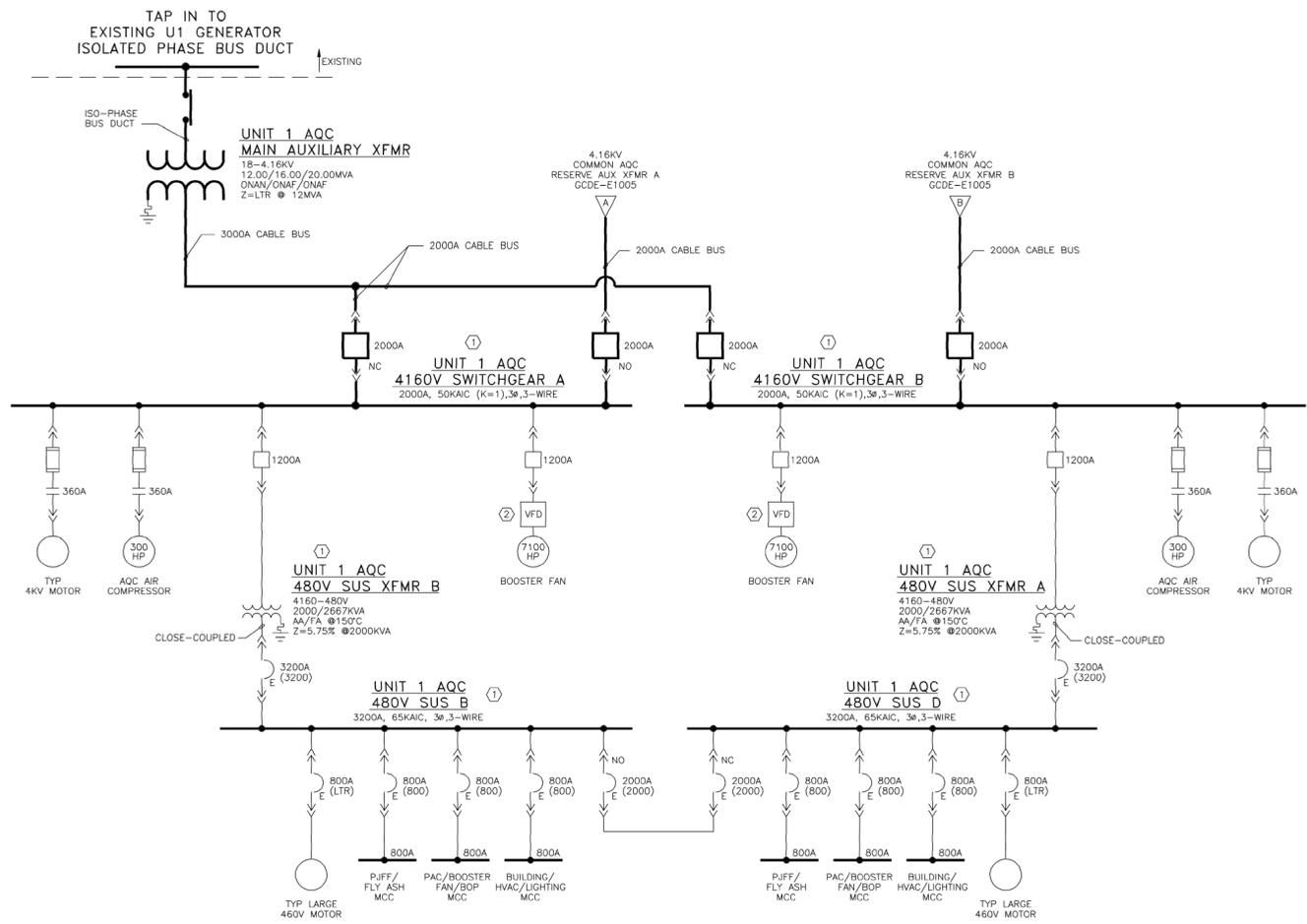


- NOTES:**
1. ALL EQUIPMENT RATINGS/QUANTITIES ARE PRELIMINARY AND SHALL BE DETERMINED DURING DETAILED DESIGN.
  2. THE NUMBER, SIZE AND NAMES OF INDIVIDUAL LOADS CONNECTED TO SWITCHGEAR AND MOTOR CONTROL CENTERS (MCCs) INCLUDING REQUIREMENTS FOR SPARES WILL BE DETERMINED DURING DETAILED DESIGN.
  3. ALL CONDUCTORS ARE CABLE UNLESS NOTED OTHERWISE.
