

Institute for advanced architecture of Catalonia

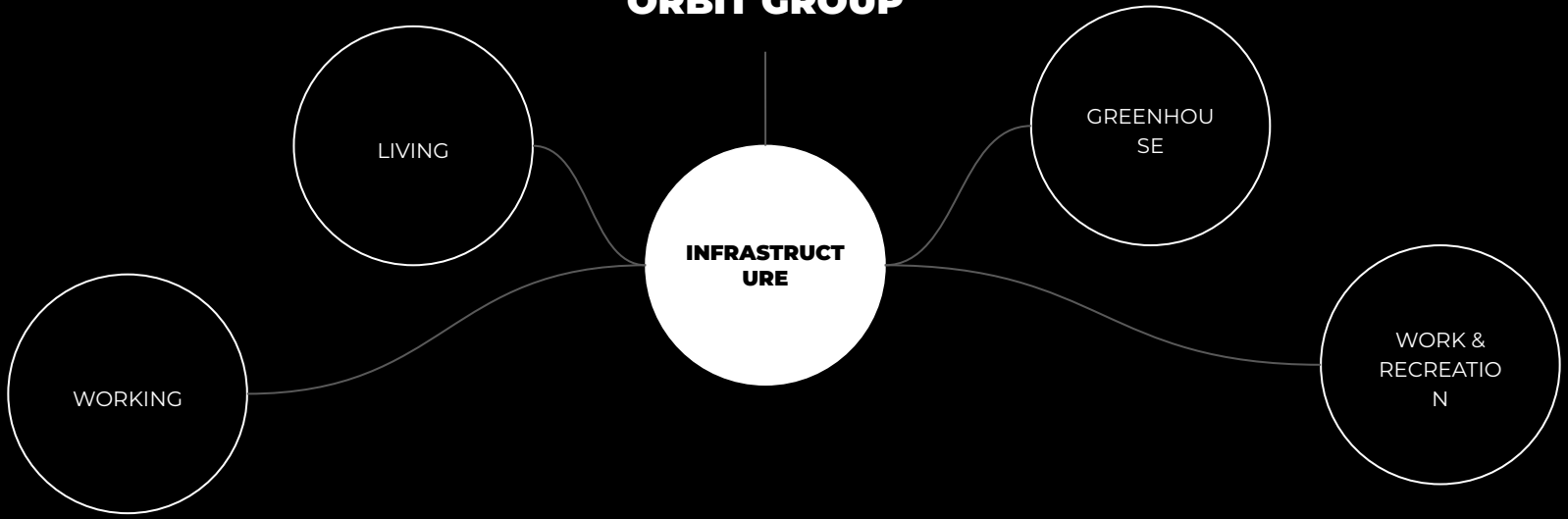
Digital Tools For Integrative Modelling

Oscar Herrero_ Andres Antonlin

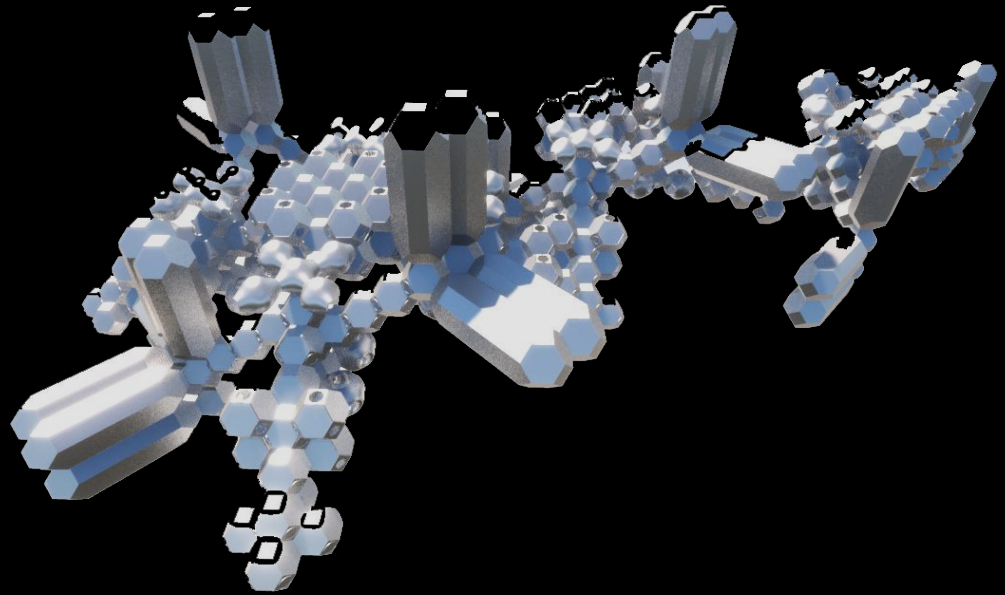
Clemens Russ
Naitik Sharma
Oluwadamilola (Dami) Akinniyi

