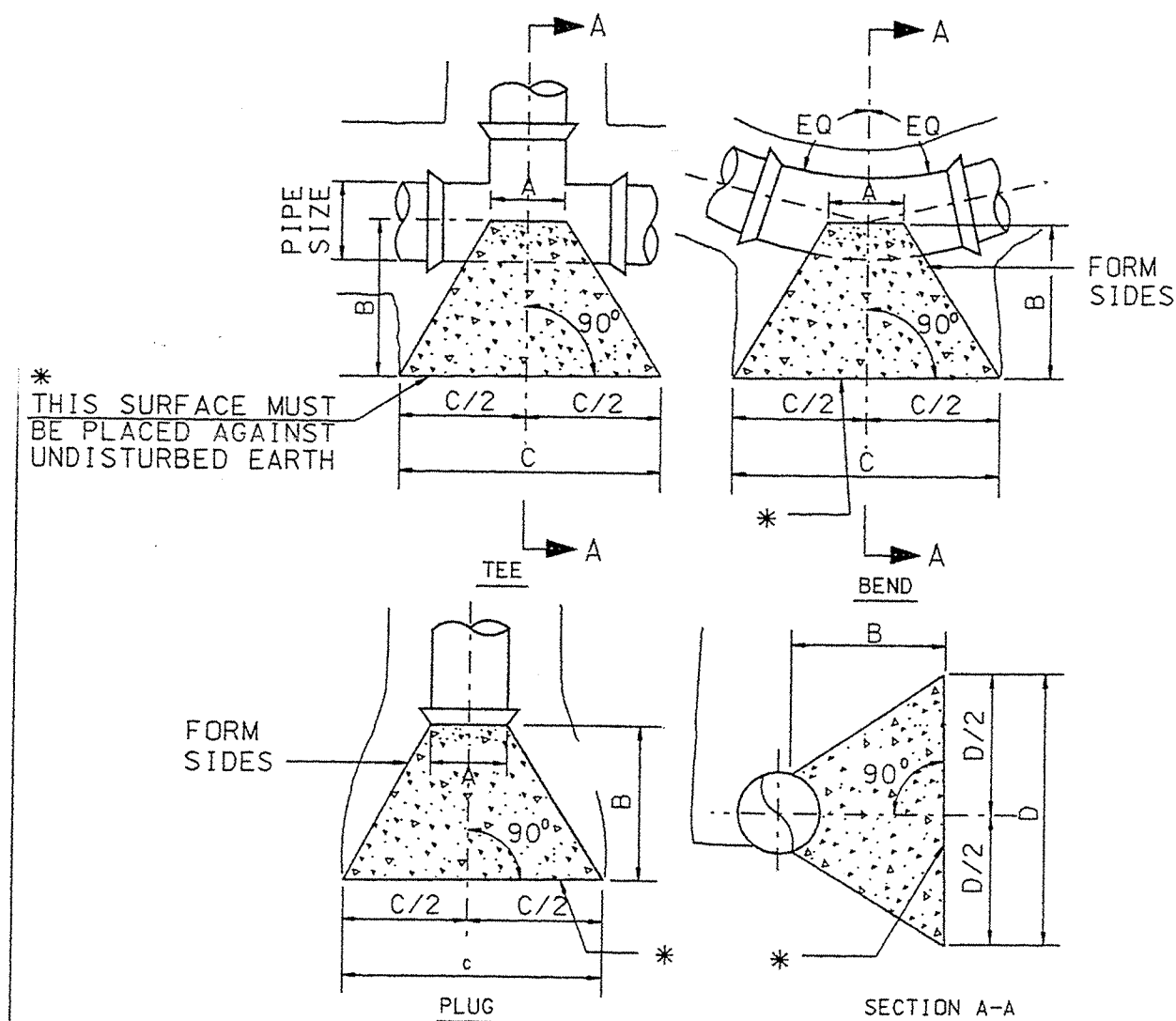


DETAIL 02713-12(A)
COBB COUNTY WATER SYSTEM
THRUST BLOCKING

AUGUST 7, 2001

AGENCY DIRECTOR



- NOTES: 1. SEE DETAIL 02713-12B FOR DIMENSION TABLES
2. COVER CONTACT SURFACE ON JOINT WITH ROOFING FELT PRIOR TO PLACEMENT OF CONCRETE

