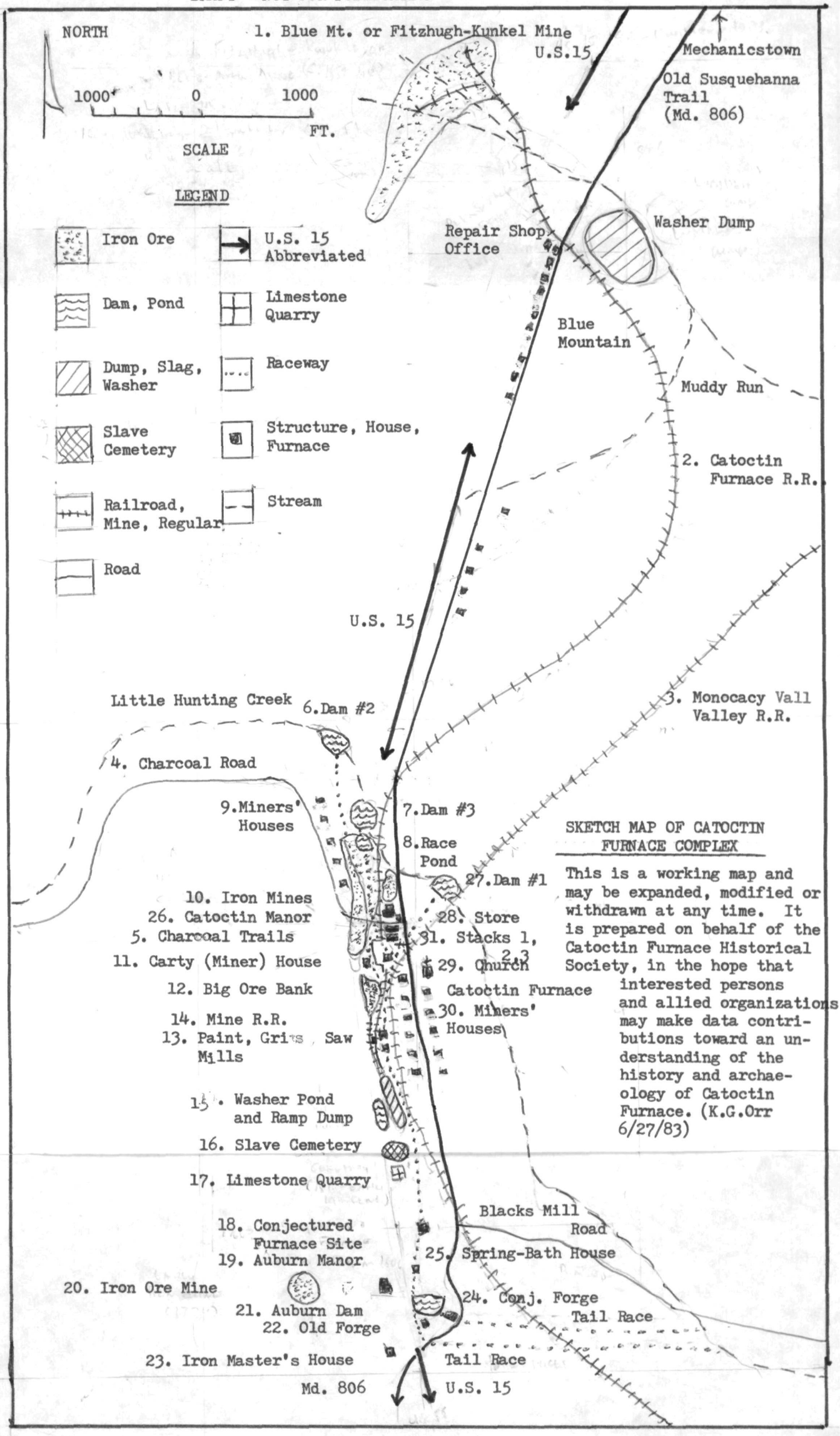
DRAFT - NOT FOR PUBLICATION



SKETCH MAP OF CATOCTIN FURNACE COMPLEX

This is a working map and may be expanded, modified or withdrawn at any time. It is prepared on behalf of the Catoctin Furnace Historical Society, in the hope that interested persons and allied organizations may make data contributions toward an understanding of the history and archaeology of Catoctin Furnace. (K.G.Orr 6/27/83)

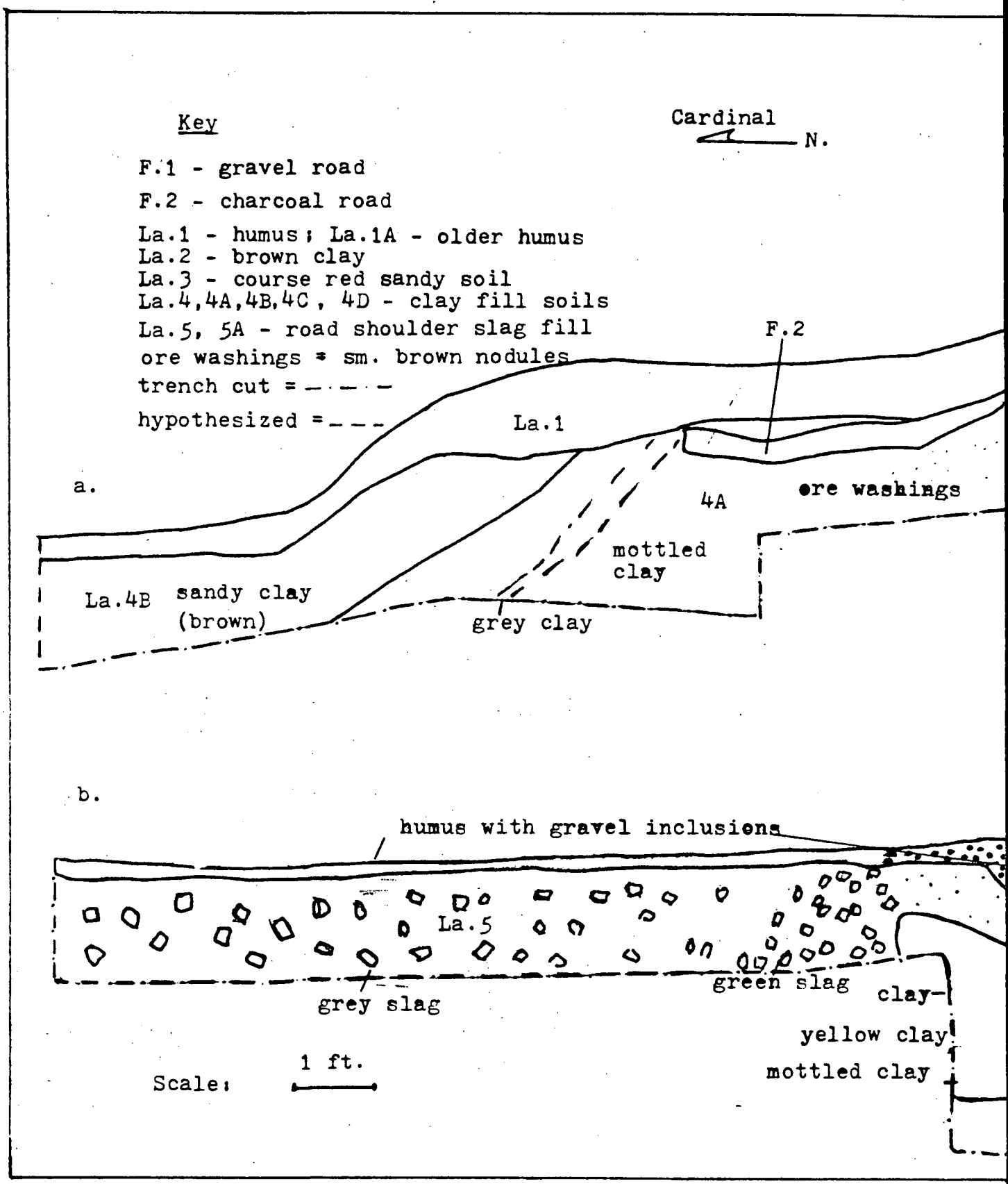
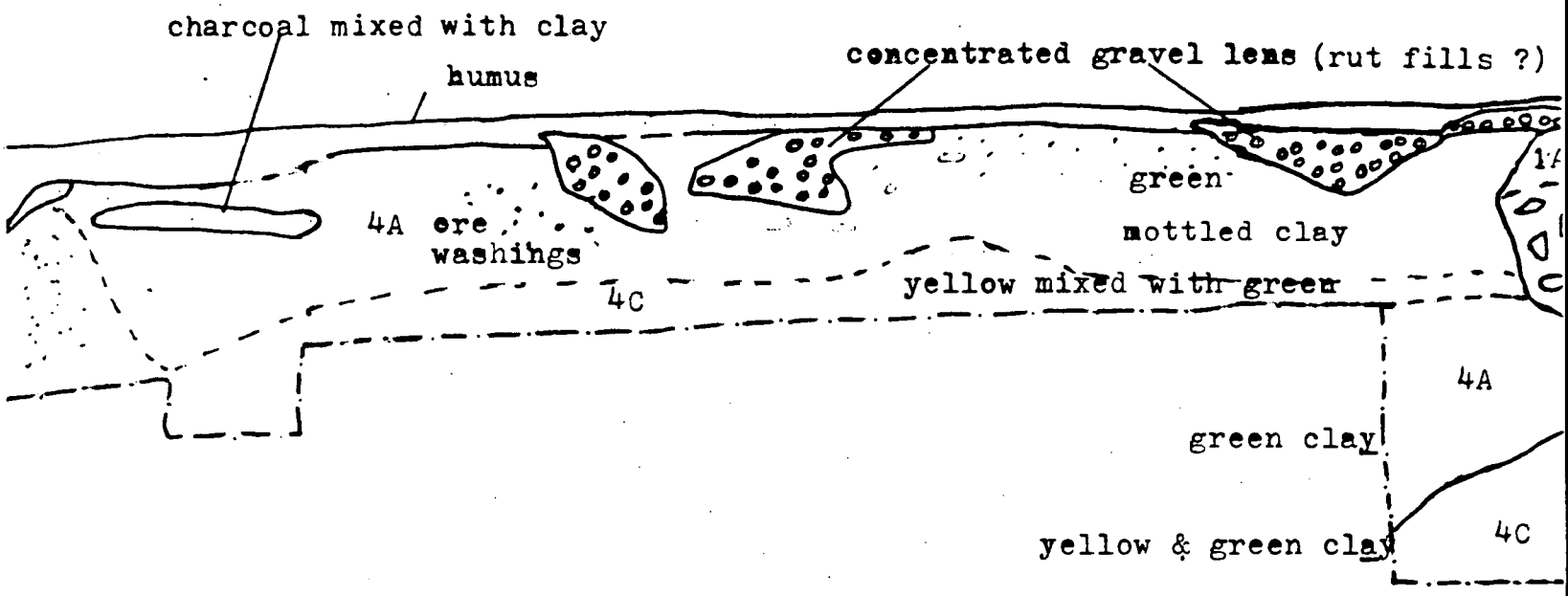
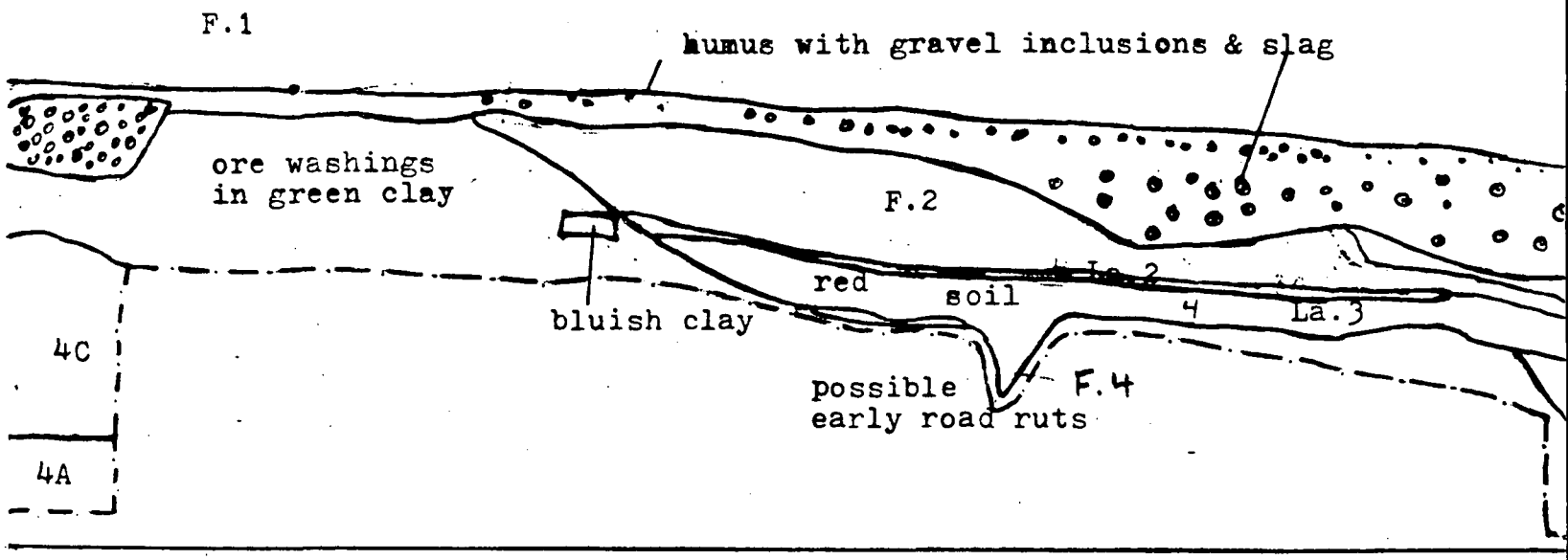
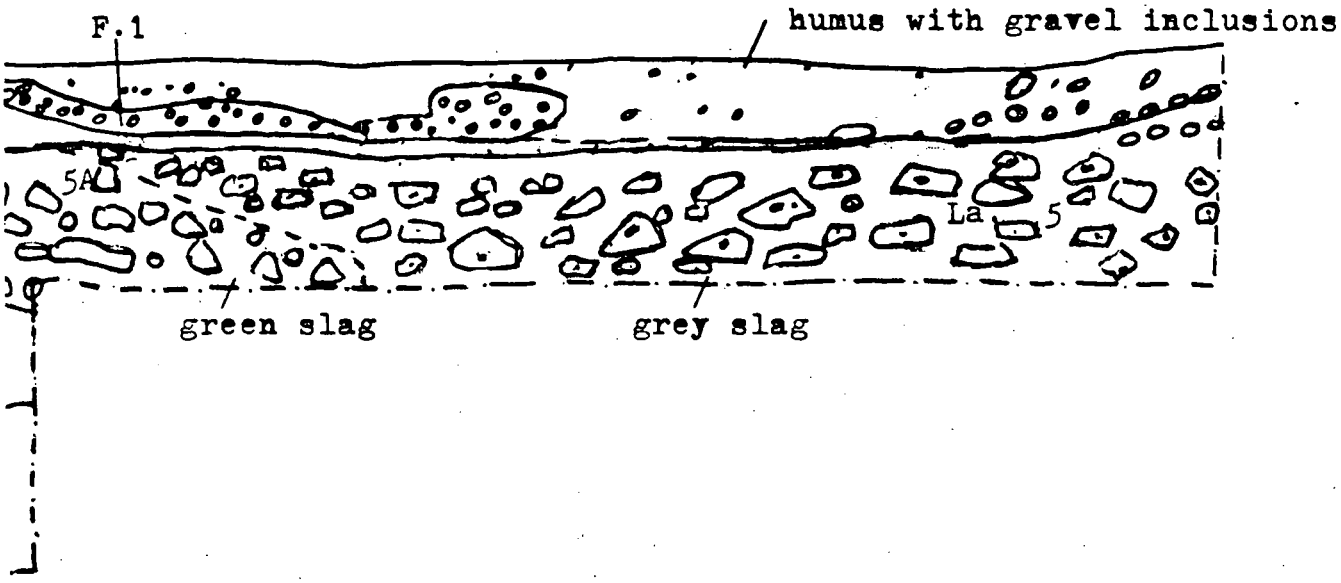
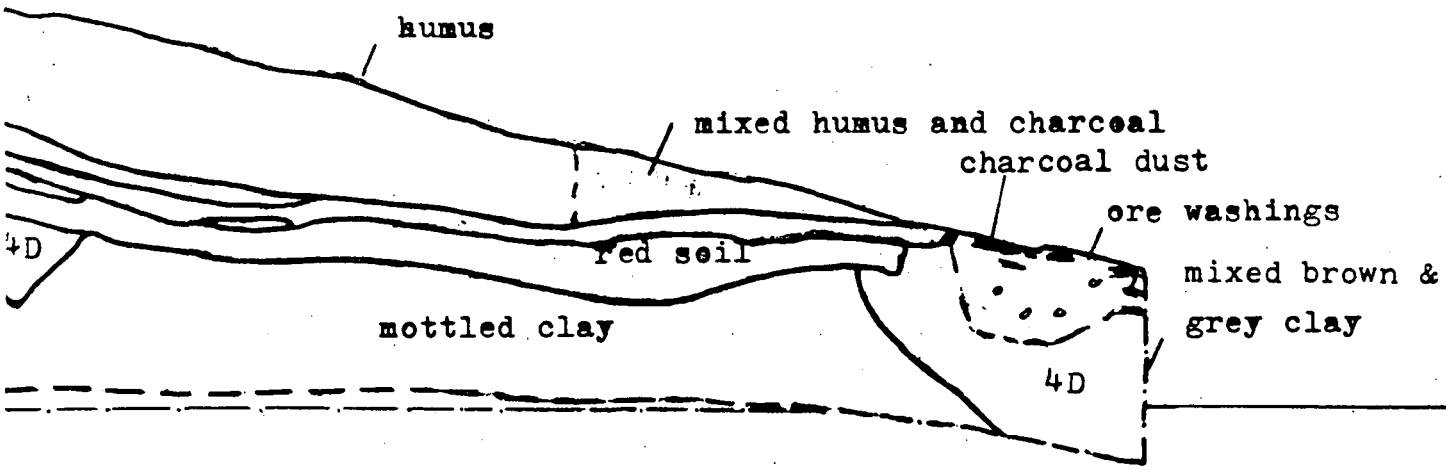


