



Duferco Sviluppo

IMPIANTO PEAKER PER BILANCIAMENTO RETE ELETTRICA

STUDIO DI IMPATTO AMBIENTALE (DLGS. 152/06 E S.M.I. - LR 5/2010)


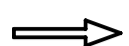
QUADRO PROGETTUALE

GENERAL ARRANGMENT DRAWING

0	08/08/2018	Prima emissione			J.Taylor	J.Frank	N.Caruso		
REV.	DATA	DESCRIZIONE			PREPARATO	VERIFICATO	APPROVATO		
Responsabile del Progetto	 Duferco Engineering <small>Duferco GROUP</small>				<small>Via Paolo Imperiale 4 int. 14 16126 Genova Tel. +39/010/8930843 Fax +39/010/8930847 http://www.dufercoeng.com E-mail: info@dufercoeng.com</small>				
	Committenti	 Duferco Sviluppo <small>DUFERCO SVILUPPO S.p.A. Via Paolo Imperiale 4 16126 Genova (GE) Tel.: +39 010 2750001</small>				17 11 054	ID Progetto		
Progetto		IMPIANTO PEAKER PER BILANCIAMENTO RETE ELETTRICA				NAVE(BS)		Sito	
Titolo	GENERAL ARRANGMENT DRAWING				Tavola 1 di 9	PPPN		Sigla Progetto	
SISTEMA	FASE	AREA	TIPOLOGIA	PROGETTO	LOTTO	SOCIETA'	D/S	NUMERO	Formato: A3
1000	PP	000	DA	PPPN	L01	SIEM	D	0001	Scala:
Codici gestionali				Identificazione documento					

ALL SHEETS ARE THE SAME REVISION STATUS.

NOTES:

1.  DENOTES SIEMENS DATUM.
2.  DENOTES AIR FLOW DIRECTION.
3. CO = CLEARANCE OPENING.
4. B.O.S. = BOTTOM OF STEEL.
5. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.
6. FOR ADDITIONAL CUSTOMER INTERFACE INFORMATION SEE THE FOLLOWING:
 - XXXXXXXXXX UNIT OUTLINE - DRIVER
 - XXXXXXXXXX UNIT OUTLINE - DRIVEN
 - XXXXXXXXXX UNIT OUTLINE AUXILIARY
 - XXXXXXXXXX FOUNDATION & LOADING
 - XXXXXXXXXX SHIPPING ARRANGEMENT
 - XXXXXXXXXX MECHANICAL HANDLING
 - XXXXXXXXXX HAZARDOUS AREA
 - XXXXXXXXXX CABLE ROUTING
 - XXXXXXXXXX ELECTRICAL INTERCONNECT
7. REFER TO ELECTRICAL INTERCONNECT DRAWING XXXXXXXXXXXX FOR TERMINAL AND DEVICE CODE NUMBERS.
8. REFER TO BOLTING AND GROUTING PLAN DRAWING XXXXXXXXXXXX FOR FOUNDATION BOLTING PLAN.
9. SEE SIEMENS CONTROLS OUTLINE DRAWING XXXXXXXXXXXX FOR UNIT CONTROL PANEL DIMENSIONS.
10. CONTROL CABINET TO BE MOUNTED BY OTHERS. CABLE INSTALLATION NOT TO EXCEED 328 FEET (100 METERS).
11. NOT USED
12. ISI PUMP MUST BE LOCATED IN A SAFE AREA (NON HAZARDOUS ZONE). INTERCONNECT PIPING BETWEEN AIR INLET FILTER AND ISI PUMP SKID FOGGING CONNECTION IS NOT TO EXCEED 1181.1 INCHES (29997mm) IN LENGTH AND TO CONTAIN A MAXIMUM OF 6 ELBOWS. INTERCONNECT PIPING BETWEEN PACKAGE WET COMPRESSION CONNECTIONS AND ISI PUMP SKID WET COMPRESSION CONNECTIONS IS NOT TO EXCEED 669.3 INCHES (17000mm) IN LENGTH AND TO CONTAIN A MAXIMUM OF 10 ELBOWS.
13. FINISH PAINTING IN FIELD TO BE COMPLETED BY OTHERS, UTILIZING MATERIALS AND PROCEDURES EQUAL TO MANUFACTURER'S STANDARD.
14. MINERAL LUBE OIL SKID TO BE POSITIONED SO THE HORIZONTAL DISTANCE FROM CONNECTION M208 TO M215 DOES NOT EXCEED 208 INCHES (5283mm) AND THE ELEVATION CHANGE DOES NOT EXCEED 60 INCHES (1524mm). THE PIPING MAY CONTAIN A MAXIMUM OF 10 ELBOWS AND 1 TEE. MINERAL LUBE OIL SKID MUST BE LOCATED IN A SAFE AREA (NON-HAZARDOUS ZONE).

