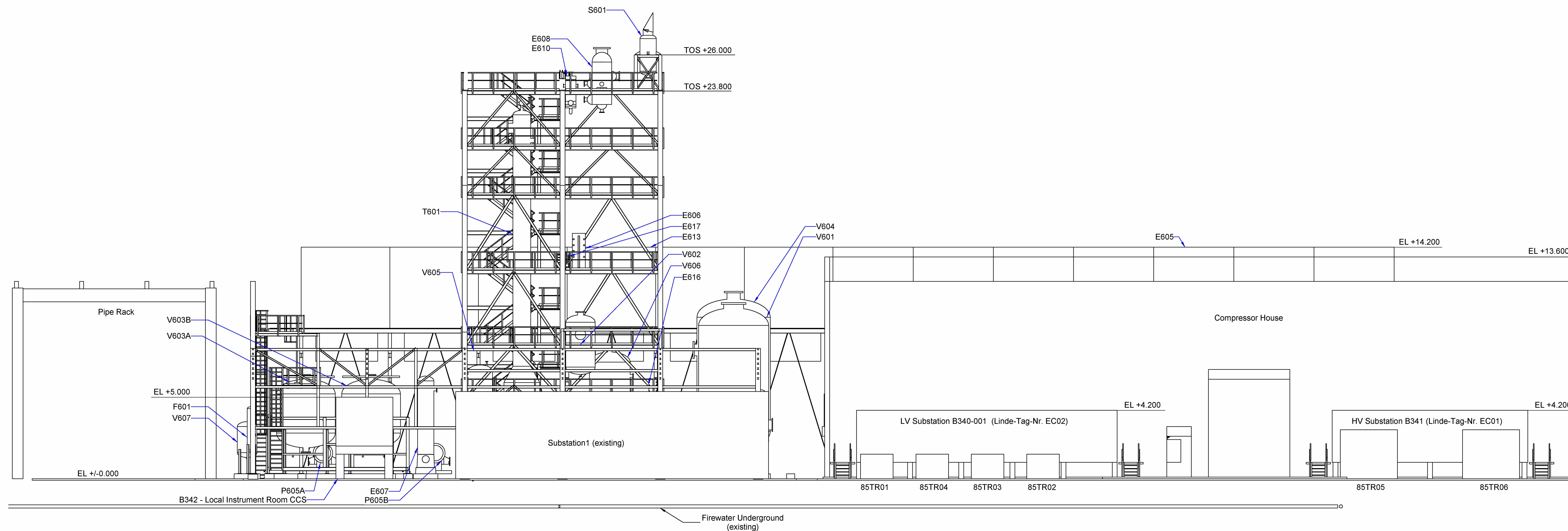


looking north

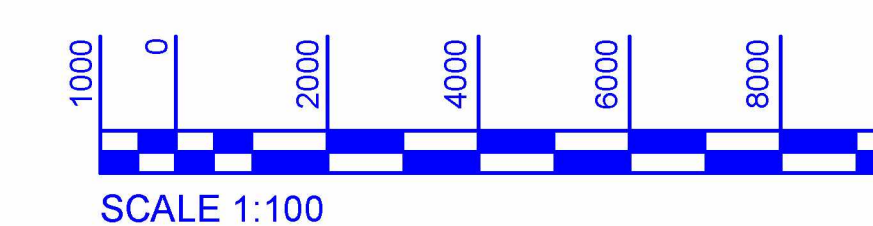


Construction Areas	
CA00	Area not in LEDD scope
CA02	CO2 Compression / Refrigeration (Machine House)
CA03	Field Installation
CA05	Pipe Rack
CA41	Drying Unit
CA51	Rectification Unit
CA61	Tank Farm Unit
CA63	Ship Loading Unit
CA91	Cooling Water Unit

Equipments Process Area	
C601	CO2 Compressor Unit
C602	Refrigerant Compressor Unit
E605	Cooling Water Cooler (Air Cooler)
E606	CO2 Gas Pre-Cooler
E607	Regeneration Gas Heater
E608	CO2 Liquefier
E609	CO2 Reboiler
E610	CO2 Condenser
E611	CO2 Subcooler
E612	Vent Gas Heater
E613	Refrigerant Condenser (Air Cooler)
E614	Interstage Cooler
E615	After Cooler
E617	Export CO2 Gas Heater
F601	Particle Filter
P601 A/R	Condensate Pump
P605 A/B/R	Cooling Water Pump
P606 A/R	Refrigerant Pump
S601	Vent Gas Silencer
T601	CO2 Column
V601	Compressor Knock Out Drum
V602	Water Separator
V603 A/B	Dryer
V604	Suction Drum
V605	Refrigerant Receiver
V606	Refrigerant Economizer
V607	Cooling Water Expansion Vessel
Y603	CO2 Ship Loading Station
Y604	Oil Unit
Y605	Air Purger



