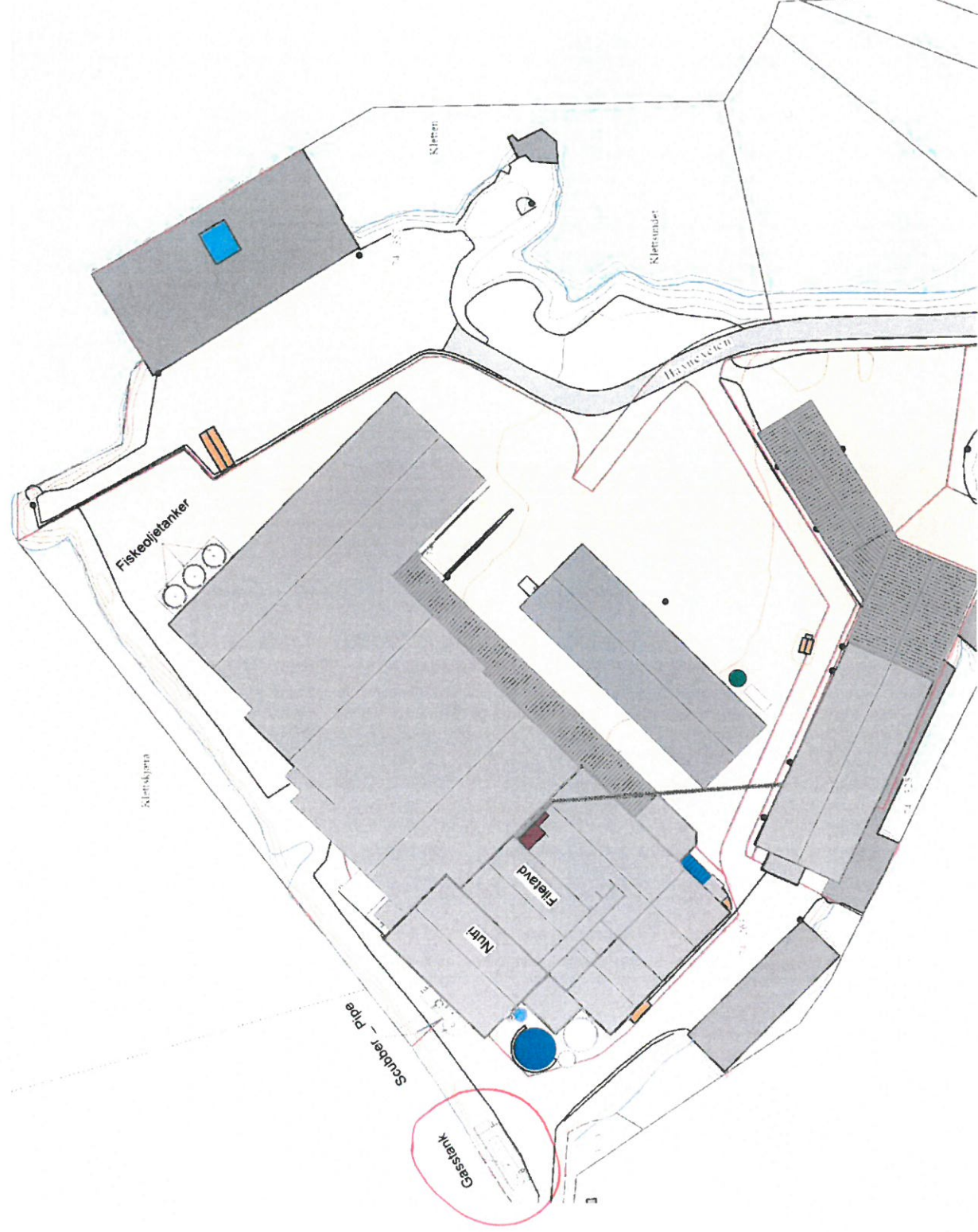


D1



1 5.A Områdekart_Plan
1:500

RÅDERGÅRD
ENTREPRENØR

www.aalodest.com/nv

Consultant
Address
Phone
Fax
e-mail

Consultant
Address
Phone
Fax
e-mail

Consultant
Address
Phone
Fax
e-mail

No. Description Date

Tegningsvedlegg
D1
