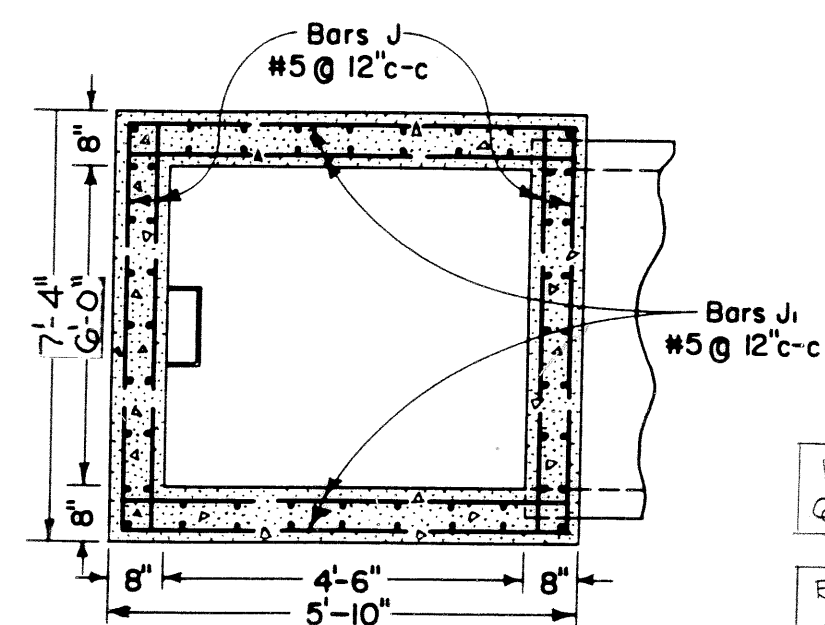
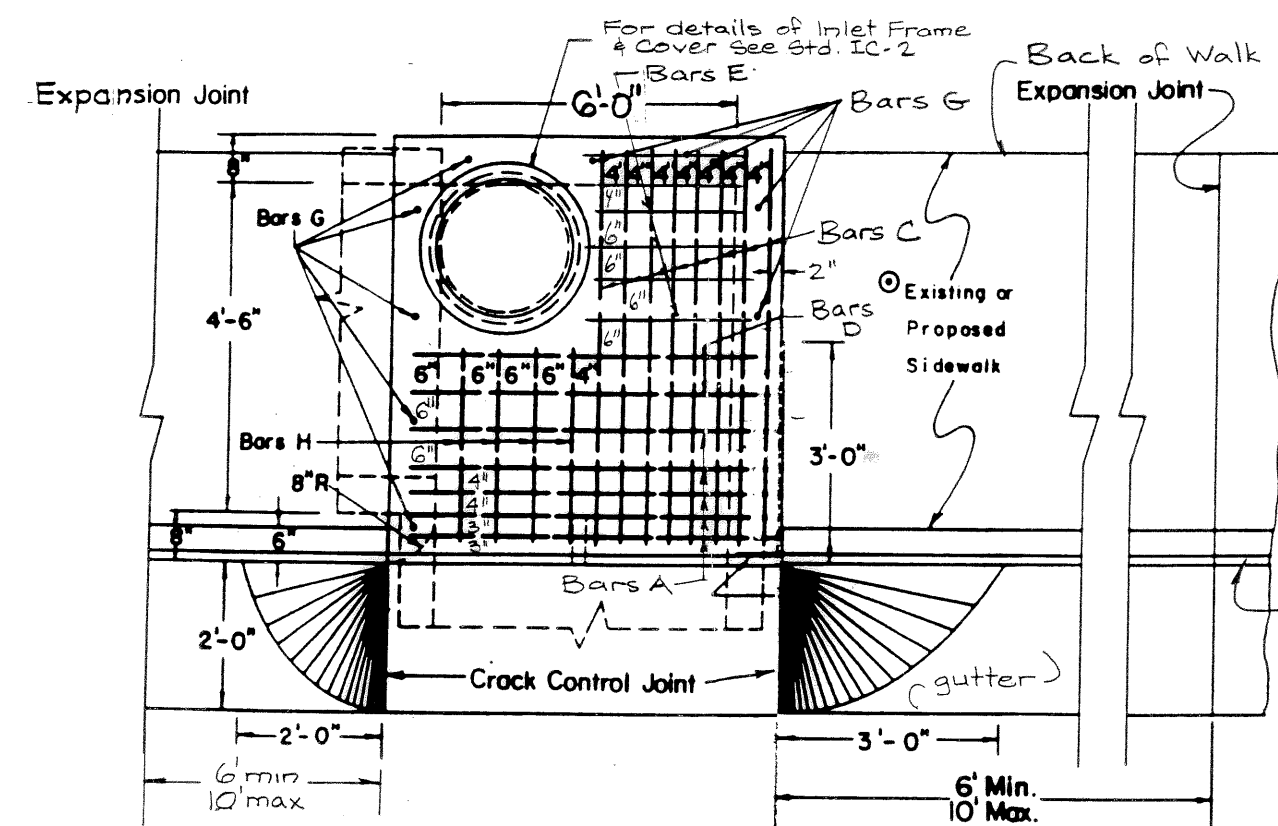


