

**COLLEGE OF DUPAGE**  
**ORGANIZATIONAL & REGULAR BOARD MEETING**

**BOARD APPROVAL**

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1. **SUBJECT**

Data Cabling for Security Cameras

2. **REASON FOR CONSIDERATION**

A single purchase exceeding the statutory limit of \$25,000 must be approved by the Board of Trustees.

3. **BACKGROUND INFORMATION**

The College seeks to enhance its video surveillance system on campus. Areas of coverage in the BIC, SRC, and SSC were designed and installed in 2011-2012. At that time, analog, low-resolution cameras were the standard. By upgrading to new camera technology, the College will benefit from higher resolution images, simplified installation, enhanced video control, and wider viewing angles. This purchase represents the installation of Ethernet cabling to support the new cameras. Camera hardware will be procured separately. As part of this project additional locations are being added to provide better coverage of public hallways and common areas. We anticipate this work to be completed by the end of June 2019.

A legal notice for an Invitation for Bids was published on February 20, 2019 in the Daily Herald; the invitation was also posted on the College of DuPage Purchasing Website, and distributed to in-district Chambers of Commerce and to the College of DuPage Center for Entrepreneurship. Sixteen (16) vendors were directly solicited. Twenty-nine (29) vendors downloaded the bid document. A Pre-Bid meeting was held on February 28, 2019 at 2:00 p.m. in the College of DuPage Berg Instructional Center Room (BIC 1B03A). A public opening of the bids was held on March 20, 2019 at 4:00 p.m. in the College of DuPage Purchasing Department Conference Room (BIC 1B03A). The following individuals were in attendance: John McGarry (COD Buyer/Facilitator), Anne Marie Dando (COD Purchasing Assistant/Recorder), Jacoby Radford (COD Purchasing Manager), Keith Zeitz (COD Manager, Office & Classroom Technology), Michelle Resnick (COD Manager, Accounts Receivable/Agent of the Board) and representatives from two (2) companies. Four (4) bids were received. One (1) women/minority owned business submitted a bid.

The recommended award is to the lowest responsible bidder. The following is a recap of the of the bid tabulation:

Vendor	Total Base Bid
<b>Ficek Electric &amp; Communication Systems, Inc</b>	<b>\$37,519.00</b>
Advanced Wiring Solutions	\$45,725.00
JMA Construction, Inc.	\$61,950.00
Peak Electric, Inc.	\$85,746.00

Budget Status

GL Account	FY2018	FY2019		
	YTD Spend	Annual Budget	YTD Spend	Available Balance
01-90-90111-5304004	\$ 656,766	\$2,030,499	\$1,305,512	\$ 724,987
<i>IT Plan: IT Maintenance Services</i>				
			<b>FY2019 Request</b>	<b>\$ 37,519</b>

*\*YTD Spend equals actuals plus committed as of 4/1/19.*

This purchase supports Goal #8 of the Strategic Long Range Plan: Infrastructure-Maintaining, improving and developing structures, systems, and facilities necessary for the delivery of high quality education and meaningful cultural events; as well as Strategic Objective 8.2 to revise, integrate, and implement the Information Technology Strategic Plan in order to enhance student success, maximize institutional effectiveness and ensure hardware and software are reliable, secure (from data breaches) and are user friendly to students, employees and other stakeholders.

This purchase complies with State Statute, Board Policy and Administrative Procedures.

**4. RECOMMENDATION**

That the Board of Trustees awards the Data Cabling for Security Cameras bid to the lowest responsible bidder Ficek Electric & Communication Systems, Inc., 12 Gunia Drive, PO Box 1456, La Salle, Illinois 61301 for the total amount of \$37,519.00.

Staff Contact: Donna Berliner, Director, Information Technology Services

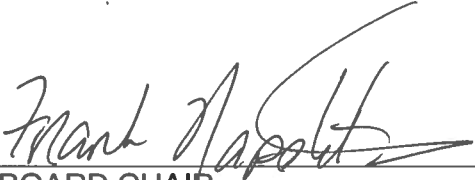
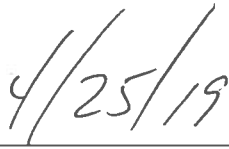


**BOARD APPROVAL**

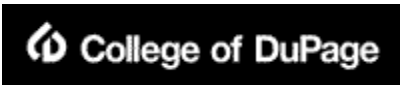
**SIGNATURE PAGE FOR**

Data Cabling for Security Cameras

**ITEM(S) ON REQUEST**

That the Board of Trustees awards the Data Cabling for Security Cameras bid to the lowest responsible bidder Ficek Electric & Communication Systems, Inc., 12 Gunia Drive, PO Box 1456, La Salle, Illinois 61301 for the total amount of \$37,519.00.

 BOARD CHAIR	 DATE
 BOARD SECRETARY	 DATE



**Purchasing Department**

425 Fawell Boulevard  
Glen Ellyn, Illinois 60137-6599  
PHONE (630) 942-2355  
FAX (630) 942-4322

**2019-B0028 Data Cabling for Security Cameras**

**ADDENDUM # 1**

**March 8, 2019**



This addendum is being issued to update the specifications and provide additional information.

This information becomes part of the Bid Documents upon receipt. Please review and incorporate into your Bid accordingly.

**For which Bids are scheduled to be received on March 20, 2019 no later than 4:00 p.m., Central Time.**

Bids will be received by the College of DuPage, District 502, at the office of the Purchasing Manager, Berg Instructional Center (BIC) Building, **Room 1B03**, 425 Fawell Blvd., Glen Ellyn, IL 60137.

**The signed Addendum acknowledgment is required to be returned with your Bid no later than the due date set forth for this Invitation to Bid.**

Below are clarifications to this bid:

**Section I. Clarification**

- 1. When will bid open publicly?

**Response: March 20, 2019 at 4:00 p.m. Central Time.**

- 2. Are we using existing pot or patch panel?

**Response: No. The cables will terminate into a RJ45 in the closet and will go directly into the switch.**

- 3. In regards to Panduit, will the College accept General Cable?

**Response: We would like to stay with Panduit standard.**

- 4. How are we terminating at the end? By port or biscuit?

**Response: RJ45 in the data closet. Camera side Panduit mini-com with one (or two) data surface mount jack cover.**

5. Are we supplying patch cables for jack in camera to biscuit?

**Response: No. COD will supply patch cords.**

6. Any required ceiling tags required to label indicated cable location?

**Response: Small piece of masking tape or electrical tape shall be placed on the grid indicating location of cable end.**

7. IDF's indicated on Bid. Is that what you're looking to utilize?

**Response: All cabling will need to go to the closet as detailed in the closet location table. Clarify any concerns with the project manager before pulling the cable.**

8. IDF's in closets? Are we good with fiber optics for switch?

**Response: There are no fiber optic cable pulls required for this project.**

9. What are the working hours?

**Response: 7:00 a.m. to 5:00 p.m. Monday through Friday unless agreed to by the College.**

10. Any requirements for spotters, ladders, lifts?

**Response: Follow all college's safety standards to insure students/ staff are not harmed. Follow OSHA guidelines to ensure a safe working environment.**

11. Any lifts on site we may utilize?

**Response: No.**

12. If Board approves in April, how soon would you start project?

**Response: As soon as the fully executed contract documents and purchase details are completed by both parties.**

13. Is there a completion deadline?

**Response: Our preference is that the project is completed prior to June 30, 2019.**

14. Is there anything to be done in the PE Building?

**Response: No.**

15. Is the equipment limited to Panduit?

**Response: Yes, See Response to Question 3.**

16. Is there an incumbent vendor you are sticking with or will you consider other vendors?

**Response: This is an open solicitation. The award of the contract will be to the lowest qualified responsive and responsible bidder whose bid complies with all the requirements prescribed.**

17. Is there any other cabling for this project?

**Response: No.**

18. Is there a separate vendor for the cameras?

**Response: COD will install cameras.**

19. Is the College expecting one point-of-contact between the vendor and College?

**Response: Yes, the project manager.**

20. Are the cords going to the basement fiber or copper?

**Response: There are no fiber optic cable runs required for this project.**

21. Is there a closet on every floor?

**Response: Closet locations are marked on drawings provided as part of the bid package.**

22. What does each closet represent?

**Response: Location where cabling end is terminated.**

23. What do we do with cabling? Termination points, slack, service loops, keep it all up top, bring it down?

**Response: The bid documents outline requirements for termination, slack, and service loops.**

24. Cables from Zero, where do they terminate?

**Response: Cables on floor zero terminate in closet and at marked locations on bid document.**

25. Regarding cabling in place, where will linking for it be extended?

**Response: Existing cable is to remain untouched. This project is to add new cable runs to new locations per the bid document.**

26. Is the wire Cat 6 now?

**Response: Yes.**

27. Are we using existing cable trays?

**Response: Yes.**

28. Can we go into existing cable tracks?

**Response: Yes.**

29. Do you require 24hr fire management?

**Response: Refer to the bid documents for fire stopping requirements.**

30. Is there access to a scissor lift?

**Response: No, this will be the responsibility of the vendor.**

31. Any camera's in north end of SRC by bookstore?

**Response: There is limited work in the SRC building.**

32. Does this project require a bid bond?

**Response: No, this project does not require a bid bond.**

33. Is the bidder required to provide an itemized estimate with the bid?

**Response: No, just a total base bid including all labor, materials, equipment and services as required to satisfactorily complete all work described.**

34. Is the Berg Instructional Center (BIC) the only building we are doing?

**Response: No.**

35. Are you expecting schematics from vendors?

**Response: No schematics. Cable test results are required per bid document.**

36. Any preference on jack color?

**Response: White/electric Ivory.**

37. Is there a preference on cable color?

**Response: White.**

**2019-B0028 Data Cabling for Security Cameras**

**ADDENDUM # 1**

**March 8, 2019**

.....

This signed Addendum is required to be returned with your Bid no later than the due date set forth for this Invitation to Bid. If you have already submitted your Bid, please submit this signed form via email to [purchasing@cod.edu](mailto:purchasing@cod.edu).

You can submit this completed addendum to the Purchasing Office by one of the means below:

***All issued addenda must be signed and returned to the College as per the instructions in the addenda or bid will not be accepted.***

**Section II. Acknowledgment**

You can submit this completed addendum to the Purchasing Office by one of the means below:

1. If you have not yet submitted your bid, please sign this addendum and include with your sealed bid.
2. If you have already submitted your bid, please sign and return to the Purchasing office via email at [purchasing@cod.edu](mailto:purchasing@cod.edu) no later than the scheduled bid deadline. We will make sure it accompanies your bid.

You also have the option of withdrawing your proposal, if necessary.

**ACKNOWLEDGEMENT:**

I HAVE RECEIVED THIS ADDENDUM # \_\_\_\_\_

**Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_









# COLLEGE OF DUPAGE

PRE BID ATTENDEES

Date/Time: February 28, 2019 2:00PM  
 Location: Purchasing Conference Room 1B03A

Bid/RFP Title: 2019-B0028 Data Cabling for Security Cameras

Name	Company	Phone	E-mail
John McGarry	College of DuPage	X 2355	mcgarryj1755@cod.edu
Anne Marie Dando	College of DuPage	X2813	dandoa@cod.edu
Keith Zeitz	COD - IT	/	
Heghem Holm	COD - IT	X2709	
Jay Brandenburg	Fleck Elect.	815-252-1899	
Mikki Pierce	Atrium Advisory Services Inc	847.587.7724	info@atriumadvise.com
 <p><b>FICEK ELECTRIC &amp; COMMUNICATION SYSTEMS, INC.</b>                  Jay Brandenburg                  Jennifer Bias                  President                  815-223-2775                  jbias@ficekelectric.com</p>			
 <p><b>ADVANCED WIRING SOLUTIONS</b>                  Chris Beissmann                  Project Manager/Estimator                  4838 W. 128th Place, Alsip, Illinois 60803                  voice: 708-377-7673 • fax: 708-385-1470 • cell: 708-906-2767                  cbeissmann@advancedwiring.com</p>			
 <p><b>WIREDTECHNOLOGIES</b>                  Nick Zawadzki                  37 Sherwood Terrace                  Unit 131                  Lake Bluff, IL 60044                  C 773.551.1242                  nick@wiredtechnologiesinc.com</p>			
 <p><b>College of DuPage</b>                  Bob Murr                  Police Department Technical Specialist                  Information Technology                  Office and Classroom Technology                  (630) 942-3575 phone                  mmurro@cod.edu                  425 Fawell Blvd.                  Glen Ellyn, Illinois 60137                  cod.edu</p>			

BIDDER: \_\_\_\_\_



**COMMUNITY COLLEGE DISTRICT NO. 502**

**BID NUMBER: 2019-B0028**

**DATA CABLING FOR SECURITY CAMERAS**

**BIDS DUE: WEDNESDAY, MARCH 20, 2019 AT 4:00 P.M. CENTRAL TIME**

In the event of College closure due to inclement weather, bid deadline will be extended to the next business day at the same time.

**RETURN BIDS TO: COLLEGE OF DUPAGE  
PURCHASING DEPARTMENT  
BIC BUILDING, ROOM 1B03  
425 FAWELL BLVD.  
GLEN ELLYN, ILLINOIS 60137**

<b>Issue Date:</b>	<b>February 20, 2019</b>
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**ISSUED BY THE COLLEGE OF DUPAGE PURCHASING DEPARTMENT**

**Purchasing Department**

425 Fawell Boulevard  
Glen Ellyn, Illinois 60137-6599  
<http://www.cod.edu>

PHONE (630) 942-2217

February 20, 2019

**INVITATION FOR BID**

Sealed bids for **Data Cabling for Security Cameras** will be received by the College of DuPage, District 502, at the office of the Purchasing Manager, Berg Instructional Center (BIC) Building, Room 1B03, 425 Fawell Blvd., Glen Ellyn, IL 60137, until **4:00 p.m. Central Time, Wednesday, March 20, 2019**, at which time they will be publicly opened. In the event of College closure due to inclement weather, bid deadline will be extended to the next business day at the same time.

A pre-bid meeting has been scheduled for **Thursday, February 28, 2019 at 2:00 p.m.** in the Purchasing Office, BIC 1B03 at 425 Fawell Blvd., Glen Ellyn, IL. 60137. A site visit will immediately follow. The pre-bid conference is not mandatory, but highly recommended.

Any bid received after the date and time stated above will be returned unopened. College of DuPage shall not be responsible for bids that are not received at the specific office location indicated above by the stated deadline. Failure by a delivery service company or person to meet the deadline will not excuse the Respondent from the deadline requirement. It is solely, the bidder's responsibility, to ensure that adequate time is allowed for timely and accurate delivery.

Prices offered shall be F.O.B. Destination, College of DuPage, 425 Fawell Blvd., Glen Ellyn, IL 60137. Prices must be firm. No bids will be accepted on the basis of a price prevailing at the time of shipment.

The award(s) of the contract will be made to the lowest responsible and qualified bidder whose bid complies with all the requirements prescribed. Brand or trade names in bid specifications are used for identification purpose only.

Respondents may download the Bid in addition to any future addenda from the College's Purchasing website at the following URL address: <http://cod.edu/about/purchasing/requests/index.aspx>.

No bid shall be withdrawn for a period of ninety (90) days after the bid opening date without the consent of the College.

## LEGAL NOTICE

### BID NOTICE

#### No. 2019-B0028

The College of DuPage is accepting sealed bids for **Data Cabling for Security Cameras**. Bid documents may be downloaded from the Purchasing Website at [www.cod.edu/about/purchasing/requests](http://www.cod.edu/about/purchasing/requests) by clicking on the link for this bid and following the instructions.

