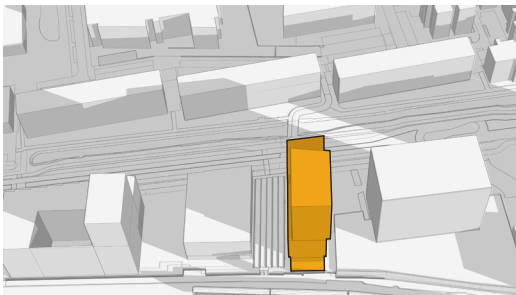


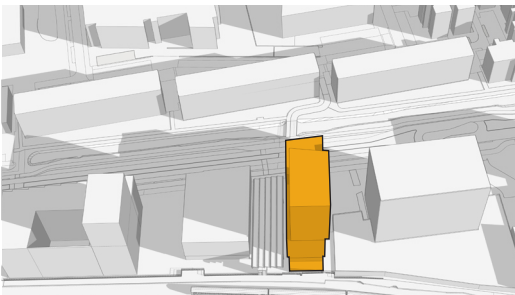


BEZONNINGSSTUDIE

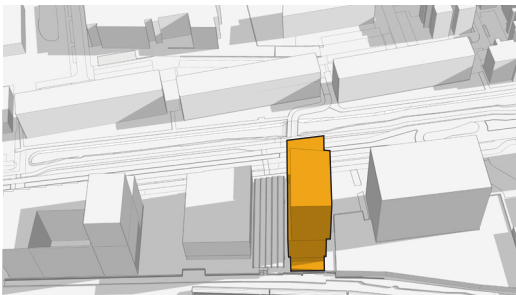
GOUDA



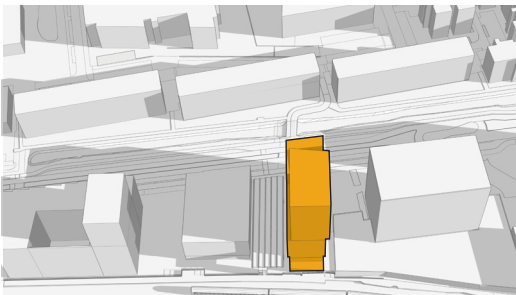
19 februari 09:00 uur



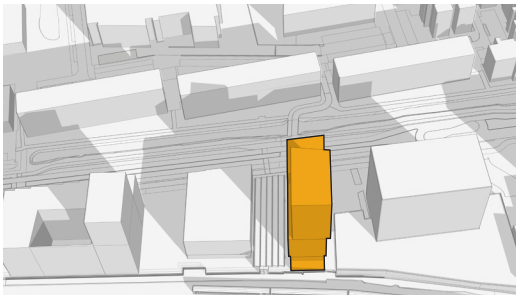
21 maart 09:00 uur



21 juni 09:00 uur - zomertijd



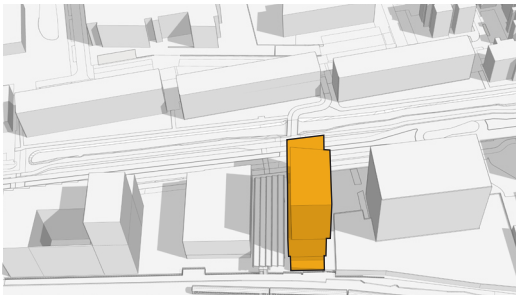
21 september 09:00 uur - zomertijd



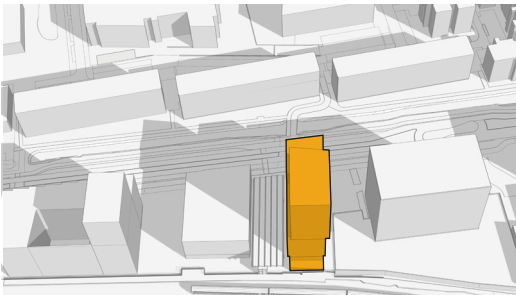
19 februari 11:00 uur



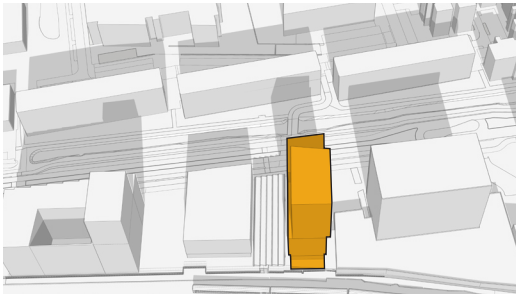
21 maart 11:00 uur



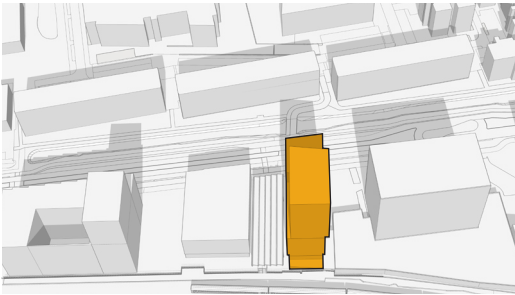
21 juni 11:00 uur - zomertijd



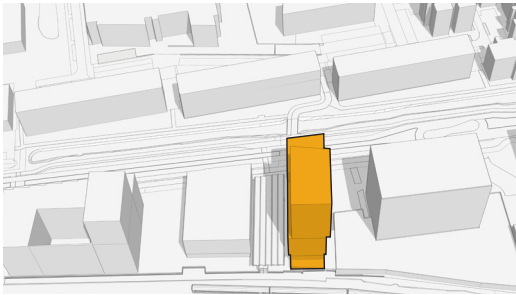
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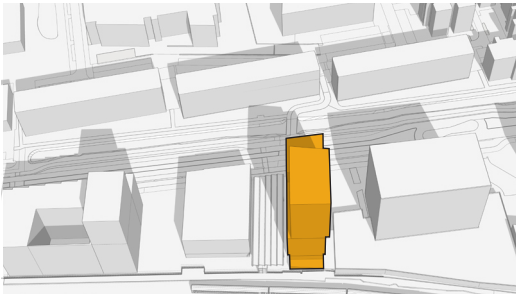
19 februari 13:00 uur



