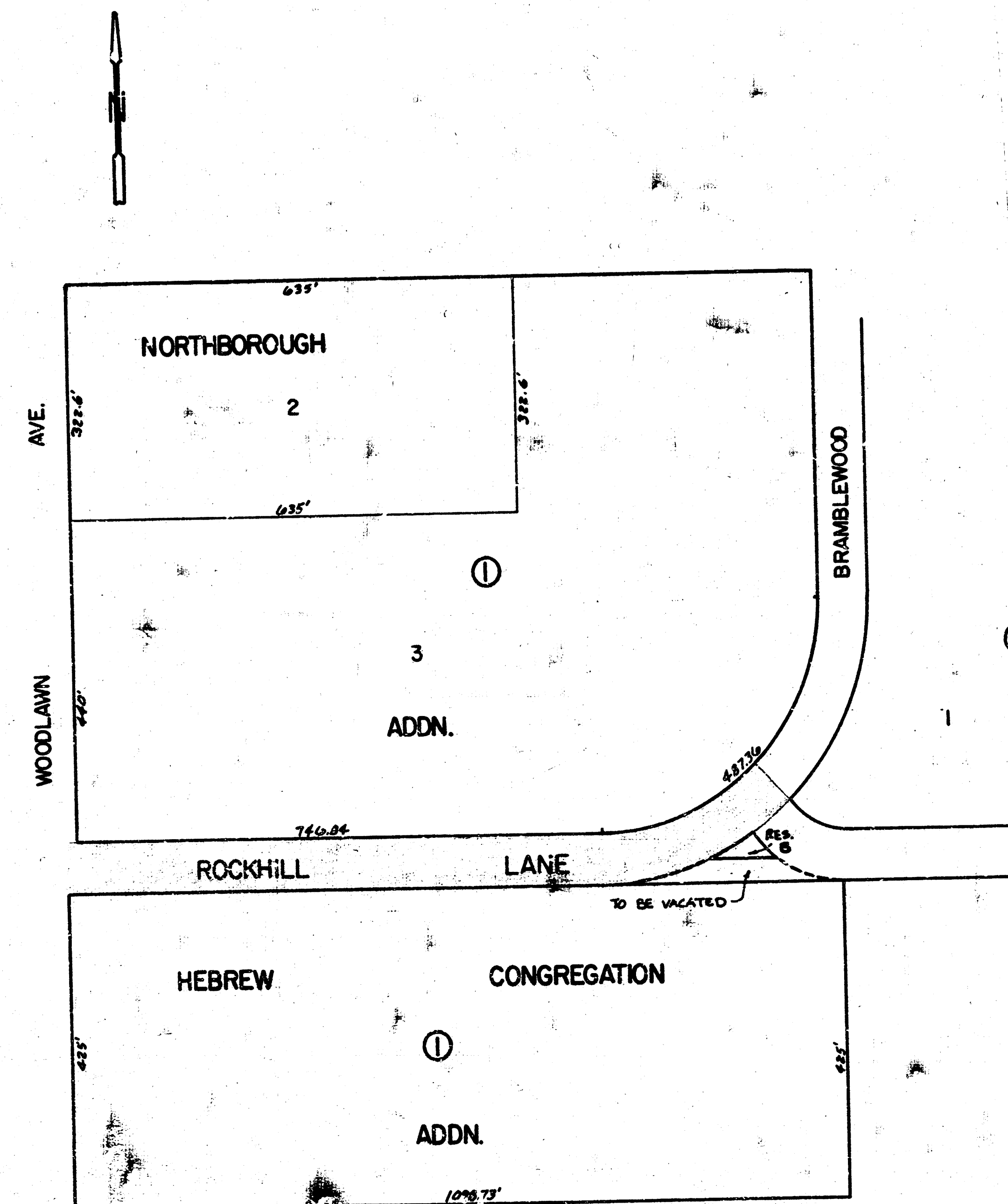


ROCKHILL LANE

E. L. WOODLAWN TO S. L. LT. 1, BLK. 3 NORTHBOROUGH ADDN.



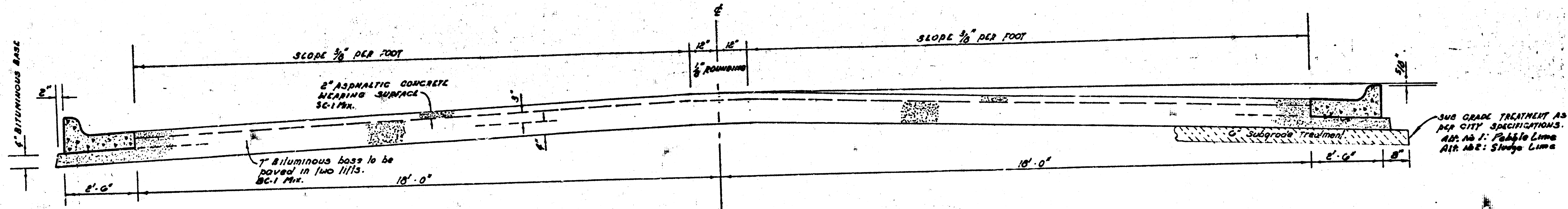
GENERAL NOTES:

- (1) NO MORE THAN 15-30 FOOT DITCHES ARE TO BE CONSTRUCTED WITHIN THIS PROJECT.
- (2) EARTHWORK TO MEET EXISTING GROUND ELEVATION AT RIGHT-OF-WAY LINE, UNLESS OTHERWISE NOTED ON THE PLAN WITH A NEW ELEVATION. IF A NEW ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND RIGHT OF WAY LINE, THENCE UP OR DOWN ON A 1:1 SLOPE TO THE EXISTING GROUND SURFACE.
- (3) CONTRACTOR TO BID ONLY ONE SUB-GRADE TREATMENT ALTERNATE. ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED FOR CONSTRUCTION ON THIS PROJECT.



PROJECT DESCRIPTION	
PROJECT NUMBER 472 76 245 80577 000 000 001	
BOOK NO. 714 19 20	APPROVED BY
DRAWN BY H/g	REVISION
CITY OF WICHITA DEPARTMENT OF ENGINEERING	
DIRECTOR OF ENGINEERING R. W. BRUGEMAN	SCALE 1/8"

ROCKHILL LN
E. L. WOODLAWN TO S. L. LT. 1, BLK. 3
NORTHBOROUGH ADDN.



The A.C. pavement between the comb curb & gutter shall be paid as 39 yds 9" A.C. pavement (1" Bituminous Base). The Bituminous Base under the comb curb & gutter shall be paid as 39 yds 9" Bituminous Base.

