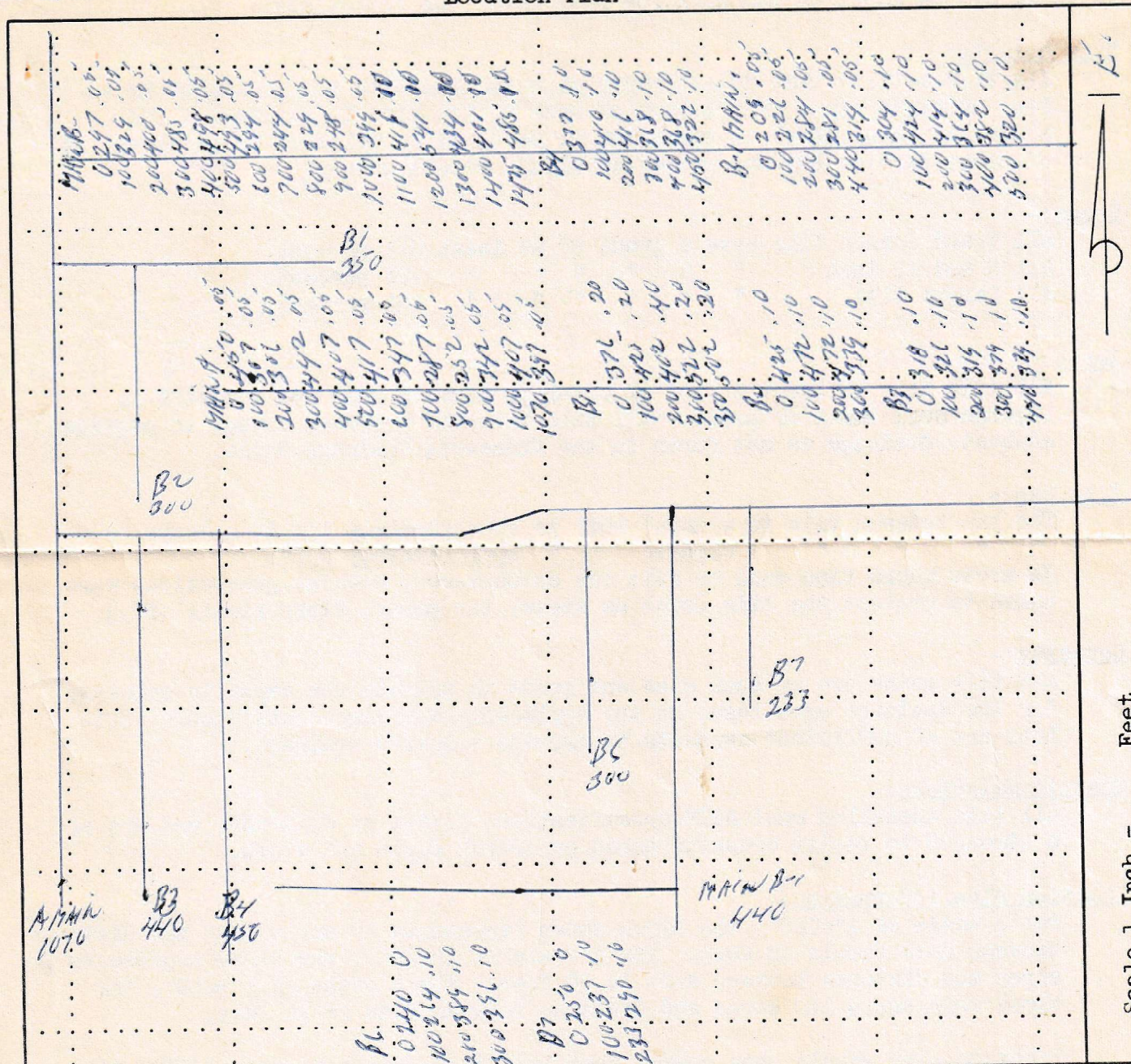


TILE INSTALLATION RECORD
Location Plan



Scale 1 Inch = Feet

-Legend- Farm Boundary _____ Permanent Fence _____ x _____ x Existing Tile Line _____ o _____ o New Tile Installed _____ o _____ o Existing Deep Ditch _____ = _____ = Existing Shallow Ditch _____ < _____ <		Job Name <u>Mrs. Elsie Roesler</u> Sec. <u>9</u> Township <u>Clark</u> County <u>Faribault</u> State <u>Minn.</u> ACP No. _____ Design By _____	
-Amount of Tile Installed- <u>2985</u> Feet of <u>8</u> inch tile <u>2573</u> Feet of <u>6</u> inch tile Feet of _____ inch tile Feet of _____ inch tile		Date Installed <u>5 July 1967</u> Contractor <u>Richard Dulas</u> Type of Machine <u>Brügger</u> Tile Manufacturer(s) <u>Wells Tile</u> Staked By <u>Richard Dulas</u>	

I certify that the information given above is correct and that all tile installed meet the specifications given on the reverse side and applicable specifications in Minnesota Specifications for Conservation Practices No. 207, except as is noted on the drawing or on reverse side under remarks.

By: Richard Dulas
(Signature of Contractor & date)

(Over)

The Tile system shown on the location plan meets the following:-

Tile outlets:-

outlets:-
All tile outlets that do not empty into another tile are protected by 14 feet of rigid pipe. The bottom of each outlet pipe is at least 1 foot above low water level in the ditch or meets other criteria in paragraph 4a of Specification 207 and protected with a rodent guard.

Grade :-

All 5 and 6 inch tile	have a grade of at least	0.1 percent.
All 8 and 10 inch "	" " " " " "	.08 percent.
All larger tile	" " " " " "	.05 percent.

Depth:-

1:- All tile have at least 2 feet of cover in mineral soil and 2.5 feet in organic soil (muck or peat). All tile laterals are deep enough to provide adequate drainage as set forth in the Minnesota Drainage Guide.