Bids are due to the College of DuPage Purchasing Department in the Berg Instructional Center (BIC) Building, Room 1B03, 425 Fawell Blvd., Glen Ellyn, IL 60137 up to and no later than **4:00 p.m. Central Time, Wednesday, March 20, 2019**, at which time they will publicly opened.

A pre-bid conference and site visit is scheduled for **Thursday, February 28, 2019 at 2:00 p.m.** in the Purchasing Office, BIC 1B03 at 425 Fawell Blvd, Glen Ellyn IL 60137. A site visit will immediately follow. The pre-bid conference is not mandatory, but highly recommended.

The College of DuPage is committed to the economic development of disadvantaged business enterprises; qualified Minority, Women, and Persons with Disabilities Owned Businesses are highly encouraged to participate

College of DuPage Board of Trustees Reserves the right to reject any and all responses. This invitation is issued in the name of the Board of Trustees of College of DuPage, Community College District 502, Glen Ellyn, Illinois.

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## BID SUBMISSION CHECKLIST

### Things to Remember When Submitting a Response to an Invitation to Bid for the College of DuPage

1.  **Read the *entire* document.** In your review, note critical items such as: blackout period, required goods and services, submittal dates, submission requirements, etc.
2.  **Note the contact information provided.** The Purchasing Office Buyer at [purchasing@cod.edu](mailto:purchasing@cod.edu) is the single point of contact for this Invitation to Bid and is the only person with whom you are allowed to communicate regarding this bid. This person is an excellent source of information for any questions you may have.
3.  **Take advantage of the “question and answer” period.** Submit your questions to the Purchasing Department by the date in the Invitation to Bid and view the answers given in the formal addenda issued for the Invitation to Bid. All addenda issued for an Invitation to Bid will be emailed to each company that downloaded the bid documents and will include all questions asked and answered concerning the Invitation to Bid. Please ensure when downloading the bid documents, you use a valid email address.
4.  **Do not alter, add to, or delete and part of the Bid documents without prior approval.** Please refer to the section titled *Exceptions* for instruction on how to request a deviation to the original Invitation to Bid.
5.  **Ensure all Addenda are signed.** Before submitting your response, check the College Purchasing website at <http://www.cod.edu/about/purchasing/requests/index.aspx> to see whether any addenda were issued for this Bid request. If so, you must submit a signed copy of the addenda along with your bid response.
6.  **Review and read the bid document again to make sure you have addressed all requirements.**
  - \*Your original response and the requested electronic copy (flash drive) must be identical and be complete.
  - \*Bids will not be accepted if Sections 6, 7, and 8 are not completed. (Please note there are two (2) signature lines in Section 8 that must be signed.)
  - \*If your company is a Certified Women-Owned, Minority-owned, or Persons with Disability-owned business, please include a copy of any and all certifications.
7.  **Submit your response on time.** Note the date and time listed on the front page of the Invitation to Bid and be sure to submit all required items on time. Late responses will not be accepted and will be returned, unopened. Ensure the box (s) containing your proposal is appropriately labeled. Please allow adequate time for delivery to the Purchasing Department.
8.  **Important dates to know:**
  - Bid Publication Date – 2/20/19
  - Pre-Bid Meeting – 2/28/19 at 2:00 p.m. Central Time
  - Questions Due – 3/4/19 by 2:00 p.m. Central Time
  - Bids Due – 3/20/19 at 4:00 p.m. Central Time
  - Target Board Approval Date – 4/25/19

## **1.0 GENERAL INFORMATION**

### **1.1 DEFINITIONS**

- A. BIDDER** shall mean the individual or business entity submitting a Bid to supply any or all of the services or goods required by the Bid Documents.
- B. BID** shall mean the Bid Documents as completed by the Bidder which constitutes the Bidder's offer.
- C. CONTRACT** shall mean the agreement between the College and Contractor as set forth in the Bid Documents and as awarded by the College of DuPage Board of Trustees.
- D. BID DOCUMENTS** shall mean collectively the Instructions to Bidders, General Conditions, Special Conditions, Specifications, Attachments, and Addenda, if any, Bid, Site Inspection Certificate, Contractor Certifications and Forms for Minority Participation. The above documents shall be considered as one integrated document setting forth the obligations of the parties.
- E. CONTRACTOR** shall mean the individual or business entity submitting a Bid and to whom the College of DuPage Board of Trustees awards the Contract.
- F. COLLEGE** shall mean the College of DuPage, Community College District No. 502, a body politic and corporate of the State of Illinois.
- G. DIRECTOR** shall mean the person or persons authorized by the College to act in connection with this Contract. Such authorization shall not include any power to change the scope of the Contract or to obligate the College to pay additional sums beyond the amount of the Contract awarded by the College of DuPage Board of Trustees.
- H. PURCHASING MANAGER** shall mean the Purchasing Manager of the College of DuPage.
- I. SPECIFICATIONS** shall mean the description of the required services, Contract Goods, equipment, personnel, volume and use statistics and all requirements for the scope of work set forth in the Bid Documents.

### **1.2 BIDS TO CONFORM TO REQUIREMENTS OF LEGAL ADVERTISING**

The College will not entertain or consider any Bid responses: (i) received after the exact time specified in the legal advertisements; (ii) not accompanied by the required bid deposit/bond, if required; or (iii) in any other way failing to comply fully with the conditions stated in the legal advertisement.

### **1.3 COMPLIANCE**

Submissions under this Invitation to Bid shall be for items at least equal to or better than the quality and performance characteristics stated herein. The burden of proof that product and services meet specifications shall be documented by the bidder and be provided as part of the submitted bid. Failure to provide complete documentation of the product compliance with specifications required may result in bid rejection.

### **1.4 COMPLIANCE WITH LAWS - PUBLIC CONTRACTS**

This Contract is a competitively bid public contract of the College of DuPage subject to laws and ordinances governing public contracts. The Bidder shall at all times observe and comply with all laws, ordinances, regulations and codes of the Federal, State and other local government agencies which may in any manner affect the preparation of the Bid or the performance of the Contract. If the Bidder observes that any of the Bid Documents are at variance therewith, it shall promptly notify the Purchasing Manager in writing and necessary changes shall be effected by appropriate modification.

### **1.5 REGULATIONS**

The Contractor or Subcontractor, warrants that they are familiar with and they shall comply with all Federal, State, and Local Laws, statutes, ordinances, rules and regulations and the orders and decrees of any courts or administrative bodies or tribunals in any manner affecting the performance of the Contract, including, without limitation, Workmen's Compensation Laws, minimum salary and wage statutes and regulations, laws with respect to permits and licenses and fees in connection therewith, laws regarding maximum working hours and regulations with respect to use of explosives. No plea of misunderstanding or ignorance thereof will be considered. Whenever required, the Contractor, or Subcontractor, shall furnish the college with satisfactory proof of compliance with said Federal, State and Local Laws, statutes, ordinances, rules, regulations, orders, and decrees.

## **1.6 BID MODIFICATIONS**

Unless indicated, it is understood that bids are in strict accordance with specification requirements. Bids shall be deemed final, conclusive, and irrevocable. No bid shall be subject to correction or amendment for any error or miscalculation. Bid prices shall include cost of materials as specified, any applicable discounts and shipping. Installation costs shall be included only when indicated on page one. Installation shall include, but is not limited to, all assembly required, setting in place, and mounting all materials at various campus locations.

## **1.7 PRICES FIRM**

All prices quoted in the Bid shall be firm and will not be subject to increase during the term of the Contract awarded to the Contractor, except as otherwise provided in the Bid Documents.

## **1.8 AWARD OF CONTRACT**

The award of the contract will be made within ninety (90) calendar days after the opening of bids to the lowest responsible and qualified bidder whose bid complies with all the requirements prescribed. The successful bidder will be notified by electronic mail that their bid has been accepted and that they have been awarded the contract. Notification will also be posted on the College's Purchasing website at <http://www.cod.edu/about/purchasing/>. Failure to execute performance as per accepted bid may result in legal action by the College of DuPage to recover damages.

If a contract is not awarded within ninety (90) days after the opening of bids, a bidder may file a written request with the Purchasing Manager for the withdrawal of their bid and the Purchasing Manager will permit such withdrawal.

The bid security (if required) of all except the three (3) low bidders will be returned promptly after the bids have been checked, tabulated, and the relation of the bids established. Bid security of the three (3) lowest bidders, if required in legal notice, will be returned as soon as the contract and the bond of the successful bidder have been promptly executed and approved. If contracts cannot be awarded promptly, the College may permit the three (3) lowest bidders to substitute bid bonds for bank cashier's checks, bank drafts or certified checks submitted with their bids. Bid bonds executed by corporate surety companies shall be satisfactory to the Owner, but such substitution shall not be made until a period of fifteen (15) days has elapsed after the date of opening of bids and bond forms furnished by the College shall be used.

## **1.9 CONSIDERATION OF BIDS**

The College reserves the right to reject or accept any or all Bid responses, to extend the bidding period, to waive technicalities in the documents and/or to direct that the solicitation be abandoned or rebid prior to award of the Contract.

## **1.10 COMPETENCY OF BIDDER**

No Bid will be accepted from or Contract awarded to a Bidder that is in arrears or is in default to the College upon any debt or Contract, or that is a defaulter, as surety or otherwise upon any obligation to said College, or has failed to perform faithfully any previous contract with the College.



### **1.11 BIDDER WARRANTIES**

The submission of a Bid shall constitute a warranty that: (i) Bidder has carefully and thoroughly reviewed the Bid Documents and has found them complete and free from ambiguities and sufficient to describe the Contract work; (ii) Bidder and all workers and/or employees it intends to use in the performance of this Contract are skilled and experienced in the type of work or services called for by the Bid Documents; and (iii) neither the Bidder nor any of its employees, agents, suppliers or subcontractors have relied on any verbal representations from the College, or any of the College's employees, agents, or consultants, in preparing the Bid.

### **1.12 PAYMENT TERMS**

All invoices must be provided to the College for services rendered directly to the College. Undisputed invoices will be paid to the contractor within sixty (60) days of receipt of properly submitted invoices, in accordance with the Local Government Prompt Payment Act.

### **1.13 PAYMENT REMITTANCE**

All College vendors are required to receive payment from the College via an Automated Clearing House (ACH) transfer. Instructions to register for ACH payments will be sent, upon request, to successful bidders. Failure to comply with the ACH requirements may result in termination of the contract or purchase order. College ACH transfers typically occur the third week of each month. Invoices must be received at least 3 weeks prior to each ACH payment release. You are strongly encouraged to set up your account upon notice of award to avoid a delay payment.

### **1.14 CASH BILLING DISCOUNTS**

Cash billing or percentage discounts for payment will not be considered in evaluating Bids.

### **1.15 LOCAL BUSINESS PREFERENCE**

When two (2) or more responsible bidders submit the same low bid, the contract award will be determined by drawing lots in a public meeting unless one bidder is a local bidder within the District boundaries and one is a non-local bidder, in which event the local bidder will be awarded the contract.

### **1.16 EQUAL EMPLOYMENT OPPORTUNITY**

In the hiring of employees for the performance of work under the Contract and any subcontract thereunder, no Contractor or Subcontractor shall, by reason of race, color, sex, religion, national origin, ancestry, age, marital status, disability, unfavorable military discharge or sexual orientation discriminate against any citizen of the United States, in the employment of Labor or workers, who are qualified and available to perform work to which the employment is related. Neither shall any Contractor or Subcontractor, or any person on behalf of either, discriminate against or intimidate any employee hired for the performance of work under this Contract on account of race, color, sex, religion, national origin, ancestry, age, marital status, disability, unfavorable military discharge or sexual orientation.

### **1.17 TAX EXEMPTION**

College of DuPage District #502 is exempt from Federal, State and Municipal taxes. Exemption certificates will be furnished upon request.

### **1.18 HOLD HARMLESS CLAUSE**

Contractor shall indemnify, hold harmless and defend the College of DuPage, its officers, trustees, agents, servants, and employees, from and against any and all claims, lawsuits, demands, liabilities, and losses whatsoever occurring or resulting to any and all persons, firms or corporations furnishing or supplying work, services, materials, or supplies in connection with the performance of this agreement, and from any and all claims, liabilities, and losses occurring or resulting to any person, firm, or corporation for damage, injury, or

death arising out of or connected with Contractor’s performance of this agreement, unless such claims, liabilities, or losses arise out of the sole negligence or willful misconduct of the College of DuPage.

“Contractors performance” includes Contractor’s action or inaction and the action or inaction of Contractor’s officers, employees, agents and Subcontractors.

**1.19 CONTRACTORS LIABILITY INSURANCE**

The Contractor shall not commence work under this contract until all insurance required herein is obtained and approved by the College. Nor shall the Contractor allow any subcontractor to commence work until all similar insurance required of the subcontractor has been so obtained.

The Contractor shall furnish the College of DuPage with a Certificate of Insurance, with College of DuPage, its trustees, officers, agents, employees, and any other parties designated by COD named as an additional insured for Commercial General and Automobile Liability, showing the minimum coverage indicated below. Insurance companies must have a Best Rating of at least A VI and otherwise be acceptable to the College. Workers’ compensation insurance shall include a waiver of subrogation in favor of the College of DuPage. The College will also be shown as the certificate holder. Further, the Certificate of Insurance shall state that coverage provided is primary to any other coverage available to College of DuPage. An endorsement page showing coverage must accompany the certificate of insurance. The foregoing certificate shall contain a provision that coverage afforded under the policies will not be cancelled or non-renewed until at least sixty (60) days prior written notice has been given to College of DuPage.

<b><u>TYPE OF INSURANCE</u></b>	<b><u>MINIMUM INSURANCE COVERAGE</u></b>
	Combined Single Limit Per Occurrence/Aggregate

**Commercial General Liability** including:

- |   |                           |
|---|---------------------------|
| 1. Premises – Operations                      | \$1,000,000 / \$2,000,000 |
| 2. Explosion, Underground and Collapse Hazard |                           |
| 3. Products/Completed Operations              |                           |
| 4. Contractual Insurance                      |                           |
| 5. Broad Form Property Damage                 |                           |
| 6. Independent Contractors                    |                           |
| 7. Bodily Injury                              |                           |

**Automobile Liability**

Owned, Non-owned, or Rented	\$1,000,000 / \$2,000,000
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<b>Workers' Compensation and Employers' Liability</b>	As Required by Applicable Laws
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<b>Professional Liability</b>	If Performance Specifications are Required by the Contract
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**1.20 PREVAILING WAGE ACT**

When applicable, and as a condition of receiving payment, Contractor must pay its employees prevailing wages in the locality in which the work is to be performed as establish for Public Works (construction and maintenance of a public work) prevailing wage and other requirements under Contract for Public Workers 820 ILCS 130/4. When required by the College Contractor shall provide a copy of the certified payroll on request. Contractor is responsible for contacting the Illinois Department of Labor to ensure understanding of prevailing wage requirements.

The prevailing rates of wages are determined by the Illinois Department of Labor and are available on the Department’s official website: <http://www.illinois.gov/idol/Laws- Rules/CONMED/Pages/prevailing-wage-rates.aspx>. The College of DuPage has adopted the resolution regarding the prevailing wage rates for DuPage County in accordance with Illinois Prevailing Wage Act and are available the College’s website: [http://www.cod.edu/about/purchasing/illinois\\_prevailing\\_wage\\_act.aspx](http://www.cod.edu/about/purchasing/illinois_prevailing_wage_act.aspx) .

**1.21 BUSINESS ENTERPRISE PROGRAM**

The College of DuPage encourages the participation of qualified minorities, females, and persons with disabilities owned businesses in public contracts. It is the practice of the College to ensure full and equitable economic opportunities to persons and businesses that compete for business with the College of DuPage, including minorities, females, and persons with disabilities owned business enterprises. The College is committed to the economic development of disadvantaged business enterprises and the award of contracts to businesses owned by minorities, females, and persons with disabilities for services to the extent provided by the Business Enterprise for Minorities, Females and Persons with Disabilities Act ("Act"), 30 ILCS 575.

