

mississauga central library transformation

City of Mississauga Facility Accessibility Design Standards Presentation

September 28, 2020



Mississauga Central Library New Addition Studies
Acknowledgements

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PROJECT INTRODUCTION

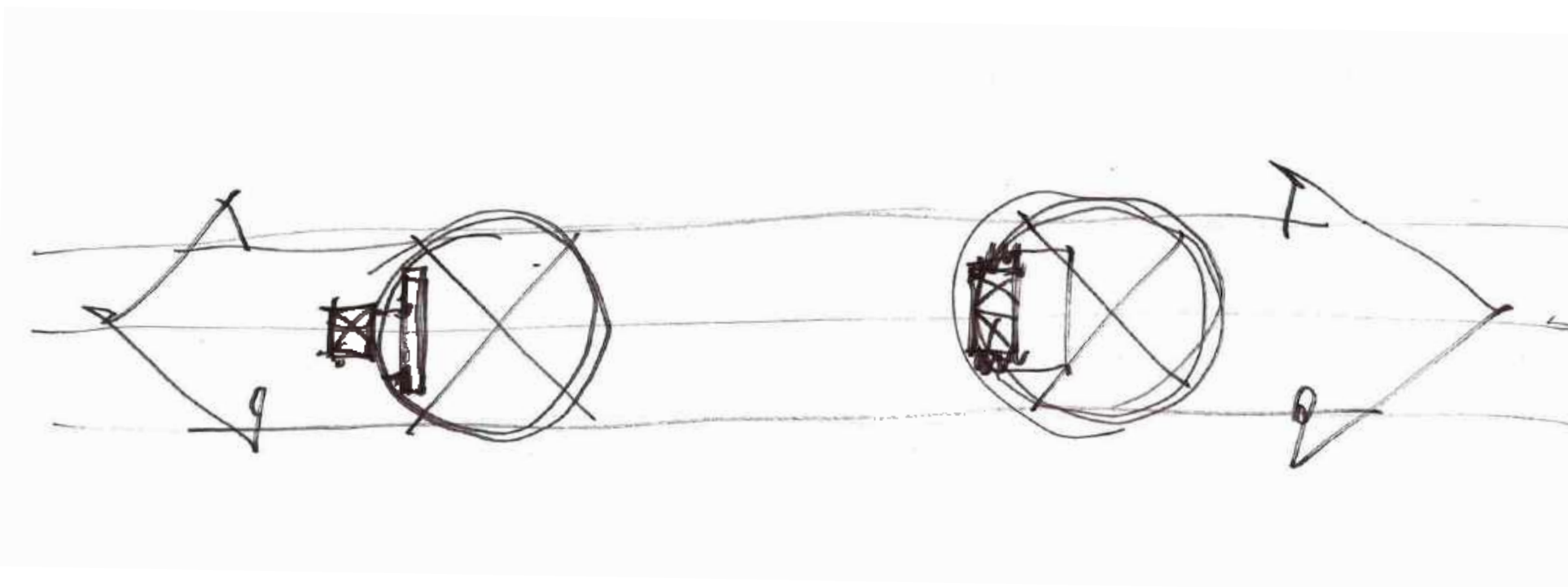
The Mississauga Central Library Renovation and Addition project aspires to transform the existing central library facility located at 301 Burnhamthorpe Road West, in the core downtown area of the City of Mississauga. This central library facility is used not only for library services, but also houses the central administration and logistic support to all 17 branch libraries throughout the City. Other public services include City wide facility and sports program bookings, the Noel Ryan auditorium, (1st floor); the Nexus Youth Centre and bookable public classrooms (2nd floor); the Mississauga Celebration Square administrative staff, and the Mississauga Business Enterprise Centre (MBEC) (4th floor).

The scope of the project is to provide design services for the construction of a new glazed addition at the 4th floor level, the re-shaping and re-cladding of the existing entry pavilion located on the civic square, and a complete interior renovation to all five floors of the existing building with the aspiration of transforming this dated facility into a vibrant and contemporary public library institution. The extent of the work will include: refurbishment and/or replacement of existing mechanical and electrical systems, including new lighting throughout; demolition of numerous interior partitions; relocating departments and program throughout the facility; adding new partition walls and doors throughout; updating all finishes; adding acoustic treatment to various surfaces; addition of new washroom facilities; new millwork items throughout; new furniture throughout; and new library stacks, display and technology at each level.

The new facility will be divided by level with program space for a shared staff work area, loading, MBEC, and a new technology focused digital hub at the lowest level; the existing Noel Ryan auditorium (to be left in current condition), community service counter (to be left in current condition), circulation staff area, popular collections and children's area on the ground level; bookable classrooms, meeting areas, fiction collection, teen collection, and Nexus area (to be left in current condition) on the second level, staff work areas, meeting areas, non-fiction collection, and the Canadian Collection on the third level; and finally, flexible areas for open quiet study on the fourth level.

This document represents the 100% Design Development Submission for the purposes of communicating the design intent of the project and to be estimated by our Construction Manager to verify that the project is on budget and can proceed to the next phase of Contract Document preparation.

The design package contains the following: a project description; abbreviated Architectural Outline Specifications; and Design Briefs from our Structural, Mechanical, and Electrical engineers. Further to this text document, we have issued a set of full size drawings from each discipline.



Functional Program Synopsis

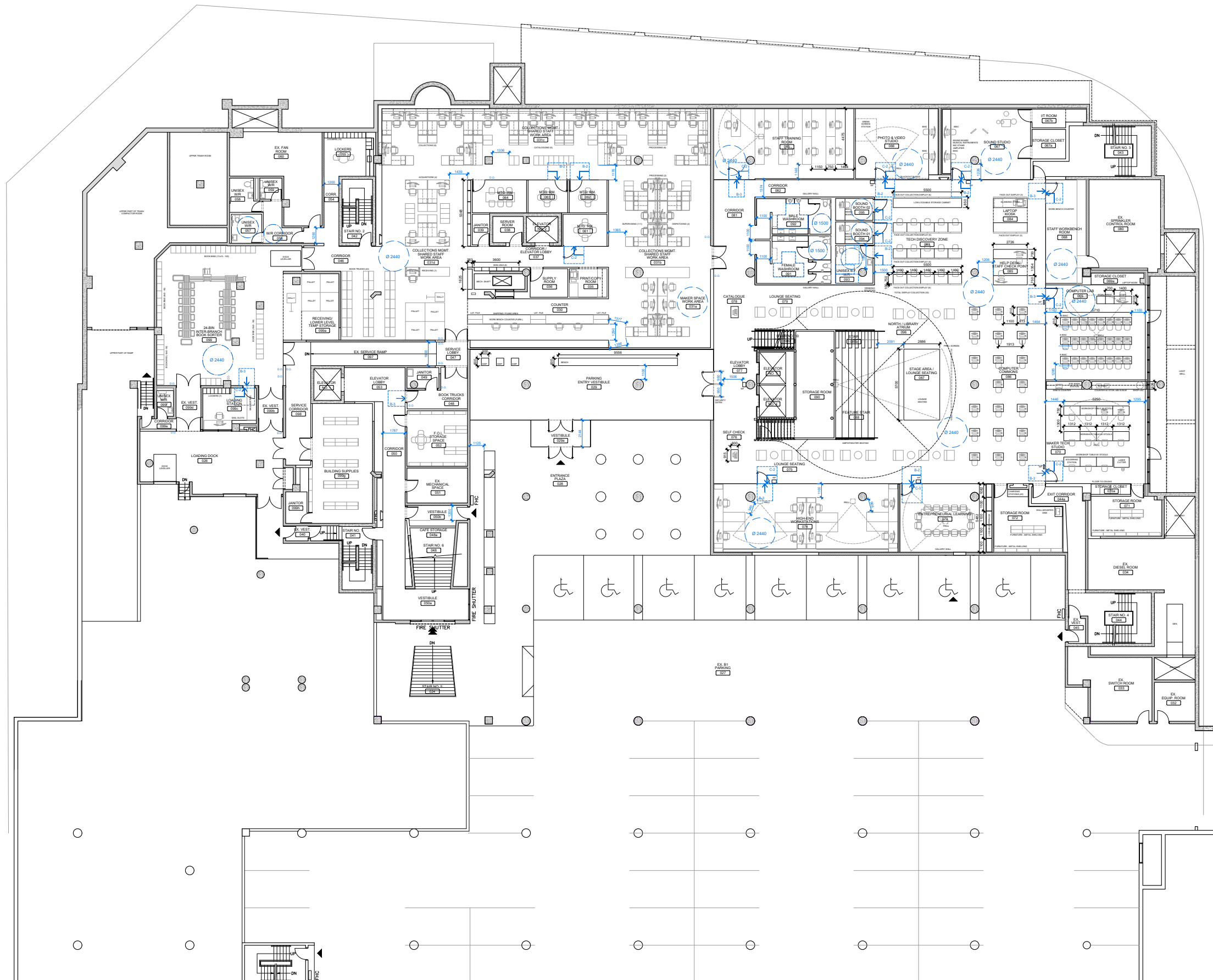
Facility Gross Floor Area	16,526 sq. m. (177,884.4 sq.ft.)	Children's Area	Staff Workroom Children's Program Room Children's Information Service Check Point Computer Area Children's Innovation Area Collection Storage Family Washrooms Play Area Lactation / Nursing Space Stroller Parking
Materials Handling & Collections Area	Processing Area Supplies/Staff Room Unpacking Room Holding Room Sorting Room - Possible 39 Bin Book Sorter Collection Management Material Handling Shared Staff Workspace		
Makerspace	Help Desk Sound Booth #1 Sound Booth #2 Sound Studio Photo & Video Studio Maker Tech Studio Computer Lab / Classroom Multi-Purpose Room Technology & Discovery Zone Printing & Scanning Zone Staff Office Entrepreneurship Learning Room Equipment Storage & Staging Room High-End Computer Area Elevated Platform / Stage Common Areas Kitchenette & Washroom Exhibition	Popular Collections: Fiction, Study & Display	Book stacks Computer Stations DVD Collection Computer Catalogue Display of Recent Material Quiet Study Rooms Table Seating Lounge Soft Seating
		Popular Collections: Fiction & Study	Book stacks Computer Stations Computer Catalogue Quiet Study Rooms Table Seating Lounge Soft Seating Shared Program Space Staff Check Point Staff Workroom
MBEC: Mississauga Business Enterprise Ctr.	Reception / Front Office Shared Meeting / Business Consultation Room Staff Work Space Kitchenette & Washrooms	Youth Services (Teen) Collection	Book stacks Computer Stations Computer Catalogue Group Study Table Seating Lounge Soft Seating Video Gaming & Virtual Reality
Customer Experience	Staff Work Area & Stations Staff Meeting Space Storage Safe Room		

Information Services: Non-Fiction	Staff Work Area Meeting / Quiet Study Room Program Room Lunch Room Area / Kitchenette Non-Fiction Collection Comfort Zone Newcomer Area Computer Stations Computer Catalogue Table Seating Staff Check Point	CUPE Office	Small union office space
		Library Boardroom	Bookable Boardroom For Staff - possible relocation
		Bookable Event Space	Possible 4th Floor Event Space with Cafe Bar
		Rooftop Terraces	4th Floor Exterior Terraces for Library Event Space, planted areas, and civic square viewing
		South Entry Atrium	Renovated Entry Atrium
		North Library Atrium	Renovated Library Atrium
Local History (Canadiana Room)	Reception Viewing Area Canadiana Collection Digitization Zone	West Entry Vestibule	Renovations to west entry vestibule
		Friends of the Library	FOL display and Storage Areas
		Meditation / Prayer Room	Prayer room for use by staff and the public
Quiet Study Area	Open Quiet Study Small Enclosed Rooms Medium Enclosed Rooms Large Enclosed Rooms	Health & Safety Room	Staff-only health and safety space
		Washrooms	General Provision Floor to Floor
		Mechanical Rooms	General Provision Floor to Floor
Makerspace Kitchen	Kitchen Equipment & Bar General Seating Kitchen Storage Area Kitchen Terrace Planter	Electrical/IT Rooms	General Provision Floor to Floor
		New Retail Component	New Retail Component to be located in former location of City Customer Service Area
Nexus Youth Centre	Social Recreation Space Computer Area Job/Housing Board Program Area Staff Workstations Staff Offices Kitchenette Storage	Parking Entry	000 Level Expanded Parking Entry
		Celebration Square Green Room	Not a dedicated space - will designate appropriate meeting / program rooms as needed. Consider storage space in lower level.
		Open Window Hub	Offices and Flexible Meeting Spaces
		Glass Pavilion	Re-imaging of pavilion to display technology and to be part of pedestrian entry sequence
Staff Work Area	Open Staff Work Stations Staff Meeting Room Storage	Breezeway / Entry	Re-imagining of existing glazed link between building and pavilion
Staff Lounge	Centralized staff lounge area for lunches and breaks	Library Interview Room	Library interview room with possible waiting area
Noel Ryan Auditorium	Auditorium to be renovated and re-imagined	Sky Level Reading Atrium	New Library Reading Atrium located on the 400 Level cantilever
		Staff Service Point	Staff Check Point on the 4th floor
		Staff Training Lab	Training for staff