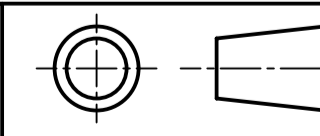
APPROXIMATE DRY WEIGHT OF MAJOR COMPONENTS	DRY WEIGHT lbs (kg)
FILTER HOUSE W/STEELWORK	161,970 (73,468)
DRIVER PACKAGE (AS SHIPPED)	117,445 (53,272)

APPROXIMATE WEIGHT OF MAJOR MAINTENANCE EQUIPMENT	DRY WEIGHT lbs
GAS GENERATOR - SGT-A65 WLE	26,015 (11,800)

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3RD ANGLE PROJECTION

ENGR. 2:
ENGR. 1:
APPR. BY: N.CARUSO
CHKD. BY: J.FRANK
DRAWN BY: J.TAYLOR
DWS. DATE: 08NOV.2017

B	REVISED DESIGN TO REFLECT SIDE EXHAUST AND ADDED SHEETS 7, 8 & 9	10JUL18 JSTAY
REV NO	ECO NO / DESCRIPTION	DATE
	REVISION HISTORY	BY
ISSUE	Duferco Engineering	

SIEMENS

SIEMENS ENERGY, INC. | POWER AND GAS

GENERAL ARRANGEMENT DRAWING
SGT-A65 WLE

SIZE: **A1** | SEI-2017-1468 | REV: **B**

SCALE: NONE | SHEET: 1 OF: 9

ALL SHEETS ARE THE SAME REVISION STATUS.

