

Addendum

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

Addendum:

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.

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
- 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
- DOOR SCHEDULE, DOOR TYPES AND FRAME TYPES 4. A900
- **ELECTRICAL SCHEDULES AND DETAILS** 5. E003
- 6. E111 LEVEL 2 FLOOR PLAN POWER AND SPECIAL SYSTEMS
- 7. G001 GENERAL INFORMATION AND SHEET INDEX
- 8. G111 LIFE SAFETY PLAN LEVEL 02

END OF ADDENDUM



Meeting Minutes

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

Attendees:

David McConnell – Barnhill (dmcconell@barnhillcontracting.com)

David McDaniel – Digitrol, Inc. (david.mcdaniel@digitrolinc.com)

Kwesi Nichols – Nichols Builders (support@nicholscustombuildersanddesign.com)

Jason Mitchell – I. L. Long Construction (jmitchell@illong.com)

Trip McCrimmon – Liles Construction (tmccrimmon@lilesconstruction.com)

Chris Spicer – Hendrick construction (cspicer@hendricconstruction.com)

Curtis Wise – Liles Construction (cwise@lilesconstruction.com)

Hugo Avila – Liles Construction (havila@lilesconstruction.com)

Harrison Agbozo - Walter B. Davis Co. (hagbozo@wbdavisco.com)

Tim Marsh – Shiel Sexton (tmarsh@shielsexton.com)

Pat McCoy – Encompass Building Group (patm@encompassbuilding.com)

Brian Meachum – Momentum Construction (bmeachum@mvmomentum.com)

Deanna Hatterbach - Catalyst Construction (deanna@catalystcci.com)

Mike Hill – Edison Foard (mhill@edisonfoard.com)

Mark Fasser – Heartland Contracting (mfasser@heartlandnc.com)

Ben Stickney – Elford (bstickney@elford.com)

Brian Roddey - Digitrol Inc. (brian.roddey@digitrolinc.com)

Don Steen – Elford (dsteen@elford.com)

Brandon Beaver – PSI (bbeaver@placeservicesinc.com)

Wesley Carlton – Edison Foard (wcarlton@edisonfoard.com)

Justin Nicholson – Carolina CI (jnicholson@carolinaci.com)

Lewis Herman – Wilkie Construction (lewis@wilkie-const.com)

Chris Hoover – WC Construction (chrish@wc.constructionco.com)

Amanda Caudle – UNCC (aeflock@uncc.edu)

John Neilson – UNCC (jneilson@uncc.edu)

Jeanine Bachtel - UNCC (jbachtel@uncc.edu)

Lisa Lanier – UNCC (llanier@uncc.edu)

Karen Shaffer – UNCC (karenshaffer@uncc.edu)

Morgan Meehan – UNCC (morgan.meehan@uncc.edu)

Josh Brown – UNCC (jbrow450@uncc.edu)

Adam Burdon – UNCC (adamburden@uncc.edu)

Mindy Sides-Walsh - UNCC (mswalsh@uncc.edu)

Dorothy Vick – UNCC (dvick@uncc.edu)

Bronald Johnson - Little (bronald.johnson@littleonline.com)

Crystal Howard – Little (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)

Meeting Minutes:

1. Introduction: Design Team/Owner

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.

Bid Opening: Tuesday, April 21, 2020 - Bids should be delivered no later than 1:30 PM.

NOTE: BID SUBMITTAL PROCEDURES DURING COVID-19 CRISIS Bid Procedures:

> 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 us 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.

Bid Forms: Form of Proposal – form in Project Manual

Alternates

- 1. Door Side Lites and Transoms
- Acoustic Ceiling in Breakroom 210A
- New Sink in Break/Work Room 216
- Door Hardware Owner Preferred Alternate
 - a. Locks and Cylinders Schlage
 - b. Exit Devices Von Duprin
 - c. Door Closers LCN
- 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

8. Liquid. Damages: \$100 per calendar day.

There have been no addenda issued to date. Addendum #1 will be issued following this 9. Addenda:

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 and Crystal Howard -

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
- 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%).

<u>Identification of HUB Certified/Minority Business Participation form</u> – 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.

<u>Affidavit A – Listing of Good Faith Efforts</u> – 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:

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 cashflow 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.

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

<u>Affidavit D – Good Faith Efforts</u> – 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 divick@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 us 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 Con tractor 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 <u>non-mandatory</u> 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. Office phone (704) 561-3453 or Mobile phone (704) 562-6323, by 5:00 p.m. Tuesday, March 31, 2020 with the following information —

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, <u>Little Diversified Architectural Consulting, Inc.</u> – <u>Shannon Rydell – shannon.rydell@littleonline.com</u>.

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:

- Construct Connect at <u>content@constructconnect.com</u>, (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).
- 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, (877) 526-6205

NOTE: The bidder shall include <u>with the bid proposal</u> the form *Identification of Minority Business Participation* identifying the minority business participation it will use on the project <u>and</u> 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).

<u>NOTE</u>--SINGLE PRIME CONTRACTS: Under GS 87-1, a contractor that superintends <u>or</u> <u>manages</u> 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 <u>single prime</u>, 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. <u>GS87-1.1-</u> 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	Contract:
Universite of NC at Charlotte	Bidder:
SCO #18-18336-01A	Date:
principals is or are named herein and that no other person contract to be entered into; that this proposal is made without bid or proposal; and that it is in all respects fair and in good he has examined the site of the work and the contract documprior to the opening of bids; that he has satisfied himself re-	y person or persons interested in this proposal as principal or than herein mentioned has any interest in this proposal or in the at connection with any other person, company or parties making a faith without collusion or fraud. The bidder further declares that tents relative thereto, and has read all special provisions furnished elative to the work to be performed. The bidder further declares MCGS 64, Article 2 in regards to E-Verification as required by n. Stat. § 143-129(j).
Carolina through the University of North Carolina furnish all necessary materials, equipment, mach labor necessary to complete the construction of complete accordance with the plans, specificati satisfaction of the State of North Carolina, and Li	sal is accepted to contract with the State of North at Charlotte in the form of contract specified below, to ninery, tools, apparatus, means of transportation and the Student Government Office Renovations in full in ions and contract documents, to the full and entire ttle Diversified Architectural Consulting with a definite for extra work except as set forth in the General um of:
SINGLE PRIME CONTRACT:	
Base Bid:	Dollars(\$)
General Subcontractor:	Plumbing Subcontractor:
Lic	Lic
Mechanical Subcontractor:	Electrical Subcontractor:
Lic	Lic
accepted shall not substitute any person as subcontractor in the p subcontractor's bid is later determined by the contractor to be non-i	contractors for the above subdivisions of work. A contractor whose bid is place of the subcontractor listed in the original bid, except (i) if the listed responsible or non-responsive or the listed subcontractor refuses to enter with the approval of the awarding authority for good cause shown by the

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

SCO-Proposal Form 2013 1 of 3

(Add) (Deduct)		Dollars(\$)
Alternate No. 2	Acoustic Ceilings (APC2)	
(Add) (Deduct)		Dollars(\$)
Alternate No. 3	New Sink in Breakroom	
(Add) (Deduct)		Dollars(\$)
Alternate No. 4	Owner Preferred Campus Standard Hardware	
(Add) (Deduct)		Dollars(\$)
Alternate No. 5	Vinyl Wall Covering (VWC1 and VWC2)	
(Add) (Deduct)		Dollars(\$)
Alternate No. 6	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

<u>Provide with the bid</u> - Under GS 143-128.2(c) the undersigned bidder shall identify <u>on its bid</u> (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. <u>Also</u> 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 <u>own workforce</u> 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.

<u>After the bid opening</u> - 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 <u>equal to or more than the 10% goal</u> 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 <u>with their bid</u> the Identification of Minority Business Participation Form listing all MB contractors, <u>vendors and suppliers</u> 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.

SCO-Proposal Form 2013 2 of 3

Proposal Signature Page

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 c	orporation making bid)
WITNESS:	By:
(Proprietorship or Partnership)	Name: Print or type
	Title(Owner/Partner/Pres./V.Pres)
	Address
ATTEST:	
By:	License No
Title:(Corp. Sec. or Asst. Sec. only)	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

SCO-Proposal Form 2013 3 of 3



Identification of HUB Certified/ Minority Business Participation

m Name, Address and Phone #	Work Type	*Minority Category	**HUB Certified (Y/N)

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

The total value of minority business contracting will be (\$)_______

Attach to Bid Attach to Bid

State of North Carolina AFFIDAVIT A - Listing of Good Faith Efforts

Co	unty of
	(Name of Bidder)
Af	fidavit ofI have made a good faith effort to comply under the following areas checked:
Bio	dders must earn at least 50 points from the good faith efforts listed for their bid to be
	nsidered 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 – $(20\ \mathbf{pts})$ 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.
lde exe	e undersigned, if apparent low bidder, will enter into a formal agreement with the firms listed in the ntification of Minority Business Participation schedule conditional upon scope of contract to be ecuted with the Owner. Substitution of contractors must be in accordance with GS143-128.2(d) lure to abide by this statutory provision will constitute a breach of the contract.
	e undersigned hereby certifies that he or she has read the terms of the minority business nmitment and is authorized to bind the bidder to the commitment herein set forth.
Da	te:Name of Authorized Officer:
	Signature:
	Title:
	State of, County of Subscribed and sworn to before me thisday of20
	My commission expires

Attach to Bid Attach to Bid

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

County of			with <u>Ow</u>	ii Workiorce.
Affidavit of				
Allidavit oi	(Na	me of Bidder)		
I hereby certify that it is our inte	ent to perform 100	0% of the worl	k required for the	
				contract
(N	lame of Project)			contract.
In making this certification, the of this type project, and normall elements of the work on this pro	ly performs and h	nas the capab	ility to perform an	
The Bidder agrees to provide a support of the above statement suppliers where possible.				
The undersigned hereby certific Bidder to the commitments here		has read this	certification and i	s authorized to bind the
Date:Name of Au	uthorized Officer:			
	Oignataro.			
SEAL	Title	:		
State of	, County of			_
State ofSubscribed and sworn to before m	e this	day of	20	-
Notary Public				

My commission expires_____

State of North	Carolina - A	AFFIDAV	IT C - I		
Performed by H County of	Certifiea/i	williority B	usinesse	:5	
(Note this form is to		ly by the app	parent lowe	st responsible, res	ponsive bidder.)
If the portion of the w 128.2(g) and 128.4(a bidder must complete This affidavit shall be after notification of be),(b),(e) is <u>equal to</u> this affidavit. provided by the ap	or greater th	<u>an 10%</u> of th	ne bidders total cont	ract price, then the
Affidavit of				I do hereb	y certify that on the
	(Na	me of Bidder)			
D : 11D#	(Project	Name)			
Project ID#		<i>F</i>	Amount of Bi	d \$	
I will expend a minim enterprises. Minority or providers of profebelow.	businesses will bessional services. Attach addit	e employed Such work tional sheets if re	as construct will be subc equired	on subcontractors, contracted to the fo	vendors, suppliers illowing firms listed
Name and Phone Nu	mber	*Minority Category	**HUB Certified Y/N	Work Description	Dollar Value
*Minority categories: BI ** HUB Certification w	Female (F) Soc	ially and Econ	omically Disa	dvantaged (D)	
Pursuant to GS143-1 work listed in this sc this commitment may	hedule conditional	upon execu	tion of a cor		
The undersigned here authorized to bind the				ns of this commitme	ent and is
Date:N	ame of Authorized	Officer:			
	Si	gnature:			
SEAL					
	State of		County of		
	Subscribed and sw Notary Public	orn to before r	ne this	day of20_	

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 HI provide the following documentation		•		, the Bidder shall
Affidavit of	(Name of Bidd	er)	l do here	by certify that on the
Project ID#	ject Name)	Amount o	of Bid \$	
I will expend a minimum of minority business enterprises. Mino vendors, suppliers or providers of profollowing firms listed below. (Attach a	rity business ofessional se	es will be en ervices. Suc	nployed as constructio	n subcontractors,
Name and Phone Number	*Minority Category	**HUB Certified Y/N	Work Description	Dollar Value

Examples of documentation that <u>may</u> 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.

^{*}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.

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:_		
SEAL	State of Subscribed and sworn to before Notary Public	me thisday of	
	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.
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)
(SFAL)

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

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		PΕ
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		PΕ
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
	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

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April 3, 2020 Addendum No. 1

University of North Carolina at Charlotte Student Government Office Renovations Contract Documents

113-10010-00 SCO ID# 18-18336-01A

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		PΕ

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

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113-10010-00 SCO ID# 18-18336-01A

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		ОТ
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.

