

City of Laurinburg North Fire Station
Project No.: 2021-062
Issue to: Bidders

City of Laurinburg, Owner
Contract Document Date: September 15, 2021
Addendum Date: December 13, 2021

A. NOTICE TO BIDDER

- 1.1 This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings, and previously issued Addenda. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.
- 1.2 The date for receipt of bids for this project **is unchanged by this Addendum.**
- 1.3 Pre-Bid Conference: A **mandatory** Pre-Bid Conference was held at City of Laurinburg City Hall and then followed by a project site visit on December 2, 2021 at 10:00 am. Any clarifications issued as a result of the meeting are addressed by Addendum; verbal information provided does not alter the content of the bidding documents.

B. MODIFICATIONS TO PREVIOUS ADDENDA (**None**)

C. APPROVED SUBSTITUTION REQUESTS

- 1.4 See question and answer section for any additional manufacturers.

D. MODIFICATIONS TO PROJECT MANUAL

- 1.5 SECTION 00 09 02 – Addenda 2 Form
- 1.6 SECTION 08 06 71 – Door Hardware Schedule

E. MODIFICATIONS TO DRAWINGS

- 1.7 Drawing A10.21 – FINISH PLAN, LEGEND, NOTES, & SCHEDULE
- 1.8 Drawing A30.21 – ALTERNATE FINISH PLAN, LEGEND, NOTES, & SCHEDULE

F. ATTACHMENTS

- 1.9 This Addendum includes the attached documents and specification sections:
 - a) Section 00 01 10 – Table of Contents, (reissued).
 - b) Section 00 09 02 – Addenda 2 Form, (new).
 - c) Section 08 71 00 – Door Hardware, (new).
 - d) HUB Forms, (new).
- 1.10 This Addendum includes the following attached drawings:
 - a) Drawing A10.21 – FINISH PLAN, LEGEND, NOTES, & SCHEDULE
 - b) Drawing A10.31 – ALTERNATE FINISH PLAN, LEGEND, NOTES, & SCHEDULE
- 1.11 This Addendum includes the following Questions and Answers:
 - a) We would like the opportunity to bid Florock Resinous Flooring (Section 096723 Resinous Flooring)?
A: This is an acceptable manufacturer.

- b) The collateral is pretty high at 10 PSF and the structural notes do not list deflection limits or if the live load can be reduced. Should we continue with a 10 lb Collateral load? Are there and specific deflections required for this project? Can the live load be reduced per codes?
A: Continue with 10 lb collateral load. Component deflections shall be limited to those in the North Carolina Building code Chapter 16 table 1604.3. Live load may be reduced per the 2018 North Carolina Building code.
- c) The drawings show 9.5" girts at 4' o.c. Can 8" or 10" girts be use for this project?
A: It is acceptable to use 8" or 10" girts as long as it meets all requirements of the North Carolina Building Code.
- d) What do you want to do for the roof extension trims? The drawings are not dimensioned, and we have assumed a 1'-0" projection unless you tell me different. However, how should we flash this overhang. Do we have to use 1'-0 soffit panels, or should we try and use special trims?
A: The projection is 1'-0" and a soffit panel is acceptable.
- e) Please confirm IAS certification is acceptable in lieu of AISC certification for metal building manufacturers?
A: IAS certification is not acceptable in lieu of AISC certification.
- f) Please confirm 3rd party inspections are acceptable in lieu of AISC certification for local structural steel fabricators and metal building/structural steel erectors?
A: A 3rd party inspection service is acceptable in lieu of AISC certification for local structural steel fabricators and metal building/structural steel erectors as long as licensed special inspectors ensures QA/QC of structural steel per Chapter N of AISC. This 3rd party inspection would be at the cost of the general contractor.
- g) On sheet S0.01; Shop Drawings; 7F: please confirm that the term "delegated design" with regard to pre-engineered metal buildings does mean the manufacturer's design engineer?
A: Term "delegated design" for this would indicated metal building and connections to have signed and sealed drawings and calculations by a professional engineer in the State of North Carolina that meets the criteria shown on structural drawings. These drawings and calculations will be reviewed by building SEOR.
- h) S0.01; Pre-Engineered Metal Building; 1: maximum building drift of H/300 – can this be reduced to H/100 provided that the masonry divider wall is provided with a hinge connection at the base?
A: Building drift may be decreased to H/240.
- i) There are insulated sandwich panels shown in details 7,8,9,10/A7.01 & 1,2,6/A7.12; please confirm that these are shown in error and the wall panels are standard metal panels with blanket insulation.?
A: The metal wall panels can be a standard metal panel with blanket insulation but is required to have an interior gypsum wall board finish to be painted.
- j) Please confirm the extent of the 2" insulation under the slab (shown in wall sections on A6.02)?
A: the use of underslab insulation is to meet the requirements of the 2018 North Carolina Building Energy Code. 2'-0" is what is typically use in this area.

- k) Does the galvanized steel at the entry get painted after galvanizing? If so, could it get the two coats of epoxy in lieu of the galvanizing as described in the structural notes?
A: No, the galvanized steel shall be touched up with galvanized material then painted with a minimum of 2 coats with high performance paint.
- l) The foundation plan note 5/s1.01 points to rod bracing in two areas, but is defined as a portal frame. Please confirm rod bracing along grid D1 between grids 2 & 3 and also along grid D between grids 2a & 3a?
A: There shall be rod bracing along grid D1 between grids 2 & 3 and also along grid D between grids 2a & 3a.
- m) Can we use wind posts for bracing in lieu of portal frames?
A: "Wind Post" may be used in lieu of portal frames as long as drift limit is achieved, and openings shown on architectural are not obstructed. Foundation sizes may increase based on load path changes.
- n) Please confirm that the girt depths and spacings can be determined by the pre-engineered metal building manufacturer's standards and design engineer rather than the architectural wall sections?
A: The sizes and spacing shall be determined by the pre-engineered metal building manufacturer but shall allow for a gypsum wall board for finishes on the interior if not using the additional framing for the wall.
- o) There is a Conex trailer shown on C-05. Who is to supply the trailer? If the general contractor is to supply, please provide more information?
A: This is to be relocated from the existing fire station and will be moved by the owner.
- p) The sink walls in toilets 110 & 11 appear to be graphically shown as 6" walls. Please confirm whether they are 6" or 4" or something else?
A: It is a "1S0A" wall type which shall be a 6" metal stud wall, not a 2 5/8" metal stud.
- q) In reference to the Fire Apparatus Schedule shown on sheet A10.01, please advise who supplies and installs items #1 thru 8. Please also provide manufacturer and model information?
A: These are owner furnished equipment and contractor installed.
- r) Please verify the concrete thickness for the Heat Pump Pad and the concrete patio outside 108?
A: The pads shall be a minimum of 4" concrete over 4" of packed stone base.
- s) Please confirm that there is NO bullet-proof sheetrock required on this project (seen only in specification 09 29 00; page 3; 2.4)?
A: There is none on this project.
- t) Please confirm overhead door thickness; 2" or 3"?
A: Provide a 3" thick door.
- u) Please confirm HAAS Doors Model CA320I is an acceptable substitute?
A: HAAS Doors is an acceptable manufacturer.

