

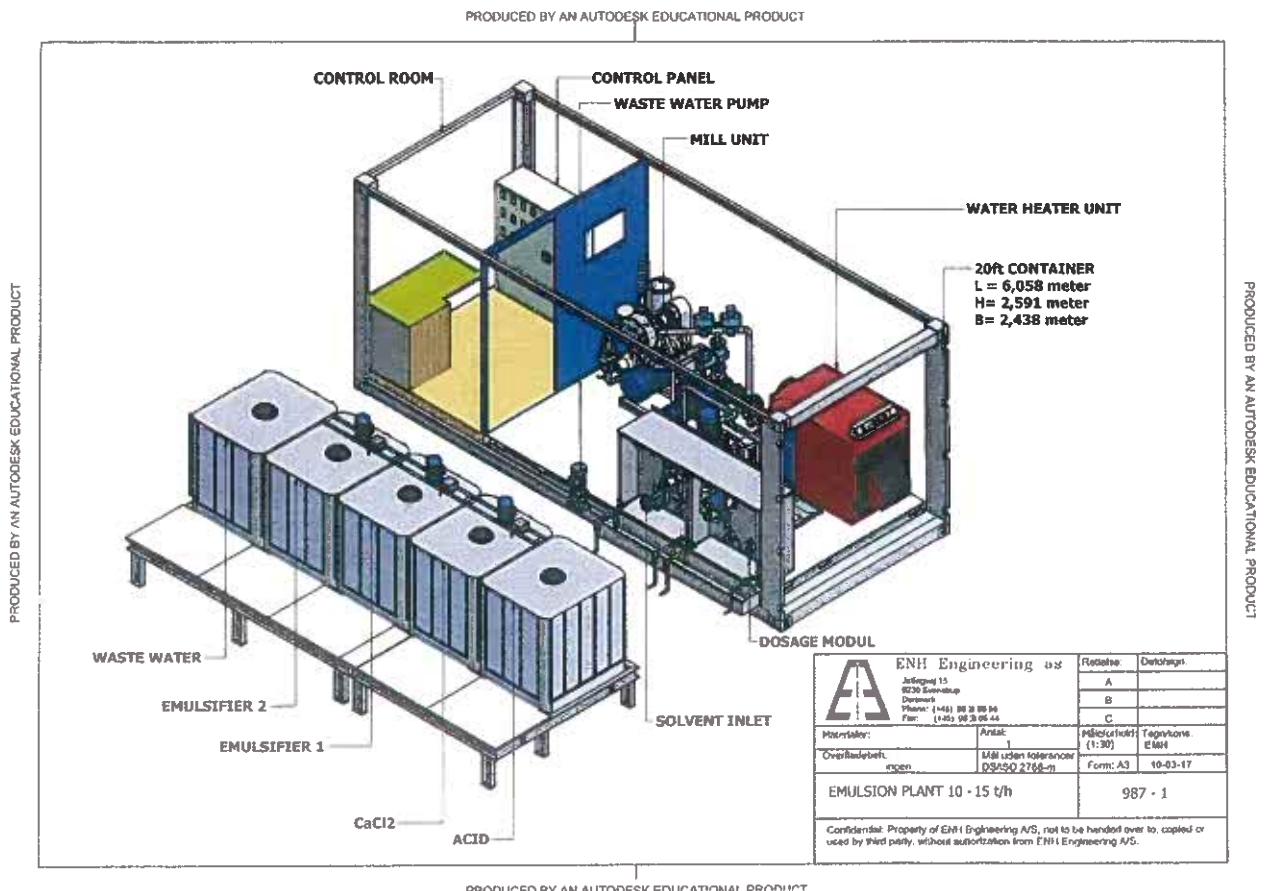
IN-LINE BITUMEN EMULSION PLANT

Build into a 20 ft. container

Production capacity 10-12 tons/hour
Semi automatic production control

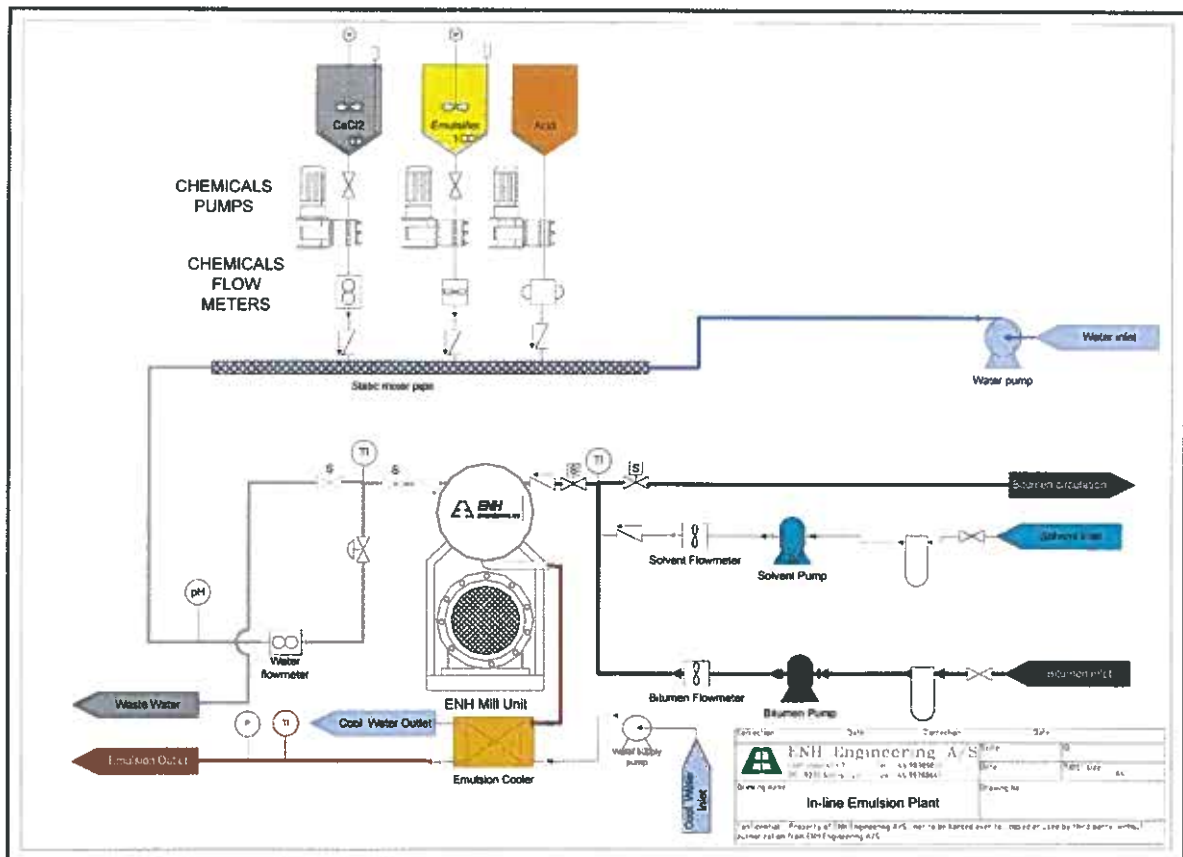
The ENH Engineering A/S bitumen emulsion plant is designed to meet with the high demands for modern emulsion technology. The in-line system of this plant offers the possibility to produce all known bitumen emulsion types.

The in-line system provides great flexibility in the production phase. The different flows for bitumen water and chemicals are controlled individually and can be changed during production without any influence on each other. A great advantage of the in-line system is that there is no need to premix any chemicals or water solutions, all is added continuously during the production which means that the production can continue practically as long as required without any stop.



