MANHOLE COVER & FRAME
ALHAMBRA A-1251, DIAMOND TREAD
WITH CAST LETTERS "CWD".
PAINT PER STANDARD SPECIFICATIONS.

GRADE RINGS
AS REQUIRED
12" MAX

FILL WITH
3/4" CRUSHED
ROCK TO TOP
OF PIPE

Pour concrete footing
against undisturbed earth,
or 95% min compacted soil
Class 560-C-3250. (Typ)

VAULT SECTION

2" MIN JOINT FILLER
MATERIAL. VAULT SECTION SHALL
NOT BEAR ON THE PIPE.

2" MIN APPROVED JOINT FILLER
MATERIAL. VAULT SECTION SHALL
NOT BEAR ON THE PIPE.

VAULT SECTION

END VIEW

5" MIN

3.5" MIN

53" MAX

3 - #6 BARS
HOG WACHS 6"

24"

6"

TYP

36" I.D

INCREASING
STATION

SIDELINE PIPE

SPRING LINE PIPE

WATER DISTRIBUTION & TRANSMISSION
PIPELINE CONSTRUCTION METHODS

MANHOLE DETAIL
48" MAX ID PIPE

CITY OF RIVERSIDE PUBLIC UTILITIES STANDARD DRAWING

NOTES:

1.) STEPS SHALL BE 16" WIDE, STIRRUP TYPE SAFETY STEPS
MANUFACTURED TO RECOMMENDED MANUFACTURER'S SPEC.

2.) WHEN MANHOLE IS IN PAVED AREA, MANHOLE FRAME SHALL
BE SET AFTER ADJACENT PAVEMENT HAS BEEN PLACED.
TOP SHALL BE Flush WITH PAVEMENT.

3.) VAULT SHALL BE DESIGNED FOR H-20, S-16 LOADING.

4.) VAULT SHALL BE SEALED WITH AN APPROVED JOINT SEALANT.

5.) LOCATION FOR MANHOLES OVER MANWAYS AS SHOWN ON THE
PLAN AND PROFILE SHEETS.

INCREASING
STATION

5.5" MIN

ECCENTRIC CONE

36"

6'-0" DIA

16" MAX

3'-0"

1/2 CD + 2'

TYP

CWD-816