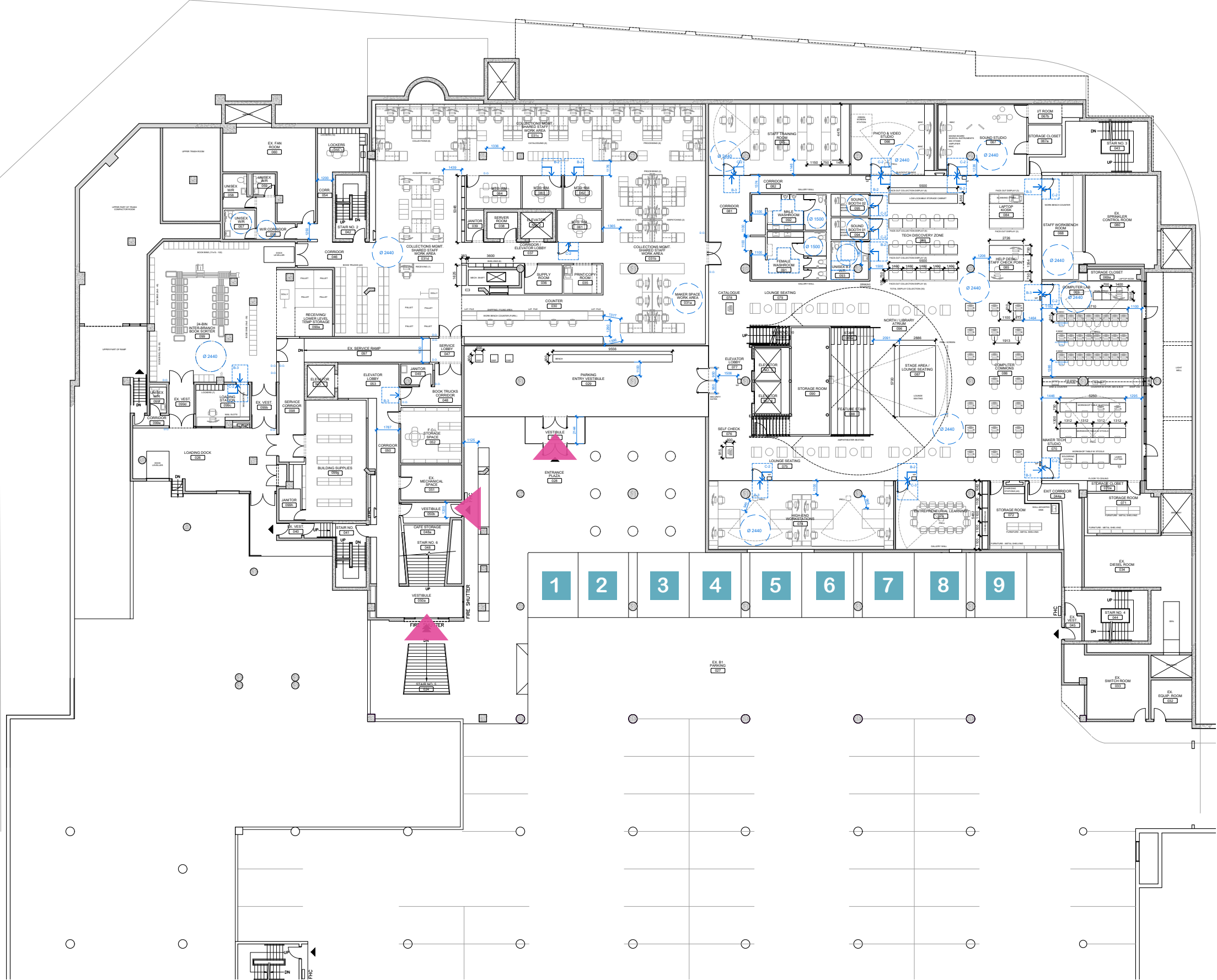


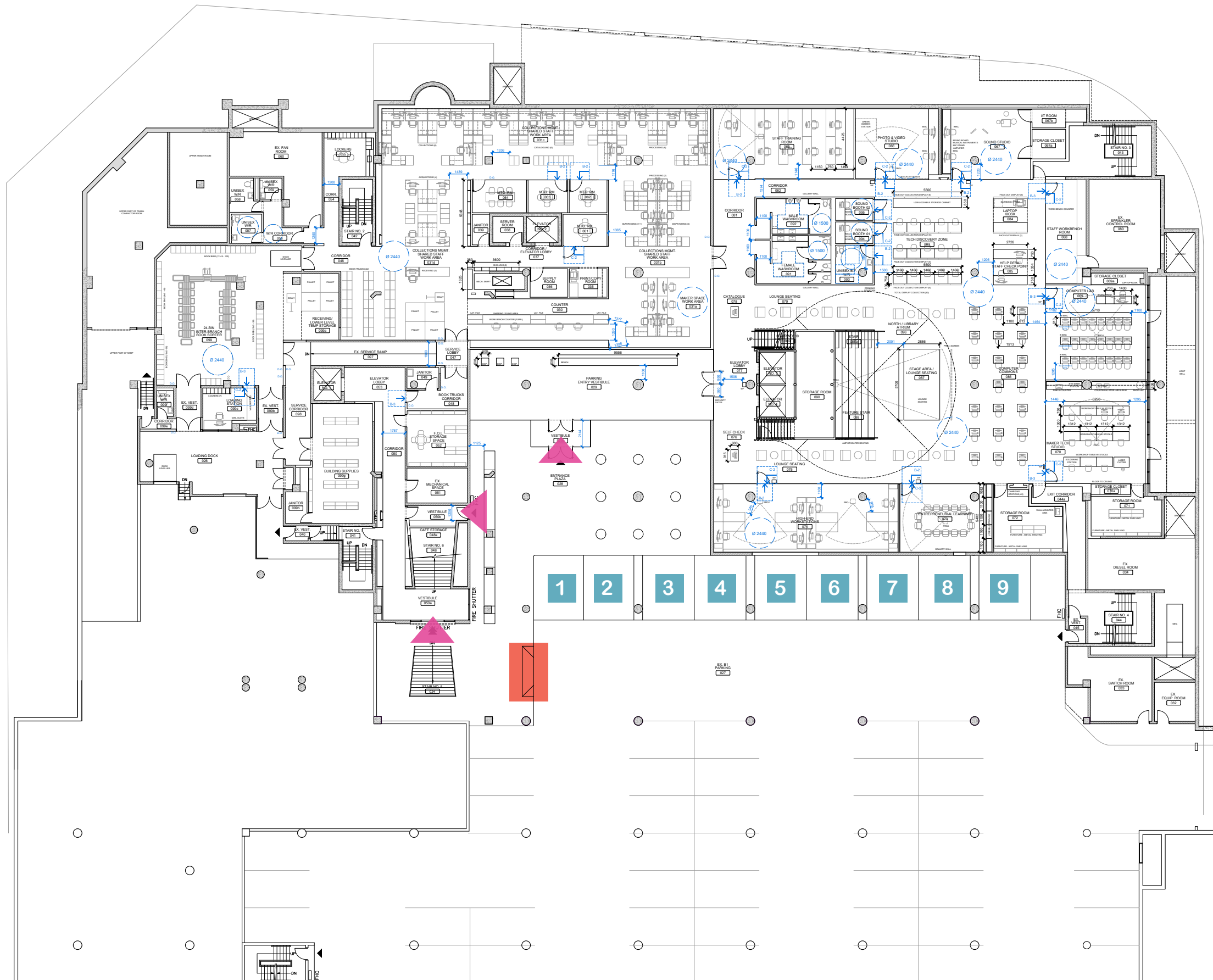
architectural plans | accessibility









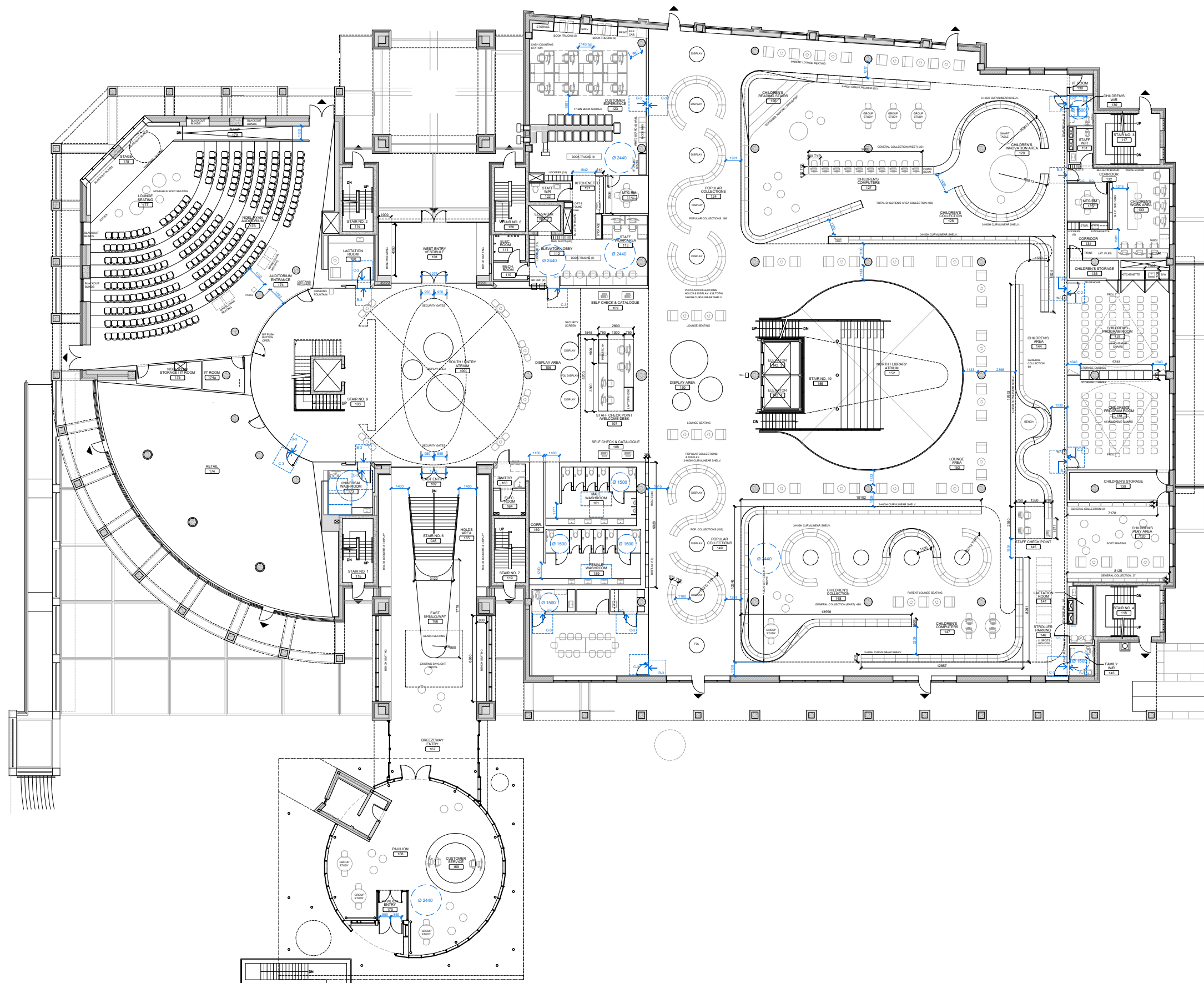


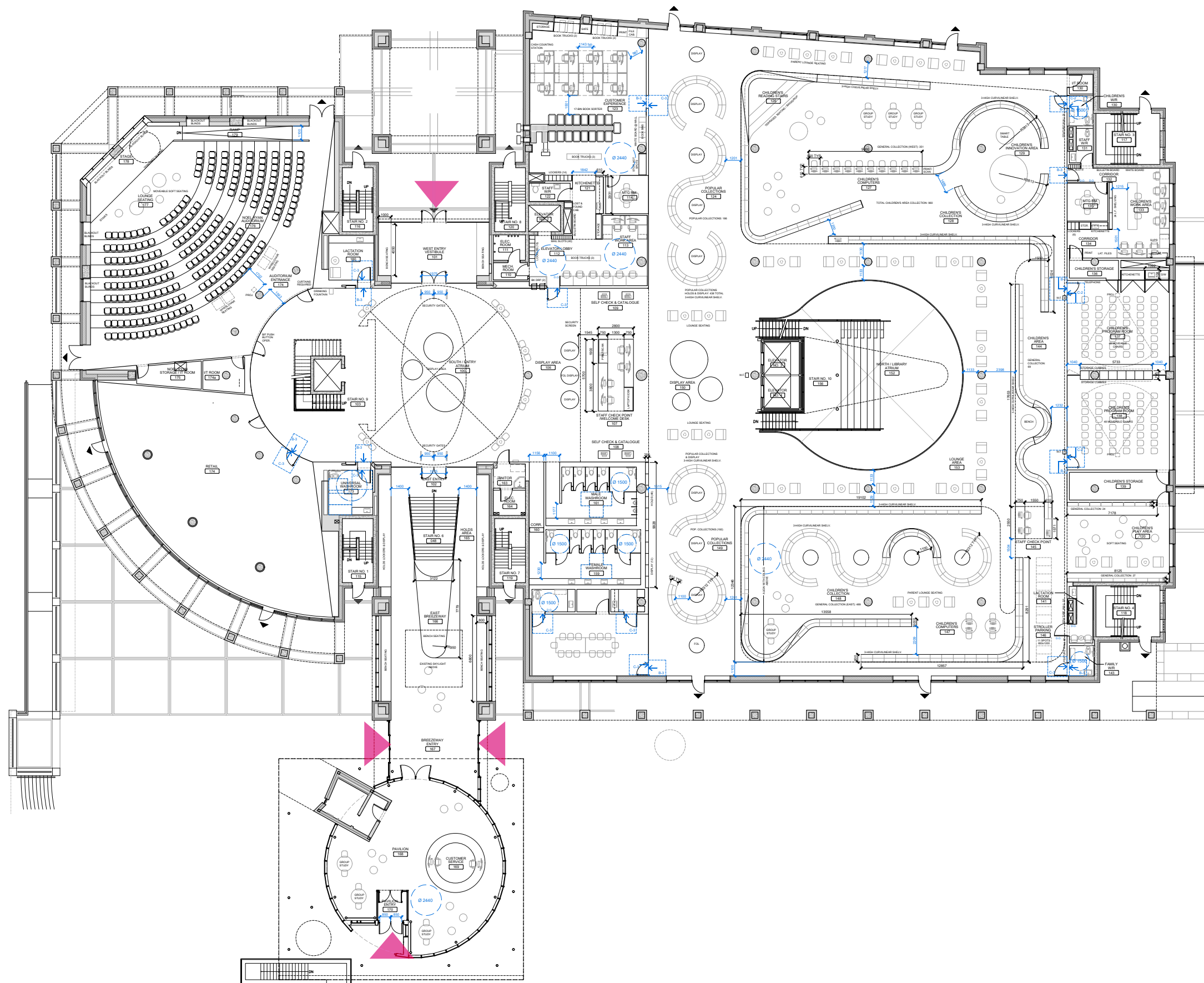


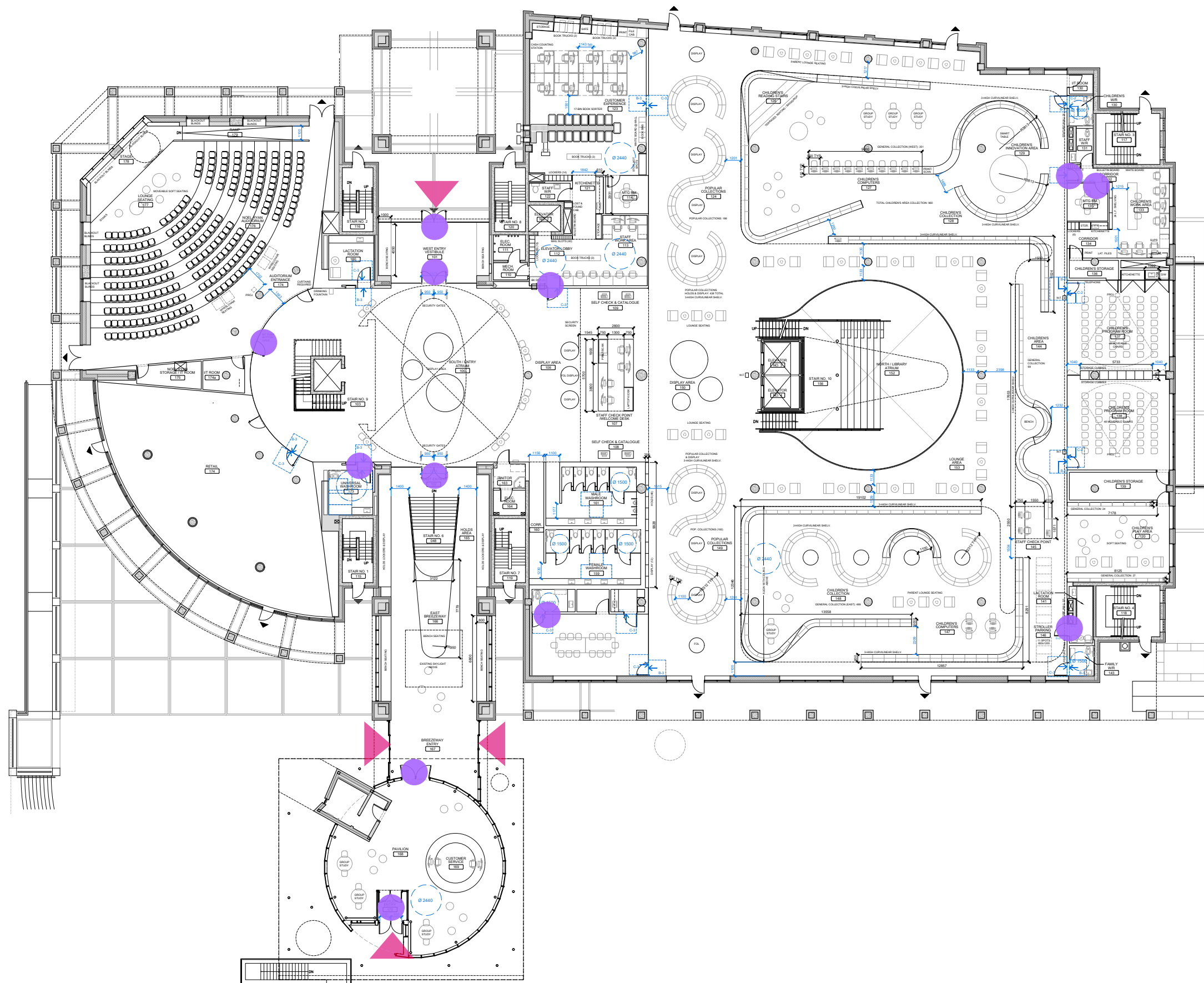


