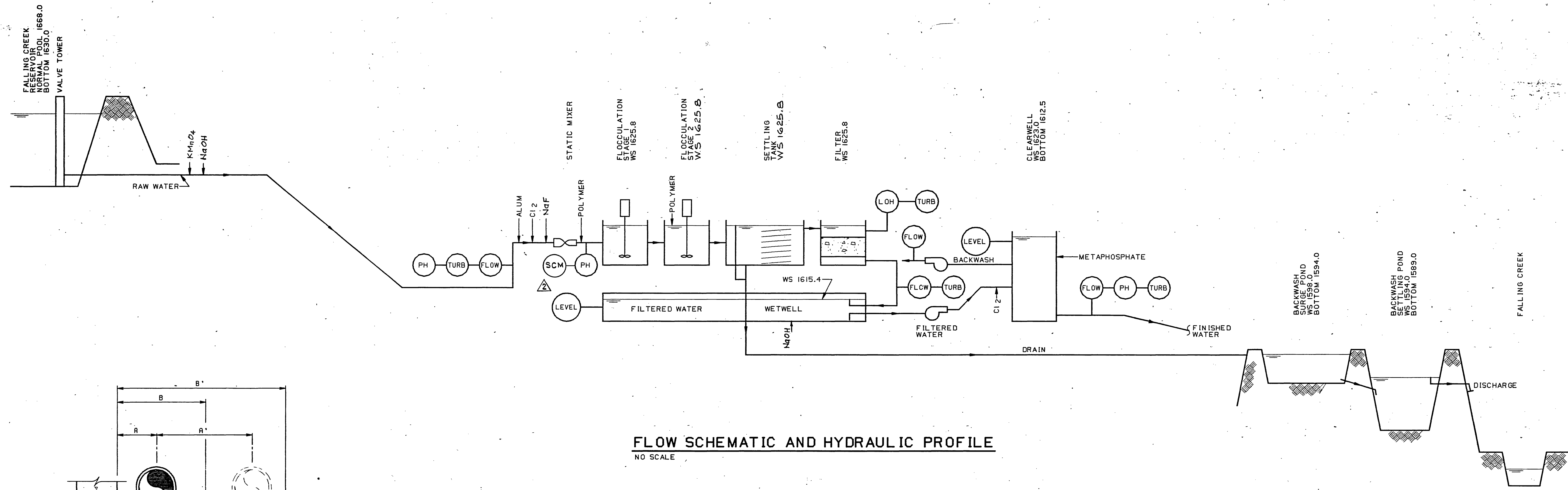
