Statens vegvesen

Linetech GmbH & Co. KG
Von-Hünefeld-Straße 99
50829 Köln
Tyskland

Behandlende enhet:	Saksbehandler/telefon:	Vår referanse:	Deres referanse:	Vår dato:
Vegdirektoratet	Matteo Pezzucchi / 22073246	15/212577-17		08.12.2015

Godkjenning av LT 103 vegrekkverk

Det vises til søknad vedrørende godkjenning av LT 103 vegrekkverk fra Linetech GmbH & Co. KG, med journalnummer 2015001661-19 datert 28.04.15.

Søknaden inneholder:

- Fra TÜV Rheinland TNO Automotive International testsenter: testrapportnummer 12.TR.146/RSC datert 05.03.2014. TB11 test av LT 103 vegrekkverk.
- Fra TÜV Rheinland TNO Automotive International testsenter: testrapportnummer 12.TR.147/RSC datert 05.03.2014. TB11 test av LT 103 vegrekkverk.
- Fra Linetech GmbH & Co.: tegning LT 103, H2 datert 03.12.15 og rekkverkets installasjonsmanual.

Rapportene er gjennomgått og kontrollert i henhold til NS EN1317-1,2 og 5.
LT 102 er et plasstøpt betongrekkverk med stålforsterking. Stålforsterkingen består av 6 stålstenger som løper langs barrierens lengden. Rekkverket er utformet til step profil på begge sider av rekkverket.

Rekkverket har en totalbredde på 0,54m og høyde på 0,90m (uten kantdrager). LT 103 er testet med en lengde på ca. 60m uten å være festet til underlaget.

Testene tilfredsstiller kravene til styrkeklasse H2.

LT 103 midlertidig rekkverk godkjennes til følgende bruk:

- Styrkeklasse H2 og skadeklasse C med arbeidsbredde W2 (W=0,8m), største dynamiske deformasjon D=0,2m og krengningsklasse VI2.

LT 103 skal støpes i henhold til produsent/leverandørens installasjonsbeskrivelse. Nedførte rekkverksender kan benyttes i henhold til N101 krav.

Kontor for kontroll og godkjenning av bruer
Med hilsen

Inger M Steen Hegrenæs
Kontorleder

Matteo Pezzucchi

Dokumentet er godkjent elektronisk og har derfor ingen håndskrevne signaturer.

Statens vegvesen
Norwegian Public Roads Administration

Linetech GmbH & Co. KG
Von-Hünefeld-Straße 99
50829 Köln
Tyskland

Executive unit:	Contact person/Telephone:	Our reference:	Your reference:	Our date:
Directorate of Public Roads	Matteo Pezzucchi / 22073246	15/212577-17		08.12.2015

Approval of LT 103 safety barrier

With reference to the application letter concerning the approval of LT 103 cast in place safety barrier by Linetech GmbH & Co. with reference number 2015001661-19 dated 28.04.15 and the following documents:

- From TÜV Rheinland TNO Automotive International test centre: test report number 12.TR.146/RSC dated 05.03.2014. TB11 test of LT 103 safety barrier.
- From TÜV Rheinland TNO Automotive International test centre: test report number 12.TR.147/RSC dated 05.03.2014. TB51 test of LT 103 safety barrier.
- From Linetech GmbH & Co.: drawing Linetech LT 103, H2 dated 03.12.15 and product's installation manual.

Reports are reviewed and controlled according to NS EN1317-1, 2 and 5.
LT 103 is cast-in-place concrete safety barrier. Six steel rods running along the barrier length ensure the reinforcement. The safety barrier is shaped into step profile on both sides.

LT 103 leans on the asphalt without any anchoring. The safety barrier is 0.54 m large and 0.90 m high. Tests are carried out with a system length of approximately 60 meter.

The tests meet the requirements for containment level H2

LT 103 cast-in-place concrete safety barrier receives attestation of conformity for use as follows:

- Containment level H2 and impact severity level C with working width class W2 (W=0.8 m), maximum dynamic deflection D=0.2 m and vehicle intrusion class VI2.

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0667 OSLO

Address for invoices
Statens vegvesen
Landsdekkende regnskap

N-9815 Vadsø, NORWAY

LT 103 must be cast in place in accordance with the installation's instruction given from the producer. Safety barrier terminals must be selected according to the existing national specification.

