B.M. 192.98 "G" IN GLOBE CTE. N. RAD. DR. No. # 1705 HARVARD

CHAIN E. ON S. PL.

0+15 SCP 12.00 S. EXP. OF 24" WATER LINE
CONN. MADE TO CAP FLUSH WITH PAVE @
E.O.W. PVT.

0+00 E.L. HARVARD
BEG. CURB
RAD. 20.00'N.
+01 BALANCED POINTS 27° & 36° Lt.

+25 COR. 4" WOOD FENCE N & NE. 55° Lt.
+37 E.O.W. FLUSH

+63.7 BEG 18" "INLET" STORM SEWER 8° Lt.

+75.7 END INLET @ 5° Lt., 59' WIDE x 18" LONG
@ 5'4" IN DEPTH

1+00 2" TREES 36° Lt. & 50° Lt.

+12 DOUBLE 2" TREE 36° Lt.
+17 3" TREE 44° Lt.
+21 2" TREE 30° Lt.

+34 5" TREES 9° Lt. & 40° Lt.
+36 WU 85' Lt.
+48 BEG. 4" WOOD FENCE EAST 54° Lt.
+45 WU 104' Lt.
+45 W.U. 52° Lt.

+70 2" TREE 59° Lt.

2+00 WOOD FENCE EAST 56° Lt.

+43 2" TREE 51° Lt.
+50 WOOD FENCE E. 56° Lt.

+74 3" TREE 11° Lt.

3+00 END 4" WOOD FENCE 56° Lt.
BEG. 4" FENCE N. 33° Lt. & 84° Lt.
+05 BALANCED POINTS 171° Lt. & 84° Lt.

+21 END 4" WOOD FENCE 59° Lt.
+31 POWER POLE 91° Lt.
@ 24' 24" WOOD CUT: 42° Lt.
@ GARAGE 110' Lt.

+47 GUTTER 91° Lt.

+103 @ 15" CONC. DR. 105° Lt.
GARAGE 110' Lt.
@ 69' 12" CONC. DR. 42° Lt.

+58 @ W.U. 61° Lt.

+68 @ 24" x 12" R.C.P. 42° Lt.
@ 10' CONC. DR. 30° Lt.
GARAGE 110' Lt.

+82 W.U. 69° Lt.

5+47 BEG. 6" CR. NORTH 45° Lt. TO 110° Lt.

+57 @ GAS 110° Lt.
@ 12" WOOD CUT: 120° Lt. 42° Lt.

+65 END 6" CR. NORTH 45° Lt. TO 110° Lt.

6+24 6" Cr., CURVES N.W., 47° Lt.

+34 @ 20° C.M.P. 41° Lt.

6+43.12 W.L. GENTRY
6" CR. NORTH 45° Lt., CURVES N.W.

-3.833 %
WK. Q. 4'

+3.577%
WK. Q. 4'

+2.289%
WK. Q. 4'

P.C. 0-10 0+00

P.I. 200' V.C. EL. 185.00

STA. 1+18.25 BEGIN REINF. CONC. HEADWALL. FOR DETAILS SEE SHT 2

EXISTING 8" V.C.P.

P.T.

P.C. 3+00

P.I. 100' V.C. EL. 194.30

R.T. DRIVE P.T. 3+62

P.T.

P.C.

P.I. 100' V.C. EL. 194.80

P.T.

-3.667%
WK. Q. 4'

+3.769%
WK. Q. 4'

+2.204%
WK. Q. 4'

HARVARD AVE.

GENTRY AVE.

16 TH ST.

MATCH EXISTING PAVEMENT

2'-6" C.B.

15" E.C.R.

18" E.C.R.

2'-6" C.B.

F.G. Out 177.34

EXISTING 18" C.M.P.

F.L. of 18" V.C.P.

Existing 8" V.C.P.

Existing 6" V.C.P.

Sta. 1+18.25

Sta. 1+68.25

Sta. 2+00

Sta. 2+50

Sta. 3+00

Sta. 3+25

Sta. 3+50

Sta. 3+75

Sta. 4+00

Sta. 4+50

Sta. 5+00

Sta. 5+50

Sta. 6+00

Sta. 6+50

Sta. 6+83.12

Construct Short Brick Manhole on Top of Existing Brick Box With Conc. Cap. See Sheet 2 for Details.

CONSTRUCT 2-2'X5' CATCH BASINS AT STATION 0+90. INSTALL 30' OF 15" E.C.R., 12' OF 18" E.C.R.

Pavement to line up with existing returns at Harvard Ave. and Gentry Ave. Sidewalk location to be maintained at property lines.

