BREAKAWAY TYPE C SIGN POST FOUNDATION

GROUN DLINE

4" MAX. PROJECT I ON

SEE NOTE 2

SEE NOTE 2

$3"$ MIN. $3"$ MIN. $1"$

TOP 12" TO BE FORMED

H (SEE NOTE 4)

SECTION A-A

ANCHOR DETAILS

FOR BREAKAWAY BASE DETAILS, REFER TO
BREAKAWAY BASE SUPPORT SYSTEM FOR
HIGHWAY SIGNS STANDARD PLATES.

REINFORCING STEEL DETAILS

REFER TO GALVANIZED STEEL BEAM SIGN POSTS
FOUNDATION DETAILS – TYPE A STANDARD PLATE
FOR REINFORCING STEEL DETAILS.

PLAN VIEW

3" MIN. FOR 30" DIA.
10" MIN. FOR 36" & 42" DIA.

ANCHOR BOLT (TYP.)

NOTES:

1. THIS FOUNDATION SHALL BE USED ONLY IN LOCATIONS MEETING SLOPE CRITERIA IN ACCORDANCE WITH THE
   STEEL BREAKAWAY SUPPORT FOUNDATION SELECTION TABLE ON THE SN-4 SHEET.
2. SLOPED PORTIONS OF THE FOUNDATION SHALL MATCH THE FINISHED GROUND SLOPE.
3. ON FILL SLOPES GREATER THAN 6:1 BUT NO STEEPER THAN 3:1, FOUNDATIONS DESIRABLY SHOULD BE INSTALLED A MINIMUM
   OF 14 FT BEYOND THE HINGE POINT. THE HINGE POINT IS THE POINT OF SLOPE TRANSITION FROM THE SHOULDER SLOPE,
   OR A RELATIVELY FLAT RECOVERY AREA ADJACENT TO THE ROADWAY, TO A STEEPER FORESLOPE, (ALSO KNOWN AS THE
   FORESLOPE BREAK).
4. REFER TO GALVANIZED STEEL BEAM SIGN POSTS FOUNDATION DETAILS – TYPE A FOR FOUNDATION DIMENSIONS
   AND REINFORCING STEEL DETAILS.

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

GALVANIZED STEEL BEAM SIGN POSTS
FOUNDATION DETAILS – TYPE C

STANDARD NO. MD 801.04-02