



NOTES:

1. MAKE 3/4" TOP TAP - INSTALL RISERS AS SHOWN.
2. SEE THE ENGINEER'S APPROVED LIST FOR APPROVED VAULTS AND COVERS.
3. THE LOW FLOW BY-PASS (PART NUMBERS 8-13) SHALL BE INSTALLED UNLESS OTHERWISE APPROVED BY THE DISTRICT AND SHALL BE A MIN. 4" IN SIZE. IF A SINGLE P.R.V. IS INSTALLED, CENTER IN VAULT AND CHANGE PARTS NUMBER 4 TO 90° FLANGED BENDS, AND DELETE PART 5.
4. 2" SCHEDULE 40 P.V.C. DRAIN PIPE SHALL BE INSTALLED FROM A PERFORATED SUMP CANISTER TO AN EXISTING DRAINAGE SYSTEM OR TO DAYLIGHT.
5. VALVES 18" AND LARGER SHALL BE BUTTERFLY VALVES. VALVES 16" AND SMALLER SHALL BE RESILIENT WEDGE GATE VALVES.
6. ALL PRESSURE REDUCING VALVES TO BE EPOXY FUSED, INSIDE AND OUTSIDE.
7. RESTRAINED JOINTS ARE REQUIRED FOR ALL NEW CONSTRUCTION. THRUST BLOCKS ARE ONLY REQUIRED WHERE EXISTING SERVICES ARE BEING MODIFIED AND RESTRAINED JOINTS ARE NOT USED.

NO.	ITEM
(1)	MECHANICAL JOINT TEE
(2)	MECHANICAL JOINT GATE VALVE STD. 877
(3)	DUCTILE IRON PIPE - FL. X P.E.
(4)	FLANGED TEE
(5)	FLANGED GATE VALVE STD. 877
(6)	FLANGED COUPLING ADAPTER
(7)	FLANGED P.R.V. - HIGH FLOW
(8)	FLANGED REDUCER
(9)	FLANGED 90° ELL
(10)	FLANGED GATE VALVE STD. 877
(11)	DUCTILE IRON PIPE - FL. X FL.
(12)	FLANGED COUPLING ADAPTER
(13)	FLANGED P.R.V. - LOW FLOW
(14)	3/4" BALLCORP (FORD FB 1000)
(15)	3/4" TYPE "K" COPPER TUBING
(16)	3/4" COMP. X F.I.P. ADAPTER (FORD C14-33)
(17)	3/4" M.I.P X HOSE BIBB - BRASS
(18)	3/4" M.I.P. TEE WITH TWO (2) 3/4" F.I.P. X H.B.

NAPA SANITATION DISTRICT



TITLE

PRESSURE REDUCING
VALVES

DATE:

MAY 2012

DRAWING NO.

CHECKED BY:

MW

APPROVED BY:

TH

RW-14

SCALE:

NONE