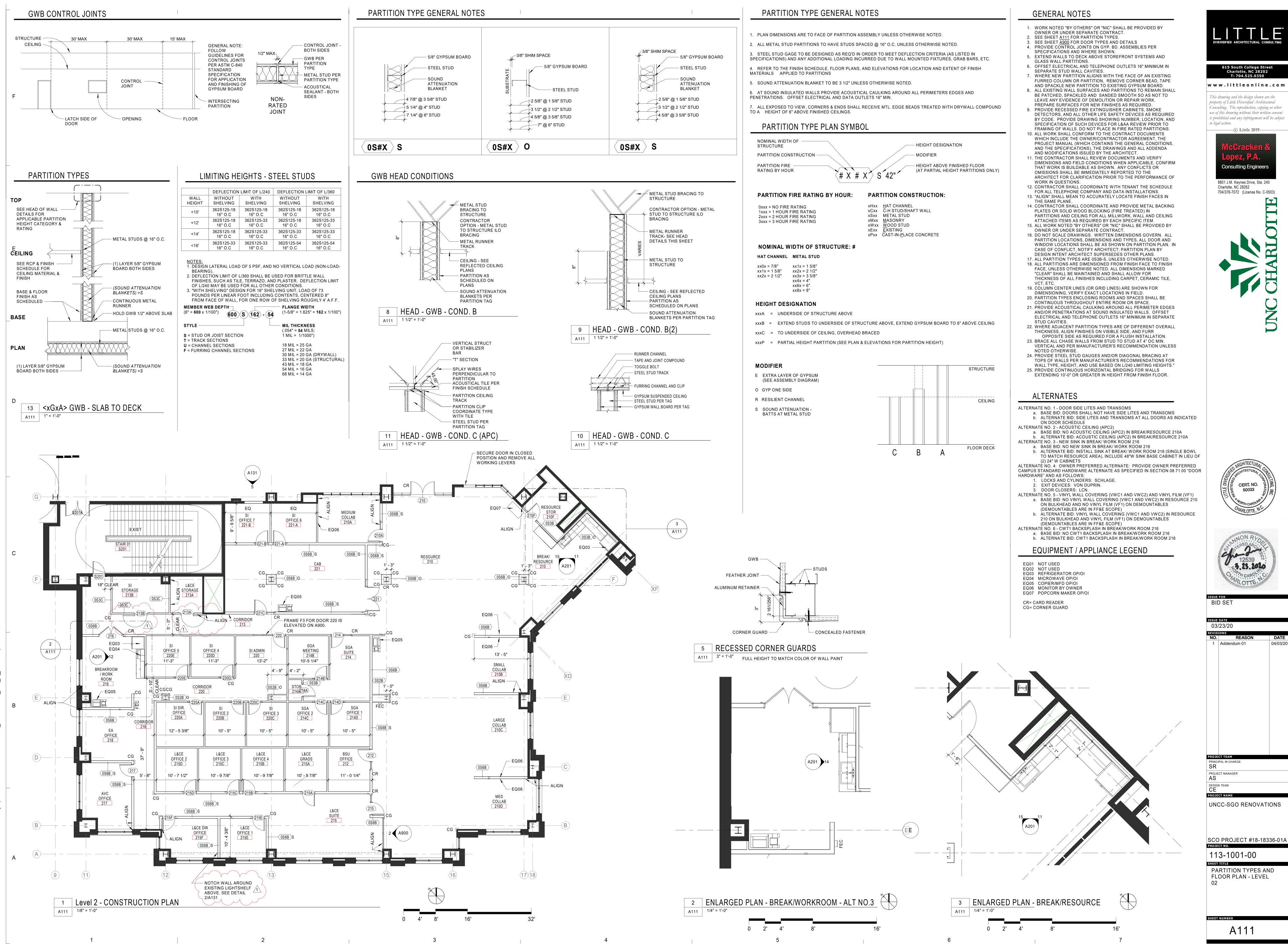
NOTE: ELECTRONIC HOLDER/CLOSER TO BE TIED INTO FIRE ALARM SYSTEM.

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

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615 South College Street Charlotte, NC 28202

www.littleonline.com

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8801 J.M. Keynes Drive, Ste. 240

Charlotte, NC 28262 704/376-7072 (License No. C-0503)

CERT. NO.



BID SET

1 Addendum 01

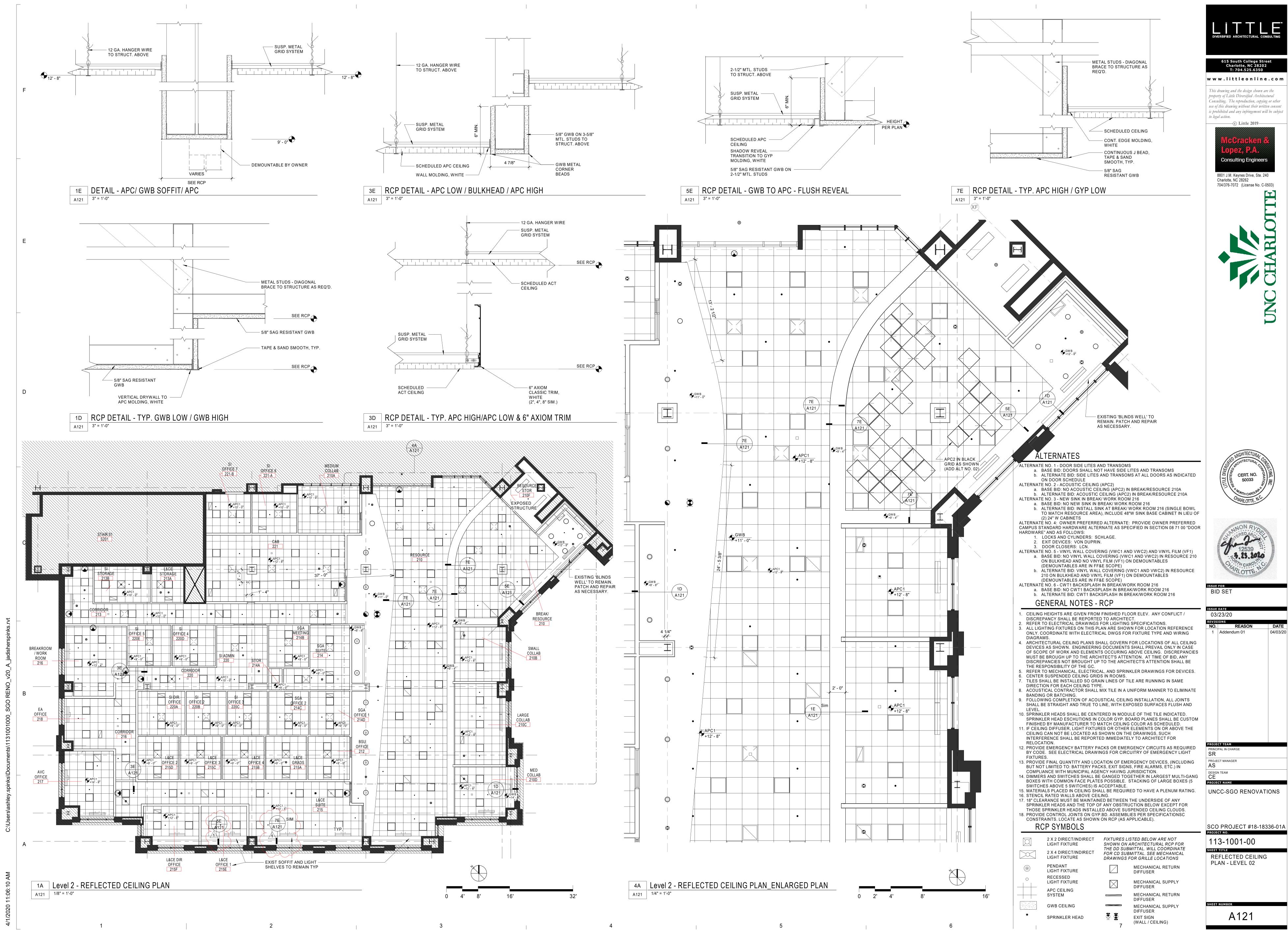
PRINCIPAL IN CHARGE

UNCC-SGO RENOVATIONS

113-1001-00

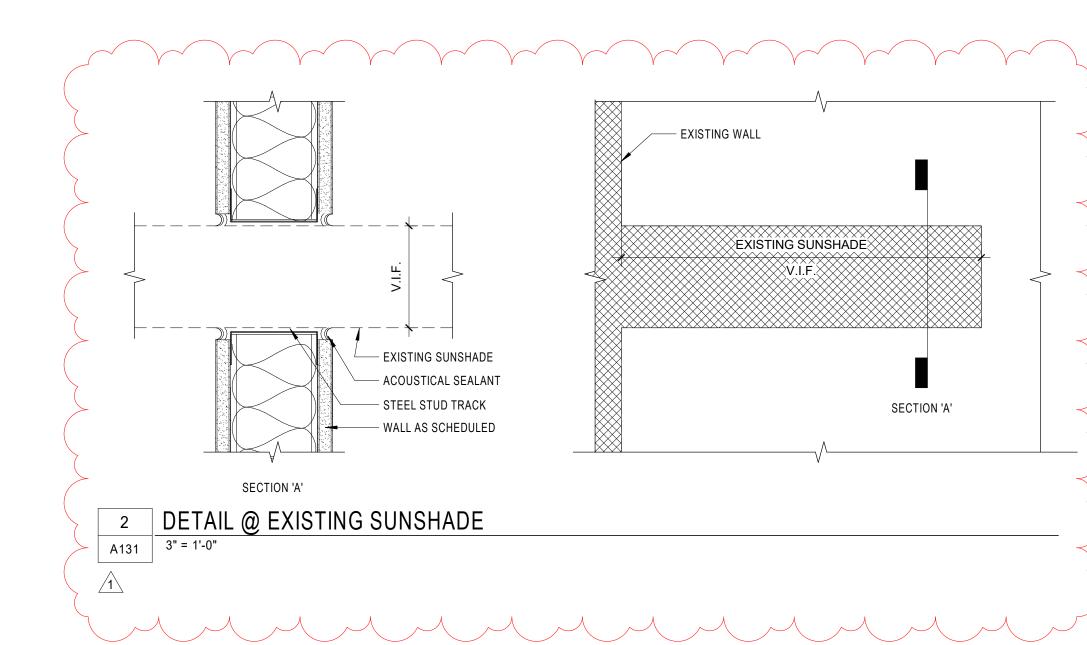
PARTITION TYPES AND FLOOR PLAN - LEVEL

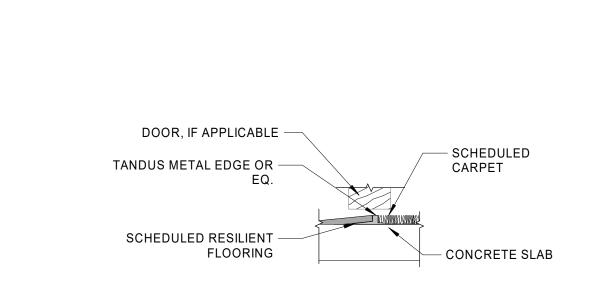
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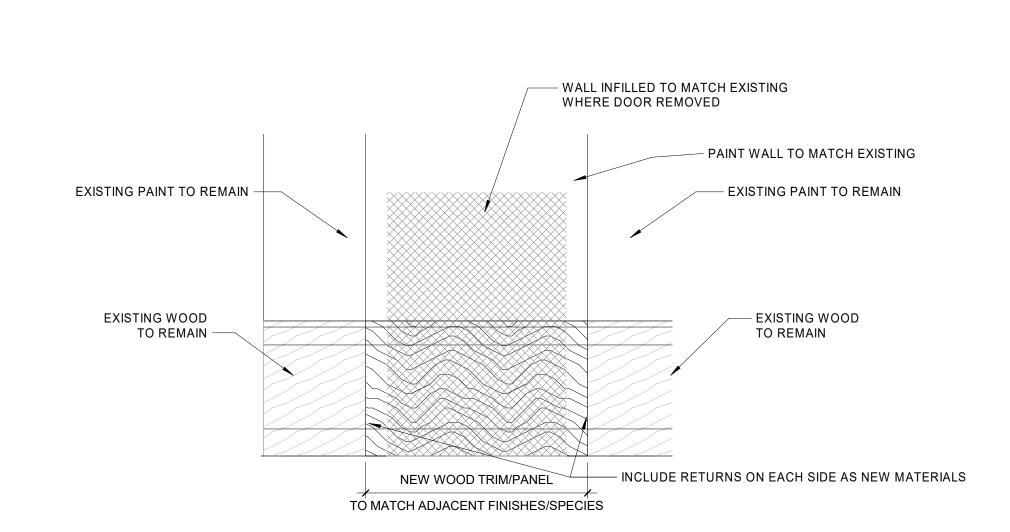




