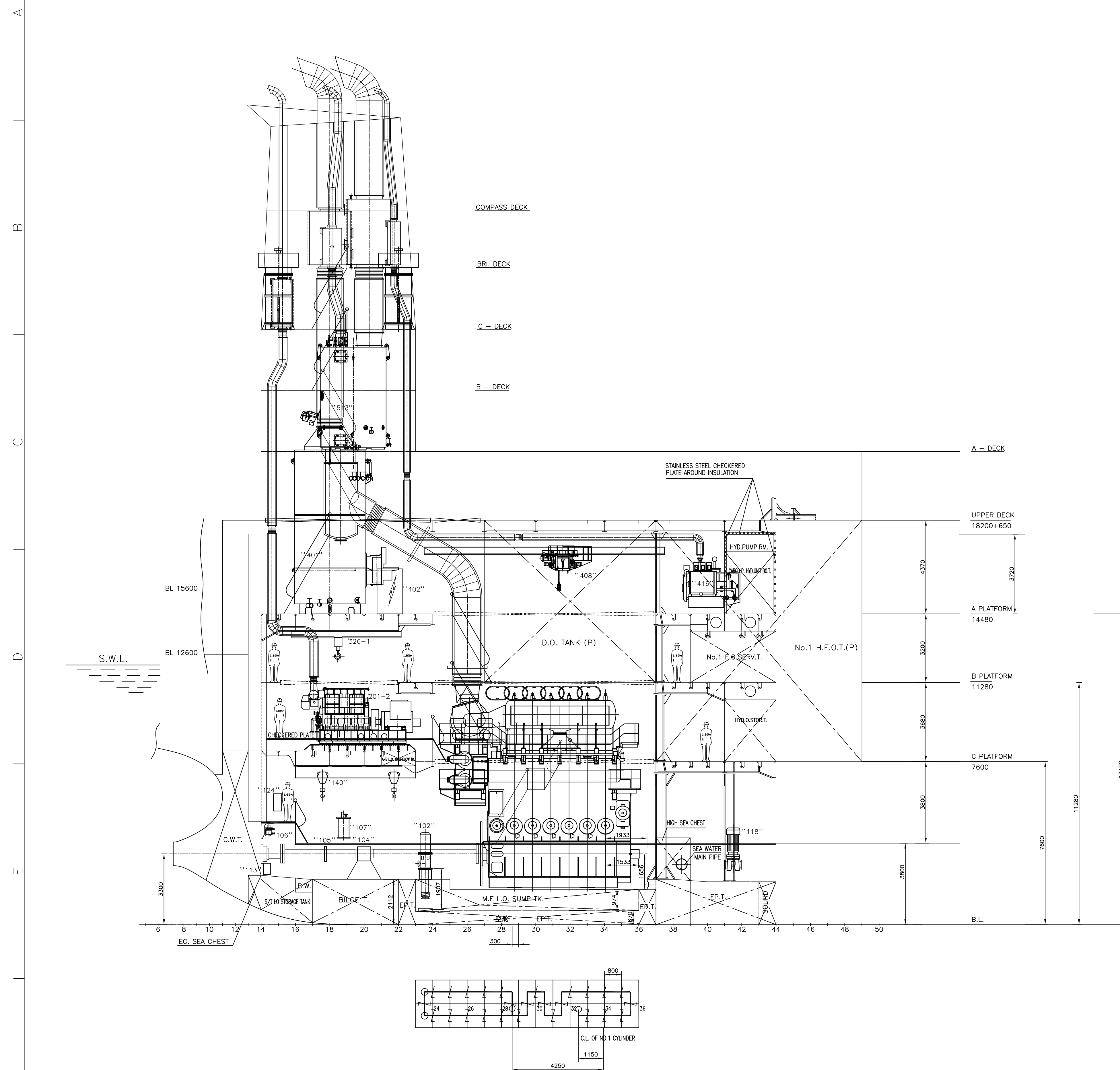
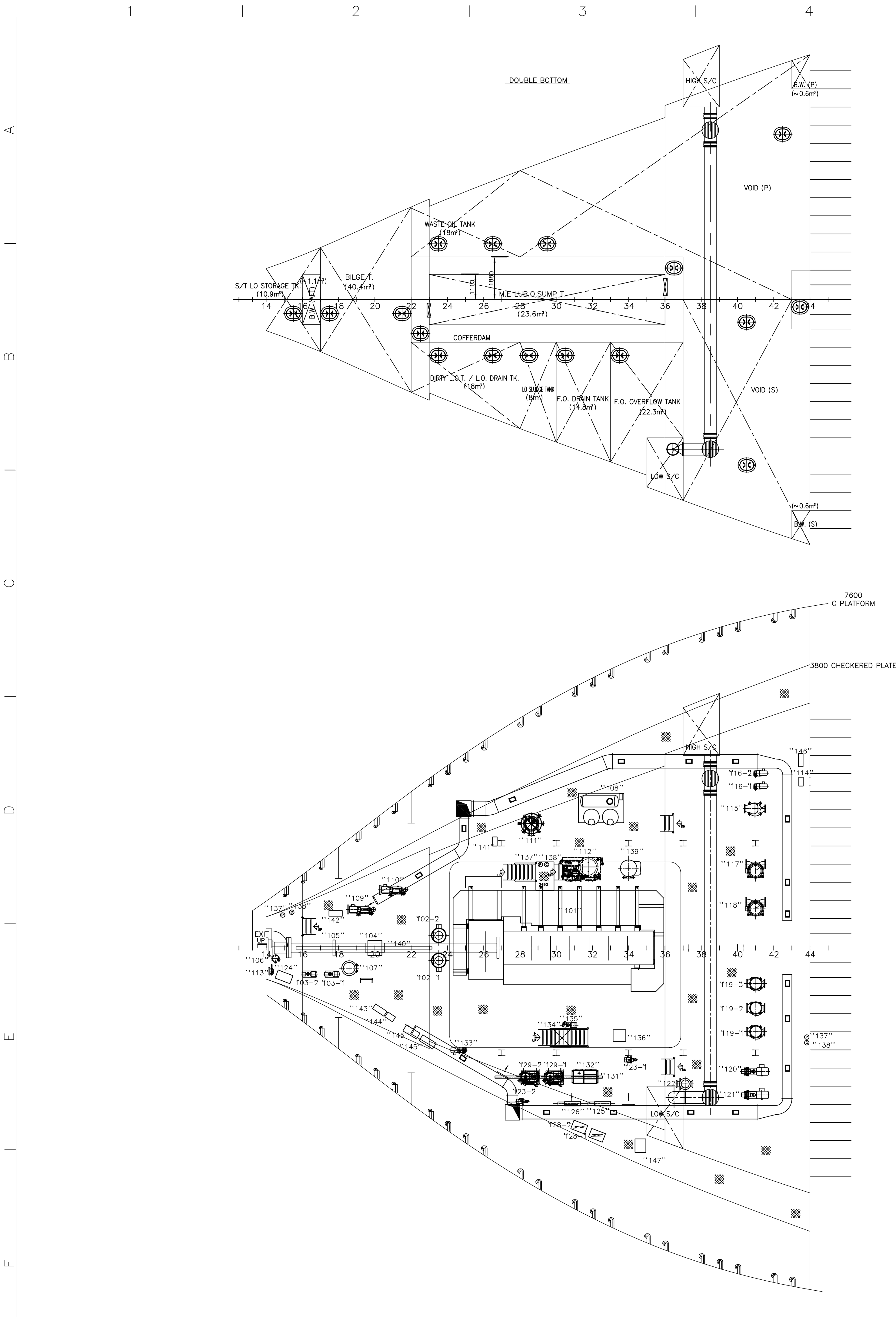


