

User Guide

Historical Note

In the preface to his *A History of the Giza Necropolis*, Volume I (Cambridge, Mass: Harvard University Press, 1942, p. ix), Egyptologist George A. Reisner (1867–1942) described his plan for forthcoming additional chapters and volumes in the *Giza Necropolis* series. Upon his death at Giza in June 1942, 4,000 typewritten manuscript pages for these *Giza Necropolis* volumes lay in various stages of preparation. At the closing of “Harvard Camp” on the Giza Plateau in 1947, these pages, along with other Harvard University—Boston Museum of Fine Arts Expedition archives, were shipped to the MFA in Boston. While the chapters and pages are not “clean” enough for traditional printed publication, they nevertheless contain critical information on the Giza excavations not available elsewhere. Hundreds of mastaba tombs are described in detail, accompanied by interpretative chapters on funerary architecture, Old Kingdom royal and private family genealogies, burial equipment, and other topics.

This digital document contains scanned images of one chapter from *A History of the Giza Necropolis*, Volume II, written by Reisner and edited by him and his staff during the 1930s and 1940s. The original manuscript pages remain in the archives of the Egyptian Section of the Art of the Ancient World Department of the MFA. After Reisner’s death, his assistant and successor, William Stevenson Smith (1907–1969), published a much shorter volume with the same name, focusing on the shaft tomb of Queen Hetepheres I (G 7000 X), and ceramic and stone vessel typologies. Thus, the published *Giza Necropolis II* (Hetepheres) is completely different from the pages contained in this previously unpublished *Giza Necropolis II* (interpretive chapters). See below for preferred citation information.

Navigating the Manuscript

Two identical manuscripts for *Giza Necropolis II* were created (1 typed original, 1 carbon copy) and *edited differently* from each other. One page was selected to represent both versions in the PDF reconstruction. Choosing the best representative page means that some PDF page images are from one version and some are from the alternate version. (Very occasionally, both versions of a page will appear in the PDF.) By using the markup tools available in Adobe Acrobat 7.0, selected pages were annotated as follows:

Symbol Key



A Blue square in the upper left corner of a page indicates that it is from the alternate version of the manuscript (used instead of the primary). The version designated as *primary* and the version designated as *alternate* is arbitrary. There is no clear evidence as to which was the intended, final version. Generally, the copy with more handwritten notations was selected as primary.



Green squares with black text duplicate significant handwritten notes found on the alternate version of the manuscript that are different or missing from the page chosen for the PDF.



Yellow squares with black text are used to clarify a handwritten note that is difficult to read, or to explain something about the page.

Printing

The original manuscript pages measure 25 cm. by 35 cm. (9.75" x 13.65"). In the U.S., this is closest to modern legal size paper (8.5" x 14"). Note: Paper size is an option under “Page Setup” under the “File” menu in Adobe Acrobat. To print correctly, in the Adobe Acrobat Printing Options, under “Comments and Forms” choose “*Document and Markup*” and under “Page Scaling” choose “*Fit to Printer Margins.*” The legibility of handwritten margin notes will depend on the resolution of your printer. The higher the resolution, the better the reproduction.

Searching

The PDF pages are partially searchable. All the pages were put through an optical character reader (OCR). However, the character recognition of old-fashioned typewritten text is not perfect, especially on pages with numerous handwritten notes, hieroglyphic transliteration, and editing marks. The text that the program (Adobe Capture 3.0) generated *was not corrected*. It exists in an invisible layer behind the scanned page image as “dirty OCR.” This means that a word search through the manuscript will not always return perfect results. If your search was unsuccessful, try searching for *part* of the word.

Alternatively, search the *Giza Archives Project* database (www.gizapyramids.org or www.mfa.org/giza) to find single pages (from both versions) that contain specific references (see list below).

Understanding References

Tomb number examples: G 2110, G 7000 X, G 4940, Lepsius 23, D 20 (spaces are necessary when searching the database for tomb references)

Ancient name examples: Seshemnefer, Nefer, Ankh-haf, Iasen (alternate spellings have been included in the database)

Modern name examples: Junker, Fisher, Smith, Floroff, Quibell

Photo negative number examples: A4935, B8301, C13953, D60 (no spaces are used when searching the database for photo numbers)

Object Register number examples: 12-11-54 (this means: in 1912, month of November, this is the 54th object logged), 27-2-294 (this means: in 1927, month of February, this is the 294th object logged)

MFA accession number examples: 13.3144, 37.1311, 12.1483 (this means: in 1912 this was the 1483rd object accessioned to the MFA)

Preferred Citation

Reisner, George Andrew (1867–1942). "Chapter Title." *A History of the Giza Necropolis II, Unpublished 1942 Manuscript*. July, 2006. The Giza Archives Project, Museum of Fine Arts, Boston. Access date <URL>.

Additional Information

Omissions

Unimportant editor's marks, corrections of typographical errors, word insertions, text crossed out in blue pencil, and other notations found on the *duplicate* manuscript were not annotated in the PDF reconstruction. Some references to plate or figure numbers found on the duplicate manuscript were also omitted because no plates or figures exist with those specific designations. Plate and figure numbers that refer to the published, *A History of the Giza Necropolis* Volume I (1942) are included in the annotations. (*Note: All expedition photographs and drawings relating to individual tombs can be examined in detail using the Giza Archive Project website search engine at www.gizapyramids.org.)* Margin notes with handwritten transliterations of hieroglyphic inscriptions found on the duplicate manuscript were omitted from the annotations in most cases. Pages of notes left within the original manuscript by other authors using Reisner's material for research were not included in the PDF.

A third, early draft of Appendix A (concerning Cemetery en Echelon) was omitted from the PDF and the searchable pages in the database because most of its margin notes were included in the retyped final versions. Three pages from this early draft were included at the end of the PDF and database versions of Appendix A because the material covered was missing from the final draft.

Imaging

The original paper pages are yellow with age and contain red and blue-pencil editing marks. In order to minimize file sizes for the PDF, color information was discarded and the brightness, contrast, and sharpness were enhanced for each scan to make it more legible to the optical character reader.

The optical character reader (Adobe Acrobat 3.0) was set up to create a digital stand-in for the paper page. The digital page usually displays handwritten notations in grayscale and typewritten text in black and white. Occasionally, the OCR interpreted a handwritten notation as black and white text, and typewritten text as grayscale (sometimes as both). If the OCR program encountered something it could not read, it left that part of the page in grayscale. Grayscale can appear fuzzy and is occasionally difficult to read when printed.

Linking

The hyperlink in the bookmarks at the end of each chapter is intended to link to the next chapter, but you will have to download the next chapter to the same folder on your desktop for the hyperlink to function. Each Chapter and Appendix for Volume II is a separate downloadable PDF file.

*Catherine Pate, Project Archivist
Peter Der Manuelian, Project Director*

*Giza Archives Project
Museum of Fine Arts, Boston*

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_____	p.	2
7000 X _____		2
GI-a _____		3
GI-b _____		4
GI-c: Queen Henutsen _____		5
^{7110 + 7120} 7210 + 20: Hordedef _____		8 16
7310 + 20: Ra-bawf? _____		21
7410 + 20: Meresankh II _____		27
7130 + 40: Khufuw-khaf _____		32
7230 + 40: no name _____		40
7330 + 40: " " _____		42
7430 + 40: Minkhaf _____		45
7510: Ankhaf _____		51
7650: Merytyetes _____		57
7520 + 7530 + 7540 _____		64
7530 + 40 _____		64
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7560 7560 _____	116	
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7350 _____		83
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7550 ⁷⁰⁶⁰ Duwanehor. _____	110	89
7660 _____		93
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7750 _____		97
7760 Hordedef _____	7690 - 122	100
7810 _____		104
7820 _____		107

APPENDIX B. P.1.

The cemetery of the Eastern Field presents the following component parts set out in the approximate order of construction:-

- 1) The unfinished pyramid G I-x: begun in the first half of the reign of Cheops, but abandoned when the Hetep-heres burial was made: afterwards replaced by pyramid G I-a. See Vol. I, p.70, Fig. 18.
- 2) The secret tomb of Queen Hetep-heres I, mother of Cheops: a reburial with empty sarcophagus: made about the middle of the reign of Cheops.
- 3) The queen's pyramid G I-a: placed in the angle between the entrance hall of the pyramid temple and the great court of that temple: after the final plan of the pyramid had been partially or wholly carried out.
- 4) The queen's pyramid G I-b south of and in alignment with G I-a: probably built about the same time as G I-a.
- 5) Nucleus cemetery of twelve mastaba cores of type IV-i: in three E-W rows and four N-S lines: see Nos. 7-8 below.
- 6) The queen's pyramid G I-c (Queen Henutsen?): placed south of G I-b smaller and set back to west.
- 7) The construction of the cores of the eight twin mastabas, the four northern twin mastabas enclosing each two cores of the nucleus cemetery of twelve (the northern and middle rows) with massive masonry joining the two old cores: the four cores of the southern row of twelve increased in length by addition of massive corework of type IV-iii on the south: mastaba field prolonged to cover front of pyramid G I-c.
- 8) Casing of the four northern twin mastabas with two interior chapels.
- 9) Casing of the western mastaba of the southern row with two interior chapels: beginning of the casing of the second mastaba from the west: third and fourth mastabas from the west, uncased at this time.
- 10) Construction of the five massive cores and mastaba G 7050 of type V: G 7510, 7650, 7530+40; the casing of the eighth twin mastaba (G 7430+40) and G 7450, 7350, and G 7050.
(G 7430+7440) ^{7450, 7350}
- 11) The construction of the eight nummulitic mastabas of the second addition to Cem. G 7000: 7550, 7660, 7750, 7760, 7810, 7820, 7060, 7070
- 12) Period Mycerinus to end of Dyn. IV: three mastabas added to lines 5 and 6 on the south: a few structures subsidiary to the eight twin mastabas: a few of the earliest of the rock cut tombs.
^{7560, 7670, 7690:}
- 13) Dyn. V: mastabas of the secondary cemetery: intruded in the streets of the nucleus cemetery and in the vacant spaces S, E and N: continuation of the rock cut tombs.
- 14) Dyn. VI: continuation of the secondary cemetery and of the cemetery of rock-cut tombs.
- 15) In (XXII) Dyn.: chapel of pyramid G I-c, reconstructed and enlarged as Temple of Isis, mistress of the pyramids: intrusion of private chapels and burial shafts in eastward extension of the Isis Temple in the Saite Period.
- 16) Extension of the intrusive cemetery centered on the Isis Temple eastwards over Cem. G 7000: re-use of old burial shafts and the re-cutting of some to form great communal or family burial places: new shafts also excavated: superstructures of crude brick: Ptolemaic and Roman times.

Not included in text
G 7101
7102

The description of these monuments will be given in the following order, ~~the~~ the unfinished pyramid and G 7000 X, ^{The Three Queens' Pyramids} then the mastabas of the nucleus cemetery in numerical order, the mastabas of the first and second additions in numerical order, and finally the mastabas and rock cut tombs of the secondary cemeteries also in numerical order.

1) Unfinished Pyramid G I-x: 7.5 m. from east face of G I-a: 10.0 m. from west face of the twin mastaba G 7110+20: 12.7 m. south of G 7000 X (Hetep-heres tomb): cutting consists of the upper end of a sloping passage, 3.75 m. long (N-S) and 0.85 m. wide, and a transverse cutting 6.35 m. wide (E-W) for two courses of masonry: see ~~fig.~~. ^{Pl. 34 and} ^{Vol. I, p. 70, Fig. 118} ~~plan~~, ~~plan~~ and ~~section~~: the emplacement was smeared with plaster and the two courses of masonry had been set and later removed: the cuttings and the emplacement indicate ~~the~~ the design to have been like that of G I-a, with sloping rock cut passage descending southwards to a burial chamber continued upwards and outwards by masonry to the projected face of the finished pyramid: the pyramid was to be built over the nucleus of masonry thus designed (see G I-a):

2) G 7000 X: the secret tomb of Hetep-heres I, mother of Cheops: see Bulletin of the Boston Museum of Fine Arts, Vol. XXV, special number, May 1927, "The Tomb of Queen Hetep-heres" Vol. XXVI, No. 157, October, 1928, "The Empty Sarcophagus of the Mother of Cheops": Vol. XXVII, No. 164, December 1929, "The Household Furniture of Queen Hetep-heres I": Vol. XXX, No. 180, August 1930, "The Bed Canopy of the Mother of Cheops": text of final publication in preparation. ^{Also add 1939 Bull. article in certain box and Smith Sc. & P. pp. 144-148}
 Secret Tomb: without superstructure or offering place: found ~~intact~~ intact under the packing of the street in front of the pyramid G I-a and the Pyramid Temple of Cheops.
 Shaft: rectangular shaft with mouth measuring 1.65 x 2.45 m., with horizontal grooves for beams used in lowering coffin: descends to 19 m. where there is a shelf on the E side and a shift to the west: gradually contracts to 1.16 x 1.3 m. at the bottom a depth of ca. 28 m. from the top.

Stairway and Tunnel:

descending from the N is stairway, 2.675 x 0.585 m (N) and 0.75 m (S) 12 steps descending into rock-tunnel: tunnel, 1.135 m. long, 0.75 m. wide with sloping roof: height of tunnel inside of shaft, 1.1 m.: length of stairway and tunnel, 3.81 m.: opening of tunnel in shaft with roof at 2.05 m. from top, and floor 3.15 m.: stairway and tunnel packed with white limestone blocks set in plaster and covered with heavy layer of plaster.

Blocking of shaft and Chamber:

At mouth of shaft (1.65 x 2.45 m.) a trick course of irregular blocks of nummulitic limestone, with a depth of 0.8-0.85 m.: under this trick course were 9 courses of well laid white limestone small blocks laid in plaster: with a depth of 3.22 m total depth 0.8+3.22 m. = 4.02 m.: this white masonry covers the inner end of the tunnel, at -2.05 (roof) to -3.125 (floor).
 At depth of 7.47 m. appeared the top of a niche in the west wall: descending to 9.295 m.: walled off with well built masonry of small blocks of white limestone built on shelf on shaft side of niche: irregular floor of niche, 0.725-0.925 x 1.8 m. with an area of 1.48 sq.m.: height, 1.825 m.: capacity about 2.7 cu.m.: thickness of blocking wall, 0.45 m.: space between blocking wall and west wall of niche, 0.91 x 0.7 m.: with area of 0.63 sq.m.: in this space was deposited a food offering consisting of ox bones wrapped in a mat, two jars for wine or beer: charcoal and two fragments of basalt (accidentally intrusive): the ox bones had been broken by the fall of a stone but included a skull with horns and two or three legs: the two jars are registered as follows:-

APPENDIX B. p.3.

25-2-1095: WSR with slip colored pinkish: type A-II b: h., 37.0 cm.: d.rim, 10.3 cm.: d.max., 22.0 cm.

25-2-1096: WSR, with drab slip: type A-II b: h., 34.1 cm.: d.max., 22.0 cm.: with pot-mark, h-t w/d(?): not complete.

?
Check
inscription

25-3-51, 161: charcoal: two lots of small bits of charcoal.

From a depth of 4.03 m., the shaft descends in bad rock and is packed with stones and plaster down to the blocking of the doorway of the burial chamber.

At -12.0 m., were found fragments of RP basin and white limestone block inscribed with a star and a cross.

At -17 m., were fragments of copper.

25-3-258: copper plate: ~~attached to the shaft~~ two attachments in oval or knife shape.

(a) 9.4 x 3.4 cm.

(b) 9.6 x 3.6 cm.

25-3-259: copper: attachment of unknown use; h., 5.6 cm.: width base, 6.9 cm.: width top, 6.4 cm.

25-3-260: copper and wood: several fragments of fluted column or stem: apparently gilded; inside was decayed wood; h., 3.1 cm.: d., 2.0 cm.: thickness of copper, 2 mm.

At -22 m., fragments of RP bowl with spout.

Between -22 and -25 m., great quantities of potsherds of different types of vessels, including type D-LXXI, frags of white limestone coffin, limestone sockets for holding canopy poles (5 complete and several incomplete), flint flake, mud jar stoppers without seal impressions.

At -25 m. course of well laid masonry: shaft growing more narrow in N-S direction: between 25 m. and the bottom ten courses blocking the entrance to the chamber, reaching an irregular floor at about -29 m.

Chamber: type 6 b(1): on S: 6.0 x 3.0 m. and 1.8 m. high: area, 18.0 sqm capacity, 32.4 cu.m.: unfinished cuttings in floor in NW corner, in E wall and in W wall: cutting in W wall, blocked with masonry and plaster and contained the slabaster canopic chest.

Deposit in chamber:

curtain box

empty alabaster sarcophagus, bed, bed canopy, carrying chair, two arm-chairs, jewel-box containing inlaid silver anklets, toilet box, implements, stone vessels and pottery: large pieces of furniture and boxes containing vessels and small objects brought from the original tomb of the queen probably at Dahshur: inscriptions with titles of name of Hetep-heres the king's mother on articles made by Cheops: the bed canopy and the curtain box bear the titles and names of Sneferuw.

Hand

3) G I-a: pyramid, 49.5 m. square: stepped core constructed over nucleus structure which carried the sloping passage out to the face of pyramid casing: stages filled out with masonry: the casing of fine white limestone laid in courses sloping downwards from face inwards: on east face ~~of~~ the lower edge of the casing is cut in the native rock with sloping emplacement on top to take masonry: at corners of pyramid, casing laid horizontally

Chapel: in middle of E face: totally destroyed: dressed emplacement of foundation of chapel: probably N-S offering room: enclosing wall of c.b. along N face of mastaba with length of 42.0 m.; and 1.15 m. thick. *Pyramid 34*

Burial apartment: sloping passage, descending from north, ante-room with sloping passage prolonged by ramp (as shaft type 2): large E-W burial chamber lined with fine white limestone: see Chapter VI, p.129: see fig.63.

Vol I,

Boat-grave: rock cut receptacle to receive a wooden sun-bark: cut in space between G I-a and G I-b but close to G I-a: a heavy rebate cut in the edge to take a roofing of heavy limestone slabs of which, one was found in place: slab pierced by a large hole (0.4-0.5 m. in diam.) ~~roughly cut by plunderers~~: bottom cutting takes the form of a flat-bottomed boat; Pl. 35 36

Note
The hole is not roughly cut (see Flooff's drawings)

Length of inner cutting, 20.0 m.; ~~rebate, 2.0 m.~~
 Width of W end, inner cutting, 0.50 m.; rebate, 2.0 m.
 Width in middle: inner cutting, 2.16 m.; rebate, 3.30 m.
 Width of E end: inner cutting, 0.40 m.; rebate, 2.0 m.
 Depth of inner cutting, at W end, 1.20 m.; in middle, 3.00 m.;
 at E end, 1.25 m.
 Depth of rebate, 0.30 m.

At 0.9 m., from E end of grave, a rectangular pit, probably connected with boat grave, measuring 1.90 x 1.0 m. and 0.70 m. deep: the c.b. enclosing wall between G I-a and G I-b, passed over the southern side of the boat grave and was constructed after it had been ~~roofed~~ roofed over.

Check up and get these measurements if possible
 Figure of boat grave, plan and section

Queen's name not preserved

- 4) G I-b: Pyramid, 49.0 m. square: stepped core as G I-a: but casing set horizontally except on N side around the entrance to the sloping passage: casing at NE corner on dressed emplacement on rock: at SE corner founded on foundation platform two courses high to equalize slope of rock: casing dressed to floor level of enclosure.

Chapel: cruciform chapel of type (6a): built against middle of east face: (a) two niched N-S offering room, 10.5 x 2.05 m.: area, 21.52 sq.m.: prop. 1/5.14: fragments of relief show decoration: and (b) E-W vestibule corridor with doorjambs at each end, 1.1 x 3.9 m.: area, 4.29 sq.m. total floor area, 25.81 sq.m.: see Chapter VII, p.217 and Fig.120.

?

Pl. 34 and Vol I

exterior c.b. court greatly destroyed by c.b. magazines and bins belonging to the Isis Temple: at NE corner of the pyramid, remains of two c.b. walls at right angles forming the NE corner of the pyramid enclosure: thickness of c.b. wall, 1.05 m., length of E-W wall, 14.4 m. with only the beginning of the N-S wall: the east wall appears to have followed the outline of the chapel front and contained a large limestone tank, 2.15 x 1.0 m. and 0.68 m. high, walls about 0.1 m. thick sunk in floor debris so that top is about level with floor of chapel. Pl. 34

Burial Apartment: sloping passage: anteroom (with modification of ramp in lower end of sloping passage), and E-W burial chamber lined with white limestone: see Chapter VI, Pl. 136, Fig. 64

L Vol. I

Space

Chapel reliefs: the chapel had been decorated with scenes in very low relief of the finest quality. These had been broken into very small fragments of which only a few were preserved, but some of these could be fitted together:

- 1) Perhaps from architrave over one of the false doors: 24-11-286 b: horizontal inscription in large hieroglyphs reading [nswt] s'it wrt hts.... Fig..... Smith, Sculpture, Pl. 38.
- 2) Probably from tablet of one of two false-doors, two fragments with offering list: a) 24-11-242 a has the ewer and basin, and on right one of the registers of offerings, beginning with the tall water jar on a stand. Above appears to be part of the queen's title: wrt hts. b) is part of the list on horizontal lines on right and contains the name of green eye-paint: w!dt. (24-11-286 e).
- 3) 24-11-286 c could be placed on the back of the outer niche (on the right side) of either of the doors, or on the space north of the northern false-door. The wide border on the left has traces of green and blue, evidently from some kind of alternating block pattern. On the right is an offering bearer who evidently held up two jars on each side of him (that on right destroyed). Over him: int.... Fig..... Cf. similar figure on thickness of niche in G 7560, Pl. 77.
- 4) Group of fragments numbered 24-11-242 and 286 which have been restored to form a river boat being paddled towards the right. Fig.....; see also Smith, Sculpture, Pl. 38. In the mastabas of the end of the Fourth Dynasty ~~the same~~ similar boats are shown making the journey to the ~~holy~~ Sacred cities and to

- the fields of the ^{West} ~~field~~. I would suggest that this ~~is~~ fragment ~~of~~ the earliest ~~known~~ occurrence of such a scene. It is probably to be placed over the doorway on the entrance wall, from the analogy of the mastaba scenes. haso far known
- Fig..... and Smith, Sculpture, Pl. 38
- 5) Two groups of fragments which seem to belong together. Perhaps from the west wall between the two niches. a) Fragments forming parts of three registers of figures proceeding to the right, probably toward a large seated figure of the queen. Of the first register there is preserved only the feet of a single figure. In the second, a dwarf (legs only preserved) and a woman in a green dress whose shoulder is distorted somewhat like that in G 4940, on Pl. 15. These figures are approaching a low dais which may be the base of the queen's chair. In that case the lowest register would run under the ~~large~~ large figure. It shows the horn of a large ox, over which is written rn lw. b) it is very likely that the man formed by the second group of fragments is leading this ox, or another similar animal in the same register. Over his head is an unintelligible shape which may be the tail of a bird hieroglyph, and on the right is a an object which cannot be identified. See. Fig..... and Smith, Sculpture, Pl. 38. Compare also the very similar attendants with a dwarf on the north wall of the chapel of G 7540, Pl. 57. Human
- 6) From one of the walls comes a fragment showing the legs of an estate figure. In front of it is written.....w determined by a city sign, and behind the legend of a second estate:.....w.
- 7) 24-11-286 k: fragment of a vertical inscription:hmt
nswt ?.... Fig.....
- 8) 24-11-242 e: probably from same inscription: ...fswt bity
..... Fig.....
- 9) 24-11-242 f: hieroglyphs of same size as above two:
~~.....~~[H]wf[w]....b.. Fig.....

There were at least five more unintelligible fragments, one of which had a base line and a nswt sign (24-11-286 m). See Fig....

The above fragments present ~~an~~ a clear unity of style and cutting. Moreover they were all found near the floor level in the debris of the chapel of G I B under circumstances which make it unlikely that they could have been intrusive. Another group of reliefs was found in the debris of Street 7000, east of the three Queens' pyramids and in the Isis Temple. A few of these pieces came from the boat grave south of G I a, and another group came from the Cheops causeway. Certain of these pieces are of such a character that they can only be assigned to the chapel of a queen or to a royal temple. It is impossible to tell from which chapel they came, as it is to be presumed that all three pyramids had decorated chapels. It is now certain from Selim Hassan's excavations that at least a portion of the Cheops temple was decorated. A group of small fragments from the causeway are almost certainly from these royal decorations, and these are listed first below. Second are grouped pieces ~~probably from the causeway~~ probably belonging to Queens' reliefs, and third a group of uncertain reliefs which are probably from undetermined private mastabas. It should be noted that several fragments have been assigned to G 7130, the wife of Khufu-khaf (p.37..), and one piece from the Queen's boat grave was found to join with a piece from the facade of G 7320 (see p.22.ff).

- a) Decoration of the temple of the Cheops Pyramid. In the season of 1938-1939, Selim Bey Hassan found two large blocks and some smaller fragments of limestone reliefs from the decoration of an undetermined part of the Cheops temple, perhaps the causeway corridor. In addition to these were some fragments of granite with inscriptions. One large block had the upper part of a large figure of the king carved in very fine low relief, but badly weathered. The king stands facing to the left, wearing the red crown (possibly the double crown), and a wavy edged scarf thrown over his right shoulder. Above him is the sn sign probably held by a protecting vulture. Behind him stood ~~at least~~ a small attendant, probably the uppermost of several such figures.

The second large block shows a figure of Cheops, seated, facing to the right, wearing a heb-sed cloak and holding the ~~flail~~ flail. The throne is probably surmounted by a canopy and in front of it on the right are the bases of the two standards which ordinarily ~~accompany~~ accompany the Heb-sed pavilion. To the right of ~~this~~ this is probably the base of the king's Horus name, and the foot of a small standing figure facing left. Underneath is the head of a second figure with sm written ~~above~~ above him. Behind the seated king, on the left, is the head of a much larger figure of Cheops, with his name above him in a cartouche: (Hwfw). The wig of the figure is a peculiar one worn in the Heb-Sed scenes of Dynasty V and the king is probably kneeling as in Bissing, Re Heiligtum II, Pl.1 and III, Pl. 27. To the left are four partially preserved columns of inscription with the signs facing to the left: 1) ...nht(?) k!(bull) t! wr.....~~2~~ 2).....(Hwfw)(in cartouche) !ht(determined by pyramid), 3).....hb-f im st.t.....4) h!w h!w(? thousands) snwt(the snake stela, usually written in dual snwt). To the left of this, above, a small attendant facing left, probably again the sm-priest.

Of the fragments found by our expedition, the following, from the causeway of the temple probably belong with the above. The limestone fragments are carved in a bolder style of high relief than that of the above pieces.

- 24-11-548: Red granite fragment with legs of hawk in sunk relief. Must have formed part of the bird surmounting the frame containing the king's Horus name. Evidently from one of the large inscriptions with name and titles of Cheops on the granite casing of the temple walls. Perhaps from a door frame as in Chephren temple. Found in debris north of Queen's pyramid G I b. See Pl. 35 a, Fig.....
- 37-3-4 d: Similar Horus hawk on white limestone fragment. Evidently from a large inscription. See Pl. 35 e, Fig....
- 37-3-4 c: Leg and wing feathers of a large vulture, evidently from a protecting bird above the figure of the king, such as has been suggested above for the first Selim Hassan block. Like the following, fairly high relief in white limestone. See Pl. 35 3, Fig.....
- 37-3-4h : Small figure apparently carrying on his shoulder one of the door-bolts of the temple. See Pl.35 e, Fig....
- ~~37-3-4~~ 37-3-4 i: hand of small figure holding a staff: See Pl. 35 e, Fig..
- 37-3-4 b: Head of a goat: See Pl. 35 e, Fig....
- 37-3-4 g: Possibly to be interpreted as the hand of a figure holding up an opened papyrus roll, as in the case of scribe's presenting lists of offerings. See Pl. 35 e, Fig...
- 37-3-4 f, e: two unintelligible fragments: See Pl. 35 e, Fig.....
- 24-11-889: A fragment showing the oars of a large boat. This was found in the debris of Pyramid G I a, but resembles the bold reliefs of the above fragments more than it does the fine low reliefs of Pyramid G I b. Both types of relief seem to have existed ~~in~~ in different parts of the Cheops temple. ~~This~~ This piece seems to belong with the reliefs of that temple rather than with the fragments showing boats from the Queens' reliefs.

b) Fragments probably from one of the Queens' chapels. It is possible, of course that these may also come from the Cheops temple. Their fine low relief in white limestone is indistinguishable from that on the Selim Hassan blocks mentioned above, but they also resemble the reliefs of G I b. Only two chapels in the Eastern Cemetery are decorated with reliefs of prince's this particular quality. These are G 7510 and G 7650.

24-12-545: Above a border line of stars such as are found only in royal reliefs are two unintelligible objects which suggest the rigging of a boat. They are made of rope and resemble somewhat a badly battered block in ~~the~~ the Weserkaf temple which may represent a shrine being dragged along. There also seems to be a remote connection with one of the Cheops blocks ~~from~~ from Light in the Metropolitan Museum (No. 09-180-6). The explanation of what these three blocks represents will have to await the discovery of further Old Kingdom royal reliefs. Beneath the

star border line is a hieroglyph which may be šsp. See Pl. 35b, Fig..... Found between Pyramids Ia and I b.

- 24-12-546: Fragment of the curved line of a boat above a rectangle of water. ~~the~~ the boat is written prnsr (determined by Above *The interpretation that this is part of an inscription seems more likely than* the southern shrine, rather than a shrine set upon the boat?). The ripples of the water on this and the following fragment have a peculiar under-cutting which is found again in one of the light fragments with a paddled boat (No. 15 15-3-1161 in Metropolitan Museum). This is different from the representations of water in the Pyramid G I b. Found north of G I b: See Pl. 35 b, Fig....
- 24-12-14: Fragment of water with two paddles from a boat. Found north of G I a: See Fig.....
- 24-12-97: Fragment with parts of two vertical columns of Queen's titles: 1) m!! Hr (Sth)..... 2) (wrt) hts'.... Found in debris of G I a. See Pl. 35 a, Fig.....
- 24-11-922: Head of aleph hieroglyph. Found in debris ~~of~~ east of G I a: See Pl. 35 a, Fig.....
- 24-11-473: Small male head. Found in debris north of G I b: See Fig...
- 24-12-57: Fragment with two small figures, a ~~young~~ girl and boy, evidently with finger to mouth. In front of each girl is name: Hwfw....; In front of boy is name Hr.... The relief is coarser than that on other fragments, but it is possible that the boy's name is to be restored either as Hordedef, the owner of G 7220 or Hor-baf, the owner of G 7420. In this case the piece should come from the chapel of the chief queen, G I a. Found north of G I a. See Fig.....
- 26-2-24: Fragment of arm of man leading a bull in very fine low relief resembling the reliefs from G I b, and those above. From debris of G I c. See Pl. 35 a. See Fig...

c) Fragments from unidentified private mastabas:

- 37-3-4 a: A small white limestone fragment with parts of two vertical lines of inscription. Found with the other pieces from the Cheops causeway. Badly weathered but apparently not as good quality of relief as the others. Apparently titles of a private person. 1).....h'ty-(?)?.....2)hm ntr(wtst Hr) wr..... (c)
See Pl. 35 e, Fig.....
- 24-11-335: Fragment of an offering list, found east of Pyramid G I b. Coarser relief than that used in the Queen's fragments. See Pl. 35c, Fig.....
- 26-12-~~669~~ 667: Fragment of an offering list in compartments. Found in debris of G I c. See Pl. 35 c.
- 24-11-634: Fragment of two vertical lines of titles. Found in the Queen's boat grave. See Pl. 35 a, Fig.....
- 26-2-25: Two fragments of a base line with procession of at least three figures (estates?), feet of at least two men and a woman. The cutting is better than the fragments from G 7050, but different in style from the Queen's reliefs. Found in debris of G I c. See Pl. 35 a, Fig.....
- 25-12-673 b: Large fragment resembling somewhat in style the last. Man with hand on back of animal, and holding horns of an ibex. ~~From~~ Fragment of hieroglyphic labels over register below. Photo A 4373.

"26-12-667" is a typographical error most likely for "25-12-667."

29-7-10: Fragment resembling the reliefs assigned to the chapel of Khufuw-khaf's wife (G 7130). Small seated male figure, probably from a door-jamb. Man holds a staff and clasps a handkerchief in his hand on right thigh. Since figure is facing right it cannot come from the north door jamb of G 7130, to which another fragment found in that chapel has to be assigned. Its provenance must remain uncertain. Found in the debris of the Isis temple. See Pl. 35 g.

26-1-131: Fragment with small figure of a workman, naked but for a loin cloth. Found in debris of Isis Temple. Photo A 4374

25-12-673: Corner block with relief on two faces. Found in debris above second course of the casing of G I c. ~~Fragment from the relief of a workman, probably that of the workman from the Sixth Dynasty mastaba~~ The titles make it possible to identify this block as coming from the Seshem-nofer complex excavated by Junker at the south-east corner of the Great Pyramid (LG 53). Perhaps the piece formed the corner of the west wall of room (b) and the adjoining face of the north wall of the offering room with stela (c), although it may have come from one of the rooms newly excavated by Junker. On the long face is a small figure leading an animal and five lines of inscription over the large figure of the owner: 1) m!! 2) m t! mhty....., 3) h!ty-^c smr w'ty..... 4) t! i!mt t! hk!t(?)....., 5) imy r! snwty nswt im!h.... These face to the right and could come from the west wall of b. The adjoining face has a figure of a man wearing a sash and facing left, evidently the priest sweeping out the offering chamber after the ceremony. above him is written int rd. Photo A 4732

Pl. 34

5) Pyramid G I-c: Queen Henutsen(?): 46.85 m. square: with E face set back 3.55 m. westward of face of G I-b: stepped core and white casing as G I-a and G I-b: casing courses laid horizontally: NE corner founded on dressed rock emplacement and SE corner resting on two courses of a foundation platform.

Chapel: original chapel partly destroyed and obscured by the construction of the temple of Isis of the Pyramids of Dyn. XXII with later additions and alterations of the Saite-Ptolemaic Period: the old offering room ~~(partly)~~ partly preserved: rested on a masonry platform which raised the floor of the room about 0.18 m. above the base line of the pyramid: on this was built the walls of the room: as preserved the offering room, with one niche at S end of W wall, appeared to measure 7.7 (?) x 2.25 m.: area, 17.32 sq.m.: prop. 1/3.42: N-S room with entrance apparently just north of middle of E wall: with palace facade panelling on outside of E wall, on each side of door: I reconstruct the original chapel as a cruciform chapel of type (6a) on the basis of the chapel of G I-b and exterior panelling: two-niched offering room, 9.25 x 2.15 m.: area, 19.89 sq.m.: prop. 1/4.3: with entrance in middle of E wall: the panelling requires a court of an outer room (N-S) or a hall. See Plate 34

Burial Apartment: sloping passage descending from N: anteroom, and E-W burial chamber: anteroom converted into a horizontal passage after the introduction of the coffin, ~~by white masonry~~: burial chamber lined with white masonry: see Chapter VI, p. 130, and Fig. 65.

X measurement missing

by white limestone masonry
Vol. I,

↑ limestone

Terracing of street E of pyramid and area S of Pyramid: east of the pyramid south of the chapel the rock falls in a steep slope to the south to the front of G 5050: S of the pyramid the rock ~~falls~~ also to the east; at about 10 m. south of the pyramid a long rubble wall, mud plastered on the S side and about 3 m. wide ran E-W and was traced to a point south of G 7140: the street E of the pyramid and the area south of the pyramid had been filled out to the top of this wall with rubbish to form a continuation of Queen's St^h level with the base of the pyramid and this level was continued over the area south of the Pyramid.

~~At Stokab?~~
falls

APPENDIX B. p.7.

- 6) The twelve nucleus cores afterwards included in the eight twin mastabas of Cem. G 7000: each of massive corework, type IV-1, without chapel recess and each with one shaft south of middle:
 G 7110 in northern ~~row~~ E-W row: G 7120-7420 in middle E-W row:
 and G 7130-7430 in southern E-W row:

	Length:	Width:	Area:	Prop.:	Height:
G 7110	36.5 m	17.25	m..629.62	sq.m.1/2.11	4.32 m
G 7120	36.5 m	17.5	m..638.75	sq.m.1/2.08	5.18 m
G 7130	37.5 m	17.5	m..656.25	sq.m.1/2.14	6.61 m
? G 7210	36.0 m	17.0	m..616.0	sq.m.1/2.11	4.27 m
? G 7220	36.0 m	17.0	m..616.0	sq.m.1/2.11	5.40 m
G 7230	36.5 m	15.25	m..456.62	sq.m.1/2.39	5.25 m
G 7310	35.0 m	16.5	m..577.5	sq.m.1/2.12	5.37 m
? G 7320	35.0 m	16.5	m..577.4	sq.m.1/2.12	5.45 m
G 7330	36.5 m	15.5	m..565.75	sq.m.1/2.35	3.85 m
? G 7410	35.7 m	16.5	m..588.95	sq.m.1/2.16 (?)	5.00 m
? G 7420	35.7 m	16.5	m..588.95	sq.m.1/2.16 (?)	6.00 m
G 7430	36.0 m	15.5	m..558.0	sq.m.1/2.32	4.70 m

The two cores, G 7410 and G 7420 were incomplete. The E wall of both were traced from the SE to the NE corner. When the facing of the twin ~~mastaba~~ mastaba, G 7410+7420, was constructed, either the two cores were still incomplete or the W walls with the greater part of the N and S walls were destroyed and replaced by the facing of small stepped courses.

The whole cemetery of twelve cores appears to have been laid out on a uniform plan. Judging by the width, they were not constructed on the same nfrw level but were aligned approximately both in the N-S and the E-W directions. The fall of the ground to the southeast was not compensated by widening the mastabas. The cores were probably built in N-S lines from west to east. The three cores of each line were probably constructed simultaneously, ^{if} ~~if~~ the two cores ^{was} ~~was~~ being constructed when the plan of converting the cores of the two northern rows into twin mastabas was formed.

The dimensions of the cores show limited variations.

The spaces between the rows shows also some slight irregularity:-

Between G 7110 and G 7120, 8.5 m.: G 7210 and G 7220, 9.0 m.: G 7310 and G 7320, 9.2 m.: G 7410 and G 7420, 9.30m.
 Between G ~~7130 and 7130~~ G 7120 and G 7130, 8.0 m.: G 7220 and G 7230, 7.5 m.: G 7320 and G 7330, 8.0 m.: G 7420 and G 7430, 4.00 m.

- 7) The alteration of the 12 original cores to form the cores of eight projected twin mastabas; the two northern rows of ^{the} nucleus cemetery were connected by massive masonry and altered (see below G 7110+20, etc. The third or southern row of cores were enlarged by the addition of massive masonry of type IV-iii, on the south and for convenience I give here the measurements of these additions:-

? G 7140	28.5 m	17.0	m..474.5	sq.m.1/1.67	5.18 m
G 7240	29.0 m	15.5	m..449.5	sq.m.1/1.87	5.95 m
? G 7340	29.0 m	16.25	m..471.24	sq.m.1/1.72	5.70 m
G 7440	29.0 m	15.5	m..449.5	sq.m.1/1.87	5.95 m

- 8) The four northern twin mastabas as finished.

x Length
 xx Width
 xxx Breadth
 xxx Height

Pls. 36, 37
38a
40a

G 7110+7120: twin mastaba of Prince Ka-wa'ab and his wife, Princess (afterwards queen) Hetep-heres II: westernmost of four northern twin mastabas.

See Figs..... Printed in Volume I

See Pls.....

Owner:

Mastaba: core of massive masonry composed of old cores G 7110 and 7120 connected by massive masonry ~~xxxxxxxxxxxxxxxx~~ and altered for chapels:

interior

core, 81.5 x 13.25 m.: area, 1405.87 sq.m.: prop. 1/4.72: near the south end of old core 7120 a hole was broken and lined with masonry to form a recess for an interior chapel: at the SE corner of old core 7110 a hole was broken to receive another interior chapel.

Note

The core was cased in fine white limestone (x-masonry) and bonded with it two interior chapels of type (3a): the cased mastaba measured, 83.0 x 19.37 m.: area, 1607.71/sq.m.: prop. 1/4.28: height of ~~xxxx~~ G 7110, 4.32 m.: height of G 7120, 5.18 m.

Chapels: two interior chapels of white limestone bonded with casing, each with subsidiary N niche in casing.

Chapel G 7120: Prince Kawa'ab: see reliefs in G 7530: interior offering room (a) of white limestone built in recess reconstructed in core of G 7120: type (3a), with special deep niche at S end of W wall: badly destroyed, reconstructed from two stones in place and construction lines on pavement: 4.0 x 1.6 m.: area, 6.4/sq.m.: prop. 1/2.5: entered ~~from~~ by doorway in N end of E wall, opening in embrasure in sloping face of casing: against the sloping casing is constructed an exterior stone chapel of two rooms (b, c) and a pillared portico (d): which on the east is built over the sloping casing of G 7220: room b, 8.1 x 2.05 m.: area, 16.6/sq.m.: the west wall is built against the slope of the casing N and S of the doorway leaving the embrasure of room a partly exposed: in the W wall north of the doorway are two niches (0.35 m. above the floor) each containing emplacements for two statuettes (probably squatting scribes): S niche, 1.7 x 0.7 m.: with two emplacements ~~xxxxxxxx~~ side by side: N niche, 1.6 x 0.7 m., with emplacements not preserved: enlarged by doorway from c, at E end of N wall: room c, 1.5 x 2.85 m. area, 4.27/sq.m.: in W side, sloping casing exposed: on E, wall built against G 7220: doorway to b, in E end of S wall: entered from d, by doorway at W end of N wall: floor of doorway slopes down from level of d to floor level of c: portico d, open to N, with roof supported by two pillars: 2.5 x 4.25 m. (including pillars) area, 10.6 sq.m.: total area, a-c, 27.3 sq.m.: decorated rooms. total area, b-d, 31.5 sq.m.: exterior chapel. Sum total a-d, 37.9 sq.m.

Decorations of Chapel G 7120 (rooms a-c): by W.S. Smith:

- 1) Room a: reconstructed as Hordedef (G 7220): W wall, ka-door as G 7220: W wall N of ka-door, chief figures facing to left and registers of small figures in front, facing to right (as G 7140) feet of large figure preserved on slab still in place: S wall Kawa'ab seated at table of bread, facing to right (as G 7140): N wall, Ka-wa'ab standing facing to right, in either a family group ~~or~~ or an abbreviated presentation scene: E wall, ~~xxxxxxxx~~ Ka-wa'ab seated facing to right with registers of small figures facing to left (presentation of htmt as G 7130): N door-jamb standing figure of Kawa'ab (based on frag. (c)): S jamb, without clue: ~~facade panels in embrasures on each side of doorway on each side, Kawa'ab standing facing in with children (?) behind him (based on frag. (c)) and (d))~~ N Facade panel: owner standing with attendants behind him (see frag c below): S Facade panel: mother of owner /facing to right and two daughters behind him (see frags. d and 1 below)

/and owner

Mastaba G. 7110 + 20 has two heights for 7110 and 7120. Dr. will have to decide either to put down here two heights or average height. This is to be decided for all following mastabas. The heights of all mastabas in this text are written on the basis of reference card. O.P. - put in kept 1940 a.f.

Pls. 36, 37
38a
40a

G 7110+7120: twin mastaba of Prince Ka-wab and his wife, Princess (afterwards Queen) Hetep-heres II: westernmost of four northern twin mastabas.

See Figs..... Printed in Vol I

See Pls..... Also given other titles in tomb of daughter Meresankh III: hry hb, hry sp, hrp ntrt i!wt, 'i

Owner: S; ^{Dw!w.} nswt n ht-f smsw, rptt h!ty-' , wr md sm!w, hm ntr srkt, priest of Anubis, im!hw hr ntr 'i!

[imy]-is,

Dw!w

Core of massive masonry

Mastaba: core of massive masonry composed of old cores G 7110 and 7120 connected by massive masonry ~~composed of old cores~~ and altered for ^{interior} chapels: core, 81.5 x 17.25 m.: area, 1405.87 sq.m.: prop.1/4.72: near the south end of old core 7120 a hole was broken and lined with masonry to form a recess for an interior chapel: at the SE corner of old core 7110 a hole was broken to receive another interior chapel. The core was cased in fine white limestone (x-masonry) and bonded with it two interior chapels of type (3a): the cased mastaba measured, 83.0 x 19.37 m.: area, 1607.71 sq.m.: prop.1/4.28: height ^{of G 7110} 6.110.4.32m. height of G 7120, 5.18 m.

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

Decorations of Chapel G 7120(rooms a-c): by W.S. Smith.

1) Room a: The well preserved chapel of Khufuw-khaf, G 7140 can be used as a pattern for the inner offering rooms of the twin-mastabas, which, with some exceptions, probably followed the simple scheme of its decoration. The false-door at the south end of the west wall should have resembled that of Hordedef (G 7220), which is more complete than that of Khufuw-khaf.

West wall: At the north end of the west wall one slab remains in place showing the legs of Ka-wab, with his wife behind him, and in front a small naked boy holding a lotus flower (see Pl. 37 c and Fig.....) These figures face to the left and the wall must have been completed with several registers of offering bearers proceeding toward them. Frag. No. 24-12-994 with a cartouche (Fig....) containing the name Hw!w might be from an estate figure on this wall. Possibly the following fragments of inscription with titles and name, facing to the left came from over the large figures on this wall:

The head of a large figure of the prince (24-12-988) may come from here, but also could be assigned to ~~another~~ other walls (See Fig.....).

Entered

m., with emplacements not preserved: enlarged by doorway from c, at E end of N wall: room c, 1.5 x 2.85 m. area, 4.27 sq.m.: in W side, sloping casing exposed: on E, wall built against G 7220: doorway to b, in E end of S wall: entered from d, by doorway at W end of N wall: floor of doorway slopes down from level of d to floor level of c: portico d, open to N, with roof supported by two pillars: 2.5 x 4.25 m. (including pillars) area, 10.6 sq.m.: total area, a-c, 27.3 sq.m.: decorated rooms. total area, b-d, 31.5 sq.m.: exterior chapel. Sum total a-d, 37.9 sq.m.

ing, offering acted in S end ones in by sloping acted an red ing casing the west of the ed: in m. above nettes with 0.6 x 0.7

Decorations of Chapel G 7120(rooms a-c): by W.S. Smith:

1) Room a: reconstructed as Hordedef(G 7220): W wall, ka-door as G 7220: W wall N of ka-door, chief figures facing to left and registers of small figures in front, facing to right(as G 7140): feet of large figure preserved on slab still in place: S wall Ka-wab seated at table of bread, facing to right(as G 7140): N wall, Ka-wab standing facing to right, in either a family group or an abbreviated presentation scene: E wall, Ka-wab seated facing to right with registers of small figures facing to left (presentation of htmt as G 7140): N door-jamb standing figure of Ka-wab (based on frag.(c)): S jamb, without clue: facade panels in embrasures on each side of doorway on each side, Ka-wab standing facing in with children(?) behind him (based on frag.(c)) and(d).

on south facing casing from doorway toward mother(?)

- 2) Room b: with two niches which contained four statuettes (squatting scribes) in niches in W wall: S wall, with one or two windows (frag.(e)): presumably decorated in relief (see frag.(e)): E wall, probably also decorated ~~in relief~~ with large figure at S end of wall (see frag.(f)): doorway from b to c, probably decorated with standing figure of Ka-wa'ab facing out (frag. (g))x with name of Ka-wa'ab.
- 3) Room c: probably decorated or intended to be decorated: S wall, W of doorway to b, (frag(g), with part of female figure facing to left, probably behind figure of Ka-wa'ab): jambs of doorway from d to c, on each side above, crouching jakal (Anubis) (based on frag. (h), inscribed horizontally wsr spss hr ntr c;):
- 4) Portico, d: walls not decorated: but pillars apparently decorated on two sides with standing figure (based on frag. (i)).

Fragments in place or found in debris in the chapel:-

- (a) in place on slab on W wall of room a, N end: legs of man and wife standing facing in to left with small naked boy in front of man, also facing left and holding lotus flower in right hand. *in situ?*
- (b) 24-12-988: frag. from inner edge of N doorjamb: part of shoulder and upper arm of large figure of man standing facing out to right:
24-12-945: frag. with sloping border from outer edge of jamb: sloping border and one hieroglyphic sign part of border on ~~side~~ face of fragment.
- (c) large block from embrasure N of doorway to (a): with sloping surface: showing back of leg of large standing figure ~~clad~~ clad in long skirt (tunic?), facing to left behind him two small figures, standing facing in to left, apparently bearing objects and therefore personal attendants: by analogy one or more registers of small figures above this? *in situ?*
- (d) 24-12-1002: frag. apparently with sloping surface, with border on left: thigh of small female figure standing facing to right with two horizontal lines (1) ntr(?) ssm-t (2) Mryt-its: right hand hanging open and left hand probably on breast: in front of this, the hanging open hand of another female figure: probably from facade panel south of doorway to a and behind large standing figure or figures facing in to right.
- (e) Frag. showing the lower edge of a window: on the left in relief, ~~the signs~~ vertical line, signs facing to right h-(t?) hk; df...: assigned to SE corner of room b, on S wall, high up. *in situ?*
- (f) thick block with small end in relief: assigned to S end of E wall of room b, high up: (m);{....., obviously in front of a large figure facing to left: on left of vertical line, small figure of herdsman bowing to right holding stick in right hand, behind him, five head of of cattle standing en^wechelon. *in situ?*
- (g) two fragments from doorway from b to c:
24-12-1128: from western doorjamb northern edge: showing on jamb, border and hand and staff of figure standing facing out to right:, in front part of horizontal line reading K!wcb: on the other face (S wall of room c) border and open hand of standing female figure facing out to right, probably with Ka-wab in front of her.
24-12-855: from same jamb, southern edge: on doorjamb, hanging hand with handkerchief from large figure standing facing out to right: on N wall of ~~room~~ room b, block border which must have framed the doorway. *? left?*

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

- ✓ 24-12-1124: upper part of three vertical lines of titles:
 - 1) wr(md šmcr).....
 - 2) nswt.....
 - 3) m.....
 - 4) (hry)-hb..... perhaps the b on 24-12-1108b fits this. See Fig.....

✓ 24-12-1109b: border line of the same size as above, and one hieroglyph š. See Fig....

✓ 24-12-937: Possibly part of a title, see Fig....

✓ 24-12-859: Fragment probably from over head of wife: ...(hm)-t-f (mryt-f) (s:t) nswt.... See Fig.....

(These titles could also come from over the large figure on the east wall of room b).

False-door: The false-door has been entirely destroyed, but it was of the deep, special-niche type, and the following fragments are probably to be assigned to it:

- ✓ 36-3-64: corner stone probably from the back of the outer niche on the south side and the adjoining surface of the inner niche. On the face of the outer niche, the knees of a small offering figure facing to right. On the south face of the inner niche a strip of linen held up by a figure facing in to right. This would be one of a procession of figures proceeding in toward the back of the niche as in Hordedef (Fig.....) This figure probably held up a strip of linen in each outstretched hand, in front and behind him. See. Fig.....

✓ and 1113, 1116 (not illustrated)

- ✓ 24-12-1117 f, 1111, 1110, 948, 1109 a, 1108 a and perhaps 990 and 939. Although the last two are ~~some~~ problematical, 939 forming the name Ka-wab and 990 the title (imy)-is, the other fragments are certainly from the same architrave inscription forming an offering formula. Of this is preserved: (dy) nswt Inpw (htp).....first of the month...s: nswt.... (This inscription could also have come from the architrave over the entrance to a).

✓ file mb (not illustrated)

See Fig.....

North Wall: ~~These are fragments which could not be assigned to the north wall~~

✓ of his chapel (G 7140)

There are no fragments which can be confidently assigned to the north wall. Khufuw-khaf is shown on the north wall, leaning on his staff with his wife facing him (G 7140). In G 7650, Akhet-hetep is shown inspecting a presentation of animals. Such a block is the funerary priests on 24-12-946 (Fig....), but this is perhaps from the east wall, see below. The fragments of titles assigned below to the east wall may come from this wall also.

h might come from here

South wall: This probably contained a scene with the prince seated, facing to the right at a table with priests performing the funerary ceremonies as in Khufuw-khaf (G 7140) and many other chapels at Giza. A fragment from the list of offerings under the table is 24-12-987(2) with a large 1000 sign. See Fig.....

East wall: Several fragments are probably to be assigned to this wall:

- ✓ 24-12-988 a and 24-12-1114: Two pieces on Fig.... The first has part of the border line down the north edge of the wall and the hanging arm and back of a large figure of the prince facing to the right at the north end of the wall. 1114 is probably the hand of this figure holding a staff. ~~See Fig.~~

- ✓ 24-12-1115: Upper part of three vertical lines of titles probably from over the large figure on this wall (could come also from N or S wall of a or S wall of c)
 - 1).....
 - 2) nswt....
 - 3)..... See Fig.....

Fragments from at least two registers of large offering bearers

See Pl -

standing female figure facing out to right, probably with Ka-wab in front of her. 24-12-855: from same jamb, southern edge: on doorjamb, hanging hand with handkerchief from large figure standing facing out to right: on N wall of room room b, block border which must have framed the doorway.

Fig.

~~(h)x24x22*~~

- (h) 24-12-1125: assigned to top of W jamb of doorway from d to c: the tail of a crouching jackall facing out to right, with remains of horizontal line of large hieroglyphs, wsr spss hr ntr c!.
- (i) 24-12-861: frag. from top corner of a pillar: shows two lateral surfaces at right angles: on each face a raised border at top and down the edge: on the left-hand surface is the end of a horizontal line (s; nswt n) ht-f with signs facing to left: could be assigned to SW corner of E pillar, or to NW corner of W pillar thus the pillars were decorated on N side with standing f figure facing ~~matixitixiximprobablextkaxitixether~~ in and on the two facing surfaces (W on E pillar and E on W pillar), with a standing figure facing out: it is improbable that the other sides of the pillars were decorated and it is possible that only one side of each pillar was decorated.
- (j) 24-12-108, 109a, 110, 1113, 1116, 1117, 1111, 948: Ten small fragments from an architrave: horizontal inscription in relief with large signs: the scattered words show an offering formula, nswt, Inpw, parts of names of festivals, s; nswt ... and K;-wcb: probably from architrave of ka-door in room a but possibly from over doorway from b to a.
- (k) 24-12-994: small frag. bearing middle part of cartouche reading Hwfw, probably from name of a Cheops-estate: possible from top of W wall of room a.
- (l) 24-12-1000: small rectangular block with broken edges on right and left: on left edge, front edge of leg of standing female figure in long tunic, fairly large figure: in front of figure remains of two horizontal lines of inscription (relief), large signs reading (1) ... ms-s n (2) Hwfw in cartouche: reconstructed as figure of mother of Kawa'ab with figure of her son behind her, with inscription beginning at top of wall, (lwt-f ms-t sq m; Hr-St and other titles of queen mwt msw nswt) msw-s n(nswt bity) Hwfw: probably from facade panel south of doorway to a, with the two girls of frag. (d) to the left of this block.
- (m) 24-12-1001: block of stone, 56 cm. high and 35 cm. wide, broken away on right side: on face a register 48.5 cm. high, ~~with~~ with traces of a register above and another below: main register shows middle of papyrus boat on water, with man standing in middle leaning on staff, facing to right behind him a two storied crate containing ducks, and on the crate a heron stands facing right, above heron the word nw and behind this a broken sign with t under it: register above unintelligible: register below, a broken horizontal line of hieroglyphs ... s; ... m: assigned to exterior chapel probably E wall of room b.
- (n) 24-12-1125: frag. showing man squatting facing to right holding in each hand reed or twine, obviously making mat: subregister above mat, obscure.
- (o) 24-12-.....: frag. showing man seated facing to right, ~~wik~~ with right knee up and left leg half extended: arms obliterated but apparently extended: behind him a basket on a rectangular stand(?): surface in front of man unintelligible: probably from swamp-scene from E wall of room b.
- (p) 24-12-858: small frag. showing mat-skirt and part of legs of herdsman, facing right: assigned to E wall of room b.
- (q) 24-12-938: small frag.: man in boat pulling oar: head missing.

"24-12-108, 24-12-109a, and 24-12-110," mentioned here are typographical errors for "24-12-1108, 24-12-1109a, and 24-12-1110."

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

APPENDIX B. p.10.

facing to left, and probably from this wall:

✓24-12-852 and ✓860: two fitting fragments showing the feet of at least two figures in an upper register and below a man carrying a jar raised in each hand and followed by a man with a ~~game~~ cooked goose and a cut of meat. The hand of a third figure carrying some object appears on the right. Fig.....

✓24-12-853: fragment with the feet of a figure on the same scale Fig.....

✓24-12-946: The back of a man on same scale as above, and a second figure reaching back as though to pull an animal (compare similar figures dragging an oryx in processions of offering bears). The second man is labelled: hm k'. See Fig.....

North jamb of entrance door:

✓24-12-949: A small fragment with sloping border line and the hieroglyph r (title rp't ?) from a large inscription. The other face of this fragment shows the border line of the scene on the facade on the north side of the entrance. No other fragments can be identified with the entrance door jambs.

Room b: A long north-south room constructed in the street against the casing of Ka-wab's mastaba, with its east wall built against the casing of G 7220. Entrance from room c on the north. The west wall includes the embrasure of the entrance to room a, but the construction partially covers the scene on the north side of this embrasure. In this wall, north of the embrasure were two niches with emplacements in which probably stood the statues of Ka-wab as a scribe, fragments of which were found in the debris. The upper part of this wall is destroyed making it impossible to determine the height of these niches, or whether the wall above them was decorated. See Pl. 36 b and d.

Entrance embrasure to room a: north side of facade:

A large block with a sloping face evidently comes from here. It shows the back leg of a large striding figure of Ka-wab in a long skirt, facing left. He is followed by two small figures of men, attendants, or sons of the prince. The figures have been partially chiselled out and it looks as though this was the portion of the wall covered by the west wall of room b. The front part of Ka-wab's figure with his names and titles (now completely destroyed) would have shown on the facade, after this alteration in the construction. It evidently has to be assumed that the facade of the embrasure was already decorated when the decision was made to build the west wall of room b with its statue niches. The other walls of room b, c and the portico could have been commenced earlier, but the sloping casing of the mastaba front has been cut away to form a vertical wall, both in the west wall of room c, and in the backs of the statue niches. Also the west wall of room b would have been needed to support the roofing blocks. Therefore it looks as though the whole exterior chapel was planned as an afterthought when the inner offering room a had been completed and decorated. It is curious that the architect should have chosen to cover partially the facade reliefs. See Pls. 36 b, d and 37 e, Fig.....

Southern facade of entrance embrasure.