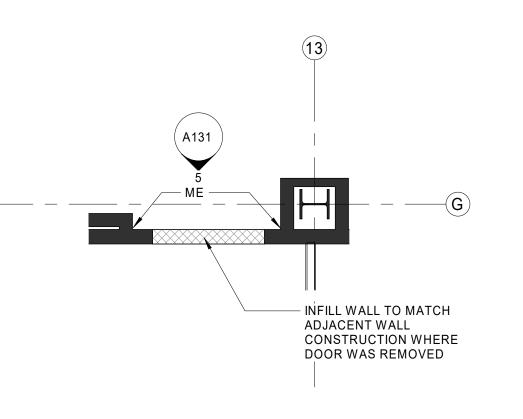




3 FLOOR TRANSITION - CARPET TO RESILIENT TILE A131 3" = 1'-0" NOTE: USE WHEN LVT IS NOT 5MM; OTHERWISE, NO TRANSITION REQUIRED



5 ELEVATION CORRIDOR A131 3/8" = 1'-0"



4 ENLARGED CORRIDOR PLAN A131 1/4" = 1'-0"

		BASIS OF DESIGN
KEY	MANUFACTURER	MODEL NUMBER
1501		
APC1	USG	MARS 2' X 2' X 3/4" 88185; 15/16" WHITE GRID
APC3	TURF DESIGN	SLICE B2 GREEN14 ; FELT WITH BLACK 360 PAINTED 15/16" GRID
CG1	RE-USE EXISTING/ NEW TO MATCH	FULL HEIGHT; PAINT TO MATCH ADJACENT WALL
CPT1	MILLIKEN	EDGE LIT; CUSTOM; ASHLAR
CPT2	MILLIKEN	EDGE LIT;CUSTOM; ASHLAR
CPT3	MILLIKEN	EDGE LIT; CUSTOM, ASHLAR
CWT1	DALTILE	0115 EMERALD
LVT1	INTERFACE	BRUSHED LINES, GRAPHITE
P1	SHERWIN WILLIAMS	SW7065 ARGOS
P2	TBD	DEEP TINT ACCENT
P3	TBD	DEEP TINT ACCENT
PL1	FORMICA	WHITE 945-MC, MICRO DOT
PL2	WILSONART	FUSION MAPLE 7909-60
RB1	ROPPE	123 CHARCOAL
SDS1	WILSONART	GREY LACE 9224SS
SDS2	LG HAUSYS HI MACS	TBD
VF1	NATIONAL	LEVEL DIGITAL; FROSTED FILM TO MATCH VWC1 PATTERN (ADD ALTERNATE 05)
VWC1	NATIONAL	LEVEL DIGITAL WALLCOVERING; HIGH TIDE SALSA BASIS OF DESIGN- RECOLORED (ADD ALTERNATE 05)
VWC2	NATIONAL	LEVEL DIGITAL WALLCOVERING; WORD PLAY BUBBLE CORNFLOWER BASIS OF DESIGN - RECOLORED (ADD ALTERNATE 05)
WD1	TBD	MATCH EXISTING SPECIES AND STAIN; SUBMIT SAMPLES FOR APPROVAL
WDB1	MILLWORKER	MATCH EXISTING SPECIES AND STAIN AND SIZE; SUBMIT SAMPLES FOR APPROVA

FINISH ABBREVIATIONS

MARK	MATERIAL
APC	ACOUSTIC PANEL CEILING
AWP	ACOUSTIC WALL PANEL
CPT	CARPET TILE
CUR	CURTAIN
CWT	CERAMIC WALL TILE
EP	EXPOY PAINT
ES	EXPOSED STRUCTURE
FRP	FIBERGLASS REINFORCED PANE
LVT	LUXURY VINYL TILE
MTH	MARBLE THRESHOLD
Р	PAINT
PFT	PORCELAIN FLOOR TILE
PL	PLASTIC LAMINATE
PTB	PORCELAIN TILE BASE
PWT	PORCELAIN WALL TILE
RB	RESILIENT BASE
RSF	RESILIENT SHEET FLOOR
SCONC	SEALED CONCRETE
SDS	SOLID SURFACE
STCONC	STAINED CONCRETE
TP	TOILET PARTITION
VWC	VINYL WALLCOVERING
WD	WOOD DOOR
WDB	WOOD BASE
WDC	WOOD CEILING
WDS	WOOD SCREEN
WO	WALK OFF CARPET
WT	WINDOW TREATMENT

GENERAL NOTES - FINISHES

- A. CONTRACTOR SHALL PROVIDE ALL INTERIOR FINISHES AS SPECIFIED HEREIN. LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING SHALL BE NOTIFIED OF ANY DISCREPANCIES OR OMISSIONS PRIOR TO
- PROCEEDING WITH WORK. B. ALL INTERIOR FINISHES SHALL HAVE A CLASS A FLAME SPREAD C. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF HIS MEASUREMENTS AND TOTAL YARDAGE REQUIREMENTS TO BE FURNISHED. NO REQUESTS FOR MATERIALS OR INSTALLATION EXTRAS WILL BE CONSIDERED DUE TO MEASUREMENT OR TAKEOFF ERRORS BY CONTRACTOR. REFER TO ARCH. PLAN A101 FOR ALL
- DIMENSIONS. D. VARIATIONS IN FLOOR LEVEL IN EXCESS OF 1" FOR EVERY 10'-0" SHALL BE LEVELED BY CONTRACTOR. LEVELING SHALL BE COMPLETED WITH FLOOR READY TO RECEIVE NEW FINISHES AS SPECIFIED. CONTRACTOR SHALL VERIFY SLAB CONDITION PRIOR TO BID SUBMISSION.
- E. ALL MISCELLANEOUS GRILLES, PLATES, OR OTHER DEVICES SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH THEY ARE
- F. UNLESS OTHERWISE NOTED PROVIDE MINIMUM 3-COAT PAINT SYSTEMS AS SPECIFIED FOR EACH SUBSTRATE; REFER TO FINISH PLAN FOR COLORS AND SHEENS. G. ALL NEW AND EXISTING FINISHES SCHEDULED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED BY CONTRACTOR INVOLVED AT HIS COST WITH NO COST

ITEMS REMOVED, COLUMNS, SOFFITS, ETC. TO BE READY FOR PAINT.

TO OWNER. H. CLEAN HVAC DIFFUSERS, DRAPERY POCKETS, FIRE EXTINGUISHER CABINET, AND SPEAKER GRILLS. DO NOT PAINT EQUIPMENT, UNLESS OTHERWISE NOTED. I. PATCH & SAND ALL EXISTING WALLS THAT WERE DAMAGED OR HAD

ROOM TAG LEGEND

Room name	
Wall Finish	
Base Finish	
Floor Finish	
This is a sample comment	

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
 - 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
- ALTERNATÈ 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. 2. EXIT DEVICES: VON DUPRIN.

ALTERNATE NO. 3 - NEW SINK IN BREAK/ WORK ROOM 216

- 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

615 South College Street Charlotte, NC 28202 T: 704.525.6350

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BID SET

1 Addendum 01

PRINCIPAL IN CHARGE

PROJECT MANAGER

UNCC-SGO RENOVATIONS

SCO PROJECT #18-18336-01A 113-1001-00

FINISH FLOOR PLAN

MEDIUM

COLLAB

210A

CPT2

SI OFFICE 7 SI OFFICE 6

CPT1

SI ADMIN

− P1

RB1

CPT1

CPT3

SI OFFICE 3

RB1

CPT1

OFFICE 4

CPT1

EXISTING FINISHES TO REMAIN

BREAKROOM

RB1

LVT1

EA OFFICE

CPT1

1 Level 2 - FINISH PLAN

A131 1/8" = 1'-0"

RELOCATED

MAILBOXES

SISTORAGE

RB1

SCONC

STORAGE

SCONC

SI OFFICE 4

RB1

CPT1

SI OFFICE 2

220B

RB1

L&CE OFFICE 3

CPT1

OFFICE 1

CPT1

CORRIDOR

SI OFFICE 5

CPT1

OFFICE

RB1

CPT1

OFFICE 2

CPT1

L&CE DIR

221-A

CPT1

MEETING

214B

RB1

CPT1/

SGA OFFICE

214C

RB1

CPT1

GRADS

215A

LCPT1

SGA SUITE

RB1

CPT1

CPT3

SGA OFFICE

214D

RB1

CPT1

BSU OFFICE

CPT1

CPT1-

[⊥]VWC1

-SOFFIT -

(ALT 05)

RESOURCE

210

RB1 CPT1,3

VWC2 \square ON \square SOFFIT -

(ALT 05)

BREAK

RESOURCE

PL1,SDS

COLLAB

210B

RB1

CPT2

COLLAB

210C

RB1

CPT2

210D

RB1

CPT2

A131

	l	
		Doo
OOR) E DOOR) E DOOR)		
		5
		Existing

DOOR HARDWARE SETS

HARDWARE SETS

- <u>HW SET # 1.0</u>
- Hinge TA2714US26D MK 1 Storeroom LockND80 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
- 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) 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 626 SC 1 Cylinder AS REQUIRED/MATCH EXISTING 626 SC
- 1 Electric Strike 8300-LBM 630 HS 1 SMART Pac Bridge Rectifier 2005M3 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)
- 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 TA2714US26D 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
- Storeroom LockND80 P D RHO x TEMP CYL 626 S Cylinder AS REQUIRED/MATCH EXISTING 626 SC Electric Strike 8300-LBM 630 HS
- 1 SMART Pac Bridge Rectifier 2005M3 1 Coordinator 2600 x FILLER BAR x MTG BRKTSBlack 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.

- Hinge TA2714US26D 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
- <u>HW SET # 5.0</u>
- Hinge TA2714US26D 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 <u>HW SET # 6.0</u>
- Hinge TA2714US26D MK 1 Storeroom LockND80 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
- <u>HW SET # 6.1</u>
- Hinge TA2714US26D MK 1 Storeroom LockND80 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
- <u>HW SET # 7.0</u>
- Hinge T4A3786 US26D MK
- 1 Storeroom LockND80 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.

