amager ressource center

SIPRAL

Copenhagen | November 12 2015 | Radim Kostial

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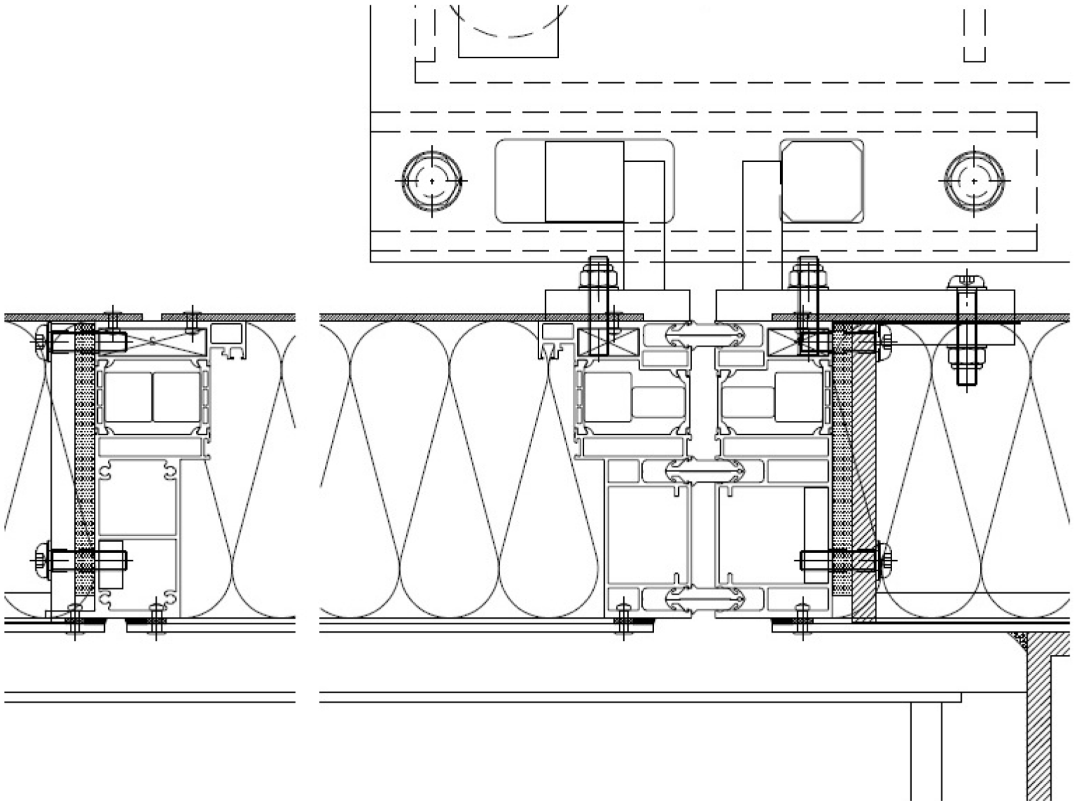
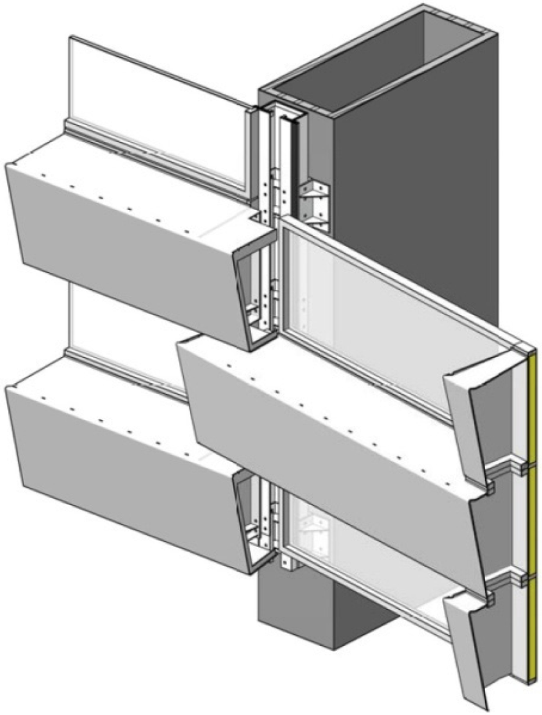
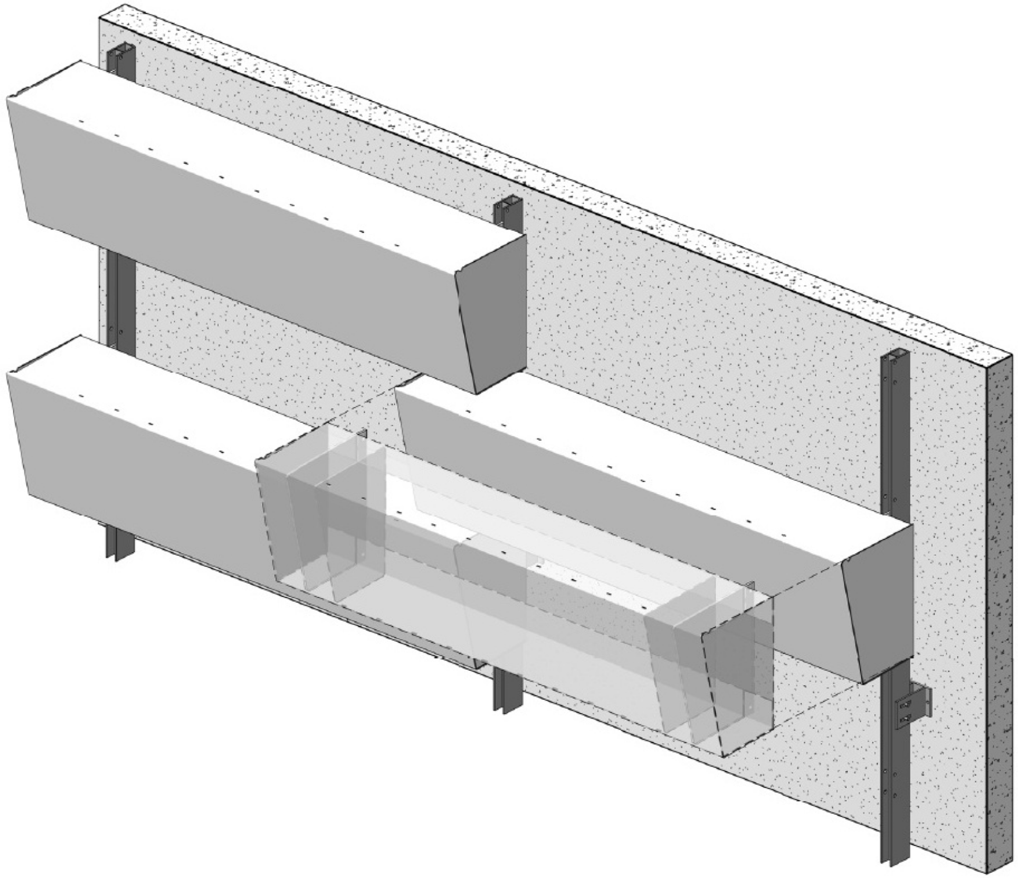
technical solution





