Addendum No.1

14 W Kemp Ave
Watertown, SD 57201
(605) 884-7090
www.teamtsp.com

Issued:	March 5, 2024
Bids Due:	March 19, 2024
Project Name:	City of Watertown, New City Hall Renovation and Addition
TSP Project No:	09201051

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:	In order to assist subtrades looking for active bidders, Prime Contractors are requested to advise TSP regarding intent to submit a bid. Distribution of documents is via the City of Watertown website and area plan rooms. These platforms DO NOT track plan holders, therefore, subtrades do not have access to know who to submit their bids. A Planholder List has been included as part of this addendum containing the known planholders at this time.

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.

SECTION #	ITEM DESCRIPTION	MANUFACTURER
23 09 00	Building Automatic Controls Systems for HVAC	Distech - Direct Digital Control
23 37 13	Diffusers, Registers, and Grilles	Greenheck
26 51 00	Type C3	Mojo Illumination
26 51 00	Type D1, D2, D2E	Elite LED Lighting
26 51 00	Type E1, E2, E3, EM	ABB Emergilite
26 51 00	Type N4, N4E	Signify Daybrite
26 51 00	Type P1	Brownlee Lighting
26 51 00	Type U2	Rayon Lighting
26 51 00	Type W1	Spectrum Lighting, Signify Stonco
26 51 00	Type W2, W4, W6	ALW
26 51 00	Type AA	Eclipse Lighting

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SPECIFICATION MANUAL:	
ITEM NO 1:	Section 072419, Water Drainage Exterior Insulation and Finish System. • Remove Section and replace with the attached revised specification section. • Updated system requirements and installers.
ITEM NO 2:	Section 101423, Panel Signage • Remove Section in its entirety.

ITEM NO 3:	Section 101423.23, Regulatory Panel Signage
	• 3.D. Change the schedule elements as follows:
	  ○ 002. Remove “MEN”. Change to Female, Male graphic.
	  ○ 003. Delete sign.
	  ○ Remove “ALTERNATE #2”. Signs are part of Base Bid scope.

ITEM NO 4:	Section 122416, Pleated Window Shades • This section has been added.
ITEM NO 5:	Section 233113, Metal Ducts • Remove 3.9 Field Quality Control in its entirety. • Remove 3.10 Duct Cleaning in its entirety.

DRAWINGS:	
ITEM NO 1:	Drawing AD101, Demolition Floor Plan • Remove sheet and replace with the attached revised drawing sheet. • Included Keynote #41 in Drawing E3.
ITEM NO 2:	Drawing AP101, Floor Plans • Remove sheet and replace with the attached revised drawing sheet. • Updated reception wall length in OPEN OFFICE. • Updated Keynote numbers. • Updated Door 016. • Remove Keynote on Drawing E3.
ITEM NO 3:	Drawing AP102, Addition Floor Plan • Remove sheet and replace with the attached revised drawing sheet. • Included additional detailing in MEETING.
ITEM NO 4:	Drawing A-201, Exterior Elevations • Remove sheet and replace with the attached revised drawing sheet. • Update Keynote #13. • Updated Keynote #15. • Changed Keynote #18. • Included Keynote #22 in Drawing C1 and C5. • Included Drawing C6. • Updated Drawing B6.

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ITEM NO 5:	Drawing A-202, Exterior Elevations and Sections – Addition • Remove sheet and replace with the attached revised drawing sheet. • Located Control Joint's (CJ) on drawings D2, D4, C2, and C4.
ITEM NO 6:	Drawing A-602, Room Finish Schedule & Signage. • Remove sheet and replace with the attached revised drawing sheet. • Remove signage types. • Changed VESTIBULE flooring.
ITEM NO 7:	Drawing A-701 Floor Plans and Elevations – Alternate #1 • Remove sheet and replace with the attached revised drawing sheet. • Addition of Keynote #33. • Locating Keynote #33 on Drawings D2 and B1. • Updating former keynote # 18 to #34.
ITEM NO 8:	Drawing A-702 Sections – Alternate #1 • Remove sheet and replace with the attached revised drawing sheet. • Updating Keynote #22
ITEM NO 9:	Drawing I-101, Interior Furniture Plan. • Remove sheet and replace with the attached revised drawing sheet. • Updated arrangement in the OPEN OFFICE.
ITEM NO 10:	Drawing PL101, Plumbing Plans. • See revised drawing sheet for addition waste piping routed through lower level.
ITEM NO 11:	Drawing M-102, Mechanical Plans – Addition Mechanical Plans. • See revised drawing sheet for revision of underground waste piping.
ITEM NO 12:	Drawing EP101, Power Plans: • See attachment for relocation of floor box outlets in Open Office 102, to be installed clear of furniture. • See attachment for relocation and one removal of duplex outlets in Lobby 101. Duplex outlets shall be installed in trim between PT1 panels in wall. Coordinate with General Contractor prior to installation. See attachment for addition of power outlet in Printing 013.
ITEM NO 13:	Drawing ET101, Power Plans: • See attachment for reference of data floor boxes for copiers in Open Office 102. See attachment for addition of data outlet backbox and conduit in Printing 013.
ITEM NO 14:	Drawing E-602, Electrical Panel Schedules: See attachment addition of circuit for Copier in Panel B.

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ATTACHMENTS:

- Planholder List
- Specification Sections: 072419, 122416
- Drawings: AD101, AP101, AP102, A-201, A-202, A-602, A-701, A-702, I-101, PL101, M-102, EP101, ET101, E-602

END OF ADDENDUM

Planholder List

1112 N West Ave
Sioux Falls, SD 57104

(605) 336-1160
www.teamtsp.com

March 5, 2024

RE: Watertown City Hall Renovation
City of Watertown
Watertown, South Dakota
TSP Project No. 09201051

Bid Date/Time: Tuesday, March 19, 2024 at 3pm local time

CONTRACTORS	
Scott Snoozy Comfort Plus Heating & Air Inc 605-881-0796 Scott.snoozy7@gmail.com	Jordan Peska Construction jordan@peskaconstruction.com 605-334-0173
Dustin Brownell Gray Construction dustin@grayconstruct.com	Mike Keller Kyburz-Carlson Carlson Construction Co. mailto:mkeller@kyburzcarlson.com 605-290-7659
Chad Huff Huff Construction Chad@huffconstructioninc.com 605-226-0052	

PLAN ROOMS	
Aberdeen Builders Exchange Sherri (605) 290-4210 dakotabuild@midconetwork.com	Ms. Kasi Kuiper Construction Industry Center Plan Room Administrator 2771 Plant Street – P.O. Box 1227 Rapid City, SD 57702 – 57709 P: 605-343-5252 – F: 605-343-4591 kasi@constructionindustrycenter.com
Michelle Gonzales Administrative Assistant | Lincoln Builders Bureau 5910 S 58TH Street, Suite C | Lincoln, NE 68516 p: 402.421.8332 | f: 402.421.8334 mgonzales@buildersbureau.com	Plains Builders Exchange 220 N Kiwanis Ave Sioux Falls SD 57104 605-334-8886 info@plainsbuilders.com
Fargo Moorhead Builders Exchange info@fmbx.org	ConstructConnect Gina.cruz@constructconnect.com 513-458-5799
Dodge Data & Analytics T (413) 507-3174 | F 413-247-4968 E milica.yurong@construction.com Dodge Data & Analytics Arlington, Tx 76018	Sioux Falls Builders Exchange 1418 C Ave Sioux Falls SD 57104 Phone: (605) 357-8687 Fax: (605) 357-8655 info@sfbx.com
Master Builders of Iowa 903 6th St Sioux City IA 51101 Phone: (712) 255-9533 Mbiplanroom-dsm@mbi.build	Lincoln Builders Bureau 5910 S. 58th St, Suite C Lincoln, NE 68516 Phone: (402) 421-8332 Fax: (402) 421-8334 info@buildersbureau.com

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Minnesota Builders Exchange 1123 Glenwood Ave Minneapolis MN 55405-1431 Phone: (612) 381-2620 Fax: (612) 381-2621 projects@mbex.org	Construction Industry Center 2771 Plant St Rapid City SD 57702 (605) 343-5252 cic@constructionindustrycenter.com

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

SECTION 07 24 19
WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

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. EIFS-clad drainage-wall assemblies that are field applied over substrate.
  2. Custom Brick finish.
  3. Water-resistive barrier coatings.
- B. Related Requirements:
  1. Section 07 25 00 "Weather Barriers" for water-resistant building paper or building wrap and flexible flashings installed over sheathing behind mechanically fastened EIFS.

1.3 DEFINITIONS
- A. Definitions in ASTM E2110 apply to Work of this Section.
- B. EIFS: Exterior insulation and finish system(s).
- C. IBC: International Building Code.

1.4 PREINSTALLATION MEETINGS
- A. Preinstallation Conference: Conduct conference at Project site.

1.5 ACTION SUBMITTALS
- A. Product Data: For each EIFS component, trim, and accessory, including water-resistive barrier coatings.
- B. Shop Drawings:
  1. Include details for EIFS buildouts.
- C. Samples: For each exposed product and for each color and texture specified, 8 inches square in size.
- D. Samples for Initial Selection: For each type of finish-coat color and texture indicated.
  1. Include similar Samples of exposed accessories involving color selection.
- E. Samples for Verification: 24-inch-square panels for each type of finish-coat color and texture indicated, prepared using same tools and techniques intended for actual work, including custom trim, each profile, and an aesthetic reveal.
  1. Include exposed trim and accessory Samples to verify color selected.
  2. Include a typical control joint filled with sealant of color selected, as specified in Section 07 92 00 "Joint Sealants."

1.6 INFORMATIONAL SUBMITTALS
- A. Qualification Data: For Installer.
- B. Manufacturer Certificates: Signed by EIFS manufacturer, certifying the following:
  1. EIFS complies with requirements.
  2. Substrates to which EIFS is indicated to be attached are acceptable to EIFS manufacturer.
  3. Accessory products installed with EIFS, including joint sealants, flashing, water-resistive barrier coatings, trim, whether or not furnished by EIFS manufacturer and whether or not specified in this Section, are acceptable to EIFS manufacturer.
- C. Product Certificates: For insulation and joint sealant, from manufacturer.
- D. Product Test Reports: For each EIFS assembly and component, and for water-resistive barrier coatings.
- E. Field quality-control reports.
- F. Sample Warranty: For manufacturer's special warranty.

1.7 CLOSEOUT SUBMITTALS

A. Maintenance Data: For EIFS to include in maintenance manuals.

1.8 QUALITY ASSURANCE

A. Installer Qualifications: An installer who is certified in writing by AWCI International as qualified to install Class PB EIFS using trained workers.

B. Available installers qualified to install the “Custom Brick” system include, but are not limited to the following:
   1. David Kramer Drywall
   2. JKXteriors
   3. Michael Johnson Contracting

C. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, to set quality standards for materials and execution, and to set quality standards for fabrication and installation.
   1. Build mockup of typical wall area(s) and details as shown on Drawings.
   2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
   3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in original, unopened packages with manufacturers' labels intact and clearly identifying products.

B. Store materials inside and under cover; keep them dry and protected from weather, direct sunlight, surface contamination, aging, corrosion, damaging temperatures, construction traffic, and other causes.
   1. Stack insulation board flat and off the ground.
   2. Protect plastic insulation against ignition at all times. Do not deliver plastic insulating materials to Project site before installation time.
   3. Complete installation and concealment of plastic materials as rapidly as possible in each area of construction.

1.10 FIELD CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions and ambient outdoor air, humidity, and substrate temperatures permit EIFS to be applied, dried, and cured according to manufacturers' written instructions and warranty requirements.
   1. Proceed with installation of adhesives or coatings only when ambient temperatures have remained, or are forecast to remain, above 40 deg F (4.4 deg C) for a minimum of 24 hours before, during, and after application. Do not apply EIFS adhesives or coatings during rainfall.

1.11 WARRANTY

A. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace components of EIFS-clad drainage-wall assemblies that fail in materials or workmanship within specified warranty period.
   1. Failures include, but are not limited to, the following:
      a. Bond integrity and weathertightness.
      b. Deterioration of EIFS finishes and other EIFS materials beyond normal weathering.
   2. Warranty coverage includes the following components of EIFS-clad drainage-wall assemblies:
      a. EIFS finish, including base coats, finish coats, and reinforcing mesh.
      b. Insulation installed as part of EIFS including foam buildouts.

c. Insulation adhesive and mechanical fasteners.
d. EIFS accessories, including trim components and flashing.
e. Water-resistive barrier coatings.
f. EIFS drainage components.

3. Warranty Period: ~~Five~~ **Ten** years from date of Substantial Completion.
   a. Follow all manufacturer requirements to achieve warranty.

B. Installer Warranty

1. System installer shall provide a separate minimum one-year warranty for all workmanship related to the proper installation and drainage performance of the EIFS application.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design: Dryvit Systems Inc. **Outsulation Plus MD System with** Custom Brick Polymer Finish System for use on Vertical Walls

B. Source Limitations: Obtain EIFS from single source from single EIFS manufacturer and from sources approved by EIFS manufacturer as compatible with EIFS components.

2.2 PERFORMANCE REQUIREMENTS

A. EIFS Performance: Comply with ASTM E2568 and with the following:
   1. Weathertightness: Resistant to uncontrolled water penetration from exterior, with a means to drain water entering EIFS to the exterior.
   2. Structural Performance of Assembly and Components:
      a. Wind Loads: Uniform pressure as indicated on Drawings.
   3. Impact Performance: ASTM E2568, High impact resistance
   4. Abrasion Resistance of Finish Coat: Sample consisting of 1-inch-thick EIFS mounted on 1/2-inch-thick gypsum board; cured for a minimum of 28 days and shows no cracking, checking, or loss of film integrity after exposure to 528 quarts of sand when tested according to ASTM D968, Method A.
   5. Mildew Resistance of Finish Coat: Sample applied to 2-by-2-inch clean glass substrate; cured for 28 days and shows no growth when tested according to ASTM D3273 and evaluated according to ASTM D3274.
   6. Drainage Efficiency: 90 percent average minimum when tested according to ASTM E2273.

2.3 EIFS MATERIALS

A. Water-Resistive Barrier Coating: EIFS manufacturer's standard formulation and accessories for use as water-resistive barrier coating; compatible with substrate.
   1. Water-Resistance: Comply with physical and performance criteria of ASTM E2570/E2570M.

B. Flexible-Membrane Flashing: Cold-applied, self-adhering, self-healing, rubberized-asphalt, and polyethylene-film composite sheet or tape and primer; EIFS manufacturer's standard or product recommended in writing by EIFS manufacturer.

C. Insulation Adhesive: EIFS manufacturer's standard formulation designed for indicated use; specifically formulated to be applied to back side of insulation in a manner that creates open vertical channels designed to serve as an integral part of the water-drainage system of the EIFS-clad drainage-wall assembly; compatible with substrate; and complying with one of the following:
   1. Factory-mixed noncementitious formulation designed for adhesive attachment of insulation to substrates of type indicated, as recommended by EIFS manufacturer.

D. Drainage Mat: Three-dimensional, nonwoven, entangled filament, nylon or plastic [Woven or fused, self-furring, PVC mesh lath mat designed to drain incidental moisture by gravity; EIFS manufacturer's standard or product recommended in writing by EIFS manufacturer, with

manufacturer's standard corrosion-resistant mechanical fasteners suitable for intended substrate.

E. Molded, (Expanded) Rigid Cellular Polystyrene Board Insulation: Comply with ASTM E2430/E2430M, unless otherwise noted, and the following:
   1. Flame-Spread and Smoke-Developed Indexes: 25 and 450 or less, respectively, according to ASTM E84.
   2. Dimensions: Provide insulation boards of not more than 24 by 48 inches, with thickness indicated on Drawings.
   3. Channeled Board Insulation: EIFS manufacturer's standard factory-fabricated profile with linear, vertical-drainage channels, slots, or waves on the back side of board.
   4. Foam Buildouts: Provide with profiles and dimensions indicated on Drawings.

F. Reinforcing Mesh: Balanced, alkali-resistant, open-weave, glass-fiber mesh treated for compatibility with other EIFS materials, made from continuous multiend strands with retained mesh tensile strength of not less than 120 lbf/in. according to ASTM E2098/E2098M and the following:
   1. Reinforcing Mesh for EIFS, General: Not less than weight required to comply with impact-performance level specified in "Performance Requirements" Article.
   2. Strip-Reinforcing Mesh: Not less than as recommended by EIFS manufacturer.
   3. Detail-Reinforcing Mesh: Not less than as recommended by EIFS manufacturer.
   4. Corner-Reinforcing Mesh: Not less than as recommended by EIFS manufacturer.
   5. Provide for ultra high impact mesh assembly for all EIFS clad walls within 4’-0” of grade and where additionally indicated on the drawings.

G. Base Coat: EIFS manufacturer's standard mixture complying with the following:
   1. Factory-mixed noncementitious formulation of polymer-emulsion adhesive and inert fillers that is ready to use without adding other materials.

H. Mechanical Fasteners: EIFS manufacturer's standard corrosion-resistant fasteners, consisting of thermal cap, standard washer and shaft attachments, and fastener indicated below; designed to resist Project's design loads; capable of pulling fastener head below surface of insulation board; and complying with the following:
   1. For attachment to wood framing members and plywood sheathing, provide steel drill screws complying with ASTM C1002, Type W.

I. Primer: EIFS manufacturer's standard factory-mixed, elastomeric-polymer primer for preparing base-coat surface for application of finish coat.

J. Finish Coat: EIFS manufacturer's standard acrylic-based coating with Dirt Pickup Resistance DPR. complying with the following:
   1. Factory-mixed formulation of polymer-emulsion binder, colorfast mineral pigments, sound stone particles, and fillers.
   2. Colors: As selected by Architect from manufacturer's full range. **Match Architect’s sample.**
      a. At the new addition, match the fascia to the recoat and painting on the existing building.
      b. At Alternate #1, match the adjacent, existing brick. Anticipate individual color modification to match the existing blend.
      c. At Alternate #1, match the adjacent, existing stone.
   ~~**3.** Textures: As selected by Architect from manufacturer's full range complete with NCB grout and Custom Brick patterns.~~
   4. Specialty Finishes and Veneers:
      a. Custom Brick. Acrylic polymer-based finish used in conjunction with a proprietary template system to create the look of stone, brick, slate or tile.
      b. Lymestone. Premixed, acrylic based finish designed to replicate the appearance of limestone blocks.

K. Sealer: Manufacturer's waterproof, clear acrylic-based sealer for protecting finish coat.

L. Water: Potable.

M. Trim Accessories: Type as designated or required to suit conditions indicated and to comply with EIFS manufacturer's written instructions; manufactured from UV-stabilized PVC; and complying with ASTM D1784, manufacturer's standard cell class for use intended, and ASTM C1063.
   1. Casing Bead: Prefabricated, one-piece type for attachment behind insulation, of depth required to suit thickness of coating and insulation, with face leg perforated for bonding to coating and back leg.
   2. Drip Screed/Track: Prefabricated, one-piece type for attachment behind insulation with face leg extended to form a drip, of depth required to suit thickness of coating and insulation, with face leg perforated for bonding to coating and back leg.
   3. Weep Screed/Track: Prefabricated, one-piece type for attachment behind insulation with perforated face leg extended to form a drip and weep holes in track bottom, of depth required to suit thickness of coating and insulation, with face leg perforated for bonding to coating and back leg; designed to drain incidental moisture that gets into wall construction to the exterior at terminations of EIFS with drainage.
   4. Expansion Joint: Closed-cell polyethylene backer rod and elastomeric sealant 3/4-inch-minimum.
   5. Windowsill Flashing: Prefabricated type for both flashing and sloping sill over framing beneath windows; with end and back dams; designed to direct water to exterior.
   6. Parapet Cap Flashing: Type for both flashing and covering parapet top, with design complying with ASTM C1397 and ANSI/SPRI/FM 4435/ES-1.

2.4 MIXING

A. Comply with EIFS manufacturer's requirements for combining and mixing materials. Do not introduce admixtures, water, or other materials, except as recommended by EIFS manufacturer. Mix materials in clean containers. Use materials within time period specified by EIFS manufacturer or discard.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
B. Examine roof edges, wall framing, flashings, openings, substrates, and junctures at other construction for suitable conditions where EIFS will be installed.
C. Proceed with installation only after unsatisfactory conditions have been corrected.
   1. Begin coating application only after surfaces are dry.
   2. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Protect contiguous work from moisture deterioration and soiling caused by application of EIFS. Provide temporary covering and other protection needed to prevent spattering of exterior finish coats on other work.
B. Protect EIFS, substrates, and wall construction behind them from inclement weather during installation. Prevent penetration of moisture behind drainage plane of EIFS and deterioration of substrates.
C. Prepare and clean substrates to comply with EIFS manufacturer's written instructions to obtain optimum bond between substrate and adhesive for insulation.
   1. Concrete Substrates: Provide clean, dry, neutral-pH substrate for insulation installation. Verify suitability of substrate by performing bond and moisture tests recommended by EIFS manufacturer.

3.3 EIFS INSTALLATION, GENERAL

A. Comply with ASTM C1397, ASTM E2511, and EIFS manufacturer's written instructions for installation of EIFS as applicable to each type of substrate indicated.

3.4 SUBSTRATE PROTECTION APPLICATION

A. Water-Resistive Barrier Coating: Apply over sheathing to provide a water-resistive barrier.
   1. Tape and seal joints, exposed edges, terminations, and inside and outside corners of sheathing unless otherwise indicated by EIFS manufacturer's written instructions.

B. Flexible-Membrane Flashing: Install over water-resistive barrier coating, applied and lapped to shed water; seal at openings, penetrations, and terminations. Prime substrates with flashing primer if required and install flashing.

3.5 TRIM INSTALLATION

A. Trim: Apply trim accessories at perimeter of EIFS, at expansion joints, at windowsills, and elsewhere as indicated. Coordinate with installation of insulation.
   1. Weep Screed/Track: Use at bottom termination edges, at window and door heads, and at floor line expansion joints] of water-drainage EIFS unless otherwise indicated.
   2. Windowsill Flashing: Use at windows unless otherwise indicated.

3.6 DRAINAGE MAT INSTALLATION

A. Drainage Mat: Apply wrinkle free, continuously, with edges butted and mechanically secured with fasteners over water-resistive barrier coating.

