

RIVERBEND

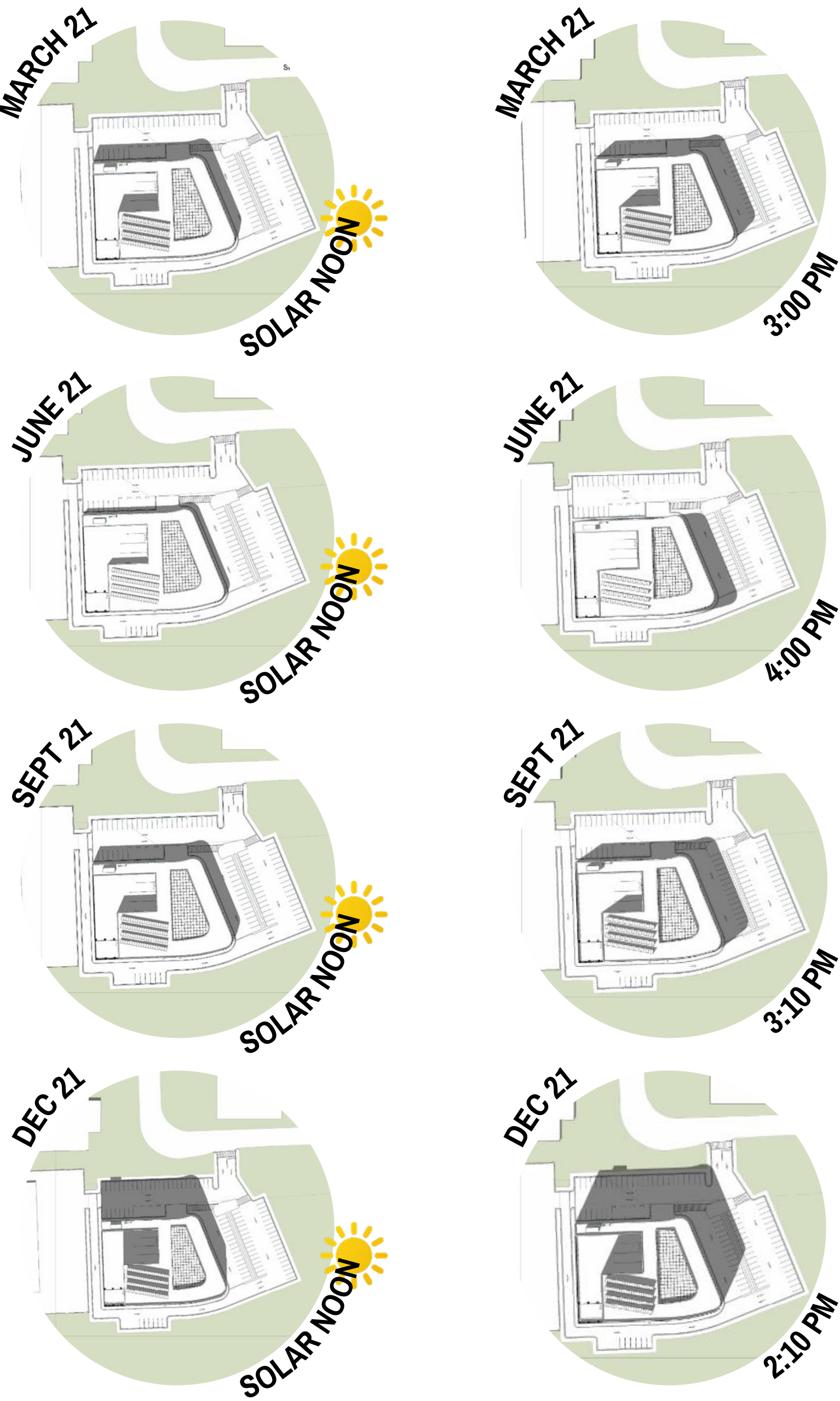
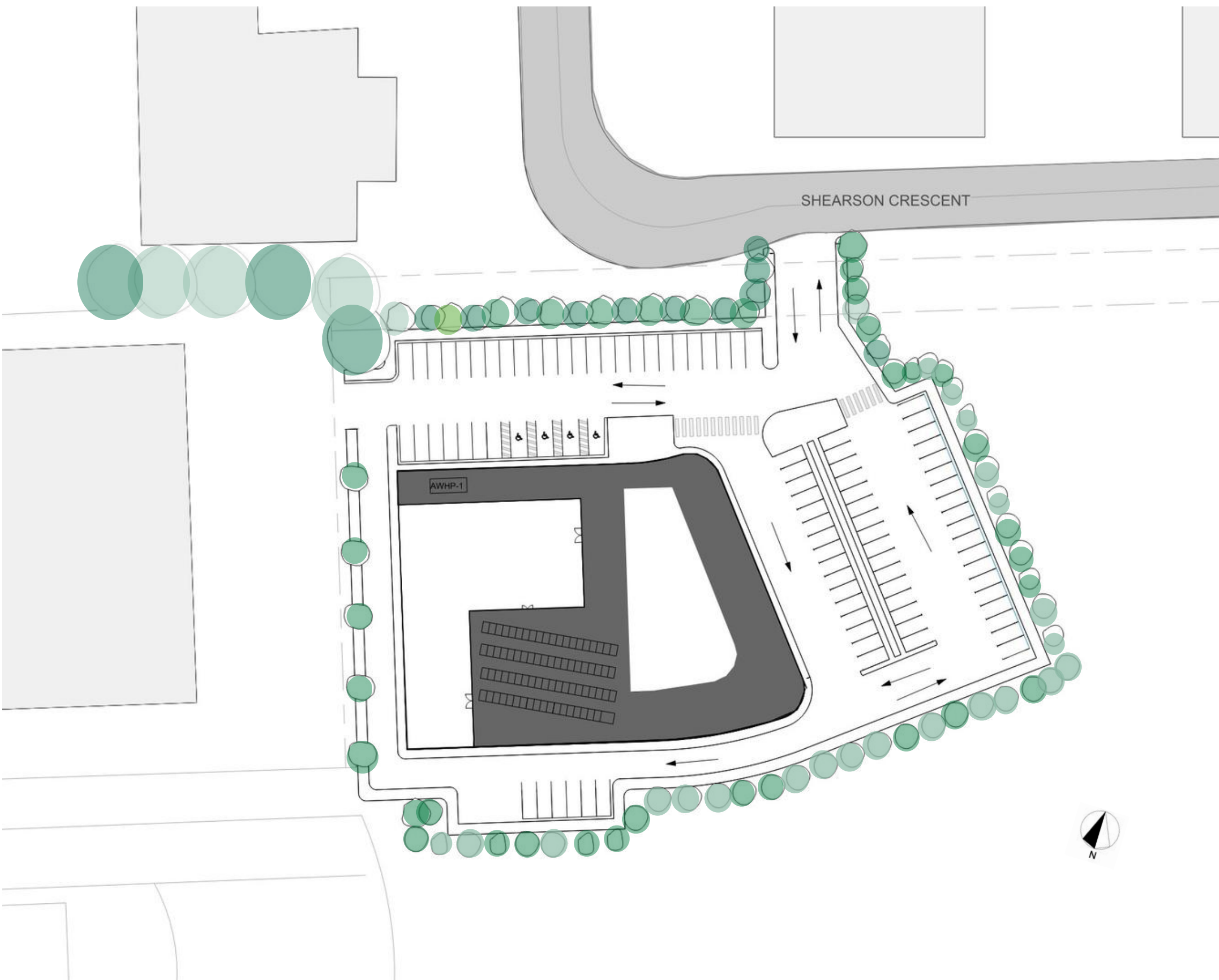
RECREATIONAL FACILITY