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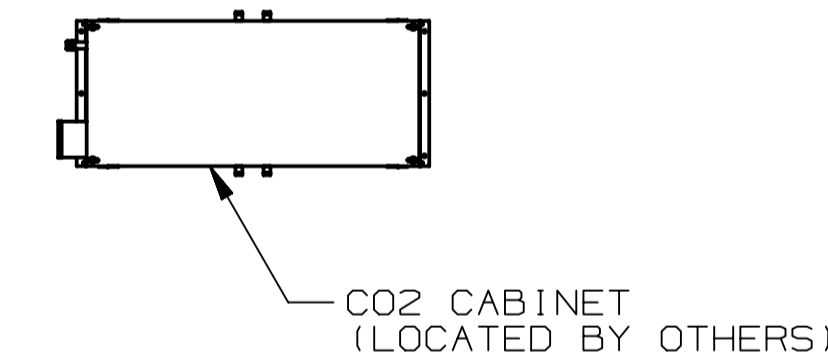
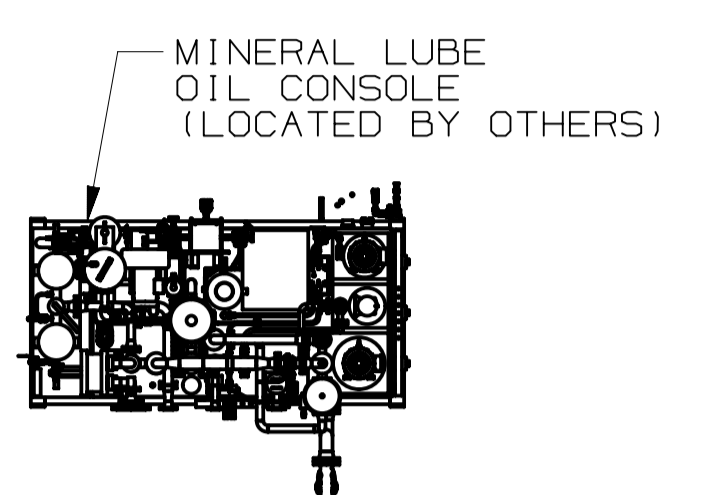
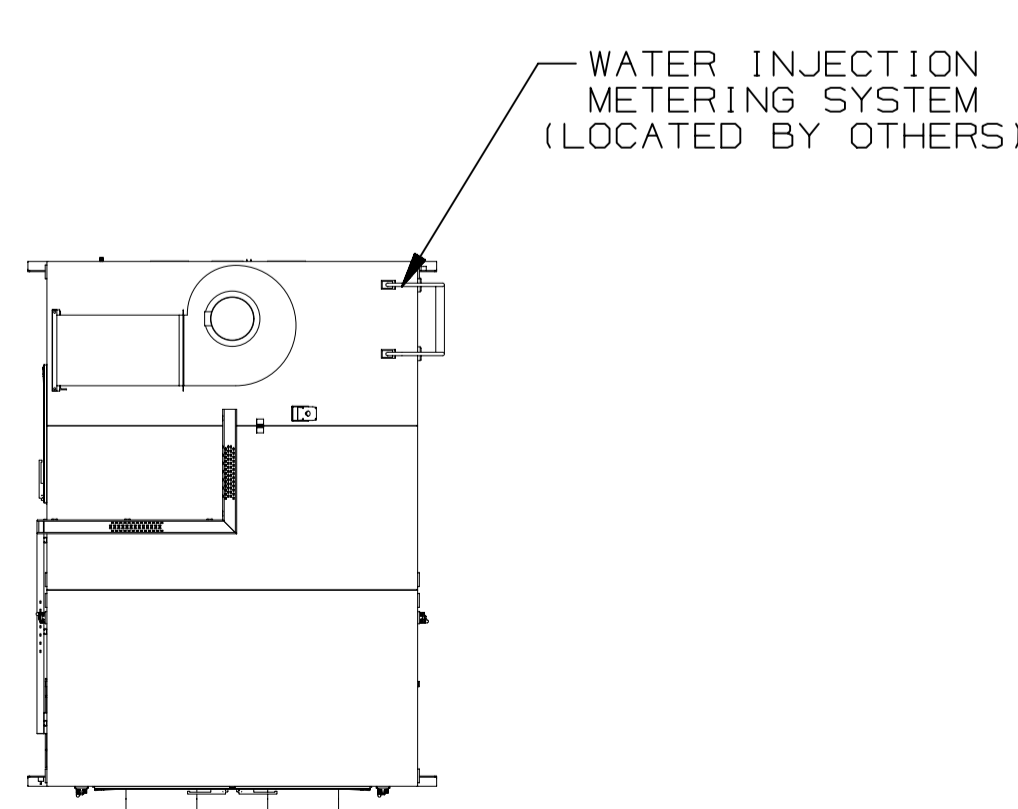
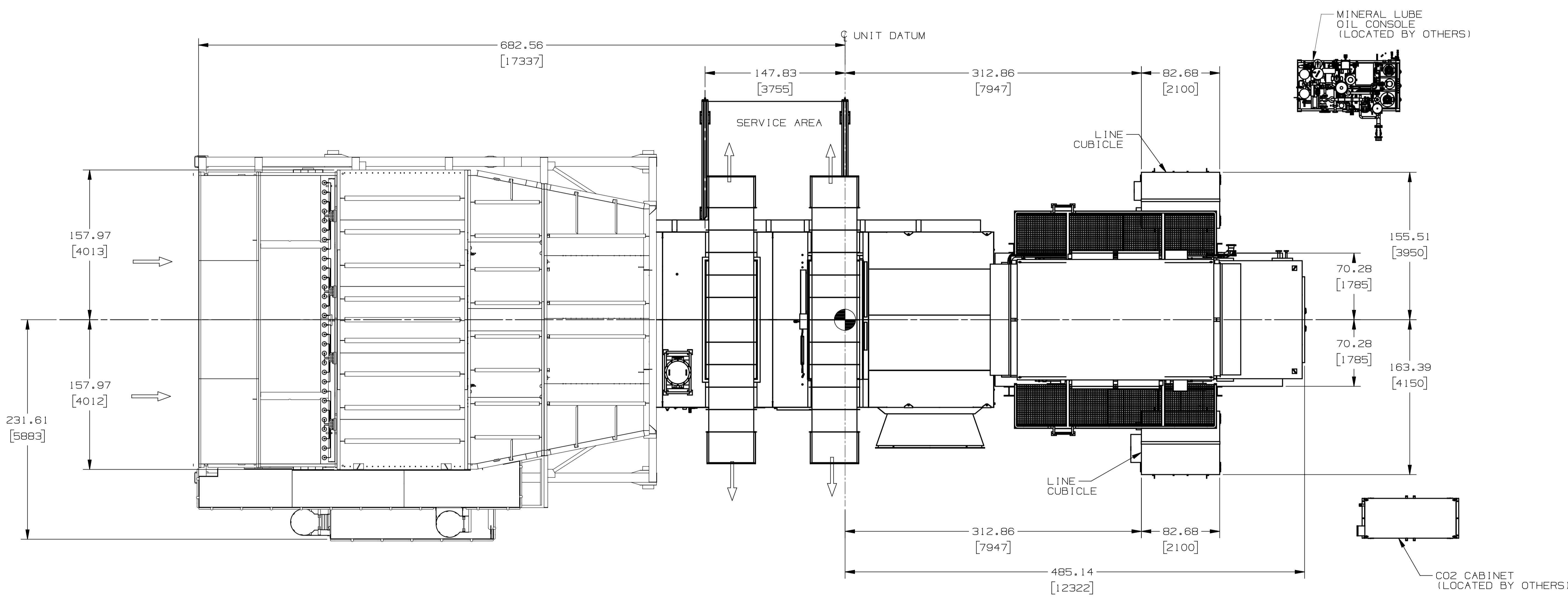
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5. ARROW INDICATES DIRECTION OF FLOW

