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REVISION HISTORY					
REV	ZONE	DESCRIPTION	DWN	DATE	APVD
A	ZONE 2-4D 4-4B	1. UPDATED PE STAMP FOR REV A. 2. REVERSED POSITION OF GENERATOR KEEL COOLERS ABOUT MIDSHIP.	DKG	08/31/17	KAJ

GENERAL NOTES

1. VESSEL TO BE CONSTRUCTED IN ACCORDANCE WITH 46 CFR SUBCHAPTER H REGULATIONS.
2. FRAME SPACING IS 24" UNLESS NOTED OTHERWISE.

REFERENCES

1. 16101-200-832-1 TECHNICAL SPECIFICATION
2. 16101-200-061-1 SCANTLING CALCULATIONS
3. 16101-200-100-1 LINES PLAN
4. 16101-200-101-1 PROFILES AND DECK ARRANGEMENTS
5. 16101-200-110-2 SKEGS
6. 16101-200-120-1 MIDSHIP SECTION
7. 16101-200-120-3 HULL TRANSVERSE BULKHEADS
8. 16101-200-120-4 HULL TRANSVERSE FRAMES
9. 16101-200-120-5 HULL LONGITUDINAL BULKHEADS AND GIRDERS
10. 16101-200-130-2 MAIN DECK
11. 16101-200-180-1 PROPULSION UNIT FOUNDATIONS

