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GENERAL NOTES

1. THIS DRAWING SHOWS SYSTEM CHANGES NECESSARY TO SUPPORT THE 12 FOOT LENGTHENING OF THIS VESSEL. THIS DRAWING IS A SUPPLEMENT TO THE REFERENCE 4 SYSTEM DRAWING. SEE REFERENCE 2 FOR GENERAL NOTES, AND DRAWING REFERENCES.

REFERENCES

- 1. ALASKA REGION RESEARCH VESSEL (ARRV) CHANGES TO THE CONTRACT SPECIFICATION FOR OPTIONAL LENGTHENING
- 2. GLOSTEN DWG. NO. 07096-320-01, REV A, ELECTRICAL POWER SYSTEM ONE-LINE DIAGRAM

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

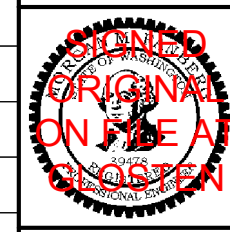
ALL CHANGES FROM THE UNLENGTHENED VERSION (REF 2) ARE SHOWN IN BOLD LINE WEIGHT

SYMBOL

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER MOLDDED CASE, PLUG IN x = FRAME SIZE y = TRIP SETTING z = NUMBER OF POLES
	MOTOR X = HP
	TRANSFORMER (SIZE AND CONFIGURATION NOTED ON DRAWING)
	CUT-OUT (SAFETY) SWITCH
	INPUT/OUTPUT MODULE (PROVIDES INTERFACE TO IMAC SYSTEM)
	CONTROL PANEL (FURNISHED W/ EQUIPMENT UNLESS NOTED)
	GROUND

SHEET INDEX

- 1. TABLE OF CONTENTS, REFERENCES, GENERAL NOTES, SYMBOL LIST, DRAWING REVISIONS
- 2. 480V MACHINERY SPACE POWER PANEL NO. 2
120V/280V CLEAN POWER MACHINERY SPACE LIGHTING PANEL
120V MOV POWER PANEL NO. 2
208Y/120V ENGINEERS WORKSHOP POWER PANEL
- 3. SHIP SERVICE VENTILATION (MAIN DECK AND BELOW) MOTOR CONTROL CENTER



UNIVERSITY OF ALASKA FAIRBANKS
FAIRBANKS, ALASKA

ALASKA REGION RESEARCH VESSEL
CHANGES TO SUPPORT LENGTHENING OPTION
ELECTRICAL POWER SYSTEM ONE-LINE DIAGRAM

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Drawn by	Date	Checked by	Date	Approved by	Date
JWH	8/12/09	MMF	8/12/09	DHK	8/12/09
Scale	Drawing Number		Rev		
NO SCALE	07096-320-01A Sheet 1 of 3		-		

