

COMMUNITY CENTRE CONCEPT



WINDOWS WITH ARCHES



OAT WHERE TREES ARE WORKING AS SHADING DEVICE FOR SITTING SPACE

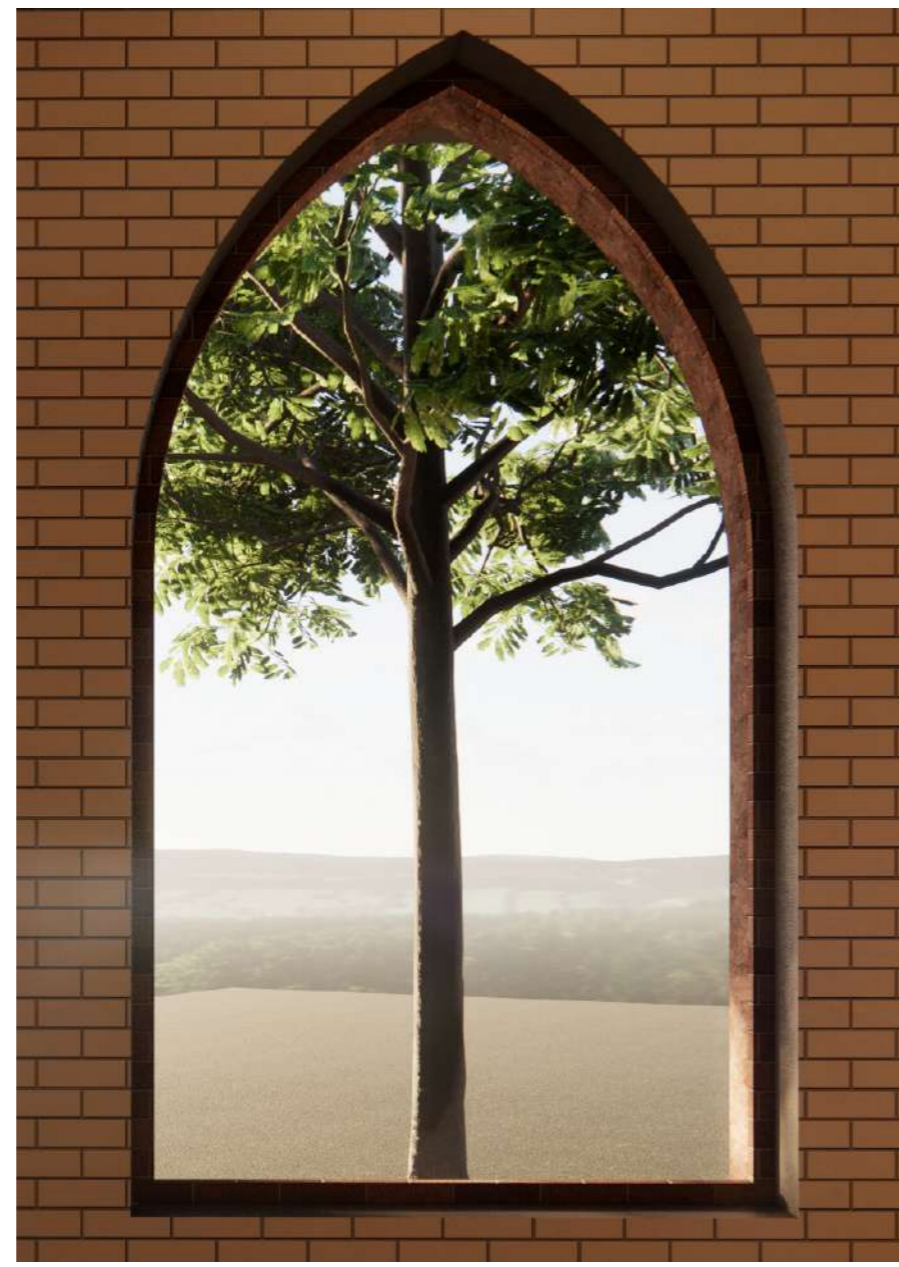


SITTING SPACE AROUND TREES



LANDSCAPING AS SHADING DEVICE

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COMMUNITY CENTRE



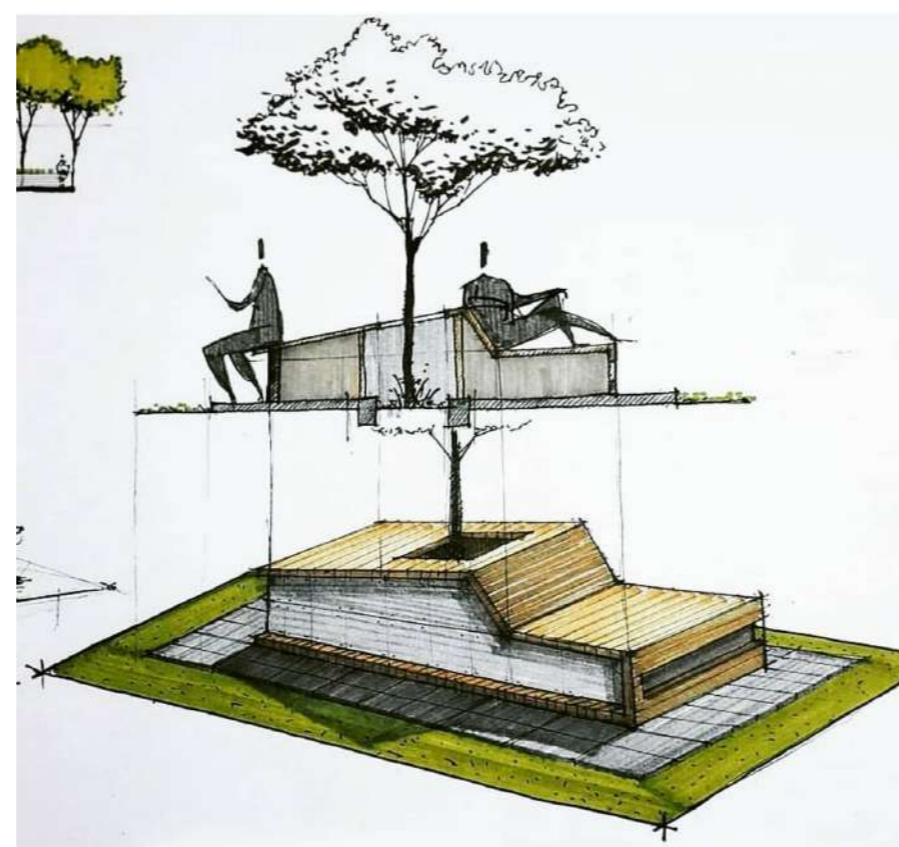
VERNACULAR ARCHITECTURE

*THE VERNACULAR ARCHITECTURE IS PRACTICED OVER HERE ALONG WITH THE RURAL CONTEXT OF THE VILLAGE KILA RAIPUR WHERE THE SITE IS LOCATED.

*LOCALLY AVAILABLE MATERIALS ARE FIRST CHOICE FOR THE CONSTRUCTION.

* LOCALLY SKILLED LABOUR AND CONSTRUCTION TECHNIQUES ARE AT PRIORITY.

*KEY ARCHITECTURE ELEMENT OF THE VILLAGE ARE USED AT VARIOUS POINT ALIKE ARCHES, BRICK FACED, EXPOSED BRICK WORKS, ETC.



MAJOR CONCEPT USED IN THE DESIGN IS SITTING SPACES AROUND THE TREES INSIDE AS WELL AS THE OUTSIDE.

CLIMATOLOGY

* ORIENTATION-THE BUILDING IS ORIENTED 30DEGREE WITH THE SITE TO MAKE THE NORTHERN-SOUTHERN DIRECTION PERPENDICULAR TO LONGER FACEDS

*SUN- TO MINIMIZE THE HEAT GAIN FROM SUN WINDOWS ON THE WESTERN SIDE ARE AVOIDED. IF THERE ARE WINDOW ON WEST THEN PROPER SHADING DEVICE IS USED.