3.7 INSULATION INSTALLATION

A. Board Insulation: Mechanically attach insulation to substrate in compliance with ASTM C1397 and the following:
   1. Mechanically attach insulation to substrate. Install top surface of fastener heads flush with plane of insulation. Install fasteners into or through substrates with the following minimum penetration:
      a. Wood Framing: 1 inch.
   2. Apply insulation over substrates in courses with long edges of boards oriented horizontally.
   3. Begin first course of insulation from a level base line and work upward.
   4. Begin first course of insulation from screed/track and work upward. Work from perimeter casing beads toward interior of panels if possible.
   5. Stagger vertical joints of insulation boards in successive courses to produce running bond pattern. Locate joints, so no piece of insulation is less than 12 inches wide or 6 inches high. Offset joints not less than 6 inches from corners of window and door openings.
      a. Mechanical Attachment: Offset joints of insulation from horizontal joints in sheathing.
   6. Apply channeled insulation, with drainage channels aligned vertically.
   7. Interlock ends at internal and external corners.
   8. Abut insulation tightly at joints within and between each course to produce flush, continuously even surfaces without gaps or raised edges between boards. If gaps greater than 1/16 inch occur, fill with insulation cut to fit gaps exactly; insert insulation without using adhesive or other material.
   9. Cut insulation to fit openings, corners, and projections precisely and to produce edges and shapes complying with details indicated.
   10. Rasp or sand flush entire surface of insulation to remove irregularities projecting more than 1/32 inch from surface of insulation and to remove yellowed areas due to sun exposure; do not create depressions deeper than 1/16 inch. Prevent airborne dispersal and immediately collect insulation raspings or sandings.

11. Cut aesthetic reveals in outside face of insulation with high-speed router and bit configured to produce grooves, rabbets, and other features that comply with profiles and locations indicated. Do not reduce insulation thickness at aesthetic reveals to less than 3/4 inch.
12. Install foam buildouts and attach to structural substrate by adhesive and mechanical fastening.
13. Interrupt insulation for expansion joints where indicated.
14. Form joints for sealant application by leaving gaps between adjoining insulation edges and between insulation edges and dissimilar adjoining surfaces. Make gaps wide enough to produce joint widths indicated after encapsulating joint substrates with base coat and reinforcing mesh.
15. Form joints for sealant application with back-to-back casing beads for joints within EIFS and with perimeter casing beads at dissimilar adjoining surfaces. Make gaps between casing beads and between perimeter casing beads and adjoining surfaces of width indicated.
16. Before installing insulation and before applying field-applied reinforcing mesh, fully wrap board edges. Cover edges of board and extend encapsulating mesh not less than 2-1/2 inches over front and back face unless otherwise indicated on Drawings.
17. Treat exposed edges of insulation as follows:
    a. Except for edges forming substrates of sealant joints, encapsulate with base coat, reinforcing mesh, and finish coat.
    b. Encapsulate edges forming substrates of sealant joints within EIFS or between EIFS and other work with base coat and reinforcing mesh.
    c. At edges trimmed by accessories, extend base coat, reinforcing mesh, and finish coat over face leg of accessories.
18. Coordinate installation of flashing and insulation to produce wall assembly that does not allow water to penetrate behind flashing and water-resistive barrier coating.

B. Expansion Joints: Install at locations indicated, where required by EIFS manufacturer, and as follows:
1. At expansion joints in substrates behind EIFS.
2. Where EIFS adjoin dissimilar substrates, materials, and construction, including other EIFS.
3. At floor lines in multilevel wood-framed construction.
4. Where wall height or building shape changes.
5. Where EIFS manufacturer requires joints in long continuous elevations.

3.8 BASE-COAT APPLICATION

A. Base Coat: Apply full coverage to exposed insulation with not less than 1/16-inchdry-coat thickness.

B. Reinforcing Mesh: Embed reinforcing mesh in wet base coat to produce wrinkle-free installation with mesh continuous at corners, overlapped not less than 2-1/2 inches or otherwise treated at joints to comply with ASTM C1397. Do not lap reinforcing mesh within 8 inches of corners. Completely embed mesh, applying additional base-coat material if necessary, so reinforcing-mesh color and pattern are invisible.

C. Double-Layer Reinforcing-Mesh Application: Where indicated or required, apply second base coat and second layer of reinforcing mesh, overlapped not less than 2-1/2 inches or otherwise treated at joints to comply with ASTM C1397 in same manner as first application. Do not apply until first base coat has cured.

D. Additional Reinforcing Mesh: Apply strip-reinforcing mesh around openings, extending 4 inches beyond perimeter. Apply additional 9-by-12-inch strip-reinforcing mesh diagonally at corners of openings (re-entrant corners). Apply 8-inch-wide, strip-reinforcing mesh at both inside and outside corners unless base layer of mesh is lapped not less than 4 inches on each side of corners.
1. At aesthetic reveals, apply strip-reinforcing mesh not less than 8 inches wide.

2. Embed strip-reinforcing mesh in base coat before applying first layer of reinforcing mesh.

E. Foam Buildouts: Fully embed reinforcing mesh in base coat.

F. Double Base-Coat Application: Where indicated, apply second base coat in same manner and thickness as first application, except without reinforcing mesh. Do not apply until first base coat has cured.

3.9 FINISH-COAT APPLICATION

A. Primer: Apply over dry base coat.

B. Finish Coat: Apply full-thickness coverage over dry base coat, maintaining a wet edge at all times for uniform appearance, to produce a uniform finish of color and texture matching approved sample and free of cold joints, shadow lines, and texture variations.

1. Embed aggregate in finish coat to produce a uniform applied-aggregate finish of color and texture matching approved sample.

2. Apply as required by manufacturer for specialty finish and veneer.

a. Apply additional cosmetic improvements to replicate indicated sample.

C. Sealer Coat: Apply over dry finish coat, in number of coats and thickness required by EIFS manufacturer.

3.10 CLEANING AND PROTECTION

A. Remove temporary covering and protection of other work. Promptly remove coating materials from window and door frames and other surfaces outside areas indicated to receive EIFS coatings.

END OF SECTION 07 24 19

DIVISION 12 - FURNISHINGS

SECTION 12 24 16
PLEATED WINDOW SHADES

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. Cellular pleated shades.

1.3 ACTION SUBMITTALS
- A. Product Data: For each type of product.
- B. Shop Drawings: Show fabrication and installation details for pleated shades.
- C. Samples: For each exposed product and for each color and texture specified, 10 inches (250 mm) long.
- D. Samples for Initial Selection: For each type of pleated shade.
  1. Include Samples of accessories involving color selection.

1.4 CLOSEOUT SUBMITTALS
- A. Maintenance Data: For pleated shades to include in maintenance manuals.

1.5 MAINTENANCE MATERIAL SUBMITTALS
- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  1. Pleated Shades: Full-size units equal to 5 percent of quantity installed for each size, color, texture, and pattern indicated, but no fewer than two units.

1.6 QUALITY ASSURANCE
- A. Installer Qualifications: Fabricator of products.

1.7 DELIVERY, STORAGE, AND HANDLING
- A. Deliver pleated shades in factory packages, marked with manufacturer, product name, and location of installation using same designations indicated on Drawings.

1.8 FIELD CONDITIONS
- A. Environmental Limitations: Do not install pleated shades until construction and finish work in spaces, including painting, is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where pleated shades are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operating hardware of operable glazed units through entire operating range. Notify Architect of installation conditions that vary from Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

PART 2 - PRODUCTS

2.1 CELLULAR PLEATED SHADES
- A. Cellular Pleated Shades: Horizontally folded shades with multiple fabric layers that form accordion folds that enclose airspaces or cells between the fabric layers.
  1. Manufacturers: Subject to compliance with requirements, provide products by the following:
     a. Hunter Douglas Contract, Duette FR Honeycomb Shades.

B. Source Limitations: Obtain cellular pleated shades from single source from single manufacturer.
C. Cellular Pleated-Shade Construction: Two fabric thicknesses.
D. Shade Face Fabric: Stain and fade resistant.
   1. Flame-Resistance Rating: Comply with NFPA 701; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
   2. Type: Manufacturer's standard.
   3. Fabric Width: As required to produce shades without seams for locations indicated and as indicated on Drawings.
   4. Color: As selected by Architect from manufacturer's full range.
   5. Opacity: Semi-opaque and Opaque.
   6. Pleat size: 3/4".
E. Shade Backup Fabric: Stain and fade resistant.
   1. Flame-Resistance Rating: Comply with NFPA 701; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
   2. Type: Manufacturer's standard.
   3. Fabric Width: Matching face fabric.
   4. Color: As selected by Architect from manufacturer's full range.
F. Headrail: Extruded aluminum. Headrails fully enclose operating mechanisms on three sides and have capped ends.
   1. Capacity: One shade per headrail unless otherwise indicated.
   2. Manual Operating Mechanisms: Manufacturer's standard cordless-control system with top down/ bottom up capabilities.
G. Bottom Rail: Formed-steel or extruded-aluminum tube that secures end of shade fabric and has capped ends.
H. Mounting Brackets: With spacers and shims required for shade placement and alignment indicated.
   1. Intermediate Support: Provide intermediate support brackets to produce support spacing recommended by shade manufacturer for weight and size of shade.
I. Hold-Down Brackets: Manufacturer's standard.
J. Valance: Manufacturer's standard with fabric insert matching shade fabric.
K. Component Colors: Provide rails, cords, and other materials exposed to view in colors as selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, locations of connections to building electrical system, and other conditions affecting performance of the Work.
B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 ADJUSTING

A. Adjust and balance pleated shades to operate smoothly, easily, safely, and free from binding or malfunction through entire operational range.

3.3 CLEANING AND PROTECTION

A. Clean pleated-shade surfaces after installation, according to manufacturer's written instructions.
B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensures that pleated shades are without damage or deterioration at time of Substantial Completion.
C. Replace damaged pleated shades that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

3.4 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain motorized operators for pleated shades.

END OF SECTION 12 24 16

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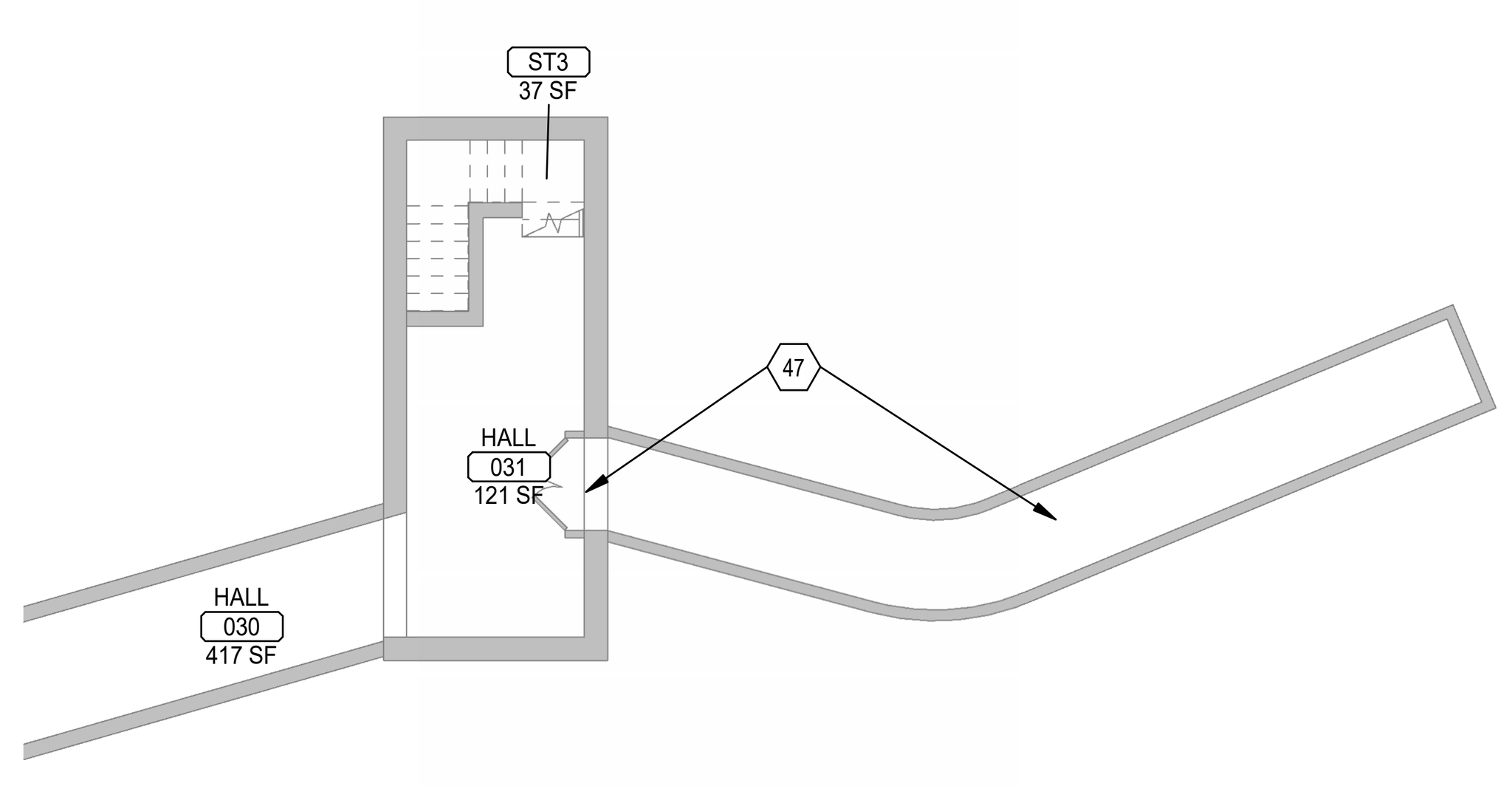
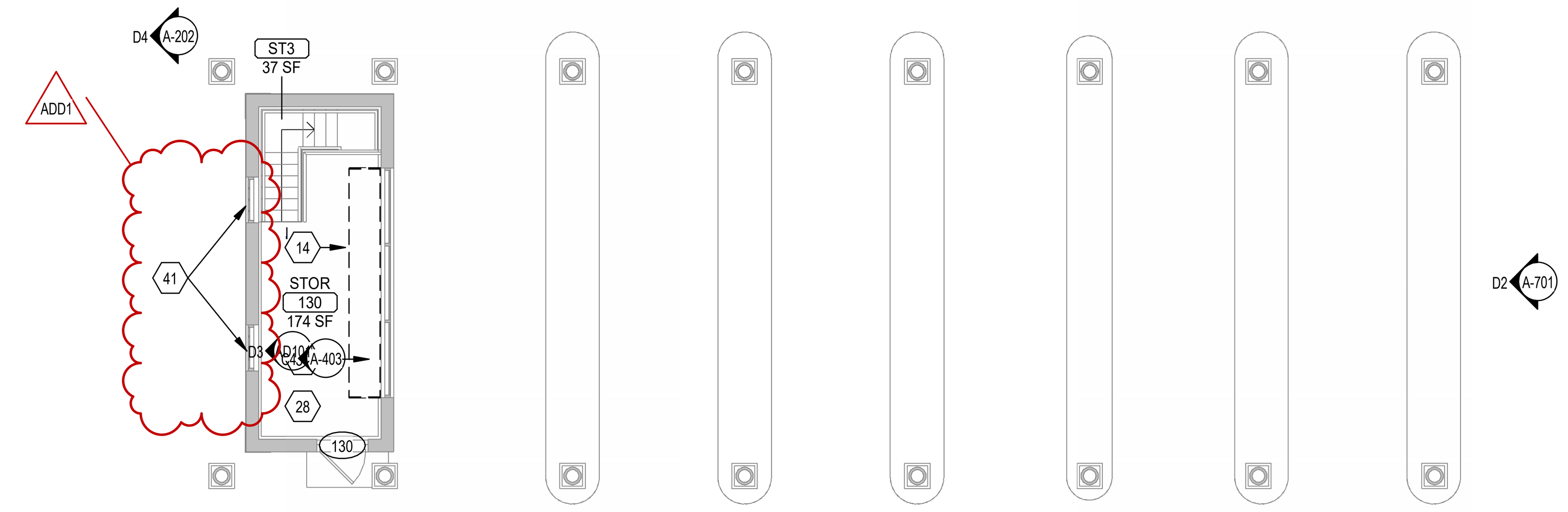
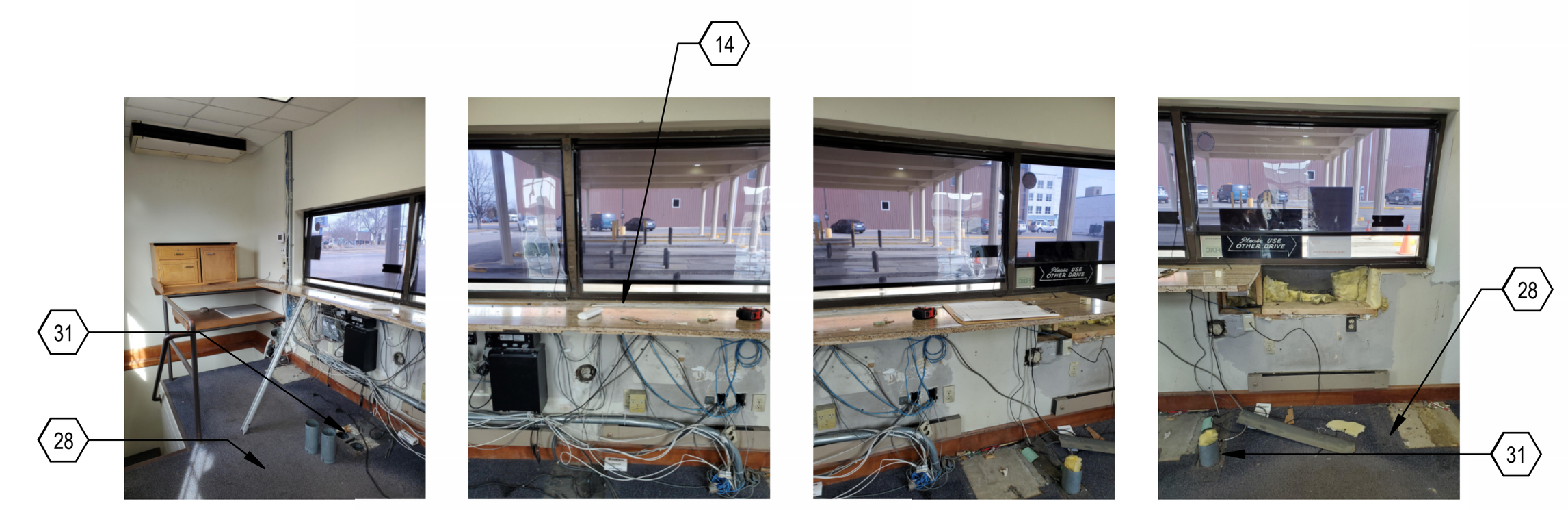


E1 **LOWER LEVEL DEMOLITION PLAN TELLER**
SCALE: 1/8" = 1'-0"

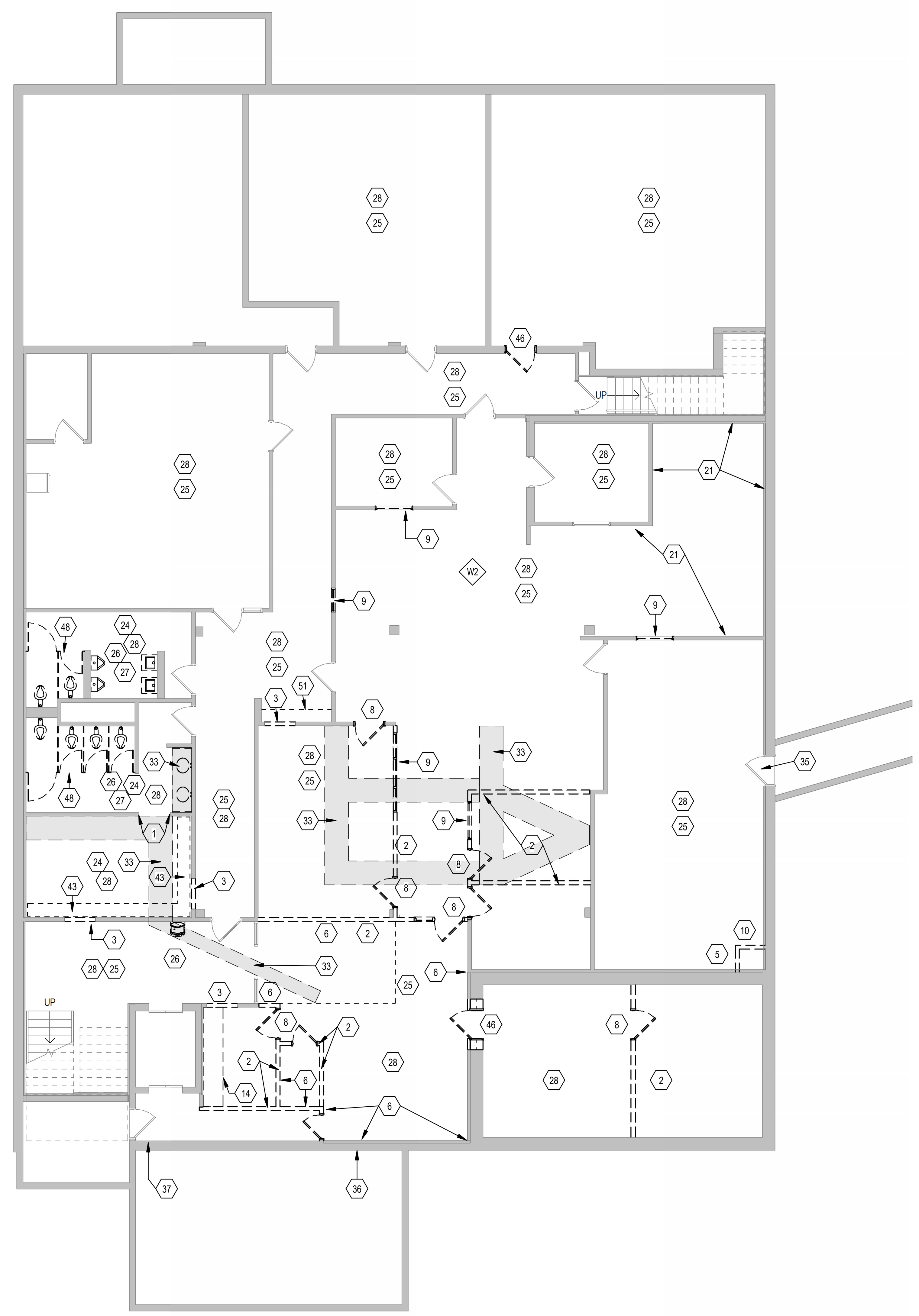


E3 **FIRST LEVEL DEMOLITION PLAN - TELLER**
SCALE: 1/8" = 1'-0"

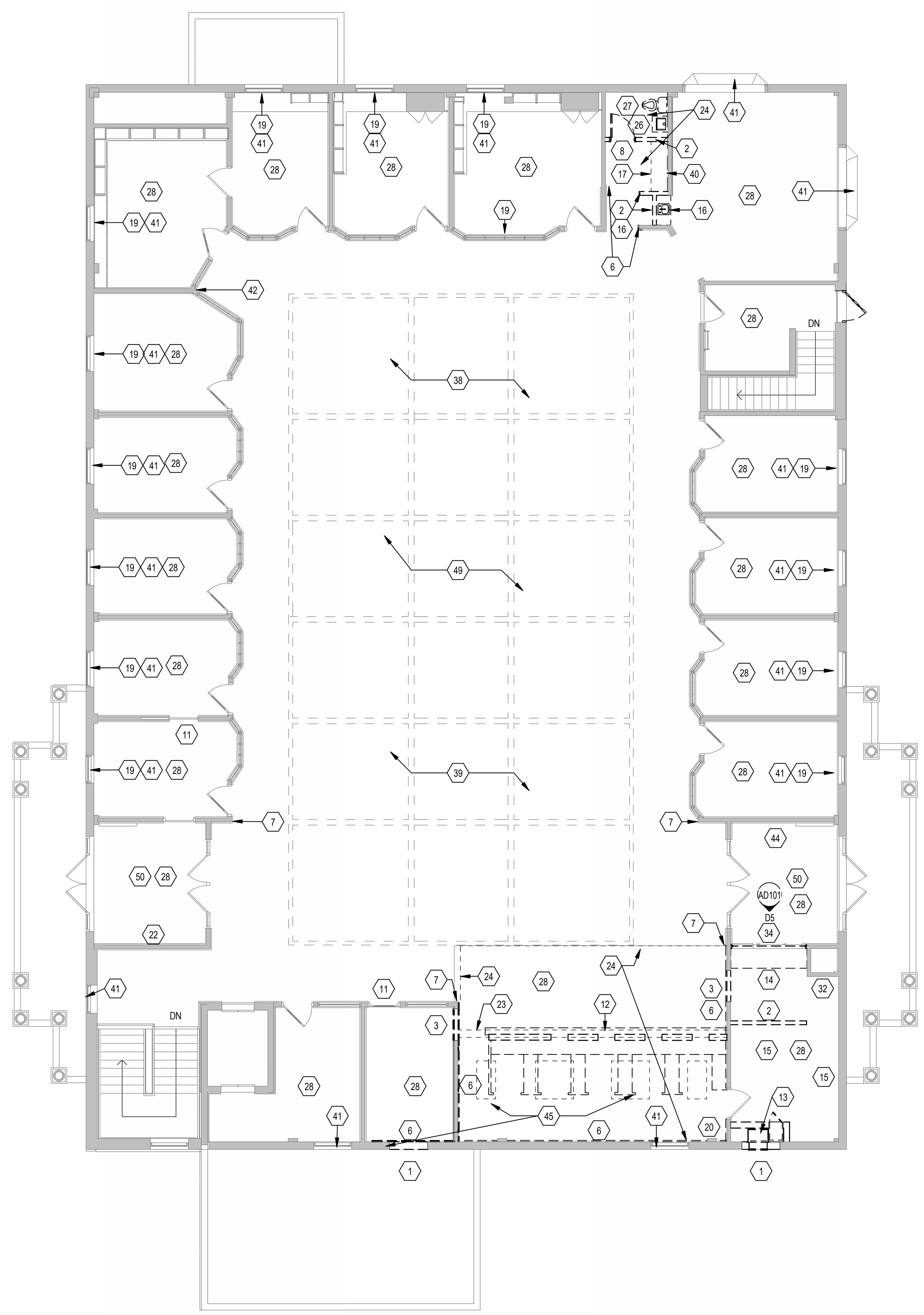


D3 **ELEVATION - TELLER 130, EAST**
SCALE: NOT TO SCALE

D5 **ELEVATION - TELLER WINDOW**
SCALE: NOT TO SCALE



A1 **LOWER LEVEL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



A3 **FIRST LEVEL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

SHEET GENERAL NOTES:

A. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION NECESSARY TO ALLOW FOR COMPLETION OF WORK AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS - DEMOLITION OPERATIONS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE ITEMS DESCRIBED BY KEYNOTES HEREIN. REFERENCE STRUCTURAL, MECHANICAL, AND ELECTRICAL DOCUMENTS FOR ADDITIONAL INFORMATION.

