

STANDARD NO. PS-3

REVISION DATE
7-13-01

*.DGN FILE NAME
PS-3

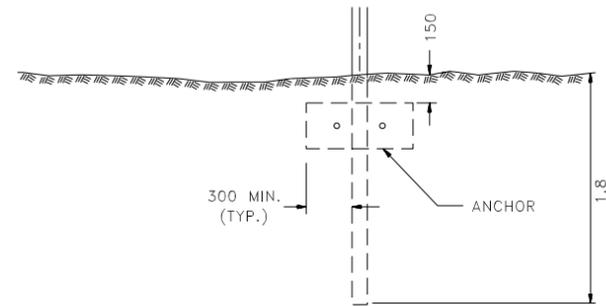
METRIC STANDARD PLANS

STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

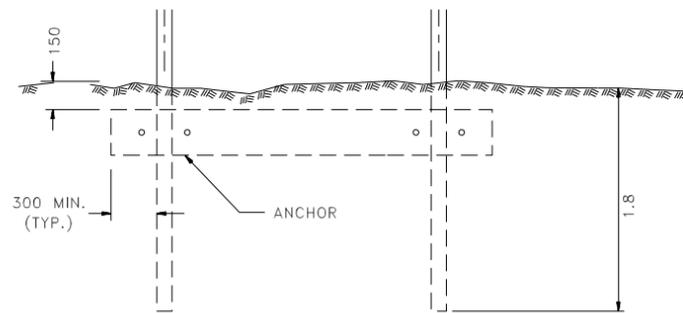


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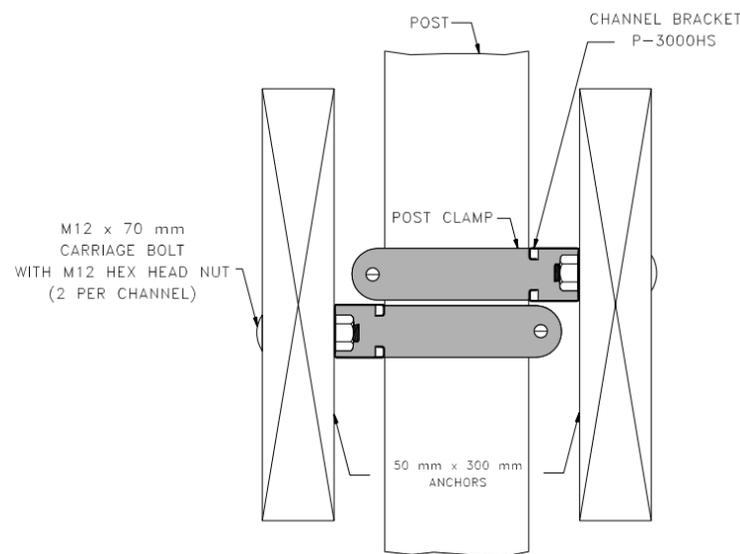
DIRECT BURIED



