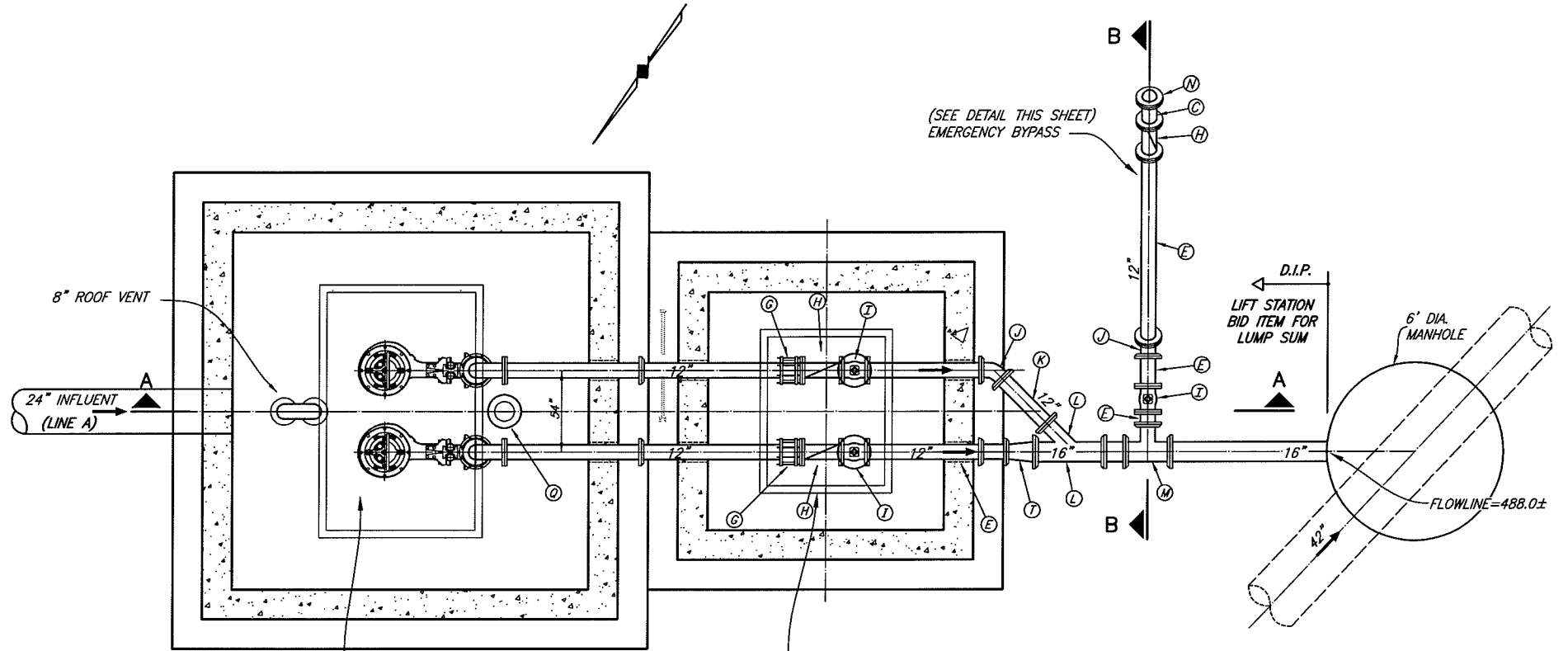
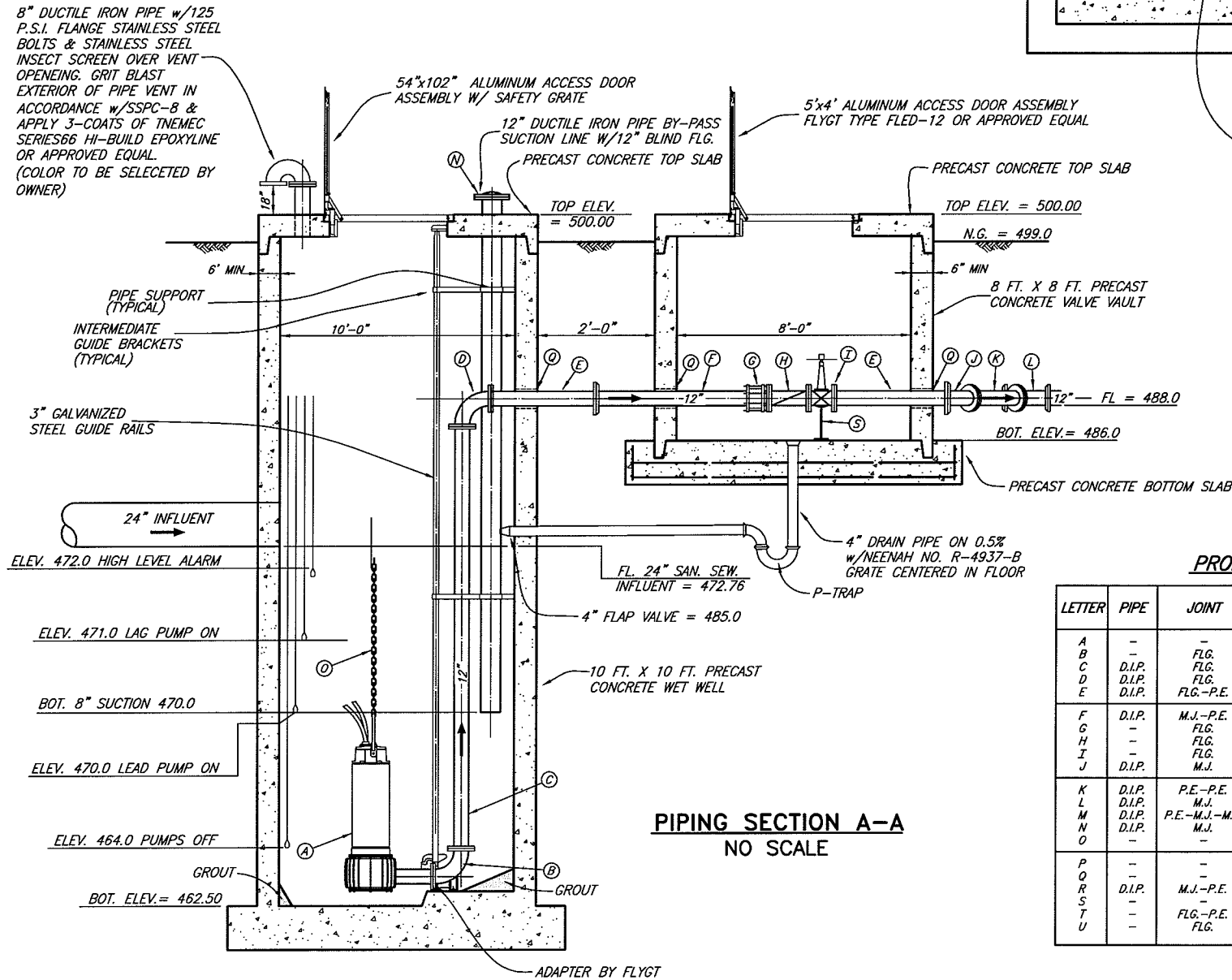