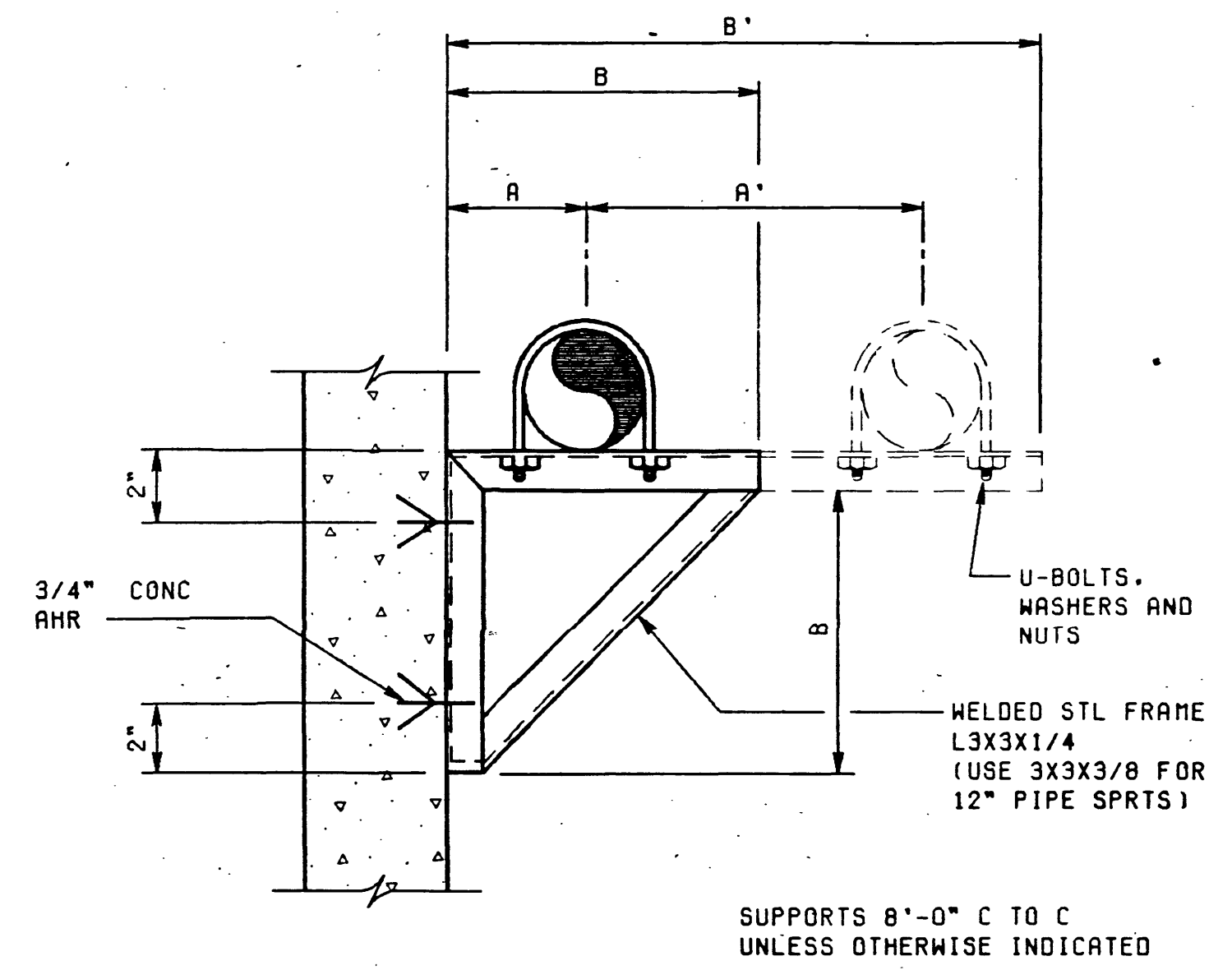