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GENERAL ARRANGEMENT DRAWING	
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SIZE	REV
A1	B
SCALE: NONE	SHEET: 2 OF: 9

SEI-2017-1468-1/B

UNIGRAPHICS DRAWING

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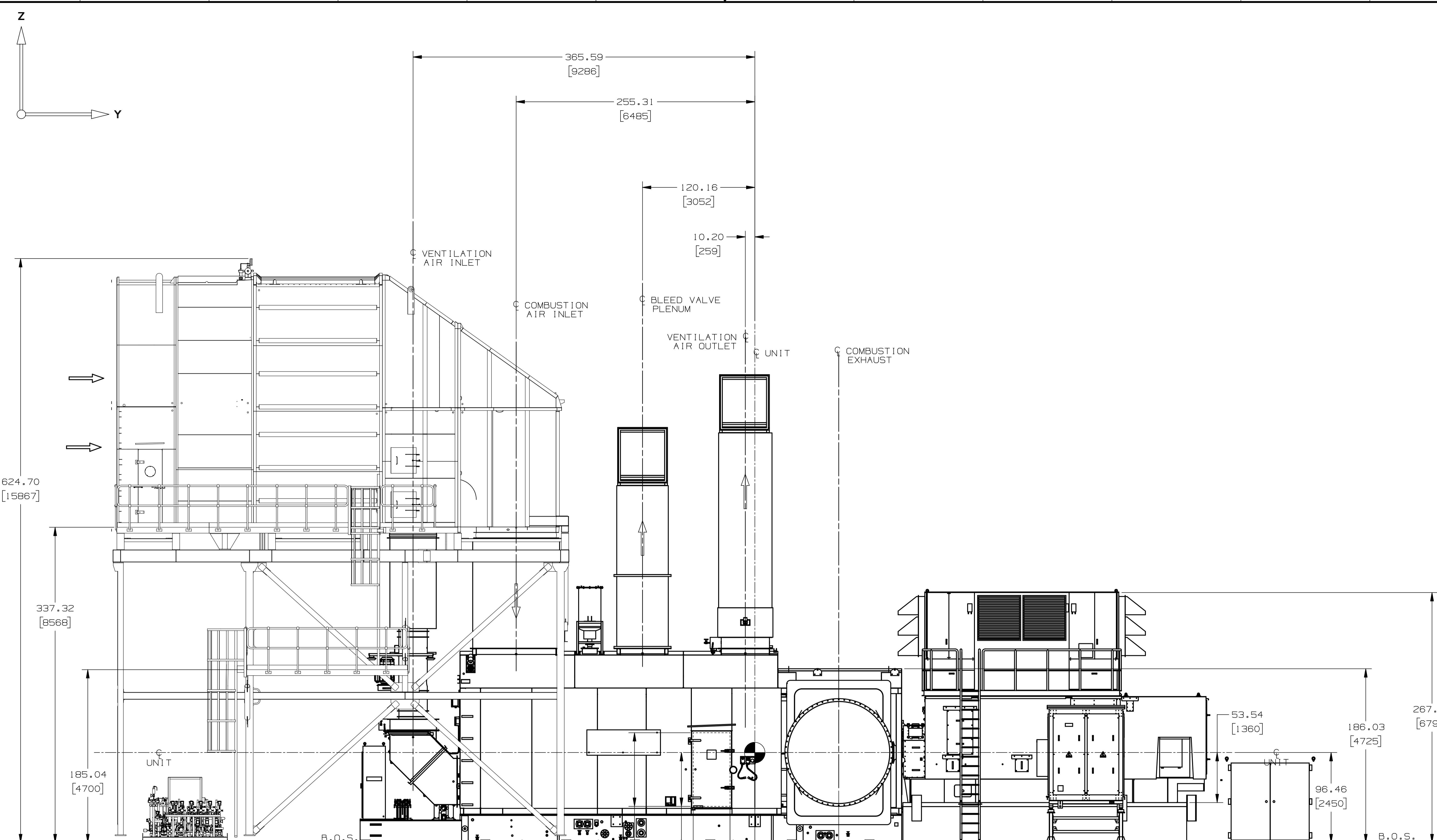
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PORT SIDE ELEVATION

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SIZE A1	SEI-2017-1468	REV B
SCALE: NONE	SHEET: 3 OF 9	

ALL SHEETS ARE THE SAME REVISION STATUS.