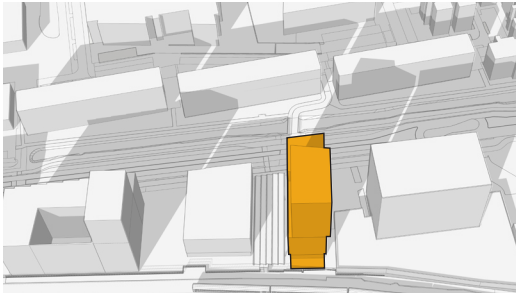
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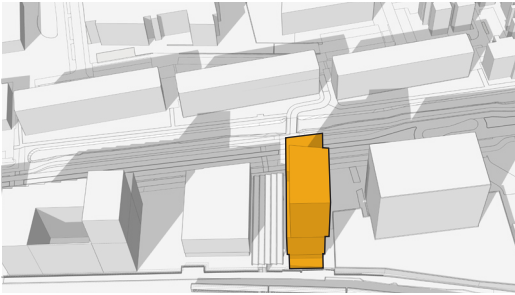
21 juni 13:00 uur - zomertijd



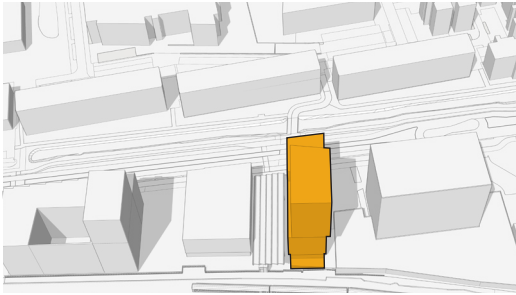
21 september 13:00 uur - zomertijd



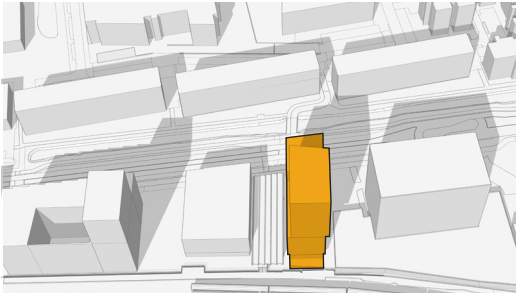
19 februari 15:00 uur



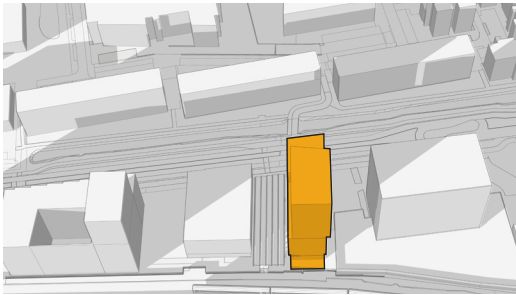
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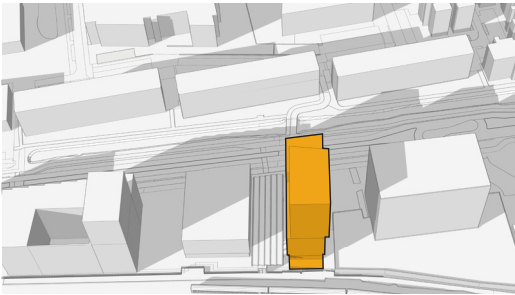
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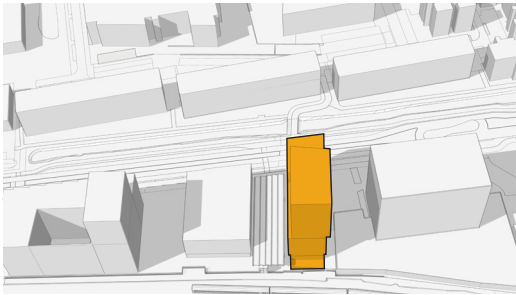
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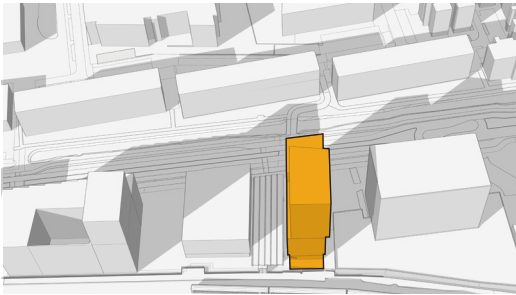
19 februari 17:00 uur