Situasjonsplan

NUTRI_UTVENDIG
UTSTYR

Tomteplan

Project number

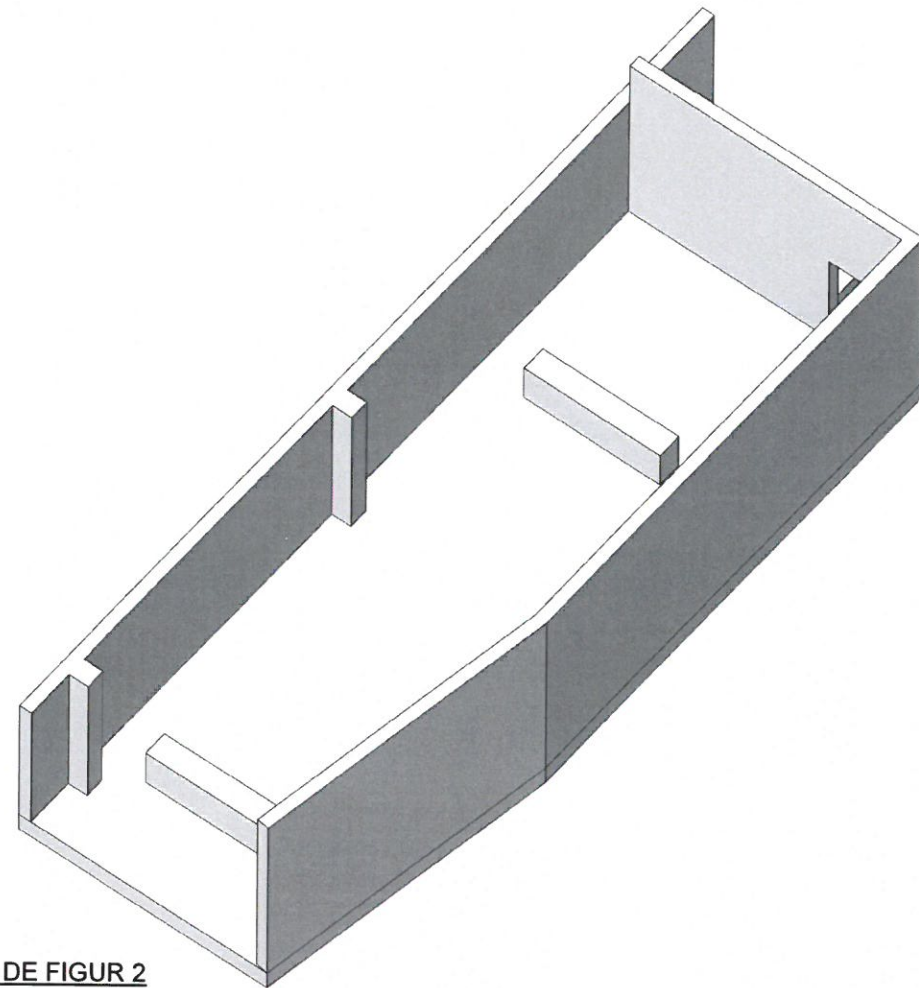
Date 12.07.2020

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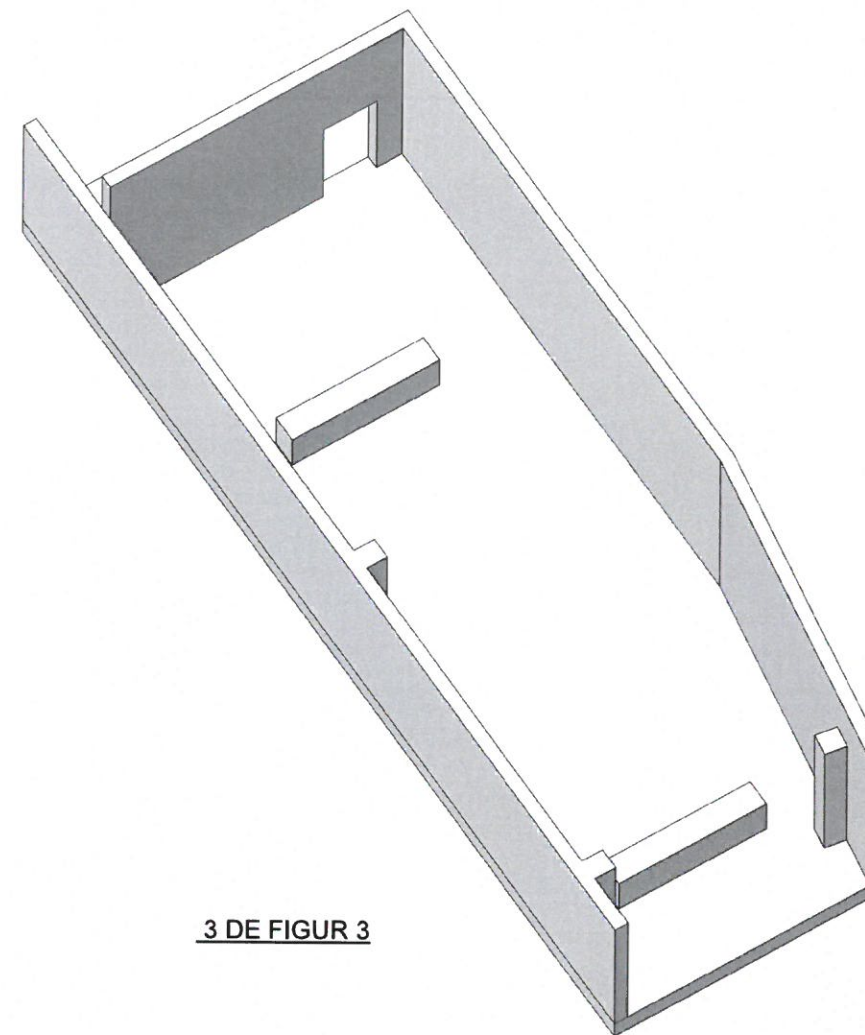
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A200-A1

