

# LG&E/KU - MILL CREEK STATION PHASE II: AIR QUALITY CONTROL STUDY PROCESS FLOW DIAGRAMS



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168908-MCUUU-M2001	LEGEND
168908-MCSTG-M2547	SITE FIRE PROTECTION

UNIT 1		UNIT 2		UNIT 3		UNIT 4	
B&V DRAWING NUMBER	TITLE						
168908-M1ASB-M2022	FLY ASH HANDLING	168908-M2ASB-M2022	FLY ASH HANDLING	168908-M3ASB-M2022	FLY ASH HANDLING	168908-M4ASB-M2022	FLY ASH HANDLING
168908-M1CCE-M2145	INDUCED DRAFT	168908-M2CCE-M2145	INDUCED DRAFT	168908-M3CCE-M2145	INDUCED DRAFT	168908-M4CCC-M2143	FLUE GAS DESULFURIZATION
168908-M1CCH-M2148A	POWDER ACTIVATED CARBON INJECTION	168908-M2CCH-M2148A	POWDER ACTIVATED CARBON INJECTION	168908-M3CCH-M2148A	POWDER ACTIVATED CARBON INJECTION	168908-M4CCE-M2145	INDUCED DRAFT
168908-M1CCH-M2148B	SORBENT INJECTION	168908-M2CCH-M2148B	SORBENT INJECTION	168908-M3CCH-M2148B	SORBENT INJECTION	168908-M4CCH-M2148A	POWDER ACTIVATED CARBON INJECTION
168908-M1CAB-M2182	AQCS COMPRESSED AIR	168908-M2CAB-M2182	AQCS COMPRESSED AIR	168908-M3CAB-M2182	AQCS COMPRESSED AIR	168908-M4CCH-M2148B	SORBENT INJECTION
						168908-M4CAB-M2182	AQCS COMPRESSED AIR

### RILEY POWER INC. DRAWINGS SELECTIVE CATALYTIC REDUCTION SYSTEM

DRAWING NUMBER	TITLE
502646-104900002	LEGEND
502646-104900037	AMMONIA INJECTION SYSTEM A
502646-104900038	AMMONIA INJECTION SYSTEM B
502646-104900039	DILUTION AIR SUPPLY SYSTEM
502646-104900050	SELECTIVE CATALYTIC REDUCTION SYSTEM REACTOR A
502646-104900051	SELECTIVE CATALYTIC REDUCTION SYSTEM REACTOR B
502646-104900065	SONIC HORN SYSTEM

### RILEY POWER INC. DRAWINGS SELECTIVE CATALYTIC REDUCTION SYSTEM

DRAWING NUMBER	TITLE
502646-104900002	LEGEND
502646-104900037	AMMONIA INJECTION SYSTEM A
502646-104900038	AMMONIA INJECTION SYSTEM B
502646-104900039	DILUTION AIR SUPPLY SYSTEM
502646-104900050	SELECTIVE CATALYTIC REDUCTION SYSTEM REACTOR A
502646-104900051	SELECTIVE CATALYTIC REDUCTION SYSTEM REACTOR B
502646-104900065	SONIC HORN SYSTEM