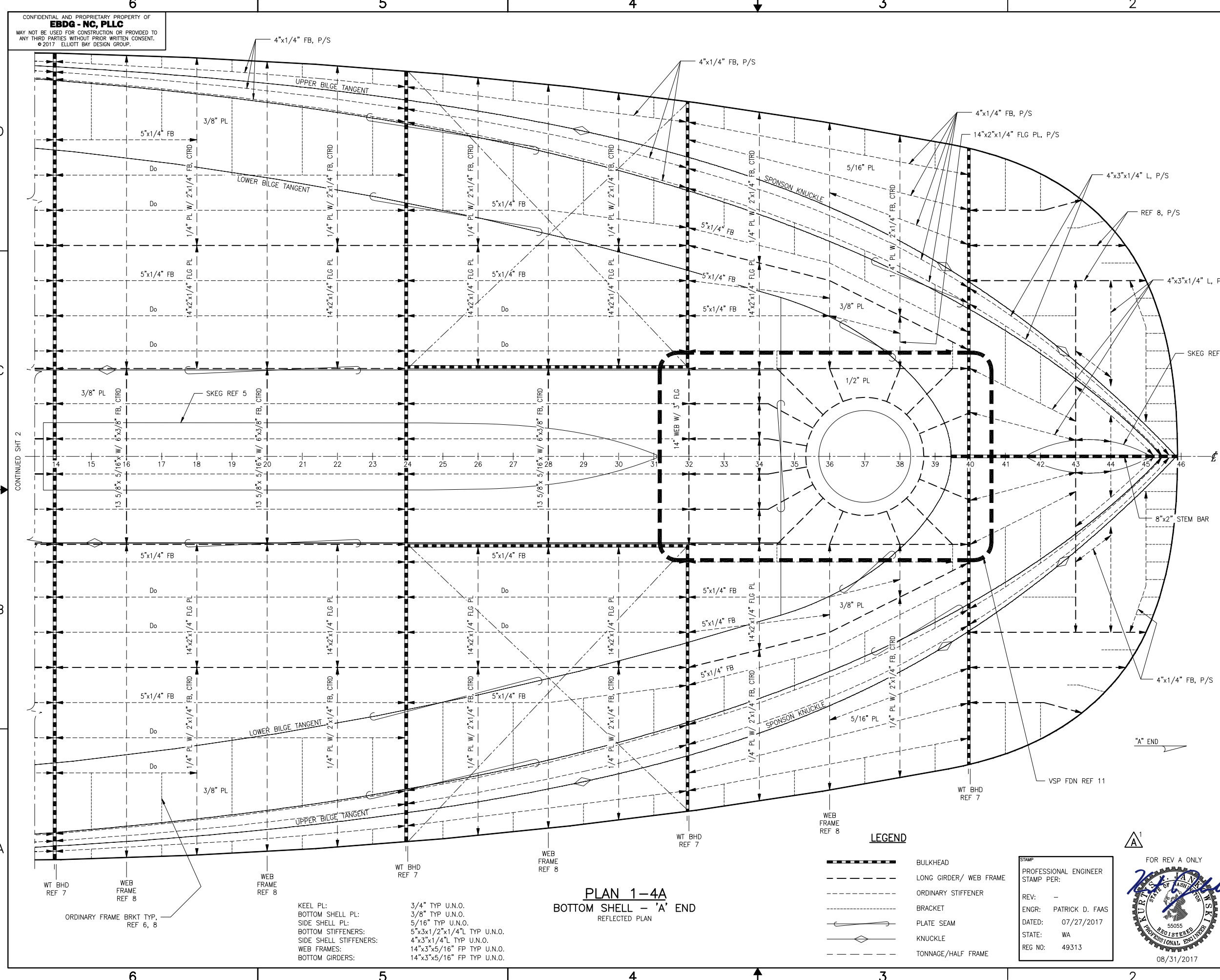


Elliott Bay Design Group
 North Carolina, PLLC

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

BOTTOM AND SIDE SHELL

SIZE	D	DWG NO.	16101-200-110-1	REV	A
SCALE	3/8" = 1'-0"	FILE NAME	16101-200-110-1A	SHEET	1 OF 4
DWN	ZDL	MOD	DKG	CKD	M-W
APVD	KAJ	APVD DATE	7/27/2017		



PLAN 1-4A
 BOTTOM SHELL - 'A' END
 REFLECTED PLAN

- LEGEND**
- BULKHEAD
 - LONG GIRDER/ WEB FRAME
 - ORDINARY STIFFENER
 - BRACKET
 - PLATE SEAM
 - KNUCKLE
 - TONNAGE/HALF FRAME

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



- KEEL PL:
 BOTTOM SHELL PL:
 SIDE SHELL PL:
 BOTTOM STIFFENERS:
 SIDE SHELL STIFFENERS:
 WEB FRAMES:
 BOTTOM GIRDERS:
- 3/4" TYP U.N.O.
 3/8" TYP U.N.O.
 5/16" TYP U.N.O.
 5"x3x1/2"x1/4" TYP U.N.O.
 4"x3x1/4" TYP U.N.O.
 14"x3x5/16" FP TYP U.N.O.
 14"x3x5/16" FP TYP U.N.O.