- v) 13 34 19; page 3; submitting PEMB manufacturer certification prior to bid date: manufacturer will not provide project specific letter until after the project is ordered. Please confirm this letter can come after award of contract.
A: Letter is not required.
- w) 13 34 19; page 6; please confirm that there is no rigid board insulation on this project?
A: Blanket insulation is preferred to be used for insulation.
- x) 13 34 19; page 7; please confirm that there are no interior liner panels on this project?
A: There needs to be an interior gypsum wall board finish.
- y) 13 34 19; page 9; please confirm which insulation facing is to be provided, C, D, or E.?
A: Provide insulation covered under section "E" – white polypropylene film laminated.
- z) The floor plan appears to show bypass girts, but the wall details show the columns tapering behind the girt lines. Are we to use bypass girt or Flush girts for this project?
A: Use flush girts.
- aa) The substitution request is for spec 096723- Resinous flooring – is Plexi-Chemie an approved manufacturer?
A: Plexi-chemie is an approved manufacturer but must meet the criteria stated in the specifications.
- bb) The description for Alternate 1 Apparatus Bays in the Specs states that all associated trade work is to be included in the Alternate. The Foundation Plan and detail 1/S2.02 make me think that the foundations are part of the base bid. Please clarify?
A: The base bid shall be for a 3-bay apparatus fire station. The alternate is to extend that for an additional 2 bays. The concrete work, foundations would be for the size of each conditioned space being built only.
- cc) Notes on A2.02 say to use existing back-up generator. Site Lay-out Plan C-03 call for concrete paving at the Generator. Are we to include a new Generator Pad? If so, what detail should we use - Concrete Pavement 2/D-01, 6/S2.02 or 10/E6.03? They are all different. Also we will need the dimensions for the slab?
A: A pad is required and use detail 6/S2.02. the size of the pad shall be 5'-0" wide by 10'-0" long.
- dd) Looking at sheet E2.01 in the training room #107 there are 11 - FB4 which I believe are floor boxes, there does not seem to be any information as to the type of floor box to use?
A: Provide a box equal to Wiremold RFB4-CI-FPCT/FPFFT, providing 2 NEMA 5-20R duplex receptacles and two Comm plates with provisions for four RJ45 CAT6 Jacks.
- ee) Are there any additional topographic elevations that can be provided?
A: The site is relatively flat across the area. The information on the drawings is all that has been provided.
- ff) Who will be responsible for the cost of the testing on site?

A: The owner is responsible for the items needed to be cover in the special inspections and the material testing, for example, proof rolling test. All other items are covered by the contractor.

gg) What erosion control is required for Unit Pricing #3?

A: A sediment fence shall be installed and seeding the area once soil has been removed. All areas shall fall under 1 acre of area being disturbed.

hh) On Sheet C-05, are we to assume that all pipes – 2", 4" and 6" stop as shown?

A: Yes, this is to be the locations shown.

ii) Is preparing the site per the geotechnical report without undercutting an additional cost to the site preparation?

A: There should be a \$5,000 allowance included to the sitework for any pumping of the site.

END OF ADDENDUM 2

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:

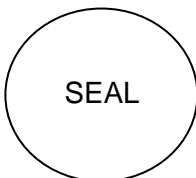
Bidders must earn at least 50 points from the good faith efforts listed for their bid to be considered responsive. (1 NC Administrative Code 30 I.0101)

- 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

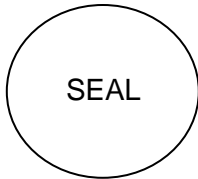
The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement. The Bidder agrees to make a Good Faith Effort to utilize minority suppliers where possible.

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.**

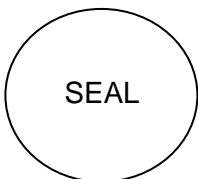
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

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.

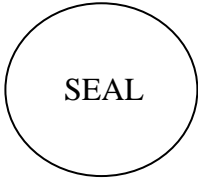
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with Minority Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

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 _____

PROJECT MANUAL – 100% CONSTRUCTION DOCUMENTS

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

00 01 01	Project Title Page
00 01 10	Table of Contents
00 09 01	Addendum 1
00 09 02	Addendum 2
00 11 16	Invitation to Bidders
00 21 13	Instruction to Bidders
00 41 13	Bid Form
	Geotechnical Engineering Report
00 52 00	Agreement Forms
00 72 00	General Conditions

DIVISION 01 – GENERAL REQUIREMENTS

01 10 00	Summary
01 22 00	Unit Prices
01 23 00	Alternates
01 26 00	Contract Modifications Procedures
01 29 00	Payment Procedures
01 31 00	Project Management and Coordination
01 32 00	Construction Progress Documentation
01 33 00	Submittal Procedures
01 40 00	Quality Requirements
01 41 00	Special Inspections
01 42 00	References
01 50 00	Temporary Facilities and Controls
01 60 00	Product Requirements
01 73 00	Execution
01 73 29	Cutting and Patching
01 74 19	Construction Waste Management and Disposal
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 39	Project Record Documents
01 79 00	Demonstration and Training

DIVISION 02 – EXISTING CONDITIONS

02 41 19	Selective Demolition
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DIVISION 03 - CONCRETE

03 10 00	Concrete Formwork
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DIVISION 04 - MASONRY

04 20 00	Unit Masonry Assemblies
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DIVISION 05 - METALS

05 12 00	Structural Steel
05 31 00	Steel Decking
05 40 00	Cold-Formed Metal Framing
05 73 00	Decorative Metal Railings

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

06 10 53 Miscellaneous Rough Carpentry

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

07 11 13 Bituminous Dampproofing
07 18 00 Traffic Coatings
07 21 00 Thermal Insulation
07 41 13 Standing-Seam Metal Roof Panels
07 62 00 Sheet Metal Flashing and Trim
07 71 00 Roof Specialties
07 72 00 Roof Accessories
07 84 13 Penetration Firestopping
07 84 46 Fire-Resistive Joint Systems
07 92 00 Joint Sealants

DIVISION 08 - OPENINGS

08 11 13 Hollow Metal Doors and Frames
08 14 16 Flush Wood Doors
08 31 13 Access Doors and Frames
08 36 13 Vision Panel Sectional Doors
08 41 13 Aluminum-Framed Entrances and Storefronts
08 71 00 Door Hardware
08 80 00 Glazing
08 83 00 Mirrors
08 90 00 Louvers and Vents

DIVISION 09 - FINISHES

09 29 00 Gypsum Board Assemblies
09 30 00 Tiling
09 51 13 Acoustical Panel Ceilings
09 65 13 Resilient Base and Accessories
09 65 19 Resilient Tile Flooring
09 67 23 Resinous Flooring
09 68 13 Tile Carpeting
09 91 00 Painting
09 96 00 High-Performance Coatings

