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EQUIPMENT LIST			
ITEM#	QTY	DESCRIPTION	COMMENT
01	2	MAIN ENGINE	
02	2	FLUID COUPLING	
03	2	REDUCTION GEAR	
04	2	FIRE PUMP	
05	2	FIRE PUMP STRAINER	
06	2	BALLAST PUMP	
07	2	BALLAST PUMP STRAINER	
08	1	BALLAST MANIFOLD	
09	2	BILGE PUMP	
10	2	BILGE PUMP STRAINER	
11	2	SHIP SERVICE DIESEL GENERATOR (SSDG)	
12	1	MSD	
13	2	ZERO DISCHARGE PUMP	
14	2	ZERO DISCHARGE HOLDING TANK	500 GAL
15	2	SEA CHEST	
16	1	WORK BENCH	
17	1	6" HEAVY VICE	
18	1	WASTE OIL PUMP	
19	1	WASTE OIL TANK	60 GAL
20	1	LUBE OIL TANK	60 GAL
21	1	EOS CONSOLE	
22	1	SWITCHBOARD	
23	2	SSDG SILENCER	
24	2	MAIN ENGINE SILENCER	
25	2	SUPPLY FAN - ENGINE ROOM	
26	2	MN ENGINE JACKET WATER KEEL COOLER	
27	2	MN ENGINE SCAC KEEL COOLER	
28	2	SSDG JACKET WATER KEEL COOLER	
29	2	SSDG SCAC KEEL COOLER	
30	1	BILGE MANIFOLD "A"	
31	1	BILGE MANIFOLD "B"	
32	2	AIR COMPRESSOR WITH RECEIVER	
33	2	POTABLE WATER PUMP	
34	1	POTABLE WATER PUMP STRAINER	
35	1	POTABLE WATER PRESSURE TANK	
36	2	CYCLOIDAL PROPELLER	
37	2	CYCLOIDAL PROPELLER OIL COOLER	
38	2	CYCLOIDAL PROPELLER OIL HEAD TANK	
39	1	EMERGENCY GENERATOR (EGEN)	
40	1	EGEN FO TANK	50 GAL
41	1	EMERGENCY SWITCHBOARD	
42	1	EGEN SILENCER	
43	1	EGEN START BATTERY BANK	
44	2	ENGINE START BATTERY BANK	
45	2	CYCLOIDAL PROPELLER CONTROL CABINET	
46	4	MAIN ENGINE COOLANT EXPANSION TANK	
47	2	SSDG EXPANSION TANK	
48	3	ENGINE RM & EOS FIRE SUPPRESSION BOTTLES	
49	2	SUPPLY FAN - VOID	
50	2	SUPPLY FAN - THRUSTER ROOM	
51	1	FUEL OIL TRANSFER PUMP	
52	1	WASTE OIL HOSE REEL	
53	1	EGEN FIRE SUPPRESSION BOTTLE	

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**REVISION HISTORY**

REV	ZONE	DESCRIPTION	DWN	DATE	APVD

**GENERAL NOTES**

- VESSEL TO BE CONSTRUCTED IN ACCORDANCE WITH 46 CFR SUBCHAPTER H REGULATIONS.
- FRAME SPACING IS 24"
- EQUIPMENT LAYOUT IS PRELIMINARY. FINAL EQUIPMENT POSITION IS SUBJECT TO DESIGN DEVELOPMENT AND OWNER APPROVAL.
- EQUIPMENT INSTALLATION SHALL PERMIT FREE PASSAGE ALONG WALKWAYS AND LADDERWAYS, FREE ACCESS TO ALL DOORS, ESCAPE HATCHES, AND ACCESS OPENINGS, AND SHALL BE FREE OF ALL INTERFERENCES FOR THE DISASSEMBLY, INSPECTION, AND REPAIR OF VITAL EQUIPMENT AND MACHINERY.
- REMOVABLE GUARDS SHALL BE INSTALLED OVER EXPOSED ROTATING COMPONENTS.

