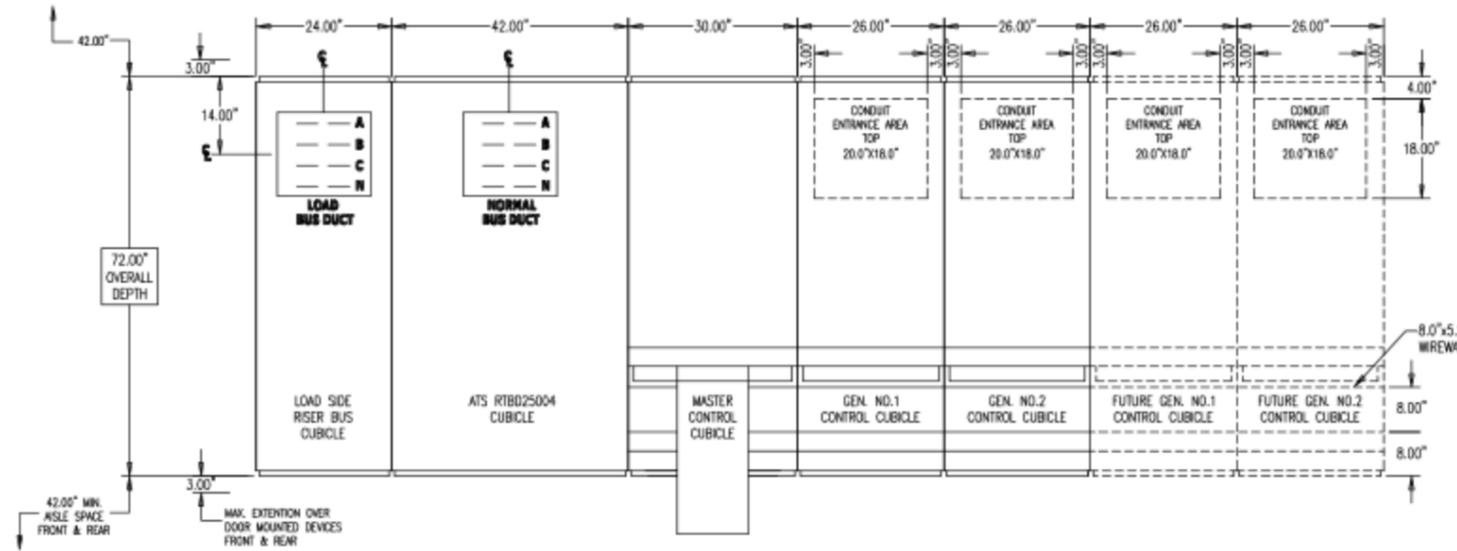
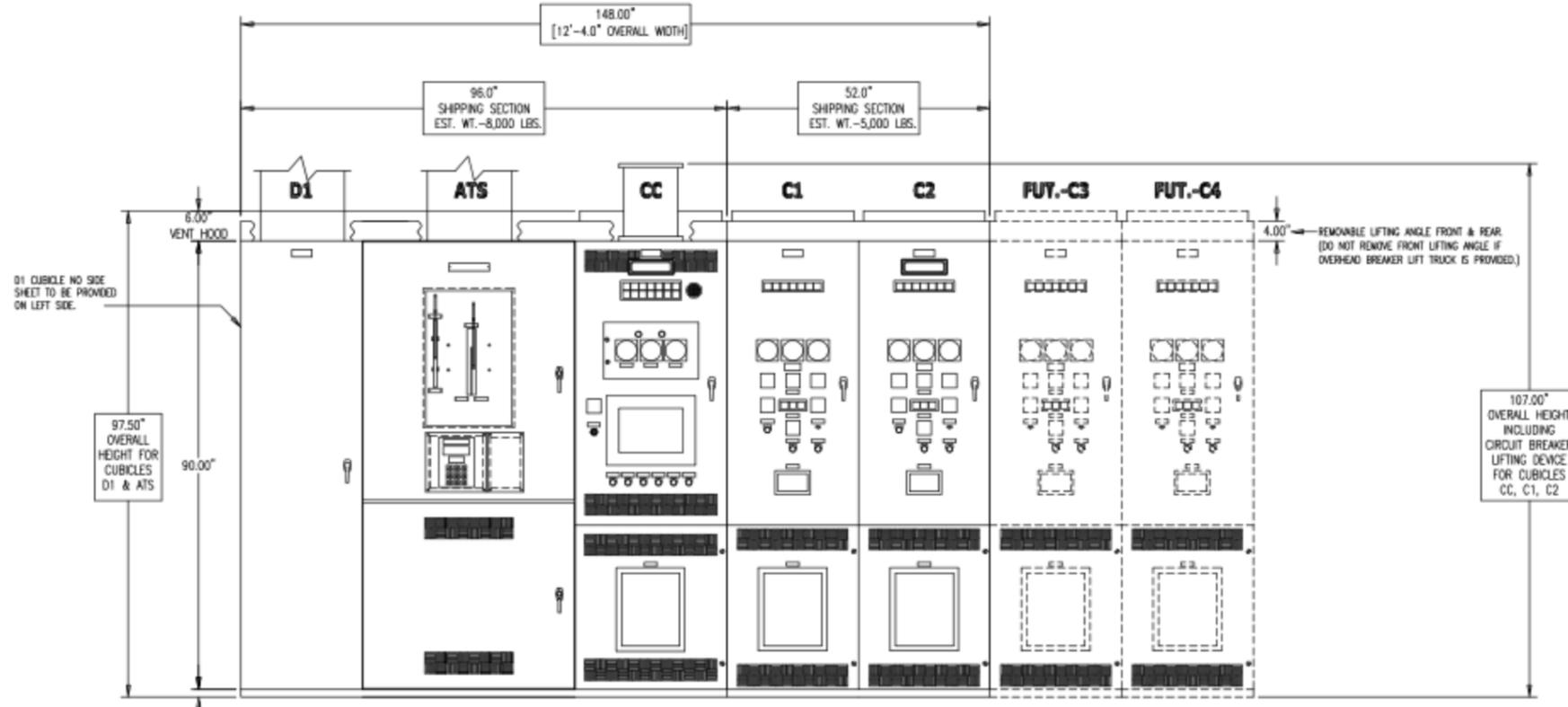
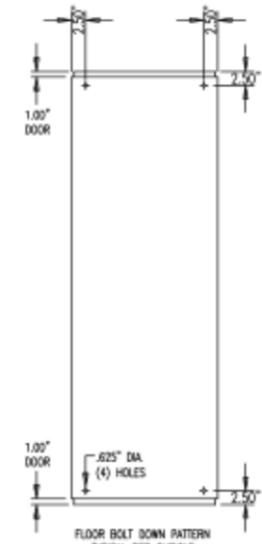


