

Fire Rated Assemblies Inventory and Repair Facilities Advisory 24-0222 February 22, 2024



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Santa Ana College • Santiago Canyon College

Facilities Advisory 24-0222

Introduction

This Facilities Advisory was developed to provide information on fire-rated assemblies (FRA) across RSCCD buildings and campuses, as required by the California Fire Code, California Building Code, and California Code of Regulations (noted below). This advisory shall be utilized as a reference guide when utilizing the FRA report, bid documents, and other associated documents. There are **no** exceptions for compliance with fire and life safety laws, standards, and codes. As such, this guide shall be adhered to.

The requirements for fire-rated assemblies are:

- Continuity of fire-resistive construction.
- Protection of joints between fire barriers and adjoining construction.
- Protection of penetrations through fire-rated assemblies.
- Protection of structural members, exterior walls, fire walls, fire barriers, fire partitions, horizontal assemblies, and shaft enclosures.

Compliance with the requirements and tracking of maintenance are the responsibility of each site.

The requirements herein are based on the following and are subject to change:

- 2022 California Fire Code, California Code of Regulations, Title 24, Part 9, Chapter 7
- 2022 California Building Code, California Code of Regulations, Title 24, Part 2, Chapter 7
- 2022 California Existing Building Code, California Code of Regulations, Title 24, Part 10, Chapter 4 and Resource A

Any changes to the interior or exterior spaces that require or are being considered for modification, reconfiguration, improvement, upgrade, or renovation, are subject to Administrative Regulation (AR) 6601 **Facility Modification and New Construction**. AR 6601 can be found on the District website and Employee Intranet. Employees and faculty are **not** allowed to modify district-owned properties, including but not limited to site areas, buildings, or classrooms without the appropriate approvals and consultations of responsible administrators.

This document should be circulated to the appropriate staff. This document can be found on the Employee Intranet under the department of Facility Planning, Construction and District Support Services, and will be updated to reflect code revisions and additional information as needed. Should you have any questions or need additional assistance, do not hesitate to contact our department at (714) 480-7510.

Sincerely,

Facility Planning, Construction and District Support Services

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What are fire-rated assemblies?

A fire-rated assembly is a barrier that is constructed of a combination of materials which, together as an assembly, have been tested and proven capable of preventing the spread of fire from one area to another for a given period of hours. This is done using a standard fire testing procedure which exposes the assembly to a specific set of fire conditions for a prescribed period. The arrangement in which the assembly was tested becomes the basis on which that assembly may be constructed and identified with a fire rating. These parameters are documented in the listing file for a given assembly and must be followed for the construction of the assembly.

The building code defines the scenarios that require fire-rated assemblies. They are most commonly required to protect egress components (e.g., corridors, stairs), confine fire hazards to unoccupied spaces such as storage rooms, or confine fire hazards to the floor level of origin by preventing vertical spread. The specific extent to which this protection is required is based on factors determined by the architect as part of the design of the building, such as construction type, sprinkler protection, building area, building height, occupancy classification, and other factors. For each scenario, the building code defines the level of protection required. This analysis is typically presented in the design documents for a building, usually in the General (“G”-series) drawing sheets. Some older buildings’ record drawings do not document this analysis thoroughly, and they require additional observation and judgment to determine the locations of rated assemblies.

Why are fire-rated assemblies required to be maintained?

The California Fire Code (California Code of Regulations, Title 24, Part 9), Section 701.6, states the requirement for the building owner to maintain fire-resistance-rated construction as follows:

The owner shall maintain an inventory of all required fire-resistance-rated construction installed to resist the passage of smoke and the construction included in Sections 703 through 707 and Sections 602.4.1 and 602.4.2 of the California Building Code. Such construction shall be visually inspected by the owner annually and properly repaired, restored or replaced where damaged, altered, breached or penetrated. Records of inspections and repairs shall be maintained. Where concealed, such elements shall not be required to be visually inspected by the owner unless the concealed space is accessible by the removal or movement of a panel, access door, ceiling tile or similar movable entry to the space.

What is the procedure for work that affects fire-rated assemblies?

Any impact of work on fire-rated assemblies should be addressed in the design phase of the associated work. The district shall provide the design professional responsible for the work with documentation indicating the fire-rated assembly locations in the building. The design professional shall review the information therein and provide penetration details, joint details, patching details, and any other relevant details for proposed changes that require penetration or disruption of fire-rated construction. The ratings (in hours) of such construction shall be clearly represented on the construction documents prepared by the design professional

responsible for the work.

The college shall review the inventory of fire-rated assemblies (Refer to Exhibit A) prior to any construction, reconstruction, renovation, improvement, demolition, or repair work of any kind. If the work affects fire-rated assemblies, Facility Planning shall be notified and a Facility Modification Request shall be issued, as applicable, to review and advise on the proposed work. This document shall be shared with any vendor that proposes to do any work within any fire-rated environment.

Where are the fire-rated assemblies located in each building?

The locations of all fire-rated assemblies have been documented in the fire-rated assemblies survey, which is attached to this Facilities Advisory as Exhibit A.

Note that older, unsprinklered buildings were designed to rely more on fire-rated assemblies and compartmentation to achieve life safety objectives. Modern buildings with sprinkler systems have fewer requirements for rated assemblies because sprinkler systems are designed to discharge automatically and limit fire growth to a confined area, generally around 1,500 square feet.

Each building is unique, and the record documents must be consulted to confirm fire-rated assembly locations.

The district installed label decals and stenciled markings at all fire-rated assemblies in accordance with fire codes that state “Fire and Smoke Barrier. Protect All Openings” to help identify fire-rated assemblies. Refer to the images shown in Figure # 1 for vertical and horizontal assemblies. Refer to Figure # 2 for rated-door decals. Pay close attention to these decals and stencil markings when working in these areas or doors. All new buildings have decals that denote fire-rated assemblies. These buildings include SAC Building JSC, SAC Building HS, and SAC Building SC. The district is working on a project to install additional decals through the remainder of the buildings, which is expected to be completed by the end of 2024.

Figure # 1



Figure # 2



What was the basis for determining the fire ratings during the district-wide survey?

The primary methodology for determining fire ratings of various assemblies was through a review of the record drawings and identification of any fire rating information therein. The ratings indicated in the record drawings were documented and included in the attached Exhibit A.

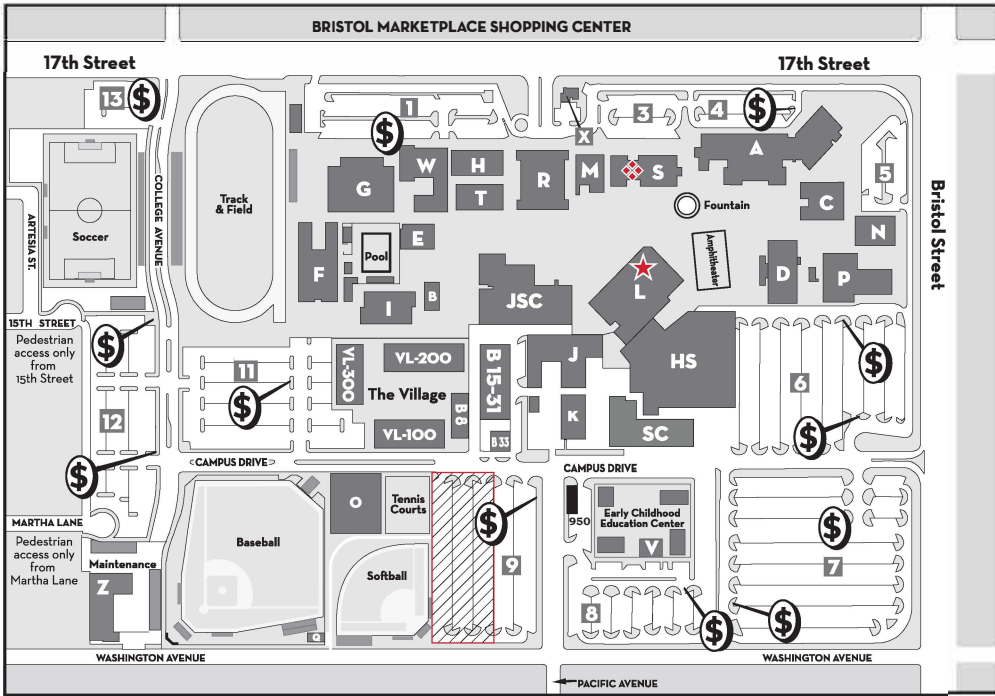
In cases where the record drawings lacked clear information on fire ratings, a method of field observation was utilized. For this method, if a building assembly had the appearance of potential fire rating (e.g., full-height walls enclosing a space, hard lid ceilings, concrete) in combination with protected openings/penetrations (e.g., fire damper, rated door, fire caulked penetration), the assembly was assumed to require a fire rating. These ratings were established based on the engineer's understanding of the various code requirements in relation to the vintage of the building. Refer to Exhibit B for a list of buildings requiring the aforementioned method.

For whom is this information intended?

Maintenance & Operations (M&O), Information Technology Services (ITS), Facilities Planning, and the vendors hired by these and any other departments are required to be aware of the code requirements for protecting openings and penetrations to maintain the integrity of the fire-rated assemblies during any construction, re-construction, alteration, renovation, improvement, demolition and repair, maintenance and service work that may require such assemblies to be penetrated. Additionally, this document is meant to clarify the methods used to determine the required fire rating of a given assembly; this way, future modification projects have a useful historical reference to use while performing and presenting a code analysis in the construction documents.

EXHIBIT A – FIRE-RATED ASSEMBLY LOCATIONS

SANTA ANA COLLEGE (SAC)



- PARKING**
- ☎ Daily Permit Dispenser (\$2.00 daily)
 - 1 **STAFF**
 - 2 **SECURITY**
 - 3 **VISITOR**
 - 4 - 5 **STAFF**
 - 6 - 13 **STUDENT** (except as posted)

CAUTION!
 Parking in Bristol Marketplace, across the street from Santa Ana College, is not allowed. Violations will result in tow-aways. RSCCD requires parking permits for student and staff lots at Santa Ana College and Santiago Canyon College. **Semester Parking Permits** may be purchased at time of registration for \$30.00 in the Student Business Office in the Johnson Student Center (JSC-202) at Santa Ana College, as well as in the Cashier's Office at Santiago Canyon College. The purchase of your permit funds parking services and vehicle security when parked on campus.

▨ Denotes "Closed for Construction" ★ Student Help Desk - Inside Nealley Library ✦ Student Resource Desk: S-Building Lobby

SAC FACILITIES AND LOCATIONS

A	Cesar Chavez Building		Disabled Students Program (DSPS)	JSC-108	P	Phillips Hall Theatre	
	Academic Computing Center	A-106	EOPS/CARE/CalWORKs	JSC-212	Q	Sports Concession	
	Distance Education	A-101	Financial Aid	JSC-201	R	Russell Hall	
B	Middle College High School		Grab-N-Go	JSC-116	S	Administration Building – First Floor:	
	SAUSD Administration Office	B-10	Guardian Scholars	JSC-215		Admissions / Records	S-101
	Classrooms (The Village)	VL-300	Health & Wellness Center	JSC-110		Counseling	S-112
B 8	Adult Education Center Office		International Student Program	JSC-208		Graduation Office	S-104
B 15-31	Adult Education Classrooms		Lactation Room	JSC-110		Promise Program	S-110
B 33	Adult Education Classrooms		Reprographics	JSC-120		PUENTE Program	S-110
C	Fine Arts / Art Gallery		(TRiO) SSSP Upward Bound	JSC-209		University Transfer Center & Center for Teacher Education	S-110
D	Dunlap Hall		Student Business Office	JSC-202		Administration Building – 2nd Floor:	
	Honors Program	D-428	Student Life	JSC-102		Community Services Program	S-203
	Learning Center	D-307	Student Placement	JSC-203		Foundation	S-201
E	Fitness Center		The Spot	JSC-101		Scholarship Program	S-201
F	Locker Rooms		K	Welding / Auto Diesel		SC	Science Center
G	Cook Gym		L	Nealley Library – 1st Floor		T	Technical Arts
H	Hammond Hall			L Building – 2nd Floor:		V	Early Childhood Education Center
HS	Health Science			Assessment Center	L-223		Classroom
I	Classroom Building			Career Center	L-222	VL	The Village
J	Auto Shop			Math Study Center	L-204		Student Outreach
JSC	Johnson Student Center			MESA Program	L-206		VL-205
	Associated Student Government (ASG)	JSC-103	M	Planetarium			Middle College High School Classrooms
	Bookstore (in Campus Store)	JSC-117		Veterans Resource Center	M-120	W	Kinesiology
	Cafe - Coffee/Juice Bar	JSC-118	N	Music Building		X	Security / Safety
	Campus Store/Quick Stop	JSC-117	O	Central Plant		Z	Maintenance

LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL

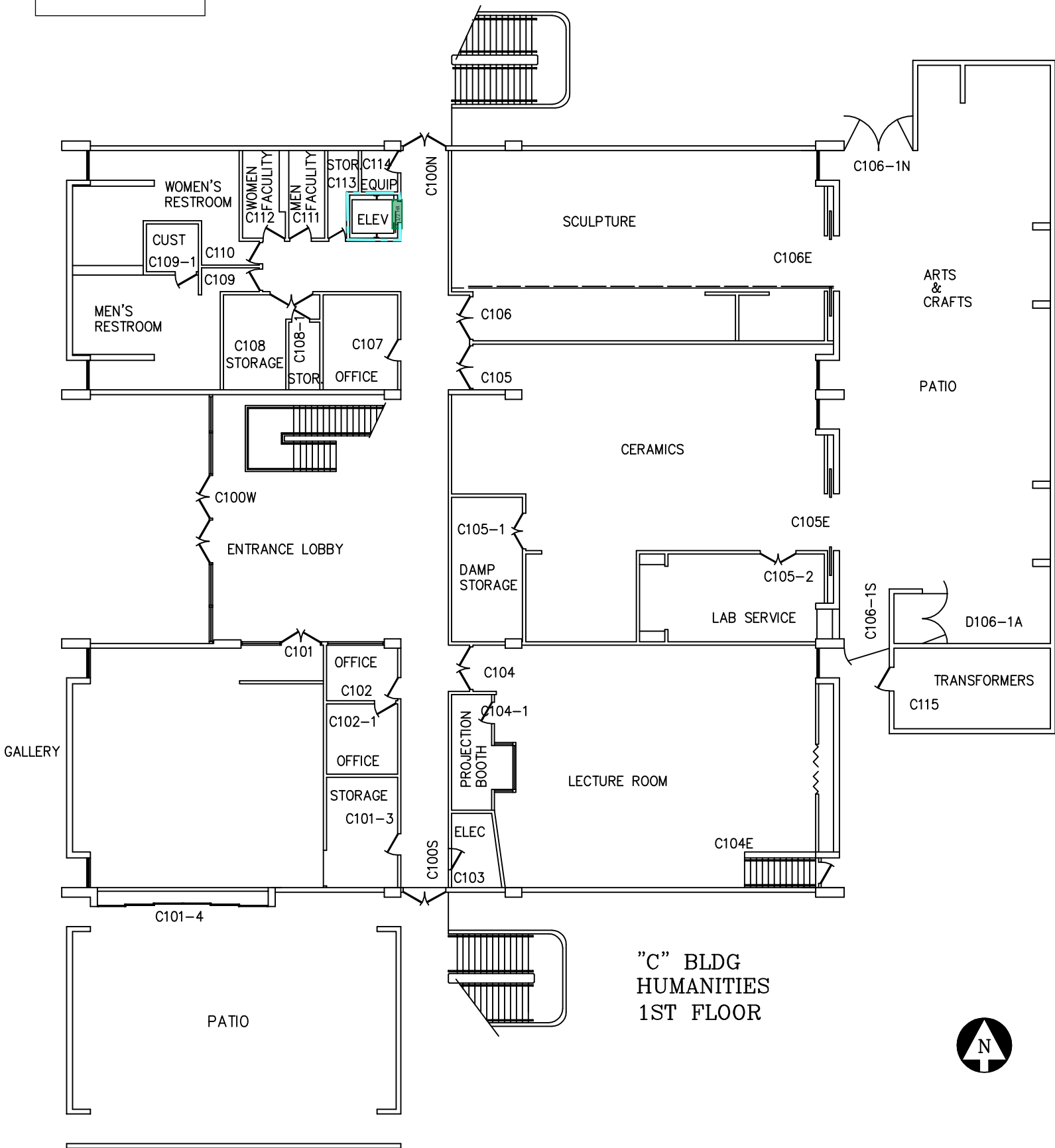


"A" BLDG.
FIRST FLOOR PLAN



LEGEND

- 20 MIN 20 MIN RATED DOOR
- 1 1/2 HR 1 1/2 HR RATED DOOR
- 2 HR 2 HR FIRE RATED WALL



LEGEND

20 MIN 20 MIN RATED DOOR

1 1/2 HR 1 1/2 HR RATED DOOR





2 HR FIRE RATED WALL

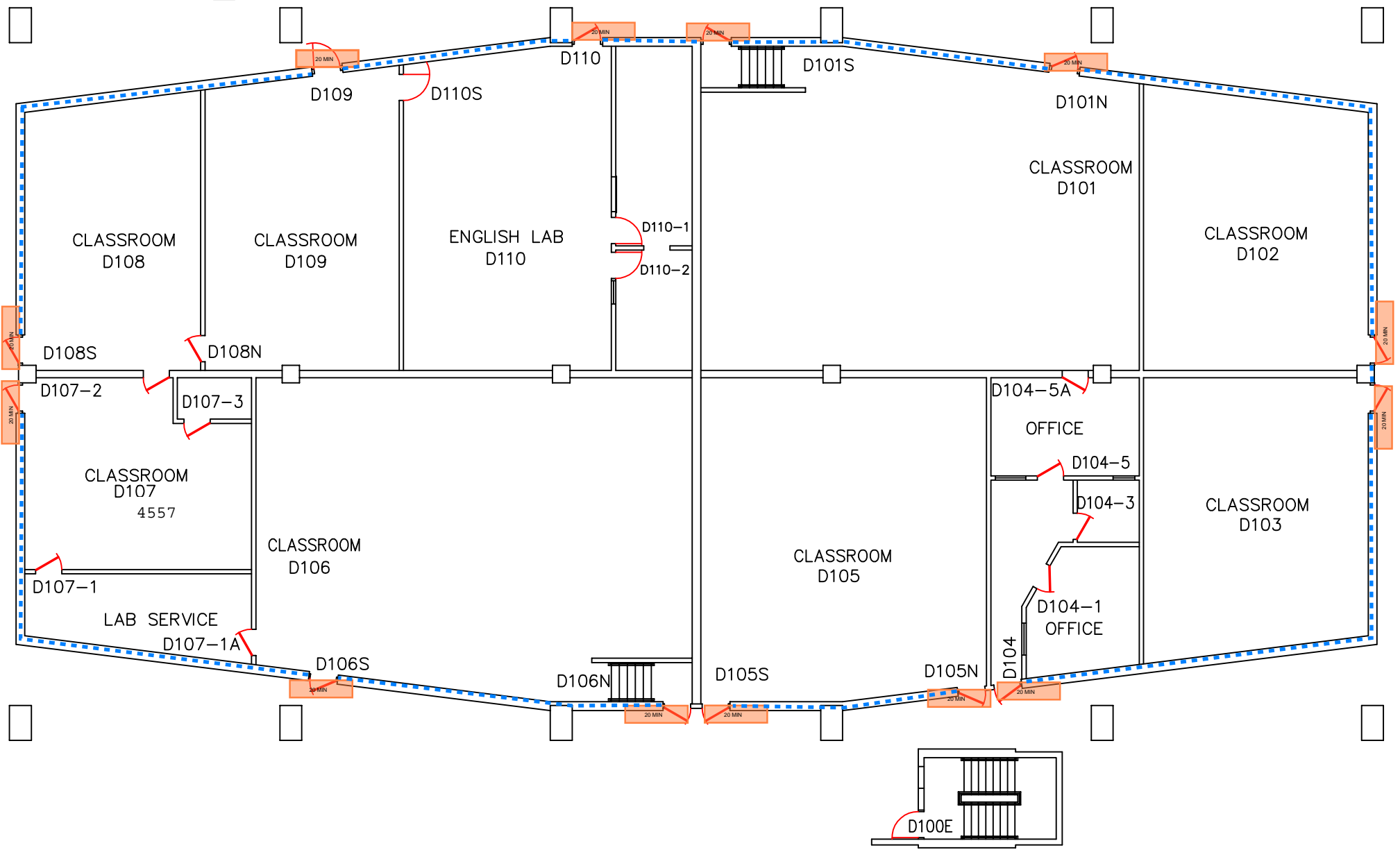
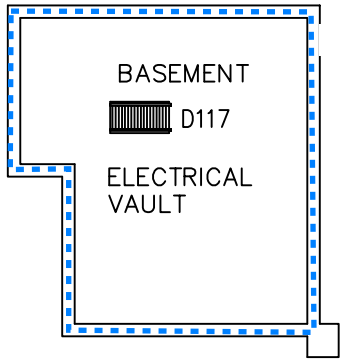


”C” BLDG 2ND FLOOR
HUMANITIES

"D" BLDG. DUNLAP HALL 1ST FLOOR

LEGEND

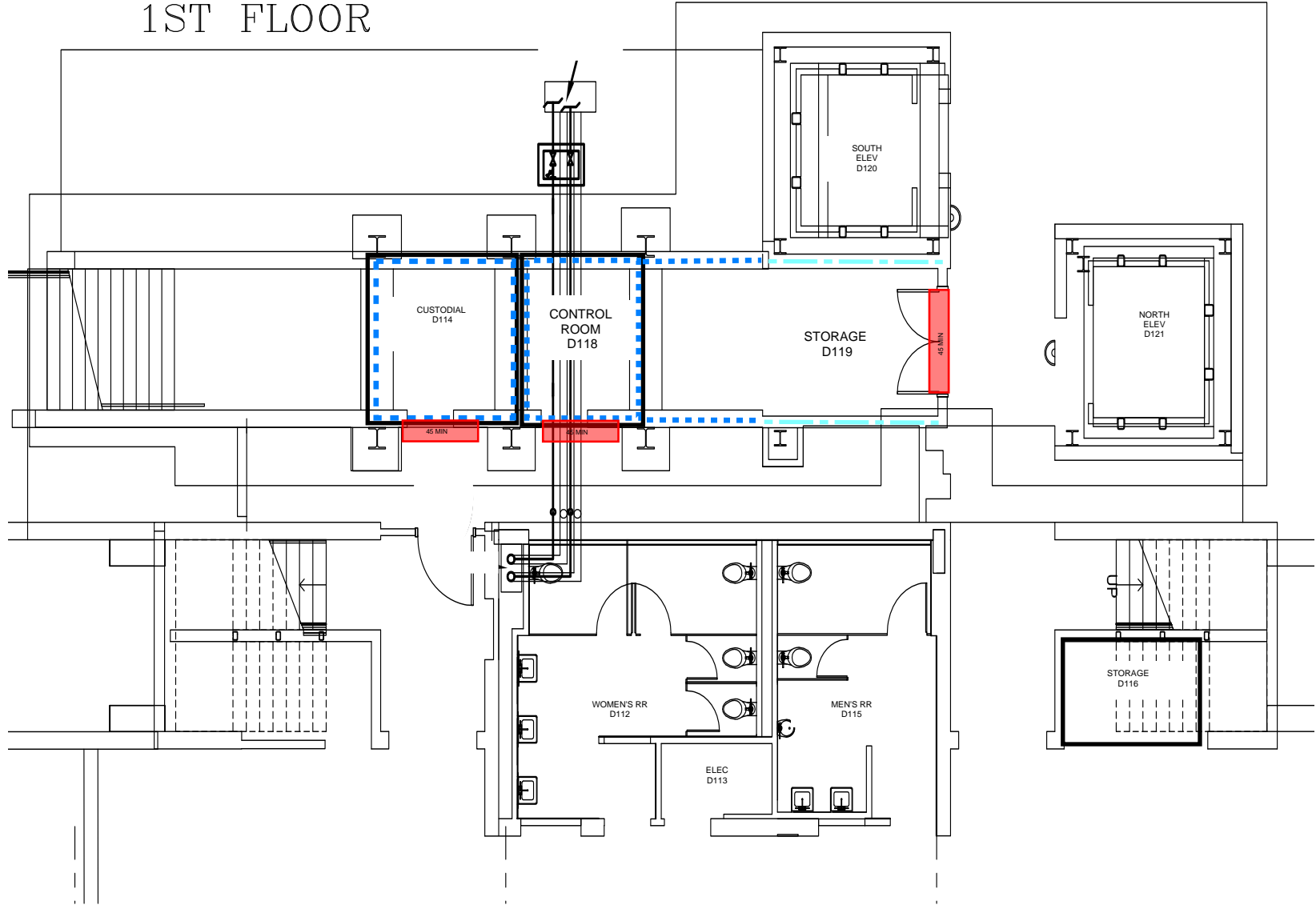
	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL



LEGEND

20 MIN	20 MIN RATED DOOR
45 MIN	45 MIN RATED DOOR
1 HR	1 HR FIRE RATED WALL
2 HR	2 HR FIRE RATED WALL

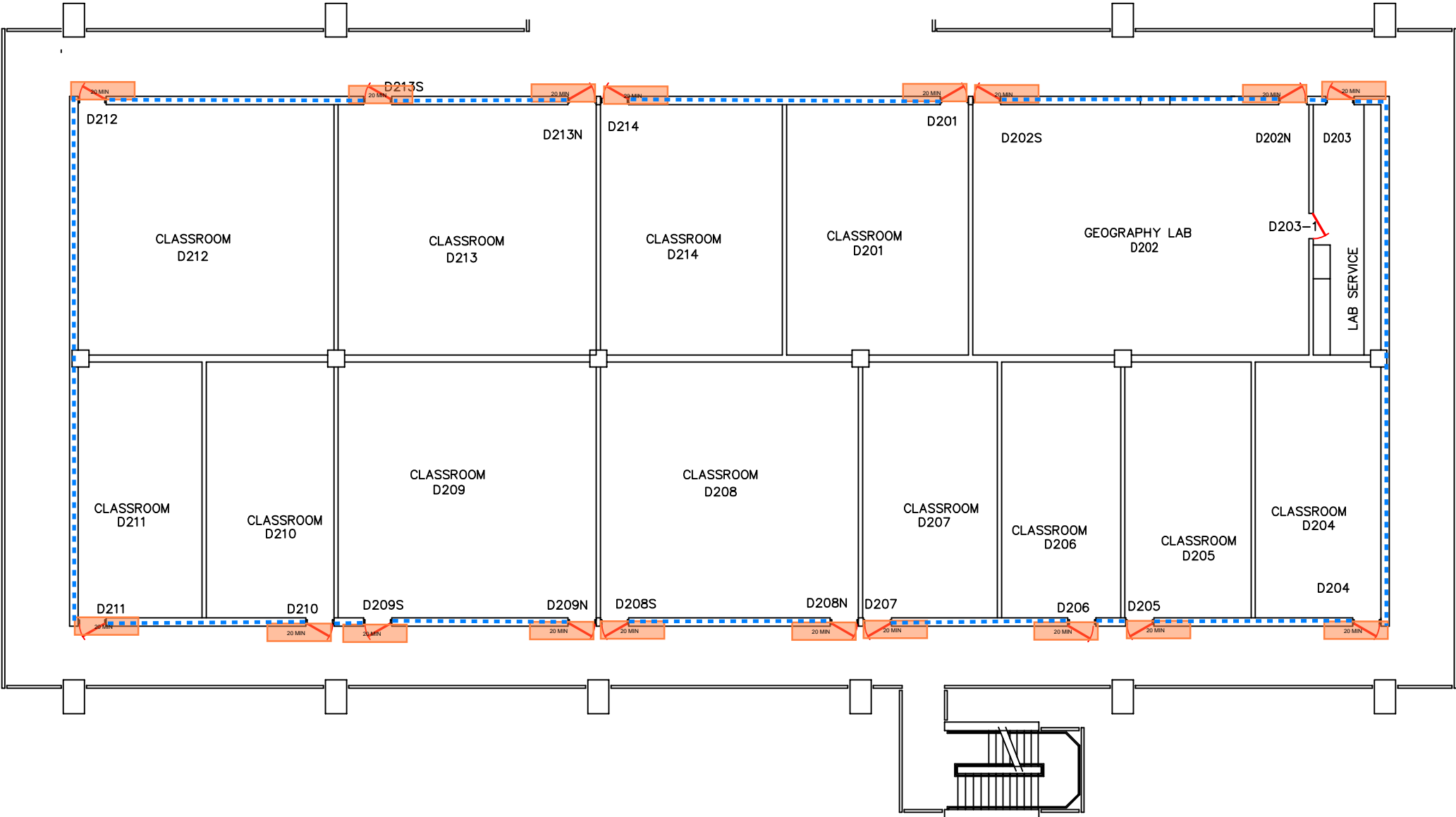
”D” BLDG.
DUNLAP HALL
ELEVATOR TOWER & RR
1ST FLOOR



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

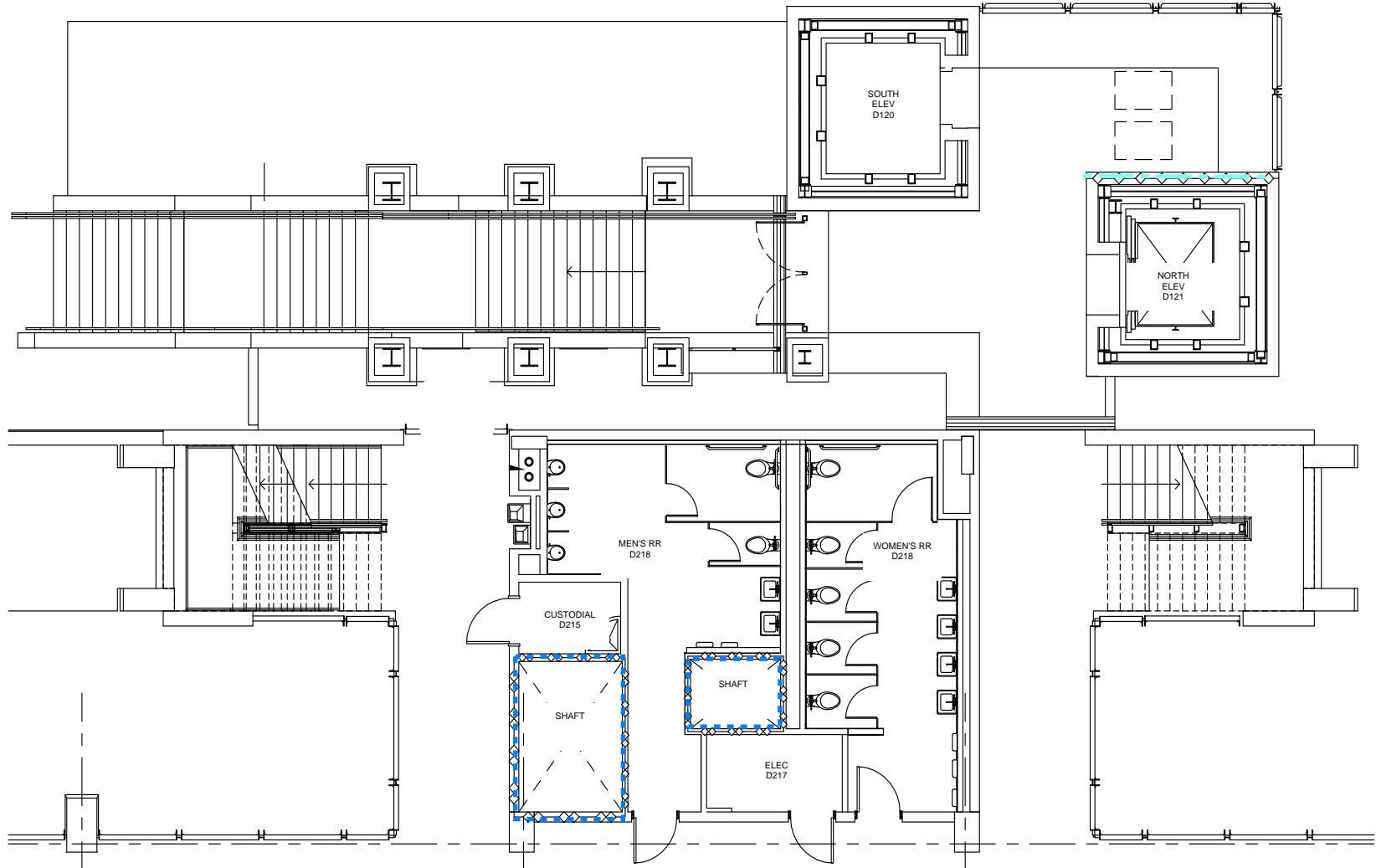
"D" BLDG.
DUNLAP HALL
2ND FLOOR






LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

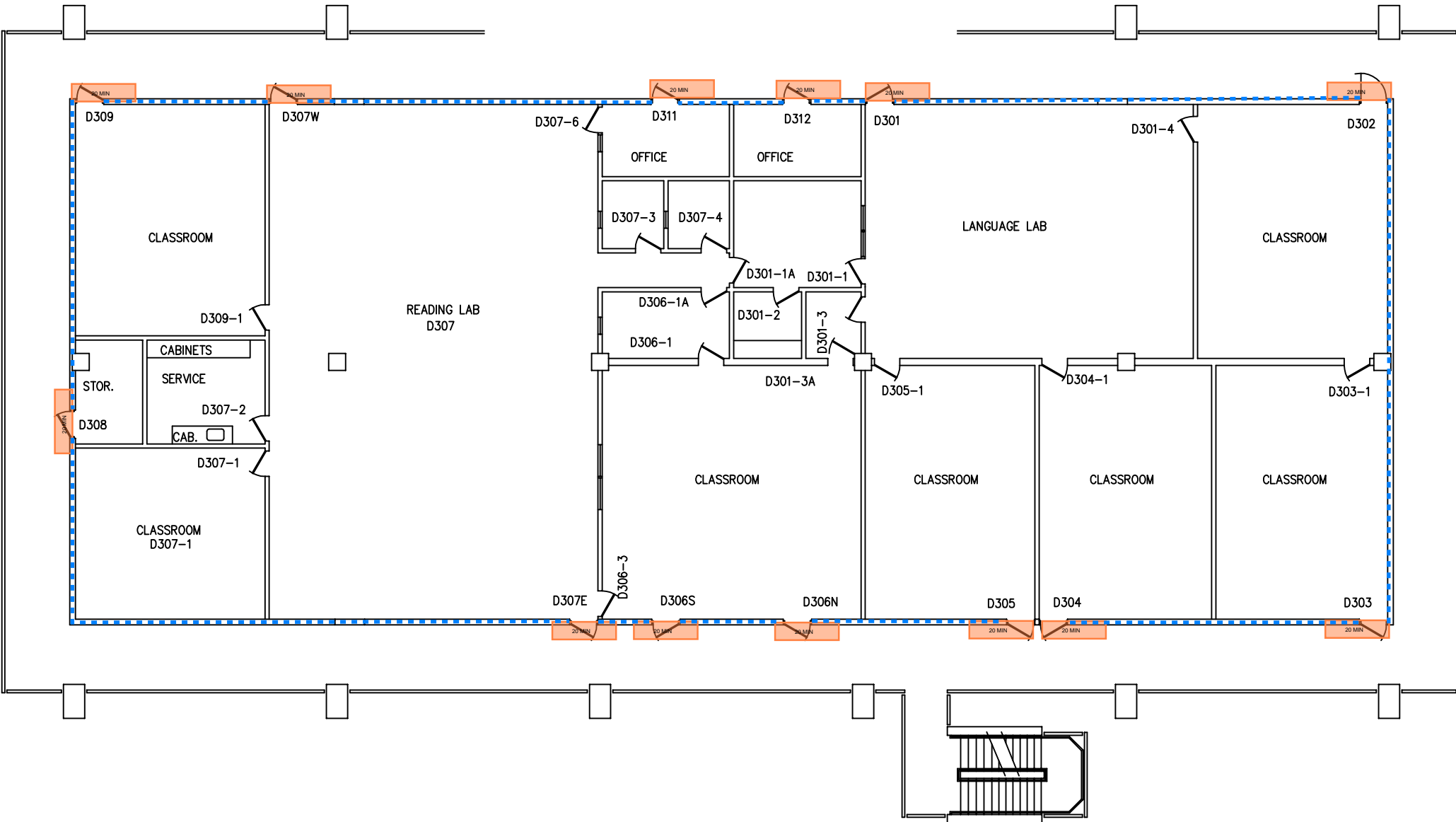
"D" BLDG. DUNLAP HALL ELEVATOR TOWER & RR 2ND FLOOR