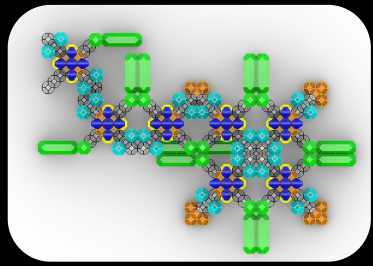
Final Pinup_March 2022

ORBIT GROUP


LIVING
GREENHOUSE
INFRASTRUCTURE
WORKING
WORK & RECREATION

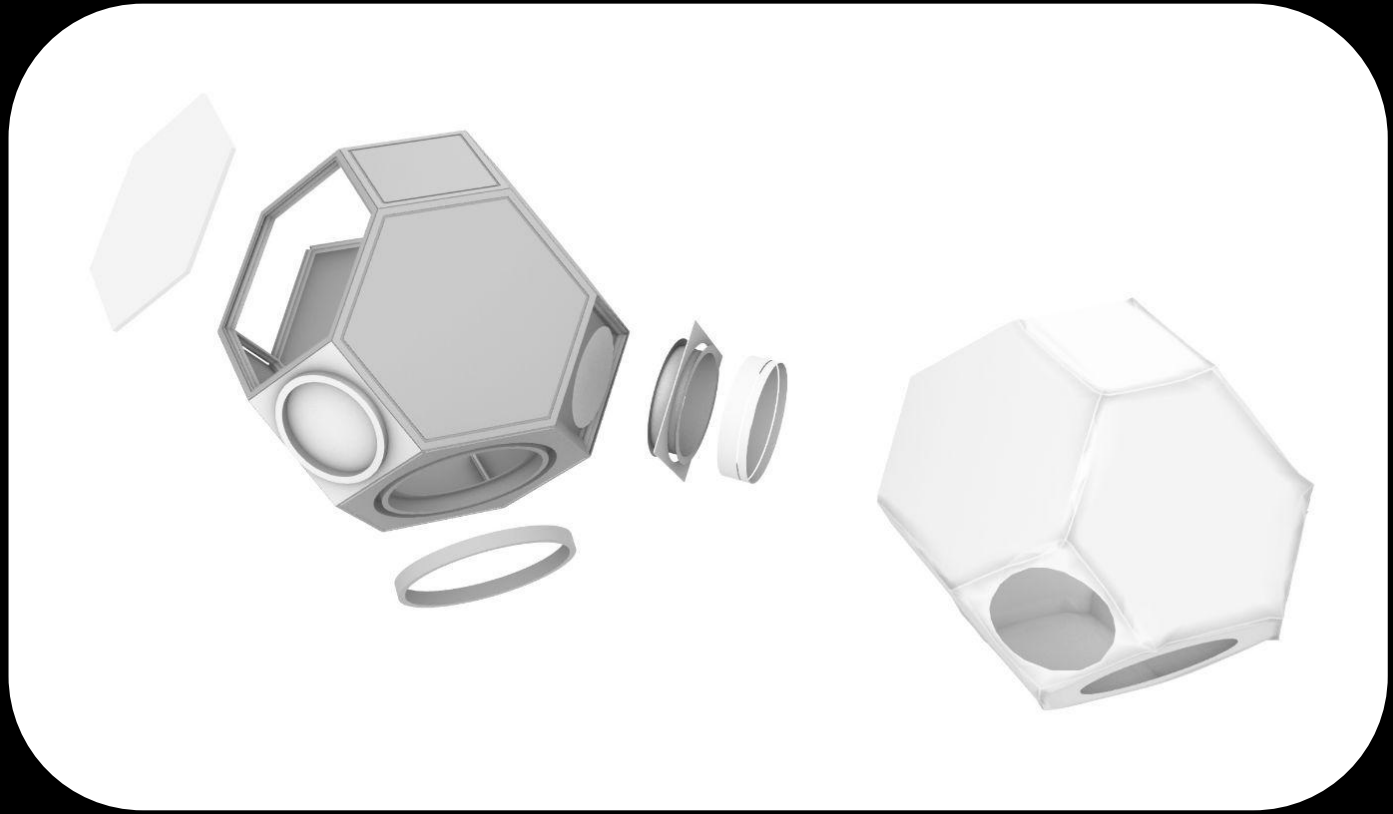
GLOBAL SCALE - AGGREGATION



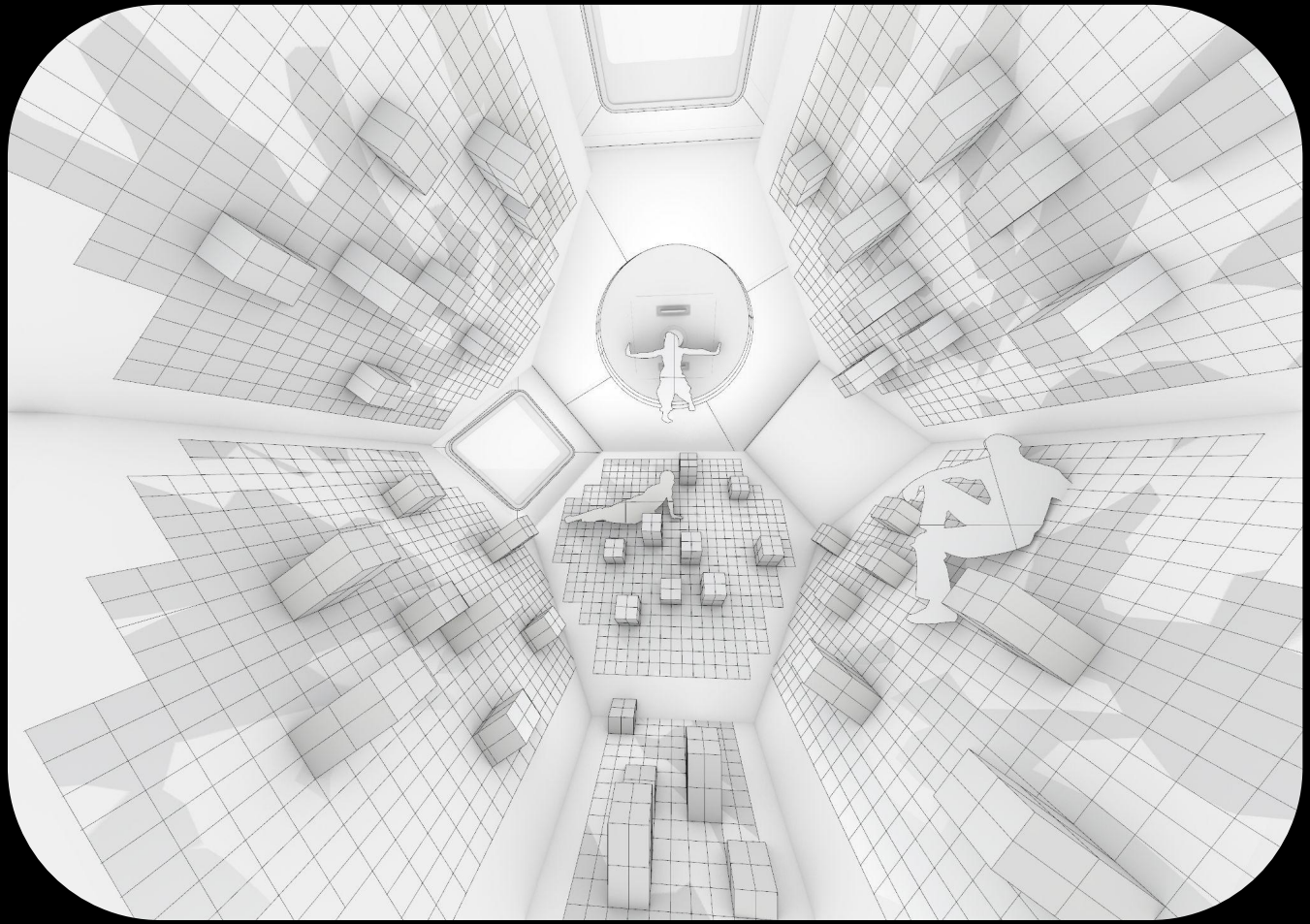


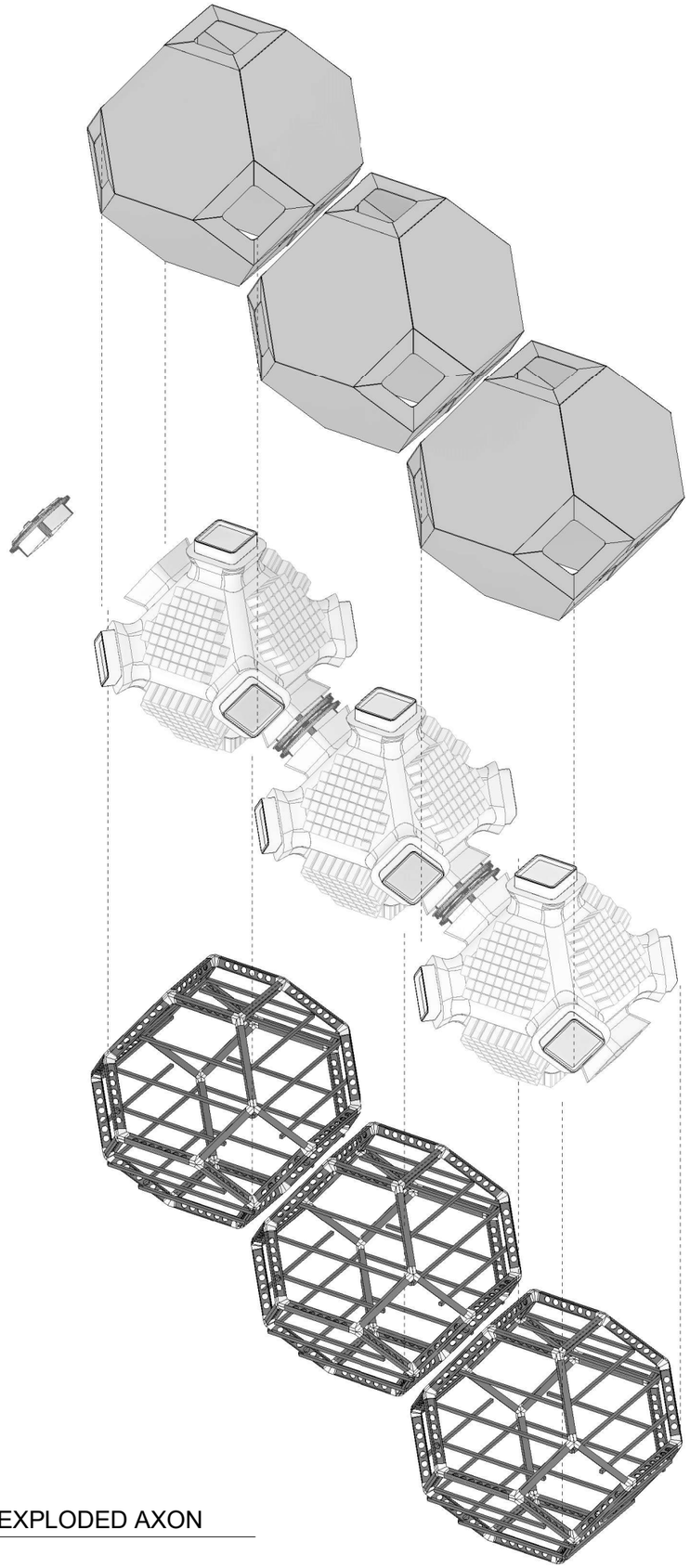
MODULAR UNITS



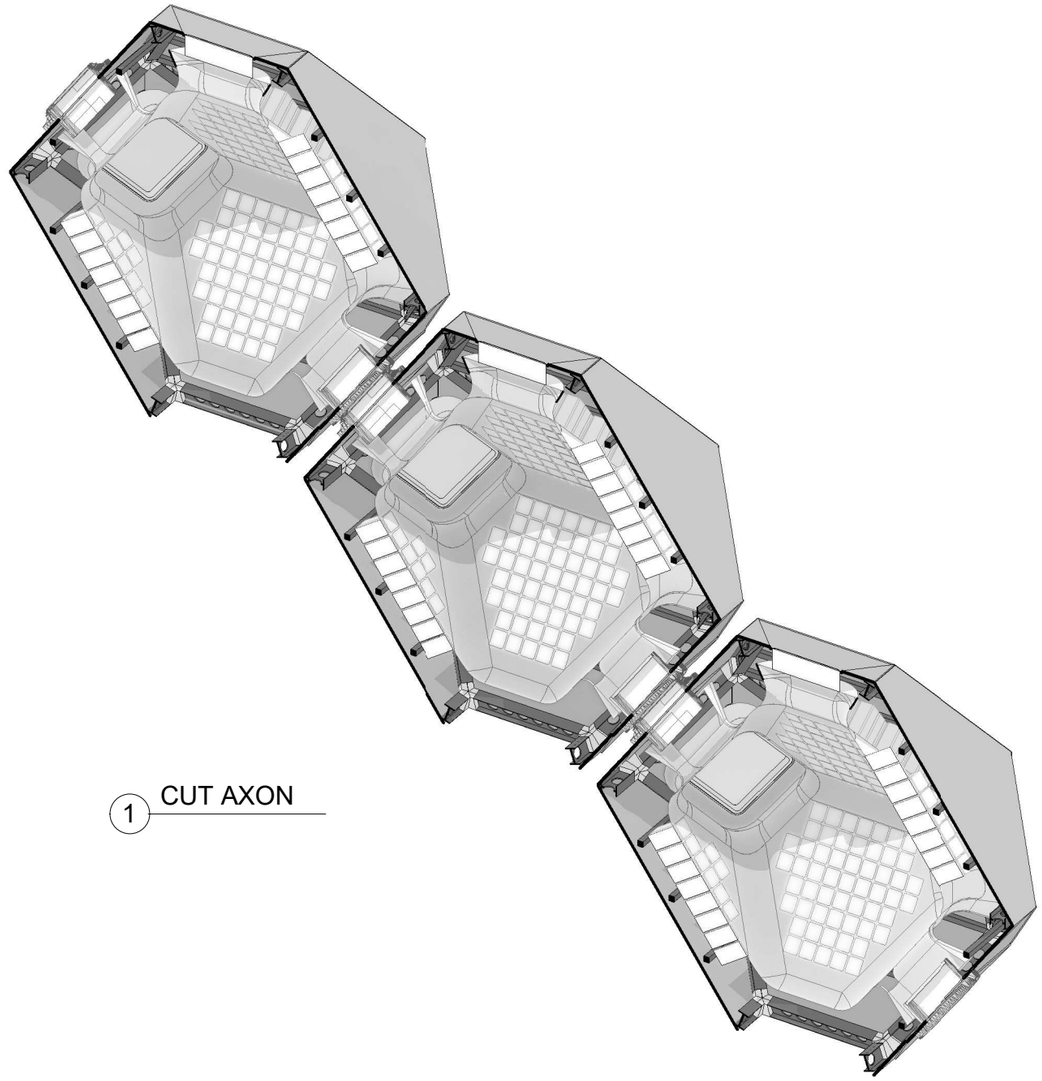


INFRASTRUCTURE





2 EXPLODED AXON



1 CUT AXON

original paper size: A1

Notes

revisions

Revisions		
Number	Description	Date