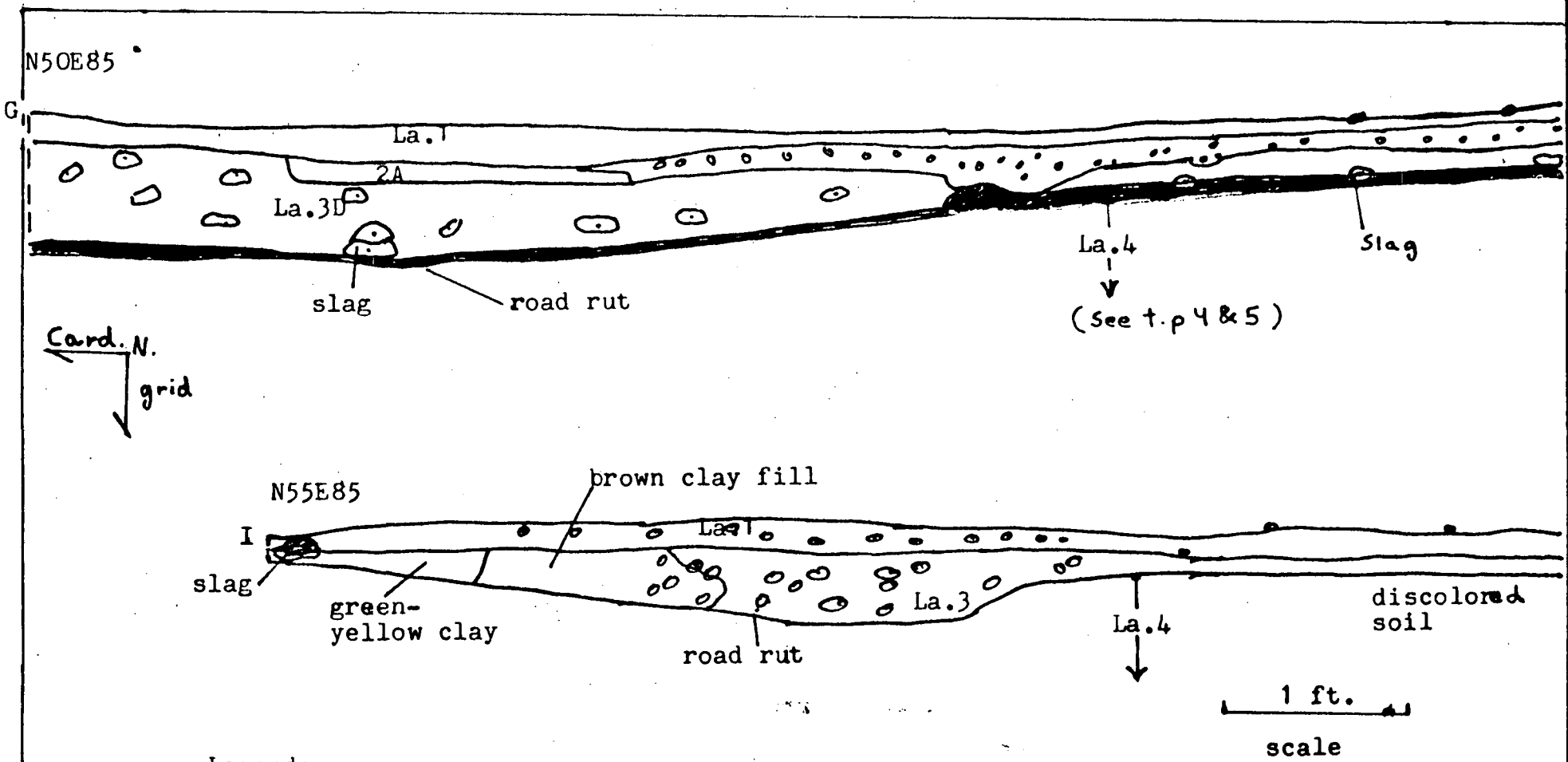
Fig. 28 Profiles of Check 12, Feature 6, a. Trench 1 grid north profile; b. grid south profile.


charcoal mixed with clay
humus
concentrated gravel lens (rut fills ?)
green
mottled clay
4A ore washings
4C
yellow mixed with green
4A
green clay
yellow & green clay
4C


F.1
humus with gravel inclusions & slag
ore washings
in green clay
F.2
red
soil
La.2
La.3
bluish clay
4C
possible
early road ruts
F.4
4A


F.1
humus with gravel inclusions
5A
La
5
green slag
grey slag

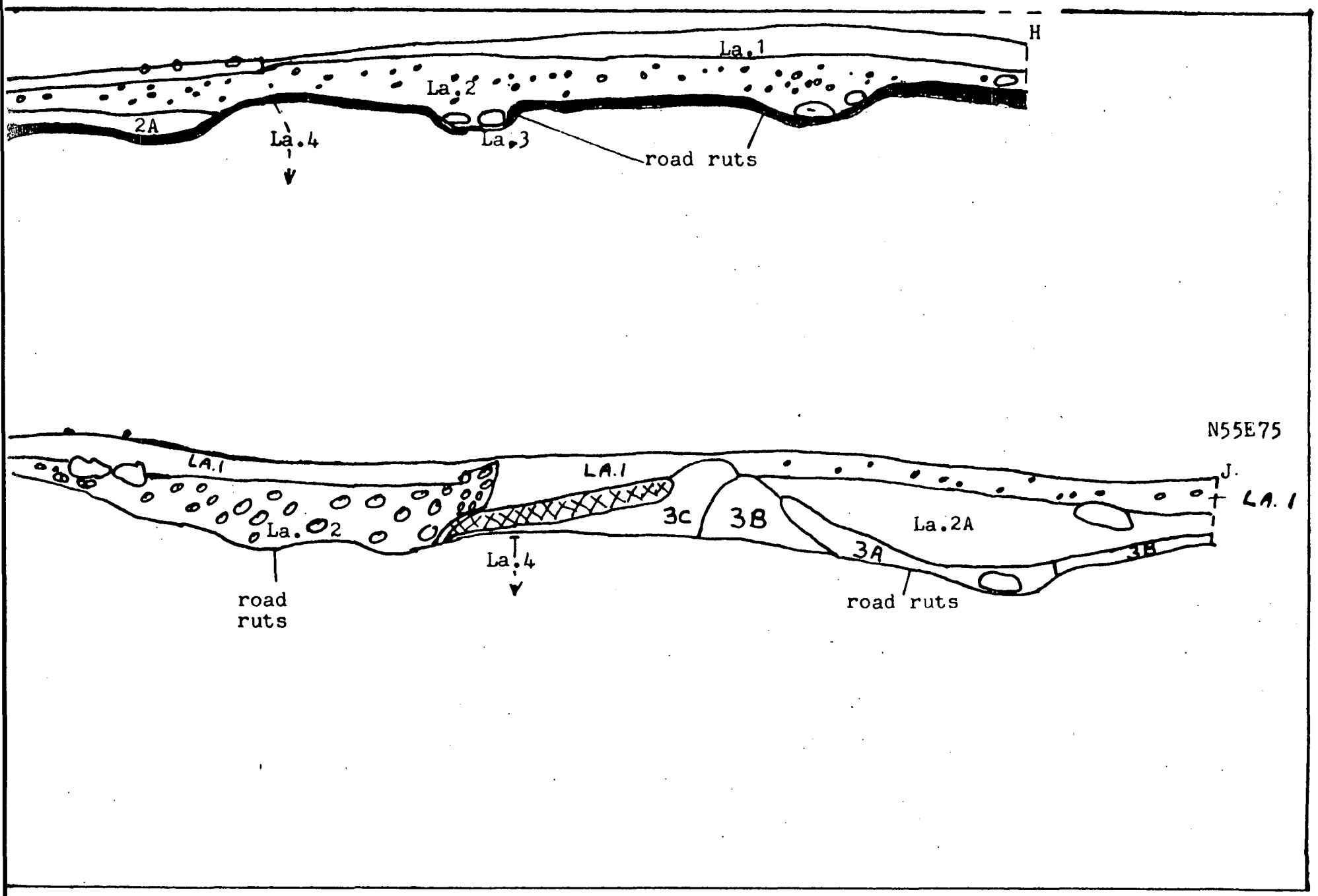

humus
mixed humus and charcoal
charcoal dust
ore washings
4D
red soil
mixed brown &
grey clay
mottled clay
4D



Legend:

La.1- thin humus, some gravel inclusions
1A - red sandy soil lens
La.2 -reddish mixed soil and gravel (occasional slag); brown soil mixed with gravel-La.2A
1B - charcoal and mixed soil lens
La.3 - crushed limestone gravel ("crusher run") mixed with some humic soil
Lens 3A - sandybrown soil lens mixed with yellow clay specks
" 3B - mixed reddish brown sandy soil - charcoal stained
" 3C - yellow brown clay with small stone nodules; clay soil with slag chunks-La.3D
La.4 - charcoal dust (top of "Charcoal Road")

Fig.29 Profiles of Grid #1, Check 12, Feature 6.


N50E75
H
La.1
La.2
2A
La.4
La.3
road ruts
N55E75
J.
LA.1
LA.1
LA.1
La.2
3C
3B
La.2A
3A
3B
La.4
road ruts
road ruts

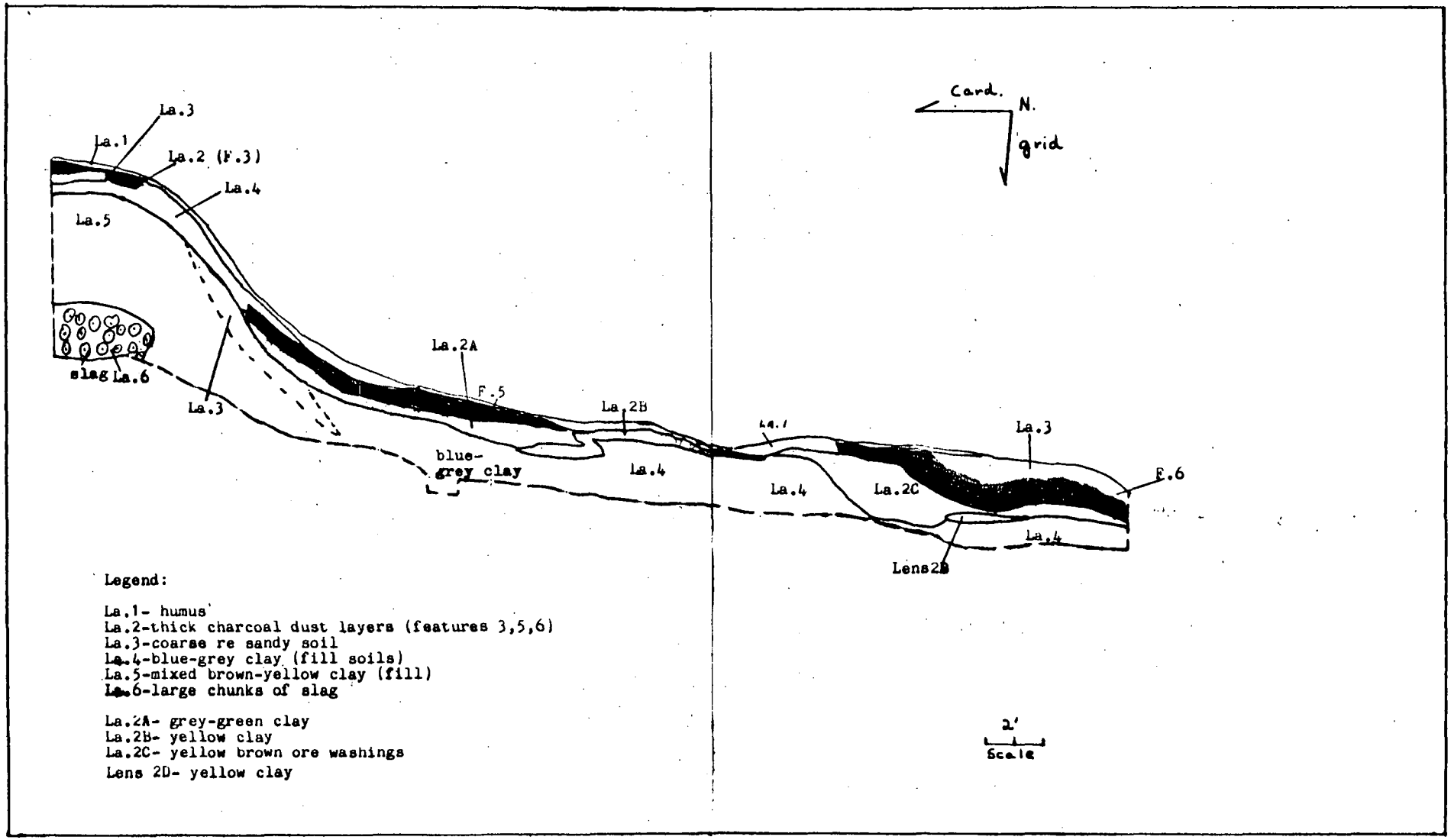


Fig.30. Grid South Profile of Trench 2, Check 12, Feature 6.

