GENERAL NOTES:
1. *W* is measured from top of bottom slab to the normal gutter grade line under the curb face.
2. For "V" 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, adjusted for horizontal bars placed on the exterior face. Bottom slab concrete cover must be 4" in thickness unless otherwise noted. Top slab concrete cover must be 2" on the exterior face of the wall. Wall thickness may be reduced for small diameter pipes to 1/2" outside diameter. Design load used was 20 kips per inlet panel. Pre-cast inlets shall have configuration to accommodate 20 kips per inlet panel. Design load used was 20 kips per inlet panel.
4. Grades - Range required when *W* is less than 2", where "W" is 2-8" or more, install additional steps with 1-8" above the floor and highest range not more than 6" below bottom of slab. The elevation between steps must not exceed 1-8" and be uniform throughout the length of the wall. Place steps in the wall with an opening in a step. Steps must be provided at the bottom of the wall. Step inserts must comply with Reinforced Concrete Design Specifications, 6th edition with 2012 Interims and CA Amendments.
5. Pipe(s) can be placed in any wall, adjacent to each side of the opening, placed conditionally reinforced equivalent to half the interrupted reinforcement. Adjust bar steps with 1-8" above the floor and highest range not more than 6" below bottom of slab. The elevation between steps must not exceed 1-8" and be uniform throughout the length of the wall. Place steps in the wall with an opening in a step. Steps must be provided at the bottom of the wall. Step inserts must comply with Reinforced Concrete Design Specifications, 6th edition with 2012 Interims and CA Amendments.
6. Steel bars shall be parallel to the direction of principal surface flow.
7. Curb section must match adjacent curbs.
8. Except for inlets used as junction boxes, basin floors must have wood trowel finish and compaction of backfill. Concrete strength must be 3.6 ksi minimum. All slab and wall thicknesses must be per Revised Standard Plan RSP D730. All reinforcement shall extend a minimum of 1-8" from precast main inlet box.

DESIGN NOTES:
2. Live load: AASHTO LRFD 3.6.1.2, consists of design truck or tandem, and design lane load, 0.80* M = 330 kip.
3. Action Factor for Design Load M = 1.5
4. Design live load was excluded in Top Slab design.
5. Gravity live load = 140 pcf
6. Curb pressure = 90 pcf
7. Curb opening pressure = 150 pcf for walls with V-shaped opening, 1-30 ft opening, 1.5-1 Max.
8. Design load = 34" and 72" per cft.
9. Buoyancy = 0.02 to 0.04 ft per finished grade.
10. Reinforced Concrete: f'c = 5.0 ksi, fy = 60.0 ksi.

BASE WITH KEYED JOINT INTEGRAL BASE

DETAILED "A" FOR INTEGRAL BASE, CLEARANCE BETWEEN PIPE GENERATION AND SLAB SLABS MAY BE SHOWN IN TABLE ALTERNATIVE STANDARD SHEET.

INTEGRAL BASE

DESIGN NOTES:
2. Live load: AASHTO LRFD 3.6.1.2, consists of design truck or tandem, and design lane load, 0.80* M = 330 kip.
3. After M = 1.5
4. Design live load was excluded in Top Slab design.
5. Gravity live load = 140 pcf
6. Curb pressure = 90 pcf
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