CONSTRUCTION PLANS FOR

LATERAL 65

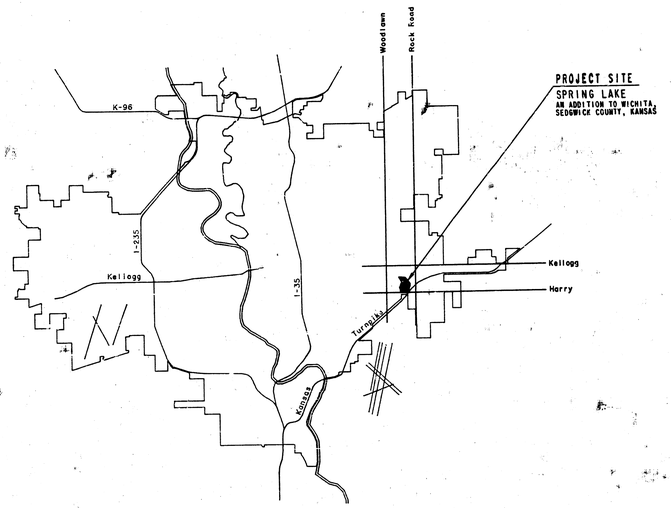
OF THE

WAR INDUSTRIES SEWER

THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER



LOCATION MAP

CITY OF WICHITA PROJECT NO. 468-76-245-80976-000-000-001

MARCH, 1985

PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

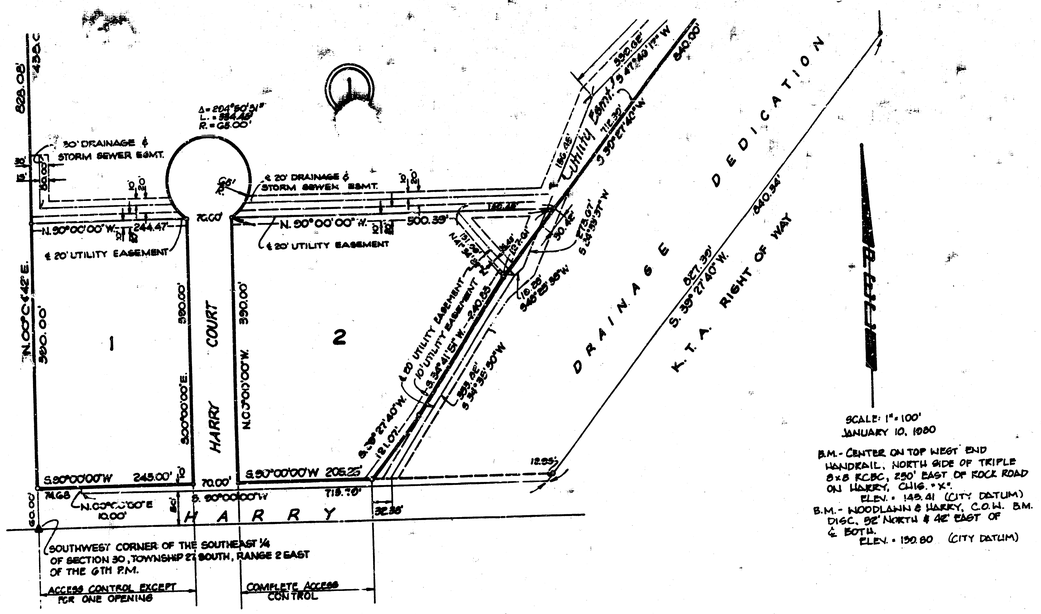
ENGINEERS

WICHITA, KANSAS

DANIEL LYNN MOORE LICENSED 9055 KANSAS PROFESSIONAL ENGINEER

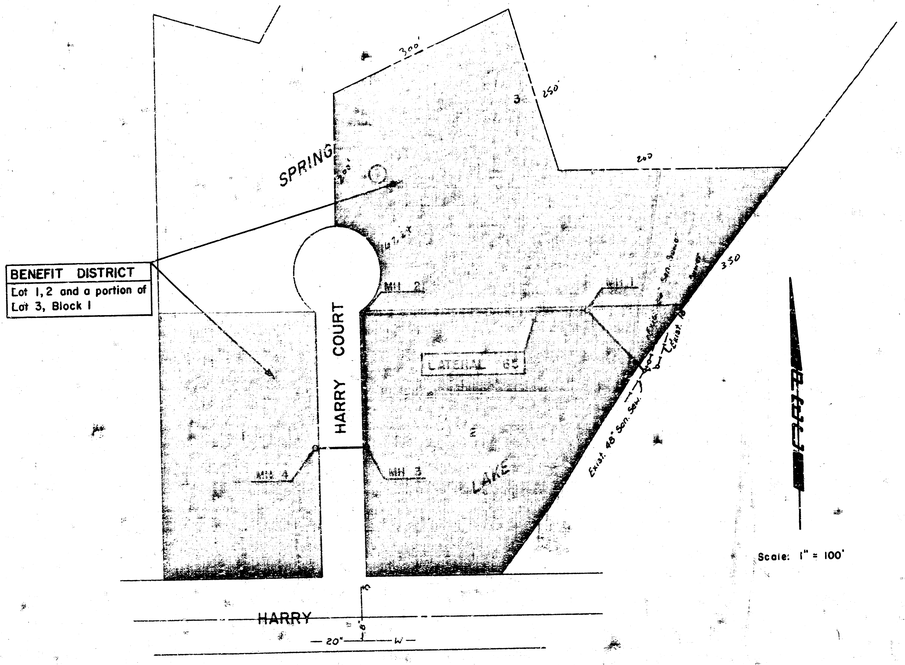
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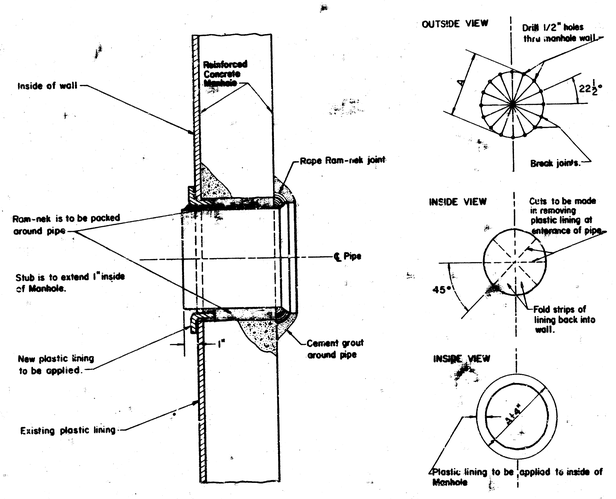
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GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
2. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM (USGS-1187.4 = CITY DATUM).
3. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHTS AND WEEKENDS TO LESS THAN 50 FEET.
4. AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICE COMPANY, K.G. & E., THE WICHITA WATER DEPARTMENT, AND AIR CAPITAL CABLEVISION.
5. THE CONTRACTOR MUST ALSO NOTIFY THE TELEPHONE COMPANY AT (913) 571-2115 48 HOURS PRIOR TO BEGINNING EXCAVATION AND REQUEST THAT ANY LINES WITHIN THE PROJECT AREA BE FLAGGED.
6. THE BURIED UTILITIES AS LOCATED ON THE PLANS ARE APPROXIMATE LOCATIONS ONLY. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE OTHER ITEMS OF WORK.
9. ALL EXCESS EXCAVATED MATERIAL FROM THIS PROJECT SHALL BE WASTED ON SITE. NO EXCESS MATERIAL SHALL BE PLACED WITHIN STREET RIGHTS-OF-WAY. THE CONTRACTOR SHALL CONTACT THE DEVELOPER FOR INFORMATION PERTAINING TO ACCEPTABLE LOCATIONS FOR THE DISPOSITION OF WASTE MATERIAL. WASTE MATERIAL SHALL BE BLADED SMOOTH AND SLOPED TO DRAIN. THIS WORK SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
10. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
11. WHERE CONNECTION TO AN EXISTING SEWER IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SANITARY SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING FLOW SHALL BE APPROVED BY THE ENGINEER. COST OF MAINTAINING FLOW THROUGH CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.





