

DRAINAGE IN CONNECTION WITH PAVING THE STREETS IN THE
FOURTH ADDITION TO CHERRY CREEK HILLS
 PROJECT NUMBER: 472-76-245-80682-000-000-002

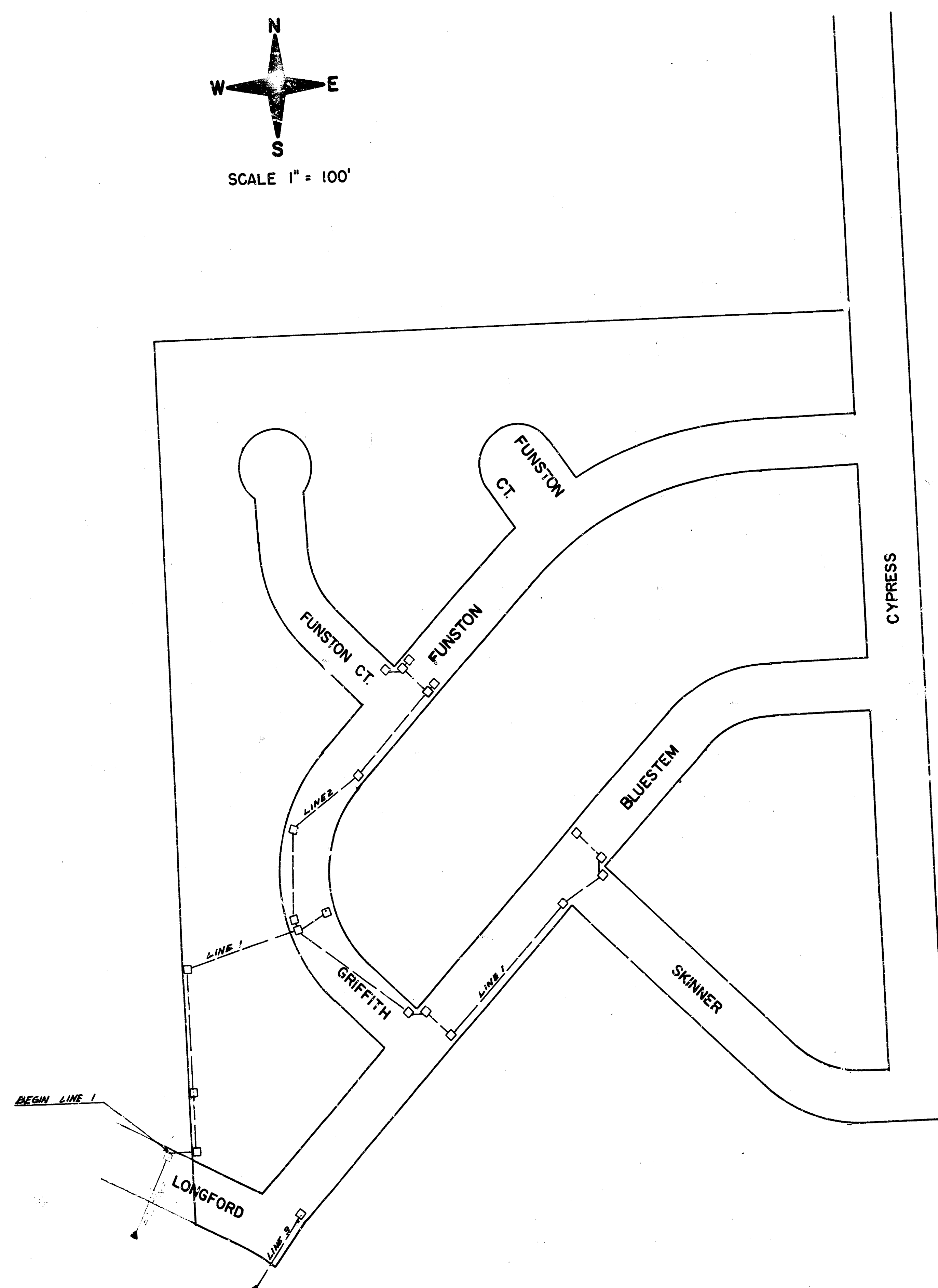
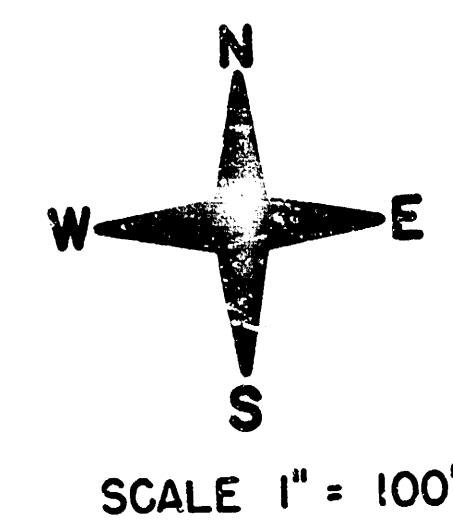


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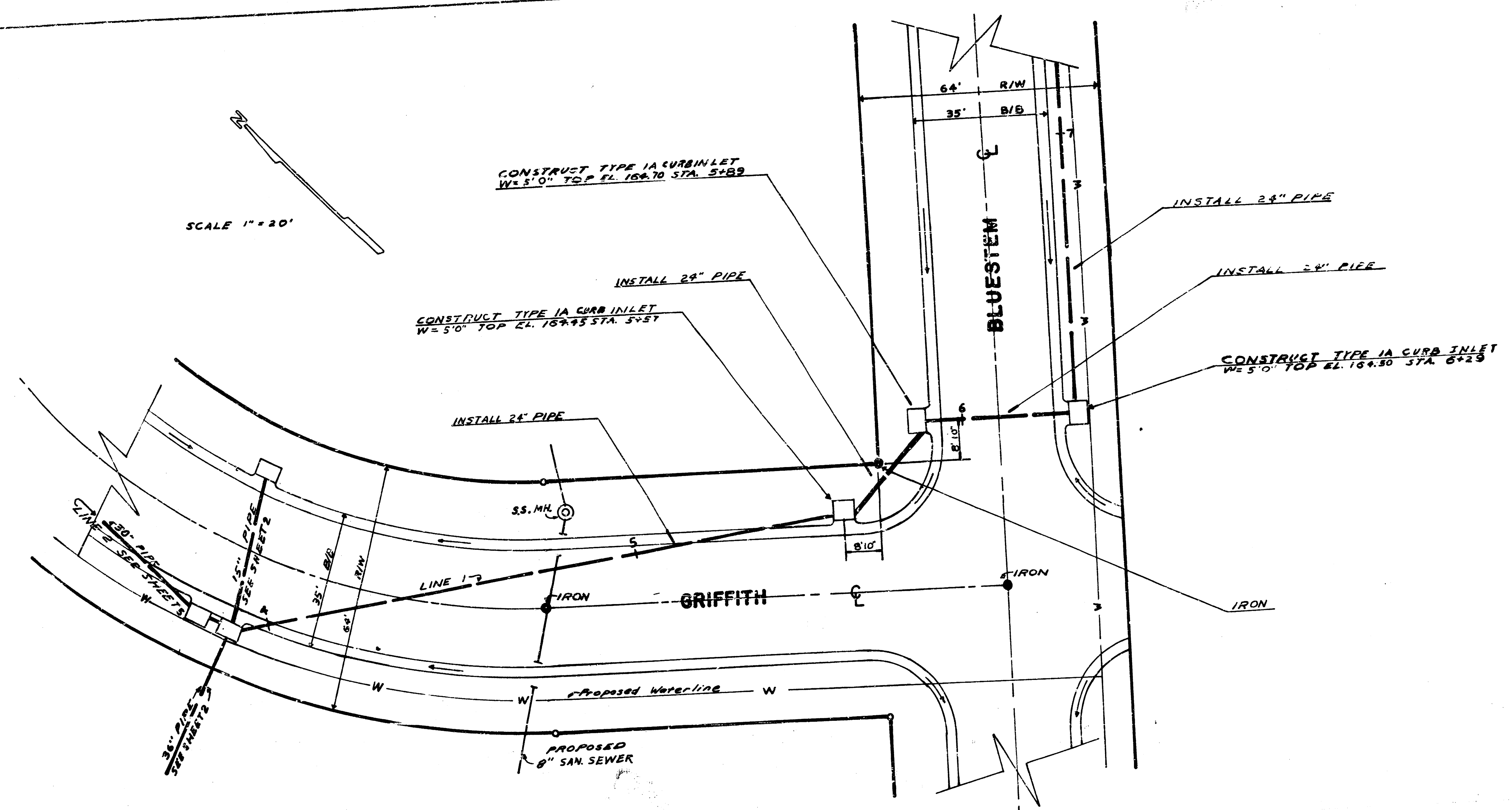
FOR GENERAL NOTES,
 SEE P. 3.

