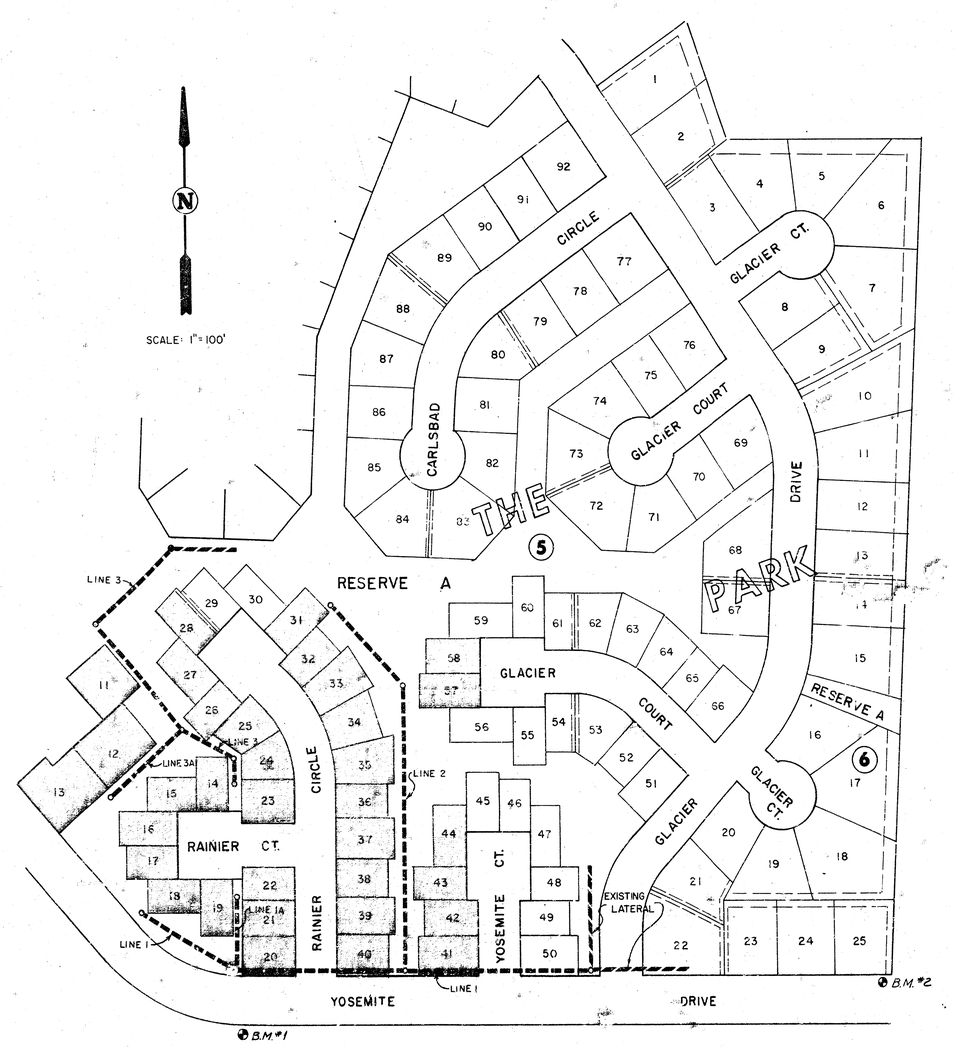
LATERAL 87, SW INTERCEPTOR SEWER

PROJECT NO.
468-76-245-80257-000-000-001

CITY OF WICHITA, KANSAS
DEAN SELLERS, ACTING CITY ENGINEER

NOTE: FIELD ENGINEER SHALL SET TOPS OF RISERS AS DIRECTED BY THE ENGINEER. RISERS AND ADDITIONAL PIPE SHALL BE INSTALLED AS REQUIRED. FINAL CONSTRUCTION GRADE SHALL BE ESTABLISHED BY THE ENGINEER. TOPS OF THE RISERS SHALL BE SET AT THE FINAL GRADE. TOPS OF RISERS SHALL BE SET TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED. ALL RISERS SHALL BE CONSTRUCTED SO THAT THE TOPS OF THE RISERS SHALL BE SET TO THE FINAL GRADE. EXCAVATION OF THE RISERS AND BACKFILLING AROUND THE RISERS SHALL BE SUCH THAT ALL SETTLEMENT ARE DEVELOPED.