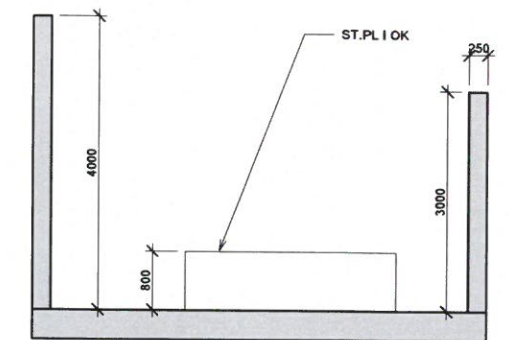
12.07.2020 10:07:58



3 DE FIGUR 2

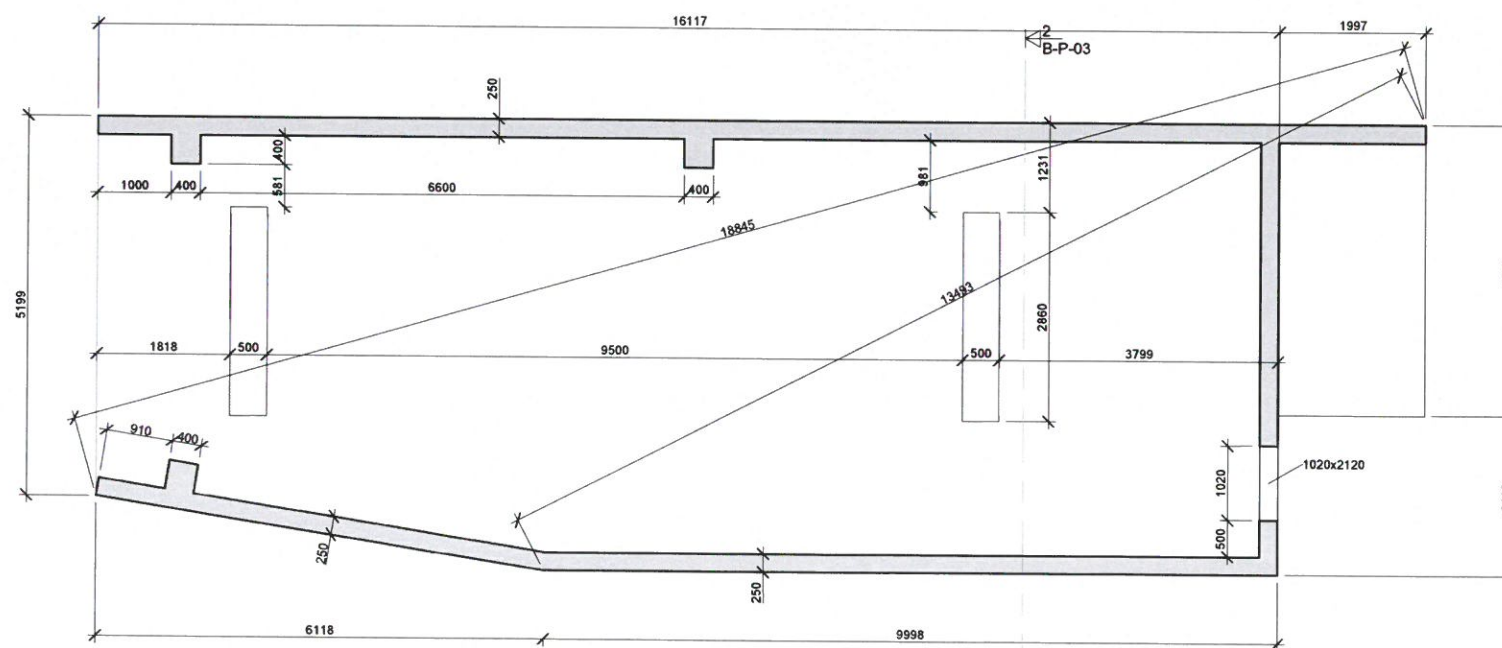


3 DE FIGUR 3



SNITT C-C
1 : 50

TEGNING: FUNDAMENT GASSTANK	TEGN.NR. B-P-03
