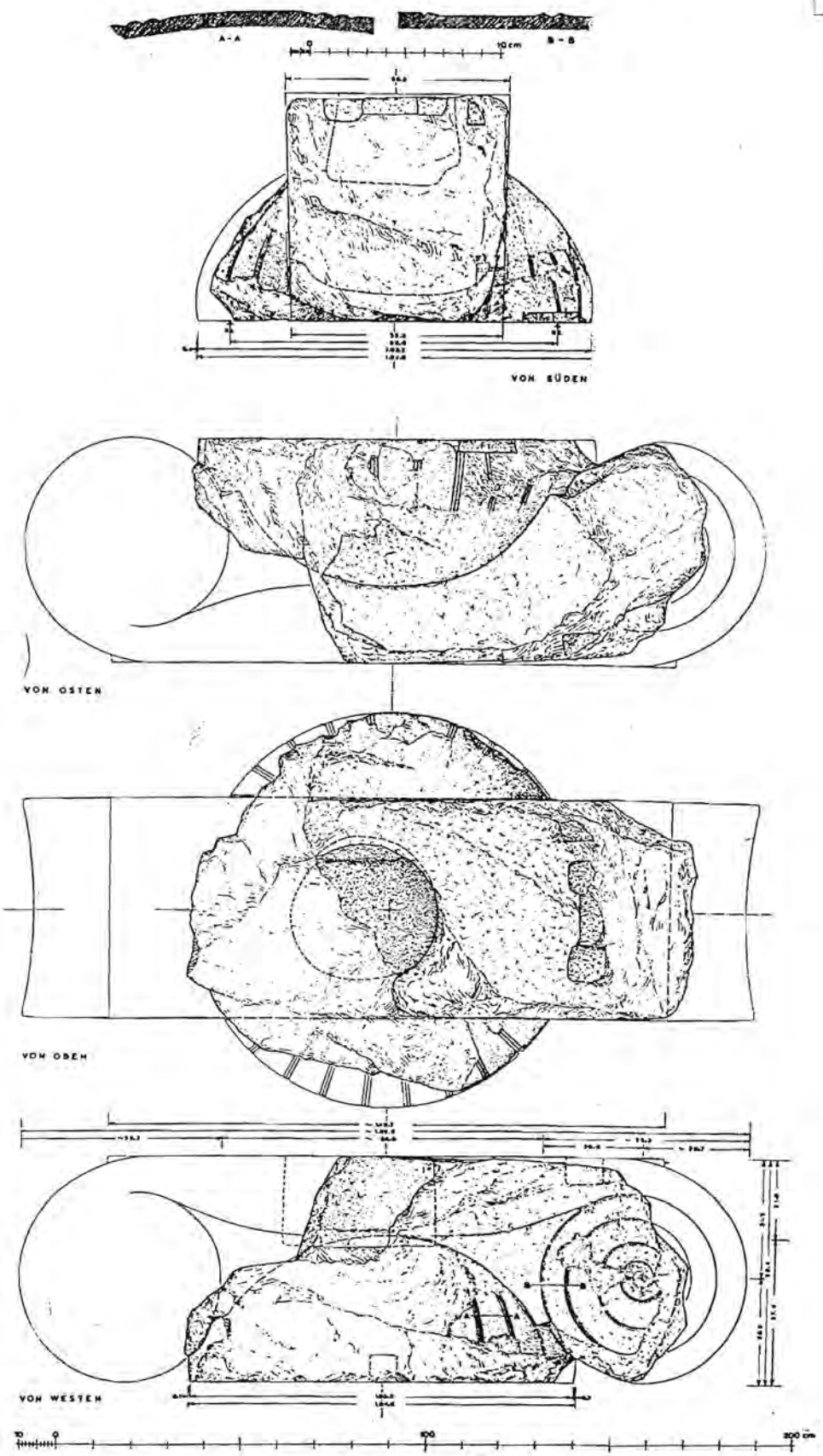
DRAWING REF: Martin, 1973, Fig.11.

Table 21



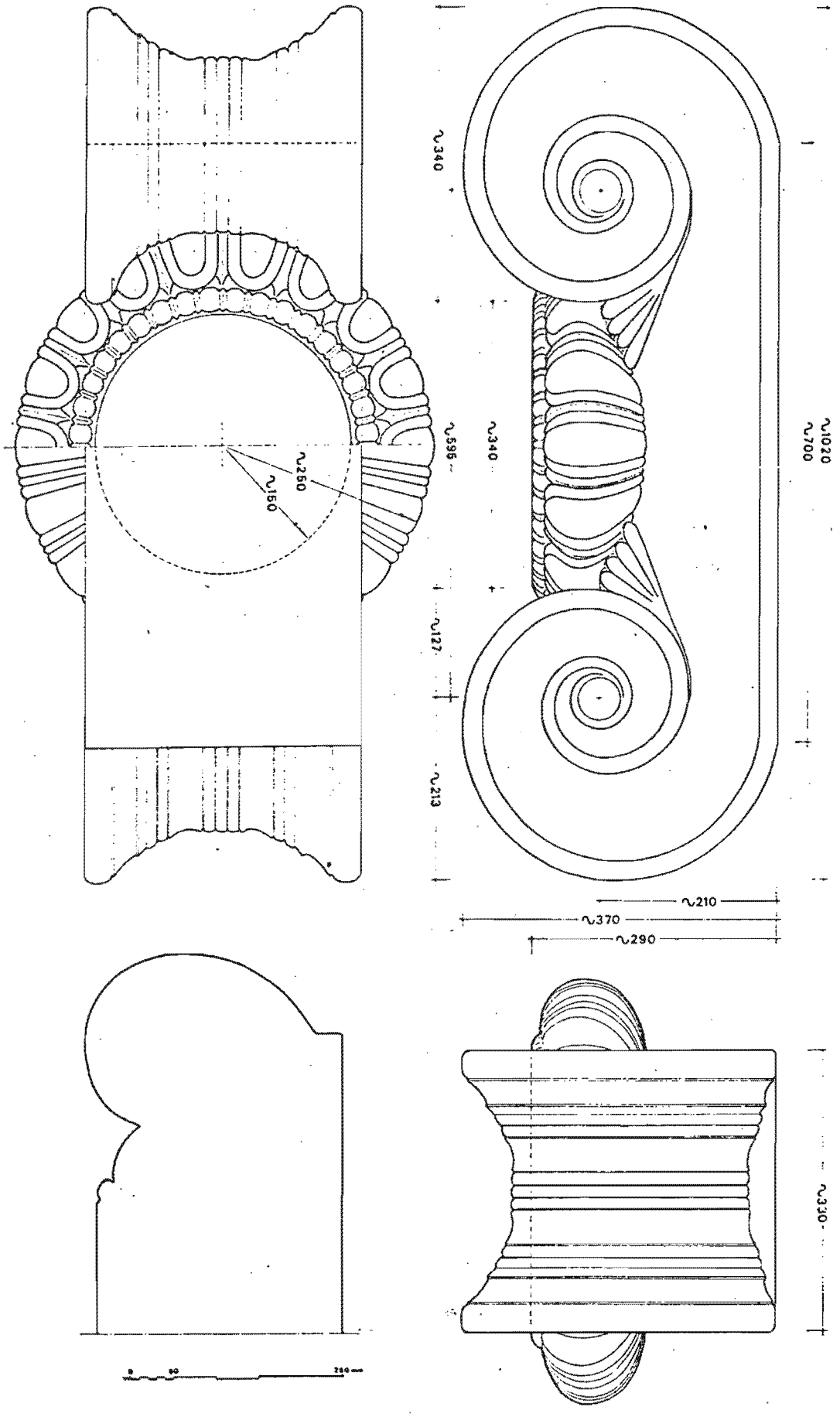
DRAWING REF: Puchstein, 1887, Fig.2.

Table 22



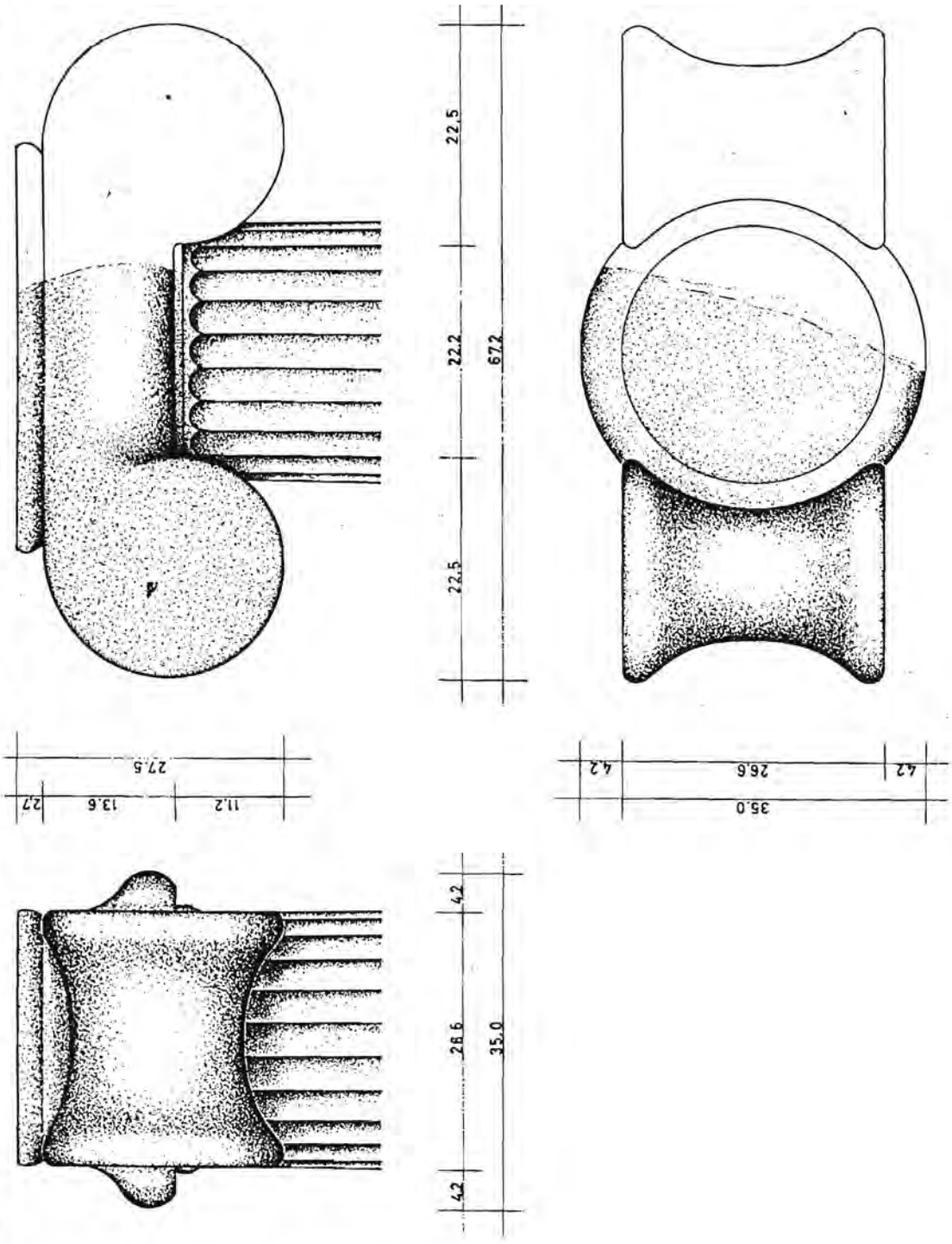
DRAWING REF: Gruben, 1965, Plate 2.

Table .23



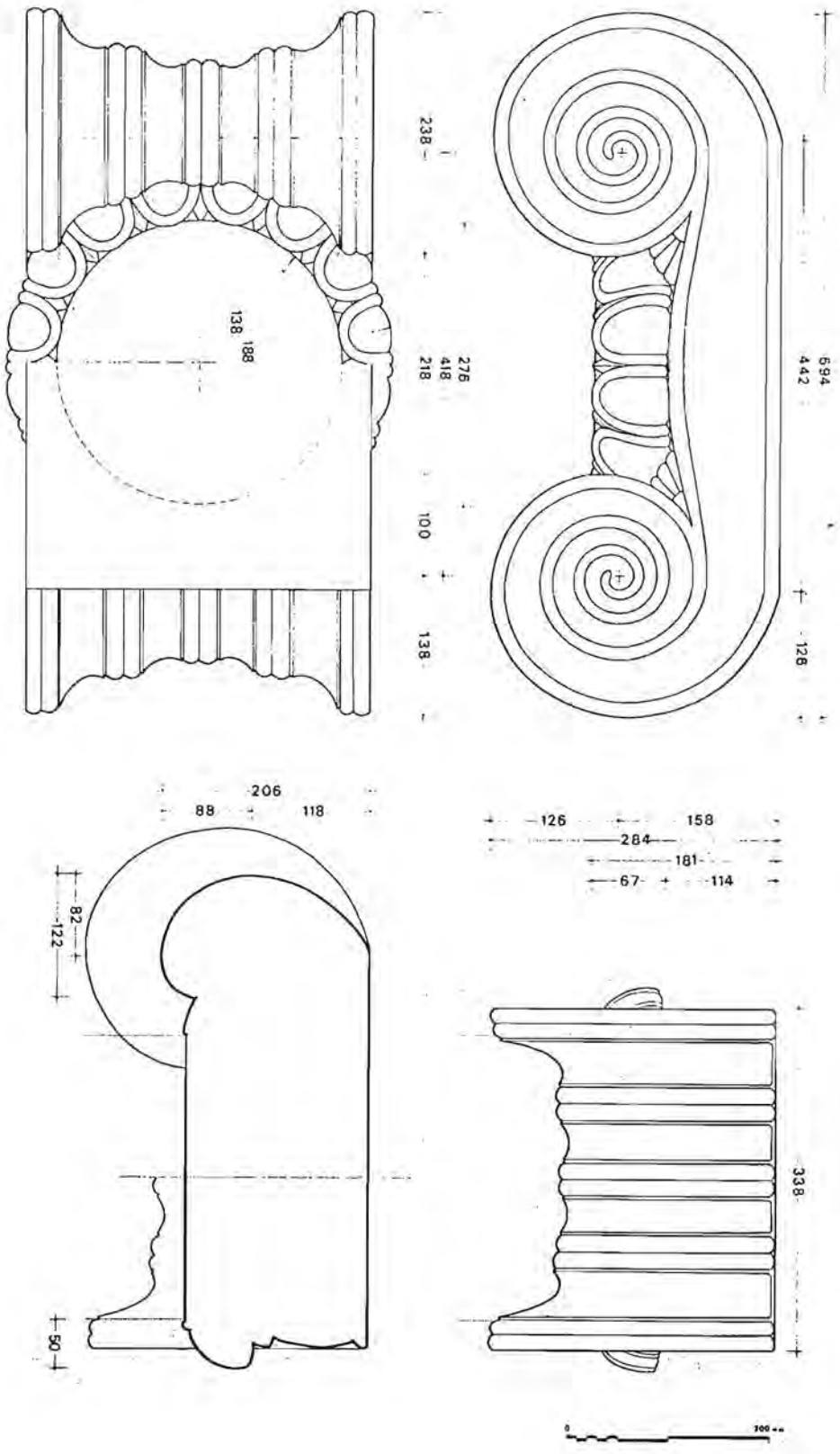
DRAWING REF: Martin, 1972, Fig.2.

Table Ion-24



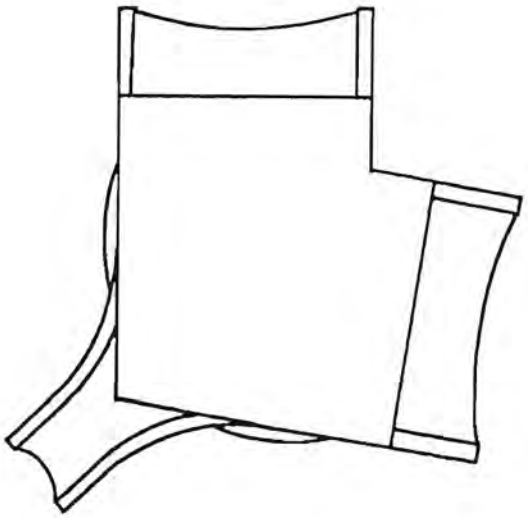
DWG REFERENCE: Ohnesorg, 1996, Fig.1 [Drawing by Kaster].

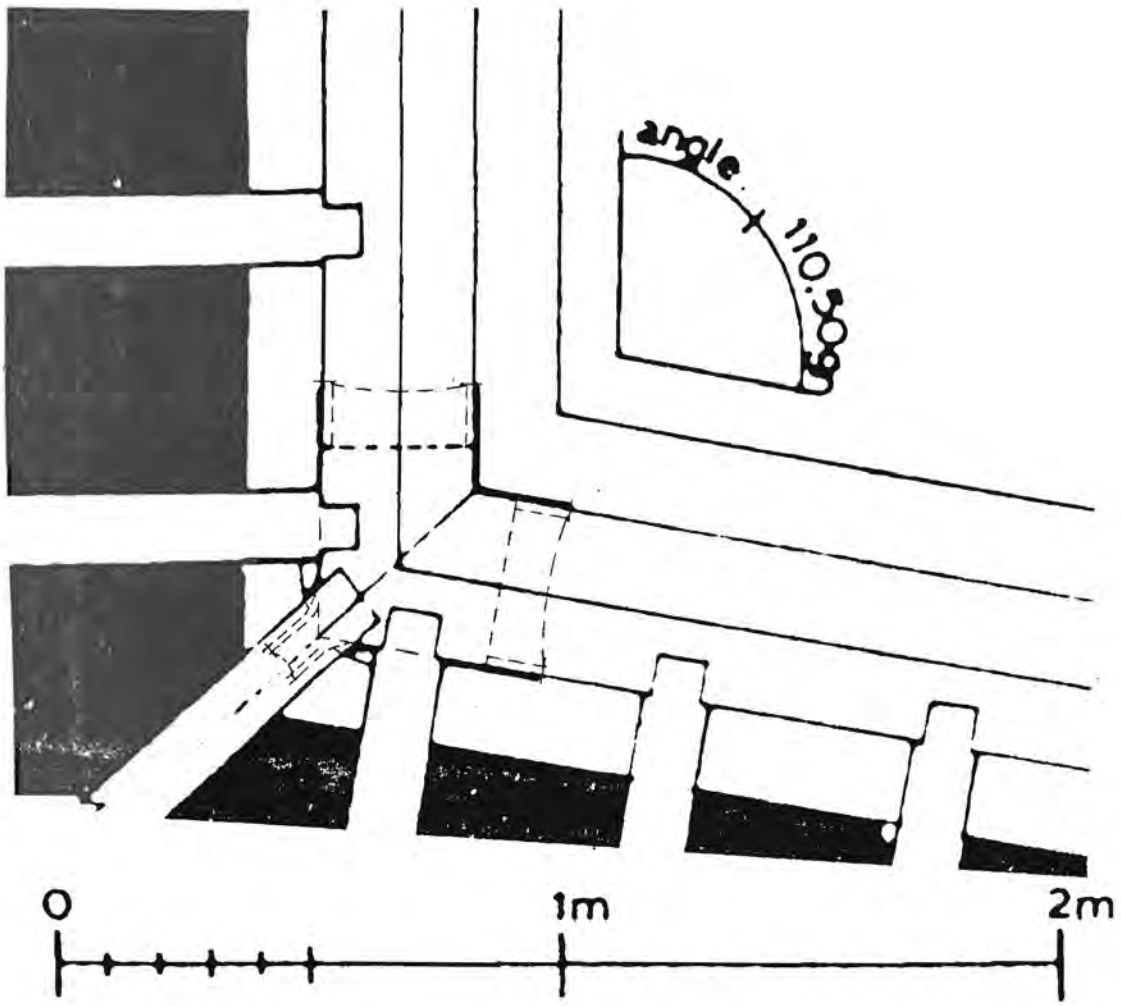
Table 25a



DRAWING REF: Martin, 1973, Fig.20.

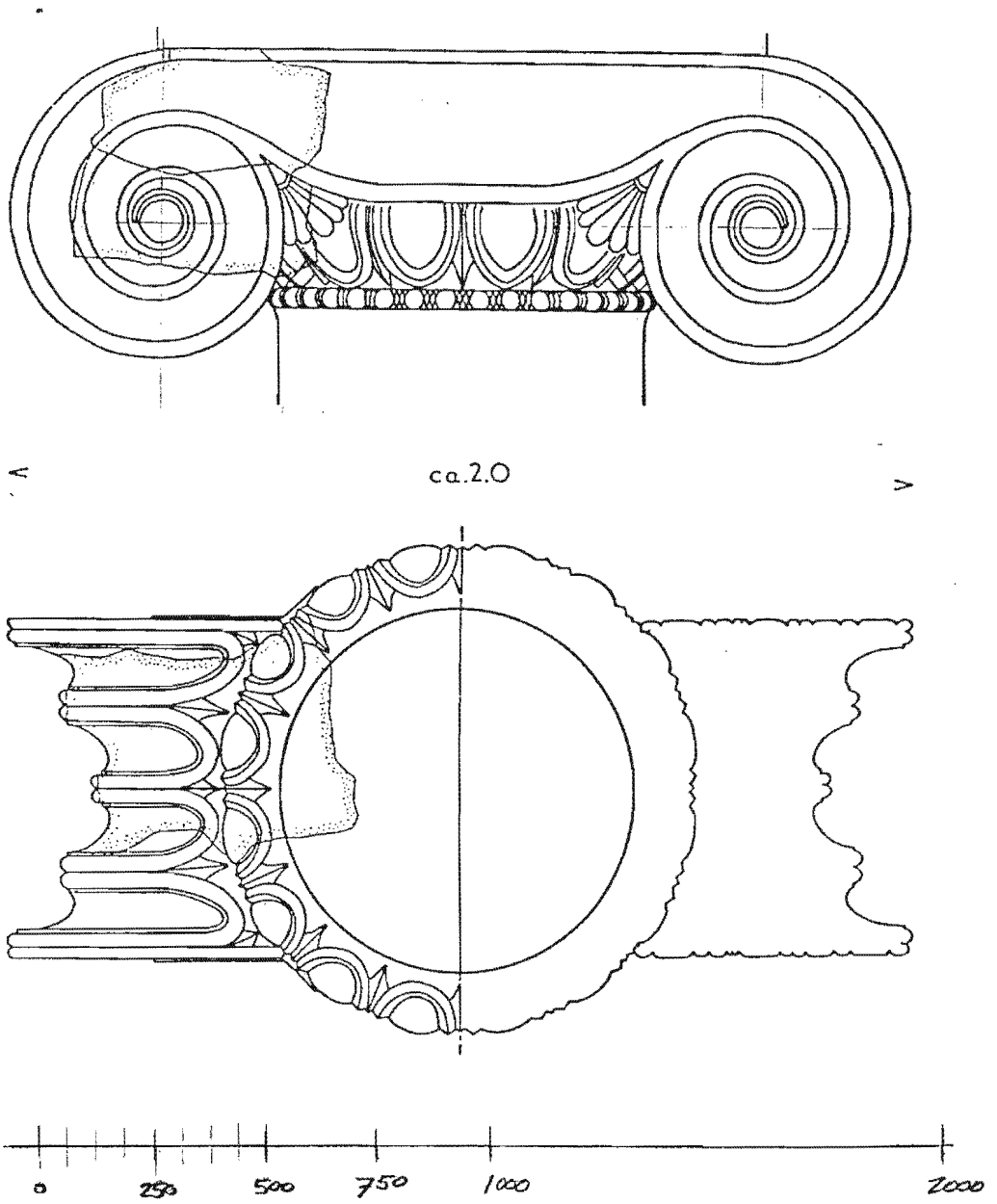
Table Ion-25g



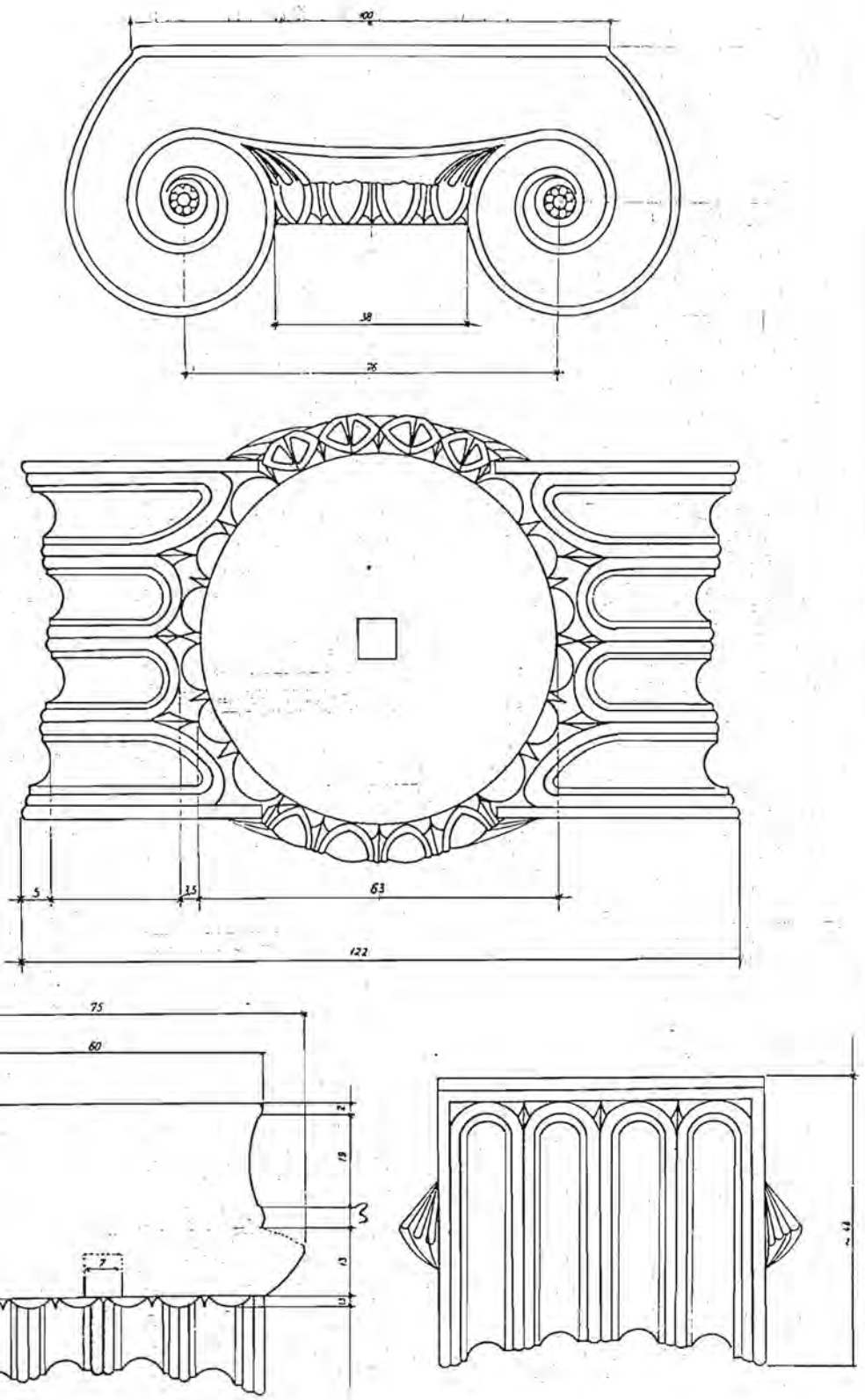


DWG REFERENCE: Hellmann *et al*, 1979, Fig.39, Plate 20.

Table 26

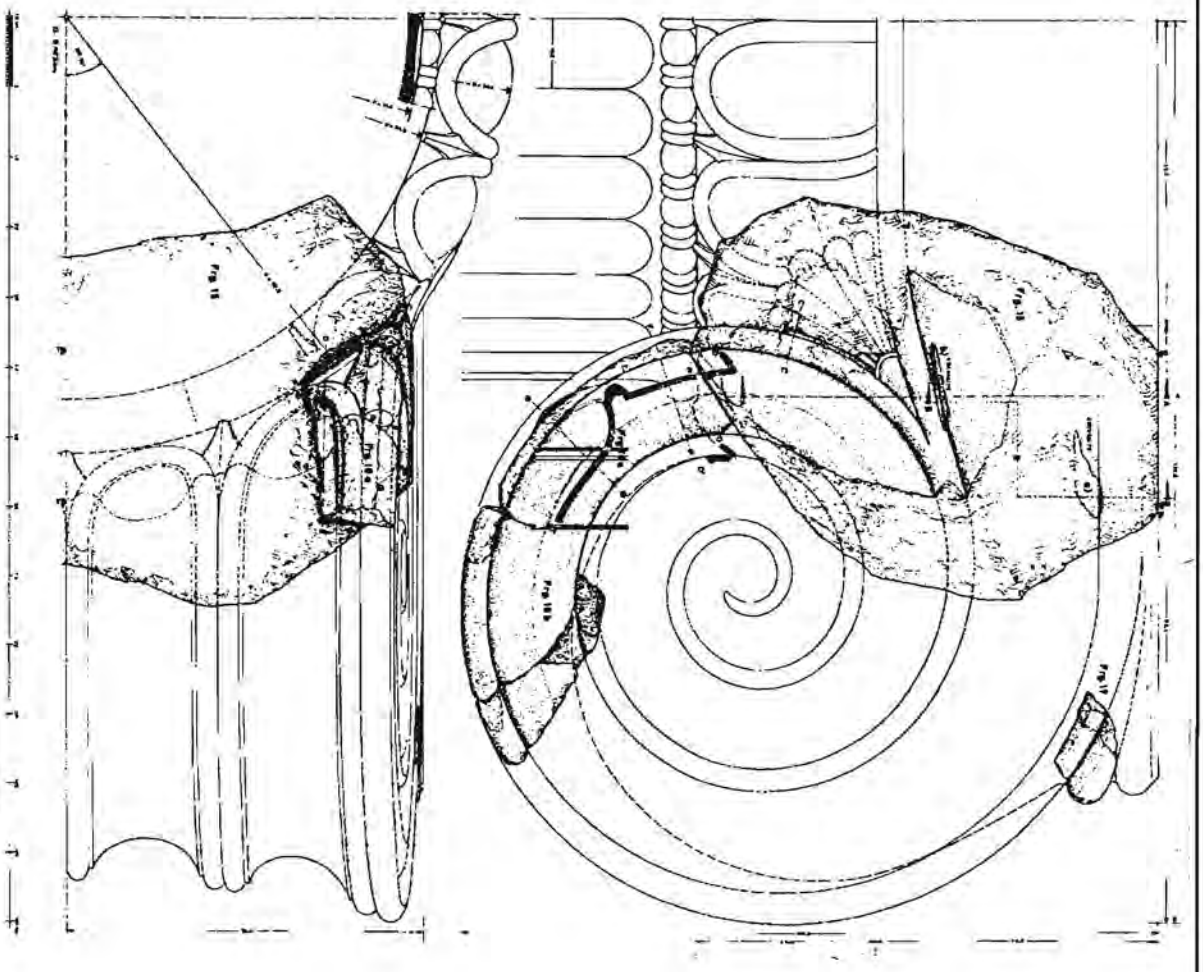


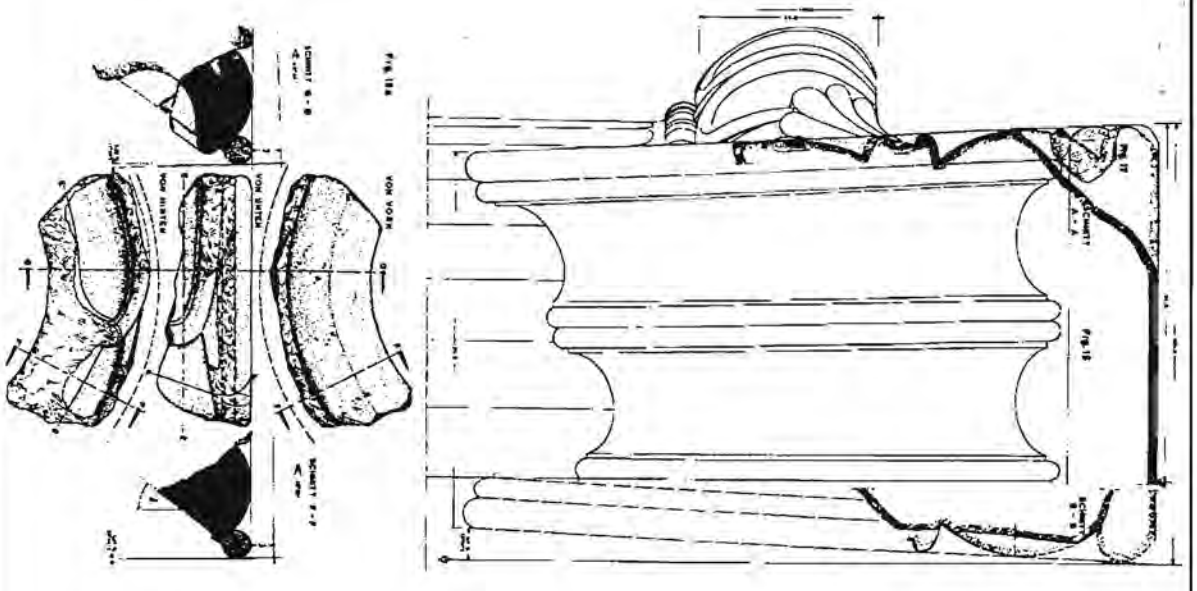
DRAWING REF: Boardman, 1959, Fig.4.



DRAWING REF: Mikocki, 1986, Fig.1.

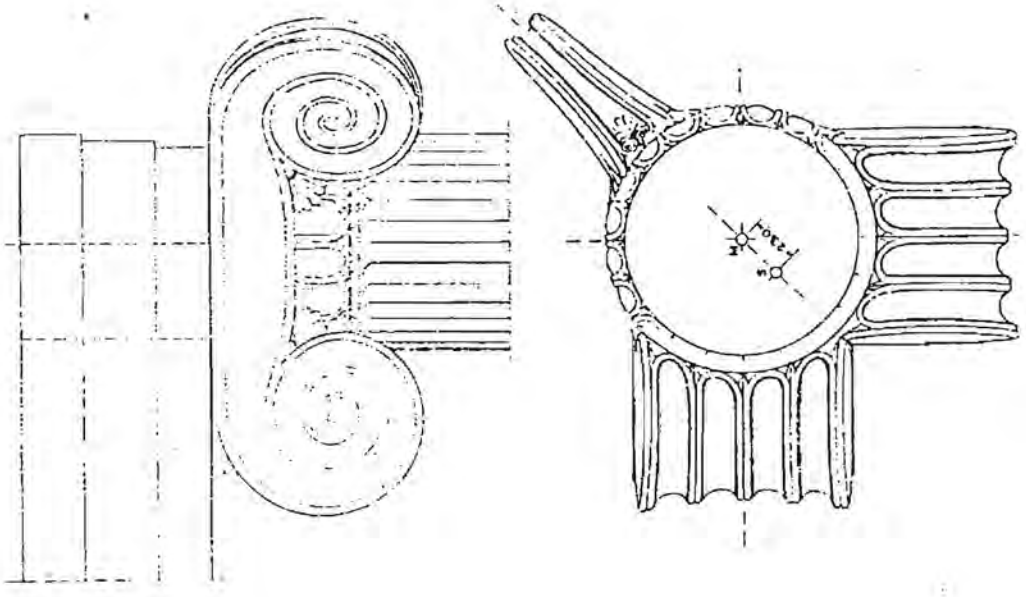
Table 28a-

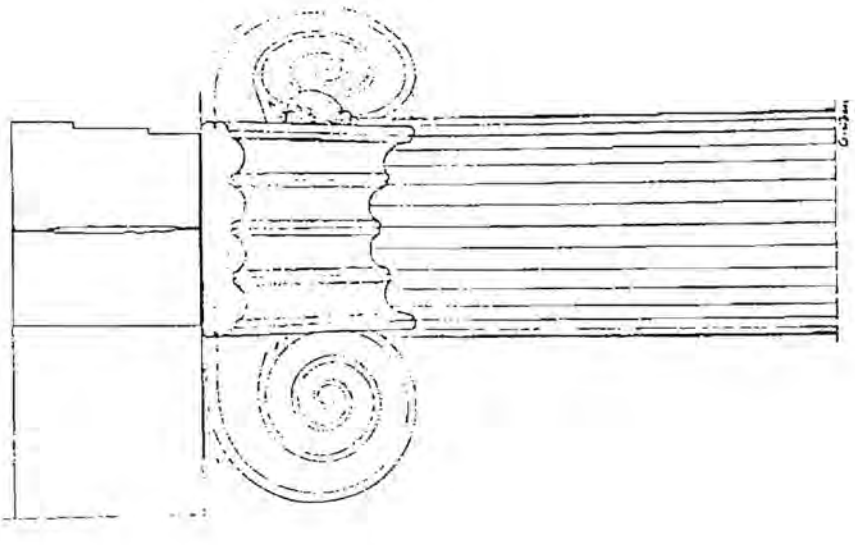




DRAWING REF: Gruben, 1963, Fig.16.

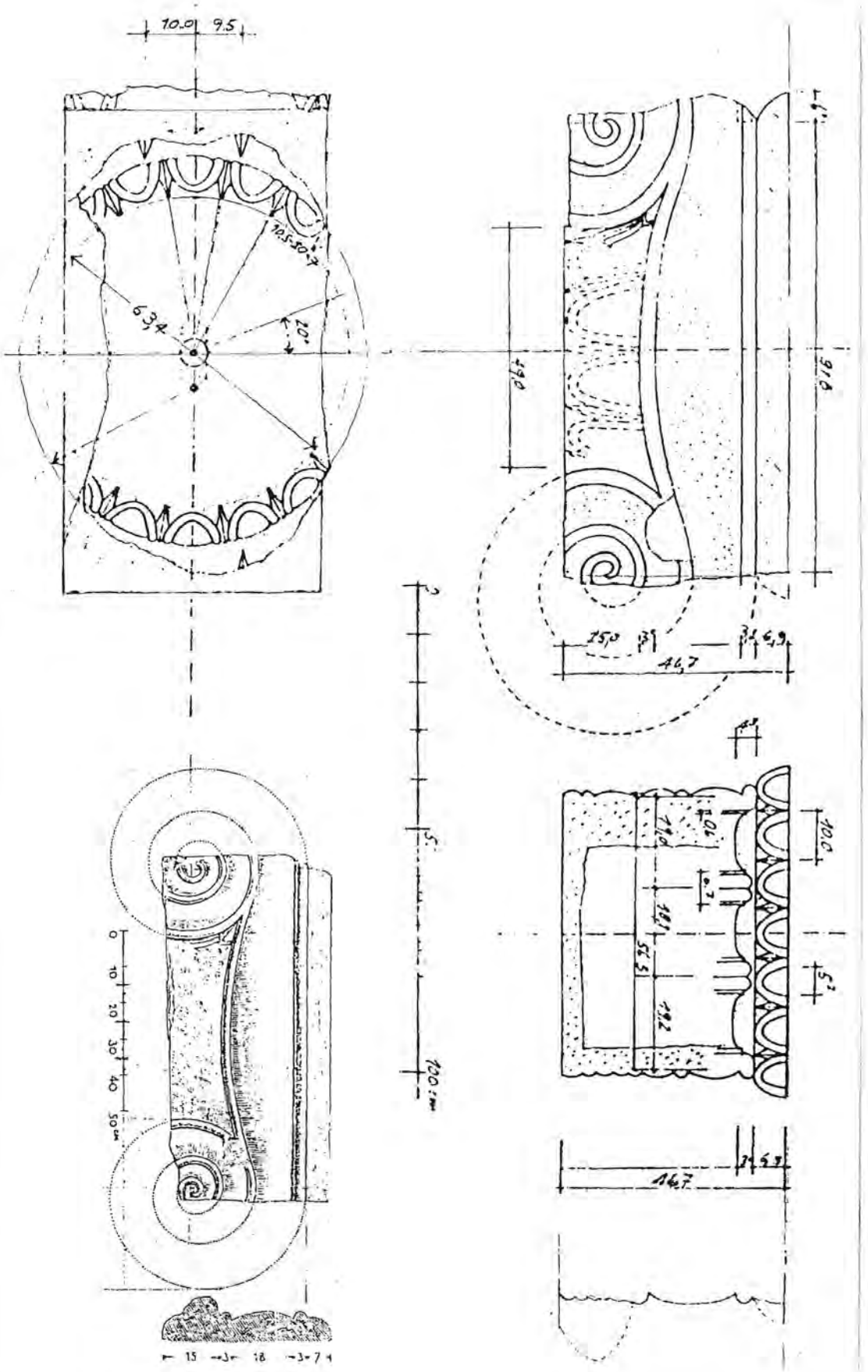
Table Ion-28b





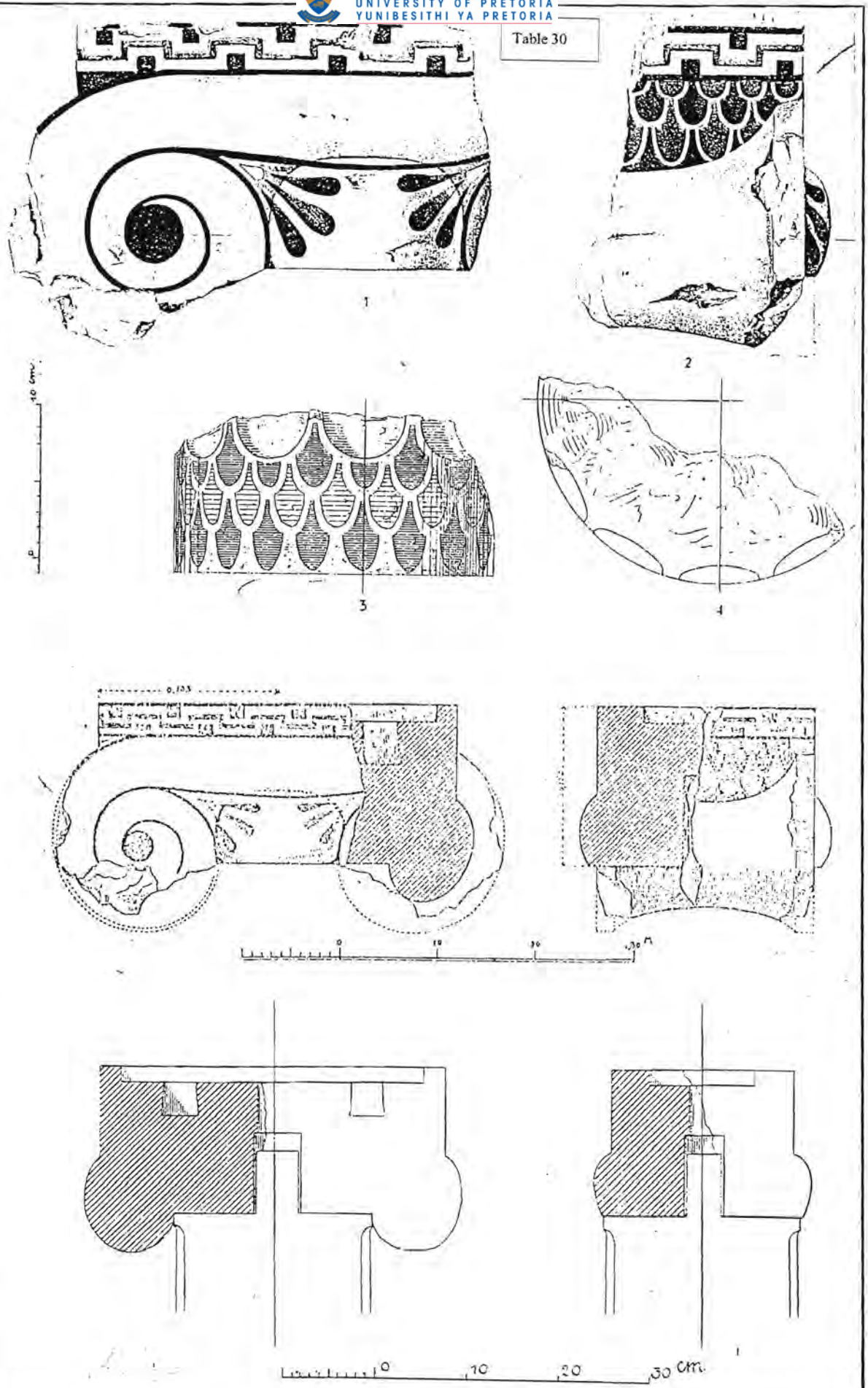
DWG REFERENCE: Gruben, 1963, Fig.43a-b

Table 29



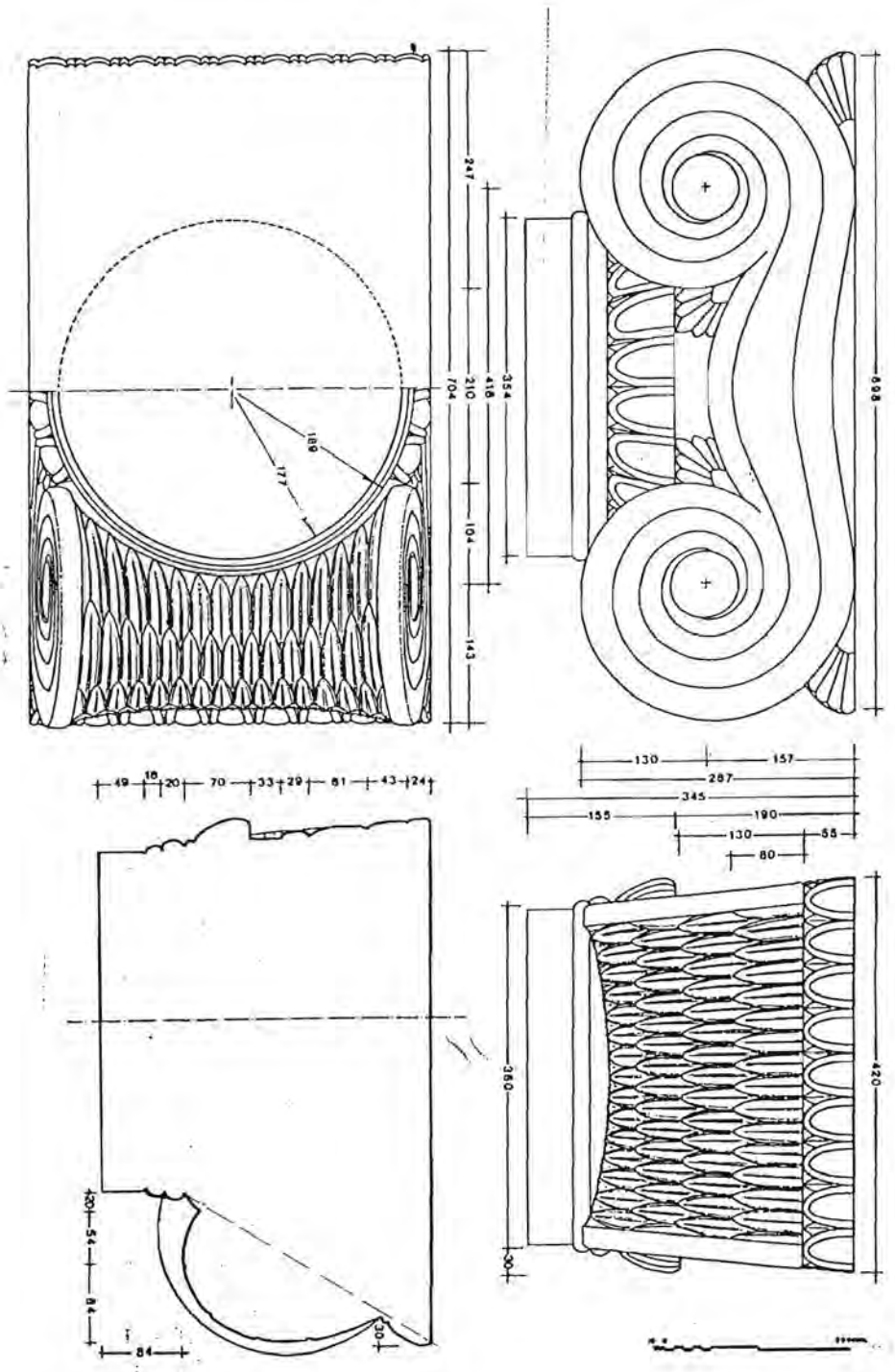
DRAWING REF: Bammer, 1072, Fig.1-5.

Table 30



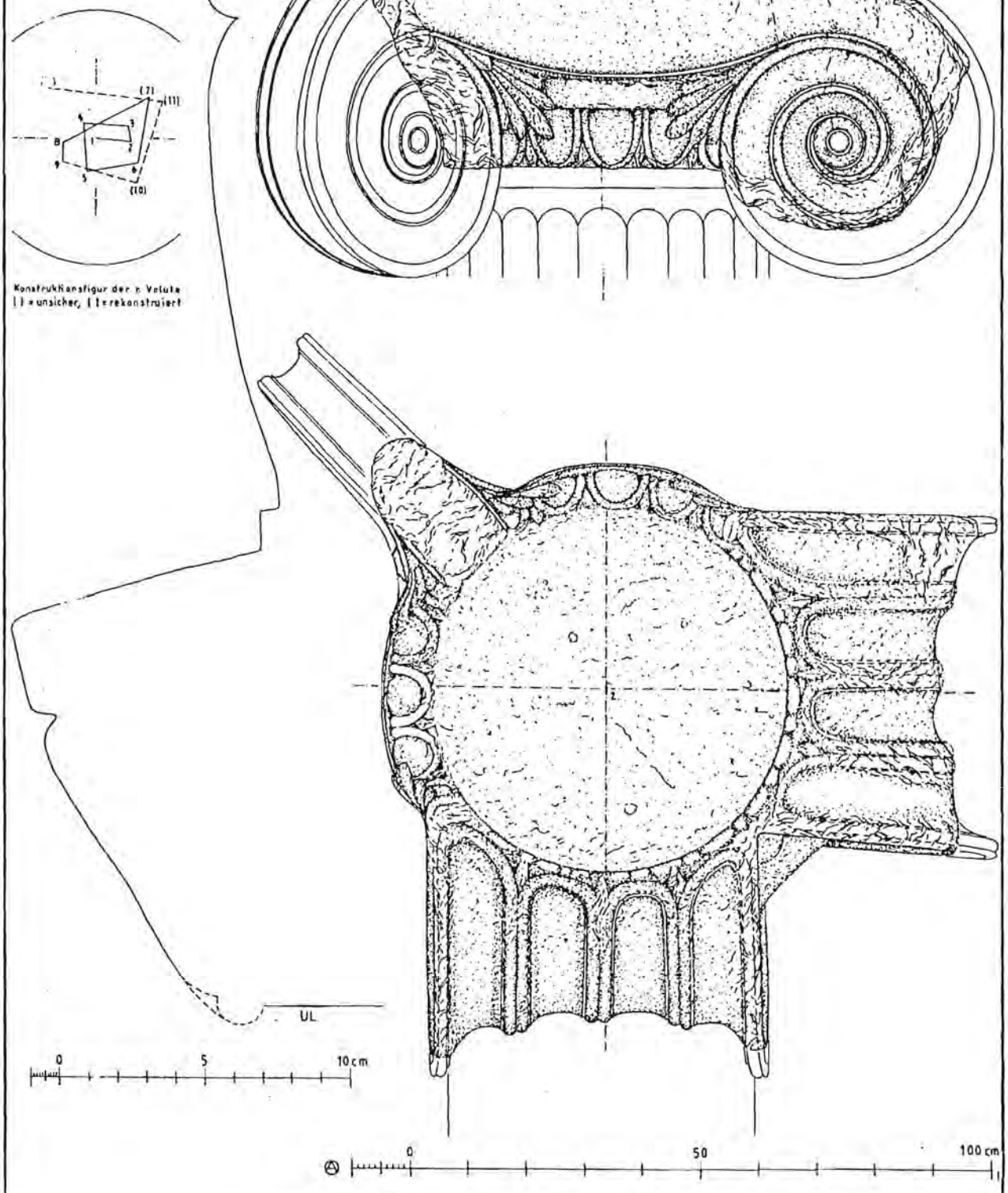
DRAWING REF: Top: Kawerau, 1907, Table 4; Middle: Puchstein, 1887, Fig.9; Bottom: Kawerau, 1907, Fig.4.

Table 31



DRAWING REF: Theodorescu, 1974, Plate 12.

Table Ion-32



DWG REFERENCE: Gruben, 1997, Fig.49 [Drawing by A Ohnesorg].

Table Ion-34

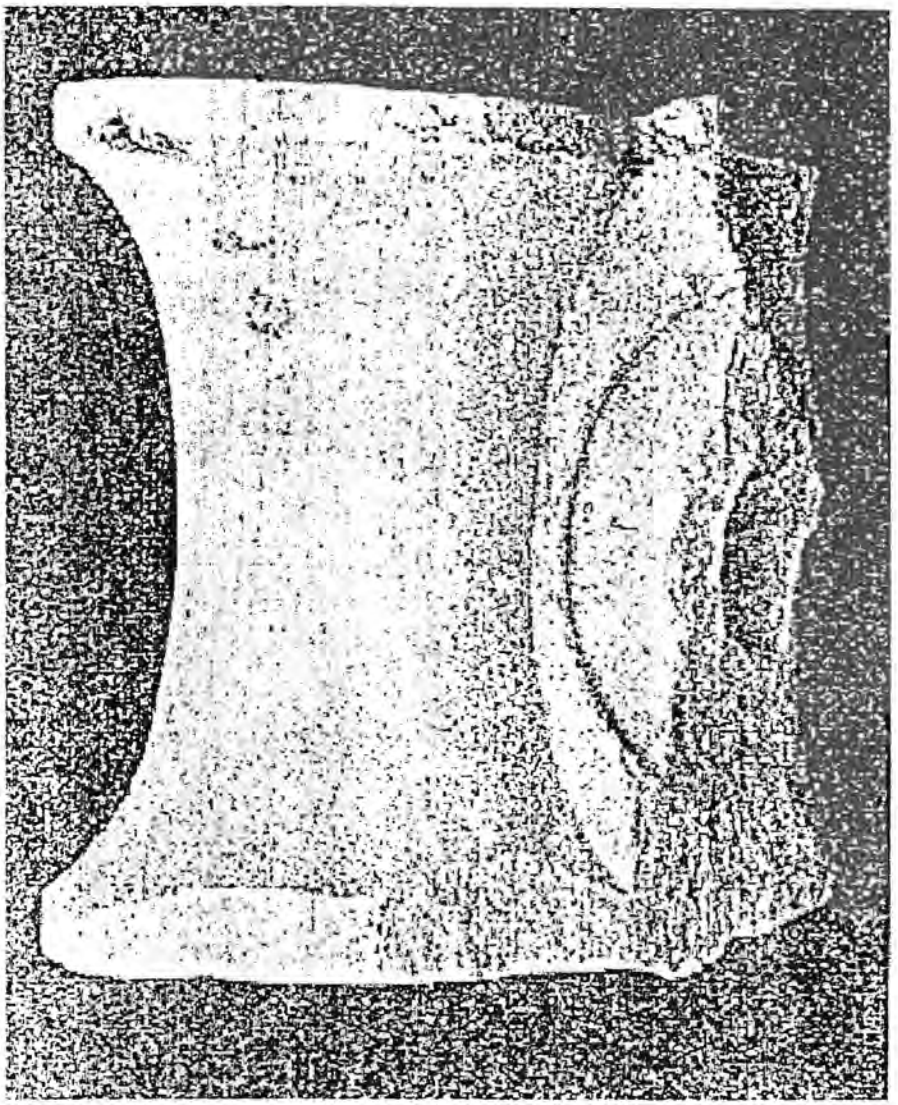
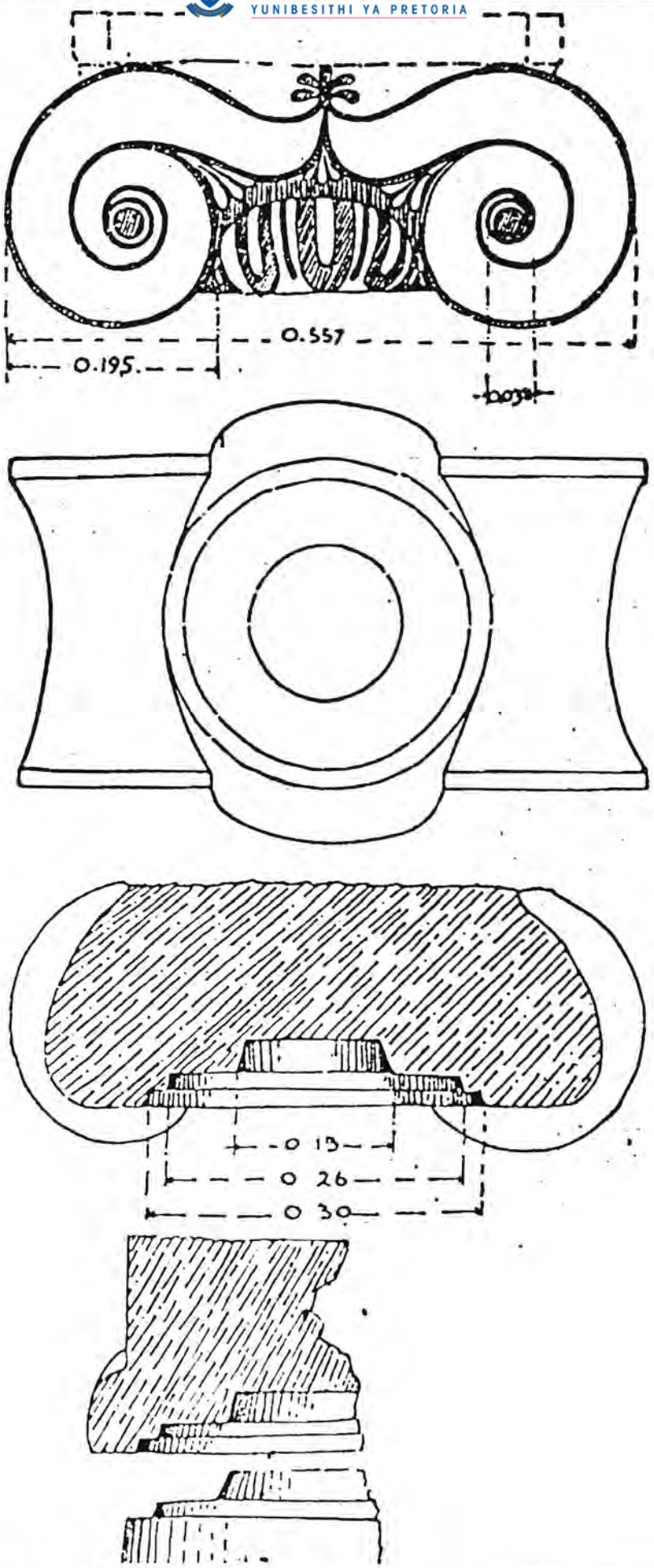


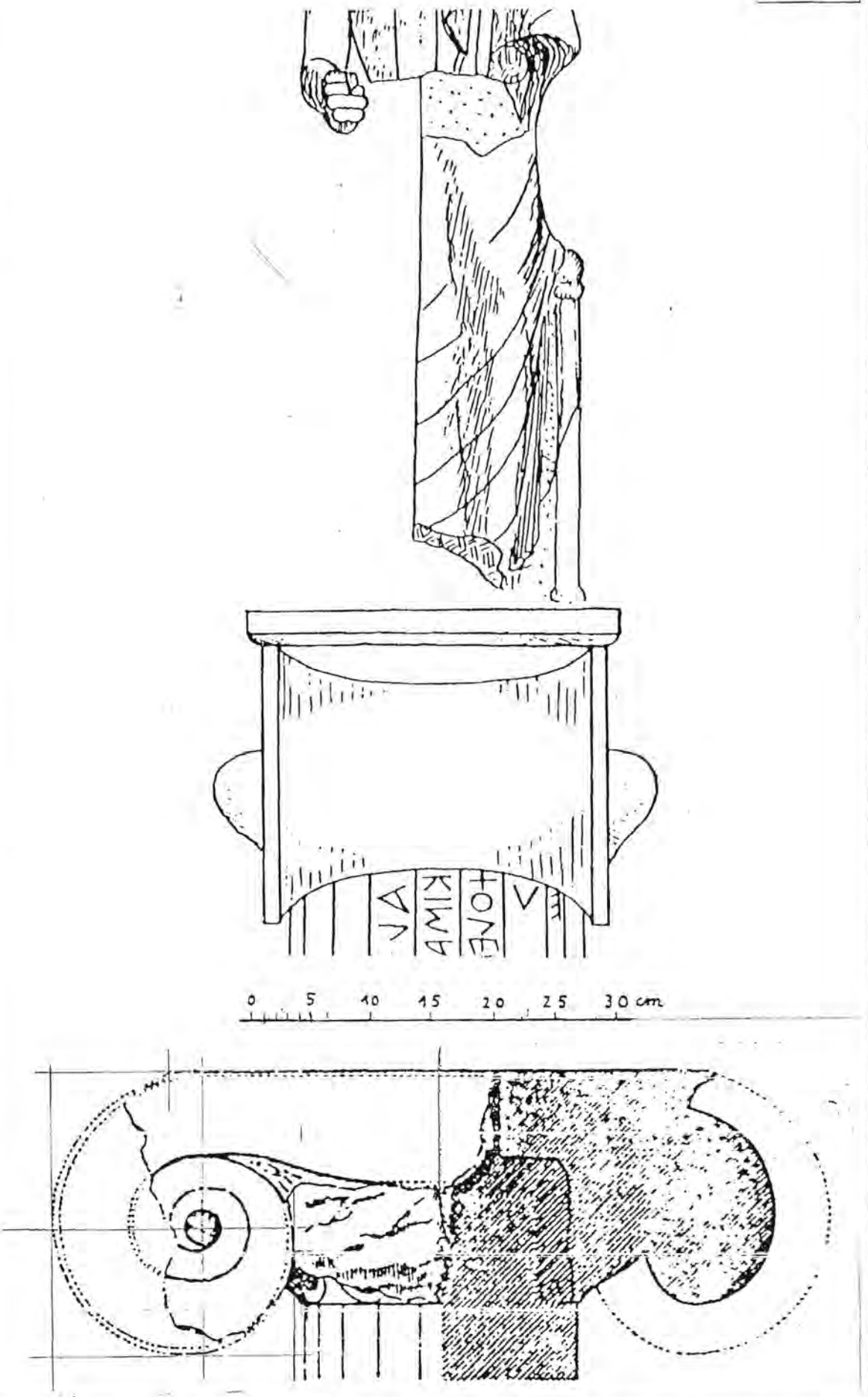
PHOTO REFERENCE: Raubitschek, 1938, Fig.25.

Table 35



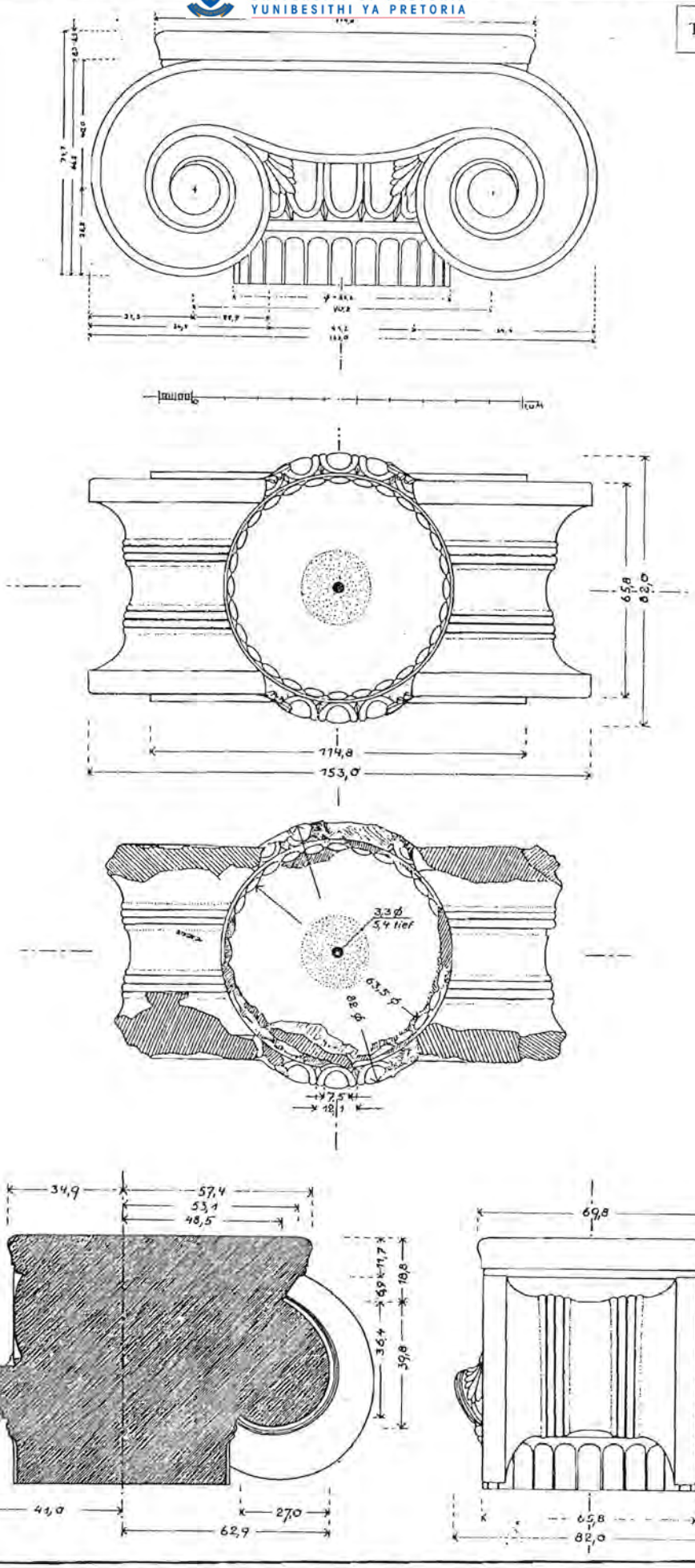
DRAWING REF: Trowbridge, 1886, Fig.3.

Table 36



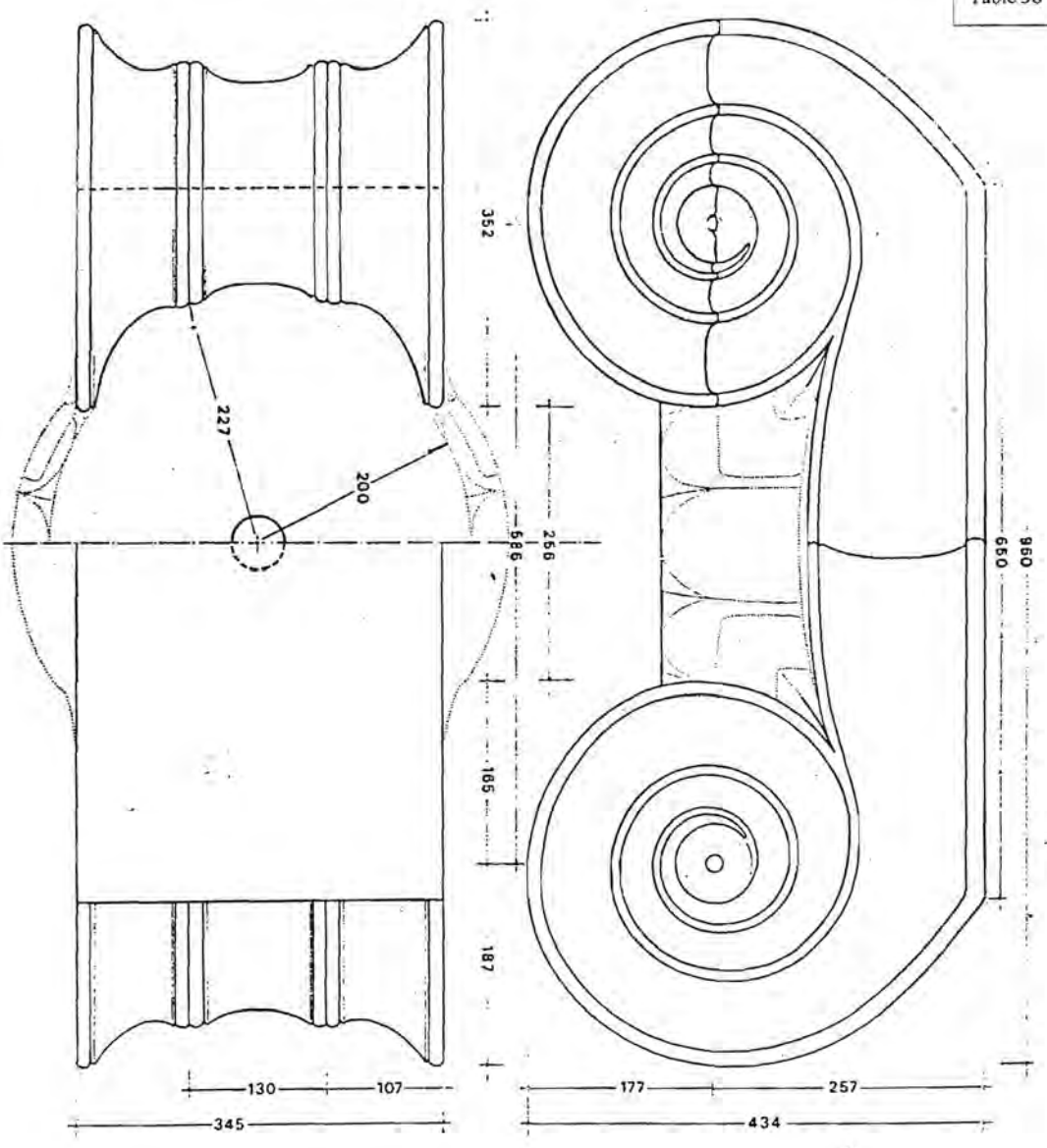
DRAWING REF: Top: Raubitschek, 1943, Fig.4 [portion]; Bottom: Puchstein, 1887, Fig.6.

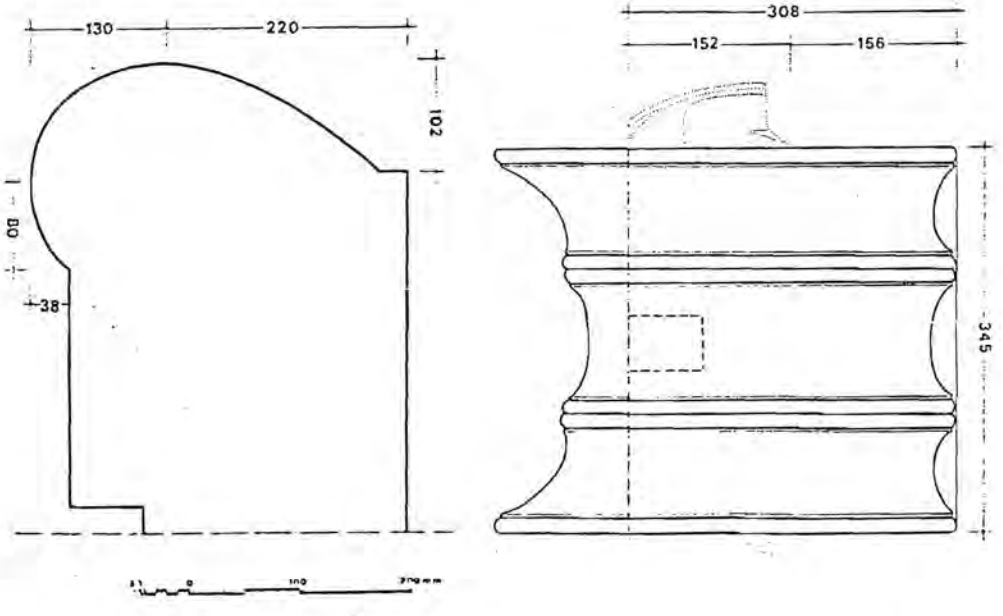
Table 37a



DRAWING REF: Krauss, 1959, Table 35 bottom and Table 34 collage.