CITY OF WICHITA, KANSAS
 R. W. LINN CITY ENGINEER
 PROJ. NO. 472-76-245-80682-000-000-002
 DATE: 1/9

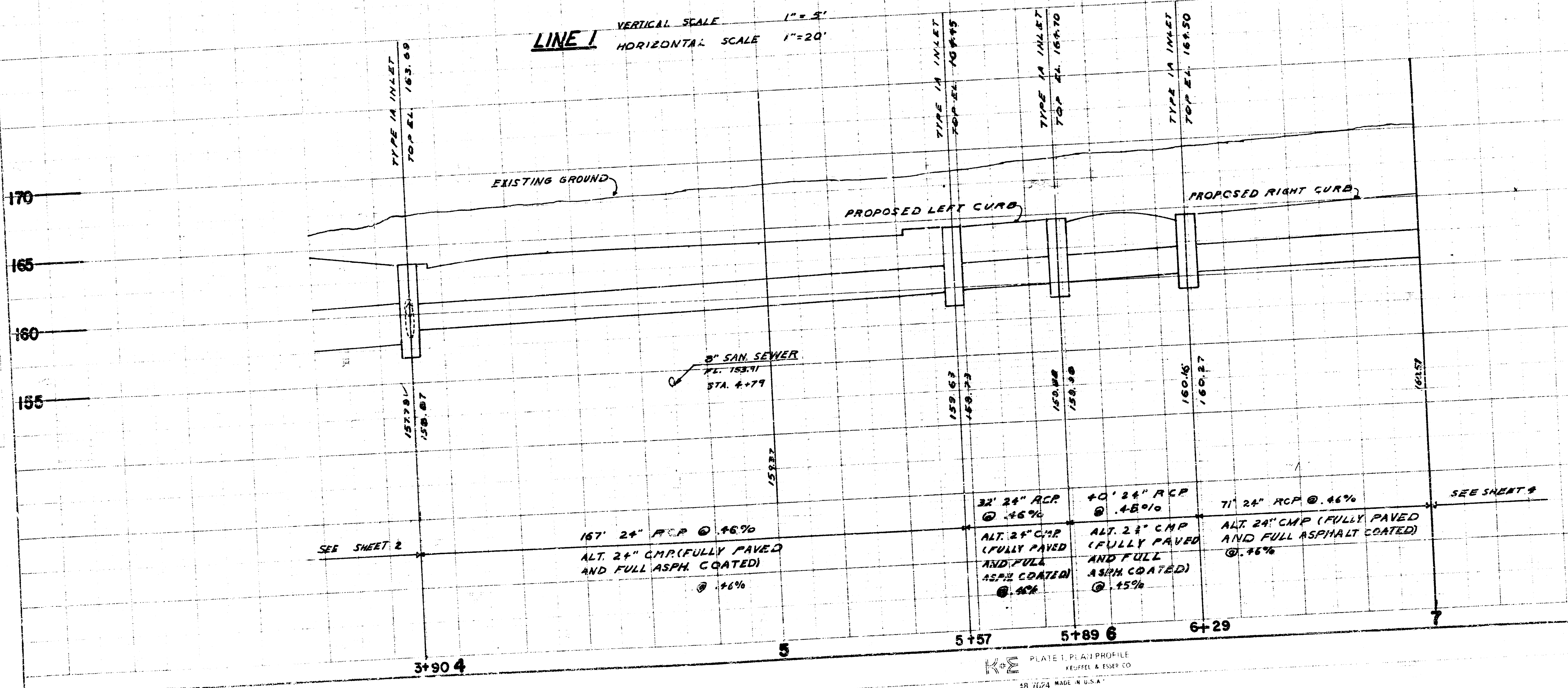
BM. EL. 169.98 RR. SPIKE IN FC. PP AT NE CORNER FUNSTON & CYPRESS

GENERAL NOTES

1. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES WHICH MAY BE DESTROYED. FIELD ENGINEER SHALL REPLACE ALL IRONS AND THIMBLES WHICH ARE DESTROYED.
2. ALL CONCRETE UNLESS OTHERWISE NOTED SHALL BE "6-SACK CONCRETE".
3. ALL METAL PIPES SHALL BE FULL ASPHALT COATED HELICALLY CORRUGATED METAL PIPES FOR SIZES 21" IN DIAMETER (OR EQUIVALENT ARCH PIPE) OR SMALLER, AND FULL ASPHALT COATED FULLY PAVED CORRUGATED METAL PIPE FOR SIZES 24 INCHES IN DIAMETER (OR EQUIVALENT ARCH PIPE) OR LARGER.
4. THE RIP-RAP ON THIS PROJECT SHALL BE TYPE 3. TYPE 3 RIP-RAP IS 12" RIP-RAP ON A 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIP-RAP AND BEDDING SHALL BE HARD, DENSE, DURABLE AND REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL HAVE A MAXIMUM SIZE OF ONE CUBIC FOOT AND A MINIMUM SIZE OF 1 1/2 INCH. THE 6 INCH SAND AND GRAVEL BEDDING FOR RIP-RAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND AND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1 1/2 INCHES IN SIZE.
5. ALL CURB INLETS TO BE TYPE I-A.
6. CONTRACTOR TO COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS.
7. CONTRACTOR TO COORDINATE THEIR WORK EFFORTS WITH UTILITY COMPANIES, AND OTHER AGENCIES RELATED WITH THE PROJECT SITE DEVELOPMENT.
8. SEE PAVING PLAN FOR STREET LAYOUT.
9. LOCATION OF CURB INLETS TO BE DETERMINED FROM BACK-OF-CURB LOCATION SHOWN ON STREET PAVING PLAN.

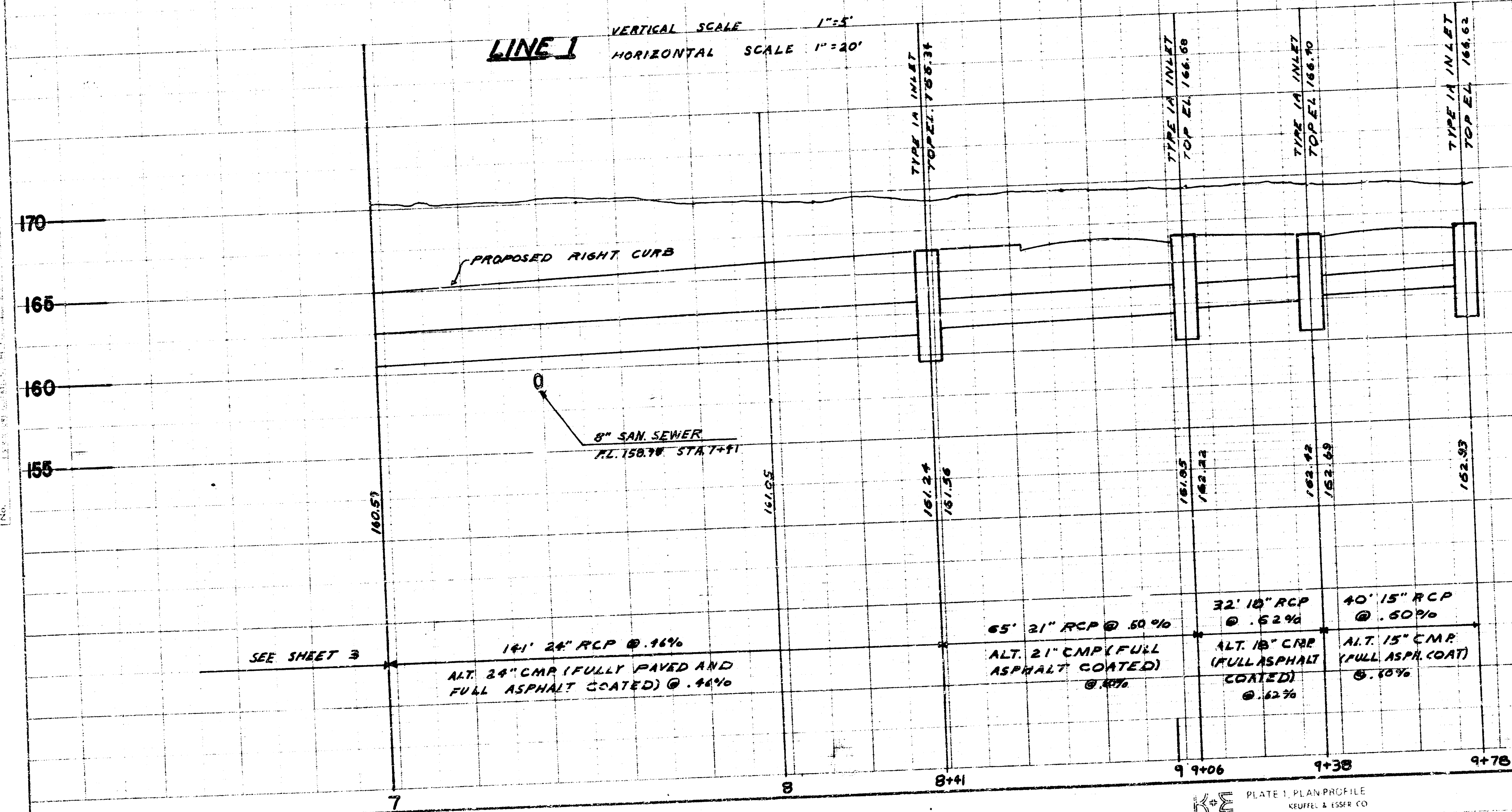


LINE 1
VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 20'