project name

ORBIT INFRASTRUCTURE

Clemens Russ
Naitik Sharma
Oluwadamilola (Dami) Akinniyi

project number

00000

revision | date

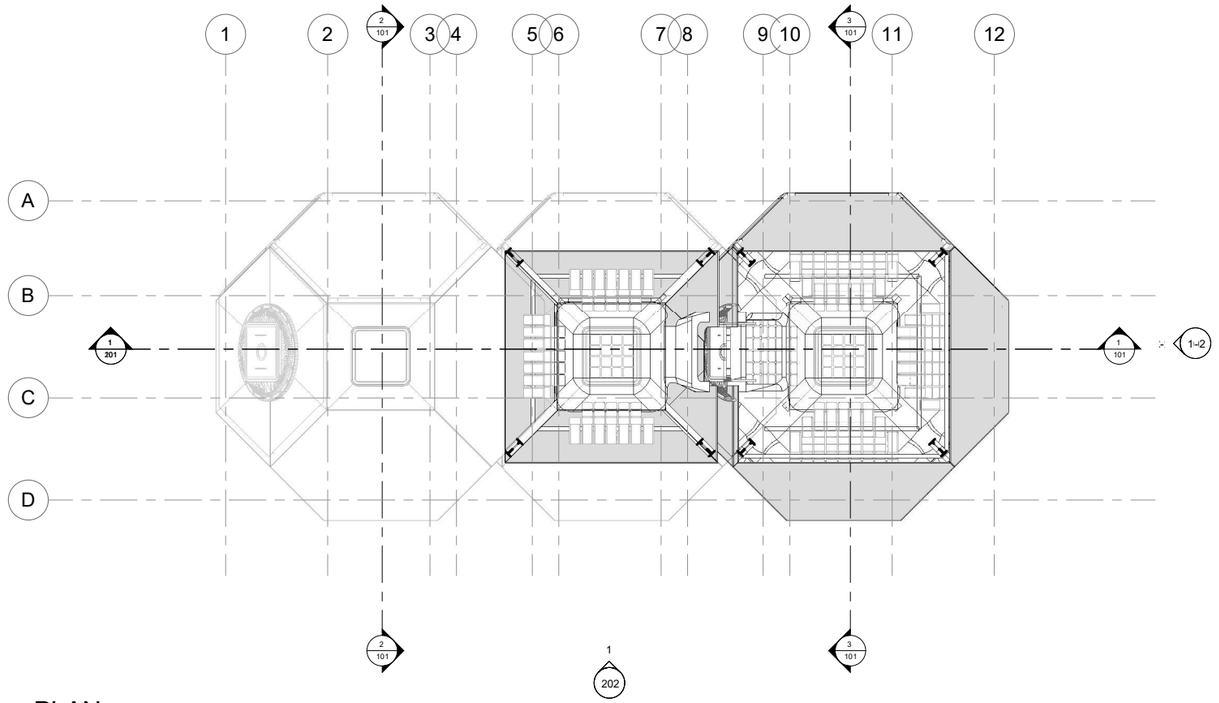
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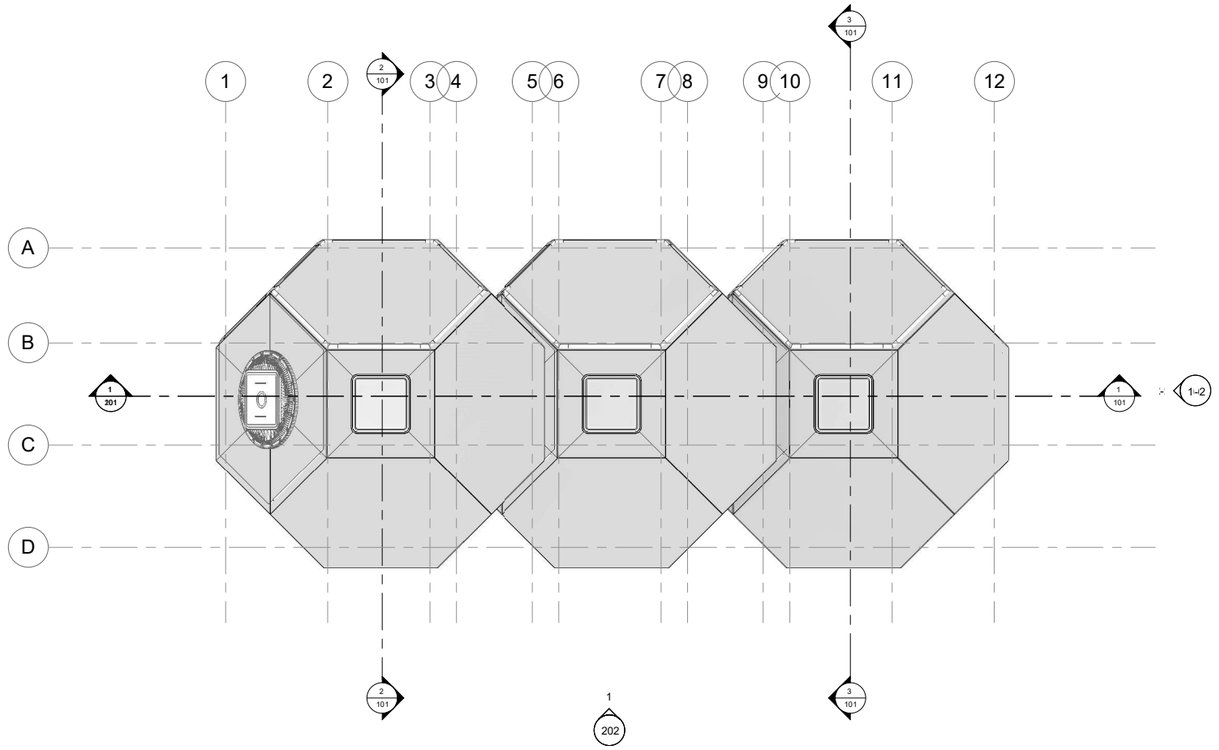
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AXONOMETRICS



1 PLAN
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2 PLAN 2
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original paper size: A1