**END OF SECTION**

## 2.0 INSTRUCTIONS TO BIDDERS

### 2.1 OUTSIDE DOCUMENT DISCLAIMER

The College of DuPage cannot warrant, represent, or guarantee the accuracy or completeness of documents which have not been obtained directly from the College. If you have obtained these documents from a third party source, the College is not responsible for any loss or damage including, but not limited to, time, money, or goodwill arising from errors, inaccuracies or omissions in any third party bid documents.

To obtain official documents, please visit: <https://www.cod.edu/about/purchasing/requests/index.aspx> . Click on the link for this solicitation, and follow the prompts to enter your information onto our vendor list and download the original documents. This will ensure your contact information is registered on our vendor list, and we can send you any addenda that may be issued. This website is the only official website for prospective bidders to obtain digital copies of bid documents. It is the responsibility of each prospective bidder to verify the completeness of their printed bid documents before submitting a bid and accompanying executed addenda acknowledgement, and other required forms.

### 2.2 BLACKOUT PERIOD

Under no circumstances are respondents to contact or discuss this Invitation to Bid, or any of the information contained herein or about this solicitation in general, with any College of DuPage trustee, employee, vendor, contractor or subcontractor, other than using the methods outlined in this bid. Respondents are strictly forbidden from visiting the College's locations or approaching any College trustee, employee, vendor, contractor or subcontractor for any information related to this Invitation to Bid or this solicitation without the direct knowledge and authorization in writing in advance from the Purchasing Manager or Buyer. Violation of these provisions may subject the respondent to immediate disqualification.

### Initial your understanding of this requirement

### 2.3 REQUESTS FOR INFORMATION/CLARIFICATION

If any firm submitting a bid for this solicitation is in doubt as to the true meaning of the specifications or other documents or any part thereof, bidder shall request clarification from the Purchasing Department. Questions must be submitted in writing and be directed via email to the Purchasing Department at [purchasing@cod.edu](mailto:purchasing@cod.edu) no later than **March 4, 2019 at 2:00 p.m. Central Time**. Questions for which answers are provided will be communicated to all registered recipients of bid documents via addendum. All issued addenda must be signed and returned to the College as per the instructions in the addenda or bid will not be accepted.

### 2.4 PRE-BID MEETING

The College will hold a Pre-Bid Meeting at the College of DuPage, Glen Ellyn Campus, 425 Fawell Blvd, Berg Instructional Center, Room 1B03A, Glen Ellyn, IL at **2:00 p.m. Central Time on Thursday, February 28, 2019**. All parties interested in responding to the BID are urged to attend in person. The College will clarify the objectives of the BID and answer questions during the Pre-Bid Meeting.

### 2.5 BID DEADLINE AND SUBMISSION

To be assured of consideration, Bids must be received by the College of DuPage in the College's in Purchasing Department, BIC-1B03, no later than **4:00 p.m. Central Time on Wednesday, March 20, 2019**. Failure by a delivery service company or person to meet the deadline will not excuse the Bidder from the deadline requirement. It is solely the Bidder's responsibility to ensure that adequate time is allowed for timely, accurate delivery and that the Bid is received as required.

All Bidders shall submit:

One (1) *sealed* original copy of the Bid and one flash drive containing all completed documents

Bids must be in a sealed envelope and delivered to:

**ATTN: Bid No. 2019-B0028**

Purchasing Manager  
College of DuPage  
BIC Building - Room 1B03  
425 Fawell Blvd.  
Glen Ellyn, Illinois 60137

Bids must be received by the date and hour of the Bid Opening as shown in the legal advertisement. The sealed envelope submitted by the Bidder shall carry the following information on the face of the envelope: Bidder's name, address, Bid Notice Number, advertised date of Bid Opening and the hour designated for Bid Opening as shown in the legal advertisement. Unless otherwise stated, all blank spaces on the bid forms shall be fully completed. Bidder bears all responsibility for error or omissions in the submission of the Bid.

**2.6 EXCEPTIONS**

If any Respondent intends to take any deviations or exceptions from the specifications or other bid documents, Respondent shall submit to the Purchasing Manager a written request for a deviation or exception at least 5 business days prior to the date and time of advertised bid opening date. If the Purchasing Manager considers such deviation or exception acceptable, the Purchasing Manager shall issue an Addendum setting forth such deviation or exception from the specifications or other which shall be applicable to all Respondents submitting a response.

If no Addendum is issued by the Purchasing Manager/Buyer, then such deviation or exception shall be deemed rejected.

The College may reject any response containing deviations or exceptions not previously accepted through a written Addendum. A copy of such Addendum will be e-mailed or delivered to each Respondent receiving a set of such bid documents. Respondent shall acknowledge receipt of each Addendum issued in the space provided on the bid form or via a signed addendum. Failure to acknowledge receipt of addenda may result in disqualification of the bid. All written requests for deviations or exceptions shall be sent to [purchasing@cod.edu](mailto:purchasing@cod.edu).

**Initial understanding of this requirement:**

**2.7 ERROR IN BID**

Where a bidder claims to have made a mistake, such mistake must be called to the attention of the Purchasing Manager within twenty-four (24) hours after the opening of bids. Within forty-eight (48) hours of the bid opening, bidder shall submit to the College's designated Purchasing Manager original documentary evidence and a detailed explanation of how the mistake was made. Failure to conform to this requirement precludes the bidder from withdrawing its bid based upon a bid mistake. If such notice, proof and explanations have been tendered, and the Purchasing Manager is convinced that a bona fide mistake has been made, the Purchasing Manager may recommend to the Board of Trustees that the bidder be allowed to withdraw its bid and recommend that the bid be awarded to the next lowest responsible, responsive bidder. If the Board determines by majority vote, that the bidder has made a bona fide error, no award will be made upon such bid and the bid security will be returned.

**2.8 WITHDRAWAL OF BIDS**

Bidders may withdraw their Bids at any time prior to the time specified in the legal advertisement as the date and hour set for the Bid Opening. However, no Bidder shall withdraw, cancel or modify its Bid response for a period of ninety (90) calendar days after said advertised Bid Opening. Requests for withdrawal must be made in writing on the Bidder's letterhead to the College's Purchasing Department. Bidders must make their own arrangements for the return of their Bid.

**2.9 NOTICES**

All communications and notices between the College and Bidders regarding the Bid Documents shall be in writing and hand delivered or delivered via United States mail, postage prepaid, or via email. Notices to the Bidders shall be addressed to the name and address or email address provided by the Bidders; notices to the Purchasing Manager shall be addressed to Purchasing Department, College of DuPage, BIC Building - Room 1B03, 425 Fawell Blvd., Glen Ellyn, Illinois 60137, or [purchasing@cod.edu](mailto:purchasing@cod.edu).

## **2.10 BID DEPOSIT**

When required in the legal advertisement, the Bid shall be accompanied by cashier's check, certified check or surety bond in the amount shown in the legal advertisement or as may be prescribed in these Bid Documents. A certified or cashier's check shall be drawn on a responsible bank doing business in the United States and shall be made payable to the order of the College of DuPage. The Surety issuing the bond must have a general rating of "A", and shall be a Class V or higher in the financial size category as defined by Best's Key Rating Guide - Property and Casualty. Failure to submit the bid deposit shall constitute an informal Bid and such Bid shall be rejected.

The Bidder hereby agrees that the bid deposit shall be forfeited to the College as liquidated damages and not as penalty in the event Bidder fails to comply with the terms of this invitation to bid, or otherwise fails or refuses to honor the Bid upon award of the Contract by the College.

The bid deposit of all bidders will be returned, with the exception of the winning Contractor, after the College has awarded the Contract. The bid deposit of the Contractor will be returned after the Contract has been awarded and the Contractor has submitted all insurance documentation and the Performance and Payment Bond, as required by the Bid Documents.

**\*This solicitation does not requires a bid deposit or performance bond.**

## **2.11 PERFORMANCE AND PAYMENT BOND**

The successful Bidder shall furnish a Performance and Payment Bond in the full amount of the Contract on the College Bid Form, a specimen of which is provided herein. The Surety issuing the Performance and Payment Bond must have a general rating of "A" and shall be a Class V or higher in the financial size category as defined by Best's Key Rating Guide-Property and Casualty.

In the event that the Bidder fails to furnish the Performance and Payment Bond within fourteen (14) calendar days after service of the Notice of Award, the College may elect to retain Bidder's bid deposit as liquidated damages and not as a penalty and the Contract may be terminated. The parties agree that the sum of the bid deposit is a fair estimate of the amount of damages that the College will sustain due to the Bidder's failure to furnish the Performance and Payment Bond and the termination of the Contract.

**END OF SECTION**

### **3.0 BID SPECIFICATIONS**

#### **3.1 Scope of Work – Data Cabling for Security Cameras**

The College of DuPage seeks a qualified vendor to install Category 6 cabling at 116 locations following the included specifications and in the locations indicated in the included drawings. The cabling will be used for surveillance cameras to be installed at a later date, by others. Both ends of the cable are to be terminated with an RJ-45 connector and labeled per specifications. The attached table includes labeling details and indicates the appropriate telecommunications closet to route the cabling.

The Owner has in place a state of the art cabling system that is supportive of the mission to provide voice, high-speed data, video, surveillance, and multimedia services to the College of DuPage well into the future. The requirements for this cabling, its installation and termination equipment are very stringent to support these goals.

This document describes the product and execution requirements relating to Telecommunications Cabling Systems for the College of DuPage.

#### **A. Qualifications/Personnel**

- The communications cabling system installation work detailed in these standards shall be carried out by a specialist installer, trained and certified by PANDUIT and capable of providing a system warranty as described herein.
- The Cabling Contractor shall have a Registered Communications Distribution Designer (RCDD) or equal as a permanent member of staff. The RCDD shall be in good standing with the Building Industry Consulting Service International (BICSI) and shall have a current registration.
- The Contractor shall hold a valid State Contractors License for the duration of the project. The installer shall be responsible for obtaining permits and other requirements for performing work on this project.
- The Cabling Contractor shall provide an on-site manager responsible for all Communication work. This individual shall be the single point of contact for the duration of the project.

#### **1. Definitions**

- Telecommunications Closet (TC): The generic term, this refers to the equipment rooms in which telecommunications cabling terminates. These rooms also house network, video and telephone electronics.
- Building Distribution Facility (BDF): The main wiring switching for the building
- Intermediate Distribution Facility (IDF): A secondary wiring switching room
- Horizontal Cabling: Cabling runs from Work Station to IDF or BDF.
- Backbone: Linkage from BDF to IDF.
- Inter-Building Cabling – First Level Backbone: provides the transmission path between adjacent buildings. Includes Fiber Optic and copper cabling.
- Intra-Building Cabling – Second Level Backbone: Provides the transmission path to join the main Telecommunications Closet (or BDF) with other TC's (or IDF) located within the building. Includes Fiber Optic and copper cabling.
- Horizontal cabling and Work Station Cabling: Provides the link from offices, classrooms and common areas to the Telecommunications Closet (TC) serving the area and includes the following transmission media:
  - 4-pair 100 Ohm Unshielded Twisted Pair (UTP) Category 6

#### **2. Quality Assurance**

Equipment and material shall be Underwriters Laboratories listed and labeled. The latest editions of the following codes, standards and guidelines are minimum requirements:

- City, State, and Federal codes.
- NFPA 70 National Fire Protection Agency

- National Electric Code (NEC 1999)
- Institute of Electrical and Electronic Engineers (IEEE)
- TIA/EIA-568-B.1 Commercial Building Telecommunication Cabling Standard.
- TIA/EIA-568-B.2 Commercial Building Telecommunication Cabling Standard.
- TIA/EIA-568-B-2.1 Commercial Building Telecommunication Cabling Standard Category 6.
- TIA/EIA-569 Commercial Building Standard for Telecommunications Pathways and Spaces.
- TIA/EIA-606 the Administration Standard for Telecommunications Infrastructure of Commercial Buildings.
- TIA/EIA-607 Commercial Building Grounding and Bonding Requirements for Telecommunications.
  - TIA/EIA TSB-67 Transmission Performance specifications for Field Testing of Unshielded Twisted Pair Cabling Systems
- TIA/EIA TSB-72 Centralized Optical Fiber Cabling Guidelines.
- TIA/EIA TSB-75 Additional Horizontal Cabling Practices for Open Offices
- Telecommunications Distribution Methods Manual, (BICSI).
- Manufacture's recommendations and installation guidelines.

## **B. Work Restrictions and Procedures**

### **1. General Requirements**

- The Cabling Contractor shall examine all drawings and specifications to familiarize themselves with the type of construction to be used.
- Beginning installation means Contractor accepts existing conditions.
- Contractor shall verify dimensions and the correct locations of hardware before proceeding with the installation of hardware, cabling and/or connections.
- The Cabling Contractor shall be responsible for identifying and reporting to the Owner any existing damage to walls, flooring, tiles and furnishings in the work area prior to start of work. All damage caused by the cable, raceway, or miscellaneous material to the interior surfaces during the communication installation shall be repaired by the Contractor. The repairs must match preexisting color and finish of walls, floors and ceilings. Any contractor damaged ceiling tiles are to be replaced to match color, size, style and texture.
- The Cabling Contractor shall be responsible for securing all Telecommunications Rooms and offices when not in use. At no time shall the Telecommunications Room be unattended if unsecured.
- Contractor should assume that all installation work including cable placement, termination and testing shall be performed between the hours of 7:00 a.m. to 5:00 p.m. Monday through Friday unless agreed to by the College.
- Contractor must coordinate work schedules with College. Access to classroom and office spaces, if needed, must be coordinated so as to not interfere with classes or other college functions.
- No classes are scheduled on campus the week of May 20, 2019 to May 24, 2019.
- Qualified personnel utilizing state-of-the-art equipment and techniques shall complete all installation work.
- The cable system will be tested and documented upon completion of the installation as defined in the section below.
- Products selection, installation plans and termination layouts must be reviewed and approved by the Owner prior to construction. The review does not exempt the Contractor from meeting any of the requirements stated in this document.
- The Cabling Contractor is required to provide all tools, ladders and aerial lifts necessary to complete the scope of work.

### **2. Submittals**



- Contractor shall submit, if requested, a two-foot section of cable to the site for final approval by the College. This two-foot section shall have the manufacturer's cable markings visible. Upon request, samples from every reel sent to the site shall be provided.
- Contractor shall submit, if requested, a full mockup of the proposed jack configuration with appropriate labeling for the installation described below.

### **3. Delivery, Storage and Handling**

- The Cabling Contractor shall be responsible for all deliveries of material construction site. The Owner will not accept deliveries.
- For purposes of bidding, it is to be assumed that the Owner will not provide storage facilities for material. Pending availability, however, this may be arranged subsequent to award.
- Cable shall be stored according to manufacturer's recommendations at a minimum. Cable must be stored in a location protected from vandalism and weather. Manufacturer's storage specifications - in particular, those relating to temperature - shall be followed. All storage costs shall be included in Contract price.
- Tools, materials and equipment shall be confined to area designated by the Owner. The Contractor shall clean up and dispose of all debris and rubbish resulting from work on a daily basis.
- The Contractor is responsible for the clean up of the dust, debris, shipping and packaging material associated with their installation. The Owner's disposal containers, shall not to be utilized without written authorization.

