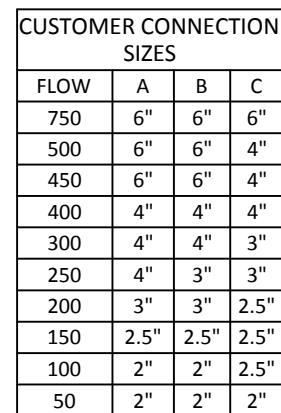


ANCHOR BOLT DETAILS




BACK VIEW

PART LIST	
LEGEND	DESCRIPTION
1	IN-LINE FIRE PUMP
2	FIRE PUMP CONTROLLER
3	OS&Y GROOVED GATE VALVE WITH TAMPER SWITCH
4	BUTTERFLY ISOLATION VALVE WITH TAMPER SWITCH
5	GROOVED CHECK VALVE
6	SUCTION AND DISCHARGE GAUGES
7	CASING RELIEF VALVE
8	1/2" PRESSURE SENSING LINE
9	AUTOMATIC AIR RELEASE VALVE (WITH TEST LOOP ONLY)
10	GROOVED FLOWMETER
11	SYSTEM MOUNTING STRUCTURAL BASE

MAXIMUM CONTROLLER DIMENSION		
FLOW	DEPTH	WIDTH
50-200	16	45
250-400	16	53
450-750	16	60

1. DIMENSIONS ARE IN INCHES AND MAY VARY $\pm 1/2"$.
2. OVERALL DIMENSIONS MAY VARY DEPENDING ON THE CONTROLLER SELECTION BY CUSTOMER.
3. ** DIMENSION TABLE VALUES IN PARENTHESES () DENOTE THE PIPE PROJECTION OVERHANGS SKID.
4. STRUCTURAL STEEL BASE TO BE GROUTED ON SITE BY OTHERS.
5. TAMPER SWITCHES TO BE WIRED TO CUSTOMER ALARM BY OTHERS.
6. ALL PIPES ARE OF SCHEDULE 40 STEEL PAINTED RED PER AURORA OR FBN STD 668.
7. ALL PUMP AND PIPING DRAINS TO BE PIPED TO CUSTOMER SUPPLIED DRAIN LOCATION BY OTHERS.
8. REFER TO SPECIFIC CONTROLLER MANUFACTURERS LATEST DIMENSIONAL DRAWINGS FOR ALTERNATE STARTING METHODS AND TRANSFER SWITCH.
9. FOR MAXIMUM CONTROLLER SIZE REFER "MAXIMUM CONTROLLER DIMENSION" TABLE.
10. ALL PIPE AND FITTING CONNECTIONS ARE GROOVED.