CLASSIFICATION			LR/IRS			
FLAG			INDIA			
PORT OF REGISTRY			MUMBAI			
PLYING AREA			WORLDWIDE			
			MT SWARNA PUSH IMO NO.:9432672	FINAL DRAWING		
				SHIP'S NO.: JLZ070502		
COR. MARKS	SIGN	DATE	ENGINE ROOM ARRANGEMENT	JL10168-054-001		
DESIGNED				PAGE		
CHECKED				WEIGHT		
APPROVED1				SCALE		
APPROVED2				1 / 8		
CHECKED OF STA.			47,000 DWT PRODUCT OIL TANKER	JINGLING SHIPYARD MARINE DESIGN COMPANY FAX:0086-25-58797167 E-mail:jlshipyd@vip.163.com		
DATE						

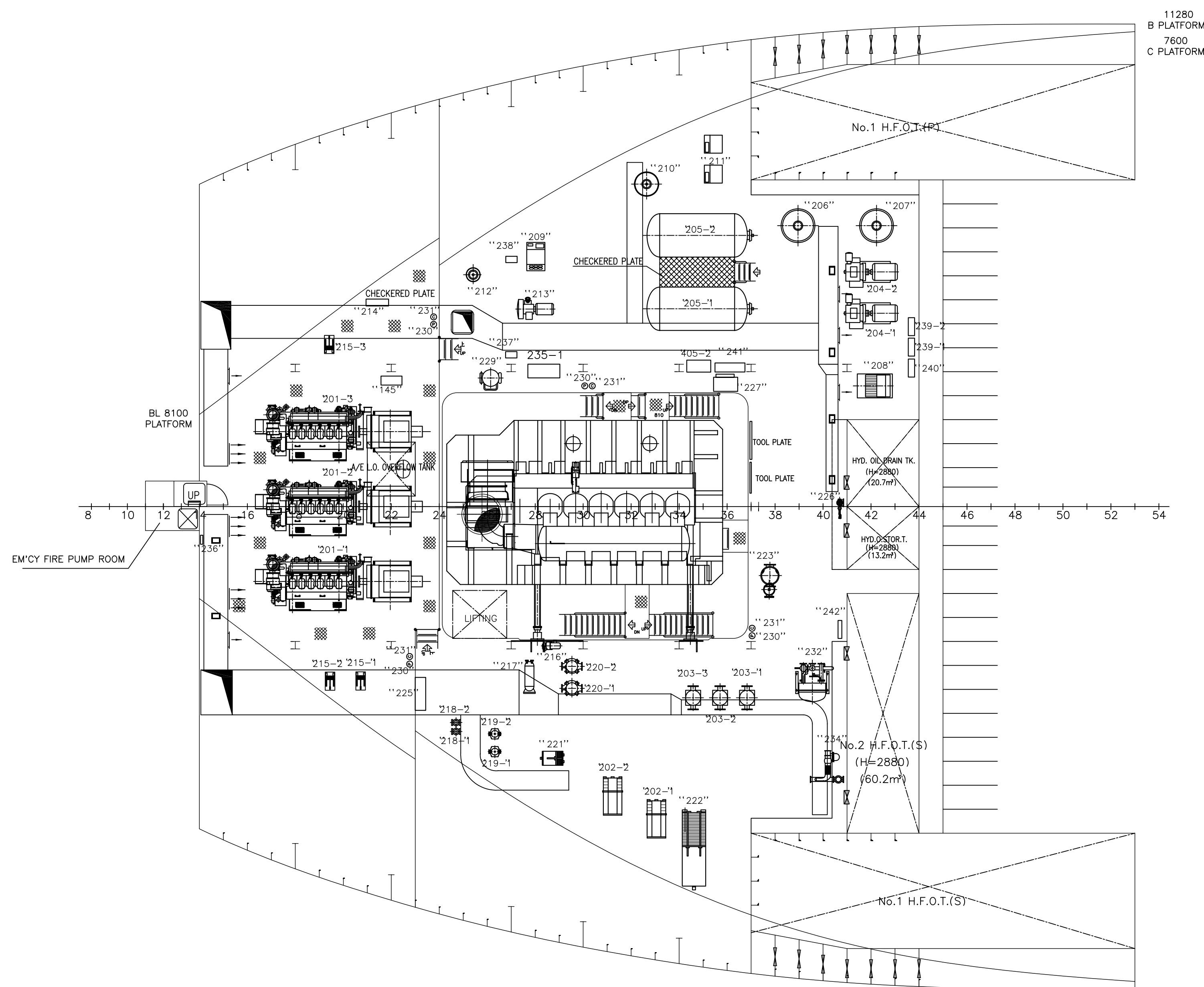




130						130					
129		M/E L.O. SEPARATOR	2	1350 L/h		121		D.O. TRANSFER PUMP	1	24 m³/h x 0.5 MPa	
128		M/E L.O. SEPARATOR CONTROL BOX	2			120		F.O. TRANSFER PUMP	1	24 m³/h x 0.5 MPa	
127						119		S.W. COOLING PUMP	3	360 m³/h x 0.32 MPa	
126		No.2 L.O. SEPARATOR HEATER	1			118		FIRE & G.S. PUMP	1	300/260 m³/h x 0.33/0.9 MPa	
125		No.1 L.O. SEPARATOR HEATER	1			117		BILGE, FIRE& G.S. PUMP	1	300/260 m³/h x 0.33/0.9 MPa	
124		AIR CONTROL UNIT	1			116		DECK SEAL WATER PUMP	2	3 m³/h x 0.4 MPa	
123		NO.1/2L.O. SEPARATOR SUPPLY PUMP	2	1450L/h x 0.2MPa		115		IGS COOLING WATER PUMP	1	330 m³/h x 0.4 MPa	
122		F.W. GENERATOR S.W. PUMP	1			114		CONTROL BOX FOR ANTI-FOULING UNIT	1		
151						113		S/T DRAIN COLLECTION TANK	1	10L	