DIVISION 10 - SPECIALTIES

10 11 00 Visual Display Surfaces
10 14 00 Signage
10 21 13 Toilet Compartments
10 28 00 Toilet, Bath, and Laundry Accessories
10 44 00 Fire-Protection Specialties
10 51 13 Metal Lockers
10 56 13 Metal Storage Shelving
10 73 18 Pre-Fabricated Steel Canopies
10 75 16 Ground-Set Flagpoles

DIVISION 11 – EQUIPMENT
NOT APPLICABLE

DIVISION 12 - FURNISHINGS
12 24 13 Roller Window Shades
12 36 00 Countertops

DIVISION 13 - SPECIAL CONSTRUCTION
13 34 19 Metal Building Systems

DIVISION 14 – CONVEYING EQUIPMENT
NOT APPLICABLE

DIVISION 21 - FIRE SUPPRESSION
NOT APPLICABLE – SEE DRAWINGS

DIVISION 22 – PLUMBING
NOT APPLICABLE – SEE DRAWINGS

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING
NOT APPLICABLE – SEE DRAWINGS

DIVISION 26 - ELECTRICAL
NOT APPLICABLE – SEE DRAWINGS

DIVISION 27 – COMMUNICATIONS
NOT APPLICABLE – SEE DRAWINGS

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY
NOT APPLICABLE – SEE DRAWINGS

DIVISION 32 – EXTERIOR IMPROVEMENTS
NOT APPLICABLE – SEE DRAWINGS

END OF TABLE OF CONTENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Hardware for doors as specified in Division 08 – Openings.
 - 2. Lock cylinders for doors for which hardware is specified in other Sections.
 - 3. Key controls.
 - 4. Thresholds.
 - 5. Weatherstripping, seals and door gaskets.

1.3 SUBMITTALS

- A. Hardware Schedule: The hardware supplier shall submit along with the Finish Hardware Schedule, catalogue cuts of all items submitted as well as catalogue cuts of the specified items. If ANSI products or generic items are specified, the scheduled items will be cross referenced. Provide samples when requested.
- B. Samples: Prior to preparation of hardware schedule:
 - 1. Submit 1 sample of hinge, latchset, lockset, closer, and other scheduled hardware illustrating style, color, and finish.
 - 2. Samples will be returned to supplier.

1.4 QUALITY ASSURANCE

- A. Standards for Fire-Rated Doors: Maintain one copy of each referenced standard on site, for use by Architect and Contractor.
- B. Perform work in accordance with the following requirements:
 - 1. NFPA 101.
 - 2. NFPA 80.
 - 3. NFPA 252.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

1.6 COORDINATION

- A. Coordinate the work with other directly affected Sections involving manufacture or fabrication of internal reinforcement for door hardware.
- B. Furnish templates for door and frame preparation.
- C. Coordinate Owner's keying requirements during the course of the Work.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five years from date of Substantial Completion.

1.8 MAINTENANCE PRODUCTS

- A. Provide maintenance tools and accessories supplied by hardware component manufacturer.

SECTION 08 71 00 – DOOR HARDWARE

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Hardware Manufacturers: As indicated in Door Hardware Schedule.
- B. Hardware Products:
 - 1. Hinges.
 - 2. Locks, Latches and Bolts.
 - 3. Push/Pulls.
 - 4. Exit Devices.
 - 5. Closers.
 - 6. Stops, Strikes, and Holders.
 - 7. Thresholds.
 - 8. Weatherstripping.

2.2 GENERAL REQUIREMENTS FOR DOOR HARDWARE PRODUCTS

- A. Provide products that comply with the following:
 - 1. Applicable provisions of Federal, State, and local Codes.
- B. Finishes: All hardware shall be polished brass unless otherwise indicated.

2.3 KEYING

- A. All locks shall be construction mastered keyed. Provide two (2) change of keys for all locks. Obtain owner's keying requirements and approval of final keying. Tag all keys above change keys and forward by registered mail direct from manufacturer to Owner.

2.4 KEY CONTROLS

- A. Fire Department Lock Box: Heavy-duty, surface mounted, solid stainless-steel box with hinged door and interior gasket seal; single drill resistant lock with dust covers and tamper alarm.
- B. Manufacturer and Product: Subject to compliance with requirements, provide the following:
 - 1. Knox Company; Knox-Box 3200 Series Hinged Door Model; Website: www.knoxbox.com.
- C. Capacity: Holds 10 keys.
- D. Finish: Manufacturer's standard Dark Bronze.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that doors and frames are ready to receive work and dimensions are as indicated on approved Shop Drawings.

3.2 INSTALLATION

- A. Install hardware in accordance with manufacturer's instructions and applicable codes.
- B. Use templates provided by hardware item manufacturer.
- C. Install hardware on fire-rated doors and frames in accordance with Building Code and NFPA 80.
- D. Mounting heights for hardware from finished floor to center line of hardware item: As listed in Schedule, unless otherwise noted:
 - 1. For steel doors: Comply with DHI "Recommended Locations for Architectural Hardware for Steel Doors and Frames."
 - 2. For wood doors: Comply with DHI "Recommended Locations for Architectural Hardware for Wood Flush Doors."
 - 3. For key controls: Locate as directed by authorities having jurisdiction. Install in accordance with manufacturer's written installation instructions.

3.3 ADJUSTING

- A. Adjust work under provisions of Division 01 Section "Execution".
- B. Adjust hardware for smooth operation.

3.4 PROTECTION

- A. Protect finished Work under provisions of Division 01 Section "Execution".
- B. Do not permit adjacent work to damage hardware or finish.

3.5 FINAL

- A. At completion of the project, the hardware supplier shall review the keying systems, adjustment and maintenance procedures with the Owner. The hardware supplier is to inspect the project after installation and adjust builder's hardware for proper operation and function of each door. Lubricate and clean each item. Instruct Owner's personnel in proper maintenance and adjustment of work and furnish him a complete set of adjustment tools.

SECTION 08 71 00 – DOOR HARDWARE

3.6 SCHEDULED DOOR HARDWARE

1. MK - McKinney
2. MR - Markar
3. YA - Yale
4. RO - Rockwood
5. RF - Rixson
6. NO - Norton
7. PE - Pemko

Hardware Sets

Set: 1.0 (DOOR 120)

Hinge	T4A3386 x NRP	US32D	MK
1 Exit Device	7100 PB627F	630	YA
1 Cylinder	AS REQUIRED	630	YA
1 Surface Closer	CPS7500	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Threshold	2005AT		PE
1 Set Weatherstrip	303AS		PE
1 Sweep	3452CNB		PE

Set: 2.0 (DOOR 118, 121, 122)

Hinge	TA2714	US26D	MK
1 Exit Device	7100 PB626F	630	YA
1 Cylinder	AS REQUIRED	630	YA
1 Door Closer	PR8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 3.0 (DOOR 108)

Hinge	TA2714	US26D	MK
1 Exit Device	7100F PB626F	630	YA
1 Cylinder	AS REQUIRED	630	YA
1 Door Closer	PR8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals	S88D		PE

Set: 4.0 (DOOR 110, 111)

Hinge	TA2714	US26D	MK
1 Push Plate	70C	US32D	RO
1 Pull Plate	111 x 70C	US32D	RO
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 5.0 (DOOR 102, 103, 103B)

Hinge	TA2714	US26D	MK
1 Passage Latch	PB 5401LN	626	YA
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 6.0 (DOOR 100, 109, 116)

Hinge	TA2714	US26D	MK
1 Passage Latch	PB 5401LN	626	YA
1 Door Closer	PR8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 7.0 (DOOR 113)

Hinge	TA2714	US26D	MK
1 Passage Latch	PB 5401LN	626	YA
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE
1 Hardware	SEE NOTE BELOW		00

NOTE: PROVIDE OVERHEAD STOP IN LIEU OF WALL STOP WHERE APPLICABLE.

