

FIG. 1

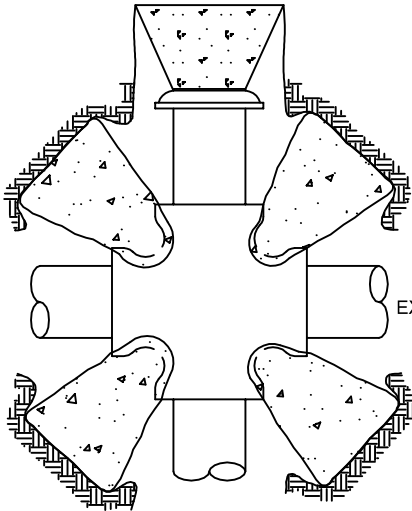


FIG. 2

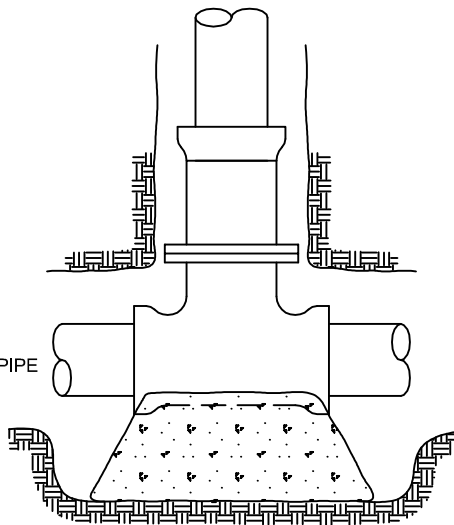
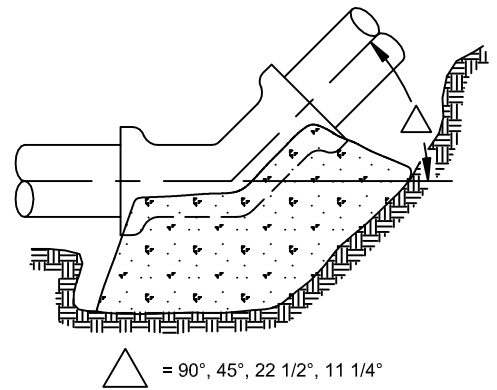


FIG. 3

(HORIZONTAL OR VERTICAL BEND)



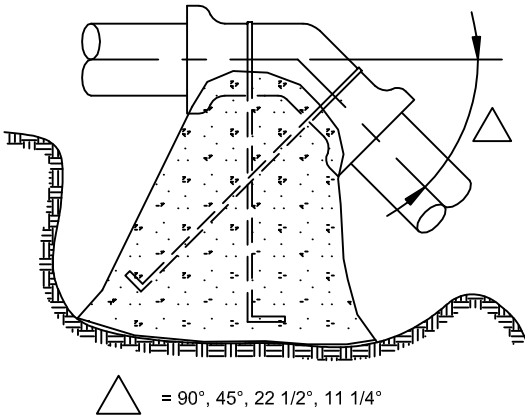
△ = 90°, 45°, 22 1/2°, 11 1/4°

NOTES:

- 1) CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED IN ALL PIPELINES AT THE LOCATIONS SHOWN HEREON WHERE THE RESPECTIVE FITTINGS AND PLUGS ARE INSTALLED.
- 2) #4 REBAR LOOPS SHALL EXTEND TO THE DEPTH OR WIDTH OF BLOCK. WRAP EXPOSED METAL WITH 10 MIL TAPE PRIOR TO INSTALLTION.
- 3) ALL THRUST BLOCKS TO BE FORMED WITH SAND BAGS.
- 4) FOR CLASS 200 PIPE INCREASE AREAS AND VOLUMES BY 33%.

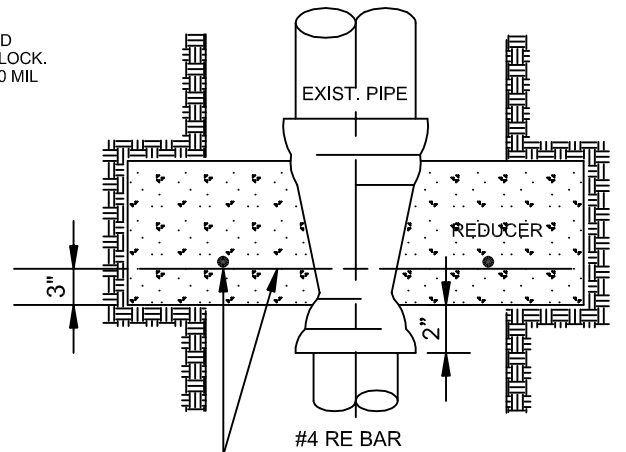
FIG. 4

(VERTICAL BEND ONLY)

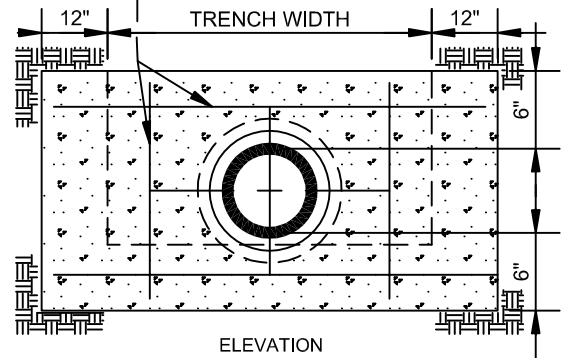


△ = 90°, 45°, 22 1/2°, 11 1/4°

PLAN



#4 RE BAR



ELEVATION

ANCHOR BLOCK

MINIMUMS-SPECIAL DESIGN MAY BE REQUIRED

SIZE OF PIPE	BEARING AREA IN SQUARE FEET						CUBIC FEET		
	FIG 1	FIG 2	FIG 3				FIG 4		
	CL. 150	CL. 150	90° CL. 150	45° CL. 150	22 1/2° CL. 150	11 1/4° CL. 150	45° CL. 150	22 1/2° CL. 150	11 1/4° CL. 150
4"	3	3	4	2	1	1	19	10	5
6"	5	5	7	4	2	1	-	20	10
8"	9	9	12	7	3	2	-	-	18
10"	14	14	20	11	6	3	-	-	30
12"	20	20	29	16	8	4	-	-	-
14"	28	28	39	21	11	5	-	-	-

REVISIONS

DESCRIPTION	APPROVED	DATE
#4 REBAR WRAP		8-21-07

VALLECITOS WATER DISTRICT STANDARD DRAWING

DATE: JAN. 04

THRUST AND ANCHOR BLOCKS

BY:

Drawing No.

W-15