SANITARY SEWER
LAT. 278, SOUTHWEST INTERCEPTOR

CITY OF WICHITA, KANSAS

M.E. LINDEBAK CITY ENGINEER

CITY PROJECT NO. 468 - 76 - 245 - 81930 - 000-000-001
INDEX NO. 608091

MAY, 1989

IMPROVEMENT DISTRICT DESCRIPTION

Lots 1 through 7 inclusive, and Lots 18 through 22 inclusive, Block A, Sunridge Addition.

Lots 9 through 20 inclusive, Block A, Teel Brook Estates.

NOTES:

1. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 687-2470

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

CABLEVISION	262-4270 OR 263-2061
K.P. & L. GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
ARKLA GAS COMPANY	942-8350 OR 263-8161
SOUTHWESTERN BELL TELEPHONE COMPANY	571-2611
CITY OF WICHITA WATER DEPARTMENT	3-4908
CITY OF WICHITA SEWER MAINTENANCE	68-4071

2. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

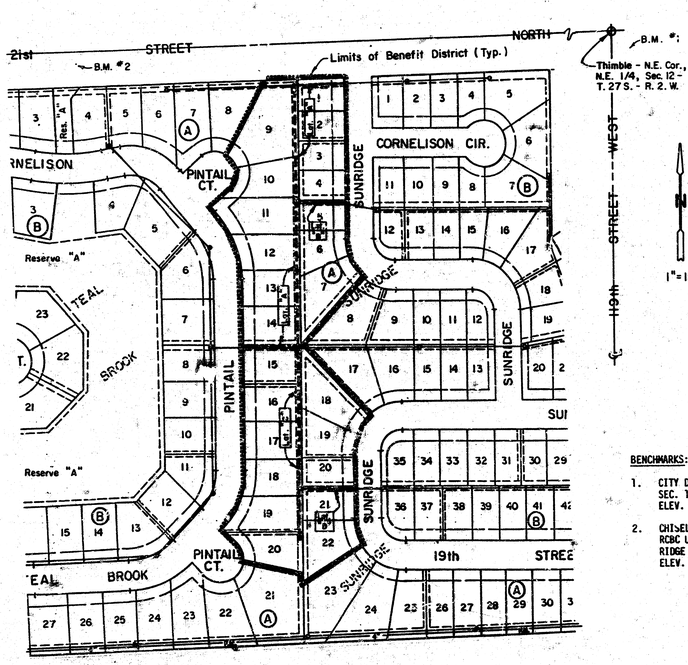
3. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

5. UNLESS OTHERWISE SPECIFIED ON THE PLANS, MANHOLES MAY BE TYPE "P" OR "C". MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.

6. TRAFFIC WILL NOT BE AFFECTED IN THIS AREA OF CONSTRUCTION.

7. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.



BENCHMARKS: (CITY DATUM)

1. CITY DISC, 79' SOUTH & 46' EAST OF NE CORNER SEC. 12, T27S, R2W. ELEV. = 172.08

2. CHISELED "□" ON CTR. SOUTH HUBGUARD, 7' X 3' RCBC UNDER 21ST N. 470' WEST OF NW COR, SUNRIDGE ADDITION. ELEV. = 164.08

INDEX

Sheet No.	Description
1	Cover Sheet
2	Plan & Profile - Lat. "A"
3	Plan & Profile - Lats. "B", "C", "D"

Basis PER Plan
RAL
1-90

DON C. MOEHRING LICENSED 3463 KANSAS PROFESSIONAL ENGINEER

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA

1 of 3

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PLAN — SURVEYED — PLOTTED — NOTE BOOK — BENCH MARK — NO. — DRAFTED — CHECKED — ALIGNMENT CHECKED — PVT. OF MAT CHECKED — DATE — BY

STA. 1+20- Construct Std. Type "P" or "C" M.H. 1-8" Stub (E)

N

1" = 40' Horiz. 1" = 5' Vert.

TEAL

PINTAIL

BROOK

IDENTICAL POINTS

Proposed 42" SWS

STA. 1+20

Exist. 8" S.S. (Lat. 279, SW Interceptor)

20' Drng. Esm't

Lat. "C" (See Sheet 3)

ESTATES

BEGIN LAT. "A"- STA. 0+00- Connect to existing 8" pipe

Proposed 42" S.W.S.

Prop. 8" San. Sewer (Lat. 276, SW Interceptor)

STA. 4+39.01- Construct Std. Type "P" or "C" M.H.

SUNRIDGE

Lat. "B" (See Sheet 3)

Proposed 8" San. Sewer (Lat. 279, SW Interceptor)

STA. 6+98.01- Construct Std. Type "P" or "C" M.H. 1-8" Stub (W)

~~STA. 8+13.07~~ 8+23.1 - END LAT. "A" 1- Temp. 8" Plug. Do Not plug or backfill until line has been televised and air tested and accepted by the City of Wichita.