TYPICAL SECTION

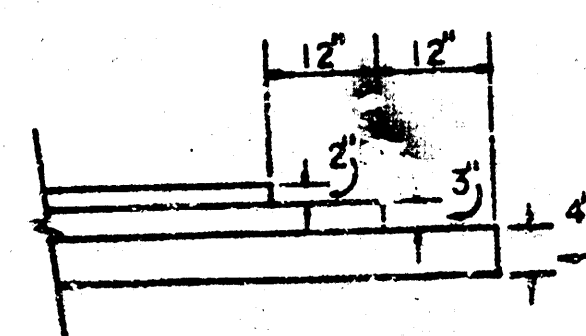
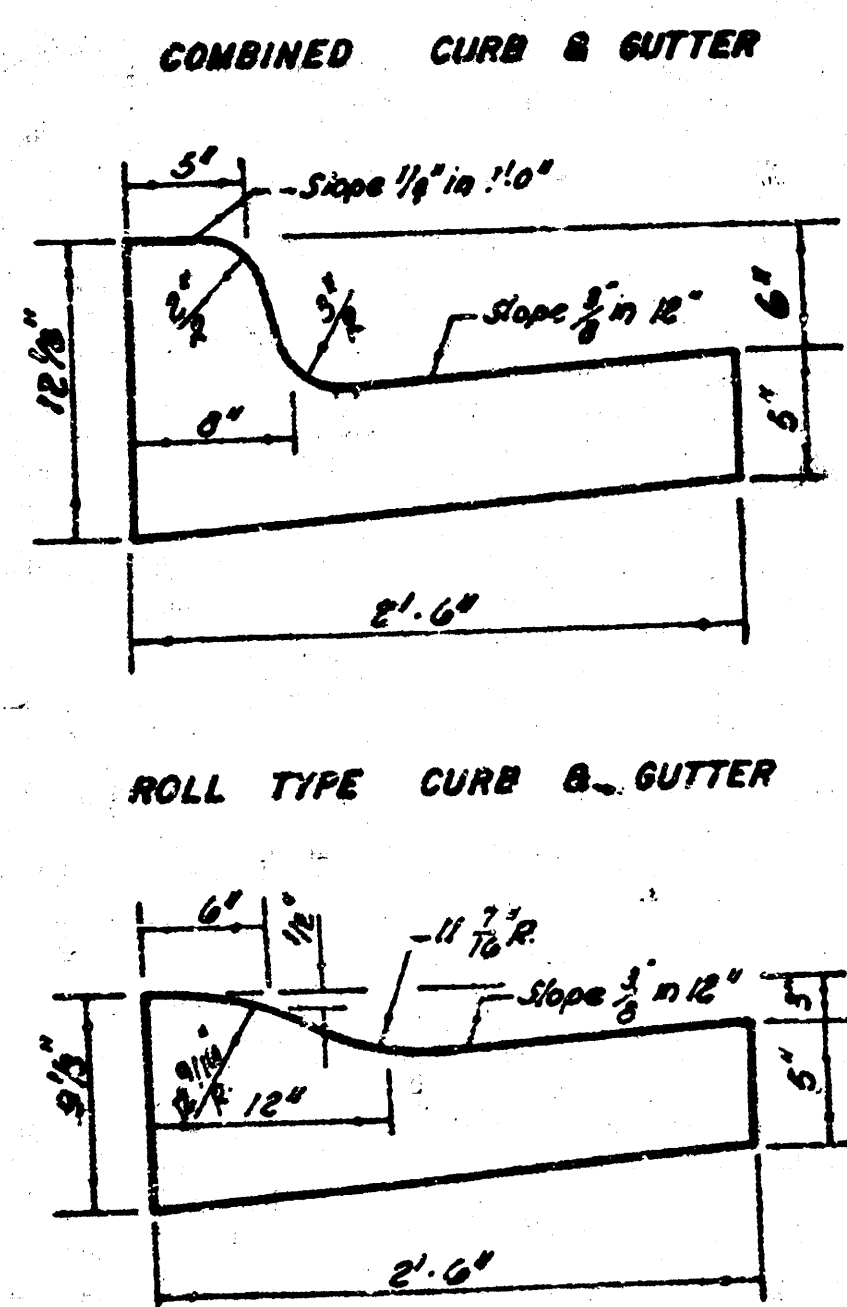
41' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

Manipulation = 5,115.0 S.Y.



CITY OF WICHITA, KANSAS

PROJ. NO. 276245 805710900000

2/8

Surveyed by: B. J. 11/20
Plan: 11/20
CK: 11/20
Checked: 11/20

BM = 220.41 - R.R. SPIKE SE F. PP @ NW COR.
WOODLAWN & ROCKHILL.
BM = 207.35 - R.R. SPIKE W SIDE HEDGE TREE APPROX. 300'
E & 240' N OF NE COR. BRAMBLEWOOD & ROCKHILL.

E is E Rockhill Ln.

P.V.I.
100' V.C.
ELEV. 218.36

P.V.T.

65' Continental Pipeline Co. Setback Line

Scale: 1"=20'

PI
50' V.C.
ELEV. 209.92

4+50

-1.1533%
+0.7' Wk. Gr.

WARP WALK GRADE IN 50'
+0.3' to +0.7'

-2.6049%
+0.3' Wk. Gr.

15' Continental Pipeline Co. Easement

20' Continental Pipeline Co. Restricted Easement

ROCKHILL LN.

9" Asph. Conc. Pmt.
(1" Bit. Base)

INTERSECTION QUANTITIES

- S.Y. — Concrete Pavement
- 31.1 S.Y. — 2" Asphaltic Conc. Pavement (7" Bituminous Base)
- 2.7 S.Y. — Bituminous Base
- 18.8 L.F. Combined Curb & Gutter
- L.F. Integral Curb
- S.F. 4" Wheelchair Ramp
- S.F. 4" Walk
- C.Y. Excavation
- C.Y. Compacted Fill
- Lbs. Reinforcing Steel
- S.Y. Manipulation
- Tons Lime or Cement
- S.Y. V.G. — Concrete & — Asphaltic Concrete Base

+0.3' Wk. Gr.
-2.6049%

WARP WALK GRADE IN 50'
+0.3' to +0.7'

+0.7' Wk. Gr.
-1.1533%

PI
50' V.C.
ELEV. 209.92

EARTHWORK

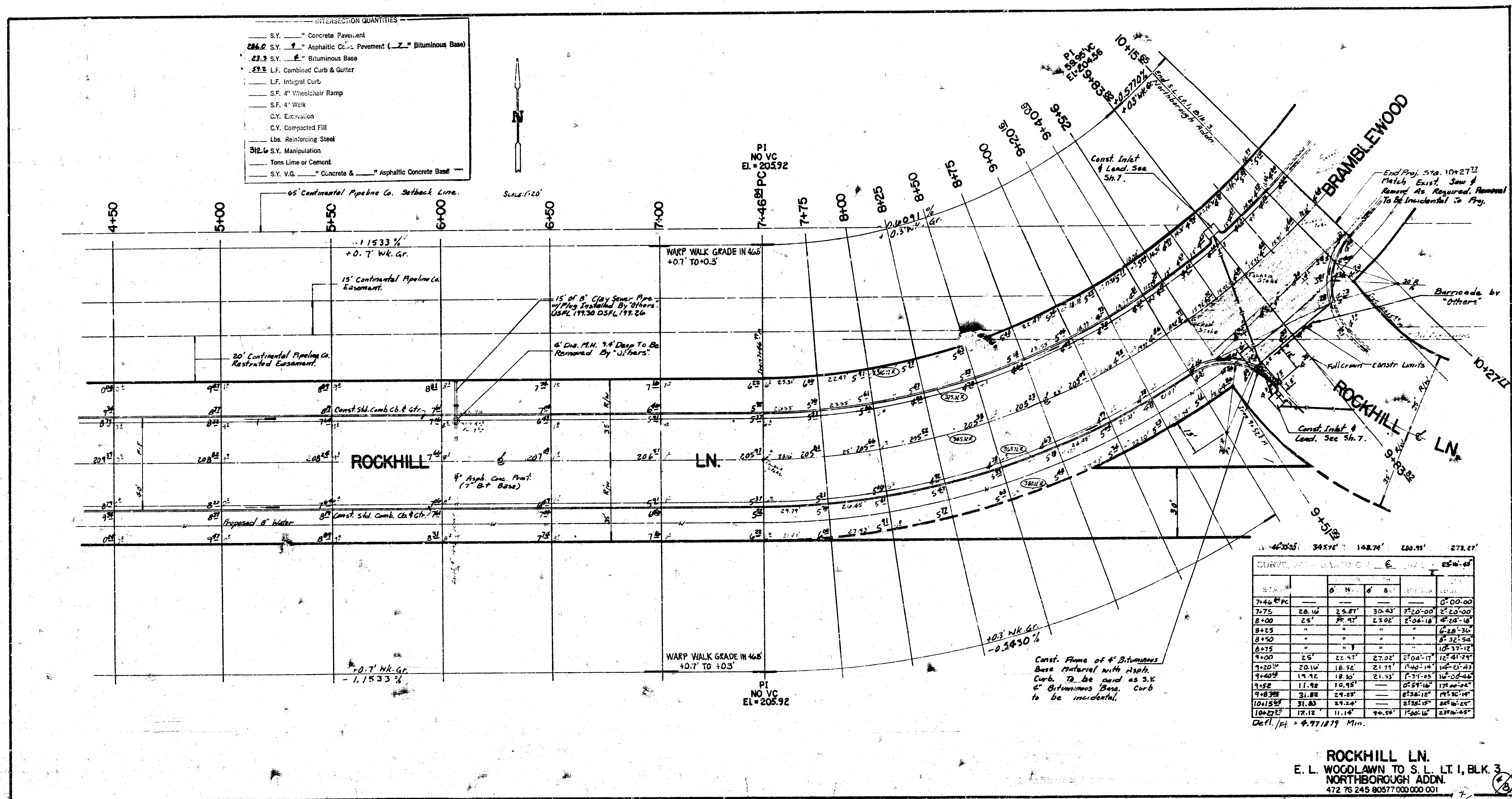
PROP	CITY
EXCAVATION	EXCAVATION
1,982.6	140.7
173.3	14.1
2,155.9	154.8