ORDINARY FRAME BRKT TYP.
 REF 6, 8

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6

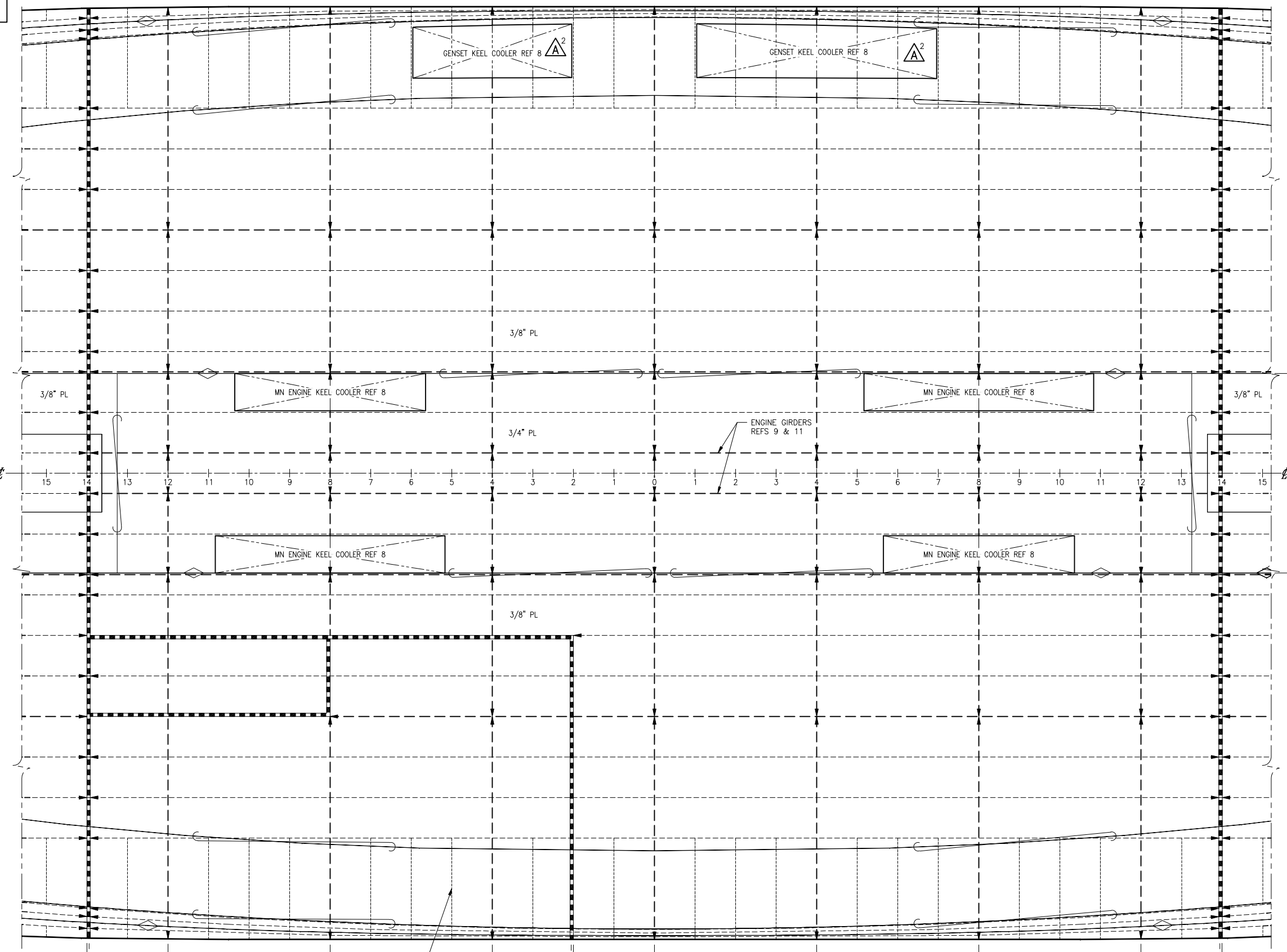
5

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CONTINUED SHT 3

CONTINUED SHT 1

9'-10"
FLAT KEEL

LEGEND

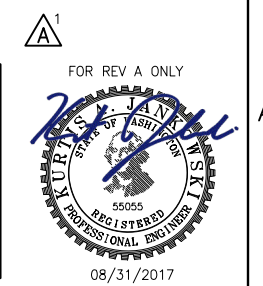
- BULKHEAD
- LONG GIRDER/ WEB FRAME
- ORDINARY STIFFENER
- BRACKET
- PLATE SEAM
- KNUCKLE
- TONNAGE/HALF FRAME

KEEL PL: 3/4" TYP U.N.O.
 BOTTOM SHELL PL: 3/8" TYP U.N.O.
 SIDE SHELL PL: 5/16" TYP U.N.O.
 BOTTOM STIFFENERS: 5"x3x1/2"x1/4"L TYP U.N.O.
 SIDE SHELL STIFFENERS: 4"x3"x1/4"L TYP U.N.O.
 WEB FRAMES: 14"x3"x5/16" FP TYP U.N.O.
 BOTTOM GIRDERS: 14"x3"x5/16" FP TYP U.N.O.

