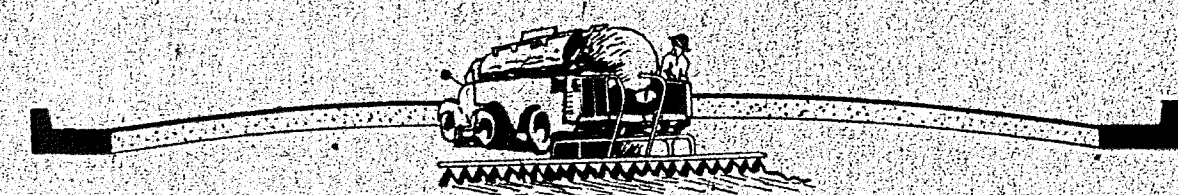


CITY OF
ALBUQUERQUE - NEW MEXICO
PAVING DISTRICT NO. 124



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	124	0161																	20										

GORDON HERKENHOFF AND ASSOCIATES CONSULTING ENGINEERS

SET NO. 10

35

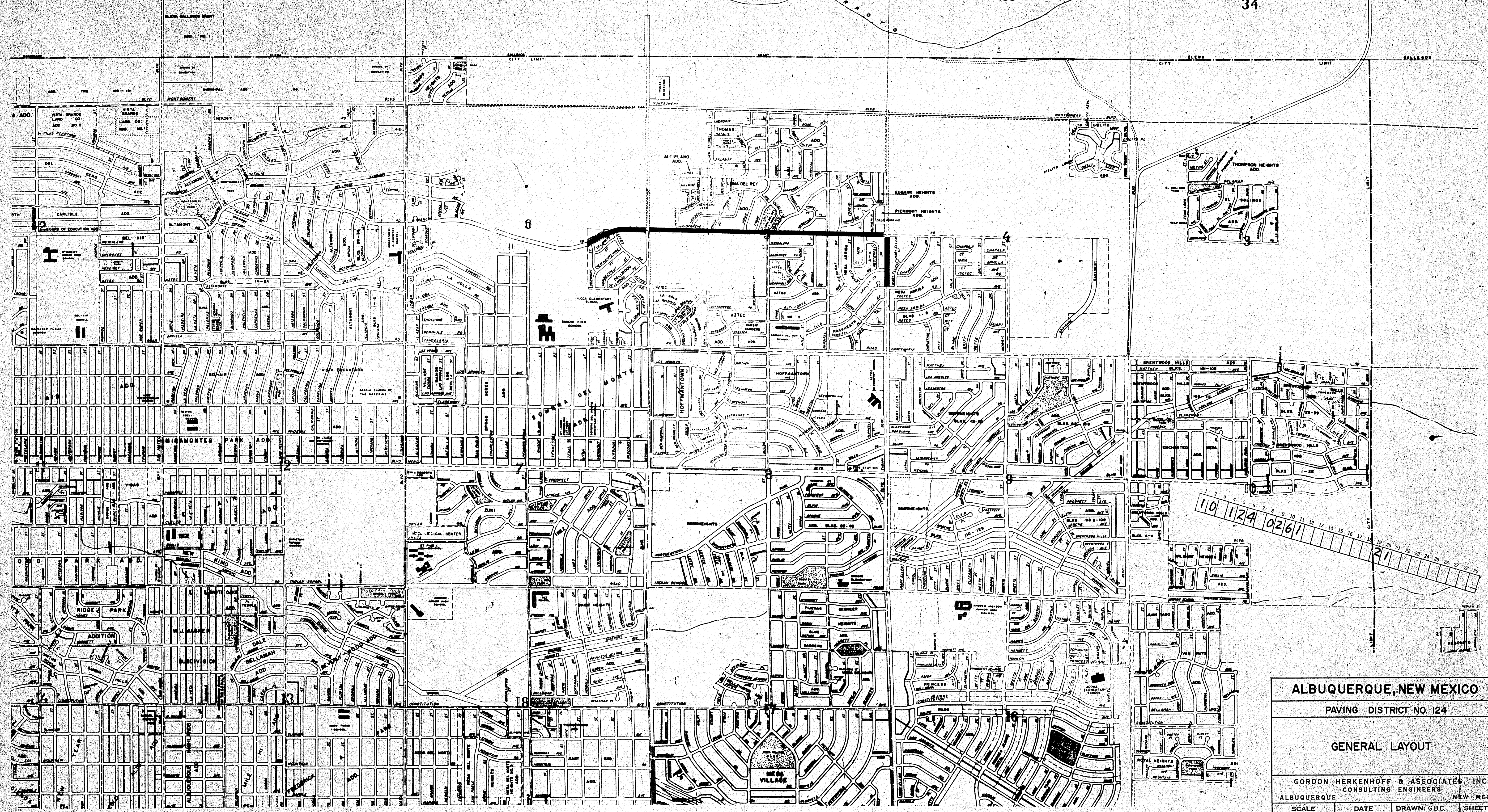
36

31

32

33

34



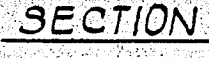
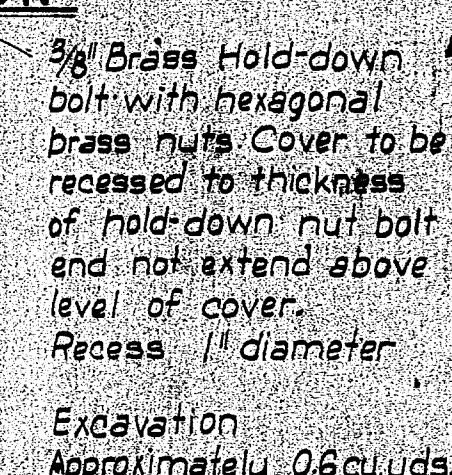
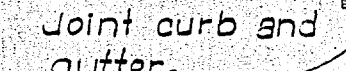
ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT NO. 124

GENERAL LAYOUT

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE, NEW MEXICO

SCALE 1" = 1000'	DATE JULY 1960	DRAWN: G.B.C. CHECKED:	SHEET 2 OF 9
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GENERAL NOTES

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. 1/2" preformed expansion joints to be located at intervals not to exceed 50' feet, at the P.C. and P.T. of curb returns and each side of drive pads.

DRIVE PADS to be constructed of 3000 psi concrete. 6" Depth drive pads longer than 18 feet to have at 1/2" preformed expansion joint at the midpoint. Drive pads more than 36 feet long to have a 1/2" expansion joints with not more than 18 feet between joints.

SIDEWALKS to be constructed of 3000 psi concrete 4" thick with a transverse slope of 1/4" per foot. 1/2" preformed expansion joints to be located between the sidewalk and the back of the curb, where sidewalks abut existing walks, buildings drive pads and immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42" when placed adjacent to the curb and gutter and 48" wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of curb to the edge of building or property line. No sidewalk to be constructed until curb and gutter is in place.

COLOR CODE

Blue_____Water
Green____Gas
Red_____Sanitary sewer
Yellow___Storm sewer

Approximate quantities for junction box
No. 16 Galvanized $\frac{3}{4}$ mesh = 2.0 Lb.
Concrete = 0.82 Cu.Ft.
No. 8 M.C. steel wire = 1.05 Lb.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10			124					0361											10									

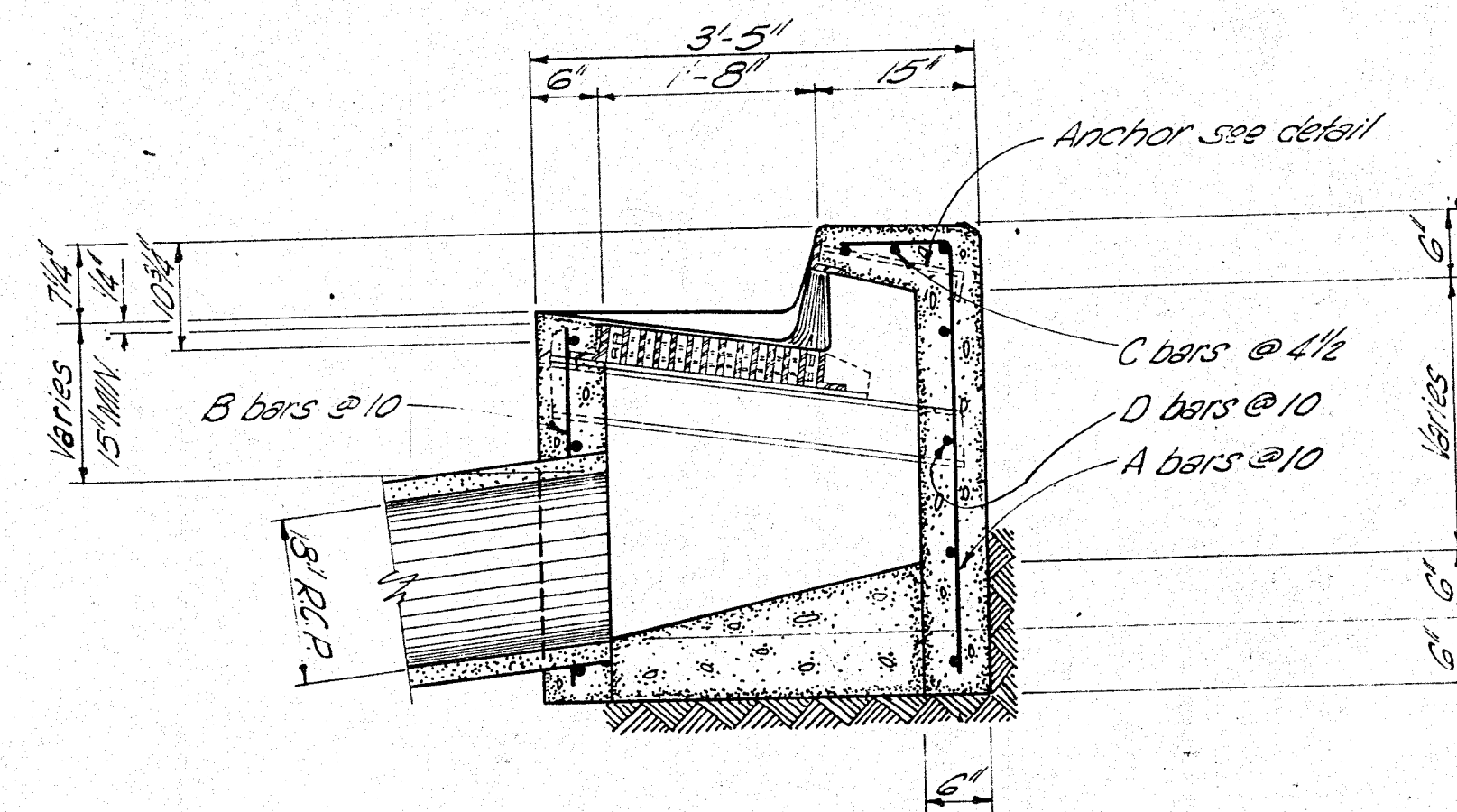
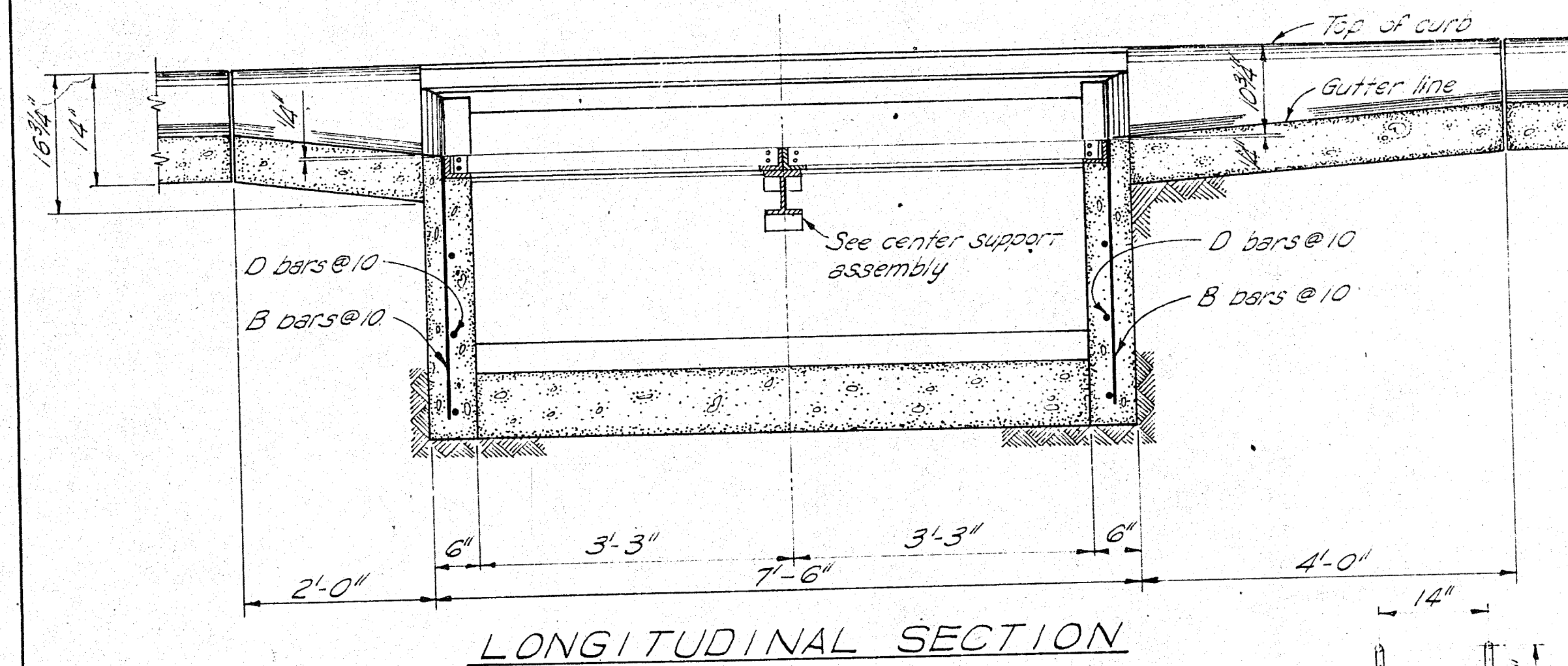
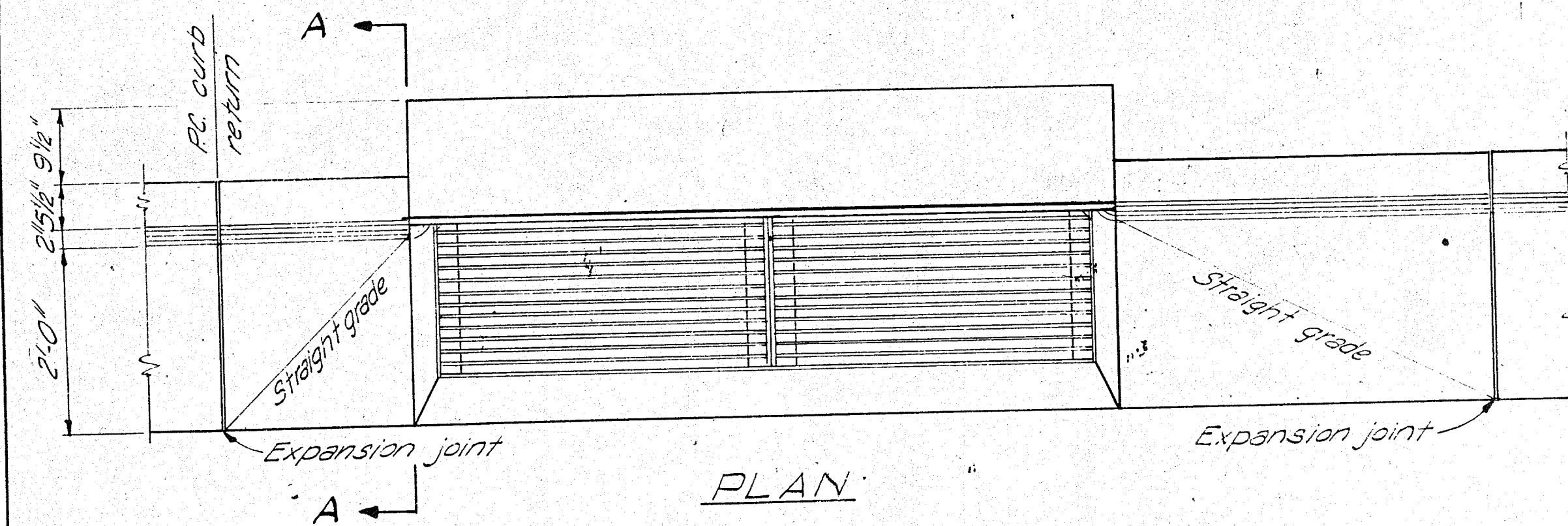
ALBUQUERQUE, NEW MEXICO