B. ALL SURFACES DAMAGED DURING DEMOLITION SHALL BE REPAIRED FOR APPLICATION OF NEW FINISHES OR PATCHED TO MATCH EXISTING. INDEPENDENT TRADES ARE RESPONSIBLE FOR THEIR RESPECTIVE CUT AND PATCH. R

C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS WHICH ARE TO MATCH EXISTING CONSTRUCTION. CONTACT A/E WITH DISCREPANCIES
.

D. SALVAGE ALL EXISTING REMOVED WOOD COMPONENTS (TELLER , PANELS, TRIM AND MOLDINGS) FOR REUSE IN REPAIR AREAS.

E. WHERE EXISTING WALL/ FLOOR FINISHES ARE REMOVED. PATCH AND REPAIR SUBSTRATES FOR PROPOSED FINISHES.

KEY NOTES:

1. EXISTING CASED OPENING TO REMAIN. PREPARE FRAME FOR NEW DOOR.
2. REMOVE PORTION OF EXISTING INTERIOR WALL ASSEMBLY. WOOD STUD. FULL HEIGHT.
3. REMOVE PORTION OF EXISTING INTERIOR WALL ASSEMBLY. WOOD STUD. FOR NEW OPENING.
4. REMOVE PORTION OF EXISTING MASONRY WALL. FULL HEIGHT.
5. REMOVE PORTION OF EXISTING DUMBWAITER SHAFT. FLOOR TO FLOOR.
6. REMOVE PORTION OF EXISTING WOOD PANEL AND TRIM ASSEMBLY. SALVAGE FOR REUSE IN REPAIR AREAS. PATCH, FILL HOLES, PREPARE SURFACE FOR NEW FINISH.
7. REMOVE PORTION OF EXISTING WOOD PANEL AND TRIM ASSEMBLY TO INSTALL NEW WALL/FRAME ASSEMBLY.
8. REMOVE EXISTING DOOR AND FRAME ASSEMBLY.
9. REMOVE EXISTING WOOD FRAMED WINDOW.
10. REMOVE EXISTING DUMBWAITER HOISTWAY ENTRANCE.
11. REMOVE PORTION OF EXISTING DOOR HARDWARE.
12. REMOVE EXISTING TELLER COUNTER ASSEMBLY.
13. REMOVE EXISTING NIGHT DEPOSITORY ASSEMBLY. ONE DEPOSITORY THROUGH THE EXTERIOR WALL. TWO SAFES. PATCH FLOOR FLUSH WITH ADJACENT SURFACES.
14. REMOVE EXISTING COUNTER. PATCH HOLES TO MATCH ADJACENT SURFACES.
15. REMOVE EXISTING SURFACE MOUNTED SHELF.
16. REMOVE EXISTING BUILT IN SHELVING.
17. REMOVE EXISTING COAT ROD AND SHELF. CLEAN, SALVAGE, REINSTALL
18. REMOVE EXISTING COUNTER.
19. REMOVE EXISTING SURFACE MOUNTED CURTAIN RAIL.
20. REMOVE EXISTING FIRE EXTINGUISHER CABINET. SALVAGE FIRE EXTINGUISHER FOR REUSE.
21. REMOVE EXISTING ACOUSTIC TILE FROM WALL.
22. EXISTING DISPLAY CASE TO REMAIN. MODIFY AS DIRECTED WITHIN DOCUMENTS..
23. REMOVE EXISTING BULKHEAD ABOVE TELLER LINE.
24. REMOVE PORTION OF EXISTING GYPSUM BOARD CEILING ASSEMBLY.
25. REMOVE PORTION OF EXISTING SUSPENDED CEILING ASSEMBLY.
26. REMOVE EXISTING PLUMBING FIXTURE.
27. REMOVE EXISTING TOILET ACCESSORIES.
28. REMOVE EXISTING FLOORING AND VINYL BASE WHERE OCCURS.
29. NOT USED.
30. NOT USED.
31. CUT OFF PENETRATIONS FLUSH WITH FLOOR. CAP/FILL PENETRATIONS FLUSH WITH ADJACENT SURFACE.
32. EXISTING DUMBWAITER SHAFT TO REMAIN ON THIS FLOOR. EXISTING SHAFT TO REMAIN TO PROVIDE ACCESS BETWEEN CEILING CAVITIES.
33. SHADED AREA REPRESENTS APPROXIMATE CUT AND PATCH AREA OF SLAB ON GRADE FOR UNDERFLOOR UTILITIES.
34. REMOVE EXISTING TELLER WINDOW AND PASS THRU ASSEMBLY.
35. REMOVE EXISTING BOX CONCEALING PIPE/CONDUIT TRANSITION
36. COORDINATE WITH MECHANICAL AND ELECTRICAL FOR NEW PENETRATION. PROVIDE WATERPROOFING AROUND NEW PENETRATION.
37. COORDINATE WITH MECHANICAL ON REMOVAL OF EXISTING PIPING PENETRATION. PATCH VOID TO MATCH ADJACENT SURFACE AND WATERPROOF EXTERIOR.
38. COORDINATE WITH ELECTRICAL TO PATCH ABANDONED FLOOR PENETRATIONS. PATCH TO MATCH ADJACENT SURFACE.
39. REMOVE, SALVAGE, CLEAN AND REINSTALL EXISTING LAY-IN GRILL PANELS FOR ACCESS TO LOCATION OF NEW FIRE SPRINKLER INSTALLATION.
40. REMOVE EXISTING WALL BOARD FOR ACCESS TO EXISTING PLUMBING.
41. REMOVE EXISTING/REMAINING WINDOW MUNTIN. CLEAN WINDOWS AND ADHESIVE RESIDUE.
42. REMOVE EXISTING WALLCOVERING AND ADHESIVE. PREPARE SURFACE FOR NEW FINISH.
43. REMOVE EXISTING LOCKERS, BASE, AND RELATED ITEMS. SALVAGE PORTION FOR REINSTALLATION.
44. EXISTING DISPLAY CASE TO REMAIN.
45. REMOVE EXISTING LIGHT FIXTURE ASSEMBLY.
46. SAW CUT AND REMOVE EXISTING VAULT DOOR ASSEMBLY.
47. EXISTING UNDERGROUND CRAWL SPACE FOR PNEUMATIC TUBES AND ACCESS CABINET TO REMAIN. APPROXIMATE LOCATION.
48. REMOVE EXISTING TOILET PARTITIONS. SALVAGE (6) LOCKERS FOR REINSTALLATION.
49. REMOVE EXISTING FLOORING THROUGHOUT ENTIRE FLOOR. SALVAGE PORTION OF EXISTING CARPET TILE. REINSTALL IN 130.
50. REMOVE EXISTING TILE AND BASE. PREP FOR NEW FINISH.
51. REMOVE EXISTING ROD AND SHELF. PATCH MOUNTING HOLES.

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PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE	DRAWN BY
02/23/2024	EMV
PROJECT #	CHECKED BY
09201051	RAH

SHEET TITLE

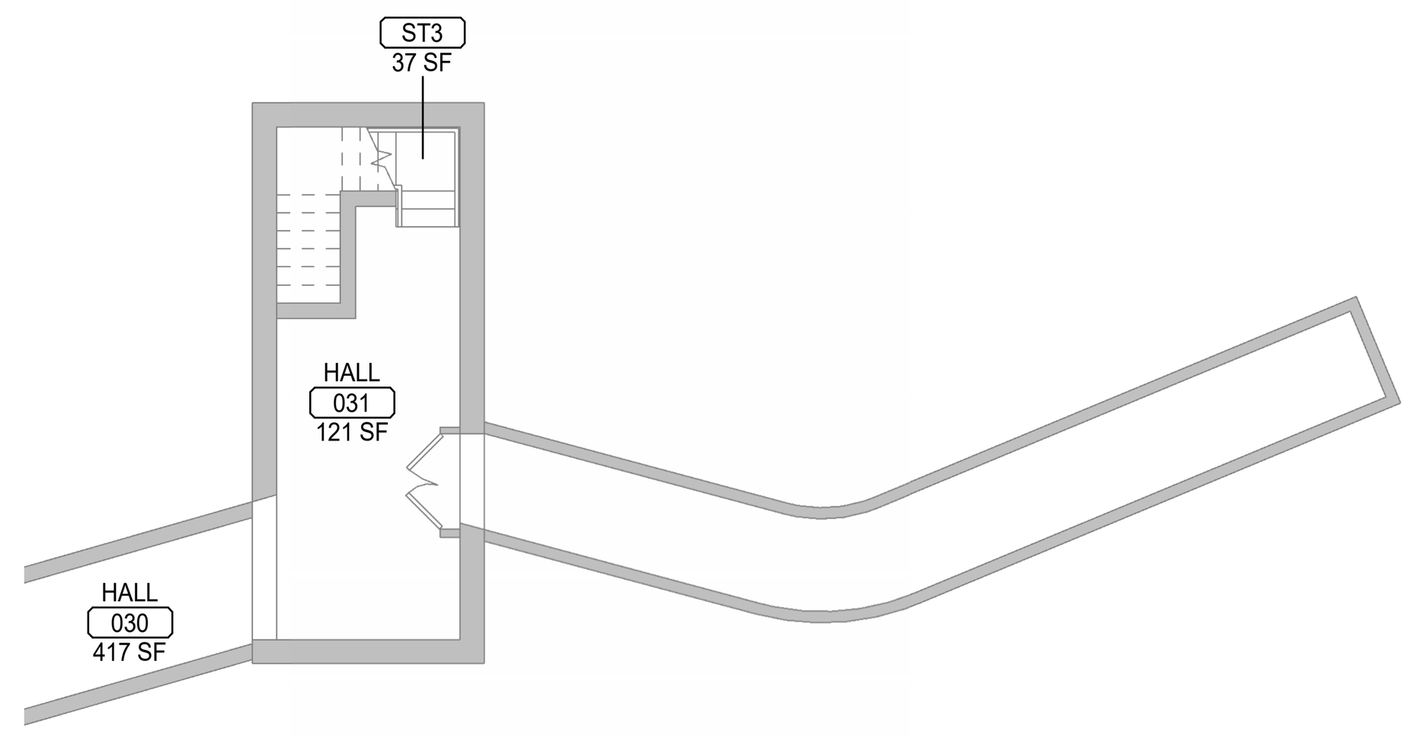
DEMOLITION FLOOR PLAN

SHEET NUMBER

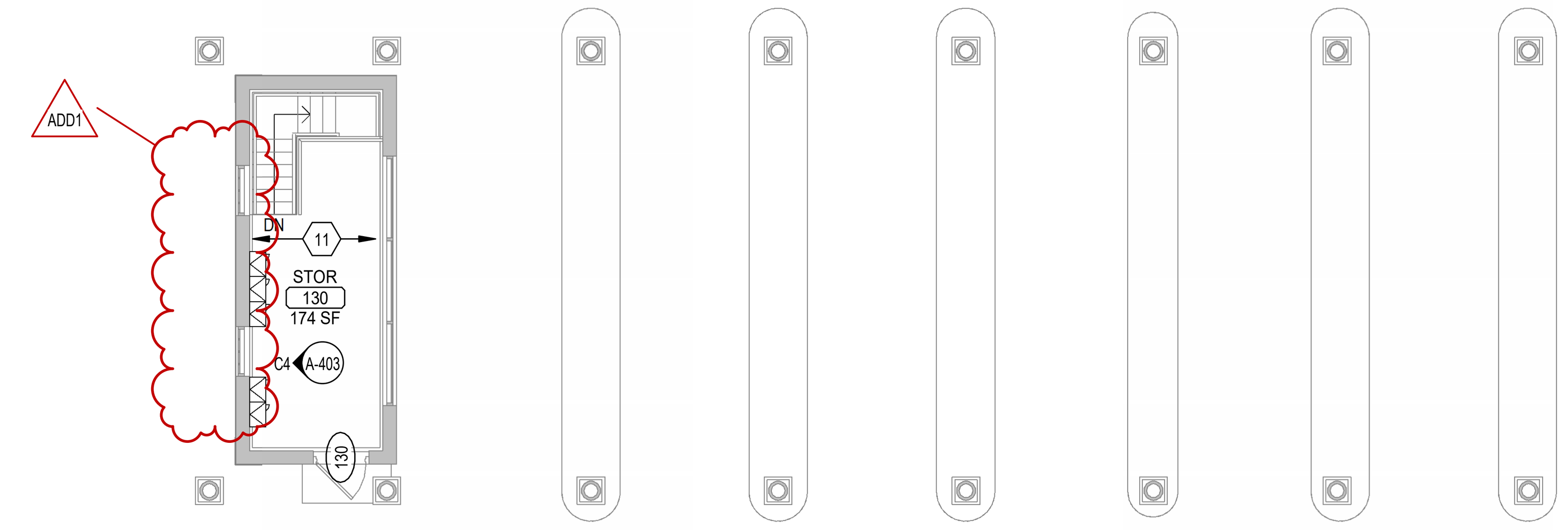
AD101

CONSTRUCTION DOCUMENTS

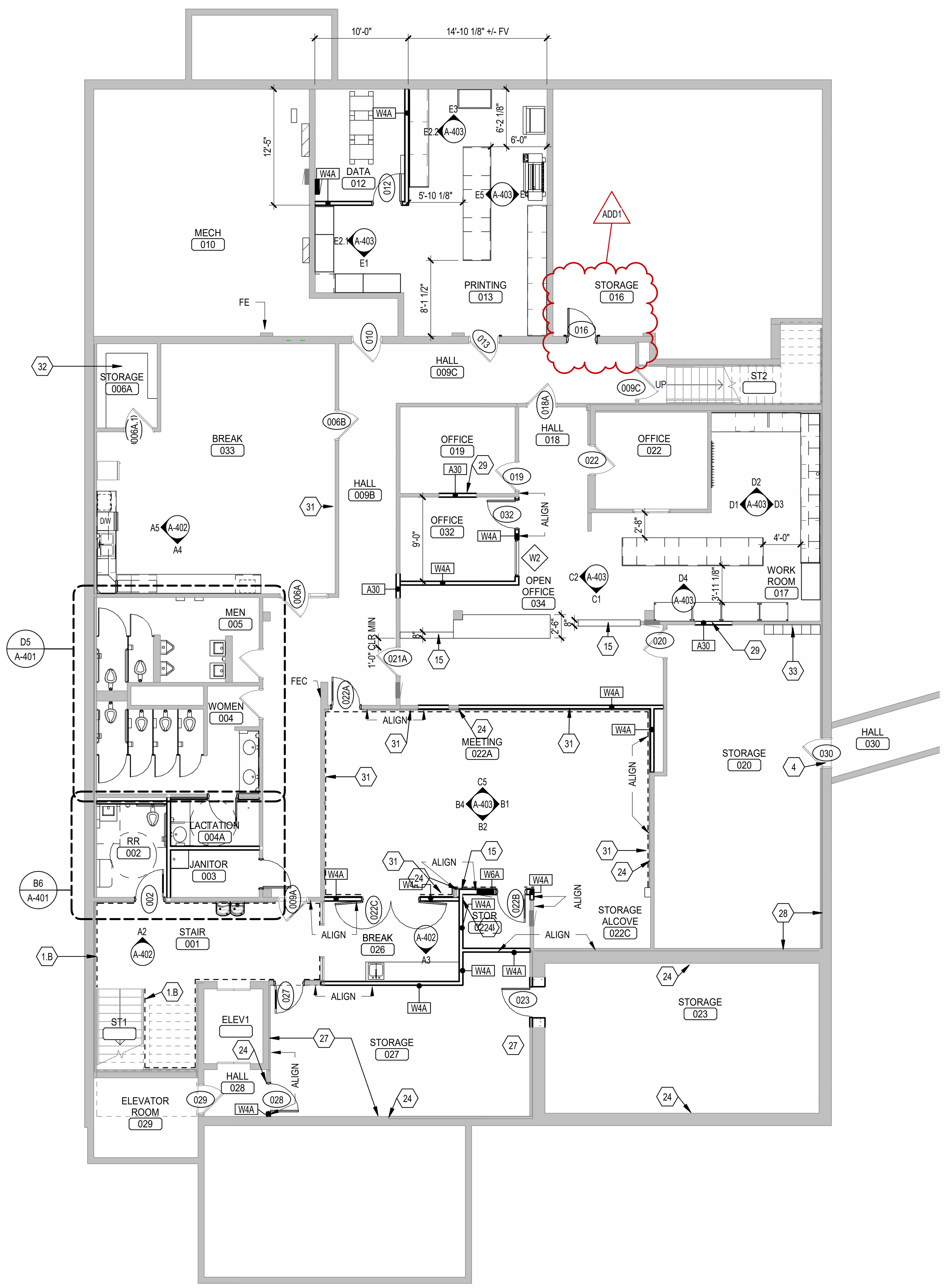
LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 30 x 42 FORMAT



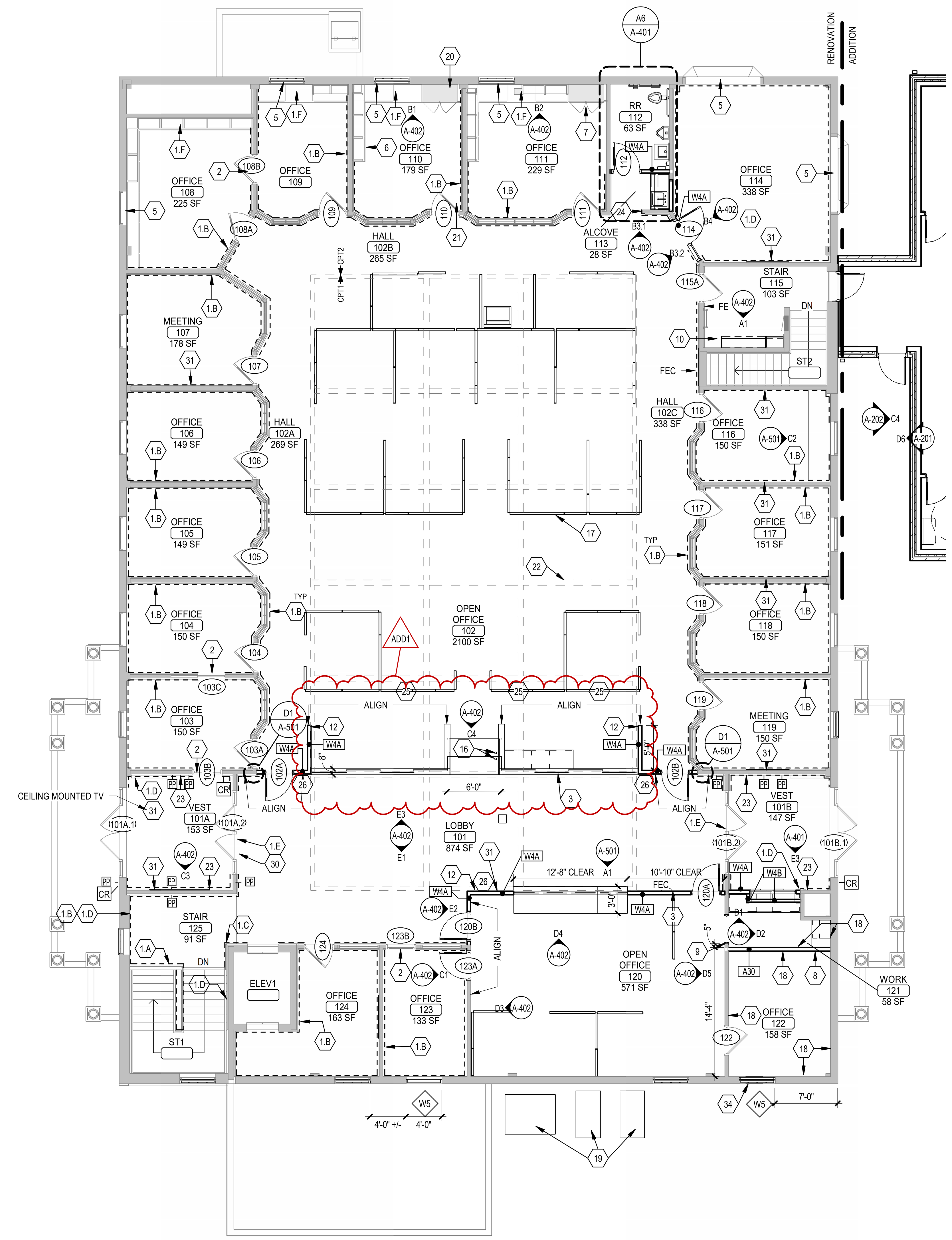
E1 **LOWER LEVEL FLOOR PLAN - TELLER**
SCALE: 1/8" = 1'-0"



E3 **FIRST LEVEL FLOOR PLAN - TELLER**
SCALE: 1/8" = 1'-0"



A1 **LOWER LEVEL FLOOR PLAN**
SCALE: 1/8" = 1'-0"



A3 **FIRST LEVEL FLOOR PLAN**
SCALE: 1/8" = 1'-0"

SHEET GENERAL NOTES:

A. PROVIDE BLOCKING AT PARTITIONS AS REQUIRED FOR MOUNTING OF FURNISHED AND NON-FURNISHED WALL MOUNTED ITEMS.

B. ALIGN FINISHED FACE OF CONTINUOUS PARTITIONS THAT CHANGE PARTITION TYPES ALONG A STRAIGHT RUN.

C. EDGE OF INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

D. REFER TO SHEET A-601 FOR DOOR TYPES, WINDOW TYPES, AND NOTES.

E. REFER TO SHEET A-602 FOR ROOF FINISH SCHEDULE, KEYS AND GENERAL NOTES.

F. ALL WALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD, CMU, BRICK, OR CONCRETE; UNLESS NOTED OTHERWISE

G. PATCH HOLES IN EXPOSED GYPSUM BOARD SURFACES TO REMAIN.

H. MILLWORK CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND DOOR HARDWARE FOR REMOVAL, MODIFICATION, AND REINSTALLATION OF EXISTING WOOD TRIM TO CONCEAL WIRING FOR NEW ELECTRIFIED DEVICES.

