SANITARY SEWER

SERVING

LOT I, BLOCK I, A.M.F ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS, & UNPLATTED TRACT OF LAND IN THE SW 1/4 OF THE NW 1/4, SECTION 2, TOWNSHIP 28 SOUTH, RANGE I WEST OF THE 6TH P.M., MORE FULLY DESCRIBED AS FOLLOWS: THE SOUTH 500 FEET OF THE N. 1000 FEET OF SW 1/4, LYING WEST OF THE WICHITA-VALLEY CENTER FLOOD CONTROL RIGHT-OF-WAY.

CITY OF WICHITA, KANSAS

M.E. LINDEBAK CITY ENGINEER

PRIVATE PROJECT NO. 427PPS (607861)

November, 1993

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 263-2081
K.P. & L. GAS SERVICE	263-7511
KANSAS GAS & ELECTRIC	263-1141
ARKLA GAS COMPANY	942-8350 OR 263-8161
SOUTHWESTERN BELL TELE.	1-571-2811
CITY OF WICHITA WATER DEPT.	268-4908
CITY OF WICHITA SEWER MAINT.	268-4071

2. INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR APARTMENT TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.

3. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, 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 CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

4. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINTS TO FACILITATE REMOVAL WITHIN 3 FEET (3') OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

5. 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.

6. THE ENGINEER SHALL TAKE FIELD TIES TO ALL QUARTER SECTION CORNERS. THE CONTRACTOR SHALL SET A CITY SURVEY MONUMENT IN THE REQUIRED LOCATION WHERE SUCH QUARTER SECTION CORNER FALLS WITHIN THE LIMITS OF PAVEMENT CONSTRUCTION. SURVEY MONUMENTS WILL BE FURNISHED BY THE CITY. THE ENGINEER WILL ACCURATELY LOCATE AND INSTALL THE IRON AT THE QUARTER SECTION CORNER. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK IN THE CONTRACT.

7. THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND OR ADJACENT TO PIPELINES.

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

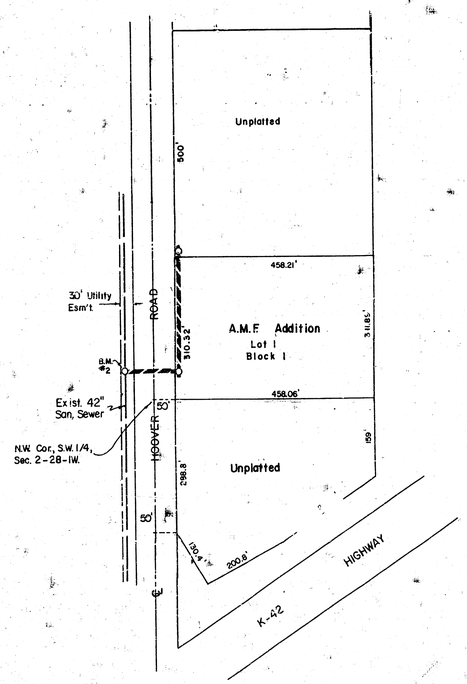
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN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

10. PAVEMENT REMOVAL AND/OR REPLACEMENT WILL BE MEASURED AND PAID FOR ON THE LINEAL FOOT BASIS AS MEASURED ALONG THE CENTERLINE OF THE SEWER REGARDLESS OF WIDTH OR THICKNESS. MINIMUM LIMITS OF SUCH PAVEMENT REMOVAL AND REPLACEMENT SHALL BE ONE FOOT BEYOND THE LIMITS OF THE EXCAVATION MADE FOR THE SEWER OR THE STRUCTURE, EXCEPT WHEN THE LINES OF REMOVAL ARE WITHIN THREE (3) FEET OF AN EXISTING JOINT THE LIMITS OF REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.

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

12. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.

