

HARNETT CO DSS UPFIT 2ND FLOOR
HARNETT COUNTY, NORTH CAROLINA

GENERAL:

Planholders are requested to insert this Addendum in the front of their Project Manual. Inform all concerned that the Bidding Documents are modified by this Addendum.

The following modifications and clarifications are hereby made a part of the Bidding Documents and supersede or otherwise modify the provisions of the published *Project Manual* and *Drawings*, dated February 7, 2024.

Refer to the Drawings, Specification Sections, or other Documents, if any, attached to this Addendum, which are hereby made a part of this Addendum.

A Pre-Bid Conference was held on March 20, 2024. A copy of the sign-in log has been posted to www.moseleyarchitects.com/bidding for information only and is not considered a part of the Bidding Documents.

All questions received to date have been addressed in this addendum as applicable.

MODIFICATIONS TO THE PROJECT MANUAL AND DRAWINGS:

ADD new Documents in their entirety, noted as Addendum 01, dated April 1, 2024.

MINORITY BUSINESS PARTICIPATION FORMS

SECTION 012300 ALTERNATES

DELETE the previously issued Documents indicated below in their entirety and SUBSTITUTE the revised Documents in their entirety, noted as Addendum 01, dated April 1, 2024.

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BID FORM

SECTION 095100 ACOUSTICAL CEILINGS

SECTION 122113 HORIZONTAL LOUVER BLINDS

DRAWING A3.0.1

DRAWING A8.1

DRAWING FE2.1

REFER TO DRAWINGS ATTACHED TO THE END OF THIS ADDENDUM

REFER TO SPECIFICATION SECTIONS ATTACHED TO THE END OF THIS ADDENDUM

REFER TO DOCUMENTS ATTACHED TO THE END OF THIS ADDENDUM

END OF ADDENDUM NO 01

State of North Carolina Affidavit A – Listing of Good Faith Efforts

County of _____

(Name of Bidder)

Affidavit of _____

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

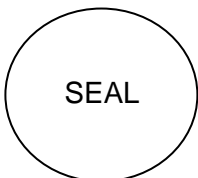
Bidders must earn at least 50 points from the good faith efforts listed for their bid to be considered responsive. (1 NC Administrative Code 30 I.0101)

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

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

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

Date: _____ Name of Authorized Officer: _____
Signature: _____
Title: _____



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

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

County of _____

Affidavit of _____

(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for the _____ contract.

(Name of Project)

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

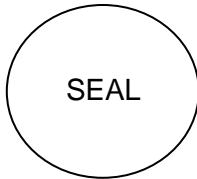
The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement. The Bidder agrees to make a Good Faith Effort to utilize minority suppliers where possible.

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

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20__

Notary Public _____

My commission expires _____

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

County of _____

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

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

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

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

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

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

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

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

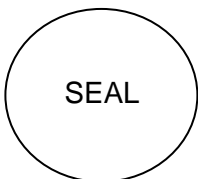
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

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

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

State of North Carolina AFFIDAVIT D – Good Faith Efforts

County of _____

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

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

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

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

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

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

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

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

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

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

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

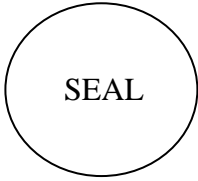
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

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

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

**SECTION 012300
ALTERNATES (*AD-01)**

PART 1 GENERAL

1.01 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.02 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: Owner Preferred Alternate – Building Automation System.
 - 1. Base Bid Item: Provide Building Automation System by any of the acceptable manufacturers listed in Division 23 section "Building Automation System."
 - 2. Alternate Item: Provide Building Automation System by Johnson Controls.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 012300

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Supplementary Instructions to Bidders
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Bid Form (*AD-01)
Minority Business Participation Forms (*AD-01)
Bid Bond (AIA Document A310)
Prebid Question Form
Contractor's Qualification Statement (AIA Document A305)
 Exhibit A – General Information (AIA Document A305)
 Exhibit B – Financial and Performance Information (AIA Document A305)
 Exhibit C – Project Specific Information (AIA Document A305)
 Exhibit D – Contractor's Past Project Experience (AIA Document A305)
 Exhibit E – Contractor's Past Project Experience, Continued (AIA Document A305)
Standard Form of Agreement Between Owner and Contractor (AIA Document A101)
Form of Agreement Exhibit A – Insurance and Bond Requirements
Performance Bond (AIA Document A312)
Payment Bond (AIA Document A312)
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| 012500 | Substitution Procedures Substitution Request Form – Prior to Receipt of Bids |
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DIVISION 14 – CONVEYING SYSTEMS (not used)

