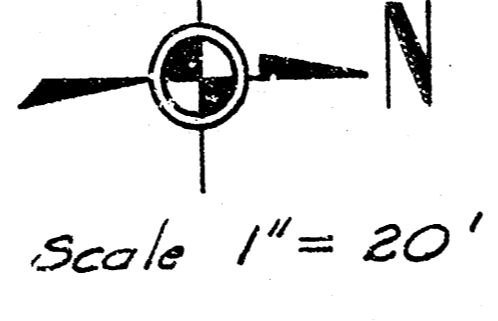


**NOTE:**  
Water Dept will locate the 1/2" Water line prior to construction.

**CAUTION:**  
6" Steel L.P. gas main 5' E. of the 'W' line of Alley.



B.M. 107.87 N.W. Corner of lower Step to porch of Apartment House on N.E. corner of Main St. & Indianapolis Ave.

Sta. 0+25.0  
Const. Sta. M.H. Type "B"  
Install 30'-8" Clay Pipe West. Plug 20" Pipe North.

Remove Exist. M.H. Intercept 8" S. from West. Plug Pipe Southeast.

Sta. 4+61.8  
Remove exist. M.H. Plug Pipes North and South

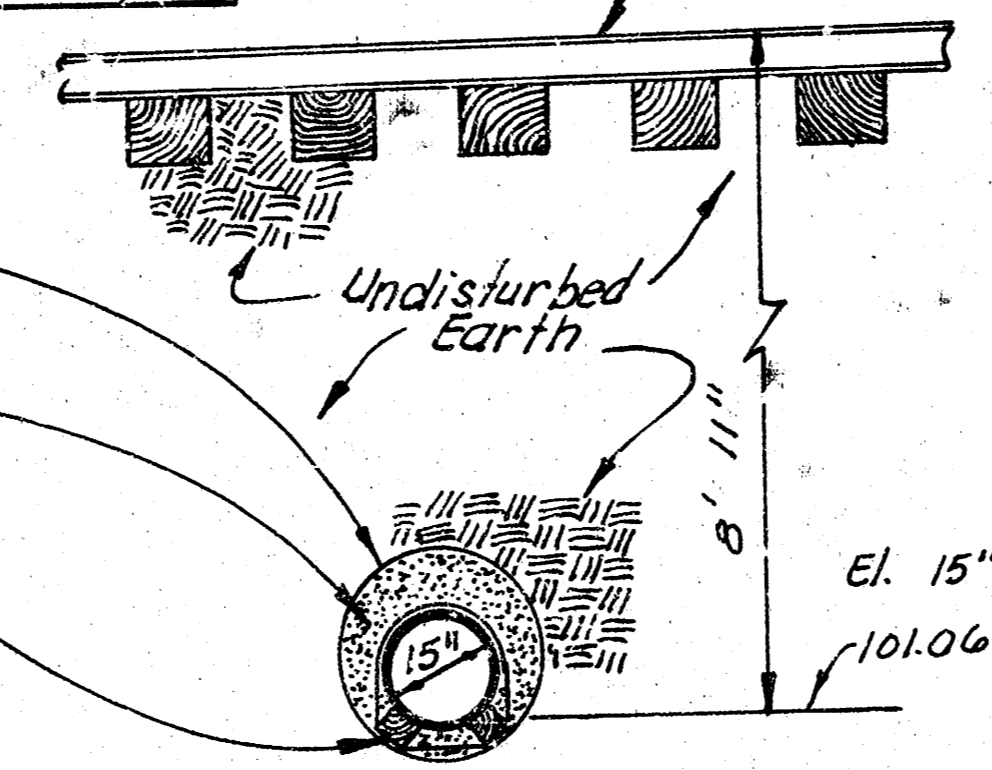
Sta. 5+15.0  
Begin Tunnel Install Conc. Plug.

Sta. 5+76.5  
Intercept Exist. 20" San. Sewer from the North.

Sta. 0+00.0  
Remove exist. Manhole. Const. Sta. M.H. Type "B"  
Plug 8" Pipe Northwest.

**CAUTION:**  
Abandoned 6" Steel H. P. Gas Main 5' ± W. of East line of Alley.

**NOTE:** Replace all Asphalt surfaces, Drives, Pavements and Sidewalks.  
Remove Pipe only where necessary.  
All active building leads are to be connected up. Contractor is to determine the location of the active building leads.



**TYPICAL SECTION**  
Tunnel Under A.T. & S.F. Rail Road  
Sta. 5+15.0 to Sta. 5+50.0  
**NOTE:** 15" A.B.S. Composite Pipe to be placed under Rail Road tracks by augering and sliding pipe into place.  
Augered hole to be cased with 26" min. steel pipe. Good used steel pipe may be used when approved by the Field Engineer.  
Plug Ends of Tunnel with Same Conc. Mix used in Manhole base.

Sta. 0+100.0  
Remove exist. M.H. Const. Sta. M.H. Type "B"  
Plug 8" Pipe Northwest.

Sta. 0+25.0  
Const. Std. M.H. Type "B"  
Install 30'-8" Clay Pipe West. Plug 20" Pipe North.

Sta. 0+52  
Exist. 1/2" Water line (See note)

S. Rim M.H. 108.87

100

95

100.87 Flo

100.50 Flo M.H. 100.89 Flo in 8" S.S. From the west.

100.58

100.69

100.79 Flo

100.50

100.91

101.03

101.08 Flo

101.11 Flo

95

110

105

100

95

576 Lin. ft. of 15" A.B.S. Composite Pipe @ 0.111% grade.

**TUNNEL, See Typical Section.**  
35 Lin. ft. of 26" Steel Casing. (0.438" thick.)

RECONSTRUCTION OF A PART OF  
**MAIN A, SAN. SEWER NO. 1**  
IN ALLEY BETW. WATER ST. AND MAIN ST.  
FROM INDIANAPOLIS AVE. TO ORME ST.  
CITY OF WICHITA, KANSAS  
R. W. LINN — CITY ENGINEER  
APRIL 1976 PROJECT NO. DBKM 576015