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



SPECIAL NOTE -

UNTIL REMOVAL AND REPLACEMENT OF PAVEMENT IS COMPLETED, THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THROUGH TRAFFIC DURING CONSTRUCTION AT ALL TIMES ON HOOVER RD. SUCH TRAFFIC SHALL BE CARRIED USING TWO LANES NINE FEET IN WIDTH, ONE FOR EACH DIRECTION. HOWEVER, THROUGH TRAFFIC ROUTES MAY CONSIST OF ONE LANE WITH FLAGPERSONS AS REQUIRED TO CARRY TWO WAY TRAFFIC IN ONE LANE, AND THEN ONLY WHEN THE CONTRACTOR IS WORKING ON THE PROJECT DURING NON-PEAK TRAFFIC HOURS. DURING THE TIME OF PLANT SHIFT CHANGES AND/OR PEAK THROUGH TRAFFIC HOURS, OR AT SUCH TIMES THAT CONSTRUCTION IS NOT IN PROGRESS, BOTH LANES SHALL BE OPEN FOR TRAFFIC. MOVEMENT OF EMERGENCY VEHICLES WILL BE GIVEN THE RIGHT-OF-WAY OVER OTHER VEHICLES AT ALL TIMES.

Sheet No.	Description
1.	Cover Sheet
2.	Plan & Profile

BENCHMARK:

Top of N. Rim of Connecting Manhole, STA. 0+00. Elev. = 1Ca.31 City Datum.

APPROVED AS NOTED

BY CITY ENGINEER OF WICHITA

Sanitary Sewers VRC 11/22/93

Storm Sewers _____

Driveway Approaches _____

Water Mains _____

Paving _____

NOTE TO CONTRACTOR

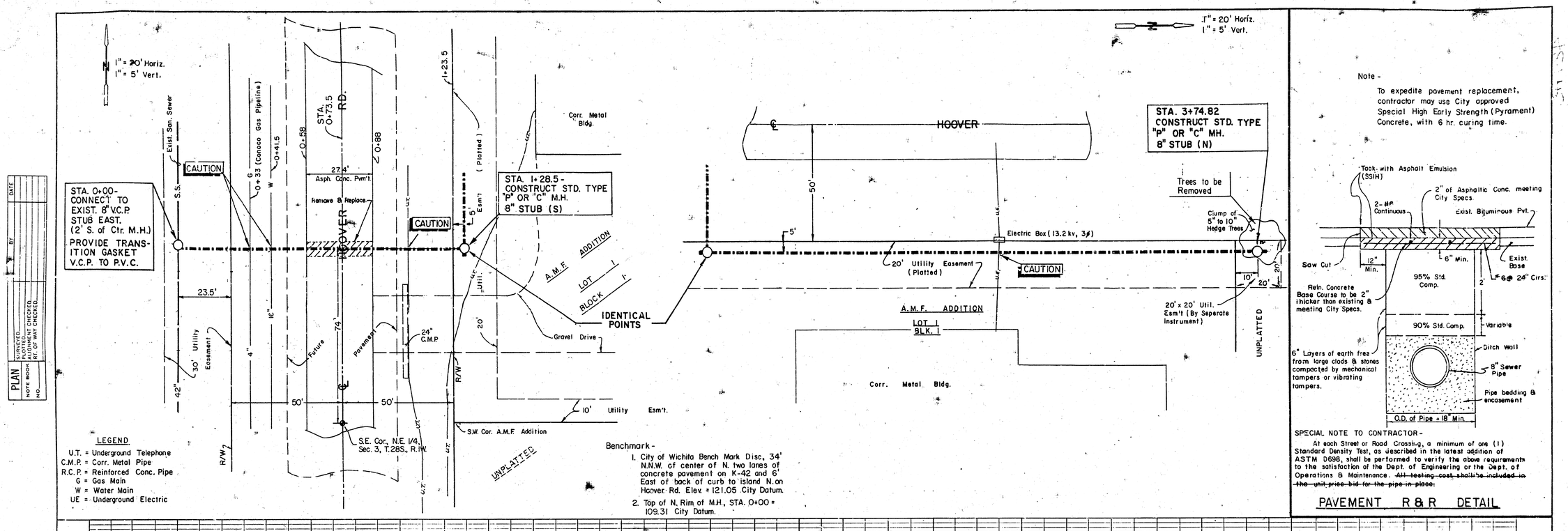
INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

Booked JKB 12-20-93 From Pa Baths

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA

DON C. MOEHRING LICENSED 3463 KANSAS PROFESSIONAL ENGINEER

"AS BUILT" 3/12/93 M.C.M.