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| 220513 | Motors for Plumbing Equipment |
| 220517 | Sleeves and Sleeve Seals for Plumbing Piping |
| 220523 | General Duty Valves for Plumbing Piping |
| 220529 | Hangers and Supports for Plumbing Piping |
| 220553 | Identification for Plumbing Piping and Equipment |
| 220700 | Plumbing Insulation |
| 221116 | Domestic Water Piping |
| 221119 | Domestic Water Piping Specialties |
| 221316 | Sanitary Waste and Vent Piping |
| 221319 | Sanitary Waste Piping Specialties |
| 223300 | Electric Water Heaters |
| 224000 | Plumbing Fixtures |

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| | |
|--------|--|
| 230500 | Common Work Results for HVAC |
| 230513 | Motors for HVAC Equipment |
| 230516 | Expansion Fittings and Loops for HVAC Piping |
| 230517 | Sleeves and Sleeve Seals for HVAC Piping |
| 230519 | Meters and Gages for HVAC Piping |
| 230523 | General-Duty Valves for HVAC Piping |
| 230529 | Hangers and Supports for HVAC Piping and Equipment |
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| 233713 | Diffusers, Registers, and Grilles |
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| | |
|--------|--|
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| 260544 | Sleeves and Sleeve Seals for Electrical Raceways and Cabling |

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Harnett County, North Carolina
Architect's Project No: 631797

| | |
|--------|---------------------------------------|
| 260553 | Identification for Electrical Systems |
| 260923 | Lighting Control Devices |
| 262726 | Wiring Devices |
| 265119 | LED Interior Lighting |

DIVISION 27 – COMMUNICATIONS

| | |
|--------|---|
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| | |
|-----------|--|
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HARNETT CO. DSS UPFIT 2ND FLOOR
Lillington, North Carolina
Architect's Project No.: 631797

BID FORM (*AD-01)
Harnett County DSS Upfit 2nd Floor

DATE: _____

TO: The Harnett County Resource Center and Library,
Finance Conference Room at 455 McKinney Parkway
Lillington, NC 27546

FROM: _____

Bidder's Name

Bidder's Address

Bidder's Address

FOR: Harnett County DSS Upfit 2nd Floor

Having carefully examined the site, and all of the Bidding and Contract Documents, and in compliance with the "Invitation to Bid," "Instructions to Bidders," and "Supplementary Instructions to Bidders," the undersigned proposes to provide all labor, materials, supplies, equipment, services, and perform all Work necessary for the construction of this Project in accordance with the Bid Documents, dated February 7, 2024, prepared by Moseley Architects, PC.

Complete this Bid Form in blue or black ink or by computer. Discrepancies in the multiplications of units of work and the unit prices will be resolved in favor of the correct multiplication of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

PART A: BASE BID PRICE:

The Base Bid Price includes all Work required by and in strict accordance with the Bid Documents for this Project, for the Lump Sum of:

\$ _____ (Figures only).

PART B: LUMP SUM ALLOWANCES: (Reference Section 012100 – Allowances)

- | | |
|---|--------------------|
| 1. Allowance No. 1: TVs/monitors and Data Connection: | <u>\$20,000.00</u> |
| 2. Allowance No. 2: Residential Appliances: | <u>\$12,000.00</u> |
| 3. Allowance No. 3: Interior Signage: | <u>\$5,000.00</u> |

TOTAL BASE BID PRICE

(inclusive of Part A Base Bid Price + all Part B Lump Sum Allowances) =

\$ _____ **Figures only.**

ALTERNATE PRICES: (Reference Section 012300 – Alternates)

1. Alternate #1 Bid Price: Owner-Preferred Alternate: Provide Building Automation System by Johnson Controls in lieu of any listed acceptable manufacturer.

\$ _____ **(Figures only). (*AD-01)**

RECEIPT OF ADDENDA

We acknowledge the receipt of the following Addenda:

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

SUB-CONTRACTORS LIST

Bidders Submitting a Single prime Contract are required to list the names of sub-contractors used in determining their bid. List the names of sub-contractors below. (If using separate sub-contractors for the combined bid list both subs and identify the project they are to construct.)

- HVAC: _____
- Plumbing: _____
- Electrical: _____
- General Construction: _____

MINORITY BUSINESS PARTICIPATION REQUIREMENTS

Under North Carolina GS 143-128.2(c), the undersigned bidder shall identify on its bid the listed participation forms below. All participation forms must be submitted, even if there is no participation. Acknowledge completion of forms and inclusion in bid package below:

- _____ Identification of Minority Business Participation Form
- _____ Affidavit A – Listing of Good Faith Efforts

HARNETT CO. DSS UPFIT 2ND FLOOR
Lillington, North Carolina
Architect's Project No.: 631797

- _____ Affidavit B – Intent to perform contract with own work force
- _____ Affidavit C – Portion of the work to be performed by minority firms
- _____ Affidavit D – Good Faith Efforts

TIME OF COMPLETION

Based upon a Notice to Proceed within sixty (60) calendar days from the opening of the bid, Work included in this Contract shall be Substantially Complete no later than 150 days after notice to proceed and finally complete no later than thirty (30) calendar days thereafter.