ORDINARY FRAME BRKT TYP.
REF 6, 8

PLAN 2-4A
 BOTTOM SHELL - MIDSHIP
 REFLECTED PLAN

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SIZE D DWG NO. 16101-200-110-1 REV A
 SCALE 3/8" = 1'-0" FILE NAME 16101-200-110-1A SHEET 2 OF 4

6

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1

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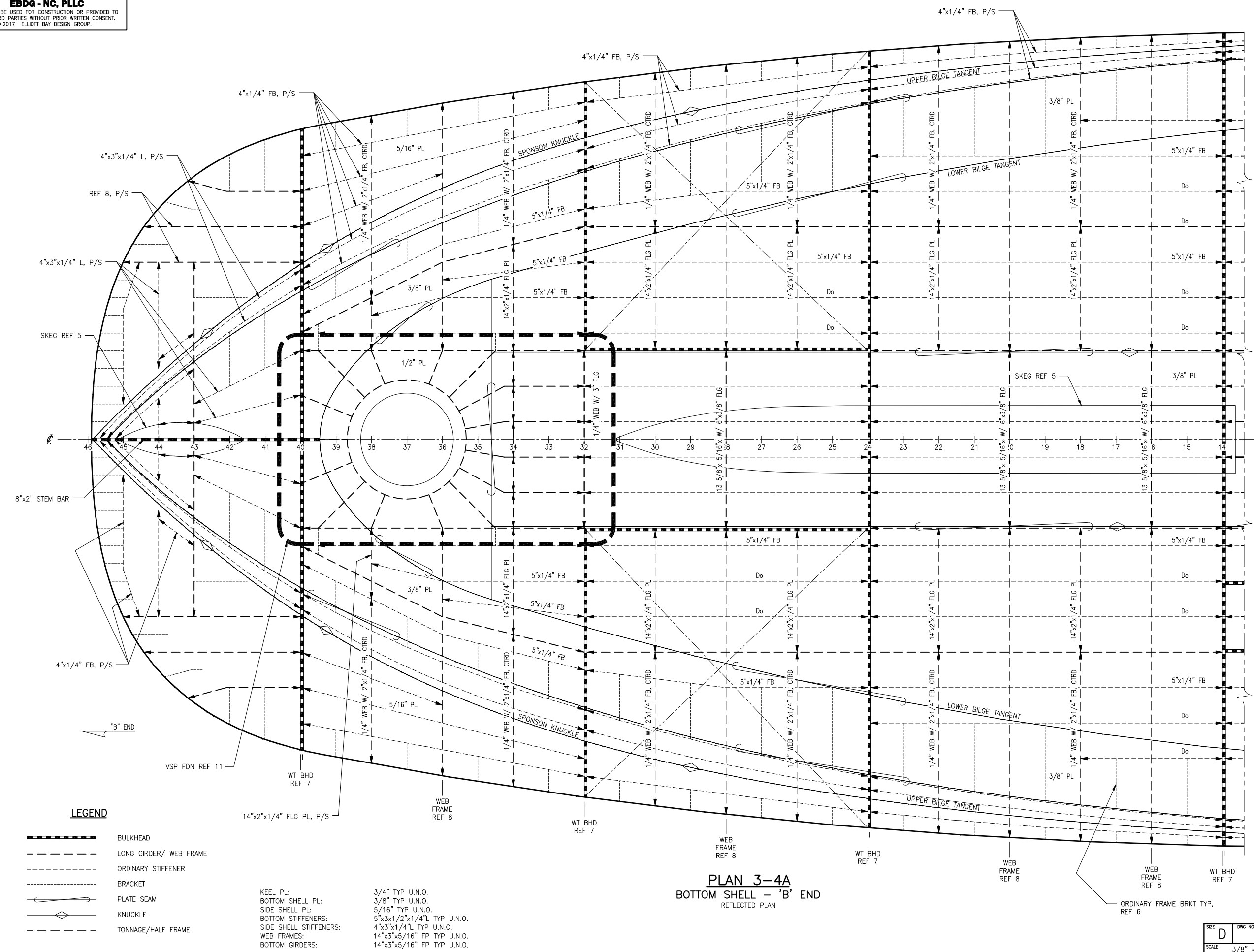
A