SINGLE POST

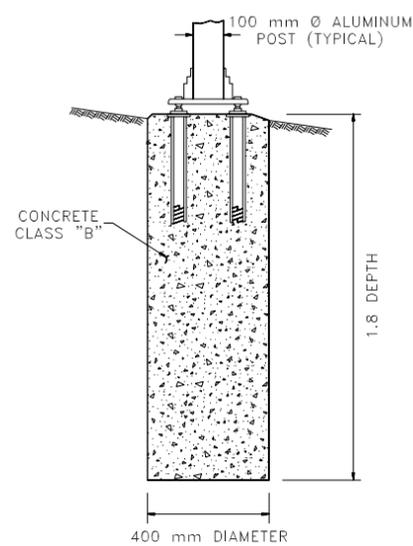


DOUBLE POST

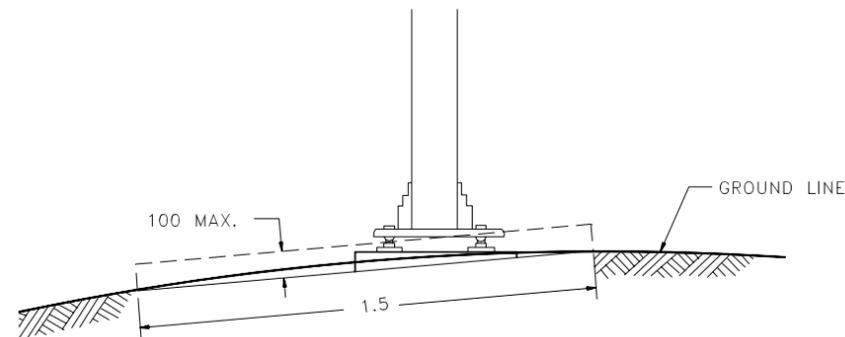


ANCHOR DETAIL

BREAKAWAY



FOOTING DETAIL



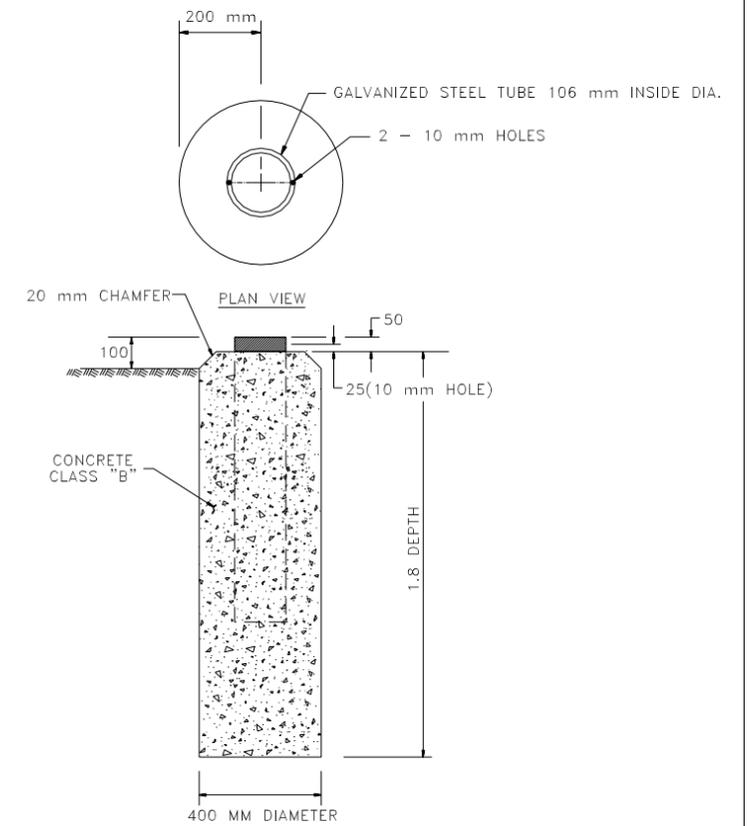
MAXIMUM BREAKAWAY STUB HEIGHT

BREAKAWAY SUPPORTS PLACED ON ROADSIDE SLOPES SHALL NOT ALLOW IMPACTING VEHICLES TO SNAG ON EITHER THE FOUNDATION OR ANY SUBSTANTIAL REMAINS OF THE SUPPORT. SURROUNDING TERRAIN SHALL BE GRADED TO PERMIT VEHICLES TO PASS OVER ANY NON-BREAKAWAY PORTION OF THE SIGN INSTALLATION WHICH REMAINS IN THE GROUND OR RIGIDLY ATTACHED TO THE FOUNDATION.

U-CHANNEL

1. U-CHANNEL POST SHALL NOT BE SPICED AND DO NOT REQUIRE CHANNEL BRACKETS.
2. U-CHANNEL POSTS SHALL BE INSTALLED 900 mm OR GREATER BELOW EXISTING GROUND.

CONCRETE BASE



NOTES:

1. GALVANIZED STEEL TUBE 106 mm I.D. X 1.2 m/6 mm WALL.
2. CONCRETE CLASS B.
3. TOP TO HAVE TROWEL FINISH.
4. USE 7.8 mm x 138 mm LONG STAINLESS STEEL BOLT WITH STAINLESS STEEL NYLON INSERT NUT FOR SECURING POST.
5. ALUMINUM CAP SHALL BE INSTALLED ON THE TOP OF THE SIGN POST WITH THIS INSTALLATION.

PRECAST CONCRETE BASE

GENERAL NOTES

1. SIGN HEIGHT AND LATERAL CLEARANCE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.
2. ANCHORS: USE 2 PIECES OF 50 mm x 300 mm ROUGH PLANK (PRESSURE TREATED) CLAMPED TO POST WITH A MINIMUM OF 300 mm OVERHAND, TO BE PARALLEL WITH GROUND LINE.
3. MULTIPLE POST SIGNS MUST BE PROTECTED BY GUARDRAIL OR OTHER POSITIVE BARRIER, UNLESS BREAKAWAY MOUNTED.
4. THE MINIMUM HORIZONTAL CLEARANCE TO THE NEAR EDGE OF ANY MULTIPLE POST NON-BREAKAWAY MOUNT SIGN SHALL BE 2.1 m MIN. FROM FACE OF BEAM GUARDRAIL. OTHER TYPES OF GUARDRAIL OR BARRIER MAY REQUIRE A GREATER OFFSET.
5. SEE SIGN TEXT LAYOUT SHEETS IN PLANS FOR ACTUAL SIGN SIZES AND POST TYPES.

PERMANENT SIGNING STANDARD

TUBULAR / U-CHANNEL POST DETAIL

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

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