PLANS

STREET IMPROVEMENTS

WOODLAWN PLACE

REISS AND GOODNESS ENGINEERS
2160 E. DOUGLAS WICHITA-KANSAS
1974

REISS & GOODNESS ENGINEERS
Consulting Engineers
2160 E. DOUGLAS AVE.
WICHITA, KANSAS 67214

PROJECT: STREET IMPROVEMENTS
SUBDIVISION: WOODLAWN — PLACE
DATE: 5-8-74
REVISIONS
7-8-74
SHT. 1 OF 1 SHTS.

B. M. 1377.76 TOP PIPE IN THIMBLE
E 1/4 COR SEC 1-27-1E U.S.G.S. DATUM
SUBTRACT 1187.62 FROM U.S.G.S. ELEVATIONS
TO CONVERT TO CITY DATUM

NOTE:
ALL CURB RETURNS HAVE A 20' RADIUS
TO BACK EDGE OF CURB.

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SCALE:
HORIZ: 1" = 40'
VERT: 1" = 4'

EDGEMOORE DRIVE

MAINSGATE ROAD

CONCRETE PIPE STORM SEWER
SEE DETAILS ON SHEET 4

STA. 3+48.49 P.C.
T.C. 65.09

STA. 3+94.13 ℄ CURB INLET
STRUCTURE
T.C. 64.73

STA. 5+31.46 CURB INLET STRUCTURE
T.C. 66.22

CONSTRUCT
CONCRETE VALLEY GUTTER

STA. 3+37.48 P.C.
T.C. 65.08

PRIVATE DRIVE

CURB RADIUS 1013.95 - 1054.96
Δ = 16° 47' 30"

T.C. 65.80

30.99

T.C. 65.50

STA. 2+97.16 P.T.
T.C. 65.54

CONSTRUCT
CONCRETE
VALLEY GUTTER

℄ DRIVE RADIAL
STA. 6+23.16

PROPERTY LINE

STA. 7+61.74 PT
T.C. 69.24

DIRECTION OF DRAINAGE

20' RADIUS TYPICAL

STA. 1+95.54 BEG. RET.
T.C. 67.80

STA. 0+00 P.C.
T.C. 68.99

15' 31.88 15'

T.C. 67.50 T.C. 67.70

T.C. 67.80

STA. 3+17.32

T.C. 65.50

3' 27.88

T.C. 65.80

20' RADIUS
TYPICAL

PRIVATE DRIVE

30'

CONSTRUCT CONC.
DRIVE APPROACH

T.C. 69.55

℄ STA. 7+91.04

STA. 10+11.74 P.C.
T.C. 69.16

CONSTRUCT
CONCRETE
VALLEY GUTTER

CONSTRUCT
CONCRETE VALLEY
GUTTER

41.88

STA. 3+88.22 ℄ CURB INLET
STRUCTURE
T.C. 64.83

STA. 3+09.17 P.T.
T.C. 65.54

CURB RADIUS 426.47 - 467.47
Δ = 52° 00'

T.C. 67.80

T.C. 67.50 T.C. 67.70 STA. 1+95.42 BEG. RET.
T.C. 67.80

STA. 0+00 P.C.
T.C. 69.00

4' WIDE CONCRETE SIDEWALK WITH
OUTSIDE EDGE ON PROPERTY LINE
0.4' ABOVE TOP OF CURB

PROPERTY LINE

STANDARD CITY OF WICHITA COMBINED
CONCRETE CURB AND GUTTER
(SEE SHEET NO. 81)

STA. 7+36.54 P.T.
T.C. 69.26

T.C. 69.90

T.C. 69.90

℄ STA. 8+76.04

T.C. 69.68

T.C. 69.62

T.C. 69.80

42'

25'

60'

25'