✓24-12-1002: Block with sloping surface and border line on left. Evidently from ~~the southern end of~~ southern end of west face of embrasure. Thigh of large female figure standing facing to right. In front of her: ššmt ntr Mrt-tf-s. On the right is the hand of another large figure, drawn in such a fashion that the figure must be facing to the left. This is unusual, but compare facade of G 7130, Fig..... I suggest that the title ššmt ntr is related to the Queen's

man unintelligible: probably from swamp-scene: from E wall of room b.

Fig. (p) 24-12-858: small frag. showing mat-skirt and part of legs of herdsman, facing right: assigned to E wall of room b.

Fig. (q) 24-12-938: small frag.: man in boat pulling oar: head missing.

H broken but he is probably plucking a bird.

+ 24-12-991-b

- (u) 24-12-852, 860: two adjoining frags. showing upper part of one register and lower part of the register above: above, feet of small standing figures: below, head and shoulders of two standing men: one man holds ~~in~~ in front of him a spouted jar and behind him a wine-jar the second man carries a haunch of meat on his shoulder and holds up a pitted bird in right hand: all figures face to left: possibly from S wall of room b (see frags. (v, w, x).
- (v) *h man* 24-12-946: from one register: shoulder and back of man facing left, perhaps driving an animal before him: behind him is written hm-k; in front of a second/facing left with arms thrust back as man pulling in cry. assigned with (u) to S wall of room b.
- (w) 25-5-52: frag. of two registers: above feet of horned animal facing to left: below upper part of man facing to right sharpening knife, part of slaughter scene: assigned with (u) and (v) to S wall of room b.
- (x) 24-12-857: frag. of one register: part of slaughter scene with bull lying with head to right (tail and part of body): foot of man facing right and feet of another man facing left: unintelligible rectangular object on left: assigned with (u, v, w) to S wall of room b.
- (y) 25-2-313: two small fitting frags. part of scene showing men bringing down bull for slaughter: hind leg of standing bull with man close behind in peculiar attitude: on right another foot of man poised on toes: bull and both men face to right: unassigned.
- (z) Frags. with parts of large figures:-
 24-12-988: portion of face and wig, facing left:
 24-12-855: frag. of wide necklace.
 24-12-1114: hand with staff, facing right.
 24-12-940: hand of figure facing left, perhaps leaning on staff.
- (aa) Frags. showing parts of small figures: 24-12-943, 990, 853, 991b, 997, 993, 24-12-1109c, 989a, 1112, 989b, 984
- (bb) Unintelligible fragments: 24-12-945, 987, 998, 990^b, D, E, F, 992: 24-12-941, 1099, 995, 1108.
- (cc) 24-12-999, 1124: two fitting frags. showing types of four vertical lines of large signs facing to left:
 (1) wr
 (2) nswt.....
 (3) m.....
 (4) hry-hb.....
 probably from west wall of room a or E wall of room b.
- (dd) 24-12-1115: frag. of upper part of three vertical lines of large signs facing to right:
 (1)
 (2) nswt.....
 (3)
 assignable to N, S, or E wall of room a, or S wall of room c.
- (ee) 24-12-859: frag. part of one vertical line of large signs facing to left: reconstructed as (hmt-f mry)-t-f (s;t) nswt: from above wife's figure in chief scene: see (cc) above.

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

(u) 24-12-858: is a adjoining frags. showing upper part

title hrp ššmt and that we have here Ka-wab facing his mother the queen of Pyramid G I a. The ~~parallel~~ nearest parallel to such a scene would be that of Khufuw-khaf and his mother on the facade of G 7140 (See P₁.....). See Pl. 37d, Fig.....

✓ 24-12-1000: This block is to be assigned with less assurance to the same facade space. ~~It is suggested that the block of Khufuw-khaf's mother on the facade of G 7140 is the same as 24-12-1000.~~ The inscription on the right presents difficulties. Dr. Reisner restored it as follows based upon the inscription of Khufuw-khaf's mother: (mwt-f mšw m!; Hr Šth and other titles of the queen, mwt mšw nšwt) mšw-š n (nšwt bity) Hwfw. He would have placed it to the right of block 1002, believing that both figures on that block faced to the right. Fig..... is an adaptation of Dr. Reisner's reconstruction of the inscription to include that on block 1002. I believe that both blocks belong to the same figure of Queen Merytyetes. There does not seem to be room for nšwt bity in front of the cartouche of Hwfw. The sketched reconstruction lacks some twenty centimeters of filling the whole facade, and there may have been an inscription behind ~~the~~ Ka-wab, or some small attendant figures. I consider this unlikely, however. Figs....., Pl. 37 a.

South Wall: A block which appears to be the thickness of the south wall (although it could possibly come from the upper part of the east wall) has the lower corner of a window opening into room b. It could be assigned to the east end of the south wall, high up in the wall. ~~South-left side of the~~ To the left of the window frame is part of ~~the~~ an inscription in relief which could form the label of ~~an~~ an overseer standing in the corner of the wall beside the window: hk! h.t and the name(?) Bf(!). Beneath is a fragmentary sign which may be part of (rn) iw! over cattle in a ~~register~~ register running under the window. Fig.....

East Wall: This long wall was decorated with scenes from life. The unusual thickness of most of the blocks makes it ~~probable~~ probable that they came from this wall, built against the sloping casing of G 7220.

A thick block with the small end decorated with relief can be assigned to the south end of the wall. It shows the upper part of a long vertical inscription such as is usually placed in front of a large figure of the owner surveying the activities of his estate: m!..... To the left of this is a bowing herdsman followed by the overlapping figures of three head of cattle. Thus it is probable that at the south end of the wall stood a large figure of Ka-wab viewing scenes on his estate, much as in the better known Dynasty V scenes which are found completely preserved for the first time in the rock-cut tombs of the Chephren family/but had been anticipated in the tombs of ~~Ra-hotep~~ Neferma'at and Ra-hotep at Medum. The herdsman and cattle were in the top register of the wall, since the hieroglyphs on the right form the beginning of the vertical inscription. See Pl. 36 b, Fig..... *If the principle figure leaned on a staff this might be the source of fragment 24-12-940, see Fig.....*

/late in Dyn. IV

✓ 24-12-858: small fragment of figure wearing a herdsman's mat skirt. Probably from a similar register of the presentation of cattle.

assignable to N, S, or E wall of room a, or S wall of room c.

(ee) 24-12-859: frag. part of one vertical line of large signs facing to left: reconstructed as (hmt-f mry)-t-f (s/t) nswt: from above wife's figure in chief scene: see (cc) above.

Atlas III,

- ✓ 24-12-1001: Thick block with part of swamp scene on end. The main register preserved shows a man overseer leaning on his staff in a boat returning from the swamps. Behind him a tame heron stands on a crate filled with captured ducks. Over the heron is a partially preserved inscription. Whether the nw is a label for the heron meaning 'hunter', or whether it ~~continues~~ is continued by the two signs on the left in some phrase like ~~xxxxxxx~~ those over the bird trapping scenes in the tomb of Ti, I am unable to determine (cf. Wreszinski ~~iii~~ Pl. 75). The ~~inscription~~ hieroglyphs in the register below are part of a horizontal inscription which was probably over a fishing scene, although the phrase also seems to signify bird catching. It is to be restored:h!m m (mh.t ?)... (cf. Montet, Scènes de la Vie Privée, p. 4).
- ~~xxxxxxx~~ The traces in the register above the boat are not easy to interpret, but seem to be part of the horn or tail of an animal being slaughtered. Since some other fragments mentioned below with details of a slaughter scene have a base line of the same width, I would group them together and place them in ~~xxxxxxx~~ this upper register. See Pl. 37 g, Fig....
- ✓ 24-12-1184 and a large fragment which probably fits with it. These show a seated figure probably cleaning a bird (cf. Wreszinski, Atlas III, Pl. 81 for a similar figure). Certainly this figure is part of the swamp scene, either in the same register with the boat, which probably also contained a bird trapping scene, or adjoining the fishing (or bird trapping) scene in the register below. See Fig..... Pl. 37 g.
- ✓ 24-12-1126 plus 1109c and 989 a. These fragments which perhaps fit together are similarly to be placed in relation to the swamp scene. The man is probably making a mat. (cf. Wreszinski, l.c., Pl. 89). See Pl. 37 d, Fig.....
- ✓ 25-2-3137: Two fitting fragments showing feet of men and leg of a bull which they are evidently pulling down for slaughter. The earliest known example of this scene hitherto was in the rock-cut chapel of Nebemakhet (Lg 86). Compare also Wreszinski, l.c., Pls. 59, 86. See Fig.....
- ✓ 24-12-987, 997, 993: three fragments with a similar base line and unintelligible shapes in the register above which may be parts of slaughtered oxen. The head of man in the register below appears on one piece. See Fig.....
- ✓ 24-12-857: The feet of several man and the tail of a slaughtered bull appear on this block, but the base line may be wider. It is badly obliterated. See Fig....
- ✓ 24-12-1112: The heads of two small male figures on the same scale as the figures in the slaughter scene. See Fig.....
- ✓ 25-5-52: Block with part of two registers divided by a base-line narrower than on the preceding fragments, and therefore perhaps from another wall. Below, a man sharpening a knife and above the legs of a walking animal. Possibly from north wall of room a or south wall of room b. See Fig.....
- ✓ 24-12-991 b, 24-12-938: two small fragments which are probably both from ~~xxx~~ a scene with men rowing a boat. Possibly from this same east wall, but perhaps from the space over the door on the east wall of b. Cf. similar reconstruction suggested for the pyramid of I b on p. See Fig.....

Room b: north wall: there are no fragments that can be assigned definitely to this wall. See 24-12-855a below

Doorway from b-c: west jamb: Large standing figure of Ka-wab facing out to right:

✓ 24-12-1128: From northern edge of jamb with border down right side. Arm and hand of prince holding staff, and above his name: K!-w!b. See Pl. 37 d. Fig.....
On the other face, (south wall of room c) border down left side of wall, and hanging open hand of a woman's figure facing to right. This was evidently a figure of Ka-wab's wife or mother. See Fig.....

✓ 24-12-855 a: From left edge of jamb with painted block border down ~~xxx~~ left side and hanging hand of prince holding handkerchief. The other face (north wall of room b) has simply a fragment of the painted block border which would have framed the door. Fig.....

Room c: For south wall, see above. The figure of the woman ~~xxxxxx~~ adjoining the door could represent Ka-wab's wife, Hetep-neres, ~~xxxxxxxxxxxxxxxxxxxx~~ or it could be his mother, Merytyetes. The woman could be standing behind Ka-wab, or facing him.

North wall: no fragments can be assigned definitely to this wall.

East wall: There may have been a single standing figure of Ka-wab on this wall. This might explain the following fragment if the prince's name were in the upper left-hand corner of the wall in front of him:

✓ 24-12-854, perhaps fitting ✓ 24-12-947: The space at the left ~~had been~~ shows plaster where it had been covered by the thickness of a wall. The inscription reads s! K!-w!b. There appears to be no room for s! nswt. Fig.....

Doorway between portico and room c (descending ramp): Two fragments which evidently form part of a large figure of Anubis with accompanying inscriptions as on the entrance jambs of Khufu-khaf (Pl. 43 and Meresankh III (Pl. 63).

✓ 24-12-1125: Tail of large crouching jackal (Anubis) and beneath it a horizontal inscription: wsr spsét hr ntr ~~xxx~~. From ~~xxxxxxxxxxxx~~ west jamb of door. Fig..... Pl. 37 d.

✓ 24-12-990 c: Paw of crouching jackal from east door jamb. See Fig....

Portico: ✓ Fragment 24-12-861: From top corner of a pillar: shows two lateral surfaces at right angles. On each face is a raised border at top and down the edge. On the left-hand surface is the end of a horizontal line of inscription: (s! nswt n) ht-f with signs facing to left. This could be assigned to the ~~xxxx~~ SW corner of the east pillar, assuming that the columns were only decorated on their inner and southern faces, or to the NE corner of the west pillar if they were only decorated on the inner and north faces. It is improbable that the sides facing the sloping casing of the two mastabas were decorated.

There remain a number of fragments, some of them bits of inscriptions to which no location can be assigned, part of them wholly unintelligible pieces. These are listed as follows:

not drawn ✓ 24-12-1117 e which perhaps is part of 24-12-1122: The name of Ka-wab written vertically with signs facing left. Underneath this a sign facing right and thus belonging to another inscription: s!. This arrangement is hard to explain. Fig.....

✓ 24-12-942: part of two vertical lines of inscription. That on the right perhaps contains the name Htp-hrs, the wife of Ka-wab represented in the tomb of their daughter Meresankh III. Fig...

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page. Underneath the paper this page is blank.

- (ff) 24-12-854: frag. the left side of which has been covered by masonry: large hieroglyphic signs facing to left: the same K;-wcb written horizontally with traces of titles above: probably from front of face of large figure on E wall of room c.
- (gg) Small fragments from inscriptions:-
 24-12-997: cw-(t): vertical.
 24-12-937: frag. from the front end of a register of figures facing to right: a vertical line of signs endingr with plural signs.
 24-12-939: part of the name of Ka-wa'b written vertically.
 24-12-947: and another frag: each with the word s; "son".
 24-12-1122: sliver of stone with vertical signs: above (K;?) -wcb (man squatting and letter b) and facing to left and below the b a goose (s;) facing to right.
 24-12-942: frag. with vertical line in relief with illegible signs on right:
 24-12-991: ... n rvertically.
 24-12-987: with h;(1000).
 24-12-990: is (papyrus roll):

"36-3-364" mentioned on this page is a typographical error for "36-3-64."

- (hh) 36-3-364: frag. from a corner with border on each side of corner: probably from S side of ka-door in room a: on W wall south of niche, knees of standing figure facing to right: probably with second figure behind him: border in front and signs(?) behind chiseled away: on other face, the side of the outer niche traces of another standing man facing in to right extended out, holding strip of linen in right hand extended out behind: probably another strip in extended left hand held out in front.

Statues in Chapel G 7120:

A mass of fragments of statues and statuettes of granite and diorite were found in the debris of the nearly destroyed exterior chapel and in the debris of the street north of the chapel and in avenue 2, south of the chapel: of these six were inscribed with the name of Kawa'ab:

- 1) 25-1-393: squatting scribe, lower part, diorite: width, ~~52x33x11~~ 28.5 cm.: h., 19.5 cm.: inscribed on lap, iry pcty s; nswt K;-wcb: from shaft G 7111 B: a smaller frag. under 25-1-392. Smith l.c., Pl.10.
- 2) 34-4-1: squatting scribe, lower part, diorite: width, 52 cm.: height 32 cm.: inscription on belt, wr md smcw K;-wcb: inscription on lap, dy nswt htp 1000 bread, beer, cakes, ointment, linen, cattle, and birds rc nb n wr md smcw K;-wcb: inscription on top of basis,(r)pcty(?) s;-r smsw wr md smcw/K;-wcb: found beneath roofing slab of portico d of chapel just outside portico. Smith l.c., Pl.10
- 3) 24-12-467: standing or seated figure, diorite: right side of basis with part of left foot, bottom of basis polished: height of basis, 8.5 cm.: inscription on top, h;ty c K;-wcb: Avenue 2, south of G 7120 exterior chapel.
- 4) 25-1-1313: standing or seated figure, diorite: ~~right side of basis~~ left hand corner of basis/ bottom of basis polished: height of basis, 8.6-8.8 cm.: perhaps from the same statue as No.3: found in G 7111 D: ~~inscribed on top of basis:wcb.~~
- 5) 24-12-978: frag. from left side of basis, diorite: inscription on top, K;-wcb: found in exterior chapel room b. Prove that at least five statues of Prince K;-wcb stood in his exterior chapel: two niches in W wall of room b, north of doorway to a, show emplacements for four statues, probably squatting scribes: in addition the following fragments were

/wr md

inscribed [K;-wcb]:

?
see over

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

✓ 24-12-.... the single sign s!, facing left. Fig.....

✓ 24-12-991: two large signs reading : nr. Fig.....

✓ 24-12-1117 c and d: two fragments with titles of Ka-wab. One with nswt and the other with ! Dw,w. Fig.....

not drawn

24-12-997: part of an unintelligible inscription. See Fig....

✓ 24-12-996: Fragment of another unintelligible group of signs. Fig....

not drawn

24-12-1109 d: Fragment which appears to ~~represent~~ represent the shoulders and neck of an animal wearing a collar. Fig....

Fig.contains thirteen fragments which are almost wholly unintelligible

A not drawn

✓ Nos.: 24-12-945 (perhaps part of a large human figure), 1109 e, A 990 d, A 855 b, A 990 b, A 990 e, A 984 (two), A 990 f, A 992, A 941 (perhaps part of the wig of a figure), 1117 e and 998.

In addition there are a few other fragments which have not been

illustrated:

not drawn

24-12-943: feet of a small figure, facing right.

24-12-989 b: back of woman's figure and hanging hand, facing right.

24-12-944: unintelligible

24-12-862: unintelligible.

24-12-995: perhaps part of an inscription, but unintelligible.

The above pieces are all part of the reliefs of Ka-wab, but there were some other fragments which probably had been scattered from tombs of the later Old Kingdom. They cannot have come from Ka-wab's chapel, although they were found in the debris of the street in front of it or on top of the mastaba. These are:

✓ 24-12-564: Small piece with the title tp hr nswt. Signs face left, a border down the right side and a straight line across the top of the signs. From debris between 7120 and 7130.

✓ No number. Two pairs of overlapping male figures, evidently the bearers from a carrying chair scene, and probably a Sixth Dynasty piece. From west of G 7120

✓ 24-12-1183: men pulling flax, found in pit A of the mastaba.

✓ 24-12-1185: men pulling the cord of a bird trap. Also from pit A.

Statues in Chapel G 7120:

A mass of fragments of statues and statuettes of granite and diorite were found on the debris of the nearly destroyed exterior chapel and in the debris of the street north of the chapel and in avenue 2, south of the chapel: of these six were inscribed with the name of Ka-wab:

H Ka-wab

1) 25-1-393: squatting scribe, lower part, diorite: width, 52 cm.: height 28.5 cm.: h., 19.5 cm.: inscribed on lap, ! nswt K!-wcb: from shaft G 7111 B: a smaller frag. under 25-1-392. Smith L.C., Pl. 10. (Boston)

H rjst

Boston

✓ 2) 34-4-1: squatting scribe, lower part, diorite: width, 52 cm.: height 32 cm.: inscription on belt, wr md šmcw K!-wcb: inscription on lap, ! nswt htp 1000 bread, beer, cakes, ointment, linen, cattle, and birds rc nb n wr md šmcw K!-wcb: inscription on top of basis,(r)pct(?) s!-f šmsw wr md šmcw K!-wcb: found beneath roofing slab of portico d of chapel just outside portico. Smith L.C., Pl. 10. (Black granite?)

inscribed

Boston

✓ 3) 24-12-467: standing or seated figure, diorite: ~~right~~ ^{left} side of basis with part of left foot, bottom of basis polished: height of basis, 8.5 cm.: inscription on top, h!ty-c K!-wcb: Avenue 2, south of G 7120 exterior chapel. Pl. I. (4/4)

24-12-979

Boston

4) 25-1-1313: standing or seated figure, diorite: ~~right~~ ^{left} hand corner of basis, bottom of basis polished: height of basis, 8.6-8.9 cm.: perhaps from the same statue as No. 3: found in G 7111 D: inscribed on top of basis.

L inscribed [K3]-wcb:

Boston

Boston

✓ 5) 24-12-978: frag. from ~~left~~ ^{right} side of basis, diorite: inscription on top, K!-wcb: found in exterior chapel room b. These fragments prove that at least five statues of Prince Ka-wab stood in his exterior chapel: two niches in W wall of room b, north of doorway to a, show emplacements for four statues, probably squatting scribes: in addition the following fragments were

h (Pl. 16 4/3)

H right

h (Pl. 16 4/5)

Boston

found in this chapel:-

see back

Note: there is nothing written on the back of this page.

"24-11-978" mentioned here is a typographical error for "24-12-978."

- ✓ 6) 24-12-931+978: six frags. from shoulders, left arm and torso of statue of large statuette about 1/4 life-size, diorite: exterior chapel. Pl. 1b (4/6)
- 7) 24-12-978: 342 fragments, many of them mere splinters of statues and statuettes: mostly of diorite (light translucent and dark translucent) but a few of granite: found on or just above floor of room c and portico: chief frags., as follows:
 - ✓ a) front corner of right side of full wig, diorite. Pl. 1b (2/4)
 - ✓ b) frag. from leg below knee, diorite.
 - ✓ c) frag. from leg above ankle, diorite. (Pl. 1b 1/5)
 - d) first and second toes of left foot, diorite, perhaps part of 24-12-621a; fits 24-11-978q, to form part of left foot. Pl. 1b (3/5)
 - e) frag. from ~~fragments of full wig, diorite, with part of left hand, diorite.~~ right shoulder, 10 x 3.2 x 4.5 diorite. Pl. 1b (2/3)
 - f) frag. from back of shoulder, 10.8 x 8.2 x 7.8 cm. diorite. Pl. 1b (1/1)
 - g) frag. from leg above ankle, 7 x 5 x 7 cm.: diorite.
 - ✓ h) fragment of left leg placed forward with part of its support, 10.4 cm. long: diorite. Pl. 1b (1/6)
 - ✓ i) frag. of right foot with roots of toes: life size: diorite. Pl. 1b (3/4)
 - ✓ k) frag. of left hand open on knee of seated statue: width of hand, ca. 5.6 cm. (ca. half life size) diorite. Pl. 1b (3/1)
 - l) frag. from wrist of statuette similar to (k): diorite.
 - ✓ m) frag. from lower part of face showing mouth, left cheek, and bit of nose, about same size as (k) and (l): diorite. Pl. 1b (3/8)
 - n) frag. from ankle, nearly life size: diorite. Pl. 1b (2/2)
 - o) frag. from outside of right ankle: ca. life size: diorite.
 - p) frag. of left leg above ankle, ~~ca.~~ nearly life size: diorite.
 - ✓ q) see fragment d,
 - r) frag. of knee: diorite. Pl. 1b (2/1)
 - s) frag. inside of leg and edge of skirt: diorite.
 - ✓ t) four small frags. of full wig, life size or nearly life size: diorite. Pl. 1b (2/7-10)
 - ✓ u) frag. from wig of a different statue, about same size as (t): diorite. Pl. 1b (2/6)
 - ✓ v) see No. 6 above.

These fragments indicate several statues and statuettes, life size and about half ~~life~~ life size which were smashed in the exterior chapel and probably ~~represent~~ represent figures of Kawab standing, seated and squatting.

- ✓ 8) 24-12-621: nine frags. of which only three were of recognizable form: diorite: (a) frag. left foot without toes see No. 24-12-978 ~~above~~ above: life size or nearly life size; (b-c) two fragments of one side of an arm: found in debris over destroyed S wall of exterior chapel.
- ✓ 9) 24-12-827: frag. from right foot of standing statue perhaps same as 24-12-621a: diorite: found in debris of plundered shaft G 7120 X intruded S of chapel in Ptolemaic-Roman Period. Pl. 1b (1/2)
- ✓ 10) 24-12-980: ten frags. of statues of black granite: found in rooms c and portico d: (a) frag. from inside right elbow of seated statue, about life size: (b-c) ~~two~~ joining frags from inside left elbow of same statue. d-h) six frags., wig, breast, etc. probably from same statue. See Photo C 11048.

h Pl. 1b (1/2)

- Basin
- ✓ 11) 24-12-1105: small squatting scribe, breast to legs: total height of figure ca.15 cm.; translucent diorite; skin painted red: found in debris immediately north of portico. Pl. 1 & (3/4)
 - ✓ 12) 24-12-1181: five frags. of diorite statue or statuette: found in thieves hole broken in floor of passage from d to c.
 - ✓ 13) 24-12-851: frag. showing collar bone and base of neck of a life-sized statue: diorite; debris of exterior chapel. Pl. 1 & (4/1)
 - not drawn 14) 24-12-979: eleven frags. of red granite statue: found in debris of rooms c and d.
 - Basin ✓ 15) 24-12-339: frag. from throne of seated statuette inscribed vertically in front smr wcty n mrwt: found in debris of Avenue 2 south of G 7220: black granite. Pl. 1 & 4/2

Conclusion: the exterior chapel of Prince ^{Ka-wab} ~~Kawa'ab~~ had contained 10-20 statues and statuettes exposed to view, 4 in recesses in the W wall of room b and the rest standing on the floor in rooms b and c and in the portico d: figures standing, seated or squatting were of different sizes from 1/4 to full life size: one large figure had a small figure beside it (see No.12, above).

Chapel: G 7110: built in recess broken in SE corner of old core G ~~7110~~
 G 7110: bonded with white casing: belonged to the wife of Prince Ka-wa'ab who according to G 7530 was Hetep-heres II, daughter of Cheops.

Chapel almost completely destroyed, but remains of deep special niche at south end of W wall shows an interior chapel of type (3a) similar to chapel G 7120 but slightly smaller measurements not to be fixed: in ~~the~~ street east of destroyed stone chapel, a stone pavement extending to about 5.5 m. N of chapel with remains of c.b. walls built on it.

Decoration of Chapel G 7110: six fragments of relief found in debris of chapel:-

- ✓ 1) 24-12-1107: chief figure, woman seated on chair, lappet wig and long tunic facing to right: right arm bent at elbow: back of head, body, and upper part of chair. See Fig., Pl. 37 &.
- ✓ 2) 24-12-1097 small frag. of inscription, sm!-t nb(ty) mryt-f (?): with vertical line on left: probably from figure of mother. signs facing to left. See Fig.
- 3) 24-12-1101: frag. of inscription, parts of three vertical lines: (1) (r)dyt šš
- ✓ (2) (r) m!;
- (3) hm (ntr) pr

cf. inscription of Khemten on S jamb of G 7530: signs facing to left.

- ✓ 4) 24-12-1095: small frag. from outer edge of sloping N door-jamb: border down right side; to left of border,t and head of small figure facing to left, below the t:
- ✓ 5) 24-12-1100: frag. showing lower ~~and~~ legs of two female figures bearing offerings (estates?). facing to left.

24-12
+855c

- 6-8) three small fragments: See Fig.
- ✓ 24-12-1098: bears portion of a necklace probably fits with 24-12-
- ✓ 24-12-1096: with single sign š: facing to right. 855c
- ? 24-12-1099: ~~bit from back of wig of a figure.~~

Drawing
measure

This fragment really unrecognizable and not found.
 I reconstruct this chapel as having been prepared (perhaps not finished) for Hetep-heres II, at that time bearing only the titles of a king's daughter. The Fragment No. 2) indicates that a queen appeared in the chapel, evidently the mother of Ka-wab as shown in his own chapel, whose name was probably Mentjehes.

Shafts: four shafts, two in G 7110 and two in G 7120: in G 7110, shaft A on N and shaft B on S: in G 7120 shaft A on N and shaft B on S: the two shafts G 7110 B and G 7120 B were the original shafts in the nucleus cores; shafts G 7110 A and G 7120 A were made after the twin core was constructed: G 7110 A and G 7120 B were never excavated in rock: G 7110 B was intended for the wife but never finished or used: G 7120 A was completed and used for the man.

Shaft G 7110 A: two meter shaft lined with large nummulitic blocks ending at rock surface: ca. 4.5 m. deep: type 7 X: unused.

✓ Shaft G 7110 B: 1.9 x 1.8 m., -9.8 m. in rock: lined through mastaba with heavy nummulitic masonry, 4.45 m. (3 courses): Chamber: type 3 a(f): on S: 4.5 x 5.0 m.: h., 3.5 m.: area, ~~22.25~~ 23.25 sq.m. (unfinished): capacity, 77.87 cu.m. Passage: 2.1 x 1.1 m. with height of 1.42 m. ~~maxxxxxxxef~~ **burial** No trace of burial: debris, dirty rubbish and sand: ~~In debris of chamber, frag. of alabaster statue and small alabaster model saucer, both intrusive.~~

insert →

Shaft G 7120 A: burial shaft of Prince Ka-wa'ab: 2.05 x 2.0 m., -10.4 m. in rock: lined with massive masonry, 3.5 m. (5 courses): turning recess in N wall of shaft at bottom, 1.05 x 1.85 m. and 1.35 m. high with horizontal roof:

Chamber: type 3 cf: on S: 5.0 x 5.0 m.: h., 3.5 m.: area, 25/sq.m.: capacity, 87.5 cu.m.:

Passage: 2.0 x 1.35 m., and 1.57 m. high: in E side of passage the passage, opens the lower end of a sloping passage (constructed later) which descends from an opening in the floor of the street east of the mastaba, and slants to the WSW: length of sloping passage, 20.4 m.: passage, 0.20 m. wide and 2.27 m high: blocked with plug stones (still in place)

Coffin pit: along W side of chamber, 2.4 x 1.2 m. and 0.75 m. deep: recess for coffin lid in W wall at top of coffin: red granite coffin, 2.25 x 1.0 m., and 0.9 m. high: cavity of coffin, 1.85 x 0.65 m. and 0.66 m. deep: with lid, ~~coffin~~ coffin type d: west side of coffin and lid broken but practically complete: sunk in burial pit to bottom of horizontal inscription: inscription horizontal line on each of four faces of box:

(1) E face, beginning at N end, dy nswt Inpw htp hnt sh ntr krs m hryt ntr m smyt Imntyf i/w nfr s/ nswt n ht-f K/-wcb: K2

(2) W side, badly broken, dy nswt Inpw htp hnt sh ntr krs

Cairo m nb im/h hr ntr c/ K/-wcb, beginning at N. S end, with signs facing to right, s/ nswt n ht-f smsw (priest of Anubis), K/-wcb.

(4) on N end, signs facing to left, broken and only a few signs recovered, hm ntr srkt..... signs painted green in shallow cutting: signs outlined in black.

Canopic recess: in S wall near SE corner: 0.7 x 0.7 m. and 0.6 m. high with rebate around mouth.

Shaft and chamber filled with drift sand which contained Ptolemaic potsherds and frags. of faience amulets: the chamber was probably blocked with masonry and a portcullis slab: in the sloping passage thieves had cut away one side of the plug stones to gain entrance to the burial chamber and in this thieves' passage were found four fragments of a diorite statue: the opening in the street had been covered by a stone pavement (broken by thieves) and south of it were found fragments of limestone reliefs and a flint flake.

insert here this note of AF/GAR
⊗ Inclined on floor.
Inclined length on roof - 18.30 m
Horizontal length - 16.50 m
Height is shown perpendicular to the passage

Name

According to Paris card south west part of coffin is broken away.

4-10-41.

a. B

Seven alabaster vessels as follows.

24-12-203 1 model of type
type Xa

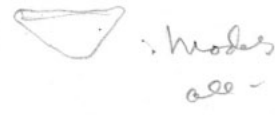
24-12-260 " "

24-12-1169 " "

1170 2 models of type Xa

1171 Xb

24-12-259 Xa □



[insert or
end of
shaft 7110 B.]

(7 listed under stone vessels on p. 269)

Six alabaster vessels, as follows.

24-12-203 type IX a ✓

24-12-260 type IX a ✓

24-12-1169 type IX a ✓

24-12-1170 type X a ✓

24-12-1171 — X b

24-12-259 — X a v ▽

Insert.
at end of
"Shaft 71103",
Separate line
for each
entry.

See paper
below

note

In debris of chamber, 6 alabaster saucers + frag. of alabaster statue (intrusions).

24-12-203 alab. model, ^{three vessels} saucers, type IX a (a) h. 1.6 cm., diam., 5.6 cm.

24-12-260

~~24-12-260~~ alab. model saucer, type IX a (b) h. 1.6 cm.; diam., 5.2 cm.

24-12-1169

(c) h. 1.2 cm.; diam., 6.6 cm.

24-12-259; h. 6.0 cm.; diam top 8.8 cm.; diam base, 4.6 cm. [type X a]

24-12-1170
24-12-259

alab., 2 model vessels of type X a:

1170: h., 1.4 cm.; diam. top 5.8 cm., diam. base 2.0 cm.

~~1171: h., 2.4 cm.; diam. top 5.6 cm., diam. base 2.6 cm.~~

h. 1.4, top 5.8
diam base 2.0

24-12-1171: alab., model vessel, type X h: h. 2.4 cm.; diam. top 5.6 cm
diam base 2.6 cm.

h. 2.4
IX a

Shaft G 7120 B: 2.1 x 2.08 m., -3.65 m. in rock: lined with massive nummulitic masonry, 5.0 m., (6 courses); type 7 X; three unfinished cutting in rock part of shaft (probably of the Ptolemaic-Roman Period: found filled with dirty sand; had been cleared out recently and refilled.

Later Constructions:

against the N end of the twin mastabas were built G 7101, and G 7102 the mastabas of Qa'ar and Yeduw of Dyn.VI; against the E face north of wife's chapel, was constructed the mastaba, G 7111 and north of that G 7112; south of the man's chapel was excavated the intrusive shaft, G 7120 X but not finished.

Pl. 38b, c, d.
39, 40b, c, d.

G 7210+7220: twin mastaba of Prince Hordedef and his wife (name not recovered): second of the four northern twin mastabas counted from the west.

See Figs..... Plan & Section done A. F.

See Pls.....

Owner: Hordedef, ...

Mastaba: core of massive masonry composed of the old cores G 7210 and G 7220, connected by massive masonry, and altered for interior chapels (cf. G 7110+7120): massive core, 81 x 17 m.: area, 1377.0 sq.m.: prop. 1/4.73: near the S end of the E face of G 7220 a hole was broken and lined with masonry (as G 7120), a recess to take an interior chapel; at the SE corner of the old core G 7210 a hole was broken to receive another interior chapel: the core was cased with fine white limestone (x-masonry and bonded with it, two interior chapels of type (3a): the cased mastaba measured 83.2 x 19.35 m.: area, 1592.5 sq.m.: prop. 1/4.25: height,m.: G 7210, 4.27m: height G 7220, 5.4m.

Mason's Marks and Quarry Marks on Core and Casing of G 7210+7220:

On the massive core, on the W side two horizontal levelling lines were partly preserved: the lower line was mark "ell 2" and the second line was two ells (1.05 m.) above it; these lines were crossed at irregular intervals by three broad vertical bands (ca. 5-7 cm. wide), the purpose of which was not discernible.

On the inside of the white casing blocks (next to the core) a number of blocks were found to bear quarry marks in black or red: 11 on E, 4 on S and 6 on W, total 21 blocks: most of the marks were unintelligible but three blocks on the E casing bore the name hr-nbty Hr thw cprw ("the working gang Cheops-is-drunk").

Chapels: two interior chapels of white limestone bonded with casing, each with subsidiary N niche in casing.

Chapel G 7220: Prince Hordedef: interior offering room (a) of type (3a) built in recess constructed in old core 7220: special deep niche at S end of W wall: badly destroyed but ka-door preserved to top of tablet, end of W wall, and N doorjamb in place: (a) 4.15 x 1.65 m.: area, 6.84 sq.m.: prop. 1/2.51: the outer recess of the special niche measures 1.2 x 0.25 m. and the inner recess measures 0.7 x 1.05 m.: height of inner

recess, 2.35 m.: entered by doorway in N end of E wall opening in embrasure in sloping face of casing; no exterior chapel preserved.

Decoration of chapel G 7220: room a, by W.S. Smith:

- a) Ka-door and adjoining W wall on south; on back of deep inner niche, the prince seated facing to right at table of bread(?) on each side wall of the inner niche are four figures of men facing in: on N side, one feet of figure preserved; on the S side, the outer figure holds out his hands in front of him and the other three appear to be carrying illegible objects: Drum: horizontal inscriptions only partly legible, s; nswt (n ht)-fDd..... Cross-bar: words written vertically, dy nswt htp dy Inpw htp krs nb im;h hr ntr c; s; nswt n ht-f hcty-c imy is iry Nhn Hr-dd-f.

Tablet: traces on left of seated figure facing right; right side appears not to have been finished.

Back of outer recess; on each side one tall bowl stand with bowl, takes full height of the narrow panel.

Outer recess, sides; on N, destroyed; on S two registers with one figure each with one or two registers above now destroyed; figures face in to right; upper figure with mrh-t written in front and below this hm-k; the lower figure carries indeterminable object in left hand and a case (?) over his right shoulder; in front of the word smsw.

L his face

W wall south of offering niche; remains of one register probably with 2-3 registers above; man facing in to right carrying birds in each hand; in front of him vertically, it-t ;pdw.

- ✓ b) Displaced fragment, 24-12-1129: long block found in street probably from upper part of N wall of room a: on left border and to right of it upper ends of five vertical lines with large signs in relief facing to right:
 (1) hcty-c iry (Nhn).....
 (2) hr hry.....
 (3) imy-r; k;t....
 (4) cd whc.....
 (5) s; nswt.....

probably stood over standing figure of Hordedef facing to right; the inscription would have taken 71 cm of the width of the N wall measured from the corner; the space in front of the figure whether blank or in relief would have been covered by the wooden door when open to a distance of about 110 cm. from the eastern side.

The reliefs on the ka-ddor had been chiseled away but could be followed in outline; the signs on the loose block had not been chiseled away.

Chapel G 7210: wife's chapel; offering room(a) and exterior c.b. chapel with of six rooms: (b-g):

- a) Interior chapel of type (3a) of white limestone built in hole broken in old core G 7210; bonded with white casing chapel badly destroyed but ka-door of special form at S end of W wall preserved to a height of drum(h.ca.2 m.) line of S wall marked on slab south of niche; stone in place marks N end of room: 4.3 x 1.6(?) m.: area, 6.88 sq.m.: prop.1/2.67: the outer recess of the special niche measures, 1.2 x 0.3 m.: the inner niche measures, 0.6 x 1.1 m.: height of inner recess, .239 m.: entered by doorway at N end of E wall, opening in embrasure in sloping face of casing. hole for door socket inside doorway on N.

separated by a raised line and reading from right to left,
(1) nswt s!(or s;t) n.....(2) wrts.....

- ✓ 2) 25-1-43, 44, 45: three frags. of the same character with unintelligible signs facing to right on one frag. and to left on the other two.
- ✓ 3) Fragments showing legs of large female figure with small child standing beside her. Found in debris of mastaba north of chapel. see figs.....

The conclusion is reached that the decoration of the room a was unfinished: it is possible that the tablet of the ka-door was the only part decorated (see G 4240): the four fragments found close together in the debris of the chapel indicate that on one of the walls an offering scene had been finished: the fact that the lower part of the ka-door and the rest of walls were left undecorated would not require any special explanation.

Shafts in G 7210 and G 7220: the shafts were lettered as in G 7110+7120, A, B in each core: but shaft G 7110 A was found never to have been made and G 7220 B never to have been used: A on north and B on south.

Shaft G 7210 A: a deep ^{exploratory} trench in the axis of the mastaba showed that the northern shaft had never been made.

Shaft G 7210 B: 1.9 x 1.75 m., -9.54 m. in rock: lined with massive masonry, 3.5 m., 6 courses: ~~chamber~~
Chamber: type 3 af; on S: 4.75 x 5.3 m., and 3.4m. high; area, 25.18 sq.m.: capacity, 85.61 cu.m.:
Passage: 2.15 x 1.12 m. and 1.35 m. high: remains of masonry blocking in passage and a portcullis slab outside, leaning out as displaced by thieves:
In the chamber fragments of white limestone coffin of type d: Canopic pit in SE corner, 0.45 x 0.45 m. with rebate sunk in the ~~edge~~ edge on all four sides; and 0.55 m. deep.
In the disturbed debris in the shaft were Ptolemaic objects and grey granite hammer, at about 13 m down; at about 15 m. down were the fragments of a large flat bottomed basin of type D-XXXIV (red ware, red wash), with traces of plaster, used in sealing blocking:
no objects in chamber: chamber not reused in Ptolemaic times: late objects in disturbed filling obviously intruded recently.

in Serk. Calabres Vases
25-1-518-521, 522, A, B, C, D
25-1-60-65



Shaft G 7220 A: 1.85 x 1.95 m., -9.3 m. in rock: lined with massive masonry, 5.0 m., 7 courses: type 3 amx(stair) with additional room on S:

Main chamber on south of shaft, 4.86 x 4.86 m.: and 3.82 m. high: area, 23.62 sq.m.: capacity, 90.23 cu.m.:
Passage: 2.12 x 1.6 m. and 1.55 m. high, with four steps in chamber leading from floor of passage to floor of chamber: in passage remains of masonry blocking but portcullis slab had been broken up:

Unfinished red granite coffin along W side of chamber, 2.45 x 1.26 m. and 0.86 m. high (1.09 m. with the lid at the S end: cavity, 2.1 x 0.9 m. and 0.7 m. deep: dressed smooth inside and on four sides: the bottom of the block was being sawn off apparently to form a lid but broke in two and the southern half was left attached to the bottom of the coffin; on the dressed surface red guiding lines had been marked off to show the side of the box and of the cavity: on the eastern face a horizontal line below marking the line of the saw-cut at the bottom of the dressed surface and another parallel horizontal line above it to mark the bottom of the cavity: at each end was a vertical line marking the ends of the cavity inside: on this side two measurements in red paint were written as if the coffin has been standing upright on its south end and read to the left: w c 5 ("length 5 ells, actually 2.45 instead of 2.6) and on the right,t-t ^{55p} 4 (cavity?) 4 ells

(actually 2.1 m.); on the eastern side only the horizontal lines are visible, one for the bottom of the cavity and a double line (about one cm. apart) to mark the line of the saw-cut; On each end were visible two vertical lines and one horizontal line; the saw cut shows that the lid was being sawn off by straight blades working diagonally on each side at the same time; the piece broken away was not found; the piece attached to the bottom on the south was not dressed and showed a rough ridge across the end (not a dressed rectangular end bar, but the usual rough ridge left on undressed blocks of granite brought from Assuan, made to facilitate handling (see Mycerinus, pp. 76, 80.)); I conclude that the lid was intended to be a plain flat cover as coffin type d; no trace of lid was found in the chamber.

Second unfinished chamber (intended for coffin room); doorway in E end of S wall, with floor sunk below floor of main chamber: 3.75 x 4.75 m. and 1.82 m. high; area, 17.81 sq.m.; capacity, 32.41 cu.m.; the vertical grooves in the S wall show that four workmen were engaged in cutting back this wall when the work stopped ~~and~~ leaving a heap of limestone rubbish on floor;

Passage: 4.8 x 1.05 m. and 1.2 m. high.

Total area of both rooms, 41.43 sq.m.; capacity, 122.64 cu.m.

Filling of shaft: disturbed rubbish which contained Ptolemaic potsherds and 8 frags. of hard stone statue (24-12-292 to 295, 297, 298): the chamber had a heap of rubbish and sand sloping down on all sides; in the passage to the second chamber found fragment of seated diorite statue of Chephren (24-12-822). With this were frags. of pottery vessels ~~24-12-823: base of RW jar of type A-II b.~~

✓ and 822
Fragment with
Name of
Chephren

not drawn
✓
not drawn
"

- 24-12-823: base of RW jar of type A-II b.
- ✓ 24-12-824: frag. of RW model basin of type LXXIXa-m, diam., 10.4 cm.; h., 2.0 cm.
- not drawn 24-12-825: frag. of small jar with roll rim.
- " 24-12-826: frag. of jar of type A-II b.
- ~~24-12-827: frag. of jar of type A-II b.~~
- In main chamber, frags. of stones and potsherds:-
- " 24-12-846: 4 frags. of alabaster of which only one had a dressed surface.
- " 24-12-847: frag. of undressed translucent diorite.
- ✓ 24-12-848; 850: 9 flint flakes not worked.
- ✓ 24-12-865: frags. of RP pottery from bowls with recurved rim: types C-XXXII or D-XXXVI.

Shaft G 7220 B: 1.85 x 1.8 m.; -1.7 m. in rock: lined with massive masonry 5.0 m., 9 courses: unfinished cutting in SE corner at bottom, 0.5 x 0.5 m. and h., 1.1 m.; area, 0.25 sq.m.; capacity, 0.27 cu.m.; probably of much later date: shaft recorded as of type 7 X: filled with dirty sand and dust, dumped in recently.

Later Constructions:

Against the N face of the cased mastaba, was found the mastaba of Yeduw (G 7102) and a composite mastaba nearly destroyed east of it; against the E face north of the wife's chapel was G 7211: four intrusive shafts in street E of mastaba; G 7220 X: just south of chapel in street; G 7220 Y: adjoining X on South; G 7220 Z: near north subsidiary niche; G 7220 W: ~~between~~ between X and Z.

G 7310+7320: twin mastaba of Prince, perhaps Ra⁹Bauw-f and his wife: third from the west of the four northern twin mastabas.

G.A.R. Feb. 1941 says:

insert photo of N.E. corner mason's lines Pl. 41

See Figs..... Plan and section done. A. F.

See Pls.....

Owner: Ra-bauw-f,

interior

Mastaba: core of massive masonry composed of old cores 7310 and 7320: connected with massive masonry and altered for ^{interior}chapels: core, 79.2 x 16.5 m.: area, 1306.8 sq.m.: prop.1/4.8: near SE corner a chapel recess was reconstructed in the old core as G 7110+7120: hole broken in SE corner of old core 7310 to receive an interior chapel, as the two twin mastabas on the west: core cased in fine white limestone (x-masonry) and bonded with it two interior chapels of type (3a): the cased mastaba measured, 82.8 x 19.0 m.: area, 1573.2 sq.m.: prop.1/4.36: h., m.: inscribed lines on platform at NW corner: height G 7310, 5.32m: height G 7320, 5.45m. N.E.

Quarry Marks:

on backs of casing stones found 18 red quarry marks, all unintelligible, 11 on W, 3 on E and 4 on N.

each with a subsidiary niche

Chapels: two interior chapels of white limestone of type (3a), bonded with casing and east of each an exterior c.b. chapel.

Chapel G 7320: man's chapel: interior offering room a of type (3a); built in recess reconstructed in core: with special deep niche at S end of W wall: badly destroyed but lower part of niche, one slab in W wall north of niche and N doorjamb found in place:

a) 4.15 x 1.65 m.: area, 6.84 sq.m.: prop.1/2.52: outer niche 1.25 x 0.3 m.: inner niche, 0.6 x 1.25 m. entered by doorway in N end of E wall, opening in embrasure in casing: limestone door socket at W end of N door-jamb.

Exterior c.b. chapel beginning in front of room a and continued southwards to avenue 2 in which the chapel continued eastwards south of G 7420 and westwards south of G 7320: consisting of 7 rooms, b-h but c-f were badly destroyed by sebakh digging:-

b) one-room exterior c.b. chapel apparently open to the sky: 3.9 x ca.2.4 m.: area, 9.36 sq.m.: the remains consist of two c.b. long doorways, one at each end of the room or court but not exactly on the same axis line: the doorway to room a opens nearly in the middle of the western side of the room: in the SE corner of the room stands, partly sunk in the floor, a large rectangular offering basin of the ordinary form, 1.1 x 0.9 m., with hole in the S end opening in a stone roofed culvert ~~which~~ which passes under the S doorway and out into avenue 2 where it turns east to a point, 6.75 m. from SW corner of G 7410+20, where it emptied into a stone tank: in ~~room~~ room b in front of the doorway to a, a large Ptolemaic-Roman shaft, G 7320 X, has been intruded with its mouth near the top of the mastaba.

c) corridor room south of b leading to a long doorway of c.b. between SE corner of G 7320 and the SW corner of 7420: 8.6 x ca. ~~2.1~~ 2.4 at floor level: area, 20.64 sq.m.: doorway to b on north and doorway to d on S.

d) a N-S room south of c: nearly destroyed but indicated by frag. of thin W wall and by heavy S wall: 4.2 x 2.4 m. at floor level: area, 10.08 sq.m.: doorway to c in N wall: doorway to f in N end of W wall: opens into ~~e~~ e without doorway: at S end of d.

- e) E-W vestibule corridor at right angles to d: foundations of thick c.b. wall preserved along the S side, 1.6 m. thick; 1.25 x 1.35 m.: area, 1.68 sq.m.: the c.b. wall on the N of room e and on the E of room d which rested on the masonry of the casing of G 7420 (SE corner) had been destroyed.

The thick southern boundary wall of the chapel was dug away by sebakh-digging south of room f: its foundation rose slightly from E to W and showed a thickness of 1.7 m. in room d, 1.65 m. in room g and 1.6 m. in room h: on the E this wall touched the casing of G 7420+40 and on the W was separated 1.1 m. from the N end of the core of G 7330+7340.

- f) a great sebakh hole descended in the middle of the room and the size could only be reconstructed doubtfully: 3.475 x 2.95 m.: area, 10.25 sq.m.: entered from d by doorway ~~WAAA~~ at N end of E wall: ~~opposite the entrance~~ doorway to g in N end of W wall.

- g) well preserved to height of 0.8 m.: ^{mud} plastered with white-washed surface: 3.5 x 2.57 m.: area, 8.99 sq.m.: entered from f by doorway in N end of E wall: doorway to h in N end of W wall opposite the entrance.

- h) well preserved to height of 0.8 m.: plastered as g: 3.5 x 2.5 m.: area, 8.75 sq.m.

The W boundary wall is 1.35 m. thick: the wall between g and h is 1.2 m. thick: the northern boundary wall was built over the dressed sloping casing of G 7320 being 0.9 m. as preserved, must have thickened upwards, perhaps to 1.6 m.

I suggest that most of the rooms were roofed with c.b. ~~wall~~ leaning vaults.

East of room e, were found the remains of a c.b. wall built against the face of the E wall of that room: this indicates another corridor (i) added on the east and probably reaching to the face of G 7430: the drainage tank of the culvert leading from the basin in room b, was under the floor of this room: length of culvert, N-S arm, 17 m. + E-W arm, ca. 6.75 m., total length of about 23.5 m., width of channel, 0.1 m.: depth ca., 0.12 size of tank, 1.1 x 1.15 m., with walls, m. thick, depth, m. with tunnel on W edge to admit the ~~drainage~~ drainage from the culvert: tank sunk in c.b. kerb and probably roofed and covered by flooring of room i.

Floor area of chapel:-

Room a (limestone), 6.84 sq.m.

C.b. room b-h, 69.75 sq.m.

Total area, a-h, 76.59 sq.m.: to which is to be added the unmeasurable room i.

Decoration of Chapel G 7320, room a:-

Lower part of ka-dor of special form preserved, and lower part of of W wall S and N of niche: also lower part of N doorjamb: none of the stones in place are preserved to a sufficient height to show decoration: the wall north of niche appears not to have been decorated(?).

Fragments of white limestone with reliefs, found in debris in interior and exterior chapel:

- ✓ 1) 25-1-957 to 961, 967, 863, 755, 824: frags. assigned to architrave over doorway: parts of 22-24 vertical lines separated by vertical lines in relief: signs on 11 lines (from left half) face to right and 10 lines (from the right end) face to left: inscription thus divided in two beginning with an offering formula running to the left and another running to right: two inscriptions practically identical:

- (1) (dy nswt) htp (inpw htp hnt sh ntr nb s; dsr).
- (2) kr(s-t-f) m smyt(imntyty).
- (3) (nb) im;h hr ntr c; prt-r-hrw n-f (bread, beer, ~~h~~ birds and cattle?).
- (4) m wp rnpt Dhwtyt tp rnpt hb wr.
- (5) rkh prt-Mnnw s;d.
- (6) tp month and half month, (m) hb nb rc nb.
- (7) n iry-pty sbhty (s;b t;ty) wsht shm ch;.
- (8) c; wnrw nswt.....
- (9) hm ntr hnm n stp (s;).....
- (10) hcty-c iry Nhn m is
- (11) imy-r!(?).....
- (12) (s; nswt n ht-f and name). *king's son of his body*

needs correcting →

✓ 2) 25-1-825, 862: ^{three fitting} ~~two adjoining~~ frags., from edge of N door-jamb, showing on left vertical face, on right surface a sloping face: on doorjamb showing sloping border and parts of four vertical lines of inscription (above a chief figure facing out to right):

- (1) s; (nswt) n (ht-f)
- (2)wr (pr) dw;
- (3)r wh
- (4)B;st(t).....

on the other surface from the sloping face of the embrasure panel shows on the left a border and remains of two vertical lines of signs,

- (1)t;ty.....
- (2)hm ntr

these signs face to left and indicate a standing figure of the prince facing in to left.

✓ 3) 25-1-749 to 852: six fragments of a horizontal inscription with signs facing to right and assigned but not joining a seventh fragment with the sign f: s;-f Hnm-b!-(f) followed by hmw-k!: this inscription was obviously over a row of small figures facing to right of which the first was the son; The scene may have been the S door-jamb with son and other small figures facing in towards a large figure of the prince:

The decoration was probably unfinished: apparently the frags. show the decoration of the doorway (architrave, door jambs and embrasure panels: possibly the niche was also decorated.

Chapel G 7310: wife(s) chapel built in hole broken in old core:
interior chapel of white limestone bonded with casing: with subsidiary N niche . 1.11 x 0.35 m. in outer recess: ...: exterior c.b. chapel. inner recess, 0.37 x 0.35m.

a) interior chapel of type (3a) with special deep niche at S end of W wall: 4.15 x 1.55 m.; area, 6.43 sq.m.: prop. 1/2.67: ka-door, outer niche, 1.2 x 0.3 m.: inner niche, 0.6 x 1.25 m.: built of three upright slabs roofed with a horizontal slab behind the drum (which was missing); all the rest of the chapel was destroyed to

the stone pavement and the plan as reconstructed from lines incised on pavement: doorway in N end of E wall opening in embrasure in sloping casing.

- Exterior c.b. chapel of 5 N-S rooms: formed by dividing the place between G 7310 and G 7410, by 6 very thick c.b. doorways:
- b) beginning just south of embrasure of doorway to room a and extending northwards: 7.9 x 2.6 m.: area, 20.54 sq.m.: northern part of floor paved with stone sill in doorway: bases of two columns in N-S line dividing the room into three parts: both had a circular basis, with diam. of 0.95 m.: on the S basis stood a column drum with a diam. of 0.53 m. and a height of 0.46 m.: this segment of the column was dressed so that it had eight slightly channelled surfaces, similar to Zoser channelled columns but of less pronounced form: the print on the N basis indicated a column of the same size: no evidence was found to indicate the form of the capital, but I would reconstruct with an architrave, either E-W or N-S: the roofing would probably have been stone slabs, although the use of mud-brick would suggest a wooden roofing: the doorway to room a opens in the S end of the west side: at the N and S ends of the room, a thick c.b. doorway, not on the same axis: the doorway on the S opens into room c.
 - c) 2.25 x 2.8 m.: area, 6.3 sq.m.: formed by two thick c.b. doorway, not on the same axis, of which one forms the S end of room b and the other the N end of room d: the eastern side of the S doorway has been damaged and repaired with rubble.
 - d) south of c and enclosing the subsidiary N niche of G 7320: 4.3 x 2.8 m.: area, 12.04 sq.m.: subsidiary N niche, outer recess, 1.1 x 0.35 m.: inner niche, 0.35 x 0.4 x 0.25 m.: c.b. doorway on N is the S doorway of room c: the doorway on S opens into the space between G 7310+20 and G 7410+20, and thus leads to the chapel G 7320: at some subsequent time the two chapels, G 7310 and G 7320 were separated by a c.b. wall 1.25 m. thick built across the S side of the N doorway opening from c to d: thus the room d around the subsidiary N niche was blocked off from chapel G 7310 and attached to G 7320.
 - e) north of room b and entered from it: south end formed by c.b. doorway (opening from N) and on the N by a similar doorway opening from S: 20.75 x 2.8 m.: area, 58.1 sq.m.: enclosing the subsidiary N niche of G 7310 which stands near the N end of the room: outer recess, 1.1 x 0.35 m.: inner recess, 0.35 x 0.35 m.: monolithic ka-door set back in casing.
 - f) a short room or vestibule north of e: north end formed by c.b. doorway opening from the N: 2.65 x 2.8 m.: area, 7.42 sq.m.: both the N and the S doorway have been damaged by intrusive shafts of the Ptolemaic Roman Period: the outside of the N doorway is in line with the N face of G 7310+20.

Floor areas of chapel G 7310:

Room a, 6.43 sq.m., limestone.

Rooms b-f, 104.4 sq.m.: ~~c.b. rooms, of which b was~~ certainly ~~and~~ probably c and f.

Total floor area a-f, 110.83 sq.m,

*L of mud brick
and were*

Probably the whole of the exterior chapels of G 7310 and G 7320 was constructed about the same time on one plan: the blocking of the chapel of G 7310 probably occurred some time after the burials as a result of differences of interests between the two sets of ka-priests.

Decoration of Chapel: no evidence of decoration; a horizontal line on the ka-door and vertical border on the backs of the outer niche indicate an intention to decorate.

Shafts in G 7310+7320: the shafts were lettered as in G 7110+20 A, B in each core: but shaft G 7310 A was found never to have been made and shaft G 7320 B never to have been used: A on N and B on S.

Shaft G 7310 A: never excavated.

Shaft G 7310 B: wife shaft: 1.9 x 1.85 m.: -10.1 m. in rock; lined with massive masonry 4.45 m., 6 courses:
 Chamber: type 4 a(1): on S: 5.08 x 5.36 m.: and 2.14m. high:
 area, 27.23 sq.m.: capacity, 58.27 cu.m.:
 turning recess in N wall of shaft: 1.7 m. wide, 1.0 m. deep and 2.05 m. high:
 small blocks ~~in passage~~ of limestone found in debris indicate masonry blocking in passage but no remains in passage:
 broken red granite coffin of type d along W side of chamber:
 2.5? x 1.2 m. and 1.06 m. high; and cavity, 2.0? x 0.6 m.: and 0.75 m. deep: flat lid, 0.24 m. thick, with two handles at each end: upper edges of the lid slightly rounded:
 canopic recess in E end of S wall, 0.75 x 0.7 m.: and 0.75 m. high: without rebate:
 Shaft filled with disturbed rubbish and 1st. debris dumped in recently: intrusive objects of the Ptolemaic Period (faience amulets and potsherds); in the chamber was found also fragments of O.K. potsherds and a rough diorite saucer of uncertain date (25-1-35).

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Shaft G 7320 A: Man's shaft: 2.05 x 2.12 m.: -12.05 m. in rock; lined massive masonry, 4.1 m., 6 courses:
 Chamber: type 3 af, on S: 4.9 x 5.35 m.: and 3.4 m. high:
 area, 26.22 sq.m.: capacity, 89.14 sq.m.: with second chamber (unfinished) on S:
 Passage from shaft to main chamber, 2.65 x 1.2 m. and 1.32 m. high:
 remains of masonry blocking.
 no trace of stone coffin.

E end of S wall, a passage led southwards to an unfinished and unused coffin chamber: roughly 1.0 x 1.9 m. and 0.7 m. high: the passage measured 2.25 x 1.15 and 1.35 m. high: in the N end of the passage was constructed a stone canopic chest, 0.85 x 0.83 m. and 0.6 m. high: inside, 0.55 x 0.55 m.: with rebate sunk edge of mouth: flat square lid displaced and lying south of chest: passage blocked on chamber side by a vertical masonry wall, type III b(1): above the doorway from shaft to chamber, a "window" has been cut through the rock from shaft to chamber about at level of roof of chamber, 2.35 x 1.0 m. and 0.75 m. high (probably used in cutting chamber).