RESIDENTIAL STANDARD

STREET PAVING

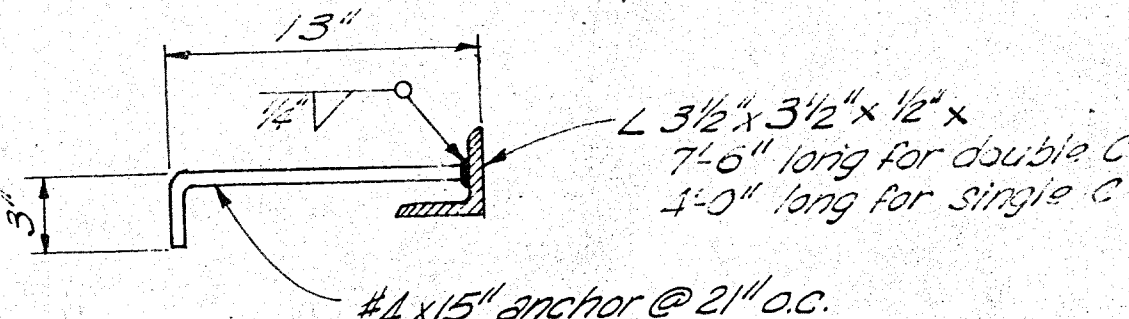
GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS

ALBUQUERQUE		NEW MEXICO	
SCALE AS SHOWN	DATE JULY 1960	DRAWN: R.A.G. CHECKED: G.A.J.	SHEET 3 OF 9

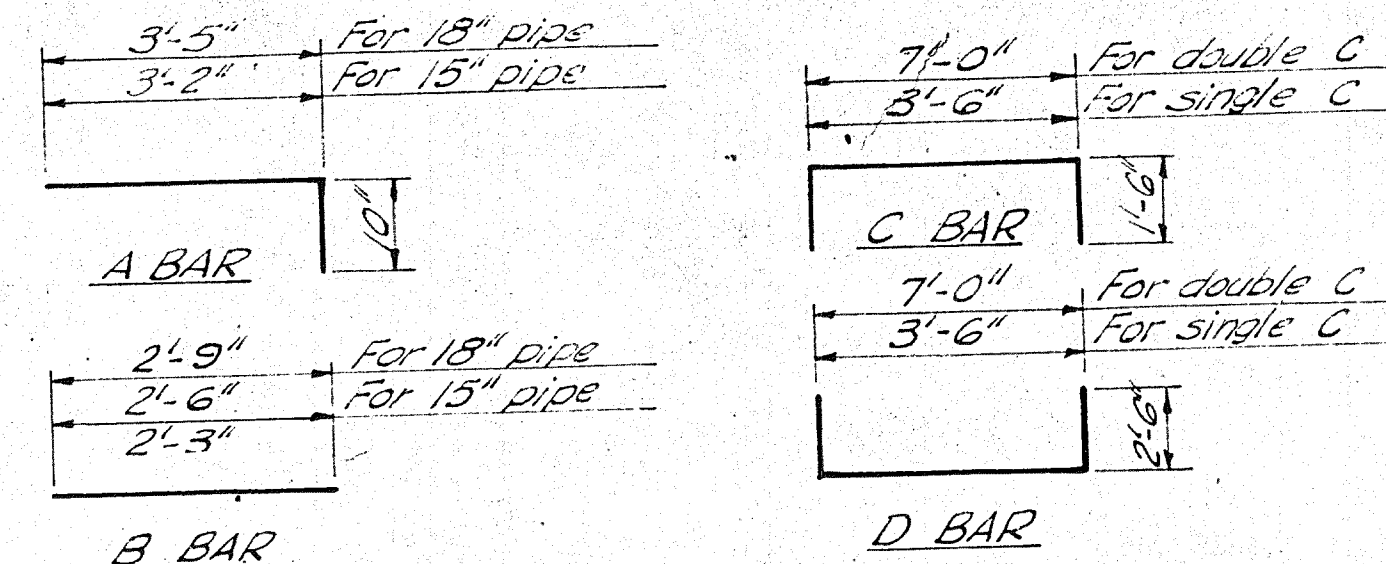


TRANSVERSE SECTION
DOUBLE C INLET

Scale: 3/4" = 1'-0"

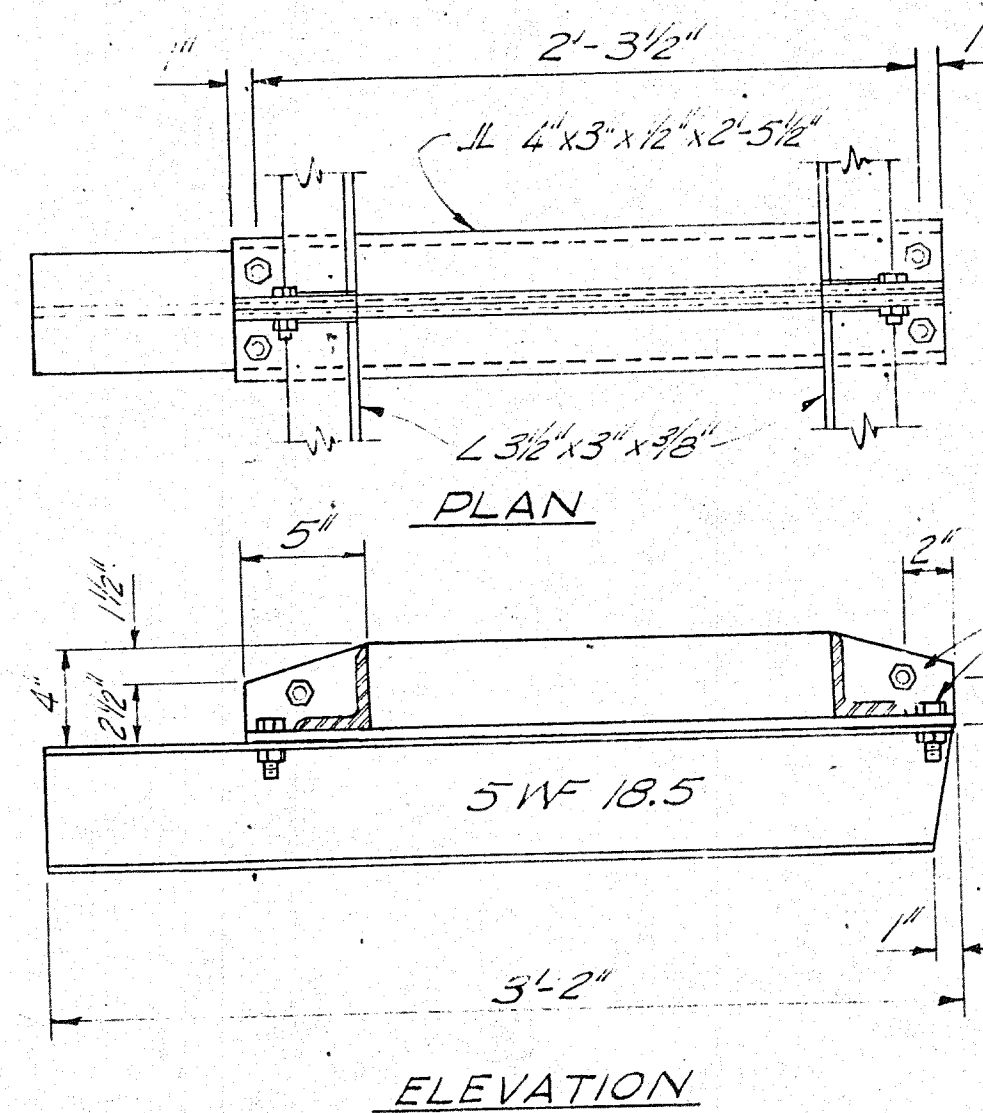


Not to scale



Note: All bars to be #4

BAR BENDING DETAILS

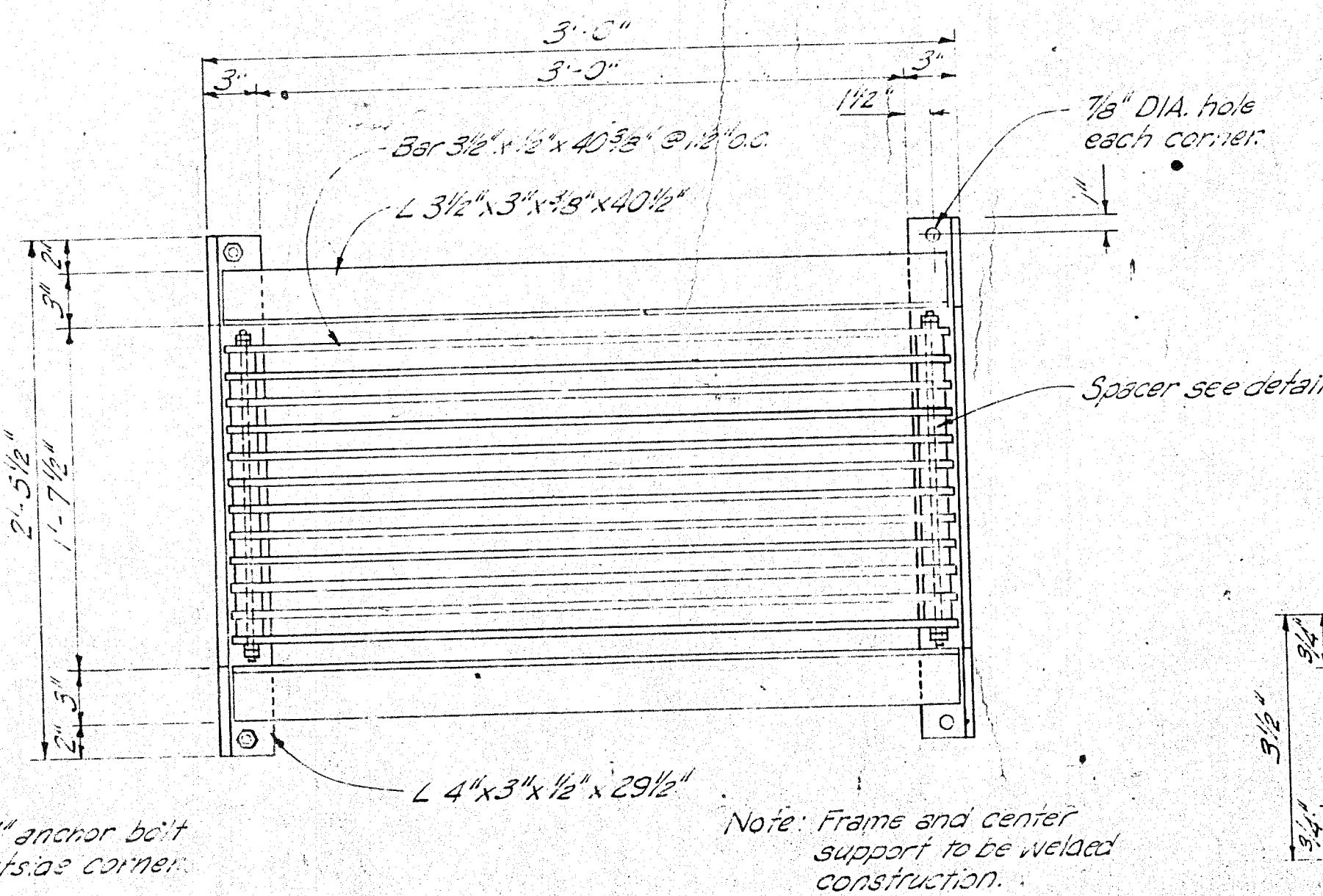
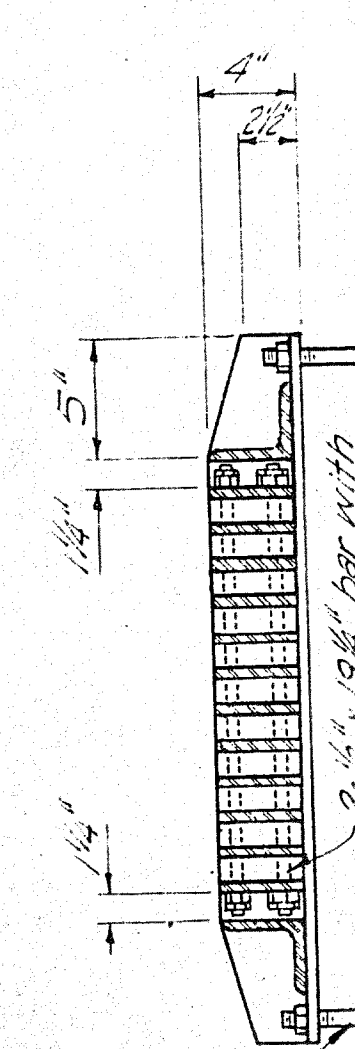


