

NOTTINGHAM 1973

FISHER GATE

FG73

SITE NOTEBOOK I

AREA H

French Letters used in 1971

- A
- AN
- B
- C+CN
- D
- E
- F/S (Flying Squad)

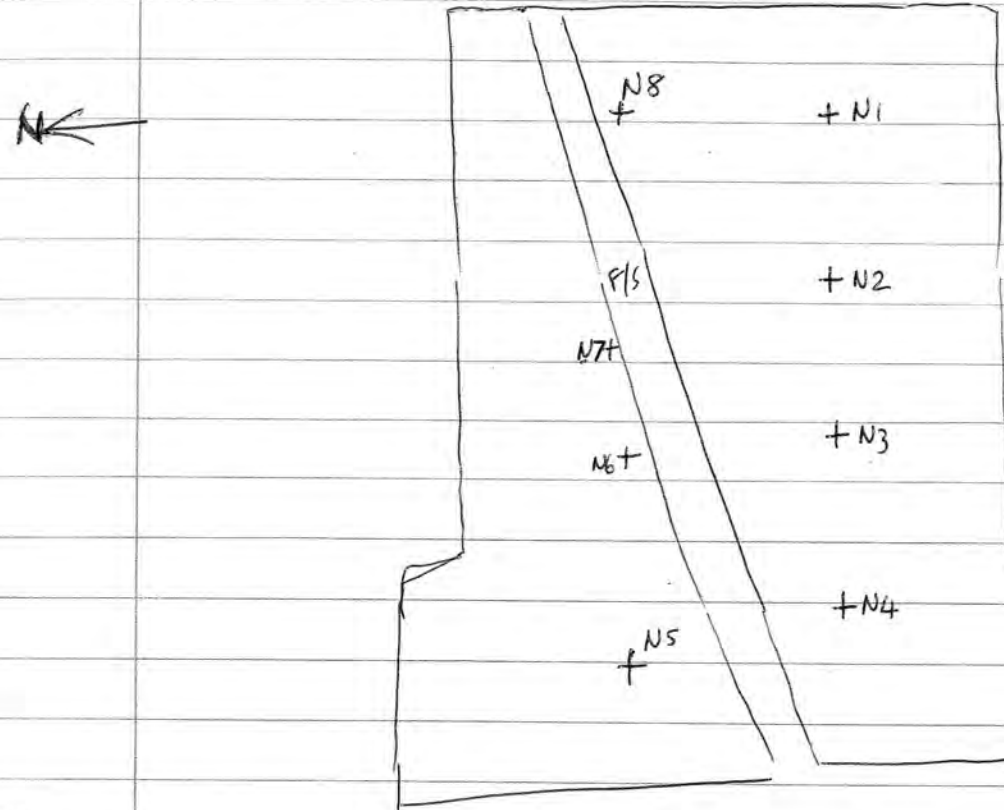
DON'T USE

- F (confused with E)
- G (confused with C)

Letters for use in 73

- H - Make sure it doesn't look like A
- J
- K
- L

Site orientation points for relating to plans N+S of F/S hand.



△ N1	A 23.11	C 23.0	△ N5	L 23.4	N 30.3
N8	A 34.5	C 35.5	N4	L 39.2	N 43.6
N2	C 23.8½"	E 23.8½"	N6	L 32.10	N 24.1
N7	C 37.8	E 35.1	N3	O 29.9	Q 37.1
N3	E 24.4	G 21.4	N7	Q 14.6	S 27.9
N6	E 39.3	G 33.7	N2	Q 28.8	S 34.4
N4	G 21.4	J 26.8	N8	R 24.7	T 19.11
N5	G 36.1	J 38.6	N1	R 32.11	T 32.9

MACHINE - WORK OPENING UP
AREA H

Machine used - Massey Ferguson 200 + Back Acton.
This is a tracked machine (cf. "Ditch")
fitted with 4 in 1 shovel and Back Acton (cf JCB)

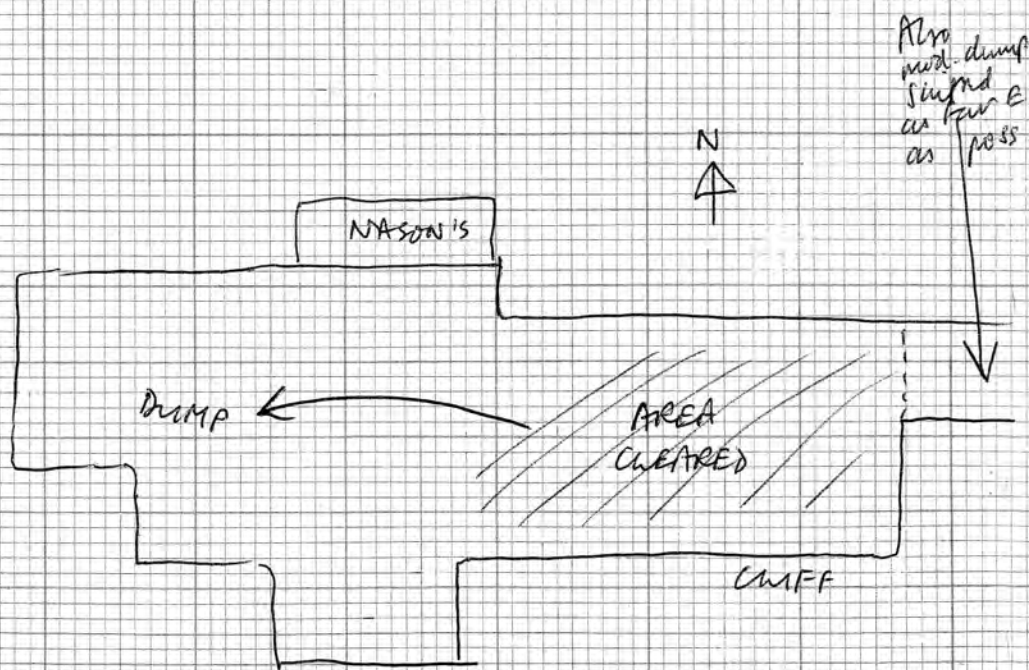
Time - The machine has been on site for 10 days,
Tuesday Feb 20th to Thursday March 1st 1973
inclusive, but allowing for 2 1/2 "drips" at start and
finish, 1/2 day Sunday, and a total of one day's
breakdowns, has done 7 1/2 days work.

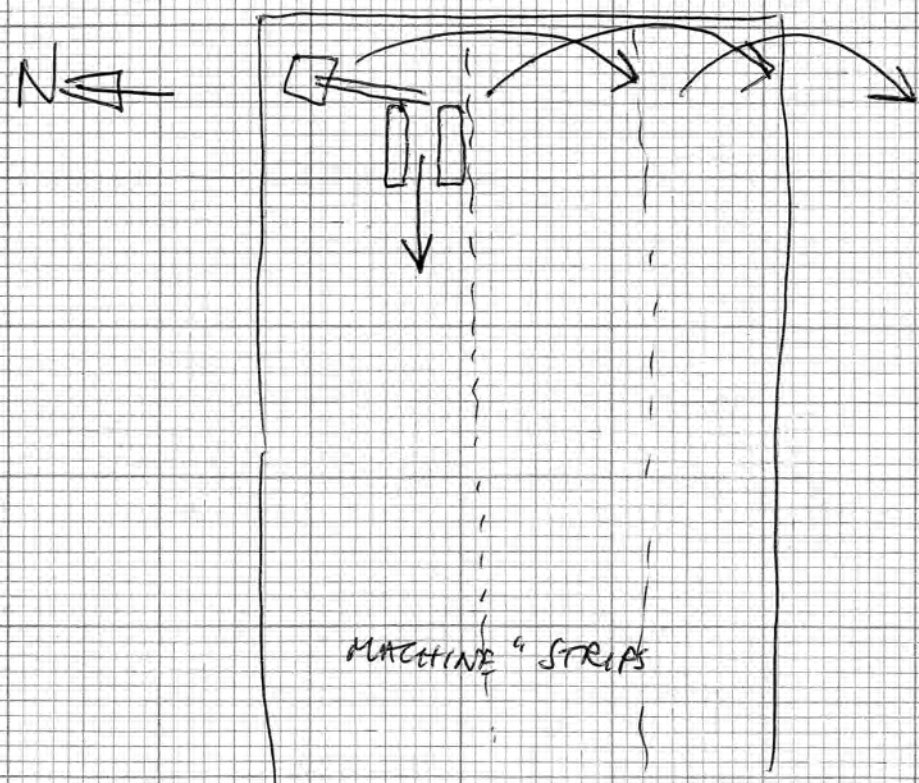
Cost - Allowing for £3 an hour plus extras
(Transport on low-loader / fuel / driver's machine /
lorry on estimate) the estimated cost has
been £230, to be confirmed when the bill
comes through.

Method - it has taken a long time to open
this area because of the difficulties of
dumping; all the spoil had to go from one end
of the site to the other. Also breakdown + "teaching" driver!

Technique: after checking the FG 71 sections
of Mounds C-D-E-B it found 18" to 2'
could come off over the whole area and still be
above the clay floors / hearts associated with the
B-S wall. So the machine first lowered the level

Feb 20th
T
W
Th
Fri
Sat
Sun 1/2
M
T
W
Th 1/2 March 1st





over the whole area using the 4' in 1 shovel and carrying the spoil to the West end. Approx. 18" was removed by this method.

Then the machine re-worked the whole area using a 3' toothless bucket working down to "surface" = a general level and/or any of the red-brown soils of wall destruction period where they appeared directly under black soils. This was done in E-W strips, dumping to the South then returning this with the shovel.

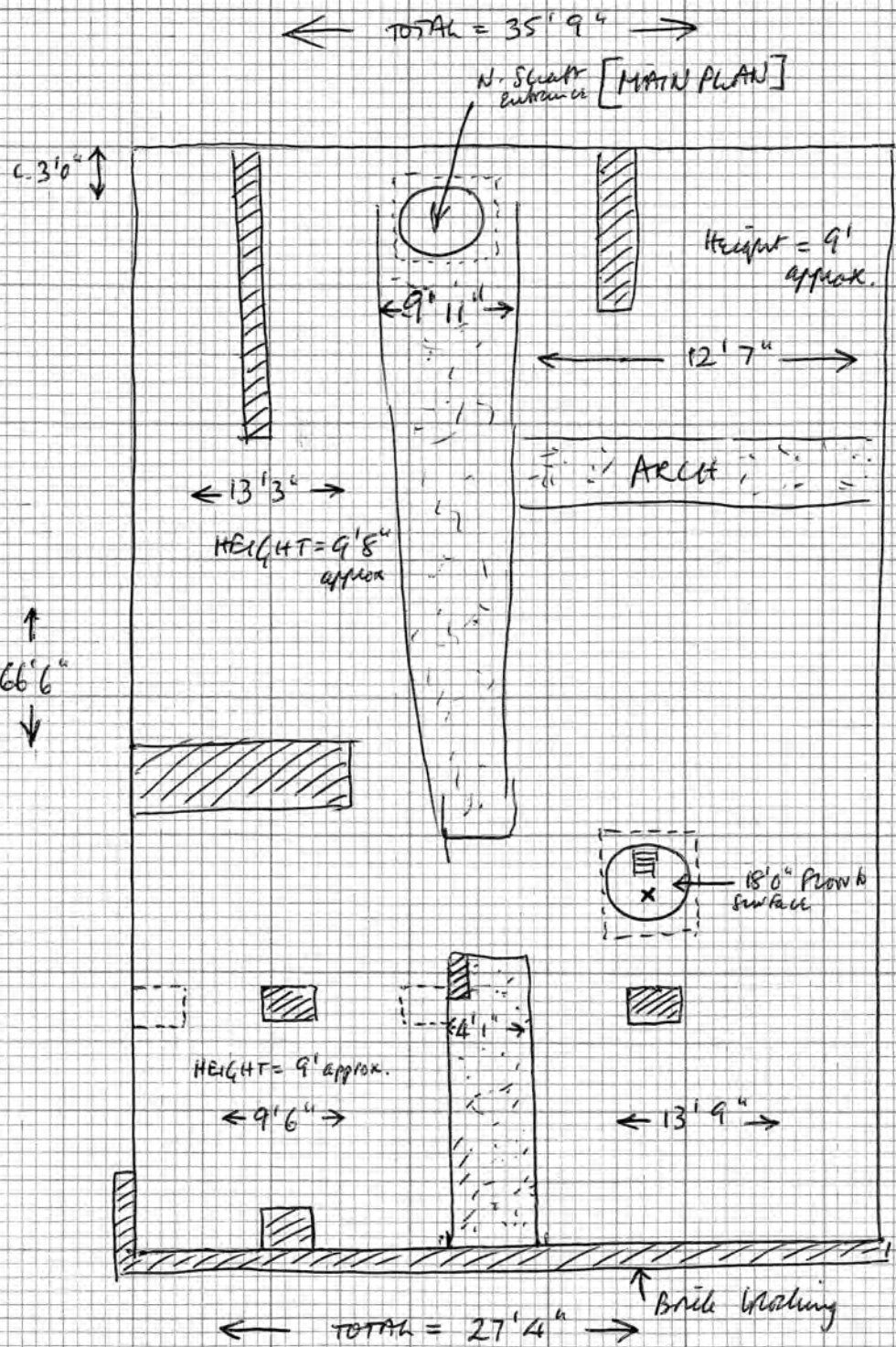
East of area it the machine also removed about 6' high wooden dump, probably deposited from constructing "Nottingham Castle" Pubs — down to present ground-level. Intention — to dig this by hand to get ditch section and making dumping room to east.

Removed by machine (in general terms)

- (1) Brick rubble + black soil which is
 - (a) from latest demolition
 - (b) filling latest brick features
- (2) Black soil (topsoil) upto 1' 6" deep in places — probably post-demolition to pre-demolition accumulation — mainly (19th + later).
- (3) In places (W side) — any blackish brown subsoils = (17) - (18) +.
- (4) Any (19) → mod brick features / fillings possible

As expected, most of the stratification survives only on the

Sketch plan of cave underlying area H —
to not on main plan using shaft entrance for orientation.
entered from South shaft. (done by Thomas)



DRAWN TO
AVOID
FALLING IN
FROM
DEEP
PITS

X = South shaft
Entrance with
iron ladder —
concrete covered
at top
[MAIN
PLAN]

//// = brickwork
--- = sandstone

* THE ROOF IS c. 10' 0" below PRESENT EXCAVATION LEVEL
ADD c. 18" FOR PREVIOUS GROUND LEVEL.

MACHINE CONT.

North side of the site, with black soils/pebbles
on natural level north of the area South of the
F/S bench.

Also removed by machine = a tarmacadam
yard* apparently associated with a brick wall
running N-S, with the level lowered East of
the wall for it. This extends from brick wall
almost to East end of area H. The tarmac +
associated make-up appear almost directly on
natural and features in it — looks as though
level has been lowered.

SEE PAGE 8.

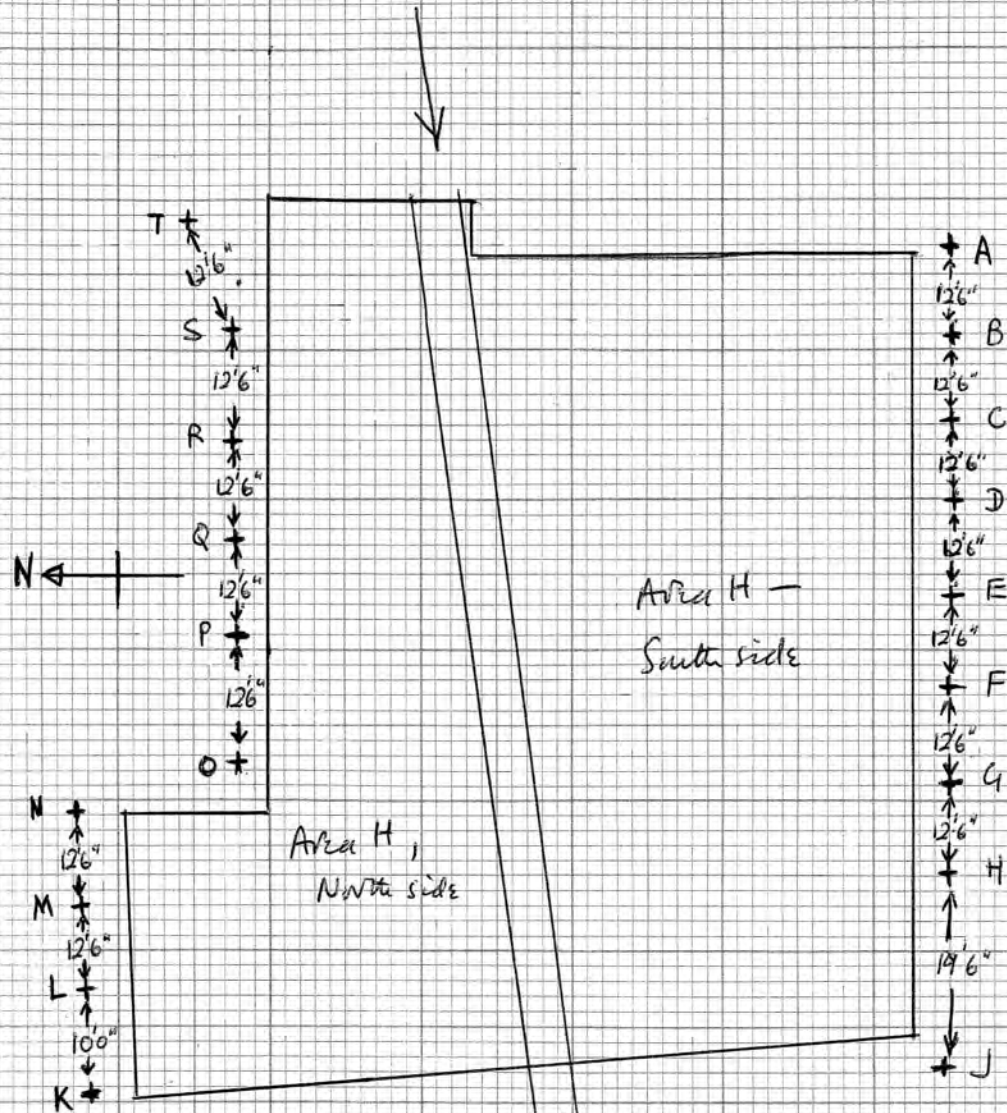
* CHECK
1881 O.S.
@ 1:500 +
LATER O.S.

* The original intention was to machine to just
above the level of the red clay floors but
this was not possible —

- (a) soggy back-actor on machine
- (b) driver
- (c) wet weather — chewed up strat. from
hacks
- (d) time factor.

SKETCH PLAN OF PEGS - Not to Scale.

TWO PLANS - ONE FOR EACH SIDE
OF PLYING SQUAD TRENCH



PLYING SQUAD TRENCH

A to J = straight line
K to N = straight line
O to S = straight line
T is North of S

* SEE ALSO -
Scale plan of all
peg related -
at 8" = 1"

PLANNING PEGS.

North side of trench - from West to East

K-L-M-N in straight line

$$K-L = 10' 0" / L-M = 12' 6" / M-N = 12' 6"$$

$$\text{PEG O } \triangle \sim O-L = 27' 11\frac{1}{2}" / O-M = 16' 7" / O-N = 8' 11\frac{1}{2}"$$

O-P-Q-R-S in straight line, all 12' 6" apart.

T is North of this line, 12' 6" from S.

MAIN PLAN (North side)

O-P-Q-R-S put on in straight line.

Pegs KLMN put on by following method -

straight line Q-P-O extended to West and

temporary nails put in on same line

$$Q-N_1 = 36' / Q-N_2 = 46' / P-N_3 = 50'$$

$$\triangle N_3 :- N_3-K = 6' 7\frac{1}{2}" / N_3-L = 12' 7\frac{1}{2}"$$

$$\triangle N_2 :- N_2-L = 9' 5" / N_2-M = 10' 3" / N_2-K = 17' 4"$$

$$\triangle N_1 :- N_1-M = 8' 8\frac{1}{2}" / N_1-N = 12' 5"$$

Peg T put on by following method -

QRS extended in straight line to East, and temporary ranging rod put in, 41' 0" from Q.

$$\text{PEG T } \triangle - T-R \text{ rod} = 5' 5" / T-S = 12' 6"$$

PEGS, cont.

MAIN PLAN (South side)

East to West

A-B-C-D-E-F-G-H-J put in in straight line.
All pegs A to H are 12' 6" apart
H to J = 19' 6"

All pegs inter-related by drawing small scale plan at 8' = 1" of pegs + bench edges.

Method used A to J put on paper in straight line.
Then all pegs triangulated and appropriate measurements used to put in plan with the other measurements as cross-checks.

TRIANGULATION (USED TO PUT IN KLMN, plus check Δ from 0.19.5)

PEG J from K = 55' 6", L = 57' 4", M = 61' 10", N = 68' 5 1/2"

PEG H from N = 60' 1", M = 56' 10 1/2", L = 56' 5", K = 58' 0"

PEG G from K = 62' 9 1/2", L = 59' 3", M = 57' 1", N = 57' 7"
O = 49' 2", P = 52' 5", Q = 58' 3"

PEG F from Q = 52' 4", P = 49' 0", O = 48' 10", N = 57' 9"
K = 69' 6", L = 64' 6"

CONT.

PEGS CONT.

PEG E from $O = 51' 7\frac{1}{2}"$, $P = 48' 8"$, $Q = 48' 10\frac{1}{2}"$, $R = 52' 2"$
 $K = 77' 9"$, $L = 71' 6"$, $M = 65' 0\frac{1}{2}"$
 $N = 60' 6\frac{1}{2}"$

PEG D from $R = 48' 9"$, $Q = 48' 7"$, $P = 51' 6"$, $O = 57' 1"$

PEG C from $P = 57' 0"$, $Q = 51' 5"$, $R = 48' 6"$, $S = 48' 9"$
 $T = 55' 2"$

PEG B from $T = 52' 0\frac{1}{2}"$, $S = 48' 5"$, $R = 51' 3\frac{1}{2}"$, $Q = 56' 10\frac{1}{2}"$

PEG A from $Q = 64' 4"$, $R = 56' 10"$, $S = 51' 2\frac{1}{2}"$, $T = 51' 11"$

BASIC Δ 'S USED ON PLAN

PEG O from $E = 51' 8"$, $G = 49' 2"$, $J = 62' 7"$

PEG P from $D = 51' 6"$, $F = 49' 0\frac{1}{2}"$, $H = 58' 4"$

PEG Q from $C = 51' 5"$, $E = 48' 10\frac{1}{2}"$, $G = 58' 3"$

PEG R from $B = 51' 4"$, $D = 48' 9\frac{1}{2}"$, $F = 58' 2"$

PEG S from $A = 51' 3"$, $C = 48' 9"$, $E = 58' 1"$

PEG T from $A = 51' 11"$, $C = 55' 2"$, $E = 68' 1"$

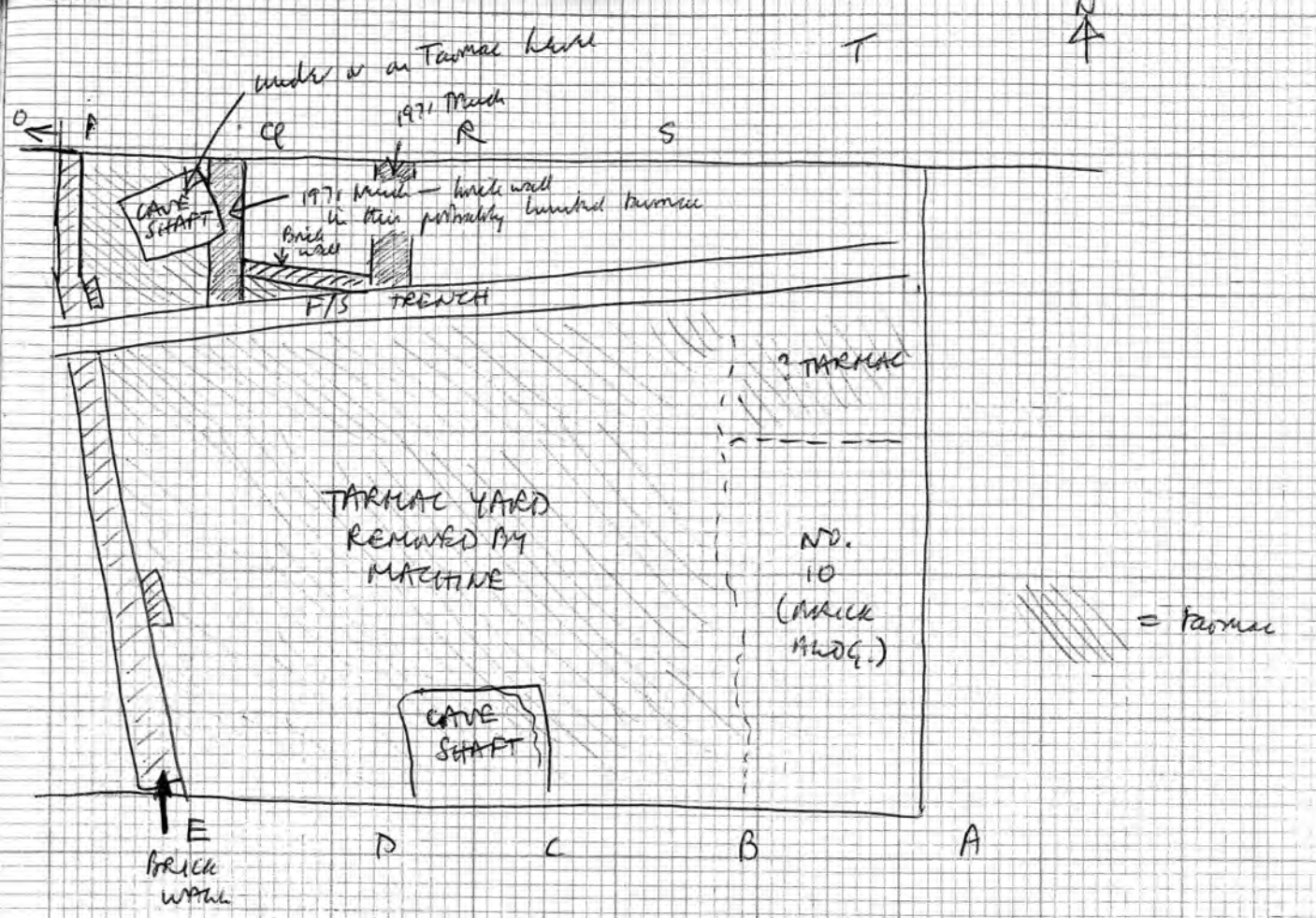
* SEE 1881 O/S AT 1:500 +
 * LATER O/S FOR BRICK BUILDINGS,
 YARDS, ETC. ETC.

THE SITE AFTER MACHINE WORK —
 SOME GENERAL NOTES.

The area of the tunnel yard seems to have included a general lowering of level East of the brick wall when the tunnel was put in, though this lowering could have been earlier.

Tarmac goes up to the brick wall and they could have been constructed together or it could be tarmac up to earlier wall.

The effect is as indicated on opposite page. Possibly therefore stratification may survive at East end of Area.



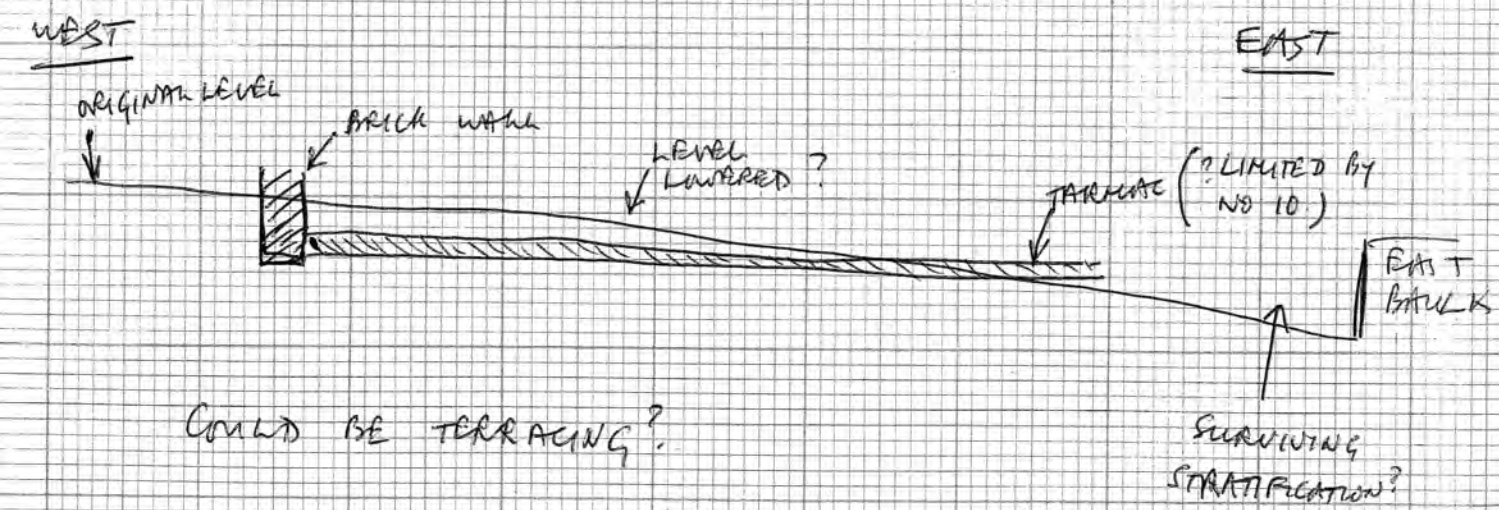
Area South of Flying Squad Trench.

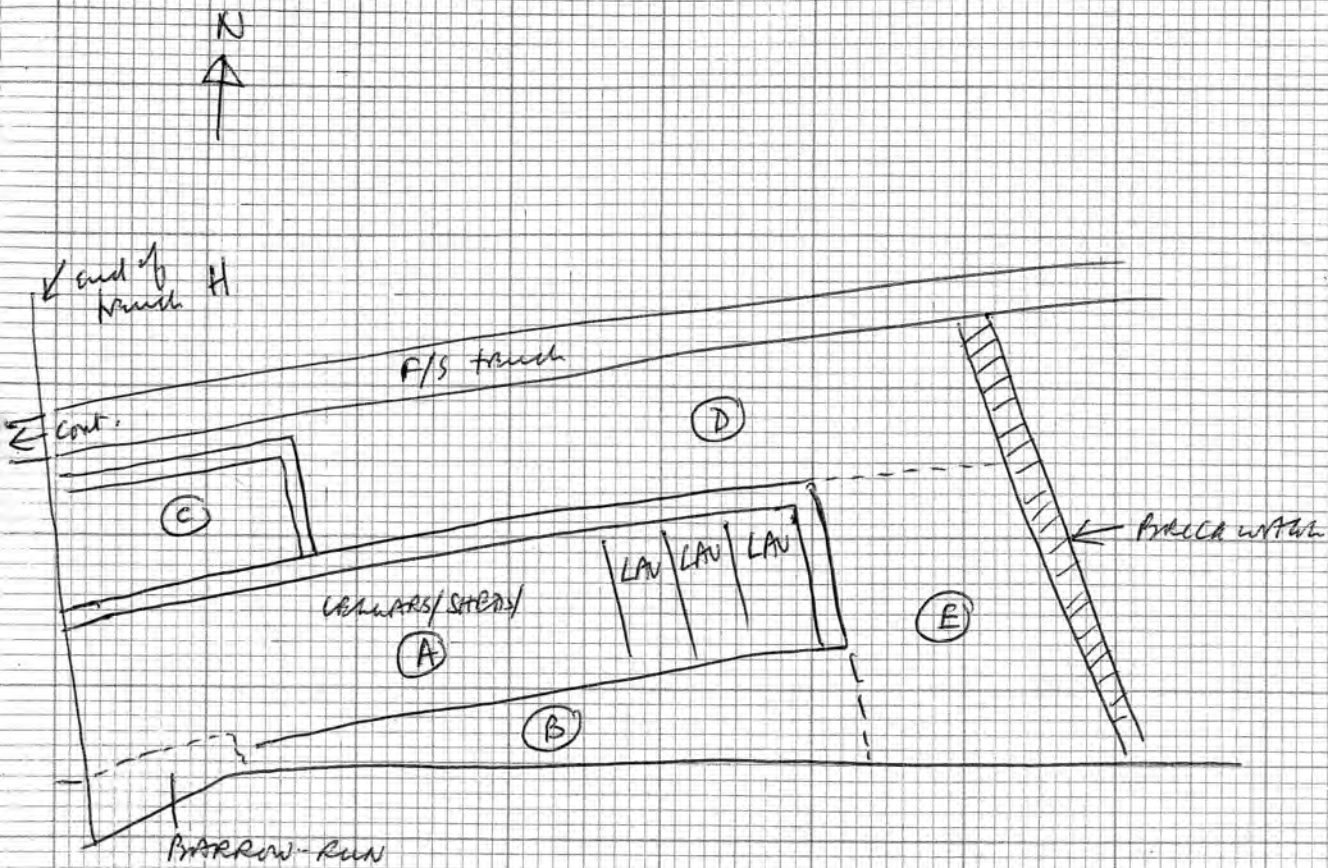
NB. There was brick rubble here poured into underlying layers which accounts for "lumpy" appearance on cleaning. Doesn't seem in sections but went heavy as far. Machine removed.

