



ITEM	QTY	DESCRIPTION
①	___LF	___" CML&C STEEL PIPE
②	4 EA	___" 45° STEEL BEND
③	2 EA	CONNECTION TO EXISTING PIPE, AND RESTRAINT, SHALL BE DETERMINED BY THE DESIGN ENGINEER AND APPROVED BY SBMWD. POSSIBLE CONNECTION METHODS INCLUDE BUTTSTRAPS, RESTRAINED MECHANICAL COUPLINGS, OR OTHER APPROVED METHODS.
④	1 EA	___" COMBINATION AIR/VACUUM VALVE PER SBMWD STD. DWG. W7.1 OR W7.2. SBMWD SHALL DETERMINE NECESSITY OF VALVE ON A CASE BY CASE BASIS.
⑤	1 EA	6" FIRE HYDRANT BLOWOFF PER SBMWD STD. DWG. W2.2 (4" DIA. PIPE AND LESS) OR 8" BLOWOFF PER SBMWD STD. DWG. W6.18 (PIPE SIZE 16"). SBMWD SHALL DETERMINE NECESSITY ON A CASE BY CASE BASIS.

**NOTES:**

1. CONTRACTOR TO FIELD VERIFY EXISTING STEEL PIPE THICKNESS, COATING AND LINING AND MATCH EXISTING.
2. ALL JOINTS TO BE WELDED PER SBMWD STD. DWG. W6.10A

REVISION DATE: 3/15/2011

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

DRAWING NUMBER

**4' THROUGH 16' VERTICAL OFFSET OF EXISTING STEEL PIPE**

SBMWD

W6.10

APPROVED

MATTHEW H. LITCHFIELD, P.E. RCE 58079

DATE

10/11/11

D.D.M. MAR. 11

M.H.L. FEB. 04

REVISION DATE

SCALE: NONE