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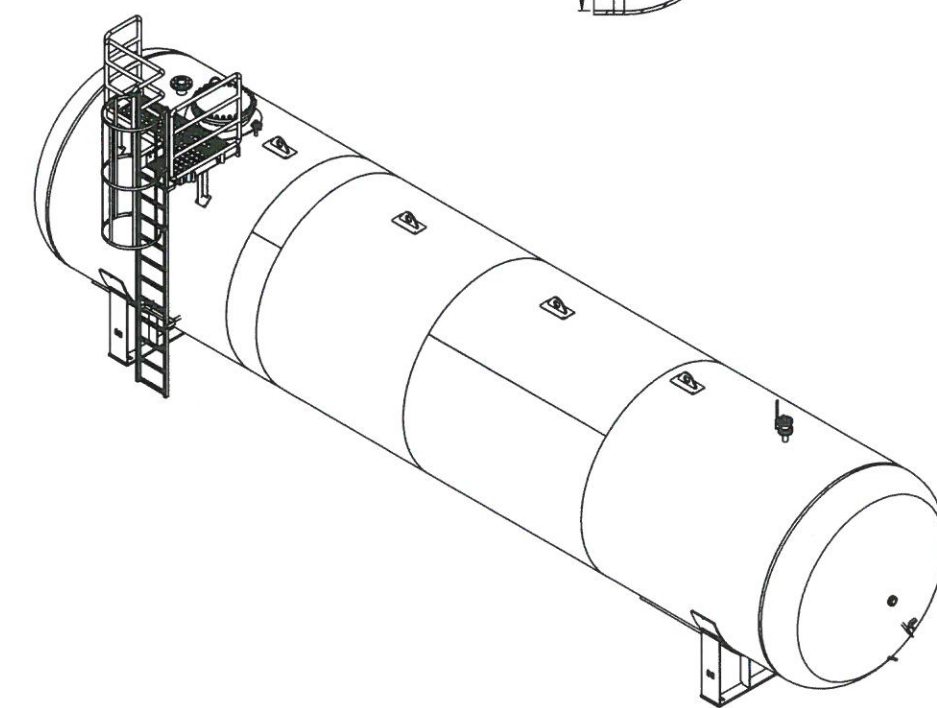
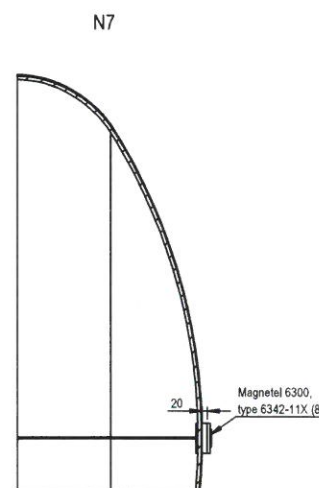
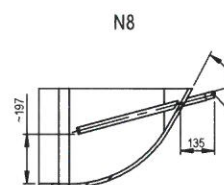
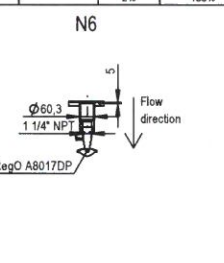
