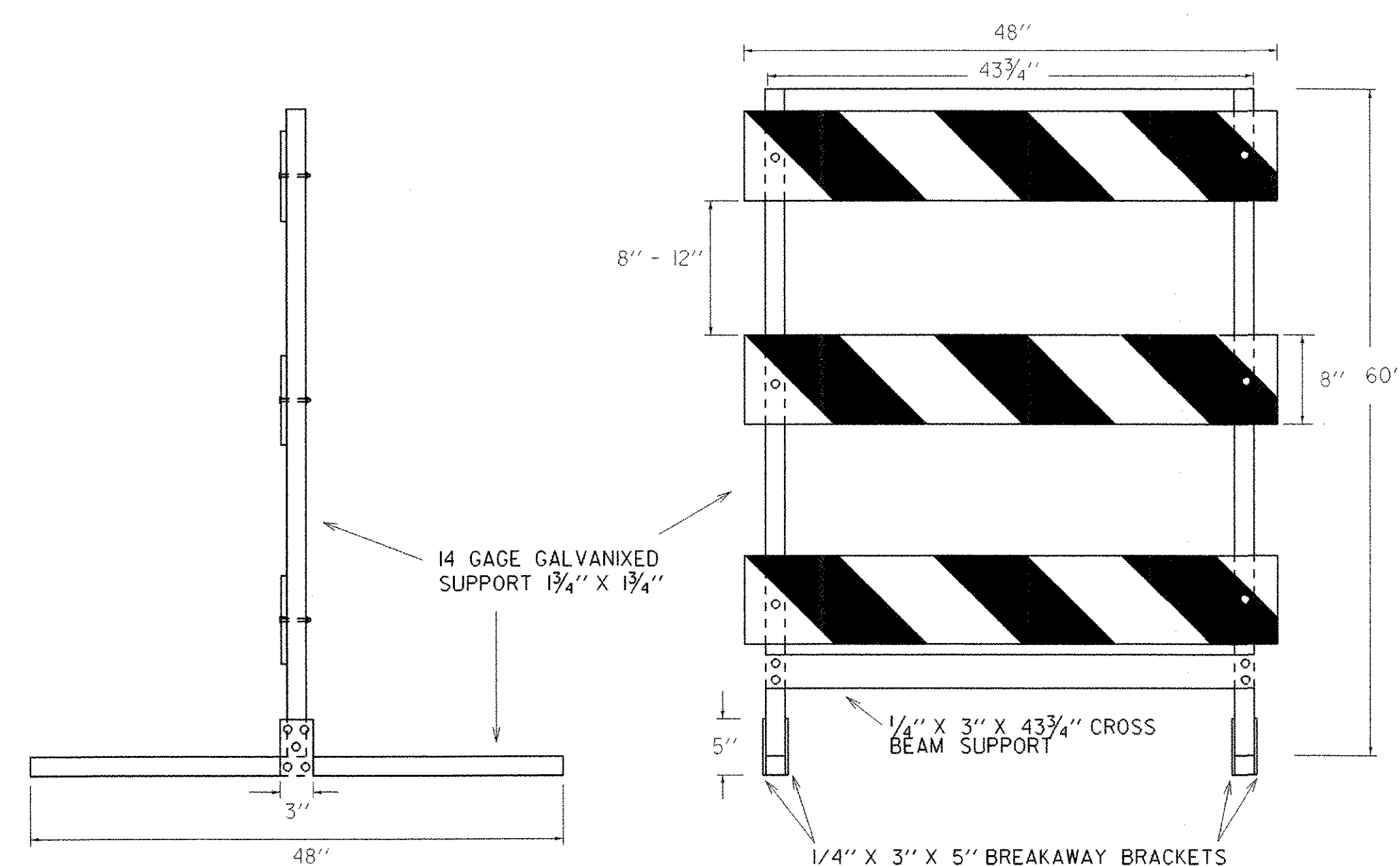
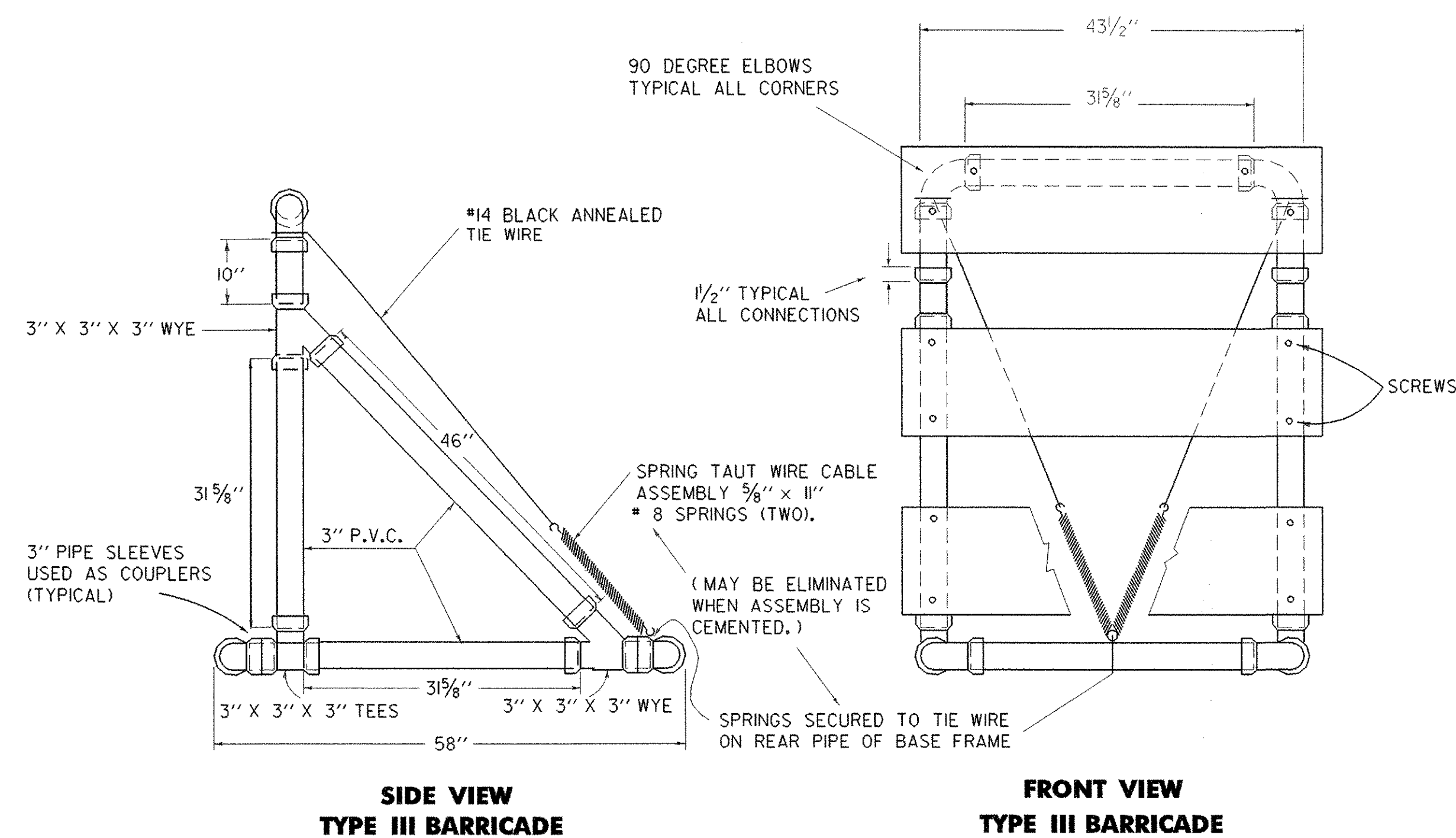