East end looks as though there is stratification surviving here though not a great deal as patches of natural already show through. There has been a brick building here with scant foundations + no cellars which the machine removed. Probably this is no. 10 on modern plan, only recently demolished: possibly this formed a limit to the tarmac yard (see sketch plan opposite).

Its construction also probably entailed some removal of medieval stratification.

Small PH's (nos I to VII back of book) in natural between F/S + 19 pits. No stratification seen there.





BRICK RUNWAY IN (A) CONTINUOUS WITH
RUBBLE OVER (B)

Under barrow yard + its make-up levels.

The barrow etc. is directly on natural where it occurs. The whole area is however riddled with a complex of (9) pits (? might soil) which look pretty much contemporary and as though one was dug next to another while being aware of its existence. Probably a complete write-off for medical features except perhaps (remote chance!) the bottoms of v. deep pits.

West of the brick wall

AT (A) - brick built (19 or 20) cellars or coal sheds and toilets. Brick + concrete partitions. Concrete +/or slate floors. 2' plus into natural.

The level from their N limit to S. side of brick lowered.

probably a complete write-off except for v. deep medical pits.

AT (B) - Yard outside the sheds on about 6" lower level.

Both (A) + (B) filled with brick rubble, black soil, mod. crap from recent demolition. Removed by machine work.

+ final cleaning by hand.

? Contemporary with the brick wall w lake.

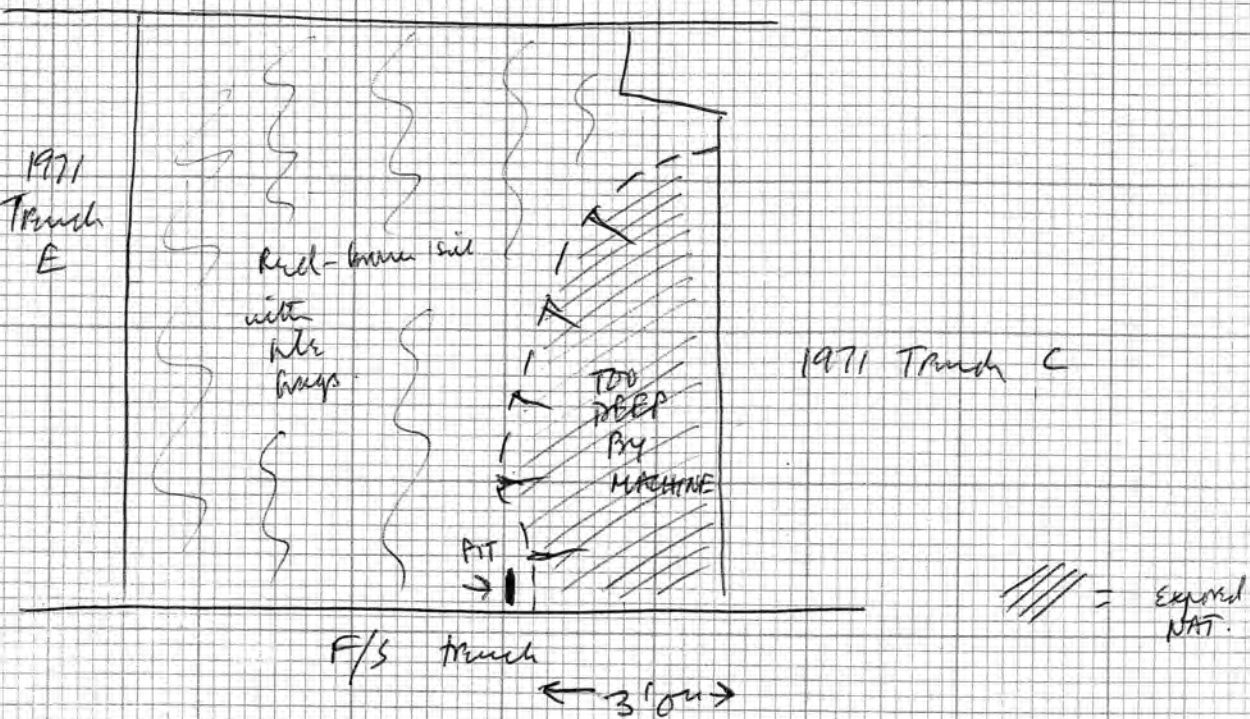
AT (E) — looks almost as though this was
laid when (A) + (B) were constructed.

Mainly black soils / + brick drain — all looks very
close to natural which shows on same level as
construction level for (A) (B)

AT (C) — a clay/mortar lined brick feature. Filled with
rubble / black soil / water. Possibly a water
storage tank.

AT (D) — Natural rock below black soil + brick
rubble. No stratification except for features.
However, looks as though the profile of the
natural itself has not been altered.

For (A) (B) (C) (D) (E) see sketch opp. pg. 9.



Area North of Flying Squad Trench.

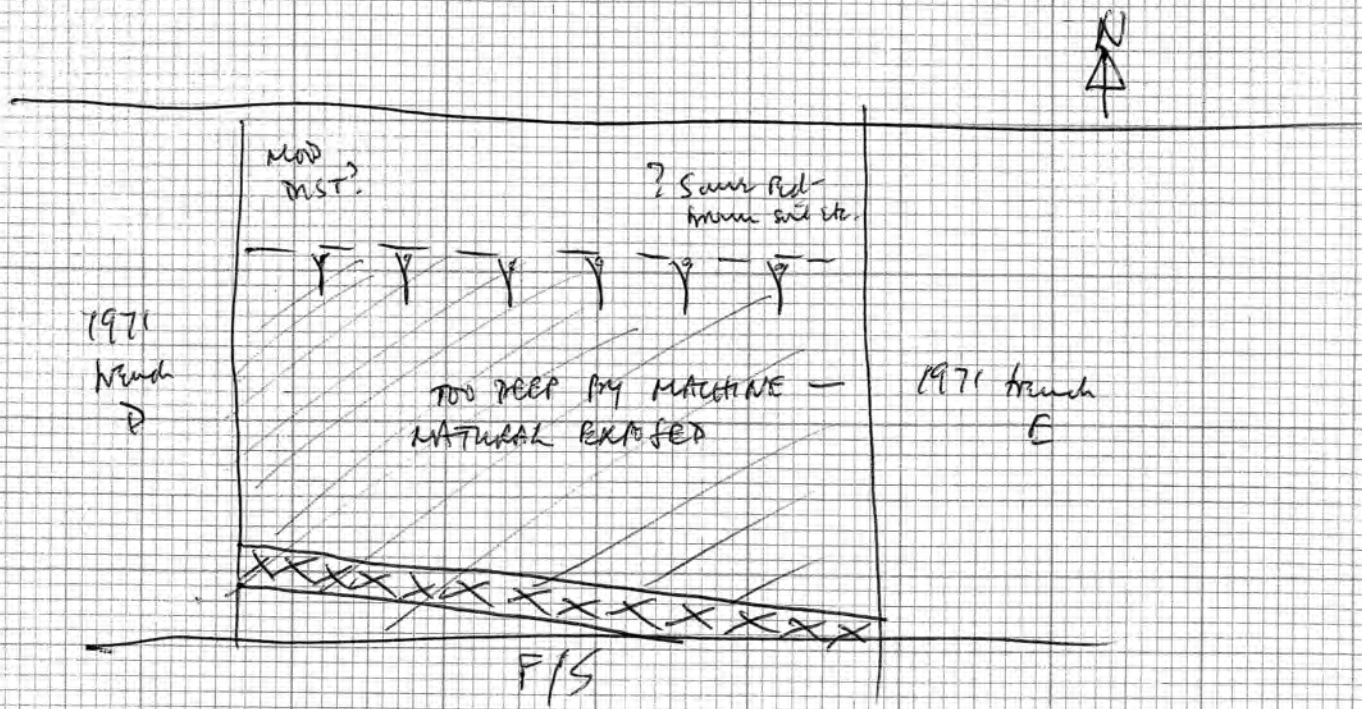
(from EAST to WEST)

N. of Trench C (1971) Stratification as in drawn section 1971

Between 1971 trenches C and E ~ see sketch opp.

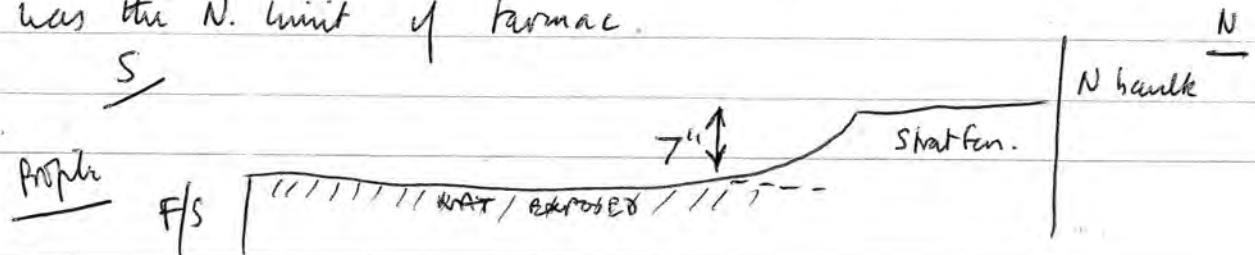
For part of this the machine went too deep and the natural is already exposed, though 1971 C section indicates a lot of this was anyway black soil etc. on natural. Possibly machine swept into natural.

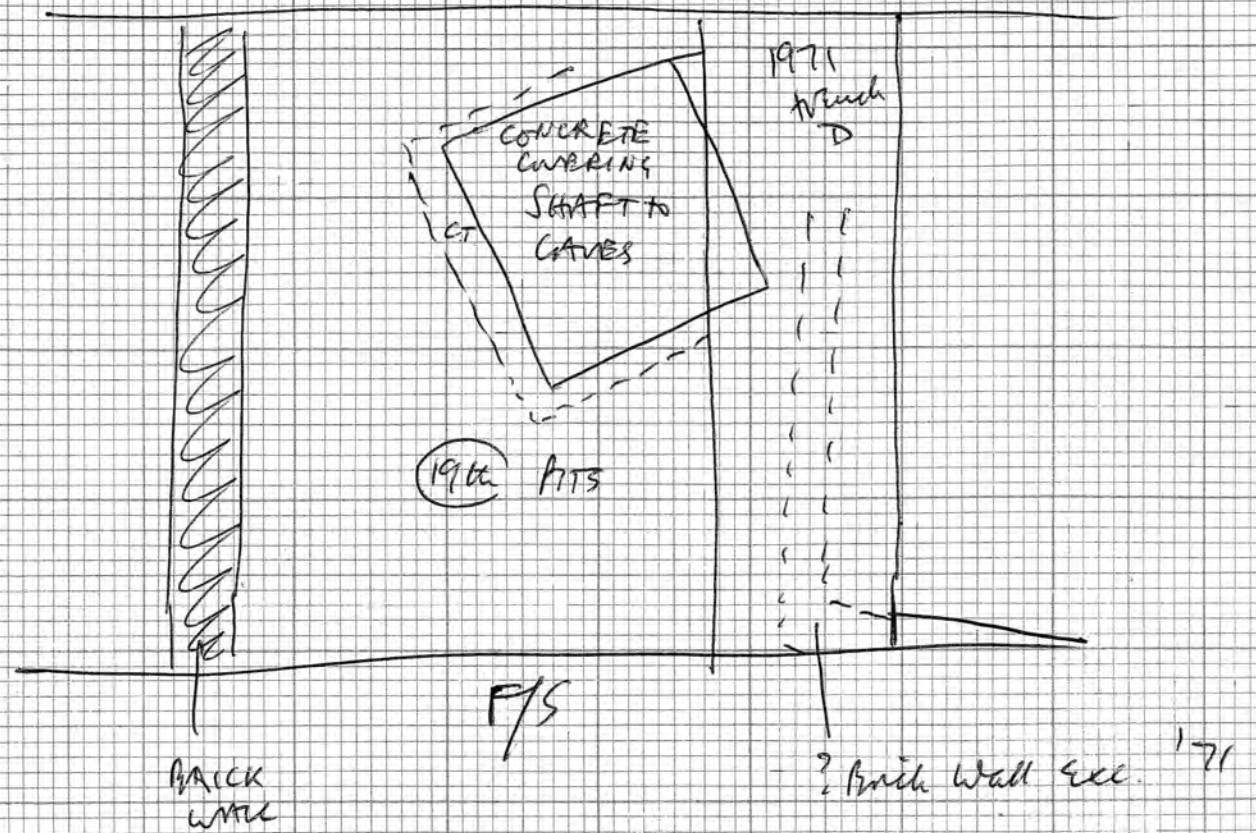
Otherwise, red-brown soil with charcoal and mortar + tile frags (? post-B/S wall = destruction level) black soil features in it. Approx 6" slope from N to S, and underlying there is a large pit partly ex. in 1971. (F/S and Trench E.



Between 1971 Trenches E + D

Again, ? the machine has gone too deep, or was it black soil. Anyway, the only strat. left is on the N side, with natural exposed on the rest. Also brick wall which was the N. limit of farm.



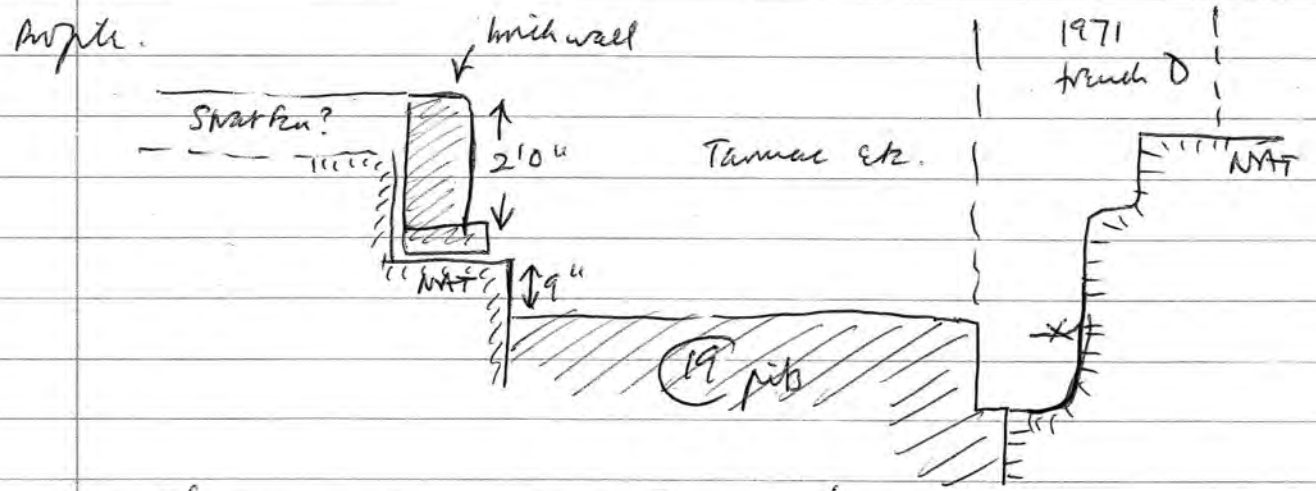


From 1971 Trench D, W to brick wall

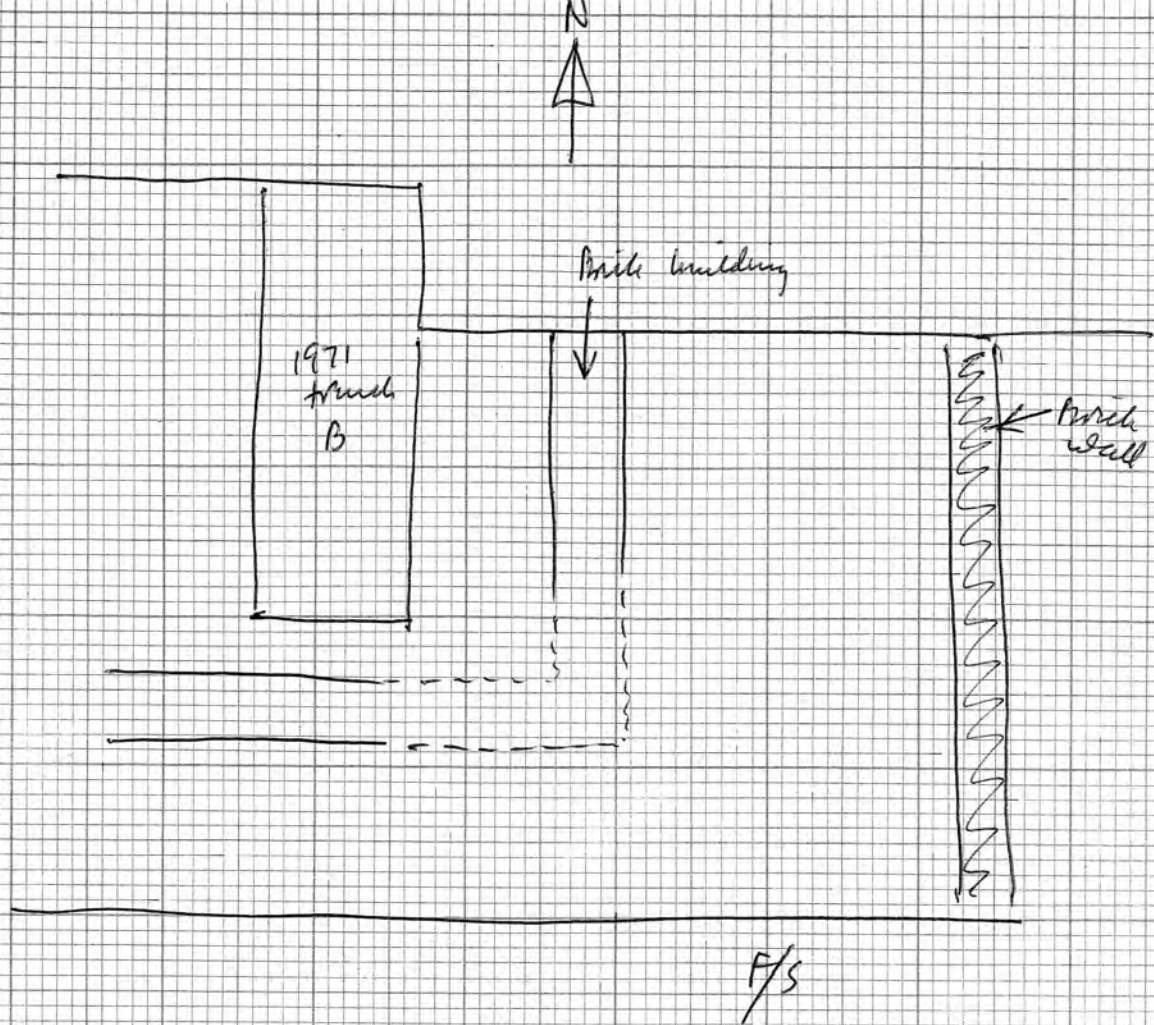
? Was there N-S brick wall in trench D forming limit to Tarmac (with Tarmac west of it)

This area looks a work-off for stratification.

- (a) tarmac + shaft to caves
- (b) make-up for tarmac
- (c) drop in level E of brick wall
- (d) Large (19) pits under tarmac.



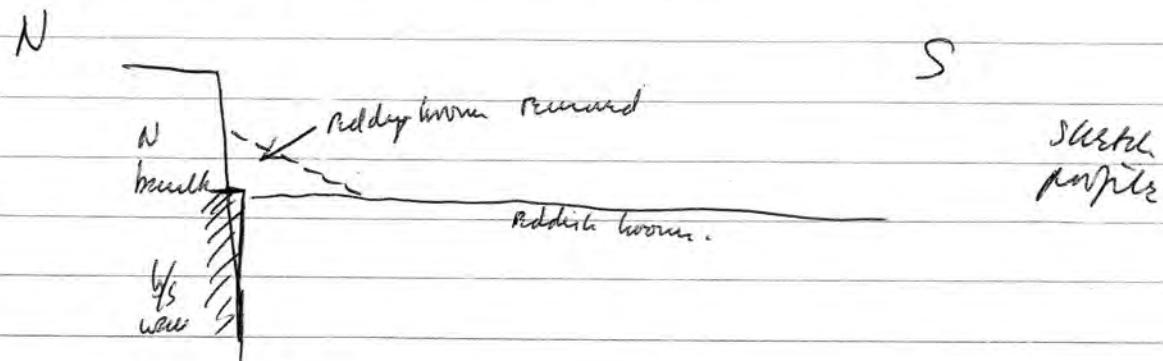
Cf. comments on area S. of F/S trench.



13

Brick wall W to 1971 Trench B

Looks OK for shatter. Taken down by machine to variety of reddish/brown layers. In section, machine removed reddish brown which overlay 1971 wall but ? then dipped N to S and still exists in excavation area.



Hopefully, should be a red/brown soil which would the red clay flows into 1971 wall.

There has been a brick building here but it has shallow foundation.

(cont., W. of 1971 B, over page)

Approx. depths near sections after
machine work + preliminary hand cleaning

N Section, opposite pgs

K - 2' 9" (dug up ground level here)

L - 2' 2"

M - 2' 7"

N - 2' 2" (= trench B)

O - 1' 11" plus 6" are lost out from back

Between O + P - 2' 6" (this is 4" below top surviving level of
B/S wall which shows in section)

P - 5' 0" (level lowered by hand - removing terraces
+ defining ① pits)

Q - 2' 7" plus 8" lost out from back

R - 2' 6" surface of reddish brown

S - c. 2' 6" then slope to 1971 trench C (top of reddish brown)

T - more or less in 1971 trench C

E Section

6' 6" S of F/S trench - 2' 5" OR 1' 6" below terraces in section
then approx level across trench.

SE Corner

1' 6" (opp pg A)

Trench B to end of trench H.

For stratification this should be OK. Machine
took off only black soils + brick rubble
(excluding by N-section where strat. was better
preserved. Then machine took off black soil + some
underlying brown soil.)

Unfortunately brick-rubble + black soil from recent demolition
had formed brick rubble into underlying reddish-brown -
so they both showed up. Possibly clay flows exposed.

Stratification "misses out" up the slope since by
1971 area A black soils etc. are directly on natural.
Also less stratification left towards F/S trench.

Main features obviously showing - two
brick structures (building) plus ~~two~~ small
storage cellars / pantries (had stone shelf on N. side)
b/s wall by N section
Nat. b/s near F/S and 1971 area A.

NB. more detailed notes to follow on the
individual features "below ① = machine" as they
are planned.

Approx. depths near sections after machine work in initial cleaning

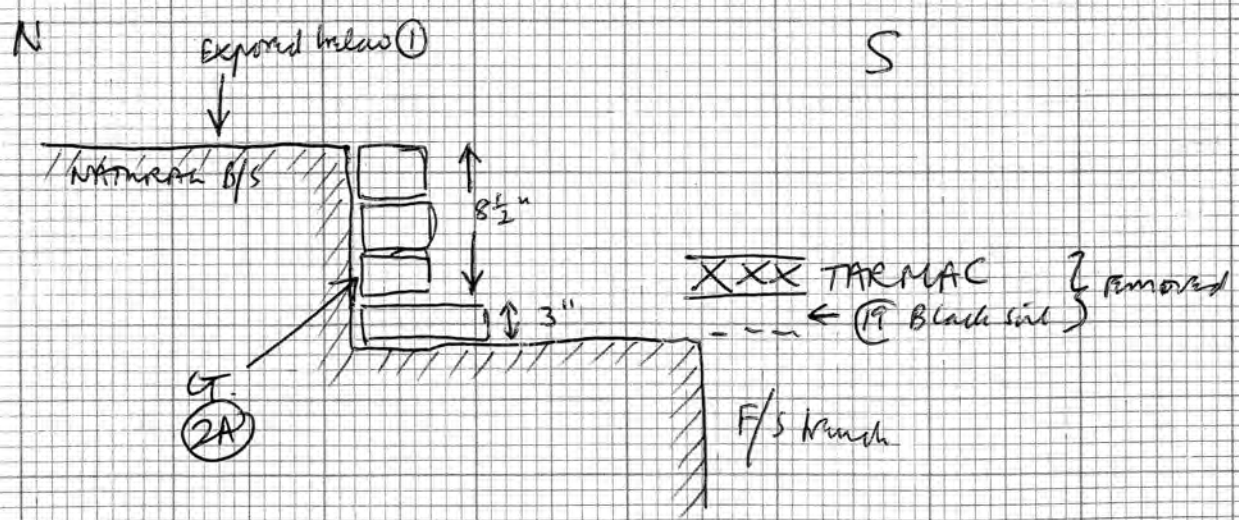
CONT.

South Section (must be drawn probably)

OPPOSITE RELS.

- B — 1'6"
- C — 1'9" (Natural exp. just W. of this at 2'2")
- D — 2'6"
- E — 3'0" — Nat. exposed
- F — 3'8" — " "
- G — 3'4" = yard surface with cellars.
- H — 3'4" " " " "

Profile across (2)



STRATIFICATION + FEATURES

all pottery/bricks from machine work + initial clean-up will be numbered (1) or U/S.
 All features/layers at this level described as below (1). Features including brick ones if they're left put on plan.

- (U/S) Pottery etc. from machine or cleaning up or unrelated to layers/features.
- (1) Material removed by machine and initial cleaning up. Mainly brick rubble and/or black soil.

- (2) North of F/S between '71 D+E
BRICK WALL
 Bricks 9 1/2" x 2 1/2" x 4 1/2". Bonded with white mortar. Below (1)
 into NAT which is all that survives here.

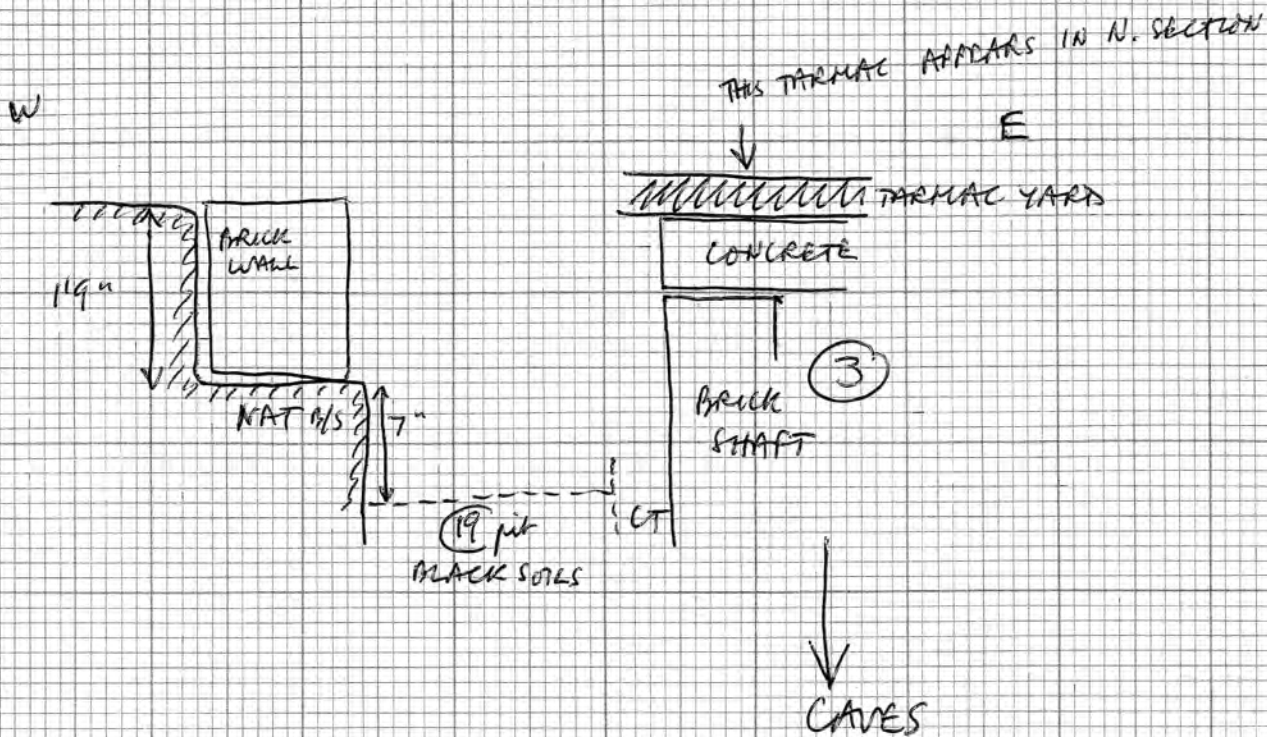
Deeper hollow pillar foundation in SW corner.

Single foundation course, offset.
 Survives to height of 3 courses + foundation course. (19th?)
 This formed a limit to the Tarmac yard which existed S and W. of it. Probably excavated in 1971 D.

South of this wall natural has been removed — for Tarmac? Overlies one of the (19th) PITS. to the West.

- (2A) Ct. for wall (2)

Relative levels of (3)



(3) North of F/S, just W. of '71 D | Below (1)

Brick shaft with wire ladder leading to underlying cave - see sketch opp. Pg. 4.

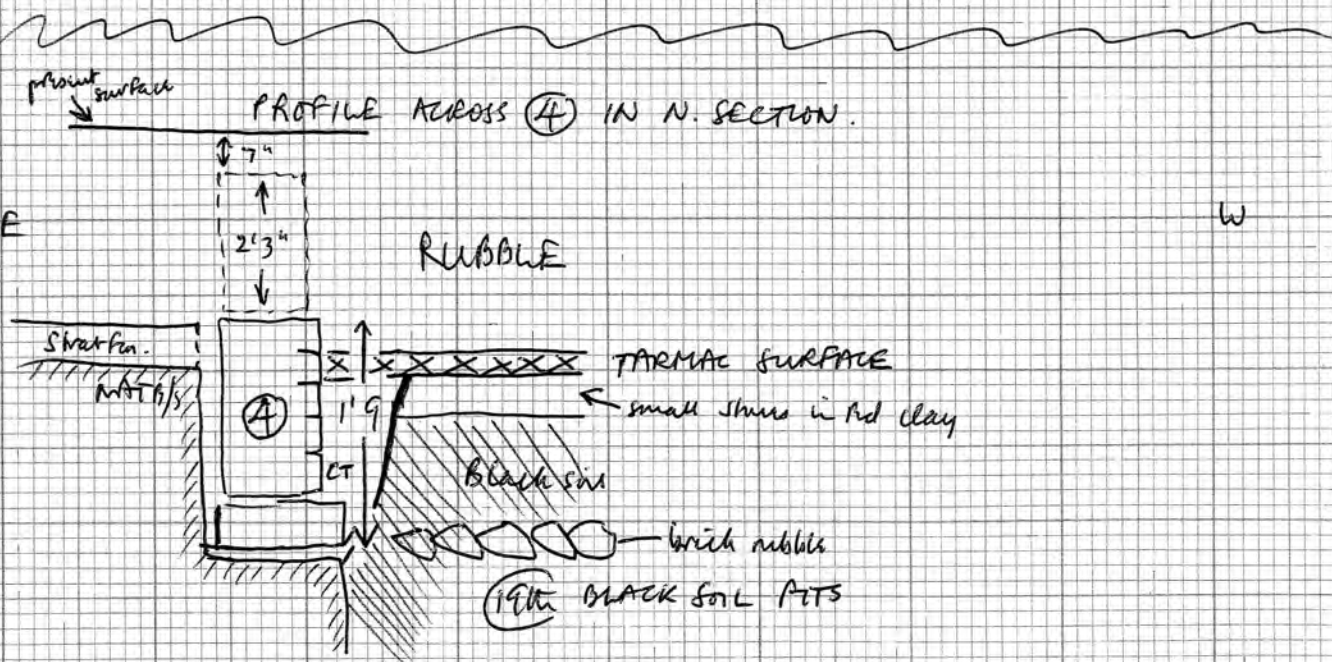
This is the North entrance.

Covered with 6" thick concrete slab. Sealed by Tarmac yard which machine runned.

Leads into a lake (? (19) black-soil pit.

Partially located in '71 D.

?? A '39-45 entrance to earlier caves. Check working plans.