LIQUIDATED DAMAGES

Liquidated Damages (refer to General Conditions for additional information): \$500.00 per calendar day.

ACKNOWLEDGMENT AND REPRESENTATIONS

- If notice of acceptance of this bid is given to the undersigned within ninety (90) days after the date of opening of bids, or any time thereafter before this bid is withdrawn, the undersigned will execute and deliver the Owner's prescribed modified AIA A101 Architect Agreement promptly after it has been presented to him for signature. Evidence of Insurance pursuant to A201 General Conditions Article 11 and Performance and Payment Bonds shall be furnished to the Owner at the execution of this Agreement.
- Upon request of the Owner, the undersigned Bidder agrees to submit evidence in affidavit form of applicable experience, adequate financial resources, work in hand capacity, adequate organization, and acceptable past performance. Submittal will be in the form of AIA Document A305 Contractor's Qualification Statement. Bidders qualification information shall be considered privileged and confidential.
- The undersigned Bidder certifies that neither he/she, nor any official, agent or employee has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with this bid. The person signing this Bid Form represents that he/she has full authority and representative capacity to execute this Bid Form in the capacity indicated below.
- The undersigned Bidder is a licensed General Contractor in accordance with applicable North Carolina state statutes and regulations, as amended.
- By submitting this bid, Bidder warrants and represents that Contractor and its Subcontractors comply with the E-Verify System requirements for confirmation of employment status of employees per Article 2 of Chapter 64 of North Carolina General Statutes.

HARNETT CO. DSS UPFIT 2ND FLOOR
Lillington, North Carolina
Architect's Project No.: 631797

CERTIFICATION

I certify that the firm name given below is the true and complete name of the Bidder and that the Bidder is legally qualified and licensed, to perform all Work included in the scope of the Contract.

Legal Name of Bidder (Company) _____

Bidder's (Company) Address _____

Affix Corporate Seal (if applicable):

Corporate
Seal

Signature _____
(Signature of person(s) legally authorized to bind Bidder (Company) to this Contract)

By: _____
(Typed or printed Name(s) of Person(s) Signing)

Title: _____
(Typed or printed Title(s) of Person(s) Signing)

Telephone Number: _____
(include Area Code)

E-mail: _____
(of person indicated above)

North Carolina General Contractor License No.: _____

(This form may be reproduced in exact detail)

END OF BID FORM

**SECTION 095100
ACOUSTICAL CEILINGS**

PART 1 GENERAL

1.01 REFERENCE STANDARDS

- A. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures.
- B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- C. ASTM C423 - Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
- D. ASTM C635/C635M - Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
- E. ASTM C636/C636M - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels.
- F. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
- G. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- H. ASTM E580/E580M - Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions.
- I. ASTM E1264 - Standard Classification for Acoustical Ceiling Products.

1.02 ADMINISTRATIVE REQUIREMENTS

- A. Sequence work to ensure acoustical ceilings are not installed until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead work is completed, tested, and approved.
- B. Do not install acoustical units until after interior wet work is dry.

1.03 SUBMITTALS

- A. Shop Drawings: Indicate grid layout and related dimensioning.
- B. Product Data: Provide data on suspension system components, acoustical units, and specialty ceiling products as indicated.
- C. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. Refer to Section 016000 - Product Requirements, for additional provisions.
 - 2. Extra Acoustical Panels: Quantity equal to 2 percent of total installed, of each type.
- D. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

- A. Source Limitations: Provide each acoustical ceiling assembly (ceiling panel and suspension system) from a single manufacturer to obtain manufacturer's system warranty.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver until building is weather-tight and conditioned.

- B. Store materials in dry and clean location until needed for installation. During installation, handle in a manner that will prevent damage and to prevent marring and soiling of finished surfaces.

1.06 FIELD CONDITIONS

- A. Maintain uniform temperature and humidity at occupancy conditions during and after acoustical unit installation. Allow products to acclimatize prior to installation.

1.07 WARRANTY

- A. System Warranty: Provide a single source system warranty covering both acoustical ceiling panels and suspension system.
 - 1. Warranty shall cover material failures including sag, warping, shrinkage, or delamination, biologic growth including mold or mildew, and rusting of suspension system.
 - 2. Warranty Period: Minimum 15 years, from date of Substantial Completion.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

- A. Surface Burning Characteristics: Each acoustical ceiling shall be Class A rated, with flame spread index of 25 or less, smoke developed index of 50 or less, when tested in accordance with ASTM E84.
- B. Seismic Performance: Ceiling systems designed to withstand the effects of earthquake motions determined according to ASCE 7, which references applicable requirements of ASTM E580/E580M "Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels in Areas Subject to Earthquake Ground Motions." for Seismic Design Category indicated on Structural Drawings and complying with local authorities having jurisdiction.

