

# Addendum

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TO: Bidders  
FROM: Little Diversified Architectural Consulting  
615 South College Street, Suite 1600  
Charlotte, North Carolina 28202  
TODAY'S DATE: 04/03/2020  
PROJECT: UNCC-SGO Renovations  
Student Government Office, STE 200  
UNC Charlotte – POPP Martin Student Union  
9201 University City Boulevard  
Charlotte, North Carolina 28223  
PROJECT NO: Little Job Number: 113-10010-00  
ADDENDUM NO: 001

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## Addendum:

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The attention of the contractor(s) is called to the following clarifications, additions and changes in plans and specifications regarding the project referenced above. It shall be the responsibility of the contractor(s) to include these clarifications, additions and changes to the Procurement Documents dated 03.23.2020.

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## Addendum: Clarification Items

### General:

1. The Pre-Bid Meeting Video recorded on 04/01/2020 is available to view via the following link:  
<https://playback.lifesize.com/#!/publicvideo/60ebb572-8854-4e4b-a178-c812bcc42b2d?vcpubtoken=9139701e-d620-4504-bac4-407333fbdca8>
2. A Zip File containing the SGO Walk Through Videos is attached in their entirety.
3. For convenience the following forms are attached in their entirety:
  - a. 04/01/2020 Pre-Bid Meeting Minutes
  - b. UNC Charlotte "Good Faith Effort" Requirements
  - c. 00 22 30 Form of Proposal
  - d. 00 22 31 MB Participation Forms
  - e. 00 22 32 Bid Bond

**Project Manual:**

1. Delete Section SCO “Notice to Bidders” and replace with Section dated 04/03/2020 attached in its entirety.
2. Delete Section 08 71 00a “Door Hardware Sets” and replace with Section dated 04/03/2020 attached in its entirety.

**Drawings:**

Replace the following Drawing Sheets with revised dated April 03, 2020, attached in their entirety:

1. A111 PARTITION TYPES AND FLOOR PLAN – LEVEL 02
2. A121 REFLECTED CEILING PLAN LEVEL 02
3. A131 FINISH FLOOR PLAN
4. A900 DOOR SCHEDULE, DOOR TYPES AND FRAME TYPES
5. E003 ELECTRICAL SCHEDULES AND DETAILS
6. E111 LEVEL 2 FLOOR PLAN – POWER AND SPECIAL SYSTEMS
7. G001 GENERAL INFORMATION AND SHEET INDEX
8. G111 LIFE SAFETY PLAN – LEVEL 02

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END OF ADDENDUM

# Meeting Minutes

<b>Project Name:</b>	UNC Charlotte – SGO Renovations	<b>Location:</b>	Via Lifesize Video Conf.
<b>Project No:</b>	113-11000-00	<b>Date:</b>	April 1, 2020
<b>Issue Date:</b>	April 3, 2020	<b>Time:</b>	1PM
<b>Author:</b>	Crystal Howard		

## Attendees:

David McConnell – Barnhill ([dmcconell@barnhillcontracting.com](mailto:dmcconell@barnhillcontracting.com))  
David McDaniel – Digitrol, Inc. ([david.mcdaniel@digitrolinc.com](mailto:david.mcdaniel@digitrolinc.com))  
Kwesi Nichols – Nichols Builders ([support@nicholscustombuildersanddesign.com](mailto:support@nicholscustombuildersanddesign.com))  
Jason Mitchell – I. L. Long Construction ([jmitchell@illong.com](mailto:jmitchell@illong.com))  
Trip McCrimmon – Liles Construction ([tmccrimmon@lilesconstruction.com](mailto:tmccrimmon@lilesconstruction.com))  
Chris Spicer – Hendrick construction ([cspicer@hendricconstruction.com](mailto:cspicer@hendricconstruction.com))  
Curtis Wise – Liles Construction ([cwise@lilesconstruction.com](mailto:cwise@lilesconstruction.com))  
Hugo Avila – Liles Construction ([havila@lilesconstruction.com](mailto:havila@lilesconstruction.com))  
Harrison Agbozo – Walter B. Davis Co. ([hagbozo@wbdavisco.com](mailto:hagbozo@wbdavisco.com))  
Tim Marsh – Shiel Sexton ([tmars@shiels Sexton.com](mailto:tmars@shiels Sexton.com))  
Pat McCoy – Encompass Building Group ([patm@encompassbuilding.com](mailto:patm@encompassbuilding.com))  
Brian Meachum – Momentum Construction ([bmeachum@mvmomentum.com](mailto:bmeachum@mvmomentum.com))  
Deanna Hatterbach – Catalyst Construction ([deanna@catalystcci.com](mailto:deanna@catalystcci.com))  
Mike Hill – Edison Foard ([mhill@edisonfoard.com](mailto:mhill@edisonfoard.com))  
Mark Fasser – Heartland Contracting ([mfasser@heartlandnc.com](mailto:mfasser@heartlandnc.com))  
Ben Stickney – Elford ([bstickney@elford.com](mailto:bstickney@elford.com))  
Brian Roddey – Digitrol Inc. ([brian.roddey@digitrolinc.com](mailto:brian.roddey@digitrolinc.com))  
Don Steen – Elford ([dsteen@elford.com](mailto:dsteen@elford.com))  
Brandon Beaver – PSI ([bbeaver@placeservicesinc.com](mailto:bbeaver@placeservicesinc.com))  
Wesley Carlton – Edison Foard ([wcarlton@edisonfoard.com](mailto:wcarlton@edisonfoard.com))  
Justin Nicholson – Carolina CI ([jnicholson@carolinaci.com](mailto:jnicholson@carolinaci.com))  
Lewis Herman – Wilkie Construction ([lewis@wilkie-const.com](mailto:lewis@wilkie-const.com))  
Chris Hoover – WC Construction ([chrish@wc.constructionco.com](mailto:chrish@wc.constructionco.com))  
Amanda Caudle – UNCC ([aeflock@uncc.edu](mailto:aeflock@uncc.edu))  
John Neilson – UNCC ([jneilson@uncc.edu](mailto:jneilson@uncc.edu))  
Jeanine Bachtel – UNCC ([jbachtel@uncc.edu](mailto:jbachtel@uncc.edu))  
Lisa Lanier – UNCC ([llanier@uncc.edu](mailto:llanier@uncc.edu))  
Karen Shaffer – UNCC ([karenschaffer@uncc.edu](mailto:karenschaffer@uncc.edu))  
Morgan Meehan – UNCC ([morgan.meehan@uncc.edu](mailto:morgan.meehan@uncc.edu))  
Josh Brown – UNCC ([jbrow450@uncc.edu](mailto:jbrow450@uncc.edu))  
Adam Burdon – UNCC ([adamburden@uncc.edu](mailto:adamburden@uncc.edu))  
Mindy Sides-Walsh – UNCC ([mswalsh@uncc.edu](mailto:mswalsh@uncc.edu))  
Dorothy Vick – UNCC ([dvick@uncc.edu](mailto:dvick@uncc.edu))  
Bronald Johnson – Little ([bronald.johnson@littleonline.com](mailto:bronald.johnson@littleonline.com))  
Crystal Howard – Little ([crystal.howard@littleonline.com](mailto:crystal.howard@littleonline.com))

Little Diversified Architectural Consulting | 615 South College Street, Suite 1600, Charlotte, NC 28202 | 704.525.6350

Shannon Rydell – Little ([Shannon.rydell@littleonline.com](mailto:Shannon.rydell@littleonline.com))

Meeting Minutes:

1. Introduction: Design Team/Owner
2. Project Overview: Design Team/Owner  
An interior renovation of approximately 9,400 sf space at the Student Union Building of the University of North Carolina at Charlotte campus. The work includes demolition, new partitions, ceilings, flooring, etc. and associated mechanical, electrical and plumbing.
3. Bid Opening: **Tuesday, April 21, 2020 - Bids should be delivered no later than 1:30 PM.**
4. Bid Procedures: **NOTE: BID SUBMITTAL PROCEDURES DURING COVID-19 CRISIS**

All bids shall be addressed to Kathy Fisher (704-687-0596), Facilities Operations & Parking Services Building, 9643 Poplar Lane, Charlotte, NC 28223.

All hand delivered bids shall be dropped in the white Drop Box located next to the Motor Fleet parking spaces (<https://goo.gl/maps/KGphwNRyaFCBFxtj8>) in Lot 25 (second left entrance on Poplar Lane) in front of the Facilities Operations & Parking Services Building #92 on the campus map (<http://facilities.uncc.edu/maps>).

Bidders may also submit bids via USPS/UPS/FEDEX. It is the bidder's responsibility to ensure that the bid arrives before the bid closing time of 1:30 PM. Bidders shall sign across the sealed flap on the envelope to ensure no tampering prior to the bid opening.

Bidders may join the bid opening by video conference at the following link:

<https://call.lifesizecloud.com/1641566>

Access to the video conference will begin at 2:00 PM and it is the responsibility of the bidder to access the video conference. In-person attendance at bid opening will be limited to one Contractor firm representatives and two UNC Charlotte Facilities representatives.

5. Bid Location: **Bids will be publicly opened and read at 2:00 p.m.** in Room 123A of the Facilities Management & Parking Services Building - 9643 Poplar Lane, Charlotte, NC 28223.
6. Bid Forms: Form of Proposal – form in Project Manual

Alternates

1. Door Side Lites and Transoms
2. Acoustic Ceiling in Breakroom 210A
3. New Sink in Break/Work Room 216
4. Door Hardware – Owner Preferred Alternate
  - a. Locks and Cylinders – Schlage
  - b. Exit Devices – Von Duprin
  - c. Door Closers – LCN
5. Vinyl Wall Covering in Resource 210 on Bulkhead and Vinyl Film on Demountables
6. CWT Backsplash in Break/Work Room 216

Bid Bond – form in Project Manual

The bidder shall include with the bid proposal the form Identification of Minority Business Participation identifying the minority business participation it will use on the project and shall include either Affidavit A or Affidavit B as applicable. Forms and instructions are

included within the Proposal Form in the bid documents. Failure to complete these forms is grounds for rejection of the bid.

7. **Schedule:** Time of Completion – 154 consecutive calendar days from Notice to Proceed. Successful bidder should be prepared to submit contract documentation within 5 business days of bid date.
8. **Liquid. Damages:** \$100 per calendar day.
9. **Addenda:** There have been no addenda issued to date. Addendum #1 will be issued following this pre-bid conference. Addendum #1 will include the minutes of the pre-bid meeting, which will become a part of the Contract Documents. Final addendum will be issued Tuesday, April 14, 2020. It is the Contractor's responsibility to verify they have received all addenda.
10. **Questions:** Bidders' questions will be entertained in writing until 5:00 pm on Wednesday, April 8, 2020. Address all questions to the designer, Little Diversified Architectural Consulting, Inc. – Shannon Rydell – [shannon.rydell@littleonline.com](mailto:shannon.rydell@littleonline.com) and Crystal Howard – [choward@littleonline.com](mailto:choward@littleonline.com)
11. **Substitutions:** All bidders are hereby advised that written requests for substitutions must be made ten **(10)** days prior to the bid date. Note that the burden of proof that a product meets/exceeds the specified products is the responsibility of the individual making the request. Individuals making a request should submit a line by line comparison of their product to the specified item. Submitting product literature is not sufficient.
12. **Bonds:** The successful bidder, upon award of Contract, shall furnish a performance and payment bond.
13. **Building Permit:** The Contractor is required to obtain the necessary building permits. This project will go through the State Construction Office.

**Questions:**

1. Please clarify types of permits? Response: Only building permit is needed.
2. Does distinction as a Better Business count towards DBE or MWBE? Response: No.
3. Can contractors conduct walk throughs of the space? Response: No. Specific questions can be made through the Architect and pictures can be emailed.
4. Will the bid form be issued separately from the project manual? Response: Yes. It will be issued with Addendum 1.
5. Will a list of attendees to this meeting be provided? Yes. It will be included as part of the Pre-Bid Meeting Minutes that will be issued April 3, 2020.

**UNC Charlotte**  
**“Good Faith Effort” Requirements**  
**(Student Government Office Renovations)**

This information is provided as a guide for firms who may be new to UNC Charlotte and may not be familiar with our expectations regarding minority business participation on University Managed Projects (UMP) projects. Bidders should be familiar with the ***Guidelines for Recruitment & Selection of Minority Businesses for Participation in University of North Carolina Construction Contracts***

The minority participation goal for this project is ten percent (10%).

**Identification of HUB Certified/Minority Business Participation form** – Only list minority firms that you will use as construction subcontractors, vendors, suppliers or professional service providers on this project. The bidder cannot list himself on this form as he cannot subcontract to himself. **Note:** This form should be submitted with your bid, even if left blank.

**Affidavit A – Listing of Good Faith Efforts** – the bidder is certifying that he has made a good faith effort to comply under those areas checked on the form. Do not check a Good Faith Effort item unless you can provide the following:

1. Contacting minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor or available on State or local government-maintained lists **at least 10 days before the bid or proposal date** and notifying them of the nature and scope of the work to be performed.  
**Example:** Copies of written (emailed or faxed) notification to minority businesses and copies of quotes/proposals received for work solicited to minority businesses. Notification should include, at a minimum, project location, location where plans and specifications may be obtained or viewed, trade or scopes of work for which subcontracts are being solicited, contact person within the prime contractor organization.

***Be sure to maintain a telephone log to confirm that minority firms received your Invitation for Bid (IFB).*** The log should contain the date contacted, telephone number, and name of the individual representing the minority firm who acknowledged receipt of your IFB. ***Also maintain a telephone log to confirm that minority firms acknowledged a “bid/no bid” to your IFB.*** The log should contain the date contacted, telephone number, and name of the individual representing the minority firm who acknowledged “bid/no bid” to your IFB.

2. Making the construction plans, specifications and requirements available for review by prospective minority businesses, or providing these documents to them at least 10 days before the bid or proposals are due.  
Copies of written (emailed or faxed) notification to minority businesses should include, at a minimum, project location, location where plans and specifications may be obtained or viewed, trade or scopes of work for which subcontracts are being solicited, contact person within the prime contractor organization.
3. Breaking down or combining elements of work into economically feasible units to facilitate minority participation.  
Document steps taken to segment elements of work into economically feasible units to meet minority business availability. Identify sub-contractors/suppliers/consultants and scope of work involved in segmenting.

Be sure that you are soliciting quotes from **at least** three (3) minority firms in scopes of work that typically have adequate numbers of minority firms available that can perform the work required (hauling, concrete, flooring, masonry, painting, electrical suppliers, etc.). Do not solicit quotes from minority firms in those scopes of work that typically do not have minority firms available that can perform the work

required (elevators, fire suppression systems, roofing, etc.). If there are minority firms that you typically use on your projects then by all means, feel free to use them, if you are sure you are receiving reasonable pricing and quality work.

4. Working with minority trade, community or contractor organization identified by the Office for Historically Underutilized Businesses (HUB) and included in the bid documents that provide assistance in the recruitment of minority businesses. **Note 1:** Posting of your bid to Minority plan rooms does not satisfy this requirement. **Note 2:** Working with the UNC Charlotte HUB Coordinator does not satisfy this requirement.

Provide a copy of meeting minutes between prime contractor and minority trade, community or contractor organization. At minimum the following topics should be discussed/reviewed during the meeting: project location; location where plans and specifications may be obtained or viewed; trade or scopes of work for which subcontracts are being solicited; bonding requirements; insurance requirements; prime contractor's contact person; minority trade, community or contractor organization contact person; strategies to segment elements of the work into economically feasible units to meet minority business availability; strategies to increase minority business utilization through joint ventures and/or partnerships; notification that the meeting will be counted toward the contractor's good faith effort.