THRUST BLOCKING
STANDARD COBB COUNTY DETAIL # 02713-12(A)

DETAIL 02713-12(B)
COBB COUNTY WATER SYSTEM
THRUST BLOCK DIMENSIONS

AUGUST 7, 2001

AGENCY DIRECTOR

FITTING	PIPE DIA. (IN.)	THRUST		BLOCK C	DIM. (FEET)	APPROX. VOL. (CU. FT.)	BEARING AREA (SQ. FT.)	PRESSURE (PSI)
		A	B					
90° BEND	6	1.0	1.6	3.9	2.4	0.30	9.3	18,500
	8	1.2	2.1	5.2	3.1	0.56	19.9	21,825
	10	1.5	2.6	6.5	3.8	1.03	29.9	47,875
	12	1.7	3.0	7.8	4.5	2.06	33.8	67,525
	14	2.0	3.5	9.1	5.2	3.20	45.5	92,800
	16	2.2	4.0	9.9	5.9	4.99	56.8	117,645
45° BEND	6	0.8	1.2	2.8	1.7	0.11	5.0	10,025
	8	0.9	1.5	3.5	2.1	0.25	6.5	12,350
	10	1.0	1.8	4.2	2.5	0.47	8.0	15,050
	12	1.1	2.0	4.9	3.0	0.79	9.5	18,550
	14	1.2	2.2	5.6	3.5	1.21	11.0	22,225
	16	1.3	2.5	6.3	4.0	1.76	12.5	26,050
22 1/2° BEND	6	0.5	0.8	1.5	0.9	0.03	2.5	5,012
	8	0.6	1.0	1.8	1.1	0.05	3.0	6,062
	10	0.7	1.2	2.1	1.3	0.08	3.5	7,112
	12	0.8	1.3	2.4	1.5	0.12	4.0	8,162
	14	0.9	1.5	2.7	1.7	0.16	4.5	9,212
	16	1.0	1.6	3.0	1.9	0.21	5.0	10,262
11 1/4° BEND	6	0.3	0.5	0.8	0.5	0.01	1.3	2,680
	8	0.4	0.6	1.0	0.6	0.02	1.6	3,230
	10	0.5	0.7	1.2	0.7	0.03	1.9	3,780
	12	0.6	0.8	1.4	0.8	0.04	2.2	4,330
	14	0.7	0.9	1.6	0.9	0.05	2.5	4,880
	16	0.8	1.0	1.8	1.0	0.07	2.8	5,430
TEE / PLUG	6	0.8	1.2	2.8	1.7	0.11	5.0	10,025
	8	1.0	1.5	3.5	2.1	0.25	6.5	12,350
	10	1.2	1.8	4.2	2.5	0.47	8.0	15,050
	12	1.4	2.0	4.9	3.0	0.79	9.5	18,550
	14	1.6	2.2	5.6	3.5	1.21	11.0	22,225
	16	1.8	2.5	6.3	4.0	1.76	12.5	26,050