Title Gap:-

Gap:-
The gap between tile in mineral soil is approximately $\frac{1}{8}$ to $\frac{1}{4}$ inch.
" " " " " organic " " approximately $\frac{3}{8}$ ".

In areas where fine sand or silt was encountered, special precautions were taken to protect the tile (such as straw, tar paper, fiber glass, etc.)

Capacity:-

Capacity:-
All tile mains are of such size and grade to provide the capacity required for the drainage area based on the applicable drainage coefficient. Outlets are of sufficient capacity to provide required drainage.

Quality Materials:-

Tile Materials:-
All tile installed meet ASTM specifications C4-59T or C412-58T, and are of a strength to resist crushing based on trench depth and width.

Location plan information:-

For a scale of 1"=100', the block shown represents 10 acres, and the distance between dots equals 10 feet. For a scale of 1"=200', the block represents 40 acres and distance between dots is 20 feet. For a scale of 1"=400', the block represents 160 acres and distance between dots is 40 feet.

Location plan should show roads, farm buildings, ditches and existing tile to be used as outlets. Draw in new tile lines to approximate scale and label sizes and lengths. Show location of surface inlets, if any. If field note cut and grade sheets are not attached, the grades of tile main(s) should be shown on the location map whenever more than 4000 feet of tile empty into it or a surface inlet is used. The wetland acres (or watershed acres if systems include an open inlet) should be shown at the outlet of each tile main. Scattered ground elevations or rod shots are helpful in showing slope of field. For large jobs a separate map may be attached.

