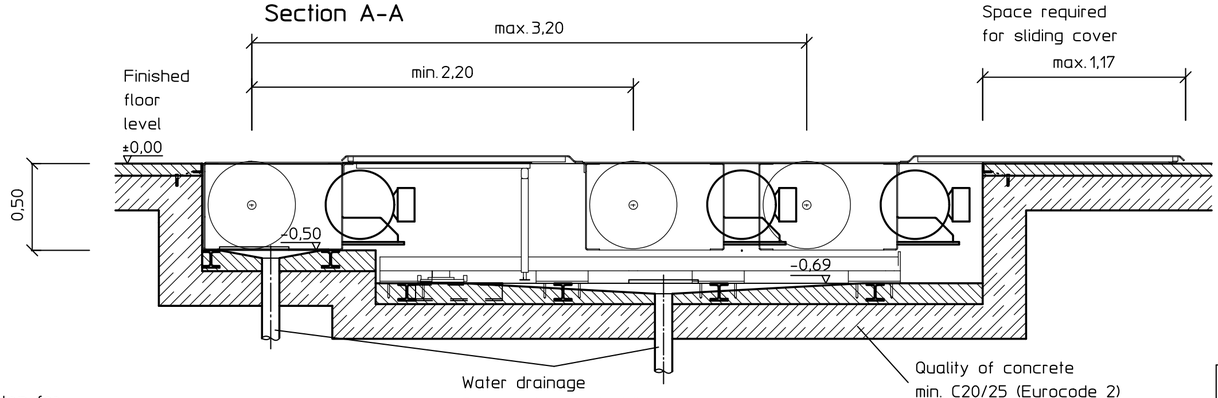
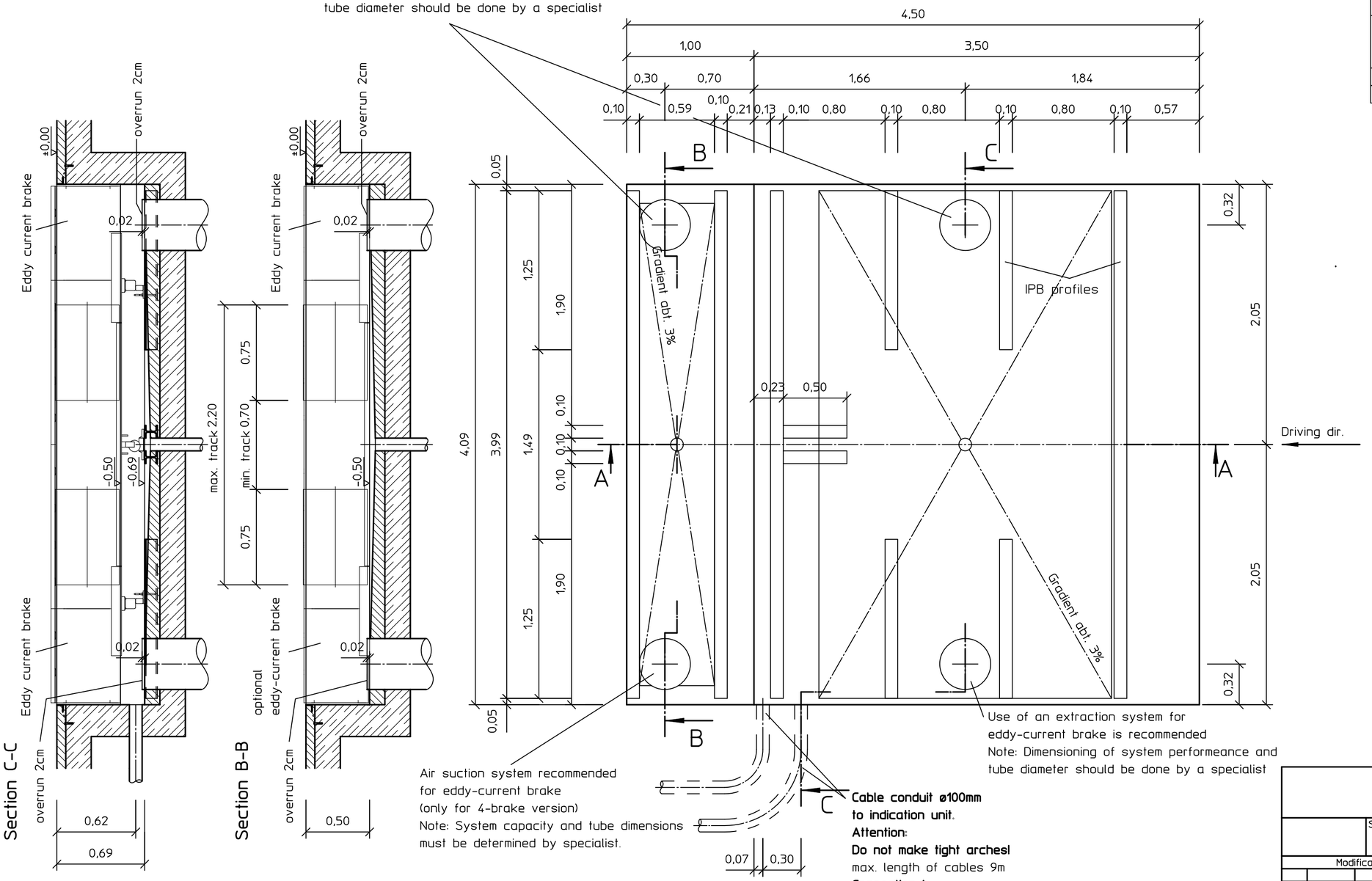
Performance tester
for car 4WD
MSR 500
Testable wheelbases 2,20–3,20 m