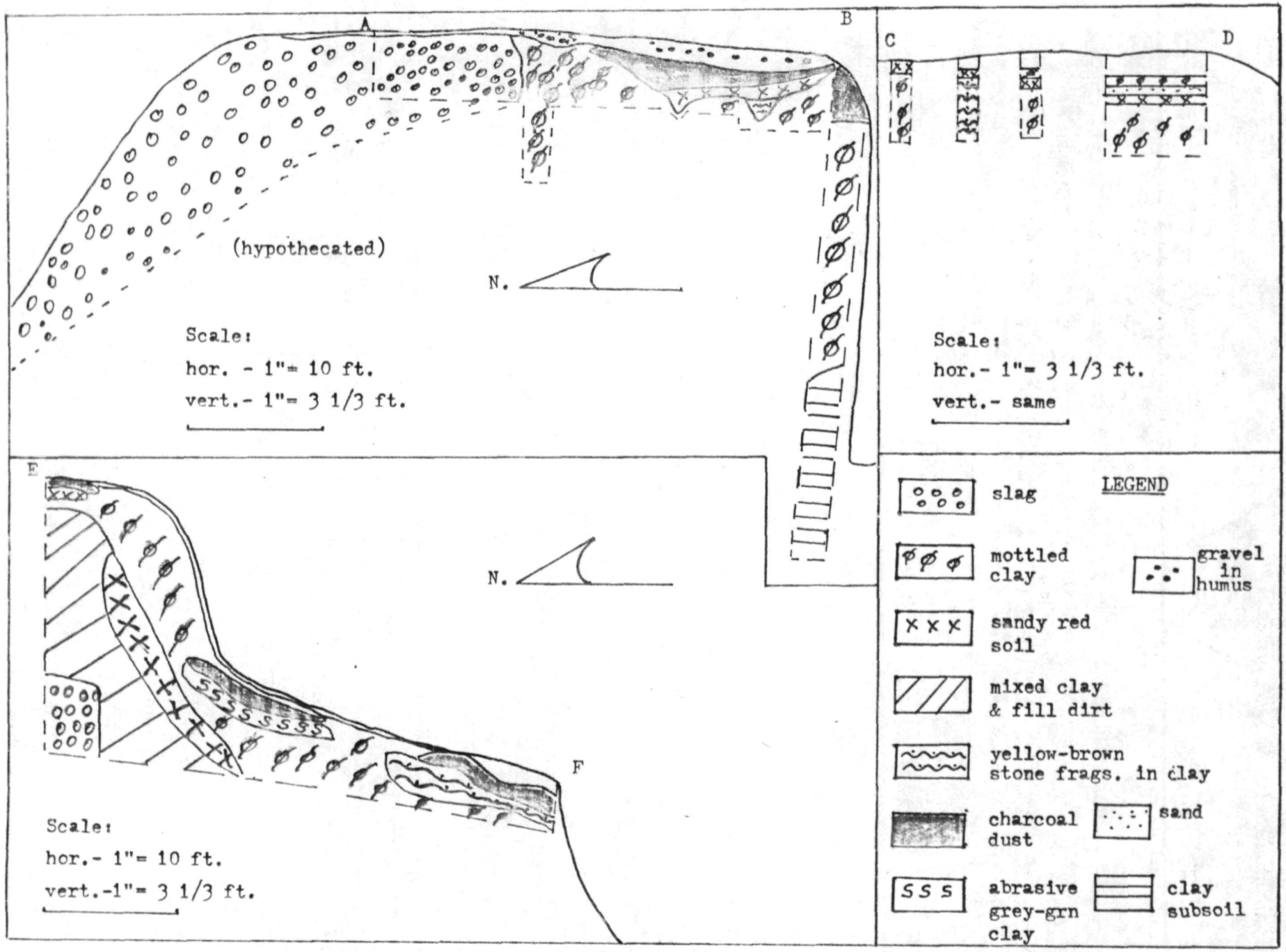
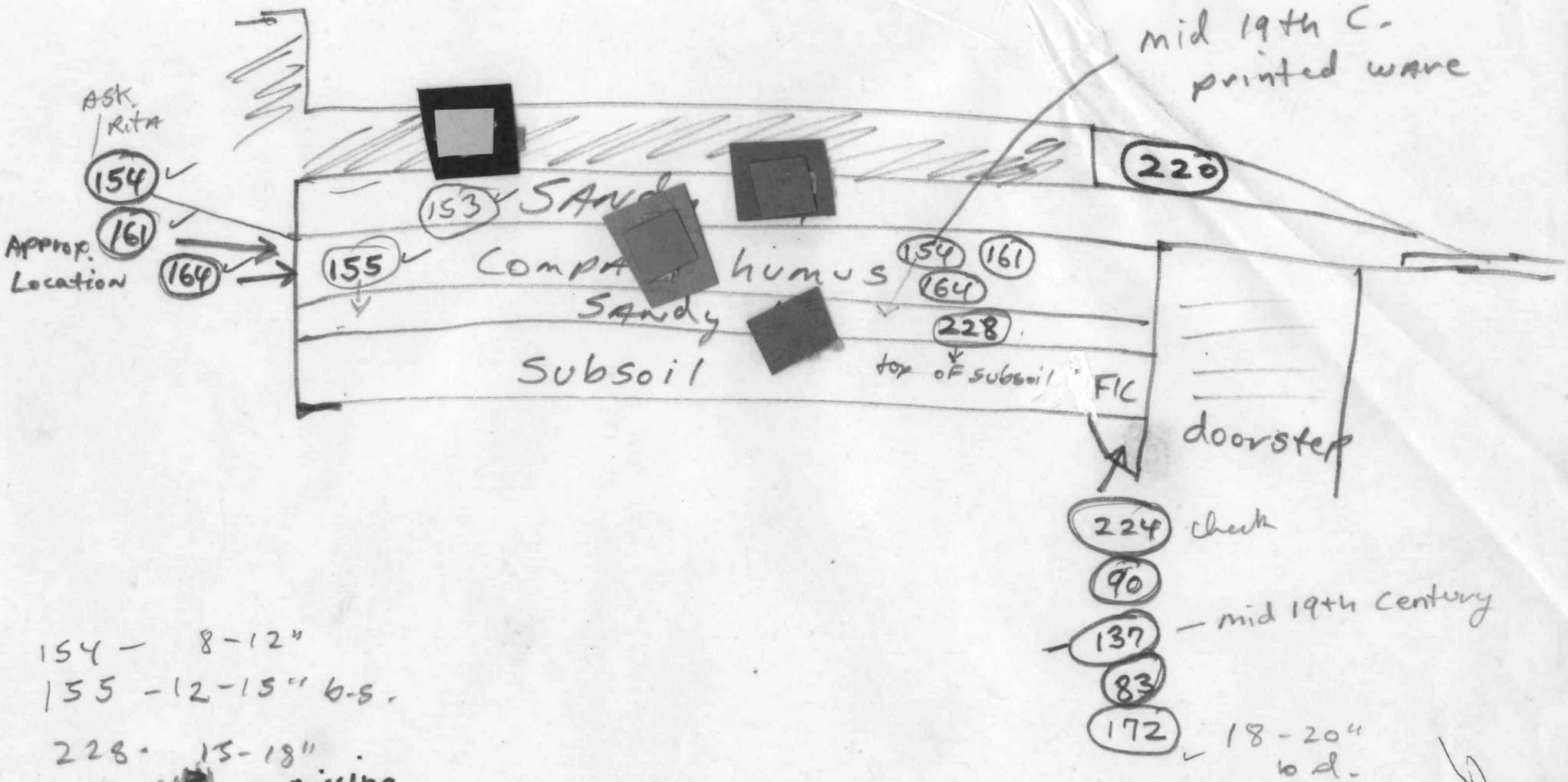


Fig. 9. Profiles of Check 12, Feature 6, Charcoal Road. A-B, Trench 1; C-D, Tests; E-F, Trench 2.

TR6A = ✓

F/C = blders tr.

154 - top of LA3

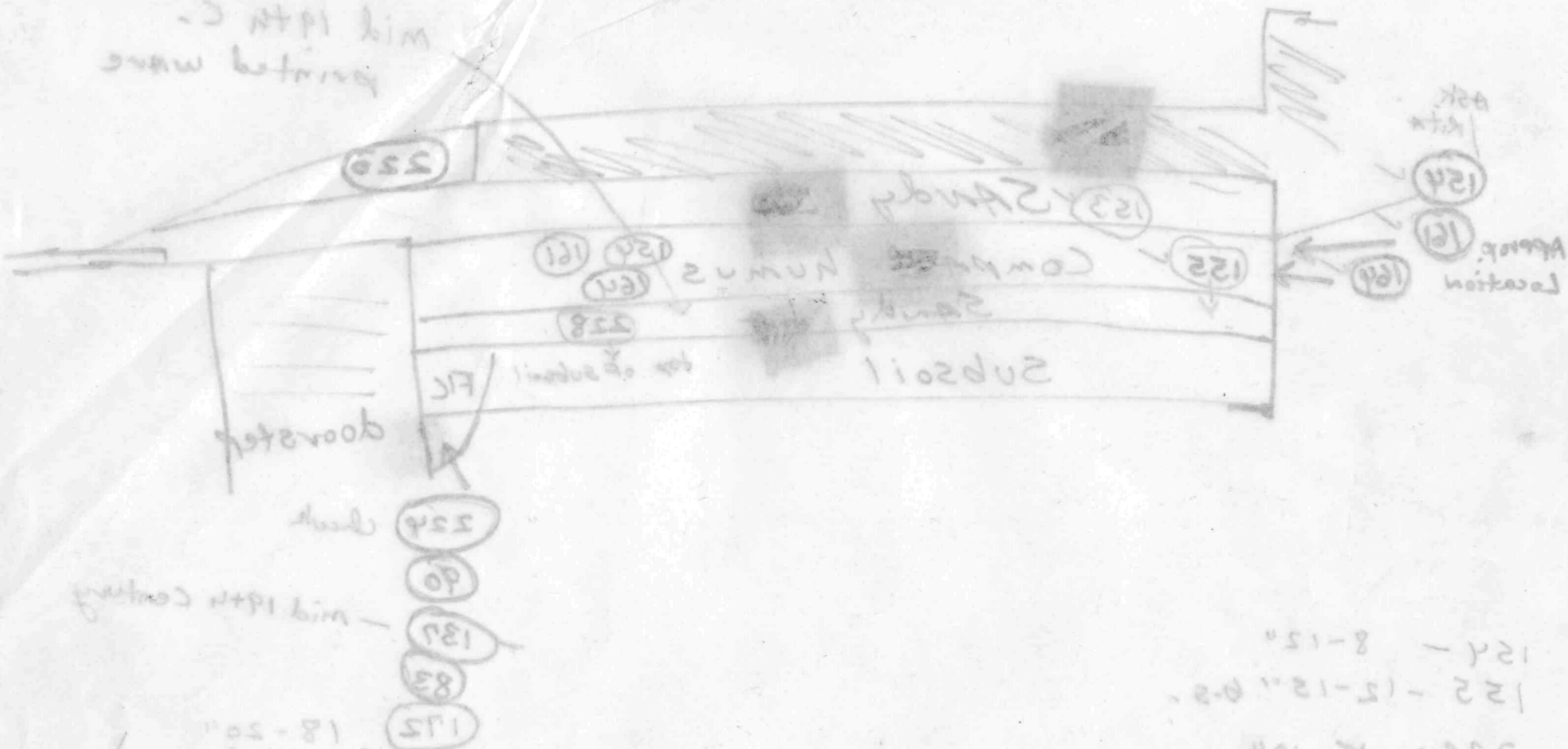


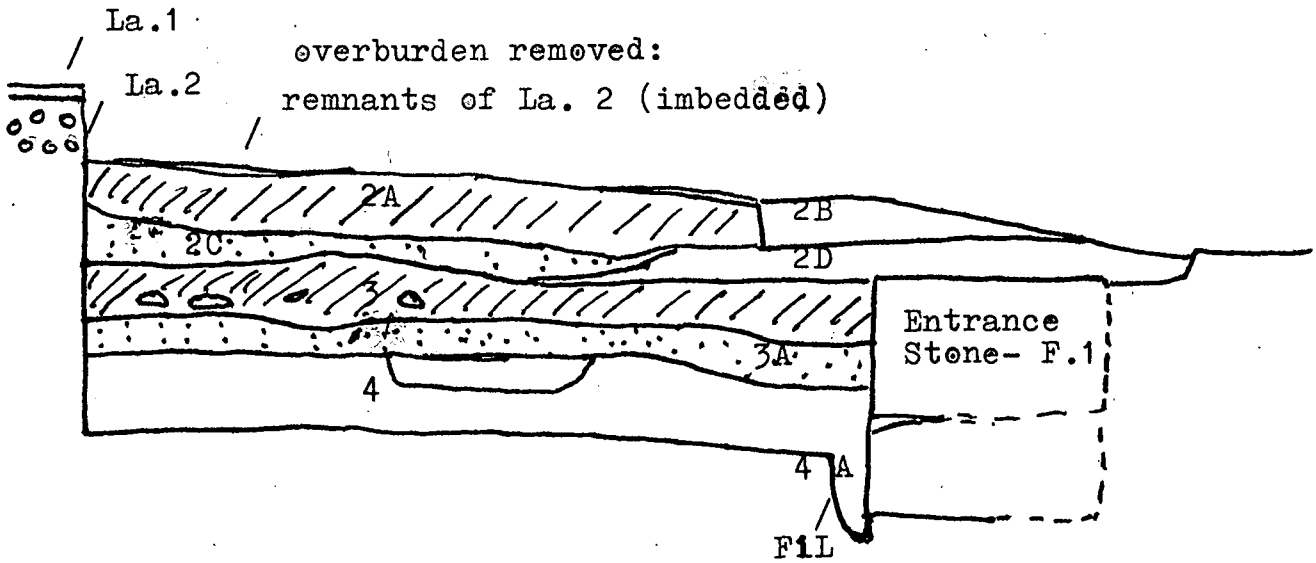
154 - 8-12"
155 - 12-15" b.s.
228 - 15-18"

