1976.

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Hafun Main Site A. Began 12.xi.76

At start of work (12-xi-76) N wall and part of W and S walls visible, with ? stone-like feature & white stones N end. Flat surface, as most round.

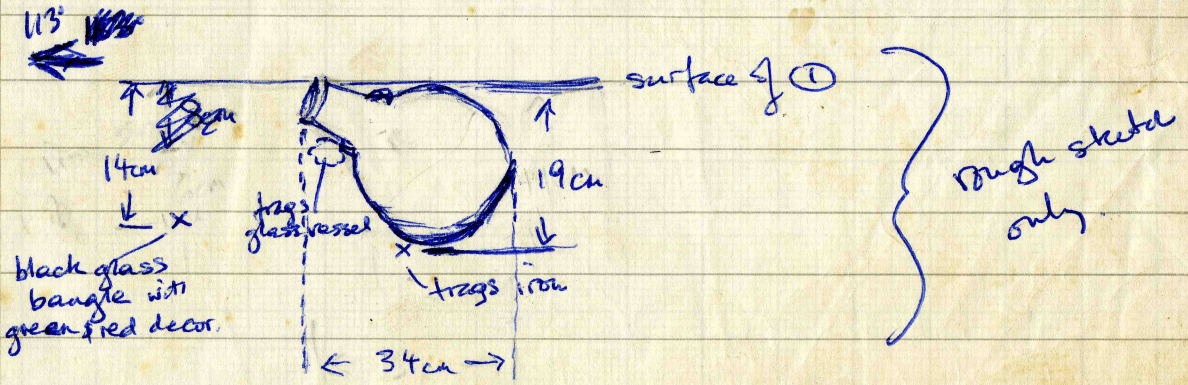
A-NW Laid out quadrat in NW corner of building ~~began~~ 1½ metres out from the apparent outer face of the stone walls. Began by clearing the loose pale recently blown sand from the surface ~~of~~ throughout the quadrat.

A-NW (1) Pot from (1). Single sherd, body, of jar, blk fabric, red slip

Underlay: The loose surface sand a compacted sand layer of a reddish tinge was begun to be removed outside & inside the stone walls. Although no stratification was apparent, this deposit became extremely compacted at a depth of 8-10 cm outside the walls & less inside the walls, in places only ca. 3 cm

(2) fill of pit grave

mouth of pot 5.76 m south of N quadrat line
mouth of pot 8.44 m east of W quadrat line
base of pot 8.10 m east of W quadrat line



cont. page 3

Hafun MS B

Begun 12.XI.76

at start of work N wall & a few stones in centre of presumed rectangle visible. Slight mound apparent in centre from ~~with~~ which the latter stones protruded. ⊗

B - ~~B~~NE Laid out quadrant in NE corner of building extending 1½ metres out from the apparent outer face of the ~~apparent~~ walls. Began by clearing the loose pale recently blown sand from the surface outside the walls.

see above ⊗ 4 standing stones in a row visible slightly to the north of & parallel to the N wall also visible before work begun. line of standing stones 270° ie 

(= ①)

B. The loose surface sand was then removed from the entire area ~~as~~ enclosed by the apparently rectangular although broken outline of stones & from amongst these stones. Three corners of this structure & parts of the outer wall face are quite unmistakeable & clearly standed as rectangular.

Finds: coin = loose surface sand (n.k.)

B - NE ①
~~B - W ①~~

Underlying the loose surface sand at varying depths from ~~3 cm~~ 3-4 cm, a compacted reddish sand deposit was removed from outside the walls.

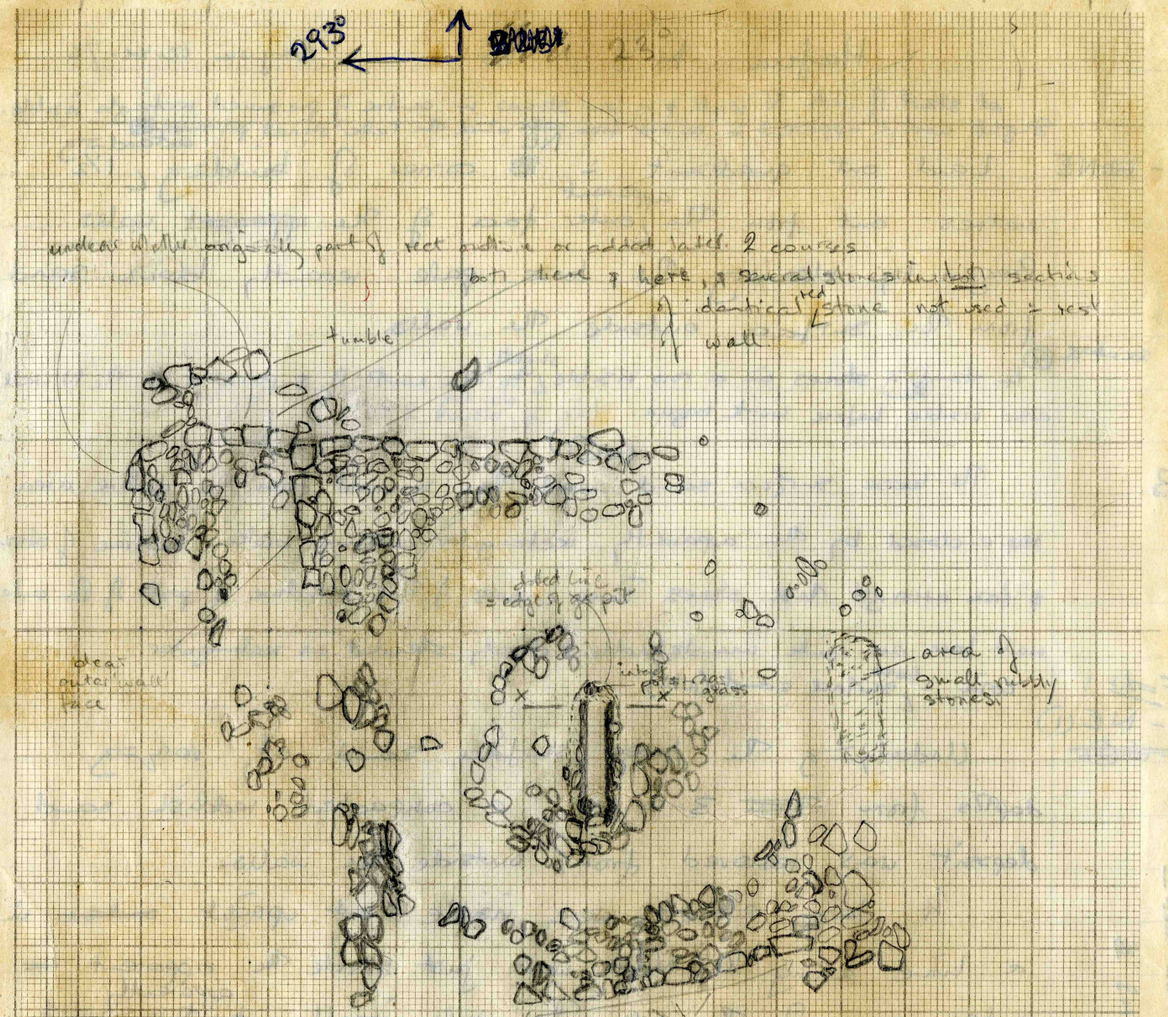
4 large stones were visible set upright ~~outside~~ in a line along the North wall just outside the apparent ~~L~~ outer face of the wall. The wall itself ~~at this point~~ apparently discontinued behind these stones. The 4 uprights ~~varied~~ slightly in height ~~from~~ but all ca. 70cm.

NB quadrant notation discontinued — entire site simply Hafun MS B

Finds: 1 plain reddish body sherd from outside the now apparently circular layout of stones in the centre of the rectangle 1 plain buff body sherd.

To p. 6.

scale 1:100 Hafun MS A ground plan



1:20 plan of gr circle opp. p.5

Supervisor: Matthews Smith

Hafun MS A.

Owing to the lack of any obvious floor surface, we proceeded to clear the loose sand all over the "interior" of the structure to reveal any pattern: the layout of the larger stones. A rectangular outline became apparent although substantial parts of it were missing. (see plan opposite). Within this rectangle (~~intruly~~ square) were two concentric circles of stones, slightly off centre. The outer of these circles was quite broken whereas the inner was complete except for a gap to the north & NE. An as yet unclear rectangular arrangement of stones lay within the overall square and to the west of the circles. (see plan opp.).

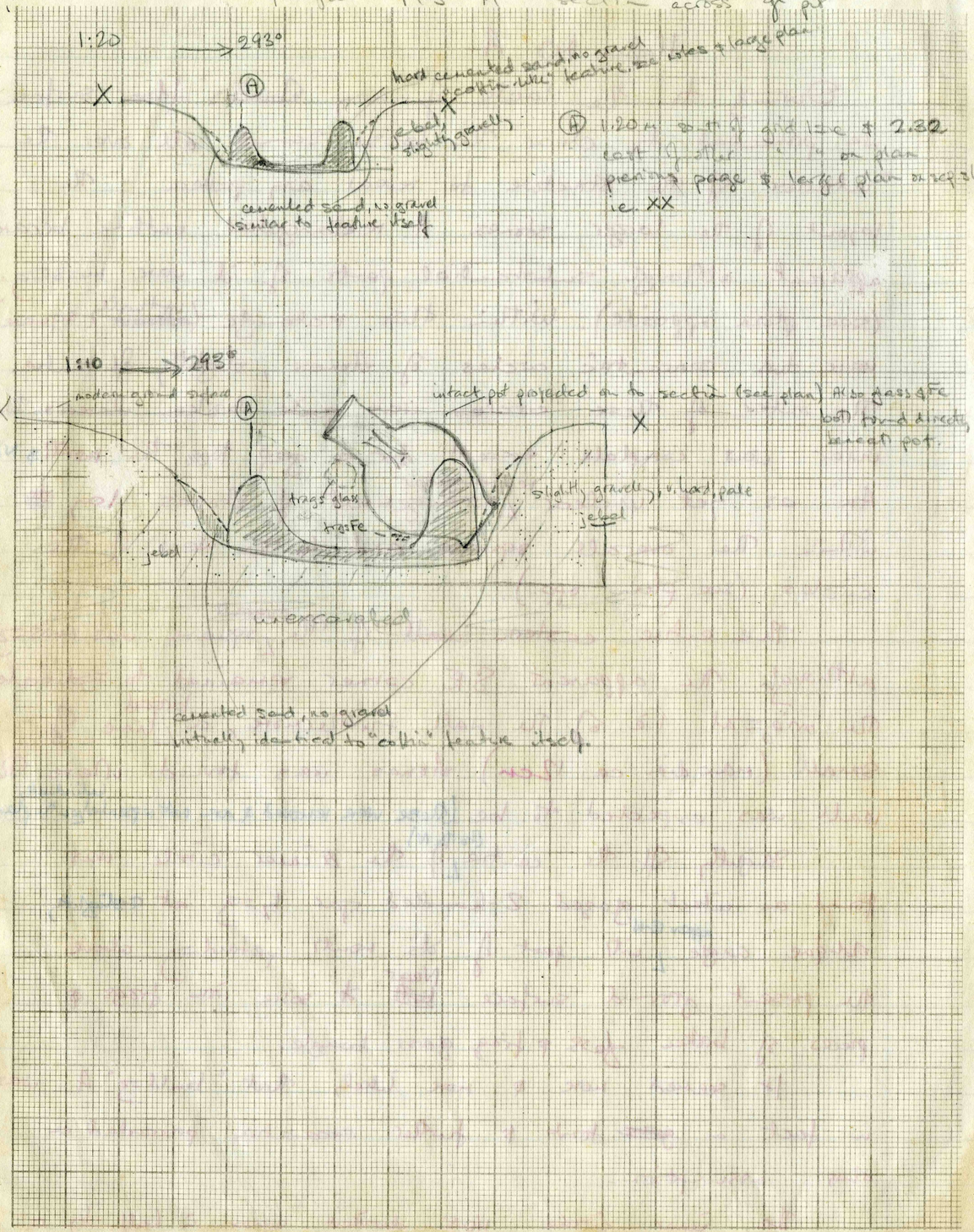
The entire eastern wall of the overall square was missing although the apparent SE corner remained to indicate the original line of the wall. Furthermore, a broad line of small (max dim. ca. 12cm) stones was found where the wall was expected to be (these were removed & are not represented individually on the plan.

Slightly off the centre (to the N) of the inner circle was found an intact glazed 2-handled jar lying at a slightly oblique angle (approx E-W) with part of its mouth protruding above the present ground surface. Near it some iron frags & pieces of broken glass & frag glass bangle.

It seemed more & more likely that "building" A was in fact a ~~grave~~ tomb & further excavation proceeded on this assumption.

The inner circle was divided approx. in half by a

Hafun MS A section across gx pit



line parallel to that on the western side of the whole structure. The eastern half within the circle of stones was then cleared of surface deposit, level ①, until the outline of the grave pit became clear. The ~~pot~~ jar mentioned above had been ~~was~~ found in this half below ① ie in ②.

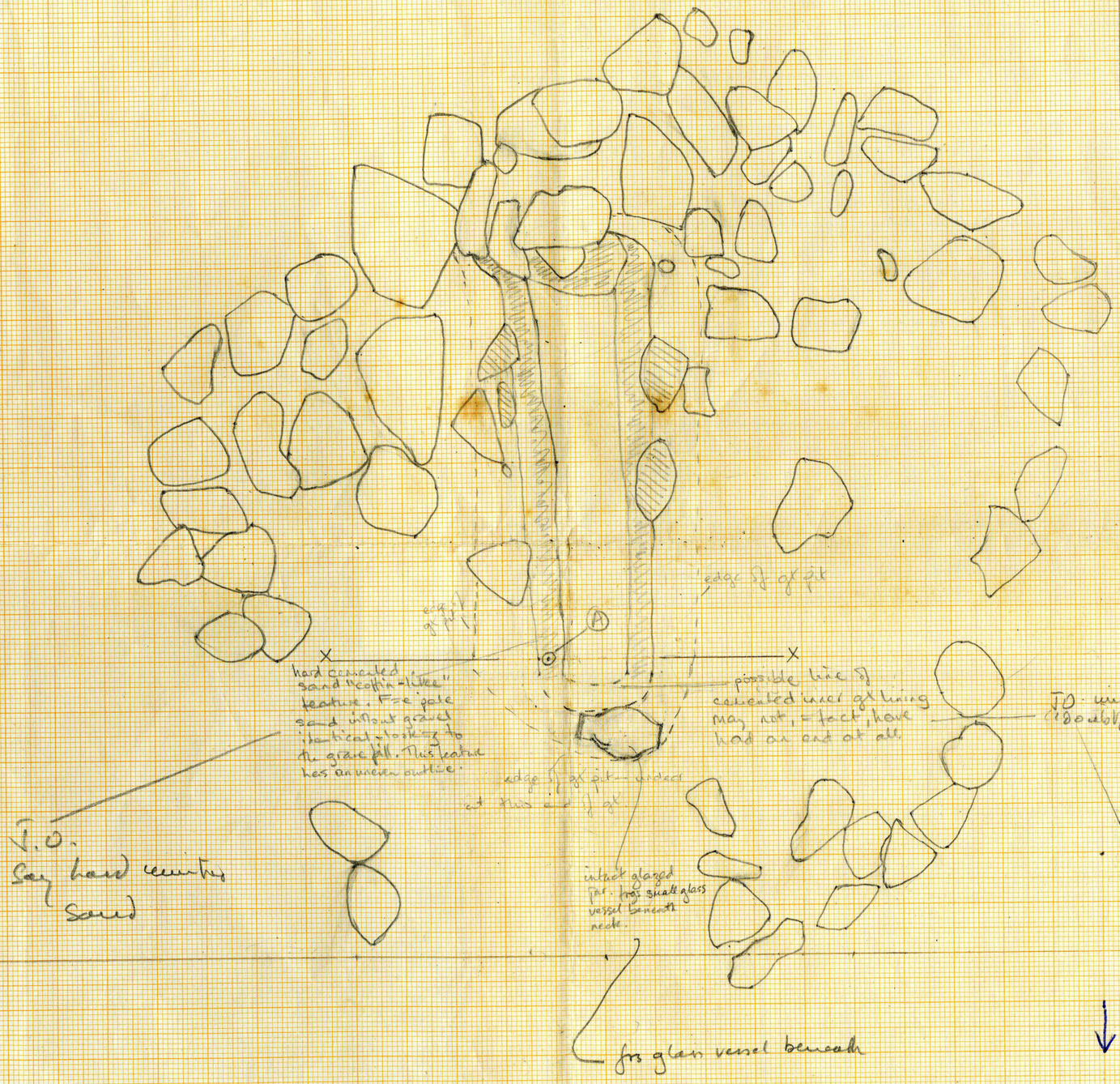
② Finds: A blue/green glazed necked jar with 2 handles, slightly footed, intact, lying obliquely in fill of grave pit at N end with mouth to E. Frags glass vessel beneath neck. ~~Frags Iron~~ Frags iron found beneath body of jar.

