ALHAMBRA FOUNDRY
A-2273 CLEAN OUT
FRAME & COVER WITH
APPROVED LOCKING
DEVICE OR EQUAL.

20'
TOP OF CURB TRANS.

3-1/2" x 3" x 5/16"
FACE ANGLE

SIDEWALK FINISH

18" MAX. DEPTH

4" MIN.

SLOPE 1/4" PER FOOT

SECTION B-B

3-1/2" x 3" x 5/16"
FACE ANGLE

SLOPE 1/4" PER FOOT

SECTION C-C

SECTION A-A
"J" BARS; SEE SHEET 4
FOR SPACING

OPTIONAL KEY
CONSTRUCTION
JOINTS

PLAN

FLOWLINE

T.C. PROFILE
AS SHOWN ON PLANS

PROFILE

1" R/W

NOTES:
1. SEE SHT. 4 FOR
DETAILS AND NOTES.
2. SPAN 'S' AND HEIGHT
OF OPENING AND
CURB FACE AT
CULVERT SHALL BE
NOTED ON PLANS.

CITY OF MISSION VIEJO

PARKWAY CULVERT (TYPE B)

STANDARD
PLAN NO.

407

APPROVED
RCE 30190
DATE

SHT 2 OF 4

9.23.03
NOTES:
1. SEE SHEET 4 FOR DETAILS AND NOTES.
2. ALHAMBRA FOUNDRY A-470 RECTANGULAR CAST IRON PIPE MAY BE SUBSTITUTED AT THE CONTRACTOR'S OPTION OR AS SPECIFIED ON THE PLANS.
3. CAST IRON FACILITIES SHALL HAVE A BITUMINOUS COATING CONFORMING TO AASHO DESIGNATION-M190.

CITY OF MISSION VIEJO

PARKWAY CULVERT (TYPE C)
OUTLET DETAIL

NOTES:

1. USE PARKWAY CULVERT TYPE "A" WHEN INLET VELOCITIES WILL BE 10 FEET PER SECOND OR GREATER.

2. USE PARKWAY CULVERT TYPE "B" WHEN INLET VELOCITIES WILL BE LESS THAN 10 FEET PER SECOND.

3. USE PARKWAY CULVERT TYPE "C" WHEN INLET VELOCITIES ARE LESS THAN 5 FEET PER SECOND.

4. FLOOR OF PARKWAY CULVERT SHALL HAVE A STEEL TROWEL FINISH.

5. ALL EXPOSED METAL SHALL BE GALVANIZED AFTER FABRICATION.

6. HEIGHT OF CURB OPENING FOR TYPES "A" & "B" PARKWAY CULVERTS WILL VARY WITH TYPE OF CURB.

7. SPAN "S" AND HEIGHT OF CURB OPENING WILL BE DETERMINED FROM THE REQUIRED HYDRAULIC CAPACITY AND LIMITED TO THE DIMENSION IN TABLE I.

8. REINFORCING STEEL SHALL BE 1" CLEAR TO INSIDE OF CULVERT UNLESS OTHERWISE SHOWN.

CITY OF MISSION VIEJO

PARKWAY CULVERT (DETAILS & NOTES)

STANDARD PLAN NO.

407

APPROVED RCE 30190 DATE SHT 4 OF 4