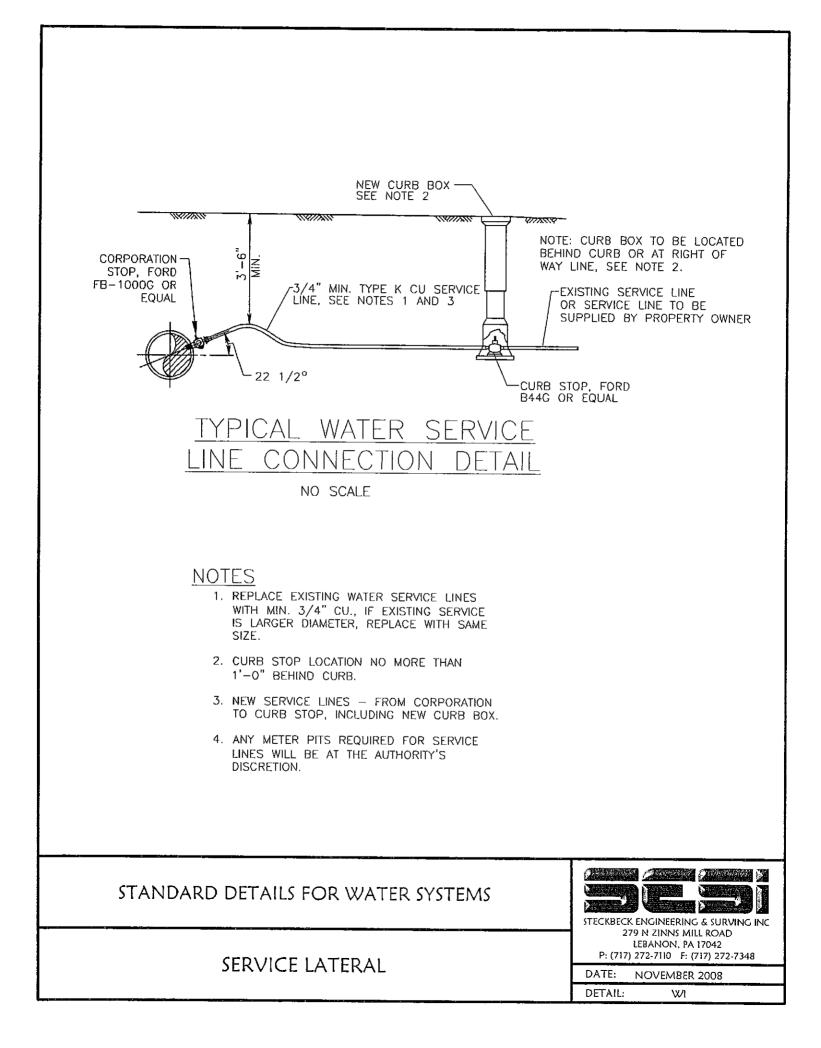
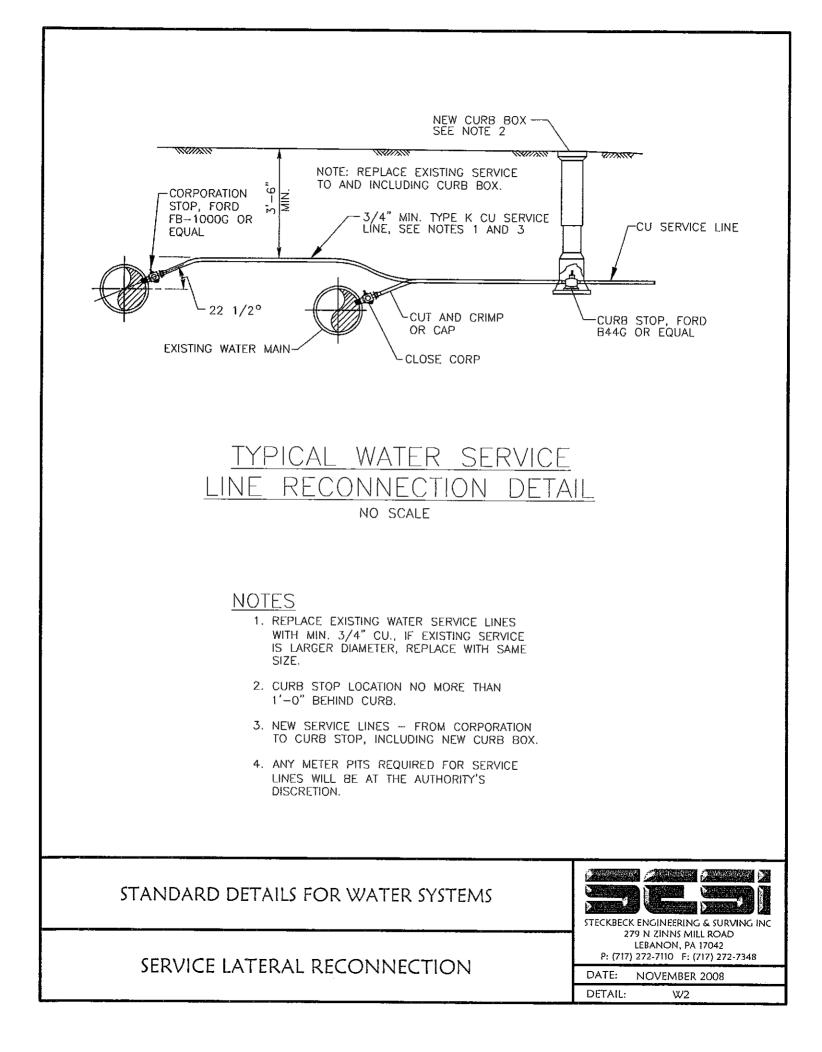
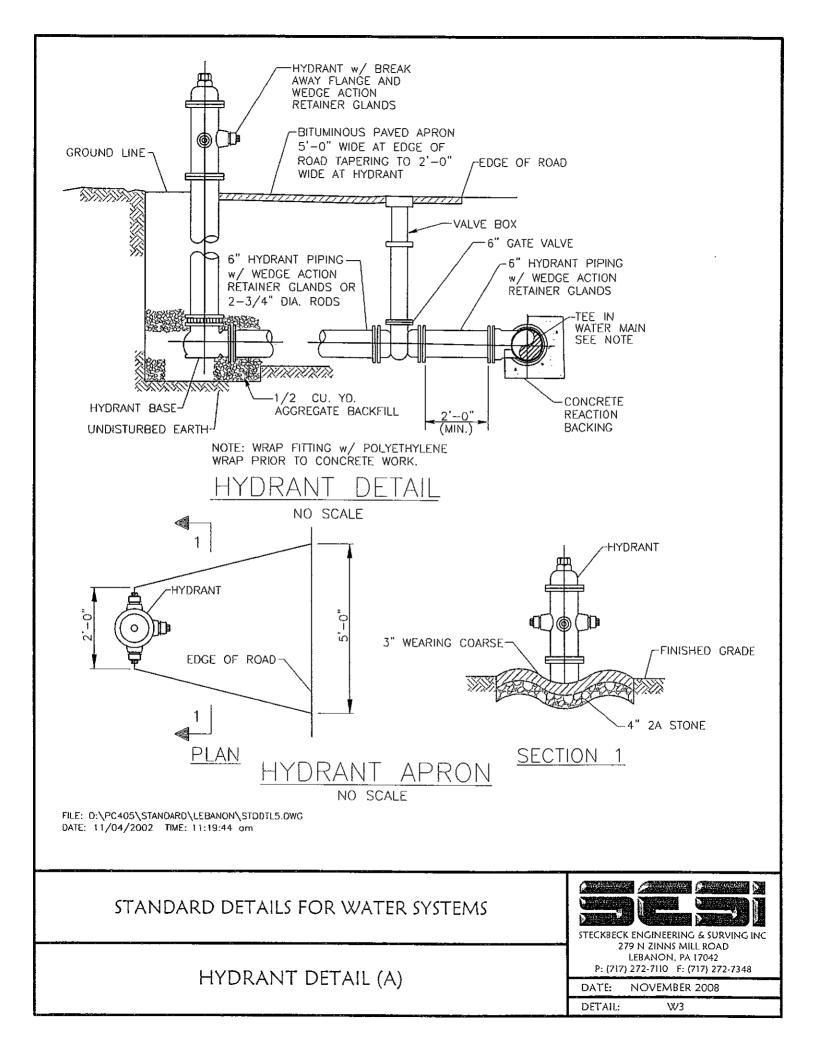
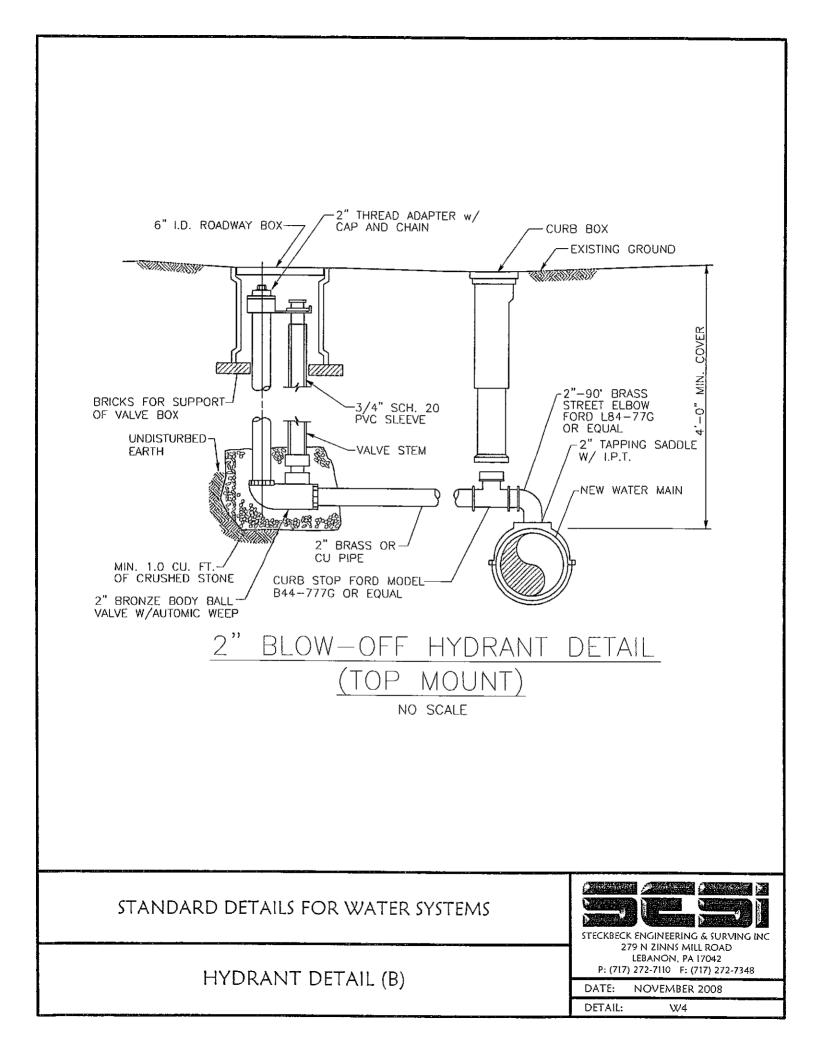
APPENDIX B - STANDARD DETAILS STANDARD WATER DETAILS

