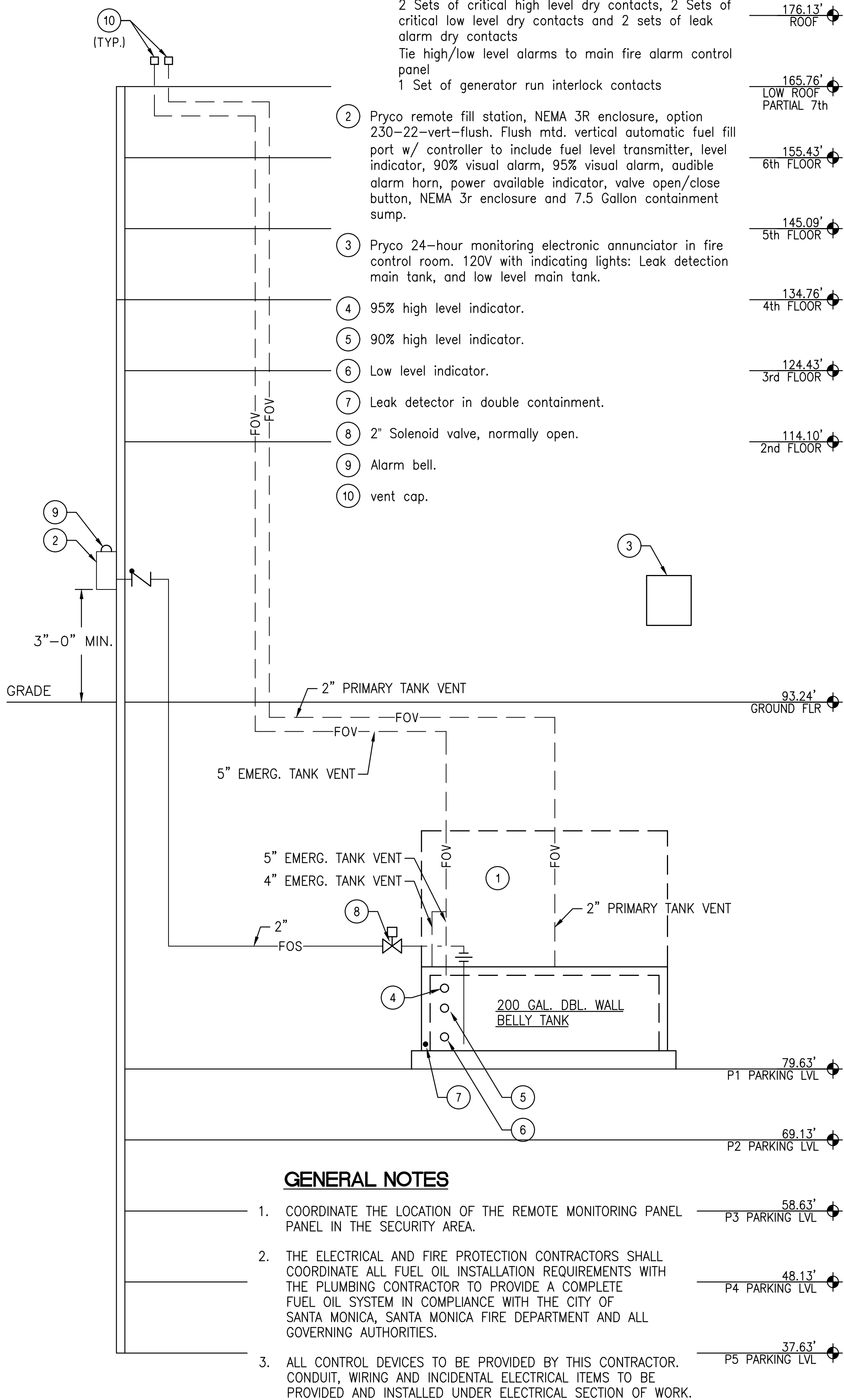
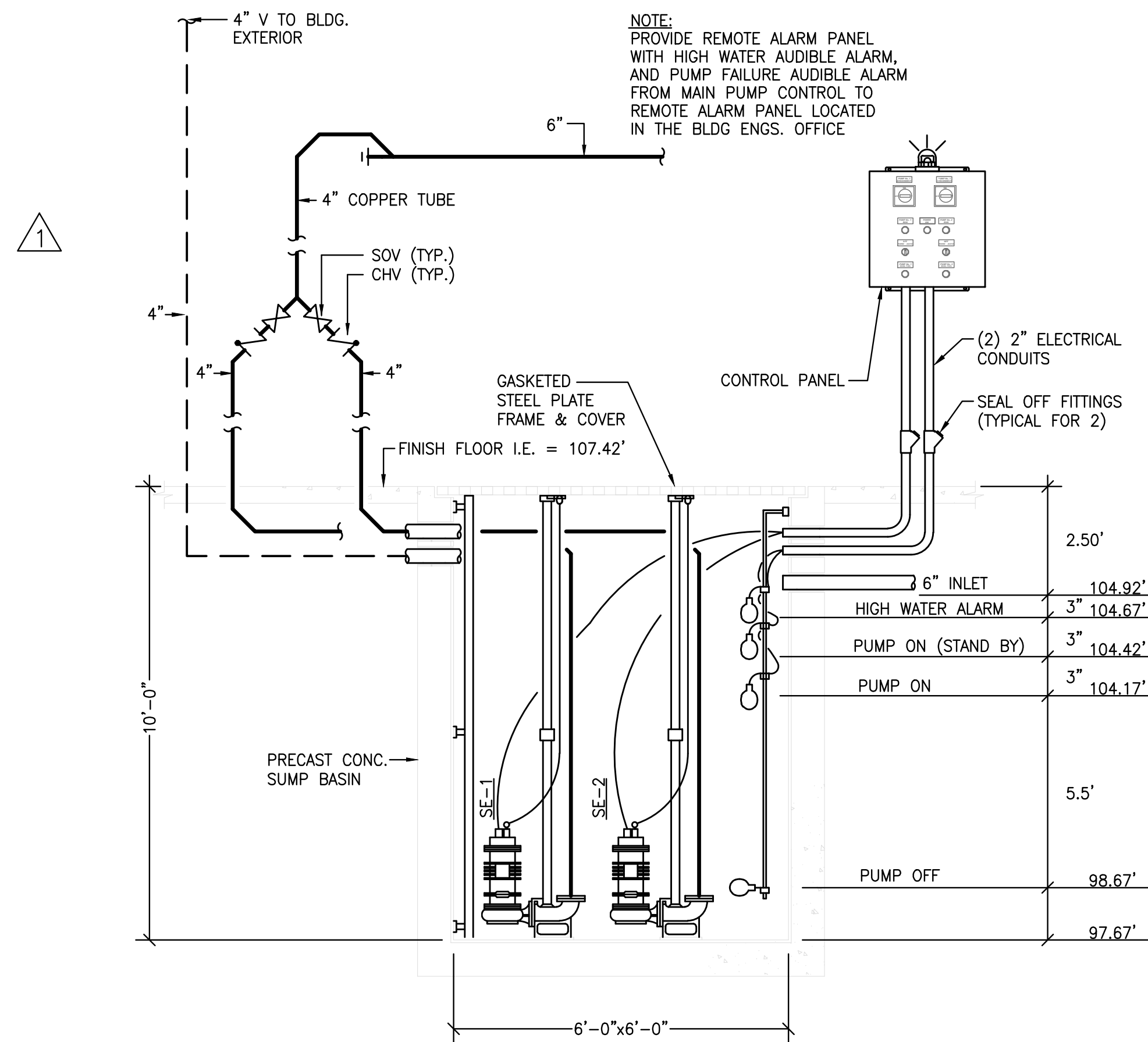