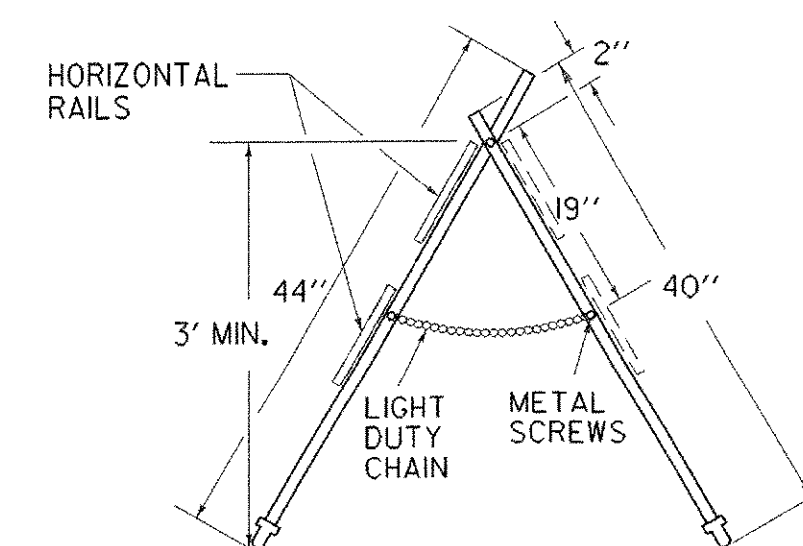
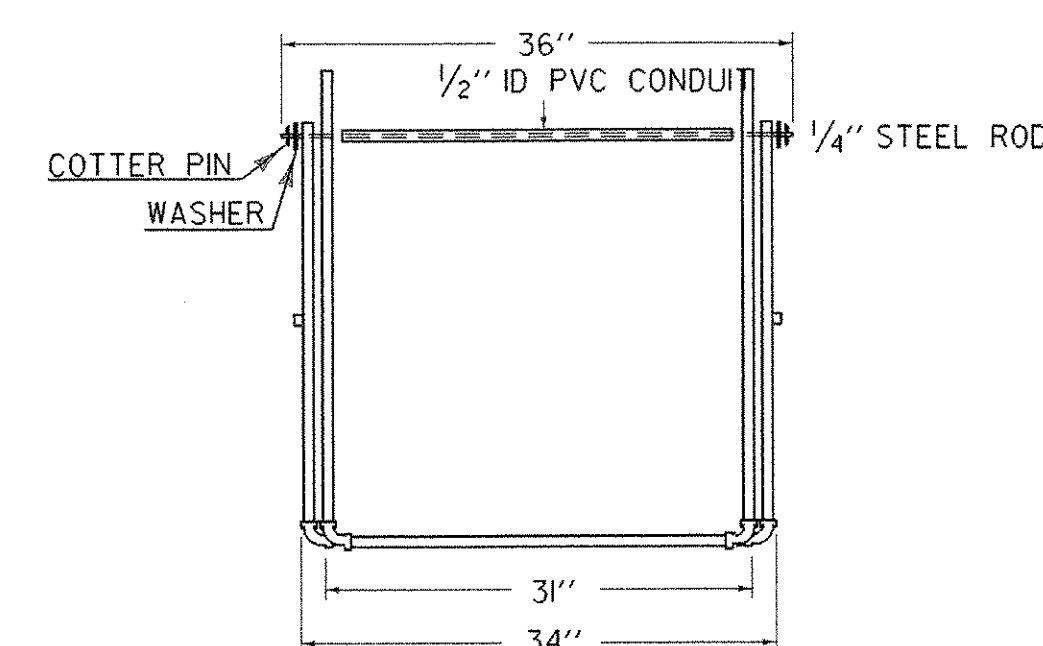