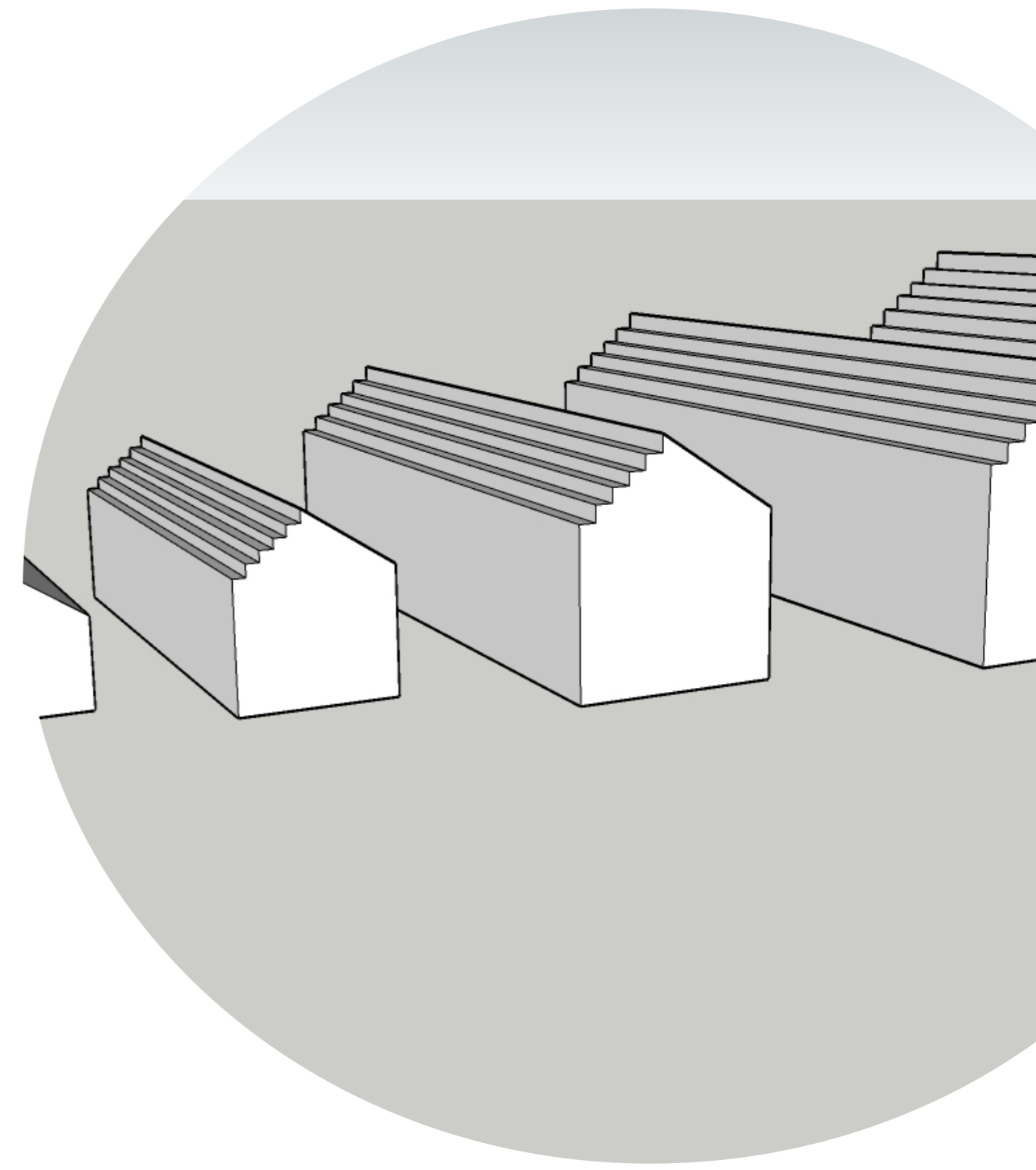
*LIGHTING-MAXIMUM WINDOWS ARE PROVIDED ON NORTHERN DIRECTION TO MINIMIZE THE ARTIFICIAL LIGHTING.

FORM

*FORM SHOULD HAVE THE REQUIRE DISTRIBUTION OF SPACE ACCORDING THE FUNCTIONALITY OF THE BUILDING.

*BOTHWAY SLANTED ROOF BLOCKS WITH SKY-LIGHT LIGHT OPEING ON SITTING SPACES ARE PROPOSED.

*ONE SIDE THE ROOF IS FULLY SLOPED AND ON THE ANOTHER THE STEPS LIKE STRUCTURE IS PROVIDED.



ZONING

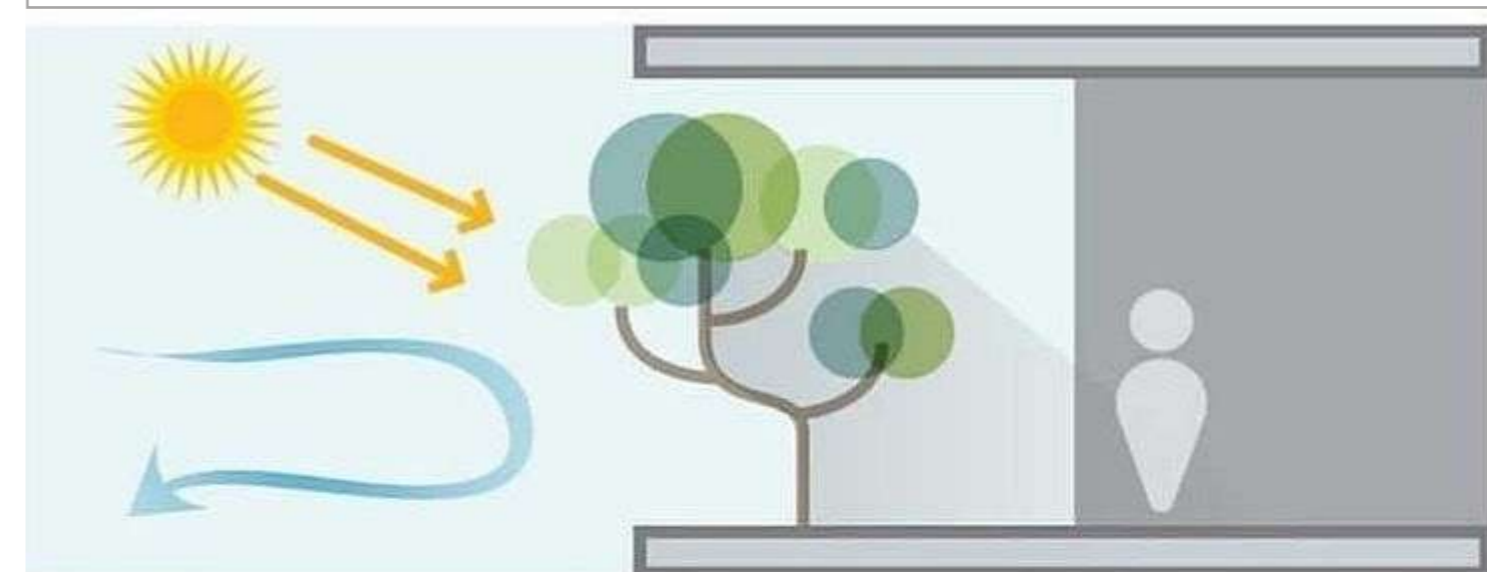
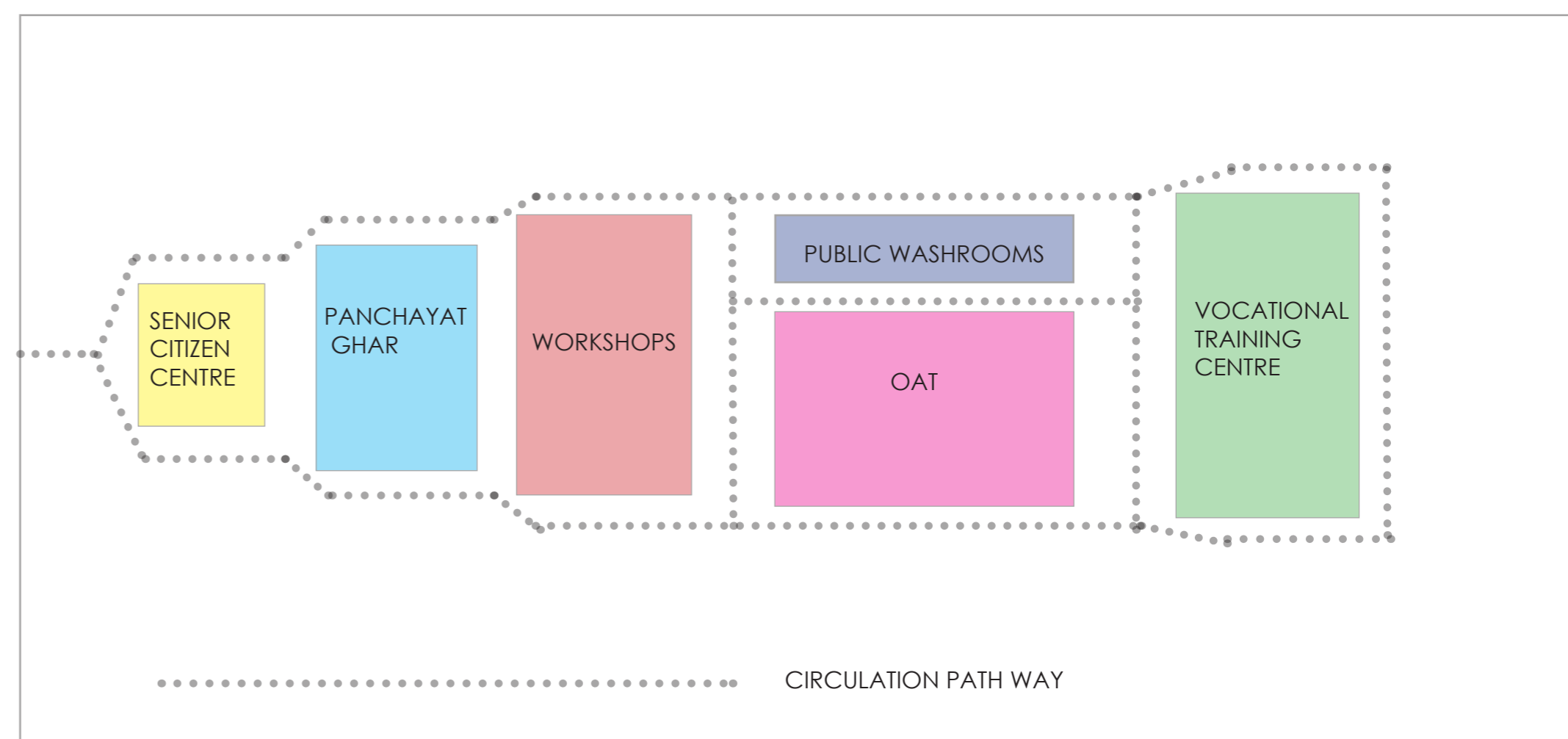
*SENIOR CITIZEN CENTRE IS PLACED AT FIRST TO MAKE SURE THE OLD AGE COMMUNITY OF THE VILLAGE ALSO BE THE PART OF ACTIVITIES AT THE CENTRE

