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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
A	2-3B	1. UPDATED PE STAMP FOR REV A. 2. RELOCATED MASTS TO FRAME 23.	DKG	08/31/17	KAJ

- 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.

- REFERENCES**
- 16101-200-832-1 TECHNICAL SPECIFICATION
 - 16101-200-101-0 PROFILES AND DECK ARRANGEMENTS
 - 16101-200-320-1 AC AND DC ELECTRICAL ONE LINE DIAGRAM



Elliott Bay Design Group
 North Carolina, PLLC

CLIENT: NORTH CAROLINA D.O.T.
 RALEIGH, NORTH CAROLINA
 PROJECT: NEW RIVER CLASS FERRY

NAVIGATION LIGHT AND BLOCK DIAGRAM

SIZE: D	DWG NO.: 16101-200-422-1	REV: A
SCALE: NONE	FILE NAME: 16101-200-422-1A	SHEET 1 OF 2
DWN: ZDL	MOD: NUB	CKD: TMH
APVD: KAJ	APVD DATE: 7/27/2017	

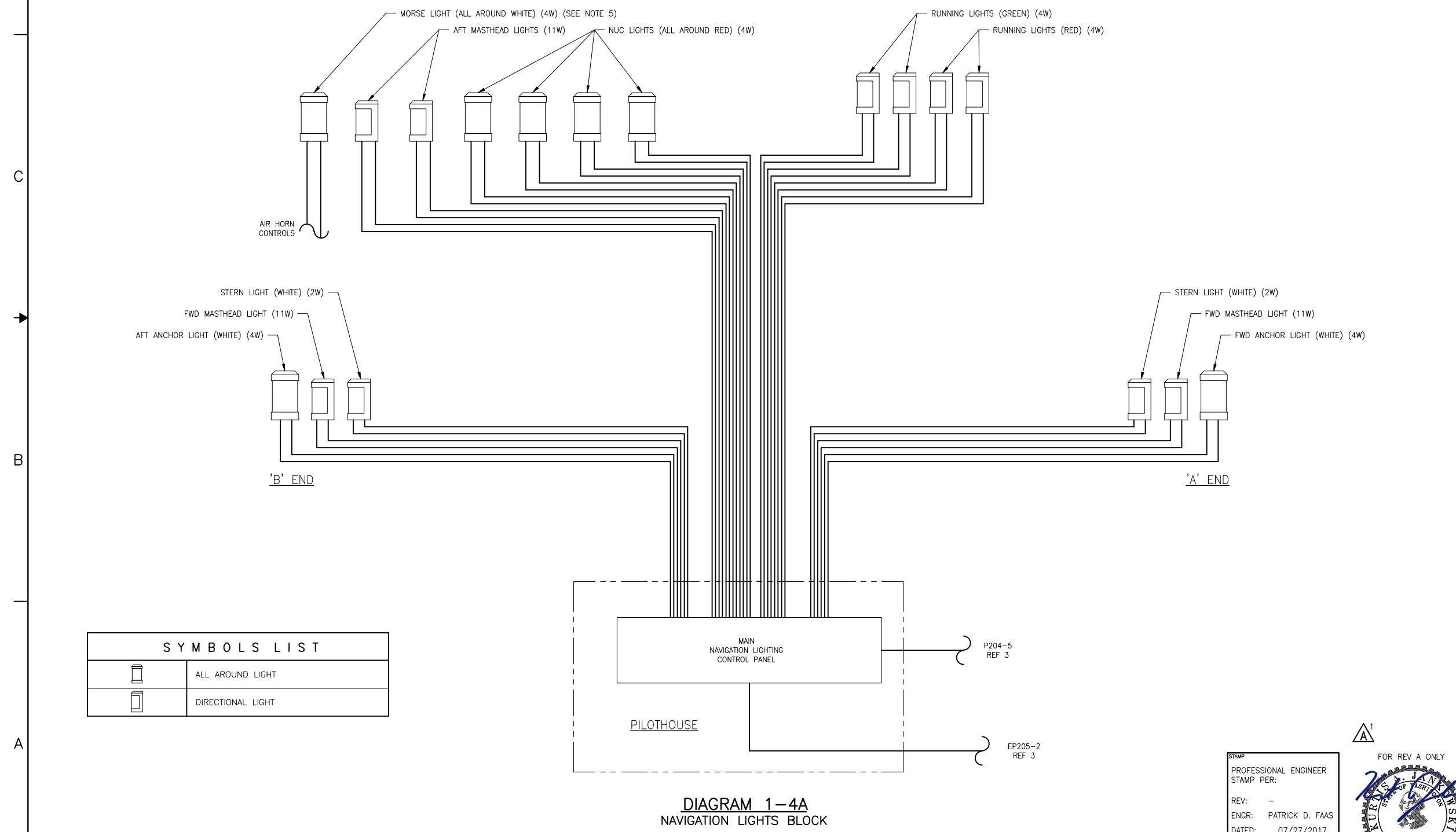
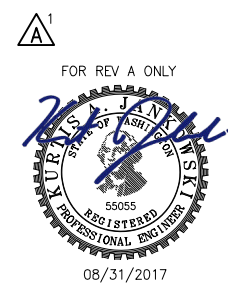


