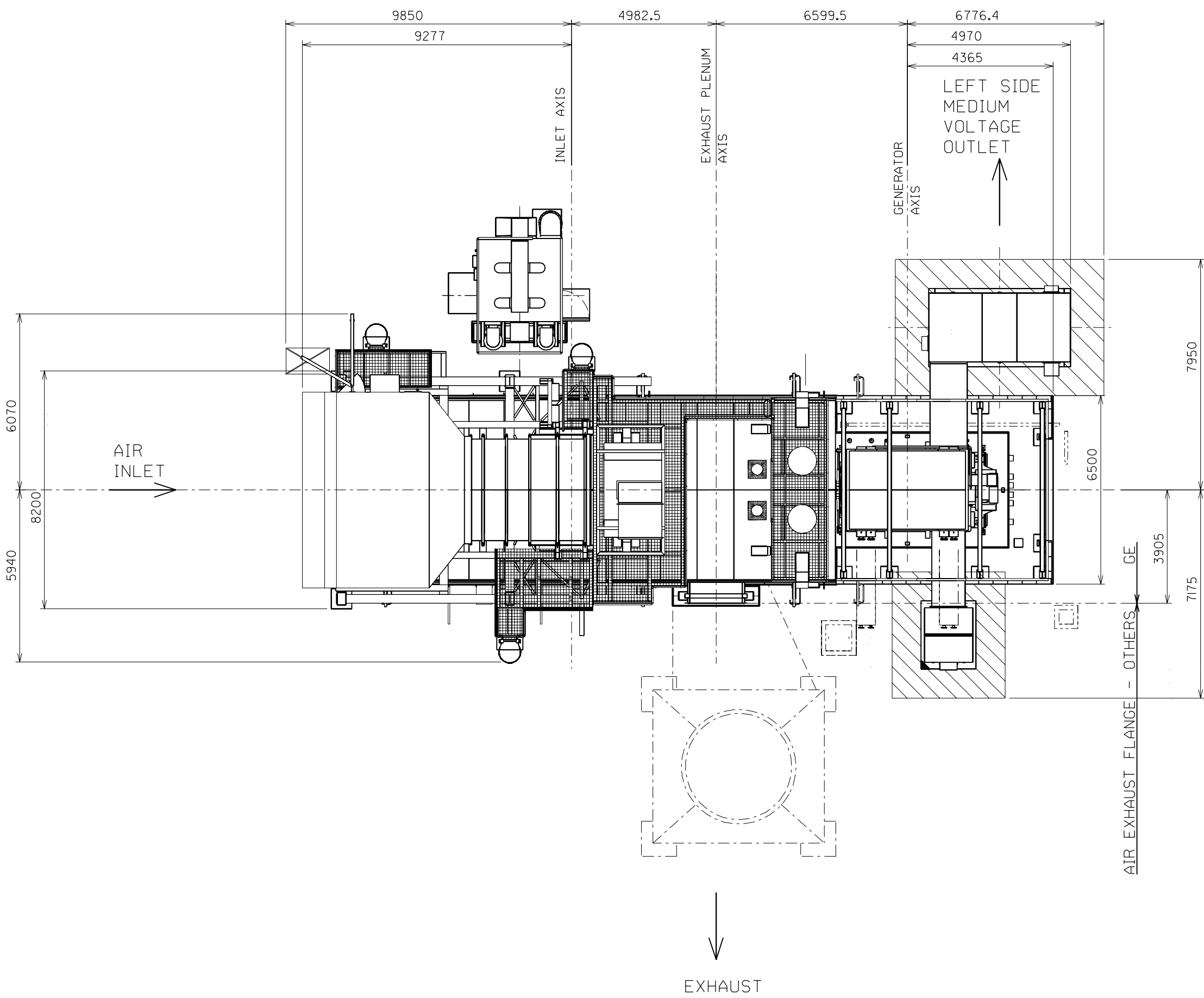
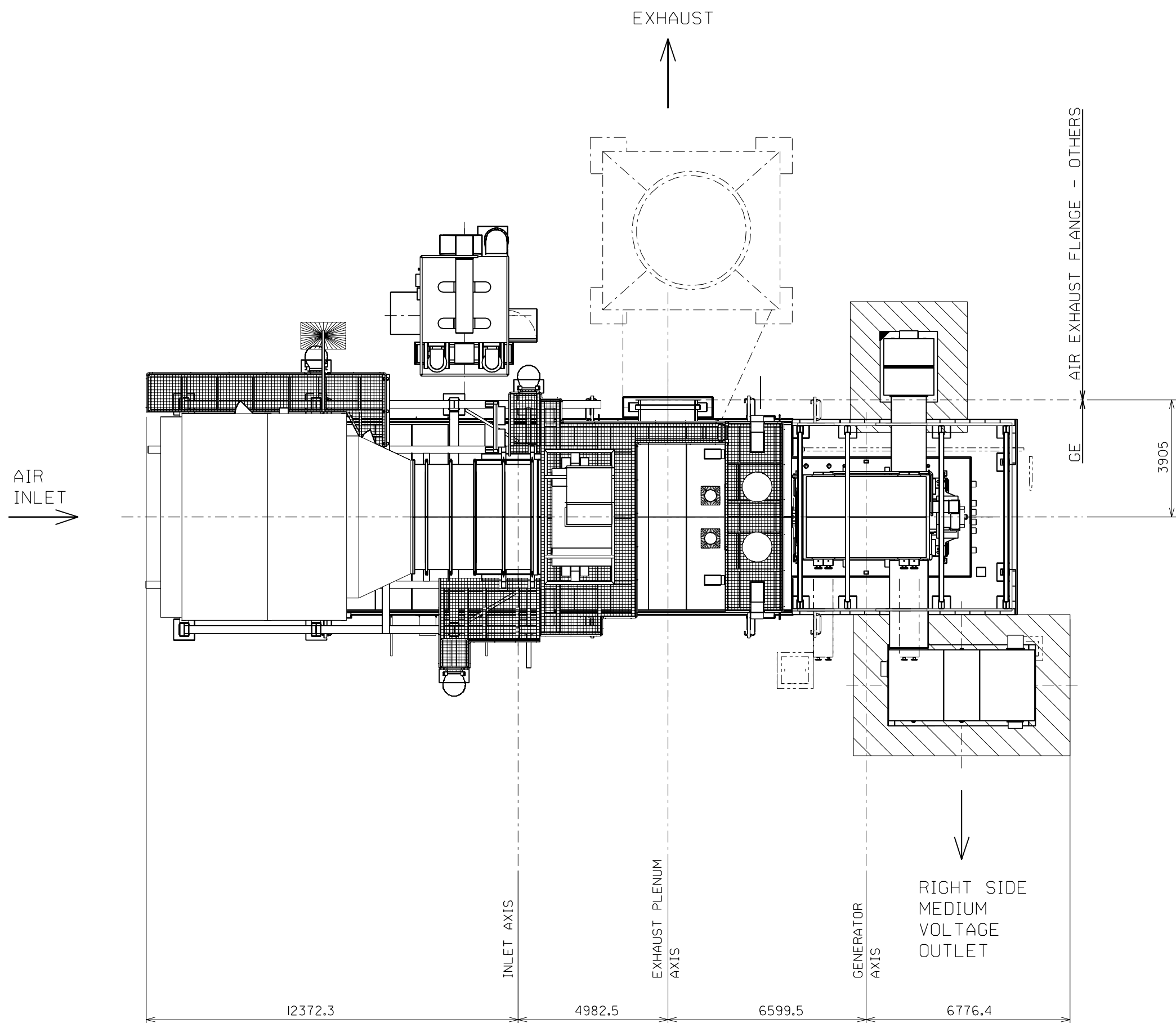


NOTES:

1. THIS DOCUMENT DON'T REFLECT THE SCOPE OF SUPPLY OF THE OFFER, THIS DOCUMENT AIMS TO GIVE BASIC INFORMATION TO LOCATE THE AUXILIARIES EQUIPMENT IN GE'S SCOPE AND TO PROVIDE GENERAL RECOMMENDATIONS FOR THE INSTALLATION OF EQUIPMENT DELIVERED BY THE CUSTOMER ;IT SHALL BE CONSIDERED AS A TOOL TO ALLOW THE CUSTOMER TO ACCOMMODATE THE ACTUAL SITE CONSTRAINTS AND THE SPECIFIC REQUIREMENTS WITHIN THE LIMITS SHOWN IN THE TABLE SHEET 3.
THE ARRANGEMENTS SHOWN ARE TYPICAL AND MAY BE MODIFIED BY GE WITHOUT NOTICE TO REFLECT THE LATEST DESIGN OF THE EQUIPMENT.
2. WHEN POSITIONING THE GAS TURBINE WITH THE STATION AND SURROUNDINGS, CONSIDERATION SHOULD BE GIVEN TO THE PREVAILING WINDS, TO MINIMIZE THE POSSIBILITY TO INTRODUCE EXHAUST GAS, EVENTUAL SEA WATER SPRAY, HOT OR WET AIR FROM COOLING SYSTEMS, COAL DUST OR ALIKE
3. UNLESS OTHERWISE SPECIFIED, CUSTOMER EQUIPMENT SHALL BE LOCATED AT A MINIMUM OF 1200 mm FROM GE ONES, TO ENSURE ADEQUATE VENTILATION AND EQUIPMENT ACCESSIBILITY.
4. UNLESS CLEARLY SPECIFIED IN THE OFFER, THE EQUIPMENT FROM THE GE SCOPE SHALL NOT BE INSTALLED IN AN EXISTING HAZARDOUS AREA.
5. FOR ENVIRONMETAL CONSIDERATIONS, GE RECOMMEND THE ARRANGEMENT OF SECONDARY CONTAINMENTS AROUND EACH EQUIPEMENT CONTAINING FUEL OIL, LUBE OIL, WATER AND ANTI FREEZE OR DETERGENT MIX, OR ANY OTHER HAZARDOUS PRODUCT. IN GENERAL, THE CONTAINMENTS ARE CONCRETE DIKS SIZED ACCORDING TO THE VOLUME OF THE POTENTIAL SPILLAGE, THE CONTAINMENT AREA MUST BE ADJUSTED TO MEET LOCAL REGULATORY REQUIREMENTS AS NECESSARY.
6. MAINTENANCE AREA ARE TYPICAL AND SHALL BE DESIGNED TO THE ACTUAL LIFTING MEANS.
7. THE PLANT ACCESS AREA DESIGN SHALL CONSIDER THE MAIN PACKAGES TRAILERS.
8. GT EXHAUST INTERFACE FEATURES, SEE SPECIFICATION 9I-463714.
9. DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE SPECIFIED.
10. REFERENCE LEVEL DEFINITION :SEE SHEET 2/4, F-14 LOCATION.



TOP VIEW WITH BASIC SCOPE ARRANGEMENT
(SELF CLEANING AIR INLET FILTER
AIR EXHAUST ON THE RIGHT SIDE
POWER EXHAUST ON LEFT SIDE)



TOP VIEW WITH OPTIONAL SCOPE ARRANGEMENT
(STATIC AIR INLET FILTER
AIR EXHAUST ON THE LEFT SIDE
POWER EXHAUST ON RIGHT SIDE
ALL OPTIONS ARE INDEPENDENT)