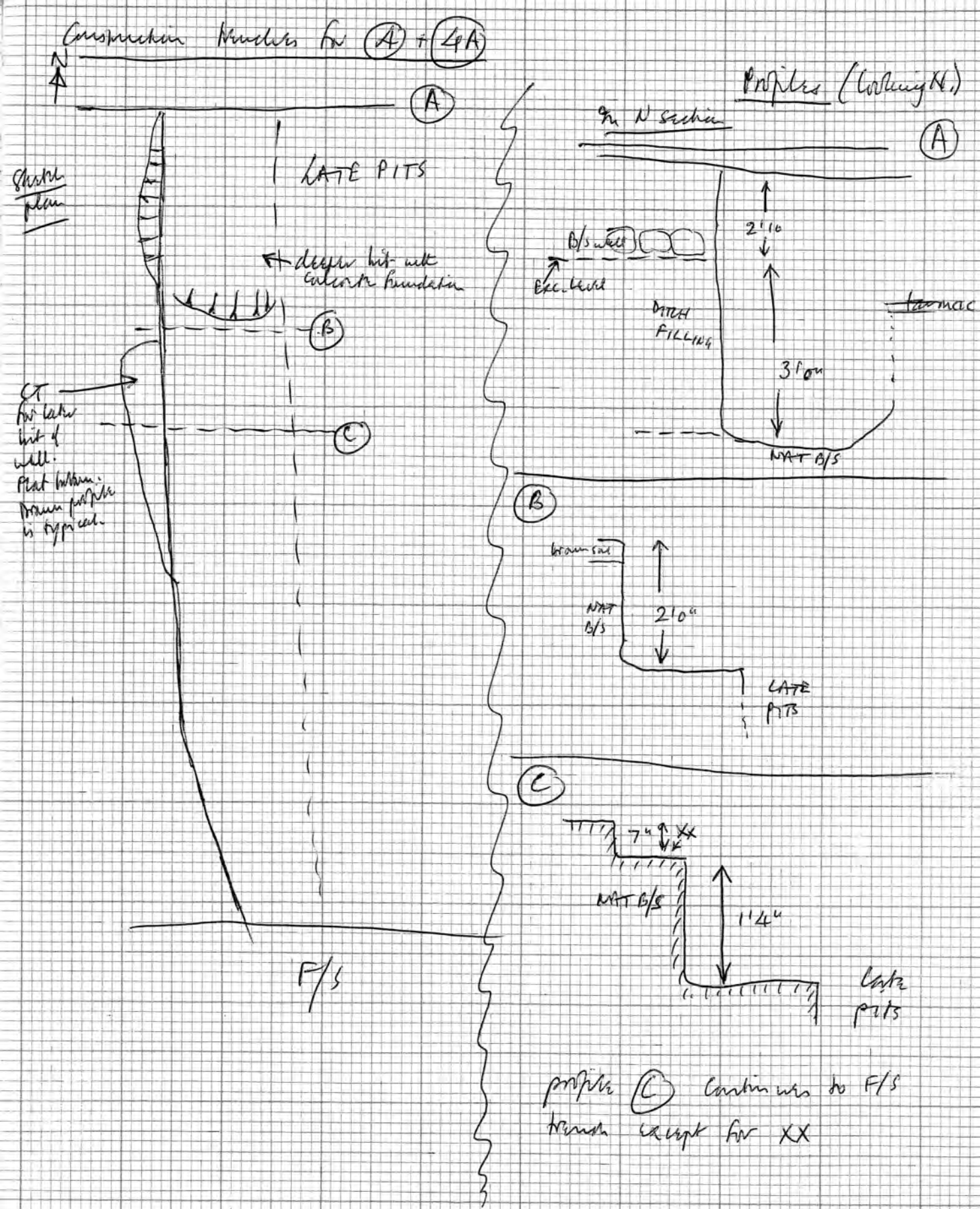


(4) BRICK WALL | N. of F/S March + S of P/S | Below (1)
? (19th or 20th)

Boundary wall or retaining wall for bracing. Formed W. limit to tarmac yard. Survives to 5 courses plus single course foundation (much higher in N. section).

Grey-white mortar. Formed of several types of bond. Bricks 9" x 4 1/2" x 3"

Buttress etc. - see plan



(4A) BRICK WALL | Under (1)

Continuation of (A) on different alignment.
Survives to similar height/depth of foundation with similar profile.
Narrower than (A) but same size bricks + similar mortar.

(A) + (4A) look like two period wall unless it's peculiar method of changing direction! Don't know which is later, but better look (19th or 20th). Dismantling may establish which is later?

Blue-brick damp course on (4A) is continuous with damp course on buttress. Damp course on (A) is two courses higher (in section) but doesn't survive by buttress.

(A) + (4A) have an offset foundation course on E. side. See plan. Foundation stepped from N to S (this is more obvious S. of F/S). Drops one course only N. of F/S trench, about 4' out from N. Section.

* ON DEMOLITION (A) + (4A) ALL ONE PERIOD WALL. JUST ODDLY BUILT.
CONCLUSIVE FACTOR = "INTERLOCKING" BRICKWORK OF BUTTRESS/WALLS. ONLY THE "OFFLINE" UPPER COURSE N. OF BUTTRESS LOOKS ADDITIONAL.

(4B) Construction Trench to Wall (4A). [Only survives on West Side of Wall]

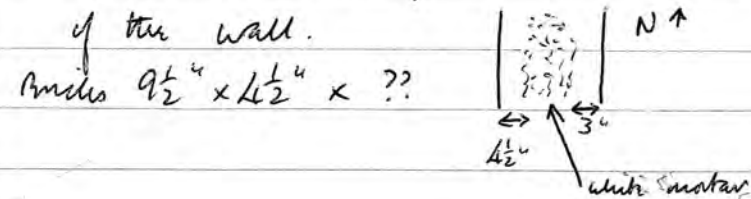
All construction Members
of 5's grouped
together as regards finds-
numbered (11)

THE 5's = TWO BRICK COTTAGES. (? EARLY 19)

(5) Just E. of 1971 trench B. | N. of P/S trench | Under ①

Brick wall.

Survives as single course (foundation) in shallow
trench. Unbonded, but white mortar on top shows the course
of the wall.



(5A) Just S. of 1971 Trench B, running E-W. | Under ①

Brick wall.

Continuation of (5) but forming the S. wall of the structure.
White mortar on top. Foundation course only.

(5B) Continuation of (5A). Survives one course higher.
White mortar bonded. Bricks $9\frac{1}{2}'' \times 4\frac{1}{2}''$ by 3"

(5C) Continuation of (5B). One course higher. Similar bricks/mortar.

(5D) Continuation of (5C). One course higher.

(5E) Continuation of (5D). One course higher.

The foundation course is laid from (5A) as far as (5E), i.e.
the foundation trench gets deeper from E to W.

At (5E) (E. limit) the foundation is stepped up 3 courses, so
that "(5D)" becomes the foundation course.

(5F) Continuation of (5E) forming W. wall of structure. F.C. + 1 course.

(5G) Continuation? Next structure to West?

(5H) Internal lintels. 2 courses.

| All under
①

(5M) Similar (5L) (brick-lined cellar/pantry)

Under (I)

very between 9 1/2" + almost 10" ←

All the (5)'s are constructed of bricks 9 1/2" x 4 1/2" x 3" + white mortar
Appears to be two small (? early 19th) brick-built
dup l-dam cottages, possibly part of a row which
may have extended further W.

The floor levels between (5A)/(5B)/(5C)/(5D)/(5E)
must have been raised to carry the floors over the B/S
wall, cf. 1971 excavation (was split-level?)

Particularly to (5M)
when there was a
S to N slope with brick
rubble/ mortar/black soil.

(5L) + (5M) appear to be the pantries of the cottages,
and the arrangement between (5L)/(5M) and (5P)
suggests stairs (? timber), so below-stair pantries?
Stratification between (5L)/(5M) + (5P) somewhat disturbed.

For the initial photographs the construction levels +
construction benches were removed. Between (5L) and (5J)
these consisted of a substantial dump of drabish yellow
+ brown sands resting on a black soil baffle. Under
the black soil is a fairly level surface = natural/ditch/
subsidence into ditch. Looks like a lowering of levels
+ removal of stratification for construction of (5)'s

C.T.'s = mixed soils, mortar, brick chips etc. - see (II)

- The tile floors of (5L) + (5M) consist of TILES (red-brick)
9" x 9" x 2 1/4" thick.
- (5N) Tile floor of (5L) (tiles 9" x 9" x 2 1/4")
- (5P) Tile floor of (5M) (tiles 9" x 9" x 2 1/4")

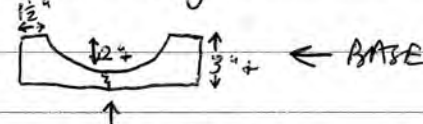
⑥ N side of trench, between ⑤'s + P/S
[also continues S. of P/S].

Brick-built drain running from NE to SW
and draining on shallow slope to septic tank just N.
of allans on S. side of area (septic tank = ③)
? Draining water from [roof of] ⑤'s to septic tank.

Below ①
cut by ⑦ +
⑧ + ⑨

Constructed of specially made bricks. All rather crushed,
but approximately as follows...

Brick — in 1' 2" lengths



[all crushed brick so difficult to estimate the "arc"]

Also has a similarly constructed cover but possibly in shorter
lengths (say 7" to 9" lengths?)

⑥A Impression North of ⑥ where ⑥ probably Funder ①
once existed

⑥B Construction trench for ⑥ + ⑥A
Slightly sloping sides and flat bottom.

Depth at N. end 8" (into natural which is
exposed already).

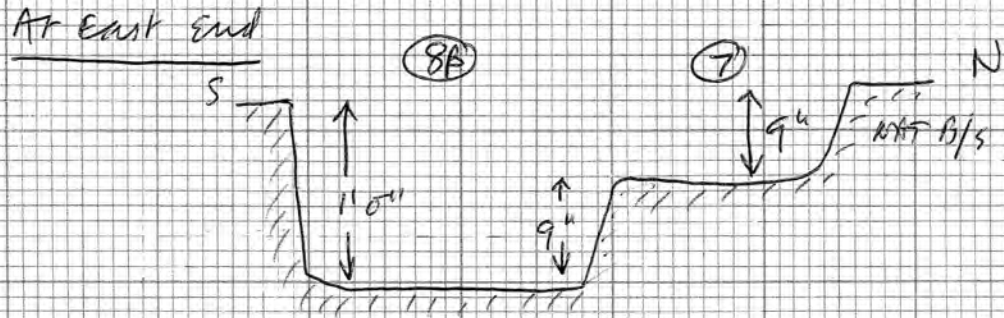
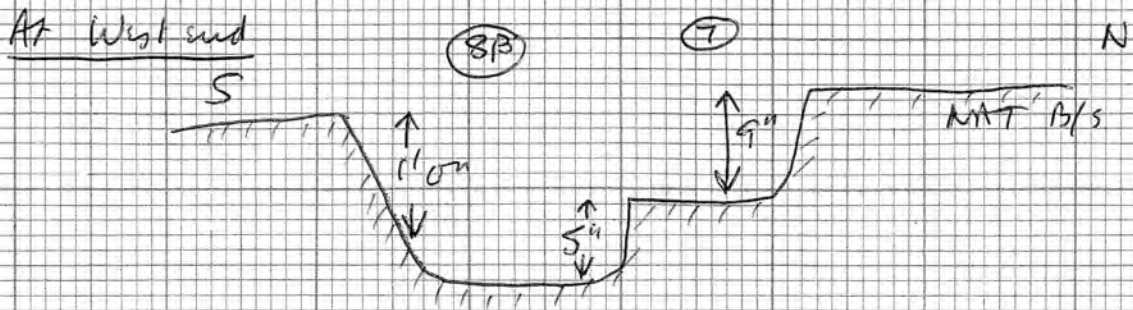
Depth at S. end 9".

There's an est. drop in level of from 4" to
5" from N to S. (Nat. also slopes this way)

Black soil filling.

Under ①
Don't know
rel. of ⑥
to ⑤.

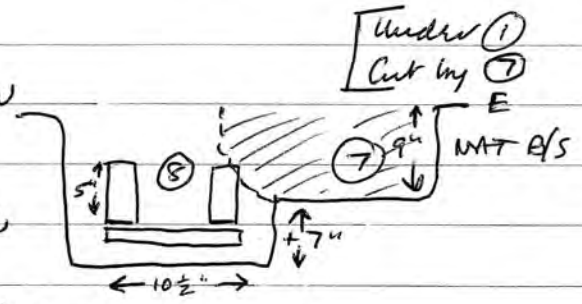
Profiles of C.T.'s ~~7A~~ (7) + (8) after excavation



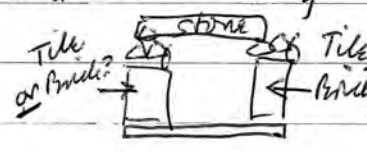
(7) N of F/S trench, W end of site —
 Modern drain-trench with ceramic pipe.
 Trench 9" deep, vertical sides, flat bottom.
 Into natural on N side.
 higher than everything else.
 Cuts (6) + (8). Slight slope from NW to SE

Under (1)
 Cuts (6) + (8)

(8) N of F/S trench, just S. of (7).
 Tile-lined drain.
 Tiles at side = 9" long, 2" thick, 5" high (are they special bricks?)
 Tiles at bottom 7" x 10 1/2" x 1/2" thick.



White mortar-bonded, + mortar base. Set in construction trench.
 Fill black silt.
 C.T. black soil — cut into Natural.
 Curer = stones (not planned) on frequent with raising base of sides.



(8A) Black silt fill of Drain (8)

(8B) C.T. for (8) — packed with black soil / brick + mortar frags.

N. of F/S, W. end

(9) Modern drain - trench with ceramic pipe (fragmented by machine) | Under (1)
 Depth at N. end 8", S. end 11" | Two' (10)
 Vertical sides, flat bottom.

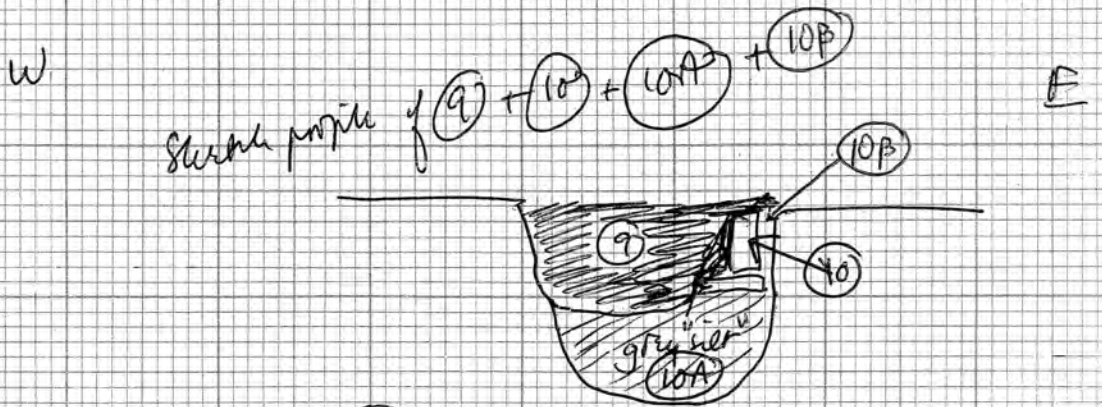
N. of F/S, W. end

(10) Brick + tile-lined drain cut by (9) on W. side. | Under (1)
 Base of tiles fragmented by (9) —
 Bricks all broken. base - tiles = (long) $7\frac{1}{2}$ " x (width) $\frac{1}{2}$ " x $\frac{1}{2}$ " thick
 (estimated)

Brick + tile side —

A southern ones (see plan) 2" thick.
 3rd from 9" long x 5" high } TILES —
 1 to north 7" long x 5" high } cf. (8)

A northern ones average size 9" x 3" x $4\frac{1}{2}$ " + } Bricks.



* (10A) could be just stained + rotted natural.

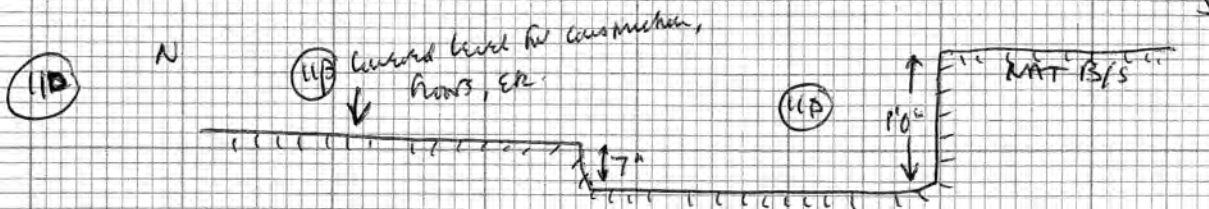
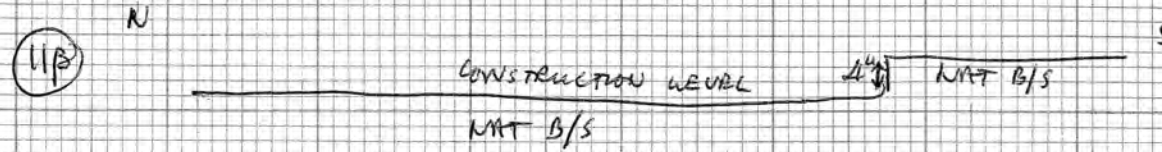
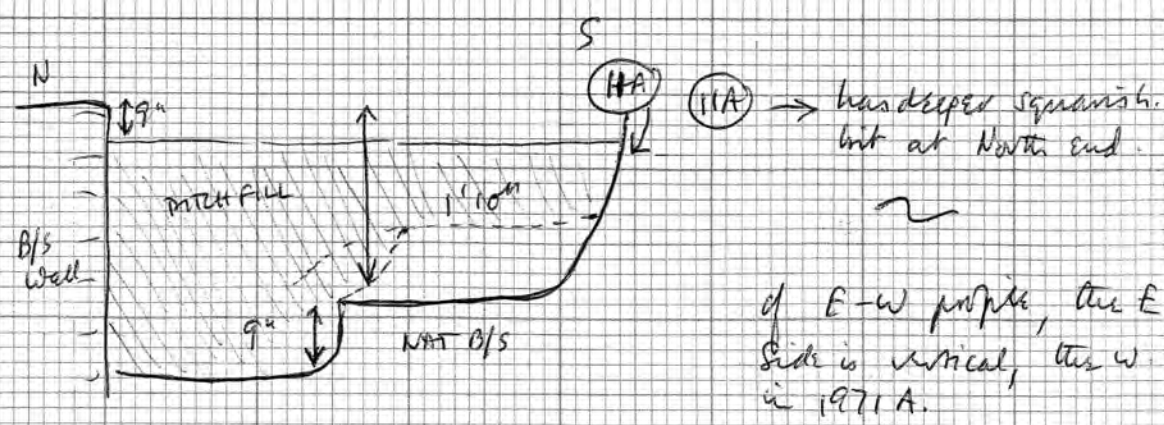
(10A) - Under (10), in same trench, is a thick layer (c. 6") of grey silt (?). Probably goes with (10)?
 Possibly weathering of trench prior to construction?

* ~~OR~~ Simply natural stained etc. by seepage?
 (it's like softer nat. sand + clay + broken pebbles)

Depth measured just S ←
 (18). N of (18) is just a
 mixed mass of (20)/(9)/(10B)

(10B) C.T. for (10) only surviving on E. side. Vertical side, flat bottom — depth N. end 6", S end 8". | Under (1)
 Later than any shaft left E of it.

Profile of
IIA



only 3" deep here as natural + all flattened. Slopes from W to E.

Unless otherwise stated, all CT's have nearly vertical sides + flat bottom.

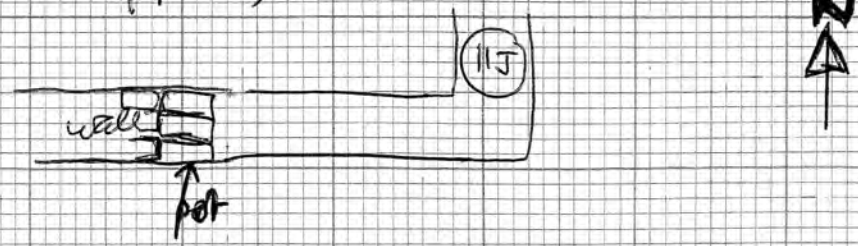
SEE PHOTOS

* II Construction Trenches of brick structures (5)'s
As far as finds are concerned, all grouped together with (5)'s as being contemporary features

Details

- IIA For (5J). Packed with shims. Mortar base in deepest bit.
- II B For (5A) (5E) (5G) (5H) - This is all on one level = the construction level for the (5)'s after construction layers removed. Hence a very shallow "trench" which has only one side, the south, where it is 4" deep with vertical side. Natural washed down to, + partly removed.
- II C North of (5E). 6" deep into Nat. from "surface" of construction (II B)
- II D This is a step down from (II C). Higher edge on S. side. This remains thru the same level from W. to E., till the E. end of (5A). Thru' any shatter into natural.
- II E Same level + depth as (II D), i.e. 6" to 7" from lowered level inside the structure. Into natural.
- II F 8" deeper than bottom of (II E). Into natural. Slopes from S. to N. to same level as construction trench for (5L) + (5M). Sloping W side.
- II G Its bottom is same level as that of (II D) until hachures on plan, when it slopes from S to N to about 3" above the bottom for (5L) + (5M)
- II H For (5L) + (5M). Vertical; flat bottom. Depth 2' 0" Obliterates all features except B/S well/ditch - 2' 0" into natural on S. side.
- II J For (5). Problem is same level as (II D), i.e. about 3" into surviving stratification

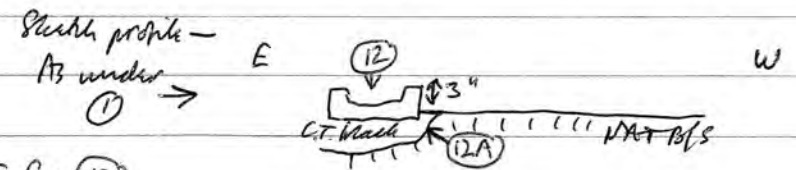
(11X) Section of pottery probably from C.T.'s (11)



For nos. (12) to (17A) see plan of area S. of F/S trench.

(12) Southern continuation of (6). Under (1)
 Brick drain of half-rounded bricks (see (8))
 Appears to be built to drain into structure (septic tank) (13).

As cleaned up under (1) the bricks of (12) stand proud of the natural, with only shallow black-soil filled C.T. remaining. Only base of drain left, fragmented by machine etc.



(12A) C.T. for (12)

(13) Brick built "septic-tank" (for water-storage presumably). Under (1)
 Mortar-lined throughout — sides with reddish brown clayey mortar, bottom with fine hard milky dark brown mortar with occasional vitric nodules. Lime mortar?
 About 1/2" thick on sides, but thicker on the bottom.

Inner brick lining = bricks 9" to 9 1/2" x 3" x 4 1/2" set with 3" face upwards.
 Next lot of "bricks" show on top as 9" to 9 1/2" x 2" and are probably the 9" x 9" squares used in nearby features.
 Outer bricks = 9 1/2" x 4 1/2" x ? 3".

(13) * The brown material on the S. side shows a top surface curve, continuous with another lining. Suggests the feature was never roofed and came pretty much from present excavation level.

Looks as though it might just pre-date the laws/slabs etc. south of it but could have been in use at the same time? Judging by alignment?

9mm pipe 5" above floor on South side.
Brick joints with hard white mortar with brown pecking when found - filled with water + rubble + soil etc.

Vertical sides, flat bottom. Depth = 3'0" into the natural to North and East.

(13A) Filling of (13). Under ①

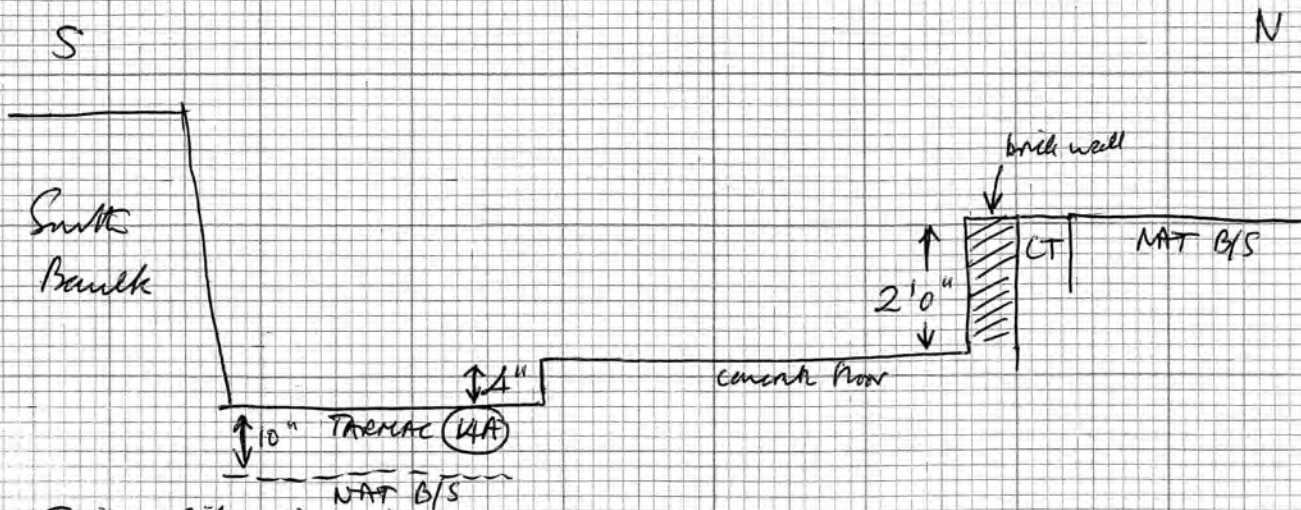
Black soil + brick rubble + water.

Some black silt on the bottom but probably this is just silting through the rubble filling.

Finds basically (19) + later. Includes ceramic drain-pipe frags 9mm pipes, etc. etc. Also (20) glass.

(13) will obliterate any features except deep pits.

Sketch profile across (14) + (14A)



This profile is approx. central.

The floor of (14) is level — due to slope in Natural the depth of 2'0" is variable (Nat. Slopes from West to East) — at E. end 1'3" W. end 2'6" to 2'9" (estimated)

The tarmac (14A) + make-up + black soil (? make-up) is straight on lowered level of natural B/S. Depth of this accumulation C. 10" from surface of (14A).

The E. limit of (14A) is approx. on a line with the E. limit of (14) and bounded by a low stone wall/kerb (dry built) at the level of the surface of (14A) down to Natural.

(14) Series of brick-built sheds/laboratories — Under (1) probably outside w/c's / coal-sheds etc. at the end of gardens for buildings on Pompeii Terrace. Probably with the most recently demolished features.

Partitions of brick walls + concrete divisions (reinforced) contemporary with the rear wall.

Floors of concrete.

Filling — very recent. Brick rubble, tin cans, wood, plastic-lined curtain wires, elec. cables (domestic) etc. etc. Mainly machine exc. and no finds kept, as it's obviously

(20th) filling.

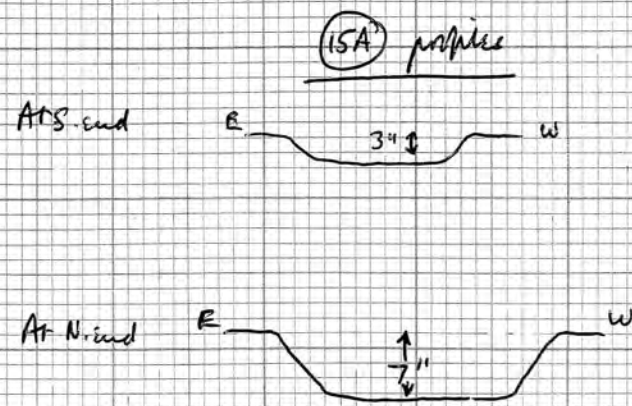
Laboratories (3) at E. end show remains of the w/c pedestals.

Bricks $9\frac{1}{2}'' \times 4\frac{1}{2}'' \times 3''$ + . Mortar fine hard grey-white

(14A) Tarmac-surfaced yard with curb South of (14) Under (1) Slightly lower level.

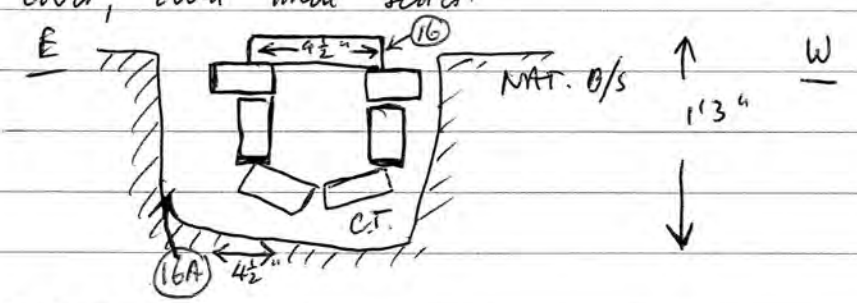
(14B) C.T. for brick walls of (14) Black soil + brick rubble fill. Under (1)

(14C) Make-up for tarmac yard (14A). Under (1) On lowered level of natural (for construction) raising yard level to that of floors of (14).



(15) Rough, unweathered, fragmented? brick wall. Under ①
 Made of unbonded broken bricks.
 As it appears, on a level with the surface of the natural B/S, set in black soil C.T.
 Either partakes (14) or is small shed/garden wall tucked on the back of (14) [9 inch later than (14)]
 (ISA) C.T. of (15) below ① into Nat. and thro' feature to W.

(16) Brick-lined drain, draining from N to S. Flunder ①
 As visible in side of F/S this has brick base, brick cover, and brick sides.

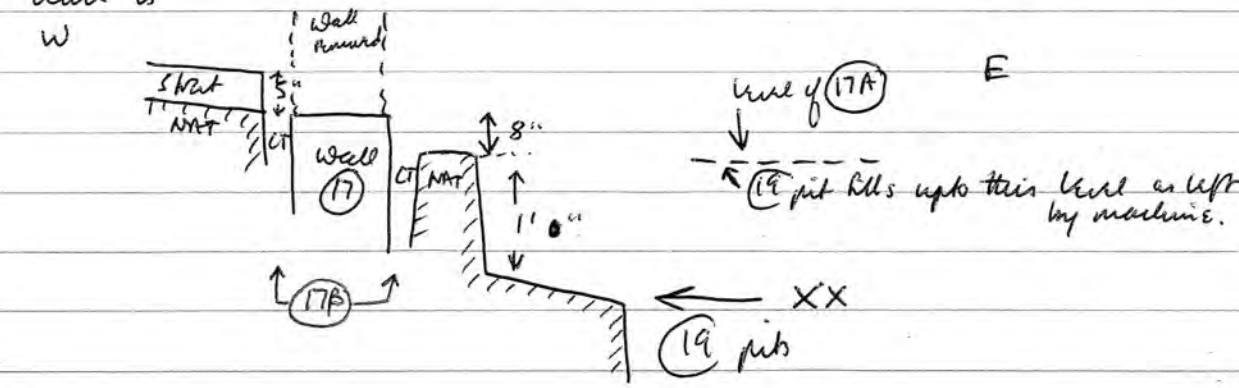


(16A) Set in black soil C.T.
 (Excavated only to show its nature, then banged out to edges of C.T. - filling of drain = black silt.
 Bricks $9\frac{1}{2}'' \times 4\frac{1}{2}'' \times 3''$.
 Drop in level from N to S., estimated at 2'0".
 At its S. limit, below stone cover, this drains into modern brown glaze ceramic drain-pipe of c. 8" - 9" diam.)

(16B) Probably base of drain once running in (17A) from E to W but masonry removed. Brick base & white mortar. Under ①

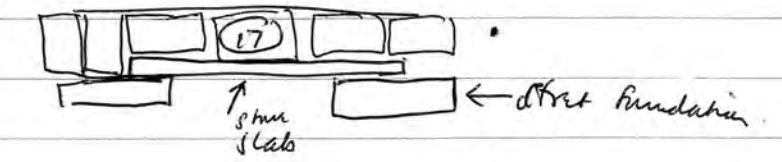
(17) Brick wall continuation of (4A) Under (1)
 Same level as (4) with one drop in level of about 9" about 6' 5" S. of F/S bench.

N. of this drop in level (which coincides ~~with~~ the N. side of (14) extended to E. in a straight line), the profile of the wall is



South of this drop in level all the Nat. seems to have been lowered to XX in above sketch, which is much the same level as the lowered natural below (14) and may be contemporary with the construction of (14).

At its S. end (17) carries modern ceramic drain and there's no sign of drain being inserted thro' (17)



(17A) looks later addition to (17). carries C.T. of Under (1)
 (17) + carries back side of (19) pits.
 (17B) C.T. for (17). Black soil fill.

N. of F/S, W end, for Nos. (18) to (20A)

(18) Trench for lead pipe (= service trench) (Under 1)
But says no smell of gas, so it could be water.

Vertical sides, flat bottom.

Depth at W. end 1' 6"

Into natural which is exposed round about, but it's later than all other features, though it could be contemporary with (5)'s

2" step up just E. of (19), where it's 1' 4" deep.

3" step up just E. of (6β), where it's 11" deep.

At its E limit it's 7" deep, but this is due to the present sloping surface from W. to E.