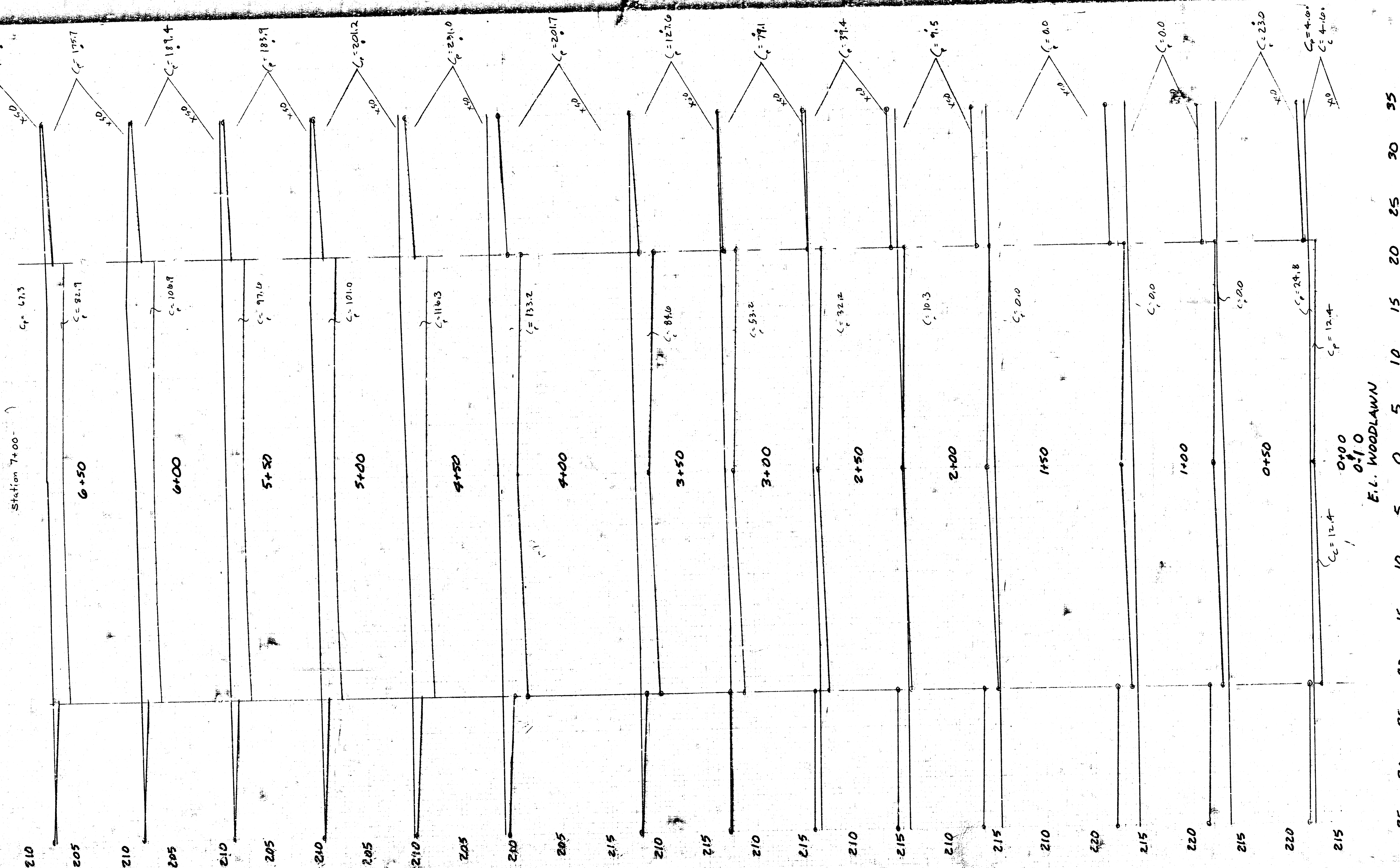
X - SECTION
1.0%
TOTAL

ROCKHILL LN.
E.L. WOODLAWN TO S.L. LT. 1, BLK 3
NORTHBOROUGH ADDN.
472 76 245 8057 000 000 001

CAUTION
UNDERGROUND
UTILITIES
Please check with R.R. & E. or
Sewerage & Water
Telephone Co. for location