PRIVATE DRIVE

T.C. 69.70

T.C. 69.41

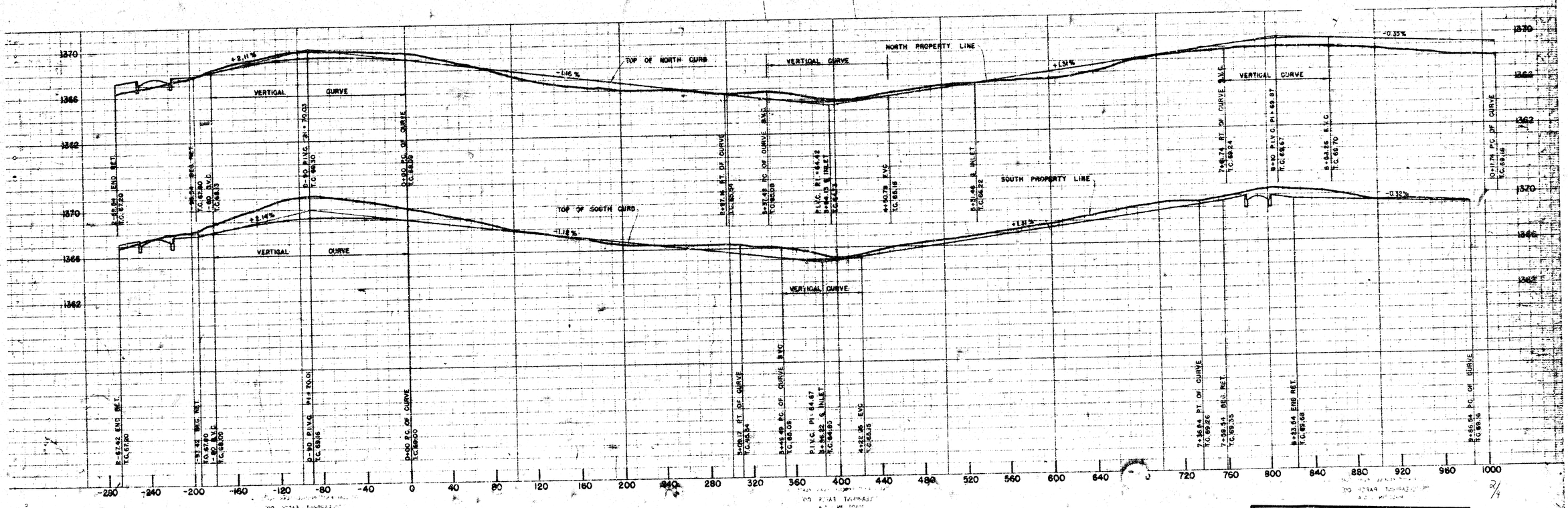
41.88

STA. 9+86.54 P.C.
T.C. 69.16

NOTE:
ALL VALLEY GUTTER SHALL BE 6"
UN-REINFORCED CONCRETE WITH
INTEGRAL CURB.

℄ 82' WIDE DRAINAGEWAY

USE CITY OF WICHITA STANDARD
DRIVE (RAMP TYPE)



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SCALE:
HORIZ: 1" = 40'
VERT: 1" = 4'

STANDARD CITY OF WICHITA COMBINED CONCRETE CURB AND GUTTER (SEE SHEET NO. 8)

DIRECTION OF DRAINAGE

MAINSGATE

CURB RADIUS 242.49 - 283.49
Δ = 52°36'30"

STA. 10+11.74 P.C.
T.C. 69.16

STA. 12+34.39 P.T.
T.C. 68.38

PRIVATE DRIVE

PRIVATE DRIVE

4' WIDE CONCRETE SIDEWALK WITH OUTSIDE EDGE ON PROPERTY LINE 0.4 ABOVE TOP OF CURB

℄ STA. 11+05.21

STA. 9+86.54 P.C.
T.C. 69.16

20' RADIUS TYP

PRIVATE DRIVE

STA. 12+46.84 P.T.
T.C. 68.33

℄ RADIAL

CONSTRUCT CONCRETE VALLEY GUTTER

STA. 13+99.85 ℄ R.C.B.
T.C. 67.80

FL 61.10

℄ CURB INLET STRUCTURES W/12" CONC. PIPE CONNECTOR
14+47.55 AND 14+57.55
T.C. 67.63 AND T.C. 67.72

STA. 15+17.47 P.C.
T.C. 68.35

PROPERTY LINE

FL 65.00
FL 63.30
24" CONC. PIPE W/FLARED END SECTION (SEE PROFILE)

FL 64.10
FL 65.00

STA. 15+29.92 P.C.
T.C. 68.43

CONSTRUCT A DOUBLE 8'x5' OPENING REINFORCED CONCRETE BOX CULVERT SEE DETAILS ON SHEET NO. 6

81°23'30"

STA. 14+06.10 ℄ R.C.B.
T.C. 67.82

PRIVATE DRIVE

℄ CURB INLET STRUCTURES W/12" CONC. PIPE CONNECTOR
14+60 AND 14+70
T.C. 67.65 AND T.C. 67.74

CURB RADIUS 679.19 - 720.19
Δ = 17°36'30"