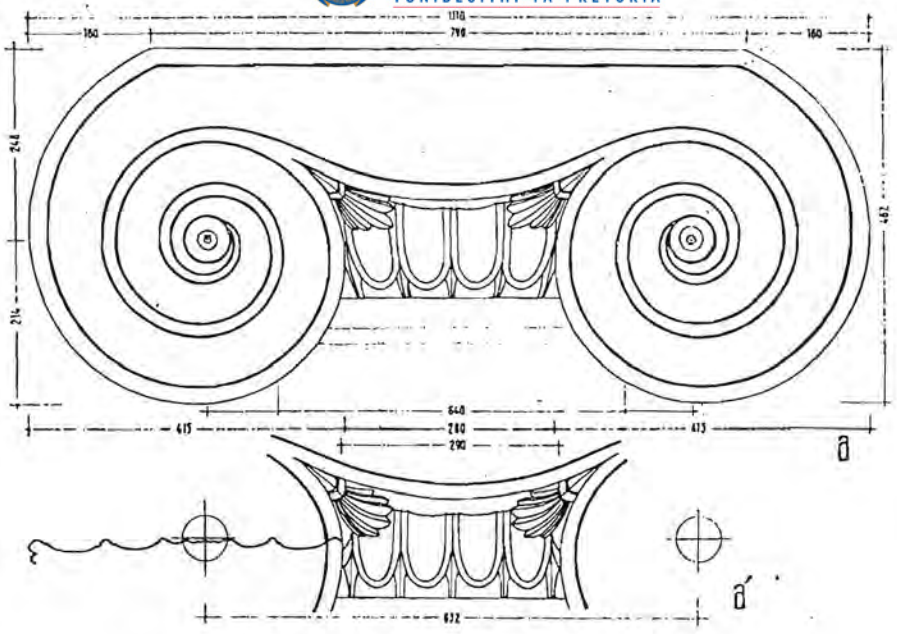
Table 38

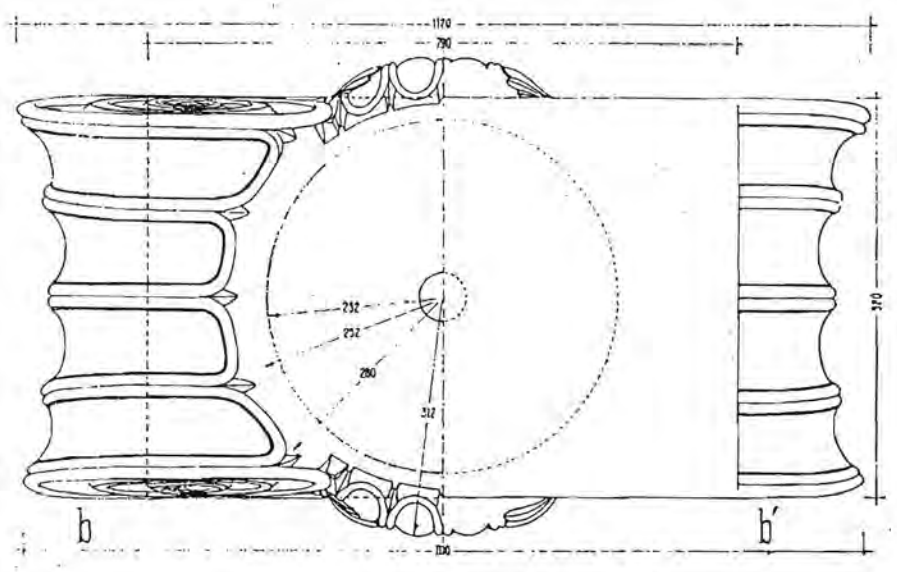


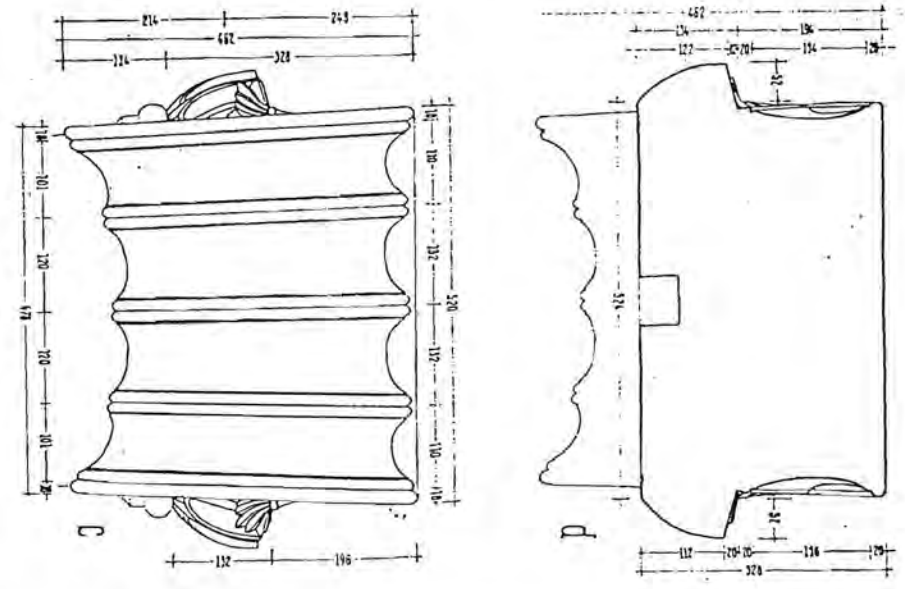


DRAWING REF: Martin, 1972, Fig.5

Table 39a

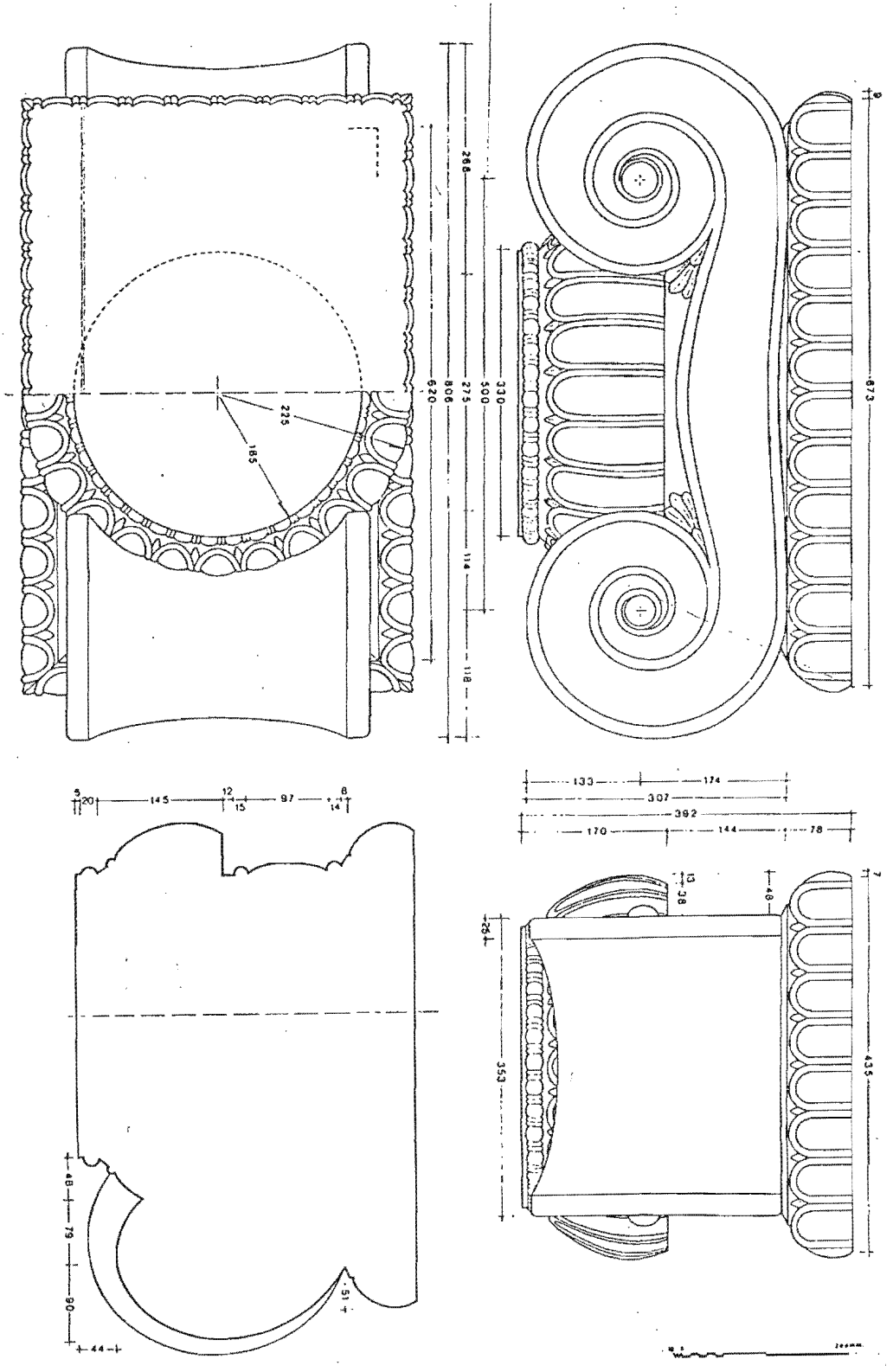






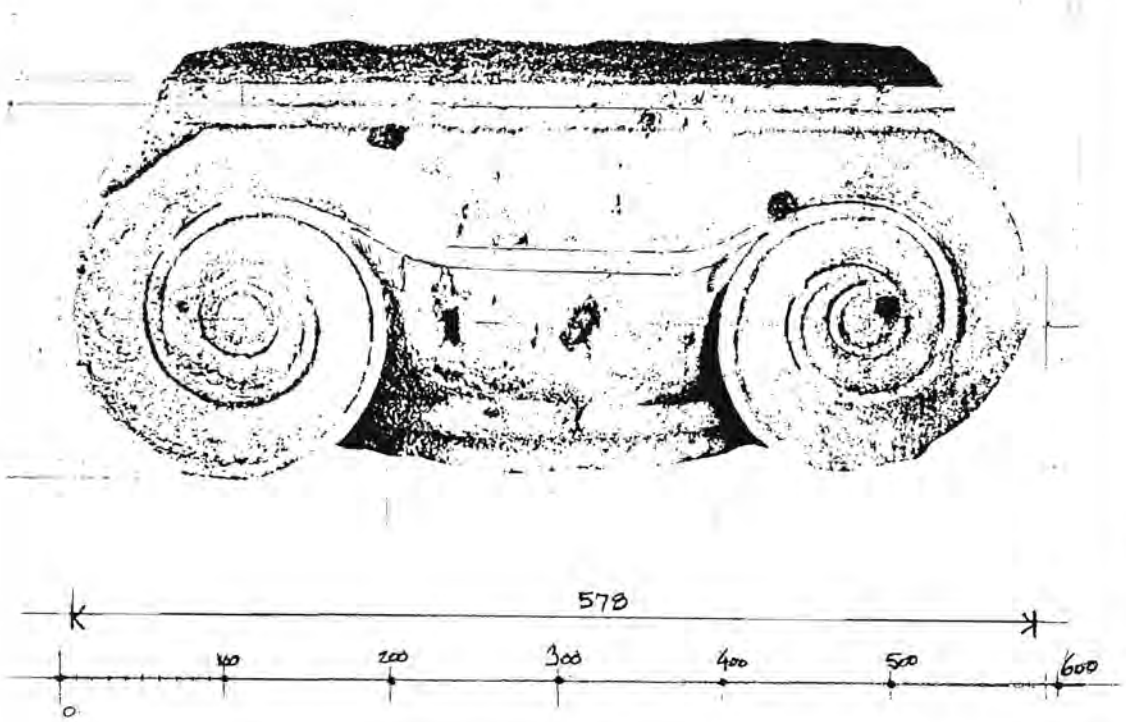
DRAWING REF: Theodorescu, 1968, Fig.4a-d.

Table 40a



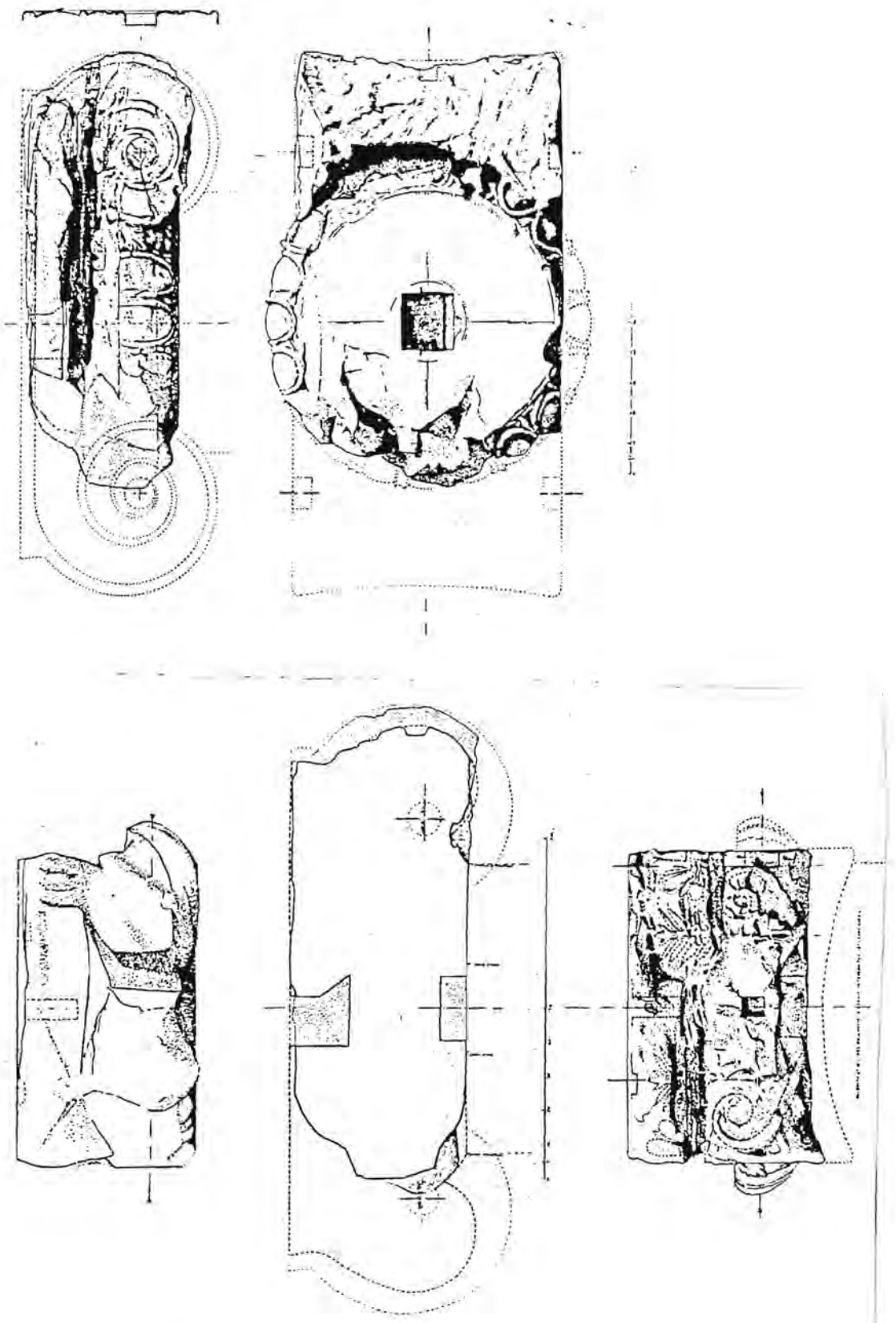
DRAWING REF: Theodorescu, 1974, Plate 11.

Table 41-



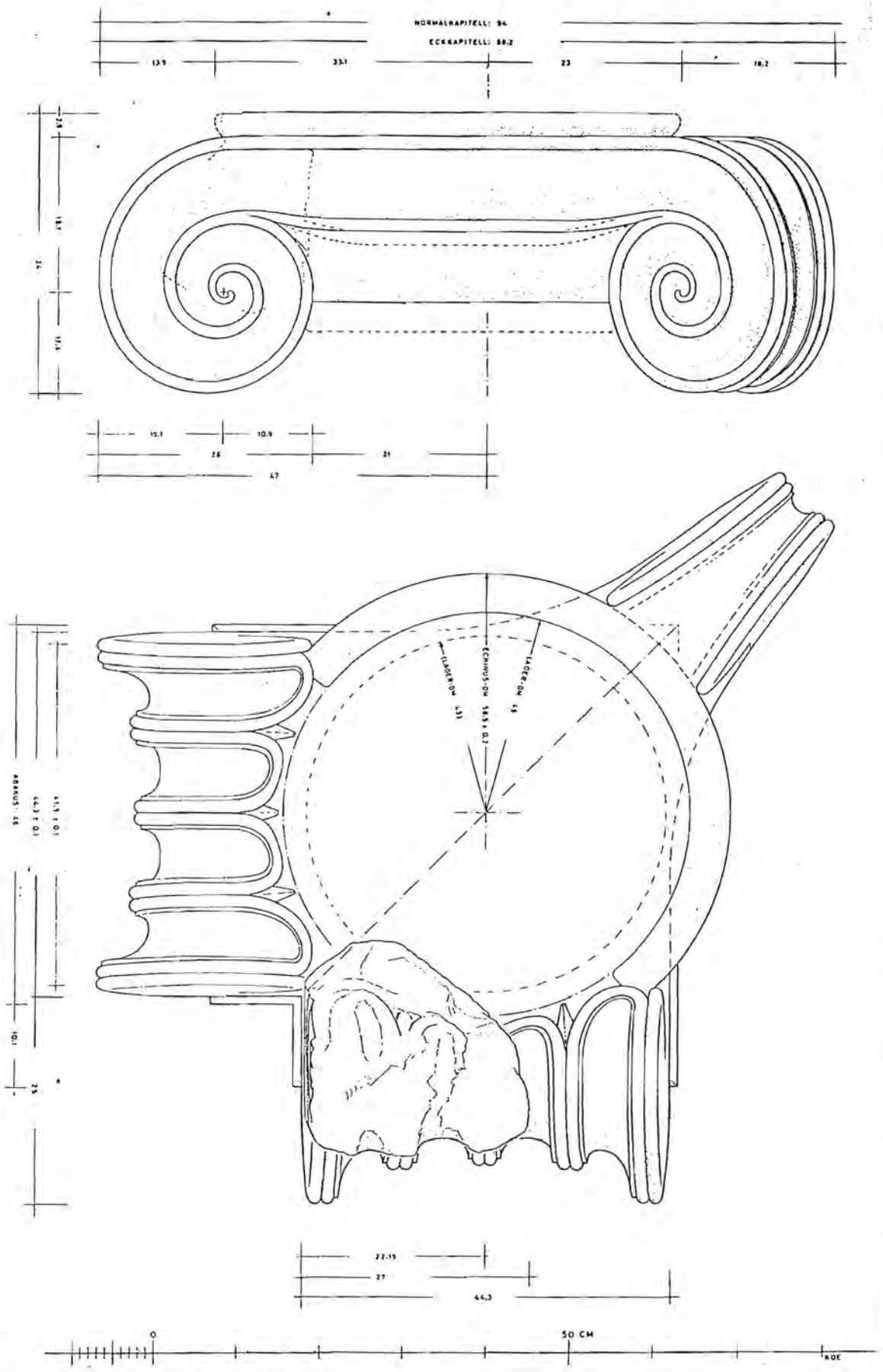
DRAWING REF: Authors notation and scale on Sotheby, 1970, Fig.174

Table 42

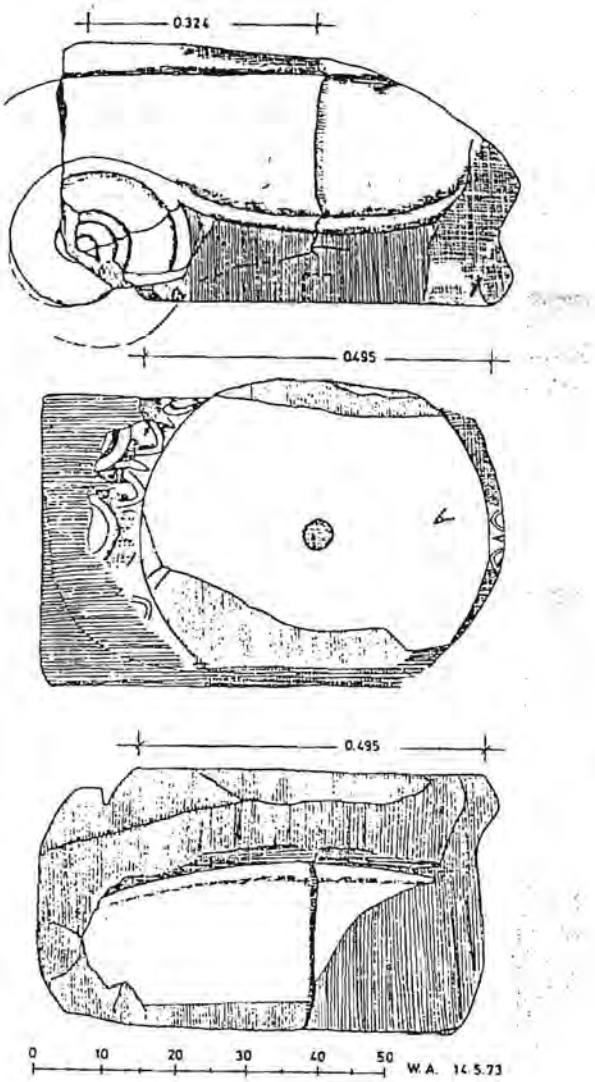


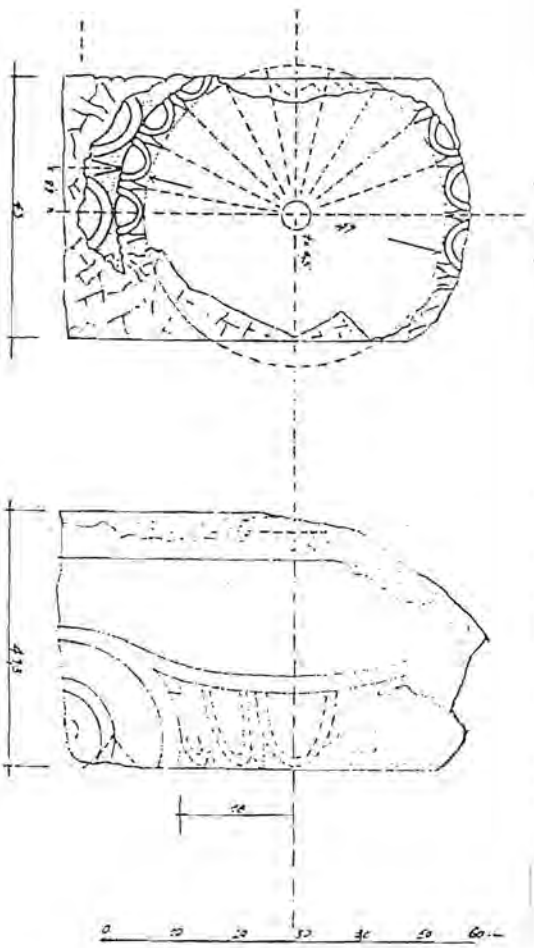
DRAWING REF: Benoit, 1954. Fig.9, 12.

Table 43

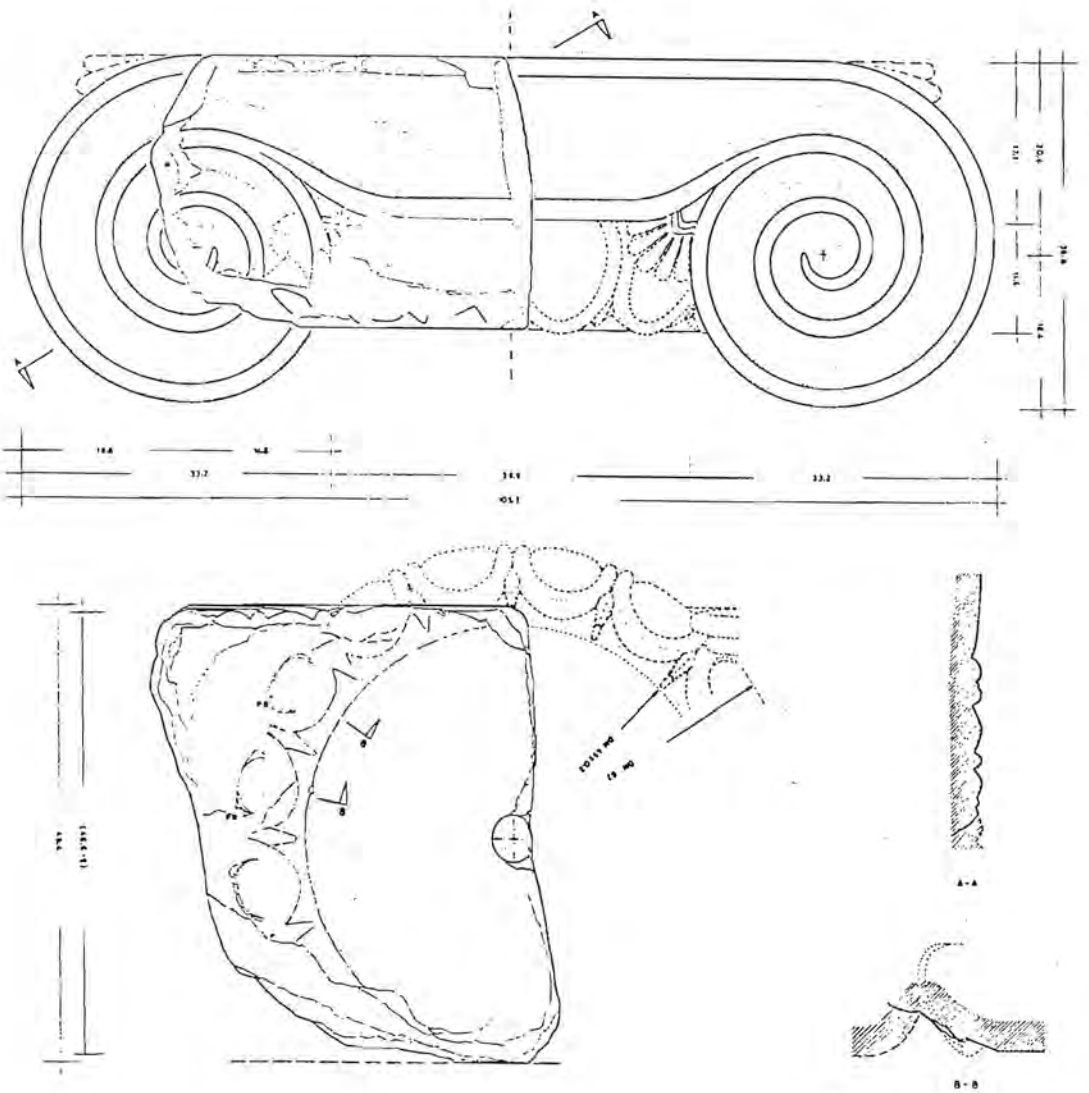


DRAWING REF: Koenigs, 1979, Beil.5.



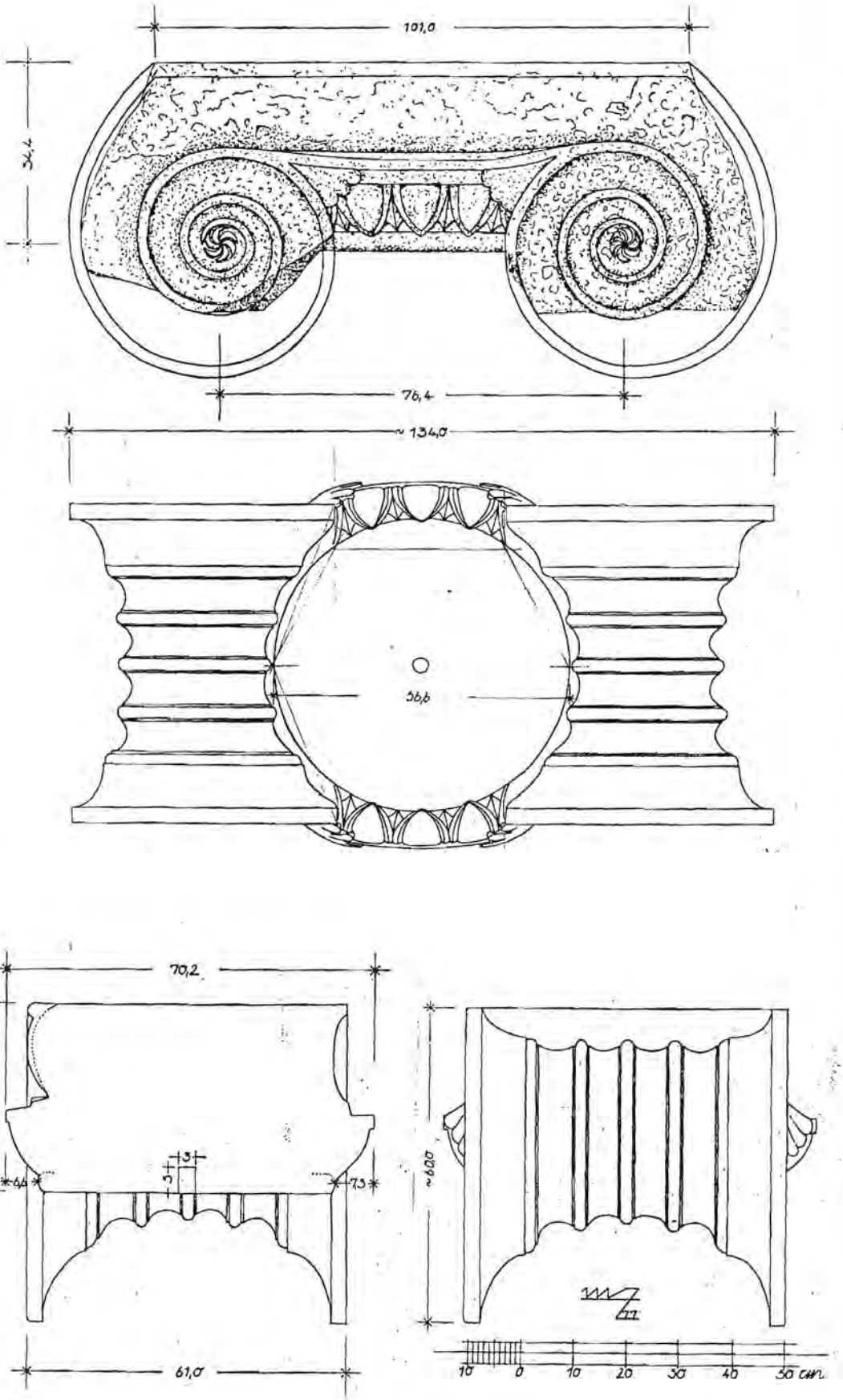


DRAWING REF: Left row: Alzinger, 1972/3, Fig.6g; Right row: Bammer, 1972, Fig.21.



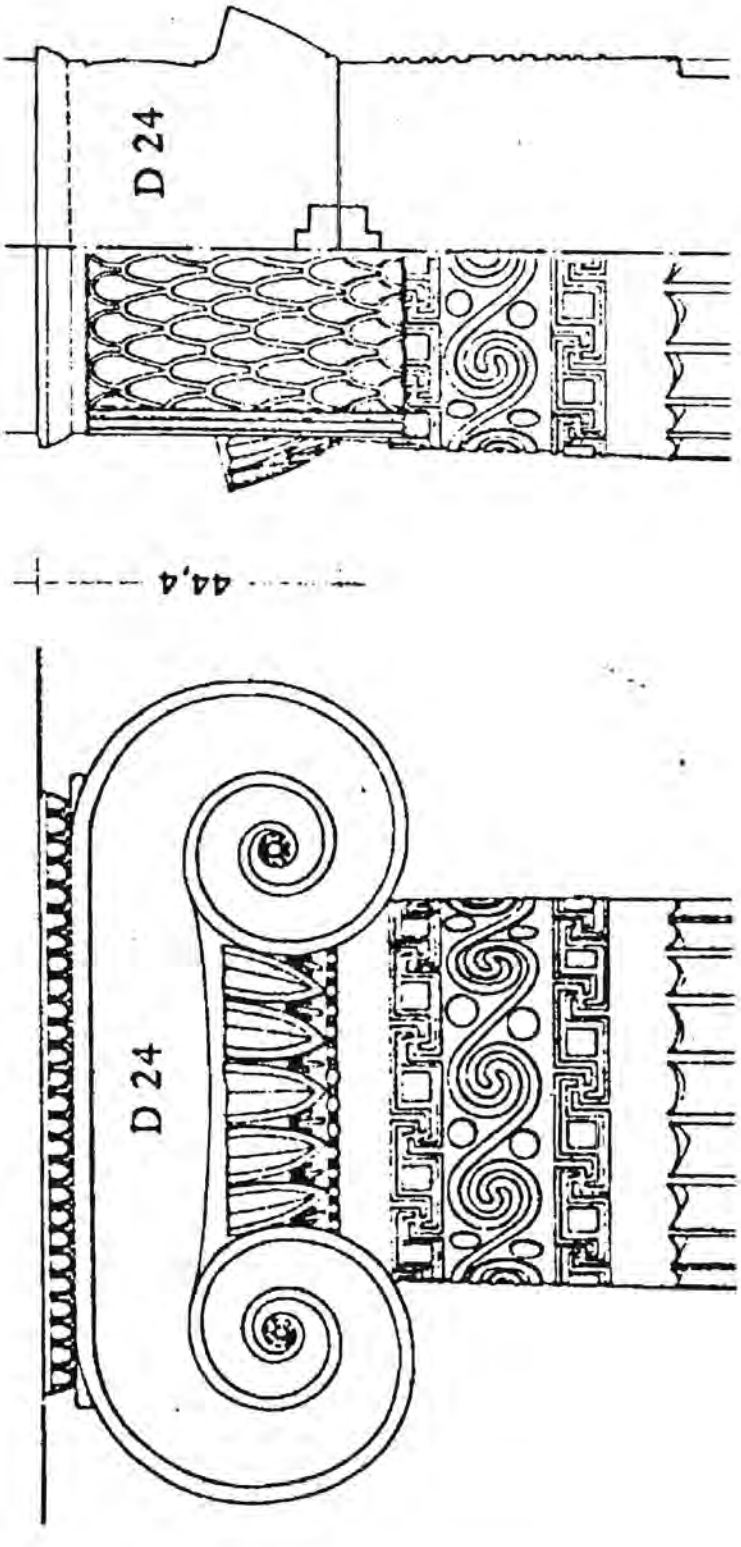
DRAWING REF: Koenigs, 1979, Beil.3.

Table 48



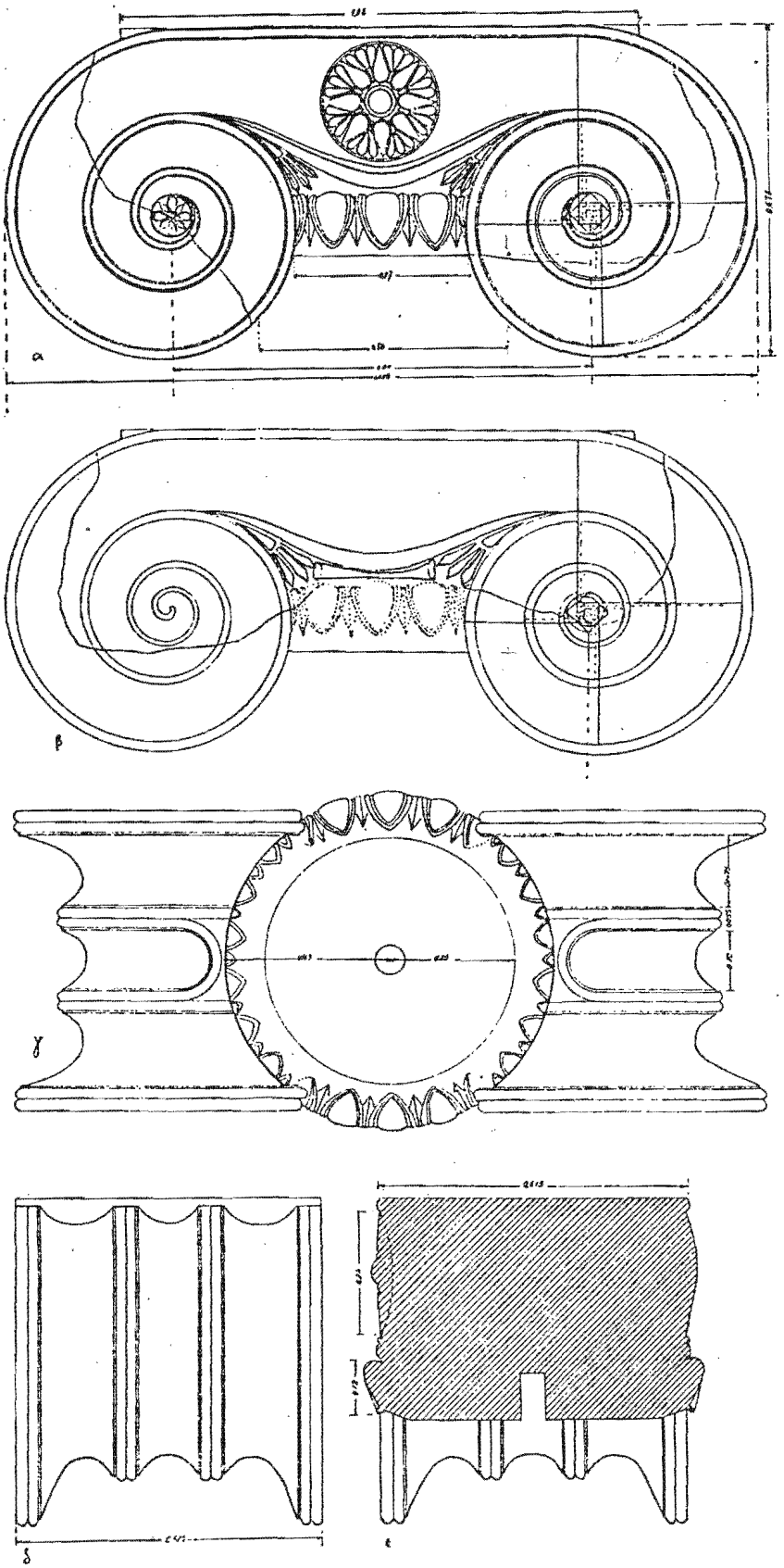
DRAWING REF: Mallwitz, 1980, Fig.3.

Table Ion-46



DWG/PHOTO REFERENCE: Mertens, 1979, Fig.2-3.

Table 50a



DRAWING REF: Bakalakis, 1936, Fig.13.