## STANDPIPE DRAIN HD-2



## FUEL OIL PIPING DIAGRAM



<b>FITTINGS :</b>						
	FITTING	NO.	EQUIVALENT LENGTH OF PIPE			TOTAL
	ELBOWS	3	5.37			16.11
	45	3	5.37			16.11
	GATE VALVE	1	2.68			2.68
	CHECK VALVE	1	33.6			33.60
						68.50
<b>FRICION :</b>						
	4" DISCHARGE					
	80.00 FEET OF PIPE					
	85.00 EQUIVALENT LENGTH OF PIPE (FITTINGS)					
	118.50 TOTAL EQUIVALENT PIPING LENGTH					
	118.50 FEET OF PIPE					
	7.00 HEAD LOSS PER 100 FEET OF PIPE					
	8.30 FRICTION					
<b>HEAD :</b>						
	20.62 STATIC					
	8.30 FRICTION					
	2.00 BACK PRESSURE					
	20.92 FEET OF HEAD					
<b>INFLOW :</b>						
	FIXTURE		FIXTURE UNIT			
		NO.	FIXTURE UNITS(SAN)		TOTAL F.U.(SAN)	
	LAVATORY	3	1		3	
	WATER CLOSET	2	4		8	
	4" FLR SINK	3	8		24	
	4" FLR DRAIN	3	8		24	
	STANDPIPE DRAIN	1	8		8	
	MOP SINK	1	3		3	
	TOTAL F.U.			=	70	
	GPM			=	57	
	FIRE TANK OVERFLOW @ 300 GPM			=	300	
	TOTAL GPM			=	357	
<b>BASIN SIZE:</b>						
	6" DIA					
	357 GPM					
	4.0 MIN. RETENSION					
	1430 GAL.					
	DEPTH:					
	1430		1430			
	(6" x 6") (7.5 GALL. / FT 3)		276.00	=	5.3 FEET	
					8.5 FEET	

## DUPLEX SEWAGE EJECTOR