NOTE TO FIELD ENGINEER AND CONTRACTOR

ALL ENTRANCE PIPES ARE TO BE DISPOSED OF IN ACCORDANCE WITH CITY DIET CHECKER'S INSTRUCTIONS

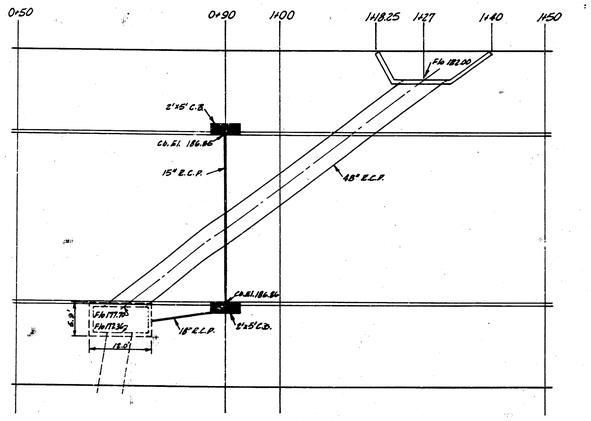
TOTAL FILL	PROP	CITY
	110.3 Cu.Yds.	0 Cu.Yds.
+10%	11.0	
	121.3 Cu.Yds.	

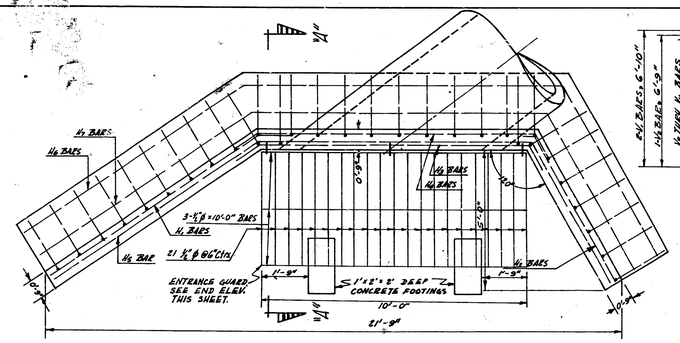
TOTAL EXCAV.	PROP	CITY
	1843.6 Cu.Yds.	0 Cu.Yds.
+10%	184.4	
	2028.0 Cu.Yds.	

1/2

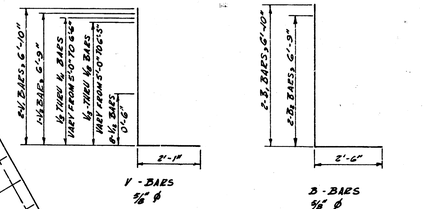
16TH ST.
E.L. HARVARD - W.L. GENTRY
30' CONC. & C.B.
CITY OF WICHITA, KANS.
B.E. SMITH CITY ENGINEER
APRIL, 1954 PROJ. NO. C14-37

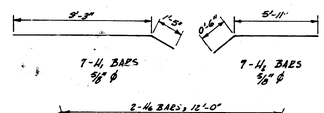
PLOTTED BY [illegible] ON 8-4-54
PLAN J.E.2
PROF. J.E.2
CHECKED J.T.

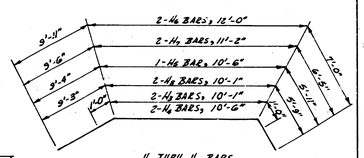


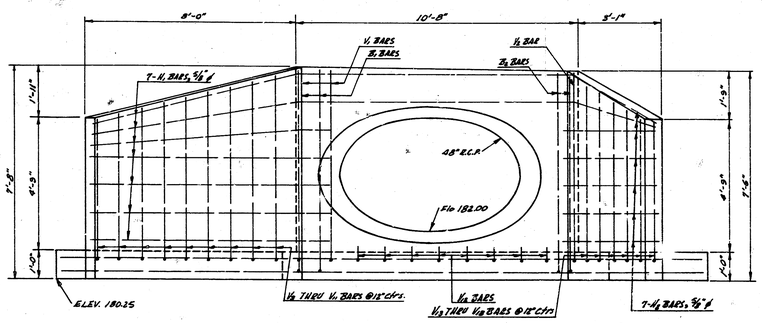


PLAN OF HEADWALL
SCALE 1"=2'-0"



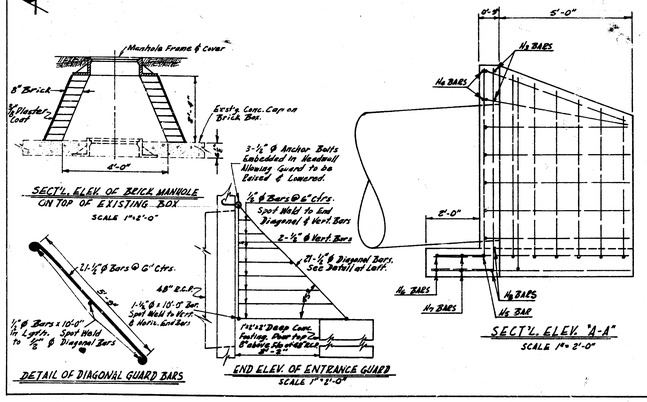






ELEVATION OF HEADWALL
SCALE 1"=2'-0"

NOTE:
The excavation around the 48" reinforced concrete pipe and headwall is to be completely sand filled, flushed and vibrated. An internal vibrator shall be used for placing concrete.



DRAINAGE INCIDENTAL TO PAVING
16TH ST. - E.L. HARVARD TO W.L. GENTRY

16TH ST.

2/2