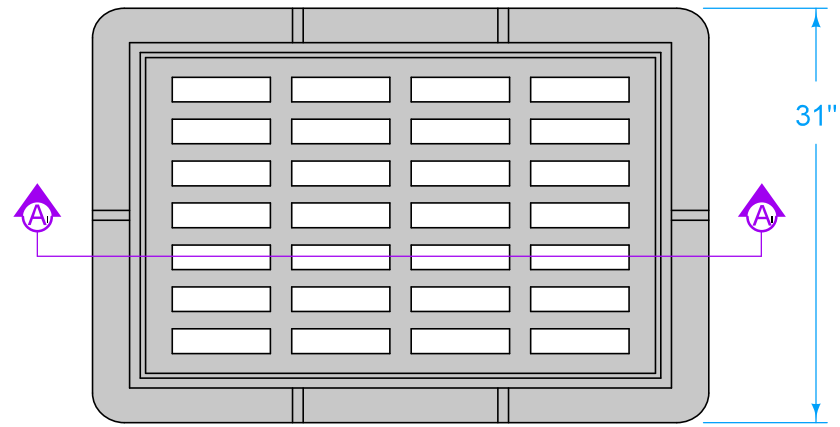
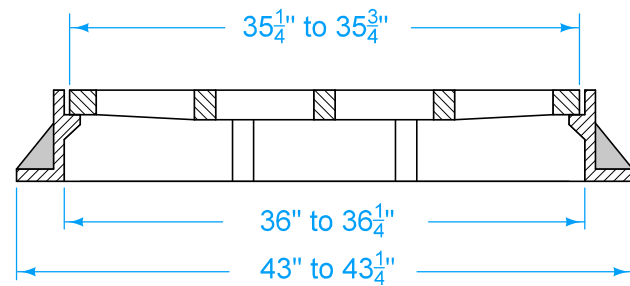


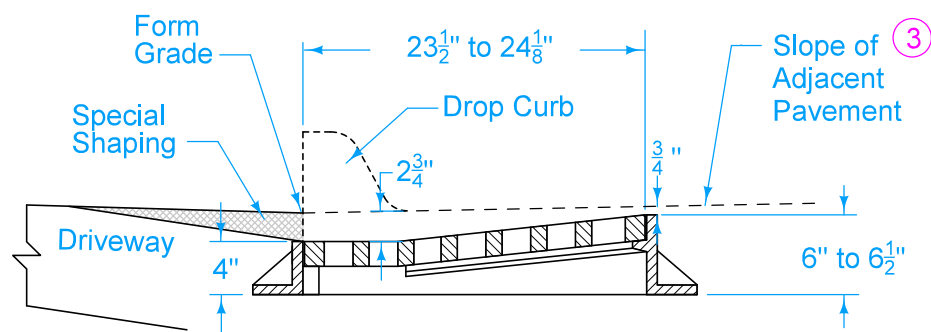
TYPE Q ^①
 Driveway Grate
 (Minimum open area 370 in²)