PROPOSAL LAYOUT
6 B

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TITRE/TITLE

GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE,
TYPICAL ARRANGEMENTS

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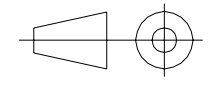
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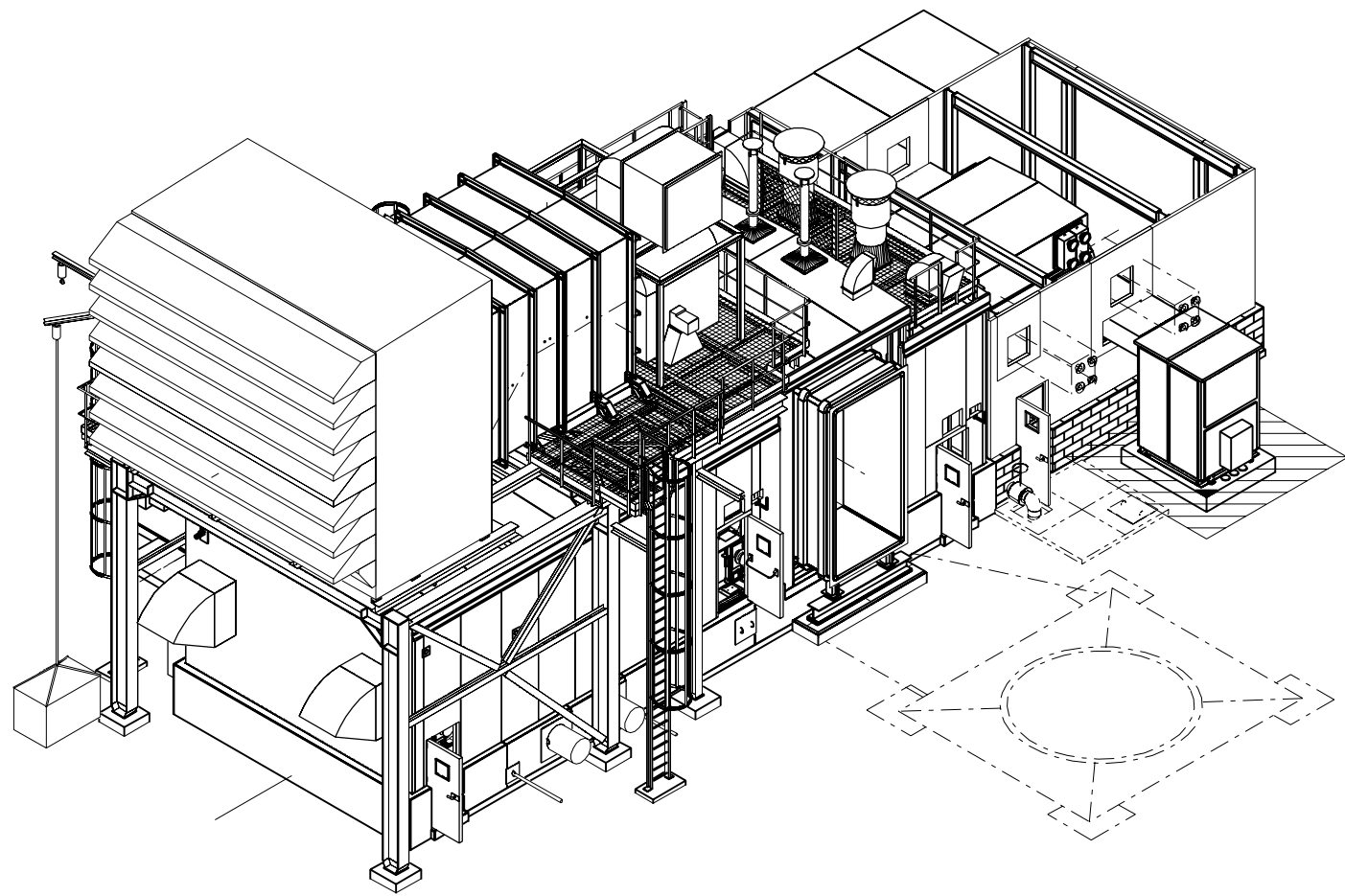
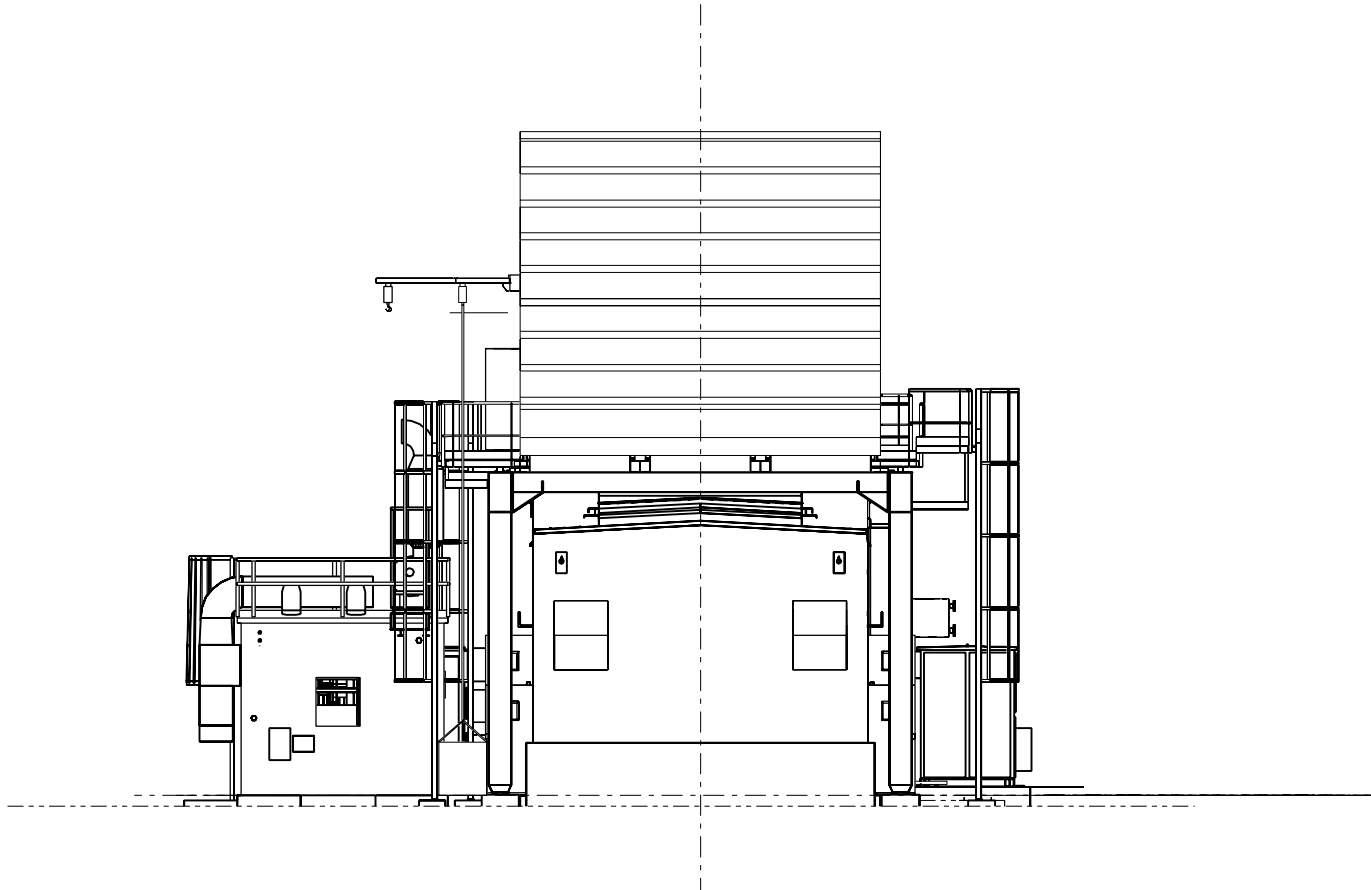
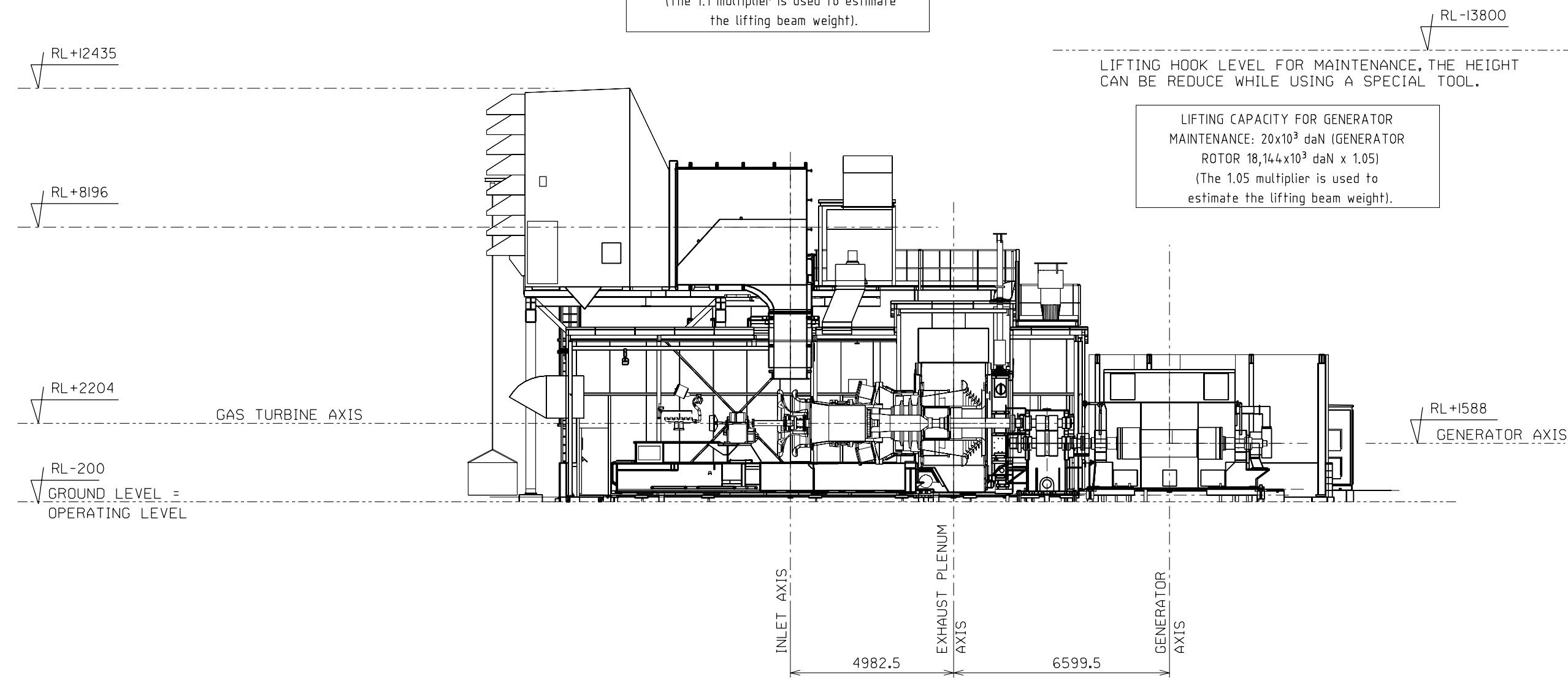
Projection
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TOP VIEW WITH BASIC SCOPE ARRANGEMENT
(SELF CLEANING AIR INLET FILTER
AIR EXHAUST ON THE RIGHT SIDE
POWER EXHAUST ON LEFT SIDE)

LIFTING CAPACITY FOR GAS TURBINE
MAINTENANCE: 12.5x10³ daN (GAS TURBINE
ROTOR 11.363x10³ daN x 1.1 + RIGGING)
(The 1.1 multiplier is used to estimate
the lifting beam weight).