Maintain a copy of the request, and have the date, telephone number and name of the individual who acknowledged receipt of your request and information regarding any/all assistance provided by the organization

5. Attending any pre-bid meetings scheduled by the public owner.  
Attendance will be verified by pre-bid meeting sign-in sheet.
6. Providing assistance to obtain required bonding or insurance or providing alternatives to bonding or insurance for subcontractors.  
Have documentation describing the type of assistance provided or offered to minority businesses. Provide names and contacts of minority businesses to which assistance was offered and names of the contact person of bonding companies or financial institutions offering assistance.  
**Be sure to mention that 'assistance with bonding and/or insurance will be provided'** in your IFB.
7. Negotiating in good faith with interested minority businesses and not rejecting them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.  
Document number of bids received from minority businesses in the trade or scopes of work for which subcontracts are being solicited, the number of minority businesses that submitted low bids or proposals, the number of minority businesses the bidder has offered to negotiate prices or services, and the number of minority businesses the bidder has agreed to utilize on the project, outline steps taken.
8. Providing assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required or assisting minority businesses in obtaining the same unit pricing with the bidder's supplier.  
Document names, addresses and telephone numbers of minority businesses to which assistance was offered, outline steps taken. Give dates assistance was offered and document outcome.  
**Be sure to mention that 'assistance with equipment, loan capital, lines of credit or joint pay agreements to secure loans, supplies, or letters of credit will be provided'** in your IFB.
9. Negotiating joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.

Provide a copy of joint venture or partnership arrangements between bidder and minority businesses.

10. Providing quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.

**Be sure to mention that 'quick pay agreements will be provided to assist contractors with cash-flow demands' in your IFB.** Do not include stipulations that require the contractor to prove they need the quick pay.

Provide a copy of quick pay agreements and/or policies and document the number of minority businesses that will utilize the quick pay agreement. Provide a copy of the quick pay agreement between bidder and minority businesses.

Net 30 or 45 is not quick pay.

**Quick Pay will be paid whether or not the General Contractor has been paid or the Owner has approved the minority subcontractor's work.**

**Note: Referencing the Good Faith Efforts listed above in your IFB is not enough. You must be able to document your efforts.**

**Affidavit B – Intent to Perform Contract with Own Workforce** – In making this certification the bidder is stating that he does not customarily subcontract elements of this type project and normally performs and has the capability to perform and will perform all elements of the work on this project with his own current workforce. The bidder agrees to make a Good Faith Effort to utilize minority suppliers where possible. **“Self-performing”** means the contractor has all equipment, personnel and supplies on hand to perform the contract. If the contractor needs to purchase supplies or rent equipment and operators to perform the work, then the contractor **is not** self-performing and should make efforts to purchase supplies or equipment, or temporary labor from minority firms. **Note:** No other Affidavits are required if the Bidder meets this criteria.

**Affidavit C – Portion of the Work to be Performed by HUB Certified/Minority Businesses** – This form is to be submitted only by the apparent lowest responsible, responsive bidder with equal to or greater than 10% minority participation.

**Affidavit D – Good Faith Efforts** – This form is to be submitted only by the apparent lowest responsible, responsive bidder with less than 10% minority participation along with their backup documentation.

**Minority-owned Pre-qualified Bidders** – **must also** meet the minority participation goals set for the project. Work performed by the minority-owned pre-qualified bidder will be counted towards the minority participation goal **only if** the minority contractor is **self-performing** and submitted Affidavit B.

**Certification Requirements** – Ensure the minority firms you contact for subcontracting opportunities are listed in the Statewide Uniform Certification (SWUC) Vendor database as **only firms** listed in the SWUC Vendor database, at the time of contract award, **will be counted** towards the minority participation goal for this project. Go to <https://www.ips.state.nc.us/Vendor/searchvendor.aspx?t=h> for access to the SWUC Vendor database.

#### **Assistance:**

Email the UNC Charlotte HUB Coordinator, Dorothy Vick (704-687-0527), **no later than 5:00 PM Thursday, April 9, 2020** to [dlvick@uncc.edu](mailto:dlvick@uncc.edu) (**Email Subject: Student Government Office Renovations**) for the following;

1. **Assistance in finding certified minority firms who have worked on UNC Charlotte projects and who can perform the scopes of work (site work, concrete, electrical, etc.) you are seeking, and/or**
2. **A list of minority trade, community or contractor organizations** identified by the Office for Historically Underutilized Businesses that provide assistance in the recruitment of minority businesses.

## NOTICE TO BIDDERS

Sealed proposals will be received by The University of North Carolina at Charlotte, at 9201 University Boulevard, Charlotte, NC 28223, until **1:30 p.m. on Tuesday, April 21, 2020.**

### **NOTE: BID SUBMITTAL PROCEDURES DURING COVID-19 CRISIS**

All hand delivered bids shall be dropped in the white Drop Box located next to the Motor Fleet parking spaces (<https://goo.gl/maps/KGphwNRyaFCBFxtj8>) in Lot 25 (second left entrance on Poplar Lane) in front of the Facilities Operations & Parking Services building (#92 on the campus map – <http://facilities.uncc.edu/maps>).

Bidders may also submit bids via USPS/UPS/FEDEX sent to the attention of Kathy Fisher, Facilities Operations & Parking Services building no. 92, 9643 Poplar Lane, Charlotte, NC 28223. It is the bidder's responsibility to ensure that the bid arrives before the bid closing time of 1:30 PM. Bidders shall sign across the sealed flap on the envelope to ensure no tampering prior to the bid opening.

Access to the video conference will begin at 2:00 PM and it is the responsibility of the bidder to access the video conference. In-person attendance at bid opening will be limited to one Contractor firm representatives and two UNC Charlotte Facilities representatives.

Bids will be publicly opened and read at 2:00 p.m. in Room 123A of the Facilities Management & Parking Services building no. 92 located at 9643 Poplar Lane, Charlotte, NC 28223 for the furnishing of labor, material and equipment entering into the construction of:

### **Student Government Office Renovations The University of North Carolina at Charlotte SCO Project Number 18-18336-01A**

An interior renovation of approximately 9,400 sf space at the Student Union Building of the University of North Carolina at Charlotte campus. The Work includes demolition, new ceilings, flooring, light fixtures, partitions, and MEP.

Bids will be received for Single Prime Contract only. All proposals shall be lump sum.

### **Pre-Bid Meeting during COVID-19 Crisis**

A non-mandatory Pre-bid meeting will be held for all interested bidders on Wednesday, April 1, at 2:00 p.m. via a Lifesize video conference hosted by Little Diversified Architectural Consulting, Inc. The meeting will address project specific questions, issues, bidding procedures, and bid forms. Unfortunately, we will not be able to perform a site visit. Should teams need any information, we can supply images.

If you intend to attend the pre-bid, please email Crystal Howard, Little Diversified Architectural Consulting, [crystal.howard@littleonline.com](mailto:crystal.howard@littleonline.com). Office phone (704) 561-3453 or Mobile phone (704) 562-6323, by 5:00 p.m. Tuesday, March 31, 2020 with the following information –

April 3, 2020  
Addendum No. 1

Contact name:  
Name of company:  
Telephone number:  
Email address:

We will send out an invitation with the link to join the a Lifesize virtual pre-bid meeting by 10:00 a.m. Wednesday, April 1, 2020 for the pre-bid meeting scheduled for 2:00 p.m.

Pre-bid meeting will be recorded and available to the public immediately after the event. A link will be posted to the Facilities Management website –

<http://facilities.uncc.edu/advertisements>.

The meeting is also to identify preferred brand alternates and their performance standards that the owner will consider for approval on this project.

In accordance with General Statute GS133-3, specifications may list one or more preferred brands as an alternate to the base bid in limited circumstances. Specifications containing a preferred brand alternate under this section must identify the performance standards that support the preference. Performance standards for the preference must be approved in advance by the owner in an open meeting. Any alternate approved by the owner shall be approved where (i) the preferred alternate will provide cost savings, maintain or improve the functioning of any process or system affected by the preferred item or items, or both, and (ii) a justification identifying these criteria is made available in writing to the public.

In accordance with GS133-3 and SCO procedures the following preferred brand items are being considered as Alternates by the owner for this project:

- A. **Alternate No. 4:** Owner preferred alternate: Provide owner preferred campus standard hardware alternate as specified in Section 08 71 00 "Door Hardware" and as follows:
1. Locks and Cylinders: Schlage.
  2. Exit Devices: Von Duprin.
  3. Door Closers: LCN.

Justification of any approvals will be made available to the public in writing no later than seven (7) days prior to bid date.

Bidders' questions will be entertained in writing until 5:00 pm on Wednesday, April 8, 2020. Address all questions to the designer, Little Diversified Architectural Consulting, Inc. – Shannon Rydell – [shannon.rydell@littleonline.com](mailto:shannon.rydell@littleonline.com).

Final addendum will be issued Tuesday, April 14, 2020.

Complete plans, specifications and contract documents may be obtained at the offices of Little Diversified Architectural Consulting, 615 South College Street, Suite 1600, Charlotte, North Carolina 28202, Phone: (704) 525-6350; Attention: Crystal Howard, upon deposit of One Hundred dollars (\$100.00) in cash or certified check. The full plan deposit will be returned to those bidders provided all documents are returned in good, usable condition within ten (10) days after the bid date.

Electronic plans, specifications and contract documents are available at the following:

1. Construct Connect at [content@constructconnect.com](mailto:content@constructconnect.com), (800) 364-2059; representing Associated General Contractors (AGC) Carolinas Branch, Eastern Regional Office of Reed Construction Data in Norcross, GA, and Hispanic Contractors Association of the Carolinas (HCAC).
2. North Carolina Offices of Dodge Data & Analytics (formerly McGraw-Hill Construction) – Customer Service – <http://dodgeprojects.construction.com>, (800) 393-6343
3. Metrolina Minority Contractors Association (MMCA) – [mmca@mmcaofcharlotte.org](mailto:mmca@mmcaofcharlotte.org), (877) 526-6205

**NOTE:** The bidder shall include with the bid proposal the form *Identification of Minority Business Participation* identifying the minority business participation it will use on the project and shall include either *Affidavit A* or *Affidavit B* as applicable. Forms and instructions are included within the Proposal Form in the bid documents. Failure to complete these forms is grounds for rejection of the bid. (GS143-128.2c Effective 1/1/2002.)

All contractors are hereby notified that they must have proper license as required under the state laws governing their respective trades.

General contractors are notified that Chapter 87, Article 1, General Statutes of North Carolina, will be observed in receiving and awarding general contracts. General contractors submitting bids on this project must have license classification for Unlimited General Contractor (set forth the license classification required by the NC General Contractors Licensing Board under G.S.87.1).

**NOTE--SINGLE PRIME CONTRACTS:** Under GS 87-1, a contractor that superintends or manages construction of any building, highway, public utility, grading, structure or improvement shall be deemed a “general contractor” and shall be so licensed. Therefore, a single prime project that involves other trades will require the single prime contractor to hold a proper General Contractors license.

**EXCEPT:** On public buildings being bid single prime, where the total value of the general construction does not exceed 25% of the total construction value, contractors under GS87- Arts 2 and 4 (Plumbing, Mechanical & Electrical) may bid and contract directly with the Owner as the SINGLE PRIME CONTRACTOR and may subcontract to other properly licensed trades. GS87-1.1- Rules .0210

Each proposal shall be accompanied by a cash deposit or a certified check drawn on some bank or trust company, insured by the Federal Deposit Insurance Corporation, of an amount equal to not less than five percent (5%) of the proposal, or in lieu thereof a bidder may offer a bid bond of five percent (5%) of the bid executed by a surety company licensed under the laws of North Carolina to execute the contract in accordance with the bid bond. Said deposit shall be retained by the owner as liquidated damages in event of failure of the successful bidder to execute the contract within ten days after the award or to give satisfactory surety as required by law.

A performance bond and a payment bond will be required for one hundred percent (100%) of the contract price.

Payment will be made based on ninety-five percent (95%) of monthly estimates and final payment made upon completion and acceptance of work.

April 3, 2020  
Addendum No. 1

No bid may be withdrawn after the scheduled closing time for the receipt of bids for a period of 60 days.

The owner reserves the right to reject any or all bids and to waive informalities.

Please note that any bid delivered to UNC Charlotte Facilities Management – Facilities Operations must be received no later than 1:30 p.m. on bid day at the location noted below.

**Mailed Proposals:**

Attn: Ms. Kathy Fisher – Facilities Operations  
The University of North Carolina at Charlotte  
Facilities Management – Facilities Operations  
9201 University City Boulevard  
Charlotte, NC 28223-0001

Or

**Hand Delivered: SEE BID SUBMITTAL PROCEDURES DURING COVID-19 CRISIS on page 1.**

**Envelope should be marked “sealed bid included” and addressed as follows:**

Attn: Ms. Kathy Fisher – Facilities Operations  
Facilities Operations & Parking Services building  
9643 Poplar Lane  
Charlotte, NC 28223

**NOTE BID OPENING:** Not more than one (1) representative per company will be allowed to attend.

Designer:  
Little Diversified Architectural Consulting, Inc.  
615 S. College Street, Suite 1600  
Charlotte, North Carolina 28202  
(704) 525-6350

Owner:  
UNC Charlotte  
9201 University City Boulevard  
Charlotte, NC 28223-0001  
(704) 687-0615

# FORM OF PROPOSAL

Popp Martin Student Union, Student Government

Office Renovations

Universite of NC at Charlotte

SCO #18-18336-01A

Contract: \_\_\_\_\_

Bidder: \_\_\_\_\_

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

The undersigned, as bidder, hereby declares that the only person or persons interested in this proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into; that this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud. The bidder further declares that he has examined the site of the work and the contract documents relative thereto, and has read all special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed. The bidder further declares that he and his subcontractors have fully complied with NCGS 64, Article 2 in regards to E-Verification as required by Section 2.(c) of Session Law 2013-418, codified as N.C. Gen. Stat. § 143-129(j).

The Bidder proposes and agrees if this proposal is accepted to contract with the State of North Carolina through the University of North Carolina at Charlotte in the form of contract specified below, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of the Student Government Office Renovations in full in complete accordance with the plans, specifications and contract documents, to the full and entire satisfaction of the State of North Carolina, and Little Diversified Architectural Consulting with a definite understanding that no money will be allowed for extra work except as set forth in the General Conditions and the contract documents, for the sum of:

## SINGLE PRIME CONTRACT:

Base Bid:

\_\_\_\_\_ Dollars(\$)

General Subcontractor:

\_\_\_\_\_ Lic \_\_\_\_\_

Plumbing Subcontractor:

\_\_\_\_\_ Lic \_\_\_\_\_

Mechanical Subcontractor:

\_\_\_\_\_ Lic \_\_\_\_\_

Electrical Subcontractor:

\_\_\_\_\_ Lic \_\_\_\_\_

GS143-128(d) requires all single prime bidders to identify their subcontractors for the above subdivisions of work. A contractor whose bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (i) if the listed subcontractor's bid is later determined by the contractor to be non-responsible or non-responsive or the listed subcontractor refuses to enter into a contract for the complete performance of the bid work, or (ii) with the approval of the awarding authority for good cause shown by the contractor.

## ALTERNATES:

Should any of the alternates as described in the contract documents be accepted, the amount written below shall be the amount to be "added to" or "deducted from" the base bid. (Strike out "Add" or "Deduct" as appropriate.)

