

# DRAINAGE

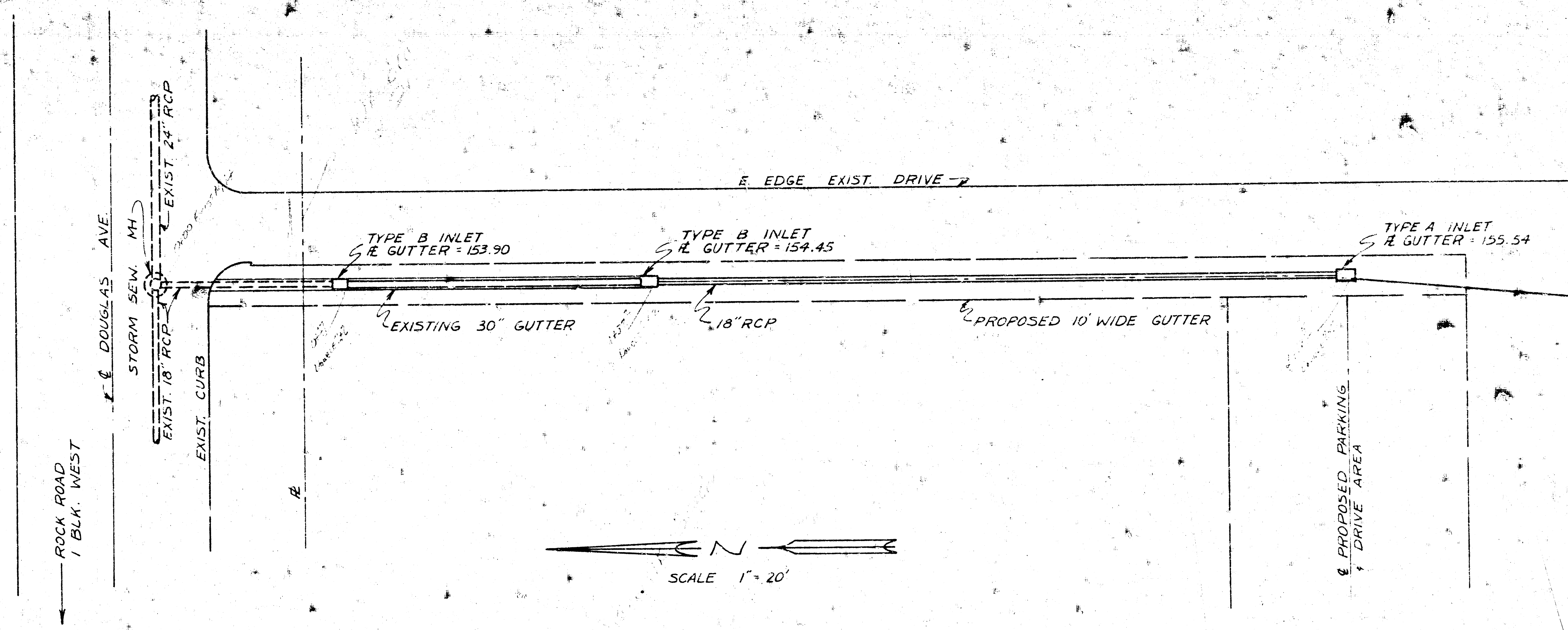
BONNIE BRAE SECOND ADD.  
WICHITA KANS.

FOR

BUILDERS INC.

**NOTE TO CONTRACTOR**  
This project will be constructed under the supervision of the CITY ENGINEER and conform to the SPECIFICATIONS of the City of WICHITA. The CONTRACTOR shall reimburse the City of Wichita for the cost of engineering, plan, and inspection.

**APPROVED AS NOTED**  
By CITY ENGINEER OF WICHITA  
Sanitary Sewers \_\_\_\_\_  
Storm Sewers \_\_\_\_\_  
Driveway Approaches \_\_\_\_\_

