

| NO. | DATE       | REVISION NO.                     |
|-----|------------|----------------------------------|
| 1   | 2021-03-24 | ISSUED FOR REVIEW                |
| 2   | 2021-04-29 | ISSUED FOR REVIEW                |
| 3   | 2021-07-21 | ISSUED FOR 100% TENDER CHECK SET |
| 4   | 2021-08-06 | ISSUED FOR TENDER                |
| 5   | 2021-10-20 | ISSUED FOR CONSTRUCTION          |

**PROJECT CONTACT**

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THIS DRAWING SHALL BE READ IN CONJUNCTION WITH COMMUNICATIONS SPECIFICATION SUBMITTED FOR THIS PROJECT.

**DRAWING LIST**

| DRAWING No. | TITLE   |
|-------------|---|
| TC-0.1      | DRAWING LIST, GENERAL NOTES, ABBREVIATIONS, LEGENDS AND DETAILS |
| TC-0.2      | COMMUNICATIONS DETAILS CONTINUED                                |
| TC-0.3      | COMMUNICATIONS DRAWING SPECIFICATIONS                           |
| TC-2.0      | 2ND FLOOR COMMUNICATIONS LAYOUT                                 |
| TC-2.1      | 2ND FLOOR COMMUNICATIONS DEMOLITION LAYOUT                      |

**ABBREVIATIONS**

|    |                          |     |                          |
|----|--------------------------|-----|--------------------------|
| E  | EXISTING TO REMAIN       | WAP | WIRELESS ACCESS POINT    |
| ER | EXISTING TO BE REMOVED   | MC  | MASTER CLOCK             |
| R  | EXISTING TO BE RELOCATED | LCD | LCD SCREEN LOCATION      |
| F  | FUTURE (N.I.C.)          | C   | CCTV SURVEILLANCE CAMERA |
| PP | PAY PHONE                | SC  | SECURITY CAMERA          |
| FD | FIBRE TO DESK            | RB  | ROOM BOOKING DEVICE      |
| BP | BLANK PLATE              | AF  | ABOVE FINISHED FLOOR     |

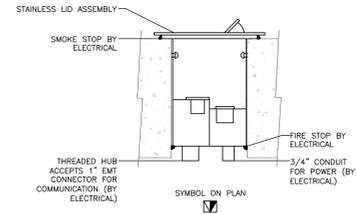
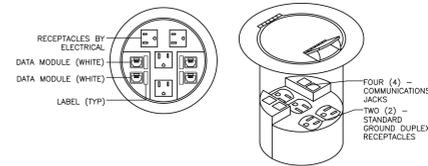
**COMMUNICATIONS LEGEND**

|        |   |
|--------|---|
| ▽      | WALL MOUNTED DATA AND/OR VOICE OUTLETS, COMMUNICATIONS CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | WALL MOUNTED DATA OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | WALL MOUNTED VOICE OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | WALL MOUNTED AUDIO VISUAL CONNECTION, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | FLOOR MOUNTED DATA AND/OR VOICE OUTLETS, COMMUNICATIONS CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | FLOOR MOUNTED DATA OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | FLOOR MOUNTED VOICE OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | FURNITURE MOUNTED DATA AND/OR VOICE OUTLETS, COMMUNICATIONS CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | FURNITURE MOUNTED DATA OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | FURNITURE MOUNTED VOICE OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | WIREMOLD MOUNTED DATA AND/OR VOICE OUTLETS, COMMUNICATIONS CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | CEILING MOUNTED DATA OUTLET(S), CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | CEILING MOUNTED DATA OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | CEILING MOUNTED VOICE OUTLET, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.  |
| ▽      | CEILING MOUNTED AUDIO VISUAL CONNECTION, COMMUNICATION CABLE TYPE AS PER SPECIFICATION.   |
| ▽      | 4-PAIR HORIZONTAL COPPER DATA CABLE FOR SECURITY CAMERA CABLING.  |
| D-XXX  | 4-PAIR HORIZONTAL COPPER DATA CABLE LABELING SCHEME SHOWN IS GENERIC. VERIFY EXACT LABELING SCHEME WITH CLIENT PRIOR TO INSTALLATION.                             |
| V-XXX  | 4-PAIR HORIZONTAL COPPER VOICE CABLE LABELING SCHEME SHOWN IS GENERIC. VERIFY EXACT LABELING SCHEME WITH CLIENT PRIOR TO INSTALLATION.                            |
| W-XXX  | 25-PAIR HORIZONTAL COPPER DATA CABLE FOR WIRELESS ACCESS POINTS LABELING SCHEME SHOWN IS GENERIC. VERIFY EXACT LABELING SCHEME WITH CLIENT PRIOR TO INSTALLATION. |
| AV-XXX | 4-PAIR HORIZONTAL COPPER DATA CABLE FOR AUDIO/VISUAL LABELING SCHEME SHOWN IS GENERIC. VERIFY EXACT LABELING SCHEME WITH CLIENT PRIOR TO INSTALLATION.            |
| S-XXX  | 25-PAIR HORIZONTAL COPPER DATA CABLE FOR SECURITY LABELING SCHEME SHOWN IS GENERIC. VERIFY EXACT LABELING SCHEME WITH CLIENT PRIOR TO INSTALLATION.               |
| ▽      | COAXIAL CATV OUTLET   |
| ▽      | FEED POINT FOR COMMUNICATIONS CABLING, LETTER DENOTES FEED LOCATION: W = WALL, F = FLOOR, P = POLE, WM = WIREMOLD   |
| →      | CONDUIT FOR COMMUNICATIONS CABLING, SIZE AND QUANTITY AS NOTED, BY ELECTRICAL UNLESS OTHERWISE NOTED.   |
|        | CABLE TRAY FOR COMMUNICATIONS CABLING, SIZE AS NOTED, BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.  |
| —      | GRID POINT BOUNDARY   |
| ▨      | NOT IN CONTRACT   |

