North Branch Area Schools
E-Rate 2024-25

North Branch Area Schools
6655 Jefferson Street
North Branch, MI 48461

The North Branch Area Schools Board of Education is accepting sealed proposals to provide A district wireless upgrade for North Branch Area Schools in accordance with the specifications, terms and conditions stated herein.

Bid Process: Bid specifications and documents may be downloaded from www.nbbroncos.net Request for Bid tab in main menu.

All sealed bids must be either mailed or hand delivered to the North Branch Educational Services Center, Superintendent's Office, at 6655 Jefferson Road, North Branch, MI 48461 on or before Monday, January 26, 2024 at 1:00 pm (local time). All bids must be in a sealed, plain envelope marked "Wireless Upgrade".
Proposals received after the designated date and time shall not be accepted or considered. The winning bid will be taken for approval at the North Branch Board of Education meeting on February 12,2024.

North Branch Area Schools reserves the right to accept or reject any or all bids and to waive all irregularities in Proposals. Proposals shall remain firm for forty-five (45) days from the date of Bid Opening. A 5% Bid Bond must accompany each bid submitted. Each bid shall be accompanied by a sworn and notarized Familial Relationship Affidavit in addition to the Iran Business Relationship Affidavit. 100% Performance, labor and Material Bond will be required of the winning bidder.

Including in this document are:

1) Instructions to bidders
2) General Notes
3) Project Specifications and Timelines
4) Equipment Form
5) Familial disclosure act
6) Iran Economic Sanctions Act form

Contact: Any questions regarding the Wireless Upgrade specifications should be directed to the Director of Technology, Mark Brown at (810)-688-7999 or mbrown@nbbroncos.net.

The Board of Education reserves the right to reject any and/or all bids in whole or in part and to waive any informalities therein. The Board of Education reserves the right to accept that bid which in its opinion, is in the best interest of the District.

E-Rate Funding:

The project herein is contingent upon the approval of funding from the Universal Service Fund's Schools and Libraries Program, otherwise known as E-Rate. Even after award of contract(s) and/or E-rate funding approval is obtained, the District may or may not proceed with the project, in whole or in part. Execution of the project, in whole or in part, is solely at the discretion of the District. The District expects Service Providers to make themselves thoroughly familiar with any

rules and regulations regarding the E-rate program. Goods and services quoted shall be clearly designated as “E-rate Eligible”. Non-eligible goods and services shall be clearly identified as 100% non-eligible or shall be “cost-allocated” to show the percentage of eligible costs.

Project Specifications and Timelines:

North Branch Area Schools (NBAS) is seeking to upgrade its wireless network infrastructure, which includes replacing and adding access points, and network cabling. The proposed solution must meet or exceed the functionality and performance requirements outlined in this document and have the ability to replace the current solution at NBAS with adequate room for future growth.

Bids Available: December 29, 2023
Mandatory Walkthrough: January 8, 2024, 3:00 p.m. North Branch High School
Question Submissions: Please submit by January 15, 2024, Noon
Q&A Responses: Posted to USAC by January 17, 2024, 5:00 PM
Bid Opening January 26, 2024; 1:00 p.m.
Anticipated Board of Education Award: February 12, 2024
Project completion: August 16, 2024

Scope of This Request:

The scope of work includes all programming, procurements and installation, removal and disposal of existing equipment, documentation, testing and training. Bidders shall include all required equipment and accessories for a turn-key solution. The installer will work with the Technology Department at NBAS to determine what to do with the removal or disposal of existing equipment. NBAS reserves the right to purchase materials and installation services from different vendors. NBAS reserves the right to reduce the amount of materials and services related to the budget of the Wireless Upgrade project. Bidders will include a spreadsheet that breaks down the costs in the following categories: Model/make of each piece of equipment, price per unit of equipment, total for equipment, and total cost for labor.