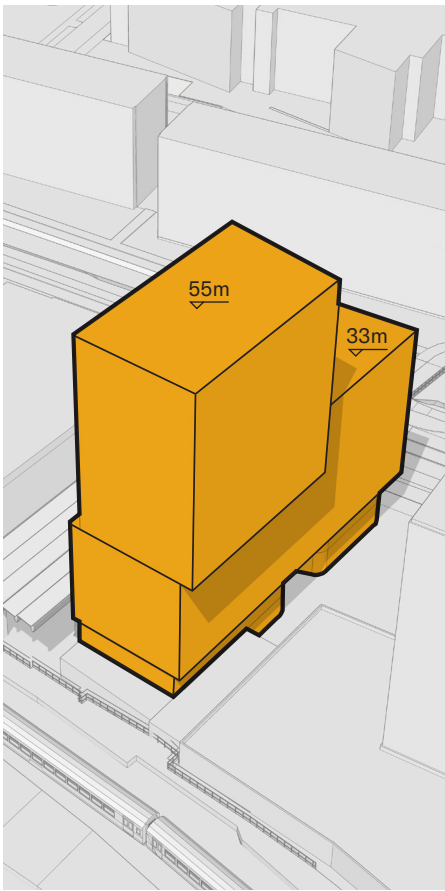
21 maart 17:00 uur



21 juni 17:00 uur - zomertijd

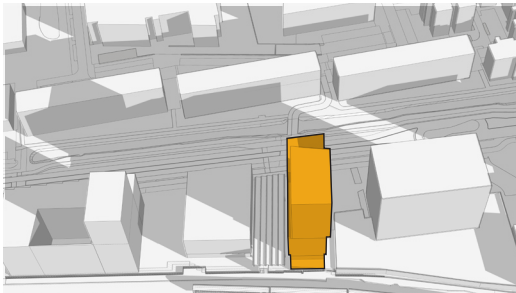


21 september 17:00 uur - zomertijd



Gebouwvolume met hoogtes

BEZONNINGSSTUDIE GOUDA

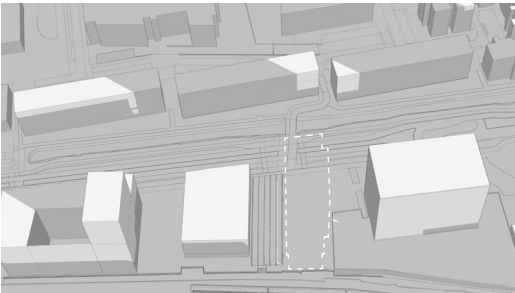


21 oktober 09:00 uur - zomertijd

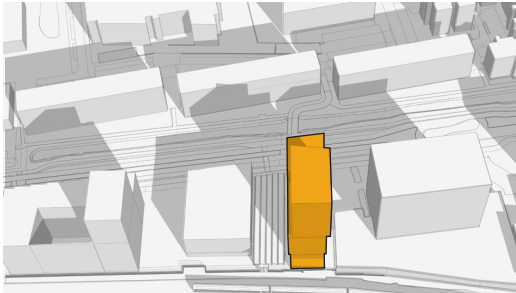


21 december 09:00 uur

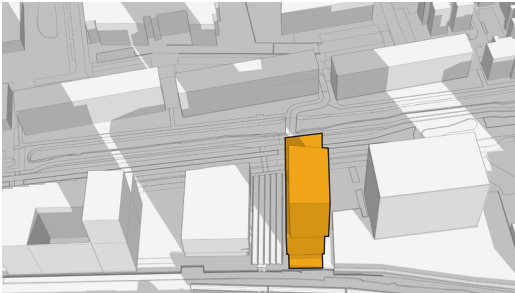
Leeg plot



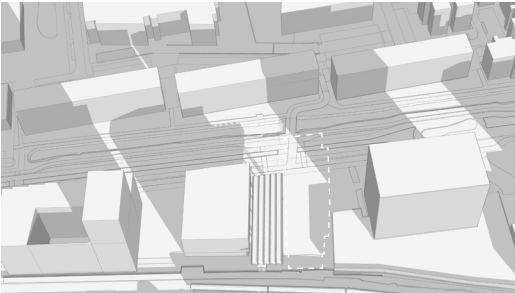
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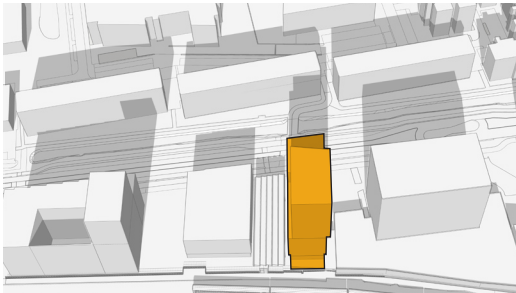
21 oktober 11:00 uur - zomertijd



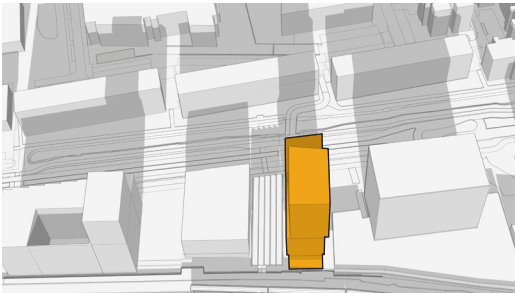
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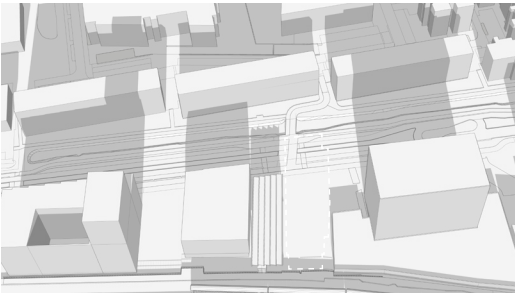
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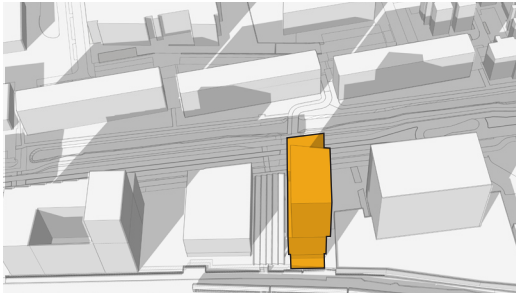
21 oktober 13:00 uur - zomertijd



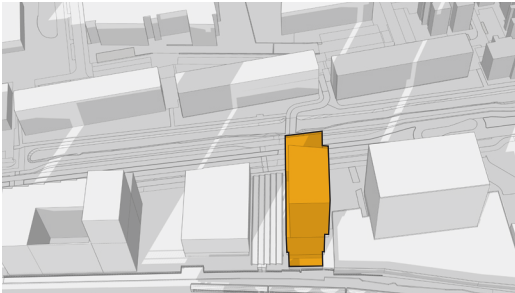
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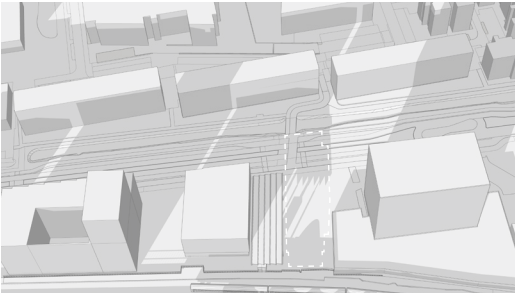
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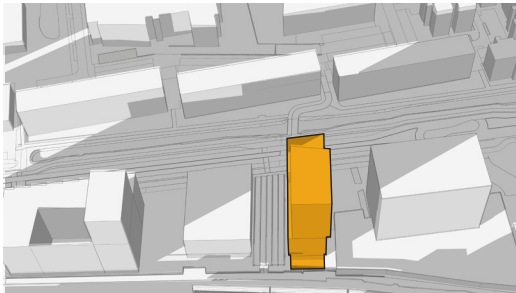
21 oktober 15:00 uur - zomertijd