Filling of shaft, dirty sand and debris containing Ptolemaic Roman amulets and potsherds recently dumped into shaft by leaving several meters unfilled at top: about at top of doorway, disturbed limestone debris: sand and debris in chamber:

24-12-446 to 452: faience beads and amulets in shaft.

24-12-453, 454: potsherds of Ptolemaic Period.

24-12-868, 871 to 875: in lower part of shaft: faience amulets, etc.

24-12-869, 870: alabaster boring core.

not drawn

In Chamber:-

- ✓ 25-1-23: flint flake, l., 9.2 cm. x 1.3 cm.
- ✓ 25-1-24: flint: pssk;f wand, l., 7.3 cm. x 2.1 cm.
- ✓ 25-1-25: limestone: small basin, Ptolemaic-Roman Period, d., 10.3 cm. and 6.35 cm. high, with handles.
- 25-1-26, 27: faience amulets.
- 25-1-68 to 75: potsherds, mostly Ptolemaic Roman.
- ✓ 25-1-70 *drawn*

Shaft G 7320 B: 2.1 x 2.1 m., ends at rock surface; lined with massive masonry, 4.5 m., 5 courses: type 7 x; on N side, masonry lined destroyed to rock by modern thieves: filling of debris dumped in recently.

Later Constructions:

- 1) against the W end of the exterior c.b. chapel of G 7320, rooms d-h, was built the late stone mastaba, G 7332³
- 2) against the E end of the same chapel between G 7420 and G 7430, is the small stone mastaba, G 7431. *and 61432*
- 3) at 8.5 m. north of N face of G 7310+20, is an E-W quarry scarp with face to N: in this is a small rock cut chamber opening to N: the quarry had been excavated by Tewfik Eff. Boulos but appear to have been filled with limestone rubbish containing a few shafts or even superstructures.

The street 7300 between G 7320 and G 7420 was filled with drift sand over a layer of limestone debris and a number of Ptolemaic mummified burials and some Ptolemaic jars: descending through the sand and the debris were a number of shafts intruded in Ptolemaic Roman times:-

- G 7310 X: opposite N subsidiary niche of G 7310, against the back of G 7410: type 8 b(2) of c.b.: chamber on S: descends through mud floor of chapel to rock: partly destroyed.
- G 7310 Y: in W side of room 7310 f: long N-S shaft with chamber of type 6 a(2): on W: date uncertain.
- G 7310 Z: sunk in W c.b. doorjamb of northern doorway of room f: type 6 a(3): chamber on S: date uncertain.
- G 7320 X: in room b of chapel G 7320 in front of doorway to room a: masonry shaft descends from top ~~to~~ debris: 1.3 x 1.3 m. at mouth, -7.65 m. in rock: lined with masonry, 1.95 m. 5 courses: at bottom large chamber on S, 3.8 x 2.5 m.: and 2.1 m. high: area, 9.5 sq.m.: capacity, 19.95 cu.m.: width of doorjambs, 0.5 m.: in S wall wide recess (loculus, containing limestone anthropoid coffin): on the floor lying E-W (heads E) four anthropoid coffins of which the southern rests on debris: on N side of shaft, large chamber opening directly into shaft: with three loculi, 4.5 x 2.37 m.: and 2.0 m. high: area, 10.66 sq.m.: capacity, 21.32 cu.m.: in the walls high up, three burial chambers (loculi):
 - (a) on W side, near entrance: 1.95 x 2.2 m. and 1.22 m. high: entered by doorway in S end of E wall: contained one mummy.
 - (b) opposite (a), in E wall: 2.05 x 2.15 m., and 1.1 m. high doorway on S as (a): empty.
 - (c) in W wall north of (a): 2.0 x 0.45 m.: with entrance in S end of E wall.

The note below was written in red pencil and reads, "Consider possibility which has already prompted placing them together in folder that fragments hitherto assigned to Minkhaf belong here."

WSS 1946

APPENDIX B. p.27.

G 7410+7420: twin mastaba of ^{Prince Hor-[rag?]} ~~an unknown prince (afterwards king)~~ and Princess (afterwards Queen) Meresankh II: eastern most of four northern twin mastabas.

See Figs..... Plan & section done A. F.

See Pls.....

Owner:

Consider possibility which has already prompted placing them together in folder that fragments hitherto assigned to Minkhaf belong here. WSS 1946.

Whether N subsidiary niche of the chapel of 7410 was inserted

Mastaba: massive core faced on E with stepped masonry (as type III) enclosing the old cores of type IV, G 7410 and G 7420: connected with massive masonry and altered for chapels: core, 79.9 x 16.5 m.: area, 1303.5 sq.m.: prop.1/4.78: the eastern side of this double core was faced with stepped courses of small blocks (and thus the core was converted into type III: preliminary to this facing, two recesses were broken in the old cores and faced as E faced. One of these contained the chapel G 7420 and the other at the N end was walled up by the casing. The chapel 7410 was built in a hole broken in the casing. faced core, 82.0 x 19.5 m.: area, 1599.0 sq.m.: prop.1/4.25: faced core faced with fine white limestone (x-masonry) and ~~xxxx~~ bonded with it two interior chapels of type (3a): the cased mastaba measured, 84.2 x 22 m.: area, 1852.4 sq.m.: prop.1/3.84. height of G 7410, 5.0m: height of G 7420, 6.0m.

Mason's Marks and Quarry Marks:

On the stepped facing on the E face, were ... horizontal level lines, m. apart: on the third ~~xxxx~~ course a red horizontal line was marked mh 3 hr nfrw.

On the backs of the white casing stones were found unintelligible quarry marks on 15 blocks

Note
Horizontal level lines apparently obliterated, as there is no traces left on E face of stepped facing.
2-9-41 A. F.

Chapels of G 7410+7420: two chapels of type (3a) each with subsidiary N niche: ~~xxxx~~ faced chapel recess for chapel G 7420 and a second faced recess at N end which was not used.

Chapel G 7420: man's chapel: interior offering room (a) of type (3a): built in faced recess reconstructed in core: with special deep niche at S end of W wall: badly destroyed: ka-door preserved to height of drum, two slabs still in place one on each side of NW corner, construction lines on floor:
(a) 4.25 x 1.55 m. area, 6.58 sq.m.: prop.1/2.73: outer niche of ka-door, 1.2 x 0.3 m.: inner niche, 0.6 x 1.15 m.: ka-door built of two courses of three stones each: entered by doorway in N end of E wall, opening in embrasure in the sloping casing.

?? 4.75? examine [stones] in situ
F. O. A. 1940
Drain?

Remains of exterior chapel of white limestone:-

b) hall of court around entrance to room a 4.75(?) x 2.2 m.: area, 10.45 sq.m.: just north of embrasure a stone wall 1.8 m. thick containing a doorway in which the door was on the S side (inside room b): the southern wall was destroyed to its foundations.

South of b, the rock descends sharply to the front of 7430.

Decoration of chapel G 7420, room a, of white limestone:-

On Ka-door, on back of outer recess, on S, a tall bowl stand with bowl: like G7220 chapel: indicates that ka-door was decorated but the decoration elsewhere has been weathered away. The slabs left in place in W wall and N wall were so weathered that no reliefs were visible but they may have been decorated. Facade panels in doorway embrasure showed traces of palace facade panelling.

^{Two}
~~One~~ fragment of relief ^{was} found in the debris in front of room a: 1)....., parts of two female estates facing to right: in front of first on right is written h-t Hwfw and in front of the second, w... h-t.....

2) ^{Fragment from architrave inscription with hand and staff of osiris and as nmt}
 The room may have been fully decorated: the fragments left in these chapels depended largely on the accidental completeness of the work of the thieves who took the stone for burning in the lime-kiln.

1.42 - [438?]

Chapel G 7410: wife's chapel (Meresankh II): built in hole broken in faced core: interior chapel of white limestone bonded with casing: with subsidiary N niche: marks on rock indicate the possibility of a stone exterior chapel but evidence uncertain.

a) 4.2 x 1.55 m.: area, 6.51 sq.m.: prop. 1/2.7: measured from construction lines: outer niche of ka-door, 1.35 x 0.4 m. inner recess (in place), 0.6 x 1.0 m.: built of three upright slabs: all other walls destroyed: doorway in N end of E wall opening in embrasure (2.95 m. long) in sloping casing.

Decoration of chapel G 7410, room a, white limestone:

Weathered ka-door shows no visible traces of decoration: the following fragments were found in the debris of the chapel and in a built Ptolemaic grave:-

✓ 1) 25-3-31, 25: two frags. assigned to architrave over ka-door: two horizontal lines of male titles:.....
 (1) ..(priest of) Hr hry hb hry d;d!
 (2) ^{dw} ~~pr~~ ^{pr} and (wr) ^{dw} ~~pr~~ ^{pr}
 H .. h.p [madw]

✓ 2) 25-5-50, ^{kn} 25-3-26, 27: two frags. assigned to architrave over entrance (with sloping surface): single line of horizontal inscription giving male titles:
 (1) s! nswt
 (2) imy (is) iry Nhn

✓ 3) 25-3-23, 30: two frags, from N doorjamb; and facade panel
 (a) comes from a little above (b) and shows two faces:
 (a) on the left a vertical surface with sloping border on right: end of a vertical inscription, ...t..(?) in pr nswt (see doorjambs of G 7140): on the adjoining facade is part of the staff of a large figure facing to left and vertically in front of it..... ~~whitewash~~ smr wcty: signs on both surfaces face to left.
 (b) from lower part of scene on N jamb, showing sloping border on right: parts of two small figures of girls, standing facing to left: in front of the one on right is written vertically, Nbtv-tp-it-s.

✓ 4) 25-1-1337:, 1321: two frags. of a swamp scene: probably from E wall:
 (a) figure of woman in lappet wig and long tunic, seated facing to left on a throne on a boat: in front of her and above remains of two vertical lines,
 (1) .. s!(t) (nswt) n(t) ht-f.
 (2)
 in front of her appears to be the hand of a small man rowing: behind her a small male figure holds up a sunshade(?) over her head: between this man and the throne a small indeterminable object.
 (b) frag. showing tip of bird's wing over papyrus flower

5) small fragments with traces of inscriptions:-
 25-1-1019, 1322, 1325 to 1327, 1334, 1335/

6) 25-3-19, 21: 25-1-1329, 1333: four frags. showing two or more registers of scribes:

*I have drawing in MFA
 25-1-730 : -m3c....
 25-1-1019: Dam part of acide; in front:
 ... m km k3 ...
 No drawing here?
 25-1-1322
 1325-1328
 25-3-24*

*1335: part of two vertical lines: 1)....
 [hwfw] 3ht ... 2).... t mr...*

Walls drawing over(?)

*Four drawings
 1325 drawing Five*

- (1) three fitting fragments: above from left to right, scribes case, squatting scribe, elliptical scribes case, figure of scribe writing, papyrus case of sack form: upper part of register below, largely black with unintelligible objects.
- (2) parts of two registers: above, seated scribe facing to left and behind him feet of standing figure also facing to left; in register below, the head of a man facing to right and in front of him facing to left the sign m, perhaps imy-r; which indicates a standing figure on the right, facing to left;

- 7) 25-1-1323, 1331: two frags. from registers of small figures facing to left:
 - (a) upper part of man standing with right hand on left shoulder.
 - (b) legs of two men facing to left.

no drawing

- 8) 25-1-1328, 1330: two frags. from registers of small figures facing to right:
 - (1) torso with half extended arms.
 - (2) middle part of legs of man.

- 9) 25-1-1332: frag. showing ^{capital of lotus column} base line and stand with five jars.

- 10) Unintelligible fragments: 25-1-1324, 1336: 25-3-20, 22, 24.

Chapel recess in N end of G 7410 and the Subsidiary N niche: *no drawing*

About 23 m. north of the chapel 7410, a recess, 5.2 x 3.15 m.: (area, 16.38 sq.m.) was constructed and faced with stepped courses bonded with the facing of the core: when the white casing was constructed this recess was filled with stone blocks and fragments.

In the casing opposite the northern end of this recess was set a monolithic stela, set back in the sloping casing to form the N subsidiary niche of the chapel 7410; the outer niche measured, 1.1 x 0.44 m.: inner recess, cut in monolith, 0.35 x 0.25 m.: from in front of the N side of the niche, a rock cut drain ran slanting to NE to the middle of the street (1.15 m. long) and there turned northwards and ran north down the middle of the street to the N end of the mastabas where the street ended in a rock-scarp (N-S length of drain, 5.5 m.).

Shafts in G 7410+7420: shaft letters A, B assigned to both cores as in the three twin mastabas on the west: but G 7410 A was found not to have been ~~excavated~~ and G 7420 B not to have been used.

made

Shaft G 7410 A: thorough search proved this shaft was never made.

Shaft G 7410 B: wife's shaft (Meresankh II): 1.9 x 1.85 m., -10.67 m. in rock: lined above with massive masonry, 4.45 m., 5 courses: two chambers, large chamber with burial chamber on south: Main chamber, type 3 af, on S of shaft: 4.95 x 5.42 m. and 3.6 m. high: area, 26.73 sq.m.: capacity, 96.22 cu.m. Passage, 2.1 x 1.6 m. and 1.88 m. high: blocked with filled masonry: turning recess in N wall of shaft, 1.2 m. wide, 1.2 m. deep, and 1.23 m. high, with horizontal roof. Coffin chamber, south of main chamber and entered from it by passage opening just E of middle of S wall: 4.15 x 3.65 m., 1.65 m. high: area, 15.15 sq.m.: capacity, 25.0 cu.m.. Passage, 1.15 x 1.3 m. and 1.65 m. high: blocked with masonry (broken through): ~~xxxxxx~~

Red granite ~~xxxx~~ panelled coffin of type d(p); found overturned to east (originally along W wall); 2.22 x 0.92 m. and 0.83 m. high: flat lid with crouching Anubis in sunk relief: m. thick: on each long side a palace door with three panels on each side: the ends are inscribed: in S end of E wall, a canopic recess, 0.65 x 0.8 m. and 0.4 m. high, with rebate for lid on top and sides:

No plates for this except as shown in chamber. Should be reference to M.F.A Bulletin and to drawings in text. The lid drawing has not been prepared.

APPENDIX B. p.30.

Total area of two chambers, 41.88 sq.m.
Total capacity, 121.22 cu.m.

Inscriptions on coffin:

On lid over Anubis, nb t; dsr hnt sh ntr: in front of it and continued below it, nswt dy htp krs-t-s m'ibt n-s wrt hts Mr-s-cnh: on the offering lists: on N end, at top horizontal line with signs facing to left (east), m;-t Hr-St, Mr-s-cnh, with sign n repeated five times below it:
(1) n prt-rhrw (bread, beer, perfume 1000.
(2) n mnht 1000.
(3) n sntr 1000.; and squeezed vertically under the fifth n ibt nbt bnt:

On S end: at top horizontal line with signs facing to right (east), (imy) ht Hr wrt hts Mr-s-cnh: under this seven granaries with the names of a grain or a fruit written on each granary and each followed by 1000 agr.:
(1) it (three granaries); (2) bdti (head of grain-stalk);
(3) s-t (swt); (4) bt ~~...~~
(5) bnry; (6) ddw ~~...~~ (7) wch.

H 253

East side: one vertical line at each end of palace facade panel: On N, signs face to right and on S signs face to left:
(N) ht-Hr Mr-s-cnh; (S) wrt hts hnt nswt Mr-s-cnh.

On W side, one vertical line at each end of palace facade, signs facing to left in both: (N) sj-t nswt nt ht-f Mrs-cnh;
(S) wrt hts hnt-nswt Mr-s-cnh.

The shaft was empty to a depth of several meters and above was filled with dirty sand and dust; lower down was disturbed debris with little intrusive material; the debris had run into the chamber as usual but to a small extent; the shaft had not been completely excavated in recent times.

In the coffin chamber were found in the coffin, frags. of decayed wood and broken human bones; under the overturned box was found:-

- ✓ 27-1-7: three fitting fragments making half a model cup of alabaster: h. 3.7 cm.; diam. top, 3.7 cm, base, 2.0 cm.
- ✓ 27-1-8: alabaster: frag. of top of circular table: probably diam. ca. 34 cm.; th., 1.3 cm.
- ✓ 27-1-25: alabaster: chip with curved surface.
- ✓ 27-1-9 to 24, 26-29: potsherds which represent fragments of the usual types of Dyn. IV except the RP bowls with recurved rim: include neckless shoulder jars (type B-LV) large tub (type D-LXXI), RP jars of type A-V, and RP jars of type B ~~...~~, also model saucers.
- ✓ 27-1-5: copper: model tools badly corroded: chisels, axe-heads pins, etc.: 9 implements and other fragments.
- ✓ 27-1-6: carnelian: disc bead: d., about 7.7 mm.; th., 3.2 mm.
- ✓ 27-1-1: about 20 small frags. of wood.
- ✓ 27-1-3: about 50 frags. of broken human bones.

add 25-9-730?
ask F.O.A.
alabaster model not diam.
See text on slave vessels p. 269.

24-2-730: model offering basin, type S-X: h., 3.8 cm: d: rim, 3.8 cm.: d. base, 2.0 cm: found under overturned coffin.

Have illustrations been prepared?

I think my checks indicate that they have.

V.1

Shaft G 7420 A: man's shaft: 2.05 x 2.0 m., -10.65 m. in rock: lined with massive masonry, 5.1 m., 6 courses: Chamber: type 3 cmx, on S: 5.7 x 5.7 m.: and 3.7 m. high. area, 32.49 sq.m.: capacity, 120.21 cu.m.: Passage, 1.65 x 1.5 m. and 1.75 m. high: no trace of blocking found in place in passage: turning recess in N wall of shaft, 2.07 m. wide, 1.35 m. deep and 2.55 m. high, with roof sloping up to north and with unfinished cutting in N wall made to enlarge the recess: In the chamber no trace of a coffin was found: Canopic pit: in SE corner, 0.6 x 0.45 m., and 0.32 m. deep: without rebate: either the chamber was unused or a garnite coffin has been removed: It is very probable that the granite coffin of Prince Horbaf in the Cairo

Museum come from this chamber. The measurements are possible 1., 2.3 m., w., 1.19 m., h., 1.45 m. and the name accords ~~with~~ with that on a fragment of relief found in the chapel reading Hr-(b;-f).

Filling of shaft G 7420 A: the upper part of the shaft was empty to a depth of 8 meters: then followed very mixed dumped debris for several meters, then a stratum of drift sand (in which was a decayed wooden statuette), and again disturbed dumped debris which had run into chamber around doorway: apparently the shaft and chamber had been excavated recently.

Shaft G 7420 B: 1.8 x 1.8 m., -5.25 m. in rock: lined with massive masonry, 5.65 m., 9 courses: type 7 x: filled with disturbed dumped debris *in which were found:*

not drawn {
 25-1-97X: faience: hindquarters of animal: l., 2.7 m.; h. 1.8 cm
 25-1-98: faience: frag. of amulet: h., 1.6 cm.; w., 1.1 cm.
 25-1-99: rough nearly rectangular flint flake: 5.0 x 6.0 cm.
 25-1-100: red granite: frag from leg of statue (life size): 19.0 x 13.6 cm.

Later Constructions:-

South of G 7420, in avenue 2, the western part is occupied by the exterior c.b. chapel of G 7320, rooms e and i with the drainage culvert and tank under the floor: east of this stand a small mastaba G 7432.

In the street east of the mastaba between the two chapels are the remains of a small c.b. mastaba, G 7422, with four shafts in N-S line.

Against the N end of the mastaba, on a lower level was one larger mastaba, G 7411, excavated by Tewfik Eff. Boulos with a conglomeration of small partly destroyed mastaba west and N of it.

Intrusive shafts:

the street E of G 7410+7420 presented three irregular layers: on the floor, 1st. debris mixed with sand; above these a deep layer of drift sand (1.0-1.6 m. deep) and above this surface debris consisting of seabakh siftings, black earth of the Ptolemaic Period, containing pottery, shawabtis, amulets, etc. of the Ptolemaic-Roman Period: close to the mastaba were found a number of Ptolemaic-Roman mummies, some in lined and roofed burial chambers and some in open pits in the sand: shaft Y, stone roofed pit, was just south of chapel 7420: shaft Z, also lined and roofed was about 13 m. north of chapel G 7420: north of it were 11 open graves each containing a decayed mummy:

↳ just south of chapel 7410 was a lined and roofed grave: north of this chapel were ~~several~~ graves of the same type:

↳ Inside the mastaba between the two old cores was an intrusive shaft, a lined grave, numbered G 7421 X.

Note
 Shafts Y & Z were not shewn on Wheeler's plan and therefore could not be traced.

A. F.

*But coffin has on four sides
 + by mastaba fragments in side
 fragments has*

The four southern mastabas intended to be twin mastabas: as finished:-

G 7130+7140: Prince Khufuw-khaf and his wife: twin mastaba, the westernmost of the four southern mastabas: south of G 7110+7120.

See Figs..... Plan & Section done. A. F.

See Pls.....

Owner: Khufuw-khaf, s; nswt n ht-f mry-f, rp't, sd; wty bity, smr w'ty, [mrr nb-] f m iswt-f nb, hm ntr Hw'w, hry, wdb ht-'nh, wrw hb, 'd mr Dp, 'Dw;w, hrp 'h, hm b;w mhn mdw H'p, mdw hdt k; (?), hm ntr ~~the~~ w'tat Hr (Horus of Edfu)

See Junker ANzeiger der Österreichischen Akademie der Wissenschaften 1953, Nr. 14 pp. 171-175. Argument that Queen has come to lead her son mry-tomer. Pl. with probably from W.S.S. History

Hp

Further viziers titles below of Cairo statue No 46 and relief 24-11-635 belonged to Khufuw-khaf. (see p. 37)

Mastaba: core of massive masonry consisting of old core G 7130 of type IV 1 and an addition on the south of massive corework type IV-iii with recess for interior chapel: N chapel built in hole in core 7130: core, 66.0 x 17.25 m.; area, 1138.5 sq.m.: prop. 1/3.82: near the south end of G 7140, a recess had been built to receive the man's chapel: and at the S end of 7130 a hole was broken to receive the wife's chapel: the core was cased in fine white limestone (x-masonry) and bonded with it two interior chapels of type (3a): the cased mastaba measured 68.5 x 20.05 m.: area, 1373.42 sq.m.: prop. 1/3.41: height, ... of G 7130, 6.61m.: h. of 7140, 5.18m.

Fragments of two diorite (life-size) seated statues of Khufuw-khaf (see pp. 12, 13).

- 24-12-962: Fragment right side of base of seated(?) statue with part of right foot inscribed on top: (Hw)fw-h;f; see Pl. 1. found in pit G 7130 X. May fit statue No. 46 in Cairo of headless vizier. Appears to be right size space broken by statue 11.4 wide and height 7.4
- 24-12-656: Right hand of seated statue, found in chamber G 7132 A. See Pl. 1.
- 24-12-657: Right hand of seated statue, found with 24-12-656, See Pl. 1.

high which is a little larger than our piece. accurate measurements should be taken of Cairo piece. Cairo statue inscribed on right side of throne: s3 nswt n ht-f sd; wty bity to be continued by the (Hw)fw-h;f in our fragment. Left side of Cairo statue inscribed: nswt t34ty s3 b t34 wr s [for d; huty]....

Masons and Quarry Marks:

On backs of casing stones, 13 with unintelligible quarry marks, 4 on N, 4 on E and 5 on S. levelling line on E face of core.

insert

On the back of a casing stone displaced from E face in building Isis temple and on west in pavement of that temple; Pl. 31 Sp 12 that 2 smw Interpreted year 23 of Cheops.

Chapels: G 7130+7140: two interior chapels of white limestone bonded with casing: each with subsidiary N niche in casing. before chapel G 7140, exterior stone chapel and before chapel G 7130 an exterior c.b. chapel: in the street between the two exterior chapels are the remains of other c.b. rooms which filled the W side of the street: north of chapel G 7130, are scanty remains of other c.b. walls destroyed by intrusive mastaba: at N end of street, a c.b. doorway with stone sill giving access to street from avenue 2.

Chapel G 7140: Prince Khufuw-khaf I: interior offering room a of white limestone built in recess constructed ab origine in additional corework: type (3a) with special deep(?) niche at S end of W wall: outer niche 1.3 x 0.35 m.: inner recess, 0.58x0.54 with W end cut away: well preserved but tops of walls destroyed and hole cut through niche in making a ~~horizontal~~ burial chamber of the Ptolemaic Period: 4.15 x 1.65 m.: area, 6.84 sq.m.: prop. 1/2.51: entered by doorway in N end of E wall, opening in embrasure in sloping casing: against the sloping casing is constructed an exterior chapel of fine white limestone with 2 rooms (b, c):

* Footnote: This niche is restored wrongly as an ordinary simple compound niche in Vol I, Figs. 114, 194.

l chapel

Note There is a small niche cut in the east wall of the mastaba just N. of exterior chapel of G 7140. (See Floroff's tracing) A. F. 18-8-41

- b) same length as embrasure with doorway to a in middle of W side 3.65 x 2.3 m.: area, 8.39 sq.m.: entered from E by doorway in N end of E wall: small doorway to c in E end of N wall.
 - c) magazine with stone shelf, north of b and entered by doorway in E end of S wall: 2.05 x 1.7 m.: area, 3.48 sq.m. along W side, at height of 1.25 m. above floor a horizontal stone slab fixed in the wall forms a shelf, 0.95 m. wide: there is a shallow recess in the E wall beside door, 65 cm. wide, 1.2 m. high and 10 cm. deep.
- Total area a-c, 18.71 sq.m.

inscribed on p. 32 ^{Continuing} ~~of the~~ "Quarry marks"

: on the back of a casing block displaced from E face when the Isis Temple was built: overlaid by pavement of Isis Temple, inscription on stone block
h3t sp 12 ibd 2, with other illegible signs: interpreted as
"Year 23 of Cheops."

E. De Rouge gives some of the inscriptions in Inscriptions hieroglyphiques Copiées en Egypte, Pls LX, LXI. He adds what appears to be an architectural inscription otherwise unknown: hnt-t nôt hry sst3 n

nbt-g Hwfw-b'cf. This may be a mistake, but it also may be an architectural or drum which has appeared. This text is 7150 Khufu-chuf II WKS. H imy [wt]

Decoration of chapel G 7(4)10: 7140 Room a was fully decorated: including doorjambs and facade panels in embrasure: these panels were exposed to view in the western side of room b: the doorjambs of the outer entrance to room b were also decorated: the N, E, and S walls of room b, were probably intended to be decorated. Daressy Annales XVI p.257: M.F.A. Bulletin, Vol.XXXII, No.189

b) entrance doorway ^{to room b} only decoration is on the doorjambs: on each side at the top is a crouching jackal (Anubis) facing out; over Anubis, hnt t;-dsr, with signs facing out; under the Anubis htp dy nfr i;w hr ntr c; s; nswt Hwfw-hc-f. Pl. 43 S side over Anubis, h(nt) (t;-) dsr: underneath htp dy, wsr špsš hr ntr c; s; nswt Hwfw-hc-f. Pl. 43

b) west side, facade panels of doorway to (a):- N-panel: (W.S.Smith op.cit, Pl.43B) large standing figure of Khufuw-khaf, as a fat middle aged man, facing in to left long pleated skirt with panther skin over it, bare head staff in left hand (attached to right arm) and ~~handkerchief~~ handkerchief in hanging right hand (attached to left arm) in front a vertical line with titles and name: between man and staff a naked boy also facing to left; behind him three registers of two small figures in each: (1) sons, hwt-k! and Iwn-k!: (2) hm-k! Ssm-k!w, carrying staff, sandals and bag over shoulder: sš wnmw, carries a case and bag: (3) the heads of two scribes. In front of šsr man sš smwt ... (1st row // // //)

h s3 nswt nbt-g mry-g Hwfw [b'cf]
h s3-f h 43-f
H m nswt

S Panel: (M.F.A. Bulletin Fig.9, W.S.Smith op.cit. Pl.44B detail of two large figures): two large figures facing in to right, mother of the prince, Queen (Henutsen) who holds by the hand the prince who stands behind her as a young man: above and in front of queen titles with name accidentally cut away in Ptolemaic/Roman Times: Queen has left hand open on her breast and holds with her right hand the left hand of her son: she wears peculiar cap, a long tunic with peak on left shoulder: the prince has a short skirt; his left hand holds his mothers right hand and his right hangs holding a handkerchief (or a band?): behind him are three registers of two men each all face to right: (1) standing scribe with papyrus roll and scribes case: (2) standing scribe with left hand on right breast, carrying in his right hand a rectangular palette and pen-case: ~~the scribe has his arms crossed on breast with the sign hnt~~ written in front of his face. (3) ~~the scribe~~ labelled hm-k! Tntygm(?)..... (4) ~~the scribe~~ is labelled hk! h-t.....

h mwt-g mat sw mss H2 sth wr [x hts]
.....

In front of him is written: s3-s mwt-s' s3 nswt...
~~standing scribe~~ (b) standing scribe, partly obliterated.
under R. arm pit

h standing man
h obliterated

Entrance doorway to room a) Drum: large hieroglyph: sz nswt nbt-g smr wcty Hwfw-b'cf
a) N doorjamb: Prince seated on a chair facing out to right: broad wig, beard, short skirt, long staff in left hand, and his right half extended open: behind the chair stands a daughter: s!(t) nswt (Nfr) t-k!(w): in front and facing him stand the two sons holding scribe's palettes (dt sš in s! nswt hwt-k! and dyt s' in s! nswt Iwn-k!): above three vertical lines with titles and name,
(1) s! nswt n ht-f hry-g
(2) šmr wcty šhm ch hm B!w-Nhn "keeper of the door of the Letopolis nome" (s3 D w3w. ?)
(3) hry wdb h-t ch Hwfw-Hcf

H WT-K3

H h2p

on right edge a vertical line with signs facing out (m!! prt-r-hrw) and running horizontally to left, int m pr nswt m p... n!wt-f nt pr dt: under this a horizontal ideographic list with signs facing to left (1000 cattle, oryx, gazelle, addax, šr-goose, trp-goose, st-goose, mnwt): on the right behind the figure of Yuwenka, written vertically, hryt-hrw wcty(?) n sh (šhb?): right of this separated by vertical line, two signs for 100,000, one for 10,000 and 3 for 1000.

a) S doorjamb: figure of prince seated as on N but facing out to left: girl standing behind his chair: in front, the two sons seated on the ground with one knee raised: s; nswt Wt-k; and s; nswt Iwn-k;: in same attitude, with left hand on breast holding papyrus roll and right hand half extended ~~on~~ ~~hand~~ open: above, three vertical lines with titles and name s; nswt n ht-f mry-f (2) ~~ht~~ bity mdw HOp (3) ~~hr hm ntr hr.~~ ~~hr hm ntr hr.~~ Hwfw-hc-f: on left vertical line, signs facing out to left, m; htm-t in-t m [pr] nswt: horizontal line of offerings, signs facing in, (1000, idmy, mrht, h; tyt, and several other ointments). Pl. 43.

M s3wt y M Hp

M hm ntr Wt H2

(Horus y Edge)

also, AZ, 71, p.141, JEA, 19, p.154 ff.

Wearing a

M; hoes

a) E wall (detail to show workmanship: Smith Op.cit. Pl.42 c): next to door, prince seated on chair facing in to right, with short pleated skirt, short wig and short chin-beard holding staff in left hand and other hand (left hand on right arm) extended open above his thigh: behind his chair stands a girl long tunic broad necklace, with left hand raised resting on father's hip and blue lotus in right hand: above ~~his~~ head titles and name but the titles are broken away: in front of ~~her~~ him is a vertical line of large signs facing to right of which the upper part is broken away ([m;]) in-t m nswt-f nt dt.

M left

M s3st

in front of the chief scene are four registers of which the upper and second registers are partly broken away:
(1) destroyed except for sealed jars at S end:
(2) man standing facing to right holding up a papyrus roll(?) in both hands with box of linen(?) on ground on the other side of him: over the box idmy, tp s3r idmy, tp c tyw; second man standing with arms extended in front and ~~hand~~ behind, holding a piece of linen in each hand, beside him again a box: over the box, tp s3r hfr, nhrw: tp s3r nfr, tp-ht: two rectangular tables with four cylindrical jars each, with inscriptions above, ... tp het sft, tp het s3st, tp het tt nb(?)
(3) man holding out a box or tray containing a stand with three holes each containing a cylindrical jar, inscribed under the box, dyt htmt hryt st1 nb: man holding out a double bell censer, hm k;: Sennaw-ka: in front of his feet is a chest with hryt sntr over it: man holding up a box containing two hs-vases and a bowl stand with bowl set in holes in the false bottom: at his feet a rectangular table with various vessels (ewer, basin, censer, two jars with string handle and a spouted bowl with recurved rim): then come five big jars (type A-II b) each in a ring stand: above them is written, tp het lb, tp het smcwy: then a box: over the box hnw hry sntr: ~~on the box~~ hnw hry sntr: on the box, db-t 233,000.
(4) three pairs of men carrying apron-like garments: over each garment is its name, ic; b; smcwy, ic; , ic; m; s-t.

See Pl. 44.

priests

Bull.

a) S Wall: (detail of five ~~priests~~, M.F.A. fig. 4): prince seated facing in to right at table of bread: full wig, short chin-beard and short skirt: both hands extended, the right hand (left hand) to the bread and the left hand to the offerings under the table: bread, of tall conventional form: above his head are three vertical lines of titles and name,

M mdw hdt ks (?)

- (1) ~~hm ntr~~ hm ntr iry pcty (nct)
(2) ~~hry wdb~~ hry wdb.
(3) Hwfw-hc-f.

over the table is a framed list of offerings in six or seven horizontal lines of which four are preserved: in the lowest line, nswt dy htp n s; nswt Hwfw-hc-f rc nb monthly, half monthly hb nb irw d-t.

Under the table on the left: ideographic list of offerings (bread, beer, clothing, perfume, cattle and fowl):
Under the table on the right: two registers of two men each
1) on left: man kneeling on one knee facing to left, holding a small jar (nw-pot) in each hand: above him is written, prt-r-hrw (bread and beer): the second figure stands holding a haunch of meat:
2) man kneeling on one knee, holds out left hand closed at height of his head and the right extended towards prince: above is written snm jht: the second figure,

standing, with right hand extended open and the left hand hanging, wrdn (for wdn) iht (bread, beer).

Pl. 46

a) N Wall (M.F.A. Bulletin, l.c., Fig.1): family group: the prince on the left facing out to right, leaning on his staff: bare head or close fitting cap, long skirt (sarong?): before him facing him, stands his wife, long tunic and large lappet wig: her right hand open on her breast and her left hanging holding the ~~rod~~ coiled stem of a lotus flower (blue lotus): above are ~~the~~ vertical lines with the titles and names of both, only partly preserved: horizontally in front of his face with signs facing to right, Hwfw-hc-f: horizontally above her head, with signs facing to left, Nfr-t-k(w).

L 1) ... d mr Dp, 2) ...
... wnw hbr

a) W Wall south of ka-door: four registers each bearing one standing figure facing in, estates bearing offerings:
(1) male, Hwfw-hc-f
(2) female, M; t-b; w-Hwfw;
(3) Mnkb-Hwfw.
(4) woman, Grgt-Hwfw.
all face to right, carrying a basket on the head and leading a small animal.

a) Ka-door: deep compound niche but not the special niche:

Architrave missing:

Tablet: prince seated in traditional attitude facing to right at table of bread: bread conventionalized: top line with titles and name is missing: above the bread are 2 horizontal lines with signs facing to left, extending beyond the table and continued by ~~two~~ horizontal to the right of the table and extending to fill the space under the table on the right: separated by raised lines: short list of offerings: under table on left, ideographic list (1000 bread, 1000 beer, 1000 gs, 1000 mrht, 1000 mrht):

with three lines

Cross-bar: bears horizontal line with signs facing to right, nswt dy inpw htp hnt t; dsr prt-r-hrw m hb nb s; nswt Hwfw-hc-f.

Inner niche: broken away by Ptolemaic cutting but S side is preserved and uninscribed: probably the back and N side were also uninscribed.

/back

Outer niche, the two/panels: on each side a tall bowl-stand with basin.

Outer niche, the two sides faces: on each side, five registers each containing a man standing facing in: on S,

- (1) partly broken at top, [dyt] sntr;
- (2) holding out kbh-jar in left and small jar with cord-handle, dyt kbh;
- (3) pours water from ewer in right hand, into a basin held in left hand, dyt mw.
- (4) holds out offering table with offerings in both hands dyt iht;
- (5) holds a live goose by neck and wings, stp. }pd.

N side, only four registers preserved, #

- (2) holds pleated linen (bag?). ~~.....~~
- (3) carries haunch.
- (4) holds out tray with 4 jars, irp.
- (5) man carrying wicker case, ihb bnrt.

(view of false door looking SW, M.F.A. Fig.2). / Bulletin
See Pl. 46

a) W Wall, north of ka-door: a great presentation scene: on the right end, the prince stands facing to left with his wife behind him: prince with short wig, short chin-beard, short skirt with panther skin over it, long staff in right and shn wand in left: behind him his wife, with bare-head (cap?), dog-collar, long tunic, bracelets and anklets: her right arm passes around his left with the hand open on her breast and claps his left wrist with her left hand: above 4 vertical lines give his titles and names and two more give her titles and names:

- (1) (s; nswt n ht-f) mry-f
- (2)hm ntr Hwfw
- (3)m. iswt-f nb.
- (4) Hwfw-hc-f.
- (5) Amnt-f mryt-f.
- (6) (Nfrt)-k(w).

Checks the
ih + bnrt
if design shows in
photo.

M.F.A. Bulletin,
Figs. 6a, 6b, Smith
l.c., Pl. 43.

In front of chief figures are 5 registers of figures facing to right:

Nfr-bnr-wt-t-Hwfw(?)

(1) Five estates bearing offerings (baskets and live birds)

male and female alternately: *Nfr*
 (a) *Hc-k/-h-t-Hwfw.*: (b) *Hwfw-bnr-wt-t* (c) *Iw-Hwfw:*
 (d) *Bct-Hwfw:* (e) *Hc-Hwfw.*

H-f

(2) five scribes: horizontal line above, *Imy-r/ pr d/d;t*
ip prt-r-hrw int in niwt-t pr dt:

- (a) squatting with one knee up with pen behind his ear, writing; in front of him a scribe's case with two rolls of papyrus on it; probably the *Imy-r/ pr.*
- (b) scribe in same attitude in front of him a scribe's case, *K/-mni.*
- (c) scribe in same attitude, two pens in his hand, *K/-n-nb.*
- (d) scribe with right hand ^{raised} to take roll of papyrus from fifth man, *Hym.*:
- (e) standing man holding out roll of papyrus to 4th scribe: in front a papyrus case on which is a low table with three unidentifiable objects on it: *Iry md;t Bbi.*

(3) above the register is a horizontal line, *It-t htmt in htmw:* five men facing to right:

- (a) using bell censer.
- (b) carries in left hand sandal-case on cord handle or perhaps a seal-case on a cord-handle, and in his right hand a fan.
- (c) carries bag and a strip of cloth in his left hand and a long bag over his right shoulder.
- (d) carries in left, a skirt and in right holds one end of the spread skirt which the next man ^{carries}
- (e) holds with both hands: on the skirt is a ~~of signs~~ ^{circle} tie hanging from middle of upper hem.

(4) six men facing to right:

- (a) carries rectangular box with both hands at level of his face.
- (b) ewer and basin held high in both hands.
- (c) circular table with three loaves of bread, held high in both hands:
- (d) water jar in each hand.
- (e) in left ^{L hand}, skewered goose and in ^{hand a} right, platter with haunch.
- (f) in right hand, long skewer with meat(?) ^{and in left hand}

L a bowl with cut of meat

→ each

(5) six men bringing birds and animals to right:

- (a) live birds in ~~both~~ hands.
- (b) large goose in his arms.
- (c) carries a gazelle on his back (around the back of his neck).
- (d) carries calf around the back of his neck.
- (e) carries hyena in same fashion.
- (f) carries gazelle in his arms in front.

See Pl. 45.

Chapel G 7130: wife's chapel, (Princess(?) Nefert-kaw): built in hole broken in old core 7130: of type (3a) of white limestone: bonded with casing: subsidiary N niche in casing: with one room exterior c.b. chapel.

a) 4.3 x 1.5 m.: area, 6.45 sq.m.: prop. 1/2.86: foundation lines and remains of walls on E, S, and ka-door: outer recess of ka-door 1.35 x 0.3 m.: inner recess, 0.65 x 1.25 m.: special deep niche at S end of W wall, ^{chapel} entered by door in N end of E wall, opening in embrasure 2.9 m. wide.

b) exterior c.b. room enclosing doorway embrasure to room a: 3.55 x 1.45 m.: area, 5.14 sq.m.: E wall, 1.6 m.: N and S walls, 1.35 m. thick: entered by doorway in S end of E wall.

Total floor area, 11.59 sq.m.

Decoration of chapel G 7130, room a, Princess(?) Nefert-kauw:

Walls of room and facade panels apparently decorated with reliefs: represented by fragments found in and in front of room a:

- 1) fragment from N facade panel, showing back of head of a man, fragment from edge of doorjamb: showing on the outside a sloping face and on the inside a vertical face: on the sloping face on the right, a border and next to it part of the head of a man (like Khufuw-haf on N panel of G 7140) facing to right: on the N doorjamb, a sloping border and part of a vertical line of hieroglyphics,rpct....k!.....
- 2) four fragments showing parts of four large figures of which three appear to be male figures: thus the figure of Khufuw-haf dominated the decoration of his wife's chapel: c.f. chapels of Atet and Nofret at Medum and G 7410.
- 3) another small fragment shows part of the name of Wet-ka one of the two eldest sons.

Shafts in G 7130+7140: like all the mastabas in the southern row of four, G 7130+7140 had its shafts, 2 in number, on the old core 7130: A on N and B on S:

G7130+40A

Shaft ~~B 7130~~ A: 1.9 x 1.9 m., -9.92 m. in rock: lined above with massive masonry, 4.65 m., 7 courses:

Chamber, type 6 b(2) on S: 3.15 x 1.15 m.: and 1.05 m. high: area, 3.62/sq.m.: capacity, 3.8/cu.m.

Shaft and chamber filled with dirty disturbed dumped debris containing one frag. of black and white porphyry squat jar, frag. of alabaster headrest, and many faience amulets and frags of the Saite-Ptolemaic Period: all objects obviously intrusive:

24-12-283: limestone: part of two handled vessel (Ptol.)

24-12-284: frag. diorite bowl with internal rim: d., 29cm. h.ca., 9.0 cm.: d.base, ca. 10 cm.

24-12-285: alabaster: frag. dressed on both sides with one end rounded off: 7.45 x 3.9 cm. and 1.5 cm. thick.

24-12-286 to 291: faience: frag. of vase, three frags. of shawabtis and a small pendant.

24-12-305 to 308: misc. Ptolemaic frags.: a shell, faience amulet, corroded frag. of bronze or copper, and a faience long rectangular bead.

Chapel in Street: in the western side of the street between the exterior stone chapel of G 7140 and the exterior c.b. chapel of G 7130 were a series of c.b. rooms with a narrow N-S passage running in front of them: in these rooms have been intruded five shafts (x-shafts) which mutilated the outlines of the c.b. rooms: just south of the N subsidiary niche of G 7140, is visible the N end of a room, entered by a doorway in the N end of the E wall: whether this space southwards to G 7140 (exterior chapel) contained one or more rooms is uncertain: around the subsidiary north niche of G 7140 appears to be a long N-S room reaching to the S face of the exterior c.b. chapel of G 7130, and entered by doorway in N end of E wall. (about 7.35 x 1.95 m.).

Subsidiary N niche of G 7140, outer recess, 1.15 x 0.35 m. and inner recess 0.45 x 0.35 m.

North of the c.b. chapel of G 7130 the evidence is not so clear owing to intrusive shafts and the small mastaba G 7132 built against the casing of the mastaba: but the line of W side of the passage on the east side of the street was followed by all intrusions: at the N end of the street was partly preserved a c.b. doorway ~~xxxxxx~~ 1.5 m. thick and 0.9 m. wide: with sill of three slabs: this appears to open into a small room about 1.95 m. long with doorway on S endign at N side of subsidiary N niche of G 7130: the space in front of this niche was clear and opened into the N end of the passage described above: outer recess of N subsidiary niche of 7130, 1.15 x 0.35 m.: inner recess, 0.4 x 0.35 m.

the outer doorway opens into avenue 2 and the sill slopes down from the floor of that avenue to the floor of the N-S passage in front of our mastaba: under the floor in avenue 2, ran a

L and G. 7133

Decoration of chapel G 7130, room a, Princess(?) Nefert-kaw: See Plate 47. Walls of room and facade panels apparently decorated with reliefs: represented by fragments found in and in front of room a:

M This piece is

- 1) fragment from N facade panel, showing back of head of a man, fragment from edge of doorjamb: showing on the outside a sloping face and on the inside a vertical face: on the sloping face on the right, a border and next to it part of the head of a man (like Khufuw-haf on N panel of G 7140) facing to right. On the N doorjamb is a sloping border and part of a vertical line of hieroglyphics,rpct....k!.....
Probably joins with No 3 below to readrpct... Wt-k3... See Fig....
 - 2) four fragments showing parts of four large figures of which three appear to be male figures: thus the figure of Khufuw-haf dominated the decoration of his wife's chapel: c.f. chapels of Atet and Nofret at Medum and G 7410. See Plate 47, Fig.... One is from a seated figure with hand clenched on left and h
 - 3) another small fragment shows part of the name of Wet-ka one of the two eldest sons. Fig.... Pl. 47
[insert attached sheet]
- Shafts in G 7130+7140: like all the mastabas in the southern row of four, G 7130+7140 had its shafts, 2 in number, in the old core 7130: A on N and B on S:

from its small scale probably to be assigned to N. door jamb. one piece shows hanging arm of woman with bracelets.

Shaft G 7130⁴⁰ A: 1.9 x 1.9 m., -9.92 m. in rock: lined above with massive masonry, 4.65 m., 7 courses:
 Chamber, type 6 b(2) on S: 3.15 x 1.15 m.: and 1.05 m. high: area, 3.62 sq.m.: capacity, 3.8 cu.m.
 Shaft and chamber filled with dirty, disturbed, dumped debris containing one frag. of black and white porphery squat jar, frag. of alabaster headrest, and many faience amulets and frags of the Saite-Ptolemaic Period: all

Note: The red outline represents the edges of a typewritten piece of paper pasted on top of this page.

[insert]

From the style of their cutting in high bold relief and resemblance to the reliefs in the chapel of G 7140, it is probable that several fragments found in the street east of the Queens' pyramids are to be assigned to the chapel of Khufuw-khaf's wife (G 7130)

MFA 34.60

- 1) 29-7-11: Block with head and shoulders of large male figure facing to right. Wears short wig and chin beard, broad collar and 'boatman's fillet' with long streamers. M.F.A. No. 36.40. Could be a head of Khufuw-khaf. See Pl. 35 d. Found in debris of Isis Temple. 40 x 60 cms.
~~2) 29-7-11: Block with head and shoulders of large male figure facing to right. Wears short wig and chin beard, broad collar and 'boatman's fillet' with long streamers. M.F.A. No. 36.40. Could be a head of Khufuw-khaf. See Pl. 35 d. Found in debris of Isis Temple. 40 x 60 cms.~~
- 2) 24-11-692: Two fragments forming a ~~small~~ headless seated figure, ~~on~~ on a large scale. Perhaps as in G 7140 a seated figure from the east wall of the chapel (the staff which he is holding is not suitable for the table scene of the south wall). Found in the Queen's boat grave. Pl. 35 a.
- 3) 24-11-635: Block from an architrave with an inscription in large hieroglyphs:....rp|at tayty s!b t!ty wr 5 pr Dhwtj.... Khufuw-khaf does not bear these titles in his chapel, but if the Cairo statue of the vizier No. 46 fits the fragment with the name of Khufuw-khaf these titles would be supplied for the prince. Khufuw-khaf bears the title sd!wtj bity in common with the statue. This title, as well as rp't which he also possesses are suitable for a vizier. The missing upper portions of the chapel walls in G 7140 leave space for the restoration of the titles of a vizier. Block found in the Queen's boat grave. See Pl. 35 f and Fig.
- 4) 25-12-668: Fragment from an architrave (?) with unintelligible inscription in large hieroglyphs resembling the preceding block and the style of the Khufuw-khaf chapel. Found in St. 7000, north of Isis Temple. Pl. 35 a, Fig....

1.15 x 0.35 m.: inner recess, 0.4 x 0.35 m. the outer doorway opens into avenue 2 and the sill slopes down from the floor of that avenue to the floor of the N-S passage in front of our mastaba: under the floor in avenue 2, ran a

long N-S enclosing wall which was probably put out of use before G 7130+7140 was finished.

See Pl. 47 and Map.

Shaft G 7130+40 B: man's shaft: altered by Ptolemaic cuttings and reused: 2.05 x 2.05 m.: -8.2 m. in rock: lined above with massive masonry, 4.65 m., 7 courses (with levelling course on sloping rock surface).
 Turning recess in N wall of shaft at bottom: 2.05 m. wide (E-W), 1.8 m. deep (N-S) and 2.85 m. high with roof sloping slightly upwards towards the N.
 Chamber: two rooms, main chamber and coffin chamber:
 Main chamber: type 4 a(1): on S; 5.35 x 5.85 m.: and 2.5-3.2 m. high, with roof sloping upwards from N to S: area, 31.29 sq.m.: capacity, 89.17 cu.m.: for Ptolemaic alterations see below. See Pl. 47
 Passage: 2.05 x 1.12 m. and 2.35 m.-2.47 m. high as roof slopes slightly downwards from shaft to chamber: no trace of blocking remained, probably of type II b(1).

Coffin chamber: south of main chamber, entered by passage opening in SW corner of main room at floor level: with S wall lined with white limestone and coffin alcove cut in W wall: the rock cut chamber measures, 3.05 x 3.15 and 1.9 m. high: area, 9.6 sq.m.: capacity, 18.24 cu.m.

Lining: the S wall of the room had been cut back in the upper half to a depth of 0.65 m. deep and 0.95 down from roof: on the W below the rock had been cut away for the same depth and downwards for 0.33 m.: this cutting contains the remains of four courses of white limestone blocks (three courses filling the upper cutting and one course in the lower continuation: the lined chamber measured, 2.4 x 3.15 m. and 1.9 m. high, giving an area of 7.76 sq.m. and capacity of 14.74 cu.m.

See if this can be checked in Alex's drawings on m spot.

Coffin alcove: in W wall: 2.3 x 1.975 m. and 1.8 m. high: area, 4.54 sq.m.: capacity 8.17 cu.m.: ~~the opening on the chamber side had a rock cut jamb on each side and a rock cut lintel on the roof: this opening was~~ ^{been} ~~probably~~ blocked with masonry: in the floor of the alcove were cut four horizontal grooves, perhaps to admit ropes used in handling the coffin. ~~Now the ceiling~~

Upper part of the ~~rock~~ ^{alcove} walls and ceiling was a shallow cutting which was apparently intended to form a ledge on which to rest the lid of the sarcophagus. See Pl. 47

Coffin: plain red granite coffin of type d: lid and upper part broken in fragments but bottom found in alcove with its E side propped up on stones as left by the plunderers (probably in Ptolemaic times) who lifted the granite piece to search under it: 2.25 x 0.86 m. and 0.92 m. high (1.055 with lid). cavity, 1.89 x 0.59 m. and 0.66 m. deep: flat lid with rebate under edges (Reg.No. 36-10-37). See Fig....

Canopic Recess: In the W end of S wall of chamber, between two blocks of white lining: 0.5 m. wide (E-W), 0.3 m. high and 1.05 m. deep: with back part cut in rock to a depth of 0.4 m.: no rebate.

Passage: from SW corner of main room at floor level to E end of N wall of coffin room also at floor level: cut into to form a burial loculus in Ptolemaic Period but apparently measured 2.1 x 1.05 m. and 1.15 m. high. no trace of blocking but probably again of type II b(1)

Total area of rock cut rooms and alcove, 45.43 sq.m.
 Total capacity of rock cut chamber and alcove, 115.58 cu.m.
 Total area, main room, lined room and alcove, ~~143.59~~ sq.m.
 Total capacity, main room, lined room and alcove, 113.08 cu.m.

is correct
43.59

["near floor level" is crossed out]
"with I and II above III and III near floor."
A. F.

Ptolemaic alterations in the two rooms of the original burial chamber:
 In the W wall of the main chamber were loculi I-III (with I and II near ~~floor~~ level and III near floor.

In the E wall of the main chamber were two loculi in the upper part, Nos. VIII and IX.

In the S wall of the main chamber, were the openings of two passages, the old passage to coffin room in the lower W corner (converted into loculus No. IV) and a Ptolemaic passage high up west of middle of wall: in the upper part of the wall were three loculi: ~~in~~ No. V, two on the east, Nos. VI and VII. See Pl. 47 and Fig....

Check this with plans 7 m west and

In floor of main chamber near the N wall, is a shaft No.X, leading down to another chamber.
 In the old connection passage between the main chamber and the coffin room, the walls have been cut away to form a room IV.
 In the coffin room the N wall west of the passage has been excavated to form room No.XI: but through into No.III.
 In the middle of the floor is a shaft, No.XII leading to chamber below: shaft with rebate for covering slabs.
 In the NE corner of the room is a small loculus No.XIII.
 In the S wall of the main chamber high up W of the middle opens Ptolemaic passage running southwards: 5.2 m. long: E side irregularly, so that the width from 0.9 m. in the opening in the main room to 1.35 m. in the middle and 1.25 m. at the S end where it opens into shaft C. ~~.....~~ this shaft which descends from the surface in the Isis temple, room G. and contained loculi at three different levels: the passage resulted probably the breaking through from one loculus in the main chamber. ~~from~~

Shaft B: filled with mixed dumped debris which had run into chamber around end of passage: the room was found littered with stones and debris on which we found pieces of newspaper and burnt matches: the passage opening in the S wall of the main chamber of G 7130 B leads to another shaft which opens in the floor of room g of the Isis Temple: this shaft was found by us (said to have been excavated in recent times by the Service). The old chamber of G 7130 B with its Ptolemaic cuttings had been entered from the shaft in room g of the Isis Temple: the whole complex had been plundered at the time the shaft in the Isis Temple was excavated, On the filling of the shaft were four fragments of faience shawabtis.

In the chamber, main chamber, in the floor debris were other Ptolemaic objects:
 36-11-4, 5: Nov.4, 1936: at least 20 molded shawabtis, three inscribed, sb-n-st and ms-n-c mrrt(?): and many frags. showing at least three different molds:

36-11-7: w.lst.: frag. of statue, in loculus No.V.: from life size statue: closed hand holding handkerchief.

36-11-8: in room No.V: w.lst.: frag. from basis or slab: showing raised lines painted red: unintelligible perhaps from servant statuette.

36-11-9: in room VI: frag. of relief with incised ~~hieroglyphic~~ inscriptions.

Transliteration ?
not drawn

Later Constructions:

Against the S end of the mastaba, was constructed the mastaba of "prince" Khufuw-haf II, B 7150, probably a grandson of Prince Khufuw-haf I:

Against the E face of the mastaba, between the chapel G 7130 and its subsidiary N niche, is built the small offering room [G 7133 and a small mastaba G 7132 with two shafts to the N (A, B) and one shaft (7130 X) to the south.

All three shafts are of Dyn.IV or early Dyn.V.

In addition to shafts attached to G 7132, there were six other shafts, sunk in the rock along the face of the mastaba: three shafts, G 7140 X, Y, Z, from N to S, lie between the exterior chapel and the N subsidiary niche of G 7140: three others, G 7130 Y, Z, V, from N to S, (Z, V) south and one (Y) north of the exterior c.b. chapel of G 7130.

In the Saite-Ptolemaic Period the Isis Temple was extended eastwards across the top of the mastaba (N end of G 7140) to the street G 7100, where the continuation eastwards was destroyed by recent excavations (sebbakhin): see the temple of Isis with its private chapels and burial shafts.

In the same period but probably a little later than the private chapels in the Isis Temple, the chapel of G 7140 ~~was~~ received several intrusive burials (partly destroyed when Mariette first cleared the chapel): south of the exterior stone chapel about 2.75-3.25 and irregular wall was constructed across the whole street (to keep the debris back on the south) and in the space between the wall and the S face of the chapel was constructed a burial vault: the S end of the passage east of the exterior chapel was walled off and a shaft built to give access to the vault south of the shaft: in the exterior chamber b, another burial vault had been constructed but of this only the cuttings in the facade panel was preserved: west of room a, another burial vaults (with bent roof) was cut in masonry and approached by a doorway cut through the ka-door: on top of this the vault in the debris, we found about 12 open graves burials (poorly mummified bodies).

It is also to be remembered that shaft G 7130 B had been enlarged and re-used in Saitie-Ptolemaic Times (see above).

G 7230+7240: name unknown: intended as twin mastaba but actually finished as two shaft mastaba: the second from the west of the four southern mastabas.

See Figs..... *Plan & Section done A.F.*
 See Pls.....

7230

Mastaba: core of massive masonry consisting of old core G 7130 (of type IV-1) with addition on south of massive corework of type IV-iii, with recess for chapel: no interior N chapel: core, 65.5 x 15.5 m.: area, 1015.25/sq.m.: prop. 1/4.23: * a casing of fine white limestone had been begun but only the lowest courses (1-3) had been laid along the E face: after white casing had been abandoned, the core was cased in crude brick which rested on top of the unfinished casing where it was already in place: the c.b. casing had the same dimensions as that designed for the white casing, 68.7 x 18.35 m., area, 1260.64/sq.m.: prop. 1/3.74: the street east of the casing was filled with rubbish which followed the slope of the rock deepening from N to S: on this street filling was constructed the exterior c.b. chapel. h. 5.25 m of 7230, h. of 7240, h. 5.95 m.