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

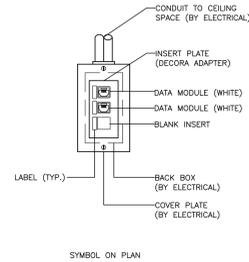
**GENERAL NOTES**

- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, HEIGHTS, PARTITION TYPES, CEILING TYPES, CONSTRUCTION DETAILING, MOUNTING DETAILS, FINISHES, AND COLOURS.
- WHILE EVERY ATTEMPT HAS BEEN MADE TO ENSURE ALL INFORMATION IS CORRECT AT THE TIME OF PUBLICATION, THE PRODUCTS SPECIFIED ARE AVAILABLE AND THAT THE PART NUMBER IDENTIFIED ARE CORRECT, IT IS THE RESPONSIBILITY OF THE COMMUNICATIONS CONTRACTOR TO VERIFY ALL PART NUMBERS AND TO REPORT ANY ERRORS AND/OR OMISSIONS IN THE DRAWINGS AND SPECIFICATIONS WITH THEIR BID SUBMISSION.
- ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.
- REVIEW ALL PROJECT RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL SECURITY AND AV DRAWINGS AND SPECIFICATIONS, DESIGN AND COORDINATE ALL OVERLAPPING WORK WITH COMMUNICATIONS SYSTEMS TO AVOID COLLISIONS AND CONFLICTS OF DEVICES.
- DEVICES SHALL NOT BE INSTALLED IN WALL AREAS THAT ARE DESIGNATED TO HAVE MARKER BOARD, FABRIC PANELS, OR ACCENT FINISHES/DETAIL UNLESS INDICATED SPECIFICALLY ON AN ELEVATED DRAWING.
- DEVICES SHALL NOT BE INSTALLED ABOVE ANY FURNITURE - AND SHALL BE LOCATED WHERE THERE IS ADEQUATE ACCESS FOR USE UNLESS INDICATED SPECIFICALLY ON AN ELEVATED DRAWING.
- REFORM THE ENGINEER'S REPRESENTATIVE AND GENERAL CONTRACTOR OF ALL DEVICE AND FURNITURE CONFLICTS PRIOR TO INSTALLATION, OBTAIN RESOLUTION TO DEVICE AND FURNITURE CONFLICTS FROM THE ENGINEER'S REPRESENTATIVE PRIOR TO INSTALLATION.



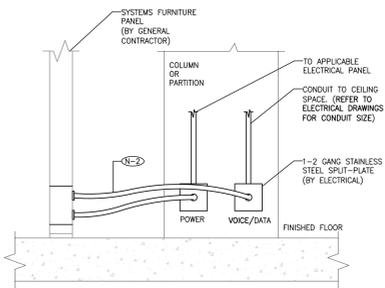
- NOTES:
- (N-1) THIS DRAWING IS FOR SCHEMATIC PURPOSE. QUANTITIES TO SUIT CABLING REQUIREMENTS AS PER DRAWING.
  - (N-2) COORDINATE SCHEDULING OF ALL WORK WITHIN CEILING SPACE BELOW WITH LANDLORD OR BUILDING OPERATIONS.
  - (N-3) PENETRATIONS OF FLOOR BY ELECTRICAL.

4) POKE-THROUGH DATA OUTLET  
SCALE: N.T.S.