### **4. Data Station Cable**

- Transmission characteristics of the cable shall meet full Category 6 performance as defined by TIA/EIA-568-B-2.1. Cable shall be UL and/or ETL verified Category 6.
- Cables shall be Underwriters Laboratory (UL) listed, comply with Article 800 (Communications Circuits) of the National Electrical Code and shall meet the specifications of NEMA (low loss), UL 444, and ICEA.
- The jacket color for Data Station Cables shall be WHITE.
- Data Station Cables shall meet a CMP (Plenum) rating.
- Cable shall be packaged in a way that minimizes tangling and kinking of the cable during installation. Examples are open reels or packages, which incorporate a rotating reel.
- Data UTP Station Cables shall be Panduit PUP6004BU-UY High Performance Category 6 plenum (CMP) Twisted 4-pair UTP copper cable.
- Station data copper cables shall each be terminated at both ends with RJ-45 connector. Jack contacts shall have a minimum of 50-micro-inches of gold plating.
  - Jacks are to be pinned per EIA 568B with the pairing as follows:
    - Pair 1 - Pins 5&4
    - Pair 2 - Pins 1&2
    - Pair 3 - Pins 3&6
    - Pair 4 - Pins 7&8
  - Data Termination hardware shall meet full Category 6 performance specifications as defined by TIA/EIA-568-B-2.1 and TSB-40A specifications for connecting hardware. All pair combinations must be considered, with the worst-case measurement being the basis for compliance. The Jack must be UL verified and listed. All pair combinations must be considered with the worse case measurement being the basis for compliance.

### **5. Surface Raceway**

- The installation of surface mounted station cable, while rare, may be required at some locations where solid walls inhibit the installation of cable behind the wall. Nonmetallic surface raceway shall be used - no exposed cable shall be permitted.
- The surface raceway shall have a screw-applied base and have a snap on cover. The use of double-sided tape to anchor the raceways will not be permitted.

- Both the base and cover shall be manufactured of rigid PVC compounds and be suitable for painting.
- The raceway shall be of a color fitting the decor of the area and be paintable (by others). Approval of samples by the Engineer prior to installation is required (Upon request by Owner). All fittings including, but not limited to, extension boxes, elbows, tees, fixture boxes and fittings shall match the color of the raceway.
- Fittings and couplings shall be sized to insure that cables that are routed through them do not exceed their recommended minimum bend radius requirements.
- The raceway and all system devices must be UL Listed and exhibit nonflammable self-extinguishing characteristics, tested to specifications of the UL94V-0.
- Raceway shall be sized to accommodate a 50% increase in the number of cables initially installed while maintaining a fill (ratio of cable area vs. raceway area) no greater than 60%. A nominal cable diameter of 0.2" (Voice and Data Cables) should be assumed.
- The non-metallic raceway shall be Panduit *Pan-way L Series*.

## **6. Communications Installation**

- The installation shall follow recognized industry recommendations including those defined by the:
  - TIA/EIA-568-B.1 Commercial Building Wiring Standard
  - TIA/EIA-568-B.2 Commercial Building Wiring Standard
  - TIA/EIA-568-B.2.1 Commercial Building Wiring Standard
  - TIA/EIA-569 Commercial Building Standard for Pathways and Spaces
  - TIA/EIA-606 Labeling Guidelines
  - TIA/EIA-607 Grounding
  - National Electrical Code (NEC; 1999)
  - BICSI TDM Manual
  - Applicable State and Local Codes

## **7. Cable Pathways**

- The Contractor is responsible for verifying the availability of riser access between floors. Where required, the contractor shall core new risers.
- All new riser holes shall be fitted with sleeves. All riser holes used for the installation, both new and existing, shall be fire stopped upon completion of cable installation.

## **8. Cable Installation**

- All cables, termination components and support hardware shall be furnished, tested, installed and wired by the Contractor.
- During pulling operation an adequate number of workers shall be present to allow cable observation at all points of duct entry and exit as well as the feed cable and operate pulling machinery.
- Cable pulling shall be done in accordance with cable manufacturer's recommendations and ANSI/IEEE C2 standards. Recommended pulling tensions shall not be exceeded.
- Manufacturers minimum bend radius specifications shall followed in handling, installation and securing of all cables. Any cable bent or kinked to radius less than recommended dimension shall not be installed.
- All cables shall be installed splice-free.
- Cable sheaths shall be protected from damage from sharp edges during and after installation.
- Where a cable passes over a sharp edge, a bushing or grommet shall be used to protect the cable.
- All cable shall be free of tension at both ends. In cases where the cable must bear some stress, Kellerm grips may be used to spread the strain over a longer length of cable.
- The contractor is responsible for verifying cabling requirements prior to construction to insure that the installation is compliant with all code restrictions.
- All openings made to accommodate the installation of any cable shall be sleeved and fire stopped per prevailing code requirements upon completion of cable installation.

- At no time shall horizontal cabling share the same raceway or path with Backbone cabling.
  - Installer to coordinate with owner a method of indicating the exact location of the end of the cable pull prior to beginning work. (i.e. painters tape on ceiling grid.)

## **9. Horizontal Cabling**

- All Cables and Termination hardware shall be technically compliant with and installed in accordance with TIA-568A, TIA-568-B.2.1 (Standard for Commercial Building Wiring), TIA-569, TSB 36 and TSB-40.
- Where installed free-air, Cable shall run at right angles and be kept clear of other trades work. Cables shall be supported according to code utilizing Caddy type J-Hooks mountings and anchored to ceiling concrete, or structural steel beams. The Contractor shall not exceed the maximum cable limit of the cable supports. Cables shall not be attached to existing cabling, plumbing or steam piping, ductwork, ceiling supports or electrical or communications conduit. Supports should be spaced at a maximum 5-foot interval unless limited by building construction. Cable shall never be laid directly on the ceiling grid.
- The maximum Station Cable length shall not exceed 295-feet (90-meters) in order to meet data communications performance specifications. This length is measured from the termination panel in the Telecommunications Closet to the Outlet and must include any slack required for the installation and termination. The Contractor is responsible for installing station cabling in a fashion as to avoid unnecessarily long runs. Any area that cannot be reached within the above constraints should be identified and reported to the College prior to installation. The College must approve any plan changes.
- Slack cable shall be left at the device end as indicated in attached drawings.
- To reduce or eliminate EMI, the following minimum distances shall be adhered to. In particular, regard must be paid to the routing of cable and avoidance of potentially disruptive sources of electrical noise such as motors and fluorescent lighting. The contractor shall notify the College if installation conditions inhibit these guidelines.
  - No less than (5) five inches from power lines of 2kVa. ○
  - No less than (30) thirty inches from high voltage lighting (including fluorescent lighting).
  - No less than (39) thirty-nine inches from power lines of 5kVa or greater.
  - No less than (39) thirty-nine inches from transformers and motors.
- Care should be taken in the use of cable ties to secure and anchor the station cabling. Ties should not be over tightened as to compress the cable jacket. No sharp burrs should remain where excess length of the cable tie has been cut.

## **10. Firestop Systems**

- All penetrations through fire rated building structures, walls, and floors; shall be sealed with an appropriate Firestop system. The requirements applies-to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure). Any penetrating items i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. shall be properly fire stopped.
- All Firestop systems shall be installed in accordance with the manufacture's recommendations and shall be completely installed and available for inspection by the College.

## **11. Communications Labeling**

- All CABLES shall be clearly labeled using a Code identifying each Information Outlet location as unique throughout the COD Campus. This code, which will identify cabling and terminations at both ends, shall follow the schematic provided by the College. Verify this labeling scheme with the College before beginning work.
- Where adding to an existing installation, cable identification numbering must be integrated into the established plan and must be approved by the Owner.
- ALL labeling shall be machine generated (Panduit) in black ink on white background tags and be permanent. NO HAND WRITTEN LABELS SHALL BE ALLOWED.

- ALL Cables shall be identified AT BOTH ENDS using a self-laminating tag wrapped around the cable (e.g. not a "flag"). The Contractor shall use labeler. Cable labels shall be discussed with the College prior to beginning work.

## **12. Communications Testing**

- Upon completion of installation work, the contractor shall visually inspect all cabling and terminations to insure that they are complete and conform to the requirements defined herein.
- The contractor shall provide to the College a written certification that this inspection has been made.
- Contractor shall conduct acceptance testing according to a schedule coordinated with the College. Representatives of the College may be in attendance to witness the test procedures. The contractor shall offer adequate advance notice to the College as to allow for such participation.
- The Contractor is responsible for supplying all test equipment and personnel to conduct acceptance test.
- If any link is found to be outside the specification defined herein, that cable and the associated terminations (if applicable) shall be replaced at the expense of the contractor. The applicable tests shall then be repeated.

## **13. Cable Testing**

- Every cabling link in the installation shall be tested in accordance with the
- Telecommunications Industry Association (TIA) standard ANSI/TIA/EIA-568B.1 (most current version). Length of the run must be given on test results.
  - Optional Requirements:
    - A representative of the end-user may select a random sample of 5% of the installed links. The Owner shall test these randomly selected links and the results shall be stored.
  - Field Test Specifications to the data provided by the installation contractor. If more than 2% of the sample results differ in terms of the pass/fail determination, the installation contractor under supervision of the end-user representative shall repeat 100% testing and the cost shall be borne by the installation contractor.

## **14. Test Result Documentation and Follow Up**

- In system documentation, contractor shall provide test results and describe the conduct of the tests. Test documentation shall include a record of test frequencies or wavelengths, cable type, conductor pair and cable I.D. (e.g. Outlet I.D.), measurement direction, test equipment type, model and serial number, date, reference setup, and crewmember name(s) and the length of the run. Where applicable, printouts generated for each cable by the wire test instrument (e.g. Fluke DSX5000) shall be submitted as part of the documentation package.
- At the request of the Owner, the contractor shall provide copies of original test results.
- The Owner may request that a 10% random field re-test be conducted on the cable system - at no additional cost - to verify documented findings. If findings contradict the documentation submitted by the Contractor, additional testing can be requested to the extent determined necessary by the Owner, including a 100% re-test. This re-test shall be at no additional cost to the Owner.
- Should it be determined by the Owner that the materials or any portion thereof furnished and installed fail to comply with the specifications defined herein, these materials and the related installation shall be rejected and replaced by the Contractor. All work disturbed by changes necessitated in consequence of said defects or imperfections shall be made good at the Contractor's expense. All replaced components shall be re-tested.

## **15. Communications Documentation and Closeout**

- Upon completion of cable plant installation, the contractor shall provide a complete set of cable records documentation including test data as defined above.
- All documentation, including hard copy and electronic forms (if applicable) shall become the property of the Owner.
- Documentation shall be submitted within ten (10) working days of the completion of testing.

**16. Communications Acceptable Material List**

The following products are acceptable to the Owner. Any variation shall be subject to review and acceptance by Owner.

<b>Mfgr</b>	<b>Mfgr PN</b>	<b>Description</b>
Panduit	PUP6004WH-UY	High performance Category 6 plenum (CMP) 4-pair UTP copper cable. Copper conductors are 23 AWG construction with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and placed in a low smoke, flame retardant PVC jacket. White.
Panduit	JB1DEI-A	1 PCS DEEP JUNCTION BOX
Panduit	CJ688TGEI	MINICOM CAT6 JACK MODULE
Panduit	P110JTW-X	GIGA PUNCH JUMPER TROUGH
Panduit	CMPHH2	PANNET 2 RU HORZ. 3X5" D-RINGS FRONT
Panduit	CBX1WH-A	MINICOM Surface Mount Box
Panduit	NFDR4X6K	PANNET 4X6 D-RING KIT OF 8,PLASTIC
Panduit	HLT2I-X0	TAK-TY LOOP TIE

<b>Mfgr</b>	<b>Mfgr PN</b>	<b>Description</b>
Panduit	DPLF	KIT- FRONT LABEL HOLDER
Panduit	DPLT	KIT - TOP LABEL HOLDER

**END OF SECTION**

**4.0 BID FORM**

**2019-B0028 Data Cabling for Security Cameras**

FIRM NAME, CONTACT NAME and PHONE NUMBER

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all work described here in as required for the delivery and installation of the project where bid below:

The below prices include all stipulations and requirements of Addenda No. \_\_\_\_\_.

<b>Data Cabling for Security Cameras</b>	
<b>Base Bid Total</b>	<b>\$</b>

Submitted by : \_\_\_\_\_(printed)

Submitted by : \_\_\_\_\_(signed)

**END OF SECTION**

## 5.0 BUSINESS ENTERPRISE PROGRAM

### STATE OF ILLINOIS BUSINESS ENTERPRISE PROGRAM MINORITIES, FEMALES, PERSONS WITH DISABILITY PARTICIPATION AND UTILIZATION PLAN

The Business Enterprise for Minorities, Females and Persons with Disabilities Act (BEP) establishes a goal for community colleges contracting with businesses that have been certified as owned and controlled by persons who are minorities (MBE), female (FBE/ also referred to as WBE), or persons with disabilities (PDBE) (collectively, BEP certified vendor(s)). 30 ILCS 575

**Contract Goal to be Achieved by Vendor:** This solicitation includes an aspirational **BEP** participation goal of 20% based on the availability of BEP certified vendors to perform or provide the anticipated services and/or supplies required by this solicitation.

**The BEP participation goal is applicable to all bids or offers.** In addition to the award criteria established for this solicitation, the College will award this contract to a Vendor that meets the goal or demonstrates good faith efforts to meet the goal. This goal is applicable to change orders and allowances within the scope of work provided by the BEP certified vendors. If Vendor is an MBE and FBE certified vendor, the entire goal is met and no subcontracting with a BEP certified vendors is required; however, **Vendor must submit a Utilization Plan indicating that the goal will be met by self-performance.**

Following are guidelines for Vendor's completion of the Utilization Plan. The Utilization Plan must demonstrate that Vendor has either: (1) met the entire contract goal; or (2) made good faith efforts towards meeting the goal.

At the time of bid or offer, Vendor, or Vendor's proposed Subcontractor, must be certified with the Illinois Department of Central Management Services as a BEP certified vendor.

Failure to complete a Utilization Plan or provide Good Faith Effort documentation shall render the bid or offer non-responsive; and subject to rejection and/or disqualification in the College's sole discretion.

1. If applicable where there is more than one prime vendor, the Utilization Plan should include an executed Joint Venture Agreement specifying the terms and conditions of the relationship between the parties and their relationship and responsibilities to the contract. The Joint Venture Agreement must clearly evidence that the BEP certified vendor will be responsible for a clearly defined portion of the work and that its responsibilities, risks, profits and contributions of capital, and personnel are proportionate to its ownership percentage. It must include specific details related to the parties' contributions of capital, personnel, and equipment and share of the costs of insurance and other items; the scopes to be performed by the BEP certified vendor under its supervision; and the commitment of management, supervisory personnel, and operative personnel employed by the BEP certified vendor to be dedicated to the performance of the contract. Established Joint Venture Agreements will only be credited toward BEP goal achievements for specific work performed by the BEP certified vendor. **Each party to the Joint Venture Agreement must execute the bid or offer prior to submission of the bid or offer to the College.**
2. An agreement between a vendor and a BEP certified vendor in which a BEP certified vendor promises not to provide subcontracting or pricing quotations to other vendors is prohibited. The College may

request additional information to demonstrate compliance. Vendor agrees to cooperate promptly with the College in submitting to interviews, allowing entry to places of business, providing further documentation, and to soliciting the cooperation of a proposed BEP certified vendor. Failure to cooperate by Vendor and BEP certified vendor may render the bidder or offeror non-responsive or not responsible. **The contract will not be awarded to Vendor unless Vendor's Utilization Plan is approved by the College.**

3. **BEP Certified Vendor Locator References:** Vendor may consult CMS' BEP Vendor Directory at [www.sell2.illinois.gov/cms/business](http://www.sell2.illinois.gov/cms/business), as well as the directories of other certifying agencies, but firms **must be certified with CMS as BEP certified vendors at the time of bid or offer.**
4. **Vendor Assurance:** Vendor shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure by Vendor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the College deems appropriate. This assurance must be included in each subcontract that Vendor signs with a subcontractor or supplier.
5. **Calculating BEP Certified Vendor Participation:** The Utilization Plan documents work anticipated to be performed, or goods/equipment provided by all BEP certified vendors and paid for upon satisfactory completion/delivery. Only the value of payments made for the work actually performed by BEP certified vendors, by subcontractors or suppliers to such vendors, is counted toward the contract goal. Applicable guidelines for counting payments attributable to contract goals are summarized below:
  - 5.1 The value of the work actually performed or goods/equipment provided by the BEP certified vendor shall be counted towards the goal. The entire amount of that portion of the contract that is performed by the BEP certified vendor, including supplies purchased or equipment leased by the BEP certified vendor shall be counted, except supplies purchased and equipment rented from the Prime Vendor submitting this bid or offer.
  - 5.2 A vendor shall count the portion of the total dollar value of the BEP contract equal to the distinct, clearly defined portion of the work of the contract that the BEP certified vendor performs toward the goal. A vendor shall also count the dollar value of work subcontracted to other BEP certified vendor. Work performed by the non- BEP certified party shall not be counted toward the goal. **Work that a BEP certified vendor subcontracts to a non-BEP certified vendor will not count towards the goal.**
  - 5.3 A Vendor shall count toward the goal 100% of its expenditures for materials and supplies required under the contract and obtained from a BEP certified vendor manufacturer, BEP certified regular dealer, or BEP certified supplier. A Vendor shall count toward the goal the following expenditures to BEP certified vendors that are not manufacturers, regular dealers, or suppliers:
    - 5.3.1 The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for performance of the contract, provided that the fee or commission is determined by College to be reasonable and not excessive as compared with fees customarily allowed for similar services.