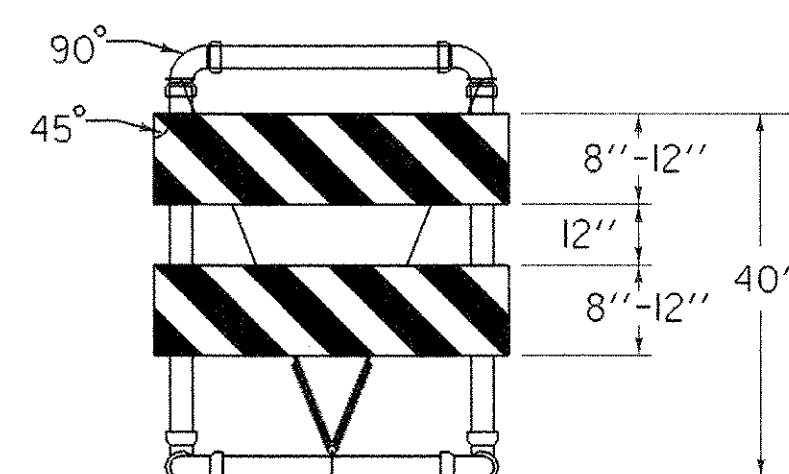
- MATERIALS FOR TYPE I AND II BARRICADES
- 20' - 1" PVC
4 - 1" PVC 90° ELBOWS
30" - 1/2" ID THINWALL PVC CONDUIT
36" - 1/4" STEEL ROD
4 - 1" WASHERS
24" - LIGHT DUTY CHAIN
1/2" - #14 PAN HEAD METAL SCREWS (AS REQUIRED)
2 - 3/4" COTTER PINS
2 OR 4 - 8" OR 12" X 36" X 0.025 "
BARRICADE RAILS (AS REQUIRED)