② The fill of the eastern half of the grave was then removed, being a very fine, compacted, very pale sand with no gravel content at all. A curious feature became rapidly apparent consisting of two parallel "bars" of cemented sand running N-S in the grave pit. The deposit within the grave pit both inside & outside these parallel "bars" was removed in order to better expose the feature. (See section across feature opp. page). ~~Frags iron found with each of the two parallel cemented bar-like features at the N end where a section was cut across them.~~ No finds at all from within this coffin-like feature which had a shallow floor sloping from the N to S. The glazed jar mentioned above lay within the grave pit at the foot of & outside of the coffin-like feature of cemented sand. Details on plan OVER.

cont p. 5.

1:20 plan of gx circle on separate sheet.

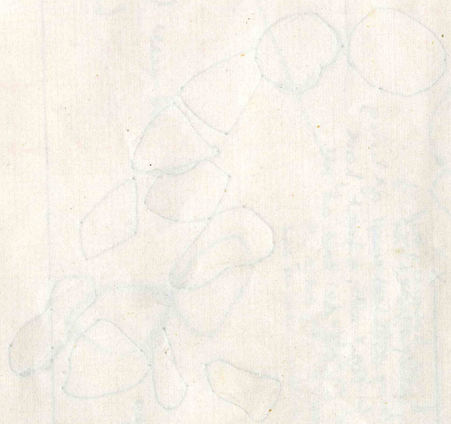
Hafun MS A central grave circle ground plan scale 1:20



337

HAFUN MAIN SITE

1:20 plan of gx circle & gx.



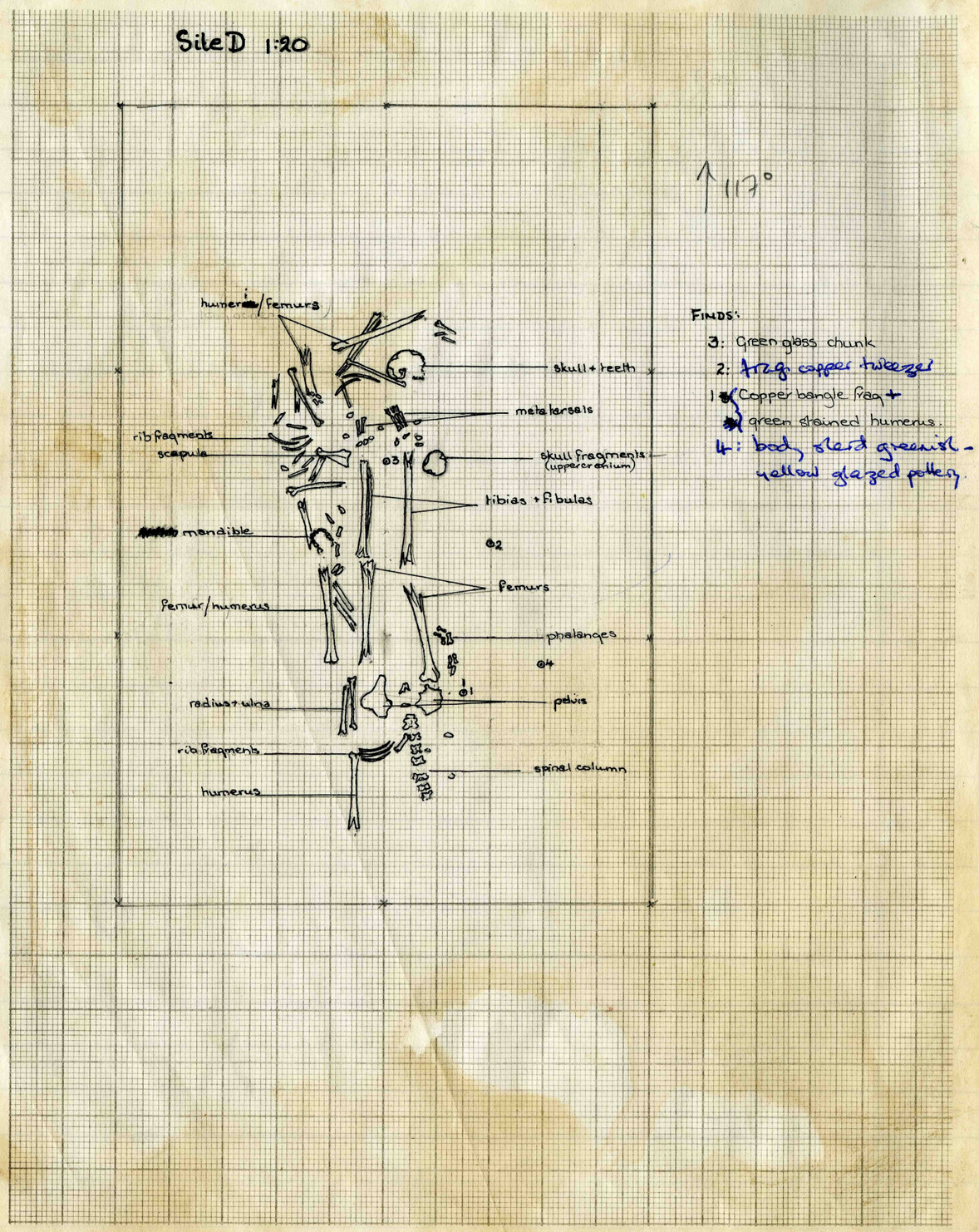
Haf MS - A

(2) cont. Despite v. careful excavation, no trace of bone found, tho' bone is well preserved in main area of sherds. No obvious reason why bone shd be preserved in one place & not other.

F=ds: ~~Frags iron with~~ ~~bott~~ cemented "bars" ~~at N end~~.

Frag blackened glass bangle with green & red decor. 14 cm below surface in grave fill E of north of par.

32
20
22.40



Haf MS D.

burial eroding out of surface southeast of C on south sloping surface with surface pottery etc.

2×3 m. grid laid out. Remains of at least 2 individuals present, much disturbed. One oriented with ~~head~~ torso to west although skull either not present at all or represented by frags skull nr. centre of burial. This skull also with mandible having extremely worn teeth. Another skull near a jumble of arm bones but not clearly directly associated with any of the leg bones lies to the E facing N. ?

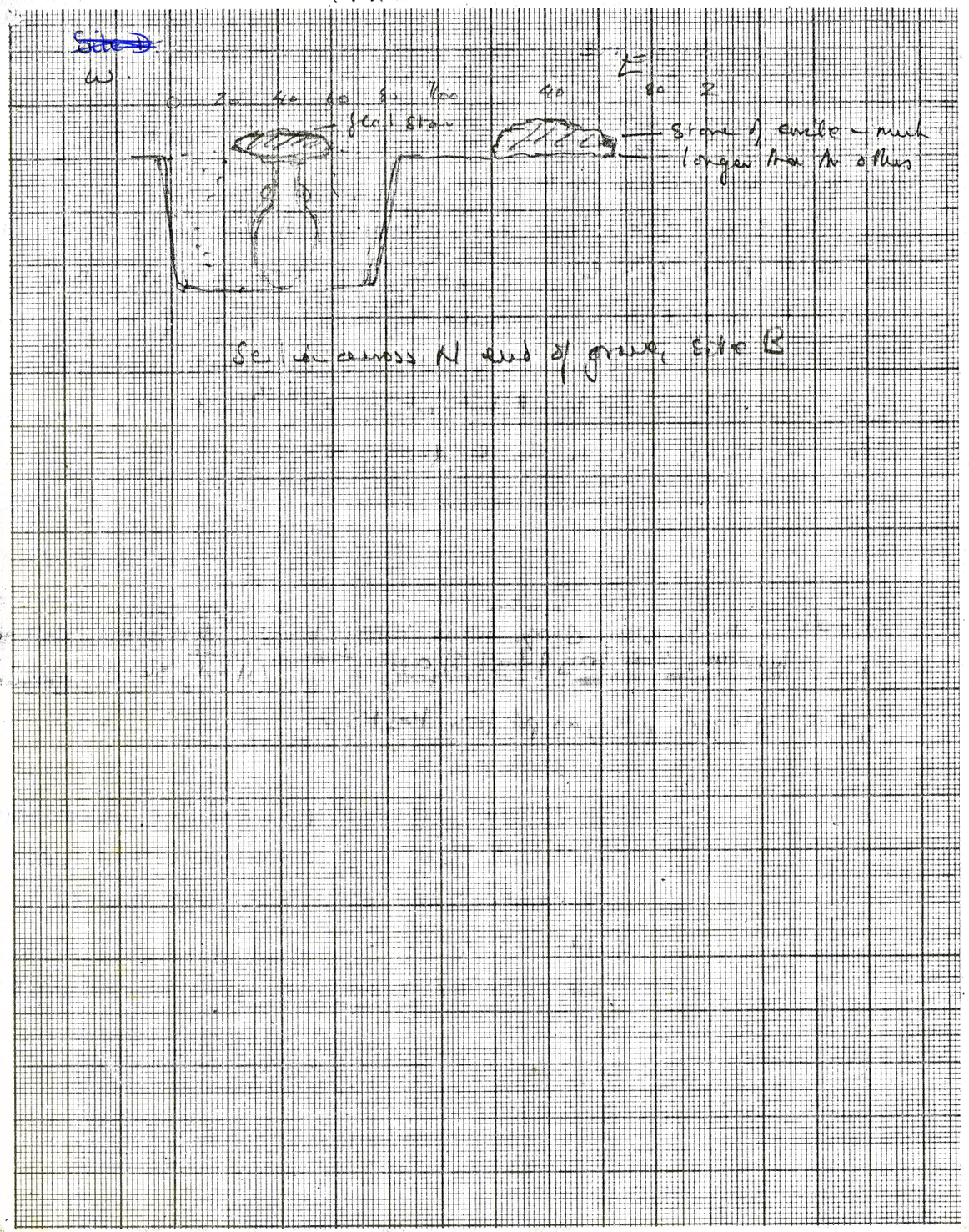
must be S - see plan opp.

Finds: chunk green glass on surface, frags copper bangle with green ~~which have~~ stained frags ~~humerus~~; 3cm frag ~~of half~~ of copper ~~tweezer~~ ? brooch ~~Other frags copper~~, 1 body sherd greenish-yellow glazed pottery as pot from Haf MS A.

08-June-1979 small raised-strap-handled jar. hard buff paste, with green glaze indications although patina completely eroded away, much sand-blasted. In Nbi but no mention here or pot'y book. 1 sherd only described & drawn in finds register as 52/76

F

1:20.



Section across N end of grave, site B

Site B, cont'd from p. 2
(Plan on sep sheet) ~~Site D~~

(2) Harder yellow sand, below surface sand deposit. This removed (10 to 25 cm) exposing a circular area of irregular small boulders, covering most of the (old) ground surface to the E, v. scattered & circle incomplete to W.

Careful scraping in a small patch not covered by stones on E side brought to light edge of ~~a cavity~~ grave. Removal of a roughly semi-circular group of four small boulders (with three at slightly lower level completing a rough circle, 60-70 cm overall, ? fortuitous) enabled the clearance of the SW corner of the grave. Soil in grave looks just like surrounding jebel, but distinguishable with trowel, as softer. Grave 2.2 x 1m at top

Grave 65 cm deep; no bars or other features as in 'A'; no trace of any bone. At N end, fine light green glazed (decayed to silvery grush yellow) jar, (61/76 with flat stone (on plan) resting on top of rim, which it had slightly crushed. Bottom rested on floor of grave. On E side of grave, near SE corner, curious block of stone, ? natural, looking like female pelvis w. prominent pubis, and legs, with tapering 'arm' and fourless 'hand' at side. Rested against side of grave, bottom at base, at an angle photos. If not carried, must surely have been selected deliberately. (65/66)

Supervisor: Matthew Smith

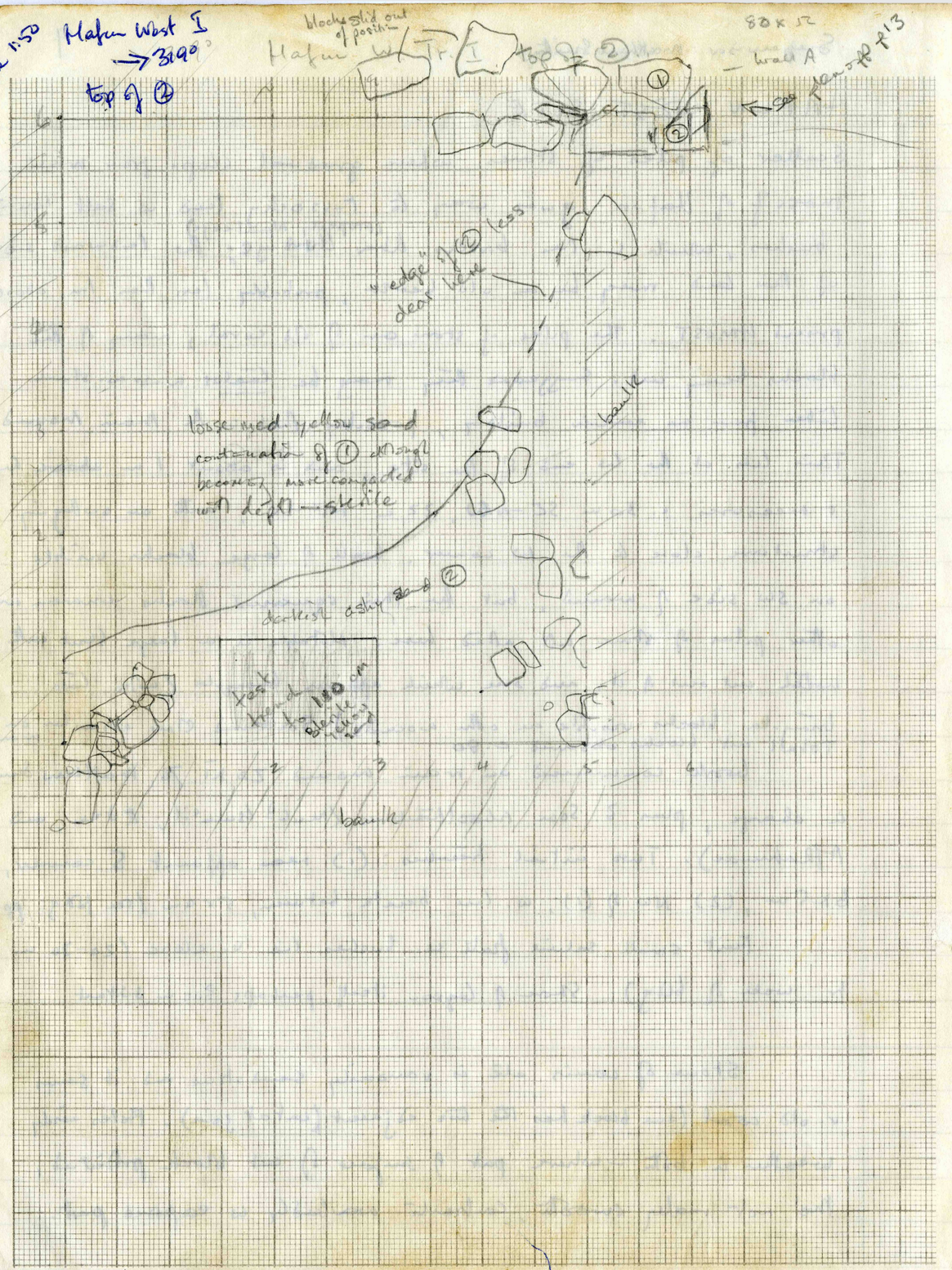
HAFUN WEST SITE

Scatter of piles of stones where gradual slope from main massif of Hafun gives way to tussocky land w. salt-loving bushes, which in ten borders Khor Hardiye (properly Naaleeye). The landward side of this land may be an old beach, probably less than 1m above present HMOST. The piles of stone are of old coral; many of the blocks being cut. Suggested they may be taalos made w. stone taken from an earlier building, possibly that in the main mound. This lies at the W end of the site, and is about 1 m ~~above~~ high, & measures c. 30 m SE-NW, 22 m NE-SE, with an outlying structure close to the W corner. Wall of large blocks visible on SW side of mound, but the thin squared blocks common on other piles of stone not noted here. Notable is a large block with notch cut out of it, and one which appears triangular (note two triangular blocks visible on other mounds.) Scattered stone elsewhere on mound.
Total cut blocks observed c. 80

Work commenced on main mound 20.XI.76, Matthew Smith in charge, plus 3. Som schoolteachers (Muh^d Ismaʿil, ʿAdeu, and AfRahman). Two initial trenches: (1) near apparent S corner, 6x5m, (2) NW of (1), w. line bank between, 5x4m. (see foll g: pp).