Notes:

- Reference Drawing &AE-0000-L-ZP 1011(EN) "Equipment Arrangement CO2 Top View"
- Air cooler size E613 according vendor offer (Famet)
- Size of compressor house currently defined by vendor compressor typicals (Siemens), to be finally defined after vendor selection



NO.	DATE	STATUS	DIVISION	ORIGINATOR	REVIEWED	APPROVED	DESCRIPTION
1.0	06.06.2022	ISSUE					Final Draft

PLANT DESCRIPTION: Carbon Capture Storage Plant, Sluiskil

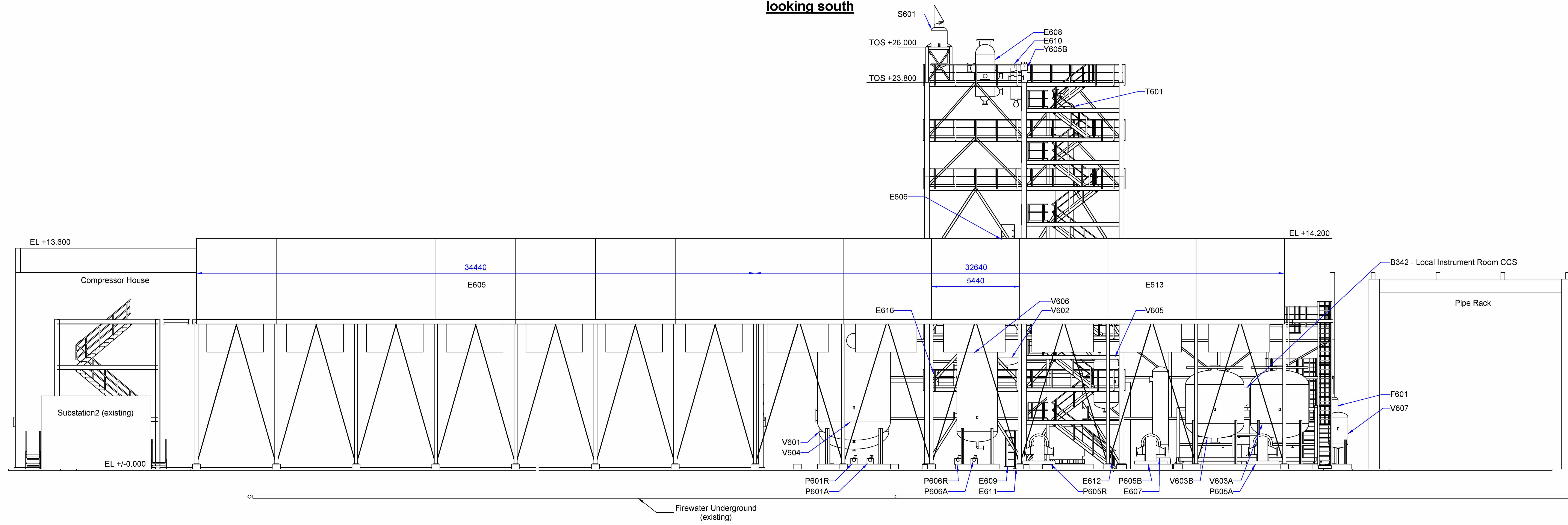
LINDE PROJECT NO: 3710A378
 CLIENT PROJECT NO: 16471
 LINDE PROJECT CODE: Sluiskil
 CLIENT PROJECT CODE: CACTUS

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TITLE: Equipment Arrangement Drawing
 CO2 Liquefaction
 Looking North

SCALE: 1:100	SIZE: A0	LINDE DOC. NO: &AE-0000-L-ZP 1012(EN)	SHEET: 1	OF: 1
		YARA DOC. NO: 16471-P-57-00007	REV: 00	

looking south



Construction Areas	
CA00	Area not in LEEDD scope
CA02	CO2 Compression / Refrigeration (Machine House)
CA03	Field Installation
CA05	Pipe Rack
CA41	Drying Unit
CA51	Rectification Unit
CA61	Tank Farm Unit
CA63	Ship Loading Unit
CA91	Cooling Water Unit