DRAINAGE IN CONNECTION WITH PAVING STREETS IN 4TH ADDITION TO CHERRY CREEK HILLS LINE 1

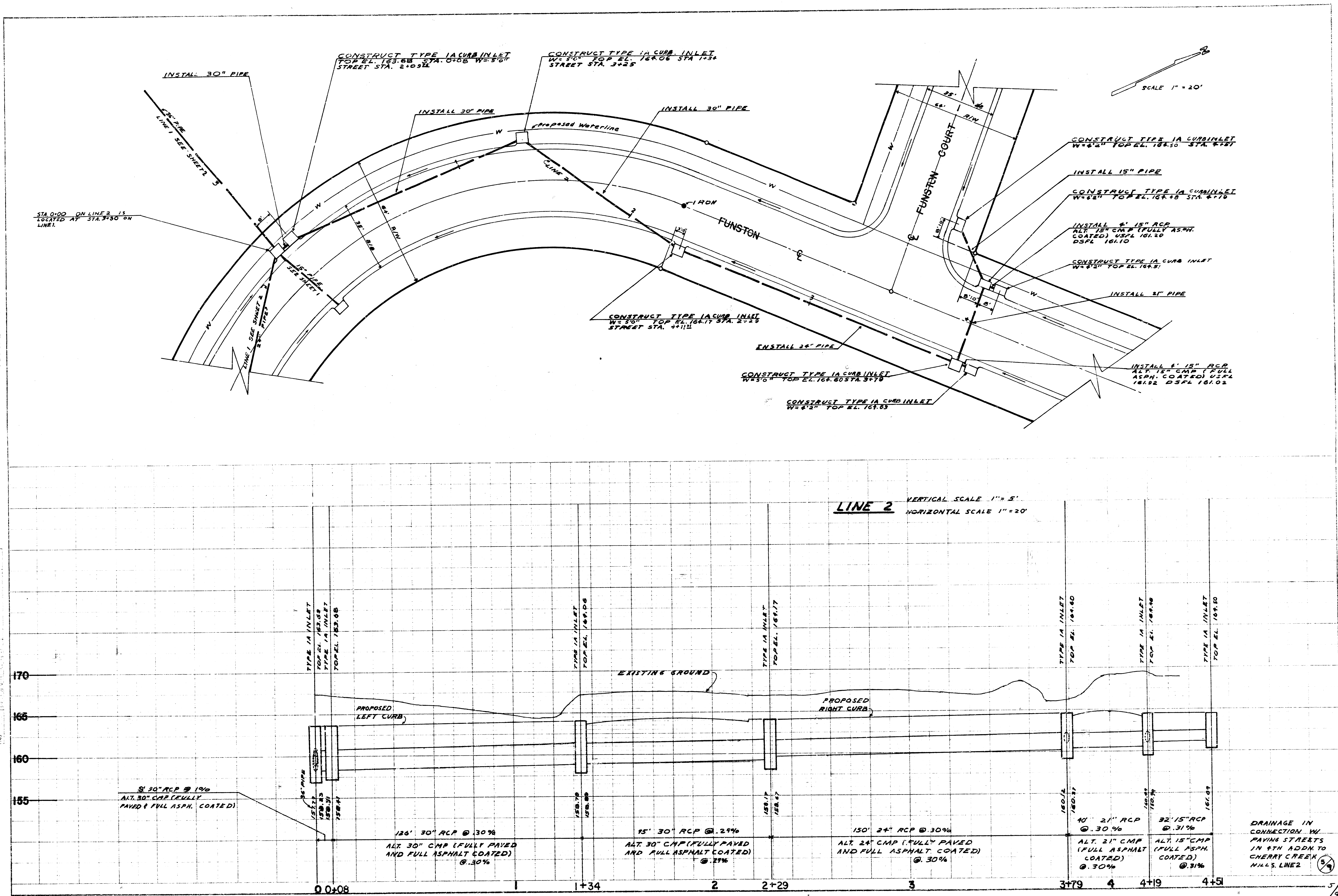
PROFILE	SEARCHED	INDEXED	SERIALIZED	FILED
	OCT 10 1964			
NOTE BOOK	FBI - NEW YORK			



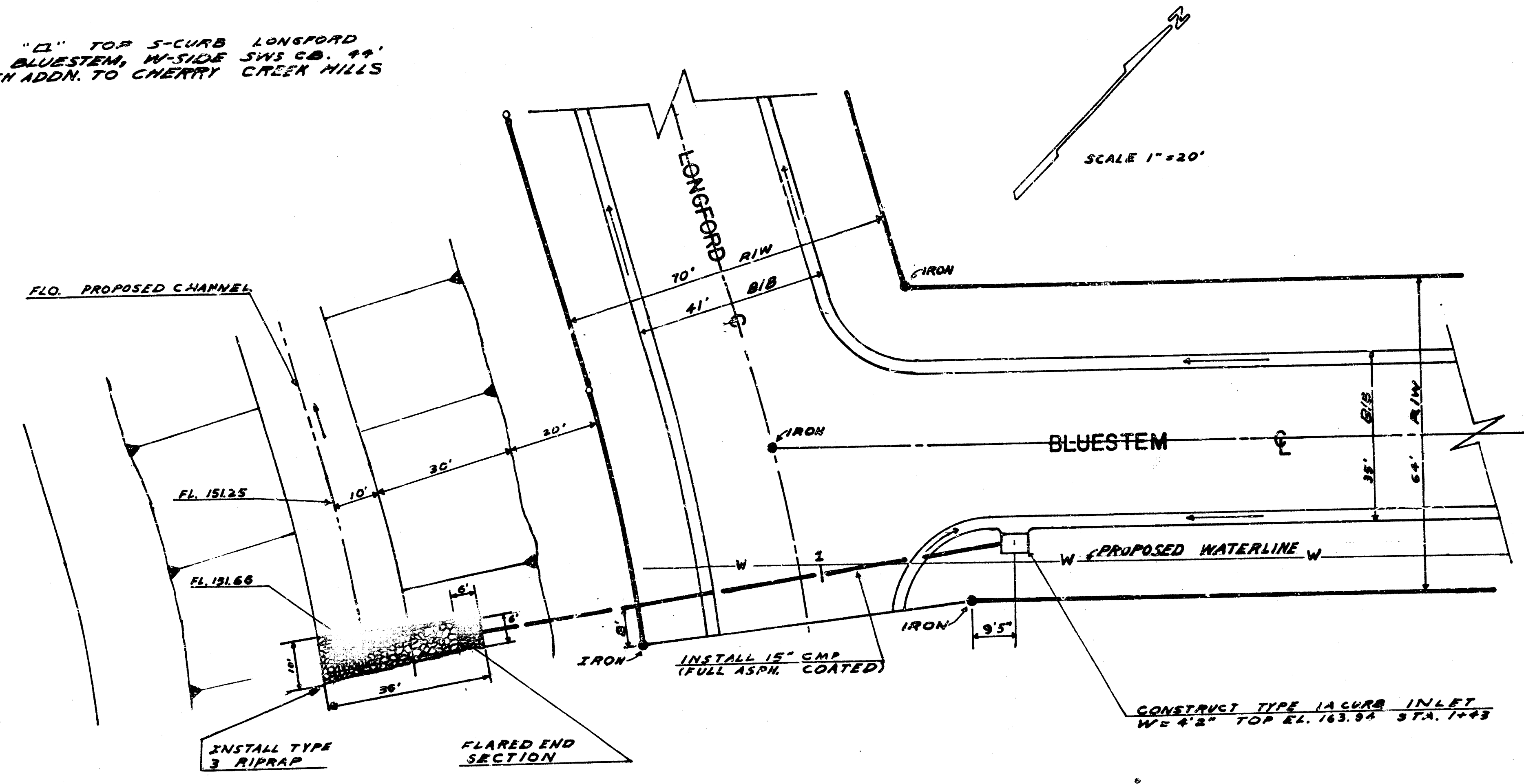
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PLAN
 DATE 11/11/11
 BY M. HARTING
 NO. 14133