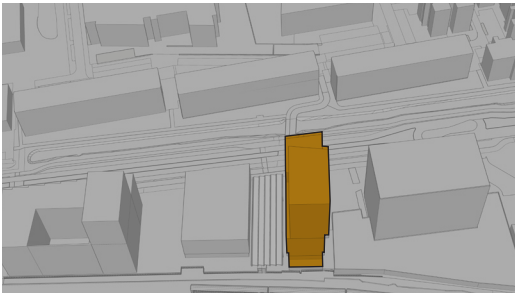
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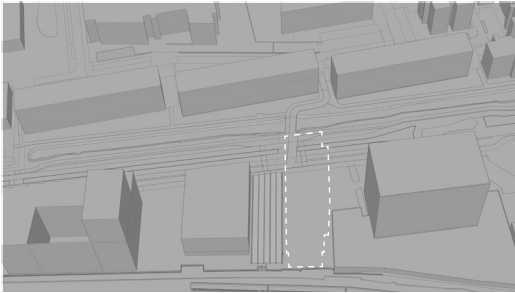
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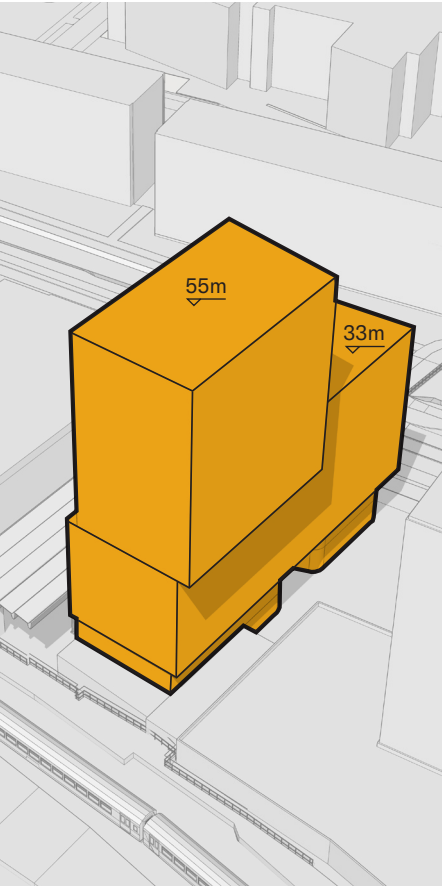
21 oktober 17:00 uur - zomertijd



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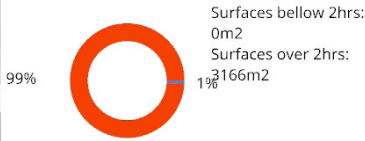
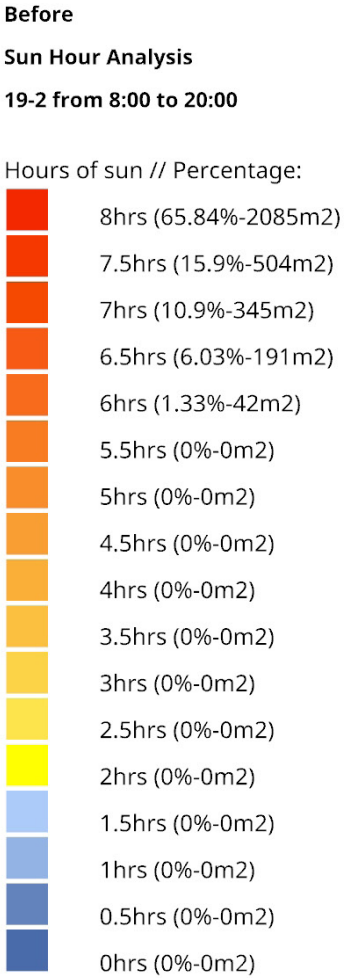
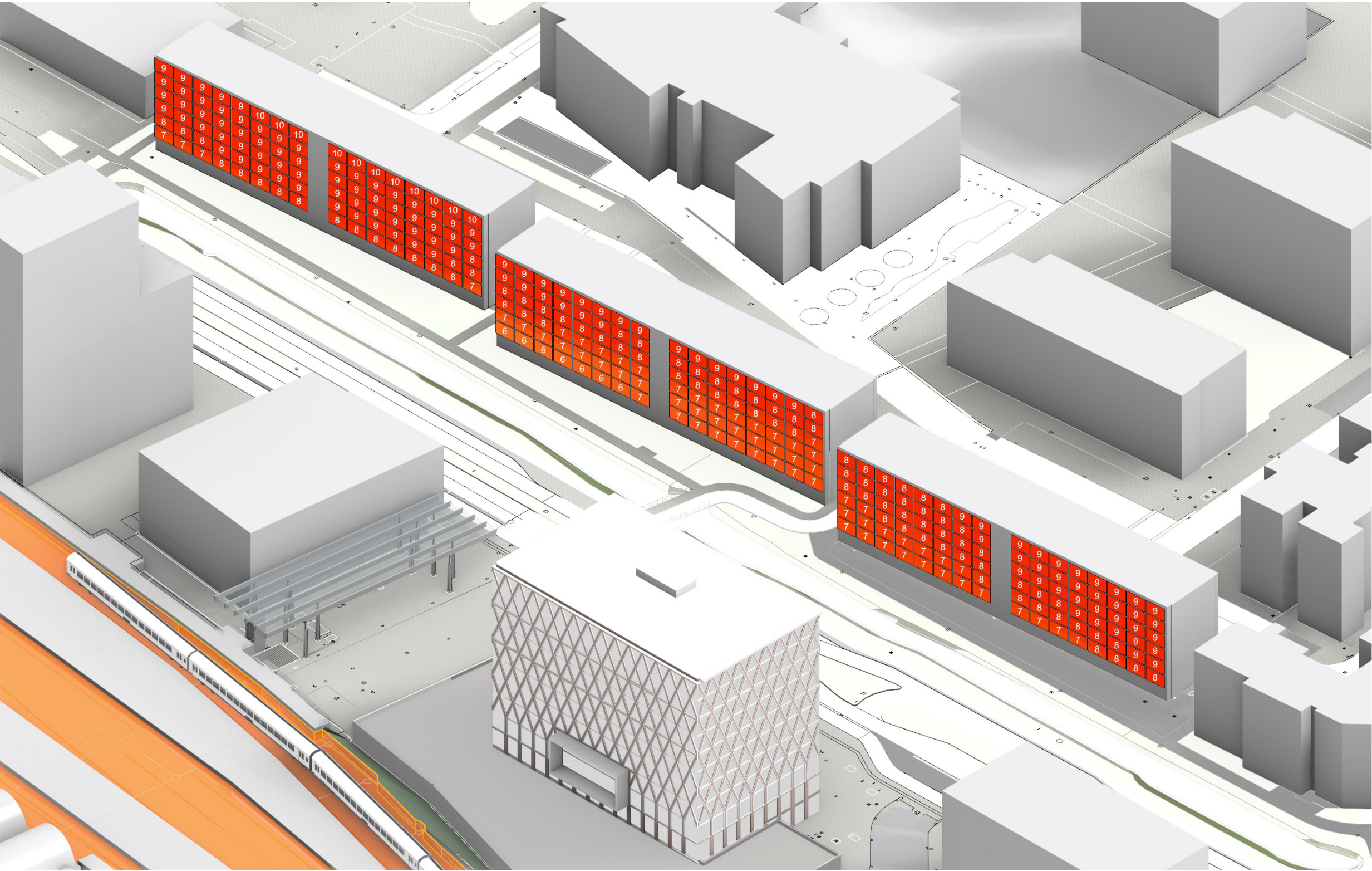
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Gebouwwolume met hoogtes