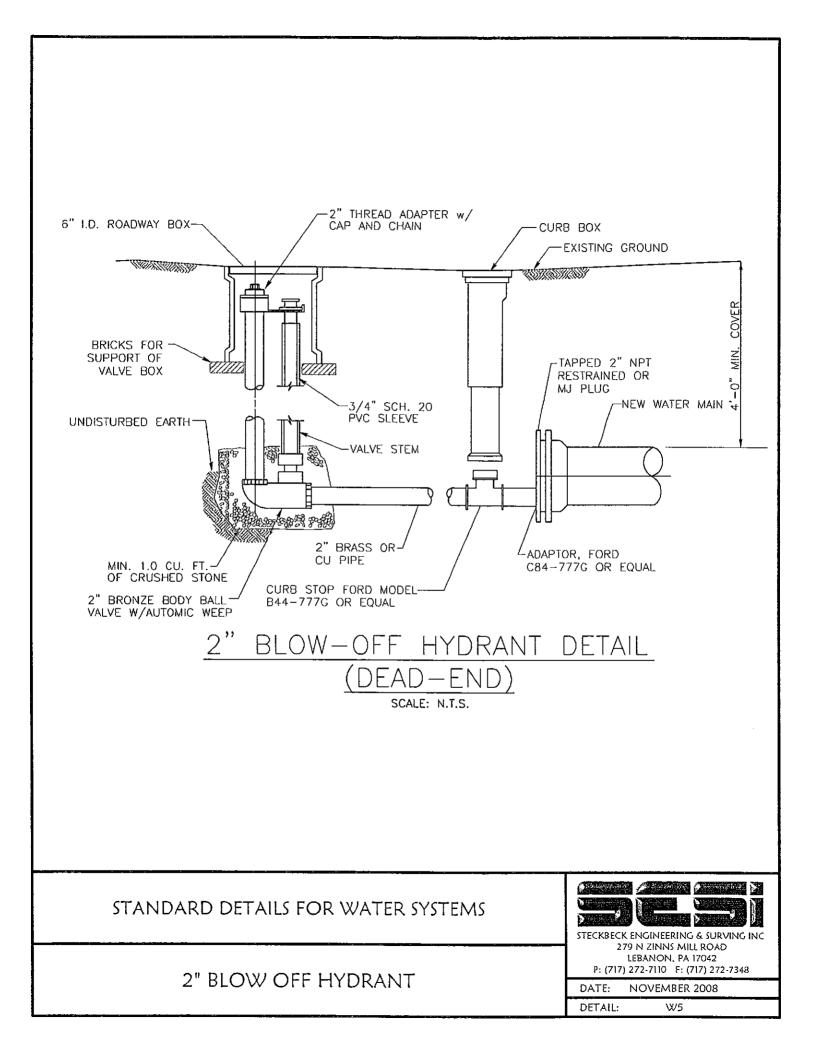
DETAIL NO.	. DETAIL DESCRIPTION							
FSWA-W1	WATER SERVICE LINE CONNECTION DETAIL							
FSWA-W2	WATER SERVICE LINE RECONNECTION DETAIL							
FSWA-W3	FSWA-W3 HYDRANT DETAIL							
FSWA-W4	VA-W4 2" BLOWOFF HYDRANT DETAIL TOP MOUNT							
FSWA-W5	2" BLOWOFF HYDRANT DETAIL DEAD END							
FSWA-W6	A-W6 (RESERVED)							
FSWA-W7	A-W7 WATER METER PIT DETAIL							
FSWA-W8	FSWA-W8 ANCHOR BLOCK							
FSWA-W9 BLOCKING & CAPPING DETAIL (A)								
FSWA-W10	BLOCKING & CAPPING DETAIL (B)							
FSWA-W11	CRADLES							
FSWA-W12	REACTION BACKING (A)							
FSWA-W13	A-W13 REACTION BACKING (B)							
FSWA-W14	4 REACTION BACKING (C)							
FSWA-W15	REACTION BACKING (D)							
FSWA-W16	SWA-W16 REACTION BACKING (E)							
FSWA-W17	WATER MAIN STREAM CROSSING DETAIL							
FSWA-W18	WATER MAIN UTILITY CROSSING DETAIL							
FSWA-W19	WATER MAIN UTILITY CROSSING VERTICAL OFFSET DETAIL							
FSWA-W20	WATER LATERAL INSTALLATION SCHEMATIC							
FSWA-W21	WATER SERVICE LINE INSTALLATION SCHEMATIC							
FSWA-W22	A-W22 WATER SERVICE LINE DETAIL							
FSWA-W23	WATER SERVICE LINE & METER PIT DETAIL							
FSWA-W24	RESIDENTIAL OR COMMERCIAL FIRE SPRINKLER WATER SERVICE DETAIL							