L (c):

Chapel: G 7230+7240: only one chapel all of c.b.: interior c.b. offering room a, built in the chapel recess of G 7240: of type (3a): exterior c.b. chapel of ~~type~~ *2 rooms (b-h)* with long open court on N along the E face of the exterior c.b. ran a N-S passage along the back of G 7230+7240.
 a) interior c.b. offering room of type (3a) with compound niche in S end of W wall: 3.15 x 1.25 m.: area, 3.93/sq.m.: prop. 1/2.52: walls white plastered but without trace of decoration (painting): walls more than half destroyed from top down: entered by doorway in N end of E wall, from exterior room b: opening in embrasure in c.b. casing, 3.0 m. wide and 0.3 m. deep: ka-door, outer recess, 0.45 x 0.15 m. and inner recess, 0.15 x 0.15 m.
 b) large room enclosing the doorway and embrasure of room a: hall, 4.1 x 3.25 m.: area, 13.32/sq.m.: inner half over the white casing: entered from e by doorway in E end of N wall: in the south wall are two doorway giving access to the magazines c and d.

c) N-S magazine south of b and west of d: 2.5 x 1.15 m.: area, 2.87/sq.m.: built over the white casing: entered by doorway (0.55 m. wide) in N wall opening into room b: doorway found blocked with c.b.

d) magazine east of and parallel to c: N-S room south of b: *2.35 x 1.17 m. area, 2.75 sq.m.* ~~2.35 x 1.0 m.: area, 2.35 sq.m.:~~ entered by doorway (0.7 m. wide) in N wall opening into b: blocked with c.b.: under the blocking is a basin, 0.5 x 0.6 m.

e) N-S corridor, originally entrance corridor, north of b, with room f west of it: 2.2 x 1.13 m.: area, 2.48/sq.m. entered from passage on E by doorway (0.75 m. wide) in N end of E wall: doorway to b in S wall and doorway to g in N wall: doorway to room f in S end of W wall: exterior doorway blocked with c.b. *h when* the main entrance from the N from room g came into use.

f) room west of corridor e: 2.2 x 1.4 m.: area, 3.08/sq.m. entered from corridor e by doorway (0.55 m. wide) in S end of E wall: doorway blocked by c.b.

g) N-S corridor similar to e and opening into it from N: 2.3 x 1.05 m.: area, 2.73/sq.m.: the western side was closed with a harrow wall shutting off the room h (probably intended originally to have a doorway at S end): room g was entered from the N by a doorway (0.7 m wide, and this was the main entrance after that in E wall of room e was blocked: doorway to e in S wall.

h) room ~~east~~ *west* of corridor g, walled from it by thin c.b. wall a doorway jamb at S end indicates the original intention of making a doorway in S end of E wall: 2.45 x 1.8 m.: area, 4.41/sq.m.: built over the white casing.

Thickness of walls: the east wall measures about 1.2 m. thick: the N wall (N side of room g, h, is 1.0 m. thick: the other E-W wall (that south of c.b., that between b and f, and that between f and h are 0.7 m. thick: the wall between b and c, d, 0.5 m., that between e and f, 0.6 m., and that between g and h, 0.4 m. thick

i) long N-S open court north ^{of} exterior rooms b-h: 42.7 x 4.7 m.: area, 200.39/sq.m.: in the debris at the N end of the room against the c.b. casing of the mastaba but near the bottom were found about 70 mud tablets inscribed in black ink.

Total area of rooms
b - h, 31.64 sq. m.
Total area of the whole complex.
a - i, 236.26 sq. m.

a.f.
6-8-40.

Shafts in G 7230+7240: two shafts, A on N and B on S, in the old core G 7130 as the mastabas E and W ~~of~~ in the same row.

Shaft G 7230 A: 1.95 x 1.9 m., -10.22 m. in rock: lined above with massive masonry, 5.1 m., 10 courses: Chamber type 3 al, on S: 4.0 x 5.4 m. and 3.0 m. high: area, 23.22 sq.m. (irregular): capacity, 66.17 cu.m. Passage: 2.2 x 1.0 m., 1.1 m. high: step down from floor of passage to floor of chamber, 0.2 m. high: found open: no traces of original burial.

Shaft G 7230 B: altered by Ptolemaic cutting: ~~1.7~~ ^{2.05} x ~~1.77~~ ^{2.05} m.: -10.58 m. in rock: lined above with massive masonry, 4.1 m., 7 courses Chamber type 3 clx, on S: 4.35 x 4.35 m.: and 3.25 m. high: area, 18.92/sq.m.: capacity, 61.49/cu.m.: Passage: 1.87 x 1.55 m. and 1.86 m. high: no trace of blocking or original burial due to re-use in Saite-Ptolemaic Times:

In old chamber a limestone coffin of Saite-Ptolemaic Period with head to E:
 In NW corner a subshaft VIII: in the walls six loculi, II-VII several of them with sub shaft: the chamber of subshaft VII is broken into the chamber of G 7240 I.

Later Constructions:

Against the c.b. casing of the mastaba G 7230+7240, on the S stand the small mastabas G 7241, 7243 and G 7450, beginning a field of small mastabas extending southwards.
 Against the casing on the N, stands G 7231 and in front of it G 7232, both nearly destroyed.

In Saite-Ptolemaic period, the Isis Temple appears to have been continued eastwards over the N end of G 7240: a packing of limestone chips appeared to be the foundation of a pavement which formed some sort of approach to the Isis Temple: on both sides of the packed floor were fragments of massive c.b. walls, which appears to form private chapels attached to the Isis Temple and to belong to the Ptolemaic shafts G 7240 I and shaft I is west of shaft J: associated with these shafts is the re-use of shaft G 7230 B: all these shafts had been plundered and replundered down to recent times.

The street E of G 7230+7240 was found badly disturbed in recent times and the debris was very irregular with holes separated by heaps of siftings from sebakhs: in this street was found an unfinished shaft and a lined grave both probably of the Ptolemaic Period.

G 7330+7340: name unknown: intended as twin mastaba but actually finished as two-shaft mastaba: the third from the west of four southern mastabas.

See Figs..... *Printed in volume I a.15*

See Pls.....

Mastaba: core of massive masonry consisting of old core G 7330 of type IV-1 with addition on the S of massive corework of type IV-iii, recess for an interior chapel: no interior N chapel. core, 65.8 x 16.1 m.: area, 1059.38/sq.m.: prop. 1/4.08: ✓ the core was used without any casing whatever.

h. of 7330, 3.85 m.: h. of 7340, 5.7 m.
 Chapel: G 7330+7340: single interior chapel of type (3a) built of mixed c.b. and rubble in recess constructed ab origine in S end of G 7540: exterior mud plastered chapel of two rooms (b and c).
 a) heavily plastered with mud: type (3a) with compound niche at S end of W wall: 3.95 x 1.5 m.: area, 5.92/sq.m.: prop. 1/2.63: ✓ entered by doorway in N end of E wall opening without embrasure in room b: ka-door, outer recess, 0.35 x 0.25 m.: and inner recess, 0.15 x 0.25 m.
 b) c.b. and rubble structure bonded with walls of room a and extending into street: 3.95 x 2.5 m.: area, 9.87/sq.m.; entered by door in E end of N wall: doorway to a in N end of W wall.
 c) mud plastered rubble, 2.1 x 2.65 m.: area, 5.56/sq.m.: entered by doorway in N end of E wall and thus not directly connected with b: but all three rooms are parts of one structure with bonded walls: in NW corner of room c is an intruded shaft, G 7340 Y.

Total area, a, b, c, 21.35 sq.m.

Across the S end of the street, a c.b. wall connects the SE corner of G 7340 with the SW corner of G 7440: 0.7 m. thick: doorway near western end: this indicates that the whole street was reserved for service in the chapel about 10.3 m. north of N face of the exterior chapel of 7340, a small square room, (3.45 x 3.6 m.) area, 12.42 sq.m.: built against W wall of 7430+40: doorway in W wall: thickness of wall, 0.45 m.: probably belongs to mastaba G 7332.

Shafts in G 7330+7340: two shafts A on N and B on S in the old core 7330 as the mastaba in the same row.

Shaft G 7330 A: 2.1 x 2.1 m., -10.98 m. in rock: lined above with massive masonry, 3.8 m., 6 courses.

Chamber type 3 bf, on S: 3.0 x 2.4 m. and 1.9 m. high: area, 7.2 sq.m.: capacity, 13.68 cu.m.:

Passage: 2.7 x 1.05 m. and 1.1 m. high: west wall of chamber in process of enlargement: blocking removed.

Shaft filled with dumped debris containing frags. of Ptolemaic-faience and pottery but low down some older fragments: in the chamber many potsherds of types of Dyn.IV:-

not drawn 34-6-1: alabaster two frags. of each from a different bowl.
 ✓ 34-6-2: black granite: small conical weight(?): d., 1.9cm. h., 1.3cm.

not drawn 34-6-3 to 7: Ptolemaic frags.: faience, bronze, etc.

not drawn 34-6-8: faience: frags. of at least 6 shawwabtis of which one had an incised vertical line on back: mst dy-n-bh(?).

not drawn 34-6-9 to 10: frags. of faience amulets.

not drawn 34-6-11: mud: four frags of jar stoppers, without seal impression.

✓ 34-6-12: flint: round ended razor blade with worked ends: l., 11.4 cm.: w., 3.25cm.: th., 0.9 cm.

✓ 34-6-13: flint: flake, pointed ends: l., 8.9 cm.: w., 1.35cm th., 0.4 cm.

✓ 34-6-14: alabaster: complete bowl in three pieces: d., 25.6 cm.: h., 7.0 cm.: rounded bottom with plain rim. *Vol I, p. 45*

✓ 34-6-15: flint: round ended razor blade: l., 10.2 cm. *45d.*
 w., 2.3 cm.: th., 0.9 cm. *beads*

✓ 34-6-16: pottery: barrel shape: l., 3.9 cm.: d., 1.6 cm.

✓ 34-6-17: pottery: potsherds which were set together to form 21 pottery vessels as follows:

7 large wine jars of type A-II b: WSR ware. *Vol II, Fig. 80*

1 bag shaped jar of type A-LI a: RBRW. *Vol II Fig. 79*

1 two handled oil jar of type B-LIV, special ware. *Vol II Fig. 79*

1 neckless shoulder jar, type B-LV: RBRW. *Fig 79*

4 bent sided round bottomed bowls of type XXX b. *79 53d*

3 round bottomed bowls with recurved rim: RP: type XXXII

2 large basins with roll rim and short tubular spout, *79 XXXV 1/2 79*

1 bowl with flat base, high recurved rim and long

tubular spout: type D-XXXVI: RP. *79*

1 model basin: type LXXIX a: RW. *79*

See chapter XI, p.....

Shaft G 7330 B: altered in Ptolemaic Period: 2.05 x 2.1 m., -10.54 m. in rock: lined with massive masonry above, 4.9 m., 8 courses

Chamber type 3 bf, on S: 4.3 x 3.6 m. and 3.4 m. high: area, 15.48 sq.m.: capacity, 52.53 cu.m.:

Passage: 3.0 x 1.3 m. and 1.15 m. high:

Canopic pit in SE corner, 0.65 x 0.65 m. and 0.55 m. deep: no remains of burial or equipment due to reuse in Ptolemaic times:

In the walls of the main chamber, 11 loculi had been cut and used:

In the lower part of the shaft, open eight loculi or passages to larger chambers:

The shaft was filled with mixed disturbed debris dumped in recently: this debris ran into the main chamber and the opening in the shaft: in shaft many fragments of ~~xxx~~

34- 6-16 Bead
of Bent
Clay.

Pl. 48 d

Pl. 48 b x

shawabtis, dummy limestone canopic jars, etc.: from the main chamber came other frags. of shawabtis and potsherds of the Ptolemaic Period, but all burials had been broken up and plundered.

See Frank's
note on
original
text.

✓ 27-1-340



limestone

Later Constructions:

In the street E of the mastaba stand three small mastabas, G 7341 south of the exterior chapel, and G 7331-7332 near the junction of G 7330 and G 7340.

The avenue on S, between G 7340 and G 7330 had no structures. North of G 7330 and west of the exterior c.b. chapel of G 7320, rooms g and h, stands the small mastaba G 7333 (originally numbered G 7322).

Note: Reisner remarks that G 7333 was originally numbered G 7322.

In the street 1.5 m. north of the exterior chapel is a large shaft numbered G 7340 X: excavated in the rock floor of the street close beside the mastaba face, with its chamber cut in the rock under the mastabas.

Shaft G 7340 X: 2.1 x 2.15 m., -4.75 m. in rock: unlined above: passage cut in rock to W, 2.0 m.: in the western part is excavated a lower shaft, 1.5 x 1.45 m., which descends through roof of chamber in NE corner, -8.1 m. below rock surface:

Chamber type 4 a(2) (abnormal) on W: 3.75 x 3.25 m. and 1.5 m. high: area, 12.18 sq.m.: capacity, 18.27 cu.m.:

blocking at bottom of upper shaft, of type V b(3):

Along the W side of chamber a panelled coffin (type e(p) of fine white limestone, with painted palace facade panelling: 2.1 x 0.975 m.: and 0.825 m. high: inside, 1.725 x 0.615 m. and 0.6 m. deep: krst-lid with panther skin in sunk relief on top, with two handles on each end. Cairo.

Canopic recess in E end of S wall, 0.5 x 0.65 m. and 0.8 m. high (without rebated edge): plundered:

floor debris deposited by rain water and embedded in it frags. from the original equipment: a few broken bones (some in coffin and the rest in water deposited debris:

not drawn 27-3-541: RW frags. of two offering jars (type A-IV).

27-3-542: copper: frag. of corroded saucer: 9.8 cm. in diameter and 3.0 cm. high.

27-3-543; 573: fragments of gold leaf, probably from mummy.

27-3-544, 545, 574: frags. of human bones, including frag. of skull.

On top of mastaba, found in the mixed surface debris frags. of O.K stone statues and vessels and an abundance of faience frags. of the Ptolemaic Period including some pieces of inscribed limestone (perhaps from the Isis Temple).

In the street east of G 7330 near the N end, a large intrusive shaft, G 7330 X: descends by masonry lined shaft from top of the mastabas into rock with a large chamber with six loculi: Ptolemaic period: with frags of shawabtis, amulets and potsherds of that period.

In the street south of G 7330 X, two small built shafts stand against the W face of G 7430: G 7330 Y and Z: also of Ptolemaic Period.

In room c of the exterior chapel of G 7340, was a built shaft and chamber, G 7340 Y: also of the Ptolemaic Period.

G 7430+7440: Prince Minkhaf and his wife: intended as twin mastaba but finished as two-shaft mastaba: the fourth from the west of the four southern mastabas.

See Figs..... *Printed in Volume I G.F.*

See Pls.....

Mastaba

Owner: Min-khaf, s; nswt n ht-f, rpct h;ty-c, t;tyt s; b t;ty, hr 5
 pr Dhwt, imy-r; k;t nbt nswt, s;w nhn, r; P nb, smr wcty,
 hry hb, hry tp.

Mastaba: core of massive masonry consisting of old core G 7430 of type IV-1, with addition on the south of massive corework of type IV-iii, with recess for an interior chapel: the recess was walled off by the white casing and unused: in G 7430 a hole was broken and an interior chapel ~~xxxx~~ constructed.
 core 65.0 x 15.5 m.: area, 1007.5/sq.m.: prop.1/4.19: the core was cased with white limestone (x-masonry, but not the massive masonry of the five twin mastabas): casing, 68.2 x 18.3 m. : area, 1248.06/sq.m.: prop.1/3.78:¹²
 Enclosing walls: close against the S wall of the mastaba, a thin c.b. wall was preserved for the greater part of the width of the mastaba: at the NE corner of the mastaba, a thick c.b. wall on rock extended from the N wall of the exterior stone chapel, replaced after a few meters by a rubble wall of the same thickness: this rubble wall ran to the NE corner and turned westwards to reach the face of room i of the exterior c.b. chapel of G 7420: this wall formed the S side of the small mastabas G 7431 and G 7432.

h. of 7430, 4.7 m.: h. of 7440, 5.95 m.
 Mason's Marks and Quarry Marks:-

Found six casing stones with red quarry marks, two on W, two on E, one on S and one on N.
 three bore the same mark but all unintelligible: on core red levelling lines.

Chapels G 7430+7440: one interior chapel of type (3a) bonded with casing but constructed in hole broken in S end of G 7430: four exterior rooms of stone and two of c.b.:
 Subsidiary N niche in casing: recess for southern chapel in 7440 closed and filled with stone, with subsidiary S niche in casing: around this an exterior chapel of u-masonry of type (5c).

Chapel G 7430: north chapel: interior chapel of type (3a) with compound niche in S end of W wall:

a) 4.25 x 1.35 m.: area, 5.73/sq.m.: prop.1/3.15: with compound niche in W wall, outer recess, 1.0 x 0.3 m. and inner recess, 0.35 x 0.25 m.: opposite the niche 3.60 m. from the floor is a window 60 cm. width. entered by doorway in N end of east wall: opening in embrasure in casing, 1.3 m. long and 0.35 m. deep.

Exterior stone chapel of four rooms:

b) N-S room around doorway embrasure to room a: roof had been supported by two pillars: walls and pillars of num. lst.: 7.75 x 2.15 m.: area 16.66/sq.m.: doorway to E in N end of E wall, afterwards blocked up with masonry: doorway probably cut later in E end of N wall giving access to room c: doorway to room a in ~~W~~/wall near N end.

L W

- c) small room N of b and leading to d: addition built against the face of room b on the east and against casing on W: 1.85 x 2.35 m.: area, 4.34/sq.m.: doorway to b in S wall: doorway to d in N wall.
- d) long N-S statue room north of c: 8.1 x 1.6 m.: area, 12.96/sq.m.: On the W side of the room a wall of white limestone is built against the sloping casing.: In this wall are four recesses for standing(?) statues and the vertical planes of the separating pilasters are inscribed with titles and name of Minkhaf: the final entrance to the whole/chapel was in the S end of the E wall of this room d: doorway to c in S wall: the E wall from the doorway to e to the NE corner of room d has like the adjacent casing of G 7510, been destroyed to rock.
- e) ca. 3.3 x 1.7 m.: area, 5.61/sq.m.: stone vestibule room around the main entrance, that to d: the north wall is destroyed and the N-S length of the room is estimated: the doorway to d is in the N end of the W wall and the doorway to the exterior c.b. chapel is in the S end of the W wall: running W under the NE corner is a drainage tunnel.

/stone

The original main entrance to room b from the east gave access to the whole stone chapel from the street and avenue around the NW corner of the massive core G 7520: probably at that time the chapel consisted of rooms a and b, only: when the northern rooms c and d were constructed this original doorway was blocked with masonry and the second main entrance through the vestibule e to room d was made: this second doorway gave access from the avenue between G 7510 on the north and G 7520 on the south: thus the entrance was shifted northwards and gave more convenient access: on the E of room e an exterior c.b. chapel was constructed filling the avenue to the east room e, and this was built on a layer of 1st. debris (mason's debris).

Exterior c.b. chapel of two rooms:-

- f) long E-W wall or more probably open court, built against the E face of the stone room e: 3.65 x 5.4 m.: area, 19.71/sq.m.: floor, 0.23 m. above or below floor of room e: doorway to room e in S end of E wall: doorway to room g in N end of E wall: doorway with ~~three stone steps~~ descending to floor of room g: total..... m. from floor of room f to floor of room g.

- g) small N-S vestibule east of f: walls destroyed on S and at SE corner: ca. 3.65 x 1.45 m.: area, 5.29/sq.m. doorway apparently from E in S end of E wall.

Total floor areas:

room a, 5.73 sq.m.:
 Stone rooms, b-e, exterior rooms, 39.57 sq.m.:
 Total stone rooms, interior and exterior, a-e, 45.3 sqm
 Total of exterior c.b. rooms f and g, 25.0 sq.m.
 Sum total of chapel, rooms a-g, 70.3 sq.m.

Subsidiary N niche to interior chapel near N end of mastaba in casing: 0.9 x 0.2 m. in outer recess: inner recess, 0.4 x 0.25 m. cut in casing, broken away above.

Subsidiary S niche: the chapel recess was blocked by the casing and in the casing was a subsidiary S niche: around this, was constructed an exterior chapel of u-masonry: this chapel of type (5c) had a deep recess at the S end in the W end of which the subsidiary N niche was exposed: but the chapel was itself in a mastaba constructed south of the exterior stone room b of the northern chapel.

Note: Floor g is higher than present floor f. The ramp between them must have led up to same high construction now lost in E. end of room f.

↳ short ramp (Alec Mar 1940)

Exterior Southern Chapel:

The southern end of the street between the northern chapel and southwards appears to have been closed by a c.b. wall (0.9 m. thick), probably with doorway in E end: the space between this wall and the Northern chapel was occupied by various structures of u-masonry and rubble: here was built first chapel of u-masonry the lines of which were continued northwards, and south of it another offering room of rubble:-

- a) The structure containing the offering room in which the subsidiary S niche was exposed was a filled mastaba (G 7441) with retaining walls of u-masonry and 27.9 x 4.6 m.: with an area of 128.34 sq.m.: in the southern part is a long corridor with deep recess in S end of its W wall in the W end of which the subsidiary S niche was exposed: 9.2 x 1.5 m.: area, 13.8 sq.m.: prop.1/6.13: the niche recess measures 1.45 x 1.55 m. with area of 2.24 sq.m.: total floor area, 16.04 sq.m. entered by doorway in middle of E wall, opening embrasure in E face of mastaba: the room was probably roofed but the walls probably did not reach to the top of the subsidiary S niche, but the deep recess may not have been roofed at its W end (cf. 6020 chapel):

In the body of the mastaba N of the chapel a trench was constructed for burial shafts, but only two shafts were made G 7440 Y, immediately north of room a and G 7430 W several meters north of G 7440 Y: both these contained burial datable to late Dyn.IV.
Mastaba type VIII c(1).
Chapel type (5c).

- b) Against the S face of the mastaba containing chapel room a, was constructed a small mud plastered rubble mastaba, (G 7442) containing an offering room b and a burial shaft (G 7440 Z): 7.0 x 3.75 m.: area, 26.25 sq.m.: prop.1/1.86: with interior offering room (no niche): 3.15 x 1.55 m.: area, 4.88 sq.m.: prop.1/2.03 : entered by doorway in N end of E wall opening without embrasure in E face of mastaba. In NW corner of mastaba is the shaft G 7440 Z with intact chamber containing num. 3st. coffin with hrst-lid: two canopic jars, 81 alab. models, 1st.headrest and bead ornaments on the body: late Dyn.IV. Along the face of the mastaba a wall of u-masonry had been constructed but only one course was left in place. Mastaba type VII d+c: chapel type (4b?).

T? GAK

Decoration of Northern Chapel and the Two Subsidiary Niches:

Northern chapel, interior room a:

W wall, ka-door: architrave weathered, apparently not inscribed: Tablet, badly weathered, man in usual attitude seated at table of bread, facing to right: table obliterated: horizontal line across top, illegible: (iry) p(cty)..... with name Mnw-hc-f in front of face: remains of short list under this, partly above the bread and partly on its right: under the table on the left, ideographic list n mnht 1000, bull's head and five birds heads.

Cross-bar: iry pcty pcty-c s; nswt n ht-f shm (chc)
.....Mnw-hc-f.

Drum: iry pcty Mnw-hc-f.

Wall areas not inscribed or decorated.

Exterior room b: architrave over doorway from b to a is inscribed on left probably figure of man seated at table of bread but only edge of table preserved: on the right is written vertically, dy nswt htp Inpw htp to the left of this the inscription is divided into two horizontal lines,

(1) nb t; dsr hnt sh ntr krs m hryt-ntr smyt imntyt nfr i;w
hr ntr c; nb im;h hr ht-f s; nswt n ht-f iry pcty
hry pcty

Should be
relect
?

See photo
in Pl. 49

(2) pr n-f prt-r-hrw m wp rnpt Dhwtj tp rnpt W!g hb wr
the first of the month and the first of half month,
hcty-c iry Nhn r P-nb smr Mnnw-hc-f.

Drum of same doorway, iry pcty hcty-c s; nswt n ht-f smr Mnnw-hc-f
The walls are badly weathered and show no evidence of decoration
except on the E face of the northern pillar: a vertical line
of inscription, pr Dhwtj imy-r; k!t nbt nswt.....

Exterior room c: uninscribed and undecorated.
Exterior room d, statue-room:

On the doorway from d to c on the northern edge of the
western jamb, vertical line with signs facing to right:
..... sh m chc Mnw-hc-f.

The pilasters separating the statue-niches in the W wall
were inscribed vertically with titles and names.

(1) pilaster on S, broken away; (2) signs facing to
right, Mnw-hc-f; (3) signs facing to left,
..... s; nswt n ht-f Mnw-hc-f.

part of the N wall and all the E wall to the entrance
from the E are destroyed: built like the W wall of
white limestone(?): in the debris nearby was found 17
fragments of reliefs which may have come from the E wall.

1) 25-1-721: w.lst.: frag. showing feet of large female
figure, facing to left: probably wife standing
behind her husband:

✓ 2) 25-1-730: w.lst.: small frag. with large signs facing
to right: m!....., with raised vertical
line on left and probably on right: probably from
in front of a large figure facing to right: possibly
~~along~~ the wall had man and wife at S end ~~and~~ man
at N end ~~facing each other.~~

✓ 3) 25-1-724: w.lst.: frag.: rectangular stand with two
stone vessels on lower shaft: to the left foot of
man facing to right.

✓ 4) 25-1-727: w.lst.: part of two registers (1) feet of
man in long skirt standing facing to right:
(2) head of a scribe with two pens behind his ear.

✓ 5) 25-1-735: hands of scribe writing on roll or tablet.

✓ 6) 25-1-731: knee and hand of squatting man (scribe?).

✓ 7) 25-1-736: small frag. with word hm-k!.

✓ 8) 25-1-734: frag.: man standing facing to left with
small animal (gazelle or calf) carried around the
back of his neck.

✓ 9) 25-1-729: frag. showing lower half of a man kneeling
on one knee in attitude of huntsman: facing to
left: naked except for lion-cloth: left hand hanging
behind him grasping the coiled end of a leash(?)
(perhaps attached to collar on neck of dog standing
behind huntsman).

✓ 10) 25-1-732: small frag. with the name of an estate(?)
and the foot of a small figure facing to right.

✓ 11) 25-1-725: small frag. with word wcb facing to left.

12-17) 25-1-722, 723, 726, 728, 733, 737: seven small
frags. with uninterpretable signs or parts of figures

Decoration of Subsidiary N Niche:

Architrave: six fragments of white limestone fitted together to
form an architrave about 3.0 m. long: two horizontal lines
with ~~seated~~ standing figure on left end:

(1) dy nswt inpw htp nb t; dsr hnt sh ntr krs m hryt ntr smyt
imntyt i;w nfr hr ntr c; h!ty-c s; nswt ~~xxxxxx~~ smw
(2) iry pcty ~~xxxx~~ s; b t; ty .. hny tp smw wcty. ~~(under xxxxxxxx)~~
hry sst; n nswt m iswt(?)..... Mnw-hc-f).

~~xxxxxx~~

See Pl. 48 for
fragments drawn(?)

(See drawing)

removed to
7410 + 7420

facing each other

(See drawing)

Smw m
wide block attached
on end of raised drawing
/t;ity

The Tablet, crossbar, and drum are missing: the niche panels below are broken away to near the bottom of the decoration:

On each panel of the outer recess is the end of a vertical line with signs facing in (to right on S and to left on N): On S,crk r p: and on N, a number and r p.

On the facade beside the niche, vertical lines on each side: signs facing in: on each sideMnw-hc-f.

These are part of a dating inscription like that of Weremoseh in my notebook

Decoration of Subsidiary S Niche:

Architrave: frag. showing the right ends of two lines of horizontal inscription with signs facing to right: (1) dy nswt Inpw htp hnt sh ntr krs m smyt (2) lry-pty h;ty-c s; b t;ty nswt (s) 1/2 Smith opp. cit. Pl. 46 a.

Htsty

Tablet: raised rectangular scene with preceding side flanges: reconstructed from frags. which form only a minor part of whole: the table scene is represented by the head of a man in relief facing to right in front an incised illegible sign and on the right was an incised e with two vertical strokes below: above was an incised line of titles and names; Mnw-hc-f.

Suggest providing

that 25-1-826 with

Nothing remains of the left hand flange but a frag. with incised signs facing to right, plural sign. The right hand flange: shows head in relief of figure facing to left, above the head from left to right, s;-f h;ty-c smr shm chc and in front of face Rc-k;w.

hc..... hry d; d; [mnw] hcg and seated figure with staff comes from here.

also frag with nswt and gwg with s m smyt

On two panels, the back of the outer recess: on each side, a standing figure in relief facing in with incised inscription on S, man in full wig, chin beard, collar and hry nb sash: knee length skirt, crossed by diagonal pleating: staff held vertically in left hand and a papyrus roll in right: hry hb hry d;d; Mnw-hc-f.

On N side, smaller figure (a boy?), bare head, collar and pleated skirt: standing facing left with staff in right hand and roll in left:lry Nhr smr wcty Rc-k;w.

Shafts of G 7430+7440: two shafts in old core 7430: as in other three southern mastaba: A on N and B on S.

[10.26 is crossed out] 12.56m.

Shaft G 7430 A: burial place of Prince Minkhaf: 2.1 x 2.1 m.: contracting to 1.7 x 1.88 m. at bottom.: -10.26 m. in rock: lined above with massive masonry, 4.44 m., courses. two chambers: ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~

Main Chamber: type 3 amx, on S: 4.8 x 5.16 m.: and 3.8 m. high: area, 24.7 sq.m.: capacity, 93.8 cu.m.: floor slopes gently from N to S:

Passage: 2.8 x 1.64 m., main height at chamber, 1.84 m.: the floor is level but the roof slopes with the edge on the shaft side cut away to facilitate the entrance of the coffin: blocking not found by us (excavated by the Service des antiquites): turning recess in N wall of shaft, 1.58 m. wide and 1.6 m. deep and 1.74 m. high with horizontal roof.

Coffin Chamber: S of main chamber: 4.0 x 4.28 m.: and 2.72 m. area, 17.12 sq.m.: capacity, 46.56 cu.m.: entered by passage which opens in S wall of main room in the eastern half and enters the coffin room with the E wall: at floor level: 1.7 x 1.4 m. and 1.6 m. high (chamber much higher): in this chamber was found the red granite sarcophagus of Prince Minkhaf, set in a coffin pit along the W side: 2.08 x 1.11 m. and 0.805 m. high (height 0.885 m. including krst lid): for description of decoration of coffin see W.S. Smith, J.E.A., Vol. XIX, Nov. 1933, p. 150ff: coffin pit, 3.36 x 1.32 m. and 0.72 m. in N wall, a recess to receive the lid before the burial, 2.4 x 0.36 m.:

2 flukes L (type e(p))

h deep

Canopic pit in SE corner, 0.7 x 0.7 m. and 0.66 m. deep, without rebate for lid.

Total floor area of two rooms, 71.82 sq.m.: ?
 Total capacity 140.36 cu.m. ?

Shaft G 7430 B: wife's shaft: 2.0 x 1.95 m.-13.61 m. in rock: lined above with massive masonry, 2.27 m., ..6. courses: designed for two chambers but coffin chamber left unfinished: ~~main~~ Main Chamber: type 4 a(1), on S: lined chamber with lining ~~unfinished~~ unfinished: rock chamber, 4.15 x 4.6 m. and 3.35 m. high: area, 19.09 sq.m.: capacity, 63.9 cu.m.: ~~lined~~ lined chamber, 3.35 x 4.05 m. and 3.35 m. high with unpaved floor: area, 13.56 sq.m.: capacity, 45.42 cu.m. lining two or three courses only:
 Passage: 1.75 x 1.45 m. (narrowest) and 3.15 m. with roof level with roof of chamber and with low step between floor and floor of chamber (0.2 m.);
 Blocking: remains of interior filled type II b:
 In chamber coffin pit, 2.35 x 1.0 m.: and 0.86 m. deep:
 Canopic recess in E end of S wall east of passage cut in rock at 1.85 m. above the floor of the main room:
 above the lining: 0.6 m. wide, 0.5 m. deep and 0.7 m. high, with rebate for lid.
 Unfinished coffin room: a passage opens in S wall of main ~~room~~ room, east of middle: 2.1 x 1.15 m. and 2.05 m. high, at floor level of main chamber: the room itself unfinished had part of the E and N walls cut and excavation was proceeding at several levels: the unfinished cutting measured about 1.95 x 2.8 m. and max. height of 2.5 m.: obviously unused.

The shaft was filled with dumped debris with many fragments of the Ptolemaic Period (faience etc.): the same sort of debris had run into the chamber in which was found a few blocks from the lining: near the floor was found: 27-2-219: alabaster; model basin; d., 4.5cm.: h., 1.3 cm. d.base, 1.9 cm.: may have been intrusive:
~~chamber~~ chamber appeared to have been cleared out in modern times but was not reused in Ptolemaic Period.
 In the E wall of the shaft was an unfinished cutting of indeterminate date.

Are these drawn ?

Pitc.

27-2-217
 27-2-219
 25-2-174

? model ~~item~~ vessels. See Chapter on stone vessels.
 p. 270

Later Constructions:

In front of the mastaba between the exterior stone chapel and the southern side of the subsidiary S niche was constructed a long mastaba with a chapel in which the only offering niche was the subsidiary S niche itself: see above the southern chapel of 7440. South of the mastaba just mentioned was built another small mastaba with an offering room and one shaft: see southern chapel, above. North of G 7430+40, between it and G 7420, in the eastern end of avenue 2, stand two small mastabas of Dyn.VI, G 7431 on the west and G 7432 on the east. Adjoining G 7432 on the south in street 7400 E of G 7430, the angle of the old enclosing wall had been converted into a small mastaba with one burial shaft (G 7433 *A).
 In the Saitic-Ptolemaic Period: two c.b. structures were built on top of mastaba, one at NE corner extending into avenue 2 and the other south of it: these appeared not to be directly connected with ~~shaft~~ shafts.
 In the NW corner of the unused chapel recess of G 7440, a shaft, G 7440 X was made in the Ptolemaic Period: the other shafts, ~~G 7440 X~~ ~~made in the Ptolemaic~~ lettered as X shafts, G 7430 W, G 7440 Y and Z were in the mastabas of the southern chapel and were of late Dyn.IV or early Dyn.V: shaft G 7430 X cut in floor of room a of the northern chapel was a Saitic-Ptolemaic shaft with numerous loculi and chambers.

Construction of the five massive cores and mastaba G 7050.

After the construction of the eight twin mastaba, five massive cores were added east and south of the twin mastabas and a mastaba (G 7050) was added south of the small pyramid G I-c. The finished mastabas enclosing these cores are now given in chronological or approximately chronological order.

G 7510: Prince Ankh-haf and his wife Princess Hetep-heres: the greatest mastaba in the Eastern Field, built on rock east of G 7410+7420 and the northern part of G 7430+7440.

See Figs.....

See Pls.....

Owner: Ankh-haf: s' nswt n ht-f smsw , rp't, h'ty-', tayty
s'b t'ty, sq'wty b'w, smsw is.t, imy r' wsht, imy r'
[k'] (ot nbt (and [imy r'] k't nt nswt), hry-hb, [hry]
d'd', [hrp] i'wt [nbt], s'w nbn, wr dyw pr Dhwt, hrp
mrwt sm'w [mhw], smr w'ty, hry d'd' nbb, mdw Hp, hm ntr
b', 'mpt, 'Dw'w, inpw (priest of Anubis)

Mastaba: core of massive masonry of type IV-iii, with recess for southern chapel: most of the large blocks are of yellow nummulitic limestone: the interior is not solid but contained a number of large blocks: core, 97.70 x ..49.0 m.: area, ..4787.3 sq.m.: prop.1/.199 cased with fine white sloping casing (x-masonry) with interior chapel of type (4a) of fine white limestone bonded with casing: with subsidiary N niche remove by stripping of casing: casing, 100.20 x ..51.40 m.: area, sq.m.: prop.1/.195 ..: height of mastaba as preserved, ..8.10 m.

The back (west) wall of the mastaba covered a descent in the rock at S end of G 7420: at the N end of the mastaba is the southern edge of the old-quarry scrap and the two mastabas G 7810 and G 7820 are built on a lower level: the casing is nearly destroyed to its foundation on the E face.

Masons' and Quarry Marks:-

Chapel: interior white limestone chapel with two niches in W wall, type (4a) with serdab behind southern or chief niche: with ~~serdab~~ exterior chapel of six rooms (b-g):

a) 7.6 x 1.7 m.: area, 12.92 sq.m.: prop.1/4.47: the chief southern niche, measures, outer recess 1.05 x 0.4 m. and inner recess 0.35 x 0.35 m.: the northern niche is shallow, being cut in the lining of the room, outer recess, 0.65 x 0.1 m. and inner recess, 0.2 x 0.1 m.: with serdab behind southern niche: doorway in N end of E wall, opening in embrasure in casing 4.35 m. long and 0.65 m. deep: in the embrasure on the S side is a limestone ring (footing of a wooden column?) hollow ~~was~~ ^{with} two stone blocks at the bottom of the ~~recess~~ hole (on which the wooden column(?) rested: on the other side the pavement has broken up but probably had also born a similar emplacement: the embrasure was paved with stone extending to the W wall of the c.b. chapel.

For Plan & Section
of Tomb, See:
Giza Necropolis, I
p. 46, Fig. 8.
mast

b) the embrasure room formed after the construction of rooms c-g: the ends were formed on N and S by two thick c.b. walls of which the southern contained a doorway: the W side was formed by the sloping face of the embrasure and casing: the E face of the room by the outside of the exterior rooms c-g: 6.6 x 2.15 m. (including embrasure): area, 14.19 sq.m.: south of the doorway in the S wall, a long N-S passage led out to the SW corner of the exterior c.b. chapel, 7.35 m. long and 1.3 m. wide(E-W): this passage appears to have been that chiefly used in the later period of the chapel service: in the floor towards the S began a drainage tunnel which beyond the chapel curved around to discharge eastwards.

The rest of the exterior chapel was built as one block of five rooms all bonded together: this block was separated by a space about 1.35 m. from the foot of the sloping casing of the mastaba.

c) large E-W hall in front of doorway to room a but not symmetrically placed with reference to it: measured, 6.25 x 7.9 m.: area, 49.37 sq.m.: with wide plain doorway in W wall giving access to room a, 3.15 m. wide(N-S) not in the middle of the wall (1.3 m. from N wall and 1.85 m. from the S wall: down the middle of room ran the bases of an E-W row of four columns of which the fourth stood in the wide doorway in the W wall: these columns stood a little N of the E-W axis of the hall (2.85 m. from the N wall and 3.35 m. from the S wall: the basis consisted of a stone footing ring (in two half circles) hollow inside and, apparently, the wooden column was sunk in the hole which descended 40-60 cm. in the floor: the stone pavement of the embrasure and room b continued into the doorway in the W wall of room c but the rest of the room had a mud floor laid on a packing of limestone rubbish: I conclude that room c was originally an open court and that later, was roofed with wood supported by wooden columns: the room was entered from room g (vestibule) by a doorway in the E end of the S wall (with wooden door inside room g). along the N side of the hall or court, opposite the first three columns from the E and close to them ran a thin c.b. wall, one brick high, with projecting bricks at intervals: the purpose of this c.b. wall remained unexplained.

d) The westernmost of the four rooms south of hall c:
 N-S room, 5.2 x 1.55 m.: area, 8.06 sq.m.: entered by doorway from e, set in the N end of the E wall: with wooden door on inside: the western wall is built over the stone pavement in front of the interior chapel: the room was filled with packed debris of decay and in this was found the bust of Prince Ankh-haf: against the W wall near the N end, is built a plastered c.b. pedestal or offering platform, 0.82 x 0.55 m. and 0.55 m. high: on the north side of this pedestal the structure was extended to the N wall(?) by a low platform of the same width: it is suggested that the bust of Ankh-haf was standing on the higher pedestal facing to east and that the low platform was an offering platform: under the bust were found 94 models of plaster: in same room also pottery and models:
 25-3-241: painted white limestone: portrait bust of Prince Ankh-haf: h., 52 cm.: width of base, 31 cm.: w.shoulder, 46 cm.: thickness of base, 24 cm.:
 25-2-408: 2 frags. rim of flat pottery dish.
 25-2-409 to 494: small plaster models:
 69 model basins, flat bottomed, 1.3-1.6 cm.: diam., 2.2-3.2 cm.: six were painted black inside and ten others showed traces of black paint:
 8 rudely made jars with splay foot (several ~~obviously~~ obviously neckless shoulder jars:
 14 models of food offerings mostly conical loaves of bread, but including several cakes and

- ✓ models of fruit.
- ✓ 25-2-1230: coarse RW: oval tray with flat bottom and roll rim type F-XXVI a: h., 8 cm.: width, 39.6 x 37.6 cm.: d.base, 32 cm.
- ✓ 25-2-1232: mud ware: "flower pot": type F-XXV h., 16.4 cm.: d.top, 21.0 cm.: d.base, 11.2 cm.:
- ✓ 25-2-1232: mud ware: bottom of another "flower pot" of type XXV: d.base, ca.18 cm.
- ✓ 25-2-1233: base of bowl stand of RW (red wash): diam.roll rim on base, 28.0 cm.
- ✓ 25-2-1234: RBrW: model saucer: two examples: h., 2.0 cm. d., 9.2 cm.: d.base, 4.4 cm.
- ✓ 25-2-1235: RBrW: 2 model basins: h., 3.2 cm.: d., 8 cm.: d.base, 4.4 cm.
- ✓ 25-2-1236: RBrW: 3 model basins: h., 4.0 cm.: d., 10 cm.: d.base, 4.4 cm.
- ✓ 25-2-1237: RW: one model jar, degenerate neckless shoulder jar with splay foot: type XLIX a: h., 6 cm.: d.top, 4.4 cm.: d.shoulder, 4.4 cm.: d.min., 2.8 cm.: d.splay foot, 4.4 cm.

e) Wider N-S room east of room d: 5.2 x 2.6 m.: area, 13.52 sq.m.: in the SW corner the room had been penetrated by a Ptolemaic intruded shaft numbered G 7510 N: the room has three doorways (1) to room d in N end of W wall ~~xxxxxxx wall of the body~~ (door in d): (2) doorway to vestibule room g in N end of E wall with door in room e: (3) doorway to room f in S end of E wall (no door indicated);

f) Small room partly destroyed, east of S end of room e: 1.55 x 1.77 m.: area, 2.74 sq.m.: entered from e by doorway in S end of W wall: on the south wall of the badly denuded room appears to be a pilaster and this would indicate some alteration in the plan of the chapel.

g) vestibule room east of north half of room e, north of f and south of E end of room c: 2.7 x 1.85 m.: area, 4.99 sq.m.: with three doorways: (1) main entrance to chapel from east in south end of E wall (door on inside), opening in embrasure in facade: (2) doorway to hall or court c, in E end of N wall destroyed by the intrusion of late shaft G 7511 A and place of door not determinable (probably under room g): (3) doorway to room e in N end of W wall with door in room e.

Floor area of the rooms of the chapels:
 Area room a, 12.92 sq.m.
 area room b, 14.19 sq.m.
 Total area, c-g, 78.68 sq.m.
 Total area, b-g, 92.87 sq.m.
 Sum Total rooms a-g, 105.79 sq.m.

The exterior room were filled with decay of the c.b. walls mixed with sand: over the surface of decay was deposited a layer of thieves debris littered with Ptolemaic Objects and fragments (faience, pottery, etc.).

✓ An alabaster offering basin smashed in fragments and incomplete, was found in the lower debris in the passage south of room b:
 25-2-382: frags. set together as far as possible; measured, 46 x 36 cm.: inscribed with titles in finely incised hieroglyphics, facing to right, on two sides and probably above and below. On right hand margin, vertically:
 Nhn wr dw pr Dhwtj smr mrt smw. [mhw].....
 on left margin, ~~sp. of 234-382, b t; ty is wr imy-r; wshty~~
 imy-r; (k!) t; nb (h) ry hb (hry) d; d; [cwt(?)]
 two unattached frags give (a) e h; (ty e) to be read ~~liry p)cty h; ty e~~, probably from the beginning of one (B) Hnd, probably part of a title of a priest of rham, perhaps from upper part of right margin.
 See Pls.... (c) ... wr ... , from left margin

Hs3w
 M smw isit
 M [hwp] [cwt] [mwt]
 4-3 (?)
 Hmmt 63 smpt

Decoration of room a of Chapel G 7510:-

Interior chapel of type (4a) of white limestone, with the upper parts of all walls badly broken.

W Wall: built of single large slab north of S niche.

W Wall: southern ka-door:

Architrave: fragments found in chapel: single line of signs in relief facing to right, ^[sh mta] ~~Maht [dy htp] Impw. fnt [t] d sa...~~
..... ~~krš m imntyt m nb imh hr ntr (c) r p 3~~ ~~Pa (mswt)~~
~~n ht-f smšw... Impw. ...~~
Smith Opp.cit. Pl.40a.

Tablet: without fanges: frag. shows part of chair facing to right and behind it vertically(s; nšwt) n ht-f smšwh;-f.....
Detail Smith op.cit. Pl.40c, e.

Two fragments

Crossbar: ~~not~~ preserved: ~~wr [dy w] pr dhty~~ ^{wt} ~~Impw~~
~~3 dwjw~~

Drum: Smith Pl.40d. (r) p 3 mb-hs-f

Niche panels: Destroyed

replace with attached sheet

W wall: northern ka-door:

Architrave: the S end of the architrave was found attached to a large block fallen from the wall and bore the name Htp-hrš; two other frags. with large horizontal inscriptions (signs facing to right) with border line above but neither to be placed: (1) part of the name of Hetep-heres: (2) signs facing to left written verticallyf smšwt (determined by woman with staff) ntr htp

The rest of the architrave is in position but surface destroyed

Secure don't go together here.

Tablet: lower part preserved: chair and feet of woman facing to right at a table of bread(?); to the right of the table is the lower part of a "cupboard list", with two registers of stone vessels on the left and two registers of granaries on the right: surface under the table, weathered away.

Crossbar: horizontal line with signs facing to right: s;-t nšwt nt ht-f smšwt mr(yt)-f Htp-hr-š.

Drum: Htp-hr-š.

The rest of the ka-door bears no inscriptions if it was ever decorated.

restored from fragment in drawing, fig....

W Wall, between the two ka-doors: at the N end a large figure of Ankh-haf, leaning on his staff, facing to left, without wig and wearing a long skirt: behind him is a small naked boy labelled s; s;-t-f Cnh-t-f.

To the left of the large figures were ^{probably 4} 3-5(?) registers of small figures facing to right: now preserved in fragments of varying sizes: one fragment ~~probably~~ from the upper part of the wall shows the ends of three vertical lines of titles/ ^{titles} ~~probably~~ from above the head of Ankh-haf. This fragment has ^{on the right} the beginning of a register beginning with ^{two} scribe standing facing to right reading from a tablet: other fragments show scribes and men in respectful attitudes, cows, men bringing birds and haunches of meat: thus the scene is obviously a presentation scene similar to that in Khufw-haf between the two niches: at the top was a register of estates of which (definite evidence was preserved on a number of fragments: the line of estates at the top of the wall continued over the architrave of the southern ka-door.

- 1) smšwt d d 3wtg bity
- 2) ky hr
- 3)
- 4) smr wty

followed by two other men. From

(insert)

W wall: northern Ka-door:

Architrave: the S end of the architrave was found attached to a large block fallen from the wall and bore the name ~~xxxxxxxxxxxx~~ Htp-hrs. The rest of the architrave is in position above the false-door, but the surface is destroyed.

Tablet: lower part preserved on wall: chair and feet of woman facing to right at a table of bread. To the right of the table is the lower part of a 'cupboard list', with two registers of stone vessels and two registers of granaries on the right. The rest of the surface of the tablet has weathered away.

Crossbar: horizontal line with signs facing to the right: s.t nswt nt ht-f smswt mr(yt)-f Htp-hrs

Drum: Htp-hr-s

The rest of the northern ka-door bears no inscription if it was ever decorated. Fragment No. 25-5-61 (48) might be part of another architrave block with name: Htp-hrs but cannot be assigned to this door. Advice, you can use

W wall : between the two ka-doors, and above the southern ka-door a large area has been partially restored from fragments in Fig..... Over the southern ka-door were two registers of estates, facing away from the main scene on the wall, to the left. ~~xxxxxxxxxxxxxxxx~~

To the right of the architrave over the southern false-door, these two registers have figures facing to the right, forming part of the chief scene. At the north end of the wall stands a large figure of Ankh-haf, leaning on a staff and facing to the left. Behind him is a small naked boy labelled: s' s'.t-f 'nh.t-f. Over the head of the chief figure are parts of four badly weathered columns of titles: 1)..... h'w sd'wty bity, 2)..... hry-hb, 3)....., 4)..... sr wty. The space behind Ankh-haf, over the northern false-door is entirely weathered or broken away.

H I3t4

Registers in front of the chief figure:

- 1) This is on a level with the base of Ankh-haf's titles and now contains only the legs of two scribes. In front of them is a battered inscription evidently referring to the record of funerary estates.
- 2) On the right two scribes hold up their tablets in front of the chief figure. They are followed by two men standing in a respectful attitude. Beyond a long break is probably to be restored a figure carrying the ~~end~~ end of a pole supporting a chest. This may be part of a row of men presenting clothing in chests, or it may even be a carrying chair.
- 3) A figure on a somewhat larger scale stands facing Ankh-haf. His name is probably ~~xxxxxxxx~~ (R)-htp. Behind him is a trace of a smaller female figure, which suggested the placing of three fragments of estates bearing offerings. Toward the left end of the register is a man carrying birds toward the right, and beyond him, beneath the architrave of the southern false-door seem to have been seated figures of scribes, facing left, of which parts of two are preserved.
- 4) The fourth and lowest register seems to have been devoted to a presentation of cattle. It is headed on the right by two men bearing haunches of beef. Over them seems to be written: (h)ps. They are followed by men leading three head of cattle, of which only fragments are preserved. A long horizontal inscription ran above the whole scene, but only traces remain: M;.....it..... ~~xxxx~~ n(pr dt)..... ndt-hr. Over the second animal is written rn....., and over the third: (rn)w.

H [h k3w or rmtw]-8

Usat

S Wall: ^{Several} ~~three~~ fragments assigned to this wall indicate an offering scene or a table scene: the large figure is not preserved but should have been seated facing in to right: the ~~three~~ frags. show parts of a picture list of offerings and part of an inscription: (1) parts of four vertical lines with signs facing to left.../... (a)k!t nt nswt: (b) ,,,.....dy nswt htp prt-r-hrw n-f m.....: (c) W!g(?) hb wr pr(t Mnw).....(d)h! bread-beer-cakes, head of bull, oryx, and birds ih-t nb: (2) ~~part of~~ a list of drinks, ~~hot~~ hnt (det.arm paddling), dsrt(?) and above ~~these~~ a dividing line that looks like the base of a jar. ^{^Something} (3) parts of two registers of a picture list: above basins with round cakes in them; in the lower register on the right is a wicker stand with sheaves of grain and a stand of fruit.

/part of

N Wall: ^{Several} ~~five~~ fragments assigned ^{probably} to this wall indicate an abbreviated presentation scene with standing figure of Ankh-haf on left facing to right, as in N wall of chapel of G 7650: frag.(1) ~~part of the body of large figure facing out to right wearing a panther skin:~~ ^{anda} ✓ frags(2-3) ~~each shows~~ figure of woman ^{anda} or girl facing to right standing in traditional position with left hand on breast and the other hanging open: ~~probably~~ ^{perhaps} behind large figure of Ankh-haf; ✓ frags(4-5) show a man dragging in an oryx to the left.

above head of female figure: htp-hr-s' ^{perhaps also} from above ~~these~~ ^{figures} ~~frag 3~~ in this group three frags. with inscriptions ~~which seem to~~ contain other names. ^{These} would indicate several girls behind mother. All these pieces ~~may come~~ ^{could come} from east wall. See Fig.....

E Wall: this wall is ^{so} completely destroyed that none of the fragments could be assigned to it with any certainty: if the following fragments are assigned to this wall it bore a family group at the S end. ✓ (1) several frags. of the wig of a large female figure facing to the left which could hardly be placed on the W, N or S wall. No. 25-5-61 (44,60,75) ✓ (2) frag. showing the lower part of two boys holding each other by the hand and facing to left also, to the right of them behind, is the foot of a third figure: compare the family scene in G 7650 (facing to right). 25-2-78 (partly reproduced in Smith 139 b.) ^{Drawn but not reduced by Jellicoe} Door-Jambs: no frags. assignable to doorjambs.

Facade Panels: probably decorated but no reconstruction possible. For other unintelligible fragments see Figs.....

Shafts in G 7510: the mastaba had actually only one shaft (B) but this was in the position of the chief shaft in the two shaft mastabas; the chapel was also a two-niched chapel: while the chief niche was decorated in the name of Prince Ankh-haf, the minor N niche was decorated in the name of his wife, the eldest King's daughter, Hetep-heres; therefore we cut a great trench in the axis of the mastaba northwards from shaft B, but found no trace of second shaft: ~~this fact suggested the possibility that this Princess Hetep-heres may have been the queen Hetep-heres II who is known to have been married to Prince Kawa'ab and to his brother King Radedf~~

Shaft G 7510 B: tomb of Prince Ankh-haf, built in the early part of the reign of Chephren: 2.6 x 2.6 at top: 2.3 x 2.45 at bottom -17.53 m. in rock: lined above with massive masonry the top part of which had been destroyed by plundering, 2.65 m., 4courses.

(west)

S Wall: Several fragments can be assigned to this wall which indicate an offering scene or a table scene. The size of the hieroglyphs in the inscriptions seem very small, but they appear not to be suitable for the tablet of the west wall southern false-door, which is the other possible alternative. The large figure on the south wall is not preserved but should have been seated facing to the right.

- 1) From a picture list of food at the right end of the wall is a fragment with parts of two registers of offerings. Above are round cakes in basins, and below two wicker stands with fruit and sheaves of grain.
- 2) Part of a list of drinks: hd.t, hnt (det. arm paddling), dsrt.....; and above a dividing line something that looks like the base of a jar.
- 3) Fragments of several vertical lines of titles, joined on the right to an offering formula:
 - 1) (sd;wty) bity.....
 - 2) hry d.t; nhb m (~~.....~~)....
 - 3) (ir ?) mr(rt nb-f ?).....

Then:

- 1) (imy-r;) k'it n'swt.....
- 2) dy n'swt htp, prt hrw n-f m (wpt rnpt ?, etc,)....
- 3) w'g. hb wr pr(t hnw ?)....
- 4) (htp ?) mhw (sn'w ?) ht nbt (.....)

Other fragments of titles from above:

- 1) mn h'pwr r h'w.t ?
- 2) mdw hp
- 3) hm ntr b; 'npt
- 4)f mr.....
- 5) s;(n'swt).....

- 4) Fragments of titles of Hetep-heres, written without border lines, but apparently from this same inscription:
 - 1)n..... 2) (s;t n'swt nt ht)-f smswt, 3)hm ntr
 - 4)hm ntr, Htp-hr-s
 - 5?):h.t Snirw

Appendix B. p.56.

Chamber: type 2 amx (ramp), lined with white limestone:
on S: 3.45 x 3.8 m. and 3.5 m. high: area, 13.11 sq.m.:
capacity, 45.88 cu.m.:
Passage: 2.05 x 1.05 m. and 1.0 m. high, sloping floor and
roof: blocked with masonry set in plaster, type II b(1):
partly destroyed: probably with portcullis slab ~~xxxx~~
destroyed by plunderers:
No pavement: no coffin: no canopic receptacle.

not drawn
Filling of shaft: filled with disturbed limestone debris
mixed with sand: hole in mastaba over shaft: in shaft
upper part disturbed debris and sand with frags of
Ptolemaic faience (bowls and amulets, 25-1-638 to 640)
and a frag. from the arm(?) of an alabaster statue ~~x~~
(25-1-641 and a Ptolemaic RW bowl (25-1-642): below this
was again disturbed debris containing casing blocks
thrown down from the upper part of the shaft: this
disturbed debris extended to the bottom of the shaft
and had run into the chamber to a small amount: in the
not drawn debris in the doorway and in the chamber were found a
number of Ptolemaic objects: faience amulets, etc.,
25-1-1143 to 1149: and a wooden mummy mask, 25-1-1150:
the shaft had been completely cleared out in modern
times and filled with surface debris and excavated
filling.

Later Constructions:

On the south of G 7510 was built the original massive cores G 7650
and G 7520+7530, both of the same size and construction in ~~x~~
the first half of the reign of Chephren and immediately
cased: north of the mastaba was constructed later the
nummulitic mastabas of type VI a, G 7810 and G 7820.

In Dyn.V-VI: area east of the mastaba and the exterior chapel was
occupied by small and medium sized mastaba: these fell into
decay and were badly denuded by weathering the area was only
lightly sanded up before the Saite-Ptolemaic Roman Period:
south of the c.b. chapel was the medium mastaba G 7631:
at an interval of several meters, north of the chapel was
built G 7512 with small later mastabas and shafts (G 7513
and G 7514) intruded between c.b. chapel and G 7512:
north of this were 3 badly destroyed mastabas, G 7516 ~~xxxx~~,
G 7518 and G 7519: then came a larger composite mastaba,
G 7521 north of this was G 7522 and destroyed mastabas to
the NE corner of G 7510: east of this line the field ~~continued~~
continued eastwards but the superstructures were badly
destroyed.

Over the whole area were late-intrusive shafts of which all trace
of superstructure had been denuded away: most of these were
of the Ptolemaic Period.

South of the finished mastaba G 7510 and about 9 meters away were constructed two massive cores originally of about the same size, core G 7650 on the east directly in front of core G 7520+7530: both made about the same time in the early part of the reign of Chephren but after core G 7510. The mastabas appeared to have been finished almost immediately (a few years) but both were considerable altered in finishing. The casing blocks of the western mastaba appears to have been constructed in the middle of the reign of Chephren.

G 7650: Princess Merytyetes, ^{and} her husband Akhet-hetep and ~~perhaps her mother Queen Merytyetes~~; the easternmost of the two massive cores south of G 7510 and in front of G 7530+7540.

See Figs..... Printed in Volume I A. F.

See Pls.....

Owner:



Average height of mastabas as preserved 6.30 m.

Mastaba: core of massive masonry of type IV-1; 36.0 x 16.25 m.: area, 585.0 sq.m.: prop.1/2.21; cased with fine white limestone extended to the south by casing backed with num. blocks to become core type IV-iv, containing an interior chapel: cased mastaba measures 51.75 x 19.1 m.: area, 988.42 sq.m.: prop.1/2.7; interior chapel of type (4a) with subsidiary N niche (badly broken) in casing.

average h. as preserved 6.3 m.

Masons Marks and Quarry Marks:

*1/5 Reserve head
Maintained
found in debris of
Street 27-4-1219?*

*From Street 7500 East of Room G7530 a
Two dated quarry marks were found, (1) on back of the north wall of the interior chapel (incised)..... h3t-sp 13 36d 4
(2) on back of a casing block in the north end of the mastaba (incised)..... h3t-sp 13 36d 4*

How about limestone windows?