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

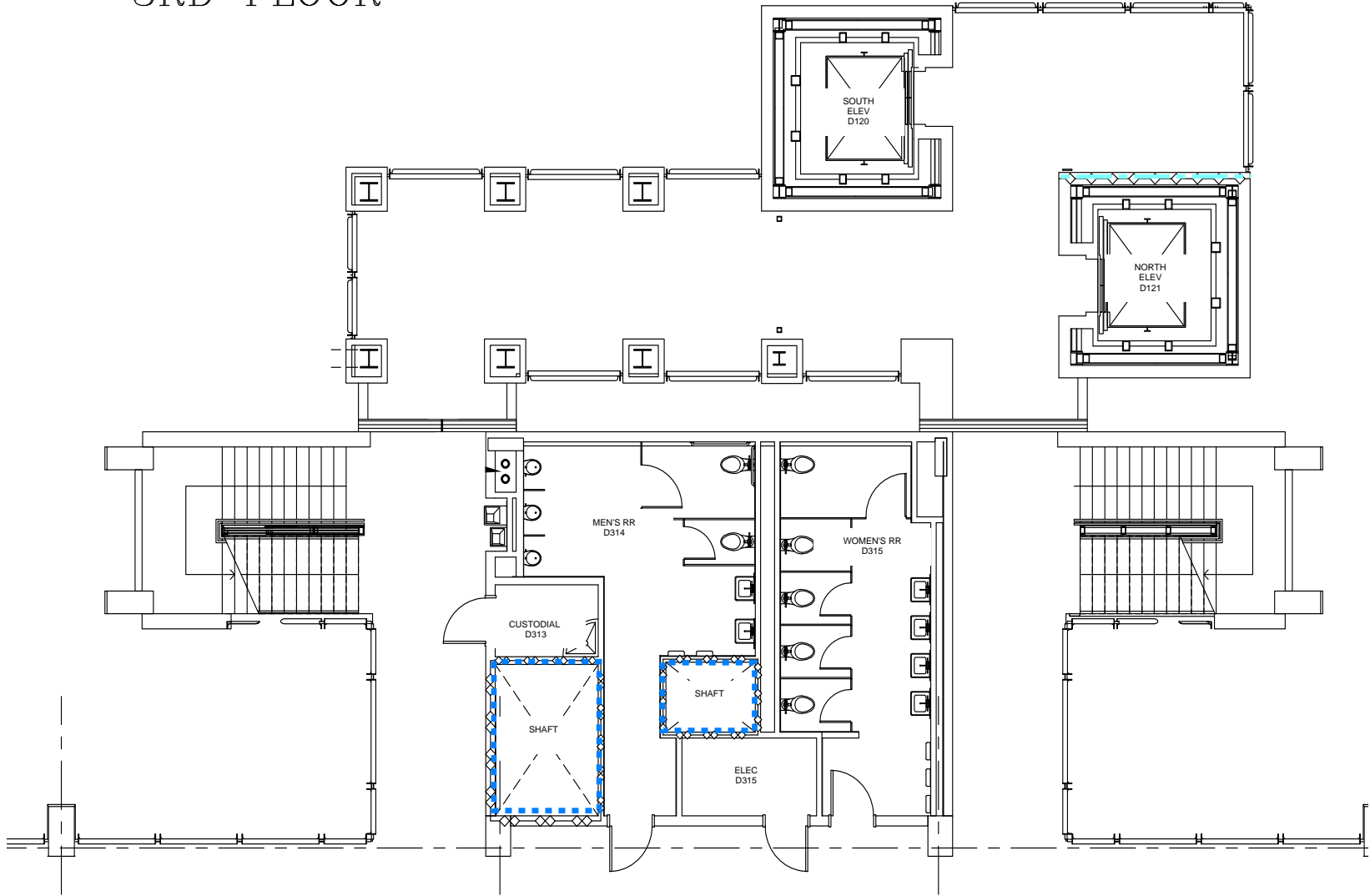
"D" BLDG. DUNLAP HALL 3RD FLOOR



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

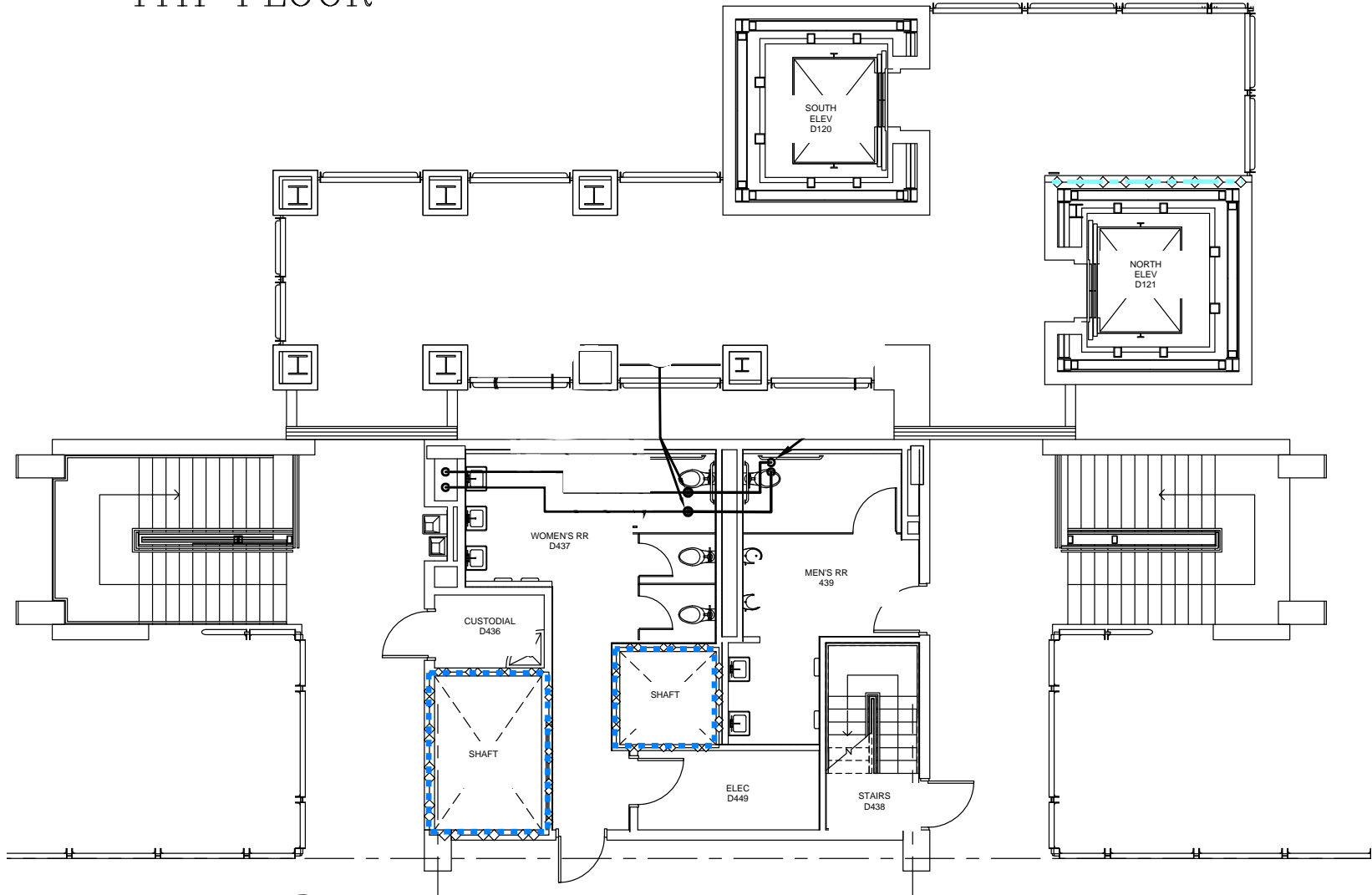
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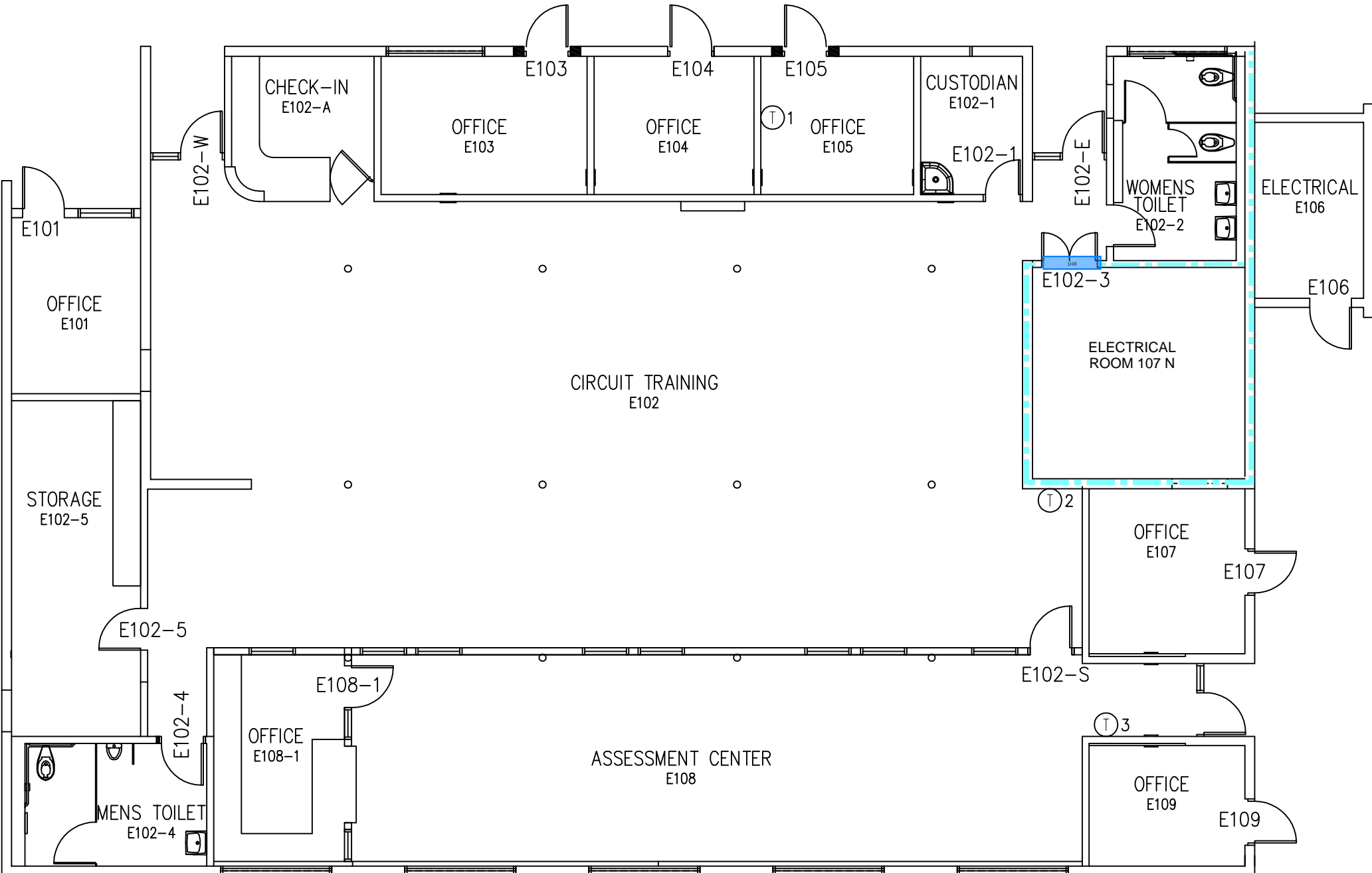


LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

”D” BLDG.
DUNLAP HALL
ELEVATOR TOWER & RR
4TH FLOOR



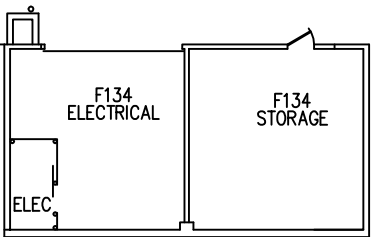


E BUILDING

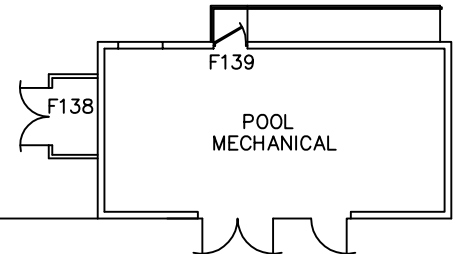
LEGEND

- 1 HR RATED DOOR
- 1 HR FIRE RATED WALL





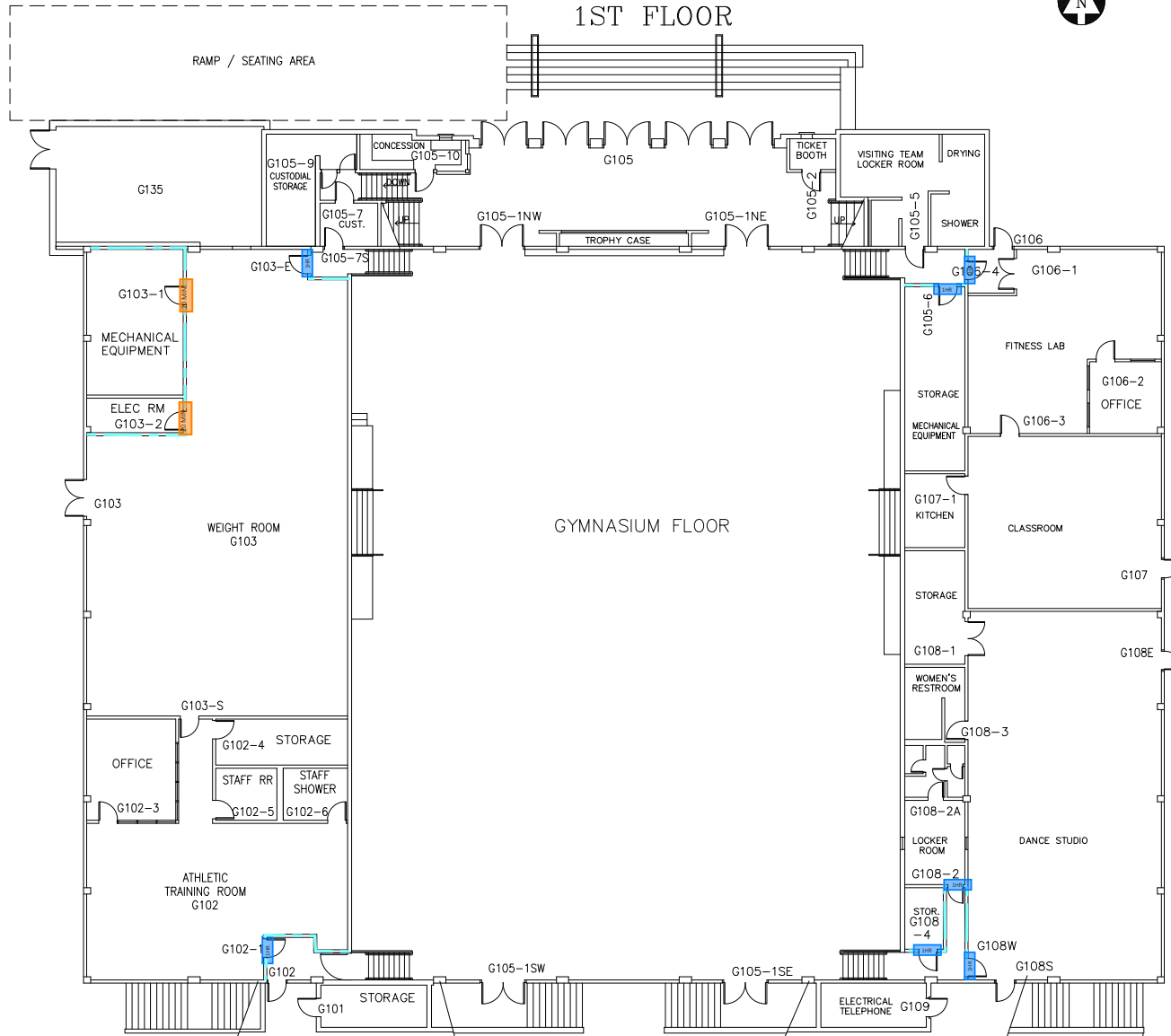
F BUILDING 
MEN'S & WOMEN'S LOCKER ROOM

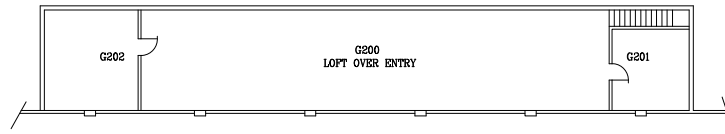


LEGEND

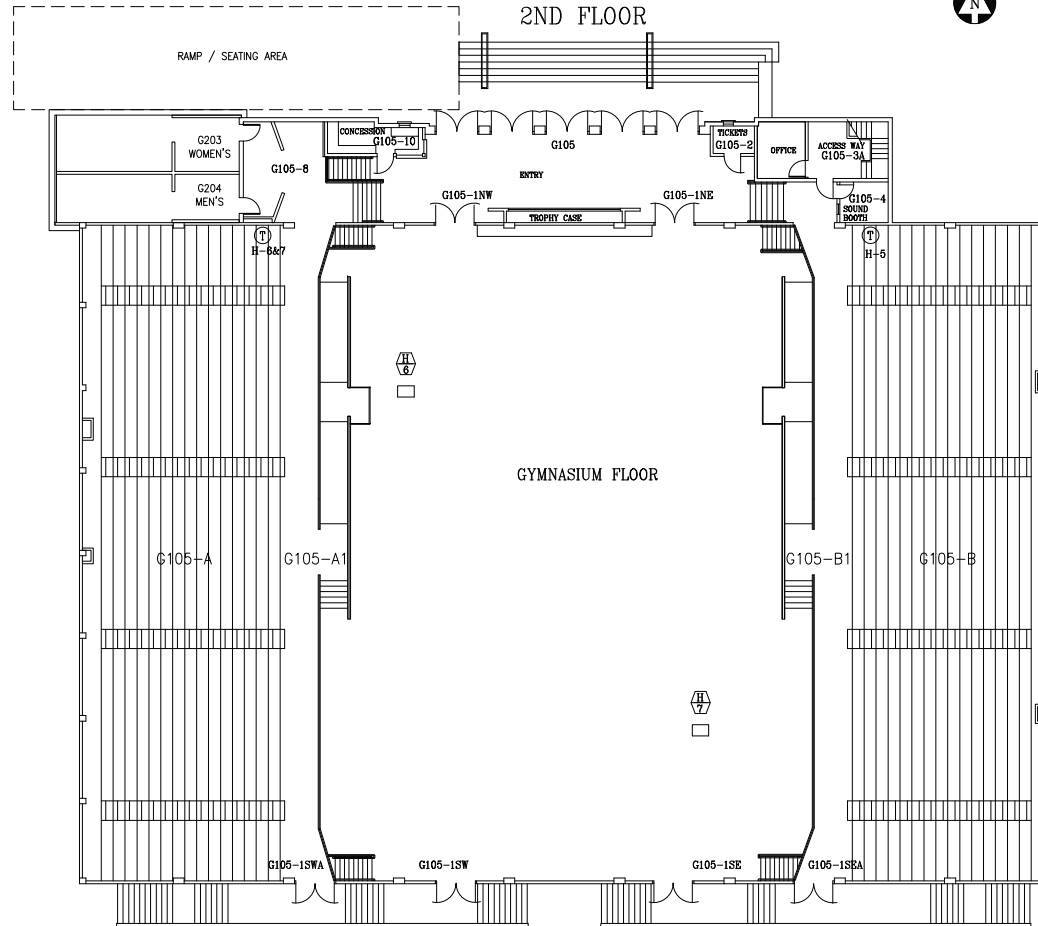
- 20 MIN 20 MIN RATED DOOR
- 1 HR 1 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL

"G" BLDG.
COOK GYMNASIUM
1ST FLOOR










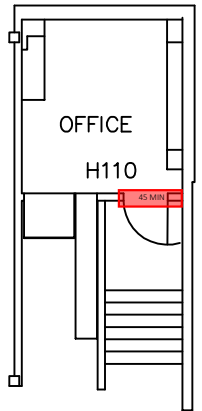
"G" BLDG.
COOK GYMNASIUM
2ND FLOOR



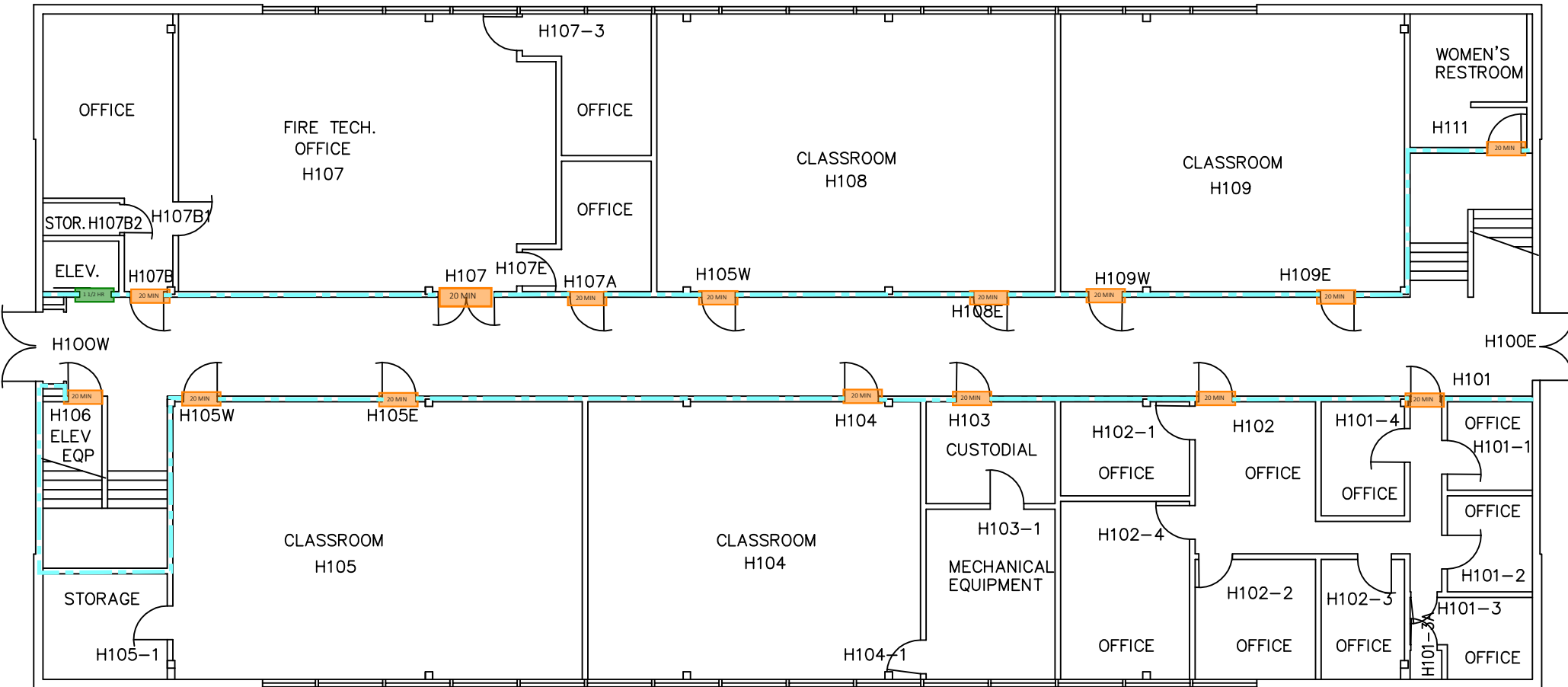
LEGEND




	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL

"H" BLDG.
HAMMOND HALL
1ST FLOOR

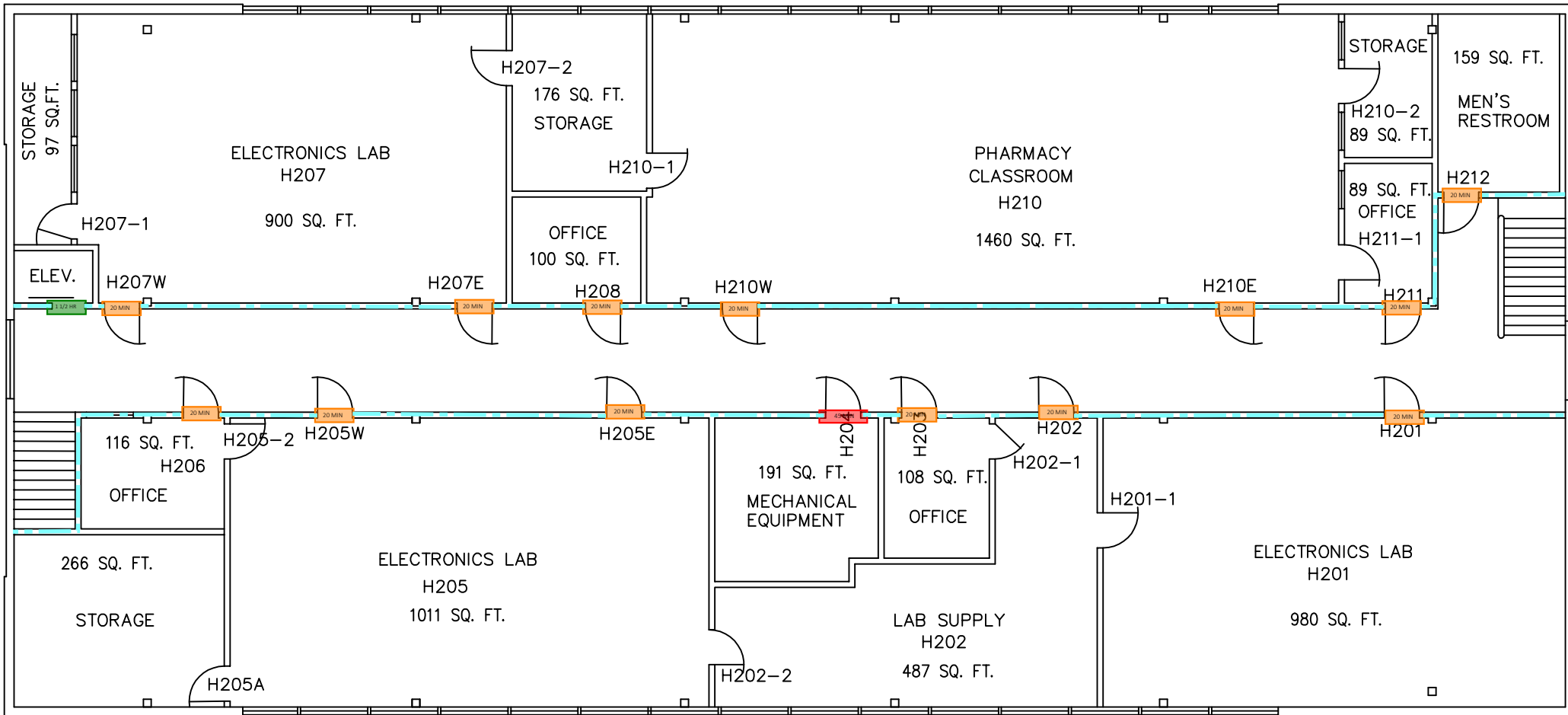


BASEMENT



LEGEND	
	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL




"H" BLDG.
HAMMOND HALL
2ND FLOOR
7867 sq ft

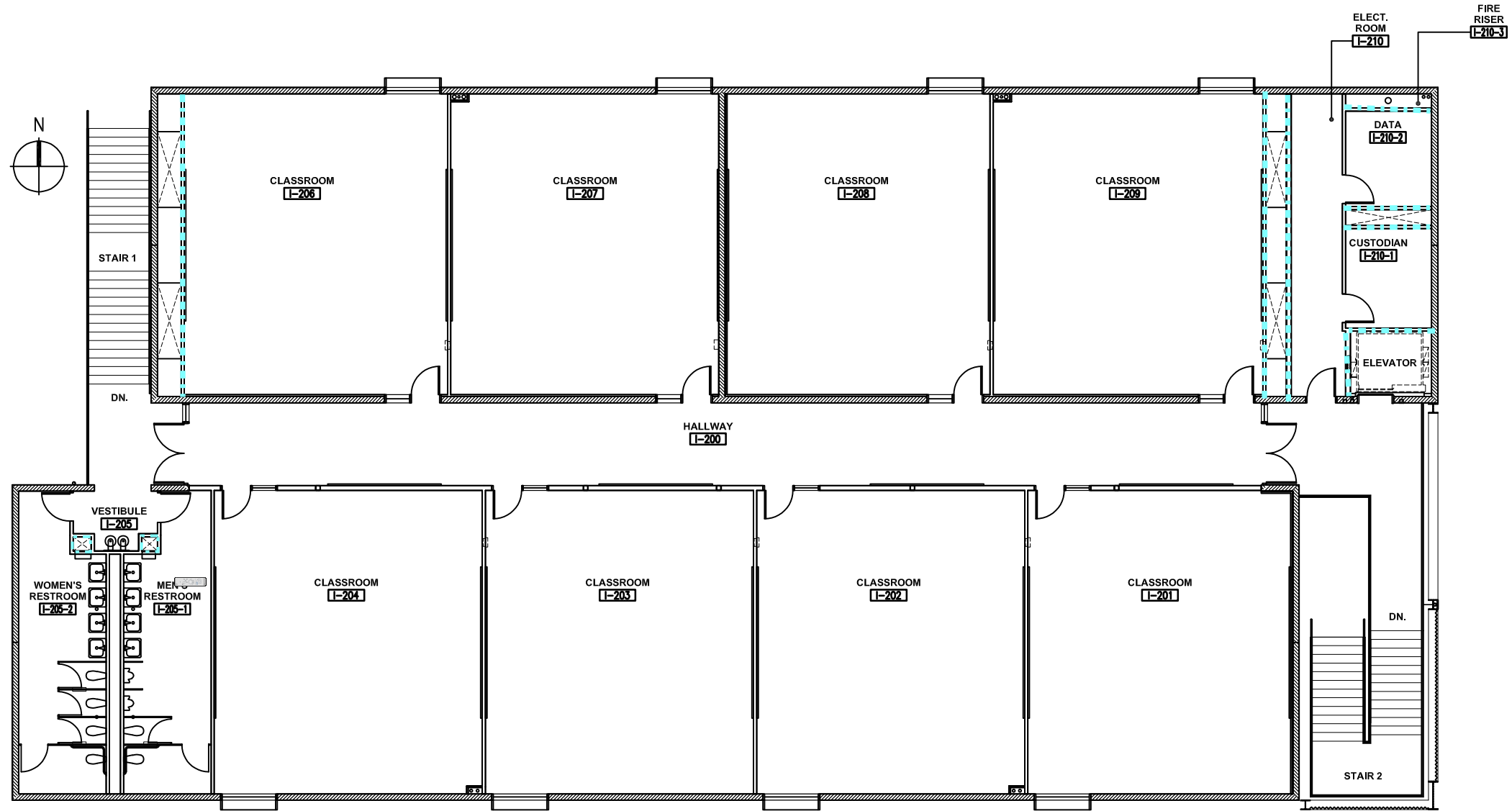




BUILDING I
 CLASSROOM BUILDING
 1st FLOOR

LEGEND

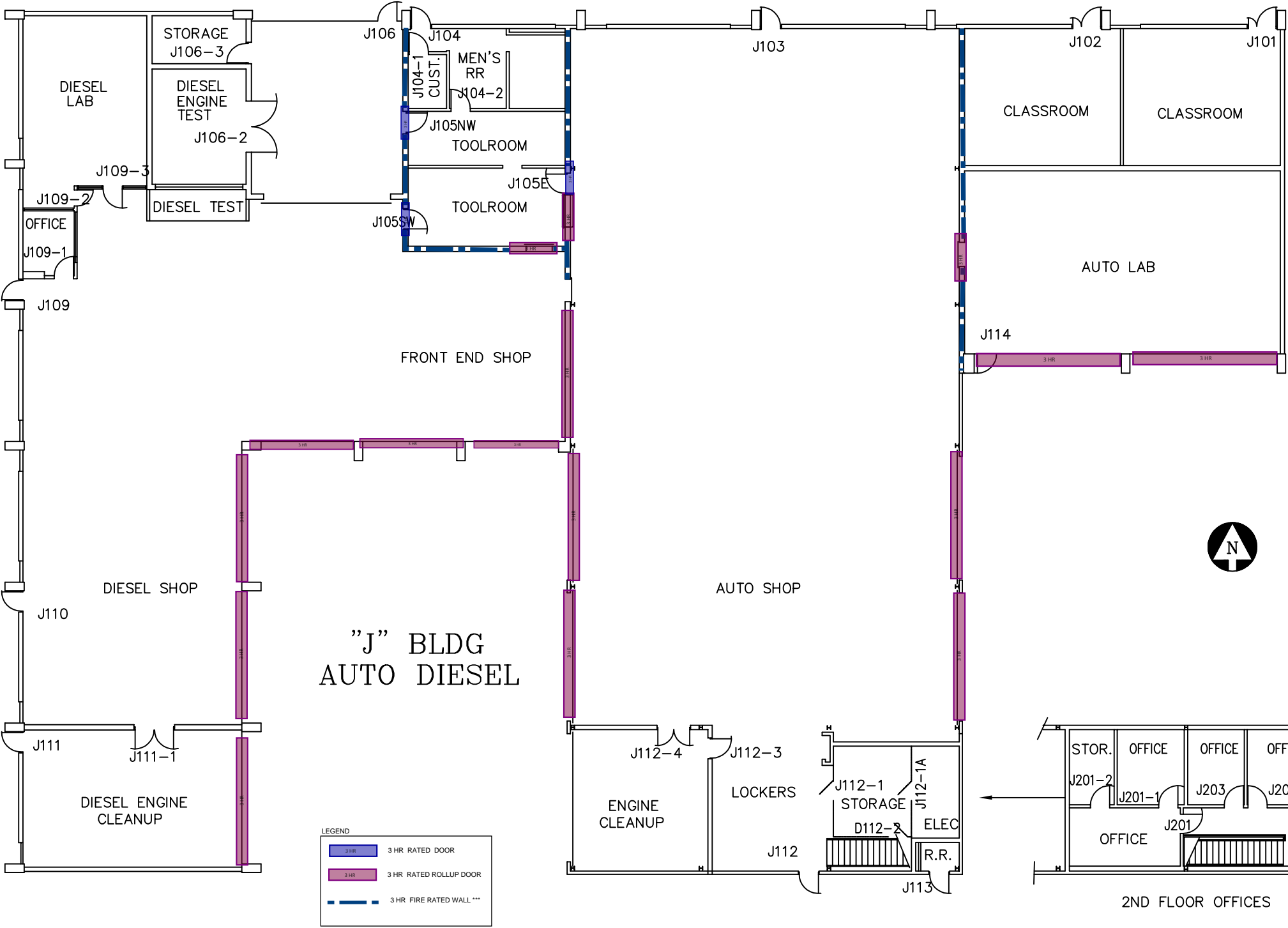
	20 MIN	20 MIN RATED DOOR
	1 1/2 HR	1 1/2 HR. RATED DOOR
		1 HR FIRE RATED WALL