Notes

revisions

Revisions		
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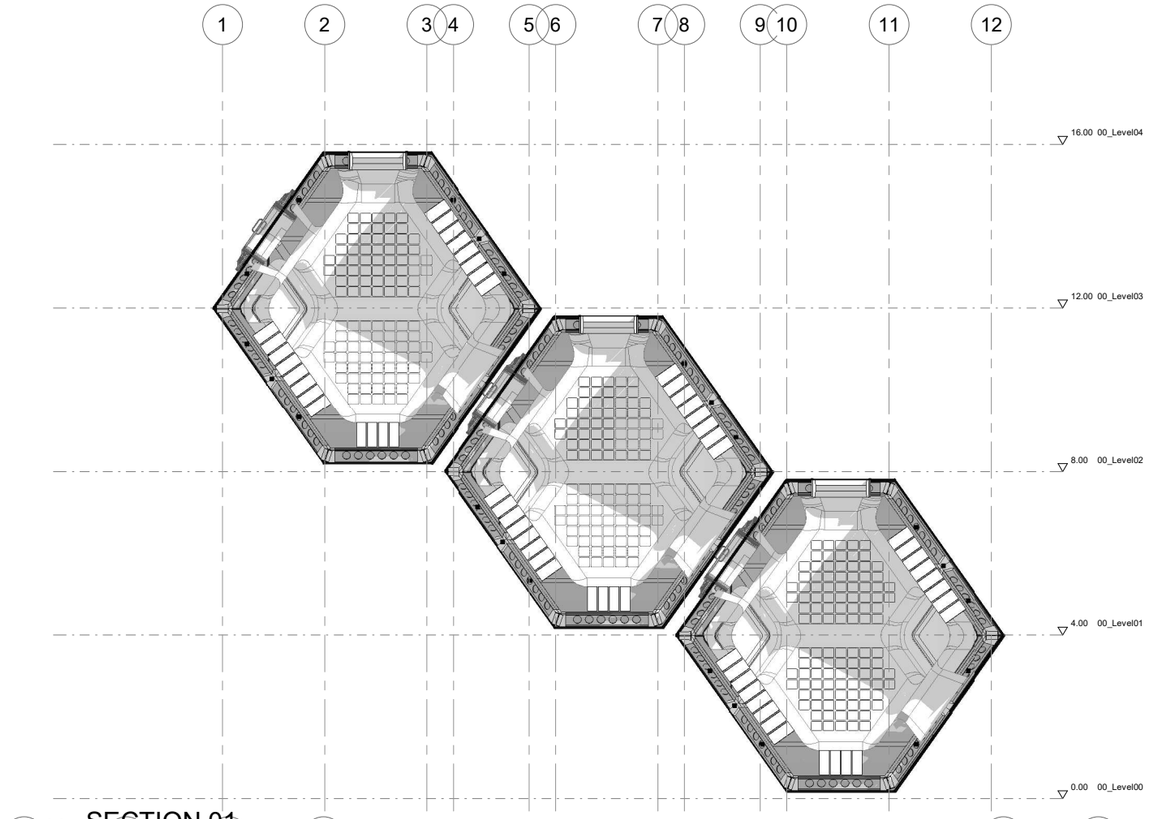
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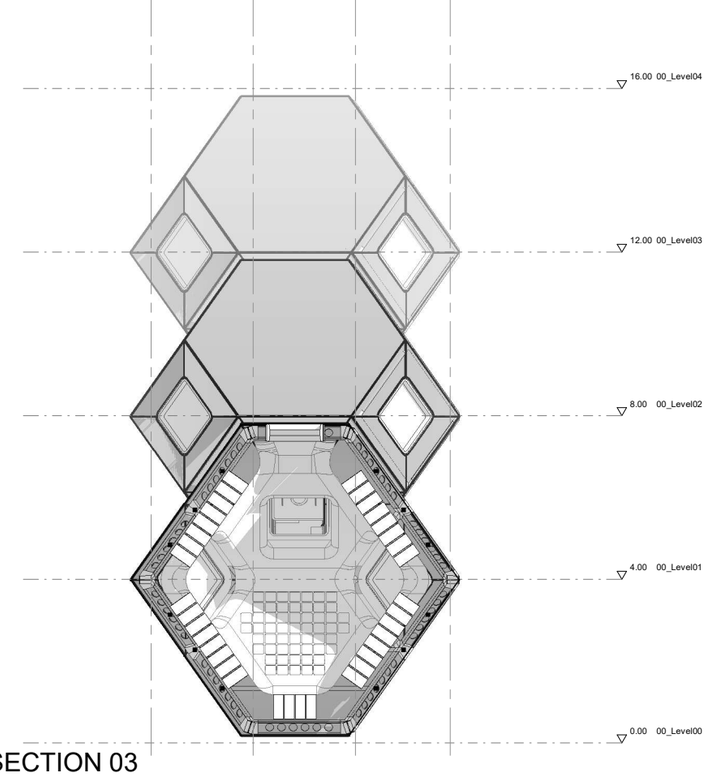
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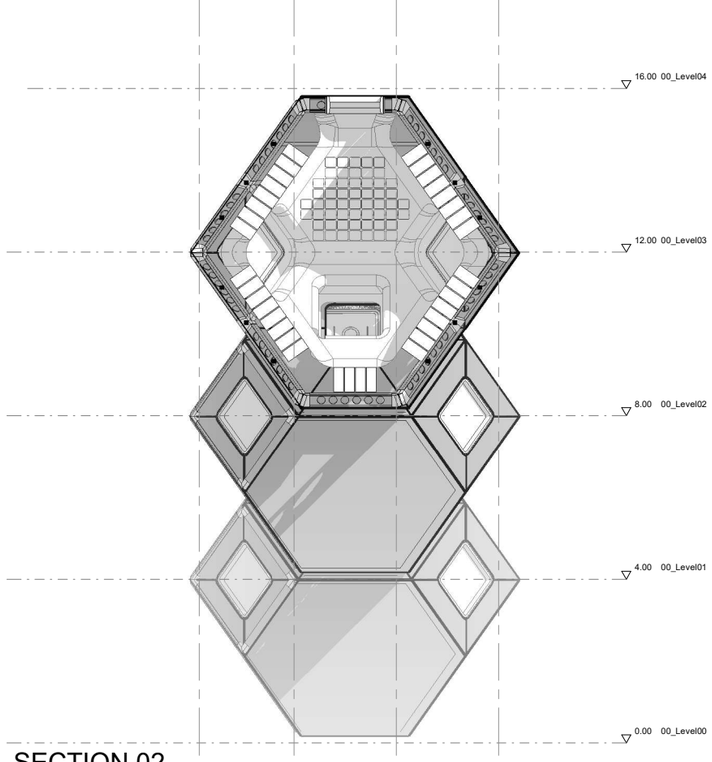
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PLANS



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3 SECTION 03
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2 SECTION 02
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Notes

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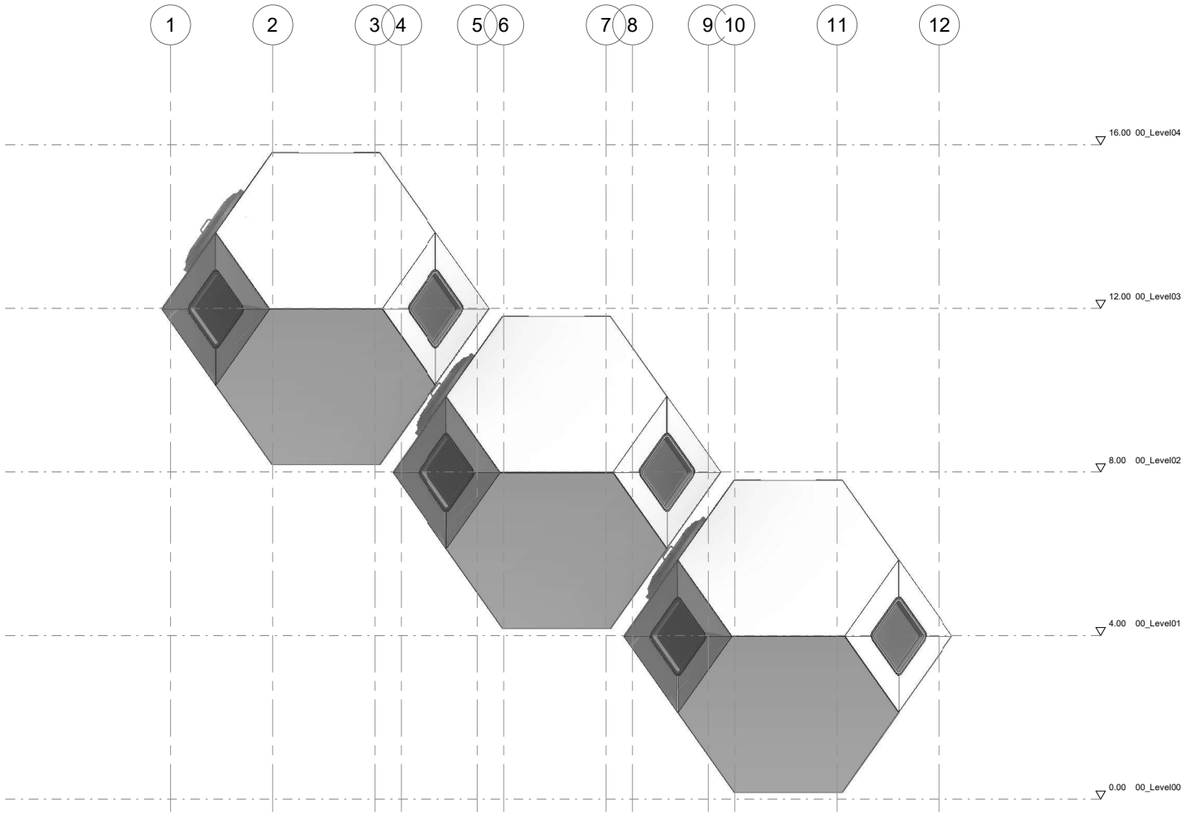
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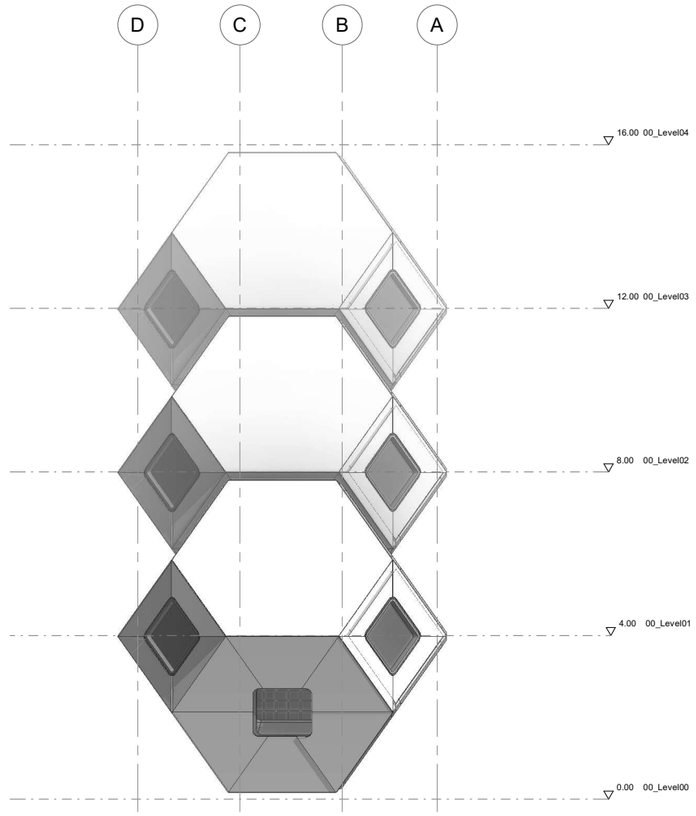
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SECTIONS