I. ALL INTERIOR WALL TYPES ARE TYPE W4A UNO.

ADD1

KEY NOTES:

1. REFINISH EXISTING MILLWORK WITH WORN OR DAMAGED FINISHES. MATCH ADJACENT FINISHED SURFACES. REFRESH REMAINING FINISHES, CLEAN AND POLISH. REFERENCE ALLOWANCE NO. 3 FOR ADDITIONAL INFORMATION.
   A. HANDRAIL
   B. BASEBOARD
   C. CORNER TRIM
   D. PANELS AND ADJACENT TRIM
   E. DOORS AND ADJACENT TRIM
   F. BUILT-IN CABINETRY
2. MODIFY EXISTING DOOR. REFER TO DOOR SCHEDULE FOR ADDITIONAL NOTES. DOOR PANEL IS TO BE SECURED IN CLOSED POSITION.
3. NEW FEC FOR EXISTING FE.
4. CONSTRUCT BOX OF MATERIAL MATCHING MILLWORK IN ROOM. WRAP CROWN AROUND THE BOX. REMOVE THE EXISTING CONSTRUCTION. BOX IS TO CONCEAL TRANSITION OF UTILITY FROM CEILING CAVITY INTO ADJACENT TUNNEL APPROXIMATELY 6" OUT FROM WALL.TBD.
5. REFINISH EXISTING WOOD WINDOW SILL. STAIN AND FINISH TO MATCH EXISTING.
6. FABRICATE AND INSTALL CASEWORK DOOR TO MATCH EXISTING.
7. REPAIR CASEWORK DOOR TO ENSURE PROPER CLOSURE AND OPERATIONS.
8. INFILL FORMER OPENING TO MATCH ADJACENT WALL AND WOOD TRIM/PANELING.
9. TYPICAL CASED OPENING, REFERENCE A-601 FRAME TYPES.
10. SALVAGED COAT ROD AND SHELF. FINISH EXPOSED ENDS TO MATCH THE REST OF THE UNIT. INSTALL IN NEW LOCATION.
11. PATCH UNUSED HOLES IN GYPSUM BOARD WALLS.
12. ALIGN NEW WALL TO BACK SIDE OF CEILING TRIM. REFERENCE B5/A-501 FOR LOCATION AND ALIGNMENT OF NEW WALL WITH EXISTING CONSTRUCTION.
13. ALIGN DOOR FRAME WITH EXISTING BAY WINDOW PROJECTION.
14. ALIGN NEW WALL TO EDGE OF WINDOW TRIM.
15. REFERENCE STRUCTURAL FOR SUPPORT REQUIRED ON NEW PARTIAL HEIGHT WALL PER DETAIL A6/S-001.
16. 3" GROMMET.
17. PROPOSED MODULAR FURNITURE WORKSTATION ARRANMENT PROVIDED FOR REFERENCE ONLY.
18. LAMINATE 3/8" GYPSUM BOARD OVER FACE OF EXISTING WALL. FULL HEIGHT.
19. EXTERIOR EQUIPMENT PADS. COORDINATE SIZE, LOCATION, & QUANTITY WITH MECHANICAL.
20. COORDINATE WITH MECHANICAL ON LOCATION OF NEW FDC. CONSTRUCT PLYWOOD BOX WITH FINISH VENEER MATCHING CASEWORK. BOX TO BE APPROX WIDTH OF DOOR, DEPTH TO BE LESS THAN DEPTH OF CABINET WITH DOOR CLOSED. HEIGHT TO BE COORDINATED WITH EXTERIOR INSTALLATION HEIGHT.
21. EXISTING ELECTRICAL CONDUIT TO REMAIN. PRIME AND PAINT WALL FIELD COLOR.
22. COFFER ARRANGEMENT IN HIGH CEILING ABOVE FOR REFERENCE ONLY.
23. REMOVE EXISTING PANEL INFILL AND REPLACE WITH NEW TILE INFILL AS USED IN LOBBY.
24. PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES.
25. PROVIDE SIGN TYPE 1, TO BE INSTALLED ON FURNITURE GLASS PANELS, FURNITURE N.I.C. REFERENCE A-602.
26. PROVIDE SIGN TYPE 2, REFERENCE A-602.
27. REPAIR EXISTING FURRED WALL SUBSTRATE FROM REMOVAL OF THE WOOD WAINSCOT. PREP FOR NEW FINISH TYPICAL.
28. REPAIR EXISTING WALL FROM REMOVAL OF DUMBWAITER SHAFT. FLUSH WITH EXISTING ADJACENT SURFACES. PREP FOR NEW FINISH.
29. INFILL OPENING WITH CONSTRUCTION TO MATCH EXISTING FLUSH W/ADJACENT SURFACES.
30. REPLACE DAMAGED WOOD DOOR STOP TRIM.
31. EXTENT OF WOOD WAINSCOT. SEE ELEVATIONS AND DETAIL D2/A-501.
32. EXISTING SHELVING TO REMAIN.
33. INSTALL SALVAGED LOCKERS.
34. NEW OPENING IN EXISTING STUD WALL CONSTRUCTION. REFERENCE STRUCTURAL FOR SPECFIC INFORMATION.

0' 4' 8' 16'
TRUE NORTH PLAN NORTH

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REGISTERED PROFESSIONAL ARCHITECT REG. NO. 7131 REX A. HAMBROCK SOUTH DAKOTA
DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

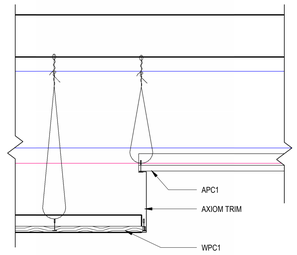
ISSUE DATE	DRAWN BY
02/23/2024	EMV
PROJECT #	CHECKED BY
09201051	RAH

SHEET TITLE
FLOOR PLANS

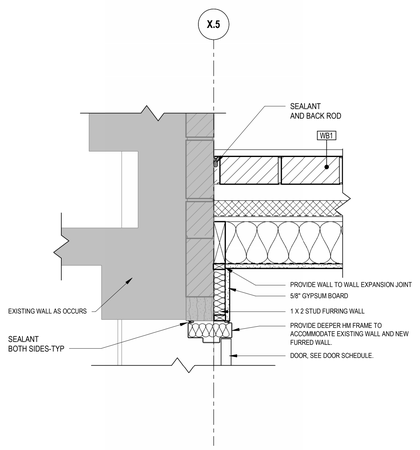
SHEET NUMBER
AP101

CONSTRUCTION DOCUMENTS

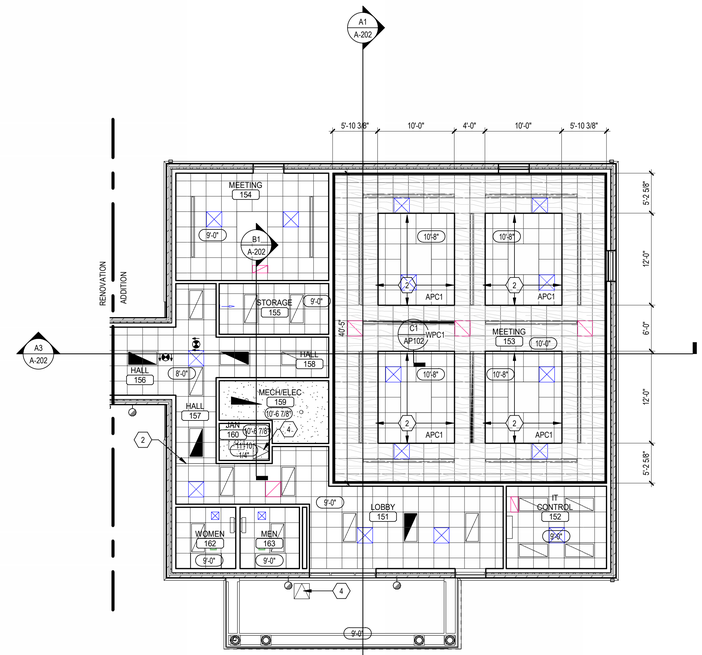
L:_TSP Revit Local\09201051-Watertown City Hall Reno-A23_veldeem.rvt
3/5/2024 2:36:05 PM



C1 **RAISED CEILING DETAIL**
SCALE: 1 1/2" = 1'-0"



A1 **DETAIL AT EXISTING/ADDITION CONNECTION**
SCALE: 1 1/2" = 1'-0"



C4 **FIRST LEVEL CEILING PLAN ADDITION**
SCALE: 1/8" = 1'-0"

A4 **FIRST LEVEL FLOOR PLAN ADDITION**
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' TRUE NORTH PLAN NORTH

SHEET GENERAL NOTES:

A. PROVIDE BLOCKING AT PARTITIONS AS REQUIRED FOR MOUNTING OF FURNISHED AND NON-FURNISHED WALL MOUNTED ITEMS.

B. ALIGN FINISHED FACE OF CONTINUOUS PARTITIONS THAT CHANGE PARTITION TYPES ALONG A STRAIGHT RUN.

C. EDGE OF INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

D. REFER TO SHEET A-601 FOR DOOR TYPES, WINDOW TYPES, AND NOTES.

E. REFER TO SHEET A-602 FOR ROOF FINISH SCHEDULE, KEYS AND GENERAL NOTES.

F. ALL WALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD, CMU, BRICK, OR CONCRETE; UNLESS NOTED OTHERWISE

G. ALL EXTERIOR WALL TYPES ARE WB1 UNO .

H. ALL INTERIOR WALL TYPES ARE W4A UNO .

CEILING PLAN LEGEND

- RECESSED OR SEMI-RECESSED LIGHT FIXTURE
- SURFACE SUSPENDED LIGHT FIXTURE
- SURFACE MOUNT LIGHT FIXTURE
- PENDANT MOUNT LIGHT FIXTURE
- CEILING EXIT SIGN, SINGLE OR DOUBLE FACE. REF ELECTRICAL
- SPEAKER RECESSED IN CEILING
- SUPPLY REGISTER OR DIFFUSER
- EXHAUST OR RETURN REGISTER
- ACCESS PANEL
- SMOKE DETECTOR
- RADIANT HEATING PANEL
- CEILING TRACK
- GYPSUM BOARD CEILING
- LAY-IN CEILING SYSTEM - APC1 (SEE ROOM FINISH SCHEDULE)
- LAY-IN CEILING SYSTEM - WPC1 (SEE ROOM FINISH SCHEDULE)
- 10'-11" CEILING HEIGHT ELEVATION TAG
- 8'-0" SPOT ELEVATION TAG
- EXP EXPOSED STRUCTURE

KEY NOTES:

1. PROPOSED MONITOR LOCATION. COORDINATE WITH ELECTRICAL AND OWNER A/V FOR ADDITIONAL REQUIREMENTS. PROVIDE BLOCKING IN WALL AT EXISTING WALLS, REFER TO CUT AND PATCH REQUIREMENTS IN SPECIFICATIONS TO MATCH THE ADJACENT SURFACES.
2. AXIOM TRIM.
3. WALL MOUNTED ACCESS LADDER.
4. 24" x 24" ACCESS PANEL.
5. DASHED LINE INDICATES EXTENT OF WOOD WAINSCOT. SEE ELEVATION AND DETAIL D2/A-501.
6. EXTEND WOOD WAINSCOT TO DOOR FRAME.
7. MITER WOOD TRIM BACK TO WALL.
8. SEMI-RECESSED CABINET AND FIRE EXTINGUISHER.
9. CABINET UNIT VENTILATOR RECESSED IN WALL. REF MECHANICAL.

FLOOR PLAN LEGEND

- NAME 101 150 SF — ROOM TAG
- 101B — DOOR TAG
- W1 — WINDOW TAG
- A1-A — WALL TAG
- XXX — EQUIPMENT TAG
- 1 — KEYNOTE TAG
- REV — REVISION TAG
- CJ — MASONRY CONTROL JOINT
- CJ — GYPSUM BOARD CONTROL JOINT
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- CR — CARD READER
- ELECTRICAL PANEL. REF ELECTRICAL PLANS
- DA — DOOR ACTUATOR

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ISSUE DATE	DRAWN BY
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09201051	RAH

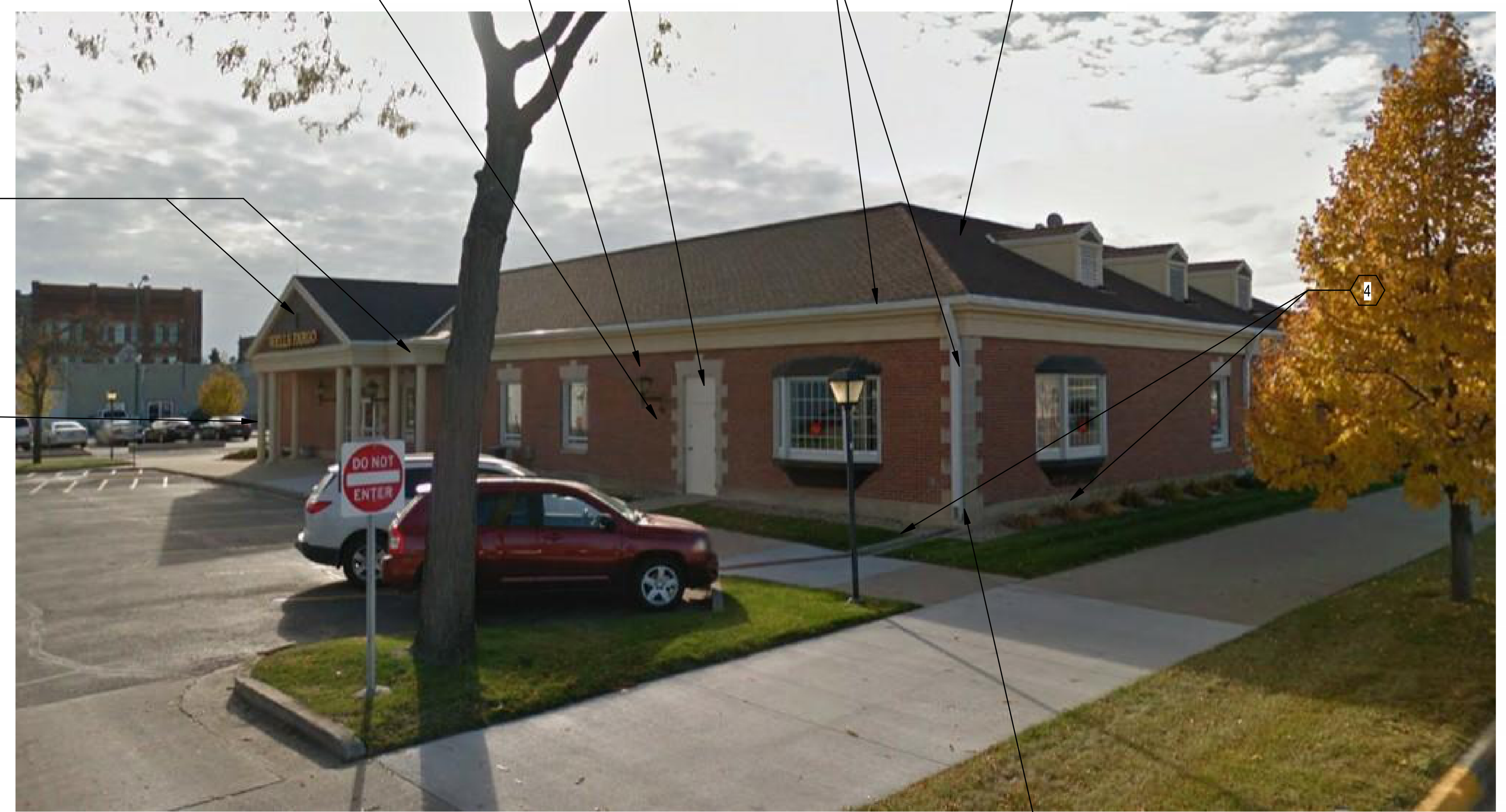
SHEET TITLE

ADDITION FLOOR PLAN

SHEET NUMBER

AP102

CONSTRUCTION DOCUMENTS



E1 ELEVATION - EXTERIOR PERSPECTIVE, NORTHEAST
SCALE: NOT TO SCALE

E5 PERSPECTIVE - EXTERIOR, NORTHWEST
SCALE: NOT TO SCALE

KEY NOTES:

1. REMOVE EXG. SIGN. CAP AND SHUT OFF POWER.
2. EXISTING ROOF RESHINGLE AS DIRECTED HERE IN.
3. PREP EXISTING SURFACE AND PAINT COLUMNS AND DOORS. COLOR TO MATCH EXISTING STONE.
4. PREP SP SURFACES AND RECOAT EIFS. GABLE, FASCIA, DORMER. ANTICIPATE TWO COLORS. FASCIA/DORMER TO MATCH EXISTING STONE. GABLE TBD.
5. EXISTING GUTTER AND DOWNSPOUT TO REMAIN.
6. PROPOSED SIGNAGE LOCATION. REF KEYNOTE 18.
7. NEW WINDOW INSTALLATION. TOOTH IN MASONRY.
8. REMOVE EXISTING BANK LANE DEVICES. PATCH HOLES TO MATCH ADJACENT SURFACE.
9. EXISTING LIGHT FIXTURE TO BE REPLACED. REFER TO ELECTRICAL FOR ADDITIONAL INFORMATION.
10. FORMER NIGHT DEPOSITORY LOCATION.
11. FORMER LIGHT FIXTURE LOCATION.
12. REPLACE PORTION OF DAMAGED STONE WITH STONE SALVAGED FROM TELLER UNDER ALTERNATE 1. WORK INCLUDED UNDER ALTERNATE 1.
13. EXISTING FIRE DEPARTMENT KEY BOX. REMOVE AND RELOCATE AS DIRECTED BY FIRE DEPARTMENT, OR IF NOT DIRECTED, RELOCATE APPROXIMATELY 18" TO THE SOUTH TO BE OUT OF CONFLICT WITH THE NEW LIGHT FIXTURE. ALTERNATE 1 RELOCATE ADJACENT TO NEW DOOR.
14. APPROXIMATE LOCATION OF FIRE DEPARTMENT CONNECTION. COORDINATE WITH PLUMBING DOCUMENTS AND CONTRACTOR.
15. ALTERNATE 1. MODIFY END OF DOWNSPOUT AND REDIRECT TO THE LANDSCAPE TO THE NORTH.
16. APPROXIMATE LOCATION OF LOUVER. TOOTH MASONRY AROUND NEW OPENING.
17. REMOVE EXISTING LOUVER. INFILL VOIDS IN WALL ASSEMBLY BEYOND NEW LOUVER/DUCT SIZE. PROVIDE NEW OR SALVAGED STONE BASE.
18. EXTERIOR SIGNAGE. COLORS AND BRANDING TO BE COORDINATED WITH CITY. EXAMPLES OF LOGO, TEXT AND COLORS ARE SHOWN BELOW. FOR PURPOSES OF BIDDING, "CITY OFF" - SWEET SANS BOLD. "WATERTOWN" - ROUGH CUT CLEAN. VERIFY SIZE AND FONT. ILLUMINATED LETTERS AND GRAPHIC. COORDINATE BLOCKING AND ATTCHMENT AT NEW OR EXISTING WALLS WITH SIGN FABRICATOR. PROVIDE LOGO1 (3 THUS) AND LOGO2 (1 THUS).
19. VINYL LETTERS. "PUBLIC ENTRANCE"
20. VINYL LETTERS. "STAFF ENTRANCE"
21. RELOCATE EXISTING EMERGENCY KEY BOX AS DIRECTED BY LOCAL FIRE MARSHAL OR IN SIMILAR LOCATION OUT OF WAY OF NEW LIGHT FIXTURE.
22. REMOVE EXISTING LOUVER INFILL OPENING TO MATCH ADJACENT SURFACE.