PROFILE
 DATE 11/11/11
 BY M. HARTING
 NO. 14133

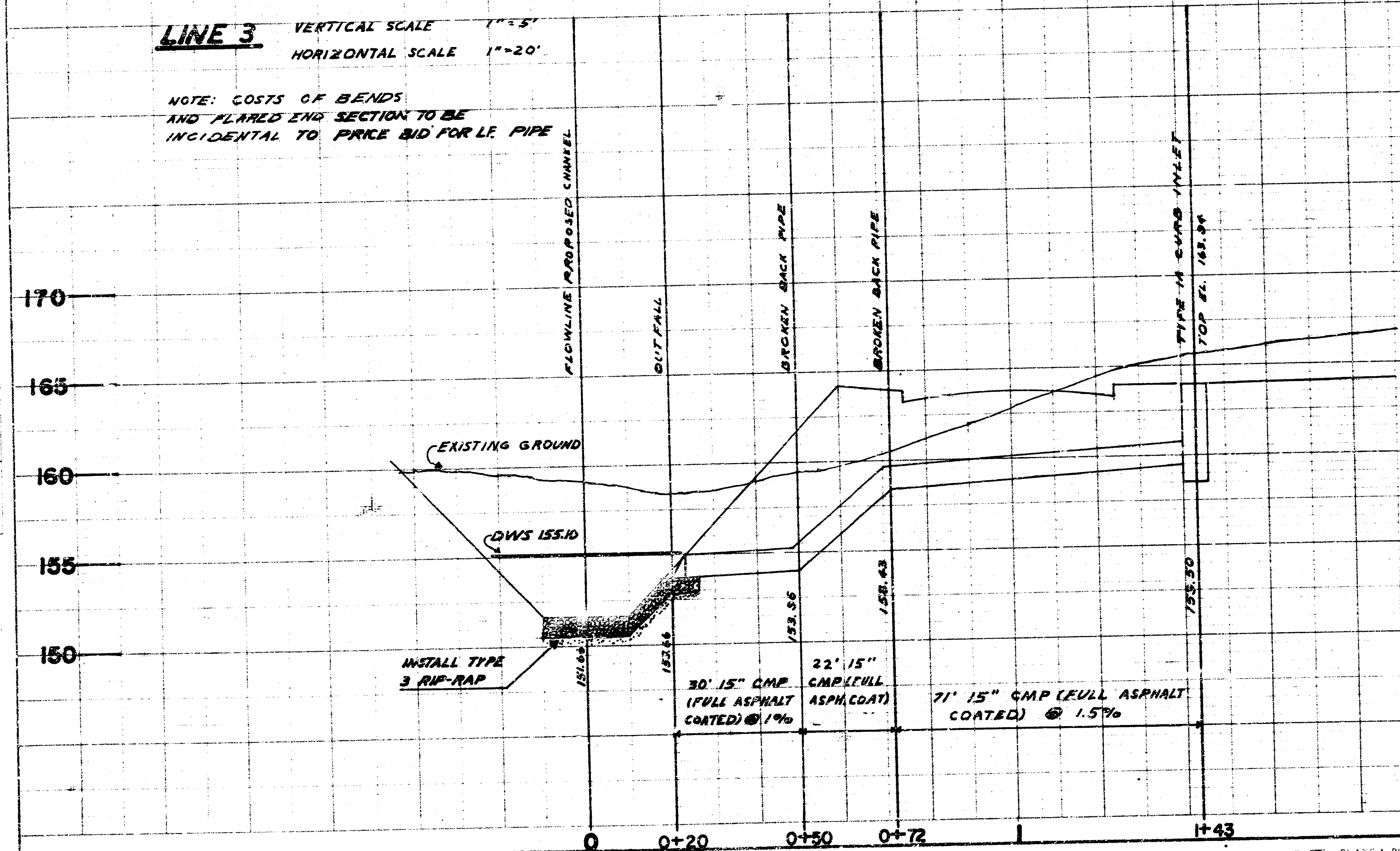


B.M. EL. 140.76 "12" TOP 5-CURB LONGFORD
100' ± W. OF BLUESTEM, W-SIDE SWS C.B. 44'
W. OF W.L. 4TH ADDN. TO CHERRY CREEK HILLS



LINE 3 VERTICAL SCALE 1"=5'
HORIZONTAL SCALE 1"=20'

NOTE: COSTS OF BENDS
AND FLARED END SECTION TO BE
INCIDENTAL TO PRICE BID FOR L.F. PIPE

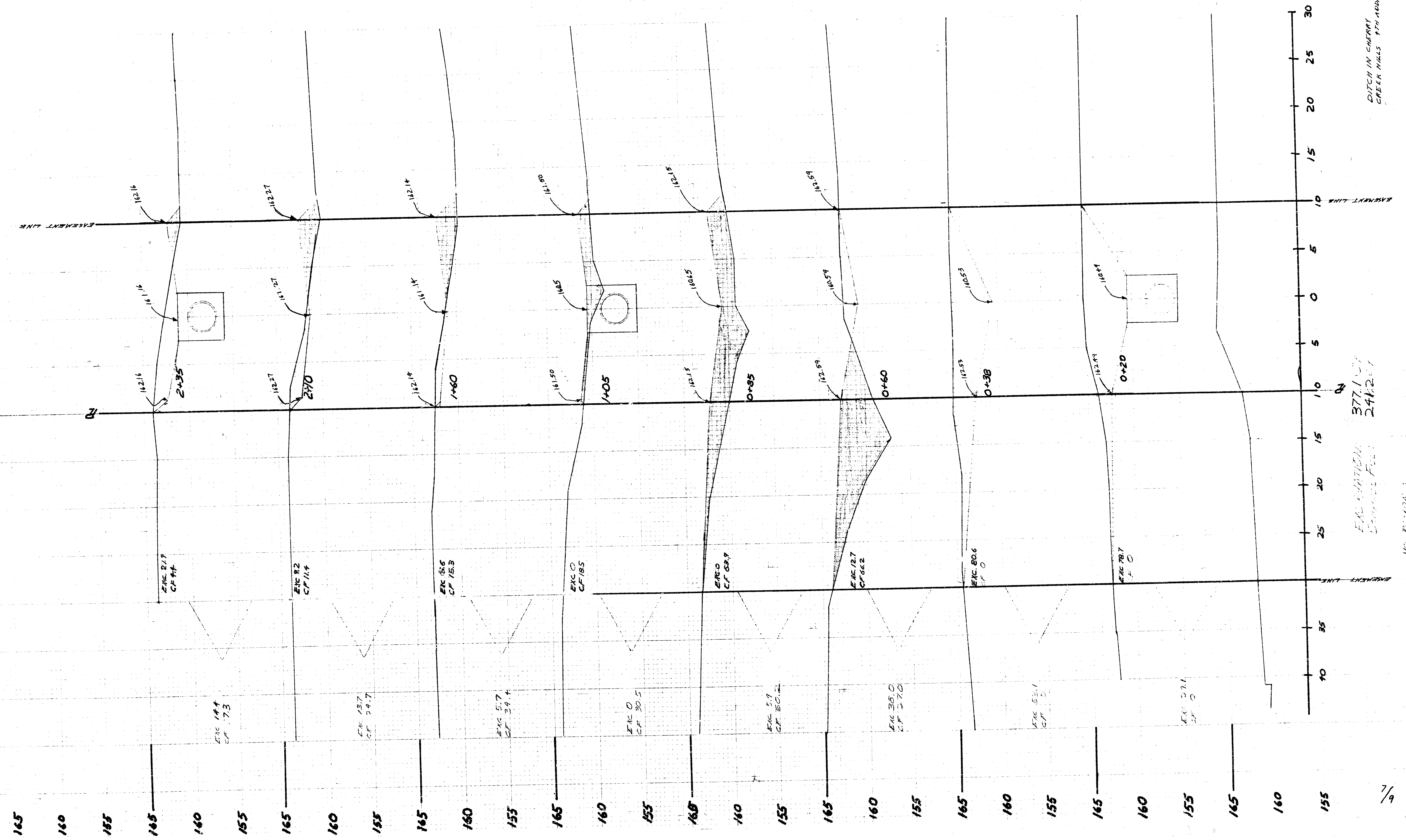


DRAINAGE IN CONNECTION
W/ PAVING STREETS IN 4TH
ADDN. TO CHERRY CREEK HILLS
LINE 3

6/9

PLATE 1 PLAN/PROFILE
K&E
48 7024 MADE IN U.S.A.

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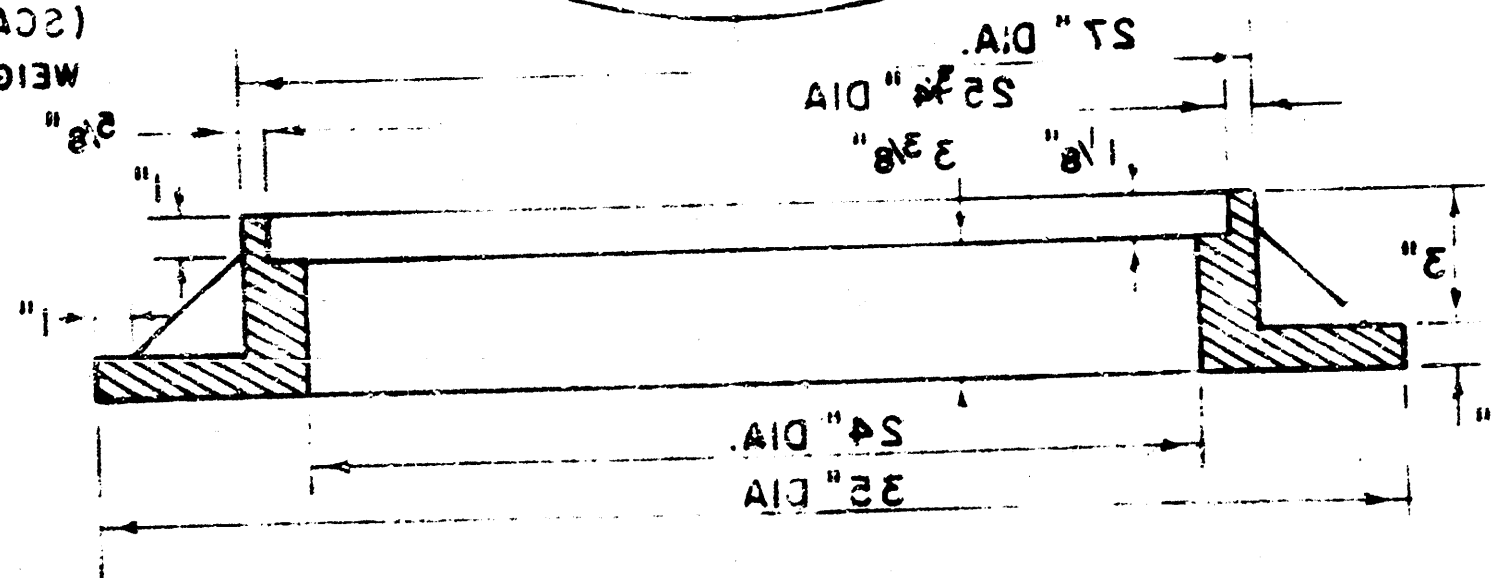
DITCH IN CHERRY GREEN HILLS 4TH ADDN