CENTER SUPPORT ASSEMBLY

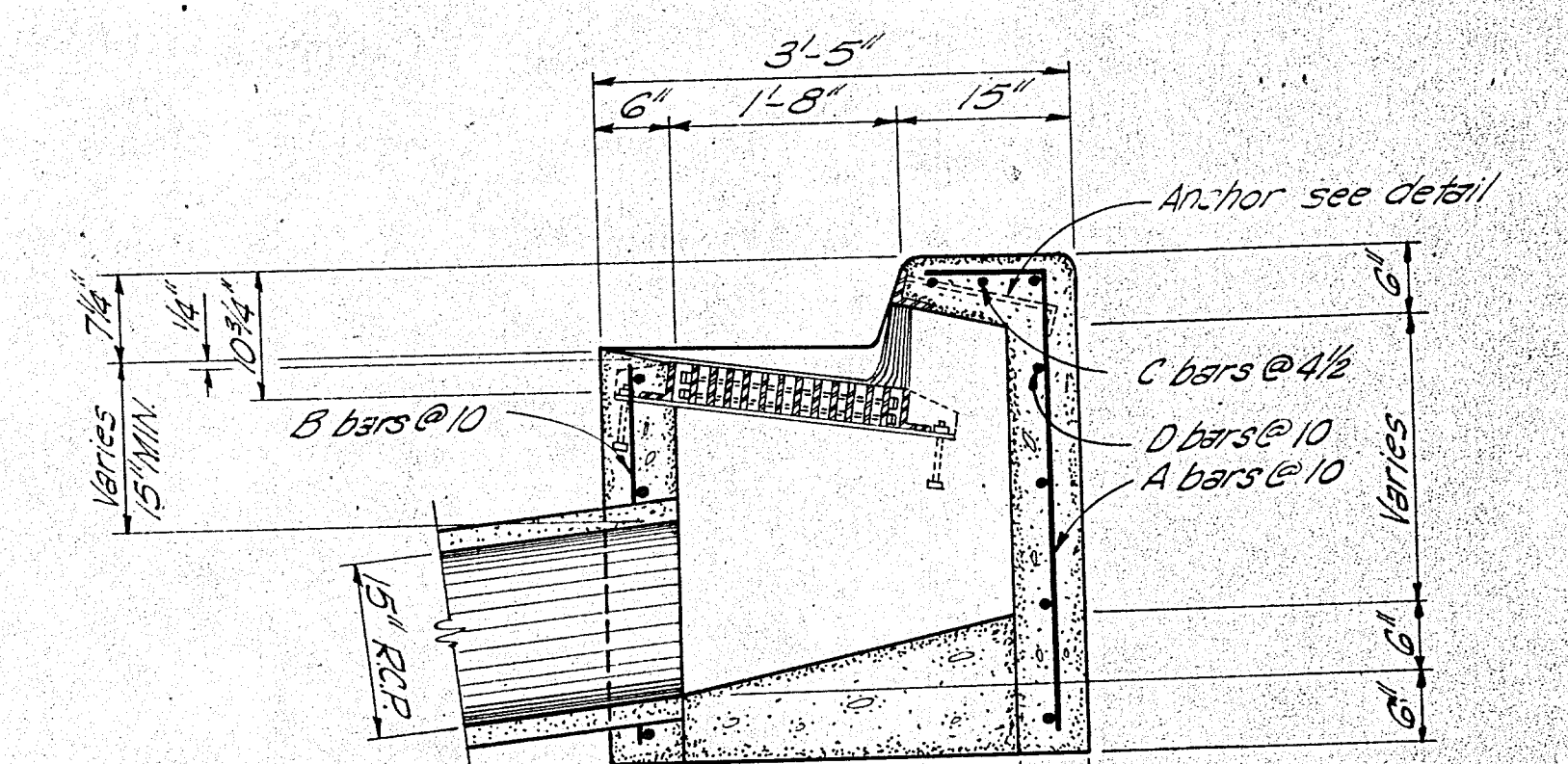
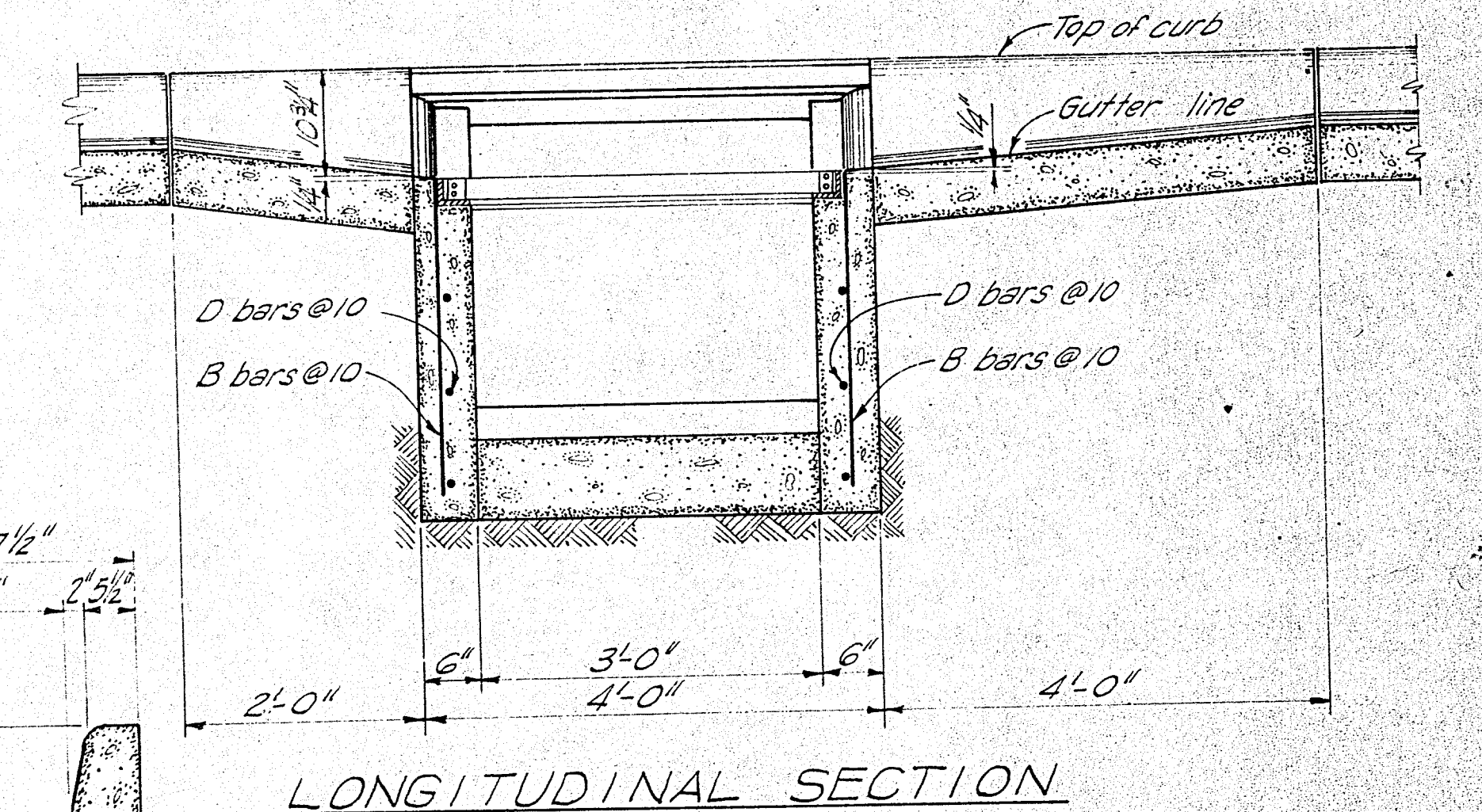
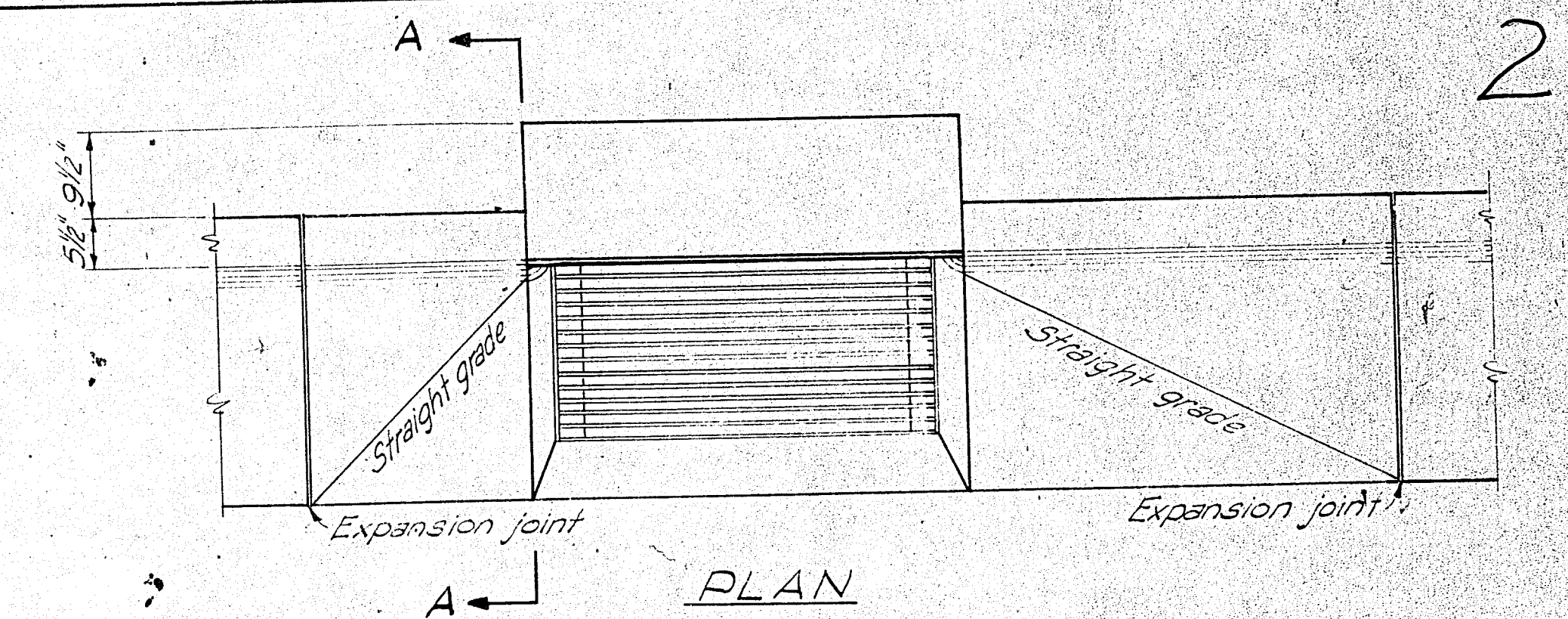
Scale: 1/2" = 1'-0"

STEP DETAIL

Scale: 3/4" = 1'-0"

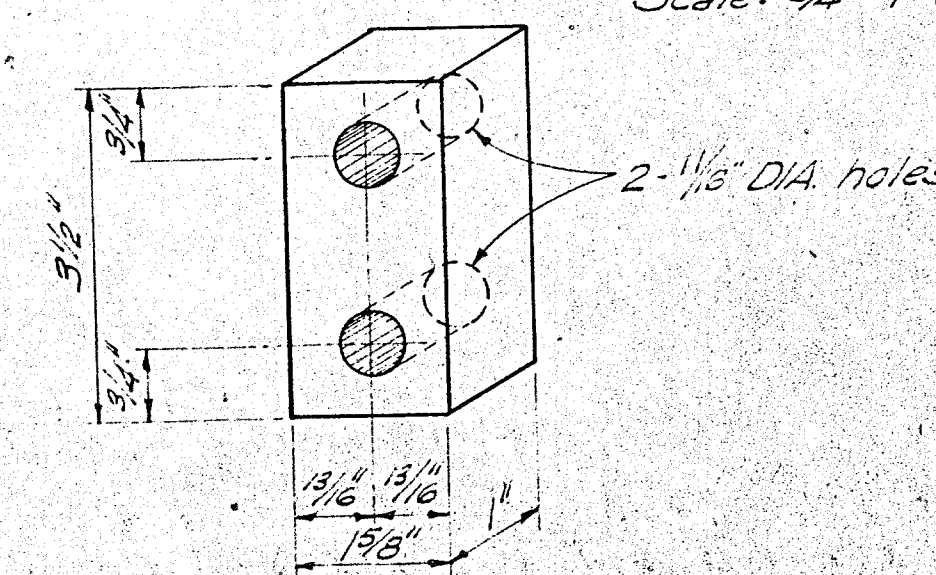


Scale: 1/2" = 1'-0"



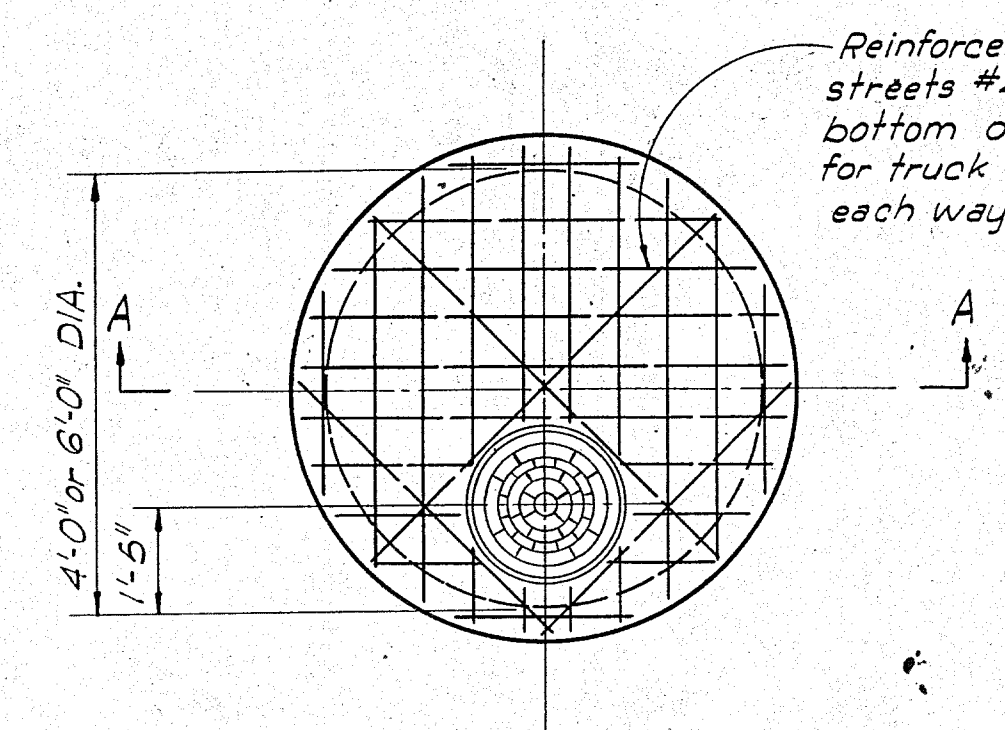
TRANSVERSE SECTION
SINGLE C INLET

Scale: 3/4" = 1'-0"