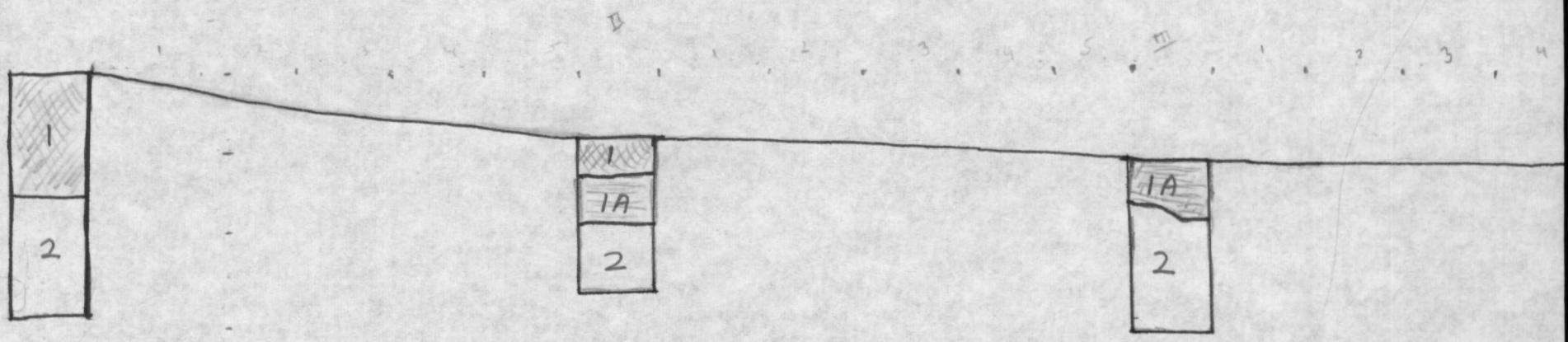
New: 153; 172; 220 missing

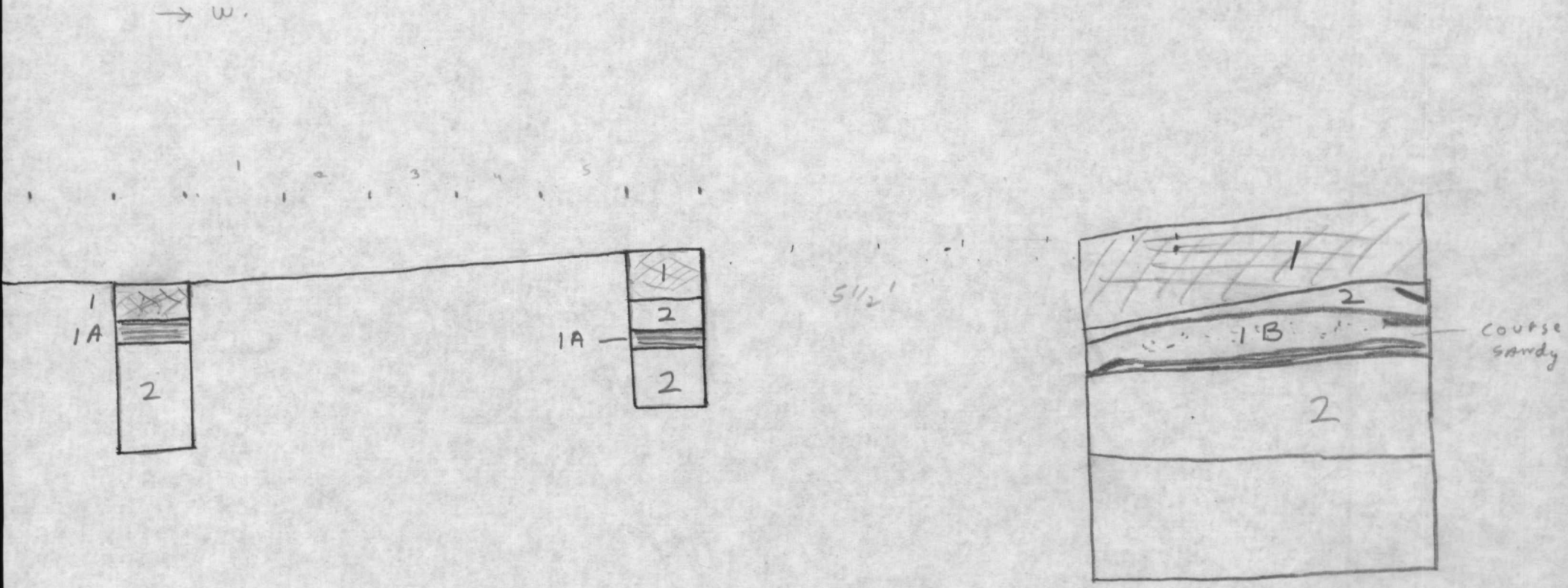
TR6A

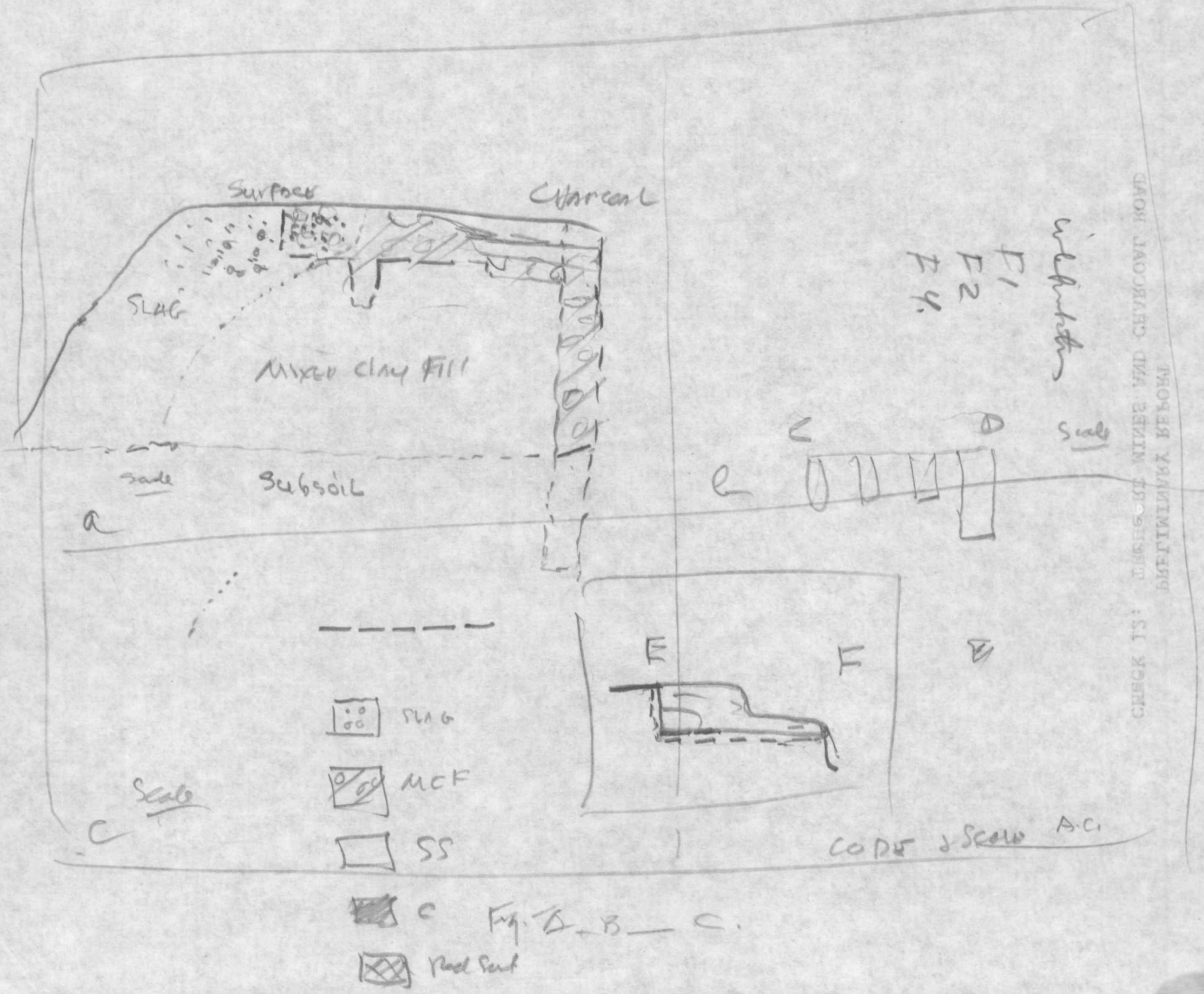
TR6 - 194, 358 (La.2)

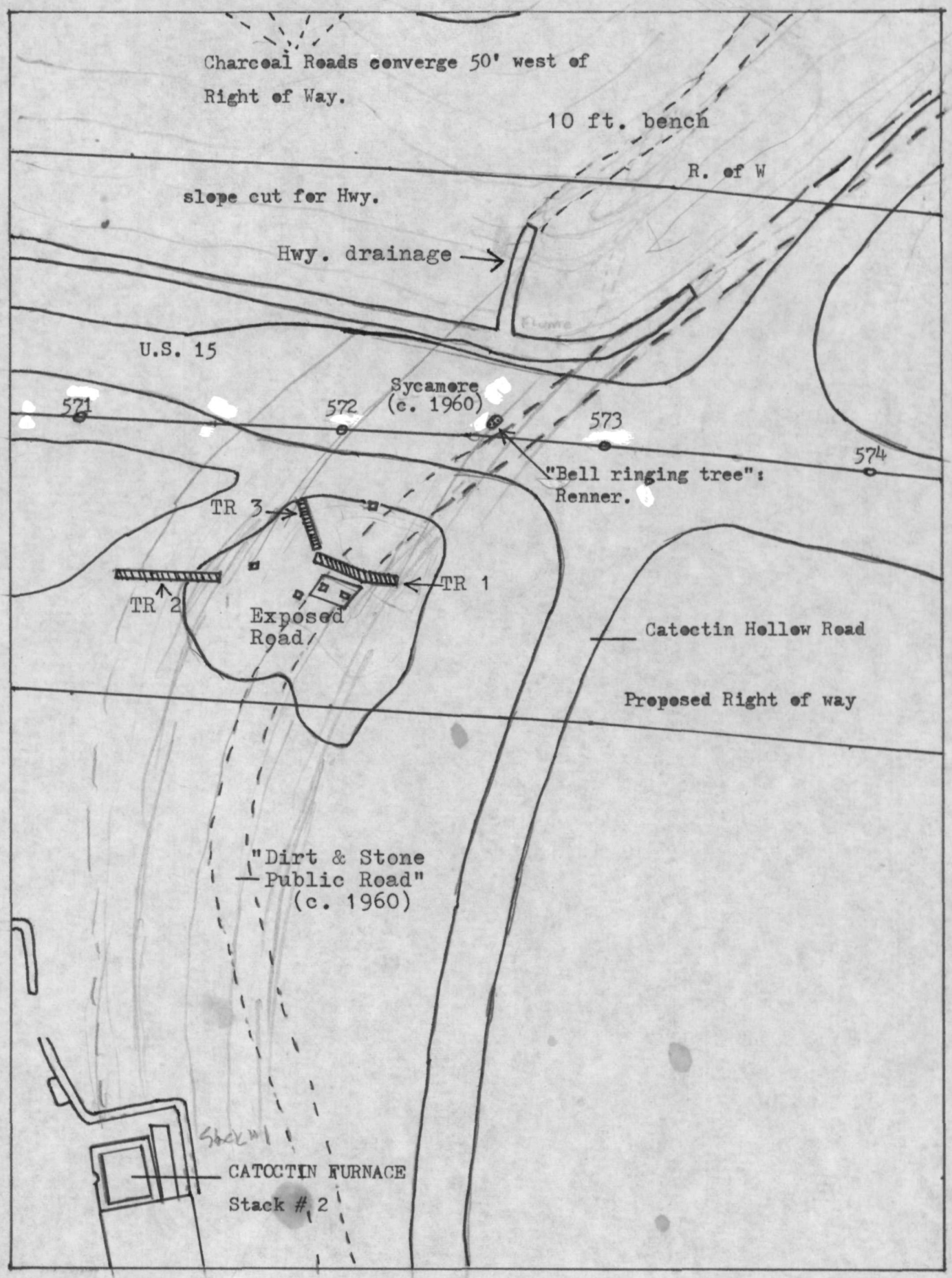


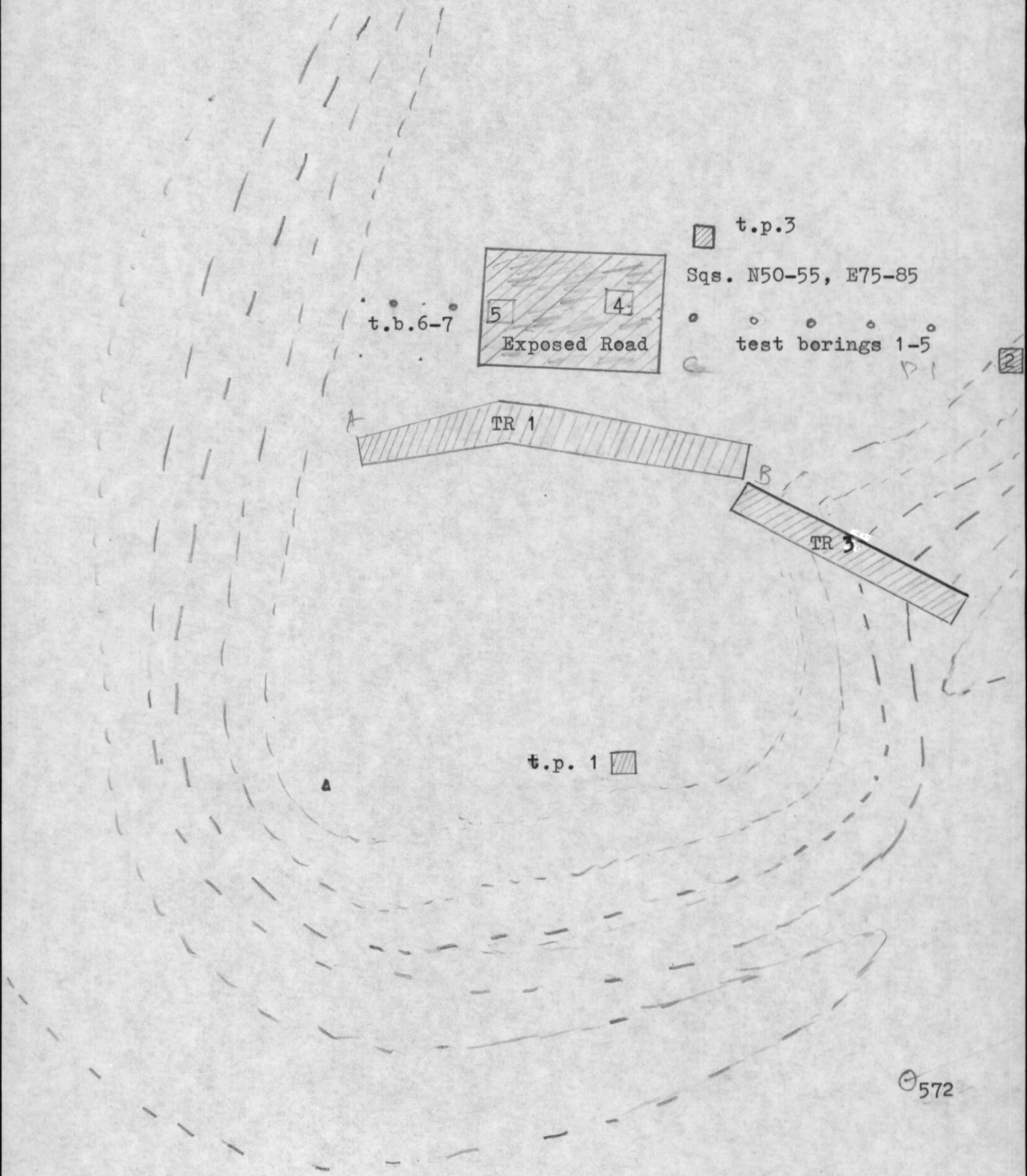

La.1
La.2
overburden removed:
remnants of La. 2 (imbedded)
2A
2B
2C
2D
3A
4
4A
Fil
Entrance
Stone- F.1

