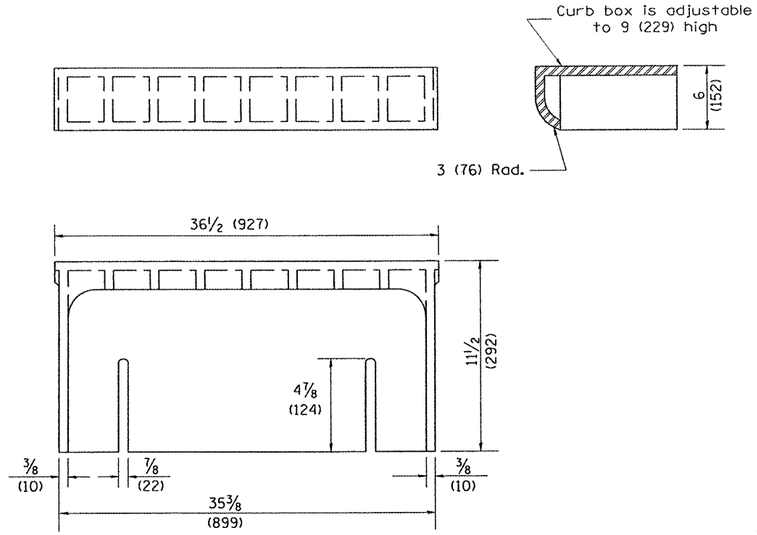
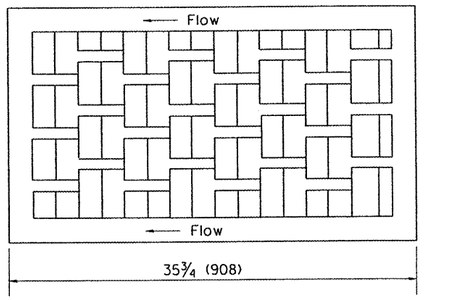
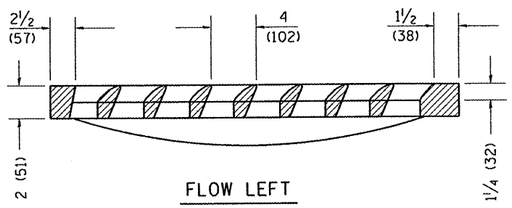
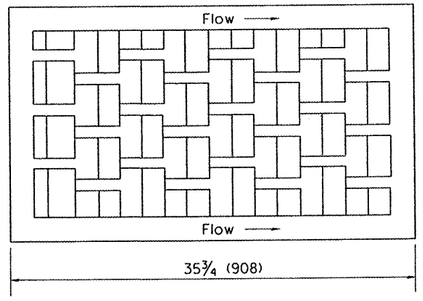


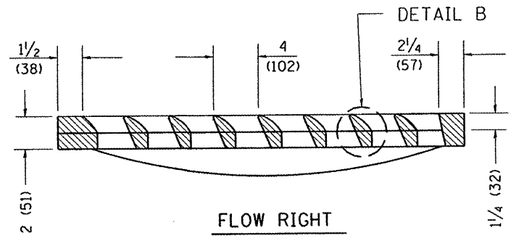
CAST CURB BOX
110 lbs. (50 kg)



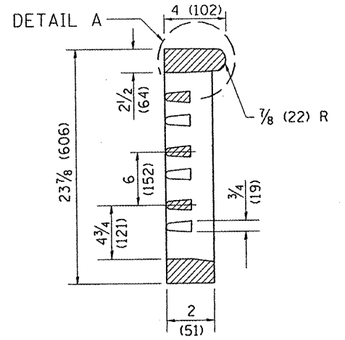


FLOW LEFT

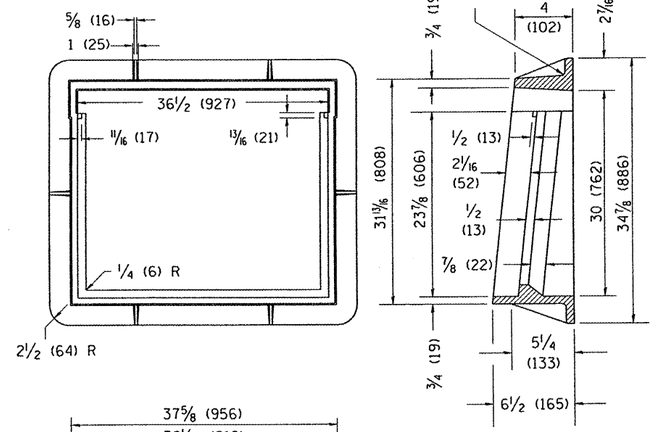


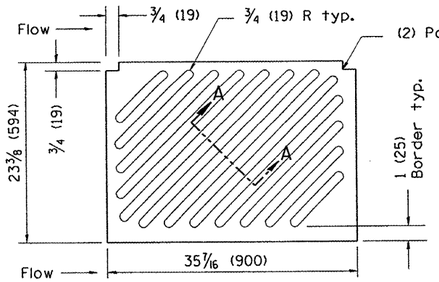


FLOW RIGHT

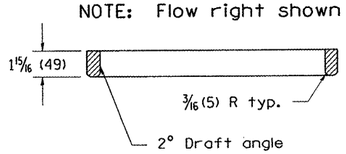


CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)

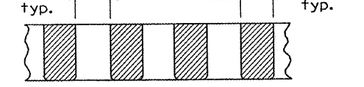




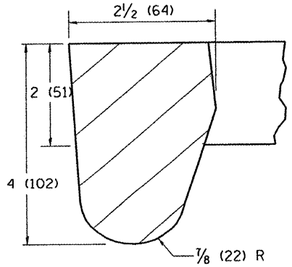
NOTE: Flow right shown



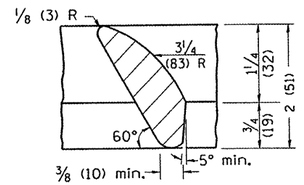
CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)



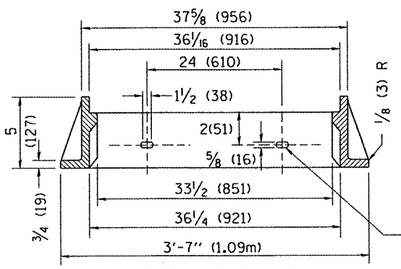
SECTION A-A



DETAIL A



DETAIL B



Slot for galvanized ½x 2½ (M12 x 64) bolt, nut and washer

CAST FRAME
271 lbs. (123 kg)

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME = $FILE$	PLOT SCALE = $SCALE$	DESIGNED - RAW	REVISED -
	PLOT DATE = $DATE$	DRAWN - RAW	REVISED -
	PLOT TIME = $TIME$	CHECKED - RJA	REVISED -
		DATE -	REVISED -

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

SPECIAL DETAILS
FRAME & GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES

NO SCALE | CADD STD 604001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	126
		CONTRACT NO. 89352		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		