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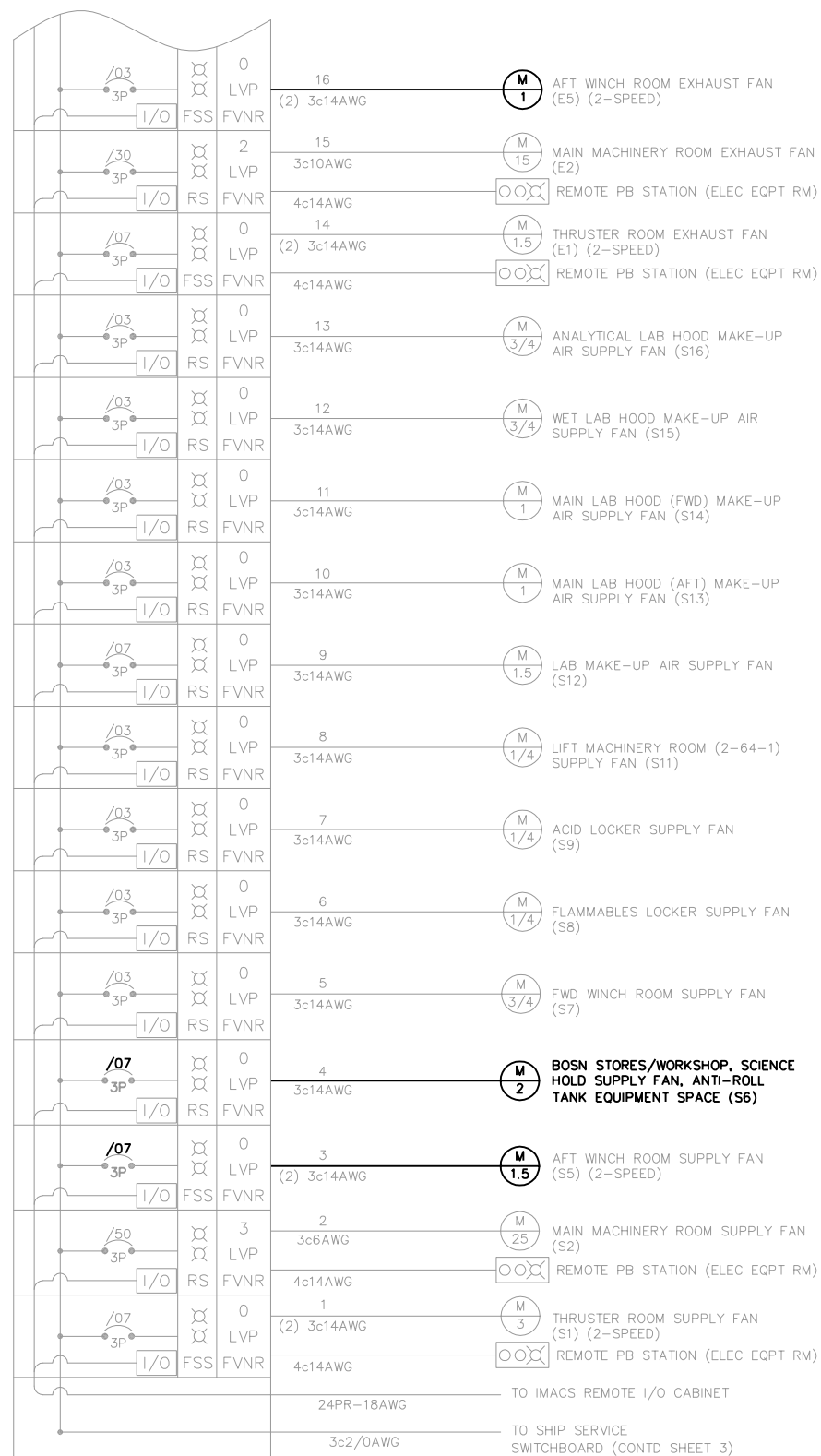
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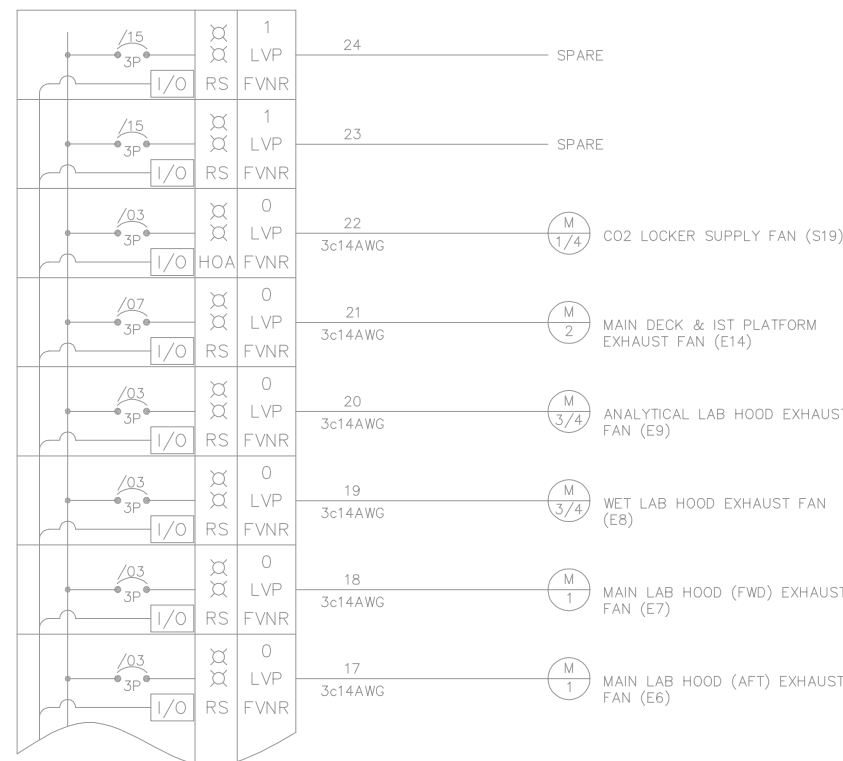
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CONTD ZONE 21-A



SHIP SERVICE VENTILATION (MAIN DECK & BELOW)
MOTOR CONTROL CENTER
UPPER MACHINERY ROOM (2-49-2)
(SEE GENERAL NOTE 13)



CONTD FROM ZONE 23-D

		UNIVERSITY OF ALASKA FAIRBANKS FAIRBANKS, ALASKA	
		ALASKA REGION RESEARCH VESSEL CHANGES TO SUPPORT LENGTHENING OPTION ELECTRICAL POWER SYSTEM ONE-LINE DIAGRAM	
		<small>1201 Western Avenue, Suite 200 Seattle, Washington 98101-2921 TEL: 206-624-7890 FAX: 206-682-9117 WEB: www.glosten.com</small>	
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NO SCALE		07096-320-01A Sheet 3 of 3	