



600 Kansas City St  
Rapid City, SD 57701

(605) 343-6102  
www.teamtsp.com

## Addendum No. 1

<b>Issued:</b>	September 11, 2023
<b>Bids Due:</b>	September 21, 2023
<b>Project Name:</b>	Renovate General's Quarters – Camp Rapid, B250
<b>TSP Project No:</b>	03221580
<b>Owner Project No:</b>	CFMO# 466501

The following changes or modifications are to be incorporated into and become a part of the Contract Documents. The Bidder shall note receipt and make acknowledgement of this Addendum on the Bid Proposal, incorporating these provisions in the bid.

### GENERAL:

ITEM NO 1:	Reference Specification Section 00 00 07 – General Conditions; Article 12, the designated site superintendent may also fulfill the role of designated site safety supervisor.
ITEM NO 2:	Assume removal and replacement of all lower level furring and gypsum board on exterior walls.

### PRODUCT APPROVALS:

The following manufacturers and products have been approved for bidding. Final acceptance is contingent upon receipt and approval of final shop drawings/submittals. Manufacturers shall conform to all warranties, performances, sizes, materials, etc. as the item specified. The burden of proof of the merit of the proposed substitution is upon the proposer.

<u>SECTION #</u>	<u>ITEM DESCRIPTION</u>	<u>MANUFACTURER</u>
23 37 13	Diffusers, Registers, and Grilles	Shoemaker, Greenheck
26 51 00	Type D1 Type E1 Type N4 Type S2 Type S4	HE Williams
26 51 00	Type W2	HE Williams, Scott Arch Lighting
26 56 00	Type AA Type BB	HE Williams

### SPECIFICATION MANUAL:

ITEM NO 1:	<u>Section 01 01 00, General:</u> Clarified that building will not be occupied during the construction period.
ITEM NO 2:	<u>Section 06 48 00, Wood Frames:</u> Add section in its entirety



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### DRAWINGS:

ITEM NO 1:	<u>Drawing AP101, First Level Floor Plan</u> : Fixed areas where floors were popping through from the lower level. Added notes to clarify removal and replacement of existing sheetrock.
ITEM NO 2:	<u>Drawing PL101, Plumbing Plans – New Construction</u> : clarified general note to reflect full removal of slab for installation of new underfloor plumbing.
ITEM NO 3:	<u>Drawing EL101, Lighting Plans</u> : Added fire rated light cover to downlight in bathroom of first floor.

### ATTACHMENTS:

- Specification Sections 01 01 00, 06 48 00.
- Drawings AP101, PL101, EL101
- Pre-Bid Sign-In Sheet
- Build America Buy America Fact Sheet

END OF ADDENDUM

**PART 1 – GENERAL**

**1.1 PROJECT LOCATION**

- A. Facility is located at 2823 W Main Street, Rapid City, SD 57702
- B. Interested bidders should contact the SD Dept. of the Military Project Manager, Kelly Eitreim, at (605) 737-6273 or kelly.eitreim@state.sd.us to make arrangements for access to the facility for site visits.
- C. Pre-bid walk-thru meeting will be held on September 7, 2023 at 10:00 AM MT at the site.

**1.2 PROJECT DESCRIPTION**

- A. Project Scope of Work Includes:
  - 1. Renovation of General Quarters, Building 250, to accommodate ADA upgrades and new finishes and MEP systems.
- B. Building will not be occupied during construction.
- C. Contractor shall not block or obstruct building exits in any way.
- D. Storage areas for materials will be provided within close proximity to the buildings. Exact location will be discussed in greater detail at the preconstruction meeting.

**1.3 DISCREPANCIES, ERRORS AND OMISSIONS**

- A. In the event any error, omission or discrepancy in or between drawings and specifications exists or appears to exist, Contractor shall not attempt to profit from such obviously unintentional error, but shall have same explained or adjusted by the AE before submitting their proposal/bid. In the event such clarification is not obtained, the Contractor shall be deemed to have estimated the work as follows:
  - 1. Discrepancies between the drawings and specifications, the specifications shall govern.
  - 2. Discrepancies between the schedule and drawings, the schedules shall govern.
  - 3. Discrepancies between plan drawings and approved shop drawings, the plan drawings shall govern.
  - 4. Discrepancies between drawings, the drawing at the larger scale shall govern.
  - 5. Materials shown on drawings but not described in specifications, the drawings shall govern.
  - 6. Discrepancies between manufacturer's printed installation instructions and the project specifications, the manufacturer's installation instructions shall govern provided the manufacturer's requirements are more stringent than that specified.

**1.4 ENGINEERING AND LAYOUT**

- A. The Contractor shall provide competent engineering services of layout and execute the work in accordance with the contract requirements. The Contractor shall verify the figures shown on the survey before undertaking any construction work and shall be responsible for the accuracy of the finished work.
- B. The AE has established or will establish such general reference points as will, in his judgment, enable the Contractor to proceed with the work. If the Contractor finds that any previously established reference points have been destroyed or displaced, The Contractor shall promptly notify the AE.
- C. The Contractor shall protect and preserve the established bench marks and monuments and shall make no changes in locations without the written approval of the AE. Any bench marks and monuments which may be lost or destroyed or which required shifting because of necessary changes in grades or locations shall, subject to prior approval by the AE, be replaced and accurately located by the Contractor.

**1.5 OR EQUAL CLAUSE**

Requests for such approval must be consistent with Instructions to Bidders paragraph 8, Article 6.3.4 General Conditions to Agreement of Construction, and must be made in writing to the AE, not later than 10 days prior to the bid opening. This "prior" approval of material or equipment as equal to that specified will be made in writing in the form of an addendum issued by the AE to all plan holders of record. The base bid and any alternate shall be based on materials only as specified or approved. It is the sole responsibility of the Contractor to document to the satisfaction of the AE that proposed material, item, or piece of equipment is equal or better than that identified on the plans or in the specifications. The requirements of this Article shall be strictly enforced. Failure of the Contractor or Subcontractors to identify and submit in writing requests for approval not later than 10 days prior to the bid opening shall not be just cause for future request for or expectation of acceptance for substitution during the construction period.

## 1.6 SPECIAL CONTRACT REQUIREMENTS

- A. The Contractor covenants and agrees that it will comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330), as supplemented by Department of Labor regulations (29 CFR Part 5). As applied to this project, the Contract Work Hours and Safety Standards Act specifies that no laborer or mechanic doing any part of the work contemplated by this project shall be required or permitted to work more than 40 hours in any work week unless paid for all additional hours at not less than 1 1/2 times the basic rate of pay.
- B. The Contractor covenants and agrees that it will comply with Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity," as amended by Department of Labor regulations (41 CFR Chapter 60).
- C. The Contractor covenants and agrees that it will comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented in Department of Labor regulations (29 CFR Part 3). As applied to this project, the Copeland "Anti-Kickback" Act makes it unlawful to induce, by force, intimidation, threat of procuring dismissal from employment, or otherwise, any person employed in the construction or repair of public buildings or public works, financed in whole or in part by the United States, to give up any part of the compensation to which that person is entitled under a contract of employment.
- D. The Contractor covenants and agrees that it will comply with The Buy American Act (41 U.S.C. 10). The Buy American Act gives preference to domestic end products and domestic construction material. In addition, the Memorandum of Understanding between the United States of America and the European Economic Community (EEC) on Government Procurement, and the North American Free Trade Agreement (NAFTA), provide that EEC and NAFTA end products and construction materials are exempted from application of the Buy American Act.
- E. The Contractor covenants and agrees that it will comply with provisions of the Drug-Free Work Place Act of 1988 (Public Law 100-690, Title V, Subtitle D; 41 U.S.C. § 701 et seq.) and will maintain a drug-free workplace. The Final Rule, Government-Wide Requirements for Drug-Free Workplace (Grants), issued by the Office of Management and Budget and the Department of Defense (32 CFR Part 28, Subpart f) to implement provisions of the Drug-Free Work Place Act of 1988, is incorporated by reference and the Contractor covenants and agrees to comply with provisions thereof, including amendments to the Final Rule that may hereafter be issued.
- F. The Contractor covenants and agrees that no person shall be denied benefits, or otherwise be subjected to discrimination in connection with the Contractor's performance under this contract, on the grounds of race, religion, color, national origin, gender or handicap. Accordingly, and to the extent applicable, the Contractor covenants and agrees to comply with the following:
  - 1. Title VII of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq.), and DoD regulations issued thereunder (32 CFR Part 300);
  - 2. Executive Order 11246 and Department of Labor regulations issued thereunder (41 CFR Part 60);
  - 3. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794) and DoD regulations issued thereunder (32 CFR Part 56); and
  - 4. The Age Discrimination Act of 1975 (42 U.S.C. § 6101 et seq.) and regulations issued thereunder (45 CFR Part 90).

