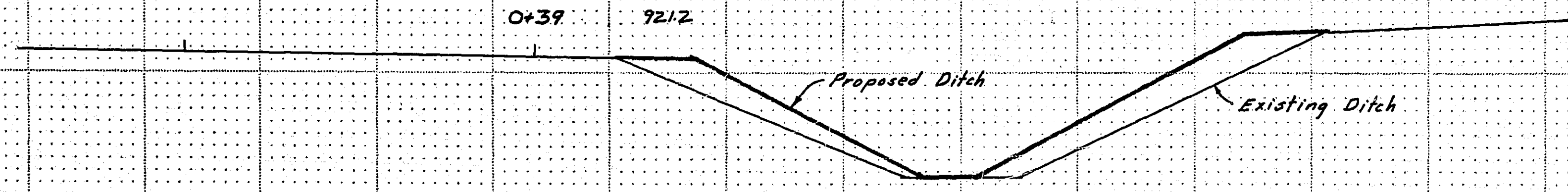
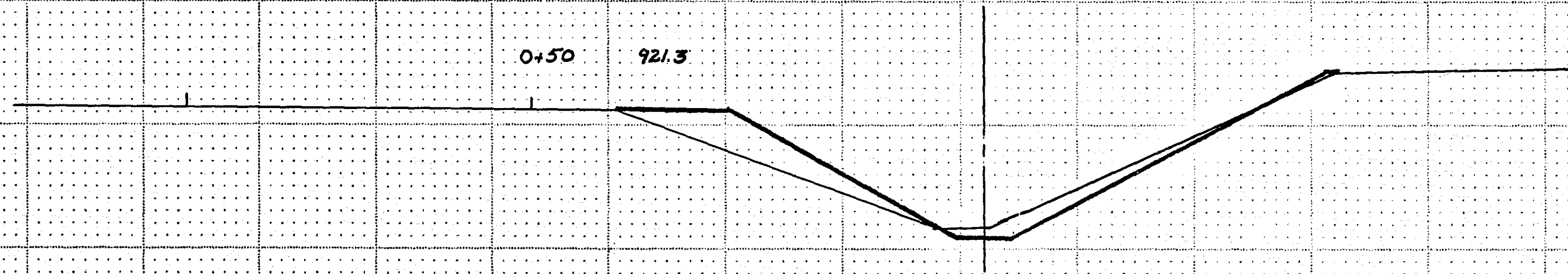
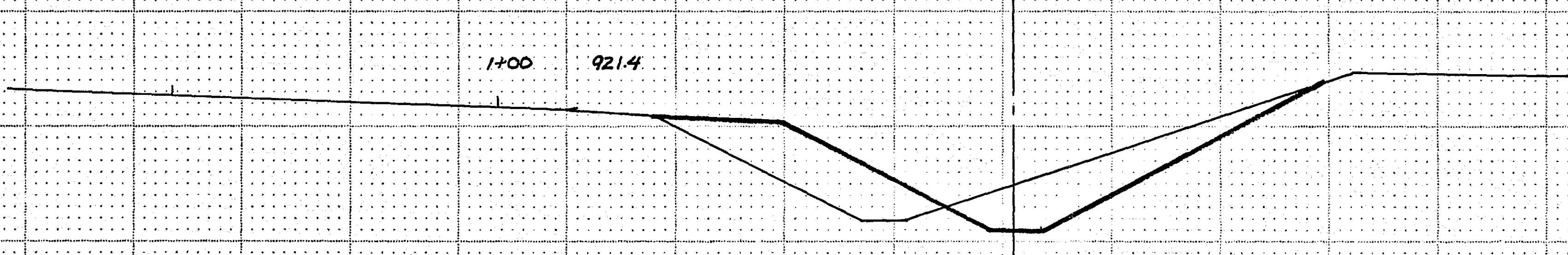
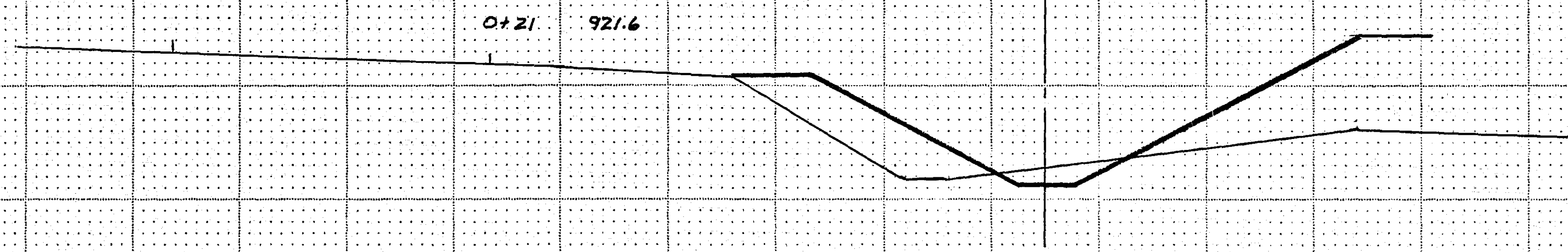