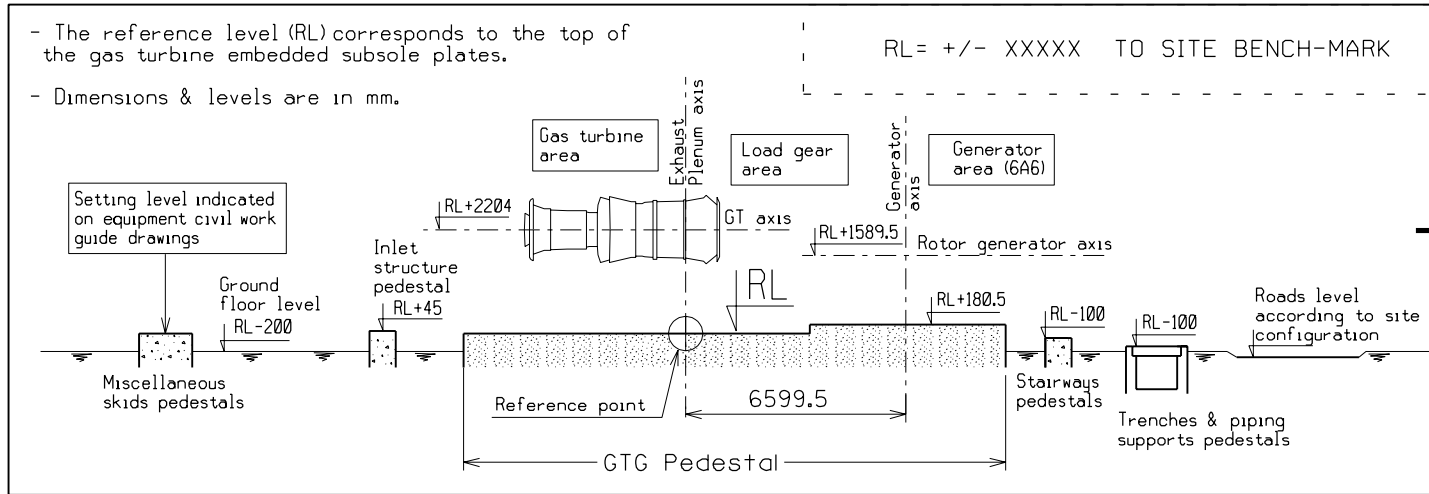
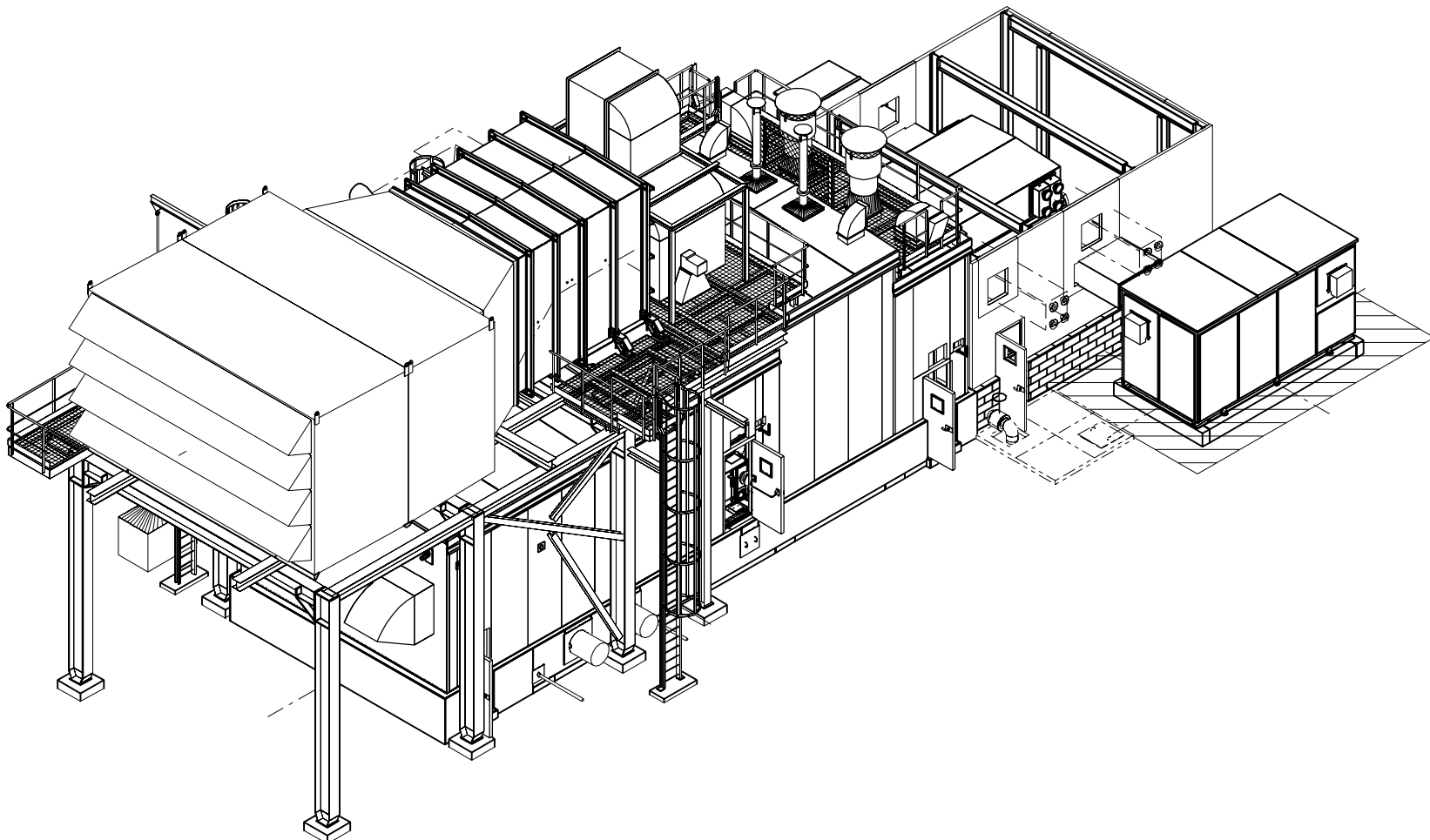
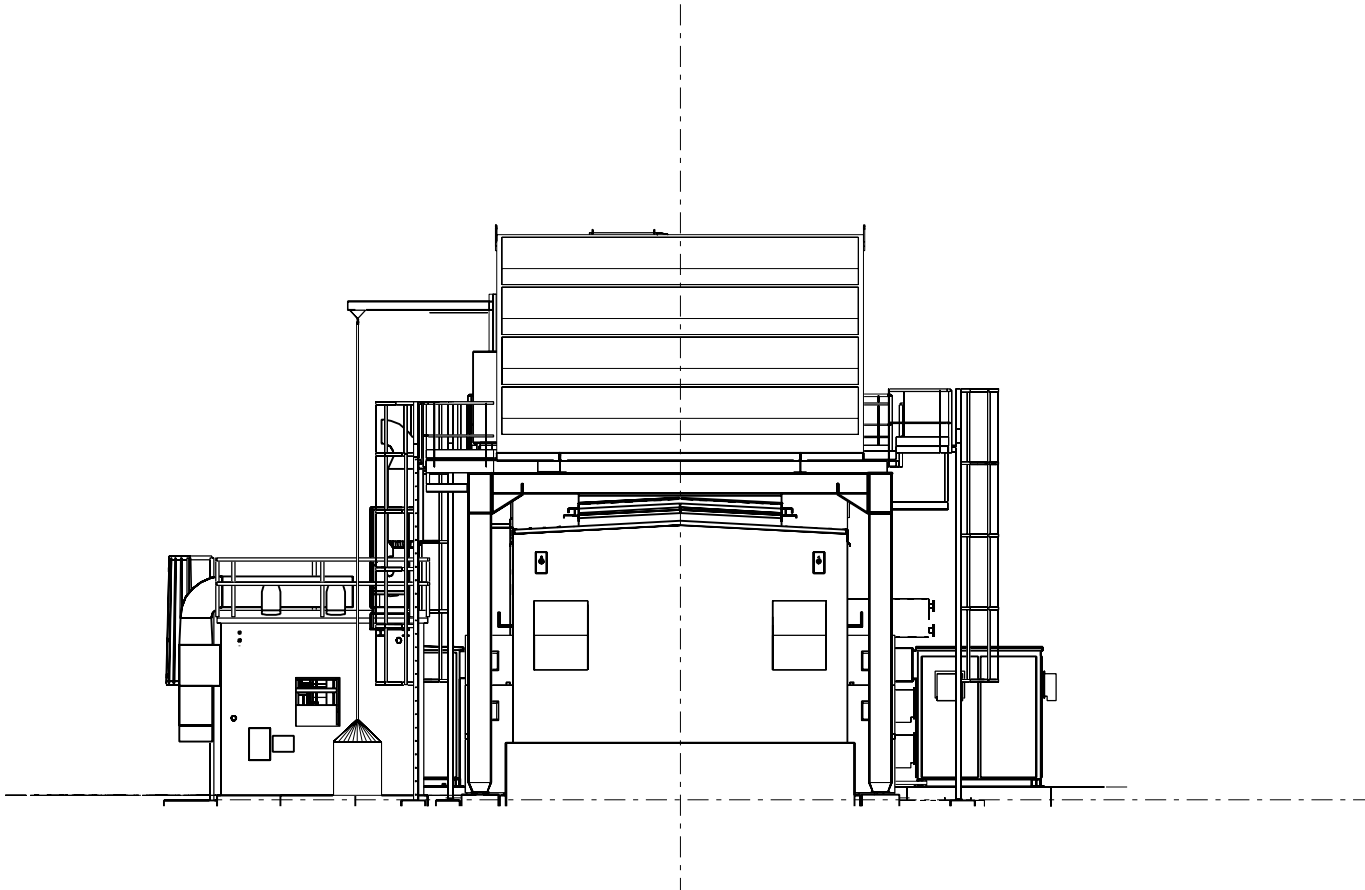
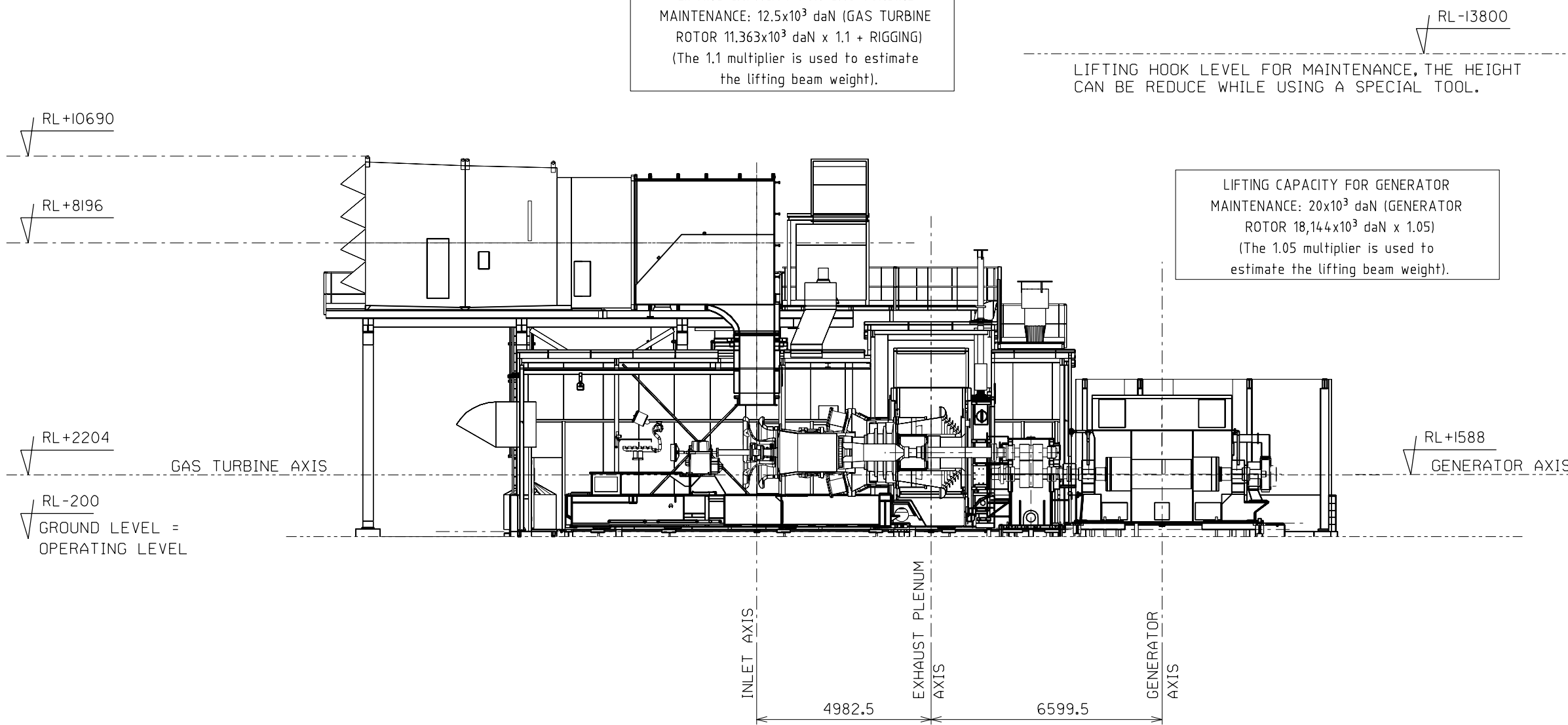
LIFTING CAPACITY FOR GENERATOR
MAINTENANCE: 20x10³ daN (GENERATOR
ROTOR 18.144x10³ daN x 1.05)
(The 1.05 multiplier is used to estimate
the lifting beam weight).



TOP VIEW WITH OPTIONAL SCOPE ARRANGEMENT
(STATIC AIR INLET FILTER
AIR EXHAUST ON THE LEFT SIDE
POWER EXHAUST ON RIGHT SIDE
ALL OPTIONS ARE INDEPENDENT)

LIFTING CAPACITY FOR GAS TURBINE
MAINTENANCE: 12.5x10³ daN (GAS TURBINE
ROTOR 11.363x10³ daN x 1.1 + RIGGING)
(The 1.1 multiplier is used to estimate
the lifting beam weight).

LIFTING CAPACITY FOR GENERATOR
MAINTENANCE: 20x10³ daN (GENERATOR
ROTOR 18.144x10³ daN x 1.05)
(The 1.05 multiplier is used to estimate
the lifting beam weight).