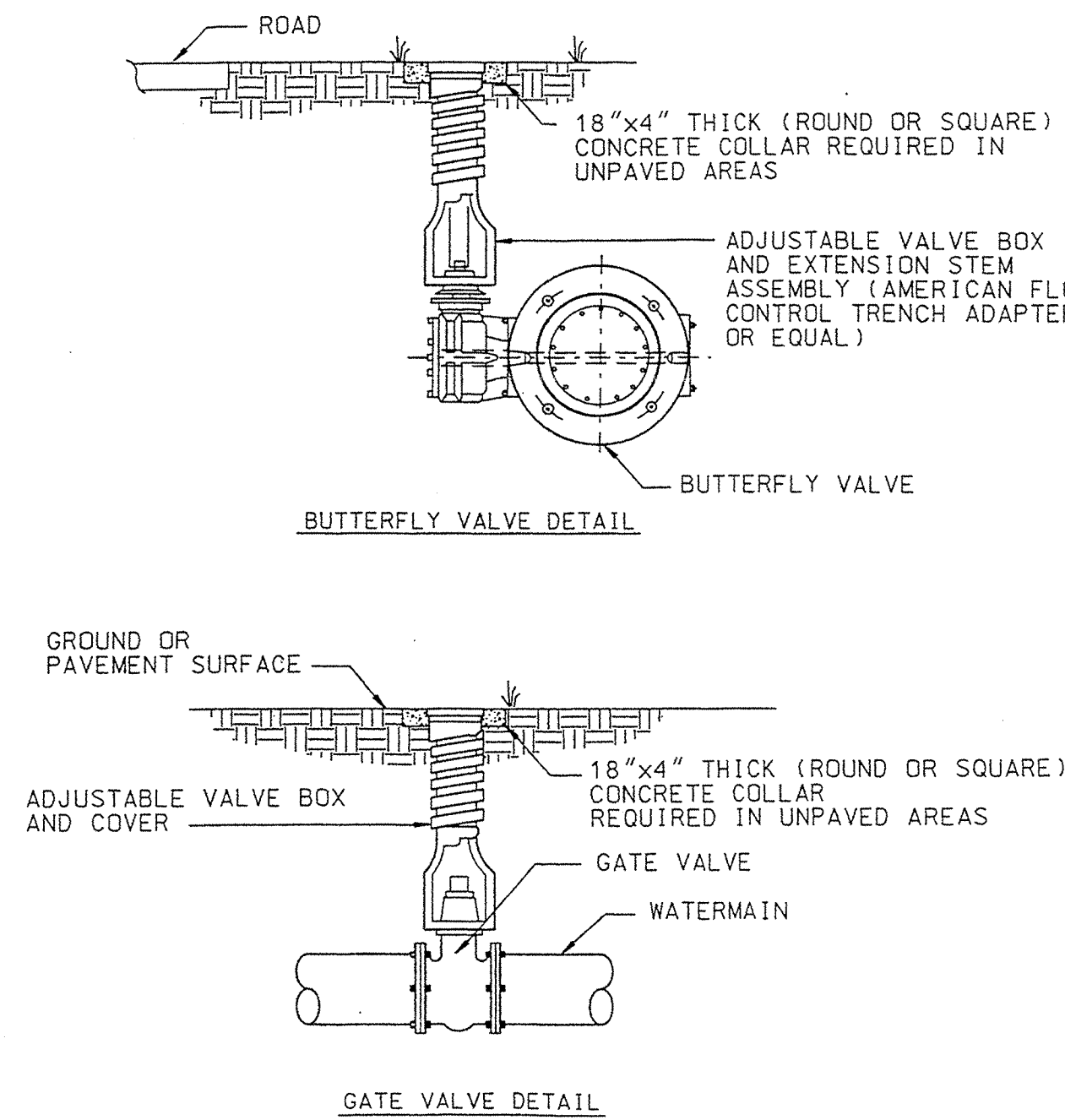
- Thrust Block Notes:
1. The dimensions and values in these tables are based on the following:
a. Water main test pressure = 350 p.s.i.
b. Horizontal bearing strength of soil = 2,000 p.s.f.
2. The bearing surface of the thrust block shall be placed against undisturbed soil. If this is not possible, the fill between the bearing surface and undisturbed soil shall be compacted to at least 95% Modified Proctor density.

THRUST BLOCK DIMENSIONS
STANDARD COBB COUNTY DETAIL # 02713-12(B)