(19) Trench for lead pipe continuous with (18).
Vertical sides + flat bottom

Depth at N end 1' 5"

Depth at S end 1' 7"

Cuts through (6) + (6β), don't know rel. to (7)

(19A) Cont. of (19), S. of F/S trench. 12" deep [] into natural; under 1

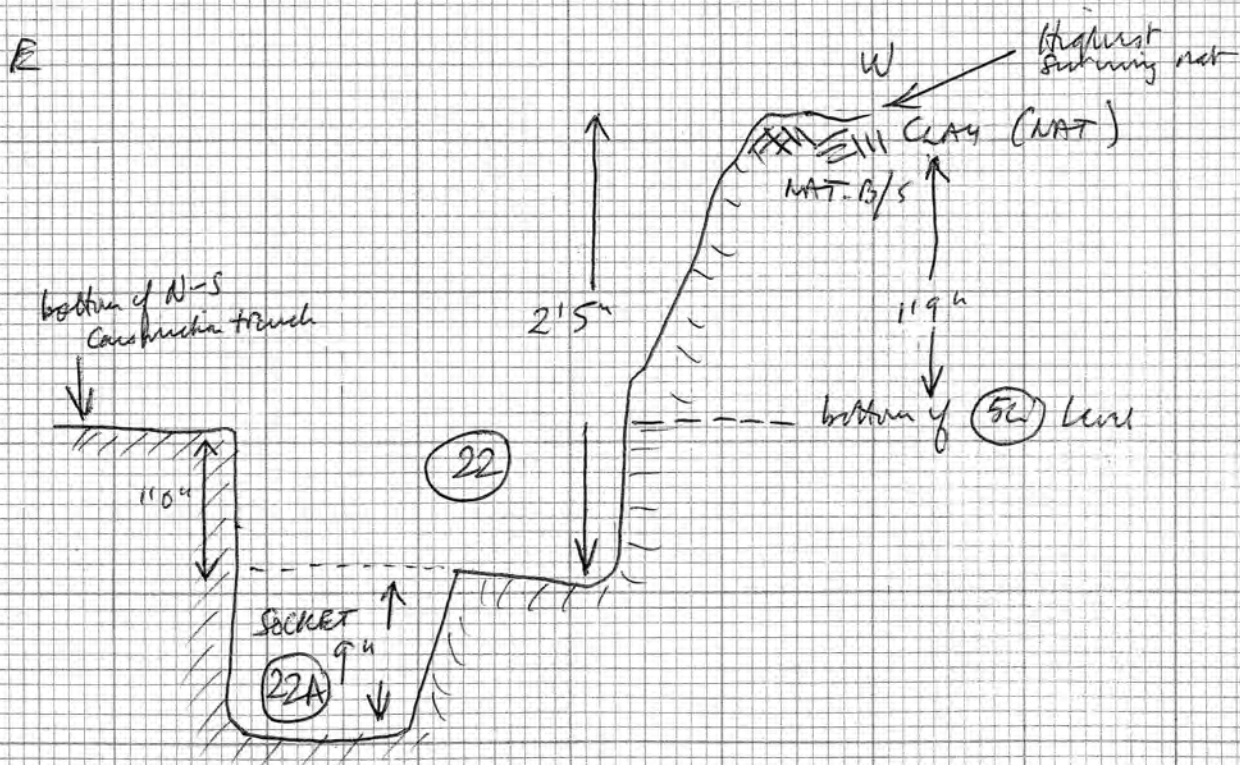
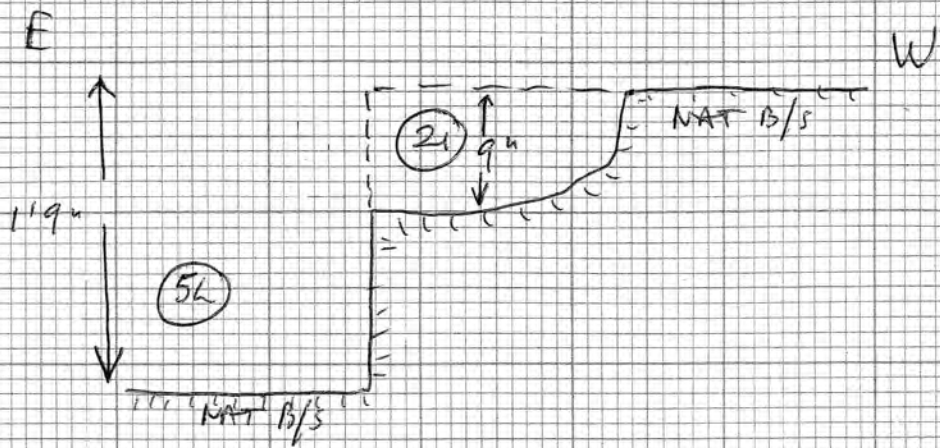
Under 1.
Later than anything else.
See (18).

(20) Shallow trench continuous with (18).

No lead pipe in it but could have held one if those pulled out by machine driven. Turry + black soil filling

Depth - 6" at N end, 9" at S end, where it's bottom is just above the level of the bottom of (18)

Under 1
Later than anything else.
Nat. exposed W. of it.



(21)

Posthole.

~~17th plus~~ Contains yellowware = (17th plus).
 Filling - fine black soil.
 Depth 9".
 Flatish bottom, slightly sloping sides.

31

Construction Levels for (21)'s
 Under (21), cut
 by C.T. (11)'s
 into natural
 which is exposed
 N side into
 ditch brown sands.

(22)

Posthole

(19th plus (willow-pattern etc.))
 Filling - black soil, masses of pottery,
 and ? decayed (tin) can with rusty white residue
 in it. Same black soil filling in the socket (22A)

Under (1), cut
 by C.T. (11)'s
 = by (11F)

(22A)

Socket for post in post-pit (22), in S.E. corner.

plus (46)
 Nos (23) to (38) all N. of F/S March, between
 1971 Marches C + D.
 All need noting & planning. All black soil features.
 All below (1). SEE SKETCH PLAN OPPOSITE.

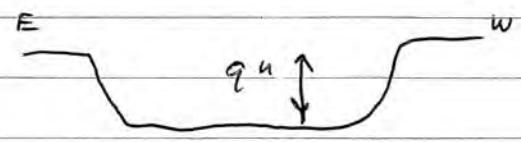
(23) PIT
 (Late → Mod.)
 Filling — A. (top) black soil
 B. dark grey & brown silty layers mixed
 with black
 C. Weathered edges.
 All exc. as (23) (LATE PIT)

Under (1)
 into Nat. S
 side, into all
 lower layers
 N. side

NB. There is a black soil
 feature with stones over the
 pit which shows in N. section
 runs N to S

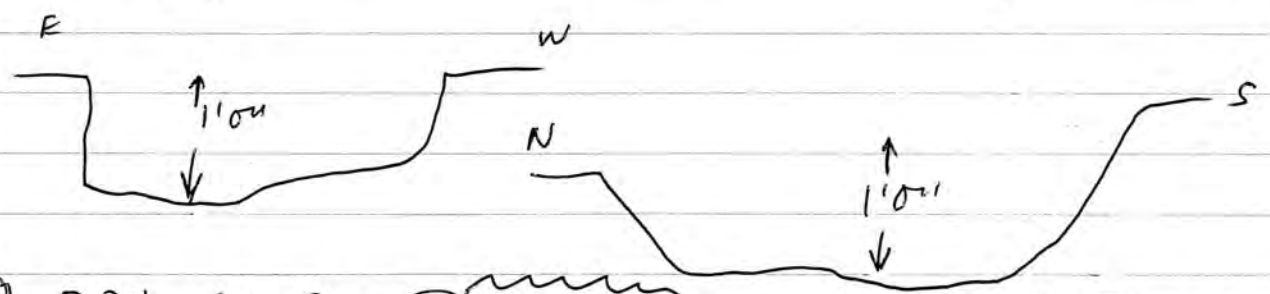
(24) PH/Small pit.
 Filling — black soil + lumps of
 brick / tile.

Under (1)
 into Nat B/S



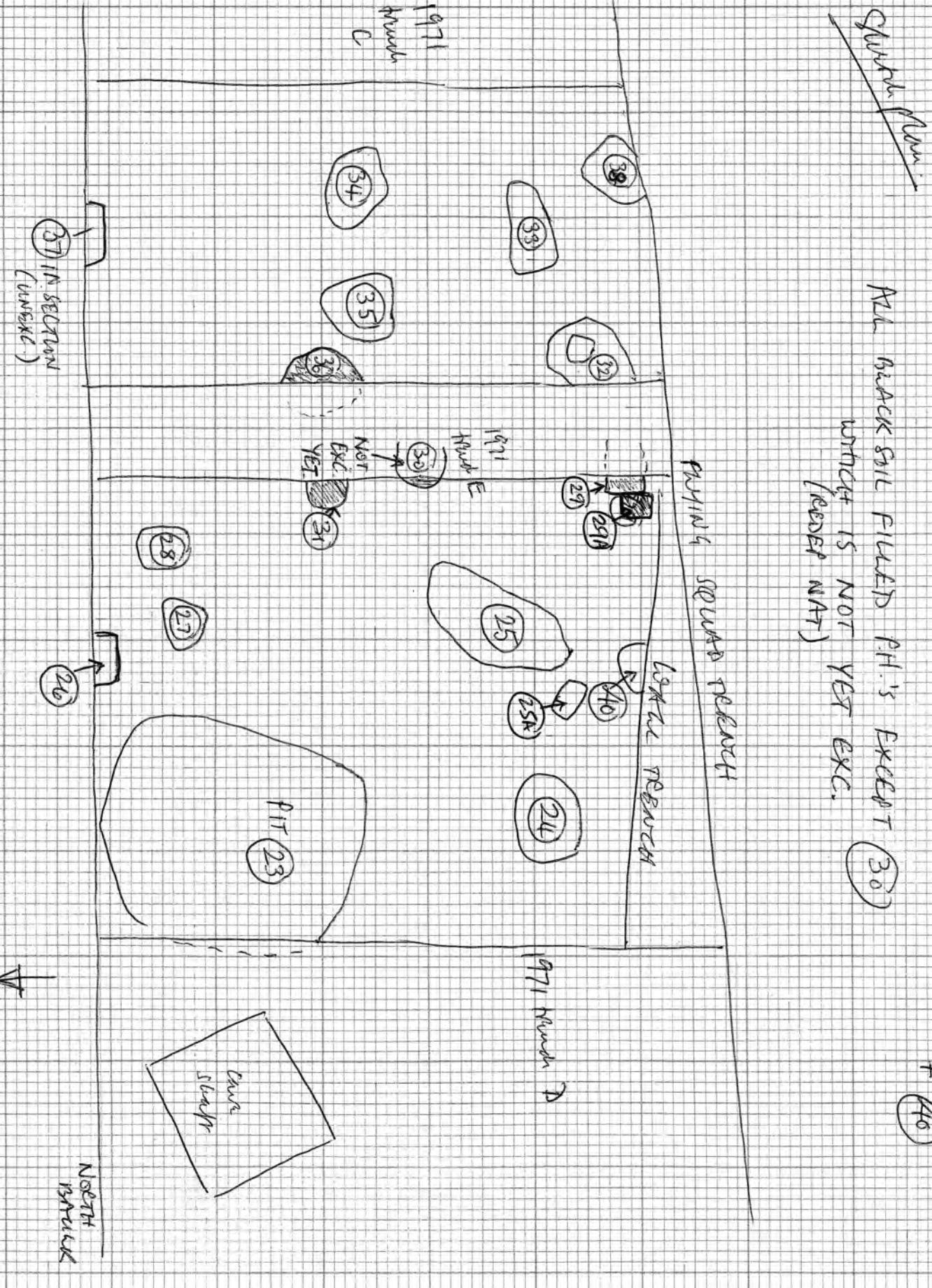
(25) Small pit.
 Filling — thin crust of yellow sand
 overlying black soil with brick-bats.

Under (1)
 into Nat. B/S



(25A) ? P.H. just SW of (25)
 Fill black soil.

Under (1)
 into Nat B/S

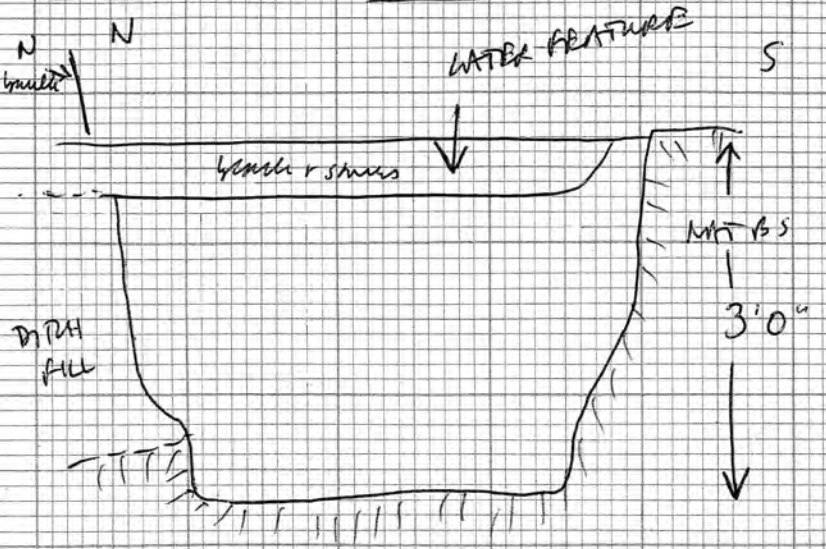


Quick Plan

ALL BLACK SOIL FILLED PH'S EXCEPT (30)
 WHICH IS NOT YET EXC.
 (NEED NAT)

NOS. (23) to (38) and (46)

Pit (23) excavated



Similar pit E/W

(26)

PH in section.
 Filling black soil.
 Depth 8" / 9"
 Sides nearly vertical.

Under (1)
 into brown layers.

(27)

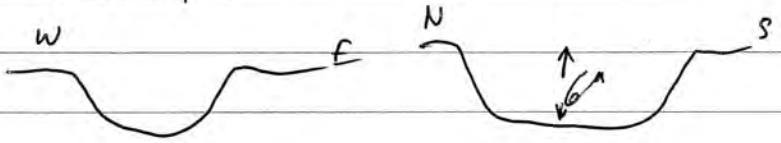
Shallow ?PH.
 Filling black soil.
 Triangular in plan.
 6" deep with sloping sides.

Under (1)
 into brown layers.

(28)

Shallow ?PH.
 Filling black soil
 6" deep

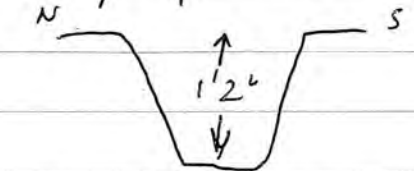
Under (1)
 into brown layers



(29)

P.H. partly exc. 1971.
 Filling left - black soil.

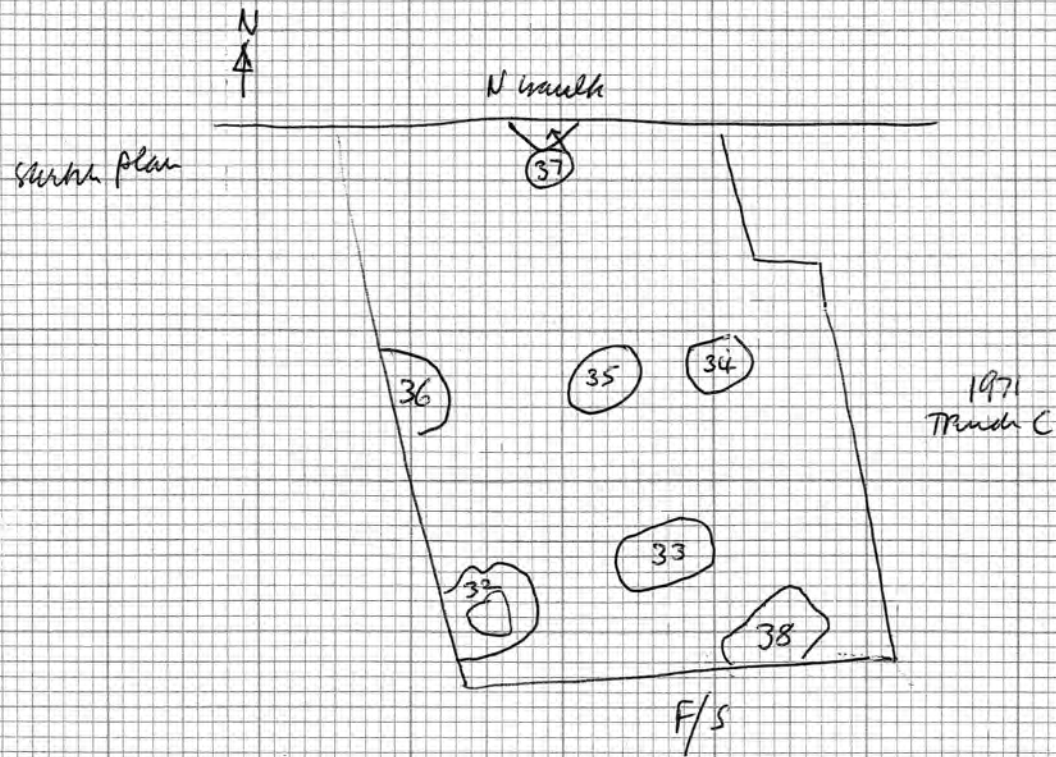
Under (1)
 into Nat B/S



(29A)

Shallow ?PH pit w. of (29).
 Depth 4", vertical sides.

Under (1)
 into Nat B/S



* (30) P.H. — not yet exc.

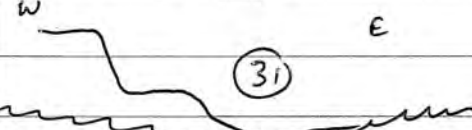
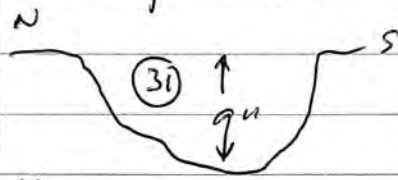
Partly exc. 1971.

So far exc. to depth of 6" but this was probably backfilling of 1971. Continues with a filling of brown sand / redsp. natural. Earlier feature?

Under ① into Nat. B/S

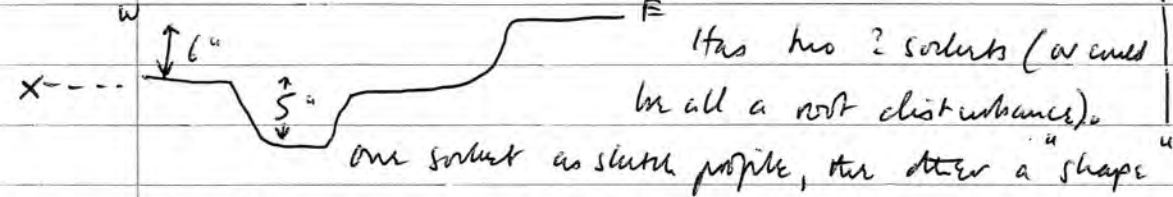
(31) P.H. — partly exc. 1971.

Filling black soil.



Under ① into Nat. B/S.

(32) Black soil-filled P.H. — partly exc. 1971.

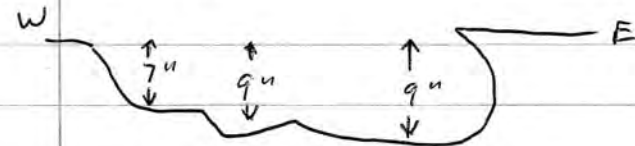


Under ① into all surviving "brown" layers

in NW corner as level x in profile.

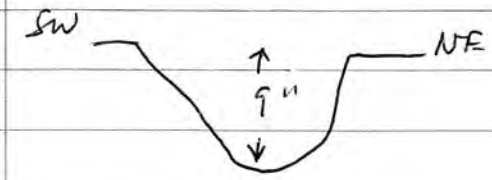
(33) Black-soil filled feature. Possibly a P.H. but more likely a root disturbance or a mixture of both. Sprudles back in NW corner and on E. side.

Under ① into all surviving "brown" layers.



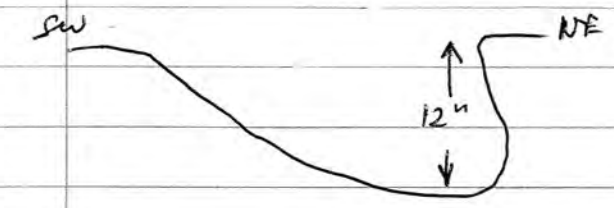
Vertical sides N+S.

• (34) Black silt-filled PH.



Under ① —
 into nat. E side,
 into all surviving
 layers W. side

• (35) Black silt-filled PH.



Under ① into
 all surviving
 "brown" layers.

• (36) Black silt-filled PH. Partly exc 1971.
 Nearly vertical sides, flat bottom,
 depth 12".

Under ① into all
 surviving "brown"
 layers.

• (37) Unexcavated black silt filled feature.
 probably PH. Too near bank
 for excavation.

Under ① into
 all surviving
 "brown" layers.

(38)

Black soil filled P.H.
Nearly vertical sides, rounded bottom,
depth 15".

Under (1) —
into West on E.
side; into all
surrounding brown
layers.



↓ N. of F/S track, W. end of site.

(39)

Under (11C).
Black soil-filled P.H.
Vertical sides, flatish bottom, depth 6".

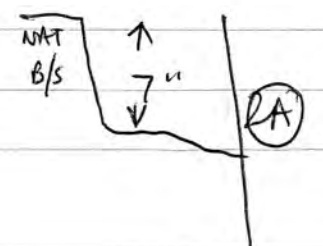
Under (11C)
on NW side.
Later than
P.H. just S. of
it (br. sand)

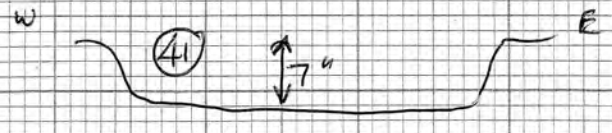
(40)

^{P.H.}
Black soil feature with nos. (23) to (38) between
1971 trenches D+E, N. of F/S.

Under (1)
Cut by (2A)
into nat B/S

P.H. — all black soil.





by flying-squid trench



at N. limit

N. of F/S, just W. of (AA)

(41)

Shallow trench with black soil filling and remaining fragments of iron (gas) pipe. Possibly a shallow continuation of the proper iron-pipe trench S. of F/S.

Probably base of trench was much higher level. As it exists now, cuts into surrounding brown layers.

Under (1)
into

(42)

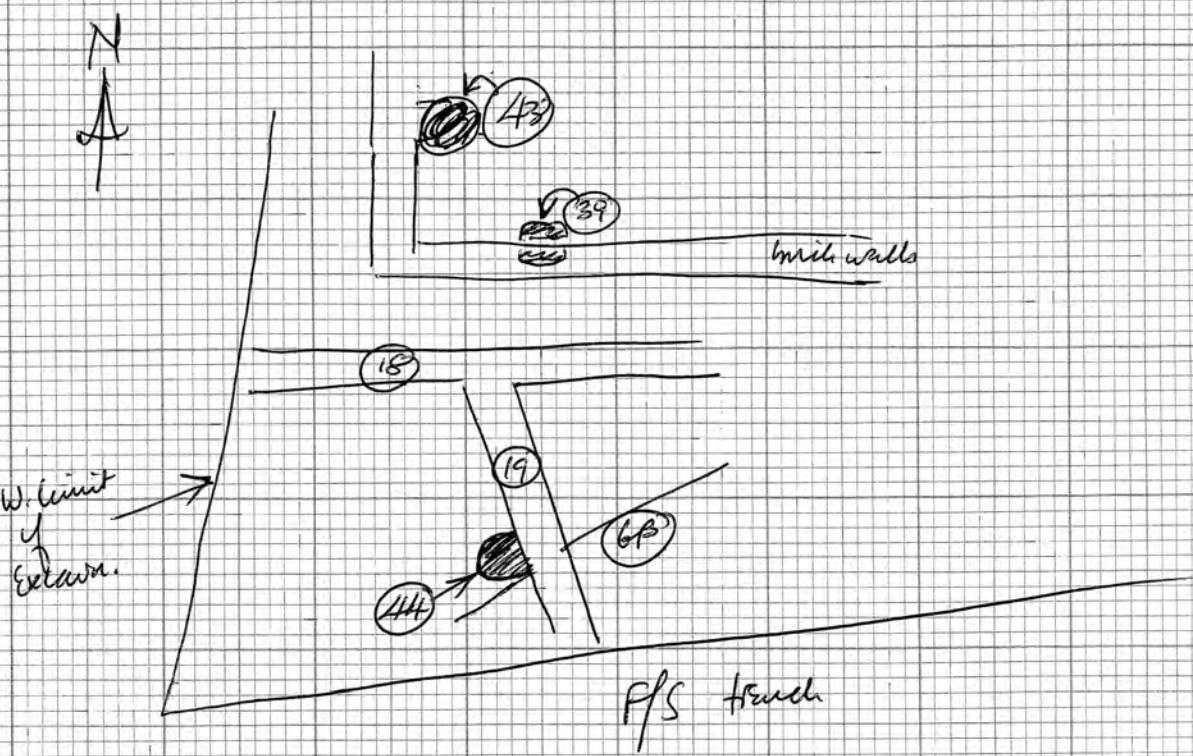
S. of F/S trench & partly cut by F/S — about 12' E. of Septic tank (13)

Under (1)
into Next B/S.

Small circular pit filled with black soil and brick-bats. Vertical sides, flat bottom. Depth 1' 9".

WB. Dotted N-side on plan was later covered by F/S trench.

Sketch plan - black soil P.H.'s (39) (43) (44)



COMPARE

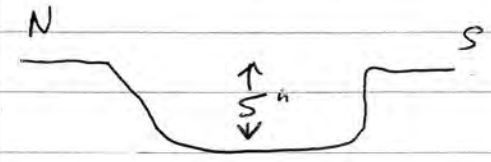
(21)

(22)/(22A)

↓ N. of F/S, W. end of site

(43)

Black soil filled PH.

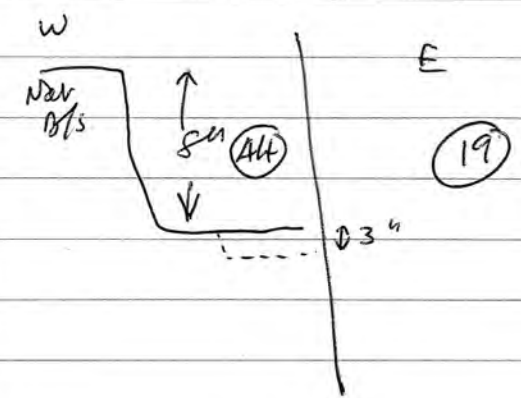


Under
Constr. Br
(5H)
into Nat B/S

↓ N. of P/S, W. end of site

(44)

Black soil filled PH.



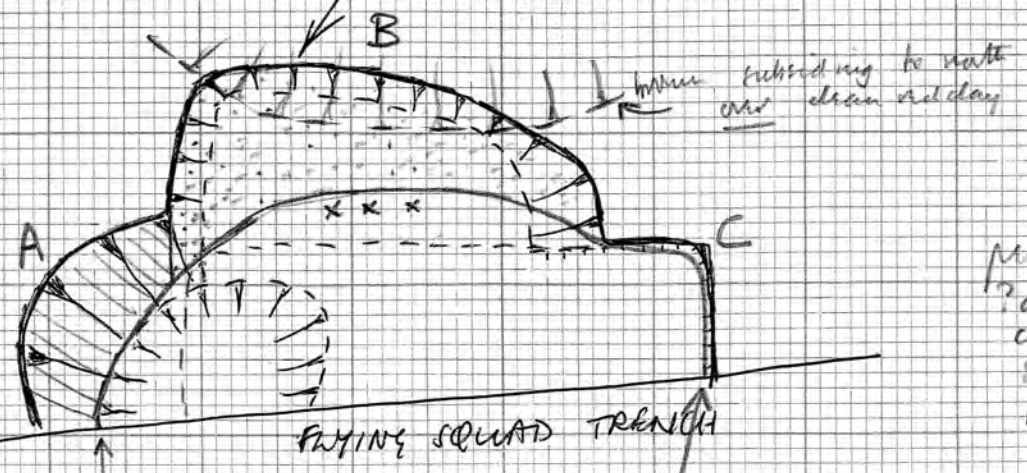
Under (1)
into Nat
cut by (19)
? rel. to (6B)



OVEREXCAVATED FEATURE (115)

outline on final plan

Sketch plan:



Excavation Straps (ii) yellow + black with bricks c. 9" thick (? F/S trench/spindle)

over (ii) red clay + black covering some area [N.B. red extended into filling of main F/S trench]

(iii) all clean red clay originally forming edge to yellow

(iv) grey pit over-excavated (edge to clean red clay)

(v) at xxx yellow that goes with dirty red clay (ii) (layers of yellow/red/black initially, S. of xxx) underlies clean red (iii) on the bottom of the feature - ? = undercutting spindle by F/S - cf. Mound-up over just S. + E. of this

BASIC FEATURES LEFT

- A. Grey sandy pit
- B. Clean red clay feature
- C. Yellow spindled dark grey sand feature

(45)

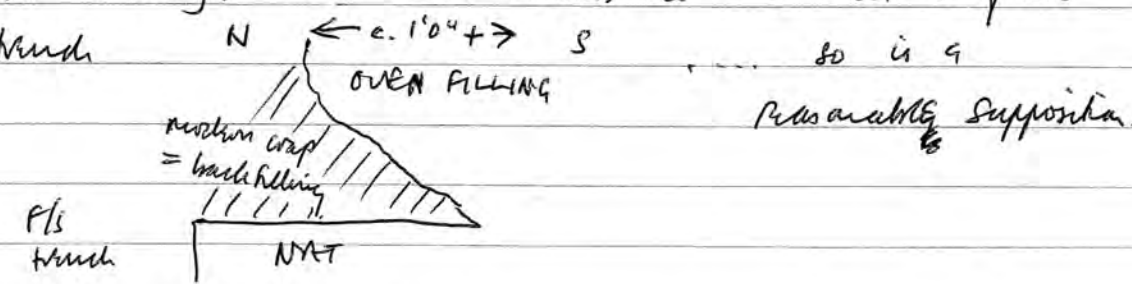
Probably an over-excavated "feature". Originally this showed in the side of the F/S trench as redp. nat. + black soil resting on red clay + black soil ~ when excavating the fill of the F/S trench, no distinction could be found between red clay in the trench + in the feature, i.e. continuous layers. Appeared then to be a filled-in extension to the F/S trench, somewhat irregular in plan (eroded or dug that way?). However, it was treated as an archaeological feature just in case.

Under ① into all surviving layers.

Filling (upto continuous pencil line, sketch opposite)

- (i) yellow redp. b/s interbedded with black soil - bricks in it
- over (ii) red clay interbedded with black soil and layers of yellow b/s.

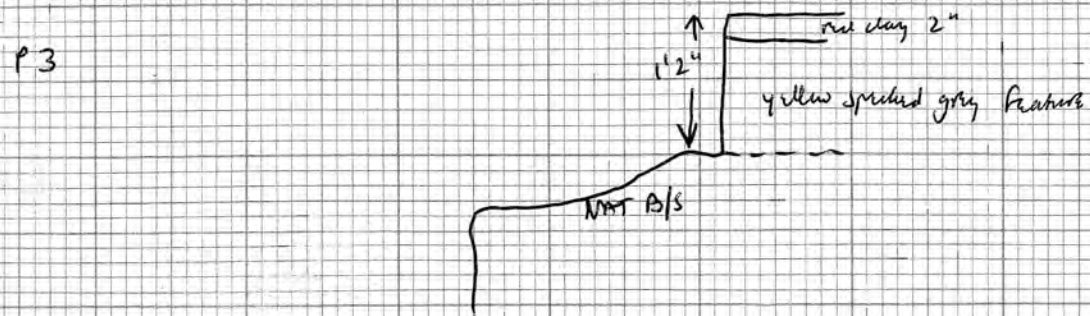
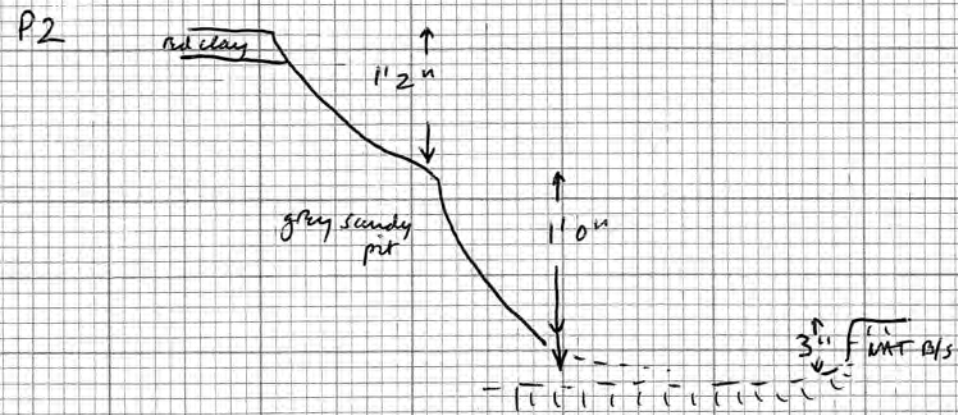
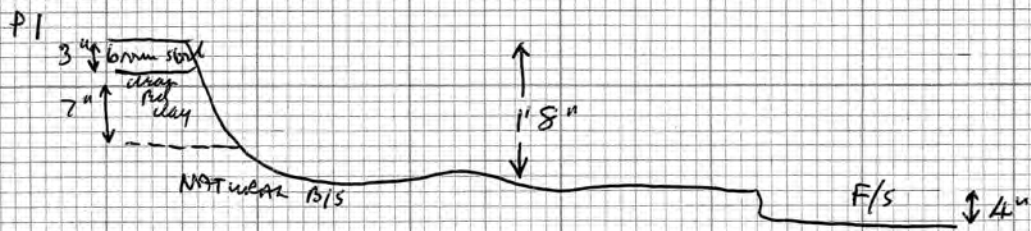
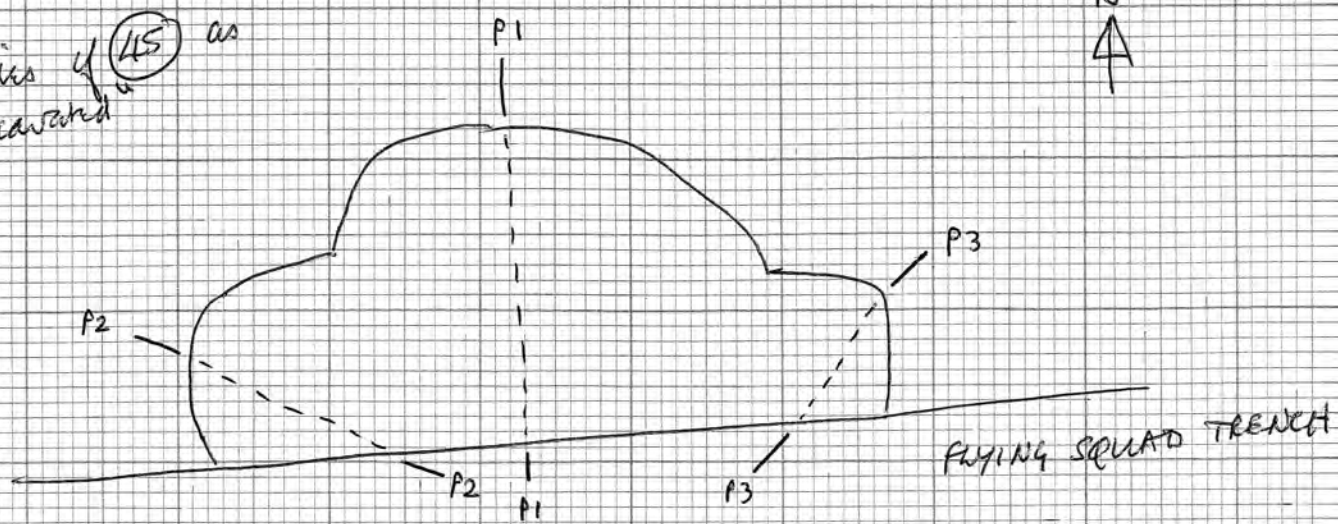
The pencil line was probably the original edge to F/S cutting, BUT this was "undercut", as though someone had spalled back in to the section with a shovel, seeking finds for dating. This also occurs in the area S. of the F/S trench



The filling of the undercut was red clay mixed with thin layers of yellow + black, as (ii) and continuous with it.