2.02 ACOUSTICAL PANELS

- A. Acoustical Panels - General: ASTM E1264, Class A.
 - 1. Antibacterial/Antimicrobial Treatment: Provide acoustical panels that have been factory-treated by manufacturer for resistance to bacteria, mold, mildew, and fungus.
 - 2. Humidity/Sag Treatment: Provide acoustical panels that have been factory-treated by manufacturer for humidity and sag-resistance.
- B. **Acoustical Panels ACP: Painted mineral fiber, Sub-Contractor shall field verify existing ceiling panel type and match**
 - 1. **Classification: ASTM E1264 Type ~~III~~ IV. (*AD-01)**
 - a. **Form: 1, nodular or 2, water felted.**
 - b. **Pattern: "E" - lightly textured.**
 - 2. **Size: 24 by 24 inches.**
 - 3. **Thickness: 3/4 inch.**
 - 4. **Light Reflectance: Not less than 0.82, determined in accordance with ASTM E1264.**
 - 5. **NRC Range: Not less than ~~0.70~~ 0.75, determined in accordance with ASTM E1264. (*AD-01)**
 - 6. **Panel Edge: Square Tegular/Reveal. (*AD-01)**
 - 7. **Color: White.**
 - 8. **Products:**
 - a. **Armstrong World Industries, Inc; ~~Cirrus - Item #574~~ ULTIMA Lay-In and Tegular - Item #1911. (*AD-01)**

- b. **CertainTeed Ceilings, Inc;** ~~Cashmere High NRC – Item #CM-457-NRCP~~
Symphony m – Item #1222BB-75-1. (*AD-01)
- c. **USG Corporation;** ~~Eclipse – Item #76575 Mars – Item #86785. (*AD-01)~~
- d. **Substitutions: See Section 016000 - Product Requirements.**

2.03 SUSPENSION SYSTEM(S)

- A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with perimeter moldings, hold down clips, stabilizer bars, clips, and splices as required.
 - 1. Materials:
 - a. Steel Grid: ASTM A653/A653M, G30 coating, unless otherwise indicated.
 - 2. Cross Tee/Main Runner Connection: Override (stepped).
 - 3. Main Runner End Coupling: Bayonet ("stab") type; knuckle type is not acceptable.

2.04 ACCESSORIES

- A. Support Channels and Hangers: Galvanized steel; size and type to suit application, seismic requirements, and ceiling system flatness requirement specified.
- B. Hanger Wire: 12 gauge, 0.08 inch galvanized steel wire.
- C. Perimeter Moldings: Same metal and finish as grid.
 - 1. Acoustical Sealant For Perimeter Moldings: Refer to Section 079200 - Joint Sealants for acoustical sealant for use in conjunction with suspended ceiling system.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that layout of hangers will not interfere with other work.

3.02 PREPARATION

- A. Install after major above-ceiling work is complete.
- B. Coordinate the location of hangers with other work.

3.03 INSTALLATION - SUSPENSION SYSTEM

- A. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.
 - B. Lay out system to a balanced grid design with edge units no less than 50 percent of acoustical unit size.
 - C. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.
 - 1. Use longest practical lengths.
 - 2. Apply acoustical sealant in a continuous bead at top edge of vertical legs of moldings after they are installed.
 - D. Suspension System, Non-Seismic: Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members.
 - 1. Do not hang suspension system directly from steel floor or roof deck.
-

- E. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
- F. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.
- G. Support fixture loads using supplementary hangers located within 6 inches of each corner, or support components independently.
- H. Do not eccentrically load system or induce rotation of runners.

3.04 INSTALLATION - ACOUSTICAL UNITS

- A. Install acoustical units in accordance with manufacturer's instructions.
- B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.
- C. Fit border trim neatly against abutting surfaces.
- D. Install acoustical units level, in uniform plane, and free from twist, warp, and dents.
- E. Cutting Acoustical Units:
 - 1. Make field cut edges of same profile as factory edges.
- F. Where round obstructions and bullnose concrete block corners occur, provide preformed closures to match perimeter molding.

3.05 TOLERANCES

- A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet.
- B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees.

END OF SECTION 095100

**SECTION 122113
HORIZONTAL LOUVER BLINDS**

PART 1 GENERAL

1.01 REFERENCE STANDARDS

- A. WCMA A100.1 - Standard for Safety of Window Covering Products.

1.02 SUBMITTALS

- A. Product Data: Provide data indicating physical and dimensional characteristics.
B. Shop Drawings: Indicate opening sizes, tolerances required, method of attachment, clearances, and operation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Horizontal Louver Blinds Without Side Guides:
1. CACO, Inc; Summit.
2. Crown Shade Company; Classic 1" Mini Blinds.
3. Hunter Douglas Architectural; CE80.
4. Levolor; Mark 1 DustGuard.
5. SWFcontract, a division of Springs Window Fashions, LLC; S3000.