  4. AN ETAP SHORT CIRCUIT AND LOAD FLOW STUDY WILL BE REQUIRED DURING DETAILED DESIGN.
- LEGEND:**
- (1) LOCATED IN AQCS ELECTRICAL BUILDING
  - (2) LOCATED IN PDC IN PROXIMITY TO THE BOOSTER FANS
  - ◻ REMOVABLE LINK



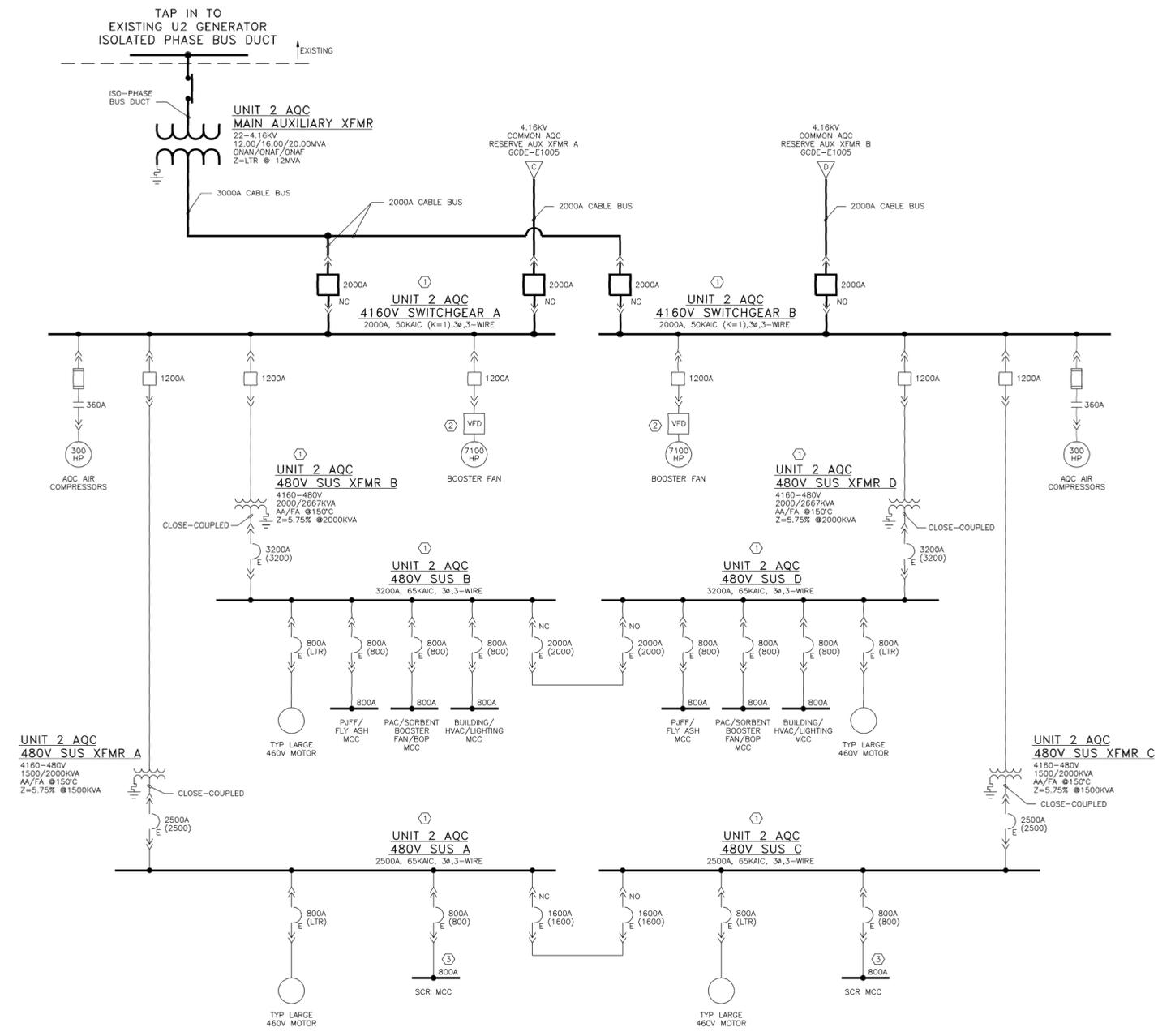
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BLA31605 E1 ACAD 16:1s (LMS Tech) 03/15/11 11:17:06

