For wall offset values, see Standard Plan B3-5.

Dimensions "H", "L", "M", "N", Elevation "a" and Angle of Flare (as apply) are shown on the plans.

#4 @ 12"

#4 @ 12"

CASE II qu (ksf), B' (ft)

CASE I qu (ksf), B' (ft)

** Soil bearing pressure shown in the table is the equivalent uniform pressure per AASHTO LRFD - 11.6.3.2

B': B - (2) eccentricity, B' is the effective footing width.

For footing step dimensions, see Standard Plan B3-5.

DETAIL "X"

DETAIL "Y"

DETAIL "Z"

END ELEVATION

MATCH PARAPET

MATCH PARAPET

2'-2" MAX FOR 15%-21% FILL SLOPES, UNLIMITED FOR FLATTER THAN 15%-21%

5'-0" WIN FOR 15%-21% FILL SLOPES, UNLIMITED FOR FLATTER THAN 15%-21%

5'-0" WIN FOR 15%-21% FILL SLOPES, UNLIMITED FOR FLATTER THAN 15%-21%

CUTOFF WALL 4'-0" MAY

FOR FOOTING STEP DIMENSIONS AND REINFORCEMENT, SEE "FOOTING STEP" ON STD PLAN B3-5.

CASE III

DETAIL OF DESIGN LOADING CASES

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

BOX CULVERT WINGWALLS TYPES A, B AND C

NO SCALE

D84