DETAIL OF PIPE CONNECTION TO REINFORCED CONCRETE MANHOLE

DARYL LYNN MOORE LICENSED 9055 KANSAS PROFESSIONAL ENGINEER

No.	Revision	By	Date

LATERAL 65 OF THE WAR INDUSTRIES SEWER

KEY MAP

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-80976-000-000-001

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by DLM, RFJ | Job No. 34-85093-2 | Sht. 2 of 3
Drawn by GLM, TLS | Date March 1985

2/3

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Sta. 0+00.0
Break into exist. reinforced concrete MH and install pipe. See detail, sht. no. 2

Sta. 1+23.6
Const. MH 1
Outside Drop MH
Type B

Sta. 4+74.4
Const. MH 2
Standard MH
Type A

Sta. 6+68.75
Const. MH 3
Standard MH
Type A

Proposed 8" Waterline by others

Sta. 7+48.5
Const. MH 4
Standard MH
Type A

49.85

SPRING

HARRY COURT

LAKE

Install 3-6" Stubs and Plugs

Install 80.0 L.F. 8" Pipe

Construct 25 L.F. 8" Concrete Encasement

Install 194.5 L.F. 8" Pipe

Install 350.4 L.F. 8" Pipe

Install 123.6 L.F. 8" Pipe

As Built 7-85

SCALE
0 40 80
PLAN: Lat. & Long.
PROFILE: Horiz. same as above
Vertical 5 0

DARREL LYNN W. DORR
LICENSED
9055
KANSAS
PROFESSIONAL ENGINEER

BM - North bolt on fire hydrant @ NE corner of Harry Court & Harry Elev. = 143.75 (City Datum)

Existing MH Top Elev. = 135.18

MH 1 Top Elev. = 137.85

MH 2 Top Elev. = 139.89

MH 3 Top Elev. = 140.06

MH 4 Top Elev. = 140.09

Proposed Ground (by others)

Existing Ground

E INV = 133.48 (6") From 3-6" Stubs

123.6 LF 8" Pipe @ 2.00%

350.4 LF 8" Pipe @ 0.40%

194.5 LF 8" Pipe @ 1.88%

80.0 LF 8" Pipe @ 1.28%

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00

150 145 140 135 130 125 120 115 110

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

CITY OF WICHITA, KANSAS
LATERAL 65
OF THE
WAR INDUSTRIES SEWER
MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-00976-000-000-001

Job No. 34-85023-02
Date March 1985
Designed by DLM, RFJ
Drawn by GM
Sht 3 of 3

PLAN: SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, R/T OF WAY CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M.'S TIED TO, NOTE BOOK, NO., BY, DATE

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