	5,80to	Net weight
+	2x 2,50to	max. axle load
=	10,80to	max. load
		Foundation plate

Section A-A



Use of an extraction system for
eddy-current brake is recommended
Note: Dimensioning of system performeance and
tube diameter should be done by a specialist



Air suction system recommended
for eddy-current brake
(only for 4-brake version)
Note: System capacity and tube dimensions
must be determined by specialist.

Cable conduit ø100mm
to indication unit.
Attention:
Do not make tight arches!
max. length of cables 9m
Connection in
driving direction alternatively
on the left or right
please specify with order

Power supply:
power 3x400V +N +PE
Compressed Air R1/4" or hose DN8; 8bar
maintenance unit to be provided by the builder!
to be laid to indication unit with approx. 2m overhang!

Version	Fuse (supplied by customer): time-delay gG in A	Number of eddy current brakes	Electric motor
MSR 500	63	3(4)	2x22kW
MSR 500	63	3(4)	2x30kW

Inner size of pit
LxWxD 4,50x4,09x0,69/0,50mm
Attention: The inner width must not be
less than indicated in the installation
plans. Rectangularity of foundation
must be absolutely maintained.

IPB profiles by customer
4 pcs. IPB 100 1250lg.
4 pcs. IPB 100 3990lg.
2 pcs. IPB 100 500lg.

Attention: The IPB profiles must form
an exactly levelled surface;
max. tolerance 3mm.

Please provide for a good
connection between IPB profiles
and reinforced concrete foundation.

We recommend
angle iron pit frame
for edge protection.

All dimens. in m

The buyer is responsible
for checking all dimensions

Please do not use cable conduit
elbows beyond 45°.

Regarding the necessary space for performance
tester and the position of the vehicle restaint plates
for LPS tester please see positioning suggestion P0138

Use of an extraction system for
eddy-current brake is recommended
Note: Dimensioning of system performeance and
tube diameter should be done by a specialist

Note protection mark as per DIN ISO 16016

Language: English | State: 4

Scale: 1:25

	Date	Name
Drawn	01.02.11	rroemisc
Check	17.03.17	thschwar

Modifications

Ind.	No.	Date	Name
A	07033	17.03.17	thschwar

Item.No.: F0538

Description: MSR 500 für Allrad, 3(4) Bremsen
Fundamentplan

Drawing No.: F0538 | Index: A | Sheet: 1 of 3

Original size of drawing: A2 | Created from: | Origin: F0537- | S.sedes: | S.seded by: