

REFERENCE DRAWINGS	
-	KUC terrain Emscentrale_TBL
029018T419-EL-0000-001	Equipment List

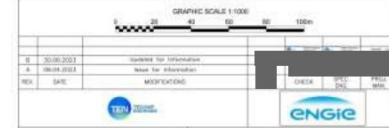
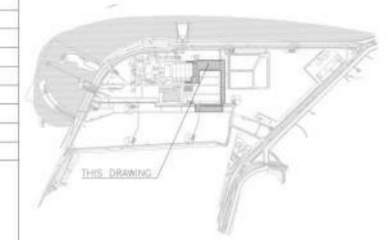
GENERAL NOTES
- DRAWING IS PRELIMINARY FOR PROPOSAL REASONS. DO NOT BE USED FOR EXECUTION.
- DIMENSIONS ARE PRELIMINARY, TO BE DEFINED DURING NEXT PHASES OF THE PROJECT.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- HIGH POINT OF PAVEMENT (HPP) IS 150.003.

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 Tap 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 Fil Pump
P-871 A/B	Sea Water Circulating Pumps
P-873	Service Water Pump
P-862	Storm Water Collection Fil Pump
P-820	Lye Tap 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 Fil
X-521	Trailer Filling Station
X-851	Liquid Nitrogen Storage
X-101 ~ 102	Electrolyzer Package
X-862	Storm Water Effluent Fil

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 Piling Station
B-07	Electrolyzer Building
B-08	
B-09	Metering Station

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

	KEY PLAN
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ENGE Energie Nederland N.V. Eemshaven, The Netherlands Hyfetherlands Phase 1 Project		Unit Flat Plan - General	
Scale 1:1000	029018T	419	0w 0051 002
Project No.		Unit No.	Flat No.