## GENERAL CONTRACT:

Alternate No. 1 Door Side Lites and Transoms

(Add) (Deduct)		Dollars(\$)
<u>Alternate No. 2</u>	Acoustic Ceilings (APC2)	
(Add) (Deduct)		Dollars(\$)
<u>Alternate No. 3</u>	New Sink in Breakroom	
(Add) (Deduct)		Dollars(\$)
<u>Alternate No. 4</u>	Owner Preferred Campus Standard Hardware	
(Add) (Deduct)		Dollars(\$)
<u>Alternate No. 5</u>	Vinyl Wall Covering (VWC1 and VWC2)	
(Add) (Deduct)		Dollars(\$)
<u>Alternate No. 6</u>	CWT1 Backsplash in Break/Work Room 216	
(Add) (Deduct)		Dollars(\$)

The bidder further proposes and agrees hereby to commence work under this contract on a date to be specified in a written order of the designer and shall fully complete all work thereunder within the time specified in the Supplementary General Conditions Article 23. Applicable liquidated damages amount is also stated in the Supplementary General Conditions Article 23.

### **MINORITY BUSINESS PARTICIPATION REQUIREMENTS**

*Provide with the bid* - Under GS 143-128.2(c) the undersigned bidder shall identify **on its bid** (Identification of Minority Business Participation Form) the minority businesses that it will use on the project with the total dollar value of the bids that will be performed by the minority businesses. **Also** list the good faith efforts (Affidavit **A**) made to solicit minority participation in the bid effort.

**NOTE:** A contractor that performs all of the work with its own workforce may submit an Affidavit (**B**) to that effect in lieu of Affidavit (**A**) required above. The MB Participation Form must still be submitted even if there is zero participation.

*After the bid opening* - The Owner will consider all bids and alternates and determine the lowest responsible, responsive bidder. Upon notification of being the apparent low bidder, the bidder shall then file within 72 hours of the notification of being the apparent lowest bidder, the following:

An Affidavit (**C**) that includes a description of the portion of work to be executed by minority businesses, expressed as a percentage of the total contract price, which is equal to or more than the 10% goal established. This affidavit shall give rise to the presumption that the bidder has made the required good faith effort and Affidavit **D** is not necessary;

**\* OR \***

If less than the 10% goal, Affidavit (**D**) of its good faith effort to meet the goal shall be provided. The document must include evidence of all good faith efforts that were implemented, including any advertisements, solicitations and other specific actions demonstrating recruitment and selection of minority businesses for participation in the

**Note:** Bidders must always submit **with their bid** the Identification of Minority Business Participation Form listing all MB contractors, vendors and suppliers that will be used. If there is no MB participation, then enter none or zero on the form. Affidavit A or Affidavit B, as applicable, also must be submitted with the bid. Failure to file a required affidavit or documentation with the bid or after being notified apparent low bidder is grounds for rejection of the bid contract.

## **Proposal Signature Page**

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The undersigned further agrees that in the case of failure on his part to execute the said contract and the bonds within ten (10) consecutive calendar days after being given written notice of the award of contract, the certified check, cash or bid bond accompanying this bid shall be paid into the funds of the owner's account set aside for the project, as liquidated damages for such failure; otherwise the certified check, cash or bid bond accompanying this proposal shall be returned to the undersigned.

Respectfully submitted this day of \_\_\_\_\_

\_\_\_\_\_  
(Name of firm or corporation making bid)

WITNESS:

\_\_\_\_\_  
(Proprietorship or Partnership)

By: \_\_\_\_\_  
Signature

Name: \_\_\_\_\_  
Print or type

Title \_\_\_\_\_  
(Owner/Partner/Pres./V.Pres)

Address \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_

Title: \_\_\_\_\_  
(Corp. Sec. or Asst. Sec. only)

License No. \_\_\_\_\_

Federal I.D. No. \_\_\_\_\_

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

(CORPORATE SEAL)

Addendum received and used in computing bid:

Addendum No. 1 \_\_\_\_\_ Addendum No. 3 \_\_\_\_\_ Addendum No. 5 \_\_\_\_\_ Addendum No. 6 \_\_\_\_\_

Addendum No. 2 \_\_\_\_\_ Addendum No. 4 \_\_\_\_\_ Addendum No. 6 \_\_\_\_\_ Addendum No. 7 \_\_\_\_\_

LITTLE™  
DIVERSIFIED ARCHITECTURAL CONSULTING



# State of North Carolina AFFIDAVIT A – Listing of Good Faith Efforts

County of \_\_\_\_\_

(Name of Bidder)

Affidavit of \_\_\_\_\_

I have made a good faith effort to comply under the following areas checked:

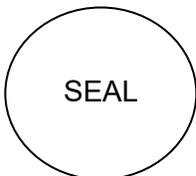
**Bidders must earn at least 50 points from the good faith efforts listed for their bid to be considered responsive.** (1 NC Administrative Code 30 I.0101)

- 1 – (10 pts)** Contacted minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor, or available on State or local government maintained lists, at least 10 days before the bid date and notified them of the nature and scope of the work to be performed.
- 2 --(10 pts)** Made the construction plans, specifications and requirements available for review by prospective minority businesses, or providing these documents to them at least 10 days before the bids are due.
- 3 – (15 pts)** Broken down or combined elements of work into economically feasible units to facilitate minority participation.
- 4 – (10 pts)** Worked with minority trade, community, or contractor organizations identified by the Office of Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of minority businesses.
- 5 – (10 pts)** Attended prebid meetings scheduled by the public owner.
- 6 – (20 pts)** Provided assistance in getting required bonding or insurance or provided alternatives to bonding or insurance for subcontractors.
- 7 – (15 pts)** Negotiated in good faith with interested minority businesses and did not reject them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.
- 8 – (25 pts)** Provided assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisted minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help minority businesses in establishing credit.
- 9 – (20 pts)** Negotiated joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.
- 10 - (20 pts)** Provided quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.

The undersigned, if apparent low bidder, will enter into a formal agreement with the firms listed in the Identification of Minority Business Participation schedule conditional upon scope of contract to be executed with the Owner. Substitution of contractors must be in accordance with GS143-128.2(d) Failure to abide by this statutory provision will constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of the minority business commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_



State of \_\_\_\_\_, County of \_\_\_\_\_  
Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_  
Notary Public \_\_\_\_\_  
My commission expires \_\_\_\_\_

# State of North Carolina --AFFIDAVIT B-- Intent to Perform Contract with Own Workforce.

County of \_\_\_\_\_

Affidavit of \_\_\_\_\_  
(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for the \_\_\_\_\_ contract.  
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform all elements of the work on this project with his/her own current work forces; and

The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement. The Bidder agrees to make a Good Faith Effort to utilize minority suppliers where possible.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

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

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



State of \_\_\_\_\_, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_

Notary Public \_\_\_\_\_

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

# State of North Carolina - AFFIDAVIT C - Portion of the Work to be Performed by HUB Certified/Minority Businesses

County of \_\_\_\_\_

**(Note this form is to be submitted only by the apparent lowest responsible, responsive bidder.)**

If the portion of the work to be executed by HUB certified/minority businesses as defined in GS143-128.2(g) and 128.4(a),(b),(e) is equal to or greater than 10% of the bidders total contract price, then the bidder must complete this affidavit.  
 This affidavit shall be provided by the apparent lowest responsible, responsive bidder within **72 hours** after notification of being low bidder.

Affidavit of \_\_\_\_\_ I do hereby certify that on the \_\_\_\_\_  
 (Name of Bidder)

\_\_\_\_\_ (Project Name)  
 Project ID# \_\_\_\_\_ Amount of Bid \$ \_\_\_\_\_

I will expend a minimum of \_\_\_\_\_ % of the total dollar amount of the contract with minority business enterprises. Minority businesses will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below.  
 Attach additional sheets if required

Name and Phone Number	*Minority Category	**HUB Certified Y/N	Work Description	Dollar Value

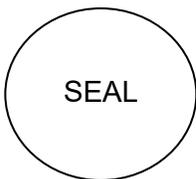
\*Minority categories: Black, African American (**B**), Hispanic (**H**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**D**)

**\*\* HUB Certification with the state HUB Office required to be counted toward state participation goals.**

Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_



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

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

State of \_\_\_\_\_, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Notary Public \_\_\_\_\_

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

# State of North Carolina AFFIDAVIT D – Good Faith Efforts

County of \_\_\_\_\_

**(Note this form is to be submitted only by the apparent lowest responsible, responsive bidder.)**

If the goal of 10% participation by HUB Certified/ minority business **is not** achieved, the Bidder shall provide the following documentation to the Owner of his good faith efforts:

Affidavit of \_\_\_\_\_ I do hereby certify that on the \_\_\_\_\_  
 (Name of Bidder)

Project ID# \_\_\_\_\_ (Project Name) Amount of Bid \$ \_\_\_\_\_

I will expend a minimum of \_\_\_\_\_% of the total dollar amount of the contract with HUB certified/ minority business enterprises. Minority businesses will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below. (Attach additional sheets if required)

Name and Phone Number	*Minority Category	**HUB Certified Y/N	Work Description	Dollar Value

\*Minority categories: Black, African American (**B**), Hispanic (**H**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**D**)

**\*\* HUB Certification with the state HUB Office required to be counted toward state participation goals.**

**Examples** of documentation that may be required to demonstrate the Bidder's good faith efforts to meet the goals set forth in these provisions include, but are not necessarily limited to, the following:

- A. Copies of solicitations for quotes to at least three (3) minority business firms from the source list provided by the State for each subcontract to be let under this contract (if 3 or more firms are shown on the source list). Each solicitation shall contain a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- B. Copies of quotes or responses received from each firm responding to the solicitation.
- C. A telephone log of follow-up calls to each firm sent a solicitation.
- D. For subcontracts where a minority business firm is not considered the lowest responsible sub-bidder, copies of quotes received from all firms submitting quotes for that particular subcontract.
- E. Documentation of any contacts or correspondence to minority business, community, or contractor organizations in an attempt to meet the goal.
- F. Copy of pre-bid roster
- G. Letter documenting efforts to provide assistance in obtaining required bonding or insurance for minority business.
- H. Letter detailing reasons for rejection of minority business due to lack of qualification.
- I. Letter documenting proposed assistance offered to minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

Failure to provide the documentation as listed in these provisions may result in rejection of the bid and award to the next lowest responsible and responsive bidder.

Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: \_\_\_\_\_ Name of Authorized Officer: \_\_\_\_\_

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

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



State of \_\_\_\_\_, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Notary Public \_\_\_\_\_

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

**FORM OF BID BOND**

KNOW ALL MEN BY THESE PRESENTS THAT \_\_\_\_\_

\_\_\_\_\_ as principal, and \_\_\_\_\_, as surety, who is duly licensed to act as surety in North Carolina, are held and firmly bound unto the State of North Carolina\* through \_\_\_\_\_ as obligee, in the penal sum of \_\_\_\_\_ DOLLARS, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Signed, sealed and dated this \_\_\_\_ day of \_\_\_\_ 20\_\_

WHEREAS, the said principal is herewith submitting proposal for and the principal desires to file this bid bond in lieu of making the cash deposit as required by G.S. 143-129.

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such, that if the principal shall be awarded the contract for which the bid is submitted and shall execute the contract and give bond for the faithful performance thereof within ten days after the award of same to the principal, then this obligation shall be null and void; but if the principal fails to so execute such contract and give performance bond as required by G.S. 143-129, the surety shall, upon demand, forthwith pay to the obligee the amount set forth in the first paragraph hereof. Provided further, that the bid may be withdrawn as provided by G.S. 143-129.1

\_\_\_\_\_(SEAL)

\_\_\_\_\_(SEAL)

\_\_\_\_\_(SEAL)

\_\_\_\_\_(SEAL)

\_\_\_\_\_(SEAL)

\*(Community college projects: Delete State of North Carolina as owner and replace with community college name.)

HARDWARE SETS

HW SET # 1.0

Hinge	TA2714	US26D	MK
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Electric Strike	8300-LBM	630	HS
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Door Closer	4040XP REG	AL	LC
1 Kick Plate	K1050 8" high HVBEV CSK	US32D	RO
1 Door Stop	409/441CU	32D/26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE
1 Wiring Diagram	AS REQUIRED		OT
1 ElectroLynx Harness	QC-C1500P (@ JAMBS)		MK
1 Card Reader	FURNISHED IN OTHER SECTION		OT
1 Power Supply	BPS-24 AS REQUIRED		SU

OPERATION: DOOR TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS. EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 2.0

Hinge	TA2714	US26D	MK
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Electric Strike	8300-LBM	630	HS
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Door Closer	4040XP CUSH	AL	LC
1 Kick Plate	K1050 8" high HVBEV CSK	US32D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE
1 Wiring Diagram	AS REQUIRED		OT
1 ElectroLynx Harness	QC-C1500P (@ JAMBS)		MK
1 Card Reader	FURNISHED IN OTHER SECTION		OT
1 Power Supply	BPS-24 AS REQUIRED		SU

OPERATION: DOOR TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS. EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 3.0

Hinge	TA2714	US26D	MK
1 Electric Hinge	TA2714 x QC	US26D	MK
1 Set Auto Flush Bolts	2842/2942	US26D	RO
1 Dust Proof Strike	570	US26D	RO
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Electric Strike	8300-LBM	630	HS
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Coordinator	2600 x FILLER BAR x MTG BRKTS	Black	RO
2 Door Closer	4040XP CUSH	AL	LC
2 Kick Plate	K1050 8" high HVBEV CSK	US32D	RO

1 Set Door Seals/Silencers	S88D/608 AS REQUIRED	PE
1 ElectroLynx Harness	QC-C1500P (@ JAMBS)	MK
1 ElectroLynx Harness	QC-C000 x LAR	MK
1 Card Reader	FURNISHED IN OTHER SECTION	OT
1 Power Supply	BPS-24 AS REQUIRED	SU

OPERATION: DOORS TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS. EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 4.0

Hinge	TA2714	US26D	MK
1 Office Lock	ND50 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Door Stop	409/441CU	32D/26D	RO
3 Silencer	608		RO

HW SET # 5.0

Hinge	TA2714	US26D	MK
1 Classroom Lock	ND70 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Door Stop	409/441CU	32D/26D	RO
3 Silencer	608		RO

HW SET # 6.0

Hinge	TA2714	US26D	MK
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Door Closer	4040XP REG	AL	LC
1 Kick Plate	K1050 8" high HVBEV CSK	US32D	RO
1 Door Stop	409/441CU	32D/26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

HW SET # 6.1

Hinge	TA2714	US26D	MK
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Overhead Stop	10-X36	630	RF
3 Silencer	608		RO

HW SET # 7.0

Hinge	T4A3786	US26D	MK
1 Storeroom Lock	ND80 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Door Closer	4040XP EDA	AL	LC
1 Kick Plate	K1050 8" high HVBEV CSK	US32D	RO
1 Wall Stop	409	US32D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

NOTE: DOOR TO SWING 180 DEGREES.

HW SET # 8.0

1 Office Lock	ND50 P D RHO x TEMP CYL	626	SC
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
1 Door Stop	409/441CU	32D/26D	RO

NOTE: BALANCE OF HARDWARE FURNISHED BY DEMOUNTABLE PARTITION SUPPLIER.

HW SET # 9.0

NOTE: EXISTING HARDWARE TO REMAIN.

HW SET # 10.0

Hinge	TA2714	US26D	MK
1 Elect SVR Exit Device	EL RX 9927L-NL x 996NL LBR	US26D	VD
1 Elect SVR Exit Device	RX 9927EO LBR	US26D	VD
1 Cylinder	AS REQUIRED/MATCH EXISTING	626	SC
2 Elect Holder/Closer	4040SE PUSH STD x BRKTS REQ	AL	LC
2 Door Stop	482	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE
2 Electric Power Transfer	EPT10	SP28	VD
1 Card Reader	FURNISHED IN OTHER SECTION		OT
1 Power Supply	PS914 9002RS		VD
1 Wiring Diagram	AS REQUIRED		OT

OPERATION: DOORS TO BE CLOSED AND LOCKED AT ALL TIMES UNLESS DOORS ARE HELD OPEN BY ELECTRONIC HOLDER/CLOSERS. WHEN LOCKED, PRESENTATION OF A VALID CARD SIGNALS ELECTRIC LATCH RETRACTION ALLOWING INGRESS. EGRESS AT ALL TIMES BY EXIT DEVICE PUSH BARS.