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Notes

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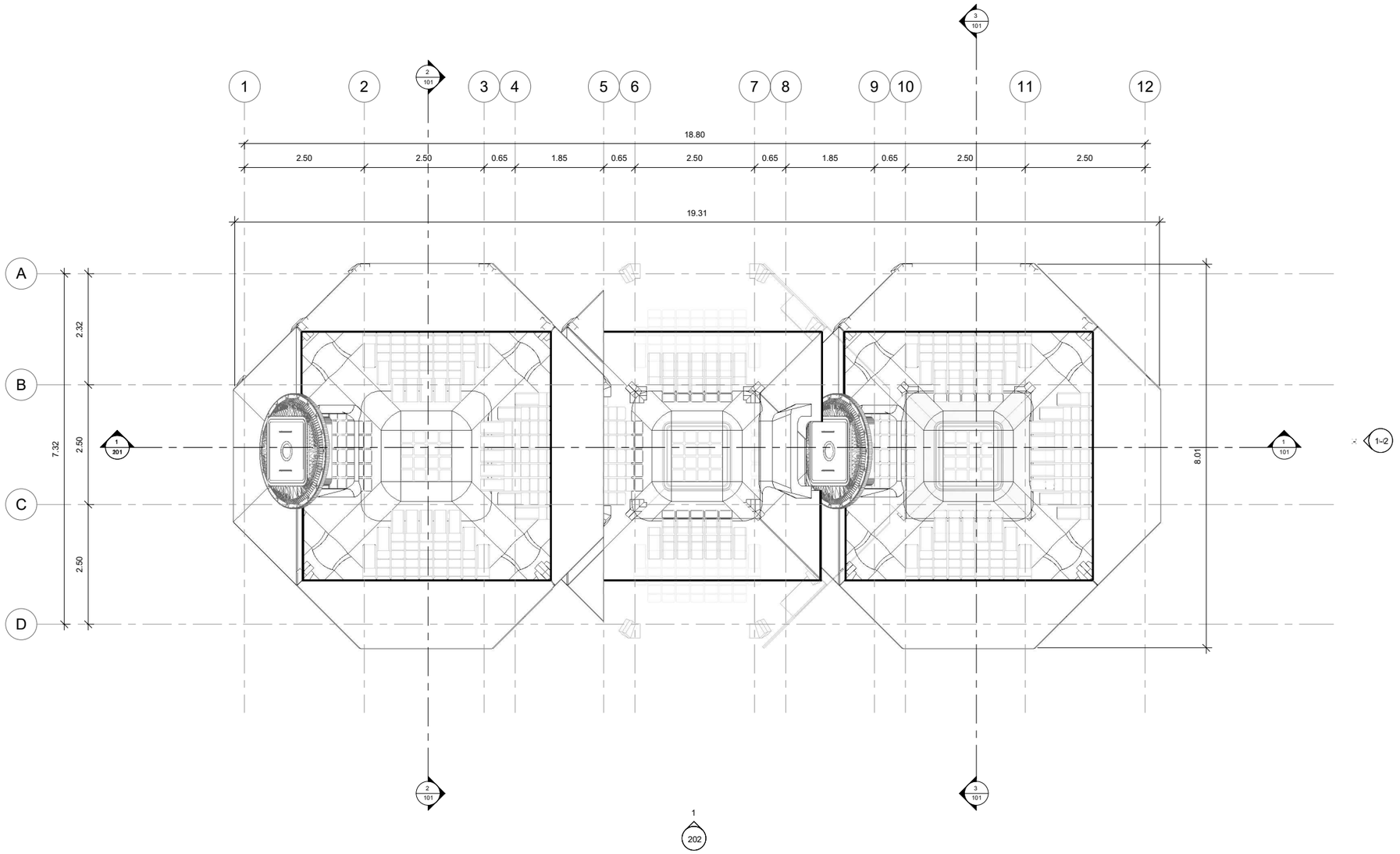
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Notes

revisions

Revisions		
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project name

ORBIT INFRASTRUCTURE

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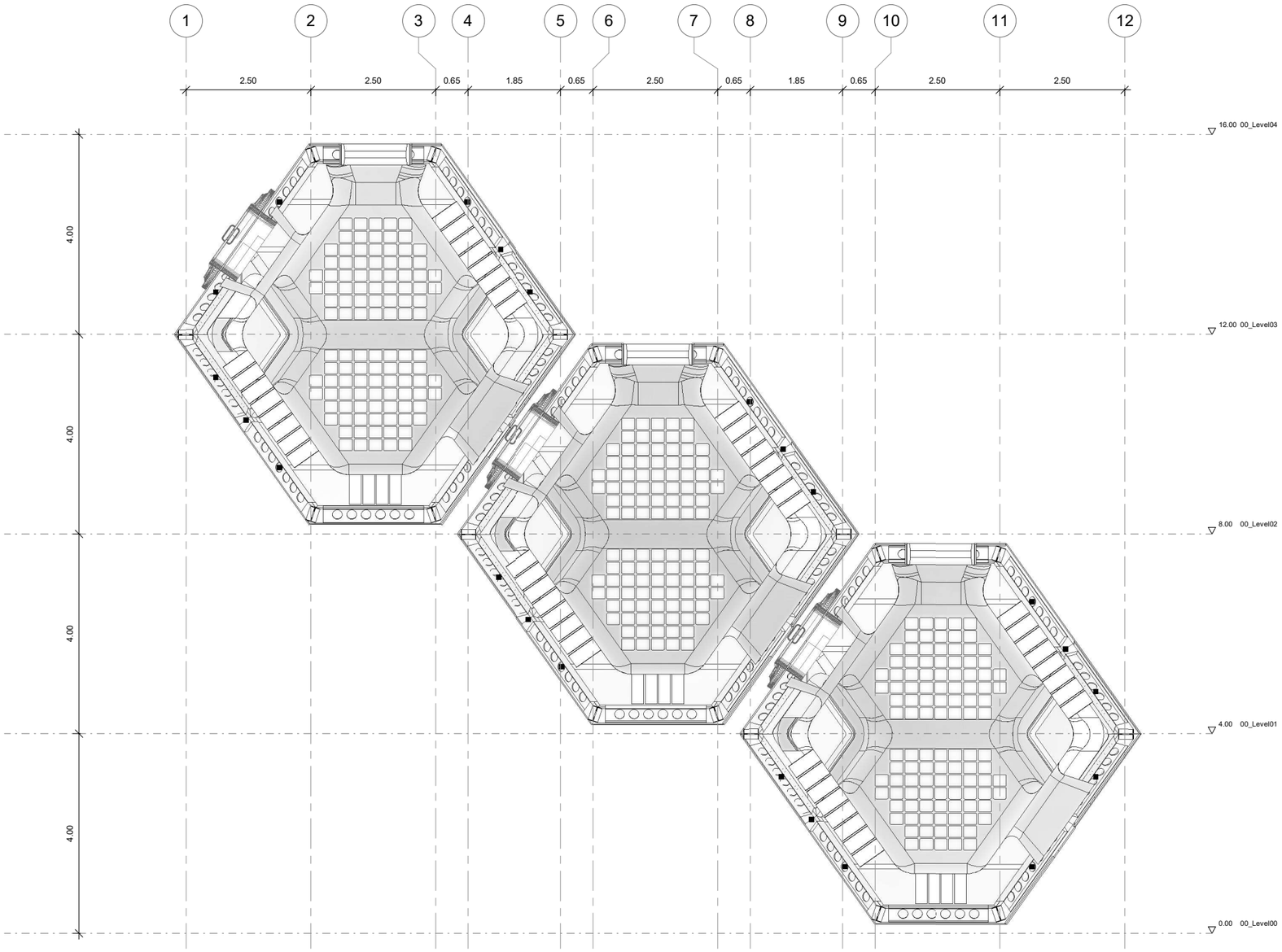
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GA_PLANS