*28-4-213
S. of mastaba
G7650 between it
and G7660
in redium.*

Chapel: interior chapel of type (4a) with exterior c.b. chapel of6 rooms (b-~~8~~): with subsidiary N niche in casing.

a) 6.0 x 1.7 m.: area, 10.2 sq.m.: prop.1/3.53: white limestone with two niches in W wall, type (4a): chief or southern niche torn out, outer recess (uninscribed) 1.0 m. wide: minor northern niche, outer recess 0.65 x 0.1 m., and inner recess 0.23 x 0.1 m.: entered from E by doorway in N end of E wall, opening in embrasure in casing, 3.95 wide and 0.4 m. deep, ~~it is reasonable to suppose that the famous Merytyetes stela recorded by the two De Rouge's came from behind the empty place of the S niche.~~

The exterior c.b. chapel consists of ~~five~~ six rooms: a drainage tank north of this chapel emptied into a roofed ~~and~~ channel which emptied into the street packing south of the chapel.

- b) room around the entrance to room a, with its wooden(?) roof supported by one column (stone basis) nearly in the middle of the floor: 4.0 x 3.5 m.: area, 28.0 sq.m. entered from N by doorway in E end of N wall (door embrasure on inside): doorway to c in E end of south wall: walls plastered and colored black as far as ~~pre~~ preserved: the drainage culvert enters under doorway to f, crosses the E end of the room from N to S and passes out under the doorway to c: a limestone offering basin (uninscribed) sunk in the floor against the S wall near the middle.
- c) small vestibule room leading from b to d, south of doorway from b: 1.1 x 1.05 m.: area, 1.15 sq.m.: doorway from b in N wall: doorway to d, in W wall.
- d) another small room W of c and leading to e: 1.1 x 0.7 m. area, 0.77 sq.m.: doorway from c in E wall: doorway to e in S wall: it is difficult to see how these two little rooms, c and d, could have served any purpose except to complicate the use of room e.
- e) southernmost room in c.b. chapel: 1.8 x 2.77 m.: area, 4.98 sq.m.: apparently a magazine: entered by doorway from small room d, set in W end of N wall.
- f) north of room b, a vestibule room with stairway in W wall: 1.24 x 2.05 m.: area, 2.54 sq.m.: entrance doorway in W end of N wall, opening in embrasure in N face of chapel: doorway to b, in E end of S wall: the drainage culvert enters under the entrance doorway, crossed the room diagonally from NW to SE and passes out under the doorway to b: in S end of the W wall, opens the door of a c.b. stairway, 0.65 m.wide: the stairway descends to the W by three steps and then turns northwards ascending by five steps before it is denuded away: this stairway appears to give access to the roof of the chapel: the embrasure doorway must have had the wooden door (not found) on the inside.
- g) ~~north of room f~~ the part outside the N entrance: at 4.55 m. north of the embrasure entrance to room f, is an irregular rock cut drainage tank, apparently to collect the drainage from the street to the N which slopes to the S: from this tank the drainage culvert already mentioned runs southwards to pass under the entrance, then SE under the floor of room f, passes under the doorway ~~of room b~~ from f to b, southwards across the E side of room b, under the doorway from b to c, and slanting to the SW under room c, under the wall between c and e, under the S wall of room e and empties in the limestone packing of the street to the south: only the wall ~~from~~ which form the N and S walls of room e appear to have been built after the construction of the culvert: E and W of the culvert north of entrance doorway, two long walls of c.b. were built later against the embrasure itself preserved to a length of 3.5 m.: on the E, partly built against G 7750, was a c.b. compartment with walls apparently bonded with the long N-S wall, measuring inside, 2.5 x 0.87 m.: apparently entered by a blocked doorway at S end of W wall, but so denuded that the conclusion is uncertain: the two long walls seem to form a corridor the same width of as the entrance doorway:

Outside the E side of rooms f and b, c.b. walls enclosing three rooms were found but these were built on top of a small mastaba of Dyn.V-VI and appear not to be connected with the chapel of G 7650.

Decoration of room a of chapel G 7650:-

The upper parts of the walls were shattered and the southern ka-door had been removed.

W Wall; southern ka-door; the sides of the outer recess, undecorated, are preserved to a depth of 0.36 m. and the south side 0.56 m. deep; but on the south, the side is dressed to about 0.38 m. ~~deep~~ only and the remaining surface is slightly rougher where the monolith containing the rest of the niche was set; on the inside of the N side of the outer niche is evidence that a monolith was set against the inside edge of the outer recess: thus the monolith would have extended from the face of the S side of the outer recess to behind the stone forming the N side of the outer recess: the width of the monolith containing the backs of the outer recess and the whole of the inner recess, would have had a maximum width of 1.29 m.: the stela of Queen Merytyses as reported by Mariette and de Rougé had a width of 1.25m. and would have fitted the place left by the removal of the monolith: that stela was 2.5 m. high: and appears to have included the crossbar, the back panel of the outer niche and the undecorated inner niche: on the back panels of the outer recess seems to have been a figure of a woman with one peak on the shoulder of her tunic? facing in, on each side: de Rougé, Inscriptions hieroglyphique copiées en Egypte, Pl. LXII, gives three inscriptions:

- (1) horizontal line from the crossbar, hm-t nswt mryt-f ht-Hr Mryt-its.
- (2) three vertical lines from over one of the figures on the back panel,
 - (a) wrt hts nt Snfrw.
 - (b) wrt-hts nt Hwfw.
 - (c) im h(t) hr Hc-f-rc Mryt-its.
- (3) three vertical lines over the figure on the other side,
 - (a) hm-t nswt Mryt-it-s.
 - (b) mryt sm-t Nbtj dd iht nb ir n-s.
 - (c) nt (t-f)

the last inscription is apparently badly copied and I suggest the reading from the lines reversed,

- (a) s, nswt nt h-t-f
- (b) sm, t Nbtj dd iht nbt ir-t ns.
- (c) hmt nswt mryt-f Mryt-it-s.

No certainty is to be won for this reconstruction and the monolith may have been decorated in the name of Akhet-hetep.

h mryt-g

*Footnote: the hieroglyphs!
 mryt
 hardly justify this reading*

W Wall, Northern ka-door:

Architrave: missing.

Tablet: woman seated in usual attitude at table of bread, facing to right: wearing lappet wig and long tunic with shoulder ties: below table, an ideographic list (on left, ointment, bread, linen, beer and two 1000-signs): above table short list in two horizontal lines, with words written vertically and continued beside and below the table on the right

- (1) arm with water and ewer and basin, horn with water line and bread and a wine jar, isd, irp.
- (2) shpt, shpt w/d, shpt hd: beside the table, rtthty, t, nbs, two joints of meat on platters and a head of a goose and head of bull): on the right of this is a "cupboard list" of linen consisting of three kinds (idmy hawks broken away), the sšr and c!) at the top of the tablet beginning of the linen list, was a horizontal line of titles and name,s, t nswt (s! (Mryt-it-s).

Crossbar: (s!-t) nswt nt ht-f mryt-f Mryt(it-s).

Drum: no inscriptions preserved.

Inner niche: uninscribed.

Outer niche: two back panels: figure of woman standing facing in, on each side: far hand on breast and the near hand hanging open at side: wears a lappet wig and tunic, ~~xxx~~ ankles and bracelets: on the S, is written horizontally over her head, (M)r-t-tx-s on the N, inscription destroy.

Outer niche: the sides were uninscribed.

To be checked with drawing in comp.

W Wall between the two ka-doors: on the left a woman seated at a table (of bread) facing to right; table rests on a separate base line about level with the bottom of the woman's tunic; below the table to the right, two joints of meat on platters, and a haunch of beef (one above the other with broken space which probably bore a fourth cut of meat); to the right of the upper cut is a dressed goose on a platter: to the right of ~~the upper cut~~ this is the foot of a small figure apparently carrying a live bird in right hand, facing to left on a base line of a second register from the bottom; At the N end of the wall is a large standing male figure facing to left, with staff; in front of him stands a small female figure facing to left with right hand on breast and left hanging; behind him there were several registers of children: above are two naked boys facing to left with hands at sides (a) holds a live bird and the second a lotus flower: a second register below the boys is destroyed but a hand is visible: a third register show two girls standing facing to left with short hair, tunic, with right hand on breast and left hanging; a fragment from the MacGregor collection (Newberry's catalogue, No.1567, Sotheby's catalogue of the Macgregor collection) appears to fit on these two figures: the first girl is labelled Htp-hr-s and the second, Hwfw.... Smith opp.cit. Pl.41.; Gulbenkian collection. In the lowest register between the large figure of Akhet-htp and the table is a slaughter scene: two pairs of men cutting up two bulls. Smith op.cit. Pl.41.

These figures are on a fragment which fits into the broken part of the wall. A half of the first girl's name is still in place in the wall.

W Wall, south of the S ka-door: the wall is broken off at the base line: 0.8 m. wide:

- W Wall, north of the N ka-door: 0.4 m. wide: parts of three registers (with one or two more above):
- (1) legs of small figure striding to left carrying bird in each hand:
 - (2) two figures, facing to left of which the first holds up on each side of him a small jar and the second is obliterated.: labelled Nfr-htp.
 - (3) two figures standing facing to left the first figure is broken and the second carries a staff in his left hand and a ring-stand(?) with jar against his breast with the right hand.

N Wall: on left end, a large figure of a man leaning on his staff, facing out to right: full wig, hry-hb sash; above him five vertical lines, facing right, broken away at top:

- (a) hm ntr with cartouche (illegible) smr wcty:
- (b) hm (B/w) Nhn shm chc.
- (c) whc
- (d) ry
- (e) ht-htp.

In front of chief figures parts of three (originally four) registers of small figures facing to left.

Reg.1: two men proceeding to left carrying a pole on their shoulders: from the pole hangs a wide garment with ties hanging down from the top edge.

Reg.2: two men dragging in an oryx to left: the first man is labelled hm-k; Iwhw(?).....

Reg.3: obliterated by weathering except foot of man and hoof of animal.

See photo on Pl. 42 W.S.S. Supton ?

Reg.4: only lower part preserved: two men bring in an animal (ibex or gazelle); first man labelled hm- k; Prty-t. To the right of the registers was a blank space where the wooden door was opened against the wall: above this space at a height of 2.5 m. is a raised line indicating a border or a horizontal line above the space.

✓ S Wall: offering scene with family group which is continued on S end of E wall: in the middle of the wall is a large standing figure (feet only preserved) facing to the right (probably Akhet-hetep) with staff: behind him are visible the feet of a daughter and to the left of this is a wide space in which probably stood ~~the wife and perhaps~~ another daughter: in front of man on a separate base line stands a son also facing to right: to the right of the staff was a narrow vertical strip apparently occupied by a picture list of offerings: below is seen two cuts of meat on platters and below them a horizontal row with bull's head, a broken space, and three heads of birds each with label above it.

E Wall: upper part of wall badly shattered but partially reconstructed from fragments found in the chapel: the wall presents two scenes: on the south is the continuation of the family group on the S wall and the rest of wall is taken by a family group ~~on the S wall~~ viewing a fishing scene.

E Wall, family group on south continuing family group on the S wall on the N end of the southern group is a large figure of a woman seated on a throne facing to right: in front of her on the right stand a boy facing right and stretching out his right hand to her: with his left hand grasps the right hand of a smaller boy to the right of him: the second boy stretches out his left hand to another figure and there may be a fourth figure to the end of the wall: continued on south wall.

✓ E Wall: chief scene north of the family group just described:- At the N end of the wall is a family group of five figures all facing to right except the small boy who faces back to right: on the right is a large figure of a man (Akhet-hetep) standing with staff: between him and staff a small boy facing to left (feet preserved): behind the man is a daughter, a large figure of Princess Merytyetes and behind her another daughter: the wife and the last daughter stand in the traditional attitude with left hand on breast and right hanging and probably the first daughter was in the same attitude: six fragments with vertical lines of inscription are assigned to the wall above the woman and last daughter: (1) s;t nswt nt ht-f (2) hm ntr Hwfw (3) hm ntr Ht-Hr (4) hm ntr Nit (5) Mr(t)-t-(t)-f-s: the daughter behind is labelled over her head, s;t-s nt ht-s Hwfw..... Smith op.cit. Pl.41.

In front of the family group is a swamp scene consisting of bird netting scene below it and with a register of figures bringing birds and fish, at the bottom of the wall ~~the~~ fishing scene:-

(1) the bird netting scene, indicated by men in the third register, bringing live birds, is represented by only a few fragments: a frag. shows the legs of two men crossing in the attitude of men springing the trap: the frag shows a base line with signs below belonging to another register (the name Tti): a frag. shows a man facing to right with shoulder pole with case of birds(?) hanging from pole.

✓ (2) Fish-seining scene: on the wall are parts of scene preserved: on the left the upper part of three men pulling in the seine below on the right, the feet of two more figures and the upper edge of fish net with floats attached.

*This fragment
29-7-20 in camp is
not drawn.*

- ✓ (3) line of eight figures of which all but the last on the right, face to left:
- (1) on left,
 - (2) two figures standing facing to left but nearly obliterated.
 - (3) man running but only the back of one leg preserved.
 - (4) running, carrying two live birds in right and one in left hand
 - (5) running, but his burden indeterminable.
 - (6) running, carrying two fish in left hand but object in right hand broken away:
 - (7) running carrying a large fish(?) across the back of his neck.
 - (8) standing facing to right: holds a tablet or sheet of papyrus against his breast with his right hand and grasps with his left his right wrist and thus appears to belong to the family group on the S end of the wall.

✓ Door-jamb on N: on the wall, is preserved the feet of a large figure of man with his wife behind him: both standing facing out to right.

Door-Jamb on S: feet of large figure of man near the middle, facing out to left, probably with wife behind him: in front of him the feet of a small figure facing to right.

Facade Panel in Embrasure on N side of Doorway:

- ✓ On left the feet of a large figure standing facing in to left, ~~the feet of a large figure~~ with staff: in front of him on left edge, a vertical inscription ending in a t (probably Akhet-hetep): between him and staff, lower part of small figure (a son) facing to right: behind him at least two registers of two small figures each:
- (1) standing facing to left, ~~the~~ first figure ~~obliterated~~ obliterated except for feet and second figure, in short skirt with left hand on right shoulder and right hand hanging.
 - (2) standing with right hand on right shoulder and right hand hanging, labelled hm-k; Isi: the second has left hand ~~hanging~~ on right shoulder and right hand hanging, labelled hm-k; Pr-kj.

Facade Panel in Embrasure S of Doorway:

- ✓ On the right a large standing figure facing in to right with staff: on edge in front two vertical lines the first of which ends in ...ht-htp and the second endstp (probably also Akhet-hetep): behind him on the base line are two standing figures of girls (destroyed above the waist): the first has her left hand hanging: the second holds a lotus in her hanging right hand, labelled hwfw; above them is a second register preserved on a loose block showing two standing male figures also facing to right.

A number of fragments could not be definitely assigned to any wall: ^{four} three small frags. with hieroglyphs,

- ✓ (1) ..(cd) -mr whc..... ✓ (2) ... (cd) ..mr ~~whc~~ nb.....
 ✓ (3) horizontal, hm-t whc

*See also
 extra sheet of
 drawings in folder*

✓ 4 mm

Shafts in B 7650:

In the original core were two shafts, A on N and B on S:
 In the southward extension of the cased mastaba against the S end of the original core was a third shaft, C, and this was the chief shaft in the mastaba.

Shaft G 7650 A: 2.07 x 2.07 m.: -11.67 m. in rock: lined above with massive masonry, 2.53 m., .4 courses.

Chamber: type 3 amx on S: 4.65 x 5.3 m., and 3.75 m. high: area, 24.65 sq.m.: capacity, 92.44 cu.m.

Passage: 2.42 x 1.15 m., and 1.26 m. high: no trace of blocking. The shaft was filled with disturbed debris mixed with sand and in this debris were a small number of faience amulets and vessels of the Ptol. Period: this debris ran down into the chamber around the doorway: the chamber and shaft had been cleared out in modern times and refilled with surface debris.

APPENDIX B. p.63.

- Shaft G 7650 B: 2.0 x 2.0 m., -0.0 m. in rock: lined with massive masonry, 4.1 m., 6 courses: type 7 x without chamber. Filled with disturbed debris: had been cleared out like shaft A.
- Shaft G 7650 C: chief shaft: 1.95 x 2.0 m., -11.4 m. in rock: lined above with massive masonry, 4.10 m.: , . . 4 courses. Chamber: type 3 afx, on S: 4.85 x 5.3 m., and 3.9 m. high: area, 25.7 sq.m.: capacity, 100.23 cum. Passage: 1.95 x 1.6 m.: and 2.28 m. high: blocked with masonry of which part remained, and outside with a portcullis slab of which pieces were found: Blocking: type I b(L): in bottom of the shaft in the original filling was found the frags. of a large basin with traces of plaster used in sealing the blocking.
- ✓ Red granite panelled coffin of type e(p) stood N-S along the W wall near the NW corner: 2.35 x 1.0 m. and 0.9 m. high inside, 1.9 x 0.6 m. and 0.62 m. deep: lid with flat top and two heavy end bars 0.18 m. high, each pierced with two horizontal holes about 4.5cm. in diameter: no end handles on lid and the holes were apparently used for ropes to handle the lid: the under edge of the lid was rebated so that a projecting surface set down inside the box: the box was panelled on all four sides with a continuous series of palace facade doors, 5 on each long side and 2 on each short side: panelling marked in black paint.
- Canopic pit in SE corner close to rock walls: 0.6 x 0.65 m. and 0.7 m. deep, with rebate for lid in upper edge.
- Filling of shaft: disturbed debris and blocks fallen from shaft lining: about half way down was found a one-handled jug of DbW(18.5 cm. high) which was of the Ptol. Period(29-3-194): no other objects of the Ptolemaic Period were found and the shaft had been cleared out probably much earlier than the plundering of modern times:
- In the bottom of the shaft, badly smashed were found frags. of jars containing plaster used in sealing the blocking: 29-3-233.
- In the chamber, a small amount of the debris had run in around the doorway but the canopic pit and the coffin were clear of debris: on the floor of the chamber were found the following:-
- ✓ 29-3-252: alabaster: model basin: h., 2.2 cm.: diam., 6.8 cm.: round bottom.
 - ✓ 29-3-253: alabaster: model bowl, round bottom: h., 1.4 cm.: d., 5.9 cm.
 - not drawn* ✓ 29-3-254: alabaster: frags. of a number of other models like, 29-3-253.
 - ✓ 29-3-255: alabaster: two frags. of shallow tray with nearly vertical sides: h., 1.2 cm.: d.ca. 13.0 cm.
 - ✓ 29-3-256: pottery, special ware: two handled oil jar of type B-LIV: upper half only: h. as preserved 24 cm. d.rim, 11.2 cm.: d.neck, 7.6 cm.: d.body, 20.5 cm. with handles, 28.0 cm.
 - not drawn* 29-3-257: frags. of pottery vessels of RW and RBrW.
- In the coffin were found a few broken human bones.

Later Constructions:

- S of the mastaba between it and G 7660, a small mastaba G 7652 is intruded.
- Against the W face of the mastaba, between it and G 7530 is a small mastaba, G 7524.
- The other structures E of the chapel (between G 7750 and 7760, and those north of the mastaba (between it and G 7510) are of the Ptolemaic Period.
- In the street east of the mastaba the debris consisted largely of broken crude bricks from destroyed chapels(?) of the Ptolemaic Period and through this debris had been made a number of burial shafts, G 7600 R to Z.

APPENDIX B. p.64.

G 7520+7530+7540: originally a massive core of type IV-i was built behind (west) of G 7650 core and was of the same height and size: original core, 36.7 x 16.25(16-16.5) m.: area, 596.37 sq.m.: prop.1/2.2 this was obviously designed for the mastaba of G 7530+7540 intended for Queen Hetep-heres II but when that mastaba was finished it was shifted southwards to bring the chapel doorway opposite the space south of G 7650 so that the finished mastaba G 7530+7540 was en echelon to G 7650: at this time the massive blocks in the northern part of the original core for a length of 17.5 m., were removed leaving only the lower part of this N end of core G 7520: with these blocks and other blocks an addition was built against the south end of the original core and thus a new core was formed called G 7530+7540: which measured 29.5 x 16.865 m.(16.5 at N and 17.25 at S): this new core measured about, 47.5 x 16.88 m.: area, 633.0 sq.m.: prop.1/2.22: this enlarged core was cased with fine white limestone to form the mastaba G 7530+7540 of Hetep-heres II.

G 7530+7540: Queen Hetep-heres II with rock cut tomb of Queen Meresankh III under its N end: west of G 7650 and en echelon with that mastaba.

See Figs..... Plan and Section done A. F.

See Pls.....

Owner:

Mastaba: reconstructed massive core (see above) of type IV-iii: about 47.5 x 16.88 m.: area, 633.0 sq.m.: prop.1/2.22: with recess for interior chapel: cased with fine white limestone: 50.37 x 20.125 m. (19.25 at N and 20.0 at S): area, 1013.69 sq.m.: prop.1/2.5: with interior chapel of type (3b) or (6b). exterior stone chapel(unfinished), and subsidiary N niche: north of this niche the rock in the street has been excavated) the rock cut tomb of Queen Meresankh III.

Chapel of G 7530+7540: interior chapel of type (3b) or (6b) of white limestone: 4.75 x 1.5 m. area, 7.12 sq.m.: prop.1/3.11: with deep compound niche in middle of W wall flanked by palace facade panelling on each side: with print of circular offering stone in outer recess of ka-door: ka-door, outer recess, 1.3 x 0.55 m., and inner recess, 0.55 x 0.5 m.: nearly completely destroyed particularly the E wall and entrance: drawn from construction lines: entered by doorway in middle of E wall.

Exterior stone chapel: probably unfinished and badly destroyed begins at SE corner of cased mastaba and extends northwards for a minimum length of 14.75 m. and a width of 3.8 m.: the chapel with a width of 3.8 m. fills the street but leaves a very narrow space at the back of G 7660: that is, G 7660 was built after the exterior chapel had been built as far as it was ever built: the S wall is standing to the height of one course of large blocks, including the SE corner and one block in the E face adjoining the SE corner: the rock under the S end of the chapel falls away and the slope is compensated by a heavy foundation platform to bring the floor of the exterior chapel on a level with the rock in the street north of the chapel and on a level with the floor of the interior chapel: it is probable that this chapel contained three or more rooms but all trace of the interior plan has been destroyed because most of the floor has been torn up.

Subsidiary N niche: at 22.0 m. north of N jamb of doorway to interior room a: outer recess 1.1 x 0.2 m. and inner recess 0.3 x 0.2 m., badly weathered and upper part broken away.

North of subsidiary N niche, the street has been excavated for the rock cut tomb of Queen Meresankh III(see below, G 7530)½

~~DATE OF CASING~~

Date of Casing of G 7530+7540: on the back of two casing stones in place in the ~~W~~ side of the mastaba were found quarry inscriptions: on the E was found a displaced block with a similar inscription from which the year had been cut away:

h;t sp: Month: Season: Day: Name:
 ✓ (1) ..7.....4.....Prt.....20.....wrt hts Htp-hrs.
 ✓ (2) ..7.....4.....Prt.....10.....wrt hts Htp-hrs.
 (3)3?.....Smw(?).....21.....wrt hts Htp-hrs.

On the subsidiary N niche, on each side of the back of the outer recess is an incised vertical line with signs facing to right:

(N)(h;t) sp...2(possibly 12) ibd 4(?) Smw day 22(?)
 rnppt.
 (S)(p)rt day 7(or 6) (r)npt.....

The year 7 of the quarry inscriptions was either year 13 or 14 of the king concerned (See Sethe, Untersuchungen III p.79); the date on the subsidiary N niche is not completely preserved and might be read 2, 5, 12, 15 or 22, with which would designate the year 3-4, 9-10, 23-24, 29-30, or 43-44; the date on the south panel is wholly illegible: as there is no burial in the mastaba, the dates probably record on the N the beginning of the work on the mastaba and on S the completion of the mastaba: as the work was proceeding on the casing and was half finished in year 13-14 I would reconstruct the dates on the subsidiary N niche as year 7-10 and on the S panel as year 13-14 or 15-16; this would give four to six years for the construction of the core and the casing including the chapel.

The evidence for the king in whose 13-14th year the casing was built, is purely circumstantial:

- (1) the position of the mastaba.
- (2) the construction of the mastaba.
- (3) the family relation of queen Hetep-heres II, particularly as mother-in-law of Chephren: this evidence indicates very strongly that the mastaba was built in the years 9-10 to 13-14 (or alternately 15-16) of Chephren.

Decoration of the Chapel of G 7530+7540, room a:

The walls of the interior room of type (3b) or (6b) are nearly destroyed: the lowest part of the W wall and one slab in the N wall remain.

W Wall: ends of grooves just visible indicate a palace facade panelling on each side of the deep niche which was completely destroyed but traced on the pavement with a circular offering stone in the niche.

N Wall: the remaining stone shows the left hand part of the lowest register showing a procession of women facing to left:

- ✓ (1) feet and ankles only remain.
- (2) carries a strip of linen in her right hand and in the left hand a wand with a hand carved on the end: wears tunic with only one shoulder strap; head missing.
- (3) carries a box on her left shoulder: head missing.
- (4) a dwarf, carries the high narrow case usual with dwarfs.
- (5) woman, wears tunic with only one strap, and carries a strip of linen held up on either side of her.

Unplaced fragments: show men facing to left; possibly also from N wall:

- (1) show parts of two registers: above is scribe's case on ground: dividing line: below figure of man facing to left with righthand on left shoulder: in front and over him is written, (s)mrw m t;wy(?) and vertically t m; 1/2
- (2) shows part of two upper registers: above is the border which ran along the top of the wall: in the upper register are three men facing to left, standing:
 - (a) carries ~~staff~~ long papyrus roll held at his side.
 - (b) holds up cylinder jars in a stand.
 - (c) holds up strip of linen in right hand and in front of him written vertically, ... hm-k; Pth-n-k;w; in the second register, two figures:

not drawn

28-5-102
(?)

(a) man standing facing left with arms hanging at sides, labelled imy-r; pr hm-k; K;-.....: behind him stands, (b) a smaller figure with left hand on right shoulder, labelled shd hm-k; Pth.šps.

Other fragments, four in number:

- ✓(1) with part of one hieroglyph: perhaps Imnty or similar. 27-4-1242.
- ✓(2) 28-5-35: part of a large htp-sign.
- ✓(3) 27-5-1, shows part of offering formula with signs written vertically, facing to: below the upper edge of three compartments of a compartment list of offerings: (ntr c!) prt-r-hrw n-sx (bread, beer, cakes) m wp rnpt tp rnpt Dhwtj: the words in the three compartments below appear to be nswt(?), nt....., and again nswt.....
- ✓(4) 28-5-36: fitted together of several small frags.: shows the hind legs of a cow tied together with the front part of a calf behind: evidently a milking scene.
- ✓(5) 28-5-11: fragment with subsidiary male figure: head and shoulder facing right.
- ✓(6) 28-5-35: small door, element of panelling in W wall.
- ✓(7) 28-5-102: men carrying offering found in St.S of G 7530 probably from the chapel. *gazelle and meat pieces.*

Not drawn.

No shaft.

Shaft G 7530+7540: the interior of the mastaba was searched for a shaft long and carefully but no trace of a shaft was found anywhere and the conclusion was reached that no shaft had ever been made: therefore Queen Hetep-heres II was not buried in the mastaba prepared for her.

G 7530: the rock cut tomb of Queen Meresankh III made by Hetep-heres II for her daughter Meresankh III; under the northern end of mastaba G 7530+7540, north of the subsidiary N niche of that mastaba.

Ref. GIZA NECROP I

p.225 (3) General Description of Chapel 226. Plan + Section.

Type RC (Ib). See examples of this type listed p.225-229.

Rock cut tomb: type RC (Ib), with three rooms and burial shaft: approached from an open court excavated in the floor of the street between G 7530+7540 and G 7650: 7.75 x 3.2 m. and about 2.0 m. deep: area, 24.8 sq.m.: capacity, 49.6 cu.m.: this court was approached by a stairway at each end cut in the rock on the E side of the cutting: the southern stair consisted of five rises and below the floor of the street ~~four~~ four sloping steps: the whole measured 2.55 x 0.75 m. with total rise of 1.83 m.: the northern stair had been partly cut away when the secondary tombs to the north were constructed and only two sloping steps remained, 1.3 x 0.8 m. but originally four steps with a length of 2.65 m.

[1.63 crossed out]
1.30



*MEA 30.1456
30.1457*



in the southern scarp of this court was a rectangular cubicle cut in rock, 2.0 m. wide (E-W) and 1.60 m. deep (N-S) and 1.63 m. high: this may have been closed with slabs to form a serdab which contained the statuettes of Meresankh II, found in fragments in room a: the serdab(?) was later broken into on the roof by shaft G 7530 Z which continued downwards through the floor: the floor of the serdab(?) was 0.21 m. above the floor of the court;

The doorway to the chapel: on the western side of the court, two pilasters were set up of monolithic num.1st. with an architrave (now missing) across the top: the roof of the doorway and the one stone on the inside were also inserted but the rest of the chapel was cut in the rock and decorated with sized reliefs.

Room a: large N-S hall: 7.0 x 3.33 m.: and 2.6 m. high: area, 23.31 sq.m.: capacity, 60.6 cu.m.: prop.1/2.1: entered by doorway towards S end of E wall: in W wall entrance to room b, divided by a pillar into two doorways: in the N wall is the entrance to room c divided by two ~~doorways~~ pillars into three doorways of which the eastern and western were blocked after the decoration of the chapel: in the S end of W wall was a shallow ka-door: in the south wall



- were three statue-niches below the base of the decoration
- (1) with a rebate with rock cut statue of squatting scribe, on the W, probably Khemten the elder:
 - (2) middle niche without rebate, rock cut figure of squatting scribe, probably Khemten the younger:
 - (3) the ~~western~~ ^{eastern} niche without rebate, with inserted group of four small squatting scribes, probably the sons of Khemten the younger:

No.1, had been closed with a slab plastered in place and was probably made when Khemten the elder superintended the making of the chapel; the others were made later, probably after the death of Queen Hetep-heres II.

All walls and pillars were decorated with sized reliefs. In the upper part of the E wall at .215 m. from the entrance was the opening of a horizontal window which opened in the rock face of the rock cut court.

Room b: N-S offering room: 5.5 x 2.4 m., and 2.28 m. high: /capacity, 29.89 cum.



area, 13.2 sq.m.:/propp 1/2.29: in the W wall is a ka-door flanked on each side by a statue-niche each containing two standing female figures probably ~~Hetep-heres II~~ Hetep-heres II on right and Meresankh III on left: in the S niche the woman on the right(N) has her right arm around the waist of the other figure and the other figure has her left arm around the shoulder of the N figure with her hand on the left shoulder of that figure: the other hands are both hanging: in the right hand pair (N) the two figures hold hands with the other hands hanging: on each side of the two niches with the ka-door between them the wall is decorated with a shallow palace facade panelling: in the floor in front of the ka-door is the burial shaft of Meresankh III (shaft G 7530 A) ✓ with a black granite sarcophagus of type f(p): the N and S walls were decorated as was the back of the pillar in the entrance from a: the decoration of the E wall north of the entrance had been partly outlined in black on plaster but never finished.



Room c: north of room a: 2.55 x 4.65 m. and 2.05 m. high: area, 11.76 sq.m.: capacity, 24.1 cu.m.: cut in the rock in the northern wall are ten standing female figures separated by a narrow space into two groups, three on the E and seven to the W of them: the three figures on the E are slightly larger, while the next four are nearly the same size and the last three on the W ~~decrease~~ decrease in size to a girl about half the height of the larger figures: counting from E to W,

- (1) with lappet wig, probably Hetep-heres II.
- (2-3) both with full wig.
- (4-7) all the same size, each with full wig: probably Meresankh III.
- (8) the largest of the three smaller figures: with full wig, probably the eldest daughter, Shepseset-kaw.
- (9) smaller than No.8, with her left arm around the waist of No.8 with left hand showing on left side of that figure: the arm would have been much too long: second daughter of Meresankh III. Smith, op.cit, Pl. 16 d.
- (10) smallest daughter also with full wig: above on the lintel over the niche is a horizontal line of inscription with signs facing to right: the beginning of the line is obliterated and the end: I restore the beginning, (mwt-s wrt hts Htp-hrs) s;t-s m;!t Hr-St wrt hts tyst Hr, sm!wt Nbtty mry(t-f) ht Hr s! nswt (n ht-f) smrt Hr..... ending with the name of Meresankh III.

The room was entered by a wide entrance from room a divided by two pillars into three entrances: after the decoration of room a, the two side entrances were blocked by masonry and on each side of the remaining middle doorway a door-post was inserted which undoubtedly bore the leaves of a two-leaf wooden door.

Objects found in the Meresankh Rock Cut Tomb in Debris:

In the floor debris of room a were found 27 fragments of statuettes and in the upper debris of the shaft was found another making 28 fragments: these were found to represent five statuettes with a few frags. left over: these statuettes may have stood originally in the cubicle (serdab?) in the southern rock cut wall of the outer court ~~XXXXXXXXXXXX~~ concealed behind slabs set in the opening:

1) Pair statuette of Hetep-heres II and Meresankh III: hard yellow limestone: h.ca. 59.0 cm.: composed of about 12 frags. registered under 27-4-963 and 964: standing figure, Hetep-heres II, a little taller, on the observer's left and Meresankh III on her left: Hetep-heres has her left arm around the neck of her daughter with her left hand on the left shoulder of the smaller figure; her right hand hangs open at her side as do both hands of Meresankh III: on the top of the basis is an inscription partly restored but certainly reading m;it Hr-Sm;wt Nbtj Htp-hrs on the left and s;t-s hmt nswt mr;t-s Mr-s-cnh see Dunham, Bulletin of Museum of Fine Arts (Boston), Vol.XXXIV, No.201, Feb.1936. See Smith op.cit.Pl.16 c.

2) Standing statuette of Meresankh III: hard yellow limestone: three fragments incomplete registered under 27-5-7(head), 27-5-3 (the legs and pilaster) and 27-5-18 (the feet and front part of the basis: found in the shaft): the torso with hands from knees to neck is missing): full wig: hands probably hanging open at sides: on the top of the basis is inscribed Mr-S-cnh on the back of the pilaster is an inscription, (1) horizontal line marked off by incised lines (1) m;it Hr-Sm;wt hts Mr-s-cnh; three vertical lines ~~xxx~~ separated by incised lines: (2) ln s;-s smsw (3) s; nswt n ht-f, (4) Nb-m;jht lr n-s;

3) Servant statuette, a brewer: white limestone: h., 25.5 cm.: Reg. 27-5-6 (4 frags): head, arms, and part of basis missing: man standing bending forward pressing muSh through basket seive into beer basin:

4) Servant statuette: woman squatting with basket on her lap: white limestone: h., 24 cm.: 27-5-4: head and part of base, missing: basket and arms, damaged.

5) Servant statuette: butcher: white limestone: h., 19.5 cm.: broken and incomplete: 4 frags.: squatting on ground with one knee up and right hand extended holding a knife (slaughtering?): 27-5-8:

6) Other frags. as follows:-
27-5-5: w.lst.: frag. showing base and feet of small standing figure, probably servant statuette: the piece was made separately and attached to rest by means of two pegs: feet painted yellow.

27-5-9: frag. of white lst. with part of a worked surface: 17 x 13 x 6.5 cm.

27-5-14: w.lst.: two frags. of basket (painted yellow) from a servant statuette: h., 1.5 cm.: diam., 11 cm.: h., 0.5-0.8 cm.

27-5-13: w.lst.: part of an arm broken off a statuette (servant?): 5.6 x 2.5 x 2.3 cm.: traces of red paint. Mixed in the same debris were found the following:

27-5-10: alabaster: two large frags. of flat topped circular table with diam. of over 30 cm.: these were part of the alab. table (stem and middle part of top) inset in a block of white lst. and found in the upper debris of Shaft A: this stone-table probably stood in front of one of the ka-doors.

27-5-15: RP: frag. from rim of bowl with recurved rim: 7 x 3.3 and 0.6 cm. thic.

27-5-16: frags. of ox-bones: probably from the chamber of A.

*Statue in MFA reconstructed
No. 30.1456
30.1457*

"27-4-963" is officially registered as "27-4-963a, 27-4-963b, and 27-4-963c."

not drawn

*Primarily in Debris
Back of figure in
clark.*

*28-5-20
G75210*

Decoration of RC Chapel of G 7530: Meresankh III:-

Facade Panel: an incised vertical line on each side, close to the doorjamb:

(N) inscription with signs facing ~~to~~ in to left: s;-t nswt Mrs-cnh h;t sp l ibd l Smw hrw 21, k;-s htp hp-s r wcb-t

① "The Kings daughter Meresankh: year 1, month 1 of the Shemuw-season day 21: her ka was at rest (and) she went to the house of purification".

(S) inscription with signs facing to right, hm-t nswt Mrs-cnh: ht h;t sp l ibd 2 prt hrw 18: hp-s is-s nfr:

② "The king's wife Meresankh: year after the year 1 (i.e., year 2) month 2 of the Prt-season, day 18: she went to her good tomb".

The elapsed time between her death, recorded on the N and her burial recorded on S, was 274 days.

I would place these dates in year 1 and 2 of Shepseskaf.

③ Outer doorwayL architrave: incised horizontal inscription

m;it Hr-ST wrt hts nbtyht Hr wrt hswt hm ntr Shwty smrt Hr mryt-f s;-t nswt n ht-f hm-t nswt Mrs-cnh: signs face to right.

③ Outer entrance: drum: inscribed with incised signs facing to right

m;it Hr-St wrt hts hm-t nswt Mrs-cnh.

Outer Entrance: N Door-jamb:

✓ Large figure of Meresankh standing facing out to right: lappet wig, long tunic: left hand on breast and right hanging open (actually left hand): behind her stand two female attendants each in a separate register: the upper figure bears a box on her head: the lower figure with fly-whisk in left hand and fan over right shoulder:

④ In front of queen are two short registers on men bringing in live animals: in the upper register, a man labelled hm-k; Rri, pushing in a hyena to left: in the lower register a man dragging in to right a resisting oryx. Detail Smith op.cit., Pl.47a.

At the top of the jamb, a large crouching Anubis facing out to right: over it, hnty sh ntr and before it dy nswt htp: under the Anubis a horizontal line, below which is incised horizontally, hnt špsst hr ntr c; nb.....

Below the Anubis scene and over the queen are three vertical lines of inscription facing out to right, (1) m;it Hr-St s;-t nswt, (2) wrt hswt hm-t nswt (3) Mrs-cnh.

Outer Entrance: S doorjamb:

✓ Large figure of Meresankh standing facing out to left: lappet wig, long tunic, collar and necklaceL holds flower with right hand to her nose and left hand (actually right) hanging open at side: behind her again two female attendants one above the other: the upper girl has a flap-fan in right hand and carries on left shoulder a round topped coffer.

⑤ In front of Meresankh, Khemten, facing to right, holds up sheets of papyrus long vertical line in front of Khemten is continued by three vertical lines ending behind his head, (1) rdy ss n hmw (2) r m;it in (3) imy-r; hm-k; (4) wcb nswt im;hw hr nb-f Hmtn. "presentation of the accounts of the craftsmen by the overseer of the funerary priests, the purifying priest of the king, the one honored before his lord, Khemten".

At the top of jamb is again the crouching Anubis facing out to left: over it, imy-wt nb t;-dsr: in front, dy nswt htp and horizontally under it, hnt špsst hr ntr c; nb t; dsr.

Under this and in front of queen (above Khemten inscription) are four vertical lines with signs facing to left: (1) m;it Hr-St wrt hts (2) smrt Hr mryt-f (3) ht hr hmt nswt s;it nswt (4) Mr-s-cnh.

Room a, West Wall:

S end of wall, south of the entrance to room b: shallow ka-door in shallow recess with architrave above.

Architrave: inscribed with two horizontal lines, incised signs facing to right, not separated:

(1) dy nswt htp dy Inpw htp hnty sh ntr krs-t m smyt imntyt.....

(2) m wp rnpt tp rnptw!g monthly and half monthly and Mr-s-cnh vertically across both lines.

Tablet: Meresankh seated at table of bread, facing to right (conventionalized): the chair or throne has lion ~~represent~~ represent on the side, sitting with straight fore-legs forming the front leg of the chair: Meresankh III wears lappet-wig, long tunic: left hand on breast and right hand half extended open palm down: across the top, horizontally s!t nswt n ht-f mryt-f hmt nswt Mr-s-cnh under this the inscriptions in vertical lines on the right, facing right smrt Hr mryt-f tyst Hr srt hts ht Hr hm ntr Dhwtly hmt nswt Mr-s-cnh: under the table is an ideographic list (mnht, ss, hnkt, t!).

Cross-bar: inscribed m!! Hr-Sts!t nswt mryt-f hmt nswt Mr-s-cnh.

Drum: and panels below are not inscribed.

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Wall S of ka-door: two registers each bearing one standing figure of which the upper figure is smaller: above, man standing facing to right, with left hand extended palm up and right hand hanging (hry wdb attitude): below, larger figure of man standing facing to right, short wig, short skirt: left hand stretched out with palm down: in right hand a roll of papyrus labelled rh nswt imy-r! pr imy-r! hm-k! ss im!hw Hmtn: in front of him on ground a cylindrical roll-case:

On the wall above the architrave: a row of offerings, picture ~~list~~ list, bread, cakes and jars): probably the upper figure on the S is calling this list.

The figure of Meresankh north of the ka-door belongs to the decoration of the S doorway to room b (see below).

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Room a, W wall: the doorway to room b: on the pillar dividing the doorway to b is a standing figure of Meresankh facing to left and on the S side of the doorway (N of the ka-door) is a similar figure of Meresankh, facing to right:

On S side next to ka-door, Meresankh standing facing to right: lappet wig, long tunic, dog collar, necklace; bracelets and anklets: right hand hanging open: left hand open on breast: behind her three female servants in a vertical row:

- (1) carrying long case over her shoulder.
- (2) with bax on her head and staff in her left hand:
- (3) with sistrum in her left hand and a small sack in her right hand: in front of queen a vertical line of signs facing to right, m!! Hr-St wrt hts hm-ntr nbty-b!-p-f () Mr-s-cnh.

On the E face of the pillar north of the doorway to b:

Meresankh, standing facing to left; bead garment, lappet wig right hand open on breast: left hand hanging: inscription in vertical line in front of her, m!!t Hr-St wrt hts ~~list~~ ~~list~~ hm ntr Ht-hr nb Iwnt, hmt nswt Mr-s-cnh.

/nbty

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W Wall north of double entrance to room b:

Family group, Queen Hetep-heres II, Queen Meresankh III Prince Nebemakhet and ~~other~~ other children:

- (1) Standing figure of Hetep-heres II, facing in to left clad in double peaked tunic, natural hair (colored yellow with red lines), necklace and anklets, hands open crossed on breast and covered ~~with~~ by garment: in front of Hetep-heres is a vertical line, with signs facing to left: mwt-s m!! Hr-St wrt hts ssm i!mt shm pr hmt n nswt Htp-hr-s.

- (2) The next large figure, to the right, is Meresankh III, standing facing to left: clad in long tunic, overlaid with a panther skin, natural black hair, short: dog collar, necklace, bracelets: right hand closed on breast holding a fly-whisk and left hanging open: above her are five vertical lines with

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with signs facing to left:

- (a) s;-t-s nt ht-s s;t nswt nswt m;;t Hr-St Mr-s-cnh
 - (b) wrt hts wrt hswt.
 - (c) hm ntr Dhwtj smrt Hr.
 - (d) sm;wt Nbtj mry(t-f).
 - (e) hmt nswt mryt9f Mr-s-cnh.
- Smith op.cit., Pl.44 a.

- (3) The third large figure is Prince Nebemakhet, standing to right of Meresankh and facing to left: full wig necklace, bracelets, hry-hb sash and short skirt: right hand half extended open with palm down and left hand hanging with handkerchief: over his head two vertical lines with signs facing to left,
 - (1) s;-s s; nswt n ht-f hry hb hry d;d;.
 - (2) Nb-m-!ht.
- (4) Small girl sitting on her feet immediately behind figure of "etep-heres: clad in long tunic and bandeau around head: holds up a fan(?) or whisk(?) in right hand and has her left hand on her right shoulder: no inscription: probably a servant.
- (5) In front of Meresankh, stands a naked boy with side lock and necklace; faces to left but with head x turned back towards Meresankh: holds a lotus to his mother in his left hand and holds in right hand a live hoopoe by its wings: labelled Hnt-r-k;.
- (6-8) Behind Nebemakhet, stand three naked children in three registers arranged vertically:
 - (a) above a boy with finger of right hand on his mouth: necklace: with left hand hanging.
 - (b) girl holding hoopoe by wings in right hand and left hand hanging open.
 - (c) boy with finger of right hand in mouth: left hand hanging open.

W Wall: architrave over the double entrance to room b, extending from above the head of "etep-heres on the N to above the head of Meresankh south of the doorway: two horizontal lines of incised inscription with signs facing to right:

- 8471 (1) (2) (3)
- (1) above, dy nswt Inpw htp hnty sh ntr nb krst m smyt imnty t hp-s m htp hr w;wt nfrt hppt im;hwt hr-sn i;w nfr n-s hr ntr c; prt-r-hrw n-s t; hkt psn m hb nb monthly and half monthly feasts w;h n-s dbht rc nb Mr-s-cnh ~~vertical~~ vertically across both lines.
 - (2) mwt-s s;t nswt m;;t Hr-St Htp-hr-s s;t-s m;; Hr-St wrt hts ht Hr smrt Hr mryt-f tist Hr sm;wt Nbtj mry wrt hswt hm ntr Dhwtj s;t nswt hmt nswt Mr-s-cnh.

Room a, North Wall: two pillars and architrave: the middle doorway was altered by the insertion of a stone lintel when the two side doors were blocked and a wooden door set in the middle doorway:

- ✓ Eastern Pillar: in relief, stands Meresankh facing to left: short hair, long tunic, wide necklace, bracelets and anklets, dog collar: right hand open on breast: left hand hanging open at side: above her head, four vertical lines with painted signs facing to left:
 - (1) s;t nswt nt ht-f.
 - (2) m;;t Hr-St.
 - (3) smrt Hr.
 - (4) Mr-s-cnh.
 in front of her is a naked boy painted on later, standing facing to left with wide necklace, arms hanging at sides, labelled s; nswt n ht-f Rc-dw;½

- Western Pillar: in relief standing figure of Meresankh facing to right: clothing and attitude as on E pillar but reversed: above her four vertical lines, facing to right
 - (a) s;t nswt nt ht-f: (b) tist Hr (c) ht Hr. (d) Mr-s-cnh
 again a boy in front of her, painted on later: standing with body facing to right but with head turned back towards his grandmother: with finger of right hand on his lip: labelled s; nswt n ht-f N-wsr-rc (in a cartouche -cnh.

Old lintel over middle doorway: m; Hr-St Mr-s-cnh. ^{N_o}
 Later lintel over middle doorway: s;t nswt nt ht-f hmt nswt
 Mr-s-cnh.

Lintel over W doorway: smrt Hr mryt-f Mr-s-cnh.

Lintel over E doorway: m; Hr-St Mr-s-cnh.

Architrave across whole wall: horizontal line of words written vertically with signs facing to right but the first sign on the right, Inpw faces to the left: dy inpw htp nb t_h dsr krs-t-s nfr hr ntr c;p_rt-r-hrw n-s m hb(nb) ~~rc~~ nb iht nb nfrt m nswt dy htp w;h n-s wdn stp n stpt i;wt nfr spsst hr Inpw hnty sh ntr.
 blocked border in red.

Room a, South wall: the wall is divided into two scenes, an offering scene above and a picture list of funerary furniture below
 Offering scene above: Meresankh seated facing to left: on a block ~~XXXX~~ throne decorated with papyrus plant: clad in long tunic and-wig: holds in left hand coiled stem of lotus and in right hand another lotus held to her nose: rest obliterated: squatting on ground in front of her, a small girl with hands crossed on breast: in front of chief figure is a picture list of offerings in five horizontal lines separated by horizontal lines in relief: rows of offering,-
 (1) cooked geese on tables, lotus, meat, etc.:
 (2) vegetables and fruits on tables:
 (3) rectangular table with vegetables, etc.
 (4) nearly obliterated.
 (5) offerings on a rectangular table:

Intruded in the W end of the lowest line is a dog facing to left close to the squatting girl and he belongs to the chief scene not to the picture list.

On the left of the picture list are three registers of figures facing to right.

- (a) three men on right, standing facing to right, all with arms crossed on breast and hands on shoulders: then follow ten squatting men (4-13): Nos.4-6 have right hand on left shoulder and left hand grasping the right fore-arm: Nos.7-8 have the same position with the hand reversed (right hand grasping left arm): Nos.9-13 have the left hand closed on breast and the right extended palm down.
- (b) nine men bearing offerings to right: Nos.1-2 bring a table of food: Nos.3 with cooked goose on skewer: No.4 in one hand a basin on a stand and rest not clear: labelled hm k; ~~hm~~-tsw: No.5 holds up two beer-jars: No.6-7, obliterated: No.8 carries live goose: No.9 holds three ducks in each hand by their necks: No.10 holds hyena in his arms.
- (c) twelve men: Nos.1-2, standing facing to right, holding out hide with tail or similar: No.3 with haunch of beef: Nos.4-5, cutting up a bull: No.6, sharpening a knife: Nos.7-8, cutting up a ~~bull~~ second bull: No.9 sharpening a knife: Nos.10-11, two men dragging in an oryx: No.12 carrying a young gazelle in his arms.

Furniture scene, below:

On the right a figure of the ss ~~kdwt~~ Rh;y painting a statue of Meresankh: the man and the statue stand on a base line a little higher than the main scene.

To the left of this, on a platform stand a bed-canopy with two servants making up the bed.

To the left of the canopy, the wall is divided into two subregisters:

- (a) servant facing to left laying a fly-whisk on an arm-chair (with lion under arm): then a carrying chair resting on ground and a servant is laying a pole on the chair and a fan is leaning against the back of the chair: then a woman carrying in her right hand a flap-fan and in her left a sack: then a ~~man~~ carries a long box (curtain-box?): then two women carrying a chest on their shoulder: under the chest is a monkey on a leash: finally two women, one behind the other, each carrying a tray on her head.

Two women carrying a box resting on poles:

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*L No. 1 is labelled
 kyp sh hm-k3 -Rr*

(b) begins with pieces of furniture and continues with about 12 figures bearing other pieces: (1) long rectangular box (table?) on which stand a round topped box, a square box (on which stands a head-rest), a large rectangular chest on short legs, a tall colthes bag (with calf's head); a long box on which stands a high table (on table, a fly-whisk): then two women carrying between them a shrine: three women carrying unidentified objects: woman bearing a gray on her head; No.6-7 also carry something between them: No.7, a female dwarf bearing something on her head: the rest is illegible (badly damaged) (perhaps five women).

This lower scene appears to continue the lower scene on the S end of E wall.

Below these two scenes are the three statue-niches (mentioned above) with figures of squatting scribes, Khemten Khemten-sher and the four sons of Khemten-sher.

Room a: E Wall, south of entrance doorway:

Five registers: two with boating scenes and three with scenes of craftsmen at work.

1) Topmost register: two boats proceeding to left:

(a) First boat: ~~xxxxxx~~ a ship with prow missing having been on a stone now torn out of place: of the usual flat bottomed wooden type as in Reg.2: rowed by at least four oarsmen(6?): in the middle sits Meresankh in carrying chair with a woman standing behind: two steersmen each with long steering oar.

(b) second boat, papyrus raft paddled by three paddlers: just in front of first paddler, stands the lookout or plot with body facing the stern but with face turned to look forward, holding in right hand a stick stretched to boat in front: in the middle sits Meresankh on a throne smelling a lotus flower: in front and facing her a little maid with fly-whisk: behind the queen a woman holds a sunshade over the queen: one steersman with long steering oar.

2) Second register: two ordinary wooden boats with long shelter: the first rowed by 11 men and the second by 8 men: proceeding to left.

(a) First boat: on prow man with long pole (pilot): second man squatting on top of long shelter: the back part of the cabin is shrouded in cloth: in front of the sheeted part of the cabin, stands a female figure with lappet wig, perhaps Meresankh: 11 oarsmen: three steersmen with long steering oars: the prow of the boat bears a animal head turned backwards.

(b) Second boat: like the first: with 8 oarsmen: animal head on prow: two steersmen at stern: in front of the sheeted part of cabin, woman facing forward and resting one hand on frame of cabin.

3) Third register: craftsmen at work:

(a) on right end, a standing statue facing to right: in front of it stands facing it a painter holding shell palette and painting with brush the statue: over him faintly visible as kdwt Rh,y.

(b) a seated statue of woman facing to right: in front of it the sculptor (gnwty(?) In-k!-f) working on statue with rubbing stone held in right hand.

(c) three men dragging a shrine with ropes to the right: the first man faces to left and the other two to the right: the shrine contains a standing female statue and rests on a sledge: the shrine is shown as if seen from the front with open doors: statue faces to left: to the left of the shrine, drawn partly over the door-leaf is the standing figure of a man facing to right holding a double bell-censer: behind another standing man steadies the shrine with his hands.

- (d) three men dragging a seated statue not in a shrine to right; another man in front of statue facing to left holds out double bell-censer.
- 4) Fourth register: various craftsmen at work (stone workers?)
- (a) two men polishing a granite sarcophagus: the second man stands on a platform or low box.
 - (b) a break enough to take a man at work.
 - (c) man bending over a rectangular object (perhaps a wooden coffin).
 - (d) man squatting facing a ka-door.
 - (e) man striding to right and the rest of the wall is too obliterated to be interpreted.
- 5) Fifth register: metal workers and men covering furniture with gold(?):
- (a) wooden shelter supported on three (or three pairs) of posts: on left man squatting beating out sheet of gold: then four men in two pairs facing each other, smelting gold(?) with blow pipes.
- The register then divided into two subregisters:
- (b) in upper register, two men facing across a low stand
 - (c) in upper register: a round topped chest with a man squatting facing to left.
 - (d) two men facing squatting.
 - (e) in lower register: carrying chair on ground: on left man squatting facing chair: on right a man bending over chair, and facing to right.
 - (f) lower register: man squatting facing to right, with an indeterminable object in front of him.

6

Lower register

Room a: E wall, north of entrance: a composite scene with four registers on the south and consists of (a) a large figure taking the whole height of the four registers, (b) a swamp scene taking the height of the upper two registers, and (c) the four registers on the south of which the third and fourth run under the swamp scene:-

1

a) Standing figure of Ka-wa'ab, facing to left, with staff in right hand and handkerchief in left hand: drawn with short hair but adorned later by painting a full wig: broad necklace and string of beads and amulets; short skirt, bracelets and hry-hb sash; above six vertical lines of inscription with signs facing to left:

(1) (1)tf-s iry pcty (2) s; nswt ꜥ smsw n ht-f:
 (3) hry-hb hry d;d! (4) shm i!wt ntrt (5) 'Dw!w(Letopolis
 (6) K!wcb.

7

2

b). Swamp scene: Hetep-heres with Meresankh behind her, standing on a papyrus raft pulling papyrus-flowers: Hetep-heres plucks with both hands: Meresankh plucks with the right hand while her left is around the waist of Hetep-heres: standing in front of Hetep-heres is a small naked boy with his right arm around her leg and holding a lotus-flower in his left hand (faces to right) at the stern of the raft another boy holds a punting pole and had his leg twisted around the pole: Hetep-heres wears a lappet wig, long tunic, broad necklace and anklets: Meresankh has short hair with papyrus bandeau and is clad in beaded tunic, dog-collar, broad necklace, bracelets and anklets: on the right is a papyrus swamp nearly obliterated by rain water entering from window at top of wall: inscription partly horizontal and partly vertical: mwt-s s;t nswt bity Hwfw, and horizontally, wrt hts Htp-hr-s s;t-s mryt-s and continued vertically, m;!t Hr-St wrt hts Mr-s-eh: the inscription continues to the left in five horizontal lines:

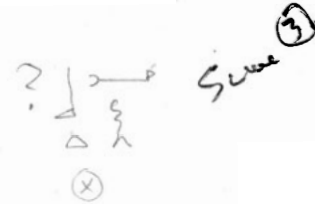
3 goes with Htp-hr

(4) sss-ꜥ-s w;d n Ht-Hr m phw hnc mwt-s m!;-sn iht nb nfrt nt-t m Mht-1w(?)

"She plucks the papyrus of Hathor in the swamp together with her mother and they behold all the "good things which are in the Delta".

c) Five registers of various kinds:

- (1) top register: procession of 13 estates proceeding to left: (a) female. hbt-Hwfw: (2) male, Mtn-Hwfw (3) female, Hwfw-nfr-htpt: (4) male, Df-k-Hwfw: (5) female, irt-rc-ddf: (6) male, ldb-Hwfw: (7) female, b;-sht-Hwfw: (8) male,Hwfw: (9) female, Wrt-Hwfw: (10) male, Hwfw-mn-hr-1st-Hr: (11) female, shty-Hwfw: (12) male, lw-Hwfw: (13) male, Pr-h-t-k!.
Detail op.cit, pl.49 a.



- (2) bird trapping scene with two subregisters on the right: chief scene, the springing of the bird trap by five men pulling the rope: another man gives the signal with a white cloth and a third man gathers the birds from the trap: the net is spread over a pond and the man gathering birds is wading in the pond outside the net: on the left, a man walks to right, holding a bunch of ducks in each hand: behind this man on the right, are two subregisters:



Swamp 4

- (a) upper register: man facing to right, tying bunches of papyrus labelled sš w!dt mhy: two men facing weaving a mat, and two men facing tying a mat, labelled wh! kni.
- (b) man putting birds in a crate: two men facing and plucking birds.



- (3) third register: begins on left under swamp scene:
 - (a) man leads a crane to left holding its beak:
 - (b) crane walking alone:
 - (c) three geese walking also to left.
 - (d) herdsman leads a bull, labelled st...iwe....
 - (e) man leads in a stalled ox to left, labelled
 - (f) man leads a calf, labelled
 - (g) man leads a calf, labelled
 - (h)

innat a spst m list 900

- (4) Fourth register begins under swamp scene and the cranes: from left to right:
 - (a) four papyrus rafts proceeding to left, prt m s! hnc nhbt in mhtyws. in. in. N. S. ht. n. k. n. k.! first raft bears a heap of bird-crates and a crew of four including an overseer of which the third man is poling the raft and the 4th man threatens with a papyrus bundle the first man of the second raft: the second raft is empty and bears a crew of three of which the first is paddling and the third man on the stern in punting: the third raft had no cargo but bears a crew of three: the fourth raft has a crew of four: the crews of the third and fourth rafts are engaged in a struggle for precedence: the second man of the fourth raft grasps the stern of the 3rd raft while the first man is engaged in a fight with the whole crew of the 3rd raft: the last man of the third raft grasps the ankle of the first man of the 4th raft who is being attacked with paddles by the first and second man of the 3rd raft: the third man of the 4th raft squats holding his own paddle and that of the second man: the fourth man of the fourth raft is poling that raft.
 - (b) a man standing facing to right labelled hk! n niwt, leaning on staff overseeing ramp trampling in seed driven by four men with whips: to the right is a man sowing seed followed by a man with a sack of seed carried on his back: sk! m sht 2) stt. prt.