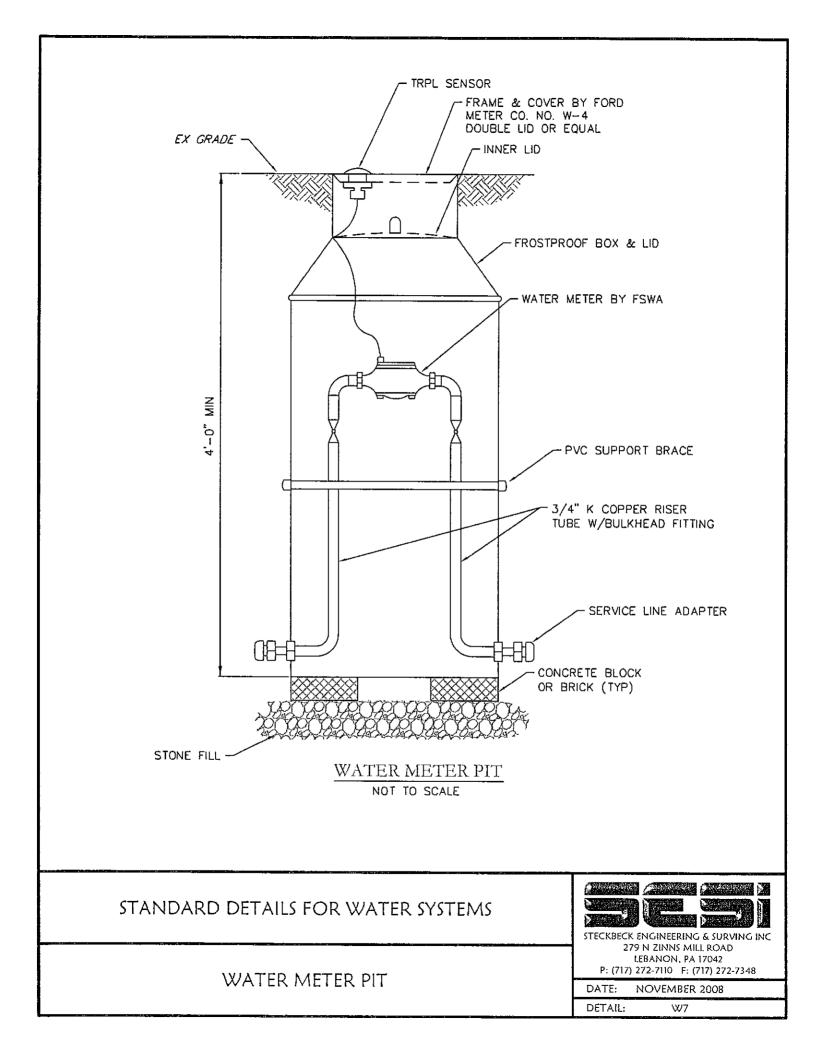


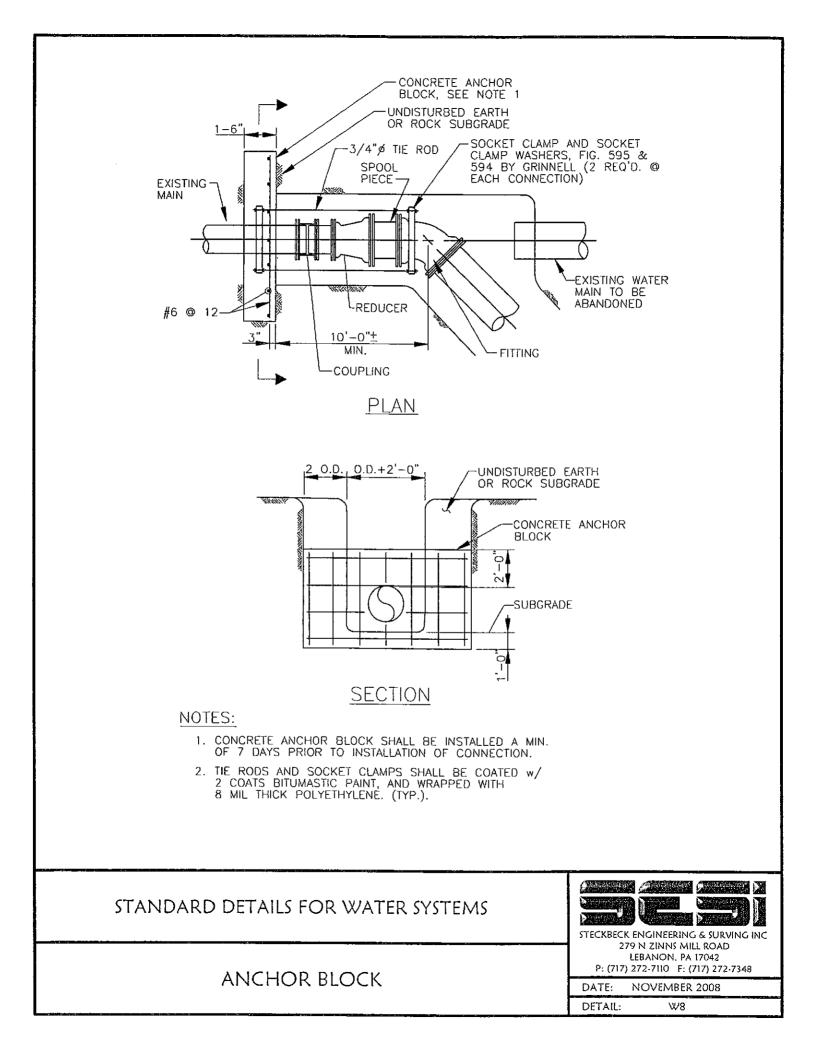


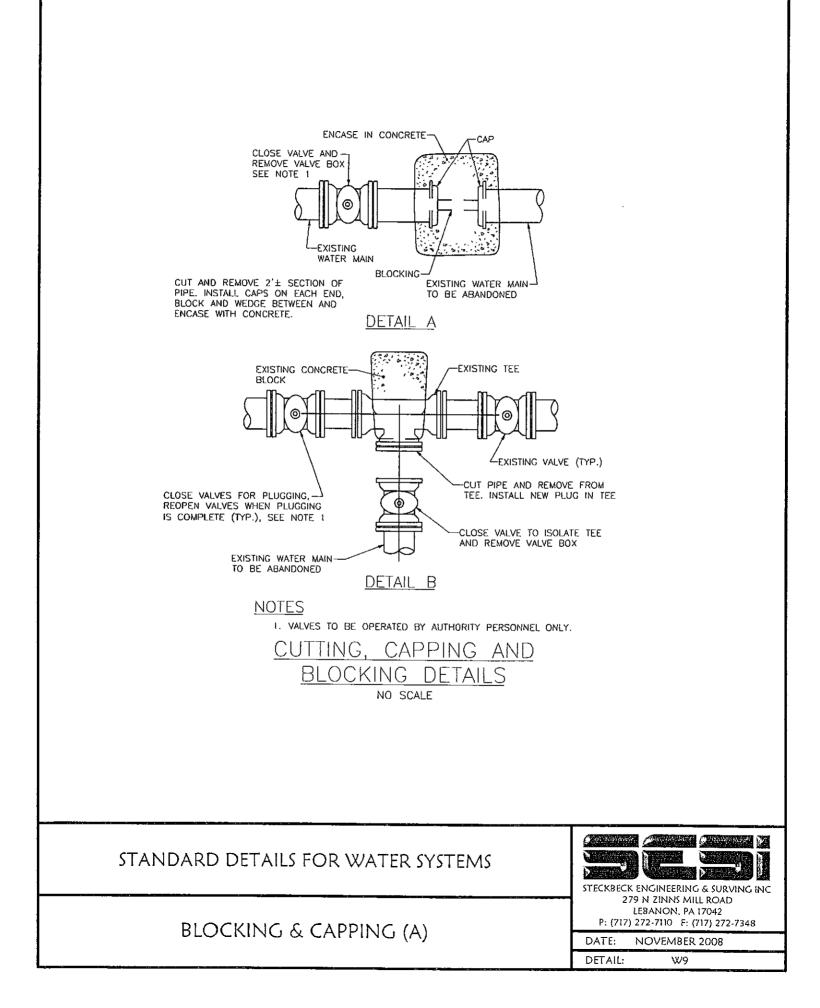


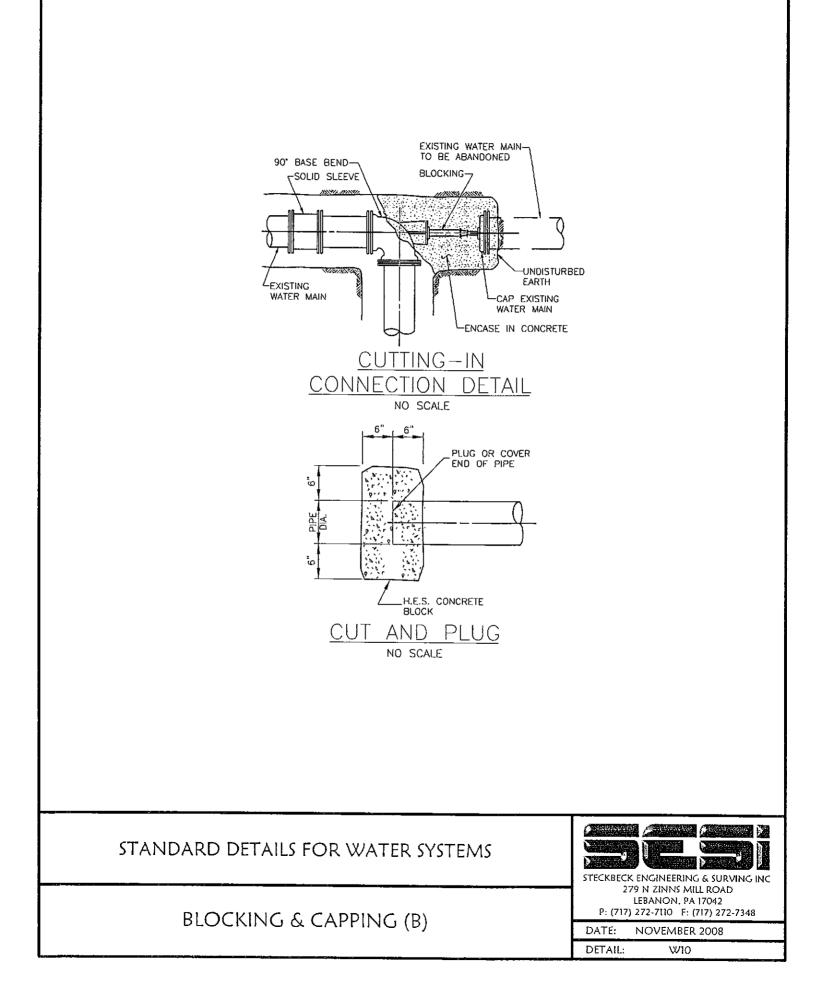


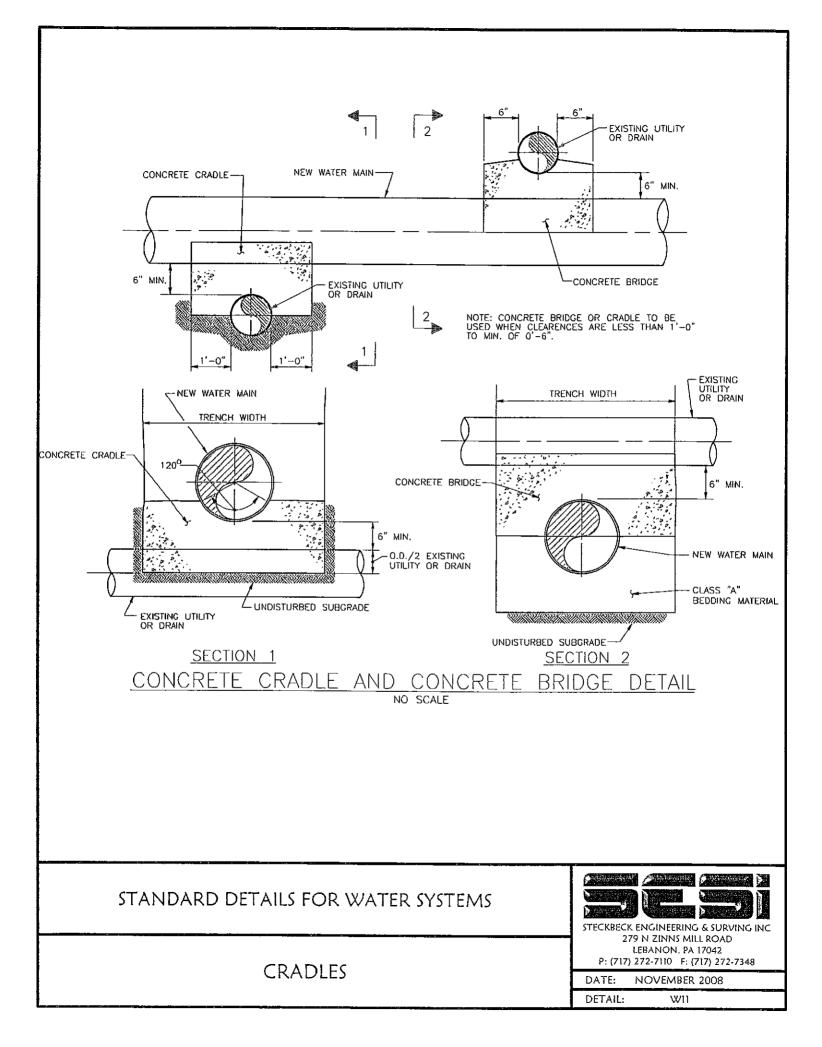


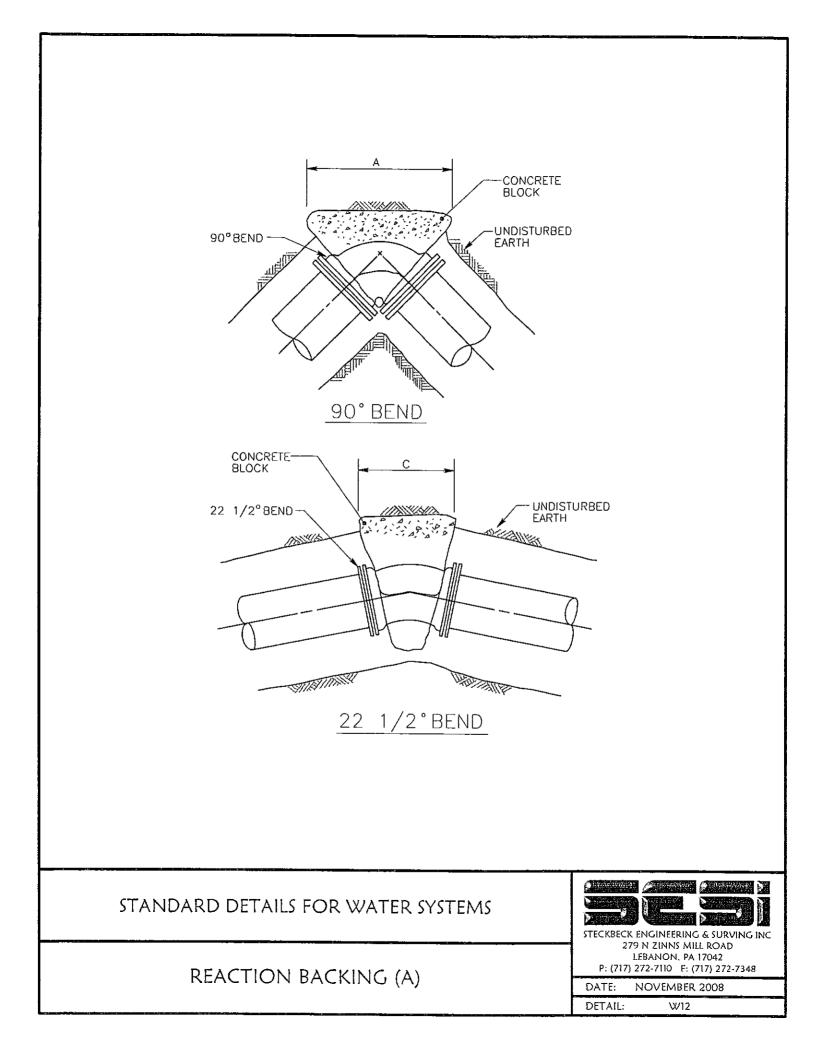


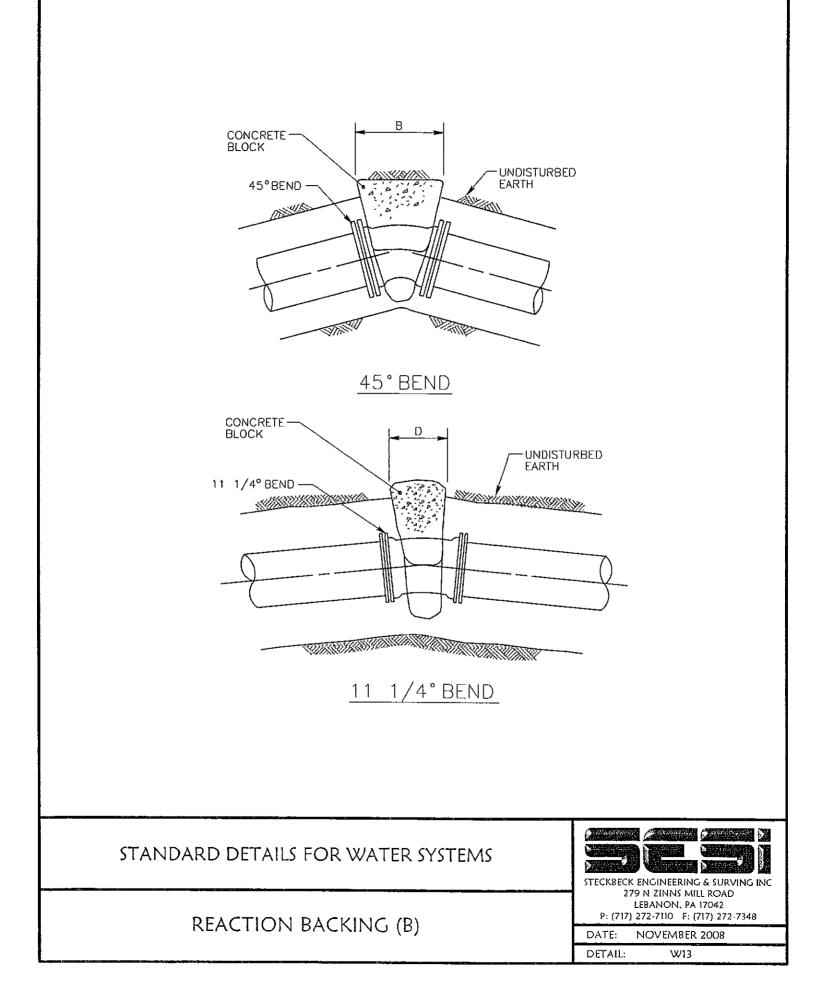












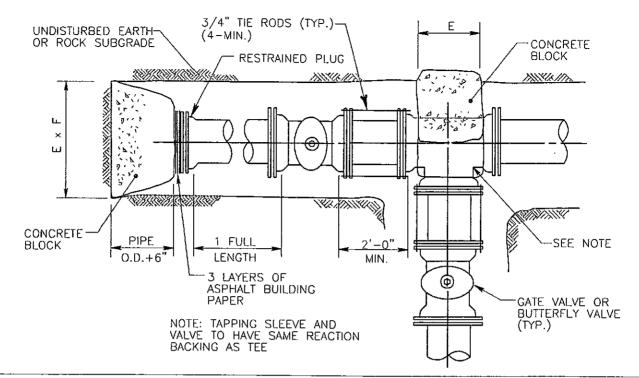


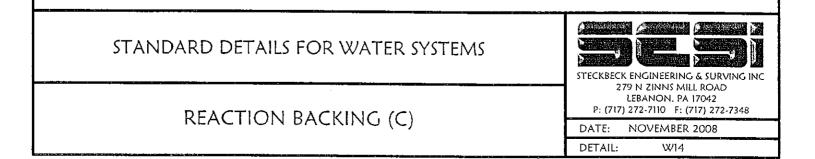
TABLE OF REACTION BACKING DIMENSIONS																				
PIPE DIA.	TEST PRESSURE (PSI)	A	в	с	D	E	F	G	45	Н 221/2	11/4	45	1	1 11/4	45	J 221/2	1 11/4	к	L	м