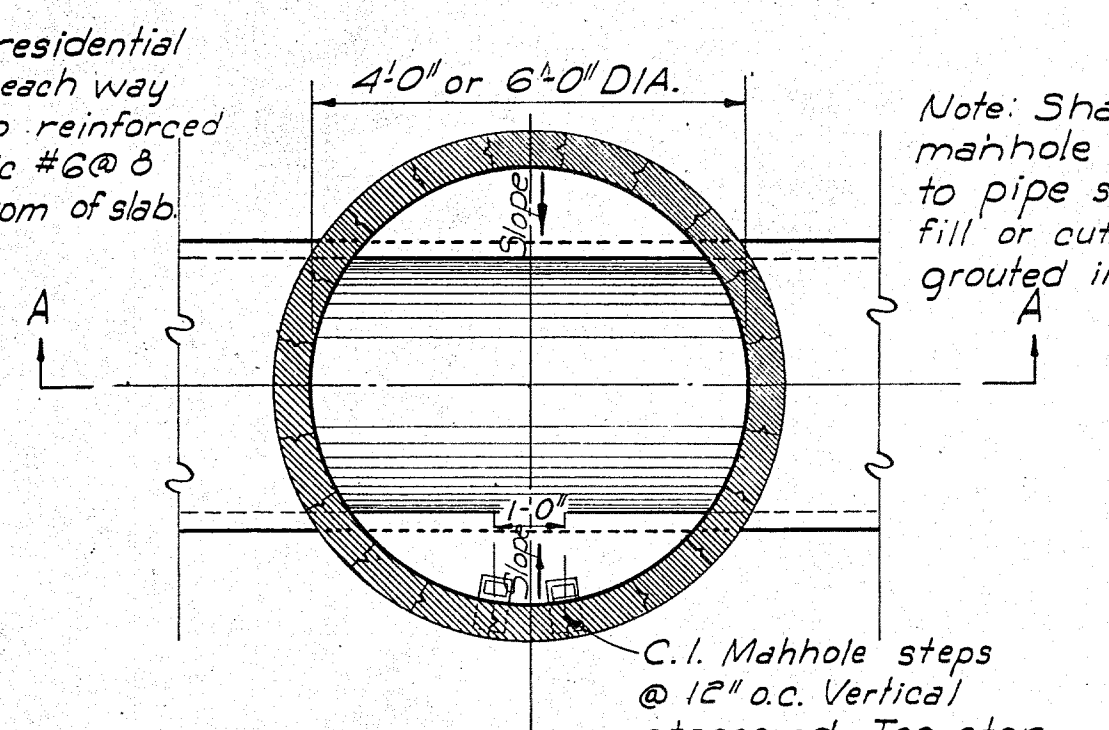


Not to scale

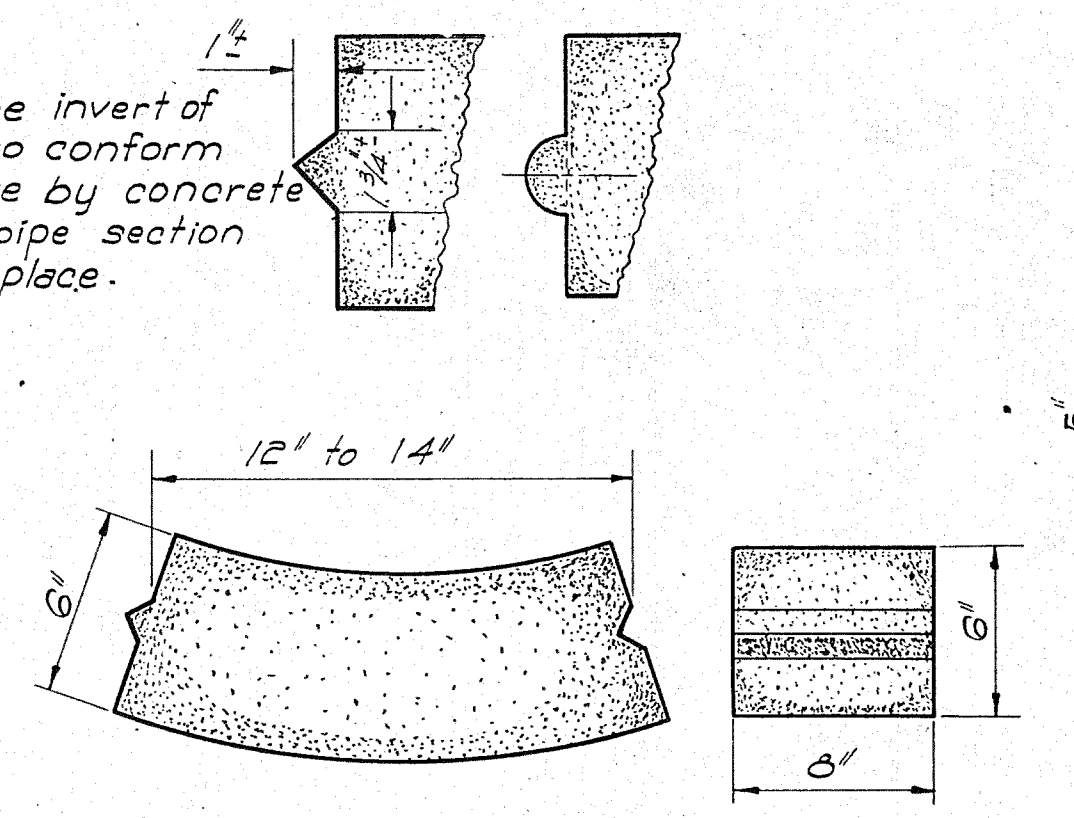
ALBUQUERQUE, NEW MEXICO			
STORM SEWER STANDARDS			
DROP INLET DETAILS			
DOUBLE C AND SINGLE C			
GORDON HERKENHOFF & ASSOCIATES, INC.			
ALBUQUERQUE, NEW MEXICO			
SCALE	DATE	DRAWN	SHEET
AS SHOWN	OCTOBER 1958	G.A.F.	4
		CHECKED	OF 9



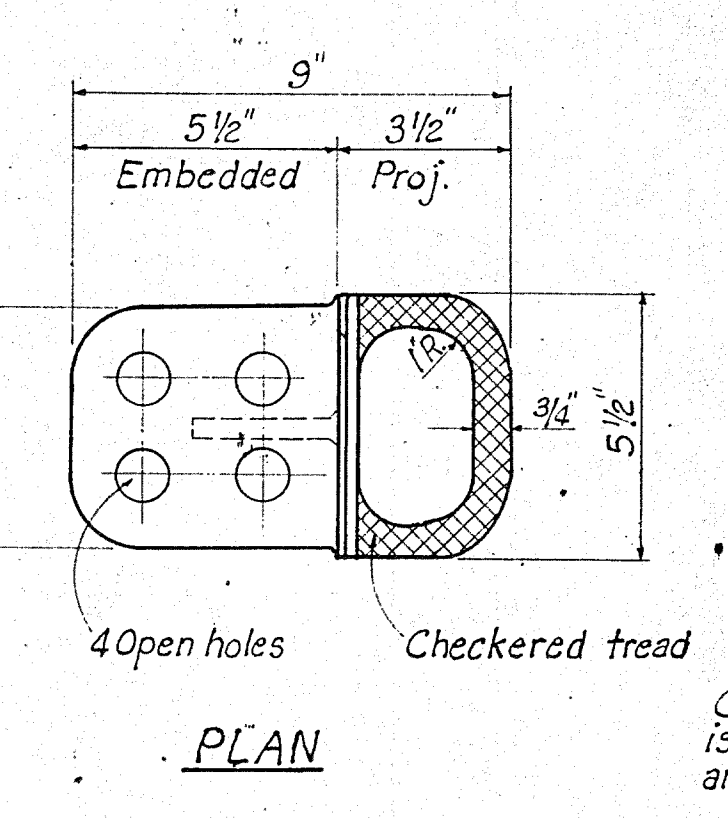
TOP PLAN OF TYPE A
SCALE: 3/8" = 1'-0"



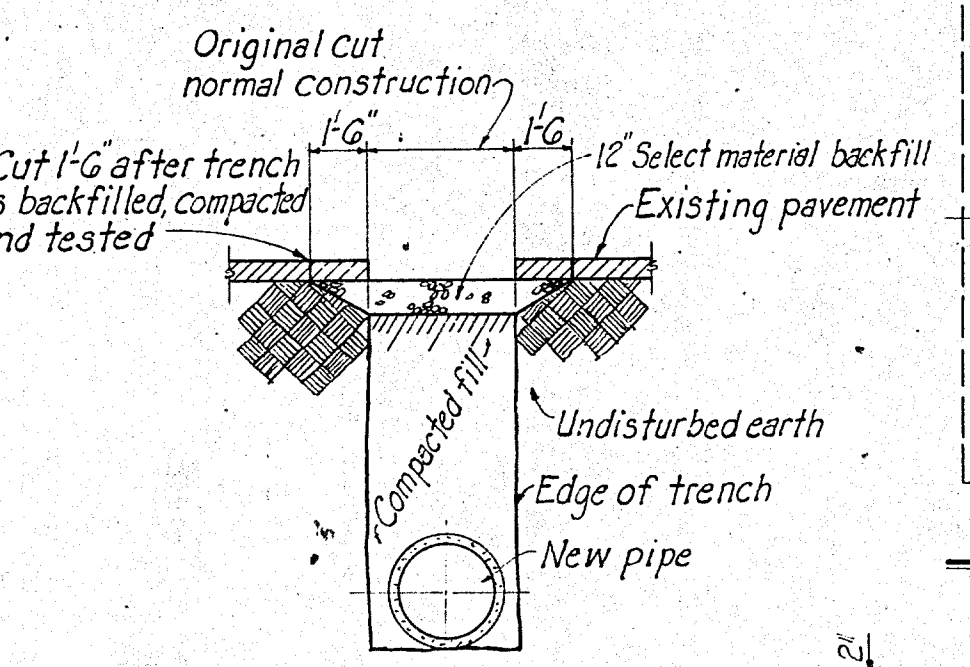
SECTION PLAN OF TYPE A AND TYPE B
SCALE: 3/8" = 1'-0"



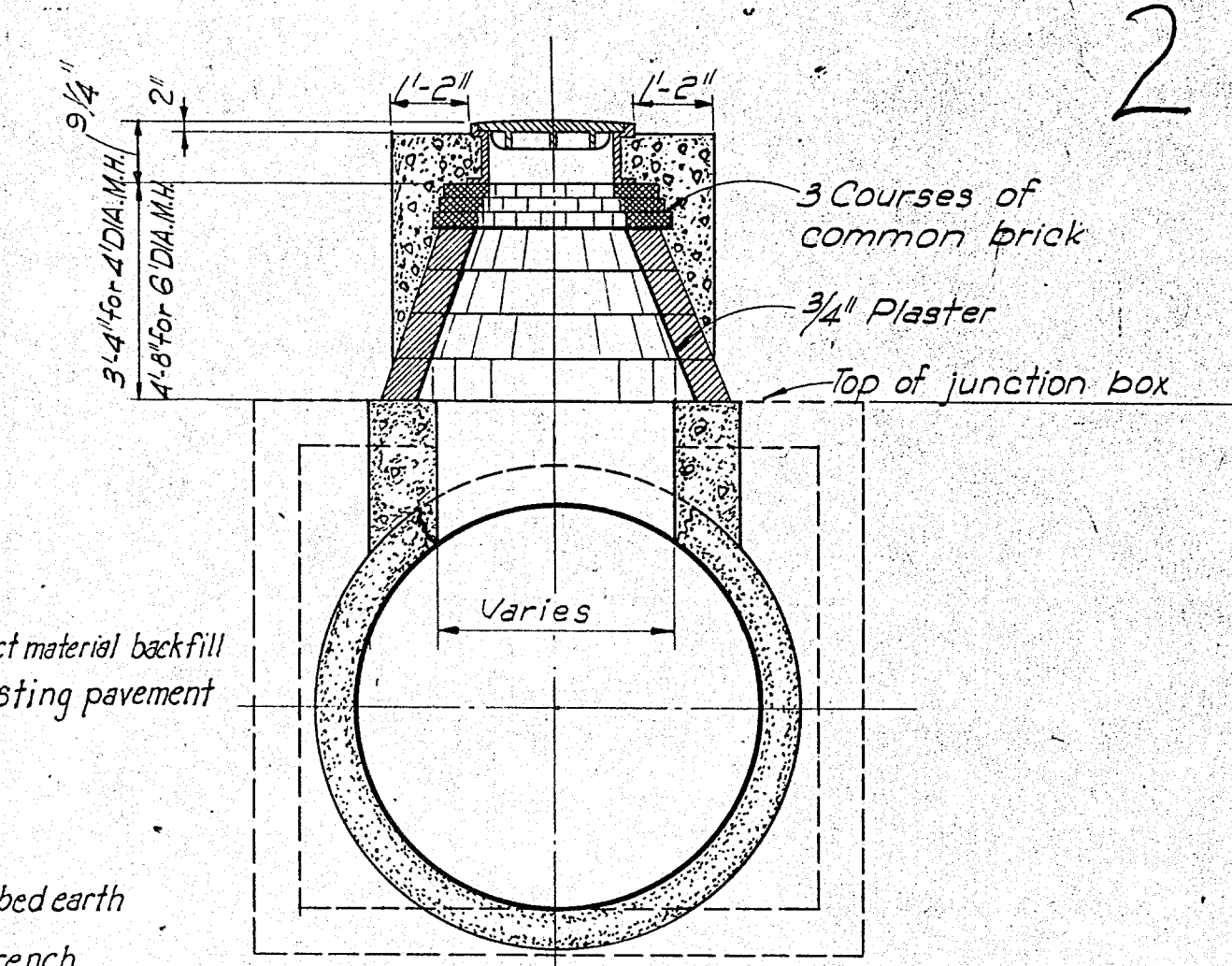
TYPICAL DETAIL OF CONCRETE BLOCK
SCALE: 1/8" = 1"



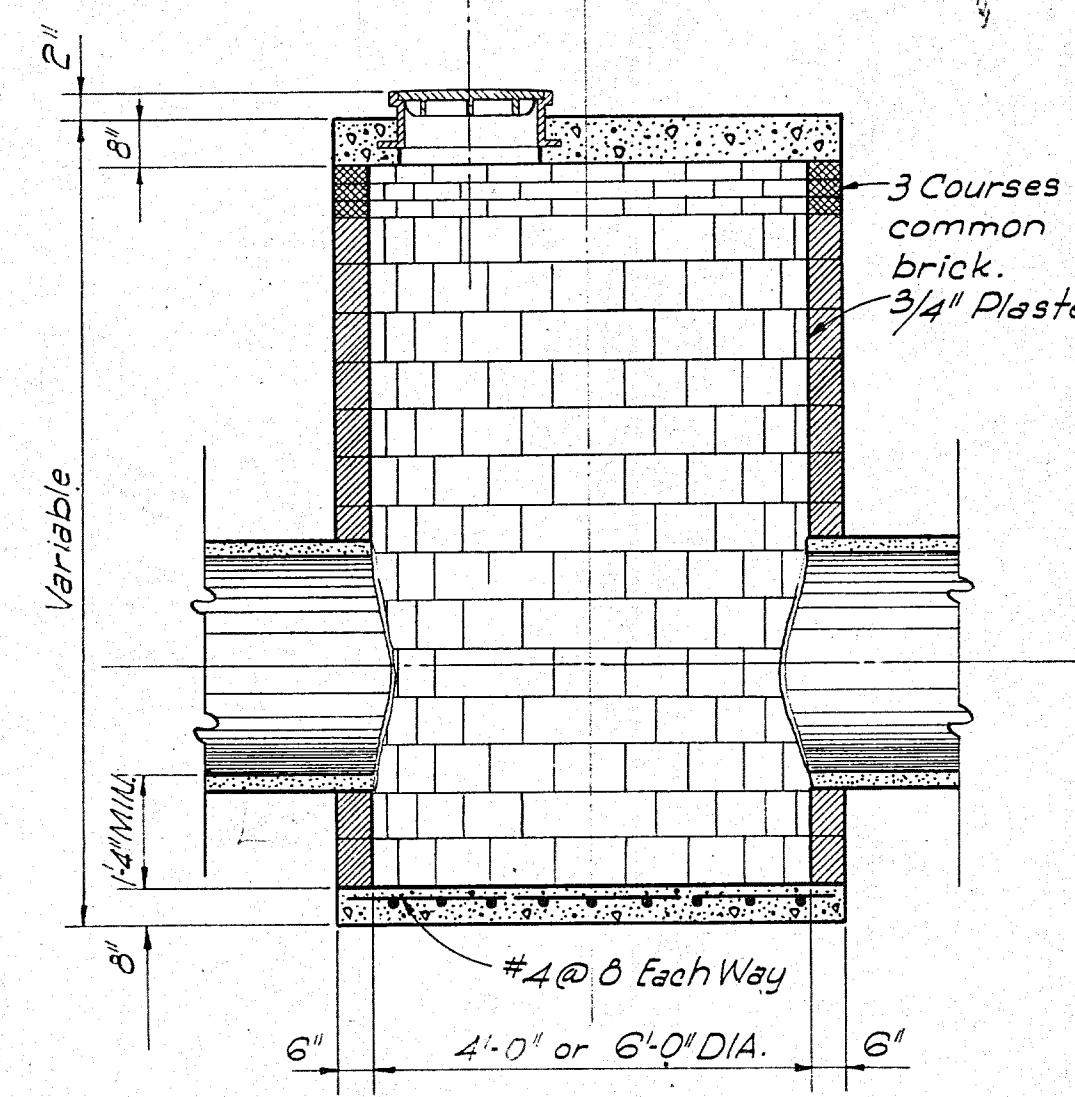
PLAN
SCALE: 1/8" = 1"