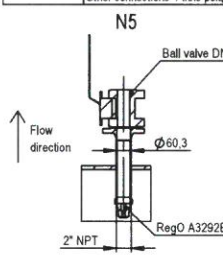
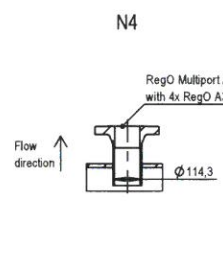
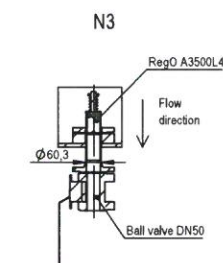
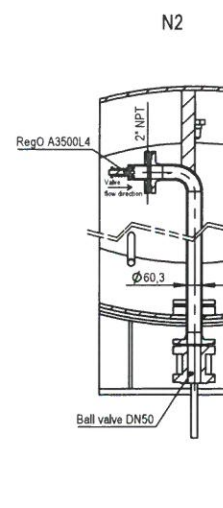
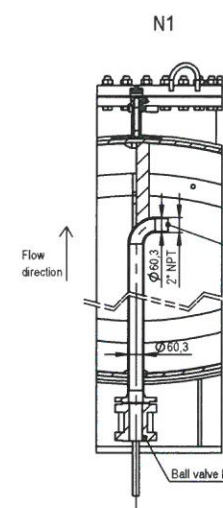
