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LIST OF NAVIGATION LIGHTS	
LIGHT	QUANTITY
FWD MASTHEAD LIGHT (WHITE)	2
STERN LIGHT (WHITE)	2
AFT MASTHEAD LIGHT (WHITE)	2
ANCHOR LIGHT (WHITE)	2
NOT UNDER COMMAND (RED)	4
RUNNING LIGHT (RED)	2
RUNNING LIGHT (GREEN)	2
MORSE LIGHT (WHITE)	1

REVISION HISTORY					
REV	ZONE	DESCRIPTION	DWN	DATE	APVD

- GENERAL NOTES**
- VESSEL TO BE CONSTRUCTED IN ACCORDANCE WITH 46 CFR SUBCHAPTER H REGULATIONS.
 - ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH 46 CFR SUBCHAPTER H REGULATIONS AND IEEE-45 (2002).
 - POWER DISTRIBUTION CABLE SHALL MEET THE REQUIREMENTS OF IEEE-1580 (2001). CABLES SHALL USE 90 DEGREE C TYPE LSX OR LSE INSULATION AND TYPE L OR TPO JACKETING. UNLESS REQUIRED BY USCG, CABLE SHALL BE UNARMORED AND UNSHIELDED. CABLE TYPE DESIGNATIONS USE THE FOLLOWING ABBREVIATIONS.
 S- SINGLE CONDUCTOR
 D- TWO CONDUCTOR
 T- THREE CONDUCTOR
 F- FOUR CONDUCTOR
 CABLE MEETING THE SPECIFICATIONS OF MIL-C-24643 MAY BE SUBSTITUTED.
 - ALL AROUND WHITE MORSE LIGHT ON CENTER MAST SHALL BE CONFIGURED TO ACTIVATE WITH THE SHIP'S HORN.
 - ALL NAVIGATION LIGHTS SHALL BE LED TYPE WITH RANGE AND DEGREE OF VISIBILITY IN ACCORDANCE WITH 72 COLREGS AND REF 1.
 - THE NAVIGATION LIGHTING CONTROL PANEL SHALL BE CONFIGURED FOR AUTOMATIC TRANSFER BETWEEN "A" END FORWARD AND "B" END FORWARD OPERATION. A SIGNAL FROM THE PROPULSION CONTROL SYSTEM SHALL BE PROVIDED FOR THIS PURPOSE. SEE REF 1.
 - THE OWNER WILL PROCURE A CERTIFICATE OF ALTERNATE COMPLIANCE FOR THE NON-STANDARD NAVIGATION LIGHT ARRANGEMENT INDUCED BY VESSEL ASYMMETRY.
 - UNLESS NOTED OTHERWISE, NAVIGATION LIGHT LOCATIONS ARE MIRRORED ABOUT MIDSHIP.

REFERENCES

- 18026-200-832-1 TECHNICAL SPECIFICATION
- 18026-200-101-1 PROFILES AND DECK ARRANGEMENTS
- 18026-200-320-1 PROPULSION AND SHIPS SERVICE ELECTRICAL ONE LINE DIAGRAM

North Carolina Ferry System
 8500 SHIPWAD RD WAREHOUSES, NC 27683

Elliott Bay Design Group
 North Carolina, PLLC

CLIENT: NORTH CAROLINA D.O.T.
 RALEIGH, NORTH CAROLINA

PROJECT: DOUBLE-ENDED AZIMUTH DRIVE FERRY

TITLE		NAVIGATION LIGHTING ARRANGEMENT AND BLOCK DIAGRAM		
SIZE	DWG NO.	18026-200-422-1	REV	-
SCALE	NONE	FILE NAME	18026-200-422-1-	SHEET 1 OF 2
DWN	JEH	MOD		APVD DATE 8/2/18