First small saline flats w. bushes lie v. close (20-30 m fr wall of bldg); Shore of lagoon itself perhaps 300 m distant

Stone of cairns etc is variously sandstone and it seems v. old coral (one block has the two adjacent (cut at zone). Holes easily weather in both - where part of surface of cut block protected, tho' not really smooth, contrasts markedly w. exposed part.



Hafun W Trench I

SW side (5 m) laid out along approx centre of apparent wall, running SE-NW; SE side (6 m). Opened 20-XI-1976

① Wind-blown sand, roots

d. ca 13 cm ⇒ Burnt patch on uncut rough stones, E corner formless, seem to have no others beneath. Some formless stones against wall in W corner; 2 pairs scallop shells lying agst these. More unshaped worst stones forming no pattern along NW side to N corner.

Finds. 4 Scallop shells (1 v. lge, 17 cm). Sm frs bone (all thrown)
1 chert flake.

Pot (ex) pot book 37 sherds — Glazed. Fr. base jar, flat, yel-buff fabric; glaze same colour
Amphora frs, inc lengths 'rod' fr. double handles. (join w. frag fr. ②
Rest inc frs pink/buff jar, asphalt w'in; frs coarse jar, veg. lumpen

② 2 Stones in W corner appear to form part of a wall, one course only. No level ② in 2/3's of trench where loose sterile sand below ①.

d. ca 4 & ca — In NE half, ① is undertain by a grey ashy sand c. 28 cm in depth. This grey layer appears cut away (prob. eroded) in half the trench s.o. The formless stones in the N corner lie in ②. Also in the N. corner, a dark burnt patch within the grey ② & below the stones.

Reached sterile sand below ②. Trench abandoned. see over

Pot (ex pot-book q.v.) — 13 sherds, inc b/ss amphora (one joins w. one fr. ①)
b/s purple jar

see over

(3) test trench 1m x 150 dug below (2) at 150 to 3m NW of SE side to depth of 100 cm. No finds. Yellow sand only
step back up to 65 cm to NW & only 53 cm to SE of test cutting

Final Note The ashy deposit, similar to that elsewhere, has been cut away or steeply erosed by wind or water in S. corner, and wall A, which pulling apart at SW end prop similarly cut away

Note massive nature of this ? erosion, in connection Tr II ate

Hafna W IV Opened 24-11-1976

NW most of trenches NE of baseline: 5 (SE-NW) x 0 m. Slopes to N$W, into dip between main wound and the 'platform' of stones XXIII

(1). Surface sand. c. 3-4 cm deep

Sherds for this mixed w. ~~[illegible]~~ what should be (2) but both together

bagged as (1)

Finds: frag Cu nail (n.k)

(2) Ashy dark. c 26 cm - thins out and disappears to NW depth below surface ∴ E corner

bagged as (1)

NB. sherds mixed with (1) & bagged as such

see section opp. p.44

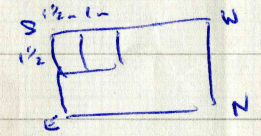
(3) Yellow-gray [= (Ea) in II] NB. The few sherds bagged as (2). d. c 34 cm ∴ E corner.

bagged as (2)

Trench 2½ x 1½ m deep ∴ S corner to c. 45 cm.

A deeper trench 1½ x 1½ ~~2 x 1½~~ m deep in S. corner to -125 cm. Sterile sand

ie



Final Note Nil of interest.

Hafoun W. Tr II.

Courtyard W Tr I, on SE side (6m); SW side now along wall. opened 20-~~X~~XI-1976

(1). Layer - blown sand, rootlets. Occ. c.15 cm only

4 Layers (40-50 cm) coral blocks, v. eroded but prob once squared in and protruding above this stratum; fragmentary small stones ~~dynamited away~~, ~~SW side~~ away thin (removed); more fragments ~~after~~ SW wall (also to be removed). Frgs large ~~pots~~ jars in situ showing - (1) protruding from layer down. On plan as ~~#~~ # 4. May possibly be of (1) but prob (2). Dug away before stratified ~~disturbed~~ examined. NB base, mud bricks inside then ~~of~~ below max depth of body frags ie. a mass (circ. arrangement of upright jar frags.)

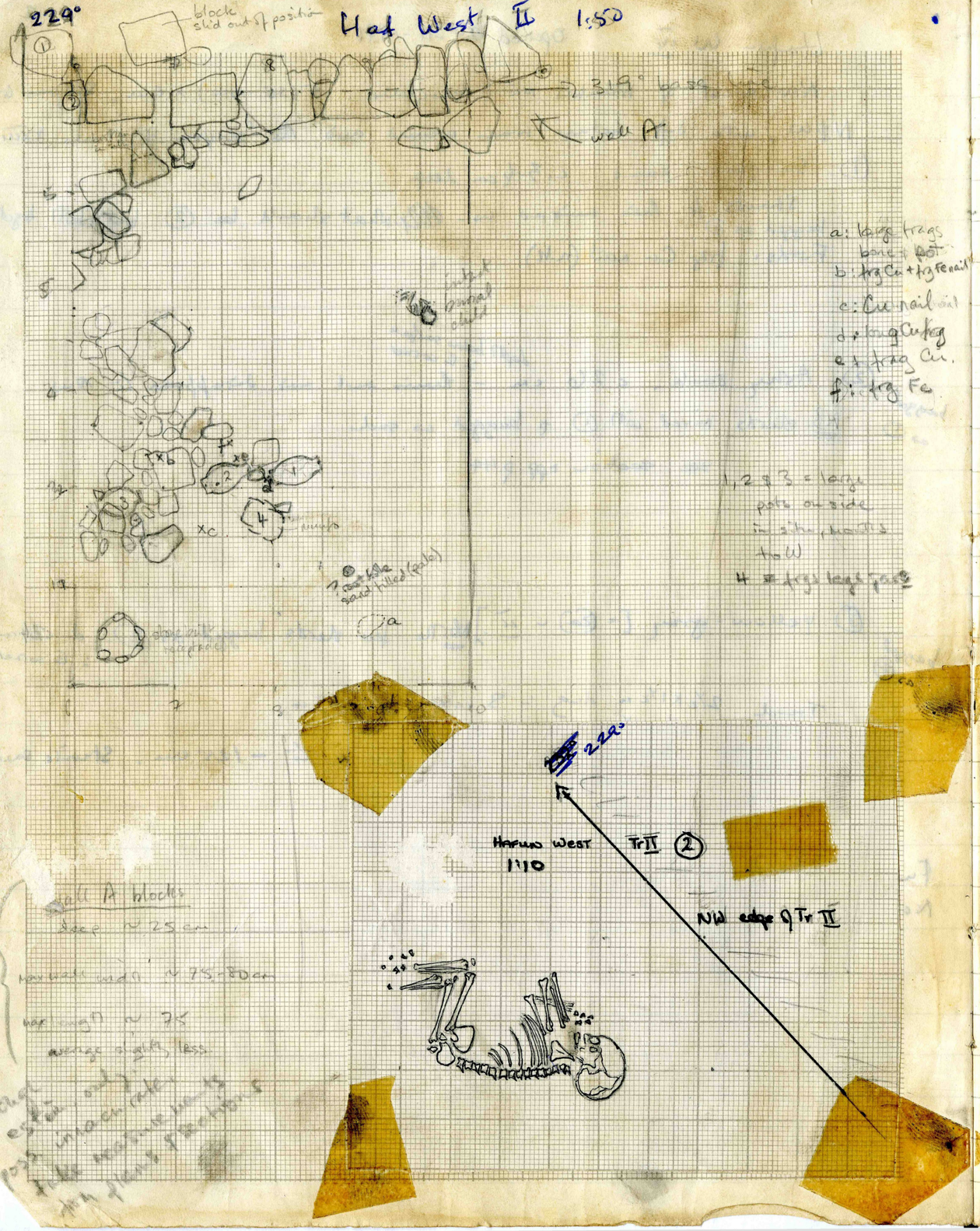
Pot. ex pot bk, q.v. 56 sherds, mostly buff/pink b/ss jars, many w. asphalt. 2 b/ss fine thin pink/buff ?amphora

(2) Pot #4 (see above) broken/collapsed in situ & sunk into level (2a). This pot #4 actually a heart surrounded by in fact, mass of frags, not complete body. frags 2 jars, one reddish + asphalt lining, other greenish-buff without. Joins of one with sherds from III (2). ~~After sherds pot #4 were from II (2)~~ (2) is a variegated ashy grey deposit containing darker bands of denser burnt material. Intact undisturbed baby burial (?foetal) S.O., no grave goods, no trace grave pit

Finds. 2 v. Cyp (15, 17 cm) scallop shells (Murex); other shells (Rapa) Frg limbbone; frg large Cu nail (nk.)

Pot exportbook (q.v.). 166 sherds, mostly b/ss with jars, v. many w. asphalt (cf (1)) 4 Amphora sherds inc 'rod' hr. double handle. Rim ? cook-pot. b/s red-purple jar. Unpic thin red base; f.d.

(2) cont. see over.



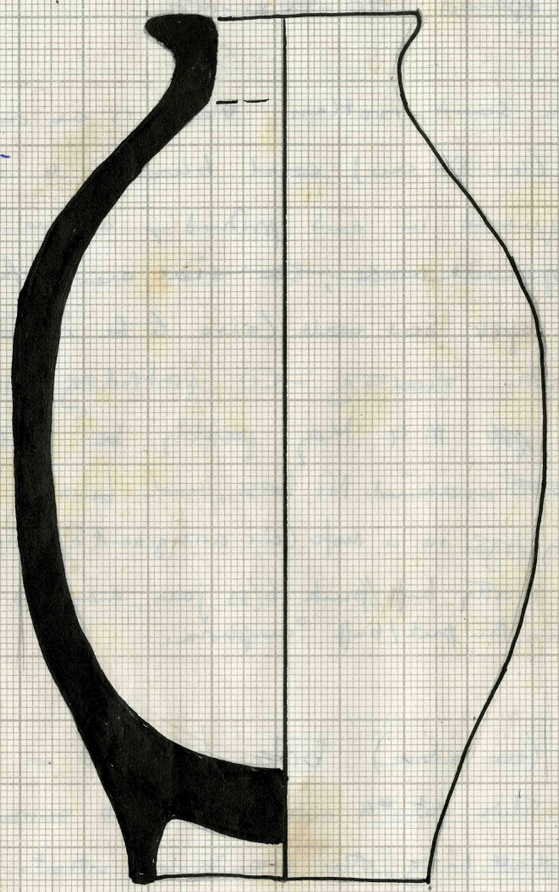
Tr II (2a) 1:4 Pot 1. All pots lie mouth to NW; pots 1+2 in line, 3 a little to NE

~~[illegible]~~

bodysherds found within pot

Hand-made, reddish-brown 'all thru' soft v. friable paste, veg. (grass?) temper

thumb impressions upper inside



II (2) cont. Odd circular stone-built receptacle 1y=z = (2) (see plan opp p.13) & apparently built into an edge, small stone slabs & caked mud, not dug as lined pit. Empty of foods. I use unclear.

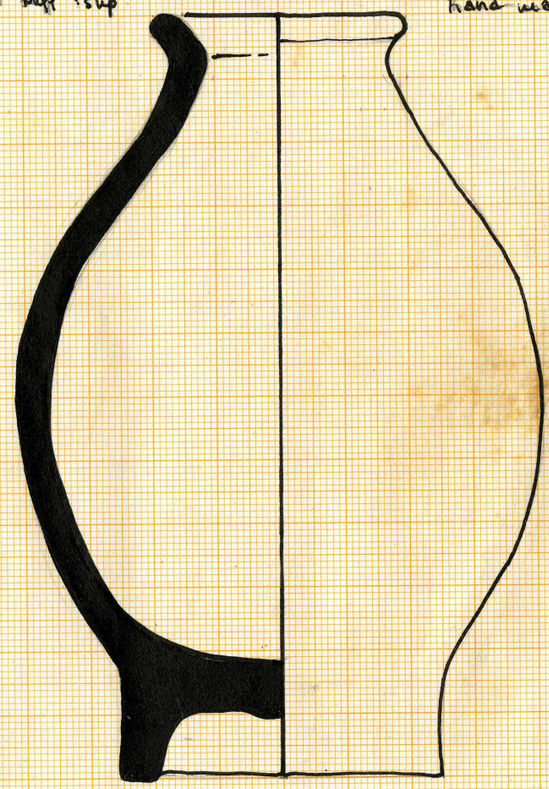
NB Baulk between II & VII removed for 1.50 m from N corner of II & bagged as such. Also corner baulk btwn II, III, VII & VIII.

Baulk between II & III dug away for 2.40 m from N corner of II & bagged as II. ?Myc sherds from (3) spin into those from II (3), although found at some distance from the latter.

(2a)

Hofun West Tr II (3) Pot 2 1:4 buff slip. grass? temper.

Fabric burnt black inner (w blk surf.), red outer, upper part buff ?slip hand made

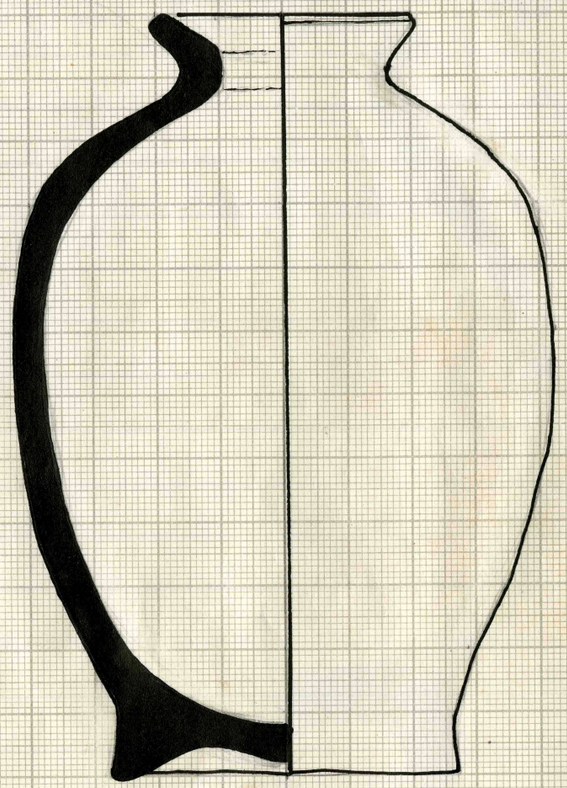


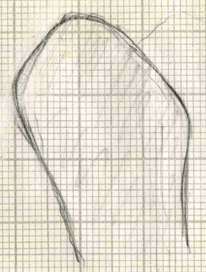
(2a)

Hafuns West Tr II ~~(3)~~ Pot 3 1:4

body sherds with pot (caved in)

light brown buff inner + outer. veg. tempr.





Haf. W VI (4)

variant rim 1:1

Haf W. Tr II

(2a) Greyish sand shading to yellow.

Pots 1 to 3 in this

One grnish/buff jar b/s alleged by A/Rahman (his trench) to come from near pot 1, but M. Smith doubtful about this. Cu frg ? nail [b] single nk.

frg Fe ~~small~~ ? nail; 3 frgs. Cu ? (n.k.)

max depth 82 cm but frequently less

(3) Yellow sand with blackish patches

? Mycenean sherds, stirrup-jar type decn, at c -85 cm b.s.

max depth trench 107 cm

[Not certain that really reached sterile sand - (4), but no finds in last 20 cm do]

NB. Photos of sections against wall A follow photos of burial Haf. W. XXX.

Final Note. Yellow sand antedates wall. Grey ashy can stratigraphically be either contemp^y with wall, or later. Note that this ashy deposit slopes up to the wall; the ~~darker~~ greyish (2a) 'melts away' as it gets near the wall base. View that earlier deposits blown or washed away before the ashy deposit was laid down fits facts best.

~~Mycen sherds~~ The dark patches are in (3), the stratum w. the ?. Myc sherds are very ~~vague~~ nebulous. ~~No sherds known to be found in dark patch, but at~~ Sherds never found except in these slightly grey areas. Similar areas pan-ande wall A. This deposit w. Myc sherds either antedates or is contemp with (was still accumulating) at time wall was built; not possible stratig^l to say which.

Tr XX p. 1:50



bank btw XX & III partially removed.

① surface loose pale sand 10-15 cm deep.

② Grey ashy deposit. Pottery & ~~flints~~ flints (see plan of III). see note under III p. 37

Hafin West XX

opened 21-XI-1976

5×4 trench sloping fairly rapidly to SW. Various stones visible on surface, mostly in E corner & down SE side. Some of the latter are cut (one possible & another unlikely triangular) & perhaps form part of a wall running approx SW-NE. Rather unlikely — see final note on walls.