BIJLAGE

ZONUREN 19 FEB - ZONDER K5

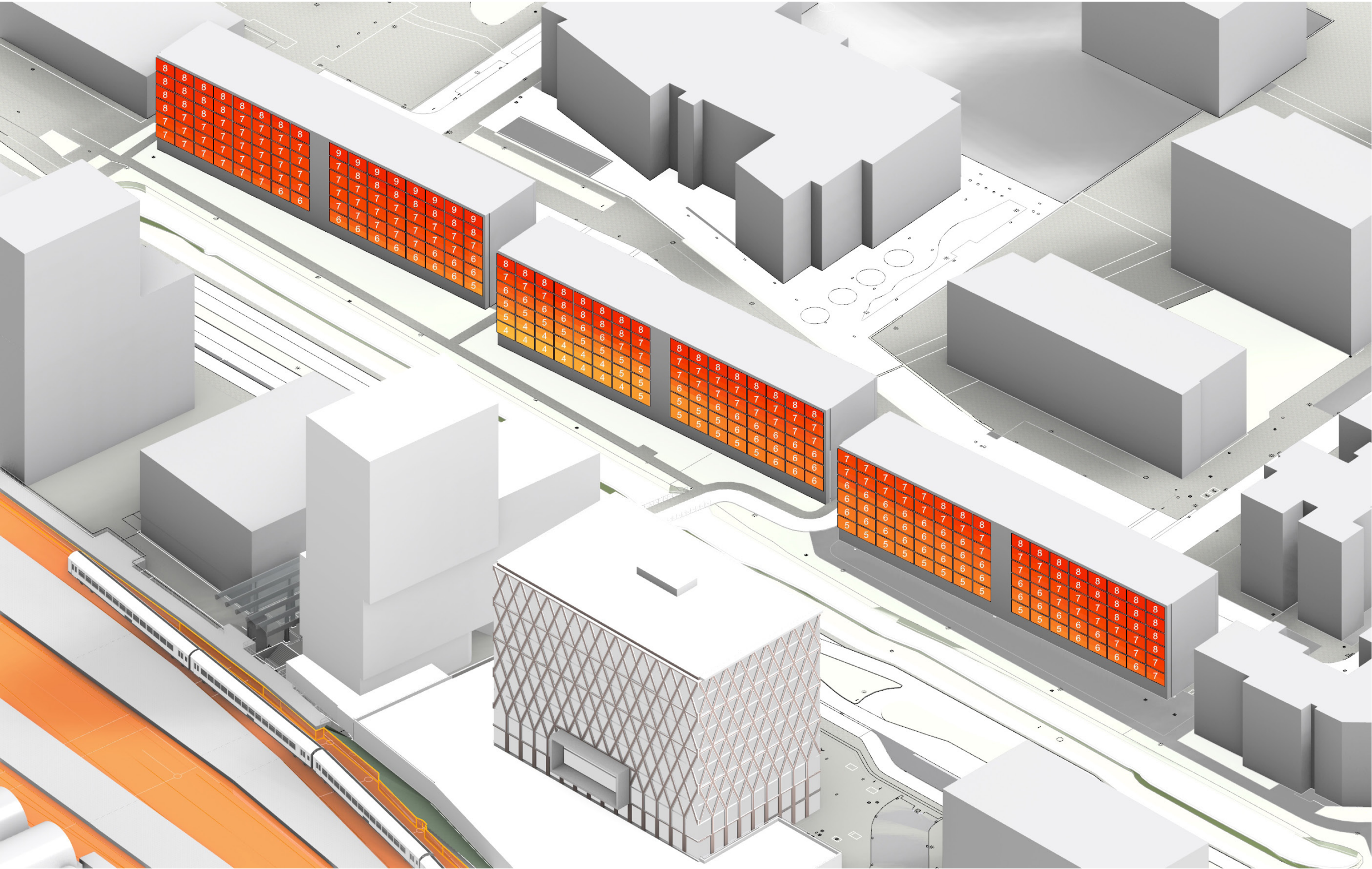


Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

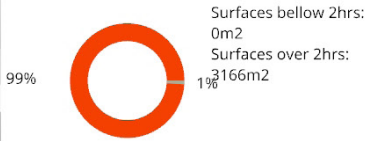
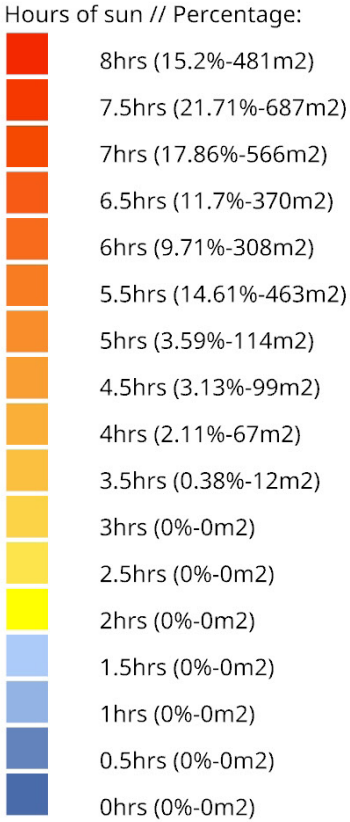
KCAP