**REFERENCES**

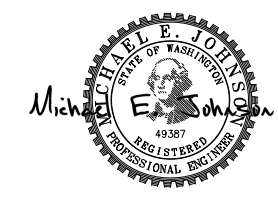
- 16101-100-832-1 TECHNICAL SPECIFICATION
- 16101-100-101-1 PROFILES AND DECK ARRANGEMENTS
- 16101-100-243-1 SHAFT ARRANGEMENT
- 16101-100-256-1 COOLING SYSTEM SCHEMATIC
- 16101-100-259-1 EXHAUST ARRANGEMENT
- 16101-100-261-1 FUEL OIL PIPING SCHEMATIC
- 16101-100-320-1 AC AND DC ELECTRICAL ONE LINE DIAGRAM
- 16101-100-513-1 MACHINERY VENTILATION ARRANGEMENT
- 16101-100-521-1 FIRE MAIN SYSTEM SCHEMATIC
- 16101-100-528-1 SANITARY DRAINS SCHEMATIC
- 16101-100-529-1 BILGE AND BALLAST SCHEMATIC
- 16101-100-529-2 LUBE OIL AND WASTE OIL PIPING SCHEMATIC
- 16101-100-533-1 POTABLE AND SANITARY WATER PIPING SCHEMATIC
- 16101-100-551-1 COMPRESSED AIR PIPING SCHEMATIC



**Elliott Bay Design Group**  
 North Carolina, PLLC

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

PROJECT: NEW RIVER CLASS FERRY

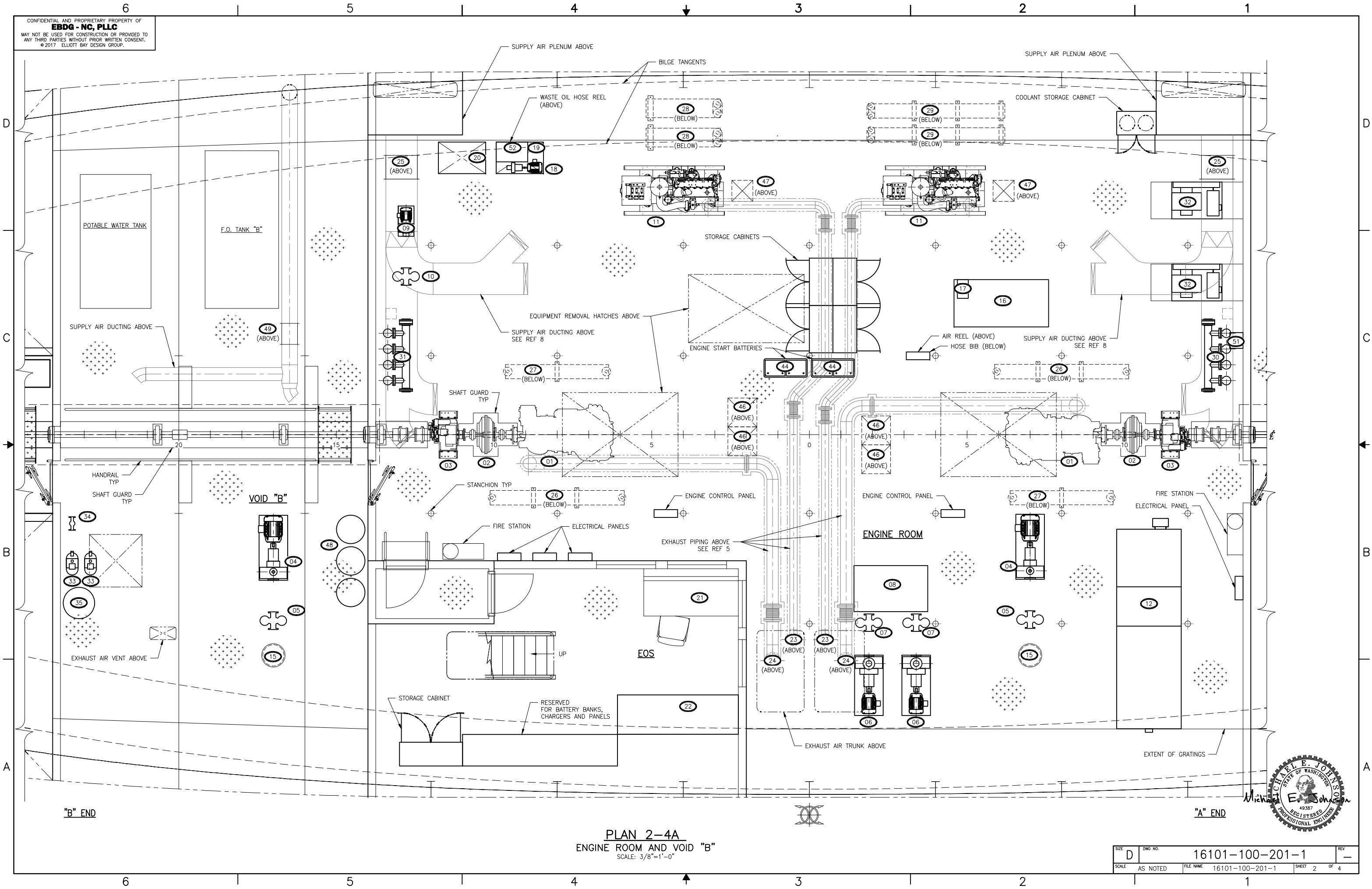


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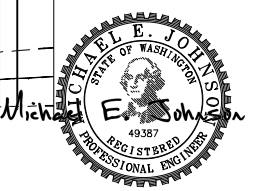
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SCALE	NONE	FILE NAME	16101-200-201-1-	SHEET	1 OF 4
DWN	JEH	MOD		APVD	MEJ
		CKD	NJB		APVD DATE
					7/28/17