The proposed solution must meet the following requirements:

Network Cabling:

1. Network cabling must be CAT6a plenum
2. Network drops will be labeled with MDF/IDF#, patch panel (A, B, C), port number
    a. Example: MDF-A-01, IDF2-B-01.
3. The installer will pull cable from the nearest network closet to the data drop through existing raceway.
4. The installer will provide a faceplate and wiremold when needed at the data drop that will accommodate the location's number of data ports.
5. The installer will provide connection ports at the data drop using manufacturers recommended keystone jacks for each port.
6. Cable management will be neat, organized, and labeling will be at the drop location in each classroom/location and at the switch in the network closet.
7. The installer will include cable management techniques to keep network closet/switch room neat and organized
8. At the conclusion of work at each building, please provide documentation of cabling work as follows:

School district is seeking bids for the items listed. - Equivalent items will be considered. - Please contact Technical Contact listed on this 470 with any questions.

Desired quantities and part numbers of equipment:

Qty	Part #	Description
182	910-R670-US99	Ruckus R770 Wi-Fi 7 tri-band concurrent wireless access point with 2x2 (2GHz) + 4x4 (5GHz) + 2x2 (6GHz) RF configurations. Wi-Fi 7 support in all three frequency bands. 6GHZ band supports LPI mode AND SP mode with full AFC.
10	901-R770-US00	Ruckus R770 Wi-Fi 7 tri-band concurrent wireless access point with 2x2 (2GHz) + 4x4 (5GHz) + 2x2 (6GHz) RF configurations. Wi-Fi 7 support in all three frequency bands.
192	902-1180-US00	Multigigabit PoE injector (2.5/5/10)-BaseT PoE port, 60W
1	LE9-VSCG-WW05	E-Rate Virtual SmartZone 3.0 or newer software virtual appliance, 1 instance, includes 5 Yr E-Rate Warranty, AP license with 5 year E-Rate Warranty
192	CLD-BNDL-SZWA-EDU5	E-RATE SZ AP Mgmt License for SZ-144/vSZ. Includes AP 5yr Warranty, includes RUCKUS Analytics 5yr. **For APs**
68	CLD-BNDL-SZWA-EDU5	E-RATE SZ AP Mgmt License for SZ-144/vSZ. Includes Switch 5yr Warranty, includes RUCKUS Analytics 5yr. **For Switches**
12	Cat 6a network drop	3x North Branch High School, 2x Ruth Fox Middle School, 4x North Branch Elementary, 3x Quest High School

Most access points will be installed in place of existing AP's so please remove existing and install new AP's on the existing cabling. North Branch Area Schools will provide a VM host to install Virtual Smart Zone on. We require full configuration of the VsZ, Ruckus Analytics, and all other related components of the wireless system. Please include up to four hours of training on the new VsZ and Analytics.

Please provide a base bid for Wi-Fi 7 access points and an alternate bid for Wi-Fi 6E access points.
Reference models are as follows:
Classroom Model: – R670, alternate R560
High Density Model: R770, alternate R760

<u>Equivalent items will be considered</u>.

Familial Relationships

As required by Michigan Law (P.A. 232 of 2004), all proposals/bids must be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the Owner or employee of the bidder and any member of the North Branch Schools district or North Branch School District School Board. The Board will not accept a bid that does not include this sworn and notarized statement.

FAMILIAL DISCLOSURE STATEMENT

All bidders must complete the following familial disclosure form in compliance with MCL 380.1267 (Public Act 232 of 2004) and attach this information to the bid.

By the attached sworn and notarized statement, we are disclosing the following familial relationship(s) that exists between the owner or any employee of the bidder and any member of the school board, the superintendent, chief financial officer, administrator, or supervisor of the public school district. North Branch Area Schools shall not accept a bid that does not include this sworn and notarized disclosure statement.

Disclose any familial relationship and complete the form below in its entirety:

The following are familial relationships as described above (provide employee name, family contact name, family contact position, and familial relationship or NONE.)

_____

_____

_____

_____

_____

Signature(s): _____ Title:_____

Name of firm:_____

STATE OF_____)
)ss.
COUNTY OF _____)

On this _____day of_____ , 20___ , before me a Notary Public in and for said county,

personally appeared _____, agent of the said firm and who acknowledged the same to be his free act and deed as such agent.

