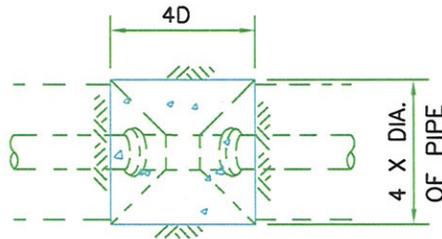


ELEVATION



SECTION

VERTICAL BEND

CONSTRUCTION NOTES

1. PIPE ON SLOPES GREATER THAN 20% AND OUTSIDE OF RIGHT OF WAY SHALL BE FULL WELD CML&C.
2. ALL THRUST BLOCKS SHALL BE CLASS "B" CONCRETE AND PLACED AGAINST UNDISTURBED SOIL.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A15 AND A305.
4. CONCRETE SHALL NOT EXTEND ONTO FLANGE OR ADJOINING PIPE.

VERTICAL THRUST RESTRAINT DETAIL

REVISIONS			CITY OF SAN JUAN CAPISTRANO	STD. NO.
NO.	DATE	APPROVED		W-15
			 APPROVED <i>[Signature]</i> WATER SERVICES MANAGER	1-15-08 DATE