Brunswick County Courthouse Addition & Renovations

Addendum 4

January 20, 2020

To: All Plan Holders

From: John R. Sawyer, AIA

SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE

General Items

Specification Items

1. Section 07 2500 Weather Barriers is revised to a performance specification and to require fluid applied weather barrier in all locations. Revised specification is enclosed.

2. Section 07 2400 Exterior Insulation & Finish Systems :

    a. Water resistive coating is deleted. EIFS is to be installed directly over the fluid applied weather barrier.

    b. EIFS adhesive shall be compatible with the weather barrier product installed. Weather barrier may be part of the EIFS system if the weather barrier coating performance specified in section 07 2500 is achieved by the EFIS weather barrier coating.

    c. In lieu of the drainage matt specified, XPS board with drainage grooves vertical may be used.

3. Section 08 1113 Hollow Metal Doors and Frames has been revised and is enclosed.

    a. All frames are to be fully welded, knock down frames may not be used.

    b. Detention hollow metal was added to the specification. Opening 1033A, 1042A, 2114A and 2115A are to be detention grade hollow metal.

4. Section 08 4229 Automatic Entrances is deleted. Power operators and controls are specified in section 08 7100.

Drawing Items

5. Drawing A1.2 room 3032B; The opening shown between this room and 3032A is a service window the window elevation will be similar 7-A7.0. Service windows are specified in section 08 5659.
6. Reflected Ceiling Plans : All accoustical tile ceilings shown are to have new ceiling tile as specified. As per the ceiling plan legend many areas do not

disturb the ceiling grid and only replace the ceiling tile. Bidders have requested better clarity of the RCP sheets. Revised ceiling plans are enclosed with the new and existing grid more clearly defined. Existing drawings and our field work finds no batt insulation above lay in ceilings.

7. Demolition Plans: Bidders have requested additonal information on the demolition plan sheets. Key notes have been added in each space to better define the demolition scope. Revised demolition plans are enclosed.

8. Drawing A4.6 , room 2114 & 2115 Wall construction in this area has been changed to 8" CMU. Wall finish to be painted CMU. Revised plan drawing is enclosed.

9. Drawing A 6.1;

    a. Change opening 2114A to door type D, frame depth 8 5/8"

    b. Change opening 2115A to frame depth 10 1/8"

10. Drawing A6.2;

    a. Door frame elevation AL1 is deleted.

    b. Door Type D in all instances and frame sidelight in opening 1042 and 2114A, glass is to be Type G-3 monolithic ½" thick as specified.

11. Drawing A7.2 ; Casework elevation 12 is added for room 1074.

12. S4.1: 1 & 2/S4.1- Window openings in Grid 23 SW1 & SW2 on the first floor were lowered, coordinating with Architectural drawings. A match line was added on 1 & 2/S4.1 to clarify CMU shear wall extents. Dimensions locating the mechanical room vent on 3/S4.1 were removed. Contractor is to coordinate location of vent with Architectural and Mechanical drawings.

Clarifications

13. Addenda #3 item 17 is not accurate. Wall section 1-A3.3 does occur as drawn in three locations. Pilasters are to be CMU to the roof at three pilaster locations as shown in the structural plans.

14. Existing elevators are Otis hydraulic. Service is performed by Charter Elevator.

15. Fire Protection Clarifications
    a. Is the existing structure above the second floor courtrooms fire proofed or rated in any way?

RESPONSE: The courtroom walls above these areas are one hour rated. A floor structure above these areas does not existing. The roof structure above these areas is not rated.

b. FP Drawings indicate a "Listed Expansion Loop" installed on all 3 floors from the existing building to the new addition. NFPA 13, 9.3.3 allows for a hard pipe seismic separation assembly utilizing 6 elbows and 10 flex couplings to be used in lieu of a Seismic loop. Whereas a seismic loop is. listed, NFPA does not require this device to be listed. The cost difference is substantial. Can a hard piped Seismic separation device be utilized?

RESPONSE: NFPA 13 9.3.3 requires "flexible fittings" or "flexible piping", as well as seismic bracing within 6 feet of the separation assembly (but not attached directly to the separation assembly). NFPA 13 6.1.1 requires this flexible piping and fittings to be listed. Listed Expansion Loops shall be as indicated in the bid documents.

16. Fees for building permits will be waived by the county.

Approved Substitutions

17. Air Block 17 MR Vapor Permeable Air Barrier (Medium Build) As manufactrued by Henry Company

End of Addendum 4

SECTION 07 2500
WEATHER BARRIERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Water-Resistive Barrier: Under exterior wall cladding, over sheathing or other substrate; not air tight or vapor retardant.

B. Air Barriers: Materials that form a system to stop passage of air through exterior walls, joints between exterior walls and roof, and joints around frames of openings in exterior walls.

1.02 RELATED REQUIREMENTS

A. Section 03 3000 - Cast-in-Place Concrete: Vapor retarder under concrete slabs on grade.

B. Section 05 4000 - Cold-Formed Metal Framing: Water-resistive barrier under exterior cladding.

C. Section 07 6200 - Sheet Metal Flashing and Trim: Metal flashings installed in conjunction with weather barriers.

D. Section 07 9005 - Joint Sealers: Sealant materials and installation techniques.

1.03 DEFINITIONS

A. Weather Barrier: Assemblies that form water-resistive barriers and air barriers and do not restrict moisture vapor moving from the interior to the exterior.

1.04 REFERENCE STANDARDS

A. ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers--Tension; 2016.

B. ASTM D1970/D1970M - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection; 2017.

C. ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials; 2016.

D. ASTM E2178 - Standard Test Method for Air Permeance of Building Materials; 2013.

1.05 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on material characteristics.

C. Manufacturer's Installation Instructions: Indicate preparation, installation methods, and storage and handling criteria.

1.06 FIELD CONDITIONS

A. Maintain temperature and humidity recommended by the materials manufacturers before, during and after installation.

PART 2 PRODUCTS

2.01 WEATHER BARRIER ASSEMBLIES

A. Water-Resistive Barrier: Provide on exterior walls under exterior cladding.

2.02 WEATHER BARRIER MATERIALS (WATER VAPOR PERMEABLE AND WATER-RESISTIVE)

A. LOCATION : **Exterior face of gypsum sheathing or masonry concealed by EFIS or exterior face of inner masonry wythe in cavity walls:** Fluid applied, vapor permeable, elastomeric.

1. Dry Film Thickness (DFT): 20 mil, 0.020 inch, minimum.
2. Air Permeance: 0.001 cubic feet per minute per square foot, maximum, when tested in accordance with ASTM E2178.
3. Water Vapor Permeance: 25 perms, minimum, when tested in accordance with ASTM E96/E96M, Procedure B.

4. Ultraviolet (UV) and Weathering Resistance: Approved in writing by manufacturer for up to six months of weather exposure after application.
5. Elongation: 300 percent, minimum, when tested in accordance with ASTM D412.
6. Nail Sealability: Pass, when tested in accordance with ASTM D1970/D1970M.

2.03 ACCESSORIES

A. Sealants, Tapes, and Accessories for Sealing Weather Barrier and Sealing Weather Barrier to Adjacent Substrates: As specified or as recommended by weather barrier manufacturer.

B. Flexible Flashing: Self-adhesive sheet flashing complying with ASTM D1970/D1970M, except slip resistance requirement is waived if not installed on a roof.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that surfaces and conditions are ready to accept the work of this section.

3.02 PREPARATION

A. Remove projections, protruding fasteners, and loose or foreign matter that might interfere with proper installation.

B. Clean and prime substrate surfaces to receive adhesives and sealants in accordance with manufacturer's instructions.

3.03 INSTALLATION

A. Install materials in accordance with manufacturer's instructions.

B. Obtain approval of installation procedures by the weather barrier manufacturer based on a mock-up installed in place, prior to proceeding with remainder of installation.

C. Install continuous air tight barrier over surfaces indicated, with sealed seams and with sealed joints to adjacent surfaces.

D. Coatings:
1. Prepare substrate in manner recommended by coating manufacturer; treat joints in substrate and between dissimilar materials as recommended by manufacturer.
2. Where exterior masonry veneer is to be installed over masonry backup, install masonry anchors before installing weather barrier over masonry; seal around anchors air tight.
3. Use flashing to seal to adjacent construction and to bridge joints.

E. Openings and Penetrations in Exterior Weather Barriers: Follow large scale drawings provided in the project drawing set. In the absense of applicable details the following will apply.
1. Extend weather barrier into opening full thickness of wall at sill, jamb and head protecting substraight from moisture.
2. Service and Other Penetrations: Form flashing around penetrating item and seal to weather barrier surface.

3.04 FIELD QUALITY CONTROL

A. See Section 01 4000 - Quality Requirements, for additional requirements.

B. Coordination of Tests and Inspections:
1. Allow access to barrier work areas and staging.
2. Do not cover barrier work until tested, inspected, and accepted.

C. Do not cover installed weather barriers until required inspections have been completed.

3.05 PROTECTION

A. Do not leave materials exposed to weather longer than recommended by manufacturer.

END OF SECTION

SECTION 08 1113
HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Non-fire-rated hollow metal doors and frames.

B. Hollow metal frames for wood doors.

C. Detention security hollow metal doors and frames.

D. Hollow metal borrowed lites glazing frames.

1.02 RELATED REQUIREMENTS

A. Section 08 7100 - Door Hardware.

B. Section 08 8000 - Glazing: Glass for doors and borrowed lites.

C. Section 09 9123 - Interior Painting: Field painting.

1.03 REFERENCE STANDARDS

A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.

B. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council; 2009.

C. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors; 2011.

D. ANSI/SDI A250.8 - Specifications for Standard Steel Doors and Frames (SDI-100); 2014.

E. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames; 2011.

F. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2017.

G. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable; 2016.

H. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2017.

I. BHMA A156.115 - American National Standard for Hardware Preparation in Steel Doors and Steel Frames; 2016.

J. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

K. ITS (DIR) - Directory of Listed Products; current edition.

L. NAAMM HMMA 830 - Hardware Selection for Hollow Metal Doors and Frames; 2002.

M. NAAMM HMMA 831 - Hardware Locations for Hollow Metal Doors and Frames; 2011.

N. NAAMM HMMA 840 - Guide Specifications for Installation and Storage of Hollow Metal Doors and Frames; 2007.

O. NAAMM HMMA 863 - Guide Specifications for Detention Security Hollow Metal Doors and Frames; 2014.

P. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2016.

Q. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; 2018.

R. UL (DIR) - Online Certifications Directory; Current Edition.

S. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies; Current Edition, Including All Revisions.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes; and one copy of referenced standards/guidelines.

C. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and any indicated finish requirements.

D. Manufacturer's Qualification Statement.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years documented experience.

B. Manufacturer Qualifications: Provide hollow metal doors and frames from SDI Certified manufacturer: www.steeldoor.org/sdicertified.php/#sle.

C. Maintain at project site copies of reference standards relating to installation of products specified.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Comply with NAAMM HMMA 840 or ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.

B. Protect with resilient packaging; avoid humidity build-up under coverings; prevent corrosion and adverse effects on factory applied painted finish.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Hollow Metal Doors and Frames:
1. Ceco Door, an Assa Abloy Group company; _____: www.assaabloydss.com/#sle.
2. Curries, an Assa Abloy Group company; _____: www.assaabloydss.com/#sle.
3. Republic Doors, an Allegion brand; ____: www.republicdoor.com/#sle.
4. Steelcraft, an Allegion brand; ____: www.allegion.com/#sle.
5. Pioneer Industrieswww.pioneerindustries.com
6. Substitutions: See Section 01 6000 - Product Requirements & SUBSTITUTIONS.

B. Detention Security Hollow Metal Doors and Frames:
1. AMBICO Limited; ____: www.ambico.com/#sle.
2. Republic Doors, an Allegion brand; ____: www.republicdoor.com/#sle.
3. Security Metal Products Corporation, an Assa Abloy Group company; _____: www.assaabloydss.com/#sle.

2.02 PERFORMANCE REQUIREMENTS

A. Requirements for Hollow Metal Doors and Frames:
1. Steel Sheet: Comply with one or more of the following requirements; galvannealed steel complying with ASTM A653/A653M, cold-rolled steel complying with ASTM A1008/A1008M, or hot-rolled pickled and oiled (HRPO) steel complying with ASTM A1011/A1011M, commercial steel (CS) Type B, for each.
2. Accessibility: Comply with ICC A117.1 and ADA Standards.
3. Glazed Lights: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings. Style: Manufacturers standard.
4. Hardware Preparations, Selections and Locations: Comply with NAAMM HMMA 830 and NAAMM HMMA 831 or BHMA A156.115 and ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.
5. Galvannealed All doors and frames : All components hot-dipped zinc-iron alloy-coated (galvannealed), A60/ZF180.

a. Based on SDI Standards: Provide at least A40/ZF120 (galvannealed) when necessary, coating not required for typical interior door applications, and at least A60/ZF180 (galvannealed) for corrosive locations.

6. Finish: Factory primed, for field finishing.

B. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with the specified requirements for each type; for instance, an exterior door that is also indicated as being sound-rated must comply with the requirements specified for exterior doors and for sound-rated doors; where two requirements conflict, comply with the most stringent.

2.03 HOLLOW METAL DOORS

A. Door Finish: Factory primed and field finished.

B. Interior Doors, Non-Fire Rated:
1. Based on SDI Standards: ANSI/SDI A250.8 (SDI-100).
a. Level 1 - Standard-duty.
b. Physical Performance Level C, 250,000 cycles; in accordance with ANSI/SDI A250.4.
c. Model 1 - Full Flush.
d. Door Face Metal Thickness: 20 gage, 0.032 inch, minimum.
2. Door Core Material: Manufacturers standard core material/construction and in compliance with requirements.
3. Door Thickness: 1-3/4 inch, nominal.

C. Fire-Rated Doors:
1. Based on SDI Standards: ANSI/SDI A250.8 (SDI-100).
a. Level 1 - Standard-duty.
b. Physical Performance Level C, 250,000 cycles; in accordance with ANSI/SDI A250.4.
c. Model 1 - Full Flush.
d. Door Face Metal Thickness: 20 gage, 0.032 inch, minimum.
2. Fire Rating: As indicated on Door Schedule, tested in accordance with UL 10C and NFPA 252 ("positive pressure fire tests").
a. Provide units listed and labeled by UL (DIR) or ITS (DIR).
b. Attach fire rating label to each fire rated unit.
3. Door Thickness: 1-3/4 inch, nominal.

D. Detention Security Doors; Interior:
1. Based on SDI Standards: ANSI/SDI A250.8 (SDI-100).
a. Level 1 - Standard-duty.
b. Physical Performance Level C, 250,000 cycles; in accordance with ANSI/SDI A250.4.
c. Model 1 - Full Flush.
d. Door Face Metal Thickness: 20 gage, 0.032 inch, minimum.
2. Door Core Material: Manufacturers standard core material/construction in compliance with requirements.
3. Door Thickness: As required to meet requirements indicated.
4. Hinge Rail and Reinforcement: Non-beveled edge, reinforced with continuous steel channel, 12 gage, 0.093 inch minimum metal thickness, welded at 5 inch on center maximum, and compatible with 4-1/2 inch full mortise template and continuous geared hinges.

2.04 HOLLOW METAL FRAMES

A. Comply with standards and/or custom guidelines as indicated for corresponding door in accordance with applicable door frame requirements.

B. General:
1. Finish: Factory primed, for field finishing.

C. Interior Door Frames, Non-Fire Rated: Full profile/continuously welded type.
1. Frame Metal Thickness: 18 gage, 0.042 inch, minimum.

D. Door Frames, Fire-Rated: Full profile/continuously welded type.
   1. Fire Rating: Same as door, labeled.

E. Commercial and/or Detention Security-Resistant Door Frames: With same security resistance as door; face welded or full profile/continuously welded construction, ground smooth, fully prepared and reinforced for hardware installation.

F. Frames for Wood Doors: Comply with frame requirements in accordance with corresponding door.

G. Borrowed Lites Glazing Frames: Construction and face dimensions to match door frames, and as indicated on drawings.

H. Transom Bars: Fixed, of profile same as jamb and head.

I. Provide mortar guard boxes for hardware cut-outs in frames to be installed in masonry or to be grouted.

J. Frames in Masonry Walls: Size to suit masonry coursing with head member 4 inch high to fill opening without cutting masonry units.

K. Frames Wider than 48 inches: Reinforce with steel channel fitted tightly into frame head, flush with top.

2.05 FINISHES

A. Primer: Rust-inhibiting, complying with ANSI/SDI A250.10, door manufacturer's standard.

2.06 ACCESSORIES

A. Glazing: As specified in Section 08 8000, factory installed.

B. Removable Stops: Formed sheet steel, shape as indicated on drawings, mitered or butted corners; prepared for countersink style tamper proof screws.

C. Grout for Frames: Portland cement grout with maximum 4 inch slump for hand troweling; thinner pumpable grout is prohibited.

D. Silencers: Resilient rubber, fitted into drilled hole; provide three on strike side of single door, three on center mullion of pairs, and two on head of pairs without center mullions.

E. Temporary Frame Spreaders: Provide for factory- or shop-assembled frames.

2.07 FINISHES

A. Primer: Rust-inhibiting, complying with ANSI/SDI A250.10, door manufacturer's standard.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that opening sizes and tolerances are acceptable.

C. Verify that finished walls are in plane to ensure proper door alignment.

3.02 PREPARATION

A. Coat inside of frames to be installed in masonry or to be grouted, with bituminous coating, prior to installation.

3.03 INSTALLATION

A. Install doors and frames in accordance with manufacturer's instructions and related requirements of specified door and frame standards or custom guidelines indicated.

B. Install fire rated units in accordance with NFPA 80.

C. Coordinate frame anchor placement with wall construction.

D. Grout frames in masonry construction, using hand trowel methods; brace frames so that pressure of grout before setting will not deform frames.

E. Install door hardware as specified in Section 08 7100.

F. Comply with glazing installation requirements of Section 08 8000.

G. Coordinate installation of electrical connections to electrical hardware items.

H. Touch up damaged factory finishes.

3.04 TOLERANCES

A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.

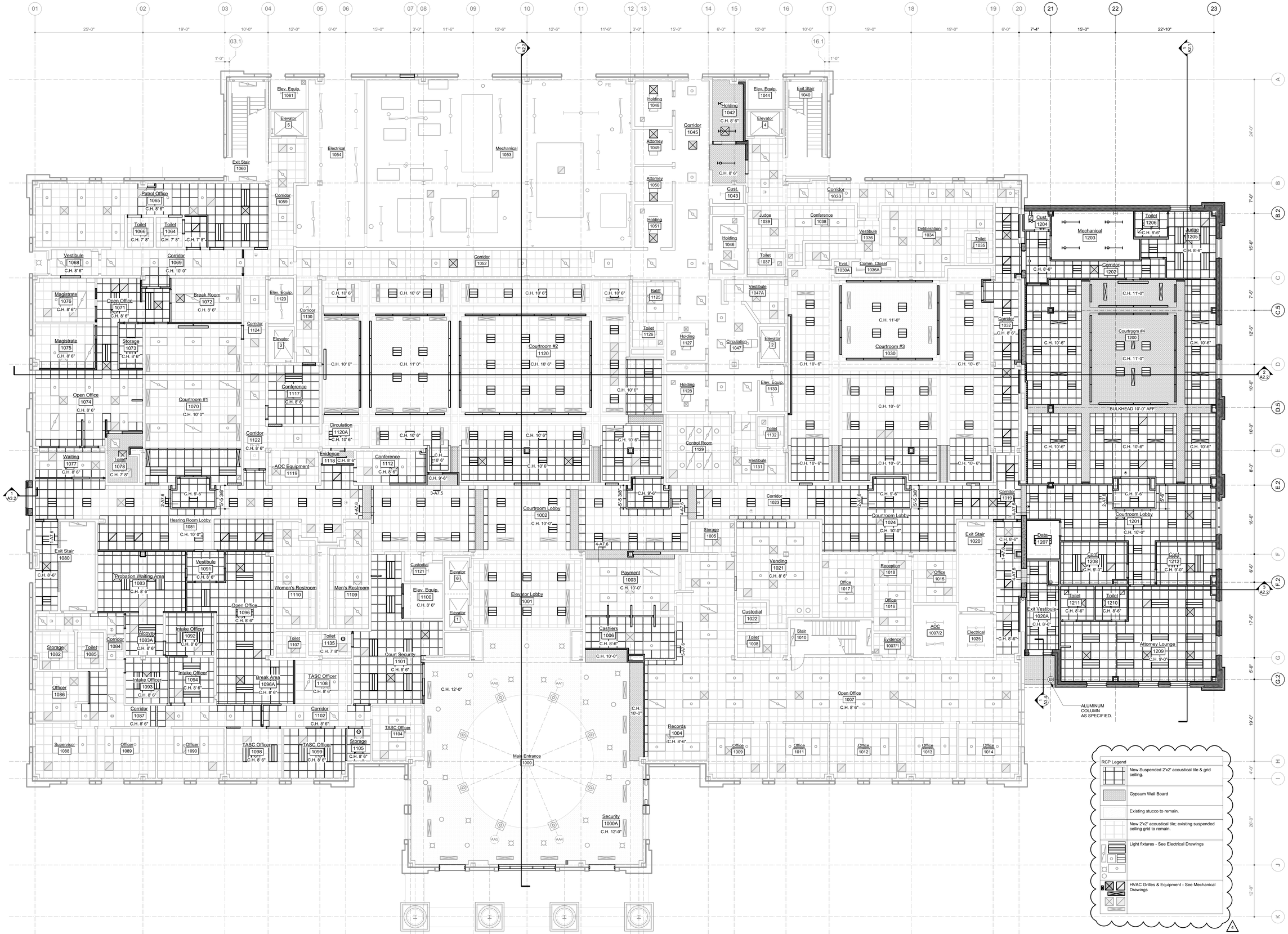
3.05 ADJUSTING

A. Adjust for smooth and balanced door movement.

3.06 SCHEDULE

A. Refer to Door and Frame Schedule on the drawings.

END OF SECTION



RCP Legend	
	New Suspended 2'x2' acoustical tile & grid ceiling.
	Gypsum Wall Board
	Existing stucco to remain.
	New 2'x2' acoustical tile; existing suspended ceiling grid to remain.
	Light fixtures - See Electrical Drawings
	HVAC Grilles & Equipment - See Mechanical Drawings

4

1 / A1.4 First Floor Reflected Ceiling Plan
Scale: 1/8" = 1'-0"

Plan North

North

SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE
124 Market St, Wilmington, NC 28401
910 762-0892 s2a3.com

CRISER TROUTMAN TANNER
CRISER TROUMAN TANNER CONSULTING ENGINEERS
CRISER TROUTMAN TANNER CONSULTING ENGINEERS NC
3809 Peachtree Ave., Suite 102
Wilmington, NC 28403
910.397.2929 Ph.
910.397.2973 Fax
www.cttengineering.com
Firm License Number: F-0113
#8240.00

CHEATHAM AND ASSOCIATES, P.A.
CONSULTING ENGINEERS
3412 ENTERPRISE DRIVE
WILMINGTON, NORTH CAROLINA 28405
PHONE: (910) 452-4210
FAX: (910) 452-4211
OFFICE@CHEATHAMPA.COM
WWW.CHEATHAMPA.COM
NC LICENSE# C-1073
18048

SAWYER SHERWOOD & ASSOCIATE P.C. ARCHITECTURAL CORPORATION 52349 NORTH CAROLINA WILMINGTON, NC

JOHN R. SAWYER REGISTERED ARCHITECT 3428 NORTH CAROLINA WILMINGTON, N.C.

Brunswick County Courthouse Addition & Renovations

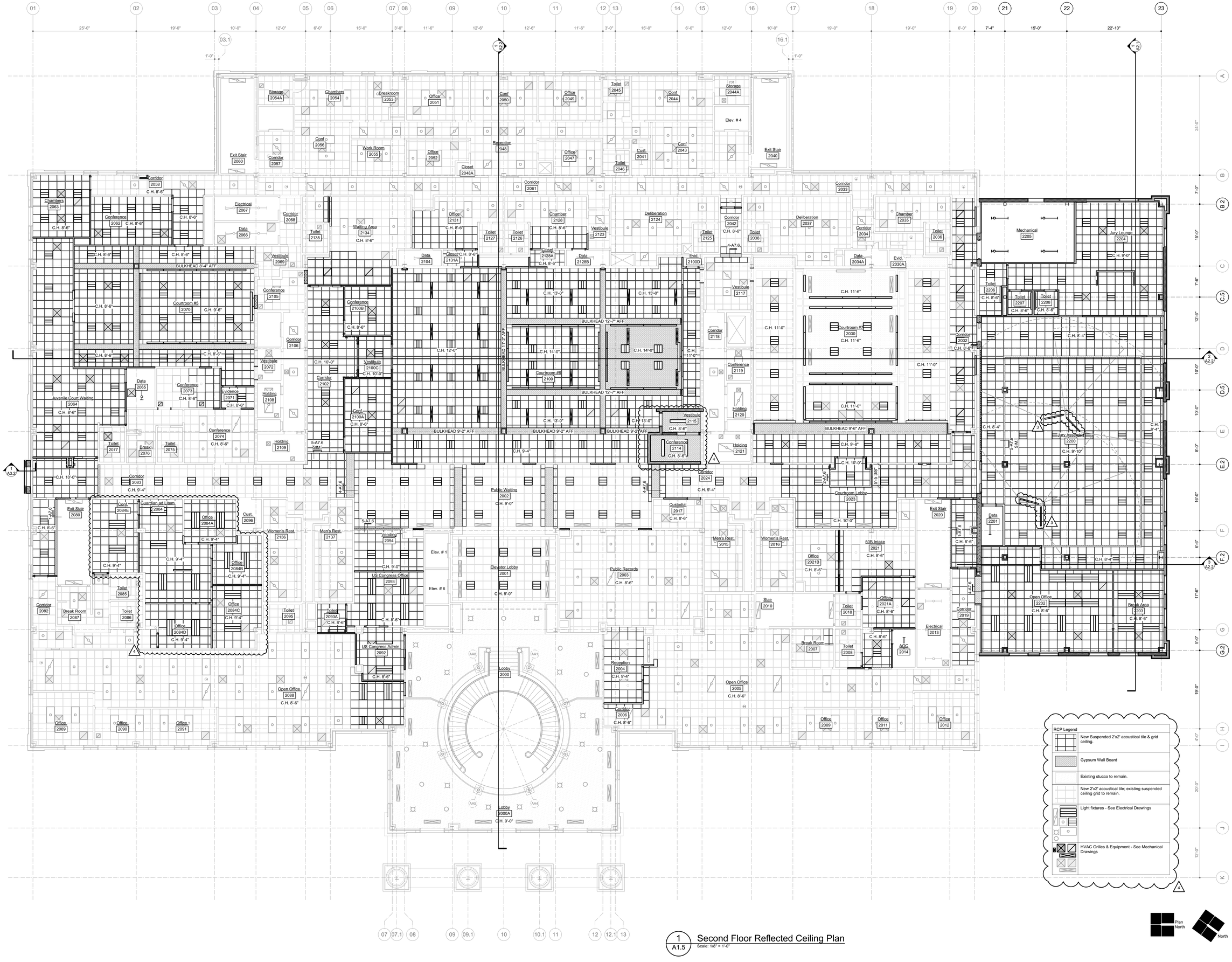
Bolivia, NC

Construction Drawings
September 23, 2019

Revisions:
1 ADDENDUM 4

First Floor Reflected Ceiling Plan

A1.4



1 / A1.5 Second Floor Reflected Ceiling Plan
Scale: 1/8" = 1'-0"

RCP Legend

- New Suspended 2'x2' acoustical tile & grid ceiling.
- Gypsum Wall Board
- Existing stucco to remain.
- New 2'x2' acoustical tile; existing suspended ceiling grid to remain.
- Light fixtures - See Electrical Drawings
- HVAC Grilles & Equipment - See Mechanical Drawings

Plan North / North

SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE
124 Market St, Wilmington, NC 28401
910 762-0892 s2a3.com

CRISER TROUTMAN TANNER
CRISER TROUMAN TANNER CONSULTING ENGINEERS
CRISER TROUTMAN TANNER CONSULTING ENGINEERS NC
3809 Peachtree Ave., Suite 102
Wilmington, NC 28403
910.397.2929 Ph.
910.397.2973 Fax
www.cttengineering.com
Firm License Number: F-0113
#8240.00

CHEATHAM AND ASSOCIATES, P.A.
CONSULTING ENGINEERS
3412 ENTERPRISE DRIVE
WILMINGTON, NORTH CAROLINA 28405
PHONE: (910) 452-4210
FAX: (910) 452-4211
OFFICE@CHEATHAMPA.COM
WWW.CHEATHAMPA.COM
NC LICENSE# C-1073
18048

SAWYER SHERWOOD & ASSOCIATE, P.C. ARCHITECTURAL CORPORATION 52349 NORTH CAROLINA WILMINGTON, NC

JOHN R. SAWYER REGISTERED ARCHITECT 3428 11-1-2019 NORTH CAROLINA WILMINGTON, N.C.

Brunswick County Courthouse Addition & Renovations

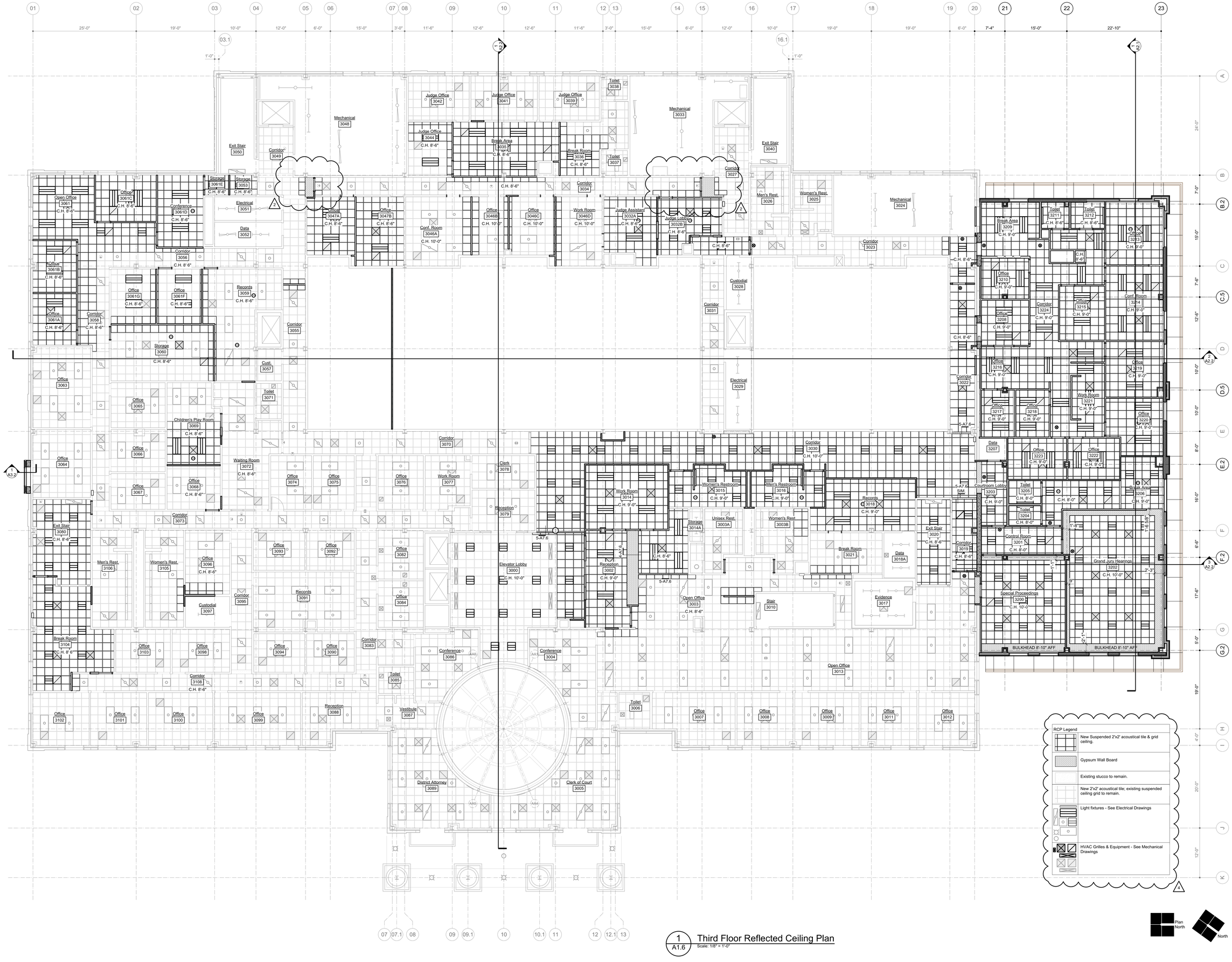
Bolivia, NC

Construction Drawings
September 23, 2019

Revisions:
3 ADDENDUM 3
4 ADDENDUM 4

Second Floor Reflected Ceiling Plan

A1.5
06 of 43



RCP Legend

	New Suspended 2'x2' acoustical tile & grid ceiling.
	Gypsum Wall Board
	Existing stucco to remain.
	New 2'x2' acoustical tile; existing suspended ceiling grid to remain.
	Light fixtures - See Electrical Drawings
	HVAC Grilles & Equipment - See Mechanical Drawings

1 A1.6 Third Floor Reflected Ceiling Plan
Scale: 1/8" = 1'-0"

Plan North

North

SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE
124 Market St, Wilmington, NC 28401
910 762-0892 s2a3.com

CRISER TROUTMAN TANNER
CRISER TROUMAN TANNER CONSULTING ENGINEERS
CRISER TROUTMAN TANNER CONSULTING ENGINEERS NC
3809 Peachtree Ave., Suite 102
Wilmington, NC 28403
910.397.2929 Ph.
910.397.2973 Fax
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CHEATHAM AND ASSOCIATES, P.A.
CONSULTING ENGINEERS
3412 ENTERPRISE DRIVE
WILMINGTON, NORTH CAROLINA 28405
PHONE: (910) 452-4210
FAX: (910) 452-4211
OFFICE@CHEATHAMPA.COM
WWW.CHEATHAMPA.COM
NC LICENSE# C-1073
18048

SAWYER SHERWOOD & ASSOCIATE P.C. ARCHITECTURAL CORPORATION 52349 NORTH CAROLINA WILMINGTON, NC

JOHN R. SAWYER REGISTERED ARCHITECT 3428 NORTH CAROLINA WILMINGTON, N.C.

Brunswick County Courthouse Addition & Renovations

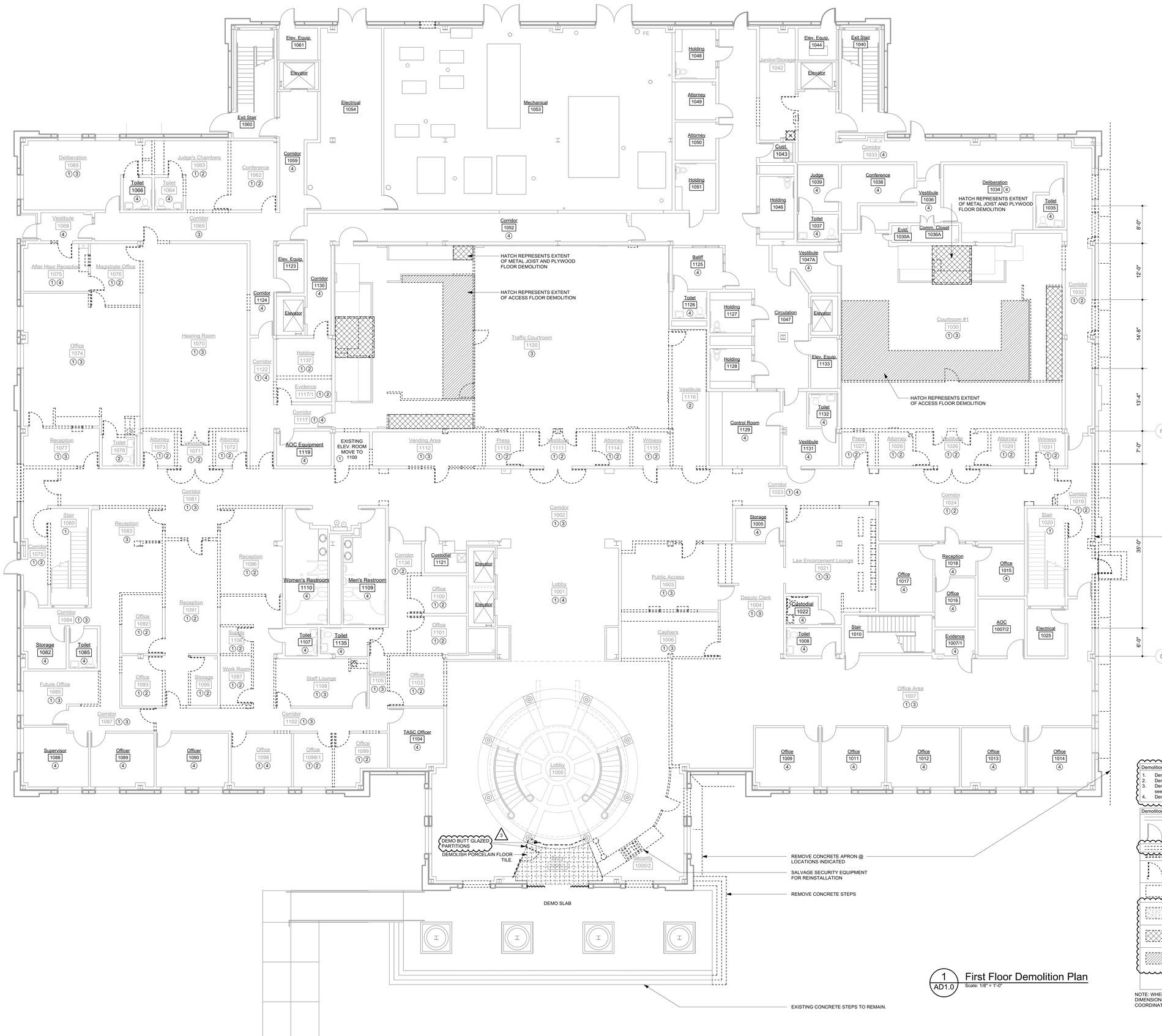
Bolivia, NC

Construction Drawings
September 23, 2019

Revisions:
2 ADDENDUM 2
4 ADDENDUM 4

Third Floor Reflected Ceiling Plan

A1.6
07 of 43



1 AD1.0 **First Floor Demolition Plan**
Scale: 1/8" = 1'-0"

Demolition Key Notes:
1. Demolish flooring and prep for new floor finish.
2. Demolish ceiling tile and grid.
3. Demolish ceiling tile and partially demolish ceiling grid; see Reflected Ceiling Plans for extent.
4. Demolish ceiling tile only; ceiling grid to remain.

4

Demolition Legend

- Existing to remain
- Remove wall & wall base
- Remove window
- Remove door, frame & hardware
- Remove/Salvage or Demolish
- Demolish 4" Concrete Topping Slab
- Demolish Metal Joist & Plywood floor
- Demolish Access Floor

3

NOTE: WHERE DEMOLITION PLAN DOES NOT SHOW DIMENSIONS FOR EXTENTS OF WALL REMOVAL, COORDINATE EXTENTS WITH NEW WORK PLANS.

Plan North

SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE
124 Market St, Wilmington, NC 28401
910 762-0892 s2a3.com

CRISER TROUTMAN TANNER
CRISER TROUMAN TANNER CONSULTING ENGINEERS
CRISER TROUTMAN TANNER CONSULTING ENGINEERS NC
3809 Peachtree Ave., Suite 102
Wilmington, NC 28403
910.397.2929 Ph.
910.397.2971 Fax
www.cttengineering.com
Firm License Number: F-0113
#8240.00

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CONSULTING ENGINEERS
3412 ENTERPRISE DRIVE
WILMINGTON, NORTH CAROLINA 28405
PHONE: (910) 452-4210
FAX: (910) 452-4211
OFFICE@CHEATHAMPA.COM
WWW.CHEATHAMPA.COM
18048 NC LICENSE# C-1073

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JOHN R. SAWYER REGISTERED ARCHITECT 3428 11-1-20 NORTH CAROLINA WILMINGTON, N.C.

Brunswick County Courthouse Addition & Renovations

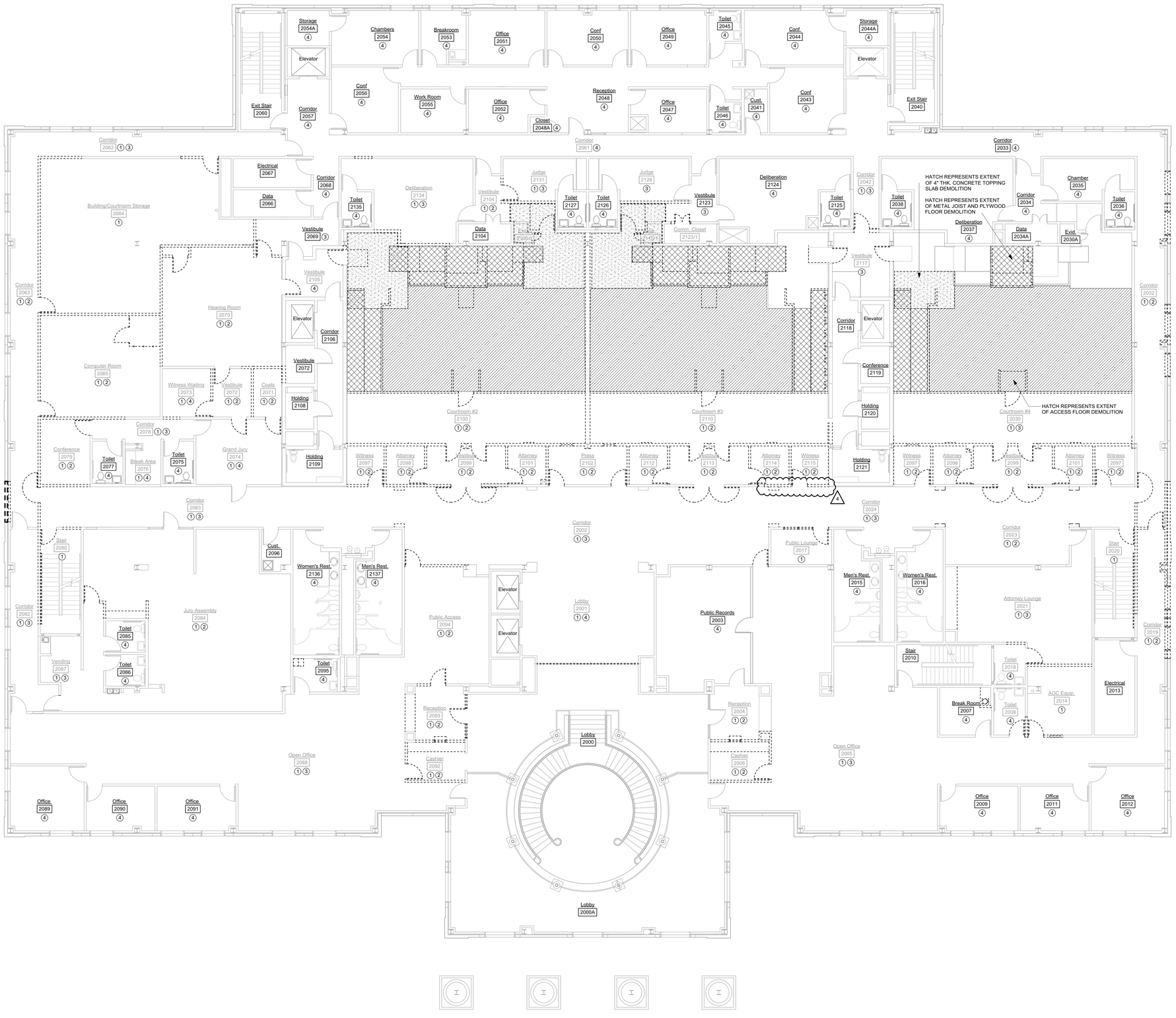
Bolivia, NC

Construction Drawings
September 23, 2019

Revisions:
3 ADDENDUM 3
4 ADDENDUM 4

First Floor Demolition Plan

AD1.0
01 of 03



1 AD1.1 Second Floor Demolition Plan
Scale: 1/8" = 1'-0"

Demolition Key Notes:
1. Demolish flooring and prep for new floor finish.
2. Demolish ceiling tile and grid.
3. Demolish ceiling tile and partially demolish ceiling grid; see Reflected Ceiling Plans for extent.
4. Demolish ceiling tile only; ceiling grid to remain.

Demolition Legend
- Existing to remain
- Remove wall and wall base
- Remove window
- Remove door, frame & hardware
- Remove/Salvage or Demolish
- Demolish 4" Concrete Topping Slab
- Demolish Metal Joist & Plywood floor
- Demolish Access fFoor

HATCH REPRESENTS EXTENT OF 4" THK. CONCRETE TOPPING SLAB DEMOLITION

HATCH REPRESENTS EXTENT OF METAL JOIST AND PLYWOOD FLOOR DEMOLITION

Plan North

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Bolivia, NC

Construction Drawings
September 23, 2019

Revisions:
3 ADDENDUM 3
4 ADDENDUM 4

Second Floor Demolition Plan

AD1.1

1 AD1.2 Third Floor Demolition Plan
Scale: 1/8" = 1'-0"

Demolition Key Notes:
1. Demolish flooring and prep for new floor finish.
2. Demolish ceiling tile and grid.
3. Demolish ceiling tile and partially demolish ceiling grid; see Reflected Ceiling Plans for extent.
4. Demolish ceiling tile only; ceiling grid to remain.

Demolition Legend
- Existing to remain
- Remove wall & wall base
- Remove window
- Remove door, frame & hardware
- Remove/Salvage or Demolish

Plan North

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18048 NC LICENSE# C-1073

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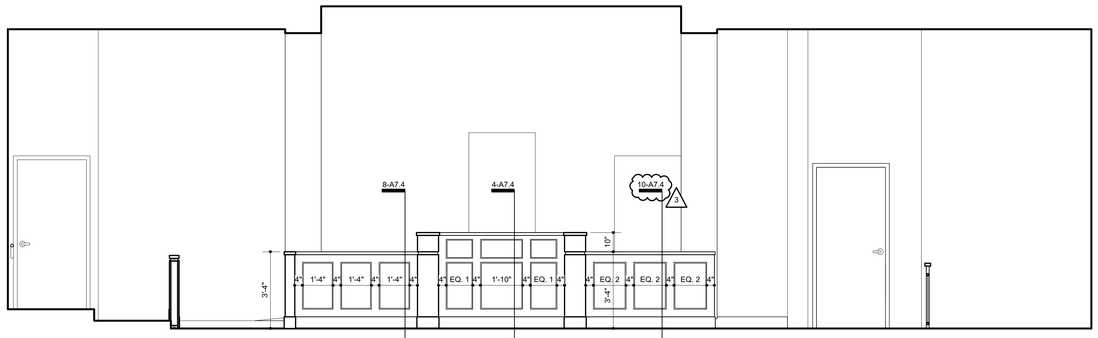
Construction Drawings
September 23, 2019

Revisions:
2 ADDENDUM 2
4 ADDENDUM 4

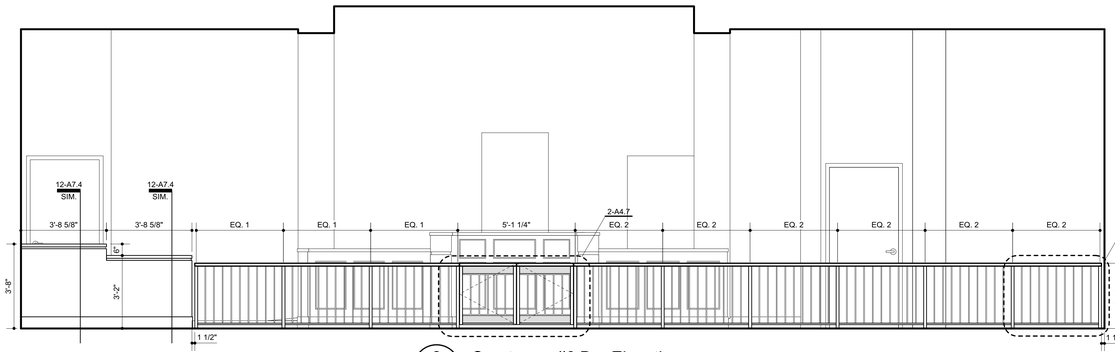
Third Floor Demolition Plan

AD1.2
03 of 03



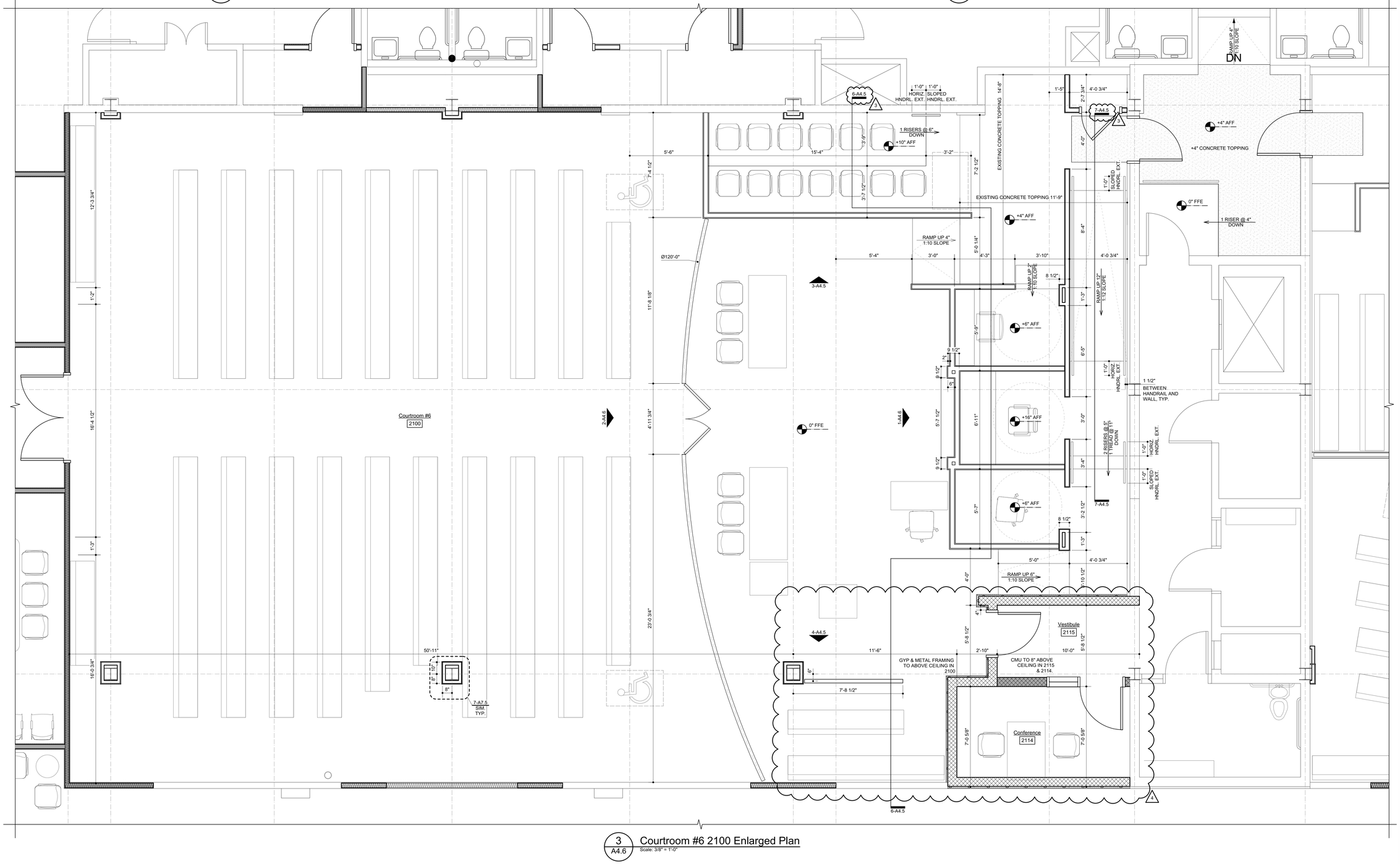
1 A4.6 Courtroom #6 Judge Casework Elevation

Scale: 3/8" = 1'-0"



2 A4.6 Courtroom #6 Bar Elevation

Scale: 3/8" = 1'-0"



3 A4.6 Courtroom #6 2100 Enlarged Plan

Scale: 3/8" = 1'-0"

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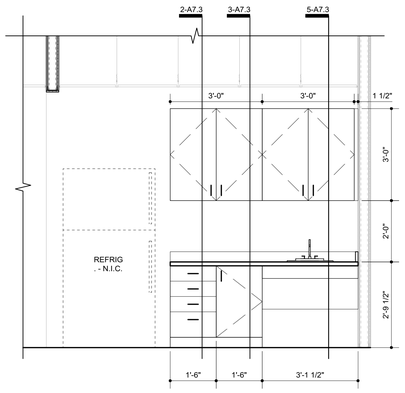
Revisions:

3 ADDENDUM 3

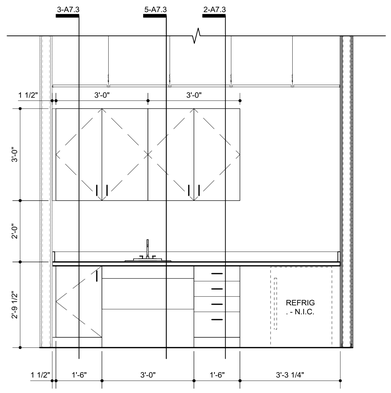
4 ADDENDUM 4

Courtroom #6 Enlarged Plan & Casework

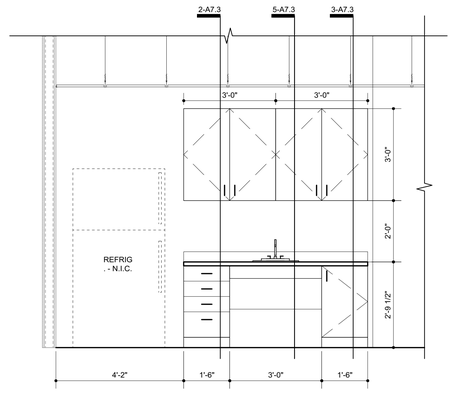
A4.6



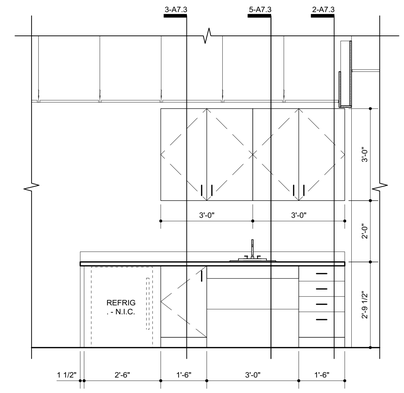
1 A7.2 Break Room 3021 Casework
Scale: 1/2" = 1'-0"



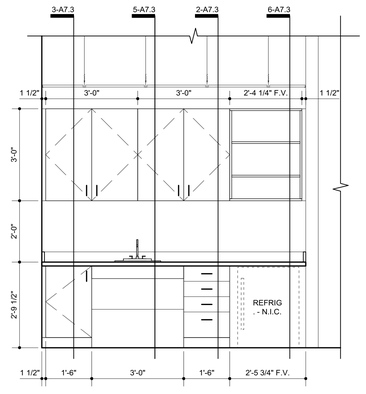
2 A7.2 Break Room 3036 Casework
Scale: 1/2" = 1'-0"



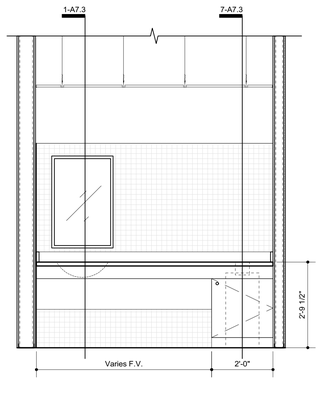
3 A7.2 Break Room 3104 Casework
Scale: 1/2" = 1'-0"



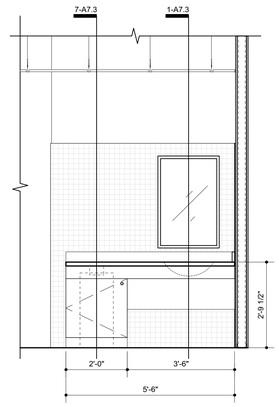
4 A7.2 Break Room 3206 Casework
Scale: 1/2" = 1'-0"



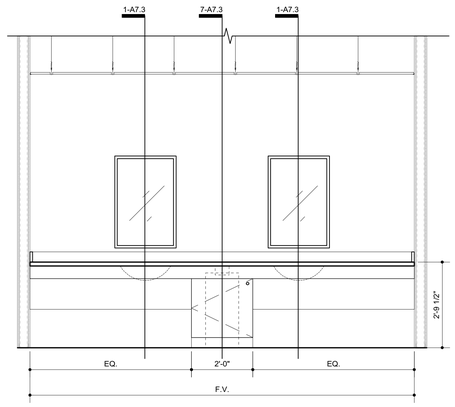
5 A7.2 Break Room 3209 Casework
Scale: 1/2" = 1'-0"



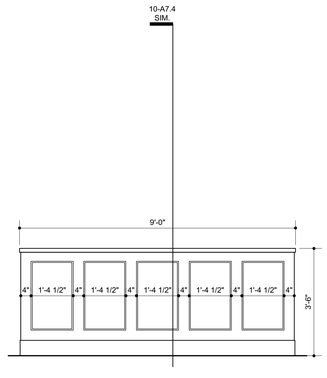
6 A7.2 Typ. Single-Use Toilet Casework
Scale: 1/2" = 1'-0"
(2) SIDE WALLS



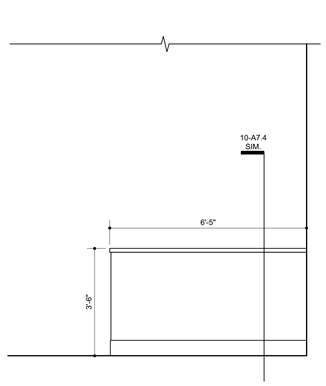
7 A7.2 Typ. Single-Use Toilet Casework
Scale: 1/2" = 1'-0"
(1) SIDE WALL



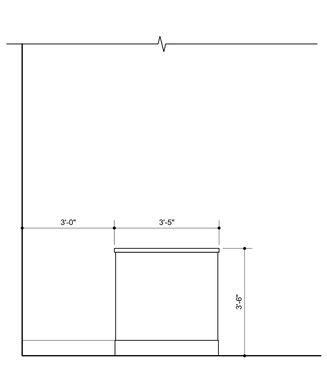
8 A7.2 Women's Restroom 3003B Casework
Scale: 1/2" = 1'-0"



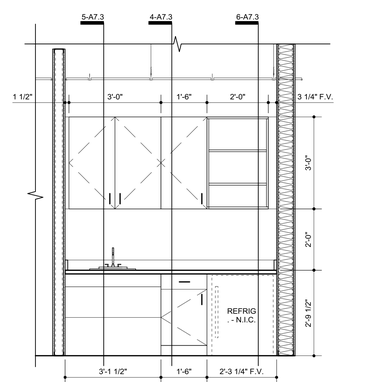
9 A7.2 Courtroom #1 1070 Casework
Scale: 1/2" = 1'-0"



10 A7.2 Courtroom #1 1070 Casework
Scale: 1/2" = 1'-0"



11 A7.2 Courtroom #1 1070 Casework
Scale: 1/2" = 1'-0"



12 A7.2 Open Office 1074 Casework
Scale: 1/2" = 1'-0"
4

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CONSULTING ENGINEERS NC
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Wilmington, NC 28403
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910.397.2973 Fax
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CONSULTING ENGINEERS
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WILMINGTON, NORTH CAROLINA 28405
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OFFICE@CHEATHAMPA.COM
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Brunswick County Courthouse Addition & Renovations

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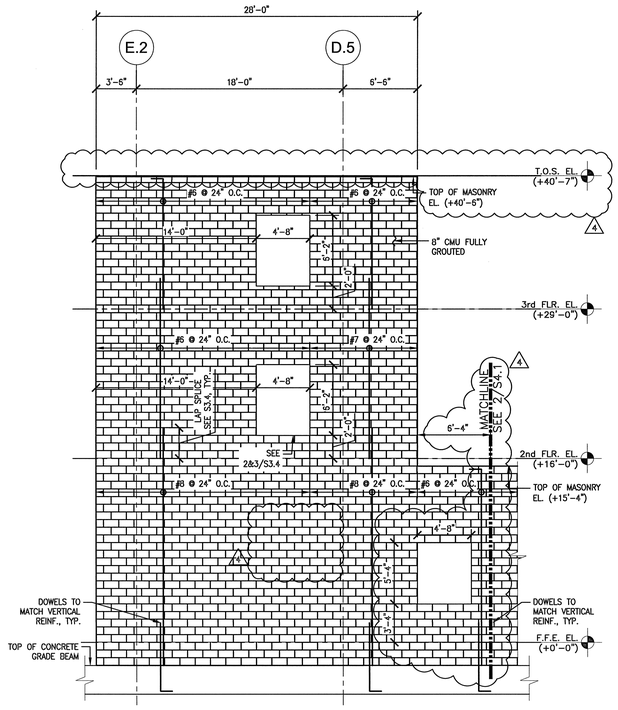
Revisions:

4 ADDENDUM 4

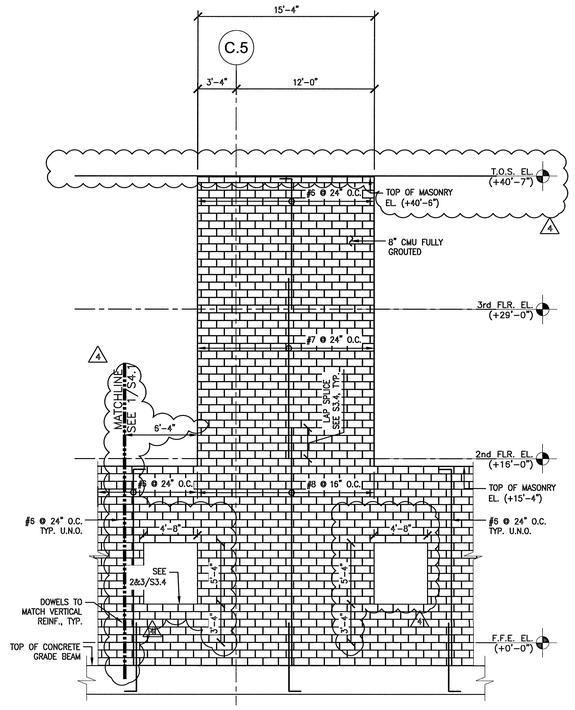
Casework Elevations

A7.2



1 S4.1 Elevation Grid 23 - SW1 - Multistory CMU Shearwall

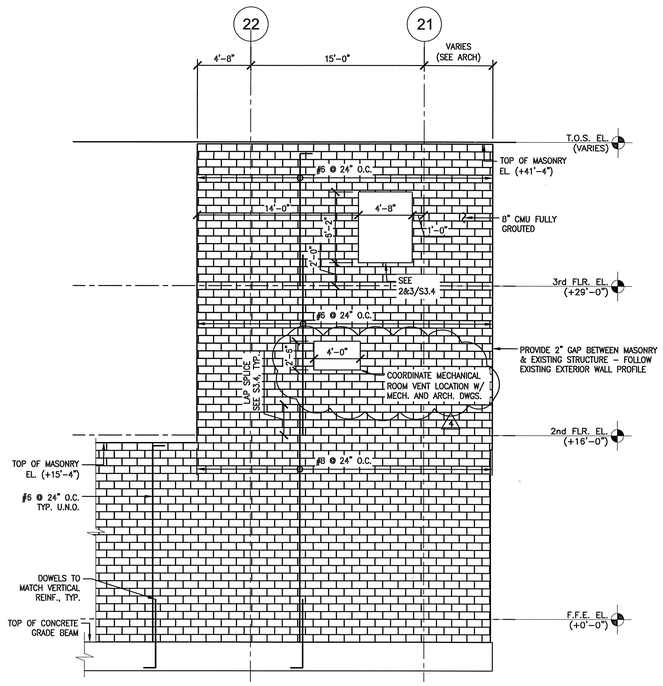
Scale: 3/16" = 1'-0"



2 S4.1 Elevation Grid 23 - SW2 - Multistory CMU Shearwall

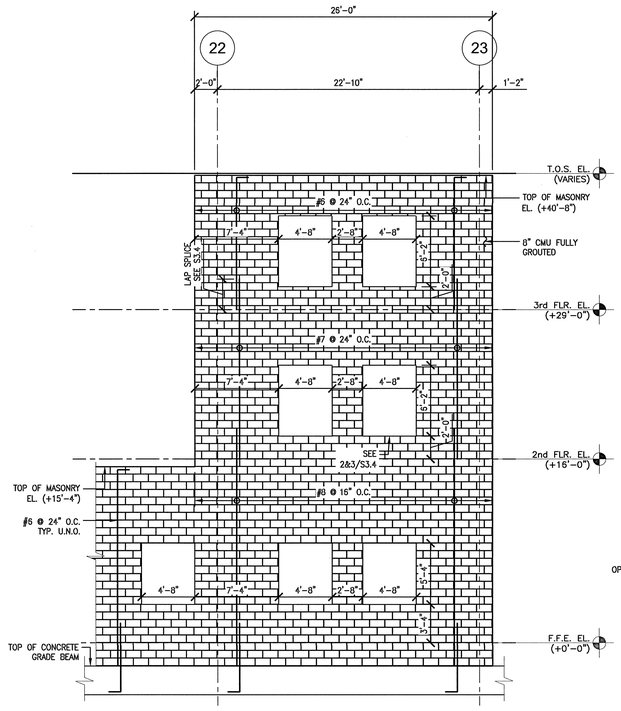
Scale: 3/16" = 1'-0"

CONCRETE & MASONRY SHEARWALL NOTE: CONTRACTOR SHALL VERIFY & COORDINATE ALL OPENING LOCATIONS & DIMENSIONS W/ ARCHITECTURAL DRAWINGS PRIOR TO SHOP DRAWING PREPARATION & ORDERING MATERIALS. NOTIFY ARCHITECT & ENGINEER OF RECORD OF ANY DISCREPANCY.



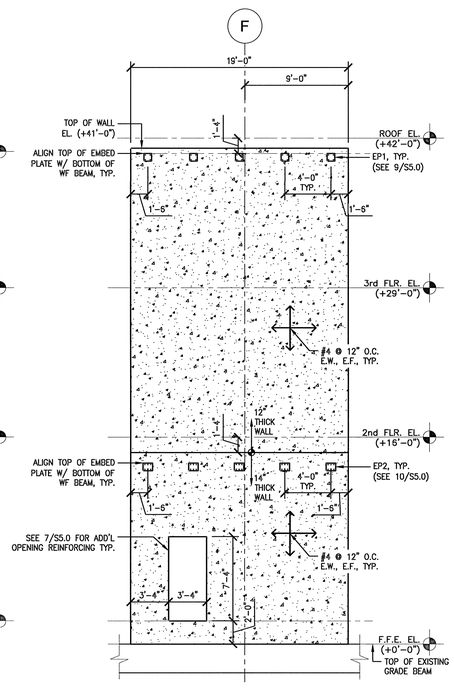
3 S4.1 Elevation Grid B.2 - SW3 - Multistory CMU Shearwall

Scale: 3/16" = 1'-0"



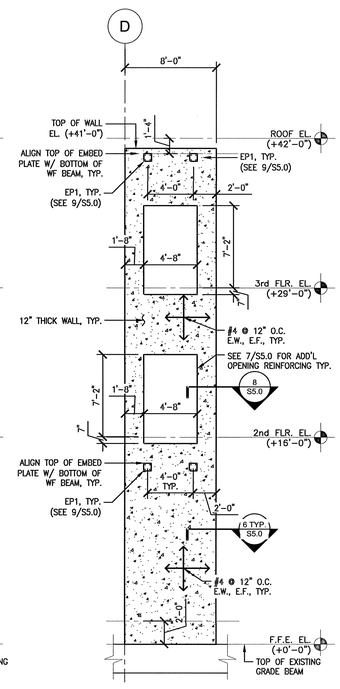
4 S4.1 Elevation Grid G.2 - SW4 - Multistory CMU Shearwall

Scale: 3/16" = 1'-0"



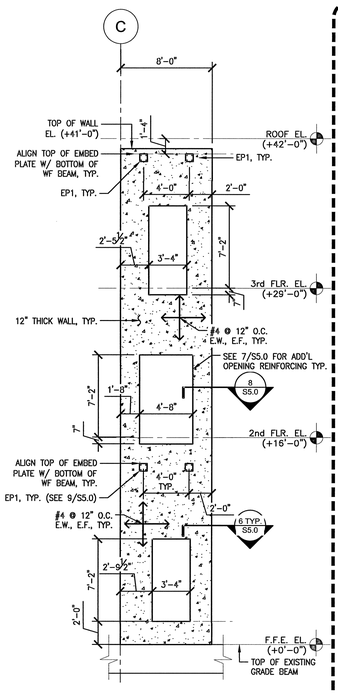
5 S4.1 Elevation Grid 20 - SW5 - Concrete Shearwall

Scale: 3/16" = 1'-0"



6 S4.1 Elevation Grid 20 - SW6 - Concrete Shearwall

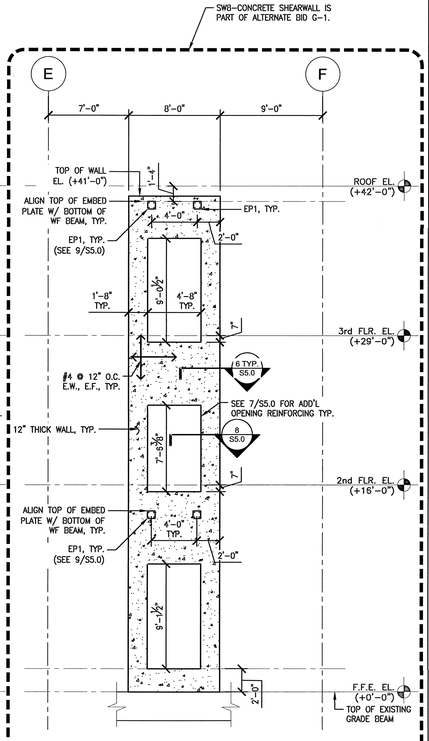
Scale: 3/16" = 1'-0"



7 S4.1 Elevation Grid 20 - SW7 - Concrete Shearwall

Scale: 3/16" = 1'-0"

SW8-CONCRETE SHEARWALL IS PART OF ALTERNATE BID G-1.



5 S4.1 Elevation Grid 1 - SW8 - Concrete Shearwall

Scale: 3/16" = 1'-0"

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910.397.2929 Ph.
910.397.2971 Fax
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Firm License Number: F-0113
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NORTH CAROLINA PROFESSIONAL SEAL 22567 ENGINEER CHRISTOPHER R. TROUTMAN 1.17.2020

Brunswick County Courthouse Additions & Renovations

Bolivia, NC

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Revisions:
4 ADDENDUM 4

Shearwall Elevations

S4.1