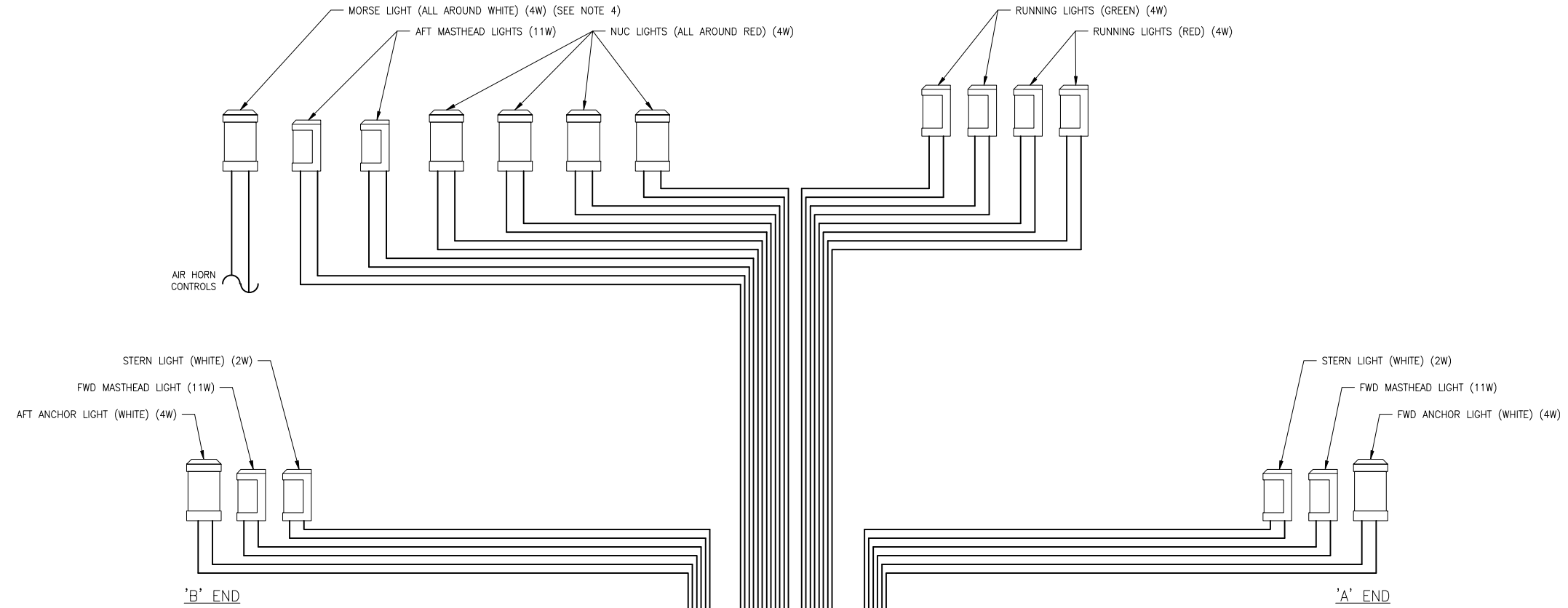


DIAGRAM 1-4A
 NAVIGATION LIGHTS BLOCK

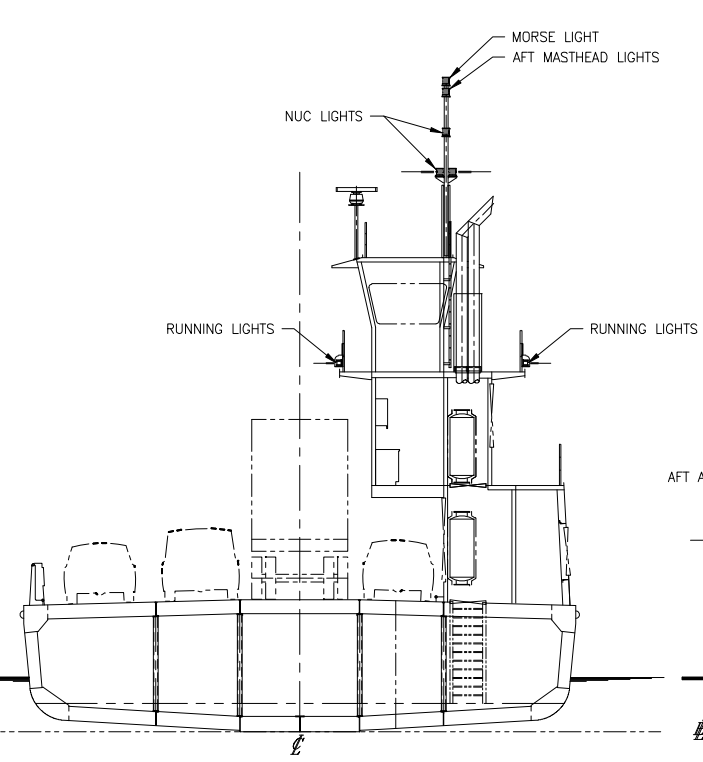
SYMBOLS LIST

	ALL AROUND LIGHT
	DIRECTIONAL LIGHT

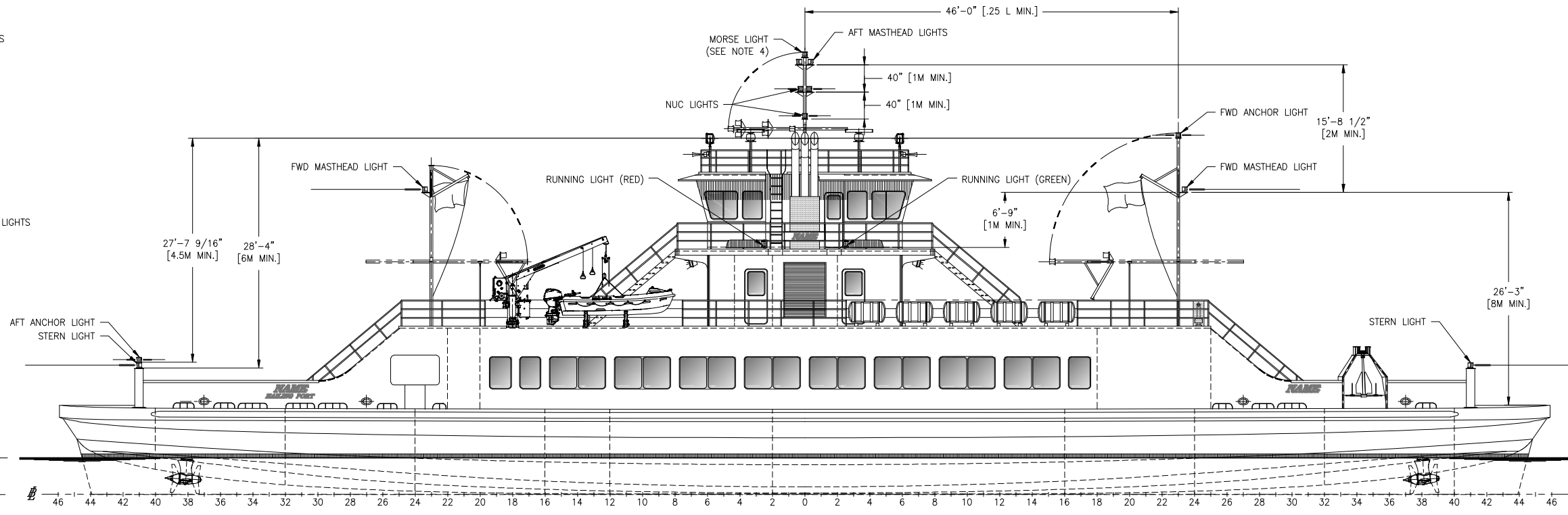


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ELEVATION 2-6B
 AFT ELEVATION



ELEVATION 2-3B
 OUTBOARD PROFILE



SIZE	D	DWG NO.	18026-200-422-1	REV	-
SCALE	1/8" = 1'-0"	FILE NAME	18026-200-422-1-	SHEET	2 OF 2

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