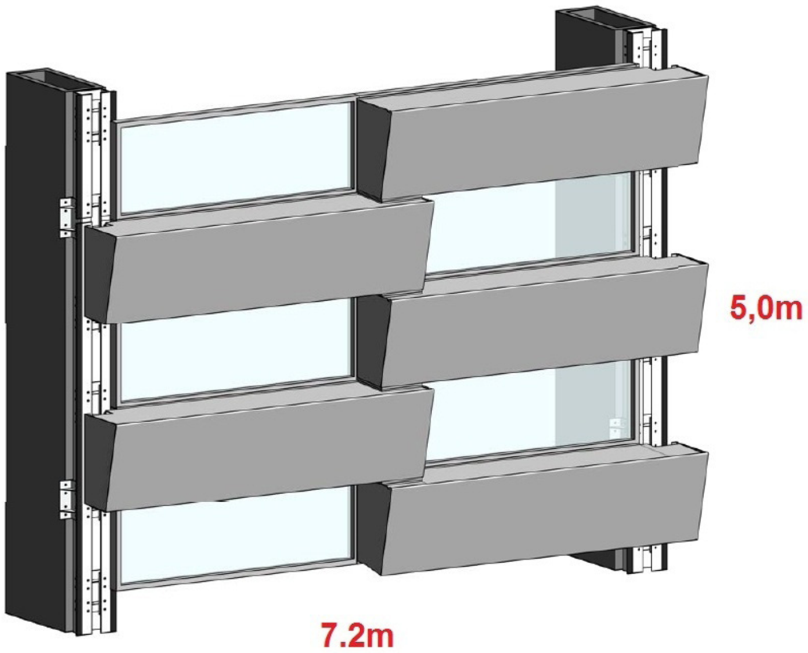
facade type A2

tender solution



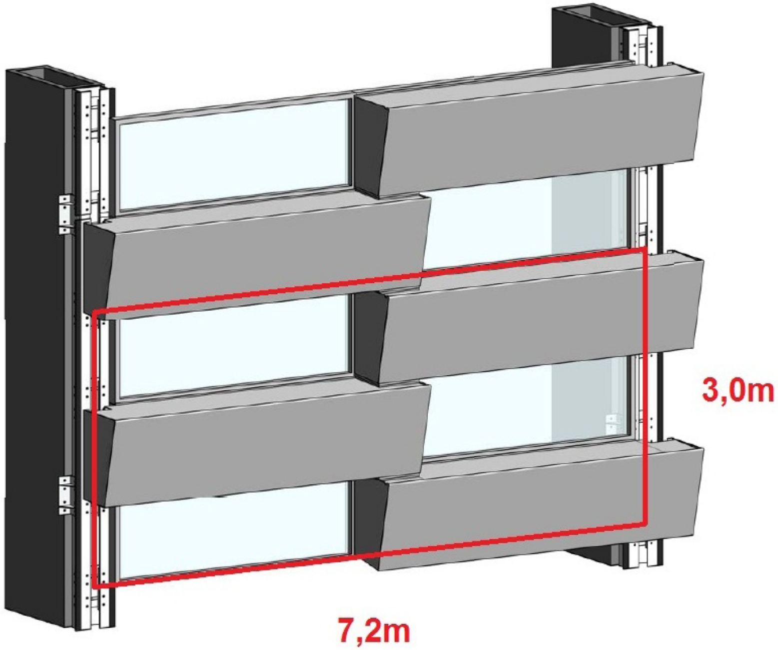
facade type A3 – office

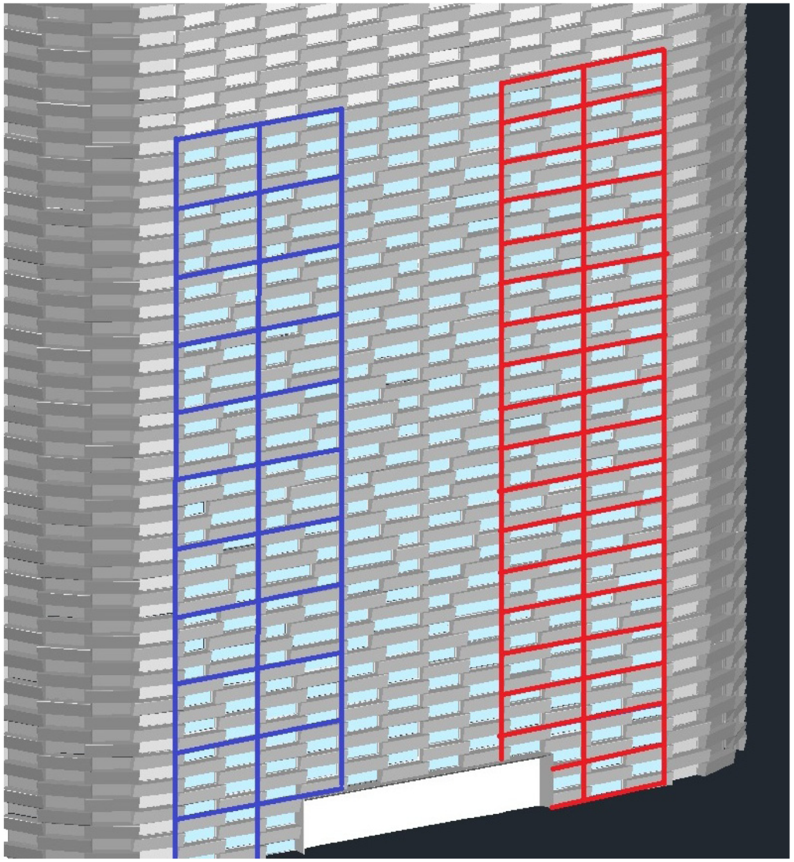
tender solution



facade type A3 – office