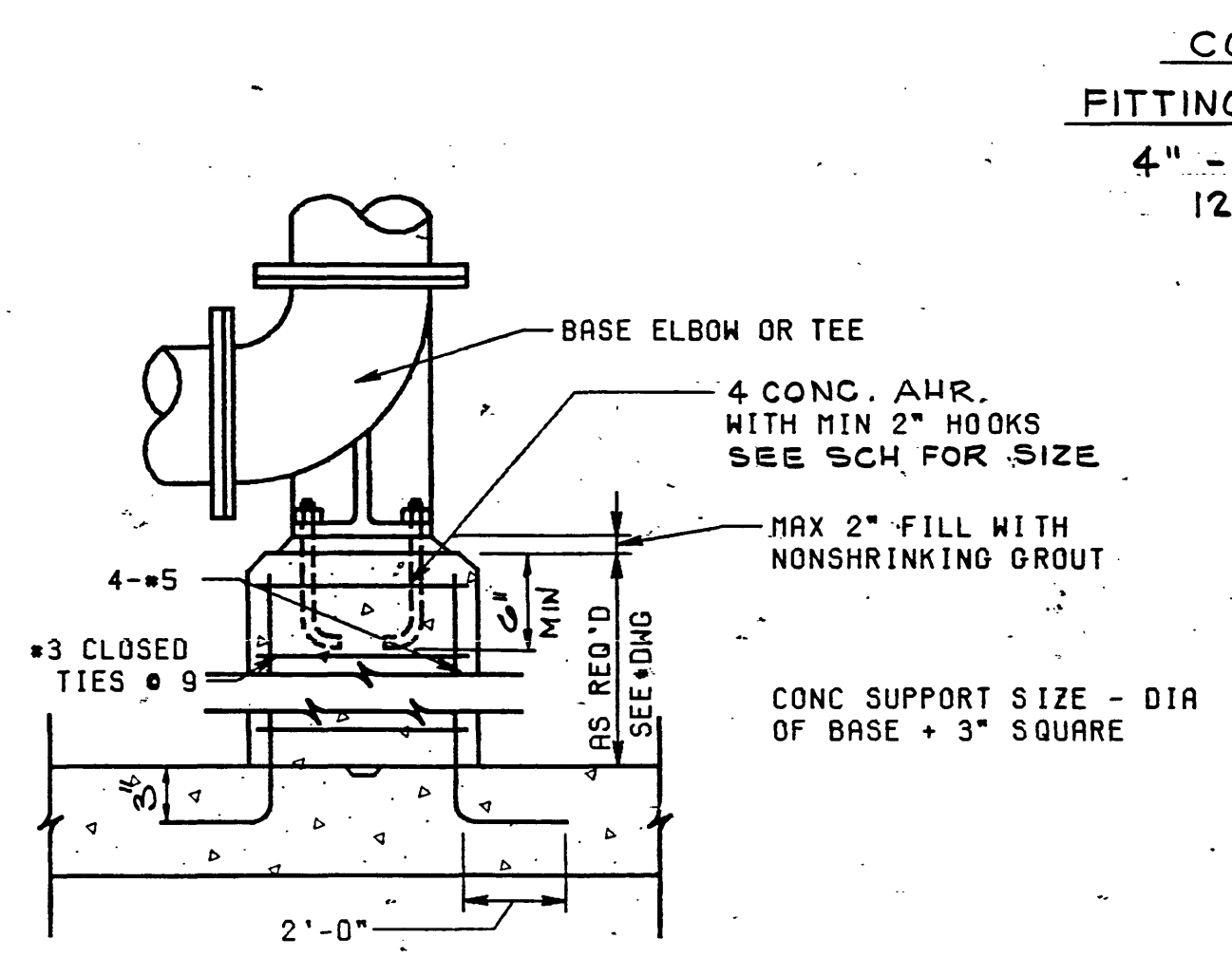


FLOW SCHEMATIC AND HYDRAULIC PROFILE
NO SCALE

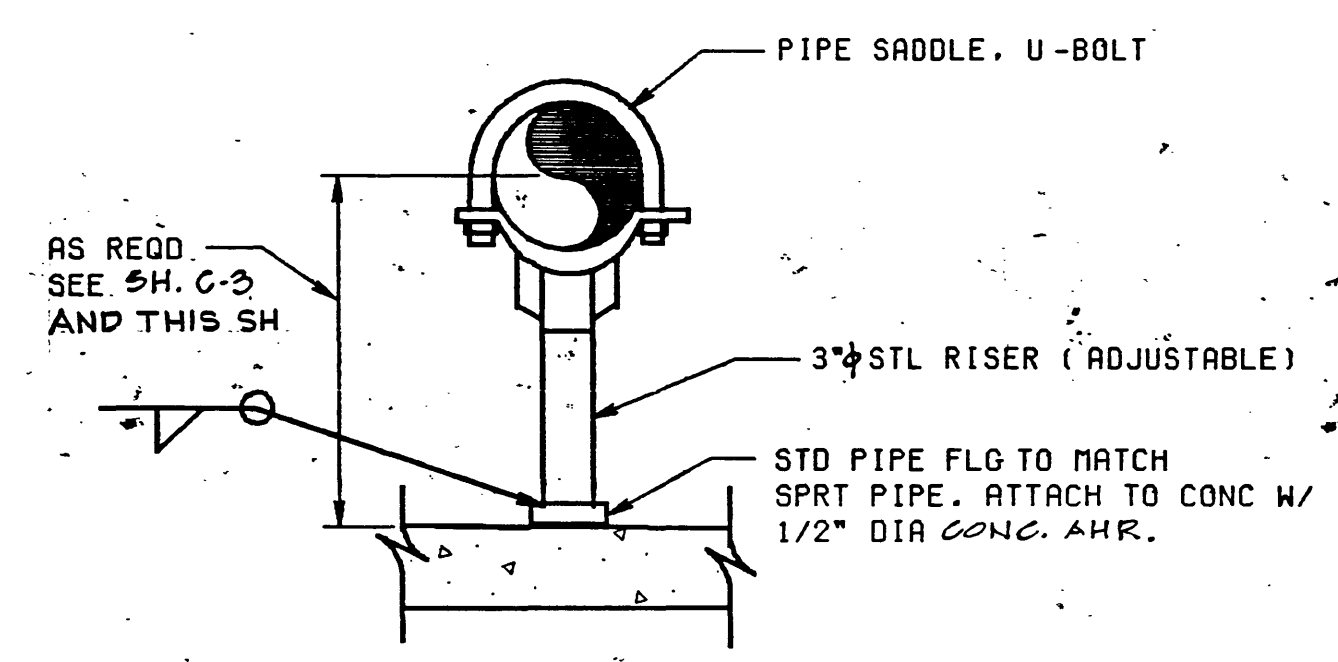


PIPE SIZE	A	B	A'	B'	U-BOLT DIA
3"	6"	10"	9"	19"	1/2"
4"	8"	13"	11"	24"	1/2"
6"	10"	16"	13"	30"	5/8"
8"	12"	19"	---	---	5/8"
12"	15"	24"	---	---	7/8"