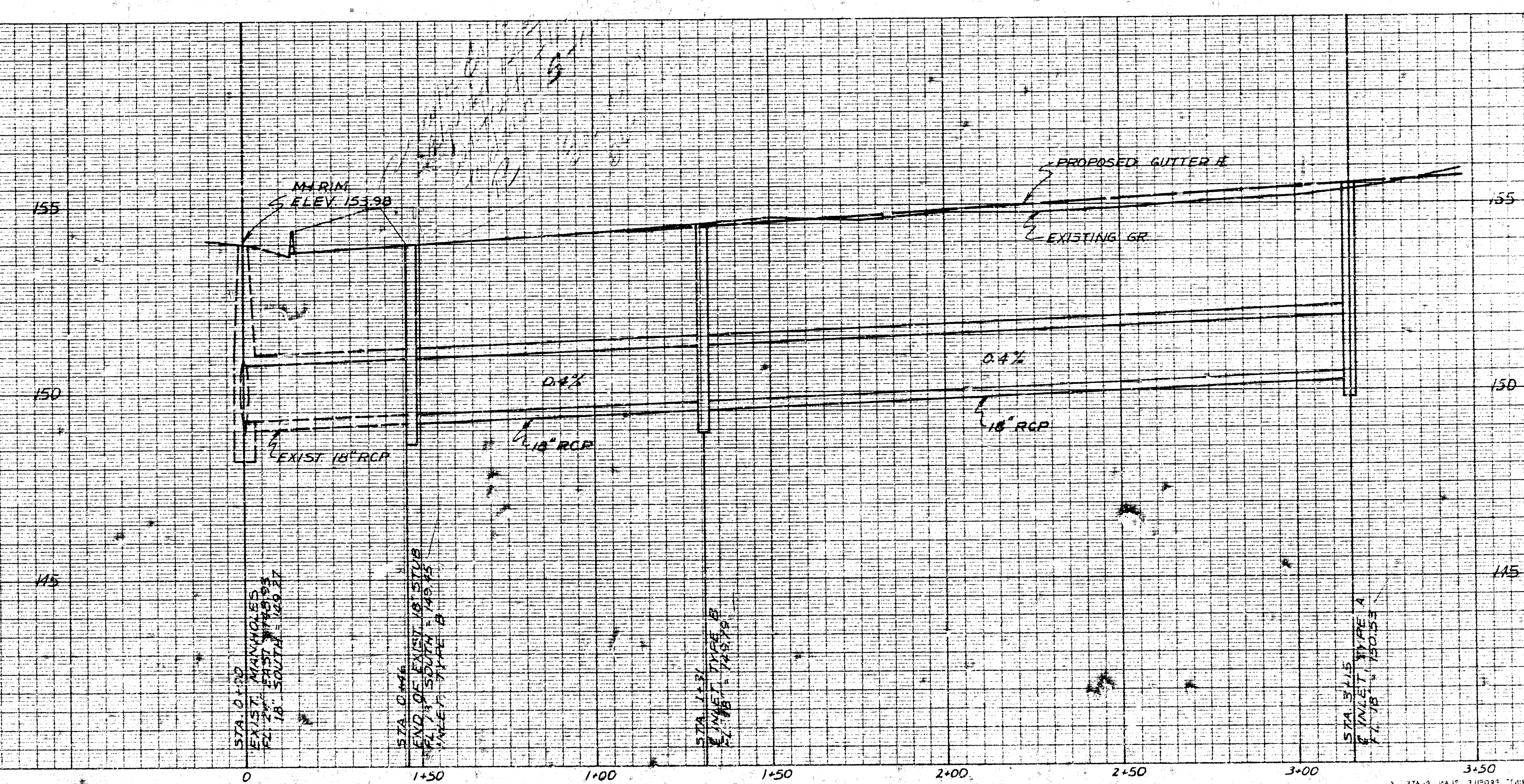


APPROVED AS NOTED  
 BY CITY ENGINEER OF WICHITA

Sanitary Sewers \_\_\_\_\_  
 Storm Sewers \_\_\_\_\_  
 Driveway Approaches \_\_\_\_\_

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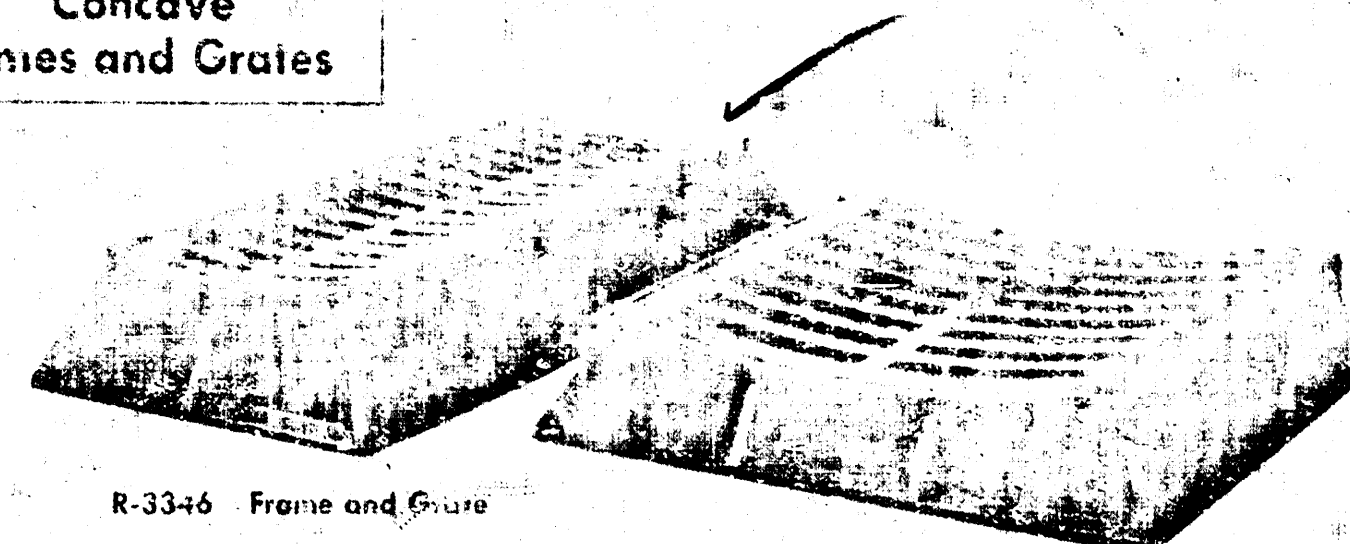
**B.M. (CITY OF WICHITA)**  
 BRASS PLUG IN CONCRETE MONUMENT  
 52' E & 42' S OF E. OF INTERSECTION  
 DOUGLAS AVE AND ROCK ROAD.  
 ELEV 163.26