BIJLAGE

ZONUREN 19 FEB - MET K5



After
Sun Hour Analysis
19-2 from 8:00 to 20:00

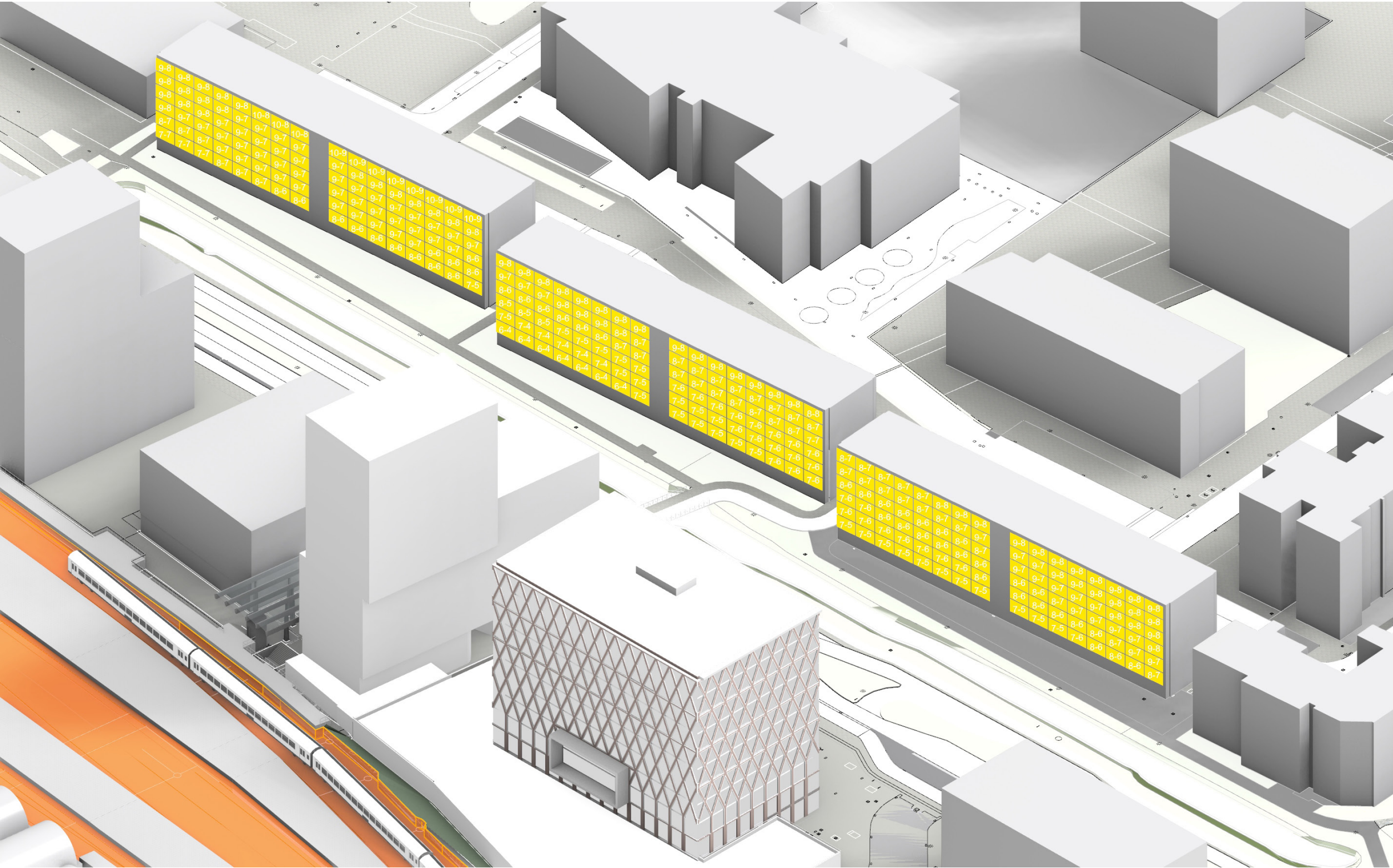


Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

KCAP

BIJLAGE

ZONUREN 19 FEB - CONCLUSIE



Study in detail
TNO SunHour Analysis
2hr Rule // 50% Reduction
19-2 from 8:00 to 20:00

- Windows // Percentage:
- Did not comply - Now does
(0% - 0 W's)
 - Complied - Got better
(0% - 0 W's)
 - Complied - the same
(0% - 0 W's)
 - Complied - Got worse
(100% - 288 W's)
 - Did NOT comply - Still NOT
(0% - 0 W's)
 - Complied - now NOT
(0% - 0 W's)