150						112		M/E PISTON STUFFING BOX UNIT	1		
149						111		M/E SCAVENGE BOX DRAIN TANK	1		
148						110		SLUDGE PUMP	1	5 m³/h x 0.5 MPa	
147		ICCP CONTROL PANEL	1			109		BILGE PUMP	1	10 m³/h x 0.45 MPa	
146		IGS COOLING WATER PUMP STARTER	1			108		BILGE WATER SEPARATOR	1	5 t/h	
145		E. POWER SEPARATE BOX	8			107		AIR SEAL S/T LO TANK UNIT	1	180L	
144		LO TRANS. PUMP STARTER	1			106		S/T FWD SEAL TANK	1	15L	
143		TUBE LO PUMP START BOX	1			105		SHAFT GROUNDING DEVICE	1		
142		NO.3 GROUP START PANEL	1			104		INTERMEDIATE SHAFT BEARING	1		
141		M/E JIGGER CONTROL BOX	1			103		S/T L.O. PUMP	2	0.6 m³/h x 0.26 MPa	
140		LIFTING DEVICE FOR SHAFT	1	5tX2		102		MAIN L.O. PUMP	2	235 m³/h x 0.48 MPa	
139		65L FOAM EXTINGUISHER	1			101	MAN B&W 6S50MC-C MKVII	MAIN ENGINE	1	9480 kW x 127 r/min	
138		5kg CO₂ EXTINGUISH	3			NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS
137		6kg POWDER EXTINGUISH	3								
136		TOP BRACING PUMP STATION	1								
135		M/E A/C CHEM. CLEAN. PUMP	1	2 m³/h x 0.3 MPa							
134		M/E A/C CHEM. CLEAN. TANK	1	0.6 m³							
133		L.O. TRANSFER PUMP	1	5 m³/h x 0.4 MPa							
132		WASH BASIN FOR L.O. SEPARATOR	1								
131		LIFT BEAM FOR L.O. SEPARATOR	1								