Equipments Process Area	
C601	CO2 Compressor Unit
C602	Refrigerant Compressor Unit
E605	Cooling Water Cooler (Air Cooler)
E606	CO2 Gas Pre-Cooler
E607	Regeneration Gas Heater
E608	CO2 Liquefier
E609	CO2 Reboiler
E610	CO2 Condenser
E611	CO2 Subcooler
E612	Vent Gas Heater
E613	Refrigerant Condenser (Air Cooler)
E614	Interstage Cooler
E615	Air Cooler
E617	Export CO2 Gas Heater
F601	Particle Filter
P601 A/R	Condensate Pump
P605 A/B/R	Cooling Water Pump
P606 A/R	Refrigerant Pump
S601	Vent Gas Silencer
T601	CO2 Column
V601	Compressor Knock Out Drum
V602	Water Separator
V603 A/B	Dryer
V604	Suction Drum
V605	Refrigerant Receiver
V606	Refrigerant Economizer
V607	Cooling Water Expansion Vessel
Y603	CO2 Ship Loading Station
Y604	Oil Unit
Y605	Air Purger

Notes:

- Reference Drawing &AE-0000-L-ZP 1011(EN) "Equipment Arrangement CO2 Top View"
- Air cooler size E613 according vendor offer (Famet)
- Size of compressor house currently defined by vendor compressor typicals (Siemens), to be finally defined after vendor selection

