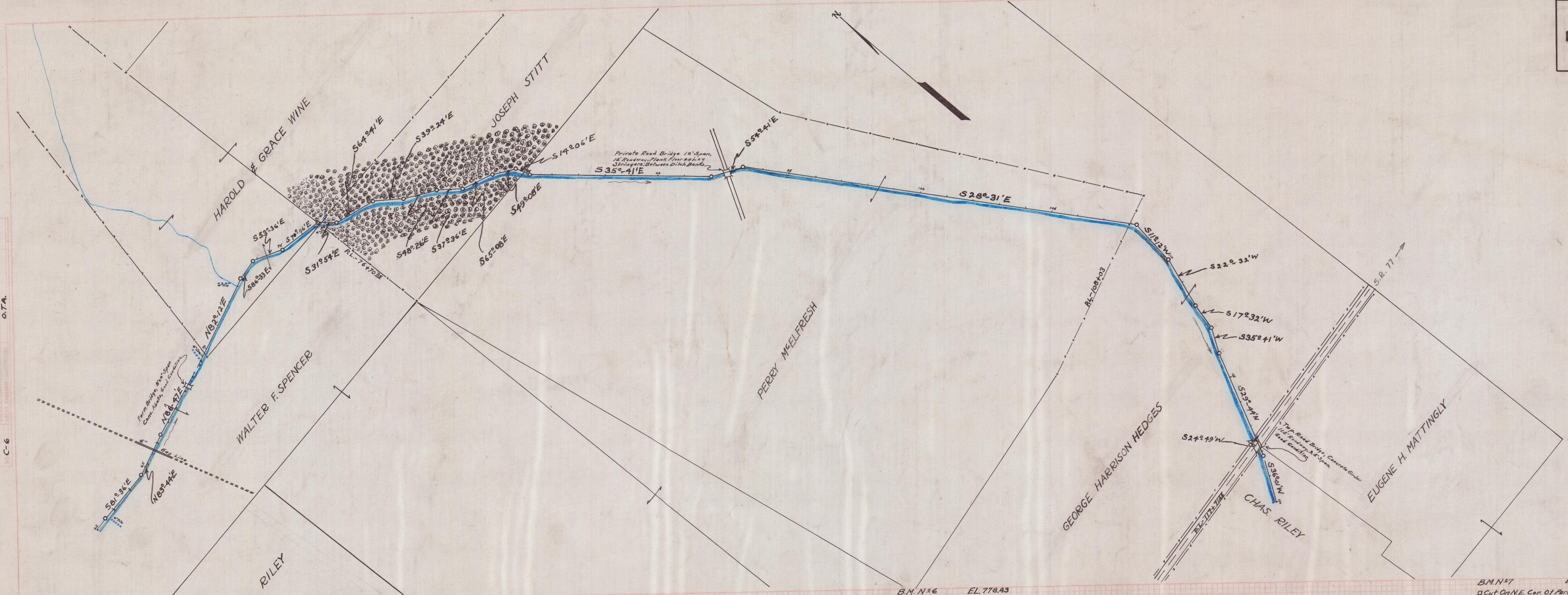


LYE RUN DITCH
LICKING & MUSKINGUM TWP.
MUSKINGUM COUNTY, OHIO

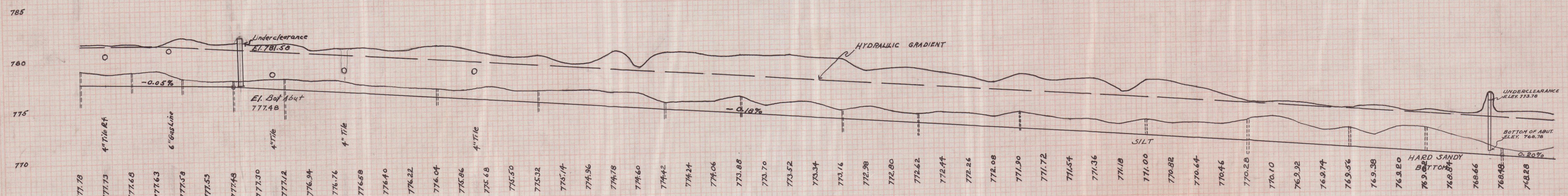
11-14-41
H.W. L.
J.H.R.
C.H.R.
O.P.A.
C-6