PROPOSAL LAYOUT
6 B

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TITRE/TITLE
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TYPICAL ARRANGEMENTS

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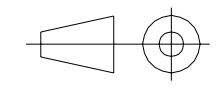
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ITEM	DESIGNATION	BASIC SCOPE	OPTIONAL SCOPE	LENGTH	WIDTH	HEIGHT FROM PEDESTAL	WEIGHT (x 10³ N)	POSSIBLE RELOCATION FROM POSITION SHOWN			
								X mini	X maxi	Y mini	Y maxi
1	MOBILE CRANE GENERATOR AREA	NA	NA	NA	NA	NA	NA				
2	GENERATOR ROTOR DISMANTLING AREA	NA	NA	NA	NA	NA	NA				
43	EXHAUST STACK	NA	NA	NA	NA	NA	NA				
100	GAS TURBINE WITH ACOUSTIC ENCLOSURE	YES	YES	17000 mm	7000 mm	6200 mm	225 GT+AUX				
240	CO2 BOTTLES RACK UNDER SHELTER	YES	NO	8500 mm	1300 mm	2400 mm	11.5	- 80 m	+ 50 m	- 70 m	+ 80 m
240	CO2 BOTTLES CONTAINER	NO	YES	12600 mm	2790 mm	2650 mm	18	0 m	+ 80 m	- 70 m	+ 80 m
270	SUMP TANK	NO	YES	1951 mm	1951 mm	2970 mm	1.8	0 m	+ 20 m	- 30 m	+ 20 m
280	COMPRESSOR WASHING SKID	YES	YES	4550 mm	2250 mm	2400 mm	12.42	- 60 m	+ 80 m	- 80 m	+ 70 m
422a	EXHAUST EMPTY DUCT	YES	YES	NA	NA	NA	NA				
510	TEWAC GENERATOR	YES	YES	5347 mm	2766 mm	3350 mm	76.6				
543	GENERATOR NEUTRAL ACCESSORY COMPARTMENT (GNAC)	YES	YES	2350 mm	1900 mm	2640 mm	20				
550	GENERATOR MEDIUM VOLTAGE CELL	YES	YES	4900 mm	2700 mm	2675 mm	4.5				
811	FIN FAN COOLER	YES	NO	13200 mm	5100 mm	3700 mm	22.5	- 80 m	+ 100 m	- 80 m	+ 80 m
812	WATER TO WATER HEAT EXCHANGERS	NO	YES	4000 mm	2000 mm	2500 mm	3	- 80 m	+ 100 m	- 80 m	+ 80 m
812a	WATER COOLING PUMPS	NO	YES	4850 mm	2250 mm	1900 mm	4.9	- 80 m	+ 100 m	- 80 m	+ 80 m
812b	EXPANSION TANK	NO	YES	1500 mm	1100 mm	8300 mm	0.7	- 80 m	+ 100 m	- 80 m	+ 80 m
0639	FUEL GAS FLOWMETER (DP see sheet 3, B-14)	YES	YES	3000 mm	1700 mm	1500 mm	0.9				
0991	GAS MODULE	YES	YES	3000 mm	4200 mm	3470 mm	10.5				
2C1	LIGHT DISTILLATE FUEL OIL FORWARDING SKID	NO	YES	2400 mm	1500 mm	1250 mm	1.5				
2D1	LIGHT DISTILLATE FUEL OIL FILTERING SKID	NO	YES	1900 mm	1500 mm	2560 mm	1.5	- 50 m	+ 80 m	- 80 m	+ 80 m
2G0	FUEL GAS COALESCING FILTERS (2X100%, DP see sheet 3, B-14)	YES	YES	3300 mm	3100 mm	4000 mm	5.5				
2G0b	FUEL GAS SAFETY SHUT OFF VALVE (SSOV, DP see sheet 3, B-14)	YES	YES	1800 mm	1500 mm	1500 mm	0.5				
2J0	GT AIR PROCESSING UNIT	YES	NO	3000 mm	2600 mm	2600 mm	2	- 10 m	+ 20 m	- 30 m	+ 30 m
A040	SELF CLEANING AIR FILTER (DP see sheet 3, B-14)	YES	NO	5800 mm	6750 mm	6200 mm	23				
A040	STATIC AIR FILTER (DP see sheet 3, B-14)	NO	YES	7700 mm	6900 mm	4420 mm	15				
A041	AIR INLET DUCT WITH SILENCER	YES	YES	3850 mm	4000 mm	6414 mm	10.7				
A980	AIR INLET SUPPORT STRUCTURE	YES	YES	11000 mm	10000 mm	6500 mm	20				
B10	PACKAGED ELECTRONIC & ELECTRICAL CONTROL CABINET (PEECC)	YES	IN BUILDING	12190 mm	2440 mm	2900 mm	15	- 60 m	+ 60 m	- 70 m	+ 60 m
C50c	FIRE HYDRANT	NO	NO	NA	NA	NA	NA				
D11	UNIT STEP UP TRANSFORMER	NO	NO	NA	NA	NA	NA				
DA2	STREET LAMP	NO	NO	NA	NA	NA	NA				
F10i	F10i WASHING WATER RECOVERY PIT	NO	NO	NA	NA	NA	NA	- 20 m	+ 20 m	- 20 m	+ 20 m
F10j	LUBE OIL SECONDARY CONTAINMENT	NO	NO	NA	NA	NA	NA	- 20 m	+ 20 m	- 20 m	+ 20 m
F10l	PIPING TRENCH	NO	NO	NA	NA	NA	NA				
F10m	ELECTRICAL TRENCH	NO	NO	NA	NA	NA	NA				

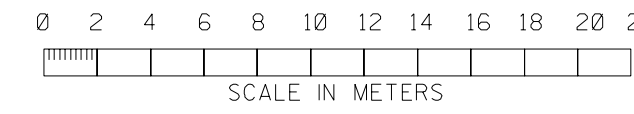
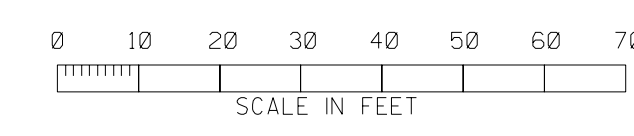
DP: DESIGN IS PRELIMINARY AND SUBJECT TO CHANGE
NA: NOT APPLICABLE
m: METER

HAZARDOUS AREA ACCORDING TO IEC AND API RP 505

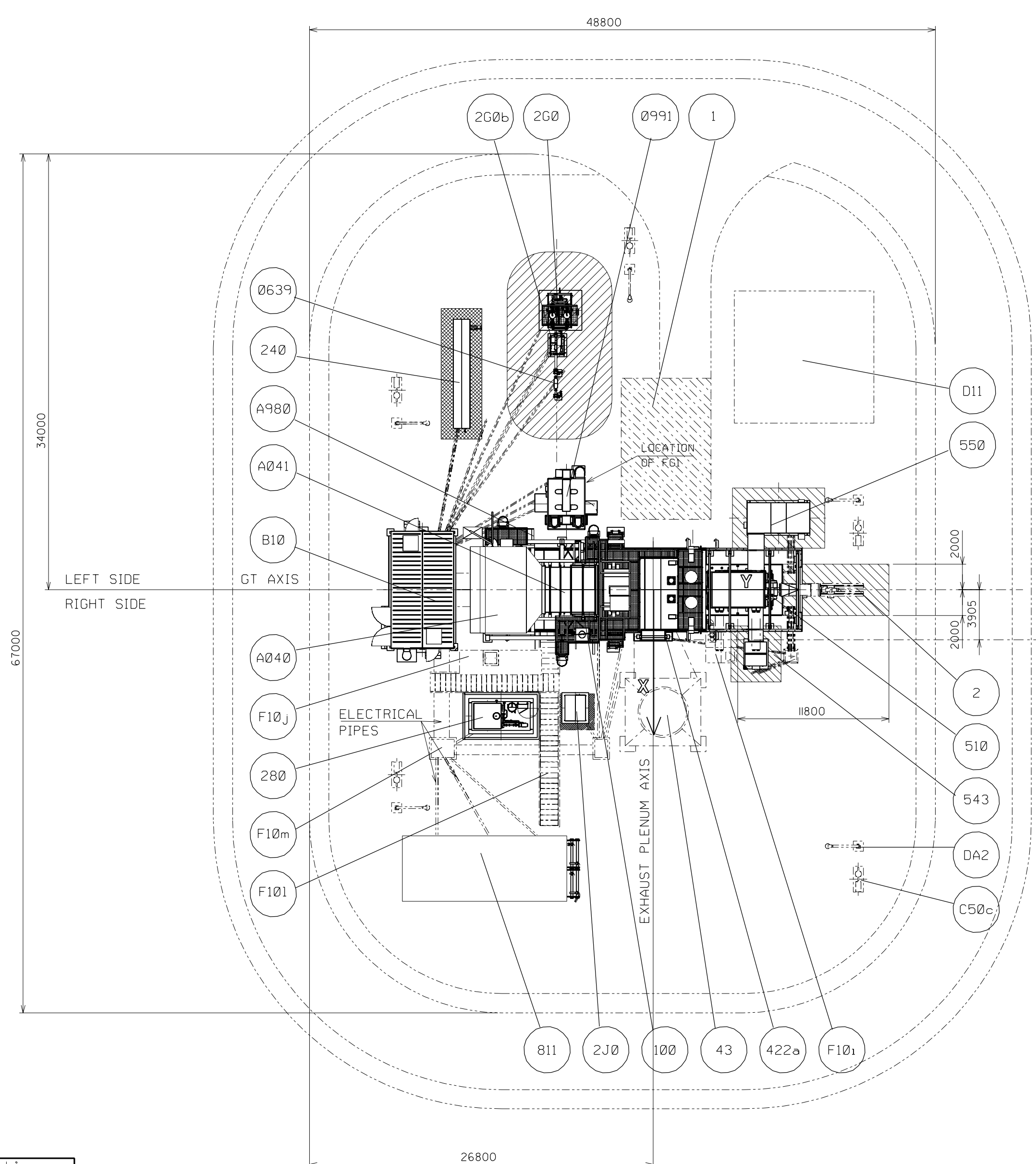
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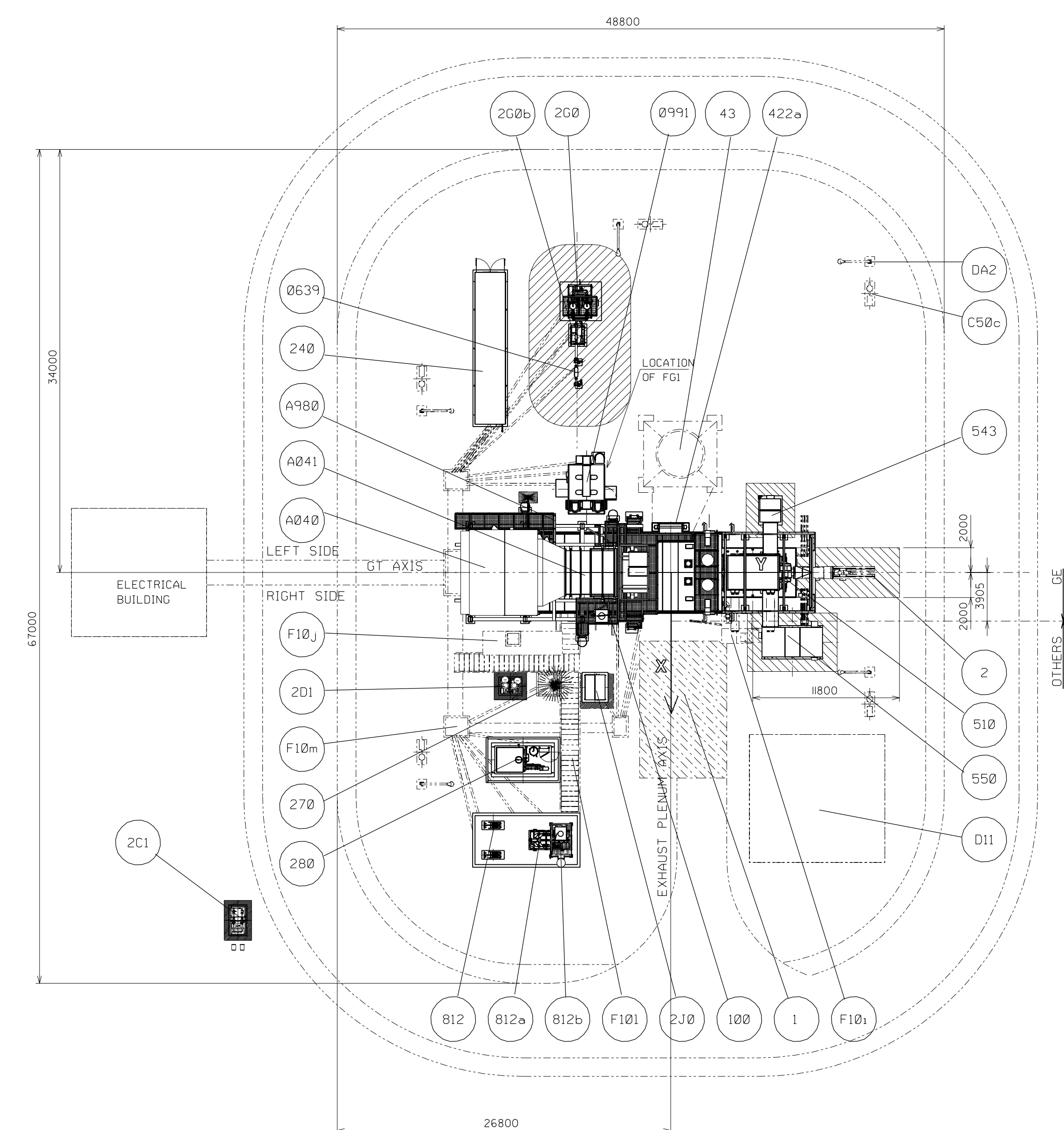
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TOP VIEW WITH BASIC SCOPE ARRANGEMENT
(SELF CLEANING AIR INLET FILTER
AIR EXHAUST ON THE RIGHT SIDE
POWER EXHAUST ON LEFT SIDE)