- | MATERIALS FOR TYPE III BARRICADES | | |
|-----------------------------------|----------|-------------------------------|
| 30 | LF - 3'' | 1.0. PVC PIPE |
| 6 | 3'' | 90° ELBOWS |
| 2 | 3'' | TEES |
| 4 | 3'' | WYES |
| 3 | 8'' | OR 12'' X 48'' X 0.025'' |
| BARRICADE RAILS | | |
| 2 | 5/8'' | X 1 1/2'' SPRING |
| | | (IF ASSEMBLY IS NOT CEMENTED) |
| 12 | 1 1/2'' | PAN HEAD METAL SCREWS |
| 15 | LF - #14 | BALCK ANNEALED TIE WIRE |
| | | (IF ASSEMBLY IS NOT CEMENTED) |



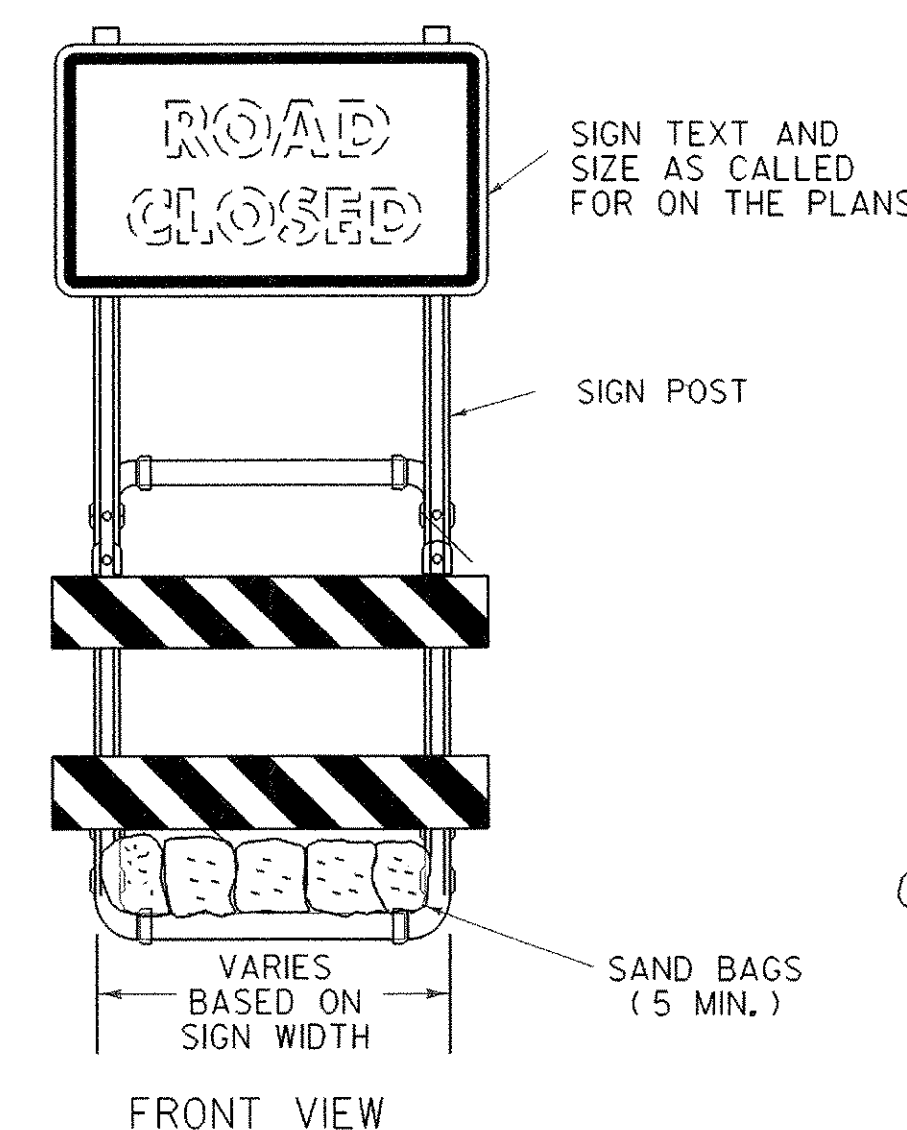
TYPE I AND TYPE II BARRICADE



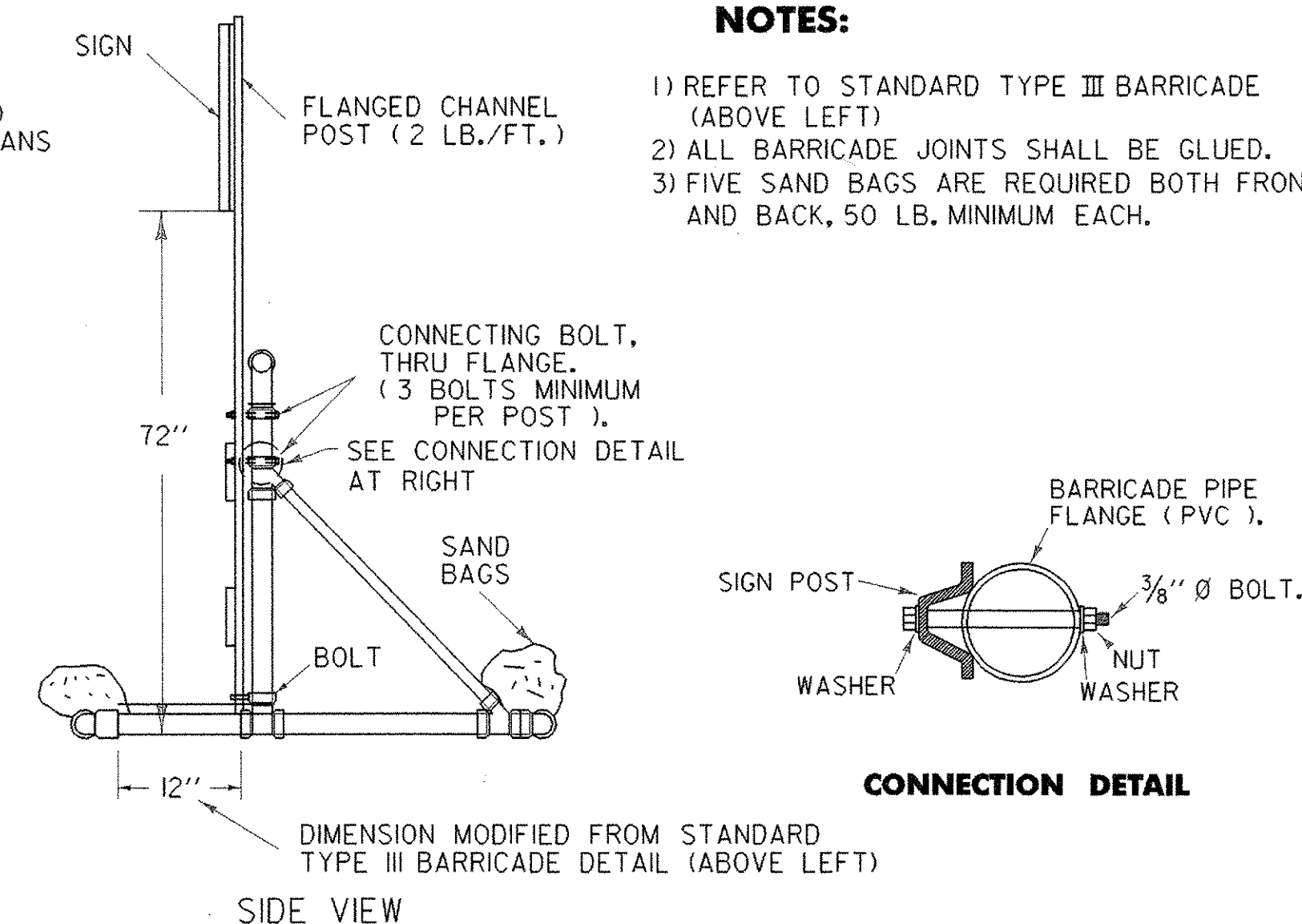
TYPE III (MODIFIED) BARRICADE
(STRIPING IS SHOWN WITH TRAFFIC PASSING TO THE RIGHT).