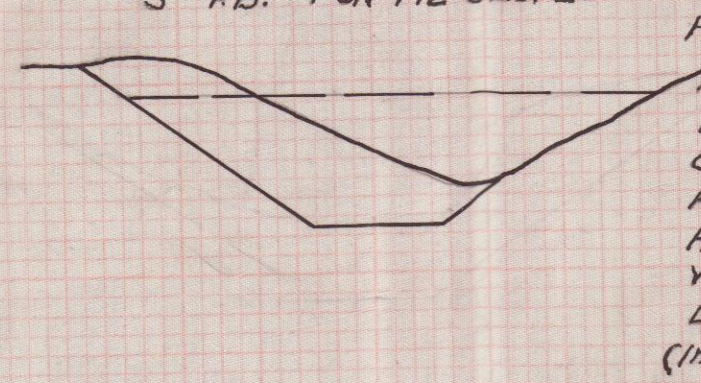
B.M. N^o 5 EL. 782.93
2 Nails in Root of Tamar Maple
60' To R.L. Sta. 681.34

B.M. N^o 6 EL. 778.43
2 Nails (Ground) in E. Side
10' Ash On E. of Sta. 941.06

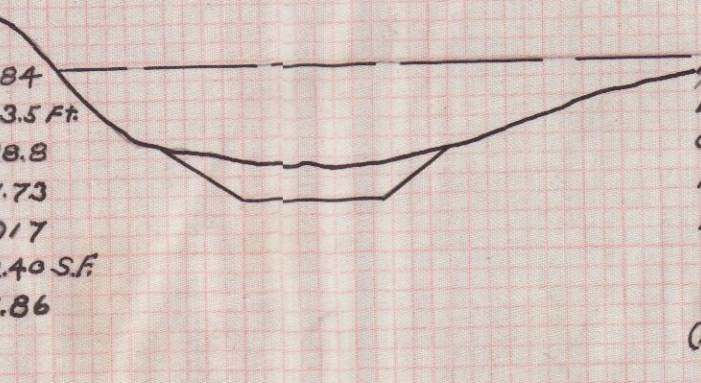
B.M. N^o 7 EL. 772.46
Cut On N.E. Cor. of Parapet Wall
Of Conc. Bridge 117+



CROSS SECTION 72+00
3' F.B. 1 ON 1 1/2 SLOPES



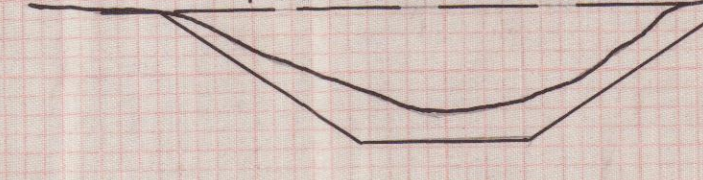
CROSS SECTION 74+00
4' F.B. 1 ON 1 1/2 SLOPES



CROSS SECTION 98+00
4' F.B. 1 ON 1 1/2 SLOPES



CROSS SECTION 117+00
4' F.B. 1 ON 1 1/2 SLOPES



HYDRAULIC DATA

ACRES DRAINED	- 88.4
EFFECTIVE DEPTH	- 3.5 FT.
CROSS SECTION AREA	- 28.8
HYDRAULIC RADIUS	- 1.73
HYDRAULIC SLOPE	- .0017
VELOCITY	- 2.40 SF.
DISCHARGE CAP.	- 1.86

(Inches Runoff Per 24 hrs.)

HYDRAULIC DATA

ACRES DRAINED	111.0
EFFECTIVE DEPTH	3.5 FT.
CROSS SECTION AREA	34.5
HYDRAULIC RADIUS	1.65
HYDRAULIC SLOPE	.0017
VELOCITY	2.35 SF.
DISCHARGE CAP.	1.74

(Inches Runoff Per 24 hrs.)

HYDRAULIC DATA

ACRES DRAINED	118.0
EFFECTIVE DEPTH	3.6 FT.
CROSS SECTION AREA	30.5
HYDRAULIC RADIUS	1.79
HYDRAULIC SLOPE	.0017
VELOCITY	2.45 SF.
DISCHARGE CAP.	1.60

(Inches Runoff Per 24 hrs.)

HYDRAULIC DATA

ACRES DRAINED	122.7
EFFECTIVE DEPTH	3.8 FT.
CROSS SECTION AREA	38.5 SF.
HYDRAULIC RADIUS	2.13
HYDRAULIC SLOPE	.0017
VELOCITY	2.82 SF.
DISCHARGE CAP.	2.11

(Inches Run off Per 24 hrs.)

