

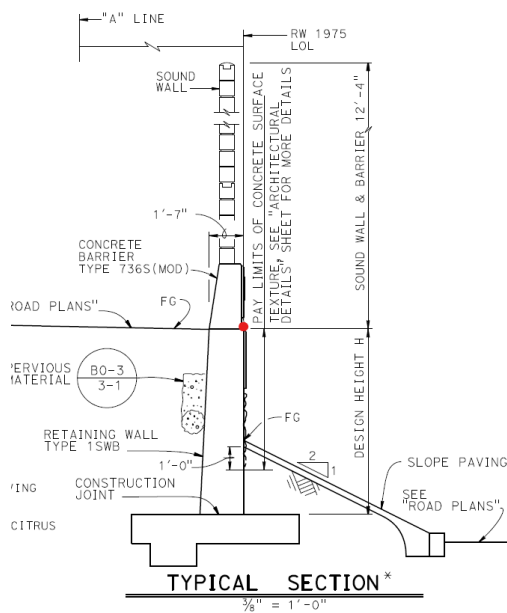
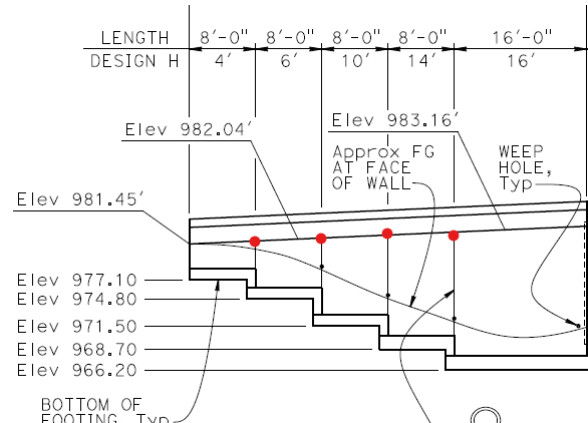
Bridge Design Models – Layout Points

Conventional and Conventional Modified Walls

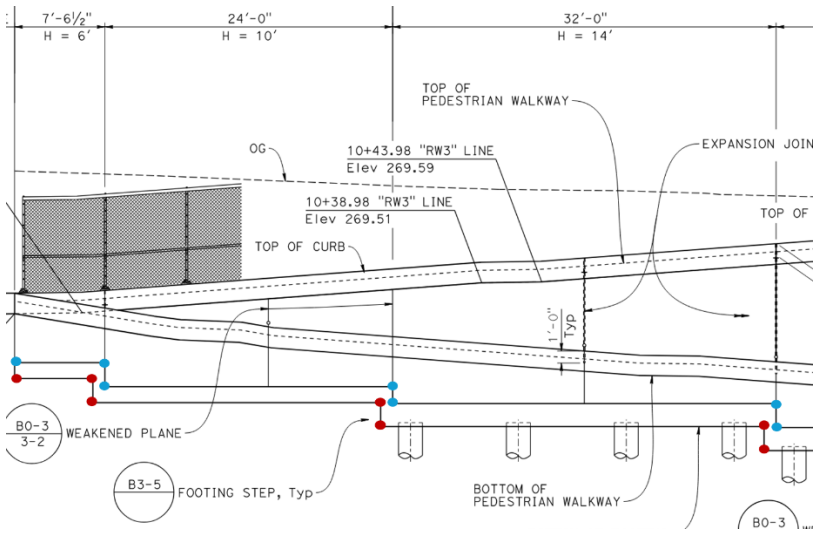
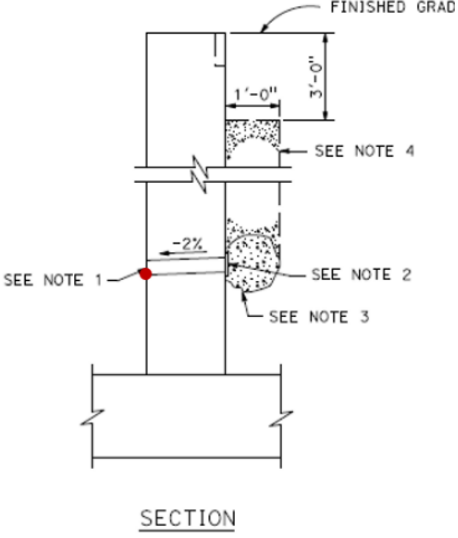
Note: Bridge Design will provide the following files:

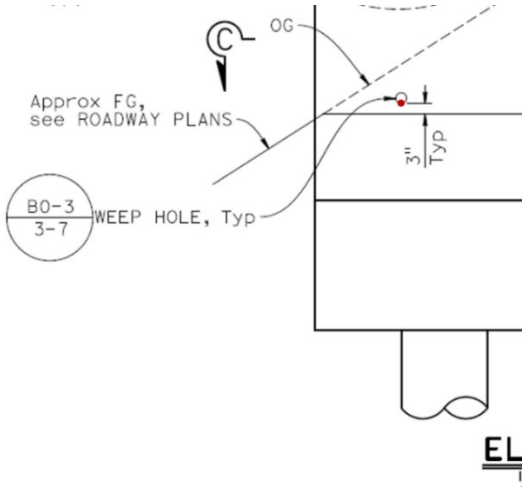
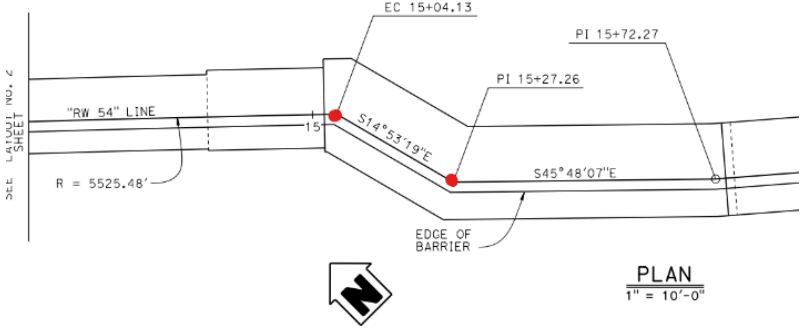
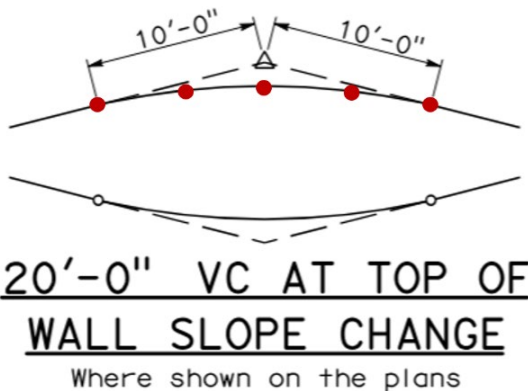
File	Format
Retaining Wall Lay-out Line and Top of Wall Profile	LandXML

In addition, the following layout points will be provided

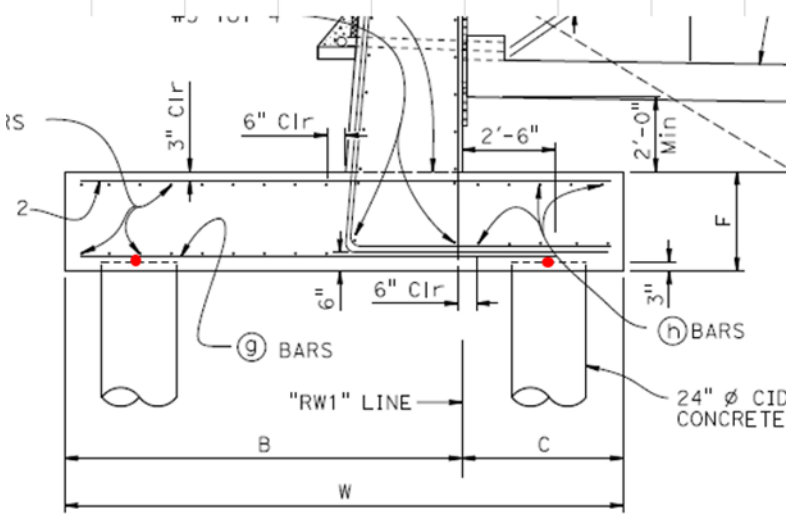
Layout Points	Description of Layout Points
 TYPICAL SECTION * * Architectural Treatment not shown	Points at the top of wall (along RW LOL) at 5 ft increments. - Include points at the beginning of wall and end of the wall. -Include intermediate points in critical locations where the profile slope changes
	Points at the top of wall (along RW LOL) - Include a point at each change in design height.

CALTRANS BRIDGE DESIGN TEMPLATE REQUIREMENTS PACKAGE

Layout Points	Description of Layout Points
	Points located at the bottom of footing (red) and top of footing (blue) A Point at the beginning of each footing step and end of each footing step
 SECTION DETAIL 3-1 WEEP HOLE, PERVIOUS BACKFILL Note sag points and 25'-0" maximum center to adjacent to sidewalks or curbs, provide 4" plastic to discharge thru curb face. Exposed wall drains over finished grade. galvanized steel wire 1/4" mesh hardware cloth, 0.025". Anchor firmly to backface. backfill material in a nonwoven filter fabric,	Point located weep hole bottom of pipe elevation. Point is located at the outside face of wall. Note that weep hole location is approximate based on standard plan B0-3 or as shown in the design plans.

Layout Points	Description of Layout Points
 Example - Weephole (continued from previous page)	
 Example - angle points in Retaining Wall Alignment	Points at the top of wall (along RW LOL) - Include a point at an angle Point(s) in the wall alignment or profile
 20'-0" VC AT TOP OF WALL SLOPE CHANGE Where shown on the plans	At locations of wall slope change (Standard Plan B3-5), points will be placed at quarter-point locations along the smooth curve.

CALTRANS BRIDGE DESIGN TEMPLATE REQUIREMENTS PACKAGE

Layout Points	Description of Layout Points
 The diagram illustrates a cross-section of a bridge structure. It shows two piles, each with a diameter of 24 inches, made of cast-in-place concrete (CIC). The piles are positioned within a larger structure, with dimensions B and C indicating their spacing and width. The total width of the structure is labeled W. Reinforcement bars are shown, with labels (g) BARS and (h) BARS. The "RW1" LINE is indicated. Clearances are specified: 3" CLR and 6" CLR. A minimum height of 2'-0" is noted. Other dimensions include 2'-6" and 6". The drawing also shows a top view of the bridge deck with various lines and dimensions.	Point located at the Centerline of each pile and the top of each pile