ROMTEC UTILITIES / ITT GOULDS TRIPLEX LINESHAFT TURBINE PUMP LIFT STATION

VAULT DESIGN NOTES:

1. VALVES AND PIPING SYSTEM FACTORY TESTED TO 100 PSI AFTER ASSEMBLY.

(51) VAULT LADDER

(52) ALUMINUM ACCESS HATCH WITH SAFETY GRATE. STAINLESS STEEL HARDWARE. PRECAST INTO VAULT TOP SLAB. PEDESTRIAN RATED. PART# 51364

(53) DI 45° BEND (FLG x FLG)

(54) AUTOMATIC AIR RELEASE VALVE; 2 INCH

(55) SLUICE GATE (2 REQUIRED)

(56) FLANGED DI BODY SWING CHECK VALVE, VALMATIC SWINGFLEX MODEL 500A. PROVIDE THREE VALVES WITH MECHANICAL INDICATOR (MI), AND ONE WITH BACKFLOW ACTUATOR (BF).

(57) ECCENTRIC PLUG VALVE, VALMATIC CAMCENTRIC MODEL 5800R. FLANGED WITH HAND WHEEL GEAR OPERATOR AND WORM GEAR ACTUATOR

(58) DI 90° BEND (FLG x FLG)

(59) DI PIPE SPOOL (FLG x FLG)

(60) DI WYE (FLG x FLG)

(61) PRESSURE GAUGE 3 1/2" DIAL FACE, STAINLESS STEEL CASE

(62) DI PIPE SPOOL (FLG x FLG)

(63) ADJUSTABLE PIPE SUPPORT, STANDON (TYP OF 8).