PLAN

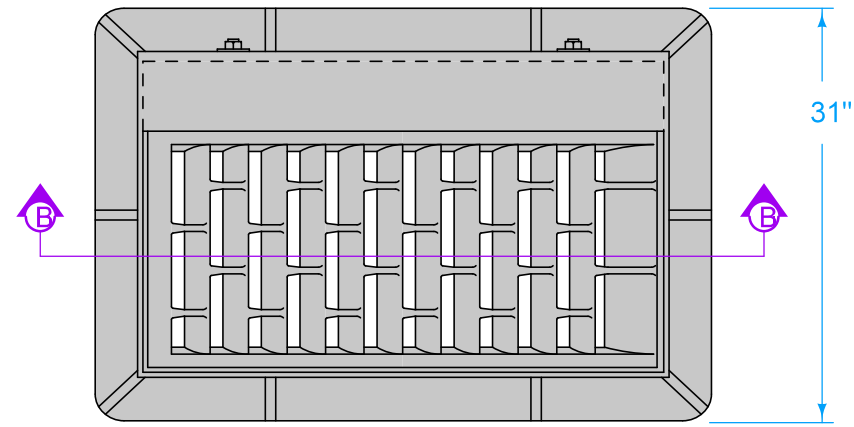


SECTION A-A

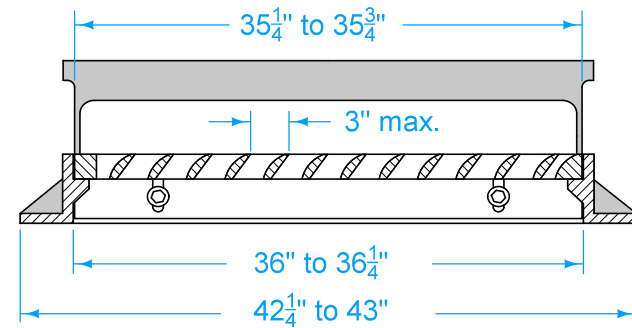


TYPICAL SECTION

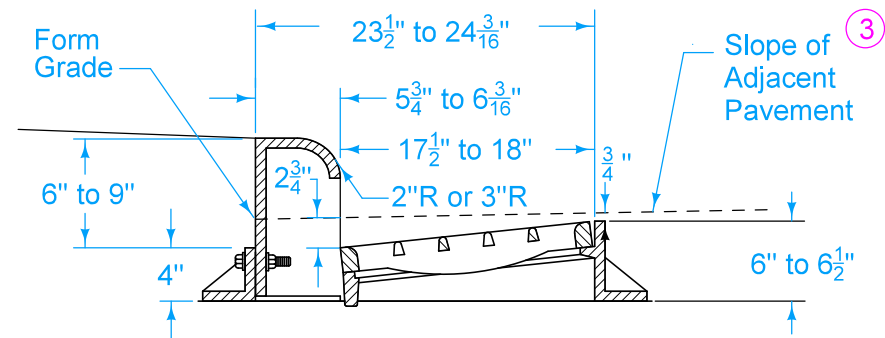
TYPE R ^②
 Curb Inlet Grate
 (Minimum open area 180 in²)



