SANITARY SEWER PLANS FOR

HANLEY COMMERCIAL

PRIVATE PROJECT NO.

213 PPS

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

MAY, 1989

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.

2. 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 IN ACCORDANCE WITH STATE LAWS.

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

KANSAS ONE-CALL	1-800-344-7233

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

ARKLA GAS COMPANY	942-8350 or 263-8161
SOUTHWESTERN BELL TELEPHONE COMPANY	1-316-1-571-2611
CABLEVISION	262-4270 or 262-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4071

4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

5. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.

6. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT. POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL AREAS ON OR NEAR SPOIL AREAS. NATURAL DRAINAGE WAYS SHALL BE MAINTAINED.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW FOR SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE APPROVED BY THE ENGINEER. COST OF MAINTAINING SEWAGE FLOW THROUGH CONSTRUCTION SHALL BE CONSIDERED SUBSIDIARY TO THE OTHER ITEMS OF WORK.

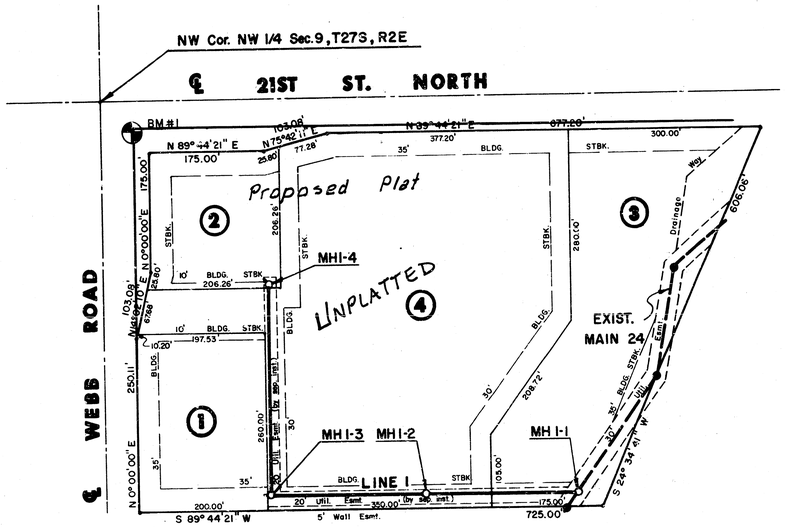
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CITY DATUM = USGS MSL - 1187.4

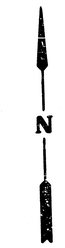
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10. THE COST OF CONCRETE CRADLES SHALL BE CONSIDERED SUBSIDIARY TO THE PRICE BID FOR SEWER PIPE INSTALLATION.

11. ALL EXISTING GRASSED AREAS WHICH ARE DISTURBED OR DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE RESTORED TO ORIGINAL CONDITIONS AND RESEEDED IN LIKE KIND. COSTS SHALL BE CONSIDERED SUBSIDIARY TO OTHER BID ITEMS. APPLICATION RATE FOR THE VARIOUS SEED MIXTURES SHALL BE AS APPROVED BY THE ENGINEER. SEEDING SHALL CONFORM TO APPLICABLE REQUIREMENTS OF STANDARD SPECIFICATIONS.

12. ALL INSIDE SURFACES OF CONCRETE MH 1-1 SHALL BE COATED WITH TWO (2) COATS TNEMEC SERIES 66 HI-BUILD EPOXOLINE, DRY THICKNESS OF EIGHT (8) MILS (MIN.).





NOTICE TO CONTRACTOR

INSPECTION AND TESTING ON THIS PROJECT [illegible] BY A LICENSED CONSULTING ENGINEERING [illegible] WITH THE OWNER/DEVELOPER'S [illegible] IN COMPLIANCE WITH THE CITY OF WICHITA STANDARD ENGINEERING PRACTICES AND CONSTRUCTION [illegible] PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED UNLESS AN INSPECTOR IS ON THE PROJECT SITE. [illegible] THE CONTRACTOR WITHOUT SUCH [illegible] ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers VRH 5/22/89

Storm Sewers _____

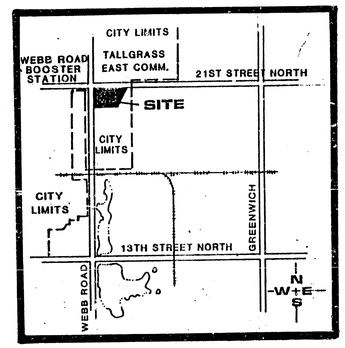
Driveway Approaches _____

Water Mains _____

Septic _____

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN & PROFILE, LINE 1



LOCATION MAP
NO SCALE

BENCHMARKS

BM #1 Webb Road and 21st Street North
City or Wichita B.M. Disc,
44' South and 48' East of
Centerline of Both.

Elev = 205.238

Booked
RDL
2-90

AS BUILT - JUNE, 1989

Design	KKL
Drawn by	FMR, KKL
Checked by	DCH
Date	MAY '89
Job no.	

