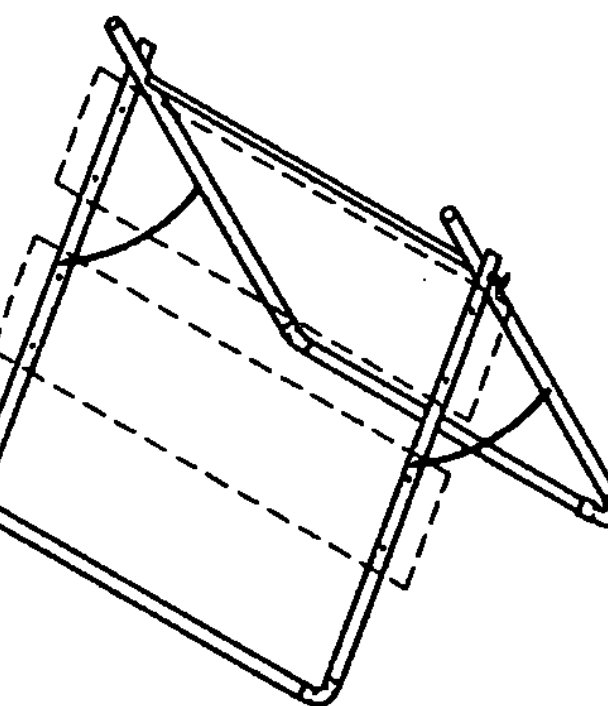
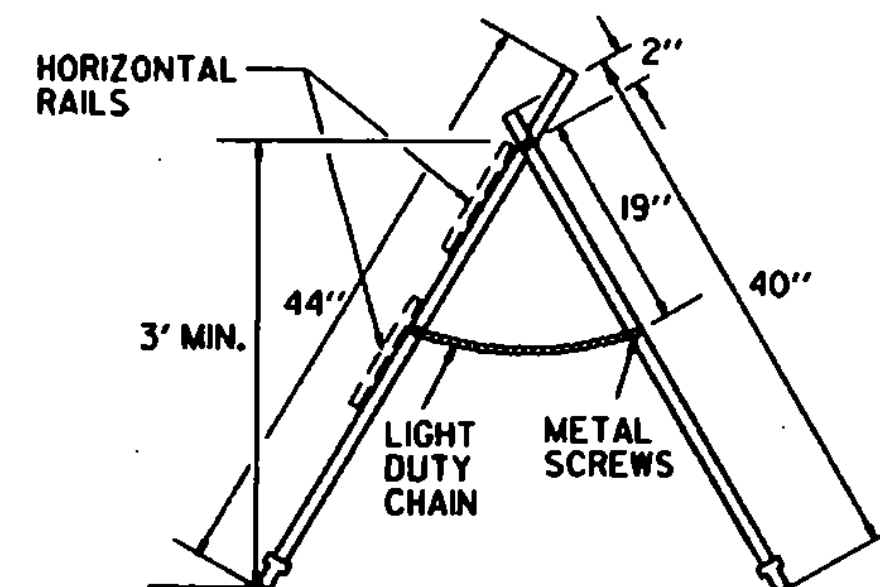
