PLAN
SURVEYED
PLOTTED
NOTE BOOK
No.
DRAWN
ALIGNMENT CHECKED
RT. OF WAY CHECKED
DATE

SEE SHEET NO. 4

(2)

5

200.90'

6" WATERMAIN

150'

W.M. CROSSING

400 L.F.

225 L.F.

BRANDON

33 Rd Ave nw

AVENUE

225 L.F.

150'

BRAD ST.

60'

SEE SHEET NO. 8

(1)

3

1

150.16'

150.11'

6" WATERMAIN

150.11'

330 L.F.

80'

40'

30'

EXT 33rd Ave SEWER

SEE SHEET NO. 7

SEE SHEET NO. 2

180°

155°

1950
1940
1930
1920

ORIGINAL GROUND LINE

PROPOSED STREET GRADE

8' MIN. COVER

.004/FT.

.0119/FT.

8" SANITARY SEWERMAIN

6" WATERMAIN

MH NO. 0
W-E INV. 1919.00
N INV. 1919.10
APPROX. MH DEPTH 9.5'

MH NO. 2
N-S INV. 1920.70
APPROX. MH DEPTH 9.5'

MH NO. 3
N-E-W INV. 1923.25
APPROX. MH DEPTH 11'

MH NO. 4
N-S INV. 1926.06
APPROX. MH DEPTH 12.5'

MH NO. 5
S INV. 1929.99
N INV. 1930.09
APPROX. MH DEPTH 8'

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
No.
DRAWN
CHECKED
S.M.V. NOTED
STRUCTURE LOCATIONS CHECKED
DATE

SEE SHEET NO. 4

(4)

14

8

1

72'

161.91'

24.81'

37 St NW

WALKER

KEMBERLY

35 Ave nw

AVENUE

310 L.F.

307.43 L.F.

6" WATERMAIN

W.M. CROSSING

89.57'

60'

30'

18

33

10 St NW

CAMERON AVENUE

(3)

1960
1950
1940
1930
1920

PROPOSED STREET GRADE

ORIGINAL GROUND LINE

8' MIN. COVER

.0347/FT. SLOPE

.004/FT.

8" SANITARY SEWERMAIN

6" WATERMAIN

MH NO. 12
W&E INV. 1927.94
N INV. 1928.04
APPROX. MH DEPTH 9.5'

MH NO. 13
N&S INV. 1936.80
APPROX. MH. DEPTH 9.5'

MH NO. 14
N-S INV. 1949.56
APPROX. MH DEPTH 10'

MH NO. 15
N&S INV. 1950.80
APPROX. MH DEPTH 10'

MH NO. 16
S INV. 1952.03
APPROX. MH DEPTH 8.5'

SEE SHEET NO. 8

SCALE
HORZ 1"=40'
VERT 1"= 10'

K&E PLATE 2, FLAT PLAN-PROFILE
KEUFFEL & ESSER CO
48 7032 MADE IN U.S.A.

Toman Engineering Company
Civil & Enviromenial Consultants
P. O. Box 708 P. O. Box 852
Mandan, ND Bolssevain, Man R0G 0E0

SHEET NO. 6 OF 12 SHEETS