The overhang of clean red clay (iii) was cut back until the underlying (ii) no longer existed. However it

Proposed
"Excavation" of (45) as



CONT. (45)

still remains (see P1) and appears to be the filling of a feature lying N. of (45). This has been left for separate excavation as stratigraphically it appears to be medieval.

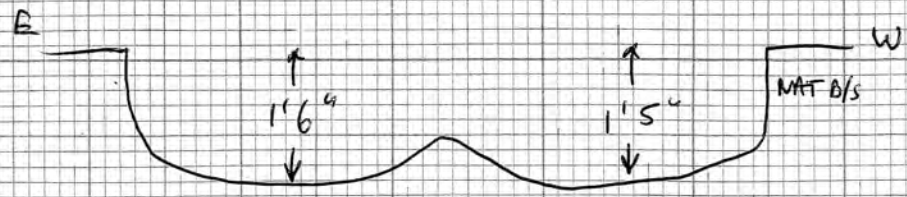
(iv) at P2 there is a pit with grey sandy filling, also speckled at. We cleaned back ruthlessly to get rid of "contamination", while so doing it was established that the grey formed an edge to the clean red clay (iii) and pre-dates it.

Basically, we are left with 3 features —

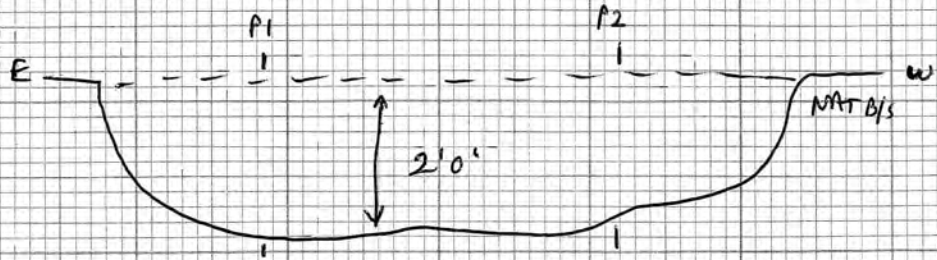
- A. Small pit filled with grey sandy material (see iv + P2)
- B. Feature filled with clean red clay, post-dating A. (see iii + P1)
- C. A small pit / feature filled with yellow-speckled dark grey sandy. (see P3)

All the finds came from the yellow + black mixture (1) and have been labelled (45)

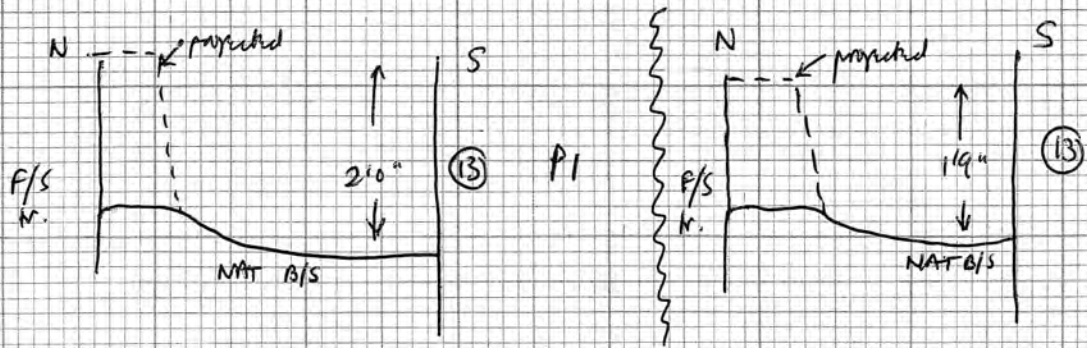
The dirty red clay (ii) contained a shard of Nottingham salt-glaze but this was not kept as the provenance was doubtful.



Profile of (46)
as in S^D side of
F/S trench.



Profile of (46)
by (13)



N-S
profiles
of (46)

(46)

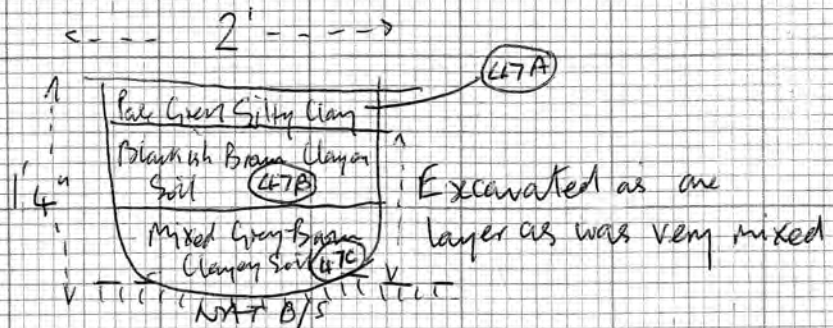
Feature S. of F/S trench, W. end, just N of (13)

Under (1)
into MAT B/S

Looks like 2 or 3 features but may be F/S spuddle
as all layers are continuous. Filling = black soil, bricks,
bits of plastic, tarry layers, dirty grey sand etc. etc.
Possibly +/or C-T. AW (13)

Most likely — back-filled F/S spuddle into pit/features

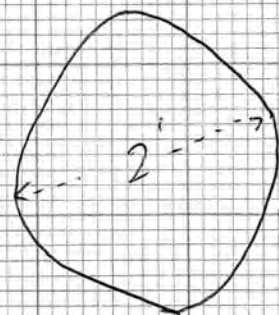
Diagrammatic Section through (47)



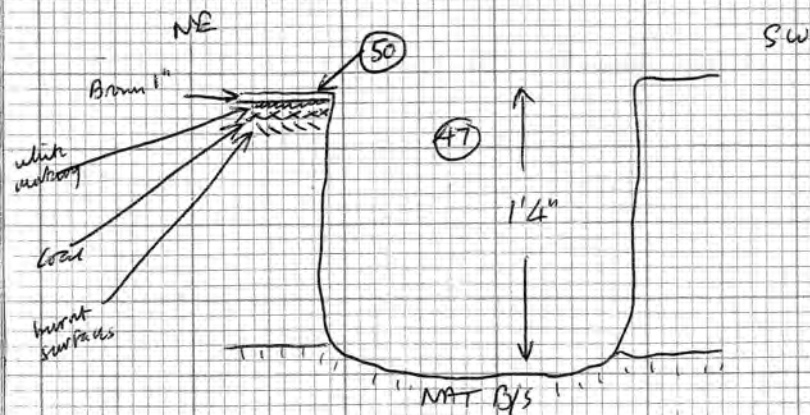
- A. grey soil (? clay) + some clay
- B. Brownish-black soil
- C. Mixed red-brown grey soil (cf. (50), the layer the pit cuts through) (But all very mixed in reality)

Excavated as one layer as was very mixed.

Sketch Plan of Pit (47)



Excavated profile of (47)



Similar profile NW-SE

* COULD BE A P.H. OR A BIN/BARREL WITH KILN (61) + TWO SLOTS.

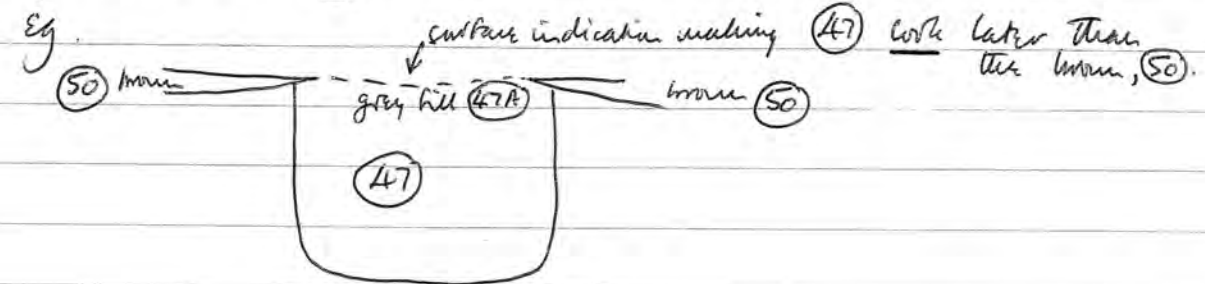
(47) ? Pit

Feature North side of F/S Trench, About 13' from North Section between pegs O + P to centre of feature. Centre part of feature about 3' from N side of F/S Trench. Diameter of ? Pit about 2'. Depth 1'4"

Mixed fill bluish, grey-brown clayey soil apart from layer of pale grey silty clay about 3" thick from at top of feature. Fill contained many pebbles, tiles and stones + numerous charcoal flecks.

- (47A) Pale grey silty/clayey soil, with an admixture of ash - top fill of (47). Uncertain if under (50) (see below), or if (47) cuts (50).
- (47B) Brownish-black clayey soil. Under (47A), over (47C). Drag with (47C) (similar - v. mixed).
- (47C) Mixed grey-brown clayey soil. Under (47B), as bottom of (47)

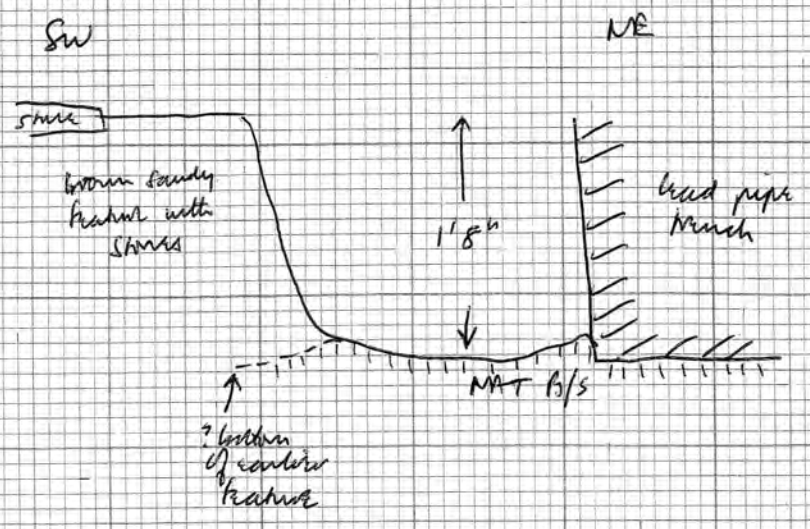
NB. The brown 1" thick at the top possibly overlay the filling of (47) by about 1/2".
Soil remains? or (47) earlier than the brown?



LATER NOTE

* POSSIBLY SOMETHING STOOD IN (47) CONTEMP. WITH KILN + TWO SLOTS, WHICH WAS REMOVED AFTER SOME OF (50) WENT DOWN?

Under (1) into red-brown soil (50) [may be under (50), see below].



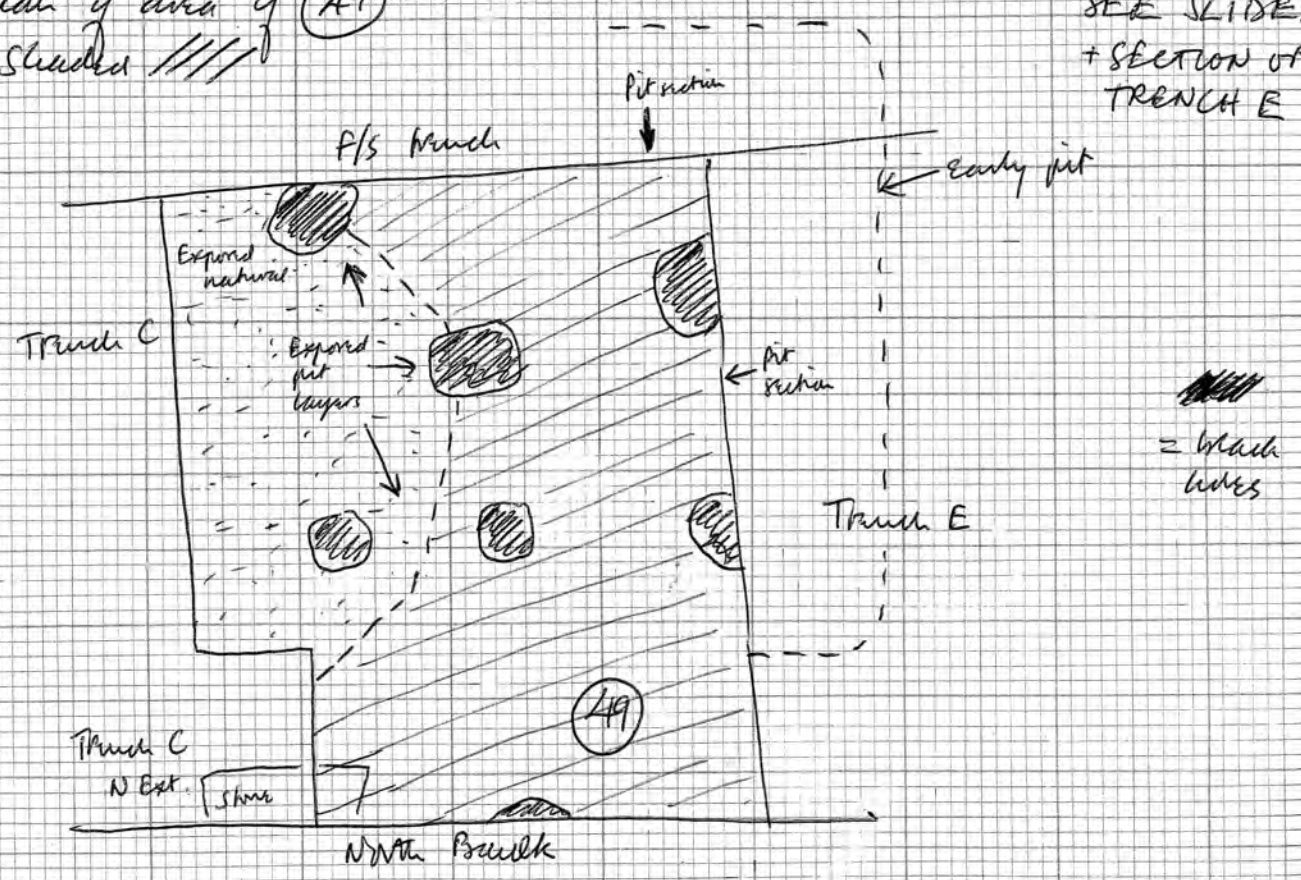
(48) P.H. { N. of F/S trench, W. end of site

Filling - silty black soil, "weathered" sides.
Some small slurry + pebbles towards the bottom, possibly derived from the earlier feature to the S.W.

Depth 1'8", nearly vertical sides, rounded bottom.

Under (1)
into Nat B/S + earlier feature to SW
Cut by (19)

Sketch plan of area of (49) -
(49) Shaded //



SEE SLIDES + SECTION OF TRENCH E

(49) N. of F/S trench, between trenches C+E

Red-brown soil with beds of white mortar and red clay and occasional beds of charcoal. Lot of tile debris and some small bits of slurry.

Slurs in main N. section.

About 3" thick by N. bank, thickening S. wards in subsidence into earlier pit, where it's up to 6" to 9" thick.

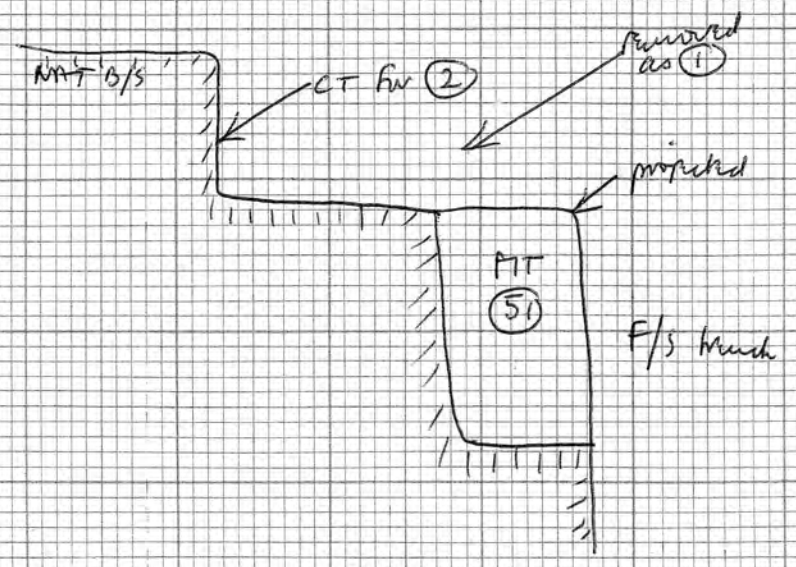
Orbits charcoally / burning in pit and are ditch layers by the bank.

Under (1), cut by series of black loam.

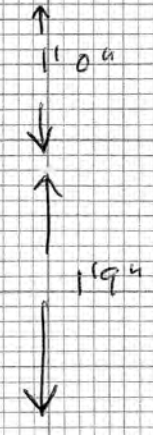
* Probably same layer as (50)

Sketch profile of (51)

N



S



(51) N of F/S between benches D+E, showing in N. section of F/S trench.

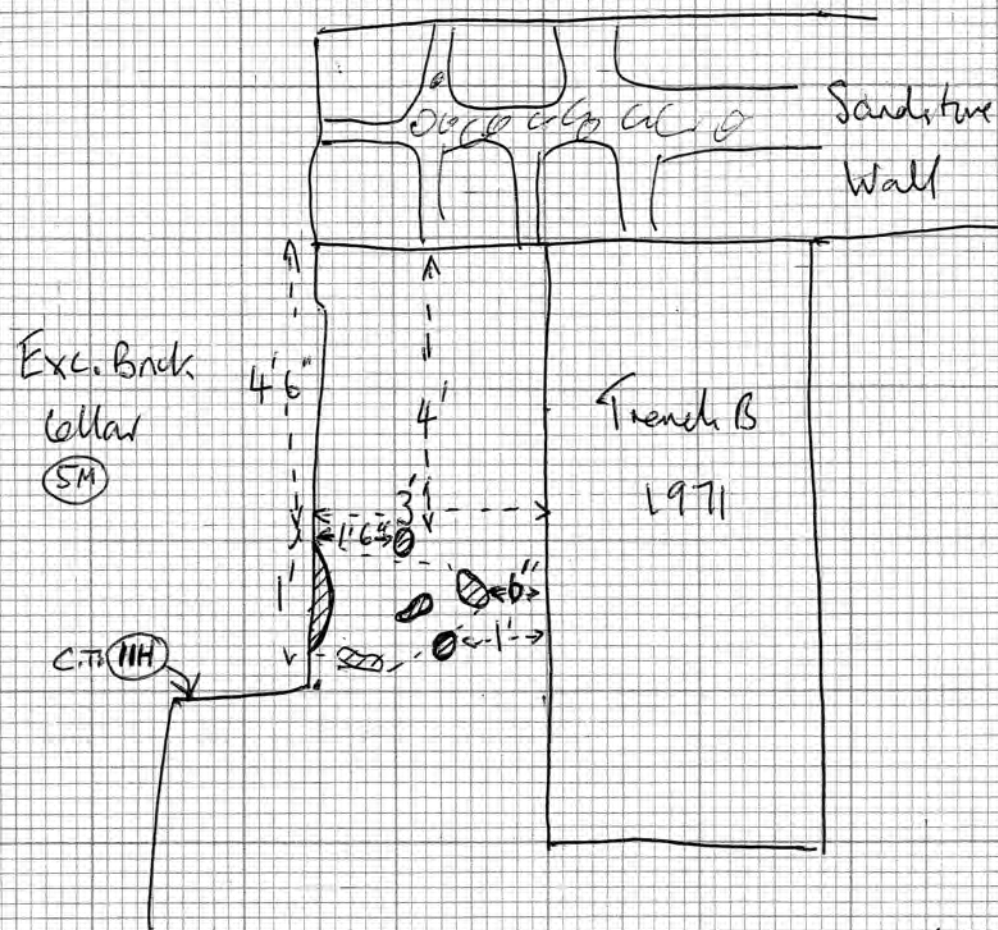
Under (2) into Mat B/S.

Part remains of pit, on lower level South of (2).

Filling - layers of yellow sand and redeposited material, with some brown sand tip-lines. NO FINDS - could be any date. Looks squashed into by F/S

Vertical sides & flat bottom.

Sketch Plan of ^{Layer} (52). N-S to Scale.



Key

⊙ = (52)

(52)

Layer of dirty yellow sand occurring in small patches west of Trench B (1971) by about 1'. Contained 1 sherd of Staffordshire Slip-ware [early]. Very thin layer. About 2" thick where cut by C.T. for Brck cellar (SM). Shows in Section formed by excavating Brck cellar at a distance of about 4'6" from South edge of Sandstone wall to a point 5'6" from South edge of Sandstone wall [Sketch Plan opposite].

Possibly all that remains of bottom layer of a feature. Overlies patches of ~~red~~ ^{burnt orange} clay and also underlies Brown destruction layer (50) where burnt orange doesn't exist.

Under (53) Over (50) where (53) does not exist

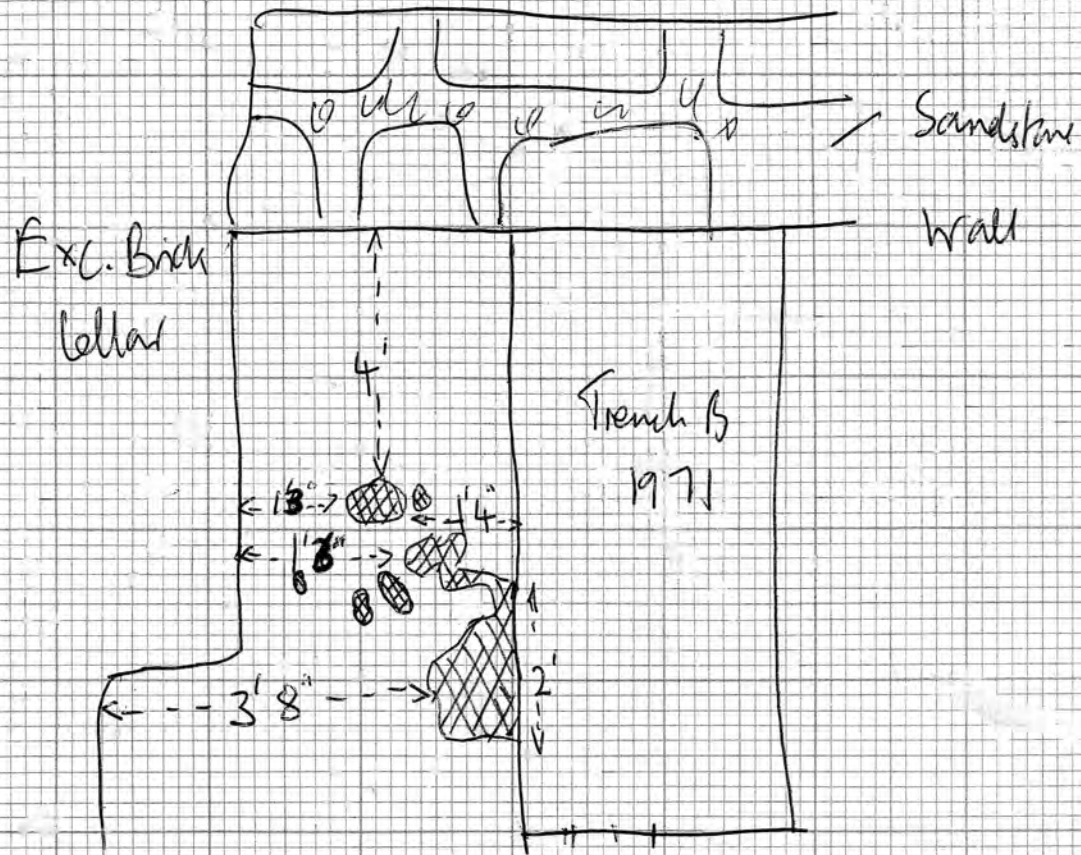
(53)

* This is a later period of burning unconnected with main burnt areas associated with red clay floors. Shows in W. section of 1971/73 when it is described as "brown soil bedded with orange burnt clay".

(53)

Patchy layer of Orange burnt clay. Shows in West Section of Trench B 1971 at a point 5' from South edge of Sandstone wall for a distance of about 2'. This layer extends from West Section of 1971 B to a point about 2' West of Section. Occurs from a point 4'0" from South face of Sandstone wall to a point about 7' from South face of Sandstone wall. Very thin layer overlapping

Sketch Plan of Layer (53) (Not to Scale)

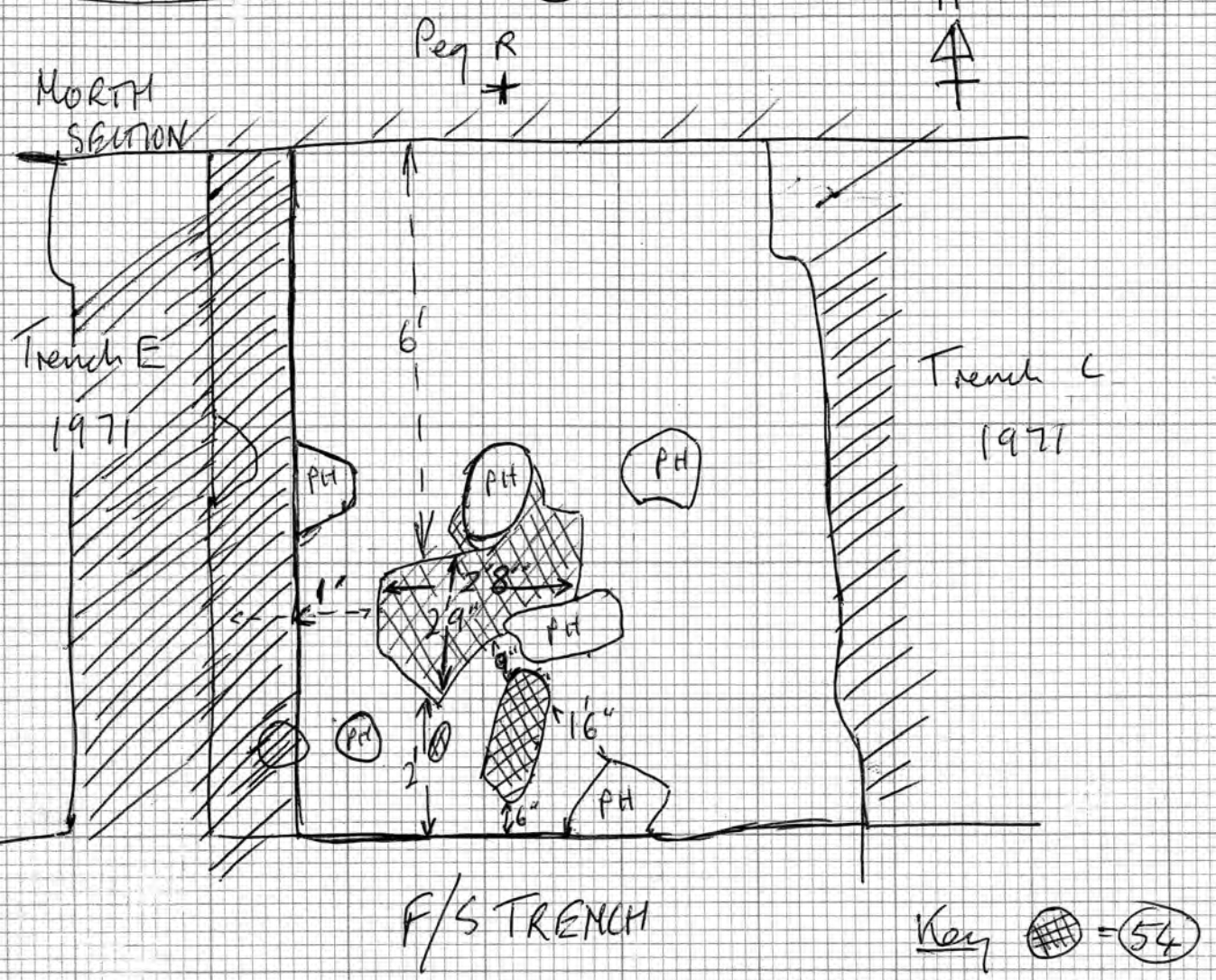


Key
 Burnt Orange Clay

(53) (contd)
 — Brown destruction layer (50)
 In planes (53) underlies Dirty Yellow sand layer
 (52) [Sketch Plans]

Under (52).
 Under (1) where
 (52) does not
 exist.
 Over (50)

Sketch Plan of Layer (54) (N/S to Scale)



All PH's are mod. black.

(54) Layer —

Layer of coal North of F/S Trench. Occurs between "E (1971) and Under "C (1971) This layer occurs in Pit Subsidence. (49)

Thin layer about 21" thick. Dips in middle due to subsidence into Pit. Overlies burnt clay [?]

See sketch plan opposite.

JULIAN RICHARDS DUG + NOTED

(55)

PIT — S. of F/S Murch.

Just shallow remains of medieval pit underlying part by modern drain complex. Specifically, under (14C), cutting drains.

Under (14C)
Cut by (225)
and (226)
onto nat. B/S

Layers in (55)

(55A) Small patch of light yellow sand with b.s. Muds on E-side of pit (under modern layers) c-2" thick. NO POT.

(55B) Under (55A) and under mod. layers where (55A) does not exist. Grey sandy soil with pieces of charcoal. All over pit. POT

(55C) Under (55B). Dirty grey sandy soil with pieces of burnt b/s, burnt bone, charcoal. Mainly burnt material. Small patch on E-side of pit. POT

(55D) Grey sandy soil with pieces of b.s. and charcoal. Some large pebbles. Over most of pit excluding W-side. Under (55C). POT

(55E) Light grey sandy under (55D) on W-side of pit. NO POT.

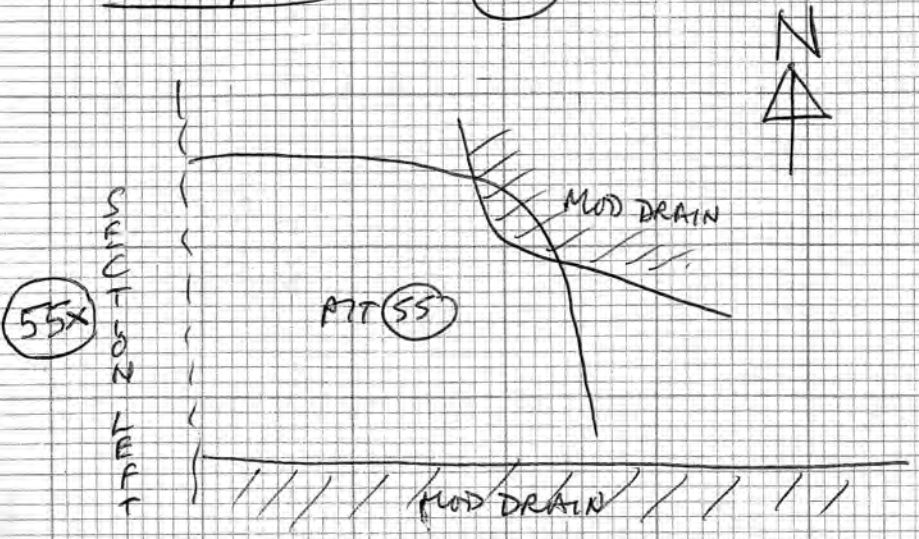
(55F) Under (55E). Light yellow sand on W-side. NO POT.

(55G) Mid-grey sandy soil with pieces of ch. cl. and burnt b.s. and pebbles. Over most of pit. Under (55F). POT. On natural.