*THE PANCHAYAT GHAR IS NEXT TO MAKE SURE THE ACTIVITIES AT THE CENTRE DONT DISTURB ITS FUNCTIONALITY.

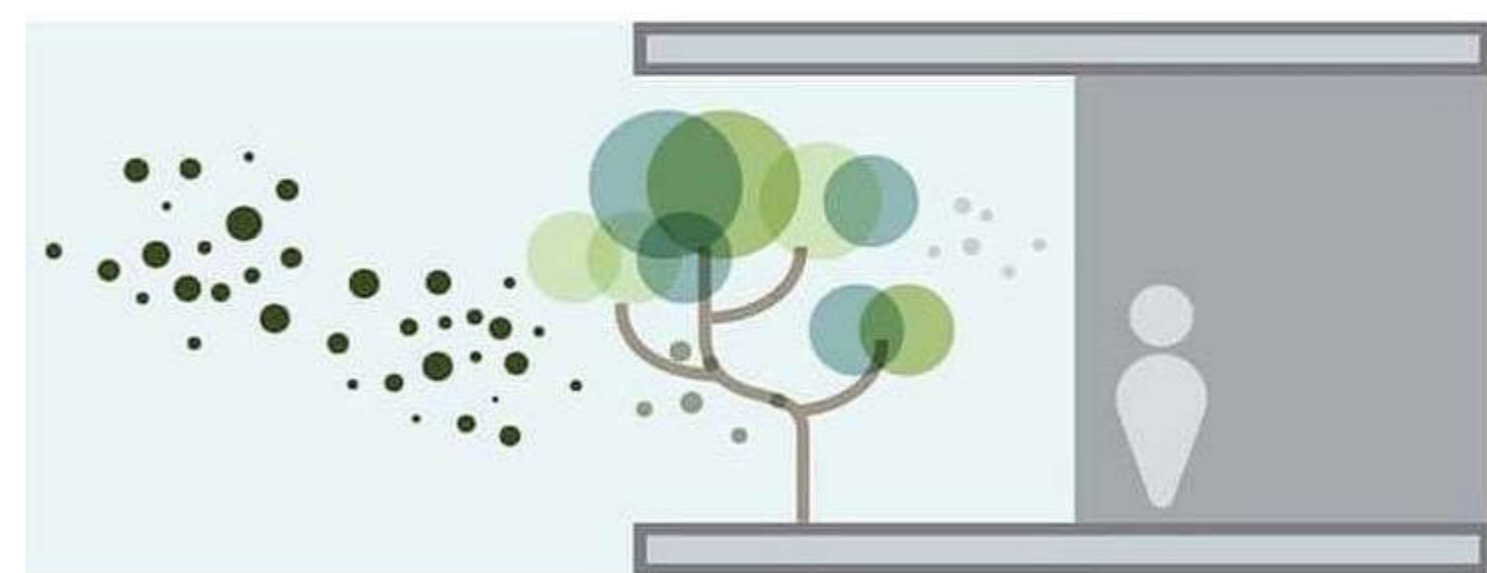
* THE THE WORKSHOPS ATTACHED TO OAT IS PLACED.