2.02 BLINDS WITHOUT SIDE GUIDES

- A. Description: **Sub-Contractor shall field verify existing blinds and match building standard;** Horizontal slat louvers hung from full-width headrail with full-width bottom rail.
B. Manual Operation: Control of raising and lowering by cord with full range locking; blade angle adjustable by control wand.
C. **Metal Slats: Spring tempered pre-finished aluminum; square slat corners, with manufacturing burrs removed.**
1. **Width: 1 inch.**
2. **Thickness: 0.008 inch.**
3. **Color: ~~To be selected by Architect from manufacturer's full range~~ Smoke Gray 026. (*AD-01)**
D. Slat Support: Woven polypropylene cord, ladder configuration.
E. Head Rail: Pre-finished, formed aluminum box, with end caps; internally fitted with hardware, pulleys, and bearings for operation; same depth as width of slats.
F. Bottom Rail: Pre-finished, formed steel; with end caps.
1. Color: Same as headrail.
G. Lift Cord: Braided nylon; continuous loop; complying with WCMA A100.1.
H. Control Wand: Extruded hollow plastic; hexagonal shape.
I. Headrail Attachment: Wall brackets.
J. Accessory Hardware: Type recommended by blind manufacturer. Provide installation brackets and fasteners of type recommended for indicated substrate(s).

2.03 FABRICATION

- A. Determine sizes by field measurement.
- B. Blinds Installed Between (Inside) Jambs: Fabricate blinds to fit within openings with uniform edge clearance of 1/4 inch each side (total width 1/2 inch less than jamb-to-jamb rough opening width, plus or minus 1/8 inch). Length shall be equal to 1/4 inch less than head-to-sill dimension of each opening, plus or minus 1/8 inch.
 - 1. Where there are multiple glazing sections in an opening, with intermediate vertical mullions, measure each blind section 1/4 inch in from the centerline of the mullion.
- C. Blinds Installed Outside of Rough Opening: Fabricate blinds to cover window frames completely, with a 1-1/2 inch overlap at each jamb and at bottom of blinds, unless otherwise indicated.
 - 1. Where width of a glazing section between jambs or mullions exceeds blind manufacturer's maximum width, provide two equally sized blind units to fill opening. Minimize light gap between blind units to greatest extent possible.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that openings are ready to receive the work.

3.02 INSTALLATION

- A. Install blinds in accordance with manufacturer's instructions.
- B. Install blinds directly to wall structure or blocking. Do not install to window framing.
- C. Install with a minimum 2 inch gap to window glass surface.
- D. Secure in place with flush countersunk fasteners.

3.03 TOLERANCES

- A. Maximum Variation of Gap at Window Opening Perimeter: 1/4 inch.
- B. Maximum Offset From Level: 1/8 inch.

3.04 ADJUSTING

- A. Adjust blinds for smooth operation.