AAKB50201B

**R-3341 R-3355 Series Concave Gutter Inlet Frames and Grates**

Heavy Duty  
Specify:  
1. Catalog number



R-3346 Frame and Grate

R-3350 Frame and Grate



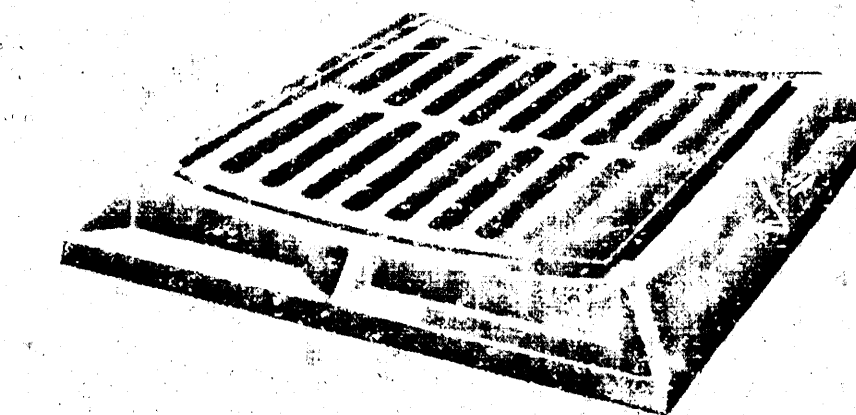
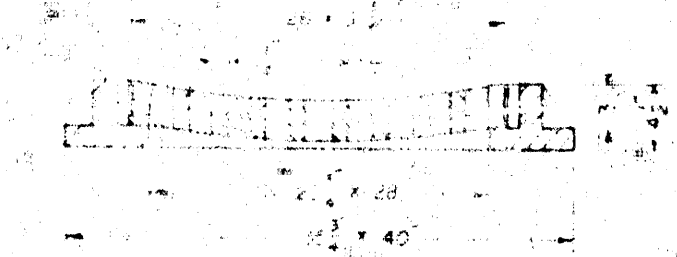
R-3341 Frame and Grate

| Catalog No. | A     | AA | D  | DD     | E      | EE | F      | FF     | Wt. |
|-------------|-------|----|----|--------|--------|----|--------|--------|-----|
| R-3341      | 7 1/2 | 11 | 3  | 11 1/4 | 15 1/4 | 19 | 6      | 7 1/4  | 95  |
| R-3342      | 11    | 15 | 5  | 15 1/4 | 19 1/4 | 23 | 9 1/4  | 11 1/4 | 220 |
| R-3343      | 15    | 19 | 7  | 19 1/4 | 23 1/4 | 27 | 11 1/4 | 15 1/4 | 275 |
| R-3344      | 19    | 23 | 9  | 23 1/4 | 27 1/4 | 31 | 13 1/4 | 19 1/4 | 360 |
| R-3345      | 23    | 27 | 11 | 27 1/4 | 31 1/4 | 35 | 15 1/4 | 23 1/4 | 415 |
| R-3346      | 27    | 31 | 13 | 31 1/4 | 35 1/4 | 39 | 17 1/4 | 27 1/4 | 470 |
| R-3347      | 31    | 35 | 15 | 35 1/4 | 39 1/4 | 43 | 19 1/4 | 31 1/4 | 525 |
| R-3348      | 35    | 39 | 17 | 39 1/4 | 43 1/4 | 47 | 21 1/4 | 35 1/4 | 580 |
| R-3349      | 39    | 43 | 19 | 43 1/4 | 47 1/4 | 51 | 23 1/4 | 39 1/4 | 635 |
| R-3350      | 43    | 47 | 21 | 47 1/4 | 51 1/4 | 55 | 25 1/4 | 43 1/4 | 690 |
| R-3351      | 47    | 51 | 23 | 51 1/4 | 55 1/4 | 59 | 27 1/4 | 47 1/4 | 745 |
| R-3352      | 51    | 55 | 25 | 55 1/4 | 59 1/4 | 63 | 29 1/4 | 51 1/4 | 800 |
| R-3353      | 55    | 59 | 27 | 59 1/4 | 63 1/4 | 67 | 31 1/4 | 55 1/4 | 855 |
| R-3354      | 59    | 63 | 29 | 63 1/4 | 67 1/4 | 71 | 33 1/4 | 59 1/4 | 910 |
| R-3355      | 63    | 67 | 31 | 67 1/4 | 71 1/4 | 75 | 35 1/4 | 63 1/4 | 965 |

\*\* Also available with flat grate.  
\*\*\* Also available with openings punched in gutter.  
†† Grate supported by legs.