- NOTES:
- (N-1) REFER TO COMMUNICATIONS CABLING LAYOUT FOR EXACT DATA OUTLET QUANTITIES.
  - (N-2) FOR COMMUNICATIONS CABLING, FACEPLATE, INSERT PLATES, JACKS, BLANK INSERT AND LABELING REFER TO COMMUNICATIONS SPECIFICATION.
  - (N-3) CONDUIT AND BACKBOX BY ELECTRICAL.
  - (N-4) ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS NOTED OTHERWISE.
  - (N-5) PROVIDE A 4 PORT FACEPLATE AT AREAS INDICATED ON THE FLOOR LAYOUT.

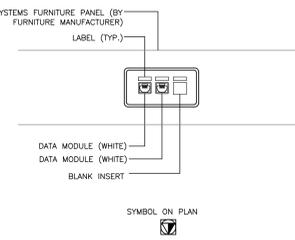
1) TYPICAL WALL MOUNTED COMMUNICATIONS OUTLET DETAIL  
SCALE: N.T.S.



SYMBOL ON PLANS

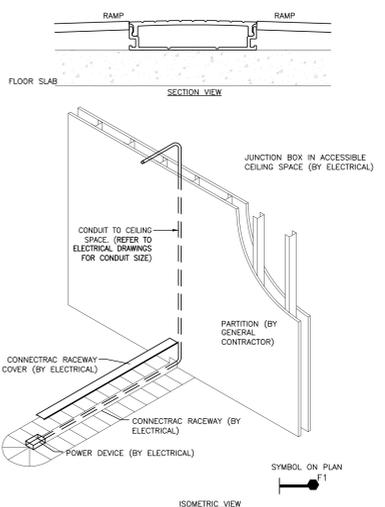
- NOTES:
- (N-1) CO-ORDINATE EXACT REQUIREMENTS WITH FURNITURE SUPPLIER AND INSTALLER PRIOR TO INSTALLATION.
  - (N-2) COMMUNICATIONS CONTRACTOR TO PROVIDE ALL COMMUNICATIONS CABLING AND COMPONENTS.

5) FURNITURE SYSTEM CONNECTION - WALL FEED  
SCALE: N.T.S.

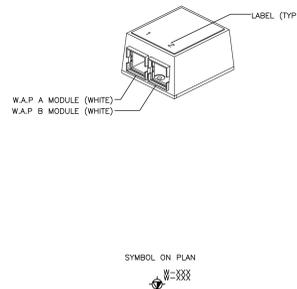


- NOTES:
- (N-1) REFER TO COMMUNICATIONS CABLING LAYOUT FOR EXACT DATA/VOICE OUTLET QUANTITIES.
  - (N-2) FOR COMMUNICATIONS CABLING, FACEPLATE, INSERT PLATES, JACKS, BLANK INSERT AND LABELING REFER TO COMMUNICATIONS SPECIFICATION.
  - (N-3) ALL ITEMS BY COMMUNICATIONS CONTRACTOR UNLESS NOTED OTHERWISE.

1) TYPICAL FURNITURE MOUNTED COMMUNICATIONS OUTLET DETAIL  
SCALE: N.T.S.



6) CONNECTRAC RACEWAY SYSTEM DETAIL FOR POWER AND COMMUNICATIONS  
SCALE: N.T.S.



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  - (N-2) COMMUNICATIONS CONTRACTOR TO PROVIDE 20 FOOT SERVICE LOOP
  - (N-3) COMMUNICATIONS CONTRACTOR TO INSTALL CLIENT SUPPLIED WIRELESS ACCESS POINTS.

2) WIRELESS ACCESS POINT 2-PORT MDVO SIDE ENTRY TERMINATION BOX DETAIL  
SCALE: N.T.S.

**STAMP:**

**CONSULTANT:**



Smith + Andersen  
1100 - 100 Sheppard Ave. East, Toronto, ON, M2N 6K9  
416 467 8101 T 416 467 8104 smithanderson.com

**Notes:**

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TORONTO ONTARIO, M1C1A4

PROJECT #:  
**03118.009**

PROJECT TITLE:  
**LIBRARY / IITS INTERIOR RENOVATION - ARC BUILDING PHASE I**

LIBRARY / IITS, 1265 MILITARY TRAIL

DRAWN BY: **JB** CHECKED BY: **TS**

DRAWING TITLE:  
**DRAWING LIST, LEGEND, ABBREVIATIONS & DETAILS**

DATE:  
**2021-04-20**

SCALE:  
**1 : 160**

DRAWING No.:

**TC-0.1**



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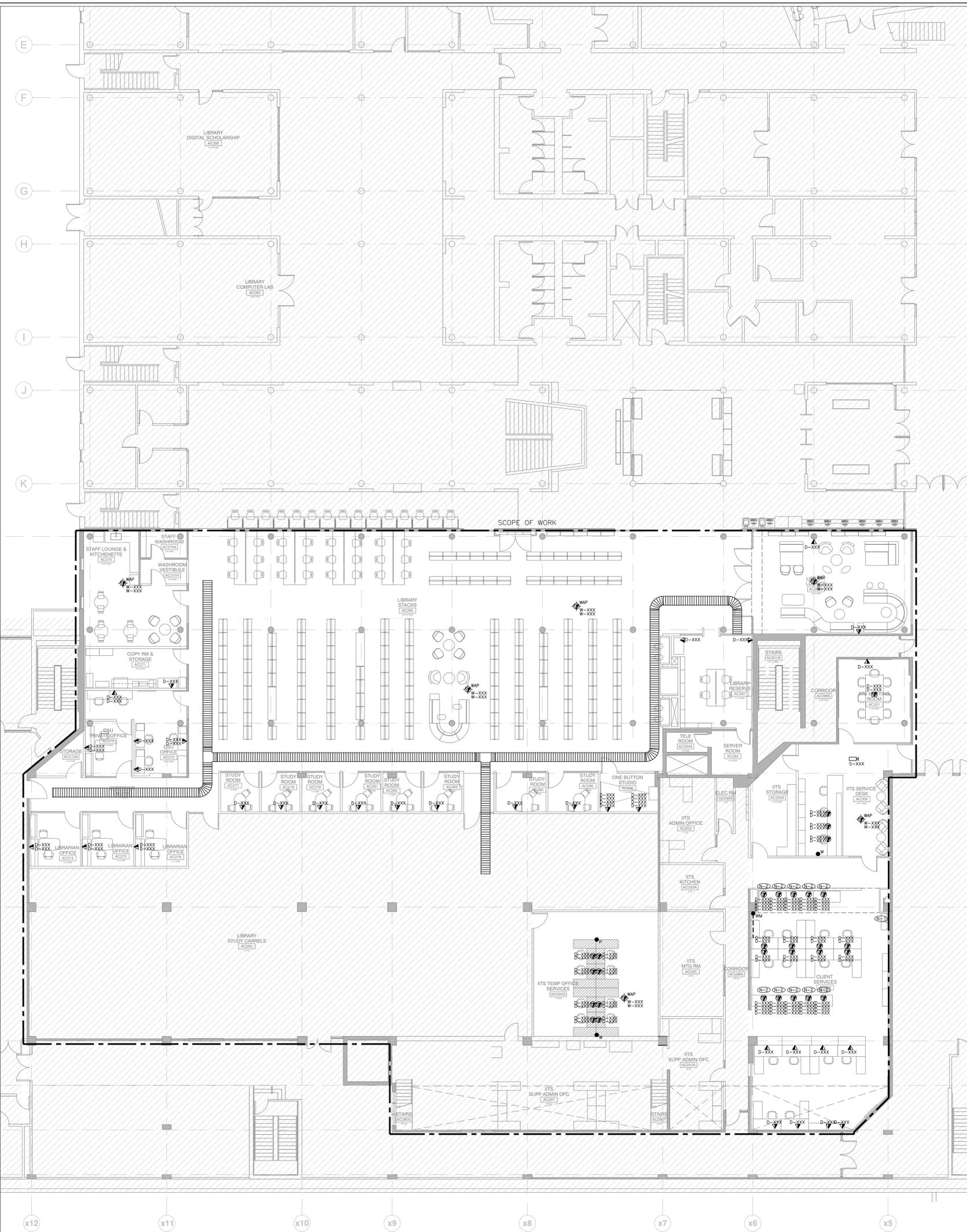
**DRAWING NOTES:**

-  LOCATION OF VERTICAL WALL MOUNTED RACK FOR LOCAL WORKBENCH CABLING.
-  NOTED CABLES ARE TO TERMINATE IN LOCAL WALL MOUNTED RACK.

**PROJECT CONTACT**

NAME: TONY SANTAGUIDA  
TEL: 647-943-0263  
EMAIL: tony.santaguida@smithandandersen.com

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PROJECT #:

03118.009  
LIBRARY / ITS INTERIOR RENOVATION - ARC BUILDING PHASE I

DRAWN BY:

JB TS

CHECKED BY:

PHASE I & II - 2ND FLOOR COMMUNICATIONS LAYOUT

DATE:

2021-04-20

DRAWING No:

TC-2.0

SCALE:

1 : 100