DETAIL 02713-4
COBB COUNTY WATER SYSTEM
VALVE INSTALLATION

AUGUST 7, 2001

AGENCY DIRECTOR

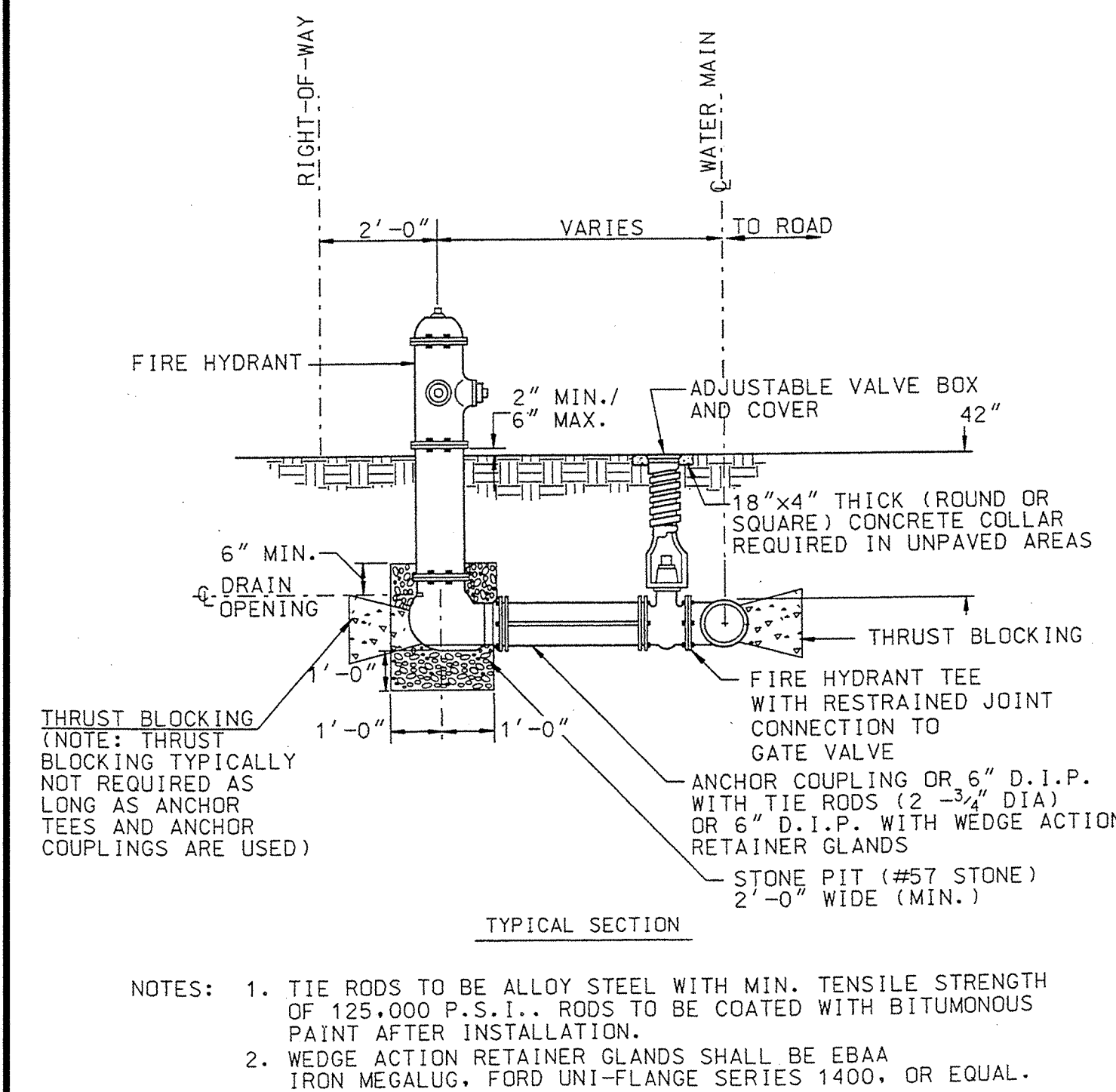


VALVE INSTALLATION
STANDARD COBB COUNTY DETAIL 02713-4

DETAIL 02713-3
COBB COUNTY WATER SYSTEM
FIRE HYDRANT INSTALLATION
(ROADWAY STANDARD)