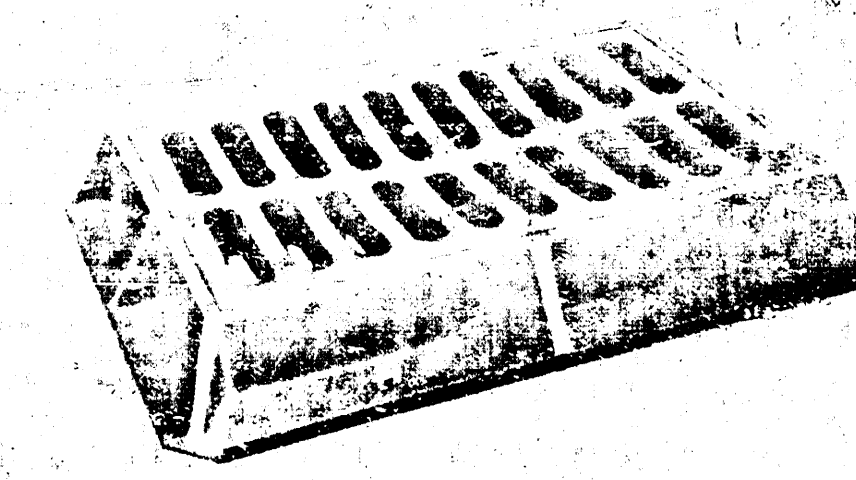
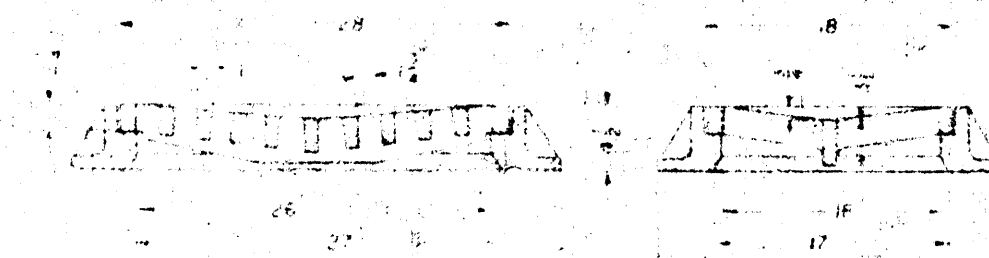
**R-3349 Concave Gutter Inlet Frame and Grate**

