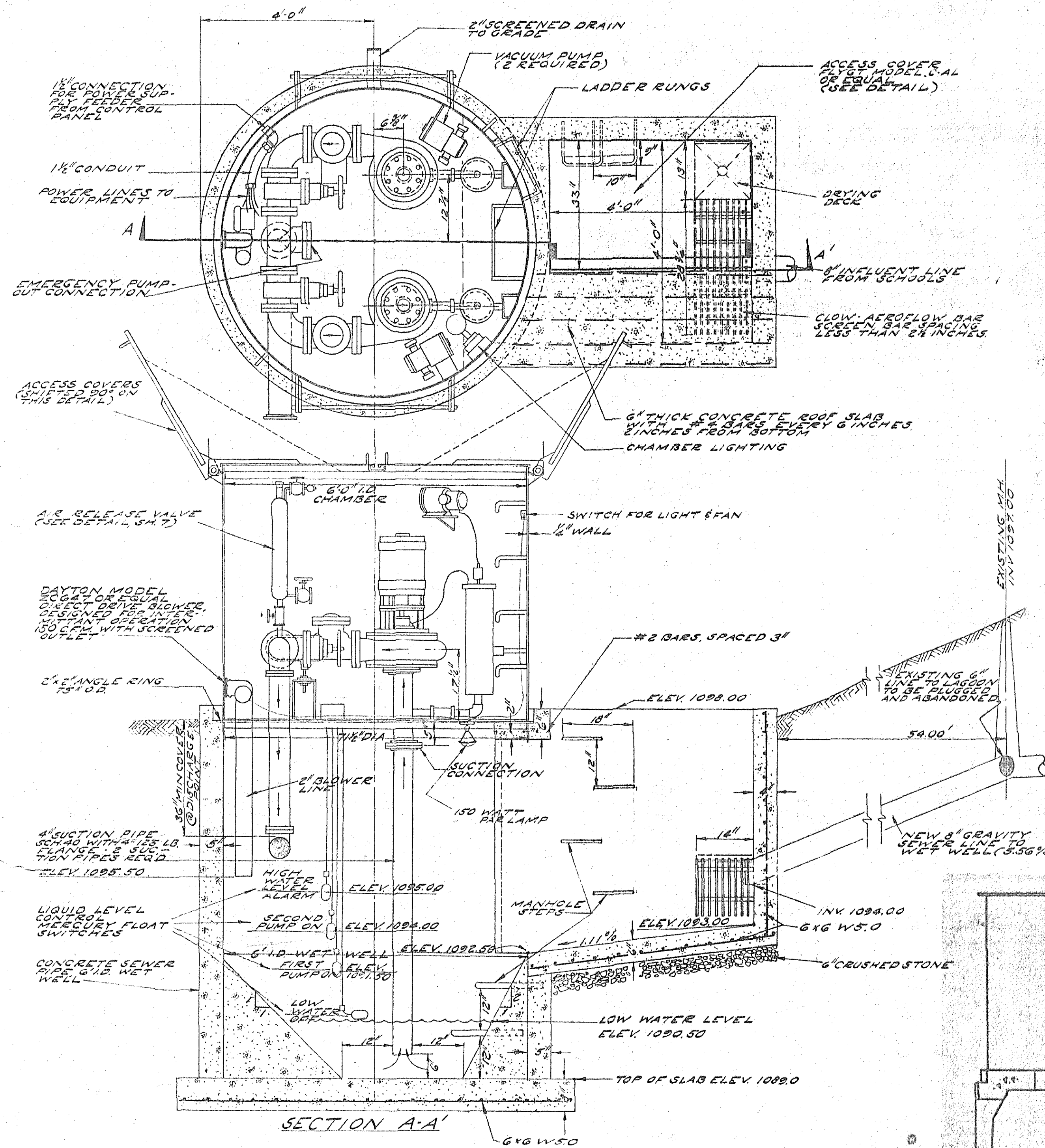
