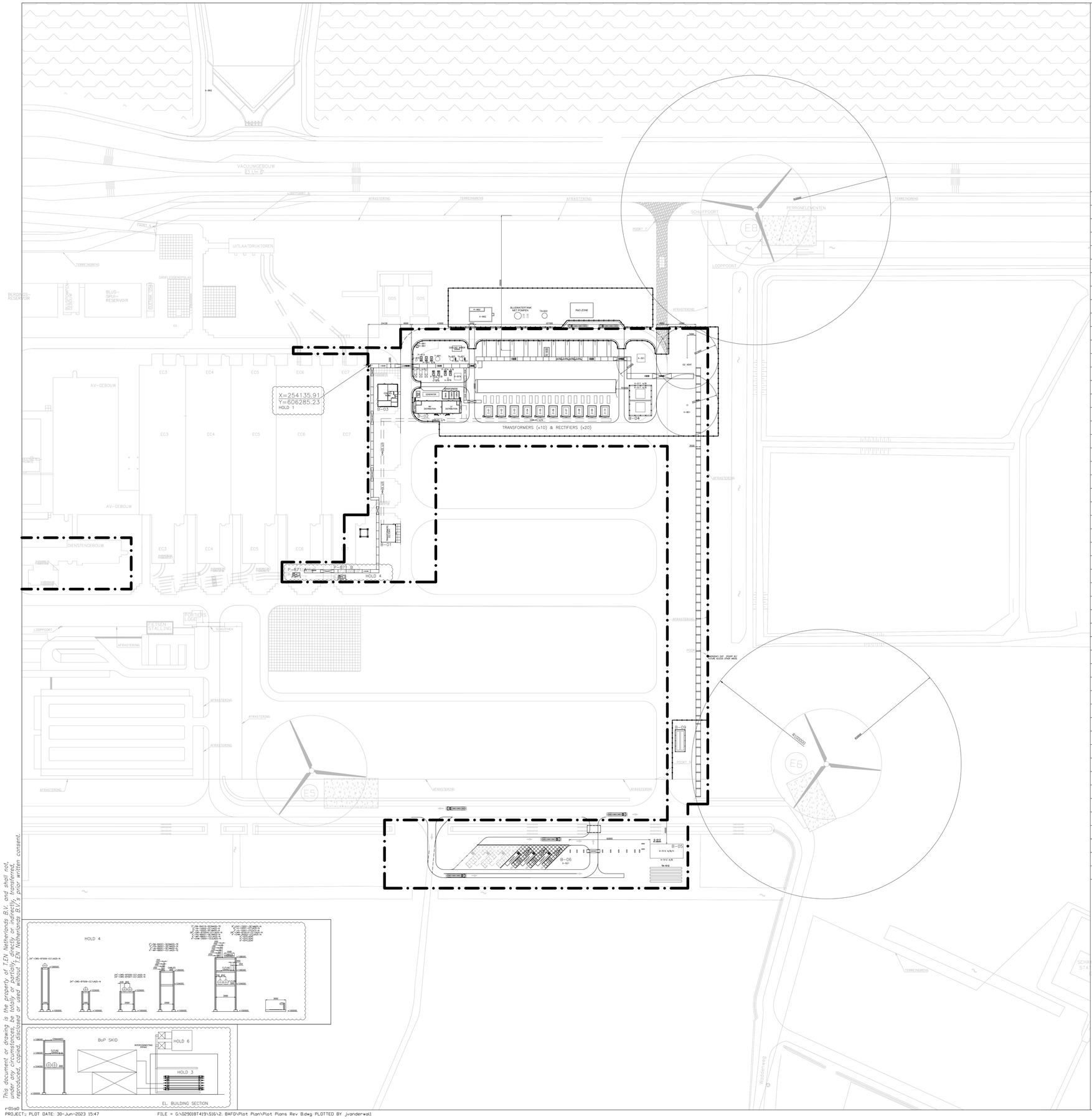
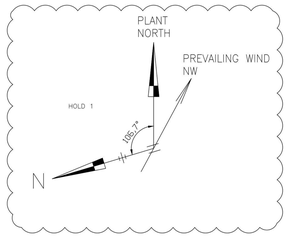




REFERENCE DRAWINGS

–	KLIC terrein Eemscentrale_TBL
029018T419-EL-0000-001	Equipment List

GENERAL NOTES

– DRAWING IS PRELIMINARY FOR PROPOSAL REASONS. DO NOT BE USED FOR EXECUTION.