- 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.
- 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 626 SC 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 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

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

MANUFACTURERS ABBREVIATIONS:

- 2. RO Rockwood 3. SC - Schlage 4. HS - HES
- 5. LC LCN Closers 6. PE - Pemko
- 8. SU Securitron
- 7. OT OTHER 9. VD - Von Duprin END OF SECTION 080671

DOOR SCHEDULE EXISTING TO EXISTING EXISTING EXISTING EXISTING EXISTING EXISTING (EXISTING) EXISTING TO EXISTING 1 HR **EXISTING** EXISTING EXISTING **EXISTING** EXISTING EXISTING EXISTING REMAIN (EXISTING) EXISTING EXISTING EXISTING EXISTING (EF1) EXISTING NEW DOOR IN EXISTING FRAME ON HOLD OPENS; CARD READER ACCESS; PANIC HARDWARE 1 3/4" WOOD 1 3/4" ∖FA1 FRAME FA1 IS BASE BID FOR THIS DOOR WOOD 210C 1 3/4" DEMOUNTABLE TBD DOOR MAY BECOME PART OF THE FF&E BUDGET, SINCE THEY ARE IN THE DEMOUNTABLE PARTITION THAT IS ACCOUNTED FOR IN 210D 1 3/4" DEMOUNTABLE | TBD DOOR MAY BECOME PART OF THE FF&E BUDGET, SINCE THEY ARE IN THE DEMOUNTABLE PARTITION THAT IS ACCOUNTED FOR IN WOOD 210E DEMOUNTABLE | TBD DOOR MAY BECOME PART OF THE FF&E BUDGET, SINCE THEY ARE IN THE DEMOUNTABLE PARTITION THAT IS ACCOUNTED FOR IN 1 3/4" THE FF&E BUDGET 1 3/4" WOOD FRAME FA1 IS BASE BID FOR THIS DOOR 1 3/4" WOOD 213A 1 3/4" 213B 1 3/4" FRAME FA1 IS BASE BID FOR THIS DOOR 1 3/4" 214A 1 3/4" WOOD 214B 1 3/4" WOOD ALTERNATE 1 1 3/4" ALTERNATE 1 WOOD 1 3/4" WOOD ALTERNATE 1 1 3/4" WOOD FRAME FA1 IS BASE BID FOR THIS DOOR 215A WOOD ALTERNATE 1 1 3/4" STN 215B 1 3/4" WOOD ALTERNATE 1 215C 1 3/4" WOOD ALTERNATE 1 ALTERNATE 1 1 3/4" WOOD ALTERNATE 1 1 3/4" WOOD 215F **ALTERNATE 1** 1 3/4" WOOD 1 3/4" WOOD 1 3/4" WOOD **ALTERNATE 1** 220 1 3/4" WOOD 220A 1 3/4" WOOD ALTERNATE 1 STN 220B 1 3/4" WOOD ALTERNATE 1 1 3/4" WOOD ALTERNATE 1 220D ALTERNATE 1 1 3/4" WOOD 220E WOOD ALTERNATE 1 1 3/4" 1 3/4" WOOD 221-A 1 3/4" WOOD STN ALTERNATE 1 221-B 1 3/4" ALTERNATE 1 WOOD STN 221C FRAME FA1 IS BASE BID FOR THIS DOOR 1 3/4" WOOD

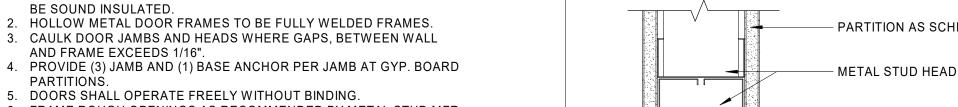
GENERAL NOTES - DOORS

New Construction: 33

- 1. CAULK DOOR JAMBS AND HEADS AT DOORS LOCATED IN WALLS TO BE SOUND INSULATED.
- 3. CAULK DOOR JAMBS AND HEADS WHERE GAPS, BETWEEN WALL AND FRAME EXCEEDS 1/16".
- PARTITIONS.
- 6. FRAME ROUGH OPENINGS AS RECOMMENDED BY METAL STUD 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
- 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
- LOCK WITH DEPRESSION OF LEVER TO UNLOCK.

- 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
- (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
- EXIT DEVICES: VON DUPRIN.
- 3. DOOR CLOSERS: LCN. LTERNATE NO. 5 - VINYL WALL COVERING (VWC1 AND VWC2) AND VINYL FILM (VF1)
- (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)

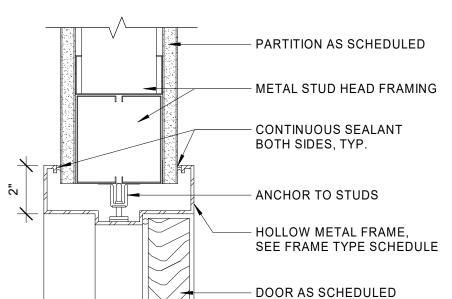
INTERIOR HM FRAME

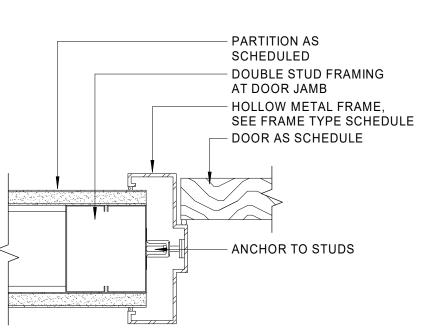


- 9. DOORS TO BE LOCATED 6" FROM FACE OF WALL INCLUDING DOOR
- AND FIRE ALARM SYSTEM. 12. DOOR UNDERCUTS SHALL BE KEPT TO A MINIMAL DIMENSION AND
- SHALL BE UNIFORM THROUGHOUT PROJECT, U.O.N. 13. AT DOORS WITH LOCKING MECHANISMS PROVIDE A PUSH BUTTON

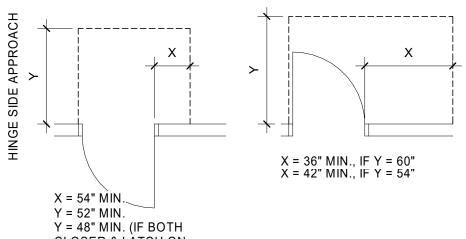
ALTERNATES

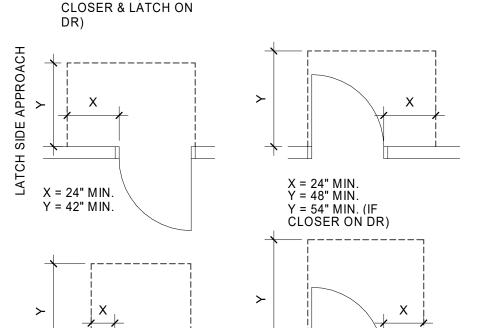
- ALTERNATE NO. 1 DOOR SIDE LITES AND TRANSOMS a. BASE BID: DOORS SHALL NOT HAVE SIDE LITES AND TRANSOMS b. ALTERNATE BID: SIDE LITES AND TRANSOMS AT ALL DOORS AS INDICATED
- b. ALTERNATE BID: INSTALL SINK AT BREAK/ WORK ROOM 216 (SINGLE BOWL TO MATCH RESOURCE AREA), INCLUDE 48"W SINK BASE CABINET IN LIEU OF
- HARDWARE" AND AS FOLLOWS: LOCKS AND CYLINDERS: SCHLAGE.
- a. BASE BID: NO VINYL WALL COVERING (VWC1 AND VWC2) IN RESOURCE 210 ON BULKHEAD AND NO VINYL FILM (VF1) ON DEMOUNTABLES
- 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





ADA DOOR CONFIGURATIONS PUSH SIDE PULL SIDE





X = 18" MIN.(24" MIN. PREFERRED) X = 12" MIN. (IF BOTH $\dot{Y} = 60$ " MIN. CLOSER & LATCH ON DR) Y = 48" MIN.

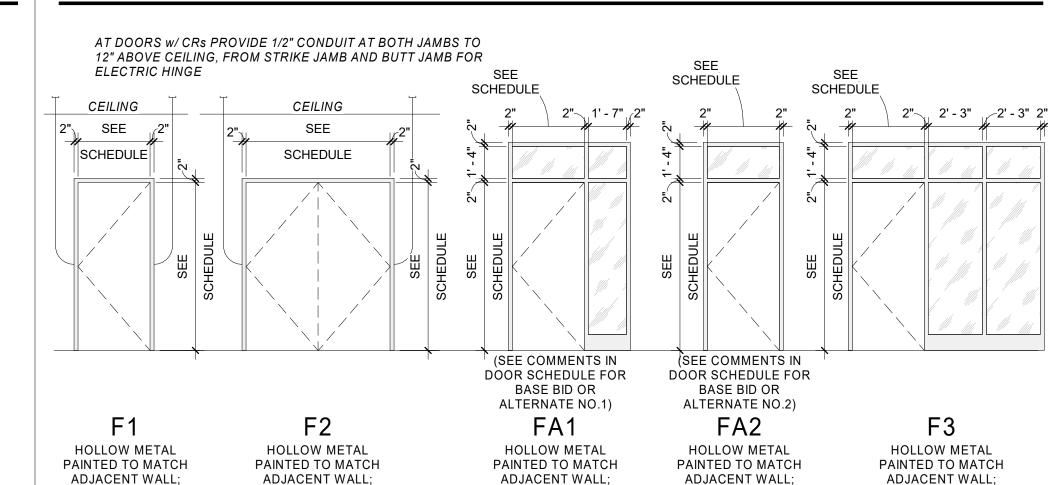
NOTE: ERECT ALL DOOR FRAMES AND ADJACENT WALLS PER

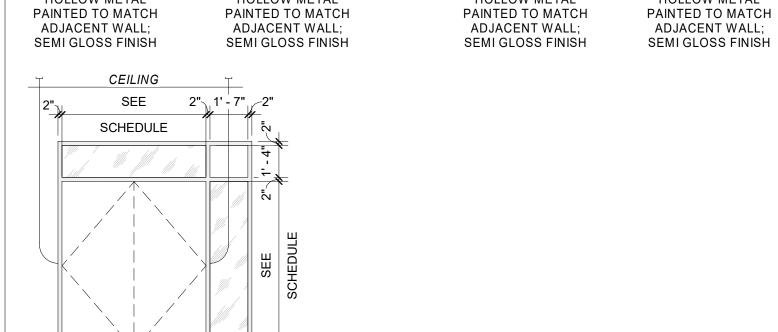
CONFLICTS PRIOR TO INSTALLATION OF DOOR FRAMES AND/OR

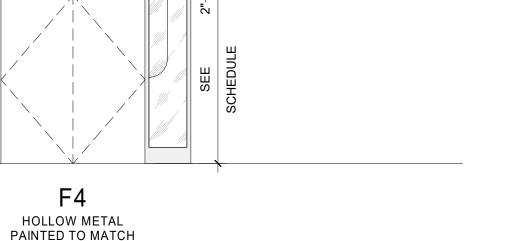
APPLICABLE PLAN CONFIGURATION. NOTIFY ARCHITECT OF

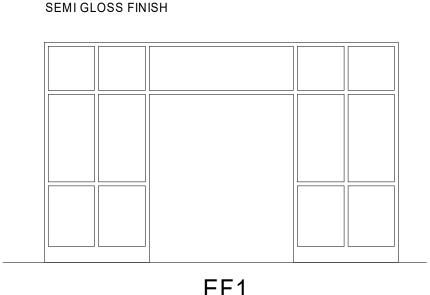
ADJACENT WALLS.

FRAME TYPES

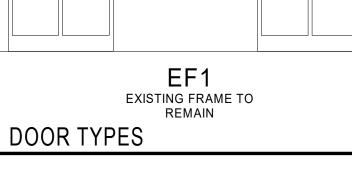




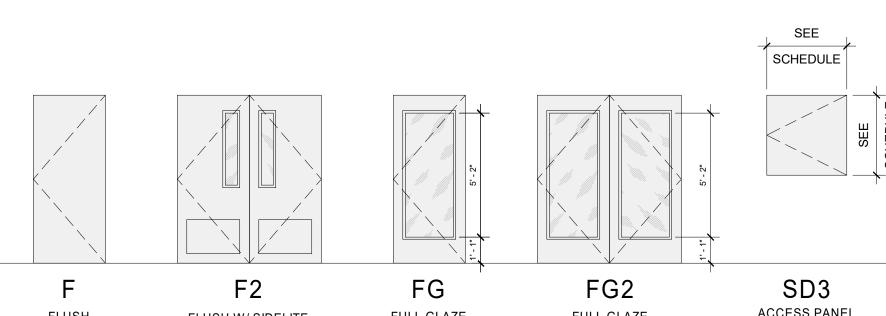


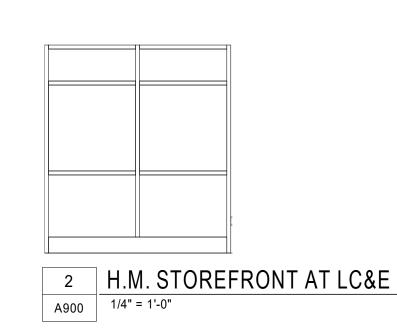


ADJACENT WALL;



AND KICKPLATE

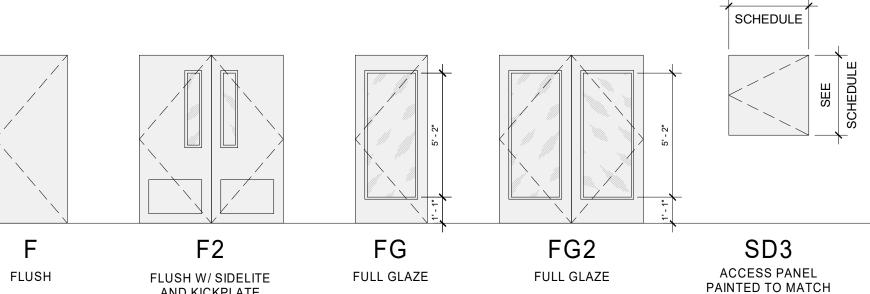




PRINCIPAL IN CHARGE AS

ADJACENT WALL;

SEMI GLOSS FINISH



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BID SET

SEMI GLOSS FINISH

1 Addendum 01

PROJECT MANAGER

SCO PROJECT #18-18336-01A

UNCC-SGO RENOVATIONS

113-1001-00 SHEET TITLE DOOR SCHEDULE, DOOR TYPES AND

FRAME TYPES

FOOD PROCESSING

MISCELLANEOUS

TOTAL CONNECTED LOAD

. FED FROM PANEL 2HA via 112.5 KVA TRANSFORMER AND 400 A FEEDER

T RATING - 0 HR

1. Floor or Wall Assembly - Lightweight or normal weight (100-150pcf)

of any min. 6 in. thick UL Classified hollow core Precast Concrete

symmetrically on both sides of floor, flush with floor surface. Wall

assembly may also be constructed of any UL classified Concrete Blocks*. Max. Diam. of opening is in solid lightweight or normal weight

hollow-core precast concrete units is 7 in.

floor or wall.

concrete. Except as noted in table under Item 4, min. thickness of solid

Units*. When floor is constructed of hollow core precast concrete units,

packing material (Item 3) and caulk fill material (Item 4) to be installed

concrete. Floor is 32 in. Max. diam. of opening in floor constructed of

See Concrete Blocks (CAZT) and Precast Concrete Units (CFTV)

1A. Steel Sleeve - (Optional, not shown) - Max. 15 in. ID (or smaller)

2. Through Penetrants - One metallic pipe, conduit or tubing to be

A. Steel Pipe - Nom. 30 in. diam. (or smaller)

Schedule 10 (or heavier) steel pipe.