B	03/22/2011	ISSUED FOR CLIENT REVIEW	JEB/JDC
A	02/18/2011	ISSUED FOR IN-HOUSE REVIEW	JEB/JDC
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP

<b>BLACK &amp; VEATCH CORPORATION</b>		LG&E/KU - GHENT STATION PHASE II: AIR QUALITY CONTROL STUDY		PROJECT	DRAWING NUMBER	REV
ENGINEER	JDC	DRAWN	JEB	168908-G1DE-E1001	B	
CHECKED	DATE	ONE-LINE DIAGRAM CONCEPTUAL OVERALL - UNIT 1 AQCS		CODE	AREA	

- NOTES:**
1. ALL EQUIPMENT RATINGS/QUANTITIES ARE PRELIMINARY AND SHALL BE DETERMINED DURING DETAILED DESIGN.
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  3. ALL CONDUCTORS ARE CABLE UNLESS NOTED OTHERWISE.
  4. AN ETAP SHORT CIRCUIT AND LOAD FLOW STUDY WILL BE REQUIRED DURING DETAIL DESIGN.
- LEGEND:**
- ① LOCATED IN AQCS ELECTRICAL BUILDING
  - ② LOCATED IN PDC IN PROXIMITY TO THE BOOSTER FANS
  - ③ LOCATED IN SCR ELECTRICAL ENCLOSURE
- ◻ REMOVABLE LINK