ENC 82 377.107 241.21

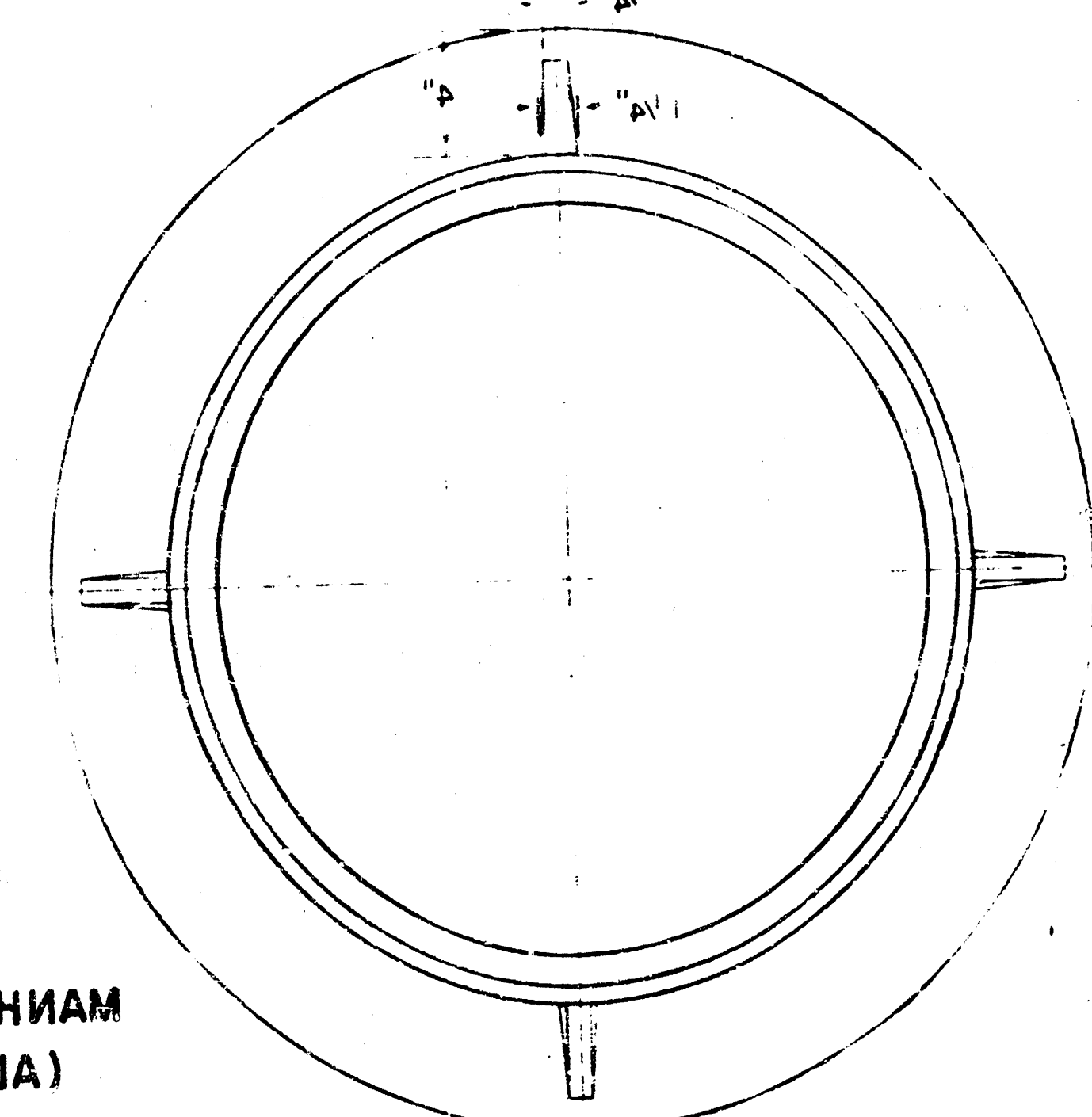
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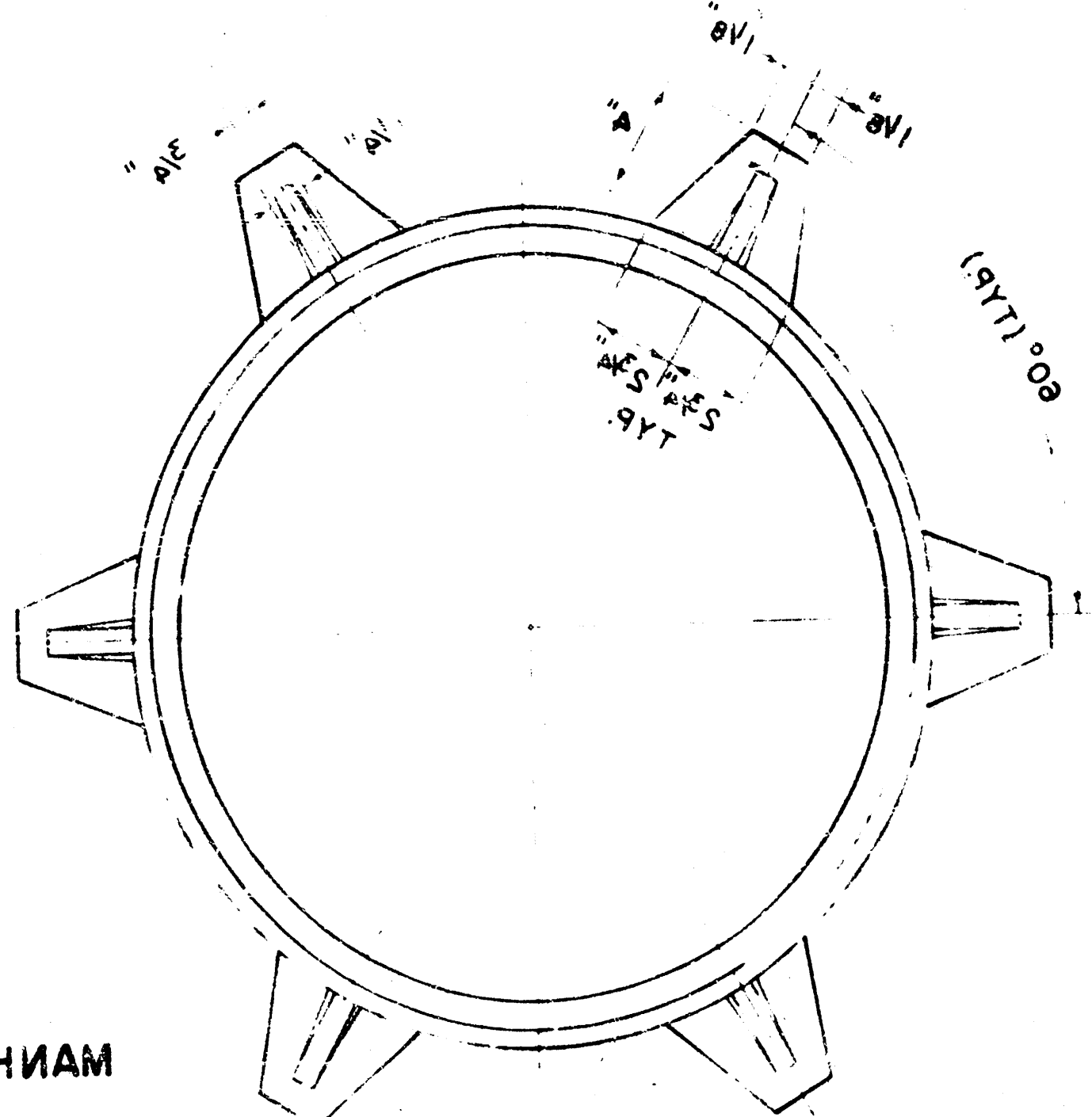
OCTOBER 1928
R. W. LINN - CITY ENGINEER
CITY OF WICHITA, KANSAS
DETAIL STANDARD TYPE IA CURB INLET



MANHOLE FRAME
(ALTERNATE)
(SCALE 1" = 6")
WEIGHT = 180 LBS.