Technical description

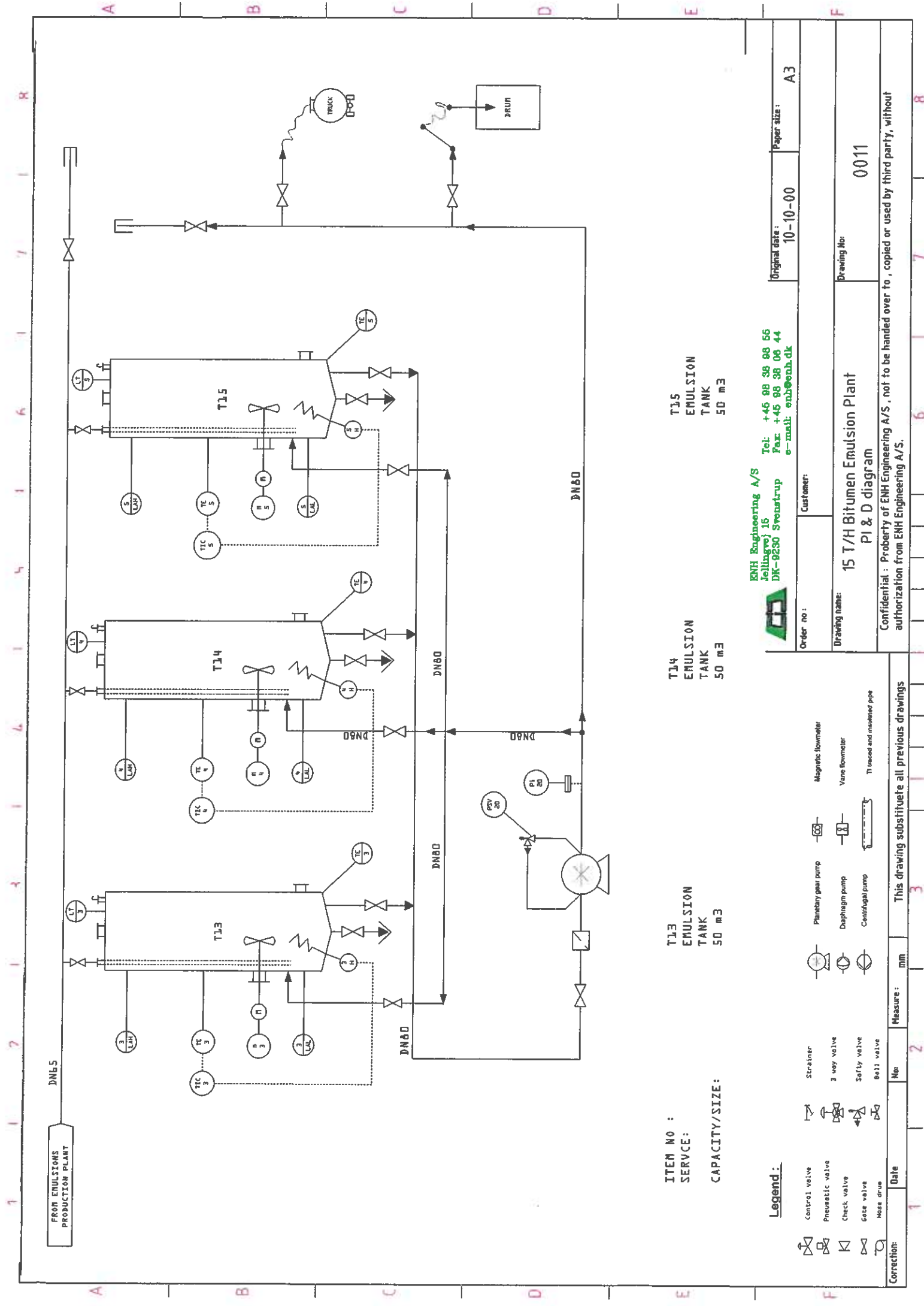
- Mill unit
- Bitumen system
- Solvent system
- Water system
- Chemical Unit
- Chemical tank battery
- Emulsion cooling system for heating production water
- Process control system (PCS)



For further information please do not hesitate to contact us.

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T15
EMULSION
TANK
50 m³

T14
EMULSION
TANK
50 m³

T13
EMULSION
TANK
50 m³

ITEM NO :
SERVICE :
CAPACITY/SIZE :