– DIMENSIONS ARE PRELIMINARY, TO BE DEFINED DURING NEXT PHASES OF THE PROJECT

– ALL DIMENSIONS ARE IN MILIMETERES UNLESS OTHERWISE SPECIFIED.

– HIGH POINT OF PAVEMENT (HPP) IS 100.000.

EQUIPMENT LIST

TAG	DESCRIPTION
	VESSELS
V-820	KOH Drain Drum
V-801	Hydrogen Vent Seal Drum
V-878	Chilled Water Expansion Vessel
T-841	Ultra Pure Water Tank
TA-511	Hydrogen Storage Tank
TA-820	Lye Top Up Tank
TA-821	Lye Buffer Tank
V-876	Cooling Water Expansion Tank
V-872	Service Water Drum
	HEAT EXCHANGERS
E-511	LP Hydrogen Compressor Aftercooler
E-512 – 1,2,3	HP Hydrogen Compressor Aftercooler
E-513	HP Hydrogen Compressor Aftercooler Chiller
E-872 A/B/C	Sea Water / Glycol Water Exchanger
	COMPRESSORS
K-511 A/B	LP Hydrogen Compressor
K-512 A/B/C	HP Hydrogen Compressor
	PUMPS
P-874 A/B	Chilled Water Pumps
P-841 A/B	Ultra Pure Water Pumps
P-872 A/B	Glycol Water Pumps
P-861	Effluent Pit Pump
P-871 A/B	Sea Water Circulating Pumps
P-873	Service Water Pump
P-862	Storm Water Collection Pit Pump
P-820	Lye Top Up Tank Pump
P-821	Lye Buffer Tank Pump
	MISCELLANEOUS
X-301	Purification and Drying Unit (PDU)
X-874	Chilled Water Unit
X-511 A/B	LP Hydrogen Compressor Package
X-512 A/B	HP Hydrogen Compressor Package
X-861	Effluent Pit
X-521	Trailer Filling Station
X-851	Liquid Nitrogen Storage
X-101-102	Electrolyzer Package
X-862	Storm Water Effluent Pit

BUILDING LIST

B-01	Transformers 22/33kV Building
B-02	Electrical Substation
B-03	E&I Substation and Control Building
B-04	LP Compressor Building
B-05	HP Compressor Building
B-06	Tube Trailing Filling Station
B-07	Electrolyzer Building
B-08	
B-09	Metering Station

NOTES

1. BUILDINGS, PIPERACKS, STEEL STRUCTURES, ROADS, PAVED AREAS, FENCES, UNDERGROUND FACILITIES WILL BE UPDATED BASED ON CIVIL STUDIES.

2.

HOLDS

1. SITE REFERENCE POINT, PREVAILING WIND DIRECTION AND PLANT NORTH DIRECTION TO BE CONFIRMED LATER.

2. DIMENSION TO BE CONFIRMED AT SITE.

3. ELECTROLYZERS, LYE SUPPLY.

4. PIPING ARRANGEMENT, ELECTRICAL ROUTING, SEA WATER LINES.

5. EFLLUENT PIT.

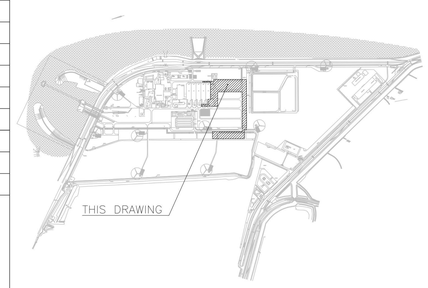
6. HVAC.

7. FIRE FIGHTING PACKAGE.

LEGEND

- NEW PROJECT
- EXISTING
- EXISTING U/G
- U/G
- BATTERY LIMIT
- FENCE
- FUTURE
- HOLD

KEY PLAN



GRAPHIC SCALE 1:1000

0 20 40 60 80 100m

REV.	DATE	MODIFICATIONS	DWG	CHECK	SPEC. ENG.	PROJ. MAN.
B	30.06.2023	Updated for Information	JHWA	MPAN	MPAN	VVEN
A	06.04.2023	Issue for Information	JHWA	MPAN	MPAN	VVEN

TEN TECHNIP ENERGIES

engie

ENGIE Energie Nederland N.V.
Eemshaven, The Netherlands
HyNetherlands Phase 1 Project

Unit Plot Plan – General

Scale 1:1000

029018T | 419 | DW | 0051 | 002 | Rev. B

Project N° | Unit N° | Doc. Type | Discipline Subject | Drawing N°

A0

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PROJECT: PLOT DATE: 30-Jun-2023 15:47

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