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Notes

revisions

Revisions		
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ORBIT INFRASTRUCTURE

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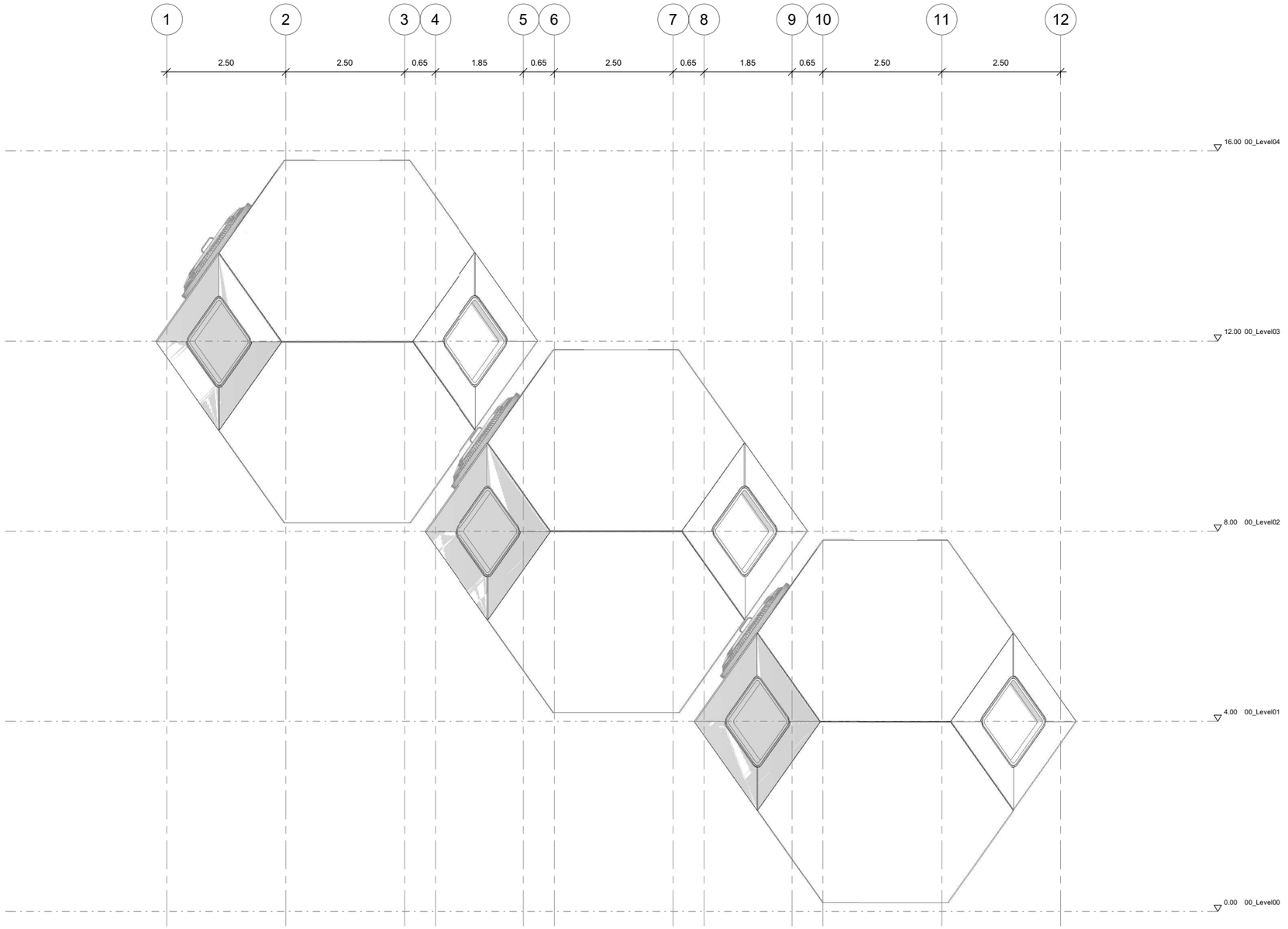
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GA_SECTION



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Notes

revisions

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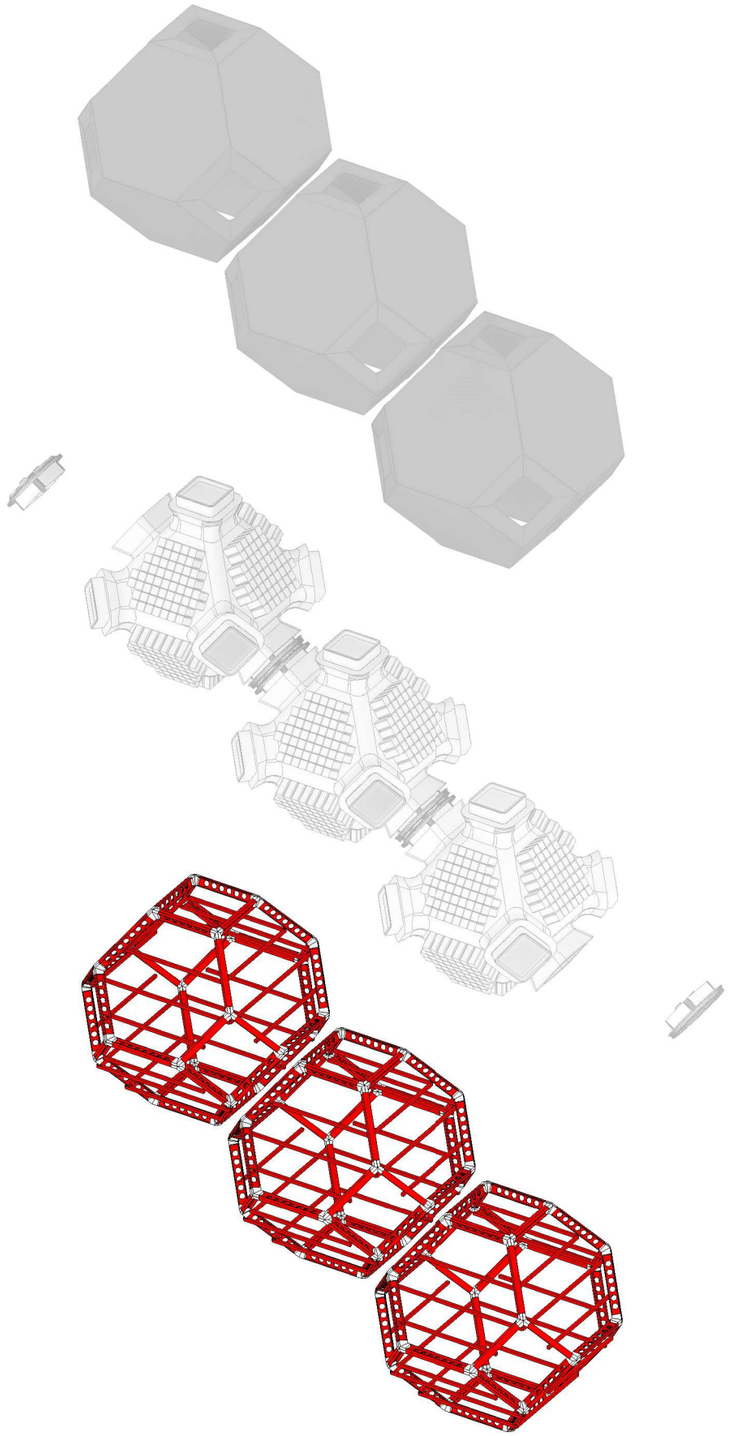
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GA ELEVATION



