

FIRE HYD. STAKING REQUIRES
3 HUBS W/5' OFFSETS
DENOTING ELEVATION OF
CONC. APRON

WATER MAIN

MACHINE 0.18" TO 0.25" DEEP, V-GROOVE
(EQUALLY SPACED, 2 SPACES)

PAINT CHECK VALVE BODY AND SPOOL TO CONCRETE.

0.25" PER FOOT RISE FROM TOP OF CURB OR EDGE OF ROAD.

TRACER WIRE ACCESS PORT.
4"x 8" LONG SDR-35 SEWER PIPE
WITH CAP SET FLUSH WITH PAD
OR 2" SCHED. 80 PIPE W/2"
THREADED PLUG

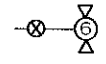
- ① FIRE HYDRANT
- ② 6" EXTENSION SPOOL (DOUBLE MACHINE GROOVED)
- ③ BREAK-AWAY CHECK VALVE BODY ASSEMBLY REQUIRED.
- ④ EXTENSION SPOOL(S) / NO GROOVES
FLANGE DUCTILE IRON (MAXIMUM OF 2 SPOOLS)
- ⑤ 7.5" x 3" HEX HEAD MACHINE BOLTS AND NUTS (TYPICAL)
- ⑥ 6" x 16" LONG RADIUS FLG x PO BURY ELL
- ⑦ 6" POLYVINYL CHLORIDE (PVC).
- ⑧ VALVE AND CONCRETE SUPPORT, STD. DWG. 5-5 (TYPE A)
- ⑨ VALVE WELL AND COVER, STD. DWG. 5-3
- ⑩ 4' x 4' x 8" THICK CONCRETE SPLASH PAD
- ⑪ TAPPING SLEEVE OR TEE DEPENDING ON SIZE OF PIPE

CONCRETE THRUST BLOCK
SEE STD. DWG 5-7

NOTES:

1. EXTENSION SPOOL CALLOUTS 3 & 4
MAYBE COMBINED AS ONE SPOOL.
2. SEE STD. DWG. 4-2 FOR FIRE HYDRANT
LOCATIONS.
3. PLACE STD. VALVE WELL & COVER
OVER VALVE. PROTECTION POSTS
MAY BE REQUIRED SEE STD. DWG. 4-3
4. FIRE HYDRANT FLANGE BOLTS SHALL BE
A307 ZINC-PLATED BOLTS INSTALLED
WITH NUTS ON TOP OF THE FLANGE.
BREAK AWAY BOLTS SHALL NOT BE USED.

LEGEND ON PLANS



REVISIONS	APPROVED	DATE	VISTA IRRIGATION DISTRICT	
UPDATED	B. SMITH	03/25/11	6" FIRE HYDRANT ASSEMBLY	<i>Brian Smith</i> 3/25/11 BRIAN SMITH DATE R.C.E. 39926
				STD. DWG. 4-1