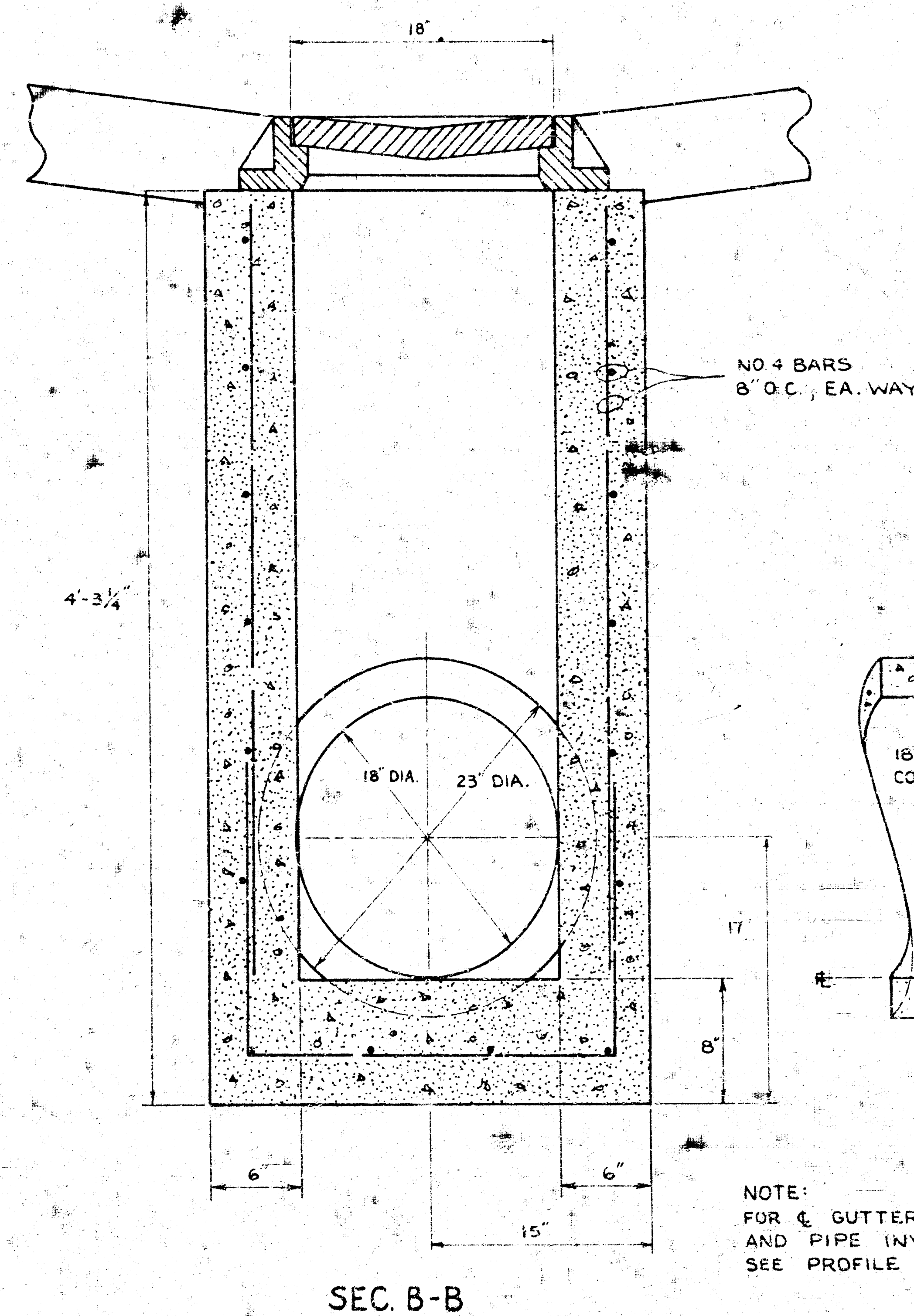
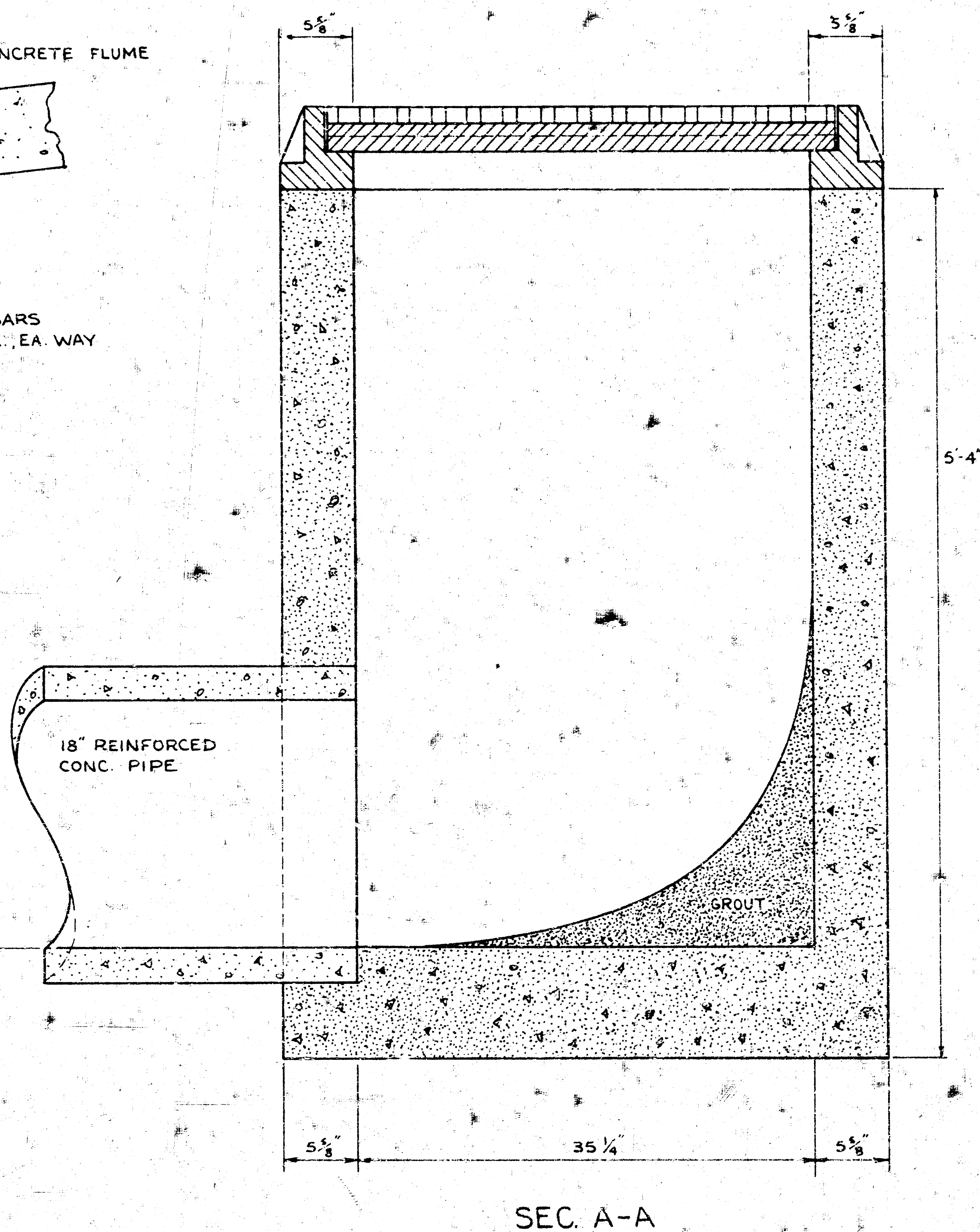