24"	150	11'-0"	6'-0"	3'-0"	1'-8"	8'-0"	5'-0"	4'-0"	7'-6"	2,-8,	2'-0"	9'-0"	4'-0"	1'-6"	20'-0'	10'-0"	5'-0"	2'~0"	3'-0"	2'-0"
20"	150	8'-8"	4'-8"	2'-6"	1'-4"	6'-3"	4'-6"	3'-8"	5'-9"	3'~0"	1'-6"	8'-6"	3'-6"	1'-6"	6'-4"	8'-4"	4'-3"	1'-10"	2'-10'	1'~10"
16"	150	6'-2"	3'-6"	2'-0"	1'-0"	4'-3"	4'-0"	3'-4"	4'-3"	2'-2"	1'-2"	5'-6"	2'-6"	0'-10'	12'-6"	6'-6"	3'-3"	1°-8"	2'-8"	1'-8"
12"	150	5'-0"	2'-8"	1'-3"	1'-0"	3'-6"	3'-0"	3'-0"	2'8"	1'-4"	1'-0"	3'-6"	1'-8"	0'~9"	8'-9"	4'-6"	2'-3"	1'-6"	2'-6"	1'-6"
10"	150	4'-3"	2'-6"	۱'−6"	1'-0"	3'-0"	2'-6"	2'-10"	2'-2"	1'-2"	1'0"	3'-9"	1'-0"	0'-3"	7'-0"	3'-6"	2'-0"	1'-5"	2'-5"	1'-5"
8″	150	3'-6"	2'-0"	1°0"	³'−0"	2'-6"	2'-0"	2'-8"	1'-6"	1'-0"	1'-0"	1'-10"	0'-6"	0'-4"	5'~0"	2'-6"	2'-0"	1'-4"	2'-4"	1'-4"
6"	150	2'-8"	1'-6"	t'-0"	1'0"	2'-0"	1'-6"	2'-6"	1'-0"	1'-0"	1'-0"	1'-0"	0'-6"	0"-4"	3'-0"	2'-0"	2'-0"	1'-3"	2'-3"	1'-3"
4"	150	2'-0"	1′-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-4"	1'-0"	1'-0"	1'-0"	0'4"	0'-4"	0'4"	2'-0"	2'-0"	2'-0"	1'-3"	2'-2"	1'-2"

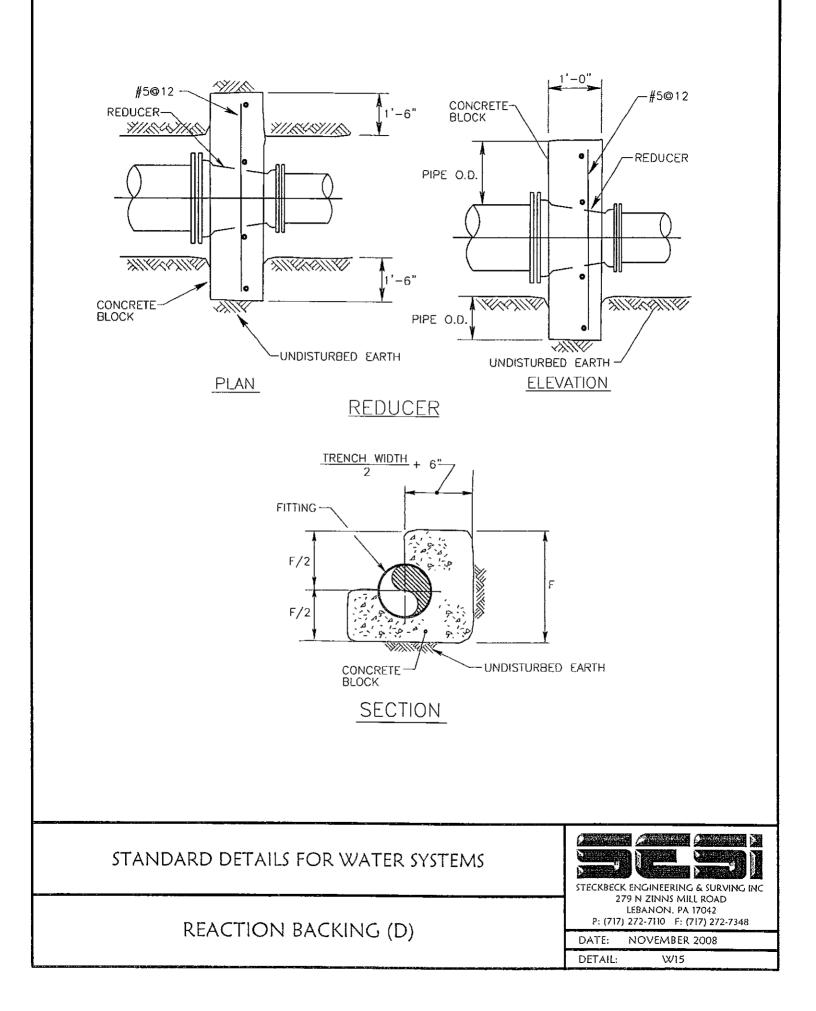
NOTES:

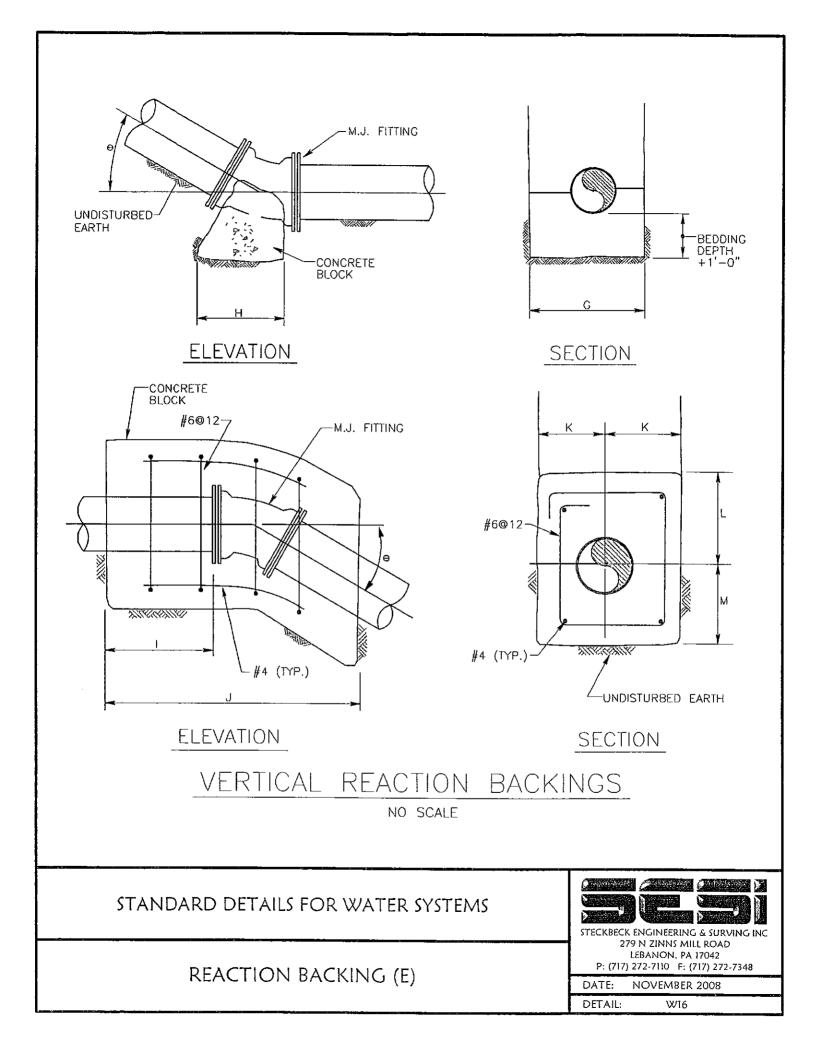
1. REACTION BACKING DIMENSIONS HAVE BEEN CALCULATED USING A SOIL BEARING CAPACITY OF 2000 POUNDS PER SQUARE FOOT AND TEST PRESSURES AS INDICATED.

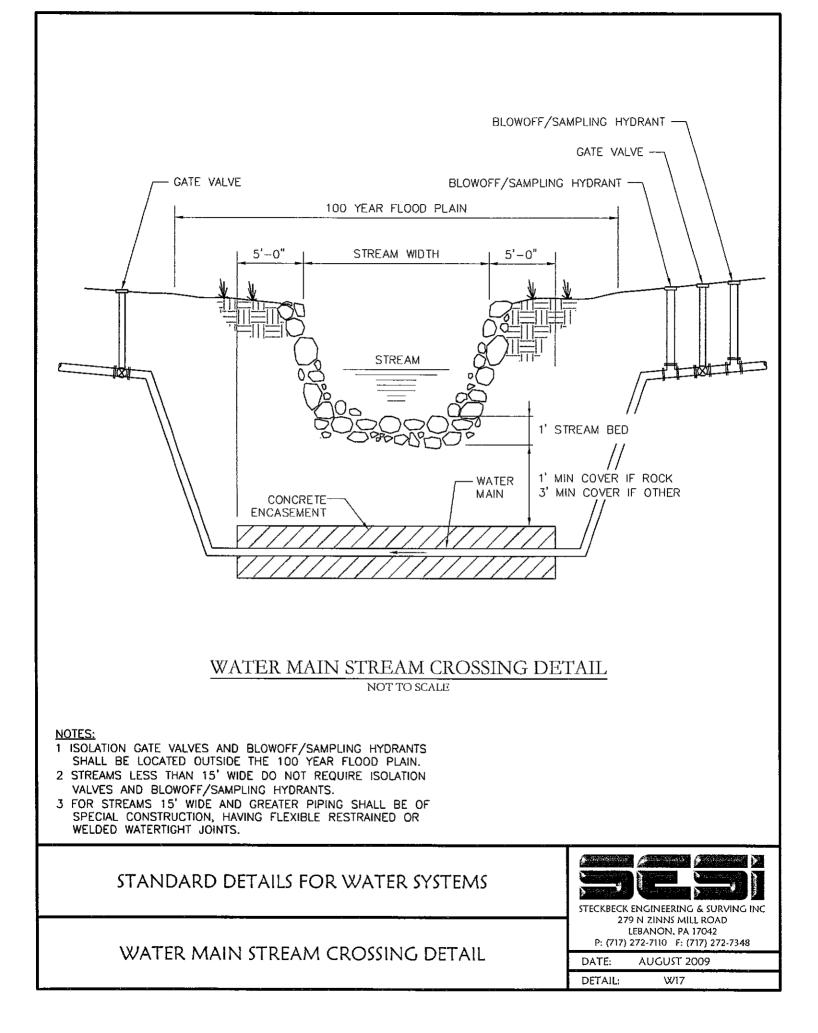
2. ALL FITTINGS SHALL BE MECHANICAL JOINT AND SHALL HAVE WEDGE ACTION FOLLOWER GLANDS INSTALLED TO MANUFACTURERS SPECIFICATIONS, EXCEPT IN RESTRAINED JOINT AREAS.

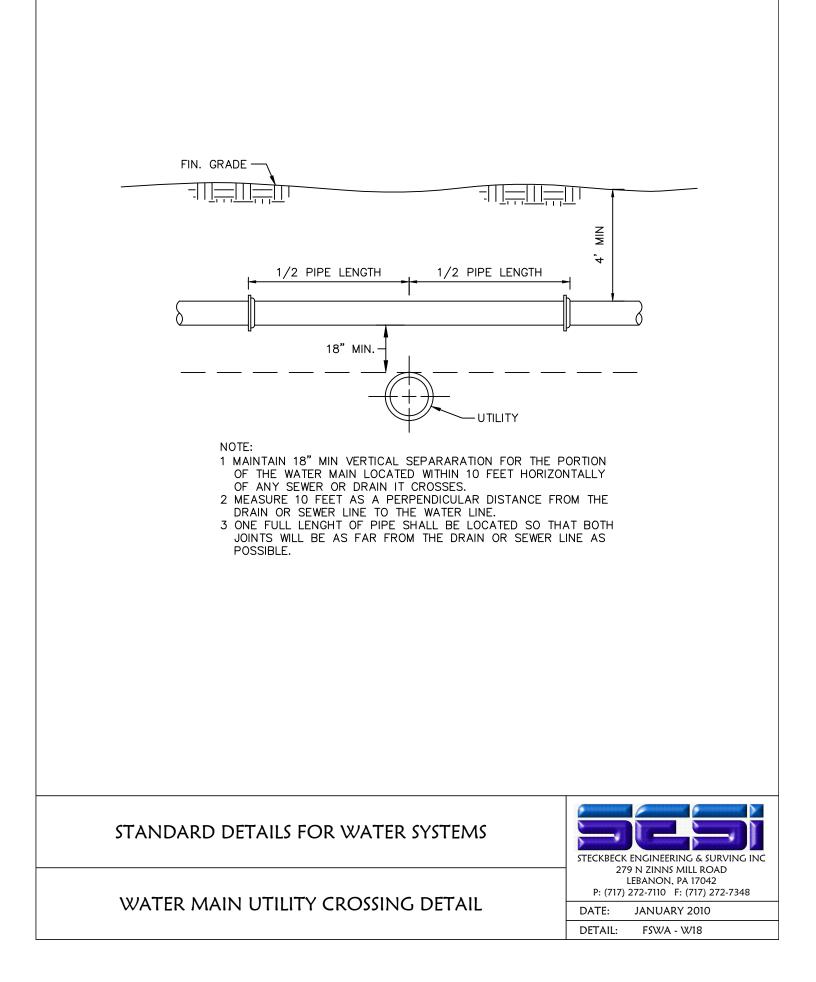
3. ALL CONTRETE SHALL BE HIGH EARLY STRENGTH.

