

CITY OF WICHITA, KANSAS

13th STREET COURT

STREET & INCIDENTAL DRAINAGE IMPROVEMENTS
PROJECT NO. 472-76-245-80929-000-000-001

ECHO HILLS
AN ADDITION TO WICHITA SEDGWICK COUNTY, KANSAS

B.M. City Standard Brass Cap, in
Cone, 25' North & 30' East
of S 1/4 Corner, Sec. 7,
T25S, R14E,
Click (1825.83)

SCALE 1" = 200'

BENCH MARKS

BM - City Brass Cap 25' N. & 30' E. of S 1/4 Cor.
Sec. 7, T 27S, R 14W Elev. = 157.99

BM - RR Spike in N. Side Hedge Tree 20' S.P.I.
Hedge rows S & E. Near Center SW 1/4
Elev. = 160.08

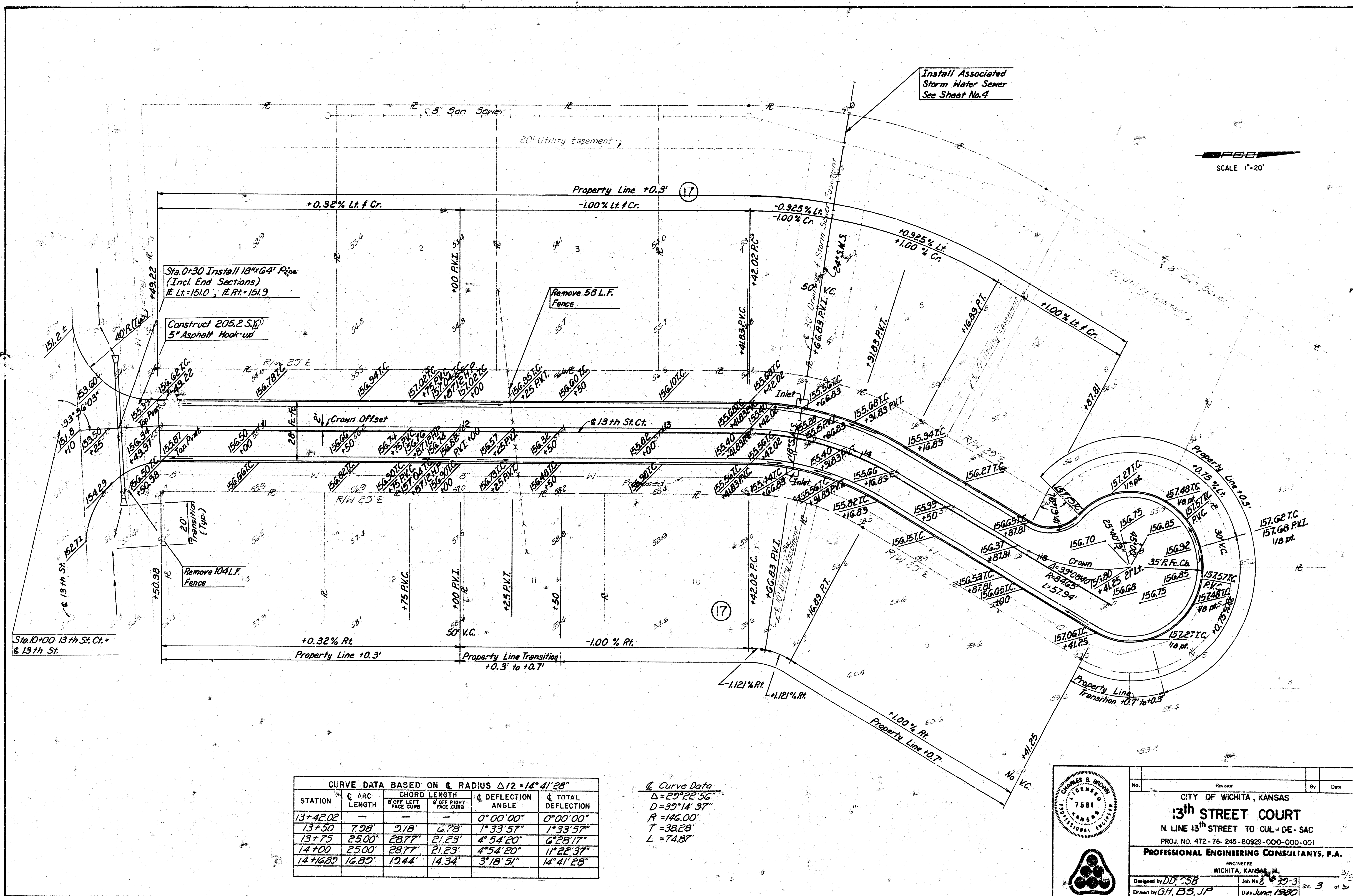


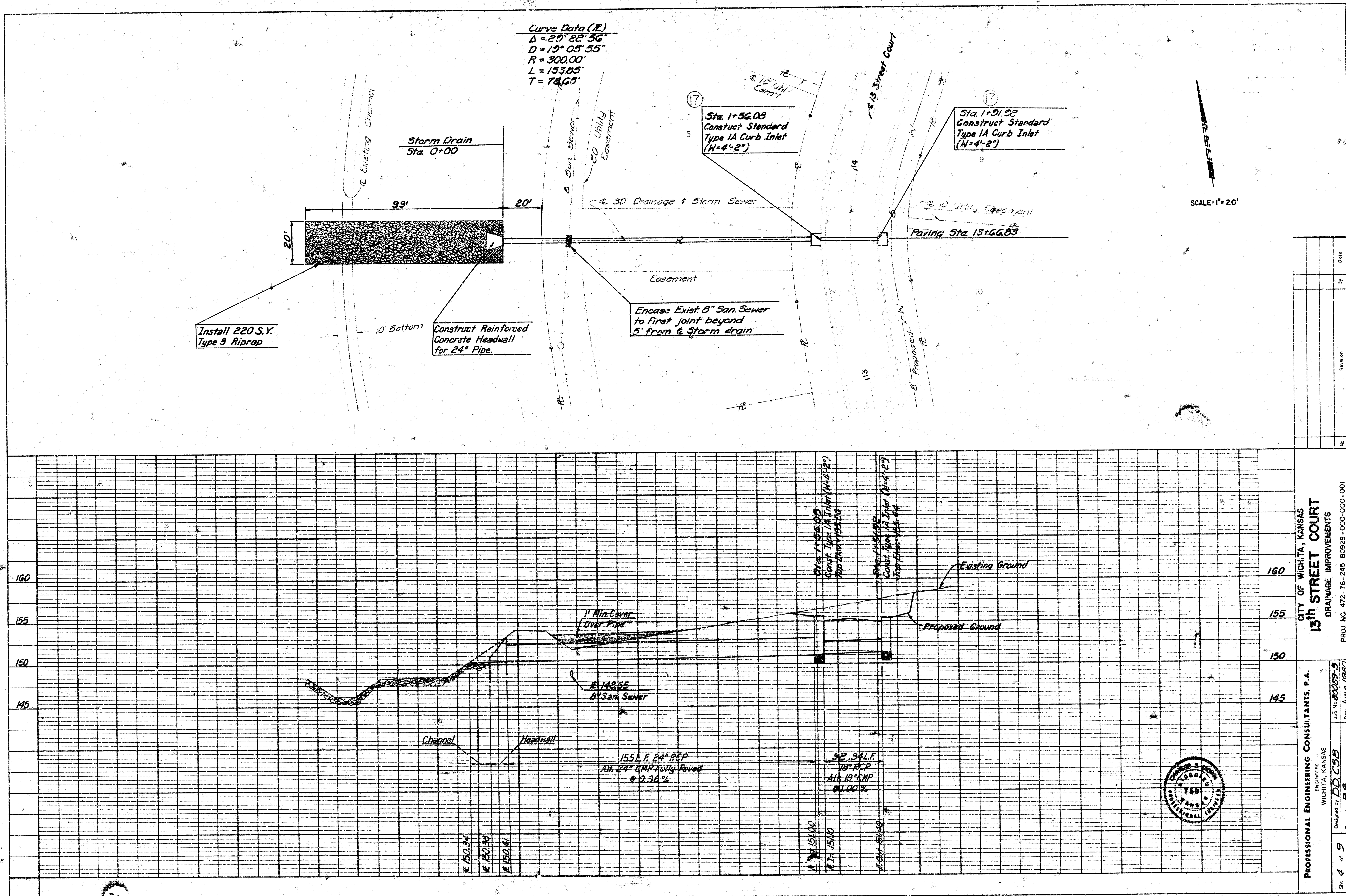
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No.	Revision	By	Date
CITY OF WICHITA, KANSAS			
TITLE SHEET			
13 th STREET COURT			
PROJ. NO. 472-76-245-80929-000-000-001			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS			
WICHITA, KANSAS			
Designed by	DD CSB	Job No.	80089-3
Drawn by	GH	Date	June, 1980
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By	Date
Revision	