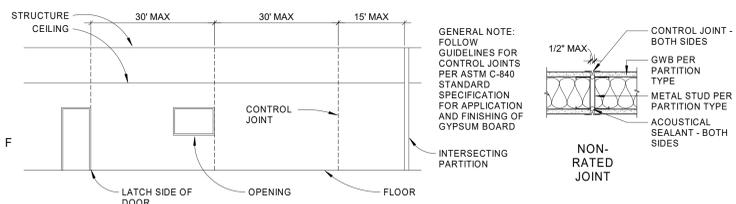
NOTE: ELECTRONIC HOLDER/CLOSER TO BE TIED INTO FIRE ALARM SYSTEM.

MANUFACTURERS ABBREVIATIONS:

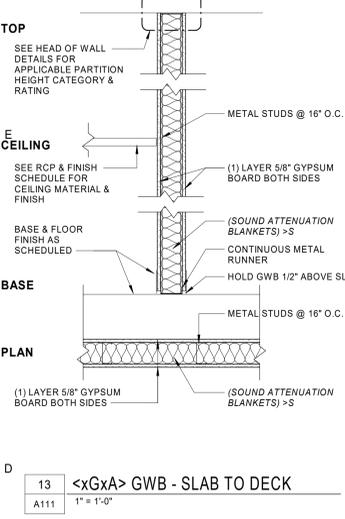
1. MK - McKinney
2. RO - Rockwood
3. SC - Schlage
4. HS - HES
5. LC - LCN Closers
6. PE - Pemko
7. OT - OTHER
8. SU - Securitron
9. VD - Von Duprin

END OF SECTION 08 06 71

**GWB CONTROL JOINTS**



**PARTITION TYPES**



**LIMITING HEIGHTS - STEEL STUDS**

WALL HEIGHT	DEFLECTION LIMIT OF L/240		DEFLECTION LIMIT OF L/360	
	WITHOUT SHELVING	WITH SHELVING	WITHOUT SHELVING	WITH SHELVING
<10'	362S125-18 16" O.C.	362S125-18 16" O.C.	362S125-18 16" O.C.	362S125-18 16" O.C.
<12'	362S125-18 16" O.C.	362S125-33 16" O.C.	362S125-18 16" O.C.	362S125-33 16" O.C.
<14'	362S125-18 16" O.C.	362S125-33 16" O.C.	362S125-33 16" O.C.	362S125-33 16" O.C.
<16'	362S125-33 16" O.C.	362S125-33 16" O.C.	362S125-54 16" O.C.	362S125-54 16" O.C.

**NOTES:**  
1. DESIGN LATERAL LOAD OF 5 PSF, AND NO VERTICAL LOAD (NON-LOAD-BEARING).  
2. DEFLECTION LIMIT OF L/360 SHALL BE USED FOR BRITTLE WALL FINISHES, SUCH AS TILE, TERRAZO, AND PLASTER. DEFLECTION LIMIT OF L/240 MAY BE USED FOR ALL OTHER CONDITIONS.  
3. WITH SHELVING DESIGN FOR 16" SHELVING UNIT, LOAD OF 73 POUNDS PER LINEAR FOOT INCLUDING CONTENTS, CENTERED 3" FROM FACE OF WALL, FOR ONE ROW OF SHELVING ROUGHLY 4' A.F.F.

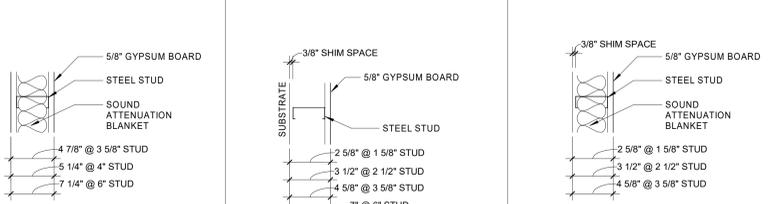
**MEMBER WEB DEPTH** (6" = 600 x 1/100")  
600 S 162 - 54

**FLANGE WIDTH** (1-5/8" = 1.625" = 162 x 1/100")

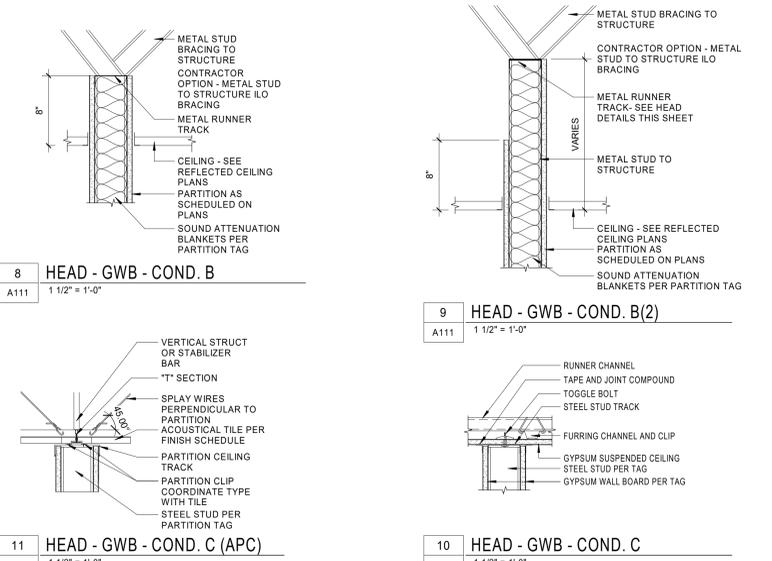
**STYLE**  
S = STUD OR JOIST SECTION  
T = TRACK SECTIONS  
U = CHANNEL SECTIONS  
F = FURRING CHANNEL SECTIONS

**MIL THICKNESS**  
(.054" = #4 MILS  
1 MIL = 1/1000")  
18 MIL = 25 GA  
27 MIL = 22 GA  
30 MIL = 20 GA (DRYWALL)  
33 MIL = 20 GA (STRUCTURAL)  
43 MIL = 18 GA  
54 MIL = 16 GA  
68 MIL = 14 GA

**PARTITION TYPE GENERAL NOTES**



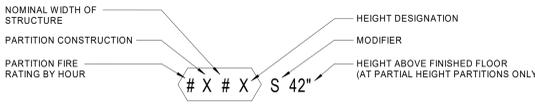
**GWB HEAD CONDITIONS**



**PARTITION TYPE GENERAL NOTES**

- PLAN DIMENSIONS ARE TO FACE OF PARTITION ASSEMBLY UNLESS OTHERWISE NOTED.
- ALL METAL STUD PARTITIONS TO HAVE STUDS SPACED @ 16" O.C. UNLESS OTHERWISE NOTED.
- STEEL STUD GAGE TO BE DESIGNED AS RECD IN ORDER TO MEET DEFLECTION CRITERIA (AS LISTED IN SPECIFICATIONS) AND ANY ADDITIONAL LOAD INCURRED DUE TO WALL MOUNTED FIXTURES, GRAB BARS, ETC.
- REFER TO THE FINISH SCHEDULE, FLOOR PLANS, AND ELEVATIONS FOR LOCATION AND EXTENT OF FINISH MATERIALS APPLIED TO PARTITIONS.
- SOUND ATTENUATION BLANKET TO BE 3 1/2" UNLESS OTHERWISE NOTED.
- AT SOUND INSULATED WALLS PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETERS EDGES AND PENETRATIONS. OFFSET ELECTRICAL AND DATA OUTLETS 16" MIN.
- ALL EXPOSED TO VIEW, CORNERS & ENDS SHALL RECEIVE MTL. EDGE BEADS TREATED WITH DRYWALL COMPOUND TO A HEIGHT OF 6" ABOVE FINISHED CEILINGS.

**PARTITION TYPE PLAN SYMBOL**



**PARTITION FIRE RATING BY HOUR:**

- 0xxx = NO FIRE RATING
- 1xxx = 1 HOUR FIRE RATING
- 2xxx = 2 HOUR FIRE RATING
- 3xxx = 3 HOUR FIRE RATING

**PARTITION CONSTRUCTION:**

- xHxx HAT CHANNEL
- xSxx C-H STUD/SHAFT WALL
- xMxx METAL STUD
- xMxx MASONRY
- xWxx WOOD STUD
- xExx EXISTING
- xPxx CAST-IN-PLACE CONCRETE

**NOMINAL WIDTH OF STRUCTURE: #**

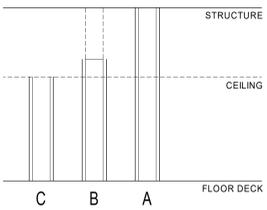
- xx0x = 7/8"
- xx1x = 1 5/8"
- xx2x = 2 1/2"
- xx3x = 3 5/8"
- xx4x = 4"
- xx6x = 6"
- xx8x = 8"

**HEIGHT DESIGNATION**

- xxxA = UNDERSIDE OF STRUCTURE ABOVE
- xxxB = EXTEND STUDS TO UNDERSIDE OF STRUCTURE ABOVE, EXTEND GYPSUM BOARD TO 6" ABOVE CEILING
- xxxC = TO UNDERSIDE OF CEILING, OVERHEAD BRACED
- xxxP = PARTIAL HEIGHT PARTITION (SEE PLAN & ELEVATIONS FOR PARTITION HEIGHT)

**MODIFIER**

- E EXTRA LAYER OF GYPSUM (SEE ASSEMBLY DIAGRAM)
- O GYP ONE SIDE
- R RESILIENT CHANNEL
- S SOUND ATTENUATION - BATT'S AT METAL STUD



**GENERAL NOTES**

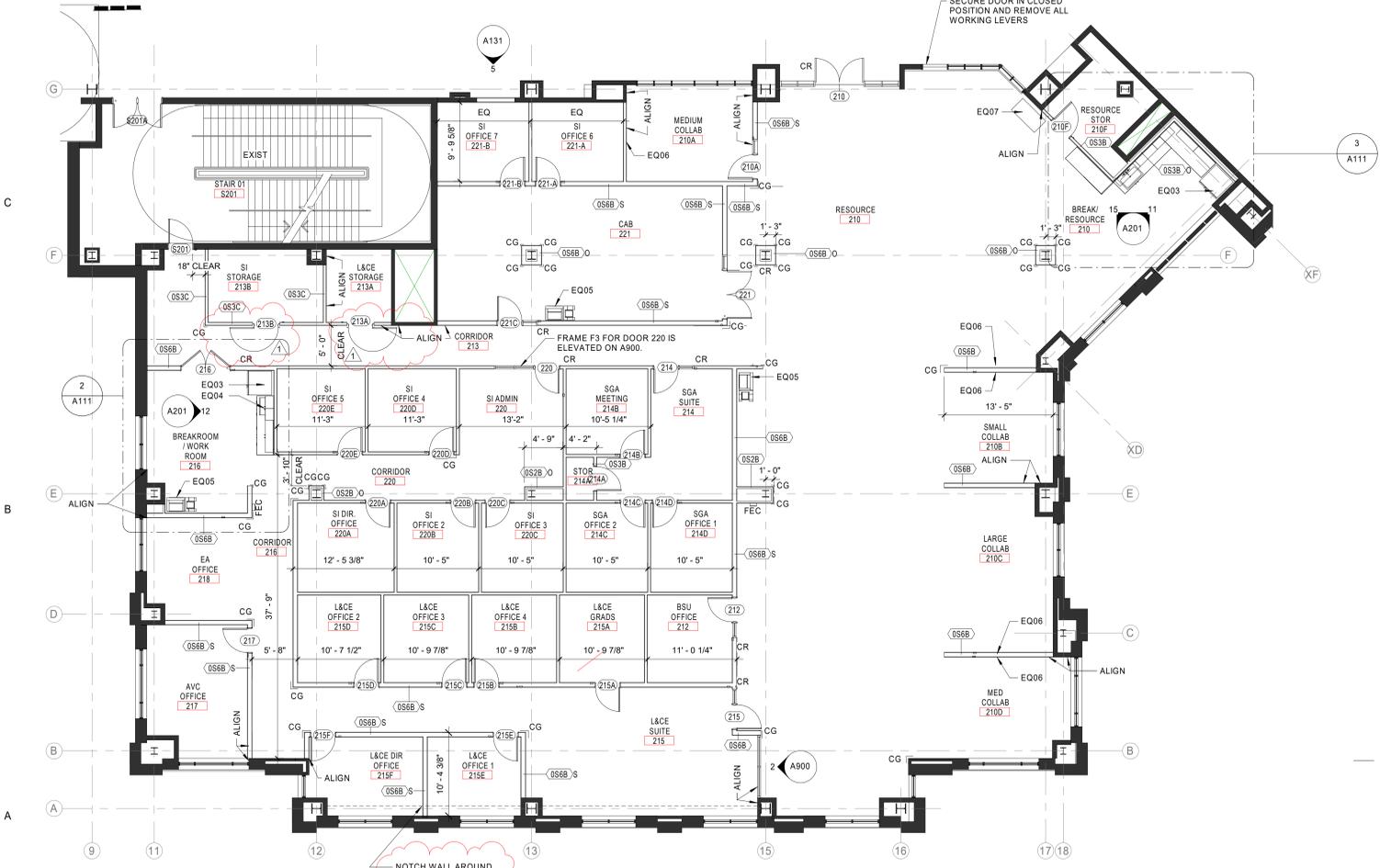
- WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
- SEE SHEET A111 FOR PARTITION TYPES.
- SEE SHEET A200 FOR DOOR TYPES AND DETAILS.
- PROVIDE CONTROL JOINTS ON GYP. BD. ASSEMBLIES PER SPECIFICATIONS AND WHERE SHOWN.
- EXTEND WALLS TO DECK ABOVE STOREFRONT SYSTEMS AND GLASS WALL PARTITIONS.
- OFFSET ELECTRICAL AND TELEPHONE OUTLETS 16" MINIMUM IN SEPARATE STUD WALL CAVITIES.
- WHERE NEW PARTITION ALIGNS WITH THE FACE OF AN EXISTING FURRED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE AND SPACKLE NEW PARTITION TO EXISTING GYPSUM BOARD. PREPARE SURFACES FOR NEW FINISHES AS REQUIRED.
- PROVIDE RECESSED FIRE EXTINGUISHER CABINETS, SMOKE DETECTORS AND OTHER LIFE SAFETY DEVICES AS REQUIRED BY CODE. PROVIDE DRAWING SHOWING NUMBER, LOCATION, AND SPECIFICATION OF SUCH DEVICES FOR L&AA REVIEW PRIOR TO FRAMING OF WALLS. DO NOT PLACE IN FIRE RATED PARTITIONS.
- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH CONTAINS THE GENERAL CONDITIONS, AND THE SPECIFICATIONS), THE DRAWINGS AND ALL ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT.
- THE CONTRACTOR SHALL REVIEW DOCUMENTS AND VERIFY DIMENSIONS AND FIELD CONDITIONS WHEN APPLICABLE. CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF WORK IN QUESTIONS.
- CONTRACTOR SHALL COORDINATE WITH TENANT THE SCHEDULE FOR ALL TELEPHONE COMPANY AND DATA INSTALLATIONS.
- "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
- CONTRACTOR SHALL COORDINATE AND PROVIDE METAL BACKING PLATES OR SOLID WOOD BLOCKING (FIRE TREATED) IN PARTITIONS AND CHASES FOR ALL MILLWORK WALL AND CEILING ATTACHED ITEMS AS REQUIRED BY EACH SPECIFIC ITEM.
- ALL WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, ALL DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT; PARTITION PLAN BY DESIGN INTENT ARCHITECT SUPERSEDES OTHER PLANS.
- ALL PARTITION TYPES ARE 0S#S, UNLESS OTHERWISE NOTED.
- ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL FINISHES INCLUDING CARPET, CERAMIC TILE, VCT, ETC.
- COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR DIMENSIONING. VERIFY EXACT LOCATIONS IN FIELD.
- PARTITION TYPES ENCLOSING ROOMS AND SPACES SHALL BE CONTINUOUS THROUGHOUT ENTIRE ROOM OR SPACE.
- PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETER EDGES AND/OR PENETRATIONS AT SOUND INSULATED WALLS. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 16" MINIMUM IN SEPARATE STUD CAVITIES.
- WHERE ADJACENT PARTITION TYPES ARE OF DIFFERENT OVERALL THICKNESS, ALIGN FINISHES ON VISIBLE SIDE, AND FURR OPPOSITE SIDE AS REQUIRED FOR A FLUSH INSTALLATION.
- BRACE ALL CHASE WALLS FROM STUD TO STUD AT 4" OC MIN. VERTICAL AND PER MANUFACTURER'S RECOMMENDATION UNLESS NOTED OTHERWISE.
- PROVIDE STEEL STUD GAUGES AND/OR DIAGONAL BRACING AT TOPS OF WALLS PER MANUFACTURER'S RECOMMENDATIONS FOR WALL TYPE, HEIGHT, AND USE BASED ON L240 LIMITING HEIGHTS.\*
- PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR PARTITIONS EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.