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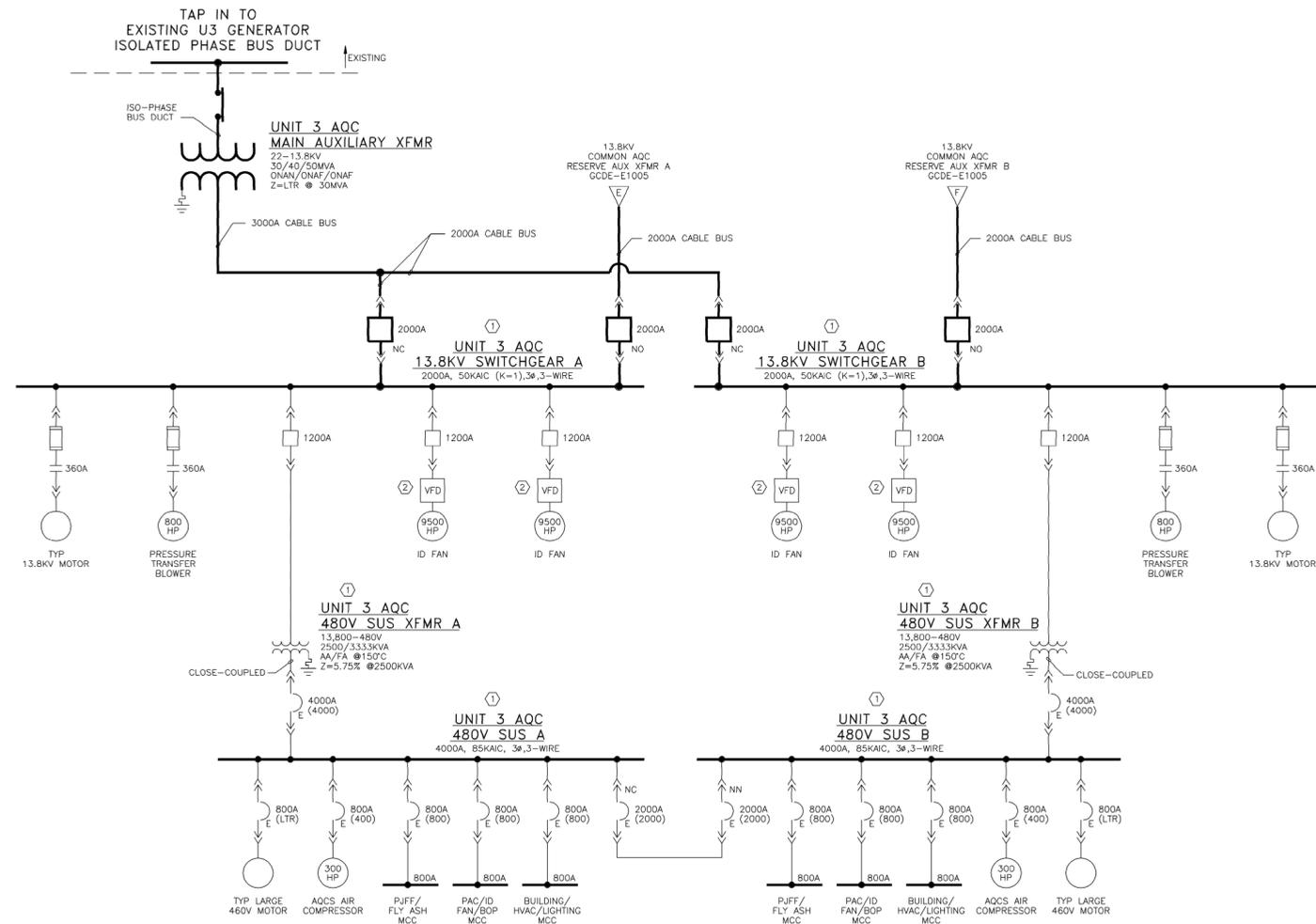
BLAS1605 E1 ACAD 16:1s (LMS Tech) 03/15/11 11:32:25

B	03/22/2011	ISSUED FOR CLIENT REVIEW	JEB/JDC
A	02/18/2011	ISSUED FOR IN-HOUSE REVIEW	JEB/JDC
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP

<b>BLACK &amp; VEATCH CORPORATION</b>	
ENGINEER JDC	DRAWN JEB
CHECKED	DATE

LG&E/KU - GHENT STATION PHASE II: AIR QUALITY CONTROL STUDY		PROJECT 168908-G2DE-E1002	DRAWING NUMBER B
ONE-LINE DIAGRAM CONCEPTUAL OVERALL - UNIT 2 AQCS		CODE	AREA

- NOTES:**
1. ALL EQUIPMENT RATINGS/QUANTITIES ARE PRELIMINARY AND SHALL BE DETERMINED DURING DETAILED DESIGN.
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  3. ALL CONDUCTORS CABLE UNLESS NOTED OTHERWISE.
  4. AN ETAP SHORT CIRCUIT AND LOAD FLOW STUDY WILL BE REQUIRED DURING DETAIL DESIGN.
- LEGEND:**
- ① LOCATED IN AOCs ELECTRICAL BUILDING.
  - ② LOCATED IN PDC IN PROXIMITY TO ID FANS.
- ◻ REMOVABLE LINK