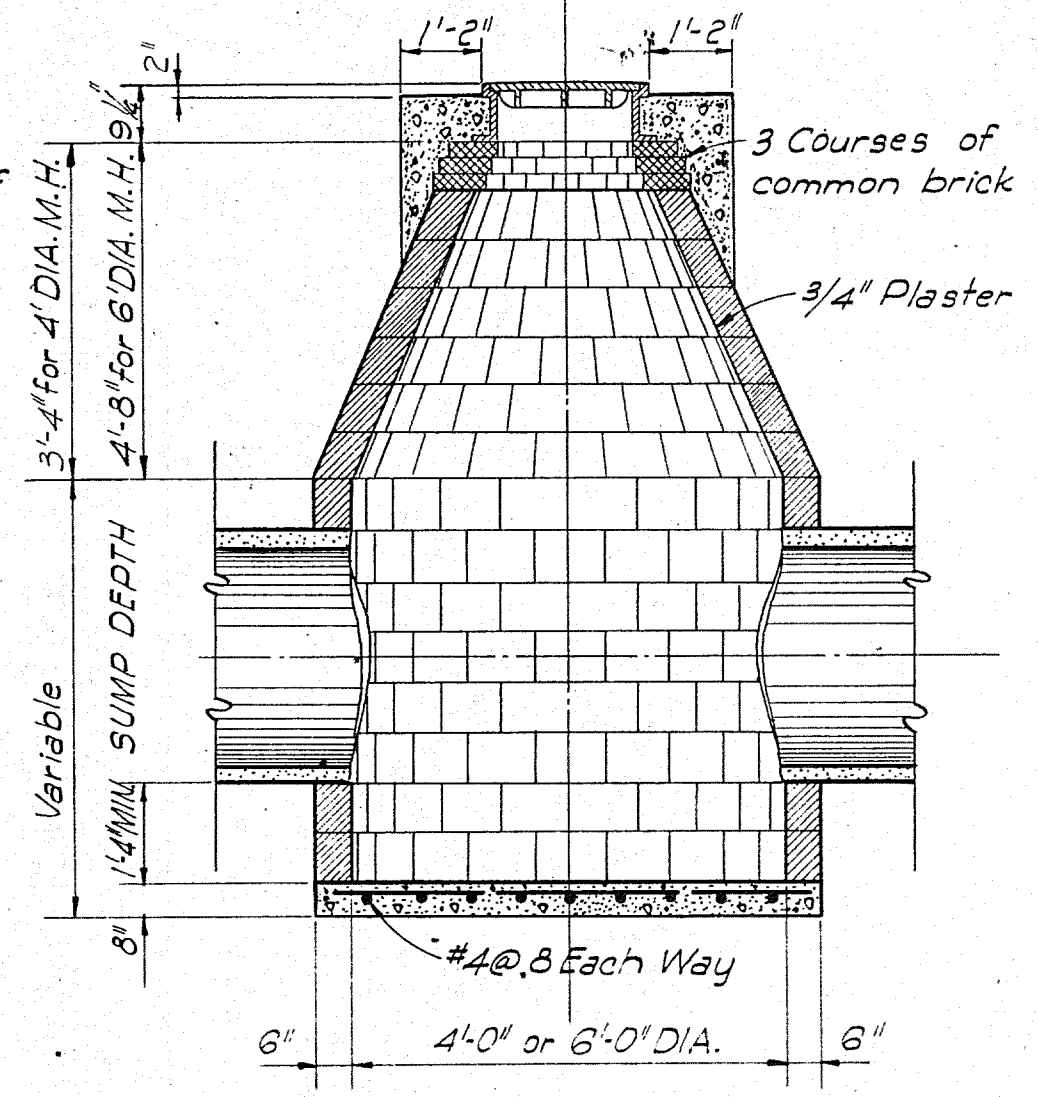
PAVEMENT CUT DETAILS
No Scale



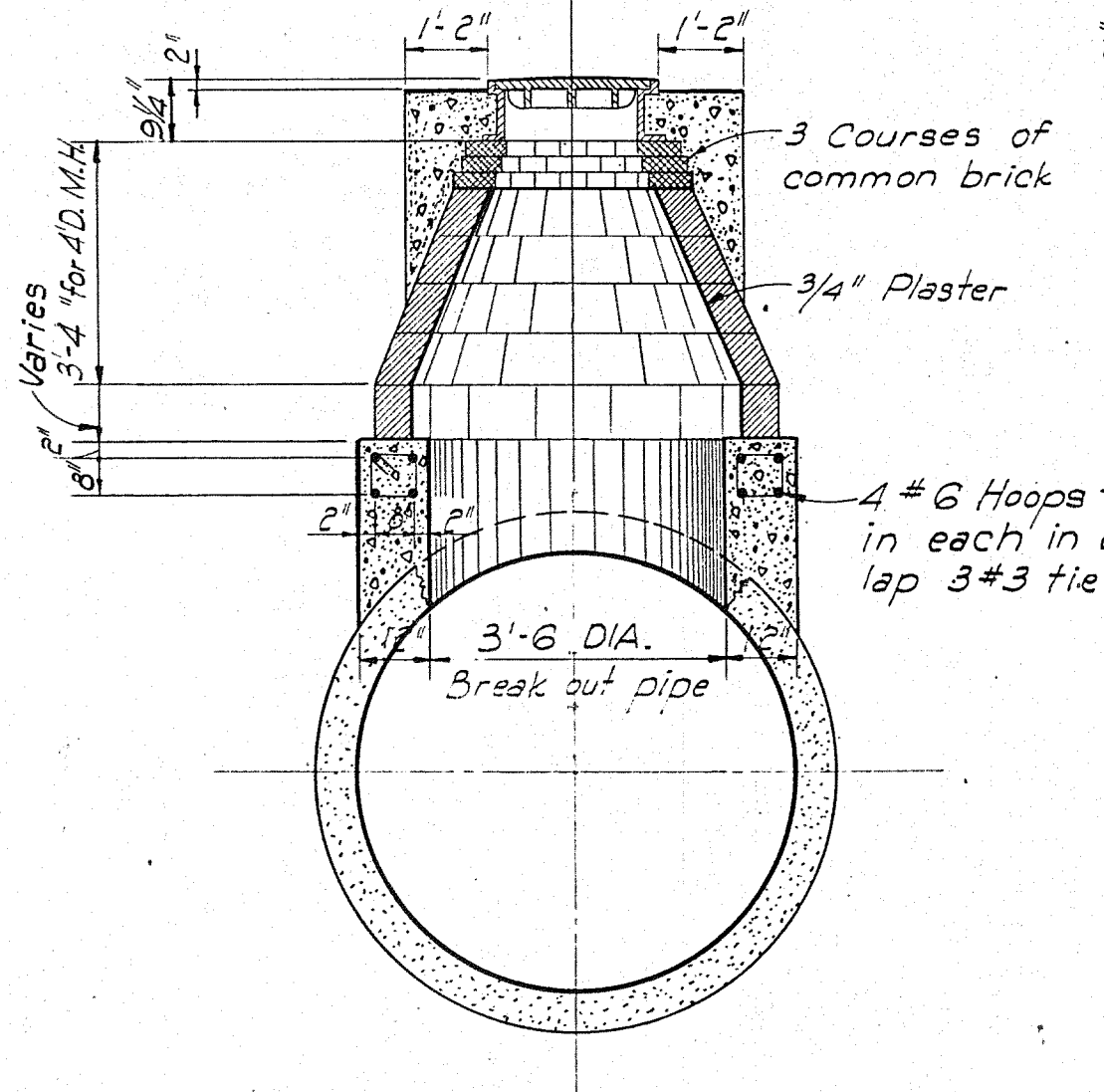
STANDARD MANHOLE CONE
SCALE: 3/8" = 1'-0"



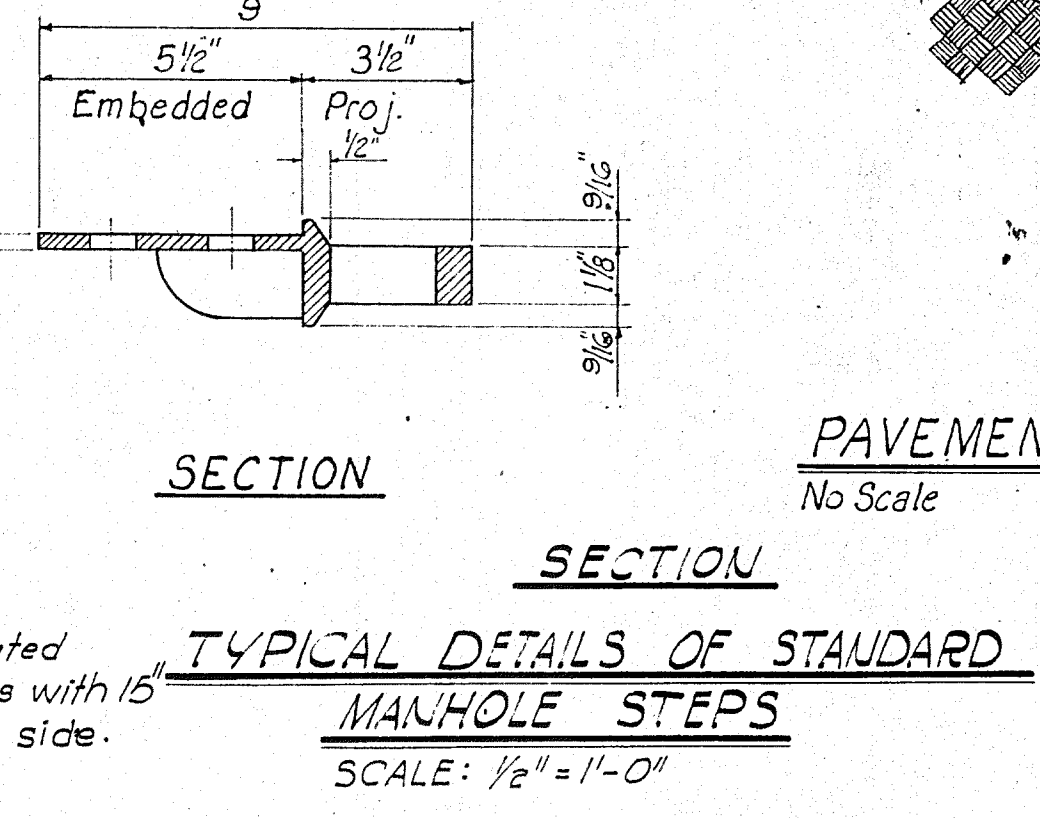
SECTION A-A - TYPE A MANHOLE
(WITH SUMPED INVERT)
SCALE: 3/8" = 1'-0"



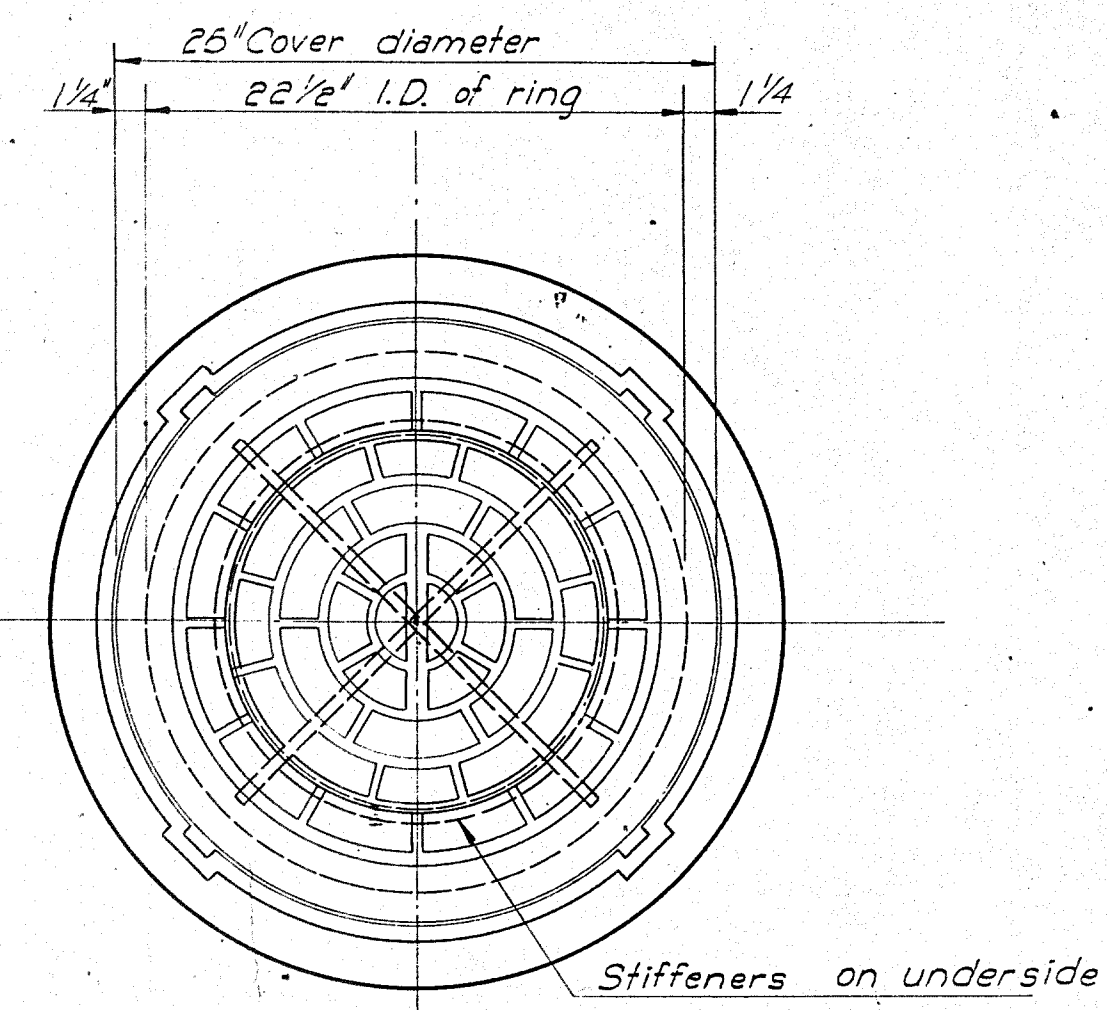
SECTION A-A - TYPE B MANHOLE
(WITH SUMPED INVERT)
SCALE: 3/8" = 1'-0"



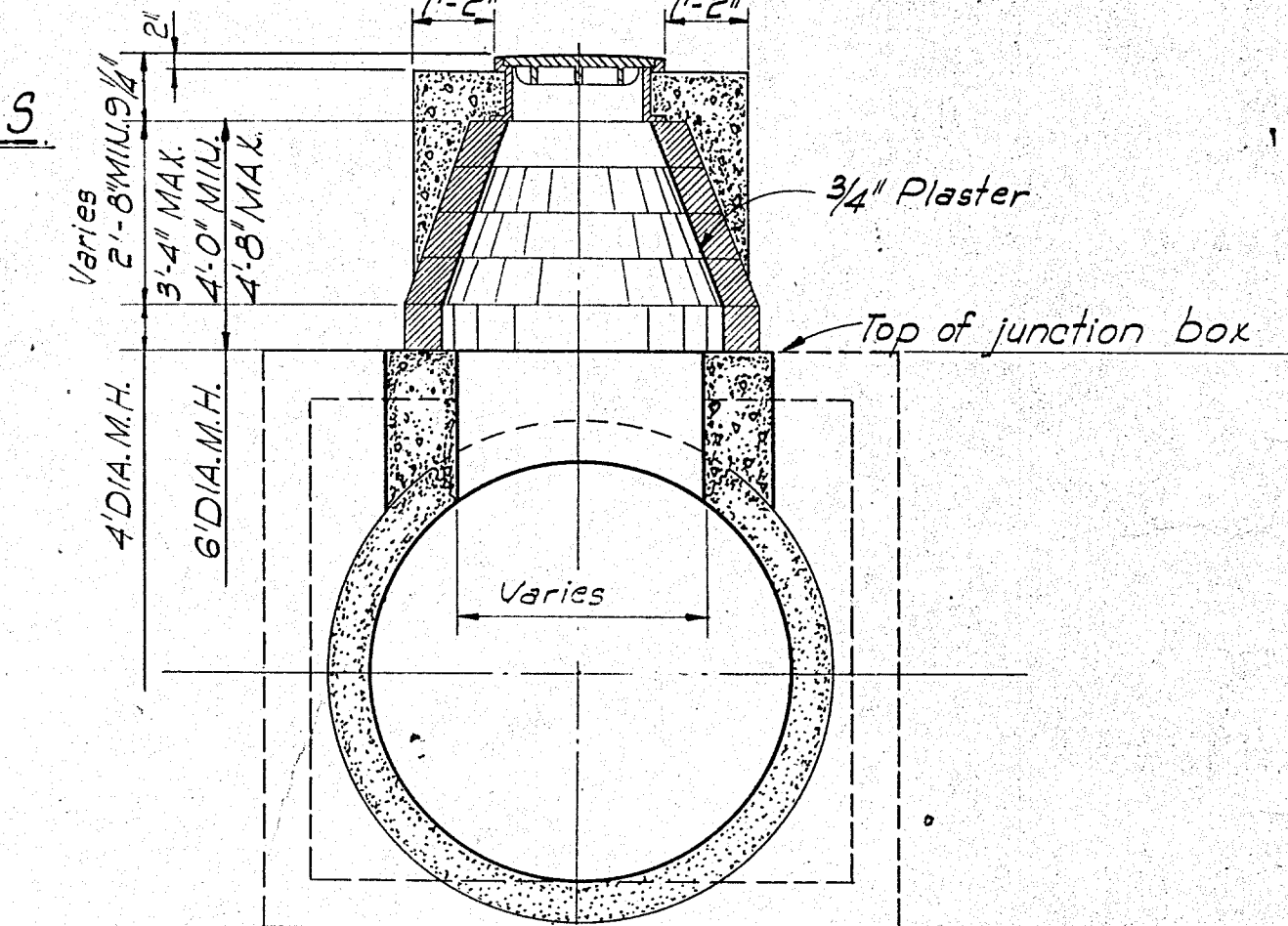
4' DIAMETER
INTERMEDIATE MANHOLE-TYPE C
SCALE: 3/8" = 1'-0"