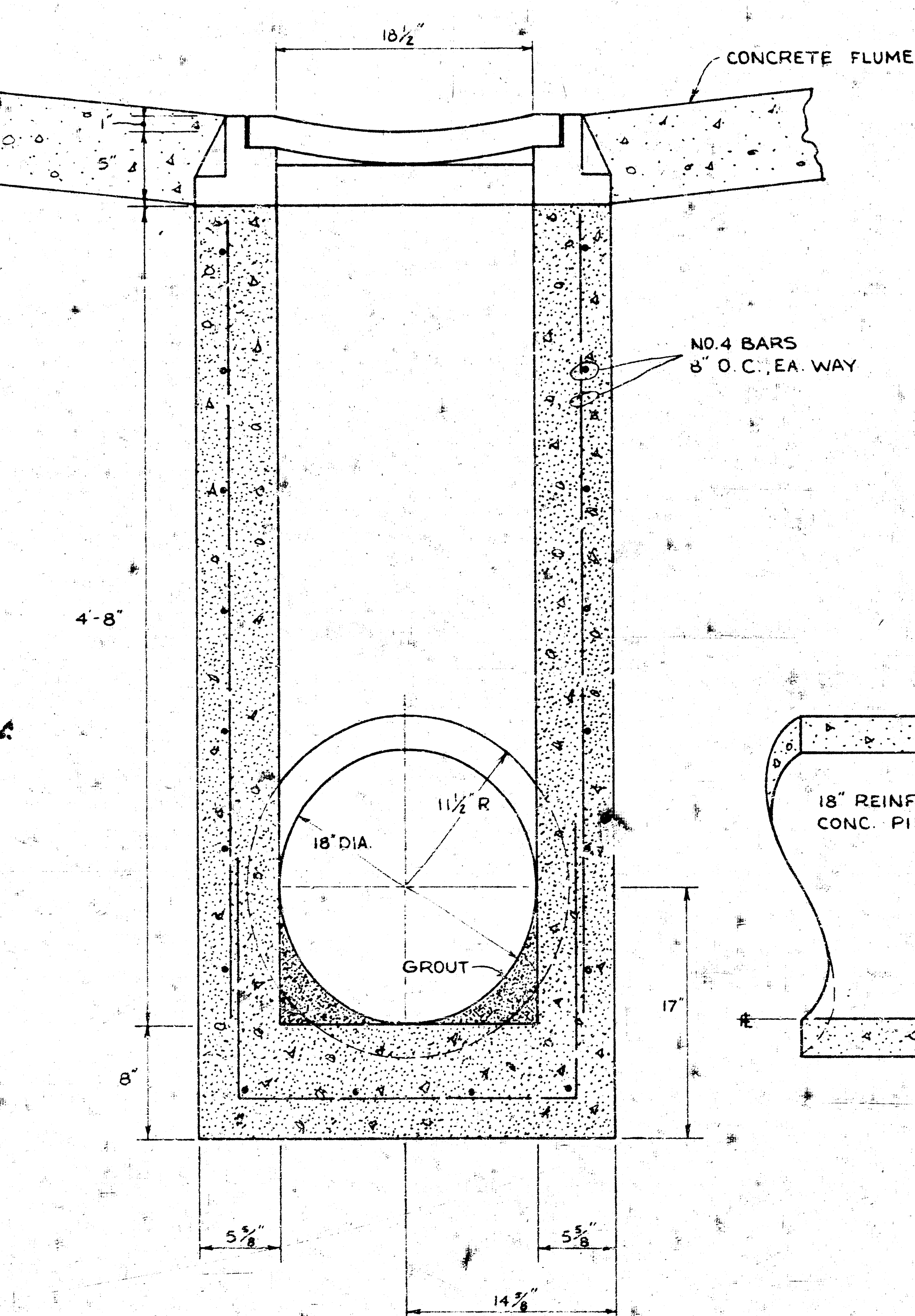
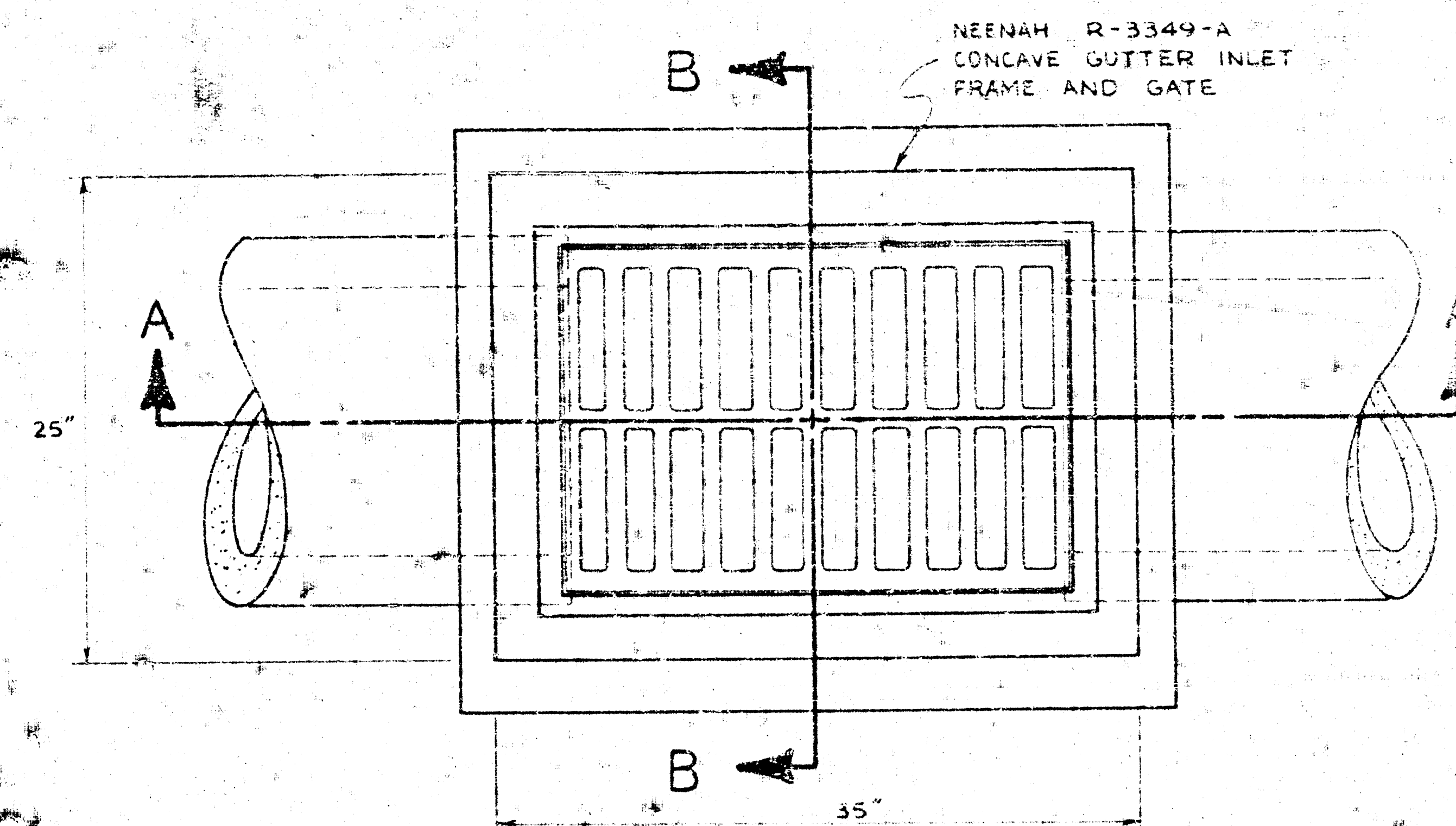