CITY OF WICHITA, KANSAS
13th STREET COURT
 DRAINAGE IMPROVEMENTS

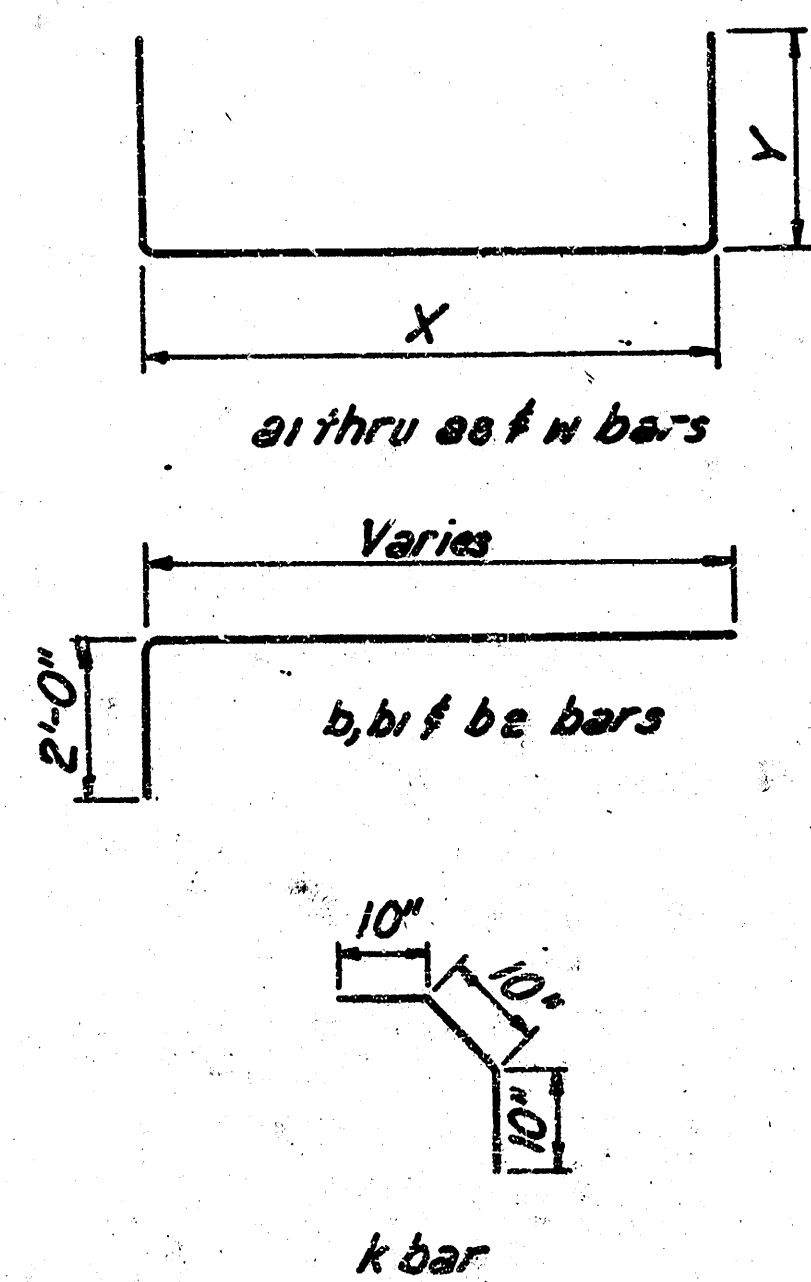
PROJ. NO. 472-76-245 80923-000-000-001

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 WICHITA, KANSAS