Fed. Proj. No.



E WHITE BEAR AVE.

0+00 921.2

State Proj. No.

Sheet No. 7 of 4 Sheets

21-111

MICROFILMED
SERIALS SECT.

FUNCTIONAL CROSS SECTION - OPEN DOTTED
M. A. DODGE CO. MINNEAPOLIS, ST. PAUL

Fed. Proj. No.

BLDG.

3+23 924.2

3+00 924.1

2+50 924.0

2+00 923.1

1+50 922.2

Proposed Ditch

Existing Ditch

State Proj. No.

Sheet No. 2 of 4 Sheets

MICROFILMED
RAMSEY CO. 5/8/84

FUNCTIONAL CROSS SECTION - OPEN DOTTED
H. A. ROSSER CO. - MINNEAPOLIS - ST. PAUL

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220

Fed. Proj. No.

4+93 921.4

4+77 919.6

4+50 919.0

4+00 919.5

3+88 920.0

3+41 922.9

Existing Profile
Proposed Ditch

MICROFILMED
RAMSEY CO. ENGR.

State Proj. No.

Sheet No. 3 of 4 Sheets

21-111

FUNCTIONAL CROSS SECTION - OPEN DOTTED
H. A. BOESSE CO. - MINNEAPOLIS, ST. PAUL

100 90 80 70 60 50 40 30 20 10 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

Fed. Proj. No.

5+15

919.0

5+00

920.6

Existing Profile

Proposed Ditch

State Proj. No.

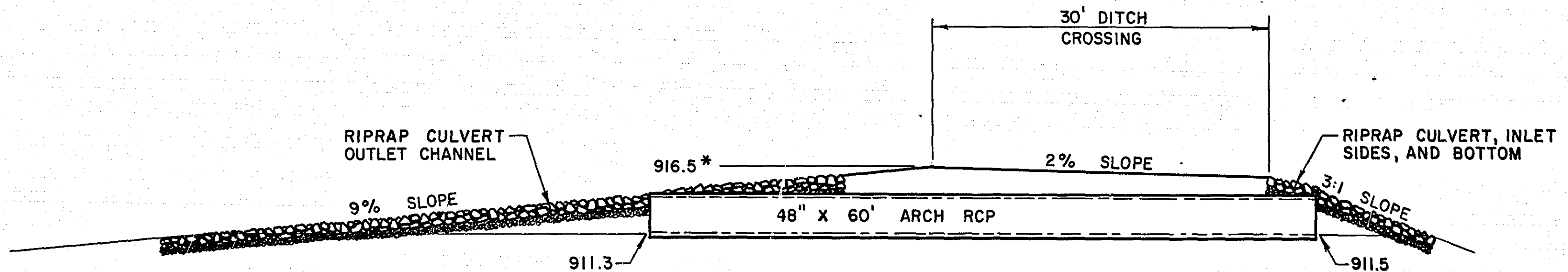
Sheet No. 4 of 4 Sheets

MICROFILMED
RAMSEY CO. ENGR.