HANLEY COMMERCIAL SANITARY SEWER PLANS

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 1 of 2

HANLEY COMMERCIAL
SANITARY SEWER PLANS
PROJ.NO.468-76-245

20TH STREET NORTH (PROPOSED STREET)

39.85'

5' Wall Easement

20' Utility Easement

LINE

MH 1-1

MH 1-2

MH 1-3

MH 1-4

Sanitary Sewer Easement

Utility Esmt.

30'

Limits of Drainage Way

LOT 3

LOT 4

LOT 1

LOT 2

5'

10'

WEBB ROAD

N

Scale: 1" = 40' Hor.
1" = 5' Vert.

AS BUILT - JUNE, 1980

Sta. 0+00 Line I
Const. Std. Manhole
Rim El. = 194.38 → 194.83 A.B.
Install Gastite Manhole Lid

Sta. 2+400 Line I
Const. Std. Manhole
Rim El. = 1977 → 197.63 A.B.

Sta. 4+800 Line I
Const. Std. Manhole
Rim El. = 199.74 → 197.58 A.B.
Install 4" Stub, N.

Sta. 7+90.0 Line I
Const. Std. Manhole
Rim El. = 201.18 → 201.47 A.B.
Install 4" Stub, NW.

Exist. Ground or ℄ Pipe

240.0 A.B.
240.0 L.F. of 8" Pipe @ 0.68%

239.0 A.B.
240.0 L.F. of 8" Pipe @ 0.68%

311.4 A.B.
310.0 L.F. of 8" Pipe @ 1.20%

IE Out = 183.08 A.B. (12")
IE In = 184.43 A.B. (8")
184.43 A.B.

IE Out = 186.03 A.B.
IE In = 184.68
184.03 A.B.

IE Out = 187.63 A.B.
IE In = 187.38
(20.03 (4"))
187.43
187.58 A.B.
187.73 A.B.

IE Out = 191.37 A.B.
IE In (8") = 191.62
191.52 A.B.

185.10

185.79

186.42

187.14

189.14

190.34

205
200
195
190
185
180

0 1 2 3 4 5 6 7

2/2

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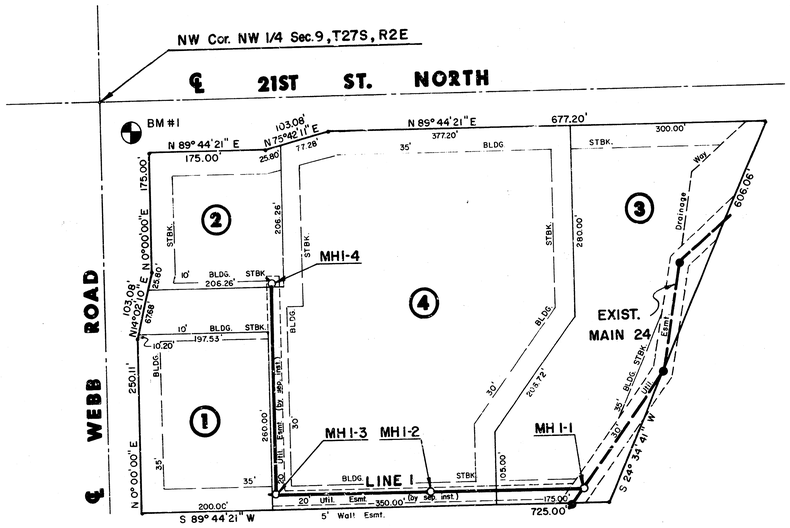
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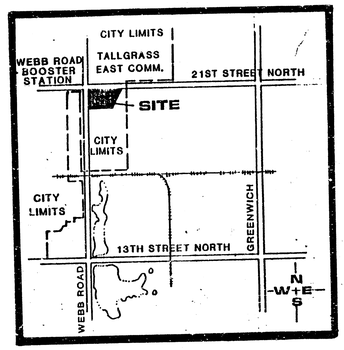


N

Scale : 1"= 100'