AUGUST 7, 2001

AGENCY DIRECTOR

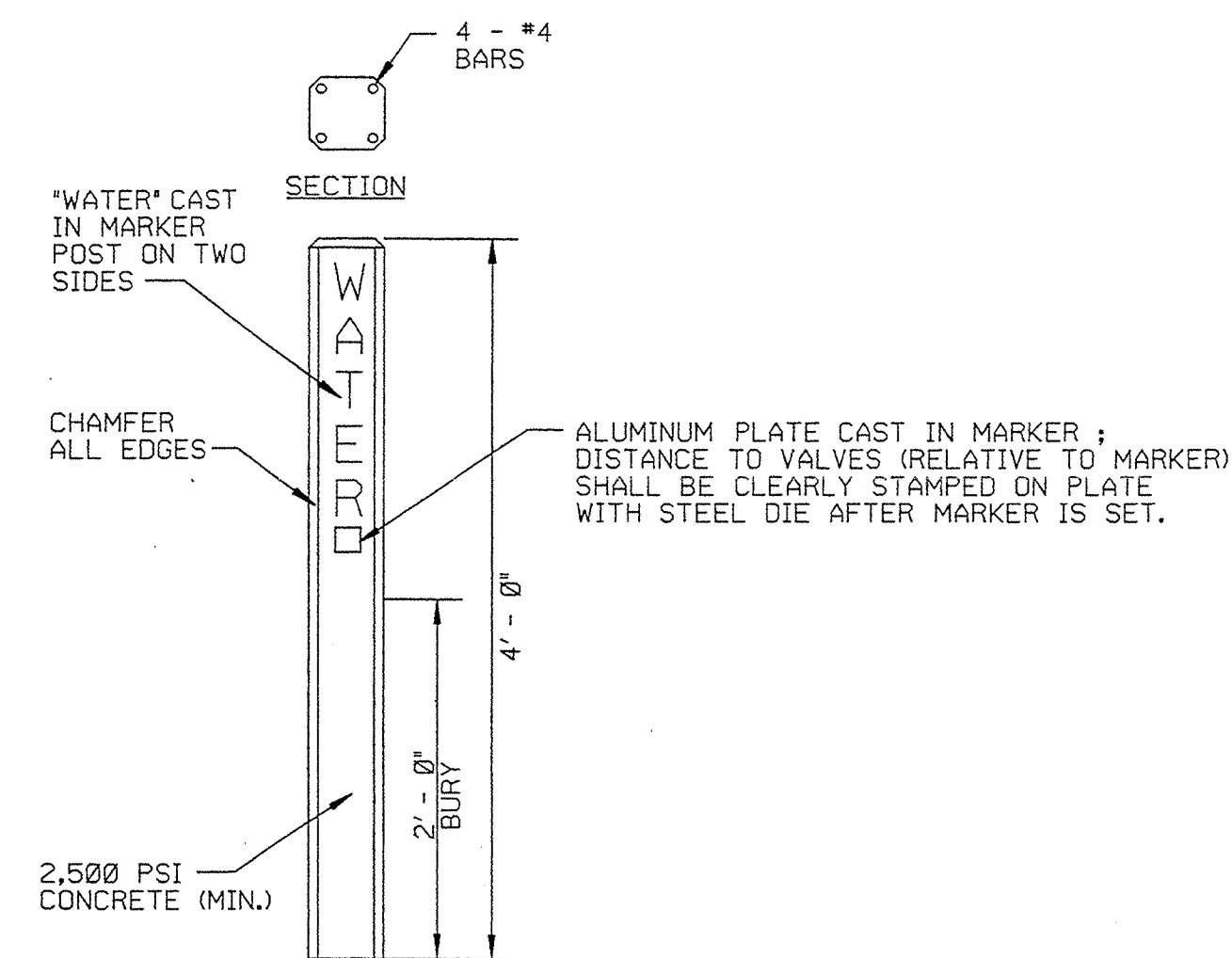


FIRE HYDRANT INSTALLATION (ROADWAY STANDARD)
STANDARD COBB COUNTY DETAIL 02713-3

DETAIL 02713-5
COBB COUNTY WATER SYSTEM
CONCRETE VALVE MARKER

AUGUST 7, 2001

AGENCY DIRECTOR



CONCRETE VALVE MARKER
STANDARD COBB COUNTY DETAIL 02713-5

DETAIL 02713-23
COBB COUNTY WATER SYSTEM
3/4\"/>

AUGUST 7, 2001

AGENCY DIRECTOR

METER SIZE IN INCHES	RESIDENTIAL	COMMERCIAL	IRRIGATION ONLY (STANDARD)	DOMESTIC	CONFINED IRR. & DOM.	FIRE PROTECTION	SIZE OF METER BOX IN INCHES (OUTSIDE DIM.) W x L x D	SIZE OF METER VAULT IN FEET (OUTSIDE DIM.) W x L x D	REQUIRED EASEMENT IN FEET W x L
3/4 x 3/4	X	X	X	X	X	X	14 x 20 1/4 x 18	14 x 20 1/4 x 18	#1 NONE
3/4 x 3/4	X	X	X	X	X	X	14 x 20 1/4 x 18	14 x 20 1/4 x 18	#1 5 1/2 x 4
1	X	X	X	X	X	X	14 x 20 1/4 x 18	14 x 20 1/4 x 18	#1 5 1/2 x 4
1 1/2	X	X	X	X	X	X	24 x 36 x 18	24 x 36 x 18	#2 5 x 6
1 1/2 wBP	X	X	X	X	X	X	24 x 36 x 18	24 x 36 x 18	#2 5 x 6
2	X	X	X	X	X	X	24 x 36 x 18	24 x 36 x 18	#2 5 x 6
2 wBP	X	X	X	X	X	X	24 x 36 x 18	24 x 36 x 18	#2 5 x 6
3 wBP	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	A 9 x 10
4 wBP	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	A 9 x 10
6 DC	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	A 9 x 10
6 FM x 3	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	B 11 x 15
8 DC	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	A 9 x 10
8 FM x 4	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	B 11 x 15
10 DC	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	C 9 x 11 1/2
10 FM x 6	X	X	X	X	X	X	36 x 48 x 18	36 x 48 x 18	D 15 x 17