The acceptance is limited to use within Norwegian Public Roads Administration.

In case of any discrepancy between the English and the Norwegian approval letter, the Norwegian version should be act as the original.

Office for Control and Approval of Bridges
Regards

Inger S. Hegrenæs
Head of Office

Matteo Pezzucchi

This document has been digitally archived and thus contains no handwritten signatures.

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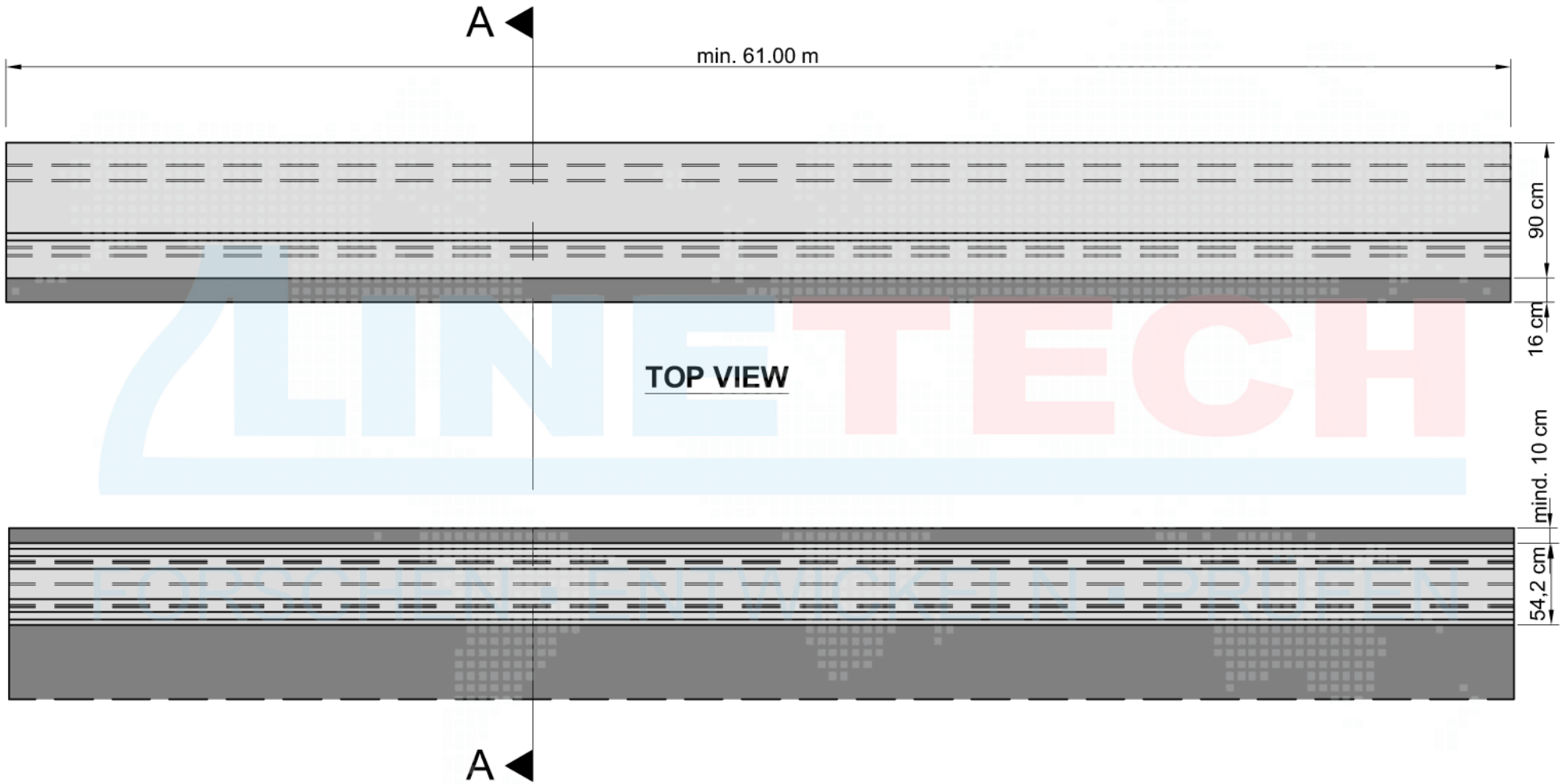