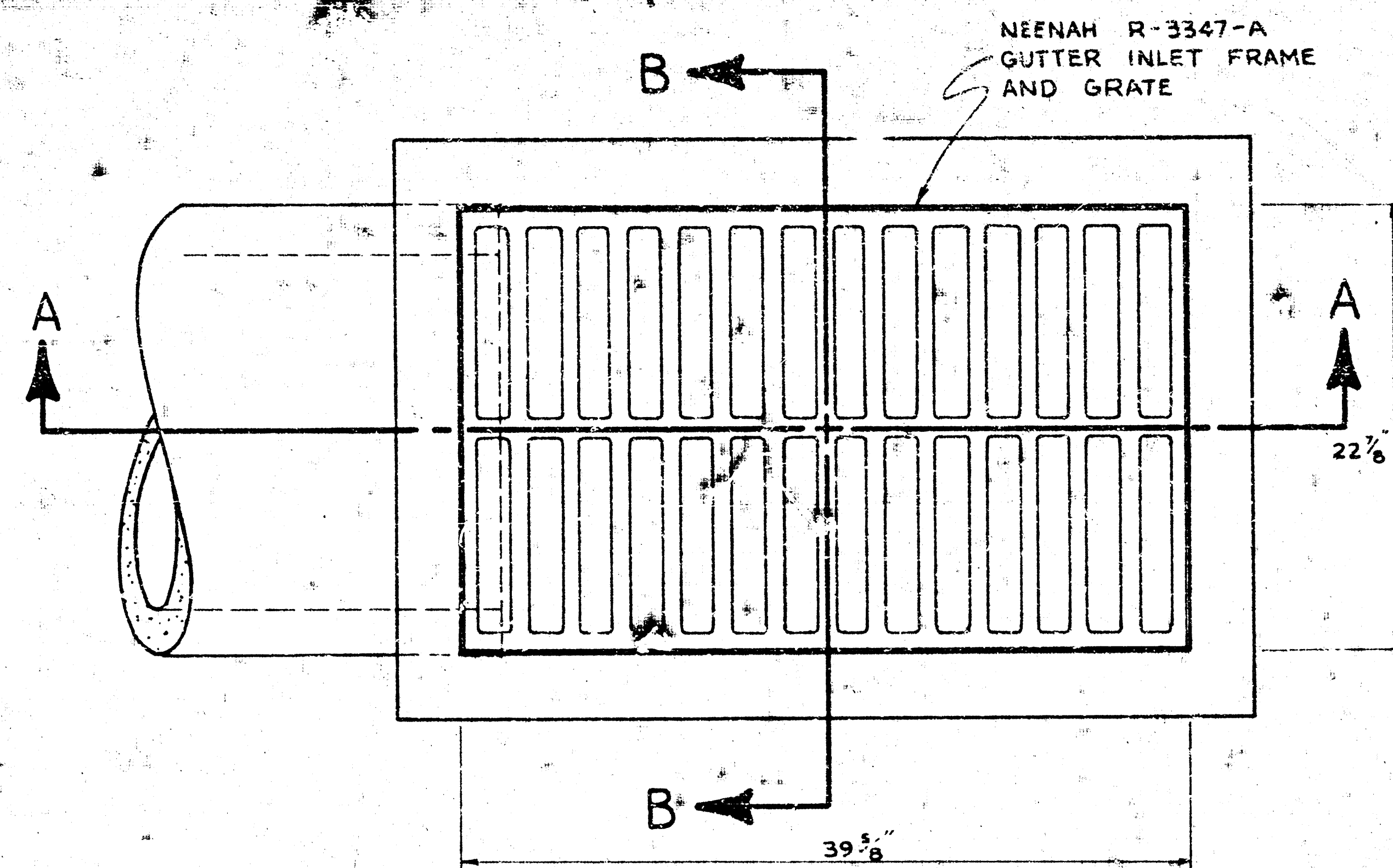
Heavy Duty  
Total Weight 810 Pounds