TOP VIEW WITH OPTIONAL SCOPE ARRANGEMENT
(STATIC AIR INLET FILTER
AIR EXHAUST ON THE LEFT SIDE
POWER EXHAUST ON RIGHT SIDE
ALL OPTIONS ARE INDEPENDENT)



PROPOSAL LAYOUT

6 B

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TITRE/TITLE
GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE,
TYPICAL ARRANGEMENTS

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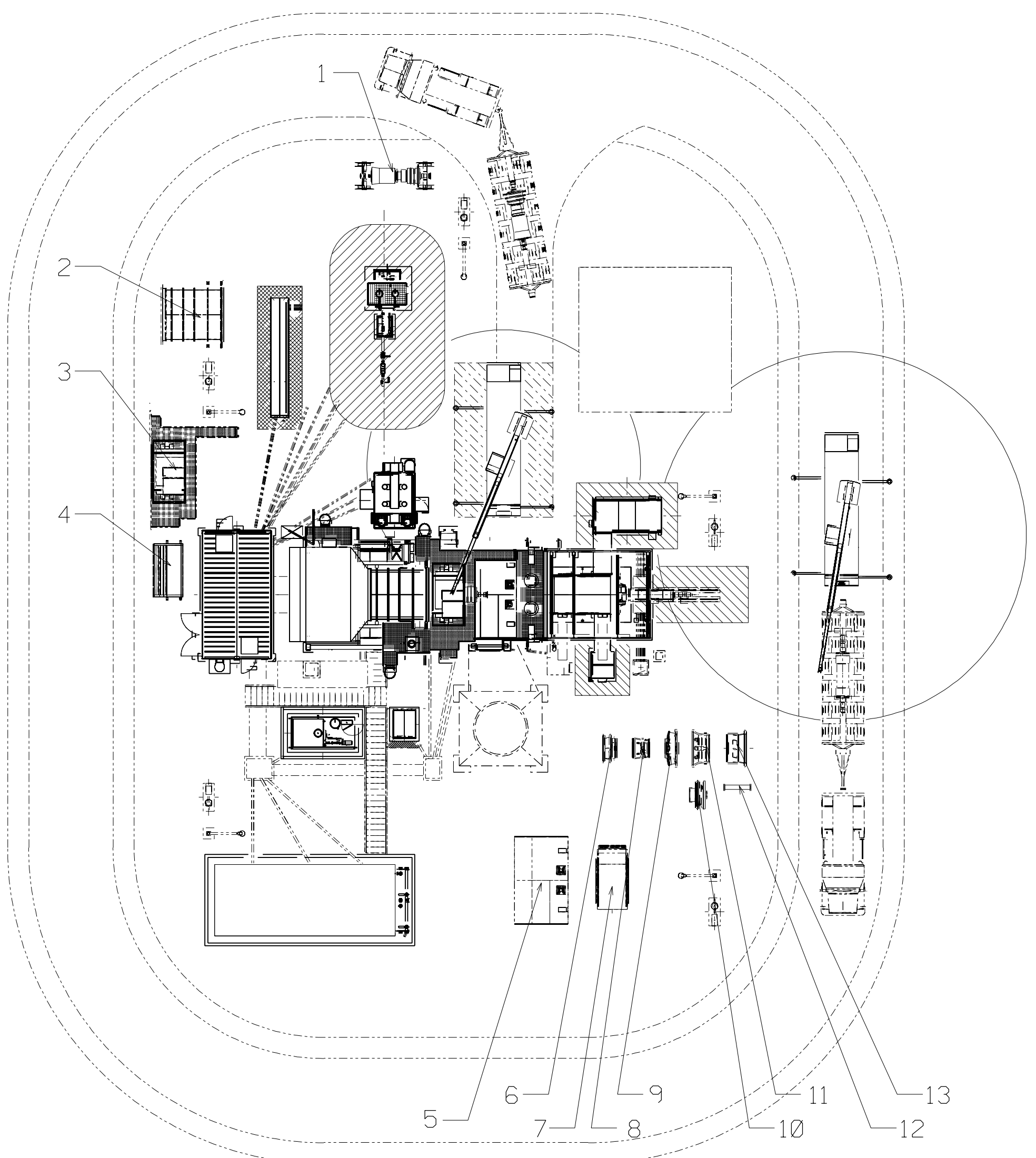
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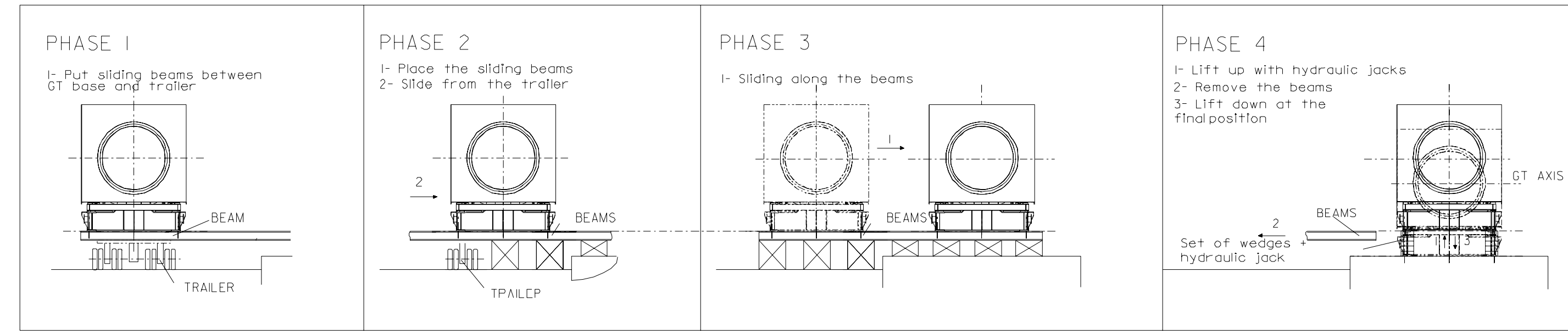
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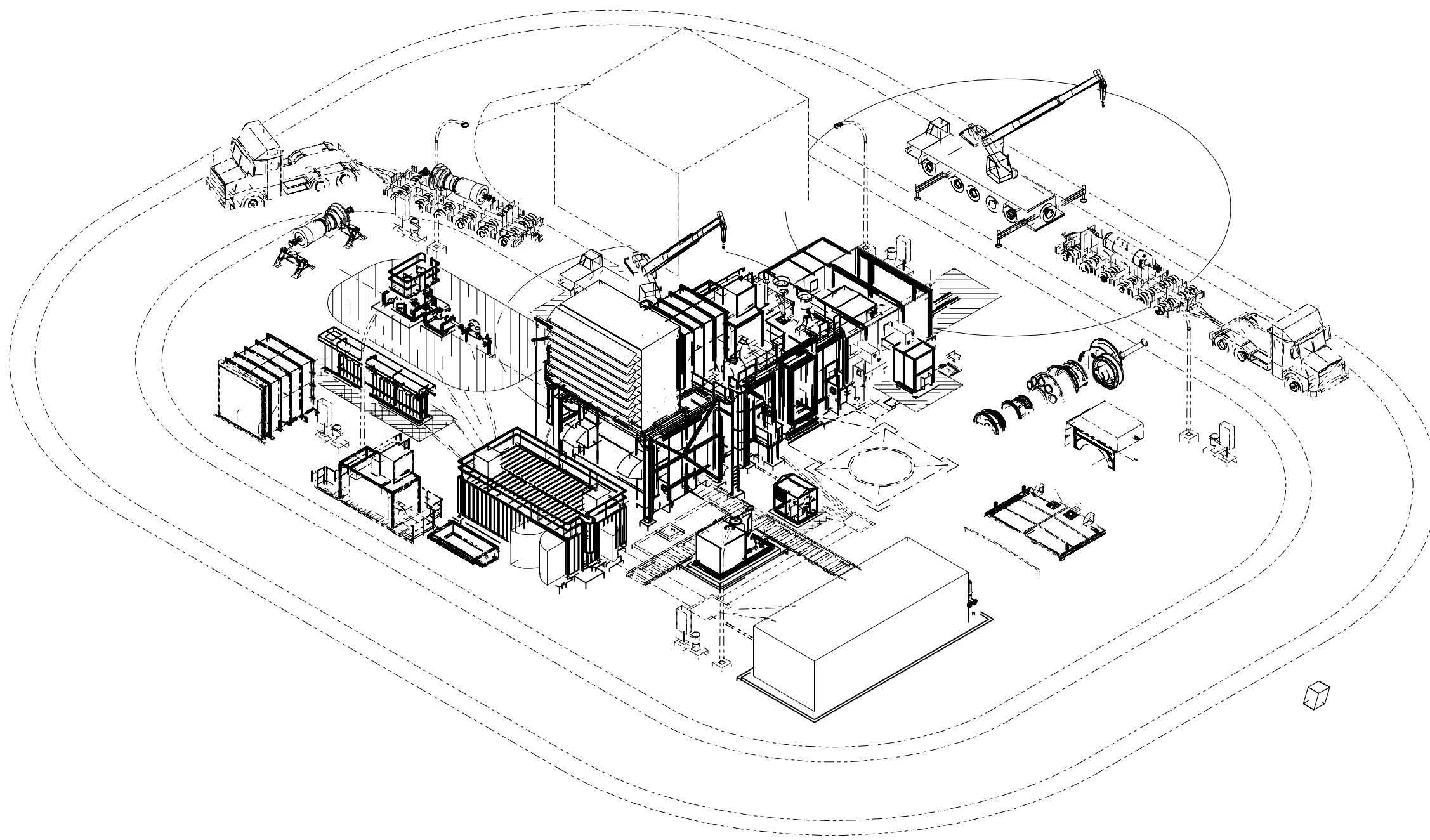
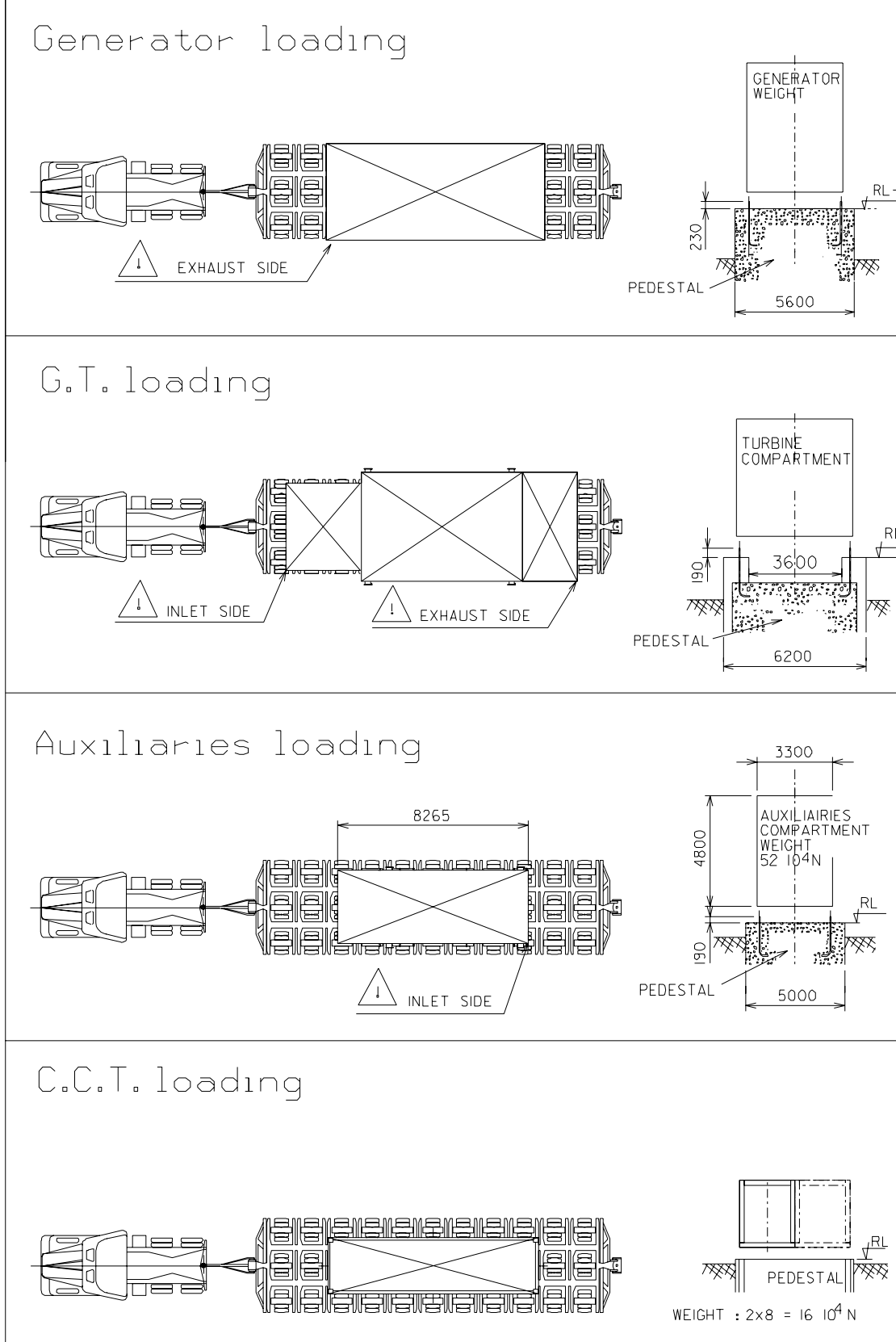