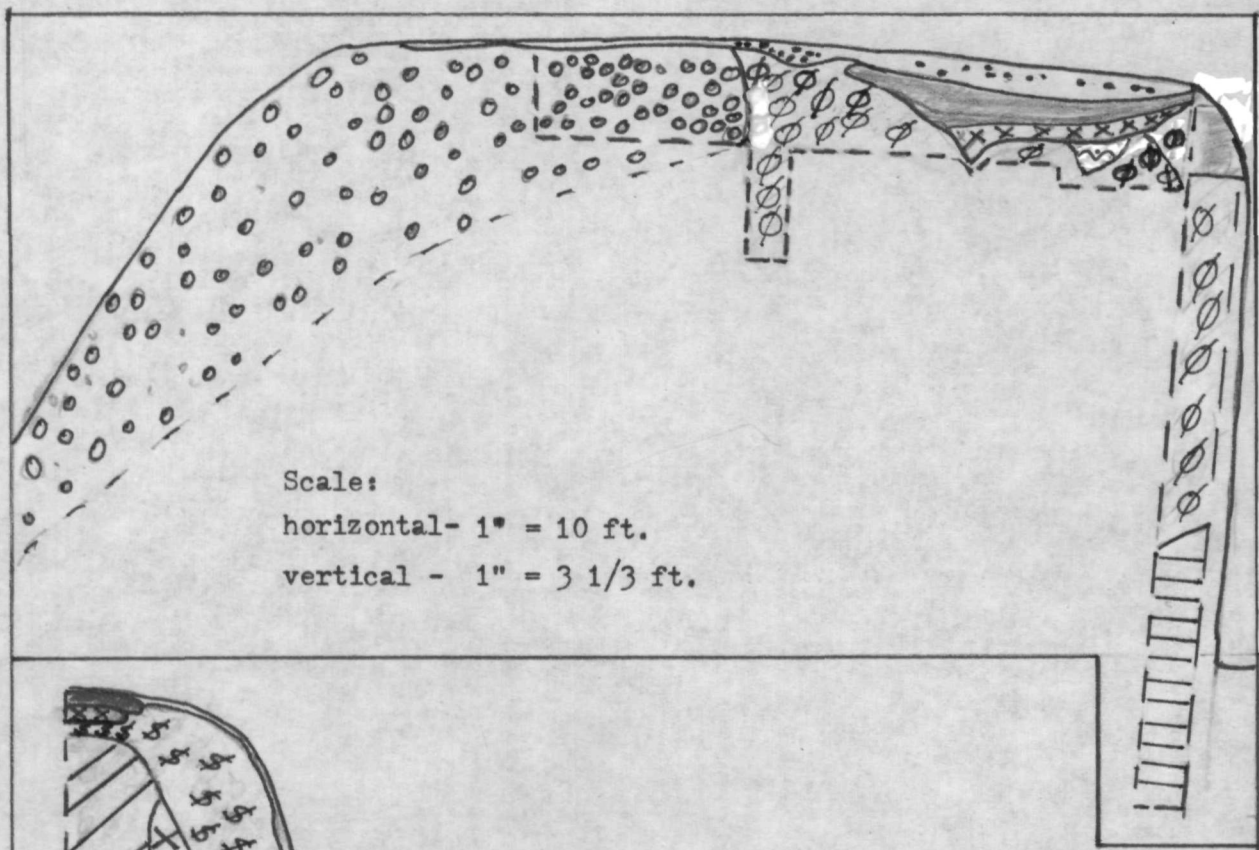

W
D
E
1
2
1
1A
2
1A
2

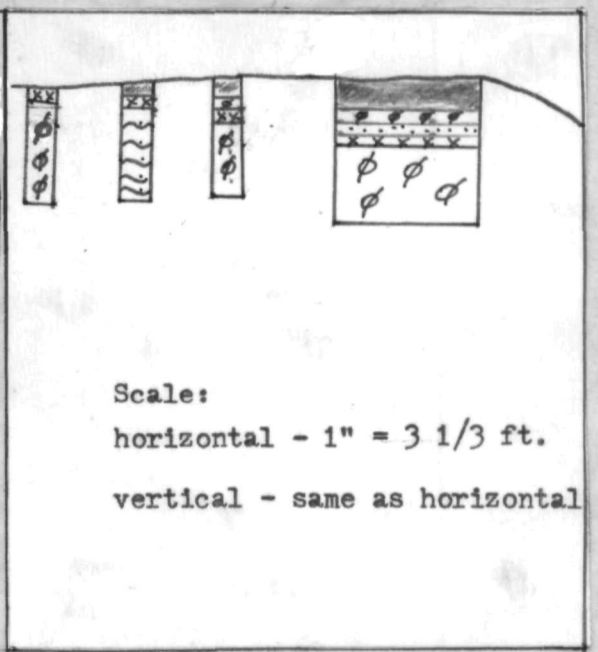

→ W.
1
2
3
4
5
1
1A
2
1
2
1A
2
5 1/2'
1
2
1B
2
coarse sandy

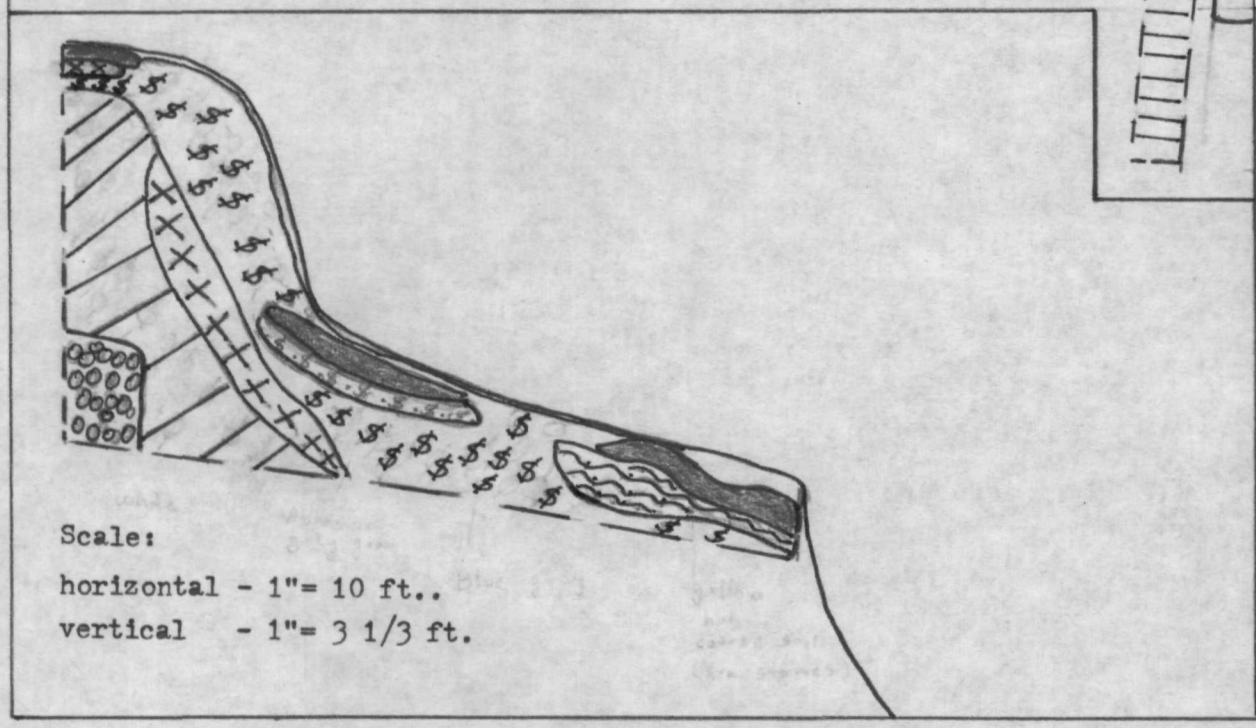

Surface
Charcoal
SLAG
Mixed Clay Fill
Subsoil
Scale
a
b
C
D
Scale
E
F
SLAG
MCF
SS
Scale
c
CODE & SCALE A.C.
Fig. A - B - C.
Red Sand


Charcoal Roads converge 50' west of
Right of Way.
10 ft. bench
R. of W
slope cut for Hwy.
Hwy. drainage
U.S. 15
Sycamore
(c. 1960)
571
572
573
574
"Bell ringing tree":
Renner.
TR 3
TR 1
TR 2
Exposed
Road
Catoctin Hollow Road
Proposed Right of way
"Dirt & Stone
Public Road"
(c. 1960)
CATOCTIN FURNACE
Stack # 2


t.p.3
Sqs. N50-55, E75-85
t.b.6-7
5
4
Exposed Road
test borings 1-5
2
A
TR 1
B
TR 3
t.p. 1
572







CODE

- slag
- mottled clay green-yellow
- charcoal dust
- red soil
- mixed clay-fill dirt
- mottled clay blue-grey
- gravel in humus
- sand
- mottled clay - grey-green
- yl.-brn. stones in clay
- clay subsoil

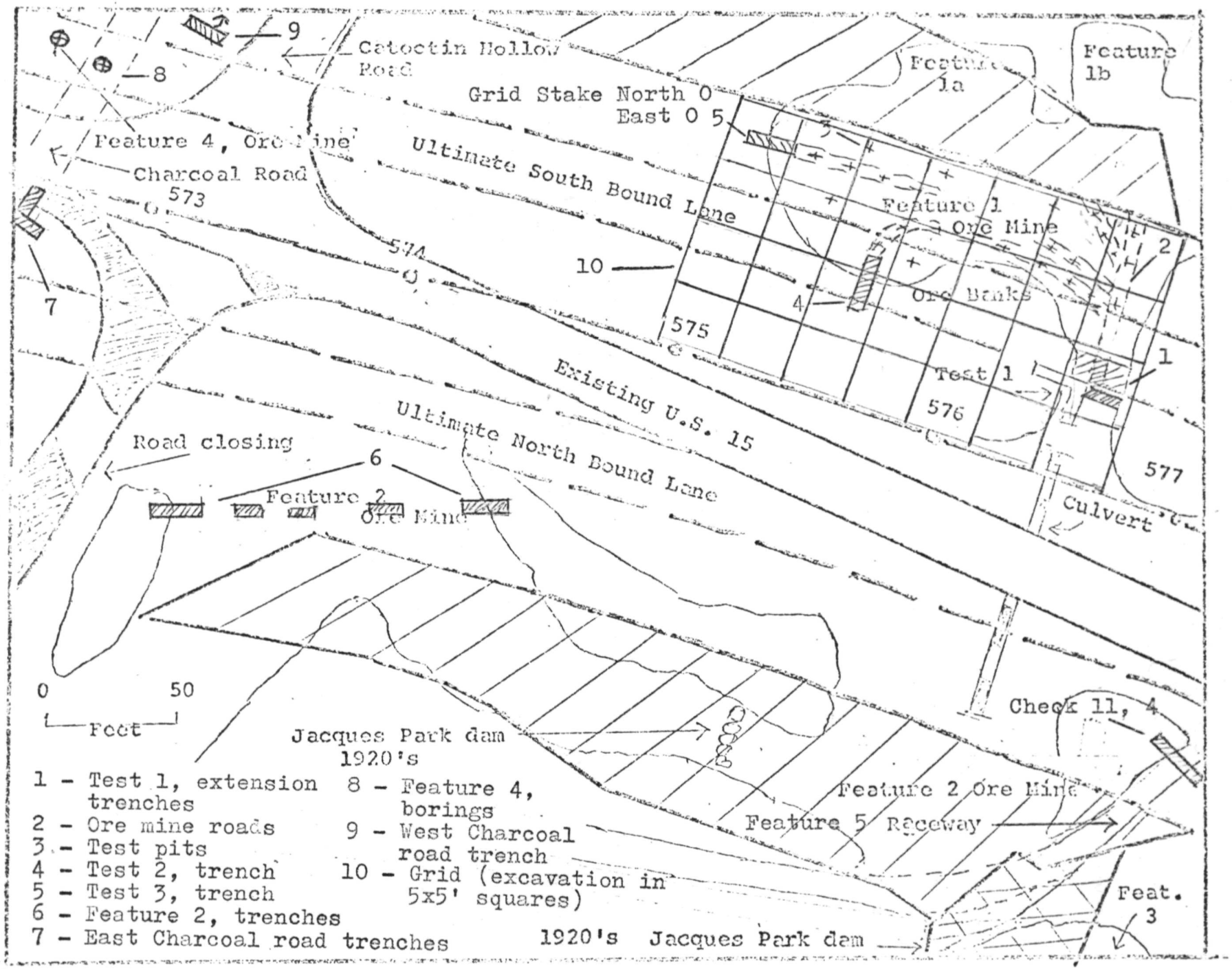
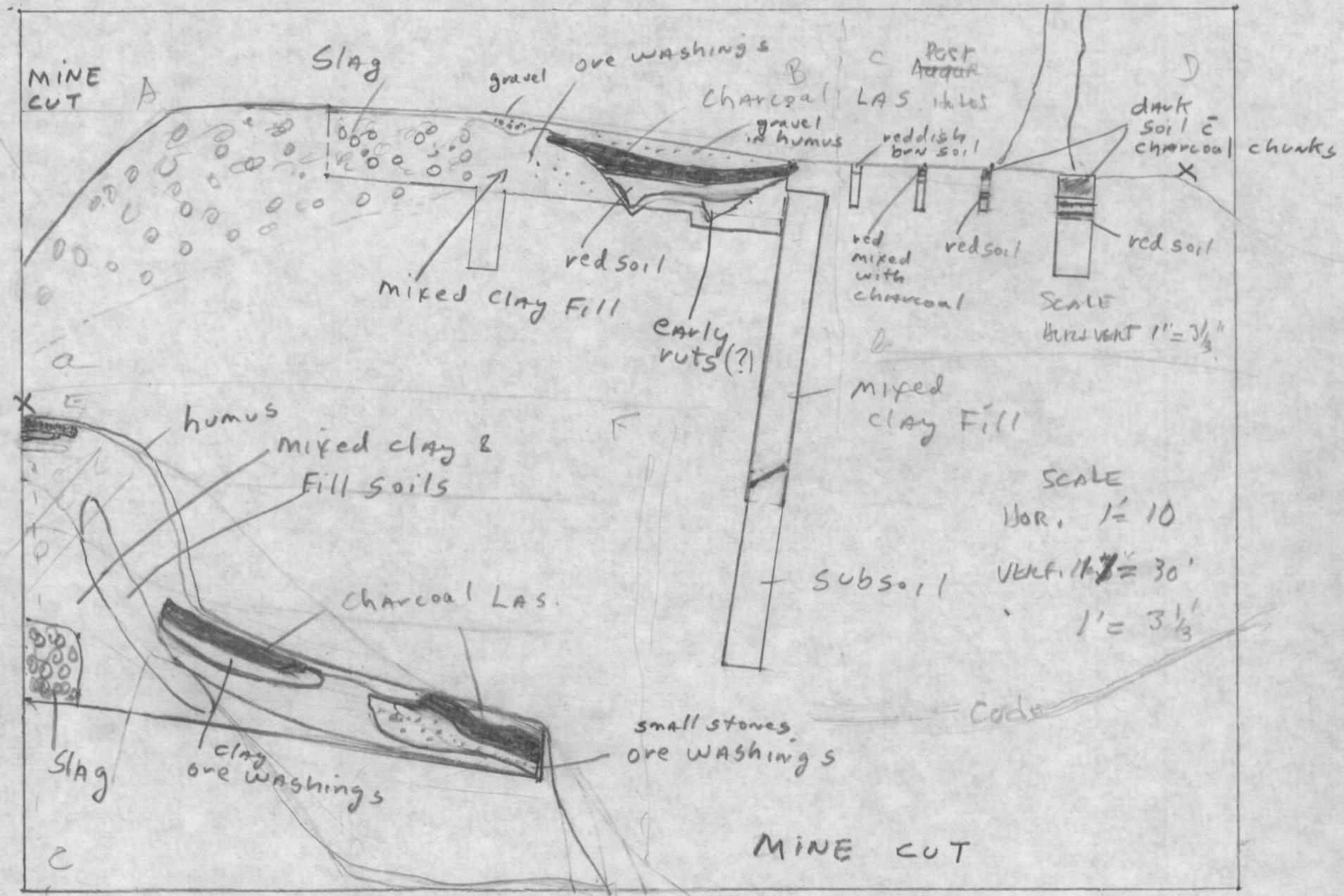


Fig. 8 . Check 12, Iron Ore Mines, Raceway (Check 11), Charcoal road, and proposed excavations

DAD, what do you think of this general plan?



