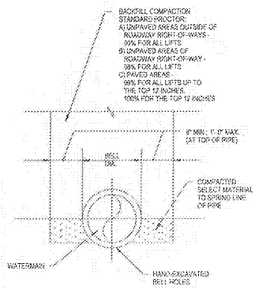
DETAIL 02713-1
COBB COUNTY WATER SYSTEM
WATER MAIN TRENCH DETAIL

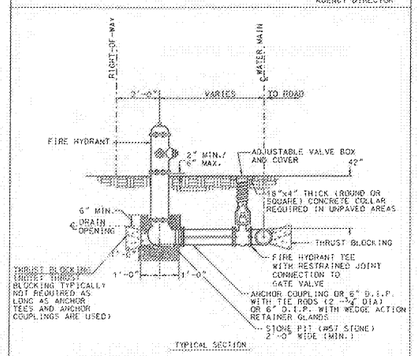
FEBRUARY 15, 2006 — AGENCY DIRECTOR

Steve McCullers



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

AUGUST 7, 2001 — AGENCY DIRECTOR

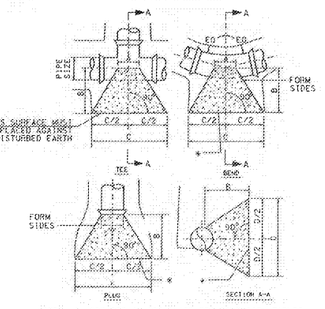


TYPICAL SECTION

NOTES: 1. TIE RODS TO BE ALLOY STEEL WITH MIN. TENSILE STRENGTH OF 125,000 P.S.I.. RODS TO BE COATED WITH BITUMONOUS PAINT AFTER INSTALLATION.
2. WEDGE ACTION RETAINER GLANDS SHALL BE EBAA IRON MEGALUG, FORD UNI-FLANGE SERIES 1400, OR EQUAL.

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

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

AUGUST 7, 2001 — AGENCY DIRECTOR

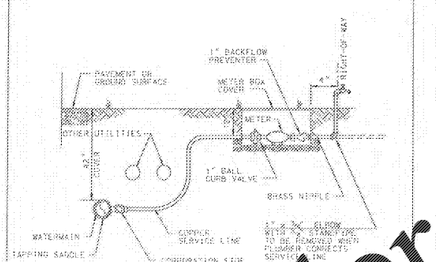
FITTING	PIPE DIA. (in.)	TEE/BEND A	ELBOW B	DIA. C	EFFECTIVE AREA (sq.ft.)	APPROX. VOL. (cu.yd.)	MINIMUM WEIGHT (lbs.)	DESIGN THRUST (lbs.)
90° ELBOW	4	1.0	1.0	1.0	0.5	0.25	500	15,000
	6	1.0	1.0	1.0	0.5	0.25	500	15,000
	8	1.0	1.0	1.0	0.5	0.25	500	15,000
	10	1.0	1.0	1.0	0.5	0.25	500	15,000
	12	1.7	1.0	1.0	0.5	0.25	500	15,000
	16	2.3	1.0	1.0	0.5	0.25	500	15,000
	20	2.8	1.0	1.0	0.5	0.25	500	15,000
	24	3.4	1.0	1.0	0.5	0.25	500	15,000
	30	4.2	1.0	1.0	0.5	0.25	500	15,000
	36	5.1	1.0	1.0	0.5	0.25	500	15,000
45° ELBOW	4	0.6	1.0	1.0	0.5	0.25	500	15,000
	6	0.8	1.0	1.0	0.5	0.25	500	15,000
	8	1.0	1.0	1.0	0.5	0.25	500	15,000
	10	1.2	1.0	1.0	0.5	0.25	500	15,000
	12	1.5	1.0	1.0	0.5	0.25	500	15,000
	16	2.0	1.0	1.0	0.5	0.25	500	15,000
	20	2.5	1.0	1.0	0.5	0.25	500	15,000
	24	3.0	1.0	1.0	0.5	0.25	500	15,000
	30	3.8	1.0	1.0	0.5	0.25	500	15,000
	36	4.5	1.0	1.0	0.5	0.25	500	15,000
22 ½° BEND	4	0.5	0.8	0.8	0.5	0.25	500	15,000
	6	0.6	0.8	0.8	0.5	0.25	500	15,000
	8	0.8	0.8	0.8	0.5	0.25	500	15,000
	10	0.9	0.8	0.8	0.5	0.25	500	15,000
	12	1.1	0.8	0.8	0.5	0.25	500	15,000
	16	1.5	0.8	0.8	0.5	0.25	500	15,000
	20	1.9	0.8	0.8	0.5	0.25	500	15,000
	24	2.3	0.8	0.8	0.5	0.25	500	15,000
	30	2.8	0.8	0.8	0.5	0.25	500	15,000
	36	3.4	0.8	0.8	0.5	0.25	500	15,000
11 ¼° BEND	4	0.3	0.6	0.6	0.5	0.25	500	15,000
	6	0.4	0.6	0.6	0.5	0.25	500	15,000
	8	0.5	0.6	0.6	0.5	0.25	500	15,000
	10	0.6	0.6	0.6	0.5	0.25	500	15,000
	12	0.7	0.6	0.6	0.5	0.25	500	15,000
	16	0.9	0.6	0.6	0.5	0.25	500	15,000
	20	1.1	0.6	0.6	0.5	0.25	500	15,000
	24	1.4	0.6	0.6	0.5	0.25	500	15,000
	30	1.7	0.6	0.6	0.5	0.25	500	15,000
	36	2.0	0.6	0.6	0.5	0.25	500	15,000

Thrust Block Notes:
1. All dimensions and values in these tables are based on the following:
a. Working water pressure = 150 p.s.i.
b. Allowable 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.