*OAT BEING AT THE CENTRE OF THE SITE

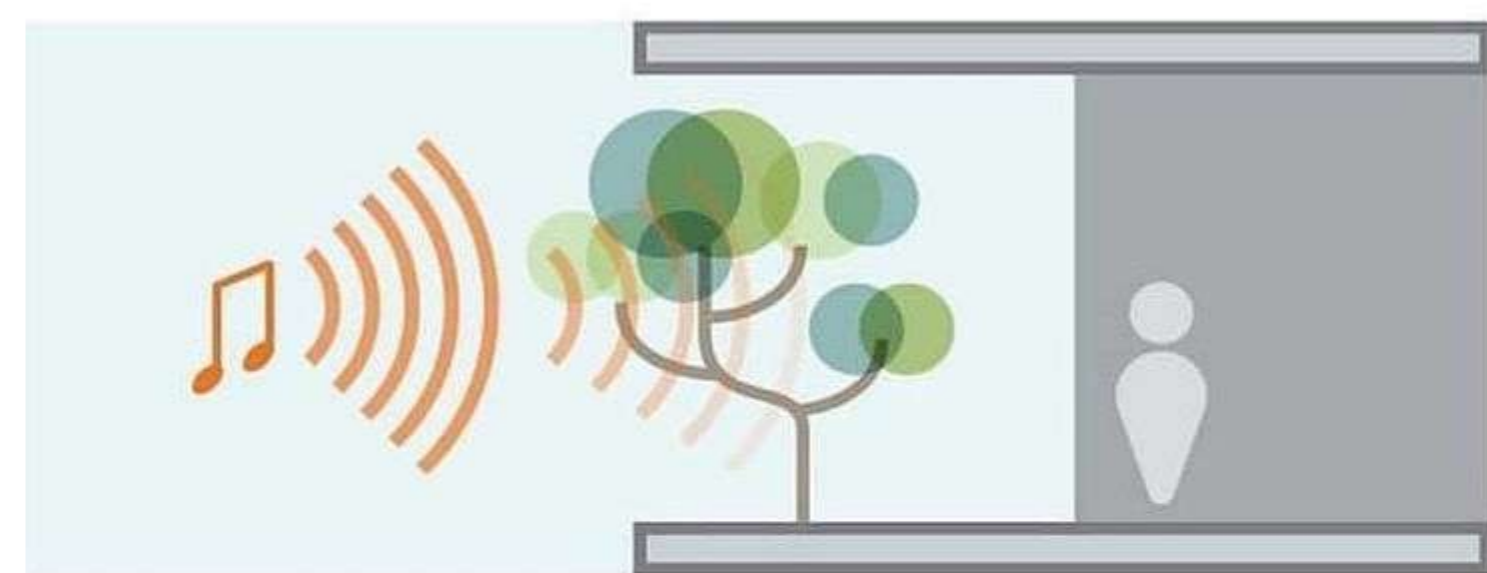
*LAST IS THE VOCATIONAL TRAINING CENTRE TO MAKE IT ISOLATE FROM OTHERS



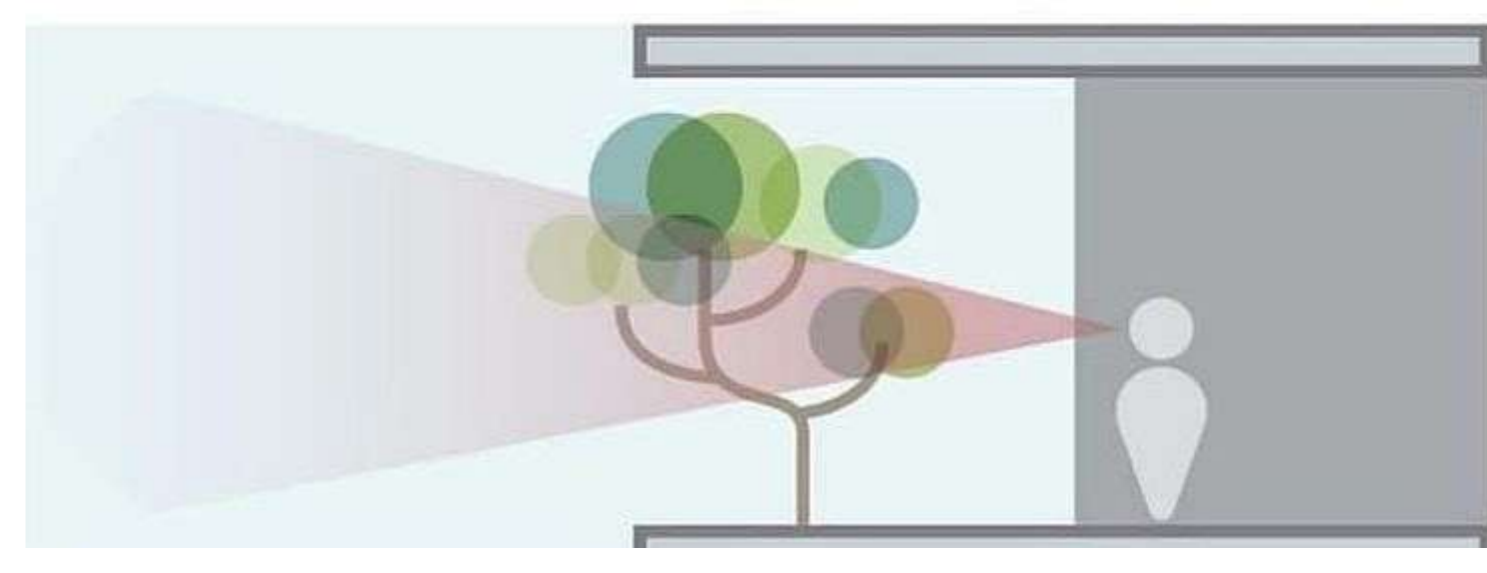
THERMAL COMFORT



AIR QUALITY



NOISE ABSORPTION



BIOPHILIA

COMMUNITY CENTRE

SITE PLAN AND SITE SECTION 1:200

AREA STATEMENT		
1	SITE AREA	1 ACRE / 4047 SQ.M
2	PREMISSIBLE GROUND COVERAGE	45%
3	PROPOSED GROUND COVERAGE	25%
4	PROPOSED BUILT UP AREA	25%



VOCATIONAL TRAINING CENTER VIEW.



VIEW OF OAT.



VIEW OF WORKSHOP FRONT AND PUBLIC TOILET FRONT.



THE LANDSCAPING IS USED AS SHADING DEVICE FOR WESTERN WINDOWS IN WORKSHOP.

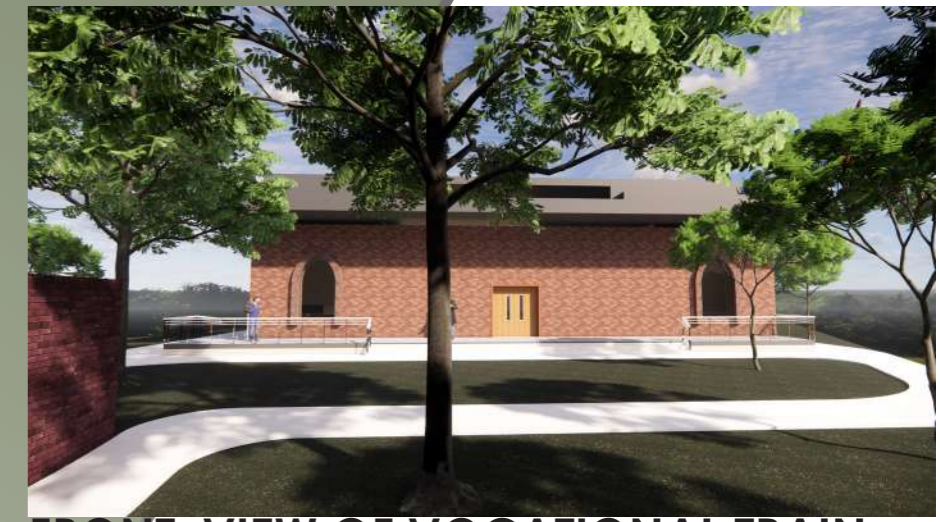


WESTERN VIEW OF SENIOR CITIZEN CENTRE



FRONT VIEW SENIOR CITIZEN CENTRE

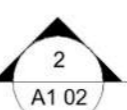

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FRONT VIEW OF VOCATIONAL TRAINING CENTER



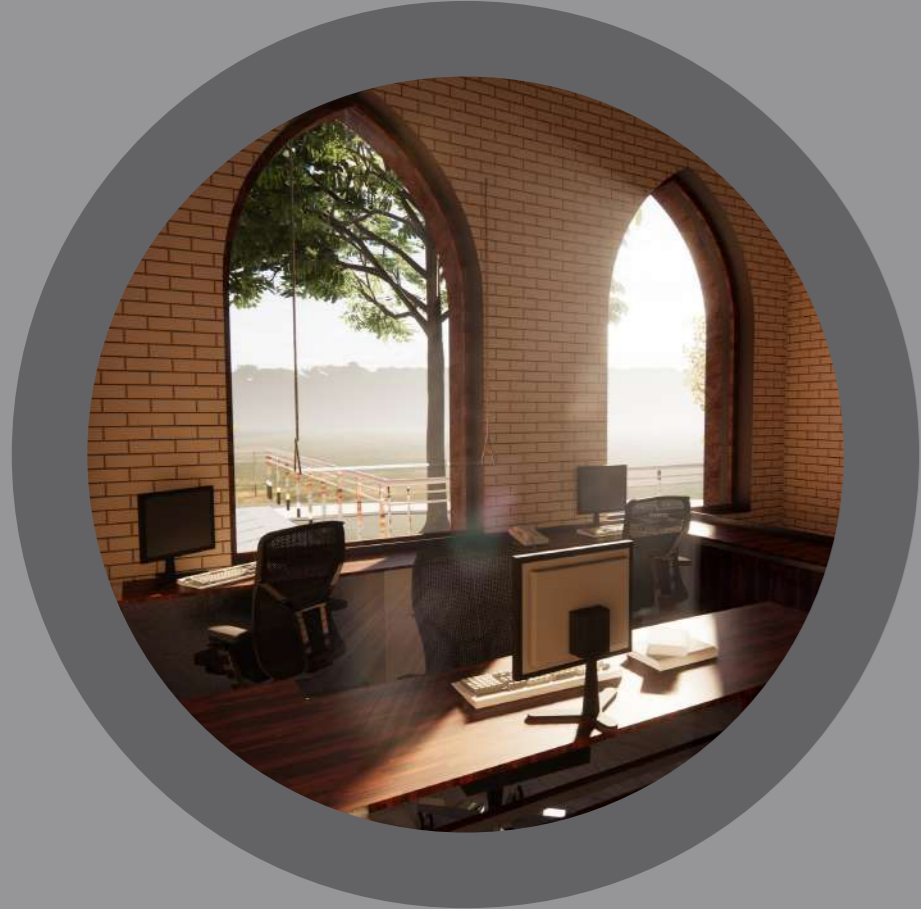
EASTERN WINDOWS WITH ARCHES OF PANCHAYAT GHAR