B. Iron Pipe - Nom. 30 in. diam. (or smaller) cast or

3. Packing Material - Polyethylene backer rod or nom. 1 in. thickness of

top surface of floor or from both surfaces of wall as required to

3M COMPANY — Fire Barrier Packing Material

Fill, Void or Cavity Material* - Caulk - Applied to fill the annular

number of parameters, as shown in the following table:

Nom. Pipe

Tube or Conduit

1/2-12

1/2-12

1/2-6

1/2-12

1/2-20

1/2-20

1/2-12

22-30

1/2-6

(a) Min. 2 in. thickness of mineral wool batt insulation required in annular

(b) Min. 1 in. thickness of mineral wool batt insulation required in annular

to be installed flush with each surface of floor or wall assembly.

3M COMPANY - CP 25WB+ or FB 3000 WT.

space on both sides of floor or wall assembly. Min. 1 in. thickness of caulk

Diam. In.

Min. Floor

or Wall

Thickness In.

2-1/2

2-1/2

4-1/2

4-1/2

4-1/2

4-1/2

4-1/2

4-1/2

5-1/2

space flush with top surface of floor. In wall assemblies, required caulk

thickness to be installed symmetrically on both sides of wall, flush with

wall surface. At point contact location between penetrant and sleeve or

applied at top surface of floor and at both surfaces of wall. The hourly F

Ratings and the min. required caulk thicknesses are dependent upon a

between penetrant and concrete, a min. 1/4 in. diam. bead of caulk shall be

accommodate the required thickness of caulk fill material (Item 4).

tightly-packed mineral wool batt or glass fiber insulation firmly packed

into opening as a permanent form. Packing material to be recessed from

in. wide strips of min 1/2 in thick compressible mat to be stacked to a

Forming Material* — As an alternate to the packing material in Item 3, nom 4

thickness greater than the width of the annular space and compression-fitted,

strips of min 1/2 in. thick compressible mat may be folded in half, lengthwise,

and stacked to a thickness greater than the width of the annular space and

Top of forming material to be recessed from top surface of floor or from both

surfaces of wall as necessary to accommodate the required thickness of caulk

compression-fitted, edge-first, to fill the annular space to a min 2 in. depth.

edge-first, to fill the annular space to a min 4 in. depth. As an option, the

pipes, conduits or tubing may be used.

ductile iron pipe.

categories in the Fire Resistance Directory for names of manufacturer's.

Schedule 10 (or heavier) steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max. of 2 in. above top of floor or beyond

either surface of wall. Max. 16 in. ID (or smaller) min. 0.028 wall thickness (or heavier) galvanized steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max. of 1/2 in. beyond either surface of

installed either concentrically or eccentrically within the firestop system. Max. annular space between pipe, conduit or tubing and edge of through

opening or sleeve is dependent on the parameters shown in item 4. Min.

in. (point contact). Pipe conduit or tubing to be rigidly supported on both

sides of floor or wall assembly. The following types and sizes of metallic

annular space between pipe or conduit and edge of through opening is zero

concrete floor or wall assembly is 4-1/2 in. Floor may also be constructed

SYSTEM NO. C-AJ-1044

MARCH 15, 2007

L RATING AT 400°F - LESS THAN 1 CFM/SQ. FT

L RATING AT AMBIENT - 2 CFM/SQ. FT.

F RATINGS - 2, 3, AND 4 HR (SEE ITEMS 2A AND 4)

SECTION A-A

EXISTING PANEL 2A

0.0 KVA

0.0 KVA

4.9 KVA

62.6 KVA

WORST PHASE (W/D.F.): 132.0 AMPS

LOAD (KVA))	DESCRIPTION		GRND	WIRE	BRKR	R CKT.		CKT.	BRKR	WIRE	GRND	D COND	DESCRIPTION	LC	LOAD (KVA)	
Α	В	С	DESCRIPTION	(IN.)	SIZE	SIZE	RAT'G	NO.		NO.	RAT'G	SIZE	SIZE	(IN.)	DESCRIPTION	Α	В	С
1.3			REC - COR. 213, STO. 213A, STO. 213B, BRK. 216, OFC. 220E	3/4"	12	12	20/1	1	1	2	20/1	12	12	3/4"	REC - CORR, 213, CAB 221	1.3		
	1.4		REC - CAB 221, OFC. 221A, OFC. 221B, MED. COLLAB. 210A	3/4"	12	12	20/1	3		4	20/1	12	12	3/4"	REC - MED. COLLAB. 210A, RESOURCE 210		1.4	
		1.3	REC - CAB 221, RESOURCE 210	3/4"	12	12	20/1	5		6	20/1	12	12	3/4"	REC - BREAK/RESOURCE 210			1.1
0.7			FLOOR REC - RESOURCE 210 (+ JB FOR FUT. VID.)	3/4"	12	12	20/1	7	1	8	20/1	12	12	3/4"	REC - RESOURCE STOR. 210F, RESOURCE 210	1.3		
	1.0		COPY/PRINTER - BREAK/WORK RM 216	3/4"	12	12	20/1	9]	10	20/1	12	12	3/4"	FLOOR REC & VID. DISP LARGE COLLAB 210C		0.9	
		0.9	SMALL COLLAB. 210B - REC. & VID. DISP.	3/4"	12	12	20/1	11	1	12	20/1	12	12	3/4"	FLOOR REC & VID. DISP MEDIUM COLLAB 210D			0.9
1.1			REC - LARGE COLLAB. 210C, MED COLLAB 210D	3/4"	12	12	20/1	13		14	20/1	12	12	3/4"	FLOOR REC - BREAK AREA 210	0.7		
	1.3		REC - L& CE 215, RESOURCE 210 (+ JB FOR FUT. VID.)	3/4"	12	12	20/1	15		16	20/1	12	12	3/4"	REC - RESOURCE 210, SUITE 214, CORR. 213		1.3	
		1.1	REC - OFC. 212, RESOURCE 210	3/4"	12	12	20/1	17		18	20/1	12	12	3/4"	REC - OFFICES 215A, 216B, 215			1.3
1.0			COPY/PRINTER - RESOURCE 210	3/4"	12	12	20/1	19		20	20/1	12	12	3/4"	REC - OFFICES 215B, 220C, 220B, 214C	1.1		
	1.1		REC - OFFICES 214, 214C, 214D	3/4"	12	12	20/1	21		22	20/1	12	12	3/4"	REC - OFFICES 215B, 215C, 215D, CORR. 216		1.3	
		0.1	HVAC CONTROLS	3/4"	12	12	20/1	23	1	24	20/1	12	12	3/4"	REC - SUITE 215			1.1
1.1			REC - OFFICES 215D, 220A, 220B	3/4"	12	12	20/1	25		26	20/1	12	12	3/4"	REC - CORR. 220, OFFICES 220D, 220E, 220	1.1		
	1.3		REC - SGA MEETING 214B, SGA SUITE 214, SI ADMIN 220	3/4"	12	12	20/1	27		28	20/1	12	12	3/4"	REC - REFRIGERATOR - BRK/WRK RM. 216		1.2	
		1.2	REC - MICROWAVE OVEN - BRK/WRK RM 216	3/4"	12	12	20/1	29		30	20/1	12	12	3/4"	COUNTER REC - BREAK/WORK 216			0.4
0.7			REC - OFFICES 217, 218, (+ JB FOR FUT. VID.)	3/4"	12	12	20/1	31		32	20/1	12	12	3/4"	REC - OFFICE 217, CORR 216, OFFICE 215F	1.1		
	0.9		REC - OFFICES 215E, 215F	3/4"	12	12	20/1	33	1	34	20/1	12	12	3/4"	ACCESS CONTROL POWER		1.0	
		1.2	REC - REFRIGERATOR - BREAK/RESOURCE 210	3/4"	12	12	20/1	35		36	(N) 30/2	10	10	3/4"	POPCORN POPPER			2.0
0.2			COUNTER REC - BREAK/RESOURCE 210	3/4"	12	12	20/1	37		38		10				2.0		
	0.3		COUNTER REC - BREAK/RESOURCE 211	3/4"	12	12	20/1	39		40	20/1	12	12	3/4"	REC - COPIER/PRINTER - CAB 221		1.0	
		0.0) SPARE	-			20/1	41		42					S.O.			0.0
TYPE: B	RANCH	CIRCU	IT			GRO	SS PHASE	TOTALS			CONNEC	CTED LOA	D		NEC CALCULATED DEMAND	LOAD		
MOUNTI	NG: SUF	RFACE				A=	14.5	5 KVA	LIGH	TING			0.1	KVA		(125%)	0.2	KVA
SUPPLY	208/120	0V, 3-P	H, 4W			B=	15.2	2 KVA	HEATING				0.0	KVA	HEATING AND COOLING:			
MAINS: 2	25 AMP	MAIN	LUGS ONLY			C=	12.4	4 KVA	A/C 8	k HEAT	PUMPS		0.0	KVA	(100% - MINUS N/0	C LOAD)	0.0	KVA
SCIR: 10	,000 AM	PERES	3						AIR F	IANDLI	NG & FANS		0.0	KVA	, , , , , , , , , , , , , , , , , , , ,	(100%)	0.0	KVA
NOTES:									RECE	EPTACI	LES		41.9	KVA	(1ST 10 KVA + 50% O	F REM.)	26.0	KVA
	ICATES	NEW (OKT BREAKER. ALL OTHER BREAKERS ARE	EXISTI	NG.				ELEC	TRIC V	VATER HEAT	TING	0.0	KVA		(100%)	0.0	KVA
									ELEV	ATORS	3		0.0	KVA		(100%)	0.0	KVA
									FOOI	D PROC	CESSING		0.0	KVA		(100%)	0.0	KVA
. EXISTING CONNECTED LOAD (TO BE REMOVED) = 35.12 KVA									PRO	CESS			0.0	KVA		(100%)	0.0	KVA
. EXISTIN			,						MISC	ELLAN	EOUS		0.1	KVA		(100%)	0.1	KVA
															25% OF LARGEST N		0.0	KVA
									TOTA	AL CON	NECTED LO	AD	42.1	KVA	TOTAL NEC DEMANI		26.2	KVA
									<u> </u>									