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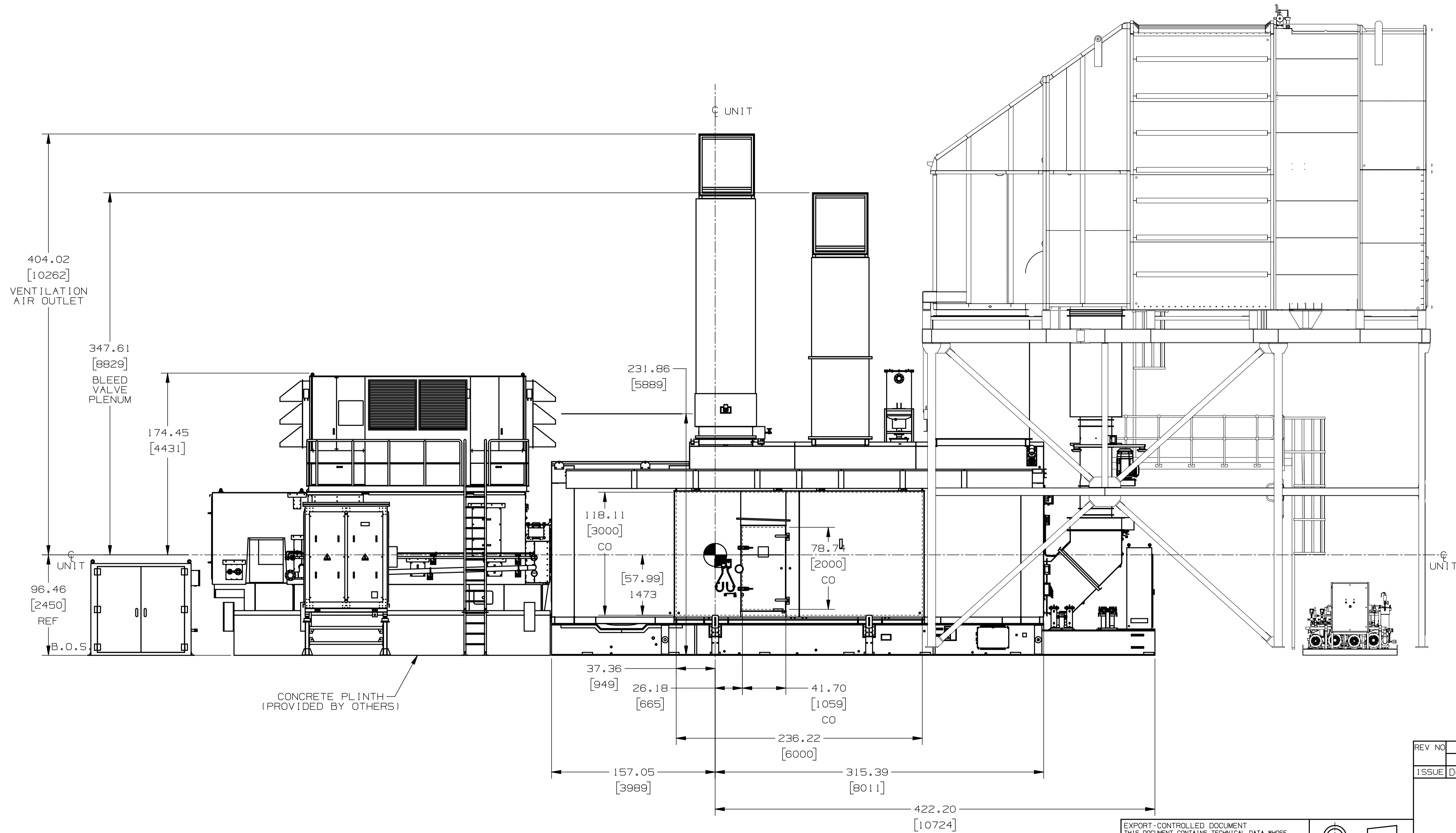
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STARBOARD SIDE ELEVATION