ALEXANDRIA RICHARDS 21001657 RODAINA ABOELELA 20996619 SHASHWAT ROYCHOUDHURY 20988692 ZAARA HUSSAIN 21036193



PROJECT NUMBER: AE300-P4-G21-S25
ARCHITECTS OF RECORD: ARSZ CONSULTING
CLIENT: CITY OF CAMBRIDGE
ADDRESS: 7 MELVILLE STREET SOUTH, CAMBRIDGE, ON N1S 2H4
GROSS FLOOR AREA (GFA): 3560 m2

Riverbend Recreational Facility's main entrance is located on Shearson Crescent. The primary parking lot is located on the east side of the building and extends around the community center, providing access to the garbage/loading bay area. Accessible parking spaces, along with additional spots, are available in front of the building. The front entrance parking connects to the existing parking lot of the indoor rink, providing ease of access to members of the community.



NORTH ELEVATION



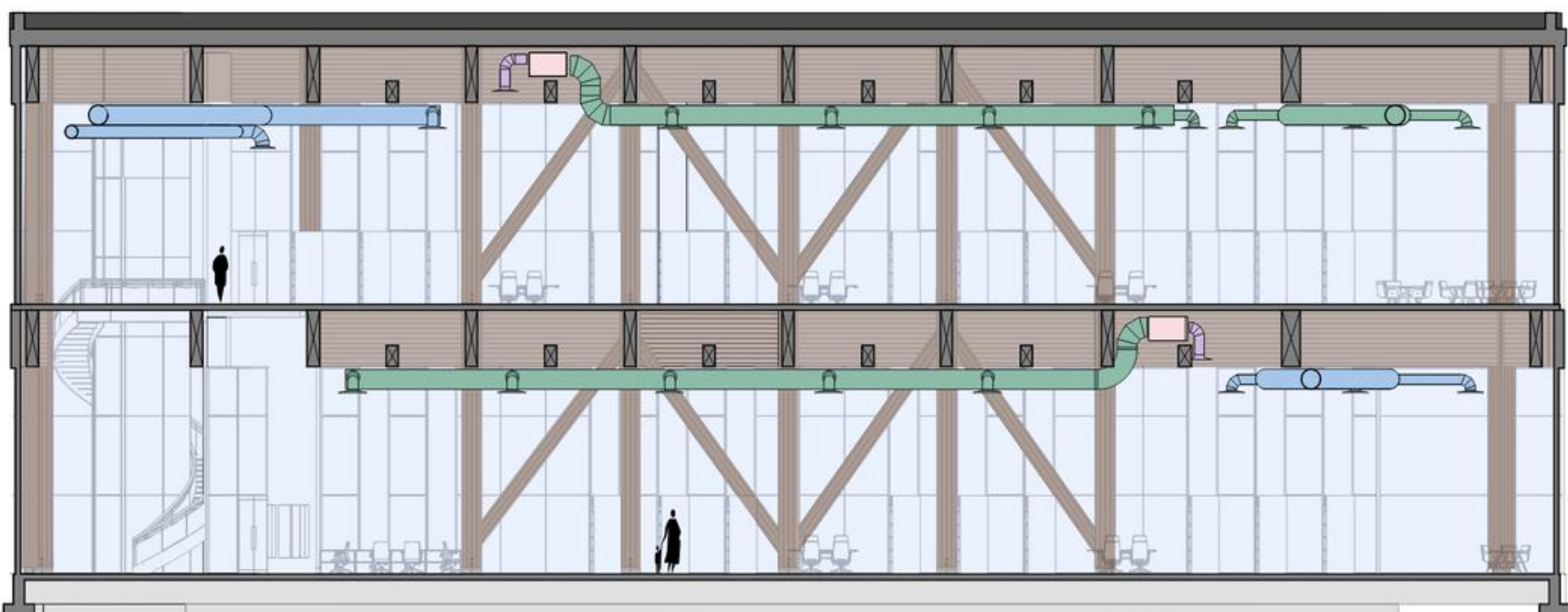
EAST ELEVATION

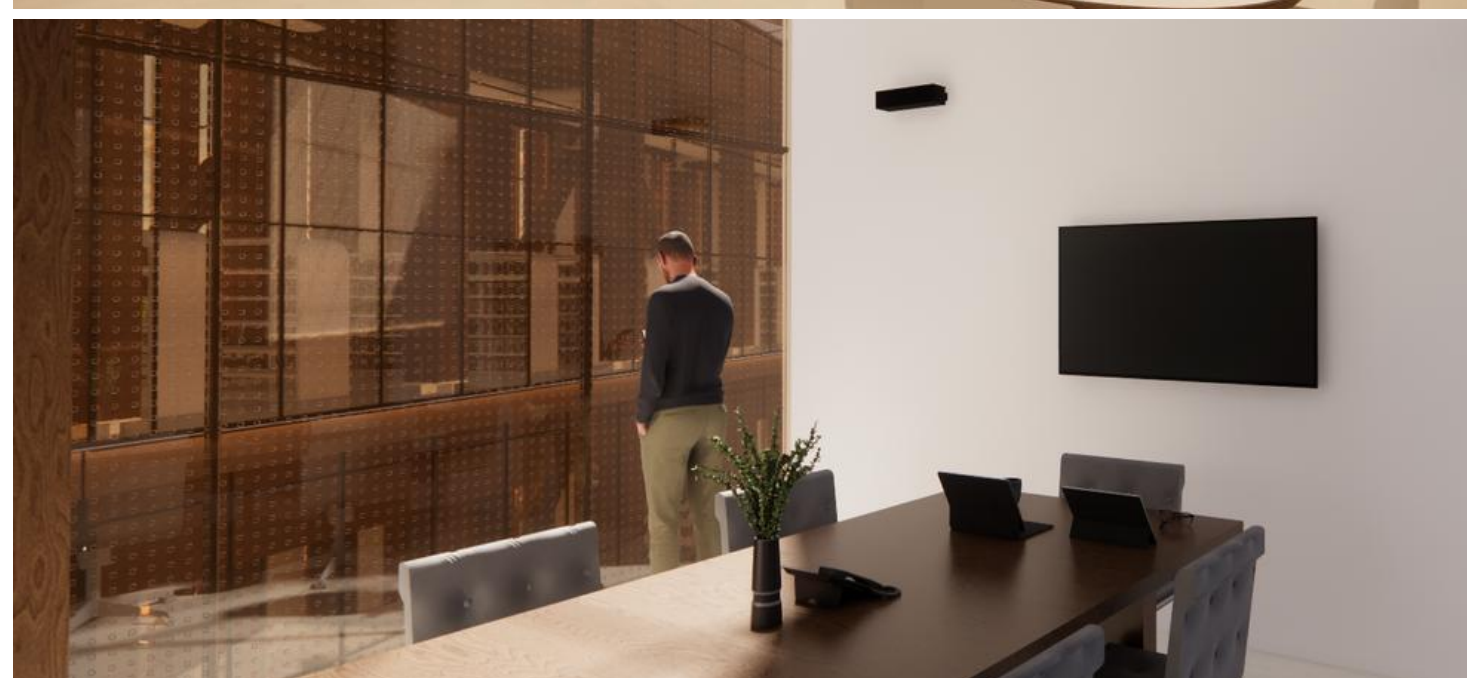
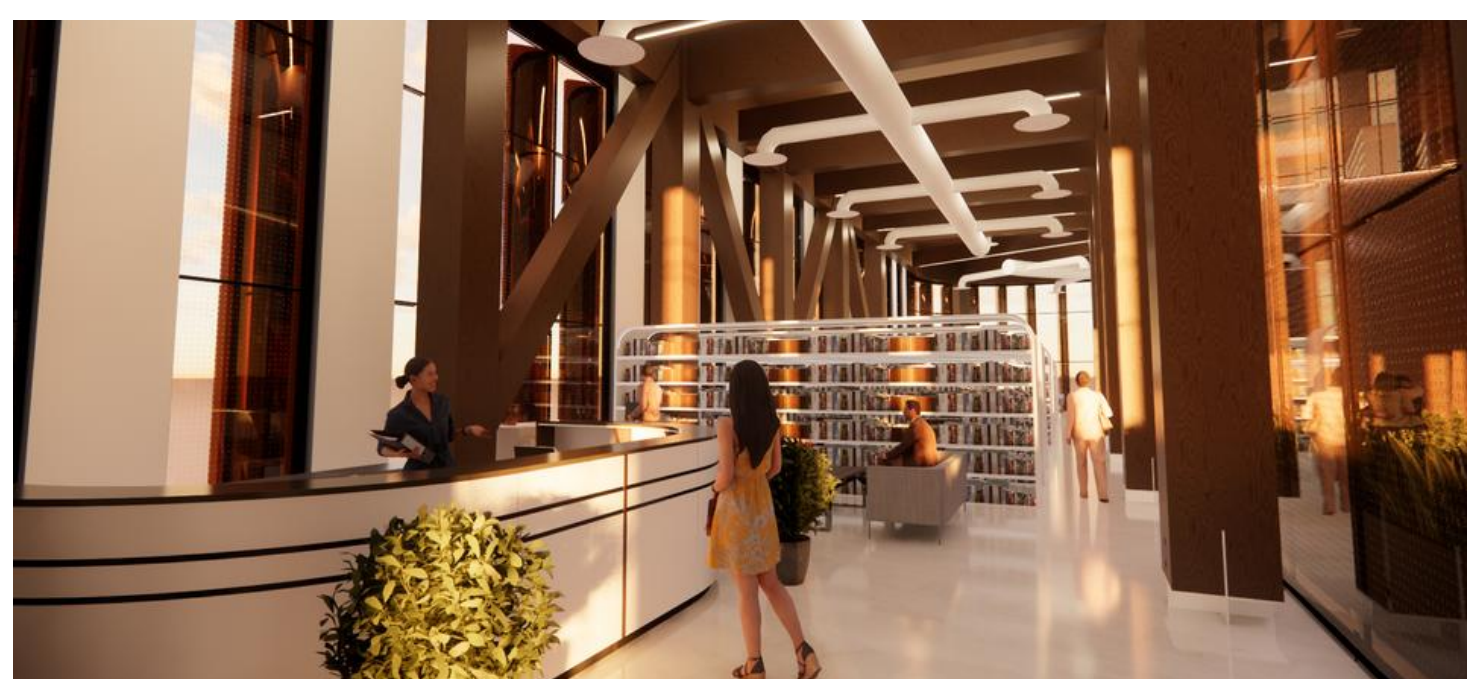
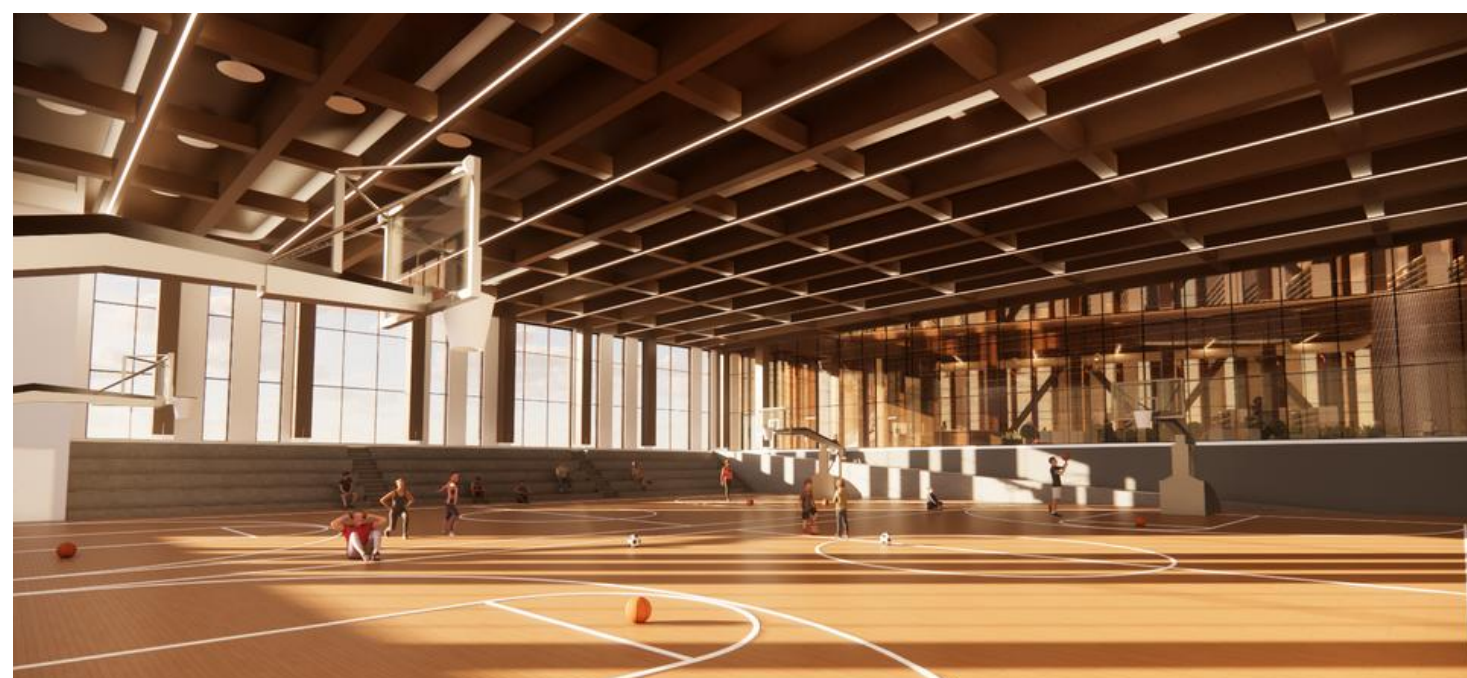
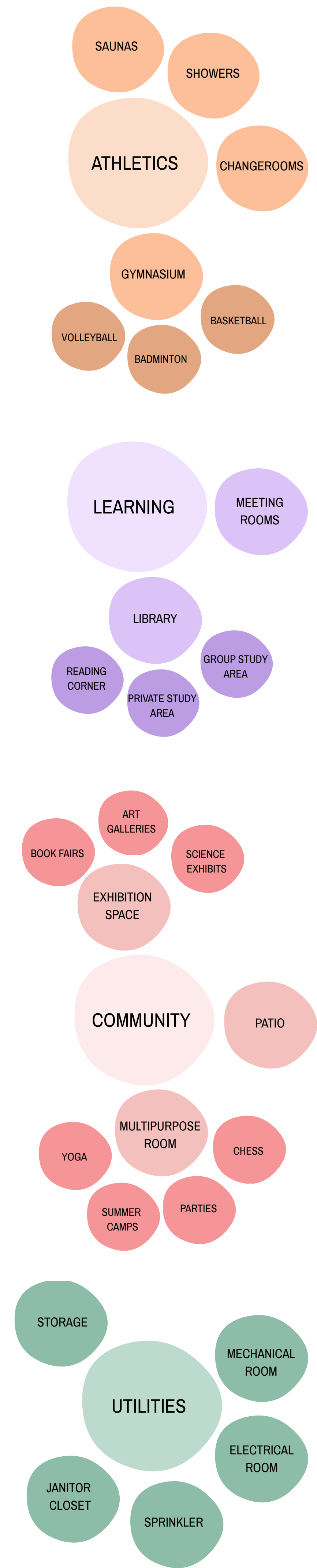


