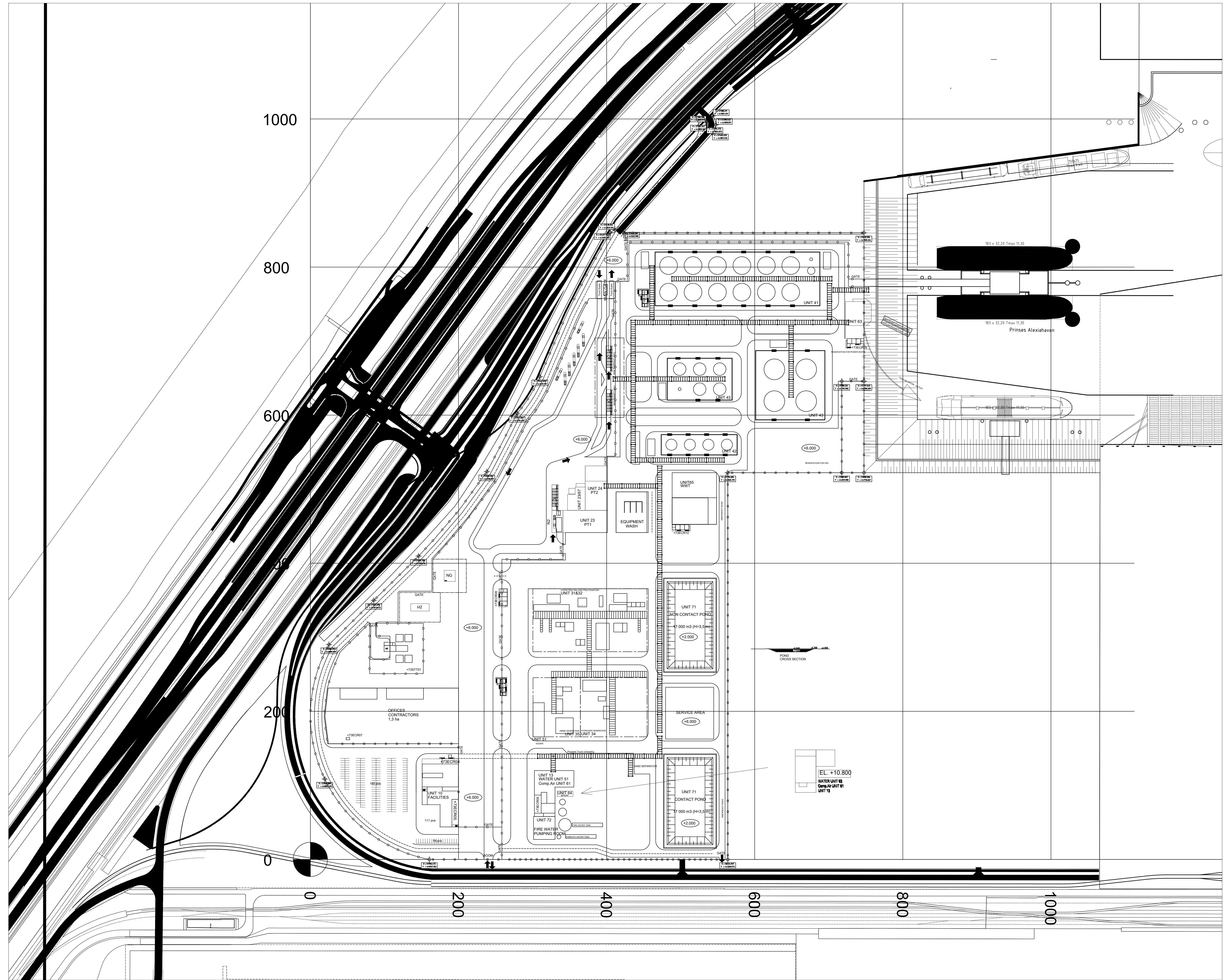


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Rev.	Date	Designed	Checked	Approved	Description

MAIN UNIT NAME	
10	General facility
11	Main building
12	Laboratory
13	Control room
14	Maintenance
15	Warehouse
20	Raw Material Services
21	Liquid Pretreatment Unit 1
22	Liquid Pretreatment Unit 2
30	Hydrocarbon Area
31	Hydrotreating Unit
32	Fractionation Unit
33	Hydrogen Plant Unit
34	Amine Regeneration Unit
40	Tankage Area
41	Feedstock Tankage Area
42	Intermediate Tankage Area
43	Product Tankage Area
44	Loading and Unloading Area
50	Hydrocarbon Services
51	Sour Water and Sour Gas Treatment Unit
52	Flare Area
53	Hydrocarbon Utility Area
60	Utility Services
61	Inert/Air Utility Area
62	Raw Water Treatment Area
63	Water Utility Area
64	Char Boiler
65	Waste Water Treatment Area
66	Interconnection Piping
67	Auxiliary Substances
70	Facility Infra Structure
71	Sewer Water Systems and Ponds
72	Safety Systems (Fire protection etc.)
73	Electric Power Supply
74	Control and Automation Systems
75	Other Facility Systems (Gates, Scales, Cameras, etc.)

DOCUMENT PHASE		PURPOSE	
1 = FC/PRELIMINARY		A = FOR DESIGN	B = FOR INFORMATION
2 = INFO APPROVED FOR DESIGN		C = FOR APPROVAL	D = APPROVED FOR CONSTRUCTION
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FC/PRELIMINARY 10.6.2021

				Project phase FEL3/Basic engineering			
UPM Biorefinery				No. 10903885-0200-037-005		Sheet FC	
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