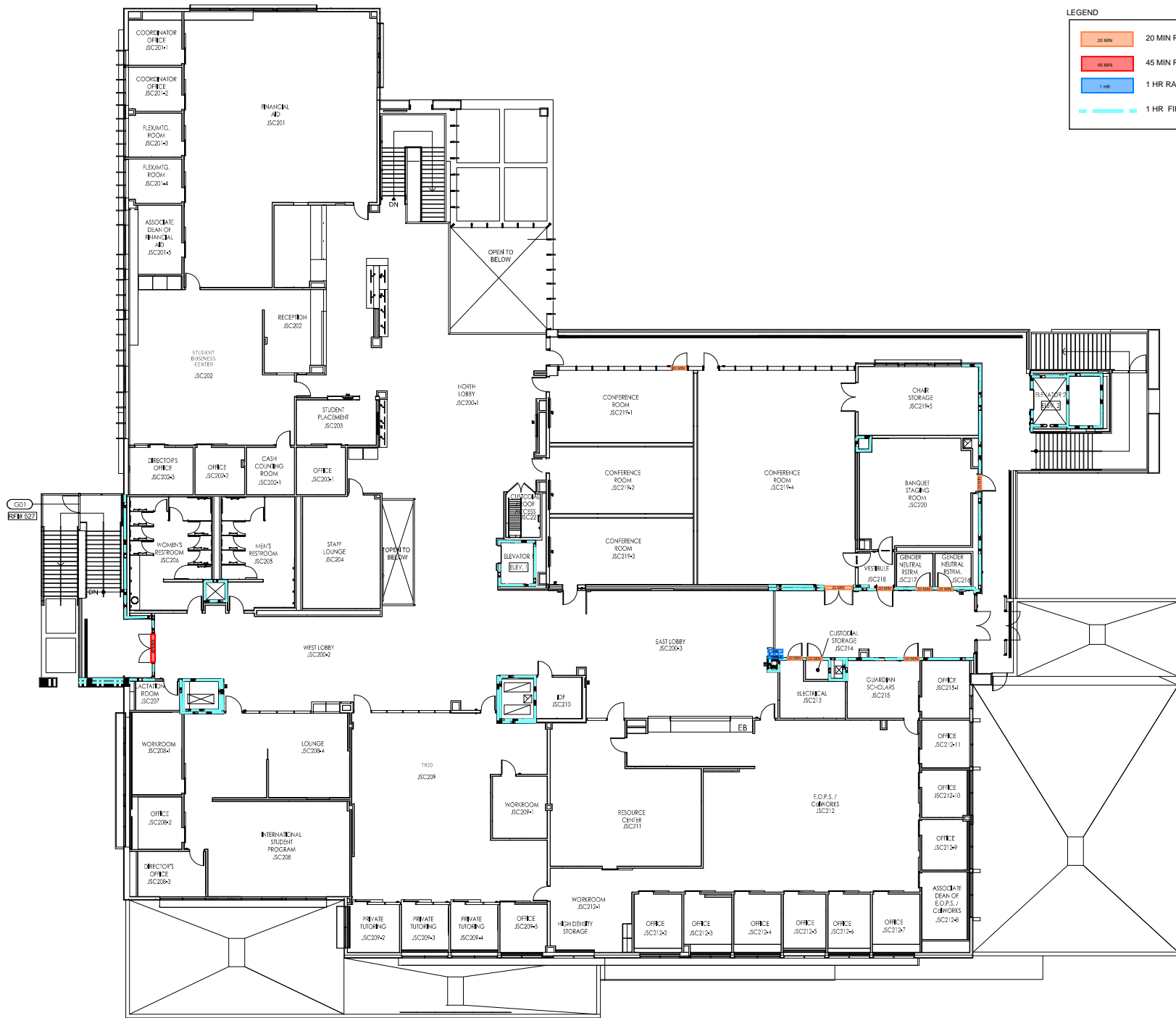
BUILDING I
CLASSROOM BUILDING
2nd FLOOR

LEGEND

 20 MIN	20 MIN RATED DOOR
 1 1/2 HR	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL



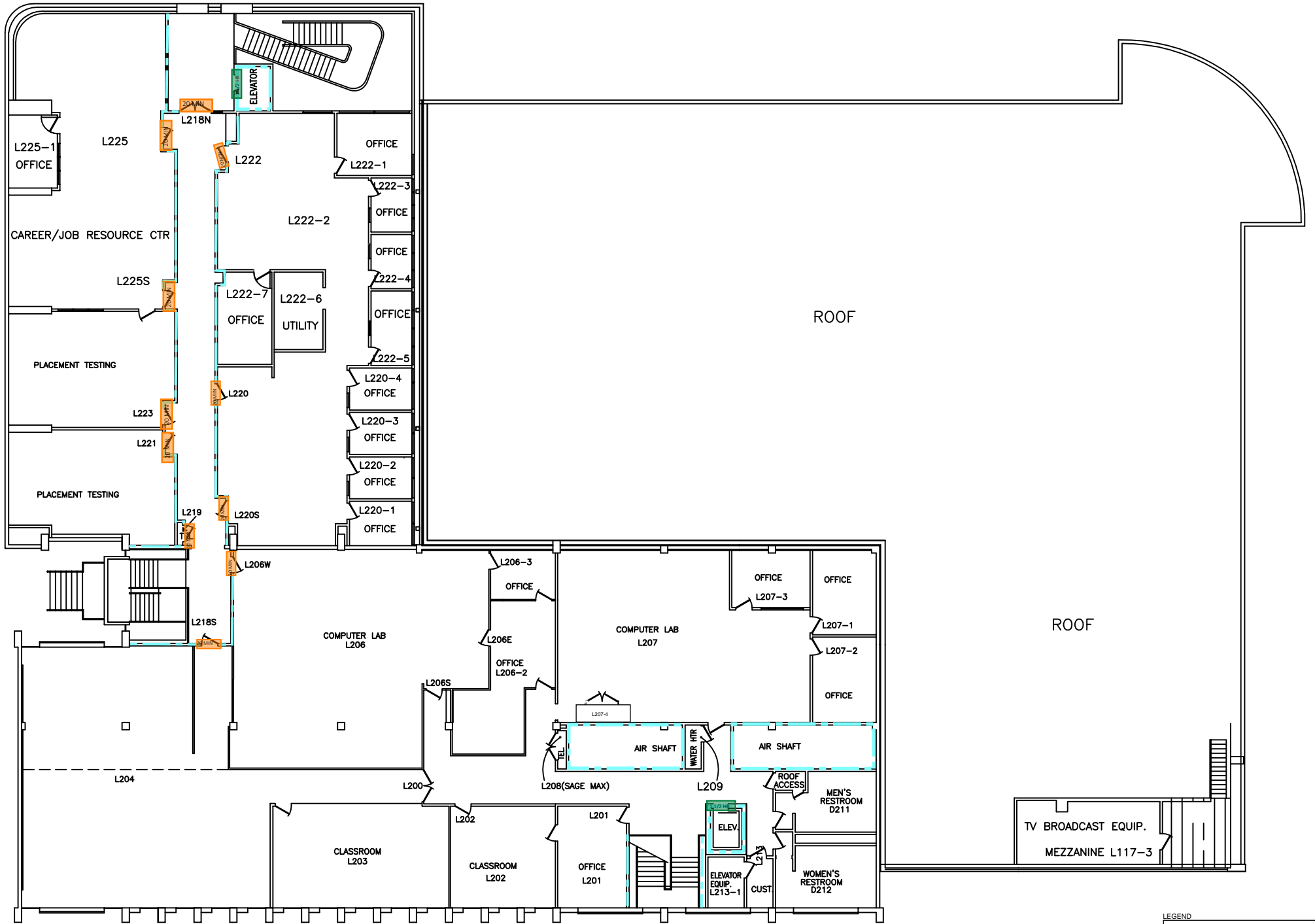
*** ACTUAL RATING NOT FOUND IN AS-BUILT. BASED ON TYPICAL RATING FROM FOR CMU WALLS



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL








"L" BLDG. NEALLEY LIBRARY


2ND FLOOR

LEGEND

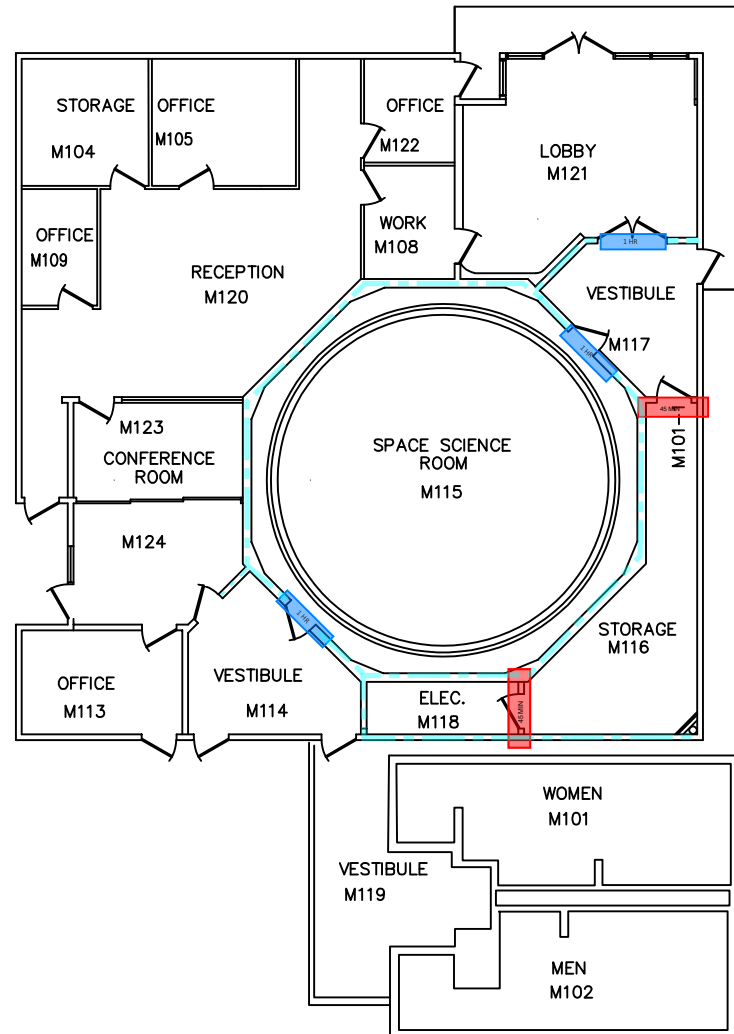
	20 MIN	20 MIN RATED DOOR
	1 1/2 HR	1 1/2 HR RATED DOOR
		1 HR FIRE RATED WALL



LEGEND

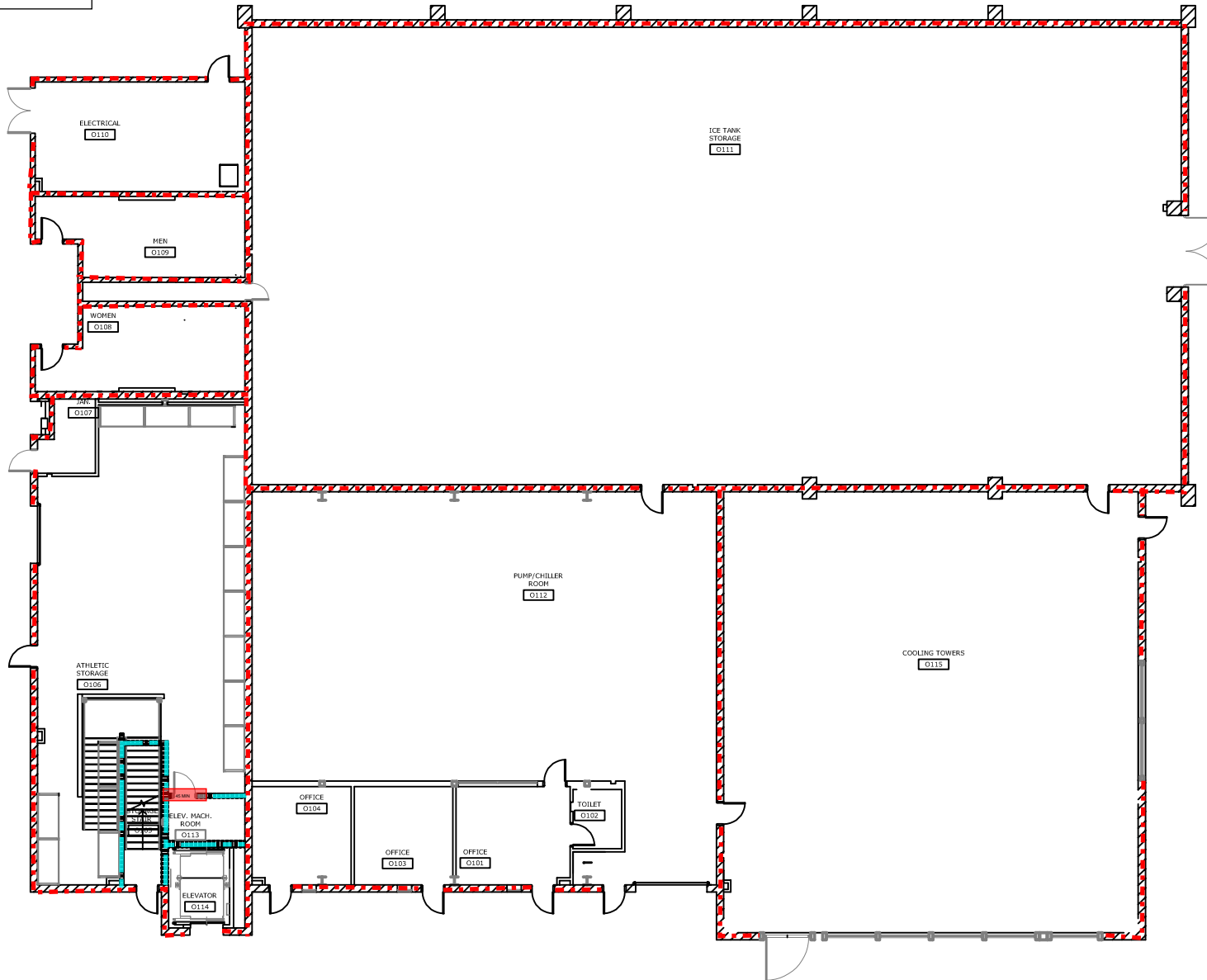
	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

"M" BLDG. 
TESSMANN PLANETARIUM



LEGEND

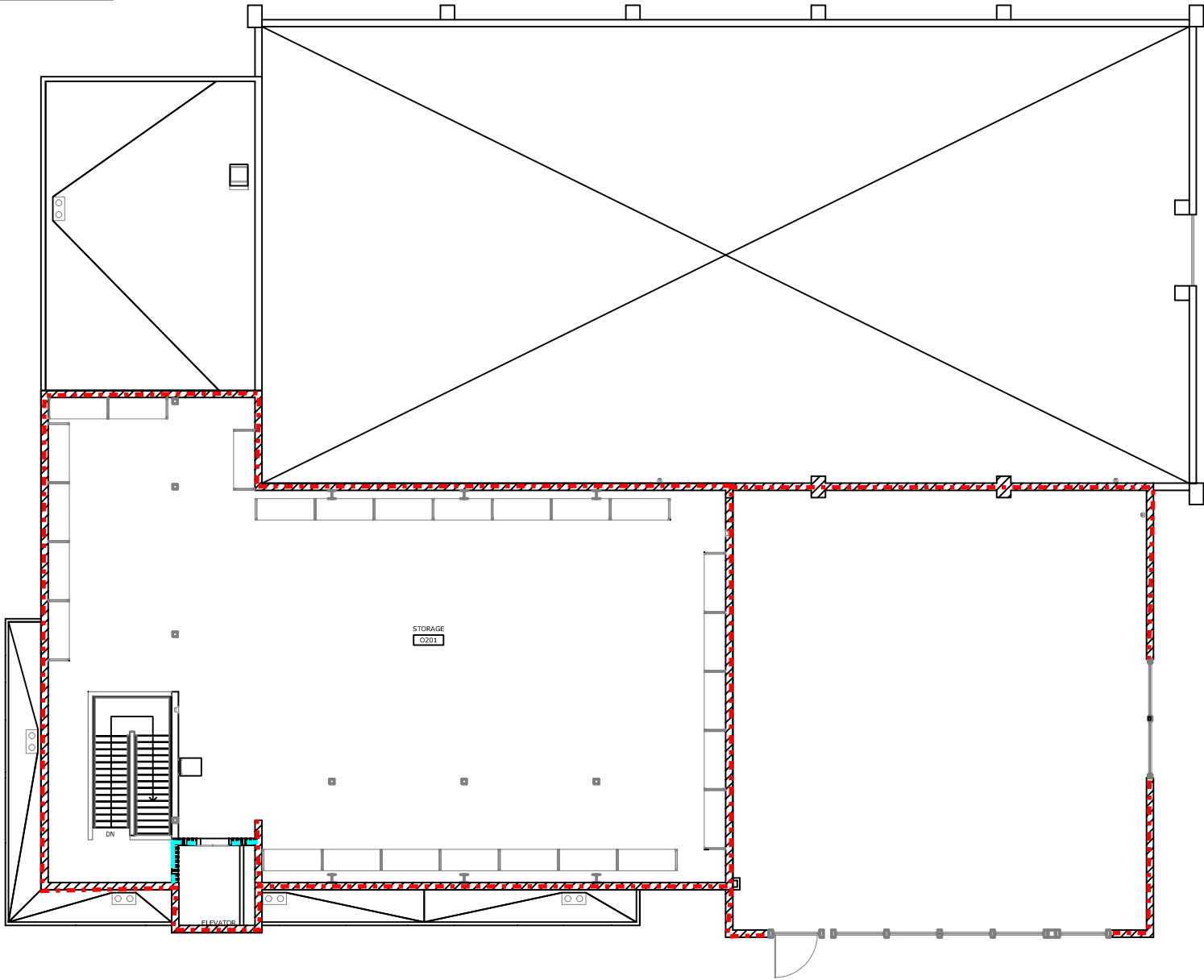
- 45 MIN 45 MIN RATED DOOR
- 1 HR FIRE RATED WALL
- 4 HR FIRE RATED WALL



"O" BLDG.
CENTRAL PLANT
FIRST FLOOR PLAN




LEGEND

	45 MIN RATED DOOR
	1 HR FIRE RATED WALL
	4 HR FIRE RATED WALL

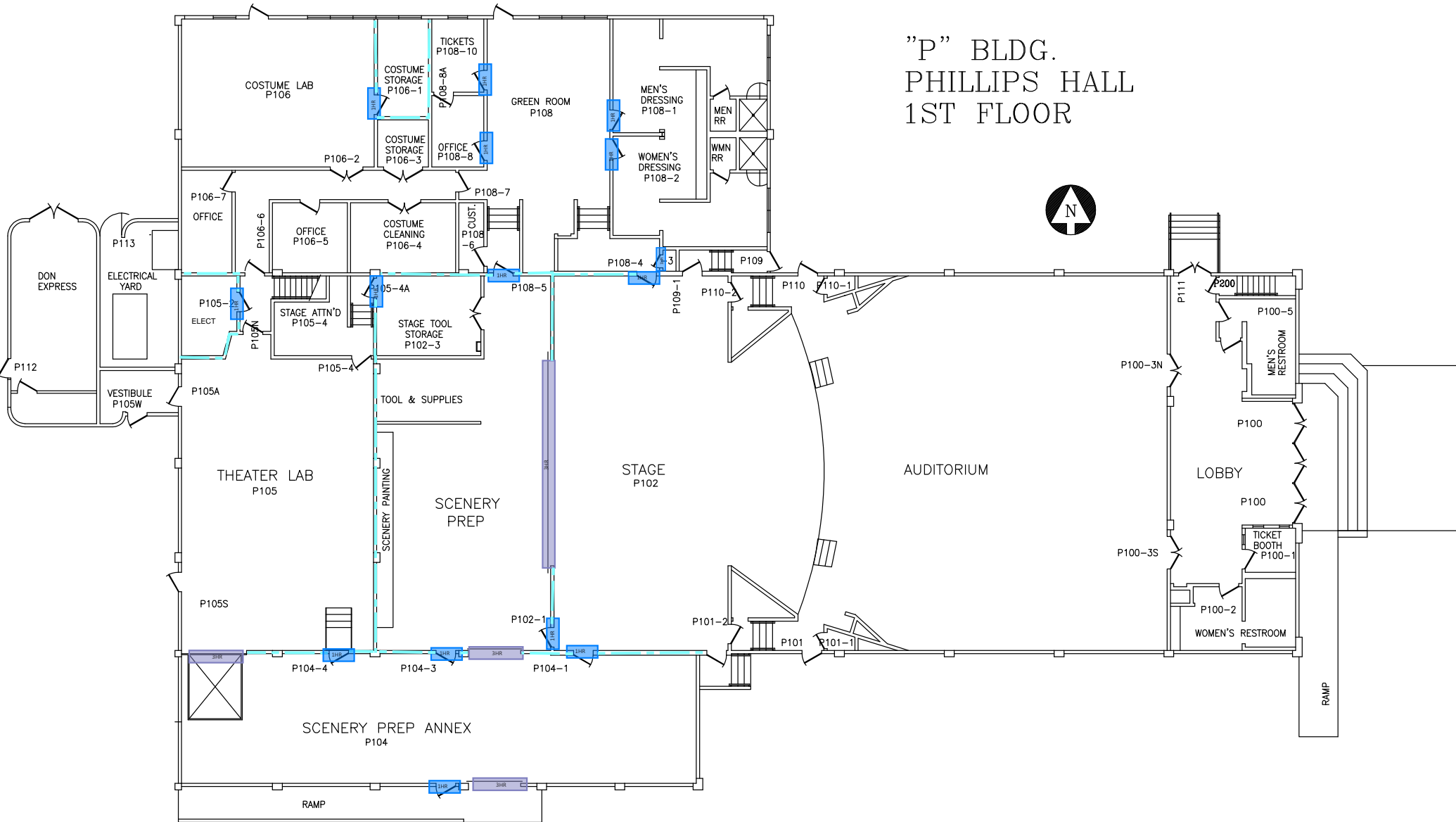


"0" BLDG. 
CENTRAL PLANT
SECOND FLOOR PLAN

LEGEND

-  1 HR RATED DOOR
-  3 HR RATED ROLLUP DOOR
-  1 HR FIRE RATED WALL

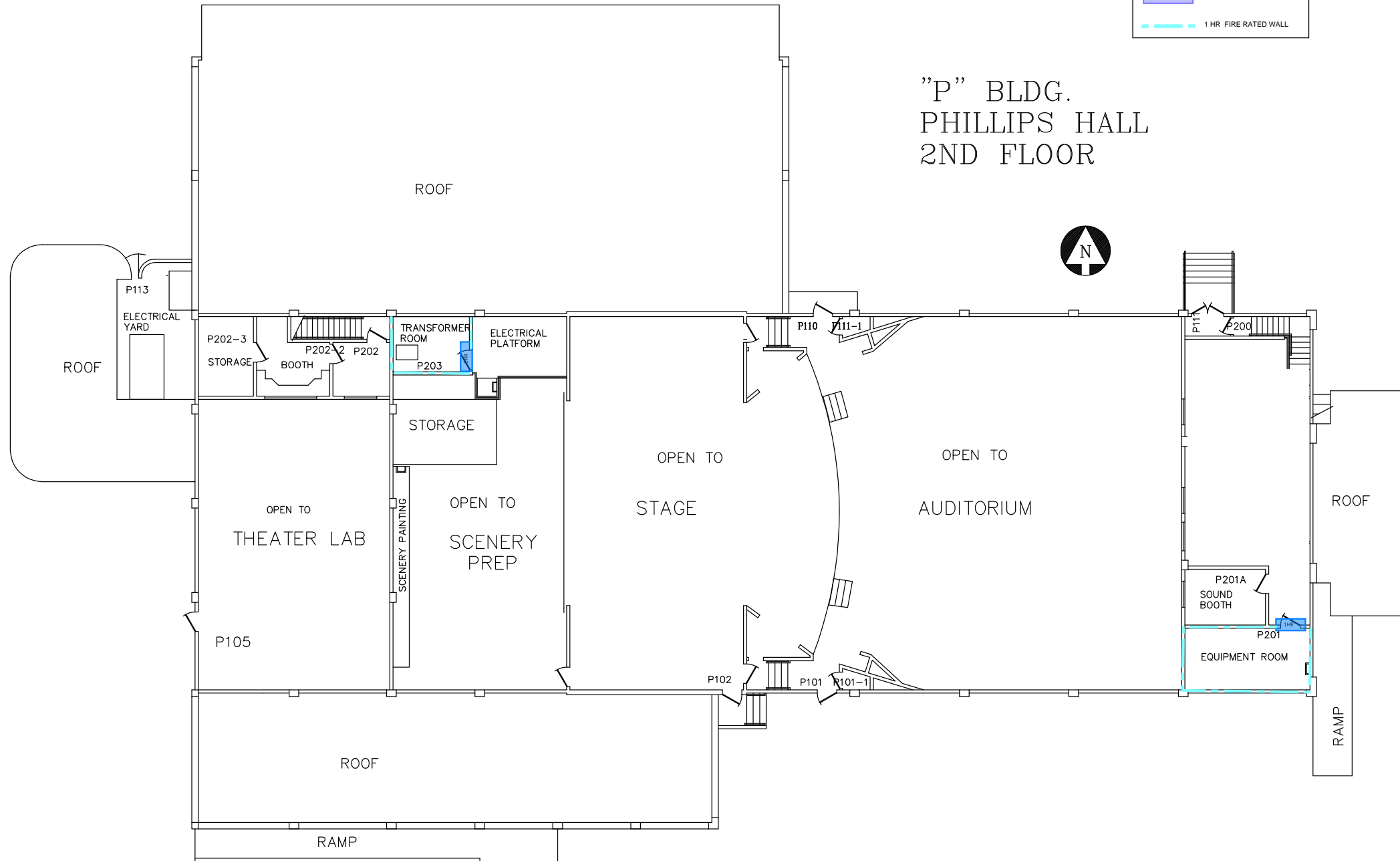
"P" BLDG.
PHILLIPS HALL
1ST FLOOR



LEGEND

1HR	1 HR RATED DOOR
3HR	3 HR RATED ROLLUP DOOR
1HR	1 HR FIRE RATED WALL

"P" BLDG.
PHILLIPS HALL
2ND FLOOR

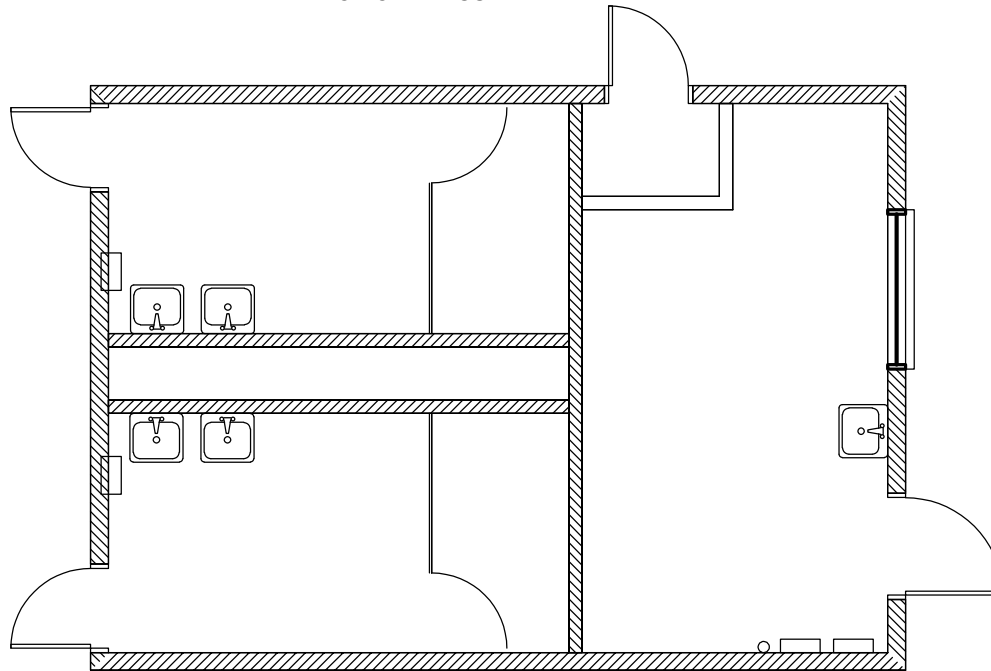


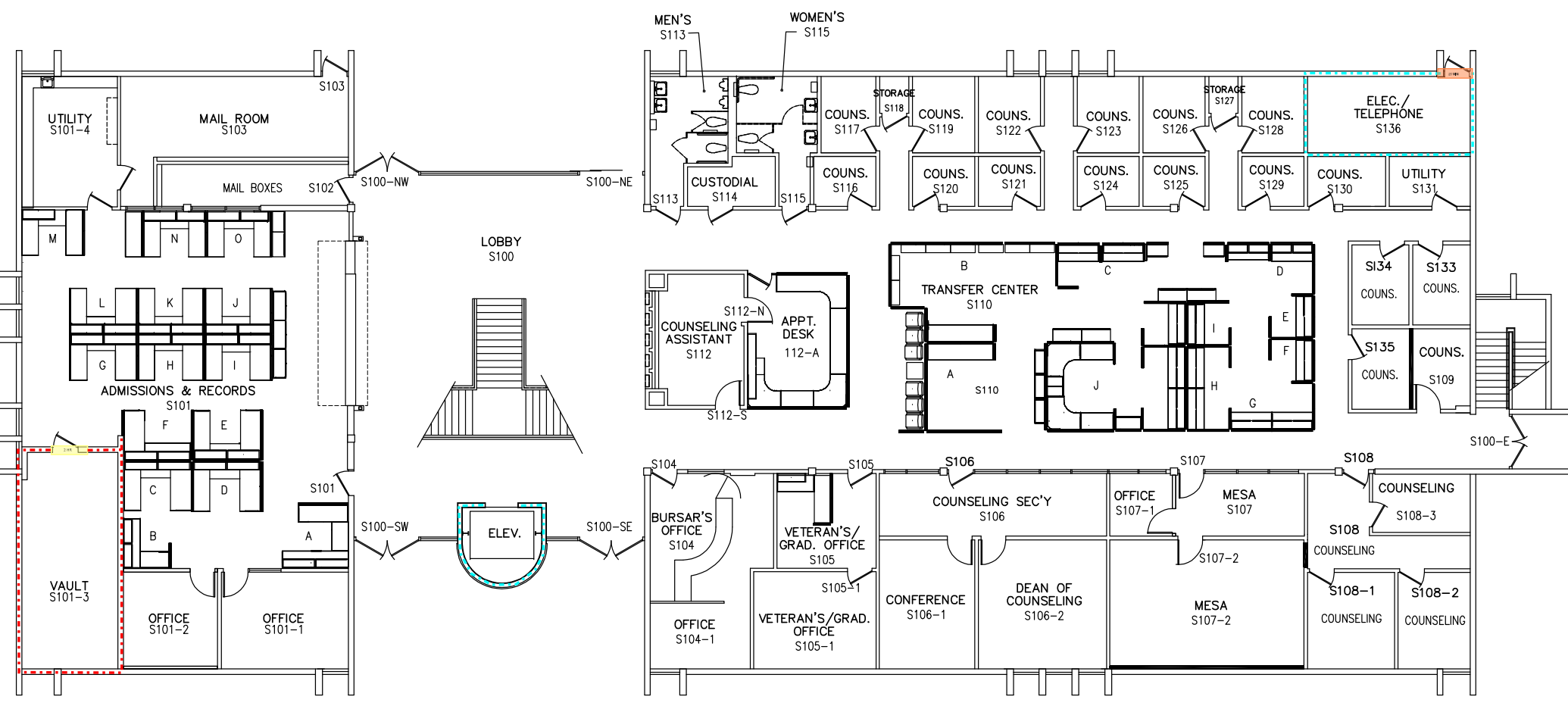


”Q” BLDG.
SPORTS CONCESSION
1ST FLOOR

20 MIN	20 MIN RATED DOOR
1 1/2 HR	1 1/2 HR FIRE RATED WALL
1 HR	1 HR FIRE RATED WALL

NO FIRE RATED ASSEMBLIES
OR OPENINGS





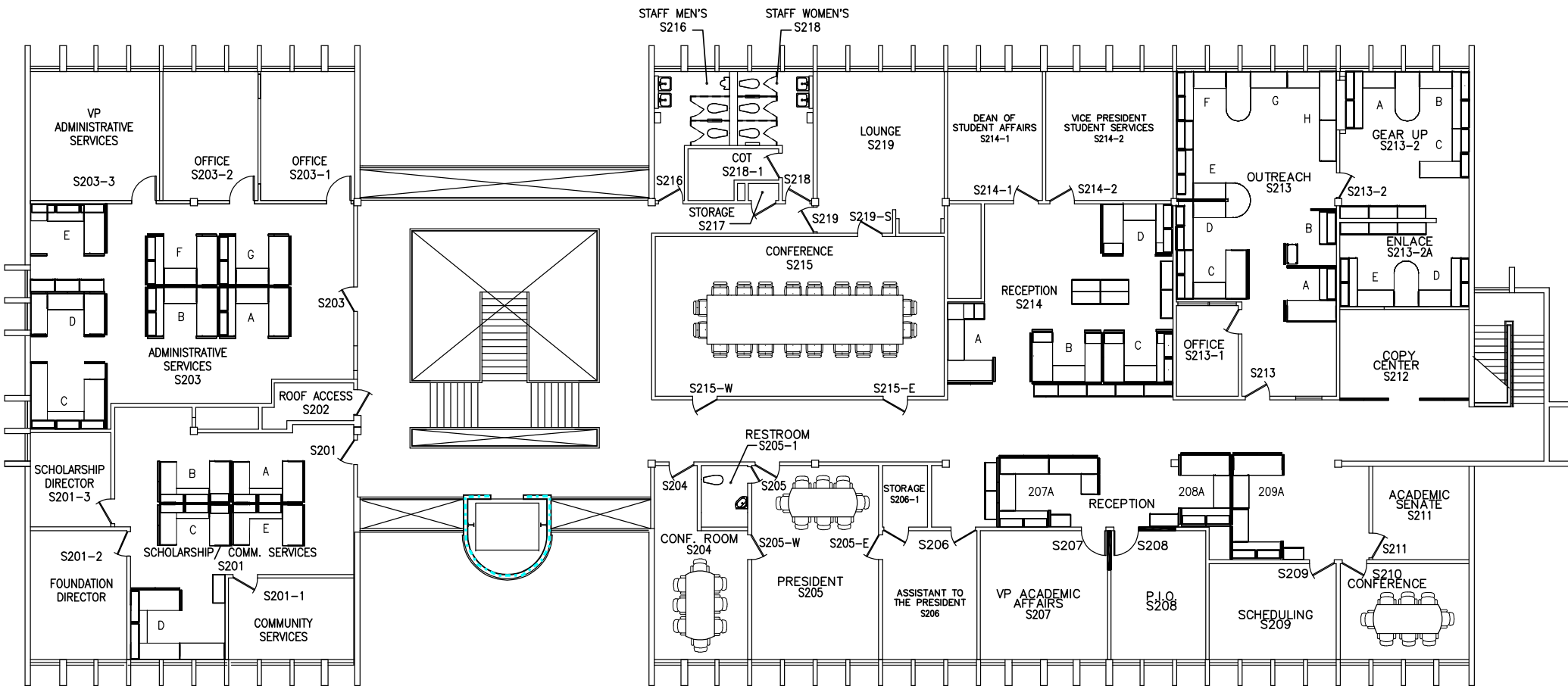
**"S" BLDG. ADMINISTRATION
1ST FLOOR**



CBC 601	2. HOURLY RATINGS	
	A. STRUCTURAL FRAME (COLUMNS & PRIMARY BEAMS)	1 HR.
	B. FLOOR DECKS	1 HR.
	C. SECONDARY BEAMS @ FLOORS	1 HR.
	D. ROOF DECK	1 HR.
	E. SECONDARY BEAMS @ ROOF	1 HR.