3/8

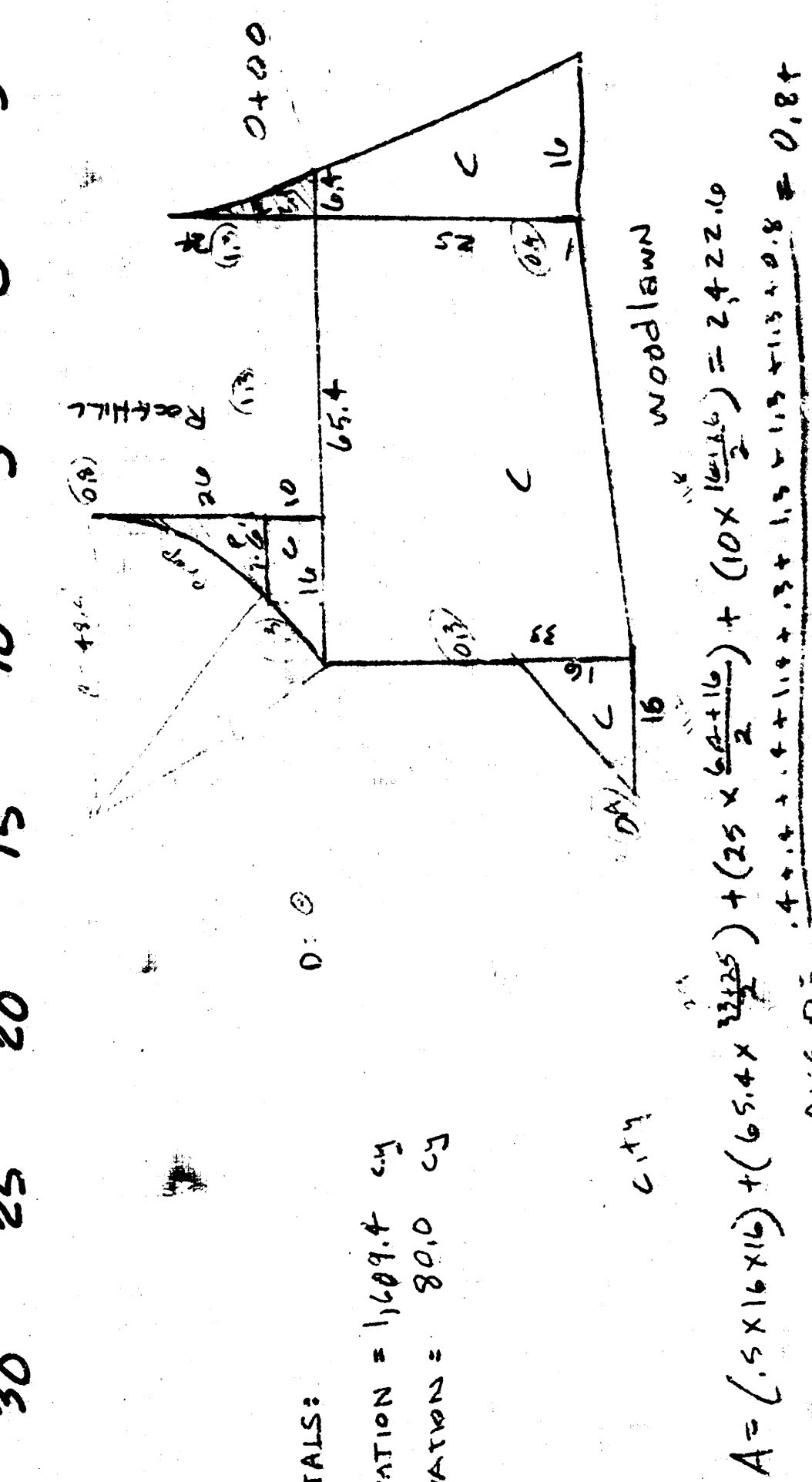




$$P_{PROP} = (5 \times 76 \times 2.0) + (5 \times 2 \times 10.0) = 176.0$$

$$D = \frac{176.0 \times 1.1}{3} = 64.5$$

$$Vol P = \frac{176.0 \times 1.1}{27} = 7.2 \text{ CY}$$



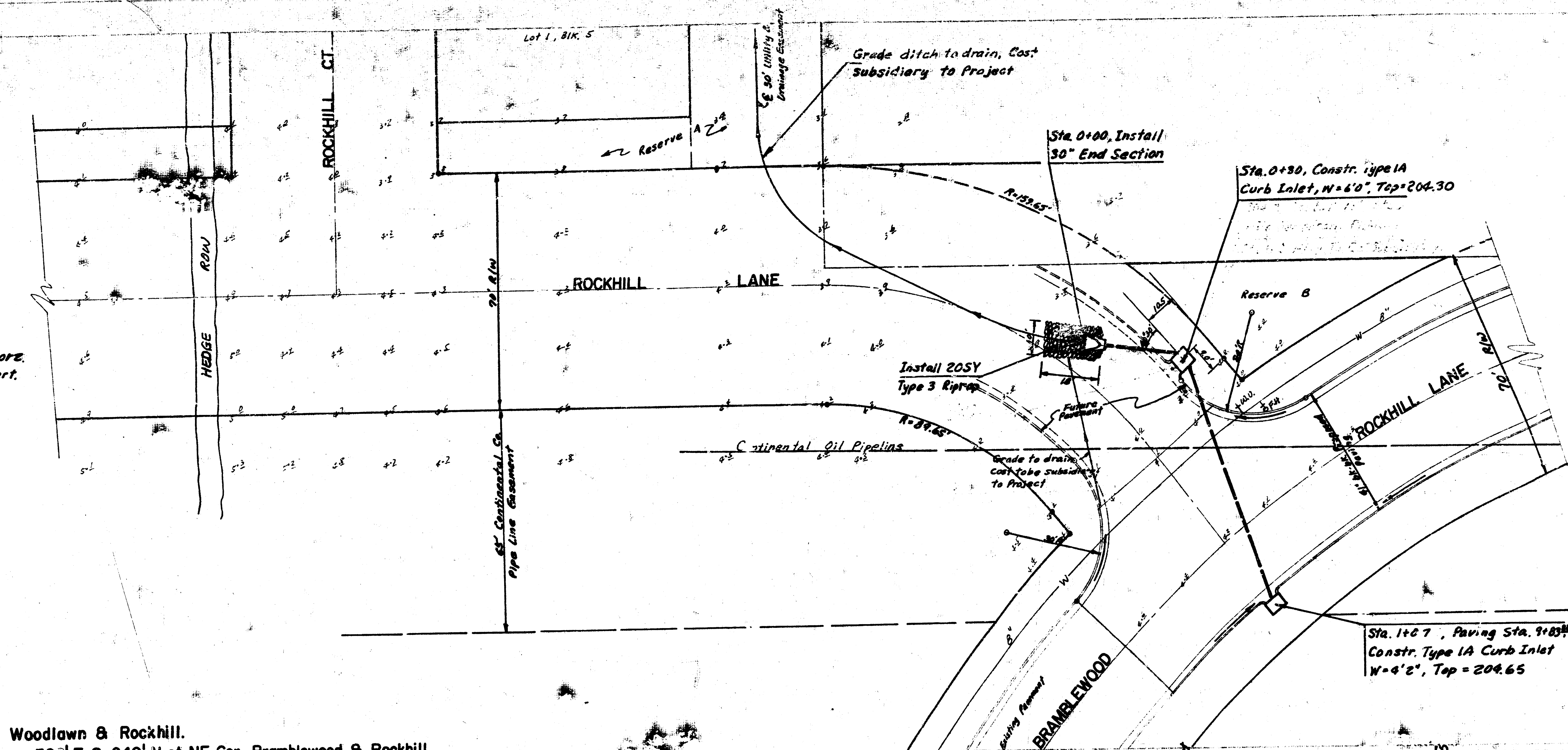
SHEET TOTALS:
 PROPERTY EXCAVATION = 1487.4 CY
 CITY EXCAVATION = 800.0 CY

REVISED 11-05-82

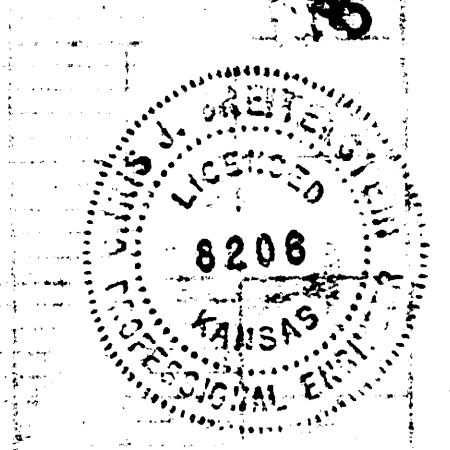
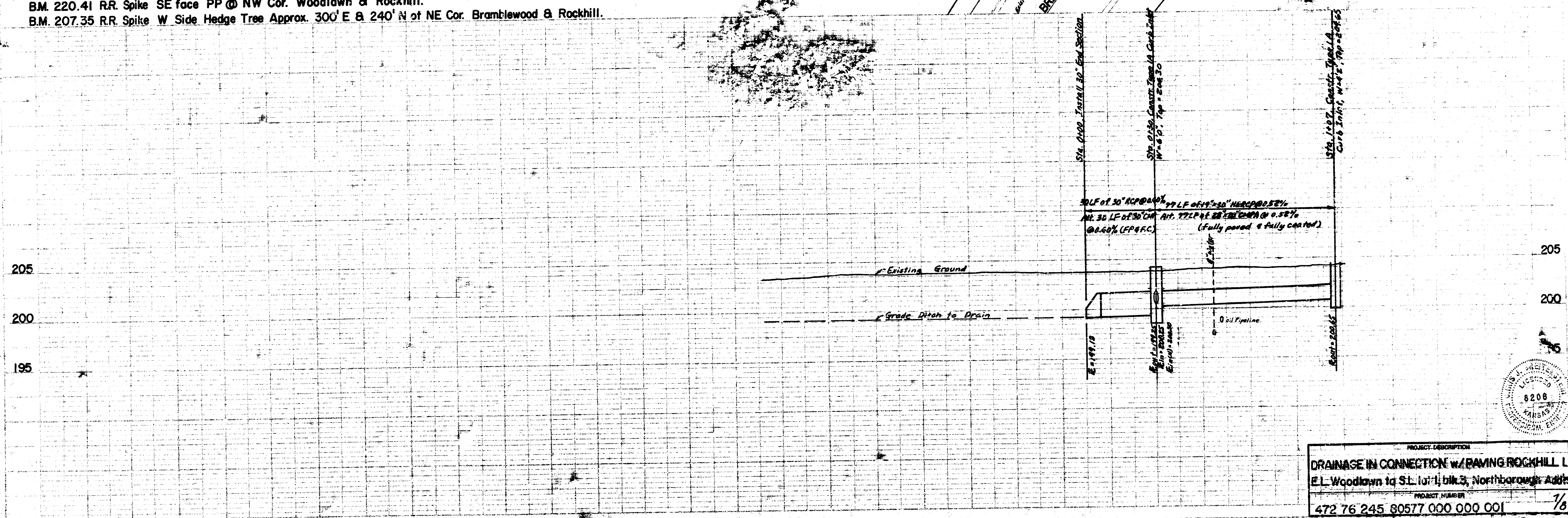
ROCKHILL LN.
 E.L. WOODLAWN TO S. L. LT. 1, BLK. 3
 NORTHBOROUGH ADDN.
 472 76 245 80577 000000001

5/8

Scale: Plan 1"=20'
 Profile 1"=20' Horiz.
 1"=5' Vert.