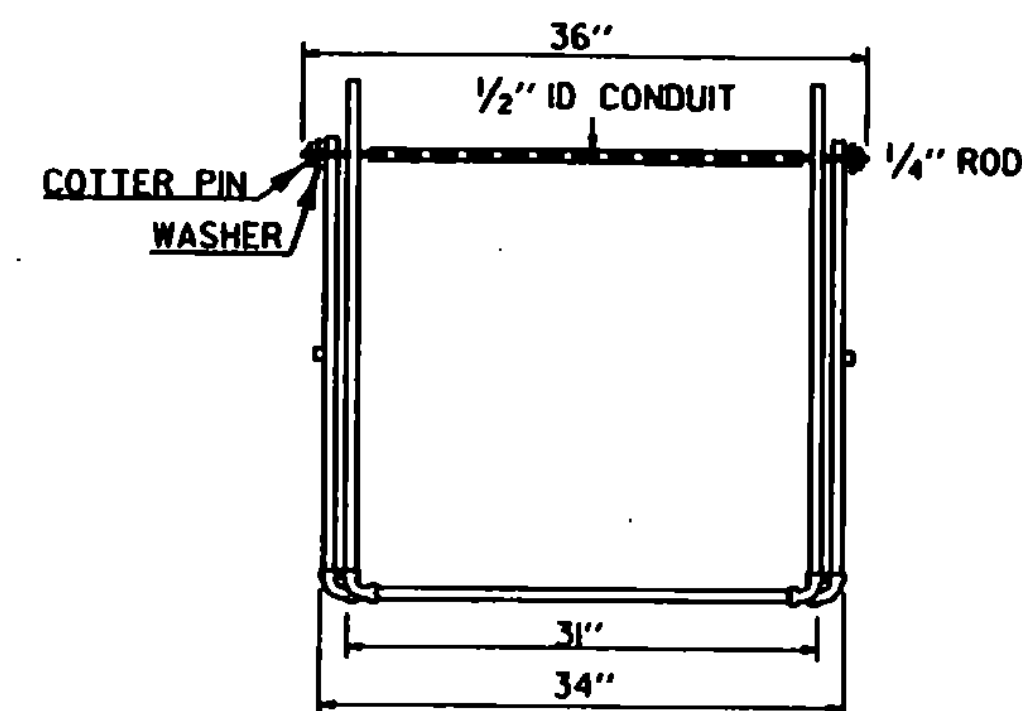
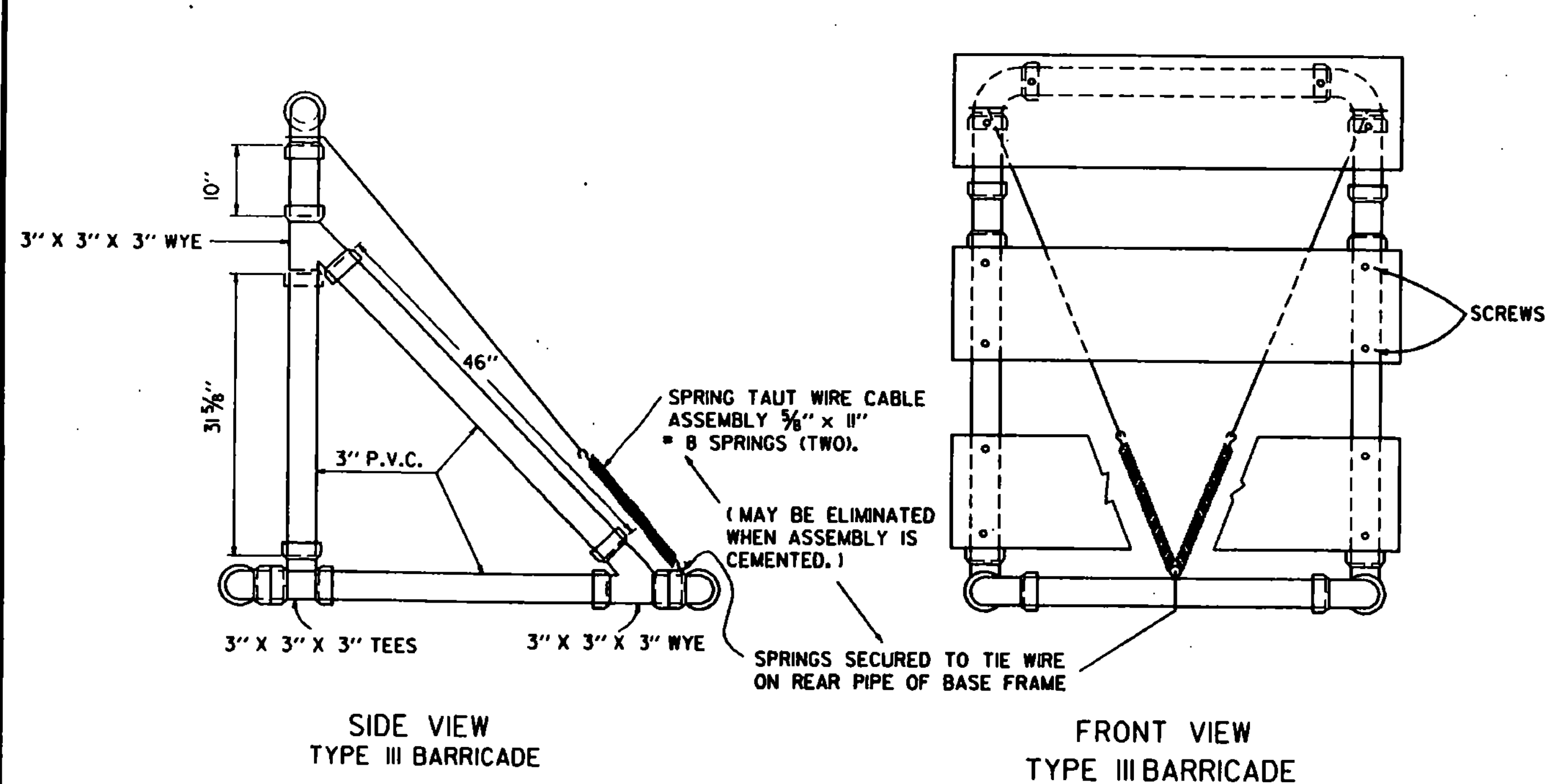