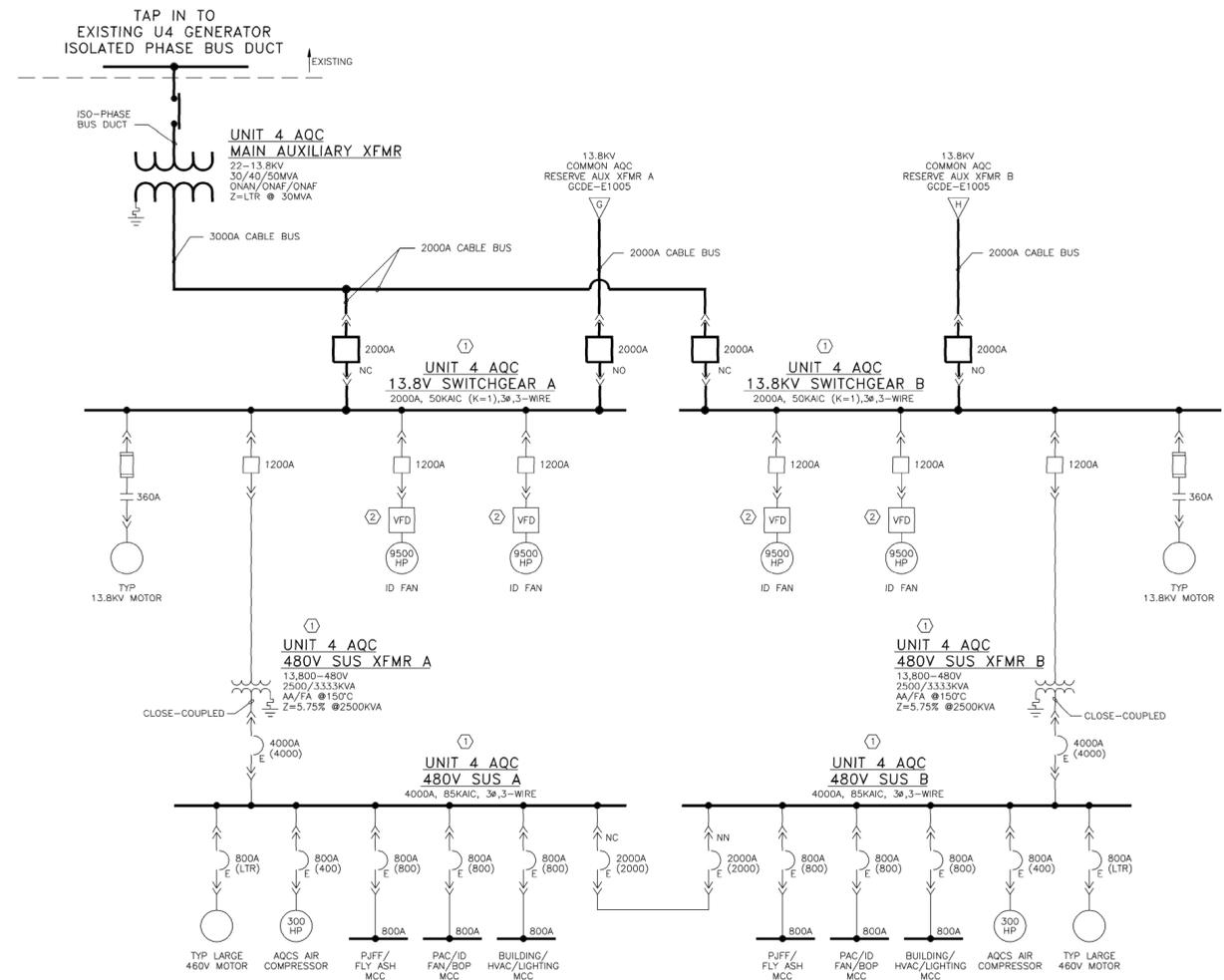
BLACK & VEATCH  
 03/18/11 DB:14:51  
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP
B	03/22/2011	ISSUED FOR CLIENT REVIEW	JEB/JDC
A	02/18/2011	ISSUED FOR IN-HOUSE REVIEW	JEB/JDC