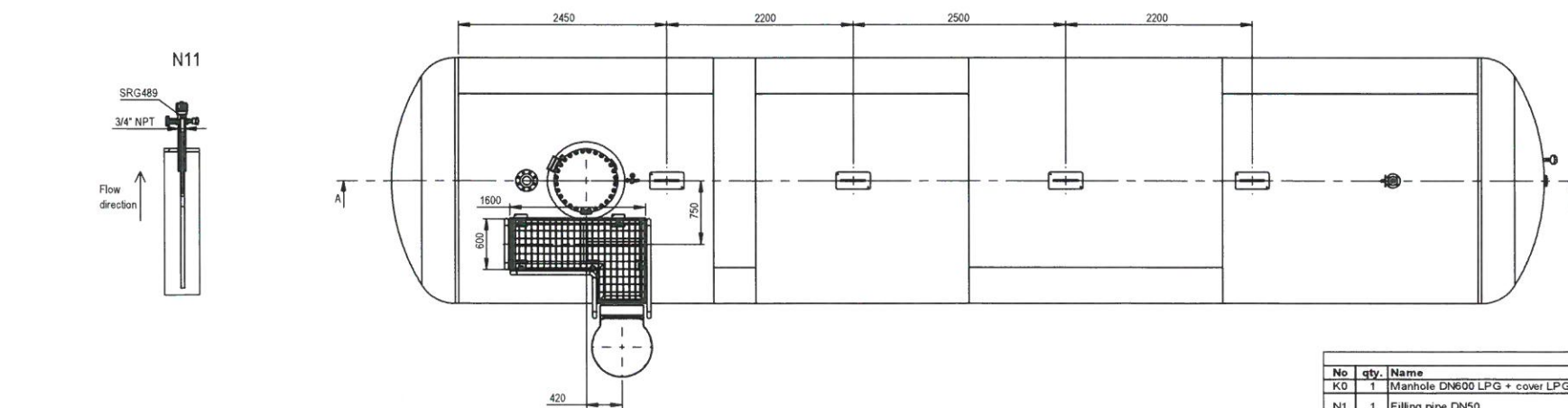
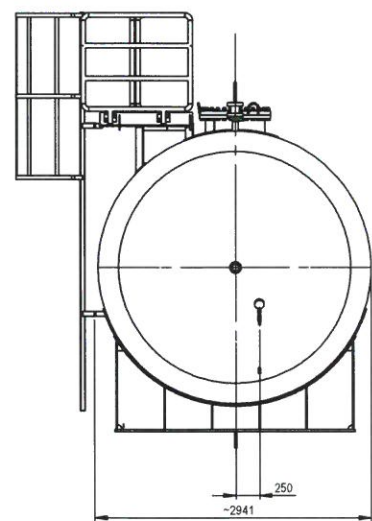
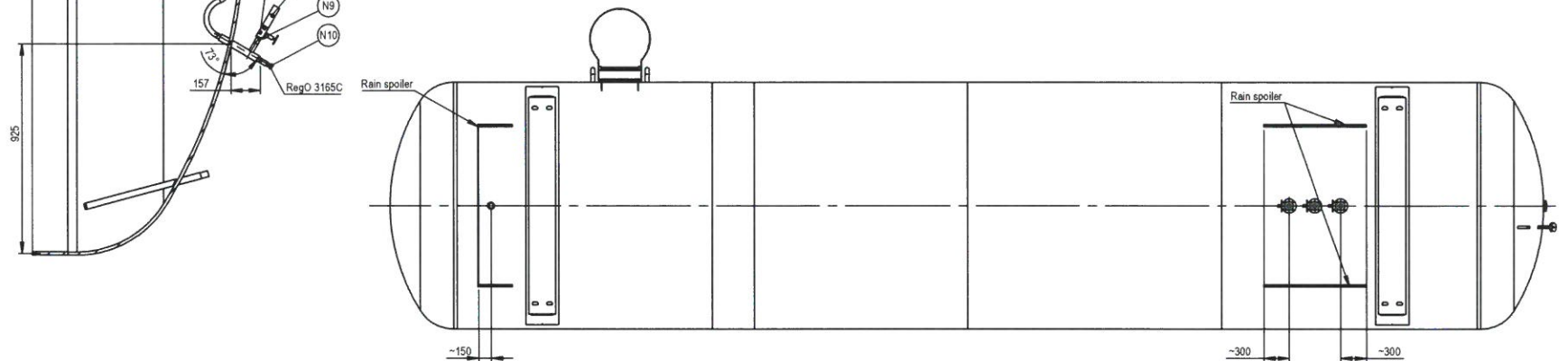
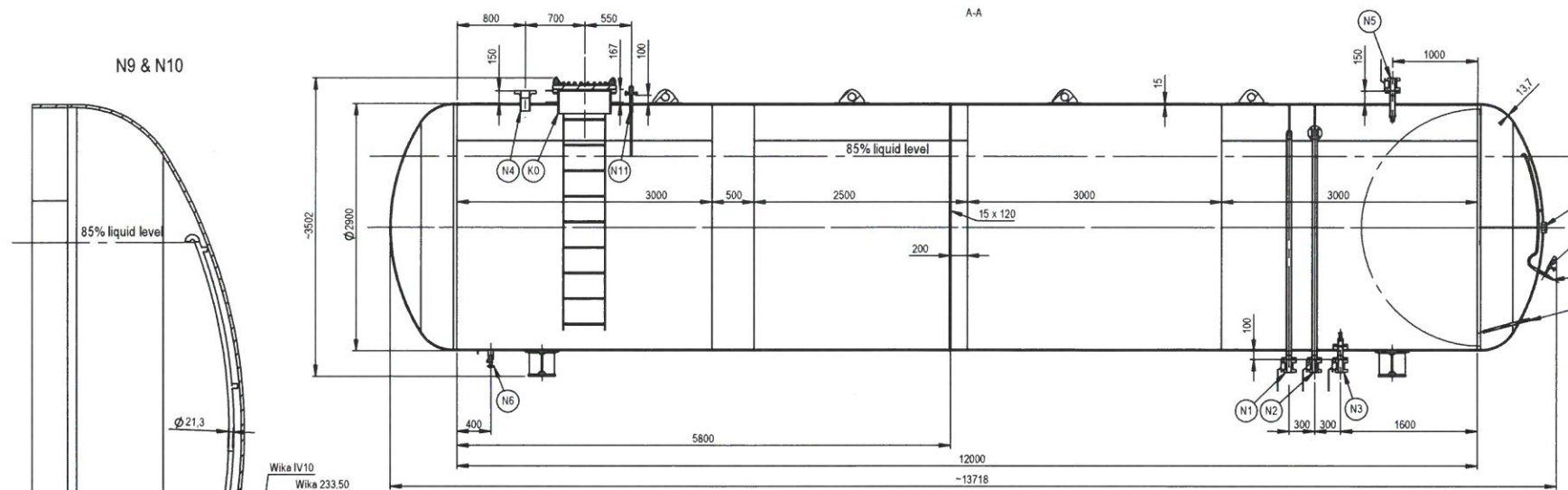
Nivå 1 FUNDAMENTPLAN FUNDAMENT GASSTANK
1 : 50