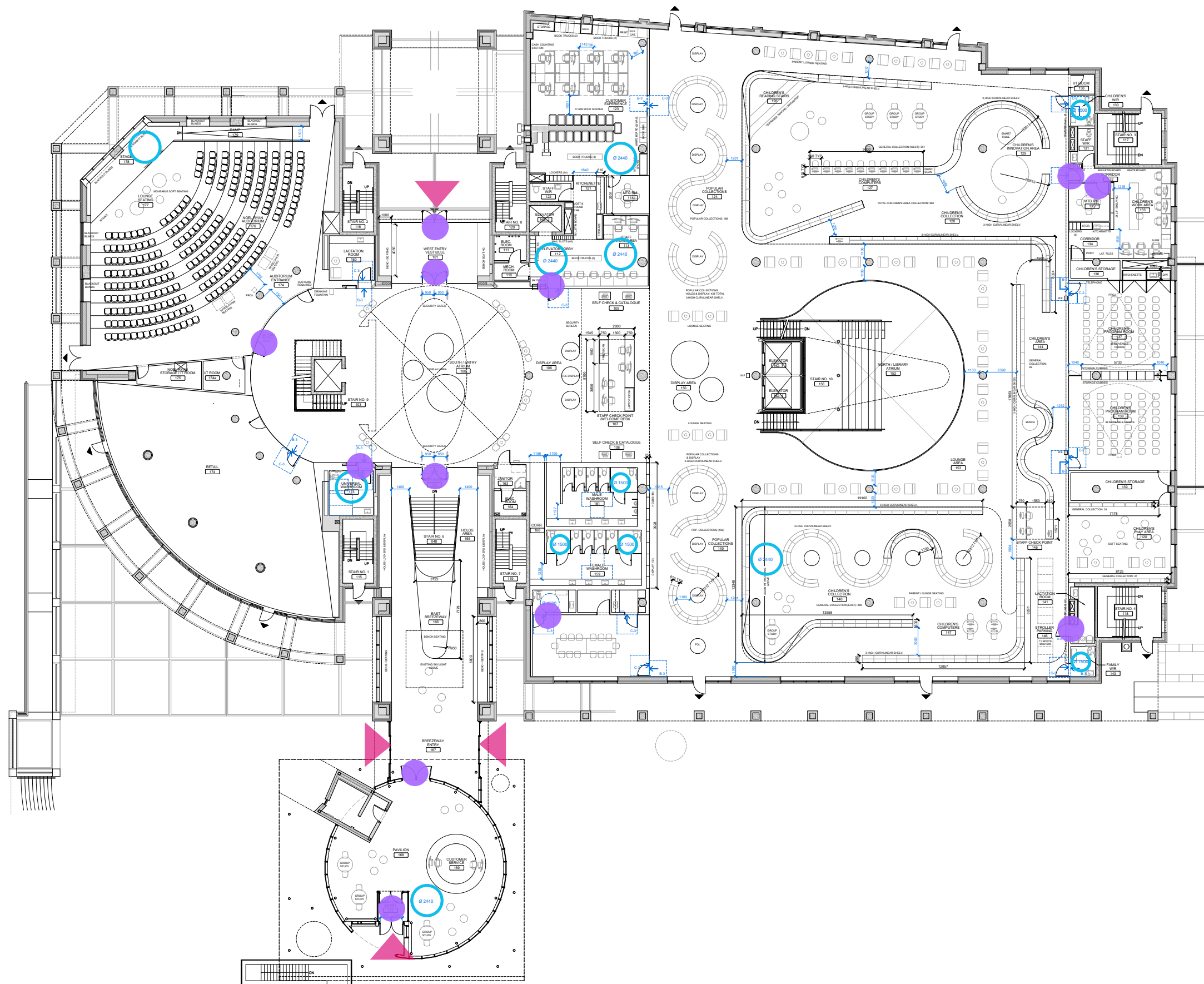


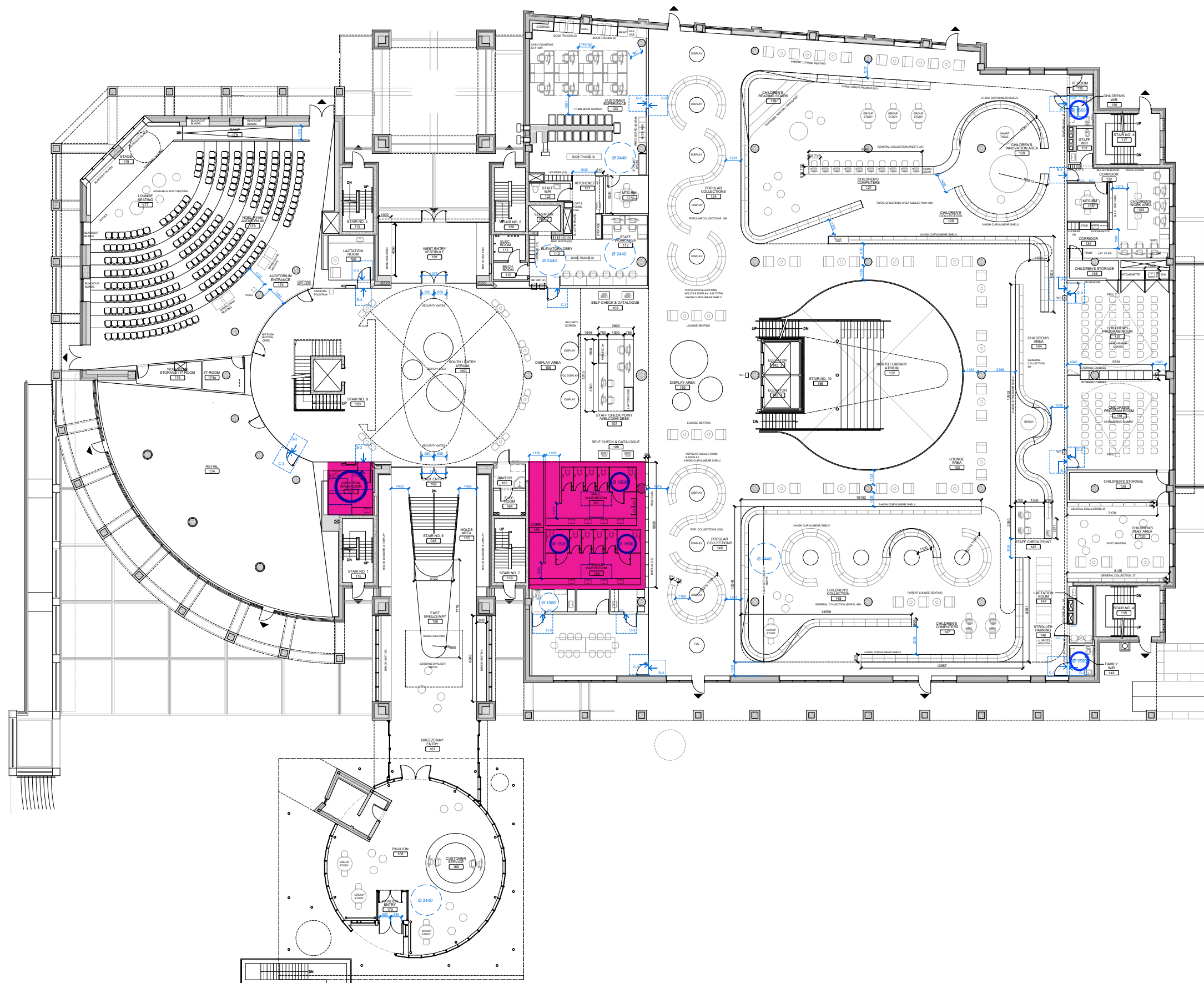


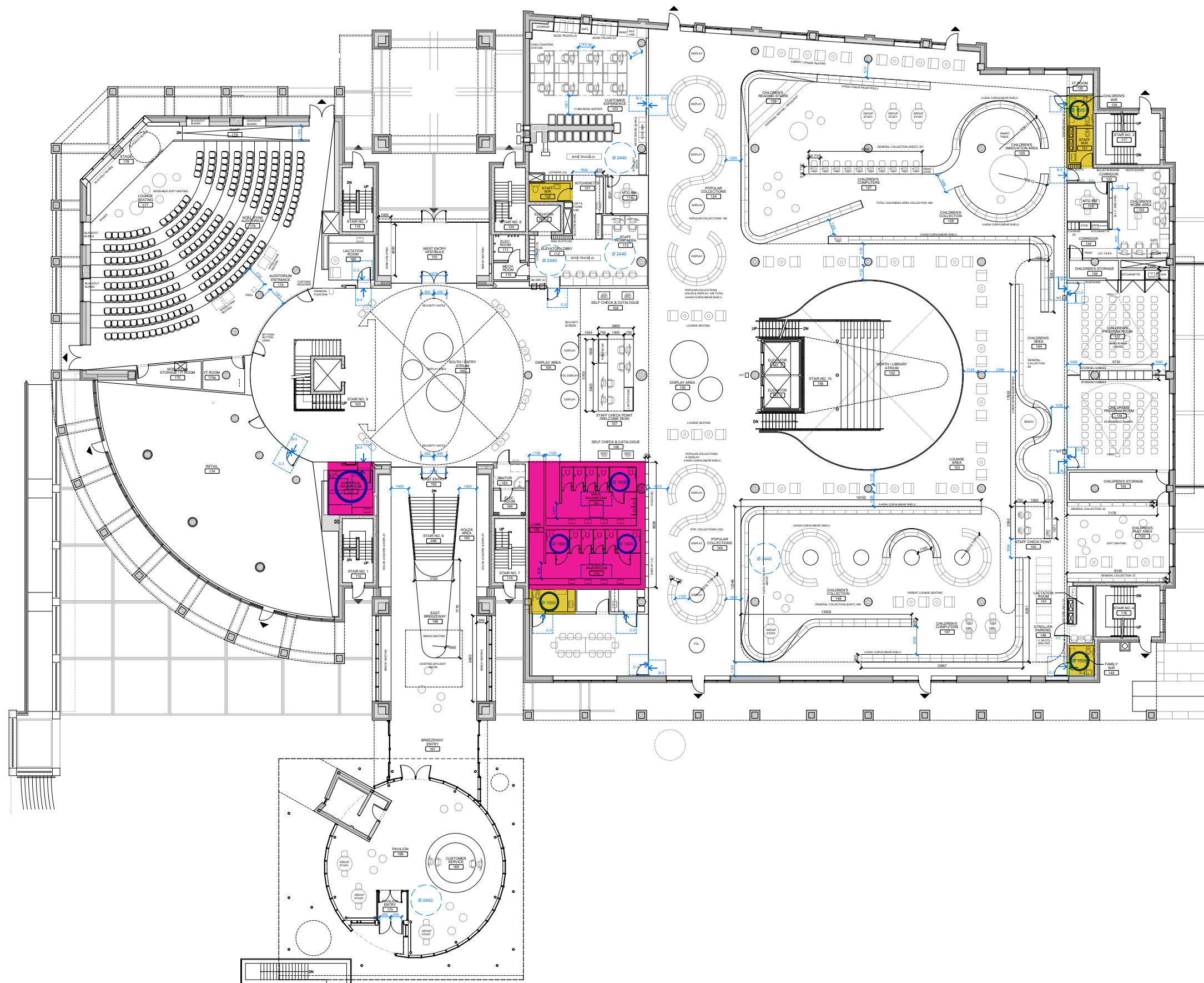


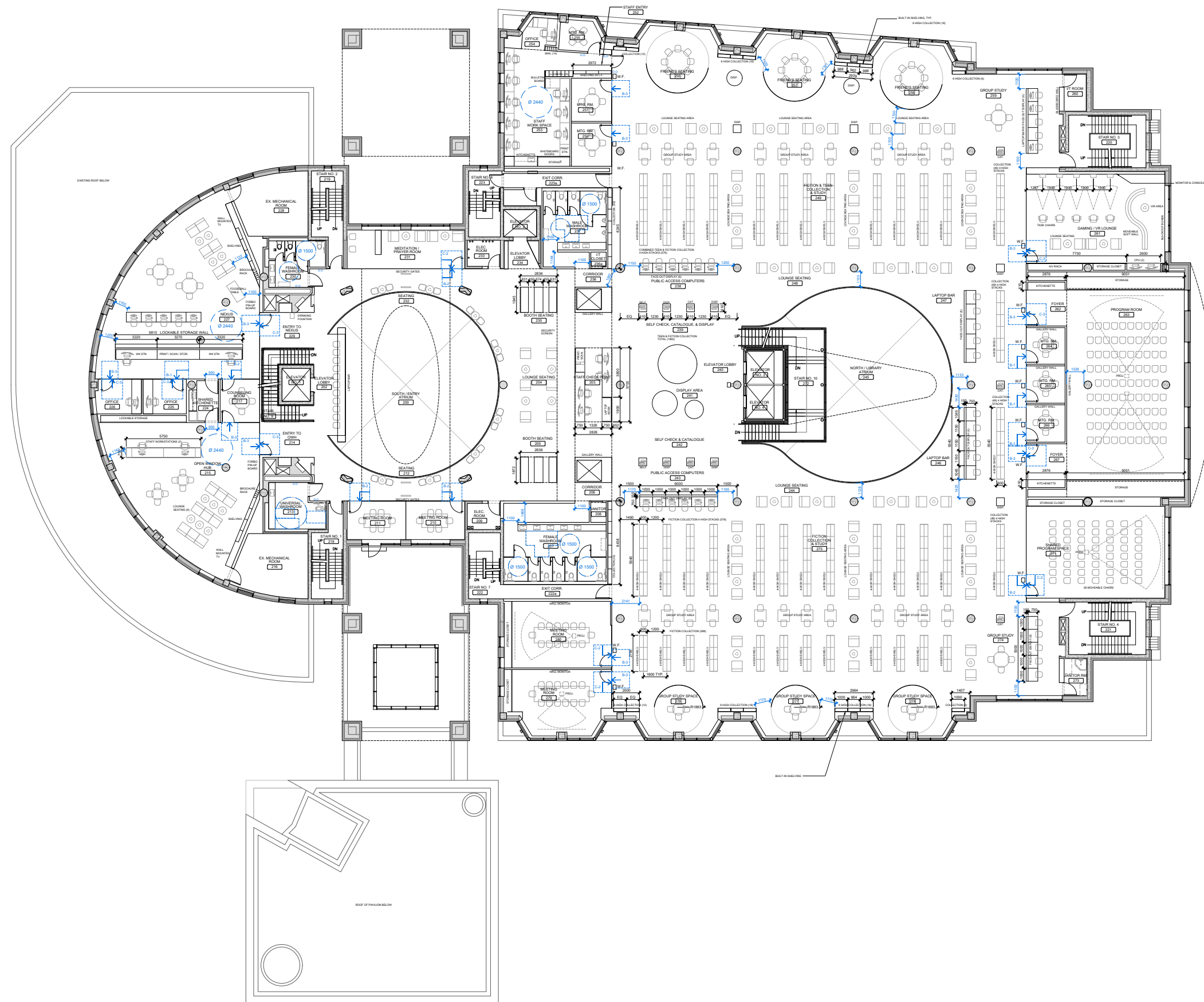


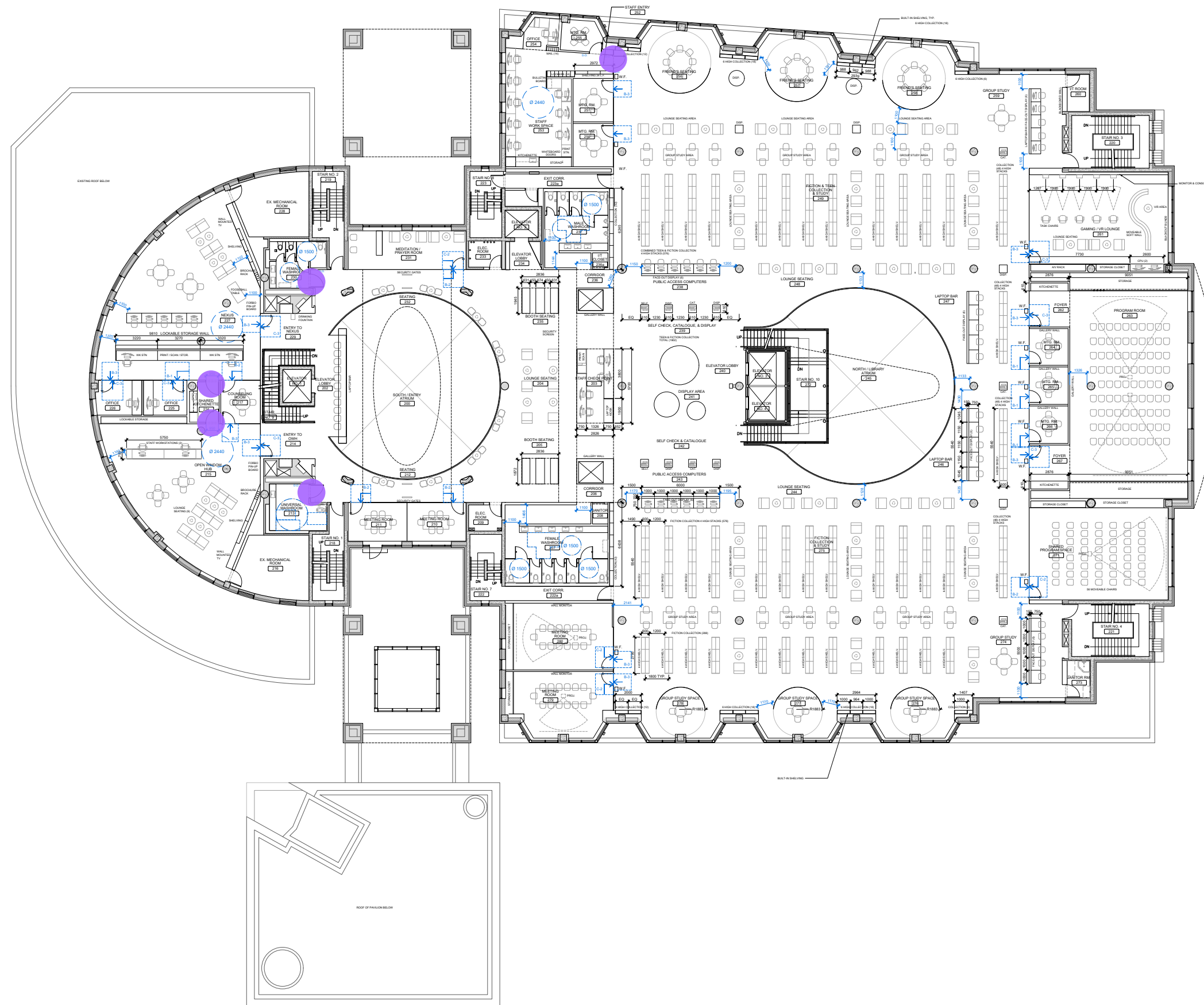




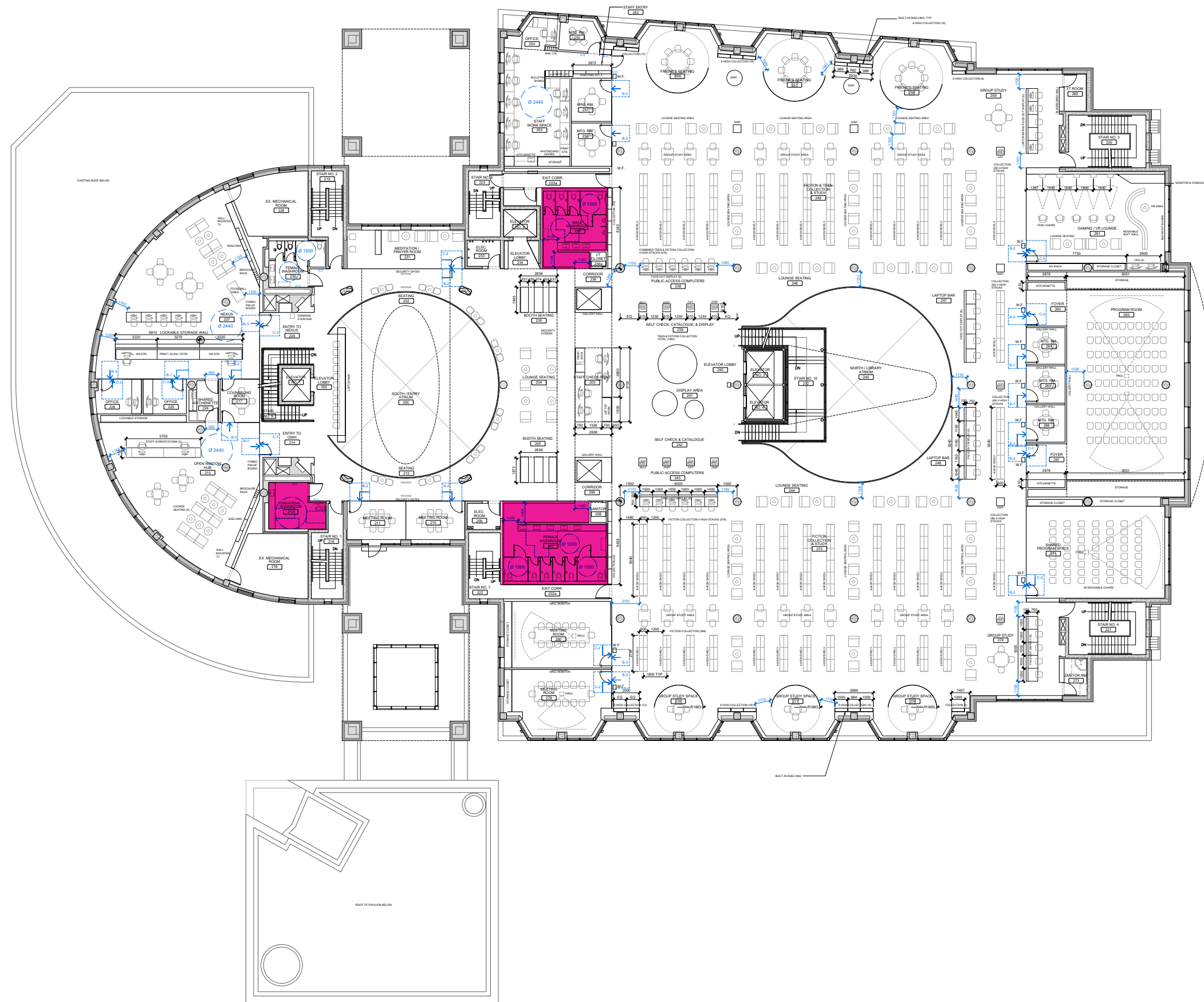