LEGEND

- 20 MIN. RATED DOOR
- 2 HR. RATED DOOR
- 1 HR. FIRE RATED WALL
- 4 HR. FIRE RATED WALL







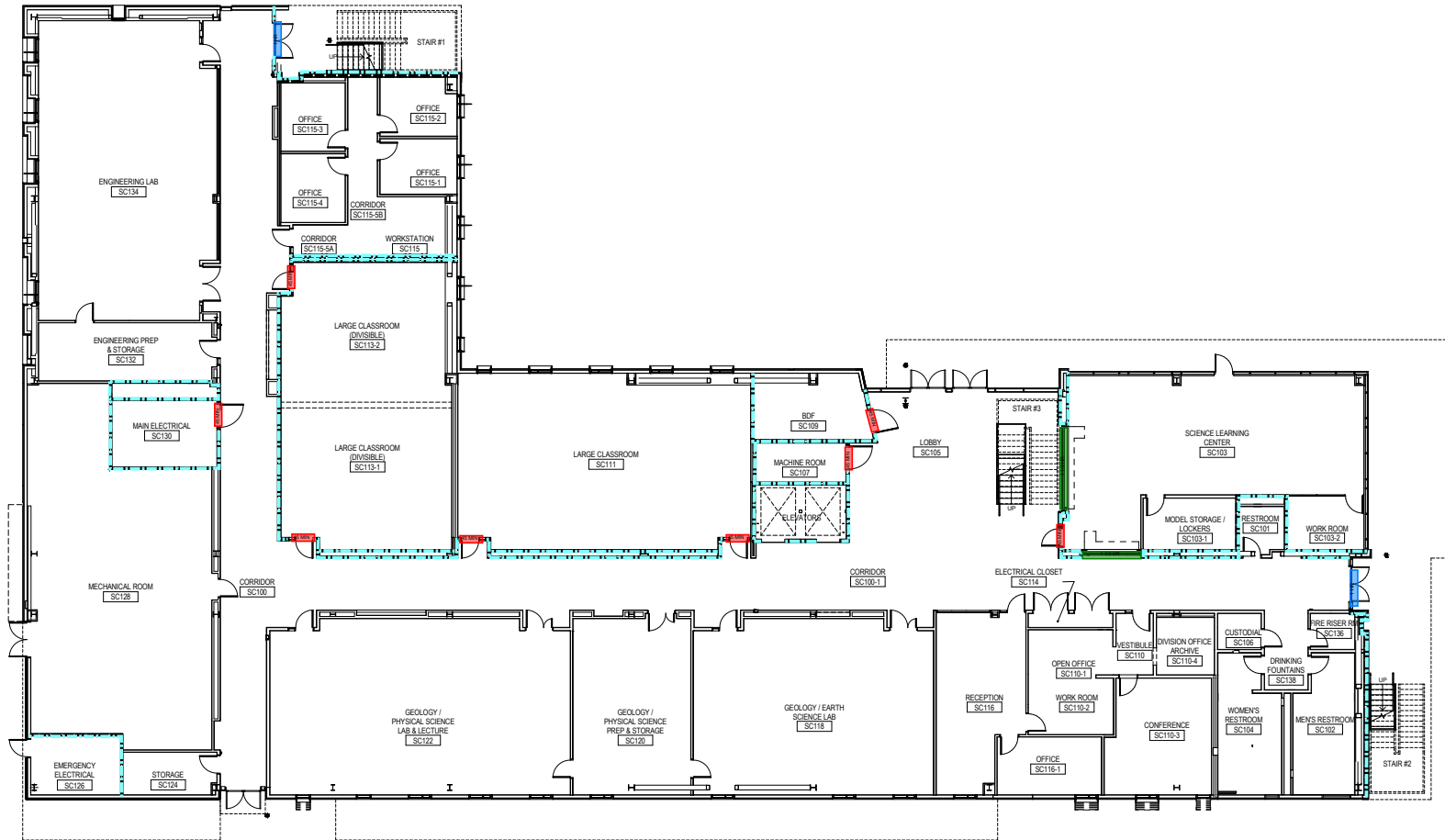
"S" BUILDING ADMINISTRATION
2nd FLOOR



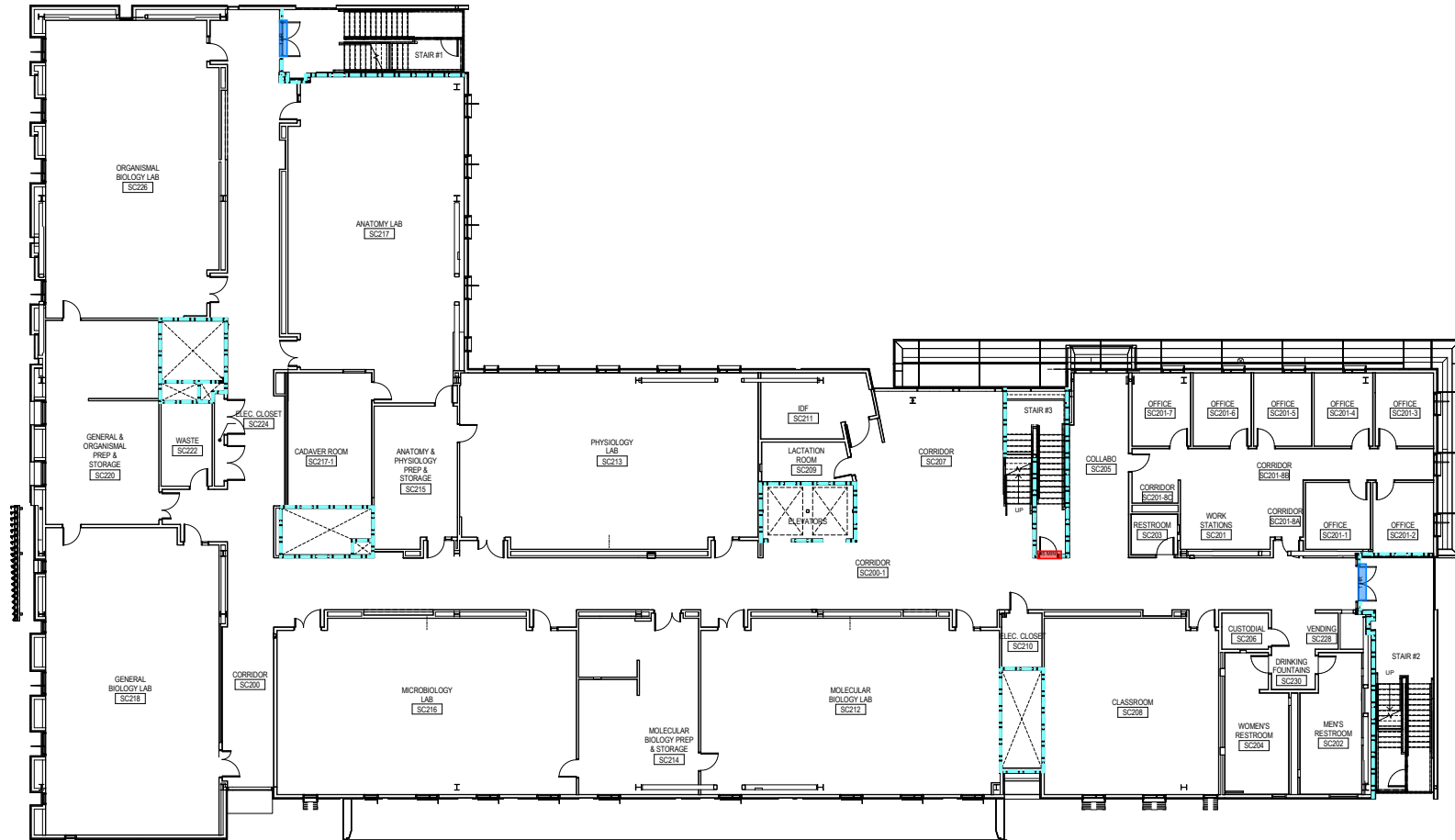
CBC 601	2. HOURLY RATINGS	
	A. STRUCTURAL FRAME (COLUMNS & PRIMARY BEAMS)	1 HR.
	B. FLOOR DECKS	1 HR.
	C. SECONDARY BEAMS @ FLOORS	1 HR.
	D. ROOF DECK	1 HR.
	E. SECONDARY BEAMS @ ROOF	1 HR.

LEGEND	
	20 MIN RATED DOOR
	2 HR RATED DOOR
	1 HR FIRE RATED WALL
	4 HR FIRE RATED WALL

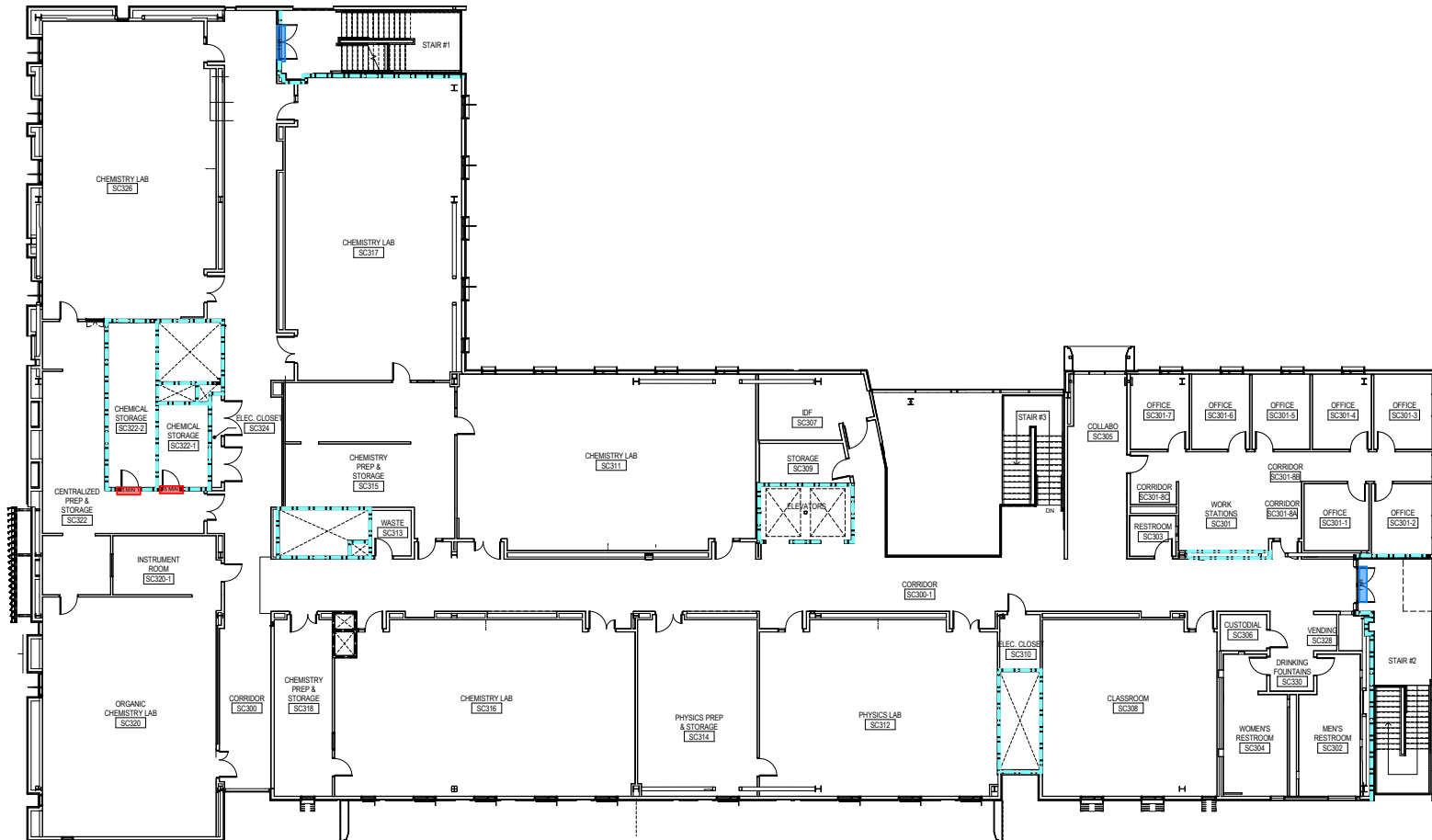
	45 MIN RATED DOOR
	1HR MIN RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL




■	45 MIN RATED DOOR
■	1 HR MIN RATED DOOR
■	1 1/2 HR RATED DOOR
■	1 HR FIRE RATED WALL



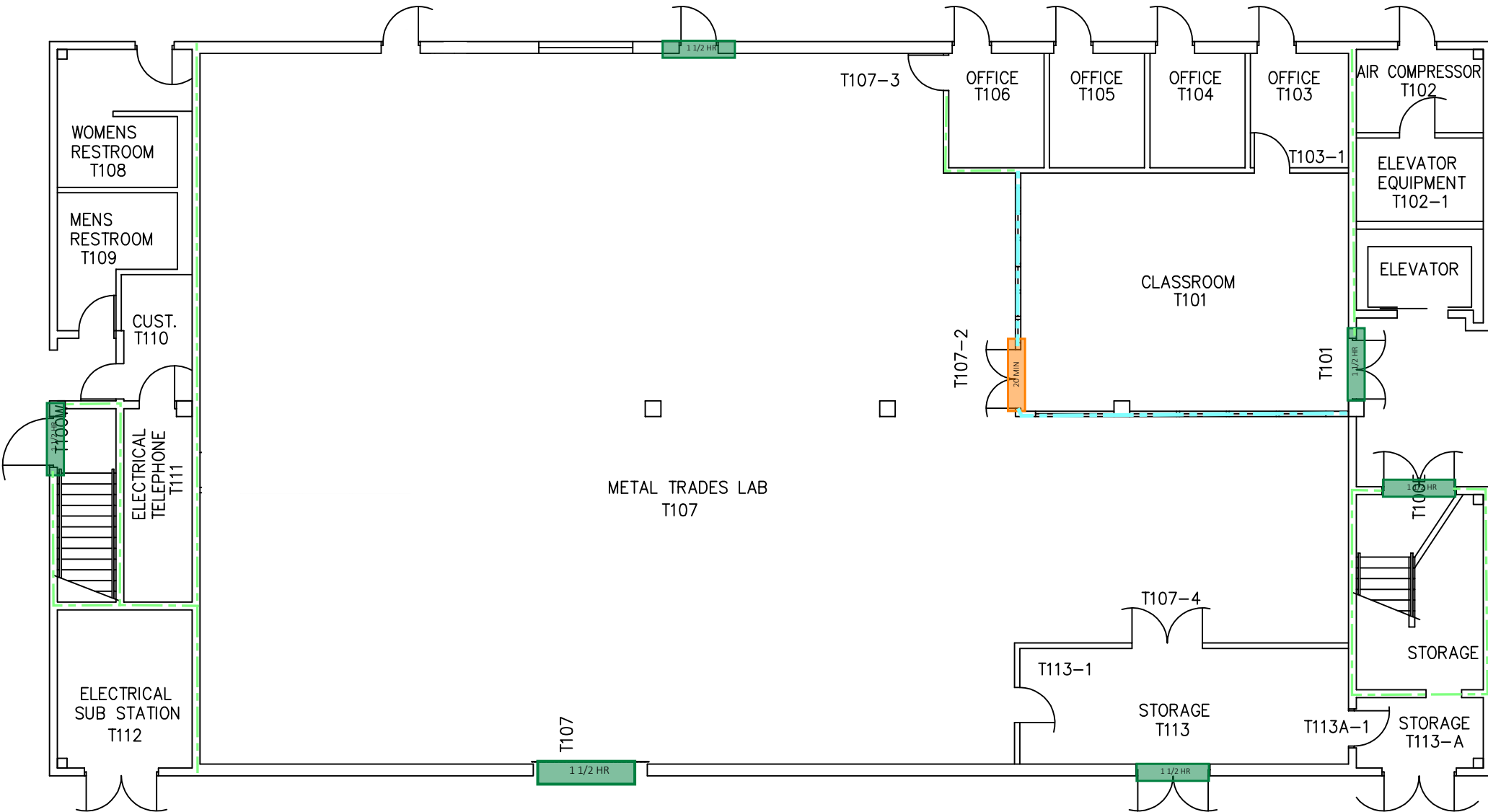
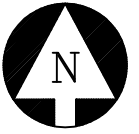
■	45 MIN RATED DOOR
■	1HR MIN RATED DOOR
■	1 1/2 HR RATED DOOR
- - - - -	1 HR FIRE RATED WALL




LEGEND

	20 MIN RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL

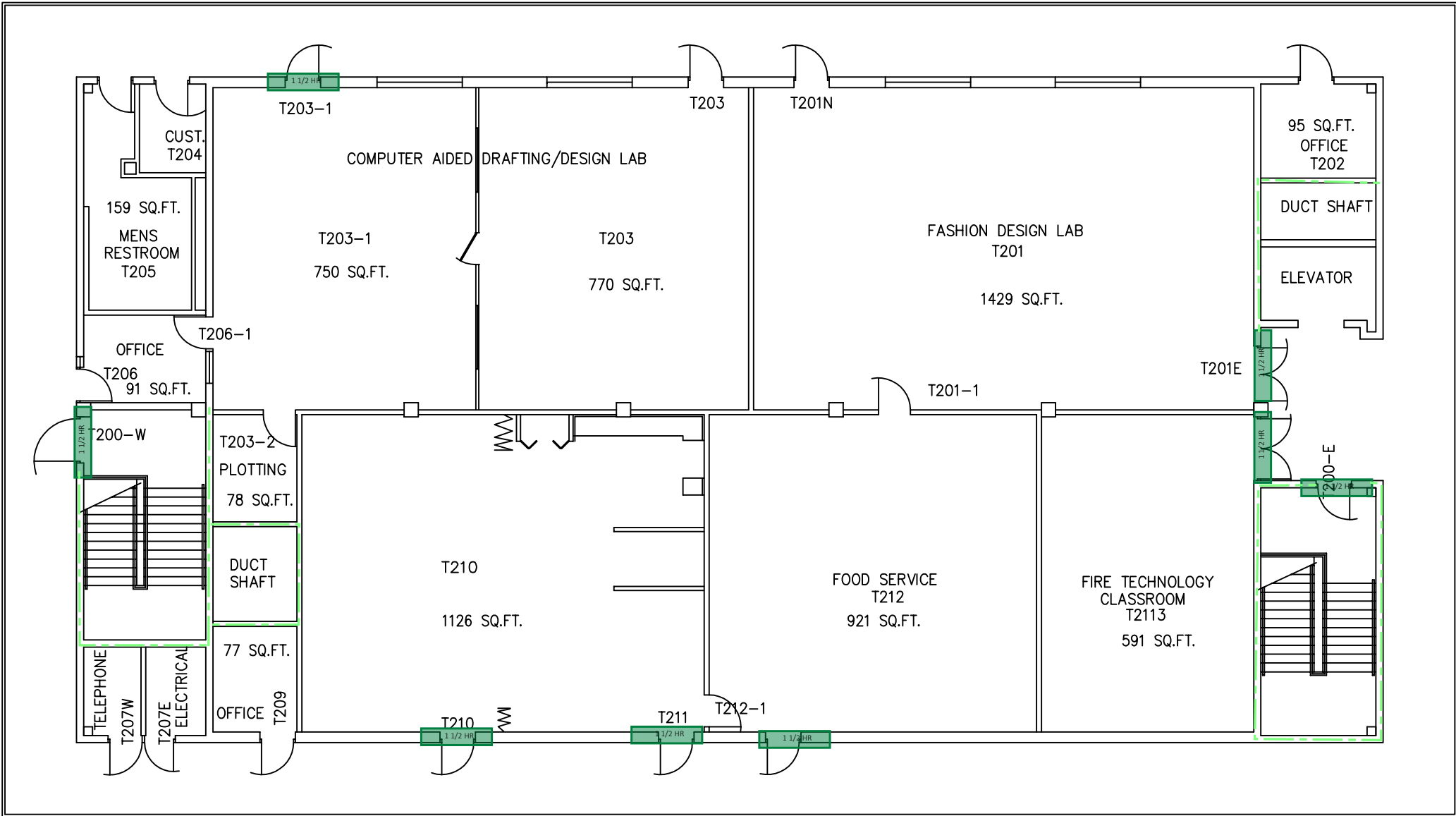
"T" BLDG. TECHNICAL ARTS 1ST FLOOR





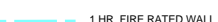
LEGEND

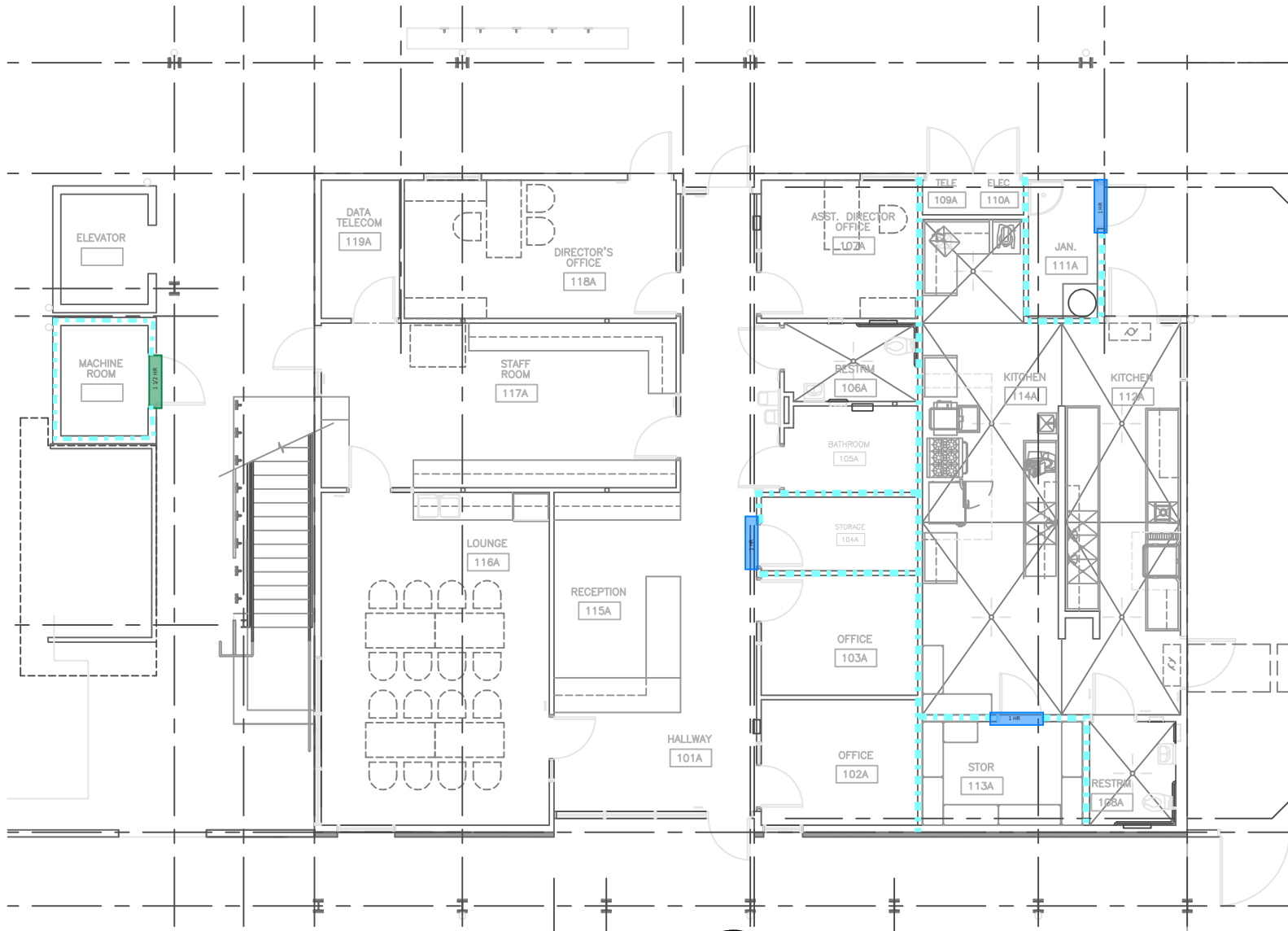
	20 MIN RATED DOOR
	1 1/2 HR. RATED DOOR
	1 HR. FIRE RATED WALL
	2 HR. FIRE RATED WALL

"T"BLDG. TECHNICAL ARTS 2ND FLOOR



LEGEND

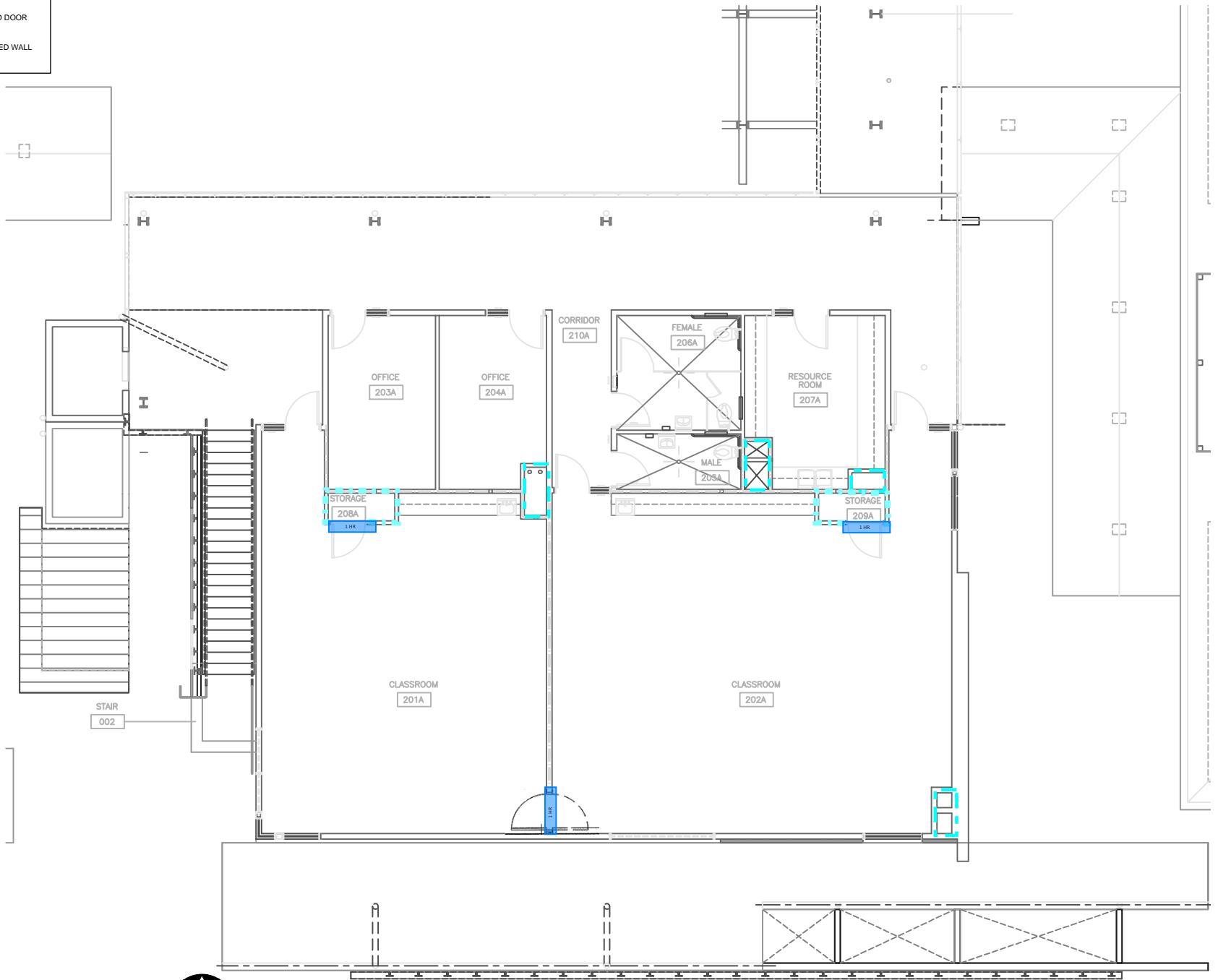
	1 HR RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL



"V" BLDG. 
BUILDING A FIRST FLOOR

LEGEND

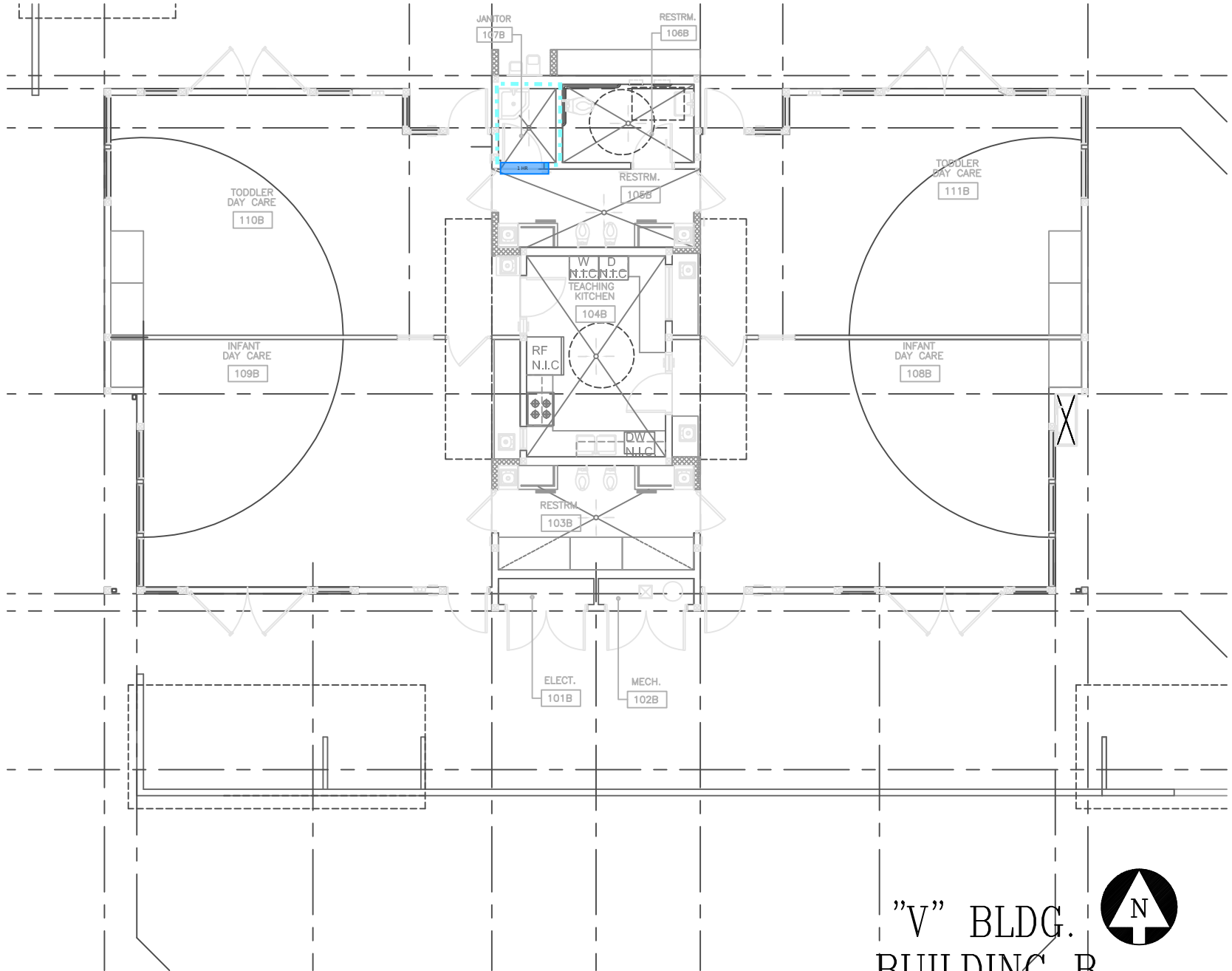
- 1 HR 1 HR RATED DOOR
- 1 1/2 HR 1 1/2 HR RATED DOOR
- 1 HR FIRE RATED WALL