STA. 18+11.11 END CURB
T.C. 75.50

STA. 17+38.80 P.T.
T.C. 73.80

FL 73.00

EXTEND PAVING TO WOODLAWN

20' RADIUS TYP

STA. 17+38.63 P.T.
T.C. 73.80

FL 72.50

STA. 18+10.96 END CURB
T.C. 75.50

70'-24" CONC. CULVERT WITH FLARED END SECTIONS

EXISTING ASPHALT PAVING

℄ WOODLAWN AVENUE

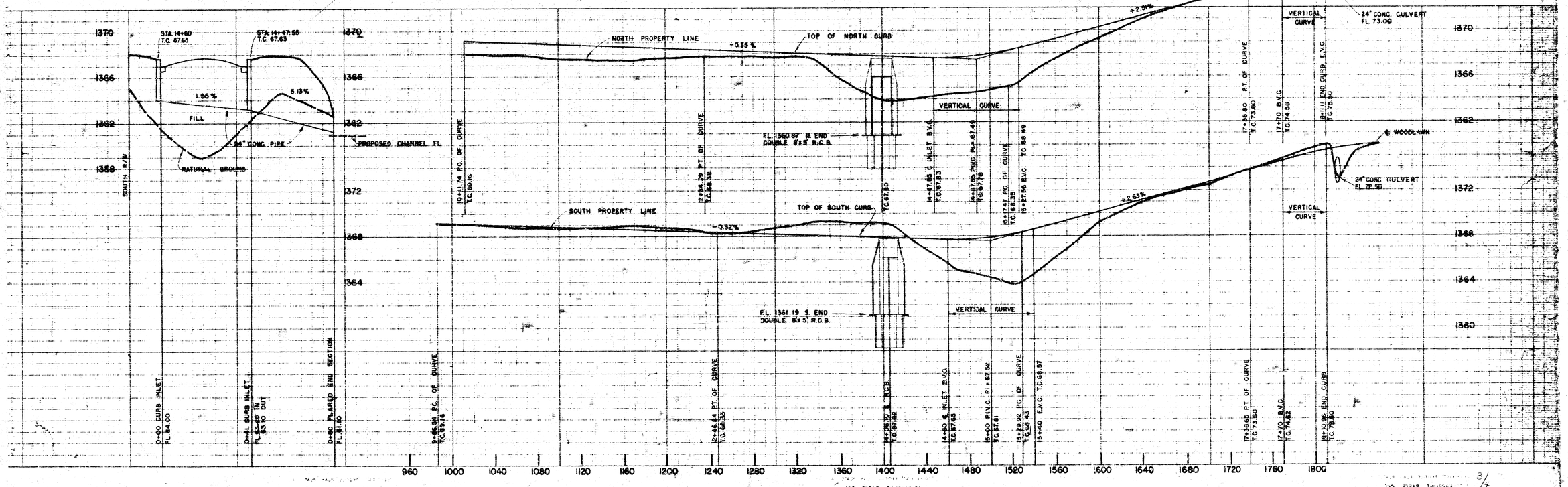
