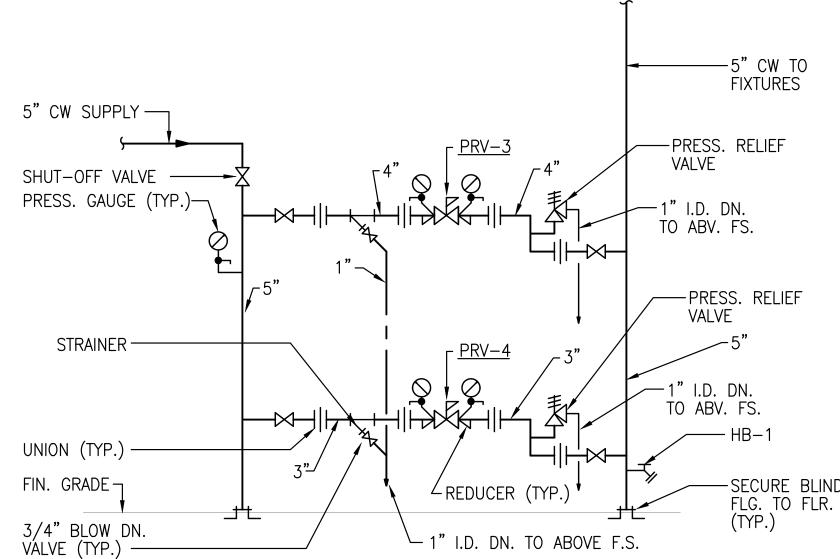
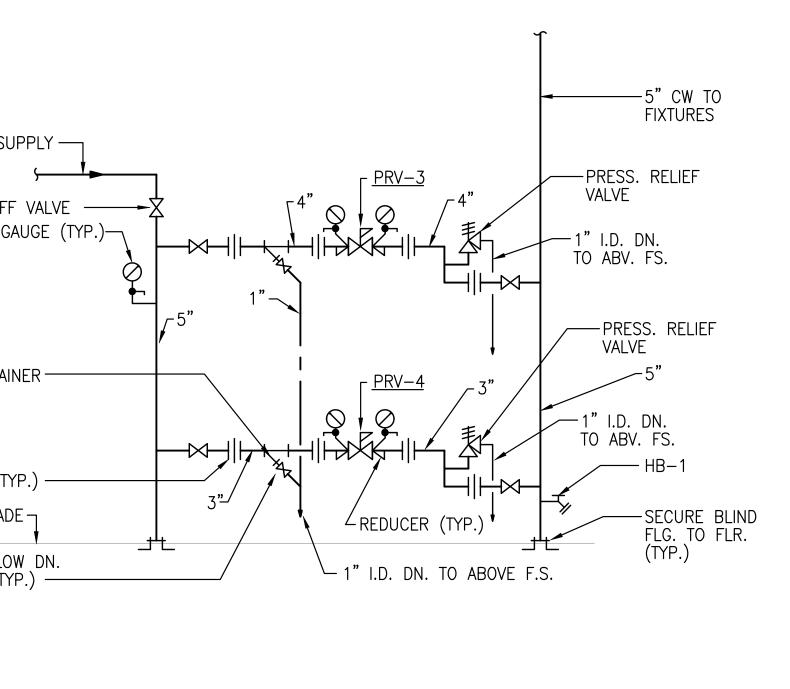
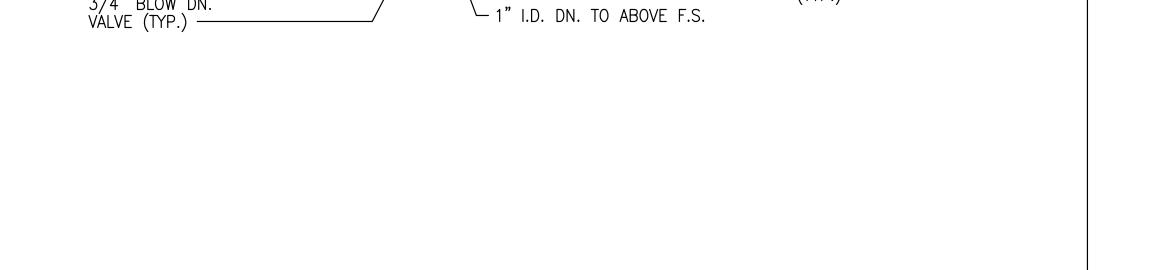