D

C

B

A



CONTINUED SHIT 2

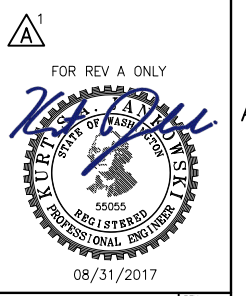
LEGEND

- BULKHEAD
- LONG GIRDER/ WEB FRAME
- ORDINARY STIFFENER
- BRACKET
- PLATE SEAM
- KNUCKLE
- TONNAGE/HALF FRAME

KEEL PL: 3/4" TYP U.N.O.
 BOTTOM SHELL PL: 3/8" TYP U.N.O.
 SIDE SHELL PL: 5/16" TYP U.N.O.
 BOTTOM STIFFENERS: 5"x3x1/2"x1/4" L TYP U.N.O.
 SIDE SHELL STIFFENERS: 4"x3"x1/4" L TYP U.N.O.
 WEB FRAMES: 14"x3"x5/16" FP TYP U.N.O.
 BOTTOM GIRDERS: 14"x3"x5/16" FP TYP U.N.O.

PLAN 3-4A
 BOTTOM SHELL - 'B' END
 REFLECTED PLAN

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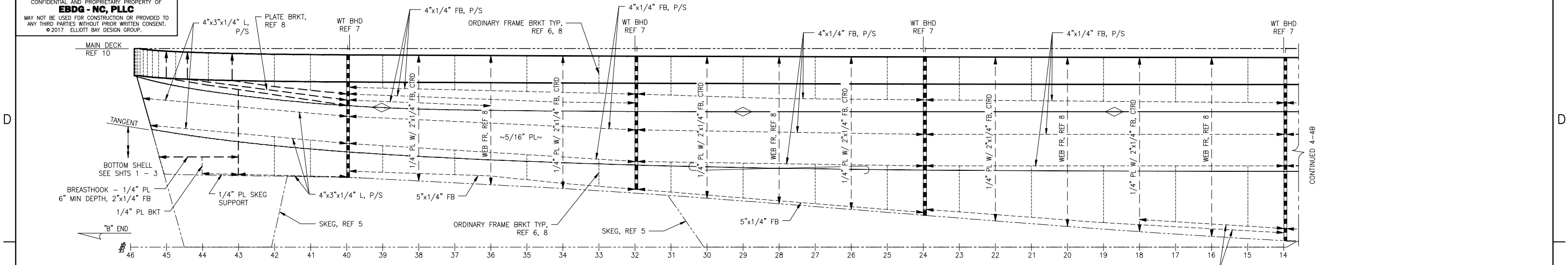


