

SURFACE

BLOCK

(TYP.)

BEARING

SURFACE

MJ, TYP. BOTH SIDES —		VALVE ANCHOR AND THRUST BLOCK PER DETAIL 4, THIS SHEET
GATE VALVE & VALVE BOX		
SCALE: N.T.S.		
FILL WITH SLURRY — ABANDONE TYPICAL PIPE CONCRETE PI	-	CONCRETE PLUG
SCALE: 1" = 1'		

─ 4-7/16" O.D.

GUIDE RING DETAIL

1/4" THICK

- SET SCREW

-INSTALL AS REQUIRED

MAINTAIN SEPARATION -

OF 6" BETWEEN WELL

AND PIPE

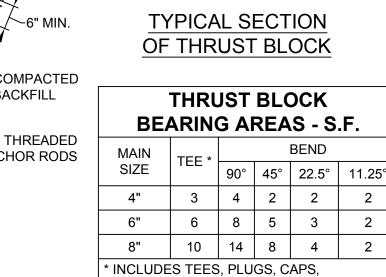
THRUST AND ANCHOR BLOCK DETAIL

BLOCK

(TYP.)

90° ELBOW

45° ELBOW



GENERAL NOTES:

⁻└─ 2-1/2"x 2-1/2"x 3/8"

- 1/4" PLATE

STIFFENER

THREADED RODS

HYDRANTS & VALVES

- 1. THRUST BLOCKS TO BE CONSTRUCTED PER N.F.P.A. 24.
- 2. ALL THRUST/ANCHOR BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL. 3. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- BOLTS SHALL BE MINIMUM 5/8" DIA. & ANCHOR STRAPS SHALL BE 3" X 1/4". 5. THRUST BLOCK DESIGN IS BASED ON A WATER PRESSURE OF 200 P.S.I. AND A MINIMUM ALLOWABLE SOIL BEARING VALUE OF 2,000 P.S.F. THE
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING SOIL BEARING VALUES AND THE POSITION AND SIZE OF BEARING AREAS BASED UPON N.F.P.A. 24.
- 6. THE HEIGHT OF THE BLOCK MUST BE LESS THAN HALF OF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK.
- 7. THE RATIO OF WIDTH TO HEIGHT OF THRUST BLOCK SHALL NOT EXCEED 1.5 TO 1.

NO.	QTY	MATERIAL DESCRIPTION	
1	2	8" POWER-SEAL TRANSITION COUPLING, MODEL 3501LB	
2	1	8" DUCTILE IRON SLEEVE, MJ X MJ	
3	1	8" DUCTILE IRON CAP WITH 2" TAP	
4	25'	8" DUCTILE IRON PIPE	
5	4	8" EBAA MEGALUG C900 RESTRAINTS, SERIES 2000 (2006PEC)	
6	1	8" EBAA SERIES 1600 RESTRAINT HARNESS FOR C900 PIPE BELLS	
7	1	8" RESILIENT WEDGE GATE VALVE, MJ X MJ,2" OP NUT, OPEN LEFT	
8	4	8" DUCTILE IRON 45 DEGREE BENDS, MJ X MJ	
9	1	8" X 20' C-900 PIPE, PC150	
10	1	8" X 1" STAINLESS STEEL SADDLE	
11	2	TYPE "C" CTS	
12	2	32 LB ANODE	
13	1	1" BALL CORPORATION STOP, MIP X MIP, FULL PORT	
14	1	1" INSTATITE STRAIGHT COUPLING, FIP X INSTATITE, I.P.S.	
15	4'	1" COPPER PIPE	
16	1	1" STRAIGHT COUPLING, SUPER GRIP X SUPER GRIP, WITH INSERTS, I.P	

GENERAL NOTES:

- COMPLETE REPLACEMENT PIPELINE FROM MJ GATE VALVE TO THE D.I. SLEEVE LOCATION. USE D. I. CAP WITH A 2" TAP FOR TEMPORARY WATER MAIN ISOLATION. USE TEMPORARY BALL VALVE AT D. I. CAP TO FACILITATE WATER MAIN FILLING AND FLUSHING. THE NEW SERVICE SADDLE LOCATION CAN ALSO AID IN FILLING THE WATER MAIN FROM EITHER NEARBY HYDRANT OR WATER SERVICE BIB.
- SEE SPECIFICATIONS FOR DISINFECTION AND TESTING PROCEDURES.
- 3. USE EBAA MEGALUG, OR ENGINEER APPROVED EQUAL, TO RESTRAIN D.I. CAP.
 - TIE INTO EXISTING AC MAINLINE AFTER RECIEVING SATISFACTORY RESULTS FROM TESTING.
- SNAP AND REMOVE SECTIONS OF THE EXISTING 8" TRANSITE PIPE TO ACCOMMODATE THE REPLACEMENT PIPELINE TIE-IN. NO SAWCUTTING OF TRANSITE PIPE IS PERMITTED.

County Of Marin State Of California

Town Of

Bolinas

Prepared Under the Direction of:

Scale: | 1" = 5' May 17, 2024 2023-29 County Plan No.

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