RECYCLED WATER
BROOKS 4TT
H&C #1

DOMestic WATER
BROOKS 3RT
H&C 10"

NOTE: USE EXTRA DEEP
ROUND IN TRAFFIC SPEEDS
GREATER THAN 35 MPH

24" DIA. FOR 3RT

26" DIA. FOR 4TT
A.C. PAVEMENT

FINISHED GROUND
SURFACE

CLASS "B"
CONCRETE COLLAR
(TYP.)

VALVE BOX

TRACER WIRE. 14 GA BARE
COPPER WIRE, TAPED TO PIPE
EVERY 10' AND FIXED TO TOP
OF VALVE CAN. TRACER WIRE
FOR ACP OR PVC ONLY.

SDR35 PIPE FOR VALVE WELL MATERIAL

BACKFILL AROUND VALVE
WITH SAND PER SECTION 15100

WATER MAIN

CLASS "B"
CONCRETE
ANCHOR BLOCK

#4 STEEL REINFORCING BARS
COATED WITH 3M EC-244, KOPPERS
CO. BITUMASTIC NO. 505 OR
APPROVED EQUAL ONLY TO
EXPOSED PART OF REINFORCING
BARS

VALVE & VALVE BOX INSTALLATION

CITY OF SAN
JUAN CAPISTRANO

W-13

REVISIONS
NO. DATE APPROVED

CITY OF SAN
JUAN CAPISTRANO
WATER ENGINEERING MANAGER

9.17.12

STD. NO.

SHEET 1 OF 2
CONSTRUCTION NOTES

1. PROVIDE VALVE STEM EXTENSION IF DEPTH TO VALVE NUT EXCEEDS 3 FFET. SEE DRAWING W-9.

2. IN NEW TRACT DEVELOPMENTS, PRIOR TO PAVING, EXTEND VALVE PIPE WELL 2' ABOVE GROUND ON KEY VALVES; FOR EMERGENCY SHUTOFFS.


4. WHERE CONCRETE CROSS GUTTERS WILL EXIST AT STREET INTERSECTIONS WHICH WILL INTERFERE WITH VALVE BOXES, THE PIPELINE SHALL BE MOVED TO A POSITION CLEAR OF THE CROSS GUTTER.

5. VALVES TO BE LOCATED ADJACENT TO FITTINGS wherever possible.

6. VALVE LIDS TO BE PAINTED AND MARKED PER SECTIONS 09900 AND 15151.