$$H=3680$$

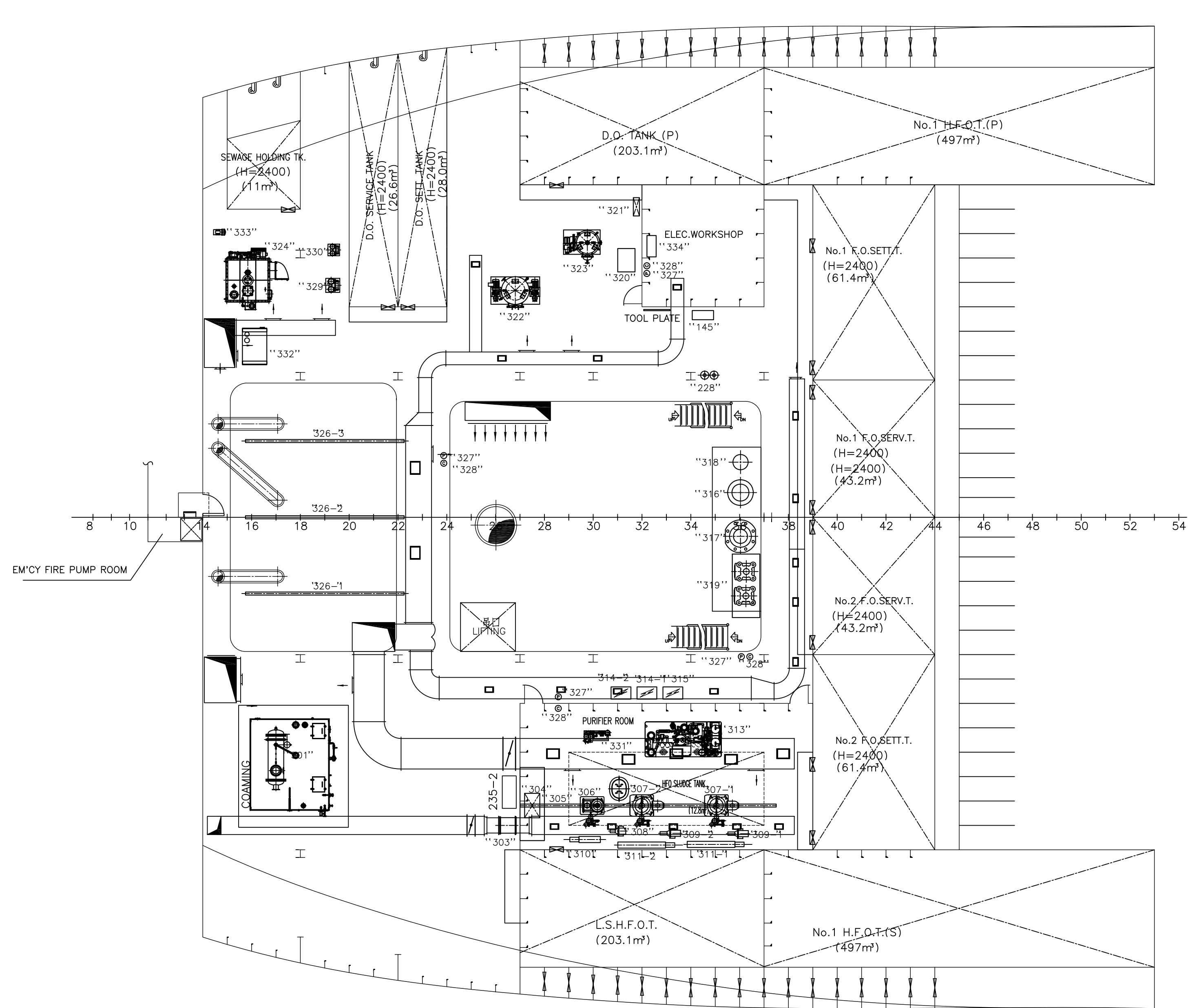
C PLATFORM



230		6kg POWDER EXTINGUISH	4		
229		45L FOAM FIRE EXTINGUISHER	1		
228		CO ₂ EXTINGUISH FOR M/E SCAVENGE BOX	2		
227		20L PORTABLE FOAM APPLICATOR	1		
226		HYDRAULIC OIL TRANSFER PUMP	1		
225		A/E CONTROL PANEL	1		
224					
223		M/E L.O. AUTO.&BY-PASS FILTER	1		
222		M/E L.O. COOLER	1		