DIAGRAM 1-4A
 NAVIGATION LIGHTS BLOCK

SYMBOLS LIST	
	ALL AROUND LIGHT
	DIRECTIONAL LIGHT

STAMP
 PROFESSIONAL ENGINEER
 STAMP PER:
 REV: -
 ENGR: PATRICK D. FAAS
 DATED: 07/27/2017
 STATE: WA
 REG NO: 49313



6 | 5 | 4 | 3 | 2 | 1

6 | 5 | 4 | 3 | 2 | 1

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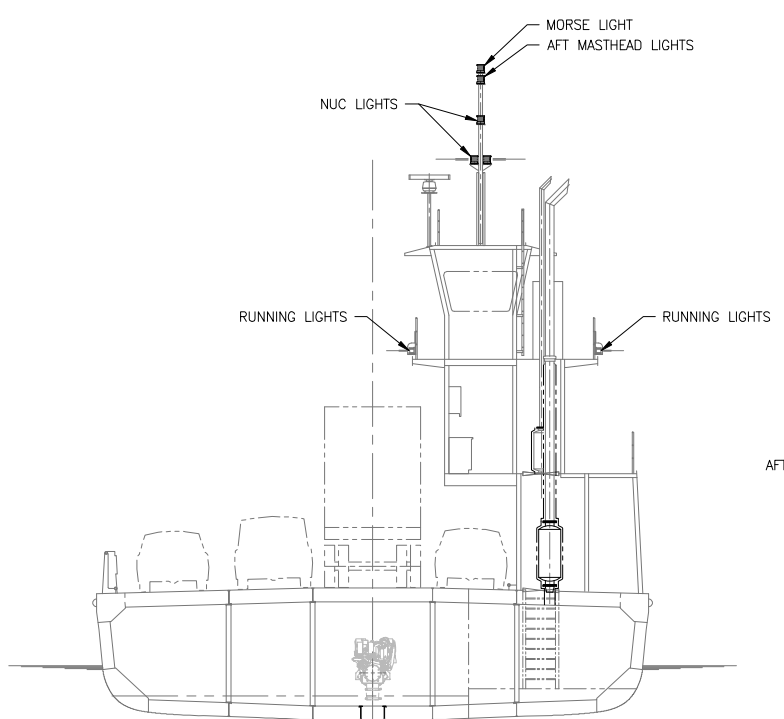
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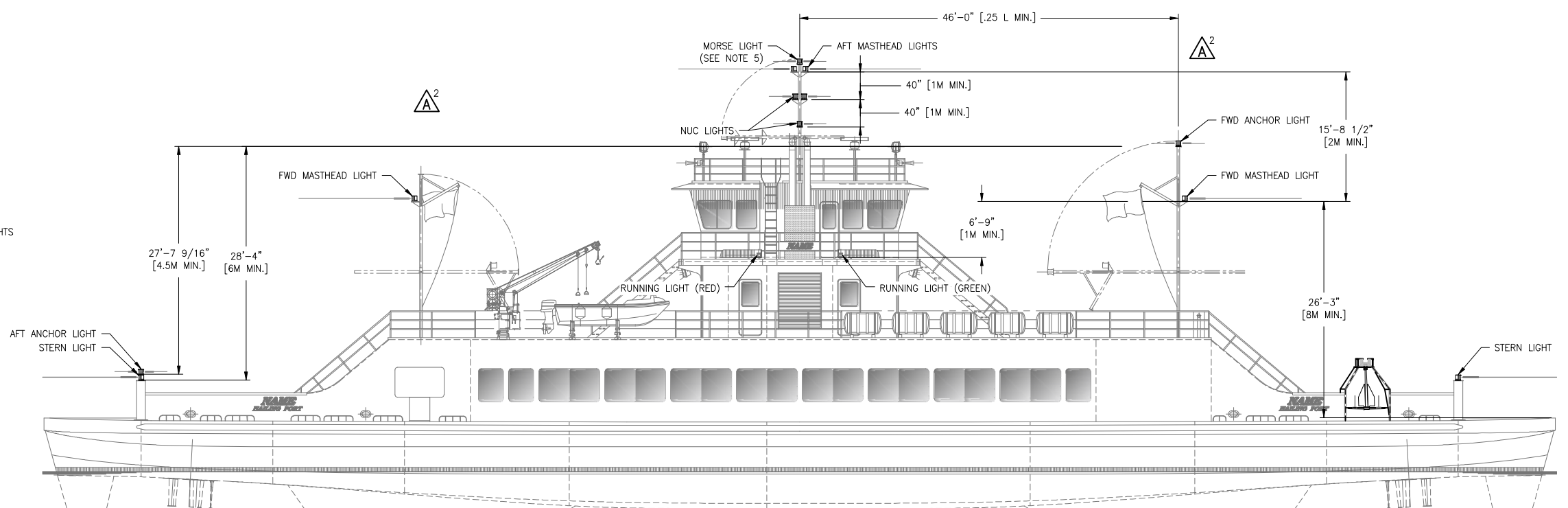
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A

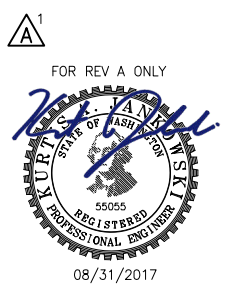


ELEVATION 2-6B
 AFT ELEVATION



ELEVATION 2-3B
 OUTBOARD PROFILE

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SIZE	D	OWG NO.	16101-200-422-1	REV	A
SCALE	NTS	FILE NAME	16101-200-422-1A	SHEET	2 OF 2

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