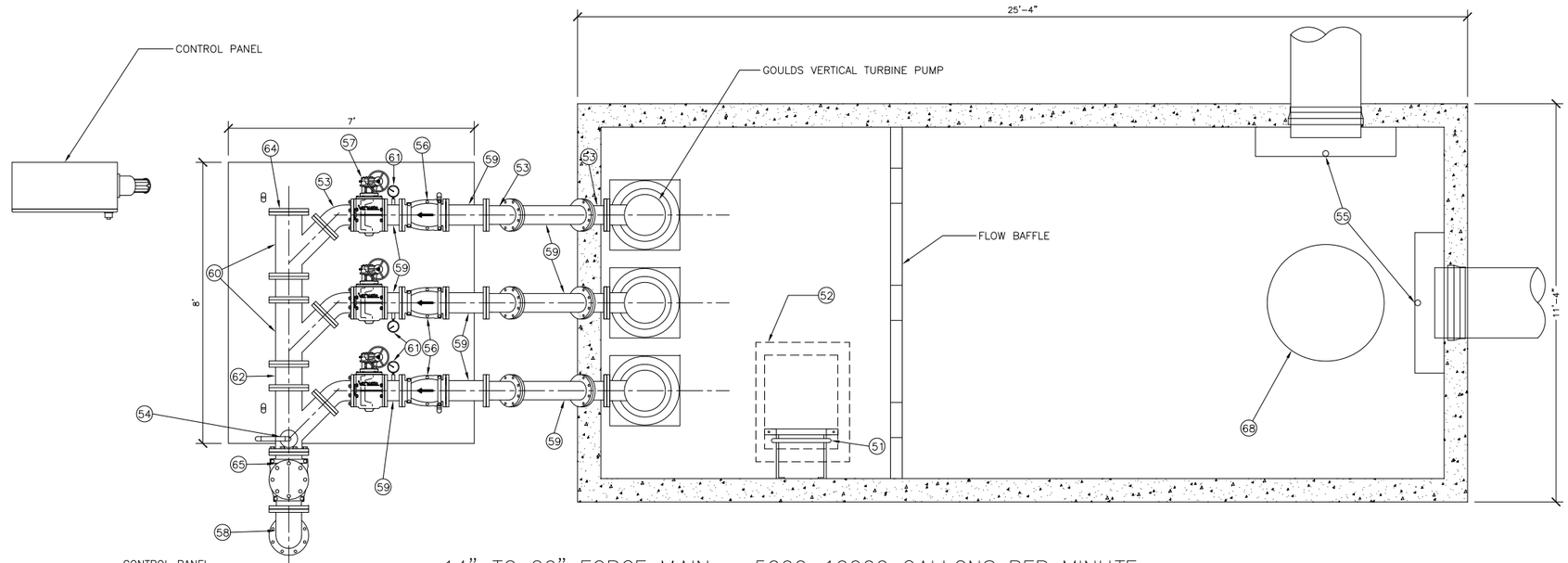
(64) BLIND FLANGE

(65) CONSTANT PRESSURE VALVE

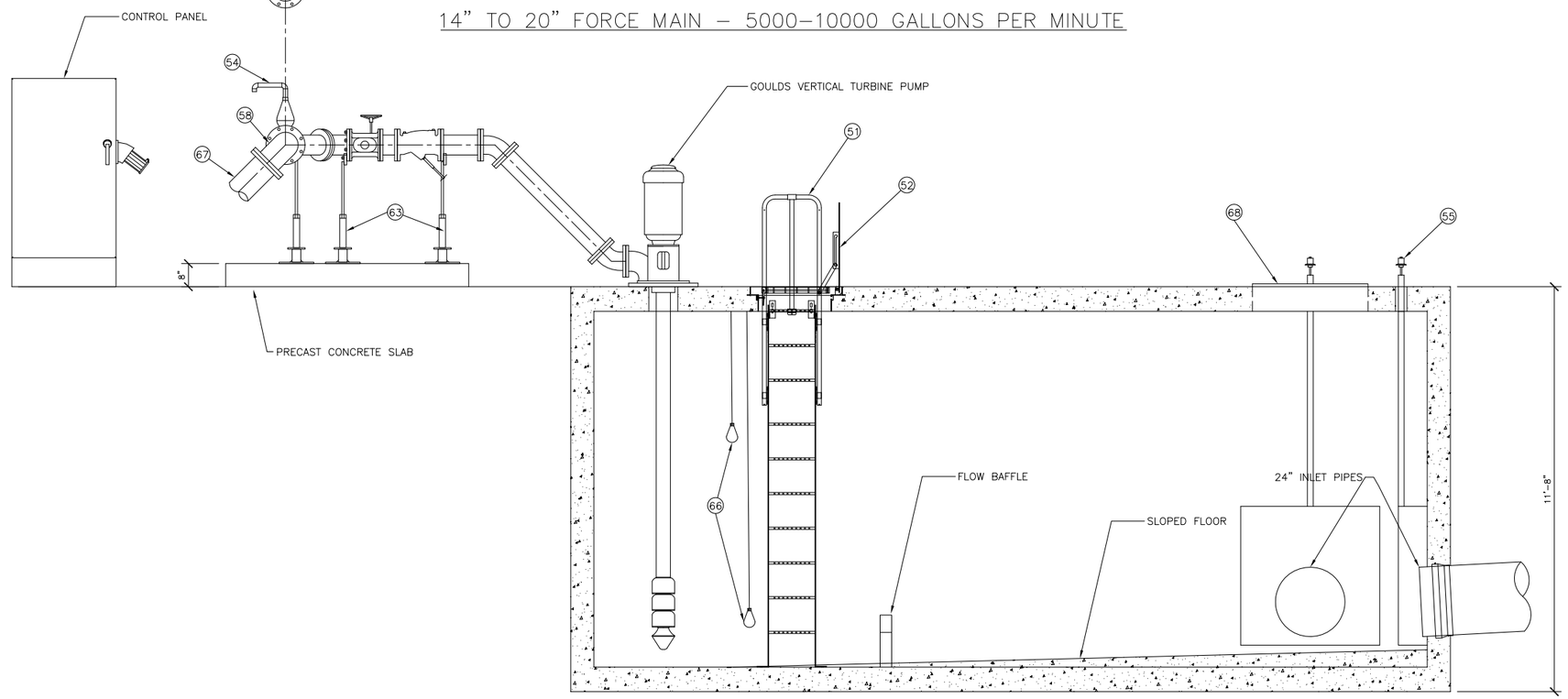
(66) TWO LIQUID LEVEL SENSORS FOR HIGH LEVEL ALARM AND LOW LEVEL ALARM.

(67) FORCE MAIN (BY OTHERS).

(68) STANDAND MANHOLE COVER TO ACCESS INLETS.



14" TO 20" FORCE MAIN – 5000–10000 GALLONS PER MINUTE



NO.	DATE	DESCRIPTION	BY
1	3-20-09	CONCEPT DRAWING	AD

REVISIONS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DSN. AD
DRN. AD
CKD. AD
DATE:APRIL 2009

ROMTEC UTILITIES
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ROMTEC Utilities, Inc.

X-LARGE FLOW
LINE SHAFT TURBINE SYSTEM

SHEET 1 OF 1

JOB NUMBER
RMTC 0000