ADD1

D6 ELEVATION - EXTERIOR LOUVER
SCALE: 1 1/2" = 1'-0"

C1 PERSPECTIVE - EXTERIOR, SOUTHEAST
SCALE: NOT TO SCALE

C5 PERSPECTIVE - EXTERIOR, SOUTHWEST
SCALE: NOT TO SCALE

C6 TYPICAL SIGNAGE ELEVATION
SCALE: 1 1/2" = 1'-0"

LOGO1: CITY OF WATERTOWN SOUTH DAKOTA

LOGO2: CITY OF WATERTOWN SOUTH DAKOTA

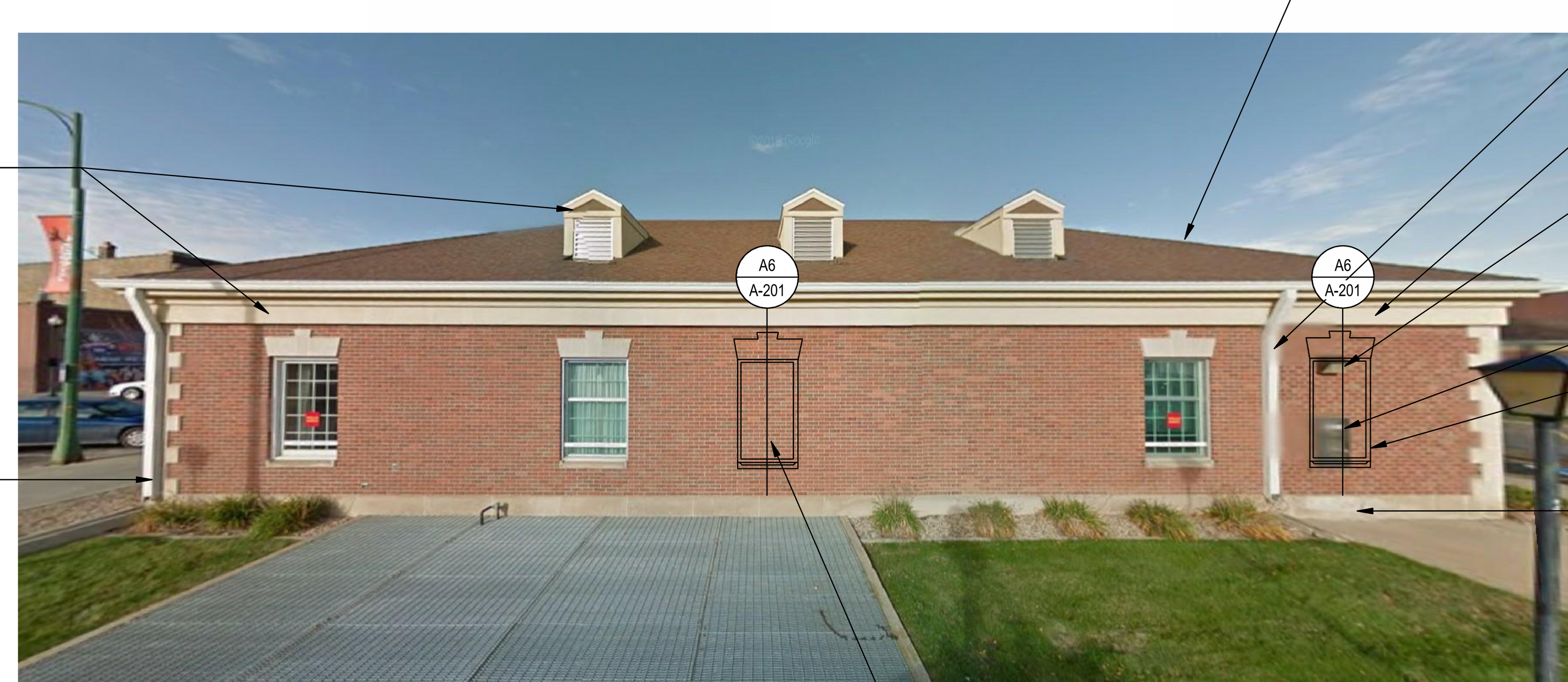
COLOR CODES:

Pantone
- Goss Green (Darker Green) PMS 5477C
- Spring Rye(Light Green) PMS 5635C
- Golden Sunset (Yellow) PMS718C

RGB
- Goss Green (Darker Green) 60,87,87
- Spring Rye(Light Green) 142, 164, 148
- Golden Sunset (Yellow) 216, 150, 96

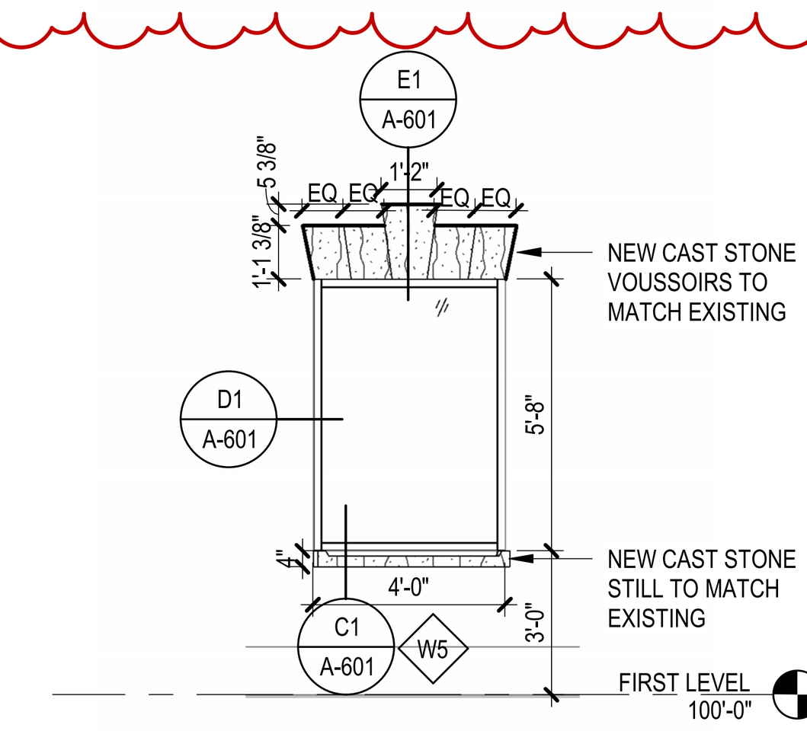
Hex
- Goss Green (Darker Green) #3C5757
- Spring Rye(Light Green) #8EA494
- Golden Sunset (Yellow) #D89660

B6 LOGO INFORMATION
SCALE: NOT TO SCALE



A1 PERSPECTIVE - EXTERIOR, SOUTH
SCALE: NOT TO SCALE

A4 PERSPECTIVE - EXTERIOR TELLER, SOUTHWEST
SCALE: 3" = 1'-0"



A6 ELEVATION, ENLARGED - WINDOW 5
SCALE: 1/4" = 1'-0"

TSP, Inc.
14 W. Kemp Ave.
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Architecture
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CONSULTANTS

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

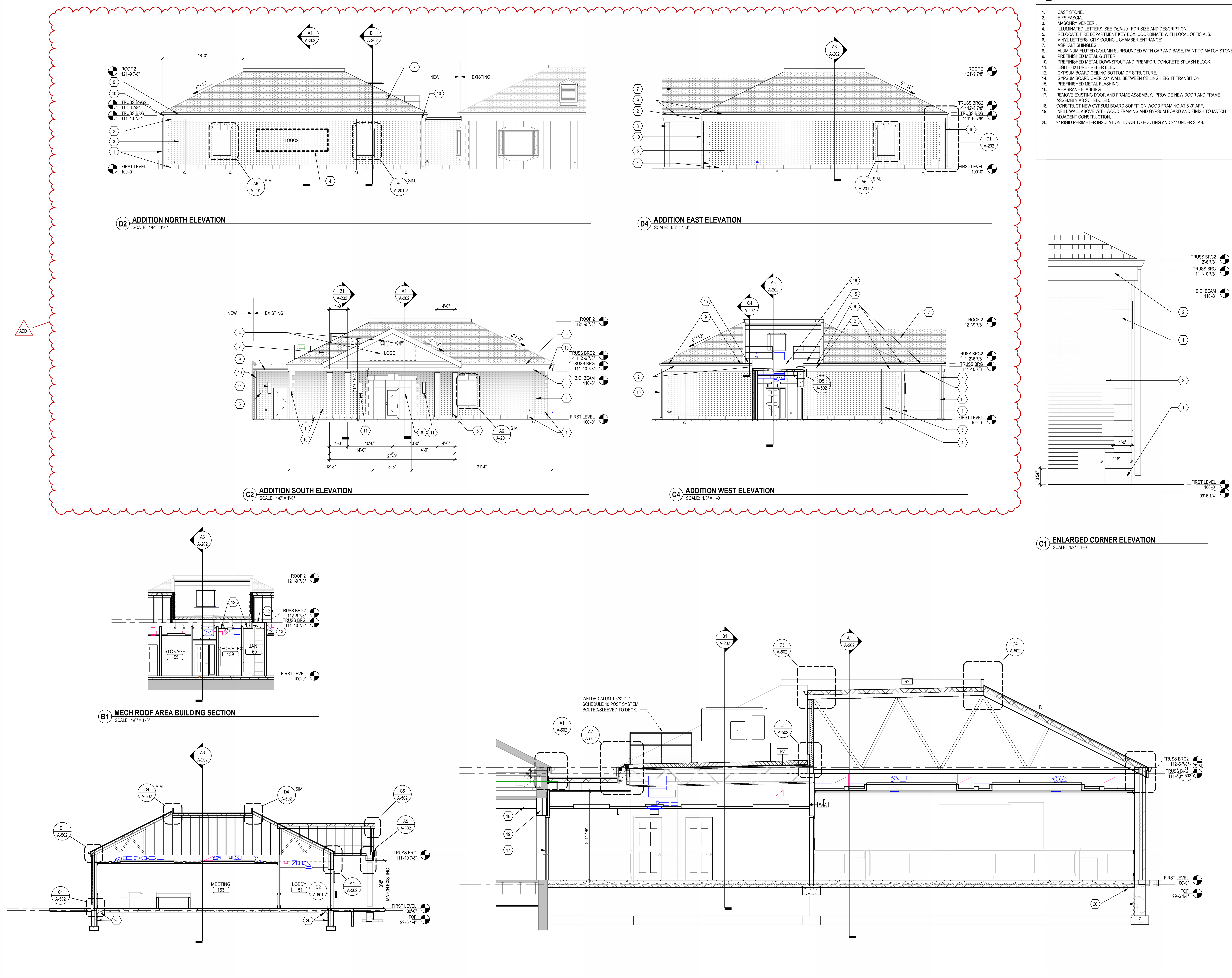
ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE: **02/23/2024**
DRAWN BY: **BMO**
PROJECT #: **09201051**
CHECKED BY: **RAH**

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A-201

CONSTRUCTION DOCUMENTS



D2 ADDITION NORTH ELEVATION
SCALE: 1/8" = 1'-0"

D4 ADDITION EAST ELEVATION
SCALE: 1/8" = 1'-0"

C2 ADDITION SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

C4 ADDITION WEST ELEVATION
SCALE: 1/8" = 1'-0"

C1 ENLARGED CORNER ELEVATION
SCALE: 1/2" = 1'-0"

B1 MECH ROOF AREA BUILDING SECTION
SCALE: 1/8" = 1'-0"

A1 NORTH - SOUTH BUILDING SECTION
SCALE: 1/8" = 1'-0"

A3 EAST - WEST BUILDING SECTION
SCALE: 1/4" = 1'-0"

KEY NOTES:

1. CAST STONE.
2. EIFS FASCIA.
3. MASONRY VENEER .
4. ILLUMINATED LETTERS. SEE C6/A-201 FOR SIZE AND DESCRIPTION.
5. RELOCATE FIRE DEPARTMENT KEY BOX. COORDINATE WITH LOCAL OFFICIALS.
6. VINYL LETTERS "CITY COUNCIL CHAMBER ENTRANCE".
7. ASPHALT SHINGLES.
8. ALUMINUM FLUTED COLUMN SURROUNDED WITH CAP AND BASE. PAINT TO MATCH STONE.
9. PREFINISHED METAL GUTTER.
10. PREFINISHED METAL DOWNSPOUT AND PREMFGR. CONCRETE SPLASH BLOCK.
11. LIGHT FIXTURE - REFER ELEC.
12. GYPSUM BOARD CEILING BOTTOM OF STRUCTURE.
14. GYPSUM BOARD OVER 2X4 WALL BETWEEN CEILING HEIGHT TRANSITION
15. PREFINISHED METAL FLASHING
16. MEMBRANE FLASHING
17. REMOVE EXISTING DOOR AND FRAME ASSEMBLY. PROVIDE NEW DOOR AND FRAME ASSEMBLY AS SCHEDULED.
18. CONSTRUCT NEW GYPSUM BOARD SOFFIT ON WOOD FRAMING AT 8'-0" AFF.
19 INFILL WALL ABOVE WITH WOOD FRAMING AND GYPSUM BOARD AND FINISH TO MATCH ADJACENT CONSTRUCTION.
20. 2" RIGID PERIMETER INSULATION, DOWN TO FOOTING AND 24" UNDER SLAB.

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DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL

WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE: **02/23/2024**
DRAWN BY: **BMO**
PROJECT #: **09201051**
CHECKED BY: **RAH**

SHEET TITLE

EXTERIOR ELEVATIONS AND SECTIONS - ADDITION

SHEET NUMBER

A-202

CONSTRUCTION DOCUMENTS

SIGNAGE

SIGN TYPE 3: REGULATORY PANEL SIGNAGE, BASIS OF DESIGN, INPRO, BOSTON.

REFERENCE SPECIFICATIONS FOR LOCATIONS, 101423.23

ADD1

WINDOW SIZES FOR BLIND (VERIFY IN FIELD)

ROOM NAME	ROOM NUMBER	WINDOW SIZES
OFFICE	032	ONE WINDOW AT 48" W X 3'9"H
OFFICE	103	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	104	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	105	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	106	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	107	ONE WINDOW AT 14"W X 5'8"H, ONE WINDOW AT 3'W X 5'8"H, AND ONE WINDOW AT 4'W X 5'8"H.
OFFICE	109	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	110	ONE WINDOW AT 5'8"W X 5'8"H AND TWO WINDOWS AT 14"W X 5'8"H.
OFFICE	111	ONE WINDOW AT 8'6"W X 5'8"H AND TWO WINDOWS AT 14"W X 5'8"H.
OFFICE	114	TWO EXTERIOR BAY WINDOWS WITH ONE SECTION AT 4'-8"W X 5'-6"H AND TWO SECTIONS AT 2'-2"W.
OFFICE	116	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	117	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	118	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H
OFFICE	119	TWO WINDOWS AT 14"W X 5'8"H AND ONE WINDOW AT 3'W X 5'8"H

ROOM FINISH SCHEDULE - BASE BID

ROOM #	ROOM NAME	FLOOR	BASE	CEILING	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CASEWORK CABINET	CASEWORK COUNTER	REMARKS
	ELEV1	CPT1	-	-	-	-	-	-	-	-	
	ST1	CPT1	-	P4	P1	P1	P1	P1	-	-	3
	ST2	LVT1	-	P4	P1	P1	P1	P1	-	-	4
001	STAIR	CPT3	WB1	P4/APC1	P1	P1	P1	P1	-	-	3
002	RR	PT1	-	APC1	PT2	PT3	PT3	PT3	-	-	
003	JANITOR	LVT1	VB1	APC1	P1/ FRP	P1	P1	P1/ FRP	PLAM1	SSM1	FULL HEIGHT FRP AT MOP SINK
004	WOMEN	PT1	-	APC1	PT3	PT2/PT3	PT3	PT3	-	-	5
004A	LACTATION	CPT2	VB1	APC1	P1	P1	P1	P3			
005	MEN	PT1	-	APC1	PT3	PT2/PT3	PT3	PT3	-	-	5
006A	STORAGE	SC1	VB1	P4	P1	P1	P1	P1	-	-	
008	HALL	CPT3	VB1	APC1	P1	P1	P1	P1	-	-	*FRP1 4'W X 4'H AT MOP SINK
009B	HALL	CPT3	VB1	APC1	P1	P1	P1	P1	-	-	
009C	HALL	CPT3	VB1	APC1	P1	P1	P1	P1	-	-	
010	MECH	SC1	VB1	-	P1	P1	P1	P1	-	-	
012	DATA	SC1	VB1	-	P1	P1	P1	P1	-	-	
013	PRINTING	CPT2	VB1	APC1	P2	P1	P1	P1	PLAM1	PLAM2	
016	STORAGE	LVT1	VB1	APC1	P5	P5	P1	P1	-	-	
017	WORK ROOM	LVT1	VB1	APC1	P1	P1	P1	P1	PLAM1	PLAM2	
018	HALL	CPT3	VB1	APC1	P1	P1	-	P1	-	-	
019	OFFICE	CPT2	VB1	APC1	P1	P1	P1	P1			
020	STORAGE	SC1	VB1	APC1	P1	P1	P1	P1	-	-	
022	OFFICE	CPT2	VB1	APC1	P1	P1	P1	P1			
022A	MEETING	CPT2	WB1	APC1	P1/P3	P1/P3	P1/P3	P1/P3	-	-	5
022B	STOR	CPT2	VB1	APC1	P1	P1	P1	P1	-	-	
022C	STORAGE ALCOVE	CPT2	WB1	APC1	P1	P1	P1	P1	-	-	
023	STORAGE	CPT3	VB1	P4	P1	P1	P1	P1	-	-	
026	BREAK	CPT3	WB1	APC1	P1	P1	P1	P1	PLAM1	SSM1	
027	STORAGE	CPT3	VB1	APC1	P1	P1	P1	P1	-	-	
028	HALL	CPT3	VB1	APC1	P1	P1	P1	P1	-	-	
029	ELEVATOR ROOM	-	-	-	-	-	-	-	-	-	
032	OFFICE	CPT2	VB1	APC1	P1	P1	P1	P1			
033	BREAK	LVT1	VB1	APC1	P1	P1	P1	P1			
034	OPEN OFFICE	LVT1	VB1	APC1	P1	P1	P1	P1		SSM1	
101	LOBBY	PT1	WB1	EXIST/ P4	P1/PT4	P1/PT4	P1/PT4	P1	-	QTZ1	SEE ELEVATIONS FOR DESK FRONTS, 5
101A	VEST	WCPT1	WB1	P4	P1	P1	P1	P1	-	-	
101B	VEST	WCPT1	WB1	P4	P1	P1	P1	P1	-	-	
102	OPEN OFFICE	CPT1	-	EXIST/ P4	-	P1	P1	P1	-	QTZ1	
102A	HALL	CPT2	EXISTING	P4	-	P1	P1	P1	-	-	
102B	HALL	CPT2	EXISITING	P4	P1	P1	-	P1	-	-	
102C	HALL	CPT2	EXISTING	P4	-	P1	P1	P1	-	-	
103	OFFICE	CPT2	WB1	P4	P1	P1	P1	P2	-	-	1
104	OFFICE	CPT2	WB1	P4	P1	P1	P1	P2	-	-	1
105	OFFICE	CPT2	WB1	P4	P1	P1	P1	P2	-	-	1
106	OFFICE	CPT2	WB1	P4	P1	P1	P1	P2	-	-	1
107	MEETING	CPT2	WB1	P4	P1	P1	P1	P2	-	-	2
108	OFFICE	CPT2	WB1	P4	P1	P1	P1	P1	-	-	1
109	OFFICE	CPT2	WB1	P4	P1	P1	P1	P1	-	-	1
110	OFFICE	CPT2	WB1	P4	P1	P1	P1	P1	-	-	1
111	OFFICE	CPT2	WB1	P4	P1	P1	P1	P1	-	-	1
112	RR	PT1	-	P4	PT3	PT2	PT3	PT3	-	-	
113	ALCOVE	PT1	WB1	P4	P1	P1	P1	P1	PLAM1	SSM1	
114	OFFICE	CPT2	WB1	P4	P1	P1	P1	P2	-	-	1
115	STAIR	LVT1	VB1	P4	P1	P1	P1	P1	-	-	4
116	OFFICE	CPT2	WB1	P4	P1	P2	P1	P1	PLAM1	PLAM4	1
117	OFFICE	CPT2	WB1	P4	P1	P2	P1	P1	-	-	1
118	OFFICE	CPT2	WB1	P4	P1	P2	P1	P1	-	-	1
119	MEETING	CPT2	WB1	P4	P1	P2	P1	P1	-	-	2
120	OPEN OFFICE	CPT2	WB1	APC1	P1	P1	P1	P1	PLAM1	QTZ1	1 (EXTERIOR WINDOWS ONLY)
121	WORK	CPT2	WB1	P4	P1	P1	P1	P1	PLAM1	PLAM2	
122	OFFICE	CPT2	WB1	P4	P1	P1	P2	P1	-	-	1
123	OFFICE	CPT2	WB1	P4	P1	P1	P2	P1	-	-	1
124	OFFICE	CPT2	WB1	P4	P1	P1	P2	P1	-	-	1
125	STAIR	PT1	WB1	P4	P1	P1	P1	P1	-	-	
130	STOR	SALVAGED	VB1	P1	P1	P1	P1	P1	-	-	INSTALL SALVAGED EXISTING CARPET

ADD1

ROOM FINISH SCHEDULE - ALT #1

ROOM #	ROOM NAME	FLOOR	BASE	CEILING	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CASEWORK CABINET	CASEWORK COUNTER	REMARKS
131	STOR	SC1	-	-	P1	P1	P1	P1	-	-	-

ROOM FINISH SCHEDULE - ADDITION

ROOM #	ROOM NAME	FLOOR	BASE	CEILING	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CASEWORK CABINET	CASEWORK COUNTER	REMARKS
151	LOBBY	WCPT1	WB1	APC1	PT4/P1	PT4/P1	PT4/P1	PT4/P1	-	-	5
152	IT CONTROL	CPT3	VB1	APC1	P1	P1	P1	P1	-	PLAM2	
153	MEETING	CPT1	WB1	WPC1/APC1	WD2/VWC1	WD2/VWC1	WD2/VWC1	WD2/VWC1	-	-	5, 6
154	MEETING	CPT1	WB1	APC1	WD2/VWC1	WD2/VWC1	WD2/VWC1	WD2/VWC1	-	-	5, 6
155	STORAGE	SC1	VB1	P4	P1	P1	P1	P1	-	-	
156	HALL	CPT3	WB1	APC1	P1	P1	P1	P1	-	-	
157	HALL	CPT3	WB1	APC1	P1	P1	P1	P1	-	-	
158	HALL	CPT3	WB1	APC1	P1	P1	P1	P1	-	-	
159	MECH/ELEC	SC1	VB1	P4	P1	P1	P1	P1	-	-	
160	JAN	SC1	VB1	P4	P1	P1/ FRP1*	P1/ FRP1*	P1			*INCLUDE FRP1 4'H X 4'W AT MOP SINK
161	HALL	CPT3	WB1	APC1	P1/P3	P1	P1	P1	PLAM1	SSM1	5
162	WOMEN	PT1	-	APC1	PT3	PT2	PT3	PT3	-	-	
163	MEN	PT1	-	APC1	PT3	PT3	PT3	PT2	-	-	