① pale loose windblown sand. Roots. ~~[illegible]~~ The grey deposit ~~[illegible]~~ properly ② included with this level. ~~[illegible]~~ 10-15 cm ie surface sand c 5 cm & grey deposit max depth 15 cm thinning out to SW.

Pot (ex pot bk, q.v.) c. 30 sherds, all b/ss soft red/buff jar(s) except fine pink-orange

F=dsr Few sherds, frgs Fe & a banded agate bead (sub spherical or a stubby round-ended cylinder) — inc nail, head c. 2 cm, shaft sq. 1 cm. v. corroded

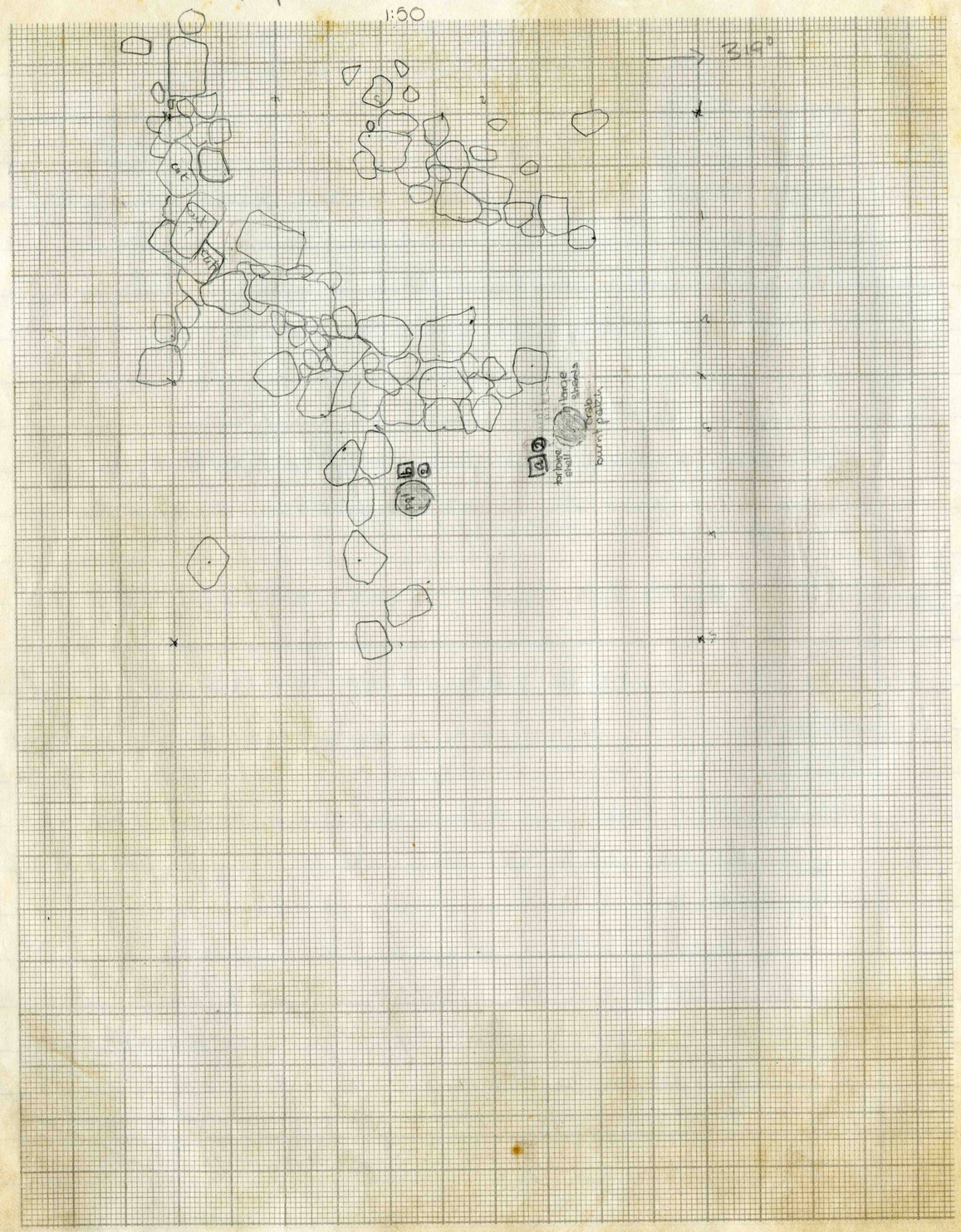
② corresponds to II④ ie sterile pale sand. Dug to 40 cm. trench abandoned.

Final note (w. XXI) Wall D (NE face only apparently surviving) continues line of set-back stones NW corner wall A (w gap between) but stones ~~[illegible]~~ smaller & thin possibly fortuitous.

Wall E looks v. improbable, the single course sloping down the mound. Looks more like vertical jamb fallen fr Wall D, but jamb in this posn hardly explicable. Fallen stone in XX presumably fallen fr. Wall D. No explanation there in XXI.

as the stones would have to have been originally set on their edges — unlikely without mortar.

Hafn West VI



5x5 m trench opened 23-11-1976

surface slopes fairly rapidly to E corner & becomes cemented just beneath surface sand (~3 cm) from centre of trench towards NE side. Many formless stones visible on surface all in S half of trench. ~~These~~ All random stones of VI lie on a dark ashy band in (2).

(1) loose pale sand, roots, ~9 cm deep at N corner, 11 cm deep in W corner. Stones visible on surface lying on dark burnt layer at top of (2).

Finds: Pottery & bones - Bones ~~[illegible]~~, few frs.

Pot (ex pot-bk q.v.) c. 20 sherds; wcm ? amphora handle, red, rest buff/reddish jar b/ss. 3. w. asphalt within

(2) Medium grey ashy sand with occasional darker patches partic. just beneath formless stones lying at the centre of trench. Depth ~30 cm in N corner 33 cm deep in W corner

~~(3) Sterile yellow sand below (2), trench abandoned.~~

c. 1/4 kg, mostly turtle

Finds: Pottery & bones. NB. Sherd purple paste jar joins with one from III (3)

Pot (ex pot bk q.v.). c. 60 sherds Amphora, upper part (drawn); hard purple-paste jar, 16 frs; inc neck & shoulder (impressions ⌓ ⌓ ⌓ thereon, not as MS frs) (f.d.); fr. red knob-base, amphora; fr hand-in deep bowl, fr ? cook-pot

Hafun W VI

(3) lighter ~~the~~ grey than (2) on the whole, ashy sand & ~~sloping~~ black burnt band sloping down to N corner c. 47 cm deep – ~~the~~ N corner 53 cm deep – W corner. Several black burnt patches towards centre of trench. 2 crushed mofo's of pot & tortoise bone ~~[illegible]~~. No (3) – E corner where sterile sand below (2)

(= contin of (2))

Pot (ex pot bk, q.v.) c. 26 sherds, all b/ss jars (mostly red-buff, some w. asphalt) except 2 red, hand-m, veg. limpers; and red flat rim $P_{1/2}$

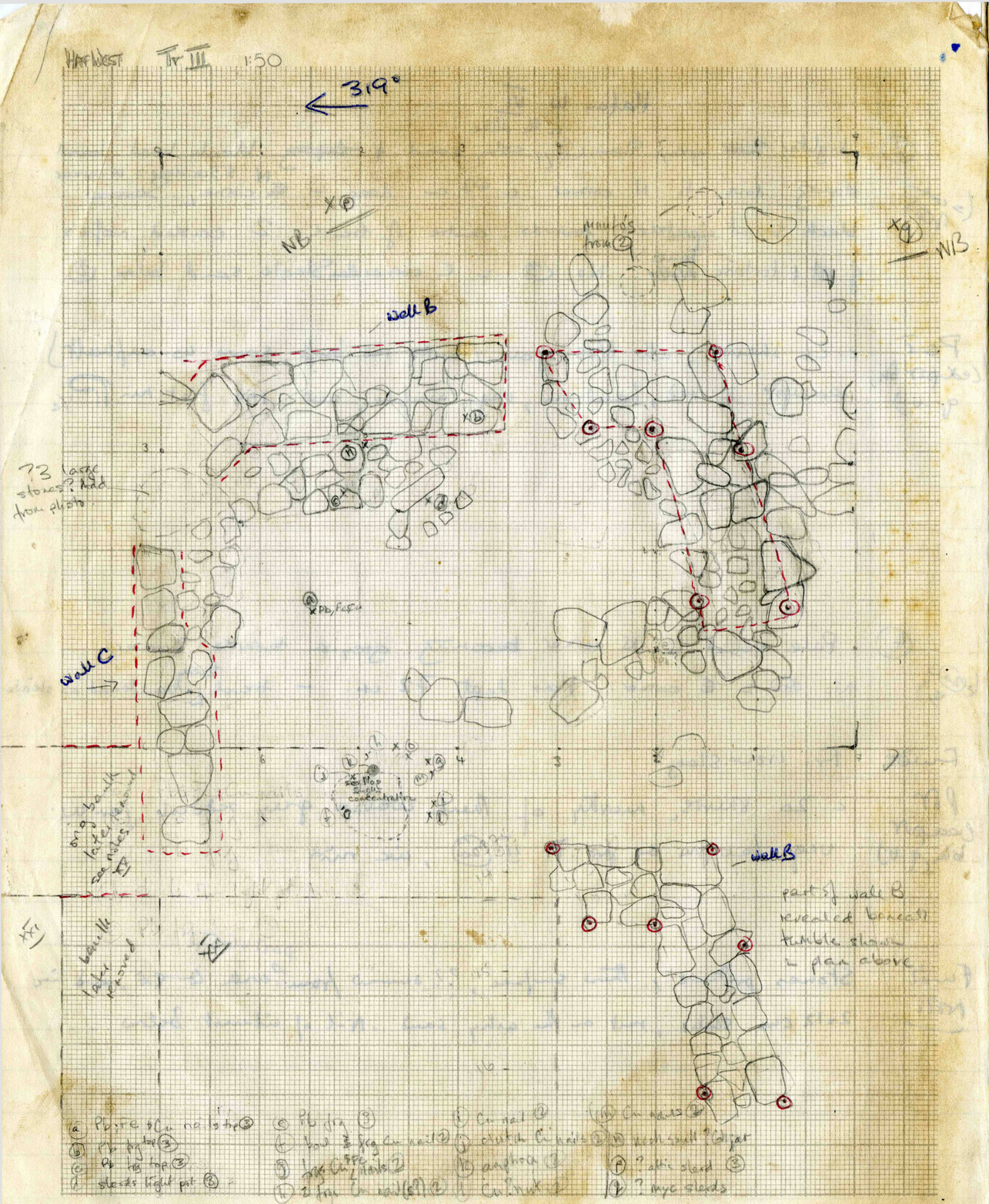
(4) Pale sand in N corner becoming greyish towards S corner. No (4) – E corner. Max depth 72 cm. – trench then abandoned as sterile

(= (2a) = II)

Finds. Fr. iron slag

Pot (ex pot bk, q.v.) c. 20 sherds, mostly of thick coarse grey reddish jar w. veg. limpers as for Tr II (2a), inc rim

Final Note. Stones protruding thru surface, ?? dumped from post-slaped wall to SE, and inc 2x12 cm slabs, rest on the ashy sand. Nil of interest below.



Hafyn West III

opened 21-IX-1976

6×7m trench. Amorphous scatter of stones, some apparently cut. Whole surface almost level except for a slight rise towards the southern corner probably due to the concentration of rocks there.

① depth c. 12 cm. Loose pale yellow-brown sand + roots at surface. Underlain by medium dark grey/brown ashy sand. Part of this underlying grey deposit was dug with this level. ie. The upper part of the deposit which is elsewhere ② has been included here with ①. Few bones, pottery

Pot ex pot bk q.v. c. 50 sherds, mostly small + miscellaneous, largely jar b/ss, some w. asphalt. Fns 2 handle fm & wash-pot, inc 1 carinated (I.A.).

② (corresponds to the middle part of ② = other trenches) depth c. 32 cm. Variegated dark/light grey ash & sand deposit. 2 Hearths or areas of burning with sea turtle & other bone & traps pot surround (S.O.), slightly sunk into ③, each containing much burnt matter. Bones & sherds. The irregularly scattered stones in the SE half of the trench (S.O.) lie upon a dark burnt layer within this level. Removal of these random stones revealed discoloured stones & ash which, tho' they curve a bit to S, appear to continue line of wall described under ③. Upper face and inside of these stones burnt, wall continues see p. 37

Pot ex pot bk, q.v. c. 80 sherds, mostly jar b/ss, buff predominating, many w. asphalt coating, rim one w.(eroded) handle base. Buff grey jar rim, as Cypr. jowls w. one in Tr VII ②. Ring base, fine, fr. Cyp. flask? Jar fr. jowls as Hafyn sherds (pot 4) in Tr II

~~Pot sherds III ② purple paste trefoil rim one from VI ②~~

Hafn West III cont.

(3) Lighter grey ash & sand mixture (than (2)) in which are visible a series of larger stones forming a clear wall with 2 faces, running NW/SE (see plan opp. prev. page). One course only of this wall; These wall stones are heavily blackened on their upper halves & surfaces but not below this. Most of the other stones in the trench, irregular in shape & distribution lie upon the dark layer (properly middle (2)) which corresponds to this burning. The lower part of the level as dug shades gradually & unevenly into a more & more yellow deposit of coarse apparently sterile sand. At various places near the top of this level were found several frgs lead, iron & Cu nails (indeed at one spot, all three of these materials were found together see plan). At the absolute bottom of this layer as dug just above the pure yellow sand, was found a single ? attic sherd. Bones & other pottery throughout the level but thinning with depth. The ? attic sherd was the only find in a depth of about 5-8 cm. (at depth 45 cm below surface)

depth c 56 cm - 80 cm

continuation of this wall see previous p.

i.e. the frgs metal definitely in the grey ash deposit properly lower (2).

Finds. Chert flake. (nk), animal tooth ? small rodent (nk.)

Pot (exp. pot lacking q.v.). c. 90 sherds, many of usual buff/reddish jar b/ss, wie (purple, hard, wh. joins w (neck) in VI (2).

Foining frs pink amphora, wie fr. handle (f.d.).

Knob base of small jar, asphalt w'in; Car cook-pot, dec^n = ... on carination (f.d.); some sherds thick soft red, reg. lamps.

2 tiny frs, v. thin (2 mm) ~~sherd~~-buff ? flask.

To p. 37

NB Sherds from III (3) fit with VII (2). ~~Also sherds purple paste frag fit with other from VI (2)~~

Sherd from III (3) joins with frag. purple paste jar from VI (2)

HAFUN West VIII

7 X 5 m trench opened 23-11-1976. Began by clearing loose surface sand & leaving any large stones. V. few of the latter were visible on the surface which sloped v. slightly to the N.

(1) loose pale windblown sand + roots containing few sherds & bones. A few largeish stones were visible through this layer projecting from below. ~ 8-10 cm deep. However, arbitrarily dug to c. 18 cm thereby including some of (2) = NW half of trench.

Finds. Pierced stone (light gritty lime/or coral/stone), D 30 mm, L. 25 mm, perf not central - ? natural.

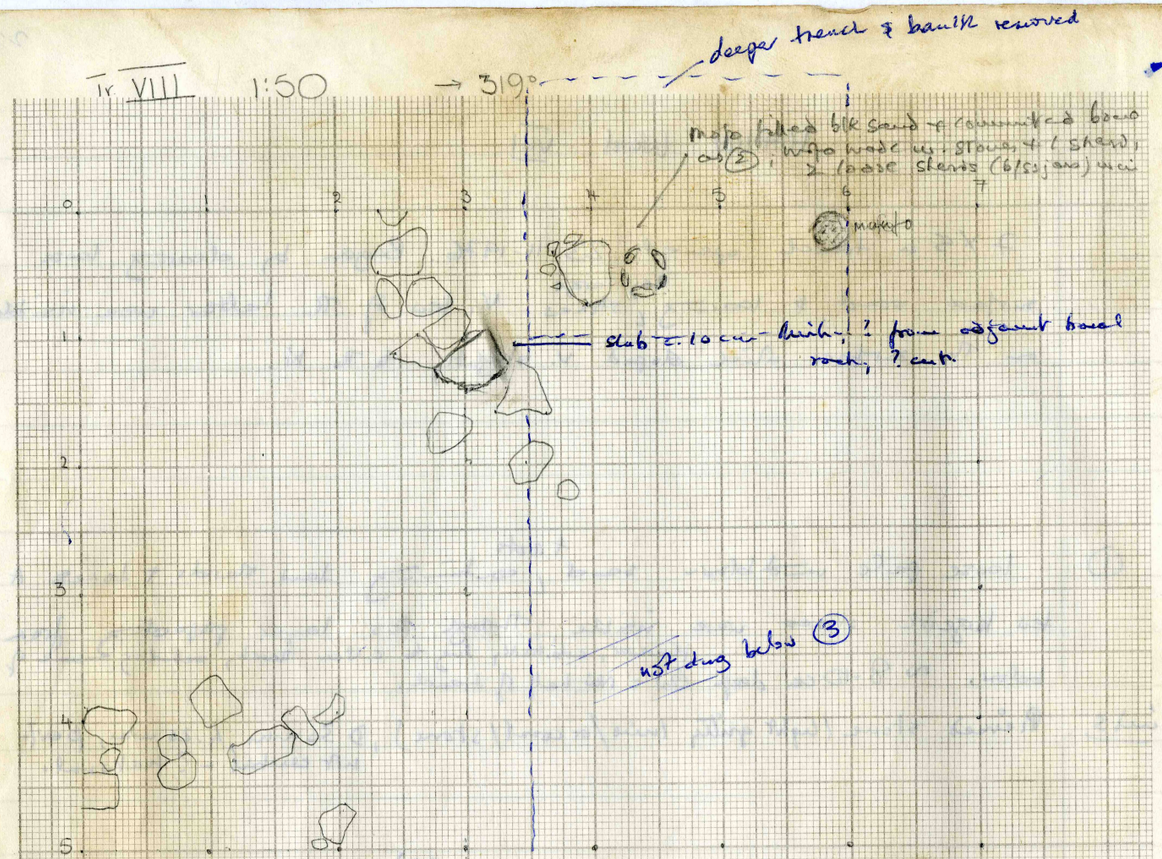
Finds: frg Cu nail & 2 frgs Cu sheet metal (n.k.) + see above.