DIMENSION TABLE													
FLOW	PUMP	SX**	SY	SZ	DX**	DY	DZ	TX	TY	TZ	OX	OY	OZ
750	4"1593F	(0.0)	19.9	23.8	14.0	19.9	23.8	23.7	32.4	58.5	119.2	35.0	84.0
750	4"1594BF	2.0	19.9	23.1	16.0	19.9	23.1	23.7	32.4	57.7	119.1	35.0	83.3
500	4"1594BF/4"1594F	2.0	19.9	23.1	16.0	19.9	23.1	23.7	31.1	57.7	119.1	34.4	83.3
500	4"1593CF/4"1593BF	(0.6)	19.9	20.5	19.0	19.9	21.0	23.7	31.1	53.2	119.8	34.4	78.7
500	4"1591CF	(0.6)	19.9	20.2	19.0	19.9	21.3	23.7	31.1	48.4	119.7	34.4	78.4
500	4"1591BF	(0.6)	19.9	20.2	19.0	19.9	21.3	23.7	31.1	51.4	119.7	34.4	78.4
450	4"1593BF/4"1592F	(0.6)	19.9	20.5	19.0	19.9	21.0	23.7	29.6	52.4	119.7	32.9	78.4
450	4"1591CF/4"1591BF	(0.6)	19.9	20.2	19.0	19.9	21.3	23.7	29.6	51.1	119.7	32.9	78.4
450	4"1594BF/4"1594F	2.0	19.9	23.1	16.0	19.9	23.1	23.7	29.6	57.9	119.1	32.9	79.7
400	4"1593BF/4"1592F	3.0	19.9	21.5	17.0	19.9	21.0	20.7	29.6	53.4	108.6	34.7	75.2
400	4"1591CF	8.0	19.9	21.3	17.0	19.9	21.3	20.7	29.6	48.6	108.6	34.7	70.4
400	4"1591BF	8.0	19.9	21.3	17.0	19.9	21.3	20.7	29.6	52.6	108.6	34.7	74.4
400	4"1594F	(0.5)	19.9	24.1	14.0	19.9	23.1	20.7	29.6	58.4	109.1	34.7	80.3
300	4"1593BF/4"1592F	3.0	19.9	21.5	17.0	19.9	21.0	20.7	28.8	53.4	108.6	34.3	75.2
300	4"1591BF	8.0	19.9	21.3	17.0	19.9	21.3	20.7	28.8	52.6	108.6	34.3	74.4
300	3"1593BF	8.0	19.9	20.9	17.0	19.9	20.9	20.7	28.8	48.7	108.6	34.3	70.6
300	3"1591CF	8.0	19.9	20.8	17.0	19.9	20.8	20.7	28.8	47.6	108.6	34.3	69.4
250	4"1592F	3.0	19.9	21.5	20.9	19.9	21.0	20.7	28.8	52.3	108.6	34.3	74.1
250	3"1593BF	8.0	19.9	20.9	20.9	19.9	20.9	20.7	28.8	45.9	108.6	34.3	67.7
250	3"1593F	8.0	19.9	19.9	20.9	19.9	19.9	20.7	28.8	48.7	108.6	34.3	70.5
250	3"1591CF	8.0	19.9	20.8	20.9	19.9	20.8	20.7	28.8	45.1	108.6	34.3	67.1
250	3"1591BF	5.6	19.9	19.8	22.4	19.9	20.3	20.7	28.8	47.5	108.6	34.3	69.3
200	3"1593BF	1.6	19.9	19.9	10.9	19.9	19.4	18.9	28.1	46.2	93.6	33.4	67.1
200	3"1592AF	5.7	19.9	18.8	10.9	19.9	18.8	18.9	28.1	50.1	93.6	33.4	68.6
200	3"1593F	1.6	19.9	18.9	10.9	19.9	18.4	18.9	28.1	48.2	93.6	33.4	67.1
200	3"1591CF	1.6	19.9	19.8	10.9	19.9	19.3	18.9	28.1	45.1	93.6	33.4	67.1
200	3"1591AF	7.2	19.9	18.8	12.4	19.9	18.8	18.9	28.1	47.1	93.6	33.4	67.1
150	3"1593BF	3.1	19.9	20.2	10.3	19.9	19.4	17.9	28.1	45.7	93.6	34.7	67.1
150	3"1592AF	2.2	19.9	19.1	10.3	19.9	18.8	17.9	28.1	50.1	93.6	34.7	68.6
150	3"1591CF	3.1	19.9	20.1	10.3	19.9	19.3	17.9	28.1	45.6	93.6	34.7	67.1
150	3"1591AF	3.7	19.9	19.1	11.8	19.9	18.8	17.9	28.1	48.6	93.6	34.7	67.1
100	3"1593BF	5.1	19.9	20.4	13.2	19.9	19.4	16.4	27.6	46.7	93.6	33.9	67.1
100	3"1592AF	5.6	19.9	19.3	13.2	19.9	18.8	16.4	27.6	51.1	93.6	33.9	68.6
100	3"1591AF	7.1	19.9	19.3	14.7	19.9	18.8	16.4	27.6	48.1	93.6	33.9	67.1
100	2"1591CF	10.8	19.9	17.8	16.8	19.9	17.8	16.4	27.6	47.1	93.6	33.9	67.1
50	3"1593BF	5.1	19.9	20.4	13.2	19.9	19.4	16.4	27.5	47.5	93.6	32.0	67.1
50	3"1592AF	5.6	19.9	19.3	13.2	19.9	18.8	16.4	27.5	52.2	93.6	32.0	68.8
50	2"1591CF	10.8	19.9	17.8	16.8	19.9	17.8	16.4	27.5	47.9	93.6	32.0	67.1

						MATERIAL:					
A	ALL	07/28/16	INITIAL RELEASE	SK	VN						
REV	ZONE	DATE	REVISION DESCRIPTION	BY	CK'D						
STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED.											
DO NOT SCALE DRAWING							CPFS FAIRBANKS NJUIHS R-L WITH TEST LOOP				
								DRAWN BY SK	DATE 07/28/16	CHECKED BY VN	APPROVED BY MH
								PLOT SCALE 1:16	PATTERN NUMBER —	SIZE D	PART NUMBER 295 0044 000