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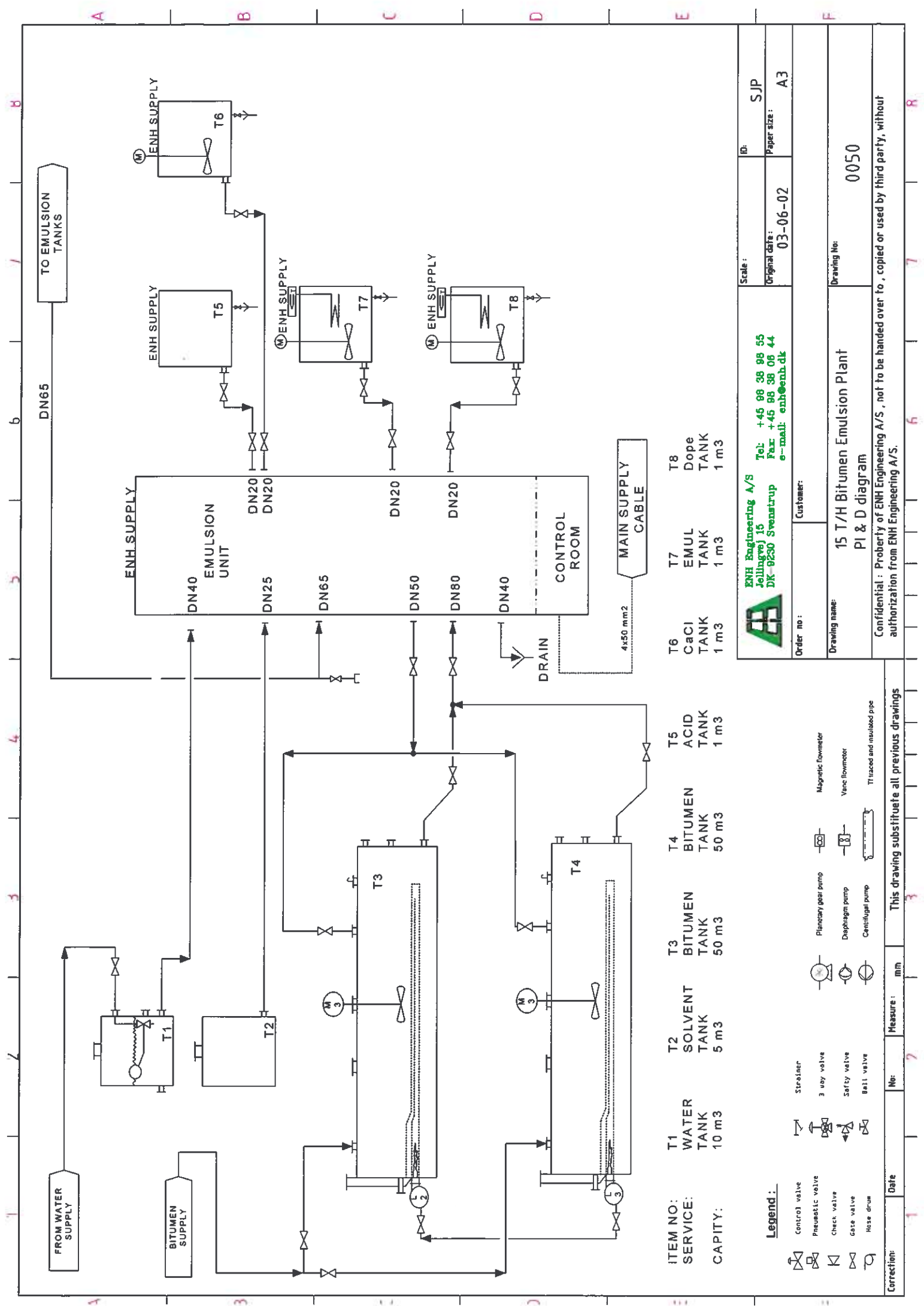
Original date :
10-10-00
Paper size :
A3

Order no :
Customer:
Drawing name:
15 T/H Bitumen Emulsion Plant
PI & D diagram
Drawing No:
0011

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Correction:	Date	No:	Measure :	mm	This drawing substitute all previous drawings

Legend :



ITEM NO: T1 WATER TANK 10 m3

SERVICE: T2 SOLVENT TANK 5 m3

CAPACITY: T3 BITUMEN TANK 50 m3

T4 BITUMEN TANK 50 m3

T5 ACID TANK 1 m3

T6 CaCl TANK 1 m3

T7 EMUL TANK 1 m3

T8 Dope TANK 1 m3

Legend:

- Control valve
- Pneumatic valve
- Check valve
- Gate valve
- Nose drum
- Strainer
- 3 way valve
- Safety valve
- Ball valve
- Planetary gear pump
- Diaphragm pump
- Centrifugal pump
- Magnetic flowmeter
- Vane flowmeter
- Traced and insulated pipe