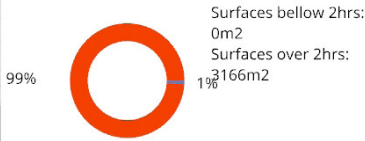
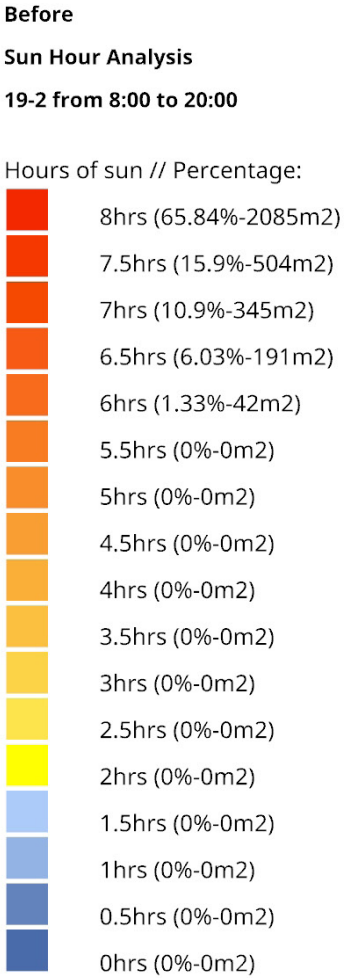
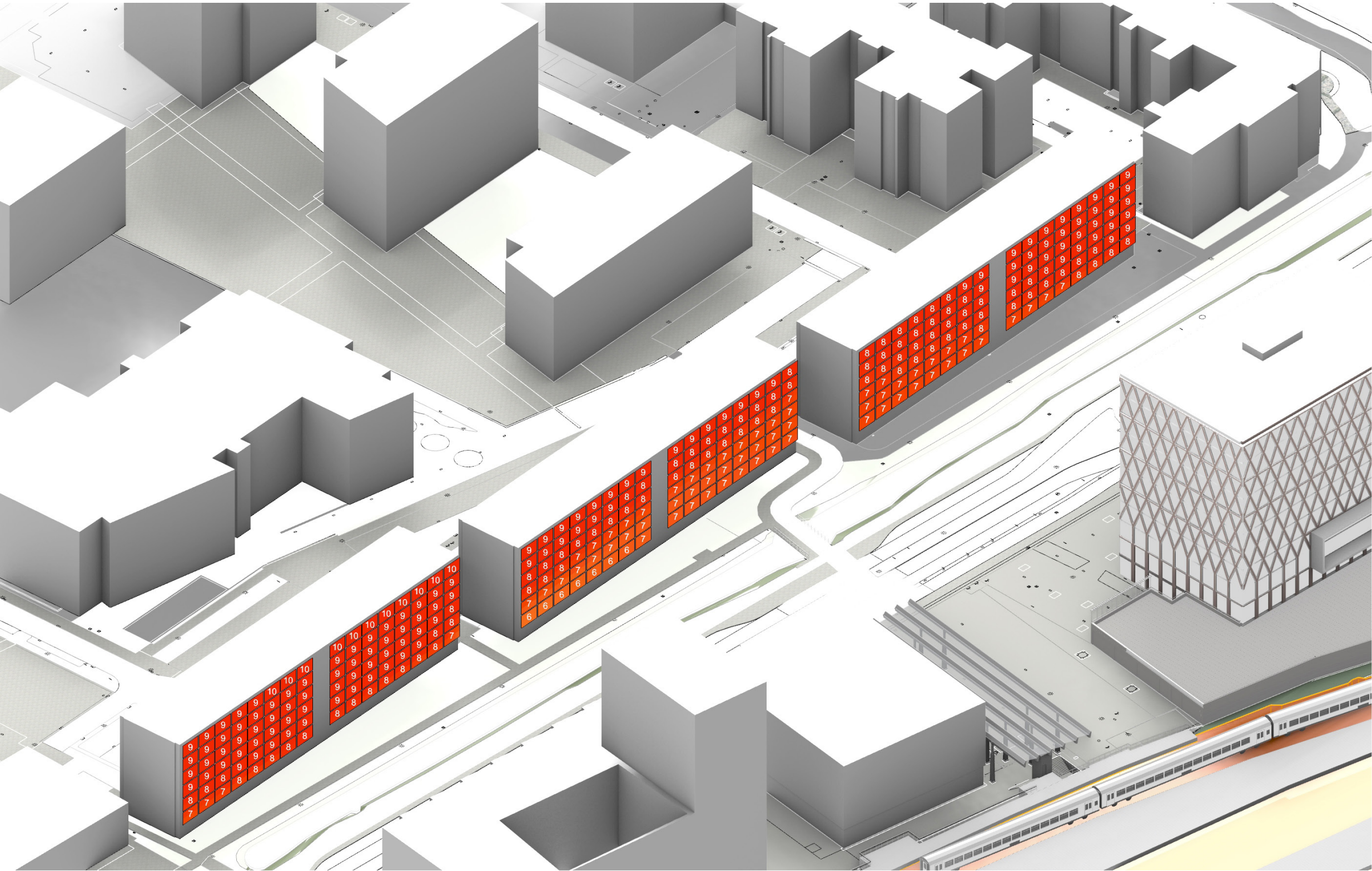
Windows <hrs:
0 Windows

Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

KCAP

BIJLAGE

ZONUREN 19 FEB - ZONDER K5

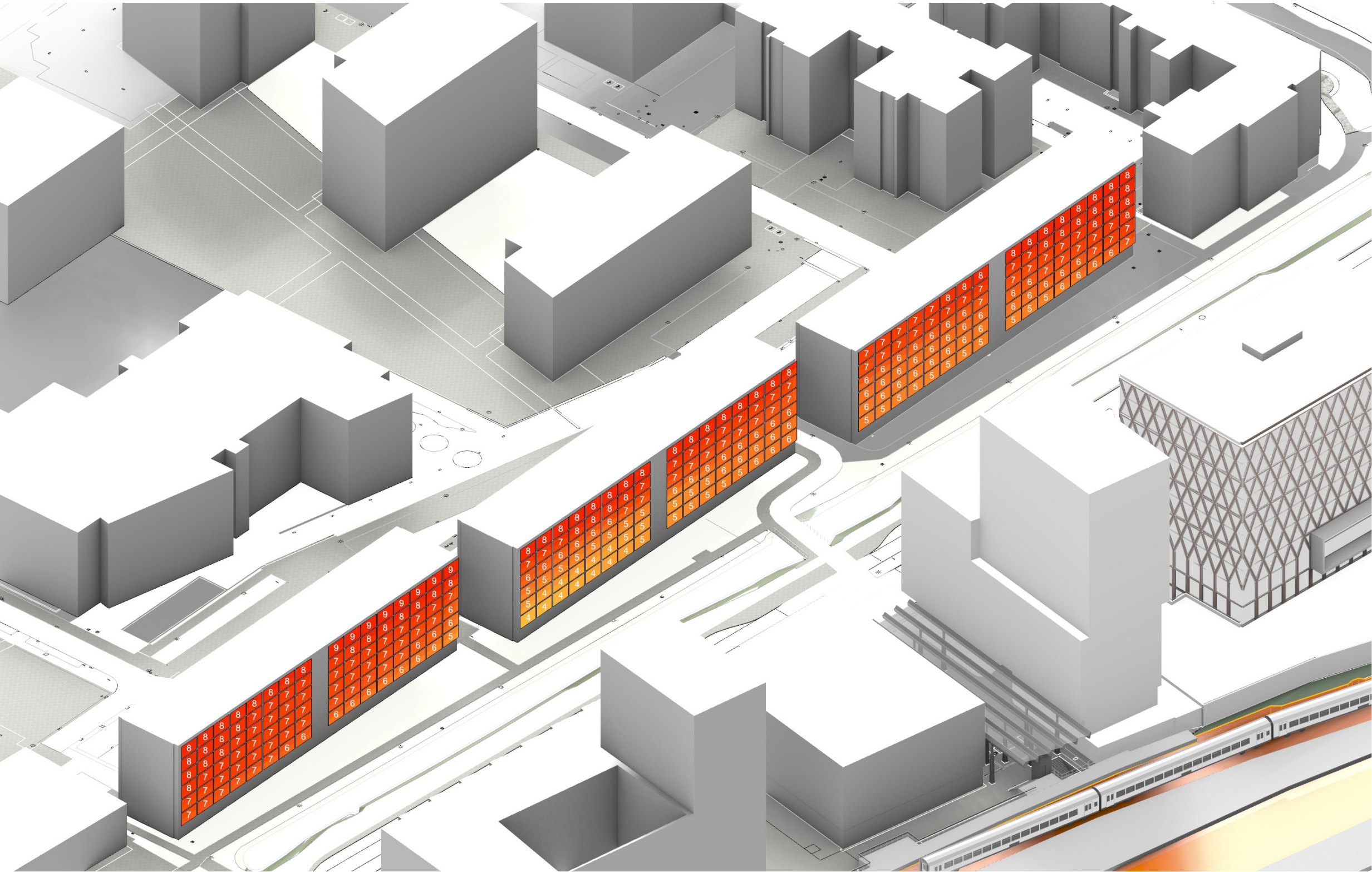


Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

KCAP

BIJLAGE

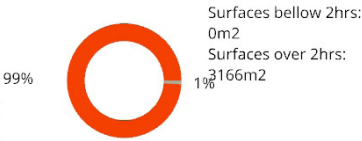
ZONUREN 19 FEB - MET K5



After
Sun Hour Analysis
19-2 from 8:00 to 20:00

Hours of sun // Percentage:

8hrs (15.2%-481m2)
7.5hrs (21.71%-687m2)
7hrs (17.86%-566m2)
6.5hrs (11.7%-370m2)
6hrs (9.71%-308m2)
5.5hrs (14.61%-463m2)
5hrs (3.59%-114m2)
4.5hrs (3.13%-99m2)
4hrs (2.11%-67m2)
3.5hrs (0.38%-12m2)
3hrs (0%-0m2)
2.5hrs (0%-0m2)
2hrs (0%-0m2)
1.5hrs (0%-0m2)
1hrs (0%-0m2)
0.5hrs (0%-0m2)
0hrs (0%-0m2)

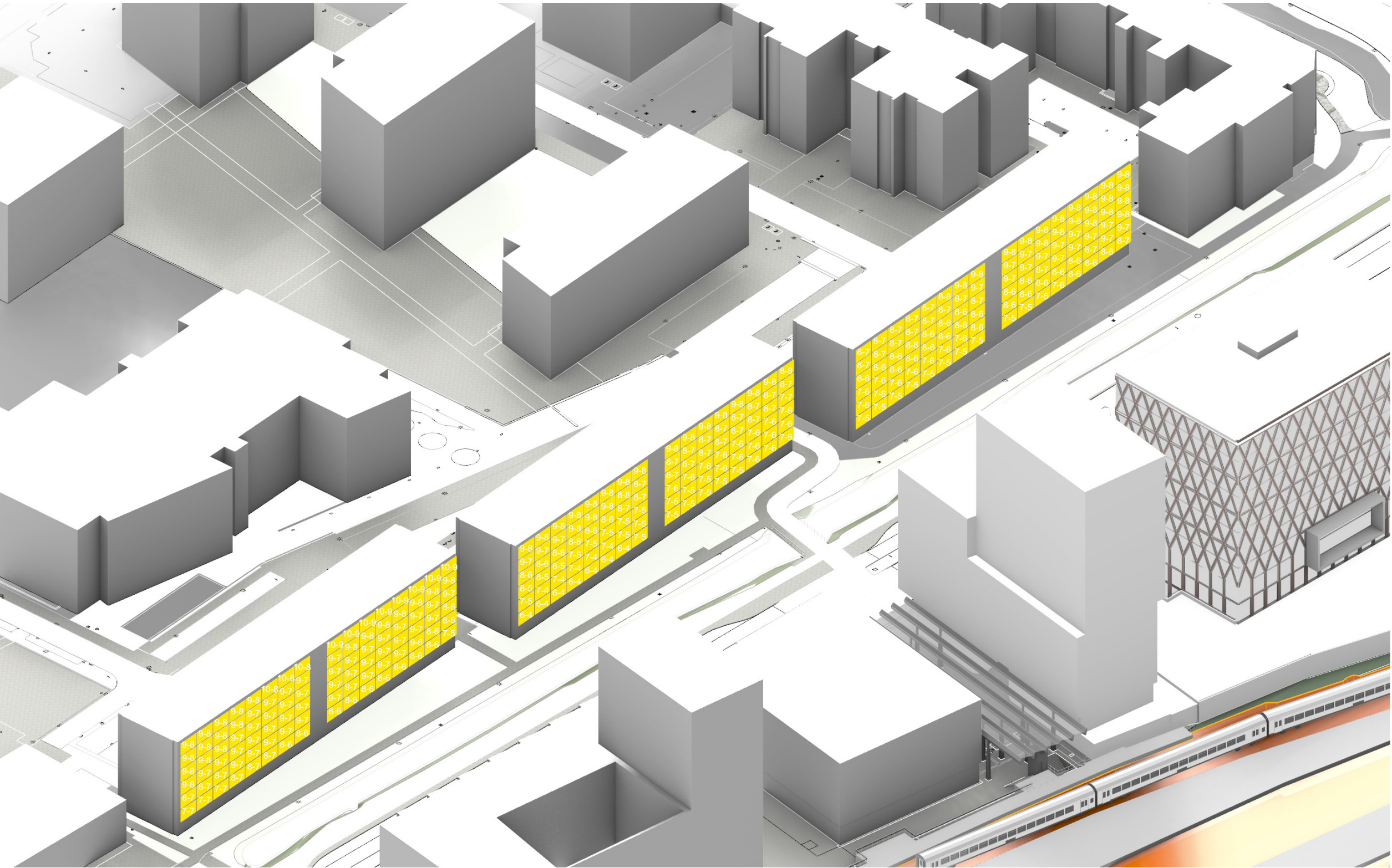


Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

KCAP

BIJLAGE

ZONUREN 19 FEB - CONCLUSIE



Study in detail
TNO SunHour Analysis
2hr Rule // 50% Reduction
19-2 from 8:00 to 20:00

- Windows // Percentage:
- Did not comply - Now does
(0% - 0 W's)
 - Complied - Got better
(0% - 0 W's)
 - Complied - the same
(0% - 0 W's)
 - Complied - Got worse
(100% - 288 W's)
 - Did NOT comply - Still NOT
(0% - 0 W's)
 - Complied - now NOT
(0% - 0 W's)
- Windows <hrs:
0 Windows

Project: K5 Gouda
Location: Gouda [NL]
Program: Architecture
Time: 03/2023
Role: Architect
Client: -

KCAP