SNITT C-C
B-P-03



GENERELT

PROSJEKTSTATUS	ARBEIDSTEGNING
TEGNET	WJ
KONTROLLERT	WJ
MAL	1 : 50
DATO	01/28/20
REV.	REVIDERING GJELDER
DATO	
PROSJEKT:	NUTRIBYGGET
TEGNING:	FUNDAMENT GASSTANK
SAK NR.	537
TEGN.NR.	B-P-03



Tęgujnsredlegg
E2

Revision	Name	Date	Signature	Scope of modification
01	R. Szymanowski	10.12.2019	RS	N1, N2 and N3 have been moved to the opposite end, N7, N8, N9 and N10 have been moved to the opposite end and size N11 has been changed to DN50. On N6 has been added RegO A3292B
02	R. Szymanowski	19.12.2019	RS	Equipment of nozzle N9 have been added. Nozzle N11 has been added.
03	R. Szymanowski	29.01.2020	RS	Thickness of tank shell has been changed. Mass of tank has been changed.

TANK DATA / DANE ZBIORNIKA	
Project rules / Przepisy prawne	Pressure Directive / Dyrektywa ciśnieniowa- 2014/68/UE EN 13445
Module / Moduł	H1
Medium / Medium	LPG
Group of fluids / Grupa płynów	IV
Category / Kategoria	IV
Working pressure / Ciężnienie pracy PS	+15,6 / -1,0 bar
Working temperature / Temperatura pracy TS	-40 / +40 °C
Design pressure / Ciężnienie projektowe PD	+15,6 / -1,0 bar
Design temperature / Temperatura projektowa TD	-40 / +40 °C
Test pressure / Ciężnienie testowe PT	22,3 bar
Test medium / Czynnik testu	water / woda
Safety factor - tests / Współczynnik bezpieczeństwa przy testach	1,5
Safety factor - in use / Współczynnik bezpieczeństwa przy eksploatacji	1,05
Factor elded joints / Współczynnik złącz spawanych	0,85
Corrosion allowance / Nadatek na korozję	1 mm
Tightness test with amature / Próba szczelnościowa	5 bar
Medium leak test / Medium testu szczelności	air / powietrze
Tank with full equipment amature and nitrogen / Zbiornik z pełnym wyposażeniem jest zaopatrzony	max 0,5 bar
Procedure for cheking / Procedura sprawdzająca	PN-EN ISO 15614
Control of execution / Kontrola wykonania	PN-EN ISO 5817
Welding supervision / Nadzór spawalnicy	PN-EN ISO 14731
Details of welding / Szczegóły spawania	Welding plan / Plan spawania
Preparation / Przygotowanie	SA 2,5
Coating / powłoka	RAL 9010 C5M
Thickness / grubość	acc. to painting card / wg karty malowania
Tests / testy	
Guidelines for tests / Wytyczne badań	PN-EN ISO 9712
Recognition of non-destructive personnel / Uznanie personelu badań nieniszczących	PN-EN ISO 9712