DETAIL 02713-14B
COBB COUNTY WATER SYSTEM
1" WATER METER INSTALLATION (TYPICAL SECTION)

MAY 12, 2005 — AGENCY DIRECTOR

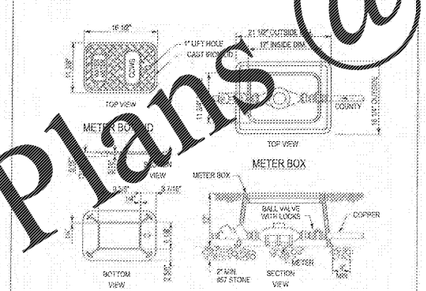
Steve McCullers



DETAIL 02713-14C
COBB COUNTY WATER SYSTEM
3/4" & 1" WATER METER BOX & LID DETAIL

SEPTEMBER 10, 2007 — AGENCY DIRECTOR

Steve McCullers



TYPICAL INSTALLATION

NOTE:
1. METER BOX LID TO BE CAST IRON - (VESTAL MFG. CO. OR APPROVED EQUIVALENT)
2. METER BOX TO BE NDS DY105 OR APPROVED EQUIVALENT.

DETAIL 02713-23
COBB COUNTY WATER SYSTEM
¾" THRU 10" METER INSTALLATION INFORMATION

OCTOBER 26, 2010 — AGENCY DIRECTOR

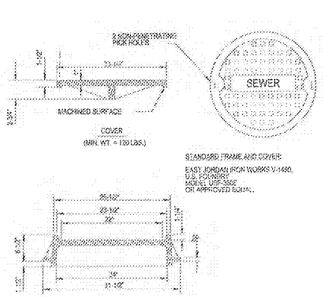
Steve McCullers

METER SIZE & TYPE (DISPLACEMENT, COMPOUND, TURBINE, FLOW)	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	IRRIGATION	FIRE PROTECTION	MIN. 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	VAULT (Y/N)	REQUIRED EASEMENT IN FEET W x L
¾" x ¾"	X	X	X	X		14 x 20 x 18		N	10 x 24
1"	X	X	X	X		14 x 20 x 18		N	10 x 24
1"	X	X	X	X		14 x 20 x 18		N	10 x 24
1" x ¾"	X	X	X	X		14 x 20 x 18		N	10 x 24
1 ½"	X	X	X	X		24 x 36 x 24		N	10 x 24
1 ½"	X	X	X	X		24 x 36 x 24		N	10 x 24
2"	X	X	X	X		24 x 36 x 24		N	10 x 24
2"	X	X	X	X		24 x 36 x 24		N	10 x 24
3"	X	X	X	X			4 x 6 x 5	Y	10 x 24
3"	X	X	X	X			4 x 6 x 5	Y	10 x 24
3"	X	X	X	X			4 x 6 x 5	Y	10 x 24
4"	X	X	X	X			4 x 6 x 5	Y	10 x 24
4"	X	X	X	X			4 x 6 x 5	Y	10 x 24
4"	X	X	X	X			4 x 6 x 5	Y	10 x 24
6"	X	X	X	X			6 x 8 x 6	Y	10 x 24
6"	X	X	X	X			6 x 8 x 6	Y	10 x 24
6"	X	X	X	X			6 x 8 x 6	Y	10 x 24
8"	X	X	X	X			6 x 8 x 6	Y	10 x 24
8"	X	X	X	X			6 x 8 x 6	Y	10 x 24
8"	X	X	X	X			6 x 8 x 6	Y	10 x 24
10"	X	X	X	X			6 x 8 x 6	Y	10 x 24
10"	X	X	X	X			6 x 8 x 6	Y	10 x 24
10"	X	X	X	X			6 x 8 x 6	Y	10 x 24

WHERE ..... WITH 2" BYPASS LINE
WHERE ..... WITH 2" BYPASS LINE

DETAIL 03410-11
COBB COUNTY WATER SYSTEM
STANDARD MANHOLE FRAME AND COVER

MAY 1, 2001 — AGENCY DIRECTOR



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ISSUANCES

No.	Drawing Issue Description	Date
A	CADD/E PRELIMINARY SUBMITTAL	20190731
B	ISSUED FOR BID	20191104

PEBBLEBROOK HS B007 - FIELDHOUSE
DOE Facility Code 4066
FTE = 2787
IU = 143
991 OLD ALABAMA ROAD
MABLETON, GA 30126
COBB COUNTY SCHOOL DISTRICT

CONSTRUCTION DETAILS III

JEREMIAH PHILLIPS, Principal-in-Charge	19-110.10, Project No.
ANTONIO SAMPLE, Project Manager	10/25/2019, Date
DYLAN LEE, Project Engineer	
ROBERT NIEBIESKI, Staff Engineer	C7.02, Sheet No.

ISSUED FOR CONSTRUCTION

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DRAWING USER: rrobertson
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10/7/2019 7:49:59 AM