1" = 20' Horiz.
1" = 5' Vert.
STA. 0+00 - CONNECT TO EXIST. 8" V.C.P. STUB EAST. (2' S. of Ctr. M.H.) PROVIDE TRANSITION GASKET V.C.P. TO P.V.C.
Exist. San. Sewer
S.S.
CAUTION
G
0+33 (Conoco Gas Pipeline)
W
0+41.5
0+58
STA. 0+73.5
HOOVER RD.
0+88
27.4'
Asph. Conc. Pvm't.
Remove & Replace
1+23.5
STA. 1+28.5 - CONSTRUCT STD. TYPE "P" OR "C" M.H. 8" STUB (S)
5' Esm't (Platted)
Corr. Metal Bldg.
A.M.F. ADDITION
LOT 1
BLOCK 1
IDENTICAL POINTS
Gravel Drive
Utility Esm't.
10'
S.W. Cor. A.M.F. Addition
UNPLATTED
23.5'
42"
30' Utility Easement
16"
4"
Future
74'
Pavement
24" C.M.P.
20'
R/W
50'
S.E. Cor. N.E. 1/4, Sec. 3, T.28S., R.1W.
LEGEND
U.T. = Underground Telephone
C.M.P. = Corr. Metal Pipe
R.C.P. = Reinforced Conc. Pipe
G = Gas Main
W = Water Main
UE = Underground Electric
1" = 20' Horiz.
1" = 5' Vert.
℄
HOOVER
50'
5'
Electric Box (13.2 kv, 3ϕ)
20' Utility Easement (Platted)
CAUTION
STA. 3+74.82 CONSTRUCT STD. TYPE "P" OR "C" MH. 8" STUB (N)
Trees to be Removed
Clump of 5" to 10" Hedge Trees
20' x 20' Util. Esm't (By Seperate Instrument)
10'
20'
A.M.F. ADDITION
LOT 1
BLK. 1
Corr. Metal Bldg.
UNPLATTED
Benchmark -
1. City of Wichita Bench Mark Disc., 34' N.N.W. of center of N. two lanes of concrete pavement on K-42 and 6' East of back of curb to island N. on Hoover Rd. Elev. = 121.05 City Datum.
2. Top of N. Rim of M.H., STA. 0+00 = 109.31 City Datum.
Note -
To expedite pavement replacement, contractor may use City approved Special High Early Strength (Pyrament) Concrete, with 6 hr. curing time.
Tack with Asphalt Emulsion (SSIH)
2" of Asphaltic Conc. meeting City Specs.
2-#5 Continuous
Exist. Bituminous Pvt.
Saw Cut
12" Min.
6" Min.
Exist. Base
95% Std. Comp.
2'
6" @ 24" Ctrs.
Rein. Concrete Base Course to be 2" thicker than existing & meeting City Specs.
90% Std. Comp.
Variable
Ditch Wall
6" Layers of earth free from large clods & stones compacted by mechanical tampers or vibrating tampers.
8" Sewer Pipe
Pipe bedding & encasement
O.D. of Pipe + 18" Min.
SPECIAL NOTE TO CONTRACTOR -
At each Street or Road Crossing, a minimum of one (1) Standard Density Test, as described in the latest addition of ASTM D698, shall be performed to verify the above requirements to the satisfaction of the Dept. of Engineering or the Dept. of Operations & Maintenance. All testing cost shall be included in the unit price bid for the pipe in place.
PAVEMENT R & R DETAIL
PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
DATE
BY
ALIGNMENT CHECKED
PROFILE
Top Rim = 109.31
Exist. Ground Profile
Top Rim = 109.3
Top Rim = 109.3
Top Rim = 109.0
℄ Hoover
4" Gas
16" Water Main
Buried Telephone
Buried Electric
Water Table (Nov. '93)
110
105
100
95
90
128.5 L.F. 8" P.V.C. at +4.37%
246.32 L.F. 8" P.V.C. at +0.30%
Fl. Out S. = 93.31
Fl. In E. (6" V.C.P. Stub) = 96.38
Fl. = 97.37
Fl. = 99.75
Fl. Out W. = 101.00
Fl. In N. = 101.10
Fl. 8" Stub S. = 101.10
Fl. Out W. = 101.00
Fl. In N. = 101.10
Fl. 8" Stub = 101.10
Fl. = 101.31
Fl. = 101.61
Fl. = 101.84
Fl. 8" Stub = 101.84
0
+50
1
+28.5
+98.5
2
3
+74.82
1e-FS-2
KOUPPEL & ESSER A GRAEF Company
PLATE 1, PLAN-PROFILE