Prop. 8" San. Sewer

STA. 6+98.01

15' U.S.L. & Util. Esm't

Prop. 8" San. Sewer (Lat. 276, SW Interceptor)

LATERAL "A"

PROFILE — SURVEYED — PLOTTED — NOTE BOOK — BENCH MARK — NO. — STRUCTURE NOTATIONS CHECKED — DATE — BY

Existing 8" San. Sewer

Exist. Ground

Top Rim = 161.5

120 L.F. 8" Pipe @ 0.95%

Out (W) = 149.90
Lt. In (N) = 150.00
Lt. In (E) = 149.90
Rt. In (S) = 150.00 (8" Stub)

Existing Ground

Top Rim = 161.5

Prop. 42" S.W.S.

1.24' Clear

319.01 L.F. 8" P.V.C. Pipe at 0.30%

Out (W) = 149.90
Lt. In (N) = 150.00
Rt. In (E) = 149.90
Rt. In (S) = 150.00

Top Rim = 162.5

259 L.F. 8" P.V.C. Pipe at 0.30%

Top Rim = 165.0

Top Rim = 165.0

Exist. Ground

Future Street Profile

Prop. 8" Water Top = 160.30

115.06 L.F. 8" Pipe @ 1.65%

0 | 1 | +20 | 1 | +20 | 2 | 3 | 4 | +39.01 | 5 | 6 | +98.01 | 8 | +13.07

165 160 155 150 145

KEUFFEL & ESSER PLATE 1. PLAN-PROFILE

48 7024 Made in U.S.A.

MOEHRING & ASSOCIATES — CONSULTING ENGINEERS — Proj. No. 468 76 245 81930 000 000 001

Sheet 2 of 3

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PLAN — SURVEYED / PLOTTED / NOTE BOOK / NO. — BY / DATE — ALIGNMENT CHECKED / GRADES CHECKED / AS MAPPED / AS CONSTRUCTED

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / NO. — BY / DATE — GRADES CHECKED / AS MAPPED / AS CONSTRUCTED (DATUMS CHK'D)

N

1"= 40' Horiz.
1"= 5' Vert.

TEAL

SUNRIDGE

BROOK

ESTATES

STA. 0+00, LAT. "B"= STA. 4+39.01, LAT. "A" ~~Connect to existing M.H.~~

℄ 20' Util. Esm't.

Lat "A" See Sht. 2

STA. ~~1+10~~ 1+15.5 END LAT. "B". 1 - Temp. 8" Plug. Do not plug or backfill until line has been televised and air tested and accepted by the City of Wichita.

LATERAL "B"

Prop. 8" San. Sewer

STA. 0+00, LAT. "C"= STA. 1+20, LAT. "A"- ~~Connect to existing M.H.~~

STA. 3+27- Construct Std. Type "P" or "C" M.H.

LAT. "A"

LAT. "D"

LATERAL "C"

STA. 0+00, LAT. "D"= STA. 3+27, LAT. "C"- ~~Connect to existing M.H.~~

STA. 1+27 - END LAT. "D" Construct Std. Type "P" or "C" M.H. 1 - 8" Stub (E)

STA. 4+30 - END LAT. "C" Construct Std. Type "P" or "C" M.H. 4" Stubs (E) & (W)

Lat. "C"

LATERAL "D"

110 L.F. 8" Pipe @ 1.55%

Top Rim= 162.5
Exist. Ground
FL Out (S)= 152.96
FL In (E)= 153.06
FL In (N)= 150.96
FL = 152.10

327 L.F. 8" Pipe @ 0.60%

Top Rim= 161.5
Exist. Ground
FL Out (W)= 149.90
FL In (N)= 150.00
FL In (E)= 149.90
FL In (S)= 150.00
FL = 150.60
FL = 151.20
FL = 151.66

103 L.F. 8" Pipe @ 0.6%

Top Rim= 162.8
Top Rim= 164.2
FL Out (N)= 151.96
FL In (E)= 152.06
FL In (S)= 151.96
FL = 152.40
FL Out (N)= 152.60
FL 4" Stubs = 152.94

127 L.F. 8" Pipe @ 0.94%

Top Rim= 162.8
Top Rim= 162.4
Exist. Ground
Finished Grade
FL Out (N)= 151.96
FL In (E)= 152.06
FL In (S)= 151.96
FL = 153.00
FL Out (W)= 153.25
FL Stub = 153.25

165 160 155 150 145

0 1 +10 0 1 2 3 +27 4 +30 0 1 +27

KEUFFEL & ESSER A KN&E Company — PLATE 1, PLAN-PROFILE — 46 7024 Made in U.S.A.

MOEHRING & ASSOCIATES — CONSULTING ENGINEERS

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Sheet 3 of 3

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