Table Ion-51a

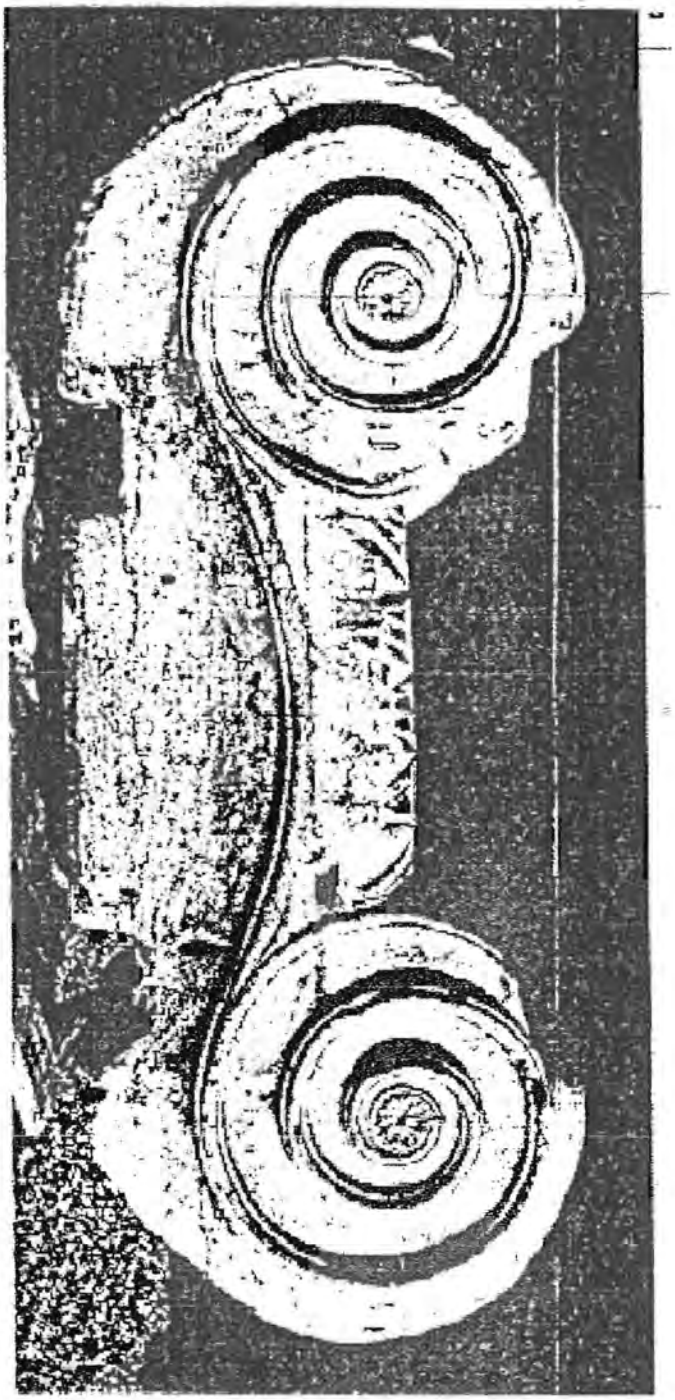
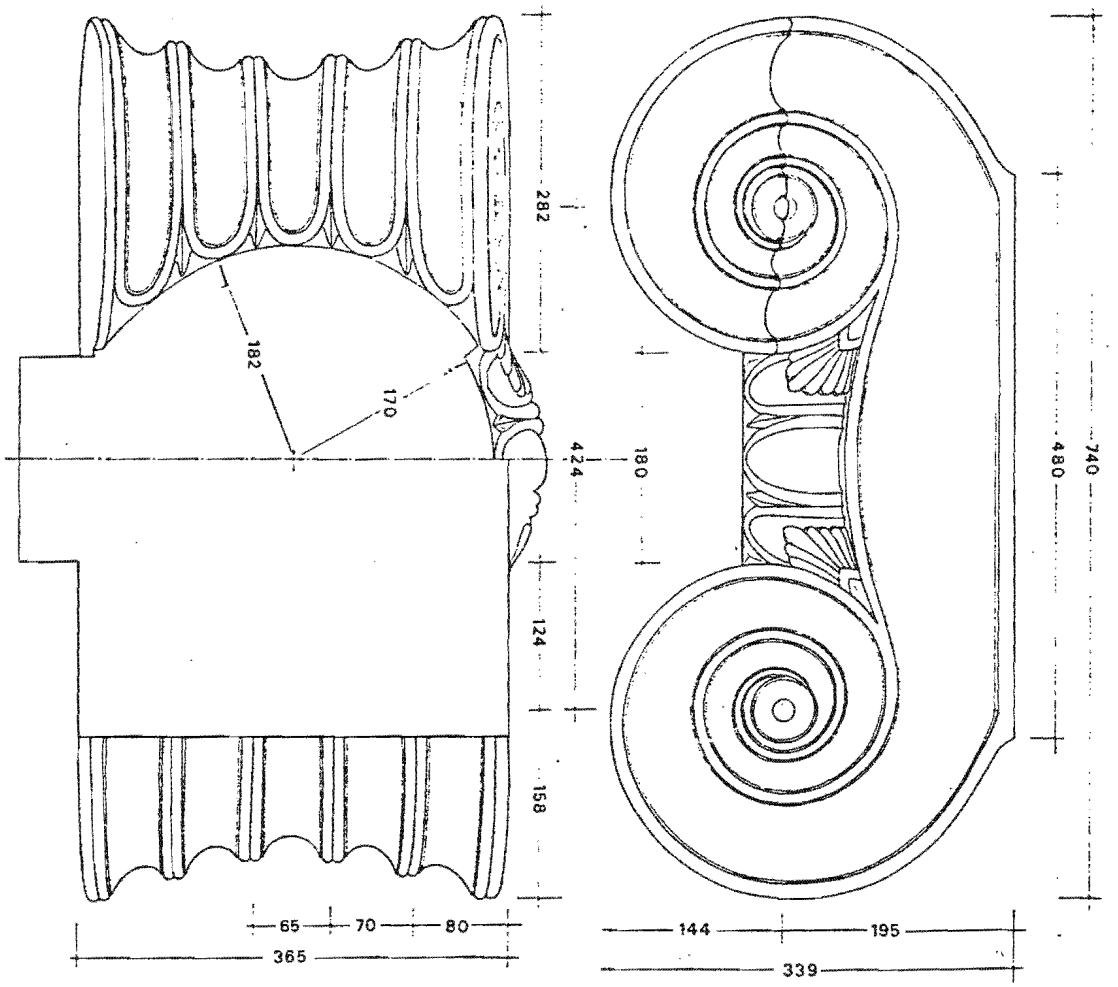
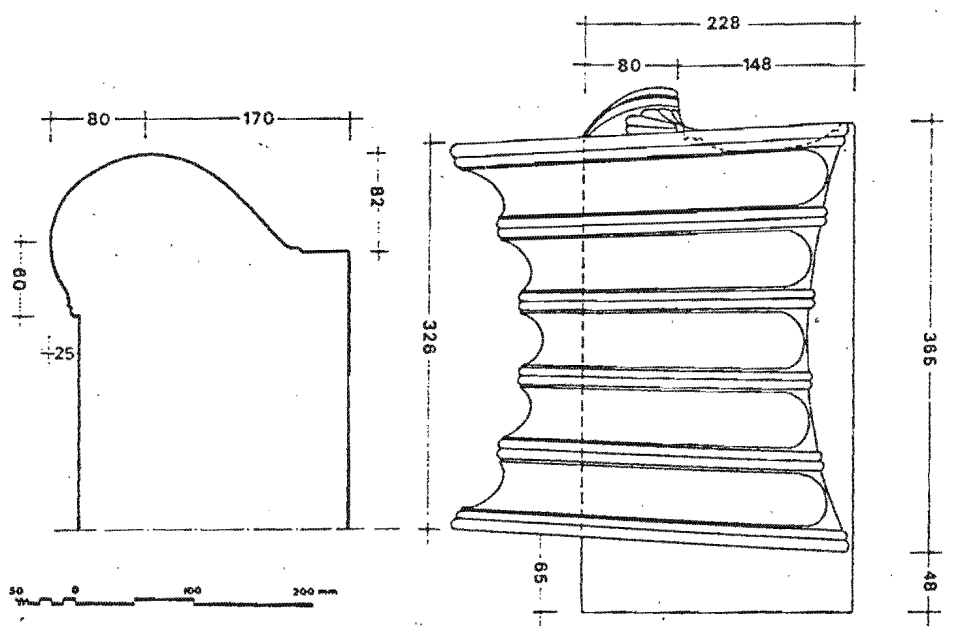


PHOTO REFERENCE: Bakalakis, 1963, Plate 17.1.

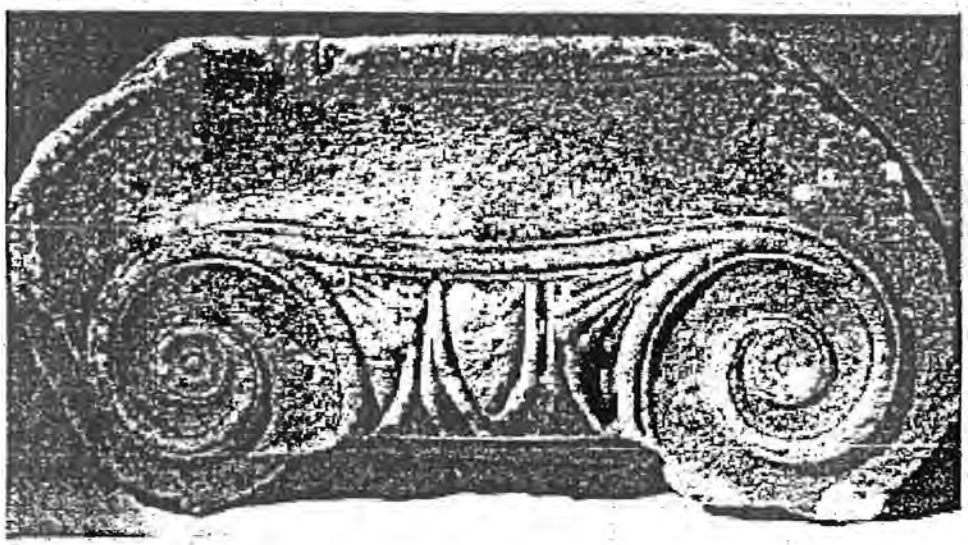
Table 52

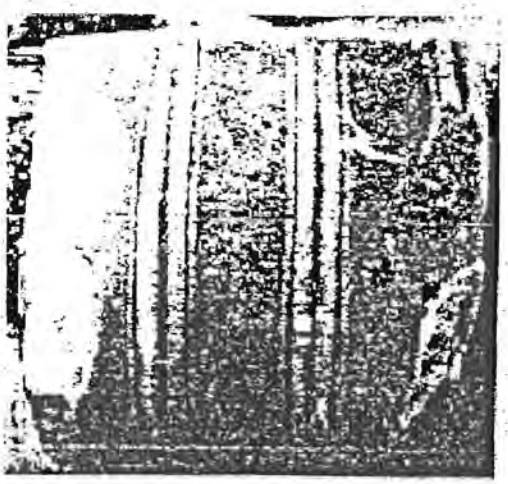




DRAWING REF: Martin, 1972, Fig.9.

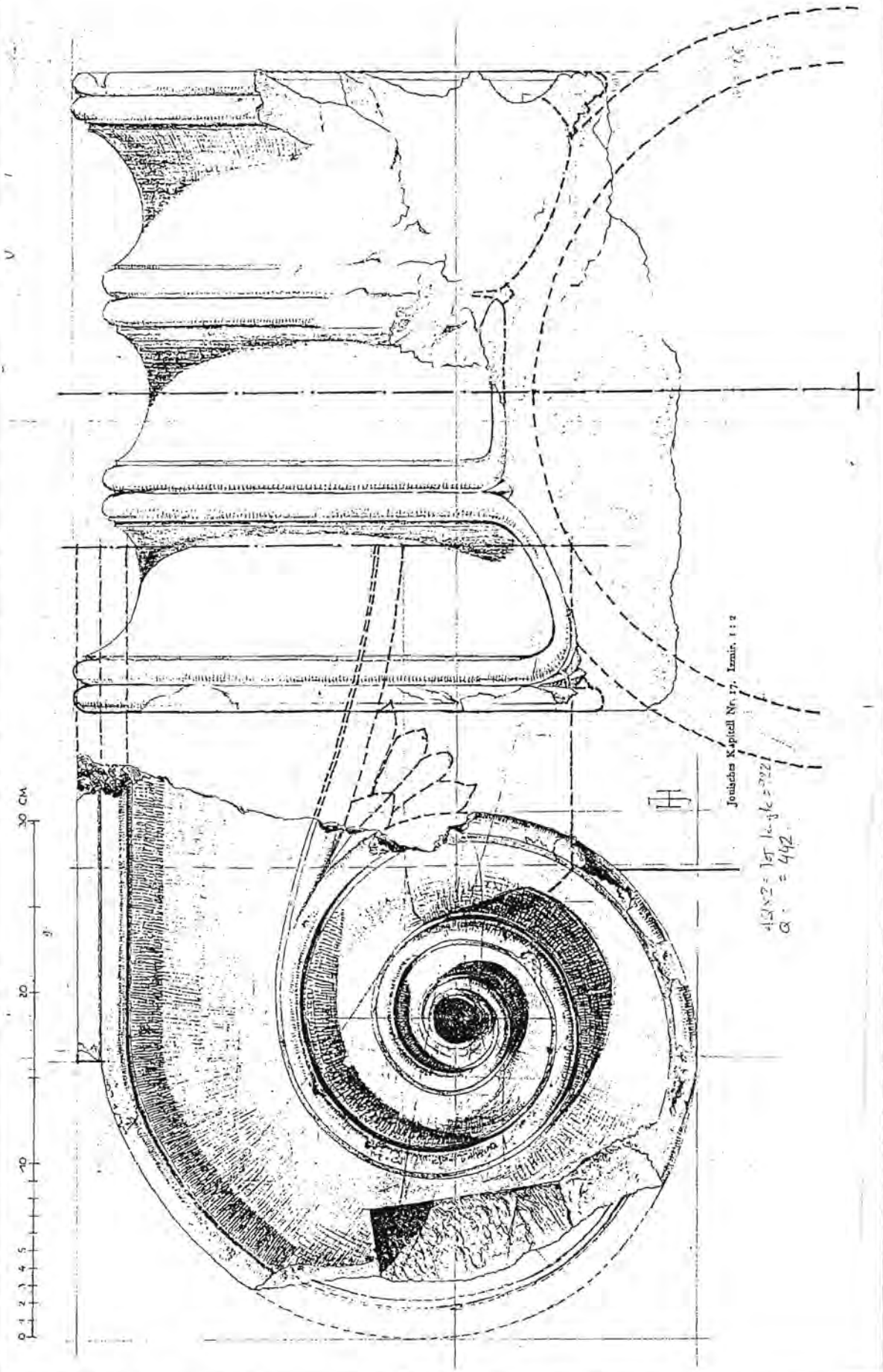
Table Ion-53





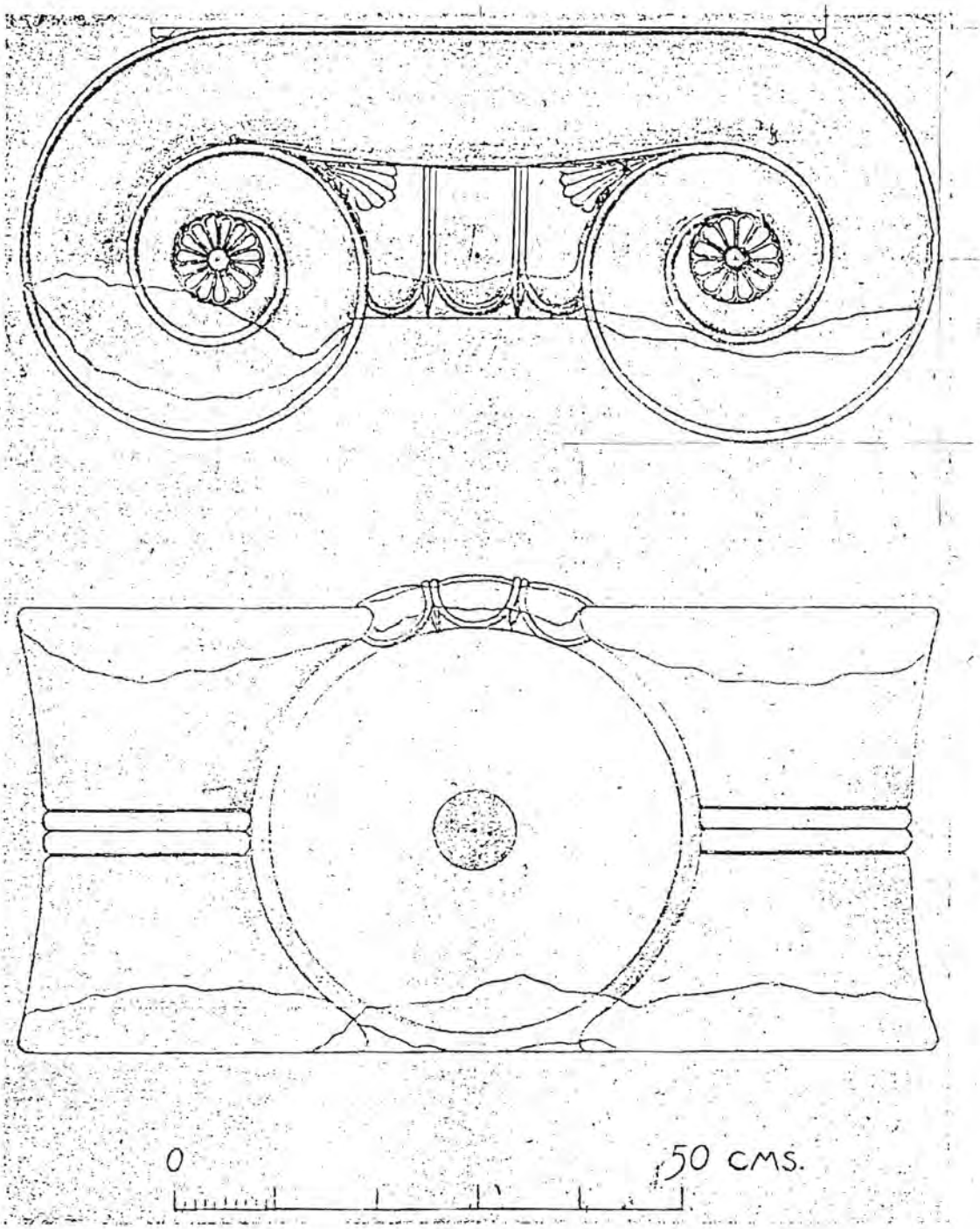
DWG REFERENCE: Martin, 1972, Fig.12.

Table 54



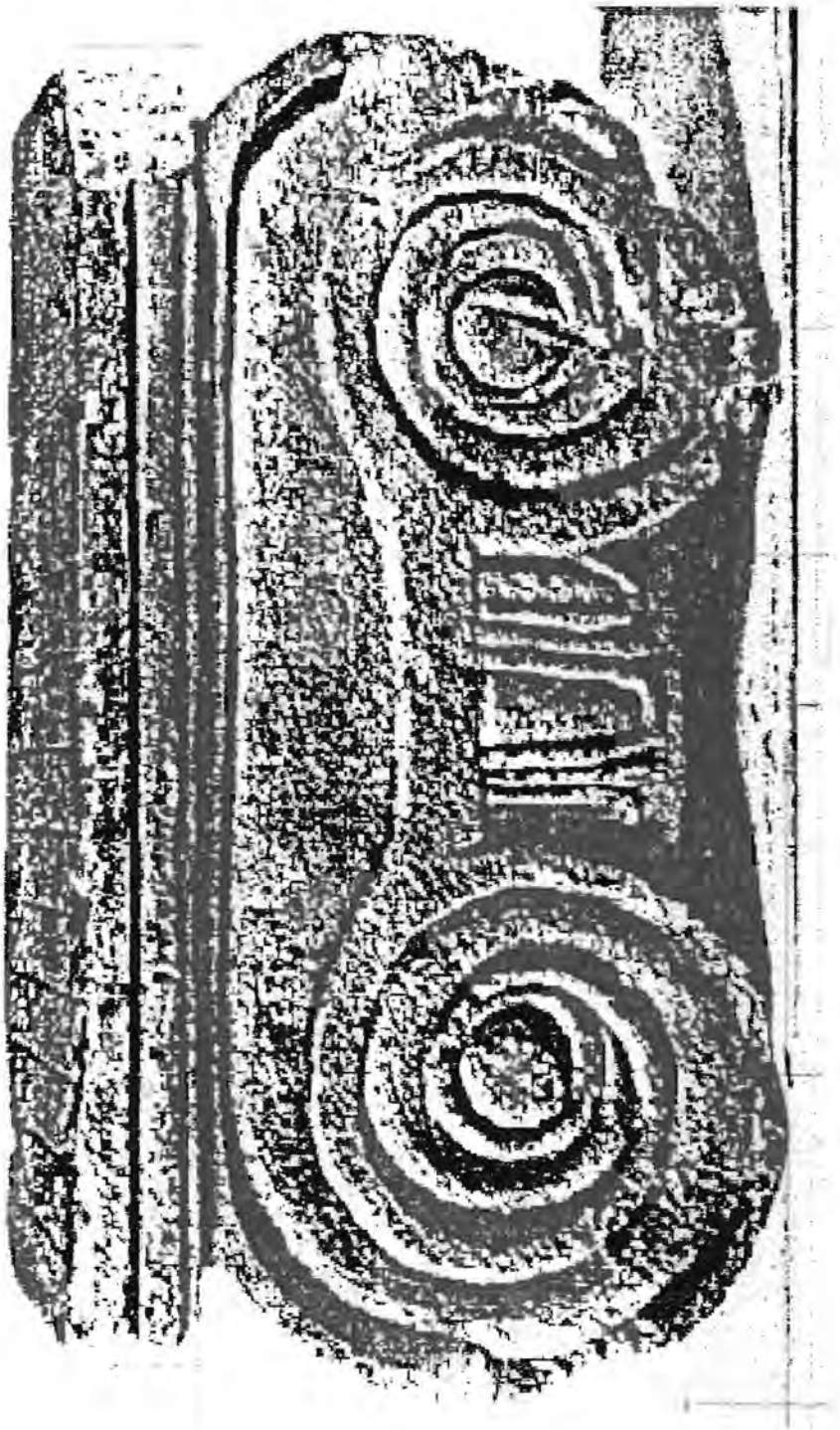
DRAWING REF: Author's reconstruction on the drawing by Johannes (In Boehlau *et al*, 1940, Plate 21).

Table 55



DRAWING REF: Plommer in Bean & Cook, 1955, Fig.15.

Table Ion-56



DWG REFERENCE: Michaelidou-Nicolau, 1970, Fig.1.

Table Ion-57

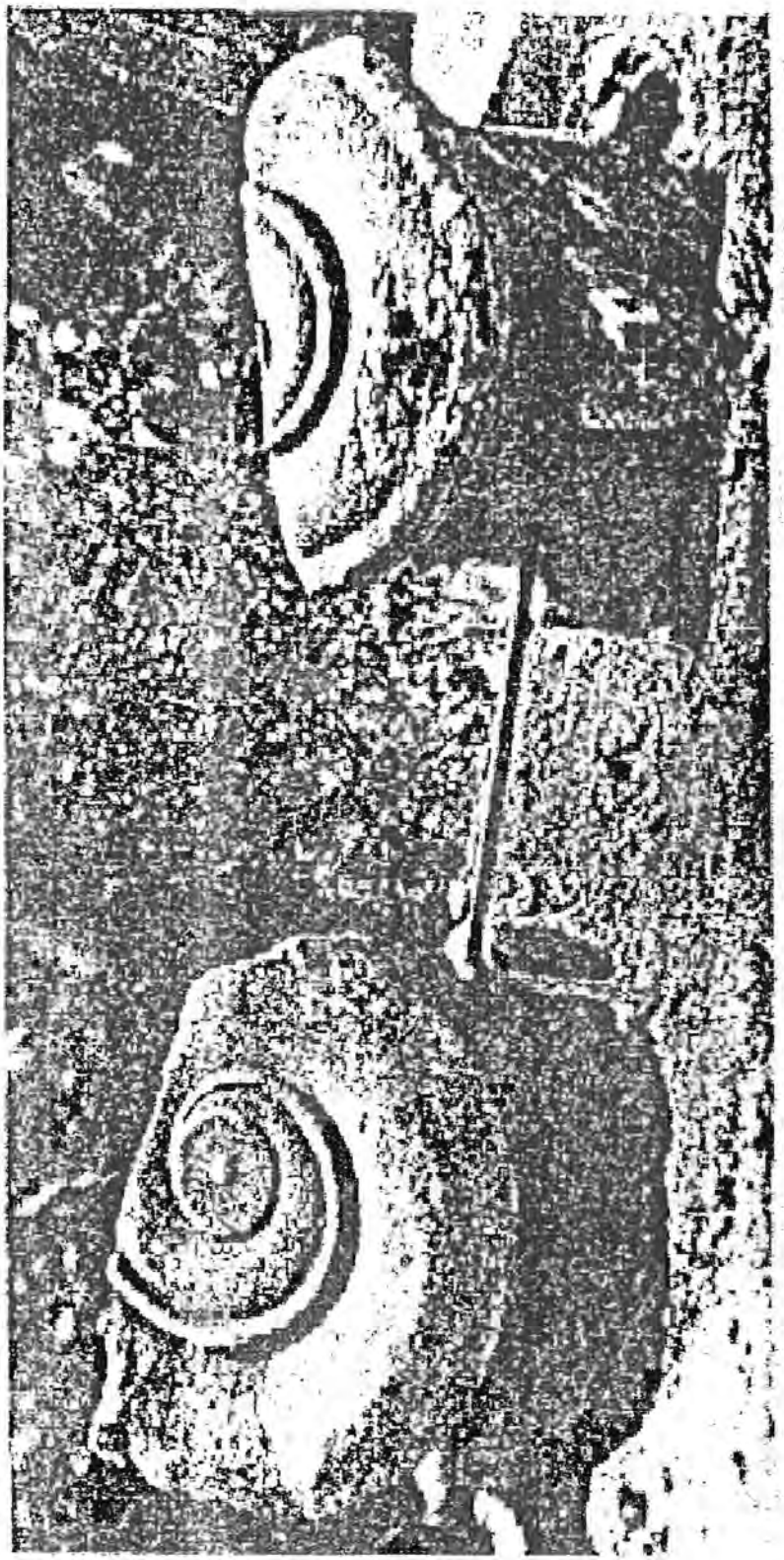
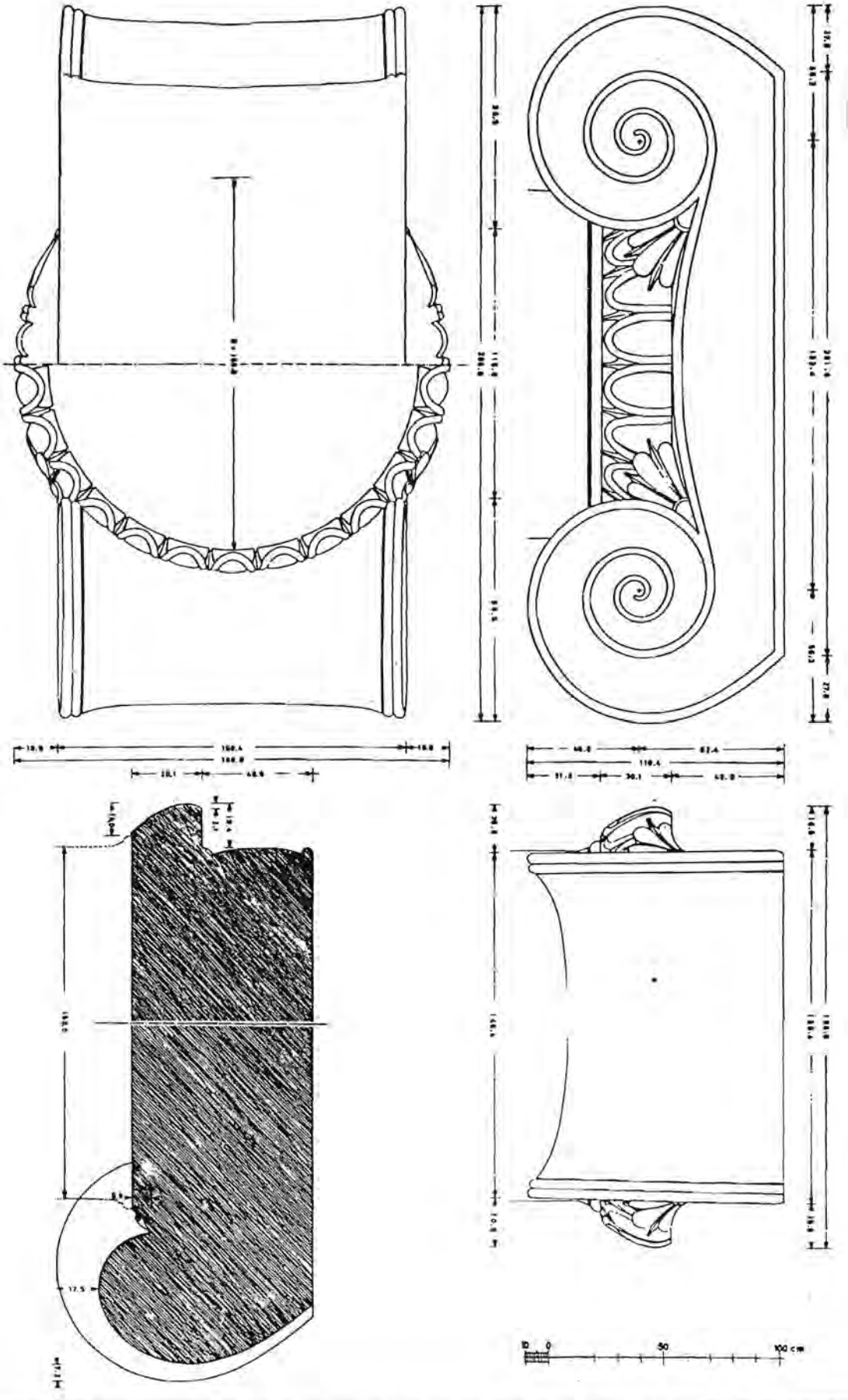


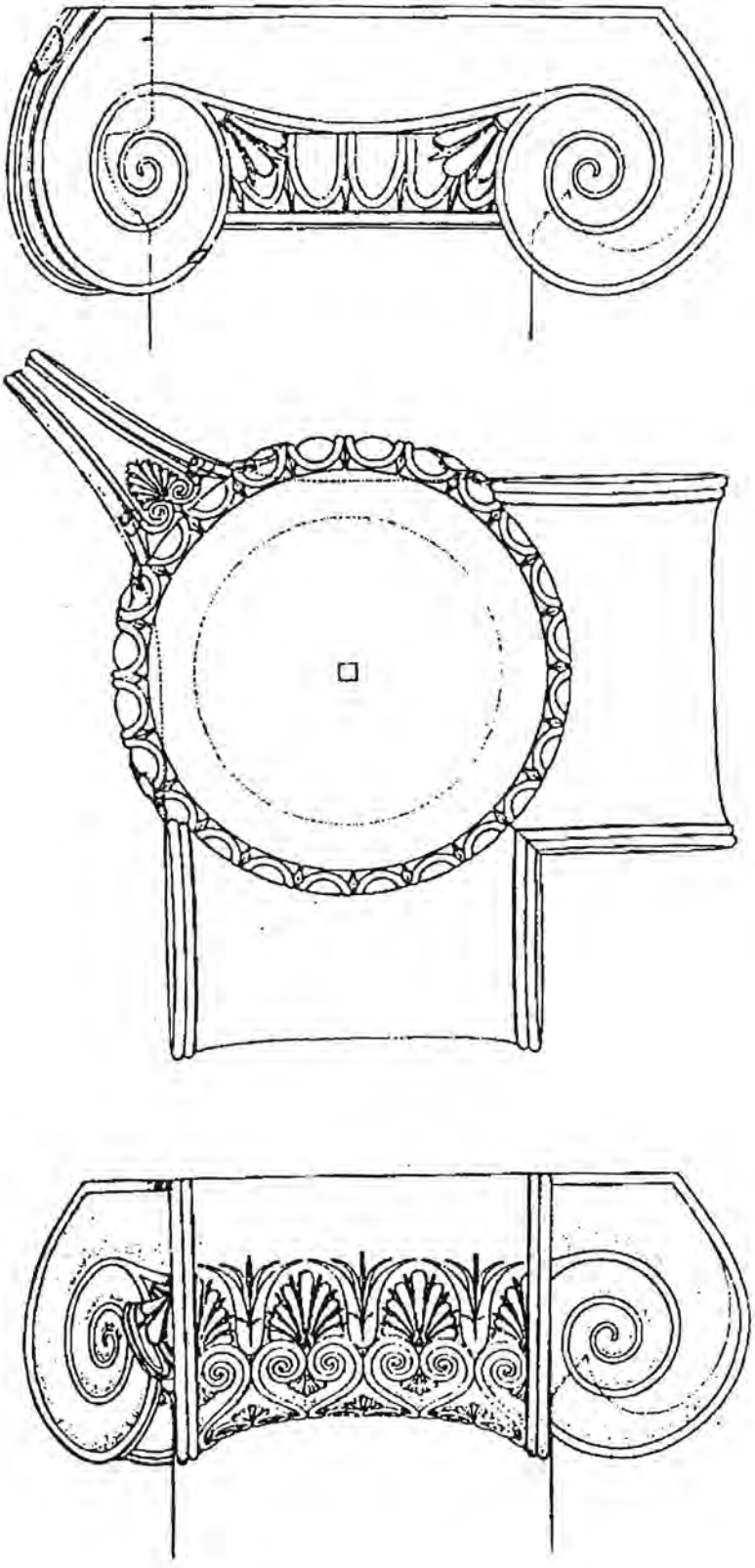
PHOTO REFERENCE: Hasluck, 1901-2, Plate VI.6.

Table 58a-



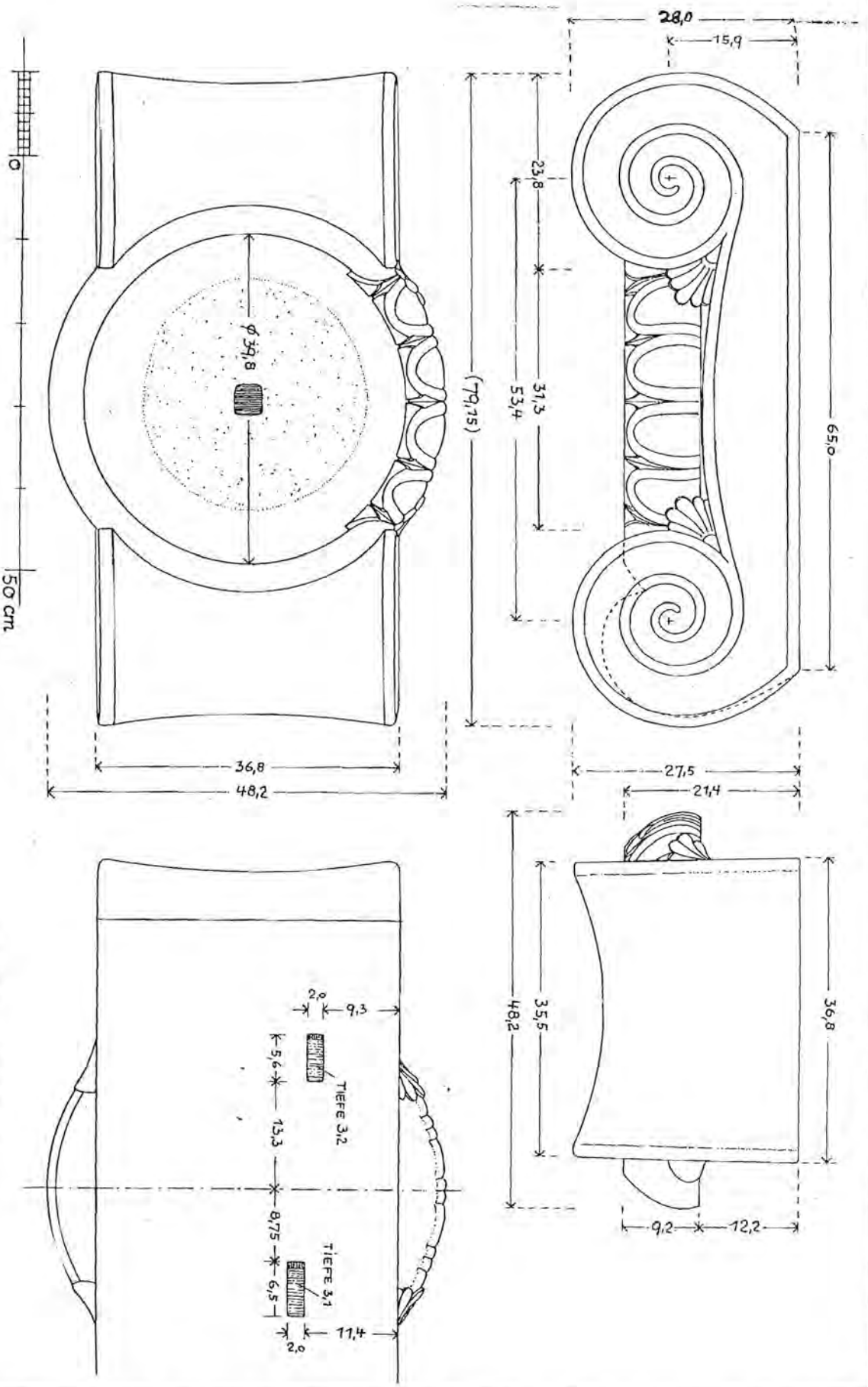
DRAWING REF: Gruben, 1965, Drawing 49.