Correction: _____ Date: _____

No: _____ Measure: mm _____

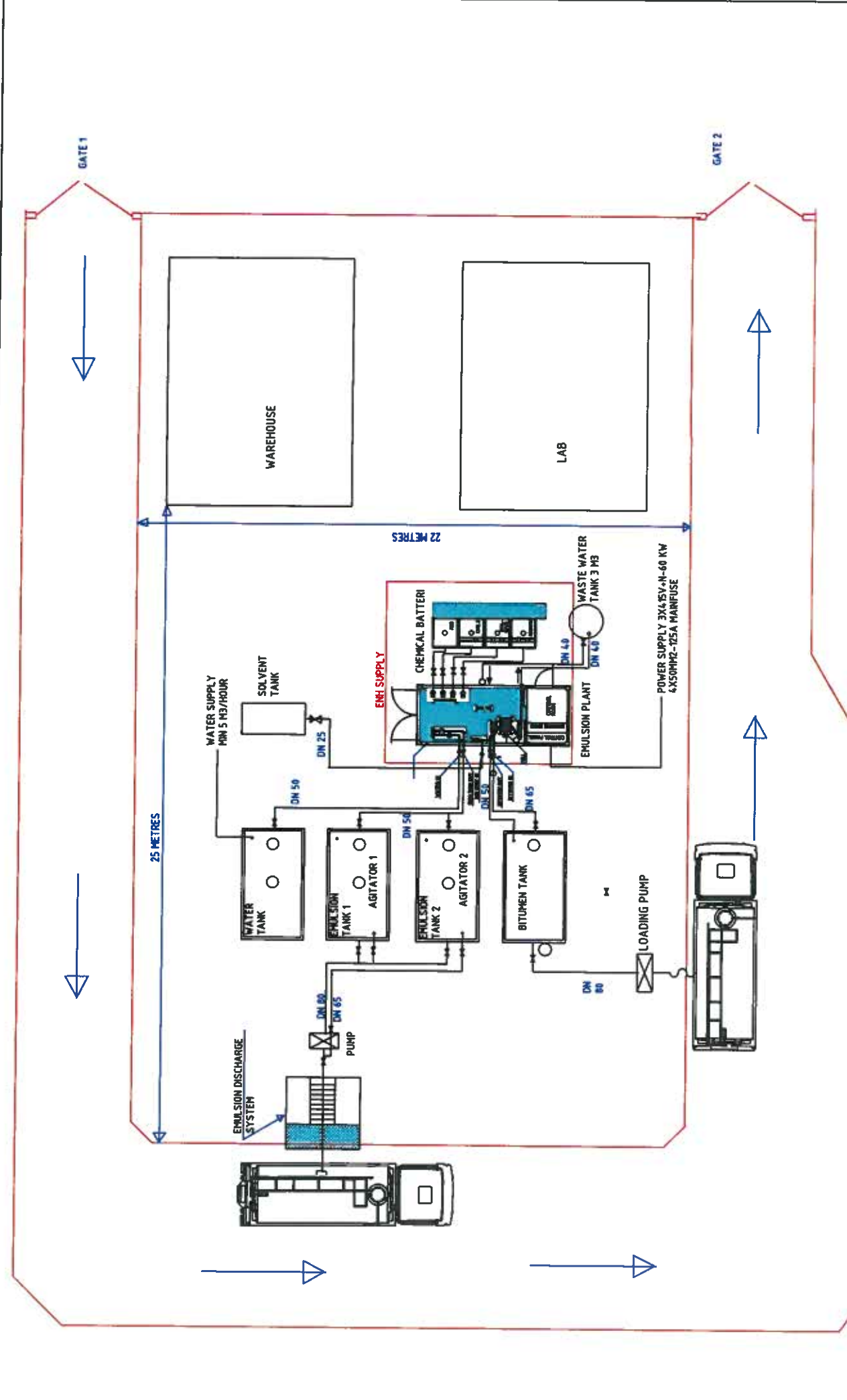
This drawing substitute all previous drawings _____


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Order no: _____ Customer: _____

Drawing name: 15 T/H Bitumen Emulsion Plant
 PI & D diagram
 Drawing No: 0050

Scale: _____ ID: SJP
 Original date: 03-06-02 Paper size: A3
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Order no: 11242-05 Drawing name: Emulsion plant 10 T/H - Site layout	Customer: _____ Drawing no: _____	Confidential - Property of ENH Engineering A/S. Not to be handed over to, copied or used by third party, without authorization from ENH Engineering A/S.