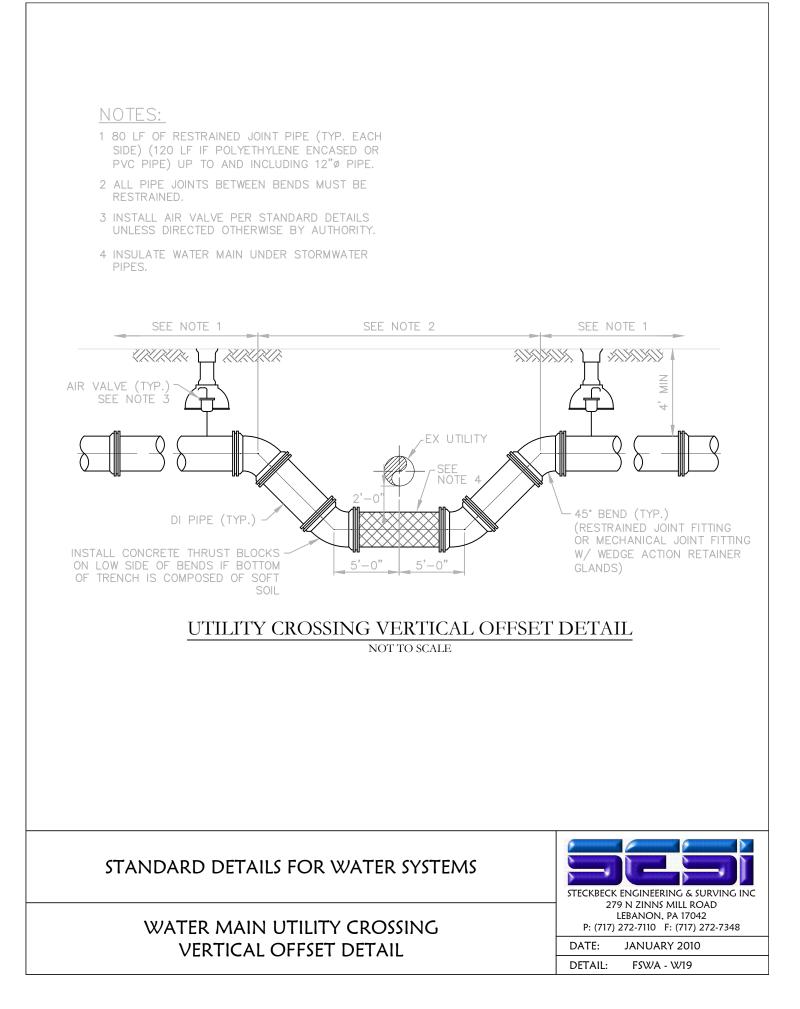


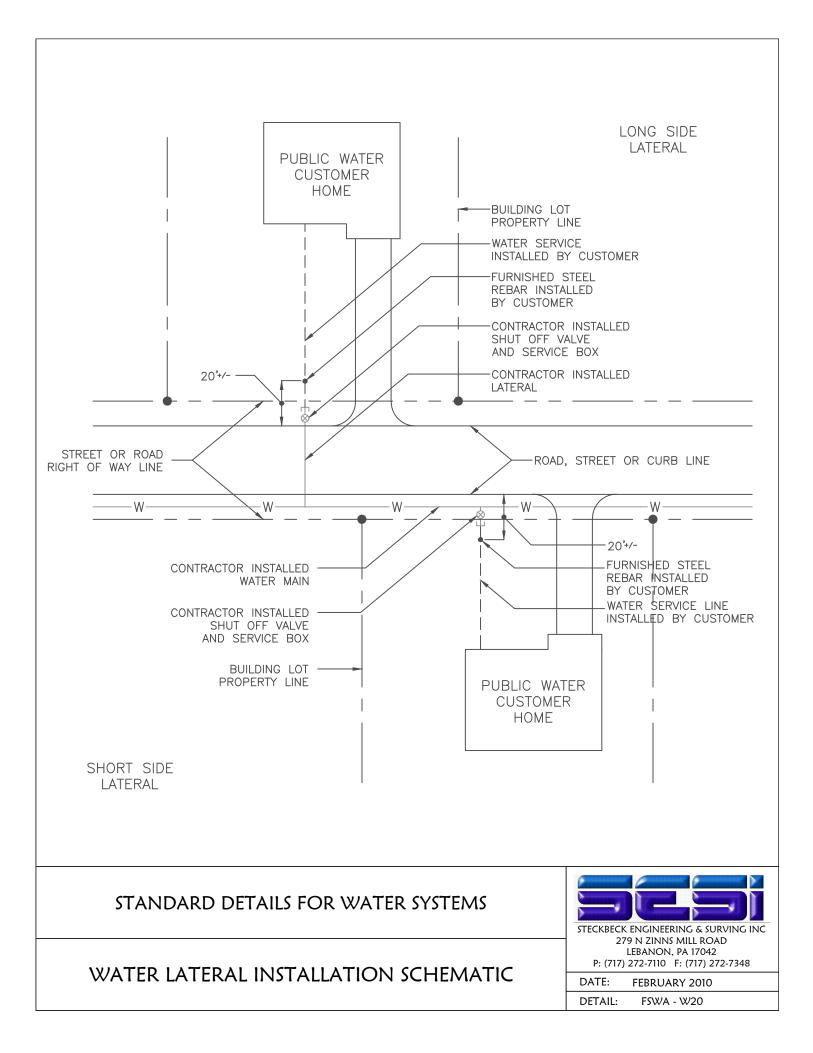


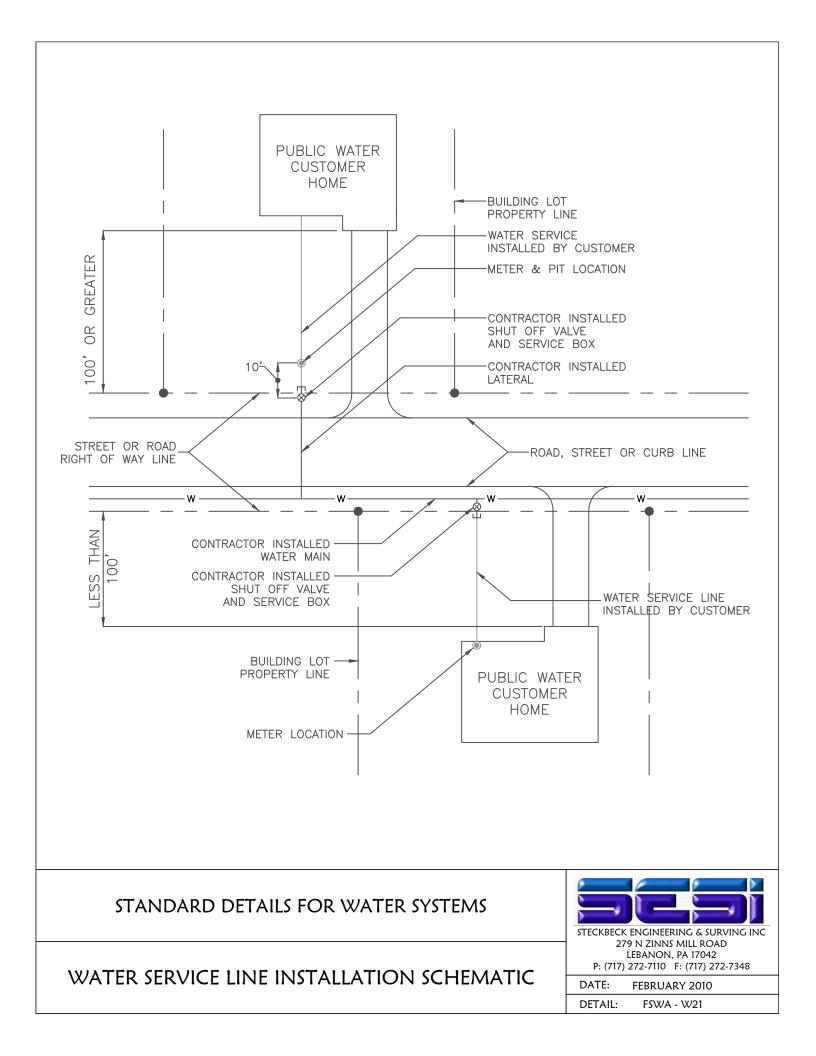


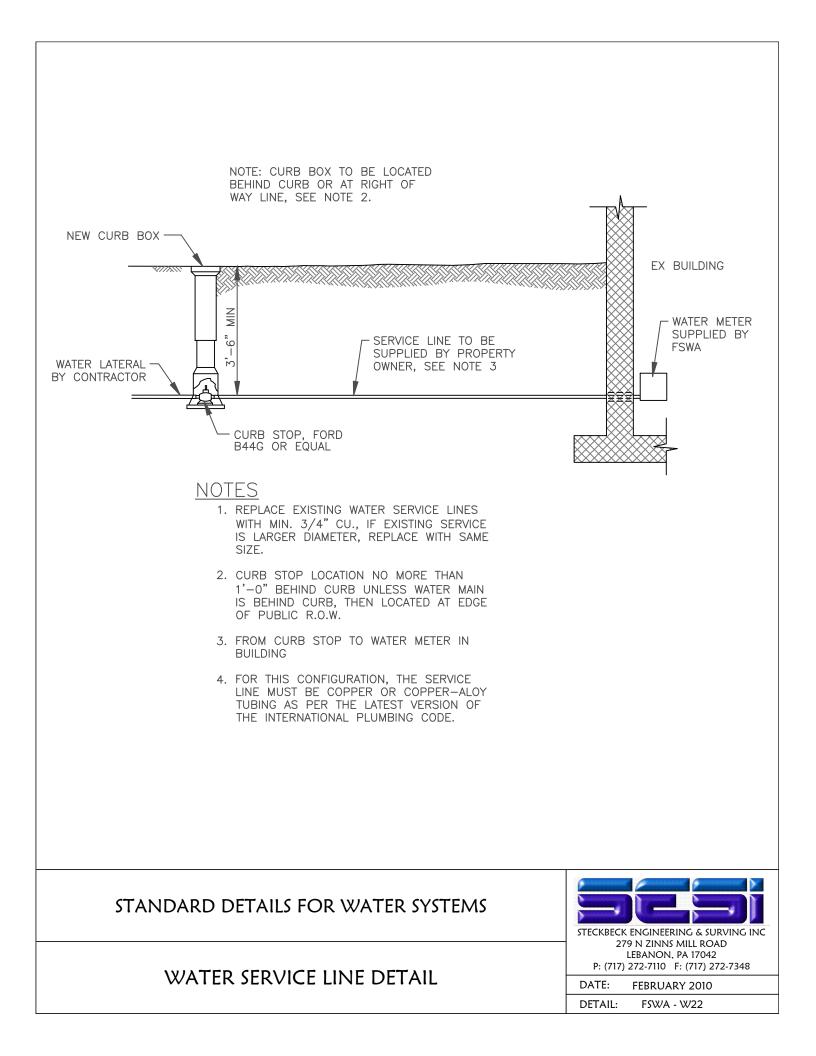


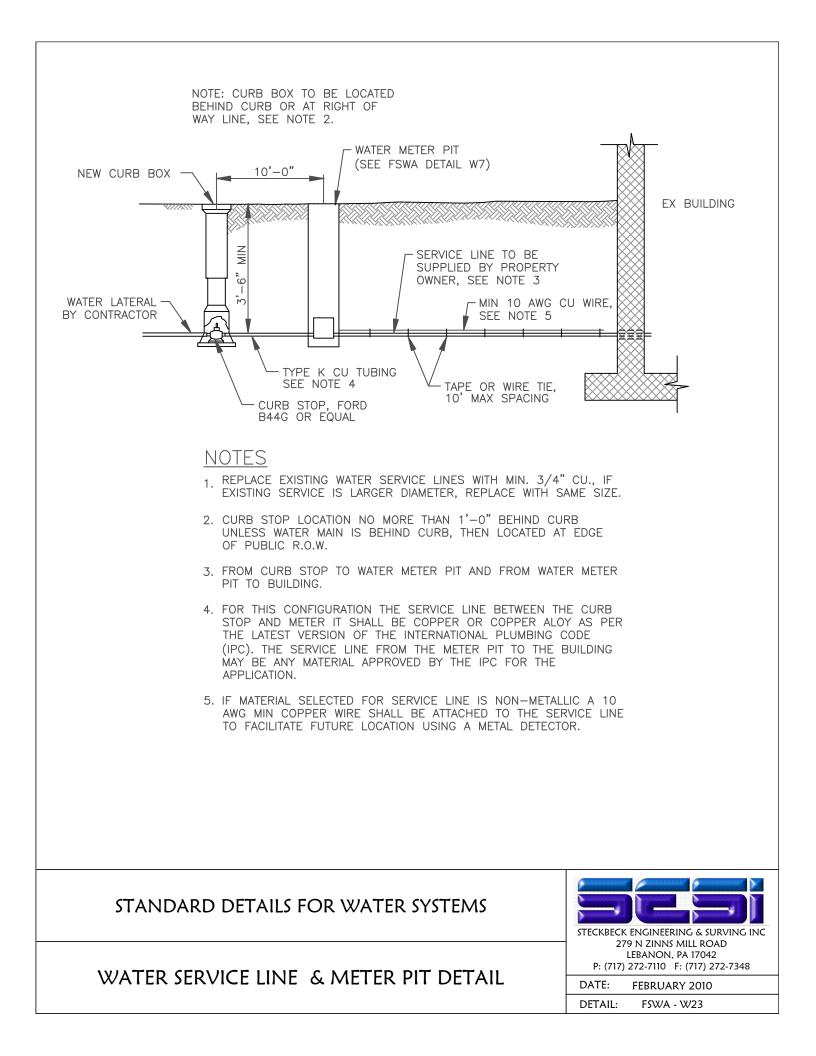












	WATER MAIN
	CURB
	FIRE SERVICE: 1" CURB STOP CURB BOX W/ FIRE DESIGNATION GRASS STRIP
	SIDEWALK
-	COMBINED FIRE SPRINKLER & DOMESTIC SERVICE LATERAL
	DOMESTIC SERVICE: 1"X¾" COMPRESSION TEE ¾" COMPRESSION 90 ¾" CURB STOP VALVE BOX W/ WATER DESIGNATION
GATE OR BALL VALVE	GATE OR BALL VALVE
PRESSURE GAUGE	
DOUBLE CHECK VALVE	WATER METER
WATER FLOW DETECTOR	
GATE OR BALL VALVE	GATE OR BALL VALVE
$\vdash \propto \downarrow$	Ī
DRAIN & TEST CONNECTION	
TO SPRINKLER SYSTEM	TO DOMESTIC PLUMBING SYSTEM
NOTE: THE 1" FIRE LINE SIZE IS TO BE ADJUSTED ACCORDINGLY BY THE SPRINKLER SYSTEM DESIGN	ER
STANDARD DETAILS FOR W	YATER SYSTEMS STECKBECK ENGINEERING & SURVING 279 N ZINNS MILL ROAD
RESIDENTIAL OR COM	I FBANON PA 17042
FIRE SPRINKLER WATER SE	
	DETAIL: FSWA - W24