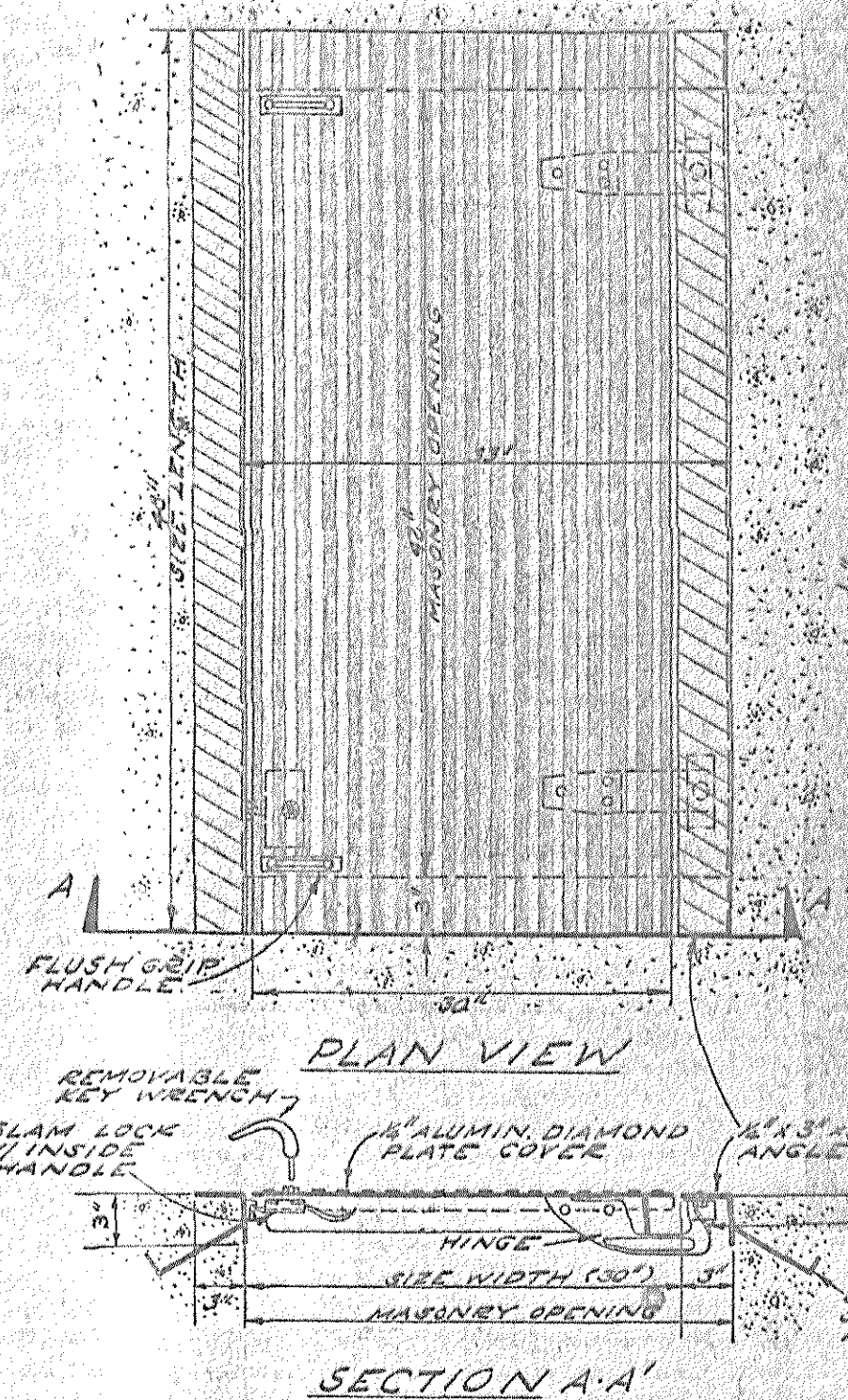