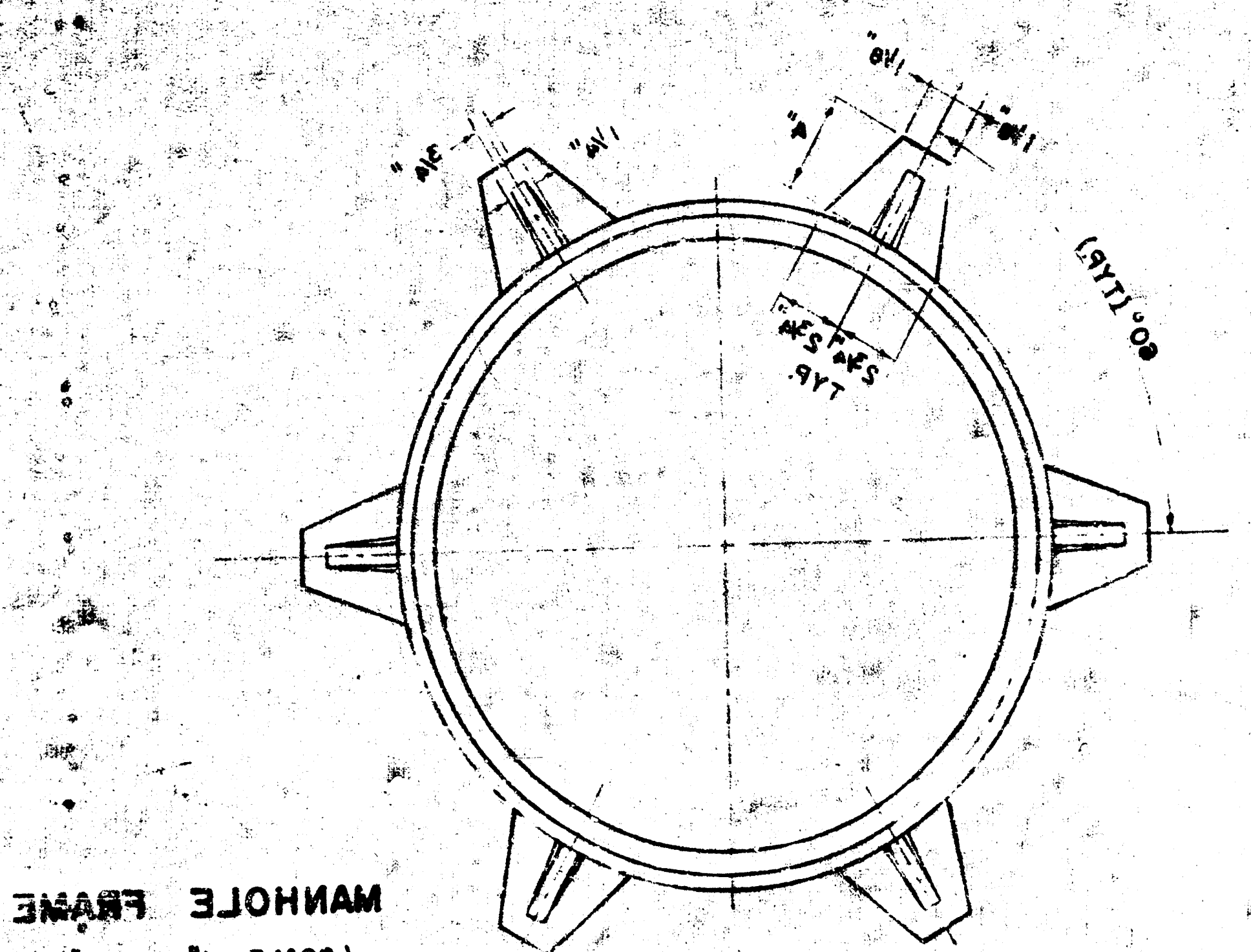
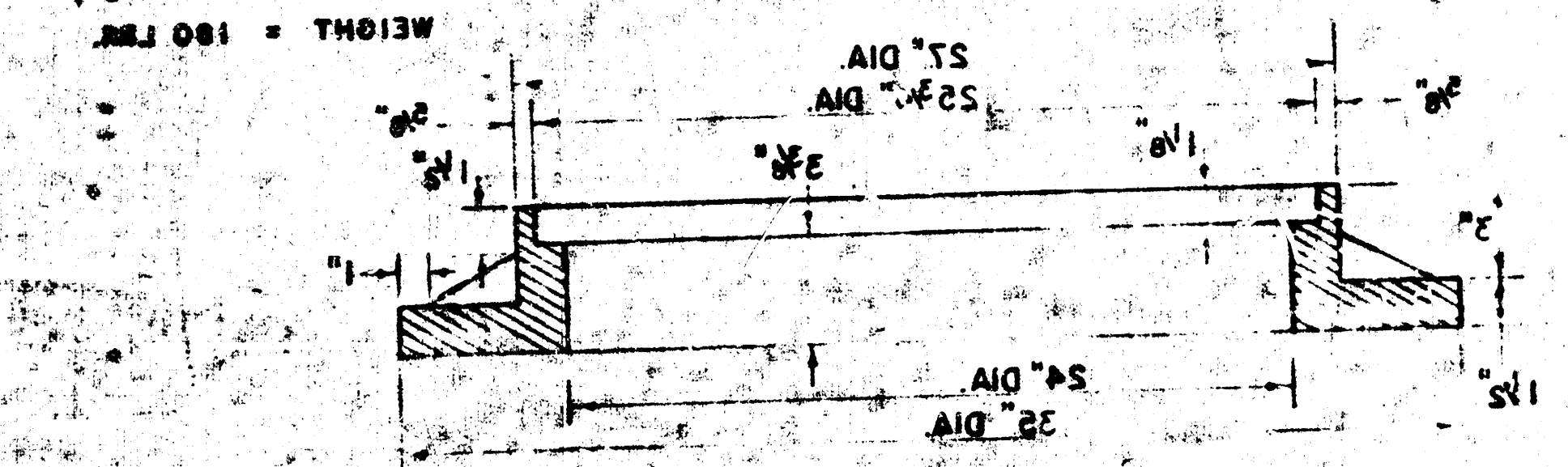
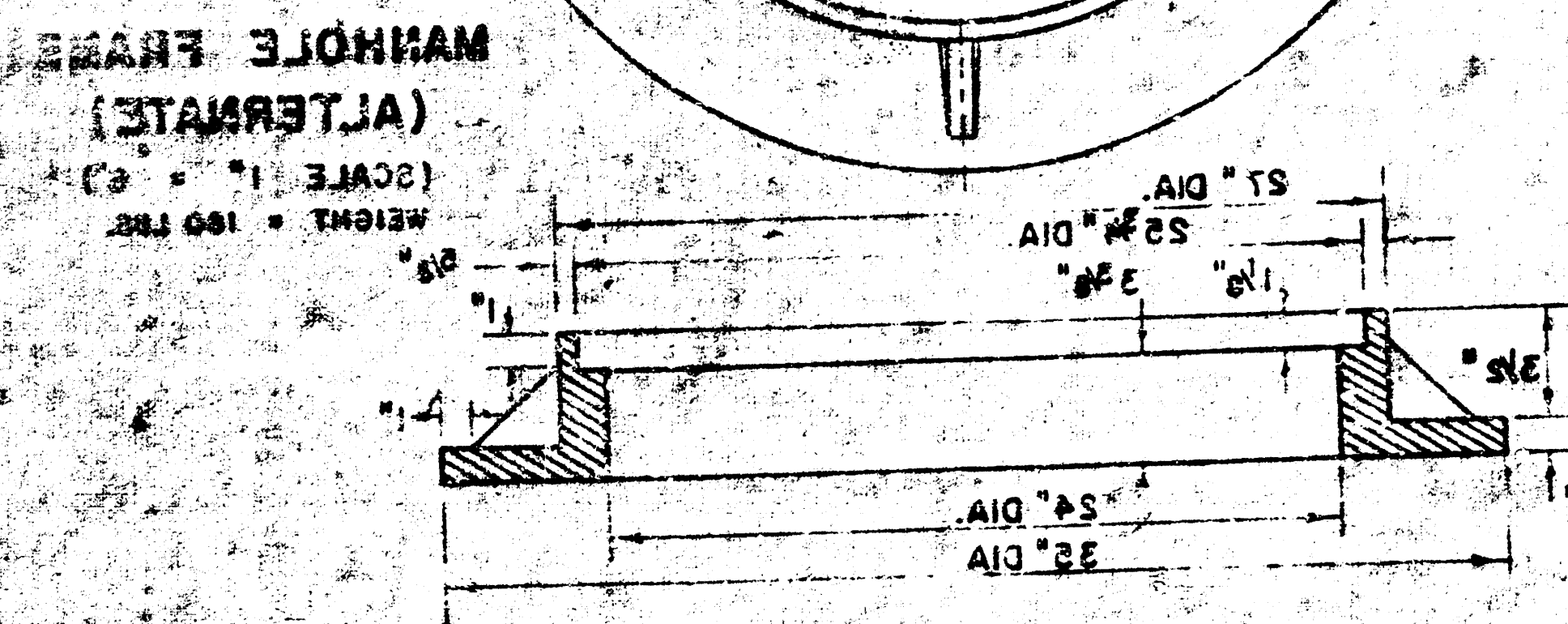


BM. 220.41 R.R. Spike SE face PP @ NW Cor. Woodlawn & Rockhill.
 B.M. 207.35 R.R. Spike W Side Hedge Tree Approx. 300' E & 240' N of NE Cor. Bramblewood & Rockhill.