- 1 COMPLETE ROTOR WEIGHT=25000 LBS =11363 Kg
- 2 INLET DUCT
- 3 ACOUSTICAL PANEL WITH WALKWAY ON EXHAUST PLENUM
- 4 VERTICAL INLET DUCT
- 5 ACOUSTICAL PANEL WITH WALKWAY ON EXHAUST PLENUM
- 6 INLET CASING UPPER HALF=5500 LBS =2500 Kg
- 7 IGV CONTROL RING UPPER HALF=300 LBS =136 Kg
- 8 EXHAUST PLENUM
- 9 COMPRESSOR CASING UPPER HALF WEIGHT=3100 LBS =1409 Kg
- 10 COMPRESSOR DISCHARGE CASING UPPER HALF WEIGHT=6150 LBS =2814Kg
- 11 EXHAUST DIFFUSER WEIGHT=2400 LBS =1091 Kg
- 12 TG SHELL UPPER HALF WEIGHT=5500 LBS =2500Kg
- 13 XXXXXX
- 13 EXHAUST HOOD FRAME UPPER HALF WEIGHT=4970 LBS =2260 Kg

PRINCIPLE FOR PARCELS SLIDING ON THEIR PEDESTALS



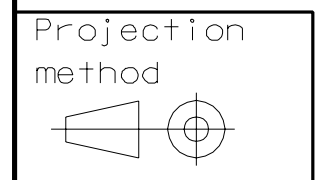
CONVOY ARRIVAL



PROPOSAL LAYOUT
6 B

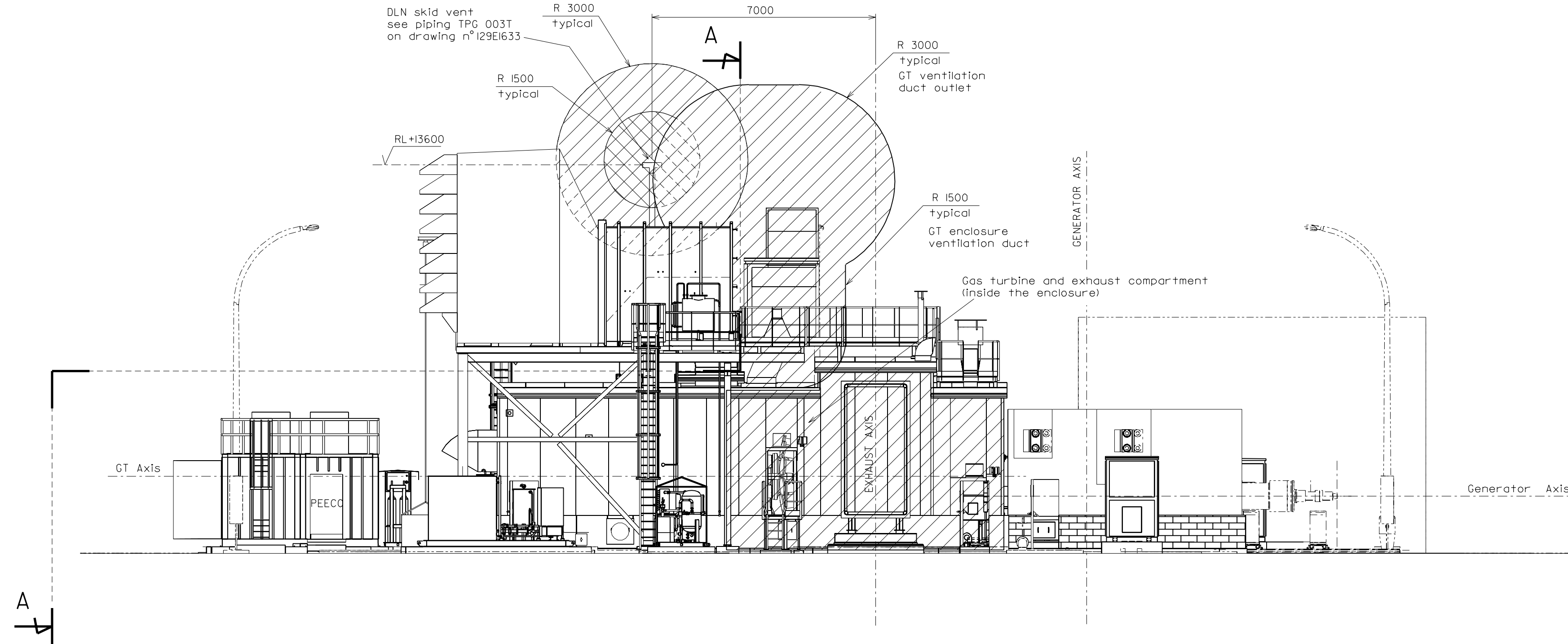
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GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE, TYPICAL ARRANGEMENTS MAINTENANCE			
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MAINTENANCE AREA ARE TYPICAL AND SHALL BE DESIGNED TO THE ACTUAL LIFTING MEANS



GT PARTIAL FRONT VIEW

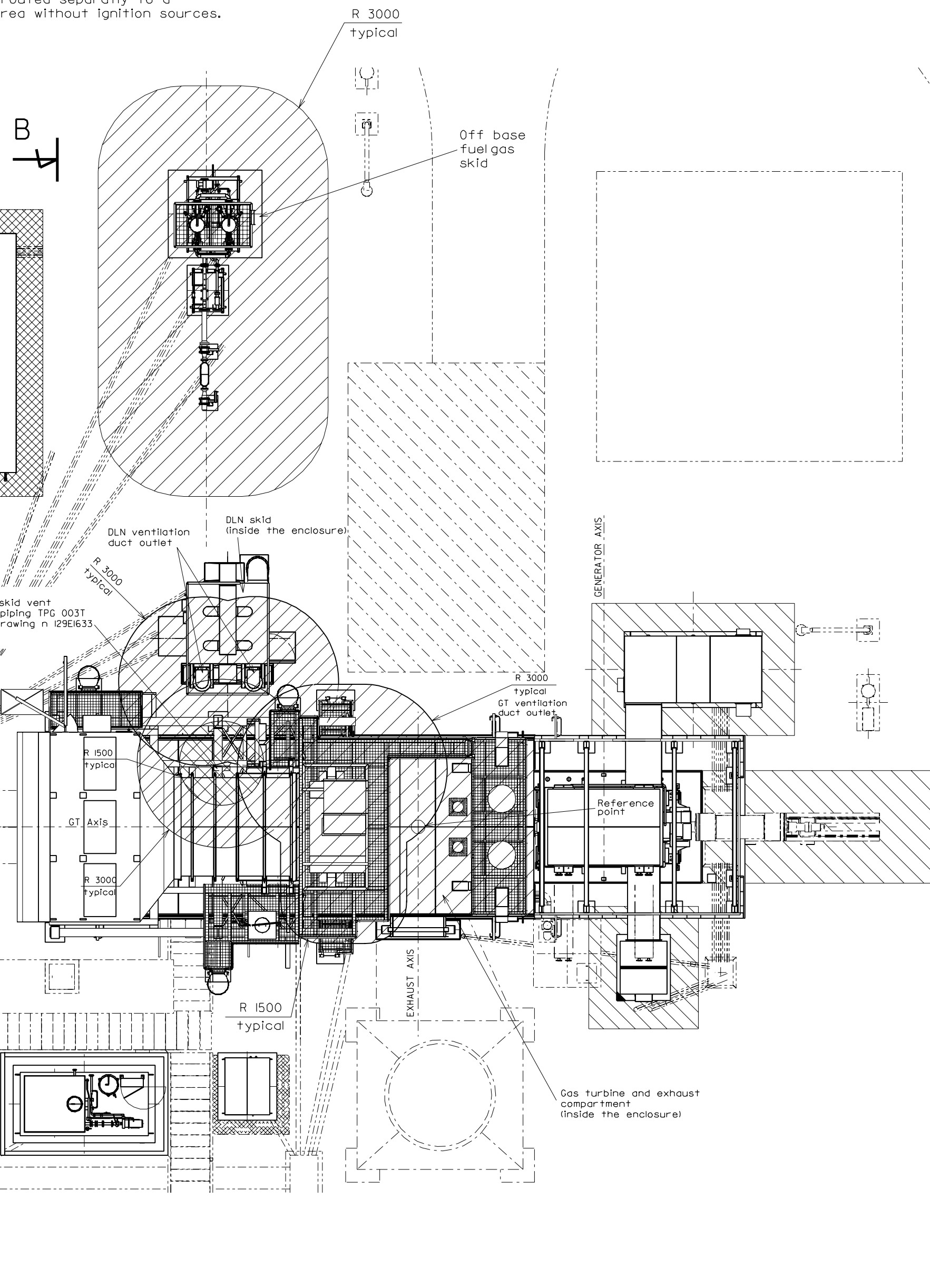
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GT PLAN VIEW

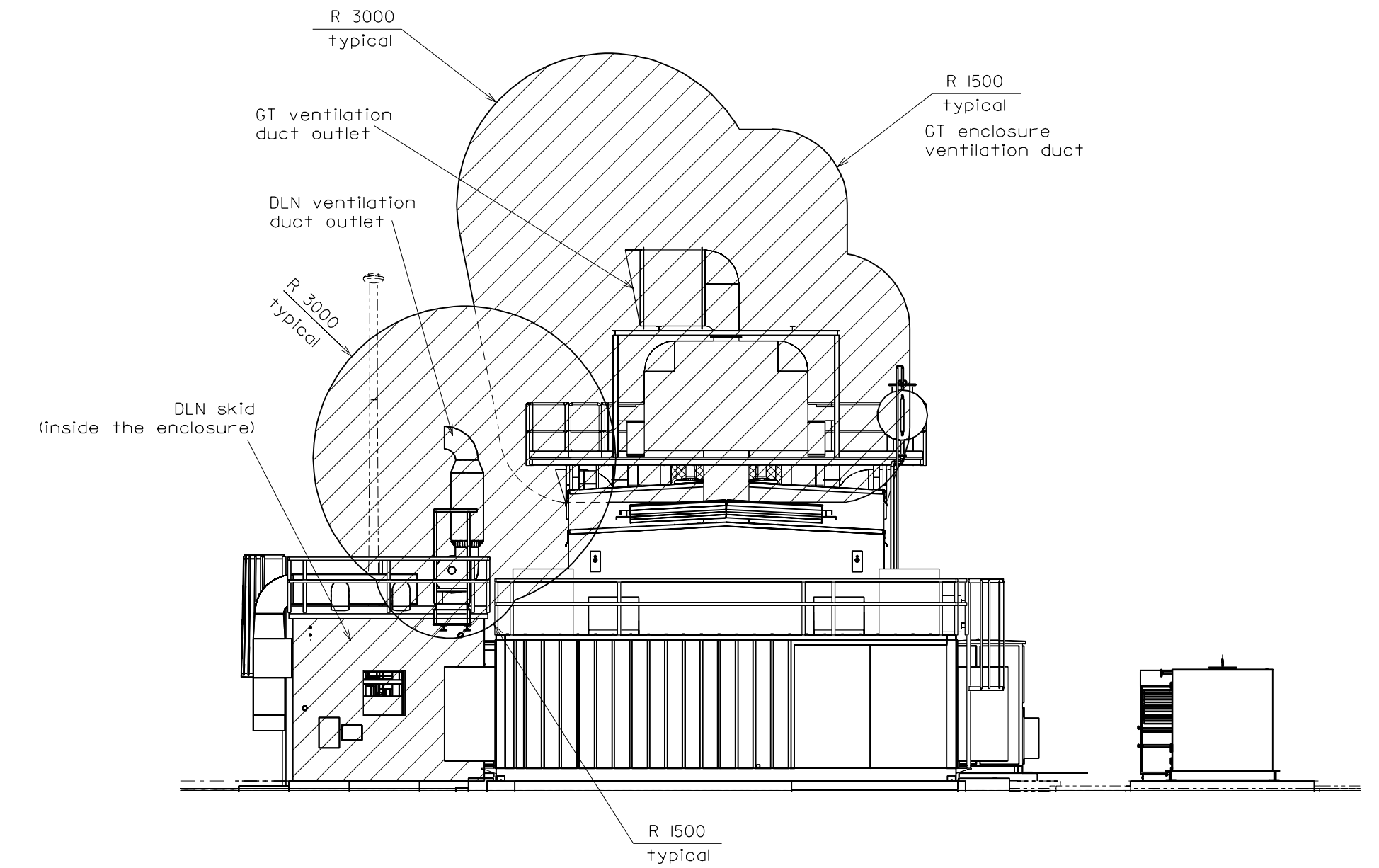
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Vent outlet will generate a zone 1 and zone 2 to be routed separately to a safe area without ignition sources.