**ALTERNATES**

- ALTERNATE NO. 1 - DOOR SIDE LITES AND TRANSOMS
- a. BASE BID: DOORS SHALL NOT HAVE SIDE LITES AND TRANSOMS
  - b. ALTERNATE BID: SIDE LITES AND TRANSOMS AT ALL DOORS AS INDICATED ON DOOR SCHEDULE
- ALTERNATE NO. 2 - ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
- a. BASE BID: NO ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
  - b. ALTERNATE BID: ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
- ALTERNATE NO. 3 - NEW SINK IN BREAK/WORK ROOM 216
- a. BASE BID: NO NEW SINK IN BREAK/WORK ROOM 216
  - b. ALTERNATE BID: INSTALL SINK AT BREAK/WORK ROOM 216 (SINGLE BOWL TO MATCH RESOURCE AREA), INCLUDE 48" W SINK BASE CABINET IN LIEU OF (2) 24" W CABINETS
- ALTERNATE NO. 4: OWNER PREFERRED ALTERNATE. PROVIDE OWNER PREFERRED CAMPUS STANDARD HARDWARE ALTERNATE AS SPECIFIED IN SECTION 08 71 00 "DOOR HARDWARE" AND AS FOLLOWS:
- LOCKS AND CYLINDERS: SCHLAGE.
  - EXIT DEVICES: VON DUPRIN.
  - DOOR CLOSERS: LCN.
- ALTERNATE NO. 5 - VINYL WALL COVERING (VWC1 AND VWC2) AND VINYL FILM (VF1) ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
- a. BASE BID: NO VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
  - b. ALTERNATE BID: VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
- ALTERNATE NO. 6 - CWT1 BACKSPLASH IN BREAK/WORK ROOM 216
- a. BASE BID: NO CWT1 BACKSPLASH IN BREAK/WORK ROOM 216
  - b. ALTERNATE BID: CWT1 BACKSPLASH IN BREAK/WORK ROOM 216

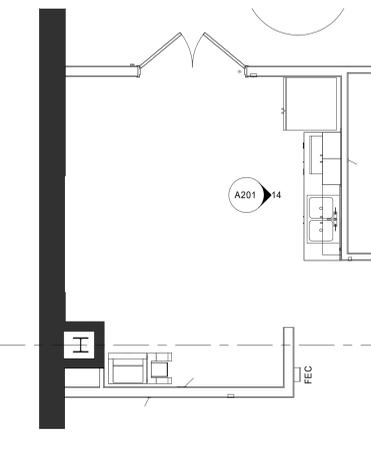
**EQUIPMENT / APPLIANCE LEGEND**

- EQ01 NOT USED
  - EQ02 NOT USED
  - EQ03 REFRIGERATOR OP/01
  - EQ04 MICROWAVE OP/01
  - EQ05 COPIER/MFD OP/01
  - EQ06 MONITOR BY OWNER
  - EQ07 POPCORN MAKER OP/01
- CR= CARD READER  
CG= CORNER GUARD



**5 RECESSED CORNER GUARDS**

A111 3" = 1'-0"  
FULL HEIGHT TO MATCH COLOR OF WALL PAINT



**2 ENLARGED PLAN - BREAK/WORKROOM - ALT NO.3**

A111 1/4" = 1'-0"

**3 ENLARGED PLAN - BREAK/RESOURCE**

A111 1/4" = 1'-0"

**LITTLE**  
OVERSEEN ARCHITECTURAL CONSULTING

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www.littleonline.com

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**UNC CHARLOTTE**

**LITTLE OVERSEEN ARCHITECTURAL CONSULTING, INC.**  
CERT. NO. 50033  
100 NORTH CHASE PARKWAY  
CHARLOTTE, N.C.

**WANNON RYDLE**  
REGISTERED ARCHITECT  
12539  
9.13.2010  
WANNON RYDLE ARCHITECTS  
CHARLOTTE, N.C.

ISSUE FOR:  
BID SET

ISSUE DATE:  
03/23/20

REVISIONS:  
NO. REASON DATE  
1 Addendum 01 04/03/20

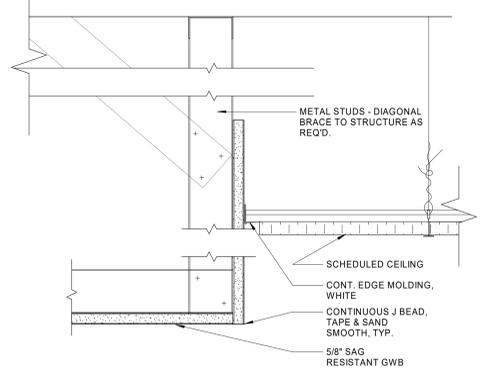
PROJECT TEAM:  
PRINCIPAL IN CHARGE: SR  
PROJECT MANAGER: AS  
DESIGN TEAM: CE

PROJECT NAME:  
UNCC-SGO RENOVATIONS

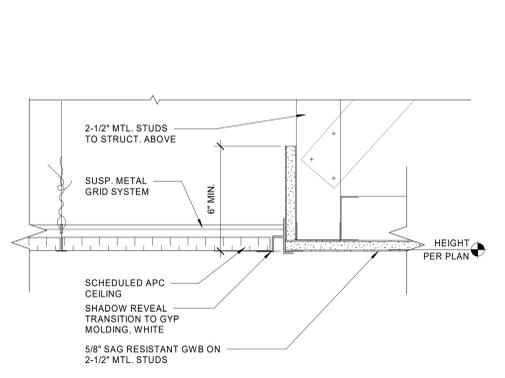
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PROJECT NO.  
113-1001-00

SHEET TITLE:  
PARTITION TYPES AND FLOOR PLAN - LEVEL 02

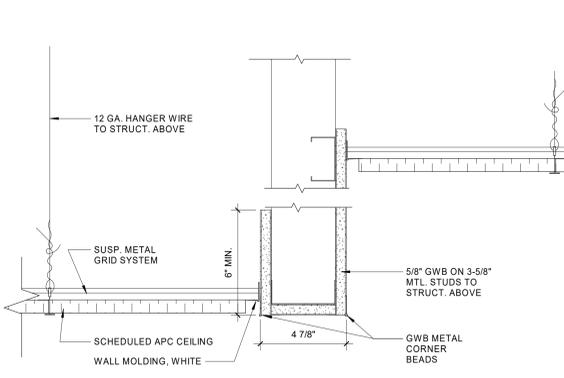
SHEET NUMBER:  
A111



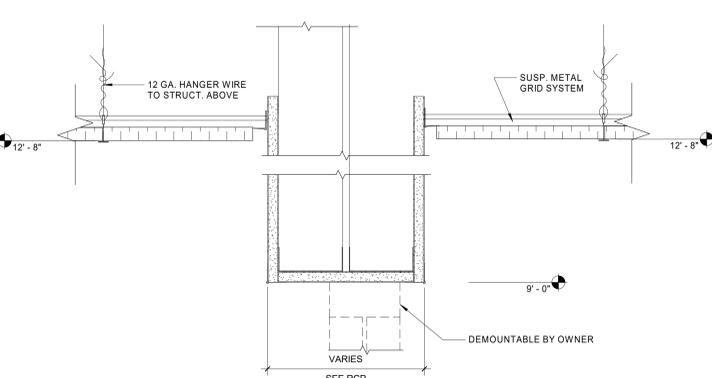
**7E RCP DETAIL - TYP. APC HIGH / GYP LOW**  
A121 3" = 1'-0"



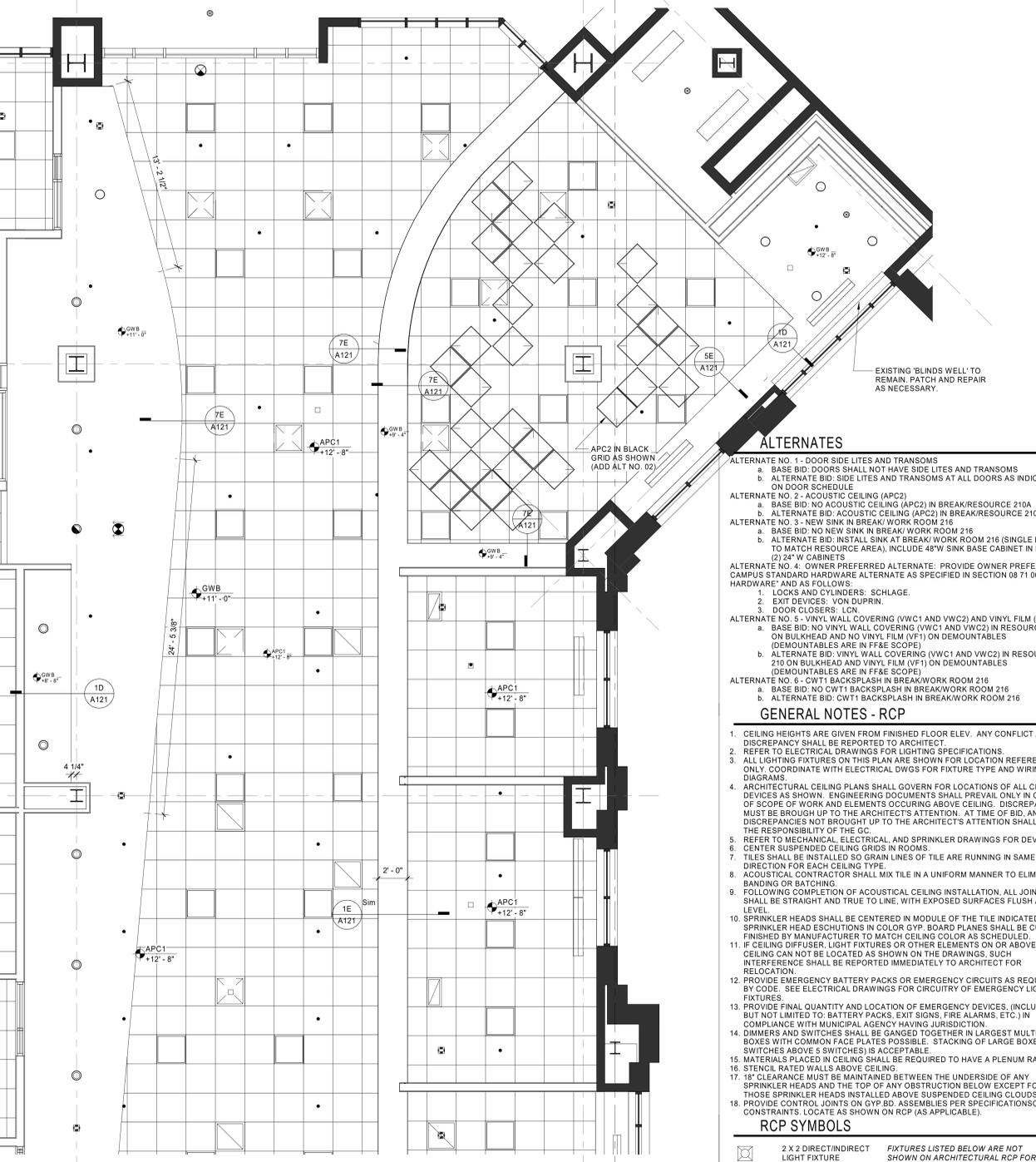
**5E RCP DETAIL - GWB TO APC - FLUSH REVEAL**  
A121 3" = 1'-0"



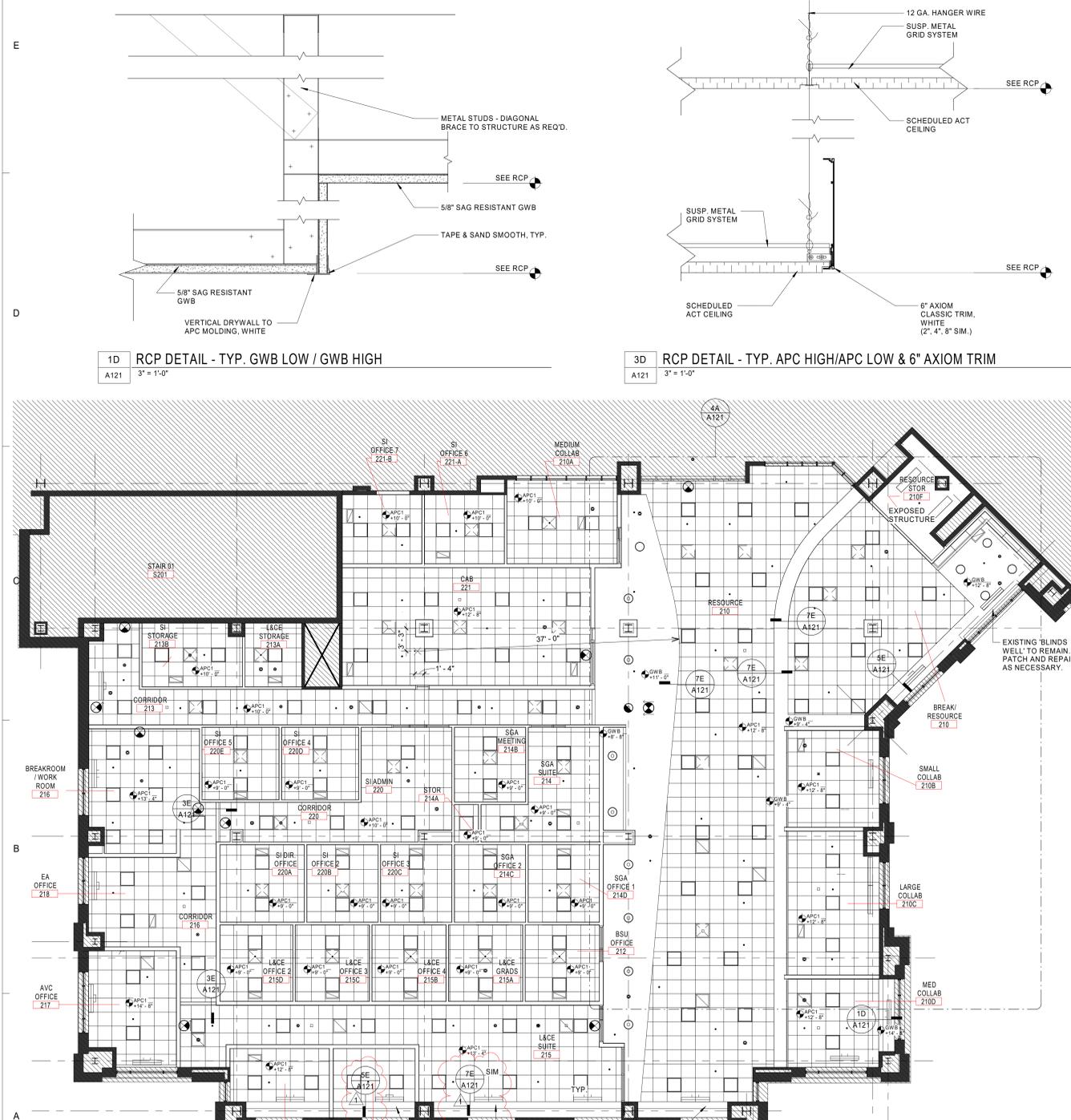
**3E RCP DETAIL - APC LOW / BULKHEAD / APC HIGH**  
A121 3" = 1'-0"



