



B —————



| CATCH | BASIN | MAXIMUM | DEPTH | NOTE |
|-------|-------|---------|-------|------|
|-------|-------|---------|-------|------|

FRONT EDGE OF CURB IRON TO BE SET 13 mm DEEP INTO CONCRETE MEDIAN BARRIER WALL

CONCRETE MEDIAN BARRIER WALL

75 mm CURB OPENING GRATE

PAVEMENT

GRATE FRAME

813

75 CLEAR

3-H1601 REINF. BARS ON 50 mm C-C HORIZ.

A1601

GROUT

INSIDE DIA. OF INLET PIPE X

380 mm L&F

380 mm L&F

203

127 76 4 EQUAL SPACES OF 203 mm 76 127

1219

Technical drawing of a curb opening with a 23:1 slope and 75 mm clearance. The drawing shows a cross-section of the curb opening, including the curb, the opening itself, and the surrounding structure. Key dimensions and labels include:

- Vertical Dimensions:** 100, 125, 112, 205 MIN., 35, 203.
- Horizontal Dimensions:** 813, 203, 50, 23:1, 75 CLEAR, 127, 76, 4 EQUAL SPACES OF 203 mm, 76, 127, 1219.
- Labels:** CURB OPENING, OUTLET PIPE, INLET PIPE, MONOLITHIC B.
- Notes:** E, X, Y = X/4.

6/2/2006 11:55:53 AM

- REINFORCING STEEL LEGEND

GENERAL NOTES

- ### CATCH BASIN MINIMUM DEPTH TABLE

- ① DEPTH MEASUREMENT MADE FROM TOP OF GRATE TO OUTLET FLOW ELEVATION BASED ON INLET AND OUTLET PIPES BEING THE SAME DIAMETER, IF OUTLET PIPE IS GREATER ADJUSTMENT IN DEPTHS MUST BE MADE TO ACCOMMODATE THIS SITUATION.
- ② MINIMUM DEPTH TO BE REDUCED BY 35 mm WHERE ONLY OUTLET PIPE EXIST.
- ③ TO DETERMINE FLOOR OF CATCH BASIN ELEVATION, WHEN INLET AND OUTLET PIPES ARE THE SAME SIZE, ADD PIPE WALL THICKNESS PLUS 40 mm TO THE ABOVE MINIMUM DEPTHS.

CUT-OUT HOLES FOR PRECAST STRUCTURES TO BE CORED OR FORMED IN ORDER TO OBTAIN A SMOOTH EDGED HOLE. SCORED OR ETCHED HOLES WITH REINFORCING STEEL LEFT UNCUT WILL NOT BE PERMITTED.



☒ MINOR REVISION -- FHWA  
APPROVAL NOT REQUIRED.

**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

LOW PROFILE  
813 mm x 813 mm  
SQUARE CONCRETE  
NO.41LP CATCH BASIN  
(FOR USE UNDER CONCRETE  
MEDIAN BARRIER WALL)

5-27-98 DM-CB-41 LP