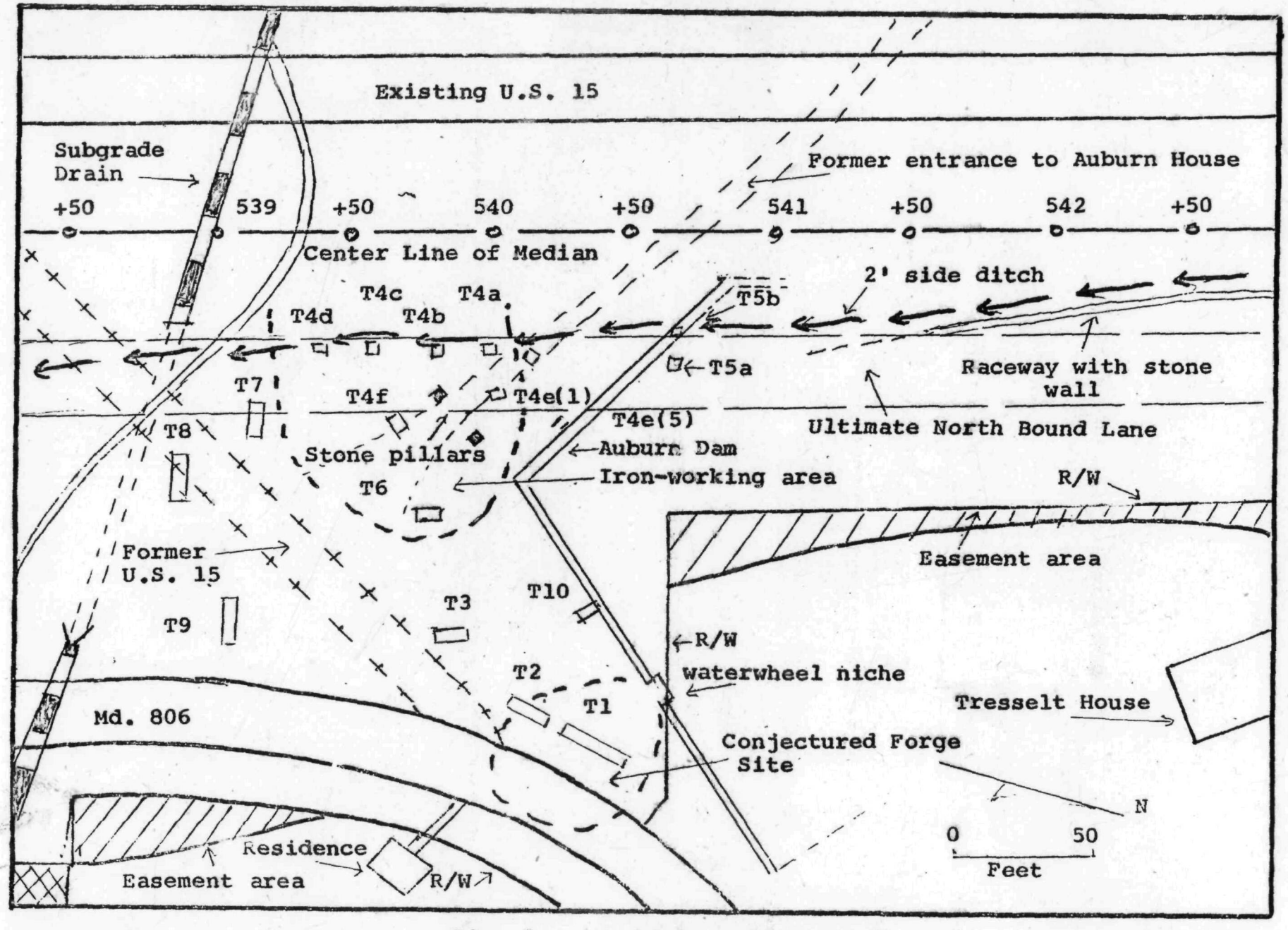
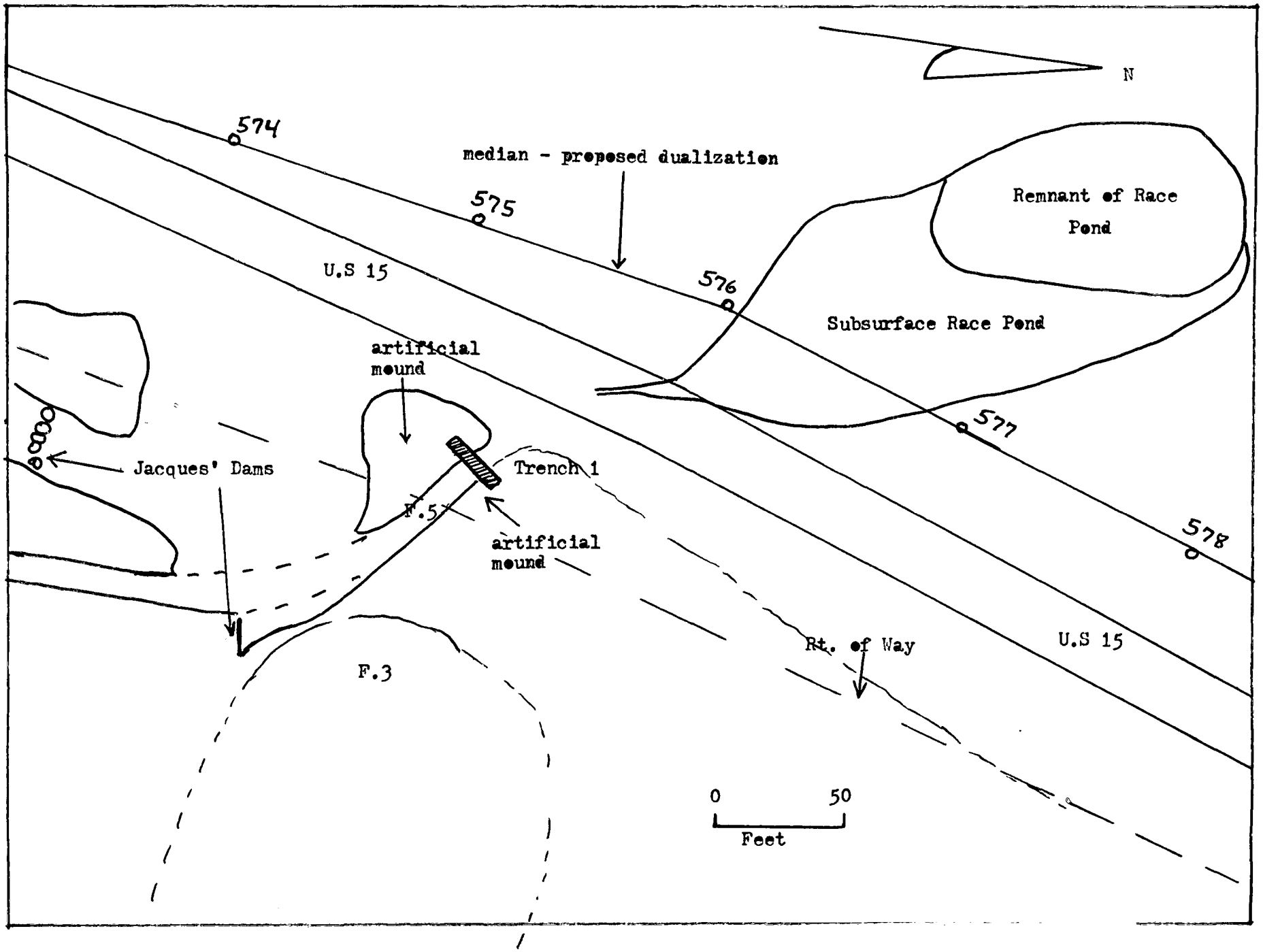


Fig. 3. Ground Plan of Check 3


N
574
575
576
577
578
median - proposed dualization
Remnant of Race Pond
Subsurface Race Pond
U.S 15
U.S 15
artificial mound
artificial mound
Jacques' Dams
Trench 1
F.5
F.3
Rt. of Way
0
50
Feet

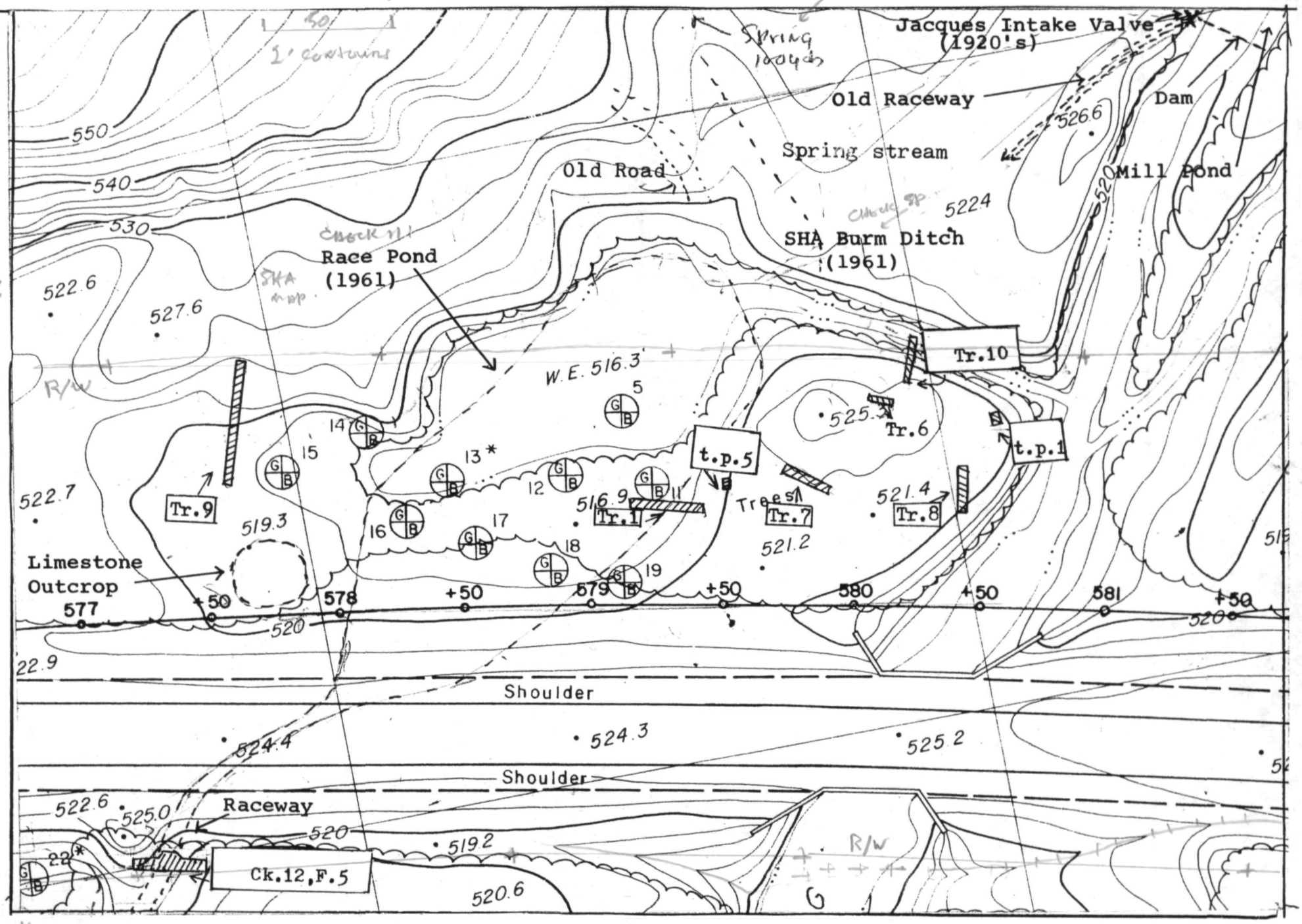


Fig.21. Map of Check 11, Race Pond, including Check 12, Feature 5.

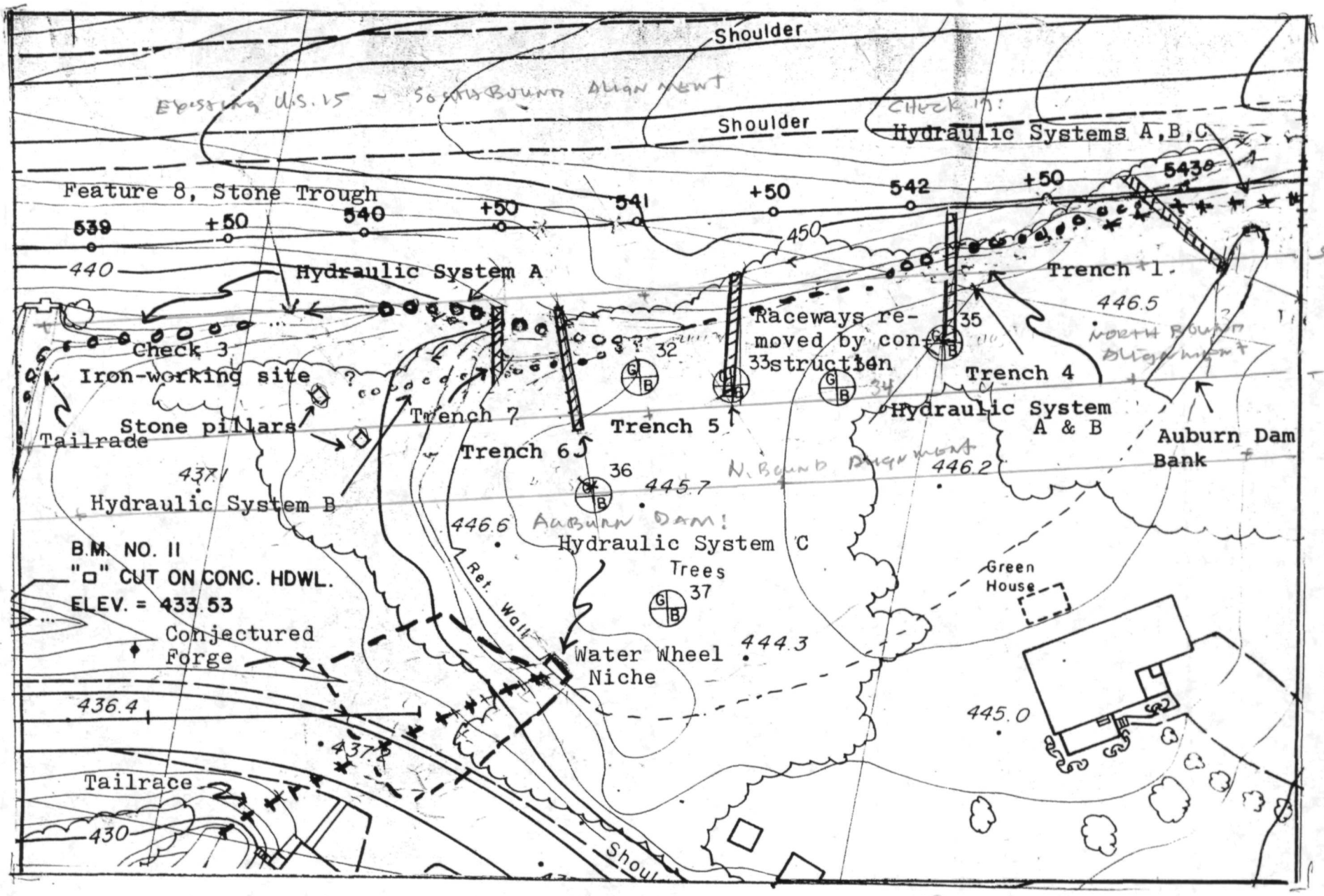


Fig.45. Map of Continuation of Check 17, Raceways with Auburn Dam.

Converted on original
Scale
N

rewrite Fig 45. Caption

(17) Raceway ——, Orr 1975, Orr+Orr 1984, Renner 1982

(A) Conjectured 1st Furnace 1770 ——. Orr 1975, Orr+Orr 1984, Renner 1982, Milne 1982

(3) Iron-working site ——. Orr 1975, Milne 1980, 82

(4) Spring - Bath House —— Orr 1975, Orr+Orr 1984

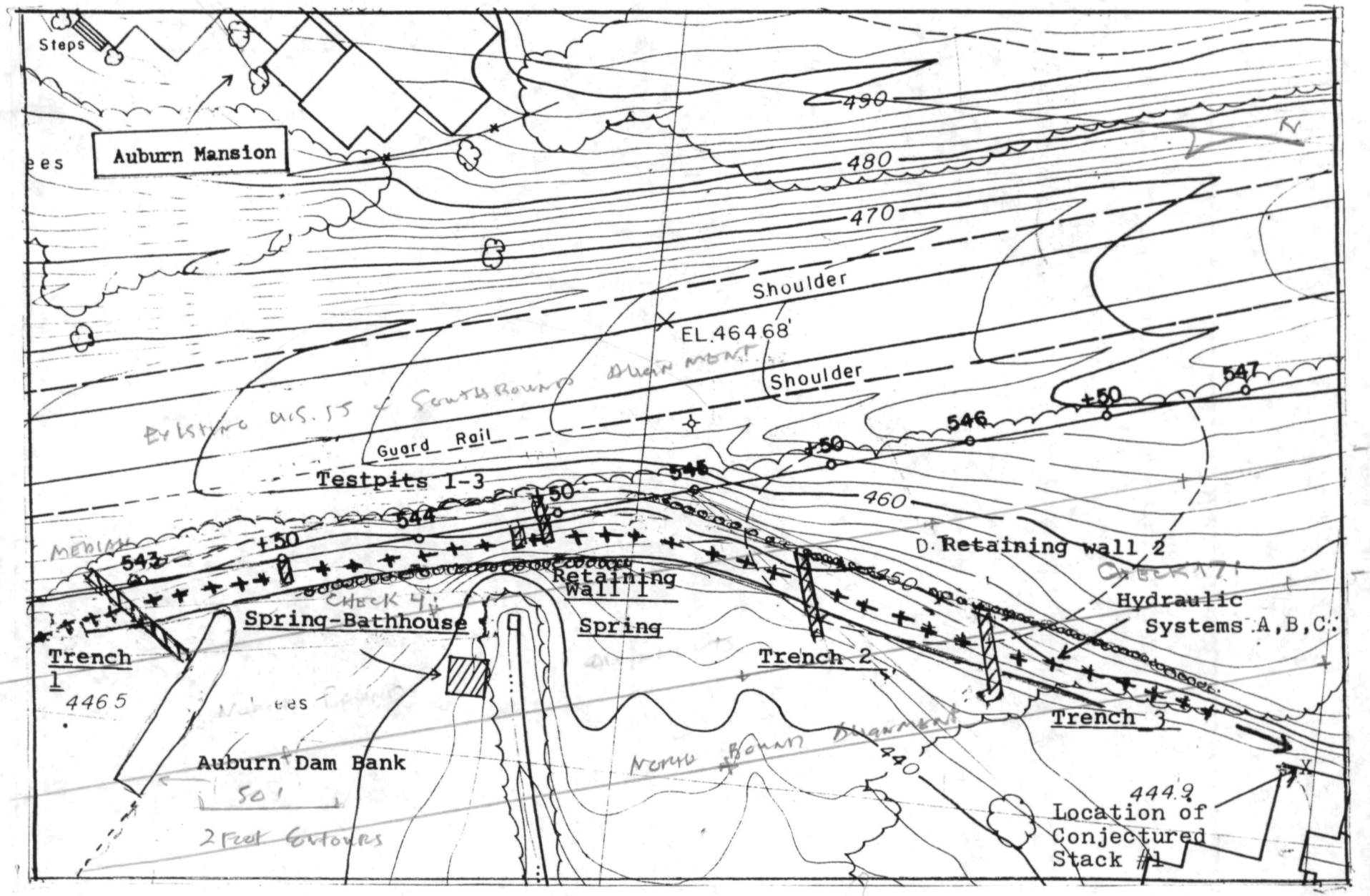


Fig. 43. Check 17, Raceways, and Check 4, Spring-Bathhouse.