Sipral's proposal





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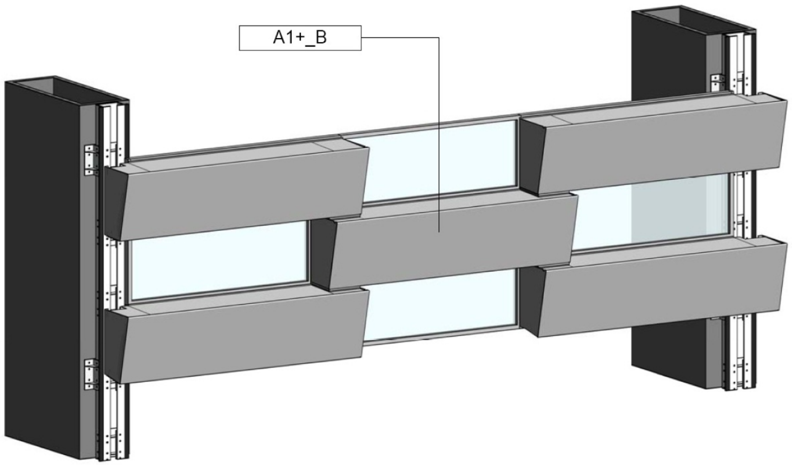
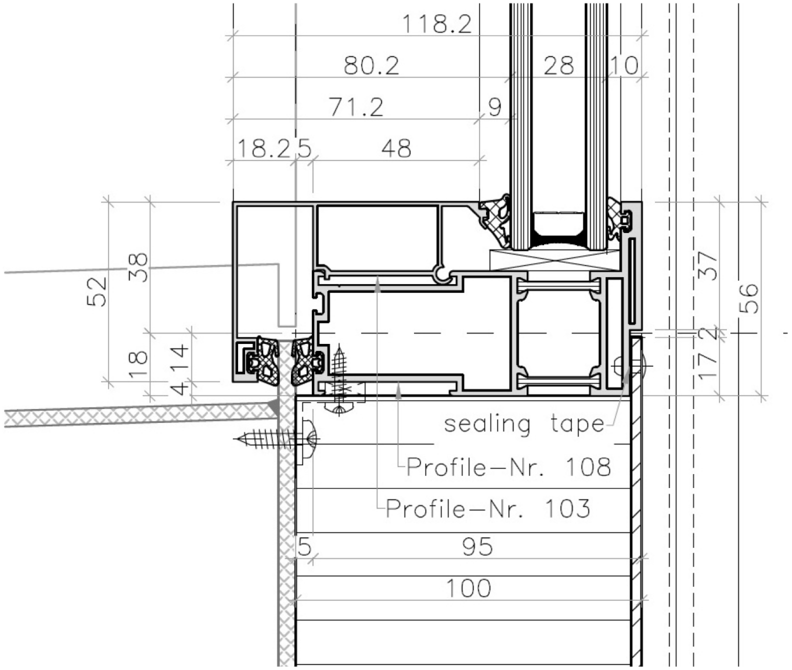
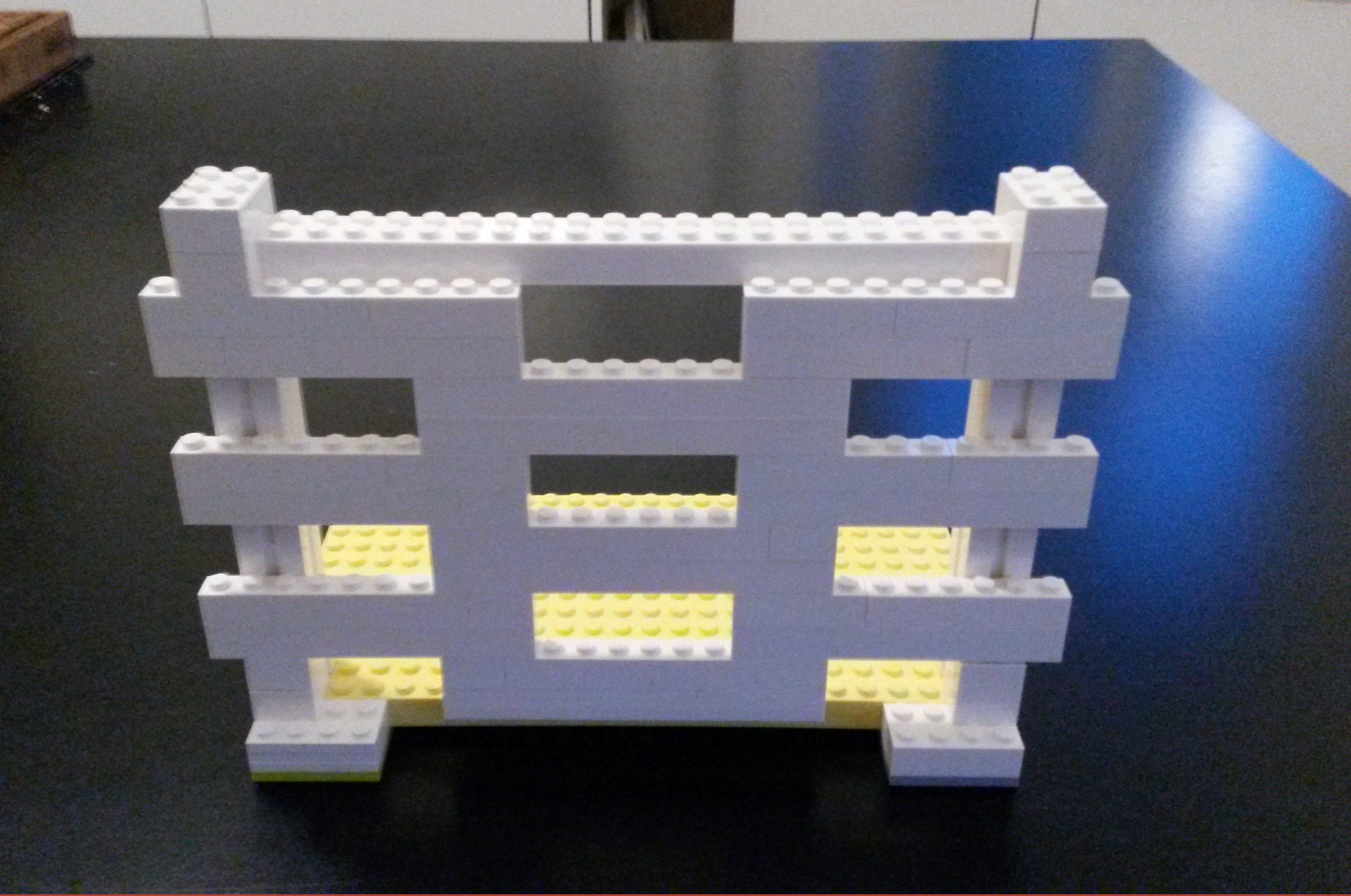
facade type A1+