**1E DETAIL - APC / GWB SOFFIT / APC**  
A121 3" = 1'-0"



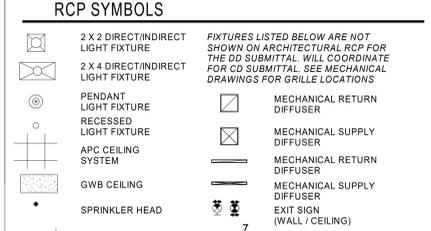
**4A Level 2 - REFLECTED CEILING PLAN, ENLARGED PLAN**  
A121 1/4" = 1'-0"



**1A Level 2 - REFLECTED CEILING PLAN**  
A121 1/8" = 1'-0"

- ALTERNATES**
- ALTERNATE NO. 1 - DOOR SIDE LITES AND TRANSOMS**
- a. BASE BID: DOORS SHALL NOT HAVE SIDE LITES AND TRANSOMS
  - b. ALTERNATE BID: SIDE LITES AND TRANSOMS AT ALL DOORS AS INDICATED ON DOOR SCHEDULE
- ALTERNATE NO. 2 - ACOUSTIC CEILING (APC2)**
- a. BASE BID: NO ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
  - b. ALTERNATE BID: ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
- ALTERNATE NO. 3 - NEW SINK IN BREAK/WORK ROOM 216**
- a. BASE BID: NO NEW SINK IN BREAK/WORK ROOM 216 (SINGLE BOWL TO MATCH RESOURCE AREA), INCLUDE 48" W SINK BASE CABINET IN LIEU OF (2) 24" W CABINETS
  - b. ALTERNATE BID: INSTALL SINK AT BREAK/WORK ROOM 216 (SINGLE BOWL TO MATCH RESOURCE AREA), INCLUDE 48" W SINK BASE CABINET IN LIEU OF (2) 24" W CABINETS
- ALTERNATE NO. 4 - OWNER PREFERRED ALTERNATE: PROVIDE OWNER PREFERRED CAMPUS STANDARD HARDWARE ALTERNATE AS SPECIFIED IN SECTION 08 71 00 'DOOR LOCK AND CYLINDERS: SCHLAGE.**
- 1. LOCK AND CYLINDERS: SCHLAGE.
  - 2. EXIT DEVICES: VON DUPRIN.
  - 3. DOOR CLOSERS: LCN.
- ALTERNATE NO. 5 - VINYL WALL COVERING (VWC1 AND VWC2) AND VINYL FILM (VF1) ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)**
- a. BASE BID: NO VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
  - b. ALTERNATE BID: VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
- ALTERNATE NO. 6 - CWT1 BACKSPLASH IN BREAK/WORK ROOM 216**
- a. BASE BID: NO CWT1 BACKSPLASH IN BREAK/WORK ROOM 216
  - b. ALTERNATE BID: CWT1 BACKSPLASH IN BREAK/WORK ROOM 216

- GENERAL NOTES - RCP**
1. CEILING HEIGHTS ARE GIVEN FROM FINISHED FLOOR ELEV. ANY CONFLICT / DISCREPANCY SHALL BE REPORTED TO ARCHITECT
  2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING SPECIFICATIONS.
  3. ALL LIGHTING FIXTURES ON THIS PLAN ARE SHOWN FOR LOCATION REFERENCE ONLY. COORDINATE WITH ELECTRICAL DWGS FOR FIXTURE TYPE AND WIRING DIAGRAMS.
  4. ARCHITECTURAL CEILING PLANS SHALL GOVERN FOR LOCATIONS OF ALL CEILING DEVICES AS SHOWN. ENGINEERING DOCUMENTS SHALL PREVAIL ONLY IN CASE OF SCOPE OF WORK AND ELEMENTS OCCURRING ABOVE CEILING. DISCREPANCIES MUST BE BROUGHT UP TO THE ARCHITECT'S ATTENTION. AT TIME OF BID, ANY DISCREPANCIES NOT BROUGHT UP TO THE ARCHITECT'S ATTENTION SHALL BE THE RESPONSIBILITY OF THE GC.
  5. REFER TO MECHANICAL ELECTRICAL AND SPRINKLER DRAWINGS FOR DEVICES.
  6. CENTER SUSPENDED CEILING GRIDS IN ROOMS.
  7. TILES SHALL BE INSTALLED SO GRAIN LINES OF TILE ARE RUNNING IN SAME DIRECTION FOR EACH CEILING TYPE.
  8. ACOUSTICAL CONTRACTOR SHALL MIX TILE IN A UNIFORM MANNER TO ELIMINATE BANDING OR BATCHING.
  9. FOLLOWING COMPLETION OF ACOUSTICAL CEILING INSTALLATION, ALL JOINTS SHALL BE STRAIGHT AND TRUE TO LINE, WITH EXPOSED SURFACES FLUSH AND LEVEL.
  10. SPRINKLER HEADS SHALL BE CENTERED IN MODULE OF THE TILE INDICATED. SPRINKLER HEAD ESCUTCHIONS IN COLOR GYP BOARD PLANS SHALL BE CUSTOM FINISHED BY MANUFACTURER TO MATCH CEILING COLOR AS SCHEDULED.
  11. IF CEILING DIFFUSER, LIGHT FIXTURES OR OTHER ELEMENTS ON OR ABOVE THE CEILING CAN NOT BE LOCATED AS SHOWN ON THE DRAWINGS, SUCH INTERFERENCE SHALL BE REPORTED IMMEDIATELY TO ARCHITECT FOR RELOCATION.
  12. PROVIDE EMERGENCY BATTERY PACKS OR EMERGENCY CIRCUITS AS REQUIRED BY CODE - SEE ELECTRICAL DRAWINGS FOR CIRCUITRY OF EMERGENCY LIGHT FIXTURES.
  13. PROVIDE FINAL QUANTITY AND LOCATION OF EMERGENCY DEVICES, INCLUDING BUT NOT LIMITED TO: BATTERY PACKS, EXIT SIGNS, FIRE ALARMS, ETC.) IN COMPLIANCE WITH MUNICIPAL AGENCY HAVING JURISDICTION.
  14. DIMMERS AND SWITCHES SHALL BE GANGED TOGETHER IN LARGEST MULTI-GANG BOXES WITH COMMON FACE PLATES POSSIBLE. STACKING OF LARGE BOXES (5 SWITCHES ABOVE 5 SWITCHES) IS ACCEPTABLE.
  15. MATERIALS PLACED IN CEILING SHALL BE REQUIRED TO HAVE A PLENUM RATING.
  16. STENCIL RATED WALLS ABOVE CEILING.
  17. 18" CLEARANCE MUST BE MAINTAINED BETWEEN THE UNDERSIDE OF ANY SPRINKLER HEADS AND THE TOP OF ANY OBSTRUCTION BELOW EXCEPT FOR THOSE SPRINKLER HEADS INSTALLED ABOVE SUSPENDED CEILING CLOUDS.
  18. PROVIDE CONTROL JOINTS ON GYP BD. ASSEMBLIES PER SPECIFICATIONS CONSTRAINTS. LOCATE AS SHOWN ON RCP (AS APPLICABLE).





EXISTING DOORS TO BE RE-USED:  
11 RIGHT HAND SWING (IN)  
9 LEFT-HAND SWING (IN)  
1 LEFT-HAND SWING (OUT)  
1 RIGHT HAND SWING (OUT)  
1 LEFT-HAND SWING (IN) (STORAGE DOOR)  
3 RIGHT HAND SWING (OUT) (STORAGE DOOR)  
1 LEFT-HAND SWING (OUT) (STORAGE DOOR)  
1 DOUBLE DOOR (IN)

DOOR SCHEDULE table with columns: Door Number, Type, Width, Height, Thickness, Material, Finish, Rating, Hardware, Frame Type, Material, Finish, Comments. Includes rows for S201, S201A, and a list of doors 210-221C.

DOOR HARDWARE SETS

HARDWARE SETS

HW SET # 1.0

- Hinge TA2714US26D MK
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Electric Strike 8300-LBM 630HS
1 SMART Pac Bridge Rectifier 2005M3 HS
1 Door Closer 4040XP REG AL LC
1 Kick Plate K1050 8" high HVBEV CSK US32D RO
1 Door Stop 409/441CU 32D/26D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE
1 Wiring Diagram AS REQUIRED OT
1 ElectroLynx Harness QC-C1500P (@ JAMBS) MK
1 Card Reader FURNISHED IN OTHER SECTION OT
1 Power Supply BPS-24 AS REQUIRED SU

OPERATION: DOOR TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS, EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 2.0

- Hinge TA2714US26D MK
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Electric Strike 8300-LBM 630HS
1 SMART Pac Bridge Rectifier 2005M3 HS
1 Door Closer 4040XP CUSH AL LC
1 Kick Plate K1050 8" high HVBEV CSK US32D RO
1 Door Stop 409/441CU 32D/26D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE
1 Wiring Diagram AS REQUIRED OT
1 ElectroLynx Harness QC-C1500P (@ JAMBS) MK
1 Card Reader FURNISHED IN OTHER SECTION OT
1 Power Supply BPS-24 AS REQUIRED SU

OPERATION: DOORS TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS, EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 3.0

- Hinge TA2714US26D MK
1 Classroom Lock ND70 P D RHO x TEMP CYL 626SC
1 Set Auto Flush Bolts 292/292 US26D RO
1 Dust Proof Strike 570US26D RO
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Electric Strike 8300-LBM 630HS
1 SMART Pac Bridge Rectifier 2005M3 HS
1 Coordinat 2900 x FILLER BAR x MTS BRKTS/Black RO
1 Door Closer 4040XP CUSH AL LC
1 Kick Plate K1050 8" high HVBEV CSK US32D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE
1 ElectroLynx Harness QC-C1500P (@ JAMBS) MK
1 ElectroLynx Harness QC-C000 x LAR MK
1 Card Reader FURNISHED IN OTHER SECTION OT
1 Power Supply BPS-24 AS REQUIRED SU

OPERATION: DOORS TO BE CLOSED AND LOCKED AT ALL TIMES. PRESENTATION OF A VALID CARD RELEASES ELECTRIC STRIKE ALLOWING INGRESS, EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET # 4.0

- Hinge TA2714US26D MK
1 Office Lock ND50 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Door Stop 409/441CU 32D/26D RO
1 Silencer 608 RO

HW SET # 5.0

- Hinge TA2714US26D MK
1 Classroom Lock ND70 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Door Stop 409/441CU 32D/26D RO
1 Silencer 608 RO

HW SET # 6.0

- Hinge TA2714US26D MK
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Door Closer 4040XP REG AL LC
1 Kick Plate K1050 8" high HVBEV CSK US32D RO
1 Door Stop 409/441CU 32D/26D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE

HW SET # 6.1

- Hinge TA2714US26D MK
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Overhead Stop 10-x36 830RF
1 Silencer 608 RO

HW SET # 7.0

- Hinge T4A3786 US26D MK
1 Storeroom LockND80 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Door Closer 4040XP EDA AL LC
1 Kick Plate K1050 8" high HVBEV CSK US32D RO
1 Wall Stop 409/US32D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE

NOTE: DOOR TO SWING 180 DEGREES.

HW SET # 8.0

- 1 Office Lock ND50 P D RHO x TEMP CYL 626SC
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
1 Door Stop 409/441CU 32D/26D RO

NOTE: BALANCE OF HARDWARE FURNISHED BY DEMOUNTABLE PARTITION SUPPLIER.

HW SET # 9.0

NOTE: EXISTING HARDWARE TO REMAIN.

HW SET # 10.0

- Hinge TA2714US26D MK
1 Elect SVR Exit Device EL RX 9927L-NL x 996NL LBR US26D VD
1 Elect SVR Exit Device RX 9927EO LBR US26D VD
1 Cylinder AS REQUIRED/MATCH EXISTING 626SC
2 Elect Holder/Closer 4040SE PUSH STD x BRKTS REG AL LC
2 Door Stop 482/US26D RO
1 Set Door Seals/Silencers S88D/608 AS REQUIRED PE
2 Electric Power Transfer EPT10 SP28 VD
1 Card Reader FURNISHED IN OTHER SECTION OT
1 Power Supply PS914 9002RS VD
1 Wiring Diagram AS REQUIRED OT

OPERATION: DOORS TO BE CLOSED AND LOCKED AT ALL TIMES UNLESS DOORS ARE HELD OPEN BY ELECTRONIC HOLDER/CLOSERS. WHEN LOCKED, PRESENTATION OF A VALID CARD SIGNALS ELECTRIC LATCH RETRACTION ALLOWING INGRESS, EGRESS AT ALL TIMES BY EXIT DEVICE PUSH BARS.

NOTE: ELECTRONIC HOLDER/CLOSER TO BE TIED INTO FIRE ALARM SYSTEM.

MANUFACTURERS ABBREVIATIONS.

- 1. MK - McKinney
2. RO - Rockwood
3. SC - schlage
4. HS - HES
5. LC - LCN Closers
6. PE - Fenilo
7. OT - OTHER
8. SU - Securitron
9. VD - Von Duprin

END OF SECTION 080671

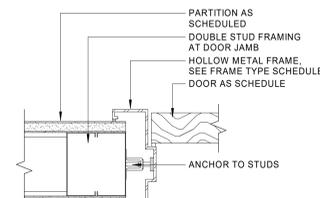
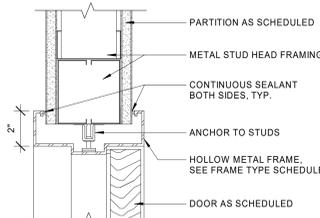
GENERAL NOTES - DOORS

- 1. CAULK DOOR JAMBS AND HEADS AT DOORS LOCATED IN WALLS TO BE SOUND INSULATED.
2. HOLLOW METAL DOOR FRAMES TO BE FULLY WELDED FRAMES.
3. CAULK DOOR JAMBS AND HEADS WHERE GAPS, BETWEEN WALL AND FRAME EXCEEDS 1/16".
4. PROVIDE (3) JAMB AND (1) BASE ANCHOR PER JAMB AT GYP. BOARD PARTITIONS.
5. DOORS SHALL OPERATE FREELY WITHOUT BINDING.
6. FRAME ROUGH OPENINGS AS RECOMMENDED BY METAL STUD MFR. AND DOOR FRAME MFR.
7. PROVIDE ANCHORS AND ACCESSORIES AS REQ'D. FOR CONDITIONS & PER MFR. RECOMMENDATIONS.
8. DOOR FRAMES SHALL BE SECURED RIGIDLY IN PLACE AND BRACED TO FLOOR AND STRUCTURE ABOVE TO PREVENT BREAK OUT TO PARTITIONS.
9. DOORS TO BE LOCATED 6" FROM FACE OF WALL INCLUDING DOOR FRAME U.O.N.
10. ERECT ALL DOOR FRAMES AND ADJACENT WALLS TO CONFORM TO THE APPLICABLE PLAN CONFIGURATION. NOTIFY LITTLE OF ANY CONFLICTS PRIOR TO INSTALLATION OF DOOR FRAMES AND ADJACENT WALLS DURING TRACK LAYOUT.
11. COORDINATE WITH SECURITY SYSTEM. SECURITY RISER DIAGRAM AND FIRE ALARM SYSTEM.
12. DOOR UNDERCUTS SHALL BE KEPT TO A MINIMAL DIMENSION AND SHALL BE UNIFORM THROUGHOUT PROJECT. U.O.N.
13. AT DOORS WITH LOCKING MECHANISMS PROVIDE A PUSH BUTTON LOCK WITH DEPRESSION OF LEVER TO UNLOCK.