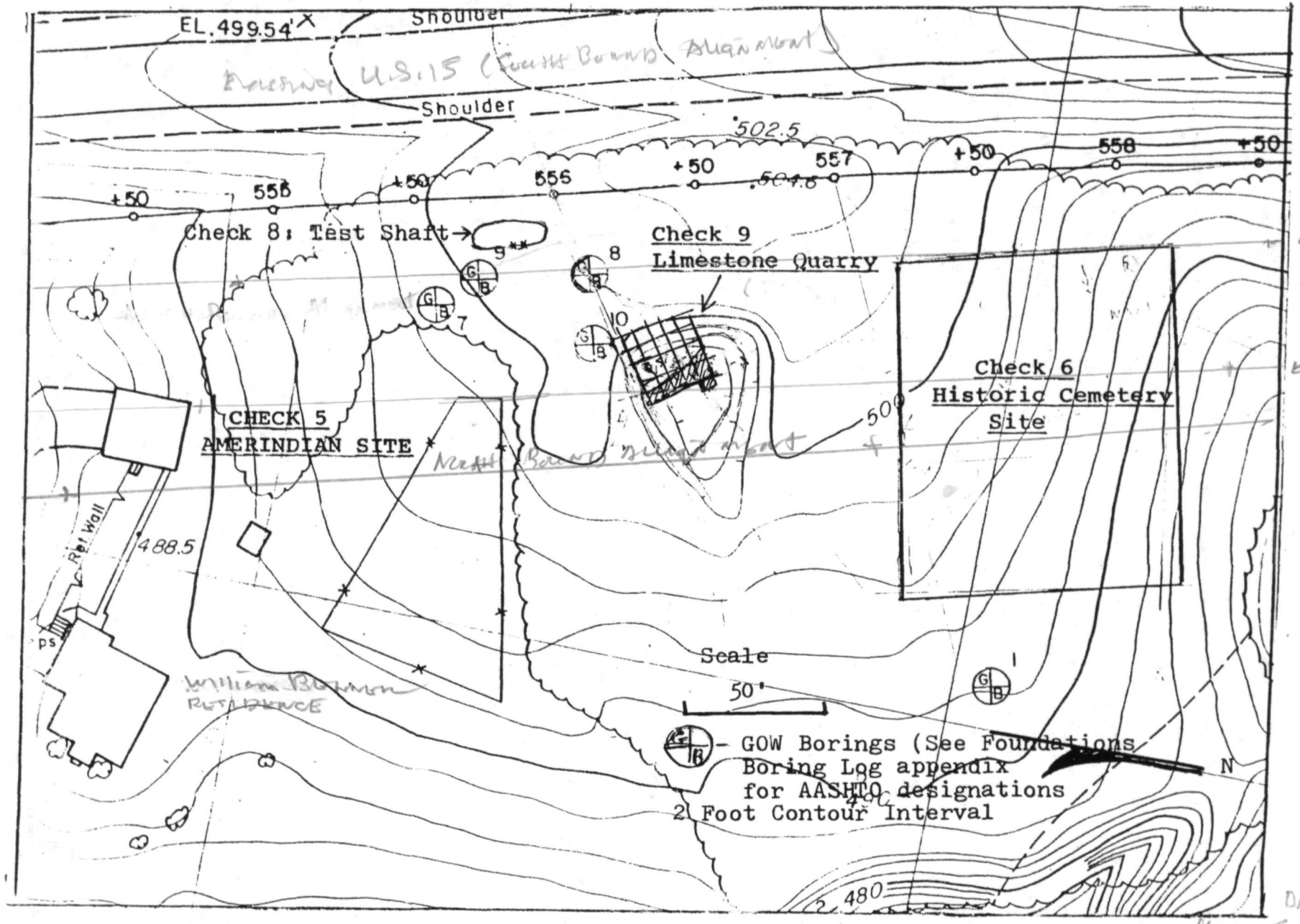


Fig.19. Map of Check 9, Limestone Quarry, and adjacent sites (excavated by MAAR).
Check 8, Test Shaft investigated in Orr and Son, 1977 (pp. 40-44)

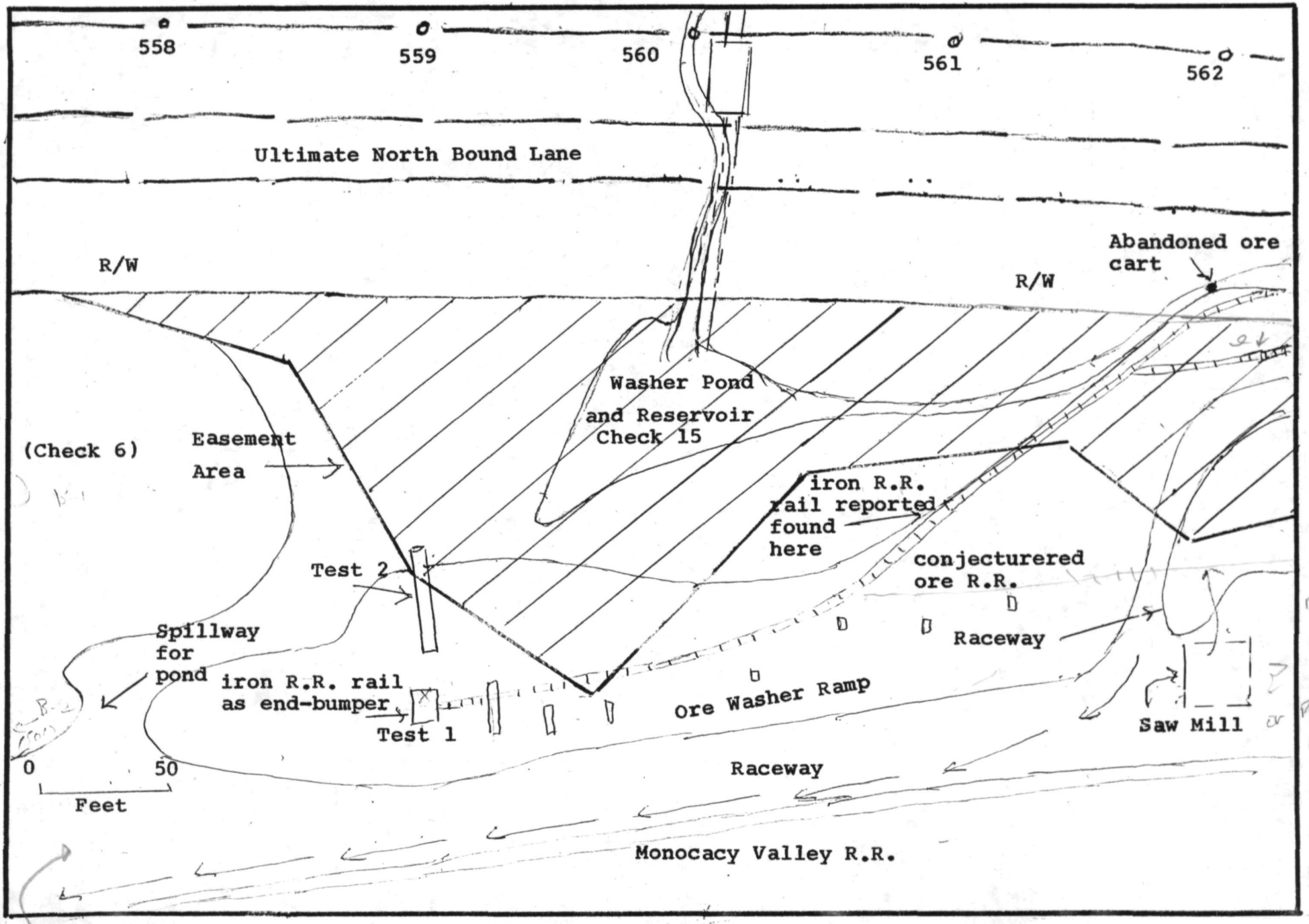


Fig. 40 Ground Plan of Check 15.

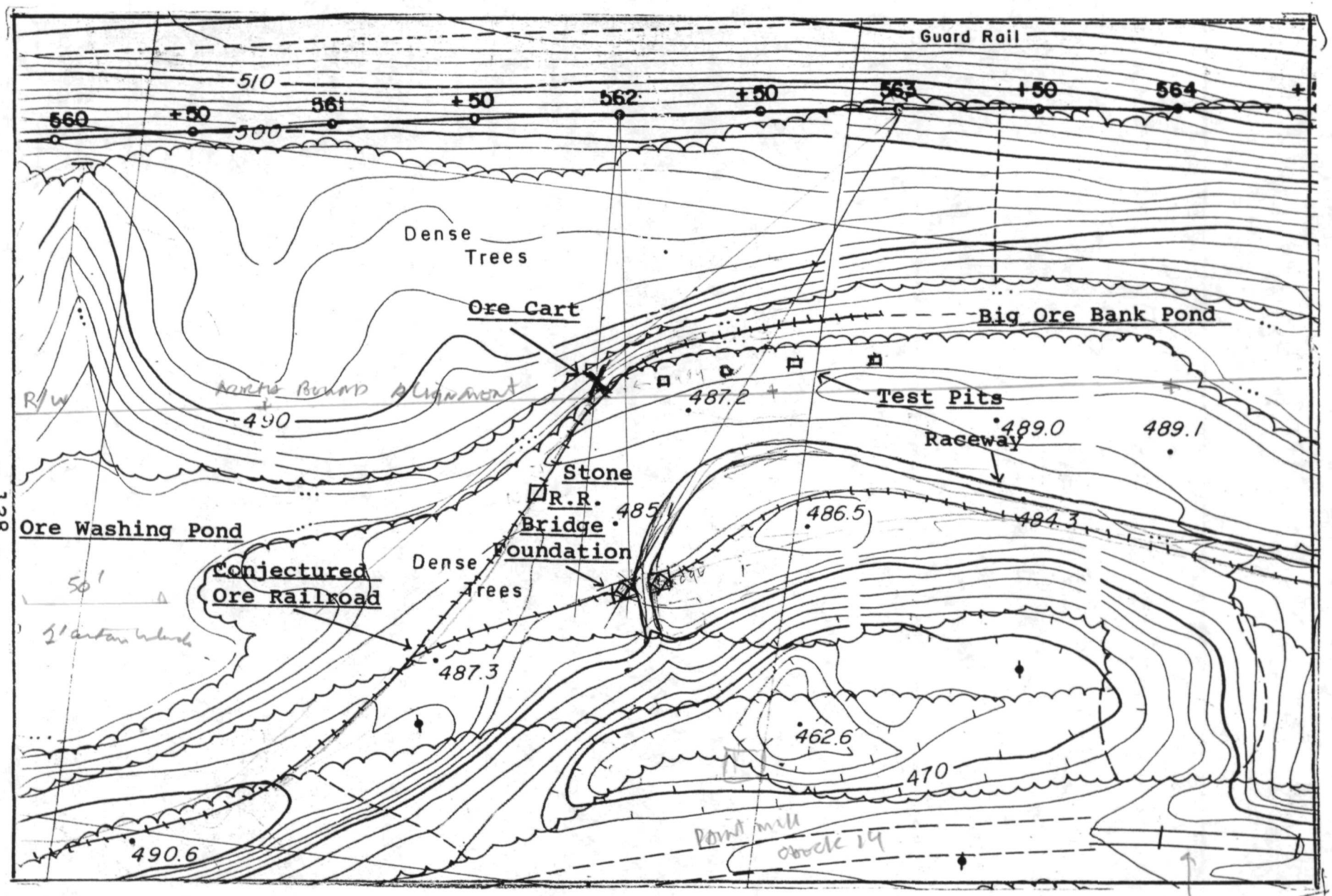


Fig. 39. Check 15, Ore Railroad.