FINISH KEY

ADD1

CODE	DESCRIPTION	MANUFACTURER	PATTERN	COLOR	NUMBERS	COMMENTS
RS1	MANUAL ROLLER SHADES	HUNTER DOUGLAS	ROLLER SHADES FR - LIGHT BLOCKING	TBD		
FRP	FIBERGLASS REINFORCED PANELS			WHITE		FULL HEIGHT
B1	WINDOW BLINDS	HUNTER DOUGLAS	DUETTE FR HONEYCOMB SHADES - SEMI OPAQUE	TBD		
B2	WINDOW BLINDS	HUNTER DOUGLAS	DUETTE FR HONEYCOMB SHADES - OPAQUE	TBD		
S1	SIGNAGE	INPRO	SIGNSCAPE BOSTON	TBD		
PT1	PORCELAIN TILE 12X24	FLORIDA TILE	DIVINITY	HORIZON		INSTALL IN HORIZONTAL STAGGERED PATTERN
PTB1	PORCELAIN TILE BASE	FLORIDA TILE	DIVINITY	DAWN	4" CUT TILE PIECE WITH SCHLUTER JOLLY TRIM	
PT2	PORCELAIN TILE LINEAR MOSAIC	FLORIDA TILE	DIVINITY	DAWN		INSTALL HORIZONTALLY
PT3	PORCELAIN TILE WALLS 12X24	FLORIDA TILE	DIVINITY	DAWN		INSTALL IN HORIZONTAL STAGGERED PATTERN
PT4	PORCEALIN TILE DESK FRONTS	IRIS MAX FINE	ONICE	GRIGIO	LARGE FORMAT TILE, SIZED TO REDUCE WASTE, NO SEAMS PER INSET	
CPT1	CARPET TILE	MANNINGTON	HAZE	RAVINE	OPEN OFFICE & CHAMBER	
CPT2	CARPET TILE	MANNINGTON	COAST	VISTA	PRIVATE OFFICES	
CPT3	CARPET TILE	MANNINGTON	DRIFT	VISTA	CIRCULATION	
WCPT1	WALK OFF CARPET TILE	MANNINGTON	FRIXTION, FORCE	VECTOR	-	
LVT1	LUXURY VINYL TILE 12X18	MANNINGTON	SPACIA STONE	LINEAR STONE SHALE		
VSN1	VINYL STAIR NOSING FOR CARPET	JOHNSONITE	REFERENCE SPECIFICATIONS	TO MATCH VINYL BASE	-	-
VSN2	VINYL STAIR NOSING FOR LVT	JOHNSONITE	REFERENCE SPECIFICATIONS	TO MATCH VINYL BASE	-	-
VB1	VINYL BASE	JOHNSONITE	4" TRADITIONAL COVED VINYL BASE	PEBBLE		
WB1	WOOD BASE	REFERENCE SPECIFICATIONS	TO MATCH EXISTING IN PROFILE	TBD		
WD1	WOOD	REFERENCE SPECIFICATIONS	-	STAINED TO MATCH EXISTING		
WD2	WOOD	REFERENCE SPECIFICATIONS	-	STAINED TO MATCH PLAM1		
P1	PAINT - MAIN NEUTRAL	SHERWIN WILLIAMS	-	NEUTRAL GROUND		
P2	PAINT - ACCENT	SHERWIN WILLIAMS	-	STUDIO BLUE GREEN	ACCENT COLOR IN OFFICES	
P3	PAINT - ACCENT	SHERWIN WILLIAMS	-	TEMPE STAR		
P4	PAINT - CEILINGS	SHERWIN WILLIAMS	-	ALABASTER	-	
P5	PAINT - ACCENT	SHERWIN WILLIAMS	-	STUDIO TAUPE		
VWC1	VINYL WALL COVERING	MOMENTUM	WANDERLUST	TBD	-	PRELIMINARY SELECTION IS SPARROW, FINAL APPROVAL NEEDED
APC1	ACOUSTICAL CEILING PLANELS 24"X24"	ARMSTRONG	ULTIMA HIGH NRC, BEVELED TEGULAR	WHITE		
WPC1	WOOD PANEL CEILING	ARMSTRONG	WOOD WORKS TEGULAR PANELS	LIGHT CHERRY	CHAMBERS CEILING ACCENT	
PLAM1	PLASTIC LAMINATE	WILSONART	-	SHAKER CHERRY	CASEWORK	
PLAM2	PLASTIC LAMINATE	WILSONART	-	NATURAL COTTON	COUNTERTOPS	
PLAM3	PLASTIC LAMINATE	WILSONART	-	SHADOW	NOT USED	
PLAM4	PLASTIC LAMINATE	TBD	-	TBD	-	TO MATCH LAMINATE ON FURNITURE WORKSURFACE
QTZ1	QUARTZ COUNTERTOP	VIATERA	-	NATURAL LIMESTONE	COUNTERTOPS	
SSM1	SOLID SURFACE MATERIAL	CORIAN	-	ARTISTA CANVAS	COUNTERTOPS	

ROOM FINISH SCHEDULE GENERAL NOTES

1 PAINT ALL EXPOSED STRUCTURE. U.N.O.
2 ALL EXISTING WOOD PANELING AND WOOD BASE TO REMAIN. WHERE (WB1) WOOD BASE IS INDICATED, ONLY INSTALL NEW BASE ON NEW WALLS AS NEEDED OR WHERE THERE IS NO EXISTING WOOD BASE.
3 INCLUDE PROPER FLOORING TRANSITIONS WHERE NEEDED.
4. DO NOT PAINT ANY EXISTING WOOD TRIM OR PANELING.

ROOM FINISH SCHEDULE REMARKS

1. INCLUDE (B1) WINDOW BLINDS ON ALL INTERIOR AND EXTERIOR WINDOWS IN ROOMS INDICATED.
2. INCLUDE (B2) WINDOW BLINDS ON ALL INTERIOR AND EXTERIOR WINDOWS IN ROOMS INDICATED.
3. INCLUDE VINYL STAIR NOSING (VSN1) FOR CARPET ON STAIRS
4. INCLUDE VINYL STAIR NOSING (VSN2) FOR LVT ON STAIRS.
5. REFERENCE FLOOR PLAN AND ELEVATIONS WHERE MULTIPLE FINISHES OCCUR ON ONE WALL.
6. INCLUDE (RS1) MANUAL ROLLER SHADES ON ALL EXTERIOR WINDOWS IN ROOM.

STANDARD INTERIOR ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING 2X4
AWP	ACOUSTICAL WALL PANEL
BCMU	BURNISHED CONCRETE MASONRY UNIT
CG	CORNER GUARD
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
DCMU	DECORATIVE CONCRETE MASONRY UNITS
EP	EPOXY PAINT
EPF	EPOXY FLOORING
FRP	FIBERGLASS REINFORCED PANEL
GLT	GLASS TILE
GT	GROUT
GWB	GYPSUM WALL BOARD
LVT	LUXURY VINYL TILE
MB	METAL BASE
MPC	METAL PANEL CEILING
P	PAINT
PCONC	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PT	PORCELAIN TILE
PTB	PORCELAIN TILE BASE
QT	QUARRY TILE
QTB	QUARRY TILE BASE
RAF	RESILIENT ATHLETIC FLOORING
RBR	RUBBER FLOORING
RBRT	RUBBER TILE FLOORING
RBRS	RUBBER SHEET FLOORING
RSTA	RUBBER STAIR TREAD / NOSING
RP	RESINOUS PANEL
SCONC	SEALED CONCRETE
SCMU	SPLITFACED CONCRETE MASONRY UNIT
SSM	SOLID SURFACE MATERIAL
ST	STAIN
STCONC	STAINED CONCRETE
SVF	SHEET VINYL FLOORING
TER	TERRAZZO
RB	RESILIENT BASE
VCT	VINYL COMPOSITION TILE
VWC	VINYL WALL COVERING
WB	WOOD BASE
WCPT	WALK-OFF CARPET TILE
WP	WALL PROTECTION
WPC	WOOD PANEL CEILING
WG	WALL GUARD

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REGISTERED PROFESSIONAL ARCHITECT REG. NO. 7131 REX A. HAMBROCK SOUTH DAKOTA

DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL

WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE	DRAWN BY
02/23/2024	EMV
PROJECT #	CHECKED BY
09201051	RAH

SHEET TITLE

ROOM FINISH SCHEDULE & SIGNAGE

SHEET NUMBER

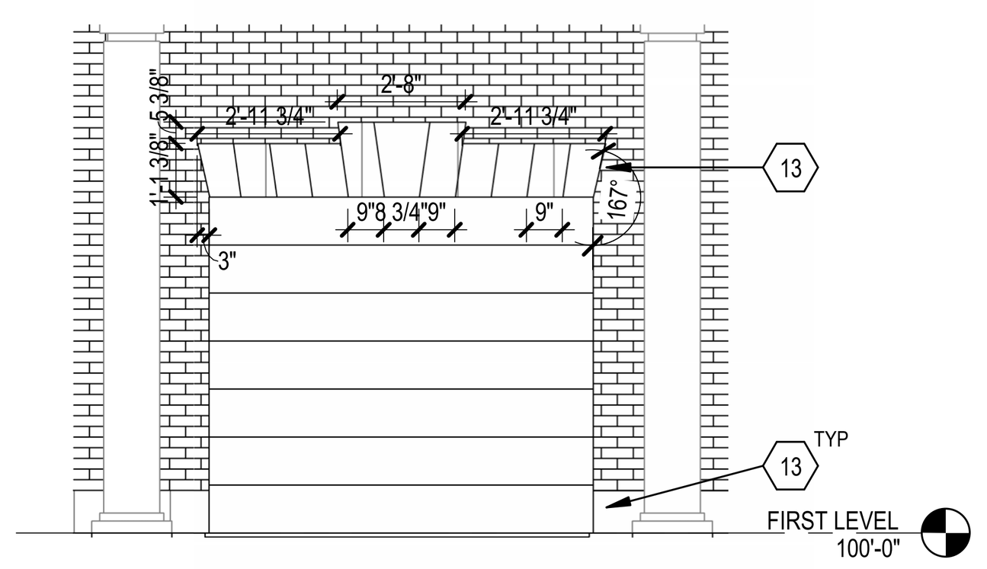
A-602

CONSTRUCTION DOCUMENTS

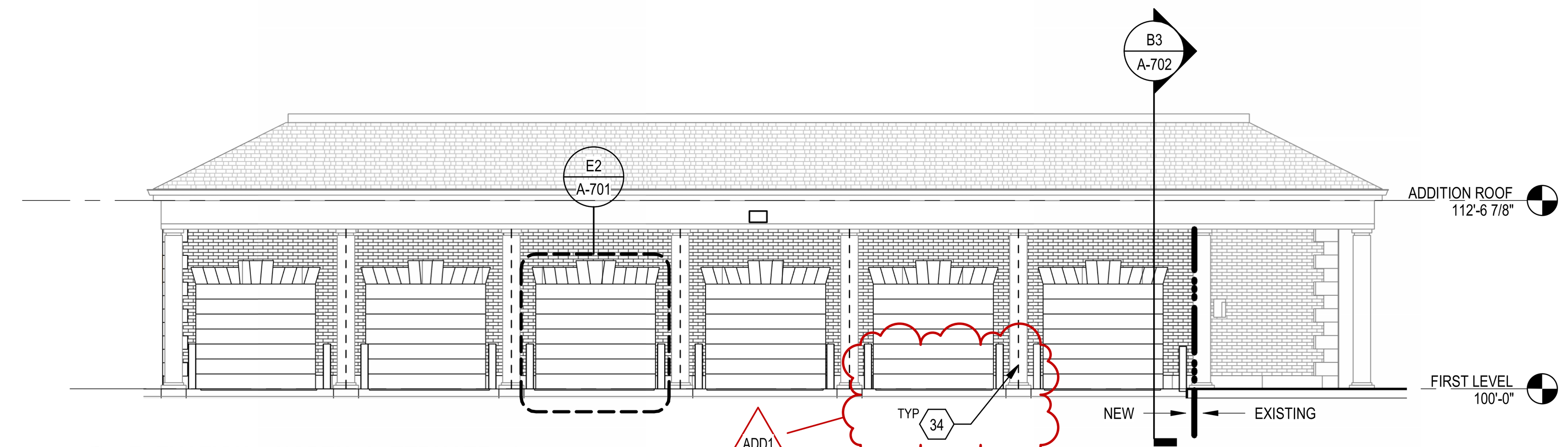
DOOR SCHEDULE - ALT #1

REFERENCE SHEET A-601 FOR ADDITIONAL INFORMATION

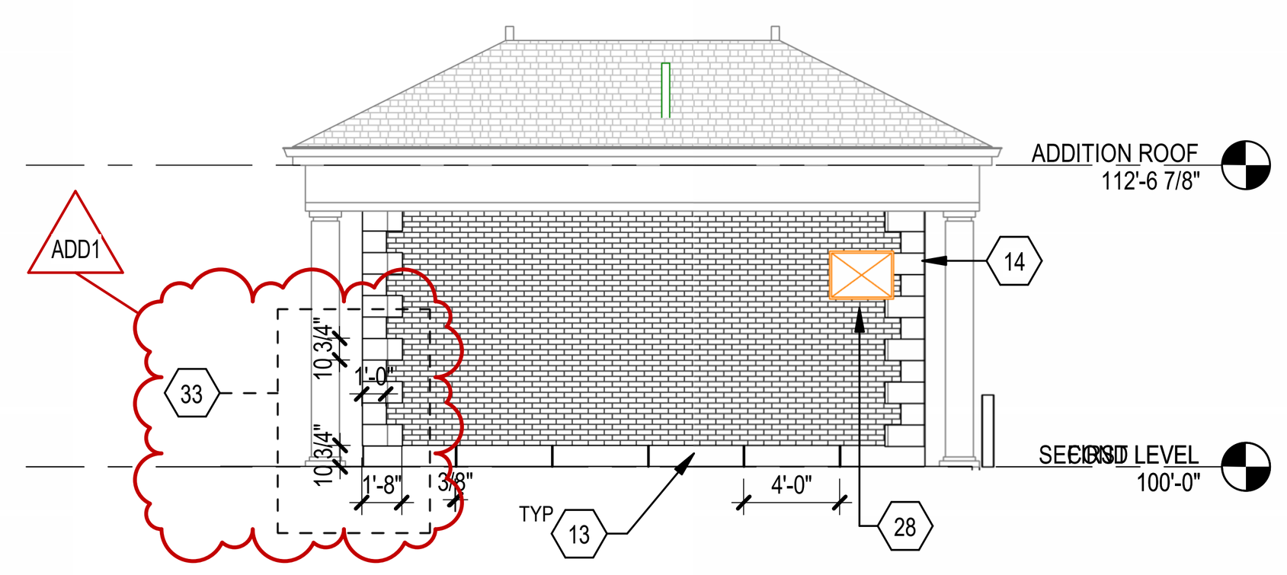
MARK	DOOR					FRAME			RATING	HDWR	REMARKS
	SIZE										
	WIDTH	HEIGHT	TYPE	MATERIAL	GLAZING	TYPE	MATERIAL	GLAZING			
130A	3'-0"	7'-0"	F	IHM	-	F2	HM	-		10.1	.
131A	3'-0"	7'-0"	F	IHM	-	F2	HM	-		10.1	



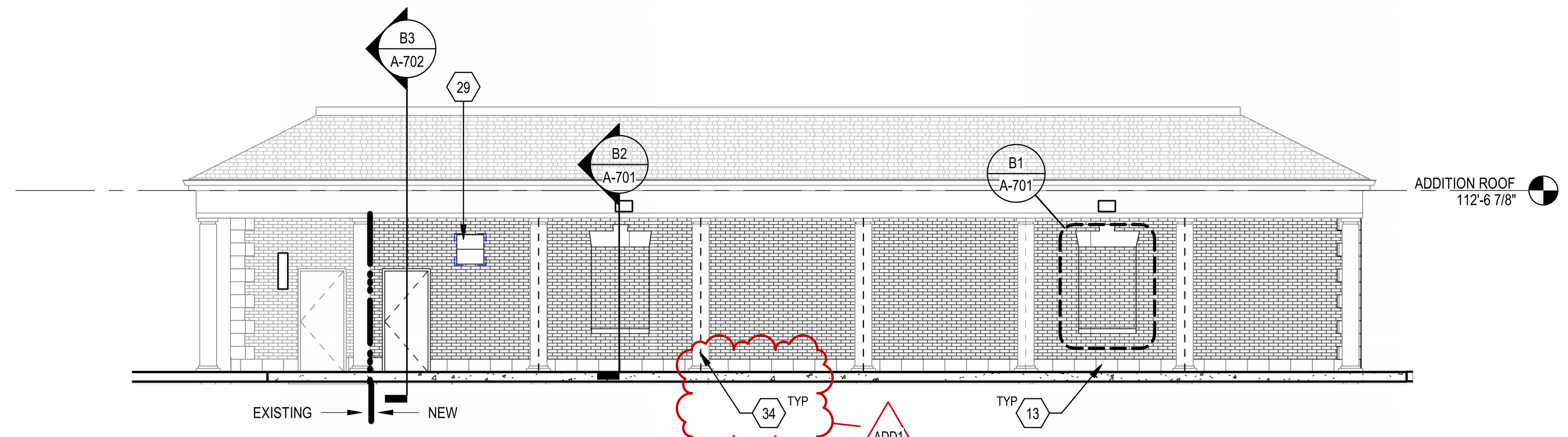
E2 ELEVATION, ENLARGED - GARAGE DOOR
SCALE: 1/4" = 1'-0"



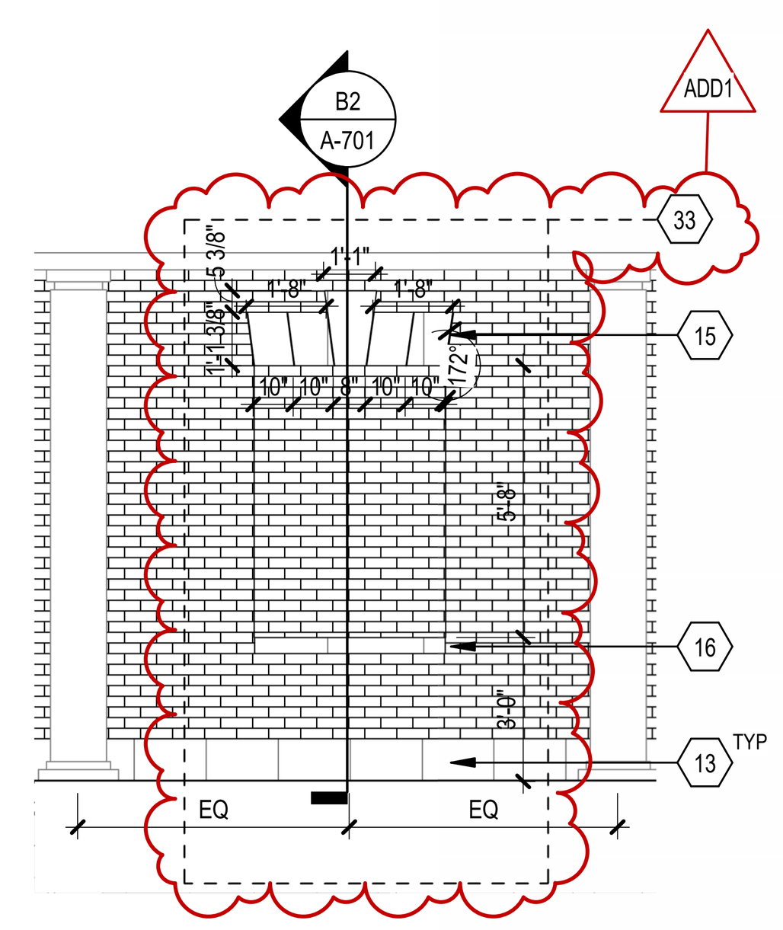
E3 ELEVATION - NORTH, ALTERNATE #1
SCALE: 1/8" = 1'-0"



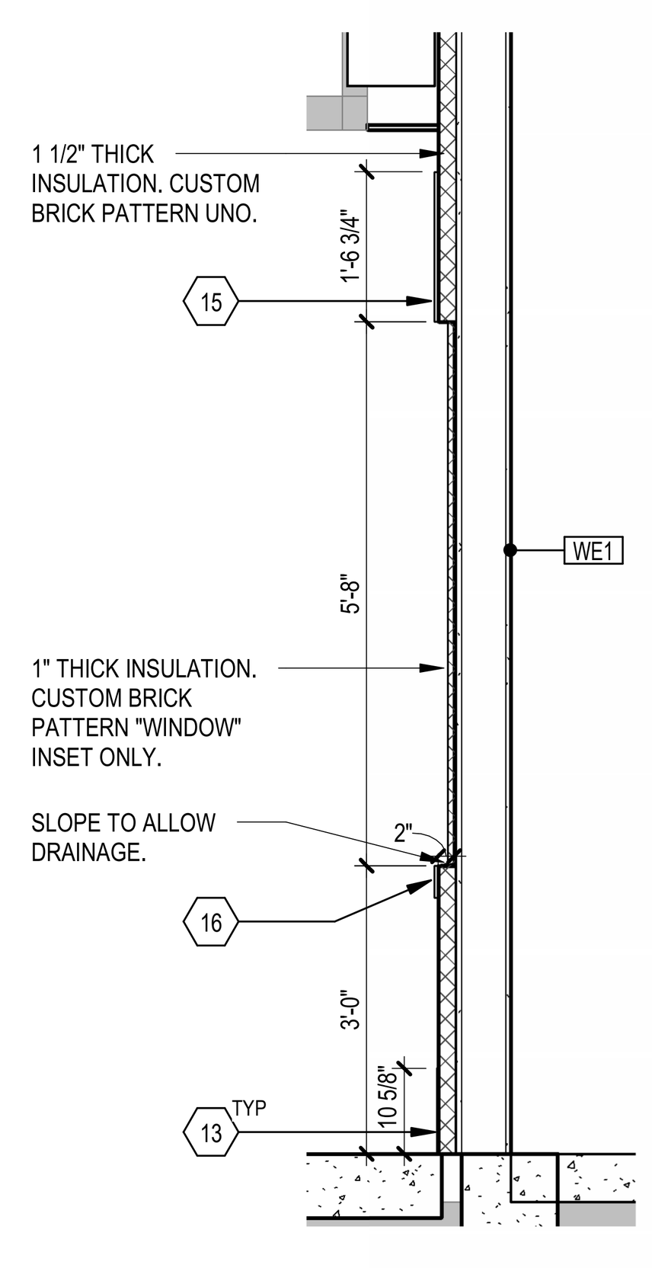
D2 ELEVATION - EAST, ALTERNATE #1
SCALE: 1/8" = 1'-0"