"V" BLDG. 
BUILDING A SECOND FLOOR

LEGEND

- 1 HR 1 HR RATED DOOR
- 1 1/2 HR 1 1/2 HR RATED DOOR
- 1 HR FIRE RATED WALL

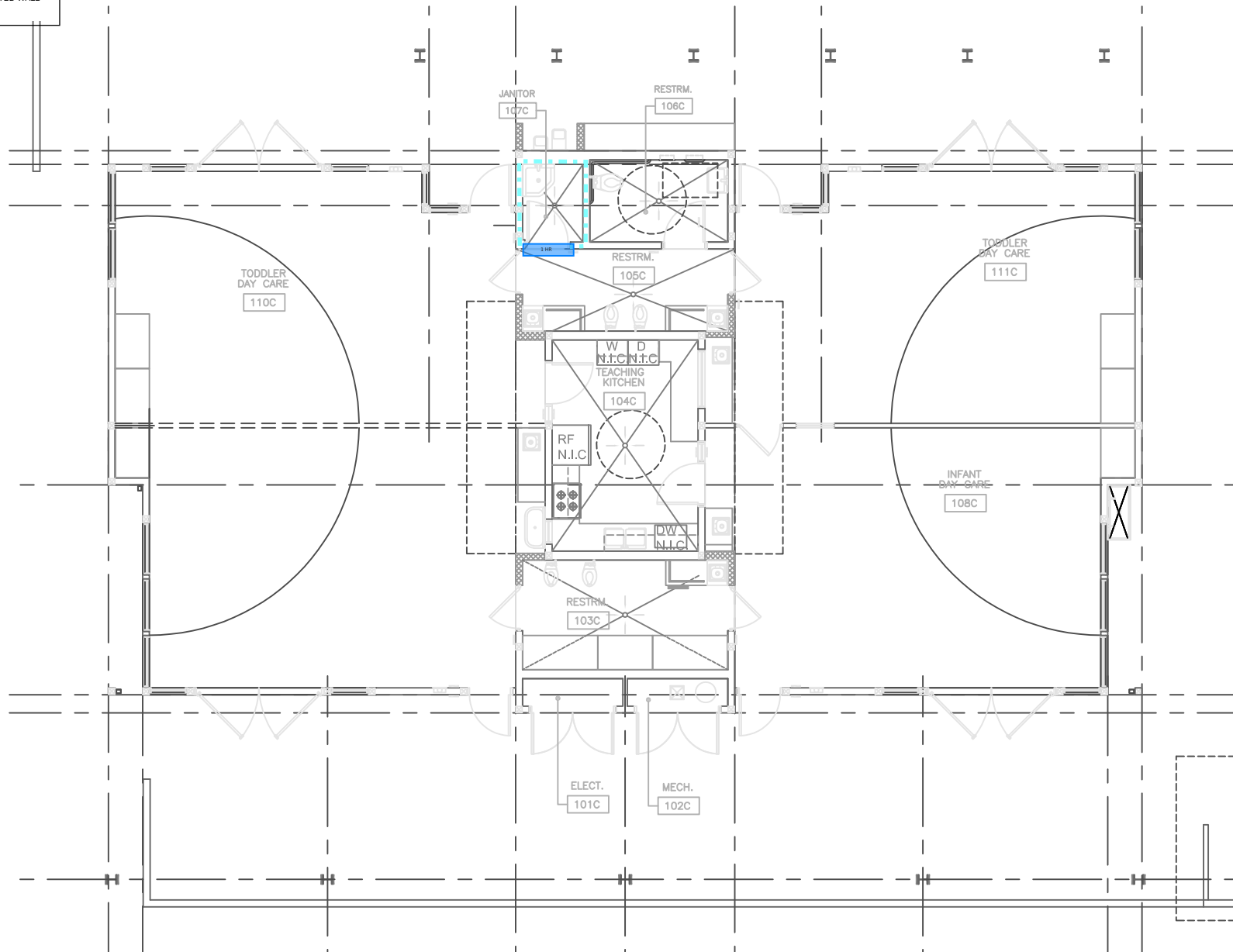


"V" BLDG.
BUILDING B






LEGEND

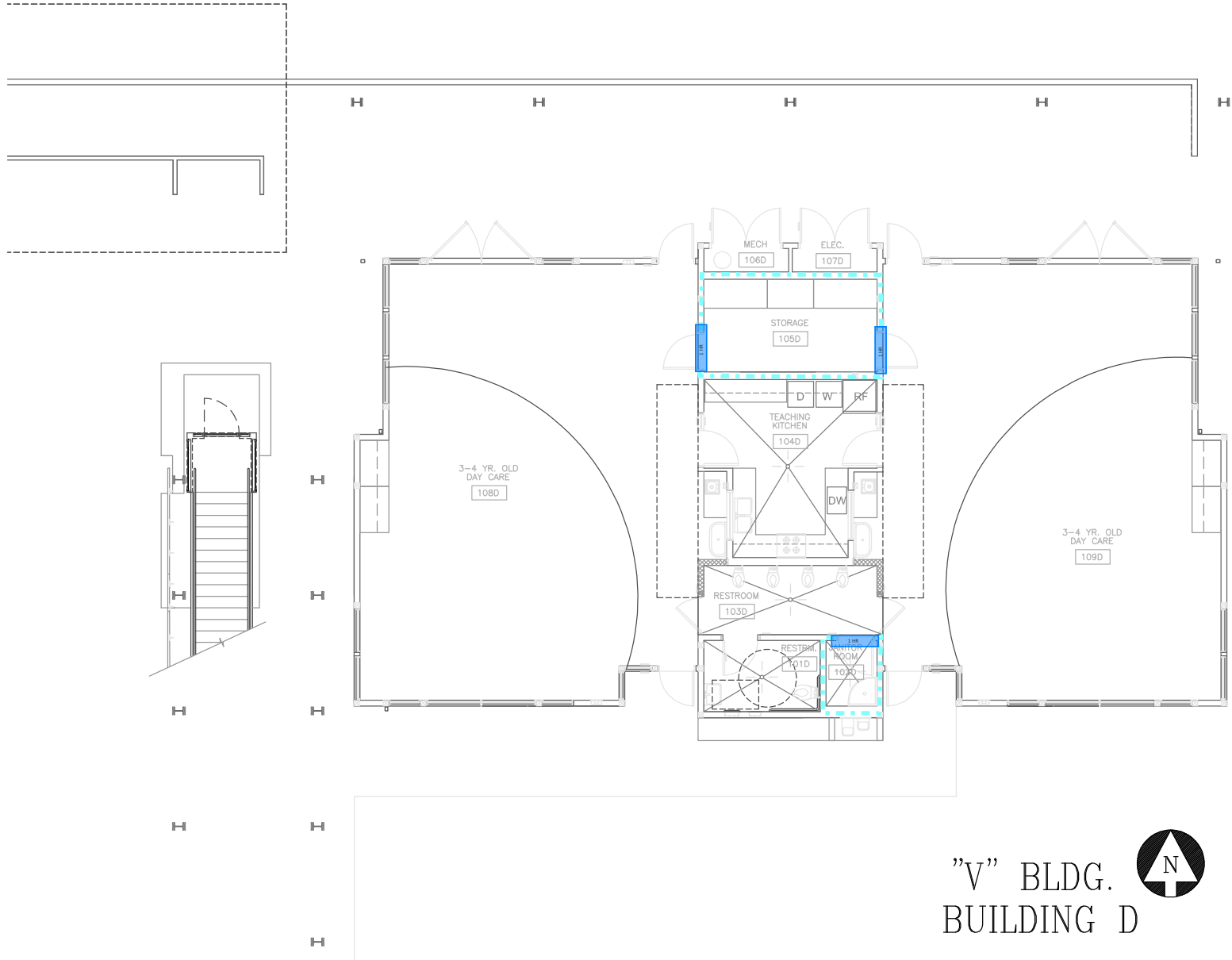
- 1 HR 1 HR RATED DOOR
- 1 1/2 HR 1 1/2 HR RATED DOOR
- 1 HR FIRE RATED WALL



"V" BLDG. 
BUILDING C




LEGEND

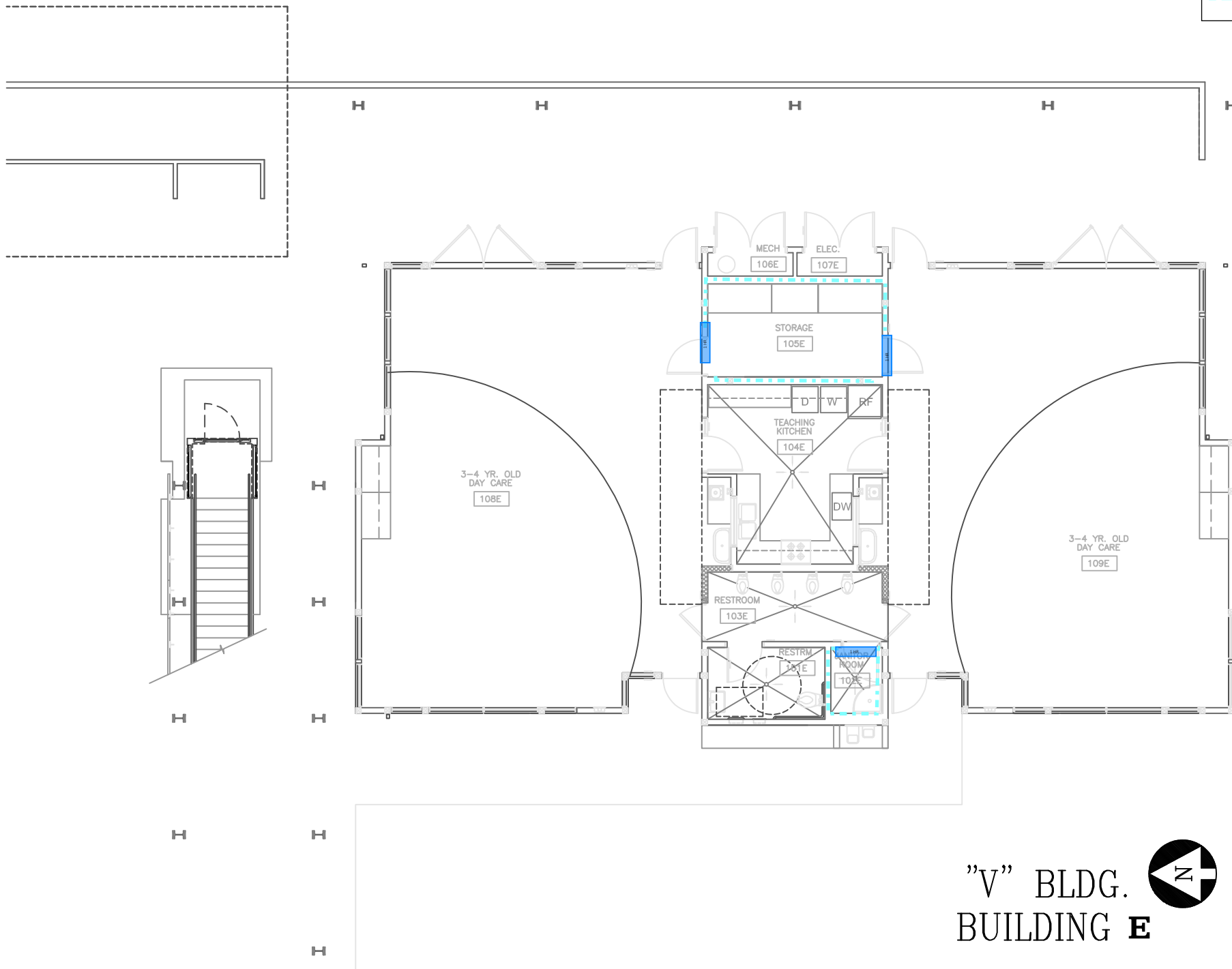
	1 HR RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL



"V" BLDG. 
BUILDING D

LEGEND

	1 HR RATED DOOR
	1 1/2 HR RATED DOOR
	1 HR FIRE RATED WALL



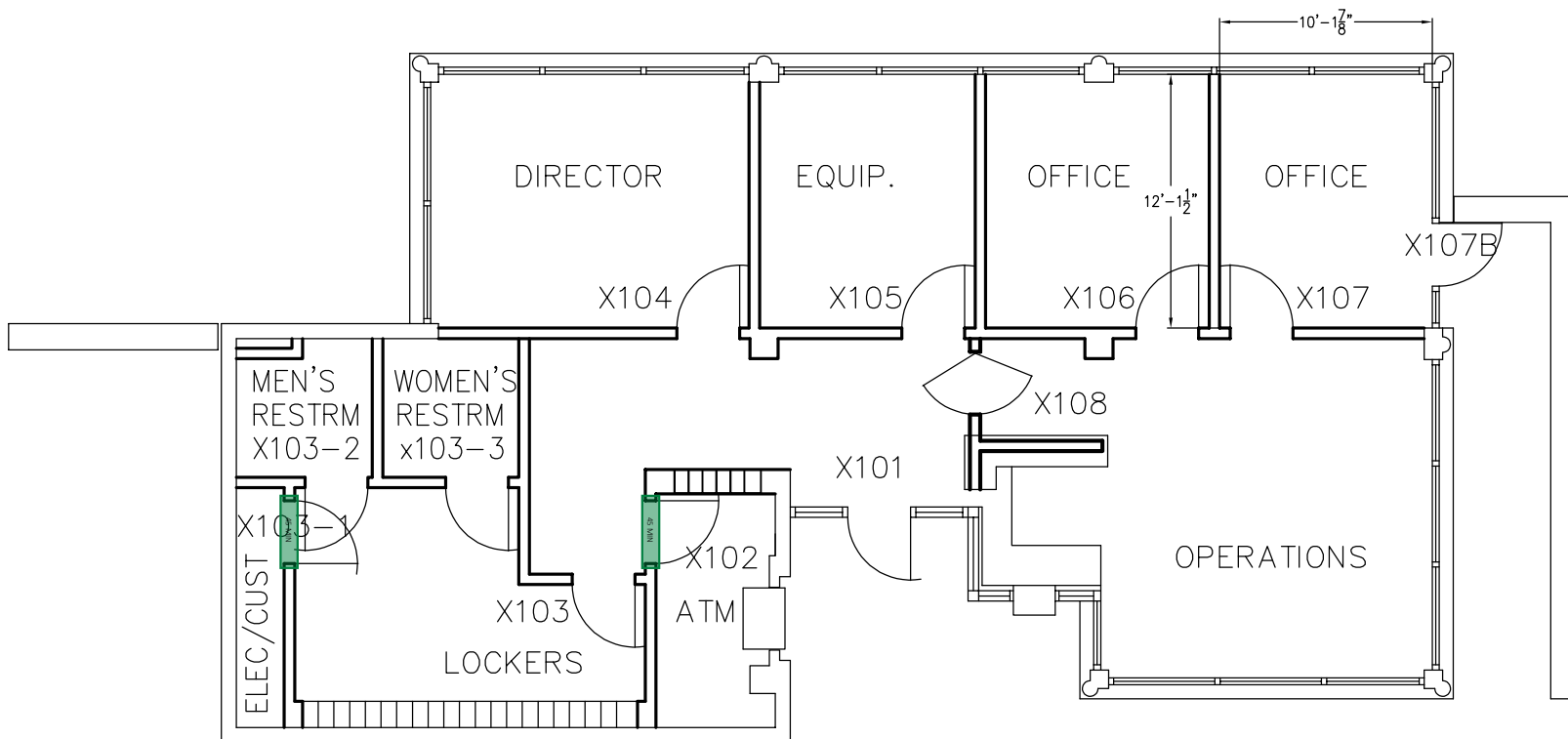
"V" BLDG.
BUILDING E



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR FIRE RATED WALL

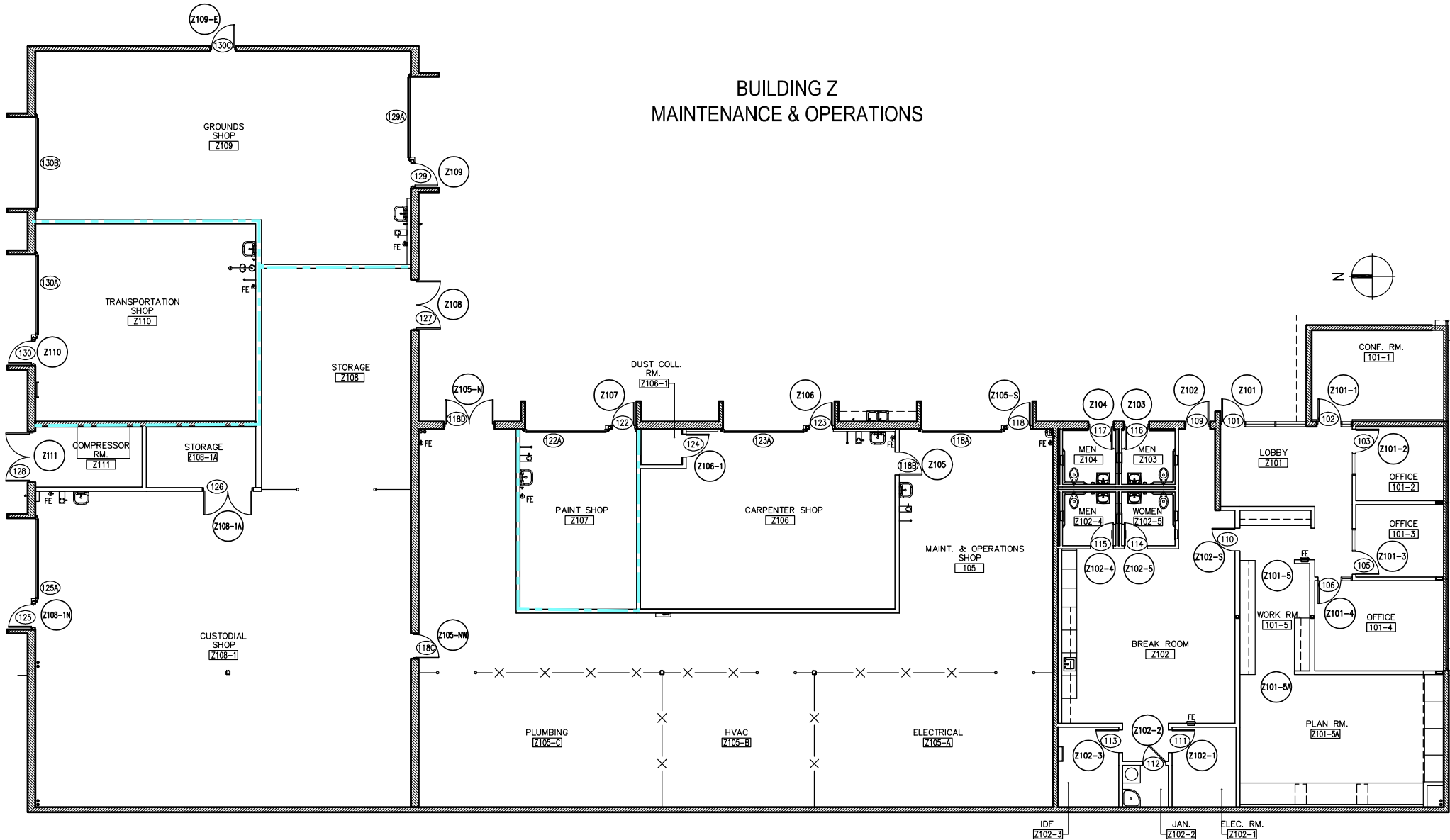
"X" BLDG
CAMPUS SECURITY



LEGEND

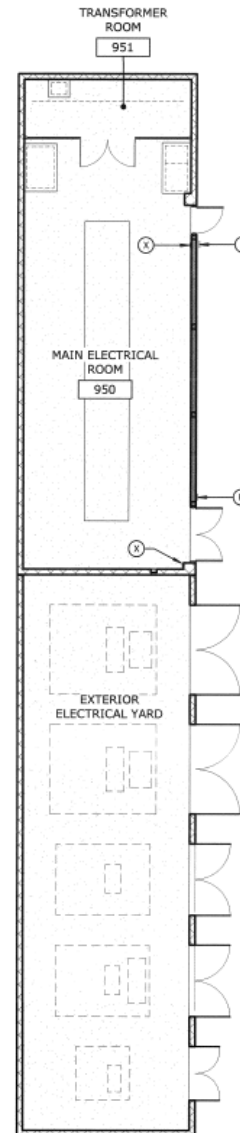
1 HR FIRE RATED WALL

BUILDING Z MAINTENANCE & OPERATIONS



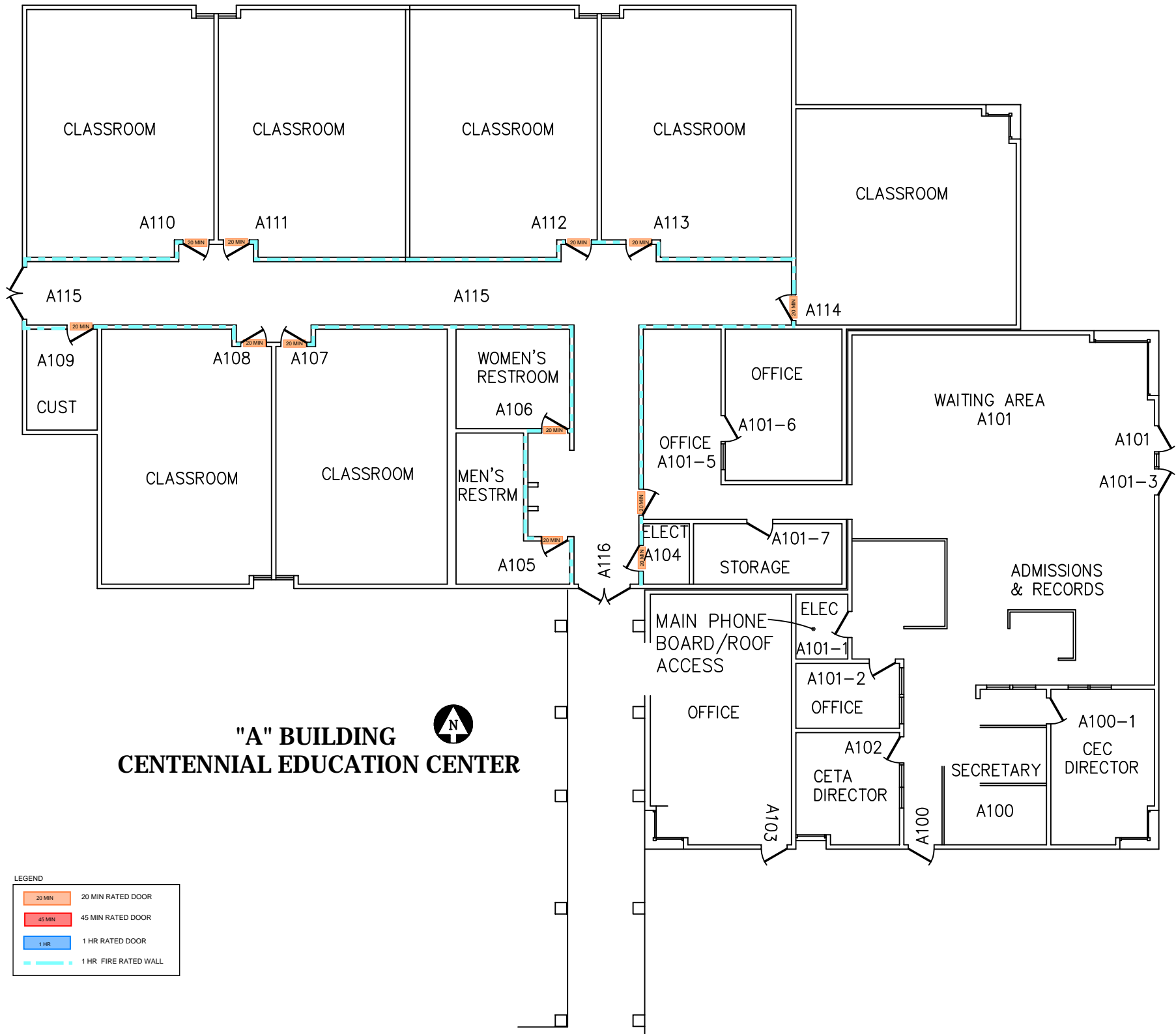
20 MIN	20 MIN RATED DOOR
1 1/2 HR	1 1/2 HR FIRE RATED WALL
1 HR	1 HR FIRE RATED WALL

NO FIRE RATED ASSEMBLIES
OR OPENINGS



ELECTRICAL BUILDING
(BUILDING 950)

CENTENNIAL EDUCATION CENTER (CEC)



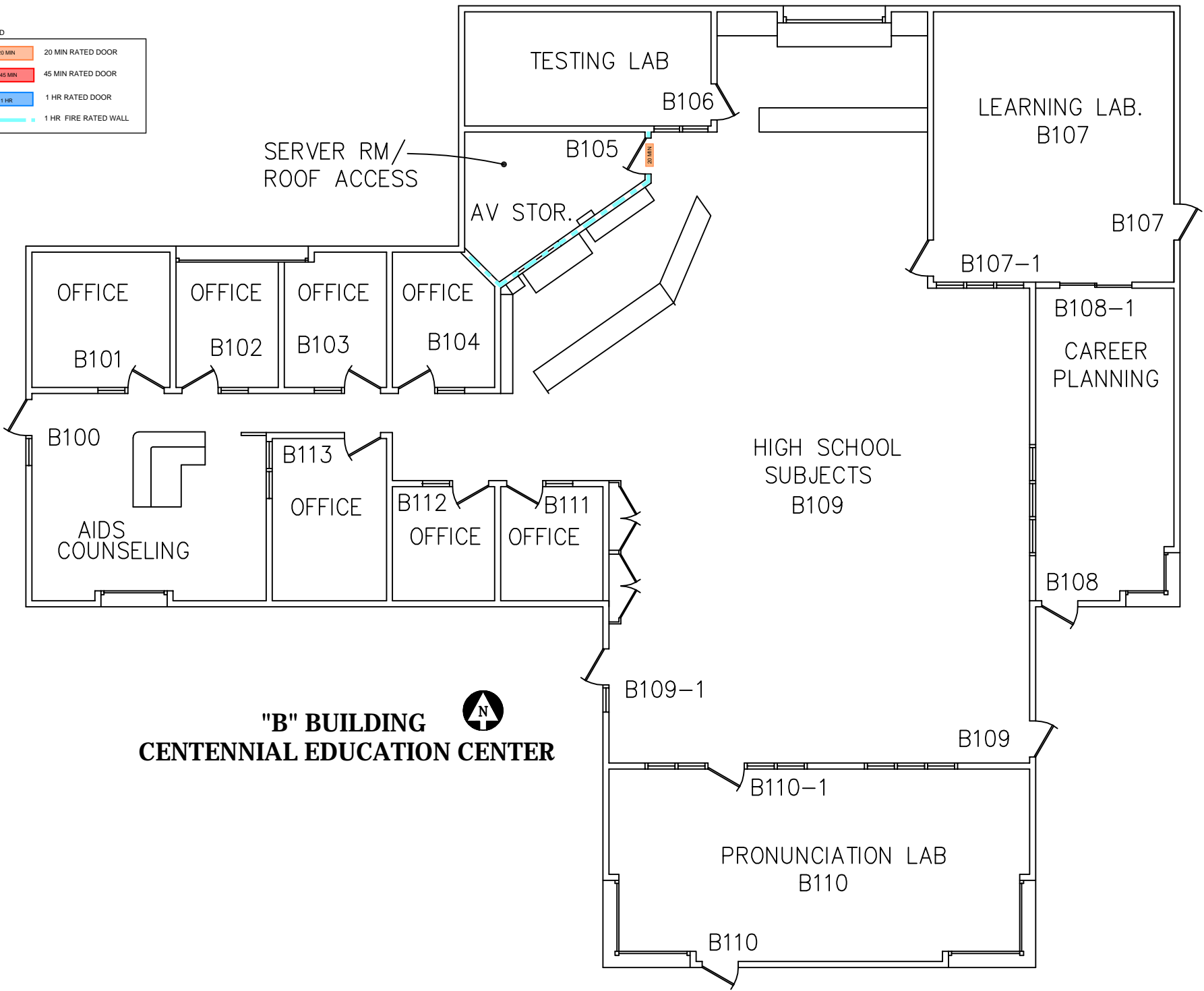
"A" BUILDING
CENTENNIAL EDUCATION CENTER