tender solution

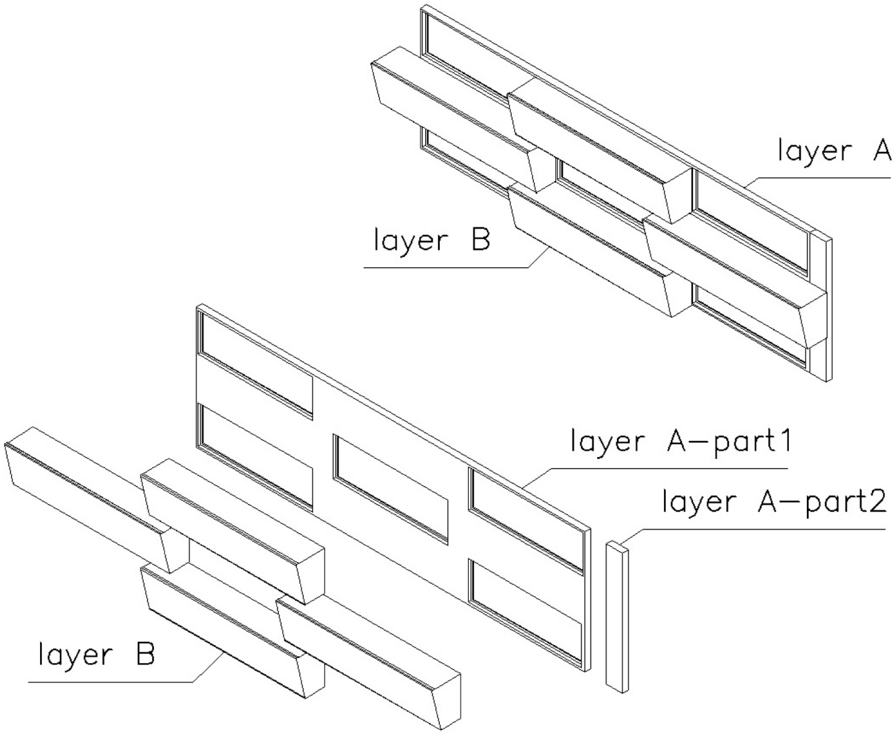






facade type A1+

Sipral's proposal



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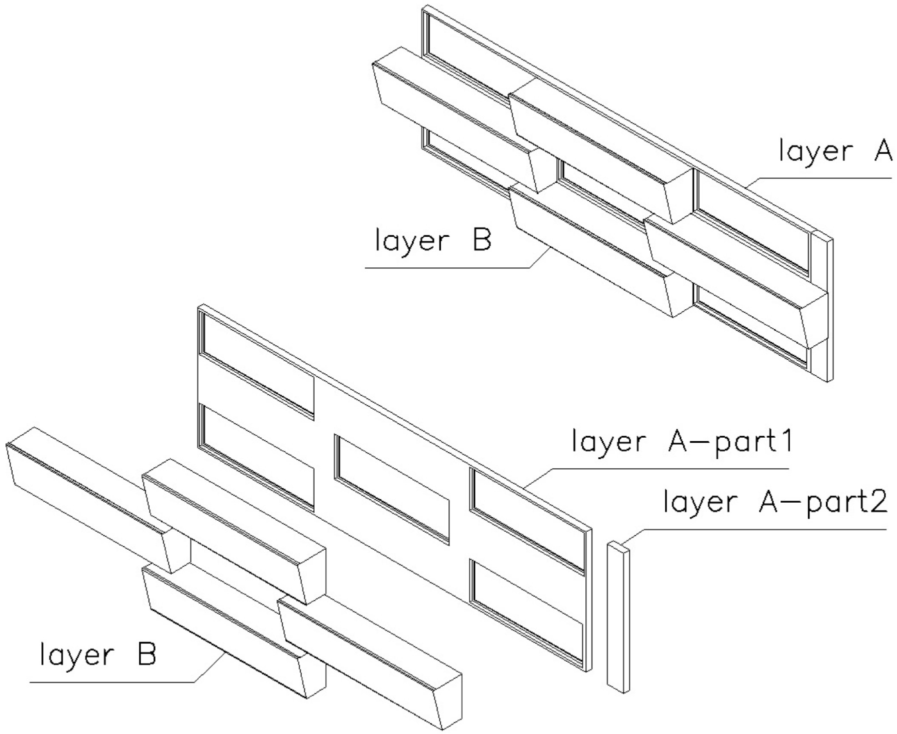
facade type A1+

Sipral's proposal



- independent function
- controlled environmental production
- standard unitized principles
- lighter units
- 2 step installation

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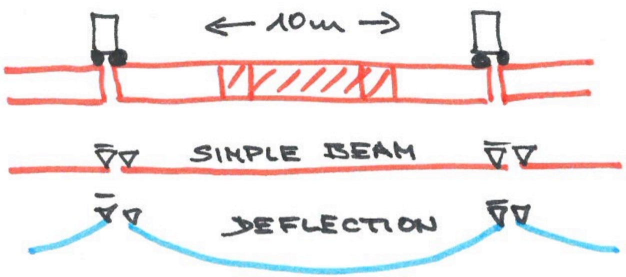
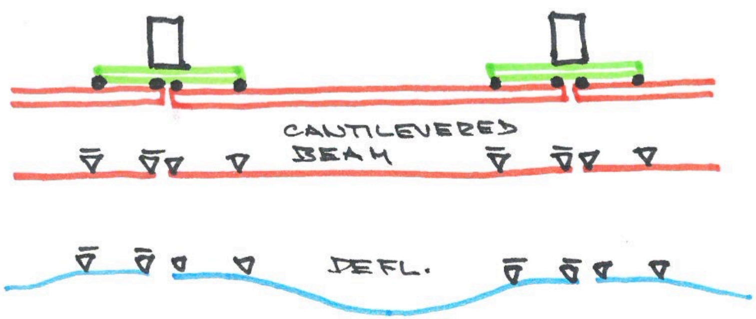
ARC COPENHAGEN - TORSION OF STEEL COLUMNS

