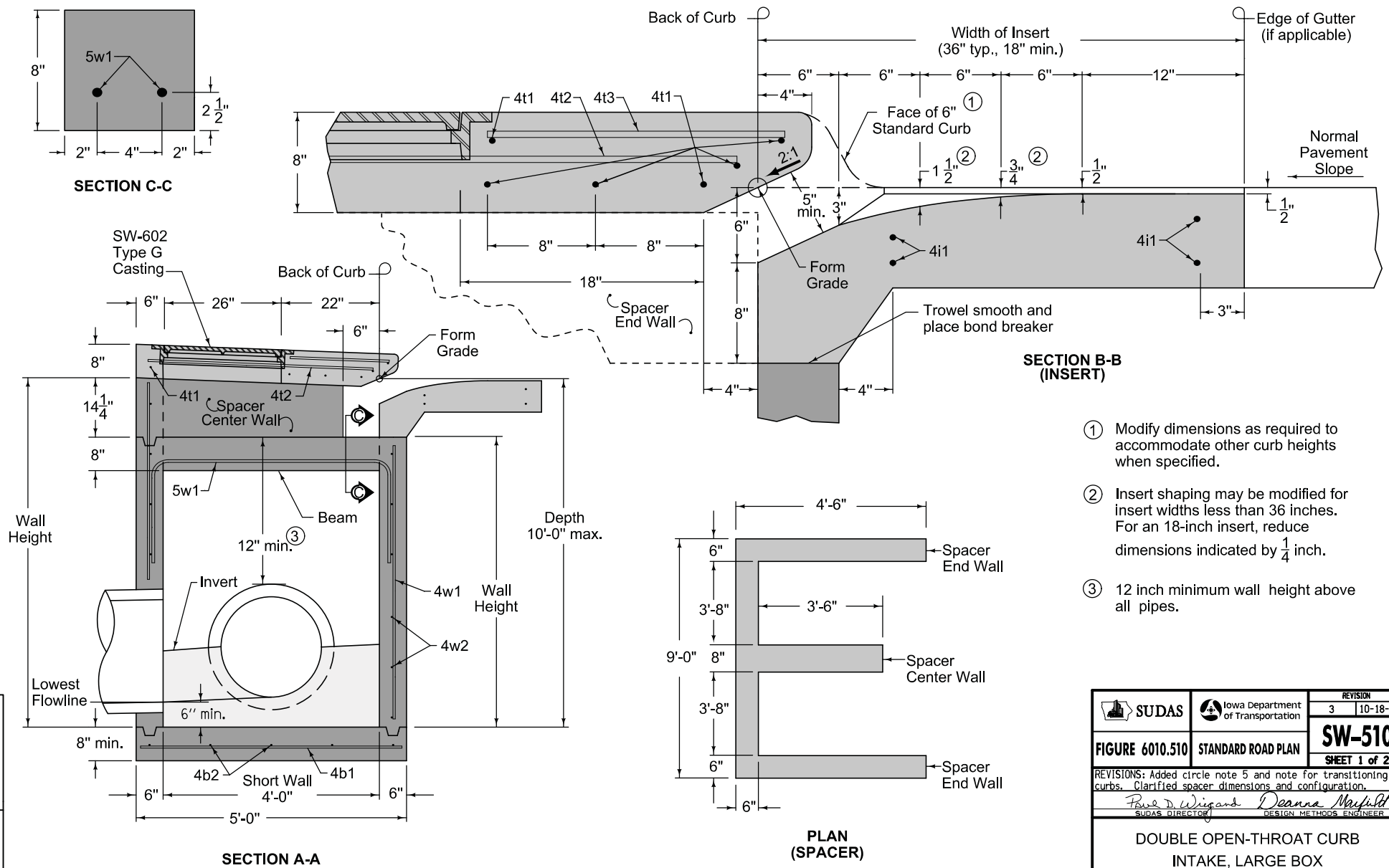
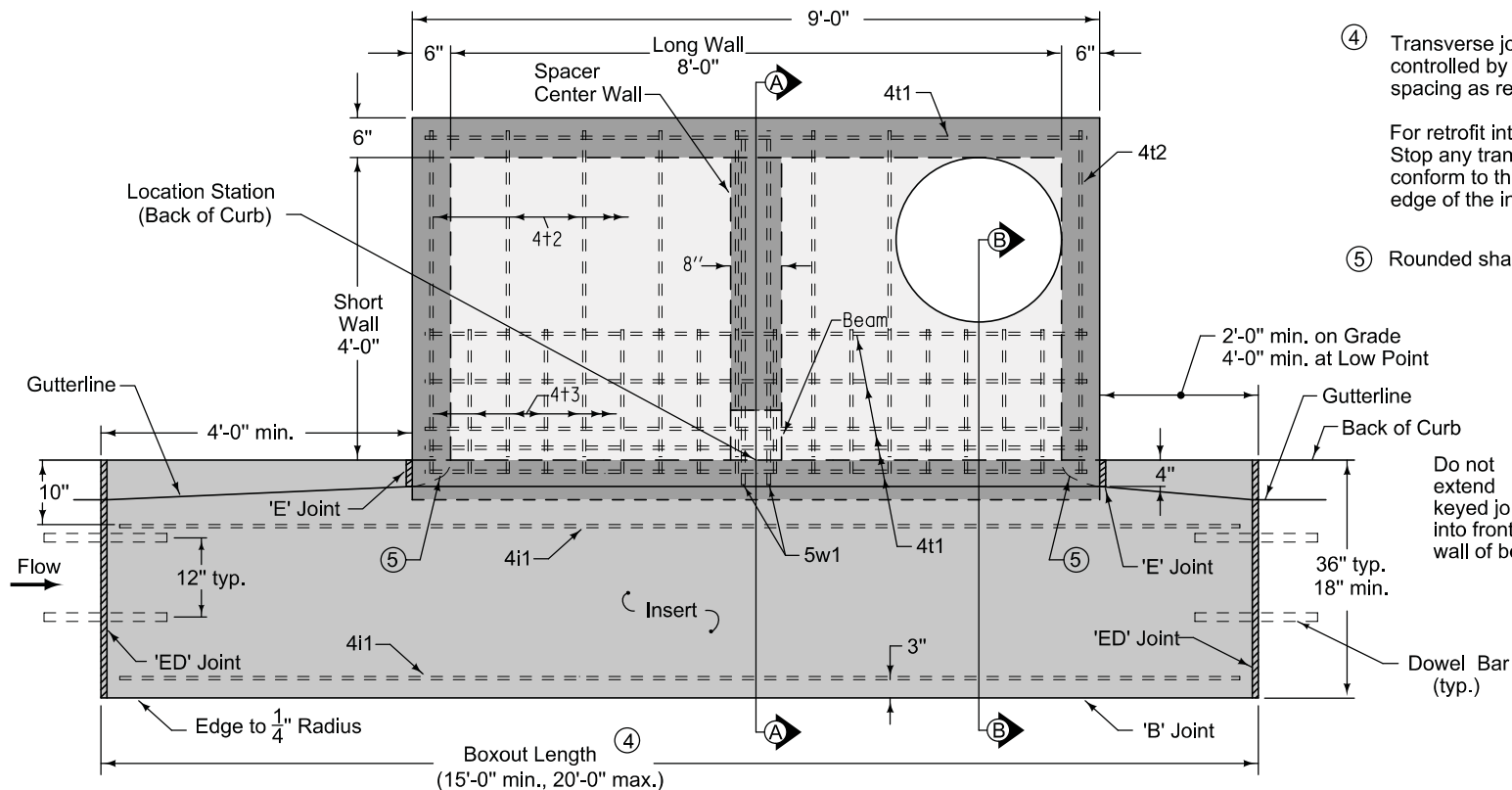