NOTES:

- ENCLOSURES TO BE FABRICATED FROM FORMED CHANNEL FRAMEWORK AND CODE GAUGE SHEET STEEL. ALL STEEL PARTS SHALL BE PREPARED FOR PAINTING BY A FIVE STEP CLEANING, PHOSPHATIZING AND SEALING PROCESS. THE PARTS SHALL THEN BE PAINTED ANSI NO. 61 GRAY, UTILIZING POLYESTER POWDER COATING APPLIED BY THE ELECTROSTATIC METHOD AND CURED IN A BAKING OVEN. THIS FINISH IS SUITABLE FOR OUTDOOR, AS WELL AS INDOOR APPLICATIONS.
- ALL LUGS TO BE MECHANICAL TYPE SUITABLE FOR CU/AL CABLE.
- SYSTEM VOLTAGE: 277/480V, 3ø, 4W, 60HZ.
- ALL BUS TO BE SILVER PLATED COPPER WITH CARRYING CAPACITY BASED ON NEMA AND U/L STANDARDS.
- THE CALIBRATION AND SETTINGS OF ALL PROTECTIVE DEVICES MUST BE DETERMINED BY A SHORT CIRCUIT AND COORDINATION STUDY PROVIDED BY OTHERS.
- CABLES MUST BE LASHED PER TABLE 1 ON ONE LINE DIAGRAM. LASHING IS NOT THE RESPONSIBILITY OF RUSSELECTRIC.
- NO WIREWAY OR VENT HOOD OR BREAKER LIFT TRACK OVER D1 RISER CUBICLE OR ATS CUBICLE.
- EATON 2500A COPPER BUS DUCT CONNECTION PROVIDED FOR D1 LOAD CONNECTION & ATS NORMAL CONNECTION.



