GENERAL NOTES:
1. "T" is measured from top of bottom slab to the normal gutter grade line depressed at the curb face.
2. For "T" wall thickness and reinforcement, see Table C on Revised Standard Plan RSP D730.
3. Wall reinforcement must be placed at the center of wall thickness with horizontal bars placed as the exterior face. Bottom slab reinforcement must be 1/2" deep on the interior face unless otherwise noted. Top slab concrete cover must be 2" clear on the exterior unless independent wall sections or height adjustment rings 6" to 24" high must have a minimum of two 6" horizontal bars. Reinforcement spacing is increased if horizontal bars are varied.
4. Slope - where required where "W" is less than 3:4, where "W" is 3:4 or more, install steps with lowest run 1'-0" above the floor and highest run not more than 6" below bottom of slab. The distance between steps must not exceed 1'-0" and be uniform throughout the length of the wall. Place steps in the wall without opening. Steps may be substituted for the bar steps. Step inserts must comply with State Industrial Safety Requirements, see Revised Standard Plan RSP D974 for step details.

DESIGN NOTES:
2. Live Load AASHTO LRFD, V,T, and H loads, cost of truck or tandem, and design lane loads. Design live load allowance, BW = 335. AASHTO Reference Load Factor, A = 1.5. Design lane load was excluded in Top Slope design. Pipe load of 4 kips without impact factor was used for top slabs that are above a curb.
3. Bar penetration:
   a. Vertical penetration = 140 pcf
      - 100 pcf for walls with flat or flush backfill. Design live load allowable, LW = 27.
   b. Downward penetration = 340 pcf and 120 pcf.
   c. Lateral pressure:
      - 80 pcf for walls with flat or flush backfill. Design live load allowable, LW = 27.
4. Downward penetration = 340 pcf and 120 pcf.
5. Buoyancy = 62.4 pcf to finished grade.

DETAIL A:
For integral base, clearance between pipe penetration and box wall is shown in CIP alternative standard plan sheet.

BASE WITH KEYED JOINT
INTEGRAL BASE

INTEGRAL BASE
For details not shown, see "BASE WITH KEYED JOINT"
TYPICAL WALL
W/PIPE OPENING
See "STANDARD PIPE PLAN"
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PRECAST DRAINAGE INLET NOTES
NO SCALE