	PRESSURE REDUCING VALVE SCHEDULE						
NO.	SIZE	LOCATION	MANUFACTURER AND MODEL NO.	CAPACITY	OUTLET PRESS SETTING		
PRV-3	3"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	210 GPM	50 PSI		
PRV-4	2½"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	105 GPM	47 PSI		

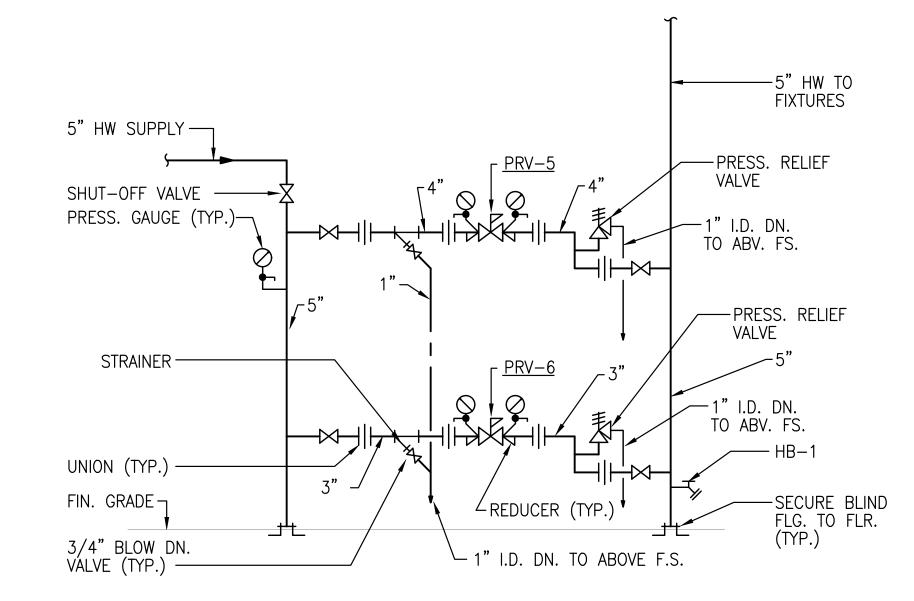






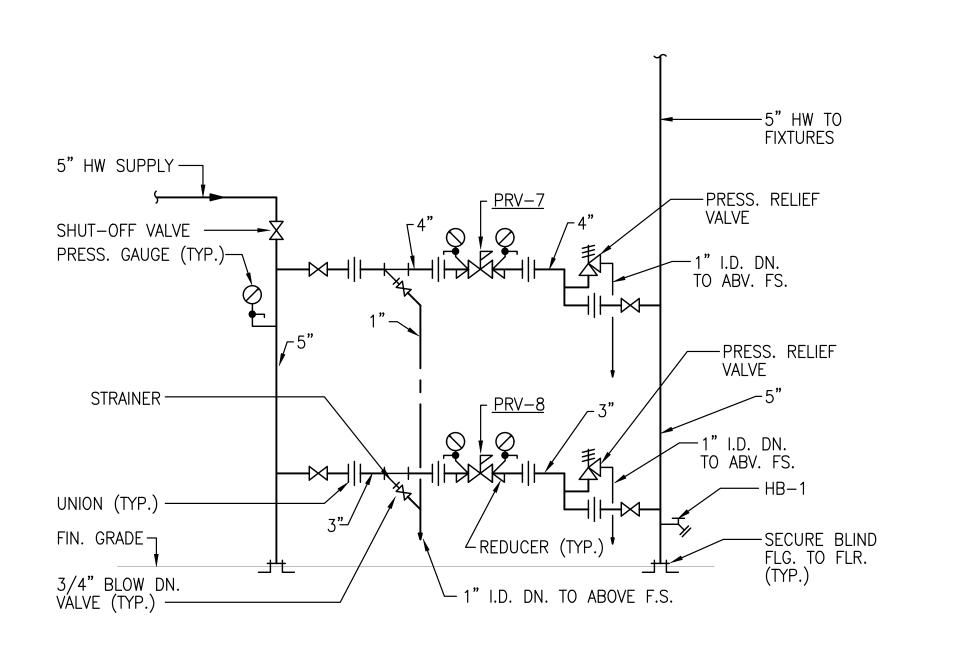
	PRESSURE REDUCING VALVE SCHEDULE						
NO.	SIZE LOCATION		MANUFACTURER AND MODEL NO.	CAPACITY	OUTLET PRESS SETTING		
PRV-5	3"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	150 GPM	90 PSI		
PRV-6	2"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	75 GPM	87 PSI		