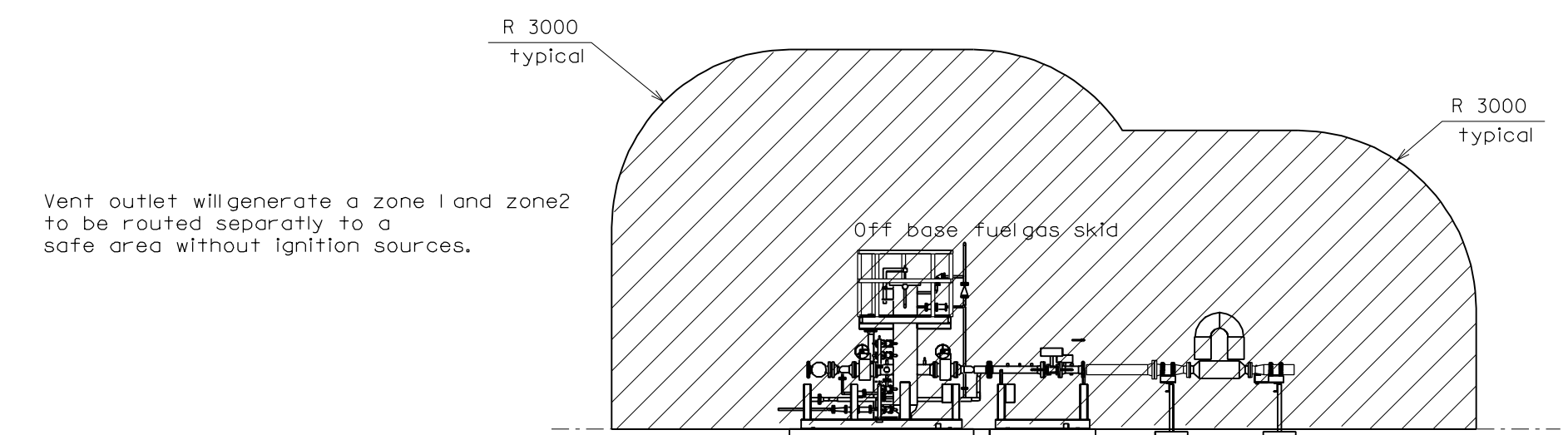
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Scale 1/75



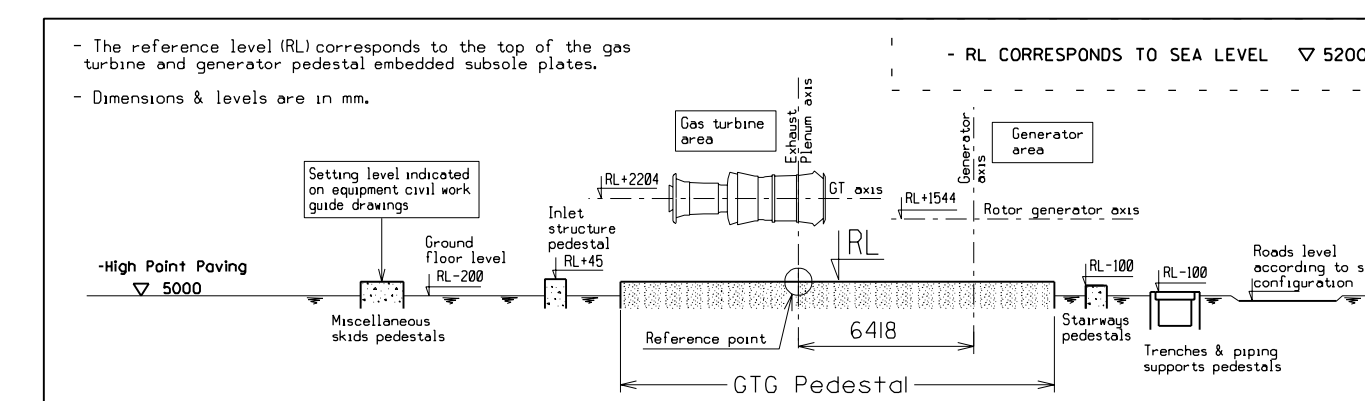
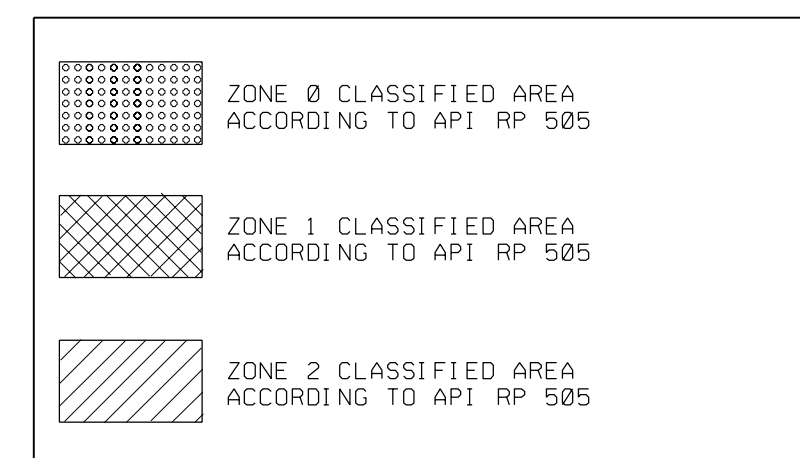
PARTIAL VIEW B

Scale 1/75



NOTES:

- * REFERENCE LEVEL (RL) CORRESPONDS TO THE TOP OF THE GAS TURBINE PEDESTAL EMBEDDED SUBSOLE PLATES.
- * DIMENSIONS AND LEVELS ARE IN MM.
- * MECHANICAL INTERFACE CONNECTIONS: SEE DRAWING 129E1534



PROPOSAL LAYOUT
6 B

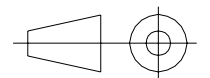
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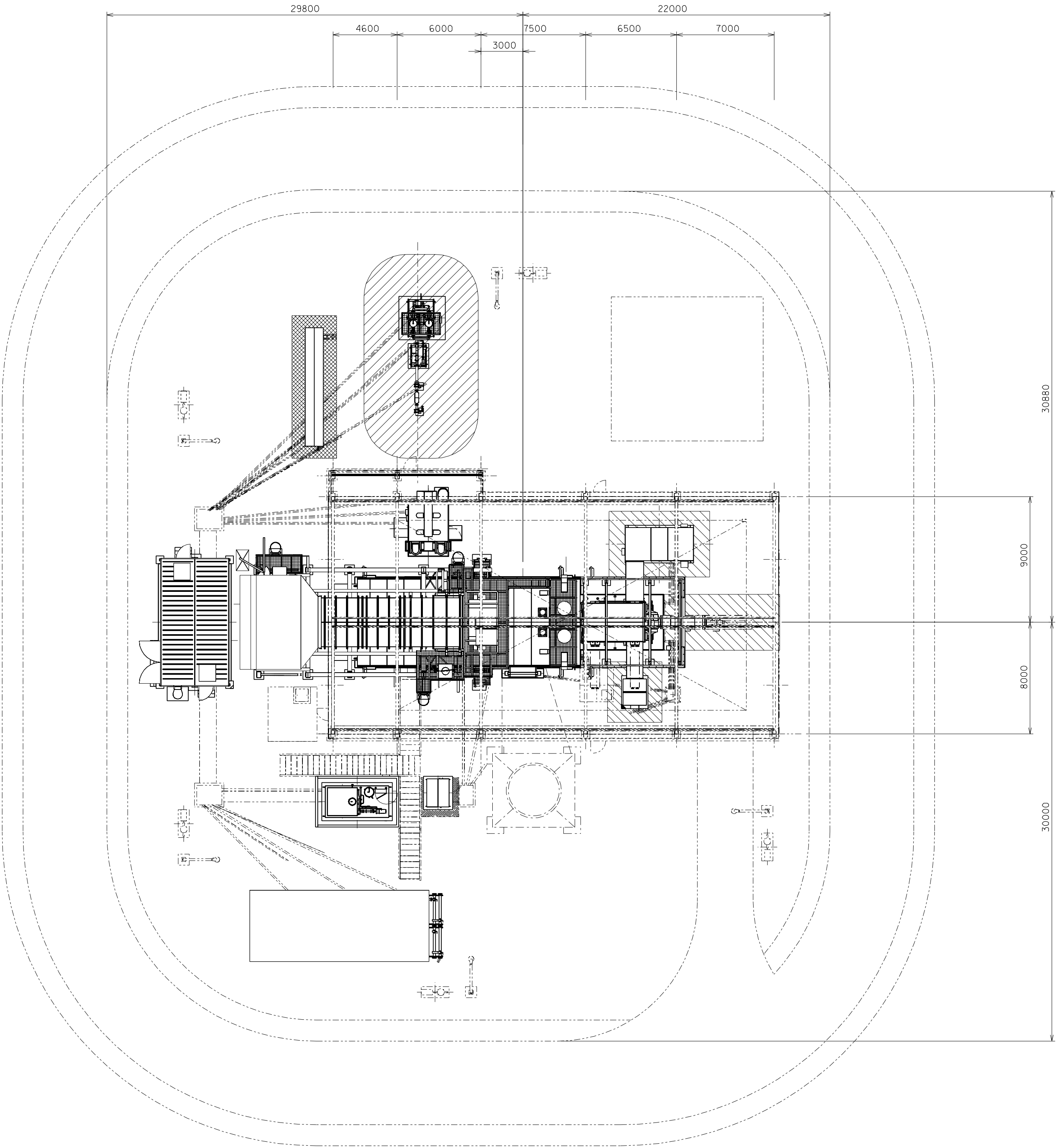
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GAS TURBINE & LOAD

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TOP VIEW WITH BASIC SCOPE ARRANGEMENT
(SELF CLEANING AIR INLET FILTER
AIR EXHAUST ON THE RIGHT SIDE
POWER EXHAUST ON LEFT SIDE)

PROPOSAL LAYOUT

6 B


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GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE,
ONE GAS TURBINE INDOOR
TYPICAL ARRANGEMENTS

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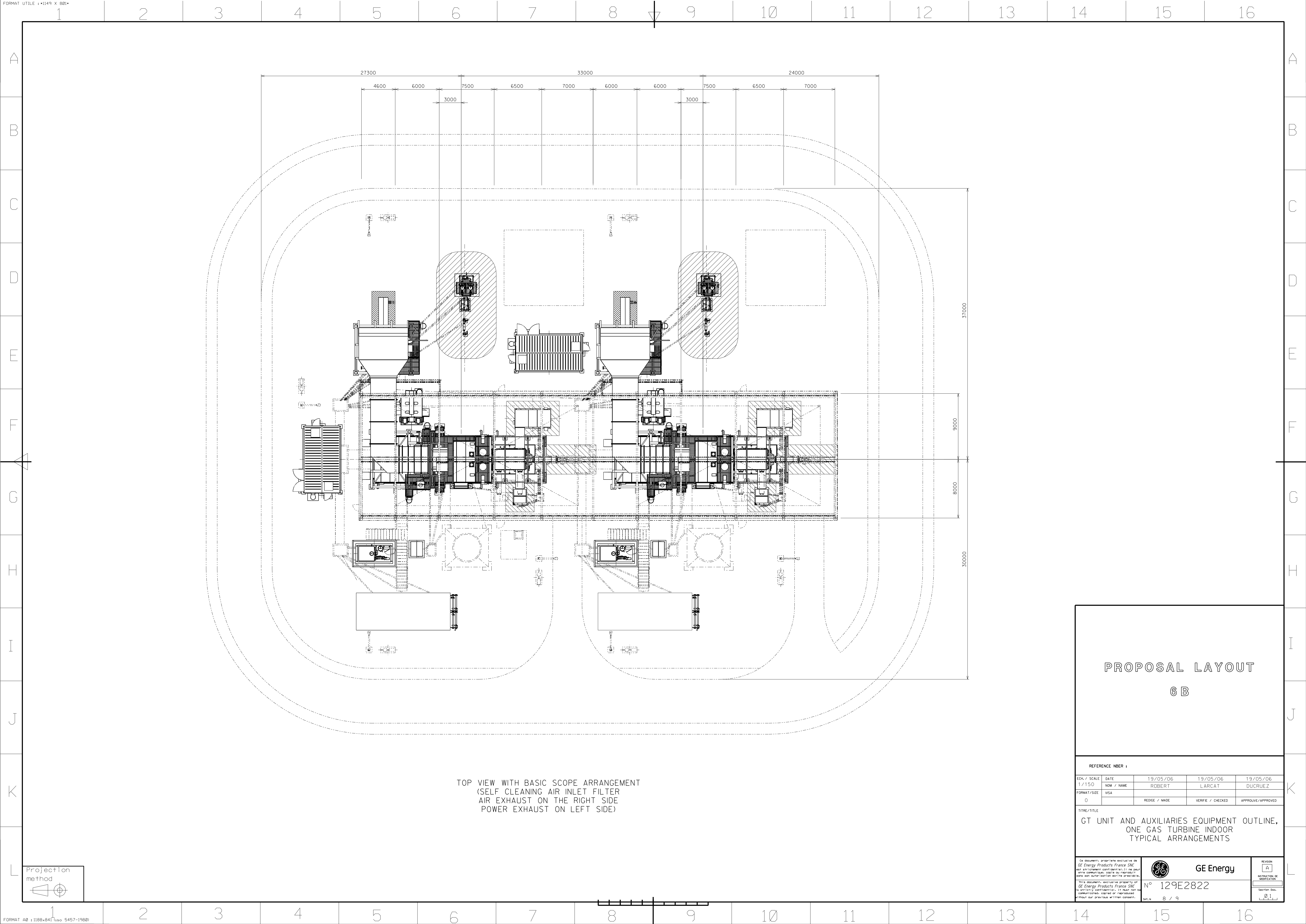
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TOP VIEW WITH BASIC SCOPE ARRANGEMENT
(SELF CLEANING AIR INLET FILTER
AIR EXHAUST ON THE RIGHT SIDE
POWER EXHAUST ON LEFT SIDE)