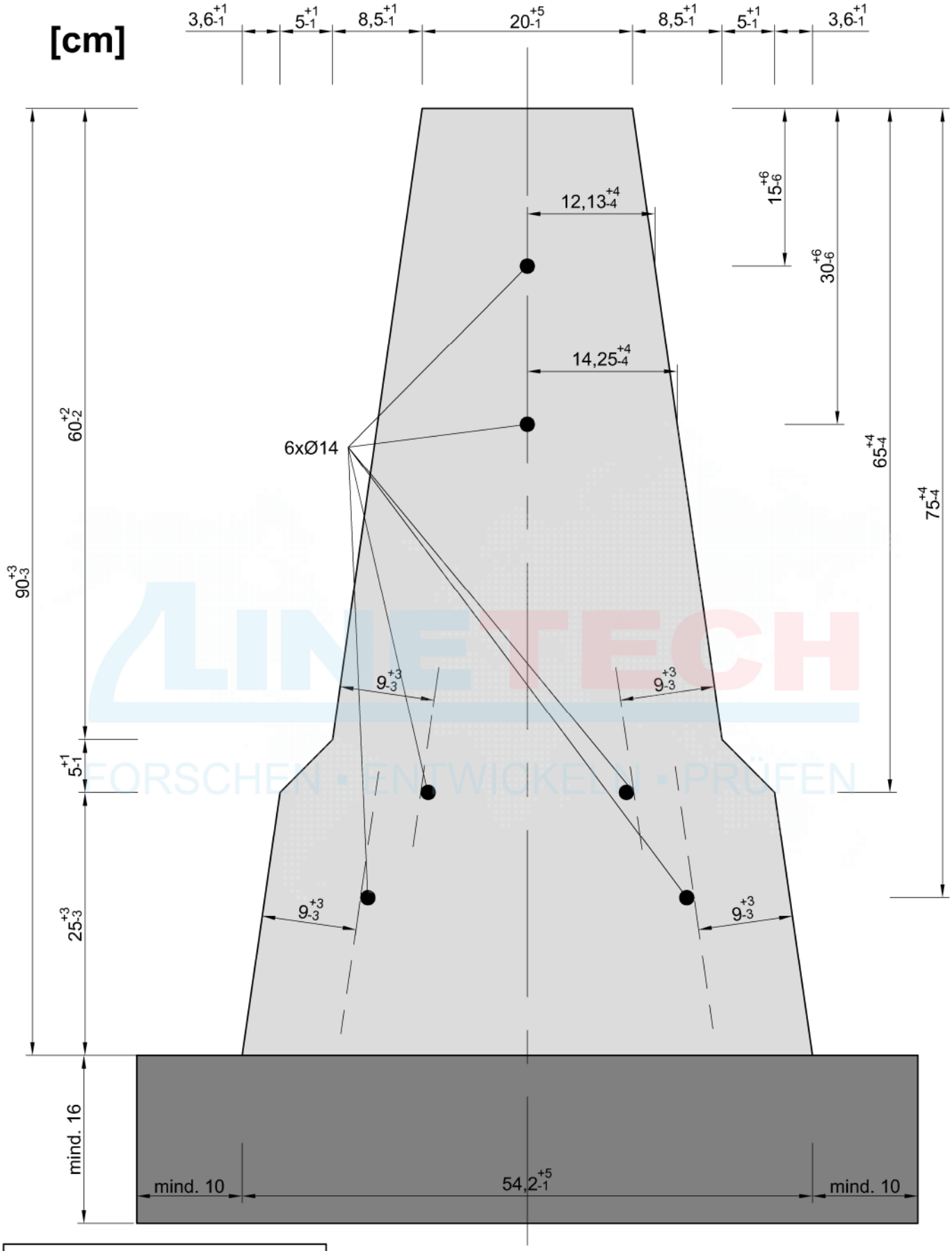
SIDE VIEW



joint all 5.00 m

LINETECH GmbH & Co. KG		scale:	sheet: 1
Linetech LT 103, H2	system structure		
		date	name
	edited	04.12.2015	Vogler



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MATERIAL

concret: C 30/37 LP
XC4, XD3, XF4, WA
reinforcement: B500B or
B500B NR 1.4482 (4486)
underground: asphalt

LINETECH GmbH & Co. KG		scale:	sheet: 1
Linetech LT 103	section A-A		
		date	name
	edited	04.12.2015	Vogler