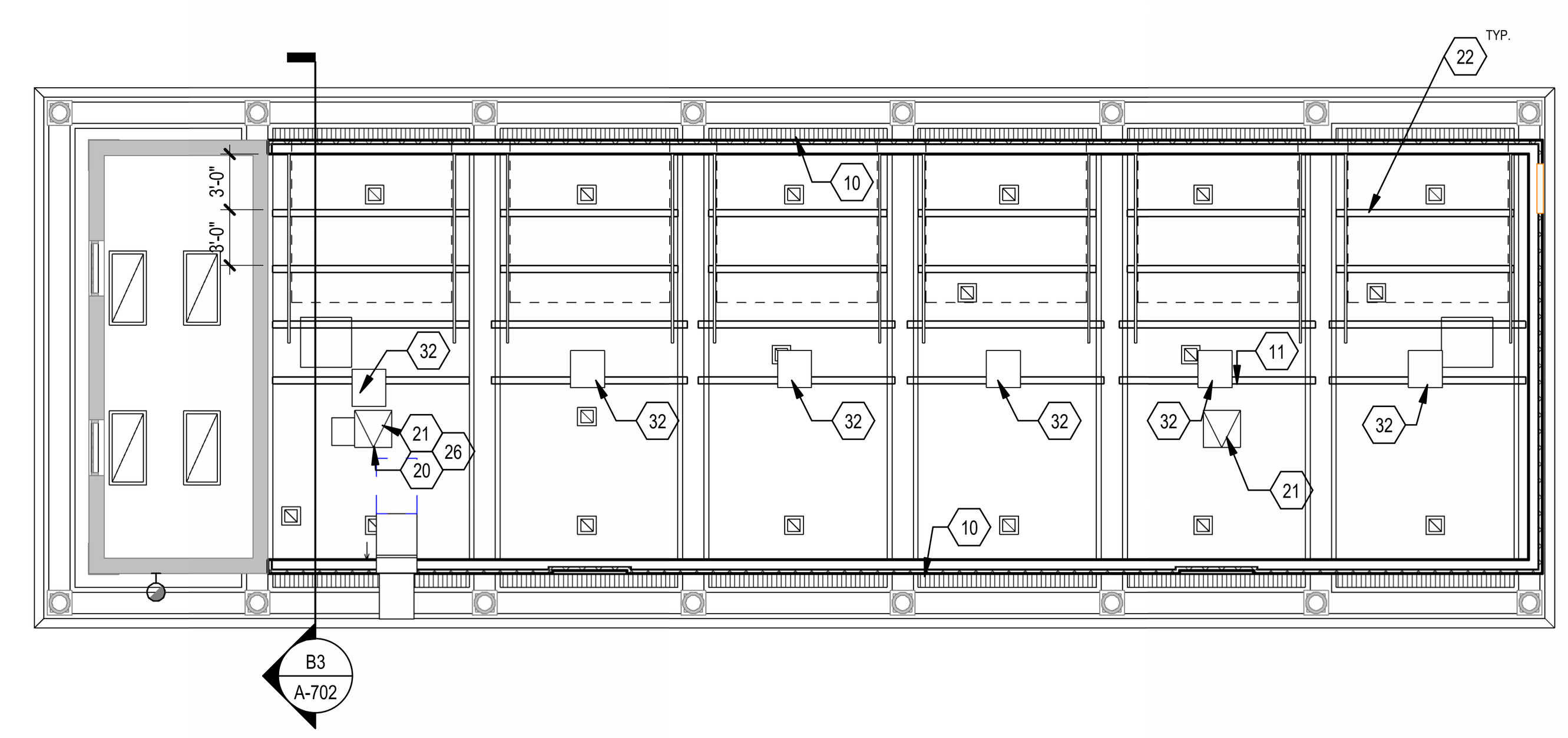
D3 ELEVATION - SOUTH, ALTERNATE #1
SCALE: 1/8" = 1'-0"



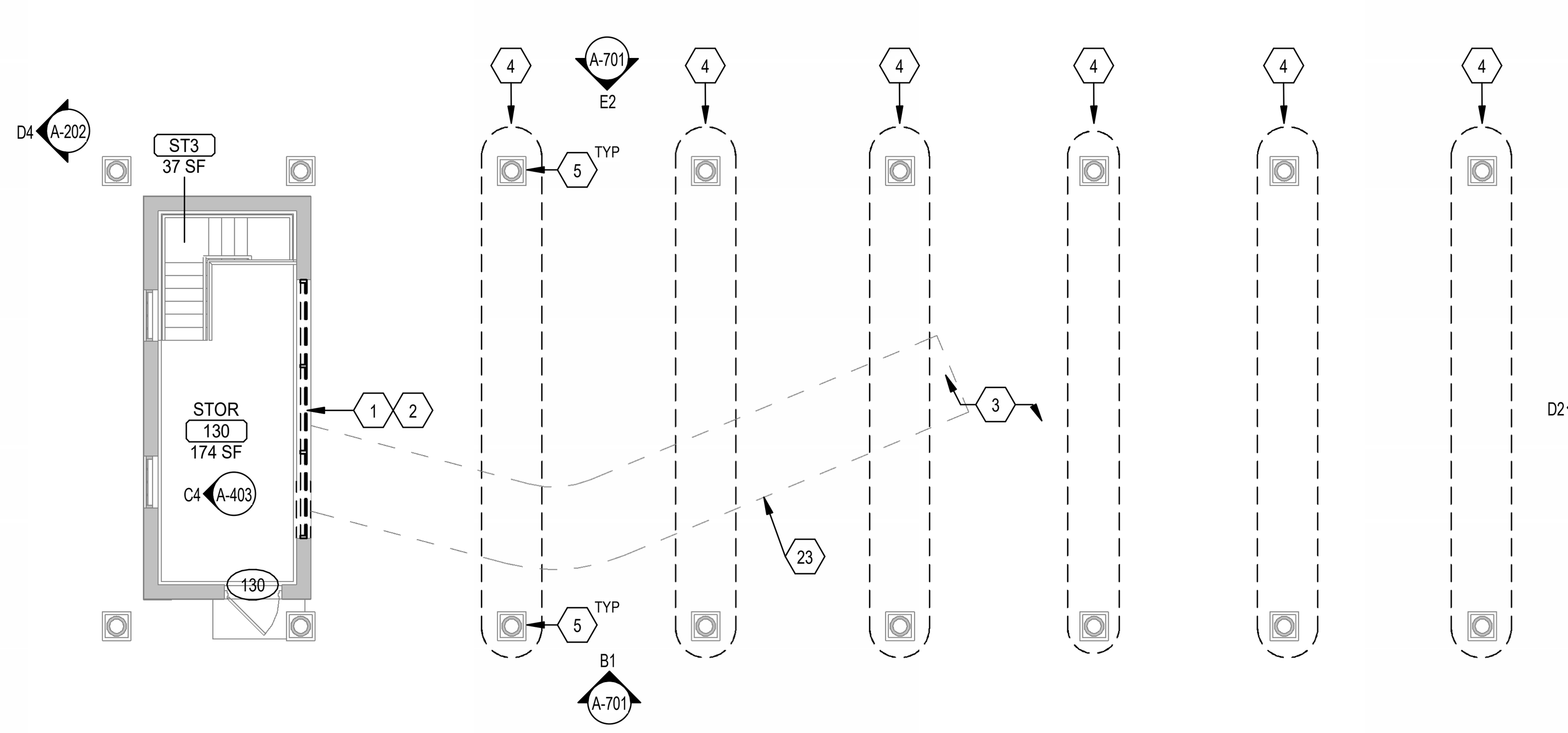
B1 ELEVATION, ENLARGED - FALSE WINDOW
SCALE: 1/4" = 1'-0"



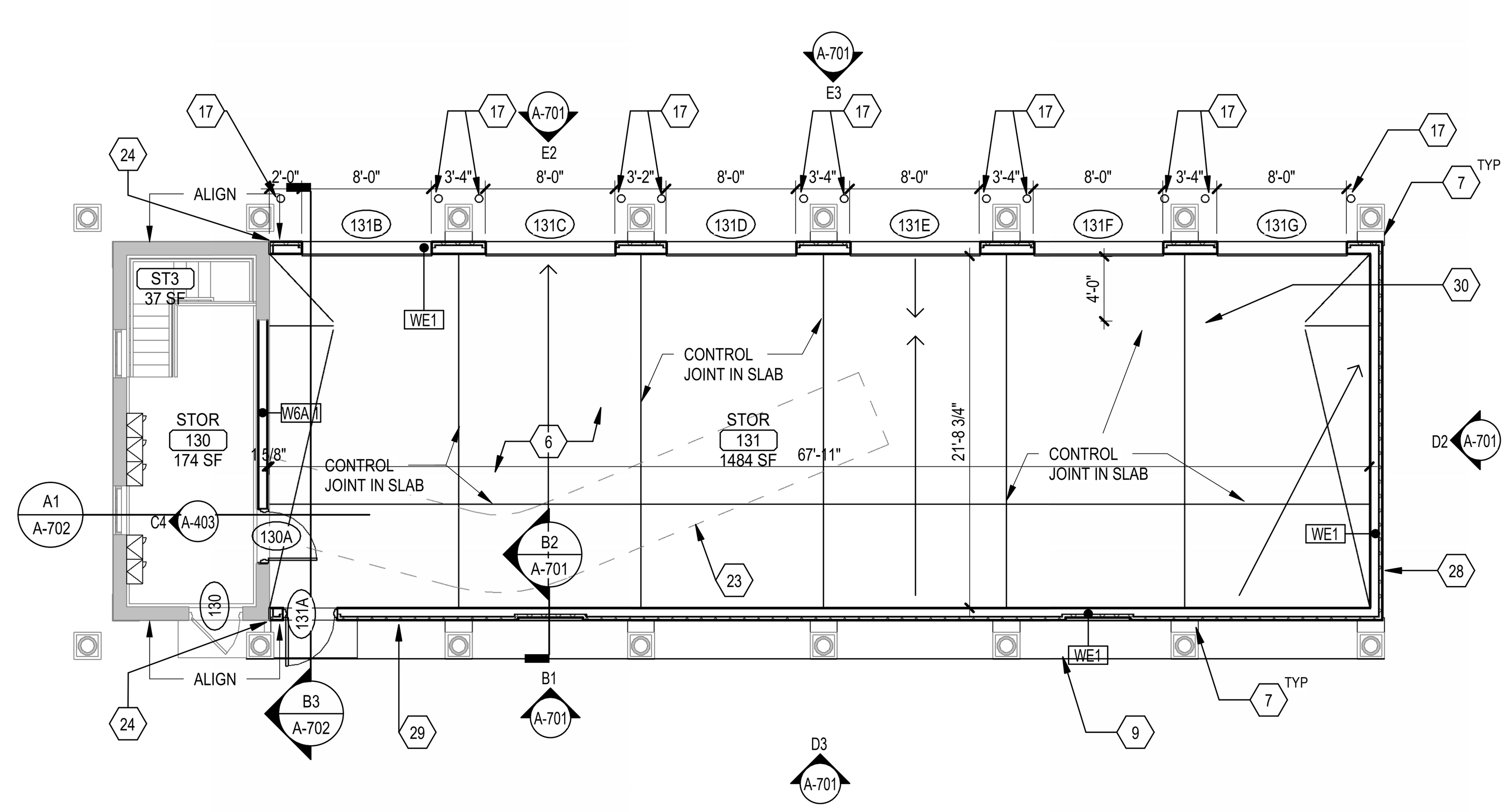
B2 WALL SECTION - FALSE WINDOW
SCALE: 1/2" = 1'-0"



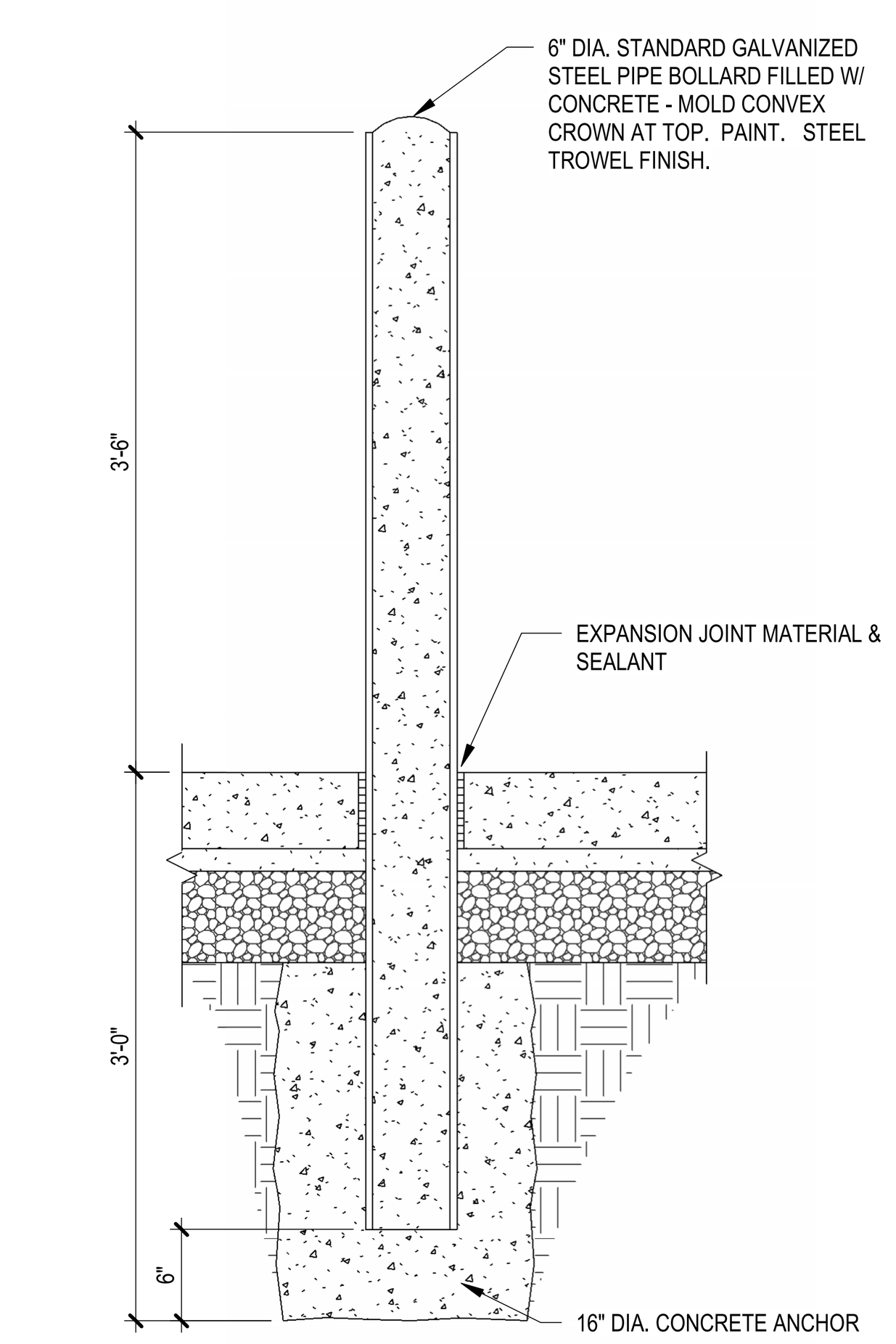
B3 FIRST LEVEL CEILING PLAN - ALTERNATE #1
SCALE: 1/8" = 1'-0"



A1 FIRST LEVEL DEMOLITION PLAN - ALTERNATE #1
SCALE: 1/8" = 1'-0"



A3 FIRST LEVEL FLOOR PLAN - ALTERNATE #1
SCALE: 1/8" = 1'-0"



A6 SITE - PIPE BOLLARD DETAIL
SCALE: 1" = 1'-0"

SHEET GENERAL NOTES:

A. PROVIDE BLOCKING AT PARTITIONS AS REQUIRED FOR MOUNTING OF FURNISHED AND NON-FURNISHED WALL MOUNTED ITEMS.

B. ALIGN FINISHED FACE OF CONTINUOUS PARTITIONS THAT CHANGE PARTITION TYPES ALONG A STRAIGHT RUN.

C. EDGE OF INTERIOR DOOR FRAMES TO BE 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

D. REFER TO SHEET A-601 FOR DOOR TYPES, WINDOW TYPES, AND NOTES.

E. REFER TO SHEET A-602 FOR ROOF FINISH SCHEDULE, KEYS AND GENERAL NOTES.

F. ALL WALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD, CMU, BRICK, OR CONCRETE; UNLESS NOTED OTHERWISE

G. PATCH HOLES IN EXPOSED GYPSUM BOARD SURFACES TO REMAIN.

H. MILLWORK CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND DOOR HARDWARE FOR REMOVAL, MODIFICATION, AND REINSTALLATION OF EXISTING WOOD TRIM TO CONCEAL WIRING FOR NEW ELECTRIFIED DEVICES.

I. ALL INTERIOR WALL TYPES ARE TYPE W4A UNO.

KEY NOTES:

1. REMOVE EXISTING DRIVE THRU TELLER UNIT.
2. REMOVE PORTION OF EXISTING MASONRY AROUND/BELOW DRIVE THRU UNIT. SALVAGE BRICK AND KEYSTONES FOR USE AS INFILL ON PROJECT.
3. REMOVE EXISTING DRIVE SLAB AND ADJACENT PAVING AS REQUIRED FOR INSTALLATION OF NEW.
4. REMOVE EXISTING EQUIPMENT CURBS.
5. EXISTING COLUMN COVER KIT WITH BASE AND CAP TO REMAIN. TYPICAL AT ALL COLUMNS.
6. CONCRETE SLAB.
7. PROVIDE NEW FORMED CONCRETE PIER CAP. APPROXIMATELY 20"W X 30"L (EXTEND TO NEW WALL LINE.) X 6"H (TOP AT EXISTING COLUMN COVER BEARING).
8. PROVIDE NEW SHEET METAL CLOSURE TRIM.
9. CONCRETE MOW STRIP. REFER TO SITE DRAWINGS.
10. CONTINUOUS VENT. ADD OR ENLARGE EXISTING OPENING IN CONFLICT WITH NEW WALL ASSEMBLY.
11. EXISTING ACCESS PANEL TO REMAIN.
12. PROVIDE NEW PRESSURE TREATED 2x BLOCKING SURFACE MOUNTED, PERPENDICULAR AND ATTACHED TO EXISTING TRUSSES TO SUPPORT NEW OVERHEAD DOOR HANGERS.
13. EIFS DETAIL WITH REVEALS. MATCH COLOR AND PROFILE OF EXISTING STONE TRIM.
14. EIFS PROJECTION MATCH COLOR AND PROFILE OF EXISTING STONE QUOIN.
15. EIFS DETAIL WITH REVEALS. 2" THICK INSULATION. MATCH COLOR AND PROFILE OF EXISTING STONE TRIM.
16. EIFS PROJECTION FOR SILL. 2" THICK INSULATION. TOP, ENDS AND FACE TO MATCH COLOR OF EXISTING STONE TRIM.
17. BOLLARD. REFER TO DETAIL A6/A-701. ALIGN EDGE OF OLLARD WITH JAMB OF DOOR. POSITION APPROXIMATELY 2'-8" FROM FACE OF WALL TO CENTERLINE OF POST.
18. EXISTING FASCIA HAS PREVIOUSLY BEEN COVERED WITH EIFS. TYPICAL.
19. CONTINUOUS SURFACE MOUNTED BLOCKING FOR OVERHEAD DOOR TRACK.
20. PROVIDE NEW 22 X 30 (APPROX.) ACCESS PANEL. PAINT TO MATCH ADJACENT EIFS LOCATION SHOWN IS APPROXIMATE.
21. BRONZE BAFFLE MOVE PANEL TO KEEP BLOWN IN INSULATION OUT OF OPENING. PROVIDE MIN 3" RIGID INSULATION BOARD ABOVE ACCESS PANEL.
22. PROVIDE SURFACE MOUNTED 2X BLOCKING FOR GARAGE TRACK. ATTACH TO EXISTING TRUSS. EXTEND BETWEEN EXISTING BULKHEAD. COORDINATE QUANTITY AND LOCATION AS REQUIRED BY OHD MANUFACTURER.
23. APPROXIMATE LOCATION OF TUNNEL TO REMAIN.
24. BACKER ROD OF SEALANT AT JOINT.
25. PROVIDE BLOWN IN INSULATION R30.
26. PROVIDE ROOFTOP INTAKE VENT AT ENTIRE PERIMETER. INSTALL AT ELEVATION ABOVE INSTALLED INSULATION. BOD GAF COBRA INTAKEPRO.
27. PROVIDE POWERED ROOF VENT. REFERENCE MECHANICAL.
28. INTAKE LOUVER REFERENCE MECHANICAL.
29. EXHAUST FAN REFERENCE MECHANICAL.
30. TRENCH DRAIN REFERENCE MECHANICAL.
31. REMOVAL AND REPLACEMENT OF SHINGLES IN BASE BID. ADD SELF ADHEREING UNDERLAYMENT UNDER ENTIRE SURFACE AS PART OF ALTERNATE.
32. OVH MOTOR. COORDINATE LOCATION AND SUPPORTS WITH MANUFACTURER.
33. MOCK UP AREA FOR CUSTOM BRICK AND STONE.