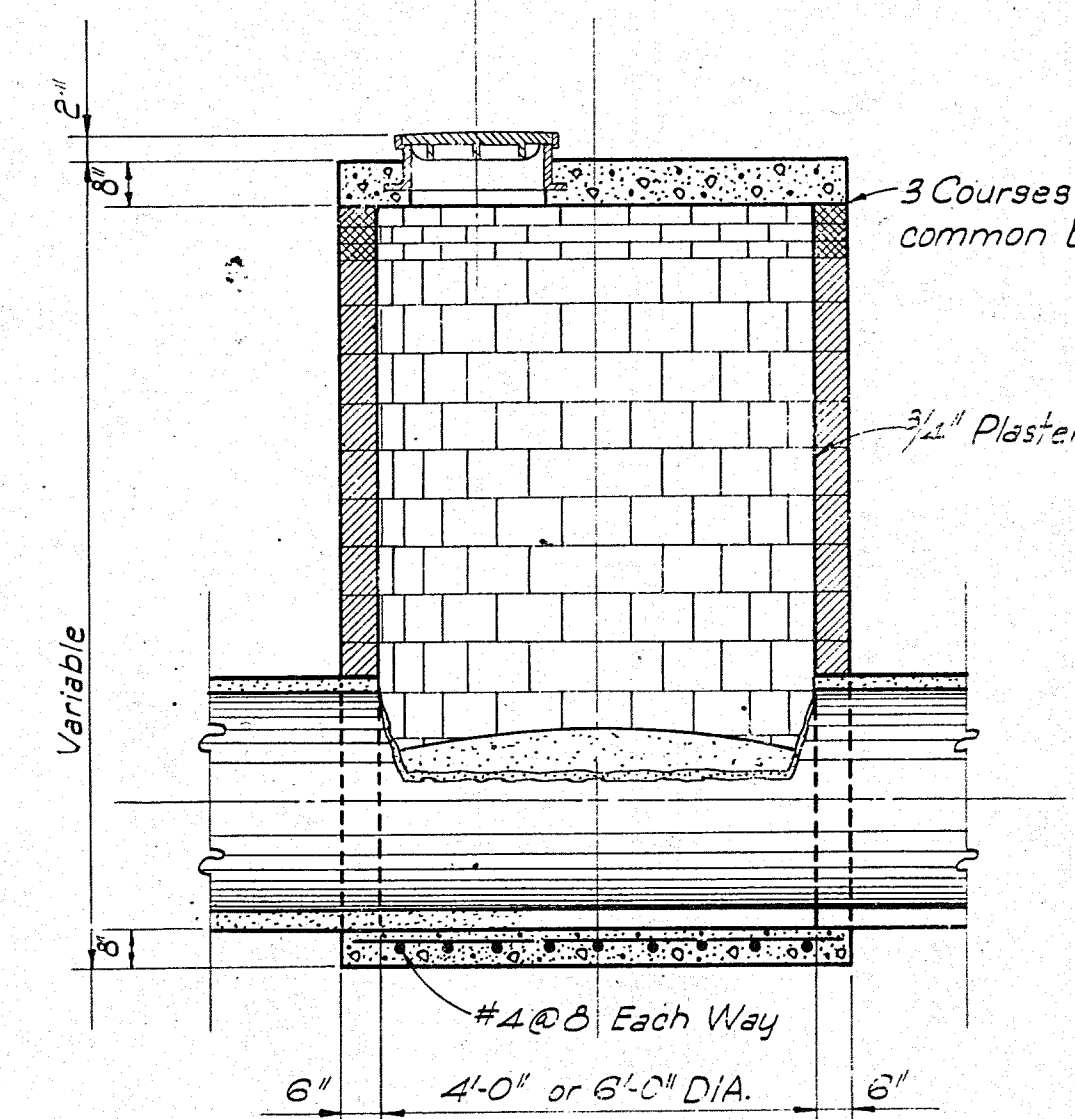
TYPICAL DETAILS OF STANDARD
MANHOLE STEPS
SCALE: 1/2" = 1'-0"



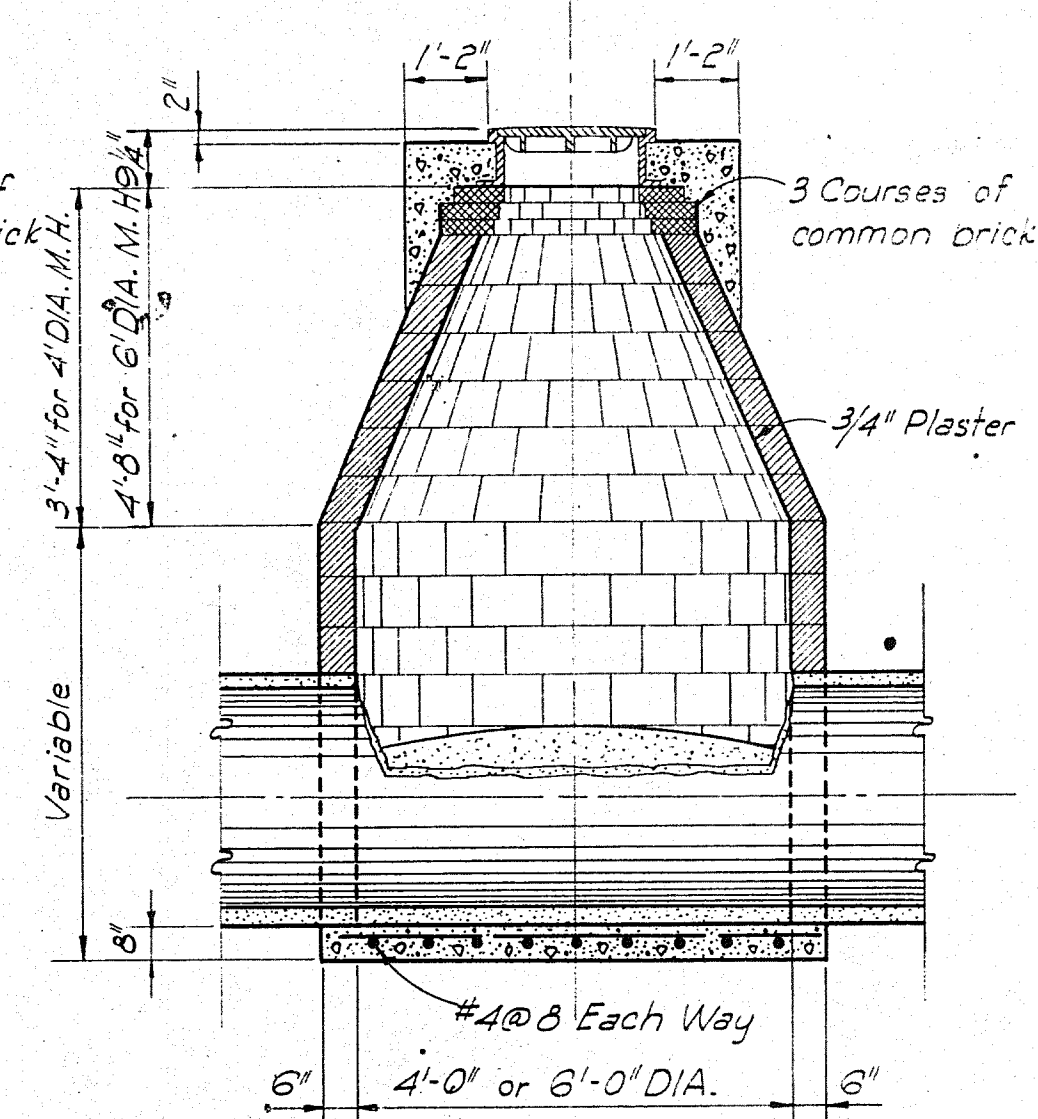
PLAN
SCALE: 1/8" = 1"



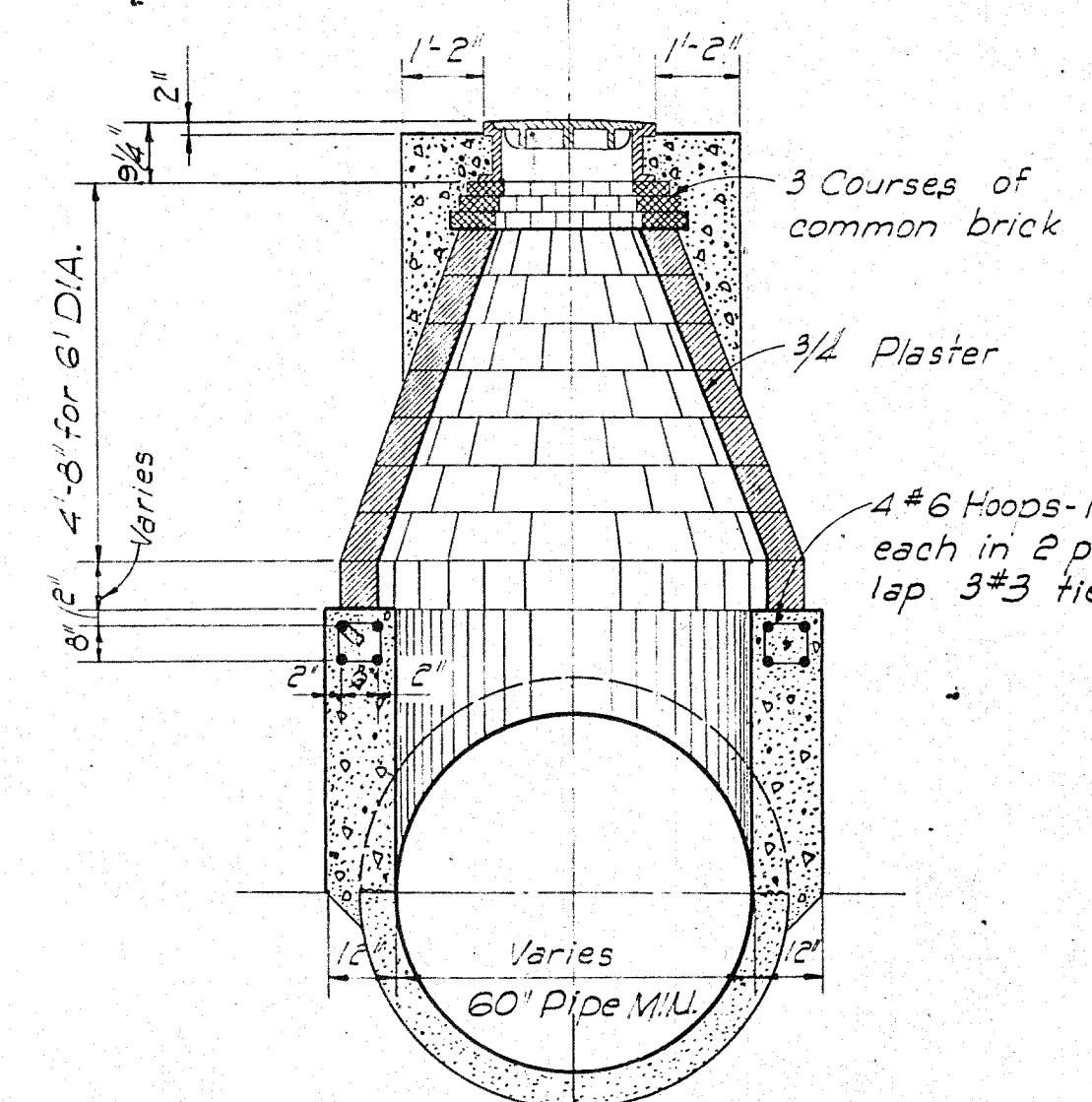
ALTERNATE MANHOLE CONE NO. 1
SCALE: 3/8" = 1'-0"



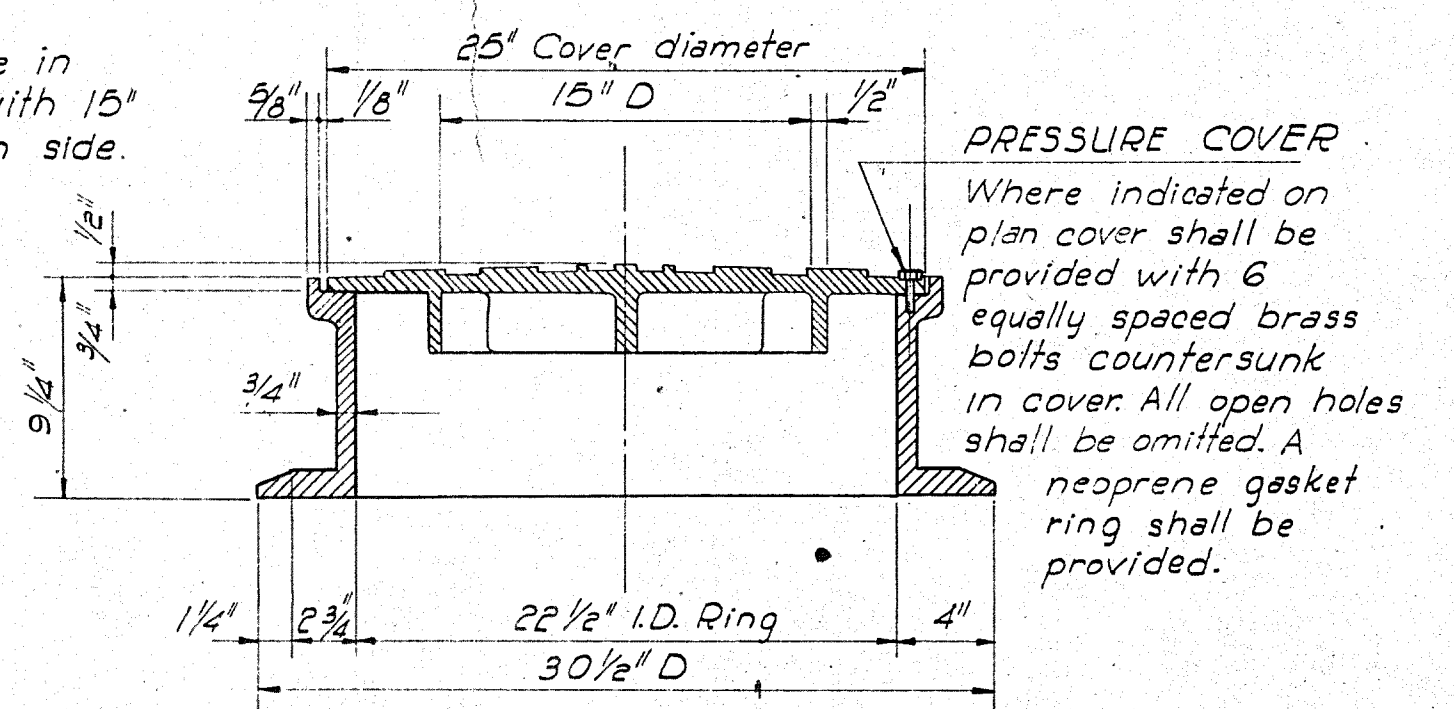
SECTION A-A - TYPE A MANHOLE
(STANDARD INVERT)
SCALE: 3/8" = 1'-0"



SECTION A-A - TYPE B MANHOLE
(STANDARD INVERT)
SCALE: 3/8" = 1'-0"