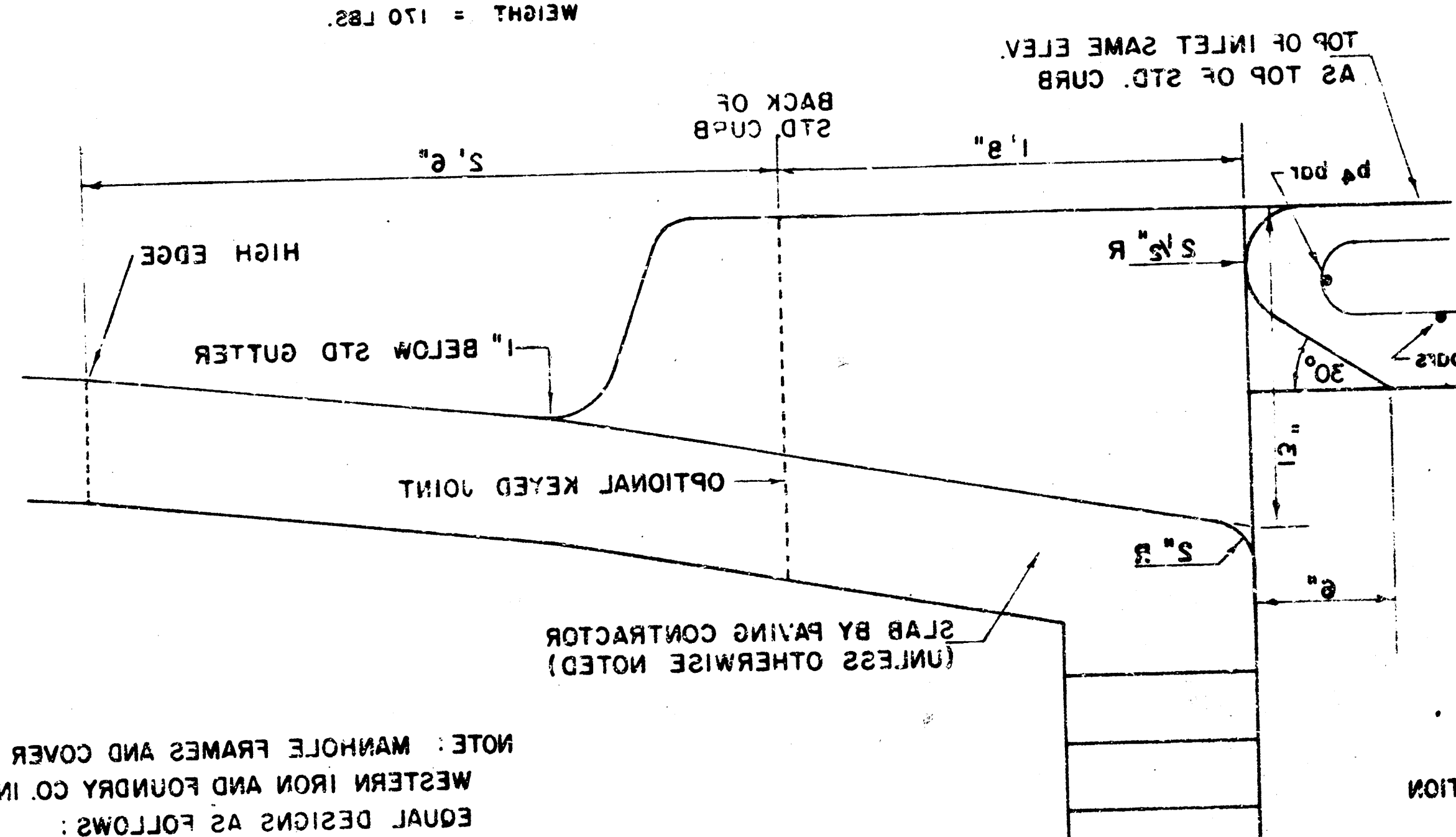


MANHOLE FRAME
(SCALE 1" = 6")
WEIGHT = 180 LBS.

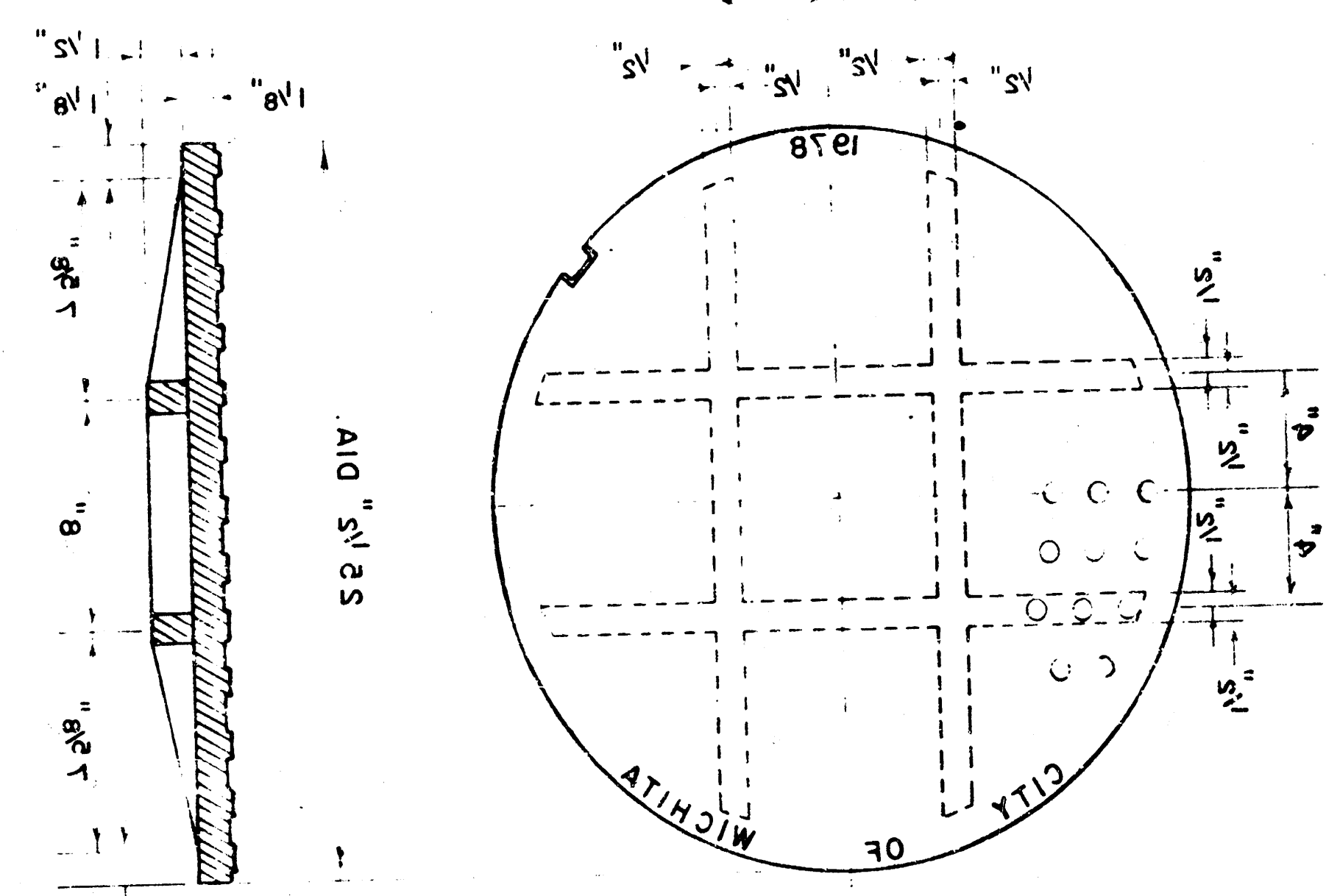


NOTE: MANHOLE FRAMES AND COVER ARE
WESTERN IRON AND FOUNDRY CO. INC. OR
EQUAL DESIGNS AS FOLLOWS:
FRAME: 200-LB4
FRAME (ALTERNATE): 200 A4
COVER: 225 24 "MOBBY"

SECTION B - B
(SCALE 1" = 6")