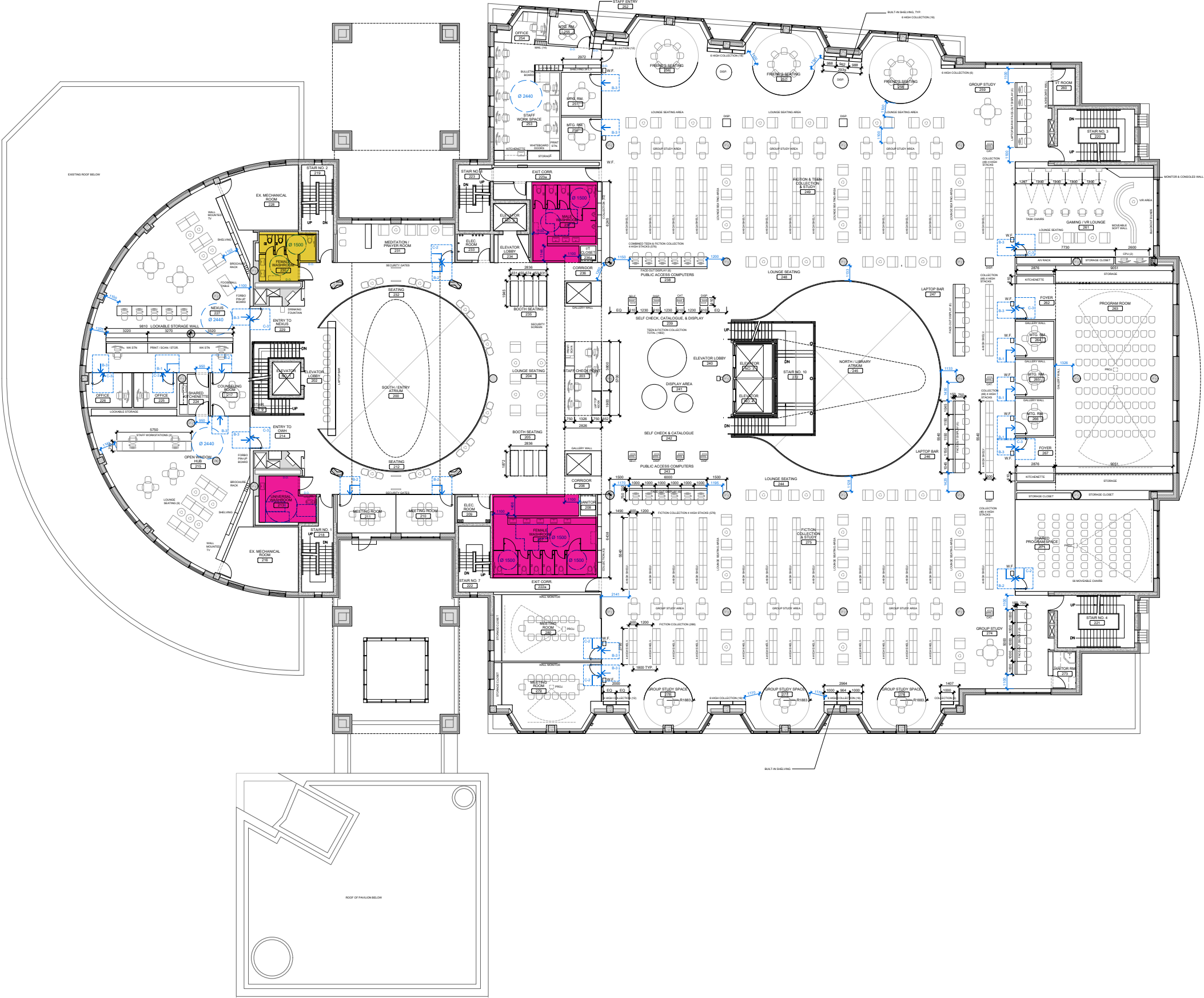


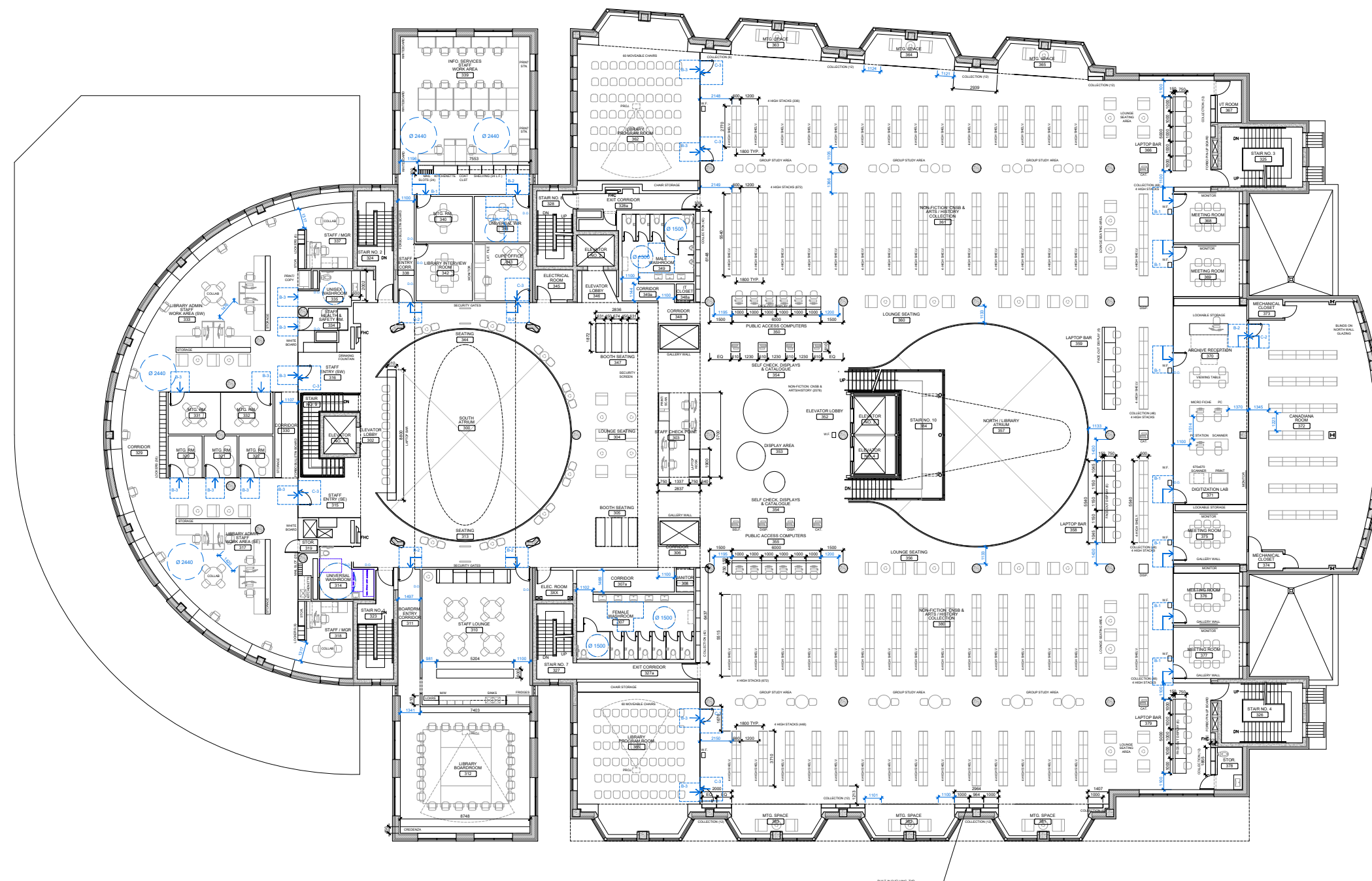


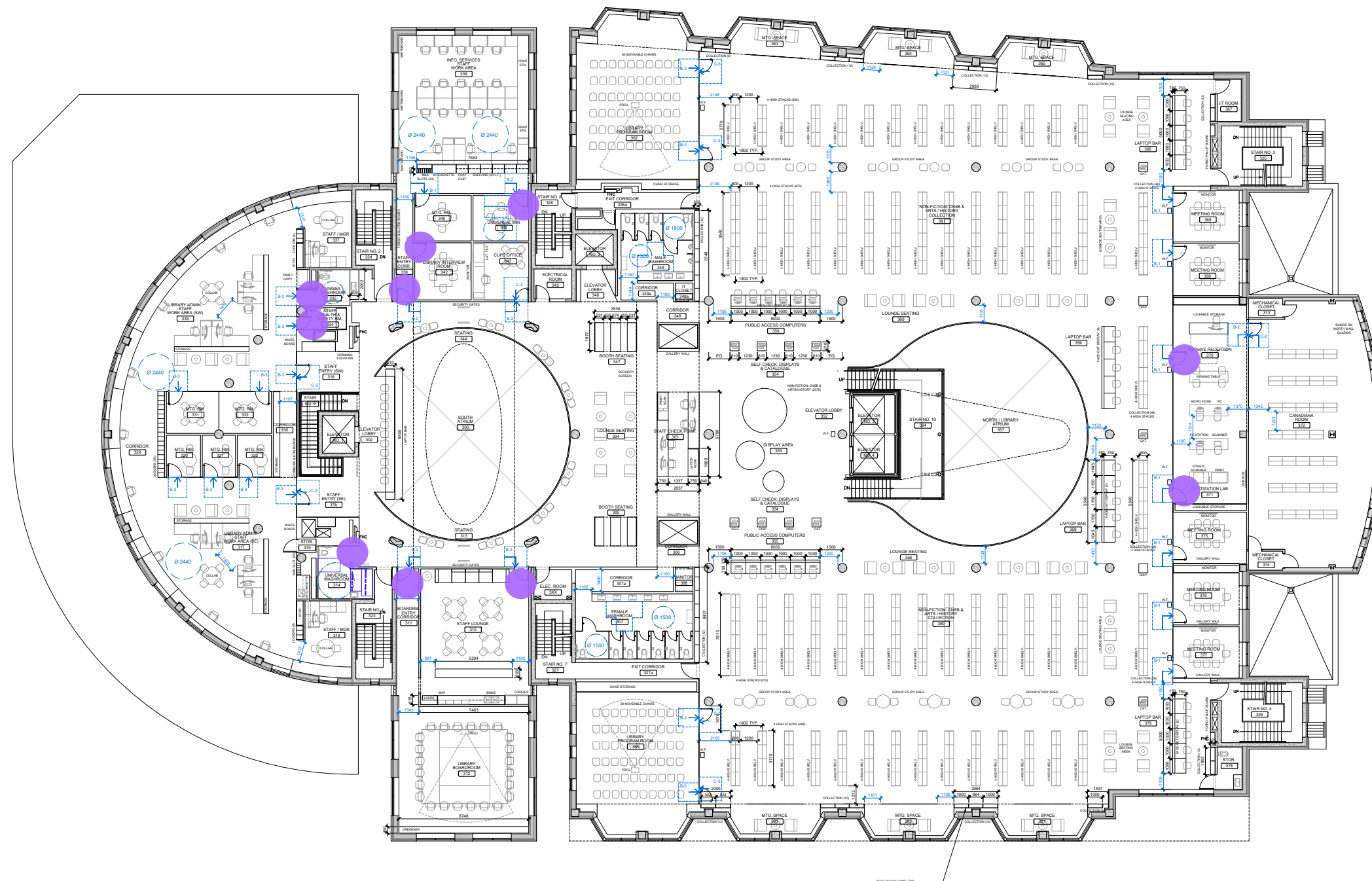


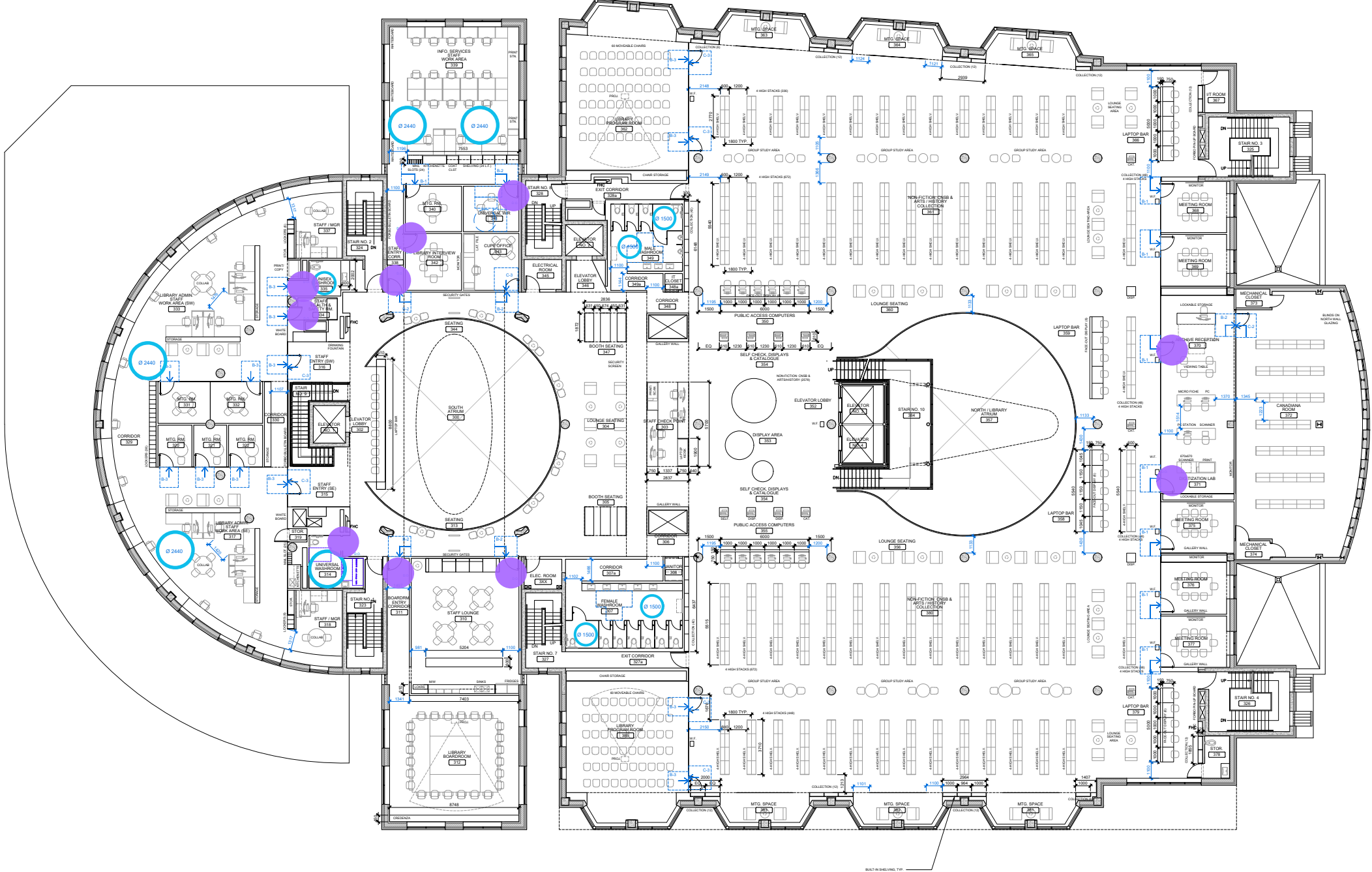


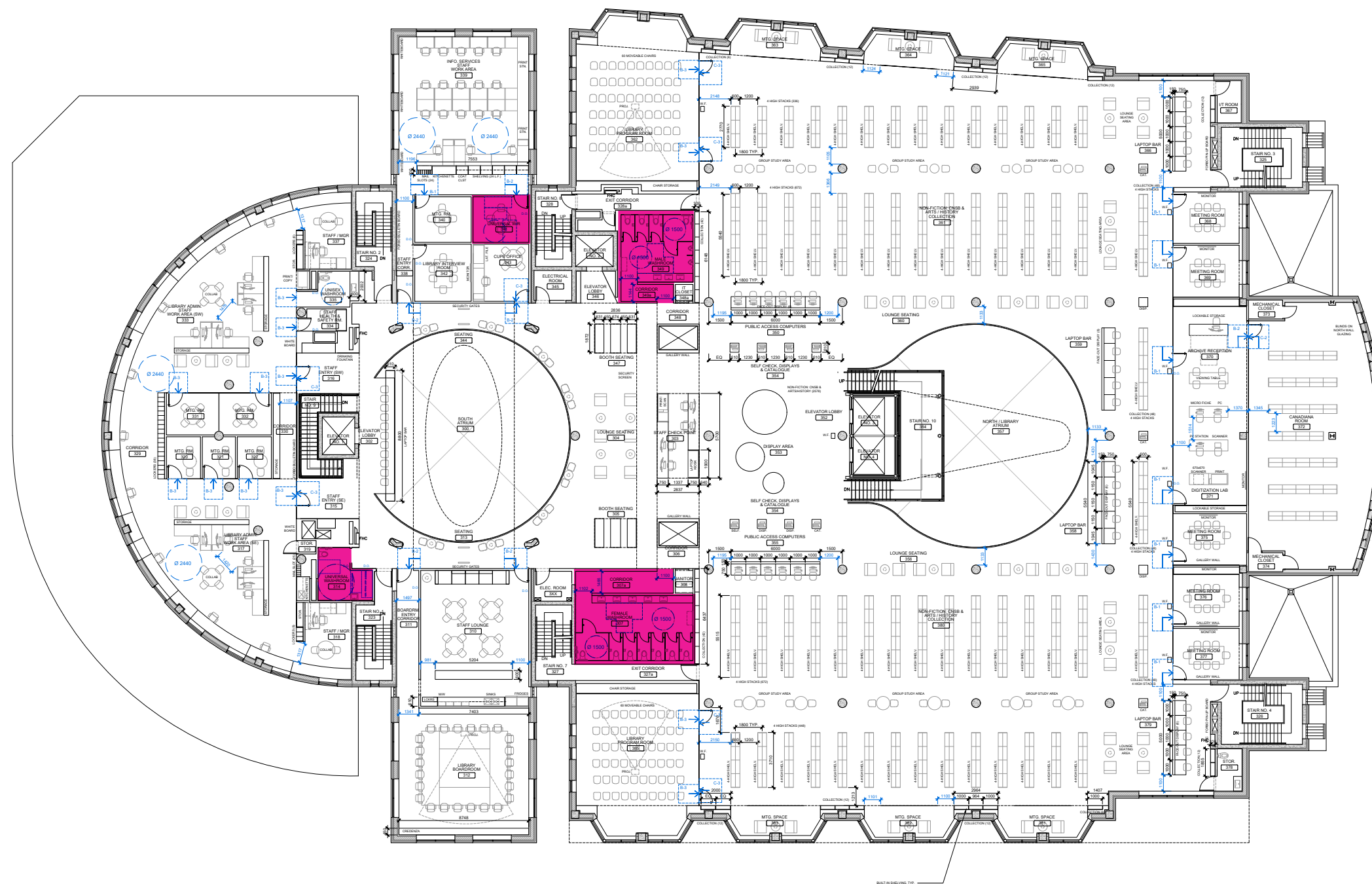


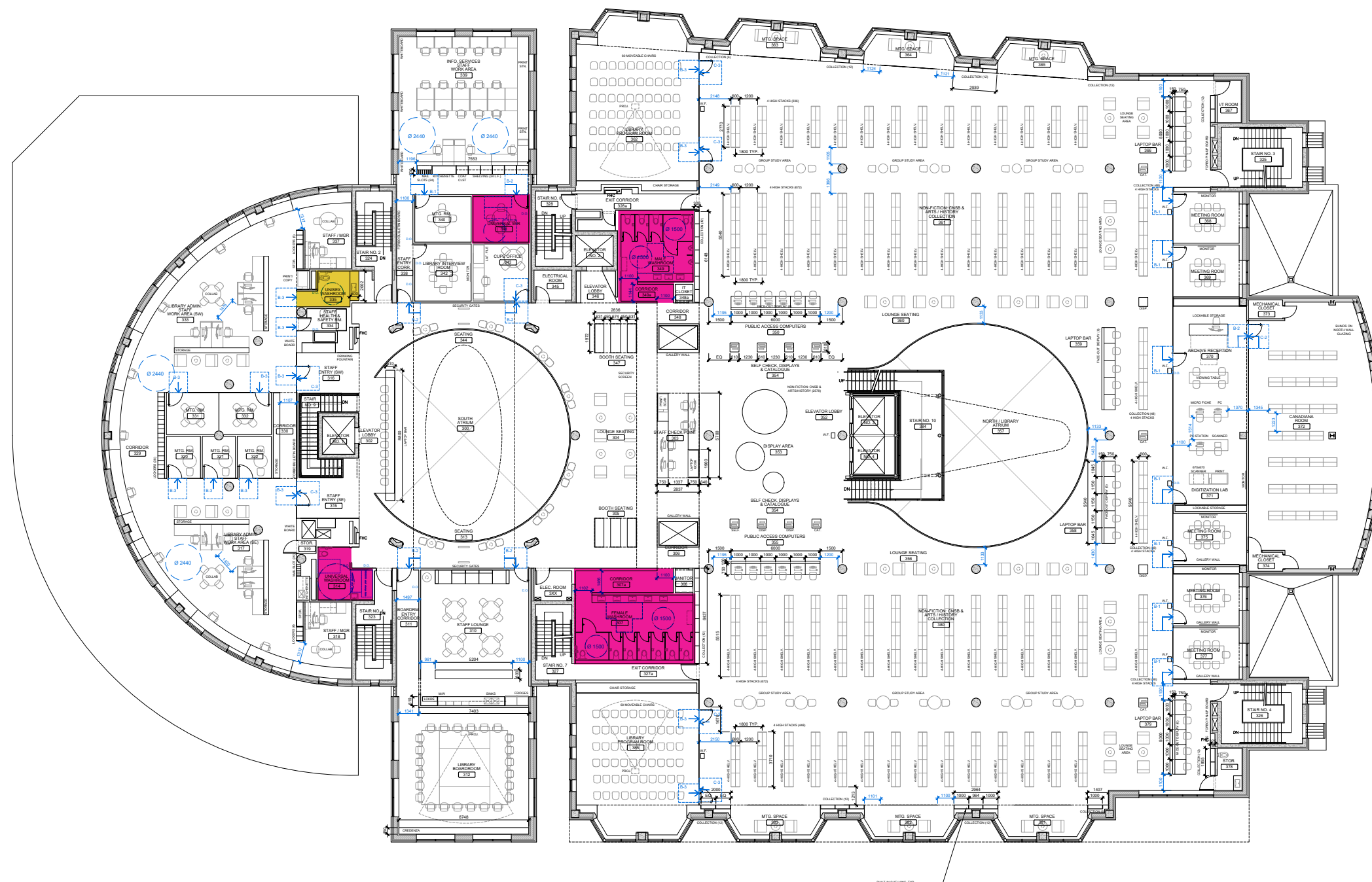


