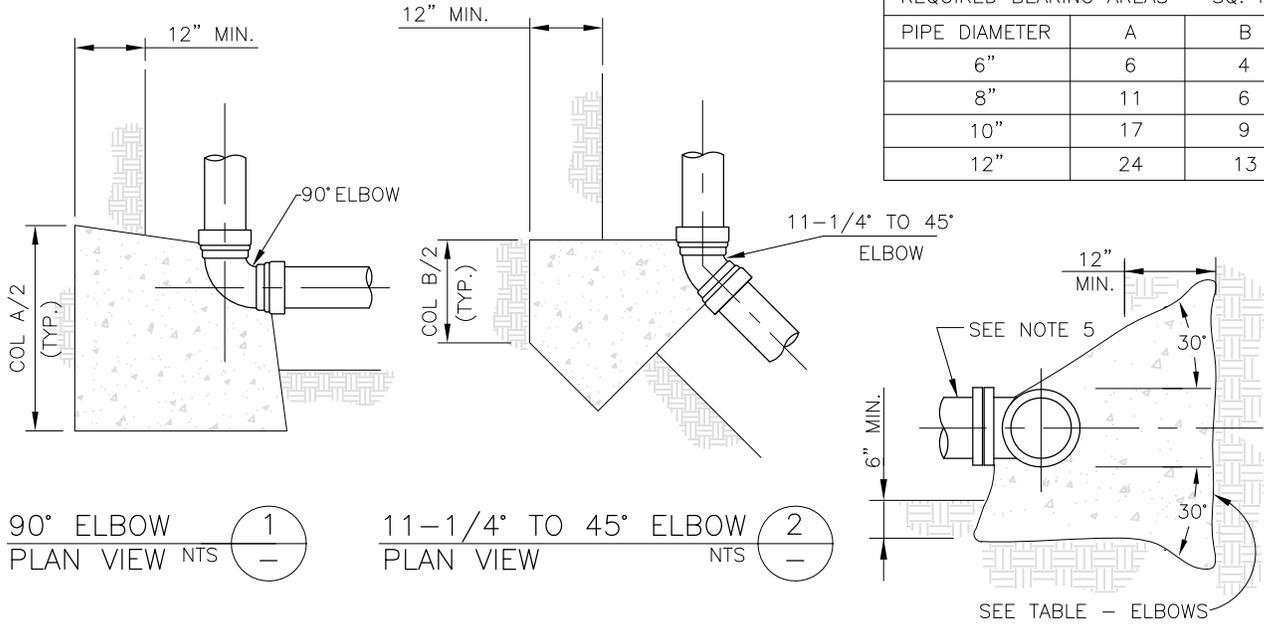


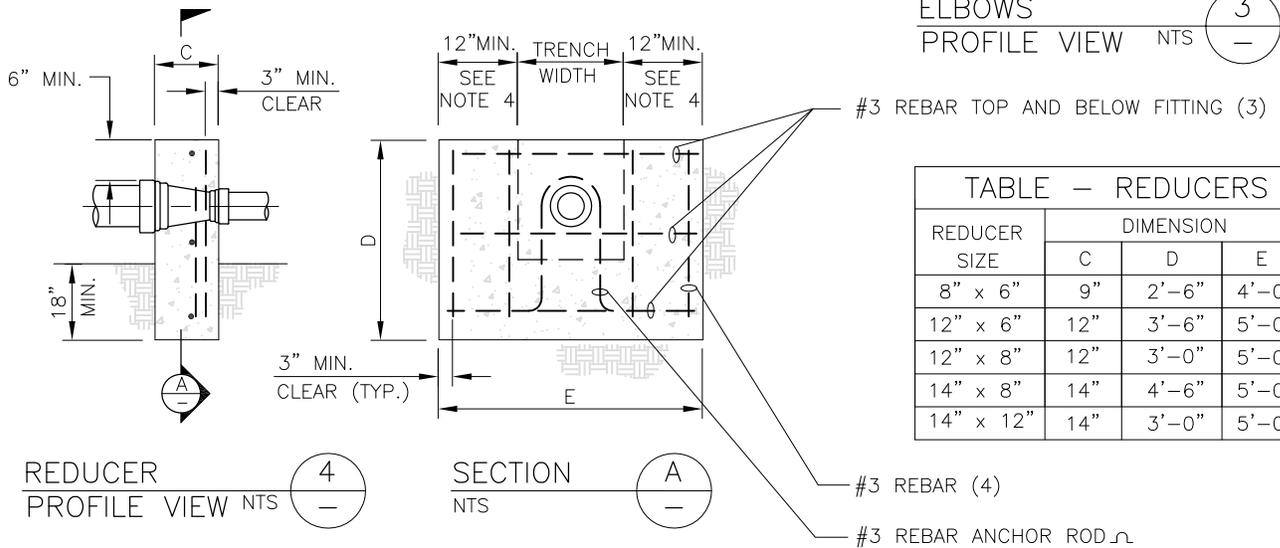
TABLE - ELBOWS		
REQUIRED BEARING AREAS - SQ. FT.		
PIPE DIAMETER	A	B
6"	6	4
8"	11	6
10"	17	9
12"	24	13



90° ELBOW
PLAN VIEW NTS (1)

11-1/4° TO 45° ELBOW
PLAN VIEW NTS (2)

ELBOWS
PROFILE VIEW NTS (3)



REDUCER
PROFILE VIEW NTS (4)

SECTION
NTS (A)

TABLE - REDUCERS			
REDUCER SIZE	DIMENSION		
	C	D	E
8" x 6"	9"	2'-6"	4'-0"
12" x 6"	12"	3'-6"	5'-0"
12" x 8"	12"	3'-0"	5'-0"
14" x 8"	14"	4'-6"	5'-0"
14" x 12"	14"	3'-0"	5'-0"

NOTES:

1. DETAILS BASED ON 150 P.S.I. PRESSURE, 1,000 P.S.F. SOIL BEARING. USE 6 SACK 3/4" AGGREGATE MAX. CONCRETE MIX.
2. COAT FITTING PER SPECIFICATIONS PRIOR TO PLACEMENT IN TRENCH.
3. CAST CONCRETE THRUST BLOCK AGAINST UNDISTURBED EARTH.
4. THRUST BLOCKS TO EXTEND INTO UNDISTURBED EARTH EQUAL DISTANCES ON EACH SIDE OF THE MAIN.
5. CONCRETE SHALL NOT BE CAST AGAINST PVC PIPE.



ALAMEDA COUNTY WATER DISTRICT
43885 SOUTH GRIMMER BOULEVARD
P.O. BOX 5110
FREMONT, CA 94537-5110
(510) 668-4200

STANDARD DRAWING

THRUST BLOCKING
FOR PVC PIPE HORIZONTAL FITTINGS

APPROVED *Albert Chavez* 12/15/2008
ENGINEERING MANAGER DATE

				DESIGNED	ACWD	DATE:	DEC. 2008
				DRAWN	RMF	SCALE:	NONE
0	12-08	REPLACES STD. DWG. TB-2	RMF	LJA	CHECKED	LJA	DWG. NO.
NO.	DATE	REVISION	BY	APP.	DIV. MGR.	EHS	REV.
							TB-2-08
							0