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SCALE: NONE	SHEET: 4 OF: 9	

SEI-2017-1468-1/B

UNIGRAPHICS
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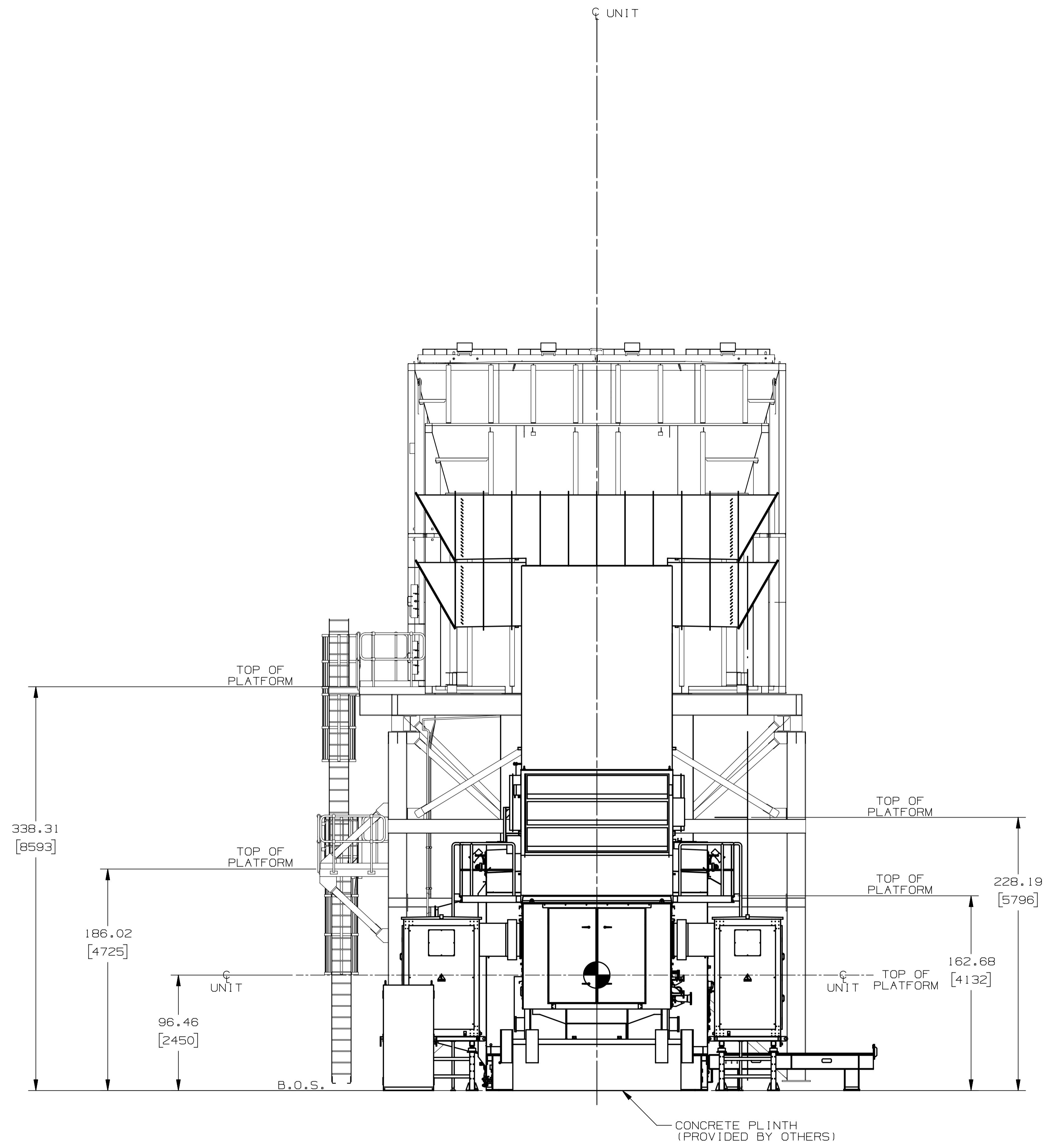
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BACK ELEVATION

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SCALE: NONE | SHEET: 5 OF: 9