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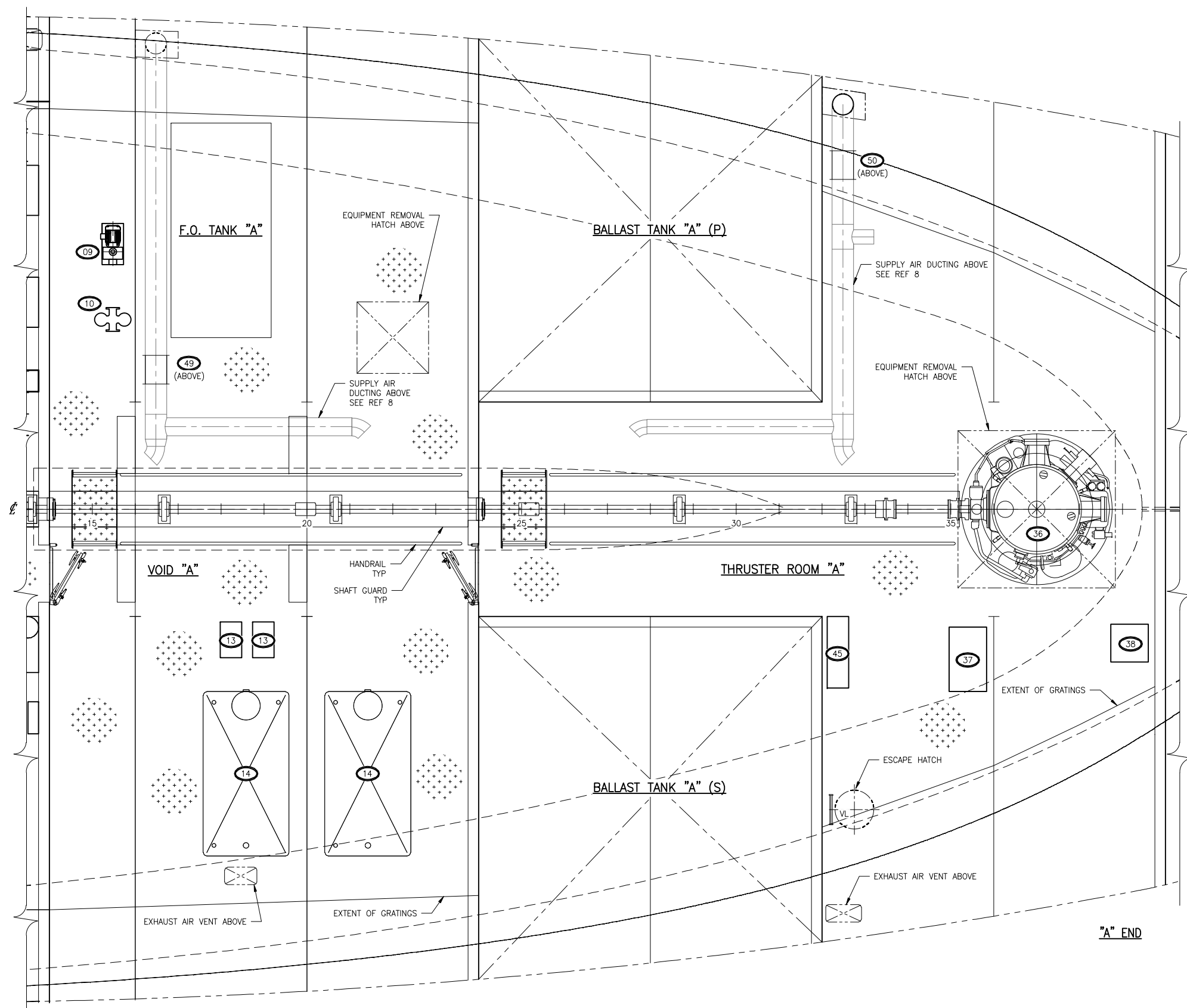
**PLAN 2-4A**  
 ENGINE ROOM AND VOID "B"  
 SCALE: 3/8"=1'-0"