PLAN



SECTION B-B

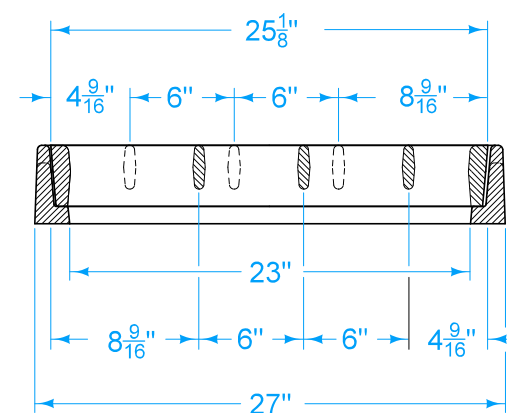
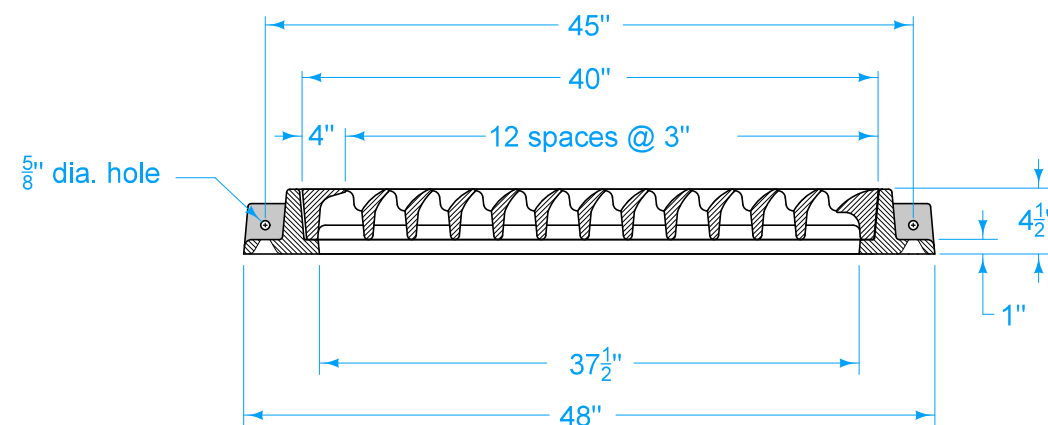
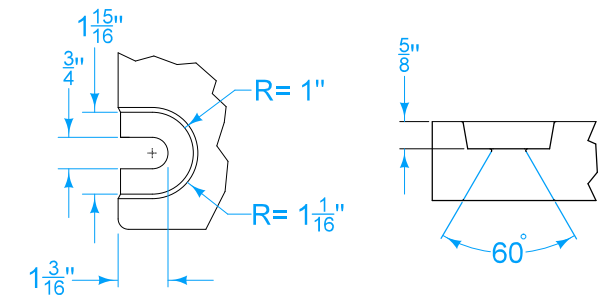
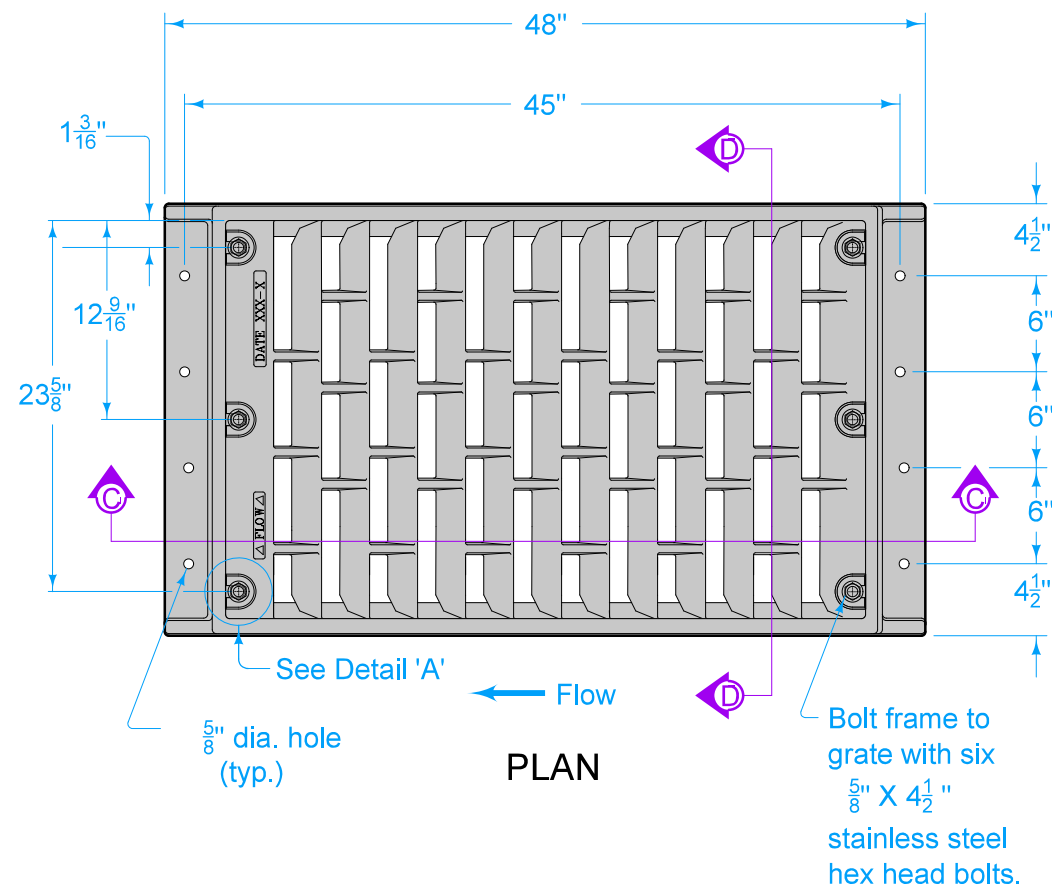
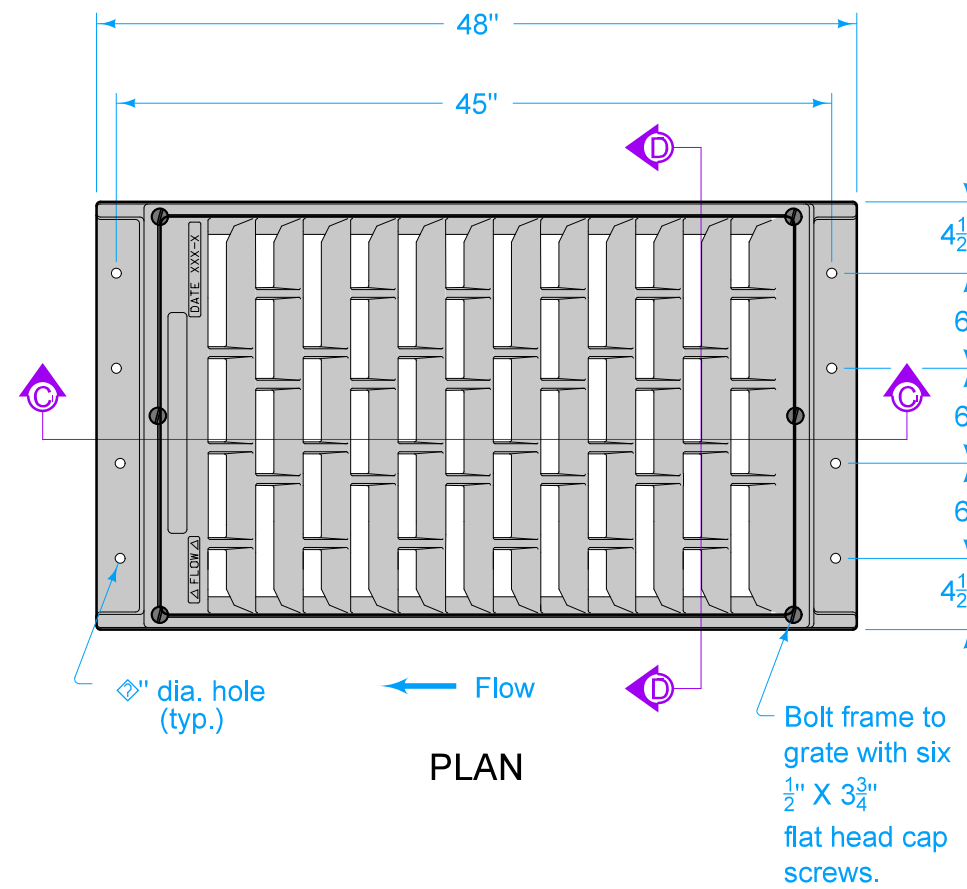


TYPICAL SECTION

- ① For use at curb drops for driveways. Use only when specified in the contract documents.
- ② Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed.
- ③ For details of boxout pavement, refer to SW-514.

		REVISION	
		7	10-21-25
FIGURE 6010.603	STANDARD ROAD PLAN	SW-603	
		SHEET 1 of 2	
REVISIONS: Updated Sudas and IDOT Logos.			
			
SUDAS DIRECTOR		DESIGN METHODS ENGINEER	
CASTINGS FOR GRATE INTAKES			

TYPE S ^② ^④
Barrier Intake Grate
(Minimum open area 300 in²)



- ② Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed. The Contractor has the choice of which Type S Grate to use.
- ④ Use ductile iron frame castings meeting the requirements of ASTM A 536.

Frame minimum weight = 220 lbs.
Grate minimum weight = 340 lbs.

		REVISION	
		7	10-21-25
		SW-603 SHEET 2 of 2	
FIGURE 6010.603	STANDARD ROAD PLAN		
REVISIONS: Updated Sudas and IDOT Logos.			
			
SUDAS DIRECTOR		DESIGN METHODS ENGINEER	
CASTINGS FOR GRATE INTAKES			