PROJECT NO. 168908

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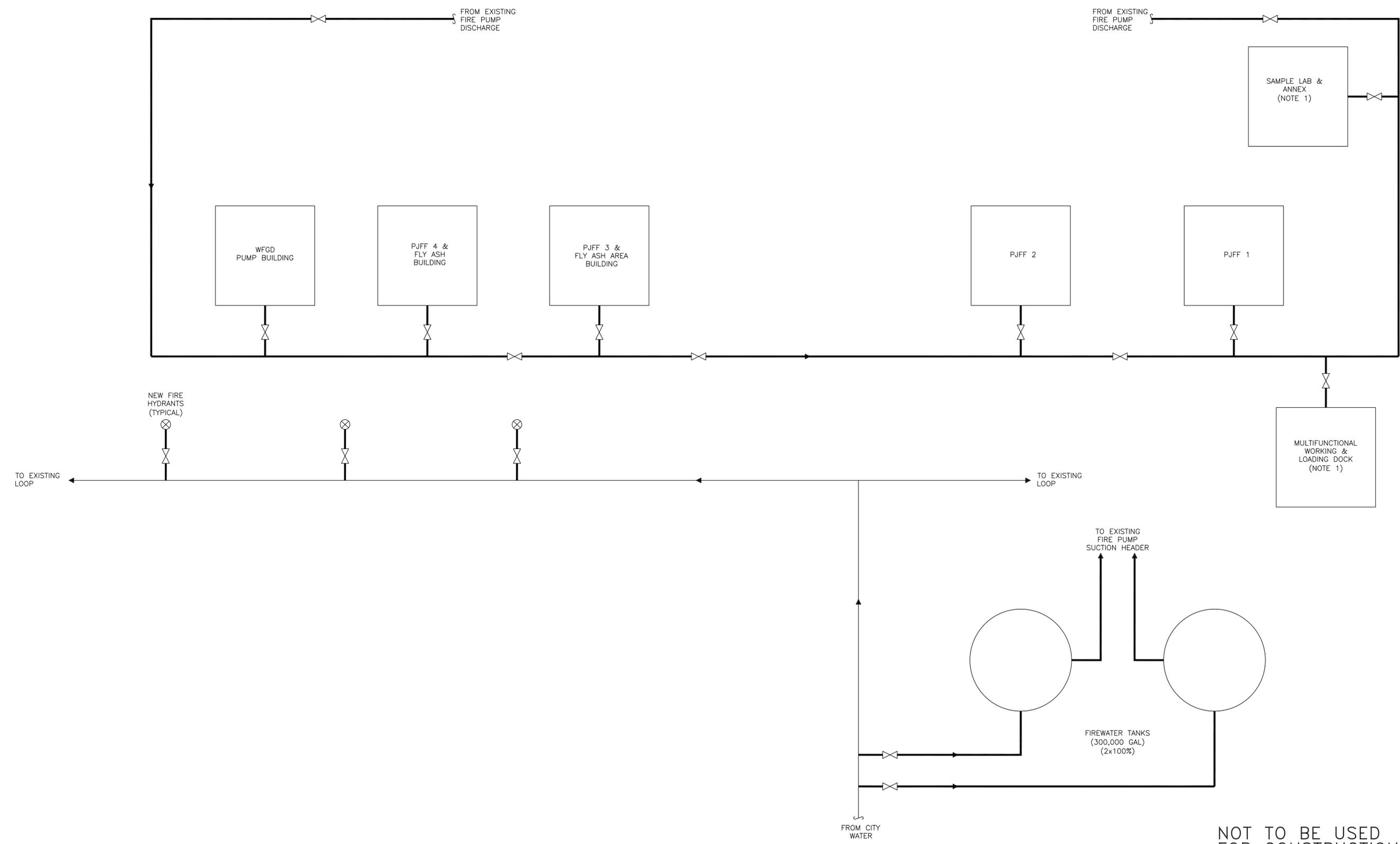
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
B	27/JAN/11	ISSUED FOR CLIENT REVIEW	PRP	NCM	MRW		
A	14/JAN/11	ISSUED FOR IN HOUSE REVIEW	HWB	NCM	MRW		

<b>BLACK &amp; VEATCH</b> CORPORATION	DRAWN	HWB	DATE	PROJECT <b>LG&amp;E/KU - MILL CREEK STATION PHASE II: AIR QUALITY CONTROL STUDY</b>	DRAWING NUMBER <b>168908-MCUUU-M2000</b>	REV <b>B</b>
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1 2 3 4 5 6 7 8 9 10

NOTES:  
1. BUILDINGS INCLUDED IN ARRANGEMENT B ONLY.



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A	14/JAN/11	ISSUED FOR IN HOUSE REVIEW	PRP	SAT	MRW		

**BLACK & VEATCH CORPORATION**

DRAWN: PRP  
DATE:

**LG&E/KU - MILL CREEK STATION**  
**PHASE II: AIR QUALITY CONTROL STUDY**

PROCESS FLOW DIAGRAM  
SITE FIRE PROTECTION

PROJECT	DRAWING NUMBER	REV
168908-MCSTG-M2547		B
CODE		
AREA		