<b>BLACK &amp; VEATCH CORPORATION</b>		LG&E/KU - GHENT STATION PHASE II: AIR QUALITY CONTROL STUDY		PROJECT 168908-G3DE-E1003	DRAWING NUMBER B
ENGINEER JDC	DRAWN JEB	CHECKED	DATE	CODE	AREA
ONE-LINE DIAGRAM CONCEPTUAL OVERALL - UNIT 3 AOCs					

- NOTES:
1. ALL EQUIPMENT RATINGS/QUANTITIES ARE PRELIMINARY AND SHALL BE DETERMINED DURING DETAILED DESIGN.
  2. THE NUMBER, SIZE AND NAMES OF INDIVIDUAL LOADS CONNECTED TO SWITCHGEAR AND MOTOR CONTROL CENTERS (MCCs) INCLUDING REQUIREMENTS FOR SPARES WILL BE DETERMINED DURING DETAILED DESIGN.
  3. ALL CONDUCTORS CABLE UNLESS NOTED OTHERWISE.
  4. AN ETAP SHORT CIRCUIT AND LOAD FLOW STUDY WILL BE REQUIRED DURING DETAIL DESIGN.
- LEGEND:
- ① LOCATED IN AOCs ELECTRICAL BUILDING.
  - ② LOCATED IN PDC IN PROXIMITY TO ID FANS.
- REMOVABLE LINK



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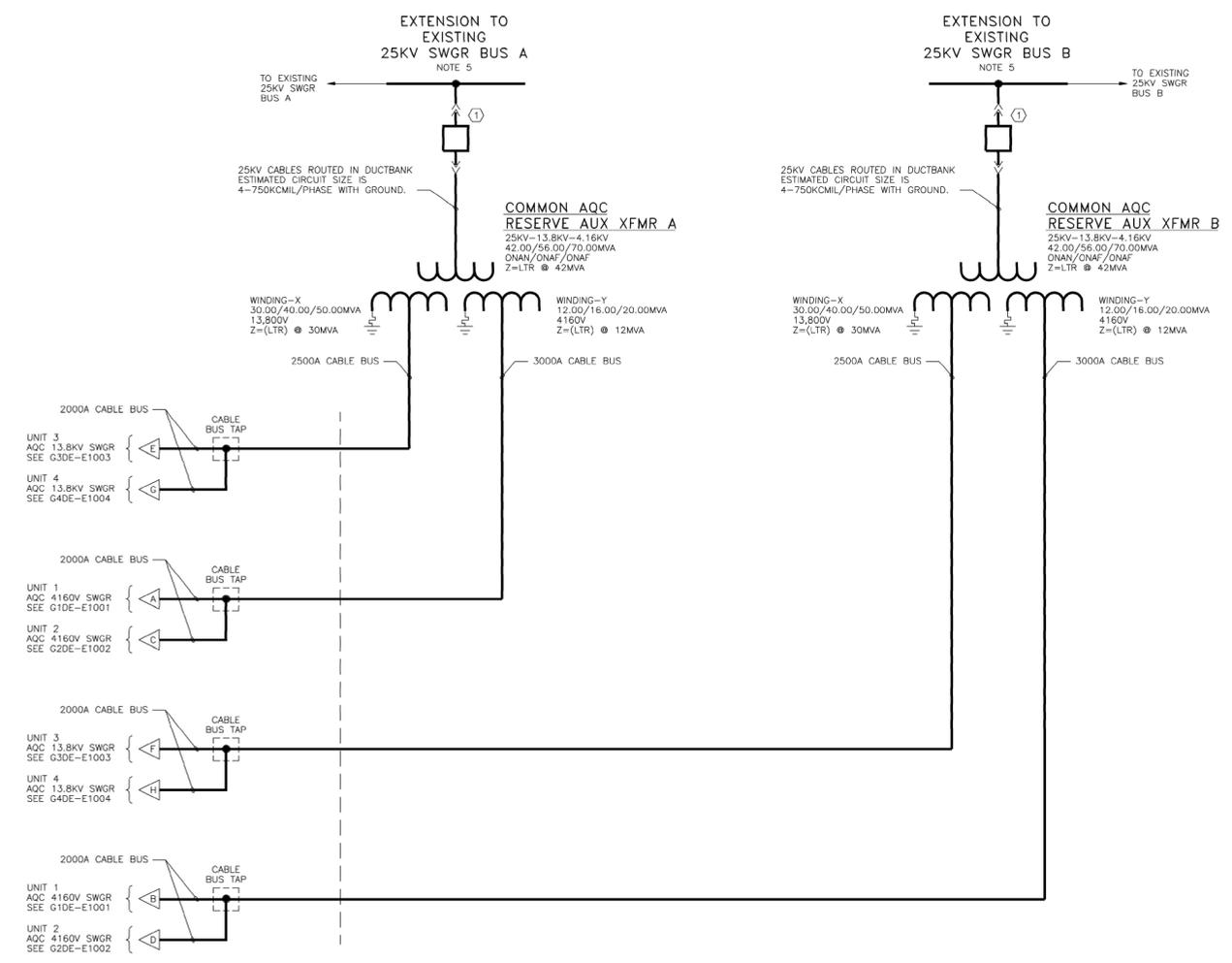
BLA31605 E1 ACAD 16:1s (LMS Tech) 03/15/11 14:02:03

