Plan Scale 1"=40'

N

WILLOWBROOK ROAD

WEST PARKWAY

BONNIE BRAE

30' Sewer Easement

℄ 16' util. Easement

℄ 10' util. Easement

16' util. Easement

Plan Sta. 0+00.0

Plan Sta. 1+24.77
Flo North 1308.6
Flo South 1309.8

Plan Sta. 1+53.94
Remove exist. M.H. wall down to exist. ground surface.
Const. new M.H. wall. Encase M.H. with 6" Reinf. Conc. Encasement from 3' below exist. ground surface to top of manhole.

Plan Sta. 5+30.0
Remove exist. M.H. wall down to exist. ground surface.
Const. new M.H. wall. Encase M.H. with 6" Reinf. Conc. Encasement from 3 ft below exist. Channel Flo line to top of manhole.

Plan Sta. 8+00.0

LOCH LOMOND

SKYE DRIVE

B. M. 154.28
Linden & Douglas
C.O.W. Bench Mark
Disc. Top of E. End
N. Handrail to R.C.B.
W. of Linden.

NOTE:
Install No. 8 Wire mesh in Conc. Encasement. Wire mesh is to clear 1 inch from outside surface.

M.H. Rim 142.81

NOTE:
Salvage manhole rings and covers.

Exist. ground

3' 0"

6' 0"

5' 0"

6" Reinf. Conc. Encasement.

12" Brick masonry wall.

Exist. 30" Clay Pipe

OUTLET PIPE

INLET PIPE

Creek Flo 131.5

130.44 Flo Out

130.66 Flo In

Scale 1/8"=1'-0"

M.H. Rim 144.57

NOTE:
Install No. 8 wire mesh in Conc. Encasement. Wire mesh is to clear 1 inch from outside surface.

Channel Flo line

134.65 Top Exist. Conc. Encasement

6" Reinf. Conc. Encasement.

12" Brick masonry wall.

5' 0"

OUTLET PIPE

Exist. 30" CLAY PIPE

INLET PIPE

Exist. 30" CLAY PIPE

131.19 Flo out

131.40 Flo in

DONALD E. SCHREIBER
LICENSED
6311
KANSAS
PROFESSIONAL ENGINEER

DEAN S. SELLERS
LICENSED
9683
KANSAS
PROFESSIONAL ENGINEER

As built 3-2-77

RECONSTRUCTION OF MANHOLES ON
THE WAR INDUSTRIES SEWER
NORTH OF WILLOWBROOK RD. AND EAST OF BONNIE BRAE
CITY OF WICHITA, KANSAS
R. W. LINN — CITY ENGINEER
JUNE 1976 PROJECT NO. DBKJ 576029

1/2

1/2

LINE NO. 1
Sta. 0+00.0 Beg. temp. Sewer.
Const. Std. M.H. Type "B" (5' dia.)
over exist. 18" San. Sewer.

LINE NO. 1
Sta. 0+31.5 End Temp. Sewer.
Const. Std. M.H. Type "B" (5' dia.) Offset MH.
over exist. 15" San. Sewer.
Install Temp. Plug South.

LINE NO. 2
Sta. 0+35.0
Exist. Manhole.

LINE NO. 2 Sta. 2+10 Remove Exist. Manhole.
Sta. 0+10.0 Const. double outside
Drop M.H. Type "B" (4' dia.)
intercept Exist. 8" San. Sewer.
See manhole detail.

LINE NO. 2
Sta. 0+00.0 Exist. M.H.
Beg. New 18" Clay Pipe.

NOTE:
Line No. 1 is to be abandoned after Line No. 2 has been completed.

Plan Scale 1"=40'

BRAE
BONNIE
WILLOWBROOK RD.
WEST PARKWAY
30' Sewer Easement
Rim 147.16
Flo 130.86
Rim 147.20
Flo 135.15
SW cor. NW¼ SE¼ Sec. 20 R. 2, E.
Exist. 264.5-18" C.P.
Exist. 333.4'-15" C.P.
LINE NO. 1 Proposed Temp. San. Sewer.
6' Util. Easement
Pizza Hut Inc. 8" San. Sewer
Perm. Easement
Proposed Temporary 15" San. Sewer
Exist. 15" San. Sewer.
Shape bottom
INLET PIPE
OUTLET PIPE
Remove
Install Temp. Pipe Plug.

PLAN
Sta. 0+10.0
Line No. 2
Scale ½"=1'0"

122° 26'
A
B
INLET PIPE 15" Clay Pipe
OUTLET PIPE 18" Clay Pipe
INLET PIPE 8" Clay Pipe
Shape bottom

Sta. 0+00.0 Beg. temp. Sewer. Const. Std. M.H. Type "B" (5' dia.) over exist. 18" San. Sewer.
Sta. 0+31.5 End temp Sewer Const. Std. M.H. Type "B" (5' dia.) over Exist. 15" San. Sewer. (Offset M.H.) Install temp. Plug South.
Sta. 0+31.5 LINE NO. 1 Construct Offset Manhole. Scale ½"=1'0"
Sta. 0+00.0 Exist. M.H.
Sta. 0+10.0 Remove Exist. Manhole. Const. Double outside drop M.H. Type "B" (4' dia.) Intercept Exist. 8" San. Sewer. See Manhole detail
Sta. 0+35.0 Exist. Manhole End Line No. 2

Exist. ground
LINE NO. 1 Temporary Line.
LINE NO. 2
TR = 142.5
Exist 15" S.S. @ 0.20 %
Exist 18" S.S. @ 0.17 %
Exist 18" (S.S. @ 0.17 %
Exist 15" S.S. @ 0.20 %
Install 31.5 Lin. ft. of 15" Clay Pipe @ 0.20 % grade.
Remove exist. 18" Pipe if condition warrants and install new 18" Pipe.
Removed & Replaced 134.5 F. 15" Pipe.
Remove exist. 15" Pipe if condition warrants and install new 15" Pipe.
150
145
140
135
130
125
0
+50

M.H. Rim 146.12
Exist ground
INLET PIPE 8" Clay Pipe
El. 136.77
4' 0"
6" Minimum Concrete Encasement outside of bells.
OUTLET PIPE 18" Clay Pipe
El. 131.67
El. 130.85
4'
INLET PIPE 15" Clay pipe.
El. 134.25
El. 131.10
El. 130.85
15" Clay Pipe
10"

SECTION A-A
Sta. 0+10.0 Line No. 2
DOUBLE OUTSIDE DROP MANHOLE
Type "B", 4' diameter
Scale ½"=1'0"

SECTION B-B

RECONSTRUCTION OF MANHOLES ON
THE WAR INDUSTRIES SEWER
PROJECT NO. DBKJ576029

2/2

PLATE 1 PLAN-PROFILE B.P.R. STANDARD