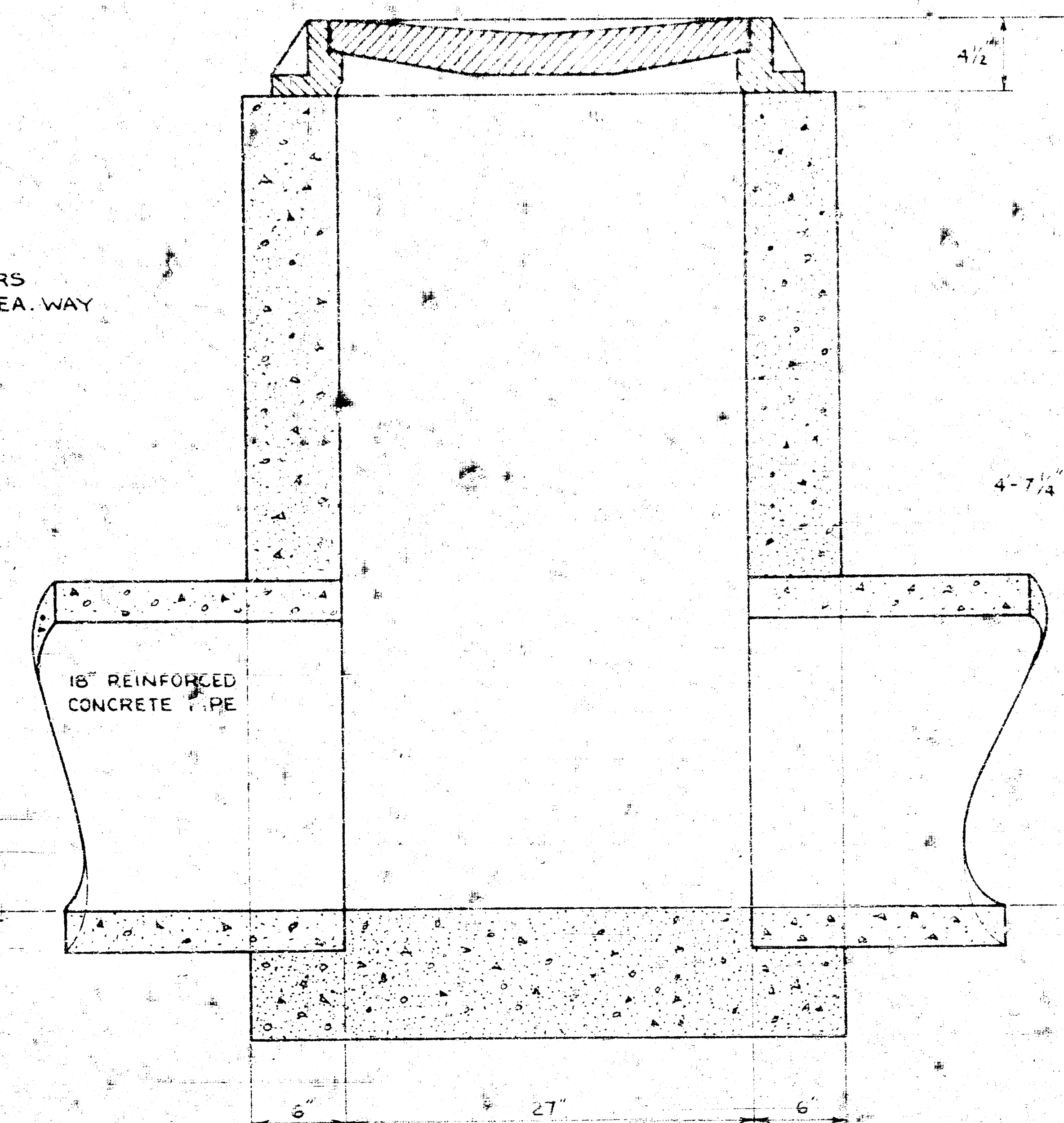
**R-3349-A Concave Gutter Inlet Frame and Grate**

Heavy Duty  
Total Weight 360 Pounds





NOTE:  
FOR GUTTER ELEVATIONS  
AND PIPE INVERTS  
SEE PROFILE SHEET.



GUTTER INLET DETAIL  
TYPE - A  
SCALE 1/2" = 1'-0"

GUTTER INLET DETAIL  
TYPE - B  
SCALE 1/2" = 1'-0"