SEI-2017-1468-1/B

UNIGRAPHICS DRAWING

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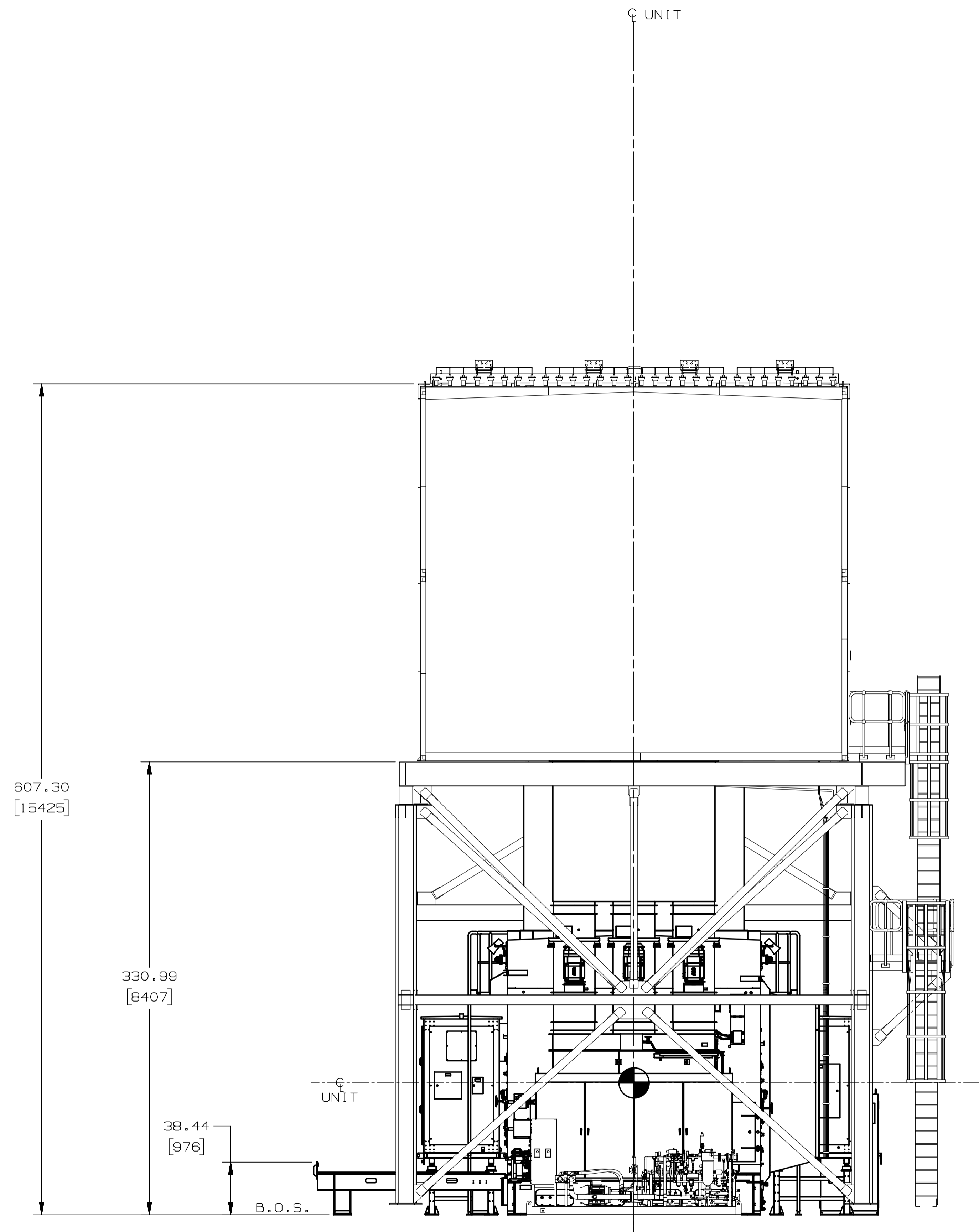
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FRONT ELEVATION
ISI SKID REMOVED FOR CLARITY

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SEI-2017-1468-1/B

UNIGRAPHICS
DRAWING

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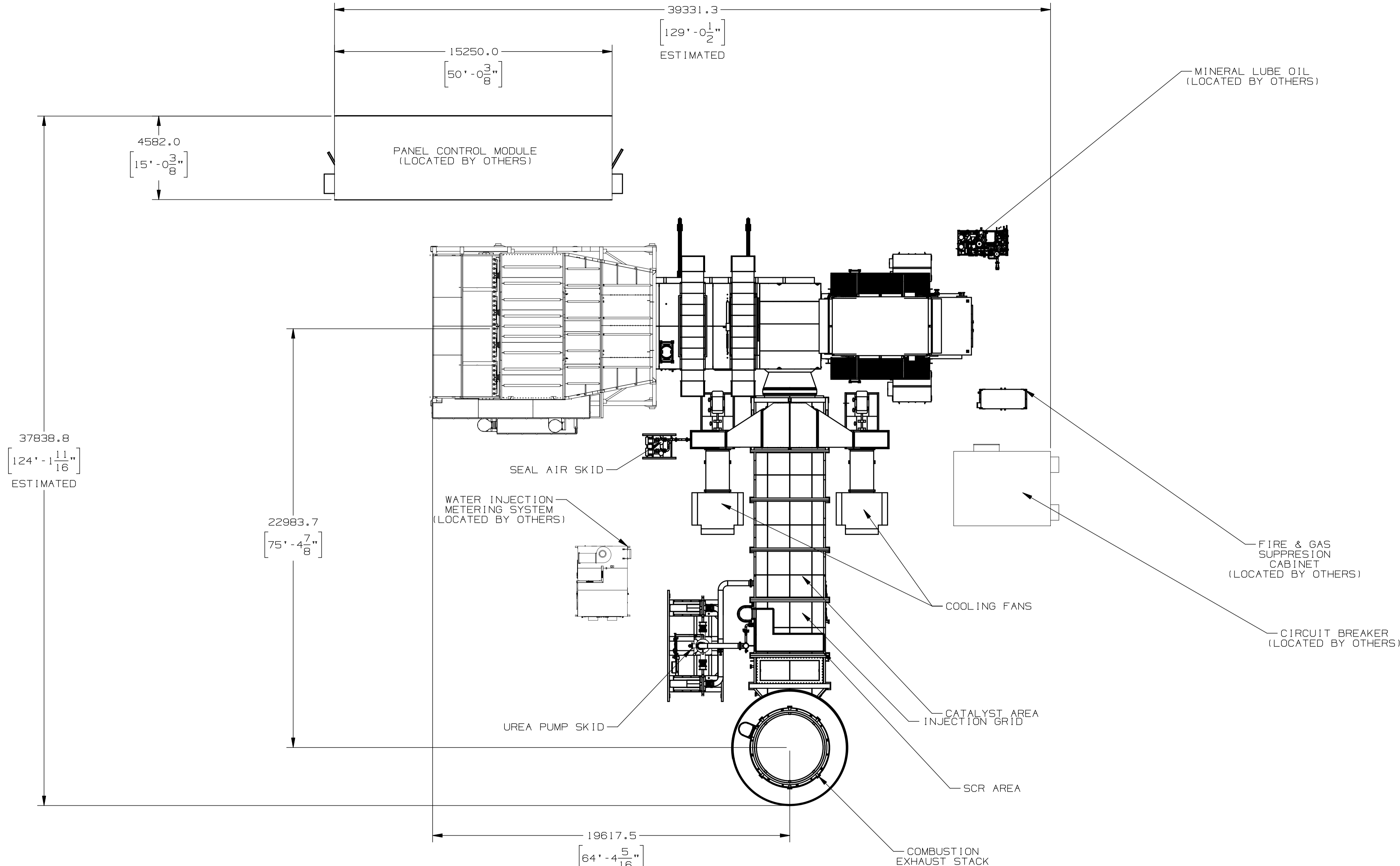
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PLAN SITE VIEW
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SEE SHEET 8