SECTION 08 71 00 – DOOR HARDWARE

Set: 8.0 (DOOR 104, 105, 106)

Hinge	TA2714	US26D	MK
1 Office Lock	PB 5407LN	626	YA
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 9.0 (DOOR 101)

Hinge	TA2714	US26D	MK
1 Classroom Lock	PB 5408LN	626	YA
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 10.0 (DOOR 107)

Hinge	TA2714	US26D	MK
1 Classroom Lock	PB 5408LN	626	YA
1 Overhead Stop	10-X36	630	RF
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Set Door Seals/Silencers	S88D/608 AS REQUIRED		PE

Set: 11.0 (DOOR 100)

Hinge	TA2314	US32D	MK
1 Passage Latch	PB 5401LN	626	YA
1 Door Closer	CPS8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Threshold	171A		PE
1 Set Weatherstrip	303AS		PE
1 Door Bottom	222APK		PE

Set: 12.0 (DOOR 115)

Hinge	TA2314	US32D	MK
1 Classroom Lock	PB 5408LN	626	YA
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Threshold	171A		PE
1 Set Weatherstrip	303AS		PE
1 Door Bottom	222APK		PE
1 Hardware	SEE NOTE BELOW		00

Set: 13.0 (DOOR 113)

Hinge	TA2314	US32D	MK
1 Storeroom Lock	PB 5405LN	626	YA
1 Door Closer	8501	689	NO
1 Kick Plate	K1050 8" HIGH CSK	US32D	RO
1 Door Stop	409/441CU	US26D	RO
1 Threshold	171A		PE
1 Set Weatherstrip	303AS		PE
1 Door Bottom	222APK		PE

Set: 14.0

1 Cylinder	AS REQUIRED	630	YA
1 Hardware	SEE NOTE BELOW		00

NOTE: OVERHEAD DOOR - BALANCE OF HARDWARE TO BE SUPPLIED BY DOOR MANUFACTURER.

END OF SECTION 08 71 00



09-15-2021



LAURINBURG NORTH FIRE STATION

FINISH LEGEND

DESIGNATION	FINISH TYPE	MANUFACTURER	STYLE NAME / NUMBER	COLOR NAME / SIZE	LOCATION / COMMENTS
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA LAY-IN REGULAR, 15/16" GRID	WHITE / 24" X 24"	TYPICAL LAY IN CEILING
CPT-1	CARPET TILE	SHAW	BLEND TILE	RUST / 24" X 24"	
EF-1	EPOXY FLOORING	PROMAR	3000	TBD	APPARATUS BAY
GWB-1	GYPSUM WALL BOARD	TBD	TBD	GWB TYPE IN CEILING TO MATCH GWB IN ADJ. WALL	SEE FINISH PLANS
LVT-1	LUXURY VINYL TILE	MANNINGTON	TBD	TBD	
PLAM-1	LAMINATE	WILSONART	PREMIUM LAMINATE	TBD	CASEWORK VERTICAL SURFACES
PLAM-2	LAMINATE	WILSONART	SOLID CORE LAMINATE	TBD	CASEWORK HORIZONTAL SURFACES
PNT-1	PAIN	SHERWIN WILLIAMS	EGGSHELL	TBD	FIELD PAINT, TYP.
PNT-2	PAIN	SHERWIN WILLIAMS	EGGSHELL	TBD	ACCENT PAINT - SEE FINISH SCHEDULE
PNT-3	PAIN	SHERWIN WILLIAMS	EGGSHELL	TBD	ACCENT PAINT - SEE FINISH SCHEDULE
PNT-4	PAIN	SHERWIN WILLIAMS	FLAT	TBD	GWB / EXPOSED CEILING PAINT, TYP.
PNT-5	PAIN	SHERWIN WILLIAMS	SEMI-GLOSS	TBD	TRIM PAINT, TYP.
RB-1	RUBBER BASE	TARKETT	TRADITIONAL VINYL BASE	TBD	SEE FINISH PLANS
RF-1	RUBBER FLOORING	DINOFLEX	DIRECT-APPLIED SPORTMAT	TBD	SEE FINISH PLANS
SC-1	SEALED CONCRETE	SHERWIN WILLIAMS	REACTIVE CONCRETE SEALER	NO COLOR	8" 4,000 PSI, #6 BARS 12" O.C. EACH WAY
SSM-1	SOLID SURFACE COUNTERTOP	CORIAN	QUARTZ	TBD	SEE FINISH SCHEDULE
T-1	FLOOR TILE	TBD	TBD	TBD	RESTROOM FLOOR TILES / 4" X 12" COORDINATING COVE BASE TO MATCH
T-2	FLOOR TILE	TBD	TBD	TBD	SHOWER FLOOR TILES / 4" X 12" COORDINATING COVE BASE TO MATCH
T-3	WALL TILE	TBD	TBD	TBD	RESTROOM WALL TILES / COORDINATING BULLNOSE TO MATCH
VCT-1	VINYL COMPOSITION TILE	ARMSTRONG	STANDARD EXCELRON	TBD	SEE FINISH PLANS