WORST PHASE (W/D.F.): 79.1 AMPS

						COND	GRND	WIRE	BRKR	CKT.	1	CKT.	BRKR	WIRE	GRND	COND	T				
(A)	С	A	OAD (KVA B	.) C	DESCRIPTION	(IN.)	SIZE	SIZE	RAT'G	NO.		NO.	RAT'G	SIZE	SIZE	(IN.)	DESCRIPTION	A	DAD (KVA) B) C	
		2.6			LTG - SGO SUITE	3/4"	12	12	20/1	1	1	2	20/1	EX	EX	` '	LIGHTING	0.2			
L		2.0	2.9		LTG - SGO SUITE	3/4"	12	12	20/1	3	1	4	20/1	EX	EX	EX	LIGHTING		2.9		
•	1.1		2.0	0.0	SPARE				20/1	5		6	20/1	EX	EX		LIGHTING	+	2.0	2.8	
		1.7			LIGHTING	EX	EX	EX	20/1	7	1	8	20/1	EX	EX	EX	LIGHTING	2.8			
)			0.0		SPARE				20/1	9	1	10	20/1	EX	EX		LIGHTING		1.3		
	0.9			0.0	SPARE				20/1	11	1	12	20/1	EX	EX		LIGHTING	+ +		3.3	
		0.0			SPARE				20/1	13	1	14	20/1				SPARE	0.0			
3			1.5		LIGHTING	EX	EX	EX	20/1	15		16	20/1				SPARE		0.0		
	1.3			1.2	LIGHTING	EX	EX	EX	20/1	17		18	20/1	EX	EX	EX	LIGHTING			0.5	
		3.0			LIGHTING	EX	EX	EX	20/1	19		20	20/1	EX	EX	EX	LIGHTING	2.7			
3			1.2		LIGHTING	EX	EX	EX	20/1	21		22					S.O.		0.0		
	1.1			2.7	LIGHTING	EX	EX	EX	20/1	23		24					S.O.			0.0	
		1.1			FV-6	EX	EX	EX	15/1	25		26					S.O.	0.0			
2			1.8		FV-4,6	EX	EX	EX	15/1	27	1	28					S.O.		0.0		
	0.4			1.8	FV-3,4,4	EX	EX	EX	15/1	29		30					S.O.			0.0	
		2.1			FV-2,3,6	EX	EX	EX	15/1	31		32					S.O.	0.0			
)			1.6		FV-2,5	EX	EX	EX	15/1	33		34					S.O.		0.0		
	2.0			0.0	S.O.				•	35		36	•				S.O.			0.0	
		0.0			S.O.					37		38	175/3	EX	EX	EX	PANEL 2A via 112.5 KVA TRANSF. T2A	23.5			
)			0.0		S.O.					39		40		EX					20.1		
	0.0			0.0	S.O.					41		42		EX						19.0	
		TYPE: B	RANCH	CIRCUI	T	'		GRC	SS PHASE	TOTALS			CONNEC	CTED LOAI	D		NEC CALCULATED DEMAND	LOAD	'		
2 k	(VA	MOUNT	ING: SUI	RFACE				A=	39.	7 KVA	LIGH	TING			35.5	KVA		(125%)	44.4	KVA	
		SUPPLY	/ : 480/27	7V, 3-PH	1, 4W			B=	33.	2 KVA	HEAT	ΓING			0.5	KVA	HEATING AND CO	OOLING:			
) k	(VA	MAINS:	250 AMF	MAIN L	LUGS ONLY			C=	31.	4 KVA	A/C 8	R HEAT I	PUMPS		0.0	KVA	(100% - MINUS N/0	C LOAD)	0.5	KVA	
) k	(VA	SCIR: 42	2,000 AM	1PERES							AIR H	HANDLIN	IG & FANS		8.5	KVA		(100%)	8.5	8.5 KVA	
) k	(VA	NOTES:							RECI	EPTACL	ES		55.0	KVA	(1ST 10 KVA + 50% O	F REM.)	32.5 KVA				
) ł	(VA	. ALL BREAKERS ARE EXISTING							ELEC	CTRIC W	ATER HEA	TING	0.0	KVA	, and the second	(100%)	0.0	KVA			
) k	(VA	. "EX" INDICATES EXISTING TO REMAIN.							ELEV	/ATORS			0.0	KVA		(100%)	0.0	KVA			
) k	(VA	A .								FOOI	D PROC	ESSING		0.0	KVA		(100%)	0.0	KVA		
) k	(VA	. FED FROM PANEL DHA via 250 A FEEDER							PROCESS 0.0 KVA			0.0	KVA	(100%)		0.0 KVA					
lk	(VA										MISCELLANEOUS 4.9 KVA				(100%)	4.9	KVA				
)	(VA																25% OF LARGEST I	MOTOR:	0.0	KVA	
2 k	(VA										TOTA	AL CON	NECTED LO	AD	104.3	KVA	TOTAL NEC DEMANI	D LOAD:	90.7	KVA	
		1									Г										

ROOFTOP

EQUIPMENT

WITH BUILT-IN

WORST PHASE (W/D.F.): 127.2 AMPS

PANELBOARD

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DEMAND LOAD CURRENT: 109.1 AMPS

MOTOR CONTROL

5

1

SWITCHBOARD

STARTER

Charlotte, NC 28202

T: 704.525.6350

www.littleonline.com



BID SET

03/23/2020

1 Addendum 1

(8) IN ALL CASES THE CONTRACTOR PROVIDING THE EQUIPMENT SHALL MAKE FINAL CONNECTIONS, START UP, AND TEST EQUIPMENT.

(9) IF THE ROOF TOP EQUIPMENT IS NOT PROVIDED WITH BUILT-IN SWITCH, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A DISCONNECT SWITCH.

NOTE: THIS DIAGRAM IS INTENDED TO REPRESENT THE DIVISION OF WORK

ig($_1$ ig) HVAC, FIRE PROTECTION ("FP") OR PLUMBING EQUIPMENT, AS APPLICABLE.

CONDUIT & WIRING BY HVAC, FP OR PLUMBING CONTRACTOR.

REQUIREMENTS OF SECTION 260120.

ELECTRICAL NOTES AND LEGEND:

BY THE ELECTRICAL CONTRACTOR.

FOR WIRE AND BREAKER SIZES.

CONTRACTOR, AS APPLICABLE.

ELECTRICAL CONTRACTOR.

STARTER. LOCATE ADJACENT TO EQUIPMENT.

BETWEEN DIVISION 26 AND DIVISIONS 21, 22 AND 23, IN ACCORDANCE WITH THE

3) IF AN ADDITIONAL DISCONNECT IS REQUIRED BY NEC IT SHALL BE PROVIDED AND INSTALLED

(4) A COMBINATION STARTER OR VFD MAY BE USED IN LIEU OF A SEPARATE DISCONNECT AND

5 FEEDER CIRCUIT WIRING AND CONDUIT IN ELECTRICAL WORK. SEE PANELBOARD SCHEDULES

(6) JUNCTION BOX MAY BE SHOWN ON ELECTRICAL PLANS FOR SOME EQUIPMENT IF NO STARTER

OR DISCONNECT IS SUPPLIED. A JUNCTION BOX SHALL BE INSTALLED ADJACENT TO

JUNCTION BOX. LOAD SIDE WIRING WILL BE PROVIDED BYHVAC, FP OR PLUMBING

EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE LINE SIDE WIRING TO THE

(7) PROJECTS UTILIZING AN MCC, THE STARTER, CB, OR VFD IN THE MCC ARE PROVIDED BY THE

— — — FINAL CONNECTION TO DIVISION 21, 22 OR 23 EQUIPMENT, AS APPLICABLE, SHALL BE PROVIDED BY THE CONTRACTOR FURNISHING THE EQUIPMENT.

DIAGRAM - ELECTRICAL EQUIPMENT CONNECTION -6 DIVISION OF WORK E003 1/8" = 1'-0"

JCT/GEC

UNCC-SGO RENOVATIONS

SCO PROJECT #18-18336-01A

113-1001-00

√ DETAIL - UL PENETRATION SYSTEM W-L-1001 DETAIL - UL PENETRATION SYSTEM C-AJ-1044 E003 12" = 1'-0" E003 12" = 1'-0"

Min. Caulk

Thickness In.

1/4(a)

1/2

Rating Hr.

3

*Bearing the UL Classification Mark.

Max. Annular

Space In.

1-1/4

3-1/4

1-3/8

SYSTEM NO. W-L-1001 JUNE 15, 2005

F RATINGS - 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3) T RATINGS - 0, 1, 2, 3, AND 4 HR (SEE ITEM 3) L RATING AT AMBIENT - LESS THAN 1 CFM/SQ. FT. L RATING AT 400°F - LESS THAN 1 CFM/SQ. FT.

(100%) 0.0 KVA

(100%) 0.0 KVA

(100%) 4.9 KVA

EXISTING PANEL 2B

SECURITY SYSTEM

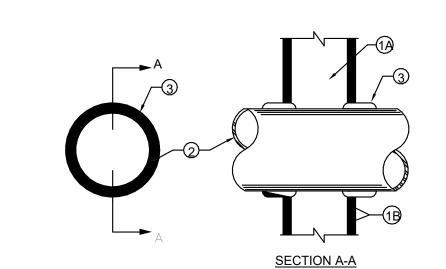
INTERFACE BOX. -

FINISHED FLOOR

INSTALLERS.

25% OF LARGEST MOTOR: 0.0 KVA TOTAL NEC DEMAND LOAD: 40.7 KVA

DEMAND LOAD CURRENT: 113.1 AMPS



1. Wall Assembly - The 1, 2, 3 or 4 hr. fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

> A. Studs - Wall framing may consist of either wood studs (max. 2h fire rated assemblies) or steel channel studs. Wood studs to consist of nom. 2 by 4 in. lumber spaced 16 in. O.C. with nom. 2 by 4 in. lumber end plates and cross braces. Steel studs to be min. 3-5/8 in. wide by 1-3/8 in. deep channels spaced max. 24 in. O.C.

B. Gypsum Board* - Nom. 1/2 or 5/8 in. thick, 4 ft. wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max. diam of opening is 26 in.

2. Through-Penetrant - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in. (point contact) to max. 2 in, Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used.

> A. Steel Pipe - Nom. 24 in. diam. (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe - Nom. 24 in. diam. (or smaller) service weight (or heavier) cast iron soil pipe, nom. 12 in. diam. (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.

3. Fill, Void or Cavity Material* - Caulk - Min. 5/8. 1-1/4, 1-7/8 and 2-1/2 in. thickness of caulk for 1, 2, 3 and 4 hr, rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min. 1/4 in. diam. bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly T Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam. In.	F Rating Hr.	T Rating Hr.
1	1 or 2	0+, 1 or 2
1	3 or 4	3 or 4
4	1 or 2	0
6	3 or 4	0
40	4 0	•

1 or 2 +When copper pipe is used, T Rating is 0 h.

3M COMPANY - CP 25WB+

*Bearing the UL Classification Mark.

RING TO FINISH FLUSH WITH WALL. DEVICE TRIM PLATE

DETAIL - RECEPTACLE GROUNDING E003 N.T.S.

_ TO FIRE ALARM SYSTEM AS APPLICABLE.

UPON ALARM.

DOORS IN PATH OF EGRESS SHALL UNLOCK

CONDUIT

A. ALL CONDUIT AND 120V WIRING SHOWN, INCLUDING CONNECTIONS AND ROUGH-IN, AND ALL CONDUIT AND BOXES REQUIRED FOR INSTALLATION OF SECURITY SYSTEM, SHALL BE PROVIDED UNDER DIVISION 26 - ELECTRICAL. B. TYPICALLY, SECURITY SYSTEM INSTALLER WILL RUN SECURITY WIRING CONCEALED IN WALLS OR ABOVE CEILING. WIRING ABOVE ACCESSIBLE CEILING WILL BE RUN ON J-HOOKS OR IN CABLE TRAY. WIRING ABOVE INACCESSIBLE CEILINGS, OR IN AREAS WITHOUT CEILING (OTHER THAN IN TELECOM CLOSETS), OR WHEN SURFACE

C. CONDUIT SHALL BE CONCEALED ABOVE THE CEILING OR IN WALLS AND SHALL BE PROVIDED WITH PULL CORDS. CONDUIT SHALL BE AS REQUIRED BY CODE, 1/2-INCH MINIMUM, EXCEPT AS OTHERWISE NOTED.

TO ACCESSIBLE LOCATION ABOVE CEILING TO FACILITATE RUNNING SECURITY SYSTEM CABLES. E. EQUIPMENT SUCH AS POWER SUPPLIES AND INTERFACE BOXES WILL BE LOCATED ABOVE ACCESSIBLE CEILING OR ADJACENT TO CEILING ACCESS PANELS WHEN

AS BOXES AND FIRE ALARM INTERFACE MODULES, SHALL ALSO BE LOCATED SO THAT THEY ARE ACCESSIBLE. F. REFER TO FLOOR PLANS AND SECURITY SYSTEM DRAWINGS FOR LOCATIONS OF CARD READERS WITH RESPECT TO DOORS. SEE NOTES H AND I.