## 1.7 PERMITS

- A. South Dakota Department of Agriculture and Natural Resources
  - 1. Notice of Intent

The SD Department of the Military will submit a Notice of Intent to Obtain Coverage Under the SWD General Permit for Stormwater Discharge Associated with Construction Activities.
  - 2. General Surface Water Discharge Permit
    - a. The Contractor shall obtain the General Surface Water Discharge Permit for Temporary Discharge Activities Under the South Dakota Surface Water Discharge System.
    - b. The Contractor shall conduct and maintain proper records for inspections, maintenance, and repairs as outlined in the permit requirements. A copy of all records shall be provided to the SD Dept. of the Military Project Manager.
- B. Local Municipalities
  - 1. The State of South Dakota and Contractors working under contracts with the State of South Dakota are not required to, nor shall they obtain a local municipality building, utility, or other permit(s) in accordance with Attorney General record of opinion of State Codified Law and Administrative Rules.

2. Local municipalities shall be granted access to the project site for inspection of construction activities. The local inspector shall provide a report of inspection and any recommendations to the SD Dept. of the Military Project Manager. The State will then review such recommendations and implement any recommendations at the State's discretion.

## **PART 2 – PRODUCTS**

## **PART 3 – EXECUTION**

**END SECTION 01 01 00**

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## **DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES**

### **SECTION 06 48 00 WOOD FRAMES**

#### **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. Section Includes:
  - 1. Interior frames and jambs.

##### **1.3 ACTION SUBMITTALS**

- A. Product Data: For each type of product, including fire-retardant-treated materials.
  - 1. Include data for fire-retardant treatment from chemical-treatment manufacturer and certification by treating plant that treated materials comply with requirements.
- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
  - 1. Show details full size.
  - 2. Show locations and sizes of concealed blocking and reinforcement specified in other Sections.
  - 3. Apply AWI Quality Certification Program label to Shop Drawings.

##### **1.4 INFORMATIONAL SUBMITTALS**

- A. Certification of compliance with Build America, Buy America Act.
- B. Product Certificates: For each type of product.
- C. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.
- D. Evaluation Reports: For fire-retardant-treated materials, from ICC-ES.

##### **1.5 QUALITY ASSURANCE**

- A. Fabricator Qualifications: Shop that employs skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in-service performance. Shop is a certified participant in AWI's Quality Certification Program.
- B. Installer Qualifications: Fabricator of products or Certified participant in AWI's Quality Certification Program.
- C. Testing Agency Qualifications: For testing agency providing classification marking for fire-retardant-treated material, an inspection agency acceptable to authorities having jurisdiction that periodically performs inspections to verify that the material bearing the classification marking is representative of the material tested.

##### **1.6 DELIVERY, STORAGE, AND HANDLING**

- A. Do not deliver wood frames until operations that could damage wood frames have been completed in installation areas. If wood frames must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.

##### **1.7 FIELD CONDITIONS**

- A. Environmental Limitations for Interior Work: Do not deliver or install interior wood frames until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Where wood frames are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate

## **DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES**

### **SECTION 06 48 00 WOOD FRAMES**

measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1. Locate concealed framing, blocking, and reinforcements that support wood frames by field measurements before being enclosed and indicate measurements on Shop Drawings.

#### **1.8 COORDINATION**

- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that wood frames can be supported and installed as indicated.

### **PART 2 - PRODUCTS**

#### **2.1 WOOD FRAMES, GENERAL**

- A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of wood frames indicated for construction, finishes, installation, and other requirements.
  1. Provide labels from AWI certification program indicating that woodwork, including installation, complies with requirements of grades specified.

#### **2.2 INTERIOR FRAMES AND JAMBS FOR TRANSPARENT FINISH**

- A. Grade: Premium.
- B. Wood Species and Cut: Match species and cut indicated for other types of transparent-finished architectural woodwork located in same area of building unless otherwise indicated.
- C. For frames or jambs wider than available lumber, use veneered construction. Do not glue for width.
- D. Fire-Rated Interior Frames and Jambs: Products fabricated from fire-retardant particleboard or fire-retardant medium-density fiberboard with veneered exposed surfaces and listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252.
  1. Fire Rating: 20 minutes.

#### **2.3 WOOD MATERIALS**

- A. Wood Products: Provide materials that comply with requirements of referenced quality standard for each type of wood frame and quality grade specified unless otherwise indicated.
  1. Do not use plain-sawn softwood lumber with exposed, flat surfaces more than 3 inches (75 mm) wide.
  2. Wood Moisture Content for Interior Materials: 5 to 10 percent.
- B. Composite Wood and Agrifiber Products: Provide materials that comply with requirements of referenced quality standard for each type of wood frame and quality grade specified unless otherwise indicated.
  1. Medium-Density Fiberboard: ANSI A208.2, Grade 130.
  2. Particleboard: ANSI A208.1, Grade M-2.

#### **2.4 FIRE-RETARDANT-TREATED MATERIALS**

- A. Fire-Retardant-Treated Materials, General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this article that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.
  1. Identify fire-retardant-treated materials with appropriate classification marking of qualified testing agency in the form of removable paper label or imprint on surfaces that will be concealed from view after installation.
- B. Fire-Retardant-Treated Lumber: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, with no evidence of significant progressive combustion when the test



## **DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES**

### **SECTION 06 48 00 WOOD FRAMES**

is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet (3.2 m) beyond the centerline of the burners at any time during the test.

1. Kiln dry lumber after treatment to a maximum moisture content of 19 percent.
- C. Fire-Retardant Particleboard: Panels complying with the following requirements, made from softwood particles and fire-retardant chemicals mixed together at time of panel manufacture to achieve flame-spread index of 25 or less and smoke-developed index of 25 or less per ASTM E 84.
  1. For panels 3/4 inch (19 mm) thick and less, comply with ANSI A208.1 for Grade M-2 except for the following minimum properties: modulus of rupture, 1600 psi (11 MPa); modulus of elasticity, 300,000 psi (2070 MPa); internal bond, 80 psi (550 kPa); and screw-holding capacity on face and edge, 250 and 225 lbf (1100 and 1000 N), respectively.
- D. Fire-Retardant Fiberboard: Medium-density fiberboard panels complying with ANSI A208.2, made from softwood fibers, synthetic resins, and fire-retardant chemicals mixed together at time of panel manufacture to achieve flame-spread index of 25 or less and smoke-developed index of 200 or less per ASTM E 84.

#### **2.5 MISCELLANEOUS MATERIALS**

- A. Interior Blocking, Shims, and Nailers: Fire-retardant-treated softwood lumber, kiln dried to less than 15 percent moisture content.
- B. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.

#### **2.6 FABRICATION**

- A. Fabricate wood frames to dimensions, profiles, and details indicated. Ease edges to radius indicated for the following:
  1. Edges of Solid-Wood (Lumber) Members: 1/16 inch (1.5 mm) unless otherwise indicated.

#### **2.7 SHOP FINISHING**

- A. General: Finish wood frames at fabrication shop as specified in this Section. Defer only final touchup, cleaning, and polishing until after installation.
- B. General: Shop finish transparent-finished wood frames at fabrication shop as specified in this Section.
- C. Preparation for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing wood frames, as applicable to each unit of work.
- D. Transparent Finish for Interior Frames:
  1. Stain: Minwax Premium Oil Wood Finish Penetrating Stain; Mulberry.

### **PART 3 - EXECUTION**

#### **3.1 PREPARATION**

- A. Before installation, condition wood frames to average prevailing humidity conditions in installation areas.
- B. Before installing wood frames, examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

#### **3.2 INSTALLATION**

- A. Grade: Install wood frames to comply with same grade as item to be installed.
- B. Assemble wood frames and complete fabrication at Project site to the extent that it was not completed in the shop.

## **DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES**

### **SECTION 06 48 00 WOOD FRAMES**

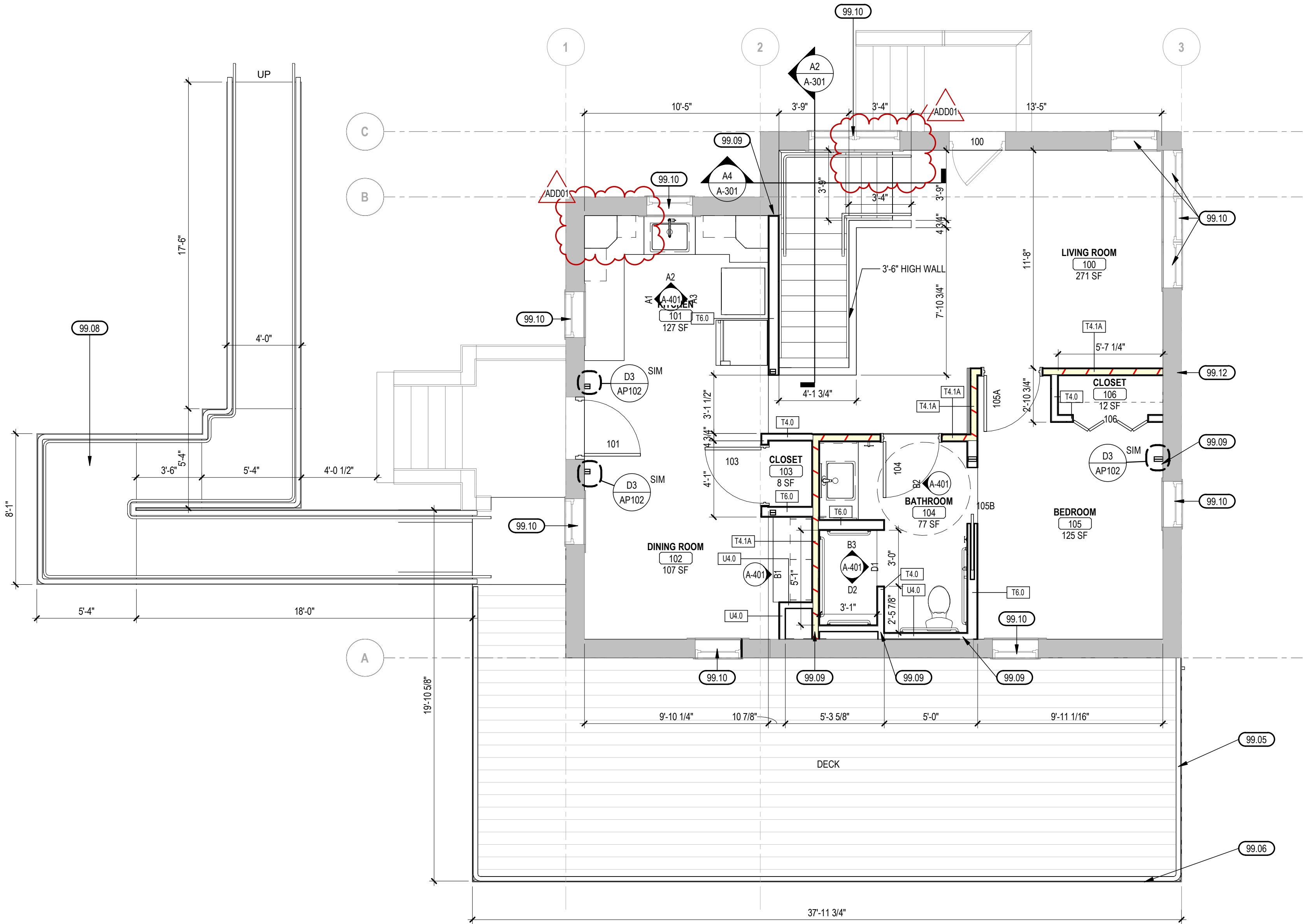
- C. Install wood frames level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm).
  - D. Scribe and cut wood frames to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
  - E. Fire-Retardant-Treated Wood: Handle, store, and install fire-retardant-treated wood to comply with chemical treatment manufacturer's written instructions, including those for adhesives used to install woodwork.
  - F. Anchor wood frames to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing. Use fine finishing nails for exposed fastening, countersunk and filled flush with woodwork.
    - 1. For shop-finished items, use filler matching finish of items being installed.
  - G. Touch up finishing work specified in this Section after installation of wood frames. Fill nail holes with matching filler where exposed.
    - 1. Apply specified finish coats, including stains and paste fillers if any, to exposed surfaces where only sealer/prime coats are applied in shop.
  - H. Refer to Section 09 93 00 "Staining and Transparent Finishing" for final finishing of installed wood frames.
- 3.3 ADJUSTING AND CLEANING
- A. Repair damaged and defective wood frames, where possible, to eliminate functional and visual defects; where not possible to repair, replace wood frames. Adjust joinery for uniform appearance.
  - B. Clean wood frames on exposed and semiexposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

**END OF SECTION 06 48 00**

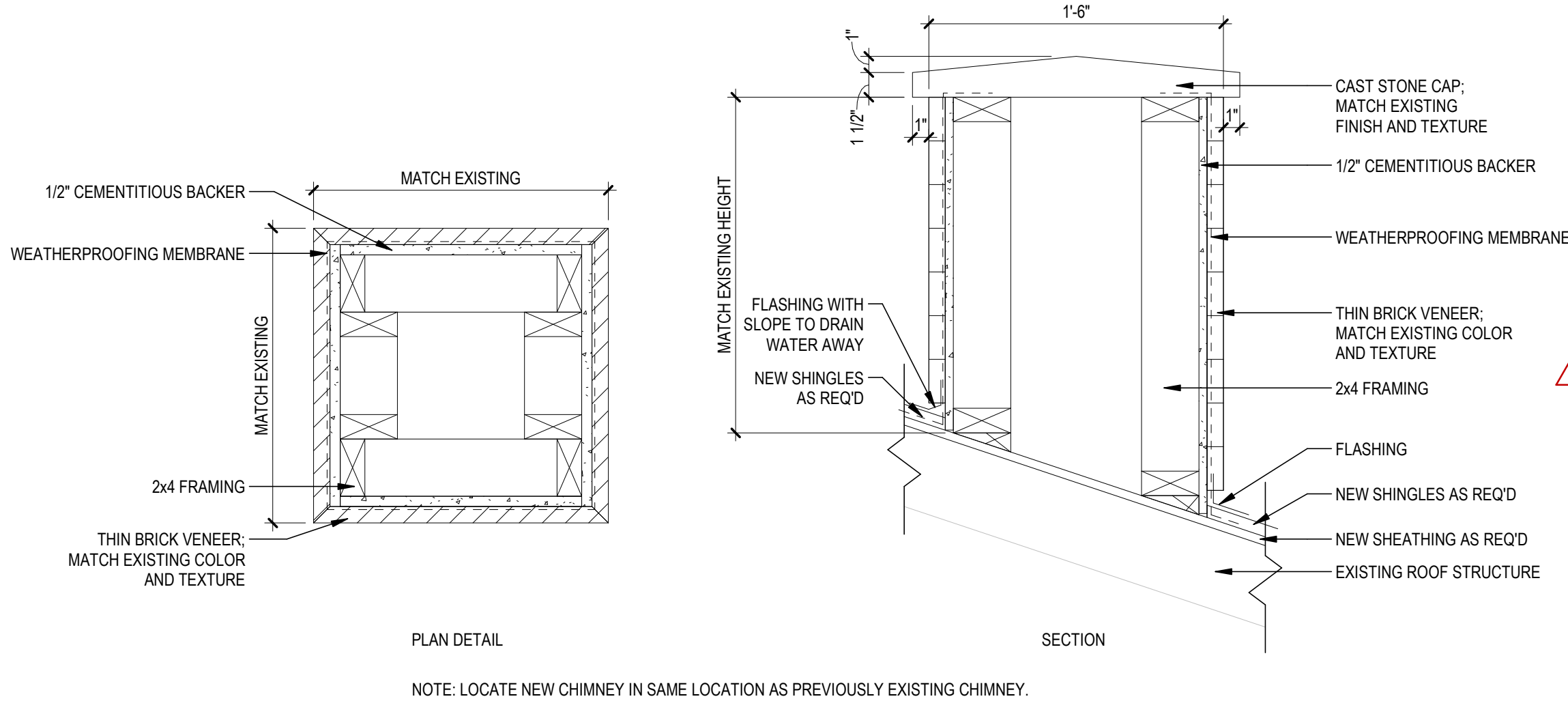
LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 22 x 34 FORMAT

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**A1 FIRST LEVEL FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**C2 NEW CHIMNEY DETAILS**  
SCALE: 1 1/2" = 1'-0"



**FLOOR PLAN GENERAL NOTES**

- A. ALL WALLS ARE TYPE T4.0 UNLESS OTHERWISE NOTED.
- B. PROVIDE BLOCKING AT PARTITIONS AS REQUIRED FOR MOUNTING OF FURNISHED AND NON-FURNISHED WALL MOUNTED ITEMS.
- C. ALIGN FINISHED FACE OF CONTINUOUS PARTITIONS THAT CHANGE PARTITION TYPES ALONG A STRAIGHT RUN.
- D. EDGE OF INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL (6" FROM DOOR PANEL TO ADJACENT WALL), U.N.O.
- E. REFER TO AF101 SHEET FOR DOOR SCHEDULE, DOOR, WINDOW, AND FRAME TYPES.
- F. ALL WALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD, CMU, BRICK, OR CONCRETE, U.N.O.
- G. ASSUME REPLACEMENT OF ALL GYPSUM WALL BOARD IN NEW FIRST FLOOR KITCHEN, CUT AND PATCH OTHER LOCATIONS ON FIRST FLOOR AS NEEDED PER ELECTRICAL AND PLUMBING SHEETS.
- H. REMOVE AND REPLACE ALL FURRING AND SHEETROCK ON THE LOWER LEVEL.

**FLOOR PLAN LEGEND**

- ROOM NAME**  
101
- ROOM TAG**  
EXISTING ITEMS TO REMAIN
- NEW WORK W/ DOOR TAG**  
CONSTRUCTION LIMITS
- WINDOW TAG**  
WALL TAG
- EQUIPMENT TAG**  
TA = TOILET ACCESSORIES, SEE SCHEDULE  
FE = WALL MOUNTED FIRE EXTINGUISHER  
FEC = FIRE EXTINGUISHER CABINET
- REFERENCE KEYNOTE TAG**  
T###
- MASONRY CONTROL JOINT**  
CJ
- GYPSUM BOARD CONTROL JOINT**  
GJ
- CARD READER**  
CR
- ELECTRICAL PANEL, REF ELECTRICAL PLANS**  
E

**REFERENCE KEYNOTES**

99.05	TREX TRANSCEND RAILING SYSTEM.
99.06	TREX TRANSCEND LINEAGE COMPOSITE DECKING.
99.08	CONCRETE RAMP W/ TREX GUARDRAIL AND HANDRAIL SYSTEM. CONFIRM EXACT LENGTH REQUIRED IN FIELD. SLOPE 1:12 WITH MAX 3/4" OF RUN.
99.09	PATCH WALLS WHERE EXISTING FINISHES WERE REMOVED PRIOR TO APPLYING NEW FINISHES.
99.10	PREP WINDOW FOR NEW STAIN FINISH TO MATCH TRIM TO BE INSTALLED.
99.12	INSPECT ENTIRE BUILDING AND REPAIR/REPLACE BRICKWORK AS REQUIRED. REPLACE BRICKS AS NECESSARY. UTILIZE BRICKS FROM DEMOLITION.



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Architecture  
Engineering  
Planning