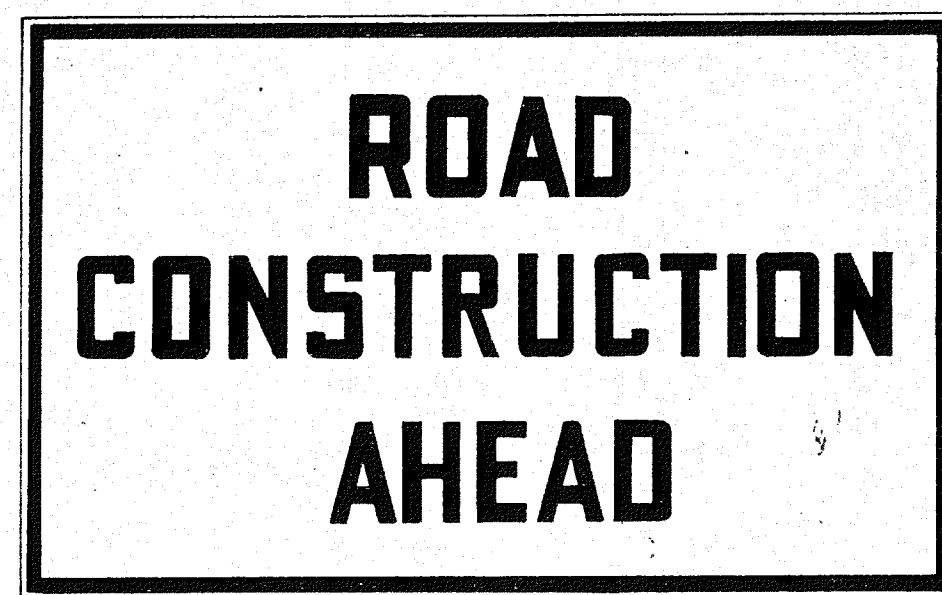
6' DIAMETER
INTERMEDIATE MANHOLE-TYPE C
SCALE: 3/8" = 1'-0"



TYPICAL DETAILS OF CAST IRON MANHOLE
RING AND COVER
SCALE: 1/8" = 1"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10	12	4	0	5	6	1																						

ALBUQUERQUE, NEW MEXICO			
STORM SEWER STANDARDS			
PAVEMENT CUT AND MANHOLE DETAILS			
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS			
ALBUQUERQUE	DATE	DRAWN: R.A.G.	SHEET 5
AS SHOWN	JULY 1960	CHECKED: G.A.J.	OF 9



C-60

36"X60" Black on White Letters 6" Series C. Reflectorize with O.D. 0.425 buttons 7/8" O.C.

O.D. = Optical Diameter



C-28

30"X30" Black on Yellow Letters 6" Series C. Reflectorize with O.D. 0.425 buttons 7/8" O.C.



C-50

24"X24" Black on Yellow Letters 6" Series B. Reflectorize with O.D. 0.610 buttons 1 1/8" O.C.



C-26

30"X30" Black on Yellow Letters 6" Series C. Reflectorize with O.D. 0.425 buttons 7/8" O.C.



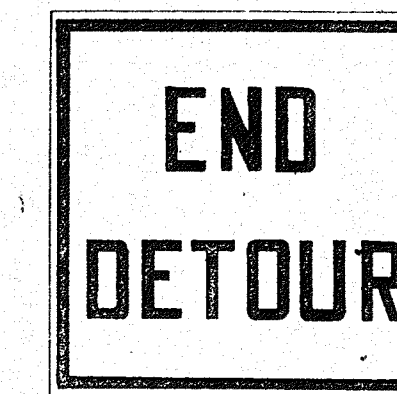
C-55

24"X24" Black on Yellow Letters 6" Series C. Reflectorize.



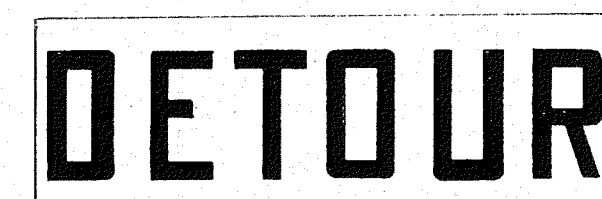
C-64

24"X24" Black on Yellow Letters 6" Series C. Reflectorize.



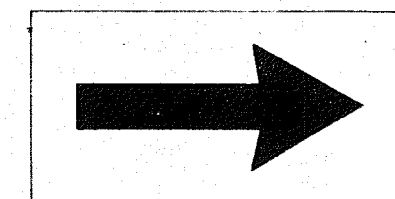
C-87

24"X24" Black on Yellow Letters 6" Series C. Reflectorize.



D-31

2'X36" Black on White Letters 6" Series C. Reflectorize with O.D. 0.610 buttons.



D-32

12"X24" Black on White Reflectorize with O.D. 0.610 buttons 1 1/8" O.C. min.



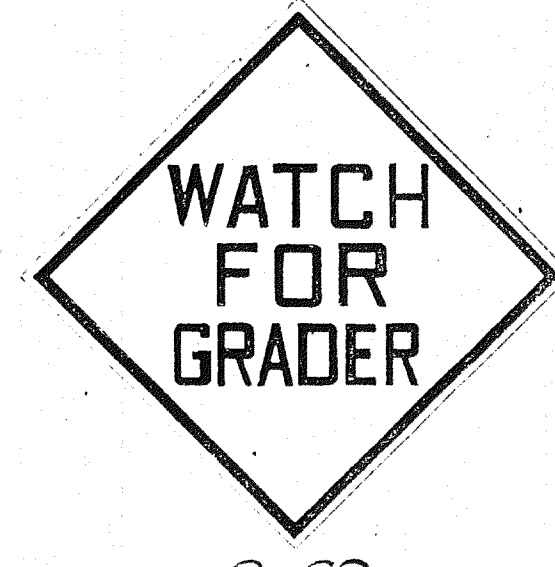
D-14

24"X24" Black on Yellow Letters 4" Series C. Reflectorize.



C-67

24"X24" Black on Yellow Letters 4" Series B. Plain



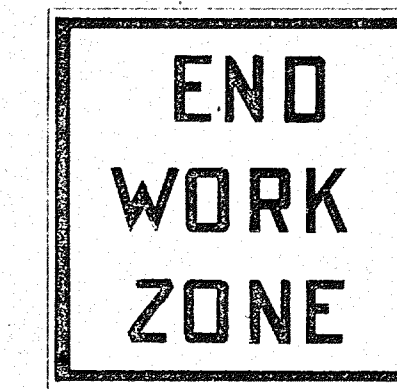
C-69

24"X24" Black on Yellow Letters 4" Series B. Plain



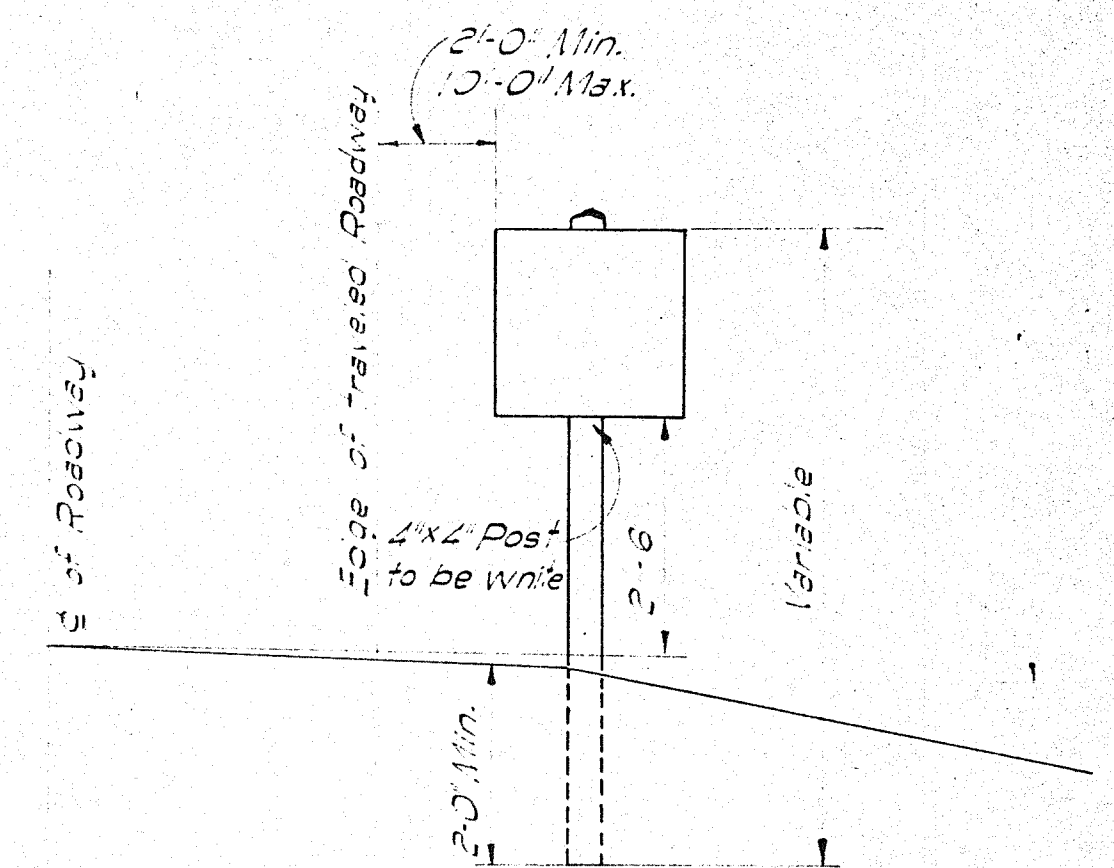
C-29

24"X24" Black on Yellow Letters 4" Series C. Plain

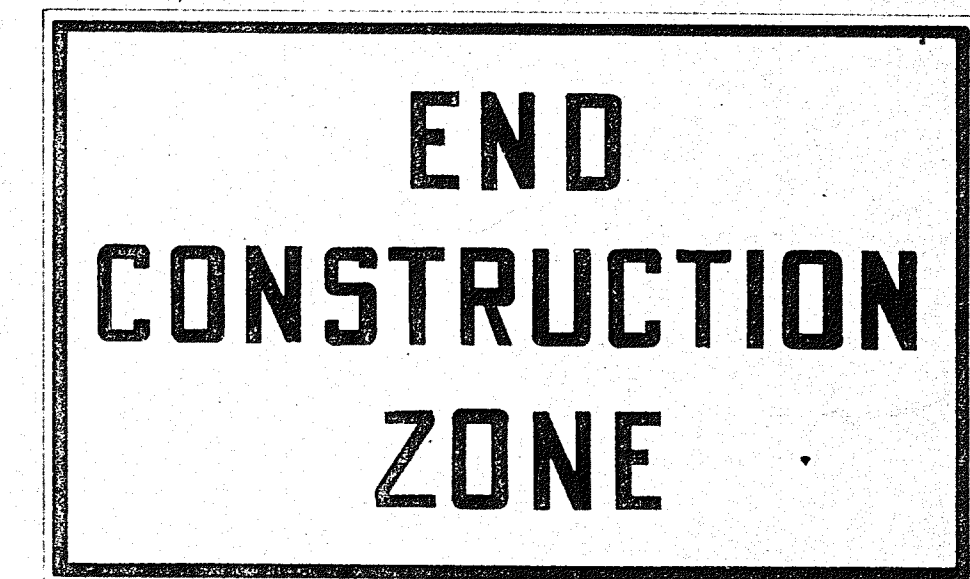


C-89

24"X24" Black on White Letters 4" Series D. Reflectorize.

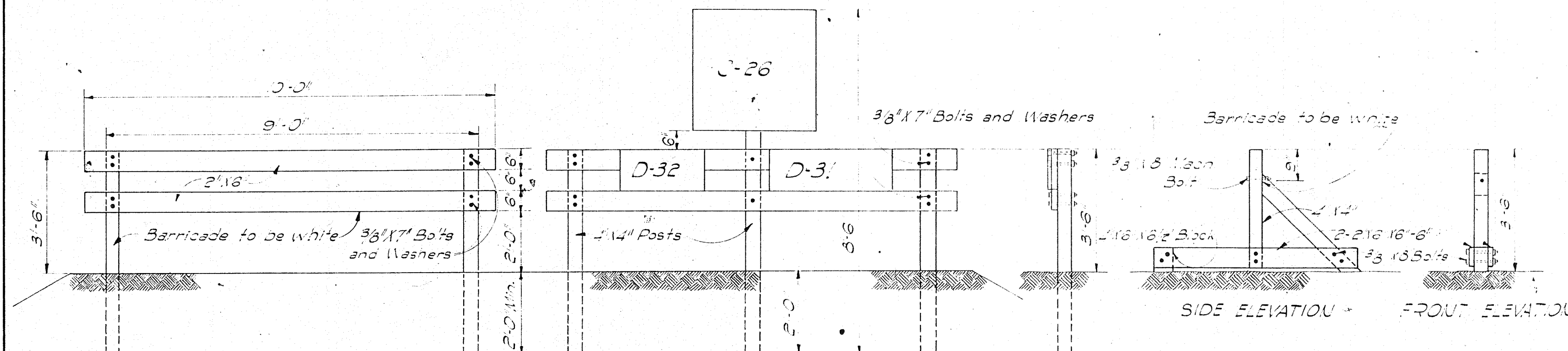


PLACEMENT OF SIGNS



C-90

36"X60" Black on White Letters 6" Series C. Reflectorize with O.D. 0.425 buttons 7/8" O.C.



BARRICADE

BARRICADE STAND (OPTIONAL)

SPECIFICATIONS

ERECTION AND DISPLAY

All signs and barricades shall be erected on posts of the dimensions shown elsewhere on this sheet. They shall be securely bolted to their standards with three-eighths (3/8) inch bolts.

Where it is impracticable to place barricades on posts set in the ground, the above optional stand may be used. Two posts or stands shall be used for each ten (10) foot section of barricade except where a "Road Closed" sign is used in conjunction with the barricade. In the latter case a solid barricade shall be used.

Temporary signs, such as "Men Working," "Watch for Trucks," etc., may be erected on tripods or temporary stands to facilitate prompt removal when the purpose for which they have been erected has been fulfilled. Tripods and stands shall be properly weighted to prevent their being blown over. Methods and types of devices shall be subject to the approval of the Engineer.

DISPLAY

The above signs have been designed so as to afford maximum protection and convenience to the contractor and traffic alike. In order to obtain maximum efficiency from these signs, this sheet shall be closely adhered to and no variation will be allowed without express permission by the Engineer. All signs, with exception of the barricade shall be erected facing on the right hand side of approaching traffic. Care shall be taken to place these signs so as to afford maximum visibility.

Temporary signs, such as "Men Working," "Watch for Trucks," etc., shall only be displayed when the hazard they refer to actually exists. Signs not reflectorized shall have Toledo Branda placed in front of them during the hours of darkness.

On reconstruction projects, widening projects, etc., where traffic is passed over the project, only that part of the project shall be signed where work is actually prosecuted or construction hazards exist. In no case shall the spacing between signs be less than one hundred feet.

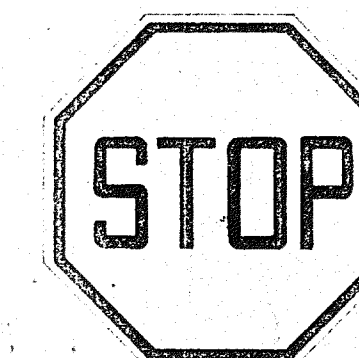
When working is surfacing project, etc., requiring no detour, the first warning sign shall be placed two hundred and fifty feet from the point of hazard. All signs required shall be furnished, installed and maintained in good order by the contractor.

The contractor shall be responsible for damages to any persons or property resulting from defects, obstructions or any other cause during the progress of the work and the erection and maintenance of Standard Signs does not in any way affect this responsibility.

All lettering to be rounded and shall conform to standard lettering as adopted by the A.A.S.H.O., 1947.