NO.	DATE	STATUS	DIVISION	ORIGINATOR	REVIEWED	APPROVED	DESCRIPTION
1.0	06.06.2022	ISSUE					Final Draft

CLIENT DESCRIPTION: Carbon Capture Storage Plant, Sluiskil

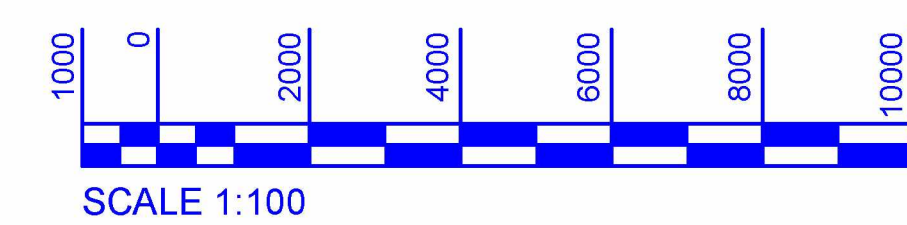



UNDER PROJECT NO: 3710A03B CLIENT PROJECT NO: 16471
 UNDER PROJECT CODE: SLUISKIL CLIENT PROJECT CODE: CACTUS

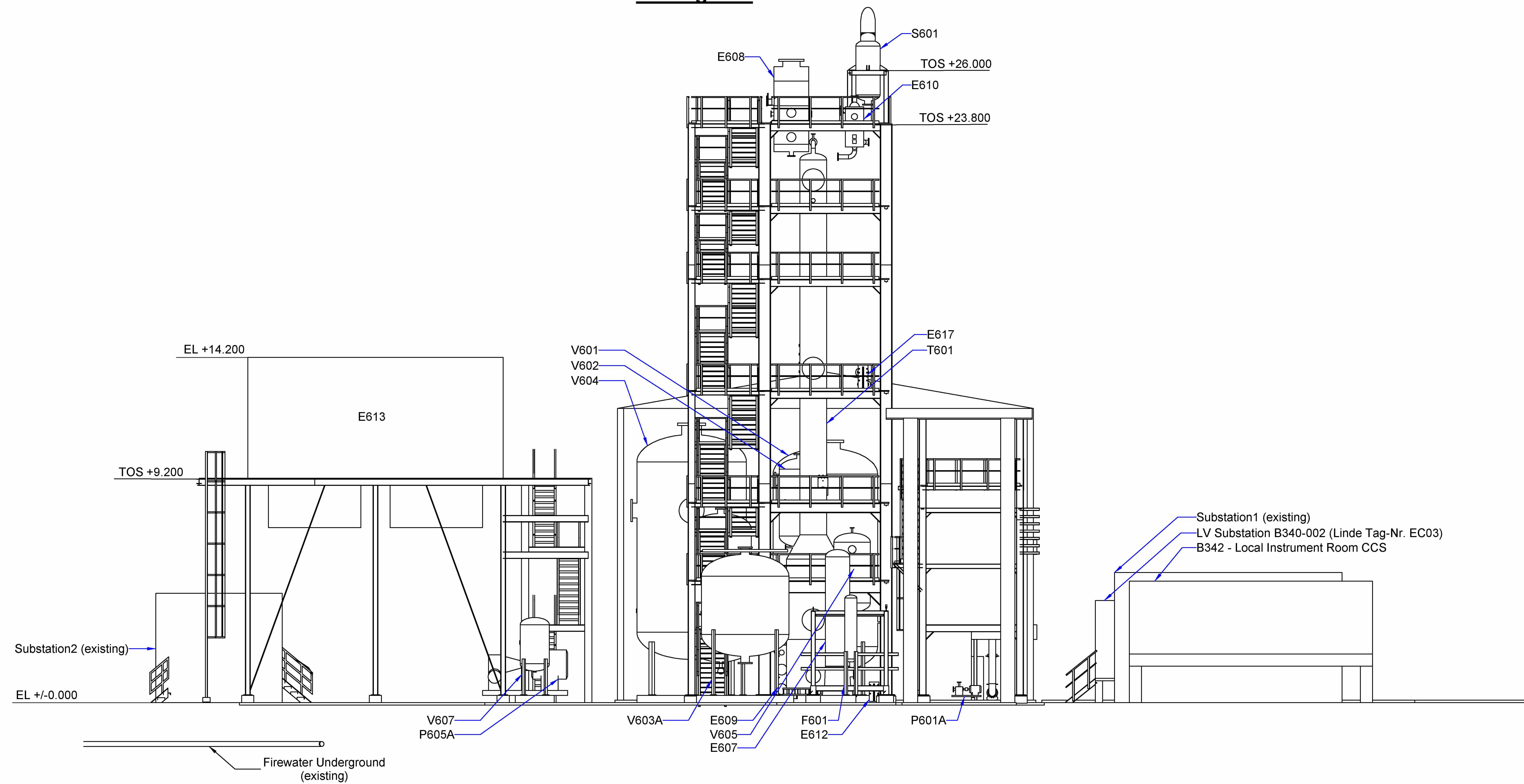
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TITLE: Equipment Arrangement Drawing
 CO2 Liquefaction
 Looking South