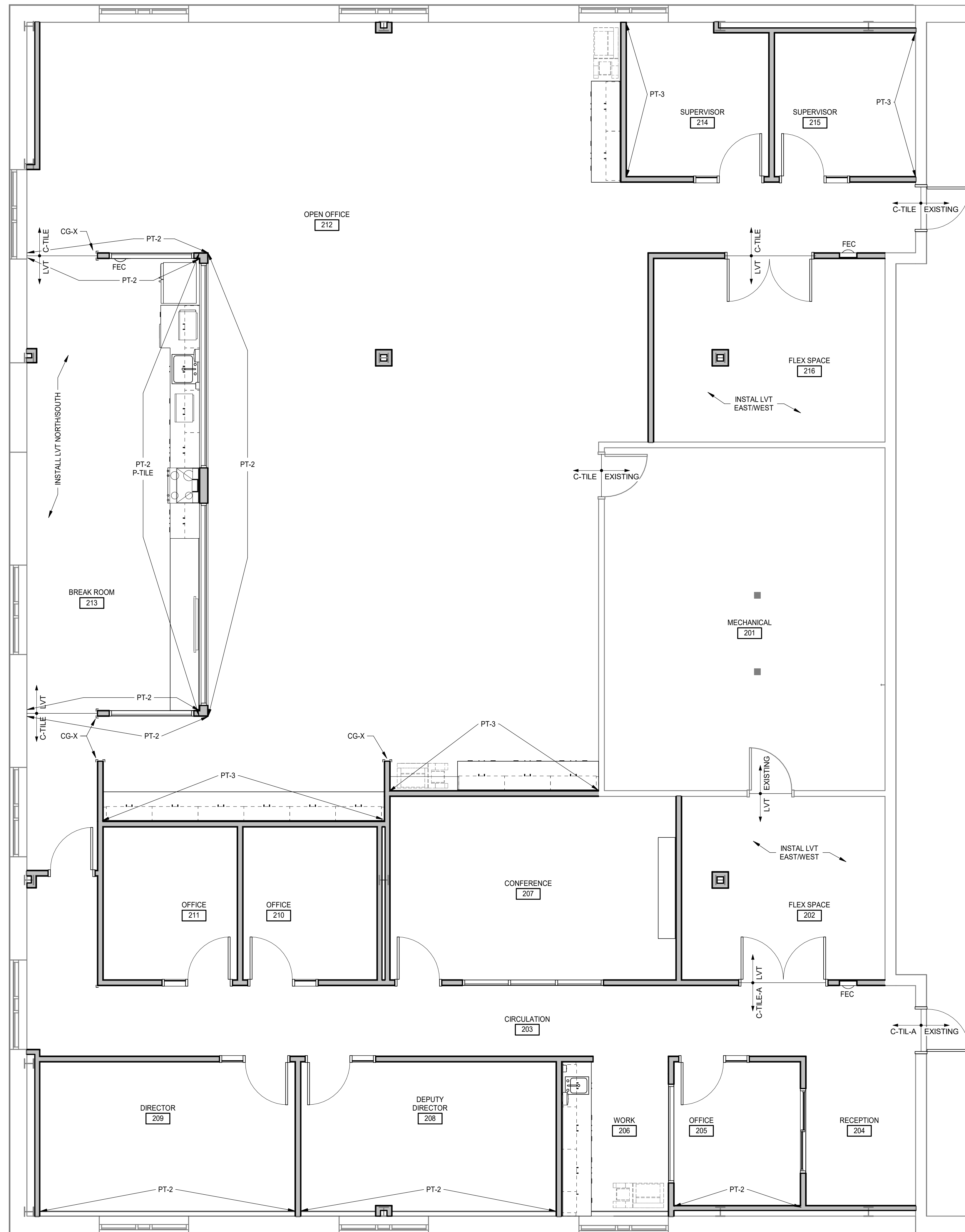
3.05 CLEANING

- A. Clean blind surfaces just prior to occupancy.

END OF SECTION 122113

SECOND FLOOR FINISH PLAN

1/4" = 1'-0"



FINISH SCHEDULE

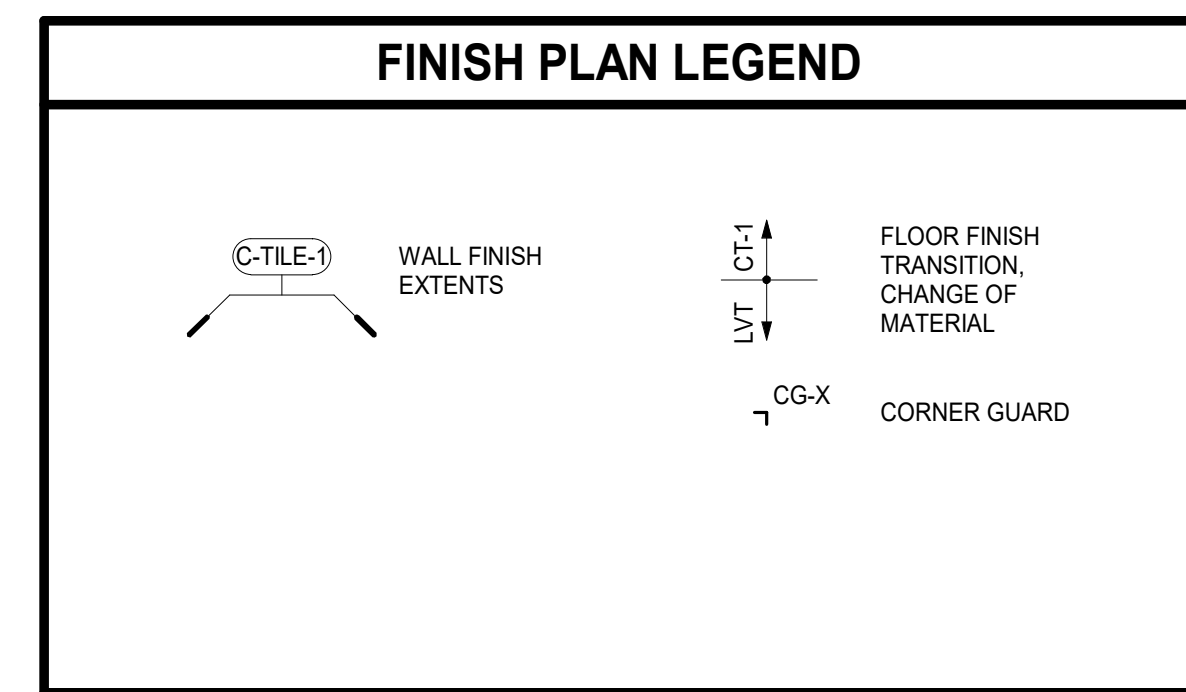
| NUMBER | NAME | FLOOR | BASE | WALLS | | | | CEILING | NOTES |
|--------|-----------------|----------|----------|----------|----------|----------|----------|----------|-------|
| | | | | NORTH | EAST | SOUTH | WEST | | |
| 201 | MECHANICAL | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | |
| 202 | FLEX SPACE | LVT | RB | PT | PT | PT | PT | ACP | |
| 203 | CIRCULATION | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 204 | RECEPTION | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 205 | OFFICE | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 206 | WORK | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 207 | CONFERENCE | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 208 | DEPUTY DIRECTOR | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 209 | DIRECTOR | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 210 | OFFICE | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 211 | OFFICE | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 212 | OPEN OFFICE | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 213 | BREAK ROOM | LVT | RB | PT | PT | PT | PT | ACP | |
| 214 | SUPERVISOR | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 215 | SUPERVISOR | C-TILE | RB | PT | PT | PT | PT | ACP | |
| 216 | FLEX SPACE | LVT | RB | PT | PT | PT | PT | ACP | |