COLD WATER PRV STATION (ZONE 2)

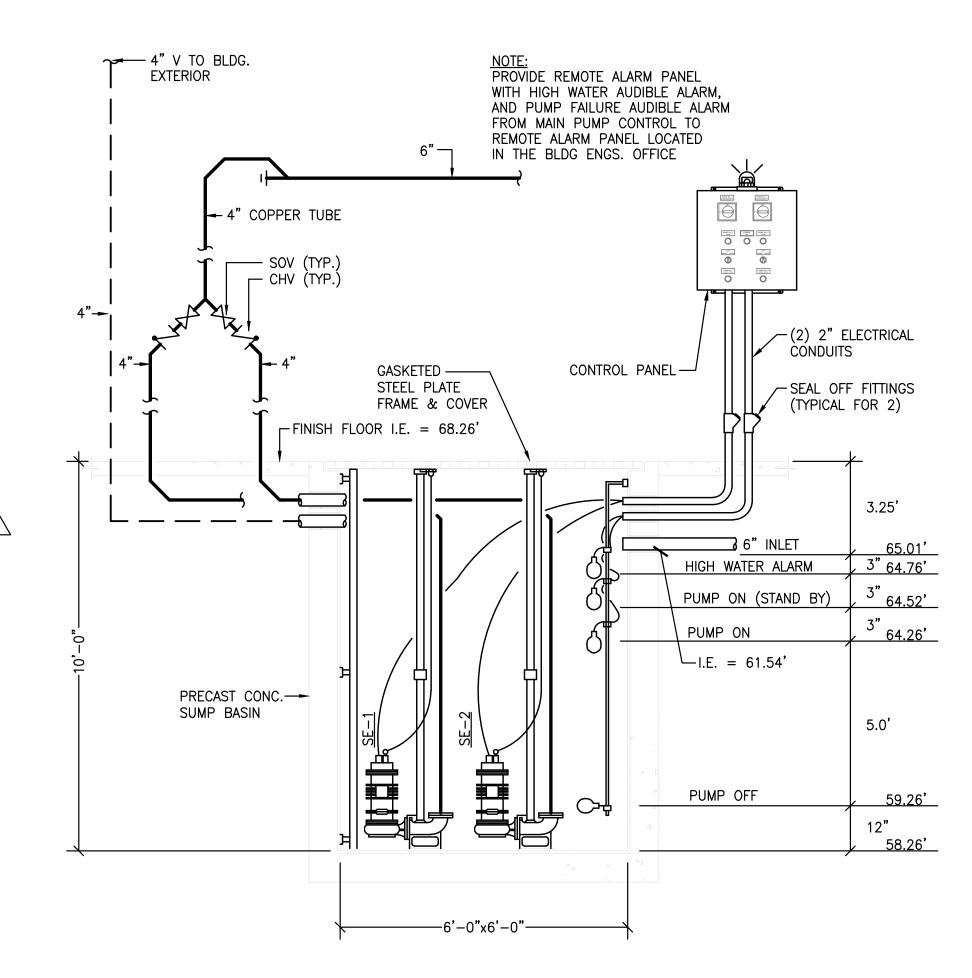


PRESSURE REDUCING VALVE SCHEDULE							
NO.	SIZE	LOCATION	MANUFACTURER AND MODEL NO.	CAPACITY @ 2 PSI ^P	OUTLET PRESS. SETTING		
PRV-7	3"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	175 GPM	58 PSI		
PRV-8	2"	P1 PLUMB. EQUIP ROOM	WILKINS 2W209BP	85 GPM	55 PSI		

