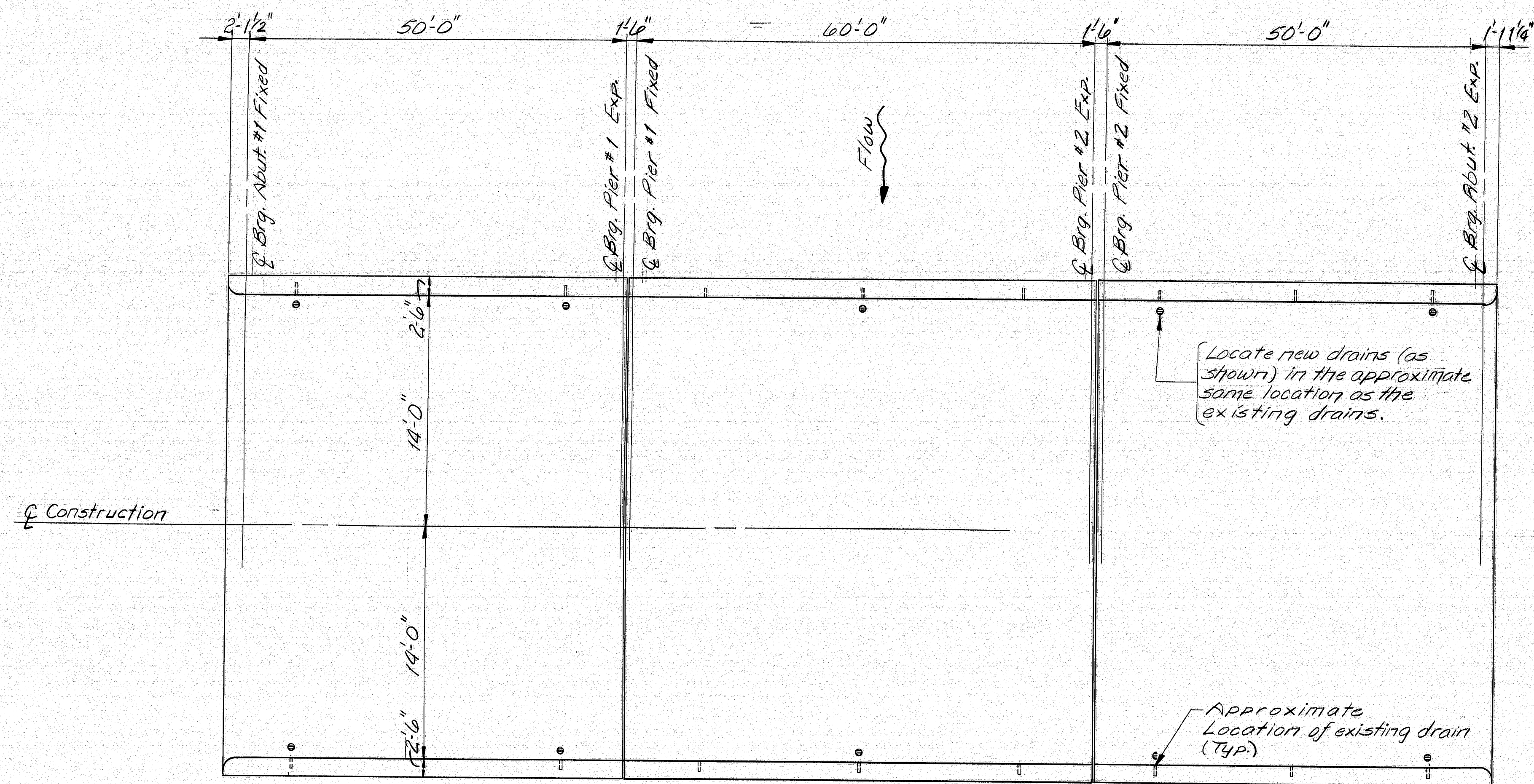
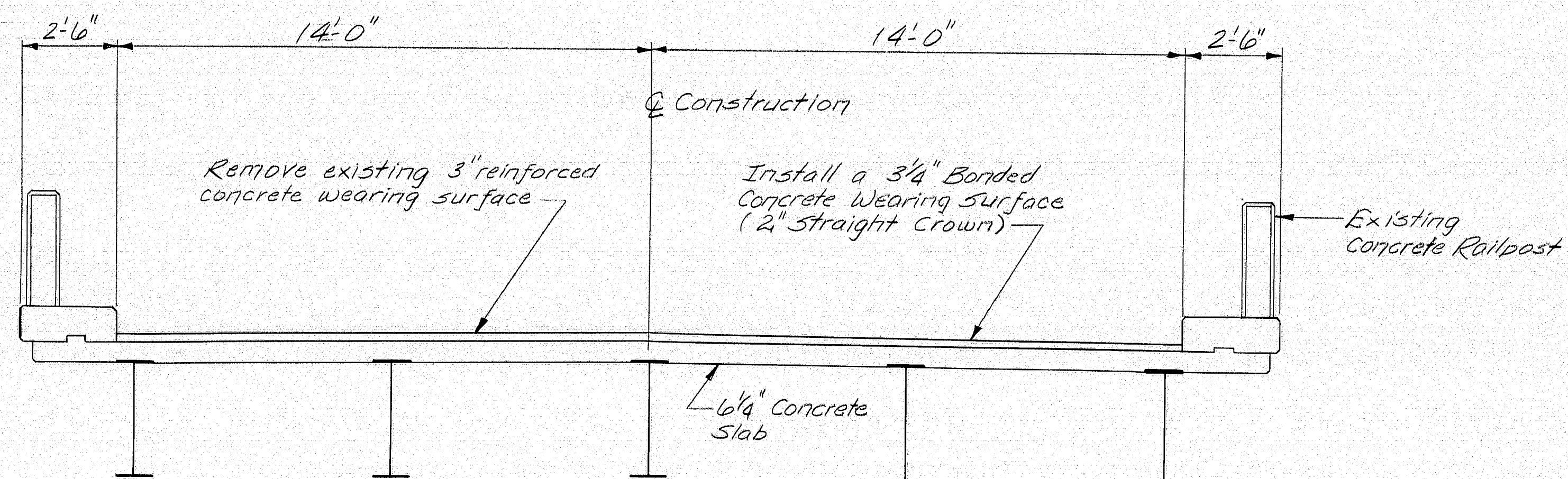