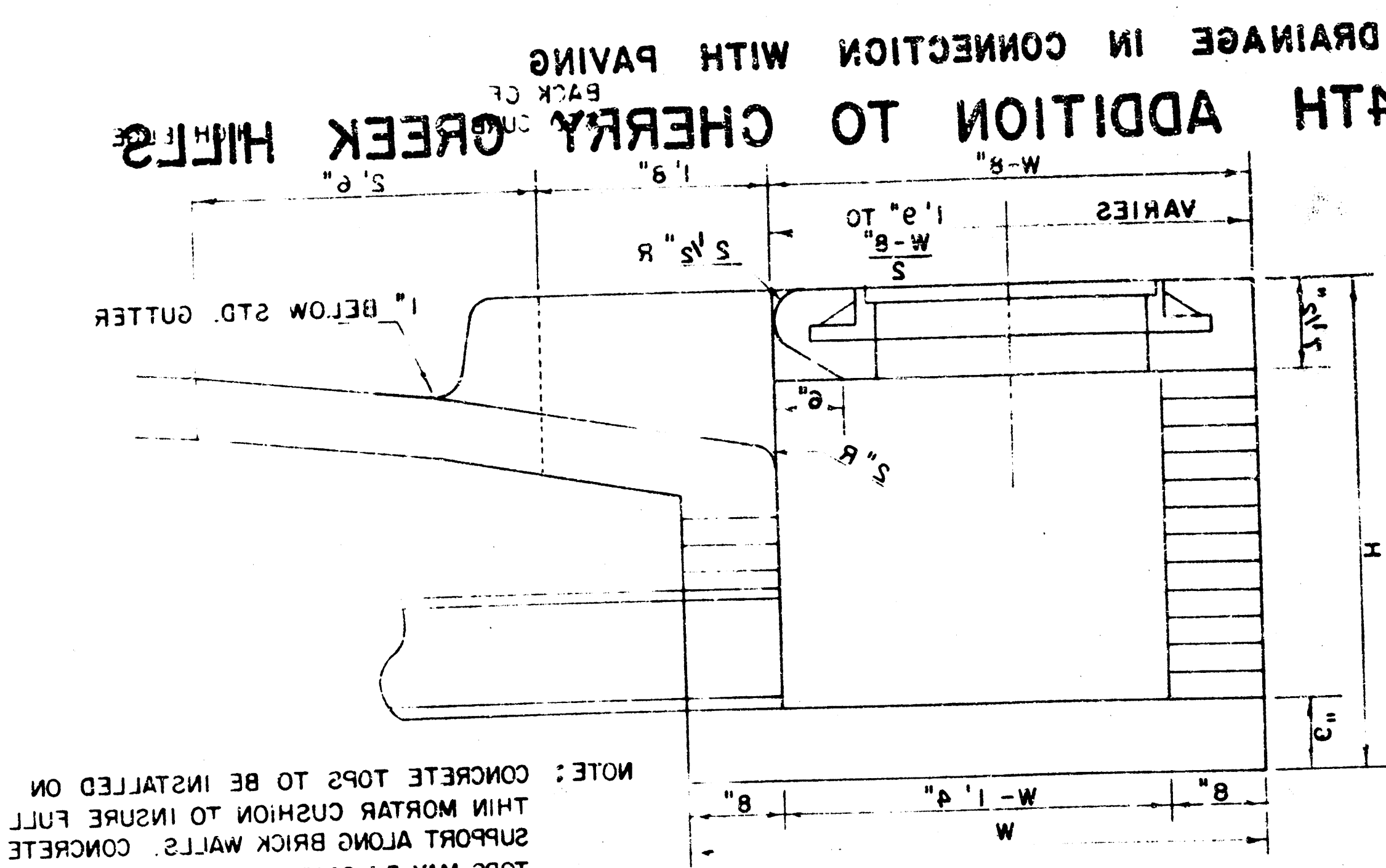


MANHOLE COVER
(SCALE 1" = 6")
WEIGHT = 120 LBS.



NOTE: CONCRETE TOPS TO BE INSTALLED ON
THIN MORTAR CUSHION TO INSURE FULL
SUPPORT ALONG BRICK WALLS. CONCRETE
TOPS MAY BE CAST IN PLACE OR PRECAST
CONCRETE FOR INLET TOPS AND FLOORS
SHALL BE 8-BACK PAVING MIX.

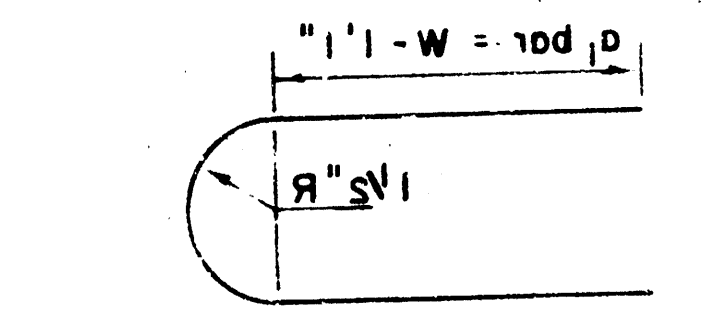
SECTION A - A
(SCALE 1" = 1'0")



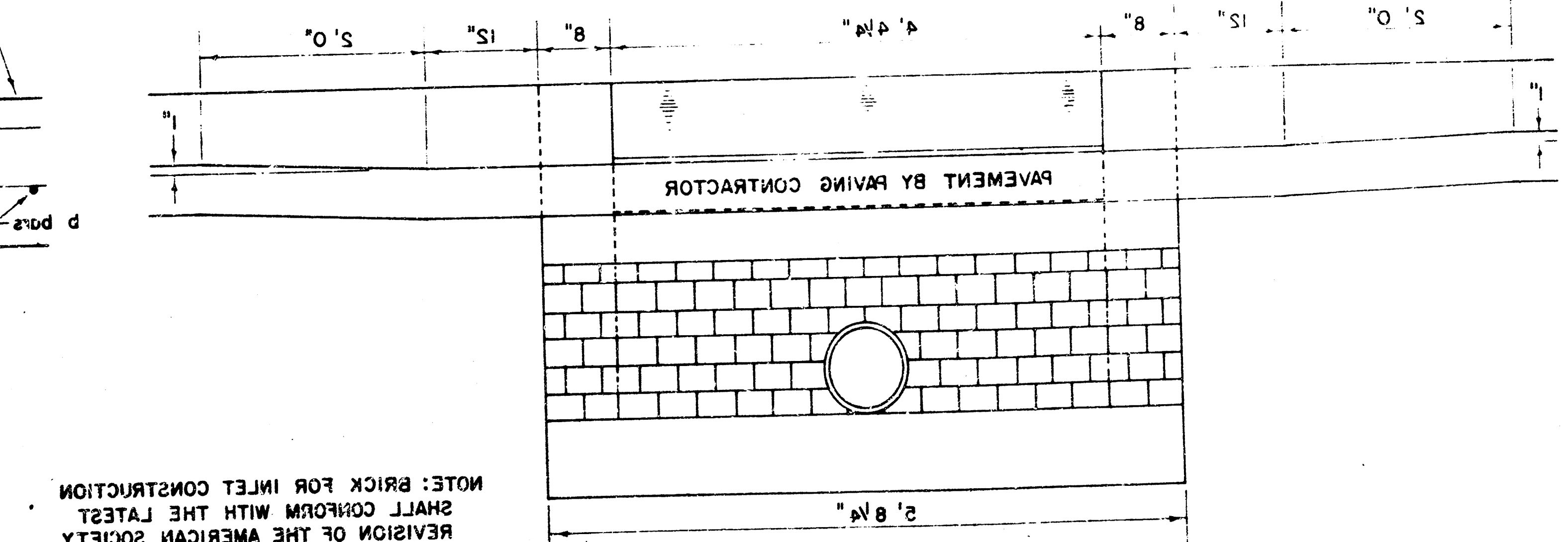
STREETS IN 4TH ADDITION TO CHERRY GREEK HILLS
DRAINAGE IN CONNECTION WITH PAVING
BACK OF

STANDARD CURB INLET PRECAST TOPS			
W	PRECAST TOP SIZE	PIPE SIZE	CURB CONC.
4.5"	36"x36"x12.5"	12.5"	0.48 *
5.0"	44"x44"x12.5"	12.5"	0.52 *
6.0"	54"x54"x12.5"	12.5"	0.71 *
7.0"	64"x64"x12.5"	12.5"	0.84 *
8.0"	74"x74"x12.5"	12.5"	0.97 *