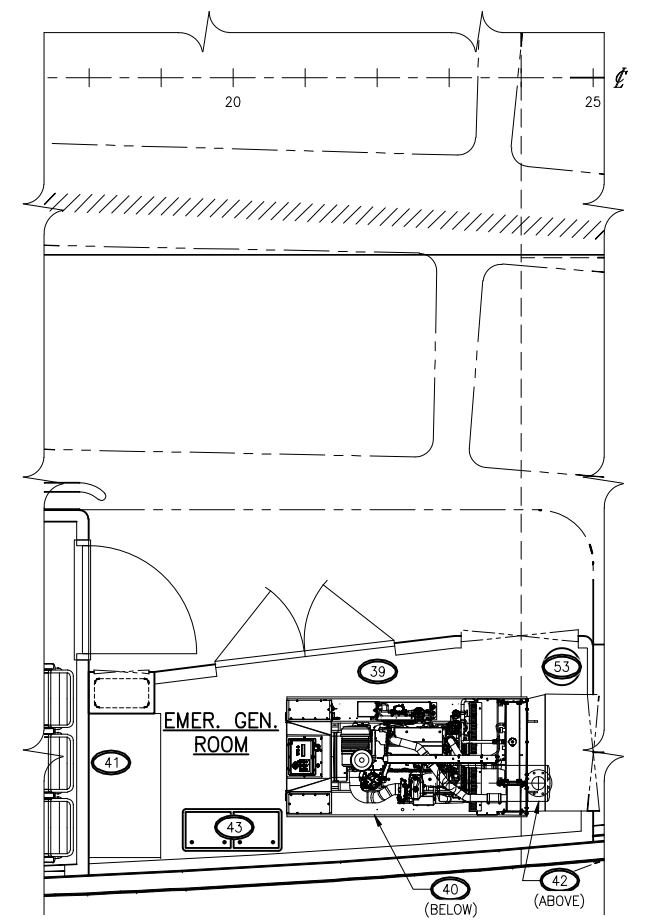
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SCALE	AS NOTED	FILE NAME	16101-100-201-1	SHEET	2 OF 4

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**PLAN 3-4A**  
 VOID "A" AND THRUSTER ROOM "A"  
 THRUSTER ROOM "B" OPP SIM  
 SCALE: 3/8"=1'-0"



**PLAN 3-1B**  
 EMERGENCY GENERATOR ROOM  
 SCALE: 3/8"=1'-0"



SIZE	DWG NO.	REV
D	16101-100-201-1	-
SCALE	FILE NAME	SHEET
AS NOTED	16101-100-201-1-	3 OF 4

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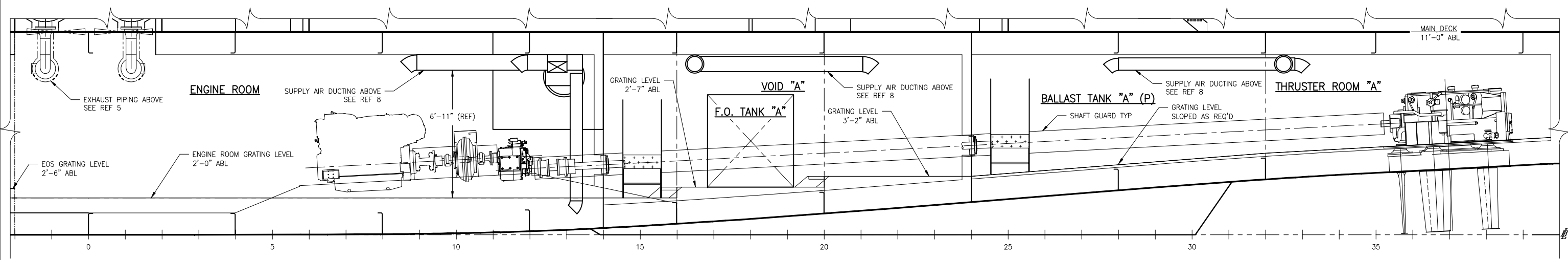
1

D

C

B

A



**ELEVATION 4-4A**  
 INBOARD PROFILE  
 CENTERLINE LOOKING PORT  
 END "A" SHOWN - END "B" SIM  
 SCALE: 3/8"=1'-0"



SIZE	D	DWG NO.	16101-100-201-1	REV	-
SCALE	AS NOTED	FILE NAME	16101-100-201-1-	SHEET	4 OF 4

6

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2

1

D

C

B

A

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