SPAN BETWEEN COLUMNS = 10 m

1) TENDER SOLUTION

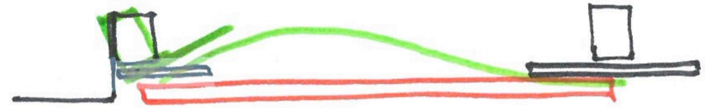


2) SIPRAL's SOLUTION

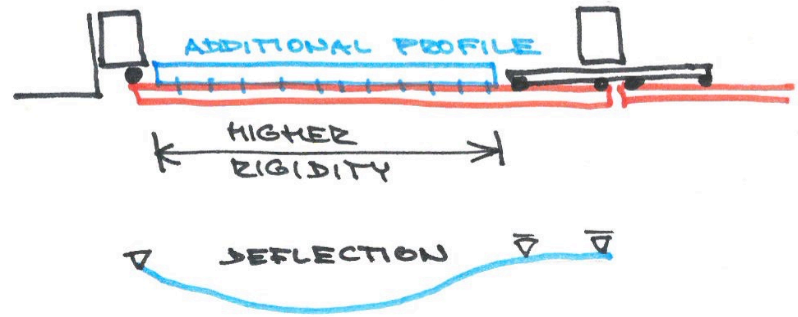


3) ASYMMETRICALLY LOADED COLUMNS

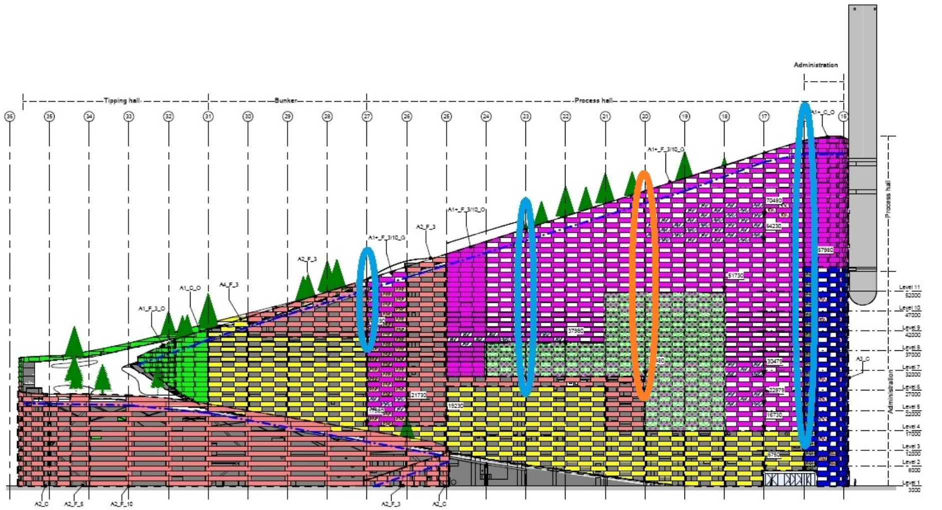