CONSULTANTS



PROJECT TITLE



**SOUTH DAKOTA  
DEPARTMENT OF THE  
MILITARY  
RENOVATE GENERALS  
QUARTERS BUILDING  
250**

**RC CAMP RAPID**

ISSUES

ADD01	09/11/2023	ADDENDUM 01
ISSUE	DATE	DESCRIPTION

ISSUE DATE	DRAWN BY
08/31/2023	BRM
PROJECT #	CHECKED BY
03221580	BRM

SHEET TITLE

**FIRST LEVEL FLOOR  
PLAN**

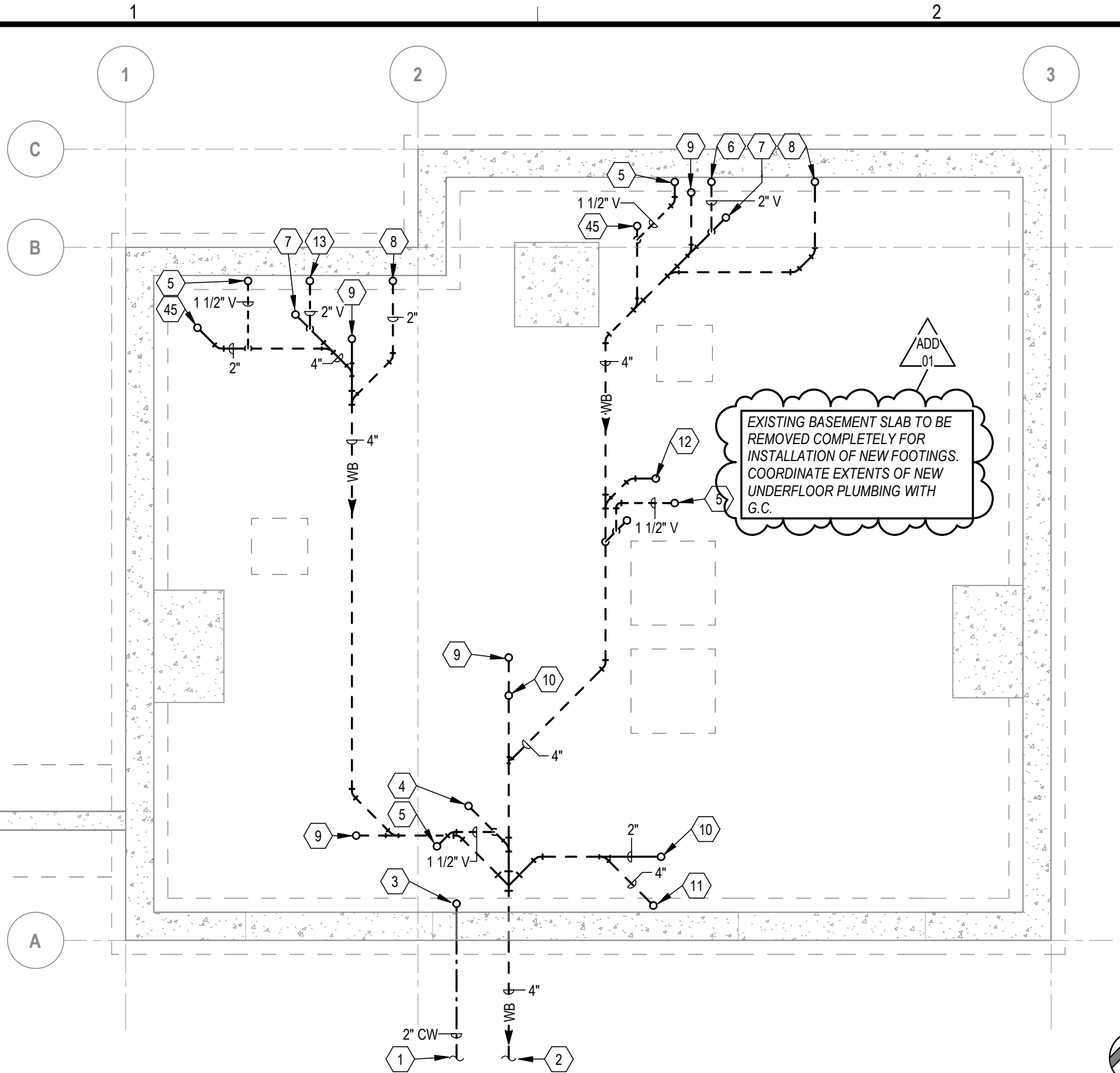
SHEET NUMBER

**AP101**

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100% CONSTRUCTION DOCUMENTS

LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 22 x 34 FORMAT



**C1 PLUMBING PLAN - UNDERFLOOR**  
SCALE: 1/4" = 1'-0"

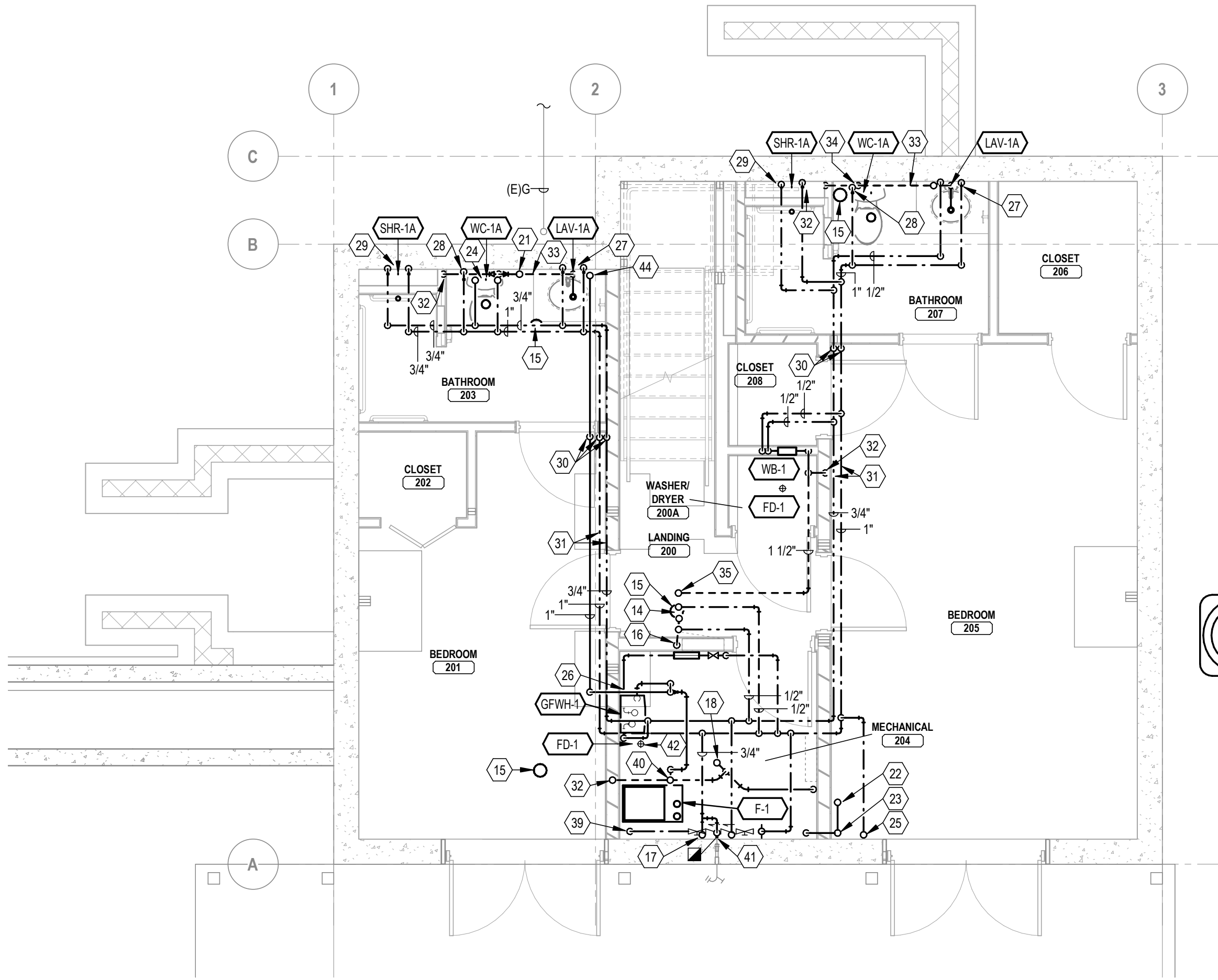


### KEYNOTES

- 1 SEE SITE UTILITY PLAN FOR CONTINUATION. REFERENCE CIVIL PLANS FOR SITE LOCATED PIV, COORDINATED FINAL LOCATION AND REQUIREMENTS WITH LOCAL FIRE AUTHORITY AND ELECTRICAL CONTRACTOR. PROVIDE MINIMUM OF 6'-0" OF COVER OR INSULATION FOR FROST PROTECTION.
- 2 SEE SITE UTILITY PLAN FOR CONTINUATION. EXTEND 4" WASTE BELOW (WB) GRADE 5'-0" BEYOND BUILDING AND PROVIDE YCO IN PATIO. MINIMUM I.E. 88'-10" (18" BELOW FF, FIELD VERIFY) REQUIRED. COORDINATE MINIMUM INVERT WITH EXISTING SEWER TO BE REPLACED INVERT TO DETERMINE GRADE TO MATCH WITHIN THE SITE.
- 3 COMBINED 2" DOMESTIC CW AND FIRE SERVICE UP INTO MECHANICAL ROOM.
- 4 2" WB UP TO FLOOR DRAIN.
- 5 1 1/2" V. UP.
- 6 2" V. UP.
- 7 4" WB UP TO WATER CLOSET.
- 8 2" WB UP TO LAV.
- 9 4" WB UP TO FCO.
- 10 2" WB UP.
- 11 4" WB UP.
- 12 2" WB UP TO WB-1.
- 13 2" WET VENT UP.
- 14 2" WB, 1/2" CW & 1/2" HW UP TO LAV.
- 15 FCO (WASTE). MUST BE ACCESSIBLE.
- 16 2" W. DN. IN WALL.
- 17 1/2" HW & 1/2" CW UP TO SHOWER.
- 18 2" W. UP TO SHOWER DRAIN.
- 19 ROUTE 2" V. TIGHT TO WALL AND UP INTO ATTIC.
- 20 2" V. UP TO 4" VTR.
- 21 2" WET VENT CONTINUED UP TO SERVE DRAIN FROM 2-COMPT. SINK. OFFSET IN STUD CAVITY TO MISS FLOOR JOISTS ABOVE.
- 22 4" W. UP TO WATER CLOSET.

### KEYNOTES

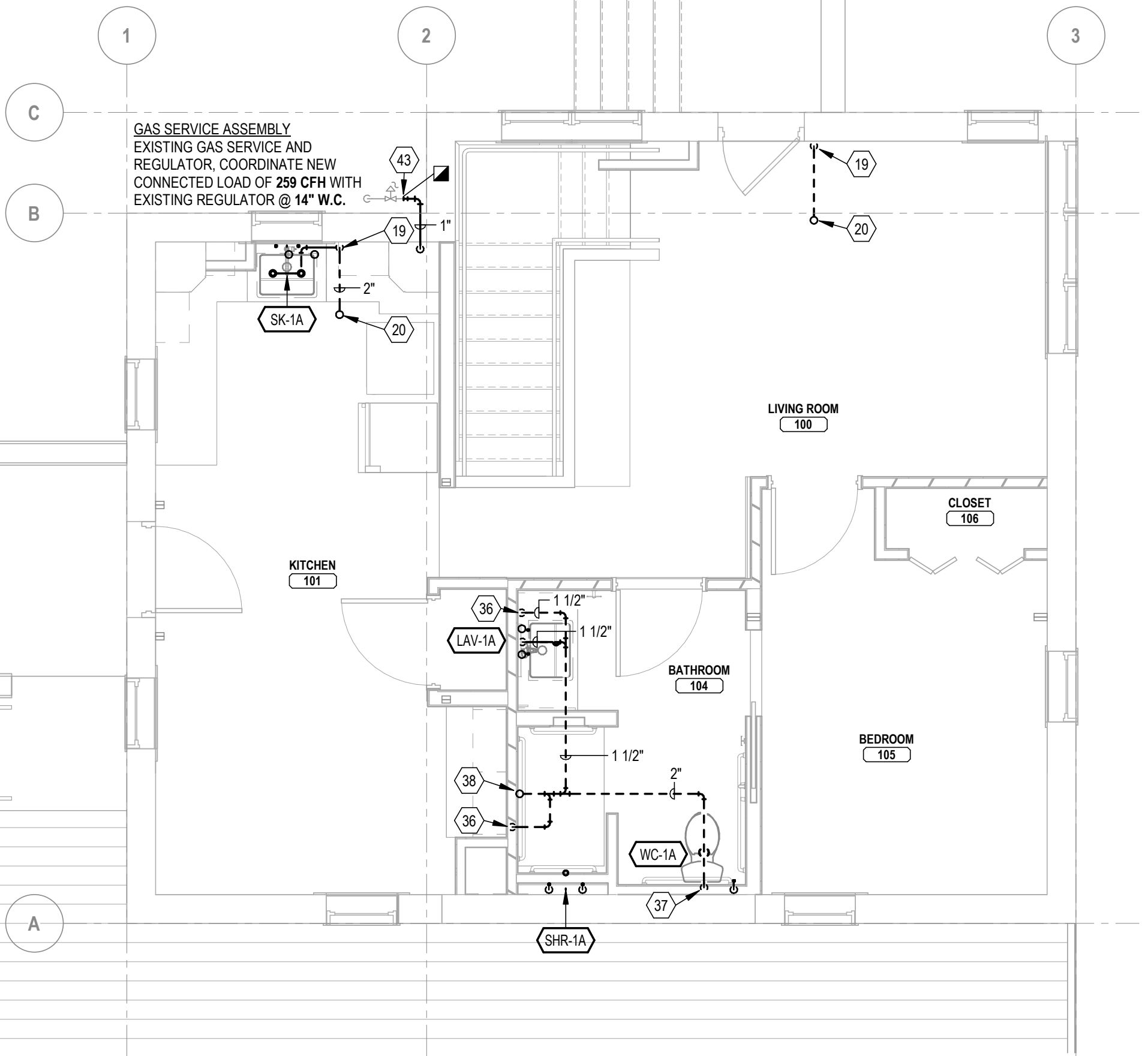
- 23 2" V. UP/4" W. DN.
- 24 1/2" HW & 1/2" CW UP TO 2-COMPT. SINK.
- 25 1/2" CW UP TO WATER CLOSET.
- 26 1" HW & 1" CW DN. TO WATER HEATER.
- 27 1/2" CW & 1/2" HW DN TO LAV IN FURRING WALL.
- 28 1/2" CW DN TO WATER CLOSET IN FURRING WALL.
- 29 3/4" CW & 3/4" HW DN TO SHOWER IN FURRING WALL.
- 30 OFFSET PIPING UP ABOVE CEILING.
- 31 1" CW & 3/4" HW ROUTED TIGHT TO WALL IN SOFFIT IN ORDER TO PASS UNDER STRUCTURAL BEAMS.
- 32 1 1/2" V. UP FROM UNDERFLOOR IN WALL.
- 33 CONNECT VENTS IN FURRING WALL TO 2" VENT STACK FROM WATER CLOSET.
- 34 2" VENT STACK CONTINUED UP TO FIRST FLOOR. OFFSET IN WALL TO ROUTE UP NEXT TO DOORWAY ABOVE.
- 35 1 1/2" V. UP TO MAIN FLOOR. TIE TO LAV VENT IN WALL ABOVE FLOOD RIM.
- 36 1 1/2" V. UP FROM BASEMENT CEILING.
- 37 2" V. UP FROM BASEMENT CEILING.
- 38 TIE NEW VENT INTO EXISTING VENT STACK AND REUSE EXISTING ROOF PENETRATION, CONTRACTOR TO FIELD VERIFY EXISTING VENT SIZE.
- 39 2" COMBINED FIRE AND WATER SERVICE UP FROM UNDERGROUND.
- 40 1 1/2" V. CONTINUED UP TO FIRST FLOOR. COORDINATE WITH DUCT ROUTING AND ADJUST VENT AS NECESSARY TO MISS DUCTWORK RISERS.
- 41 RECONNECT 3/4" CW TO SERVE EXISTING WALL HYDRANT.
- 42 SPILL CONDENSATE DRAINAGE FROM FURNACE AND WATER HEATER TO FLOOR DRAIN WITH AIR GAP.
- 43 1" NATURAL GAS SERVICE, RE-ROUTE INTO BUILDING AND DN TO LOWER LEVEL THRU BASE CABINET/WALL FURRING. CONTRACTOR TO FIELD VERIFY SIZE OF EXISTING REGULATOR IS ADEQUATE TO HANDLE NEW CONNECTED LOAD. CONTACT ENGINEER WITH ANY DISCREPENCIES. PROVIDE NEW BALL VALVE SHUTOFF VALVE AT ENTRANCE TO BUILDING.
- 44 1" LOW PRESSURE NATURAL GAS DN FROM FIRST FLOOR. ROUTE THROUGH JOIST SPACE OVER TO SOFFIT.
- 45 2" WB UP TO SHOWER DRAIN.



**A1 PLUMBING PLAN - LOWER FLOOR**  
SCALE: 1/4" = 1'-0"



**A3 PLUMBING PLAN - FIRST FLOOR**  
SCALE: 1/4" = 1'-0"



**TSP**

TSP, Inc.  
600 Kansas City St.  
Rapid City, SD 57701

(605) 343-6102  
www.teamtsp.com

Architecture  
Engineering  
Planning



PROJECT TITLE



**SOUTH DAKOTA  
DEPARTMENT OF THE  
MILITARY  
RENOVATE GENERALS  
QUARTERS BUILDING  
250**

**RC CAMP RAPID**

ISSUES

ADD 01	09/11/2023	ADDENDUM 01
ISSUE	DATE	DESCRIPTION

ISSUE DATE	DRAWN BY
08/31/2023	CHM
PROJECT #	CHECKED BY
03221580	CHM

SHEET TITLE

**PLUMBING PLANS - NEW  
CONSTRUCTION**

SHEET NUMBER

**PL101**

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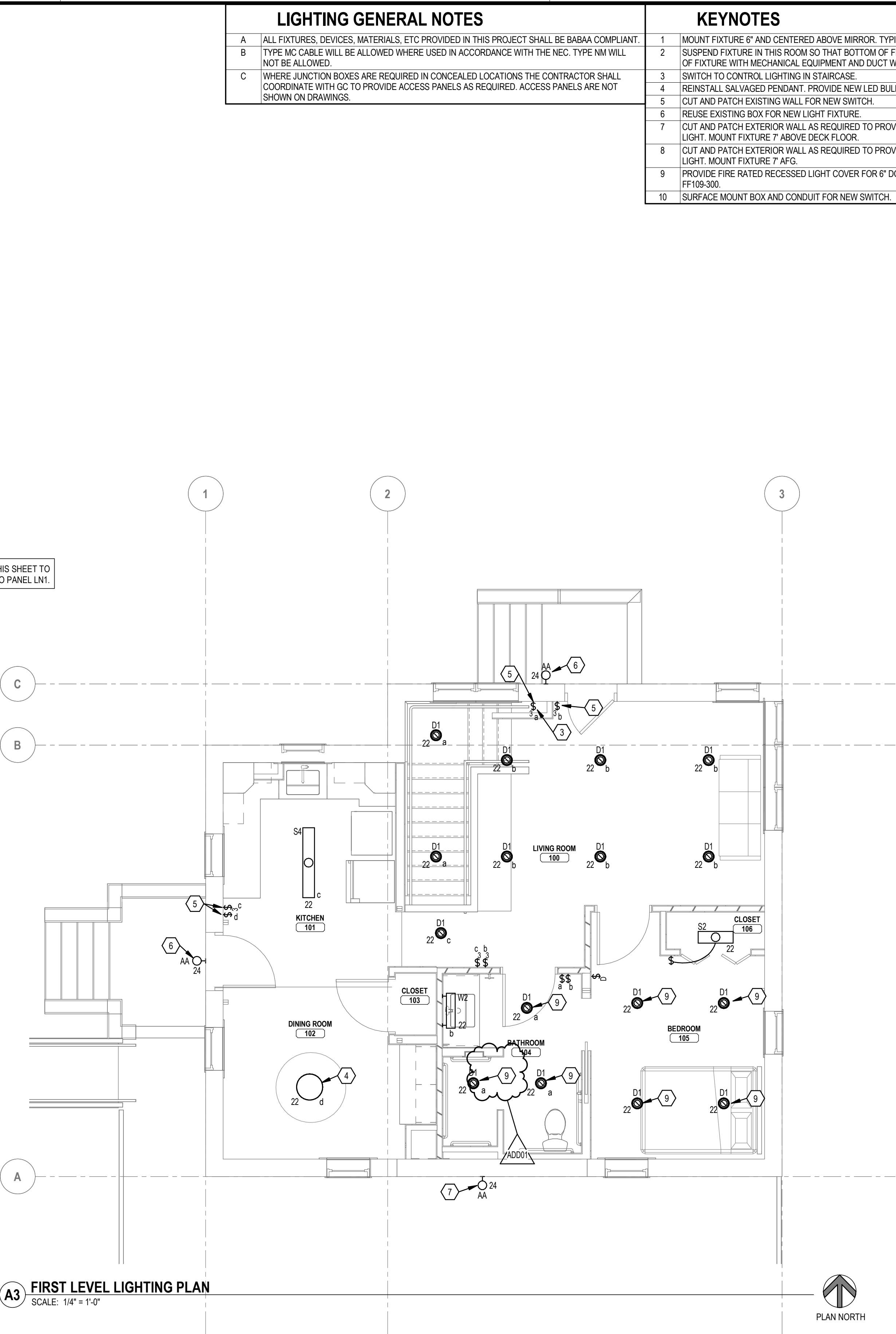
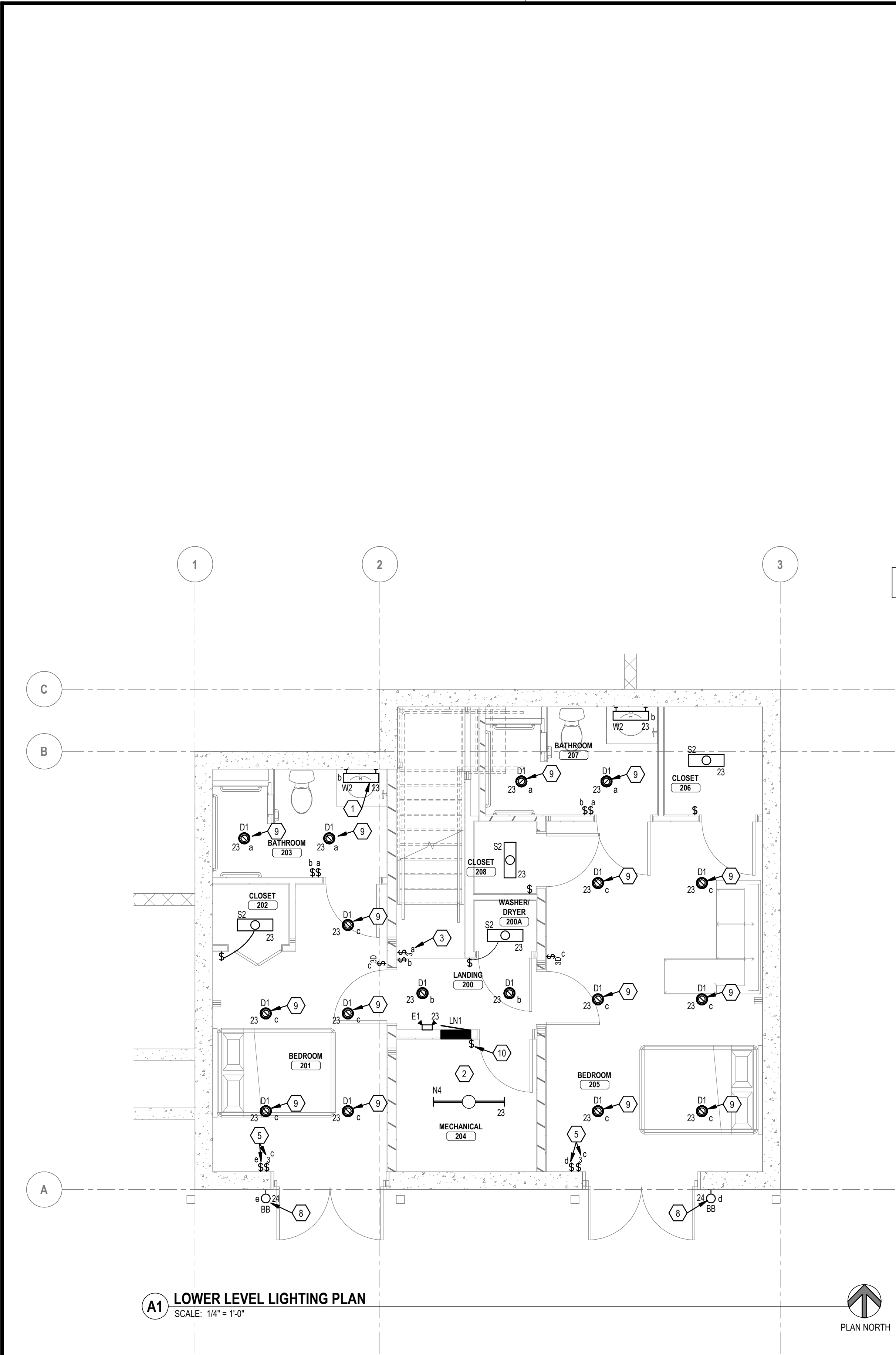
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LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 22 x 34 FORMAT

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LIGHTING GENERAL NOTES	
A	ALL FIXTURES, DEVICES, MATERIALS, ETC PROVIDED IN THIS PROJECT SHALL BE BABAA COMPLIANT.
B	TYPE MC CABLE WILL BE ALLOWED WHERE USED IN ACCORDANCE WITH THE NEC. TYPE NM WILL NOT BE ALLOWED.
C	WHERE JUNCTION BOXES ARE REQUIRED IN CONCEALED LOCATIONS THE CONTRACTOR SHALL COORDINATE WITH GC TO PROVIDE ACCESS PANELS AS REQUIRED. ACCESS PANELS ARE NOT SHOWN ON DRAWINGS.

KEYNOTES	
1	MOUNT FIXTURE 6" AND CENTERED ABOVE MIRROR. TYPICAL FOR ALL TYPE W2 FIXTURES.
2	SUSPEND FIXTURE IN THIS ROOM SO THAT BOTTOM OF FIXTURE IS 7' AFF. COORDINATE MOUNTING OF FIXTURE WITH MECHANICAL EQUIPMENT AND DUCT WORK IN ROOM.
3	SWITCH TO CONTROL LIGHTING IN STAIRCASE.
4	REINSTALL SALVAGED PENDANT. PROVIDE NEW LED BULBS THAT ARE COMPATABLE WITH PENDANT.
5	CUT AND PATCH EXISTING WALL FOR NEW SWITCH.
6	REUSE EXISTING BOX FOR NEW LIGHT FIXTURE.
7	CUT AND PATCH EXTERIOR WALL AS REQUIRED TO PROVIDE NEW BOX AND CONDUIT FOR EXTERIOR LIGHT. MOUNT FIXTURE 7' ABOVE DECK FLOOR.
8	CUT AND PATCH EXTERIOR WALL AS REQUIRED TO PROVIDE NEW BOX AND CONDUIT FOR EXTERIOR LIGHT. MOUNT FIXTURE 7' AFG.
9	PROVIDE FIRE RATED RECESSED LIGHT COVER FOR 6" DOWNLIGHT. BASIS OF DESIGN: TENMAT FF109-300.
10	SURFACE MOUNT BOX AND CONDUIT FOR NEW SWITCH.



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Architecture  
Engineering  
Planning

CONSULTANTS



PROJECT TITLE



**SOUTH DAKOTA  
DEPARTMENT OF THE  
MILITARY  
RENOVATE GENERALS  
QUARTERS BUILDING  
250**

**RC CAMP RAPID**

ISSUES

ADD01	09/11/2023	ADDENDUM 1
ISSUE	DATE	DESCRIPTION
ISSUE DATE	08/31/2023	DRAWN BY JJF
PROJECT #	03221580	CHECKED BY KAO

SHEET TITLE

**LIGHTING PLANS**

SHEET NUMBER

**EL101**

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100% CONSTRUCTION DOCUMENTS

# PREBID CONFERENCE RECORD

SD Dept. of the Military

Project Name:	Renovate General's Quarters - Camp Rapid, B250
CFMO#	466501
Meeting Place:	Building 250, Camp Rapid, Rapid City, SD
Meeting Date:	07-Sep-23
Meeting Time:	1000 MT

Attended by:

Name	Firm	Email	Phone
Kelly Eitrem	SD Port	kelly.eitrem@state.sd.us	737-6273
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Tyler Abby	Rapid fire Protection	Tyler a @ Rapid Fire Protection	701-595-4067

Questions asked and responses given:

Occupancy - clarify the building will not be during const.  
 Safety be same as supervisor  
 Basement - electrical in the walls \* verify \*  
 refer ? basement + main level  
 tack point 100% grind + fill \* verify \*



### What Is Build America, Buy America?

When Congress passed the Bipartisan Infrastructure Law—also known as the Infrastructure Investment and Jobs Act—it not only made a once-in-a-generation investment in our nation’s infrastructure, it also created a historic opportunity to increase domestic manufacturing in communities across the country. With this game-changing law, we are rebuilding America’s roads, bridges and rails, expanding access to clean drinking water, ensuring every American has access to high-speed internet, tackling the climate crisis, advancing environmental justice, and investing in communities that have too often been left behind, all while maximizing the use of American iron and steel, manufactured goods and construction materials.

We are building a national network of 500,000 electric vehicle chargers across the country. We are making sure that every child—and every American—has clean water to drink. We are creating good-paying union jobs, helping to revitalize American manufacturing, and positioning the United States to lead the 21st century.

By requiring the use of Made in America content, the Build America, Buy America provisions in the Bipartisan Infrastructure Law will help stimulate private sector investments in domestic manufacturing, bolster critical supply chains, and support the creation of good-paying union jobs so that America’s workers and firms can compete and lead globally for years to come.

As we’ve learned from the pandemic, America’s critical supply chains have gaps. Manufacturers will need time to find on-shore suppliers and scale up production to meet demand. Agencies have the authority to issue waivers from Build America, Buy America requirements, but will do so judiciously—only as needed—and strategically, with an aim toward ensuring that Made in America goods will be used once firms make needed investments to expand domestic production. **Waivers will be limited, targeted, and, where appropriate, conditional. They will cover specific items or specific periods of time to enable agencies, recipients, and the private market to build capacity and respond to the new conditions.**

Waivers will not be an *alternative* to increasing domestic production, but a *tool* to promote investment in our domestic manufacturing base, strengthen critical supply chains, and position U.S. workers and businesses to compete and lead globally in the 21<sup>st</sup> century. Unlike in the past, Build America, Buy America waivers will not foreclose American manufacturing, but send clear market signals, creating an incentive for American firms to invest in America and create good jobs in our communities.

Importantly, Build America, Buy America applies to Federal financial assistance programs for infrastructure, *whether or not those programs received funding in the Bipartisan Infrastructure Law*. These new, across-the-board domestic content requirements present an unprecedented opportunity to support good-paying construction *and* manufacturing jobs while strengthening our industrial base and promoting American innovation for years to come.

Successful Build America, Buy America implementation will create an opportunity for a “virtuous cycle” in which infrastructure investment, critical supply chain efforts, and other Biden-Harris Administration priorities, including sustainability and equity, align and support each other.

***What Do Federal Financial Assistance Recipients Need to Know About Build America, Buy America?****Q. What are the requirements of Build America, Buy America?*

(1) All iron and steel items used in covered projects must be produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

(2) All manufactured products used in covered projects must be produced in the United States. **This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product.**

(3) **All construction materials used in covered projects must be manufactured in the United States.** This means that all manufacturing processes for the construction material occurred in the United States.

*Q. What Federal financial assistance awards are covered by Build America, Buy America?*

Build America, Buy America provisions **apply to Federal financial assistance awards** (e.g., grants and loans) **made after May 14, 2022** that will be used to construct, alter, maintain, or repair infrastructure in the United States. Note that these provisions are not limited to infrastructure projects funded by the Bipartisan Infrastructure Law. **Assistance recipients who have questions about whether their particular project is covered by Build America, Buy America should contact the funding agency.**

*Q. Can Build America, Buy America requirements be waived?*

Yes, when necessary. Agencies may waive Build America, Buy America requirements on the basis of (1) **nonavailability**, (2) **unreasonable cost**, or (3) **public interest**. All waivers must be in writing, published for public comment, and approved judiciously. Waivers should also be limited to specific projects or time periods, targeted to only the products necessary, and when appropriate, conditional, to maximize the use of American-made items. **Assistance recipients who have questions about waivers should contact the funding agency.**

*Q. What types of infrastructure are covered by Build America, Buy America?*

Infrastructure includes projects with public functions, such as roads, highways, bridges, public transportation facilities, dams, ports, harbors, railroads, freight and intermodal facilities, airports, water systems, electrical transmission facilities and systems (including structures, facilities, and equipment that generate, transport, and distribute energy, including electric vehicle charging facilities), broadband infrastructure, and **buildings**. **Assistance recipients who have questions about whether their particular project is considered infrastructure should contact the funding agency.**

*Q. When and how do I apply for a waiver?*

Waivers should be used judiciously. Federal financial assistance recipients must first take proactive steps to identify qualifying Made in America articles, materials, and supplies for their projects. **Recipients who have worked diligently to identify qualifying items, but concluded a waiver may still be necessary, should contact the funding agency to learn how to apply for a waiver.**

*Q. When do Build America, Buy America requirements expire?*

Build America, Buy America has no expiration date. We encourage and welcome stakeholder input about how we can support recipients in the application of Build America, Buy America as we work to bolster America's manufacturing base and create good manufacturing and construction jobs in communities across the country.



### Overview of Build America, Buy America Guidance

#### **Build America, Buy America Sourcing Requirements**

The following conditions apply to Federal financial assistance obligations for infrastructure made after May 14, 2022:

- for iron and steel items, all manufacturing processes, from the initial melting stage through the application of coatings, must occur in the United States
- for manufactured products, the final manufacturing process must occur in the United States and the cost of components mined, produced, or manufactured in the United States must be greater than 55 percent
- for construction materials, all manufacturing processes must occur in the United States

An article, material, or supply should only be classified into one of the categories above.

#### **Covered Federal Financial Assistance Programs and Projects<sup>1</sup>**

- Federal financial assistance means assistance that non-Federal entities receive or administer in the form of grants, cooperative agreements, non-cash contributions or donations of property, direct assistance, loans and loan guarantees.
- A Federal financial assistance program for infrastructure is a program in which funds are used for an infrastructure project, regardless of whether infrastructure is the primary purpose of an award. The Build America, Buy America conditions only apply to infrastructure portions of an award and apply even if Federal funds are not paying for the entire project.
- “Project” means the construction, alteration, maintenance, or repair of infrastructure in the United States.
- “Infrastructure” includes roads, highways, and bridges; public transportation; dams, ports, harbors, and other maritime facilities; intercity passenger and freight railroads; freight and intermodal facilities; airports; water systems, including drinking water and wastewater systems; electrical transmission facilities and systems; utilities; broadband infrastructure; buildings and real property. The generation, transportation, and distribution of energy—including electric vehicle charging facilities—are considered infrastructure. Private homes for personal use are not.
- Build America, Buy America conditions do not apply to tools, equipment, and supplies brought to a construction site and removed at or before the completion of the project or to equipment and furnishings (such as chairs) used at or within the finished infrastructure project, but which are not an integral part of the structure or otherwise affixed to the project. For example, Build America, Buy America conditions would apply to the funds used to construct a library, but not to funds used to buy books or furniture for the library.

#### **Waiver Types**

With the concurrence of the Made in America Office, a Federal agency may waive the application of a Buy America Preference when the agency finds that:

(continued on next page)

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<sup>1</sup> Some programs or projects may not be covered by Build America, Buy America due to exclusions or the operation of waivers. Assistance recipients who have questions about whether their particular project is covered by Build America, Buy America should contact the funding agency.

- one or more iron or steel items, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality (a “**nonavailability waiver**”),
- the inclusion of one or more iron or steel items, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent (an “**unreasonable cost waiver**”), or
- applying the domestic content procurement preference for one or more iron or steel items, manufactured products, or construction materials would be inconsistent with the public interest (a “**public interest waiver**”)—public interest waivers are the most flexible type of waiver, but, like all waivers, must be necessary and appropriately justified.

### Waiver Principles

Federal agencies must be judicious in their use of waivers. They should apply the following principles when developing waiver proposals:

- **Limited:** Waivers should be project- or award-specific whenever possible, and time-limited when not limited to certain projects or awards.
- **Targeted:** Waivers should cover only the products or category of products necessary (rather than covering broad sectors such as “all manufactured products”).
- **Conditional:** Agencies should consider including conditions on the waiver, when appropriate and consistent with law, that advance the goal of Buy America policies.

### Waiver Process Requirements

- Agencies must post waivers for at least 15 days for public comment
- Agencies should consult with MIAO prior to posting a waiver with broader applicability (e.g., program-level waiver) to ensure it covers no more than necessary
- Agencies must submit waivers to MIAO for review after public comment to determine if it is consistent with policy
- MIAO, working with GSA, is working to build functionality on the existing [waiver transparency website](#)
- Agencies with existing general applicability waivers that are more than five years old (unless those waivers are product-specific) must begin reviewing those waivers by November 15, 2022. In the meantime, those waivers remain in force.

### Construction Materials

- Construction materials include an article, material, or supply that is or consists primarily of non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber; and drywall.
- The Build America, Buy America Guidance establishes a preliminary standard for construction materials, requiring the last two steps in the manufacturing process of the construction material be completed in the United States. OMB is seeking stakeholder input as it works to update this preliminary standard with a final standard, consistent with Build America, Buy America.