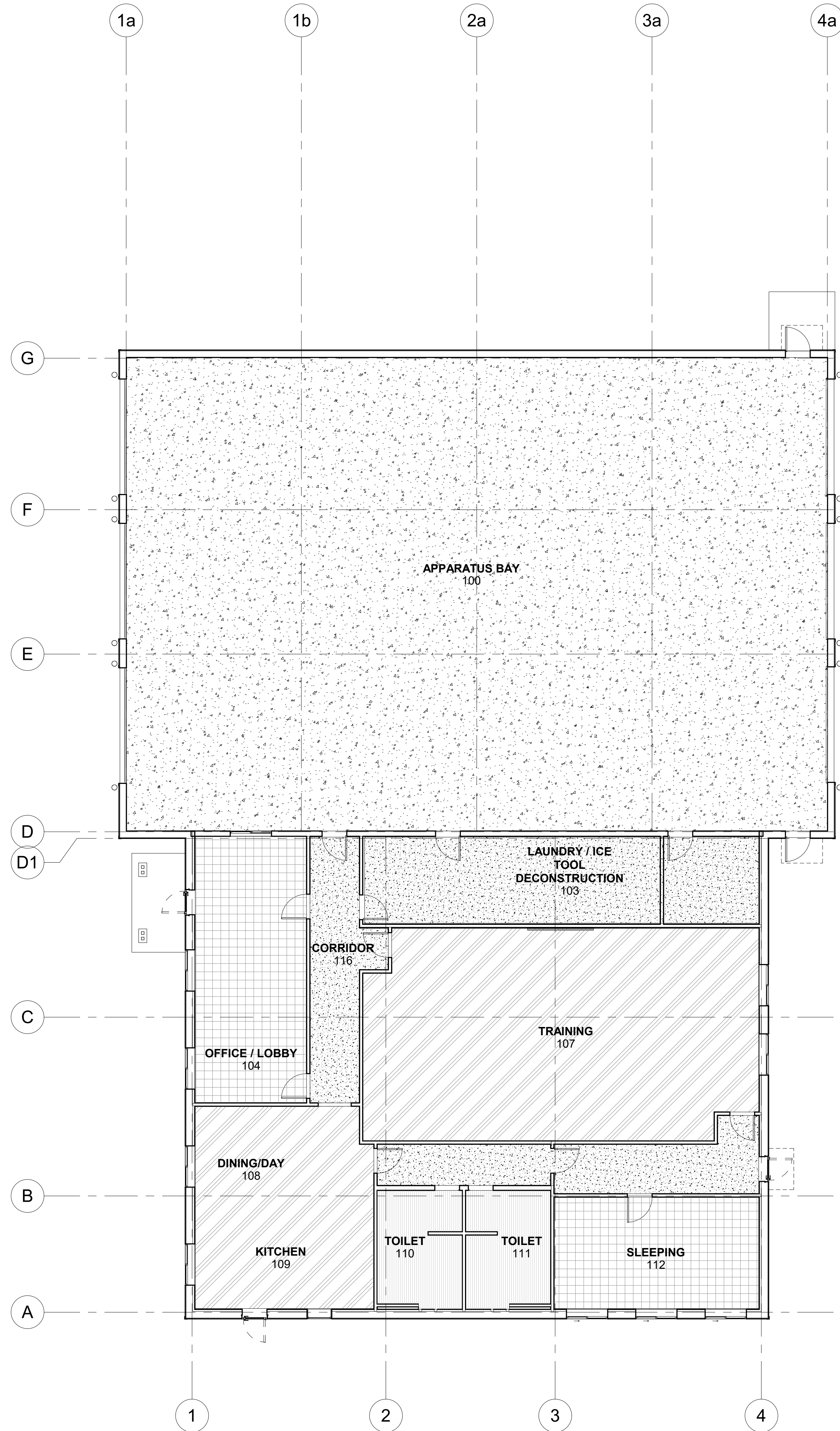
GENERAL NOTES:

- ALL NEW WALL AND CEILING FINISHES SHALL COMPLY WITH 803 OF THE IFC AND FLOOR FINISHES SHALL COMPLY WITH 804 OF THE IFC.
- GC SHALL BE RESPONSIBLE FOR COMPLYING WITH VOLATILE ORGANIC COMPOUND REGULATIONS FOR ALL FINISH MATERIALS.
- GC SHALL PROVIDE GWB FINISH IN COMPLIANCE WITH ASSOCIATION G214-86.
- FLOOR SURFACE SHALL BE CLEAN AND CLEAR OF DEBRIS OR MATERIAL PRIOR TO CONSTRUCTION. FLOAT AND SCRAPE TO PROVIDE LEVEL SURFACE FOR NEW SPECIFIED FINISH.
- CONTRACTOR SHALL PROVIDE NECESSARY SHORING OR TEMPORARY SUPPORT AS REQUIRED.
- ALL CUTTING AND PATCHING WORK SHALL BE DONE IN A NEAT MANNER WITH QUALITY WORKMANSHIP AND IN ACCORDANCE WITH A PROFESSIONAL STANDARD OF CARE.
- ALL FINISHES SPECIFIED ARE APPROVED BY THE OWNER; NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PROPER APPROVAL FROM OWNER & INTERIOR DESIGNER IN WRITING.
- REFER TO THE CONSTRUCTION PLANS DIMENSIONS FOR ALL PRELIMINARY FINISH MATERIAL TAKE-OFFS. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDER PLACEMENT.
- UNLESS NOTED OTHERWISE (U.N.O.), PROVIDE SATIN ALUMINUM FINISH TRANSITION STRIPS BY SCHLUTER OR EQUAL AT ALL FLOOR FINISH TRANSITIONS. VINYL AND MARBLE THRESHOLDS WILL NOT BE ACCEPTED. U.N.O. TRANSITION FINISHES AT CENTER OF DOOR, FLOAT OR FEATHER ALL FLOORING MATERIALS AS REQUIRED TO ENSURE A LEVEL TRANSITION BETWEEN MATERIALS OF VARYING THICKNESS. CHANGES IN LEVEL SHALL BE 1/4" MAXIMUM VERTICAL AND 1/2" MAXIMUM WITH A 1:2 BEVEL.
 - SIMILAR HEIGHT TRANSITIONS - SCHLUTER SCHIENE, SATIN ANODIZED ALUMINUM
 - CARPET TO LVT - SCHLUTER RENO-TK OR RENO U, SATIN ANODIZED ALUMINUM
 - ALTERNATE: ROPPE SLIM PROFILE CARPET REDUCER STRIP, COLOR TBD
- TRANSITION FINISHES SHALL OCCUR AT CENTER OF DOOR OPENING OR AS INDICATED ON FLOOR PLANS.
- CONTINUE FLOORING AND WALL BASE MATERIAL AS SCHEDULED UNDER MILLWORK AND INTO ALL MILLWORK RECESSES.
- WALLS THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ELECTRICAL PANELS, ETC., SHALL BE PAINTED THE COLOR OF THE WALL IN WHICH IT IS LOCATED.
- CEILING THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ETC., SHALL BE PAINTED CEILING COLOR.
- ALL ELECTRICAL OUTLET COVERS & PLUGS SHALL MATCH AND BE WHITE IN COLOR WITH WHITE PLUGS. DARK WALLS SHALL BE BLACK WITH BLACK PLUGS. FLOORBOXES TO BE METAL, NOT PLASTIC, SATIN ALUMINUM FINISH.
- ALL SURFACES RECEIVING PAINT, VARNISH, OR WALL COVERING SHALL BE PREPARED ACCORDING TO MANUFACTURER'S SPECIFICATIONS FOR APPLIED FINISH PRIOR TO INSTALLATION OR APPLICATION OF FINISH MATERIAL. WHETHER GYPSUM BOARD, CMU, BRICK, ETC. PAINTER TO DETERMINE CORRECT PAINT TYPE FOR INSTALLATION.
- PAINT INSTALLATION SHALL CONSIST OF MIN. ONE COAT OF PRIMER AND MIN. TWO COATS OF SPECIFIED PAINT TO PRODUCE A SATISFACTORY FINISH APPEARANCE. INSTALLATION OF ALL PAINT MATERIALS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. CORRECT PAINT TYPE AND FINISH TO BE DETERMINED BY PAINTER FOR GYPSUM BOARD, CMU, BRICK, ETC. TYPE WALLS.
 - WHERE NEEDED, ALL PTD INTERIOR HOLLOW METAL FRAMES SHALL RECEIVE A WATERBASED ALKYD SEMI-GLOSS PAINT WITH LOW VOC'S. COLOR SHALL MATCH EXISTING WALL FRAME.
 - U.N.O. ALL GWB CEILINGS SHALL RECEIVE FLAT FINISH.
 - U.N.O. ALL GWB WALLS SHALL RECEIVE EGGSHELL FINISH.
- DOORS: SEE ARCHITECTURAL DOOR SCHEDULE.
- ALL FLOORING MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. INSTALLATION SHALL BE FREE OF ABRASION, BUBBLES, CRACKS, AND OTHER IMPERFECTIONS. SEAMING SHALL BE VISIBLY CONCEALED.
- PROVIDE WATERPROOF AND CRACK ISOLATION MEMBRANE IN ALL AREAS RECEIVING PORCELAIN FLOOR TILE. PROVIDE APPROPRIATE EXPANSION AND CONTROL JOINTS PER CURRENT T.C.N.A. RECOMMENDATIONS. REFER TO TCNA EJ-171-09 FOR MOVEMENT JOINTS - VERTICAL AND HORIZONTAL.
- TILE AND SUBSTRATE SHALL BE INSTALLED PER TCNA GUIDELINES.
- ALL FLOOR GROUT TO BE LATICRETE SPECTRALOCK PRO PREMIUM GROUT - COLOR TO BE SUBMITTED AND APPROVED BY ARCHITECT/DESIGNER.
- G.C. TO FINISH GWB TO FINISHED FLOOR SO THAT BASE IS APPLIED TO A SMOOTH SURFACE.
- FLOORING PATTERN HATCHING IS FOR MATERIAL INFORMATION AND DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT FLOORING SEAMING / PATTERN LAYOUT DIAGRAM TO INTERIOR DESIGNER FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND INSTALLATION. INDICATE ON CARPET SEAMING DIAGRAM THE DIRECTION OF PATTERN INSTALLATION. CUT TILES LESS THAN 1/3 OF A FULL SIZE PIECE WILL NOT BE ACCEPTED. COORDINATE WITH ARCHITECT AS REQUIRED TO AVOID PORCELAIN TILE "SLIVERS".
- CEILINGS SHALL BE INSTALLED PER PLAN DIAGRAMS. CEILINGS SHALL BE INSTALLED TO AVOID TILE "SLIVERS". CUT TILES LESS THAN 6" WILL NOT BE ACCEPTED.
- REFER TO INTERIOR ELEVATIONS FOR ALL MILLWORK FINISH DESIGNATIONS.
- GC SHALL SUBMIT FINISH SAMPLES TO INTERIOR DESIGNER AND ARCHITECT FOR REVIEW PRIOR TO ORDER AND INSTALLATION.
- PAINT IN BATHROOMS, LAUNDRY ROOMS, AND SHOWER ROOMS TO BE MOISTURE AND MOLD RESISTANT.
- BATHROOMS TO HAVE TILE AT WET WALLS ONLY. SEE INTERIOR ELEVATIONS.