LONGITUDINAL SECTION

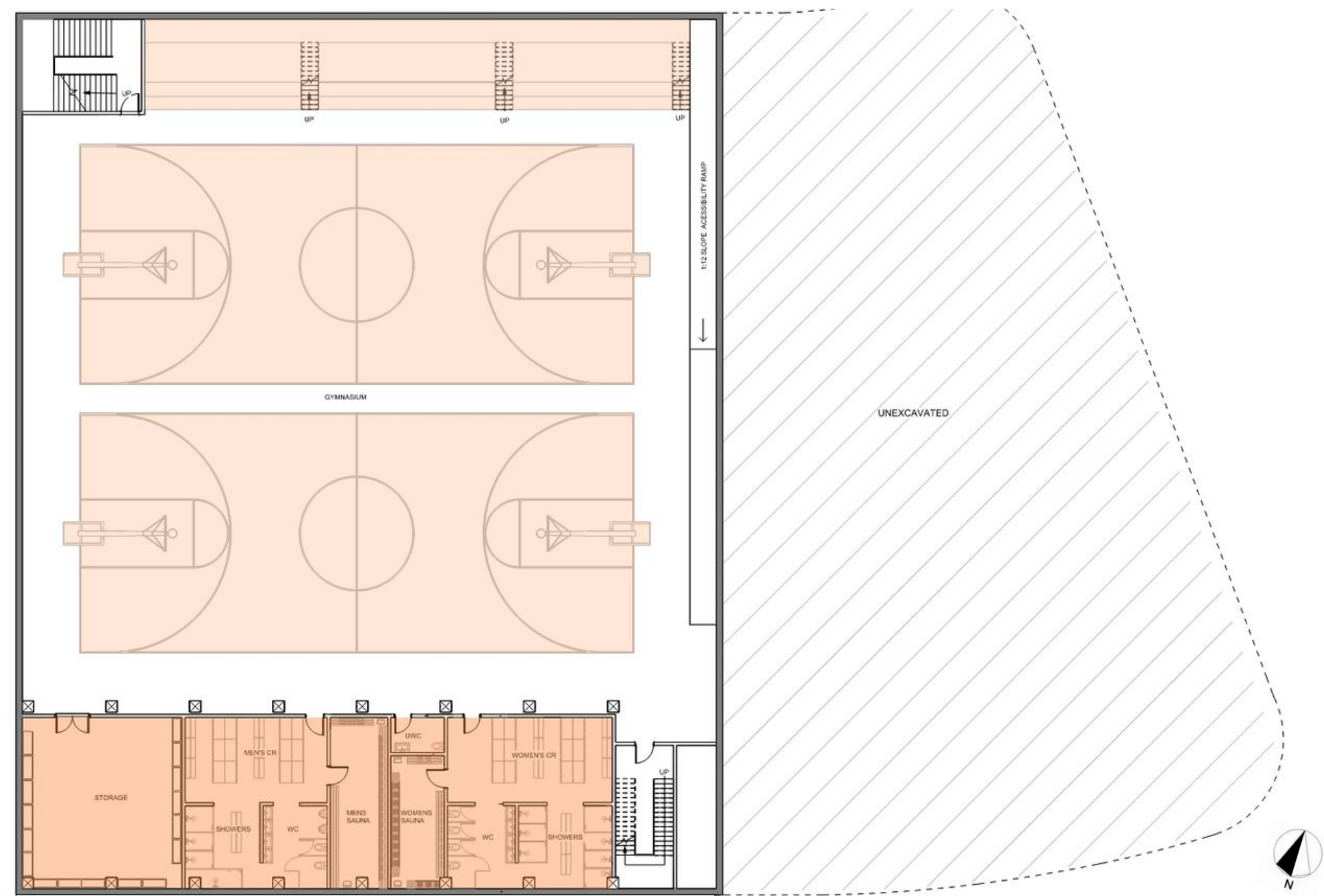


TRANSVERSE SECTION

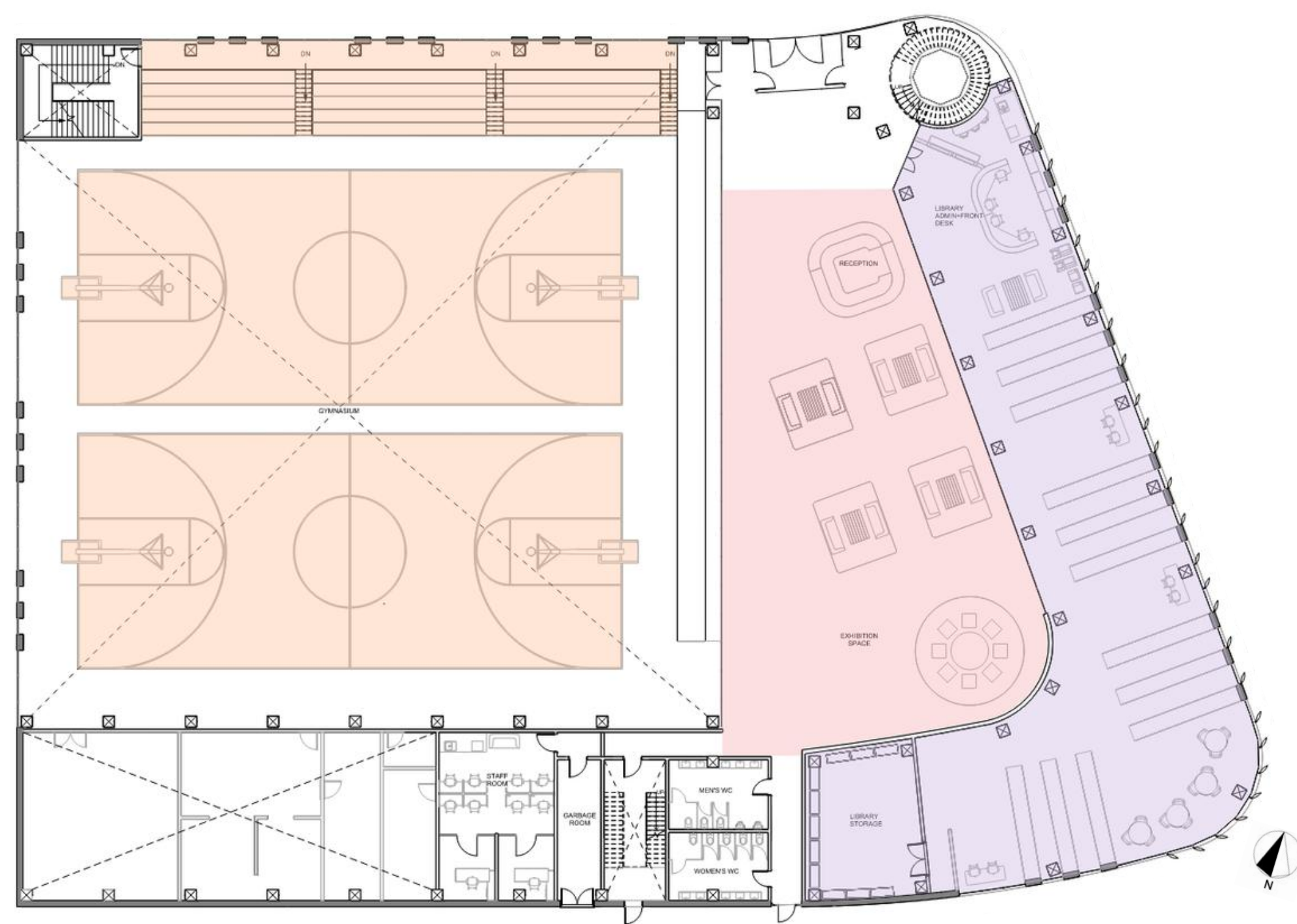




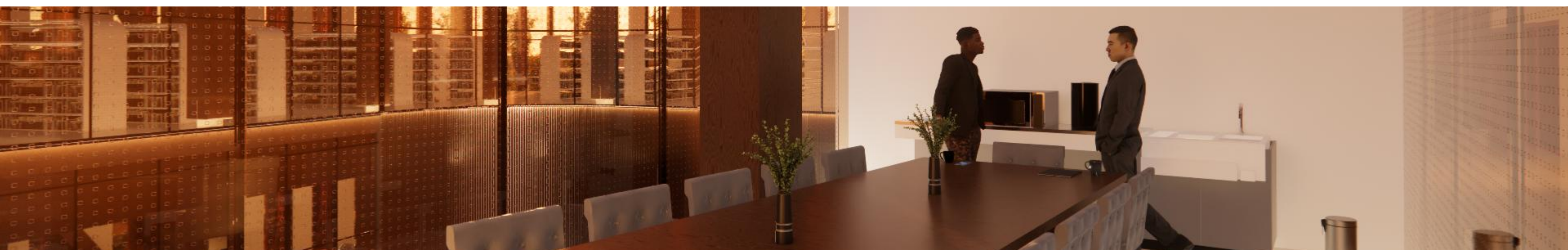
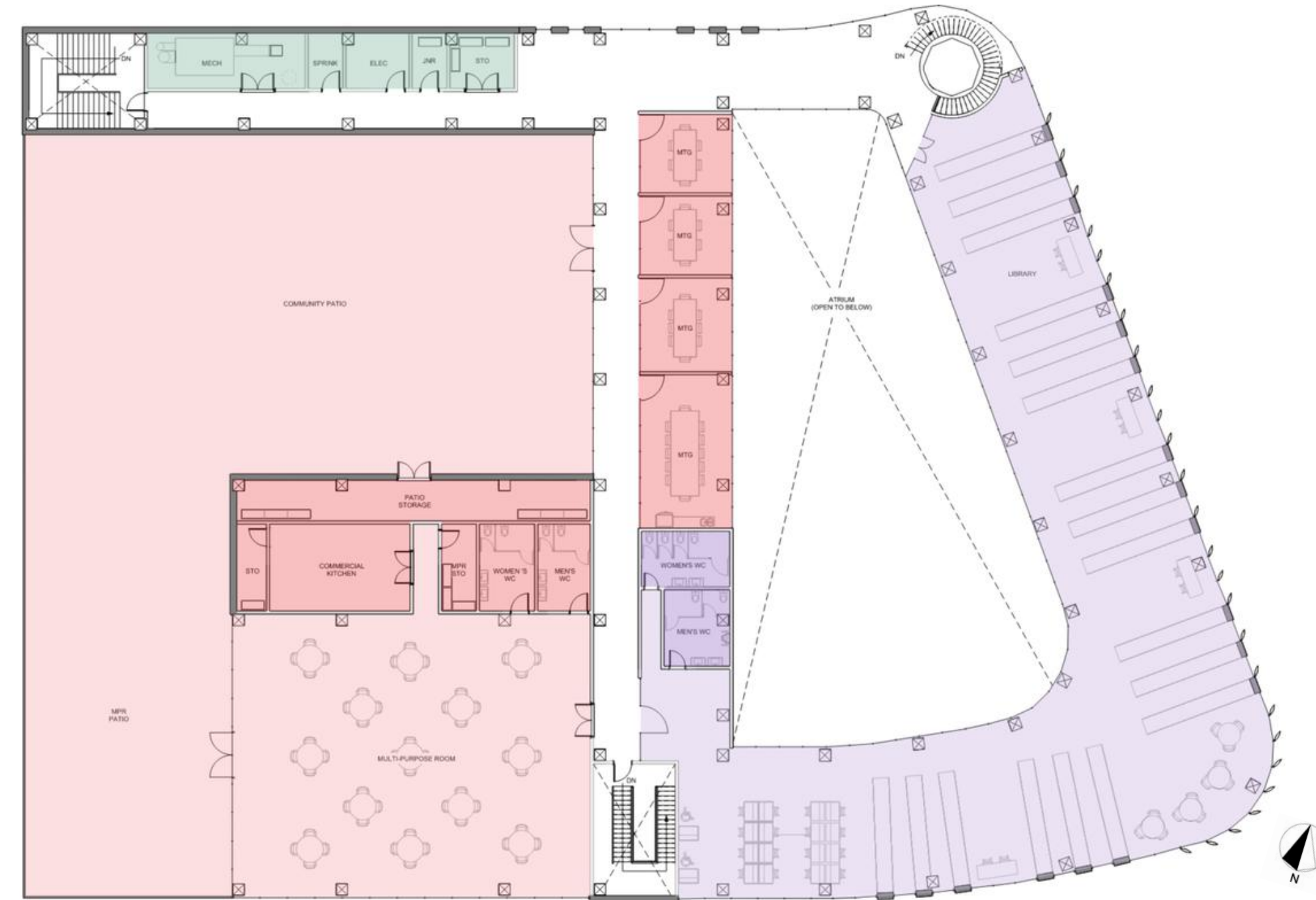
BASEMENT FLOOR PLAN



GROUND FLOOR PLAN

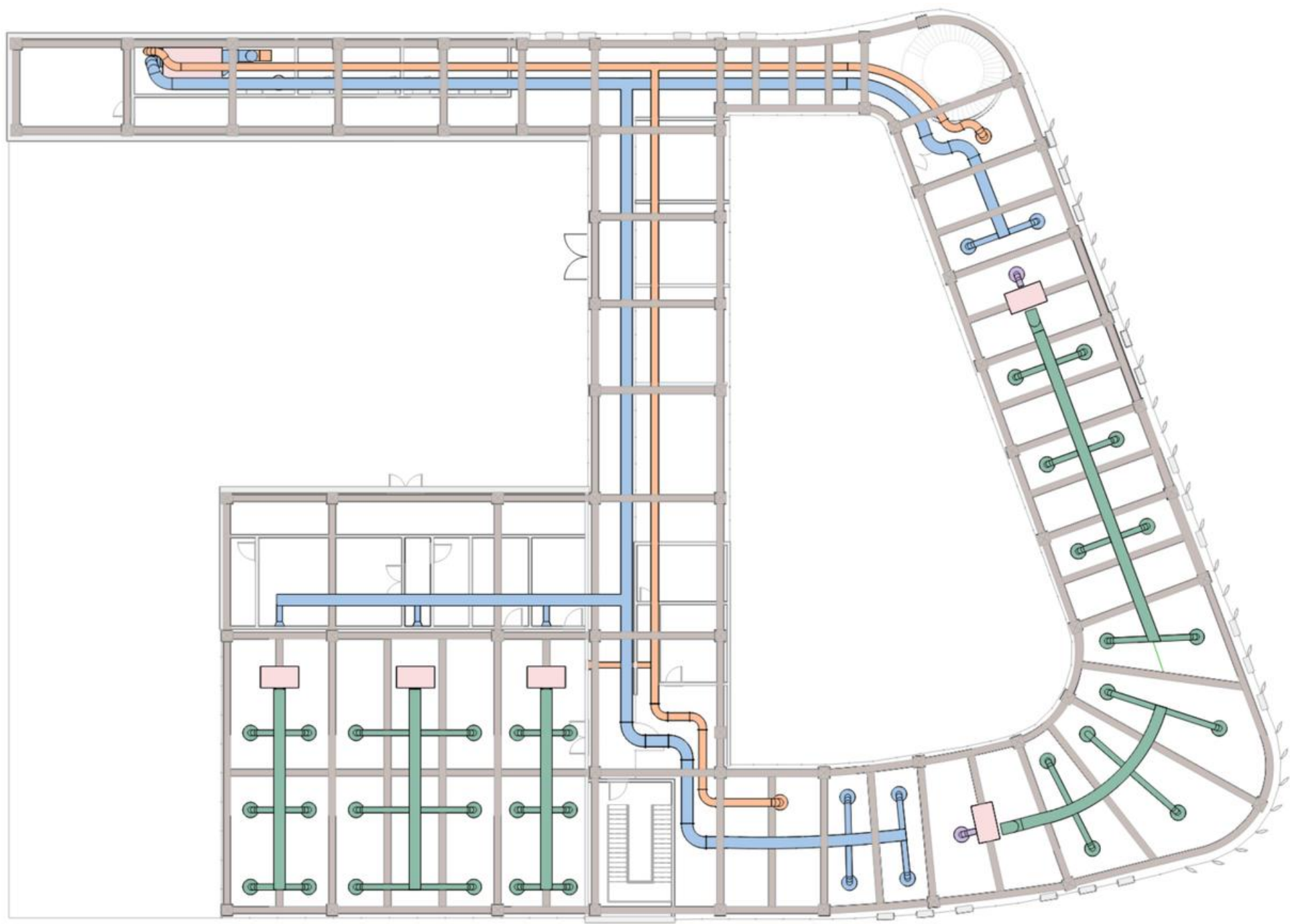


SECOND FLOOR PLAN

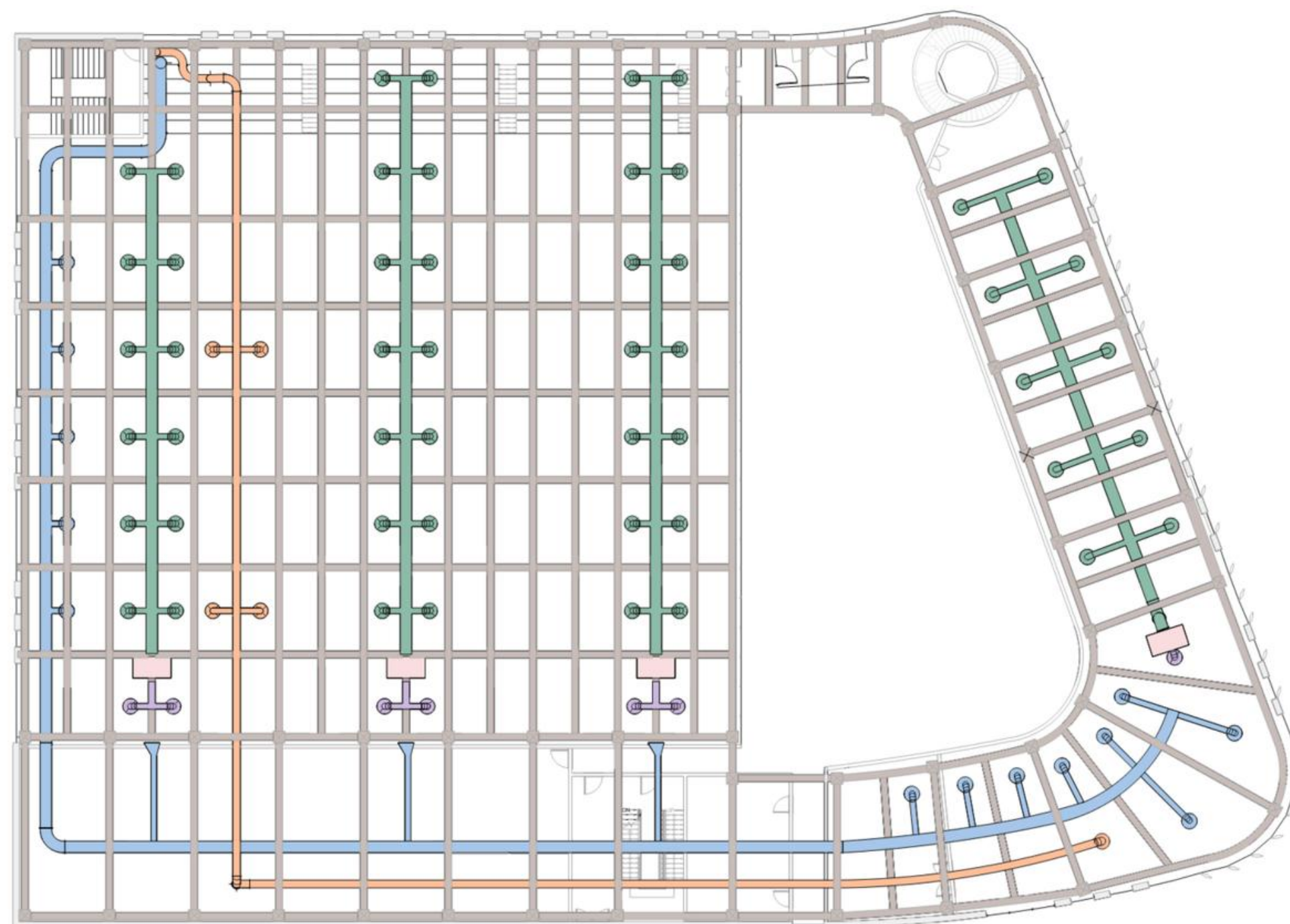




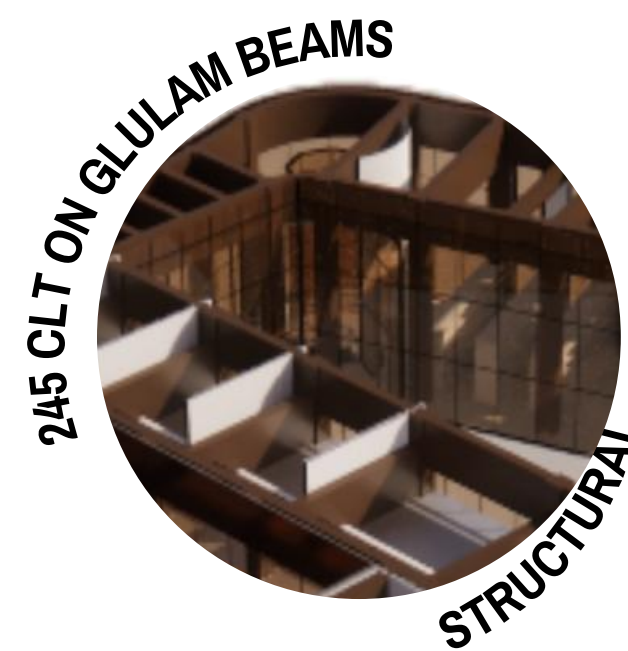
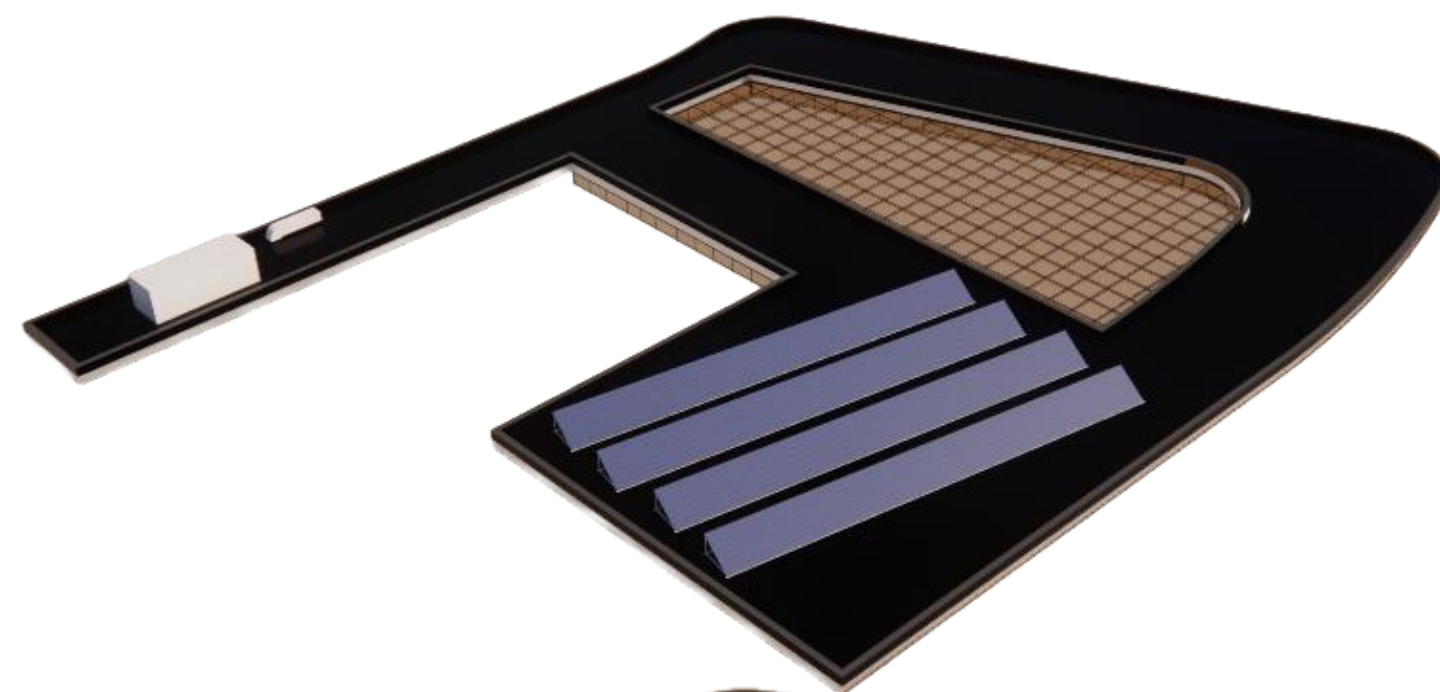
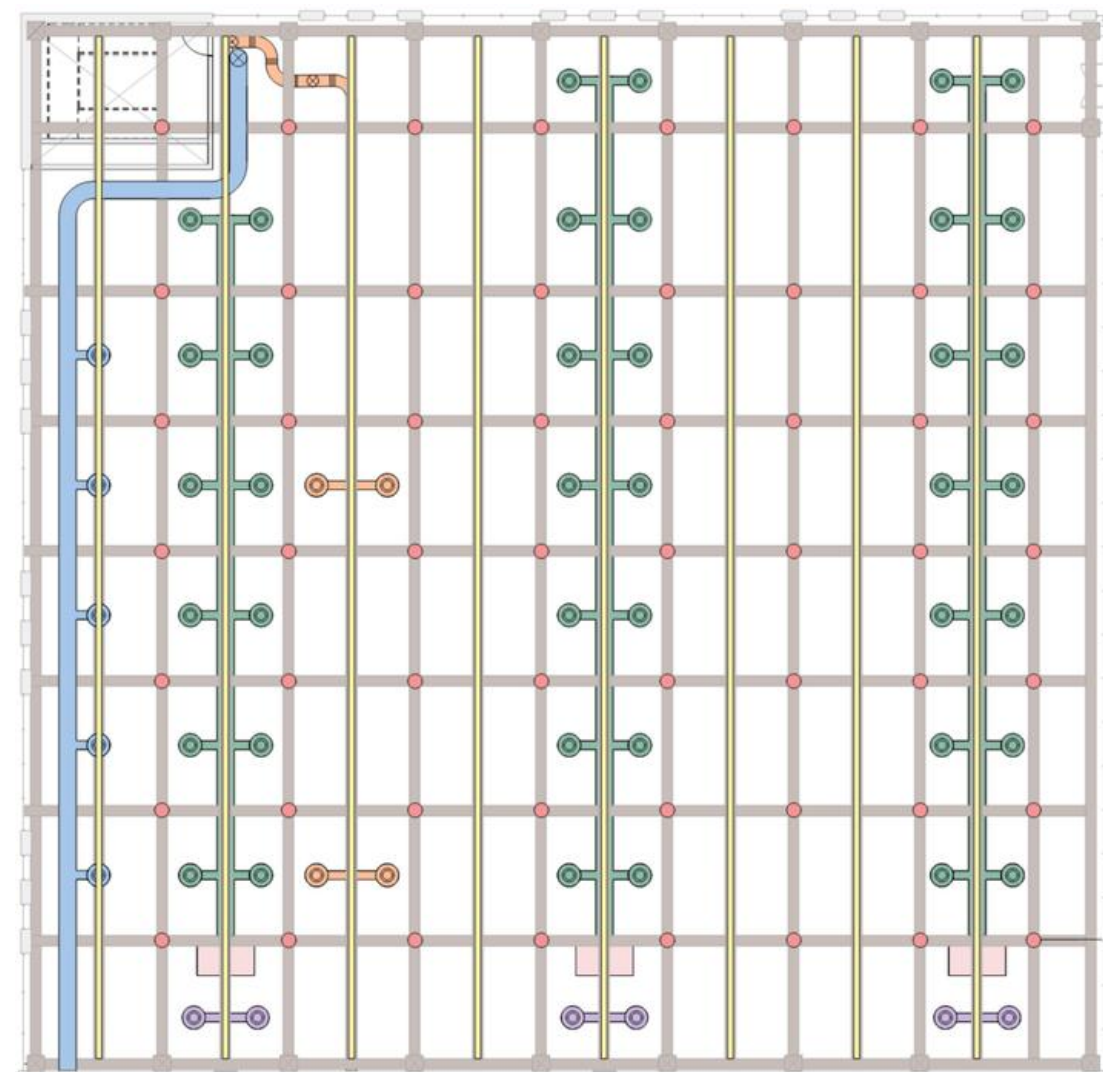
SECOND FLOOR MECH & STRUCTURAL PLAN