TYPE I AND II BARRICADE DETAIL

MATERIALS

THE PIPE, WYES, TEES AND ELBOWS USED TO CONSTRUCT BARRICADES SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 224 FOR P.V.C. 1120 OR 1220 SDR-21, PRESSURE RATING 200 PSI. THE WYES, TEES AND ELBOWS SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 2466, TYPE II, GRADE I. ALL JOINTS SHALL BE SLIP-FIT AND MAY BE LIGHTLY CEMENTED. THE BARRICADE RAILS SHALL BE FABRICATED FROM 0.025\"/>

MAINTENANCE

BARRICADES SHALL BE MAINTAINED IN CLEAN CONDITION SATISFACTORY TO THE ENGINEER. THEY SHALL BE COMPLETELY VISIBLE TO APPROACHING TRAFFIC AT ALL TIMES. DAMAGED, DEFACED, OR DIRTY BARRICADES SHALL BE REPAIRED, CLEANED OR REPLACED AS ORDERED BY THE ENGINEER. THE P.V.C. PIPE AND FITTINGS SHALL BE WHITE IN COLOR. AT LEAST TWO (2) HOLES SHALL BE DRILLED (5/16\"/>

BARRICADES SHALL BE STABILIZED WITH SAND BAGS OF MINIMUM WEIGHT WHICH WILL NOT CONSTITUTE A HAZARD IF THE BARRICADE IS HIT. THESE SHALL BE PLACED ONLY ON THE FRONT AND REAR PIPES OF THE BASE FRAME OF THE BARRICADE. SAND BAG STABILIZERS SHALL BE SO PLACED AS NOT TO BE A HAZARD TO VEHICLES PASSING ON EITHER SIDE. IF BARRICADE REPLACEMENT COSTS CAN BE CONSIDERED NEGLIGIBLE, GLUED JOINTS MAY PROVIDE ADDITIONAL STABILITY TO THE INSTALLATION.

TYPE I BARRICADES SHALL UTILIZE ONE HORIZONTAL RAIL.

TYPE II BARRICADES SHALL CONSIST OF AN ADDITIONAL HORIZONTAL RAIL MOUNTED BELOW THE OTHER.