1 FRAMING & CONNECTORS

Structural Framing Schedule			
Family	Type Mark	Type	Count
OI_Structural Frames	SF01	OI_I-Section0	3
OI_Structural Frames	SF02	OI_I-Section1	3
OI_Structural Frames	SF03	OI_I-Section2	3
OI_Structural Frames	SF04	OI_I-Section3	3
OI_Structural Frames	SF05	OI_I-Section4	3
OI_Structural Frames	SF06	OI_I-Section5	3
OI_Structural Frames	SF07	OI_I-Section6	3
OI_Structural Frames	SF08	OI_I-Section7	3
OI_Structural Frames	SF09	OI_I-Section8	3
OI_Structural Frames	SF10	OI_I-Section9	3
OI_Structural Frames	SF11	OI_I-Section10	3
OI_Structural Frames	SF12	OI_I-Section11	3
OI_Structural Frames	SF13	OI_I-Section12	3
OI_Structural Frames	SF14	OI_I-Section13	3
OI_Structural Frames	SF15	OI_I-Section14	3
OI_Structural Frames	SF16	OI_I-Section15	3
OI_Structural Frames	SF17	OI_I-Section16	3
OI_Structural Frames	SF18	OI_I-Section17	3
OI_Structural Frames	SF19	OI_I-Section18	3
OI_Structural Frames	SF20	OI_I-Section19	3
OI_Structural Frames	SF21	OI_I-Section20	3
OI_Structural Frames	SF22	OI_I-Section21	3
OI_Structural Frames	SF23	OI_I-Section22	3
OI_Structural Frames	SF24	OI_I-Section23	3
OI_Structural Frames	SF25	OI_I-Section24	3
OI_Structural Frames	SF26	OI_I-Section25	3
OI_Structural Frames	SF27	OI_I-Section26	3
OI_Structural Frames	SF28	OI_I-Section27	3
OI_Structural Frames	SF29	OI_I-Section28	3
OI_Structural Frames	SF30	OI_I-Section29	3
OI_Structural Frames	SF31	OI_I-Section30	3
OI_Structural Frames	SF32	OI_I-Section31	3
OI_Structural Frames	SF33	OI_I-Section32	3
OI_Structural Frames	SF34	OI_I-Section33	3
OI_Structural Frames	SF35	OI_I-Section34	3
OI_Structural Frames	SF36	OI_I-Section35	3
XX-StructuralFraming2	SF37	XX-StructuralFraming2	58

Structural Connection Schedule			
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OI_Structural Connector	SC01	OI_Connector0	3
OI_Structural Connector	SC02	OI_Connector1	3
OI_Structural Connector	SC03	OI_Connector2	3
OI_Structural Connector	SC04	OI_Connector3	3
OI_Structural Connector	SC05	OI_Connector4	3
OI_Structural Connector	SC06	OI_Connector5	3
OI_Structural Connector	SC07	OI_Connector6	3
OI_Structural Connector	SC08	OI_Connector7	3
OI_Structural Connector	SC09	OI_Connector8	3
OI_Structural Connector	SC10	OI_Connector9	3
OI_Structural Connector	SC11	OI_Connector10	3
OI_Structural Connector	SC12	OI_Connector11	3
OI_Structural Connector	SC13	OI_Connector12	3
OI_Structural Connector	SC14	OI_Connector13	3
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OI_Structural Connector	SC32	OI_Connector31	3
OI_Structural Connector	SC33	OI_Connector32	3
OI_Structural Connector	SC34	OI_Connector33	3
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OI_Structural Connector	SC36	OI_Connector35	3