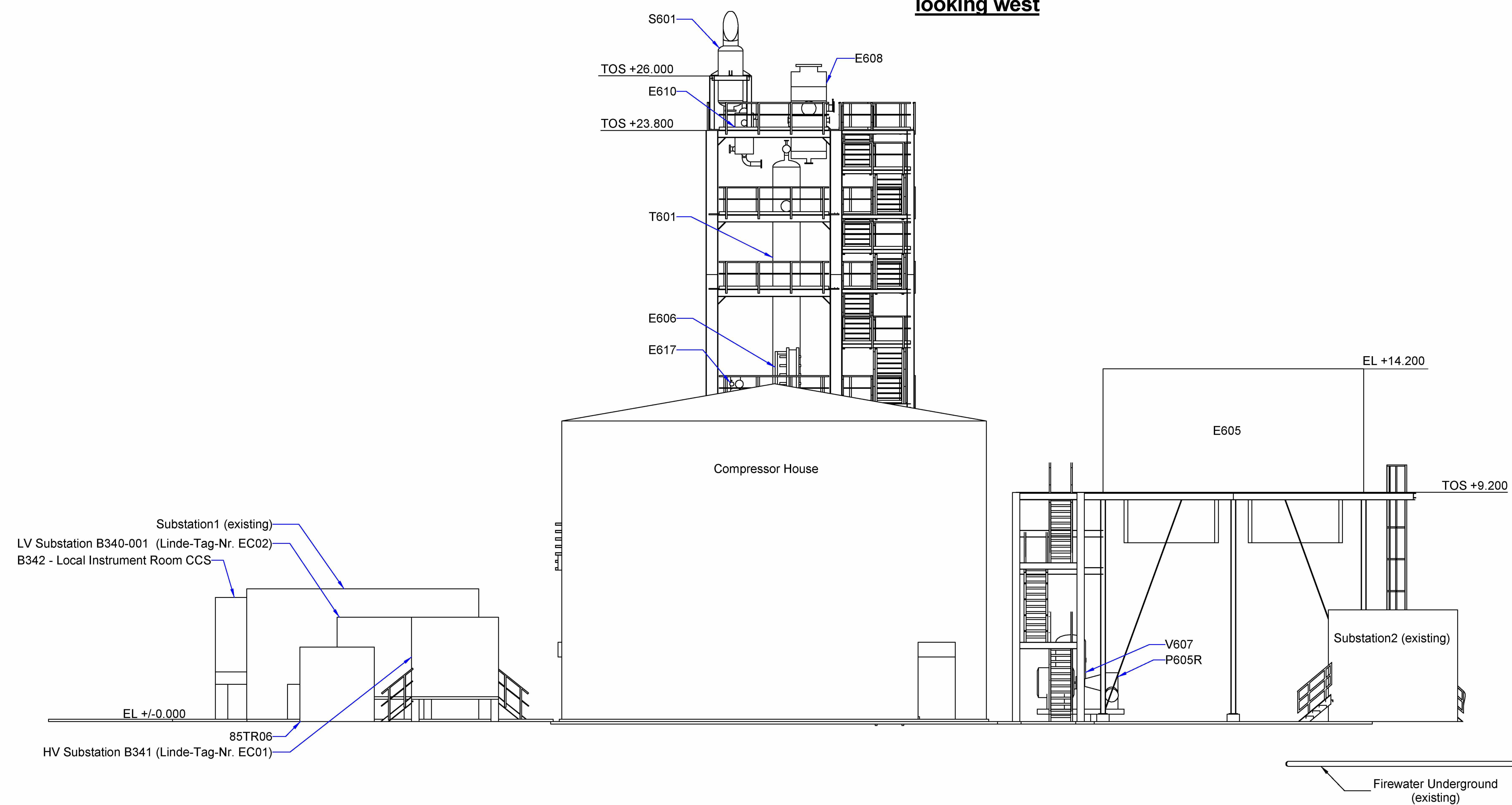
SCALE: 1:100 SHEET: 1 OF 1
 UNDER DOC. NO: &AE-0000-L-ZP 1013(EN) SHEET: 1 OF 1
 WORK DOC. NO: 16471-P-07-00008



looking east



looking west



Construction Areas	
CA00	Area not in LEED scope
CA02	CO2 Compression / Refrigeration (Machine House)
CA03	Field Installation
CA05	Pipe Rack
CA41	Drying Unit
CA51	Rectification Unit
CA61	Tank Farm Unit
CA63	Ship Loading Unit
CA81	Cooling Water Unit

Equipments Process Area	
C601	CO2 Compressor Unit
C602	Refrigerant Compressor Unit
E605	Cooling Water Cooler (Air Cooler)
E606	CO2 Gas Pre-Cooler
E607	Regeneration Gas Heater
E608	CO2 Liquifier
E609	CO2 Reboiler
E610	CO2 Condenser
E611	CO2 Subcooler
E612	Vent Gas Heater
E613	Refrigerant Condenser (Air Cooler)
E614	Interstage Cooler
E615	Air Cooler
E617	Export CO2 Gas Heater
F601	Particle Filter
P601 A/R	Condensate Pump
P605 A/B/R	Cooling Water Pump
P606 A/R	Refrigerant Pump
S601	Vent Gas Silencer
T601	CO2 Column
V601	Compressor Knock Out Drum
V602	Water Separator
V603 A/B	Dryer
V604	Suction Drum
V605	Refrigerant Receiver
V606	Refrigerant Economizer
V607	Cooling Water Expansion Vessel
Y603	CO2 Ship Loading Station
Y604	Oil Unit
Y605	Air Purger

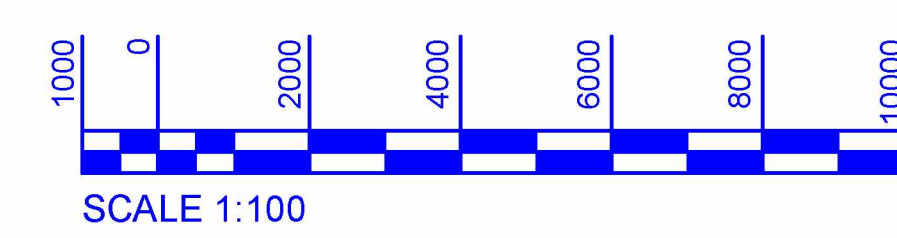
Notes:

- Reference Drawing &AE-0000-L-ZP 1011(EN) "Equipment Arrangement CO2 Top View"
- Air cooler size E613 according vendor offer (Famet)
- Size of compressor house currently defined by vendor compressor typicals (Siemens), to be finally defined after vendor selection

Revision History									
No.	Date	By	Check	Appr.	Description				
1.0	06.06.2022				Final Draft				

Project Information									
Carbon Capture Storage Plant, Sluiskil									
Client					Contract				
Linde					16471-P57-00009				
3710A078					16471				
Sluiskil					CACTUS				

Title									
Equipment Arrangement Drawing									
CO2 Liquefaction									
Looking East, Looking West									
SCALE	1:100	REV	AD	UNR DOC. NO.	&AE-0000-L-ZP 1014(EN)	SHEET	1	OF	1
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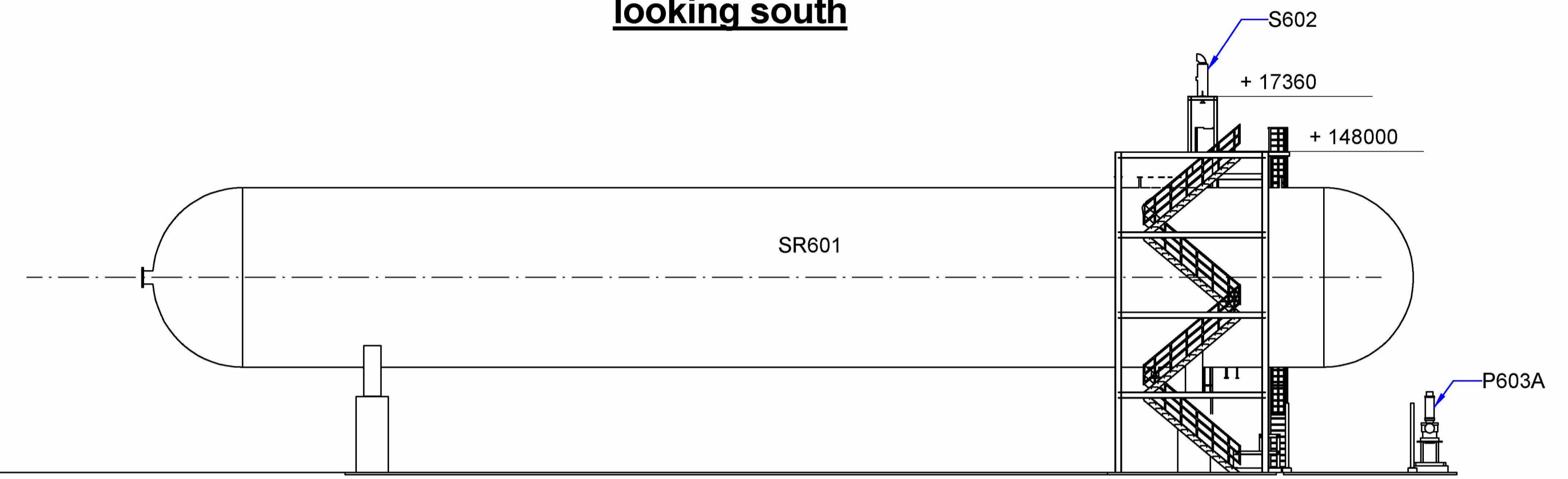
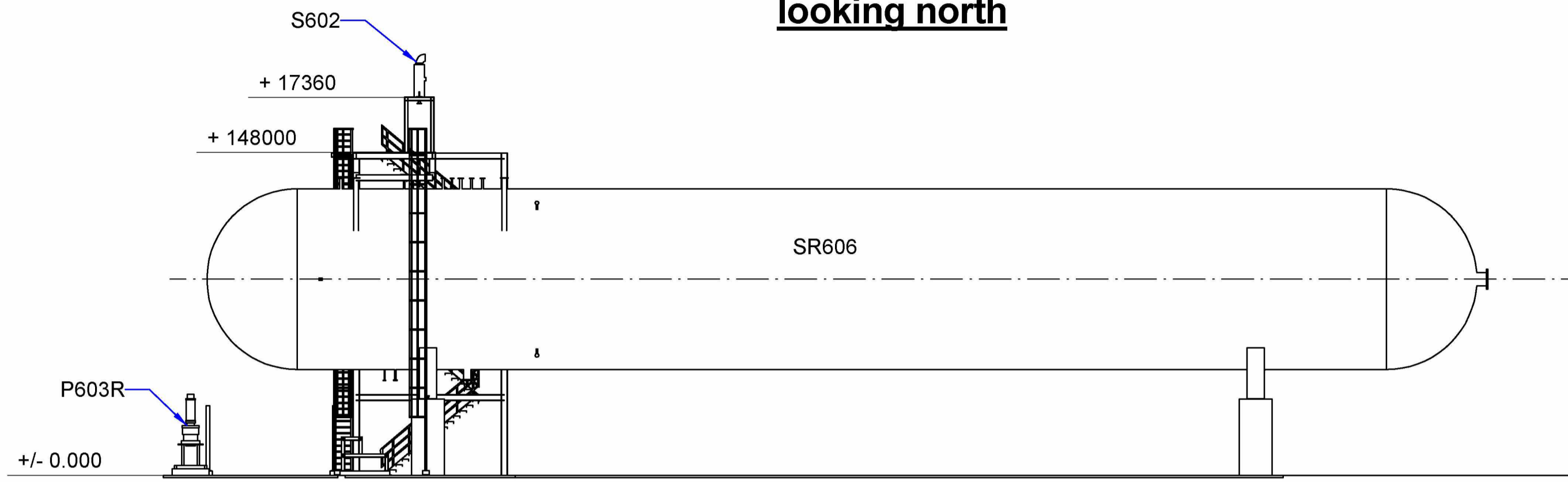


