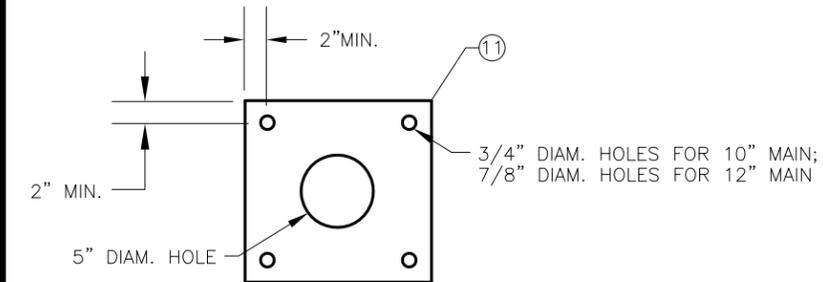


PROFILE
NTS

SECTION A
NTS

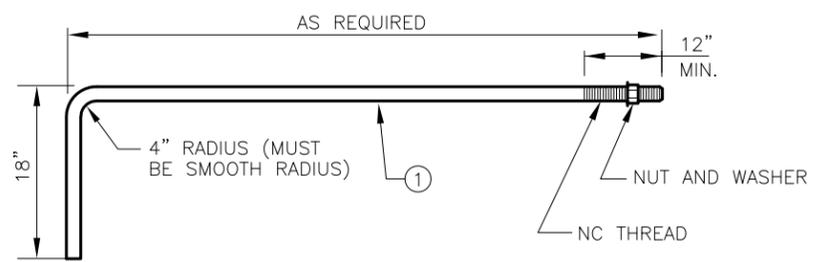


STEEL PLATE DETAIL FOR STANDARD BLOWOFF NTS **2**

MATERIAL LIST					
ITEM	QTY	FOR MAIN SIZE		DESCRIPTION	
		10"	12"		
1	4	5/8" DIAM.	3/4" DIAM.	TIE ROD. SEE DETAIL 1	
2	1	10"x4"	12"x4"	DUCTILE OR GRAY IRON END CAP OR PLUG FOR PVC PIPE, WITH THREADED TAP	
3	1	4"	4"	GALVANIZED NIPPLE, THREADED ENDS	
4	2	4"	4"	THREADED FLANGE	
5	1	4"	4"	FLG. GATE VALVE, N.R.S. WITH 2" OPERATING NUT	
6	1	4"	4"	GALVANIZED NIPPLE, THREADED ENDS	
7	1	4"	4"	90° GALVANIZED THREADED ELL	
8	1	4"	4"	GALVANIZED NIPPLE, THREADED	
9	1	4"	4"	GALVANIZED COUPLING, THREADED	
10	1	4"	4"	GALVANIZED BAR TYPE PLUG, THREADED (HAND TIGHT)	
11	1	20"x20"x1/2"	22"x22"x5/8"	STEEL PLATE DRILLED FOR ANCHOR RODS. SEE DETAIL 2	
12	1	VARIES	VARIES	PIPE SLEEVE (CYLINDRICAL CONCRETE FORM OR APPROVED PIPING MATERIAL)	
13	1	-	-	PREPACKAGED ZINC ANODE. SEE NOTE 6	

TABLE			
DIMENSIONS FOR REVERSE ANCHOR			
SIZE MAIN	DIMENSION A	DIMENSION B	
10"	5'-0"	4'-0"	
12"	5'-6"	5'-0"	

- NOTES:**
- CLEAN AND COAT ALL FERROUS METAL AS SPECIFIED.
 - PORTION OF TIE RODS IMBEDDED IN CONCRETE ARE NOT TO BE COATED.
 - CONCRETE TO BE 6 SACK 3/4" MIX.
 - ALL BLOWOFFS SHALL HAVE CURB MARKINGS OR MARKER POSTS. SEE STANDARD DRAWING MP-1-08.
 - FOR ANODE CONNECTION, SEE STANDARD DRAWING ET-1-08.
 - PLACE PREPACKAGED ZINC ANODE IN TRENCH SO AS TO MAXIMIZE DISTANCE BETWEEN GALVANIZED PIPE AND ANODE. ANODES SHALL BE HIGH PURITY ZINC MEETING ASTM B418, TYPE II.



TIE ROD DETAIL NTS **1**

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

NO.	DATE	REVISION	BY	APP.	DIV. MGR.	EHS
0	12-08	REPLACES STD. DWG. TB-4	RMF	LJA	CHECKED	LJA

DESIGNED ACWD
DRAWN RMF
CHECKED LJA
DIV. MGR. EHS

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

STANDARD DRAWING

STANDARD BLOWOFF FOR 10" AND 12" PVC MAINS

DATE: DEC. 2008
SCALE: NONE
DWG. NO. **TB-4-08**
REV. **0**