FLOOR FINISH LEGEND

	EF-1
	SC-1
	CPT-1
	LVT-1
	TILE-1

*PLAN FOR PATTERN PURPOSES ONLY. REFER TO FINISH SCHEDULE LEGEND FOR PRODUCT INFORMATION



Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
100	APPARATUS BAY	EF-1	EF-1	OTS/PNT-#	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
103	LAUNDRY / ICE TOOL DECONSTRUCTION	SC-1	RB-1	OTS/PNT-#	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
104	OFFICE / LOBBY	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
107	TRAINING	LVT-1	RB-1	OTS	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
108	DINING/DAY	LVT-1	RB-1	ACT-1	PLAM-1	PLAM-2	PNT-1	PNT-1	PNT-1	PNT-1	
109	KITCHEN	LVT-1	RB-1	ACT-1	PLAM-1	PLAM-2	PNT-2	PNT-2	PNT-2	PNT-2	
110	TOILET	TILE-1	TILE-1	ACT-1	PLAM-1	PLAM-2	PNT-1	PNT-1	PNT-1	PNT-1	
111	TOILET	TILE-1	TILE-1	ACT-1	PLAM-1	PLAM-2	PNT-1	PNT-1	PNT-1	PNT-1	
112	SLEEPING	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
113	STORAGE	SC-1	RB-1	OTS/PNT-#	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
114	CORRIDOR	SC-1	RB-1	ACT-1	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
115	CORRIDOR	SC-1	RB-1	ACT-1	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
116	CORRIDOR	SC-1	RB-1	ACT-1	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
117	STORAGE	SC-1	RB-1	ACT-1	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	



09-15-2021



LAURINBURG NORTH FIRE STATION

Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
104	OFFICE 1 / LOBBY	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
105	OFFICE 2	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
106	OFFICE 3	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	

Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
112	SLEEPING 1	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
113	SLEEPING 2	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	
114	SLEEPING 3	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-2	PNT-2	PNT-2	PNT-2	

Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
107	TRAINING	CPT-1	RB-1	ACT-1	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	

Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
101	STORAGE	SC-1	RB-1	OTS	N/A	PLAM-2	PNT-1	PNT-1	PNT-1	PNT-1	
102	TOOL / DECONTAMINATION	SC-1	RB-1	OTS	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	
103	LAUNDRY/ICE	SC-1	RB-1	OTS	N/A	N/A	PNT-1	PNT-1	PNT-1	PNT-1	

- ALTERNATE 2 & 3 HAVE FINISHES IN BASE BID BUT NEED TO INSTALL ADDITIONAL FINISHES TO SEPERATE SINGLE ROOM INTO MULTIPLE ROOMS
- ALTERNATE 5 HAS FINISHES IN BASE BID BUT NEED TO INSTALL ADDITIONAL FINISHES TO AND ADD ACT CEILING AS SCHEDULED TO SEPERATE SINGLE ROOM INTO MULTIPLE ROOMS