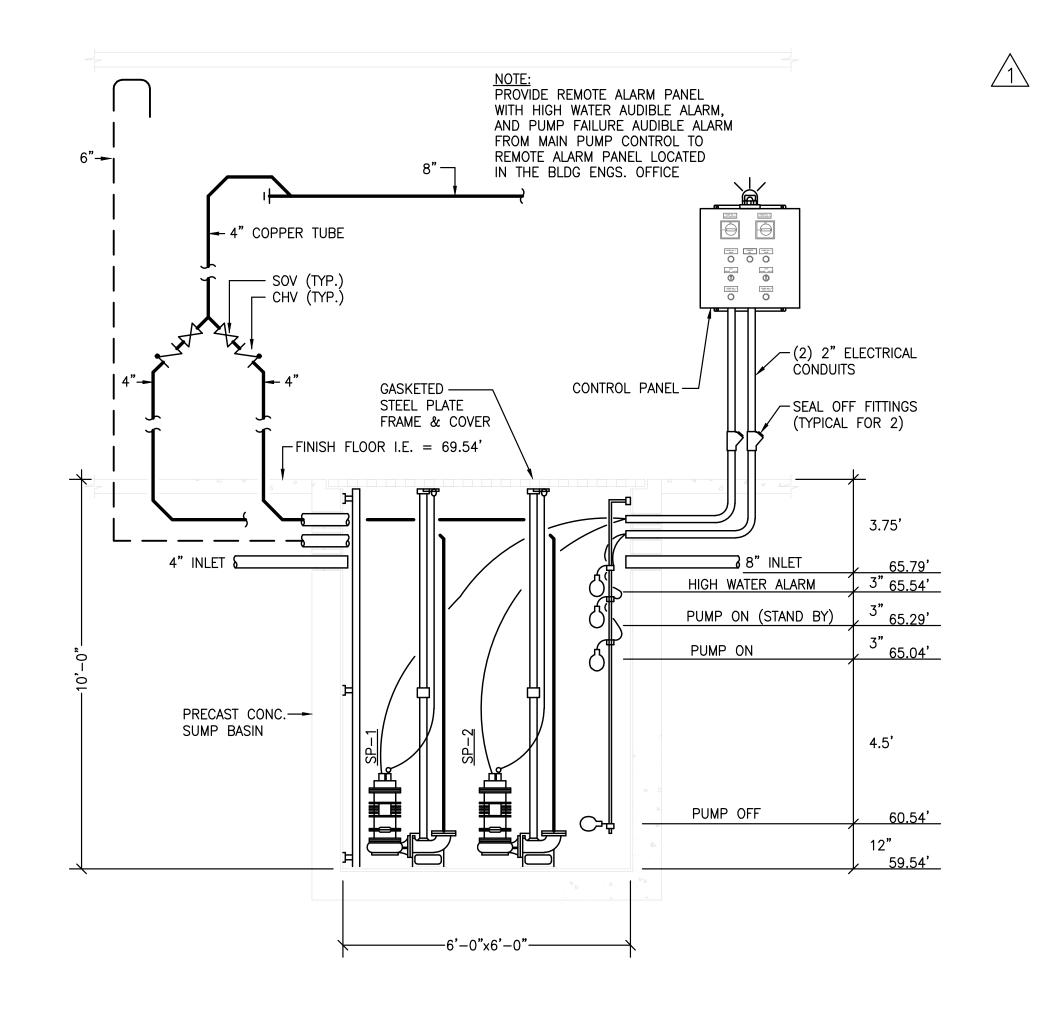
COLD WATER PRV STATION (ZONE 1)