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Sanitary ... VRH 5/22/89

DALTON C. HOSTETLER
LICENSED
5532
KANSAS
PROFESSIONAL ENGINEER

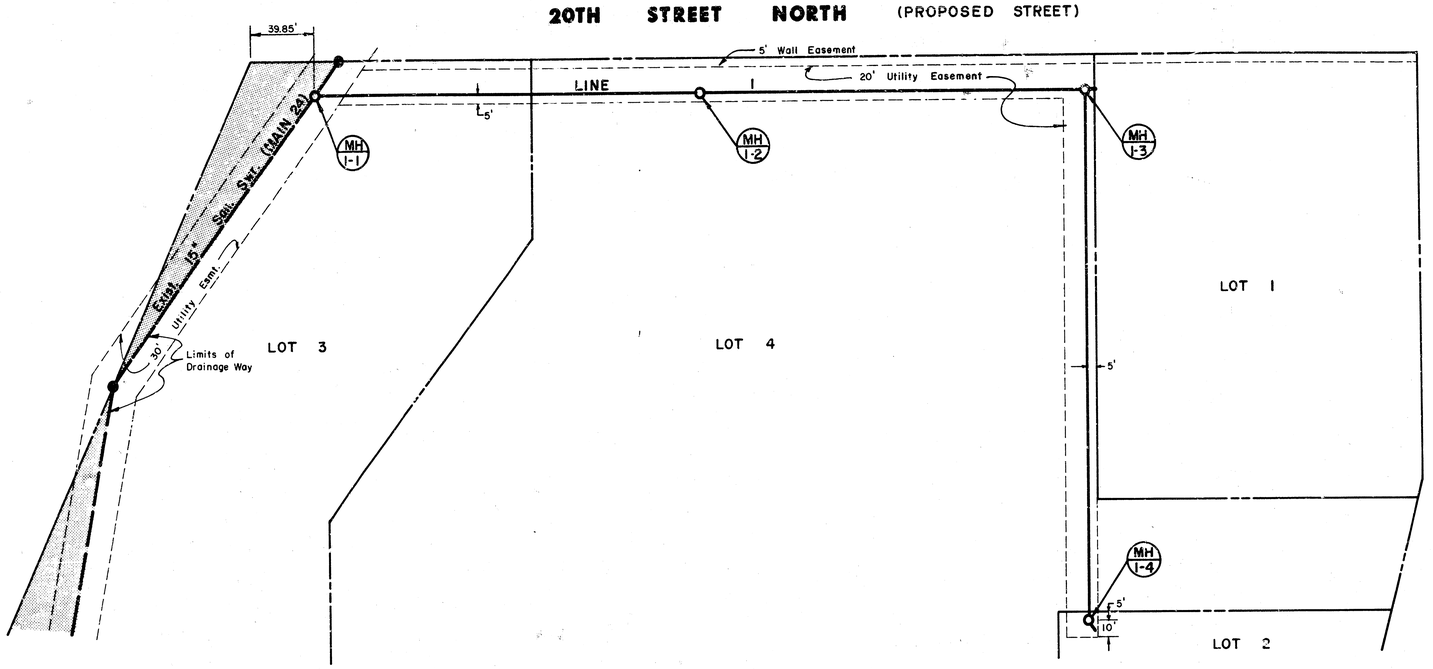
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HANLEY COMMERCIAL SANITARY SEWER PLANS

Design	KKL
Drawn by	FMR, KKL
Checked by	DCH
Date	MAY '89
Job no	
Sheet	1
of	2

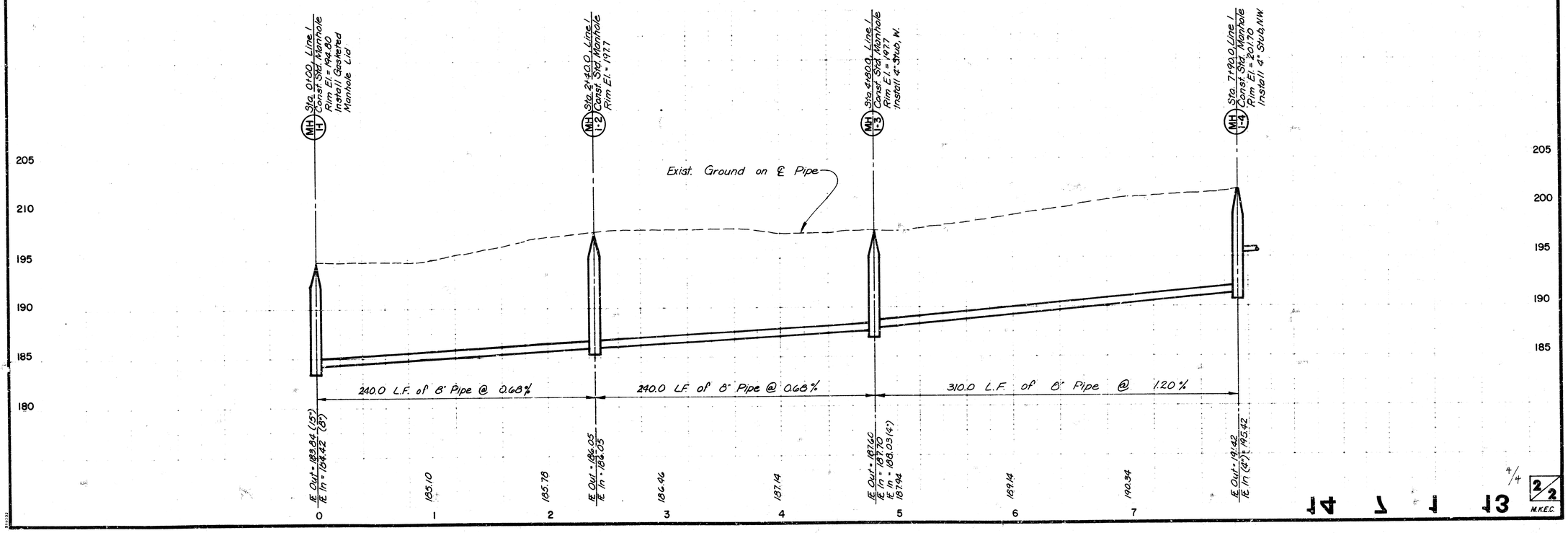
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4/4

2/2

M.K.E.C.