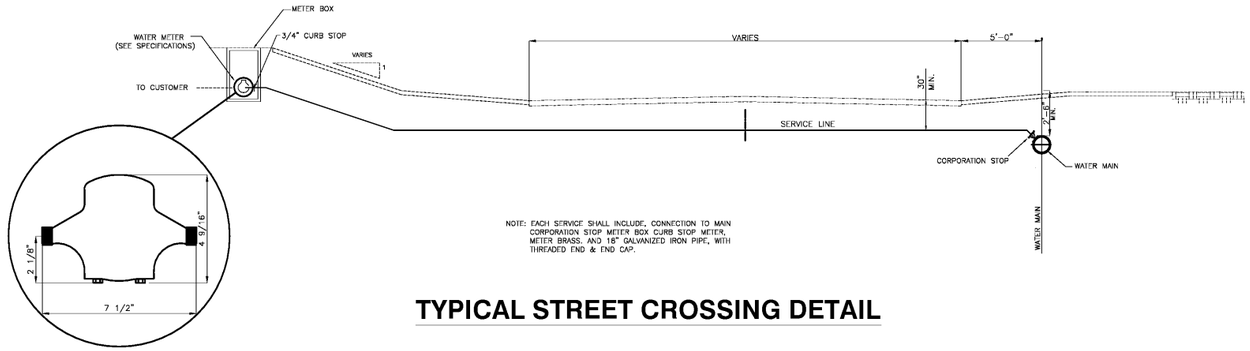
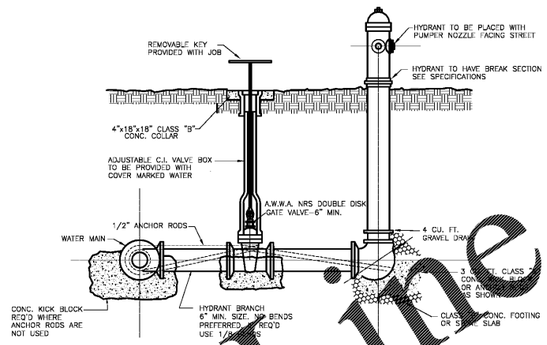
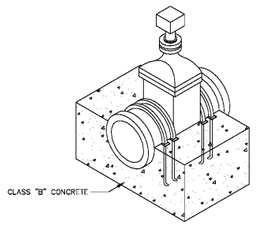


TYPICAL STREET CROSSING DETAIL

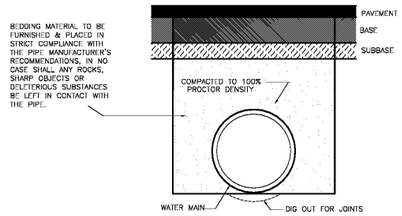
WATER METER



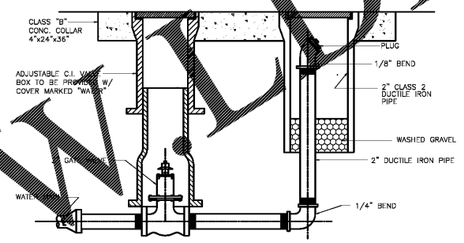
FIRE HYDRANT AND GATE VALVE DETAIL



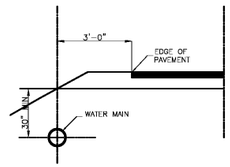
VALVE THRUST BLOCK DETAIL



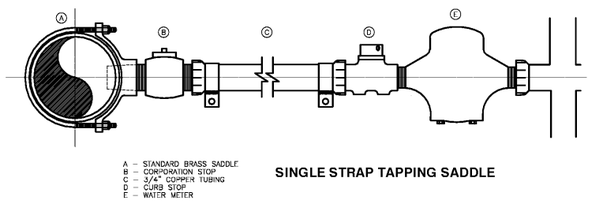
TYPICAL SECTION FOR STREET CROSSINGS



TYPICAL FLUSH VALVE

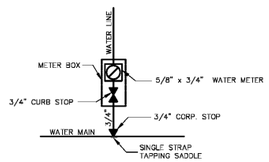


TYPICAL SECTION FOR LAYING PIPE ALONG COUNTY ROADS

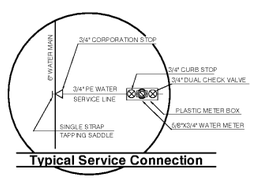


A – STANDARD BRASS SADDLE
B – CORPORATION STOP
C – 3/4" COPPER TUBING
D – CURB STOP
E – WATER METER

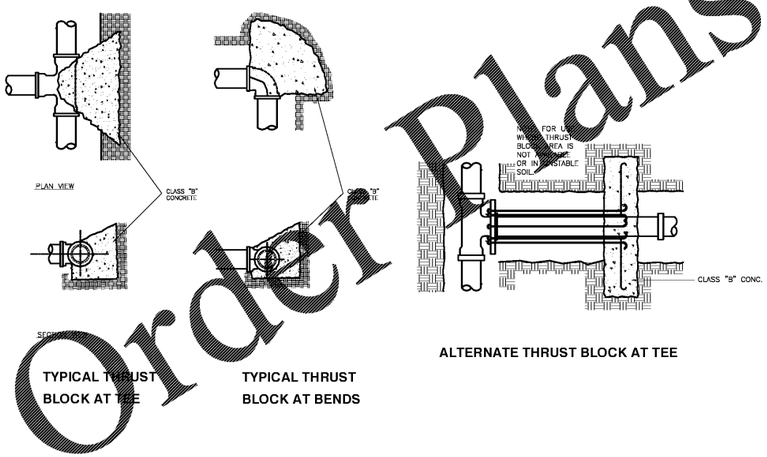
SINGLE STRAP TAPPING SADDLE



TYPICAL WATER SERVICE DETAIL



Typical Service Connection



TYPICAL THRUST BLOCK AT TEE

TYPICAL THRUST BLOCK AT BENDS

ALTERNATE THRUST BLOCK AT TEE

MINIMUM THRUST BLOCK AREA for FORCE MAINS
SQ. FT. = L(FT.) x H(FT.)

PIPE SIZE (DIA)	90° BENDS	TEE'S, DEAD ENDS or 45° BENDS	22-1/2° BENDS
6" ø	3.0	2.2	1.0
8" ø	5.5	4.0	1.5
10" ø	8.5	6.0	2.5
12" ø	12.0	9.0	3.5
14" ø	17.0	12.0	4.5
16" ø	22.0	16.0	6.0
20" ø	34.0	24.0	10.0
24" ø	48.0	34.0	14.0

STANDARD WATER DETAILS

NTS

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JEFFERSON COUNTY
BRIGHTON COMMUNITY CENTER PROJECT
BRIGHTON, ALABAMA 35020

NO.	DESCRIPTION	DATE

DRAWN : GLS/KSP
CHECKED : GLS
DATE : 7/30/18
JOB NO : 18-119
SHEET : C5

File Name n:\jobs\XXXX\XX-XXX*.dwg