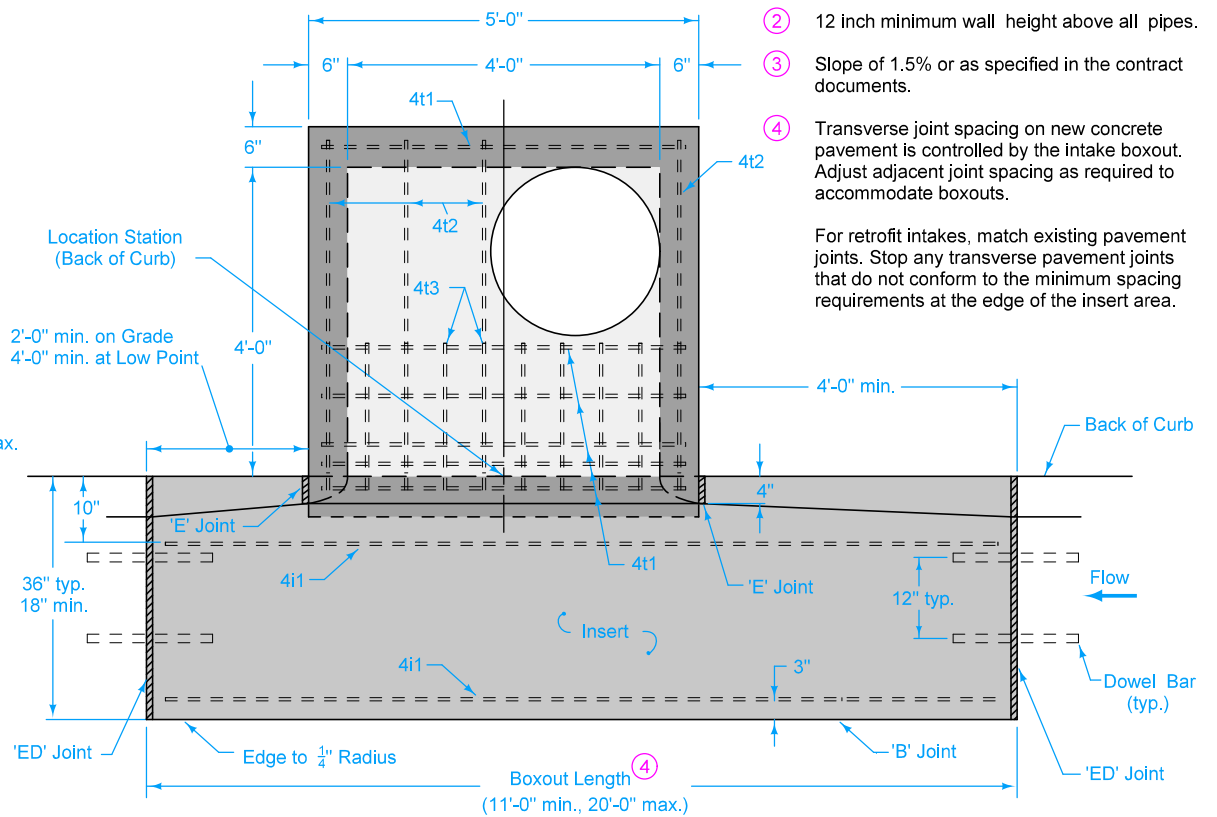


TYPICAL SECTION



PLAN

- ② 12 inch minimum wall height above all pipes.
  - ③ Slope of 1.5% or as specified in the contract documents.
  - ④ Transverse joint spacing on new concrete pavement is controlled by the intake boxout. Adjust adjacent joint spacing as required to accommodate boxouts.
- For retrofit intakes, match existing pavement joints. Stop any transverse pavement joints that do not conform to the minimum spacing requirements at the edge of the insert area.

REINFORCING BAR LIST

Mark	Size	Location	Shape	Count	Length	Spacing
4t1	4	Top	—	7	4'-8"	See Insert
4t2	4	Top	—	4	4'-6"	12"
4t3	4	Top	—	10	1'-10"	6"
4b1	4	Base	—	6	4'-6"	11"
4b2	4	Base	—	6	4'-6"	11"
4i1	4	Insert	—	4	Boxout Length minus 8"	See Plan
4w1	4	Walls	—	16	Wall Height minus 4"	14"
4w2	4	Walls	—	Varies	4'-8"	12"
4w3	4	Walls	—	Varies	4'-8"	12"

MAXIMUM PIPE DIAMETERS	
Precast Structure	Cast-in-place Structure
30"	36"

SUDAS IOWADOT	REVISION 3 04-17-18
	FIGURE 6010.508 STANDARD ROAD PLAN <b>SW-508</b> SHEET 2 of 2

REVISIONS: Added second Insert drawing to include 4" curb, changed 'Insert' callout to 'Concrete Fillet', and modified circle notes.

Paul D. Wigand  
 Brian Smith  
 SUDAS DIRECTOR DESIGN METHODS ENGINEER

**SINGLE OPEN-THROAT CURB INTAKE, LARGE BOX**