STANDARD SOLUTION (2) DOESN'T WORK

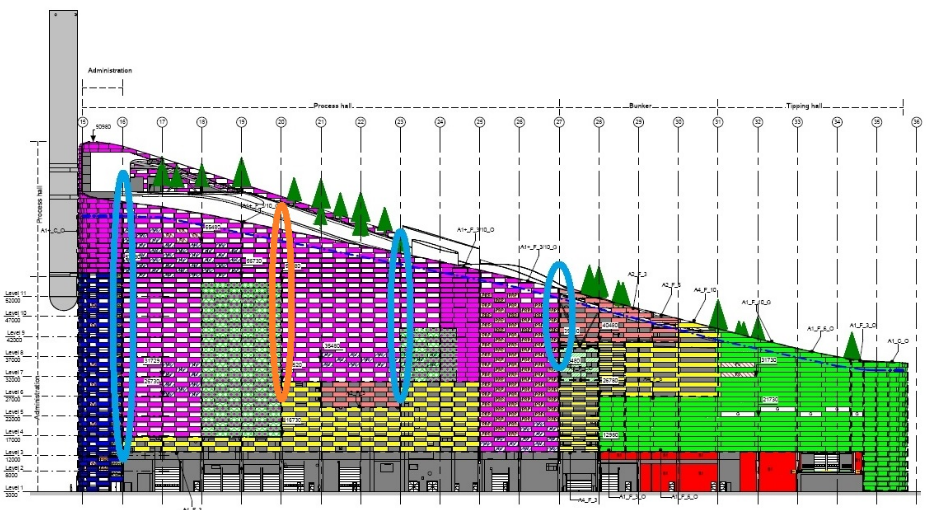


⇓ MODIFICATION

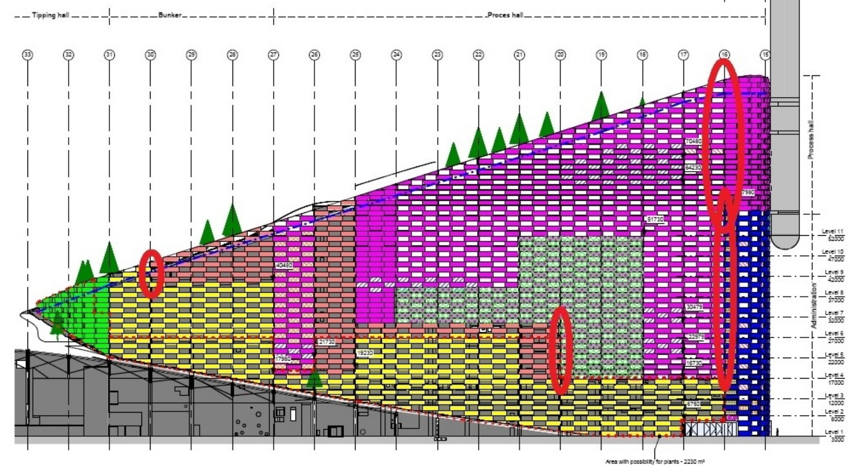


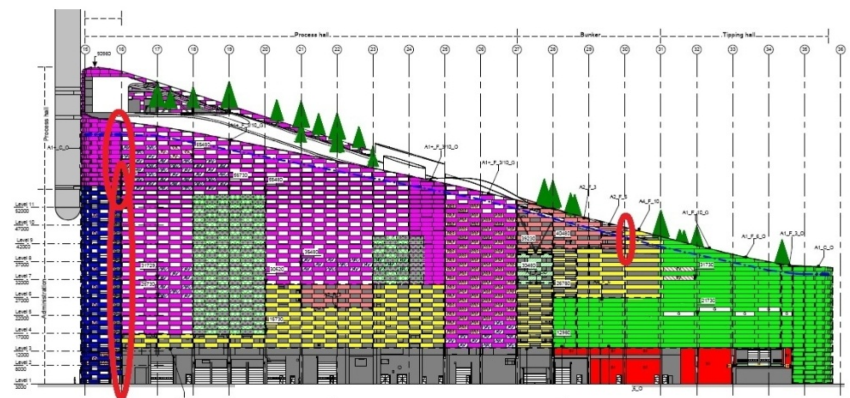
ASSUMED SHORT TERM TORSION
will depend on erection sequence