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Notes

revisions

Revisions		
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project name

ORBIT INFRASTRUCTURE

Clemens Russ
Naitik Sharma
Oluwadamilola (Dami) Akinniyi

project number

00000

revision *date*

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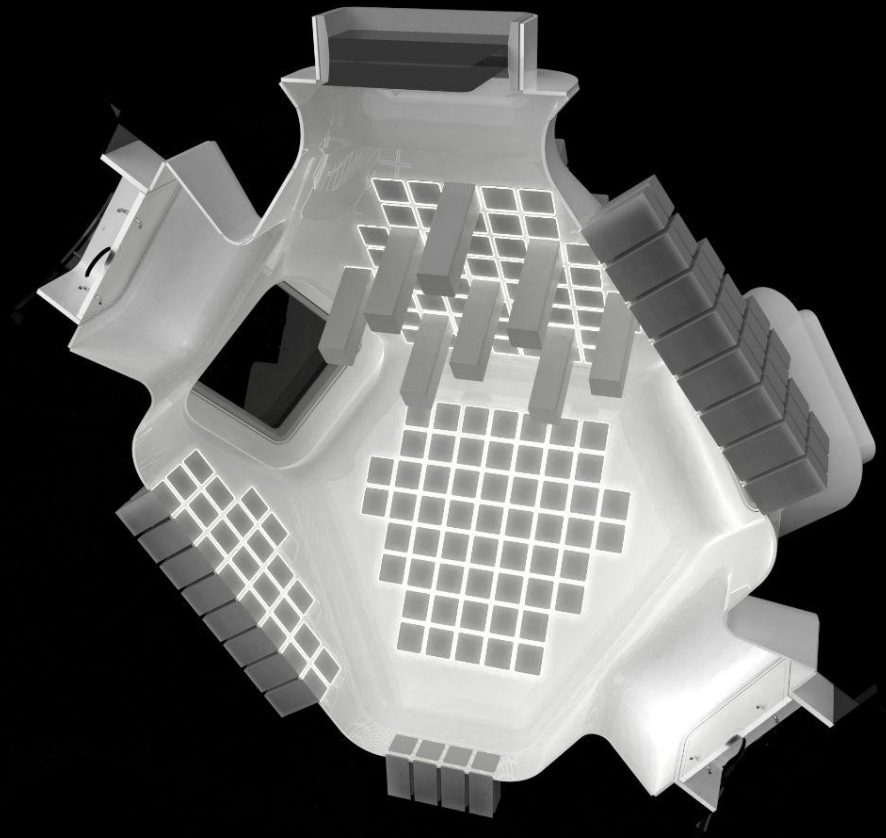
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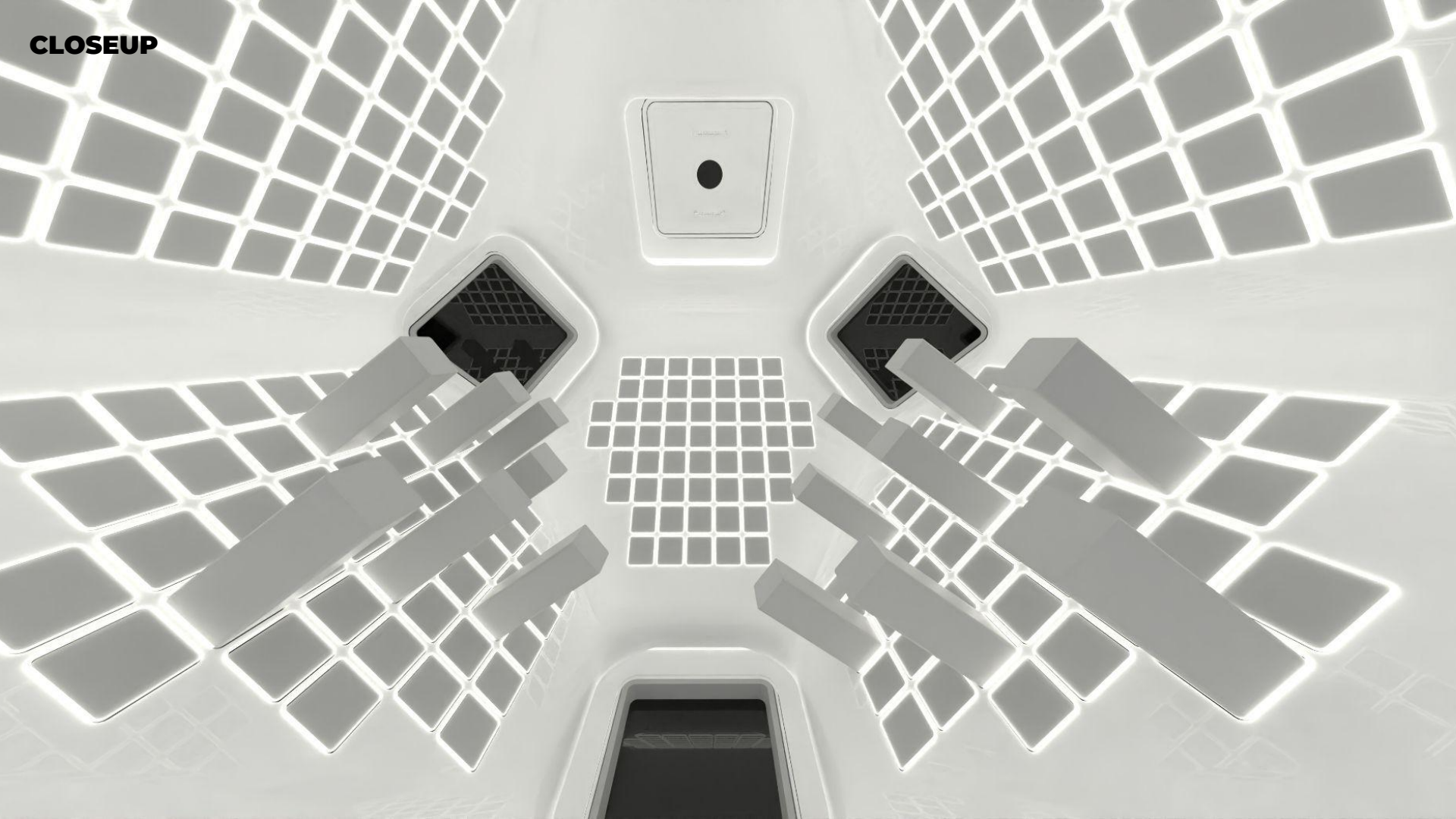
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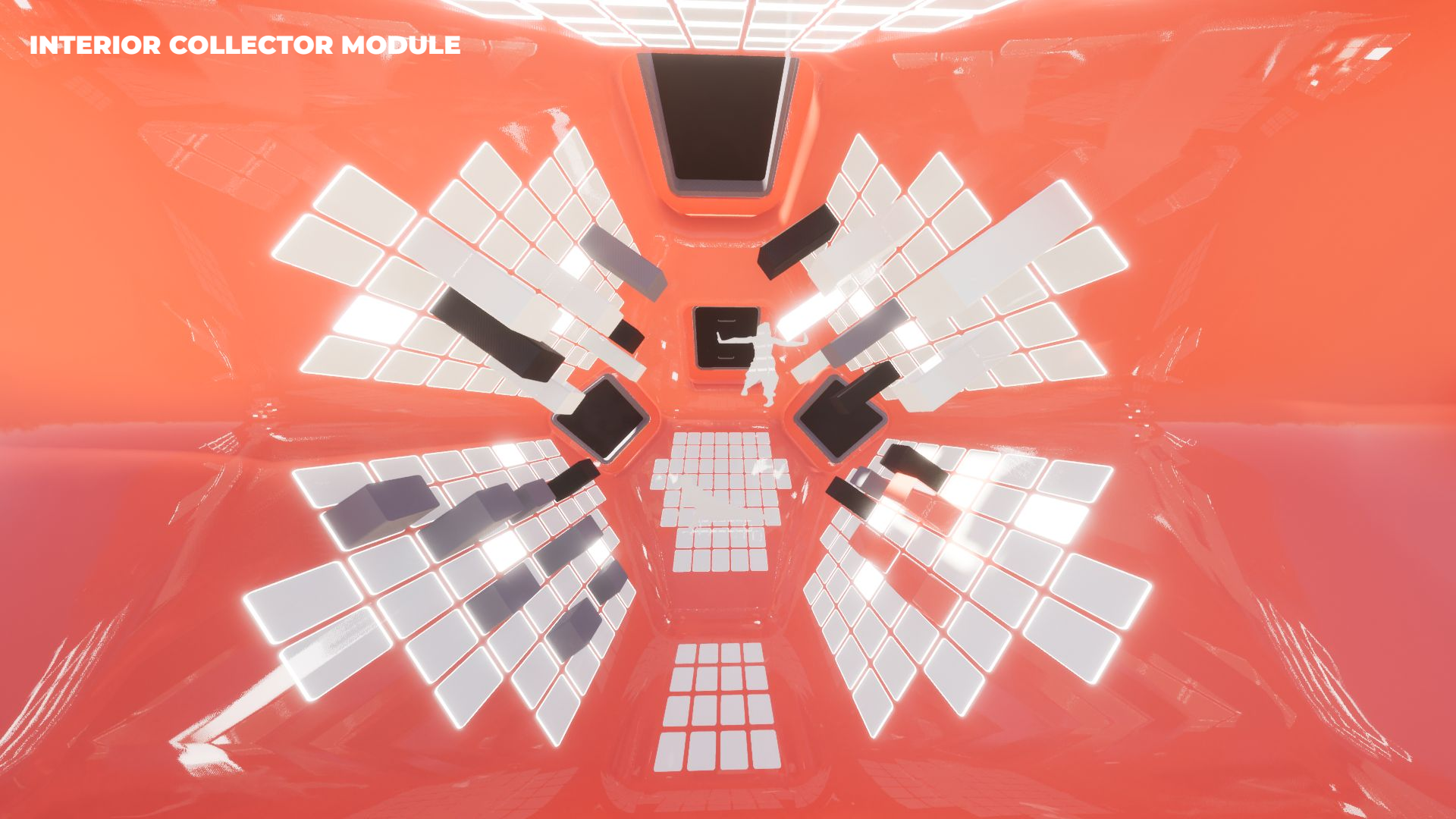
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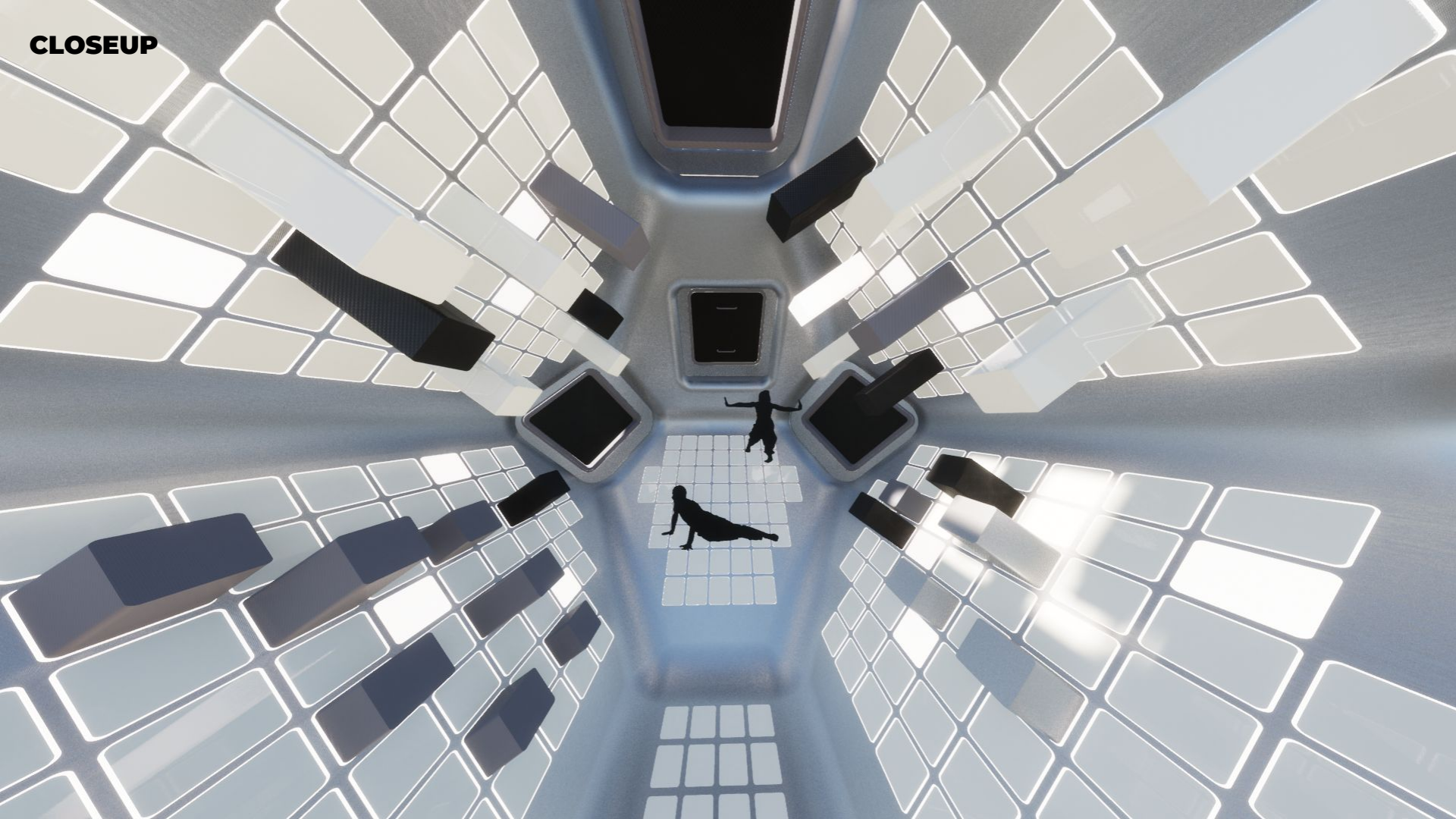
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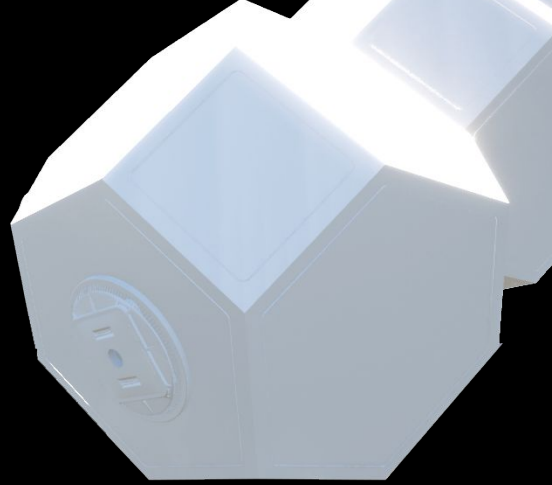



CLOSEUP

INTERIOR COLLECTOR MODULE




CLOSEUP



Institute for advanced architecture of Catalonia

Clemens Russ
Naitik Sharma
Oluwadamilola (Dami) Akinniyi
Final Pinup_March 2022

THANK YOU!!!