Room a, on top of all four walls: a decorated border showing a conventionalized flower (lotus?).

Room b West Wall:

19
 In middle of wall a shallow ka-door in a shallow recess: tablet obliterated, woman seated at table: crossbar inscribed with titles and name, nearly obliterated s;t nswt nt ht-f? m!;t Hr-St Mr-s-cn^h, rest blank; across the top of the wall (architrave) runs a horizontal inscriptions with large incised signs facing to x right; nswt dy htp dy Inpw htp nb t; dsr hnty sh ntr krs-t nfr m smyt imntyt ihp-s m hryt-ntr m nb im!h hr ntr c! nb krst prt-r-hrw n(?) -s m i(m!ht).....
hmt nswt:
 (2) m.....prt-r-hrw im n-s m wp rnpt tp rnpt Dhwt^{yt} w!g skr hb nb wr rkh prt-Mnw monthly and half monthly feasts, n s;t nswt nt ht-f m!;t Hr-St Mr-s-cn^h.
 On each side of ka-door is a statue-niche containing two female figures standing (see above).
 On each side of this central arrangement of ka-door and statue-niches, the wall at N and S end is covered with a shallow palace facade panelling.

Room b, North Wall: offering scene:-

21
 On the left, a larger figure of Meresankh seated facing to right: lappet wig and long tunic: left hand extended closed holding x (coiled stem of lotus?) and right hand holding lotus to her nose(?): in front of her a vertical inscriptions with signs facing to right, wrt hts s;t nswt Mr-s-cn^h;
 In front of her ~~are~~ are two other registers (3-4):-
 1) Upper register: (a) man standing out a bird in both hands: (b) standing holding pair of birds in each hand: (c+d) two harpists: (e-f) two flute players: (g) male singer, squatting like the musicians: (h) standing man carrying a calf in his arms: (i) man bearing ~~platter with meat~~ ^{box}.
 2) Second register: (a) man kneeling on left knee holding out two small nw-pots, one in each hand: (b) standing holding cooked goose in right and conical cake in left: (c) four dancing girls (kicking back with left foot), with left hand on hip, and right hand uplifted) (d) three girls singing standing with right hand outstretched palm up and left hand on hip): (e) three women standing clapping their hands.
 3) Third register, under whole scene:- the left side of the register is obliterated and illegible: under the first figure of register 2, stands the first visible figure in register 3: (a) standing with two upraised beer(?) -jars: (b) standing with bird in right hand and supports baskets of cakes on his head with left hand: (c) standing, with duck in right hand and on left shoulder a tray with a conical cake(?): (d) standing also with tray with cake on his left shoulder and holds x with his right hand against his breast: (e) basket of cakes with pictures of various cakes, on space above the basket: (f) a man bending over another basket also with pictures of cakes on wall above it: (g) a woman facing to right and a man facing to left pick up a basket of cakes: (h) to the right of this is a picture list of offerings in three horizontal lines, (1) cakes, (2) cakes and basins, and (3) wine jars.
 4) nearly obliterated on the left: (a) man standing facing to right (overseer?): (b) two horizontal rows of wine-jars: a man facing to left is filling last jar of lower row: (c) man bending over large jar with his hands inside (preparing jar for filling): (d) standing man (overseer?) facing to right: (e) in front of him, five small scenes: (1) upper part of register, man squatting on ground forming bricks(?) and above this bricks(?) set to dry(?): (2) below No.(1): girl grinding grain(?), labelled ir(i) n-k hsb: (3) larger figure kneeling on one knee with left hand-outstretched to fire, head turned back to left and right hand stretched

NO! Lotus is certainly not held to nose, but over lap. FOA '39

rather over her lap

??

19 in rows
5 rows =
95 compartments

out touching back of figure in scene No.2, labelled, wn tniw nnt;: to the right of him as an oven(?); and beyond that another oven(?) and scene (5): (4) above the ovens in scene (3) is a man or woman squatting on ground: sifting grain or flour: facing to right: and a woman on knees grinding grain, labelled m rdyt ss: (5) continues scene (3) to right: man or woman squatting on ground before an oven, facing to left.

Room b, South Wall:

above an offering scene and below a judgement scene:
Upper Scene: on right Meresankh seated facing to left: at table of bread: wears a lappet-wig and long tunic: left hand half extended to table, her right hand is also extended but is obliterated as far as the elbow: above the table and in front of her face are four vertical lines with signs facing to left: (1) m; t Hr-St..... (2) Tyst Hr hm ntr Ht-Hr (3) smrt Hr mry (4) Ht Hr..... on the left of the table is a large compartment list of offerings.

To the left of the compartment list are two registers of figures facing to right:-
(1) upper register, (a) man kneeling on right knee, right arm bent at elbow with palm up and left hand extended with palm up towards list of offerings, labelled s;h-t in wt: in front of him a hieroglyphic list of offerings (beer, bread, cakes, and geese): (b) man kneeling on right knee both arms half extended, each holding a nw-pot.
(2) three men facing to right bearing offerings: (a) holding out a goose in both hands: labelled hm-k; hry hb Iry: (b) man holding a goose in his arms: (c) carrying a haunch of beef in his ~~ram~~ arms:

17

Lower Scene: judgement scene:
On the right is a larger figure squatting facing to left in front of him a scribe's case: the other figures face to right: the squatting man is probably Khemten the elder: to the left of the case, are five scribes squatting all in the attitude of writing: (c) a standing figure with a stick in his left hand while with his right he holds the head of a bowing man (d) four men squatting on the ~~ground~~ ground (delinquents): (e) man standing has his left hand on the head of the last squatting man: (f) a standing man.

Under list of offerings is one horizontal line of inscription running to left.....
hs hmt nwt Mrs - enk m hb vt nb
dt.

Above the scene runs a horizontal line of inscription with signs facing to right; badly obliterated: at the right end can be seen the name Hmtn: near the middle signs become again legible, det. crossed sticks hk;w followed by another long block: finally, .. pr-s dt m b;h imy r; pr int hk;w d;d;t m s;w.

Room b, East Wall: consisting of an unfinished scene north of doorway to room a and a small scene on the back of the pillar which stands in the entrance from a to b:

On the wall north of the doorway: wall plastered flat on the plaster an outline drawing in yellow (faded red) of three registers of a harvest scene:
1) upper register: two men carrying bag(?) of grain on a pole: followed by two others carrying a similar burden: all face to right.
2) Second register: on the right a stack of grain(?) and to the left, three figures winnowing.
3) stack(?) of grain: to the left a man scooping up grain in a container not identified: to the left are two other figures(?) very sketchily drawn.

22

Back of pillar in entrance: obviously inscribed after the death of Khemten the elder: on the left stands Meresankh facing to right wearing a lappet wig, collar and long tunic: right hand hanging open at side and her left hand holding a blue lotus to her nose: before her facing her stands Khemten-sher: wears short wig, necklace and short skirt and holds out a papyrus with both hands: above the

12

12

head of Meresankh are five short vertical lines of inscription (incised), (1) m; t Hr-St wrt hts, (2) s; t nswt nt ht-f (3) smrt Hr (4) hmt nswt mryt-f (5) Mr-s-cnh over Khemten is one horizontal and three vertical lines: (1) m; ss (2) imy-r; pr imy-r; hm-k; (3) nb im;h hr nb-f (4) ss Hmtn-sr.

Architrave over (24) not transcribed here see drawing.

23-25

Room c: see the description of the chapel above for the ten statues and the architrave inscription cut in the N wall: the other walls were not carefully dressed or decorated: a fault in the rock near the NW corner which appear also in the SE corner had been smeared with plaster: On the south wall near the SE corner were some figures, perhaps an account, written in black paint on plaster.

Shaft G 7530 A: the burial place of Meresankh III: excavated in the rock floor of room b of the chapel, in front of the ka-door: no other burial shaft was found in the mastaba G 7530+7540. Shaft, 2.04 x 1.94 m., -5.1 m. in rock: no lining above: but mouth of shaft probably covered with stone pavement after filling: found open and partly excavated. Chamber, type 4 a(1), on W: 4.66 x 3.12 m. and 1.98 m. high: area, 15.4 sq.m.: capacity, 28.79 cu.m.: Passage, 2.08 x 1.56 m. : ~~capacity~~ and 1.98 m. high: blocked with masonry bound with plaster, blocking type II b(1), but nearly destroyed: the thieves had dammed back the shaft filling temporarily with rubble. Coffin: black granite sarcophagus of type f(p): stood N-S along the W wall of the chamber near the N end : 2.16 x 0.87 m. and 0.795 m. high (0.975 m. including lid) cavity, 1.835 x 0.55 m. and 0.58 m. deep: the box is decorated with simplified palace facade panelling with six simplified ~~palace facade panelling~~ "doors" and seven simplified panels on each long side and with three doors and four panels at the ends: each corner is bounded on each side by a panel: around the top of the box on all four sides is a horizontal rounded molding, 5 cm. wide and projecting 1 cm. but this does not ~~run~~ continue down the sides at the corners. A narrow (5.5 cm.) projecting (1 cm) base band runs around on all four sides under the panelling. The lid is flat on top and has a lightly marked hollow cornice ~~xxxxxxx~~ around the top on all four sides: the underside of the lid is rebated so that the projecting part set in the cavity of the box: there was lid-ledge in rock wall on W but a bank of rubble had been constructed between the box and the wall to support the lid before closing the ~~the~~ coffin: the lid had two rough projecting handles on ~~the~~ each end.

or is it red

inscriptions on coffin have got

p. 78. bottom
67 530

Inscriptions on the coffin: East side, at the top, a horizontal line with signs facing right, m33t Hr Sth wrt hts, wrt hswt, hrp s'smt i3mt hm ntr B3-f(?), sm:wt nb.ty mry, s3t nswt nt ht.f mrt.f Htp-hr-s

X E. side, vertical line at N. end, di n (i) n s3t.(i) hmt nswt Mr-s cnh:vertical line at S.end, identical with N.end. W. side, horizontal line with signs facing right, m33t Hr Sth wrt hts wrt hswt etc, identical with the horizontal line on E.side. N.sédá, at top horizontal line with signs facing right, tist Hr, smr Hr, hm-ntr t3sh, s3t nswt Htp-hr-s., S.sédá, at top, hm ntr Dhwtj, (imy)ht Hr, hmt nswt mrt.f s3t nswt Htp-hr-s.

Handwritten symbols and a star-like mark.

Handwritten symbols including a horse, a person, and various geometric shapes.

Handwritten symbols including a vertical line and wavy lines.

Handwritten symbols including a person, a bird, and various geometric shapes.

Handwritten symbols including a vertical line and wavy lines.

Handwritten symbols including a vertical line and a triangle.

Handwritten symbols including a star-like mark, a person, and various geometric shapes.

Handwritten symbols including a vertical line and a triangle.

In both east and west

Handwritten symbols including a vertical line and a triangle.

Canopic Pit, partly sunk in rock and partly built of rubble: south of the SE corner of the coffin: 0.7 x 0.68 m. and 0.48 m. deep: this probably contained the four limestone canopic jars found in the chamber: one jar was in the canopic pit, two others were just outside (one on the N and one of the W) and the fourth was in the NE corner of the chamber.

Burial: dismembered by plunderers: most of the bones were found scattered on the floor of the coffin but a few were on the floor outside: almost complete: examined by Dr. Berry and stated by him to be a woman of about 55±3 years (52-58 years old): deposited with the other royal remains in the Cairo Museum together with the coffin.

Objects found in shaft and chamber of G 7530 A:

The shaft was found not completely filled: the debris sloped down from about 50 cm. below the E side of the shaft to nearly two meters on the west: apparently after plundering the thieves had raked into the shaft the debris they had excavated with part of the floor debris of the chamber: I judge that this was done at the end of the O.K. before the cemetery had sanded up but certainly not in the Ptolemaic Period: in the disturbed debris near the top was found:-

27-5-10a.: a block of white limestone in the top of which had been inserted the stem of a circular alabaster table with the top rested on the top of the block: both block and table badly broken: inscribed on top of table,

no inscription shown in 050. REG. →

see p.68: 27-5-10a.

27-5-18: yellow limestone: fragment of a statuette of (part of the base and feet) part of the statuette No.27-5-3, with name Meresankh incised on top of base.

~~27-5-18~~

not drawn 27-5-19: black granite: frag. of indeterminable object 15.8 x 12.5 x 6.0 cm.

✓ 27-5-20: copper: three frags. of small saucer: d.ca.5 cm.: h.ca.1.8 cm.

Found in the chamber: which was practically free of debris:

27-6-1: w.lst.: canopic jar with domed lid: h., 24.8 cm.: d.rim, 10-12.7 cm.: d.body, 15 cm.: d.base, 9.5-10 cm.: depth, 21.5 cm.

not drawn

27-6-2: w.lst.: canopic jar with domed lid: h., 24 cm.: d.rim 13 cm.: d.body, 16 cm.: d.base, 10.2 cm.: depth 20.5 cm.

27-6-3: w.lst.: canopic jar with domed lid: marke of tube borer in bottom: h., 23.2 cm.: d.rim, 14 cm.: d.body, 20.3 cm.: d.base, 13 cm.: depth 20.1 cm.:

✓ 27-6-4: w.lst.: canopic jar with domed lid: h., 24.0 cm.: d.rim, 12.6 cm.: d.body, 15.6 cm.: depth, 22 cm.: d. d.base, 9.6 cm.:

These four jars would have required a maximum cavity of 36.5 x 36.5 cm.: and 0.27 cm. deep: the canopic pit measured 0.7 x 0.68 cm. and 0.48 m. deep: the greater size of the pit indicates that the jars were contained in a wooden canopic chest set in the pit which was probably covered a stone slab.

✓ 27-6-5: copper: model saucer, oxidized: d., 4.3 cm.: h., 1.0 cm.: with round bottom.

✓ 27-6-6: copper: adze blade frags.: the surface has a thick green patina but the breaks have only red oxide patina: long blade with back end in disc-form: l., 16 cm.: w., of cutting edge, 3.3 cm.: min. w., 1.5 cm.: w.of round butt, 2.1 cm.: th., 0.5 cm. with patina.

not drawn

27-6-7: copper of saucers and implements: not fitting together representing probably two or three saucers and two or three implements.

- not drawn* 27-6-8: mud: lumps of jar sealings: no trace of impressions:
- not drawn* 27-6-9: coarse RW: frags. traditional offering jar of type A-IV.
- AVIa? ✓ 27-6-10: RW, red wash: ovoid jar with roll rim, neck: type A-VI a, h., 16.7 cm.: d.rim, 5.4 cm.: d.neck, 4.6 cm. d.body, 11.9 cm.
- not drawn* ~~27-6-11~~ 27-6-11: coarse RW: traditional offering jar of type A-IV: part of rim and side: d.body, ca.20 cm.
- DXXXIX? ✓ 27-6-12: RP inside and outside: flat~~ly~~ bottomed basin with (2)? flaring concave sides and rim on edge: type D-XXXIX a: h., 10.7 cm.: d.rim, 33.6 cm.: d.base, 11.5 cm.: broken and incomplete.
- not drawn* 27-6-13: flint nodule: elliptical shape, with green copper stain on one side (used for sharpening copper blade): 11.1 x 8.1 x 5.2 cm.
- not drawn* 27-6-14: RP inside and out: frag. of bowl, shape not determinable: 4.0 x 3.5 x 4 cm.: obviously from a large basin
- 27-6-15: RW: frag. probably from large bowl: 8.5 x 7.5 x 0.9 cm
- 27-6-16: RW: three small frags. of bowls and a frag. of bone: probably from a jar of type A-IV.
- 27-6-17: RP. frag. from bowl with contracted mouth with rim painted black: 4.2 x 1.1 x 0.6 cm.
- ✓ 27-6-18: green(?) faience, faded: 45 cylindrical beads: x 1., 1.4 cm.: also bits of copper and tiny scraps of gold foil.

Street E of G 7530+7540:

Between the exterior chapel of G 7540 and the rock cut tomb of Meresankh III (G 7530), was an unfinished cutting in the rock, 3.75 x 1.25 m., and .085 m. deep; with sides ~~contracting~~ contracting slightly downwards: from the S end descended two steps (three rises) and at the N end the rock had been cut down but not to the bottom of the cutting: this cutting represented clearly the beginning of a rock cut tomb similar to the cutting for the exterior court of G 7530, but was near the middle of the street not on the E side: I assume that the workmen began cutting the rock cut tomb of Meresankh III here and were shifted to where we now have the finished tomb of Meresankh III.

The street north of the rock cut court of G 7530 has been altered by the cutting and construction of later tombs (see below after G 7520).

Against the N end of G 7530+7540, a stairway ascend from above the street level to the top of the core of G 7520: this stairway probably originally ascended from the street level but fell into disuse when the later mastabas were built.

G 7520: the N end of the original core similar in size and construction to the core of G 7650 and standing west of it: this end was left when the core G 7530+7540 was shifted to the south: the casing of the finished mastaba G 7530+40 was built in a trench across the old core.

See Figs..... Plan done A. F.

See Pls.....

Mastaba: core of massive masonry of type IV-i left on N: when G 7530+40 was cased: 17.5 x 16.2 m.: area, 283.5 sq.m.: prop. 1/1.08: not cased but later a num. 1st. wall was built on the W side of the street in line with the front of casing of G 7530+7540, and enclosing a narrow space along the E face of G 7520, core, containing two shafts and apparently part of G 7524.

unfinished

No Chapel

Chapel G 7520: no trace of a chapel was found but probably the rock chapel of G 7524 served all the shafts of the O.K. in this area.

Shaft G 7520 A: north of middle of core: 2.0 x 1.8 m.: -10.7 m. in rock: lined above with massive masonry, 3.2 m., ~~so~~: Chamber: type 3 cm, on S: 4.7 x 4.85 m. and 3.6 m. high; area, 22.32 sq.m.: capacity, 80.35 cu.m. Passage: with wider outer half, 2.2 m. long: N half, 1.7 m. and inner half, 1.0, . wide: height, 1.2 m.: Blocking: completely removed. Coffin: roughly built stone coffin: inside, 2.25 x 0.6 m. and 0.7 m. deep: covered with single flat slab: inside was found the bones of a disturbed skeleton.

7520 A

The objects found in the debris in the chamber were mostly of the Ptolemaic Period, but three limestone jar lids may have been from canopic jars belonging to the original burial.

Filling of shaft and chamber: the shaft had been cleared out in modern times and was found filled with disturbed dirty debris containing objects and frags. of the Ptolemaic Period: 27-2-275 to 285: faience: frags. of shawwabtis, vessels and amulets: in shaft. 27-2-286: frag. of purple glass from a bottle(?): modern: found in shaft. 27-2-287: red pottery: crudely modelled head of animal: h., 2.6 cm.: w., 2.8 cm. 27-2-290 to 294: frags. shawwabtis, faience vessels, flint flake and RW saucer: lower in shaft.

Found in the chamber:

- 27-2-341: limestone: three disc lids: diam. 15 cm.: thick, 1.6 cm.: probably from canopic jars.
- 27-2-342; 343: limestone: two rudely carved mortars or similar: Ptolemaic Period.
- 27-2-344 to 349: faience: frags. of shawwabtis, amulets and vessels of Ptolemaic Period.
- 27-2-350: RW potsherd from large vessel.

G 7520 and G 7530+40: Later Constructions:

When Meresankh III was buried in G 7530 A, the group of tombs consisted of the white cased mastaba G 7530+40 with its unfinished exterior stone chapel, the rock cut tomb of Meresankh III (G 7530), and the uncased core of G 7520, probably with the burial chamber of its shaft A already finished and perhaps already used: the rock cut court of G 7530 was entered by two flights of steps, one leading down from the south and other from the north: the southern stair was approached from the south probably by a path south of G 7650: the northern stair was approached from the north and the street in this direction must have been open to the avenue south of G 7510: further from the street north of the court of G 7530, a flight of steps was constructed leading up to the top of G 7520, perhaps for the burial in G 7520 A.

Before the excavation of the rock cut tomb, G 7530, the nummulitic mastabas, G 7550 and G 7660, had been built belonging to two brothers of Meresankh III, "prince" Dwanehor and "Prince" Ka-em-sekhem: the N end of G 7550 was enclosed by a rubble wall and at the east end the space between this enclosing wall and the exterior chapel of G 7540 was filled with limestone debris to bring the level up to that of the floor of the chapel of G 7540: from this platform a ramp (with rubble retaining wall on W and filled with limestone debris)

was made against the back of G 7660 and descended to the lower level of the street east of G 7550: the space between the E face of the exterior chapel of G 7540 and the back of G 7660, is very narrow and it seems doubtful whether the ramp was used for access to the rock cut tomb, G 7530: it may have been used for passage from the chapel of G 7550 to the chapels in the street G 7400 and G 7300.

This is the only mention found to date of a G 7624, presumably a rock-cut tomb just north of the the chapel of Meresankh III, G 7530-sub. This is either an otherwise unrecorded tomb, or (less likely) a mistaken reference for G 7524.

In Dyn.V, the rock of the street north of the rock cut court of Meresankh III was considerably altered and a rock cut tomb numbered G 7624 was excavated; about the same time the rock surface east of the core G 7520 was enclosed with a wall of u-masonry, G 7524 A-B: a little later and E-W wall was built on top of the rock scarp cut for G 7524 and completed by another wall on the north to form G 7524 C-E: in the N end of the rock cut court was then constructed the small mastaba, G 7525.

In the Ptolemaic Period a number of crude brick chapels were built on the top of G 7520 and over the debris filling the streets: the debris was penetrated by a large number of intrusive ~~xxx~~ shafts of this period: these had all been plundered and the plundering had continued down to recent times: as a result the surface debris on top of the mastabas and in the streets was strewn with fragments of faience, shawwabtis, amulets, and vessels as a well as pottery.

Intrusive Ptolemaic shafts:-

- G 7540 Q, R, S, T: south of mastaba G 7540 from W to E.
- G 7540 U, V, W, ~~(S)~~ ~~(Y)~~ along the E face of G 7530+40 south of the rock cut court of Meresankh III.
- G 7530 Z: was an ~~Q-R~~ shaft which cut into the roof of the rock cut serdab(?) in the south wall of the rock cut court of G 7530. and also shaft X in front of N subsidiary niche
- G 7520: L, M, N, in street east of G 7520 and south of the rock cut tomb G 7524: G 7520 N in the rock cut court of that tomb.

Note
 Only one shaft G.7540 U shown on Wheeler's plan along the E face of G.7540. Shafts W & V are situated south of G.7540. No trace of shafts S & Y. a.F. 19-8-41
 h Old Kingdom

G 7450: south of the line of twin mastabas which contained G 7410+20 and G 7430+40: west of the south end of G 7540 and in front of G 7350. On the top of the mastaba was/fragment of a block of white limestone, h., 16.5 cm., w., 15 cm. thickness ca., 5 cm.: 27-5-17: date incised vertically with traces of red color h;t sm; t;wy ibd 3 smw: and to the left, above, the letter w: this date is not necessarily connected with G 7450.

h a

See Figs..... Plan & section done a.F.

See Pls.....

Mastaba: massive core of type IV-iii: 50.8 x 18.0 m.: area, 914.4 sq.m prop.1/2.8⁸ with chapel recess towards S end of E face with offering room of type (3a) but without casing.

Chapel: interior chapel of type (3a) with single niche at S end of W wall: destroyed to stone pavement and reconstructed from construction lines scored on floor: 4.3 x 1.6 m.: area, 6.88 sq.m.: prop.1/2.68: entered by doorway in N end of E wall: width of niche, 1.0 m.: apparently rather shallow: no trace of decoration found: floor of chapel 0.8! m. above base of mastaba core.

Shafts in G 7450: two shafts on which A on north was used and B on south had no chamber.

Shaft G 7450 A: 2.05 x 2.05 m., -9.3 m. in rock: lined above with massive masonry, 5.1 m., .5.... courses.
 Chamber: type 3 a1, on S(unfinished): 4.25 x 5.35 m. and 2.75 m. high(where finished): area, 23.74 sq.m.: capacity ca. 75.28 cu.m.: floor uneven with lump of rock near middle.
 Passage: 2.25 x 1.05 m. and 1.05 m. high: blocked with good masonry set in plaster, broken through on E side: blocking type II b(1).

⊗ Height of the mastaba 5.80 m
 a.F.

Note
 Four walls of the chapel preserved up to 1.15 m. height, doorway is destroyed and there is no construction lines preserved.

a.F. 2/8/40.

Burial Pit
~~Coffin~~: the W side of the chamber was filled with limestone debris and in this was a burial pit built of num. ^{slabs} slabs: cavity, 1.85 x 0.75 m. and 0.55 m. deep: covering probably of one or more slabs not found. empty.

Shaft and part of chamber filled with disturbed debris which contained no objects (either ~~C. Kingdom~~ or Ptolemaic).

Shaft G 7450 B: 2.0 x 2.1 m.: ends at rock surface: lined with massive masonry, 5.1 m., ~~type 7 X~~: type 7 X, without chamber or any trace of burial.

Later Constructions:

Built in the street E of the N half of G 7450 is a late ^{C. Kingdom} mastaba numbered G 7451, built on the floor debris about level with the floor of the chapel of G 7450: the space ~~is~~ between it and G 7540 was walled off to form an open air corridor.

South of the mastaba, is a wide area filled with small mastabas of Dyns V-VI.

North of the mastaba, is the remains of a rubble enclosing wall, about 0.6 m. wide: and about 2.1 m. from the core: about opposite the middle of the N face of the core this enclosing wall turns at a right angle and ends against the core: from there eastwards it runs parallel to the similar enclosing wall of G 7430+40 but is denuded away after a distance of 4.1m

In the Saite-Ptolemaic Period was constructed a large c.b. chapel (Pt. VI) over the debris filling the street east of G 7450 north of chapel with two shafts 7450 X and Y of which X was a large communal burial place with about 30 burials and a large number of stone and faience amulets and faience ~~shawabtis~~ shawabtis.

Other Ptolemaic structures of c.b. less well preserved were shown by frags of walls; (1) on the mastaba between shafts A and B; (2) over the street between G 7450 and G 7440.

Intrusive Ptolemaic shafts were found: G 7450 Z penetrating the S end of the mastaba, G 7451: and G 7440 X and Y, north of that mastaba.

G 7350: in alignment south of the line of twin mastabas, G 7310+20 and 7330+40:

See Figs..... Plan only done A. F.

See Pls.....

N Name: No name; Hetep-heres II (?).

Mastaba: core of massive masonry of type IV-iii: 51.75 x 17.25 m.: area, 892.68 sq.m.: prop. 1/3.0: with interior chapel of white limestone in recess in core: cased with fine white masonry of sloping slabs (y-masonry): bonded with chapel: cased mastaba, 55.0 x 22.5 m.: area, 1238 sq.m.: prop. 1/2.4: built on rock surface descending to south so that the height is great at S end: average height, .52 m.

Masons and Quarry Marks:

On the backs of the white casing stones were found a number of quarry marks 11 on N and 3 on W:

The inscribed frag. 27-5-17 found on top of G 7450 ~~was~~ ~~probably~~ ~~came~~ ~~also~~ ~~from~~ ~~G~~ ~~7450~~ ~~was~~ ~~not~~ ~~cased~~; and probably came also from G 7350 as G 7450 was not cased; reads, ~~rnpt~~ sm't t;wy ~~3~~ ~~3~~ smw with a w beside it: if this ~~attribution~~ is correct then G 7350 was built in the first year of a king not named (perhaps, Shepseskaf or Weserkaf).

Another block in the N wall bore the sign w'd with a bird to the left, perhaps W'dt-Nhbt and with illegible signs below, perhaps bity(or nswt bity).

The other marks were unintelligible.

northern

h northern

Chapel: interior chapel of white limestone of type (3a) and subsidiary ~~niche~~ ^{niche} (monolithic) in casing: around the subsidiary ~~niche~~ ^{niche}: is an exterior c.b. chapel three rooms:

Room a: interior chapel of white limestone with plain compound niches in S end of W wall: 4.25 x 1.45 m.: area, 6.16/sq.m. prop. 1/2.86: plain compound niche at S end of W wall: outer recess, 0.95 x 0.3 m.: inner recess, 0.3 x 0.25 m. entered by doorway in N end of E wall opening in ~~embrasure~~ ^{embrasure} in casing, 3.35 x 0.3 m.: floor paved with stone on which the walls were built: this floor is, 0.76 m. above the rock outside the doorway: behind the niche is a small serdab: chapel walls nearly destroyed but apparently decorated.

Serdab: behind niche in W wall of chapel room a: 1.9 x ~~2.86~~ ^{0.9} m.: area, 1.71 ~~3.04~~ ^{0.9} /sq.m.: built on pavement of chapel: found open and empty.

Subsidiary N niche: a monolith set back in the casing wall: outer recess, 1.15 x 0.5 m.: inner recess, 0.4 x 0.4 m. stone floor of niche at 0.36 m. above rock.

Exterior c.b. chapel around N niche:

Exterior c.b. chapel of type (1c) resembling the old chapel of type (1a) in plan: consists of four rooms lettered a-d: measures on the outside, 12.1 x 3.05 m.: area, 36.9/sq.m.

a) offering room, 4.6 x 2.35 m.: area, 10.81/sq.m.: prop. 1/1.95: in the niche are the remains of two bowl stands: in front of this is a rectangular low c.b. platform on which rests a slab of alabaster (with rounded corners), measuring in the middle 1.47 x 1.35 m. and 0.20 m. thick: the top is slightly higher than the floor of the niche: on the south between the slab and the S wall of the room is constructed a solid stone bench 1.27 x 1.05 m. and 0.30 m. high with top level with top of alabaster slab: on the N of the slab and between it and the N wall of the room, stands an offering table consisting of a horizontal slab resting at each end on an upright slab, 1.95 x 0.4 m. and 0.30 m. high (rising higher than ~~slab~~ ^{slab}): room a is entered from the E by a doorway in the N end of the E wall: a doorway in the E end of the S wall leads to room b and another in E end of N wall leads to room c-d.

b) small E-W room (magazine?) south of a: 1.15 x 2.3 m.: area, 2.64/sq.m.: entered by doorway from a in E end of the N wall.

c-d) ~~small room~~ north of room a was a large room measuring, 3.8 x 2.4 m.: area, 9.12/sq.m.: with the W side formed by the casing of the mastaba: entered by doorway from ~~the~~ in N end of E wall: the large room had a thin c.b. wall which ran W from just south of the entrance doorway for 1.4 m. to a ~~corner~~ ^{corner} where it turned south 0.6 m. to a finished end: wall, 0.35 m. wide (of brick): on the plan the space south of this wall is lettered c and the rest of the room d: it is uncertain whether the space c was a room of which the W wall south of a doorway to d had been destroyed or not: in the E end of the S wall of c-d was a doorway to room a.

Total area of rooms a-d, 22.57 sq.m. ✓
Total ~~of~~ ^{of} interior and exterior chapels, 28.73 sq.m. ✓

Decoration of Interior Chapel of type (3a):

No decoration was found in place but a number of fragments were recovered from the debris in the room:-

27-4-951: four fitting fragments from a wall relief: white limestone: ca. 0.78 m. long and 0.42 m. high with a thickness of 11-17 mm: shows the heads of two women standing facing to right: on the right the figure is taller, and wears a lappet wig and tunic with dog collar and broad necklace: right hand hanging and left open on her breast: the smaller figure behind her shows only head and left ~~and~~ ^{and} shoulder; bare head, tunic, dog collar and broad necklace: over her head is written horizontally (signs face to right), hmt nswt Mr(-s-cn): this piece should probably ~~be~~ ^{be} assigned to a scene on the N wall of the room but might have come from the one of the door-jamb:

h at

h alabaster

h east

h area

h be

I consider the smaller queen to be Meresankh III and larger her mother Hetep-heres II: it is on this ~~xxx~~ reconstruction that I assign G 7350 to Hetep-heres II, built in the reign of Shepseskaf: this relief is now in the Cairo Museum.

~~xxx~~

✓ 27-4-1086: w.lst.: 4 frags.: relief: architrave, right end: words written vertically, Inpw dy htp hnty sh ntr krs m hryt ntr imnty nb imjh apparently from architrave over ka-door.

✓ 27-4-952: w.lst.: small frag. 11 x 12 cm.: in relief, bit of shoulder of figure facing to left; ~~with part of horizontal line above hm ntr faces to left. above, the word hmt~~ facing left.

✓ 27-4-886: w.lst.: frag. 4 x 4.5 mm.: shows foot of chair in relief: found a little south of the mastaba in street 7300.

Decoration of Subsidiary N niche:

✓ The back panels of the outer recess were decorated on each side by a standing male figure facing in: destroyed to waist: on S, man standing facing to right with staff held vertically in far hand and handkerchief in near hand (right): with skirt pleated on side: on N, man standing facing to left apparently unfinished above: staff in far hand, left hand weathered but probably with hankerchief: plain short skirt.

Shafts In G 7350: three shaft in medial axis of mastaba lettered A, B, C, from N to S: A was the chief burial place but was west of the subsidiary N niche: B, in the middle, was probably unused while C on the south had two burial chambers: I assign the shaft A to Hetep-heres II.

Shaft G 7350x A: 2.05 x 2.15 m., -11.45 m. in rock: lined above with massive masonry, 3.73 cm., courses.

Chamber: type 3 am, on S: 5.2 x 6.5 m., and 4.95 m. high: area, 33.8 sq.m.: capacity, 167.31 cu.m.: the rock cut walls ~~are~~ red construction, ~~lines~~ horizontal and vertical but ~~are~~ not distinctly preserved: one horizontal line at a height of 0.9 m. above the floor bore the mark mh 2 ("3 ells") which indicates that the floor was not cut to the depth designed by about 12-15 cm.: on the E wall was a curious double line which bent upwards on south (something like the sickle-sign).

2? Passage 2.26 x 2.06 m. and 2.62 m. high: step down, 1.6 m. from floor of passage to floor of chamber: blocking of masonry set in plaster, type II b(1) but possibly with portcullis slab; blocking partly broken away.

✓ Coffin: plain red granite box with flat lid: type d, uninscribed: found overturned from its original place on W side of chamber in the middle of the floor: with ~~broken~~ broken mummy spilled on the floor: box measures, 2.32 x 0.97 m. and 0.87 m. high: cavity, 1.88 x 0.54 m. and 0.6 m. deep: flat lid with rebated under-edge and two handles at each end: the lid is 0.14 m. thick.

Canopic pit: in SE corner, 0.78 x 0.8 m., and 0.46 m. deep: with rebate in upper edge on N and W: probably contained a wooden chest of which frags. were found in the debris.

Objects Found in shaft: the shaft was filled with disturbed debris mixed with large blocks thrown down from the casing of the shaft:

not done 28-3-61: copper: four frags: perhaps from model tools: found upper part of shaft, perhaps intrusive.

Found in the doorway and partly in shaft, in debris:

✓ 28-3-87a: WSR with discolored wash: 4 jars of type A-II b: broken and incomplete: h., ca.43 cm.: diam., body, 25.4

✓ 28-3-87b: RW: smaller jar also of type A-II b: h., 34 cm.: diam. body, 22.6 cm.: with potmark incised on shoulder, (two crosses one above the other of which the top upper cross has a horizontal line across the top).

Found in floor debris of chamber:-

- 28-7-1 to 6, 8, 9 *door seam* } 28-7-1 to 9: alabaster: 8 $\frac{1}{2}$ model basins of type *SXa*...
 ranging from diam. 5.0 x 4.2 cm. high to diam. 7.0 x 5.6 cm. *high*. of type S - Xa
- cf. p. 271*
Stone Vessel etc
- ✓ 28-8-1 to 11: alab.: 11 model basins: measuring (1)h., 5.7 cm. and diam., 7.1 cm.: (2) h., 6.1 x diam., 5.8 cm.: (3) h., 4.1 x diam., 6.7 cm.: (4) h., 6.0 x diam. 6.8 cm. (5) h., 4.1 x diam. 7.1 cm.: (6) h., 5.7 x diam. 6.0 cm. (7) h., 5.3 x diam., 7.1 cm.: (8) h., 6.5 x diam. 6.5 cm. (9) h., 5.6 x diam. 5.9 cm.: (10) h., 4.9 x diam. 5.3 cm. (11)h., 6.2 x diam., 6.3 cm.
- ✓ 28-8-13 to 18, 20: alab.: 7 model basins of forms and sizes like 28-8-1 to 11.
- ✓ 28-8-36: alab.: model basin as above: h., 5.6 cm.: d.top, 5.6 cm.: d.base, 3.2 cm. *Type SX 19*
 Total alab. model basins ~~at 28-8-1 to 11~~, 28 examples.
- ✓ 28-8-12: alab.: model jar of type S V e(special): barrel jar with raised belt marked with network of incised lines: h., 8.2 cm.: d.rim, 3.0 cm.: d.belt, max., 5.2 cm.: d.base, 2.6 cm.
- 28-8-19: alab.: model cylindrical jar of type S I d: base only: diam., base, 3.8 cm.: with splay foot: h., 2.6 cm.
- ✓ 28-8-21: alab.: flat-topped circular table: 13 frags. from the top: stem not found: d.top, 35.5 cm.: thickness, 1.4
- not drawn* 28-8-22: black granite: small fragment: 4.6 x 5.4 cm.
- " 28-8-23: lst.: unintelligible lump.
- " 28-8-24: ox-bones: broken bones.
- ✓ 28-8-25: RBrW: base of a necklace shoulder jar(?): type B-IV? d.base, 9.2 cm.: h, 4.2+cm.
- ✓ 28-8-26: BrW: frag. from the neck of a jar of from a ringsand ~~of type SXa~~: diam. top rim, 5.2 cm.: h., 4.8+ cm.
- " 28-8-27, 28: many broken potsherds of various types.
- " 28-8-29, 30: human bones (incomplete skeleton).
- " 28-8-31: linen: frags of decayed mummy-wrappings.
- " 28-8-32, 33: potsherds.
- ✓ 28-8-34: limestone: nearly spherical hammer-like object with groove around the middle, perhaps a rubbing stone: 31.0 x 26.0 x 20.4 cm.
- " 28-8-35: bone of lower jaw with teeth complete.
- " 28-8-36: mud: two frags. of jar stopper not impressed.
- " 28-8-38: wood: frags. probably from canopic chest.
- " 28-8-39: linen: roll of bandage from the mummy(?): d., 2.3 cm length, 5.5 cm.
- " 28-8-40x to 42: frags. decayed wood.
- " 28-8-43: wood: large block of wood: 29.5 x 21.0 x 23.0 cm.
- " 28-8-44, 45: linen: frags. mummy ^{wr}appings.
- " 28-8-46: bones of legs in wrappings.

Found under the granite coffin:-

29-10-1 to 4: alab.: 4 model basins ^{type SEA} ~~was~~ above under 28-8-1 to 11. (1) h., 4.0 cm. and diam., 6.5 cm.: (2) h., 5.5 cm. diam., 6.7 cm.: (3) h., 3.8 cm. x diam., 5.9 cm. (4) h., 5.0 cm. x diam., 6.4 cm.

not drawn

28-8-5: white limestone: slab. 60 x 20cm. and 10+20 cm. thick inscribed on top with part of a compartment list nearly illegible: probably brought in ^{by} thieves for some purpose.

Shaft G 7350 B: 2.0 x 2.0 m., ending at rock-surface: lined above with massive masonry, 5.37 m., courses: type 7 X without chamber, or burial.

un finished

Shaft filled with mixed ~~disturbed~~ debris and sand: in the upper part was dirty debris ~~xxxxxxx~~ which contained a few Ptolemaic objects:-

un used

28-3-37 to 40: faience: frags. of cup, amulets and ring: Ptolemaic.

not drawn

28-3-41: copper: part of model tool heavily oxidised.

Shaft G 7350 C: 1.95 x 2.0 m., -13.65 m. in rock: lined above with massive masonry, 4.3 ~~mx~~ m., ... courses with two chambers, I at 8.72 m. in rock and II at the bottom.

Chamber I: type 6 b(1) on S: 2.62 x 1.4 m. and 1.02 m. high: area, 3.8 sq.m.: capacity, 3.87 cu.m.: open and empty.

Chamber II: main chamber: type 4 b(1), unfinished, on S: 2.4 x 3.1 m. and 1.5 m. high: area, 10.54 sq.m.: capacity, 15.81 cu.m.

Passage: 2.0 x 1.64 m. and 1.82 m. high: found open and with no objects.

Shaft filled with mixed disturbed debris containing Ptolemaic objects and frags.:-

not drawn

28-3-71 to 78: faience: frags. of cup, and amulets: ^{Ptolemaic} ~~stol~~

28-3-79: 1st.: 3.7 x 2.3 cm.: unidentified object.

28-3-80: RW: half of a ball bead: d., 1.9 x 1.3 cm.

28-3-81: colored glass: inlay, part of hieroglyph of crown of lower Egypt: red glass with green patina: h., 1.2 cm.: length, 1.7 cm.

28-3-82: stone (serpentine)?: button from end of staff or fan: pierced vertically: h., 3.5 cm.: d.top, 3.8 cm.: d.bottom, 2.3 cm.: d.of hole about 1.5 cm. decorated outside with diagonal lines.

28-3-83: copper or bronze: head of a nail: diam., 0.9 cm

28-3-92: 1st.: rough ~~base~~ ^{base}: frag.: Ptolemaic

28-3-93: copper or bronze: part of a nail: h., 4.8 cm. w., 0.5-0.6 cm.

28-3-94: diorite (gneiss): frag. with one worked surface: 4.7 x 3.0 x 1.5 cm.

28-3-95: frit: frag. of New Year's bottle: inscribed, wp rnpt nfr n nb-s.

28-3-96: 1st.: frag. of relief: shows above a register of offerings and below a few hieroglyphs.: 14.6 x 10.4 cm.

G 7050: south of the small pyramid G I-c and south of the wide rubble wall built south of that pyramid: with G 7060 and G 7070 west of it: identified as the tomb of ~~Queen~~ Nefertkauw "eldest daughter of Sneferuw" ~~and presumably queen of Gneep~~: mother of Prince Neferma'at and grandmother of "Prince" Sneferw-khaf, whose tombs stand to the west.

L Princess

~~Maxxhaxx~~

See Figs.....

Printed in Volume I. 9.F.

See Pls.....

Mastaba: filled mastaba of type V with a wall of white limestone backed by nummulitic blocks: measurements of mastaba, 26.3 x 13.25 m., area, 348.47/sq.m.: prop.1/2. max. height as preserved 3.2 m. X

Chapel: interior chapel of type (3b) bonded with white ^{limestone} retaining wall: with exterior chapel of white limestone;

a) type (3b) with palace facade panelling on W wall, 4.65 x 1.57 m. area, 7.3/sq.m.: ~~maxx~~ prop.1/2.96: ✓ with wide shallow door in middle of wall: entered by doorway in N end of E wall, opening in embrasure in white wall: paved with slabs of white limestone.

b) exterior room of white limestone built against the ~~m~~ embrasure panels of the doorway to a: outside measurements, 4.15 x 5.95 m.: area, 24.69/sq.m.: the room inside measures, 2.0 x ~~maxx~~ 5.1 m.: area, 10.2/sq.m. in the SE corner is an ~~E-W~~ statue-platform with slope at W end: the platform measures, ~~maxx~~ m. ^{is} ~~maxx~~ 0.11m. high: the sloping approach on the W measures 0.8 x 0.45 m.: probably used for a standing statue facing to W: room entered by doorway in E end of N wall: doorway to room a in middle of W Wall: paved with 1st.slabs.

Total area, a-b, 17.5 sq.m.

Subsidiary N niche: monolith torn out.

Decoration of chapel: ^{only} on the W wall shows the bottom of the panelling: all other walls were destroyed to below the decoration both in the interior and the exterior chapel: in the exterior chapel a ~~platform~~ platform for a standing statue facing to W: a few fragments of relief were found in the debris in the street east of the mastaba which may belong to the decoration:-

26-2-23: found in debris north of mastaba: w.lst. painted: frag. of wall relief showing a girl standing facing to left: bare head, tunic, dog-collar, bracelets: with right hand on breast and left hanging: broken off below leaving figure from about knees to top of head: h., 20.4 x 12.4 cm. wide: body painted ~~maxx~~ yellow. Pl. 67. Drawn. Fig...

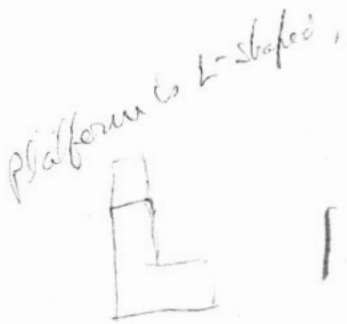
26-1-837: found in room a: w.lst.: small frag. in relief with name of Snfrw-hc-f (grandson of Queen Nefertkauw): 11 x 5.6 cm.:

26-1-838 to 843: small frags. of reliefs, incised inscriptions, and colored pattern from panelling: none ~~maxx~~ legible. found in debris of room a. Drawn. Fig.....

Shafts: one shaft close NW of interior chapel: lettered B but when the N end of the mastaba was examined no other shaft was found:

Shaft G 7050 B: 2.05 x 2.1 m., -12.65 m. in rock: lined above with massive masonry, 1.5 m., two courses and part of a third (upper part of lining destroyed).

Chamber: type 3 b₁, on S: 4.85 x 3.7 m., and 2.15 m. high: area, 17.95/sq.m.: capacity, 38.59/cu.m.: with red guiding lines on walls and ceiling: one horizontal line runs all around the chamber at a height of 1.7 m. above the floor, marked at intervals with a pendant triangle ~~maxx~~ one of which had the ell sign beside it (figure not legible): on the E wall are four vertical lines,



(1) at 1.3 m. from doorway, (2) at 0.95 from (1), (3) is 0.95 from (2), and (4) is 1.05 from (3) and 0.55 (one ell) from the S wall: the fourth vertical line is continued across the ceiling: on the S wall, at 0.45 above the horizontal line is a second horizontal line (at the height of the ceiling): this wall is marked also with three vertical lines, ~~(1) at 1.1 m. from E wall, (2) 0.95 from (1); (3) at 1.975 from (a) and 1.2 m. from W wall: other lines are obliterated.~~

Passage 1.45 x 1.55 m. and 1.5 m. high: upper edge on shaft side trimmed with sloping edge to enlarge the opening for introduction of coffin: chamber probably reused in Saite-Ptolemaic Period: no trace of blocking, coffin, or burial.

Canopic recess: in W end of S wall: 0.8 x 0.7 m. and 0.7 m. high: rebate for covering slab on E edge: size indicates wooden canopic chest.

Coffin: no trace found but probably had a coffin like those in G 7060 and G 7070.

Shaft filled with dirty debris (mixed with dirty sand and dust): this debris filled the chamber nearly completely: and was dumped in after the Ptolemaic Period.

In the filling of the shaft were found a few frags. of ^{Old Kingdom} statues and a number of faience objects of the Ptolemaic Period:

26-2-42 to 46: faience shawabtis and frags, some ~~inscribed~~ inscribed.

26-2-47: alab.: frag. from lap of ^{Old Kingdom} statue: 16.4 x 8.6

26-2-48: alab.: neck of small jug with one handle: h. h., 2.2 cm.: diam., 2.4 cm.: Ptolemaic.

26-2-49: 1st.: lid of canopic jar with jackal-head (Duwamutef): crudely cut and ~~broken~~ broken: h., 7.8+ cm. diam., 9.2 cm.:

26-2-50: haematite(?): small weight circular, with flat base, and domed top: h., 1.6 cm.: d. max., 2.4 cm.: weight, 17 grm (± 2 kdt?).

26-2-77: faience: frag. of shawabti.

not drawn
?
?

The eight nummulitic mastabas of type VI: second addition to Cem. G 7000.

The second addition to the ~~second~~ Cem. G 7000 consisted of eight nummulitic mastabas of type VI a. Four of these are attached to the massive mastabas G 7650 and G 7530+40, standing en echelon with those mastabas and with each other. They are numbered G 7550, G 7660, G 7750 and G 7760 and are the tombs of relations of Hetep-heres II and ^{Ka-wab} ~~Kawa-tab~~. Nearly contemporary with this group of four are two mastabas north of G 7510 ~~and probably related to Queen Meresankh III, and are~~ ^{these} numbered G 7810 on W and G 7820 on E: . Probably later than these six mastabas are the two mastabas G 7060 and G 7070, which lie west of G 7050 the tomb of Queen Nefertkauw and constructed for her son and grandson.

G 7550 = Lepsius 58 "Prince" Duwanehor, son of ^{Ka-wab} ~~Kawa-tab~~ and Hetep-heres II: in line 5 south of G 7530+40 (Hetep-heres II and Meresankh III).

Mycerinus is in Shepessky

See Figs..... Printed in Volume I (Fig. 11) A. F.

See Pls.....

Name:

Mastaba: filled mastaba of type VI a, with retaining wall of sloping blocks of nummulitic limestone, dressed to a smooth sloping surface: 37.0 x 18.0 m.: area, 666.0/sq.m.: prop.1/2.0: ~~found~~ on rock surface which slopes down to south: the N end of the mastaba, fully preserved, has a height of 3.70 m.: the southern end was about 3.25 m. higher being on lower ground but the top had been denuded: enclosed on N and W by a lower rubble wall, about 0.7 m. thick and parallel to the bottom of dressed surface of mastaba at a distance 1.25 m.: the retaining wall is dressed only to the street level which is packed with 1st. debris: the enclosing wall on the N side abutted on the back of mastaba G 7660 and a rubble ramp descended here along the back of G 7660 from the top of the enclosing wall to the lower level of the street in front of G 7550.

h founded +

Chapel: interior chapel of type (3a) with remains of exterior c.b. chapel.

a) offering room of type (3a) of nummulitic masonry (very heavy with high courses: 4.7 x 1.6 m.: area, 7.52/sq.m.: prop.1/2.94: with plain compound ka-door near S end of W wall: outer recess, 1.15 x 0.3 m.: inner recess, 0.3 x 0.2 m., cut in slab: entered by doorway in N end of E wall, opening in embrasure, 3.5 x 0.3 m.: approached by flight of steps flanked by upright slabs (6 rises and 5 steps), length (E-W), 2.25 m. with steps 0.9 m. wide: width of ramp, ca., 1.0 m.: height of floor of chapel above rock, 1.50 m.

Exterior c.b. chapel: almost totally destroyed by later burial shafts (mostly Ptolemaic): between the S end of G 7660 and the NW corner of G 7670 a heavy c.b. wall 1.65 m. thick which contains a doorway opening from the E: this is probably the main doorway to chapel G 7550: at two other places are remnants of thinner walls: E of the N side of the ramp to the doorway to room a, is a ~~1st~~ column basis (0.85 m. in diameter: this indicates a pillared hall with roof supported by a pillar or more probably by two or more pillars.

h limestone

Subsidiary N niche: monolith recessed in sloping wall: outer recess 1.0 x 0.3 m.: inner recess, 0.3 x 0.2 m.

Decoration of chapel, room a:-

The walls of the nummulitic room were decorated in relief of the old kind (not sized reliefs) but were badly weathered: recorded by Lepsius, LG 59 and re-examined by W.S. Smith: tops of walls broken ~~and~~ and all walls badly weathered.

[in place of text in this line "LG 59"]
"LD, II, Pl. 82"

Ka-door: in south end of W wall:

Architrave: badly eroded: only a few signs can be made out undoubtedly an offering formula.

Tablet: prince seated facing to right in traditional attitude at table of bread: panther skin(?) garment: under table on left, ideographic list (two 1000-signs legible): above table a horizontal line of offerings ("short list") and beside table on right two more horizontal lines continuing same short list (1)(arm and water), bdyt, h;tyt idmyt (second quality), sntr w.....:(2) add (3) too obliterated to read: in third line beside table, iht nb and rn with bull's head (part of ideographic list): across the top of the tablet a horizontal line with titles and name, signs facing to right, s; nswt n ht-f mry-f smr n it-f nb im;h hr it-f Dw;-n-Hr.

Rest of ka-door weathered but on the back of the outer recess on the N, a standing figure in the lowest register facing in to left: at top of side of outer niche on N also, a label, s.... s;b imy-r; pr there must have been several registers of figures facing in to left.

W Wall: south of ka-door: badly obliterated, at least four registers: above, on left, two standing figures face to left (see table scene on S wall): the second man carries a goose in his arms: in the lowest register on left, is a man facing to right, holding a staff(?) and in the middle of the register a man squatting facing to left.

W Wall, north of ka-door: presentation scene: at the N end, legs of large figure of man standing facing to left, with staff behind him a figure of his wife: behind her on separate base line a daughter, above large figures the ends of at least 8 vertical lines of inscriptions (titles and names) with signs facing to left: ending in the name of Duwanehor: in front of male figure, the end of a vertical line with signsr-t.....
On the left of the chief scene, were probable five registers of which only the lowest is partly preserved:
(a) details not legible (scribe?): (b) bears sack and staff:
(c) details obliterated: (d) carries long case: (e) to (g) details not clear.

N Wall: only the subregister is partly legible: three figures facing to left (probably bringing in funerary meal).

√S Wall: table scene: man seated facing in to right at table of bread: above head two obliterated vertical lines of titles: on the right of the table, below, three squatting men, (a) faces to right: (b) faces to left and (c) faces to right: see scene on W wall south of ka-door.

at
E Wall: south end of wall a large standing figure facing to left: in short wig: at the N end of the wall, in the lowest register, rams driven by men facing to right. (See Pl.)

N Door-jamb: destroyed.

S Door-jamb: man and wife seated on one chair at table of bread, facing out to left: behind wife traces of illegible inscription

↳ may wsd it?



N Facade Panel: only legs of figures of man and wife, standing, facing to left.

S Facade Panel: large figure of man, standing facing in to right: short wig, chin beard, and short(?) skirt: in front of face remains of vertical inscription, wr n; behind him stands his wife with her left arm around his back and her left hand on his right shoulder: her right hand laid on his right arm: behind her stands a small girl named Nbtj-htp: in front of man, two naked boys holding hands with free hands hanging.

Shafts of G 7550: two shafts, A on N and B, chief shaft on S.

Shaft G 7550 A: wife's shaft: 2.15 x 2.15 m., -12.55 m. in rock: lined above with massive masonry, 3.25 m., 3 courses (top destroyed). Chamber: type 6 b(2) unfinished: on S: 3.4 x 1.15 m.: unfinished chamber partly 1.4 m. and partly 1.75 m. high: with cutting begun in the south wall area, 3.91 sq.m.: capacity about 5.13 cu.m. Probably intended to be a large ~~ofixy~~ chamber of type 3 or 4: no trace of blocking, coffin or burial.

Shaft filled with disturbed debris containing a number of Ptolemaic objects: excavated in recent times.

not drawn {

28-5-108: RW: jug: h., 10.1 cm.: d., 7.9 cm.: Roman.

28-5-109: faience: uzat-eye.

28-5-107: lst.: piece of sawed stone: 19 x 9.7 cm.: th. 2.7-5.5

Shaft G 7550 B: man's shaft: 2.08 x 2.0 m., -13.94 m. in rock: lined with massive masonry, 4.2 m., 5 courses.
 Chamber: type 3 amx: on S: 4.75 x 5.1 m., and h., 3.75 m.: area, 24.22 sq.m.: capacity, 80.82 cu.m..
 Passage: 1.87 x 1.45 m. and 2.15 m. high: with rather irregular floor sloping downwards to chamber: ~~is~~
 Blocking: of type II ~~B~~(1) of which two courses remain in place set in plaster.
 Turning recess in N side of shaft at bottom beginning at NW corner: 1.42 x 1.05 m. the part opening on shaft is 1.85 m. high for a depth of 0.55 m.: the back part of the shaft 1.0 m. high: with horizontal roof: the bottom of the shaft slopes down to the passage on the south.
 Low stone bench along the E wall of chamber.
 Canopic pit in SE corner excavated in bench: 0.55 x 0.5 m. and 0.6 m. deep: rebate for slab lid on all four sides.
 Coffin: No trace of coffin or burial: but a number of ~~Old Kingdom~~ objects found in debris.
 The shaft was filled with disturbed debris in which was found a few frags. of Ptolemaic faience; this debris was mixed with drift sand and had run into the chamber but the chamber had not been cleared out in modern times.

Objects found in chamber:

- 28-5-164: frag. of RW pottery coffin of the Roman Period.
- 28-5-165: faience: frag. with ram in relief.
- 28-5-166: green glass: frag. of bottle, part of neck.
- 28-5-167 to 176: faience: amulets, frag. of cup, and two frags. of shawabtis.
- ✓ 28-5-178: alab.: small flat bottomed bowl with straight sides spreading upwards to mouth: h., 2.5 cm.: diam. max. 14.0 cm. diam. base, 5.0 cm.: half preserved.
- ✓ 28-5-179: alab.: 9 model bowls: round bottomed: (1) h., 1.9 cm. x 6.7 cm.: (2) h., 1.8 x 6.5 cm.: (3) h., 2.0 x 6.2 cm.: (4) h., 1.8 x 5.5 cm.: (5) 1.4 x 5.2 cm.: (6) h., 1.5 x 5.6 cm. (7) h., 1.2 x 5.2 cm.: (8) h., 2.2 x 6.3 cm.: (9) h., 1.2x5.5 also 6 frags. of similar dishes.
- ✓ 28-5-180: alab.: model basin: h., 2.0 cm.: d.top, 5.0 cm.: diam. base, 1.8 cm.: damaged.
- ✓ 28-5-181: alab.: three model cylindrical jars of type I d:
 (1) h., 5.4 : d.top, 2.5 : d.min., 1.9 : d.base, 2.5 cm.
 (2) h., 5.0 : d.rim, 2.5: d.min., 1.8 : d.base, 2.4 cm.
 (3) h., 5.2 : d.rim, 2.8 : d.min., 1.8 : d.base, 2.2 cm.
- ✓ 28-5-182: alab.: model: long necked jar as used in magical set: h., 5.6 cm.: d.top, 3.5 cm.: d.neck, 1.9 cm.: diam. body, 3.7 cm.: d.base, 1.5 cm.: narrow boring. Type approx. S-XV A
- ✓ 28-5-183: alab.: model like 182 from magical set: with top broken off: h., 5.2+ cm.: diam. body, 3.5 cm.: d.base, 1.0 cm.
- ✓ 28-5-184: alab.: model pešeskaf wand from magical set: h., 8.4 cm. w.top,end, 3.8 cm.: w.middle, 1.7 cm.: th., 0.8-1.0 cm.
- ✓ 28-5-185: alab.: model basin from magical set: h., 2.4 cm.: d.top, 2.8 cm.: d.base, 1.4 cm.: dummy.
- ✓ 28-5-186: alab.: flat topped circular table: broken and incomplete: stem missing, apparently of separate piece: d., 39.8 cm.: d.flat surface which rested on stem, 10.8 cm.

~~28-5-187: alab.: flat topped circular table: broken and incomplete: stem missing, apparently of separate piece~~

28-5-187: alab.: two frags. probably from model vessels.