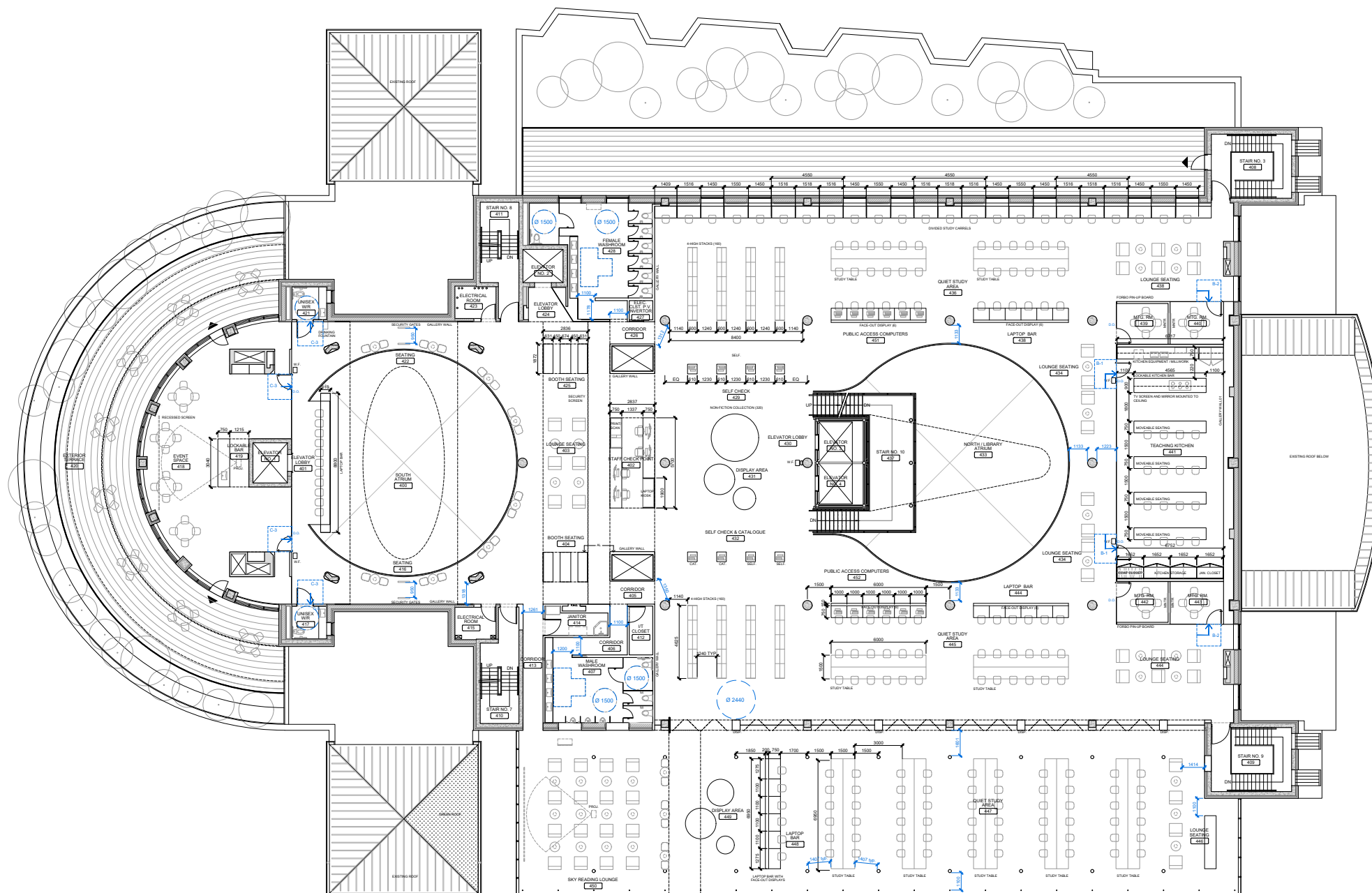


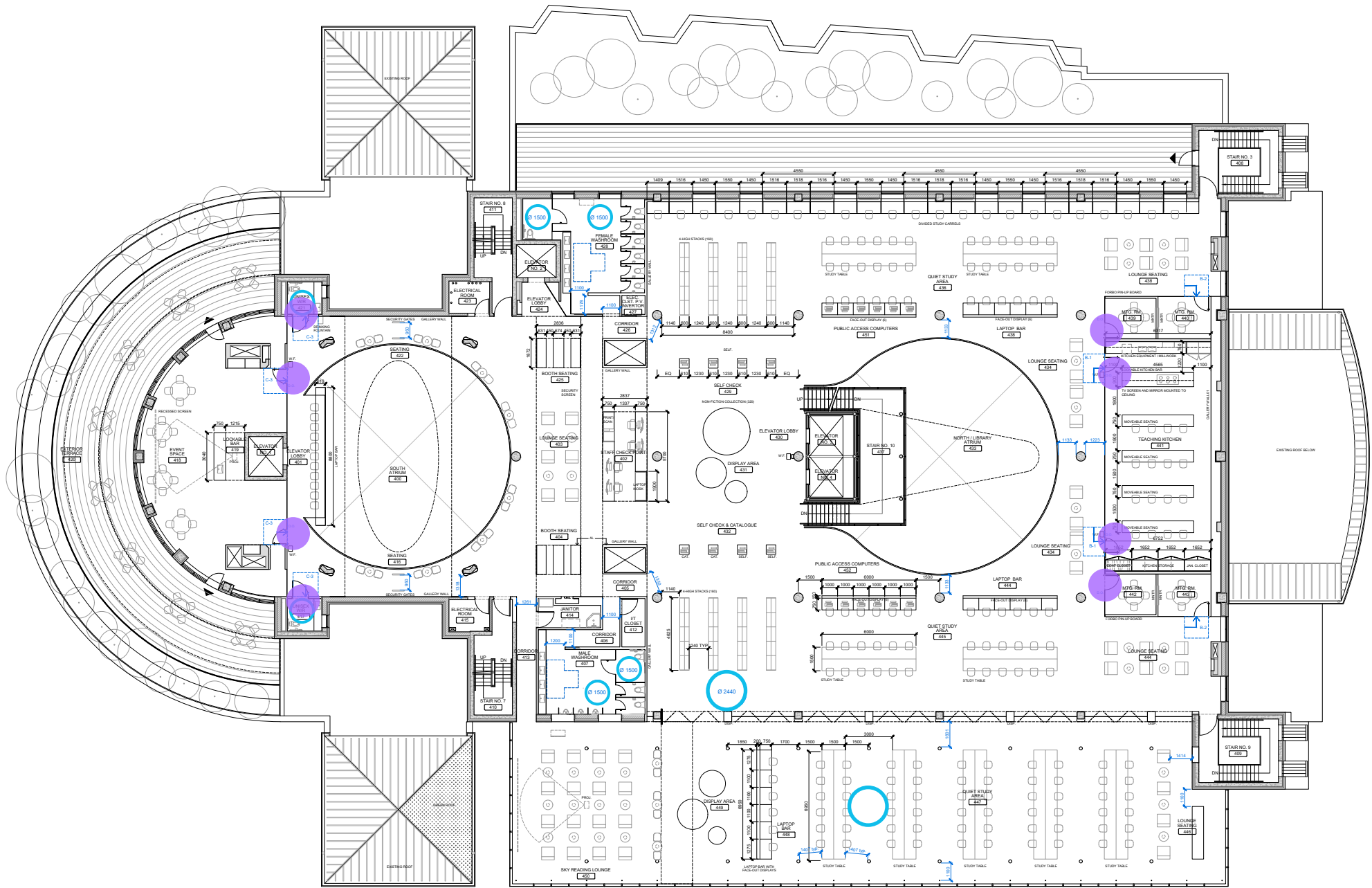


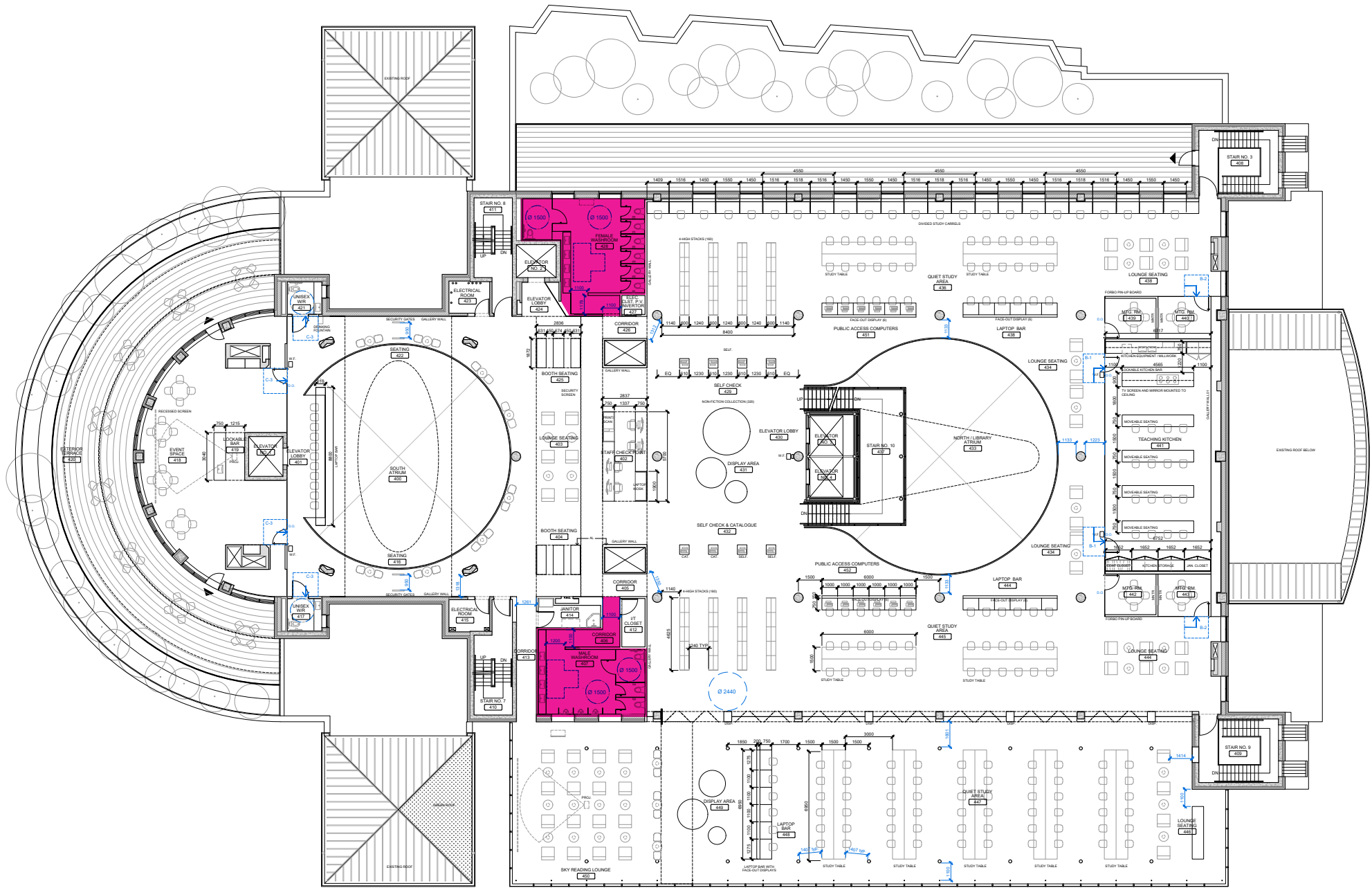


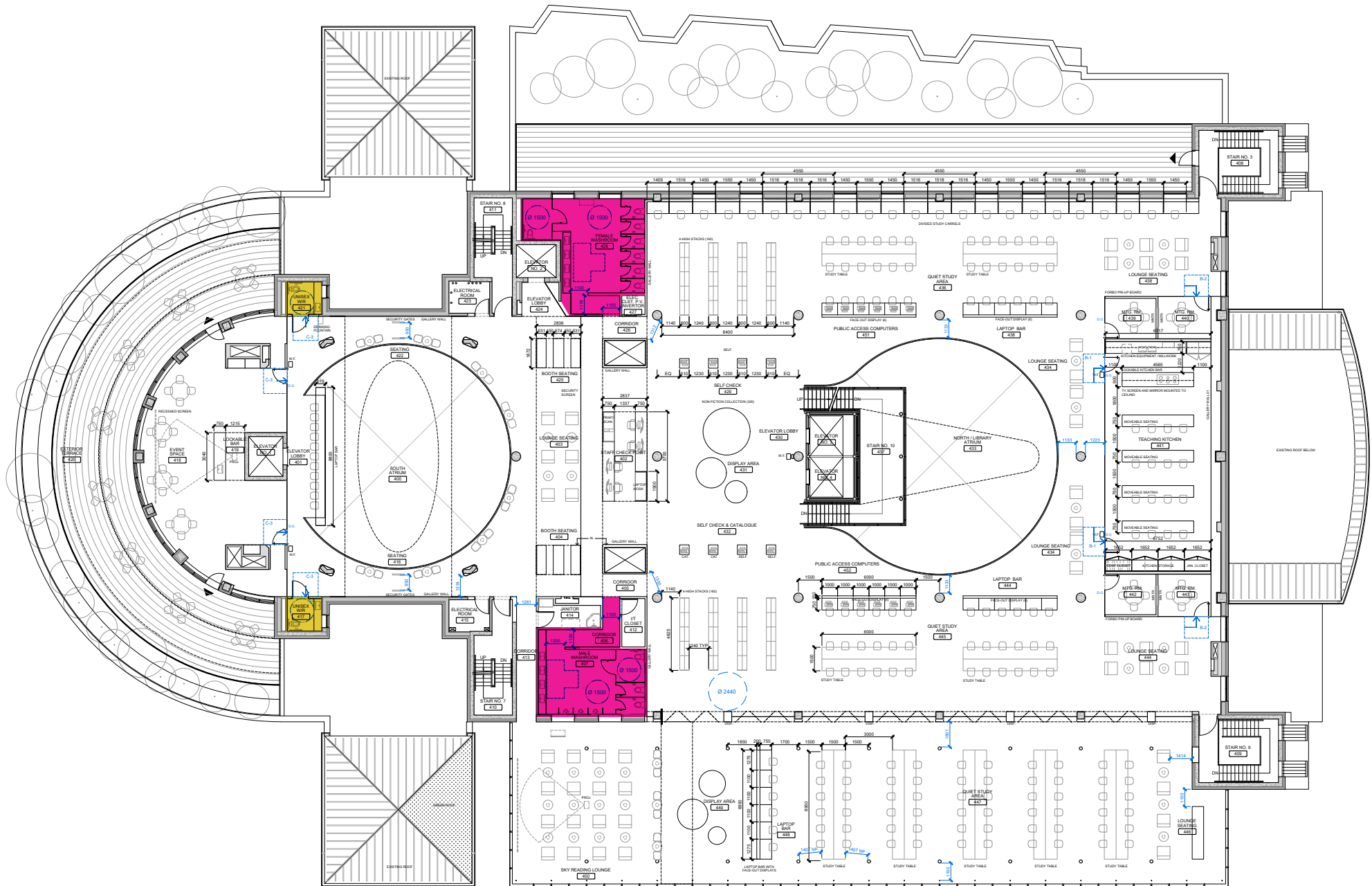












FADS guidelines | blow-up plans

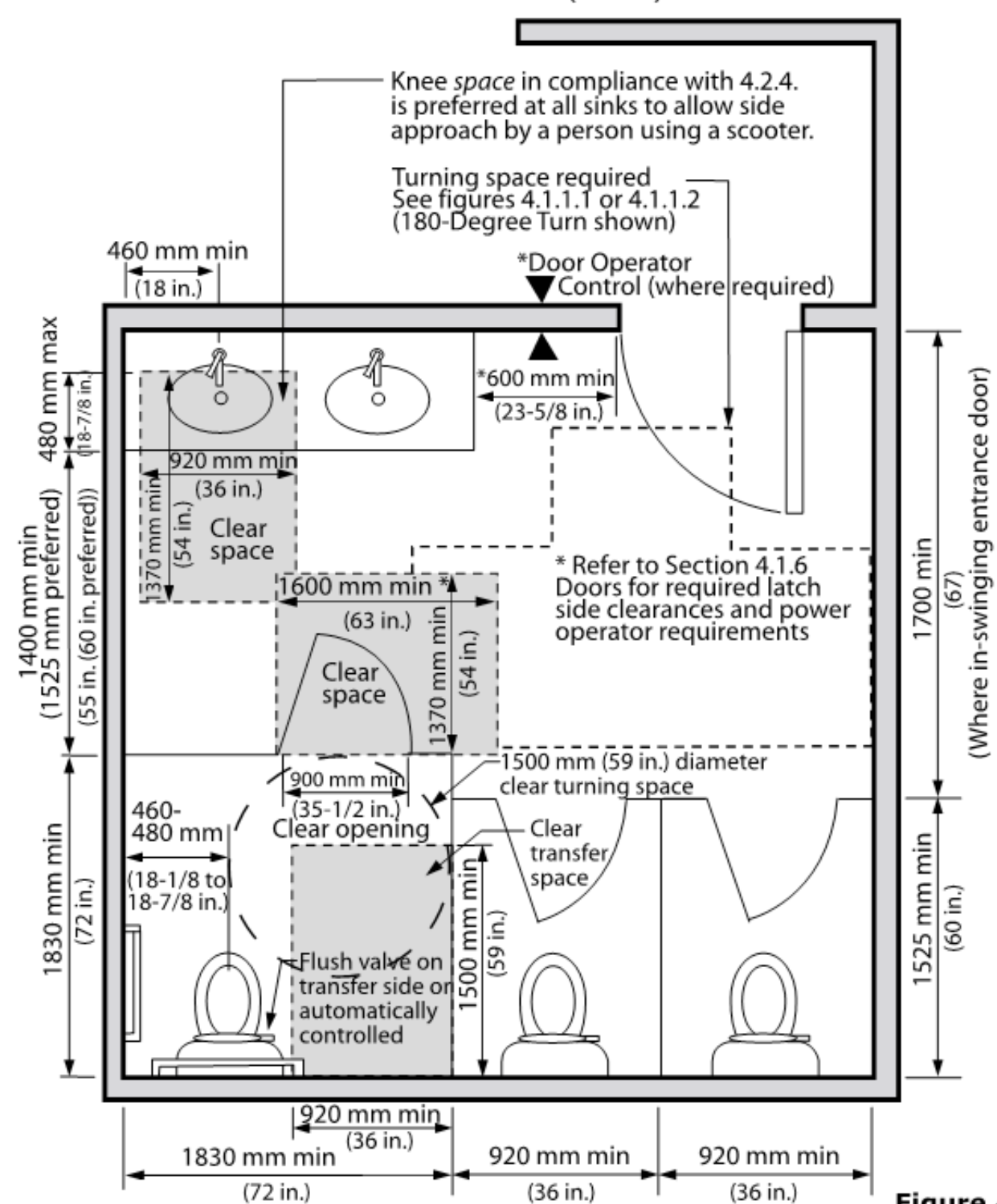