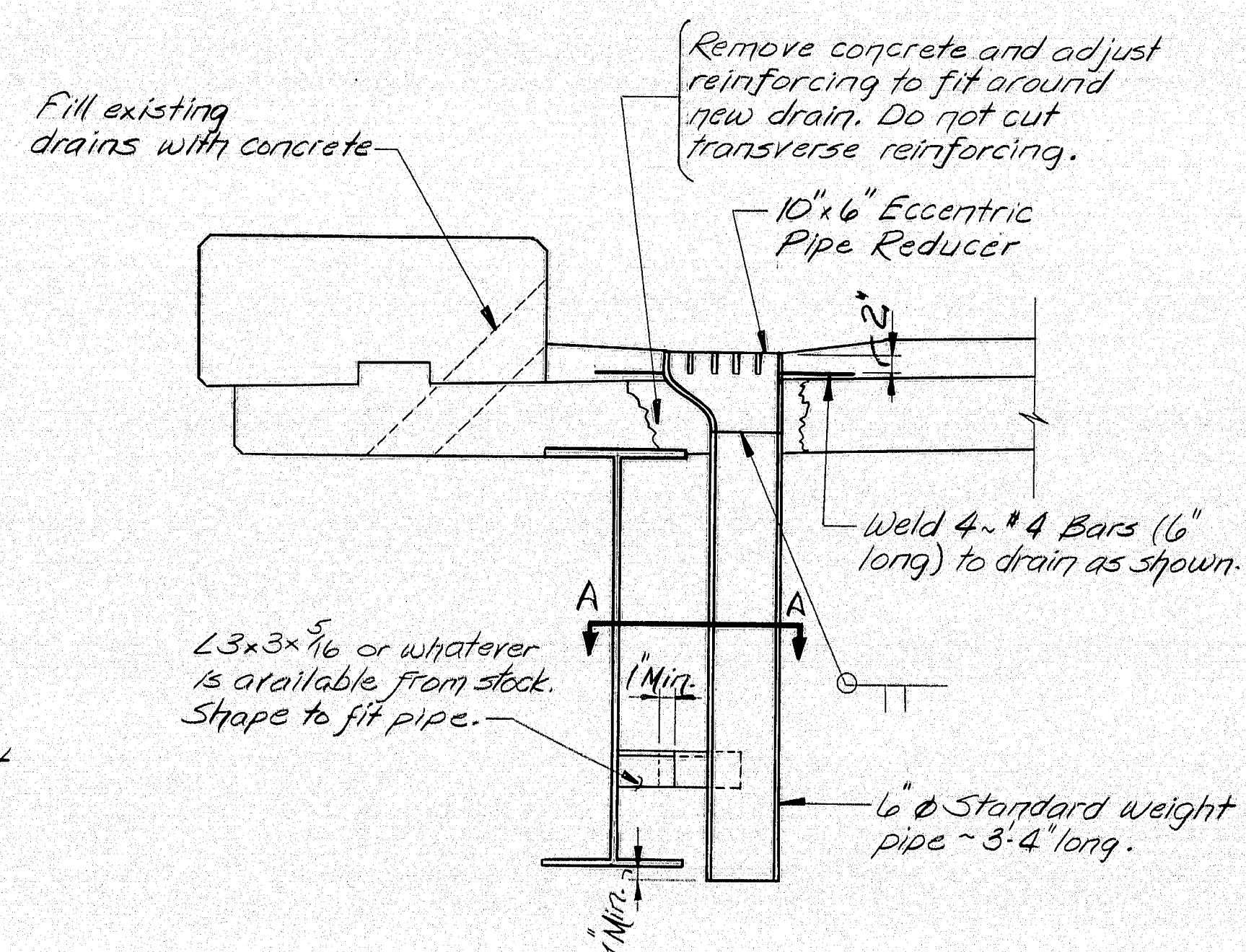
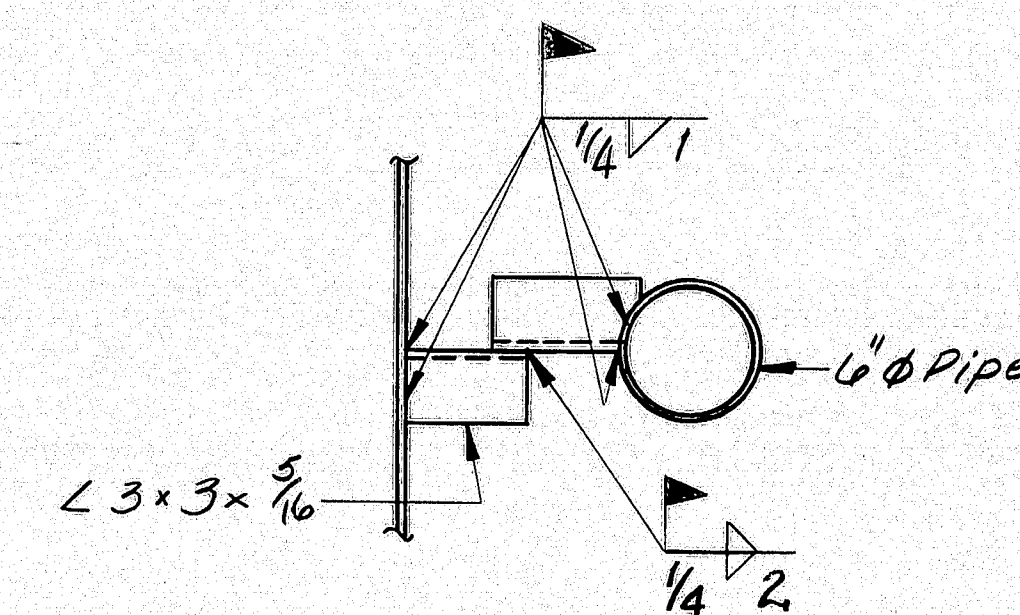
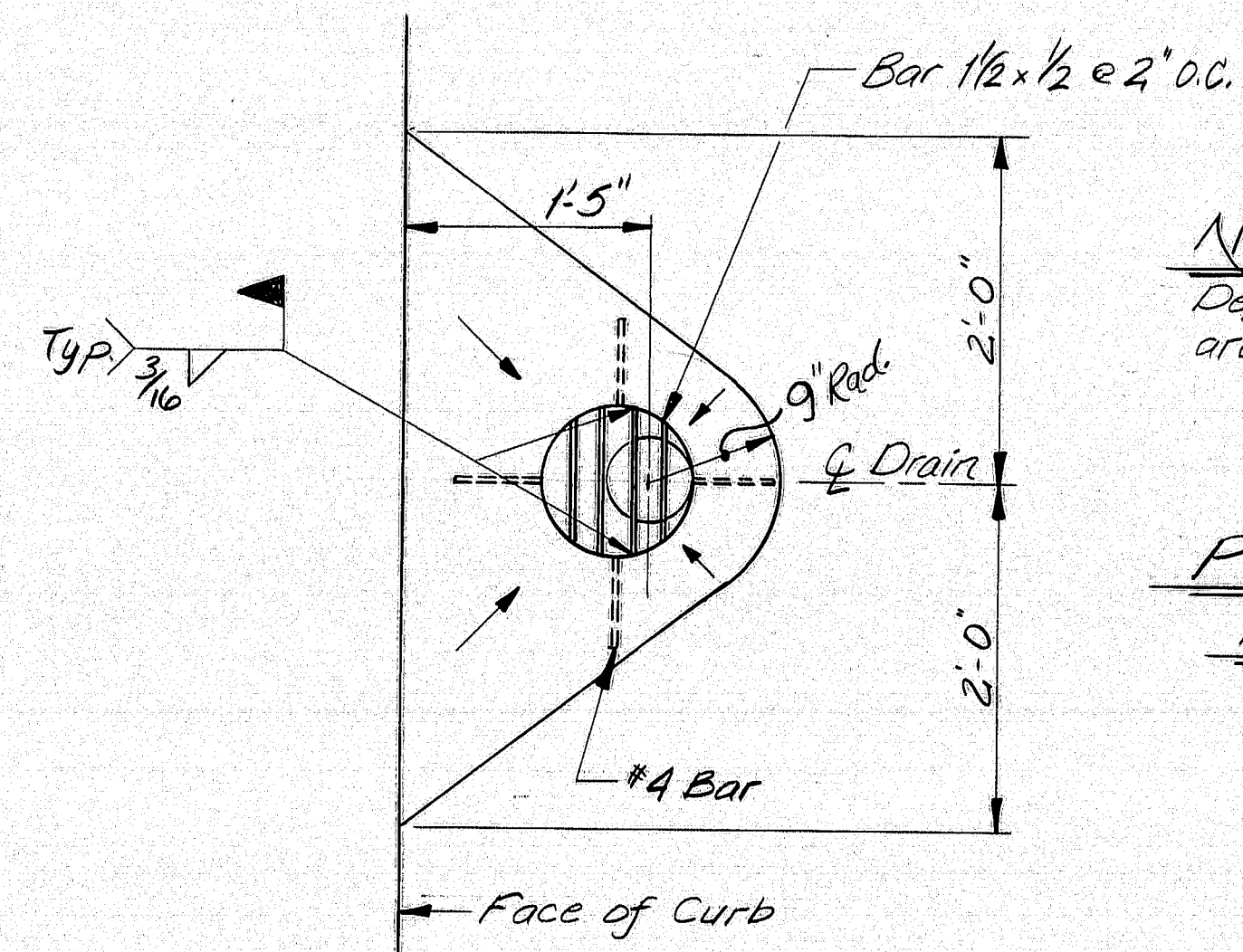
| F.H.A.<br>REQ. NO. | STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|----------------|-----------|--------------|
| 1                  | MAINE | 5326           | 7         | 7            |