LEGEND

20 MIN	20 MIN RATED DOOR
45 MIN	45 MIN RATED DOOR
1 HR	1 HR RATED DOOR
1 HR FIRE RATED WALL	1 HR FIRE RATED WALL

LEGEND

20 MIN	20 MIN RATED DOOR
45 MIN	45 MIN RATED DOOR
1 HR	1 HR RATED DOOR
1 HR	1 HR FIRE RATED WALL



"B" BUILDING 
CENTENNIAL EDUCATION CENTER

"C" BUILDING CHILD DEVELOPMENT CENTER CENTENNIAL EDUCATION CENTER



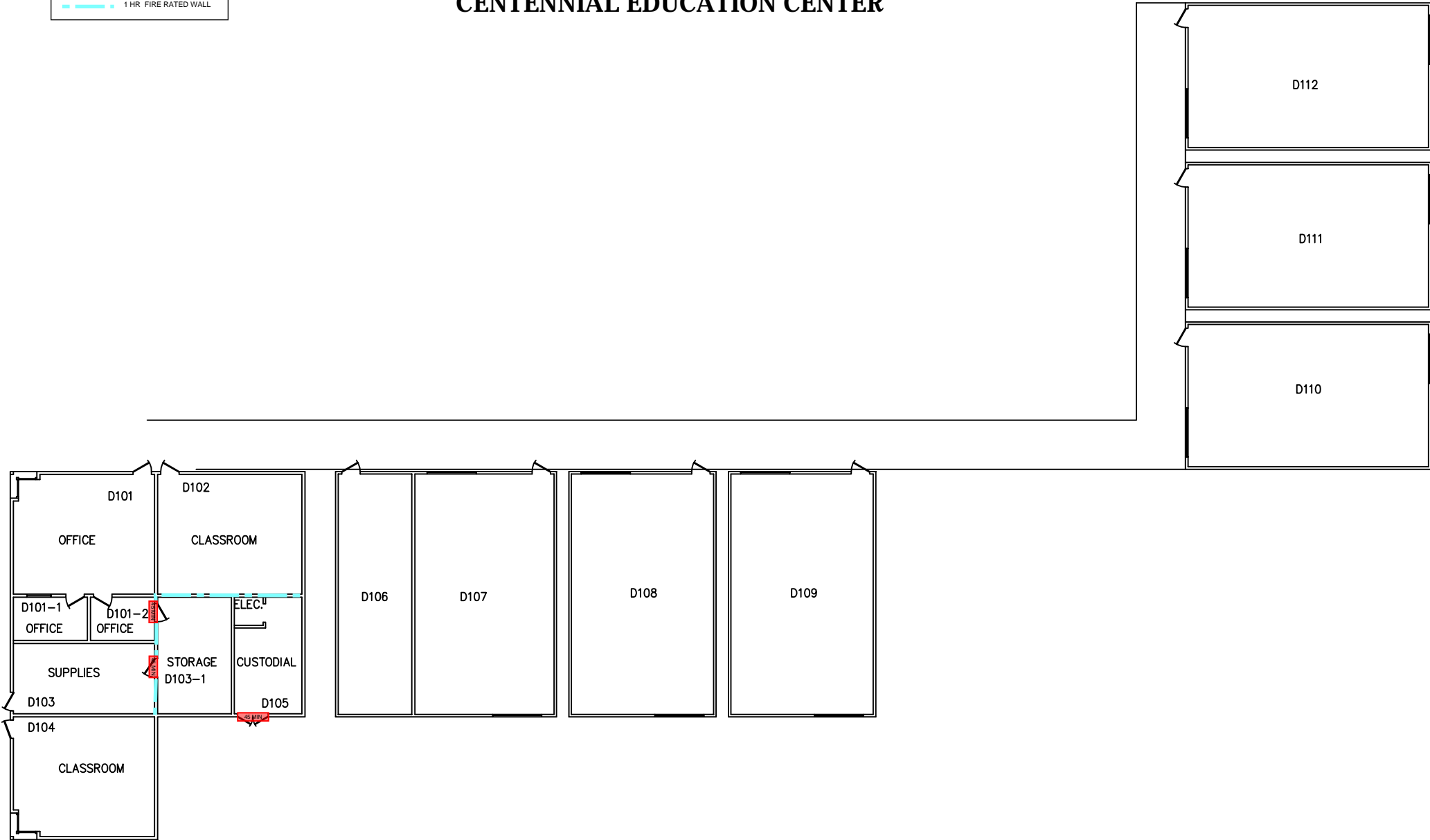
LEGEND

 20 MIN	20 MIN RATED DOOR
 45 MIN	45 MIN RATED DOOR
 1 HR	1 HR RATED DOOR
	1 HR FIRE RATED WALL

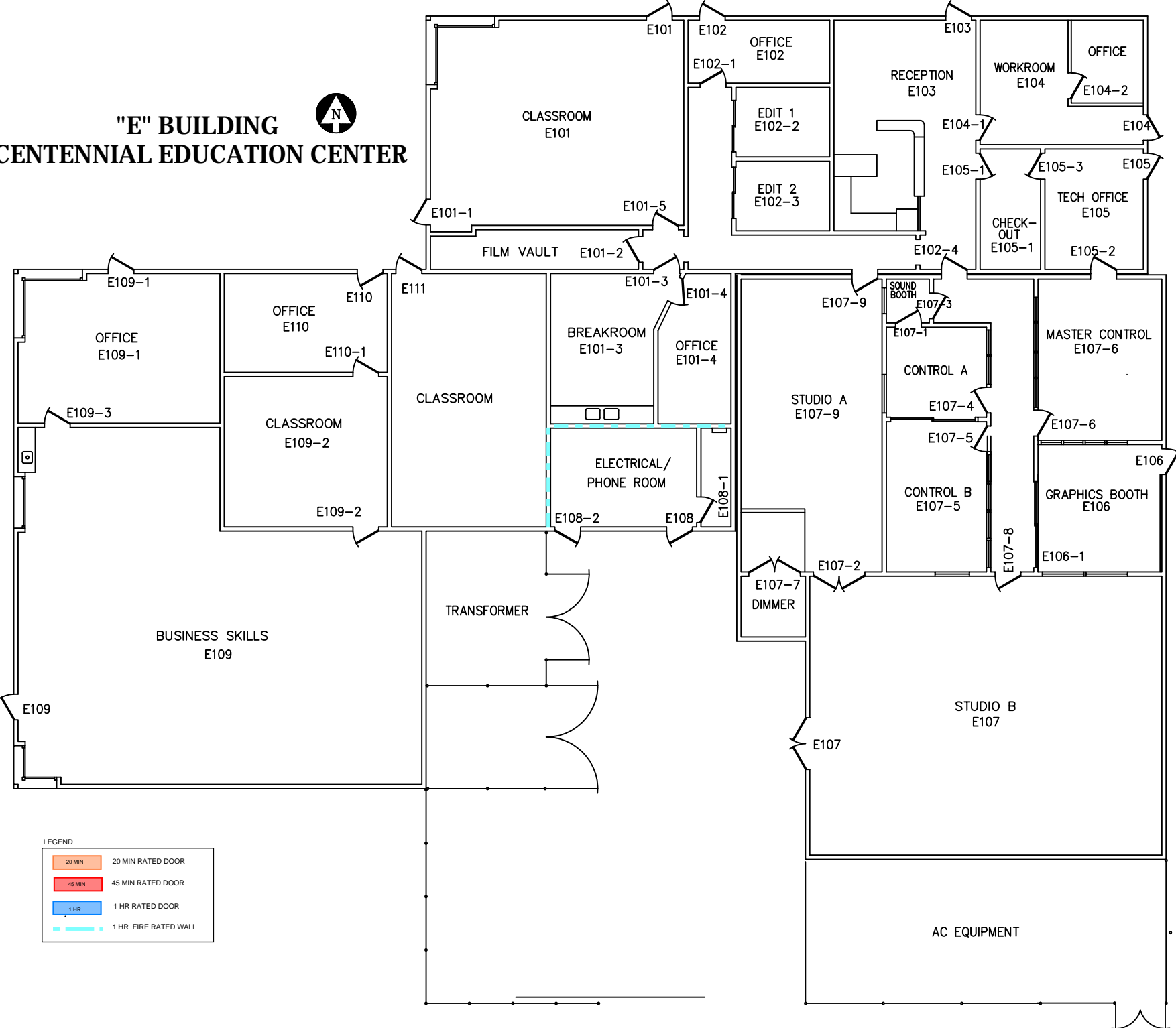
LEGEND

20 MIN	20 MIN RATED DOOR
45 MIN	45 MIN RATED DOOR
1 HR	1 HR RATED DOOR
1 HR FIRE RATED WALL	1 HR FIRE RATED WALL

"D" BUILDING CENTENNIAL EDUCATION CENTER



"E" BUILDING CENTENNIAL EDUCATION CENTER



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

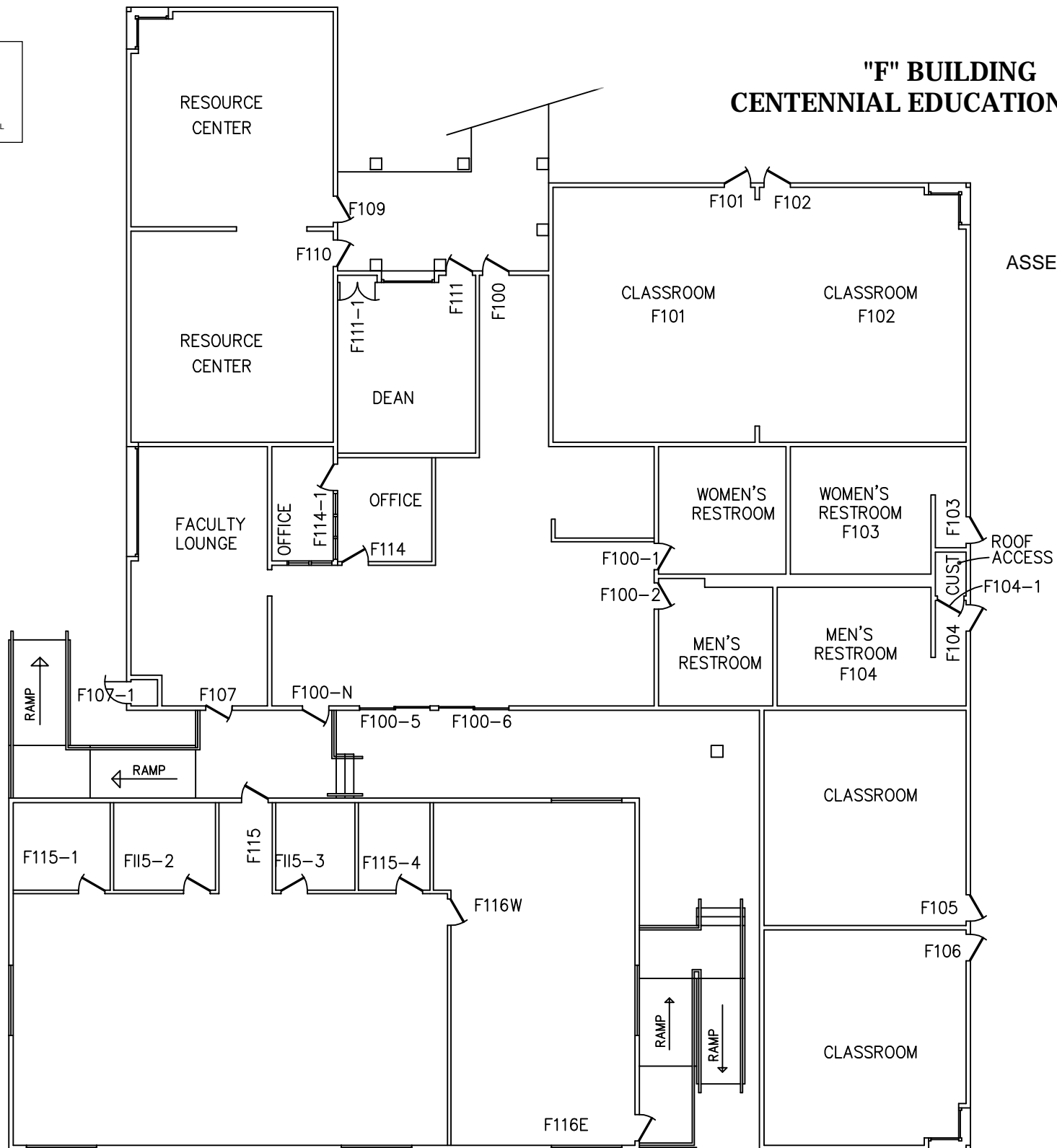
LEGEND

20 MIN	20 MIN RATED DOOR
45 MIN	45 MIN RATED DOOR
1 HR	1 HR RATED DOOR
1 HR	1 HR FIRE RATED WALL

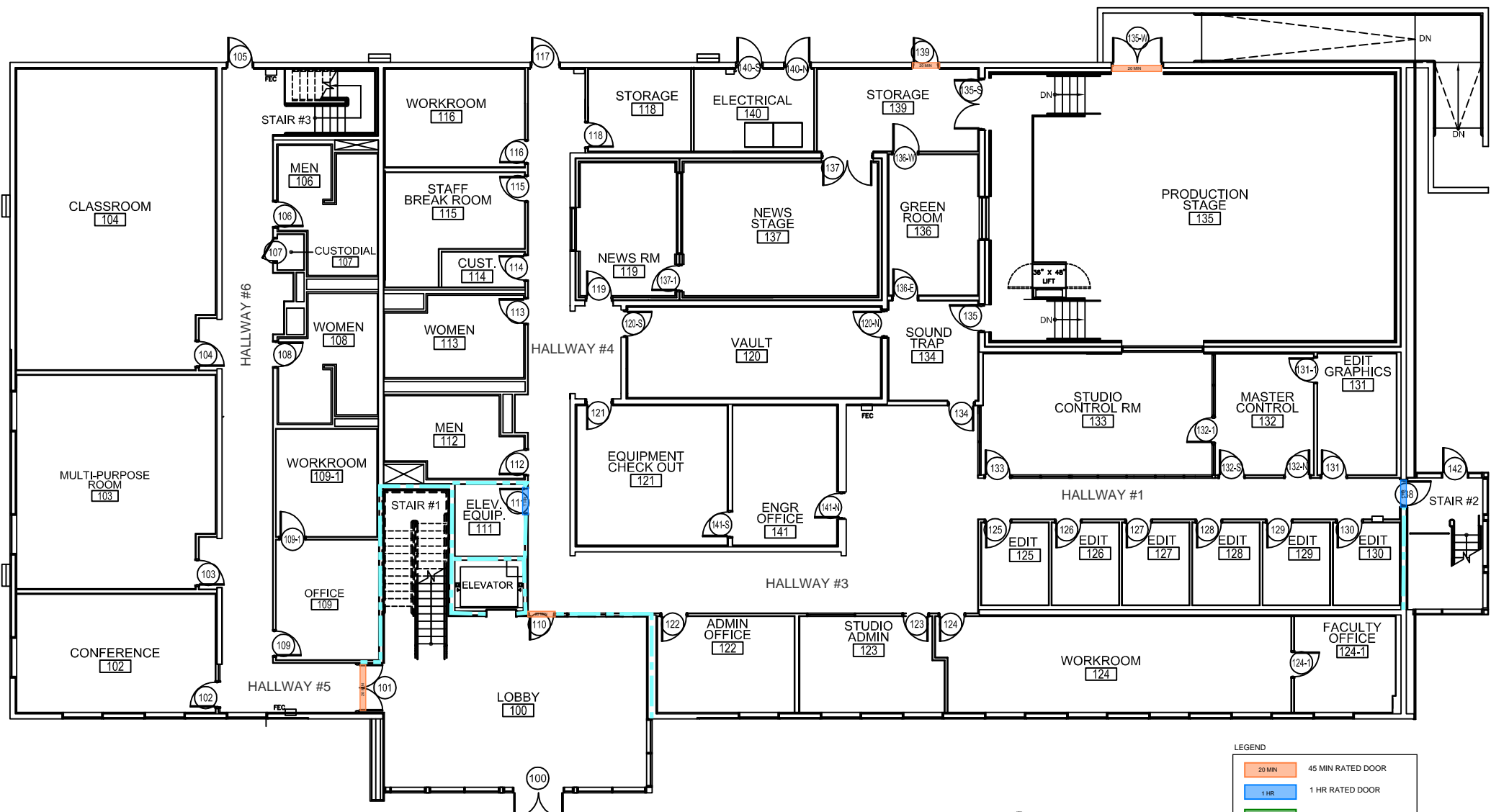
"F" BUILDING CENTENNIAL EDUCATION CENTER



NO FIRE RATED
ASSEMBLIES OR OPENINGS



DIGITAL MEDIA CENTER (DMC)



DIGITAL MEDIA CENTER FIRST FLOOR



LEGEND

 20 MIN	45 MIN RATED DOOR
 1 HR	1 HR RATED DOOR
 1 1/2 HR	1 HR RATED DOOR
	1 HR FIRE RATED WALL



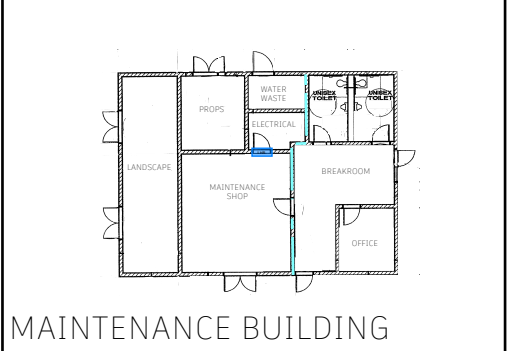
DIGITAL MEDIA CENTER SECOND FLOOR



LEGEND

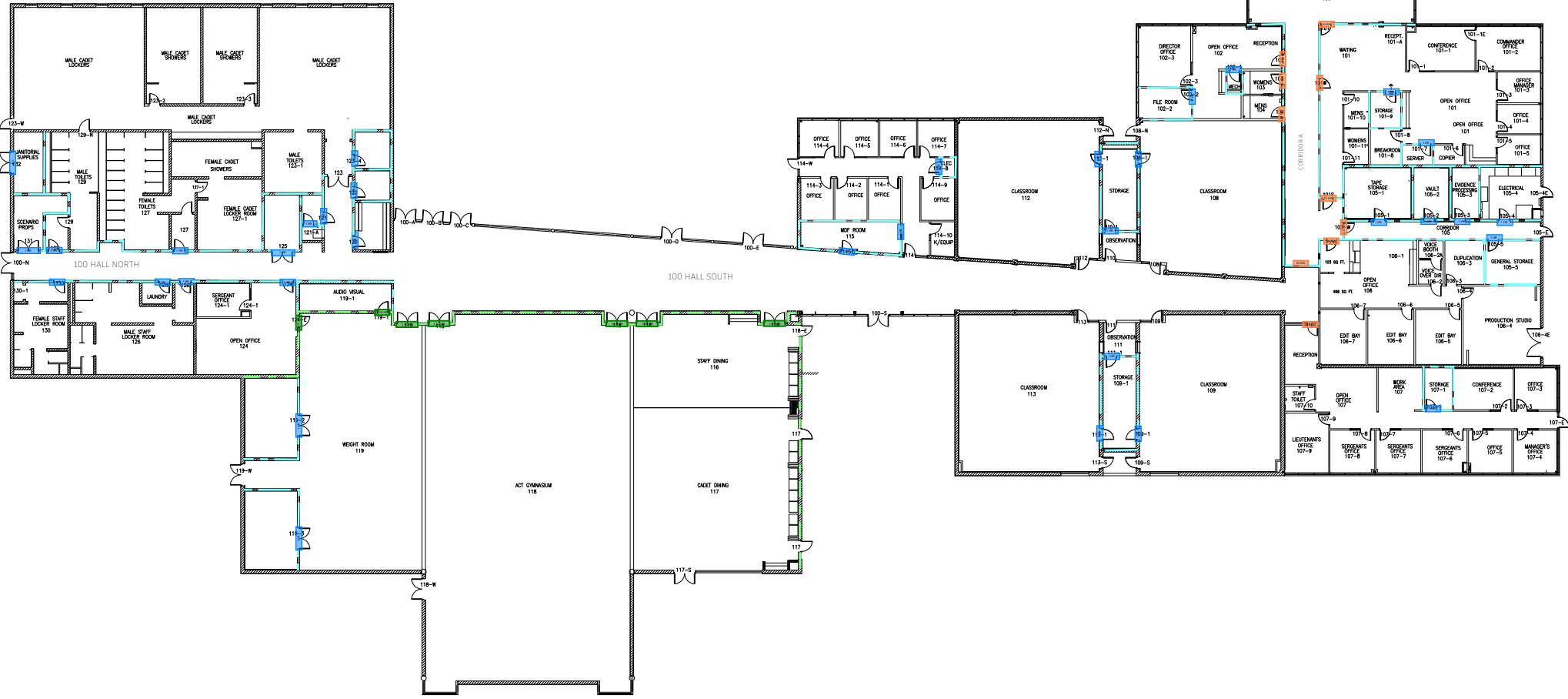
20 MIN	45 MIN RATED DOOR
1 HR	1 HR RATED DOOR
1 1/2 HR	1 HR RATED DOOR
1 HR FIRE RATED WALL	

**ORANGE COUNTY SHERIFF'S REGIONAL TRAINING
ACADEMY (OCSRTA)**



LEGEND

 20 MIN	45 MIN RATED DOOR
 1 HR	1 HR RATED DOOR
 1 1/2 HR	1 HR RATED DOOR
	1 HR FIRE RATED WALL
	2 HR FIRE RATED WALL



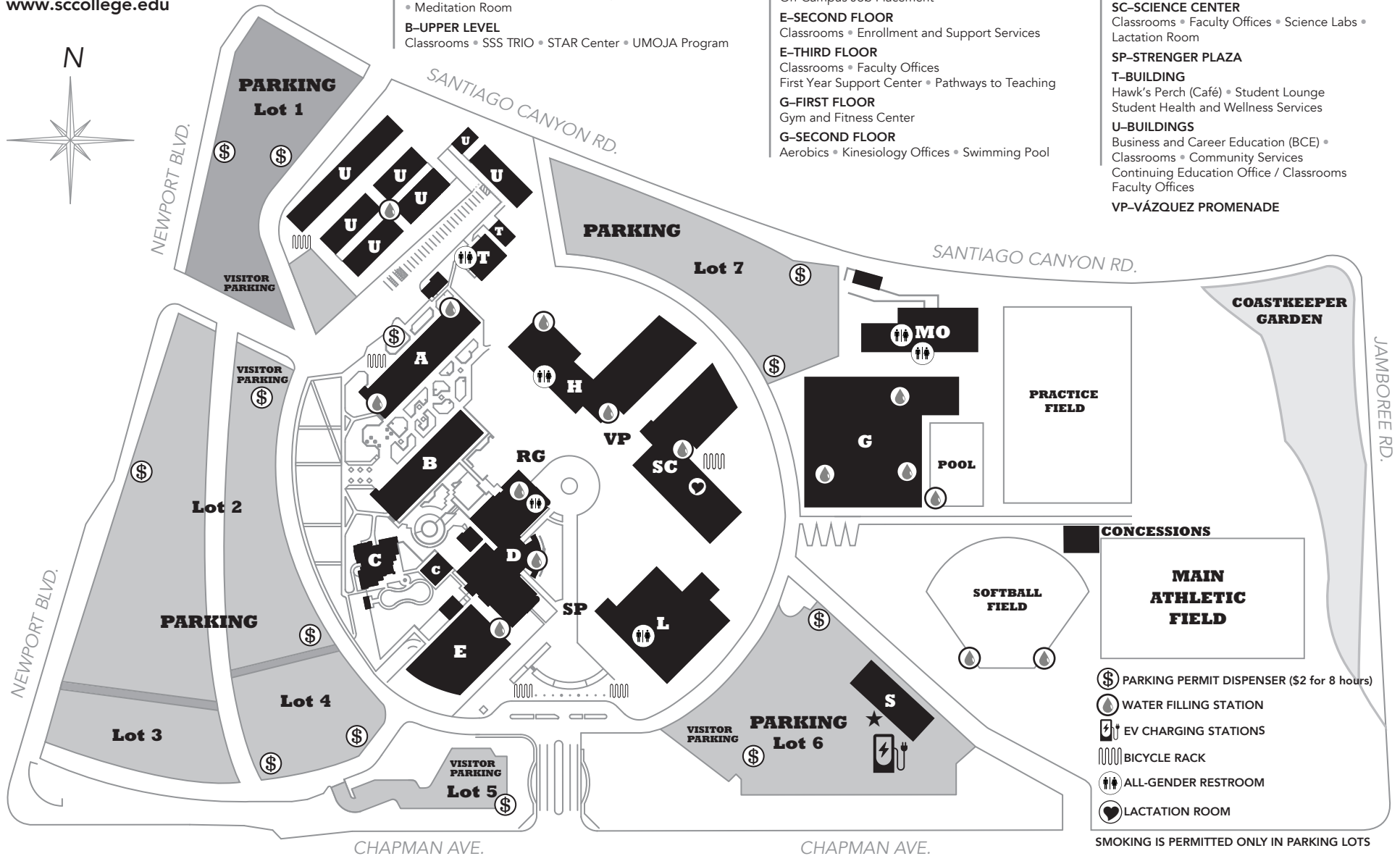
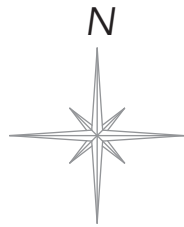
SANTIAGO CANYON COLLEGE (SCC)



Santiago Canyon College

8045 East Chapman Avenue
Orange, CA 92869
714-628-4900

www.sccollege.edu



A-LOWER LEVEL

Bookstore • SCC Outreach • Hawk's Nest Basic Needs Center (A106-108)

A-UPPER LEVEL

Academic Senate Office • Administration
Administrative Services • Associated Student Government
CAMP • Classrooms • Foundation Office • Guardian Scholars
International Students • Office of Student Equity and Success
Publications • Student Life & Leadership
• Upward Bound Math and Science • Veterans

B-LOWER LEVEL

BLACK Center • Classrooms • Faculty Offices
• Meditation Room

B-UPPER LEVEL

Classrooms • SSS TRIO • STAR Center • UMOJA Program

C-BUILDING

Child Development Center

D-FIRST FLOOR

Counseling & Career Development Center •
Classrooms • Faculty Offices • Transfer Success Center

D-SECOND FLOOR

Math Success Center • Faculty Offices • Classrooms

E-FIRST FLOOR

Admissions • CalWORKs • CARE • Cashier
Financial Aid • EOPS • Disabled Students Program
Graduation Office • Photo ID • Scholarships
On-Campus Job Placement

E-SECOND FLOOR

Classrooms • Enrollment and Support Services

E-THIRD FLOOR

Classrooms • Faculty Offices
First Year Support Center • Pathways to Teaching

G-FIRST FLOOR

Gym and Fitness Center

G-SECOND FLOOR

Aerobics • Kinesiology Offices • Swimming Pool

H-HUMANITIES BUILDING

Classrooms • Faculty Offices
Information Technology • Language Lab • Media
Systems Office • Writing Center

L-LIBRARY

Distance Education • Institutional Effectiveness &
Research • Instructional Design Center

MO-MAINTENANCE & OPERATIONS

District Warehouse

RG-ROSE GARDEN

S-SECURITY & CAMPUS SAFETY★

SC-SCIENCE CENTER
Classrooms • Faculty Offices • Science Labs •
Lactation Room

SP-STRENGER PLAZA

T-BUILDING

Hawk's Perch (Café) • Student Lounge
Student Health and Wellness Services

U-BUILDINGS

Business and Career Education (BCE) •
Classrooms • Community Services
Continuing Education Office / Classrooms
Faculty Offices

VP-VÁZQUEZ PROMENADE

- Ⓢ PARKING PERMIT DISPENSER (\$2 for 8 hours)
- 💧 WATER FILLING STATION
- 🔌 EV CHARGING STATIONS
- 🚲 BICYCLE RACK
- ♿ ALL-GENDER RESTROOM
- 👶 LACTATION ROOM

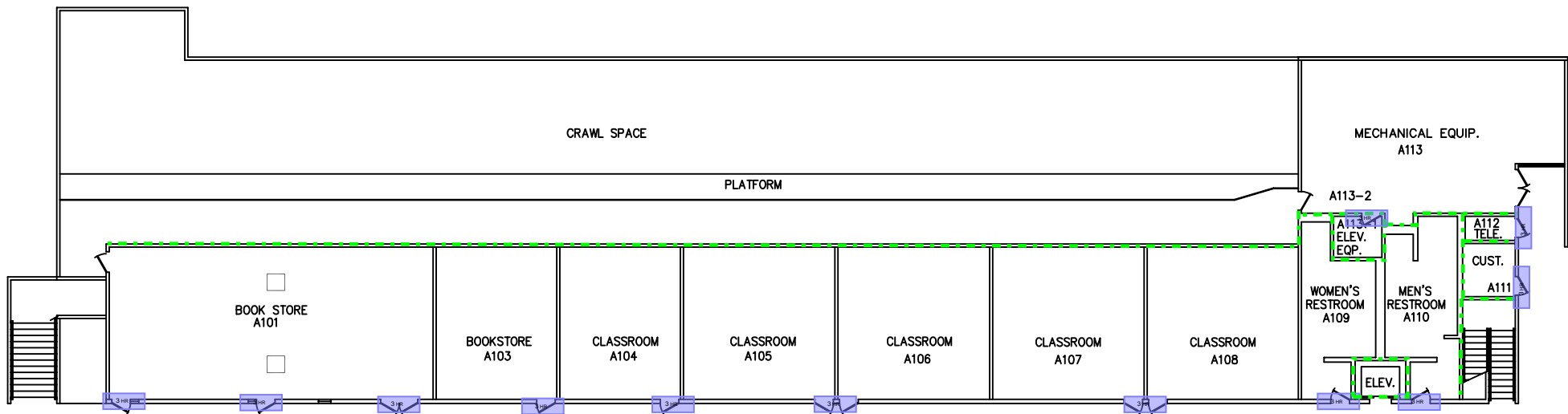
SMOKING IS PERMITTED ONLY IN PARKING LOTS

LEGEND

3 HR 3 HR RATED DOOR

FIRE RATED WALL ***

*** Rating of wall not known. As-built does not contain information on the wall rating.

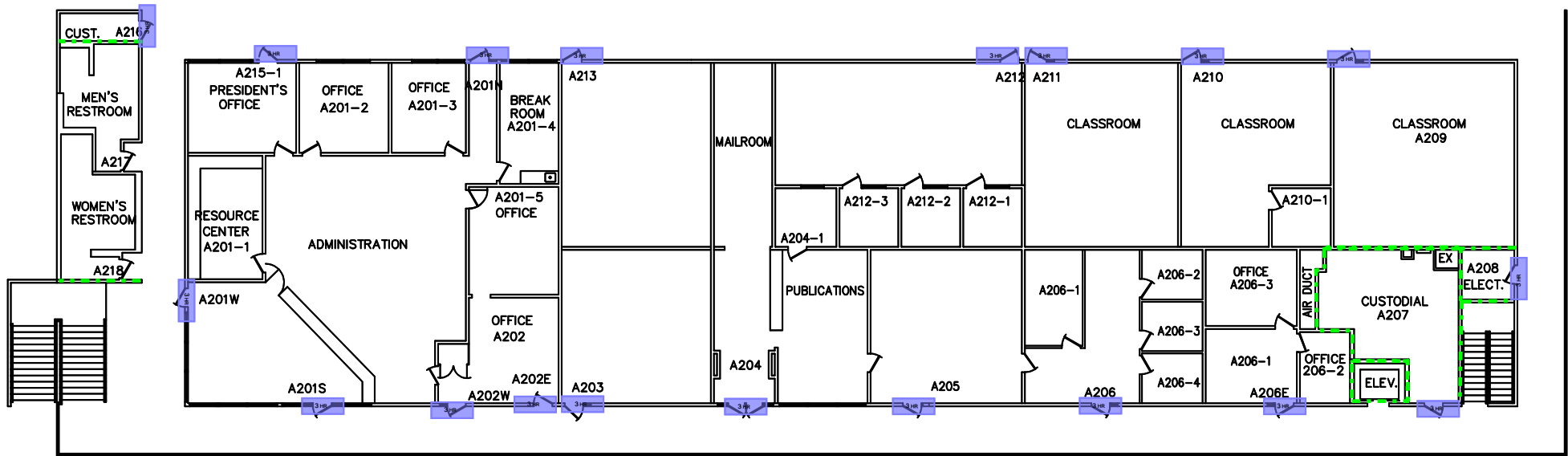


"A" BUILDING 
ADMIN/BOOKSTORE
FIRST FLOOR

LEGEND



*** Rating of wall not known. As-builts does not contain information on the wall rating.



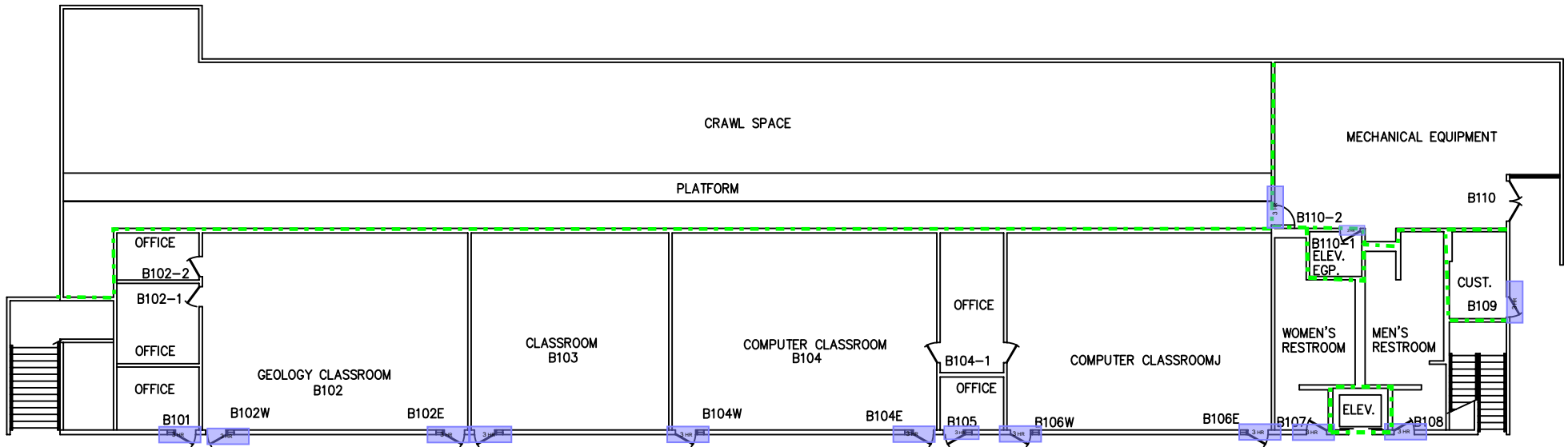
"A" BUILDING
ADMIN/BOOKSTORE
SECOND FLOOR



LEGEND



*** Rating of wall not known. As-builts does not contain information on the wall rating.



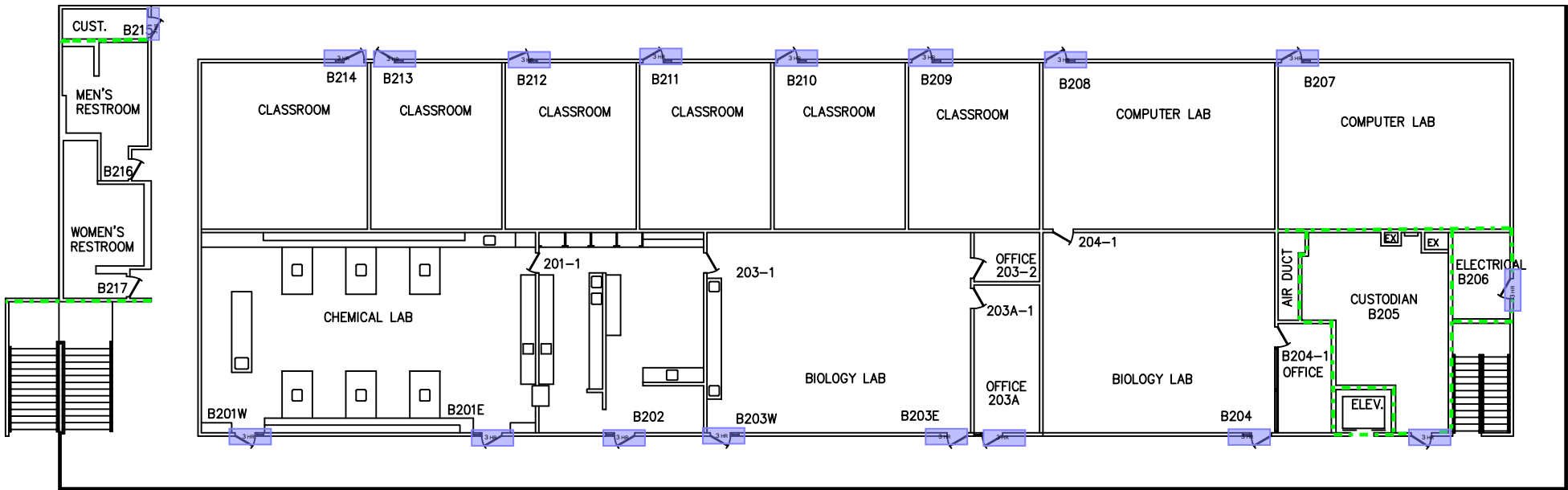
**"B" BUILDING
CLASSROOMS
FIRST FLOOR**



LEGEND







*** Rating of wall not known. As-built does not contain information on the wall rating.



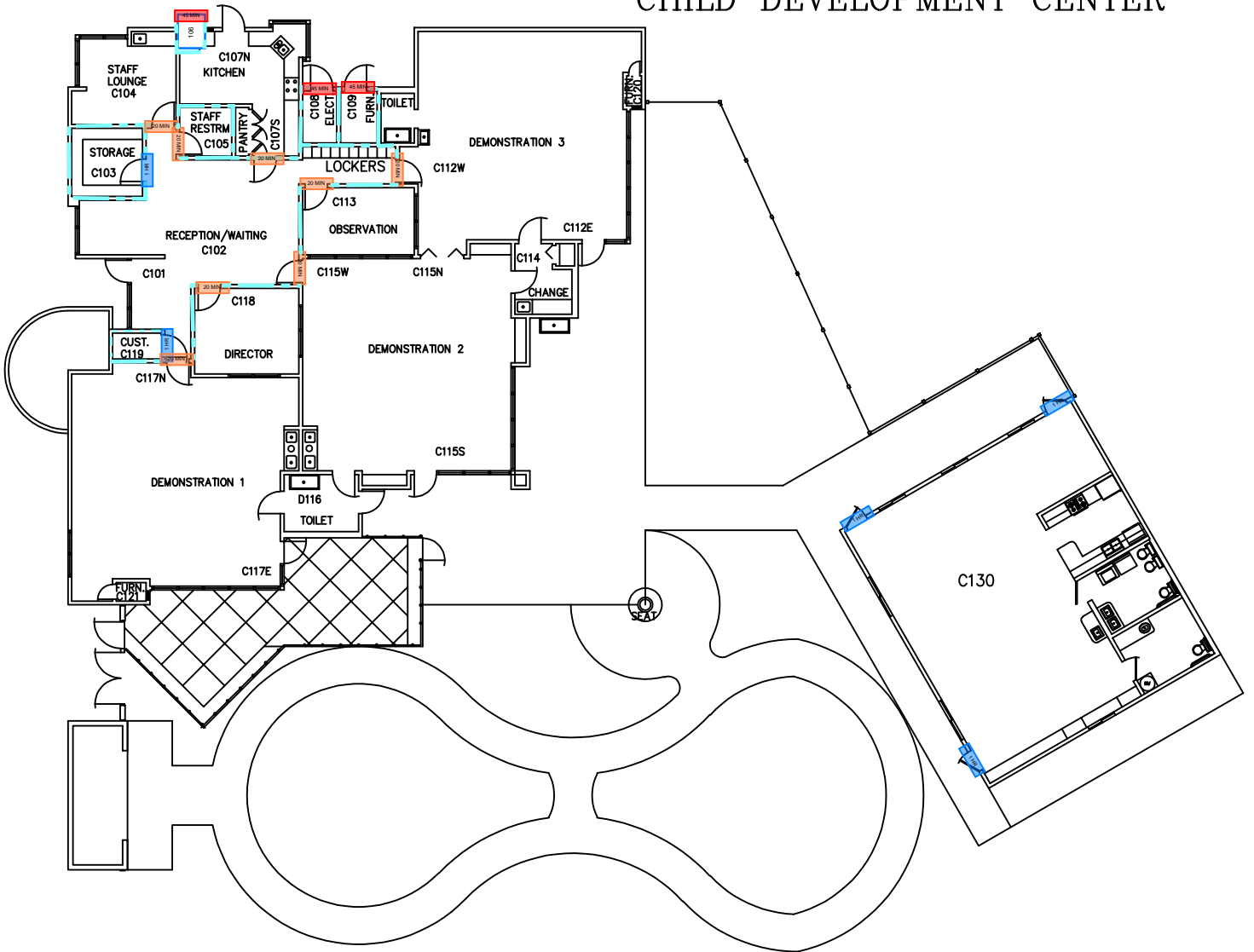
**"B" BUILDING
CLASSROOMS
SECOND FLOOR**