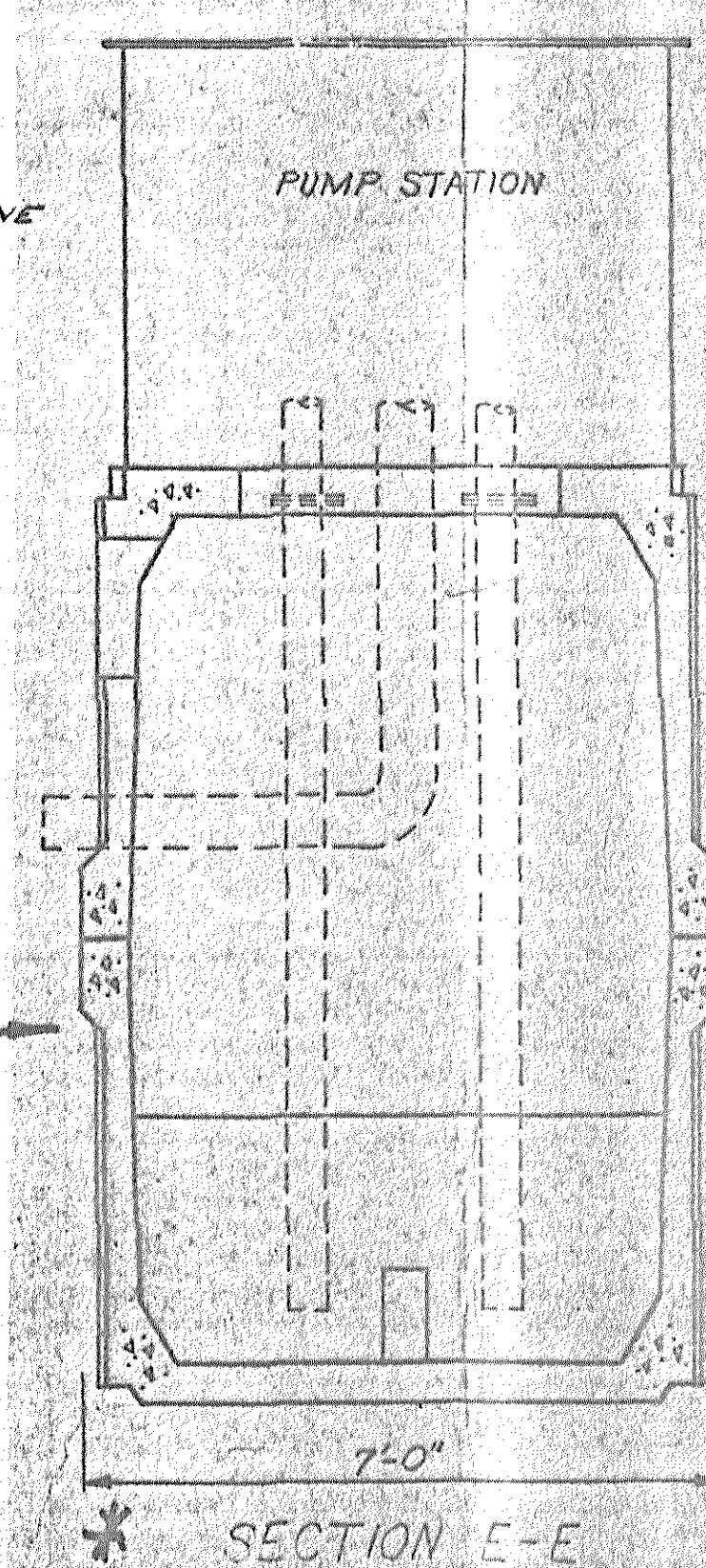
*** PUMP STATION DETAIL**
NOT TO SCALE

* Note: See "Clear Flow Company"
Manufacturer Drawings Reproduced
Elsewhere on this Sheet

Wet Well "As-Built"
by: "Clear Flow Co."