Remarks and exceptions to specification

B' 360

B2 300

B7 233

B6 300

B + MAIN 440

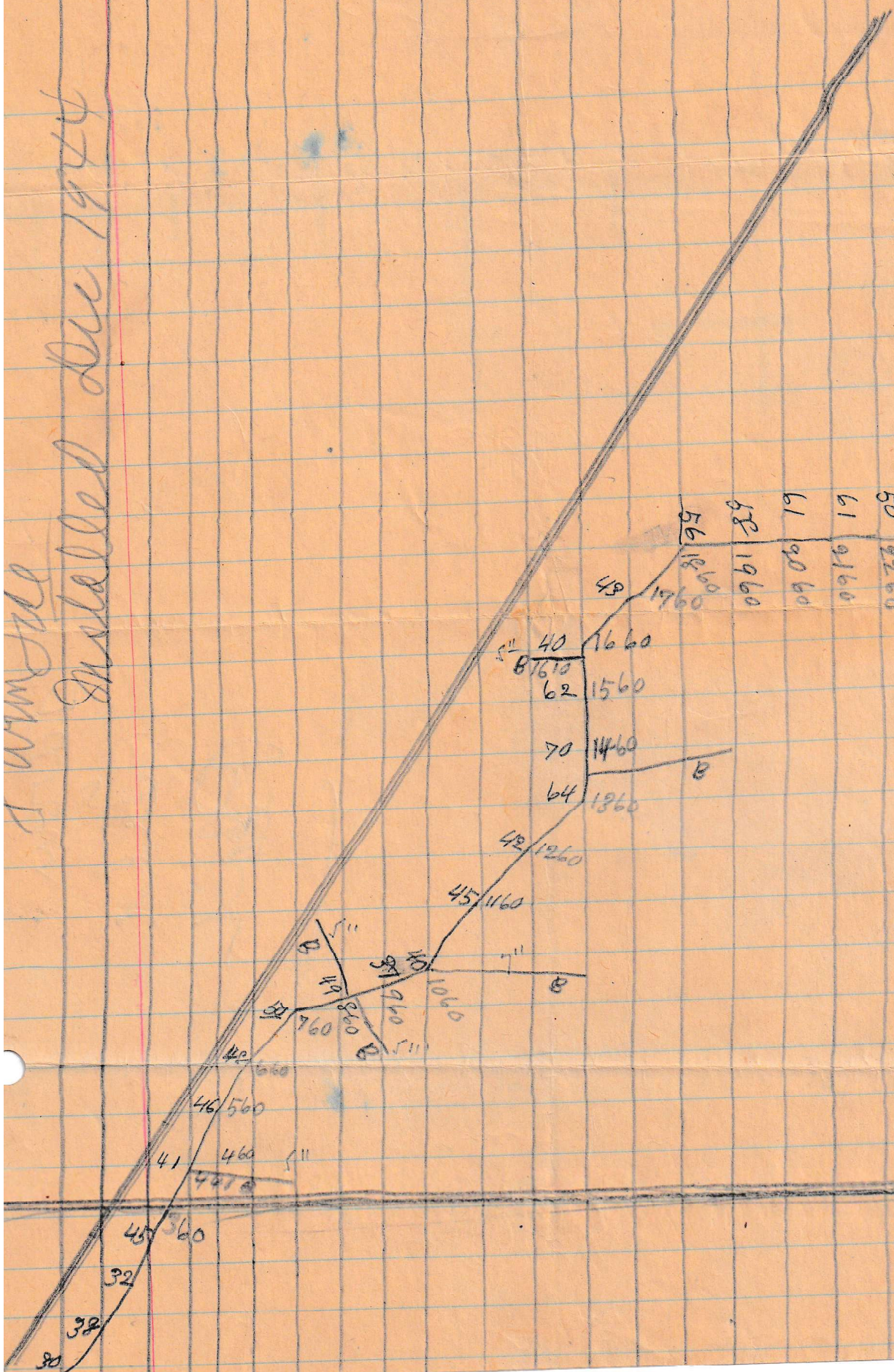
B4 250

B3 240

B
MAIN
1475

A
MAIN
1070

Installed Dec 1944



40 2110
35 2360
50 2260
61 2160
61 2060
58 1960
56 1860

43 1760
40 1660
62 1560
70 1460
64 1360

42 1260
45 1160

34 960
37 860
40 760
46 560
41 460
43 360
32 320
30 300

1060