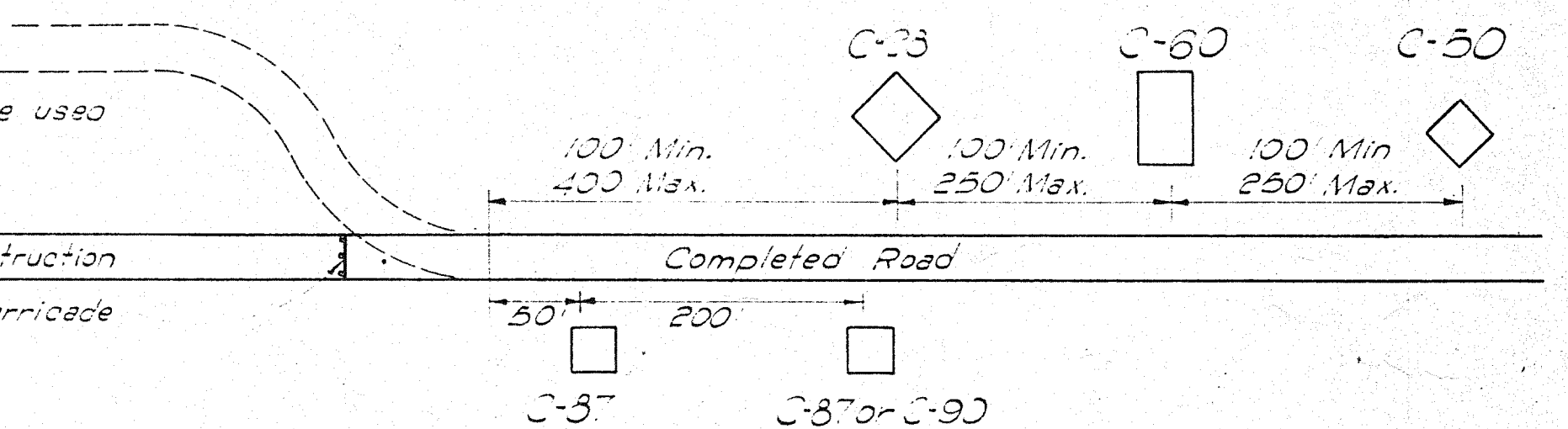
Reflector buttons shall be Signal Service Reflector Buttons No. ALA- or equivalent, as approved by the Engineer and of the optical diameter as shown.

Options: Barricade Signs shall be used at each end of construction or major repair projects only when some form of work is being performed which creates a traffic hazard throughout the entire length of the project. In case of several short sections of construction or major repair projects which are separated by intervals, each section shall be barricaded with Options' Barricade Signs.



11-3

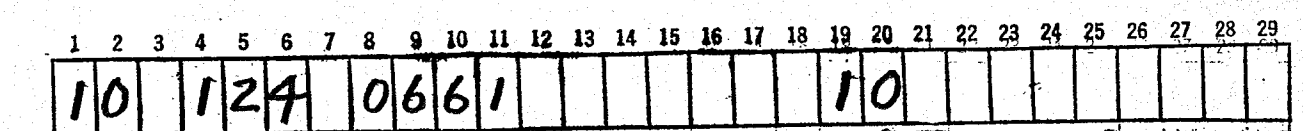
30"X30" Black on Yellow Letters 10" Series C. Reflectorize with O.D. 0.610 buttons 1 1/8" O.C.



TYPICAL SIGN LAYOUT FOR DETOUR

MEANS OF REFLECTORIZATION

1. Reflector buttons or units set in the symbol or message.
2. Reflecting coatings on the sign background, or in the symbol or message.
3. All reflecting elements shall reflect white lights except that if a reflecting coating is used as a background of a yellow sign it shall reflect yellow light.
4. Buttons for 4", 5" and 6" letters shall be O.D. 0.425-7/8" O.C. Buttons for 8" and 10" letters shall be O.D. 0.610-1 1/8" O.C.



ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT NO. 124

STANDARD CONSTRUCTION SIGNS

IN ACCORDANCE WITH N.M.S.H.D. STANDARDS

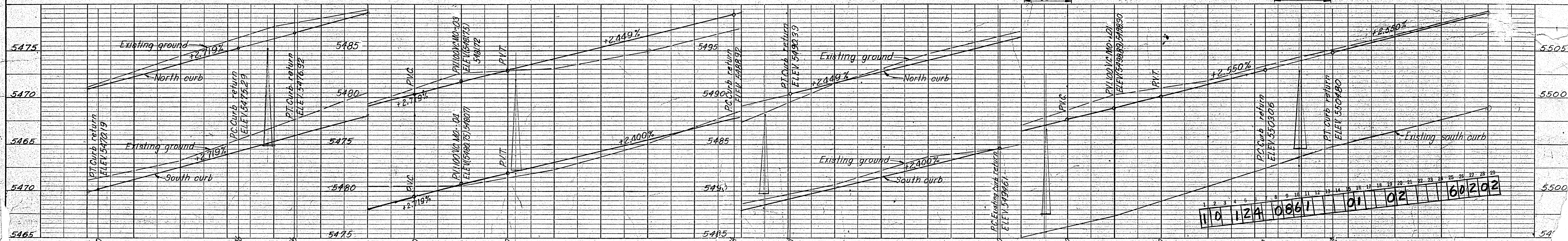
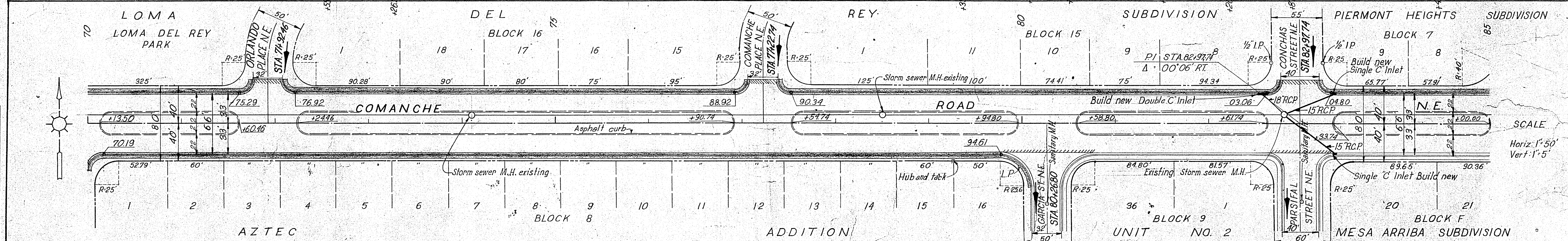
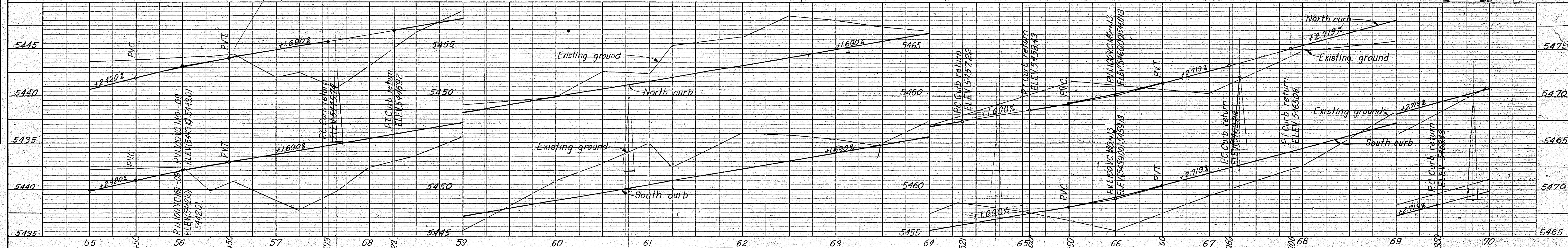
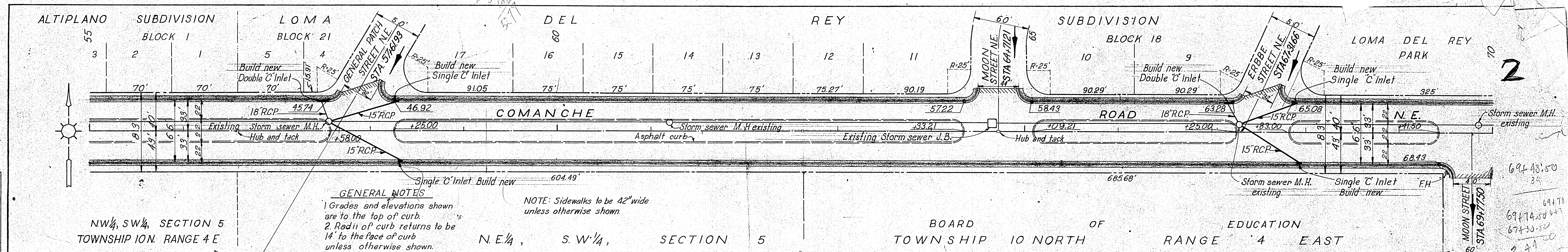
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS

ALBUQUERQUE NEW MEXICO

SCALE DATE DRAWN: R.A.G. SHEET 6 NOT TO SCALE JULY 1960 CHECKED: G.A.J. OF 9

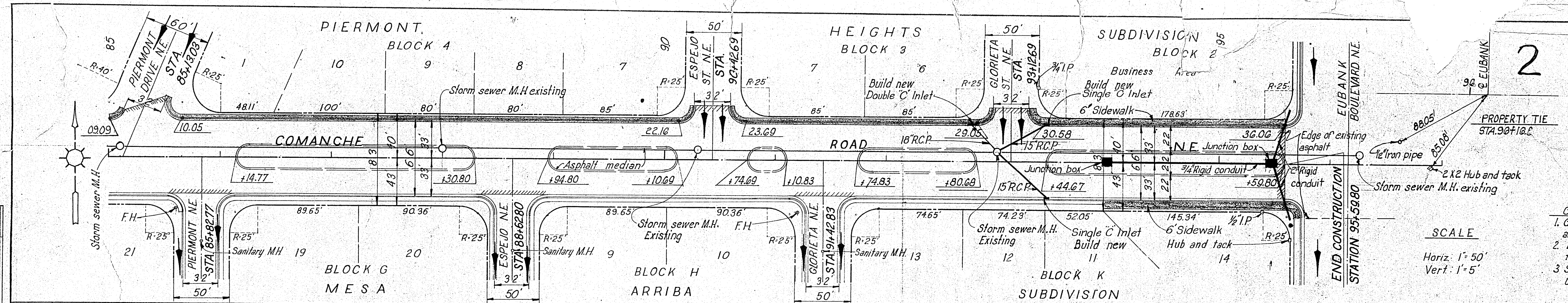
DATE	2-60
BY	G.F.B.
SURVEYED	2-60
PLANNED	2-60
NOTED	2-60
RT. OF WAY	2-60
NO.	

DATE	2-60
BY	G.F.B.
SURVEYED	2-60
PLANNED	2-60
NOTED	2-60
RT. OF WAY	2-60
NO.	



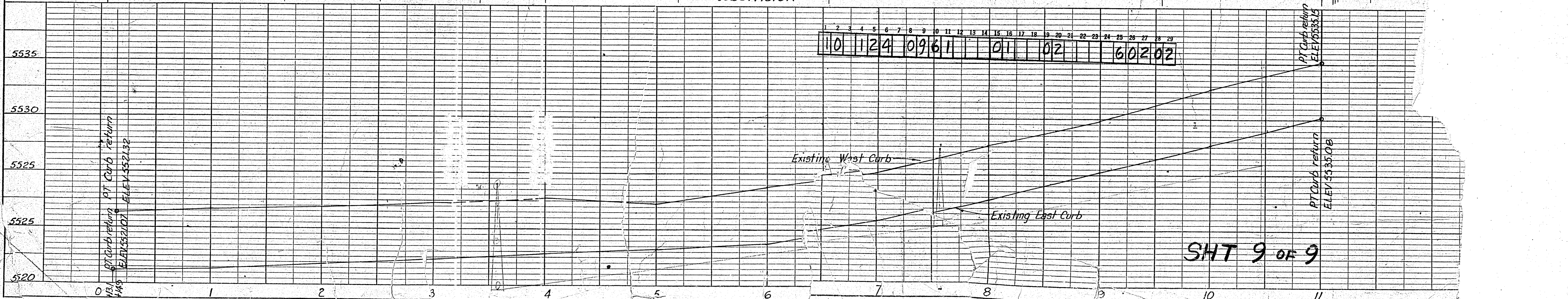
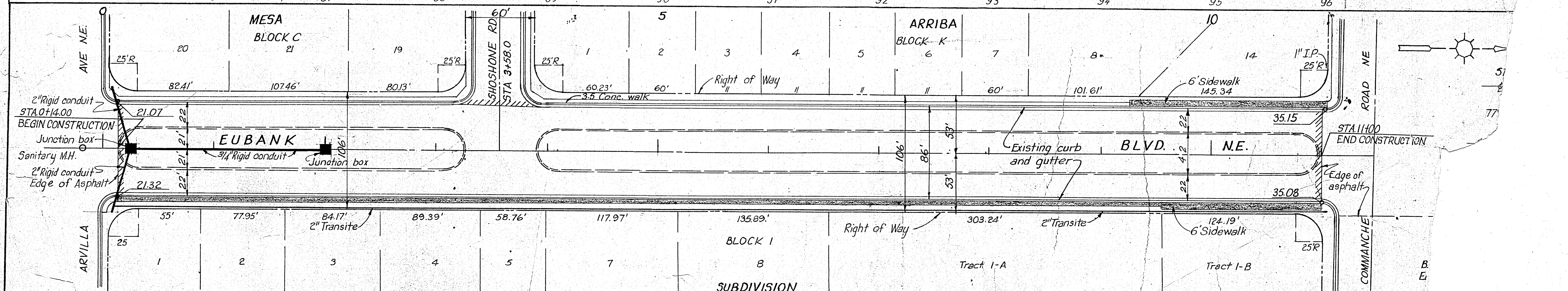
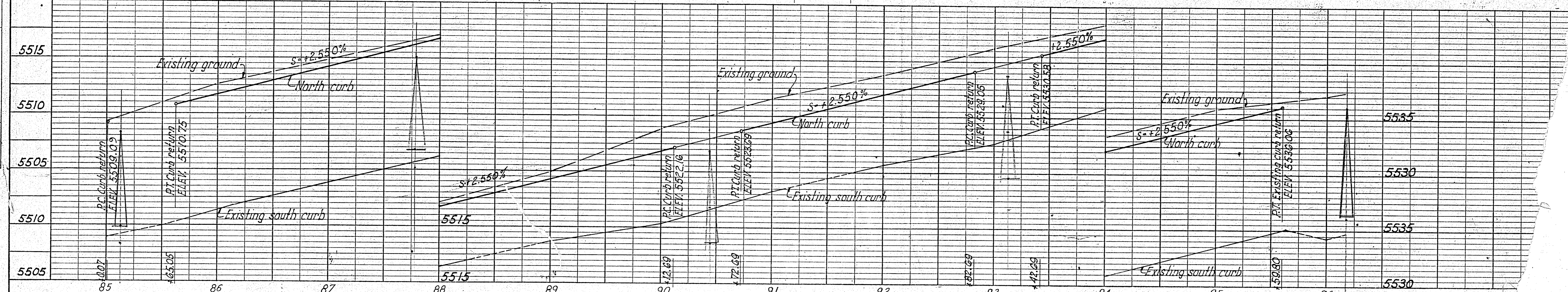
DATE	BY	FILE
	RAH	
SURVEYED NOTE BOOK ALIGNMENT CHECKED RT. OF WAY CHECKED NO.		

DATE	BY	FILE
	RAH	
SURVEYED NOTE BOOK GRADES CHECKED STRUCTURE NOTATIONS CHG. NO.		



BM. Chiseled D west curb return at Eubank. Comanche Elev=5535

SCALE
 Horiz: 1" = 50'
 Vert: 1" = 5'



SHT 9 OF 9