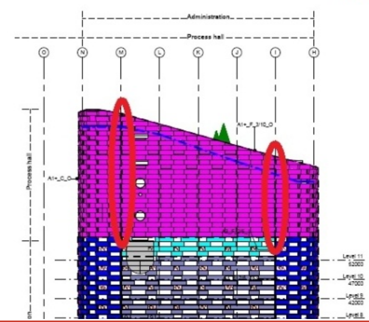


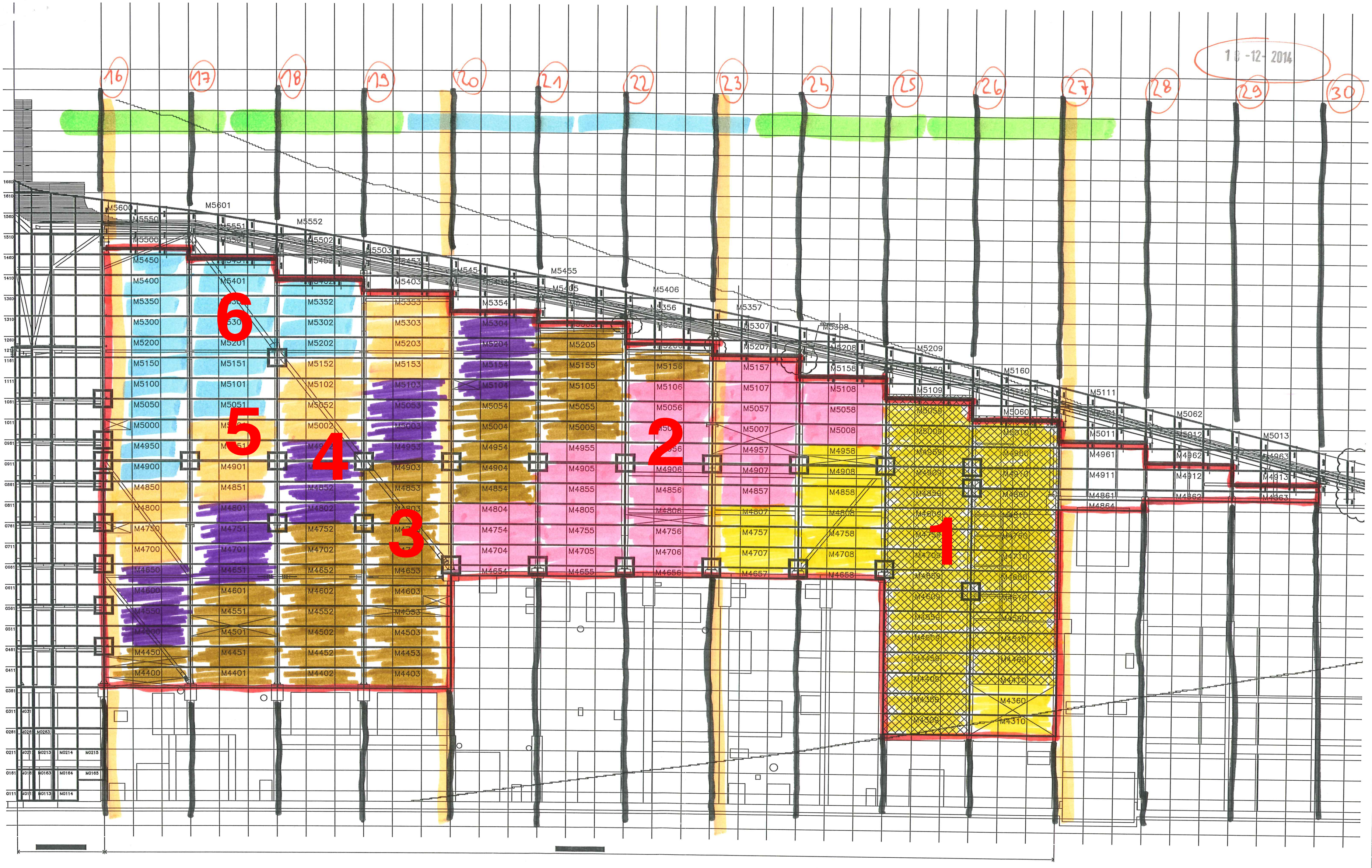


LONG TERM TORSION









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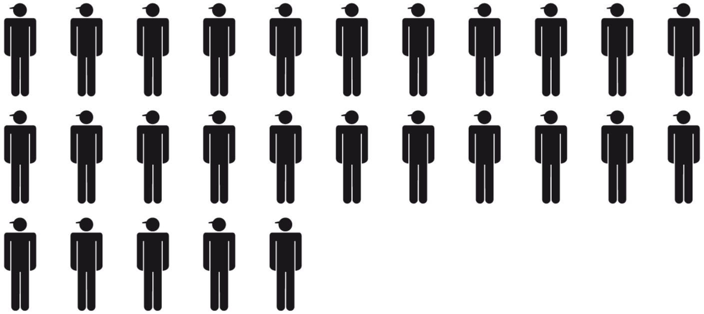
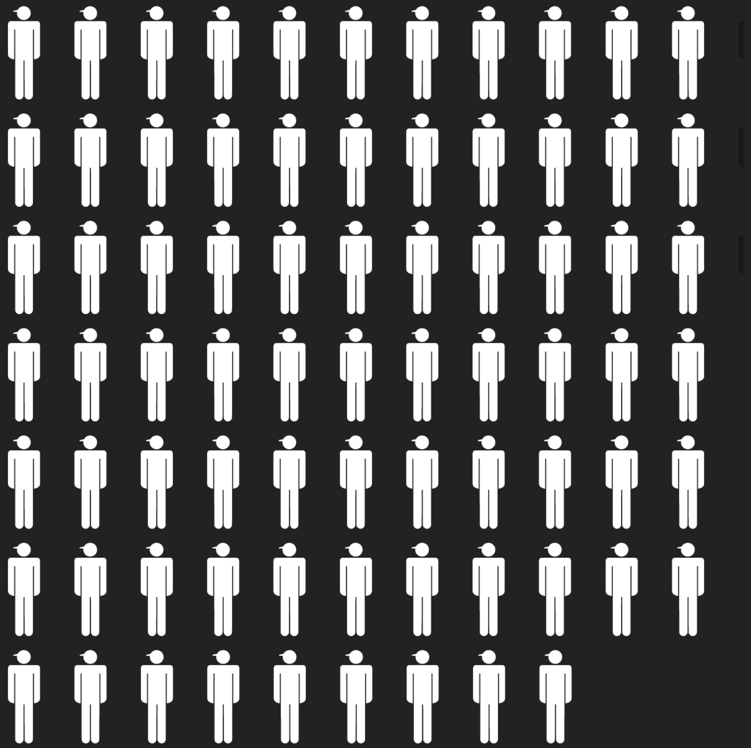
less on site work