Table Ion-58b



DWG REFERENCE: Top and middle: Gruben, 1960, Dwg.46; Bottom: Author's new side elevation on a collage of Gruben's Dwg.42-7

Table 59a



Taf. XV. Tempel B, Jonische Kapitelle

DRAWING REF: Ziegenaus, 1957, Table 15.

Table Ion-60

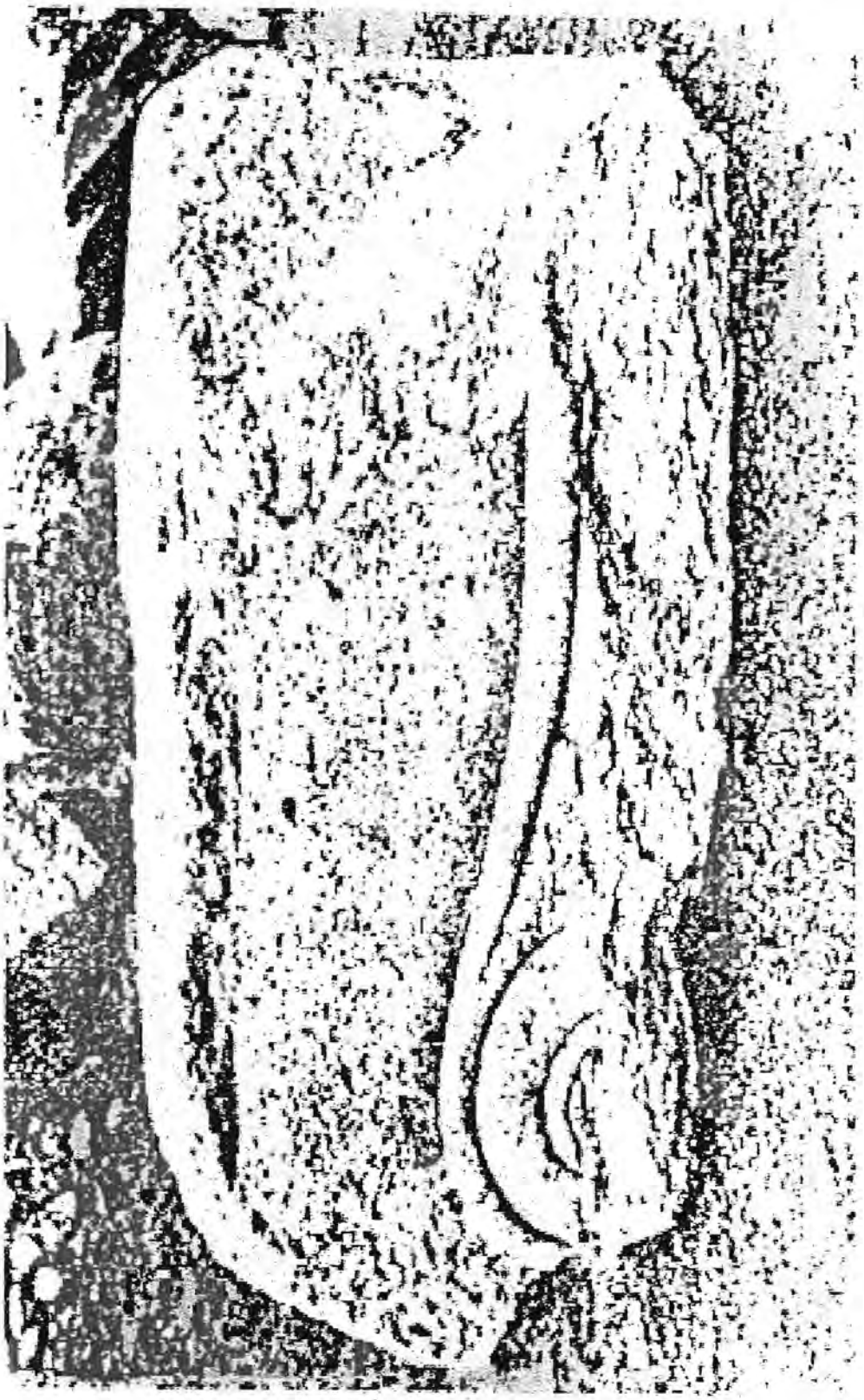
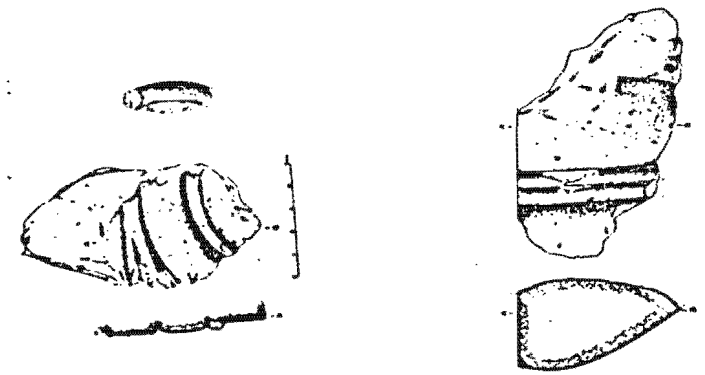
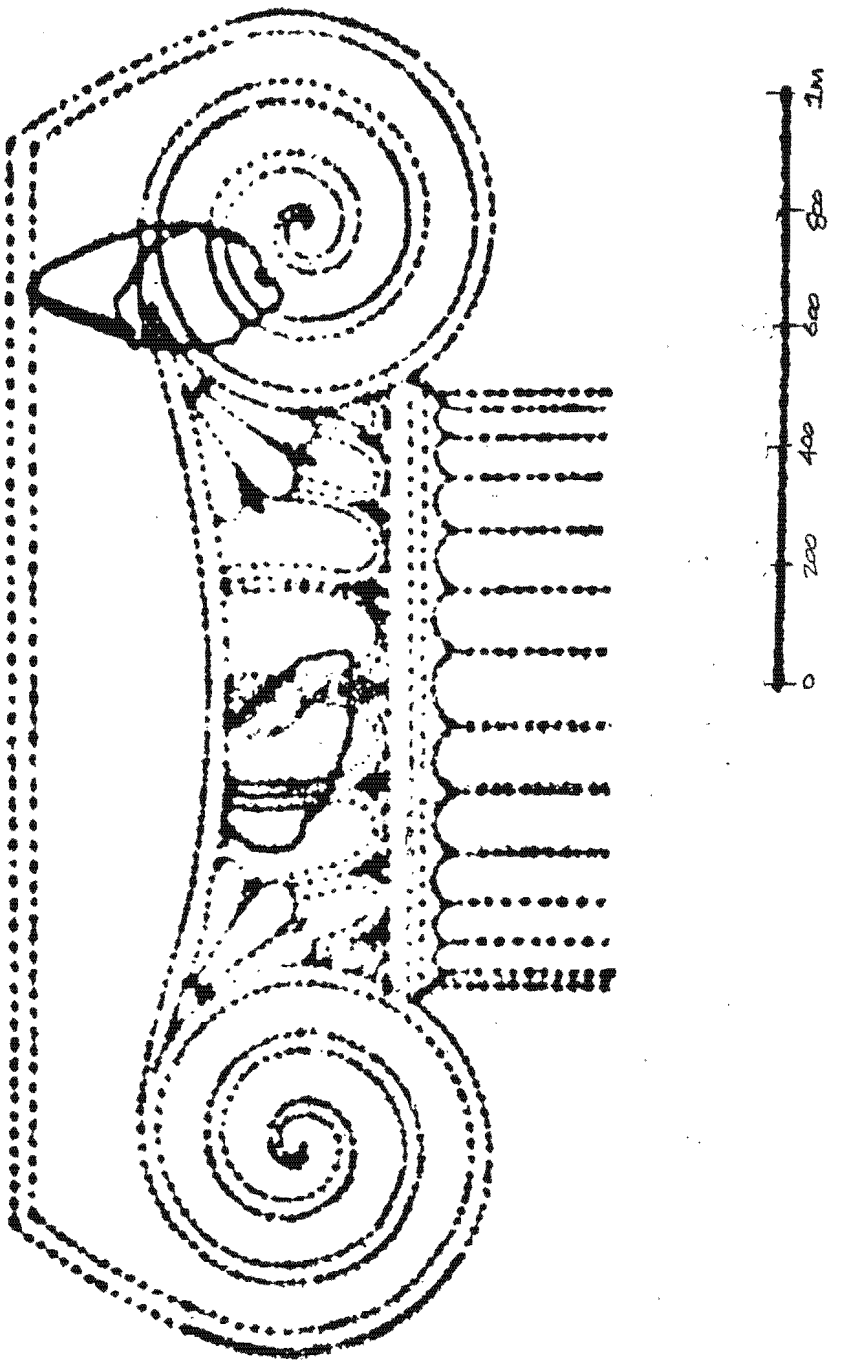


PHOTO REFERENCE: Alzinger, 1972, Fig.15.

Table 61

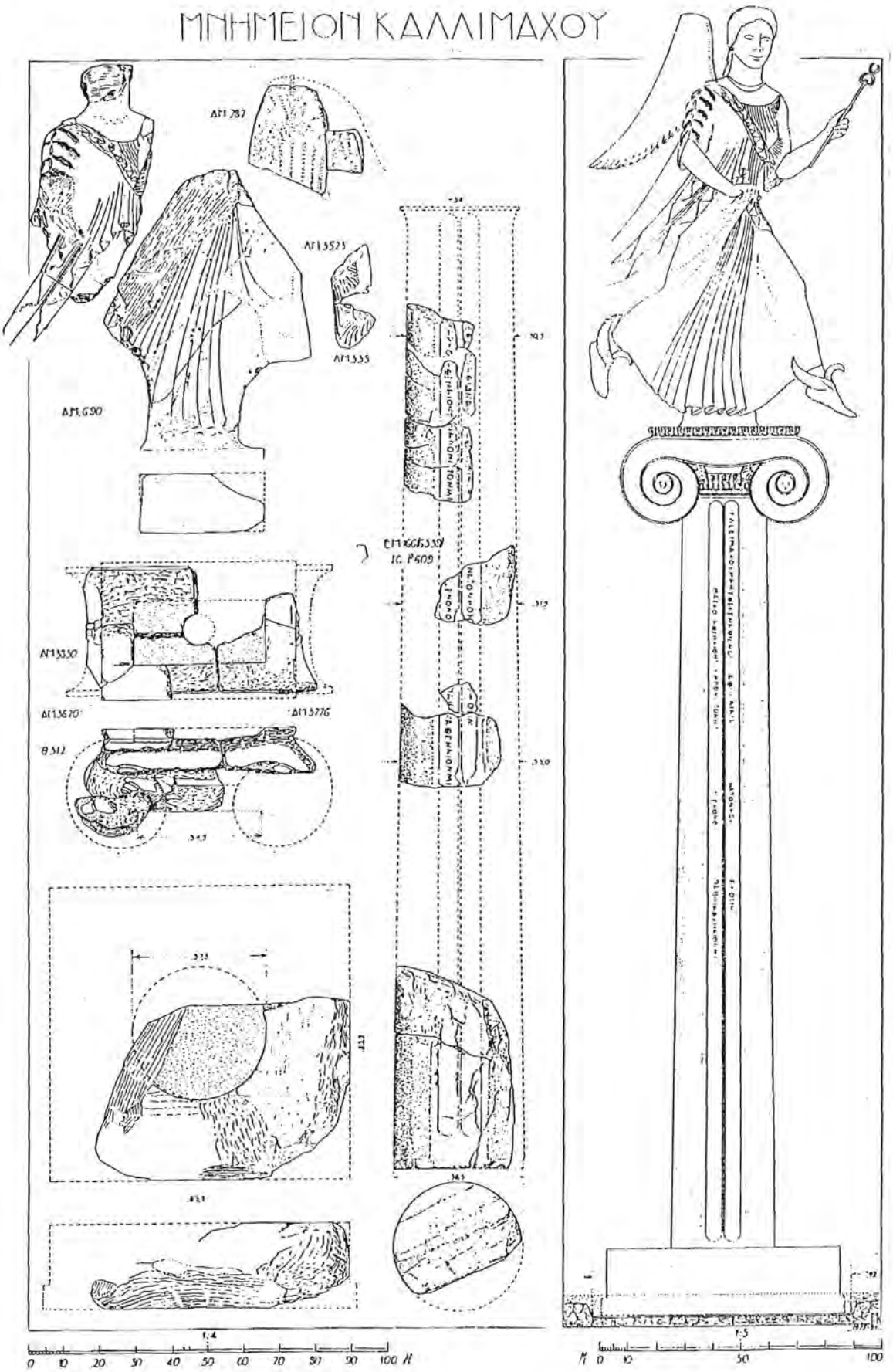




DRAWING REF: Gentili, 1967, p.Fig.18-20 [From Mace, 1978, Fig.101-3].

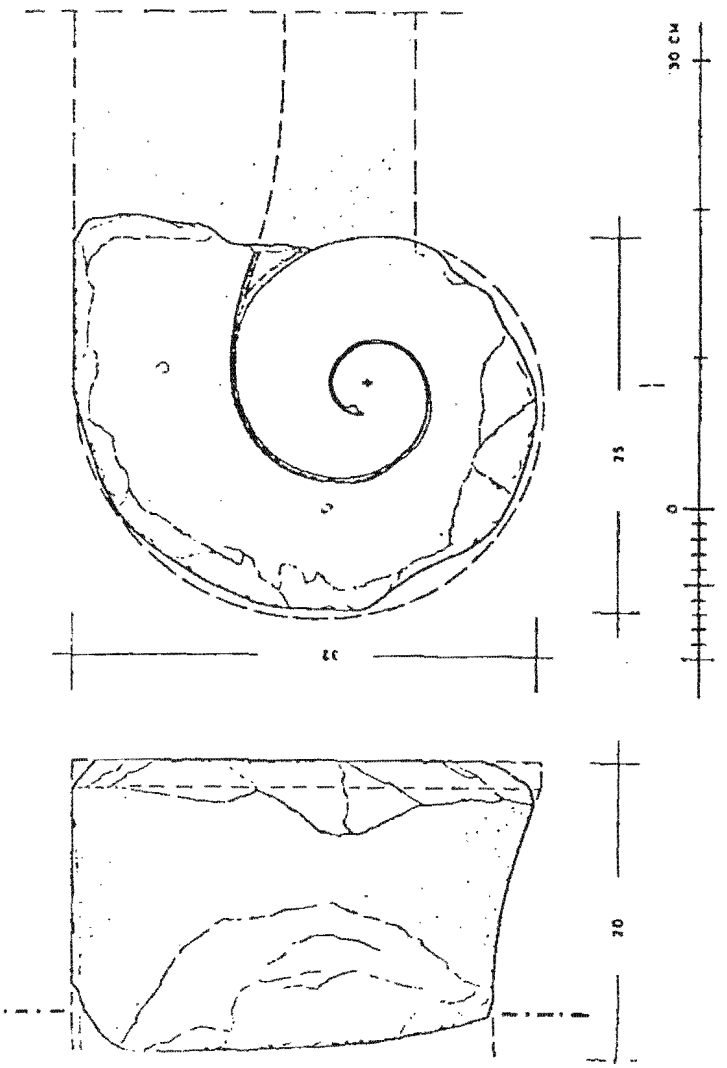
Table 62

ΜΝΗΜΕΙΟΝ ΚΑΛΛΙΜΑΧΟΥ



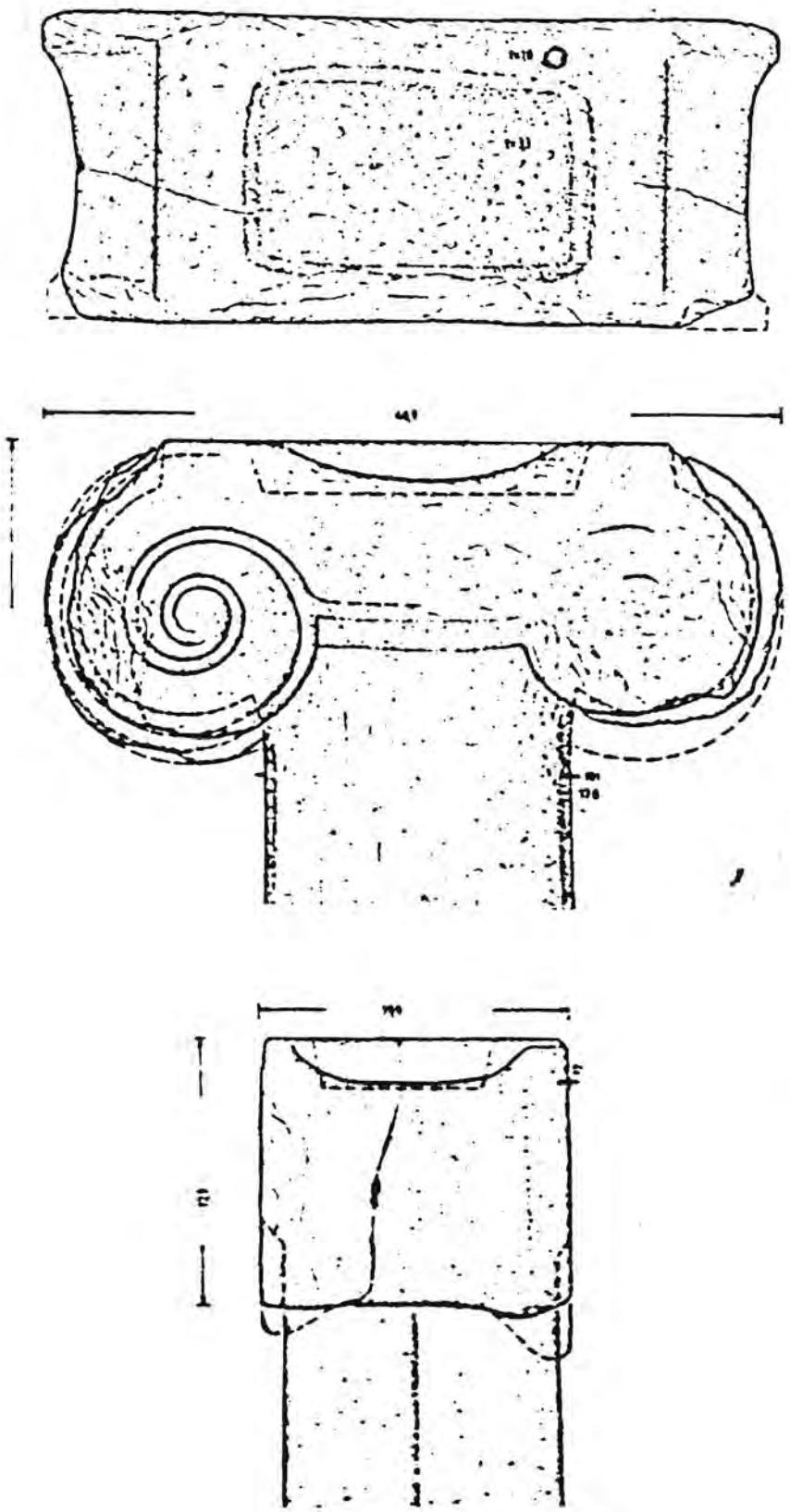
DRAWING REF: Korres in Economakis, 1994, p.174.

Table Ion-63



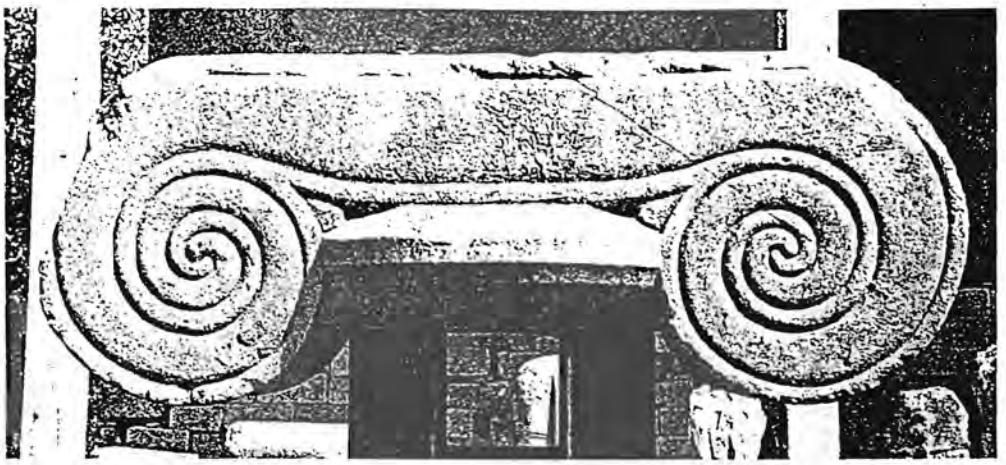
DWG/PHOTO REFERENCE: Koenigs, 1980, Fig.5.

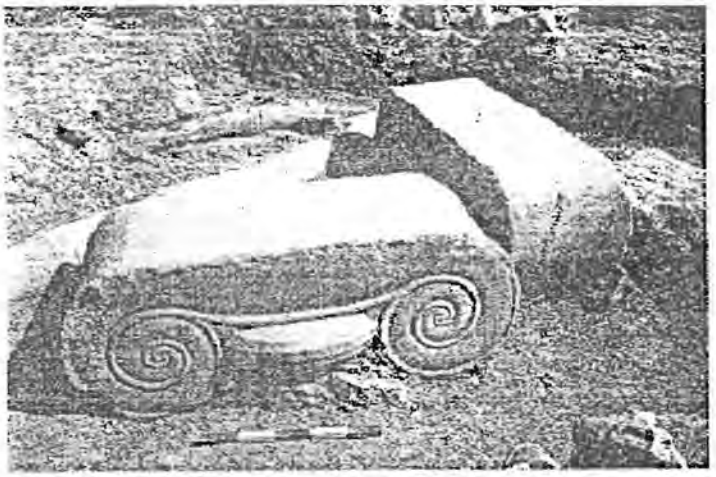
Table 64

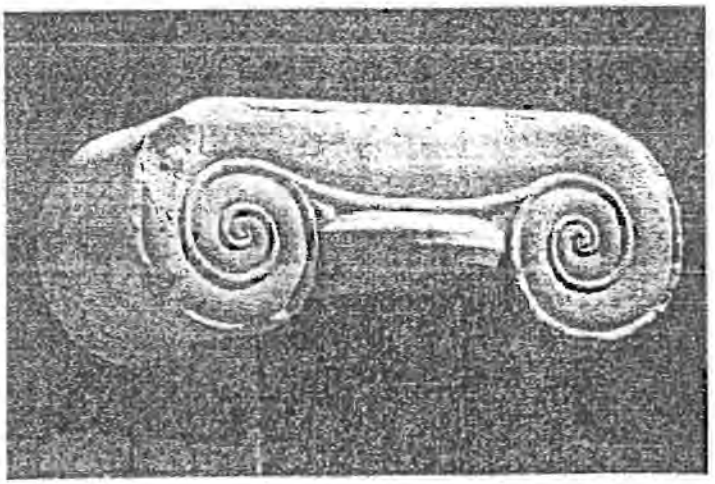


DRAWING REF: Gruben 1989, Fig.3.

Table Ion-65







DWG REFERENCE: Top: Ohnesorg, 1996, Fig.5; Bottom: Tuchelt, 1991, Fig.58-9.

Table Ion-66

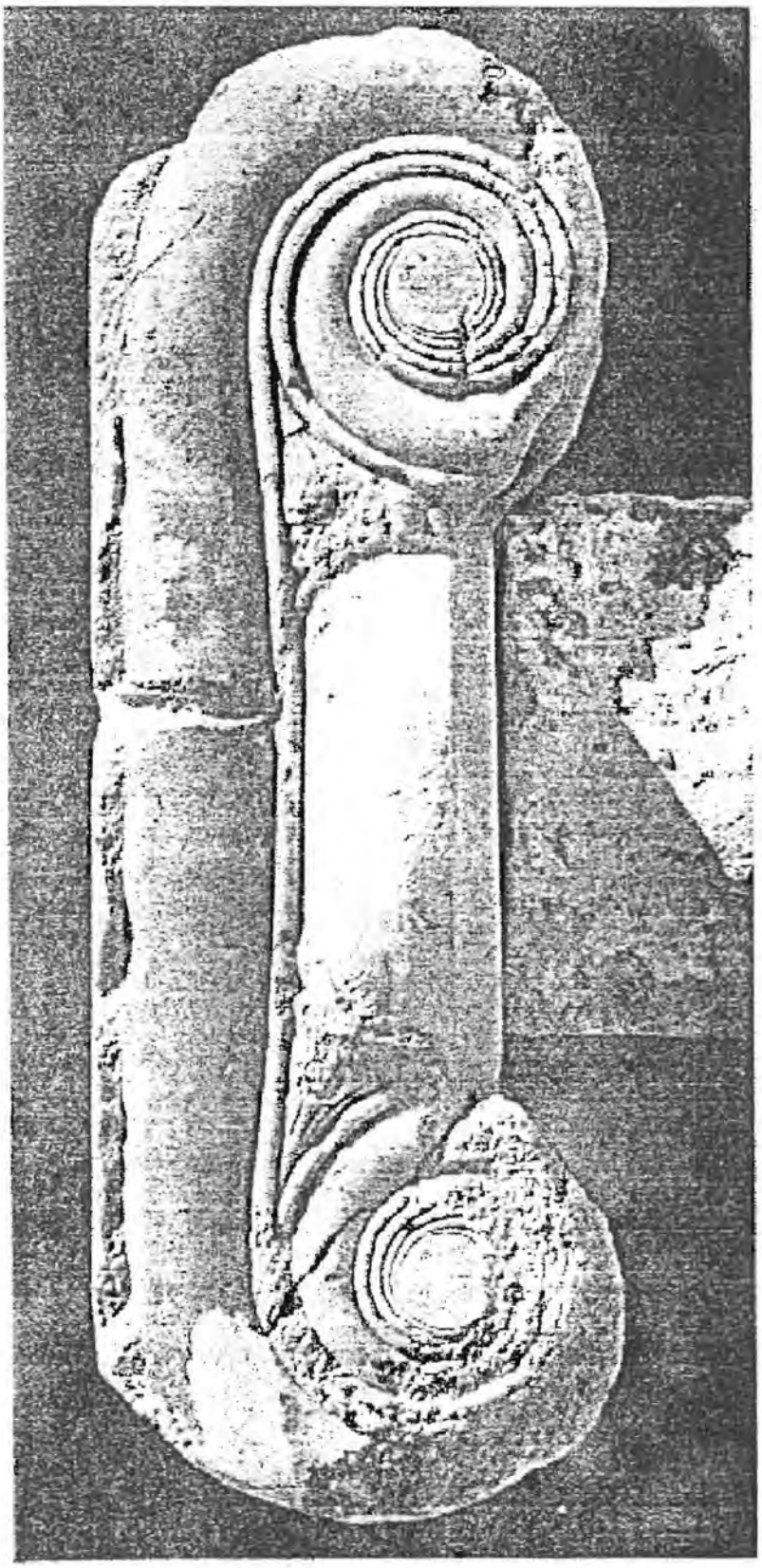
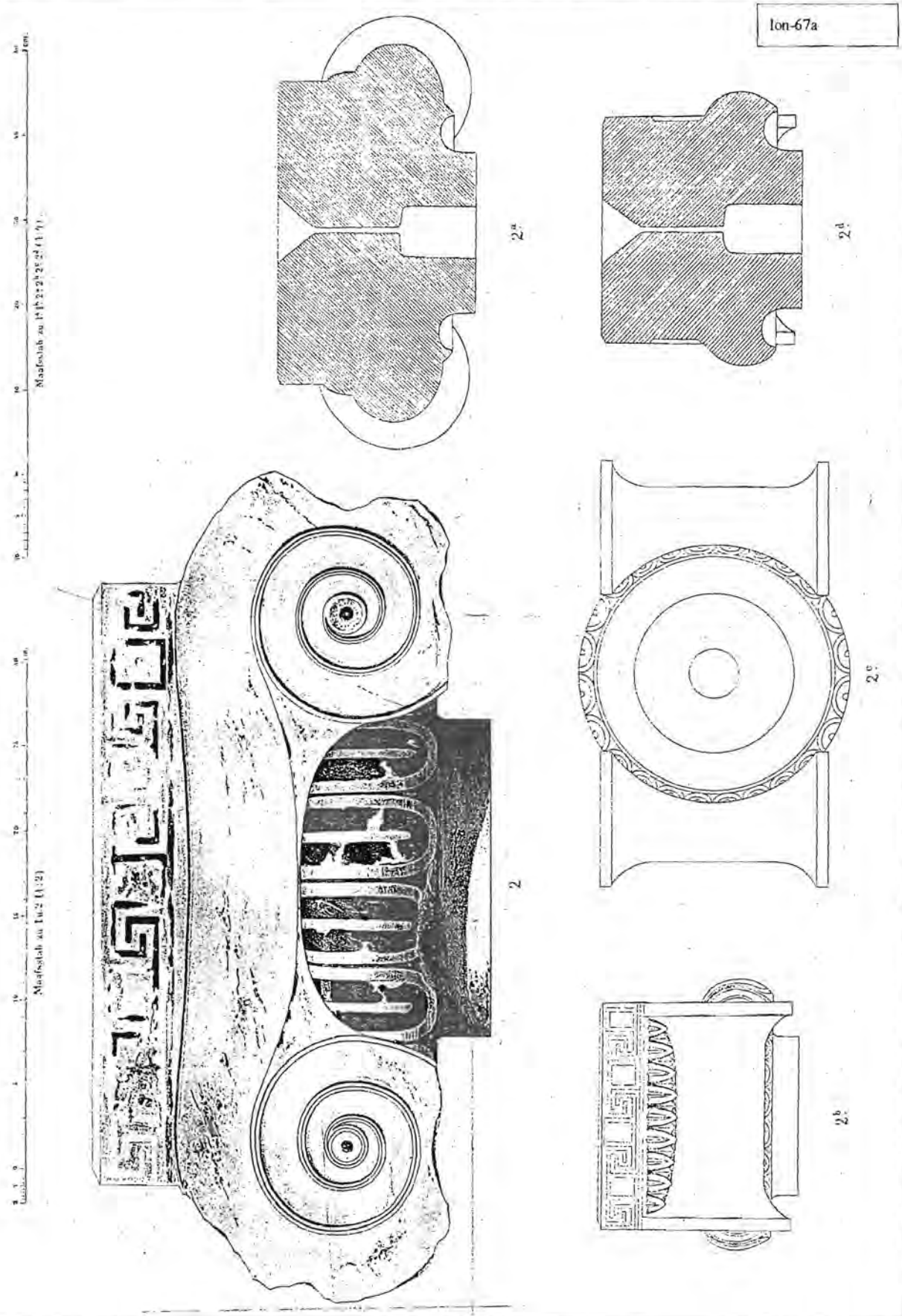


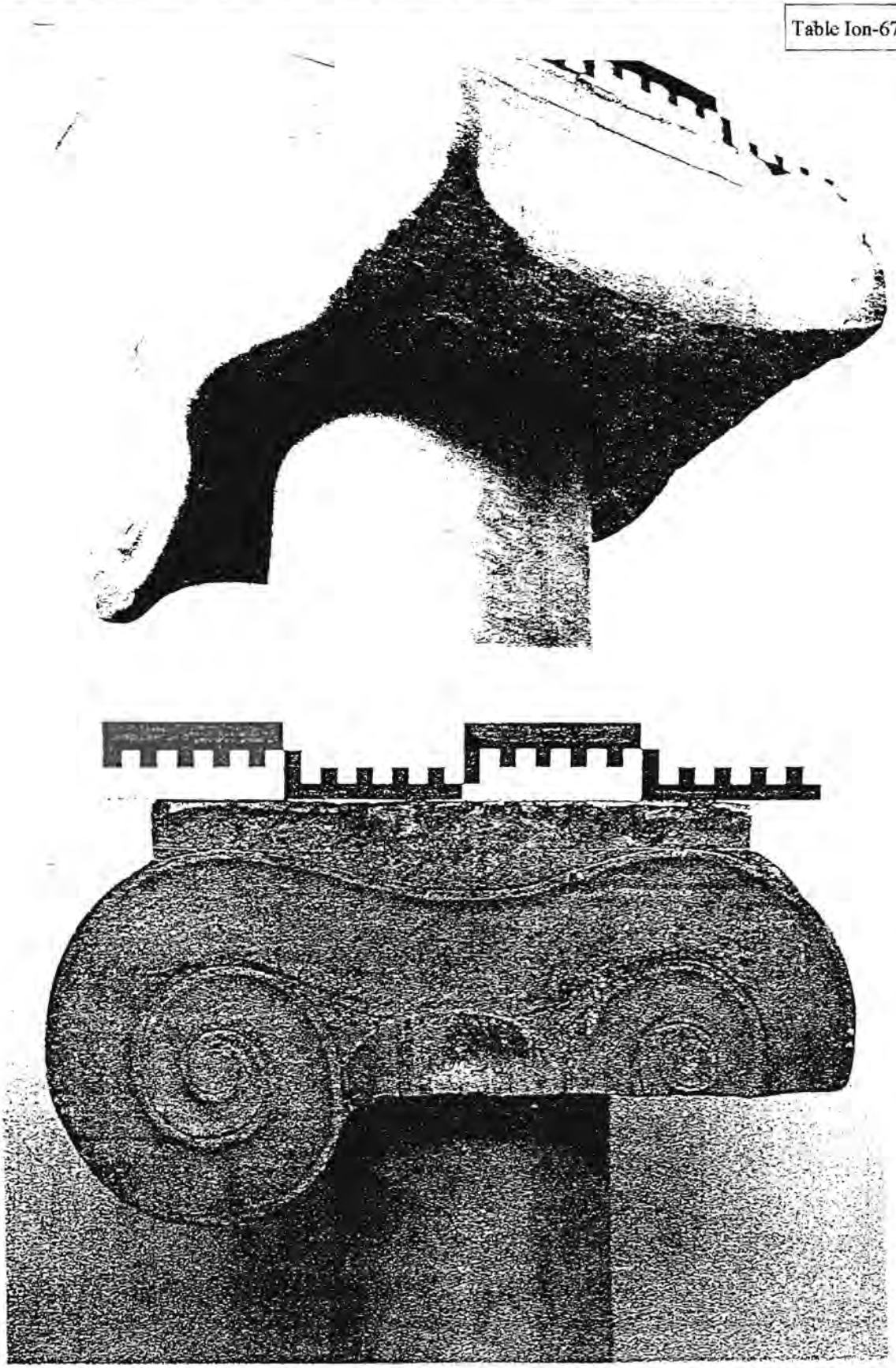
PHOTO REFERENCE: De la Coste-Messeliere, 1957, Fig.17.

Ion-67a



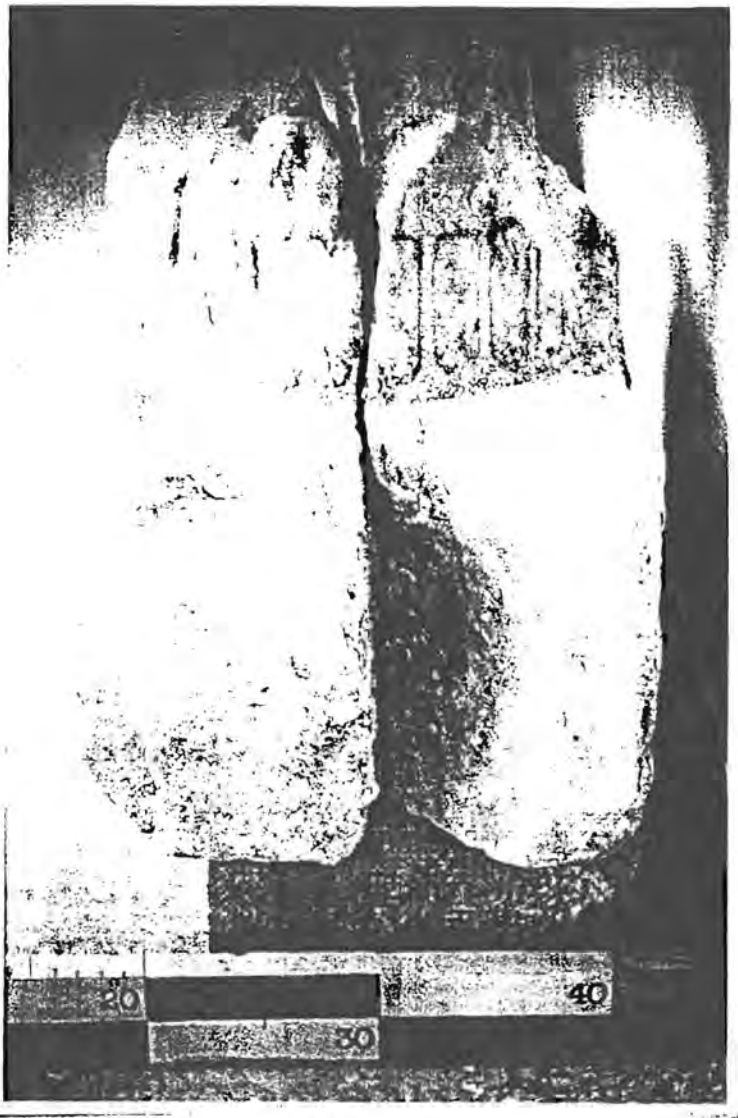
DWG REFERENCE: Borrmann, 1888, Band 1.3, Plate 2. 2a-d.

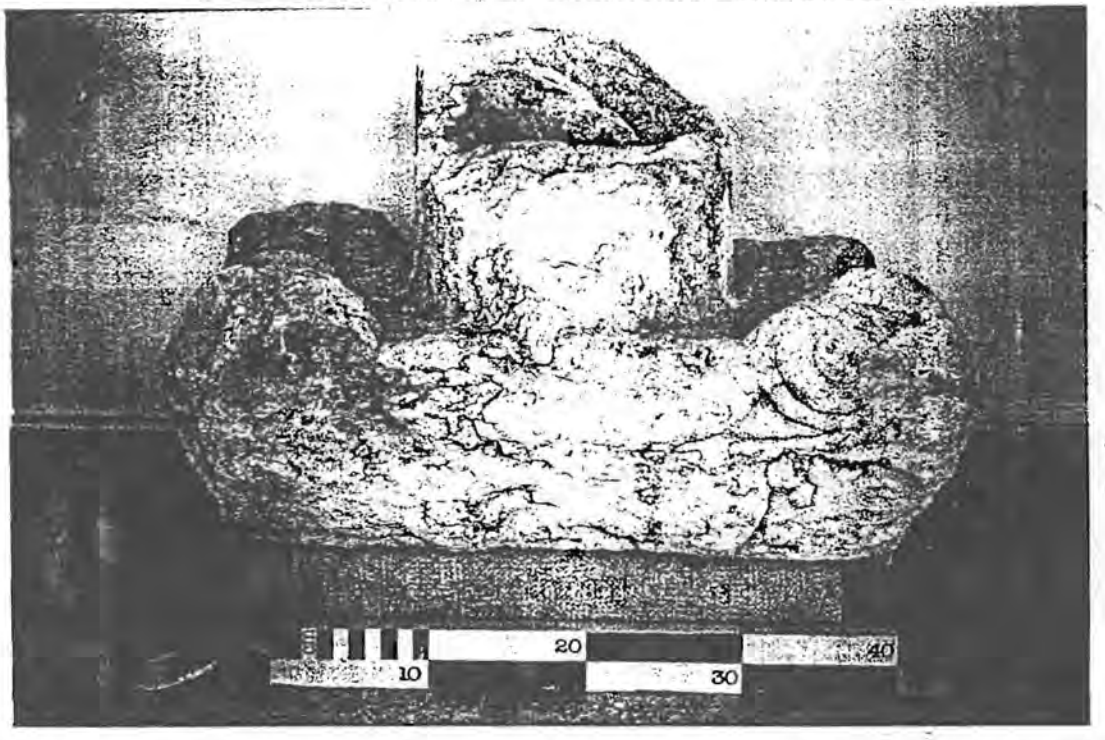
Table Ion-67b



DWG/PHOTO REFERENCE: Top and bottom: Author's own photographs.

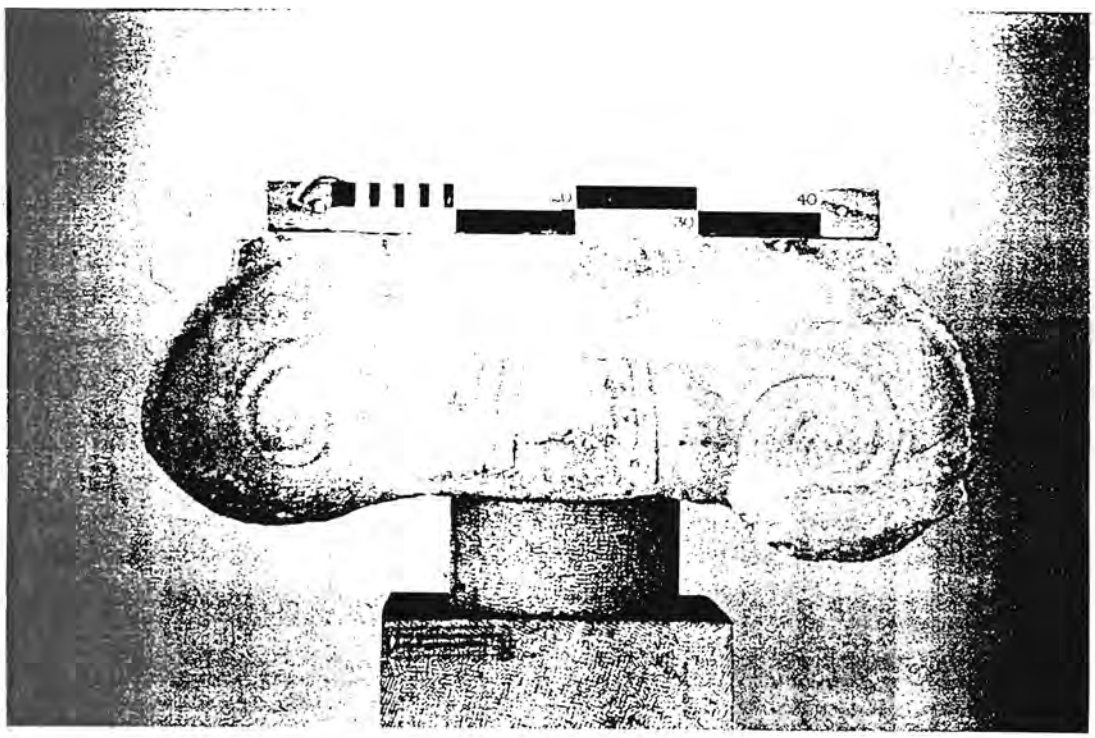
Table 68.





DRAWING REF: By the author.

Table 69



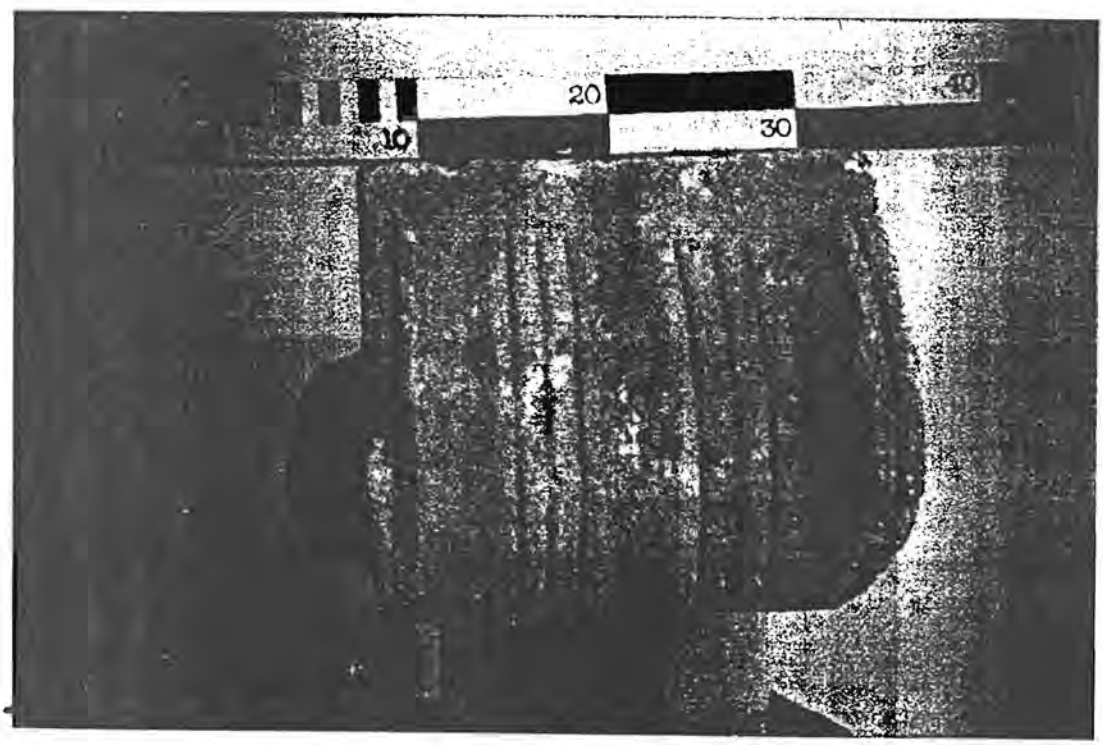
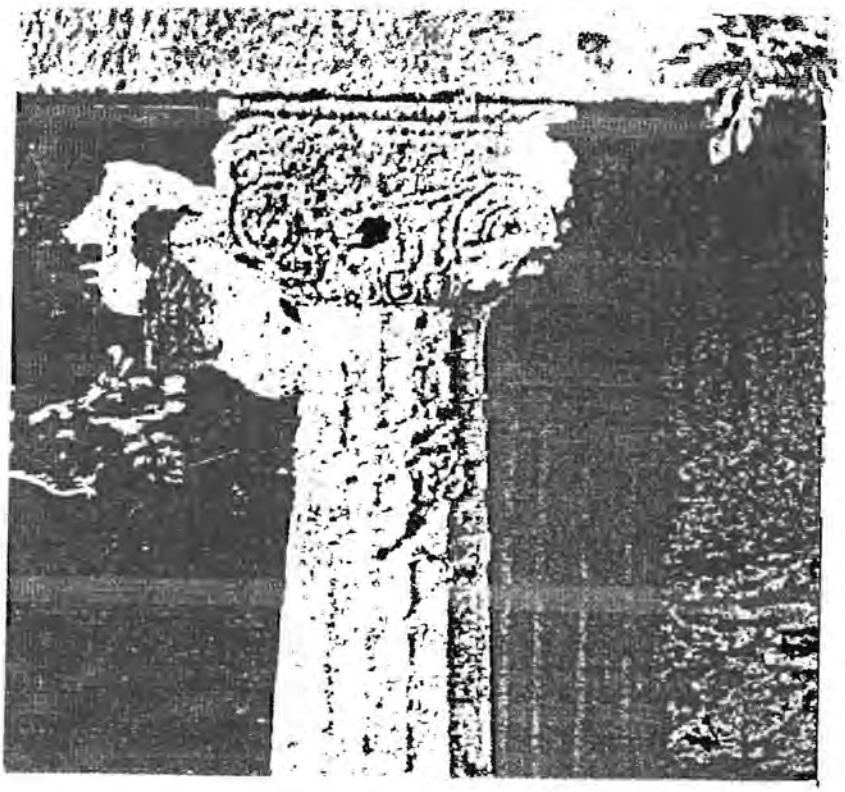


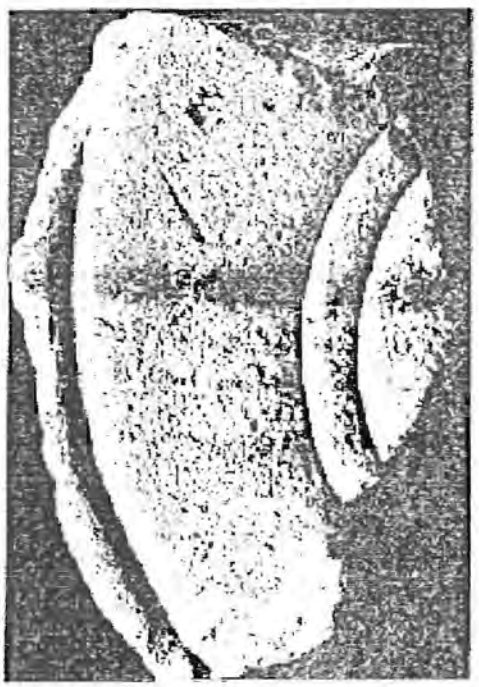
PHOTO REF: By the author.

Table Ion-72

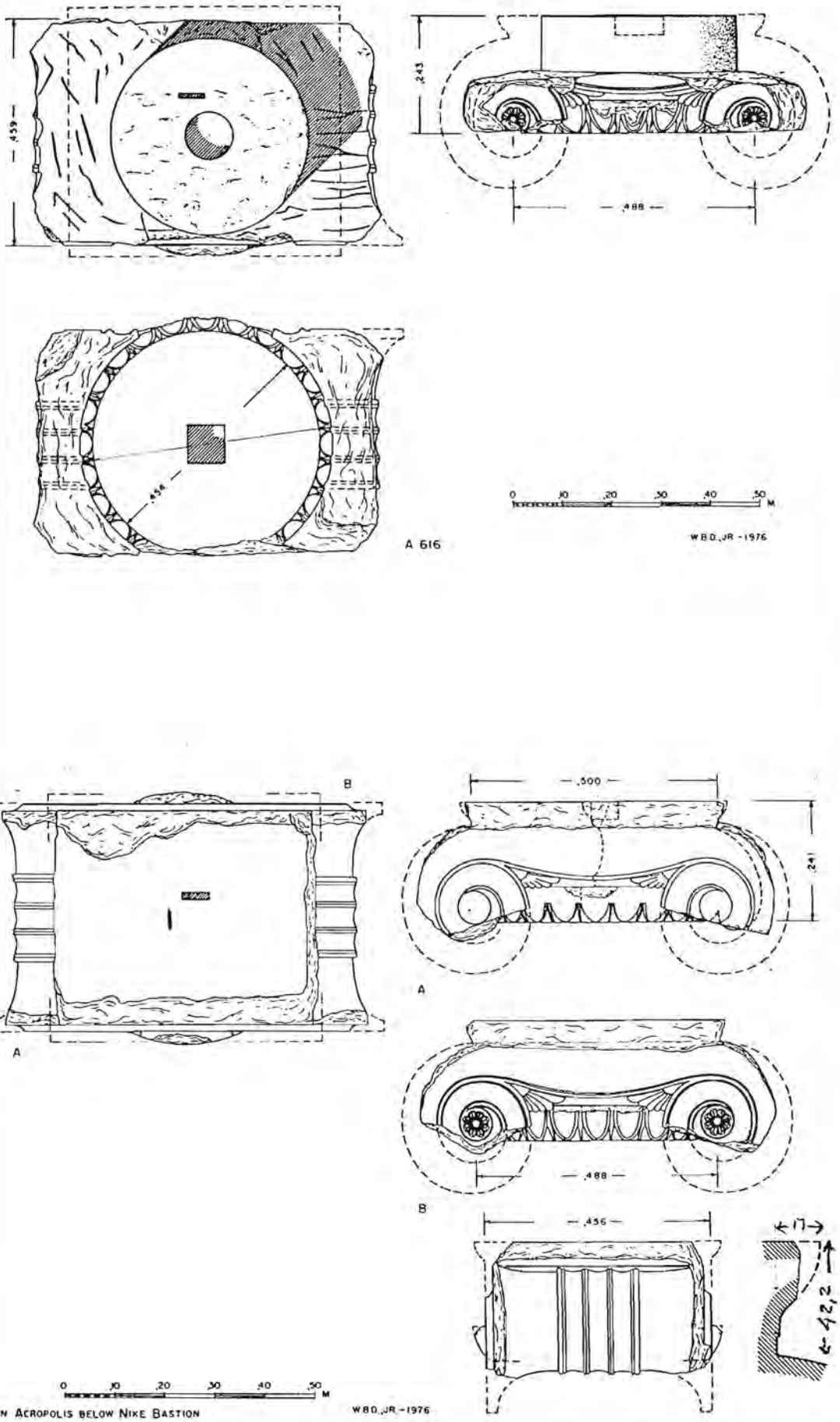


Drwg/photo reference: White, 1971, Fig.7

Table Ion-73



Drwg/photo reference: Ziegenaus, 1957, Plate 14.2.



ON ACROPOLIS BELOW NIKE BASTION

DRAWING REF: Meritt, 1982, Fig.1 and 2 [collage].

Table Ion-75

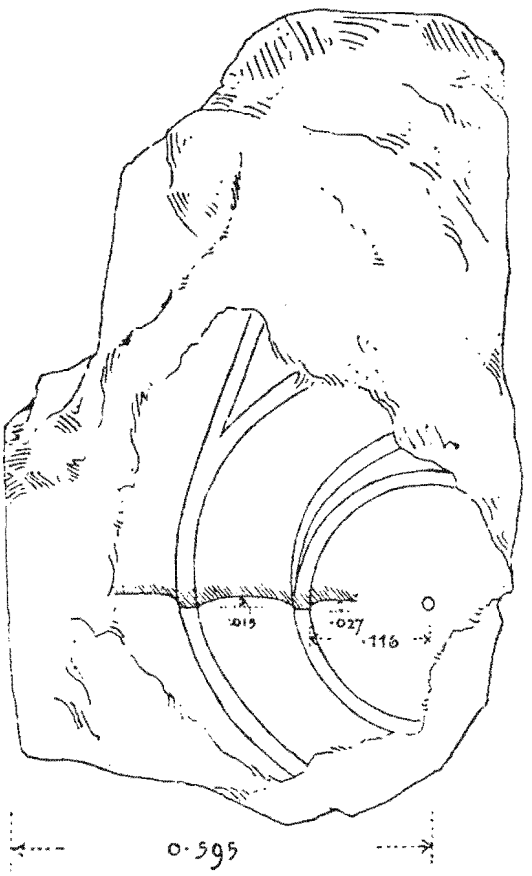
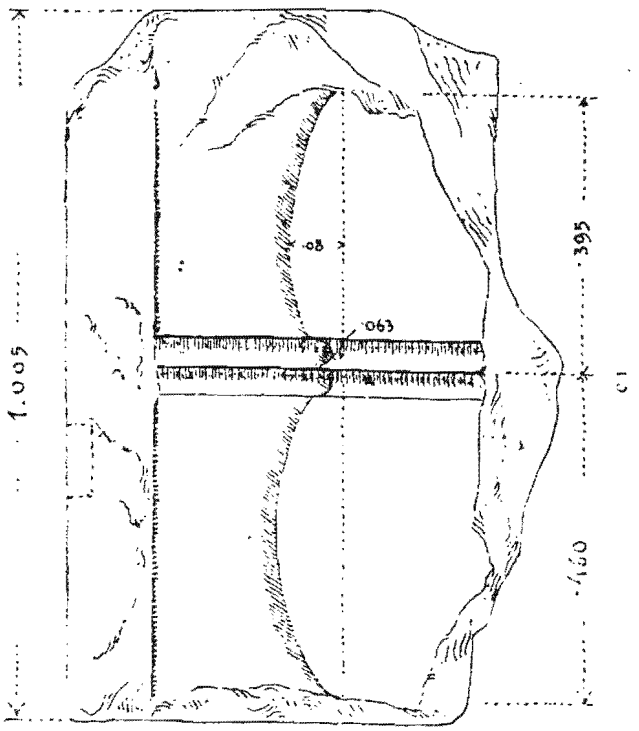
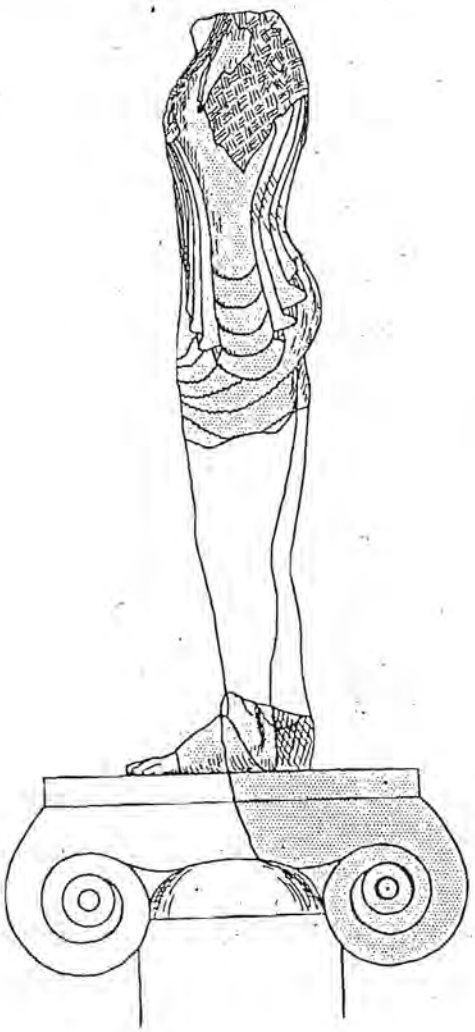


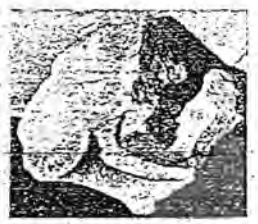
Abb. 172.



DWG REFERENCE: Wiegand, 1904a, Fig.172.c.1-2.

Table Ion-76





DWG REFERENCE: Top: Raubitschek, 1943, Fig.1, Raubitschek, 1949, Fig.5; Bottom: Raubitschek, 1943, Plate 7.5-7.

Table Ion-77

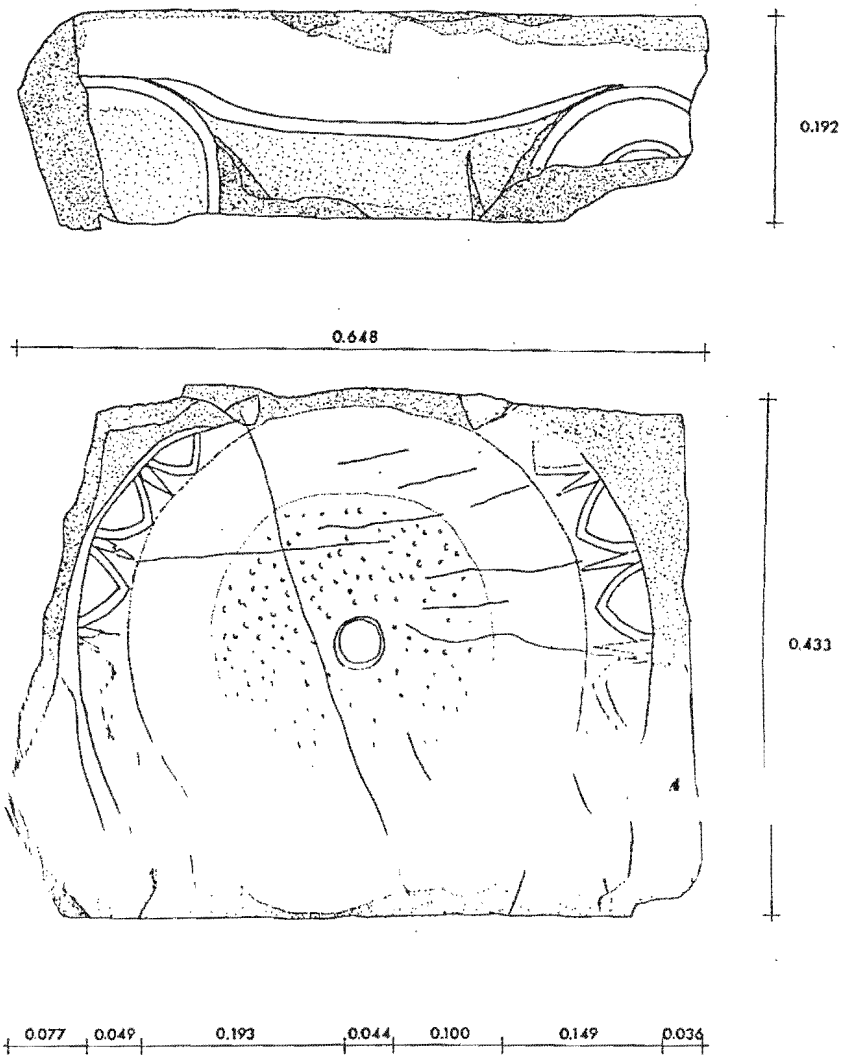


Fig. 1 : The archaic capital, front and bottom.

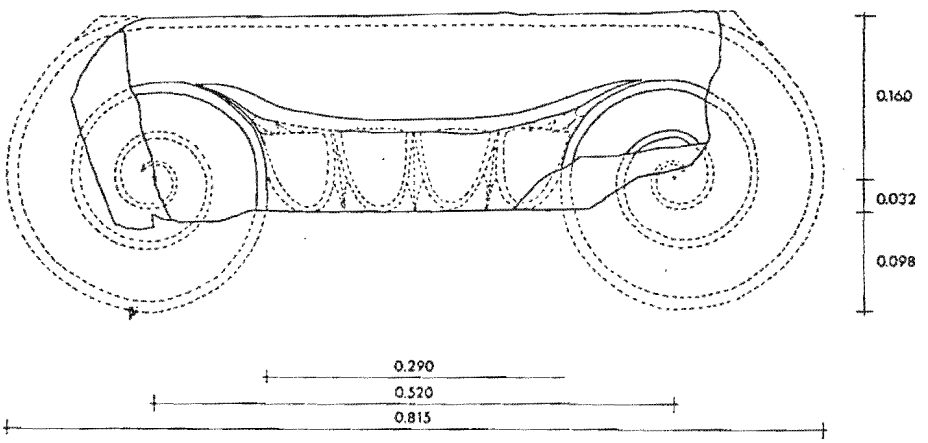
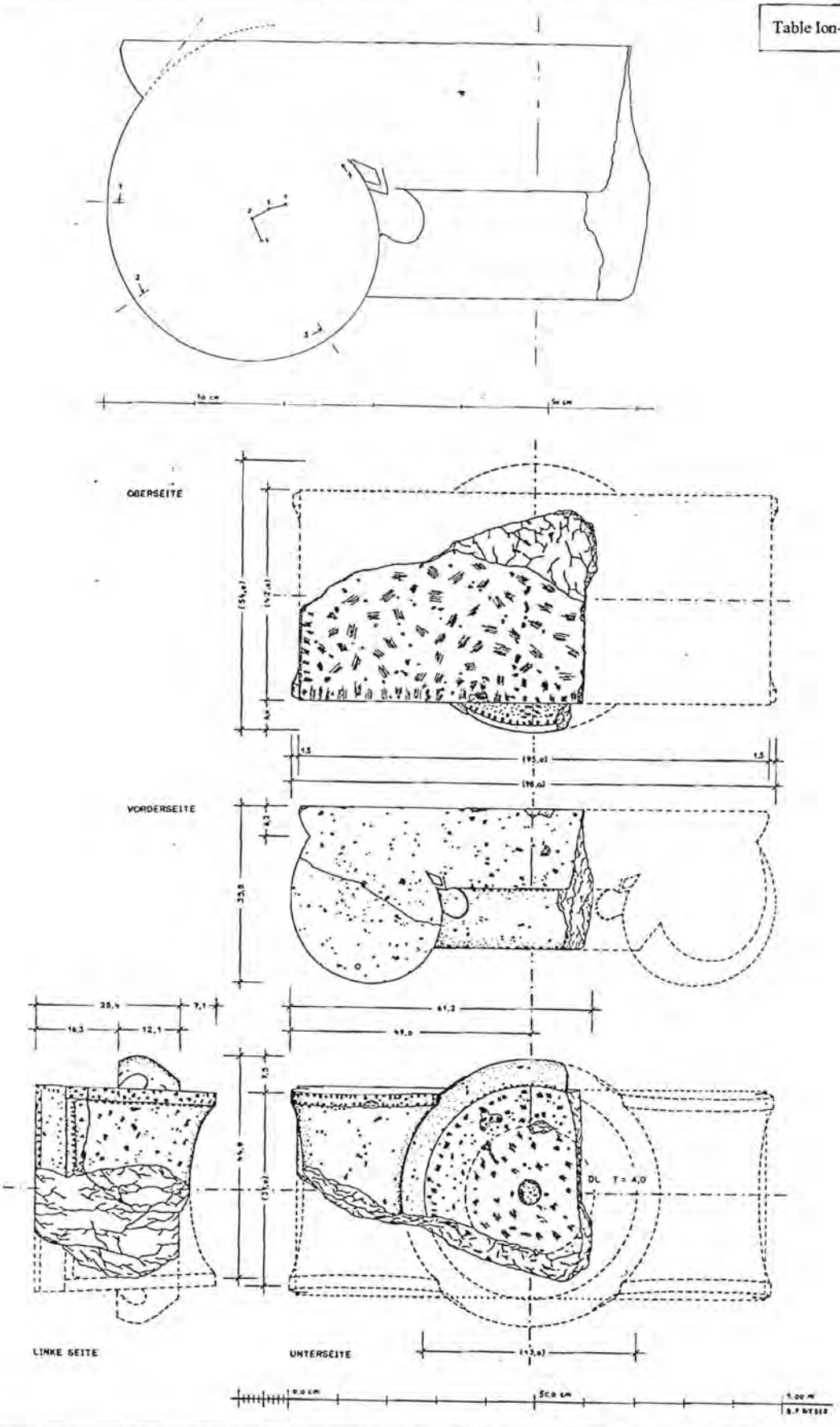


Fig. 2 : The archaic capital, restored front.

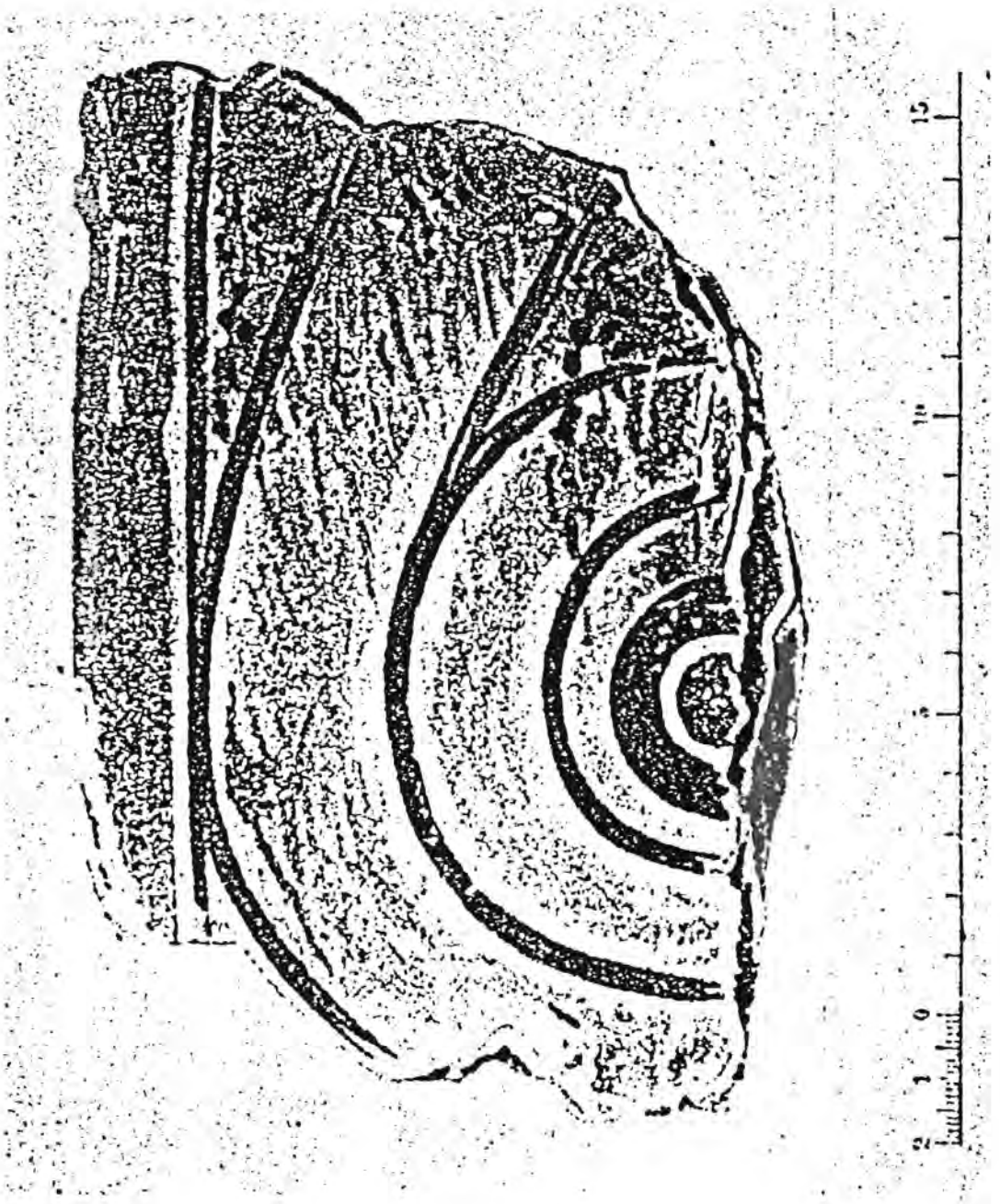
DWG REFERENCE: Thieme, 1996, Fig.1-2.

Table Ion-78



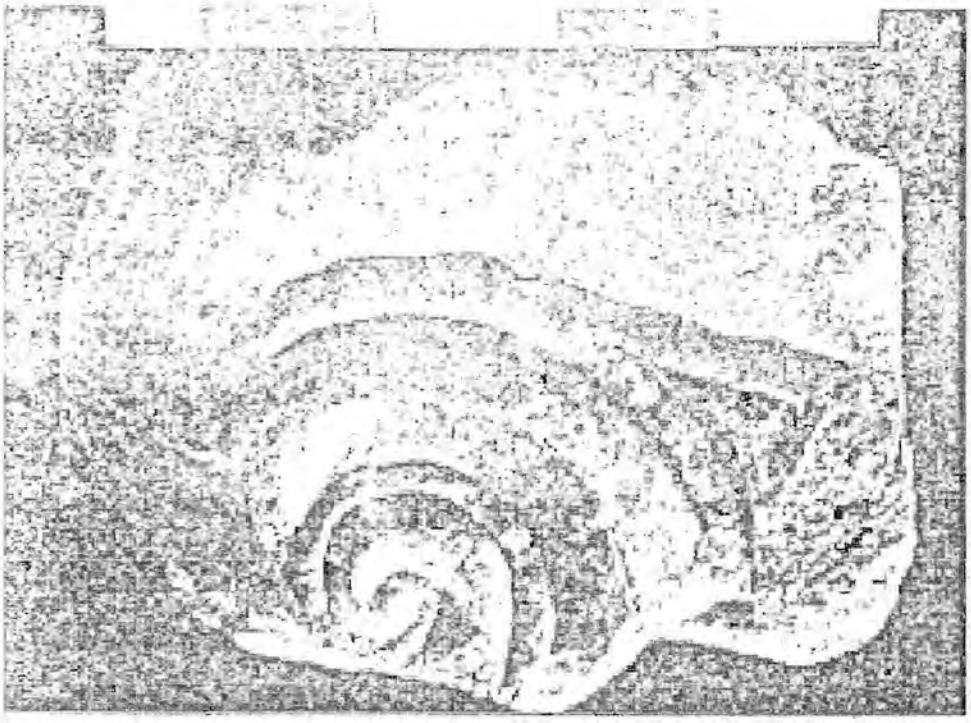
DWG REFERENCE: Top: Weber, 1996, Fig.6; Bottom: Weber, 1995, Fig.33.

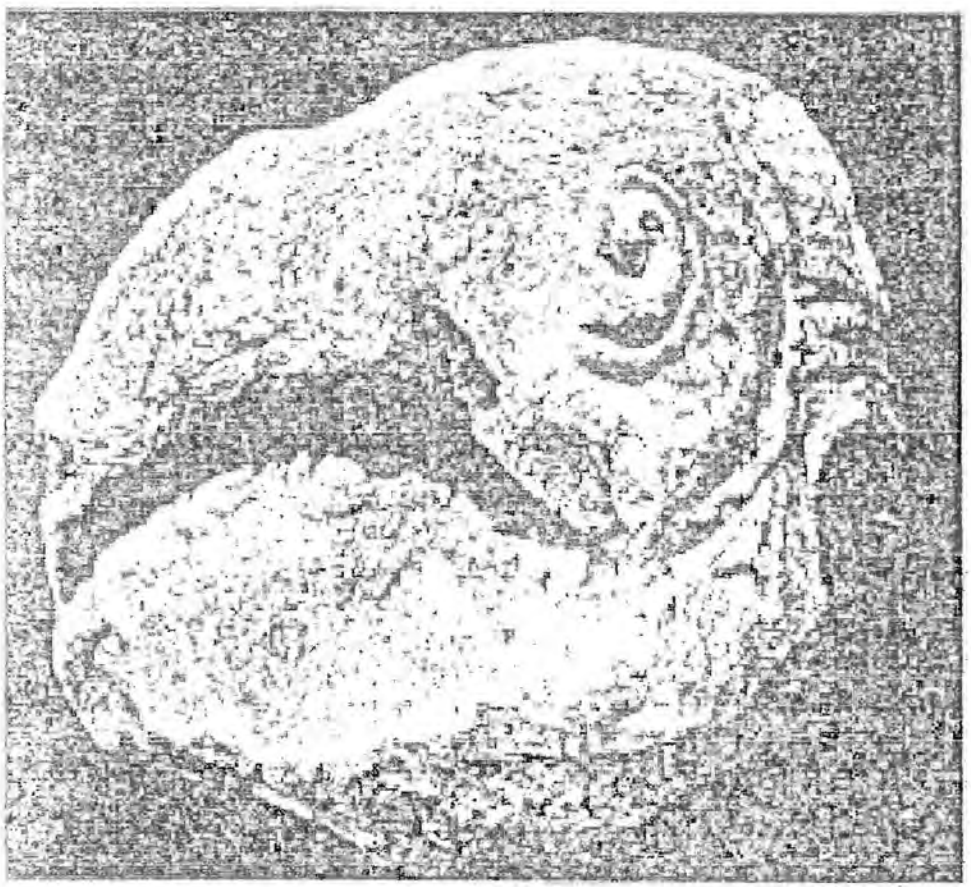
Table Ion-81



DWG REFERENCE: Bormann, 1887, Plate 18.2.

Table Ion-82





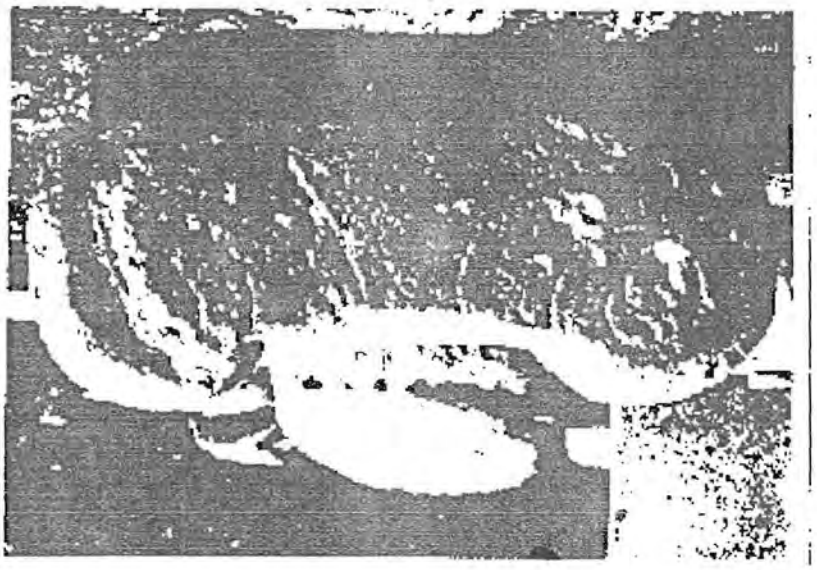
DWG REFERENCE: Gruben, 1963, Fig.32-33.

B Aeolicising capitals (Iver-) There is no capital Iver-1.

Table Iver-2

Drwg/photo reference: By author [Also see Ohnesorg, 1993, Plate XXII.4 for backside].

Table Iver-3

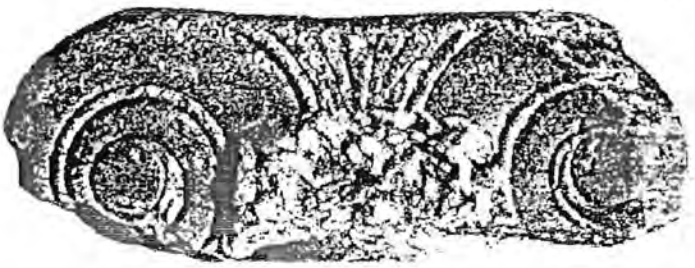


Drwg/photo reference: Martin, 1973, Fig.1

Table Iver-4

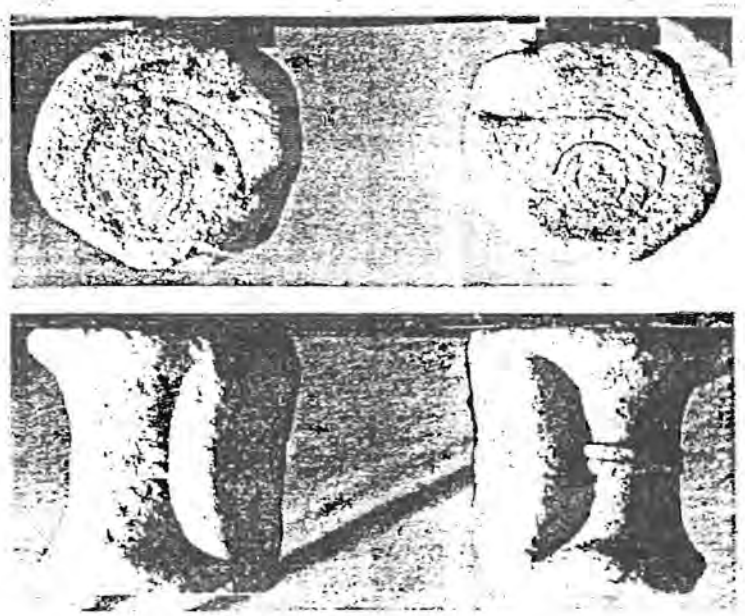
Drwg/photo reference: Martin, 1973, Fig.3.

Table Iver-5



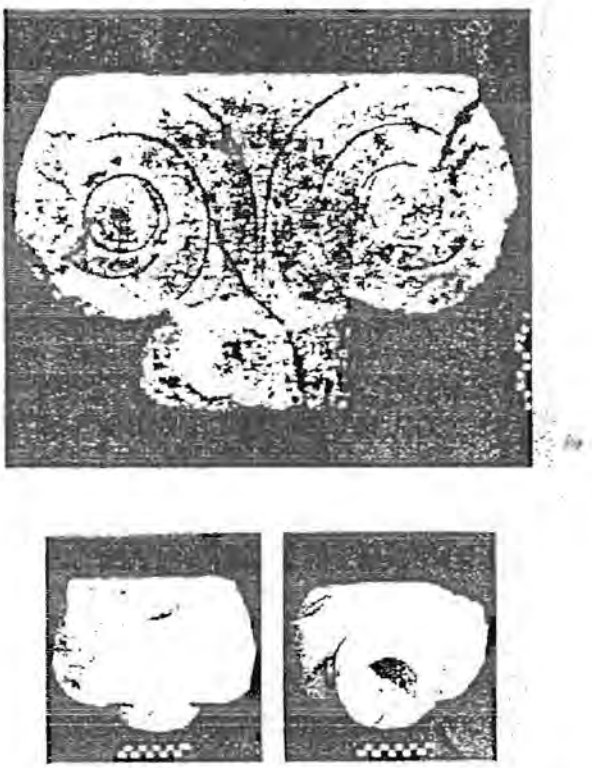
Drwg/photo reference: Gruben, 1972, Fig.35a,b [Top as Ohnesorg, 1993, Plate XXI.7].

Table Iver-6



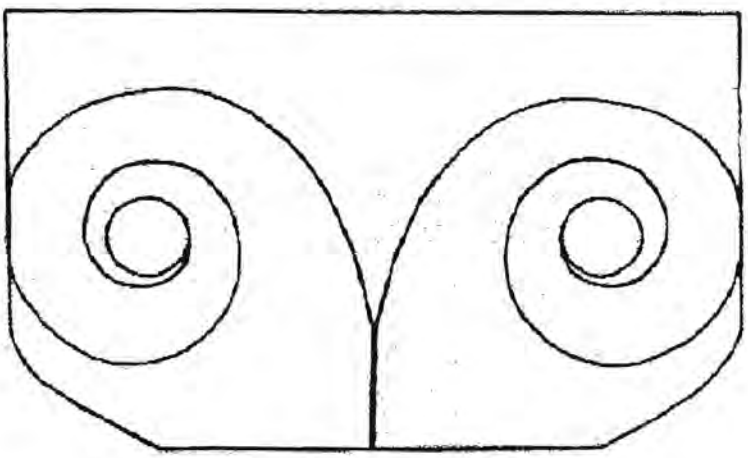
Drwg/photo reference: Gruben, 1982c, Fig.37 [As Ohnesorg, 1993, Plate XXII.1-2].

Table Iver-7



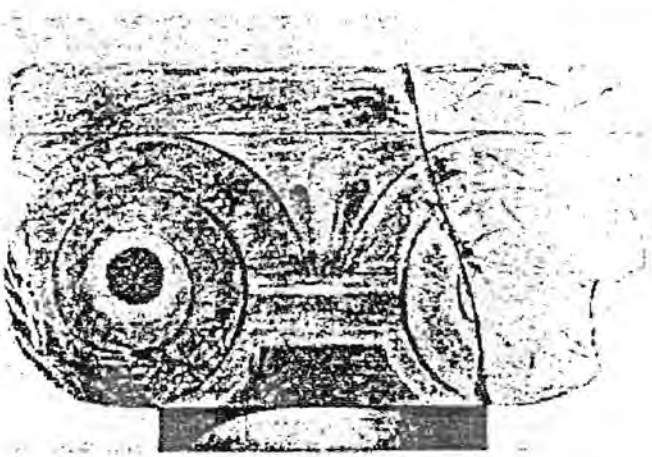
Drwg/photo reference: Betancourt, 1977, Plate 53-5.

Table Iver-8



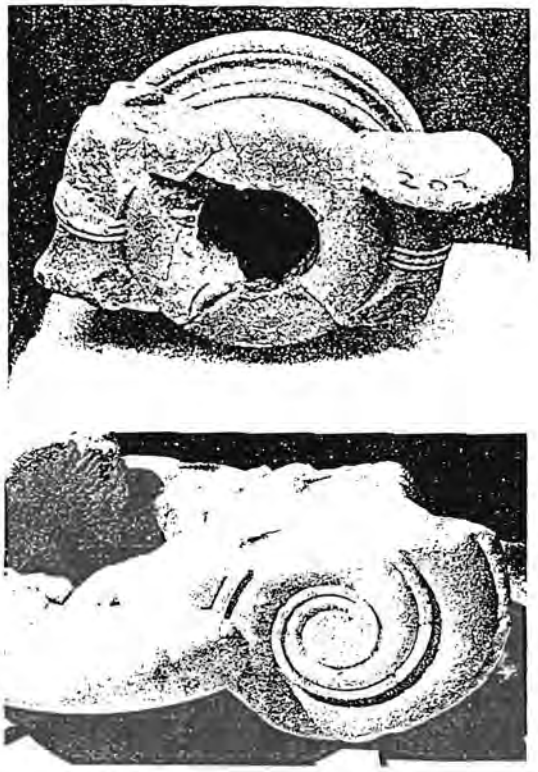
Drwg/photo reference: Betancourt, 1977, Fig.49 [From Raubitschek, *Technik und Form*, Fig.20].

Table Iver-9



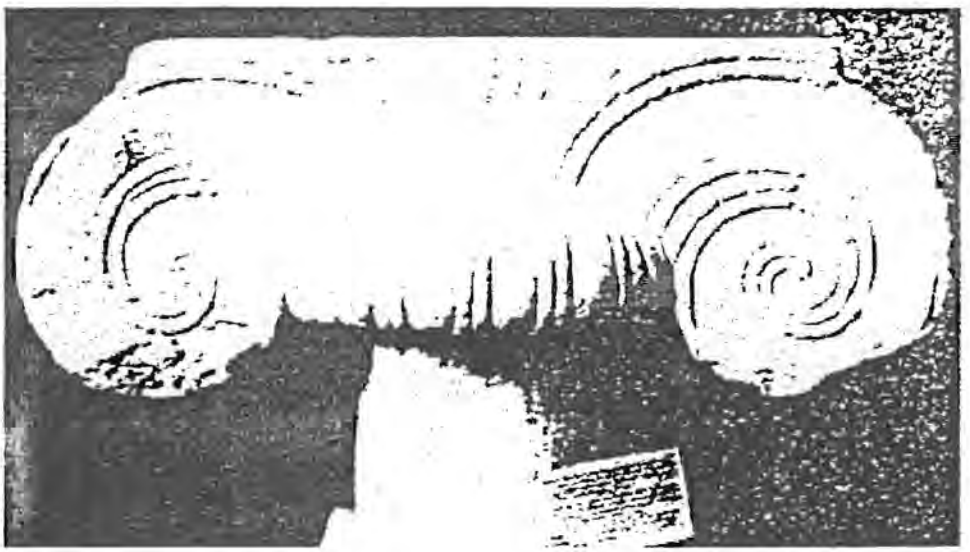
Drwg/photo reference: Top: Betancourt, 1977, Plate 56-8; Bottom: Borrmann, 1887, Plate 18.3.

Table Iver-10



Drwg/photo reference: Ohnesorg, 1996, Fig.4a,b.

Table Iver-11



Drwg/photo reference: Betancourt, 1977, Plate 67 [As Ohnesorg, 1993, Plate XXI.8 [By Korrés]].

Table Iver-12

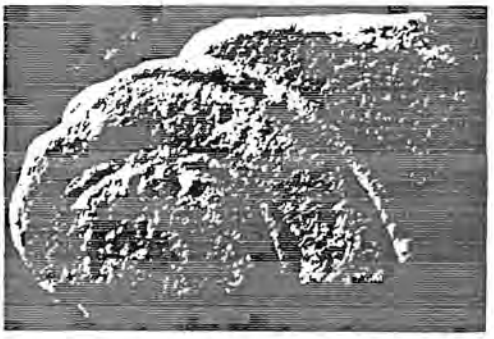


Fig. 4. – Chapiteau 3. Face.

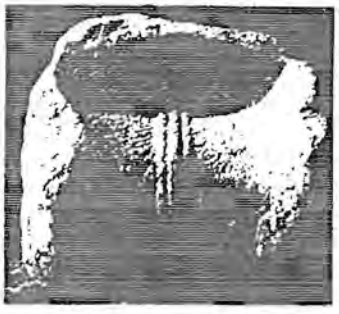
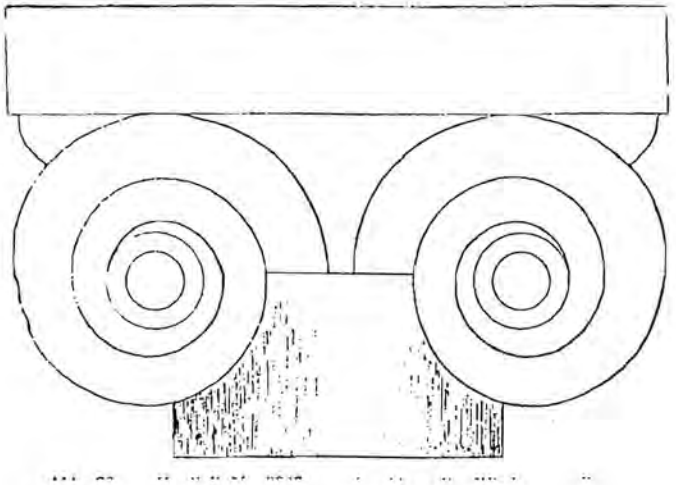


Fig. 5. – Chapiteau 3. Badigeon.

Drwg/photo reference: Martin, 1973, Fig.4-5.

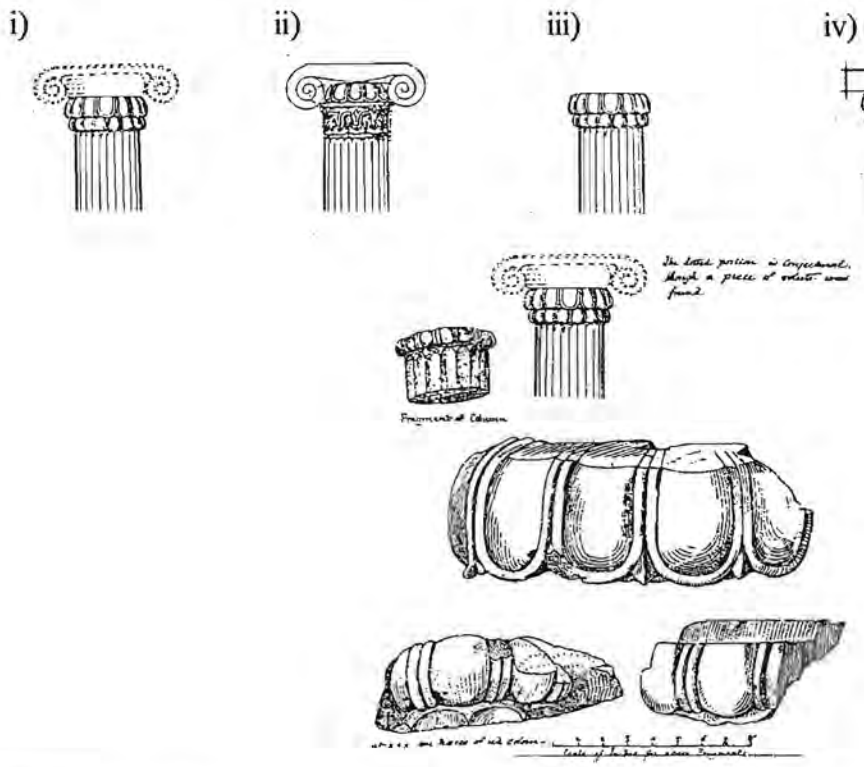
Table Iver-13



Drwg/photo reference: Raubitschek, 1938, Fig.22.

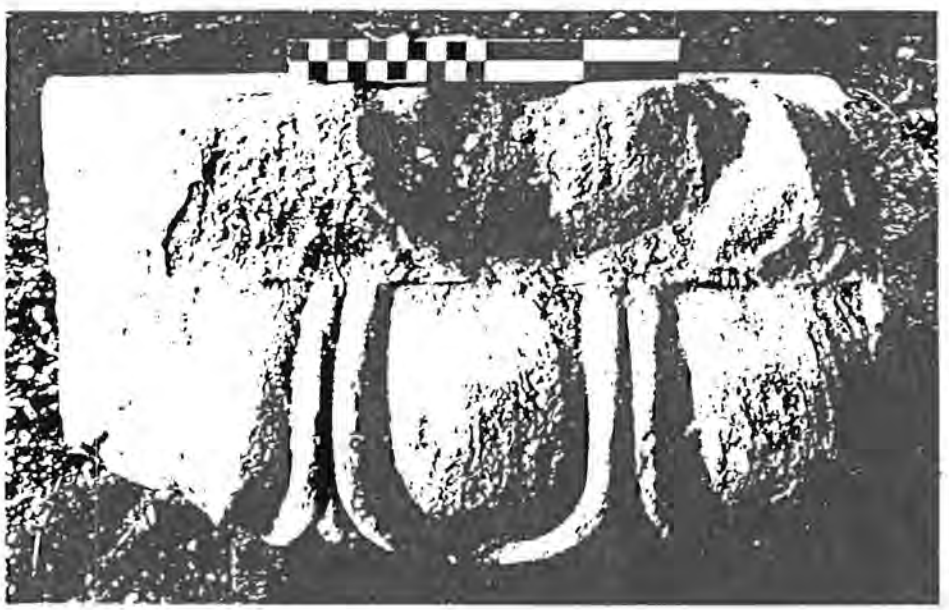
C Cyma capitals (Cym-)

Table Cym-1



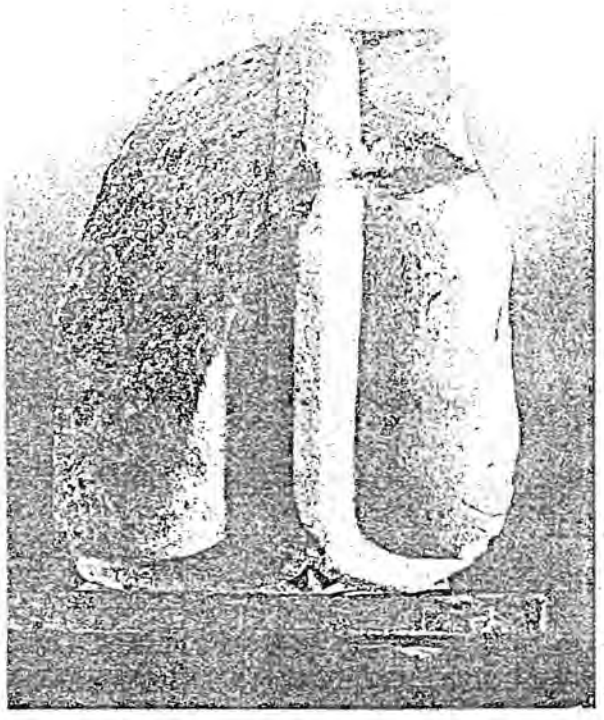
Drwg/photo reference: Top: Four reconstructions (See Cym-1); Bottom: Sections of Flinders-Petrie et al, 1886, Plate III.

Table Cym-2



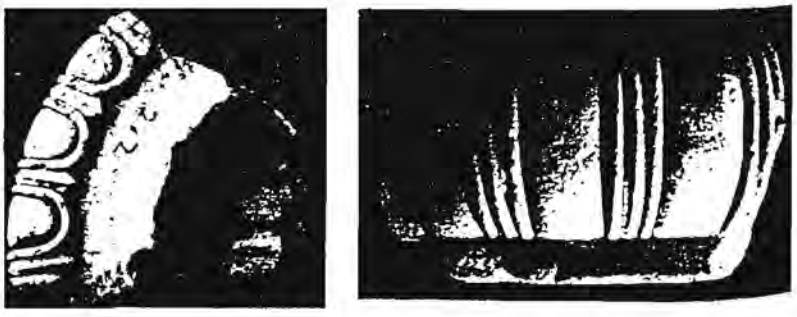
Drwg/photo reference: Wiegand, 1941a, Plate 224.1

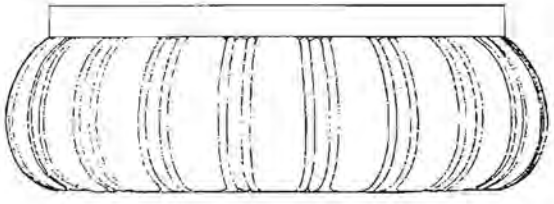
Table Cym-3



Drwg/photo reference: Wiegand, 1941a, Plate 220.

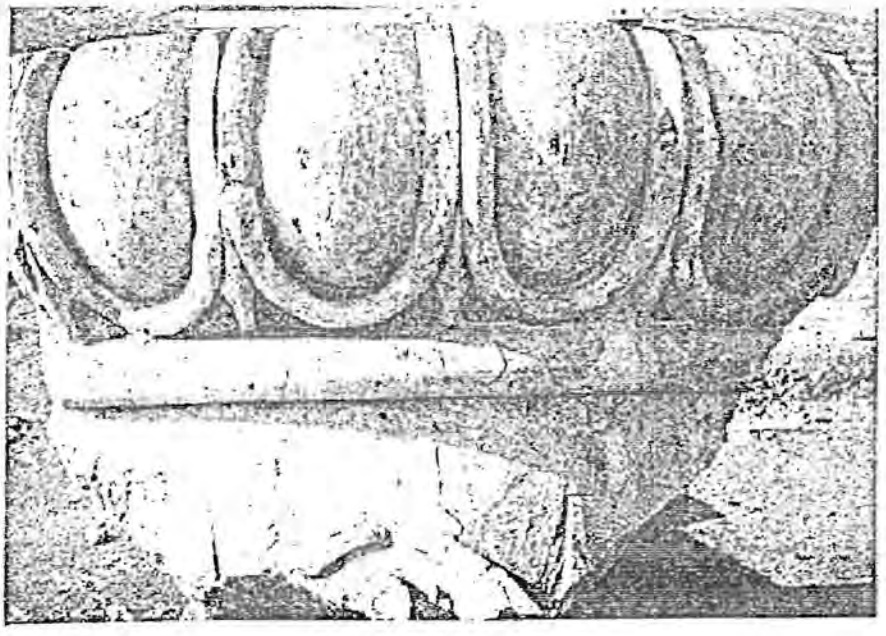
Table Cym-4





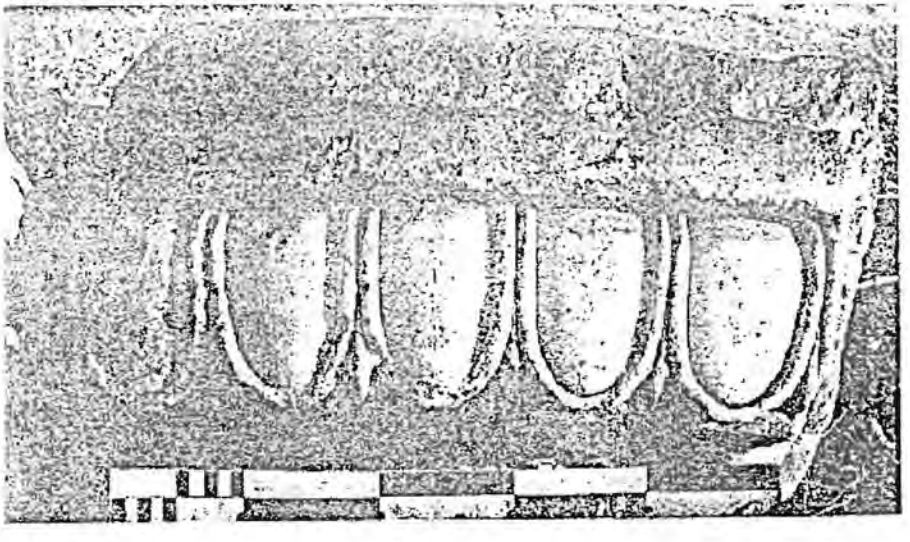
Drwg/photo reference: Martin, 1973, Fig.6-8.

Table Cym-5



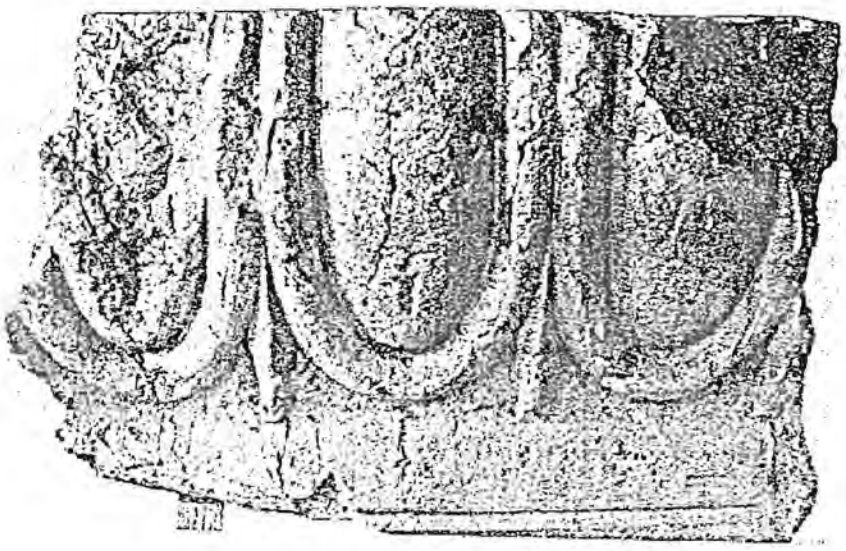
Drwg/photo reference: Buschor, 1957, Beil.11.2

Table Cym-6



Drwg/photo reference: Wiegand, 1941a, Plate 220.

Table Cym-7

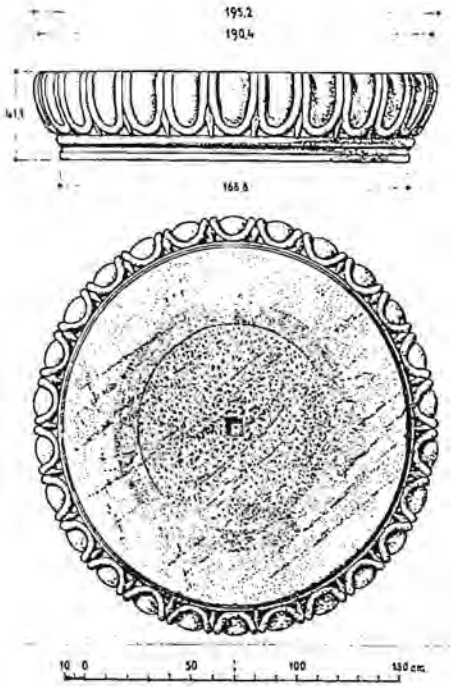


Drwg/photo reference: Buschor, 1957, Beil.21.1.

Table Cym-8

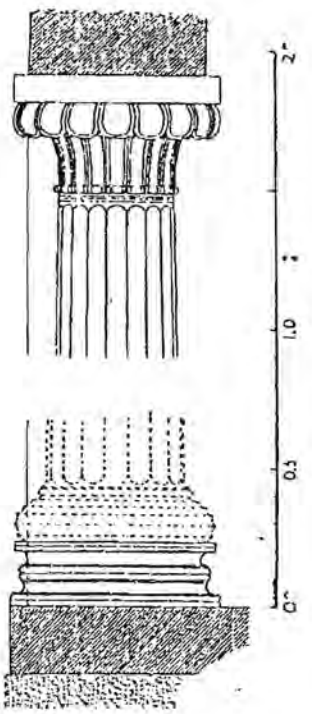
Drwg/photo reference: Akurgal, 1962, Plate 101.23.

Table Cym-9



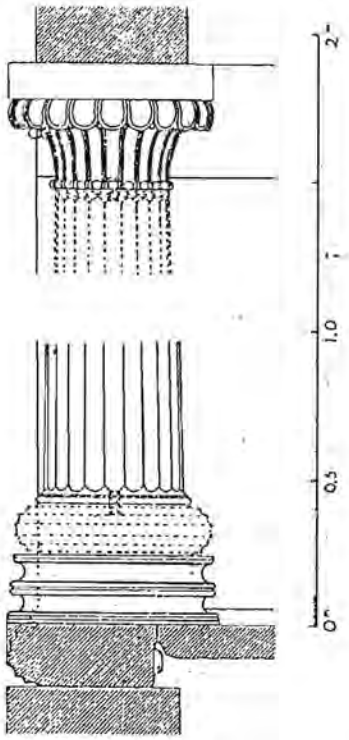
Drwg/photo reference: Reuther, 1957, Drw.39.

Table Cym-10



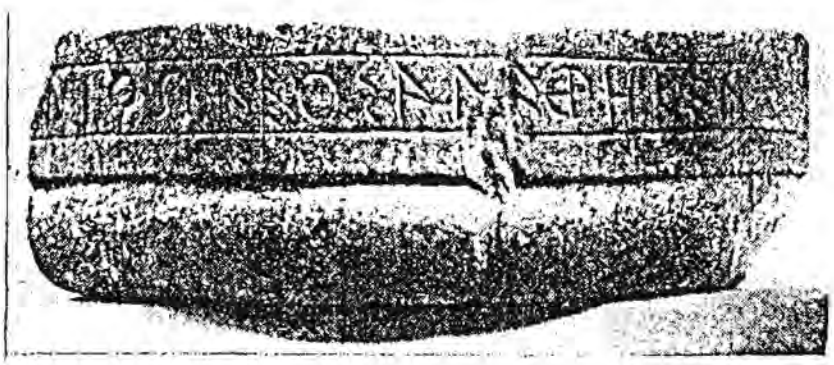
Drwg/photo reference: Dinsmoor, 1913, Fig.3.

Table Cym-11



Drwg/photo reference: Dinsmoor, 1913, Fig.3.

Table Cym-12

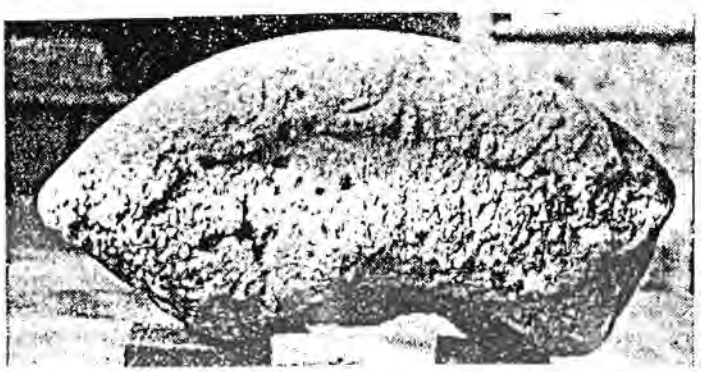


Drwg/photo reference: Ohnesorg, 1993, Plate XX.1, 3.

Table Cym-13

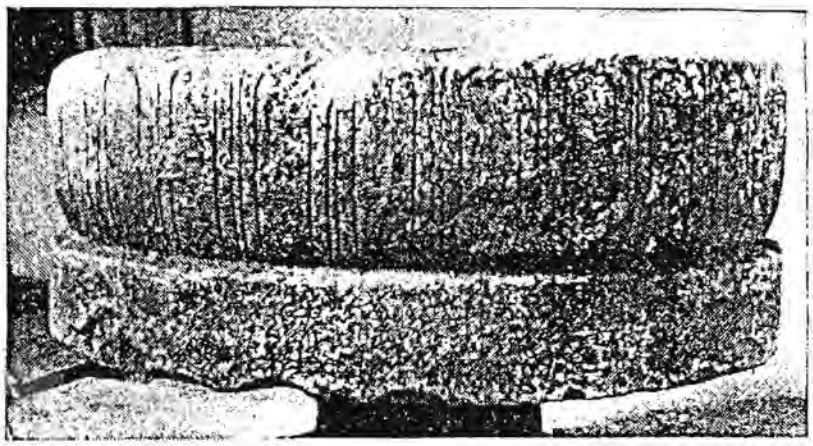
Drwg/photo reference: De la Coste-Messeliere, 1957, Plate 55.

Table Cym-14



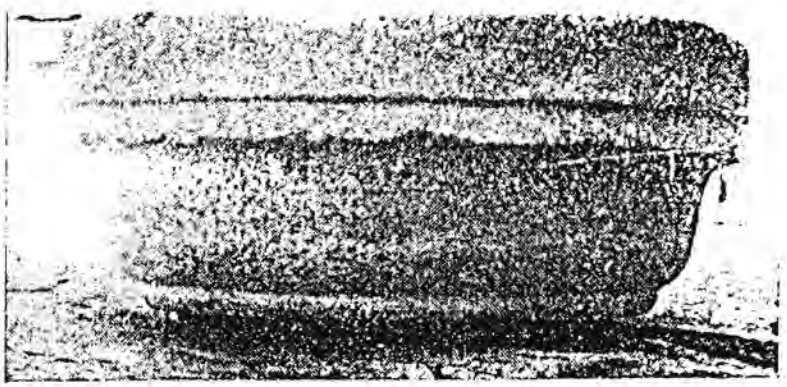
Drwg/photo reference: Ohnesorg, 1993, Plate XX.4-5.

Table Cym-15



Drwg/photo reference: Ohnesorg, 1993, Plate XX.6.

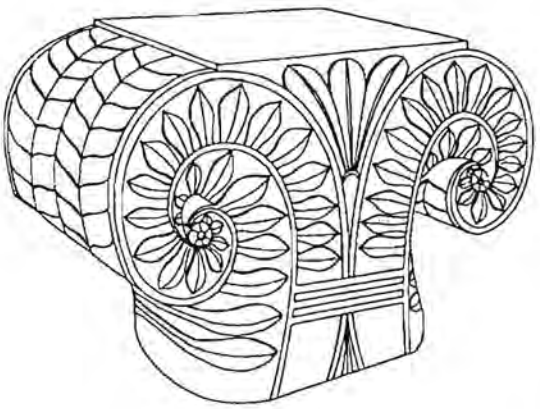
Table Cym-16

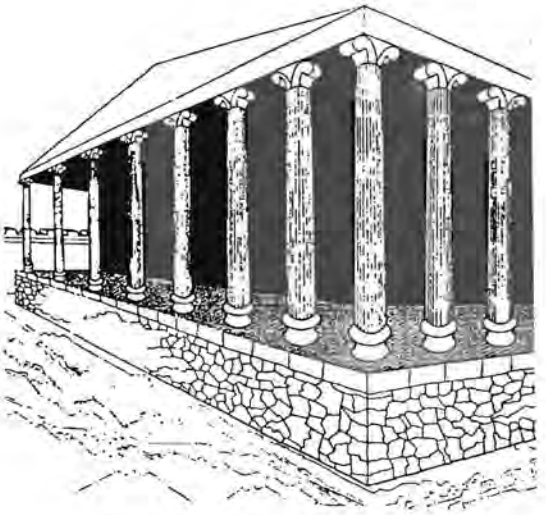


Drwg/photo reference: Ohnesorg, 1993, Plate XX.7.

D Aeolic capitals (Aeol-)

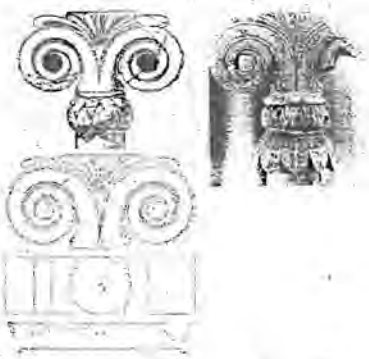
Table Aeol-1

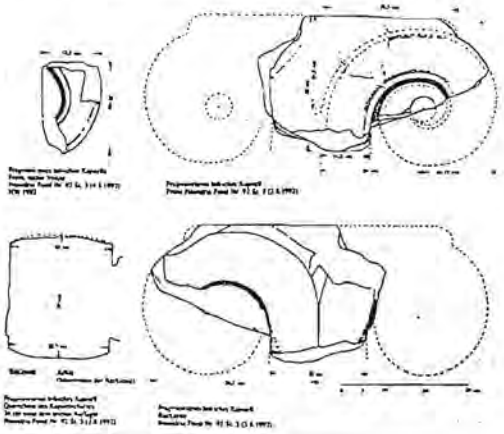


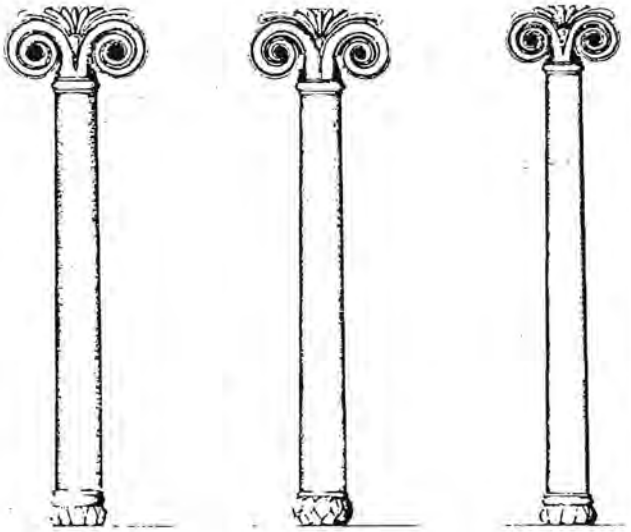


Drwg/photo reference: Top: Kuhn, 1986, Fig.3; Bottom: Betancourt, 1977, Plate 20; Right: Kuhn, 1986, Fig.10.