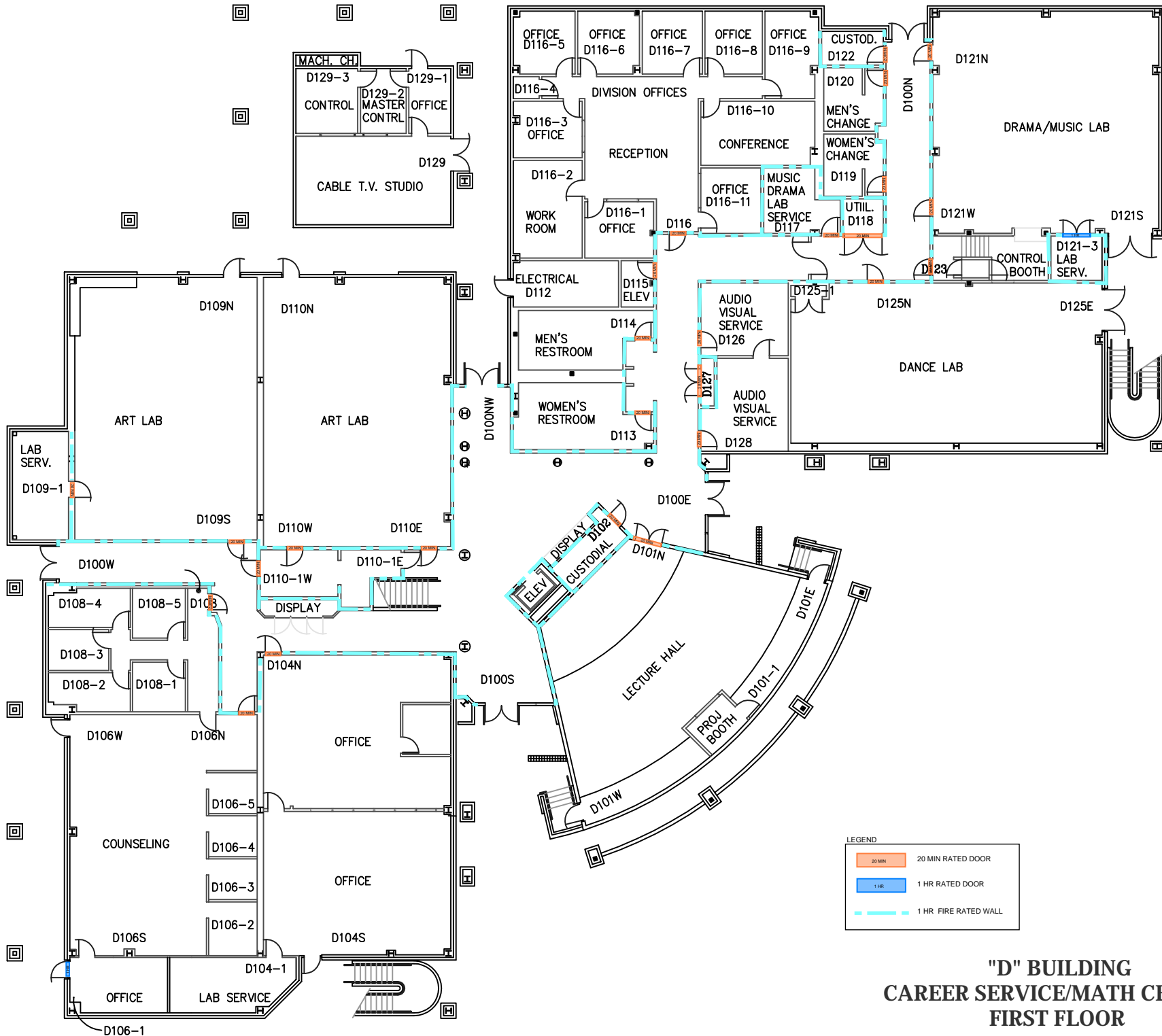


LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

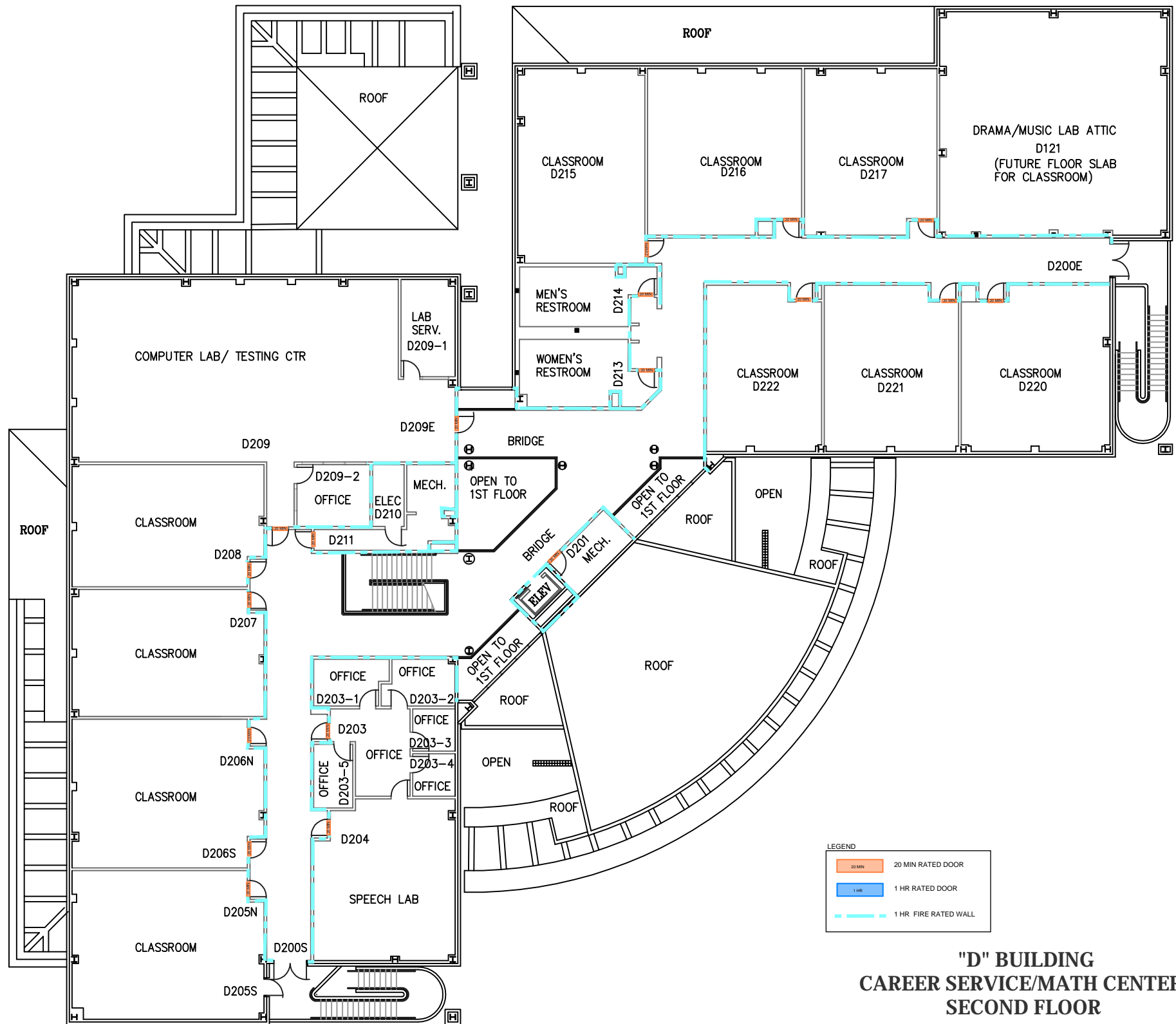
"C" BLDG. SCC
CHILD DEVELOPMENT CENTER





**"D" BUILDING
CAREER SERVICE/MATH CENTER
FIRST FLOOR**



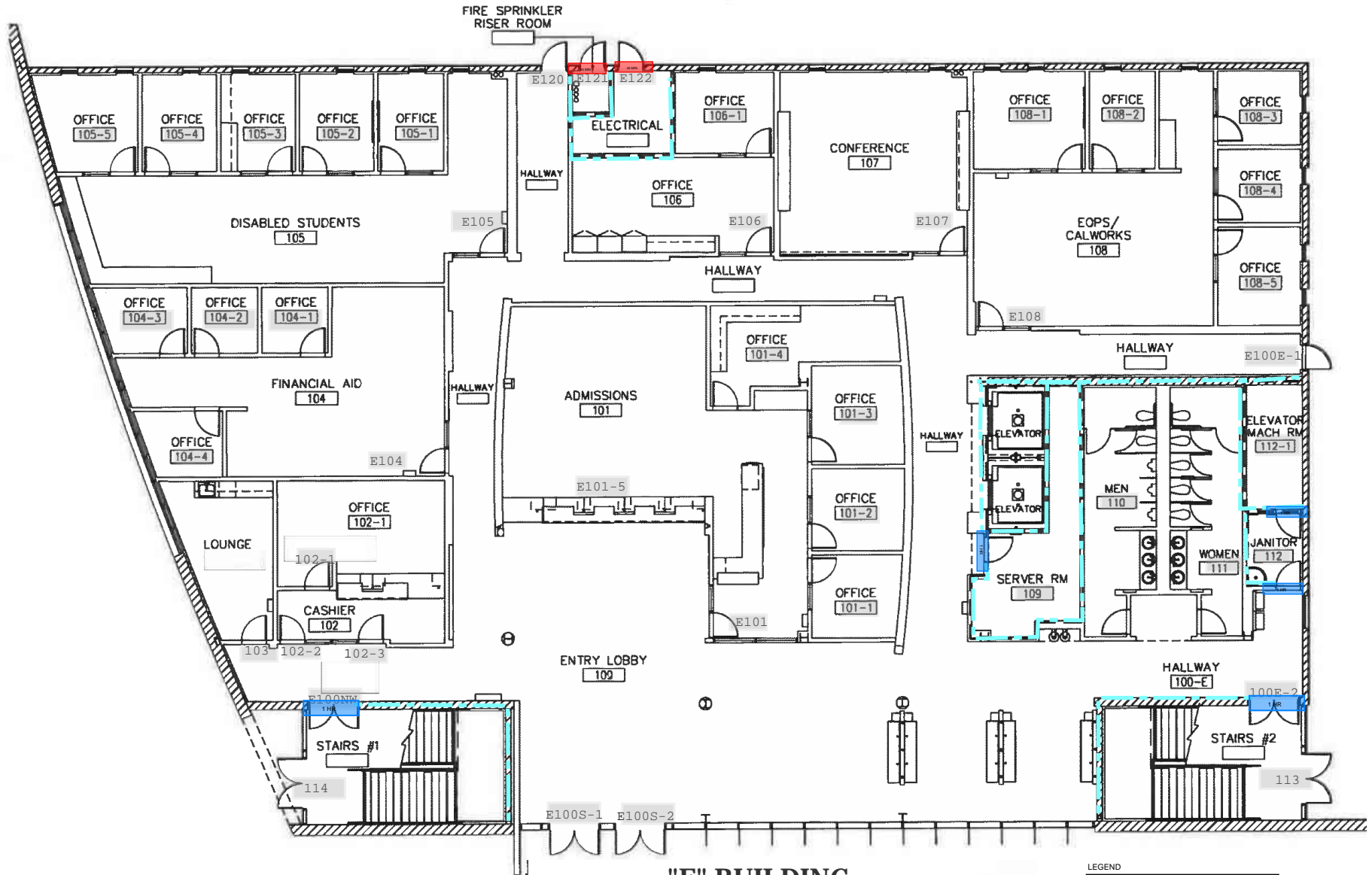


LEGEND

 20 MIN	20 MIN RATED DOOR
 1 HR	1 HR RATED DOOR
	1 HR FIRE RATED WALL

"D" BUILDING
CAREER SERVICE/MATH CENTER
SECOND FLOOR



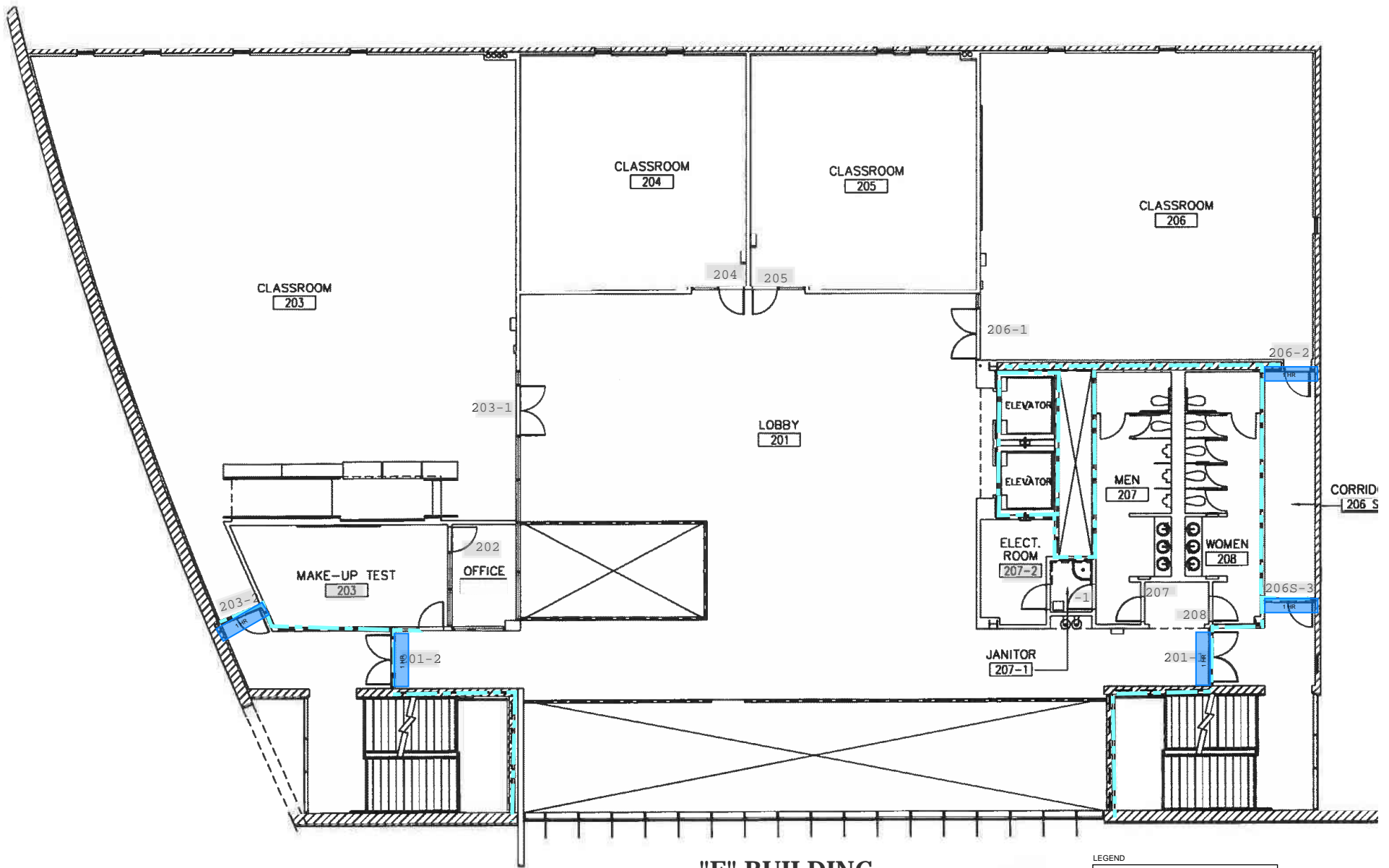


**"E" BUILDING
ADMIN/FACULTY/CLASSROOMS
FIRST FLOOR**



LEGEND

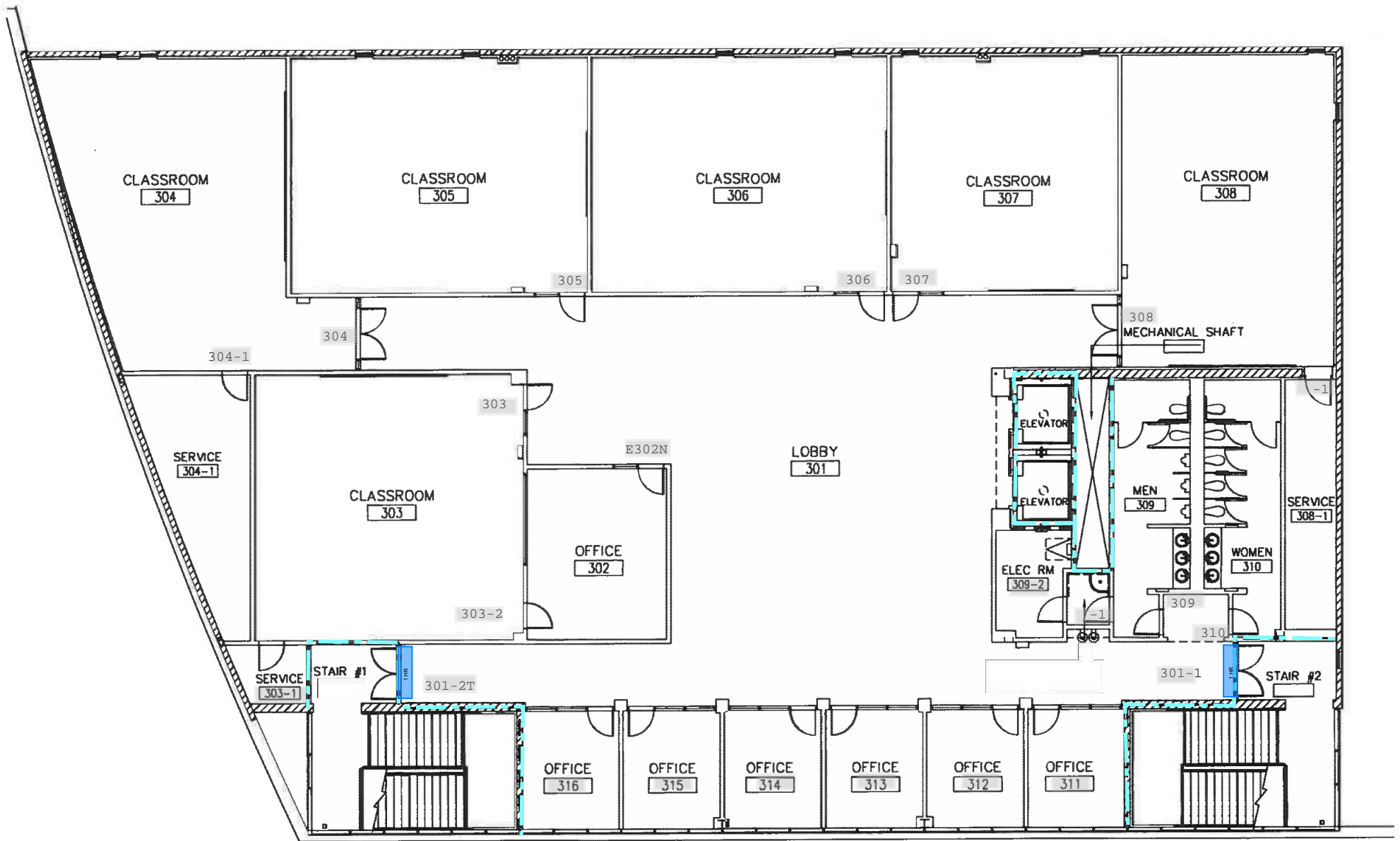
■ 45 MIN	45 MIN RATED DOOR
■ 1 HR	1 HR RATED DOOR
■	1 HR FIRE RATED WALL



**"E" BUILDING
ADMIN/FACULTY/CLASSROOMS
SECOND FLOOR**



LEGEND	
—	45 MIN RATED DOOR
—	1 HR RATED DOOR
—	1 HR FIRE RATED WALL



**"E" BUILDING
ADMIN/FACULTY/CLASSROOMS
THIRD FLOOR**







LEGEND

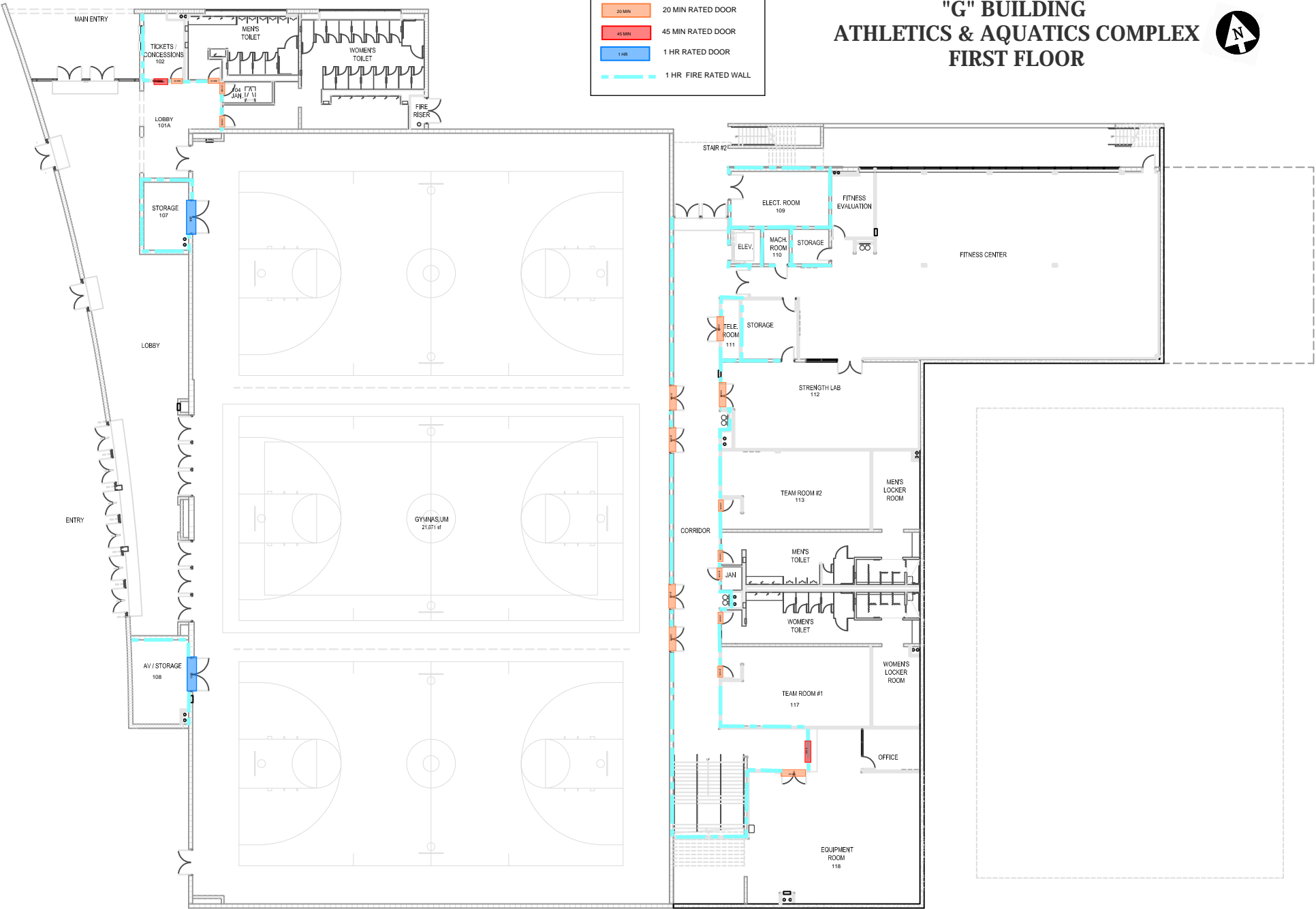
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