FINISH SCHEDULE GENERAL NOTES

A. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.
 B. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.
 C. CASEWORK FINISHES ARE NOT NOTED IN THE FINISH SCHEDULE. REFER TO BASIS OF DESIGN AND SPECIFICATIONS FOR MATERIALS AND FINISHES.
 D. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.
 E. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULE. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.
 F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION

FINISH PLAN GENERAL NOTES

A. REFER TO A0.1 FOR ABBREVIATION LEGEND.
 B. WHERE ONE FINISH IS LISTED ON ALL WALLS OF THE ROOM, THE FINISH PLANS DO NOT SHOW EXTENT OF FINISH. FINISH PLANS AND ELEVATIONS SHOW EXTENT OF MATERIALS WHERE FINISH SCHEDULE LISTS MULTIPLE FINISHES IN ONE ROOM.
 C. DIRECTIONAL WALL FINISH INDICATORS (NORTH, SOUTH, EAST, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.

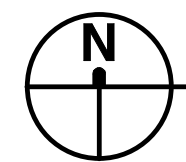
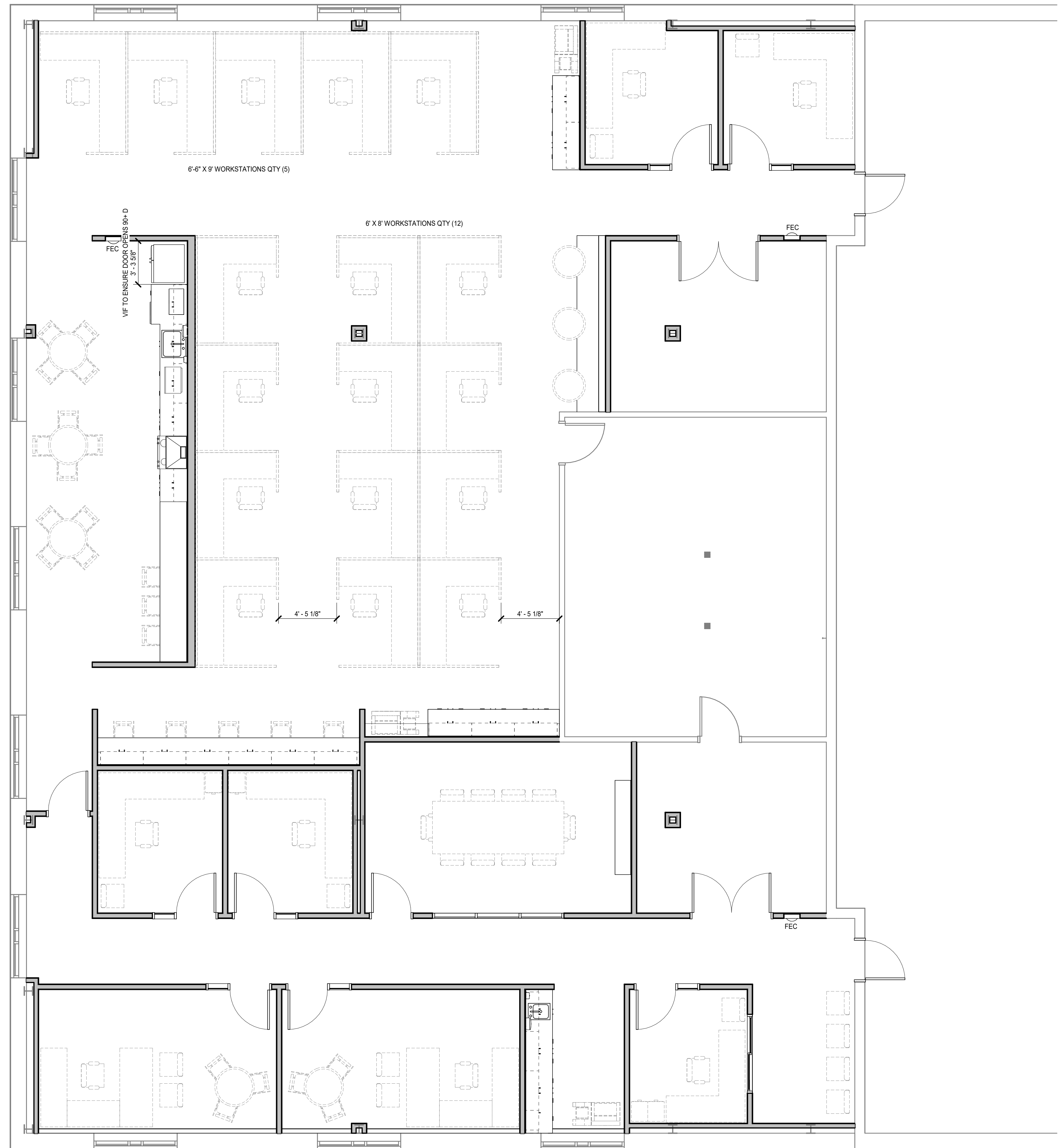