INDEX TO DRAWINGS

SHT. NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1, 1A, 2, 3, 3A

Kenneth H. Bingham

Van Doren - Hazard - Stallings
Architects • Engineers • Planners
Topeka Wichita Minneapolis

Sheet 1 of 2

B.M.#1 139.58 R.P. spk. top mulberry stump in fc. E-W. 1000 ft. w. of S.E. cor. N.W. ¼ Sec. 5-28-1 near S. line Yosemite 80 ft. west of Rainier Cir.

B.M.#2 · 128.38 City Disc 65' N. 13' W. S.E. cor. N.W. ¼ Sec. 5-28-1W

Sta. 0+00 - Line 1 = ~~Lot 87~~ = Sta. 19+40.9 - Line 1 - Lot 89 Existing Manhole.

Sta. 2+~~37~~.00 - Line 1 = Sta. 0+00 - Line 2 Const. Std. Type ~~Manhole~~ "C" M.H.

Sta. 1+~~42~~.00 - Line 1A Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (NE) ✓

Sta. 5+~~46~~.00 - Line 1 = Sta. 0+00 - Line 1A Const. Std. Type ~~Manhole~~ "C" M.H.

Sta. 7+~~19~~.00 - Line 1 Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (N) ✓

GLACIER DRIVE

YOSEMITE DRIVE

YOSEMITE CT.

RANIER CIR.

50 · 49 · 48 · 41 · 42 · 43 · 40 · 39 · 38 · 20 · 21 · 22 · 19 · 18

287 L.F. 8" Pipe @ 0.4%

259 L.F. 8" Pipe @ 0.85%

173 L.F. 8" Pipe @ 0.64%

110 L.F. 8" Pipe @ 0.4%

Top M.H. Elev = 133.9 · Top M.H. Elev = 135.0 · Top M.H. Elev = 136.2 · Top M.H. Elev = 137.5 · Top M.H. Elev = 136.2 · Top M.H. Elev = 136.2

Scale: 1" = 50' Horz. 1" = 5' Vert.

RANIER CIRCLE

YOSEMITE DRIVE

Sta. 0+00 - Line 2 = Sta. 2+~~37~~.00 - Line 1 Const. Std. Type ~~Manhole~~ "C" M.H.

Sta. 5+~~46~~.00 - Line 2 Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (SW) ✓

Sta. 4+19.00 - Line 2 Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (SE) ~~(NW)~~ ✓

Sta. 2+07.~~5~~ - Line 2 Const. Std. Type ~~Manhole~~ "C" M.H.

RES. 'A'

40 · 39 · 38 · 37 · 36 · 35 · 34 · 33 · 32 · 31 · 41 · 42 · 43 · 44 · 57 · 58

Scale: 1" = 50' Horz. 1" = 5' Vert.

Sta. 4+~~42~~.00 - Line 3 Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (NE) ✓

Exist. Lateral

Sta. 0+00 Exist'g. M.H.

Sta. 3+~~88~~.00 - Line 3 = Sta. 0+00 - Line 3A Const. Std. Type ~~Manhole~~ "C" M.H.

Sta. 1+~~72~~.00 - Line 3 Const. Std. Type ~~Manhole~~ "C" M.H.

29 · 28 · 27 · 26 · 25 · 24 · 23 · 14 · 15 · 16 · 17 · 11 · 12 · 13

RANIER COURT

Sta. 5+~~44~~.00 - Line 3 Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (SE)

Sta. 1+50.~~88~~ - Line 3A Const. Std. Type ~~Manhole~~ "C" M.H. & 4" Stub (NW & SE)

Scale: 1" = 50' Horz. 1" = 5' Vert.

210 L.F. 8" Pipe @ 1.0% · 210 L.F. 8" Pipe @ 0.44% · 163 L.F. 8" Pipe @ 1.0% · 169 L.F. 8" Pipe @ 1.0% · 210 L.F. 8" Pipe @ 0.4% · 89 L.F. 8" Pipe @ 0.4% · 43 L.F. 8" Pipe @ 0.4% · 150 L.F. 8" Pipe @ 0.4%

Top M.H. Elev = 135.0 · Top M.H. Elev = 134.7 · Top M.H. Elev = 137.3 · Top M.H. Elev = 139.1 · Top M.H. Elev = 136.4 · Top M.H. Elev = 136.9 · Top M.H. Elev = 139.6 · Top M.H. Elev = 139.3 · Top M.H. Elev = 139.0 · Top M.H. Elev = 139.6 · Top M.H. Elev = 139.7

Cut Bill Flat 5-5-91