(2) Stones visible on surface lie in irregular arc meeting NE side at 2 points

ca. 26 cm. Some others now visible scattered about which were not apparent on surface. All lying in & on (2). The deposit is a medium to light grey ash & sand mixture restricted to the NW half of trench. The equivalent deposit in the rest of the trench has eroded away.

POT (ea pot blk q.v.) c. 70 sherds, almost all jar b/ss, chiefly buff, some grinish/buff, + reddish-buff., marking w. asphalt, nine knots base (f.d.?)

V. Dreary 3 hard purple b/ss. 1 or 2 blk h/u cook-pot b/ss



Final note Tr VIII.

The ash deposit here, together with VII, has main comminuted bone deposits. Fallen stones near mafos, including one apparently cut 9-10 cm slab, underlying ash and rest on greyish yellow sand; other stones above ash.

Cut in E corner below group stones yielded nil - see above

Eventually concluded that the deposits (2) & (2a) & (3) & (3a) were the same and that it was merely the extreme richness of the SE deposits ((2a) & (3a)) which thinned out to the NW.

Hafn W VIII cont.

(2a) The deposit underlying (1) in the SE half of the trench was removed & bagged as (2a) as it seemed to underlie the (2) of the NW part of the trench as was suspected would be the case from the sections in VII. The deposit was v. dark & contained much burnt, comminuted bone.

ca 24 cm

Finds: frg. Cu sheet (nk)

(3) Greyish sand in NW part of trench, no comminuted bone. May be either contemp^y with (3a), or later

~40 cm

Pot (ea pot blk, q.v.) c. 20 b/ss as fr. (2); b/s blk, white grits, h/m ? cook pots; 2 sherds soft red + veg.

Bones - 3? camel rib, rest frg.

(3a) DK grey sand, comminuted bone, SE part of trench. Continuation of (2a)

~57 cm

Pot (ea pot blk, q.v.) c. 200 sherds (pot'y book says 150), usual ashy-fill collection, mostly jar b/ss, many w. as ph. in the usual min

(3b) Lighter grey/yell sand, less bone (as III (3)). Similar throughout trench. Dug to 67 cm in SE half of trench with slightly deeper cut nc. W corner (see plan app).

Scatter rough stones (c. 30 cm) middle SW side + in E corner (stones thus overlain by ashy

Sherds 10 sherds, only diagnostic soft red min, veg. temper

13-VI-1979, Nbs: sherds etc bagged (by M. Ismail), as (4) must be part of the (3b) deposit although may be mixed with (3a) ie prob impure mixture equivalent to II (2) & (2a). — MCS.

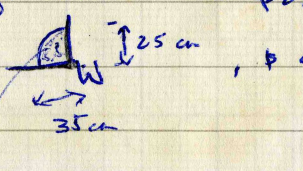
HAFIN WEST XII

Opened 5x4m trench 24-11-1976. On NW side of trench & sloping fairly rapidly to that side & particularly the N corner. An amorphous rumble of stones was visible on a slight rise at the E corner & bordering the trench.

(1) Loose pale surface sand (windblown) ~10-15 cm deep. Roots. Few sherds & bones.

(2) Variegated grey ash & sand deposit with much bone. Deposit slopes down slightly to the W corner where together with the corresponding rise in its surface gives a much greater thickness of deposit at this corner. Although dug horizontally within (2) there is an underlying dark stratum of considerable thickness (41-49 cm) at the S corner which thins towards the W beneath the richer deposit mentioned above. This earlier deposit is lighter in colour & less artefact rich but contains a burnt patch in the sections at the S corner.

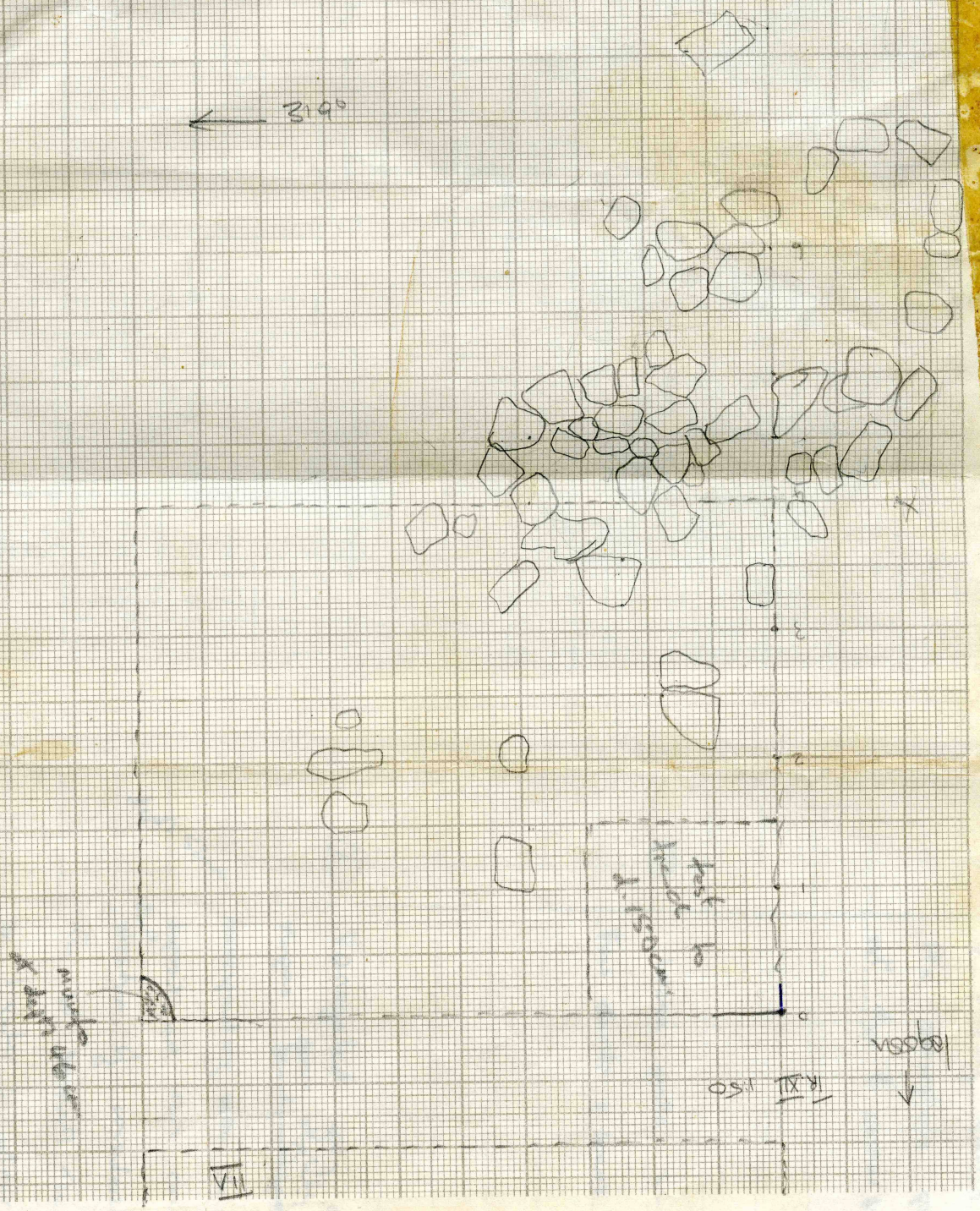
A hearth lined with figs turtle bone lay at a depth of 46 cm (below ground) in the W corner



, & dug into the sterile sand to a depth of 73 cm

Rural white sand

HAFNA WEST XII 1:50



Hafer W XII cont.

Final Note

Group of stones in E corner seem completely random (and a rough cut on its E side disclosed only sterile sand beneath. They overly one only patch, but in general the ash level thins out v. rapidly on SW side. A few stones in ash here. Test trench in S corner latter down to 150 cm b.s (S corner) yielded no sherds; yellow sand only

Hafun West XI

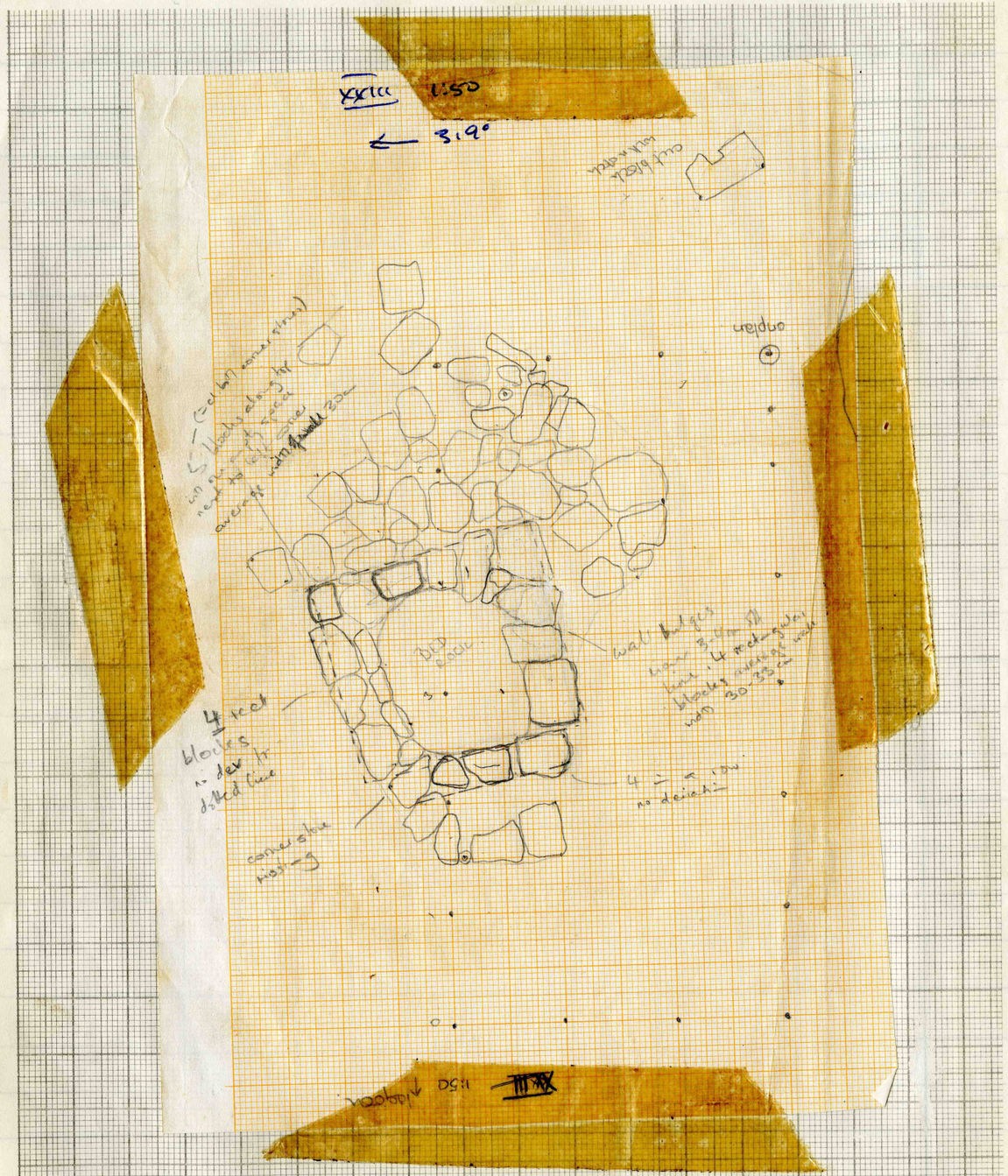
opened 23-11-1976

5×4m trench on E slope of mound. Surface slopes steeply to the E corner & had no visible stones. Later extended to 5×5 by cutting 1m further to the NE.

① Pale loose sand, roots. Max depth 16cm in W corner. Few sherds no bones.

② Deposit ranging from light grey (ashy sand) in W corner to pale yellow sterile sand in E corner. Several darker burnt patches in W corner. Max depth 50cm in W corner. Few sherds, no bones. Below ② pure yellow sterile sand. Trench abandoned.

Field Note. Situation much as in IV. No real ashy layer, only greyish sand, which disappears to E. No stone whatever (but path to N, parking in XII.



Hafun West XXIII

opened 23-11-1976. 6×3 m cutting slight mound to W. of main mound with many formless stones visible on surface. The trench covered the south-eastern side of the mound only.

① loose pale surface sand w/ some roots. Few sherds.
Included: this level was the underlying dark-grey soil of the E corner & the yellow sand of the S corner. More pottery, partic. in E corner, but no bones. ~~3 nails~~ Also dug 65 cm through the centre of the mound on the NW side of trench where there was a gap in the stones but found only sterile yellow sand. Max depth ~~[illegible]~~ of grey deposit ① 18 cm in SE side thinning to 6 cm on NE side.
Finds: 3 nails

frag shell in crack in surface bedrock

② Yellow sand throughout trench w/ v. little pot & nothing else. no finds in central cut. Bedrock at c. 150 cm. (Sand in central cut becomes paler after 45 cm. trench outside stones dug to max 35 cm.