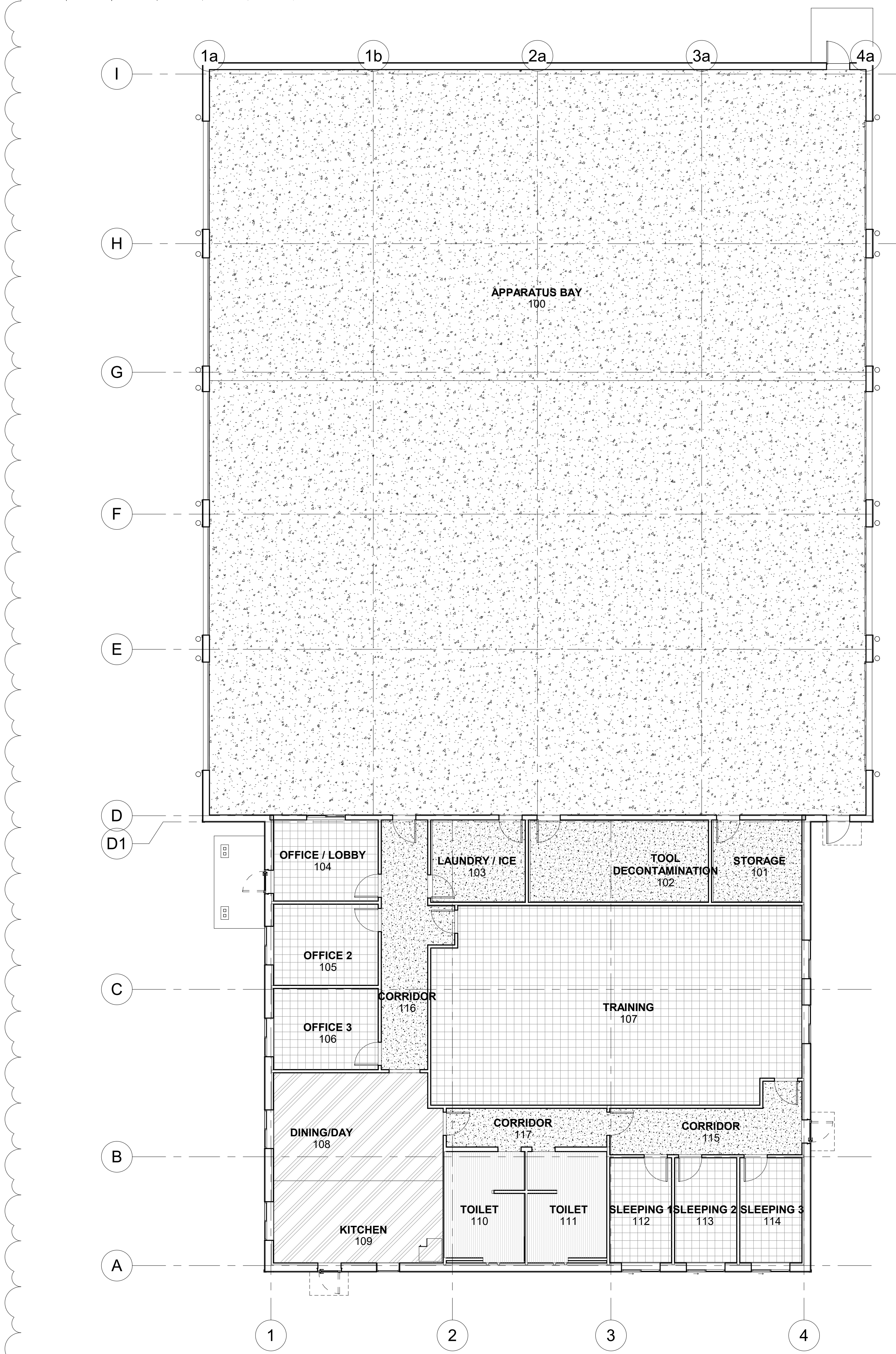
DESIGNATION	FINISH TYPE	MANUFACTURER	STYLE NAME/ NUMBER	COLOR NAME / SIZE	LOCATION/ COMMENTS
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA LAY-IN TEGULAR, 15/16" GRID	WHITE / 24" X 24"	TYPICAL LAY IN CEILING
CPT-1	CARPET TILE	SHAW	BLENDE TILE	RUST / 24" X 24"	
EF-1	EPOXY FLOORING	PROMAR	3000	TBD	APPARATUS BAY
GWB-1	GYPSUM WALL BOARD	TBD	TBD	GWB TYPE IN CEILING TO MATCH GWB IN ADJ. WALL	SEE FINISH PLANS
LVT-1	LUXURY VINYL TILE	MANNINGTON	TBD	TBD	
PLAM-1	LAMINATE	WILSONART	PREMIUM LAMINATE	TBD	CASEWORK VERTICAL SURFACES
PLAM-2	LAMINATE	WILSONART	SOLID CORE LAMINATE	TBD	CASEWORK HORIZONTAL SURFACES
PNT-1	PAINT	SHERWIN WILLIAMS	EGGSHELL	TBD	FIELD PAINT, TYP.
PNT-2	PAINT	SHERWIN WILLIAMS	EGGSHELL	TBD	ACCENT PAINT - SEE FINISH SCHEDULE
PNT-3	PAINT	SHERWIN WILLIAMS	EGGSHELL	TBD	ACCENT PAINT - SEE FINISH SCHEDULE
PNT-4	PAINT	SHERWIN WILLIAMS	FLAT	TBD	GWB / EXPOSED CEILING PAINT, TYP.
PNT-5	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	TBD	TRIM PAINT, TYP.
RB-1	RUBBER BASE	TARKETT	TRADITIONAL VINYL BASE	TBD	SEE FINISH PLANS
RF-1	RUBBER FLOORING	DINOFLEX	DIRECT-APPLIED SPORTMAT	TBD	SEE FINISH PLANS
SC-1	SEALED CONCRETE	SHERWIN WILLIAMS	REACTIVE CONCRETE SEALER	NO COLOR	8" 4,000 PSL #6 BARS 12" O.C. EACH WAY
SSM-1	SOLID SURFACE COUNTERTOP	CORIAN	QUARTZ	TBD	SEE FINISH SCHEDULE
T-1	FLOOR TILE	TBD	TBD		RESTROOM FLOOR TILES / 4" X 12" COORDINATING COVE BASE TO MATCH
T-2	FLOOR TILE	TBD	TBD		SHOWER FLOOR TILES / 4" X 12" COORDINATING COVE BASE TO MATCH
T-3	WALL TILE	TBD	TBD		RESTROOM WALL TILES / COORDINATING BULLNOSE TO MATCH
VCT-1	VINYL COMPOSITION TILE	ARMSTRONG	STANDARD EXCELON	TBD	SEE FINISH PLANS

GENERAL NOTES:

- ALL NEW WALL AND CEILING FINISHES SHALL COMPLY WITH 803 OF THE IFC AND FLOOR FINISHES SHALL COMPLY WITH 804 OF THE IFC.
- GC SHALL BE RESPONSIBLE FOR COMPLYING WITH VOLATILE ORGANIC COMPOUND REGULATIONS FOR ALL FINISH MATERIALS.
- GC SHALL PROVIDE GWB FINISH IN COMPLIANCE WITH GYPSUM ASSOCIATION GA214-96
- FLOOR SURFACE SHALL BE CLEAN AND CLEAR OF DEBRIS OR MATERIAL PRIOR TO CONSTRUCTION. FLOAT AND SCRAPE TO PROVIDE LEVEL SURFACE FOR NEW SPECIFIED FINISH.
- CONTRACTOR SHALL PROVIDE NECESSARY SHORING OR TEMPORARY SUPPORT AS REQUIRED.
- ALL CUTTING AND PATCHING WORK SHALL BE DONE IN A NEAT MANNER WITH QUALITY WORKMANSHIP AND IN ACCORDANCE WITH A PROFESSIONAL STANDARD OF CARE.
- ALL FINISHES SPECIFIED ARE APPROVED BY THE OWNER; NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PROPER APPROVAL FROM OWNER & INTERIOR DESIGNER IN WRITING.
- REFER TO THE CONSTRUCTION PLANS DIMENSIONS FOR ALL PRELIMINARY FINISH MATERIAL TAKE-OFFS. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDER PLACEMENT.
- UNLESS NOTED OTHERWISE (U.N.O.), PROVIDE SATIN ALUMINUM FINISH TRANSITION STRIPS BY SCHLUTER OR EQUAL AT ALL FLOOR FINISH TRANSITIONS. VINYL AND MARBLE THRESHOLDS WILL NOT BE ACCEPTED. U.N.O., TRANSITION FINISHES AT CENTER OF DOOR. FLOAT OR FEATHER ALL FLOORING MATERIALS AS REQUIRED TO ENSURE A LEVEL TRANSITION BETWEEN MATERIALS OF VARYING THICKNESS. CHANGES IN LEVEL SHALL BE 1/4" MAXIMUM VERTICAL AND 1/2" MAXIMUM WITH A 1:2 BEVEL.
 - SIMILAR HEIGHT TRANSITIONS = SCHLUTER SCHIENE, SATIN ANODIZED ALUMINUM
 - TILE TO CARPET
 - CARPET TO LVT = SCHLUTER RENO-TK OR RENO U, SATIN ANODIZED ALUMINUM
 - ALTERNATE: ROPPE SLIM PROFILE CARPET REDUCER STRIP, COLOR TBD
- TRANSITION FINISHES SHALL OCCUR AT CENTER OF DOOR OPENING OR AS INDICATED ON FLOOR PLANS
- CONTINUE FLOORING AND WALL BASE MATERIAL AS SCHEDULED UNDER MILLWORK AND INTO ALL MILLWORK RECESSES.
- WALLS THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ELECTRICAL PANELS, ETC., SHALL BE PAINTED THE COLOR OF THE WALL IN WHICH IT IS LOCATED.
- CEILINGS THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ETC., SHALL BE PAINTED CEILING COLOR.
- ALL ELECTRICAL OUTLET COVERS & PLUGS SHALL MATCH AND BE WHITE IN COLOR WITH WHITE PLUGS. DARK WALLS SHALL BE BLACK WITH BLACK PLUGS. DOORKICKS TO BE METAL, NOT PLASTIC, SATIN ALUMINUM FINISH.
- ALL SURFACES RECEIVING PAINT, VARNISH, OR WALLCOVERING SHALL BE PREPARED ACCORDING TO MANUFACTURER'S SPECIFICATIONS FOR APPLIED FINISH PRIOR TO INSTALLATION OR APPLICATION OF FINISH MATERIAL WHETHER GYPSUM BOARD, CMU, BRICK, ETC. PAINTER TO DETERMINE CORRECT PAINT TYPE FOR INSTALLATION.
- PAINT INSTALLATION SHALL CONSIST OF MIN. ONE COAT OF PRIMER AND MIN. TWO COATS OF SPECIFIED PAINT TO PRODUCE A SATISFACTORY FINISH APPEARANCE. INSTALLATION OF ALL PAINT MATERIALS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS; CORRECT PAINT TYPE AND FINISH TO BE DETERMINED BY PAINTER FOR GYPSUM BOARD, CMU, BRICK, ETC. TYPE WALLS.
 - WHERE NEEDED, ALL PTD, INTERIOR HOLLOW METAL FRAMES SHALL RECEIVE A WATERBASED ALKYD SEMI-GLOSS PAINT WITH LOW VOC'S. COCKS SHALL MATCH EXISTING WALL FRAME.
 - U.N.O., ALL GWB CEILINGS SHALL RECEIVE FLAT FINISH.
 - U.N.O., ALL GWB WALLS SHALL RECEIVE EGGSHELL FINISH.
- DOORS: SEE ARCHITECTURAL DOOR SCHEDULE
- ALL FLOORING MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. INSTALLATION SHALL BE FREE OF ABRASION, BUBBLES, CRACKS, AND OTHER IMPERFECTIONS. SEAMING SHALL BE VISIBLY CONCEALED.
- PROVIDE WATERPROOF AND CRACK ISOLATION MEMBRANE IN ALL AREAS RECEIVING PORCELAIN FLOOR TILE. PROVIDE APPROPRIATE EXPANSION AND CONTROL JOINTS PER CURRENT T.C.N.A. RECOMMENDATIONS. REFER TO TCNA EJ-171-09 FOR MOVEMENT JOINTS - VERTICAL AND HORIZONTAL.
- ALL FLOOR GROUT TO BE LATICRETE SPECTRALOCK PRO PREMIUM GROUT. COLOR TO BE SUBMITTED AND APPROVED BY ARCHITECT/DESIGNER
- G.C. TO FINISH GWB TO FINISHED FLOOR SO THAT BASE IS APPLIED TO A SMOOTH SURFACE.
- FLOORING PATTERN HATCHING IS FOR MATERIAL INFORMATION AND DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT FLOORING SEAMING / PATTERN LAYOUT DIAGRAM TO INTERIOR DESIGNER FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND INSTALLATION. INDICATE ON CARPET SEAMING DIAGRAM THE DIRECTION OF PATTERN INSTALLATION. CUT TILES LESS THAN 1/3 OF A FULL SIZE PIECE WILL NOT BE ACCEPTED. COORDINATE WITH ARCHITECT AS REQUIRED TO AVOID PORCELAIN TILE "SLIVERS".
- CEILINGS SHALL BE INSTALLED PER PLAN DIAGRAMS. CEILINGS SHALL BE INSTALLED TO AVOID TILE "SLIVERS". CUT TILES LESS THAN 6" WILL NOT BE ACCEPTED.
- REFER TO INTERIOR ELEVATIONS FOR ALL MILLWORK FINISH DESIGNATIONS.
- GC SHALL SUBMIT FINISH SAMPLES TO INTERIOR DESIGNER AND ARCHITECT FOR REVIEW PRIOR TO ORDER AND INSTALLATION.
- PAINT IN BATHROOMS, LAUNDRY ROOMS, AND SHOWER ROOMS TO BE MOISTURE AND MOLD RESISTANT.
- BATHROOMS TO HAVE TILE AT WET WALLS ONLY. SEE INTERIOR ELEVATIONS.

	EF-1
	SC-1
	CPT-1
	LVT-1
	TILE-1

*PLAN FOR PATTERN PURPOSES ONLY. REFER TO FINISH SCHEDULE LEGEND FOR PRODUCT INFORMATION



1 ALTERNATE FINISH PLAN
1/8" = 1'-0"

No.	Description	Date
1	Addendum 2	12/13/2021

Project Number: 2020-062
Date: 9.15.2021
ALTERNATE FINISH PLAN, LEGEND, NOTES, & SCHEDULE
A30.21