270 MAN WEEKS

Sipral's proposal



750 MAN WEEKS

tender solution

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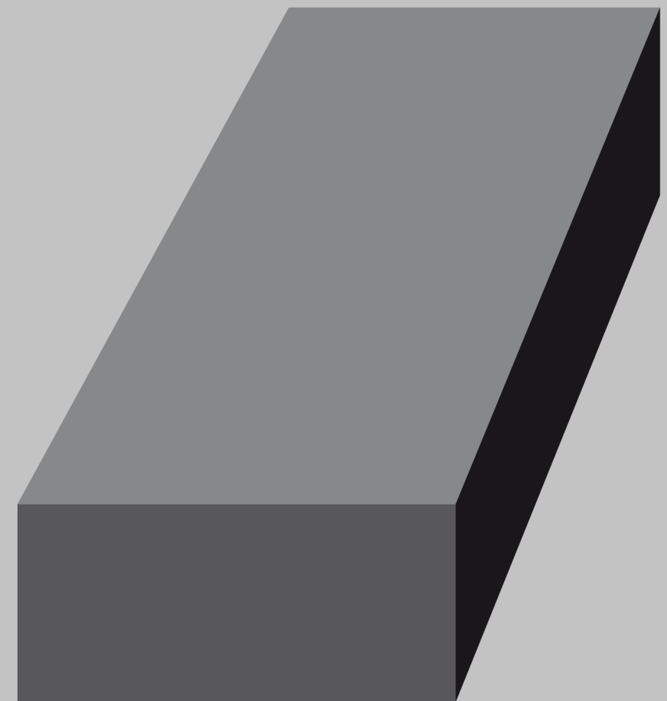
less on site workplace

200 m²

Sipral's proposal



1 000 m²

tender solution

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installation

wind

work below weight


Haulotte
602 205 951
PRONÁJEM
Výškový
DOSAH
až 12m
SIMPRE s.r.o.

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HADEF

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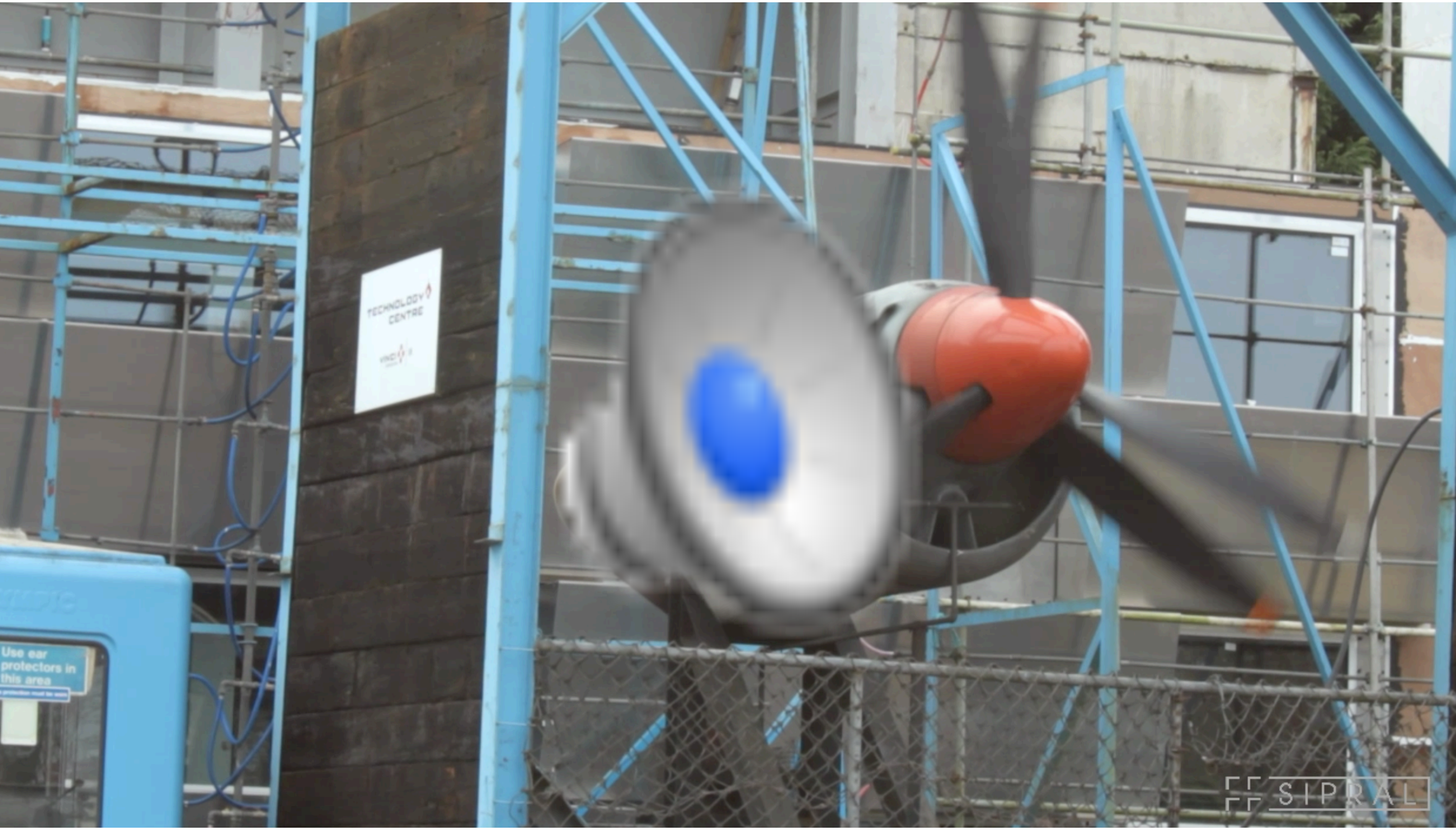
LIEBHERR
LR 1160
RALLING


TECHNOLOGY CENTRE
Use ear protectors in this area
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Each project is unique,
Each project is a challenge.

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