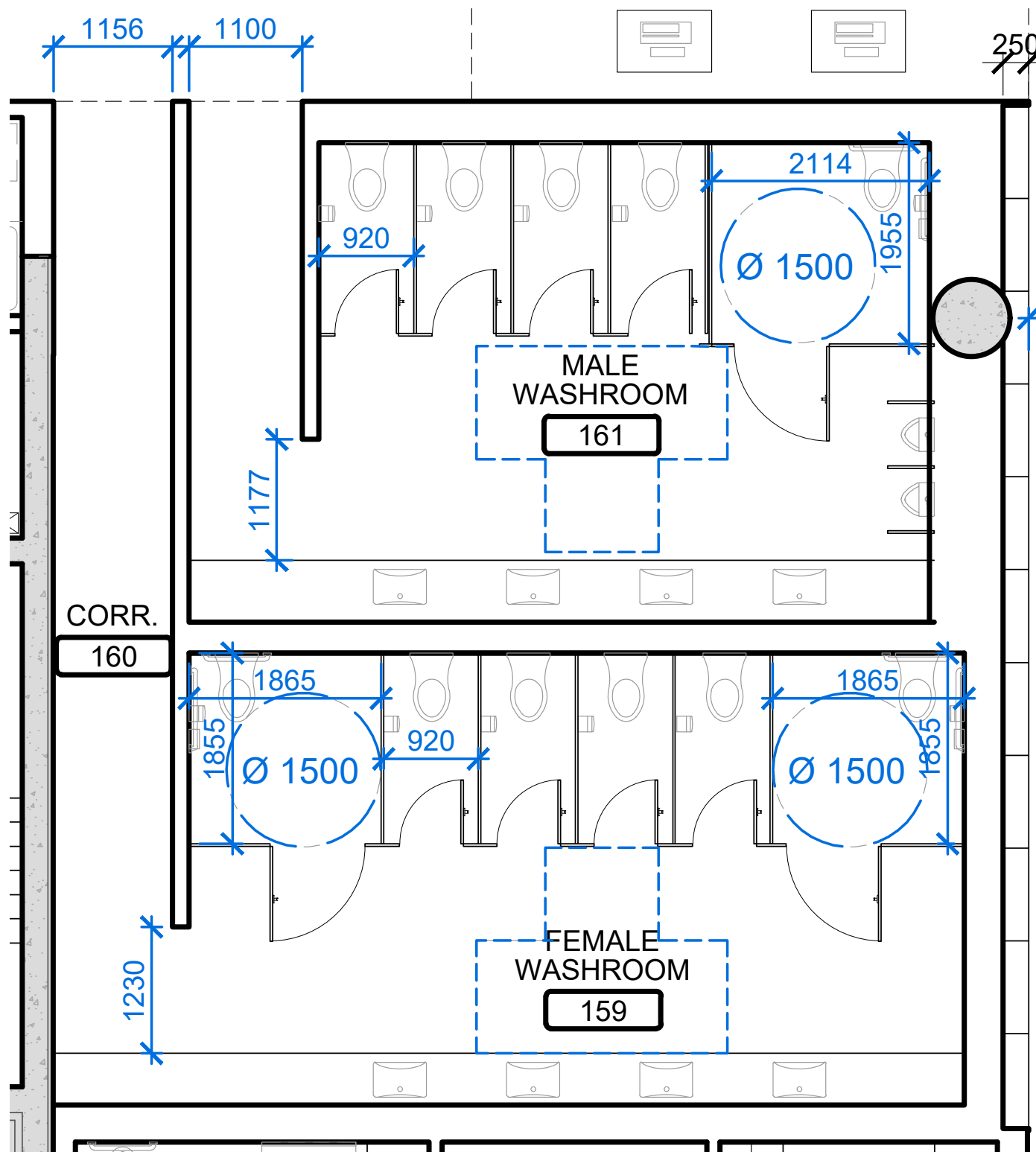
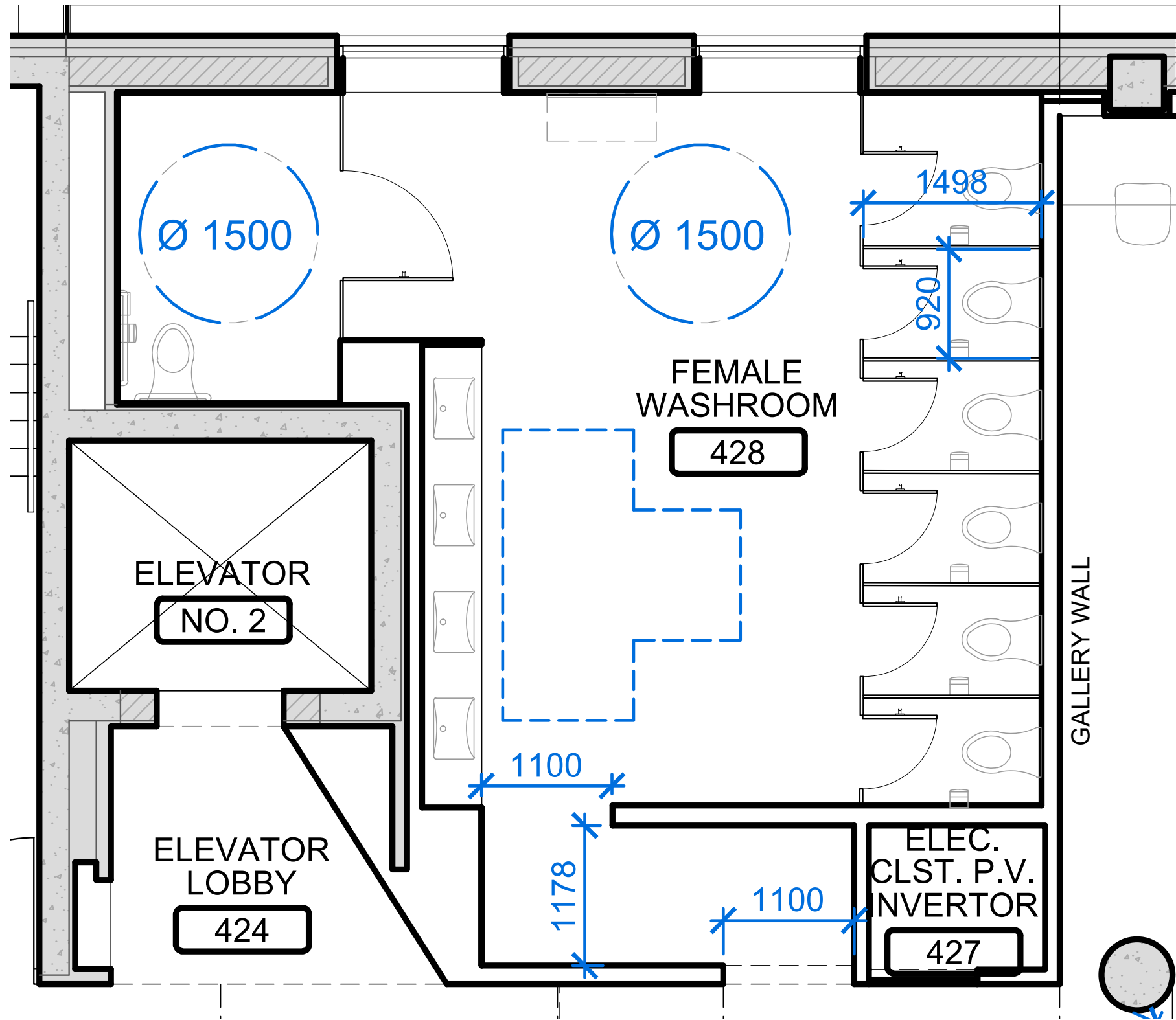


Figure 4.2.1.1



- 400 LEVEL FEMALE W/R
- OBC COMPLIANT
- **FADS COMPLIANT, WITH THE FOLLOWING EXCEPTION** (due to spatial limitations in existing building):

