FRAME–BACK–CURB PIECE FOR INLET TYPE B AND TYPE C

SECTION C-C

2'-0"

1" DIA. HOLES TO BE FITTED WITH FOUR 7/8" DIA. HEX. BOLTS, 3" LONG BY THE CONTRACTOR.

STORM DRAIN INLET LABELING

SEE NOTE 4

NON-SKID SURFACE

BICYCLE SAFE GRATE AS SHOWN IN CD-602-1.8

1" TYP.

SECTION A-A

CURB OPENINGS

VAR.

1/2" R TYP.

SECTION B-B

CURB PIECE

BACK

HEIGHT AS SPECIFIED

FRAME

MINIMUM WEIGHTS CLASS 30B

4" (NO CURB OPENINGS),
6", 8", 10"   WEIGHT OF GRATE = 325#
OR 12"   WEIGHT OF FRAME = 312#
AS SPECIFIED WEIGHT OF BACK = 120#

WEIGHT OF CURB PIECE
6" = 125#
8" = 167#
10" = 209#
12" = 251#

NOTES:
1. SEE ALTERNATE BACK PLATE DETAIL CD-602-2.5
2. SEE GENERAL NOTE 10, CD-602-1.6
3. THE CLEAR SPACE IN THE CURB OPENING (OR EACH INDIVIDUAL CLEAR SPACE, IF THE CURB OPENING HAS TWO OR MORE CLEAR SPACES) MUST HAVE AN AREA OF NO MORE THAN SEVEN (7.0) SQUARE INCHES, OR BE NO GREATER THAN TWO (2.0) INCHES ACROSS THE SMALLEST DIMENSION.
4. STORM DRAIN INLET LABEL SHOULD READ "NO DUMPING, DRAINS TO WATERWAYS" OR OTHERWISE APPROVED BY THE R.E.. FISH LOGOS SHALL ALSO BE INCLUDED ON BOTH SIDES OF LABEL.

CD-602-2.1

INLET, TYPE A

FRAME AND GRATE

BICYCLE SAFE GRATE AS SHOWN IN CD-602-1.8

LADDER RUNGS SEE DETAIL CD-602-1.3 & 1.5

SECTION A-A

SECTION B-B

VARIABLE

FRAME FOR INLET, TYPE A

BICYCLE SAFE GRATE AS SHOWN IN CD-602-1.8

SECTION A-A

SECTION B-B

NOTE:
SEE GENERAL NOTE 10, CD-602-1.6

MAXIMUM WEIGHTS
WEIGHT OF FRAME = 240#
WEIGHT OF GRATE = 325#

CD-602-2.4

INLET, TYPE C WITH C.I. CURB PIECE–BACK–FRAME AND GRATE

CURB

LADDER RUNGS SEE DETAILS CD-602-1.3 & 1.5

PAVEMENT / SHOULDER

FRAME, CURB PIECE, BACK AND GRATE

VARIABLE

SECTION A-A

SECTION B-B

NOTE:
ALTERNATE VERTICAL JOINTS OF BRICK OR BLOCK IN THE FIVE LOWER COURSES SHALL BE LEFT OPEN. WHEN CONSTRUCTED OF CONCRETE A LEACHING BASIN 18" x 18" x 2'-0" DEEP OF COARSE AGGREGATE #57 SHALL BE CONSTRUCTED.

CD-602-2.2

ALTERNATE BACK PLATE

NOTES:
1. MINIMUM WEIGHT = 120#
2. SEE GENERAL NOTE 10, CD-602-1.6

49½"

22½"   8¼"

CD-602-2.5

METHOD OF SETTING CASTING FOR B TYPE INLET WHERE CURB PIECE HEIGHT IS 2" GREATER THAN CURB FACE

THEORETICAL GUTTER GRADE

AS SPECIFIED

SET THE EDGE OF FRAME AT SLOPE LINE

SET CURB PIECE AT ELEVATION OF ADJACENT CURB

SLOPE LINE PROPOSED

(FOR USE IN SHOULDER AREA ONLY)

CONCRETE CURB

CD-602-2.3

INLET, TYPE B WITH C.I. CURB PIECE–BACK–FRAME AND GRATE

CURB

BICYCLE SAFE GRATE AS SHOWN IN CD-602-1.8

LADDER RUNGS SEE DETAIL CD-602-1.3 & 1.5

SECTION A-A

FRAME, CURB PIECE, BACK AND GRATE

SHOULDER / PAVEMENT

STAGE 2

STAGE 1

VARIABLE

NOTE:
FOUNDATION AND INVERT TO BE CONSTRUCTED IN 2 STAGES. TOP SURFACE OF STAGE 1 TO BE LEFT ROUGH

DEPTH OF INVERT TO BE 0.80 OF DIAMETER OF THE MAIN PIPE THROUGH THE INLET.

SECTION B-B

CD-602-2.6

INLETS, TYPE A, B & C
N.T.S.

CD-602-2

38
146