

LEGEND

- CHECK STRUCTURE
- VALVE
- RADIAL GATE
- REDUCER
- SIPHON
- SLUICE GATE
- PUMP STATION
- STOP LOG
- DAM
- VEHICLE BRIDGE
- FLOW ARROW
- FLAP GATE
- SPILLWAY / OVERFLOW
- PARSHALL FLUME
- VENTURI FLOW METER
- MAGNETIC FLOW METER
- FLOW INDICATOR
- LEVEL TRANSMITTER
- POSITION TRANSMITTER
- FLOW METER
- PRESSURE TRANSMITTER
- RAILROAD CROSSING

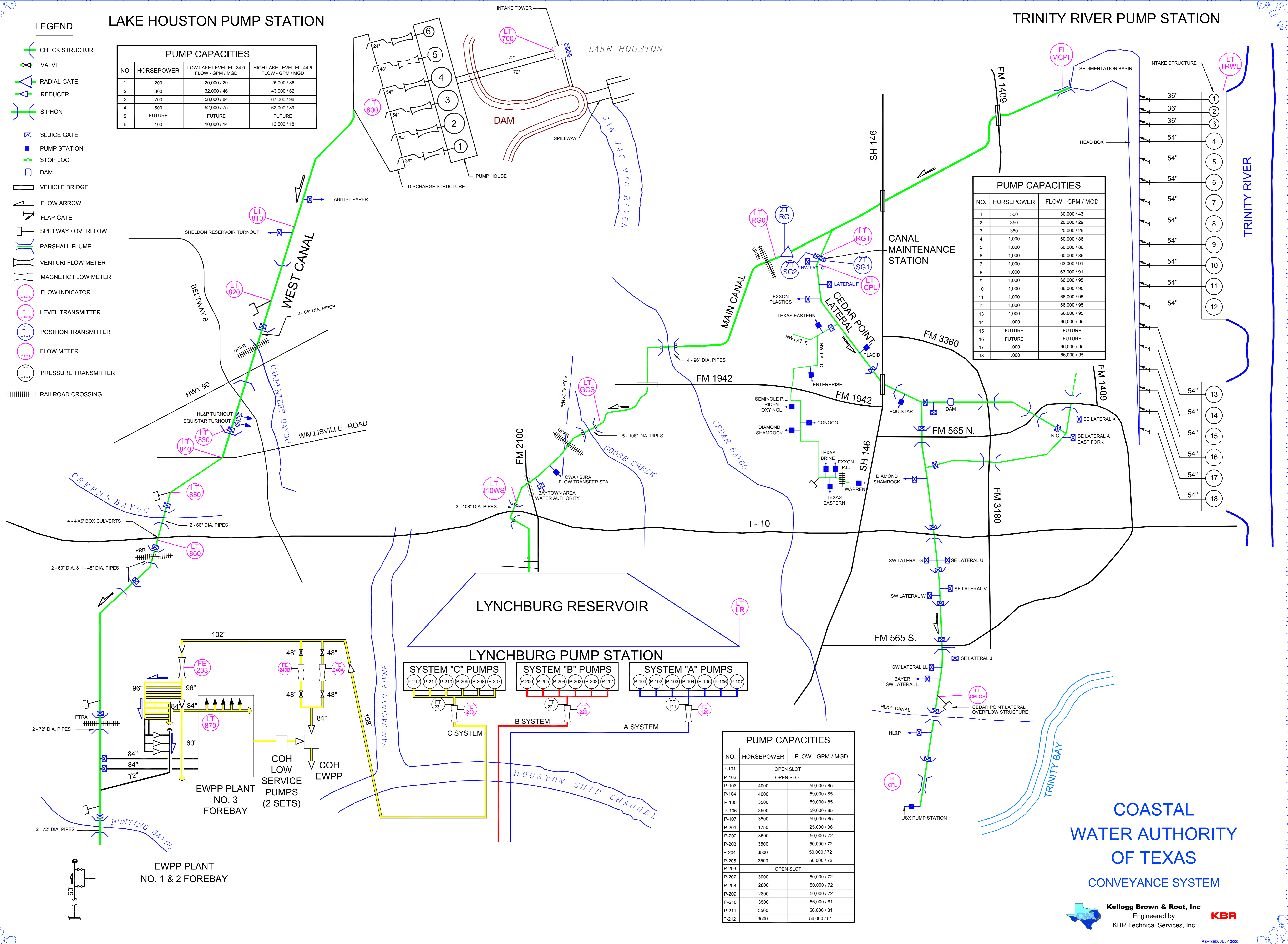
LAKE HOUSTON PUMP STATION

PUMP CAPACITIES			
NO.	HORSEPOWER	LOW LAKE LEVEL EL. 34.0 FLOW - GPM / MGD	HIGH LAKE LEVEL EL. 44.5 FLOW - GPM / MGD
1	200	20,000 / 29	25,000 / 36
2	300	32,000 / 46	43,000 / 62
3	700	58,000 / 84	67,000 / 96
4	500	52,000 / 75	62,000 / 89
5	FUTURE	FUTURE	FUTURE
6	100	10,000 / 14	12,500 / 18

TRINITY RIVER PUMP STATION

PUMP CAPACITIES		
NO.	HORSEPOWER	FLOW - GPM / MGD
1	500	30,000 / 43
2	350	20,000 / 29
3	350	20,000 / 29
4	1,000	60,000 / 86
5	1,000	60,000 / 86
6	1,000	60,000 / 86
7	1,000	63,000 / 91
8	1,000	63,000 / 91
9	1,000	66,000 / 95
10	1,000	66,000 / 95
11	1,000	66,000 / 95
12	1,000	66,000 / 95
13	1,000	66,000 / 95
14	1,000	66,000 / 95
15	FUTURE	FUTURE
16	FUTURE	FUTURE
17	1,000	66,000 / 95
18	1,000	66,000 / 95

PUMP CAPACITIES		
NO.	HORSEPOWER	FLOW - GPM / MGD
P-101	OPEN SLOT	
P-102	OPEN SLOT	
P-103	4000	59,000 / 85
P-104	4000	59,000 / 85
P-105	3500	59,000 / 85
P-106	3500	59,000 / 85
P-107	3500	59,000 / 85
P-201	1750	25,000 / 36
P-202	3500	50,000 / 72
P-203	3500	50,000 / 72
P-204	3500	50,000 / 72
P-205	3500	50,000 / 72
P-206	OPEN SLOT	
P-207	3000	50,000 / 72
P-208	2800	50,000 / 72
P-209	2800	50,000 / 72
P-210	3500	56,000 / 81
P-211	3500	56,000 / 81
P-212	3500	56,000 / 81



COASTAL WATER AUTHORITY OF TEXAS
CONVEYANCE SYSTEM

Kellogg Brown & Root, Inc
Engineered by
KBR Technical Services, Inc **KBR**

REVISED: JULY 2009