# of toilet stalls within the washroom	Required # of accessible toilet stalls
1 - 5	1
5 - 16	2
17 - 20	3
21 - 30	4
over 30	5 plus 1 for each additional increent of 10

Table 4.2.2
Number of Accessible Toilet Stalls

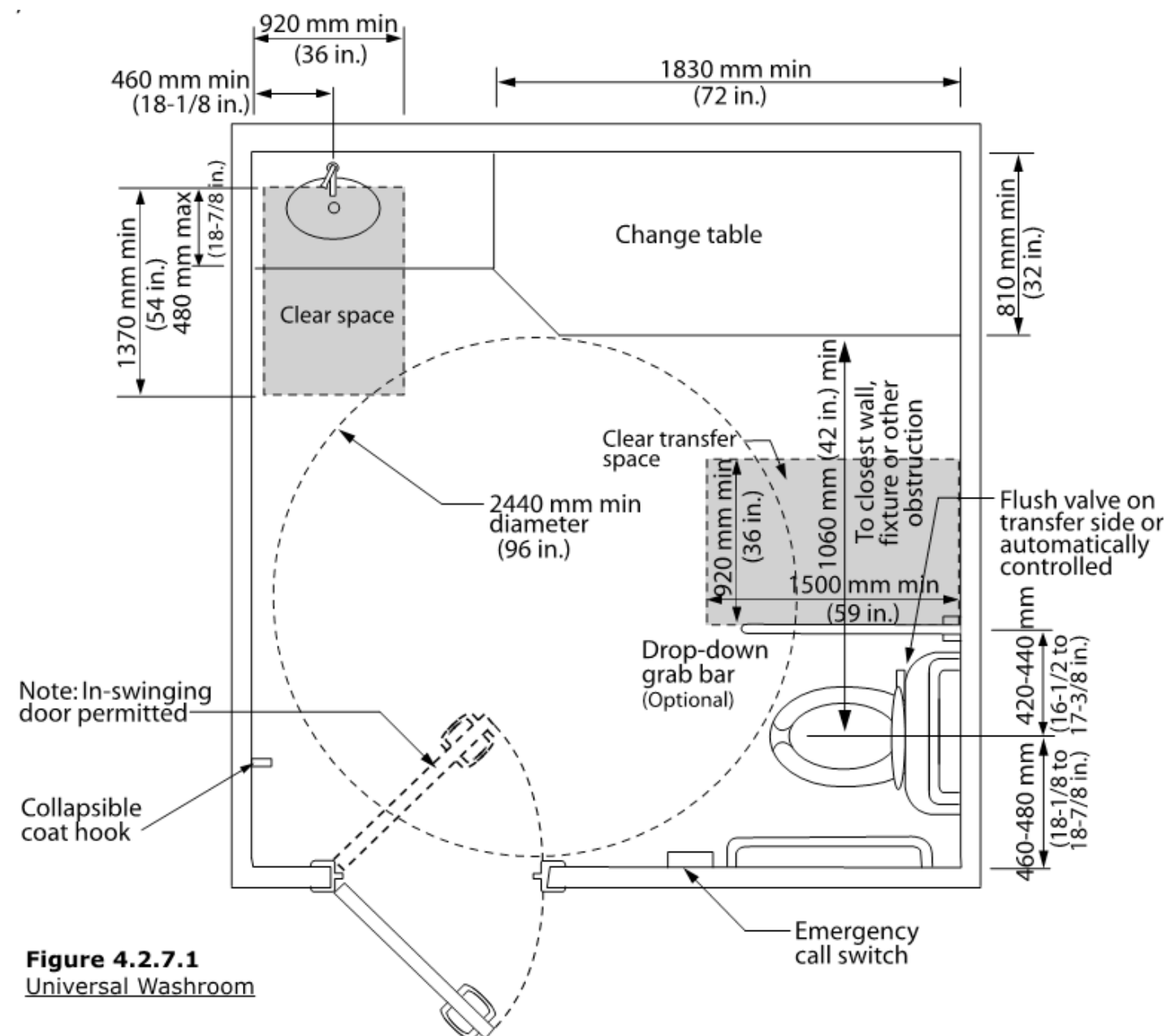
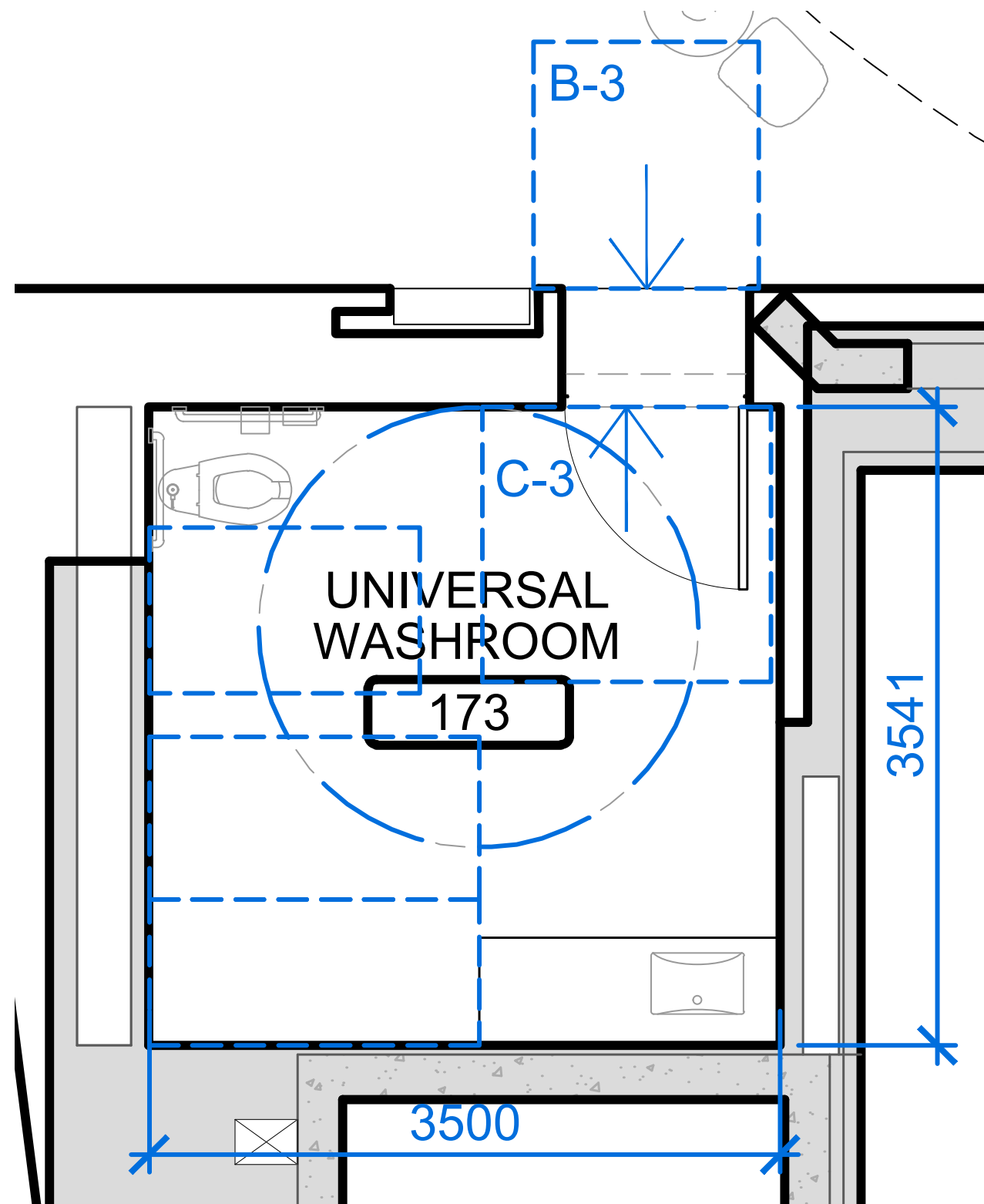