BENDING DIAGRAM

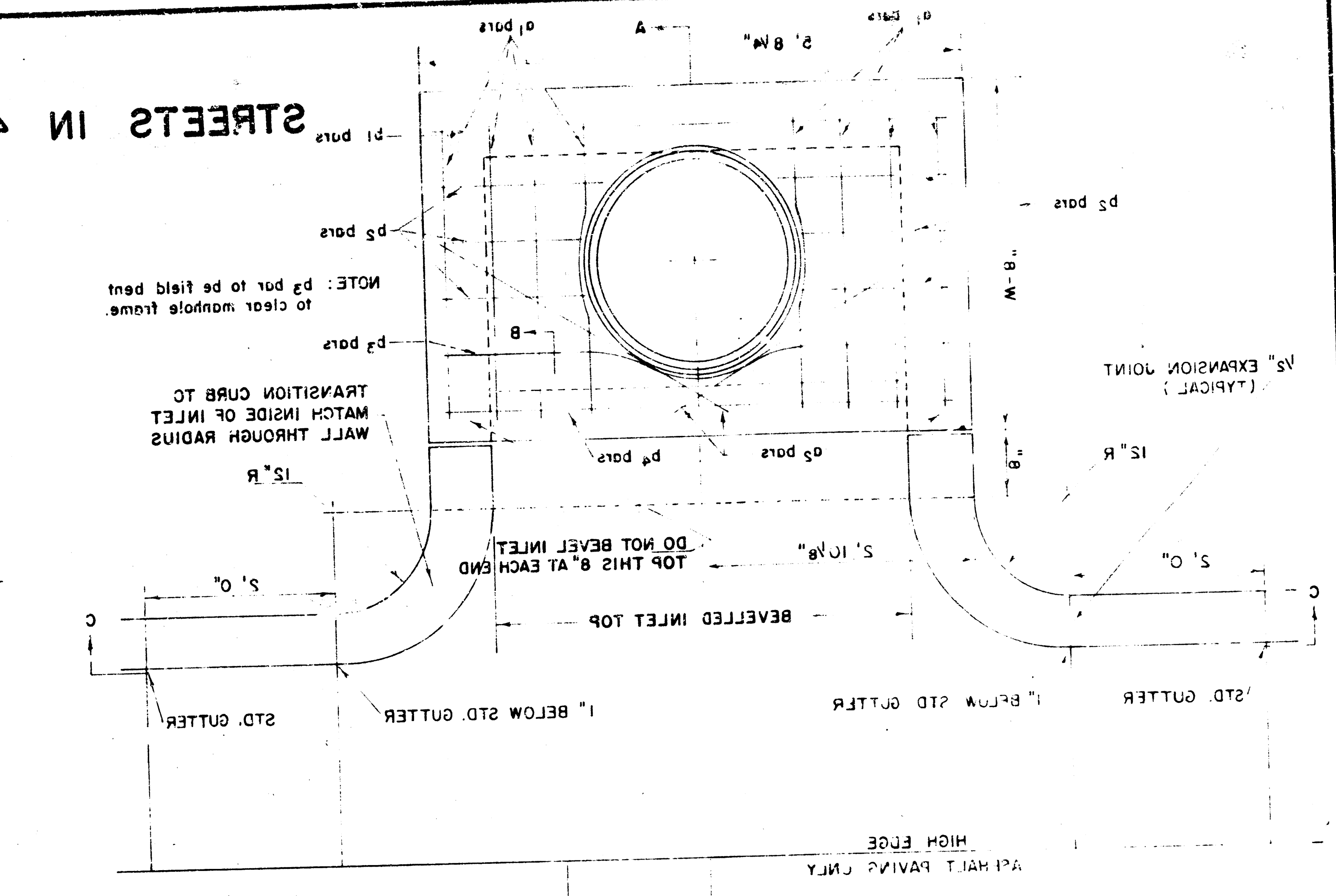


NOTE: BRICK FOR INLET CONSTRUCTION
SHALL CONFORM WITH THE LATEST
REVISION OF THE AMERICAN SOCIETY
FOR TESTING AND MATERIALS DESIGNATION
C-35 FOR MANHOLE BRICK GRADE MS.



SECTION C - C
(SCALE 1" = 1'0")

PLAN
(SCALE 1" = 1'0")



STEEL SCHEDULE			
NUM.	SIZE	WT.	WT.
1	1/2" x 1/2" x 1/2"	1.5	1.5
2	1/2" x 1/2" x 1/2"	1.5	1.5
3	1/2" x 1/2" x 1/2"	1.5	1.5
4	1/2" x 1/2" x 1/2"	1.5	1.5
5	1/2" x 1/2" x 1/2"	1.5	1.5
6	1/2" x 1/2" x 1/2"	1.5	1.5
7	1/2" x 1/2" x 1/2"	1.5	1.5
8	1/2" x 1/2" x 1/2"	1.5	1.5
9	1/2" x 1/2" x 1/2"	1.5	1.5
10	1/2" x 1/2" x 1/2"	1.5	1.5
11	1/2" x 1/2" x 1/2"	1.5	1.5
12	1/2" x 1/2" x 1/2"	1.5	1.5
13	1/2" x 1/2" x 1/2"	1.5	1.5
14	1/2" x 1/2" x 1/2"	1.5	1.5
15	1/2" x 1/2" x 1/2"	1.5	1.5
16	1/2" x 1/2" x 1/2"	1.5	1.5
17	1/2" x 1/2" x 1/2"	1.5	1.5
18	1/2" x 1/2" x 1/2"	1.5	1.5
19	1/2" x 1/2" x 1/2"	1.5	1.5
20	1/2" x 1/2" x 1/2"	1.5	1.5
21	1/2" x 1/2" x 1/2"	1.5	1.5
22	1/2" x 1/2" x 1/2"	1.5	1.5
23	1/2" x 1/2" x 1/2"	1.5	1.5
24	1/2" x 1/2" x 1/2"	1.5	1.5
25	1/2" x 1/2" x 1/2"	1.5	1.5
26	1/2" x 1/2" x 1/2"	1.5	1.5
27	1/2" x 1/2" x 1/2"	1.5	1.5
28	1/2" x 1/2" x 1/2"	1.5	1.5
29	1/2" x 1/2" x 1/2"	1.5	1.5
30	1/2" x 1/2" x 1/2"	1.5	1.5
31	1/2" x 1/2" x 1/2"	1.5	1.5
32	1/2" x 1/2" x 1/2"	1.5	1.5
33	1/2" x 1/2" x 1/2"	1.5	1.5
34	1/2" x 1/2" x 1/2"	1.5	1.5
35	1/2" x 1/2" x 1/2"	1.5	1.5
36	1/2" x 1/2" x 1/2"	1.5	1.5
37	1/2" x 1/2" x 1/2"	1.5	1.5
38	1/2" x 1/2" x 1/2"	1.5	1.5
39	1/2" x 1/2" x 1/2"	1.5	1.5
40	1/2" x 1/2" x 1/2"	1.5	1.5
41	1/2" x 1/2" x 1/2"	1.5	1.5
42	1/2" x 1/2" x 1/2"	1.5	1.5
43	1/2" x 1/2" x 1/2"	1.5	1.5
44	1/2" x 1/2" x 1/2"	1.5	1.5
45	1/2" x 1/2" x 1/2"	1.5	1.5
46	1/2" x 1/2" x 1/2"	1.5	1.5
47	1/2" x 1/2" x 1/2"	1.5	1.5
48	1/2" x 1/2" x 1/2"	1.5	1.5
49	1/2" x 1/2" x 1/2"	1.5	1.5
50	1/2" x 1/2" x 1/2"	1.5	1.5
51	1/2" x 1/2" x 1/2"	1.5	1.5
52	1/2" x 1/2" x 1/2"	1.5	1.5
53	1/2" x 1/2" x 1/2"	1.5	1.5
54	1/2" x 1/2" x 1/2"	1.5	1.5
55	1/2" x 1/2" x 1/2"	1.5	1.5
56	1/2" x 1/2" x 1/2"	1.5	1.5
57	1/2" x 1/2" x 1/2"	1.5	1.5
58	1/2" x 1/2" x 1/2"	1.5	1.5
59	1/2" x 1/2" x 1/2"	1.5	1.5
60	1/2" x 1/2" x 1/2"	1.5	1.5
61	1/2" x 1/2" x 1/2"	1.5	1.5
62	1/2" x 1/2" x 1/2"	1.5	1.5
63	1/2" x 1/2" x 1/2"	1.5	1.5
64	1/2" x 1/2" x 1/2"	1.5	1.5
65	1/2" x 1/2" x 1/2"	1.5	1.5
66	1/2" x 1/2" x 1/2"	1.5	1.5
67	1/2" x 1/2" x 1/2"	1.5	1.5
68	1/2" x 1/2" x 1/2"	1.5	1.5
69	1/2" x 1/2" x 1/2"	1.5	1.5
70	1/2" x 1/2" x 1/2"	1.5	1.5
71	1/2" x 1/2" x 1/2"	1.5	1.5
72	1/2" x 1/2" x 1/2"	1.5	1.5
73	1/2" x 1/2" x 1/2"	1.5	1.5
74	1/2" x 1/2" x 1/2"	1.5	1.5
75	1/2" x 1/2" x 1/2"	1.5	1.5
76	1/2" x 1/2" x 1/2"	1.5	1.5
77	1/2" x 1/2" x 1/2"	1.5	1.5
78	1/2" x 1/2" x 1/2"	1.5	1.5
79	1/2" x 1/2" x 1/2"	1.5	1.5
80	1/2" x 1/2" x 1/2"	1.5	1.5
81	1/2" x 1/2" x 1/2"	1.5	1.5
82	1/2" x 1/2" x 1/2"	1.5	1.5
83	1/2" x 1/2" x 1/2"	1.5	1.5
84	1/2" x 1/2" x 1/2"	1.5	1.5
85	1/2" x 1/2" x 1/2"	1.5	1.5
86	1/2" x 1/2" x 1/2"	1.5	1.5
87	1/2" x 1/2" x 1/2"	1.5	1.5
88	1/2" x 1/2" x 1/2"	1.5	1.5
89	1/2" x 1/2" x 1/2"	1.5	1.5
90	1/2" x 1/2" x 1/2"	1.5	1.5
91	1/2" x 1/2" x 1/2"	1.5	1.5
92	1/2" x 1/2" x 1/2"	1.5	1.5
93	1/2" x 1/2" x 1/2"	1.5	1.5
94	1/2" x 1/2" x 1/2"	1.5	1.5
95	1/2" x 1/2" x 1/2"	1.5	1.5
96	1/2" x 1/2" x 1/2"	1.5	1.5
97	1/2" x 1/2" x 1/2"	1.5	1.5
98	1/2" x 1/2" x 1/2"	1.5	1.5
99	1/2" x 1/2" x 1/2"	1.5	1.5
100	1/2" x 1/2" x 1/2"	1.5	1.5

* NOTE: 5 BARS TO BE PLACED APPROX. 5" BELOW TOP OF INLET COVER