G. SEE POWER PLANS FOR 120 VOLT CIRCUITS. SHOWN HERE.

H. PRIOR TO RUNNING ANY CONDUIT, COORDINATE WITH SECURITY ITEMS / DOOR HARDWARE SUPPLIER TO CONFIRM VALIDITY OF DIAGRAMS AND CONDUIT ROUTING I. TYPICAL DOOR DETAIL ELEVATIONS SHOWN ARE ONLY INTENDED TO PROVIDE ENOUGH INFORMATION TO BID THE PROJECT. CONTRACTOR IS TO PROVIDE, AS PART OF THE CONTRACT, RACEWAY AND BOXES AT SPECIFIC LOCATIONS FOR

EACH SECURED DOOR AS DIRECTED BY DOOR HARDWARE AND SECURITY SYSTEM

DOORS IN PATH OF EGRESS SHALL UNLOCK UPON ALARM. SECURITY-SYSTEM INTERFACE BOX. — **→** J ' CONDUIT CONDUIT < CONTACTS -OUTLET BOX WITH SINGLE-GANG WHERE REQUIRED WALL PLATE FOR CARD/PROX POWER TRANSFER READER. BOX TO FACE EXTERIOR, AND CONNECTION UNPROTECTED SIDE OF ROOM. TO SECOND ELECTRIC EXIT DEVICE -| CR| CARD/PROX READER ELECTRIC STRIKE OR OTHER ELECTRIC EXIT DEVICE munderman de la composição de la composi FINISHED FLOOR ELEVATION OF PROTECTED SIDE, EXCEPT AS NOTED

EXISTING PANEL 2HA

CONNECT TO SECURITY

LOCATION ABOVE

CEILING

SYSTEM AT ACCESSIBLE

 \setminus TYPICAL - SECURED DOOR WITH CARD ACCESS - " SD2 " E003 NOT TO SCALE

BRANCH CIRCUIT 4" SQUARE DEVICE BOX CONDUIT **BOX DEVICE COVER WITH** RAISED RING OF PROPER MAKE CIRCUIT JOINT WITH DEPTH AND TYPE FOR TWIST-ON CONNECTOR WALL CONSTRUCTION. AND CONNECT TO DEVICE WITH SINGLE LEADS 1 #12 AWG SOLID COPPER GREEN INSULATED JUMPER TO BOX BONDING SCREW. 1 #12 AWG SOLID COPPER GREEN INSULATED JUMPER TO

DOOR CONTACT OUTLET BOX WITH SINGLE-GANG WALL PLATE FOR CARD/PROX DOOR POSITION READER. BOX TO FACE EXTERIOR, SWITCH " (DC) UNPROTECTED SIDE OF ROOM. PROVIDED SECURITY SYSTEM SUPPLIER CARD/PROX READER **ELECTRIC** STRIKE -<u>DOOR</u> ELEVATION OF PROTECTED SIDE, EXCEPT AS NOTED 8 TYPICAL - SECURED DOOR WITH CARD ACCESS - " SD1 "

9 DETAIL - TYPICAL DOOR POSITION SWITCH MOUNTING

DEMAND LOAD CURRENT: 72.6 AMPS

3/4-INCH CONDUIT

INSTALLER -

PROVIDE BOX AS DIRECTED BY SECURITY SYSTEM

BY SECURITY

INSTALLER-

SYSTEM

BUSHING

GENERAL NOTES FOR SECURITY PROVISIONS

INSTALLATION IS REQUIRED, SHALL BE RUN IN CONDUIT PROVIDED UNDER DIVISION

D. PROVIDE 3/4" CONDUIT WITH PULL CORD FROM SECURITY SYSTEM INTERFACE BOX

CEILINGS ARE NOT ACCESSIBLE. ANY ELECTRICAL MATERIALS OR CONTROLS, SUCH

TO FIRE ALARM SYSTEM AS APPLICABLE.

DEVICE GROUNDING SCREW.

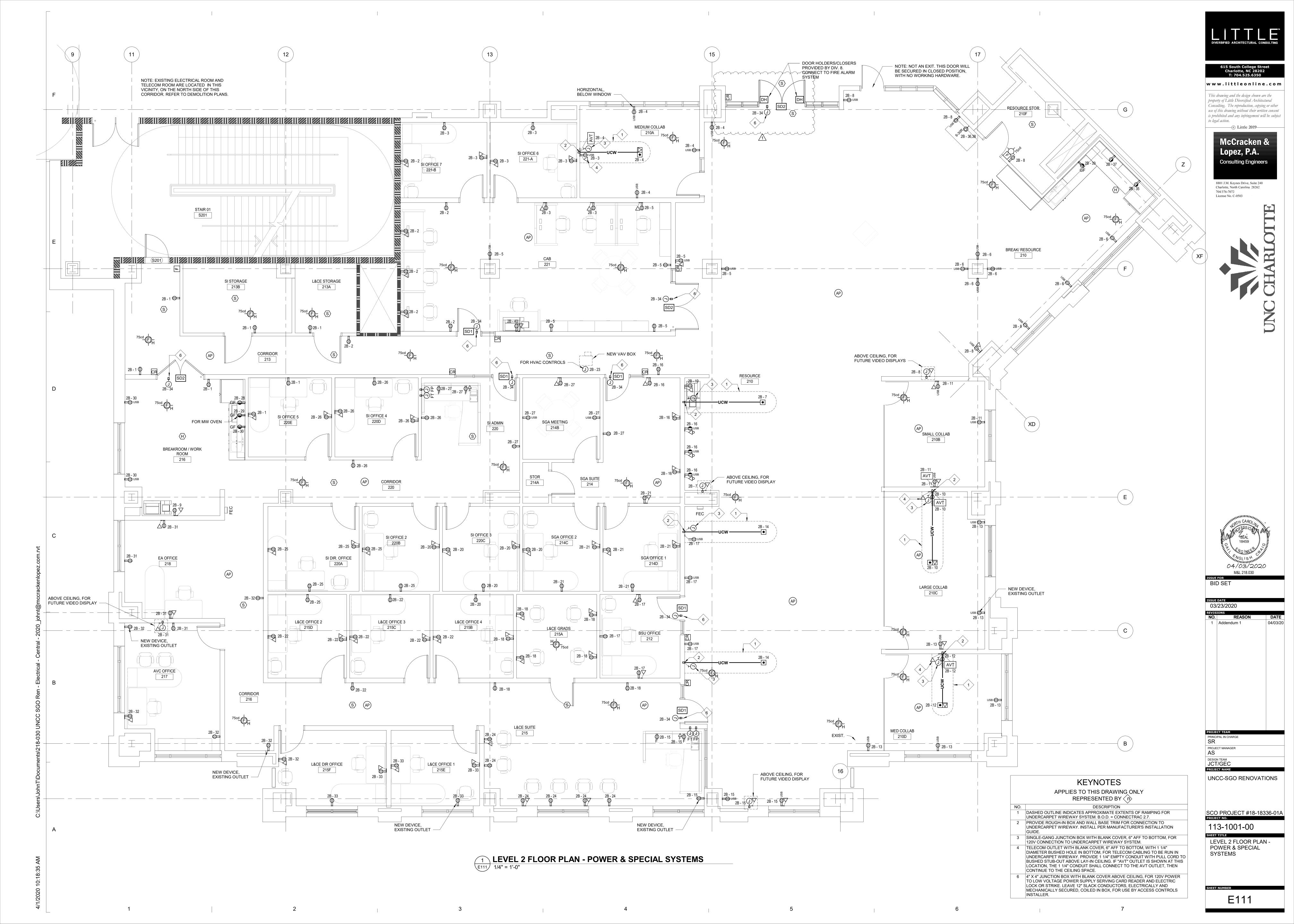
04/03/2020

M&L 218.030

PRINCIPAL IN CHARGE

SHEET TITLE ELECTRICAL SCHEDULES AND

DETAILS



CTR

DBL

DEG

DIA

DIM

DR

DS

DWG

DWN

DWR

EOS

ΕP

EQ

EQPT

EWC

EXP

FE

FF

FIN

FLR

FO

FOB

FOG

FLUOR

FEC

EXIST

EW

DEMO

DET, DTL DETAIL

CENTER

DOUBLE

DEGREE

DIAMETER

DIMENSION

DOWNSPOUT

DRAWING(S)

ELEVATION

ELECTRICAL

EDGE OF SLAB

EPOXY FLOORING

ELECTRIC WATER COOLER

FURNISHED BY OTHERS

FIRE EXTINGUISHER

FINISH FLOOR

FINISH(ED)

FACE OF

FLOOR(ING)

FIRE ALARM ANNUNCIATOR PANEL

FIRE EXTINGUISHER CABINET

ELEVATOR

EQUAL(LY)

EACH WAY

EXISTING

EXPANSION

EXTERIOR

EQUIPMENT

DOOR

DOWN

EACH

DRAWER

ABBREVIATIONS Abbreviated Phrase ACOUSTIC CEILING TILE FACE OF SHEATHING PEDESTAL, PEDESTRIAN, PEDIATRIC AMERICANS WITH DISABILITIES ACT FIRE RETARDANT TREATED PERF PERFORATE(D) ADJ ADJUSTABLE FT FOOT, FEET PFB PREFABRICATE(D) **AUTOMATED EXTERNAL FURR** FURR(ED), (ING) PREFINISH(ED) DEFIBRILLATOR FUTURE PL, PLAM PLASTIC LAMINATE ABOVE FINISH FLOOR FABRIC WALL COVERING PLASTER, PLASTIC ALUMINUM FABRIC WRAPPED PANEL PLWD FWP PLYWOOD ALT ALTERNATE PNL PANEL AMC ACOUSTICAL METAL CEILING PAINT(ED) GAUGE PNT APPROX APPROXIMATE GALV GALVANIZED PAIR ARCHITECT(URAL) GLASS BOARD PRESSURE TREAT(ED) ACOUSTICAL WOOD CEILING GC GENERAL CONTRACTOR PTN PARTITION GLASS, GLAZING **BULLETIN BOARD** GR GROUT QUARRY TILE, QUART BOARD GRAN GRANITE **BOTTOM OF** GWB GYPSUM WALL BOARD RUBBER BASE BOTTOM GYP RUBBER TILE GYPSUM RECEPTACLE CENTERLINE **HOLLOW CORE** REFERENCE, REFER CABINET HAND DRYER REFR REFRIGERATOR CUBICLE CURTAIN HEADER REM REMOVE CIRCLE HARDWARE REQ'D HDW REQUIRED CEILING HEIGHT RM ROOM CLOSET HORIZ HORIZONTAL(LY) RESILIENT CLEAR(ANCE) HOUR COLUMN HVAC HEATING, VENTILATION, AND AIR S&R SHELF AND ROD CONCRETE CONDITIONING SCW SOLID CORE WOOD HARDWOOD SECT SECTION CONSTRUCTION SQUARE FEET CONTINUOUS / CONTINUE INTERNATIONAL BUILDING CODE SFRM SPRAYED FIRE RESISTIVE MATERIAL CONTRACTOR INSIDE DIAMETER SHR SHOWER COORD COORDINATE INCLUDE(D), (ING) SIM SIMILAR CPT CARPET INSULATE(D), (ING) INSUL SPEC SPECIFICATION(S) CRB COVED RUBBER BASE INT INTERIOR STAINLESS STEEL CT CERAMIC OR PORCELAIN TILE

SOLID SURFACE MATERIAL JANITOR'S CLOSET STONE JOINT STD STANDARD STOR STORAGE KITCHEN SUSP SUSPENDED KICK PLATE SUSP CLG SUSPENDED CEILING DEMOLISH / DEMOLITION SHEET VINYL LENGTH SYS SYSTEM LAMINATE(D) LABEL TEMPERED, TEMPORARY LCKR LOCKER TME TO MATCH EXISTING LIN LINOLEUM TYP TYPICAL LIGHT LT LAMINATED VENEER LUMBER UNLESS NOTED OTHERWISE UNO

LUXURY VINYL TILE MATERIAL(S) MAXIMUM MARKER BOARD MECH MECHANICAL MANUFACTURE(R) MINIMUM MISCELLANEOUS

VCT **VERT** VIN METAL PANEL MOUNTED METAL MULLION MWK MILLWORK WGT

NORTH NOT IN CONTRACT NUMBER NO, # NOISE REDUCTION NOISE REDUCTION COEFFICIENT NOT TO SCALE

ON CENTER FLUORESCENT OFFICE OFF OPPOSITE HAND OH FACE OF BRICK OPNG OPENING FACE OF GLASS

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.