- wBP WITH 2\"/>

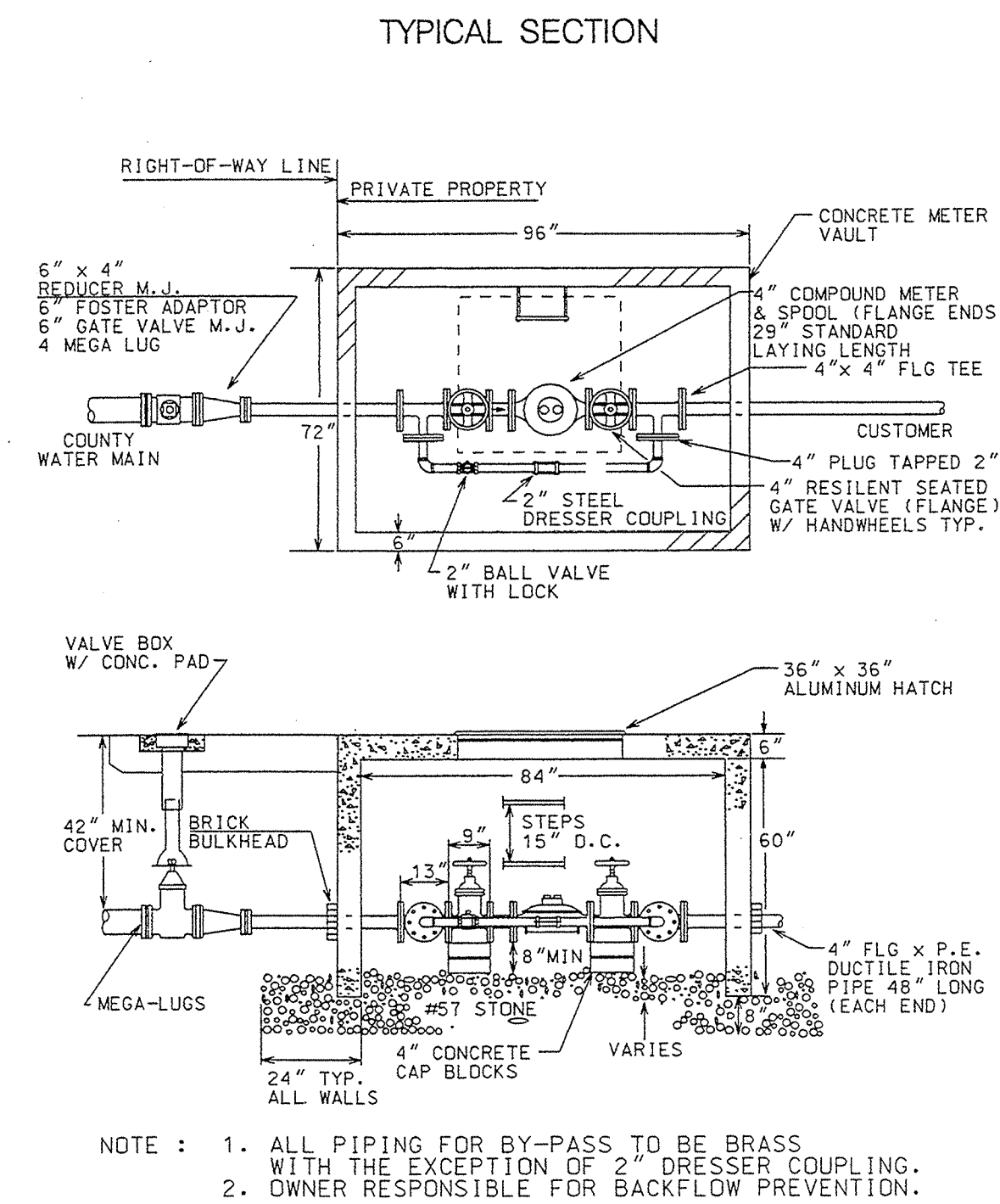
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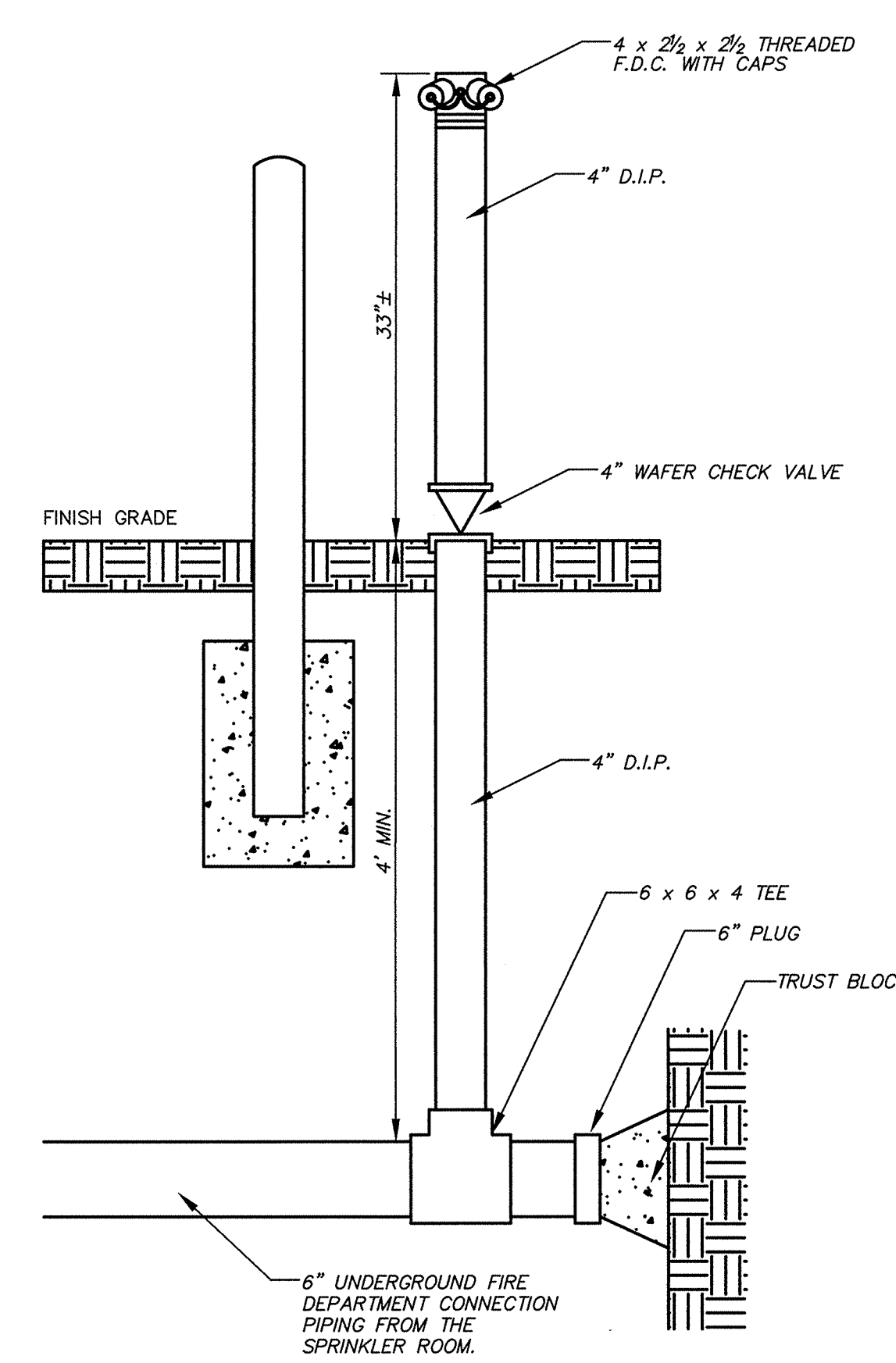
DETAIL 02713-20
COBB COUNTY WATER SYSTEM
4\"/>

AUGUST 7, 2001

AGENCY DIRECTOR



4\"/>



FREE STANDING FIRE DEPARTMENT CONNECTION