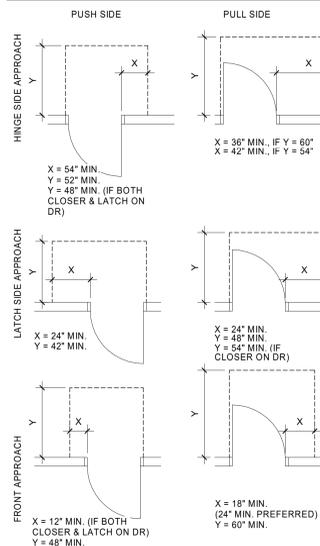
ALTERNATES

- ALTERNATE NO. 1 - DOOR SIDE LITES AND TRANSOMS
a. BASE BID: DOORS SHALL NOT HAVE SIDE LITES AND TRANSOMS
b. ALTERNATE BID: SIDE LITES AND TRANSOMS AT ALL DOORS AS INDICATED ON DOOR SCHEDULE
ALTERNATE NO. 2 - ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
a. BASE BID: NO ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
b. ALTERNATE BID: ACOUSTIC CEILING (APC2) IN BREAK/RESOURCE 210A
ALTERNATE NO. 3 - NEW SINK IN BREAK/WORK ROOM 216
a. BASE BID: NO NEW SINK IN BREAK/WORK ROOM 216
b. ALTERNATE BID: INSTALL SINK AT BREAK/WORK ROOM 216 (SINGLE BOWL TO MATCH RESOURCE AREA). INCLUDE 4" W SINK BASE CABINET IN LIEU OF (2) 24" W CABINETS
ALTERNATE NO. 4 - OWNER PREFERRED ALTERNATE. PROVIDE OWNER PREFERRED CAMPUS STANDARD HARDWARE ALTERNATE AS SPECIFIED IN SECTION 08 71 00 'DOOR HARDWARE' AND AS FOLLOWS:
1. LOCKS AND CYLINDERS: SCHLAGE.
2. EXIT DEVICES: VON DUPRIN.
3. DOOR CLOSERS: LCN.
ALTERNATE NO. 5 - VINYL WALL COVERING (VWC1 AND VWC2) AND VINYL FILM (VF1)
a. BASE BID: NO VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
b. ALTERNATE BID: VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND VINYL FILM (VF1) ON DEMOUNTABLES (DEMOUNTABLES ARE IN FF&E SCOPE)
ALTERNATE NO. 6 - CWT1 BACKSPLASH IN BREAK/WORK ROOM 216
a. BASE BID: NO CWT1 BACKSPLASH IN BREAK/WORK ROOM 216
b. ALTERNATE BID: CWT1 BACKSPLASH IN BREAK/WORK ROOM 216

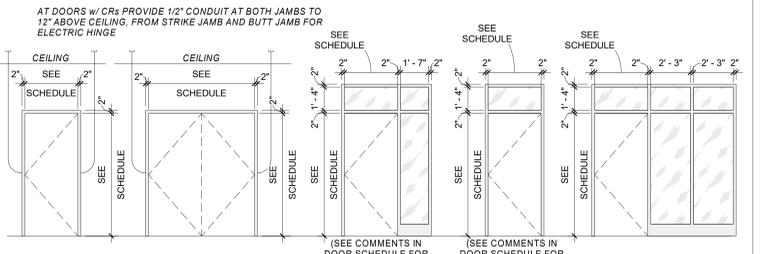
INTERIOR HM FRAME



ADA DOOR CONFIGURATIONS



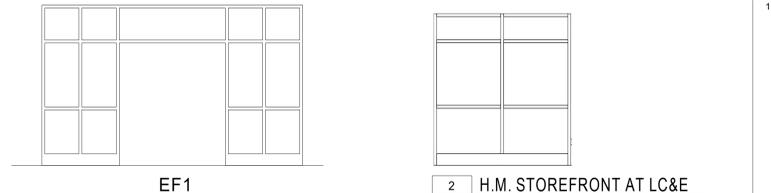
FRAME TYPES



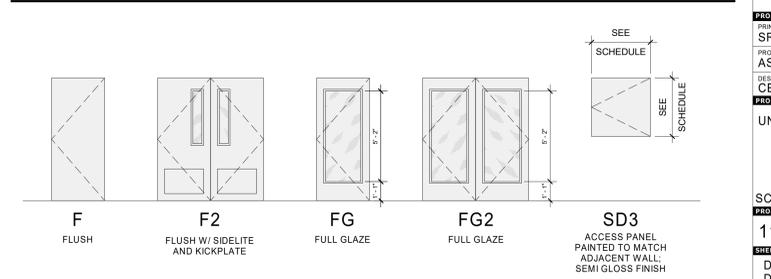
- F1 HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH
F2 HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH
FA1 HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH
FA2 HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH
F3 HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH

F4

- HOLLOW METAL PAINTED TO MATCH ADJACENT WALL; SEMI GLOSS FINISH



DOOR TYPES



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McCracken & Lopez, P.A. Consulting Engineers

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ISSUE FOR BID SET

ISSUE DATE 03/23/20

REVISIONS NO. 1 Reason Addendum 01 Date 04/03/20

PROJECT TEAM: PRINCIPAL IN CHARGE SR, PROJECT MANAGER AS, DESIGN TEAM CE. PROJECT NAME: UNCC-SGO RENOVATIONS

SCO PROJECT #18-18336-01A PROJECT NO. 113-1001-00 SHEET TITLE: DOOR SCHEDULE, DOOR TYPES AND FRAME TYPES

SHEET NUMBER A900

LOAD (KVA)										DESCRIPTION										LOAD (KVA)									
A	B	C	DESCRIPTION			COND (N)	GRND SIZE	WIRE SIZE	BRKR RATG	OCT NO.	OCT NO.	BRKR RATG	WIRE SIZE	GRND SIZE	COND (N)	DESCRIPTION			A	B	C								
1.1			RECEPTACLES	3/4"	12	12	201	1		2	201	12	12	3/4"	RECEPTACLES			0.4											
	0.7		RECEPTACLES	3/4"	12	12	201	3		4	201	12	12	3/4"	RECEPTACLES				0.7										
		0.7	RECEPTACLES	3/4"	12	12	201	5		6	201	12	12	3/4"	RECEPTACLES					1.1									
1.1			RECEPTACLES	3/4"	12	12	201	7		8	201	12	12	3/4"	RECEPTACLES			0.9											
	0.5		RECEPTACLES	3/4"	12	12	201	9		10	201	12	12	3/4"	RECEPTACLES			0.9											
		0.5	RECEPTACLES	3/4"	12	12	201	11		12	201	12	12	3/4"	RECEPTACLES				0.5	0.4									
0.7			RECEPTACLES	3/4"	12	10	201	13		14	201	12	12	3/4"	SPARE			0.0											
	0.7		RECEPTACLES	3/4"	12	12	201	15		16	201	12	12	3/4"	SPARE			0.0											
		0.5	RECEPTACLES	3/4"	12	12	201	17		18	201	12	12	3/4"	SPARE			0.0		0.0									
0.4			RECEPTACLES	3/4"	12	12	201	19		20	201	12	12	3/4"	SPARE			0.0											
	0.0		RECEPTACLES	3/4"	12	12	201	21		22	201	12	12	3/4"	SPARE			0.0		0.0									
		0.5	RECEPTACLES	3/4"	12	12	201	23		24	201	12	12	3/4"	S.O.			0.0		0.0									
0.0			SPARE				201	25		26	201	12	12	3/4"	S.O.			0.0		0.0									
	0.0		SPARE				201	27		28	201	12	12	3/4"	S.O.			0.0		0.0									
		0.0	SPARE				201	29		30	201	12	12	3/4"	S.O.			0.0		0.0									
0.0			S.O.				201	31		32	201	12	12	3/4"	S.O.			0.0		0.0									
	0.0		S.O.				201	33		34	201	12	12	3/4"	S.O.			0.0		0.0									
		0.0	S.O.				201	35		36	201	12	12	3/4"	S.O.			0.0		0.0									
14.5			PANEL 2B	2 1/2"	4	4/0	225/3	37		38	225/3	4/0	4	2 1/2"	PANEL 2C			4.5											
	14.2						SUB	39		40	SUB								2.3										
		12.4					FEED	41		42	FEED									2.9									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 23.5 KVA										LIGHTING										2.4 KVA																			
SUPPLY: 200/220V, 3-PH, 4W										B= 20.1 KVA										HEATING										0.5 KVA																			
MAINS: 400 AMP MAIN CIRCUIT BREAKER										C= 19.0 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.5 KVA									
SCIR: 10,000 AMPERES																				AIR HANDLING & FANS										(100%)										0.0 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										32.5 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
																				PROCESS										(100%)										0.0 KVA									
																				MISCELLANEOUS										(100%)										4.9 KVA									
																														25% OF LARGEST MOTOR										0.0 KVA									
																														TOTAL CONNECTED LOAD										62.6 KVA									
																														TOTAL NEC DEMAND LOAD										26.0 KVA									
																														WORST PHASE (W.D.F.):										132.0 AMPS									
																														DEMAND LOAD CURRENT:										113.1 AMPS									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 14.5 KVA										LIGHTING										0.1 KVA																			
SUPPLY: 200/220V, 3-PH, 4W										B= 15.2 KVA										HEATING AND COOLING										0.0 KVA																			
MAINS: 225 AMP MAIN LUGS ONLY										C= 12.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.0 KVA									
SCIR: 10,000 AMPERES																				AIR HANDLING & FANS										(100%)										0.0 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										26.0 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
																				PROCESS										(100%)										0.0 KVA									
																				MISCELLANEOUS										(100%)										0.1 KVA									
																														25% OF LARGEST MOTOR										0.0 KVA									
																														TOTAL CONNECTED LOAD										42.1 KVA									
																														TOTAL NEC DEMAND LOAD:										26.0 KVA									
																														WORST PHASE (W.D.F.):										79.1 AMPS									
																														DEMAND LOAD CURRENT:										72.6 AMPS									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 38.7 KVA										LIGHTING										35.5 KVA																			
SUPPLY: 480/277V, 3-PH, 4W										B= 33.2 KVA										HEATING										0.5 KVA																			
MAINS: 250 AMP MAIN LUGS ONLY										C= 31.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.5 KVA									
SCIR: 42,000 AMPERES																				AIR HANDLING & FANS										(100%)										8.5 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										32.5 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
																				PROCESS										(100%)										0.0 KVA									
																				MISCELLANEOUS										(100%)										4.9 KVA									
																														25% OF LARGEST MOTOR										0.0 KVA									
																														TOTAL CONNECTED LOAD										104.3 KVA									
																														TOTAL NEC DEMAND LOAD:										90.7 KVA									
																														WORST PHASE (W.D.F.):										127.2 AMPS									
																														DEMAND LOAD CURRENT:										109.1 AMPS									

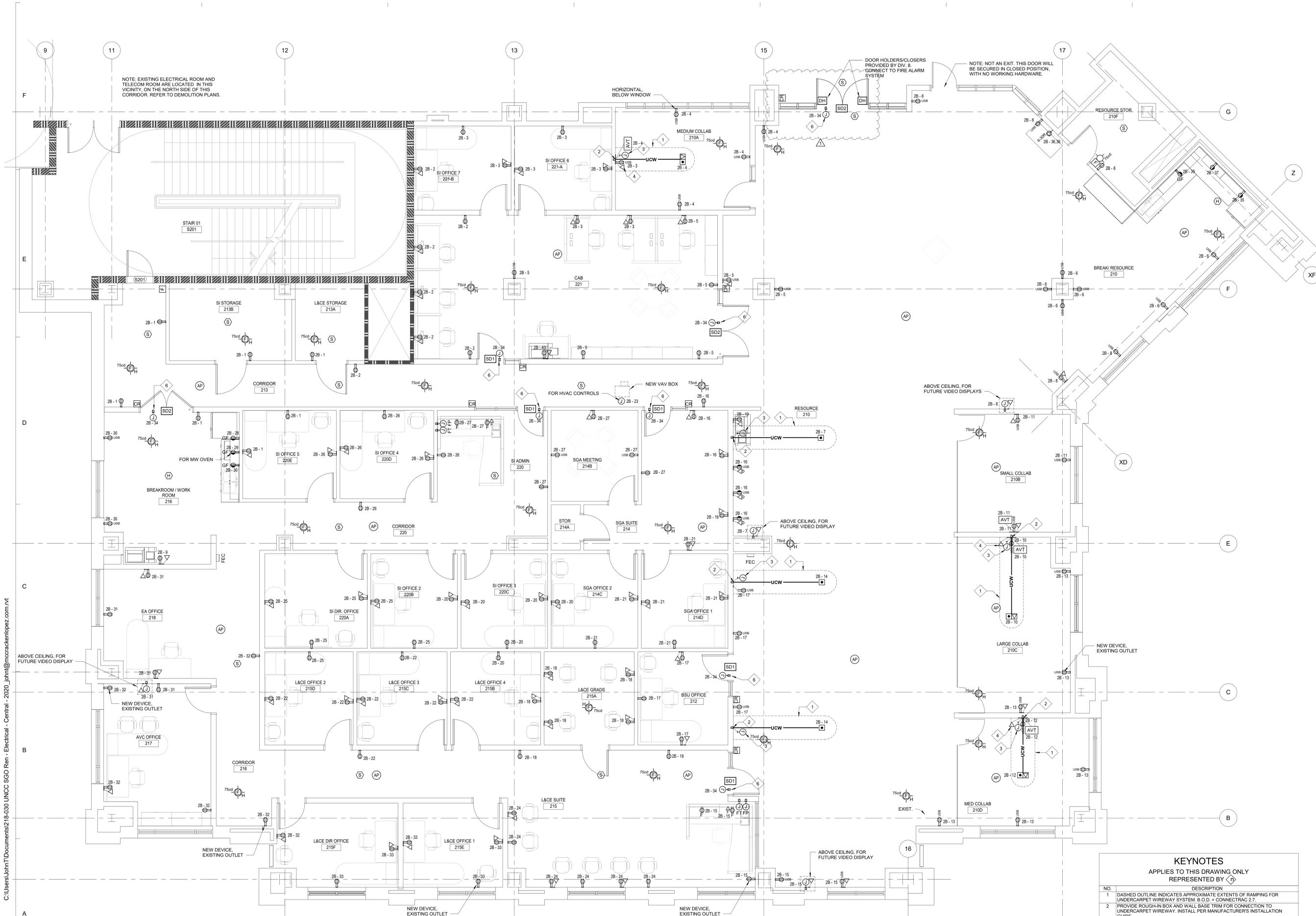
TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 14.5 KVA										LIGHTING										0.1 KVA																			
SUPPLY: 200/220V, 3-PH, 4W										B= 15.2 KVA										HEATING AND COOLING										0.0 KVA																			
MAINS: 225 AMP MAIN LUGS ONLY										C= 12.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.0 KVA									
SCIR: 10,000 AMPERES																				AIR HANDLING & FANS										(100%)										0.0 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										26.0 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
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																				MISCELLANEOUS										(100%)										0.1 KVA									
																														25% OF LARGEST MOTOR										0.0 KVA									
																														TOTAL CONNECTED LOAD										42.1 KVA									
																														TOTAL NEC DEMAND LOAD:										26.0 KVA									
																														WORST PHASE (W.D.F.):										79.1 AMPS									
																														DEMAND LOAD CURRENT:										72.6 AMPS									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 38.7 KVA										LIGHTING										35.5 KVA																			
SUPPLY: 480/277V, 3-PH, 4W										B= 33.2 KVA										HEATING										0.5 KVA																			
MAINS: 250 AMP MAIN LUGS ONLY										C= 31.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.5 KVA									
SCIR: 42,000 AMPERES																				AIR HANDLING & FANS										(100%)										8.5 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										32.5 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
																				PROCESS										(100%)										0.0 KVA									
																				MISCELLANEOUS										(100%)										4.9 KVA									
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																														WORST PHASE (W.D.F.):										127.2 AMPS									
																														DEMAND LOAD CURRENT:										109.1 AMPS									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 14.5 KVA										LIGHTING										0.1 KVA																			
SUPPLY: 200/220V, 3-PH, 4W										B= 15.2 KVA										HEATING AND COOLING										0.0 KVA																			
MAINS: 225 AMP MAIN LUGS ONLY										C= 12.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.0 KVA									
SCIR: 10,000 AMPERES																				AIR HANDLING & FANS										(100%)										0.0 KVA									
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																														TOTAL CONNECTED LOAD										42.1 KVA									
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																														WORST PHASE (W.D.F.):										79.1 AMPS									
																														DEMAND LOAD CURRENT:										72.6 AMPS									

TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 38.7 KVA										LIGHTING										35.5 KVA																			
SUPPLY: 480/277V, 3-PH, 4W										B= 33.2 KVA										HEATING										0.5 KVA																			
MAINS: 250 AMP MAIN LUGS ONLY										C= 31.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.5 KVA									
SCIR: 42,000 AMPERES																				AIR HANDLING & FANS										(100%)										8.5 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										32.5 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									
																				ELEVATORS										(100%)										0.0 KVA									
																				FOOD PROCESSING										(100%)										0.0 KVA									
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TYPE: BRANCH CIRCUIT										GROSS PHASE TOTALS										CONNECTED LOAD										NEC CALCULATED DEMAND LOAD																			
MOUNTING SURFACE										A= 14.5 KVA										LIGHTING										0.1 KVA																			
SUPPLY: 200/220V, 3-PH, 4W										B= 15.2 KVA										HEATING AND COOLING										0.0 KVA																			
MAINS: 225 AMP MAIN LUGS ONLY										C= 12.4 KVA										AC & HEAT PUMPS										(100% - MINUS NIC LOAD)										0.0 KVA									
SCIR: 10,000 AMPERES																				AIR HANDLING & FANS										(100%)										0.0 KVA									
NOTES:																				RECEPTACLES										(1ST 10 KVA + 50% OF REM.)										26.0 KVA									
FOR REFERENCE ONLY. NO WORK REQUIRED.																				ELECTRIC WATER HEATING										(100%)										0.0 KVA									



NOTE: EXISTING ELECTRICAL ROOM AND TELECOM ROOM ARE LOCATED IN THIS VICINITY, ON THE NORTH SIDE OF THIS CORRIDOR. REFER TO DEMOLITION PLANS.

HORIZONTAL BELOW WINDOW

DOOR HOLDERS/CLOSERS PROVIDED BY DIV. 8. CONNECT TO FIRE ALARM SYSTEM

NOTE: NOT AN EXIT. THIS DOOR WILL BE SECURED IN CLOSED POSITION, WITH NO WORKING HARDWARE.

RESOURCE STOR. 210F

BREAK/ RESOURCE 210

ABOVE CEILING, FOR FUTURE VIDEO DISPLAYS

ABOVE CEILING, FOR FUTURE VIDEO DISPLAY

ABOVE CEILING, FOR FUTURE VIDEO DISPLAY

NEW DEVICE, EXISTING OUTLET

NEW DEVICE, EXISTING OUTLET

NEW DEVICE, EXISTING OUTLET

NEW DEVICE, EXISTING OUTLET

ABOVE CEILING, FOR FUTURE VIDEO DISPLAY

**KEYNOTES**  
APPLIES TO THIS DRAWING ONLY  
REPRESENTED BY

NO.	DESCRIPTION
1	DASHED OUTLINE INDICATES APPROXIMATE EXTENTS OF RAMPING FOR UNDERCARPET WIREWAY SYSTEM. B.O.D. = CONNECTRAC 2.7.
2	PROVIDE ROUGH-IN BOX AND WALL BASE TRIM FOR CONNECTION TO UNDERCARPET WIREWAY. INSTALL PER MANUFACTURER'S INSTALLATION GUIDE.
3	SINGLE-GANG JUNCTION BOX WITH BLANK COVER, 6" AFF TO BOTTOM, FOR 120V CONNECTION TO UNDERCARPET WIREWAY SYSTEM.
4	TELECOM OUTLET WITH BLANK COVER, 6" AFF TO BOTTOM, WITH 1 1/4" DIAMETER BUSHED HOLE IN BOTTOM, FOR TELECOM CABLE TO BE RUN IN UNDERCARPET WIREWAY. PROVIDE 1 1/4" EMPTY CONDUIT WITH PULL CORD TO BUSHED STUB-OUT ABOVE LAY-IN CEILING. IF "AVT" OUTLET IS SHOWN AT THIS LOCATION, THE 1 1/4" CONDUIT SHALL CONNECT TO THE AVT OUTLET, THEN CONTINUE TO THE CEILING SPACE.
6	4" X 4" JUNCTION BOX WITH BLANK COVER ABOVE CEILING, FOR 120V POWER TO LOW VOLTAGE POWER SUPPLY SERVING CARD READER AND ELECTRIC LOCK OR STRIKE. LEAVE 12" SLACK CONDUCTORS, ELECTRICALLY AND MECHANICALLY SECURED, COILED IN BOX, FOR USE BY ACCESS CONTROLS INSTALLER.

**1 LEVEL 2 FLOOR PLAN - POWER & SPECIAL SYSTEMS**  
E111 1/4" = 1'-0"

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ISSUE FOR  
**BID SET**

ISSUE DATE  
03/23/2020

REVISIONS NO.	REASON	DATE
1	Addendum 1	04/03/20

PROJECT TEAM  
PRINCIPAL IN CHARGE  
SR  
PROJECT MANAGER  
AS  
DESIGN TEAM  
JCT/GEC  
PROJECT NAME  
**UNCC-SGO RENOVATIONS**

SCO PROJECT #18-18336-01A

PROJECT NO.

**113-1001-00**

SHEET TITLE  
**LEVEL 2 FLOOR PLAN - POWER & SPECIAL SYSTEMS**

SHEET NUMBER  
**E111**

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ABBREVIATIONS

Table with 6 columns: Abbr., Abbreviated Phrase, Abbr., Abbreviated Phrase, Abbr., Abbreviated Phrase. Lists various construction abbreviations like ACT, ADA, AED, AFF, AL, ALT, AMC, APPROX, ARCH, AWC, BBD, BD, BO, BOT, CL, CL, CAB, CC, CIR, CLG, CLOS, CLR, COL, CON, CON, CONST, CONTR, COORD, CPT, CRB, CT, CTR, D, DBL, DEG, DEMO, DET, DTL, DIA, DIM, DR, DS, DWG, DWN, DWR, EA, EL, ELEC, ELEV, EOS, EP, EQ, EQPT, EW, EWC, EXIST, EXP, EXT, FAAP, FBO, FE, FEC, FF, FIN, FLR, FLUOR, FO, FOB, FOG, FOS, FR, FURR, FUT, FWC, FWP, GA, GALV, GB, GC, GL, GR, GRAN, GWB, GYP, HC, HD, HDR, HDW, HGT, HORIZ, HR, HVAC, HWD, IBC, ID, INCL, INSUL, INT, JAN, JT, KIT, KPL, L, LAM, LBL, LCKR, LIN, LT, LVL, LVT, MATL, MAX, MB, MECH, MFR, MIN, MISC, MTD, MTL, MULL, MWK, N, NIC, NO.#, NR, NRC, NTS, OC, OFF, OH, OPNG, PED, PERFORATED, PFB, PFN, PL, PLAM, PLAS, PLWD, PNL, PNT, PR, PT, PTN, QT, RB, RBT, REC, REF, REFR, REM, REQD, RM, RS, SAR, SCW, SECT, SF, SFRM, SHR, SIM, SPEC, SS, SSM, ST, STD, STOR, SUSP, SUSP CLG, SV, SYS, TEMP, TME, TYP, UNO, VB, VCT, VERT, VIF, VIN, VTY, VVC, W, WTD, W/O, WB, WC, WD, WGT, WIN, WTW.

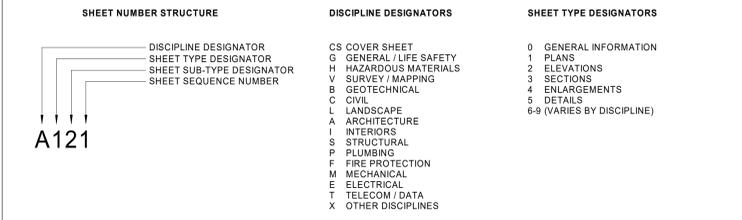
GENERAL NOTES

- 1. WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
2. SEE SHEET A111 FOR PARTITION TYPES.
3. SEE SHEET A300 FOR DOOR TYPES AND DETAILS.
4. PROVIDE CONTROL JOINTS ON GYP BD. ASSEMBLIES PER SPECIFICATIONS AND WHERE SHOWN.
5. EXTEND WALLS TO DECK ABOVE STOREFRONT SYSTEMS AND GLASS WALL PARTITIONS.
6. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 16" MINIMUM IN SEPARATE STUD WALL CAVITIES.
7. WHERE NEW PARTITION ALIGNS WITH THE FACE OF AN EXISTING FURRED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE AND SPACKLE NEW PARTITION TO EXISTING GYPSUM BOARD.
8. ALL EXISTING WALL SURFACES AND PARTITIONS TO REMAIN SHALL BE PATCHED, SPACKLED AND SANDED SMOOTH SO AS NOT TO LEAVE ANY EVIDENCE OF DEMOLITION OR REPAIR WORK. PREPARE SURFACES AS REQUIRED.
9. PROVIDE RECESSED FIRE EXTINGUISHER CABINETS, SMOKE DETECTORS, AND ALL OTHER LIFE SAFETY DEVICES AS REQUIRED BY CODE. PROVIDE DRAWING NUMBER, LOCATION, AND SPECIFICATION OF SUCH DEVICES FOR L&AA REVIEW PRIOR TO FRAMING OF WALLS. DO NOT PLACE IN FIRE RATED PARTITIONS.
10. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH CONTAINS THE GENERAL CONDITIONS, AND THE SPECIFICATIONS), THE DRAWINGS AND ALL ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT.
11. THE CONTRACTOR SHALL REVIEW DOCUMENTS AND VERIFY DIMENSIONS AND FIELD CONDITIONS WHEN APPLICABLE. CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF WORK IN QUESTIONS.
12. CONTRACTOR SHALL COORDINATE WITH TENANT THE SCHEDULE FOR ALL TELEPHONE COMPANY AND DATA INSTALLATIONS.
13. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
14. CONTRACTOR SHALL COORDINATE AND PROVIDE METAL BACKING PLATES OR SOLID WOOD BLOCKING (FIRE TREATED) IN PARTITIONS AND CEILING FOR ALL MILLWORK, WALL AND CEILING ATTACHED ITEMS AS REQUIRED BY EACH SPECIFIC ITEM.
15. ALL WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
16. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, ALL DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT. PARTITION PLAN BY DESIGN INTENT ARCHITECT SUPERSEDES OTHER PLANS.
17. ALL PARTITION TYPES ARE 053B-S, UNLESS OTHERWISE NOTED.
18. ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL FINISHES INCLUDING CARPET, CERAMIC TILE, VCT, ETC.
19. COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR DIMENSIONING. VERIFY EXACT LOCATIONS IN FIELD.
20. PARTITION TYPES ENCLOSING ROOMS AND SPACES SHALL BE CONTINUOUS THROUGHOUT ENTIRE ROOM OR SPACE.
21. PROVIDE ACOUSTICAL CALKING AROUND ALL PERIMETER EDGES AND/OR PENETRATIONS AT SOUND INSULATED WALLS. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 16" MINIMUM IN SEPARATE STUD CAVITIES.
22. WHERE ADJACENT PARTITION TYPES ARE OF DIFFERENT OVERALL THICKNESS, ALIGN FINISHES ON VISIBLE SIDE, AND FURR OPPOSITE SIDE AS REQUIRED FOR A FLUSH INSTALLATION.
23. BRACE ALL CHASE WALLS FROM STUD TO STUD AT 4" OC MIN. VERTICAL AND PER MANUFACTURER'S RECOMMENDATION UNLESS NOTED OTHERWISE.
24. PROVIDE STEEL STUD GAUGES AND/OR DIAGONAL BRACING AT TOPS OF WALLS PER MANUFACTURER'S RECOMMENDATIONS FOR WALL TYPE, HEIGHT, AND USE BASED ON L240 LIMITING HEIGHTS.
25. PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR WALLS EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.

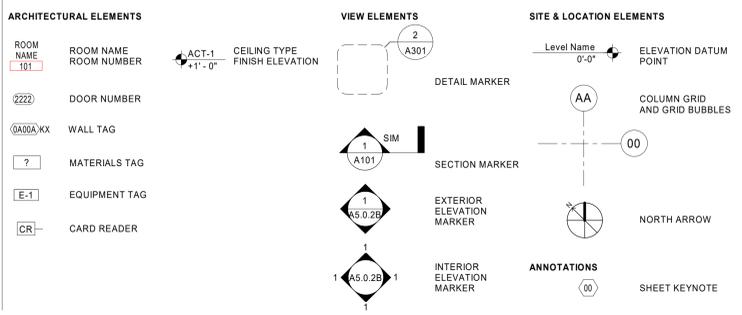
LIST OF DRAWING SHEETS

Table with 5 columns: Sheet Number, Sheet Name, Current Revision, Sheet Number, Sheet Name, Current Revision. Lists sheets such as 00 - COVERSHEET, 01 - GENERAL / LIFE SAFETY, 04 - ARCHITECTURE, 07 - PLUMBING, 08 - FIRE PROTECTION, 011 - ELECTRICAL.

SHEET NUMBERING LEGEND



SYMBOLS



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ISSUE FOR BID SET

ISSUE DATE 03/23/20

REVISIONS NO. REASON DATE

1 Addendum 01 04/03/20

PROJECT TEAM
PRINCIPAL IN CHARGE SR
PROJECT MANAGER AS
DESIGN TEAM CE

PROJECT NAME UNCC-SGO RENOVATIONS

SCO PROJECT #18-18336-01A

PROJECT NO. 113-1001-00

SHEET TITLE GENERAL INFORMATION AND SHEET INDEX

SHEET NUMBER G001