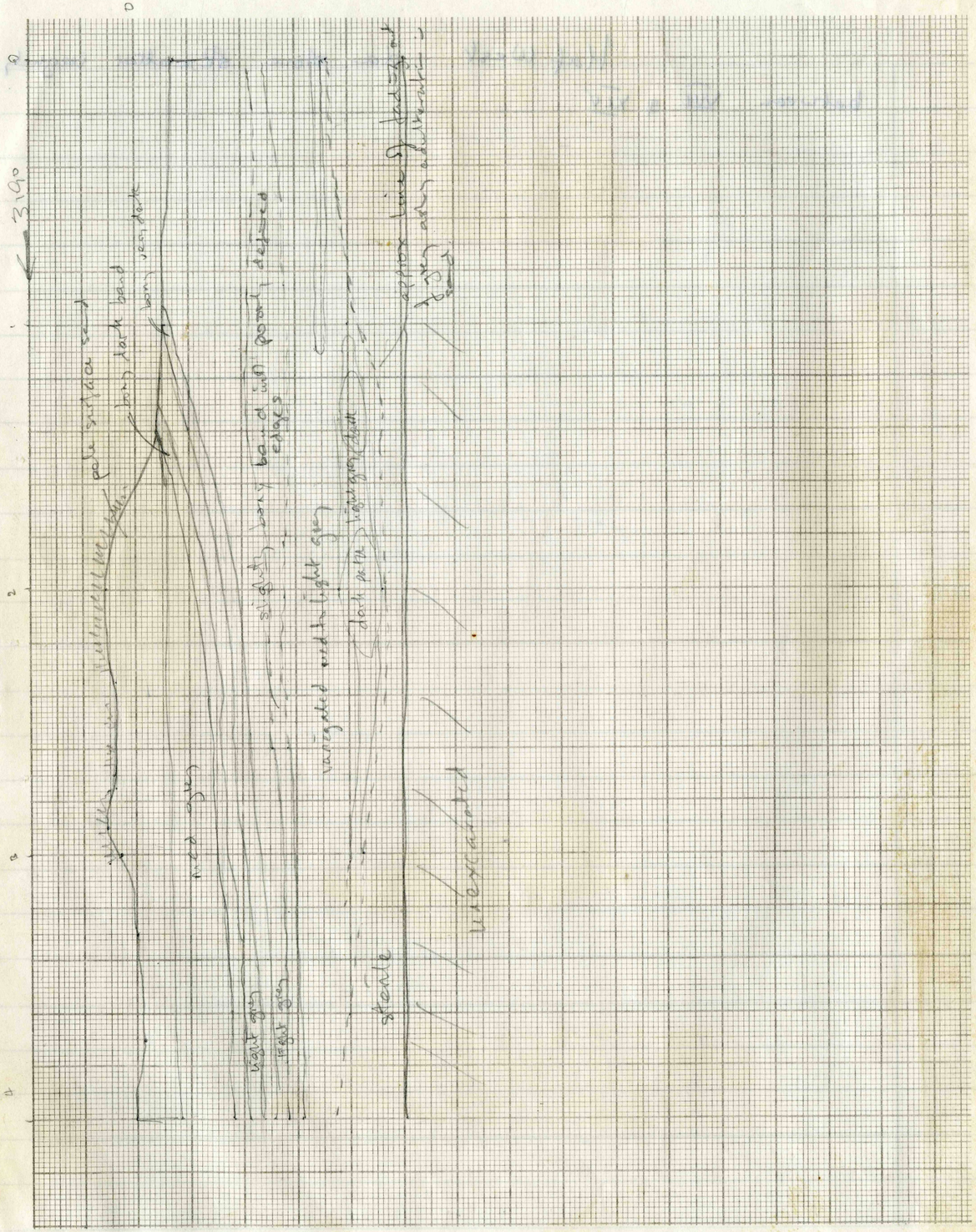
Final note

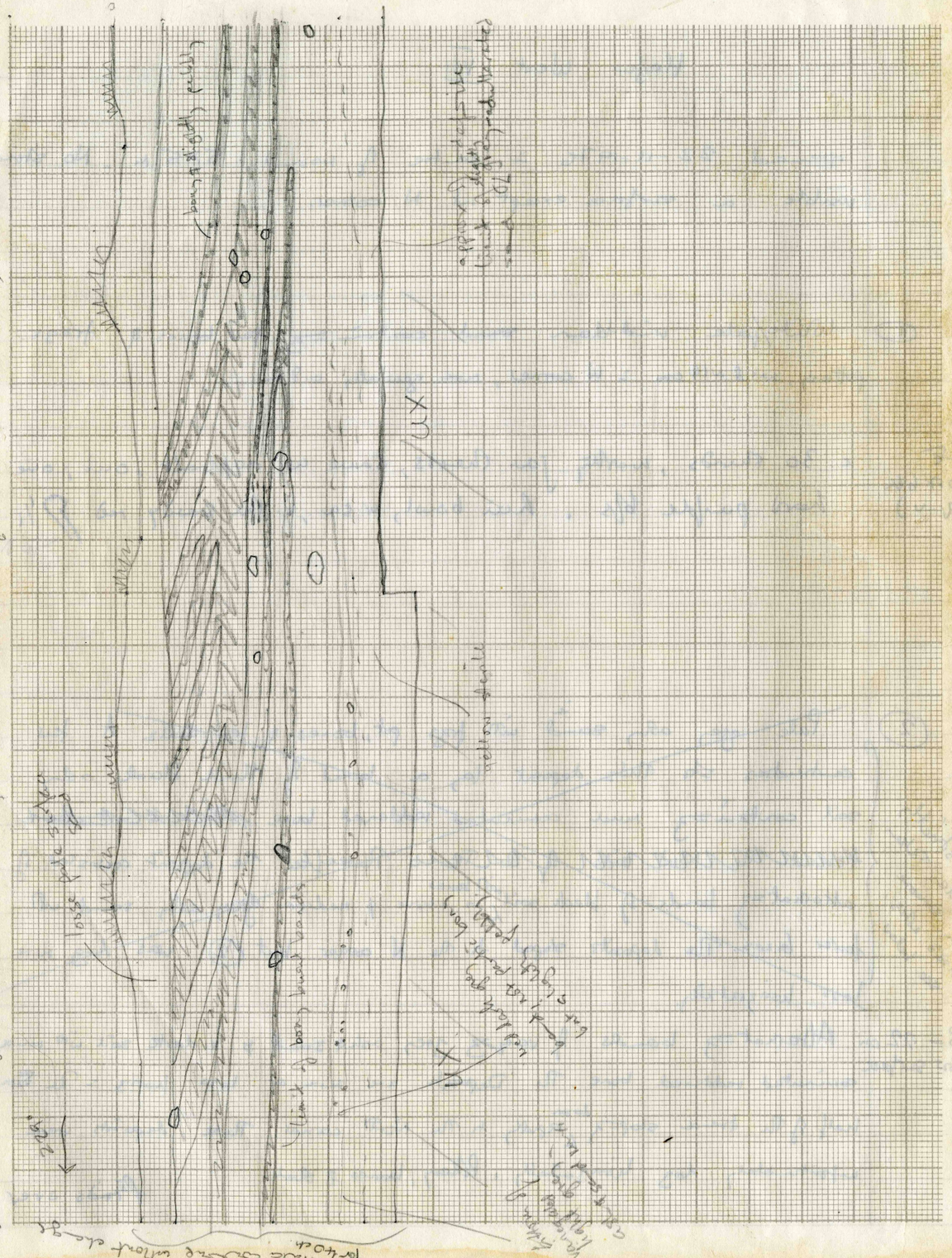
Central part is 4 sides of a rectangle (1 or 2 stone missing to SW); these stones flatter than the surrounding ones, which lower more or less in frame. Only 1 course thick throughout. In centre of rectangle, irregular (roughly oval) sandy space. Dug down through this to ascertain if grave; no sand and no finds

The bedrock is similar to that exposed c. 150 m to W
Structure quite inexplicable

Flat West stone scatter between VIII & XIV




HAF WEST VII
Scale 1:20
Pale sandy band
Dark band
Dark band
Pale sandy band
Dark band
Dark band
Pale sandy band
Dark band
Dark band


Scale 1:20
Helpston Heath West
Trench 1
Trench 2
Trench 3
Trench 4
Trench 5
Trench 6
Trench 7
Trench 8
Trench 9
Trench 10
Trench 11
Trench 12
Trench 13
Trench 14
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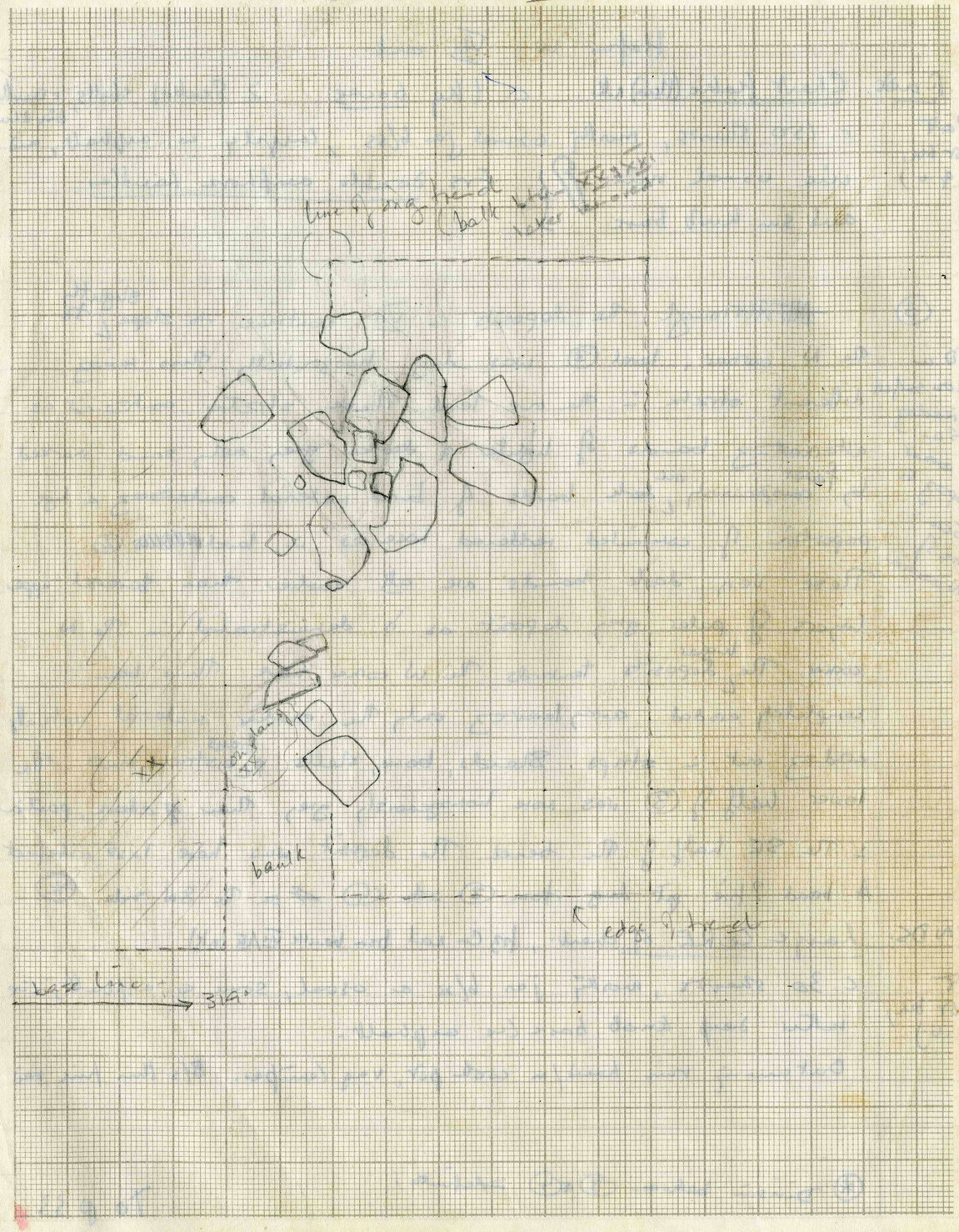
Trench 16
Trench 17
Trench 18
Trench 19
Trench 20
Trench

Hafun West XXI



HAFUN WEST XXI

opened 24-11-1976 a 3x6 m trench ~~at~~ on western slope of mound. Several formless large rocks visible on surface, none apparently cut. Surface slopes fairly rapidly down to SW side.

① loose pale windblown sand, roots. Depth 6-15 cm, max at E corner. V. few sherds.

② Varying grey ash & sand deposit apparent only in E half & fading out towards trench centre. V. black burnt patch/lens close to E corner at depth 18 cm. Total depth of deposit ca 20 cm.

Sterile sand below ② dug to max depth 40 cm.

Final Note - see p. 16 -

Hafun West VIII cont. from p. 31

~~(4) By this level the strata had ~~less~~ become more or less horiz. & consisted ~~of~~ in the main of a less artefact rich medium grey ash & sand deposit. ~~The upper surface~~ An apparently formless scatter of stones came to light in the N & S corners. A very dark burnt patch lay within the deposit along the SW side~~

(4) Dirty yellow brown sand with a scatter of stones in both the N & S corners. Pottery, bone. Yellow sand only a thin layer underlain by mixed ash & sand deposits as before. Conspicuous black burnt patches towards S corner containing much bone, with other lighter burnt patches extending over whole trench.

72 cm below surface to 102 cm in W corner

trench abandoned before sterile sand reached.

Final Note

Only feature is ash level, sloping SE to NW (erosion away at surface in S. corner) and generally to N corner. Note mofos above. Odd stones at base ash deposit make no pattern.

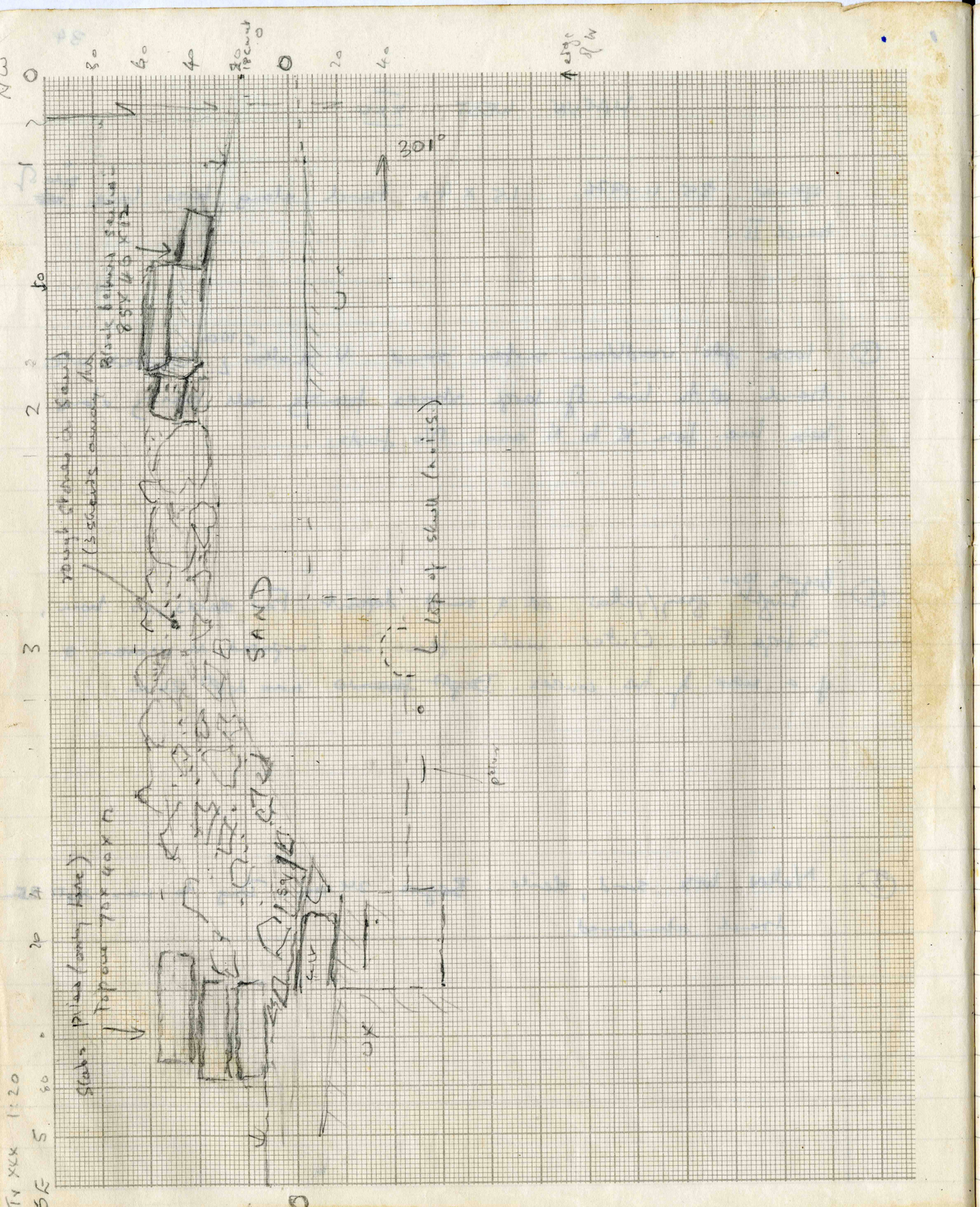
HAFUN WEST XXV

opened 25-11-1976. 1.5 × 4 m trench along base line side of trench II.