_____
Notary Public

AFFIDAVIT OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT
Michigan Public Act No. 517 of 2012

The undersigned, the owner or authorized officer of _____ (the "Bidder"), pursuant to the compliance certification requirement provided in the North Branch Area Schools ("The District") Request for Proposal hereby certifies, represents and warrants that the Bidder (including its officers, directors and employees) is not an "Iran Linked Business" within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the "Act"), and that in the event Bidder is awarded a Contract as a result of the aforementioned Request for Proposal, the Bidder will not become an "Iran Linked Business" at any time during the course of performing under the Contract.

The Bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than $250,000.00 or 2 times the amount of the Contract or proposed Contract for which the false certification was made, whichever is greater, the cost of The District's investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a Request for Proposal for three (3) years from the date the it is determined that the person has submitted the false certification.

BIDDER:

_____
Name of Bidder
By:_____
Its: _____
Date: _____

STATE OF_____)
)ss.
COUNTY OF _____)

This instrument was acknowledged before me on the _____day of _____,2023
, by_____ .

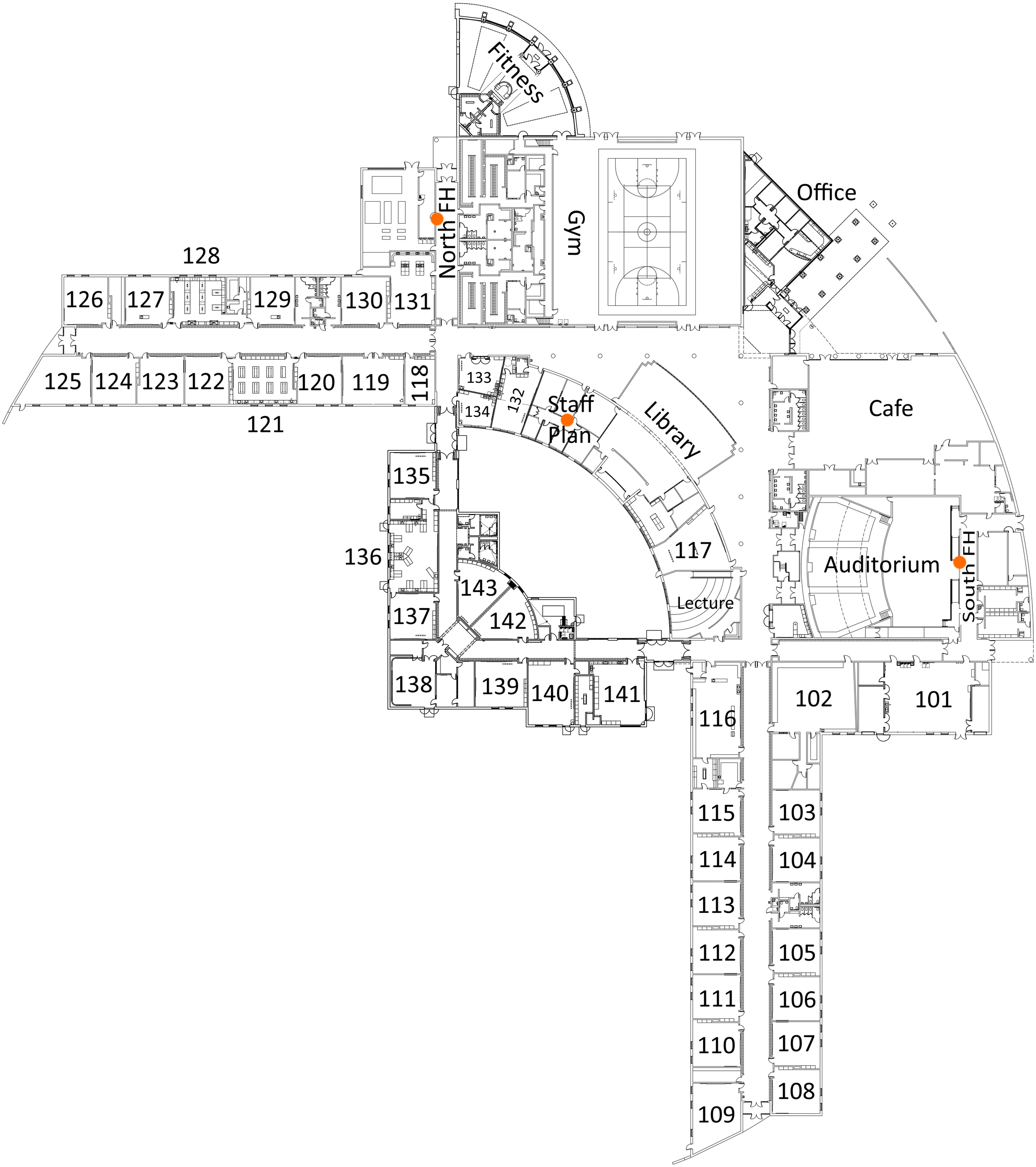
_____

, Notary Public

_____County,_____

My Commission Expires:_____

Acting in the County of:_____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Staff
Plan
Library
Cafe
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Lecture
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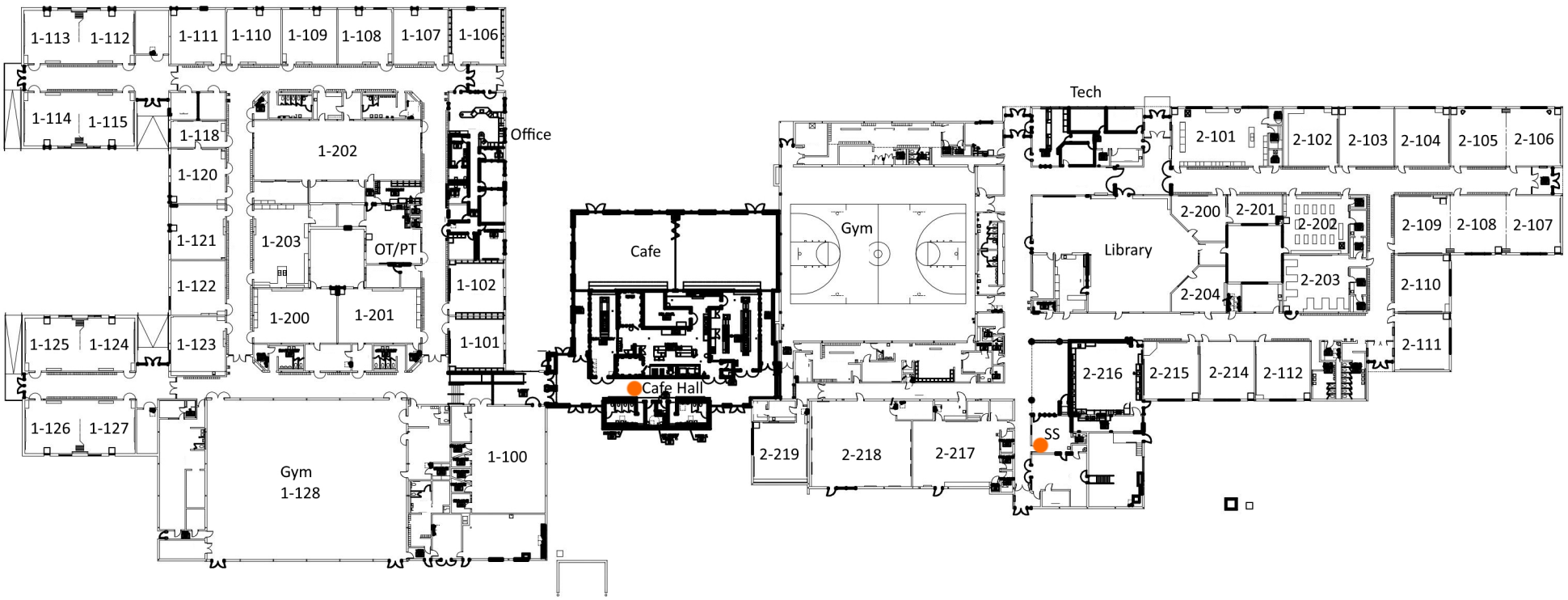
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1-101