Figure 4.2.7.1
Universal Washroom

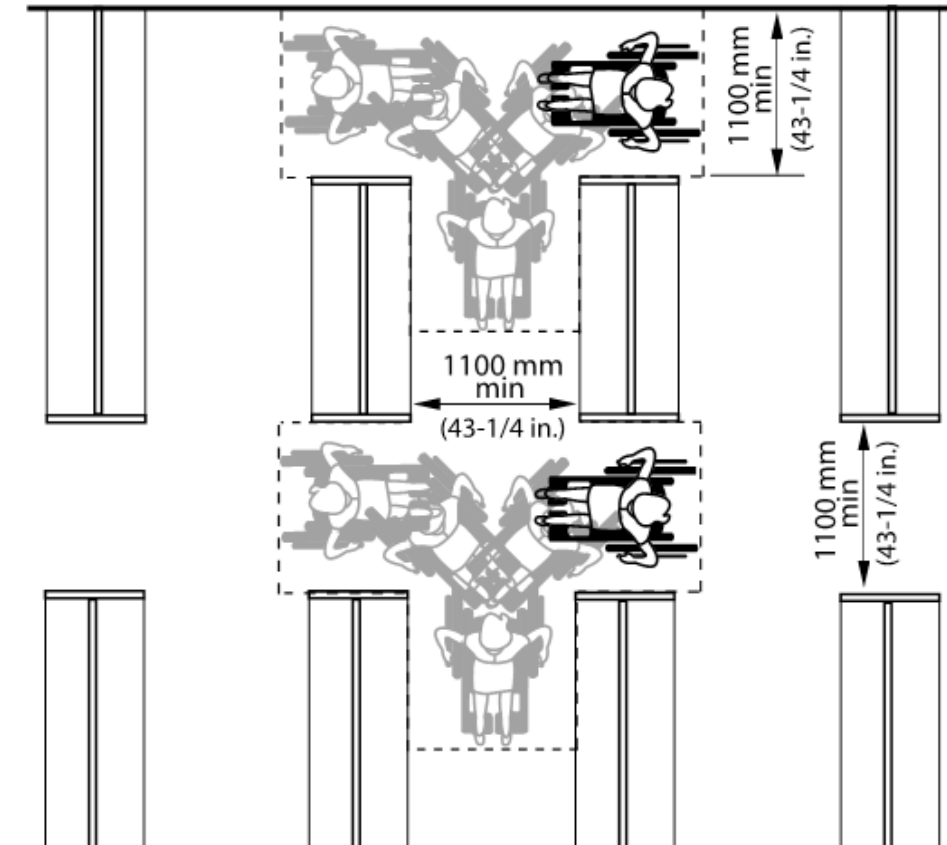
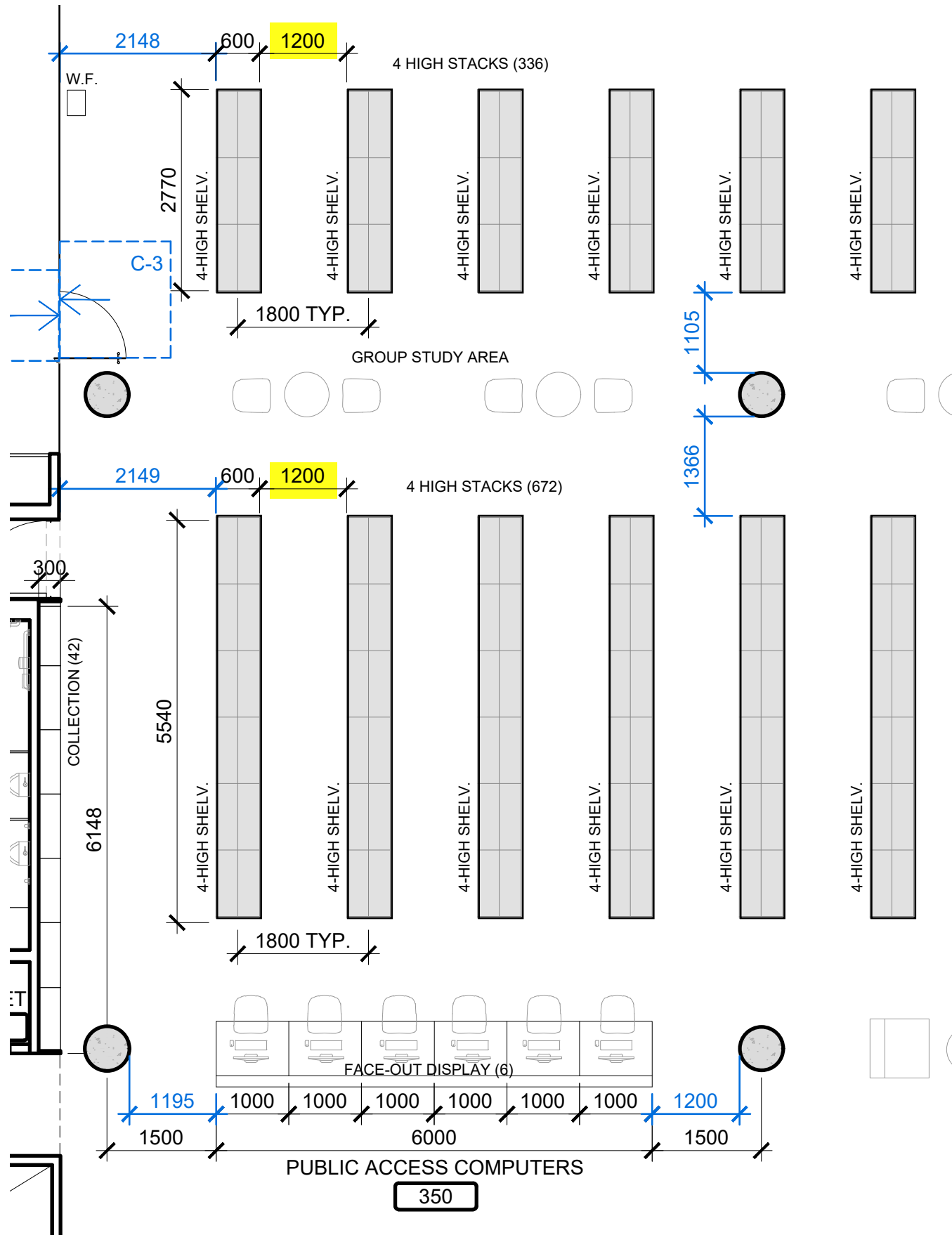


Figure 4.5.6.1
Aisle Width

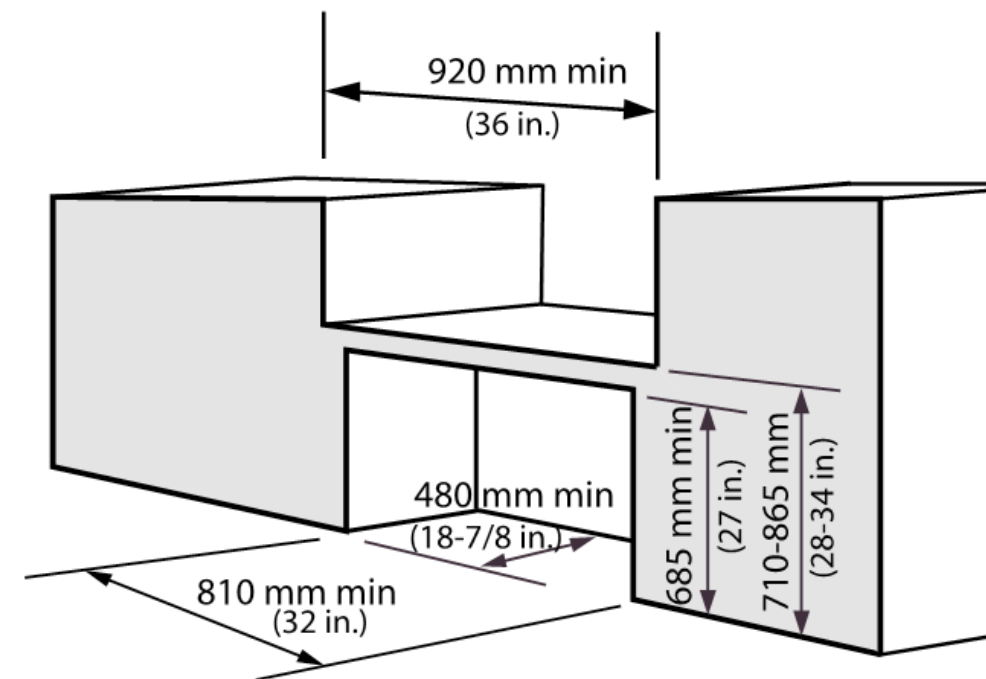
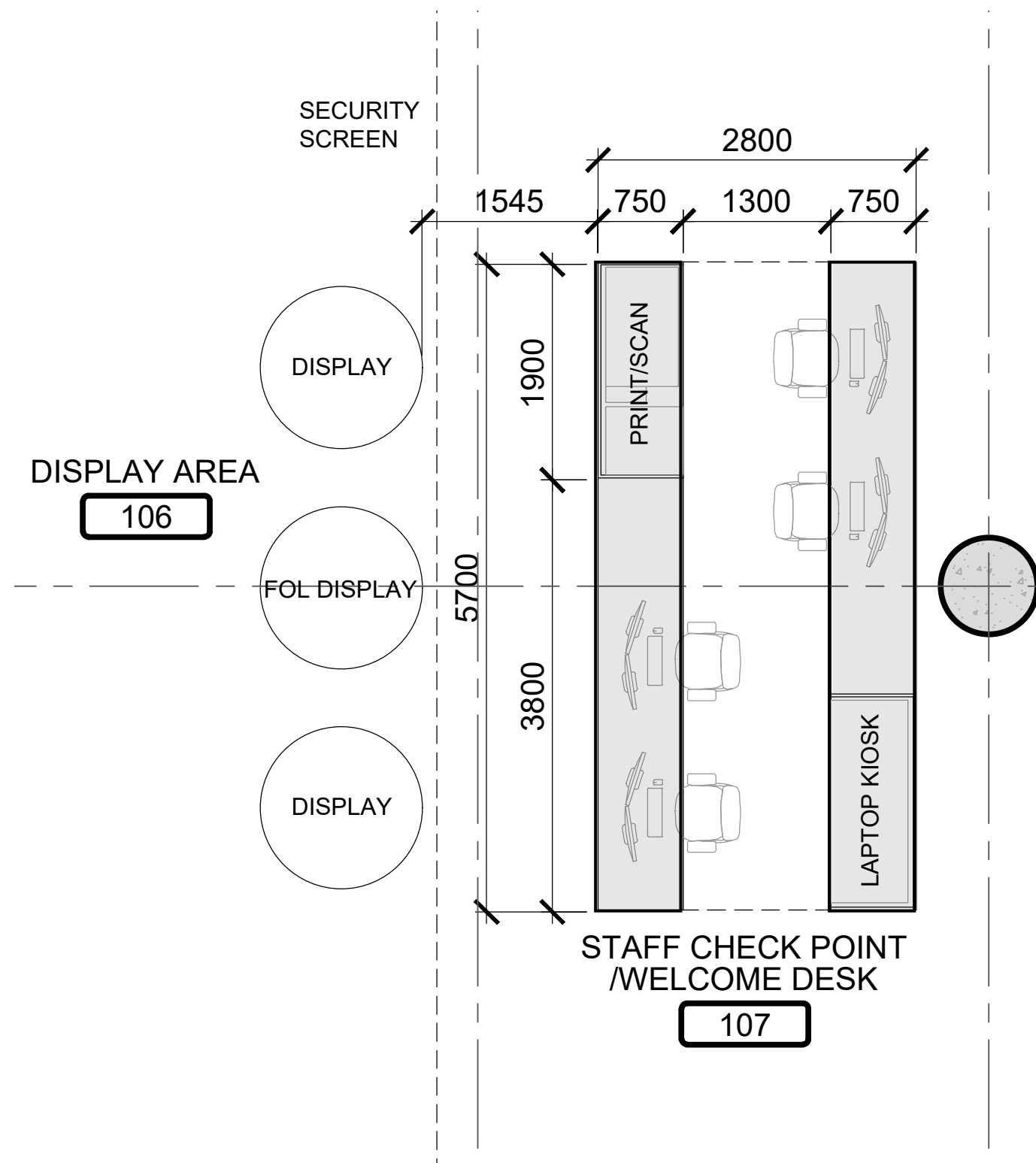


Figure 4.3.8.1
Service Counter