-PLAN VIEW-



-FRONT VIEW-

CUBICLE NUMBER	TYPE LABEL	MAIN SECT AMPERES	VOLTAGE	SYSTEM	HZ	SHORT CIRCUIT RATING SYMMETRICAL AMPERES	
D1	UL891	3200	2500	277/480	3ø, 4W	60	100,000
ATS	UL891	3200	2500	277/480	3ø, 4W	60	100,000
C1,C2	UL1558	3200	2000	277/480	3ø, 4W	60	100,000
CC	UL1558	3200	3200	277/480	3ø, 4W	60	100,000

SWITCHGEAR SHALL BEAR THE APPROPRIATE U/L LABEL AS LISTED IN THE TABLE ABOVE.

THE SHORT CIRCUIT RATING IS LIMITED TO THE LOWEST SHORT-CIRCUIT RATING OF ANY SWITCHBOARD SECTION CONNECTED IN SERIES, ANY INSTALLED CIRCUIT BREAKER OR FUSED SWITCH. ADDITIONAL OR REPLACEMENT DEVICES SHALL BE OF THE SAME MANUFACTURER, TYPE DESIGNATION, AND EQUAL OR GREATER SHORT-CIRCUIT RATING OF THE REPLACED DEVICE OR SWITCHBOARD.

CUSTOMER: MILTON CAT  
NO.:

REVISION 2	REVISION 1	REFERENCE DOCUMENTS	
NO.	TITLE	NO.	TITLE
05/30/11 RT	DED 07/23/10	35462-S-GPS	SCHEMATIC DIAGRAMS
START-UP ALL SHEETS	AS BUILT ALL SHEETS	35462-W-GPS	WIRING DIAGRAMS
		35462-I	INTERCONNECTS

INSTALLATION  
**LITTLE ST. JAMES  
UNITED STATES VIRGIN ISLANDS**

ITEM #1	
DFTP.	JPD 04/12/10
CHKD.	RT 05/30/11
APPD.	

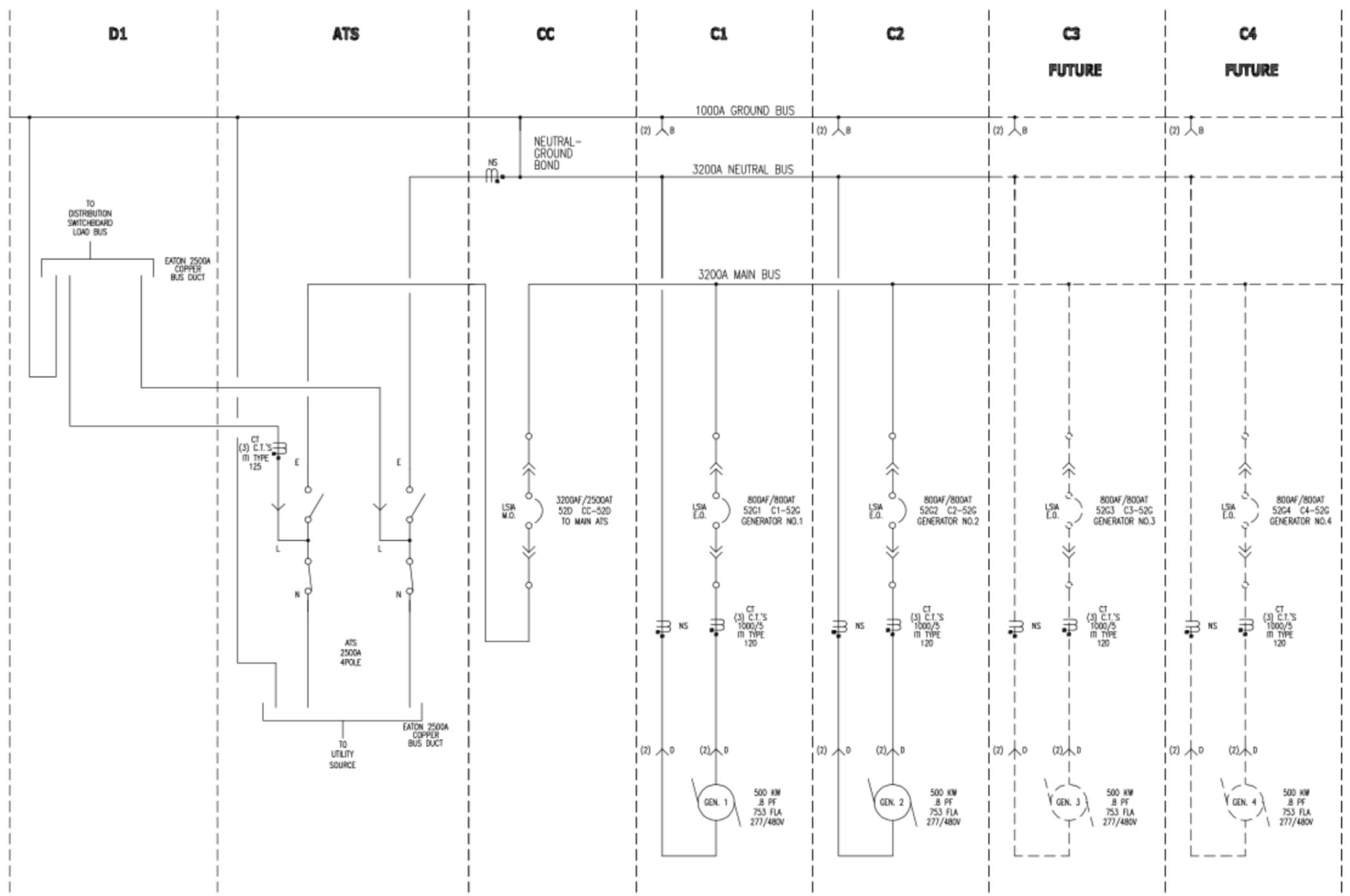
TITLE  
**PHYSICAL DETAILS  
FRONT AND PLAN VIEWS  
AND CONSTRUCTION NOTES**

**Russelectric Inc.**  
SOUTH SHORE PARK, KINGHAM, MA 02043

DWG. NO. **35462-P-GPS**

SHEET NO. **1** CONT ON **2**

REV. **2**



TYPICAL BREAKER NAMEPLATE  
 FRAME/TRIP  
 ○ BKR NAME - BKR ID ○  
 SOURCE OR LOAD

CH MAGNUM DS BREAKERS  
 RATED 65 KAIC @ 480VAC

MECH. LUG SCHEDULE

TYPE	SIZE
A	#14-1/0
B	#6-250 KCMIL
C	#6-350 KCMIL
D	#4-600 KCMIL
E	3/0-800 KCMIL CU 250-800 KCMIL AL

TABLE 1  
 CONDUCTOR RESTRAIN REQUIREMENTS

	100Ka	200Ka
SUPPLY CABLES	100Ka	200Ka
UP TO 2000A	NO	YES
3200A	NO	YES
4000A	NO	YES
5000A	NO	YES
LOAD CABLES	100Ka	200Ka
UP TO 800A	YES	YES
1600A	YES	YES
2000A	NO	YES
3200A	NO	YES
4000A	NO	YES
5000A	NO	YES

**NOTE: THE CALIBRATION AND SETTINGS OF ALL PROTECTIVE DEVICES MUST BE DETERMINED BY A SHORT CIRCUIT AND COORDINATION STUDY PROVIDED BY OTHERS.**

<b>INSTALLATION</b> LITTLE ST. JAMES UNITED STATES VIRGIN ISLANDS		DFTP. <b>JPD 04/09/10</b> CHKD. <b>RT 05/30/11</b> APPD.		<b>TITLE</b> ONE LINE DIAGRAM		<b>Ruselectric Inc.</b> SOUTH SHORE PARK, KINGHAM, MA 02043	
				DWG. NO. <b>35462-P-GPS</b>		<b>2</b>	
				SHEET NO. <b>2</b>		CONT ON <b>3</b>	
						REV.	