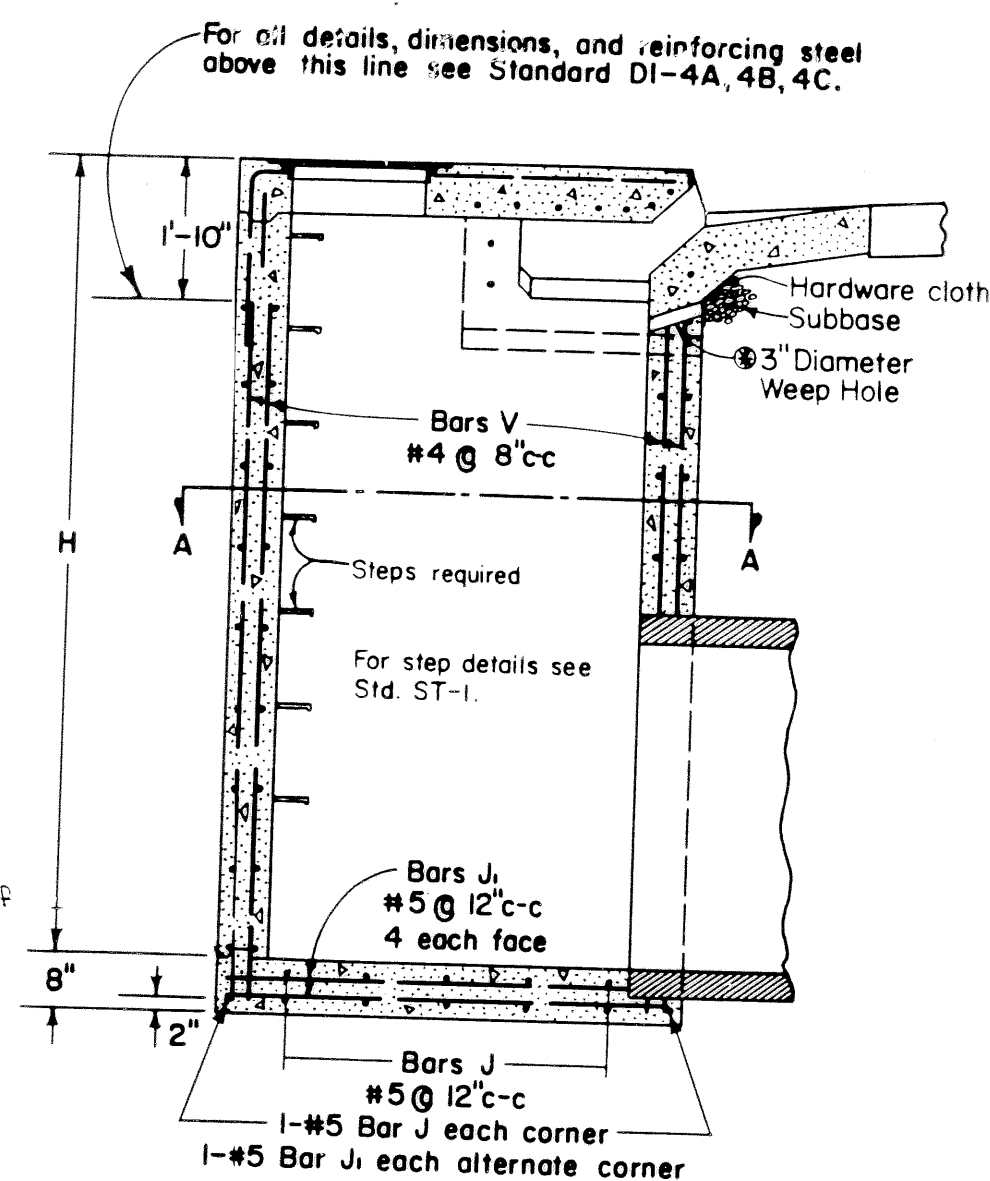
|          |                    |      |
|----------|--------------------|------|
| PLAN     | BY                 | DATE |
|          |                    |      |
| NOTEBOOK | SURVEYED           |      |
|          | PLOTTED            |      |
|          | ALIGNMENT CHECKED  |      |
|          | RT. OF WAY CHECKED |      |

Approximate Quantities :  
725 lbs. reinforcing steel  
8.71 c.y. concrete

#4x8" Smooth dowels at approx. 12" C-C to be placed in all areas adjacent to abutting concrete to prevent settlement



SECTION A-A



Notes: All reinforcing bars to be No. ⑤

All cast in place concrete to be Class A3. For acceptable alternate see Precast Standard Designs.

Concrete quantities shown are for depth (H) of 6'-10' without pipes. The amount displaced by pipes must be deducted to obtain true quantities. For inlets of different depths add or subtract 0.58 cu. yds. of concrete for each foot of difference in depth.

③ 3" diameter weep hole, to be located to drain subbase material. Weep hole with 12" x 12" plastic hardware cloth 1/4" mesh or galvanized steel wire, minimum wire dia. 0.03 inch, number 4 mesh hardware cloth anchored firmly to outside of structure.

|    |             |          |         |        |          |         |
|----|-------------|----------|---------|--------|----------|---------|
| L  | Slot Area   | Concrete | Bars A  | Bars B | Bars C   | Bars D  |
| G' | 2.75 sq.ft. | 5.07 cy  | 5 6'-8" | -      | 12 7'-6" | 2 6'-8" |

|         |        |          |         |        |          |          |
|---------|--------|----------|---------|--------|----------|----------|
| Bars E  | Bars F | Bars G   | Bars H  | Bars J | Bars J1  | Bars V   |
| 4 4'-1" | -      | 13 1'-0" | 4 2'-8" | 24 7'  | 22 5'-6" | 68 1'-4" |

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

| REVISED            | FHWA<br>REGION | STATE | FEDERAL AID | STATE |                    | SHEET<br>NO. |
|--------------------|----------------|-------|-------------|-------|--------------------|--------------|
|                    |                |       | PROJECT     | ROUTE | PROJECT            |              |
| 5-15-93<br>1-27-94 | 3              | VA.   |             | 11    | 0011-080-F05 C-502 | 2M           |