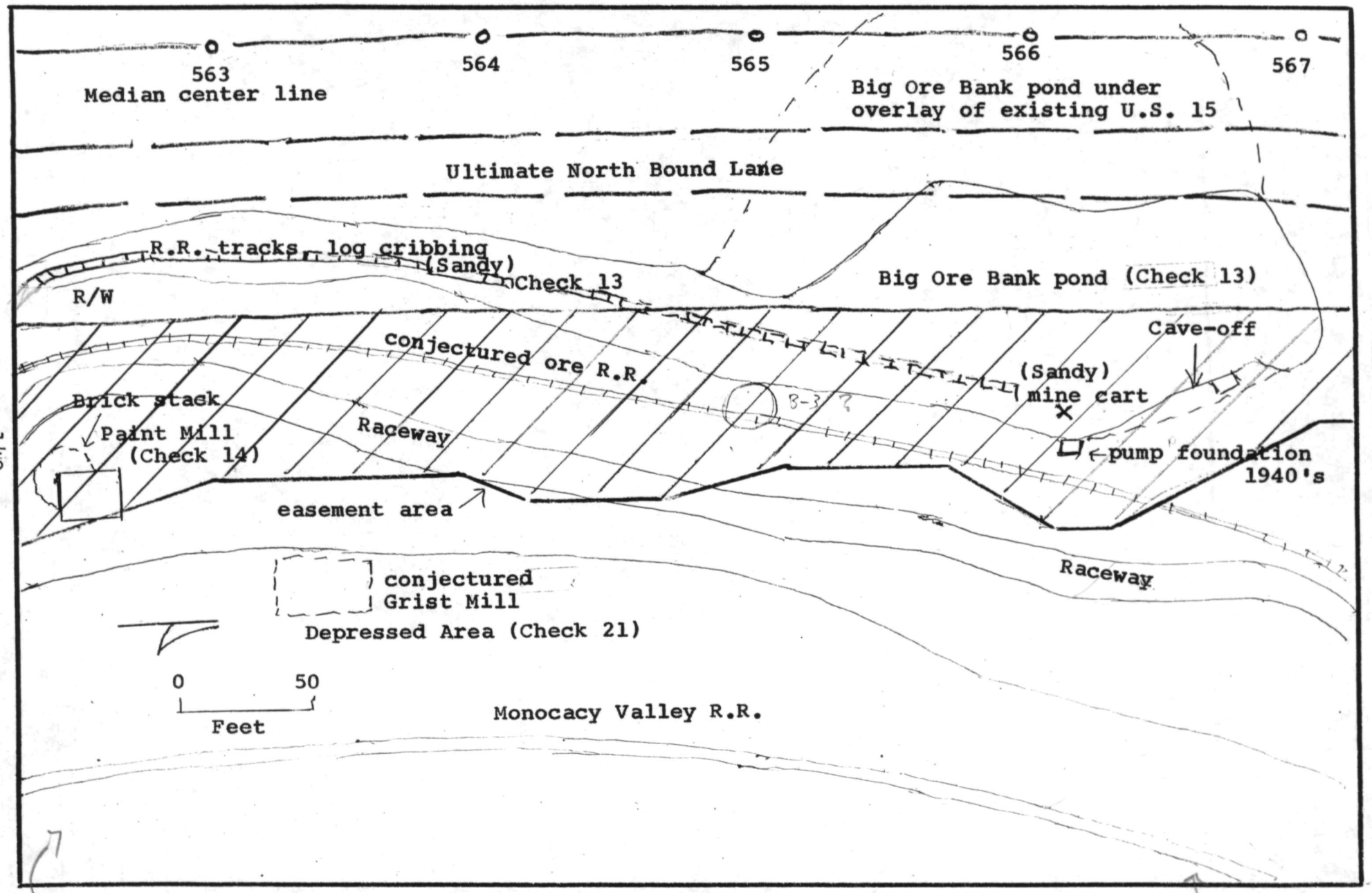


Fig. 41 Ground Plan of Checks 13, 14, 21

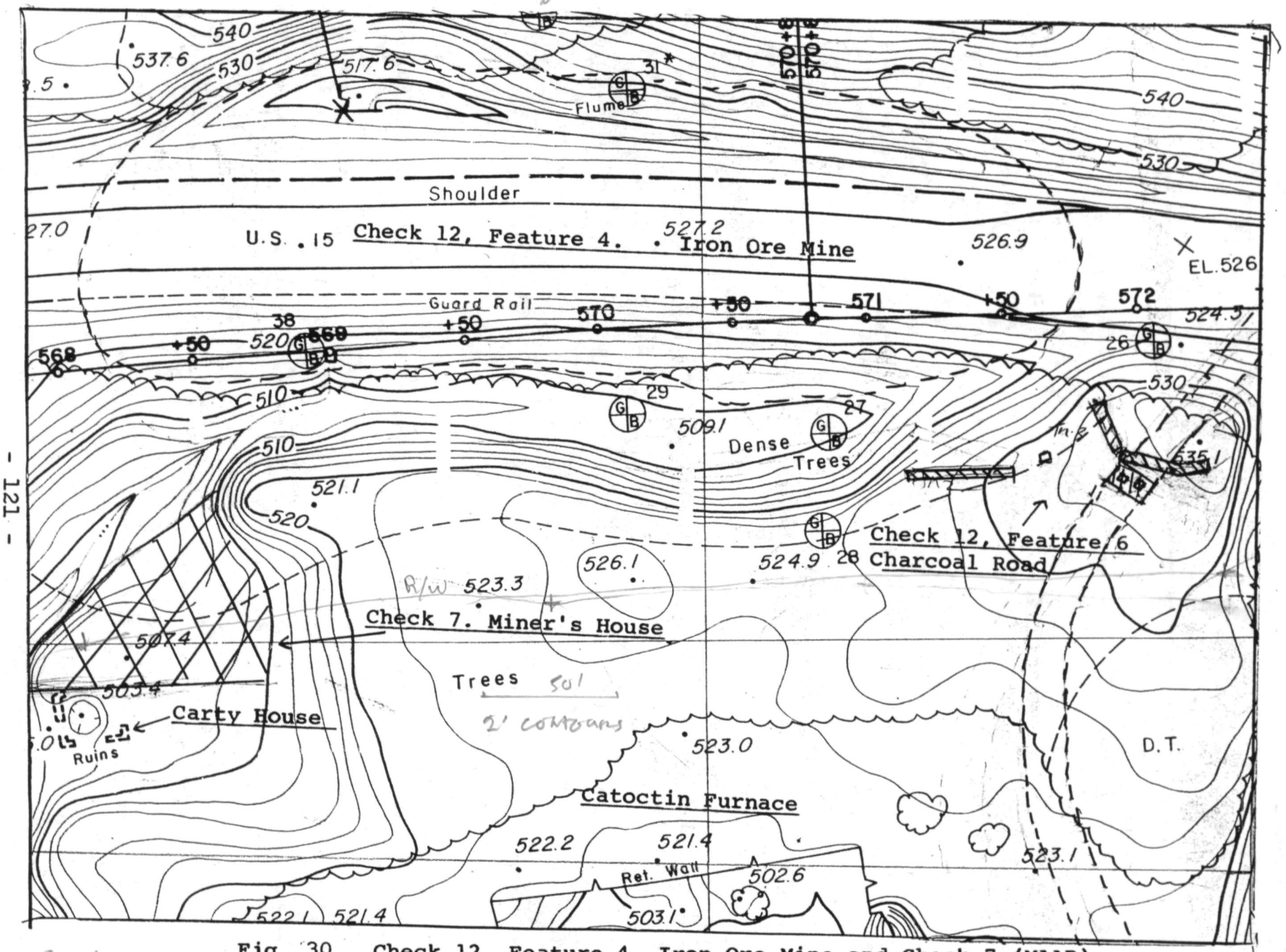


Fig. 30. Check 12, Feature 4, Iron Ore Mine, and Check 7 (MAAR)

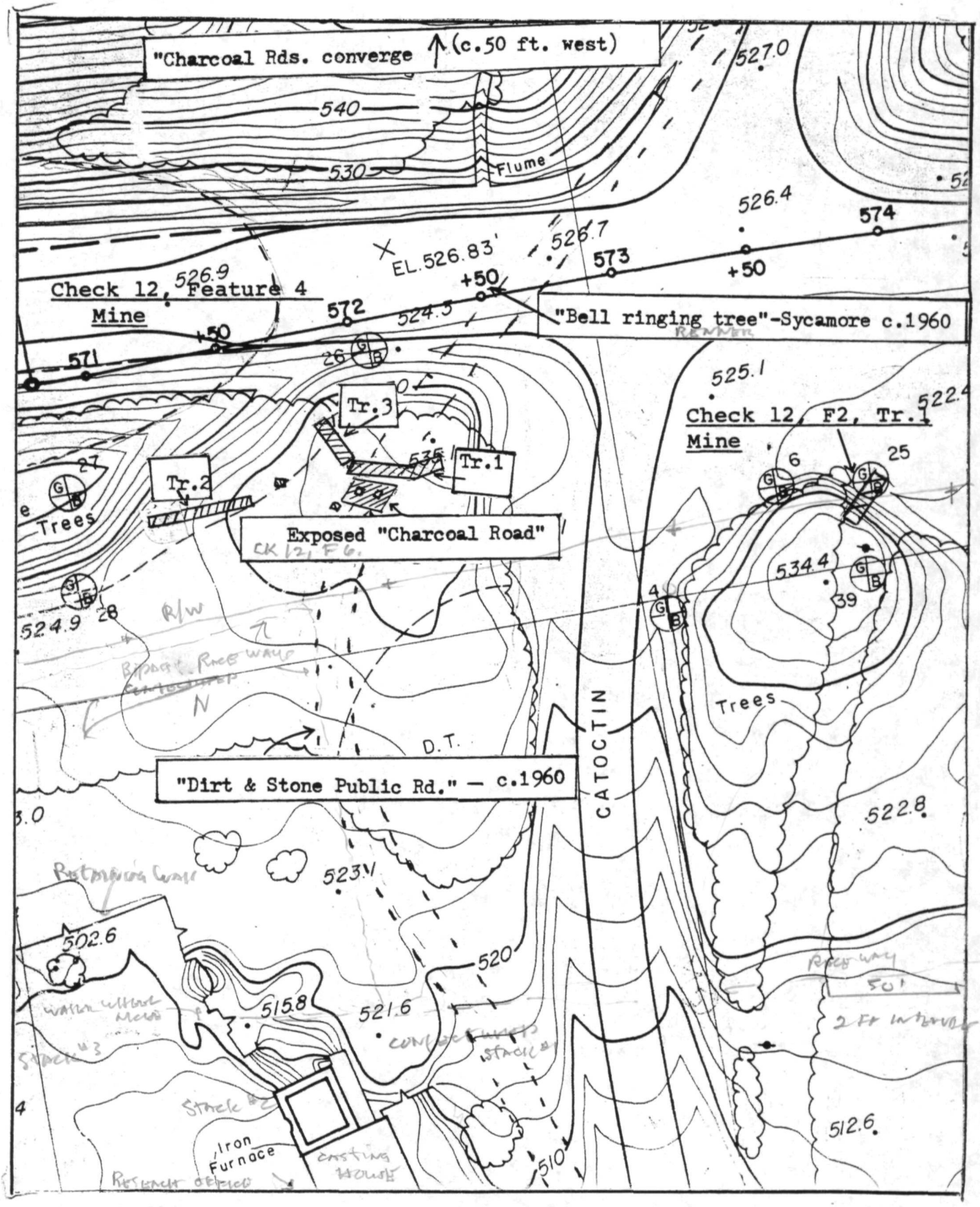


Fig. 31. Check 12, Feature 6, Charcoal Road.

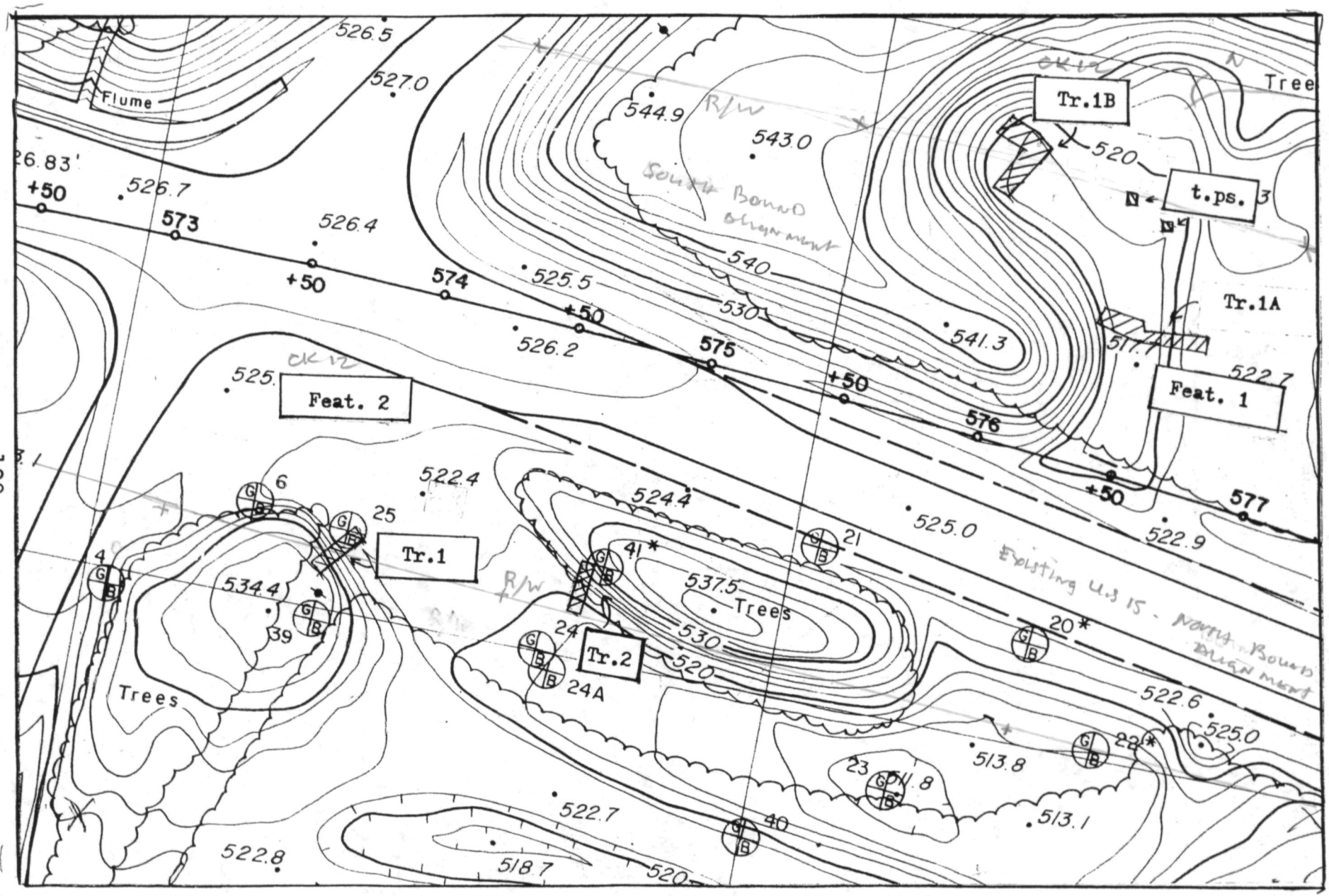


Fig. 29. Check 12, Feature 1 and Feature 2, Iron Ore Mines.

Scale
N
reduce caption

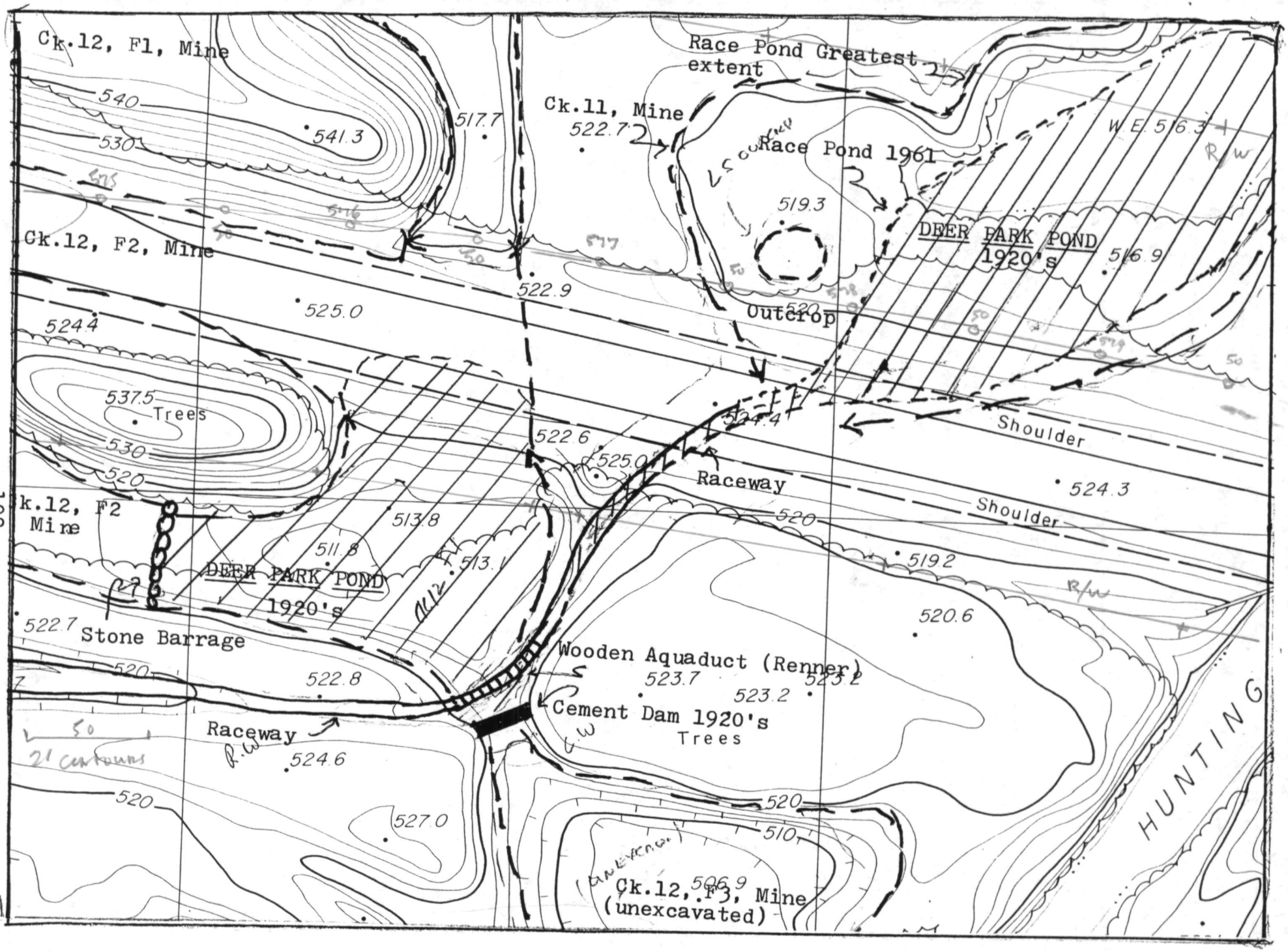


Fig. 22 . Ground Plan Checks 11, 12, F1, F2, and F3.

clean up
Scale
Reduce Caption