 2
 A1 02
 1 Site
 1 : 200



2 SITE SECTION
 1 : 200

COMMUNITY CENTRE LAYOUT PLANS 1:100



CLERK OFFICE- PANCHAYAT GHAR



READING ROOM-SENIOR CITIZEN CENTRE



SEATING SPACE ROOF OPENING OF SENIOR CITIZEN CENTRE



G

LAYOUT PLAN- SENIOR CITIZEN CENTRE- PANCHAYAT GHAR- WORKSHOPS 1:100



WORKSHOP HALLS- WORKSHOP



MEETING ROOM- PANCHAYAT GHAR



SARPANCH OFFICE- PANCHAYAT GHAR



3D PLAN

COMMUNITY CENTRE LAYOUT PLANS 1:100



CLASSROOM 1- VOCATIONAL TRAINING CENTRE



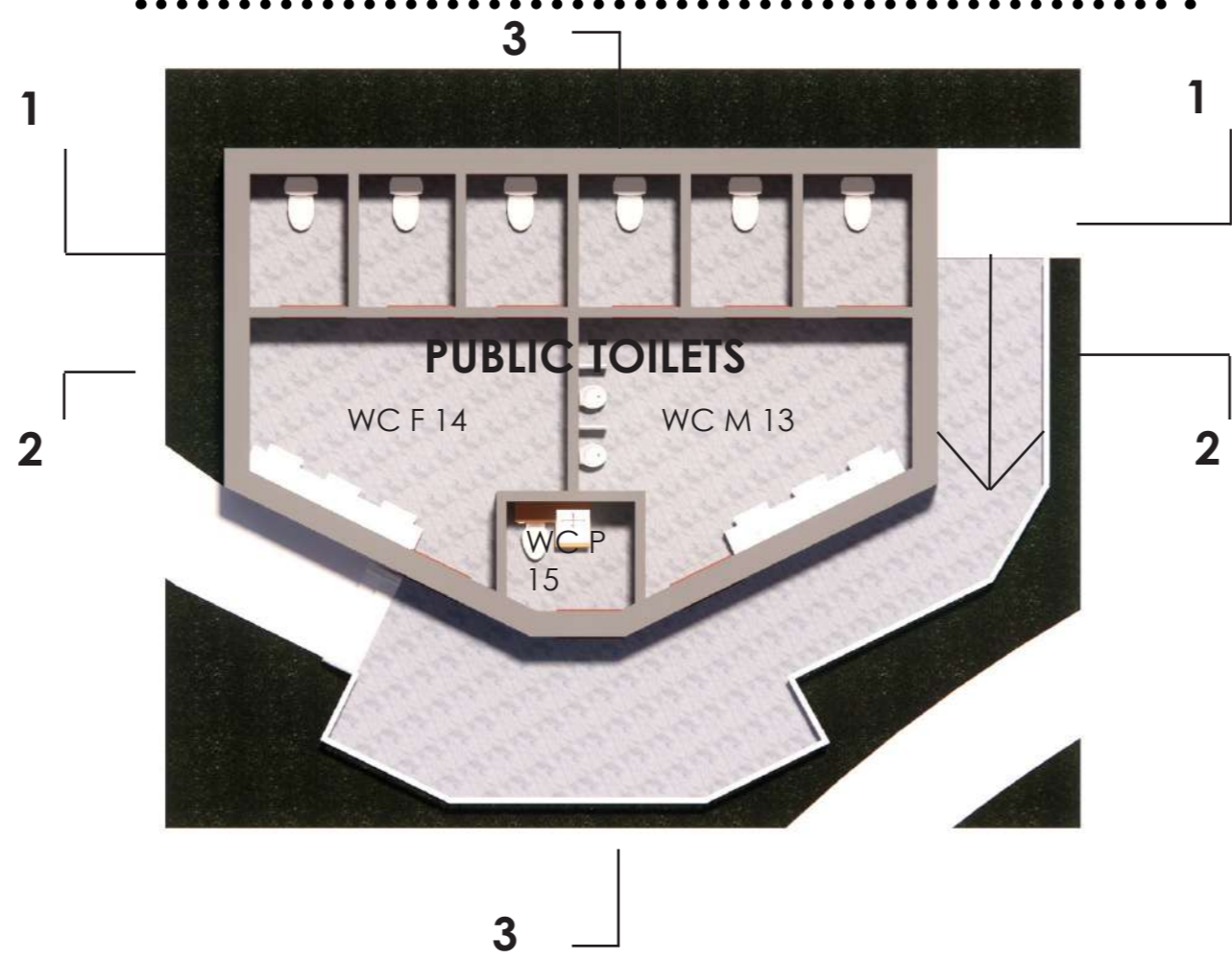
OFFICE -VOCATIONAL TRAINING CENTRE



STAFF ROOM -VOCATIONAL TRAINING CENTRE



WC AREA AND LEGENDS		LXB
DETAILS		
SENIOR CITIZEN CENTRE	WC F 1	1.5X1.4
	WC M 2	2.5X1.4
	WC P 3	1.2X2.0
PANCHAYAT GHAR	WC M 4	1.7X3.7
	WC F 5	1.5X2.5
	WC P 6	1.5X2.5
WORKSHOPS	WC F 7	3.5X3.8
	WC P 8	2.5X1.9
	WC M 9	3.5X3.8
VOCATIONAL TRAINING CENTRE	WC M 10	3.5X1.5
	WC F 11	2.4X1.5
	WC P 12	2.4X1.5
PUBLIC TOILETS	WC M 13	4.5X4.0
	WC F 14	4.4X4.0
	WC P 15	1.8X1.5



LAYOUT PLAN- VOCATIONAL TRAINING CENTRE- PUBLIC WASHROOMS 1:100



MULTIPURPOSE HALL-VOCATIONAL TRAINING CENTRE



VOCATIONAL TRAINING CENTRE



PUBLIC TOILETS



3D PLAN

COMMUNITY CENTRE

ELEVATIONS BLOCK A 1:100



EASTERN FACADES- PANCHAYAT GHAR



ENTRANCE- PANCHAYAT GHAR

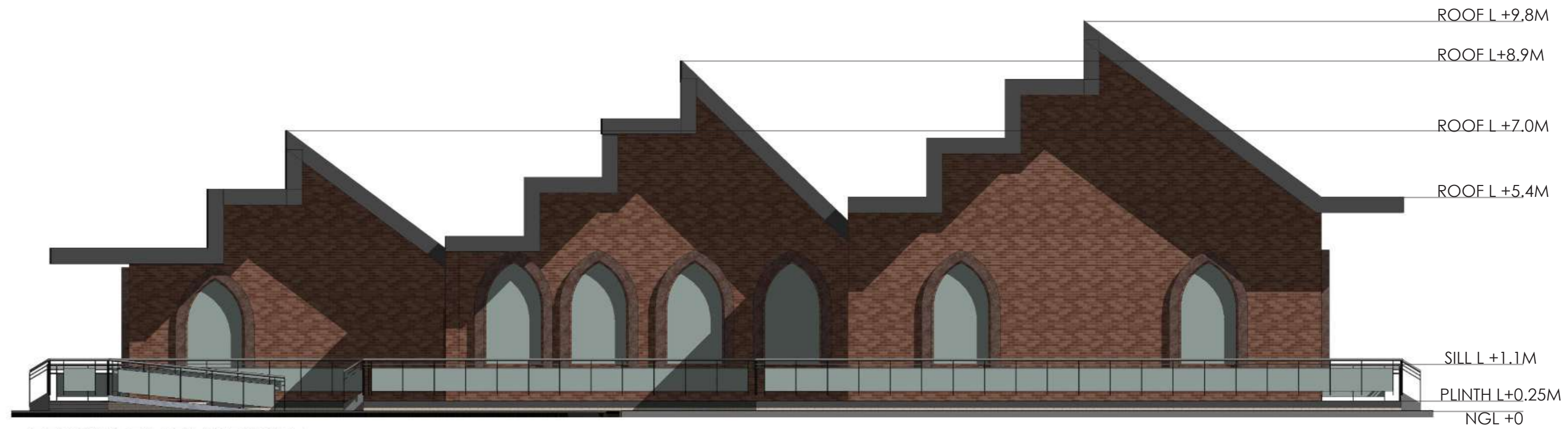


FRONT ELEVATION-SENIOR CITIZEN CENTRE

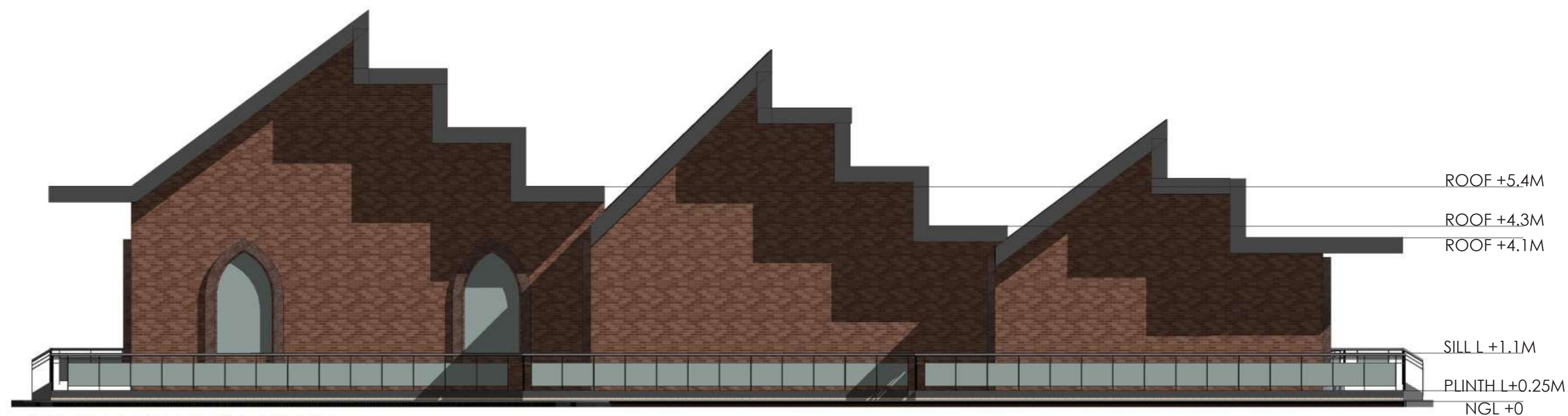


WESTERN FACDES

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1 EAST ELEVATION
1 : 100



2 WEST ELEVATION1
1 : 100



3 SOUTH ELEVATION
1 : 100



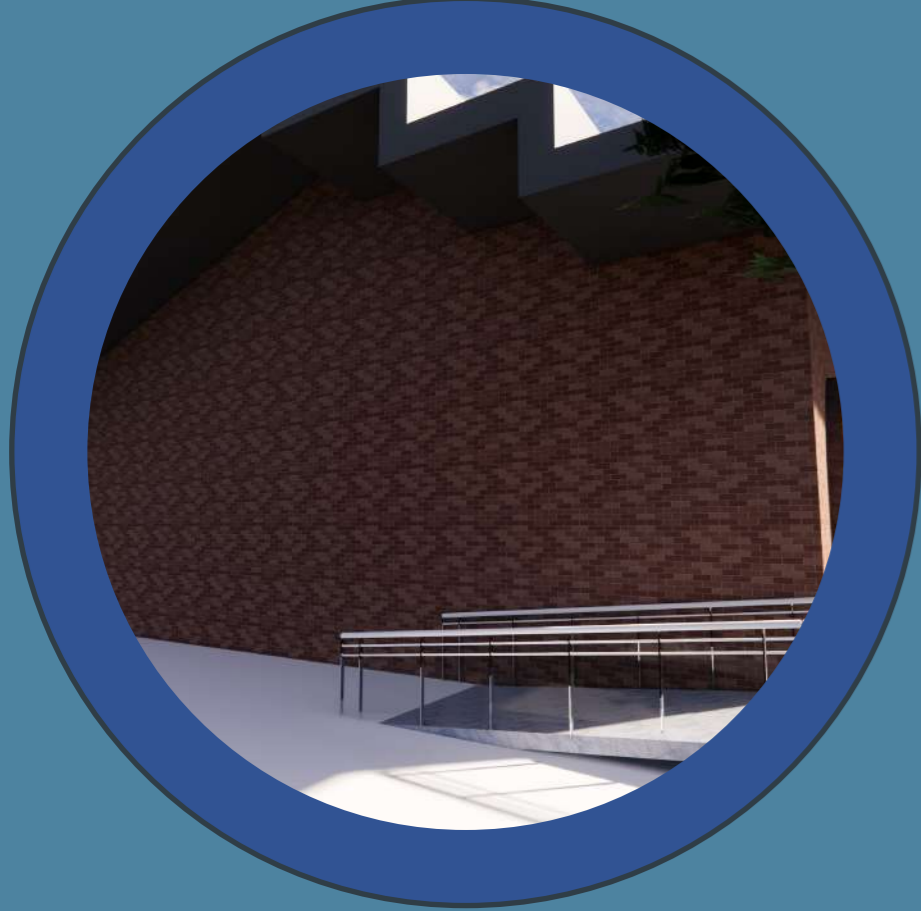
4 NORTH ELEVATION
1 : 100

COMMUNITY CENTRE

ELEVATIONS BLOCK B 1:100



NORTHERN FACADES- VOCATIONAL TRAINING CENTRE



WESTERN FACADE- VOCATIONAL TRAINING CENTRE



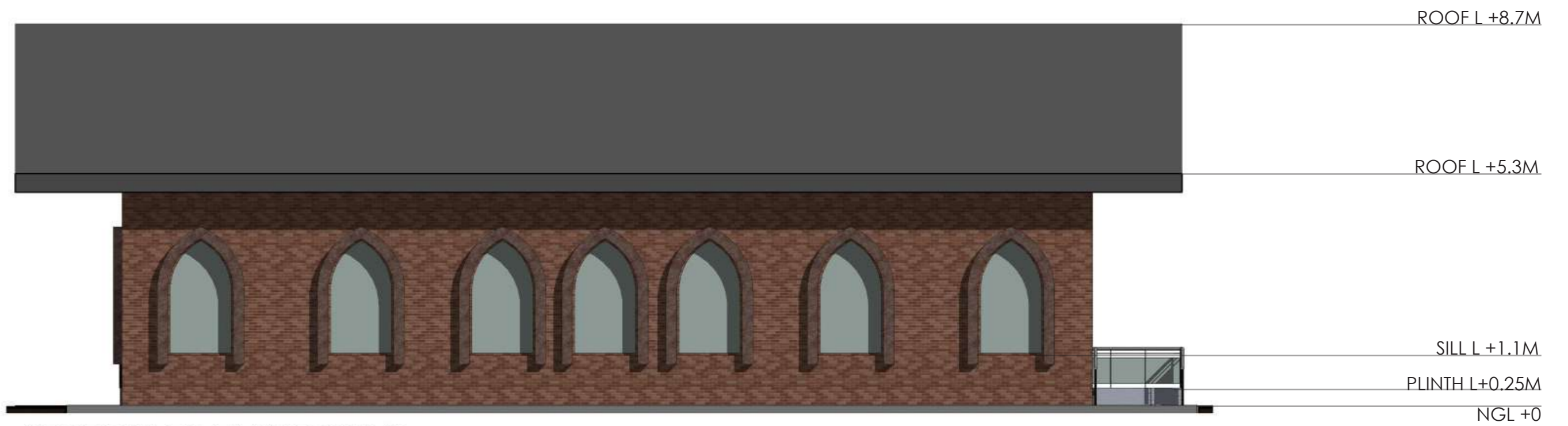
EASTERN ELEVATION-VOCATIONAL TRAINING CENTRE



FRONT FACDES PUBLIC WASHROOMS



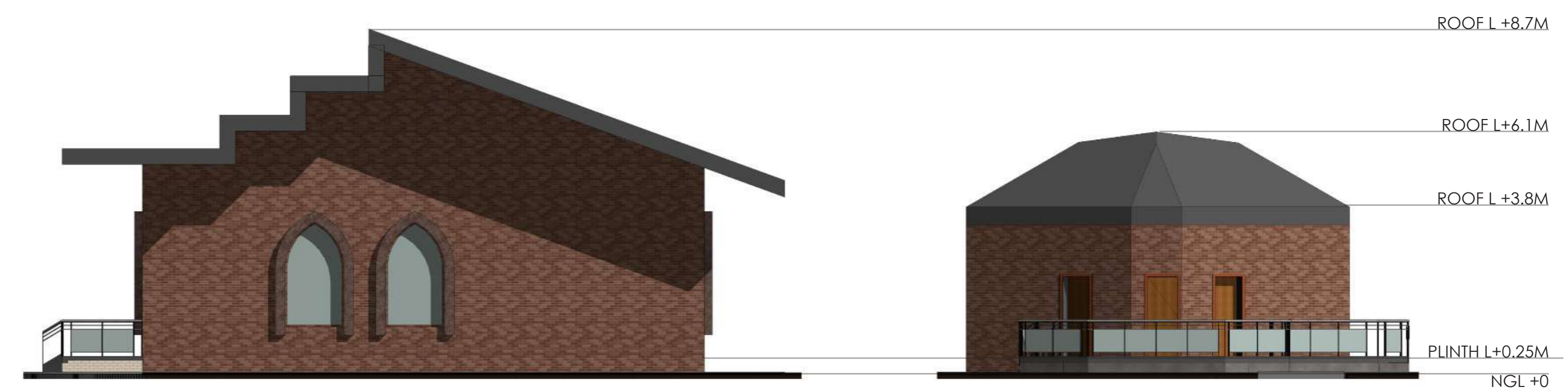
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1 NORTH ELEVATION 2
1:100



2 SOUTH ELEVATION 2
1:100



3 EAST ELEVATION 2
1:100

5 FRONT ELEVATION
1:100

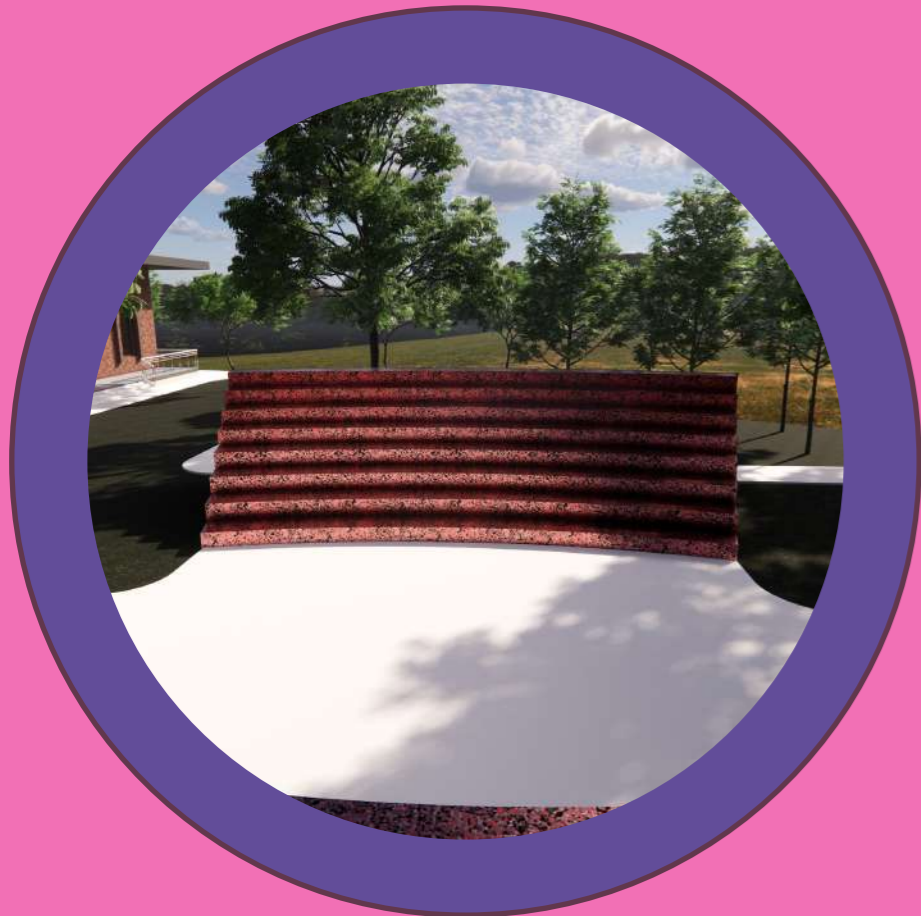


4 WEST ELEVATION 2
1:100

6 SIDE ELEVATION
1:100

COMMUNITY CENTRE

SECTIONS 1:100/1:50



OAT



PATHWAYS

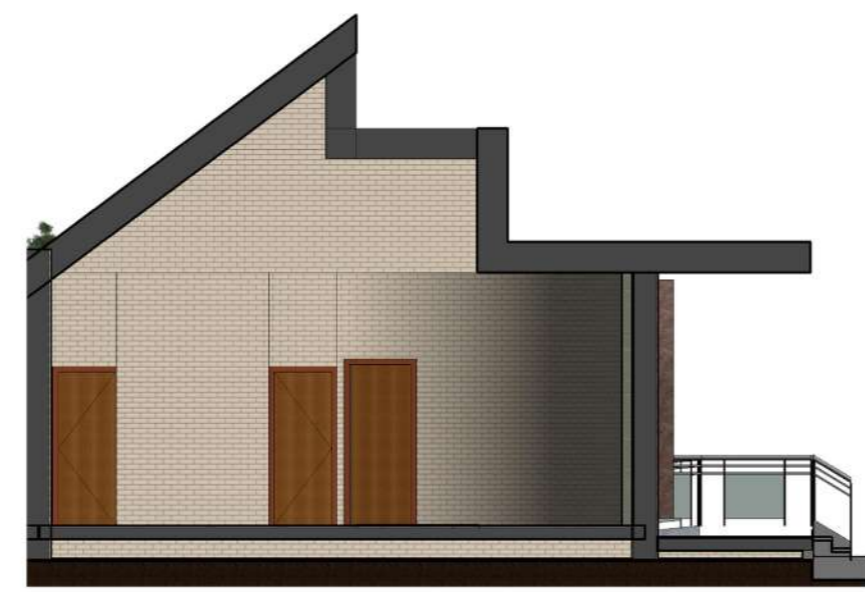


GREEN SPACES



ROOF OPENING WITH GLASS

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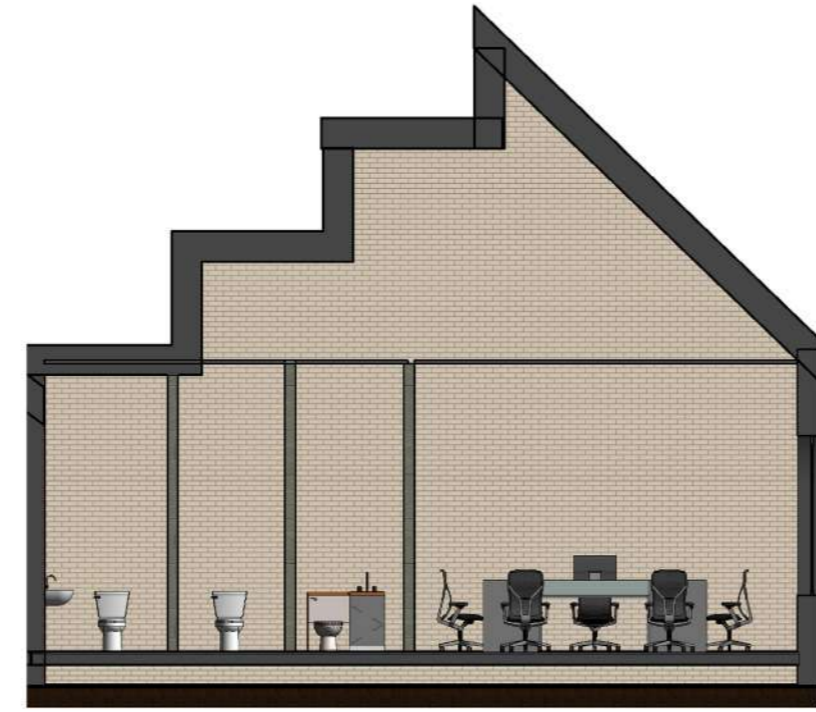