Method of tests / Metoda badań	RT / UT
Longitudinal connections / Złącza wzdłużne	10%
Butt connections / Połączenia krzyżowe	10%
Circular connections / Złącza doczołowe	5%
Stub pipe welded / Kńcioce przyspawane	10%
Flillet connectors / Złącza pachwinowe	2%
Other connections / Inne połączenia	2%

Connections				Name		Date	Signature	Remarks
No	Qty	Name	Pipe	Flange / Socket	Remark			
K0	1	Manhole DN600 LPG + cover LPG	628 x 14	-	-	Designed	Rafał Szymanowski	04.12.2019
N1	1	Filling pipe DN50	60.3 x 4.0	Flange DN50 PN40 11B (outside tank) Thread 2" NPT (inside tank)	Ball valve PEKOS DN50 PN40 Z06-TTGT fire-safe RegO 6586D	Checked	Mateusz Dubiel	04.12.2019
N2	1	Gas return pipe DN50	60.3 x 4.0	Flange DN50 PN40 11B (outside tank) Flange with thread 2" NPT (inside tank)	Ball valve PEKOS DN50 PN40 Z06-TTGT fire-safe RegO A3500L4 (adjusted from suction) RegO A3500L4	Approved	Wojciech Kujawa	04.12.2019
N3	1	Suction pipe DN50	60.3 x 4.0	Flange DN50 PN40 11B (outside tank) Flange with thread 2" NPT (inside tank)	Ball valve PEKOS DN50 PN40 Z06-TTGT fire-safe RegO A3500L4			
N4	1	Safety valves pipe DN100	114.3 x 4.0	Flange 4" ANSI B16.5 cl. 300	Multiport RegO A8574G with 4x RegO A3149MG			
N5	1	Nozzle DN50	60.3 x 4.0	Flange DN50 PN40 11B Thread 2" NPT (inside tank)	Ball valve PEKOS DN50 PN40 Z06-TTGT fire-safe RegO A3292B			
N6	1	Drainage pipe DN32	57 x 4.0	Socket 1 1/4" NPT	RegO A8017DP			
N7	1	Liquid level	-	-	Liquid level gauges Magnetel 6300, type 6342-11X (8")			
N8	1	Thermometer connector	26.9 x 4.0	Socket 1/2"	Thermometer			
N9	1	Manometer connector	-	Socket 1/4" NPT	Wika needle valve IV10 + Wika pressure gauge 233.50			
N10	1	Connector of the control maximum filling	-	Socket 1/4" NPT	RegO 3165C			

TANK LPG 84m3 Ø2900 1ch aboveground horizontal singleskinned		Name		Date	Signature	Remarks
Index	986-009-0006					
Drawing number	960_14.EN.290.084.01.2901					
Configuration	-					

Workshop tolerances		Welding tolerances		Material	
PN-EN ISO 22788-m	EN ISO 13920:1996 CG	P355NL1			
Mass [kg]	~18700	Edges	ISO 13715 1-5	Scale	1:50
Revision	03	CGH Polska SP. z o.o.		Forma	A1
		ul. Świerkowa 19 85-461 Bydgoszcz, Poland tel. +48 52 735 88 88 e-mail: info@cg.com.pl www.cg.com.pl		Sheet	1/1