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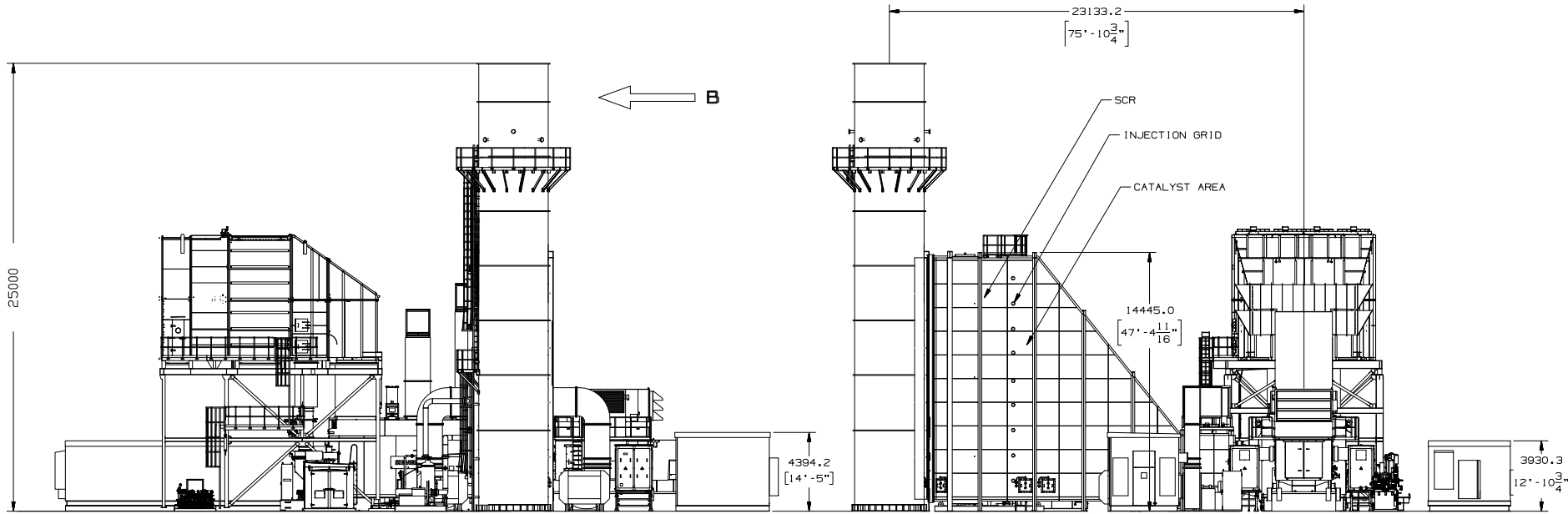
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UNIGRAPHICS
DRAWING

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VIEW A
FROM SHEET 7

VIEW B
FROM THIS SHEET

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3RD ANGLE PROJECTION
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 ENGR. 11
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 CKGD. BY: J. FRANK
 DRAWN BY: J. TAYLOR
 DWG. DATE: GENOY, 2017

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SCALE: NONE	SHEET: B OF: 9	

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12 11 10 9 8 7 6 5 4 3 2 1