- 5.3.2** The fees charged for delivery of materials and supplies required by the contract (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a supplier of the materials and supplies being procured, provided that the fee is determined by the College to be reasonable and not excessive as compared with fees customarily allowed for similar services. The BEP certified vendor's trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible on the contract, and must itself own and operate at least one fully licensed, insured and operational truck used on the contract.
- 5.3.3** The fees or commissions charged for providing any bonds or insurance specifically required for the performance of the contract, provided that the fee or commission is determined by the College to be reasonable and not excessive as compared with fees customarily allowed for similar services.
- 5.4** BEP certified vendors who are performing on contract as second tier subcontractors may be counted in meeting the established BEP goal for this contract as long as the Prime Vendor can provide documentation indicating the utilization of these vendors.
- 5.5** A Vendor shall count towards the goal only expenditures to firms that perform a commercially useful function in the work of the contract.
- 5.5.1** A firm is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carries out its responsibilities by actually performing, managing, and supervising the work involved. The BEP certified vendor must also be responsible, with respect to materials or supplies used on the contract, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the material or supplies. To determine whether a firm is performing a commercially useful function, the College shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the credit claimed for its performance of the work, industry practices, and other relevant factors.
- 5.5.2** A BEP certified vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction or contract through which funds are passed through in order to obtain BEP certified vendor participation. In determining whether a BEP certified vendor is such an extra participant, the College shall examine similar transactions, particularly those in which BEP certified vendors do not participate, and industry practices.
- 5.6** A Vendor shall not count towards the goal expenditures that are not direct, necessary and related to the work of the contract. Only the amount of services or goods that are directly attributable to the performance of the contract shall be counted. Ineligible expenditures include general office overhead or other Vendor support activities.
- 6. Good Faith Effort Procedures:** Vendor must submit Utilization Plans, subcontract documents, and/or Letters of Intent that meet or exceed the published goal. If Vendor cannot meet the stated goal, Vendor must document and explain within the Utilization Plan the good faith efforts it undertook to meet the goal. Utilization Plans are due at the time of and must be enclosed and sealed with the bid

or offer submission. Copies of subcontract documents and/or Letters of Intent shall be due upon request.

7. **Contract Compliance:** Compliance with this section is an essential part of the contract. The following administrative procedures and remedies govern Vendor's compliance with the contractual obligations established by the Utilization Plan. **After approval of the Plan and award of the contract, the Utilization Plan becomes part of the contract.** If Vendor did not succeed in obtaining BEP certified vendor participation to achieve the goal and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of BEP certified vendor work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the contract goal.
  - 7.1. The Utilization Plan may not be amended after contract execution without the College's prior written approval.
  - 7.2. **Vendor may not make changes to its contractual BEP certified vendor commitments or substitute BEP certified vendors without the prior written approval of the College.** Unauthorized changes or substitutions, including performing the work designated for a BEP certified vendor with Vendor's own forces, shall be a violation of the utilization plan and a breach of the contract, and shall be cause to terminate the contract, and/or seek other contract remedies or sanctions.
  - 7.3. If it becomes necessary to substitute a BEP certified vendor or otherwise change the Utilization Plan, Vendor must notify the College in writing of the request to substitute a BEP certified vendor or otherwise change the Utilization Plan. The request must state specific reasons for the substitution or change. The College shall notify the Council or its delegate of the request to substitute a BEP certified vendor or change the Utilization Plan. The College reserves the right to approve or deny a request for substitution or other change in the Utilization Plan.
  - 7.4. Where Vendor has established the basis for the substitution to the College's satisfaction, it must make good faith efforts to meet the contract goal by substituting a BEP certified vendor. Documentation of a replacement BEP certified vendor, or of good faith efforts to replace the BEP certified vendor, must meet the requirements of the initial Utilization Plan. If the goal cannot be reached and good faith efforts have been made, Vendor may substitute with a non- BEP certified vendor or Vendor may perform the work.
  - 7.5. If a Vendor plans to hire a subcontractor for any scope of work that was not previously disclosed in the Utilization Plan, Vendor must obtain the approval of the College to modify the Utilization Plan and must make good faith efforts to ensure that BEP certified vendors have a fair opportunity to submit a bid or offer on the new scope of work.
  - 7.6. A new BEP certified vendor agreement must be executed and submitted to the College within five business days of Vendor's receipt of the College's approval for the substitution or other change.
  - 7.7. Vendor shall maintain a record of all relevant data with respect to the utilization of BEP certified vendors, including but without limitation, payroll records, invoices, canceled checks and books of account for a period of at least three years after the completion of the contract. Full access to these records shall be granted by Vendor upon 48 hours written demand by the College to any duly authorized representative thereof, or to any

municipal, state or federal authorities. The College shall have the right to obtain from Vendor any additional data reasonably related or necessary to verify any representations by Vendor. After the performance of the final item of work or delivery of material by the BEP certified vendor and final payment to the BEP certified vendor by Vendor, but not later than 30 calendar days after such payment, Vendor shall submit a statement confirming the final payment and the total payments made to the BEP certified vendor under the contract.

- 7.8.** The College will periodically review Vendor's compliance with these provisions and the terms of its contract. Without limitation, Vendor's failure to comply with these provisions or its contractual commitments as contained in the Utilization Plan, failure to cooperate in providing information regarding its compliance with these provisions or its Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status or eligibility of the BEP certified vendor, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and entitle the College to declare a default, terminate the contract, or exercise those remedies provided for in the contract or at law or in equity.
- 7.9.** The College reserves the right to withhold payment to Vendor to enforce these provisions and Vendor's contractual commitments. Final payment shall not be made pursuant to the contract until Vendor submits sufficient documentation demonstrating compliance with its Utilization Plan.

## UTILIZATION PLAN

**The Utilization Plan and Letter of Intent must be sealed and submitted with Proposal.**

\_\_\_\_\_ (Vendor) submits the following Utilization Plan as part  
Respondent Name

of our bid or offer in accordance with the requirements of the BEP Program Status and Participation section of the solicitation for **Data Cabling for Security Cameras, Bid Number 2019-B0028**. We understand that all subcontractors must be certified with the CMS BEP Program at the time of submission of all bids and offers. **We understand that compliance with this section is an essential part of this contract and that the Utilization Plan will become a part of the contract, if awarded.**

Vendor submits the following statement:

- Vendor is a BEP certified firm and plans to fully meet the goal through self-performance.
- Vendor has identified BEP certified subcontractor(s) to fully meet the established goal and submits the attached executed Letter(s) of Intent; or
- Vendor has made good faith efforts towards meeting the entire goal as indicated on the attached Utilization Plan, or a portion of the goal, and hereby requests a waiver (complete checklist below).

Vendor's person responsible for compliance with this BEP goal:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

## DEMONSTRATION OF GOOD FAITH EFFORTS TO ACHIEVE GOAL AND REQUEST FOR WAIVER

If the BEP participation goal was not achieved, the vendor must provide documented evidence of good faith efforts to achieve the goal.

Below is a checklist of actions that will be used to evaluate a Vendor's Demonstration of Good Faith Efforts and Request for Waiver. **Please check the actions which you completed.** If any other efforts were made to obtain BEP participation in addition to the items listed below, attach a detailed description of such efforts. The College reserves the right to review and audit the results of the vendor's efforts as described below.

- Utilize the Sell2Illinois website: [www2.illinois.gov/cms/business](http://www2.illinois.gov/cms/business) to identify BEP certified vendors within the respective commodity/service codes denoted above and at a minimum email all listed vendors and solicit quotes from all vendors who express an interest via follow-up emails or telephone calls.
- Solicit through all reasonable and available means (e.g., attendance at a vendor conference, advertising and/or written notices) the interest of BEP certified vendors that have the capability to perform the work of the contract. Vendor must solicit this interest within sufficient time to allow the BEP certified vendors to respond to the solicitation. Vendor must determine with certainty if the BEP certified vendors are interested by taking appropriate steps to follow up initial solicitations and encourage them to submit a bid or proposal. Vendor must provide interested BEP certified vendors with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding promptly to the solicitation.
- Select portions of the work to be performed by BEP certified vendors in order to increase the likelihood that the goal will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate BEP certified vendor participation, even when Vendor might otherwise prefer to perform these work items with its own forces.
- Make a portion of the work available to BEP certified vendors and selecting those portions of the work or material needs consistent with their availability, so as to facilitate BEP certified vendor participation.
- Negotiate in good faith with interested BEP certified vendors. Evidence of such negotiation must include the names, addresses, email addresses, and telephone numbers of BEP certified vendors that were considered and an explanation as to why an agreement could not be reached.
- Thoroughly investigate the capabilities of BEP certified vendors and not reject them as unqualified without sound reasons.
- Make efforts to assist interested BEP certified vendors in obtaining lines of credit or insurance as required by the College.
- Make efforts to assist interested BEP certified vendors in obtaining necessary equipment, supplies, materials, or related assistance or services.

**6.0 CERTIFICATIONS **\*\*Required\*\*****

**IMPORTANT:** All bidders are required to complete and sign this form. Completed form must be returned with bid no later than the advertised bid deadline. Failure to return this completed form may result in disqualification of bid.

THE UNDERSIGNED IS CAUTIONED TO CAREFULLY READ THESE CERTIFICATIONS PRIOR TO SIGNING THE SIGNATURE PAGE. SIGNING THE SIGNATURE PAGE SHALL CONSTITUTE A WARRANTY BY THE UNDERSIGNED THAT ALL THE STATEMENTS, CERTIFICATIONS AND INFORMATION SET FORTH WITHIN THESE CERTIFICATIONS ARE TRUE, COMPLETE AND CORRECT AS OF THE DATE THE SIGNATURE PAGE IS SIGNED. THE UNDERSIGNED IS NOTIFIED THAT IF THE COLLEGE LEARNS THAT ANY OF THE FOLLOWING CERTIFICATIONS WERE FALSELY MADE, THAT ANY CONTRACT ENTERED INTO WITH THE UNDERSIGNED SHALL BE SUBJECT TO TERMINATION.

- A. Prevailing Wage Act. To the extent required by law, Contractor shall not pay less than the prevailing wage as established pursuant to an Act Regulating the Wages of Laborers, Mechanics, and Other Workman employed under Contract for Public Workers 820 ILCS 130/1 *et seq.* Our company certifies that it is eligible for bidding on public contracts and has complied with section 11a of the Prevailing Wage Act, 820 ILCS 130.01-12. **Yes** \_\_\_\_\_ **No** \_\_\_\_\_
- B. Human Rights Act. To the extent required by law, Contractor shall abide by the Illinois Human Rights Act, 775 ILCS 10/0.01 *et seq.*
- C. Drug Free Workplace. To the extent required by law, Contractor shall abide with the requirements of the Drug Free Workplace Act 30 ILCS 580.1 *et seq.*
- D. Sexual Harassment Policy. Contractor represents by the signing of this agreement that it has a written sexual harassment policy that is in accordance with 775 ILCS 5/2-105 (A) (4).
- E. Non-debarment. By executing this agreement Contractor certifies that it has not been debarred from public contracts in the State of Illinois for violating either 33E-3 or 33E-4 of the Public Contracts Act, 720 ILCS 5/33E-1 *et seq.*
- F. Fair Employment Practice: Company is in compliance with all State and Federal laws regarding Fair Employment Practice as well as all rules and regulations. **Yes** \_\_\_\_\_ **No** \_\_\_\_\_
- G. Our company has an Equal Employment Opportunity and Affirmative Action Program which complies with Executive Order 11246, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, and the Rehabilitation Act of 1973.  
**Yes** \_\_\_\_\_ **No** \_\_\_\_\_
- H. Our company certifies that it is eligible for bidding on public contracts and is not in violation of either paragraph 33E-3 or 33-E-4 of Public Act 86-150, 720ICLS 5 with regards to bid rigging/bid rotating.  
**Yes** \_\_\_\_\_ **No** \_\_\_\_\_
- I. When required by law, the bidder and all bidder's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training as required by Illinois Public Act 093-0642.

**ADVICE**

- A. MINORITY/WOMAN-OWNED, DISADVANTAGED BUSINESS? YES \_\_\_\_\_ NO \_\_\_\_\_. If yes, please attach copy of certification and advise certification number and expiration date below:

Name of Certifying Entity: \_\_\_\_\_

Certification #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

- B. STATE NEGOTIATED COOPERATIVE AGREEMENT: YES \_\_\_\_\_ NO \_\_\_\_\_ Contract No. \_\_\_\_\_

Signature

Respondent/Company Official: \_\_\_\_\_ Date: \_\_\_\_\_

**7.0 SIGNATURE PAGE \*\*Required\*\***

**IMPORTANT:** All bidders are required to complete and sign this form. Completed form must be returned with bid no later than the advertised bid deadline. Failure to return this completed form may result in disqualification of bid.

Check One:

- SOLE PROPRIETOR**     **PARTNERSHIP** (and/or JOINT VENTURE)     **LIMITED LIABILITY COMPANY**
- CORPORATION**

The undersigned acknowledges receipt of a full set of Bid Documents and Addenda Numbers \_\_\_\_\_ (None unless indicated here). **All issued addenda must be signed and returned to the College as per the instructions in the addenda or bid will not be accepted.**

The undersigned makes the foregoing Bid subject to all of the terms and conditions of the Bid Documents. The undersigned certifies that all of the foregoing statements of the Vendor Certifications are true and correct. The undersigned warrants that all of the facts and information submitted by the undersigned in connection with this Bid are true and correct. Upon award and execution of this Contract by the College of DuPage Board of Trustees, the undersigned agrees that execution of this Bid shall stand as the undersigned's execution of this Contract.

BUSINESS NAME: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

BUSINESS TELEPHONE: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

CELLULAR TELEPHONE NUMBER: \_\_\_\_\_

FEIN/SSN: \_\_\_\_\_

**AUTHORIZED SIGNATURE:** \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Subscribed to and sworn before me this

\_\_\_\_\_ Day of \_\_\_\_\_, 2019.