PIPING SECTION B-B EMERGENCY BYPASS DETAIL



**PLAN VIEW
NO SCALE**



**PIPING SECTION A-A
NO SCALE**

PROPOSED LEGEND

LETTER	PIPE	JOINT	DESCRIPTION
A	-	-	PUMP W/ MOTOR
B	-	FLG.	12"x12" BASE ELBOW (BY PUMP MFG.)
C	D.I.P.	FLG.	PIPE SPOOL
D	D.I.P.	FLG.	90° LONG RADIUS BEND
E	D.I.P.	FLG.-P.E.	PIPE SPOOL
F	D.I.P.	M.J.-P.E.	PIPE SPOOL
G	-	FLG.	THRUST HARNESS
H	-	FLG.	SWING CHECK VALVE W/ LEVER & WEIGHT
I	-	FLG.	GATE VALVE (WHEEL OPERATED)
J	D.I.P.	M.J.	45° BEND
K	D.I.P.	P.E.-P.E.	PIPE SPOOL
L	D.I.P.	M.J.	WYE
M	D.I.P.	P.E.-M.J.-M.J.	TEE
N	D.I.P.	M.J.	BLIND FLANGE
O	-	-	STAINLESS STEEL LIFTING CHAIN
P	-	-	GUIDE BAR
Q	-	-	WALL PIPE W/ LINK SEAL
R	D.I.P.	M.J.-P.E.	PIPE SPOOL
S	-	-	UNISTRUT PIPE SUPPORT
T	-	FLG.-P.E.	REDUCER
U	-	FLG.	LONG REDUCING BEND

This record drawing is a compilation of the sealed engineering drawing for this project; modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birkhoff, Hendricks & Conway, L.L.P.

BY P.A.C. DATE 11/06/08

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CITY OF ROCKWALL, TEXAS

**F.M. 3097 SAN. SEW. IMPROVEMENTS
LIFT STATION NO. 2**

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: P.A.C. PROJECT: 2004-147 SHEET NO. 36
DRAWN BY: B.H.C. DATE: MAY, 2006

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
DATE: 5/16/06