"G" BUILDING ATHLETICS & AQUATICS COMPLEX FIRST FLOOR



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL



"G" BUILDING ATHLETICS & AQUATICS COMPLEX SECOND FLOOR



LEGEND

	20 MIN RATED DOOR
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

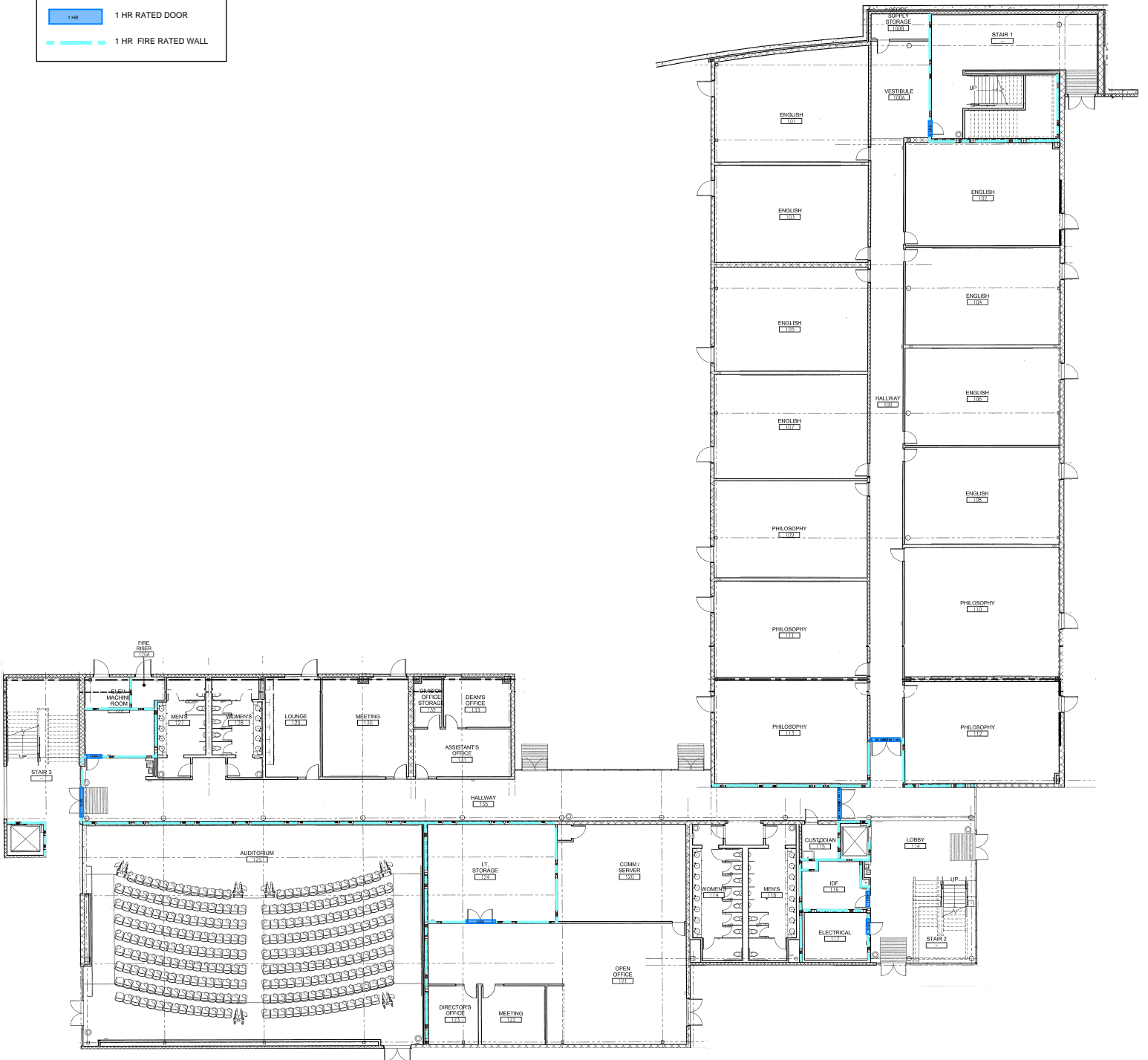


"H" BUILDING HUMANITIES FIRST FLOOR



LEGEND

	1 HR RATED DOOR
	1 HR FIRE RATED WALL



"H" BUILDING HUMANITIES SECOND FLOOR



LEGEND

	1 HR RATED DOOR
	1 HR FIRE RATED WALL



"H" BUILDING HUMANITIES THIRD FLOOR



LEGEND

- 1 HR RATED DOOR
- 1 HR FIRE RATED WALL

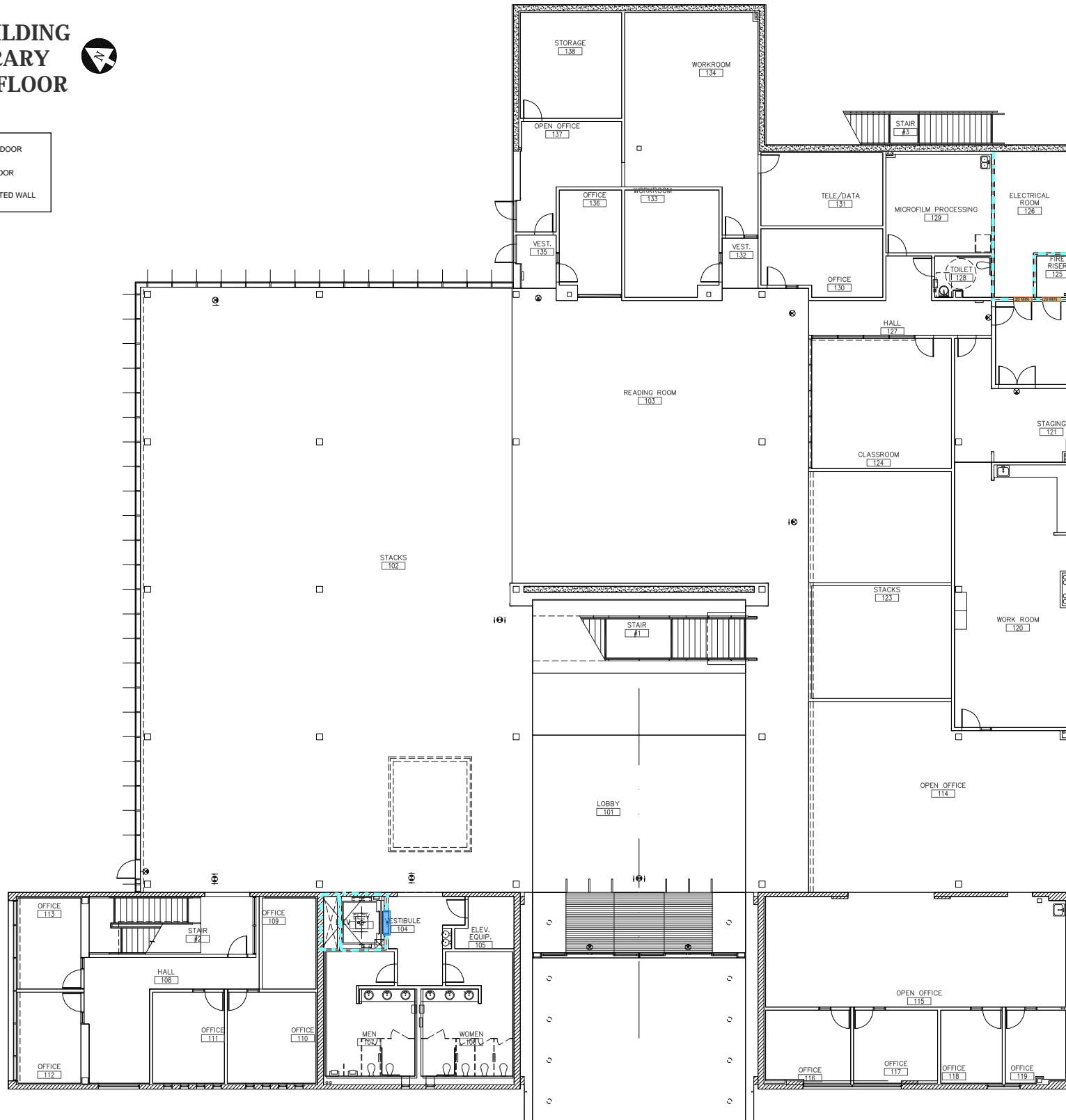


"L" BUILDING LIBRARY FIRST FLOOR



LEGEND

	20 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

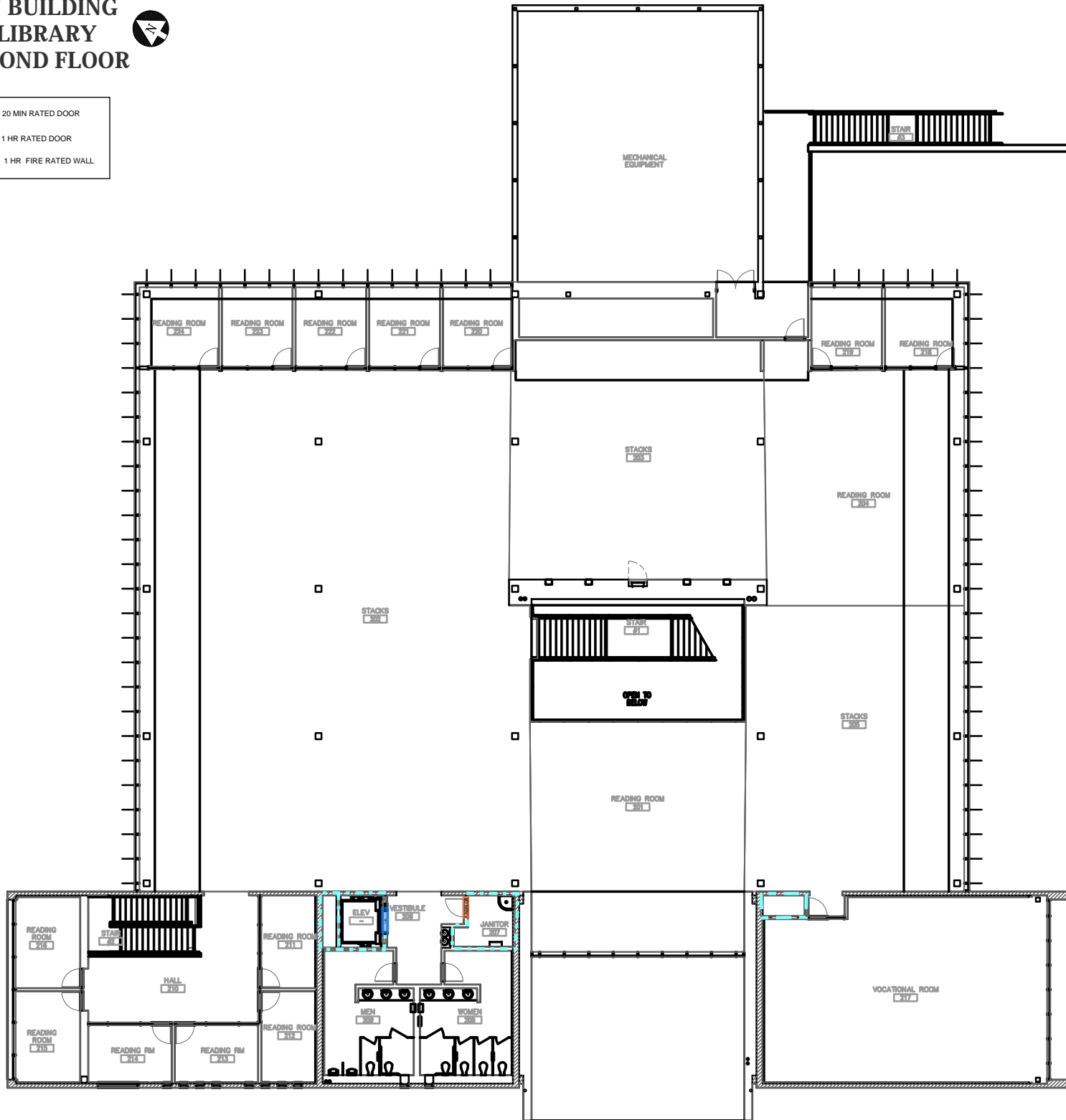


"L" BUILDING LIBRARY SECOND FLOOR



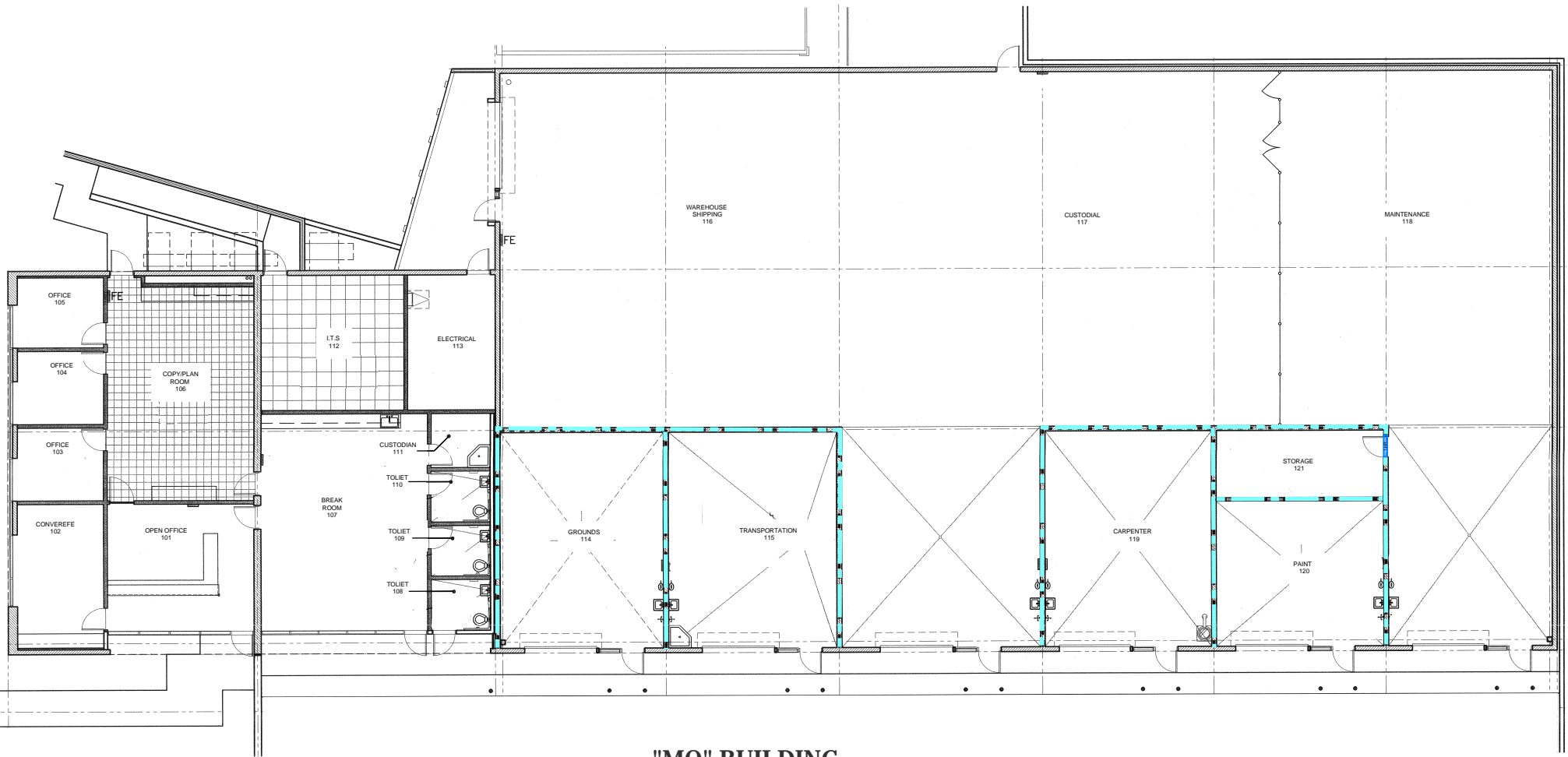
LEGEND

	20 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL



LEGEND

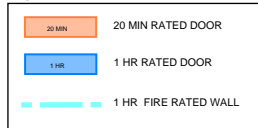
	1 HR RATED DOOR
	1 HR FIRE RATED WALL



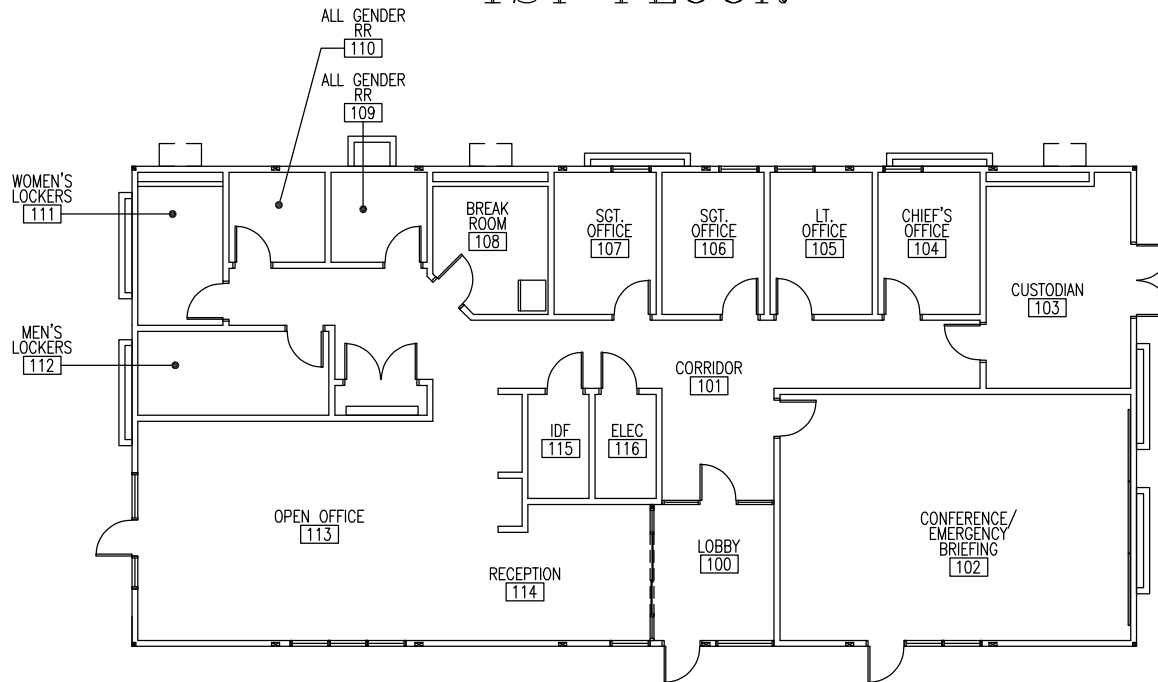
"MO" BUILDING
MAINTENANCE &
OPERATIONS



LEGEND



”S” BLDG. CAMPUS SAFETY 1ST FLOOR



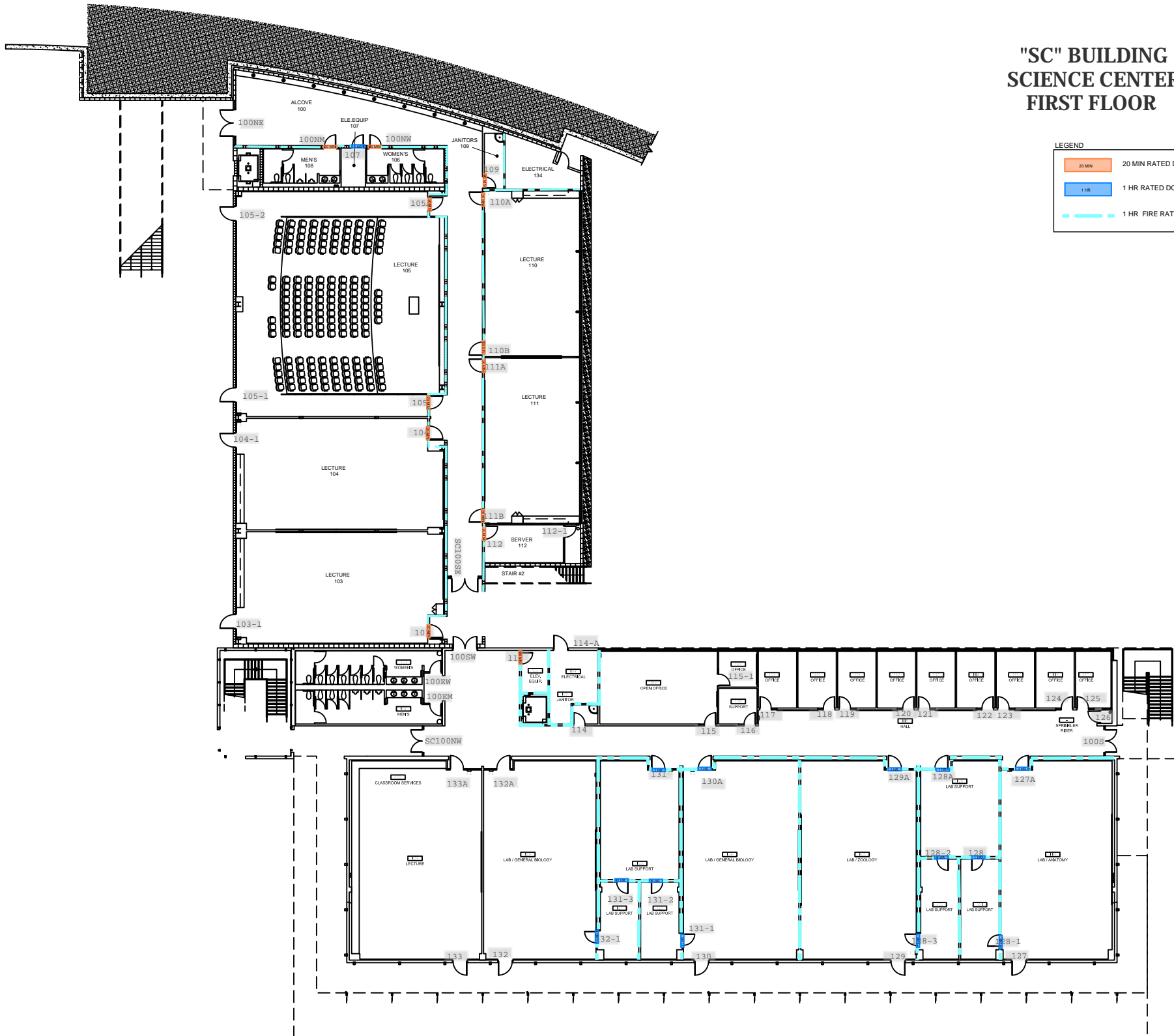
NO FIRE-RATED ASSEMBLIES OR OPENINGS

"SC" BUILDING SCIENCE CENTER FIRST FLOOR

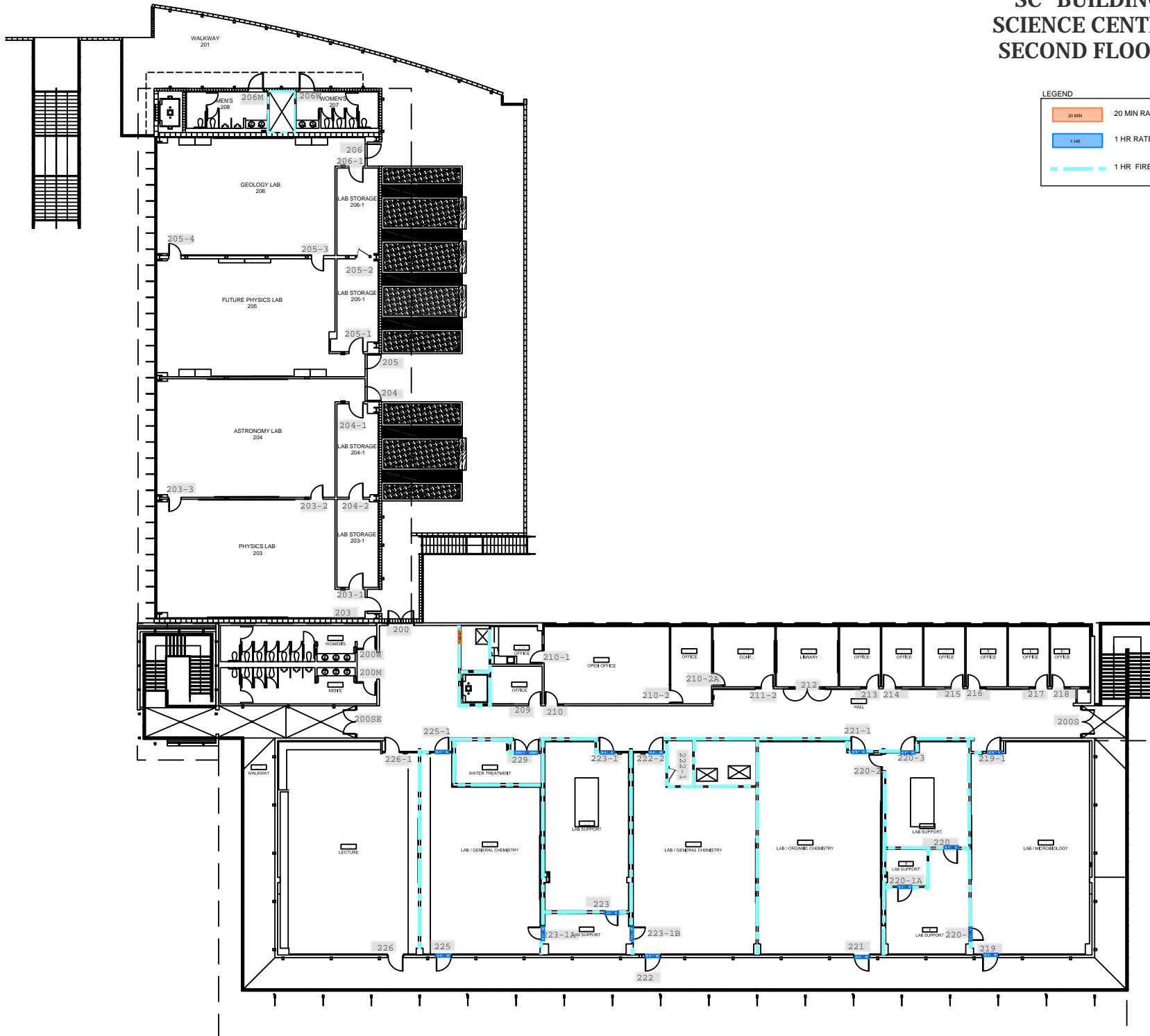


LEGEND




	20 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL






"SC" BUILDING SCIENCE CENTER SECOND FLOOR



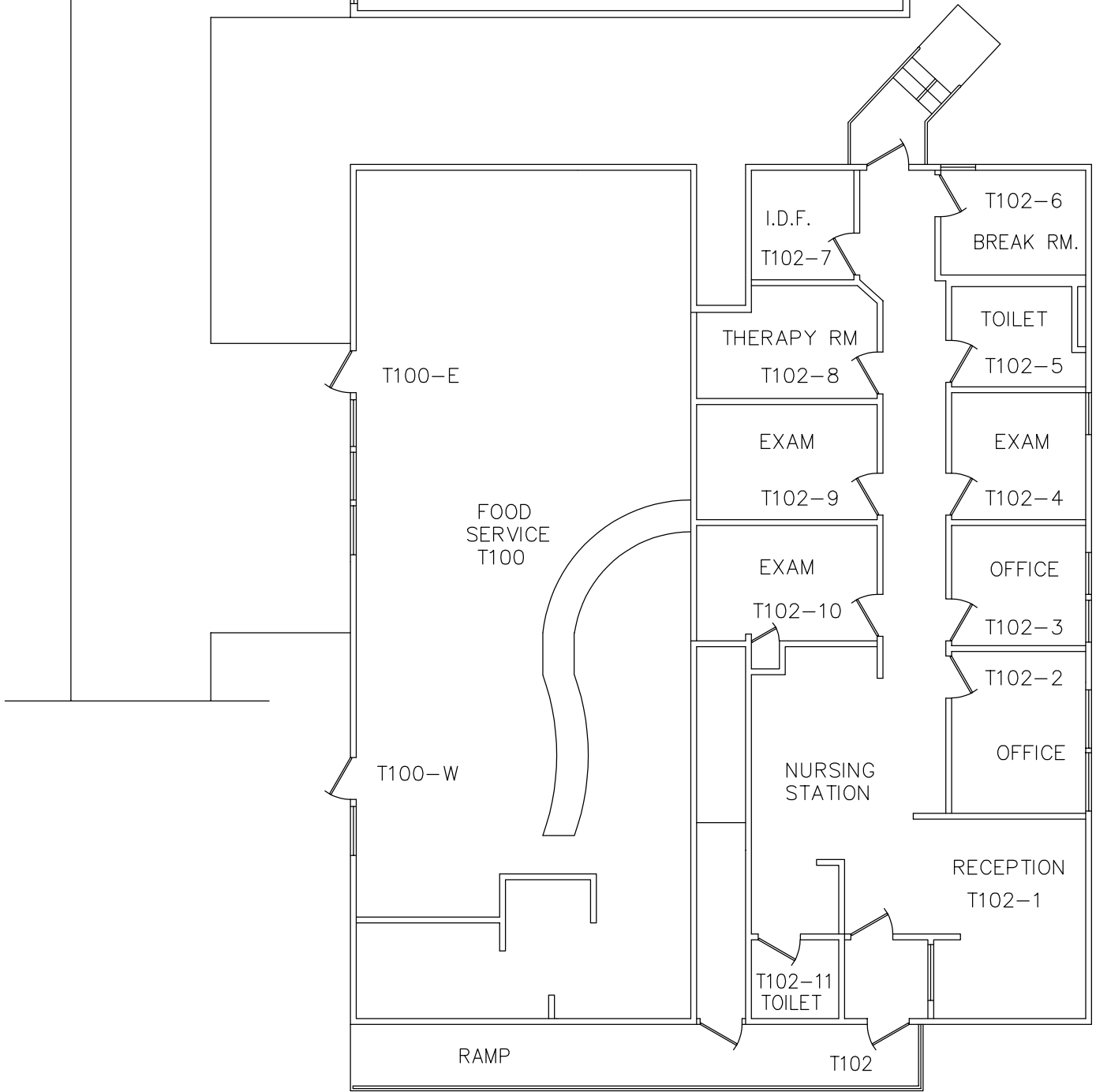
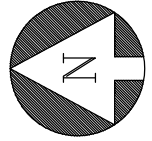
LEGEND

	20 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

"T" BLDGS SCC STUDENT CENTER

	20 MIN	20 MIN RATED DOOR
	1 1/2 HR	1 1/2 HR FIRE RATED WALL
	1 HR	1 HR FIRE RATED WALL

NO FIRE RATED ASSEMBLIES
OR OPENINGS





"U" BLDGS.
BUSINESS AND CAREER EDUCATION
COMMUNITY SERVICES CONT. ED.
CLASSROOMS AND OFFICES



NO FIRE RATED ASSEMBLIES
OR OPENINGS

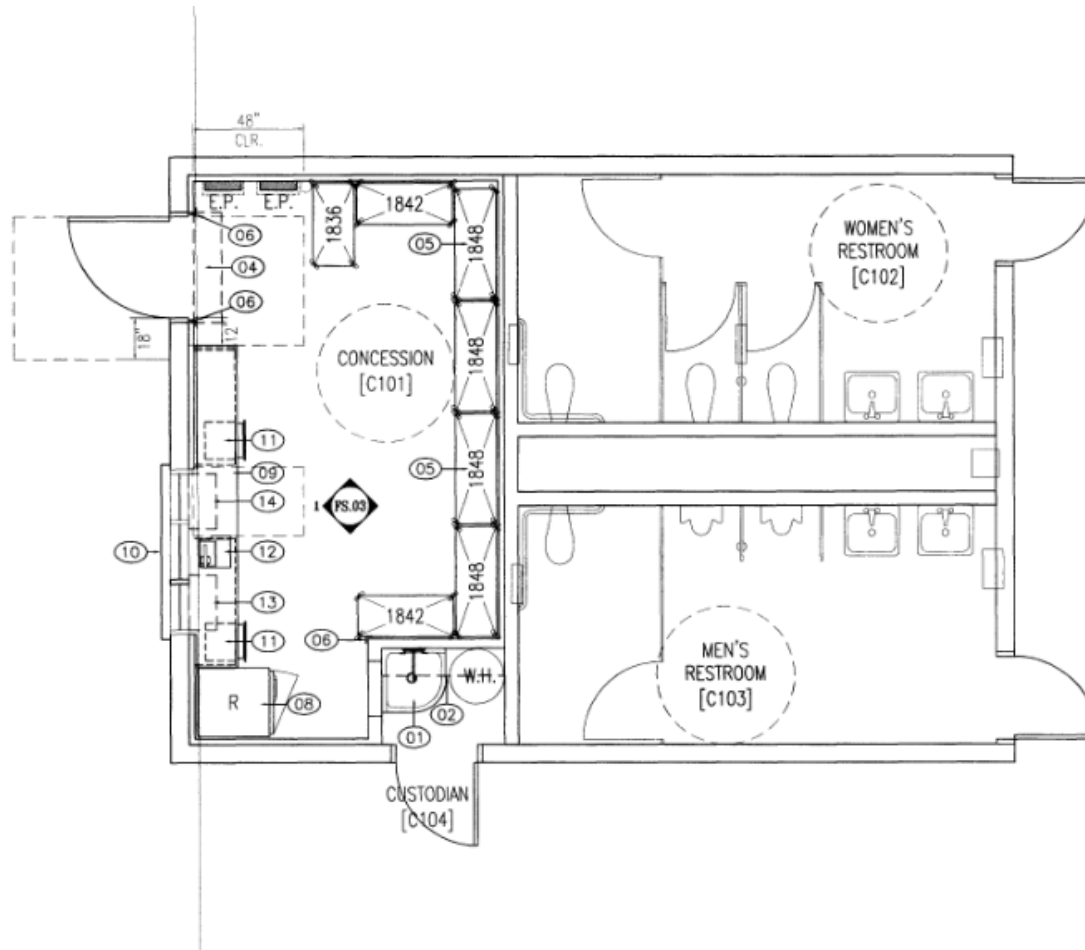


CONCESSIONS BUILDING

20 MIN	20 MIN RATED DOOR
1 1/2 HR	1 1/2 HR FIRE RATED WALL
1 HR	1 HR FIRE RATED WALL







NO FIRE RATED ASSEMBLIES
OR OPENINGS

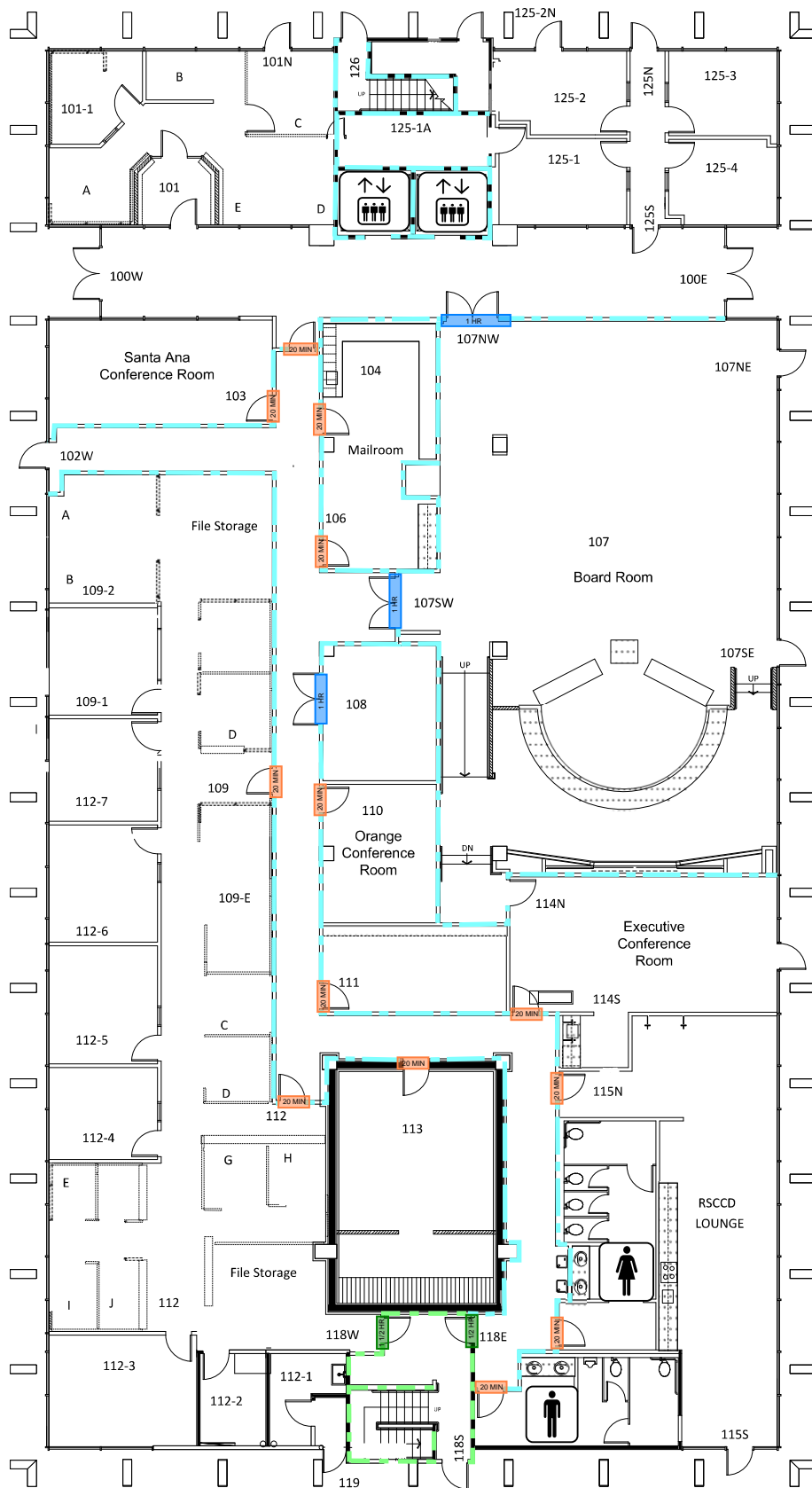


DISTRICT OPERATIONS CENTER (DOC)





LEGEND

	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

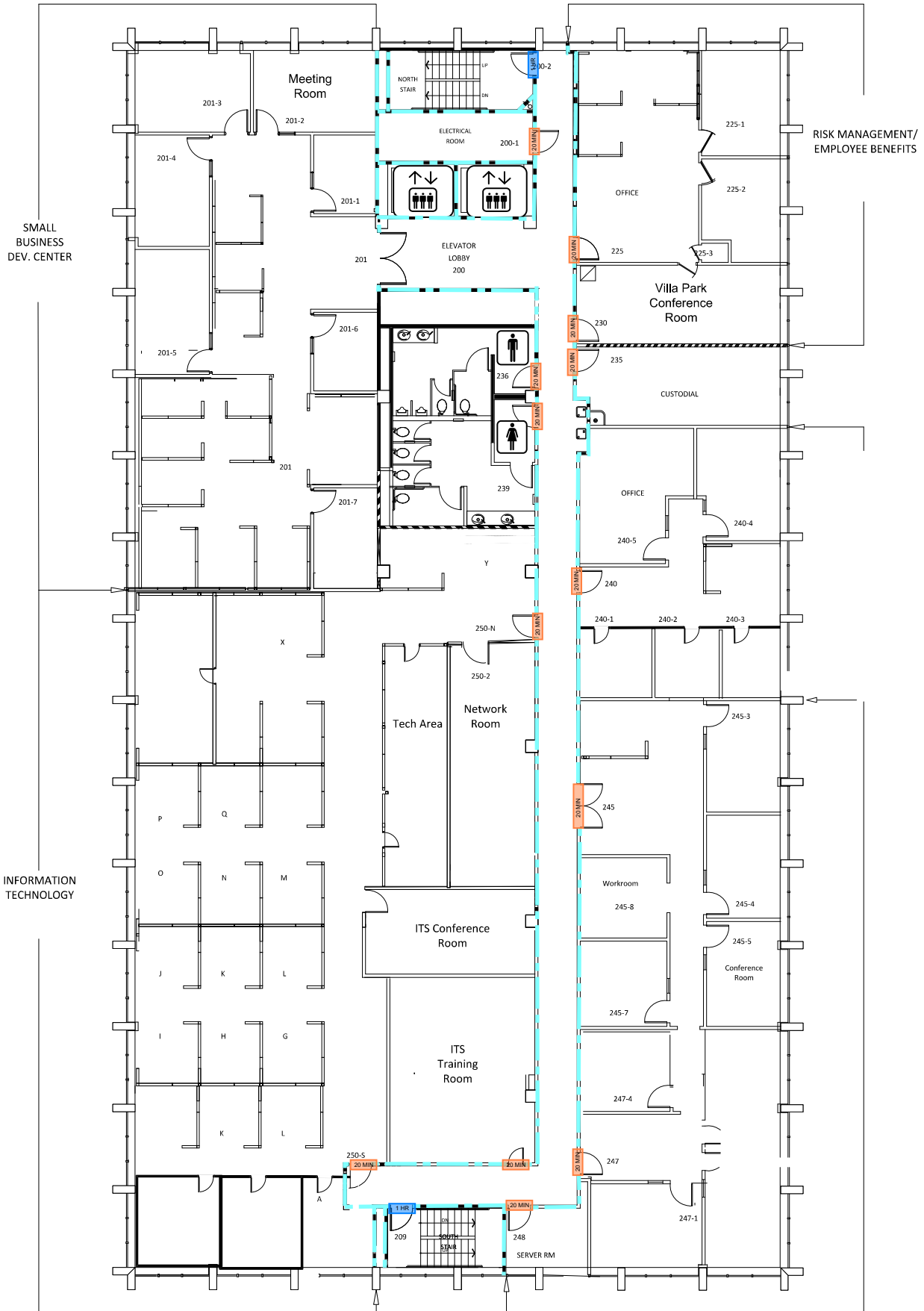
RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT OFFICE FIRST FLOOR



LEGEND

	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL

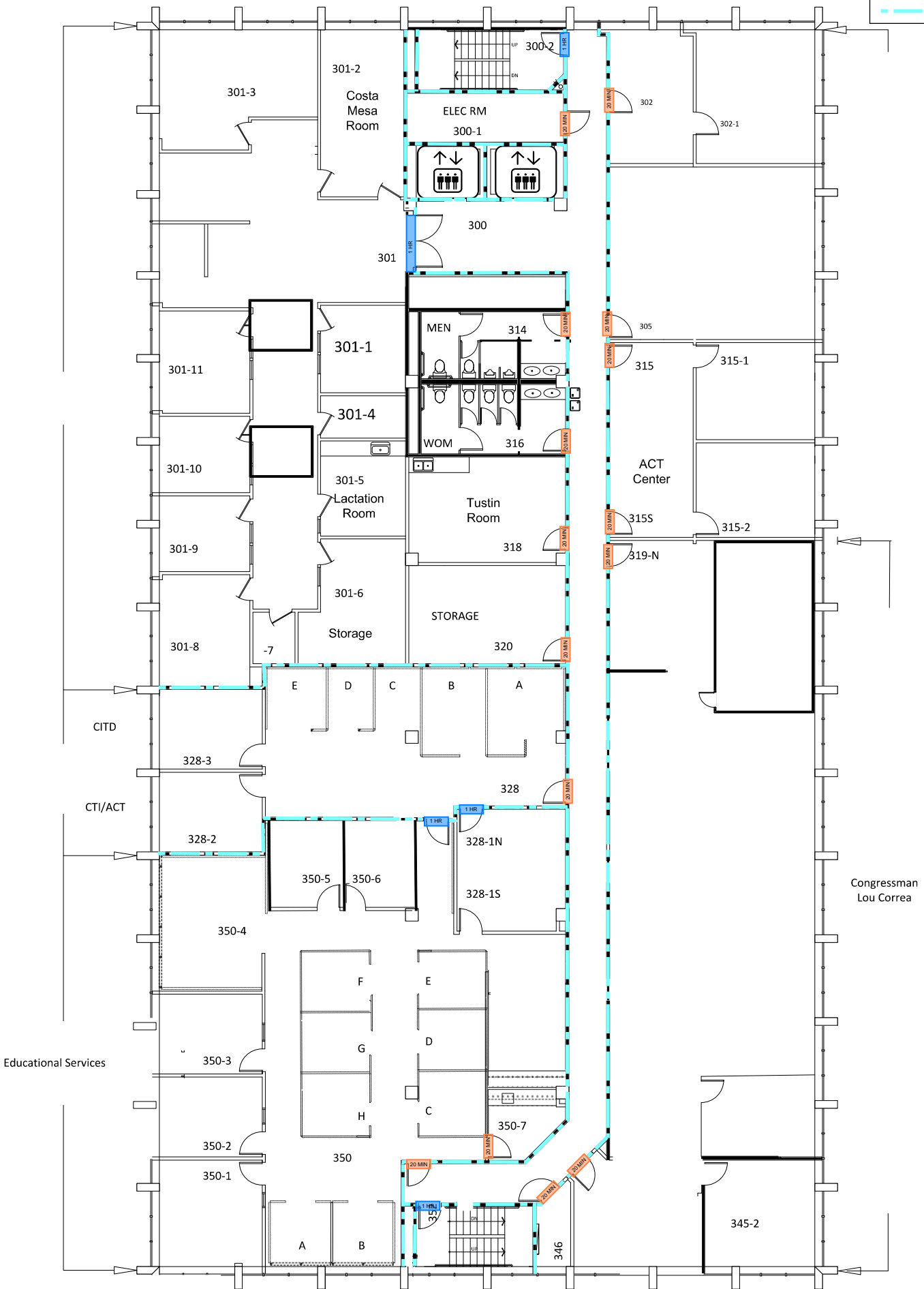
RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT OFFICE SECOND FLOOR



RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT OFFICE THIRD FLOOR



LEGEND	
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL



Congressman
Lou Correa

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT OFFICE FOURTH FLOOR



LEGEND	
	45 MIN RATED DOOR
	1 HR RATED DOOR
	1 HR RATED DOOR
	1 HR FIRE RATED WALL



**EXHIBIT B – LIST OF BUILDINGS REQUIRING FIELD
OBSERVATION TO DETERMINE FIRE RATINGS**

Santa Ana College

- Building D
- Building E
- Building G
- Building H
- Building J
- Building L (Prior to 1991 Addition)
- Building P
- Building S
- Building T
- Building Z

Santiago Canyon College

- Building A
- Building B
- Building C