PROPOSAL LAYOUT
6 B

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TITRE/TITLE

GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE,
ONE GAS TURBINE INDOOR
TYPICAL ARRANGEMENTS

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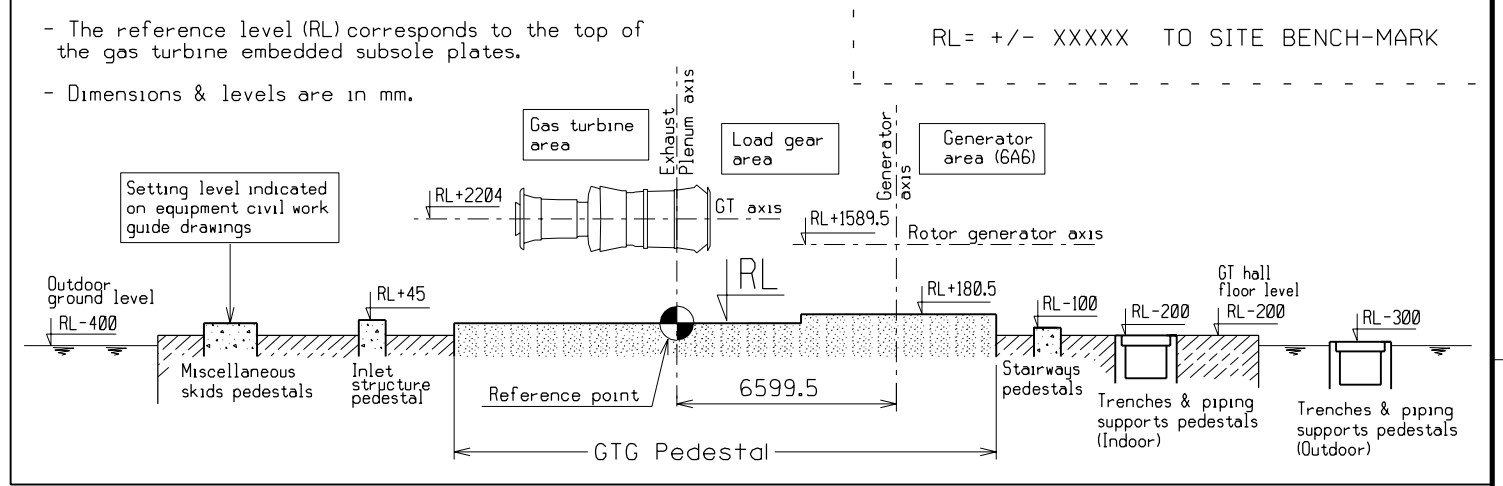
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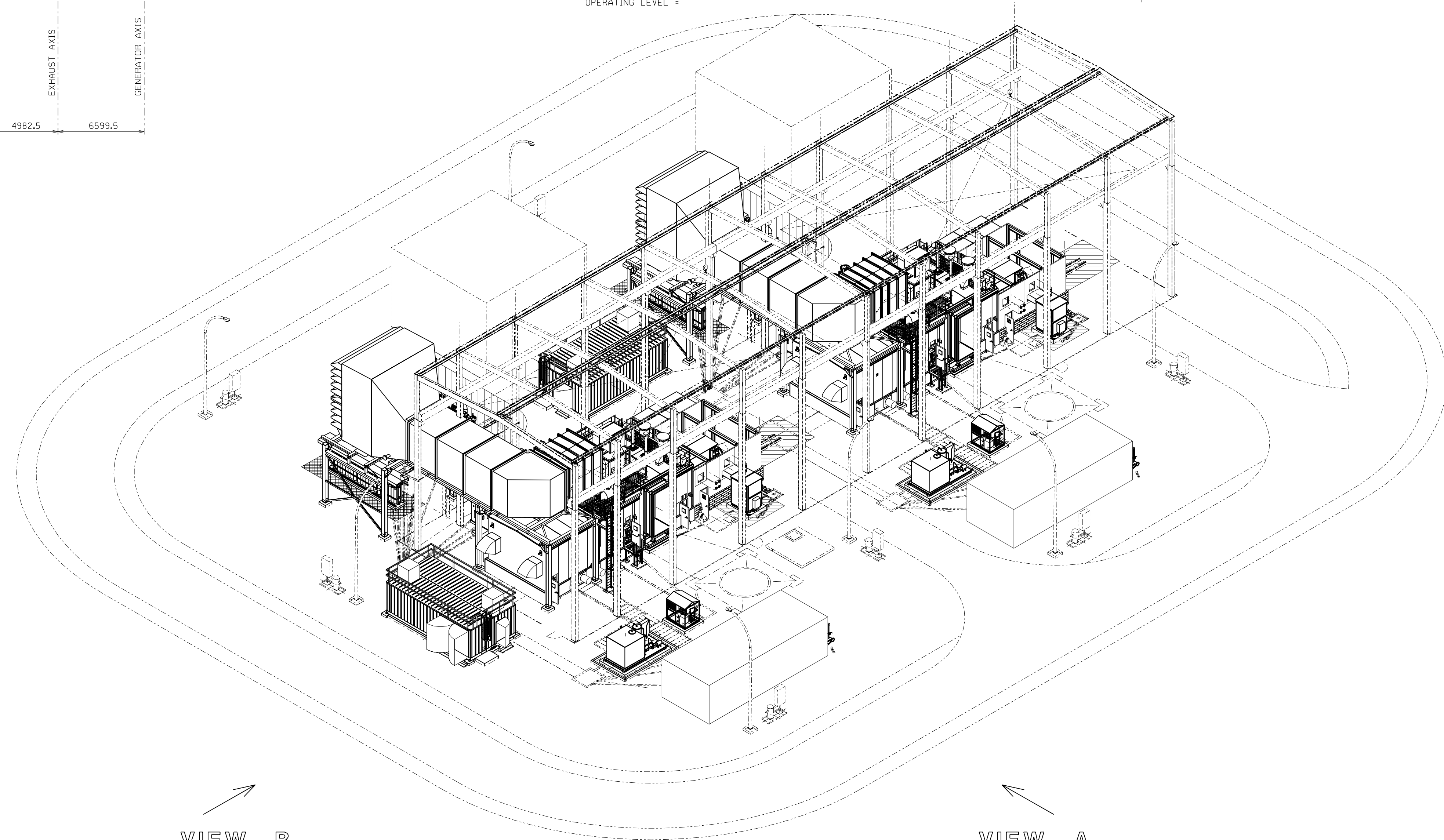
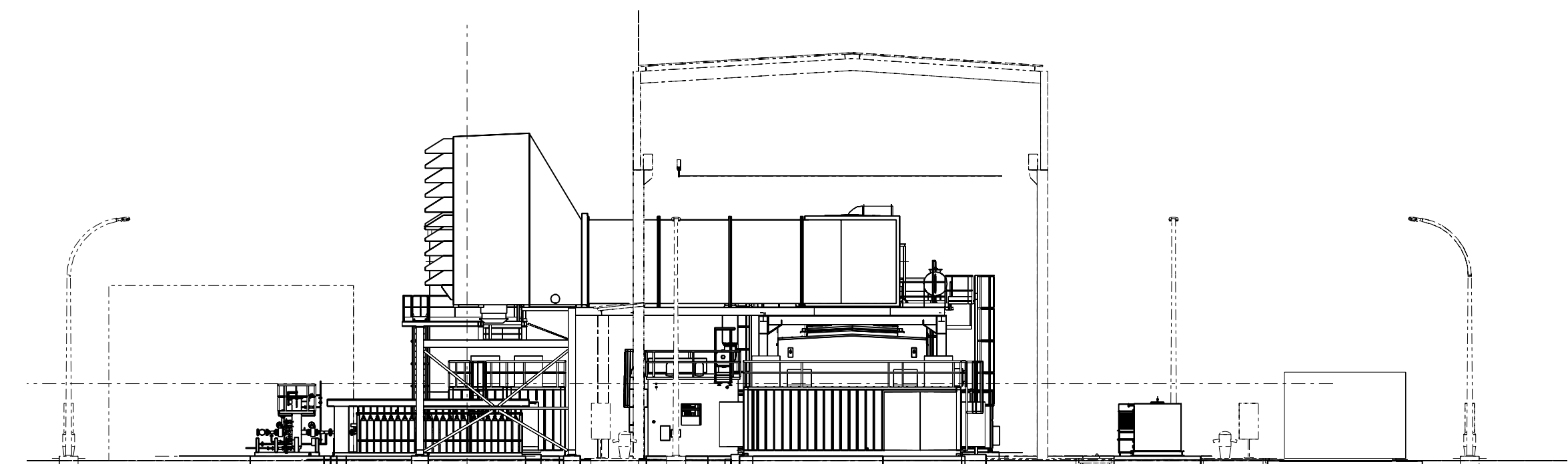
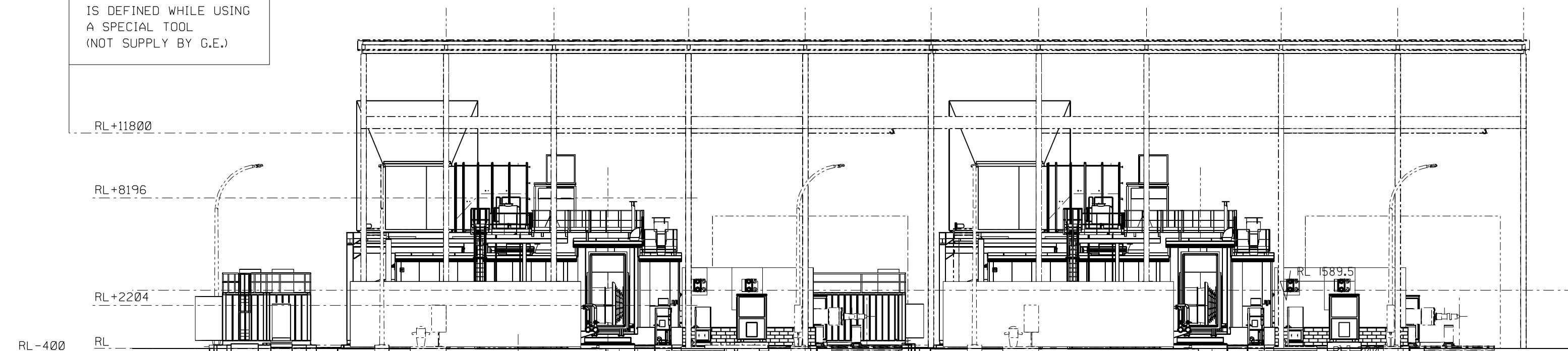
VIEW A

VIEW B

LIFTING HOOK LEVEL FOR MAINTENANCE, THE HEIGHT IS DEFINED WHILE USING A SPECIAL TOOL (NOT SUPPLY BY G.E.)

LIFTING CAPACITY FOR GAS TURBINE MAINTENANCE: 12.5x10³ daN (GAS TURBINE ROTOR 11.363x10³ daN x 1.1 + RIGGING) (The 1.1 multiplier is used to estimate the lifting beam weight).

LIFTING CAPACITY FOR GENERATOR MAINTENANCE: 20x10³ daN (GENERATOR ROTOR 18.144x10³ daN x 1.05) (The 1.05 multiplier is used to estimate the lifting beam weight).



PROPOSAL LAYOUT

6 B

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TITRE/TITLE

GT UNIT AND AUXILIARIES EQUIPMENT OUTLINE,
ONE GAS TURBINE INDOOR
TYPICAL ARRANGEMENTS

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