* POTTERY FROM SURFACE CLEANING OF PIT, NUMBERED (55X)

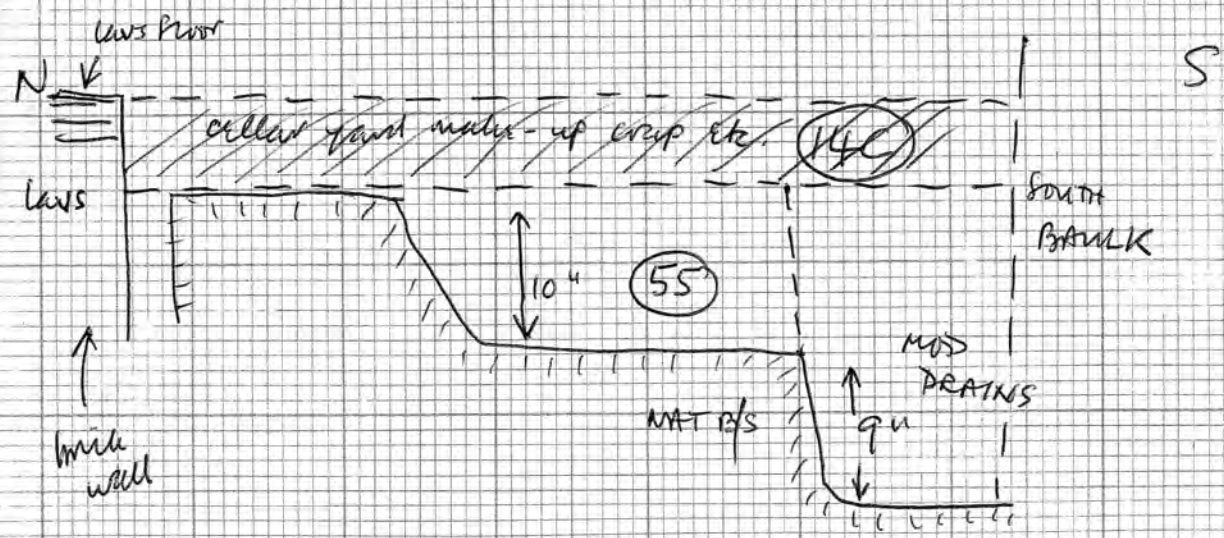
ROCK ROUND (55)
SHOWS PALE GREEN
CESS-STAINING

Sketch plan PIT (55)

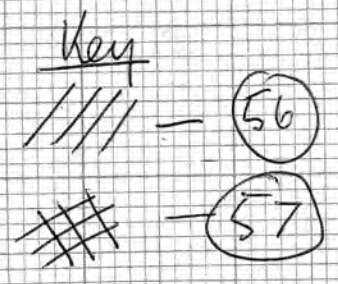
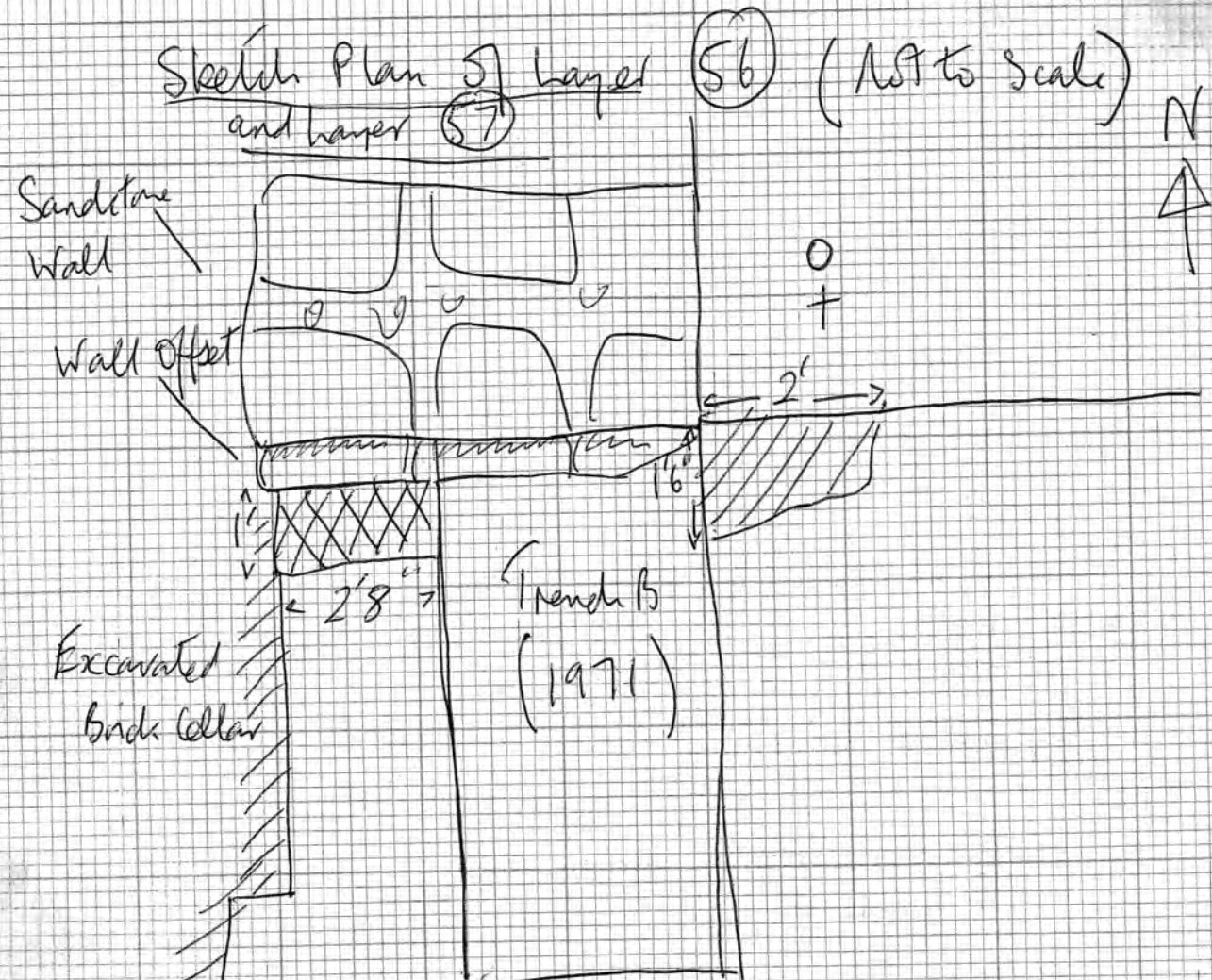


MBS (55) to (55G) refer to this area of this pit.

Sketch profile PIT (55) (Along line of section left)



(55X) — Pottery from the WEST half of Pit (55) after removing cellars etc. — Excavated as ONE DEPOSIT.



Sketch Plan of Layer (56) and Layer (57) (Not to Scale)

(56) Layer of soft brown soil with mortar flecks and flecks of tile. Occurs East of Trench B 1971 and shows in East section of Trench B. Occurs North of F/S Trench. Build up against Sandstone wall where it is about 6" thick. Slopes to a point about 1'6" from North Section opposite Peg O where it is about 1" thick.
 [Disturbed by worms and plant roots]

Layer (56) slopes under brown layer (50) about 6" from North Section, where it fades out at a point about 1'6" from North Section.

Under (50)
 Under (1) where (50) does not exist

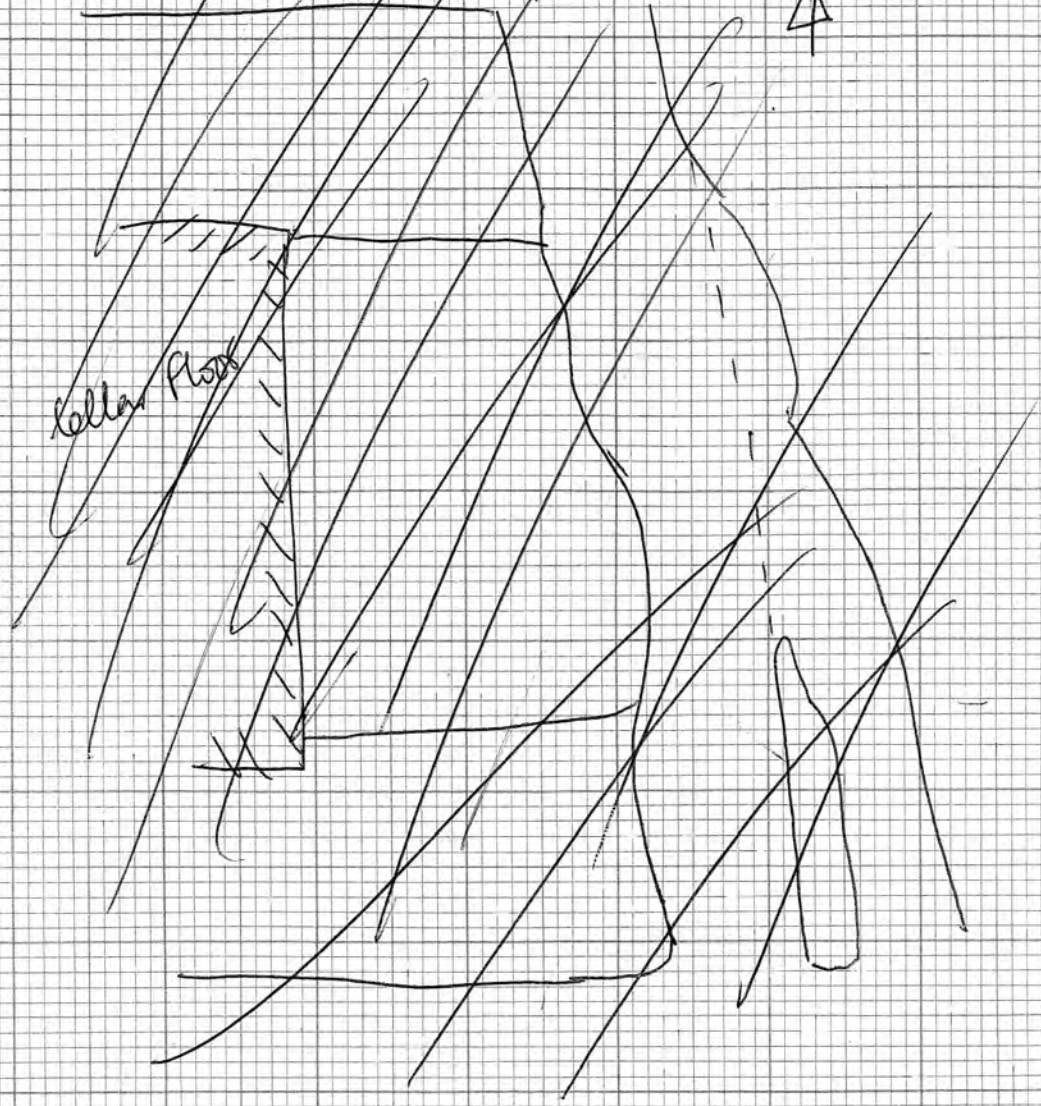
(57) Red-
 Brown soil with yellow clay lumps, mortar flecks and patches of sand. Occurs North of Flying Squad Trench and West of Trench B 1971. Shows in West Section of B 1971. Layer is about 3" thick and slopes from Sandstone wall to a point about 1' from Sandstone wall. Slopes under Brown layer (50) at a point about 1' from Sandstone Wall [Sketch Opposite]. Layer (57) is similar to layer (56) ~~with~~ apart from lumps of clay on the surface, which may be from sandstone wall. Both layers (56) + (57) overly patches of Gypsum Mortar / Plaster.

Under (50)
 Under (1) where (50) does not exist.

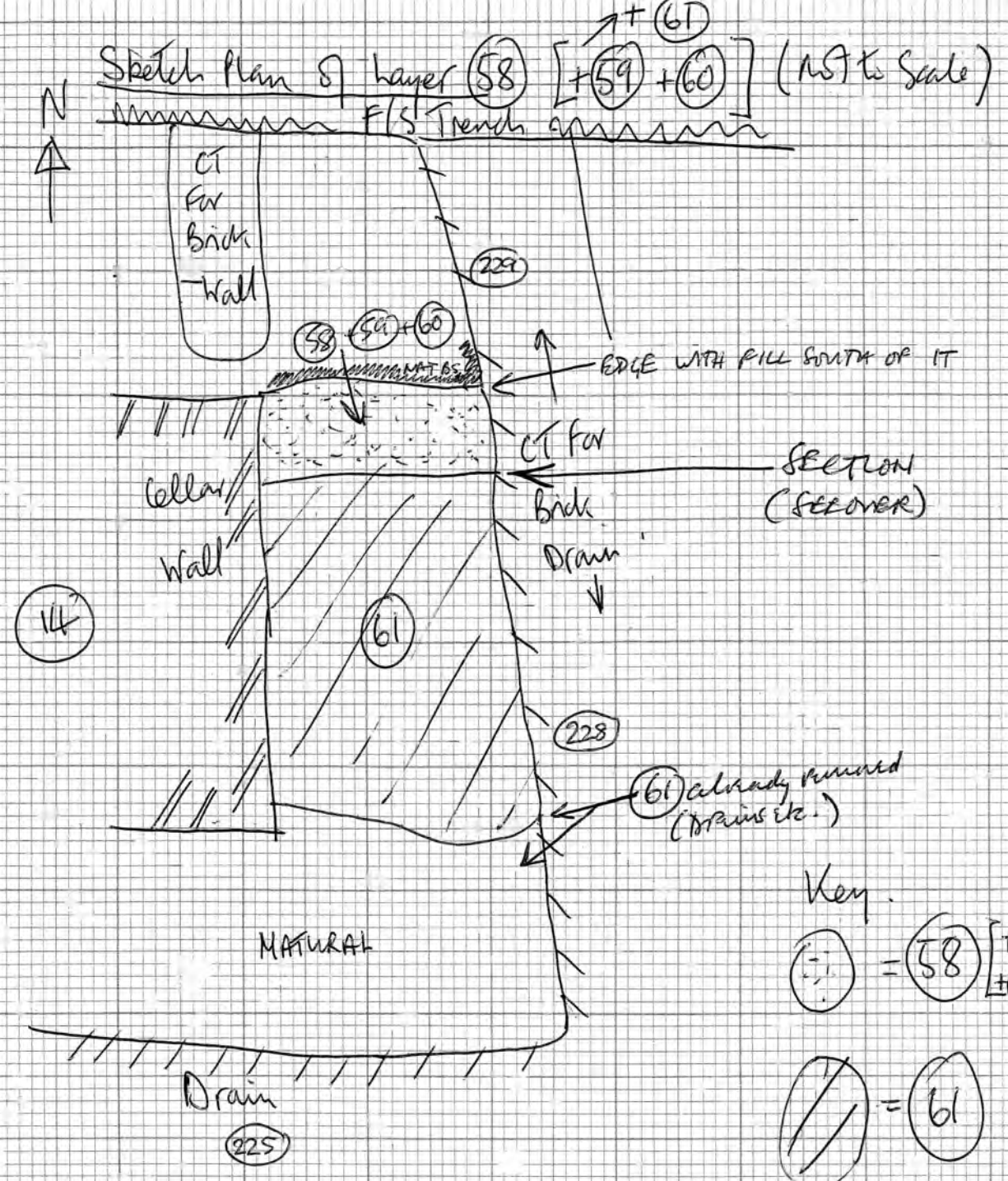
(56) and (57) possibly same layer i.e. Build up against wall

Sketch Plan of Layer (58)

N
4



(58)



S. of F/S.

(58) Black-Brown soil with charcoal flecks, occurs between wall of Brick Cellar south of F/S Trench, and Construction Trench for Brick Drain (228)/(229). About 3" thick - level layer. Extends about 2' from North East corner of Cellar wall where cut to Section. [Sketch Opposite]

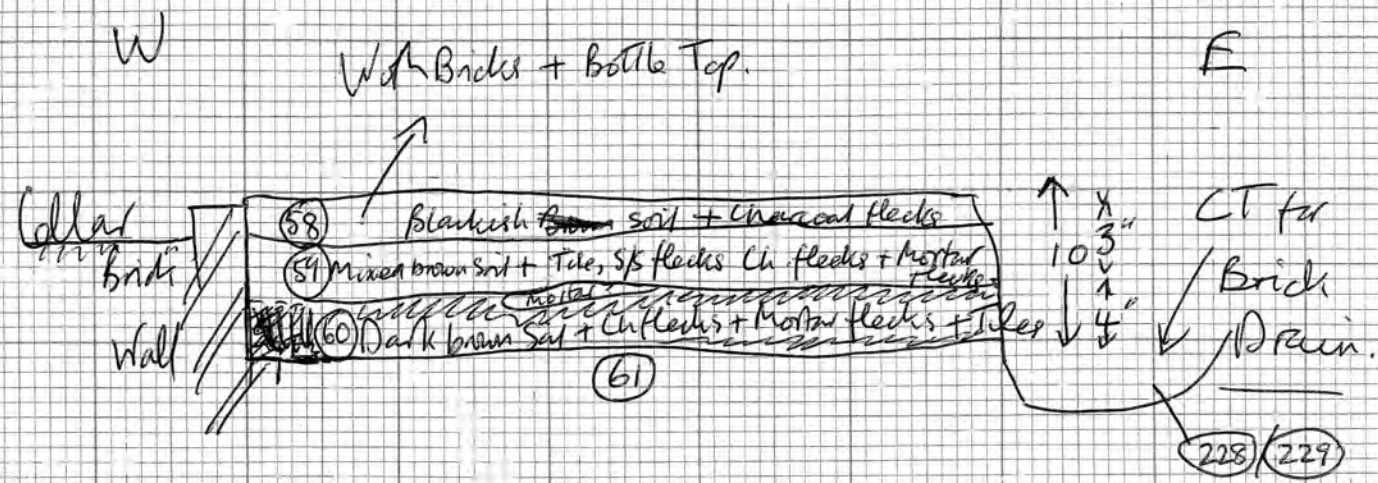
(59) Mixed Brown + Sand Soil with Tile, Mortar, + charcoal flecks. Covers same area as (58) about 3" thick. Under (58)

(60) Layer of Dark Brown Soil + Charcoal, Mortar flecks + Tiles. About 4" thick. Covers same area as (58) + (59). Under (59)

[See Section Overleaf]

(58) + (59) + (60) all appear to be soil dumped against the cellar, filling a large "unused" construction area/branch. See sketch section overleaf.

Sketch Section through layers between [South of] Brick Cellar and Drain Trench (228) (229) F/S Trench.



As (58) (59) + (60) are in the wall North, they are cut by brick drains, the latter are very late (Consider the last being a later construction in sheds?)

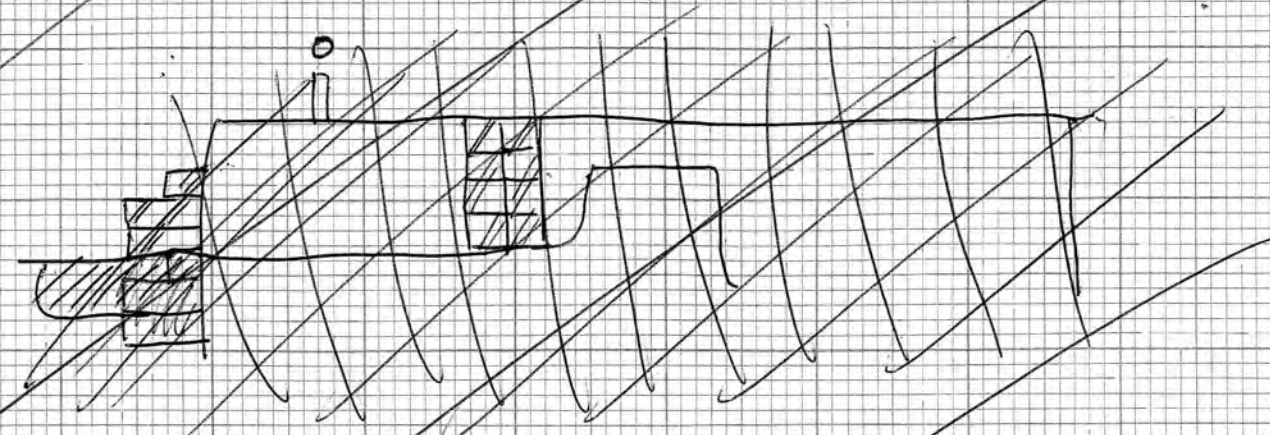
South of F/S Trench

- (61) Dark brown soil + charcoal flecks, Mortar flecks + Sand patches. About 4" thick. [Sketch Page 52] Under (60) but extends to ^{S. limit of} Cellar wall (14). (61) is dumped against Cellar (14). Cut by brick drains. About 4" thick. Contains bricks and piece of tile.

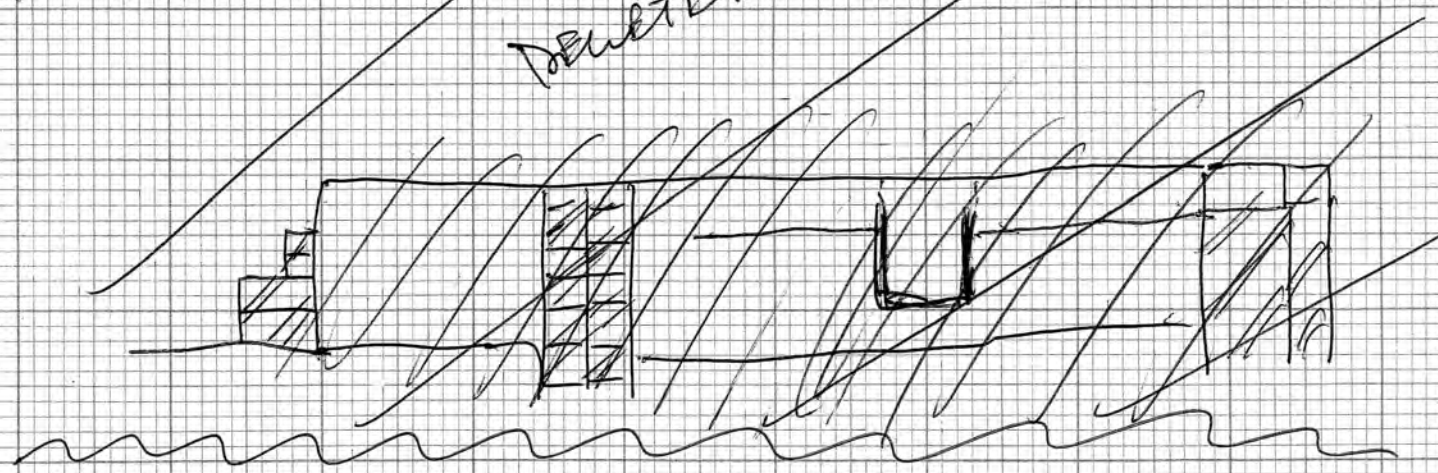
Sounds like dumped construction material from (14), from drain section (opp. page 52) southwards (61) is already exposed after machine work + initial cleaning.

Notes: (61) to (60) = getting nearly N. section from page 52 as far E. as brick wall (14) (to show wall / Cellar relationship + filling for later pages)

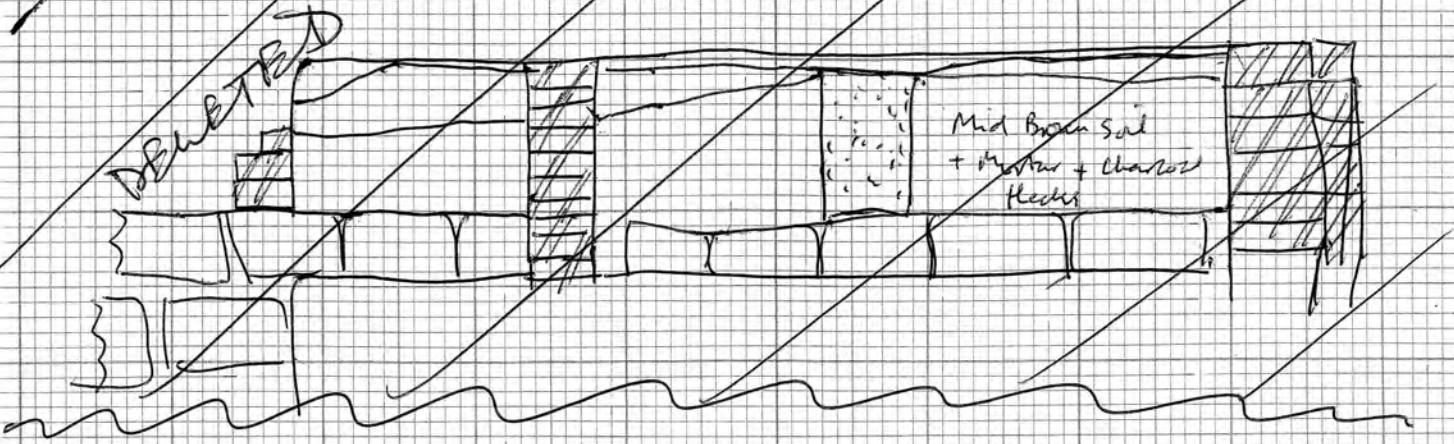
Diagrammatic Sketch Section between Peg 0 and
Brick Wall (4) to the East.

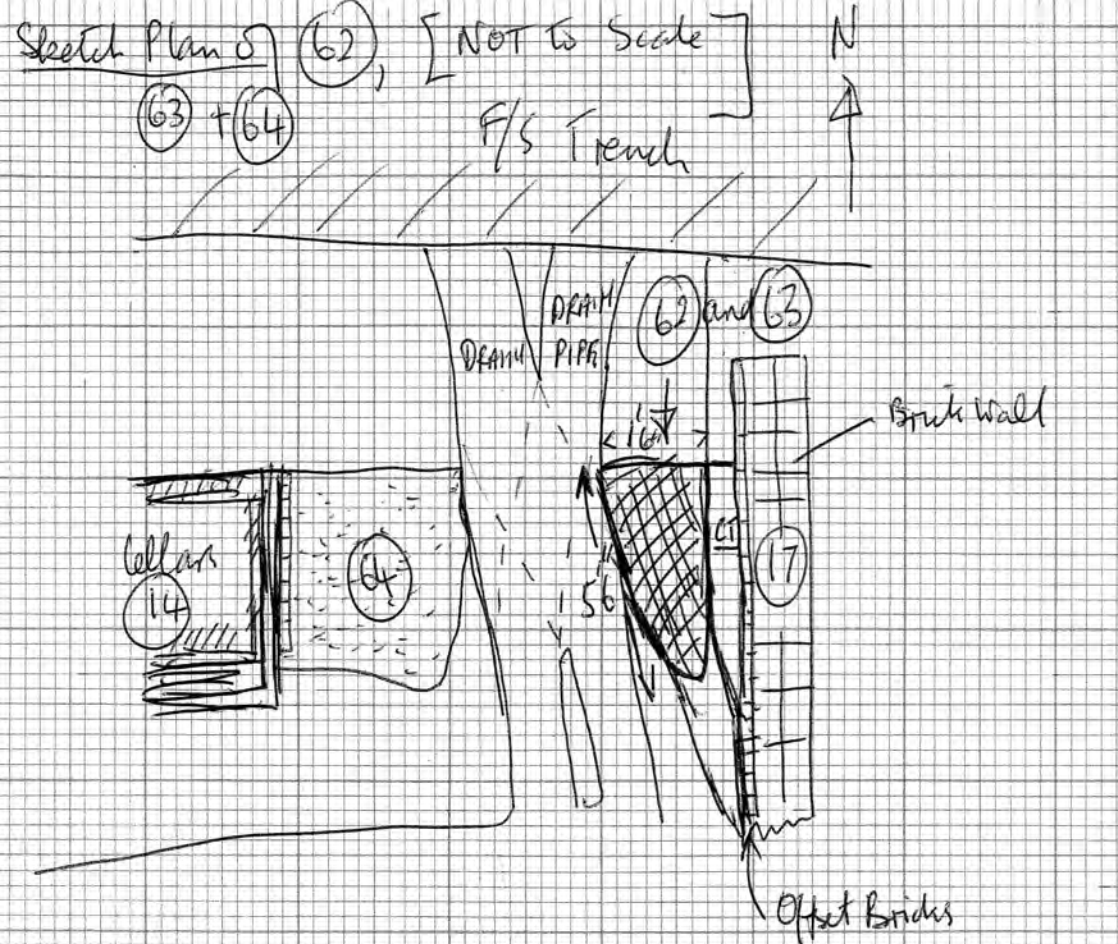


DELETED



Diagrammatic Section between Peg 0 and East to Wall ④





(62) South of F/S Trench. Layer of Dark Brown Soil with Charcoal flecks, Tile flecks, and small pebbles. About 3" thick. Cut by CI for wall (17) to the East. Cut by Drain Trenchel to the West. Similar to (61) (62) exposed after machine work and initial cleaning

Over (63)

(63) Layer of mixed yellow sand and ^{brown soil} ~~material~~ about 2" thick. Covers same area as (62). [Sketch Opposite]

Under (62)
Over (63)

South of F/S Trench. ^{brown soil} Layer of Trampled Yellow sand, brown sand, brick fragments and mortar. Possible construction level for Cellar (14). Mixed brown soil with this layer at edge of Cellar (14) (64) is about 4" thick to 6" thick. Seem to continue under Cellar wall offset. IT DOES CONTINUE - SEE (67)

Under (61)

Nos (65) + (66) are from cutting back the N-section from peg 0 as far E. as brick wall (A) (to show B/S wall - later relationship + tidying for later photos.)

(65) In original N. section - black soil with lumps + clumps of yellow b/s. See page 56 + opposite.

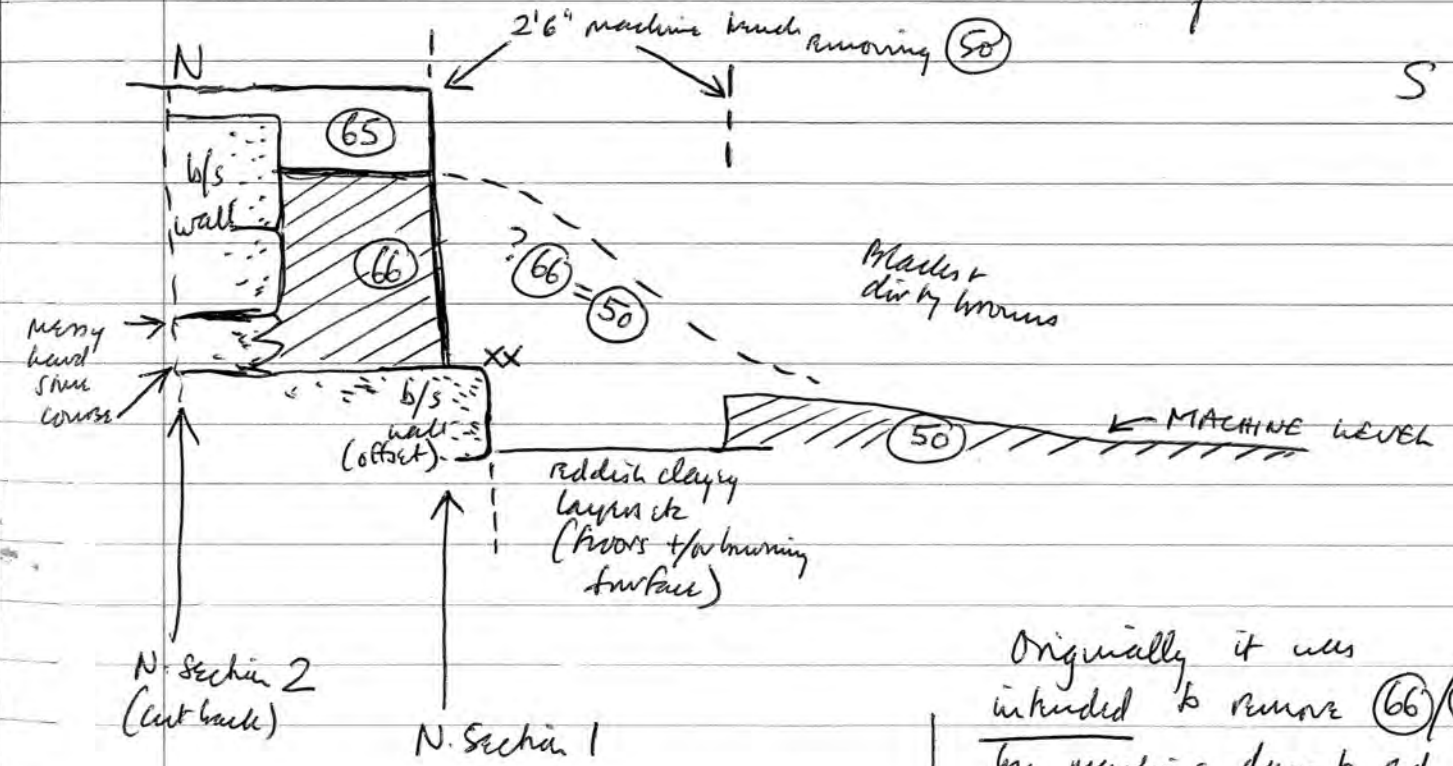
Over (66)
+ see sketches
Pg. 56 +
opposite

(66) the original N-section —
 Silty reddish brown soil with flecks
 of bunker sandstone and white mortar and
 charcoal. Tile fragments. Overlies offset
 of M/S wall and goes up to highest remaining
 base. See sketches page 56 and opposite page
 56.

Under (65)
 and see
 sketches opp.
 pg. 56.
 Possibly
 same as
 layer (50)?

Mining machine excavation (2'6" wide trench
 along N. section in E-W direction to cut straight
 section) this was thought to be a continuation
 of the layer later excavated as (50). Looked similar both
 sides of trench.