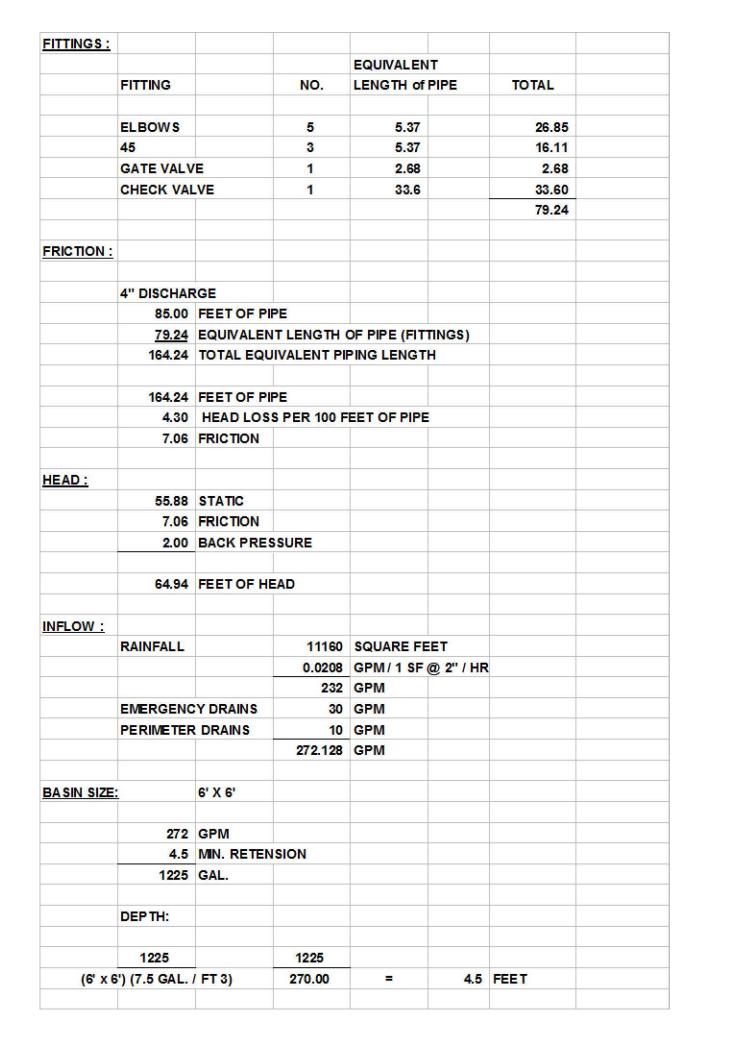






FITTINGS:							
				EQUIVALEN	IT		
_	FITTING		NO.	LENGTH of	PIPE	TOTAL	
	ELBOW S		5	5.37		26.85	
	45		3	5.37		16.11	
	GATE VALVE		1	2.68		2.68	
	CHECK VALVE		1	33.6		33.60 79.24	
FRICTION:							
	4" DISCHARGE						
	300.00	FEET OF PI	PE				
	79.24	EQUIVALEN					
	1		OTAL EQUIVALENT PIPING LENGTH				
	379.24	FEET OF PI	PE				
	3.50	HEAD LOSS PER 100 F		EET OF PIPE			
	13.27	FRICTION					
HEAD:							
	41 O C C C C C C C C C C C C C C C C C C	STATIC					
		FRICTION					
		BACK PRES					
	77.05	FEET OF H	EAD				
INFLOW:							
	FIXTURE			FIXTURE U	NIT		
			FIXTURE		TOTAL		
		NO.	UNITS(SAN)				
		NO.	UNIT S(SAN)		F.U.(SAN)		
WATER CLO	OSET - FV	11	4		44		
URINAL - FV	2	2	2		4		
LAVATORY		9	1		9		
SHOWER		4	2		8		
SINK		4	2		8		
MOP SINK		1	3		3		
STANDPIPE	DRAIN	3	8		24		
2" FLR SIN	(2	4		8		
2" FLR DRA	IN	15	2		30		
ROOF TOP	KITCHEN/BAR	1	50		50		
BANQUET P	KITCHEN	1	50		50		
MAIN KITCH		1	50		50		
	RESTAURANT	3	75		225		
LANDMARK	DEL COMPONENT CO	1	25		25		
LOBBYBAR		1	25	E-12	25		
	TOTAL F.U.			=	563		
	CRM			_	AEA		
	GPM 3 20 LB. WASH	- RS @ 25 C	PM FA	=	151 105		
	O EO EB. WASHI	- KO (@ 00 O	W En.		100		
	TOTAL GPM			=	256		
BASIN SIZE:		6'x6'					
	256	GPM					
		MIN. RETEN	ISION				
	1254	GAL.					
	DEPTH:						
- AF75A74	1254		1254		Const. Ma		
(6' x	6') (7.5 GAL. / F	T 3)	270.00	=		FEET	
					5	FEET	
	EIVTURE UNITO	For					
	FIXTURE UNITS	563					





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<u>CONSULTANTS</u>

AS NOTED

P-500 June 25, 2013

SCALE 4 HOT WATER PRV STATION (ZONE 2) HOT WATER PRV STATION (ZONE 1) DUPLEX SUBMERSIBLE SUMP PUMP DUPLEX SEWAGE EJECTOR

SCALE 3