INTERIOR FINISH LEGEND - BASIS OF DESIGN

| DESCRIPTION | MATERIAL | MANUFACTURER | PRODUCT - COLOR |
|-------------|---------------------------|------------------|---|
| M1 | TRANSITION STRIP | SCHLUTER SYSTEMS | RENO-TK - STAINLESS STEEL |
| M2 | THRESHOLD | SCHLUTER SYSTEMS | RENO-T1 STAINLESS STEEL |
| M3 | EDGE TRIM | SCHLUTER SYSTEMS | SCHIENE - STAINLESS STEEL |
| M4 | HARDWARE PULLS | RICHELIEU | MODERN METAL PULL - 8656; CENTER TO CENTER 5", FINISH TBD |
| M5 | BLINDS | | SMOKE GRAY 026 |
| 064100 | | | |
| PL-1 | PLASTIC LAMINATE | WILSONART | VAPOR STRANDS 4839K-18 LINEARITY FINISH |
| SSM | SOLID SURFACE | FORMICA | ASHEN CONCRETE 607 |
| 093000 | | | |
| P-TILE | CEMENT TILE | TILEBAR | COLOR ONE- OCEAN BLEND-MATTE/GLOSS |
| 095100 | | | |
| ACP | ACOUSTICAL CEILING PANELS | ARMSTRONG | 11911A, MATCH EXISTING |
| 096513 | | | |
| RB | RUBBER BASE | ROPPE | TBD |
| 096519 | | | |
| LVT | LUXURY VINYL TILE | EF CONTRACT | STYLE: WOODLANDS, COLOR: IRONWOOD EFCW001 |
| 098113 | | | |
| C-TILE-A | CARPET TILE | BENTLY | PATTERN: REDUX DEUX, COLOR: REKINDLE 40372 |
| 099100 | | | |
| PT-1 | PAINT | PPG PAINTS ARENA | PPG1006-1 GYPSUM |
| PT-2 | ACCENT PAINT | PPG PAINTS ARENA | MATCH PANTONE PMS 556C, HEX #71a28a |
| PT-3 | ACCENT PAINT | PPG PAINTS ARENA | MATCH PANTONE PMS 541C, HEX #003674 |



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| REVISIONS | |
| DATE | DESCRIPTION |
| 04.01.2024 | AD-01 |

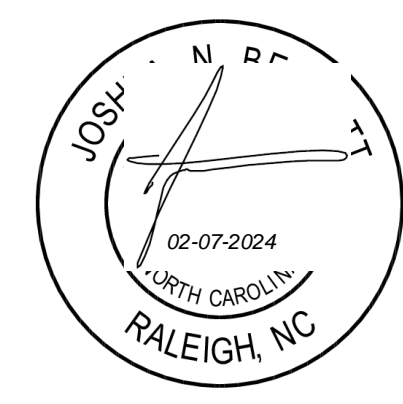


SECOND FLOOR FURNITURE PLAN

1/4" = 1'-0"

FURNITURE SHOWN FOR CLARIFICATION PURPOSES ONLY. OWNER TO PROVIDE FURNITURE THROUGH SEPARATE CONTRACT.

AD-01



HARNETT CO DSS UPFIT 2ND FLOOR

631797
HARNETT CO DSS
311 W CORNELIUS HARNETT BLVD, LILLINGTON, NC 27546

| | |
|-------------|------------------|
| PROJECT NO: | 631797 |
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