PLAN



TRANSVERSE SECTION



PIPE DRAIN DETAIL

#### BONDING GROUT NOTES

The deck surface must be thoroughly sandblasted and cleaned to remove all dust or loose materials immediately before bonding grout is placed.

Deck surface to be surface dry with no standing water in pockets or low areas when bonding grout is applied.

The bonding grout shall consist of equal parts by weight of Portland Cement and concrete sand with the plus #8 material removed and mixed with enough water to give a thick, creamy consistency.

Bonding grout to be evenly broomed onto the concrete surface ensuring that the entire surface, including face of curb to the finish grade of the wearing surface, is coated and that no excess grout collects in low spots or pockets. Grout shall be thoroughly broomed under and around reinforcing bars.

Rate of application must be controlled so that the grout does not dry before the new concrete is placed.

#### GENERAL NOTES

1. Remove existing wearing surface.
2. If main reinforcing steel is exposed, concrete should be removed under the steel to a depth of 1" minimum.
3. Blast clean the slab before any placement of bonding grout or concrete. Note: SLAB IS TO BE SURFACE DRY BEFORE PLACEMENT OF BONDING GROUT.
4. Broom on a layer of bonding grout just prior to placing concrete. See bonding grout notes this sheet.
5. Concrete to be cured using burlap and water.
6. Concrete to be Class "V" and aggregate to be crushed ledge.
7. Minimum cover to be 2" unless otherwise noted.
8. Chamfer all exposed edges of concrete 1/2" unless otherwise noted.

#### SCOPE OF WORK

Remove existing concrete wearing surface. Clean and sand blast deck as noted. Install a 3 1/4" Bonded concrete wearing surface. Repair wings if necessary. Paint steel as necessary.

#### MATERIALS

- 50 c.y. of wearing surface concrete
- 10 Ea. Standard Pipe Drains

111-62

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
PENNAQUAN BRIDGE  
OVER  
PENNAQUAN RIVER  
IN  
PEMBROKE  
WASHINGTON COUNTY  
GENERAL PLAN  
SHEET 7 OF 7 AUGUSTA, MAINE MAR 1989

|                         |     |      |
|-------------------------|-----|------|
| PROJECT DESIGN ENGINEER | BY  | DATE |
| PLANS                   | LSB | 5-85 |
| DESIGN DETAIL           |     |      |
| REVISIONS               |     |      |
| FIELD CHANGES           |     |      |

BRUNING 457101