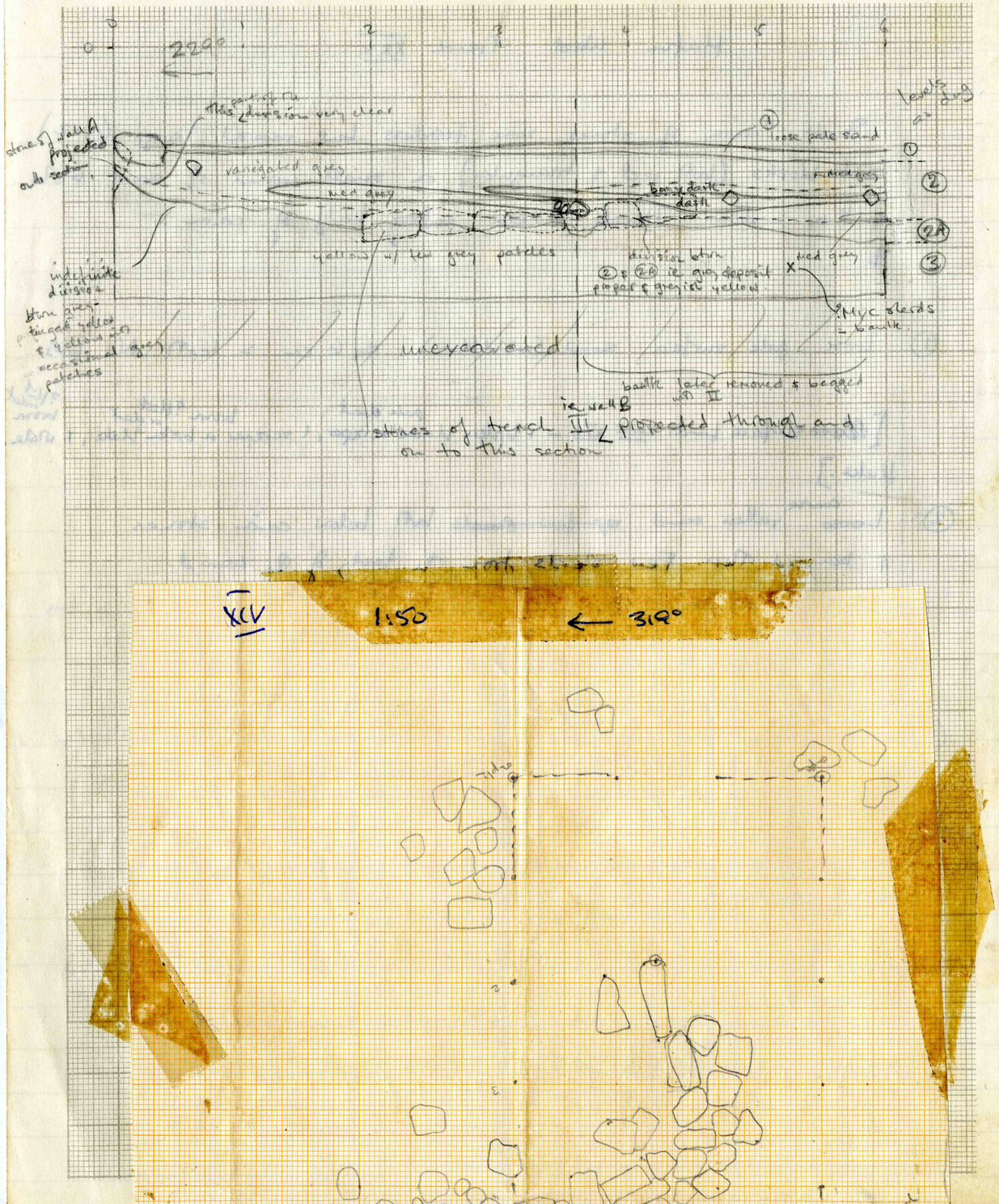
(1) loose pale windblown surface sand. V. shallow c. 10 cm L. Cleared with trench up to line of large stones forming wall running along base line from E to N corners. No finds.

(2) Begins 10 cm. Light grey/yellow ash & sand deposit. Few sherds, no bone, 3 frgs Fe. Outer wall face as exposed N. uneven & of a max of two courses. ~~Depth from 0~~ max depth 24 cm.

(3) Yellow loose sand, sterile. Begins 24 cm. Dug to max depth 35 cm trench abandoned.


301°
Stake
Top of skull (not in situ)
Stake
Top of skull
Stake
Top of skull
Stake
Top of skull

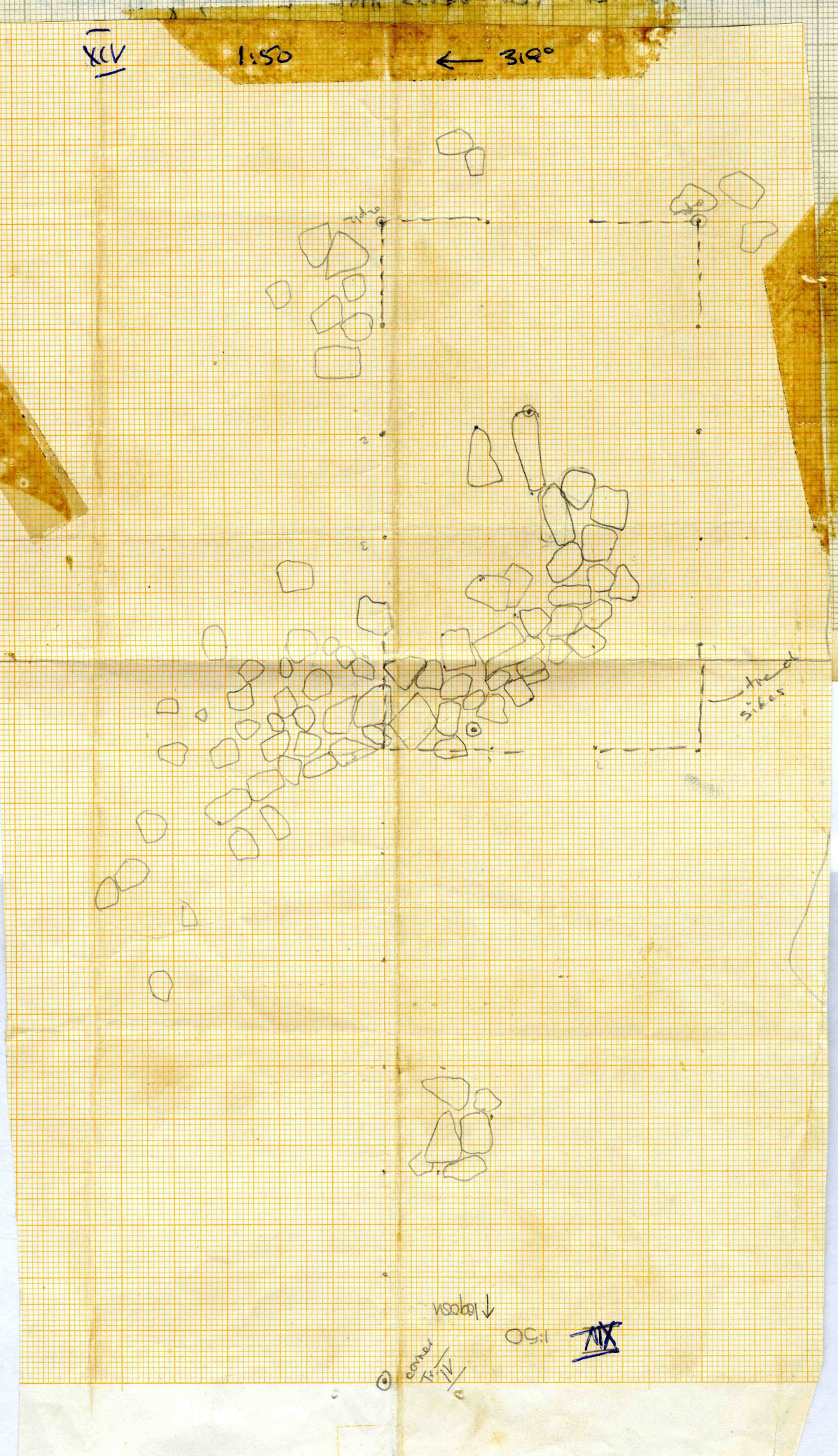
Hakpan West II NW Section 1:40


0
1
2
3
4
5
6
220°
This part of the section very clear
stones of trench II projected on to this section
variegated grey
mid grey
yellow w/ few grey patches
mid grey
mid grey
mid grey
yellow
unexcavated
baulk later removed & bagged with II
loose pale sand
mid grey
mid grey
mid grey
mid grey
yellow
mid grey
mid grey
mid grey
mid grey

XCV

1:50

← 319°



1:50

III ③ cont. Five largest stones lying beyond (to the SE) of the oblique corner of wall B do not appear to form part of any wall but lie at the same absolute depth in the same level and are similarly blackened to wall B. The wall B itself slopes down to its E corner from both the NW & SW.

~~III ③~~ ~~[illegible]~~

③a test trench only dug between 4.50 and 7 m SE of NW side between the NE baulk and wall B, to a depth of 1.22 m.

Baulk btwn III & VIII removed between E corner of III & 1.50 m & bagged with baulk material from II/VII.

Hafun West III cont. fr p. 21

③ cont When more random stones were removed from near the S corner, some but not all: all of which had been lying on the dark burnt layer ~~[illegible]~~ discussed in ③ above (p. 21), more of wall B was revealed, including an oblique corner with the wall then in a line running almost in to the S corner (see plan opp. p. 20). The stones of this wall continuation are also blackened on the upper halves & surfaces. The wall B is of lower ③ or poss ③a, & appears to be the foundation of a wall destroyed during & after the widespread burnt patches.

Wall A appears to continue as wall D with the SW balk of III (see plan of XX opp. p. 16). On the trench side of these wall stones (a single/double line of single course) lay a few tumbled stones with, next to then in ②, an extraordinary concentration of scallop shells all together in a heap, several single Cu nails & Fe nails + 1 Cu "nut" [o] (sheet metal) 1:2, an almost complete & intact small bowl & an amphora in frags (see plan III opp. p. 20). Also 1 cowrie shell. (n.k)

Neck of thin-walled small jar (? Gk) found against SW face of ~~wall B~~ wall B lower ③ (see plan).

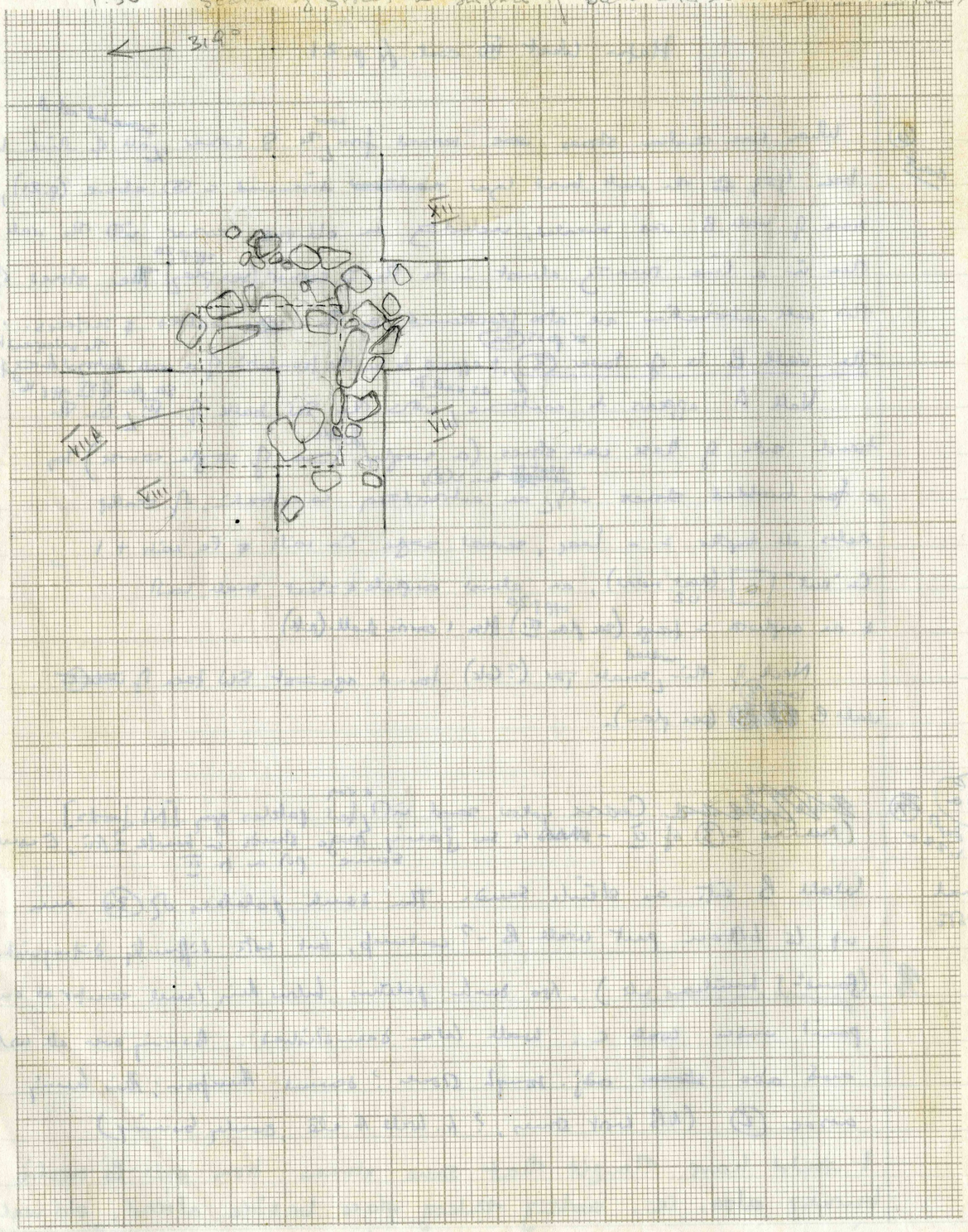
③a max depth 1.22 m. ~~[illegible]~~ Coarse yellow sand with a very few patches grey. [No finds] (~~[illegible]~~ in ③ of II – ~~[illegible]~~ 4 sm. joining mgc sherds in baulk II/III, E corner, same pot as fr. II

Final note Wall B sits on sterile sand. The dark patches of ③a run up to bottom part wall B – ? contemp, but note difficulty distinguishing (found-) trenches etc). No dark patches below this level except at one point under wall C. Wall later demolished. Burning over all wall and also ~~stones~~ adj. rough stones ? derived therefrom; this burning assoc ② (NB most stones, ? fr. wall A etc, overly burning)

I would have thought that some stones from wall B overlie burning also, ie. cooking taking place beside already old wall prior to, during, & after destruction of wall B & poss. wall C

Half West trench VIIA

1:50 scatter of stones on surface of bulk intersection VII / VIII / XII / (XIII)



VII A

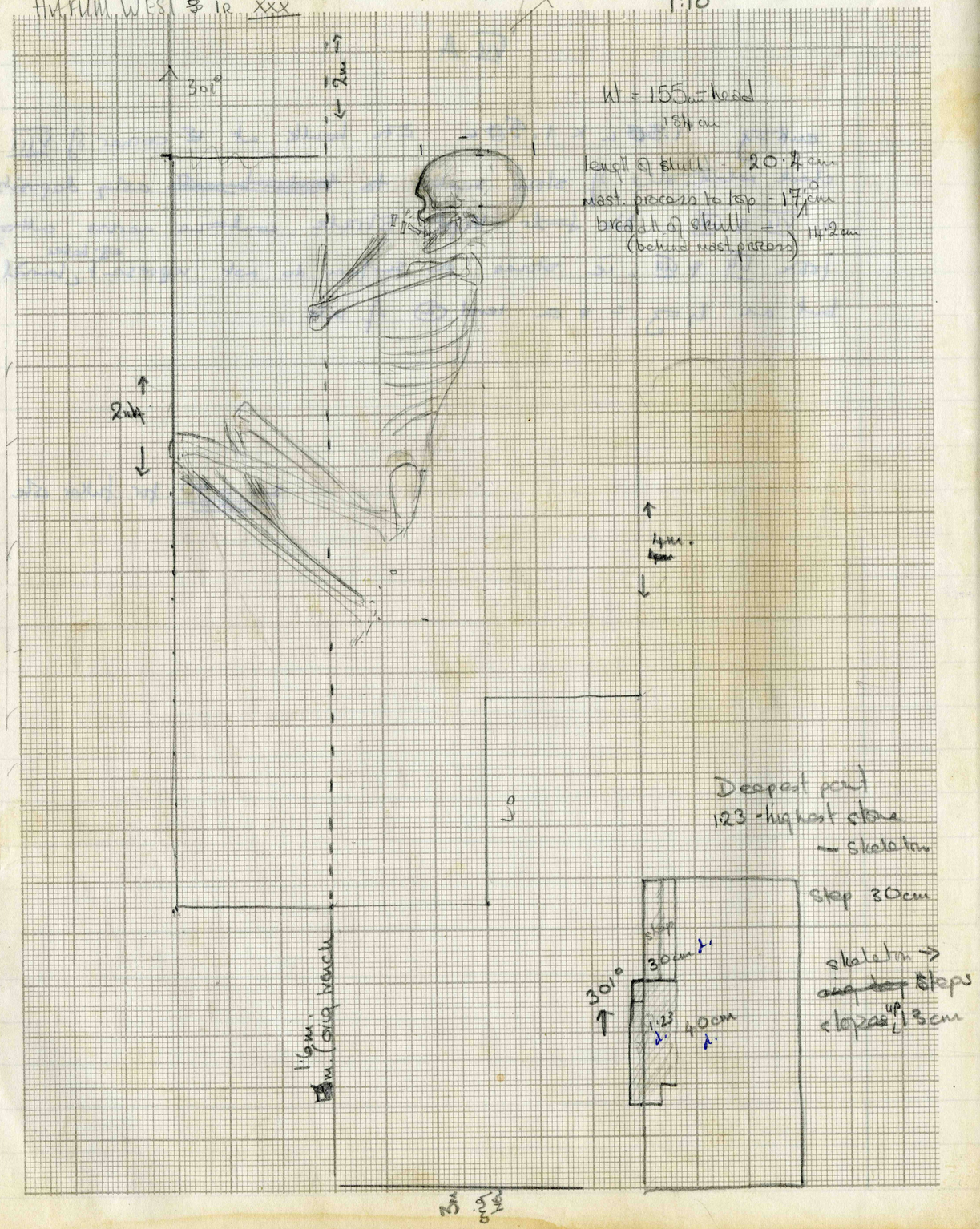
cutting 1.30 m x 1.50 m into bulk at E corner of VIII to check relationship of stone scatter to ~~levels beneath~~ ashy deposits in VII & VIII. No finds kept. Strata continue across cutting from VII & VIII, ie stones on surface do not represent eg later burial but are tr = 3 in & on level ② of site.

see p. 40 for fuller note

orig trench. 2x3m.