TYPE III BARRICADES (MODIFIED) SHALL CONSIST OF THE BREAKAWAY 3\"/>

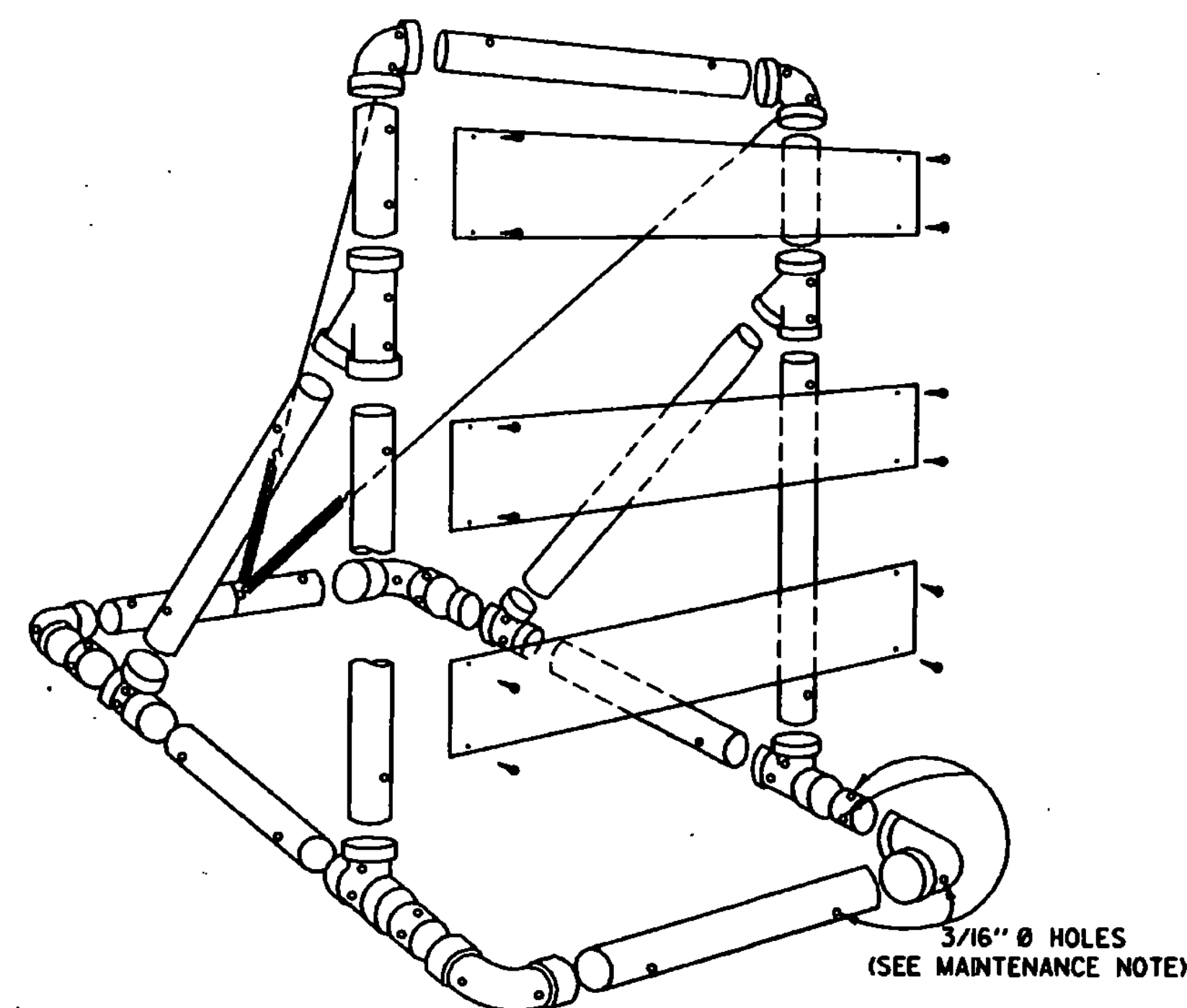
SEE STD E-107 FOR ADDITIONAL INFORMATION.