GROUND FLOOR MECH & STRUCTURAL PLAN



GYMNASIUM REFLECTED CEILING PLAN

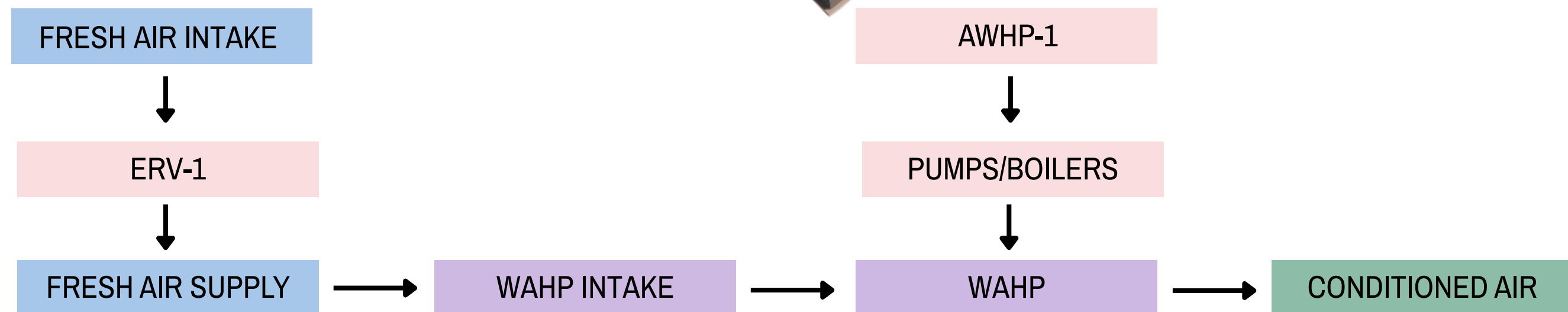


FRESH AIR INTAKE:
600Ø TRUNK
300Ø BRANCHES

RETURN AIR:
400Ø TRUNK

WAHP INTAKE:
300Ø DUCTS

WAHP EXHAUST:
600Ø TRUNK
300Ø BRANCHES



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|------------|------------|----------------------|----------------------|-------------|
| SPRINKLERS | STRUCTURAL | FRESH AIR SUPPLY | RETURN AIR | WAHP INTAKE |
| LIGHTS | | HEATED/COOLED SUPPLY | MECHANICAL EQUIPMENT | |