251						221		M/E H.T. F.W. COOLER	1		
250						220		M/E H.T. F.W. COOLING PUMP	2	79 m³/h x 0.33 MPa	
249						219		FEED WATER PUMP FOR AUX. BOILER	2		
248						218		FEED WATER PUMP FOR COMPOSITE BOILER	2		
247						217		M/E JACKET F.W. HEATER	1		
246						216		M/E JACKET WATER PREHEATER PUMP	1	9 m³/h x 0.2 MPa	
245						215		A/E H.T. F.W. COOLER	3		
244						214		D/G FRESH WATER PREHEATING UNIT	1		
243						213		AUX. AIR COMPRESSOR	1	63 m³ x 3 MPa	
242		FW GEN. CONTROL PANEL	1			212		AUX. AIR RESERVOIR	1	250 L x 3 MPa	
241		FAN FOR M/E START BOX	1			211		CONTROL AIR DRYER	2	50 m³/h	
240		DECK AIR COMP. CONTROL BOX	1			210		CONTROL AIR RESERVOIR	1	1 m³ x 0.8 MPa	
239		MAIN AIR COMP. CONTROL BOX	2			209		CONTROL AIR COMPRESSOR	1	96.5 m³ x 1.0 MPa	
238		CONTROL AIR COMP. CONTROL BOX	1			208		DECK AIR COMPRESSOR	1	217 m³ x 1.0 MPa	
237		AUX. AIR COMP. CONTROL BOX	1			207		DECK AIR RESERVOIR	1	2 m³ x 0.8 MPa	
236		A/E LO PRIMING PUMP START BOX	1			206		SERVICE AIR RESERVOIR	1	2 m³ x 0.8 MPa	
235		SPARE OIL TANK	2	0.5 m³		205		MAIN AIR RESERVOIR	2	4.5 m³ x 3 MPa	
234		HOT WATER LOOP UNIT	1			204		MAIN AIR COMPRESSOR	2	150 m³/h x 3 MPa	
233						203		L.T. F.W. COOLING PUMP	3	300 m³/h x 0.35 MPa	
232		F.W. GENERATOR	1	30 T/day		202		CENTRAL L.T. F.W. COOLER	2	~4500 kW	
231		5kg CO₂ EXTINGUISH	4			201		DIESEL GENERATOR	3	800 kW x 900 r/m	
NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS	NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS

B PLATFORM

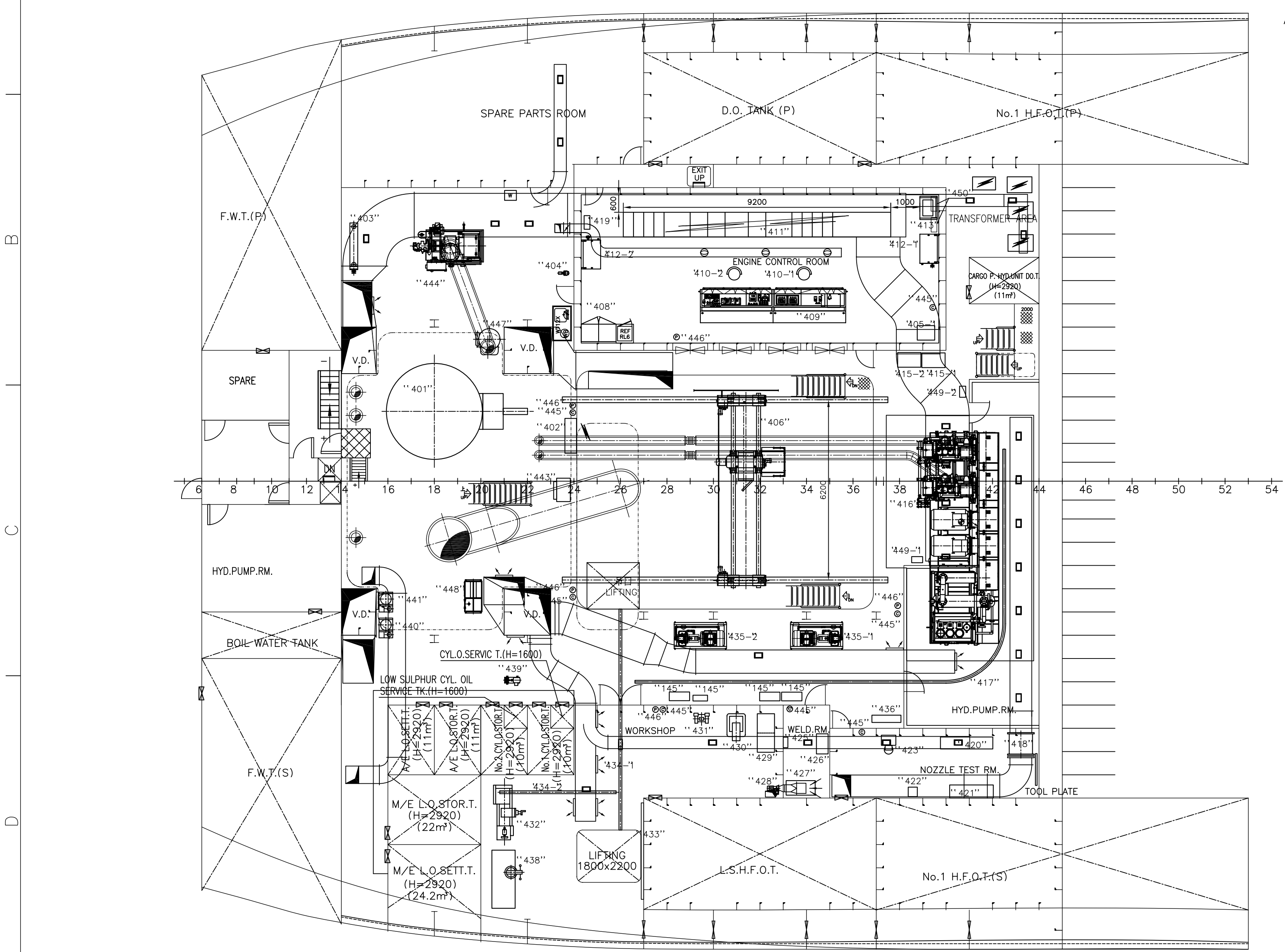
$$H=3200$$


14480
A PLATFORM
11280
B PLATFORM

330		COMPOSITE BOILER F.O. PUMP UNIT	1		
329		AUX. BOILER F.O. PUMP UNIT	1		
328		5kg CO ₂ EXTINGUISH	4		
327		6kg POWDER EXTINGUISH	4		
326		LIFT DEVICE FOR A/E	3	1 t	L-6000 MANUAL
325					
324		SEWAGE TREATMENT UNIT	1	50 PERSONS	
323		CALORIER WITH HOT WATER CIRC. PUMP	1	0.5 m ³ & 3 m ³ /h x 0.25 MPa	
322		F.W. HYDROPHORE WITH F.W. SERVICE PUMP	1	1.5 m ³ & 10 m ³ /h x 0.5 MPa	
321		DRINK WATER STERILIZER	1	5 m ³ /h	
320		MINERALIZER	1	5 m ³ /h	
319		EXHAUST VAVLE	1		
318		PISTON & PISTON ROD	1		
317		M/E CYLINDER COVER	1		
316		M/E CYLINDER LINER	1		
315		D.O. SEPARATOR CONTROL BOX	1		
314		H.F.O. SEPARATOR CONTROL BOX	2		
313		M/E&A/E F.O. SUPPLY UNIT	1		
312					
311		H.F.O. SEPARATOR HEATER	2		
310		D.O. SEPARATOR HEATER	1		
309		H.F.O. SEPARATOR TRANSFER PUMP	2		
308		D.O. SEPARATOR TRANSFER PUMP	1		
307		H.F.O. SEPARATOR	2	2560 L/h	
306		D.O. SEPARATOR	1	1400 L/h	
305		LIFT BEAM FOR SEPARATOR ROOM	1	1 t	L-8400 MANUAL
304		WASH BASIN FOR SEPARATOR ROOM	1		
303		EXHAUST FAN FOR SEPARATOR ROOM	1	150 m ³ /min x 790Pa	
302					
301		HOT WELL	1	8.5 m ³	(INCLUDING CONDENSED WATER OBSERVE TANK)
NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS

A PLATFORM

H=3720

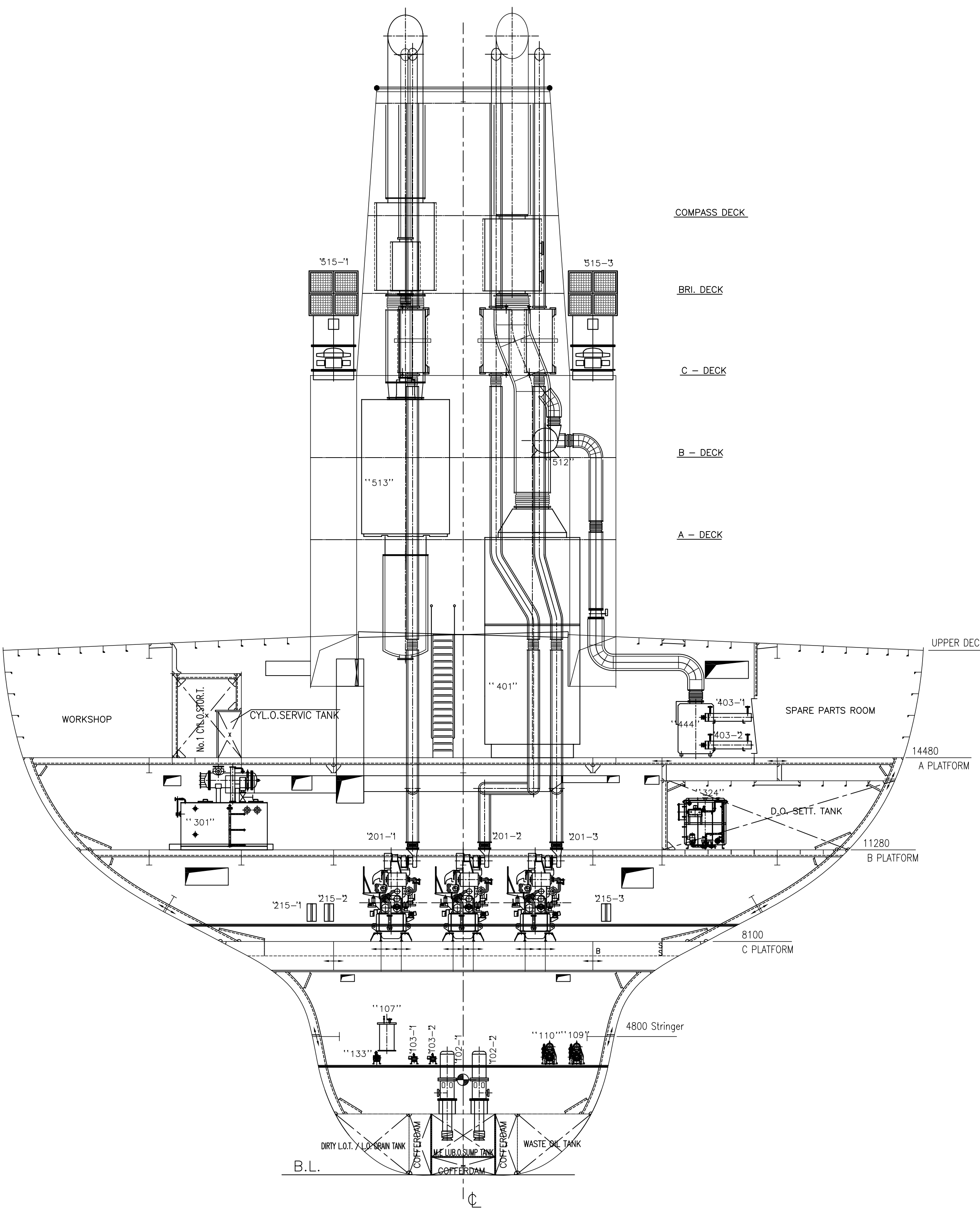


14480
A PLATFORM

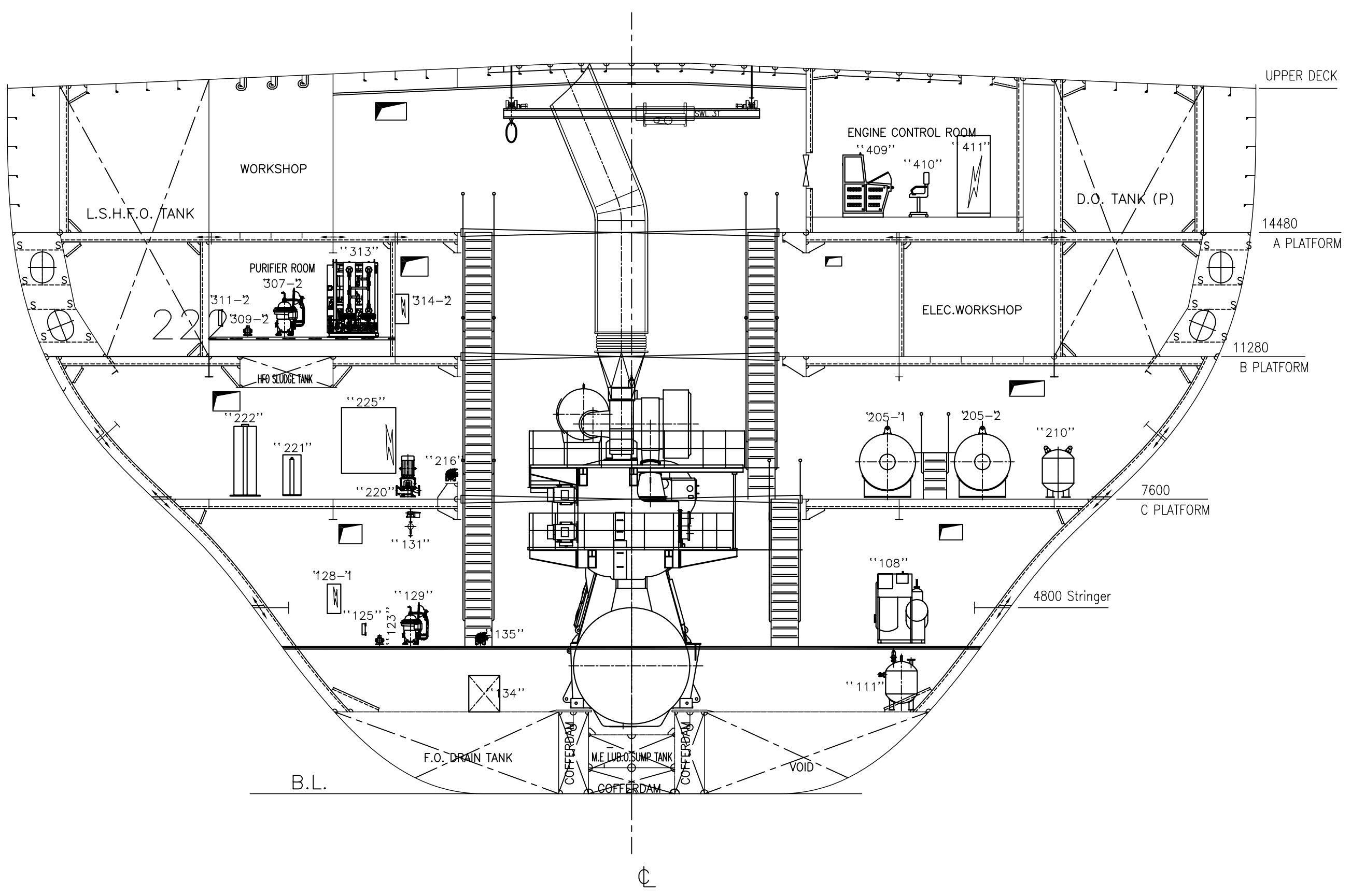
						430		STAND DRILLER	1		
						429		TOOL CABINET	1		
						428		EXHAUST FAN FOR WELDING ROOM	1	20 m³/min x 630Pa	
						427		TABLE FOR WELDING ROOM	1		
						426		ELECTRIC WELDER	1		
						425		GAS WELDING CABINET	1		
						424					
						423		M/E F.O. VALVE TESTER	1		
						422		A/E F.O. VALVE TESTER	1		
						421		SHELF FOR A/E F.O. VALVE	1		
450		ILLUMINATE SEPARATE BOX	2			420		SHELF FOR M/E F.O. VALVE	1		
449		HYD. POWER STA. DG CONTROL PANEL	2			419		FIRE CONTROL PANEL	1		
448		WASH BASIN FOR BOILER SAMPLE CLR	1			418		EXHAUST FAN FOR HYD.PUMP.ROOM	1	350 m³/min x 590Pa	
447		135L FOAM EXTINGUISHER	1			417		LIFT BEAM FOR HYD.PUMP.ROOM	1	3T	L≈19850 MANUAL
446		6kg POWDER EXTINGUISHER	5			416		CARGO PUMP HYDRAULIC POWER STATION	1		
445		5kg CO₂ EXTINGUISHER	7			415		STARTER FOR MAIN POWER PACK	2		800x469x1800
444		INCINERATOR	1	500000 kcal/h							