My commission expires: \_\_\_\_\_

X \_\_\_\_\_

Notary Public Signature

Notary Seal

\* **Attach hereto a partnership resolution or other document authorizing the individual signing this Signature Page to so sign on behalf of the Partnership.**

\*\* **If the LLC is not registered in the State of Illinois, a copy of a current Certificate of Good Standing from the state of incorporation must be submitted with this Signature Page.**

\*\*\* **Attach either a certified copy of the by-laws, articles, resolution or other authorization demonstrating such persons to sign the Signature Page on behalf of the LLC.**

\*\*\* **If the corporation is not registered in the State of Illinois, a copy of the Certificate of Good Standing from the state of incorporation must be submitted with this Signature Page.**

\*\*\*\* **In the event that this Signature Page is signed by any persons other than the President and Secretary, attach either a certified copy of the corporate by-laws, a resolution or other authorization by the corporation, authorizing such persons to sign the Signature Page on behalf of the corporation.**

**8.0 CONFLICT OF INTEREST DISCLOSURE AND NON-COLLUSION FORM **\*\*Required\*\*****

**IMPORTANT:** All bidders are required to complete and sign this form. Completed form must be returned with bid no later than the advertised bid deadline. Failure to return this completed form may result in disqualification of bid.

BID #: \_\_\_\_\_ DATE: \_\_\_\_\_

**CONFLICT OF INTEREST DISCLOSURE**

College of DuPage (COD) reserves the right, at its sole discretion, to reject any and all bids, revise the submission timeline as described in the solicitation, and to discontinue at any time the submission process as described in the solicitation. College of DuPage is requiring that any and all relationships with the College, its Administrators, Trustees, Committee members, COD Foundation Trustees, or any other Employee of the College be disclosed in writing as a part of any bid submitted. Contact with any employee of the College of DuPage during the pre-award period, except as noted in the solicitation, is strictly forbidden and is considered sufficient grounds for dismissal from the Bid/RFP process.

**VENDOR CONFLICT OF INTEREST DISCLOSURE**

Define the relationship with any College of DuPage Administrator, Trustee, Employee, COD Foundation Board member, Committee member, or their immediate family member, with which your company or any of its owners, officers, Trustees, employees, or their immediate family, does business or is likely to do business with, or for which there is an opportunity to influence a related College decision; include the name and relationship to any immediate family member.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Vendor certifies that there is no known conflict of interest with any COD Administrator, Employee, Trustee, Committee member, or COD Foundation Trustee, or their immediate family.

Vendor Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NON-COLLUSION STATEMENT**

The undersigned affirms that he/she is duly authorized to execute this contract and that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been Communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.

Company Name: \_\_\_\_\_ Owners/Principal(s)  
Name(s)/Title(s): \_\_\_\_\_

Vendor Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature

Bidder/Company Official: \_\_\_\_\_ Date: \_\_\_\_\_



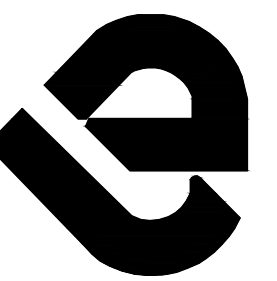
## **Exhibit A Drawings**

**COLLEGE OF DuPAGE  
INFORMATION TECHNOLOGY**

**NETWORK AND CAT CABLING  
INFRASTRUCTURE PROJECT**

**2019**

**BIC BUILDING - 81 NETWORK JACKS  
MAC BUILDING - 3 NETWORK JACKS  
SRC BUILDING - 17 NETWORK JACKS  
SSC BUILDING - 15 NETWORK JACKS**

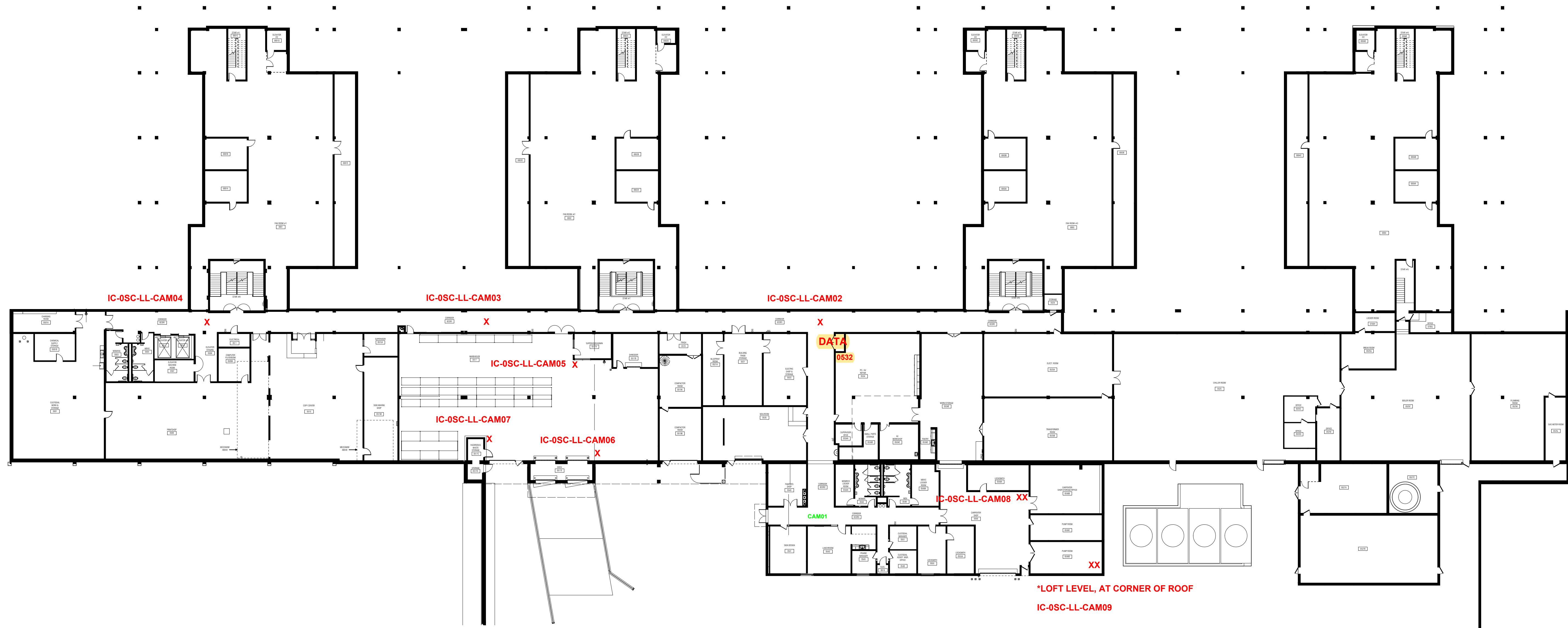


NOTES:

ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.

X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING

XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING



NOTES:

ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.

X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING

XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING





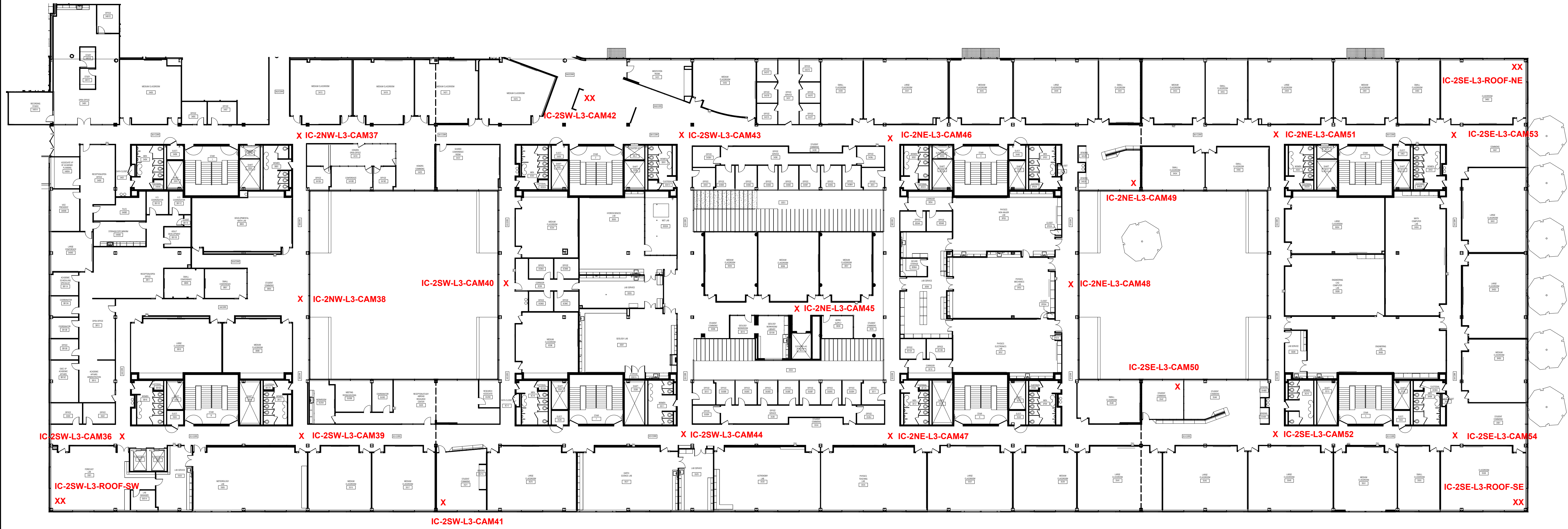
NOTES:  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING

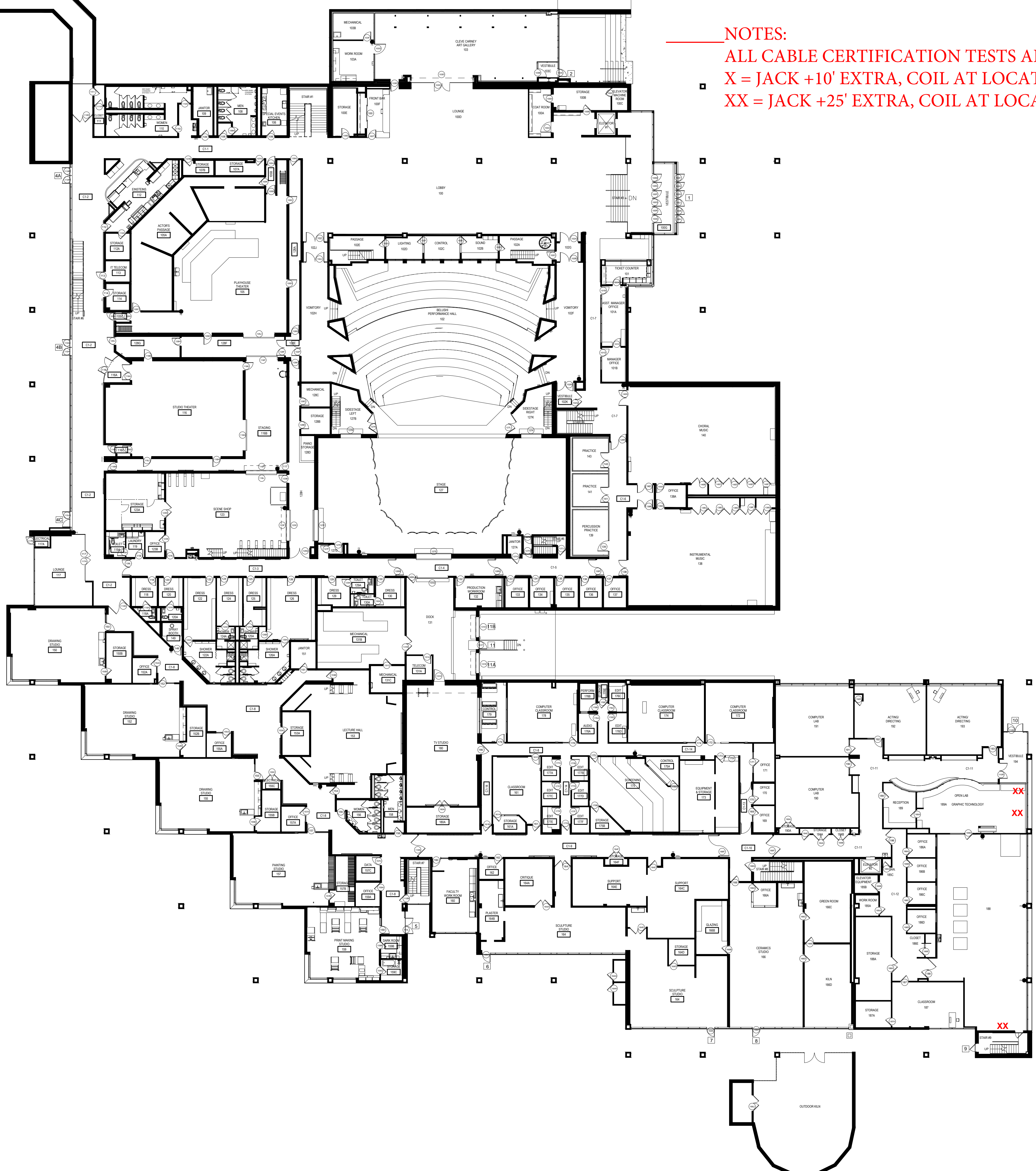
NOTES:

ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.

X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING

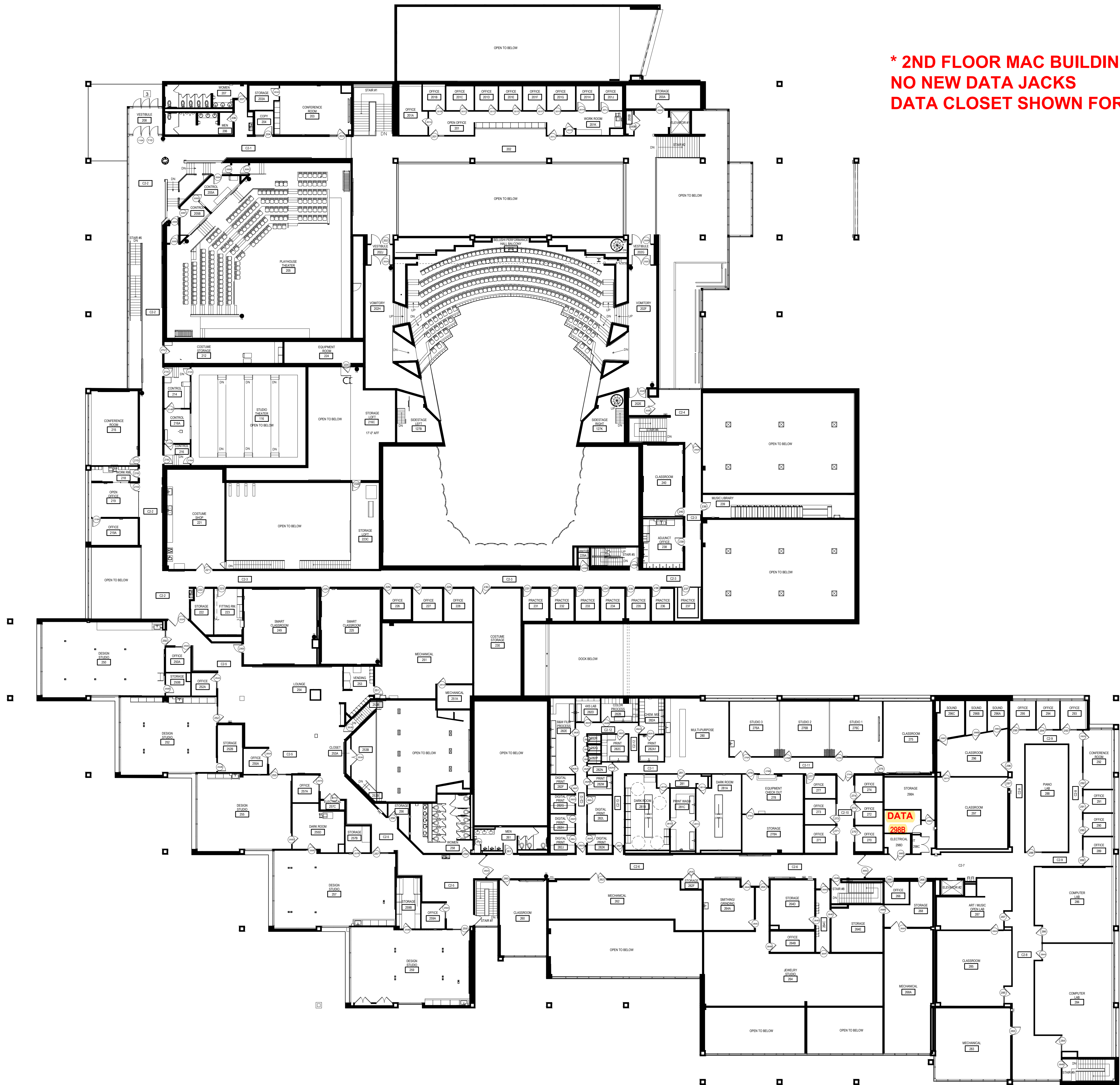
XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING





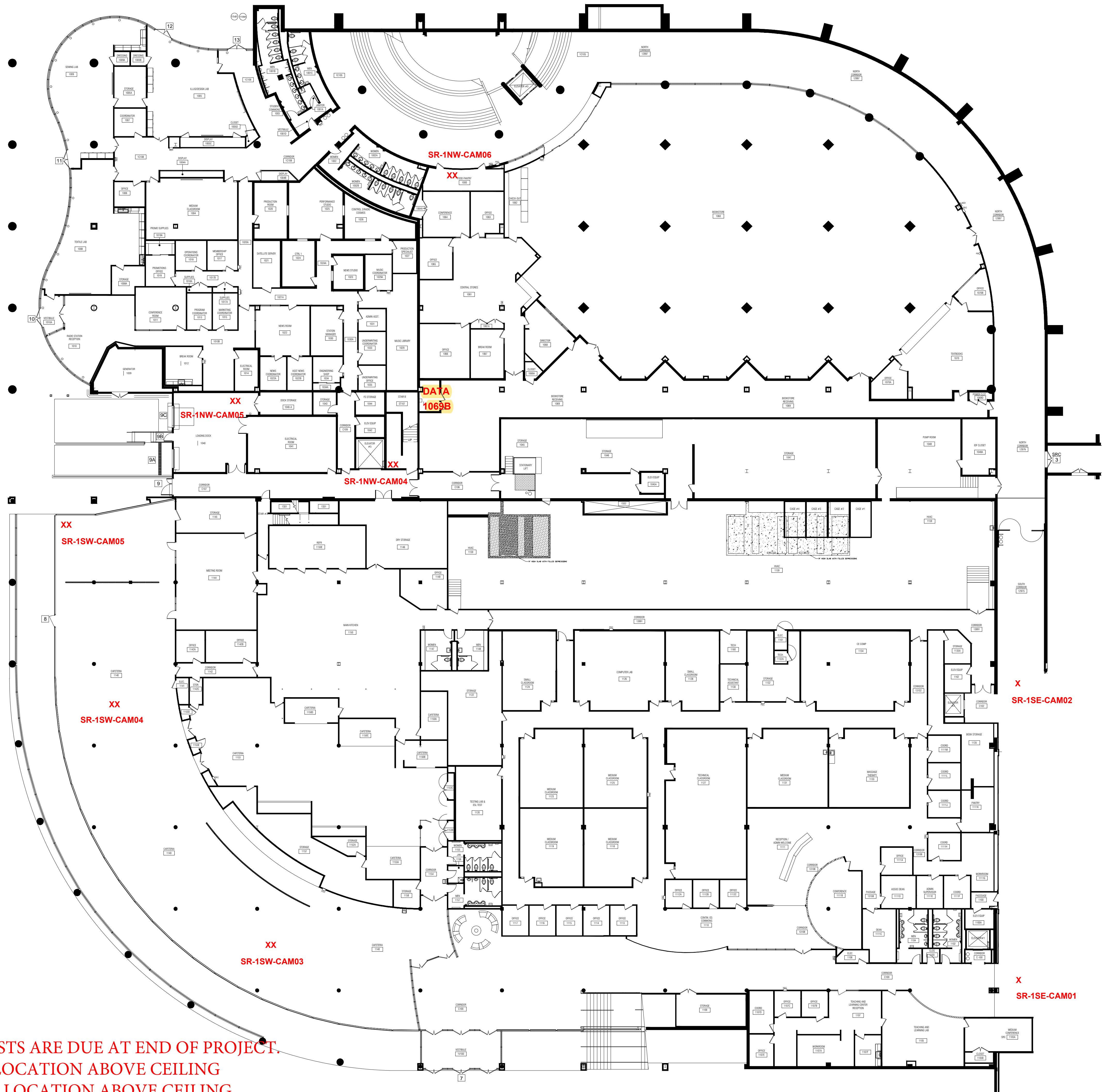
**NOTES:**  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING

XX AR-2NW-L1-CAM29  
 XX AR-2NW-L1-CAM31  
 XX AR-2NW-L1-CAM30

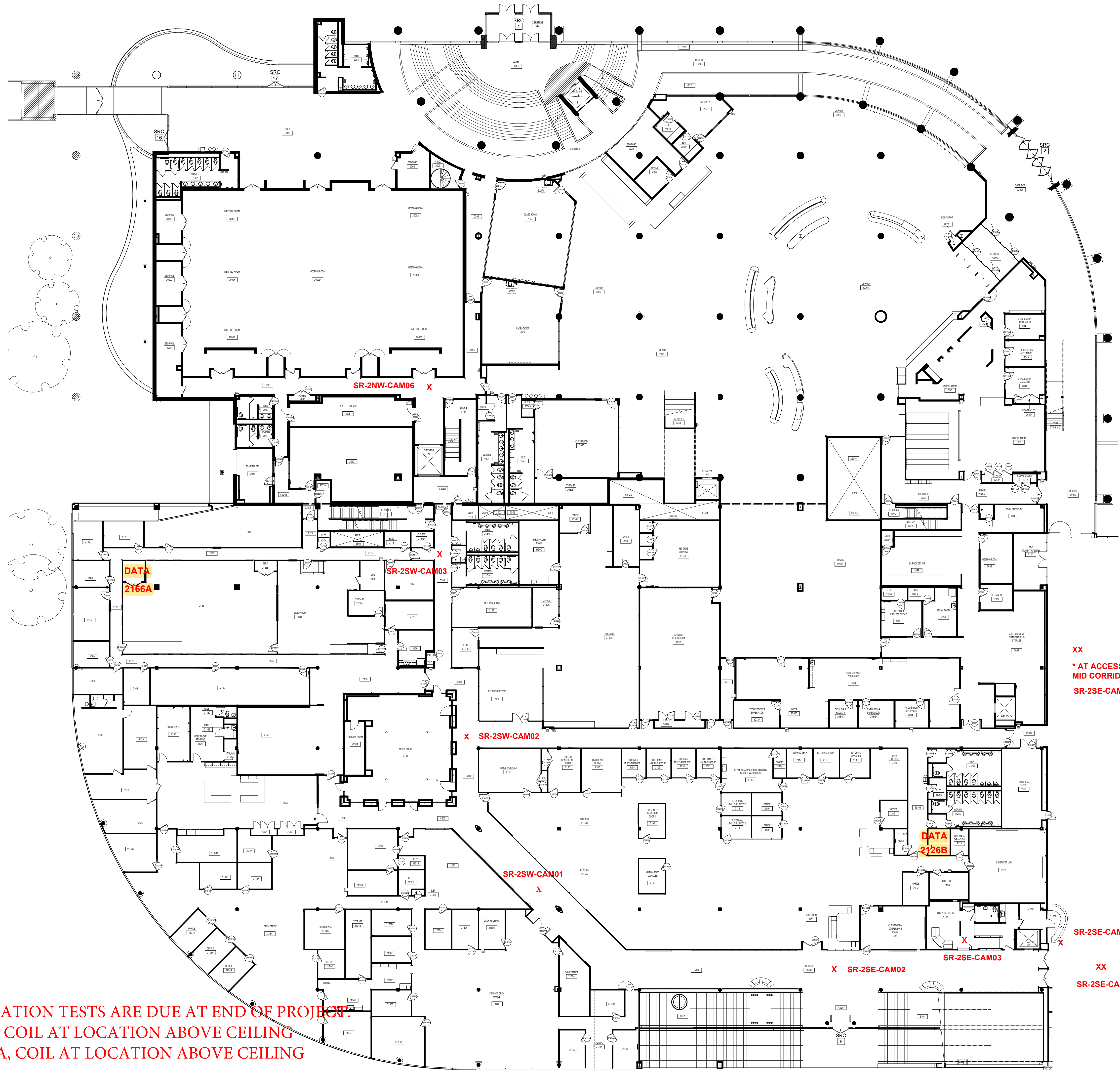


**\* 2ND FLOOR MAC BUILDING  
NO NEW DATA JACKS  
DATA CLOSET SHOWN FOR REFERENCE**





NOTES:  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING



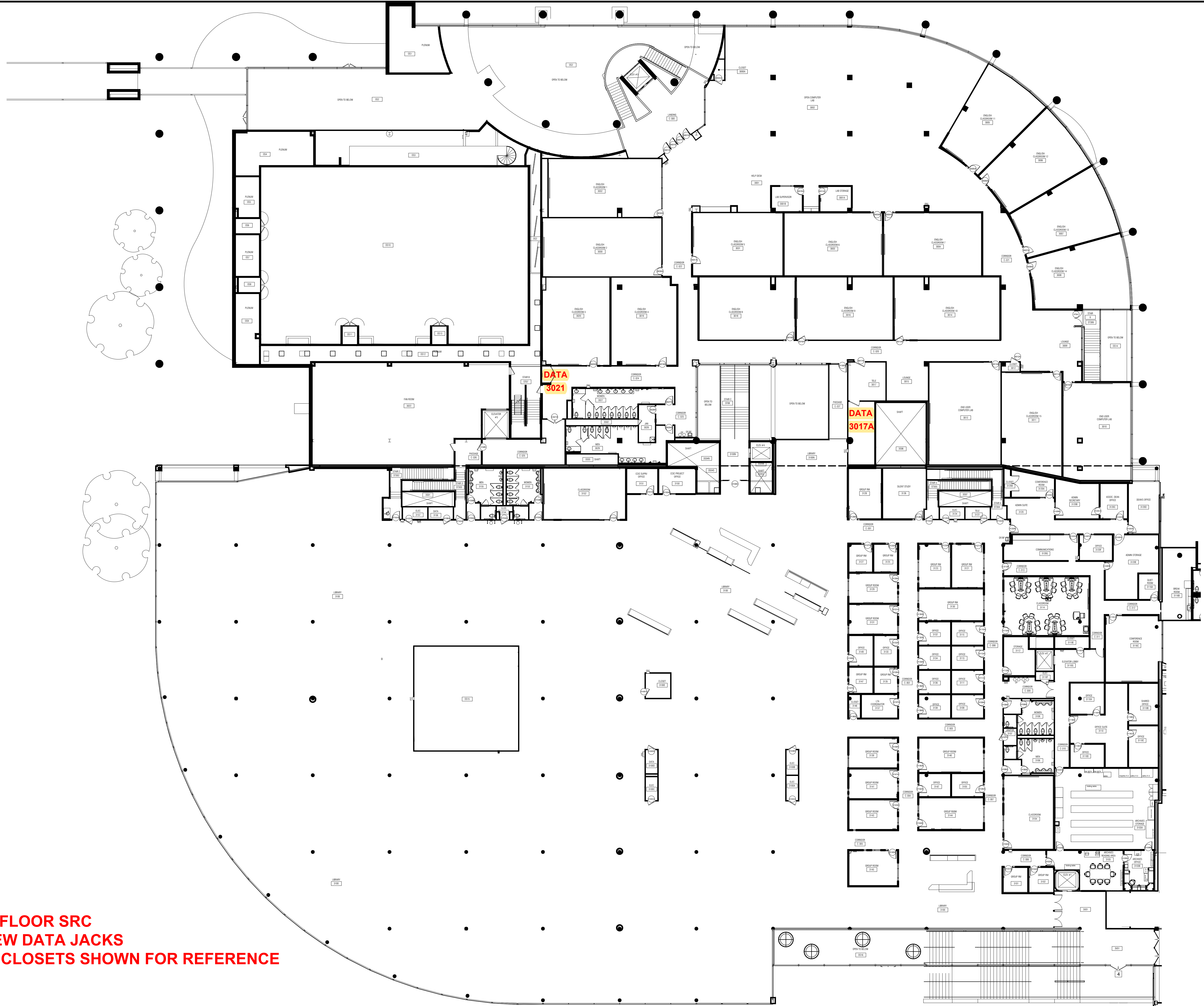
NOTES:  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING

XX  
 \* AT ACCESS HATCH  
 MID CORRIDOR  
 SR-2SE-CAM06

SR-2SE-CAM04

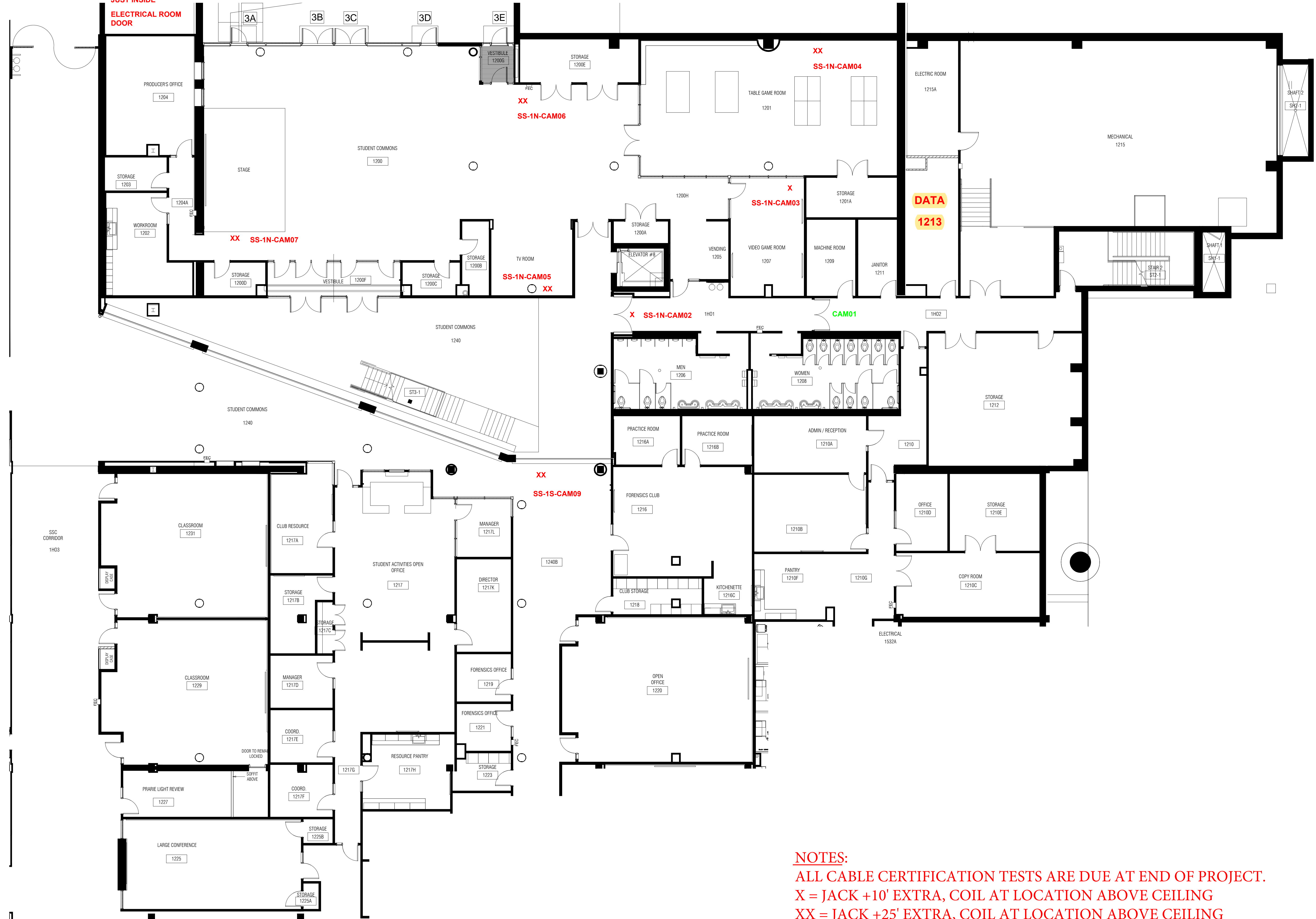
XX  
 SR-2SE-CAM05

\* 3RD FLOOR SRC  
NO NEW DATA JACKS  
DATA CLOSETS SHOWN FOR REFERENCE

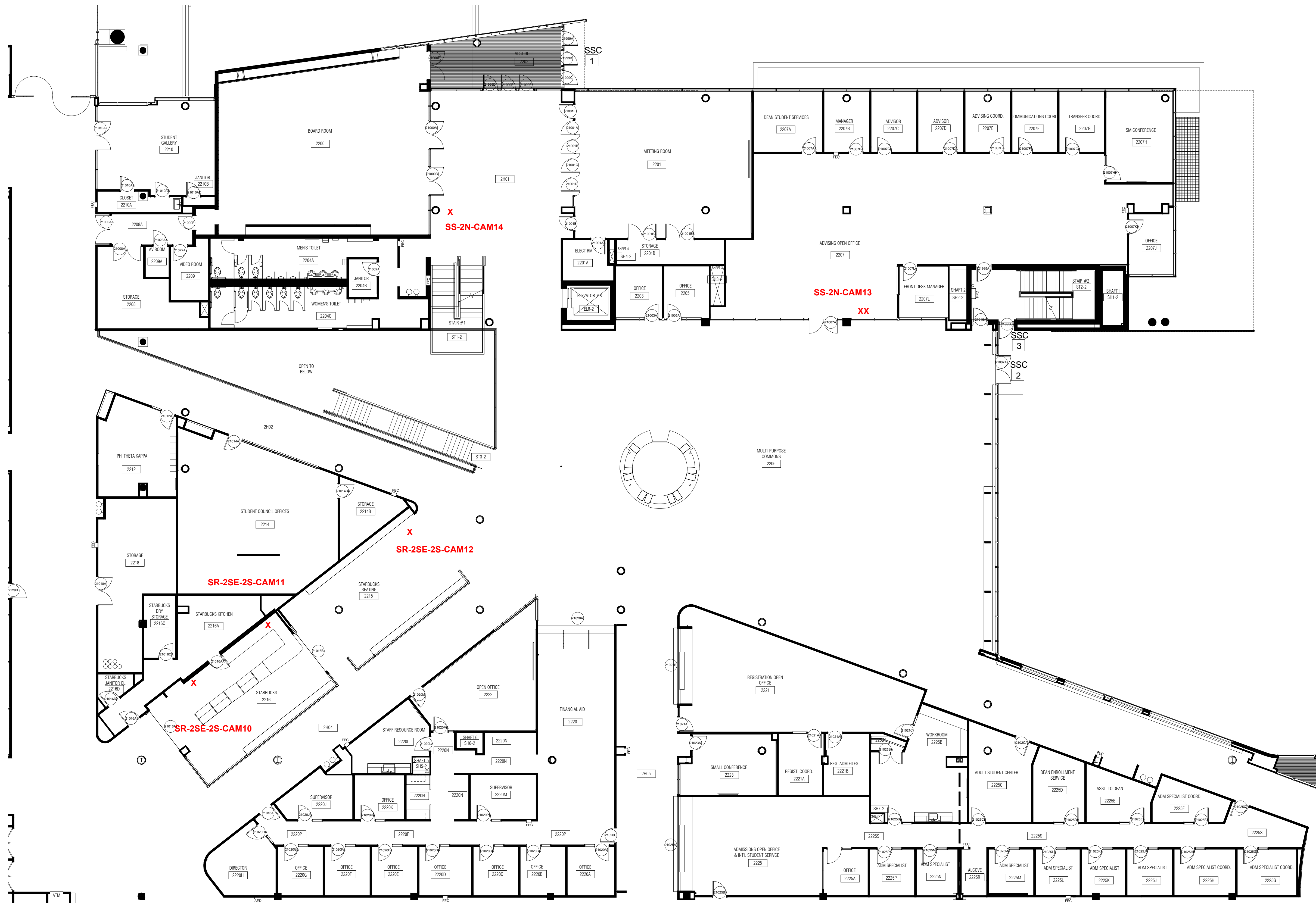


XX SS-1N-CAM08

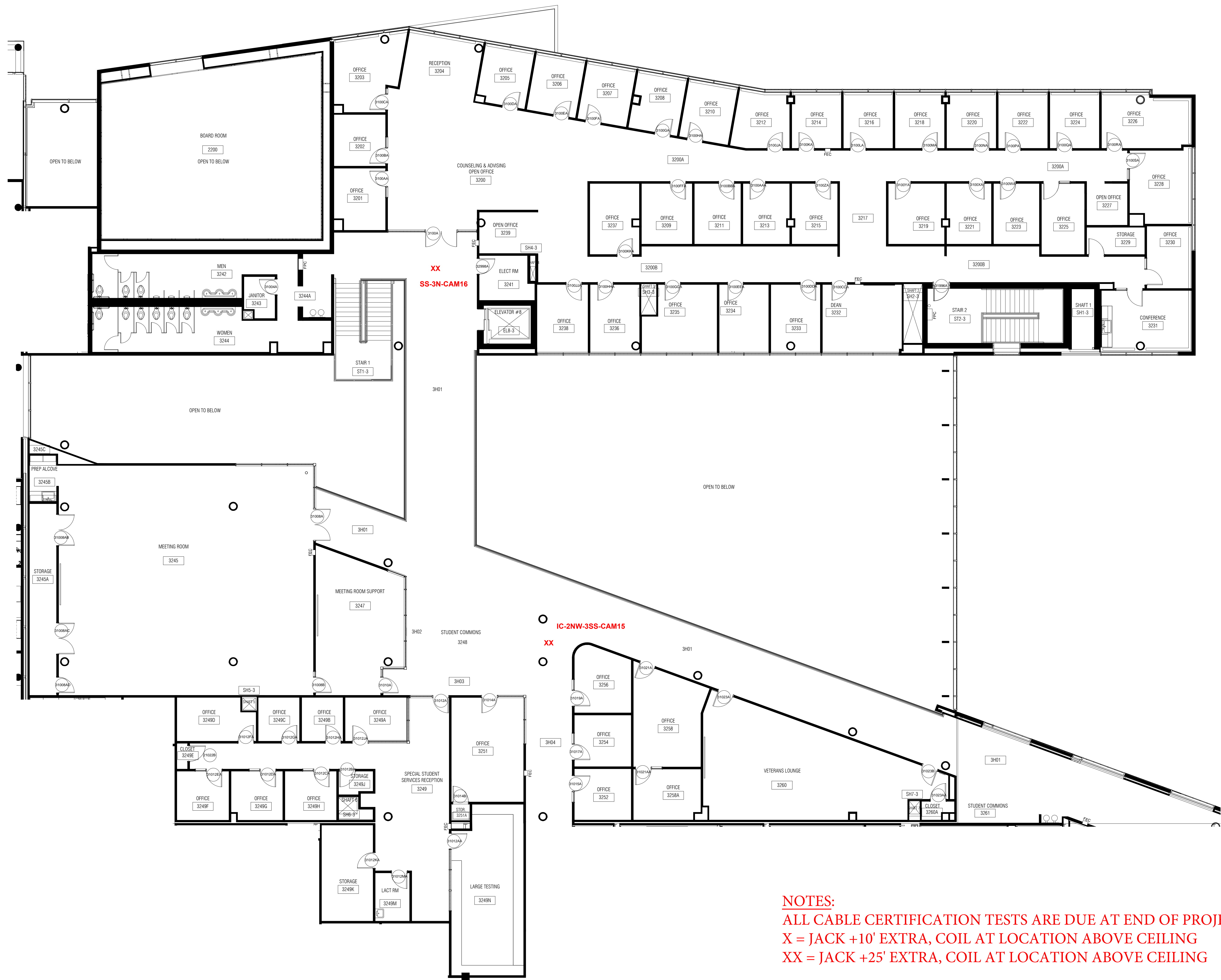
\* LOCATION JUST INSIDE ELECTRICAL ROOM DOOR



**NOTES:**  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING



**NOTES:**  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING



**NOTES:**  
 ALL CABLE CERTIFICATION TESTS ARE DUE AT END OF PROJECT.  
 X = JACK +10' EXTRA, COIL AT LOCATION ABOVE CEILING  
 XX = JACK +25' EXTRA, COIL AT LOCATION ABOVE CEILING

## **Exhibit B Locations**

**COLLEGE OF DuPAGE  
SECURITY CAMERA DATA CABLING  
SPRING 2019**

<u>CLOSET LOCATION</u>	<u>0SC</u>	<u>2NW</u>	<u>2SW</u>	<u>2NE</u>	<u>2SE</u>	<u>OTHER</u>
IC-0SC-LL-CAM02	1					
IC-0SC-LL-CAM03	1					
IC-0SC-LL-CAM04	1					
IC-0SC-LL-CAM05	1					
IC-0SC-LL-CAM06	1					
IC-0SC-LL-CAM07	1					
IC-0SC-LL-CAM08	1					
IC-0SC-LL-CAM09	1					
IC-2NW-L1-CAM01		1				
IC-2NW-L1-CAM02		1				
IC-2NW-L1-CAM03		1				
IC-2NW-L1-CAM04		1				
IC-2NW-L1-CAM05		1				
IC-2SW-L1-CAM06			1			
IC-2SW-L1-CAM07			1			
IC-2SW-L1-CAM08			1			
IC-2SW-L1-CAM09			1			
IC-2SW-L1-CAM10			1			
IC-2SW-L1-CAM11			1			
IC-2NE-L1-CAM12				1		
IC-2NE-L1-CAM13				1		
IC-2NE-L1-CAM14				1		
IC-2NE-L1-CAM15				1		
IC-2SE-L1-CAM16					1	
IC-2NE-L1-CAM17				1		
IC-2SE-L1-CAM18					1	
IC-2SE-L1-CAM19					1	
IC-2SE-L1-CAM20					1	
IC-2NW-L2-CAM21		1				
IC-2NW-L2-CAM22		1				
IC-2NW-L2-CAM23		1				
IC-2SW-L2-CAM24			1			
IC-2SW-L2-CAM25			1			
IC-2SW-L2-CAM26			1			
IC-2SW-L2-CAM27			1			
IC-2SW-L2-CAM28			1			
IC-2NE-L2-CAM29				1		
IC-2NE-L2-CAM30				1		
IC-2NE-L2-CAM31				1		
IC-2SE-L2-CAM32					1	
IC-2SE-L2-CAM33					1	
IC-2SE-L2-CAM34					1	
IC-2SE-L2-CAM35					1	
IC-2SW-L2-CAM-E2			1			
IC-2NE-L2-CAM-E3				1		
IC-2SE-L2-CAM-E4					1	
IC-2SE-L2-CAM-E5					1	
IC-2NE-L2-CAM-E6				1		
IC-2SW-L2-CAM-E7			1			
IC-2NW-L2-CAM-E8		1				



**COLLEGE OF DuPAGE  
SECURITY CAMERA DATA CABLING  
SPRING 2019**

<u>CLOSET LOCATION</u>	<b>0SC</b>	<b>2NW</b>	<b>2SW</b>	<b>2NE</b>	<b>2SE</b>	<b>OTHER</b>
IC-2NE-L2-CAM-EXT1				1		
IC-2NW-L2-CAM-W1		1				
IC-2NW-L2-CAM-W2		1				
IC-2NW-L2-CAM-W3		1				
IC-2NW-L2-CAM-W4		1				
IC-2NW-L2-CAM-W5		1				
IC-2NW-L2-CAM-C1		1				
IC-2NW-L2-CAM-C2		1				
IC-2NW-L2-CAM-C3		1				
IC-2SW-L3-CAM36			1			
IC-2NW-L3-CAM37		1				
IC-2NW-L3-CAM38		1				
IC-2SW-L3-CAM39			1			
IC-2SW-L3-CAM40			1			
IC-2SW-L3-CAM41			1			
IC-2SW-L3-CAM42			1			
IC-2SW-L3-CAM43			1			
IC-2SW-L3-CAM44			1			
IC-2NE-L3-CAM45				1		
IC-2NE-L3-CAM46				1		
IC-2NE-L3-CAM47				1		
IC-2NE-L3-CAM48				1		
IC-2NE-L3-CAM49				1		
IC-2SE-L3-CAM50					1	
IC-2NE-L3-CAM51				1		
IC-2SE-L3-CAM52					1	
IC-2SE-L3-CAM53					1	
IC-2SE-L3-CAM54					1	
IC-2SE-L3-ROOF-NE					1	
IC-2SE-L3-ROOF-SE					1	
IC-2SW-L3-ROOF-SW			1			

<b>TOTAL CLOSET 0SC</b>	<b>8</b>					
<b>TOTAL CLOSET 2NW</b>		<b>19</b>				
<b>TOTAL CLOSET 2SW</b>			<b>21</b>			
<b>TOTAL CLOSET 2NE</b>				<b>17</b>		
<b>TOTAL CLOSET 2SE</b>					<b>16</b>	

**81 Sub Total for IC building**

**COLLEGE OF DuPAGE  
NETWORK INFRASTRUCTURE PROJECT**

<u>CLOSET LOCATION</u>	LL	2NW	2SW	2NE	2SE	OTHER	
SS-1N-CAM02						1	
SS-1N-CAM03						1	
SS-1N-CAM04						1	
SS-1N-CAM05						1	
SS-1N-CAM06						1	
SS-1N-CAM07						1	
SS-1N-CAM08						1	
SS-1S-CAM09						1	
SR-2SE-2SS-CAM10						1	
SR-2SE-2SS-CAM11						1	
SR-2SE-2SS-CAM12						1	
SS-2N-CAM13						1	
SS-2N-CAM14						1	
IC-2NW-3SS-CAM15						1	
SS-1N-3N-CAM16						1	
SR-1NW-CAM04						1	
SR-1NW-CAM05						1	
SR-1NW-CAM06						1	
SR-1SW-CAM03						1	
SR-1SW-CAM04						1	
SR-1SW-CAM05						1	
SR-1SE-CAM01						1	
SR-1SE-CAM02						1	
SR-2NW-CAM06						1	
SR-2SW-CAM01						1	
SR-2SW-CAM02						1	
SR-2SW-CAM03						1	
SR-2SE-CAM02						1	
SR-2SE-CAM03						1	
SR-2SE-CAM04						1	
SR-2SE-CAM05						1	
SR-2SE-CAM06						1	
AR-2NW-L1-CAM29						1	
AR-2NW-L1-CAM30						1	
AR-2NW-L1-CAM31						1	
						<b>35</b>	<b>Sub Total for other buildings</b>
						<b>116</b>	<b>Grand Total</b>