Table Aeol-2

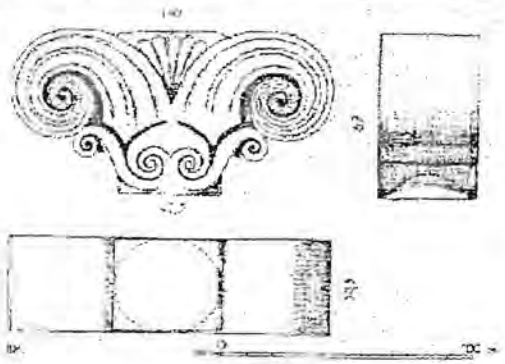


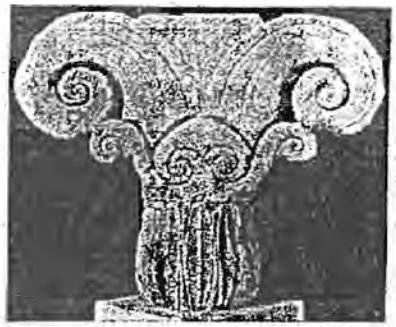




Drwg/photo reference: Top: Betancourt, 1977, Fig.32 [manipulation of Koldewey's dwgs] and Plate 41; Clarke, 1886, Fig.2.
Bottom: Wiegartz, 1994, Beil. 13; Right: Wesenberg, 1971, Fig.164.

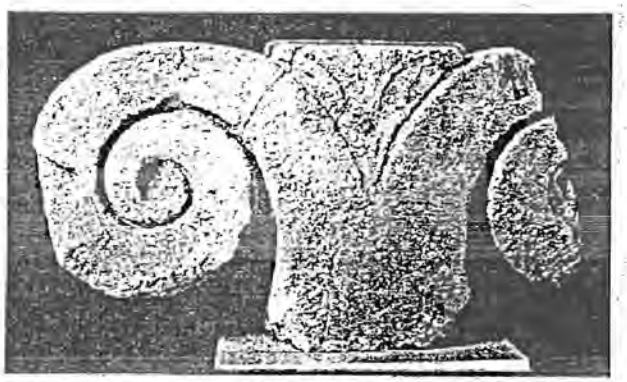
Table Aeol-3

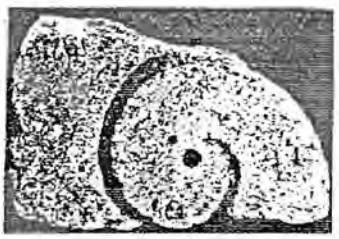




Drwg/photo reference: Top: Boehlau & Schefold, 1940, Plate 40; Bottom: Betancourt, 1977, Plate 42.

Table Aeol-4



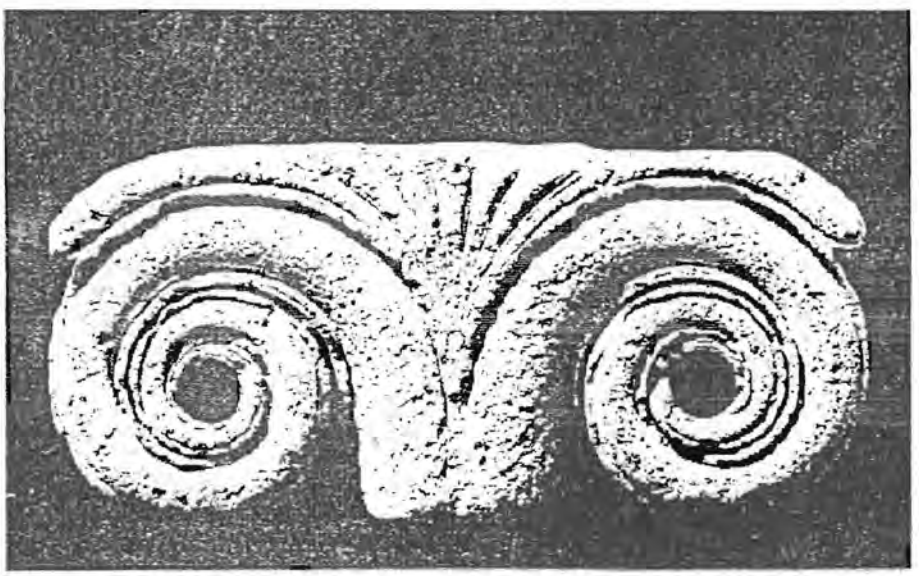


Drwg/photo reference:

Table Aeol-5

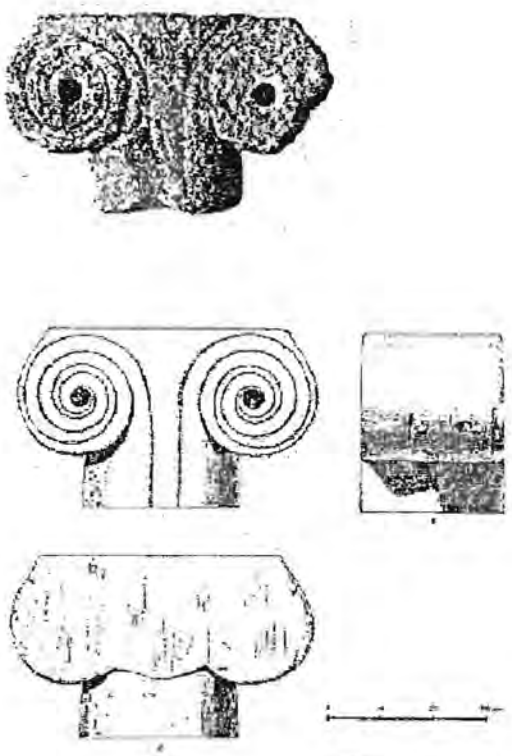
Drwg/photo reference: Top: Condis, 1950, Fig.3; Middle: Koldewey, 1890, Plate XVI.1-3; Bottom: Scully, 1964, Fig.5.

Table Aeol-6



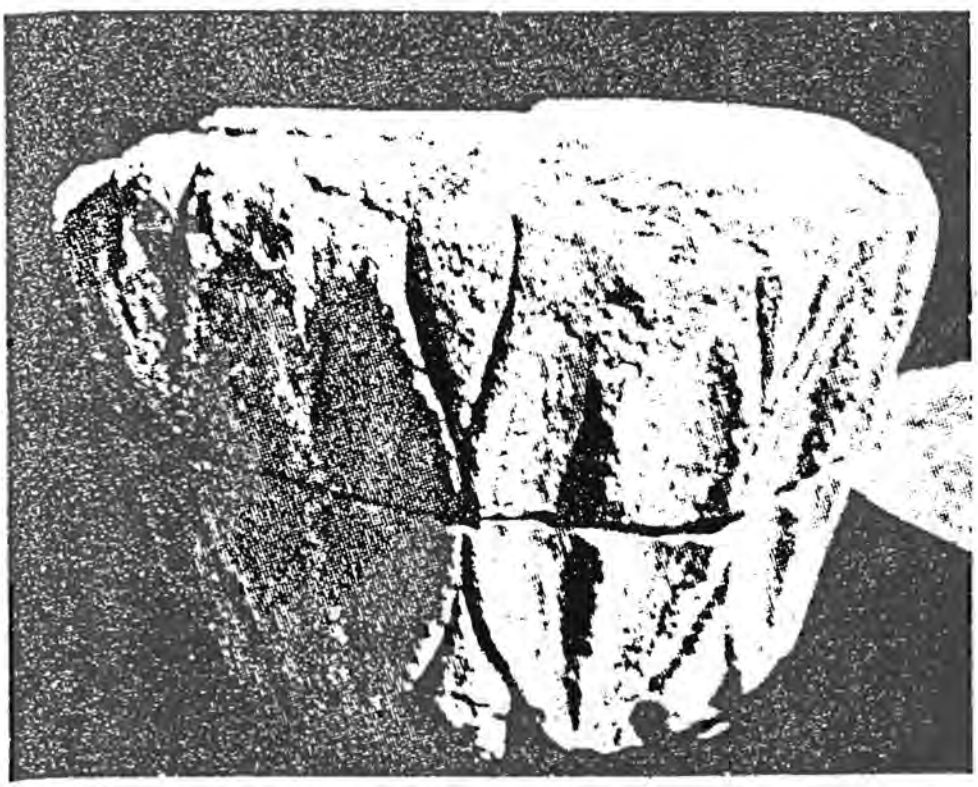
Drwg/photo reference:

Table Aeol-7



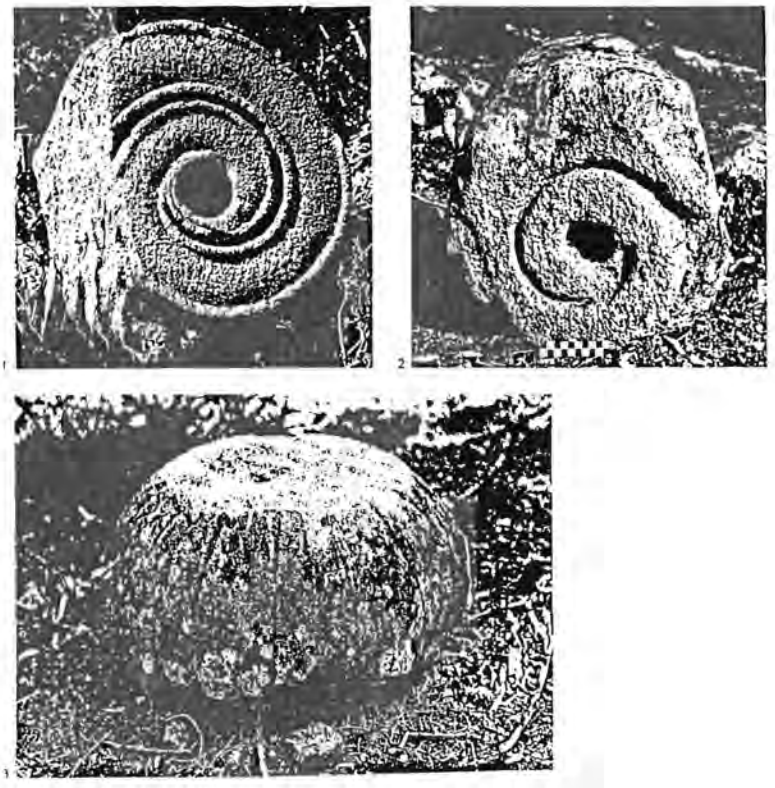
Drwg/photo reference: Condis, 1950, Fig 1 [photo] and 2 [drwg].

Table Aeol-8



Drwg/photo reference: Martin, 1958, Plate 26.3.

Table Aeol-9

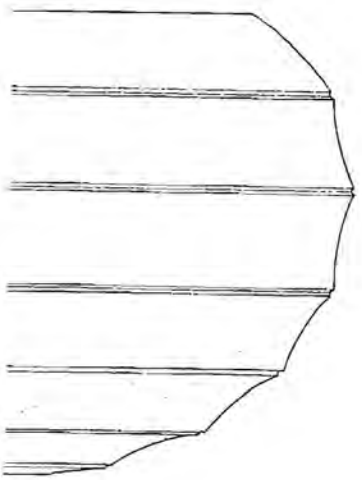


Drwg/photo reference: Radt, 1991, Plate 56.1-3

Drwg/photo reference:

E Torus capitals (Tor-)

Table Tor-1



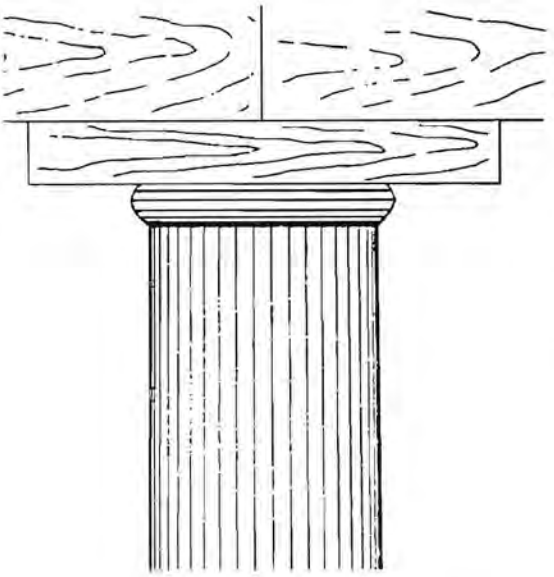
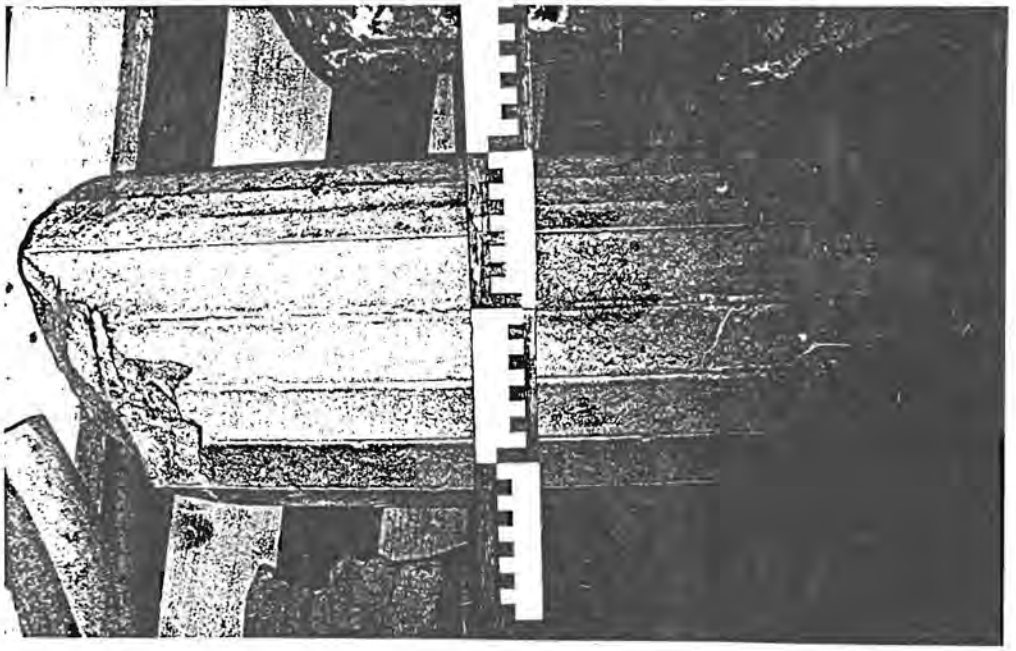
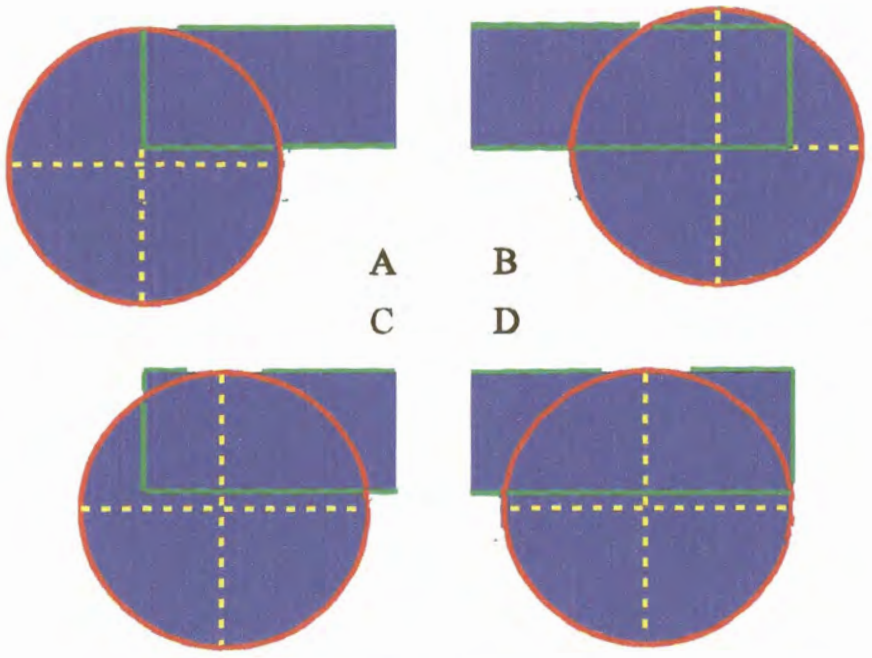


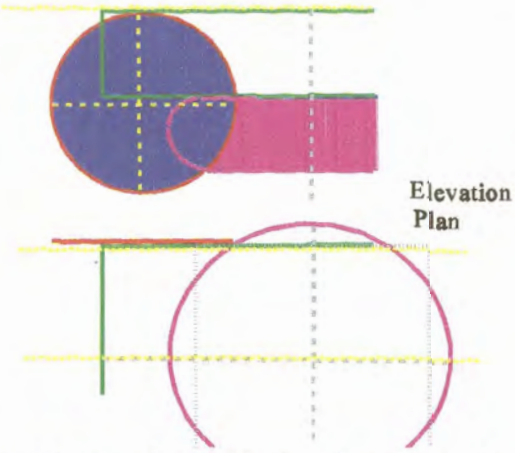
Abb. 5. Waagerecht kannelierter Torus mit ionischem Profil (aus drei Fragmenten



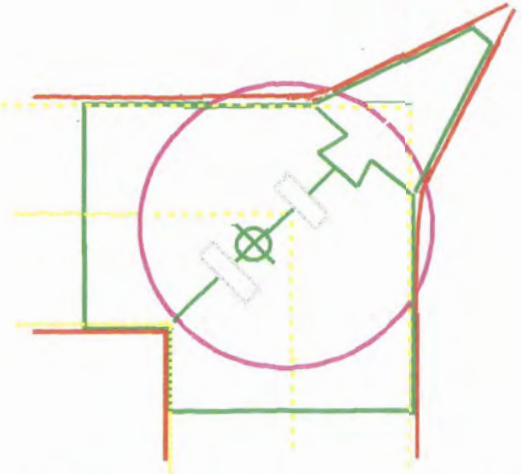
DWG/PHOTO REFERENCE: Left: Ch. Hendrich in Kienast, 1992, Fig.5; Right: Kienast, 1999, Fig.1; Bottom: Author's photograph.



Bronze applique on timber: Choice of location for involute circle



Stone torus + timber block + bronze applique



Torus + timber block + Bronze applique: Corner

Exploration of a suggested timber, stone and bronze applique Ionic capital using capital Tor-1 of the 1st dipteral Heraion (With reference to Kienast, 1999)

Table Tor-2

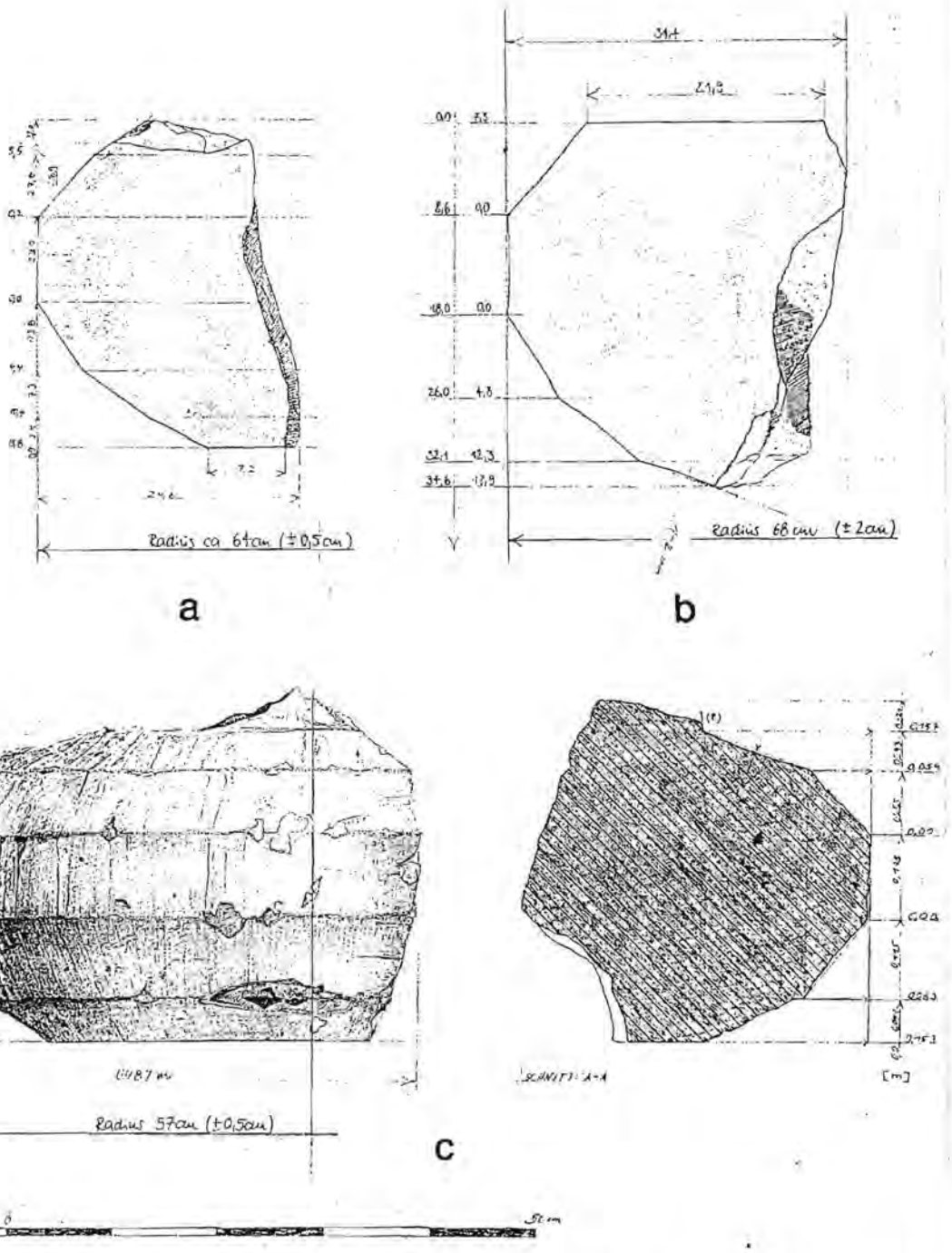
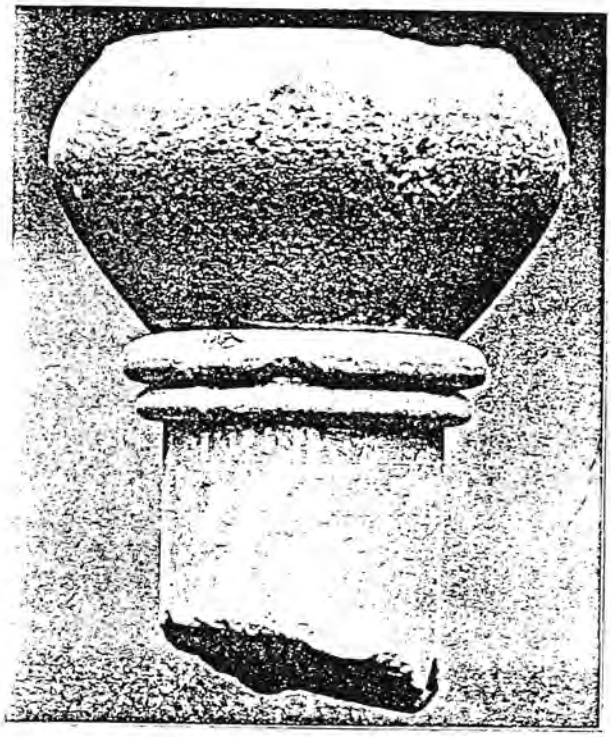


Abb. 5 Kannelierte Tori aus Kalkstein, wahrscheinlich Teile von Kapitellen. – a. Fragment A 670. – b. Fragment A 675. – c. Fragment A 158

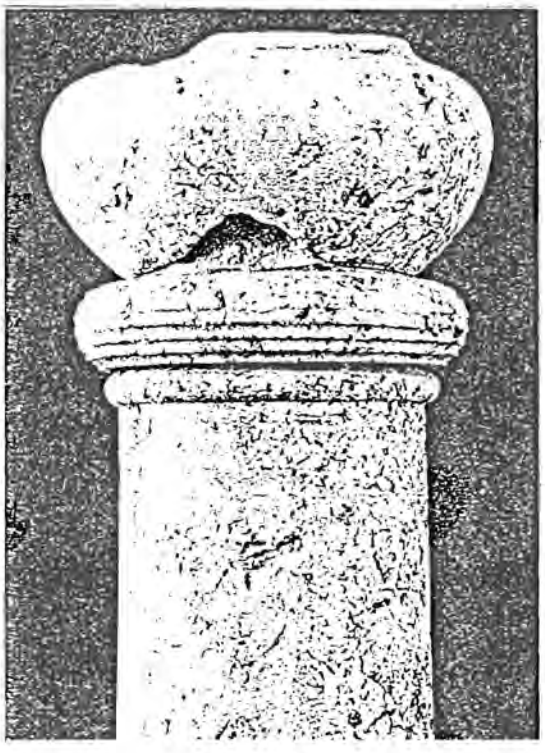
DWG REFERENCE: Schneider, 1996, Fig.5.

Table Tor-3



Drwg/photo reference: Buschor, 1930, Beil.XI.

Table Tor-4



Drwg/photo reference: Buschor, 1930, Beil.XII.

F Visual lexicon of the Archaic Ionic Order and capital.

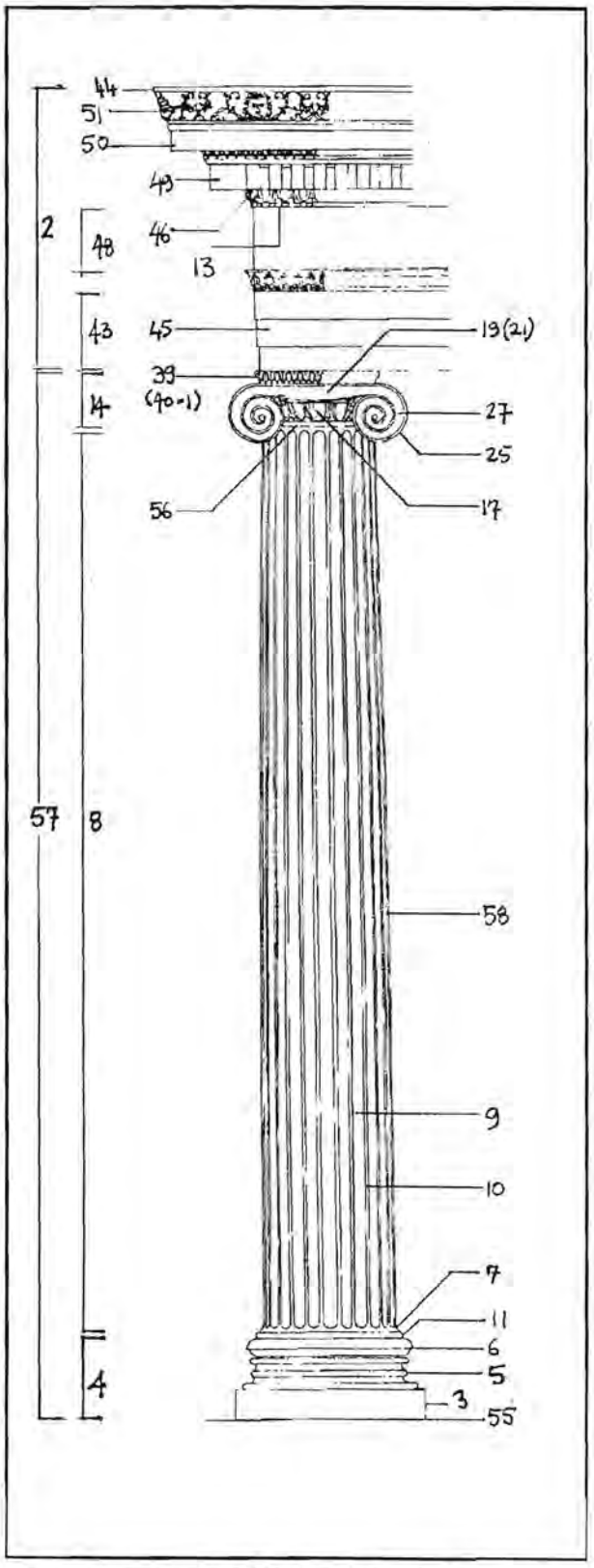


Figure 1 Interpretation of the Classical Ionic Order as in the Athenaion at Priene (Kotratschek, 1948, p.4). The correct version of this building's Order is shown in Akurgal (1985, Fig.69).

VISUAL TERMINOLOGY

(These items refer to Fig.D1-D7)

1	Pediment
2	Entablature
3	Plinth
4	Base
5	Spira (Cylindrical or Scotia+torus)
6	Torus
7	Apophyge
8	Column shaft
9	Fluting
10	Arris
11	Fillet
12	Bolster palmette
13	Astragal
14	Standard capital
15	Echinus
16	Ionian leaf cyma echinus
17	Ionian ovolo echinus
18	Domed echinus
19	Canalis
20	Canalis channel
21	Cord shaped canalis
22	Straight canalis
23	Offset- or angular (*Knick*) canalis
24	Bow shaped (Upturned cord) canalis
25	Volute
26	Inclined volute
27	Volute channel/spiral
28	Volute channel/spiral bead
29	Volute eye
30	Volute origin
31	Volute ordering device
32	Volute spandrel palmette
33	Bolster
34	Bolster fluting
35	Bolster bead
36	Rectangular additions to capital top bearing
37	Capital bearing offset
38	Capital top bearing surface
39	Abacus
40	Abacus cyma
41	Outward curving abacus
42	Rectangular abacus
43	Epistyle
44	Listel
45	Fascia
46	Egg-and-dart moulding
47	Leaf cyma moulding
48	Frieze
49	Dentil moulding
50	Cornice
51	Sima (*Cyma recta*)
52	Column taper
53	Diagonal volute
54	Corner capital
55	Stylobate
56	Column bearing/ capital bottom bearing
57	Column
58	Entasis

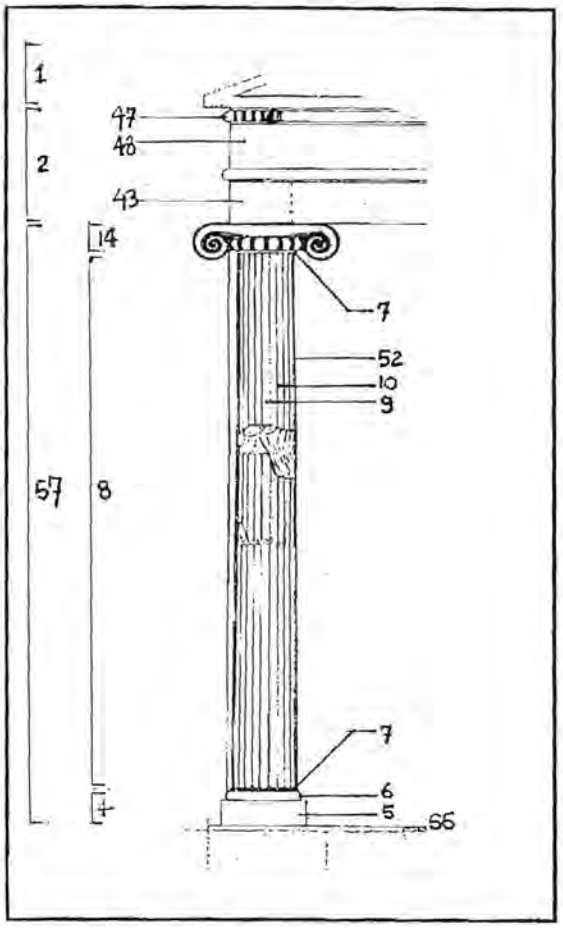


Figure 2 Archaic Ionic Order as in the Demeter templeIV at Iria, Naxos (Gruben et al, 1987, Fig.39).

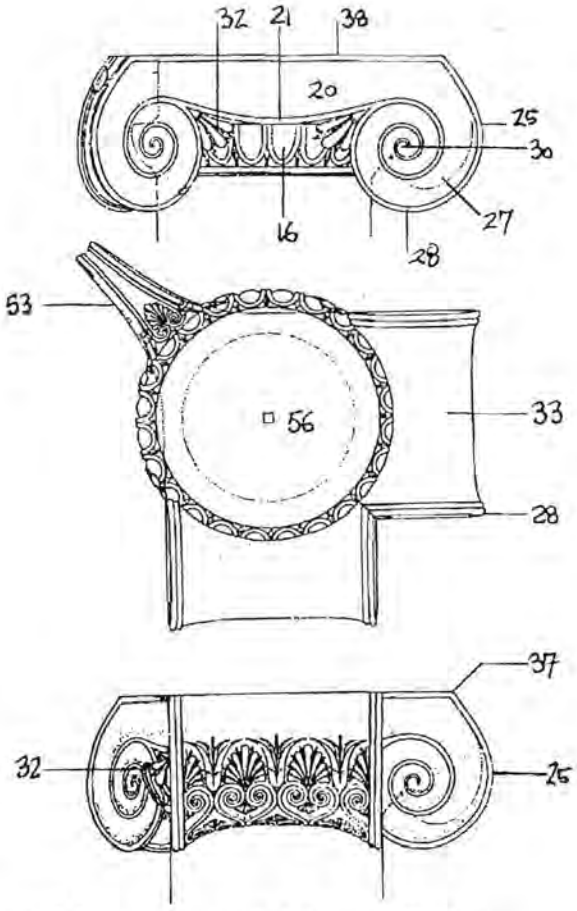


Figure 3 Ionic corner capital, Heraion IV, Samos (Gruben, 1960, Fig.46; [bottom drawing is author's addition]).

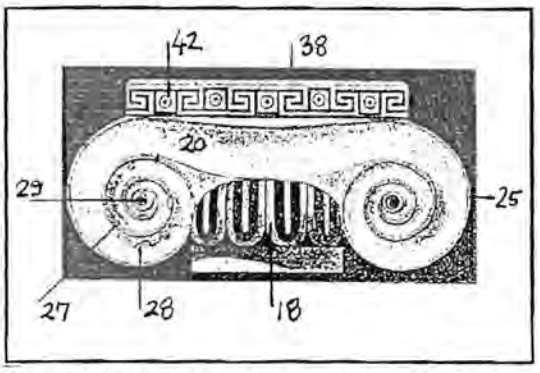


Figure 4 Ionic capital from the Acropolis, Athens (Von Luschan, 1912, Fig.3).

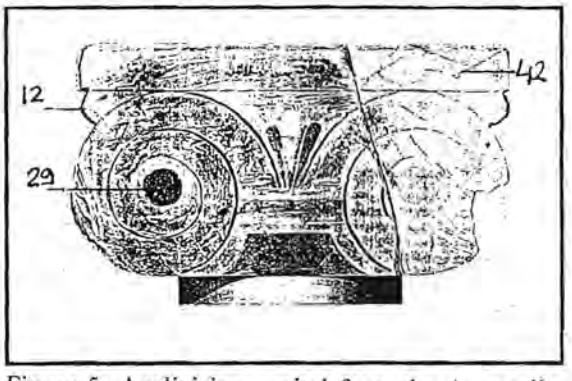


Figure 5 Aeolicising capital from the Acropolis, Athens (Borrmann, 1887, Plate 18.3).

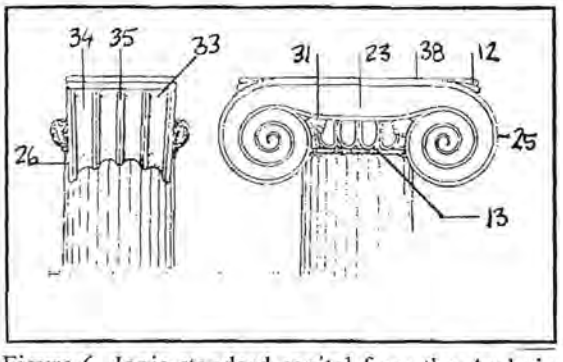


Figure 6 Ionic standard capital from the Archaic Didymeion (Gruben, 1963, Fig.19).

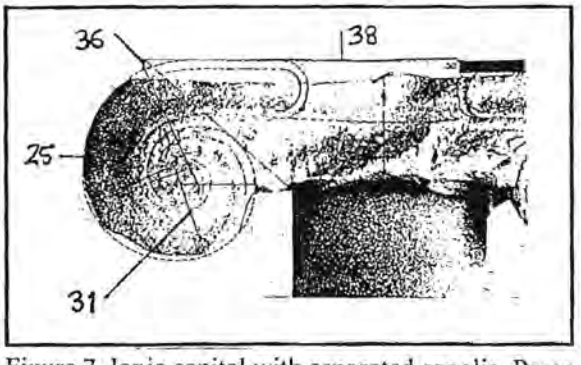


Figure 7 Ionic capital with separated canalis, Paros (Item 775, Paros Museum. Author's photograph)