21-111

FUNCTIONAL CROSS SECTION OPEN DOTTED
P. A. KODAK CO. MINNEAPOLIS, ST. PAUL

PROFILE SECTION

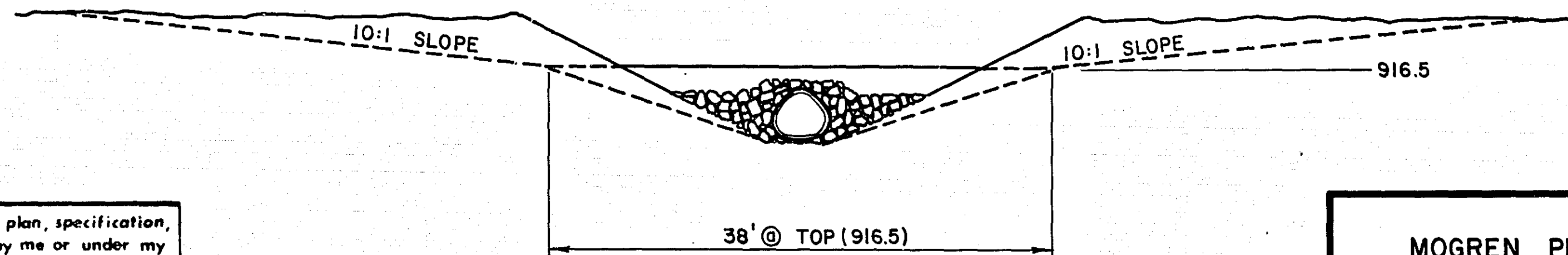


* INTERIM DIKE TOP ELEVATION; CAN BE RAISED
AFTER A MORE DETAILED STUDY OF DETENTION
PONDING UPSTREAM.

NOTE: 3' ROUNDING FOR ALL P.I.'s

ALL RIPRAP SECTIONS - 12" CLASS A
OVER 6" TYPE I FILTER BLANKET

END SECTION



MICROFILMED
RAMSEY CO. ENGR.

I hereby certify that this plan, specification,
or report was prepared by me or under my
direct supervision and that I am a duly
Registered Professional Engineer under
the laws of the State of Minnesota.