28-5-188: plaster: probably from tray containing granaries or similar, with print of bottom of a jar: h., 5.5 cm.: d., 6.5 cm.: depth of cavity, 2.5 cm.

28-5-189: RW potsherds: one basket nearly full.

not drawn

Types II

Types III

cf. chapter on magical sets, p. 607

not drawn

not drawn

type S-XII

fragment listed
but not drawn
in Vol. II

✓ 28-5-190: special ware: two handled oil-jar: type B-LIV: frags. of upper part: h. neck, 5.7 cm.: d.rim, 7.8 cm.: upper part of body, d., 20 cm.: with h. 9.3 cm. also two handles preserved.

The objects include some amulets and frags. of the Ptolemaic Period but the following are undoubtedly of Dyn.IV, 28-5-178 to 187 and 190, including alab. models, alab. table and two handled oil-jar. Probably most of the potsherds in 28-5-189 are of the same period.

Later Constructions:

Along the E face of the mastaba were three intrusive shafts apparently of the ~~Old Kingdom~~ Old Kingdom.

Shaft G 7550 X: north of chapel: 1.76 x 1.62 m., -3.4 m. in rock: lined with ~~lime~~ 0.45 m., denuded.

Chamber: type 3 a(2) on W: 2.15 x 1.4 m.: and 1.4 m. high: area, 3.01/sq.m.: capacity, 4.21/cu.m.: ~~blocked partly with rubble~~, type V d(3): found empty.

Shaft G 7550 Y: north of X: 1.46 x 1.4 m., -1.6 m. in rock: lined ~~is~~ above 0.9 m., denuded.

Chamber. type 6 a(2): on W: 1.42 x 0.8 m. and 0.94 m. high: area, 1.13 sq.m.: capacity, 1.06/cu.m.: blocked with rough small stones, type V c(3): resting on depression in W side of shaft, 0.76 m. deep, and taking half width of shaft: found open and empty.

Shaft G 7550 Z: north of Y: 1.2 x 1.3 m., -7.1 m. in rock with lining if any destroyed: no chamber: type 7 x: no evidence of burial.

For the Ptolemaic structures and shafts, see under G 7450 in ~~at~~ street on E and 7540 in street on S.

In the ruins of the exterior chapel were found two Ptolemaic ~~burials~~ burials Pt.LXXII-LXXIV.

On the south of mastaba the area was filled with secondary mastabas and Ptolemaic ~~burials~~ burials.

Ka - wab

G 7660: "Prince" Ka-em-sekhem, son of Kawa'ab and Hetep-heres II: in line 6 south of the Merytyetes mastaba, G 7650: E of G 7550 and en echelon with it.

See Figs..... Plan & Section done a.F.

See Pls.....

Name: Ka-m-sekhem,

Note

Measurement of the mastaba: 37.5 x 17.5 m. area, 656.25 sq.m. prop. 1/2.14

a.F.
27-7-40.

Mastaba: filled mastaba of type VI a, with retaining wall of sloping blocks of num. 1st., dressed to a smooth sloping surface down to ground level: 36.5 x 18.5 m.: area, 638.0 sq.m.: prop. 1/2.0: height 5.20 m.

Chapel: interior chapel of type (3a) of nummulitic limestone bonded with retaining wall and exterior c.b. chapel: with subsidiary N niche:

a) interior offering room of num. 1st., type (3a) with plain compound ka-door near S end of W wall: decorated with carved reliefs. (not sized technique): 4.2 x 1.47 m.: area, 6.17 sq.m.: prop. 1/2.85: entered by doorway in N end of E wall: open in embrasure in face of mastaba.

Exterior c.b. chapel, nearly destroyed, with four rooms, b-e: covering an area of 15.37 x 10.2 m. ~~wall on S, 2.6 m. thick on S, 2.25 m. on E and 2.85 m. thick on N:~~ of 156.77 sq.m.: with very heavy exterior walls, 2.6 m. thick on S, 2.25 m. on E and 2.85 m. thick on N:

- b) large pillared hall around the embrasure to room a: 5.75 x 7.95 m.: area, 46.71 sq.m.: floor paved with stone slabs but most of pavement torn up: roof supported by 6 pillars, in two E-W rows of 3 each: pillar, ~~0.45 x 0.45 m.~~ 0.45 x 0.45 m., square: the inside ~~xxx~~ of the N wall on the room side, was decorated with palace facade ~~panelling~~ panelling, with a great door in the middle of three plain compound niches on each side of it: the E and S walls may possibly have borne a similar panelling but no trace was preserved: the hall was probably entered by a doorway in the middle of the E wall but the wall is denuded and broken by shaft G 7660 Y: in the E end of the S wall is a doorway leading to room e, the floor of which was on a lower level and this doorway was approached by a flight of three steps (4 rises): south of hall ~~l~~ were three subsidiary rooms e, d, c, from E to W entered successively from one to the other: drain ~~by~~ culvert under entrance on E leading to circular stone basin (diam.1.0 m.) sunk in floor 1.0 m. east of chapel.
- c) western room south of hall b: 2.8 x 1.8 m. area, 5.04 sq.m entered from d by doorway in N end of W wall with stone sill:
- d) east of c: 2.8 x 3.1 m.: area, 8.68 sq.m.: entered from room e by doorway in N end of E wall: doorway to c, opposite in N end of W wall.
- e) eastern room south of b and giving access from b to d, c: 2.85 x 1.15 m.: area, 3.27 sq.m.: entered from b by doorway in N wall which was approached by three steps (4 rises) descending from floor of b to floor of e.

Total floor area, b-e, 63.7 sq.m.

Total floor area, a-e, 69.87 sq.m.

Exterior chapel badly denuded and debris of decay together with surface debris penetrated by a number of Ptolemaic burials.

Subsidiary N niche, monolithic stela recessed in sloping wall: outer niche, 1.1 x 0.35 m.: inner niche, 0.35 x 0.3 m. not inscribed or decorated.

Decoration of interior offering room a: nummulitic limestone: with carved reliefs (not sized).

LG 59:

Ka-door near S end of W wall:

Architrave, destroyed.

Tablet, destroyed with frag. left showing man's knee seated at table of bread facing to right: under table on left remains of ideographic list (twice a 1000-sign) and two heads of birds.

Crossbar: dihnty hb nb s; nswt..... surfaces of inner niche obliterated.

Backs of outer niche: nearly destroyed but probably with standing figure facing in on each side: on the S above titles of man: r

on the N, above, the wife's titles: (1)t.....

(2) N-t.....: in both cases inscription was over head of obliterated figure.

Sides of outer recess: S side obliterated: but with traces of two figures facing in: on N side, remains of four registers each with one standing man facing in to left: (1) feet only visible: (2) holds up a platter with three hnm-jars; (3) seems to hold a pleated strip of linen: (4) head and shoulders of woman, bare head, tunic.

W Wall, south of ka-door: badly obliterated: at least five registers:

- 1) Nearly obliterated: at right end there is a kneeling figure facing to right, second figure standing and the third kneeling, all facing to right.
- 2) figures/obliterated but an inscription reading in hm-k!.
- 3) obliterated.
- 4) slaughter scene.
- 5) obliterated.

W Wall, north of ka-door: (LD II Pl.32): presentation scene:

At N end of wall, man and wife standing facing in to left; man with staff and wand, full wig, broad necklace, short skirt and panther-skin over it; wife wears lappet wig dog collar and tunic, with right arm around shoulders of man (hand on his right shoulder): her left hand rests on his left arm: over their heads are ends of 7 vertical lines,

- (1)smr wcty n it-f:
- (2)n it-f hrp chE
- (3)-f nb:
- (4)(niwt-sign determinative):
- (5)hb:
- (6)(K!-m)shp:
- (7) (hmt-f mryt-f) K!-cpr(?).

In front of man a small boy (nearly obliterated) holds the staff with his right hand: labelled s!-f n ht-f Mnw-hc-f. (not in Lepsius plate)

On the left of the chief scene five registers of small figures proceed to right:

- 1) figures preserved from knees down:
 - (a) standing with scribes case on ground in front of him: the other five figures are estates alternately male and female: names almost completely obliterated: the last figure (f) carries a milk-jar:
 - (b)mr ntrw(?) (niwt-det.):
 - (c)t land-sign and niwt-det.:
 - (d)k!(?) niwt-sign:
 - (e)niwt-sign.
 - (f)! and niwt-sign.

- 2) (a) standing scribe, with upper part obliterated: in front of him on ground a scribe's case: labelled s!-.... n N-k!-H!p.
- (b-f) five estates alternately male and female:
 - (a) with basket on head and bird in right hand, h-t Hwfw-nfr:
 - (c) woman, carries basket on head and roll(?) in right, Hwfw-shtp:
 - (d) man, basket and in right hand a bird, Hwfw-n-sky:
 - (e) woman, basket, and in right hand a ~~bird~~ lotus, Hwfw-imnwt:
 - (f) man, basket and bird in right, Hwfw-sw(t) all figures support basket with left hand.

hand

- 3) badly obliterated: again six figures of which
 - (a) appears to be a scribe: the other five are estates, alternately female and male:
 - (b) woman, with basket on head,nm:
 - (c) man, basket and niwt-sign preserved:
 - (f) woman, basket preserved.

- 4) badly obliterated: men bringing animals: an ibex is visible: over it rn (n)! led by two men, one before it and one behind: the second man is followed by three others but the animals are obliterated. (not in Lepsius plate)

- 5) badly obliterated: apparently men bringing animals: on the left end, upper part of man: across the top a horizontal lines, rn iw! lry.

(not in Lepsius plate)

North Wall: (LD II, Pl.32): at the top a boating scene extending the length of the wall: below these are three narrow registers leaving blank the part of the wall covered by the wooden door when it stood open: mixed scene without chief figure:

- 1) large boat being paddled to right: upper part obliterated in middle of boat, a large figure standing: only feet and ankles remain: probably Ka-m-sekhem: facing to right in front of him only one paddle is preserved: behind him, three men paddling: then a man leaning forward without paddle: finally two steersman with steering oars.
- 2) four women, bare head, wearing tunics, carrying personal equipment, facing to right:
 - (a) holding up a box and a long narrow case.
 - (b) bag in left hand and jar on right shoulder.
 - (c) strip of linen in left hand and jar on right shoulder
 - (d) carries a sort of bag or bucket with loop handle and her right hand is obliterated.
- 3) two men cutting up a bull.
- 4) two men cutting up a bull (not in Lepsius plate(see Photo))

South Wall: destroyed.

E Wall: at S end, large figure of man leaning on a staff, facing to left: at the N end of the wall, remains of three registers
 1) three standing men facing to right (not estates).
 2) animal facing to right.
 3) animal facing right.
 Apparently a presentation scene.

N Door-jamb: man and wife seated on one chair at table of bread: facing out to right: details obliterated.

S Door-jamb: man and wife seated on one chair: facing out to left: rest obliterated: perhaps at table of bread.

Facade-panels: in embrasure N and S of doorway, man and wife standing facing in (to left on N and to right on S): man with staff and wand: on the N over the wand is written Rc-wr, probably name of son standing below but now obliterated

Subsidiary N niche: not inscribed or decorated.

Shafts In G 7660: two shafts in medial axis: A on N and B, chief shaft on S.

Shaft G 7660 A: wife's shaft: 2.1 x 2.25 m., -12.1 m. in rock: lined above with massive masonry, 4.75 m., ~~.... courses;~~
~~excavated by "Service" and found empty to a depth of 11 m.~~
 Chamber: type 3 cl: on S: 5.15 x 5.3 m., and 3.88 m. high: area, 27.28 sq.m.: capacity, 105.85 cu.m.;
 Passage: 2.25 x 1.0 m., and 1.02 m. high: no trace of blocking
 No canopic pit or recess.
 No trace of coffin, burial or equipment:
 The shaft was found empty to a depth of 11 m. from the top: it had been excavated recently and lower part of shaft and chamber contained disturbed dumped debris: in the chamber was found a frag. of inscribed stone:
 29-4-322: num. lst.: h., 22.0 cm.: w., 10.5 cm.: th. 10.1 cm.: incised vertical inscription, rh nswt ss
pr md;t Rc-.y: with vertical, incised line of left.

Shaft G 7660 B: chief shaft: burial place of "prince" Ka-em-sekhem: 2.0 x 2.1 m., -11.15 m. in rock: lined above with massive masonry, 1.5 m., 2 courses with much of upper part destroyed
~~excavated by "Service" and refilled probably from debris of shaft A.~~
 Chamber: two ~~connecting~~ chamber on S, the second opening from the first.

Chamber I : type 3 afx: on S: 5.0 x 5.3 m., and 2.75 m. high: area, 26.5/sq.m.: capacity, 72.87/cu.m.
Passage: 2.2 x 1.9 m. and 1.65 m. high: with floor and roof sloping slightly downwards to S:
Blocking: not trace of blocking remains (probably of type II b(1): in the S end of W wall opens a short passage leading to chamber II.

Chamber II: coffin chamber: on W of room II: 2.2 x 2.6 m. and 1.5 m. high: area, 5.72/sq.m.: capacity, 8.58/cu.m.:
Passage: 1.3 x 1.6 m. and 1.2 m. high: contained granite coffin of Ka-m-sekhem, removed by the Service and now in Cairo Museum: type d, inscribed, ... x ... m. and ... m. high: (... m. with lid) inscribed with titles and name: coffin probably stood E-W along the N wall: high up in the W wall is a recessed edge but this is only 1.2 m. wide (N-S).
Canopic pit in SE corner in front of doorway: 0.63 x 0.63 m. and 0.5 m. deep: no rebate.
Both chambers not completely finished and therefore a little irregular in outline.
Total area, of rooms I and II, 32.22/sq.m.
Total capacity of rooms I and II, 81.45/cu.m.

Shaft found by us filled with disturbed debris: recently excavated and refilled: in the top debris were found only a small frag. of Ptolemaic faience probably from the surface debris around the shaft.

Later Constructions:

On the N between ~~the~~ G 7650 and G 7660 is a small mastaba, G 7652, built against the S end of G 7650.
Around the NE corner of G 7660 is another small mastaba, G 7661. This reaches to the N side of the subsidiary N niche of G 7660.
In the street E of G 7660 are the remains of two other mastabas, G 7662 and G 7663.

LG

In Ptolemaic times: a number of superstructures were built on debris and a large number of burial chambers constructed in the debris: several of the Ptolemaic shafts penetrated all the layers of debris and descended into the rock: see in particular the shafts G 7660 Y, (Z) and G 7661 A, of which G 7660 Y and G 7661 A have many chambers and burials.
The Ptolemaic burials continue in the space between G 7660 and G 7670

⊗ Note
There is no such a shaft as G.7660 Z but there is G.7660 X at SE corner of the chapel which is not mentioned in this text.

Shaft Z is numbered as G.7662 Z. (see page 237) 19-9-41 a.F.

G 7750: name not recovered: first mastaba in line 7, at N end of line: south of G 7510 with the E face aligned with the E face of that mastaba: E of G 7650 with its N end aligned with the N end of that mastaba but being smaller G 7750 stands en echelon with G 7650 leaving the chapel of that mastaba exposed to the east.

⊗ Dressed only south part of east wall, the other walls not dressed. a.F.
nummulitic limestone
area, 684.50 sq. m.

See Figs..... Plan a Section done a.F.

See Pls.....

Name: not recovered.

Mastaba: filled mastaba of type VI a with retaining wall of sloping blocks of nummulitic limestone, dressed to a smooth sloping surface 37.0 x 18.5 m.: area, 684.50/sq.m.: prop. 1/2.0: height, 5.8 m. with interior chapel and subsidiary N niche ~~rather niche~~.

Chapel: interior offering room of type (3a) of nummulitic limestone bonded with retaining wall and an exterior c.b. chapel: with subsidiary ~~niche~~ (niche ~~rather~~)

- a) interior offering room of num. ^{mittee} ~~11111111~~ type (3a) ~~XXXXXXXXXX~~
~~XXXXXXXXXX~~ with ~~XXXXXXXXXX~~ and ~~XXXXXXXXXX~~ with plain compound
ka-door, near S end of W wall: decorated with carved
reliefs (not sized technique): 4.4 x 1.56 m.: area, 6.86
sq.m.: prop. 1/2.82: with plain compound niche of which
the outer niche measures, 1.02 x 0.37 m. and the inner
0.33 x 0.39 m.: entered by doorway in N end of E wall,
opening in embrasure in E face of mastaba.
room paved with stone slabs, partly torn up at S end.
Exterior c.b. chapel of which one room and remains of another
are preserved:
- b) a hall with roof supported by one column: 4.75(?) x 3.85 m
area, ca. 18.28 sq.m.: built around the embrasure of the
doorway to room a: with one stone basis for a column in
center of hall: diam. of basis, 0.82 m.: no trace of
entrance doorway, probably on E: doorway to room a in
middle of W wall, formed by the mastaba: doorway to room
c toward the W end of S wall.
- c) E-W room, perhaps magazine, south of b: 1.87 x 3.85 m.:
area, 7.19 sq.m.

No trace of other rooms and chapel was probably complete with
two room.

Thickness of c.b. walls: S wall of room c, 1.15 m.: E wall
of room c and probably also b, 1.4 m.: wall separating
b and c, 0.825: N wall of room b, 0.75 m.

Decoration of room a of chapel G 7750:

Decoration never completed: only the ka door and the door-jambs
present evidence of decoration, and the cutting of the ~~xxx~~
reliefs on the S doorjamb was not finished.

Ka-door: 2.62 m. high: on the backs of the outer niche, on each
side is a standing figure of a man facing in: with full wig
and short skirt: with far hand on breast and near hand
hanging open at side: the inner niche and the sides of the
outer niche appear never to have been inscribed: tablet
and crossbar, obliterated: architrave, missing.

~~Ne~~ Door-jamb: man and wife standing facing out to right, with heads
and shoulders destroyed: man wears short skirt, with hands
hanging at his sides: wife, behind man, in tunic: with
position of left hand obliterated (probably on left shoulder
of man) and with right hand laid on man's right forearm:
on right, in front of chief figures two registers of small
figures facing in to left:

1) man standing wearing short skirt and panther skin: with
right hand on breast and left hanging holding shw-wand
probably a son.

2) two standing men: the second figure wears a collar and
holds a roll of papyrus in hanging right hand:
traces of inscription in front of each, nwt r
probably both labelled rh nswt and representing sons:
large figures in one plane not finished: small figures
in modelled relief.

S Door-jamb: reliefs finished but, upper part of scene is destroyed
by weathering: large figure ^{man} standing facing out to left:
wears short skirt and panther skin with staff in far hand and
shw-wand in near hand: in front of man a boy standing facing
the man, wears side-lock and short skirt: with left on his
own right shoulder and a roll in his hanging right hand: a
vertical inscription with signs facing to right begins above
the man's right arm, s; -f n ht-f and continues below over
the shw wand, sš c nswt and in front of boy, rh nswt Hnw-k!
behind the large figure stands a second small figure, wearing
short wig and short skirt: facing to left with staff in left
hand and wand in right: over his head is the lower part of
three vertical lines of signs facing to right with a horizon-
tal ^{line} containing the name below the three vertical lines:
(1) r n-f prt-r-hrw rh nswt: (2) hbnb rc nb:
(3) nb bnrt (and 4 bowls on stands): (4) horizontally
Kj-mnh.

Shafts in G 7750: two shafts in medial axis: A, wife's shaft on N and B, man's shaft on S.

Shaft G 7750 A: wife's shaft: 1.98 x 2.0 m.: -12.55 m. in rock: lined above with massive masonry, 2.75 m.: ~~.....~~
 Chamber: type 3 bf: on S: 2.65 x 2.45 m., and 3.05 m. high: area, 6.5 sq.m.: capacity, 19.82 cu.m.: floor of chamber slopes up to south.

Passage:

~~Passage~~: 2.33 x 0.94 m.: and 1.2-1.0 m. high:
 Blocking: no trace of blocking which was probably of type II b(1).
 No trace of coffin or burial.

The shaft and part of the chamber was filled with mixed debris: the tomb had been cleared in modern times and refilled: no objects were found except a few of the Ptolemaic Period found in the top of the shaft (29-3-277 to 282).

Shaft G 7750 B: man's shaft: 2.25 x 2.15 m. at top contracting to, 1.65 x 1.7 m., -16.48 m. in rock: lined above with massive masonry, 5.47 m.: two chambers in shaft, I unfinished at -11.18 m. in rock and II at bottom of shaft.

Chamber I: at 11.18 m. in rock: unfinished cutting on S clearly intended to be of type 3: a passage had been cut, 1.85 x 1.05 m. and 0.9 m. high: at the S end a hole had been cut upwards to a height of 2.9 m. (irregular): being about 1.0 x 1.0 m. in horizontal section: from this hole a chamber was being cut laterally to the south and west: the work shows the method used in the excavation of chambers in order to permit the greater part of the cutting to be made with downward strokes of the tools used: two lateral layers are visible each about 1.0 m. high: the layer in the middle of the chamber ~~had~~ had been cut first.

Chamber II: actual burial chamber: type 3 am: on south at bottom of shaft 2.45 x 2.8 m. and 1.8 m. high: area, 6.86/sq.m.: capacity, 12.35 cu.m.: in the S wall was an unfinished cutting high up in the wall (1.0 m. above floor of chamber) level with roof 2.4 m. wide (E-W) and 0.75 m. deep: (0.86 m. high): at the back of this cutting an upwards hole had been cut to a height of 0.55 m. above the roof of the chamber: this is the same method as was being used in the unfinished chamber I: apparently the intention was to enlarge and heighten the chamber: this unfinished cutting had been walled off from the chamber by a masonry wall, part of which was found in place.

Passage: 2.4 x 1.1 m. and 1.1-0.95 m. ^{high:} no trace of blocking. No coffin or trace of burial.

Shaft was filled with disturbed debris and the chamber had a heap of the same debris around the entrance: no objects were found except two Ptolemaic frags. in upper debris of shaft (29-3-402, 403): the shaft had undoubtedly been excavated in recent times, probably by the Service.

Later Constructions:

East of the mastaba, north of the chapel began the field of small and medium mastabas which extended to the cliff containing rock cut tombs above the village: this same field of mastabas extended northwards and southwards: southwards, the mastabas stood east and south of the chapel of G 7750 and continued along the E face of G 7750: over the debris of this ~~old~~ cemetery were built a series of chapels of the Saite-Ptolemaic Roman periods and a large number of intrusive shafts and burials of the same period penetrated the older and later layers of debris: the mastabas near the faces of G 7750 were numbered G 7751 to G 7755.

Lola Kingdom

Note ←

These shafts G 7750 X, W, Z numbered as G 7753 X, G 7753 W and G 7753 Z on page 337

The Ptolemaic shafts, G 7750 X, W, Z, were intruded through the N wall of the exterior c.b. chapel of G 7750.

G 7760: "Prince" Mindedef and his wife: second mastaba in line 7, south of of G 7750: east of G 7660 and en echelon with G 7660: probably built before G 7750 and possibly before G 7550.

See Figs..... *Plan & Section done Q.F.*

See Pls.....

Owner: Mindedef,

mammulitic limestone

36.80 x 18.95 m.: area, 697.36/sq.m.: prop. 1/1.94 ✓

11-3-40 Q.F.

Mastaba: filled mastaba of type VI a, with ~~retaining~~ retaining wall of sloping blocks of ~~num. 1st.~~ dressed to a smooth sloping surface: ~~52.0 x 18.0 m.: area, 936/sq.m.: prop. 1/2.9;~~ height, 8.99 m. with interior chapel and subsidiary N niche *(mortar)*

Chapel: interior chapel of type (3a) of mammulitic limestone: bonded with retaining wall and an exterior c.b. chapel: with subsidiary N niche.

a) interior offering room of type (3a) with plain compound ka-door near S end of W wall: decorated with carved reliefs (not sized technique): 4.52 x 1.53 m.: area, 6.91/sq.m.: prop. 1/2.95: plain compound niche of which the outer niche measures, 1.14 x 0.33 m. and the inner, 0.34 x 0.22 m.: entered by doorway in N end of E wall opening in embrasure in face of mastaba: room paved with stone slabs: with floor 1.33 m. above rock: approached by ramp by six narrow steps (7 rises) flanked on each side by vertical slabs: ramp, 1.7 m. long (E-W) and 1.15 m. wide (N-S): the steps are ~~0.71~~ 0.71 m. wide (N-S) height of ramp, 0.71 m.: ascends from floor of room b to floor of room a.

LN 0.93

Exterior c.b. chapel badly destroyed by intrusive structures and shafts: consisted certainly of a pillared hall (cf. 7660) and other rooms the ~~maxim~~ outline of which are confused by later c.b. structures.

b) pillared hall around the doorway embrasure to room a: estimated at about 8.8 x 5.25 m.: area, ca. 46.2/sq.m. with stone paved floor: roof supported by square pillars (evidence of one south of ramp to a): to be reconstructed with at least four pillars in two N-S rows of two pillars each: apparently entered by doorway in E wall opposite doorway to room a: probably other doorways N and S leading to subsidiary rooms.

Subsidiary rooms north of room b: the remains of heavy c.b. extended along the east face of the mastaba to near the NE corner: although overbuilt and penetrated by later structures, it is obvious that the exterior c.b. chapel covered practically the whole E face of the mastaba: in and over these rooms to the north was built the mastaba G 7766:

Subsidiary N niche: towards N end of mastaba: outer recess, 1.13 x 0.35 m.: inner niche, 0.33 x 0.31 m.: not inscribed or decorated.

Decoration of room a of chapel G 7760: "Prince" Mindedef: see LG 60. LDII, pl. 33

Ka-door: Architrave: found displaced on floor of chapel: with frags of wall above and to left adhering to it: On the left end of the architrave, seated man holding staff in left hand and handkerchief in right, facing to right: long full wig, broad necklace, short skirt, and hry hb sash: in front of him inscriptions written in short vertical columns (not separated by lines), signs right:

..... htphnty sh ntrkrš.....
smyt imnt.t nfr nb im!h (hr) ntr c; pr n-f.....
wp rnpt Dhwtj (tp rnpt) w!ghb.....
prt Mnw s; ^dmonthly and half monthly feasts m hb nb rc nb
iry pcty (d!st) bity h!ty-c iry Nhn s; nswt n ht-f
Mnw-dd-f.

spct

Tablet: destroyed.

Crossbar: badly weathered but recorded by Lepsius, words written vertically to form horizontal line of signs facing right, s; nswt n ht-f (mr)y-f...n it-f(hry) ššt; nb nt nswt iswt-f nb Mnw-dd-f.

Drum: s; nswt n ht-f Mnw-dd-f.

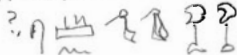
Back of inner niche and the two back panels of the outer niche decorated with palace facade: on inner niche, four doors and five panels with four rectangular bands above; on the backs of the outer niche, three and four panels respectively with paired papyrus flowers above niches.

Sides of inner niche, not decorated.

Sides of outer niche: on each registers of estates facing in:

N side: three and perhaps four registers, each with one estate facing in:

- (1) at top as preserved, woman, labelled Hwfw-w!-šndtš
- (2) woman with basket on head and object in left hand obliterated, Ht-(K!?) (det. two n signs):
- (3) nearly obliterated but two large bird-heads with two 1000-signs beneath.

?
 1/ my notes have
 ?  ?

S side: same number of registers with estates facing in to right:

- (1) woman with basket on head steadied by left hand: milk jar in right, Hwfw-mn-(?)-htpwt:
- (2) man with basket on head, Hwfw
- (3) figure obliterated (waman?),-lwt.

W Wall, south of ka-door: from the upper part of the wall(attached to architrave) small male figure bending over to the left: on the wall below are at least three registers each with three estates facing in to right:

- 1) only feet of three ~~registers~~ figures, man, woman, man: in front of the first is visible a nlwt-sign.
- 2) three estates facing to right, man, woman, man: ~~in front of~~ all with baskets on head and right hand obliterated: labelled (a)(cartouche)-c;-df!:
 (b)woman,sh(t):
 (c) man, ~~man~~, (Hw)f(š) (cartouche)-df!(?).

W Wall; over ka-door: attached to the architrave is a fragment of the wall above which shows part of a picture list of offerings horizontal row of round cakes, bread in pans, etc.

W Wall, north of ka-door: on the right (N) end of the wall stands Mindedef with his wife behind him: man wears full wig, panther skin and short skirt: holds staff and wand: wife has her ~~right~~ right arm linked around his right ~~left~~ upper arm and his left hand on his left forearm: between man and staff, a small naked boy grasping the staff with his right hand, s!-f Rc.....

-: in front to the S are the remains of four registers (originally five) of small figures facing to right:
- 1) obliterated except for the legs of the first man (probably a scribe).
 - 2) five men bringing birds and animals to right:
 - (a) holding two birds in left hand and one in right hand grasping them by their necks.
 - (b) carrying goose in arms:
 - (c) carrying crane in his arms:
 - (d-e) apparently carrying small animals in their arms.

- 3) continuation of reg.2:
 - (a) holds up goose in left hand and carries another in right hand hanging at his side:
 - (b) holds up a haunch of beef:
 - (c-d) two men cutting up a bull.
- 4) men bringing in animals to right:
 - (a) pulling and (b) pushing an oryx: (c) leads in an animal (d) following animal.

N and S Walls: obliterated completely or not decorated:

E Wall: only south end of wall preserved showing parts of three registers: the chief figure or figures must have been at the N end of the wall facing in to right (cf. seated figure in G 7140):

- 1) obliterated except for base line.
- 2) from left to right, edge of skirt held by man facing to left: two men bearing a second garment, facing to left (see ~~again~~ E wall of G 7140): above garment is written horizontally.....m!st.
- 3) four rectangular tables with jars set in holes in tops.

N door-jamb: Mindedef and wife seated on one chair facing out to right: man holds staff in left hand: other details, ~~obliterated~~ obliterated: over wife's head is written rht nswt Hwfw-cnj.

S Doorjamb: destroyed.

Shafts in G 7760: two shafts in medial axis: A, wife's shaft on N and B, man's shaft on S.

[10.95 crossed out] 6.40 m.

Shaft G 7760 A: wife's shaft: excavated December 1929.
 2.1 x 2.06 m., -10.95 m. in rock: lined above with massive masonry, 4.65 m., 5 courses.
 Chamber: type 3 bfx: on S: 3.3 x 2.65 m. and 1.75 m. high: area, 8.75 sq.m.: capacity, 15.31 cu.m.: chamber unfinished with even floor and cutting begun in S wall.
 passage: 1.5 x 1.0 m. and 1.2 m. high: no trace of blocking preserved, probably of type II b(1).
 No trace of coffin or burial.
 Shaft found filled with disturbed debris: in the upper part was found an Arabic lamp of green glazed pottery (29-12-123): the complete clearing is indicative of modern plundering (Reis Ibrahim Faïd said that they had the shafts in G 7750 and G 7760 had not been excavated in his time).

Shaft G 7760 B: man's shaft: 1.95 x 1.95 m.: -11.4 m. in rock: lined with massive masonry, 5.15 m., 6 courses.
 Turning recess in N wall of shaft: 1.55 m. wide (E-W), 0.9 m. deep and 1.5 m. high: floor of recess is 0.78 m. above bottom of shaft.
 Chambers: two connecting chambers, I south of shaft and II a coffin chamber, opening in S end of W wall of I.
 cf. G 7660 shaft B.
 Chamber I: type 3 a1: on S: 4.65 x 5.3 m. and 3.55 m. high area, 24.65 sq.m.: capacity, 87.51 cu.m.
 Passage: 2.1 x 1.25 m. and 1.65-1.8 m. high: blocked with masonry set in plaster, type II b(1) removed along the W side.

Chamber II: coffin chamber, E-W chamber entered by passage opening in S end of W wall of room I: on W: 4.4 x 3.65 m. and 2.2 m. high: area, 16.06 sq.m.: capacity, 35.33 cu.m.
 Passage: 1.7 m. long (E-W) x 1.4 m. wide (N-S) and 1.77 m. high: the opening of the passage in room B, at floor level, is 1.45 m. high: step down, 0.32 m. from floor of room I to floor of passage: the passage enters room II at roof level with step down, 0.43 m., from floor of

passage to floor of room II: probably blocked with masonry set in plaster, broken away but the blocks were found scattered partly in SW corner of room I and partly on the floor of room II.

Coffin: red granite sarcophagus of type d, inscribed, stood N-S along W wall of room III 2.3 x 0.95 m. and 0.85 m. high: (1.04 m. high with lid): cavity, 1.78 x 0.55 m. and 0.6 m. deep: flat lid with two rough projecting handles on each end, partly sawed off on S: inscribed on E side only with a horizontal (signs facing to N), nswt dy Inpw htp hnty sh ntr krs m smyt imntyt m nb i im!h hr ntr c! iry pcty d, ty bity iry Nhn s; nswt Mnw-dd-f: now in Boston Museum.

Canopic pit in SW corner of room II, south of coffin: 0.65 x 0.5 m. and 0.5 m. deep: with rebate on all four top edges for slab lid.

Total area of rooms I and II, ~~xxxxxxx~~ 40.71 sq.m.
Total capacity of rooms I and II, 122.84 cu.m.

Objects found: on the lid of the coffin was a damaged skull: around lay a few broken bones: but no objects were found either in shaft or chambers.

is inexplicable

The shaft was filled with disturbed debris which had run into room I around the doorway: the facts are ~~explicate~~ and in particular the presence of the granite coffin and the absence of all trace of burial equipment.

Later Constructions:

The field of small and medium mastabas east of G 7750 also runs along the E face of G 7760 and had been partly overbuilt and partly penetrated by structures and shafts of the Ptolemaic Roman Period.

Old Kingdom

Against the E face of the mastaba towards the N end, is an x-shaft which appears to be of the ~~Old Kingdom~~ and begins at rock level: probably subsidiary to G 7760.

Shaft G 7760 X: 1.64 x 1.54 m., -9.85 m. in rock: not lined above. Chamber: type 4 a(1) on W: 2.5 x 2.13 m. and 1.1 m. high: area, 5.4 sq.m.: capacity, 5.95 cu.m.: chamber unfinished with floor on south not cut down and with four horizontal grooves cut in W wall in process of enlarging the chamber westwards.

Passage: 1.3(N-S) x 1.08 m.(E-W), and 1.1 m. high: no blocking.

No objects found in debris but shaft is broken into by the chamber of G 7752 W.

Old Kingdom

South of the mastaba, the field of ~~Old Kingdom~~ mastabas and Ptolemaic burial continues southwards.

Note

There are two tombs each made & proceed fr. shafts G. 7760 W & G. 7760 V

6-12-42

G.F.

Zaty

G 7810: Prince Zati: in old Cheops quarry north of G 7510: mastaba western of two of which the eastern mastaba is G 7820: probably built in order of numeration: excavated by Tewfik Eff. Boulos for the Service in 1923-4 (details not recorded).

Note

Section of G 7810
could not be made
because the western
side of the mastaba
is buried. a.f.
10.8.41

See Figs..... Plan only done. a.f.

See Pls.....

Owner: Zaty,

39.0 x 20.25 m.: area 789.75 sq. m.
prop. 1/1.92

Mastaba: filled mastaba of type VI a with retaining wall of sloping blocks of nummulitic limestone dressed to a smooth sloping surface: ~~38.5 x 19.5 m.: area, 750.75 sq. m. prop. 1/2.0:~~ height, ~~5.38~~ m.: with interior chapel and subsidiary N niche

Chapel: interior chapel of type (3a) of nummulitic limestone, bonded with retaining wall: and exterior c.b. chapel with subsidiary N niche:

a) interior offering room of type (3a) with plain compound ka-door near S end of W wall: decorated with carved reliefs (not sized technique): 4.2 x 1.5 m.: area, 6.3 sq. m.: prop. 1/2.8: plain compound ka-door of which the outer niche measures, 1.12 x 0.4 m.: inner niche measures, 0.35 x 0.35 m.: entered by doorway in N end of E wall, opening in embrasure in face of mastaba: room paved with stone with floor 0.25 m. above rock: entered exterior chapel on same floor level.

Exterior c.b. chapel partly destroyed: but consisting of at least three rooms:

b) hall around embrasure of doorway to a:
4.45 x 2.3 m.: area, 10.32 sq. m.: with doorway in E end of N wall and another opposite in E end of S wall: area of room and under walls, paved with stone: in the SW corner is a rectangular offering basin, the c.b. wall on the E is 1.0 m. thick but being built against the slope of the back of G 7820 probably widened upwards: the pavement extends to an E-W line 3.0 m. north of the N side of room b and either the north was very thick (3.0 m) or a small room lay north of room b.

c) south of b: the c.b. wall on the east against G 7820 is preserved but the walls against the face of G 7810 ~~are~~ destroyed. The two doorjambes in the E wall indicate that room c was 3.2 m. long. the opposite side is so obliterated that it cannot be ~~determined~~ whether c was a N-S corridor or a room.

d) the east wall again indicates a room south of c with a length 4.4 m. long: the structures on the W appear to be intrusive.

Total area, a-b, 16.62 sq. m.: but total of b-d, cannot be accurately estimated.

Subsidiary N niche: monolith recessed in sloping face of mastaba: outer recess, 1.1 x 0.37 m.: inner niche, 0.4 x 0.35 m.: not inscribed.

Decoration of room a of the interior chapel:

Ka-door: near S end of wall:

Architrave: missing.

Tablet: man seated facing to right at table of bread in the traditional attitude: wearing later form of panther skin over a short skirt (not the early long robe): table and chair raised on platform (mat?): opposite man, his wife seated at a separate table of offerings facing to left: with both hands half extended towards offering which is heaped with rounded mass of meat(?) and cakes(?): wearing lappet wig and tunic: under the two tables is an ideographic list (bread and beer under wife's table

L determined

on right and ointment and linen underneath between the two tables): over the wife's table, three cuts of meat on a long platter; above both tables a horizontal line giving a short list of offerings mw with hand, ewer and basin: nswt htp: nnt(?swt?): h/w: hst ht....
.....rt(igt nb nfrt?): across the top of the table the horizontal line giving titles and name is nearly obliterated: over the man can be read (signs facing to right)(imy-r!) mšcw D!ty.
 Crossbar: horizontal inscription with signs facing to right, broken at both ends: (nswt) s! n ht-f imy-r! mšcw D!(ty)
 Drum: s! nswt D!ty.
 Inner recess: not decorated.
 Outer recess: two back panels and two sides decorated with palace facade panelling.

W Wall, south of ka-ddor: three registers of offering bearers facing to left and attached to table scene on S wall:
 1) three men standing facing to left: (a) censing with double bell-censer: (b) hold birds: (c) carries a long box over his shoulder.
 2) three figures, standing: (a) carries x: (b) a goose in his arms: (c) a piece of linen held out in each hand.
 3) three men standing: (a) obliterated: (b) carries x: (c) carries strip of linen held out in each hand:
 The figures were labelled and the following can be made out:
2(b) hm-k! Nfr: 2(c) hm-k!.....: 3(b), hm-k! Pry:
3(c), hm k! K!y.

W Wall, north of ka-ddor: large figure of man at N end of wall, standing facing to left: with staff in right hand and handkerchief in left: full wig and panther skin over short skirt: in front between the man and his staff stands a small boy, labelled, (s!-f n ht-f) šmsw mry(-f).....
 in front of chief figure are at least three registers of which the upper two at the top are badly obliterated but all figures face to right:
 1) about 6 figures, estates bearing offering to right:
 (a) a woman with the end of a namegrgt(det. town sign.
 2) estates, probably six, bearing offerings to right:
 (a) label facing to left, Hnm-špsš.....grgt (town sign det.): (b) label facing to right, dh!-sn-grgt (det. town sign): other details obliterated.
 3) two slaughter scenes, with illegible labels above.

N Wall: family group: large figure of man and wife seated on same chair, facing out to right: man with staff in left hand and with right hand extended along his thigh: the wife wears lappet wig and tunic and has her left arm around man's shoulders and right hand resting on his right elbow: over the heads badly obliterated inscription in vertical lines,šmr D!(ty).....ib (name of woman ending in ib): between man and staff, stands a small naked boy, facing out ~~holding~~ grasping man's staff with left hand.
 On the right, are three registers of children squatting facing in to left: the upper two registers are nearly completely obliterated: the lowest register shows two figures: (a) labelled (s!-f: (b) s!-f n ht-f.....

S Wall: table scene: Zaty seated at table of bread facing to right: wears panther skin over short skirt: in traditional attitude: under the table on left ideographic list (ointment, linen, bread and beer): on the right of the table below is at least one standing figure labelled, s!-f n: probably the sole figure: above the table and the figure a horizontal line continued in second line to right of bread, giving the short list of offerings (bull's head, calf's head in the second line): above this is a badly preserved old compartment list (as on slab stela) showing in the lowest part six ointments each determined with stone vessels: vertical lines separated by raised line horizontally and

me

vertically: the top lines each contained the word h;tyt: the second horizontal line shows in word case (thn)nw and contained the names of the six ointments; the third horizontal line contained the determinative, a stone vessel in each case.

E Wall: presentation scene: at S end, a large figure of man, ~~***~~ standing with staff and wand, facing to out to left: in front of the chief figure were 5-6 registers of small figures of which only parts of two lowest registers remain:
 1) feet and hooves indicate man bringing in animals or cattle to right.
 2) small cattle (goats or sheep) facing to right: behind them two standing men with arms crossed on breast, one clad in mat-skirt (obviously herdsman): label over men, * illegible.

North door-jamb: obliterated.

S doorjamb: also obliterated but a vertical line of the outer edge appears to end with the name D;ty. *

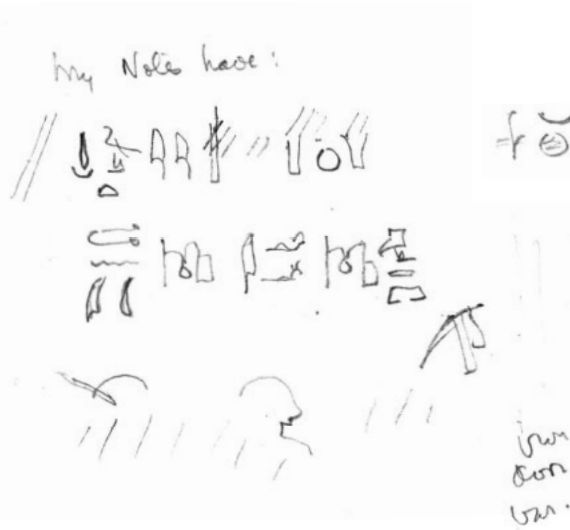
N facade-panel: in doorway embrasure: man and wife standing, facing in to left: man with hands hanging at sides: wife with right arm around his left and left hand resting ~~on the~~ also on the left arm of the man: vertical line of signs facing to left on left edge of panel,(imy-r!) mšcw imy-r! k;t nb n (t nšwt).....: on the right behind the pair, stands the son facing also to left, hold papyrus roll against his breast with right hand, and left hand is hanging at side: over his head, s;-f šmšw(?) mry-f wr md šmcwy imy-r! k;t nt nšwt D;ty.

S Facade Panel: man standing facing in to right, with hands hanging at sides: wearing short skirt and hry-ḥb sash: in front of him a vertical line,imy-r! mšcw (imy-r!) k;t nbt nt nšwt, probably continued in horizontal line in front of face, (s; nšwt n ḥt-f D;ty).

Behind the chief figure two registers of small figures are preserved, standing facing in to right:
 1) two men, (a) carrying scribe's case: (b) a staff and bag.
 2) a single standing man, facing to right, with shirt wig and probably short skirt: with right hand hanging and left obliterated: Over him a horizontal inscription, s;-f šmšw D;ty: before him a vertical inscription, wr md šmcwy imy-(r!).....

Shafts in G 7810: two shafts in mastaba, A (wife's shaft) on N and B (man's shaft) on S: in medial axis of mastaba.

Shaft G 7810 A: Excavated by Tewfik Boulos for the Service, 1923-4, wife's shaft: 1.93 x 2.05 m. at top and 1.9 x 1.78 m. at bottom: -14.85 m. in rock: lined with massive masonry above, 4.5 m., 7 courses.
 Turning recess in N wall of shaft: 1.25 m. (N-S) x 1.77 m. (E-W) and 1.0 m. high with horizontal roof and floor at 1.3 m. above floor of shaft which is cut in steps on N side.
 Chamber: type 3 afx, with low roof: on S: 3.9 x 4.65 m. and 2.5 m. high: area, 18.13 sq.m.: capacity, 46.32 cu.m.: roof only 0.2 m. above roof of passage.
 Passage: 1.5 x 1.45 m. and 2.0-2.3 m. high: roof horizontal but floor irregular and sloping down from floor of shaft to floor of chamber: no trace of blocking, but probably of type II b(1).
 Coffin pit: along W wall of chamber a coffin-pit: 2.5 x 1.17 m., and 0.5 m. deep: no trace of coffin found by us.
 Canopic pit: in SE corner, 0.62 x 0.62 m. and 0.55 m. deep: no rebate.
 Excavated by us in January, 1936: found filled with disturbed debris dumped in by Tewfik Eff. Boulos containing only a few intrusive fragments.



Note: There is some confusion in the numbering between the two versions of the manuscript concerning 7810 and 7820.

Shaft G 7810 B: excavated by Tewfik Eff. Boulos for the Service:
 man's ~~wife~~ shaft: 2.1 x 2.1 m. at top and 1.95 x 2.0 m. at
 bottom :-14.6 m. in rock: lined above with massive masonry,
 4.3 m., 6 courses.
 Turning recess in N wall of shaft, 1.95 (N-S) x 2.05 (E-W)m.
 and 1.77 m. high, with horizontal roof: opens at level
 of ~~passage~~ bottom of shaft.
 Chamber: type 3 bf, with high roof: on S: 4.6 x 4.3 m. and
 3.2 m. high: area, 19.78 sq.m.. capacity, 63.29 cu.m.:
 roof of chamber, 2.0 m. above roof of passage.
 Passage: 1.5 x 1.3 m. and 1.3 m. high: no remains of blocking
 probably of type II b(1).
 No trace of coffin, but stone coffin indicated by turning
 recess and size of passage.
 Canopic pit: in SE corner, 0.75 x 0.7 m. and 0.55 m. deep.
 Excavated by us in January 1936: found refilled with
 disturbed dumped debris containing some intrusive object:
 36-1-8, ~~9~~ faience: frags. of amulets of Ptolemaic period.
 36-1-10: alab.: frag. of flat topped circular table: diam.18
 36-1-11: alab.: frag. of stand of table, perhaps from above.
 36-1-12, 13: alab.: 4 frags.: of which one has a flat dressed
 surface (5.8 x 4.4 x 2.6 cm.): probably from statue.
 36-1-14: diorite: frag. ~~from~~ probably from statue: with part
 of an incised sign(?) on dressed surface: 5.5 x 8.0 x 2.8
 36-1-15: lst.: frag. apparently from basis of servant statue-
 tte: painted red on top and sides: round object(basket
 of basin): h., 2.2 cm.: d., 4.6 cm.
 36-1-16: faience, frag. of bowl, Ptolemaic.
 36-1-17: alab.: model basins dummy: h., 3.6 cm.: d.top, 5.0cm
 d.base, 2.4 cm.

Later Constructions:

Three intrusive shafts against E face of mastaba and one against
 N face.

G 7820: Iy-nefer and his wife Princess Nefertkauw: in old Cheops quarry east of
 G 7810, with the southern ends of the two mastabas aligne;
 the rock basis falls away to E and N and probably for this
 reason G 7820 is longer and wider than G 7810.

See Figs..... Plan & Section done. A. F.

See Pls.....

Owner: Iy-nefer,

Mastaba: filled masaba of type VI a with retaining wall of sloping
 blocks of num. lst., dressed to a smooth sloping surface:
 [crossed out and replaced with] → 43.0 x 24.0 m., area, 1032 sq.m.: prop.1/1.8: height, 6.10 .: ← [crossed out and replaced with]
 "44.50 x 21.0 m. area 934.5 sq. m." with interior chapel and subsidiary N niche. "1/2.12"

Chapel: interior chapel of type (3a) of nummulitic limestone, bonded
 with retaining wall: remains of exterior c.b. chapel:
 with subsidiary N niche.

a) interior offering room of type (3a) with plain compound
 ka-door near S end of W wall: decorated with carved
 reliefs (not sized) technique): 4.25 x 1.57 m.,: area,
 6.67 sq.m.: prop.1/2.7: plain compound ka-door of which
 the outer niche measures 1.15 x 0.3 m. and the inner
 niche, 0.33 x 0.25 m.: entered by doorway in N end of
 E wall. opening in embrasure in face of mastaba: room.
 paved with stone with floor. 2.47 m. above rock probably
 entered from exterior chapel on same floor level.

Exterior c.b. chapel: in front of doorway is a hole in the rock probably arising from the old quarrying of Cheops: in this hole has been constructed a high c.b. structure found on rock and reaching nearly the floor level of room a: this structure had been excavated to rock by Tewfik Boulos and its exact character could not be determined: it had a doorway in its N wall opening to N where it had been blocked by stone wall (mastaba?): I cannot accept this as part of the original c.b. chapel because it is too low down, is not symmetrically in relation to the doorway of room a: and was not connected with a room (c) on the south which appeared to be part of the exterior c.b. chapel: if it was of the O¹K¹ and represented a reconstruction of the c.b. chapel then it must have contained a long flight of steps leading from its floor to the level of the doorway of room a.

b) hall around the doorway of room a: now entirely destroyed: probably originally at least 3.3 m. long by at least 3.7 m. wide (E-W). 3.7

c) at the S end of the mastaba face is an E-W room which appears to be part of the original chapel: 1.55 x 3.3 m. area, 5.11 sq.m. the S wall was 1.6 m. thick: the E wall is not completely preserved: the N wall which separated c from b or from d, is 1.1 m. thick: entered by doorway in E end of N wall: the space north of this wall was obviously part of room which was wider in the E-W direction and may have been another subsidiary room or part of the hall b: thus there hall b appears to have wider than 3.3 m. E-W and to have had at least two other rooms, one east of c and another between these two rooms and b.

[crossed out and replaced with] "5.73 sq. m."

Subsidiary N Niche: . . . in sloping face of mastaba
outer recess, 1.10 x 0.36m.: inner niche 0.39 x 0.29m

Decoration of room a of chapel of G 7820:

All reliefs obliterated except on small part of ka-door:

Ka-door:

Architrave: missing.

Tablet: obliterated except for lower right hand corner: showing bird head and animal head (oryx?) with a raised horizontal line above: apparently there were other horizontal lines of offerings (short list).

Crossbar: inscription with signs facing to right:

.....dy Inpw hnty šh ntr prt-r-hrw n-f (det. beer and bread) rc nb monthly and half monthly feasts m w!g.

~~Drum~~

Drum: apparently two horizontal lines: (1) illegible titles (2) Iy-nefer(t) (det. man seated).

Inner niche: not decorated.

Back of outer recess: on the N standing figure of woman facing in to right: above her head 4 vertical lines with signs facing to right: (1) (s;t nswt) nt ht-f? (2) im!h hr ~~it-s~~: (3) hm ntr Nt (4) Nfirt-k!w

N Doorjamb: on left, legs of woman standing facing out to right: rest obliterated: probably standing behind her husband.

S Doorjamb: obliterated.

N Facade Panel: man and wife standing facing in to left: man with shm wand: in front of man is a boy: between the man and wife is a small girl labelled s!t s!-f^s Nfirt-(k!w).

S Facade Panel: man standing with staff and wand facing in to right: in front of him two children: behind him a larger figure with roll on left hand held on breast and right hand hanging, probably his eldest son.

Should be

33
33
↑
111 8 0

Shafts in G 7820: two shafts in medial axis I A, on N and B, on S: the wife is a princess and may therefore have been buried in the chief shaft B, with her husband buried in shaft A.

Shaft G 7820 A: 2.1 x 2.25 m.: at top and 1.8 x 1.9 m. at bottom: -11.0 m. in rock: lined with massive masonry above, 3.9 m., 4 courses.
 Chamber: type 4 b(1) with unfinished roof(probably designed as type 3): on S: 2.7 x 2.55 m.: and 1.75 m. high: area, 6.88 sq.m.: capacity, 12.04 cu.m.
 Passage: 1.35 x 1.2 m. and 1.4 m. high: blocking, remains of rough masonry wall, type II c(2?).
 No trace of coffin: no canopic pit or recess.

Shaft and chamber found filled with dumped debris but to a height of doorway: excavated by Tewfik Boulos in 1923-4 reexcavated by us in January, 1936.

Shaft G 7820 B: 2.12 x 2.0 m. at top and 1.92 x 1.85 m. at bottom: -16.55 ~~xxxx~~ m. in rock: lined with massive masonry, 3.42 m., 4 courses.

Chamber: type 3 af: on S: 4.1 x 4.0 m. and 2.9 m. high: area, 16.4 sq.m.: capacity, 47.56 cu.m.: ceiling marked with red construction lines on W side and on western side of N and S sides: the lines are 0.5 m. from the walls on N and W but only 0.2 m. on the S: the wall line is marked mh 1: the S line is marked mh 1 rsy: these lines seems to indicate an intention at one time to line the chamber with masonry: but the canopic pit is close to the SE corner and was made after the intention (if it ever existed) had been abandoned.

Passage: 2.05 x 1.2 m. and 1.2 m. high: no trace of blocking: probably of type II b(1).

No coffin pit ~~nor~~ trace of coffin.

Canopic pit: in SE corner: 0.55 x 0.6 m. and 0.55 m. deep: no rebate.

Shaft excavated by Tewfik Boulos in 1923-4 and refilled with dumped debris: re-excavated by us in Feb.1936: several objects and frags, of the O.K. and the Ptolemaic period were found in the debris:-

36-2-4: w.lst.: block from a wall scene in relief but only small part of the worked surface preserved: 44 x 33 cm. and 24 cm. thick: on the preserved part is an inscription in two horizontal lines in relief with signs facing to right: (1) (s!)-f smsw mry-f (2) im!h hsy-f

36-2-5: faience: uzat eye: Ptol.

36-2-6: alab.: frag. with rounded surface, from statue or statuette: 8.0 x 5.0 cm. and 3.8 cm. thick.

36-2-8: dark colored hard stone (granite?): hammer stone, much worn: 12.6 x 7.0 cm. and 6.6 cm. thick with groove near butt end.

36-2-9: sand stone (hard): used as whetstone for copper tools: green copper stains on four sides: 12.2 x 12.2 x 7.1 x 5.5 cm.

Later Constructions:

The field of small mastabas east of G 7760, 7750, and G 7510 continues northwards east of G 7820, here also with Ptolemaic structures and intruded burials: see also the exterior chapel of G 7820 described above: under the N part of the exterior chapel, the rock is broken through into a rock cut chamber of type 9, entered from the S (G 7.....).

Note

This rock cut tomb has not been numbered & measured. We have plan & section of this tomb made by T. Baulos Eff. (see his drawings)

G 7060: Prince Neferma'at, son of ^{Princess} Queen Nefertkauw (a daughter of Sneferuw) and ~~Queen~~ ^{Princess} Nefertkauw: mastaba immediately W of G 7050 assigned to ~~Queen~~ ^{Princess} Nefertkauw: with its N and S ends aligned with N and S ends of G 7050.

See Figs..... *Plan & section done A.F.*

See Pls.....

Owner: Neferma'at,

⊗ height - 4.40 m.

Mastaba: filled mastaba of type VI a with retaining wall of sloping nummulitic slabs, dressed to a smooth sloping surface (not finished on N and W): 26.25 x 11.9 m.: area, 312.37/sq.m. prop. 1/2.2: with interior nummulitic chapel and paved exterior corridor.

Chapel: interior offering room of type (3b) with palace facade door and exterior corridor.

↳ with

a) interior nummulitic chapel of type (3b) with palace facade in the middle of W wall: 4.25 x 1.6 m.: area, 6.8/sq.m.: prop. 1/2.65: palace facade door in middle of W wall, 1.90 m. wide with shallow niche in middle of door: entered from E by doorway in N end of E wall. room paved with stone: at inner end of N doorjamb, is a socket for the wooden doorpost with a groove to introduce the post into the socket: doorway opens in embrasure in E face of mastaba, 3.05 x 0.45 m.

L 25.30 x 1.53 m.

b) exterior open corridor between face of G 7060 and back of G 7050: paved with well dressed slabs of num. 1st.: N end of corridor closed with nummulitic wall not bonded with mastaba but built against the sloping surface of both mastabas: wall, 1.57 m. (E-W) at bottom and ~~0.95~~ ^{0.95} wide, with slightly sloping face on N: built before pavement: corridor b measures ~~4.00~~ ^{3.97} x 1.53 (S end) to 1.6 at N end: area, ca. ~~40.00~~ ^{39.72} sq.m.: no trace of doorway on S nor of roofing.

Place of the niche is broken away and measurements cannot be taken

A.F.
5-3-40.

Subsidiary N niche in corridor b towards the N: ~~outer niche,~~ ^{outer niche,} ~~place of niche is broken away and measurements cannot be taken.~~

Decoration of room a of chapel G 7060: Prince Neferma'at: Nummulitic chapel of type (3b): carved reliefs (not sized technique)

Architrave of ka-door: inscription of two horizontal lines in relief, with signs facing to right: on the left is the prince seated with staff, full wig, and short skirt: facing to right: Lepsius LG 57:

- (1) nswt bity snfrw s;-t-f nt ht-f smswt Nfrt-k;w s; n-s smr [wcty]..
- (2) ~~rp;t s; nswt smr wcty~~ (?) h;ty-c; t;ity s; b t;ty, wr pr l

↳ Dhwtyt, hrp ch,

hrp izwt ntr ntr

[? [bay?]

H nfr s; (?)

W Wall, north of ka-door: large figure of Neferma'at, standing facing to left with staff and handkerchief: wears necklace, full wig, and panther skin over short skirt, holding staff of man with right hand and with left hand hanging at side: over his head is written vertically, s;-f smsw d;ty bity mdw H; Snfrw-hc-f. ^{sd;wt}

W Wall, south of ka-door: ~~large figure~~ man and wife standing facing to right: man with staff and handkerchief, full wig, broad necklace and short skirt: wife behind him, wears lappet wig and long tunic: her arm around his shoulders with left hand on his left shoulder, and her right hand hanging at side: above their heads are ~~five~~ vertical lines of inscription, signs facing to right: ~~(1) rpy pty s; nswt~~.....

/six

- (1) rp;t s; nswt smr wcty: (2) h;ty-c;.....
- (3)wr pr-Dhwtyt.
- (4)(Nfr-m;it.
- (5)
- (6).hm ntr Mr-s-cnh.

N Wall: nearly obliterated: a subregister shows traces of more than five figures proceeding to left.

S Wall: east side of wall broken away: offering scene: on W man seated facing out to left: wears full wig, broad necklace and short skirt(?): over his head, five vertical lines of signs facing to left containing titles and name but nearly illegible
1) rp't s; nswt n ht-f mr(2) h;ty-'m.....s;w (Nhn), hry tp nhb.....: 3).....: 4).....:5).....Nfr-m;t.

under the chair lies a hunting dog named cbw.
In front of man, above the remains of a picture list of offering, parts of three registers:-
(1) at right end, two brussed birds on circular table and small pan with bread(?) on ground below.
(2) at right end, three tall jars in ring stands (two with spout).
(3) at the right end, at top of register, top of a large bowl with cover.
Beneath the whole scene ran a subregister of dancers of which only two women clapping hands are preserved at the right end: possibly musicians and dancers to left.