08/31/2017

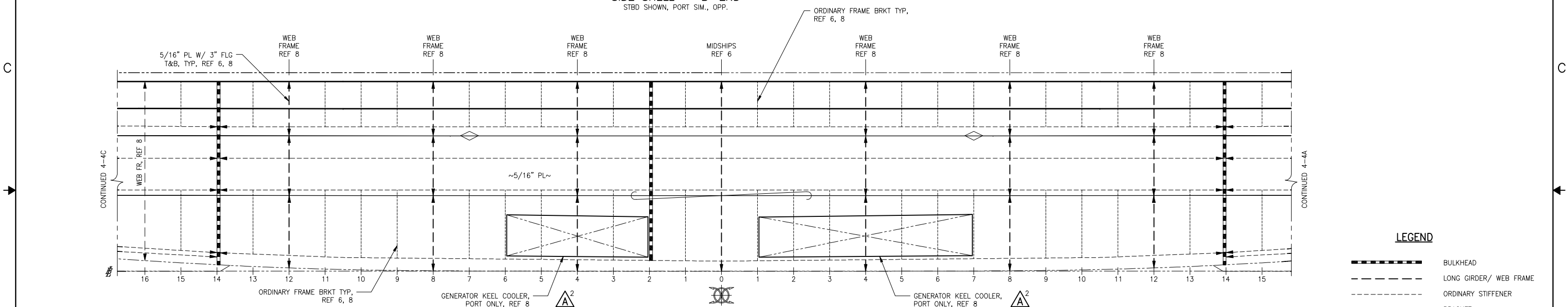
SIZE	D	OWG NO.	16101-200-110-1	REV	A
SCALE	3/8" = 1'-0"	FILE NAME	16101-200-110-1A	SHEET	3 OF 4

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6 | 5 | 4 | 3 | 2 | 1



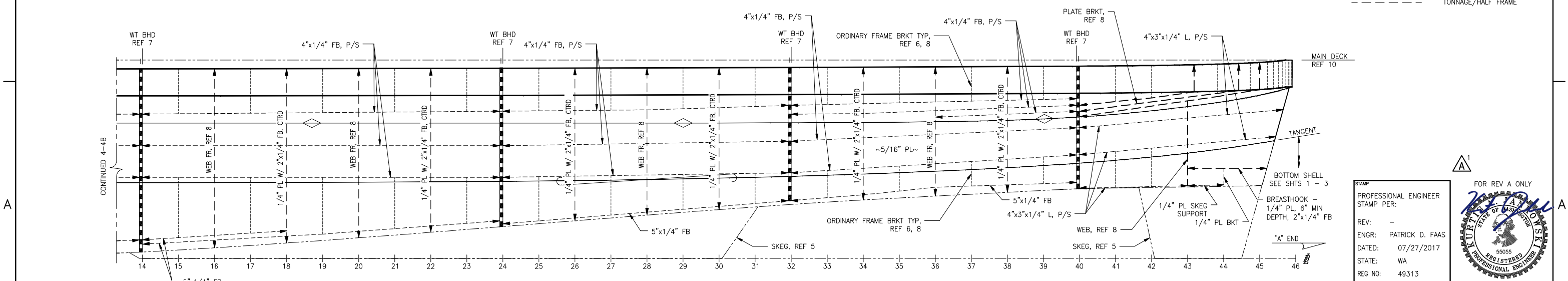
ELEVATION 4-4C
 SIDE SHELL - 'B' END
 STBD SHOWN, PORT SIM., OPP.



ELEVATION 4-4B
 SIDE SHELL - MIDSHIP
 STBD SHOWN, PORT SIM., OPP., U.N.O.

LEGEND

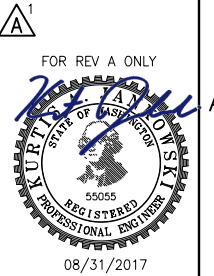
	BULKHEAD
	LONG GIRDER/ WEB FRAME
	ORDINARY STIFFENER
	BRACKET
	PLATE SEAM
	KNUCKLE
	TONNAGE/HALF FRAME



ELEVATION 4-4A
 SIDE SHELL - 'A' END
 STBD SHOWN, PORT SIM., OPP.

SIDE SHELL PL: 5/16" TYP, U.N.O.
 SIDE SHELL STIFFENERS: 4"x3"x1/4" L TYP, U.N.O.
 SIDE SHELL WEB FRAMES: 12"x3"x1/4" FP TYP, U.N.O.

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SIZE	DWG NO.	REV
D	16101-200-110-1	A
SCALE	FILE NAME	SHEET
3/8" = 1'-0"	16101-200-110-1A	4 OF 4