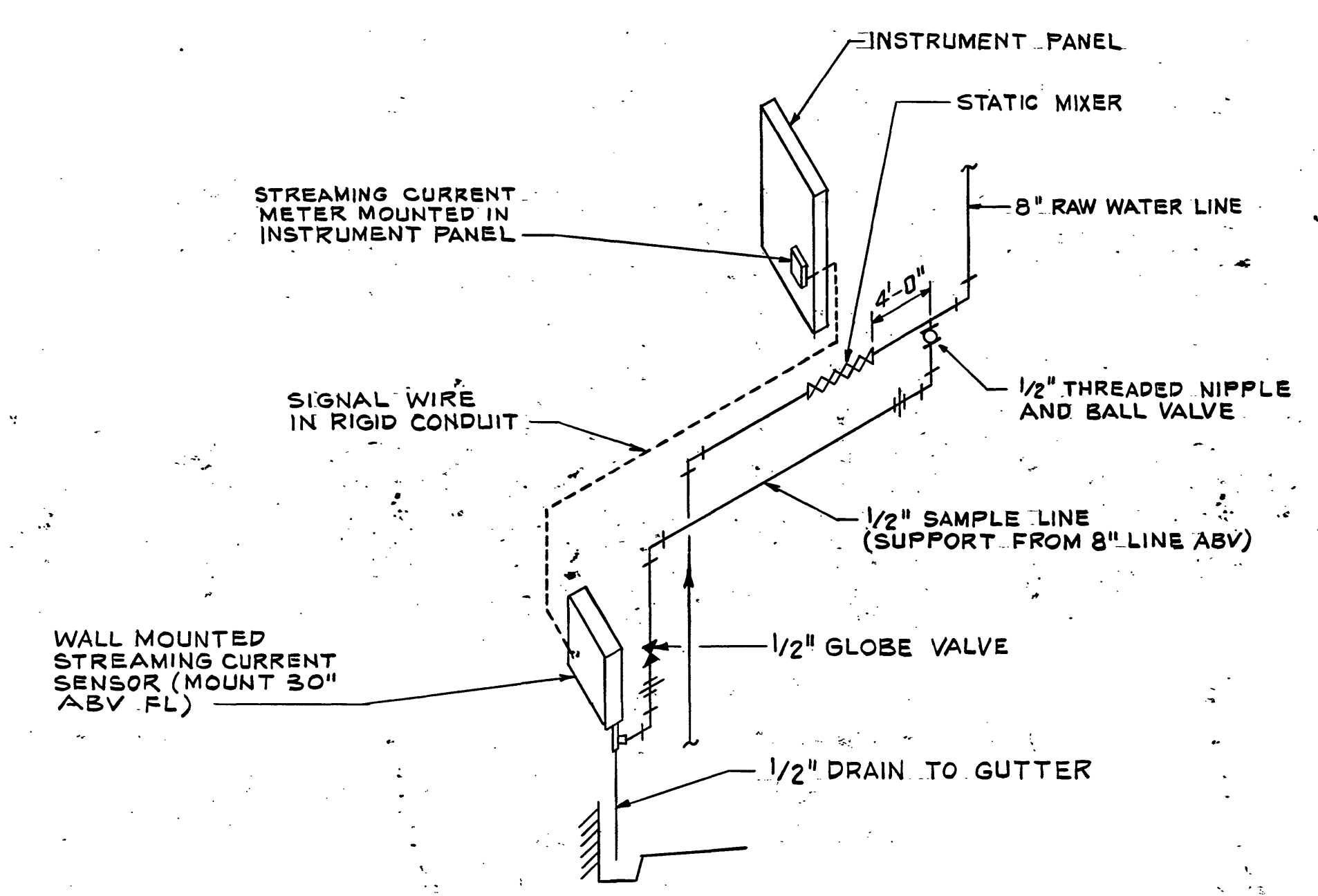
PIPE SUPPORT - TYPE 7
NO SCALE



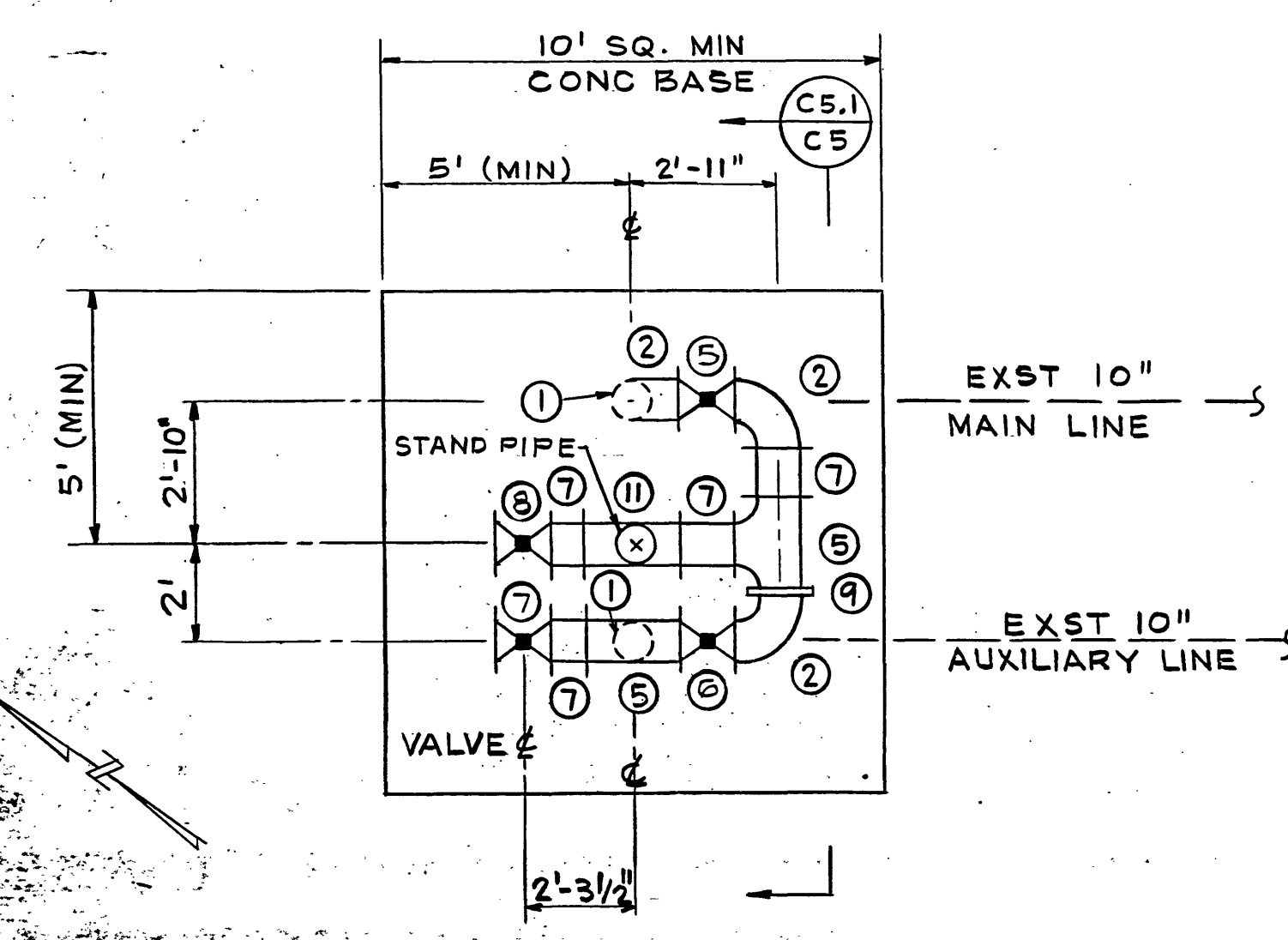
PIPE SUPPORT - TYPE 6
NO SCALE



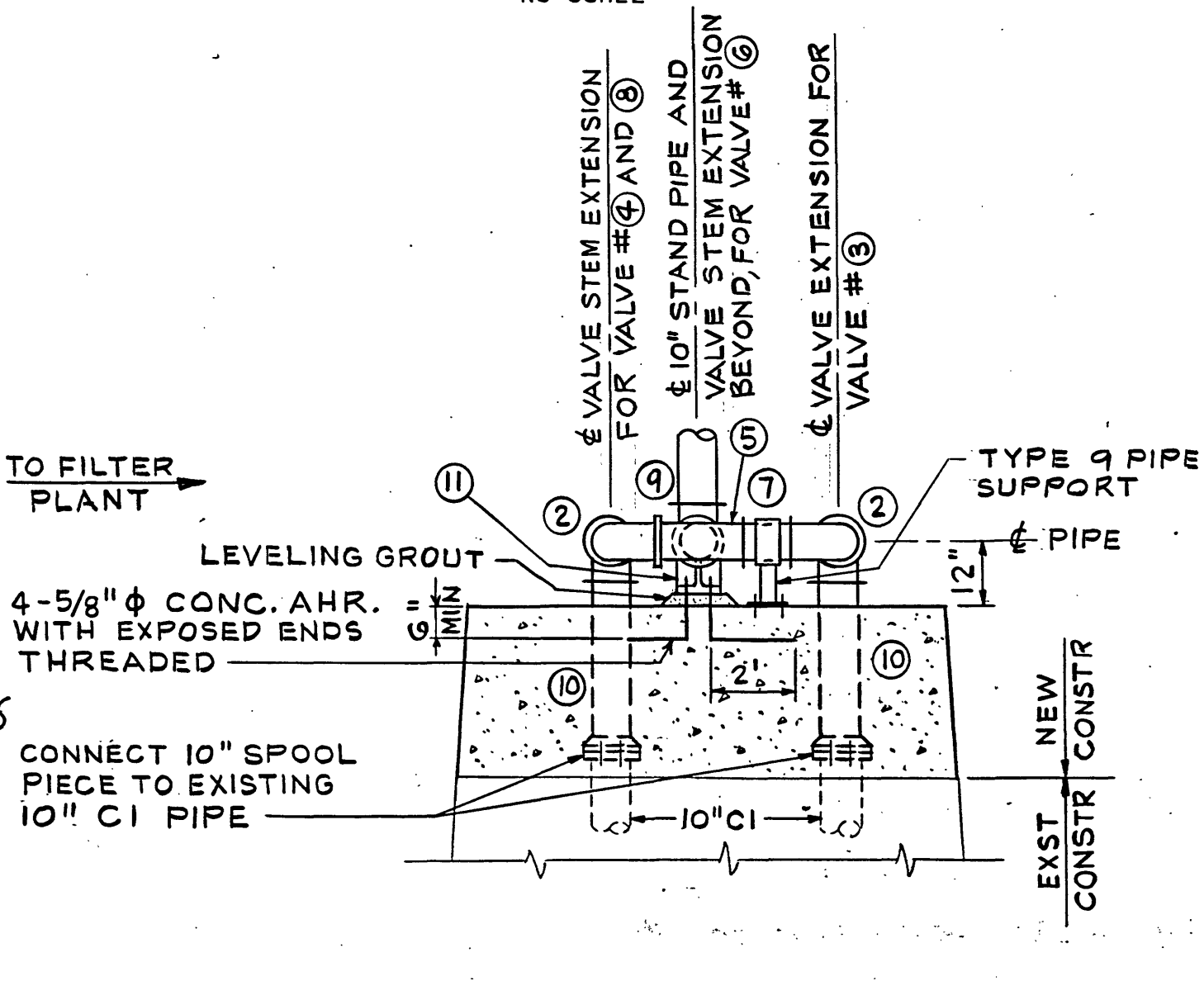
PIPE SUPPORT - TYPE 9
NO SCALE



STREAMING CURRENT MONITOR SCHEMATIC
NO SCALE



PIPING PLAN AT INTAKE TOWER BASE
NO SCALE



SECTION A-A
NO SCALE

10" FLANGED FITTING SCHEDULE

- EXST TIE-IN
- 90° BEND
- GATE VALVE - MAIN LINE