E Wall: presentation scene:

At S end of wall, man and wife standing facing to left: man with staff and skirt: wife, only feet remain. in front of of man, a vertical line of inscription, m;! (ndt) hr innt m niwt-(f)nt pr-f nt dt.

To the left are four registers of men bringing animals to right: ~~(a) holding a roll before him reading scribe~~
~~(b) standing facing to right in respectful attitude with arms crossed(?) on breast~~
~~(c) also standing but broken away above the waist~~
The north end of wall is broken away

- 1) top as preserved: three standing figures facing to right: (a) holds roll before him. reading scribe: (b) standing facing to right in respectful attitude with arms crossed(?) on breast: (c) also standing but broken away above the waist?
- 2) men bringing cattle: (a) carrying hunch of beef in left arm and leads bull by halter with right hand: (b) places his left hand on bull's back and reaches back with his right to lead in another animal: rest broken away.
- 3) men bringing two oryxes: (a) a tethered oryx, labelled rnn m;hd: (b) two men bringing a second oryx which resists; the first man pulls and the second pushes the oryx: labelled rnn m;hd: rest broken away.
- 4) a procession of large birds: (a) ~~axxtethered oryx~~ ~~labelled rnn m;hd~~ (b) ~~axxtwo men bringing a second oryx~~ a crane d;t: (b) a second crane, d;t: (c) a third crane, wd;w (d) fourth crane, w.....

Door-jambs: obliterated.

Facade panels: not decorated.

Shafts of G 7060: two shafts in medial axis, A, wife's shaft on N and B, man's shaft on S.

Shaft A: wife's shaft: 1.75 x 1.75 m., lined with small masonry, 2.6 m. ends at rock, type 7 X: no chamber or trace of burial: perhaps unused.

Shaft G 7060 B: man's shaft: 2.1 x 2.08 m., -12.8 m. in rock: lined above with massive masonry, 5.0 m., 5 courses.
 Chamber: type 4 b(4)x: on S: 4.75 x 3.7 m. and 2.0 m. high: area, 17.88 sq.m.: capacity, 35.76 cu.m.
 red construction line on the ceiling E-W lines and four N-S lines: the E-W lines measured from N wall of the chamber are at distances of 0.5 m., 1.0, 3.2, and 4.15 m.: the N-S lines measured from the east wall at distances of 0.52 m., 1.25 (medial axis of passage), 2.4 m, and 3.15 m. from the E wall.
 Passage: 1.47 x 1.7-1.95 m. and with minimum height of 1.55 m. floor sloping slightly: roof horizontal but with edge on shaft side cut away to introduce coffin: blocking of large block of stone set in plaster, type II b(1): upper part of blocking removed.
 Coffin: krst coffin of fine white limestone smoothly dressed: type e, uninscribed: standing along W wall of chamber set N-S: 2.65 x 1.3 m. and 0.8 m. high: (1.185 m. with lid): cavity, 1.83 x 0.6 m. and 0.575 m. deep: heavy krst lid slightly vaulted with heavy end bars and two rough projecting handles at each end: red nfr sign painted on S end (foot end) of both lid and coffin.
 Canopic recess in W wall end of SW wall: 0.8(E-W), 0.8 m. deep and 0.85 m, high: no rebate.
 Burial: inside the coffin five frags. of limb bones, one broken rib.

Shaft found open to a depth 10 m.: but rest of shaft and chamber filled with disturbed fairly clean debris; apparently the recent excavation of the chamber had been abandoned or was made by illicit excavators.

Objects found in shaft:

- 26-2-60: 1st. frag. of faience cornice of false door stela: two fitting frags.: carved and painted.
- ✓ 26-2-61: 1st. two fitting frags. of large basin: h., 20+ cm. diam. base. 13.4 cm.: incomplete.
- 26-2-62: and 62: two frags. of alabaster, one from a vessel and the other from slab or table.
- ✓ 26-2-64: coarse RW: tray: h., 3.0 cm.: diam. top, 32 cm.: d.base, 27 cm.
- 26-2-65 to 67: faience: frags. shawabti: amulet: cyl. bead: Ptol.
- 26-2-68, 69: bronze(?): frags. Ptolemaic.

Objects found in chamber:

- ✓ 26-4-87: RW(red wash): beveled bowl, type C-XXX (with plain rim) h., 11.2 cm.: diam. rim, 42.4 cm.: h. of top, 5.6 cm.: diam. bend line, 39.2 cm.
- ✓ 26-4-88 to 90: w.1st.: three domed lids from canopic jars:
 88) h. 4.0 cm.: h. dome, 3.6 cm.: max., diam. 14.4 cm.
 89) h., 4 cm.: h. dome, 3.6 cm.: max. diam., 16 cm.
 90) h., 7.4 cm.: h. dome, 5.3 cm.: max. diam., 18.4 cm.
- ✓ 26-4-92: RW: jar of type II b(1): frag. from top part: h., 6.8 cm. (probably ca. 30 cm.): d.rim, 9.4 cm.: d.neck, 9.2 cm.: d.max., as preserved, 16 cm. (probably about 23 cm.).
- ✓ 26-4-93: RW: frag. of bowl, flat bottom, contracted mouth and lip spout: type LXXII: h., 4.5 cm.: d.top, 8.6 cm.: d.max., 9.2 cm.: d.base, 6.2 cm.: large model.

Later Constructions:

At the NW corner of G 7060 ended all traces of the wide rubble wall which ran from there eastwards to a point south of the SE corner of G 7140 and was filled in south of Pyr. G I-c and south of street 7000, to bring the level of the area north of the wall up to the base of Pyr. G I-c: like G 7050 the mastaba G 7060, later than the rubble wall was built outside and close to this wall: the area between these mastabas and G I-c had been occupied in Saitic-Ptolemaic times by an enclosure marked by a curving wall.

South of G 7060 and G 7050 was an open passage from which the chapels of the three mastabas G 7050, 7060, and 7070 were entered: south of G 7060 was a rubble lined structure, apparently a construction plan for some structure further

west: it measured 16.1 m. long (E-W) and 7.0 m. wide (N-S): westwards it was continued ~~but~~ by a filled structure with retaining walls of c.b. which was built against the W end of the rubble structure beginning opposite SE corner of 7070: the c.b. place could not be followed westwards because of the tourist path to the Sphinx: this composite structure or at least the c.b. part appears to have been constructed after G 7070 which closes the E-W passage giving access to the chapels of G 7060 and G 7070 at its Western end.

South of the area in question, the rock surface slopes SSE and is covered a deposit of mason's and quarrymen's debris about 3-4 m. deep: this layer decreases from towards the south and southeast owing to weathering: on the surface of this debris stood in the O.K., a number of small mastabas with rubble lined shafts but the mastabas have been completely denuded away leaving only the denuded shafts.

Under the layer of debris which bore the O.K. mastabas was a wide inclined construction plane (with two heavy retaining walls of rubble (mud plastered on outside): which lead up to the north and appeared to have been used during the construction of Pyr.I or the nucleus mastabas: there we were unable to establish a connection between this old plane and the later plane south of G 7060.

Later the whole area, called by us G 7000 SW, was covered with Ptolemaic structures, denuded away, and filled with intrusive burial shafts of the same period.

✓
G 7070: Sneferuw-khaf: son of prince Neferma'at west of G 7060 but shifted 3.7 m. to South, but not enough to give the chapel an open view to the east.

Mastab
See Figs..... *Plan & Section done A.F.*

See Pls.....

Owner: Sneferuw-khaf,

Mastaba: so similar to G 7060 that the two were probably constructed not far apart in time: filled mastaba of type VI a with retaining wall of sloping num. 1st. dressed to a sloping surface (not completely finished on S, W and N): 26.0 x 12.85 m.: area, 334.1/sq.m.. prop.1/2.02:√h., 5.40 m. with interior chapel and subsidiary N niche.

Chapel: interior nummulitic offering room of type (3b) with palace facade ka-door in middle of W wall and serdab on South:
a) interior offering room of type (3b) with palace facade ka-door in middle of W wall: 4.25 x 1.6 m.: area, 6.8 sq.m.: prop.1/2.65:√(exactly same size as chapel G 7060): palace facade door in middle of W wall, 1.79.. m. wide, with shallow niche in middle of door: entered from E, by doorway in N end of E wall: opening in embrasure in face of mastaba 3.05 m. wide (N-S) and 0.33 m. deep: room paved with stone partly torn up in recent times: serdab south of S wall.

b) Exterior open passage between face of G 7070 and back of G 7060, not paved, but closed at N end with wall(as G 7060), 2.7 m. long (E-W) at bottom but widening upwards following the slopes of the two mastabas which it connects: the wall is 1.25 m. thick (N-S) at bottom but being battered on both faces decreases to 0.85 m. thick at top: the open passage from this wall to the SW corner of G 7060 is 21.25 m. long: the width at base of dressing is 2.7 m.: the floor apparently of packed 1st.debris has been denuded particularly at the S end to a little

below the level of the chapel: it opens at the south without doorjambs into the E-W passage south of G 7060, which is about 5.0 m. wide.

Serdab: E-W serdab, south of S wall with window opening in vertical slot in middle of wall and about 1.2 m. above the floor: serdab measures, 1.25 x 2.77 m.: and 3.4 m. high, area, 3.46 sq.m.: capacity, 11.76 cu.m.: entered from chamber by widening window slot and broken into from ~~xxxxxx~~ south through S wall: found filled with debris: no objects.

Decoration of room a of chapel G 7070: Sneferuw-haf:

Offering room of type (3b) partial decorated with carved relief (not sized technique):

Ka-door: palace facade door in middle of W wall, 1.77 m. wide:

Architrave: on left end, a seated figure of man facing to right with staff in left hand and right half extended: full wig and: in front of him two horizontal lines with signs facing to right separated by raised lines:

- (1) nswt bity Snfrw s;-t-f nt ht-f Nfrt k;w s; n-s d;sty bity Nfr m;ct.
- (2) s;-f d;sty bity mdw H;p smr wcty h;ty-c iry Nhn iry P nb Snfrw-hc-f.

W, N, and S walls otherwise undecorated: in middle of S wall, ~~w~~ window slot of serdab.

N Doorjamb: nearly completely obliterated: on base line of scene feet of large figure of man facing to right with staff in left hand: behind him another slightly smaller figure of man also facing to right, probably eldest son: between man and staff, feet of small boy also facing to right.

S Doorjamb: recorded by Lepsius, L G

Large figure of man standing facing out to left with staff in right hand and handkerchief in left: behind him stands a slightly smaller figure probably his eldest son with two vertical lines of inscription partly preserved (1) traces only: (2) hm ntr Hwfw hry sst;(K;-m)nfrt;: in front of man's staff a small figure of a man facing to right, perhaps a funerary priest.

Entrance doorway: Architrave: found thrown down in debris of street passage b: in relief: at left end seated man facing to right with staff in left hand and right half extended: wears short wig, broad necklace and short skirt: in front of him his name is written vertically, Snfrw-hc-f: to the right three horizontal lines with signs facing to right, separated by raised lines:

- (1) dy nswt htp dy Inpw htp hnty sh ntr krs-t-f m hryt ntr swyt imnty 1(w nfr wrt imjhw hr ntr c);
- (2) prt-r-hrw wp rnpt Dhwt ty tp rnpt W;b hb wr hb nb rc nb iry pcty s; nswt d;sty bity h;ty (-c).
- (3) Nswt bity Snfrw s;t-f Nfrt-k;w s;-s pw iry pcty d;sty bity Nfr-m;ct s;-f iry pcty d;sty bity and then the name written vertically Snfrw-hc-f.

Shafts in G 7070: two shafts in medial axis: A, unused, on N and B, man's shaft on S.

Shaft G 7070 A: ^{1.55} ~~1.75~~ x ^{1.60} ~~1.75~~ m., lined with small masonry, 3.85 m., ending at rock surface: type 7 X: no chamber: no trace of burial, probably unused.

Shaft G 7070 B: man's shaft: ^{2.25} ~~1.85~~ x ^{2.45} ~~2.05~~ m.: -11.2 m. in rock: lined above with massive masonry, 5.5 m., 5 courses.
 Chamber: type 4 b(1): on S: 4.55 x 4.15 m., and 2.15 m. high
 area, 18.88/sq.m.: capacity, 38.59 cu.m. X
 Passage: 1.65 x 1.75 m. and 1.5 m. high: floor sloping down to south: roof horizontal with outer edge cut away to admit coffin (as G 7060 B): blocked with three courses of dressed block laid in plaster and resting on a layer of rubble: blocking type II b(1) with top course removed

Coffin: krst-coffin of fine white limestone, smoothly dressed type ~~e~~ e, uninscribed: standing N-S along W wall of ~~ex~~ chamber: 2.69 x 1.29 m. and 0.84 m. high (1.155 m. with lid): cavity, 1.98 x 0.59 m. and 0.65 m. deep: heavy krst lid slightly vaulted with heavy end bars and two rough projecting handles at each end: on the foot end, of ~~the south~~ *the south*...side, drawn in red in outline a pair of sandals.

Canopic recess: in W end of S wall: 0.7 x 0.7 x 0.7 m.: without rebate.

Shaft found empty to a depth of 12.8 m. from top: the rest was filled with disturbed debris which had run into chamber:

Objects found in floor debris of chamber:

- ✓ 29-10-6: alab. model of round bottomed saucer: one and a half exmples: h., 1.4 cm.: d., 5.6 cm.: *type S-IX*
- ✓ 29-10-7: alab.: model jar: shoulder jar with flat rim on body, possibly with two horizontal handles: on a ring stand: h., 7 cm.: d.rim, 2.2 cm.: d.body, 3.1 cm.: d.base, of ring stand, 2.1 cm.
- ✓ 29-10-8: alab.: model one handled jug: dummy and dummy handle: h., 7.3 cm.: d.rim, 2.8 cm.: d.body, 4.8 cm.: d.base, 2.8 cm.: *type S XIV*
- ✓ 29-10-9: alab.: model, dummy: shoulder jar with short neck and flat rim, h., 7.6 cm.: d.rim, 3.0 cm.: d.max., 4.0 cm d.base, 2.4 cm.: *type S V*
- ✓ 29-10-9 b: frag. alab. from rim of small model cylindrical jar: h., 4.0+ cm.: *type S I*
- ✓ 29-10-10: w.lst.: model: basin with flaring concave sides: h., 2.1 cm.: d.rim, 5.4 cm.: d.base, 2.6 cm.: *type S-XA*
- ✓ 29-10-11: copper (patinated): model of flat bottomed basin: h., 2.1 cm.: d.rim, 5.4 cm.: d.base, 2.6 cm.
- not drawn* ✓ 29-10-12: bronze(?) twisted object (Ptolemaic): h., 3.3 cm.: w. max., 2.4 cm.
- ✓ 29-10-13: w.lst.: canopic jar broken in ~~ix~~ 11 frags.: h., 22.0 cm.: d.body, 20.8 cm.: d.base, 12.8 cm.

Later Constructions:

The area immediately west of G 7070 could not be excavated because of the tourist road to the Sphinx: further away to the WSW stands the mastaba of Dyn.VI: G I S 12.

South of the mastaba is the construction fully described under G 7060 (q.v.): there was no passage between this plane and the south end of G 7070 and the plane was built after that mastaba has been dressed.

North of the mastaba G 7070, no trace was found of the rubble wall running eastwards from the NW corner of G 7060: at a distance of 2.77 m. on the E and 3.05 m. on the W stood a massive c.b. chapel of four rooms which formed the eastern part of the exterior c.b. chapel of G I S-10: the N wall of this chapel was in contact with Pyramid G I-c in front of this chapel and partly built over its eastern end was a rubble structure, the exact character and date of which could not be determined: between this structure and the N wall of G 7070 had been inserted a small mastaba, G 7073: west of G 7073, between G 7070 and the c.b. chapel had been inserted another small mastaba H 7071.

12) The Mastabas built in the Period from The Accession of Mycerinus to the end of the reign of Neferirkara of Dyn. V

In succession to the eight nummulitic mastabas, two mastabas of the same type stand, one of them G 7560 in line 5 south of G 7550, and the other G 7670 south of G 7660. South of G 7670 is a third mastaba of different type, the massive stone mastaba G 7690. The surface of the rock under these three mastabas slopes rather more steeply down to the SSE, and probably as a result the faces of the three are set eastwards, not in alignment with the older mastabas of lines 5 and 6.

Shepseskaf or Mycerinus

See Figs. done a.f.

See Plg.

Height of the mastaba as preserved. 3.88 m.

Re-measurements of the N niche see below.

G 7560: immediately south of G 7550 on sloping ground and set forward with its E face 5.0 m. east of the E face of G 7550 the last large mastaba built in this line; name not found; in form and size (mastaba, *skapxi* and c.b. chapel) based on the 8 nummulitic mastabas. ^{37.0 x 18.5 m.} chapel

Name: not recovered.
MASTABA: mastaba of type VI a with retaining wall of sloping slabs of num. 1st. dressed to a sloping surface; ~~38.0 x 20.5 m.~~; area ~~779.0~~ 684.5 sq.m.; prop. ~~1/1.85~~ 1/2.0; with interior chapel and subsidiary N. niche.

CHAPEL: interior chapel of type (3 a) of white limestone; exterior c.b. chapel; subsidiary N niche; outer niche 0.8 x 0.25 m., inner niche 0.2 x 0.1 m.; recessed monolith.

a) interior offering room of type (3 a) with plain compound *ka*-door near S end of W wall; fully decorated with carved reliefs but destroyed to a level just above ~~xxxxxx~~ base of reliefs on W and N wall and just below reliefs on S and E; 4.4 x 1.55 m.; area 6.82√sq.m.; prop. 1/2.84; *ka*-door destroyed; entered by doorway in N end of E wall; opening in embrasure in face of mastaba; room paved with stone; floor 0.35 m. above rock; doorway approached by four stone steps ascending from floor ~~of a b~~ of ~~a b~~.

* Exterior c.b. chapel of four rooms (b-e); measuring on outside 12.35 x 8.7 m.; area 107.44 sq.m.√

b) E-W pillared hall set symmetrically around doorway to room a; 4.2 x 7.0 m.; area 29.4√sq.m.; with two round column bases in an E-W row; diam. of bases 0.9 m.; the W column is close in front of the steps to room a; built on the floor a flight of 4 steps with a total length (E-W) of 1.1 m. and a width (N-S) of 0.75 m, ~~xxxx~~ m; in the NE corner of the hall stands a rectangular ~~xxxx~~ stone basin, 0.75 x 0.67 m.; uninscribed; enclosed on W and S by a c.b. wall, 0.3 m. thick; entered from vestibule c by doorway in E end of S wall, with recess for wooden door on inside; south of b are three rooms lettered c, d, e, from E to W.

c) vestibule room 2.6 x 1.55 m., area ~~4.13~~ sq.m.; entered by doorway in S end of E wall, opening in an embrasure in the E face of the E wall of the chapel; indication of wooden door on the inside doorway to room d with indication of wooden door on inside of d.

d) N-S room W of c; 3.7 x 2.25 m., area 8.32√sq.m.; entered by doorway from c, in N end of E wall (door in d); with doorway to e in S end of W wall, obstructed by later wall.

e) N-S room W of d and against face of mastaba; 3.7 x 1.3 m., area 4.81√sq.m.; entered by doorway(?) in S end of E wall; possibly a closed space, a serdab(?).

Total floor area, b-e, ~~46.78~~ sq.m. 46.56 sq.m.

Total area, a-e, ~~53.6~~ sq.m. 53.38 sq.m.

SUBSIDIARY N NICHE: ~~in~~ sloping face of mastaba outer recess 0.86 x 0.8 m.; inner niche 0.25 x 0.8 m.

DECORATION OF ROOM a OF CHAPEL:

Offering room of type (3 a) of white limestone with carved reliefs in good style; walls so destroyed that decoration was preserved only on W wall north of *ka*-door and on N wall; a few fragments

were found in the debris of the chapel.

KA-DOOR: only the N side of the outer niche is partly preserved: two lower registers ~~remain~~ remain: men bringing funerary meal.

- 1) two tables of food one above the other and a standing man facing to left holding up a third table of food.
- 2) man standing facing left holding out a wine jar in right hand and a ~~table~~ cake or loaf of bread in basin in his left hand.

WEST WALL: north of ka-door: presentation scene with sub-register; the wall is to be reconstructed with a large figure at the N end of the wall, standing facing to left with his feet on the base of register 1 as preserved: in front of him a number of registers of which only one is preserved:

- 1) (a) on the right, scribe squatting, writing, facing to right; b) part of a judgement scene, man grasping and beating another man leaning over to right; c) herd of goats being driven to right by one herdsman with stick.

✓ Fragment 29-7-16 showing a squatting scribe may have come from this wall in front of (a), above.

- 2) Subregister: nine men presenting offerings: a-b) two men standing holding out two strips of linen (one on each side of man); c) man standing facing right, holding out in each hand, on each side of him, a cylindrical jar; d) carrying staff over his shoulder, left hand not clear; e) man with sandals in left hand and a roll of papyrus in his right hand against his breast; f) carrying two bags, a long clothes bag against his body in right hand and a smaller bag hanging from his left hand; g) two men bringing a bull, one leading and the other driving with a stick, labelled iw; pr mdt; h) man holding up a bunch of three papyrus stalks on each side.

Fragment 20-7-14 probably came from the back of the outer niche on the south side, showing parts of three vertical lines with signs facing to right, with a border down the outer edge: 1).....shm-hs(?)-km(hm ntr) wjdt, 2).....hry wdb..(vertical sign) ht-'nh m....; 3) broken away; evidently titles and name over standing man facing to right (probably the owner).

"20-7-14" mentioned here is a typographical error, most likely for "29-7-14."

drawn

NORTH WALL: consisting of chief scene, a swamp scene, above and one register below; upper scene nearly destroyed. There remains a small part of the swamp at top, clearly seen in a rectangle of rippled water extending from the west wall to above the inscription of the second figure from the E in the subregister. The scene may be reconstructed with a swamp on which the owner appears on a papyrus raft hunting or fishing, against the usual representation of a papyrus swamp. The space on the right (about 1/6 of the length of the wall) may have contained registers of small figures engaged in mat-weaving or similar occupations.

✓ Fragment 29-7-15 perhaps comes from this scene. It shows two men standing with long paddles, probably steering a boat to the right; to the right of them is part of a squatting man. If this is correct then the owner in the middle of the boat faced to the right.

The subregister across the whole wall below the swamp scene: six men proceeding to the right carrying animals birds and parts of a trap, inscribed above with signs widely separated is the label: pri m sht wh' ;pdw ("coming forth from the field of the bird swamp" (?)): a) runs to right with gazelle in his arms held against his body; b) carries yoke from which hangs two boxes containing ducks; c) man carrying two boxes on yoke but contents not visible, with papyrus flowers over right arm; d) carrying over his shoulder an object made of sticks and ropes, probably a bird trap; e) carrying live crane in his arms, holding its bill with one hand, in front of him is written vertically: wh' s; (fisherman's boat and goose); f) carries a live goose in his arms.

Fragments found in the chapel: in addition to the three frags. mentioned above, 13 other fragments were found:

- ✓ 29-7-16 d: feet of female figure facing to right.
- ✓ 29-7-16 h: feet of man facing to right with unidentified object at feet.

29-7-16 b: man holding goose, facing to right.

29-7-13: squatting female facing to left.

The other fragments are small or obscure: 29-7-16 k: feet of female figure (drawn)
29-7-16 m: whitened surface with foot marks. 29-7-16(c) not drawn 29-7-16 G: small figure (not drawn)

The object Reisner refers to as "29-7-16b" was recorded as "29-7-16l."

drawing missing in Berlin see Nilsson

SHAFTS IN G 7560: Two shafts in medial axis, A on N and B(chief shaft) on S.

Shaft A: 2.05 x 2.1 m. at top and 1.95 x 1.925 m. at bottom; - 14.8 m. in rock; lined above with masonry, 1.35 m., 5 courses; unfinished cutting in bottom; no chamber; type 7 X: completely plundered or unused.

Shaft B: Chief shaft, 2.05 x 2.075 m. at top and 1.875 x 1.9 m. at bottom; - 16.32 m. in rock; lined above with course of rubble on rock, a low course of masonry (0.6 m.) and two courses of heavy masonry(1.275 m), total height of lining above, 1.875 m.

Chamber: type 4 b(1) x, with low ramp extending into chamber; a degeneration of type 2(unlined) and probably intended to be of type 3 but roof left uncut; 3.65 x 3.45 - 3.6 m. and 2.82 - 3.05 m. high, with roof sloping upwards to S; area 12.84 sq.m.; capacity 37.71 cu.m.

Passage: 1.5 x 1.65 m. and 2.05 m. high on shaft side and 2.25 m. high at top of interior ramp; the roof is horizontal but the floor slopes gently downwards from shaft to chamber and inside the chamber is continued by a ramp.

Ramp: inside chamber: 1.85 x 1.65 - 1.55 m.; height at passage side 0.26 m.
Canopic pit: in SE corner against the rock-cut walls, 0.675 x 0.575 m and 0.5 m. deep; without rebate.

Coffin: white limestone, type d, with flat lid; 1.93 x 0.73 m. and 0.62 m. high; cavity 1.75 x 0.52 and 0.53 m. deep; thickness of lid 5 cms.; around the outer edge of the box runs a rebate (5 cms. wide and 3 cms. deep); the under edge of the lid has a moulding fitting into this rebate; the lid has two long handles at each end.

Blocking: interior wall of good masonry bound with plaster; type III b(2); upper part broken away.

Objects of the original equipment found in the chamber:

- 36-12-4: white limestone, fragments of coffin, nearly complete; ; see coffin, above; fragment of lower part of corner marked with signs in red paint; Photo B 8772.
- 36-12-5: white limestone "reserve head", broken in 8 fragments, nearly complete; h. 27.0 cm., w. 16.0 cms.; front to back 21.0 cms. Pl. 73.
- 36-12-6; white limestone "reserve head" , lower part of face with 15 small fitting fragments, incomplete; h. 27.7 cm., w. 15.3 cm. , front to back, 24.0 cm.; Pl. 73.
- 36-12-7: flint, black; flake with rhomboidal section, rounded butt and pined end; l. 9.5 cm., w. 1.15 cm., th. 0.3 cm., ~~Rx~~. Photo. C 13949-13950(No. 1).
- 36-12-8: flint, half of flake(butt end), rhomboidal section; l. 6.4 + cm., w. 3.1 cm., th. 0.9 cm.; Photo C 13949-13950 (2).
- 36-12-9: flint, part of flake(pointed end), rhomboidal section; l. 11.6 cm., w. 3.0 cm, th. 0.7 cm.; Photo. C 13949 13950(No. 3)
- 36-12-10: RP, frags. forming half a bowl with round bottom and recurved rim; type C XXXII a; h. 13 cm.; d. rim 25 cm.; d. body 26 cm. Pl. 74 d(1/5).
- 36-12-11: RP frags. of over half a flaring bowl with flat bottom and moulded rim(flat on top); type D XXXIX b; h. 16 cm., diam. rim 28 cm. ; diam. base 15 cm.; Pl. 74 d(1/4).
- 36-12-12: RP frags of over half of basin with flat bottom, roll-rim and short ~~xxxxx~~ tubular spout; type D-XXXV a; h. 24 cms., diam. rim 25 cm.; diam. max. 31.6 cm.; length with spout, 34 . 2 cm. diam. base 10 cm.; Pl. 74 d(2/4).
- 36-12-13: DbW frags. of upper part of small jar; probably type ~~XX~~ A-VI c; h.10.4 +cm.; diam. rim 9.4 cm., diam. body 14.0 cm.; Pl. 74 d (1/1).
- 36-12-14: RW frag. bottom of jar of type A-V or VI, with turning ridges on inside; h. 11.0 + cm., diam. body 14.4 cm.; Pl. 74 d(1/2).
- 36-12-15: special ware: frags. of three or four two-handled oil-jars , type B-LIV; two examples reconstructed(a)h. ca. 44 cm., diam. rim 8 cm., diam. neck 5.6 cm., diam. body 21.2 cm. , diam. base 12.2 cm. , w. with handles 28.8 cms. Pl. 74 a(1/2).
b) h. ca 38 cms. , diam.rim 7.4 cm. , diam. neck 4.8 cm. , diam. body 20.8 cm. , diam. base 10.0 cm. , w. with handles 27.6 cm. ; Pl. 74 a(1/3).
- 36-12-17: RW: large wine jar, broken and incomplete, type A-II b; h. 36.8 cm., diam. rim 10.8 cm., diam. short neck 9.4 cm., diam.

- max. 26.0 cm. ; Pl. 74 a(1/1).
- 36-12-18: RW: frag. top of large jar, type A-II b; h. 9.0 cm, diam. rim. 11.2 cm. , diam. neck 9.8 cm. , diam. max. 24+ cm.
- 36-12-19: RW: frags. of large jar(incomplete), type A-II b; h. ca. 38 cms. , diam. rim 11.2 cm., diam. max. 26 cms. Pl. 74 d(2/4); incised potter's mark.
- 36-12-20: RW: five frags. from bottom of another jar of type A-II b; h. ca. 23+ cm.; potter's mark; Pl. 74 d(2/1).
- 36-12-21: RW beaker, almost complete, type.....; h. 12.0 cm.; diam. rim 12,6 cm., diam. base, 6.8 cms ; with foot stand like a goblet; Pl. 74 d(1/3).
- 36-12-22: Mud ware; frags. from upper part of tub, type D-LXXI a; h. 11+ cm., diam. ca. 60 cm. ; Pl. 74 d(2/2).

Alabaster models:

- MAGICAL SET: The magical set usually consists of a pesheshkaf wand and two basins, but is sometimes larger. The five pieces represented by 26-12-29, 25 and 26 certainly belong to such a magical set. Probably the other alabaster models were not included in this set. The board with emplacement for the pieces was not found and may have been of wood.
- 36-12-23: Alab.: small model jar of type S-V a; oval body, narrow base, roll rim on mouth(no neck); h. 5.8 cm., diam. rim 3.0 cm., diam. max. 4.2 cm., diam. base 1.2 cm. x b
- 36-12-24: alab.: 8 small models of basins, type S-X a(2); h. 2.2-3.1 cm., diam. 3.0 - 4.5; diam. base 1.5 - 2.7 cm.; Pl. 74 c (1/3, 5, 2/3, 5, 3/1, 2, 3, 5). x b
- 36-12-25: alab.: 2 model basins of type S-X a(2), probably from magical set; h. 4.0 - 4.3 cm. ; diam. 4.6 - 4.8 cm. ; diam. base. 2.1 - 2.4 ; Pl. 74 c (4/2, 3).
- 36-12-26: alab.: 2 model jars with neck of type S-XV a(1); h. 6.1 - 6.2 cm. diam. rim 3.6 - 3.8 cm., diam. body 3.9 - 4.2 cm. , diam. base 1.7 - 1.8 cm.; Pl. 74 c(4/5, 6).
- 36-12-27: alab. : model of tall shoulder jar with rudimentary neck and splay foot, type S-V a-m; h. 9.0 cm., diam. rim 3.5 cm., diam. short neck 2.8 cm., diam. shoulder 3.6 cm., diam. min. 1.8 cm., ~~diam. base~~ diam. base 2.8 cm.; perhaps from magical set; Pl. 74 c(1/2).
- 36-12-28: alab.: small shallow dish with plain rim and round bottom, type S-IX a; h. 1.8 cm. , diam. 11. cm.; Pl. 74 c(1/1).
- 36-12-29: alab.: pesheshkaf -wand from magical set; l. 12.5 cm., w. divided top 4.8 cm., w. of butt end 2.8 cm., th. 0.7 cm; Pl. 74 c(4/5).
- 36-12-30: alab: model of ~~metal~~ metal adze blade showing an emplacement ~~for~~ on one side of the butt end for attachment to the wooden handle; the other end has a well marked chisel edge; unique example, possibly from magical set: l. 9.7 cm., w. of cutting edge 3.4 cm., w. in middle 2.6 cm., w. of butt 3.2 cm., th. of blade increases from cutting edge to 8 mm. thick; th. at emplacement of handle 6 mm.; length of emplacement 3.8 cms. Pl. 74 c (1/4).

Copper:

- 36-12-31: copper: model axe head, broken but complete; h. 6.6 cm., width from butt to edge 5.8 cm., th. 4 mm.; in corroded state; Pl. 74 b(1/1).
- 36-12-32: copper: 2 model adze blades with two straight ends; l. 6.9 cm., w. edge, 1.5 cm., w. in middle 1.2 cm., w. butt 1.25 cm.; Pl. 74 b(1/2, 2/2).
- 36-12-33: copper: 2 model adze blades with bulbous butts, broken but ~~incomplete~~; l. 8.3 - 8.44, w. 1.5 - 1.7, cm. , th. 4 mm. Pl. 74 c(3/2, 4/2).

Pottery:

- 36-12-34: RW: model basin, type D LXXIX a; h. 2.7 cm., diam. rim 7.6 cm., diam. base 4.4 cm.;
- 36-12-35: ~~model~~ RW: model neckless shoulder jar, type B-LV-m; h. 6.0 cm., diam. rim 3.6 cm., diam. shoulder 6.0 cm., diam. base 3.6 cm. (splay foot).
- 36-12-36: RW: model collar jar, type B-LVI a(splay foot); h. 9.4 cm., diam. top 3.2 cm.; diam collar, 4.4 cm., diam. shoulder 5.0 cm., diam. base 4.0 cm.

all diam

cf. Magicians ~~and~~, p. 607
 note discrepancy
 make in
 stone version, p. 275

Drawings
 evidently not
 prepared.

How about the
 flat-topped table
 on Plate 77 c (1/2)

Gold:

36-12-37: gold; two small scraps of gold leaf, one with traces of white plaster on back; 1.8 x 0.8 cm.; 2.0 x 1.0 cm.

Secondary structures and intrusive shafts:

South of the mastabas of Dyn. IV, the ground is covered by complexes of mastabas of Dyns. V-VI, and this in fact continued along the east side of the cemetery. This field on the south of G 7560 and its chapel was covered by debris which contained remains of Ptolemaic structures as well as intrusive Ptolemaic shafts; see G 7563-7569.

In the street east of the mastaba, north of the c.b. chapel, is a long c.b. mastaba which leaves a narrow passage along the E face of G 7560. This is numbered G 7561.

East of the c.b. chapel is the small mastaba G 7562.

The whole area immediately around the mastaba, including the c.b. chapel has been obstructed and penetrated by Ptolemaic tombs.

G 7670: name not recovered; in line 6, south of G 7660, but with its eastern face forward to the east about five meters. The rock surface slopes to SSE.

See Pls..... Plan & Section done G.F.

See Figs.....

Mastaba: Type VI a, with retaining walls of sloping blocks of numulitic limestone. ~~Exposed to a smooth sloping surface: 38.0 x 18.0 m.~~ ; area 684.0/sq.m., prop. 1/2.11; height 3.90 m.; with interior chapel and subsidiary N niche.

CHAPEL: interior chapel of type (3 a) of white plastered c.b.; also exterior c.b. chapel, ~~and subsidiary N niche.~~

a) Interior offering room of type (3a) of white plastered c.b., bonded with exterior c.b. chapel; compound ka-door toward S end of W wall; not decorated; 4.1 x 1.5 m., area 6.15/sq.m. prop. 1/2.73; plain compound niche with outer niche 1.0 x 0.30 m. and inner niche 0.25 x 0.25 m.; in the outer recess was a low c.b. wall on N, S and outside on E which was 0.1 m. thick and was probably added later as an offering platform or enclosure; north of the ka-door had been a slab-table against the W. wall, a slab supported on two upright end slabs of which there remained in place the two end slabs; these slabs indicated a table 1.4 m. long(N-S) and at least 0.4 m wide(E-W); on the floor were found two tall pottery bowl-stands(type E-XXII a) broken and incomplete but probably these had stood on each side of the niche; entered by c.b. doorway in N end of E wall, opening in embrasure in c.b. wall 2.45 x 0.2 m.; the doorway has on the W a threshold slab, 0.75 x 0.57 m. and east of this three stone steps(four rises) descending through the doorway and embrasure to the floor of room b: 0.8 x 0.8 m.; height of four rises 0.43 m. from floor of room b to floor of room a; mud plastered floor in rooms a and b; in the S end of the embrasure stood the lower part of another pottery bowl stand(type E-XXII a).

Exterior c.b. chapel badly destroyed by Ptolemaic intrusions and ~~excavation~~ digging; evidence proves a columned hall and indicates other rooms but these could not be accurately reconstructed.

b) columned hall symmetrically placed around doorway embrasure to room a: 10.2 x 3.9 m.; area 39.78/sq.m.; roof supported by three columns(wood?) standing in a N-S row; of these the stone bases of the two northern columns were found in place and had a diameter of 0.55 m.; thickness of N wall, 1.1 m., and E wall, 1.1 m., doorway opening northwards in W end of N wall, later ~~blocked~~ with a thin c.b. wall; another doorway opened to ~~S~~, apparently in S end of N wall.

None
No dressing of the mastaba is preserved.
a.f.

not preserved and no traces of it as AF also + this GAR

Blocked

c) E of the ^N half of b, north of the E doorway were traces of another room which could not be measured but ~~estimated~~ estimated at 3.7 x 1.8 m.; area ca. 6.66 ? sq.m.; connections not determinable.

Other rooms not determinable, if any.

Total floor area of b-c: 46.44 sq.m., minimum size.

Total floor area, a-c: 52-59 sq.m., certainly a minimum.

SUBSIDIARY N. Niche: outer recess:

DECORATION OF CHAPEL: the walls were coated with white plaster laid over mud plaster and might have borne paintings but no trace of such decoration was found.

SHAFTS in G 7670: two shafts, A, wife's shaft on N and B, man's shaft on S.

SHAFT A: wife's shaft: 1.8 x 1.8 m. , - 14.4 m. in rock; lined above with massive masonry, 1.75 m. , 2 courses.

Chamber: type 4 b(1) unfinished and probably intended as a larger chamber; at the S end of the W wall an unfinished cutting to enlarge the chamber westwards; on S, 2.7 x 1.95 m. and 0.85 m. high; area 5.26 sq.m.; capacity 4.49 cu. m.

Passage: 2.0 x 1.1 m. and 0.85 m. high; no trace of blocking.

No trace of coffin or burial.

No canopic pit or recess.

Completely plundered; [see Diary, 1930, Dec. 29 to Jan. 8, 1931.]

SHAFT B: man's shaft: ~~20~~ 2.07 x 2.1 m; - 25.85 m. in rock; lined with masonry 2.8 m., 4 courses; unfinished cutting in bottom of shaft.

Chamber: at 21.87 m. in rock; type 3 bf; on S, 3.5 x 3.27 m.; and 1.95 m. high; area 11.34 sq.m.; capacity 22.11 cu. m.

Passage: nearly as wide as shaft on shaft side, narrows southwards to chamber: 2.57 x 1.75 m. on shaft side and 1.35 m. on chamber side; height on shaft side 1.55 m. and on chamber side 1.3 m.

Blocking: the doorway was contracted by masonry built on W side of passage to a width of 0.75 m.; this masonry remained in place to a height of 0.45 m. (one course) on shaft side and 0.38 m. on chamber side. Behind the first two stones on the shaft side, the masonry was filled with small stones. This narrowed passage was certainly blocked with masonry and suggests that a coffin was placed in the chamber long before the burial. ~~Blocking of type II b(1)~~. If the coffin was a stone coffin and removed recently its height would have been limited to 0.9 m.

Canopic Pit: in SE corner against the rock walls: 0.5 x 0.475 m. and 0.45 m. deep; no rebate.

Plundered: pottery models in debris of chamber.

[See Diary, Jan. 12 to Feb. 4, 1931.]

Objects:

31-1-496, 500: RW: model neckless shoulder jar, Type ^{B-} LV b-m. 8 examples:

496) h. 7.9, diam. rim 5.6; diam. max. 8.2, base 5.1 cm.

500) h. ~~5.3~~ 5.3 - 6.3, diam. max. ~~6.3~~ 6.3 - 7.0, base 4.0 cm.

31-1-497: RW: 5 model collar jars, type B-LVI a-m:

h. 9.4 - 11.0 cm.: a) 9.5 cm., diam. top 4.0 cm., diam. collar, 4.8 cm.; diam. shoulder 5.1 cm.; diam. base 3.8.

31-1-498: RW: one model belted barrel-jar, type B-LVIII, with belt indicated by groove: h. 9.5 cm., diam. top 3.5

*Pottery neck
in debris in jars
in 7 jars - here*

cm. , diam. rim 3.8 cm., diam. max., 4.6 cm., diam. base 3.4 (slightly splayed), h. groove 4.9 cm.
 31-1-499: RW: 2 model basins, type D-LXXIX a(2); h. 3.1 cm. diam. max. 5.2 cm., diam. base 2.8. cm.

OBJECTS FOUND IN THE DEBRIS EAST OF MASTABA:

- not drawn* 30-12-182: white limestone slab in relief, h. 64 cm., w. 30 cm. , th. 12 cm.; from a carrying chair scene, front part, foot of owner and five bearers: Photo B 7612.
- not drawn* 30-1-65, 70 to 80: Ptolemaic fragments.
- ✓ 31-1-81: white limestone fragment of relief, colored: h. 2.5 x 8.5 x 1.6 cm.; ~~xxxxxxx~~ with part of an inscription : one sign, b with vertical green border. Style of relief like that of Ankh-haf and Werytyetes. Possibly intrusive here from last mastaba. Pl....
- not drawn* 31-1-82: white limestone: fragment of unfinished relief: h. 28 cm. x 15 x 21 cm.; part of a swamp scene with birds. Photo B 7609.
- not drawn* 31-1-83: alabaster boring core.
- ✓ 31-1-84: white limestone painted relief, h. 12 cms x 10.7 x 4.7 from the top of a figure of woman bearing a basket probably from procession of estates. Photo B 7619.

SECONDARY

~~SECONDARY~~ STRUCTURES AND INTRUSIVE SHAFTS.

The field of small mastabas east of the field of royal mastabas continues southwards in front of G 7670 and has been overbuilt or penetrated by Ptolemaic structures or shafts as the rest of this field. All these later structures of Dyn~~asty~~ V-VI appear to bear no connection with G 7670.

G 7690: south of G 7670 with the N end close to the S end of G 7670 but with its E face set forward 9.5 m. east of the face of G 7670: ends line 6 on the south: no large mastabas of earlier types east of line 6, G 7670 and G 7690, or of line 7, G 7750 and G 7760.

See Figs..... Plan only done A. F.

See Pls.....

No Name:

Mastaba: uncased core of massive blocks, type IV-iii: 52.0 x 19.25 m.: area, 1001 sq.m.: prop. 1/2.7: with chapel recess, 6.4 x 7.2 m. containing a destroyed interior chapel: no trace of casing but intended to be cased with white limestone bonded with interior chapel: no subsidiary N niche but one certainly designed for casing,

Chapel: interior chapel of type (3a?), totally destroyed; exterior c.b. chapel: subsidiary N niche not constructed.

a) interior offering room destroyed except for lines of doorway: built in recess in core, which shows on N remains of the packing: the room was probably of type (3a) but may have been alternatively of type (4a): the space available indicates a chapel similar in size to those of the eight nummulitic mastabas and G 7670: entered by doorway in N end of E wall opening in embrasure in face of casing, 3.1 x 0.25 m approached by three steps (4 rises) ascending from floor of b to floor of a: the top step is wider and measures 0.55 x 0.34 m.; the three steps measure, 0.55 x 0.7 m.: height of threshold of a above floor of b, . 0.45 m.

[3.1 crossed out] 2.85

Exterior c.b. chapel of four(?) rooms cut by a number of Ptolemaic burials and also badly denuded: the whole chapel measures outside, 13.1 x 4.9 m.: area, 64.19 sq.m.

- 3.1 x 3.65 m; area 11.31 sq. m.
- b) Hall, symmetrically set around the embrasure to room a: ~~4.1 x 3.75 m.~~ area, ~~15.37~~ sq.m.: probably with roof supported by columns but no trace found: entered from N from vestibule room d, by doorway in E end of N wall: probably a doorway to c in E end of S wall, but all traces destroyed: possibly also a doorway from E.
- c) E-W room south of b: 2.0 x ^{3.65}~~3.25~~ m.: area, ^{7.30}~~6.5~~ sq.m.: lines of doorway not found: possibly a serdab: an addition built against the S face of room b.
- d) badly destroyed vestibule(?): room possibly 3.2 x 1.05 m. area, 3.36 sq.m.: doorway to b in S wall and doorway to e in S end of W wall: the part occupied by rooms d and e was an addition built against the N face of room b: room d was divided from e by a thinner c.b. wall built later than the main addition.
- e) a room north of b (against the mastaba) and west of d (q.v.): 3.15 x 2.05 m.: area, 6.45 sq.m.: with doorway to d in S end of E wall: possibly a doorway from N in W end of N wall.

Total floor area of b-e, ^{28.42}~~32.68~~ sq.m.
 Total floor area, a-e, about ~~39.38~~ sq.m.
 35.12

Decoration of room a of chapel G 7690:

The offering room was totally destroyed but appears to have been of white limestone and may have been fully decorated: fragments of relief in w. lst. were found, 3 frags. in debris on E, 1 frag. in debris on top of mastaba, and two frags. in debris of shaft (G 7690 K, outside mastaba on S) which may have come from this chapel:-

- 28-4-97: w.lst.: relief, badly worn: head of a man facing to right 9.0 x 6.5 cm.: from a minor figure.
 28-4-98: w.lst.: frag. relief: legs of two standing figures facing to left: 21 x 19 cm.
 28-4-99: w.lst.: relief, badly worn: head and figure of a standing man facing to right: right arm gone: left arm hanging at side: 19 x 18 cm.

On top of mastaba:

29-3-23: w.lst. in relief: parts of two registers of a picture list of offerings with border on left side: 67.0 x 43.0 cm. and 13.0 cm. thick.

In shaft K outside mastaba on ~~S~~ South:-

- 28-3-98: w.lst.: relief: two fitting pieces: parts of two registers: 106 x 43-48 cm.:
 1) man standing facing to left, with staff in right hand and ~~ankle~~ handkerchief in left: full wig, broad necklace and short skirt: label in front of his face, shd hm k/ Iwi: between man and staff on raised line. A naked boy holding staff with right hand, facing to left: his head is broken away: his left hand hangs open at side.
 2) three men facing to left, standing: all with full wig, broad necklace and short skirt: each has the left hand hanging at side and right on breast holding a handkerchief(?).

MFA 30.206

Shafts in G 7690: two shafts in medial axis of mastaba: A wife's shaft on N and B man's shaft on S.

Shaft G 7690 A: wife's shaft: 1.79 x 1.72 m., -15.85 m. in rock: lined with massive masonry above, 0.25 m., 1 course:
 Chamber: type 3 af: on S: 3.4 x 3.7 m. and 1.52 m. high: area, 12.58 sq.m.: capacity, 19.12/cu.m.
 Passage: 1.92 x 1.25 m. and 1.55-1.4 m. high: blocking not preserved.
 No trace of coffin or burial.
 No canopic pit or recess: no objects.

Shaft still to put in on plan.
 Aug. 1941.

Position of pit B is shown on the traced plan of this mastaba approximately, because there is a big damp of rubbish over it.
 14-1-43. a.f.

APPENDIX B. p.124.

Shaft G 7690 B: man's shaft: 1.7 x 1.75 m., -13.15 m. in rock: lined above with masonry, 0.45 m., 2 courses.
Chamber: type 4 a(1): on S: 2.65 x 3.1 m. and 2.1 m. high: area, 8.21 sq.m.: capacity, 17.24 cu.m.
Passage: 1.5 x 1.25 m.: h. of shaft side, 1.37 m. and on chamber side 2.1 m.: roof at roof level of chamber but cut in steps from bottom of shaft to floor of chamber, three rises (0.73 m. in total descent): blocked with masonry laid in plaster, type II b(1).
Coffin pit: sunk in floor along W side of chamber: 2.2 x 0.95 and 1.05 m. deep:
The shaft was filled with disturbed debris which had run into the chamber: this debris contained only two frags.; a piece of ivory (29-3-216) and a faience pendant (29-3-217) both of indeterminable date but intrusive .

Secondary Structures and Intrusive Shafts:

On the east the field of small mastabas extends eastwards and south-eastwards over a rock ridge considerably less in elevation to the north: this was taken in Dyn.V-VI for small mastabas while the eastern declivity had a few small rock cut tombs: all these tombs had as usual been overbuilt or penetrated by tombs of the Ptolemaic-Roman Period.
The same field of small mastabas of Dyns V-VI continued westwards across the whole southern end of Cem. # 7000 as far as left vacant and was again overbuilt with Ptolemaic intrusions.
South of the mastaba, the rock had been cut away by quarrying and on this side were eight burial shafts, mostly of type 8 (built in debris) of various dates (O. Kingdom and Ptolemaic) but the superstructures had been destroyed: for these shafts and mastabas G 7691-7693 see after G 7789, mss p.319.

These large mastabas were certainly the last large mastabas built south of line 2-7. G 7560 was the first of these and was probably not later than the end of the reign of Mycerinus. It was in its form and size closely related to the mastaba G 7550 except that the chapel was of white instead of nummulitic limestone. The type forms of the interior, the exterior chapels and of the shafts showed a similar relation to the interior one-niched chapel was of c.b., the only stone mastaba with an interior c.b. chapel recorded by our expedition. By position and the use of c.b. in the interior chapel, this mastaba is a little later than G 7560, but still of the reign of Mycerinus. G 7690 belongs to a different type and size. Unfortunately its casing was never built and its interior chapel was destroyed so that it is impossible to state whether it had a one-niched or two-niched offering room. In construction it is to be correlated with G 5110 and G 2220 in the Western Field. Thus it is still probably of Dyn.IV but by position later than G 7670. Its size is similar to that of the large massive core mastabas, G 7650, 7530+7540, 7450 and G 7350.

Only two large mastabas were constructed in this field after the three mastabas last described. One of these is the composite mastaba G 7510 of "Prince" Khufuw^{thaf} II built immediately south of G 7130+7140 with its enlarged form built on the ^{north} against the sloping ^{north} side of G 7140. The second mastaba is G 7152, Ptah-sekhem-ankh built on an independent site east of G 7050 and some what south of G 7150. These two are obviously of Dyn.V and will be described later.

	pages		High area	cap.	Prop.	Prop.
<u>G-7210.</u>	7	36.0 X 17.0		612.0		1/2.11
<u>G-7220.</u>	7	36.0 X 17.0		612.0		1/2.11
<u>G-7320.</u>	7	35.0 X 16.5		577.5		1/2.12
<u>G-7410.</u>	7	35.7 X 16.5		589.05		1/2.16
<u>G-7420.</u>	7	35.7 X 16.5		589.05		1/2.16
<u>G-7140.</u>	7	28.5 X 17.0		484.5		1/1.67
<u>G-7340</u>	7	29.0 X 16.25		471.25		1/1.78
<u>G-7410.B. Total area</u> tow chamber	30	26.83 + 15.15		41.98		
<u>G-7410.B. total cap.</u> tow chamber		96.59 + 25.0			121.59	
<u>G-7130+40.B. the lined</u> chamber measured	38	2.4 X 3.15	1.9	7.56	14.36	
<u>G-7110.B</u>	15	4.5 X 5.0	3.5	22.5	78.75	
<u>G-7210+7220</u>	16	81. X 17.		1377.0		1/4.76
		83.2 X 19.35		1609.92		1/4.29
<u>G-7110+7120</u>	27	99.9 X 16.5		1318.35		1/4.84
		84.2 X 22.		1852.4		1/3.82
<u>G-7410.B.</u>	29	4.95 X 5.42	3.6	26.83	96.59	
<u>G-7230+7240</u>	40	65.5 X 15.5		1015.25		1/4.22
<u>G-7230.A.</u>	41	4.0 X 5.4	3.0	21.6	64.8	
<u>G-7330+7430.B.</u>	43	4.3 X 3.6	3.4	15.48	52.63	
<u>G-7430.A.</u>	49	4.8 X 5.16	3.8	24.77	94.13	
<u>G-7430.B</u>	50	4.15 X 4.6	3.35	19.09	63.95	
<u>G-7520+7530+7540</u>	64	36.7 X 16.25		596.37		1/2.26
		47.5 X 16.88		801.8		1/2.22
<u>G-7530+7540</u>	64	47.5 X 16.88		801.8		1/2.22

II

	pages		High	area	cap.	prop.	Prop.
<u>G 7530. A.</u>	78	4.66 X 3.12	1.98	14.54	28.79		
<u>G 7520. A.</u>	81	4.7 X 4.85	3.6	22.79	82.04		
<u>G-7450.</u>	82	50.8 X 18.0		914.4			V 2.82
<u>G-7450. A</u>	82	4.25 X 5.35	2.75	22.74	62.54		
<u>G-7350.</u>	83	55.0 X 22.5		1237.5			V 2.44
<u>G-7050.</u>	88	26.3 X 13.25		348.47			V 1.98
<u>G. 7550. A</u>	91	3.4 X 1.15	$\frac{1.75}{1.4}$	3.91	6.13		
<u>G. 7550. B.</u>	92	4.75 X 5.1	$\frac{3.15}{3.75}$	24.22	90.82		
<u>G-7660.</u>	93	36.5 X 18.5		675.25		see Ferrell's measurements. in the text. a.s.	V 1.97
<u>G-7660. A.</u>	96	5.15 X 5.3	3.88	27.3	105.92		
<u>G. 7750.</u>	97	$\frac{37}{36.0}$ X 18.5		$\frac{684.5}{666.}$			$\frac{1}{1.94}$ 1/2.0
<u>G-7750. B. chamber II</u>	99	2.44 X 2.8	1.8	6.86	12.33		
<u>G-7750. A.</u>	99	2.65 X 2.45	3.05	6.49	19.79		
<u>G-7810.</u>	104	38.5 X 19.5		750.75			V 1.97
<u>G-7810. A</u>	106	3.9 X 4.65	2.5	18.13	45.32		
<u>G-7820.</u>	107	43.0 X 24.0		1032.			V 1.79
<u>G-7060. B</u>	112	4.75 X 3.7	2.0	17.58	35.16		
<u>G-7070. B</u>	114	4.55 X 4.15	2.15	18.88	40.59		
<u>G-7560. B</u>	118	3.65 X 3.45	$\frac{2.82}{3.05}$	12.84	37.62		
		- 3.6				$\frac{5.87}{}$	
<u>G. 7670. A</u>	121	2.7 X 1.95	0.85	5.26	4.47		

	Pages		High	area	cap.	Prop.	Prop.
G. <u>I. h. chapel</u>	4	10.5 X 2.05			21.52	1/5.12	1/5.12
G. <u>7120. room. c</u>	8	2.5 X 4.25			10.62		
G. <u>7210. " . d.</u>	18	2.1 X 1.5			3.15		
G. <u>7210. Total Floor area b-G</u>	18	22.18 + 2.28 + 3.15 + 6.86 + 3.06 + 1.92 =			39.45		
G. <u>7210. total area Floor a and b-G</u>	18	6.88 + 39.45			46.33		
G. <u>7420. Chapel a</u>	27	4.25 X 1.55			6.58		1/2.74
G. <u>7650. room. b.</u>	58	4.0 X 3.5			14.0		
G. <u>7530 + 7540 chap.</u>	64	4.75 X 1.5			7.12		1/3.16
G. <u>7530. room. b.</u>	67	5.5 X 2.4	2.28	13.2	30.1		1/2.29
G. <u>7530. room. c</u>	67	2.55 X 4.65	2.05	11.86	24.31		
G. 7780. ...							
G. <u>7210. b.</u>	18	1.9 X 1.75			3.32		
G. <u>7350. c chamber I</u>	87	2.62 X 1.4	1.02	3.67	3.74		
G. <u>7350. c = II</u>	87	2.4 X 3.1	1.5	7.44	11.16		
G. <u>7760. x</u>	103	2.5 X 2.16	1.1	5.4	5.94		
G. <u>7350. chap.</u>	84	4.25 X 1.45			6.16		1/2.93
G. <u>7550. =</u>	90	4.7 X 1.6			7.52		1/2.93
G. <u>7660. room. b</u>	94	5.75 X 7.95			45.71		
G. <u>7660. total area rooms b. e</u>	94	45.71 + 5.04 + 8.68 + 3.27 =			62.7		
G. <u>7660. total area rooms. a. e</u>	94	6.17 + 45.71 + 5.04 + 8.68 + 3.27 =			68.87		
G. 7810 room. b	104	4.45 X 2.3			10.24		
G. <u>7810 room. 2. b</u>	104	6.3 + 10.24			16.54		
G. <u>7560 chap.</u>	116	4.4 X 1.55			6.82		1/2.83
G. <u>7560. room. c</u>	116	2.6 X 1.55			4.03		
G. <u>7560. total floor (b-e)</u>	116	29.4 + 4.03 + 8.32 + 4.81 + 6.82 =			46.56		
G. <u>7560. total a-e</u>		6.82 + 46.56 =			53.38		

Heights of mastabas

7110 - 4.32 ✓

7120 - 5.18 ✓

7130 - 6.61 ✓

7210 - 4.27 ✓

7220 - 5.40 ✓

7230 - 5.25 ✓

7310 - 5.32 ✓

7320 - 5.45 ✓

7330 - 3.85 ✓

7410 - 5.00 ✓

7420 - 6.00 ✓

7430 - 4.70 ✓

7440 - 5.95 ✓

7140 - 5.18 ✓

7240 - 5.95 ✓

7340 - 5.70 ✓

7760 - 8.05

7070 - 5.40

7670 - 3.90

7510 - 8.10 ✓

7560 - 3.83 ✓

7650 - 6.30 ✓

7750 - 5.80 ✓

7350 - 5.20 - average ✓

7450 - 5.80

7660 - 5.20 ✓

7810 - 5.38

7820 - 6.10

7060 - 4.40

These notes
were written
on the back
of the index
page.

(A) PPENDIX B.

= (F)

Pages 1 - 124

Illustrations ready for the print:

Big mistakes:

- G. 7690 - Plan only (~~not yet finished~~ ^{done.} ~~position of one~~ ~~of the pits are not~~ ~~ascertained~~)
7660 - Plan & Section
7210 + 20 - " "
{ 7310 + 20 } - Plan & section (one sheet)
{ 7410 + 20 }
7130 + 40 - " "
7230 + 40 - " "
7520 + 30 + 40 - " "
7450 — Plan & section
7350 — Plan only
7750 — Plan & section
7760 — " "
7810 — Plan only
7820 — Plan & section
7060 — " "
7070 — " "
7560 — " "
7670 — " "