 ENGINEERS

Job No. 80923-5
 Drawn by DD GSB
 Date June, 1980

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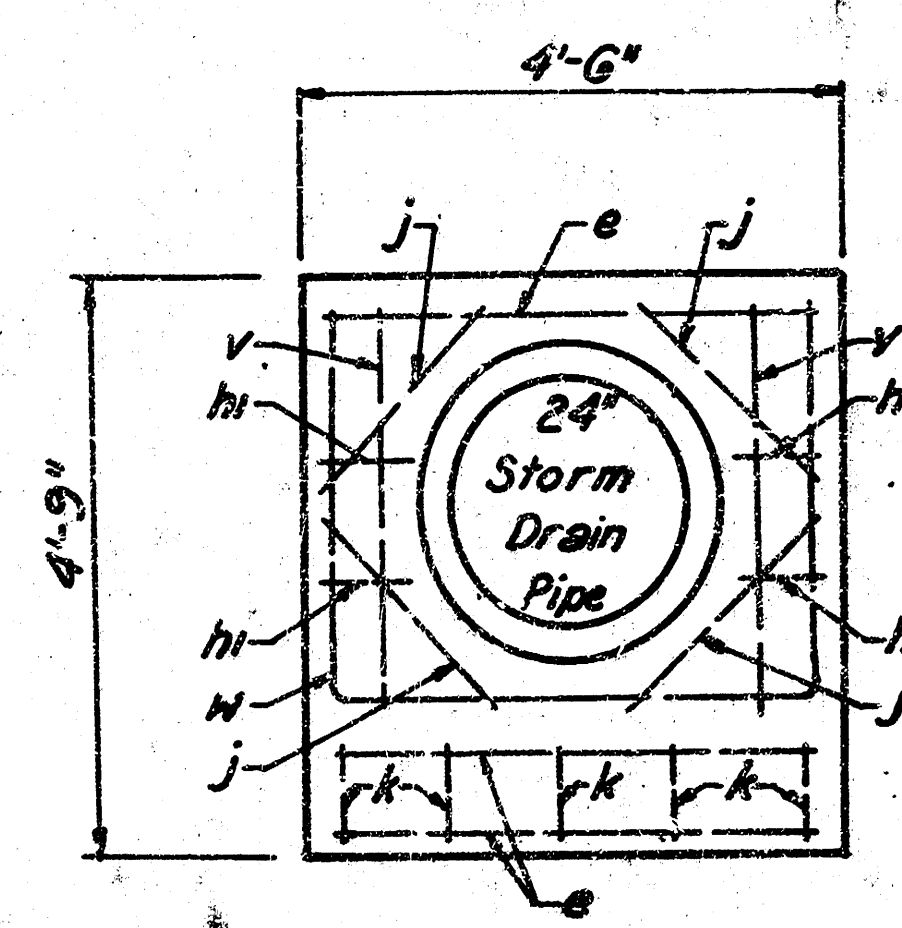




