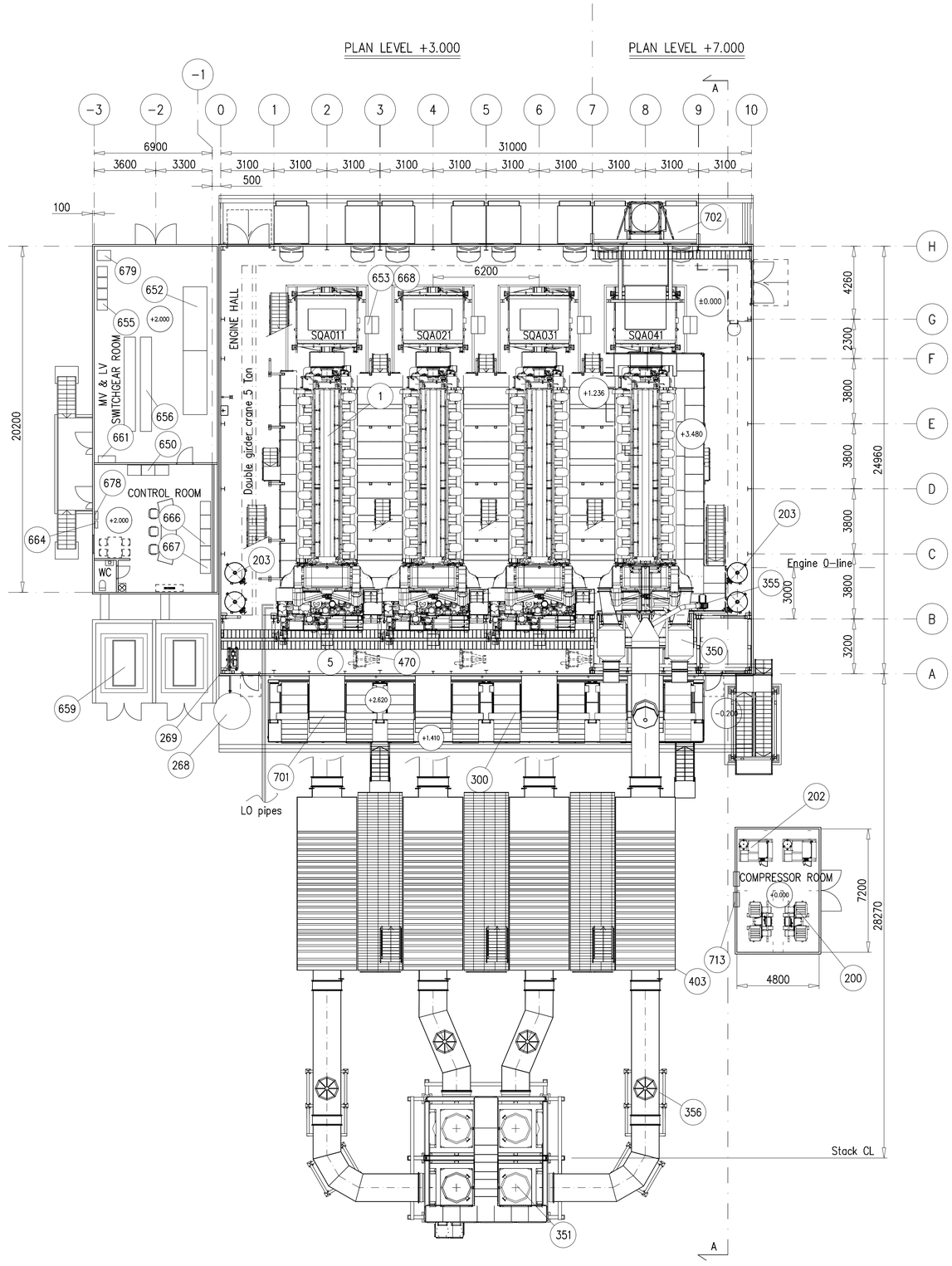

ENGINE HALL (This list applies to Engine hall plan and Engine hall section layouts.)

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] (Operative)	Mounting level (Floor level)
1	4	SQA	Engine generator set W18V50SG		~388200	+0.000
5	4	MOD	Compact auxiliary module		12105	+0.000
203	4	TSB	Starting air bottle	4,8	2023	+0.000
268	1	–	Maintenance water tank	10	–	–
269	1	–	Maintenance water pump		–	+0.000
300	8	NGA	Intake air filter		2510	+2.590
350	4	NHA	Exhaust gas module		10240	+4.570
355	4	NHA	Exhaust gas ventilation unit		200	+3.550
470	4	–	Condensate preheater (optional)			
653	4	BAN	Neutral point cubicle			+0.000
668	4	CFE	Local control panel			
701	4	EAA	Ventilation unit, aux. area (18m3/s)		2100	+1.380
702	8	EAA	Ventilation unit, engine hall (18m3/s)		2600	−0.200

UTILITY BLOCK & COMPRESSOR BUILDING

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] Incl. liquids	Mounting level (Floor level)
200	2	TCA	Instrument and working air unit			+0.000
202	2	TSA	Starting air unit			+0.000
650	3	AEE	Substation control panel			+2.000
652	2	BAC	MV Switchgear			+2.000
655	1	BEY	DC-system			+2.000
656	1	BFA	LV Switchgear			+2.000
661	1	BLI	Lighting panel			+2.000
664	1	BLN	Fire detection panel			+2.000
666	1	CFA	Control panel, common			+2.000
667	4	CFC	Control panel, engine wise			+2.000
678	1	BLN	Gas detecting panel			+2.000
679	1		Office IT equipment			+2.000
713	3		Ventilation outlet fan	3		

SITE AREA (This list applies to Engine hall plan and Engine hall section layouts.)

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] (Operative)	Mounting level (Floor level)
157	4	QBF	Oil mist separator unit		350	+12.710
251	16	VCA	Cooling water radiator		4445	+15.320
252	4	VEA	LT-Water expansion vessel	1,2	1450	+16.390
351	4	NHA	Exhaust gas silencer		9190	+4.590
356	8	–	Rupture disk		365	
403	4	YBA	SCR (DeNOx)		–	
500	2	DAD	Oily water collecting pit	2,5		
512	1	DAA	Control pit			
551	1	VBB	Water treatment unit		5000	
552	1	VCB	Treated water tank	10	11450	
600	1	VFB	Fire/raw water tank (with sprinkler system)	300	317500	
602	1	VFC	Fire pump station		5000	
659	2	BFB	Station transformer			–
663	1	BLM	Black starting unit		5500	
670	4	BLP	Frequency converter for radiator			+12.710
680	4		Frequency converter for fan			
703	4	EAB	Ventilation unit (27m3/s)		2000	+11.260

Committente: -

Progetto: ☒ PRELIMINARE | DEFINITIVO | ESECUTIVO

Opera: **Centrale di Produzione con 4 Motori endotermici da 18,4 Mwel alimentati a Gas naturale**

Descrizione Elaborato: Pianta vano motori

Disegno: Impianti — IM01A

Scala: 1:100

Data: 17/11/2017

Agg.ti

File: -

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Timbri e Visti
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