FIGURE 6010.510 SHEET 1 OF 2



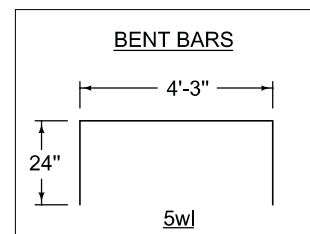
- ① Modify dimensions as required to accommodate other curb heights when specified.
- ② Insert shaping may be modified for insert widths less than 36 inches. For an 18-inch insert, reduce dimensions indicated by 1/4 inch.
- ③ 12 inch minimum wall height above all pipes.

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FIGURE 6010.510		STANDARD ROAD PLAN		
		SHEET 1 of 2		
REVISIONS: Added circle note 5 and note for transitioning curbs. Clarified spacer dimensions and configuration.				
<i>Russ D. Weigand</i> SUDAS DIRECTOR		<i>Deanna M. Melford</i> DESIGN METHODS ENGINEER		
DOUBLE OPEN-THROAT CURB INTAKE, LARGE BOX				



PLAN

REINFORCING BAR LIST						
Mark	Size	Location	Shape	Count	Length	Spacing
4b1	4	Base	—	9	4'-6"	12"
4b2	4	Base	—	6	8'-6"	11"
4i1	4	Insert	—	4	Boxout Length minus 8"	See Insert
4t1	4	Top	—	7	8'-6"	See Plan
4t2	4	Top	—	8	4'-4"	12"
4t3	4	Top	—	18	1'-10"	6"
4w1	4	Walls	—	24	Wall Height minus 4"	13"
4w2	4	Long Walls	—	Varies	4'-8"	12"
4w3	4	Short Walls	—	Varies	8'-8"	12"
5w1	5	Beam	⌊	2	8'-3"	4"

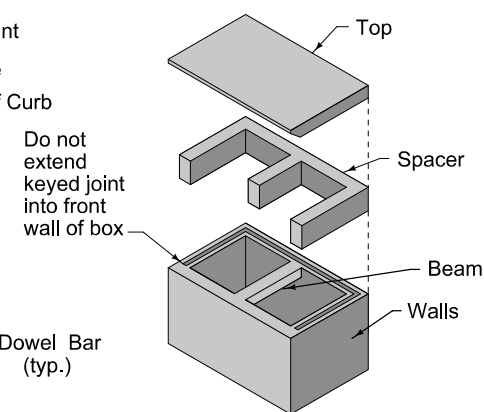


MAXIMUM PIPE DIAMETERS		
Pipe Location	Precast Structure	Cast-in-place Structure
Short Wall	30"	36"
Long Wall	60"	66"

- 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.

- ⑤ Rounded shaping at inlet.



ISOMETRIC
(Refer to Section B-B
for alignment of Top
with Spacer)

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		3	10-18-11
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		SHEET 2 of 2	
FIGURE 6010.510	STANDARD ROAD PLAN	REVISIONS: Added circle note 5 and note for transitioning curbs. Clarified spacer dimensions and configuration.	
<i>Paul D. Weigand</i> SUDAS DIRECTOR		<i>Deanna Mayfield</i> DESIGN METHODS ENGINEER	
DOUBLE OPEN-THROAT CURB INTAKE, LARGE BOX			