**ITEM** | **QTY** | **DESCRIPTION**
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1 | 2 EA | ____" STRAIGHT/TRANSITION COUPLING (ROMAC IND. STYLE 501 OR APPROVED EQUAL) (FOR STEEL PIPE USE WELD FLANGE W/ RESTRAINED FLANGE x MJ ADAPTOR)
2 | ____ LF | ____" DUCTILE IRON PIPE
3 | _ | NOT USED
4 | 2 EA | CONCRETE IN-LINE THRUST BLOCK PER SBMWD STD. DWG. W6.11 (AT THE DISCRETION OF THE SBMWD INSPECTOR, THRUST BLOCK MAY NOT BE REQUIRED WHEN EXISTING PIPE IS STEEL OR EQUIVALENT LENGTH OF RESTRAINED JOINT PIPE)
5 | 4 EA | ____" 45° D.I. BEND (MJ)(RESTRAINED)
6 | 2 EA | #4 REBAR (MAINTAIN 3" MIN. DISTANCE FROM EARTH)
7 | 1 EA | ____" COMBINATION AIR VACUUM RELEASE PER SBMWD STD. DWG. NO. W7.1 OR W7.2
8 | 2 EA | EBAA IRON SERIES 1100CH OR EQUAL
9 | 2 EA | SPLIT RING MEGALUG LINEAL RESTRAINT

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**SAN BERNARDINO MUNICIPAL WATER DEPARTMENT**

**4" THROUGH 16" VERTICAL OFFSET OF EXISTING D.I., C.I., A.C., OR STEEL PIPE**

**DRAWING NUMBER**

SBMWD

W6.9A