- GATE VALVE - AUXILIARY LINE
- TEE
- BLOW-OFF GATE VALVE - MAIN LINE
- SPOOL PIECE - LENGTH AS REQD
- BLOW-OFF GATE VALVE - AUXILIARY LINE
- 2" SPACER
- FLANGED TO MJ END SPOOL PIECE WITH THREADED STUDS AT FLANGED END
- BASE TEE W/LEVELING GROUT

NOTE: PROVIDE UNIVERSAL JOINT ON VALVE STEM FOR VALVE NO. 3, 4 AND 8.

NOTE: INTAKE TOWER AND CONC REINF NOT SHOWN FOR CLARITY. SEE SH S1 FOR DETAILS OF TOWER FRAME AND CONC. REINF.

DESIGNED	TSK	FALLING CREEK WATER PLANT CITY OF ROANOKE, VIRGINIA	
DRAWN	JB	FLOW SCHEMATIC & HYDRAULIC PROFILE & DETAILS	
CHECKED	MBD	HAYES, SEAY, MATTERN & MATTERN ARCHITECTS - ENGINEERS - PLANNERS ROANOKE, VIRGINIA	
APPROVED	JGP	SCALE	AS NOTED
SUBMITTED	RR	DATE	30 MAY 1989
REVISION	DATE	DESCRIPTION	BY APP
1	8/93	RECORD DRAWING	
2	7/89	ADD PER VDH COMMENTS	WCH
3	7/89	ADD AUXILIARY SUPPLY AND BLOW-OFF LINES	WCH
COMPL. NO.		4296	
SHEET		C5	