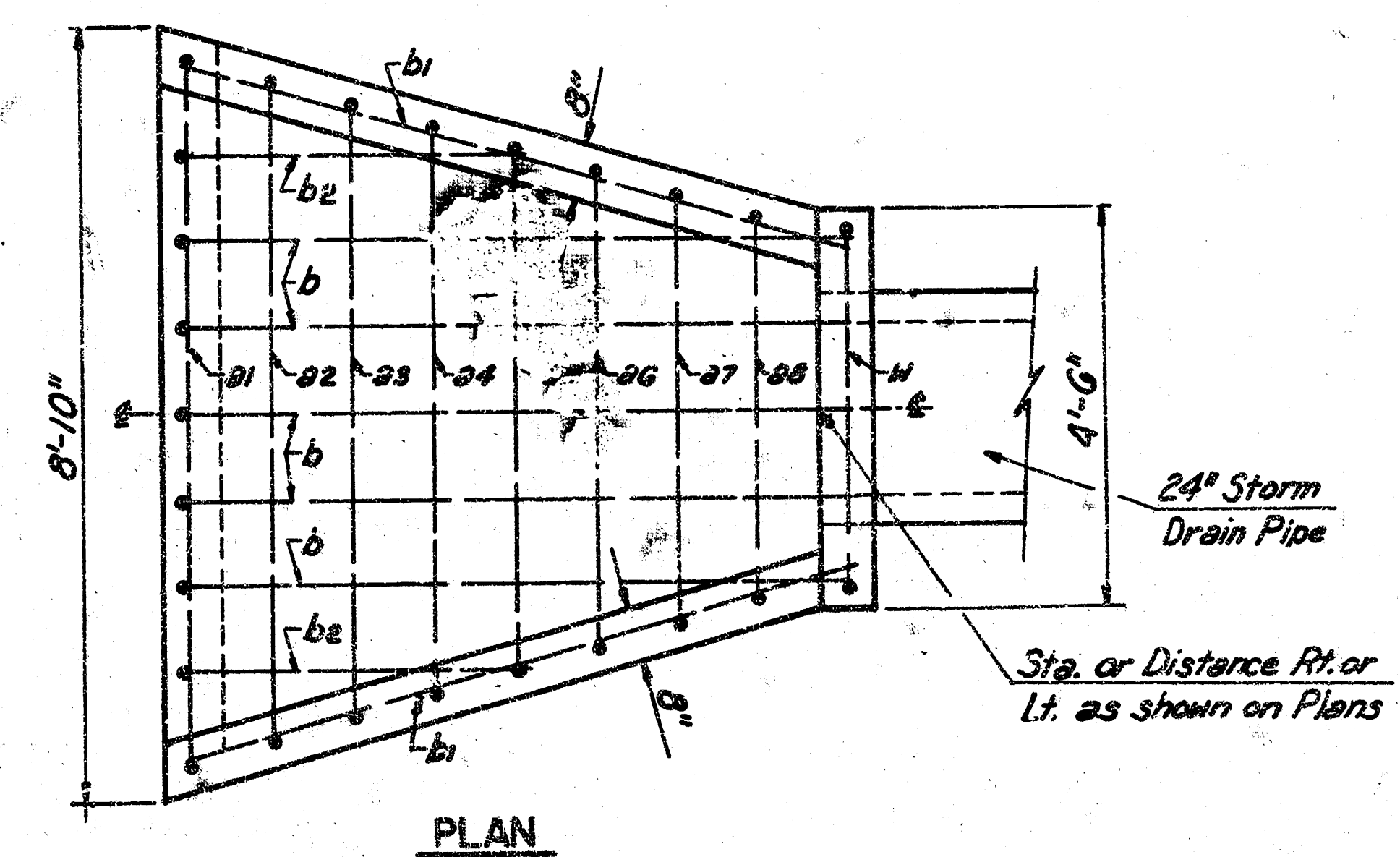
BENDING DIAGRAM

BAR LIST

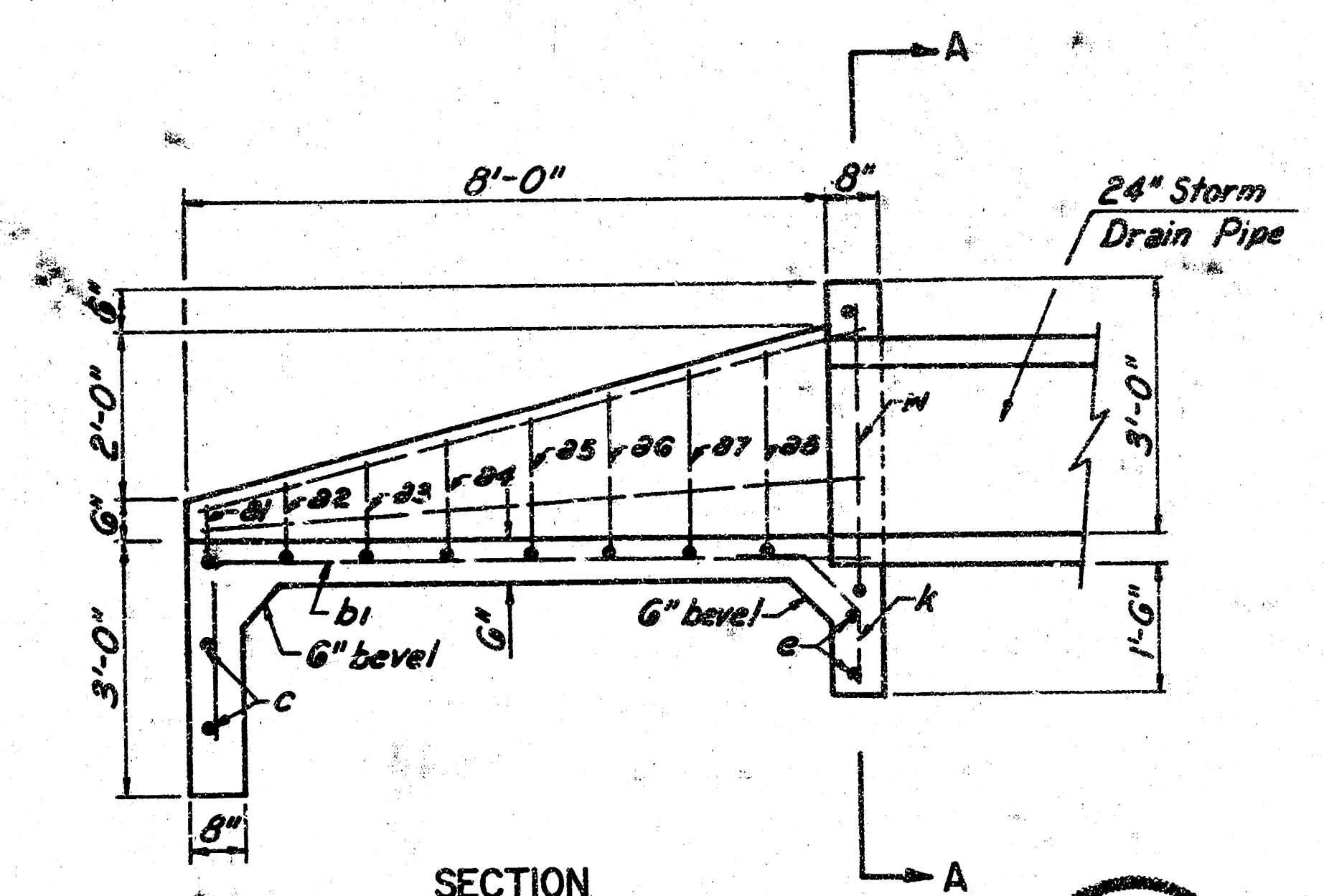
Bar	Shape	Headwall for 24" Pipe		
		Length		Total
a1	U	8'-0"	0'-7"	8'-7"
a2	U	7'-5 1/2"	0'-10"	8'-15 1/2"
a3	U	6'-11"	1'-1"	8'-12"
a4	U	6'-4 1/2"	1'-4"	7'-8 1/2"
a5	U	5'-10"	1'-7"	7'-7"
a6	U	5'-3 1/2"	1'-10"	6'-13 1/2"
a7	U	4'-9"	2'-1"	6'-10"
a8	U	4'-2 1/2"	2'-4"	6'-6 1/2"
N	U	4'-0"	3'-3"	7'-3"
Bar	Shape	Number	Length	
b	—	5	10'-2"	
b1	—	2	10'-4"	
b2	—	2	6'-2"	
c	—	2	8'-3"	
d	—	2	8'-7"	
e	—	3	4'-1"	
f	—	2	5'-6"	
hi	—	4	0'-9"	
j	—	4	2'-5"	
k	—	5	2'-6"	
v	—	2	3'-5"	
Concrete			2.75 C.Y.	
Reinforcing Steel			215 Lbs.	



SECTION A-A



PLAN



SECTION

GENERAL NOTES

All rebar shall be #4 bars and all concrete shall be City "G Sack" Concrete Paving Mix. Bevel all exposed edges with a 3/4" triangular moulding. Headwall requires only one each of a f w bars. Concrete quantities make no deduction for storm drain pipe through headwall.



CITY OF WICHITA, KANSAS

HEADWALL DETAILS

13th STREET COURT

PROJ. NO. 472-76-245-80929-000-000-001

ENGINEERS
WICHITA, KANSAS

Designed by _____
Drawn by **JP**

Checked by _____
Date **June 15, 71** Job No. **800**

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