443		20L PORTABLE FOAM EXTINGUISHER	1			413		CABINET	1		
442						412		ECR AIR CONDITIONER	2		
441		CHEMICAL DOOSING UNIT FOR AUX. BOILER	1			411		MAIN SWITCHBOARD	1		
440		CHEMICAL DOOSING UNIT FOR COMPOSITE BOILER	1			410		CHAIR	2		
439		CYL. OIL TRANSFER PUMP	1	1 m³ x 0.2 MPa		409		CONROL CONSOLE	1		
438		TABLE FOR WORKSHOP WITH VICES	1			408		PAPER CABINET	1		
437						407					
436		A/C ELEC. CONTROL BOX	1			406		LIFT BEAM FOR MAIN ENGINE	1	3T	L≈11200x2 ELECTRIC
435		A/C CONDENSING UNIT	2			405		MONITOR & ALARM DPU CABINET	2		
434		LIFT BEAM FOR WORKSHOP	2	2T	L≈7600 L≈4000 MANUAL	404		AUX. BOILER IGNITE D.O. PUMP	1		
433		TOOL PANEL	1			403		BOILER F.O. HEATER	2		
432		LATHE	1			402		AUX. BOILER CONTROL PANEL	1		
431		GRINDER	1			401		AUXILIARY BOILER	1	25 t/h x 0.7 MPa	
NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS	NO.	TYPE OR DRAWING NO.	NAME	QTY.	CAPACITY	REMARKS

A
B
C
D
E
F

FR23 FROM FORE



FR33 FROM FORE



FR43 FROM FORE