HAFUM WEST & TR XXX

1:10



Hafun XXX

cont. from p. 35

burial under cairn.

skeleton: length of skull 20.4 cm.

mast. proc to top 17.0 cm

breadth of skull (behind mast. process) 14.2 cm

see p 35

Hafn West VIIA

150 x 1.30 trench cut 30-XI-1976 across random scatter of stones on bank intersection btwn VII, VIII, XII & (XIII). A bank of 40 cm was left btwn VIIA & VII & similarly with XII. The NE side of the trench ran 40 cm to SW of SW edge of XII.

Deposit identical (*) to that in adjacent VII & VIII was found with the strata of these two trenches continuing through VIIA. 1 metre in depth was cleared reaching sterile coarse yellow sand at ca. 85 cm.

(*) ie loose pale surface sand then alternating lighter & darker grey bands of varying richness (bone & pot) overlying a med light grey sand & ash mixture above the sterile yellow sand

see plan p. 38

FINAL NOTE on Hafun W.

~~[illegible]~~.

walls A (the main one), its apparent continuation D (which lines up with A after its line of direction changes (two blocks) all lie on (or in*) the sand with vague darkish patches, (3); the "Myc" sherds lie in the top 10 cm of (3), the sherds however lie at a greater absolute level (c 80 cm below bottom of stones of wall). There is no trace of any floor anywhere, or indeed surface assoc with the wall; presumed all sunk eroded away. (2a) is prob. to be assoc w. (3), the general grey tinge due to percolation ~~through~~ from the ashy deposit (2).

The burning over wall B, and the fact that it and some of the loose stones which appear to derive therefrom also show signs of burning over them, show that the ashy deposit post-dates, & is contemp with the destruction of this wall ~~[illegible]~~ This is supported by presence of loose stones elsewhere below the ash stratum. Inferentially the other walls are earlier than the ash level, but their destruction continued after ash laid down, as evidenced by loose stones on a sea surface (which look as if they are pieces rejected when robbing blocks for the cairns - v. few & poor cut blocks among them).

This situation best explained by presuming that the original deposits on the landward side of wall A (and ~~[illegible]~~ probably on the seaward side also), ~~[illegible]~~

* (3) may lap up to the wall (MS) - note difficulty of distinguishing this from (2a), ~~[illegible]~~ which does appear to have accumulated agst wall. Note virtual impossibility distinguishing F/T's in this soil. I consider it most likely wall 'A' set in sandy deposit, now tinged, which equates with (3)

were eroded away (much as seems to have happened in the S corner, where ~~sand appears~~ the wall has gone, and sand appears to have blown in); ~~[illegible]~~ and similarly in the case of deposits either side of (foundation?) wall B. Subsequently the area seems to have been used for cooking, as witness the mofos, and the fact that apart from the buff jar ware sherds almost always used for mofos, and a few amphora sherds, almost the only pottery is what appears to be cooking-pots (grey utility ware). Presumably the lee of the wall A, providing shelter in the SW monsoon, provided shelter from the wind - note lack of other shelter in the vicinity.

Except for a little wind-blown sand, these ash deposits adhered to the surface. At some points they have been eroded, the ~~dipping~~ rising strata being cut off at the top of (2).

Note in ash deposits, lge number of turtle bones (but no shell), and substantial nos: of ? Murex shell (there is a whole mound of these further to the NW) - these are the commonest shells in the deposits (scallops next).

Pottery: Soft chaff temper ware almost entirely below ash (one non-jar sherd noted from ash). In ash levels Buff Jar ware commonest, as at MS; used for mofos. Other than this, the only MS type to occur (apart from undiagnostic h/made utility ware) is a single sherd of yellowish-green glazed; the

standard red ware is lacking. Amphorae fr on the other hand are almost lacking at ms, and the only f. noted is a different ware (w. blk grits)

Walls etc. Wall A is different from the others – relatively large blocks (sample 65x60x32 beep), but poorly set; a couple of them on edge. No apparent seaward face. Set without mortar. NW'most two blocks change direction (unexplainedly) and seem to line up with wall D. Stones of wall A trimmed, but no precisely cut ones as in the cairns, or as eg two in the straw on SE side of mound, others in XX & XXI. These and all stones are of sandstones in which holes weather in the fashion of coral.

Wall B, apparently a foundation wall, is of rough, uncut, irreg shaped stones smaller than those of wall A, but well set in the ground (sand). Base is 140 cm below that of wall A

See plans pp 10, 13, 16, 20

Wall C may in fact be a further side of wall B as may be indicated by the poss. angling of wall B at its N end. This wall C apparently lines up with "wall" E although the latter's status is dubious. see final note p.16. The scatter of cut & ?cut slabs in XX suggest a fallen wall face (from wall D) but are all flat on the ground & would therefore prob. have had to have been set on edge which is inherently unlikely. More likely, therefore, to be rejects from the general wall destruction/robbing.

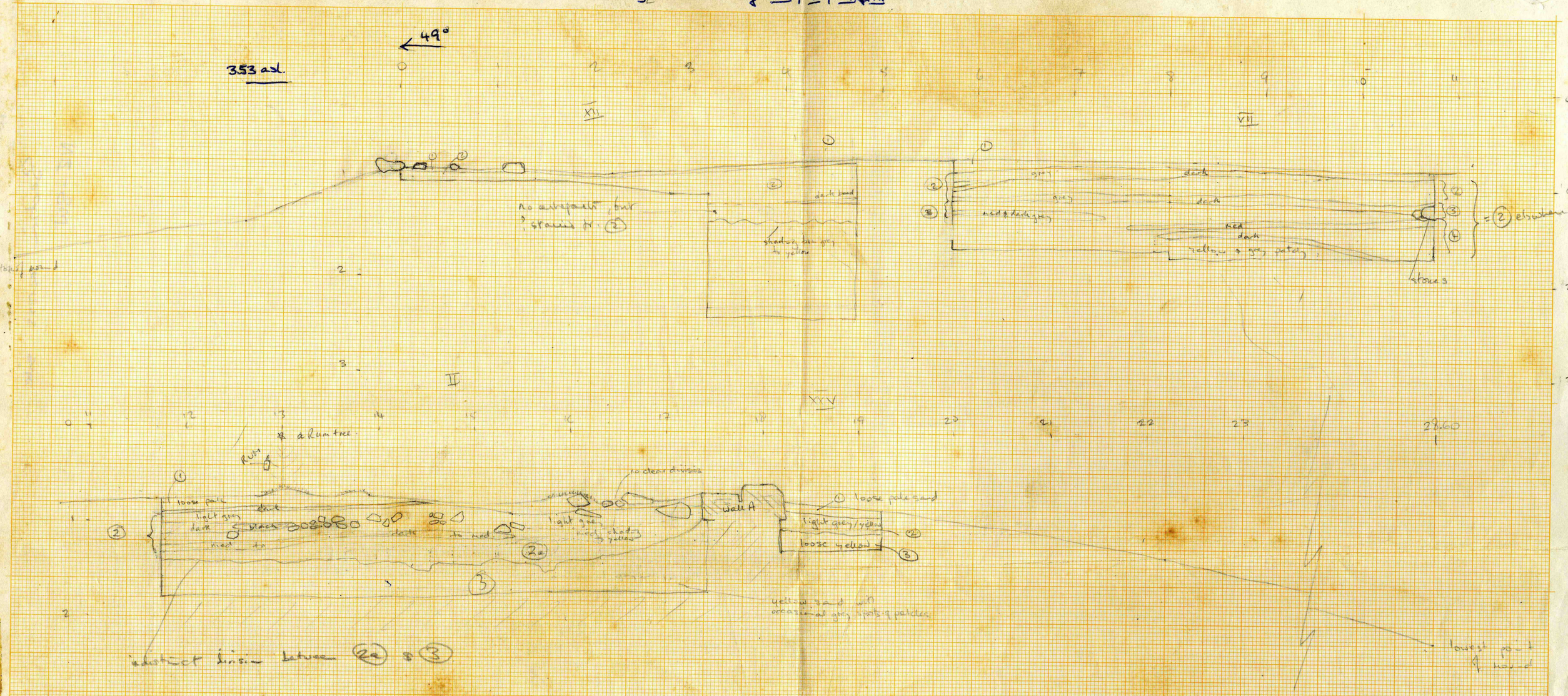
The overall wall pattern remains unclear, particularly the relationship of the substantial wall A of sizeable blocks, to the well set foundation wall B & C. These 3 are however ~~likely~~ likely to relate in the same way to the deposits (2a) & (3), & may therefore be roughly contemporary.

M datum back 0.99
" 2.54 asl

scale 1:40

HAPUN WEST 1976

section along SE side of XXV, II, VII & XII



Double

LES PAPIERS CANSON FRANCE

HAFUN WEST

SECTION ACROSS SIDE SE–NW

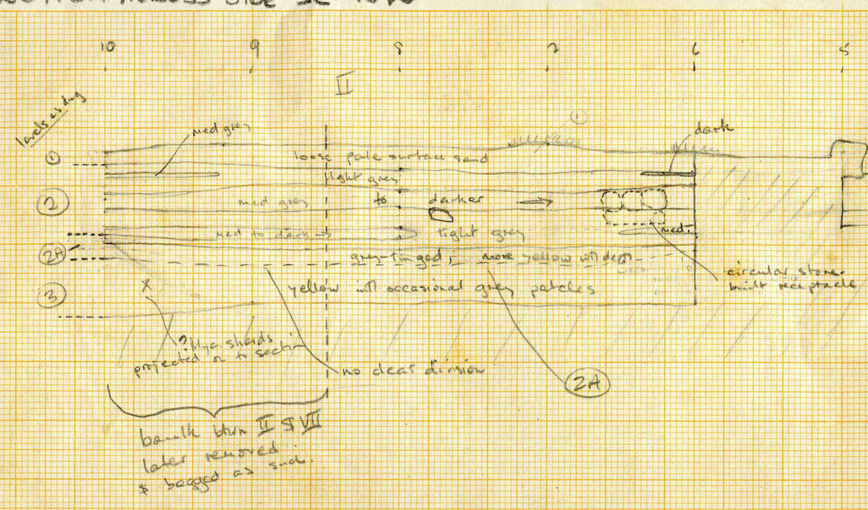
Section across I, II, III & IV on NE side scale 1:40

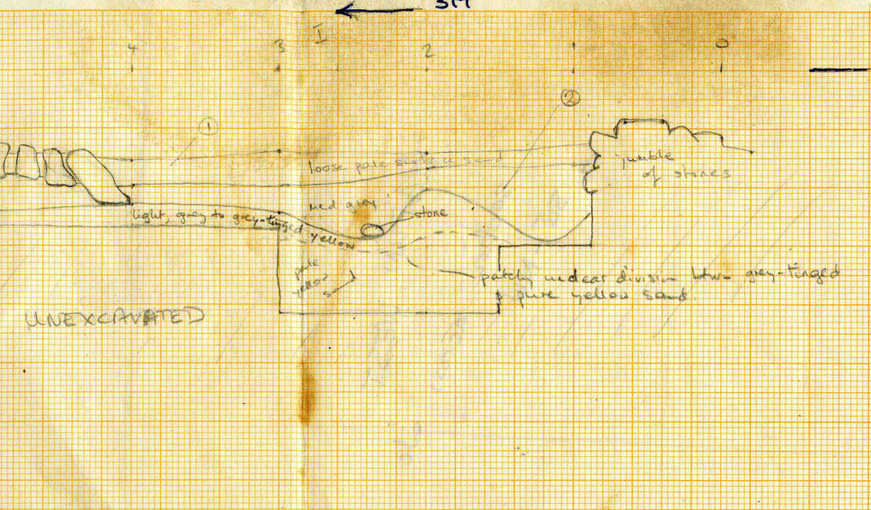
ie bank into V, VI, VII

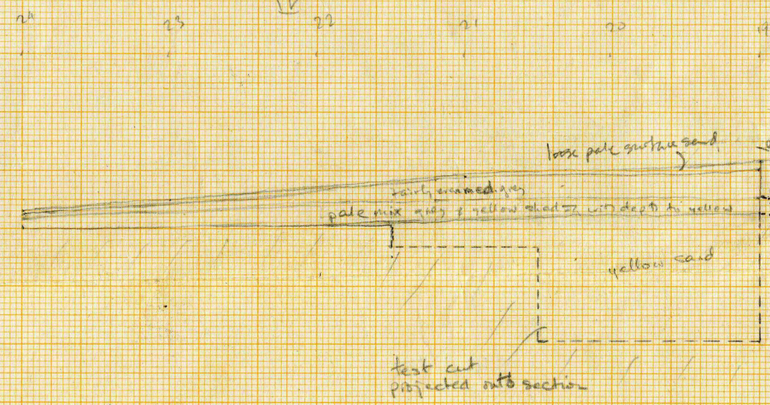
Datum 2.54 asl (back to datum 0.82)

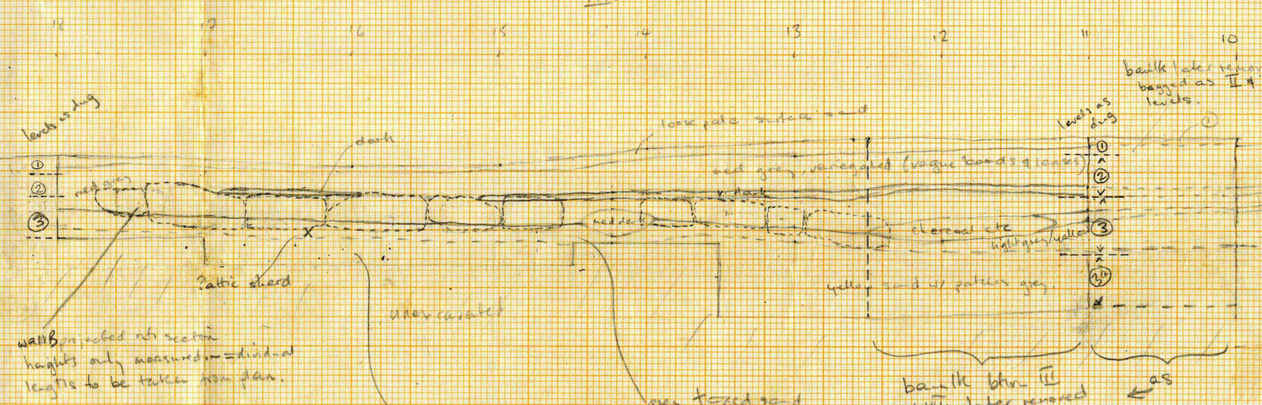
319°

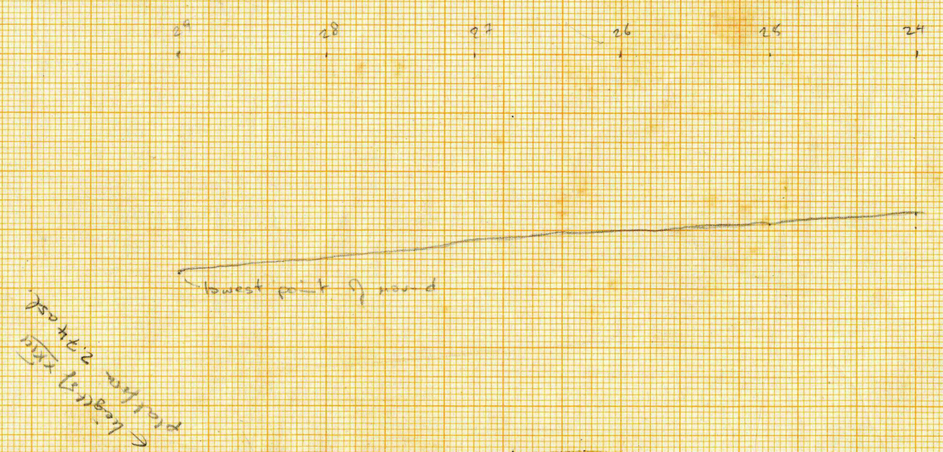
3.36 asl











LES PAPIERS CANSON _ FRANCE