℄ 130' WIDE DRAINAGEWAY

℄ WOODLAWN

24" CONC. CULVERT
FL. 73.00

℄ WOODLAWN

24" CONC. CULVERT
FL. 72.50



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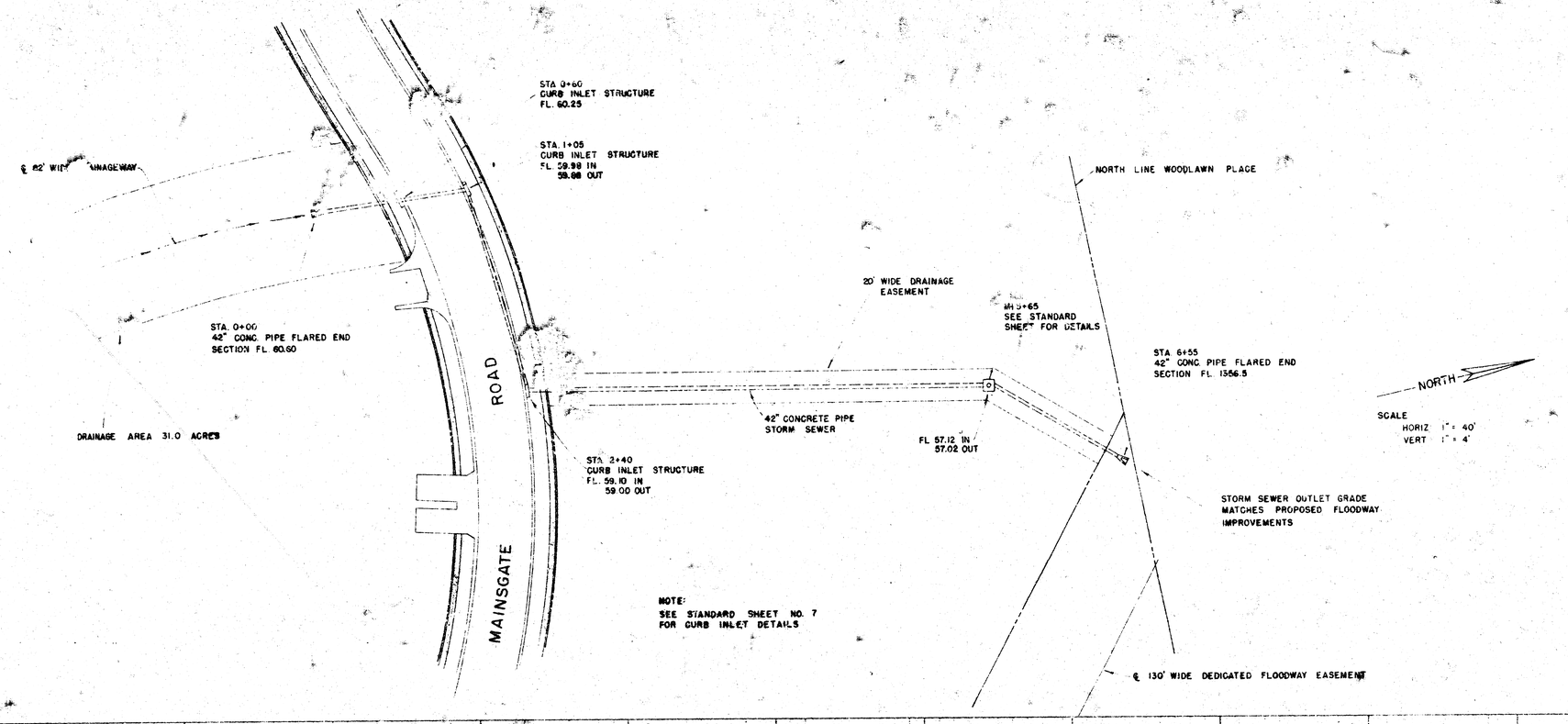

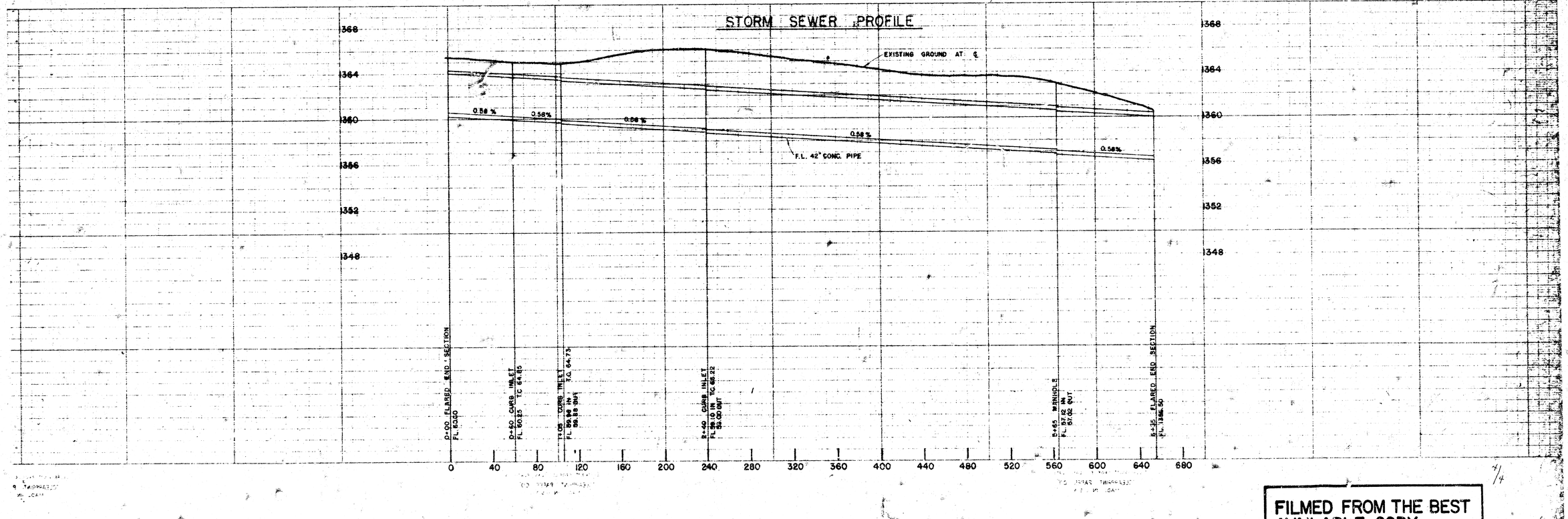

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