Daniel W. Schacht

Date 10-4-78 Reg. No. 11654

MOGREN PROPERTY
DRAINAGE EASEMENT CROSSING

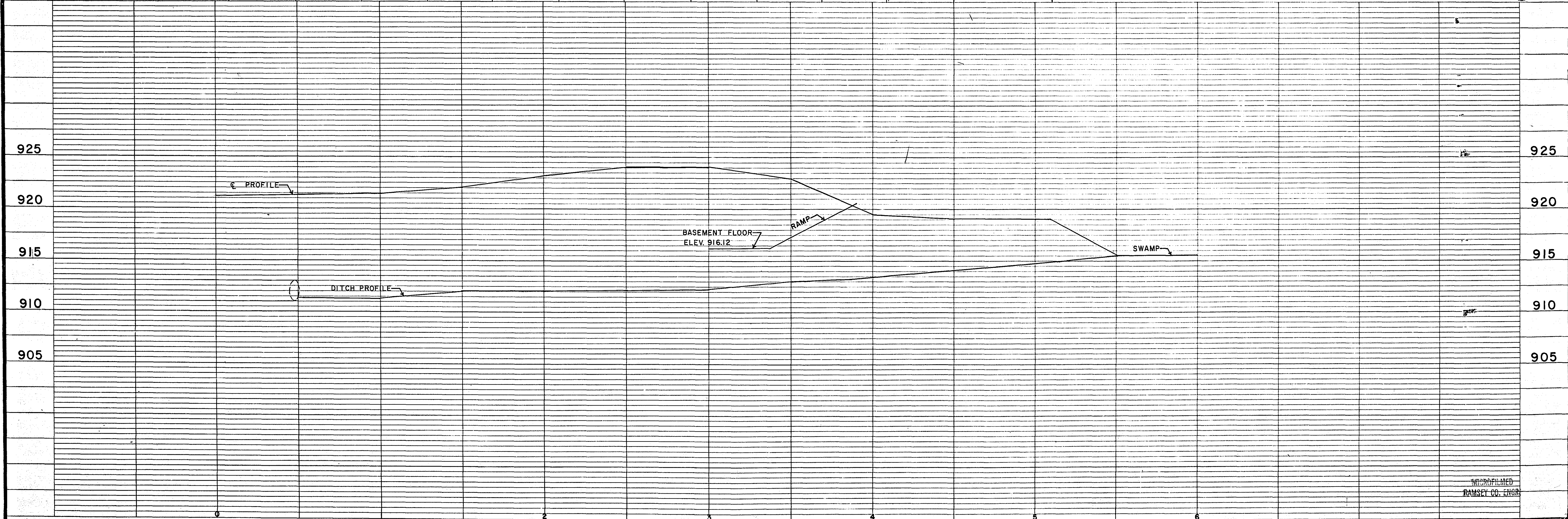
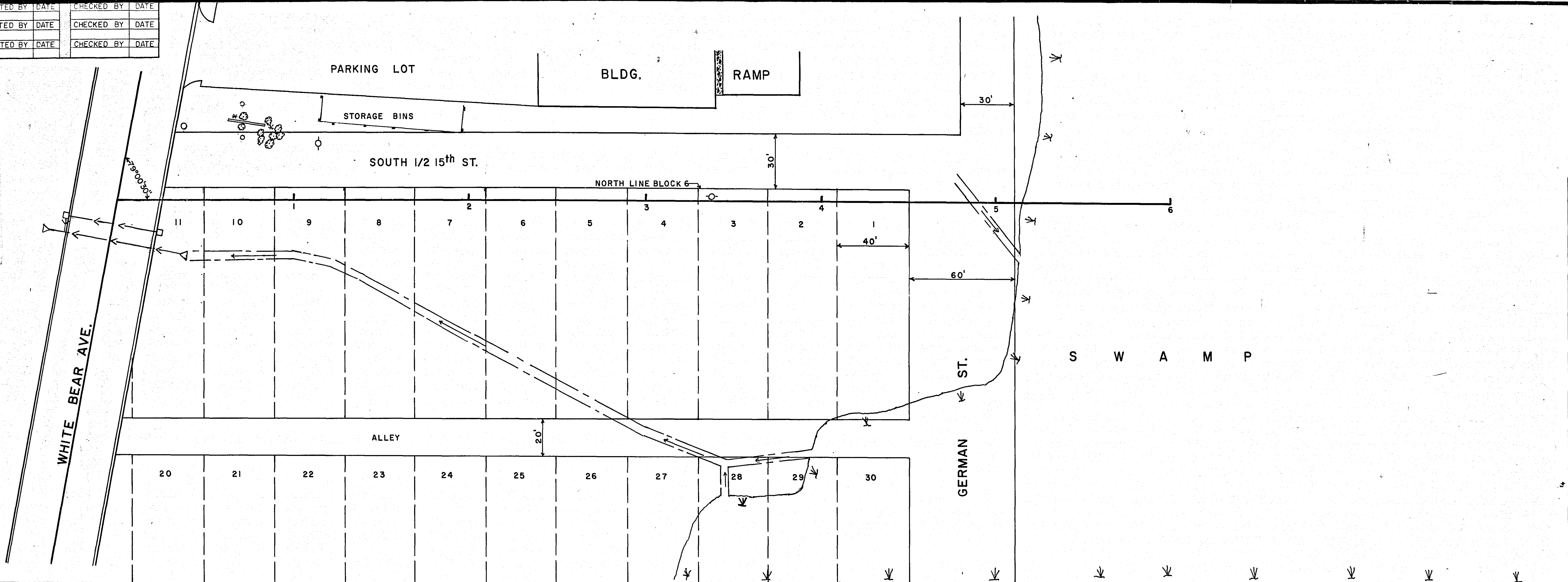
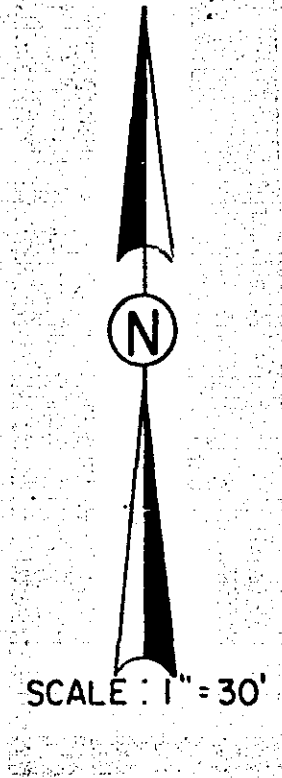
RAMSEY COUNTY ENGRS. DEPT.

10/04/78

DESIGNED BY DGS DRWN BY JET

21-111

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE



MICROFILMED
RAMSEY CO. ENGR.