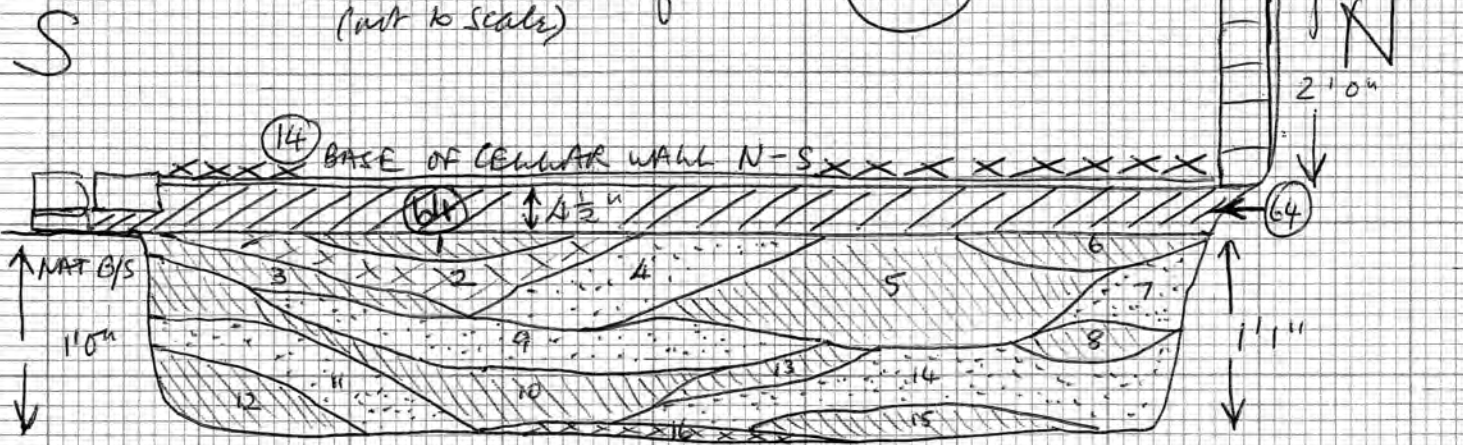
? alternatively (50) not
 = (66) but in fact
 pre-dates the b/s wall.



point XX was thought during machine
 work to be top surviving level of b/s
 wall (cf. the wall W-wards)

Originally it was
 intended to remove (66)/(50)
 by machine, due to red
 clay floors etc. Some (50)
 got left in (whether +
 had machine)

Sketch of section of PIT (67)



1. Dark grey clay/silty
2. Brown organic-coloured silty
3. Dark grey clay/silty with charcoal flecks
4. Mixed mid-grey silty + white sand
5. Sticky dark grey clayey silt with charcoal (particulate)
6. Mid-grey clay/silty
7. Mixed white + grey sand
8. Dark grey clay/silty
9. Mainly white sand - admixture of dark grey clay/silty
10. Dark grey clay silty - sticky texture - ch. cl.
11. White sand with grey streaks
12. Dark grey clay/silty with white sand flecks
13. Mid-grey = white sand mixed with grey silty
14. White sand with grey clay lenses
15. Dark grey silty with sticky clay-like texture. white sand flecks.
16. Brown organic

EXC. AS ONE DEPOSIT

(67)

* The shading indicates deposits of a similar nature. Practically this is the bottom "liquid" of a pit = clayey mudstone plus clean dumps of white sand. Also some organic material. Treated as one deposit as it "groups" in. No clean yellow etc. "sealing" layer.

(67) East of drawn section

(67A) West of drawn section

S. of F/S - just E. of and part under (14)

(67) PIT

Medieval pit of which only the bottom part in natural B/S survives. The rest presumably removed during the construction of cellars / lavatories

(14)

Remaining Surviving layer = all very dark grey, presumably the semi-liquid muck at the pit-bottom. Excavated as one deposit.

See section opposite, drawn N-S along the line of the E. side of (14).

[SEE OVER PAGE FOR NOTE ON REMOVAL OF CELLARS (14) TO EXC. W. HALF OF (67)]

Excavated dimensions

(67A) The W. half of PIT (67), after sketching the section opposite. Excavated as one deposit, as (67).

Excavated dimensions

P.T.O.

The section opposite was drawn along the line of the E. side of (14), after working up to the cellar wall. Cellar then removed to excavate the rest of the pit.

*

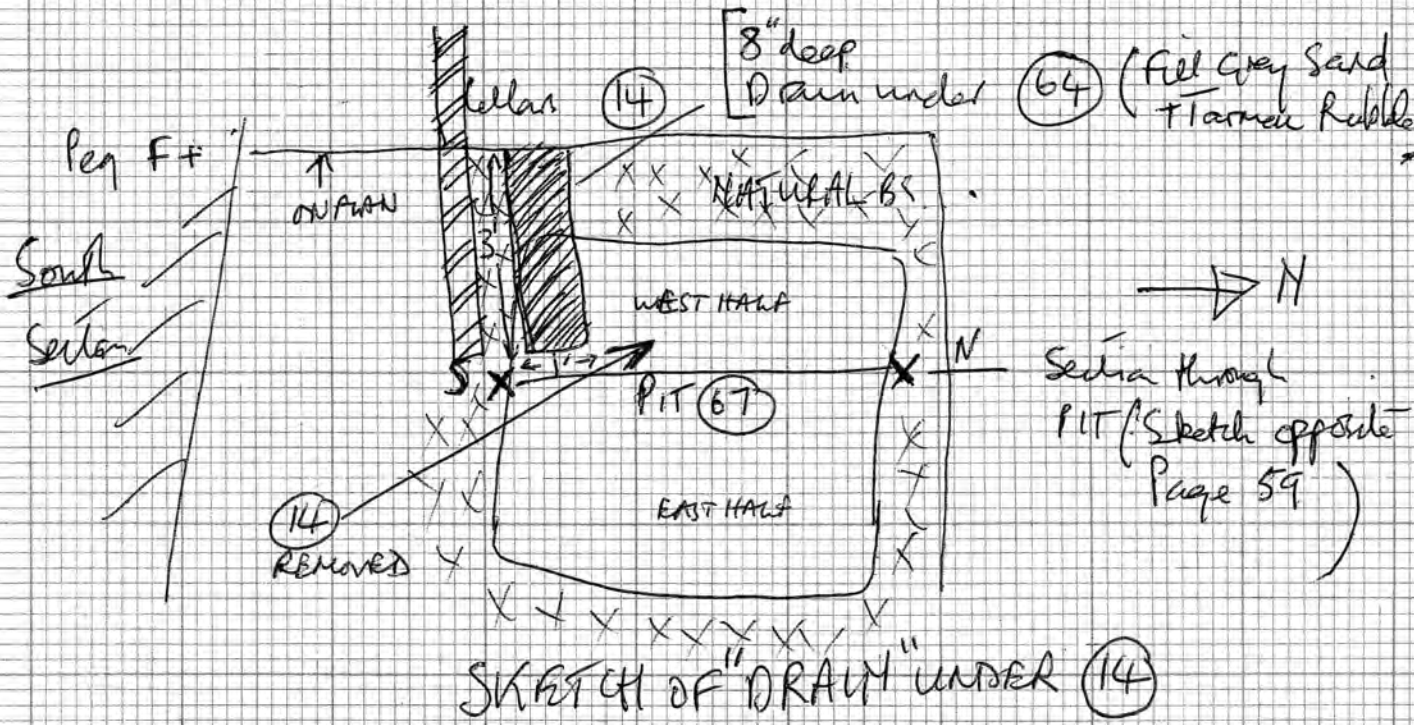
(68)

Refer to Page 44 (SEE BACK)

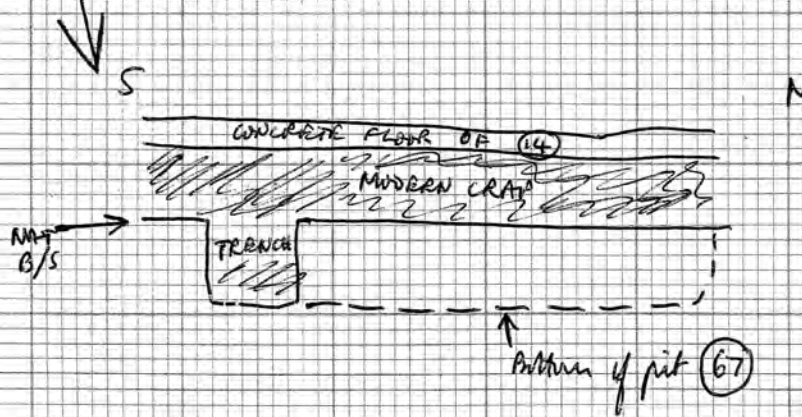
Under (64) into Nat. B/S

REMOVAL OF (14) TO EXC. W. HALF OF (67)

Walls and floor to cellar (14) ^{Removed} ~~excavated~~ W. ^{to} section opposite Peg F to facilitate excavation of Pit (67) completely. (64) continues under cellar floor. After removal of (64) back to section opposite Peg F a "drain" trench shaver.



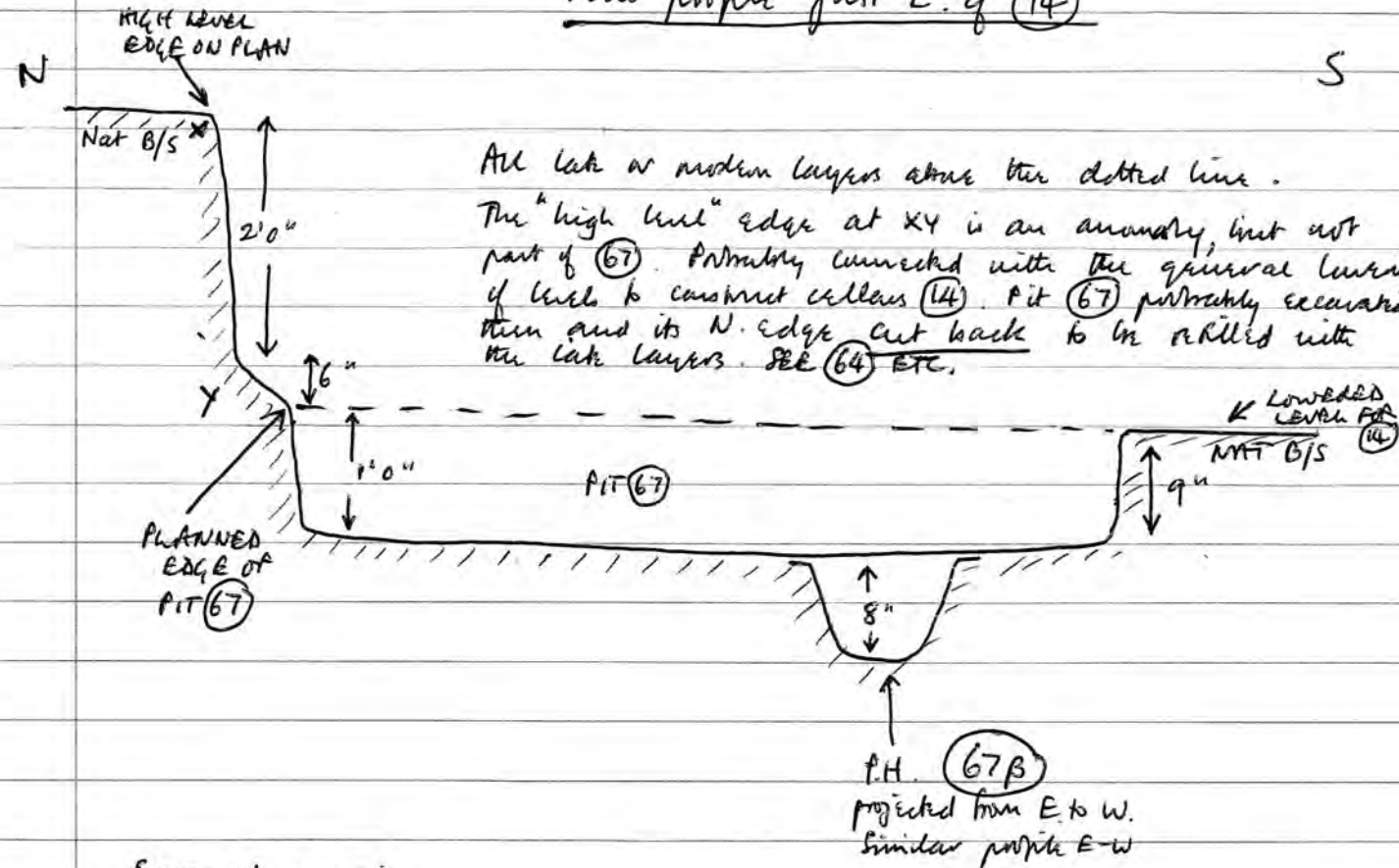
"Drain" trench cuts through pit layers (and through Natural when pit (67) does not exist)



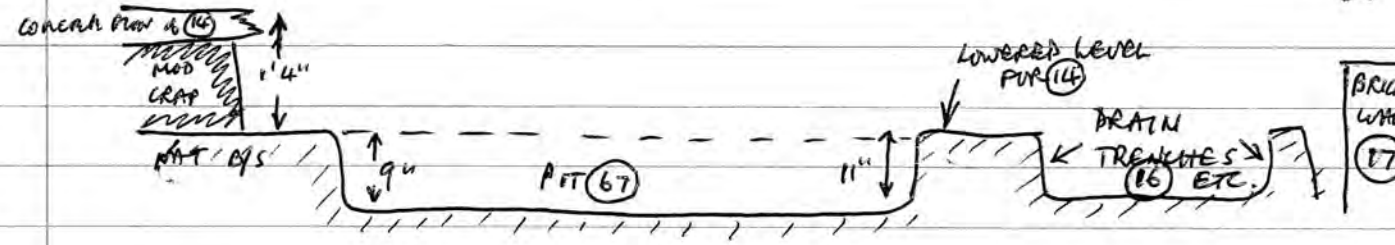
NB. Slight error stains round the sides of (67) but it doesn't look a cesspit, it's not much skinning comparatively.

PIT (67) CONT. (AFTER EXCAVATION)

Profile profile just E. of (14)

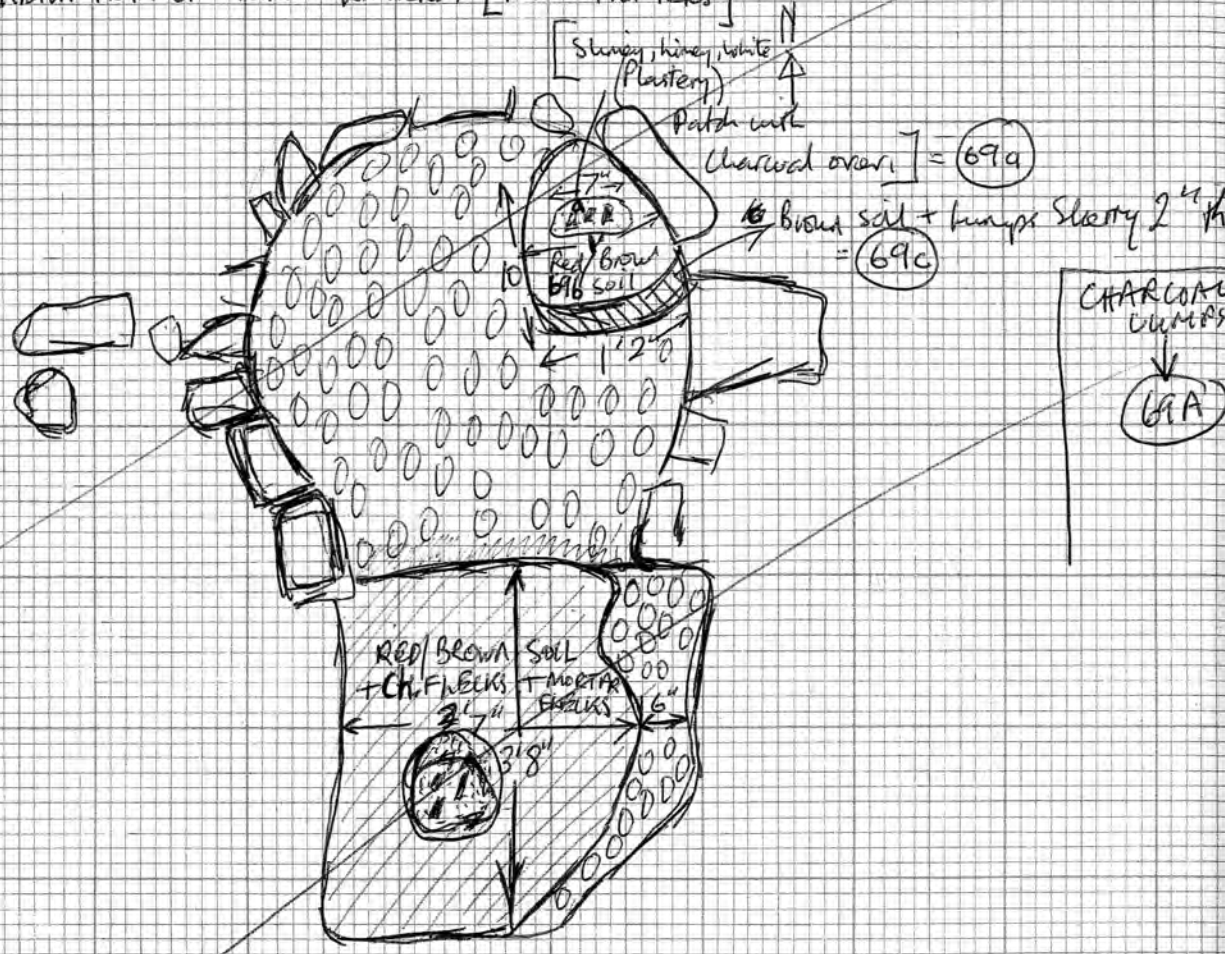


East-West profile
W



(67B) POST-HOLE in the bottom of (67). 9m Natural B/S, filled with pit layers. Must go with PIT (67) at pre-filling stage.

SKETCH PLAN OF KILN LAYERS. [FILLING LAYERS]



[SEE SKETCH OVERLEAF]

? DOES IT PRE-DATE, POST-DATE, OR GO WITH T/B WITH PINKY CHAY FLOOR TO WEST (108) ETC.

61
BUT?
LIME-KILNS

* PROBABLY A BAKING OVEN

F/C = Firing Chamber
S/H = Stoker-hole

(69) KILN N of F/S Trench.

Layers filling kiln (69)

(69A) Patch of White lime material [? Gypsum] in North end of Kiln with NO NUMBER Charcoal lumps over it Under (50) Over (69B)
[Sketch Plan ~~off~~ opp p 62] F/C

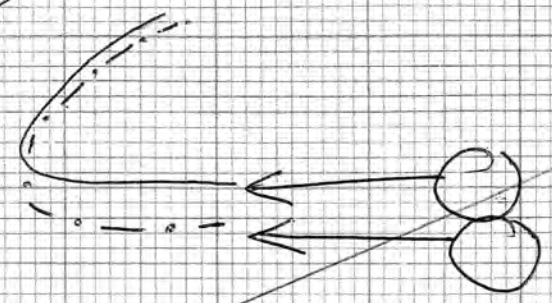
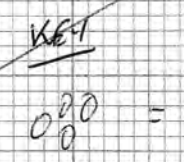
(69B) Red/Brown soil Patch in North end of Kiln (69) with Sherry lumps About 2" thick. [Sketch Plan ^{p 62} Opposite] F/C Under (69A). Under (50) where (69A) does not exist. Over (69C)

(69C) Brown Sandy soil + Sherry lumps in North end of Kiln (69). About 2" thick. Under (69B) F/C Under (69B). Under (50) where (69B) does not exist. Over (69A)

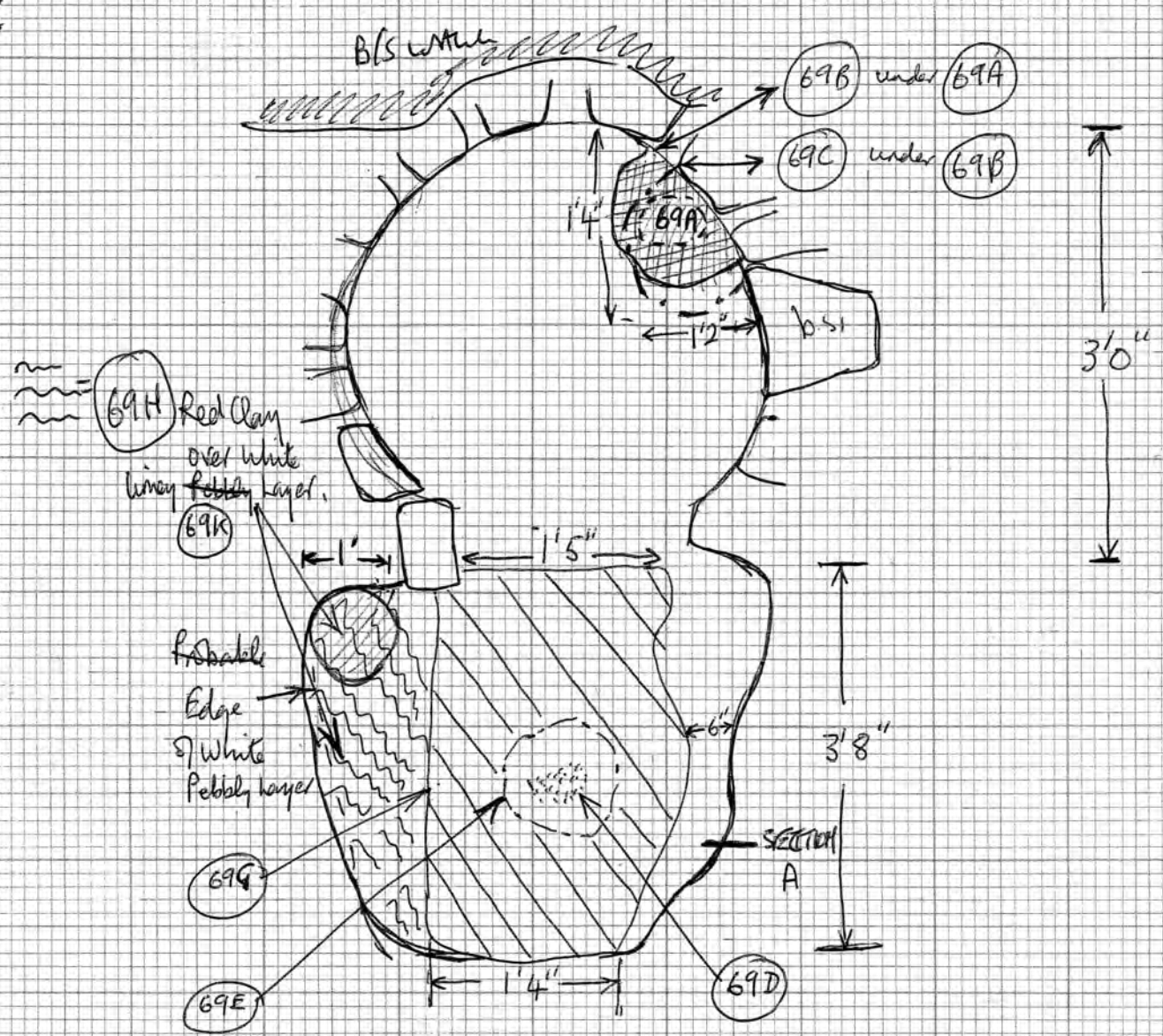
(69D) Patch of Charcoal South End of Kiln over Patch of white lime material (69E) S/H Under (50) Over (69E)

(69E) Patch of White lime material about 1' diameter in South End of Kiln, overlies Red/Brown Soil (69C) S/H Under (69D) Under (50) where (69D) does not exist. Over (69C)

WET
SEE OVER PAGE



Sketch of Kiln (69) [Filling Layers]



(69C) layer of Red/Brown soil with white mortar flecks + Charcoal flecks, in South end of Kiln (69). About 2" thick. Overlies white Pebbly material in Kiln. S/H

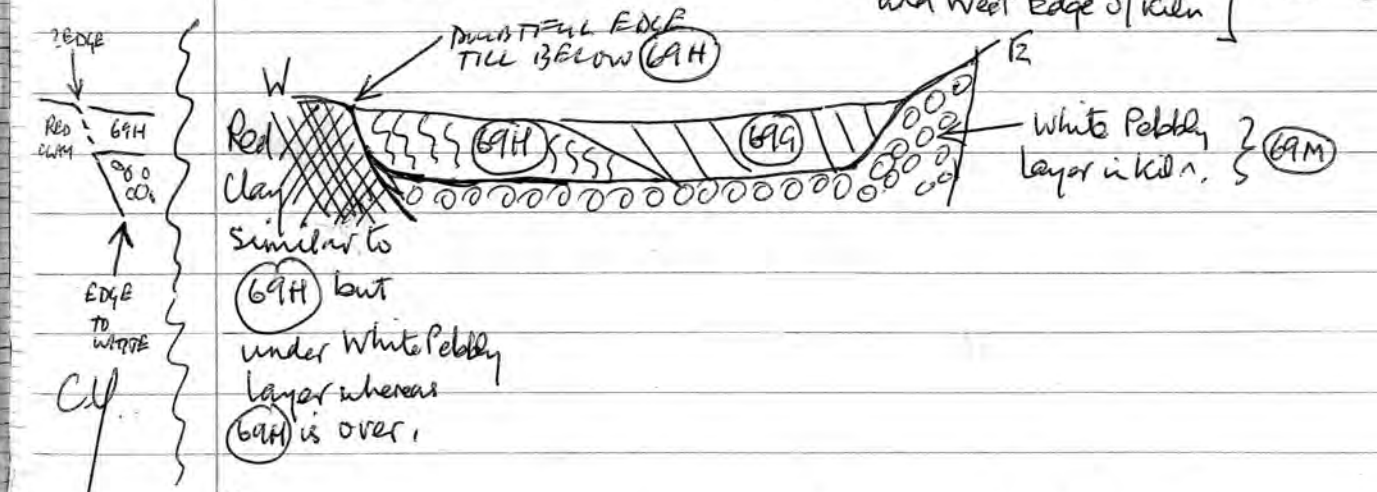
Under (69E).
Under (69) where (69E) does not exist.
Over (69M).
Over (69H).

(69H) layer of Red Clay about 2" thick over white pebbly layer in kiln. Occurs South West area of kiln [SKETCH OPP.] Also overlies white lumpy layer (69K) S/H

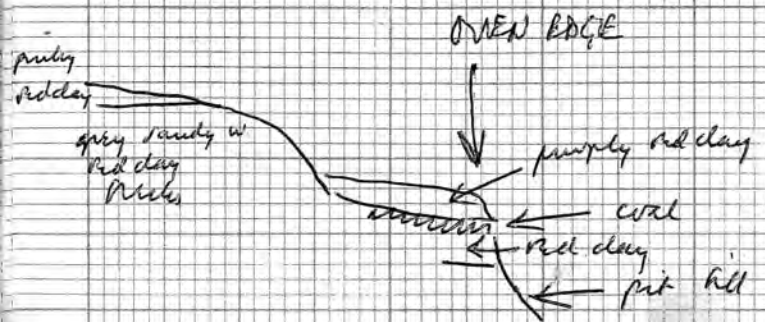
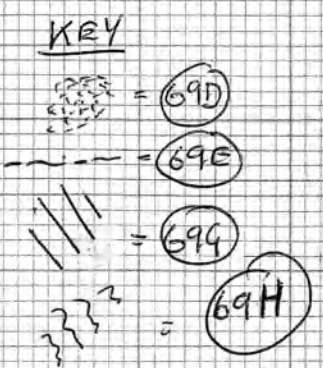
Under (69C)
Under (69) where (69C) does not exist.
Over (69M) + (69H)

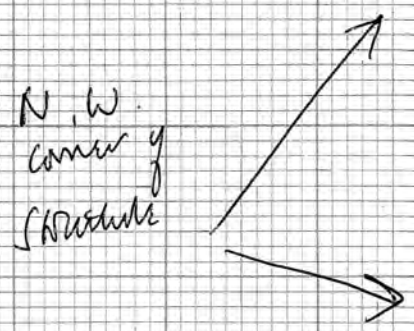
SECTION A

Sketch Section across South End of Kiln [To show junction of (69H) + (69C) and West Edge of Kiln]



* There are therefore two red clays. Only distinguished by the fact that the red clay (69H) overlies white pebbly layer in kiln (69) = FOLLOWING UPWARDS AN EDGE TO WHITE PEBBLY, ASSUMING THEREFORE AN "EDGE" BETWEEN "TWO" SIMILAR RED CLAYS





MAIN RELATIONSHIPS OF (69)

- A. ? Later than B/S wall to North, or earlier than the B/S wall (somewhat ambiguous relationship).
- B. ? Probably later than slot to W. So post-dates the timber structure but re-uses its clay floor as a working area (coal/ash/white shift) ?? possibly could be contemporary < QUITE LIKELY?
- C. Later than large pit/ditch / feature E. of living chamber.
- D. ? Probably contemporary with (95) (96) (98) (99) + possibly (47) [witty??]
- E. Clays with it; white limey shift; coal/ash + ash W. of it and in area of (47)

(69K) Patch of shiny limey white stuff, South end of Kiln (69). About 1" thick [SKETCH P. 62] S/H
 Overlies Brown Sandy, Pebbly layer of same area = (69L) | Under (69H)
 Over (69E)

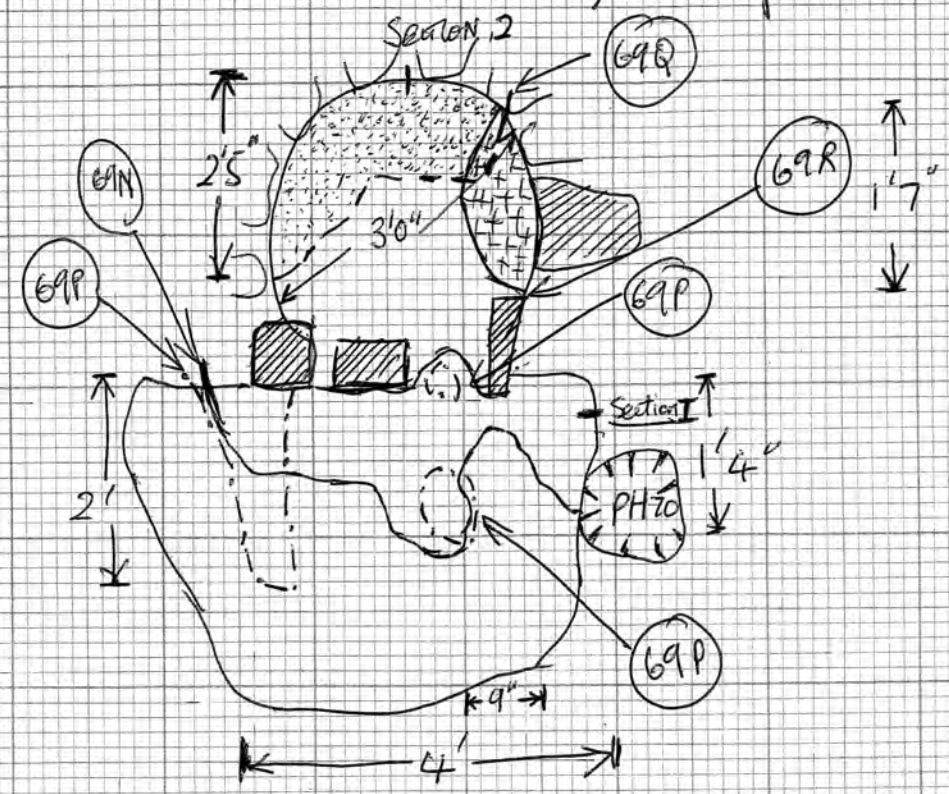
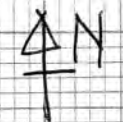
(69L) Layer of Brown sandy with lots of small pebbles. occurs in Kiln (69) covering same area as S/H (69K) and underlying (69K). About 2" thick. Overlies white Pebbly layer in Kiln | Under (69K)
 Over (69M)

(69M) White limey Pebbly layer in Kiln completely fills inside area of Kiln (69) 7"-9" thick in Oven Pit and about 7" thick in centre of SToke hole but fading out at edges of SToke hole. ALL OVER F/C + S/H | Under (69G)
 Under (69H)
 Under (69I) ~~there~~
 Under (69C)
 Under (69B) where (69C) does not exist.
 Under (50) where 69B, C, G, H, I don't exist.