PROJECT DESCRIPTION
 DRAINAGE IN CONNECTION w/ PAVING ROCKHILL LN.
 E.L. Woodlawn to S.E. 1/4, blk 3, Northborough Add.
 PROJECT NUMBER
 472 76 245 80577 000 000 001
 1/8

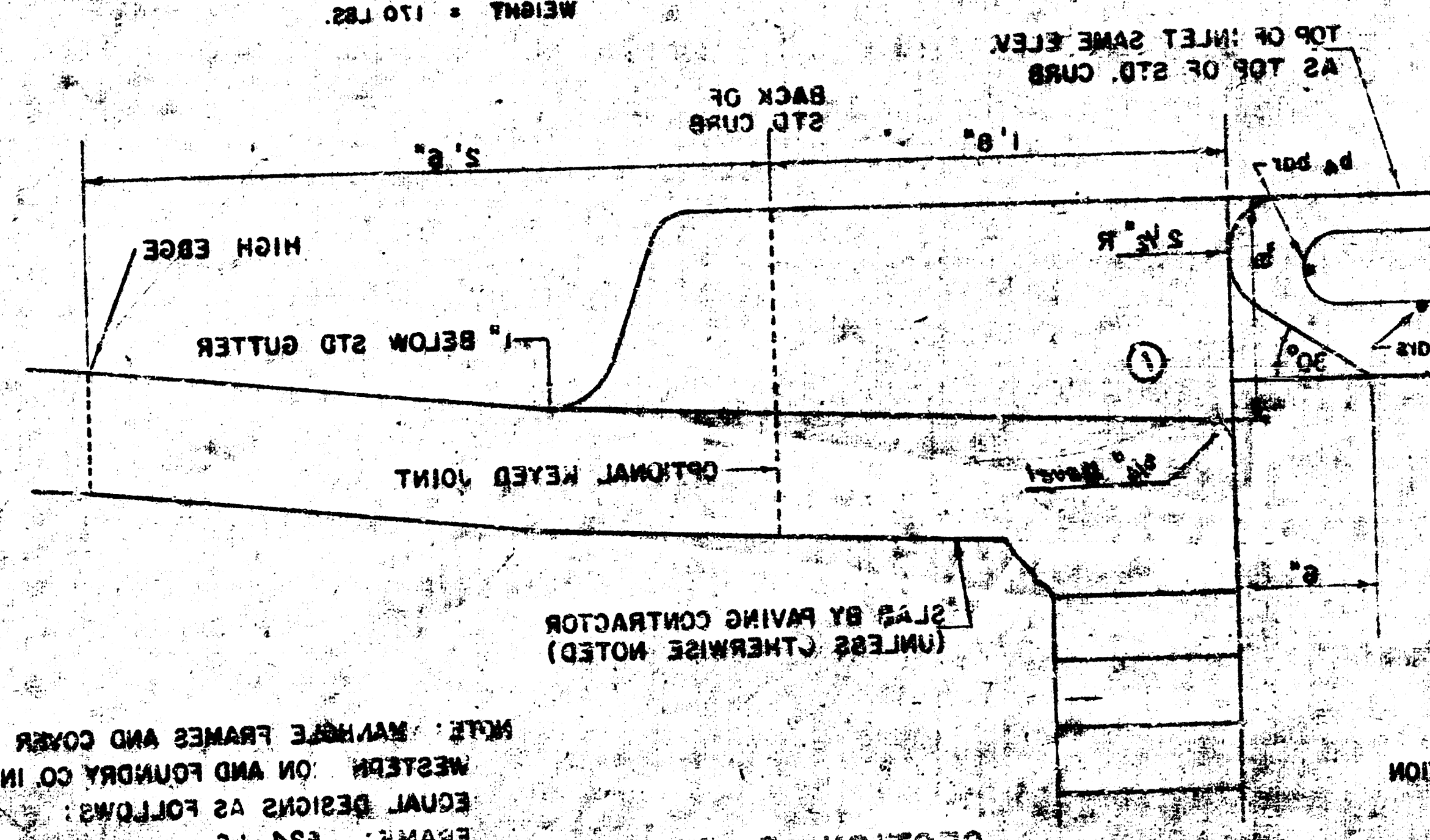
R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING
 CITY ENGINEER
 CITY OF WICHITA, KANSAS
 JUNE, 1981



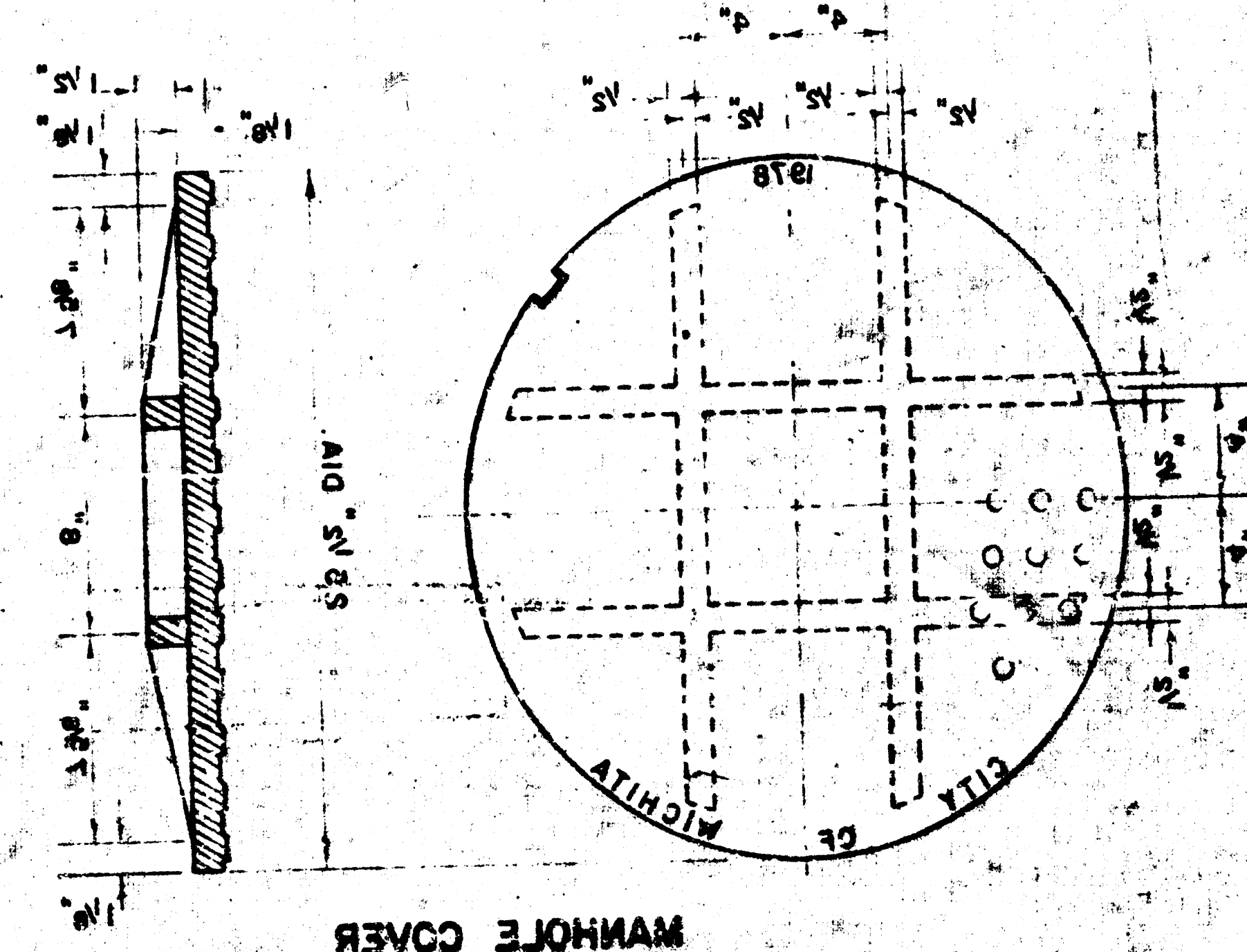
MANHOLE FRAME
 (SCALE 1" = 6")
 WEIGHT = 180 LBS.