WIN

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 FOR NEW FINISHES AS REQUIRED. 9. PROVIDE RECESSED FIRE EXTINGUISHER CABINETS, SMOKE DETECTORS, AND ALL OTHER LIFE SAFETY DEVICES AS REQUIRED

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

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.

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

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,

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.

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

25. PROVIDE CONTINUOUS HORIZONTAL BRIDGING FOR WALLS

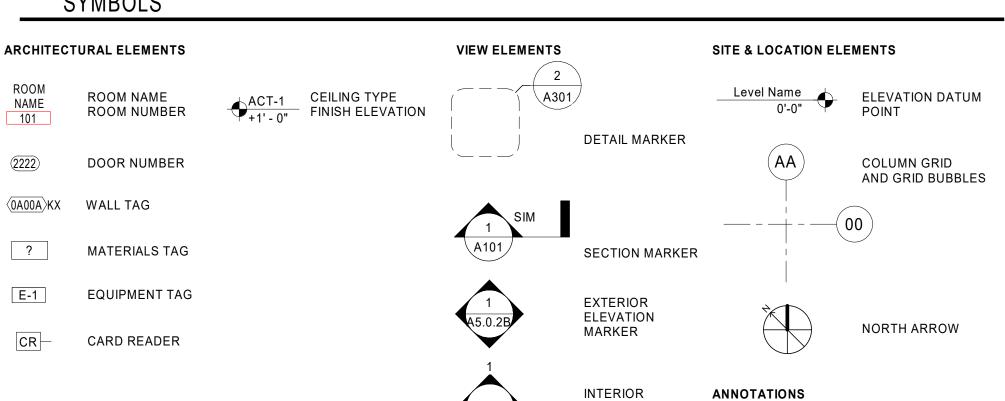
EXTENDING 10'-0" OR GREATER IN HEIGHT FROM FINISH FLOOR.

LIST OF DRAWING SHEETS Current Revision Current Number Sheet Name Revision Number **Sheet Name** 00 - COVERSHEET 06 - MECHANICAL COVER SHEET CS MECHANICAL SYMBOLS, SCHEDULES, NOTES, AND DRAWING INDEX 01 - GENERAL / LIFE SAFETY MECHANICAL CONTROLS MECHANICAL DETAILS GENERAL INFORMATION AND SHEET INDEX LEVEL 2 FLOOR PLAN - MECHANICAL G002 BUILDING CODE SUMMARY DUCTWORK-DEMOLITION AND NEW WORK $\stackrel{1}{\longrightarrow}$ G111 LIFE SAFETY PLAN - LEVEL 02 LEVEL 2 FLOOR PLAN - MECHANICAL PIPING-DEMOLITION AND NEW WORK www.littleonline.com 04 - ARCHITECTURE This drawing and the design shown are the

DEMOLITION FLOOR PLAN AND REFLECTED 07 - PLUMBING CEILING PLAN LEVEL 2 FLOOR PLAN -PLUMBING-DEMOLITION PARTITION TYPES AND FLOOR PLAN - LEVEL 02 1 AND NEW WORK REFLECTED CEILING PLAN - LEVEL 02 ALTERNATE No. 3 – LEVELS 0-2 PLUMBING FLOOR FINISH FLOOR PLAN INTERIOR ELEVATIONS & MILLWORK DETAILS DOOR SCHEDULE, DOOR TYPES AND FRAME 08 - FIRE PROTECTION FIRE PROTECTION SYMBOLS, SCHEDULES, NOTES AND DRAWING INDEX LEVEL 2 FLOOR PLAN -FIRE PROTECTION -DEMOLITION AND NEW WORK 011 - ELECTRICAL ELECTRICAL SYMBOLS AND NOTES EXISTING POWER RISER DIAGRAM E003 ELECTRICAL SCHEDULES AND DETAILS E004 LIGHTING FIXTURE SCHEDULE AND DETAILS E111 LEVEL 2 FLOOR PLAN - POWER & SPECIAL LEVEL 2 FLOOR PLAN - LIGHTING LEVEL 2 FLOOR PLANS - DEMOLITION SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE **DISCIPLINE DESIGNATORS** SHEET TYPE DESIGNATORS 0 GENERAL INFORMATION CS COVER SHEET - DISCIPLINE DESIGNATOR - SHEET TYPE DESIGNATOR G GENERAL / LIFE SAFETY H HAZARDOUS MATERIALS 2 ELEVATIONS - SHEET SUB-TYPE DESIGNATOR V SURVEY/MAPPING 3 SECTIONS - SHEET SEQUENCE NUMBER B GEOTECHNICAL 4 ENLARGEMENTS 5 DETAILS C CIVIL L LANDSCAPE 6-9 (VARIES BY DISCIPLINE) A ARCHITECTURE INTERIORS S STRUCTURAL P PLUMBING F FIRE PROTECTION M MECHANICAL E ELECTRICAL Γ TELECOM / DATA X OTHER DISCIPLINES

SYMBOLS



ELEVATION

MARKER



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BID SET

SHEET KEYNOTE

1 Addendum 01

PRINCIPAL IN CHARGE PROJECT MANAGER AS

UNCC-SGO RENOVATIONS

SCO PROJECT #18-18336-01A

SHEET TITLE GENERAL

INFORMATION AND SHEET INDEX

5

A121 A201

C/L, CL CAB CC CIR CLG CLOS CLR COL CON.

CONST CONT CONTR

BD ВО BOT

3. SEE SHEET A900 FOR DOOR TYPES AND DETAILS

VINYL BASE

VERTICAL(LY)

VINYL

WIDTH

WITH

WOOD

WEIGHT

WINDOW

WALL TO WALL

WITHOUT

WOOD BASE

WATER CLOSET

VINYL TILE

VERIFY IN FIELD

VINYL COMPOSITE TILE

VINYL WALL COVERING

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.

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

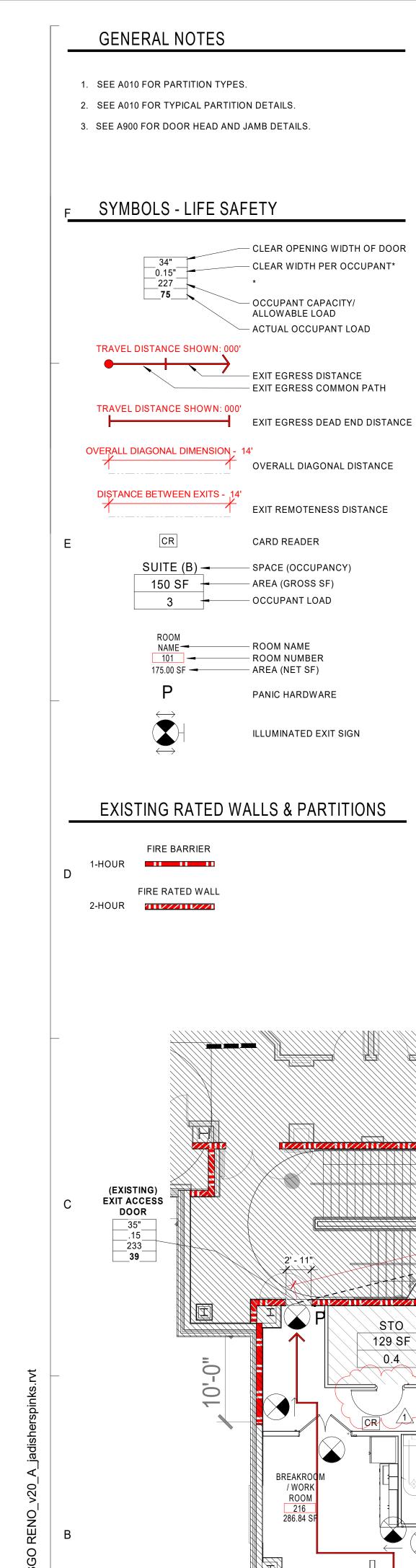
13. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE. 14. CONTRACTOR SHALL COORDINATE AND PROVIDE METAL BACKING PLATES OR SOLID WOOD BLOCKING (FIRE TREATED) IN PARTITIONS AND CEILING FOR ALL MILLWORK, WALL AND CEILING ATTACHED ITEMS AS REQUIRED BY EACH SPECIFIC ITEM.

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 0S3B-S. UNLESS OTHERWISE NOTED.

21. PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETER EDGES AND/OR PENETRATIONS AT SOUND INSULATED WALLS. OFFSET

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 L/240 LIMITING HEIGHTS."

113-1001-00



3 LEVEL 2 LIFE SAFETY

G111 1/8" = 1'-0"

EGRESS CAPACITY FOR NCSBC 2018 ALTERATIONS LEVEL 2

AREA/OCCUPANCY SCHEDULE - AREA OF WORK (EXISTING)

AREA/OCCUPANCY SCHEDULE - AREA OF WORK (PROPOSED)

Level 2

THERE IS NO OCCUPANCY INCREASE FOR THE 'AREA OF WORK.'

EXISTING PLUMBING COUNTS AND THE EGRESS WIDTHS.

THERE WILL BE NO INCREASE ON THE OCCUPANCY LOADS FOR THE

106.21 SF

L&CE SUITE, SI SUITE, AND BREAKROOM (B)

TRAVEL PATH: 107'

Level 2

AREA

CONFERENCE

WORKROOM

OFFICE SUITE

Grand total: 4

CAB SUITE (B)

COLLAB (B)

BSU OFFICE (B)

BREAKROOM (B)

RESOURCE AND

SGA SUITE (B)

Grand total: 9

L&CE SUITE, SI SUITE, AND

COLLABORATION SPACE (B)

LEADERSHIP CENTER

STUDENT ORGANIZATION

(GROSS SF) Existing
Occupant
Load

(GROSS SF) Occupant

Area

621 SF

1181 SF

7594 SF

Area

123 SF

3245 SF

4388 SF

129 SF

76 SF

9603 SF

805.2.1 Means of egress capacity. The capacity of the means of egress in each work area shall be sufficient for the maximum permitted occupant load of the work area and any adjacent spaces served by that means of egress as calculated on a per floor basis. Means of egress shall be measured in units of exit width of 22 inches (559 mm). The maximum permitted occupant load of a space shall be determined by the capacity of the means of egress serving

the space as calculated in accordance with Table 805.2.1. The building owner shall have the option of establishing a reasonable restriction on the occupant load of the space based on the existing capacity of the means of egress or of providing additional egress capacity.

USE GROUP

Unit of egress width = 22 inches.

NA = Not Allowed.

TABLE 805.2.1a.b

CAPACITY PER UNIT OF EGRESS WIDTH

Doors, Ramps,

and Corridors

100

100

100

100

NA

100

100

100

100

100

a. The occupant load may be equal to the total number of occupants for which exit capacity is provided as determined by Table 805.2.1.

Without Fire Suppression

NA

b. Interpolation shall be allowed in determining capacity of egress width.

RESOURCE AND **COLLABORATION** SPACE (B) 4388 SF 43.9

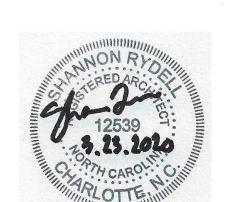
NUMBER OF OCCUPANTS

With Fire Suppression

113

113

OCCUPANCY/PLUMBING TOTALS FOR **EXISTING BUILDING****



	.,,,,,,,
ISSUE FOR	

OJE	CT TEAM	1	
RINCI R	PAL IN C	HARGE	
ROJE	CT MANA	AGER	

113-1001-00

G111



AREA OF WORK

x;TRAVEL DISTANCE 143'-7"

LIFE SAFETY PLAN LEGEND

AREA/OCCUPANCY/EGRESS WIDTHS FOR EXISTING BUILDING**

x:2 HOUR FIRE RATED WALL

2 LEVEL 2 LIFE SAFETY EXISTING

COLLAB 210B 179.56 SF

COLLAB 210C 259.10 SF

210D 186.53 SF

XXX X;OCCUPANT LOAD OF AREA

XX x;# OF PEOPLE REQUIRED FOR EGRESS x;# OF PEOPLE THAT EGRESS COMPONENT IS CAPABLE OF HANDLING

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LIFE SAFETY PLAN -LEVEL 02