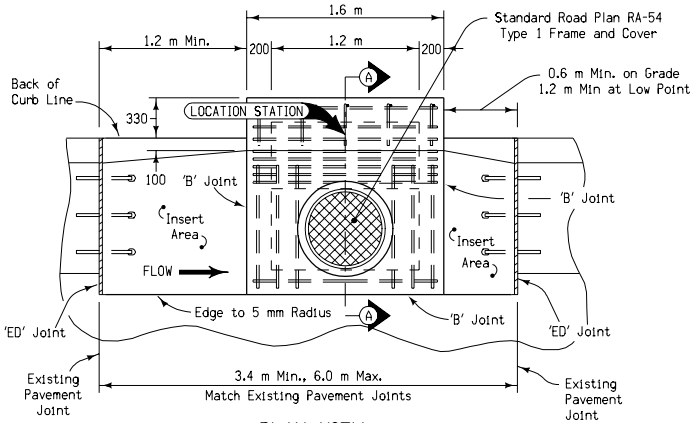
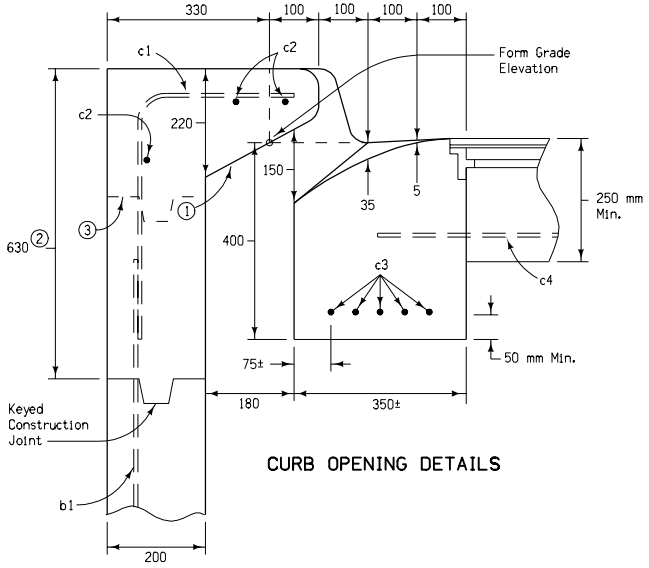


PLAN VIEW

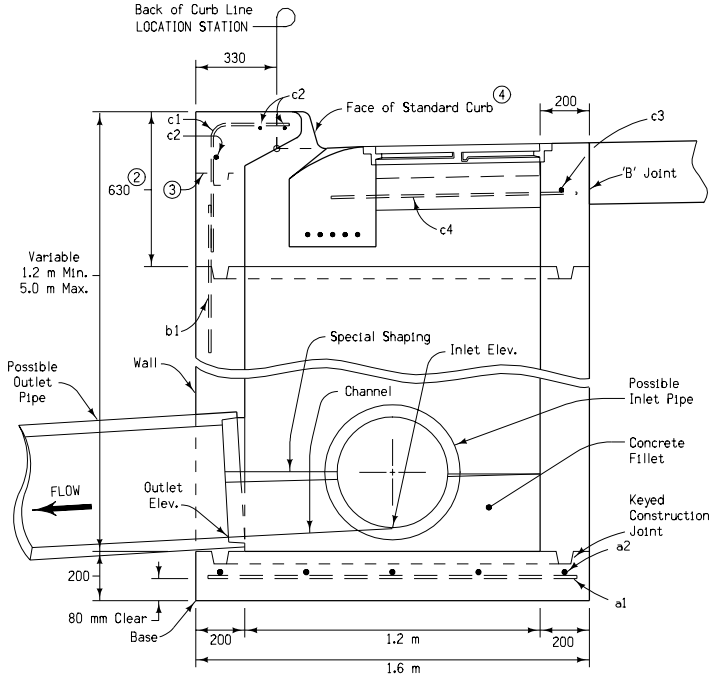


CURB OPENING DETAILS

Contract Item:

Intake, RA-41

1. 2:1 slope (horizontal:vertical)
2. Shall be 1000 millimeters when attaching the RA-42 extension unit.
3. Additional keyed construction joint when attaching the RA-42 extension unit.
4. Dimensions shown are for the construction of a 150 millimeter standard curb as a part of the pavement. Modifications may be made to conform to other curb shapes.

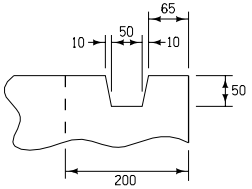


SECTION A-A

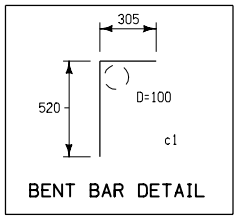
Placing sequence: 1. Base; 2. Walls; 3. Top; 4. Insert

REINFORCING BAR LIST

BAR	SIZE	LOCATION	SHAPE	NO.	LENGTH	MASS	SPACING
a1	15	Base	———	5	1500	12 kg	350
a2	15	Base	———	5	1500	12 kg	350
b1	15	Wall	———	5	915	7 kg	350
c1	15	Top	⌐	5	825	7 kg	350
c2	15	Top	———	3	1500	7 kg	See Detail
c3	15	Top	———	6	1500	14 kg	See Detail
c4	15	Top	———	6	1000	10 kg	See Detail
					Total	69 kg	



KEYED CONSTRUCTION JOINT DETAIL



BENT BAR DETAIL

For joint details, see Standard Road Plans RH-50, RH-51, and RH-52.

All dimensions given in millimeters unless noted.

METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RA-41

REVISION: Change 'EE' joint to 'ED' joint and remove notes covered in the Specifications Book; change title.	REVISION NO.
	4
APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE
	04-19-05

CURB INTAKE
(UNDER PAVEMENT)