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP
B	03/22/2011	ISSUED FOR CLIENT REVIEW	JEB/JDC
A	02/18/2011	ISSUED FOR IN-HOUSE REVIEW	JEB/JDC

<b>BLACK &amp; VEATCH CORPORATION</b>	
ENGINEER	JDC
CHECKED	DATE

PROJECT		DRAWING NUMBER		REV
LG&E/KU - GHENT STATION PHASE II: AIR QUALITY CONTROL STUDY		168908-G4DE-E1004		B
ONE-LINE DIAGRAM		CODE		
CONCEPTUAL OVERALL - UNIT 4 AOCs		AREA		

- NOTES:**
1. ALL EQUIPMENT RATINGS/QUANTITIES ARE PRELIMINARY AND SHALL BE DETERMINED DURING DETAILED DESIGN.
  2. THE NUMBER, SIZE AND NAMES OF INDIVIDUAL LOADS CONNECTED TO SWITCHGEAR AND MOTOR CONTROL CENTERS (MCCs) INCLUDING REQUIREMENTS FOR SPARES WILL BE DETERMINED DURING DETAILED DESIGN.
  3. ALL CONDUCTORS ARE CABLE UNLESS NOTED OTHERWISE.
  4. AN ETAP SHORT CIRCUIT AND FLOW STUDY WILL BE REQUIRED DURING DETAILED DESIGN.
  5. EXISTING LOAD WILL NEED TO BE DETERMINED AND A STUDY DONE TO CONFIRM THE CURRENT CARRYING CAPACITY AND THE SHORT CIRCUIT CAPACITY OF THE 25KV BUS IS NOT EXCEEDED.
- LEGEND:**
- (1) LOCATED IN EXISTING 25KV SWITCHGEAR BUILDING. BUILDING LOCATED IN SUBSTATION.



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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP
B	03/22/2011	ISSUED FOR CLIENT REVIEW	JEB/JDC
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<b>BLACK &amp; VEATCH CORPORATION</b>		LG&E/KU - GHENT STATION PHASE II: AIR QUALITY CONTROL STUDY		PROJECT	DRAWING NUMBER	REV
ENGINEER	JDC	DRAWN	JEB	168908-GCDE-E1005	B	
CHECKED		DATE		ONE-LINE DIAGRAM	CONCEPTUAL OVERALL - AQCS RESERVE	