1-100
Gym
1-128
Cafe
Cafe Hall
Gym
Tech
Library
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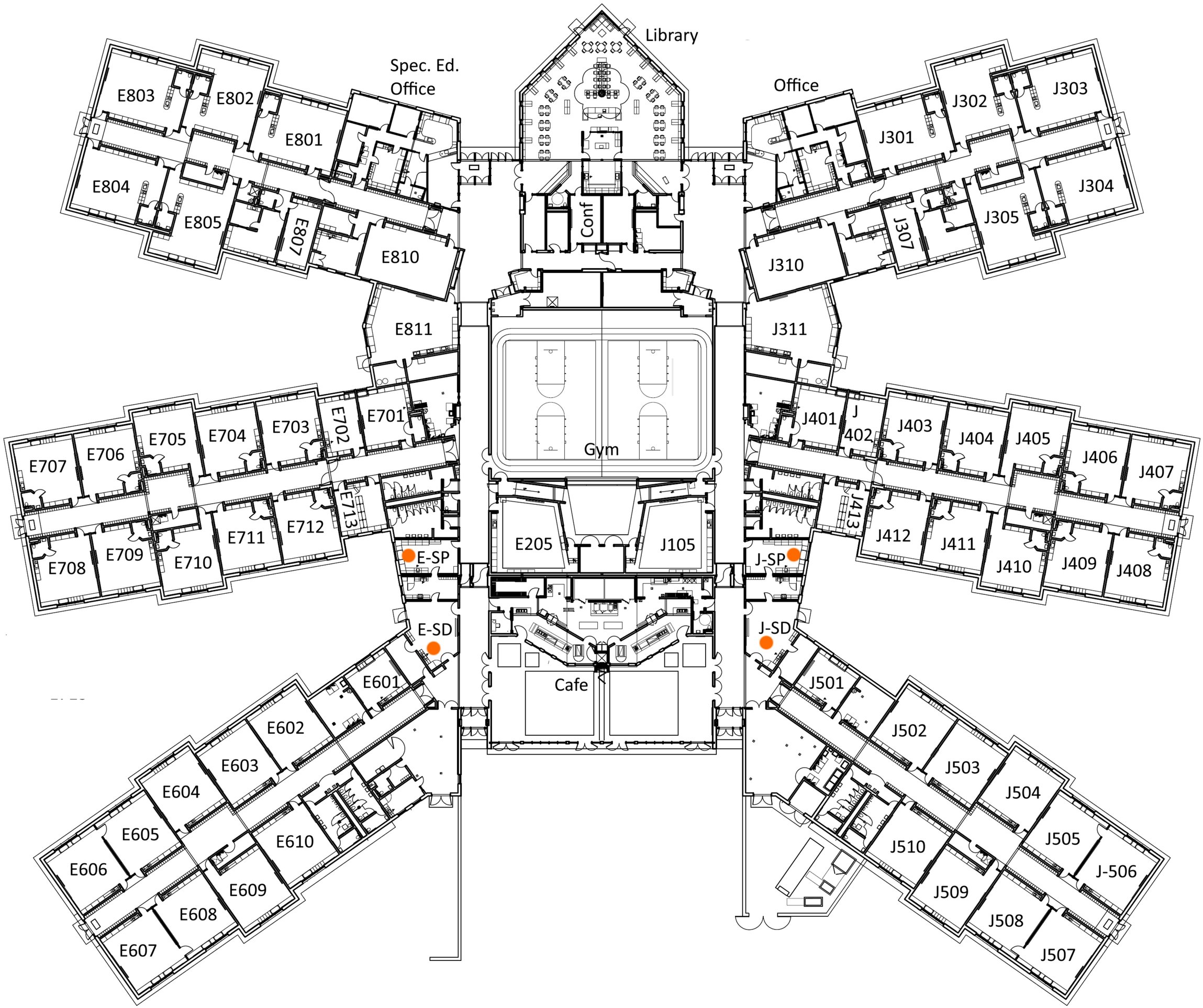
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Office
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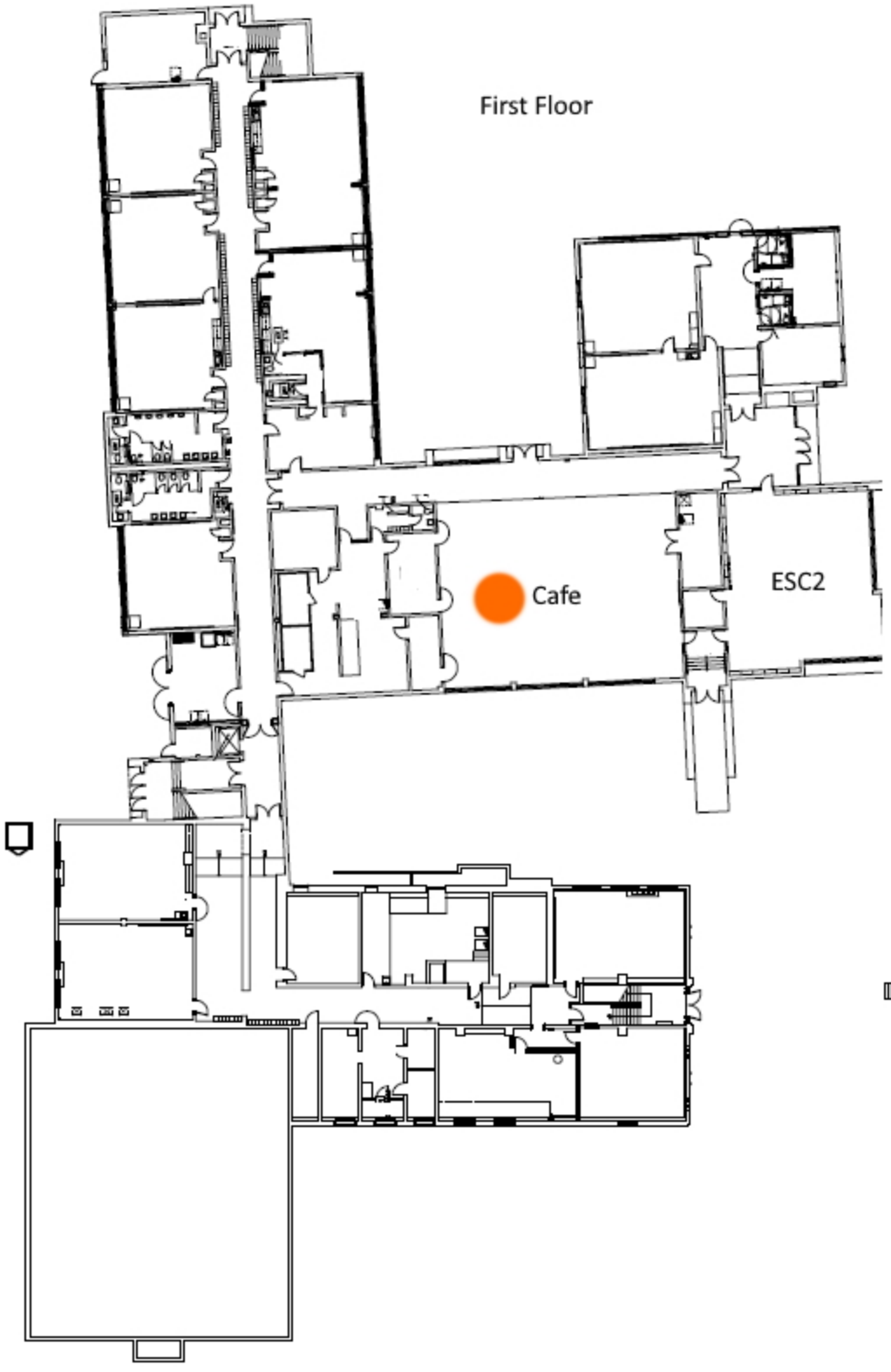
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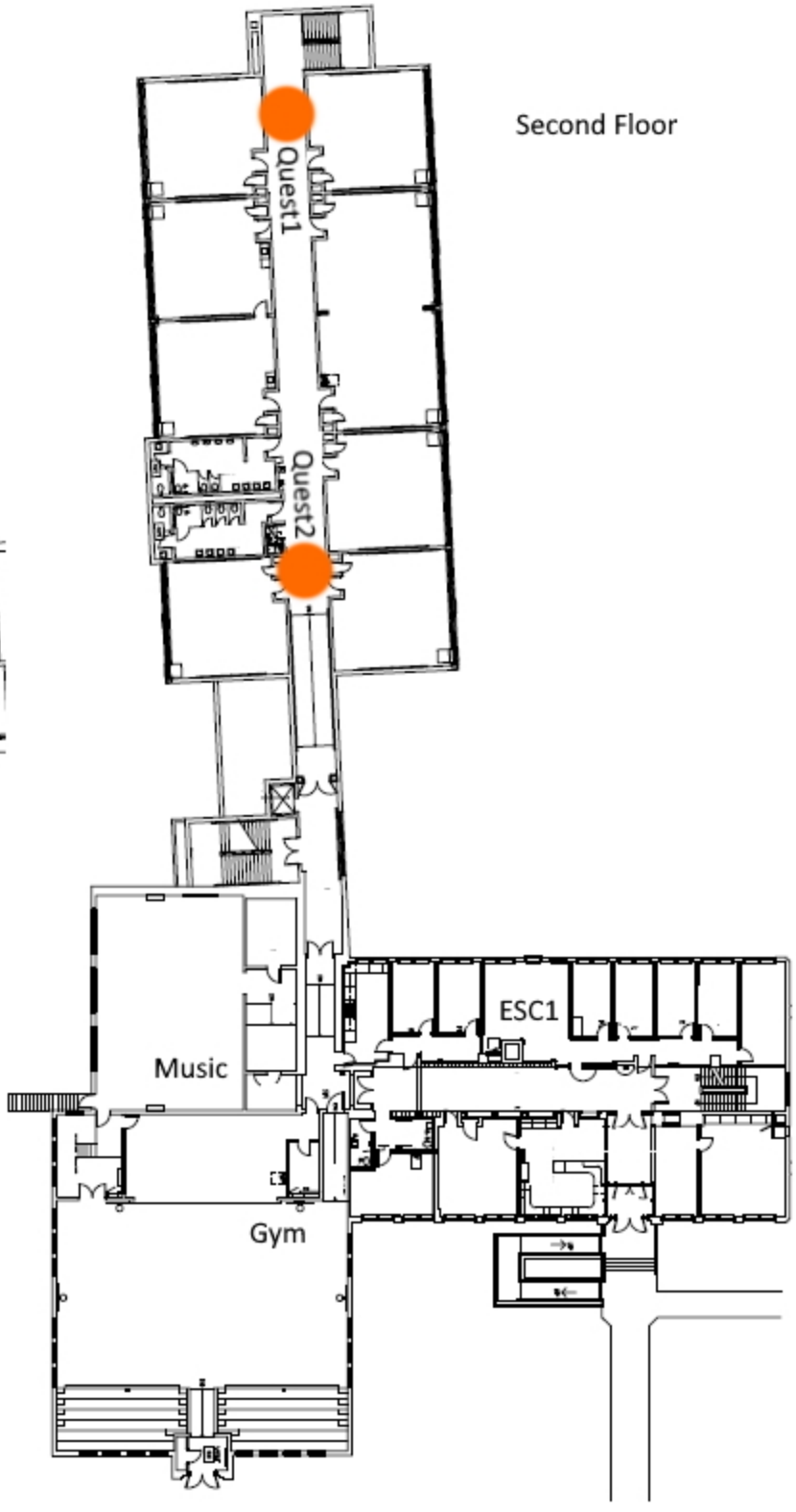
Cafe
ESC2


Second Floor
Quest1
Quest2
Music
ESC1
Gym