MATERIALS FOR TYPE I AND II BARRICADES

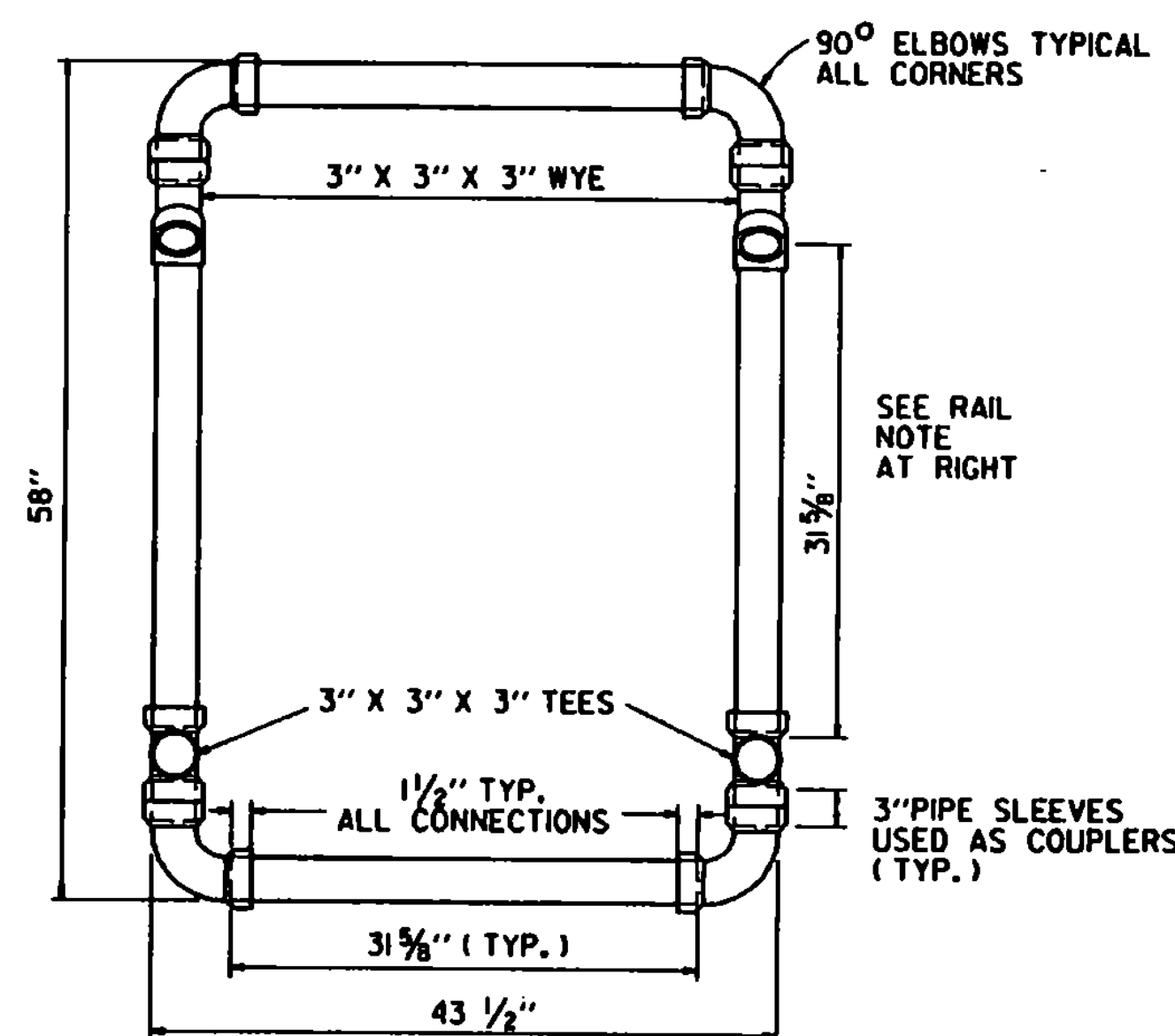
20' - 1\"/>

MATERIALS FOR TYPE III BARRICADE

30' - 3\"/>

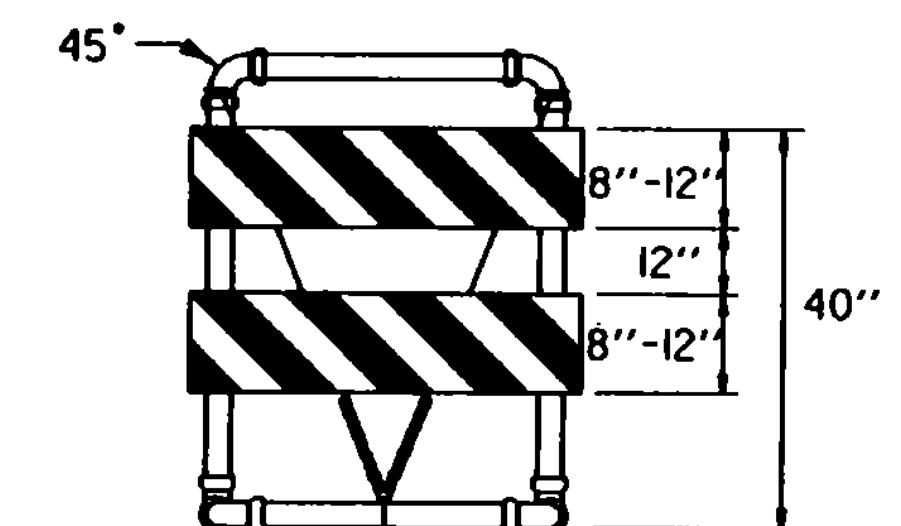


TYPE III BARRICADE ASSEMBLY
EXPLODED VIEW



TYPE III BARRICADE

TOP VIEW OF
BASE



TYPE III (MODIFIED) BARRICADE
(STRIPING DOWN WHERE TRAFFIC PASSES ON RIGHT).

SEE STANDARD E-107 FOR RAIL DETAILS.
RAILS ATTACHED WITH 1\"/>

REVISIONS AND CORRECTIONS

APPROVED

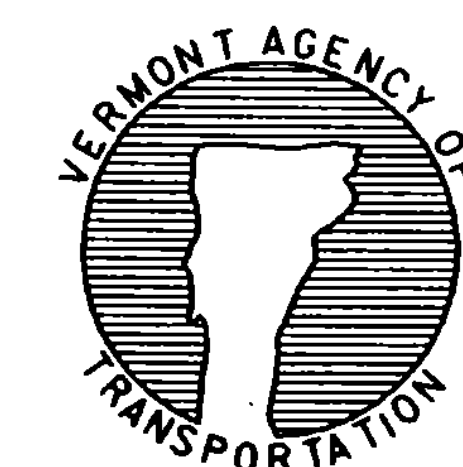
SEPT. 10, 1987
DATE

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CHIEF ENGINEER

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BREAKAWAY BARRICADE DETAILS



STANDARD
E-107a