- MATERIALS FOR METAL TYPE III BARRICADES
- PANELS (3):
8' X 48' GALVANIZED STEEL...COVERED
1 OR 2 SIDES WITH WHITE/ORANGE, DIAGONALLY
STRIPED REFLECTIVE SHEETING
- VERTICAL SUPPORTS (2): 14 GAGE GALVANIZED
TUBING 1 3/4" X 1 3/4" X 60"
- HORIZONTAL SUPPORTS (2): 14 GAGE GALVANIZED
TUBING 1 3/4" X 1 3/4" X 48"
- CROSS BEAM SUPPORT (1): COLD GALVANIZED
STEEL 1/4" X 3" X 43 3/4"
- BREAKAWAY BRACKETS (4): COLD-GALVANIZED
STEEL 1/4" X 3" X 5"

- FASTENERS:
 6 - SHEAR BOLTS WITH LOCK NUTS 1/4" D X 2 3/4"
 6 - FULCRUM BOLTS WITH LOCK NUTS 3/8" D X 2 3/4"
 4 - FASTENER BOLTS WITH LOCK NUTS 3/8" D X 2 3/4"
 6 - PANEL BOLTS WITH LOCK NUTS AND WASHERS
 1/4" D X 2"
 ALL FASTENERS GALVANIZED STEEL.
 ALL BOLTS HFZ HFAN.



SIGN MOUNTING ON TYPE III BARRICADE (MODIFIED)



NOTES:

- 1) REFER TO STANDARD TYPE III BARRICADE (ABOVE LEFT)
- 2) ALL BARRICADE JOINTS SHALL BE GLUED.
- 3) FIVE SAND BAGS ARE REQUIRED BOTH FRONT AND BACK, 50 LB. MINIMUM EACH.

OTHER STDS. E-107
REQUIRED:

REVISIONS AND CORRECTIONS

SEPT. 10, 1987 - ORIGINAL APPROVAL DATE

SEPT. 20, 1993 - REVISED NOTES AND TYPE III (MOD.)
BARRICADE DETAIL

AUG. 08, 1995 - ADDED METAL TYPE III BARRICADE

JUN. 08, 2009 - MINOR CORRECTIONS

APPROVED

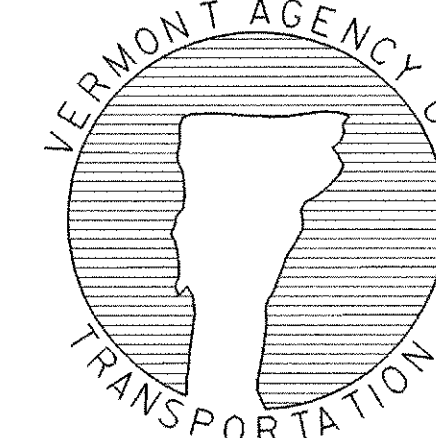
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BREAKAWAY BARRICADE DETAILS

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/traf/std/stdel07a.dgn : stdel07a.i
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STANDARD E-107 A