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

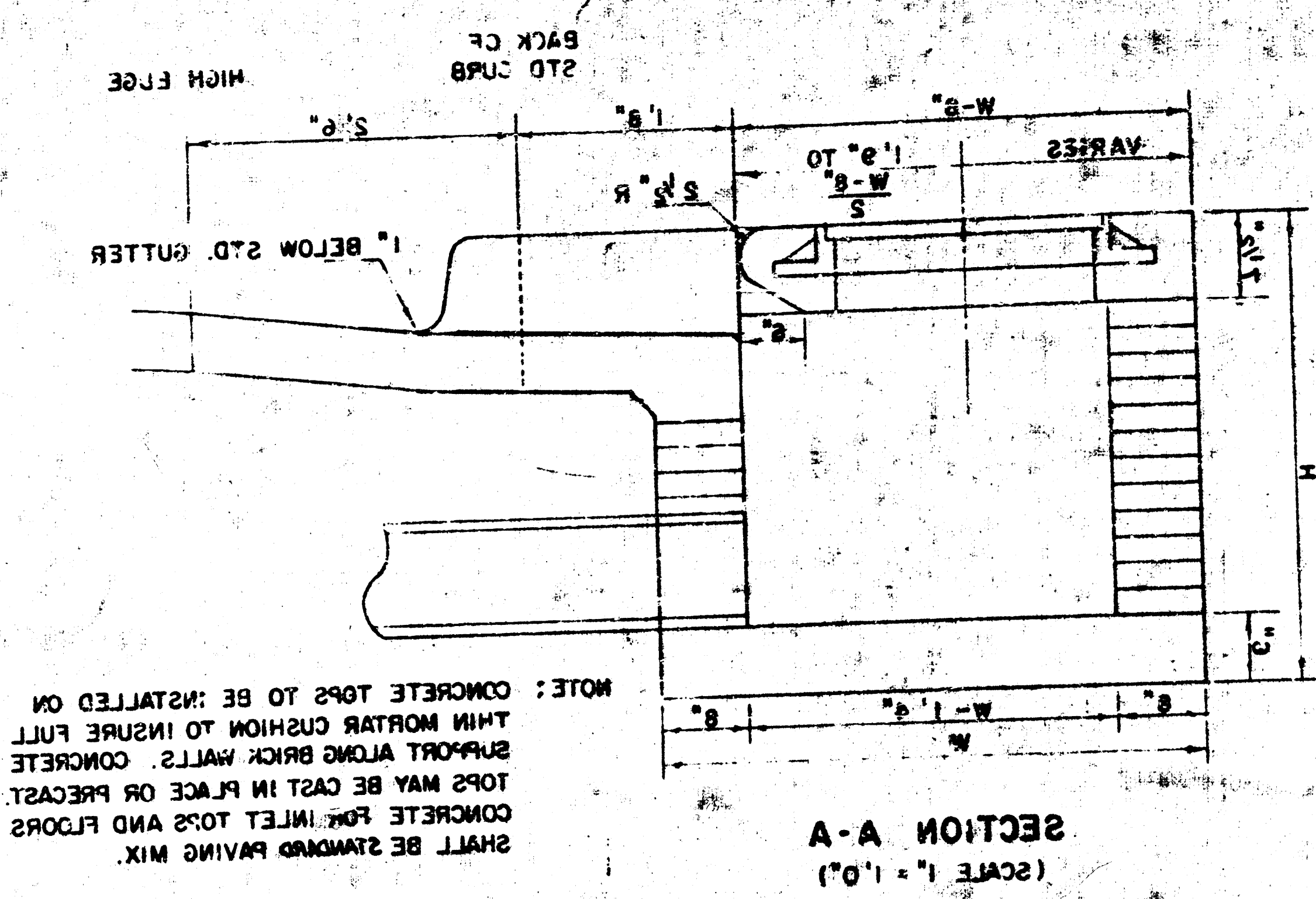
NOTE: MANHOLE FRAMES AND COVERS ARE
 WESTERN ON AND FOUNDRY CO. INC. OR
 EQUAL DESIGNS AS FOLLOWS:
 FRAME: 324-LG
 FRAME (ALTERNATE): 300-4A
 COVER: 322-34
 MODEL



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



MANHOLE COVER
 (SCALE 1" = 6")
 WEIGHT = 170 LBS.

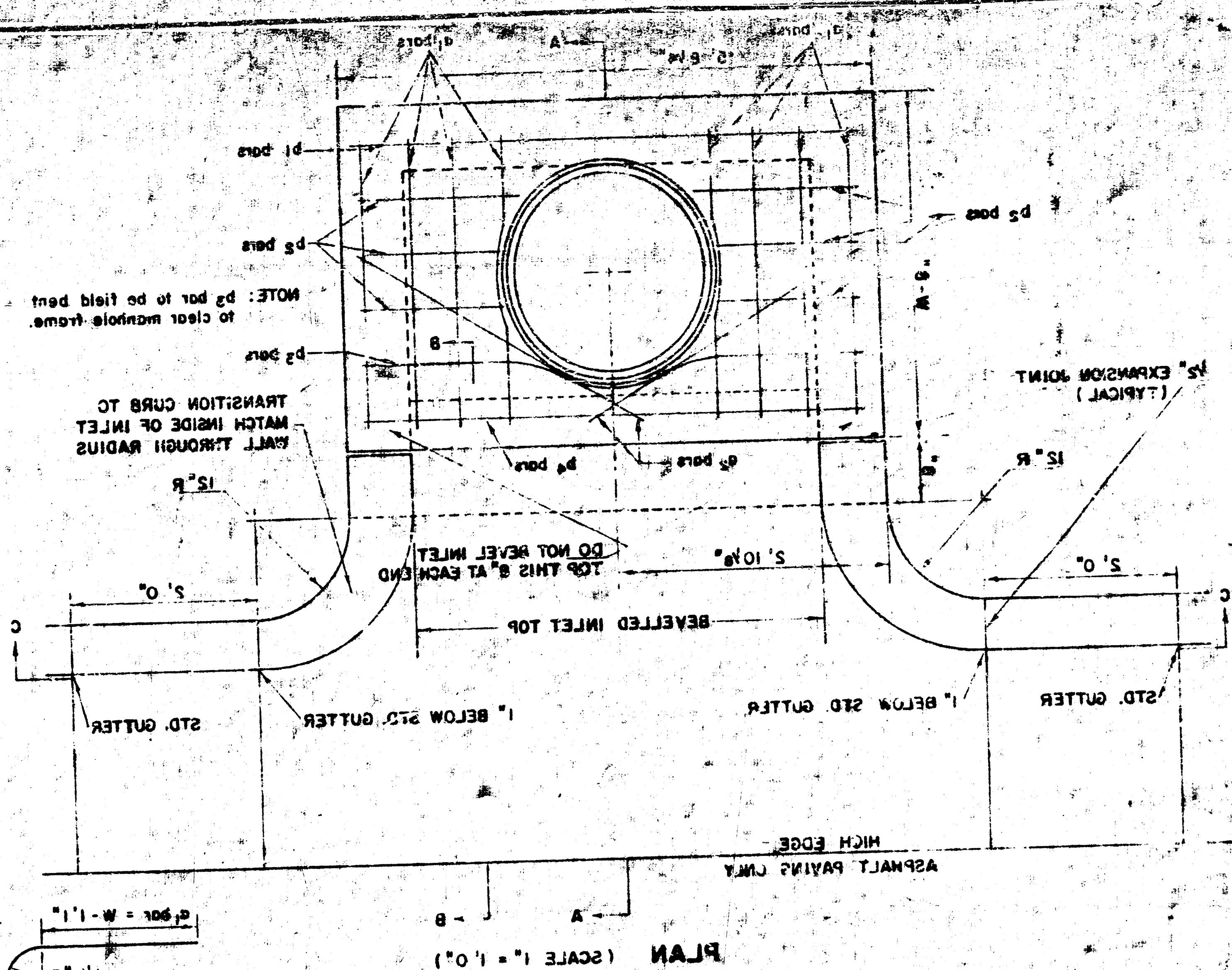


SECTION A-A
 (SCALE 1" = 10")