A SECTION BB' SCC
1:100

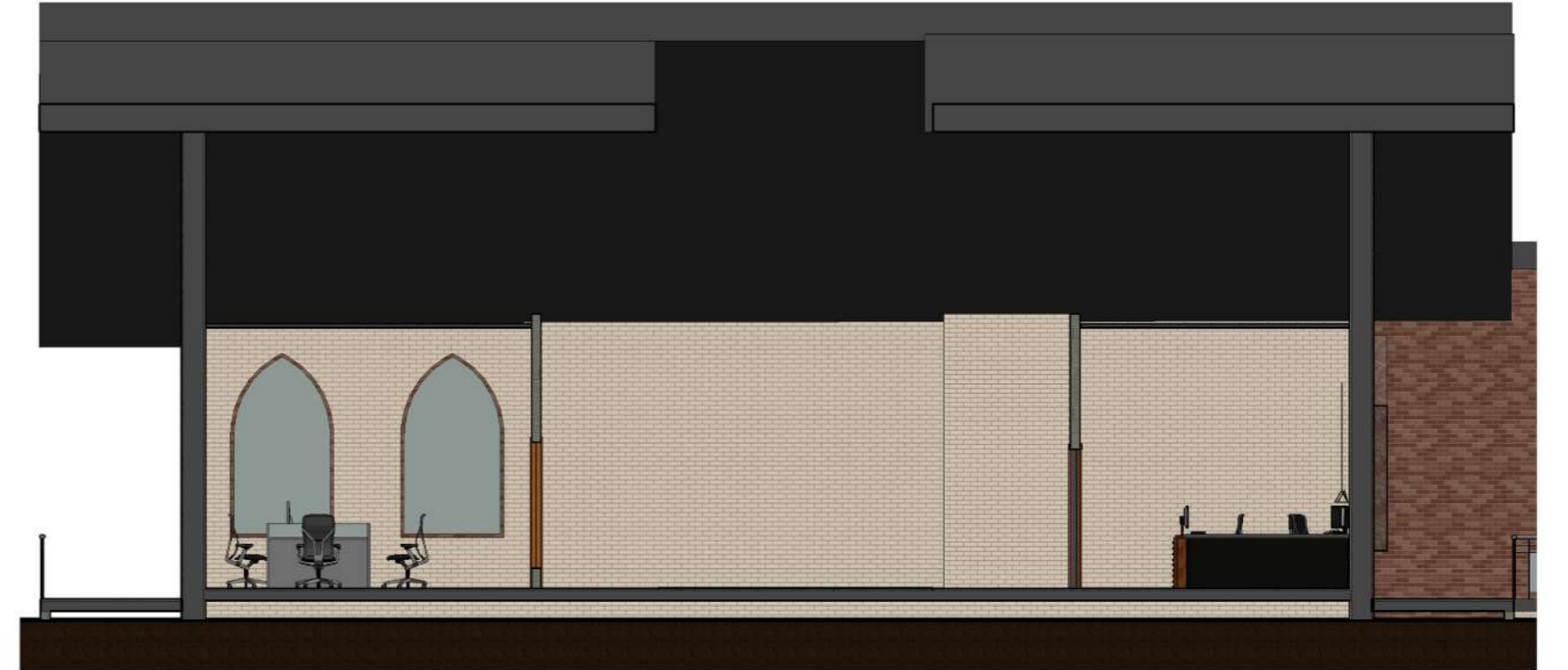
PLINTH L+0.25M
NGL +0



1 SECTION AA' SCC
1:100



B SECTION DD' PG
1:100



2 SECTION CC' PG
1:100



C SECTION EE' WORKSHOP
1:100

PLINTH L+0.25M
NGL +0



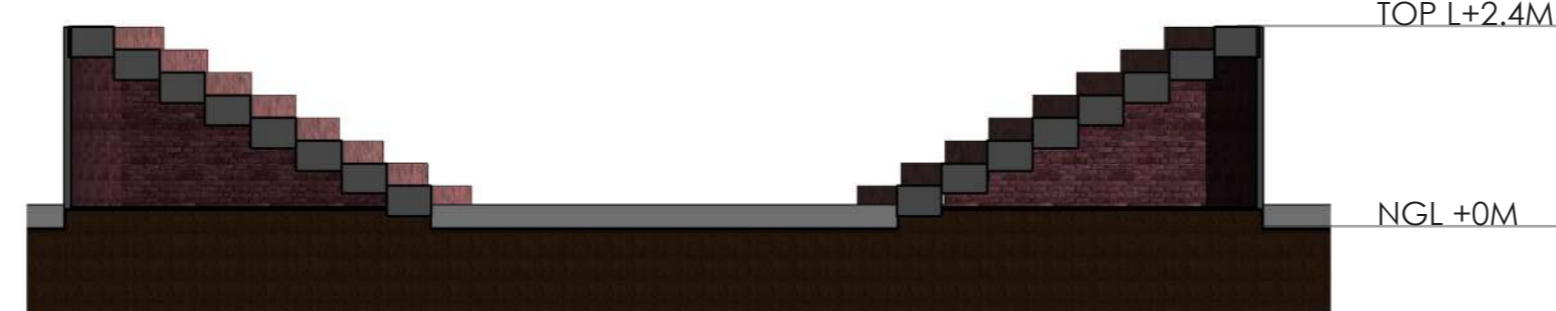
3 SECTION FF' WORKSHOP
1:100



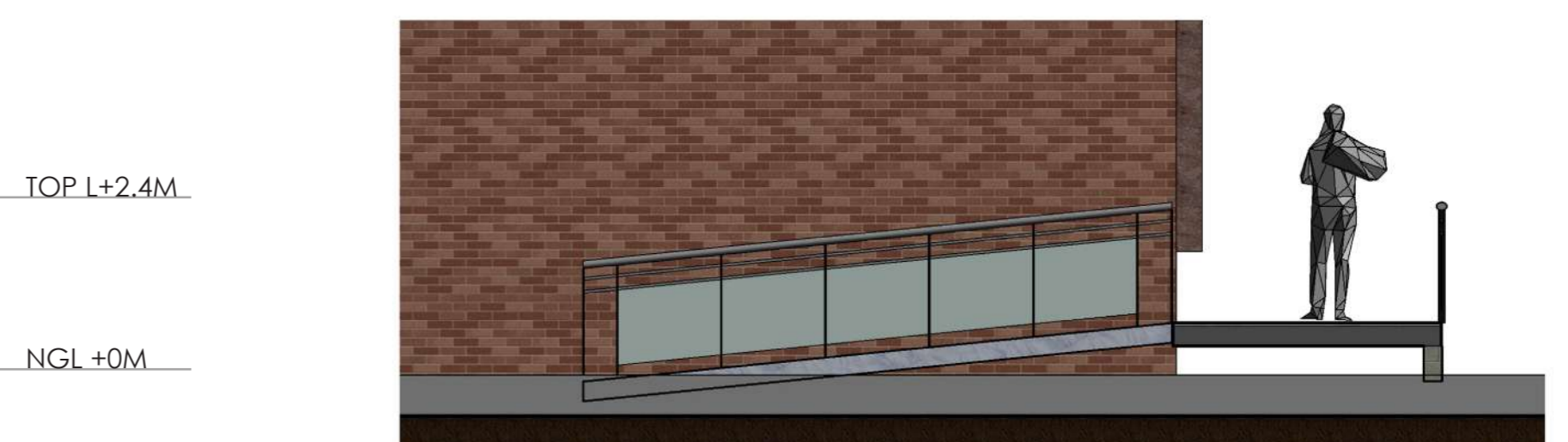
D SECTION HH' VTC
1:100



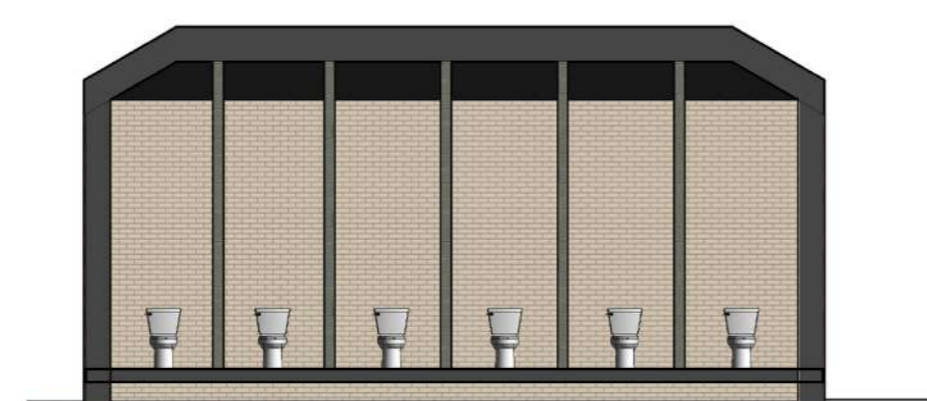
4 SECTION GG' VTC
1:100



5 SECTION OAT
1:100



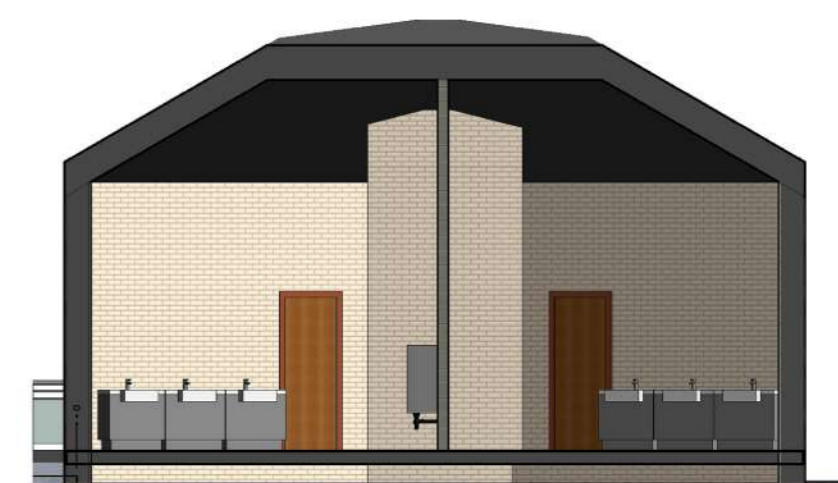
6 SECTION II' RAMP
1:50



7 SECTION PUBLIC TOILET
1:100



8 SECTION PUBLIC TOILET2
1:100



9 SECTION PUBLIC TOILET3
1:100