CA61

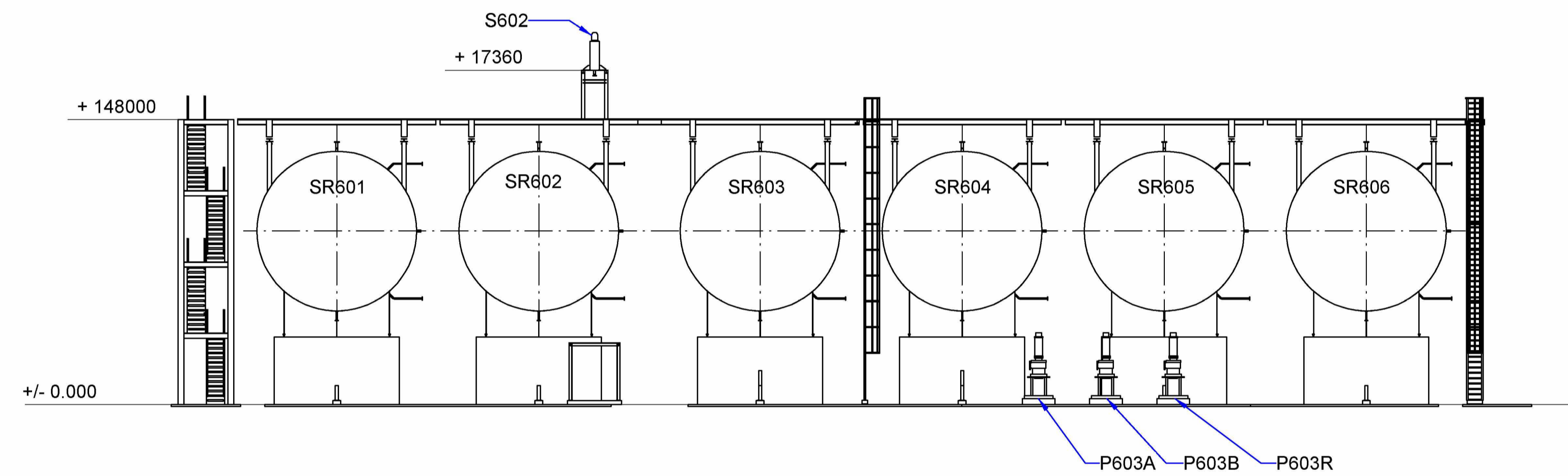
Looking South
SCALE: 1:200

looking north

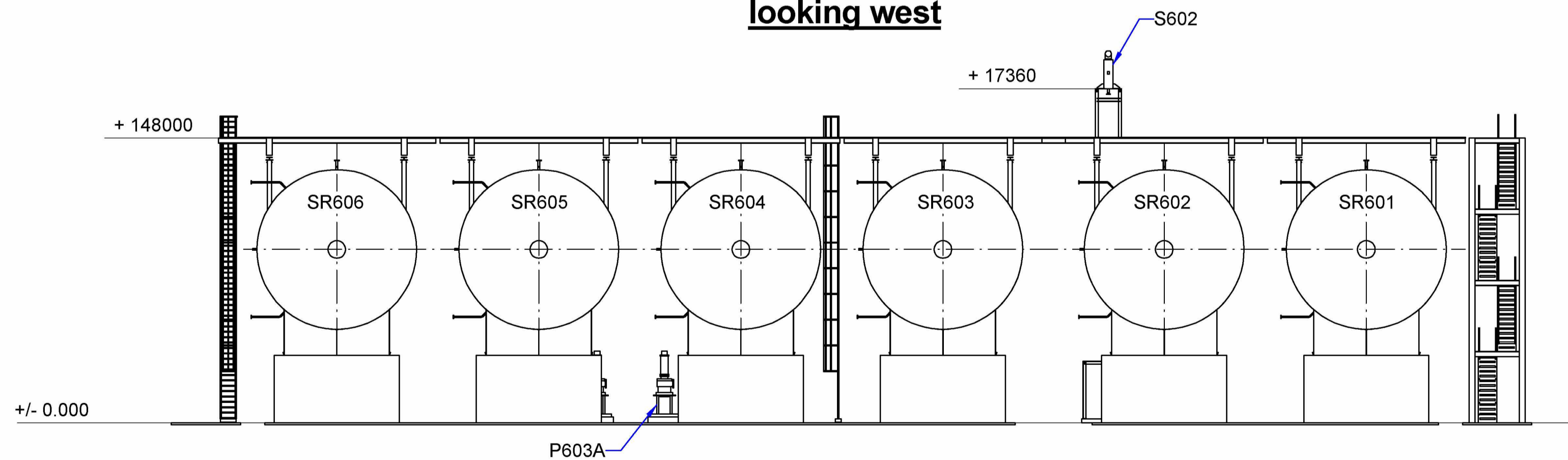
looking south



looking east



looking west

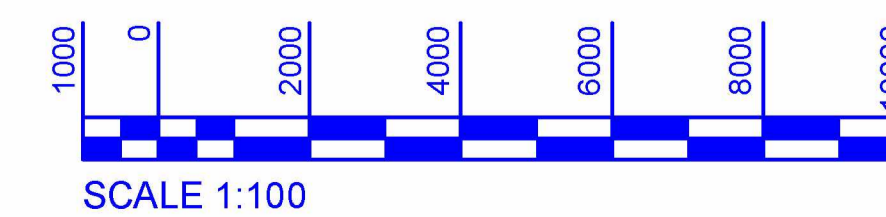


Construction Areas	
CA00	Area not in LEDD scope
CA02	CO2 Compression / Refrigeration (Machine House)
CA03	Field Installation
CA05	Pipe Rack
CA41	Drying Unit
CA51	Rectification Unit
CA61	Tank Farm Unit
CA63	Ship Loading Unit
CA91	Cooling Water Unit

Equipments Tank Area	
P603 A/B/R	CO2 Loading Pump
S602	Silencer Storage
SR601	CO2 Storage Tank
SR602	CO2 Storage Tank
SR603	CO2 Storage Tank
SR604	CO2 Storage Tank
SR605	CO2 Storage Tank
SR606	CO2 Storage Tank

Note:

- Reference Drawing &AE-0000-L-ZP 1009(EN)
"Equipment Arrangement Drawing Tank Farm Top View"



ISSUE	DATE	STATUS	DIVISION	ORIGINATOR	REVIEWED	APPROVED	DESCRIPTION
2.0	06.09.2022						
1.0	22.07.2022						First Draft

PLANT DESCRIPTION: Carbon Capture Storage Plant, Sluiskil

LINDE PROJECT NO.	3710A3T8	CLIENT PROJECT NO.	16471
LINDE PROJECT CODE	Sluiskil	CLIENT PROJECT CODE	CACTUS

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TITLE: Equipment Arrangement Drawing
Tank Farm
4 Side Views

SCALE	SIZE	LINDE DOC. NO.	&AE-0000-L-ZP 1010(EN)	SHEET	SHEETS
1:100	A1	YARA DOC. NO.	16471-P57-00006	REV01	1 OF 1