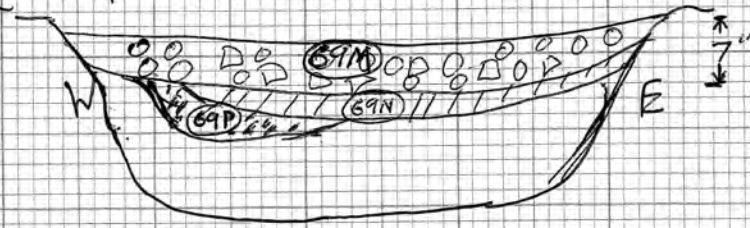
Aug 1976

* In (69M) there's a small group of pottery which dates c. 1300 to 1350 (plus?) (same date as H (173C), P.H.)
 Contains early Midland purple and "painted" jug rims

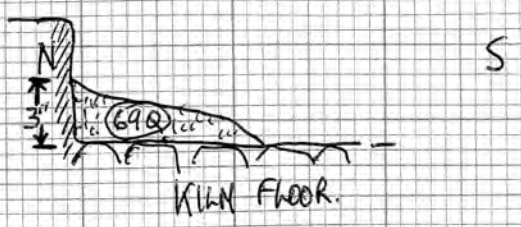
Layers Filling Kiln (69) (cont'd)



I
(DIAGR.) SKETCH SECTION ACROSS STAKE HOLE



2
SKETCH SECTION OF ASH (69Q)

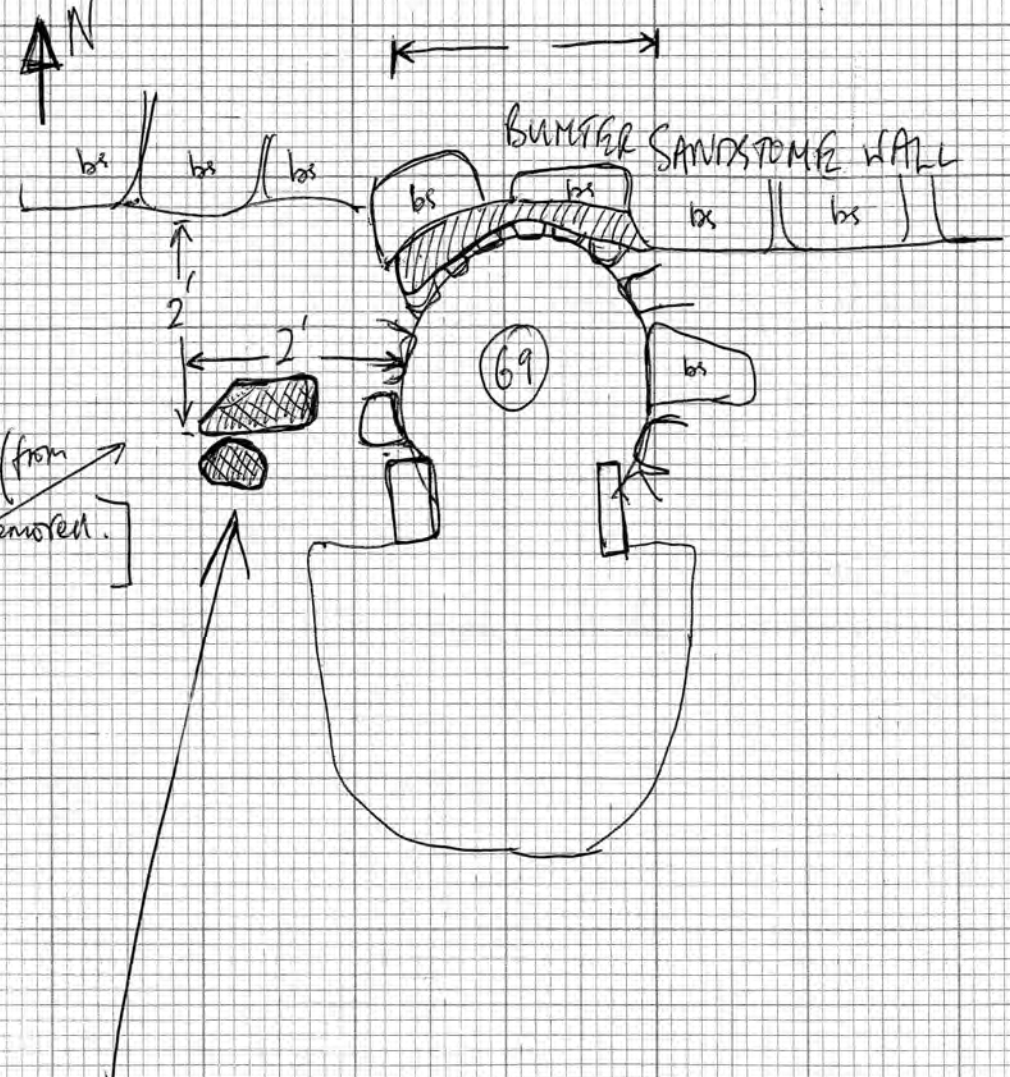


- Key
- (69N)
 - - - (69P)
 - - - (69Q)
 - xx (69R)

(69N) Red/Brown Sandy clay in South end of Kiln (69).
 About 2" thick. [See sketch opposite].
 Overlies? Unscarred in Stake Hole.
 Contains lumps of Gypsum. Slopes upwards at East edge of Stake Hole. S/H

(69P) Layer of ? Coal + Ash in Stake hole of Kiln (69).
 About 4" thick where it occurs on W side of Stake Hole [Sketch opposite] and about 1" thick on E side.
 EARLIER PIT/NATURAL - LIGHTLY BURNT

(69R) Layer of Ash + Coal/Unscarred in Oven Pit of Kiln (69). Possibly same as (69P) but not joined so given separate number. (69Q) has more ash mixed with it than (69P) About 2" thick except at edge of Oven pit where it slopes up to thickness of about 3". Overlies burnt clay + Stone floor of pit. Fades out towards centre of oven pit. F/C



DO THESE GO
WITH (107) / (108) ??
NOT WITH (69) ?
VERY DEEP SET.

W64
III = (695)

(69R)

Burnt clay in Oven pit of (69). Occur East side of Oven pit over floor of oven. Colours — Orange Green/gray, Purple etc, layer is 2" - 3" thick. [See sketch opp page (64)]. F/C

*SAMPLES TAKEN OF (69R).

Under (69Q).
Under (69M) where (69Q) does not exist.

(69S)

^{Red} Brown clay soil with charred flecks, bits of gypsum. Over stones of kiln at North end of Oven pit to (69). About 3" thick. [SKETCH PLAN OPP.] Upto Sandstone Wall.

Under (50)

* The stratification + stratification chart suggests the possibility of the oven being filled before the deposition of ch.c./coal → white lime → brown soil which occur inside the kiln & were thought to be contemporary with its use.

Also (69H) = clay (over coal) immediately W. of the oven.

Suggest it could be contemporary with pink clay floor + T/B. The crucible pit was the level of (69M) in relation to clay/coal inside which was mined during excavation.

P.T.O

69T WEST WALL OF OVEN (69)

Samples of Tiles, Stone, and "burnt clay" taken from West Wall.

69U FLOOR OF OVEN (69)

Samples of Stone, Alt Tiles, + Burnt Material between Tiles, taken, from West Side of Floor.

Samples of Stone, Alt Tiles + Burnt Material under Tiles taken from East Side of Floor.

69V EAST WALL OF OVEN (69)

Samples of Stone, Burnt Clay,

SEE DRAWN SECTION.

69W BURNT SAND UNDER FLOOR (69U) - [DITCH NUMBERS]

SAMPLED FOR TEMPERATURE.

WHEN DITCH IS EXCAVATED A SAMPLE OF BROWN SAND WILL BE NECESSARY FOR COMPARISON.

C.F.

SOME GENERAL NOTES ON (69) (OVEN)

[Filling excavated / or cleaned + photographed / features excavated + photographed - any surrounding layers with or USE not yet excavated - prior to excavation of the latter down to floors / construction levels and prior to sectioning and dismantling the oven]

I. It looks as though stratigraphically the oven could well go with features (95) (96) (98) (99) (100) and possibly with feature (47) as (96) (98) (99) appear to radiate from it. Possibly then from some sort of shed? or a windbreak? Several plans?

Considering the stratification, possibly something stood in (47) which was still there during the deposition of layer (50). Perhaps this was some kind of water-barrel or other container, perhaps for firing material or for whatever was being put in the kiln/oven.

(96) (98) (99) perhaps held water fumes. However, it would be worth checking for parallels of features associated with ovens/kilns.

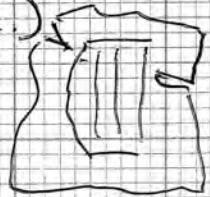
II. Samples of (69P) + (69Q). These should indicate whether the oven was fired with coal or charcoal. Difficult to tell during excavation; but layers in the area of the oven appear to be coal, though these are not necessarily associated with it.

III. There is very little indication of what it was used

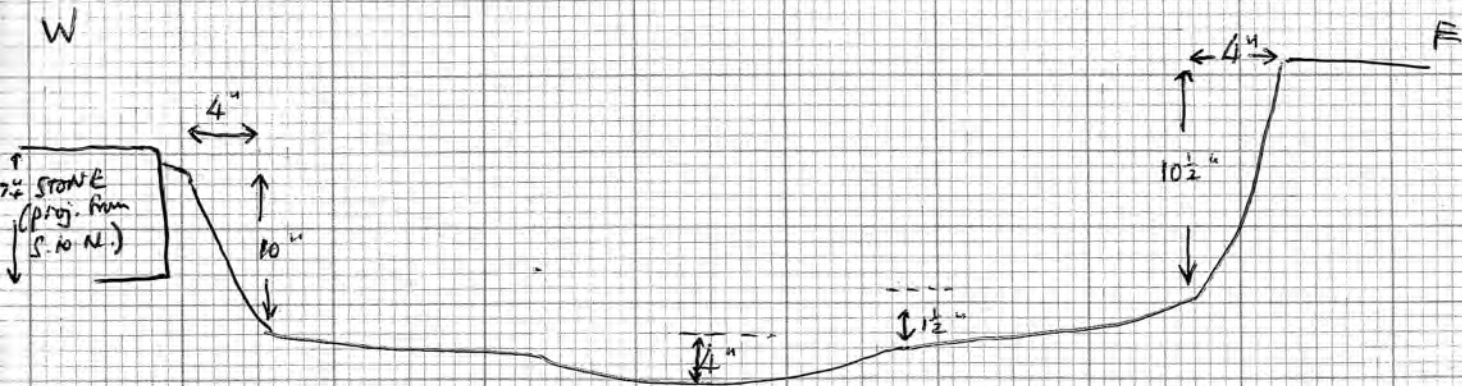
(69X) Construction Trench for Firing Chamber of (69).

Filling — red clay (eyeballed), some bits of slurry, gypsum blocks and bits, and chunks of gypsum plaster.

on W. side gypsum/alabaster blocks set in courses by oven fire (see photo + sketch.) Two of these have incised covering.



CENTRAL E-W PROFILE OF FIRING CHAMBER / C.T. OF (69) WHEN FULLY EXCAVATED — (sketch)



* N/S profile is a drawn section. Also profiles of structures.

BAKING OVEN (eg. BREAD)

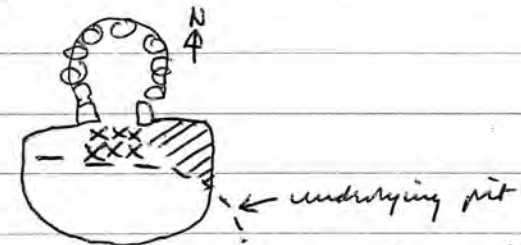
for. No substantial deposits of slag, so presumably not for industrial use. The white deposit (69M) appears to be some sort of industrial waste but as this is a deliberate filling post-dating the actual use of the oven, it is not necessarily associated with it. What is (69M)? (SAMPLE). From lime-burning? [NB lime can be fired to make shure and to make mortar and is a waste product from several industrial processes.]

N THE OVEN CONSTRUCTION (prior to details from dismantling)

The stone-like — this is a very simple affair with no stone construction, just a shallow pit in the ground ~~located~~ adjacent to the fire/firing chamber (see plan + section). It contains only a light deposit of coal/charcoal and ash. There is not much burning in situ, with the charcoal etc. directly over the filling of a large underlying pit.

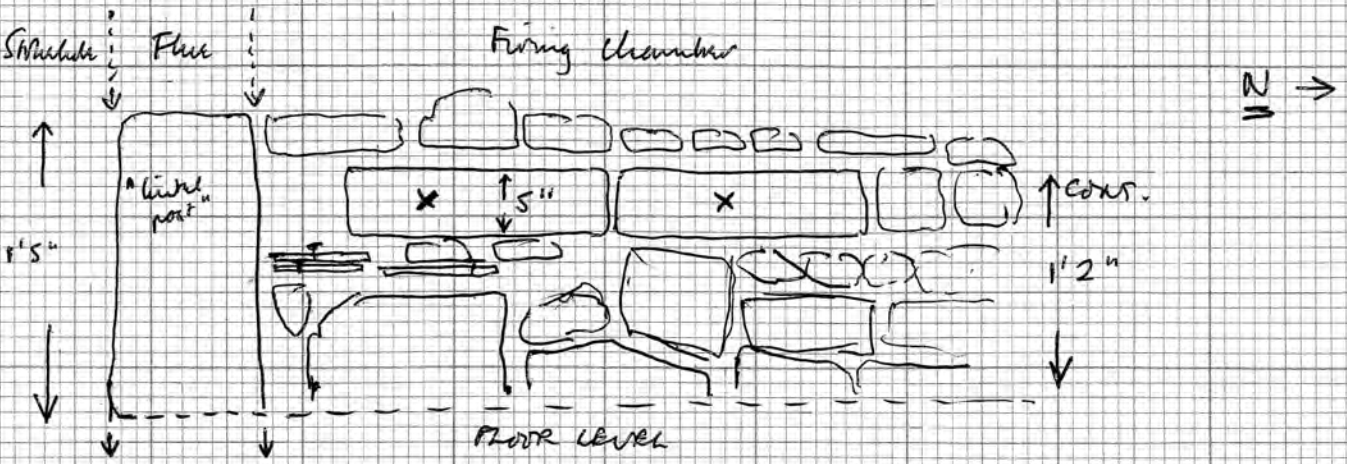
At one point only,

sketch, underlying natural shales through

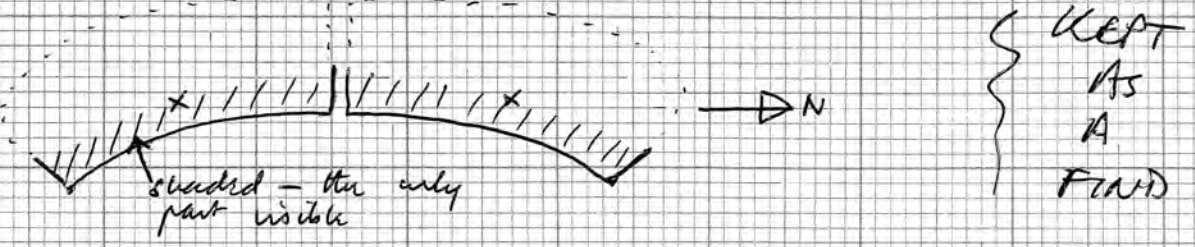


at the side of the pit. This ~~is~~ has been lightly burnt to form a 1/2" thick deposit of pinky-orange sand [unfortunately removed during cleaning so no sample]. At xxx there is lightly burnt clay (? pit filling) of a purply brown colour.

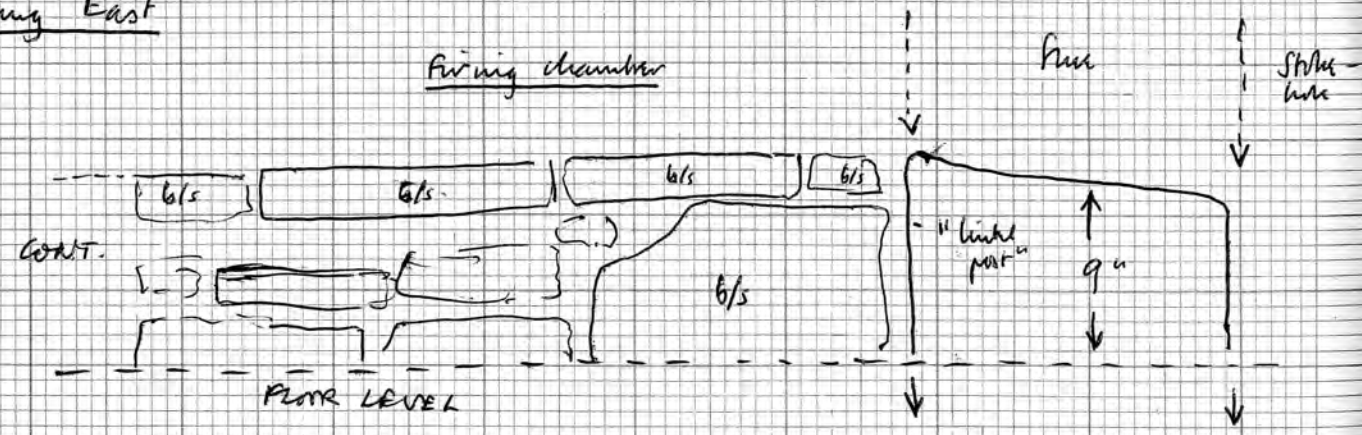
Stone structure looking West. (expanded drawing)



THE STONES XX ARE TWO LARGE "CURVED" BLOCKS AND POSSIBLY RE-USED



Looking East



The flue very short, and integrated with the firing chamber.

No sign of any arrangement for down-draught. So, must be an updraught furnace. Quite likely it's an average beehive-shaped baking oven.

The firing chamber

No stratigraphical indication of there having been a clay dome (under 69R?) but presumably it had one or alternatively a stone-built dome (to ~~the~~ wit, the loose stones to the W.). Also, only light deposits of coal/charcoal and ash.

The stone structure

This is quite well constructed. There are no large stones (like "link-pots" - compare these with the post-holes in previously excavated ovens/holes) adjacent to the structure, forming the flue / entrance to the firing-chamber. There have been placed upright - see photos, plan, and sketches, opposite.

The chamber is constructed of a variety of stones, mostly undressed except for XX, with occasional tiles as bedding course. Brink sandstone, sherry, hard reddish sandstone, and a light brown, hard, ? sandstone. The good quality stone has been used for the "link pots" of the flue. The whole has been bonded with clay which has become bright orange and powdery during the firing.

* Consider that the white waste in (69) is not connected at all with the waste of (69) but is in fact waste from s.th. else.

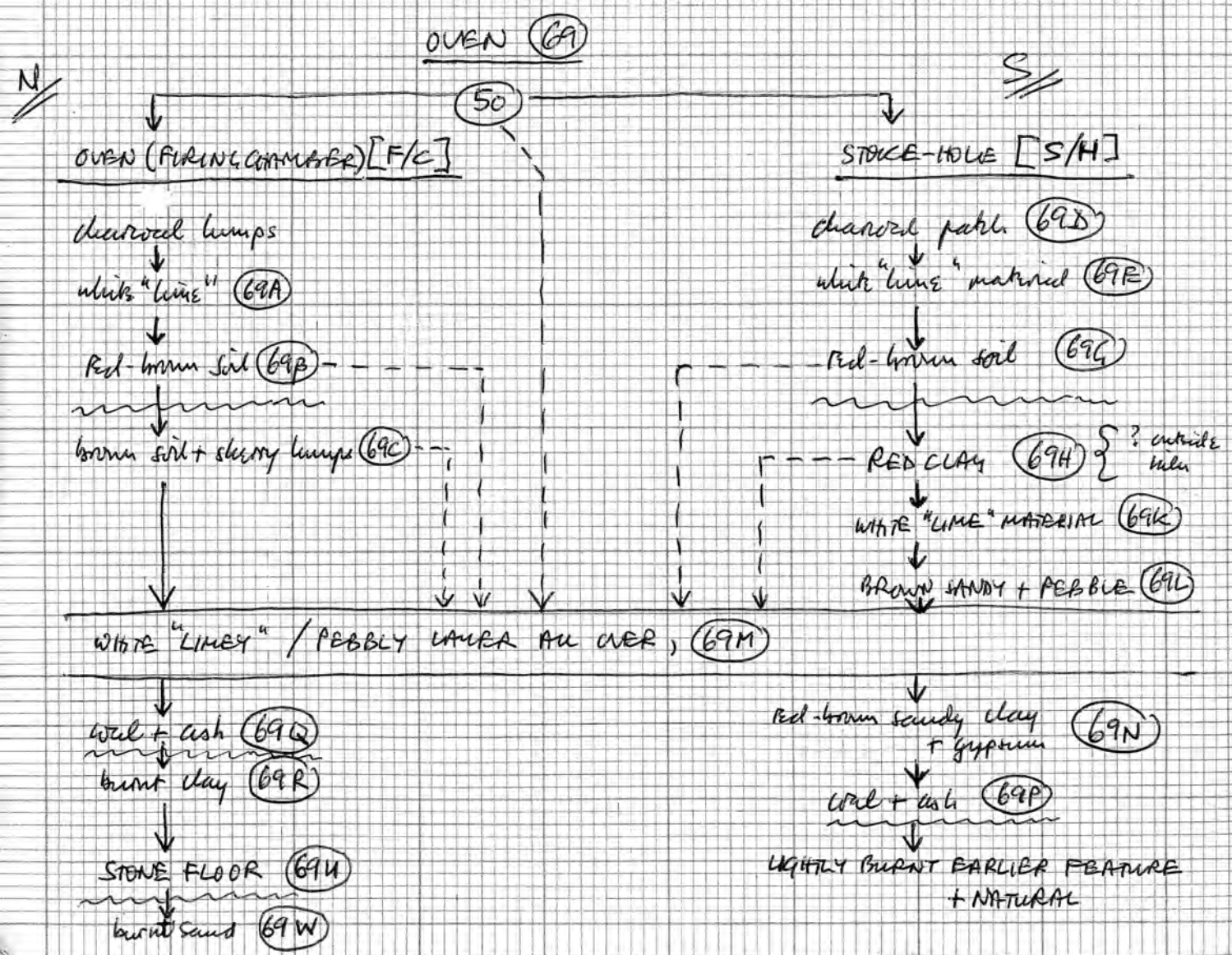
Could it in fact be from constructing or destroying T.B.'s? The in-fill of T.B. pounds can in fact be lime which is put on in several wags, with pebbles, until it's about 4" thick on a hemian base. cf. Seasons (See Thornton Trans report on Seasons)

The top course of planned stones on the E. side show signs of burning to a light orange colour about 5" back from firing chamber. On the W. side the top stones have burnt reddish-orange right through. The "down-pots" show little sign of burning at all. SEE PHOTOS.

The floor This appears to have been constructed after the sides, i.e. stones placed to fit — though it could be the other way round!! The section through should indicate later. All the floor is burnt orange/black. ~~Constructed~~ NVR heavily burnt, as the stone-work has not decomposed.

- Constructed of two sorts of material —
 - A. Unburned slippy, irregular shapes, placed flat.
 - B. Patches of tiles, placed vertically.
- Banded with clay which has decomposed to bright orange or pink sandy material during firing.

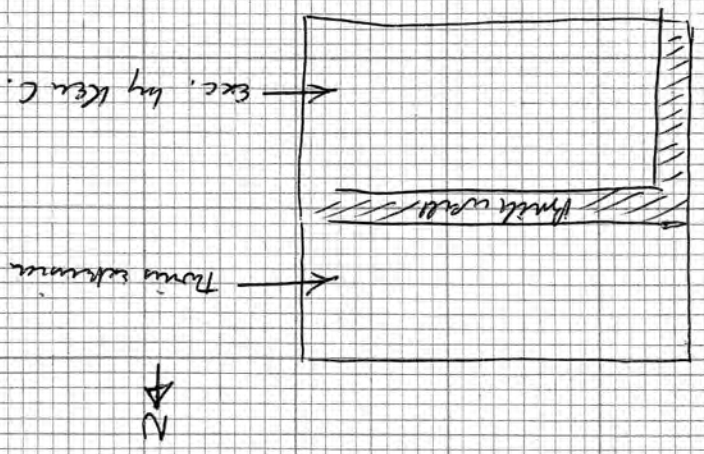
*? POST-DATES THE B/S WALL, OR PRE-DATES THE B/S WALL — SOMEWHAT AMBIGUOUS RELATIONSHIP. (I think it is likely to pre-date the B/S wall)



END OF NOTEBOOK 1

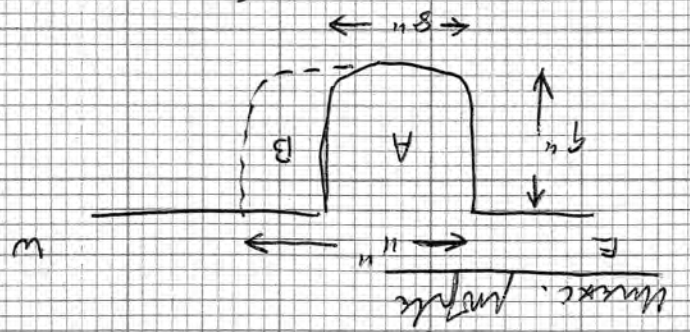
Van Clappert's Term. 3/3/73

The main beam pair started extending RC's north.
 presumably it was a small square with a brick wall
 on the N side, and a brick wall on the W side.



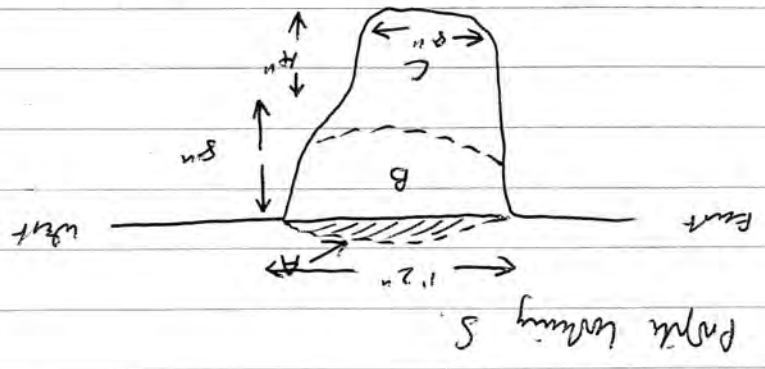
The lengths in this structure (referred to as lengths on FG/KC) do follow...
 ① Brick fit (top-side/structure). From 2" to 6"; depends on N+E.
 ② Under ①. Length of wall + wall-dirt, with some brick
 on one side. The other brick wall probably in place.

VII only shows it side of F-5 trench + about 3" back from it

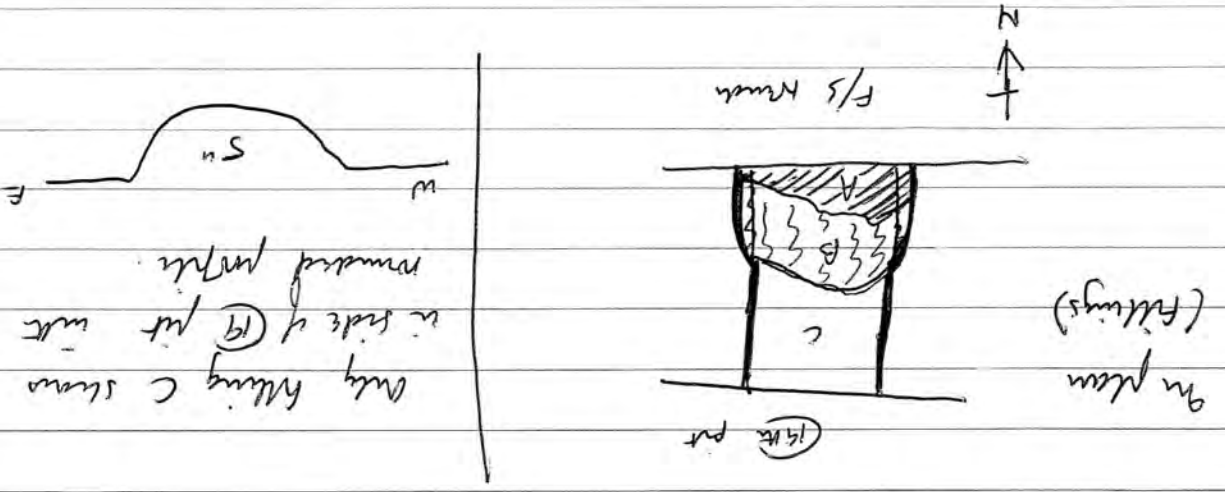


Filling - A = mixed mid-brown soil and yellow sand
 in lumps. Evidently distributed small pieces of
 ch. cl. - some pieces of brownish red clay - mainly
 B = redspotted natural yellow sand. Dirty -
 with the stream of soil in the trench
 W of it. Post-pit (REAR)

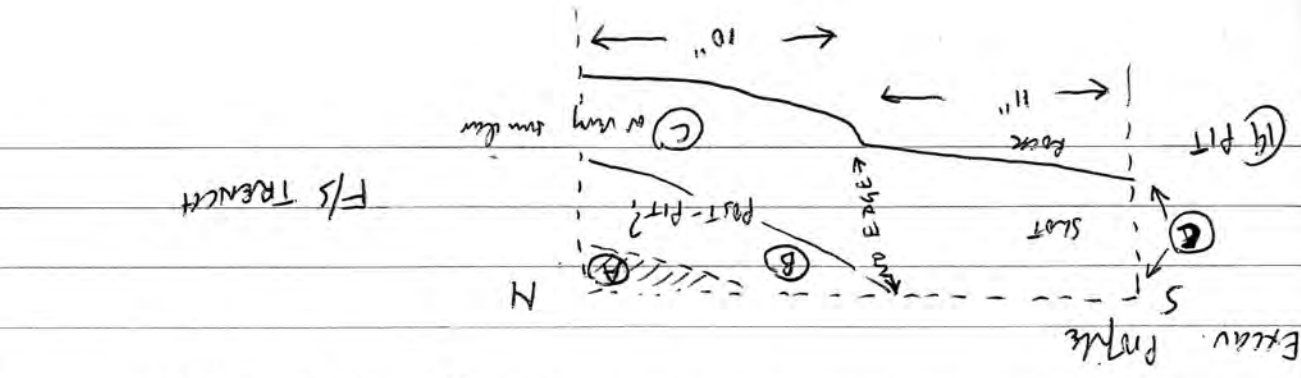
Filling A - rd-brown soil with pieces of ch. cl. - probably
 subsidence. Similar to layer on B-5 wall.
 B - yellow sand = silt or redspotted natural
 C - yellow-brown sand. Few ch. cl. pieces.



VI when excavated -
 when like slot + F-5



AS IN PLAN, LAYERS A-B-C CONTINUE THROUGH FROM S TO N. IN SECTION

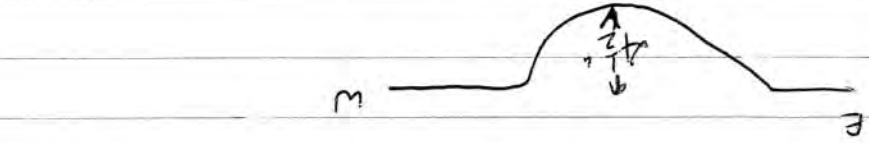


II - square PH.

Filling - mixed yellow & brown v. sandy. Fairly spread my notes of charcoal. Few small lumps of silty & silty notes.
 Notes of red clay and traces of bright reddish-orange bent clay, particularly towards the bottom.
 Strata of yellow 6-5.

Surviving sides vertical. Flatish bottom. Probably square post originally.
 Surviving depth 11" up to present surface of natural.

Surviving dimensions at least 8" E-W x 8" N-S - E+5 edges obliterated by pits.

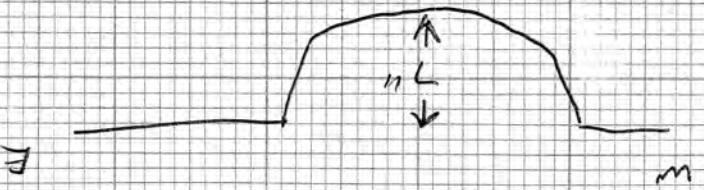


III
 Very shallow & probably much like feature.
 Filling, bluish soil with large notes of red clay and small notes of charcoal.
 Filling worked mainly to N on it slopes from S & N

IV

1 1/2" deep from present natural surface. dump of 6-5 in the top

Filling similar to part II but with smaller proportion of clay & burnt clay.
 Silty silty surviving sides & rounded bottom. Remains in place.

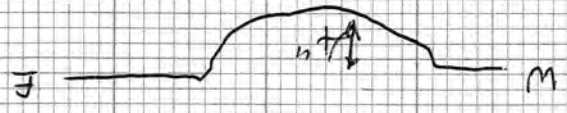


South side obliterated by 19th pit

V

Probably a something but very shallow. reddish soil extending into top.

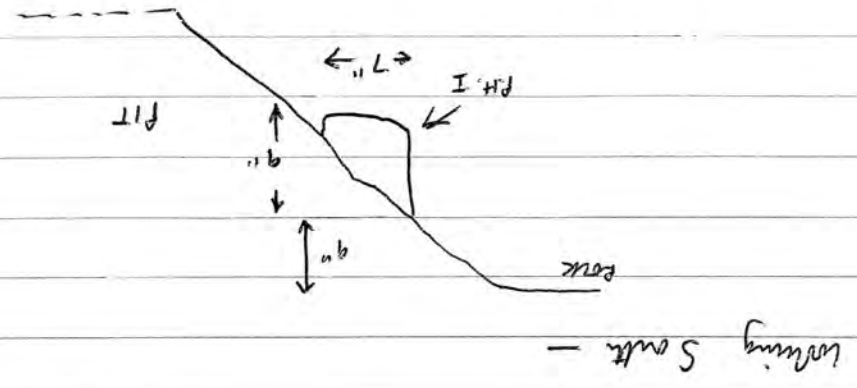
2 small silty lumps in NW corner. Very rounded profile, rounded plan. Filling - yellow-brown v. sandy. Strata of yellow 6-5. obliterated sides.



Excavator photographed in early stages in case of ventilation —
 Section had already been killed in.
 Need to go on main plan and be given reference
 numbers in segments.

Note of the following portions was sketch taken —
 all post holes in natural rock after removal of
 mud. Work into etc. (machine & cleaning up.)

I
 part part of a P.H. surrounding on side of F/S level. Also
 fairly distributed on W side by large (19) pit.



Filling — mud-brown v. sandy soil. Few small pieces of chert.
 Some marks of stony. Few streaks of red-colored material b/s.