ACCESS COVER DETAIL
NOT TO SCALE

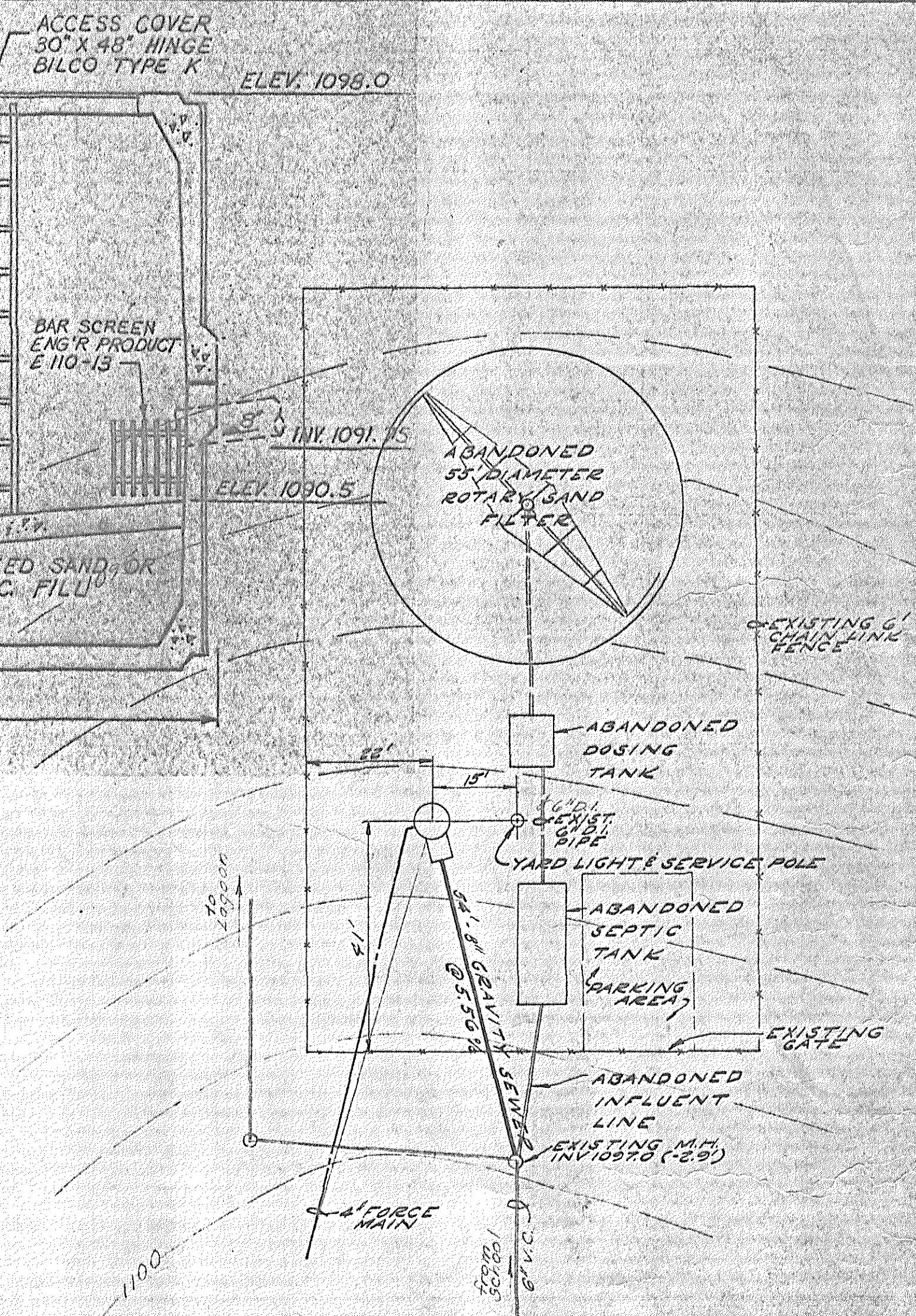


SECTION E-E

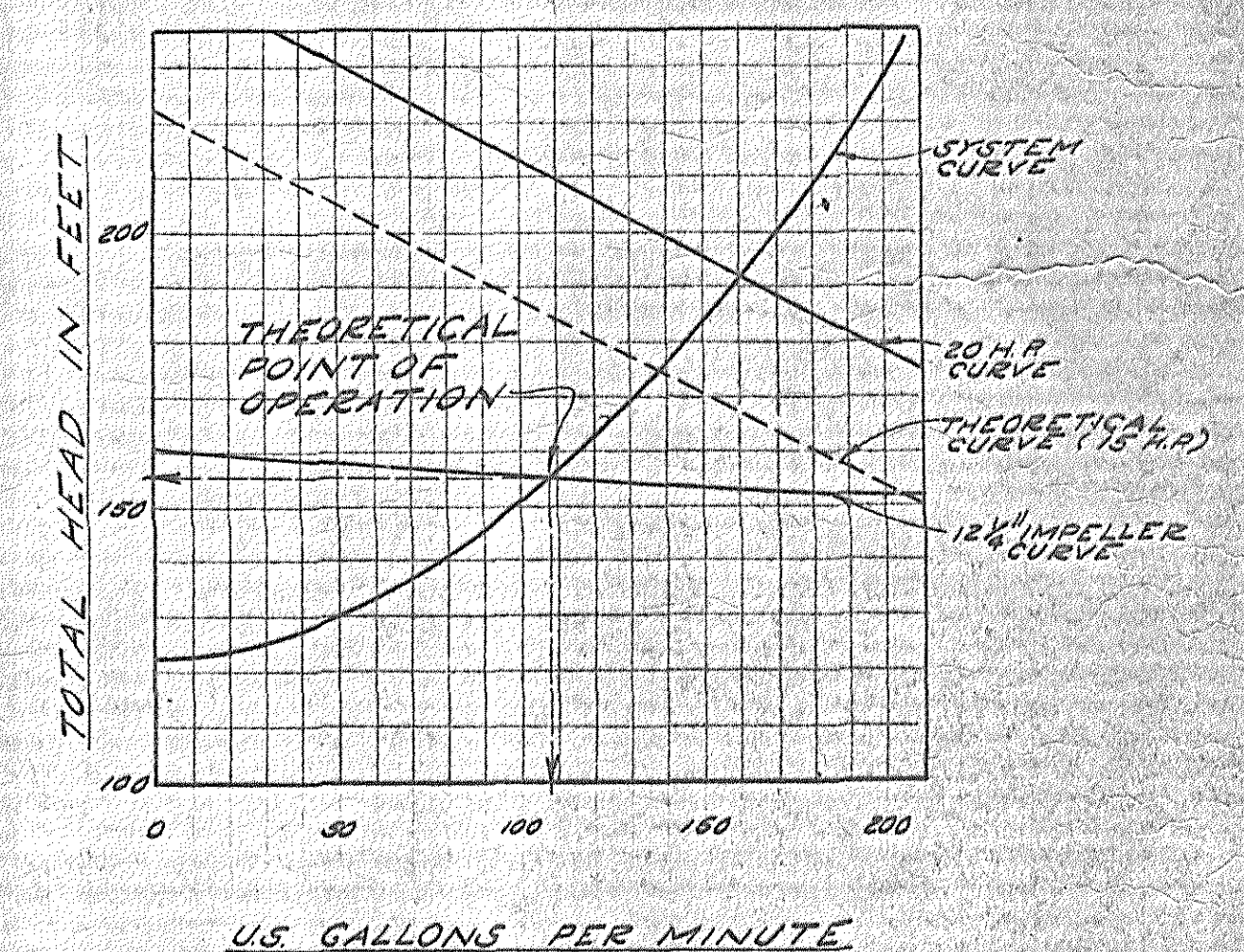
AVERAGE FLOW	41.67 GPM (20.26 G.P.HOURS)
AVERAGE 10 MIN. VOLUME	55.7 FT. ³
REQUIRED DEPTH (6' DIA)	1.97'
GRADE ELEVATION	1097.50
INFLUENT INVERT	1092.50
LOW WATER LEVEL	1090.50
MAXIMUM ELEV. IN FORCE MAIN	1212.33
STATIC HEAD	121.83'
SIZE OF FORCE MAIN	4"
DESIGN PUMP RATE	100 GPM
LENGTH OF FORCE MAIN TO HIGH POINT	3012.37'
FITTING LOSS IN PUMP STATION (EQUIV. FT.)	187.00
FITTING LOSS IN FORCE MAIN (EQUIV. FT.)	152.00
TOTAL EQUIV. LENGTH OF FORCE MAIN	3351.37'
FRICTION LOSS (C=120)	0.87/100'
HEAD LOSS FROM FRICTION	29.26'
TOTAL DYNAMIC HEAD	151.09'
PUMP SELECTION:	
ENPO-CORNELL } OR EQUAL	
MODEL 4NHT }	
IMPELLER 12" DIAMETER	
20 HORSEPOWER	
1750 RPM	

HYDRAULIC CALCULATIONS

* Wet Well "As-Built" by
"Clear Flow Company"



SITE PLAN
SCALE: 1"=20'



PUMP CURVE