STANDARD CURB INLET PRECAST TOPS

W	PRECAST TOP SIZE	PIPE SIZE	CURB CONC.
4' 0"	36" x 36" x 1 1/2"	36"	0.48
4' 0"	36" x 36" x 1 1/2"	36"	0.51
4' 0"	36" x 36" x 1 1/2"	36"	0.54
4' 0"	36" x 36" x 1 1/2"	36"	0.57
4' 0"	36" x 36" x 1 1/2"	36"	0.60
4' 0"	36" x 36" x 1 1/2"	36"	0.63

BENDING DIAGRAM

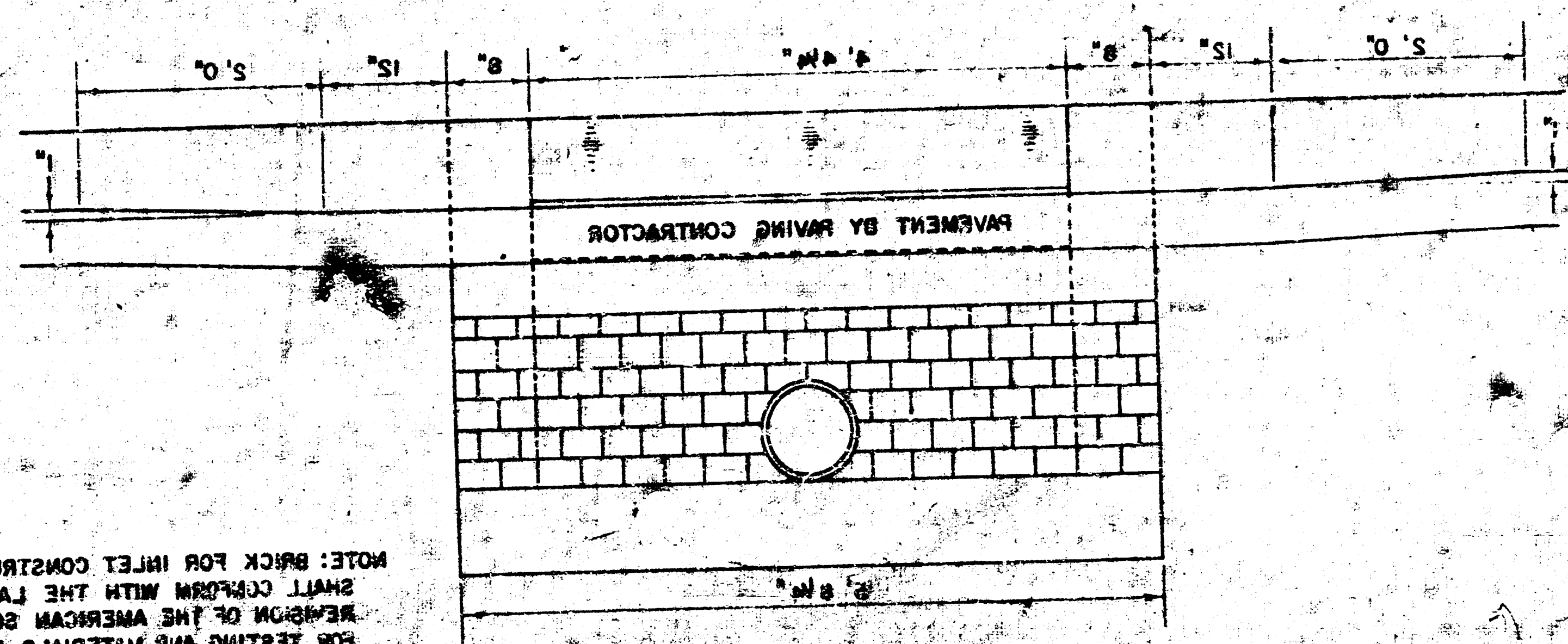


PLAN
 (SCALE 1" = 10")

STEEL SCHEDULE

BAR	NUMBER	SIZE	WT.
1	1	1/2"	1.10
2	2	1/2"	1.10
3	2	1/2"	1.10
4	2	1/2"	1.10
5	2	1/2"	1.10
6	2	1/2"	1.10
7	2	1/2"	1.10
8	2	1/2"	1.10
9	2	1/2"	1.10
10	2	1/2"	1.10
11	2	1/2"	1.10
12	2	1/2"	1.10
13	2	1/2"	1.10
14	2	1/2"	1.10
15	2	1/2"	1.10
16	2	1/2"	1.10
17	2	1/2"	1.10
18	2	1/2"	1.10
19	2	1/2"	1.10
20	2	1/2"	1.10
21	2	1/2"	1.10
22	2	1/2"	1.10
23	2	1/2"	1.10
24	2	1/2"	1.10
25	2	1/2"	1.10
26	2	1/2"	1.10
27	2	1/2"	1.10
28	2	1/2"	1.10
29	2	1/2"	1.10
30	2	1/2"	1.10
31	2	1/2"	1.10
32	2	1/2"	1.10
33	2	1/2"	1.10
34	2	1/2"	1.10
35	2	1/2"	1.10
36	2	1/2"	1.10
37	2	1/2"	1.10
38	2	1/2"	1.10
39	2	1/2"	1.10
40	2	1/2"	1.10
41	2	1/2"	1.10
42	2	1/2"	1.10
43	2	1/2"	1.10
44	2	1/2"	1.10
45	2	1/2"	1.10
46	2	1/2"	1.10
47	2	1/2"	1.10
48	2	1/2"	1.10
49	2	1/2"	1.10
50	2	1/2"	1.10
51	2	1/2"	1.10
52	2	1/2"	1.10
53	2	1/2"	1.10
54	2	1/2"	1.10
55	2	1/2"	1.10
56	2	1/2"	1.10
57	2	1/2"	1.10
58	2	1/2"	1.10
59	2	1/2"	1.10
60	2	1/2"	1.10
61	2	1/2"	1.10
62	2	1/2"	1.10
63	2	1/2"	1.10
64	2	1/2"	1.10
65	2	1/2"	1.10
66	2	1/2"	1.10
67	2	1/2"	1.10
68	2	1/2"	1.10
69	2	1/2"	1.10
70	2	1/2"	1.10
71	2	1/2"	1.10
72	2	1/2"	1.10
73	2	1/2"	1.10
74	2	1/2"	1.10
75	2	1/2"	1.10
76	2	1/2"	1.10
77	2	1/2"	1.10
78	2	1/2"	1.10
79	2	1/2"	1.10
80	2	1/2"	1.10
81	2	1/2"	1.10
82	2	1/2"	1.10
83	2	1/2"	1.10
84	2	1/2"	1.10
85	2	1/2"	1.10
86	2	1/2"	1.10
87	2	1/2"	1.10
88	2	1/2"	1.10
89	2	1/2"	1.10
90	2	1/2"	1.10
91	2	1/2"	1.10
92	2	1/2"	1.10
93	2	1/2"	1.10
94	2	1/2"	1.10
95	2	1/2"	1.10
96	2	1/2"	1.10
97	2	1/2"	1.10
98	2	1/2"	1.10
99	2	1/2"	1.10
100	2	1/2"	1.10

NOTE: 1" BARS TO BE PLACED APPROX. 5" BELOW TOP OF INLET COVER



SECTION C-C
 (SCALE 1" = 10")

NOTE: BRICK FOR INLET CONSTRUCTION
 SHALL CONFORM WITH THE LATEST
 REGION OF THE AMERICAN SOCIETY
 FOR TESTING AND MATERIALS DESIGNATION
 C-22 FOR MANHOLE BRICK GRADE MS