ADD1

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PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE **02/23/2024** — DRAWN BY **EMV**

PROJECT # **09201051** — CHECKED BY **RAH**

SHEET TITLE

FLOOR PLANS AND ELEVATIONS - ALTERNATE #1

SHEET NUMBER

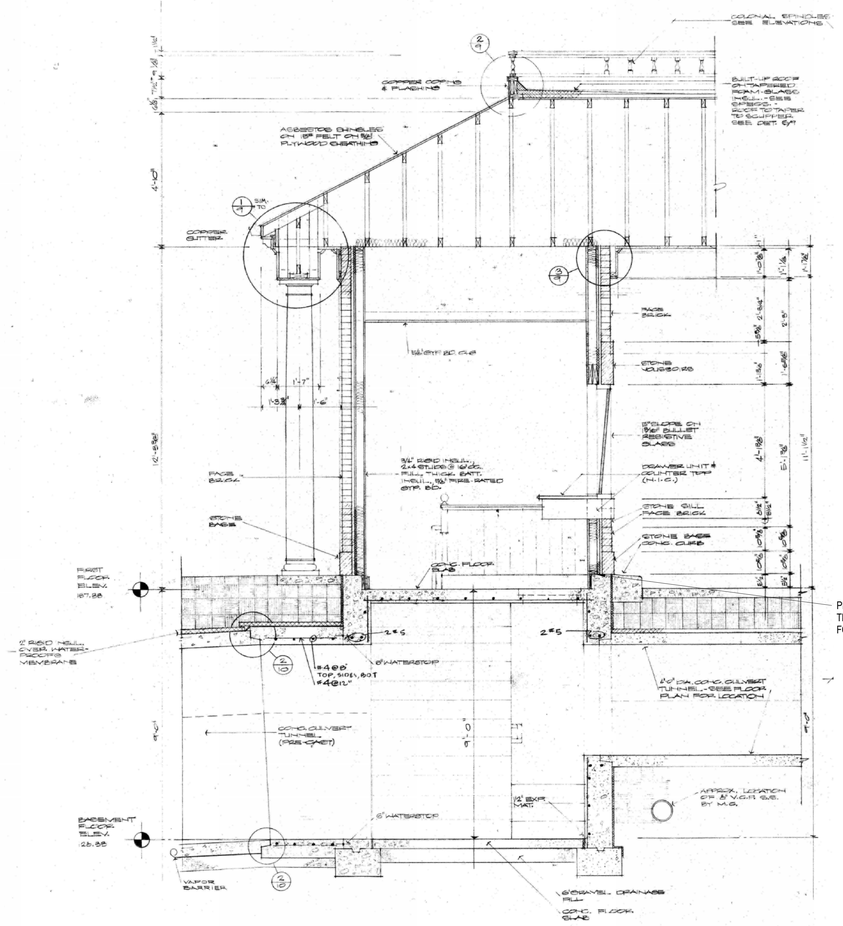
A-701

CONSTRUCTION DOCUMENTS

KEY NOTES:

1. REMOVE EXISTING DRIVE THRU TELLER UNIT.
2. REMOVE PORTION OF EXISTING MASONRY AROUND/BELOW DRIVE THRU UNIT. SALVAGE BRICK AND KEYSTONES FOR USE AS INFILL ON PROJECT.
3. REMOVE EXISTING DRIVE SLAB AND ADJACENT PAVING AS REQUIRED FOR INSTALLATION OF NEW.
4. REMOVE EXISTING EQUIPMENT CURBS.
5. EXISTING COLUMN COVER KIT WITH BASE AND CAP TO REMAIN. TYPICAL AT ALL COLUMNS.
6. CONCRETE SLAB. PITCH SLAB TO DRAIN UNDER OVERHEAD DOOR. TYPICAL EACH BAY.
7. PROVIDE NEW FORMED CONCRETE PIER CAP. APPROXIMATELY 20"W X 30"L (EXTEND TO NEW WALL LINE) X 6"H (TOP AT EXISTING COLUMN COVER BEARING).
8. PROVIDE NEW SHEET METAL CLOSURE TRIM.
9. CONCRETE MOW STRIP. REFER TO SITE DRAWINGS.
10. CONTINUOUS VENT. ADD OR ENLARGE EXISTING OPENING IN CONFLICT WITH NEW WALL ASSEMBLY. CLOSE VENTING IF USING THE INTAKE VENT IN SHINGLES.
11. EXISTING ACCESS PANEL TO REMAIN.
12. NOT USED.
13. EIFS DETAIL WITH REVEALS. MATCH COLOR AND PROFILE OF EXISTING STONE TRIM.
14. EIFS PROJECTION MATCH COLOR AND PROFILE OF EXISTING STONE QUOIN.
15. EIFS DETAIL WITH REVEALS. 2" THICK INSULATION. MATCH COLOR AND PROFILE OF EXISTING STONE TRIM.
16. EIFS PROJECTION FOR SILL. 2" THICK INSULATION. TOP, ENDS AND FACE TO MATCH COLOR OF EXISTING STONE TRIM.
17. BOLLARD. REFER TO DETAIL A6/A-701.
18. EXISTING FASCIA HAS PREVIOUSLY BEEN COVERED WITH EIFS. TYPICAL.
19. CONTINUOUS SURFACE MOUNTED BLOCKING FOR OVERHEAD DOOR TRACK.
20. PROVIDE NEW 22 X 30 (APPROX.) ACCESS PANEL. PAINT TO MATCH ADJACENT EIFS LOCATION SHOWN IS APPROXIMATE.
21. BRONZE BAFFLE MOVE PANEL TO KEEP BLOWN IN INSULATION OUT OF OPENING. PROVIDE MIN 2" RIGID INSULATION BOARD ABOVE ACCESS PANEL.
22. PROVIDE SURFACE MOUNTED 2X BLOCKING FOR GARAGE TRACK. ATTACH TO EXISTING TRUSS. EXTEND BETWEEN EXISTING BULKHEAD. COORDINATE QUANTITY AND LOCATION AS REQUIRED BY OHD MANUFACTURER.
23. APPROXIMATE LOCATION OF TUNNEL TO REMAIN.
24. BACKER ROD OF SEALANT AT JOINT.
25. PROVIDE BLOWN IN INSULATION R30.
26. PROVIDE ROOFTOP INTAKE VENT AT ENTIRE PERIMETER. INSTALL AT ELEVATION ABOVE INSTALLED INSULATION. BOD GAF COBRA INTAKEPRO.
27. PROVIDE POWERED ROOF VENT. REFERENCE MECHANICAL.
28. INTAKE LOUVER REFERENCE MECHANICAL.
29. EXHAUST FAN REFERENCE MECHANICAL.
30. TRENCH DRAIN REFERENCE MECHANICAL.
31. REMOVAL AND REPLACEMENT OF SHINGLES IN BASE BID. ADD SELF ADHERING UNDERLAYMENT UNDER ENTIRE SURFACE AS PART OF ALTERNATE.
32. OHD MOTOR. COORDINATE LOCATION AND SUPPORTS WITH MANUFACTURER.
33. VENT STACK REFERENCE MECHANICAL.

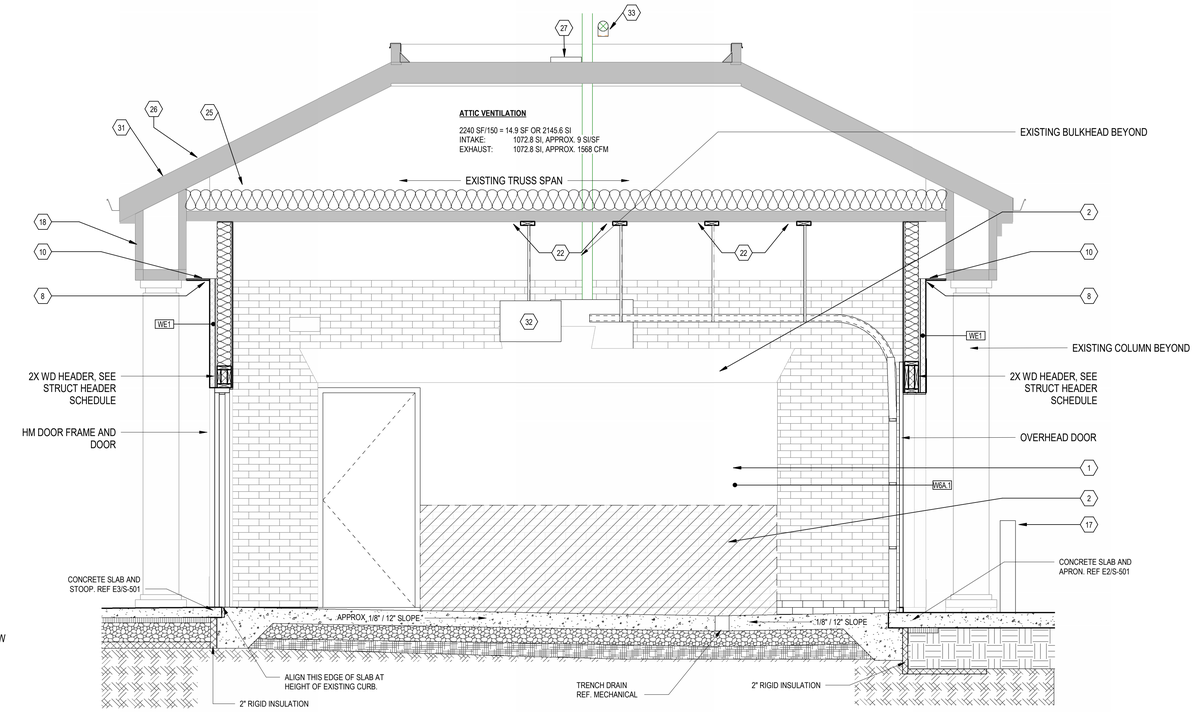
ADD1



A1 SECTION - EXISTING DRIVE-UP TELLER
SCALE: 1/2" = 1'-0"

EXISTING CONDITIONS FOR REFERENCE

B/9



B3 BUILDING SECTION - NORTH/SOUTH
SCALE: 1/2" = 1'-0"

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REGISTERED PROFESSIONAL ARCHITECT
REG. NO. 7121
REA HAMMOCK
SOUTH DAKOTA
DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE **02/23/2024**	DRAWN BY **EMV**
PROJECT # **09201051**	CHECKED BY **RAH**

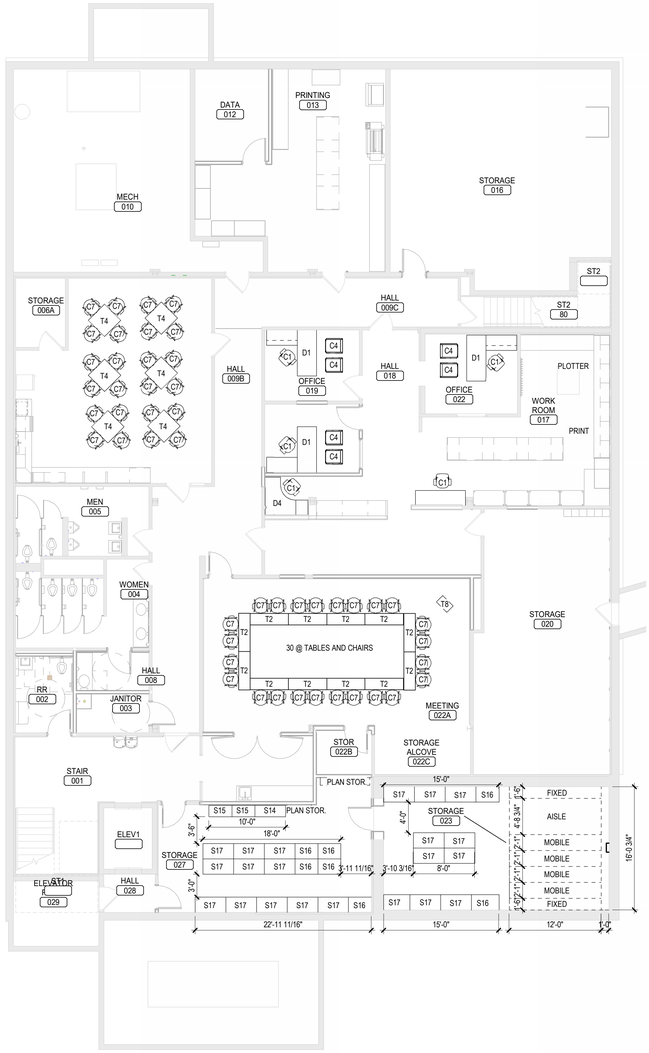
SHEET TITLE

SECTIONS - ALTERNATE #1

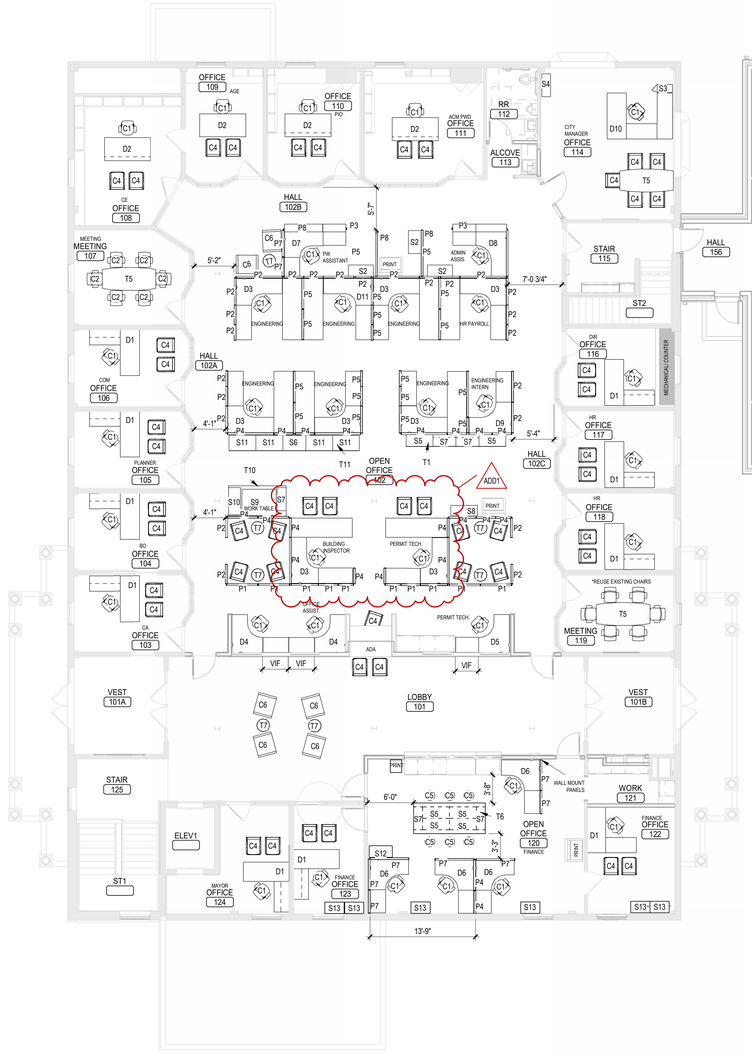
SHEET NUMBER

A-702

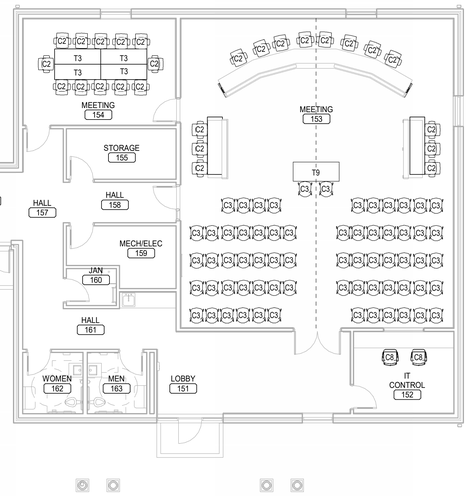
CONSTRUCTION DOCUMENTS



A1 **LOWER LEVEL FURNITURE PLAN**
SCALE: 1/8" = 1'-0"



A3 **FIRST LEVEL FURNITURE PLAN BEW**
SCALE: 1/8" = 1'-0"



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PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADD1

ISSUE DATE	DRAWN BY
02/23/2024	EMV
PROJECT #	CHECKED BY
09201051	RAH

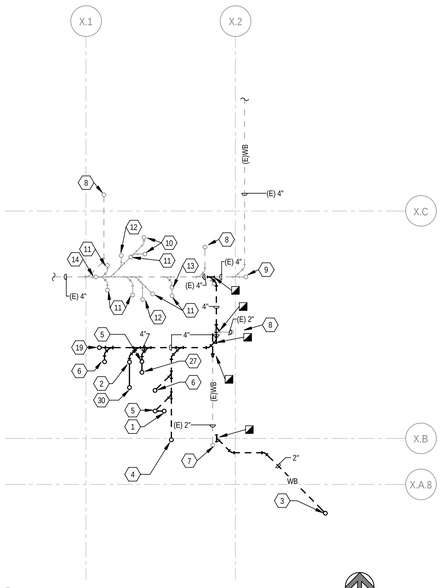
SHEET TITLE

INTERIOR FURNITURE PLANS

SHEET NUMBER

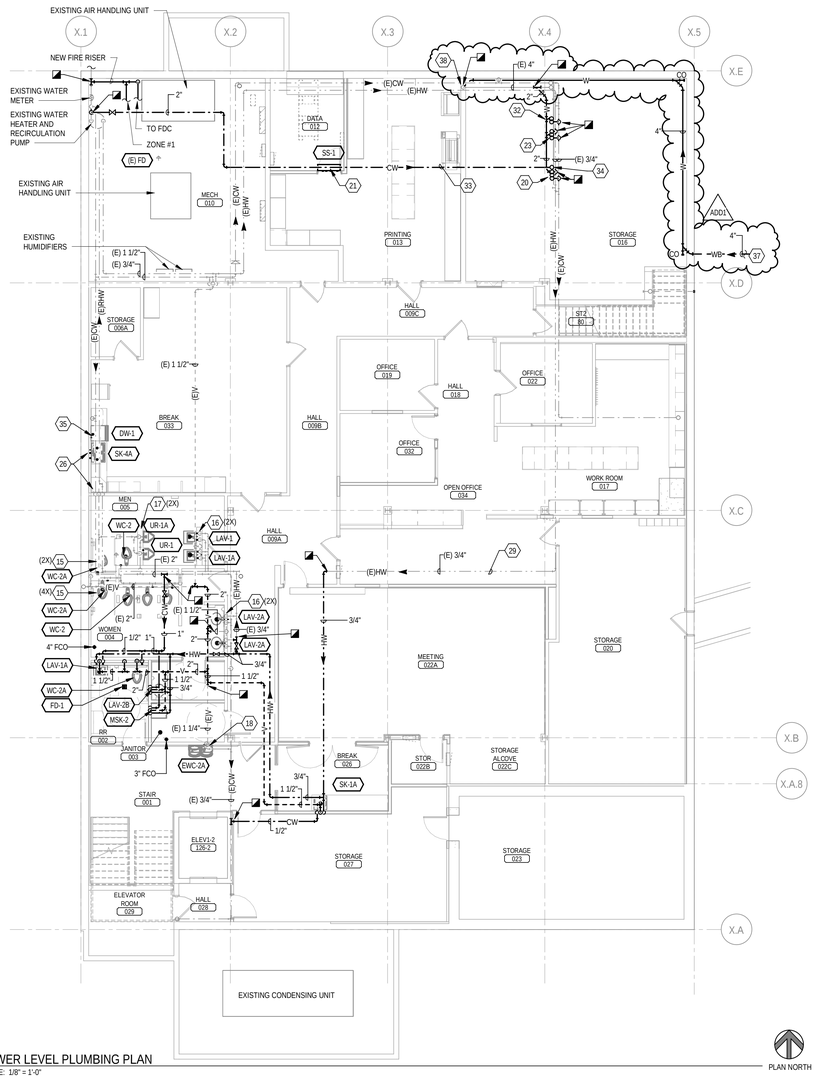
I-101

CONSTRUCTION DOCUMENTS



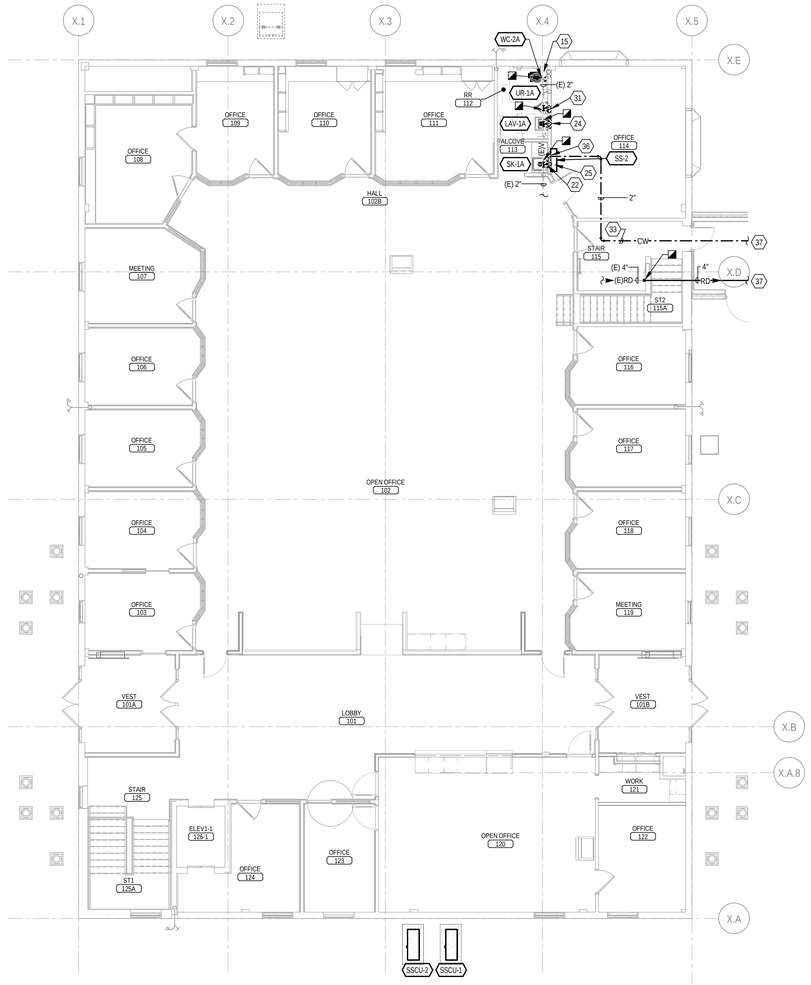
D1 UNDERFLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH



A1 LOWER LEVEL PLUMBING PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH



A3 FIRST LEVEL PLUMBING PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH

KEYNOTES

1	3" WB UP TO MOP SINK.
2	1 1/2" V UP.
3	2" WB UP TO SINK.
4	3" WB UP TO FCO.
5	2" V UP.
6	2" W B UP TO LAV.
7	EXIST. 2" WB UP TO WATER COOLER.
8	EXIST. 2" WB UP.
9	EXIST. 4" WB UP TO CO.
10	EXIST. 2" WB UP TO URINAL.
11	EXIST. 4" WB UP TO WATER CLOSET.
12	EXIST. 2" WB UP TO FD.
13	EXIST. 2" V UP.
14	EXIST. 4" V UP.
15	CONNECT NEW WATER CLOSET TO EXIST. CW, VENT AND WASTE.
16	CONNECT NEW LAV TO EXIST. DOMESTIC WATER AND WASTE.
17	CONNECT NEW URINAL TO EXIST. DOMESTIC WATER, VENT AND WASTE.
18	CONNECT NEW WATER COOLER TO EXIST. DOMESTIC WATER, VENT AND WASTE.
19	4" WB UP TO FCO.
20	1/2" CW, 1/2" HW, 2" W UP TO SINK.
21	ROUTE CONDENSATE FROM SPLIT SYSTEM TO FLOOR DRAIN IN MECHANICAL ROOM. DO NOT ROUTE CONDENSATE DRAIN OVER ANY ELECTRICAL PANELS. COORDINATE WITH E.C.
22	1/2" CW, 1/2" HW, 2" W DN. 1 1/2" V TO SINK.
23	1/2" CW, 1/2" HW, 2" W UP TO LAV.
24	1/2" CW, 1/2" HW, 2" W DN. 1 1/2" V TO LAV.
25	ROUTE CONDENSATE FROM SPLIT SYSTEM TO TAILPIECE OF LAV-1A IN ROOM 112 RR.
26	CONNECT NEW SINK TO EXIST. DOMESTIC WATER AND WASTE. ROUTE PIPING THRU CASEWORK.
27	4" WB UP TO WATER CLOSET.
29	REMOVE AND REINSTALL DOMESTIC HOT WATER LINE AS NEEDED TO ACCOMMODATE INSTALLATION OF NEW DUCTWORK.
30	2" W UP TO FLOOR DRAIN.
31	3/4" CW, 2" W DN. 1 1/2" V TO URINAL.
32	3/4" CW, 2" W UP TO URINAL.
33	ROUTE 2" CW TO ADDITION.
34	2" CW UP.
35	CONNECT WASTE FROM DISHWASHER TO TAILPIECE OF SINK. CONNECTION 1/2" HW FOR DISHWASHER TO HW LINE SERVING SINK.
36	2" CW DN.
37	SEE M-102 FOR CONTINUATION.
38	CONNECT 4" W TO EXISTING 4" VERTICAL W.

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REGISTERED PROFESSIONAL ENGINEER
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STACEY L.
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DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN
RENOVATION AND
ADDITION FOR NEW
CITY HALL
WATERTOWN, SD

ISSUES

ADD1	03/05/2024	ADDENDUM 01
ISSUE	DATE	DESCRIPTION

ISSUE DATE	DRAWN BY
02/23/2024	SLV
PROJECT #	CHECKED BY
09201051	SLV

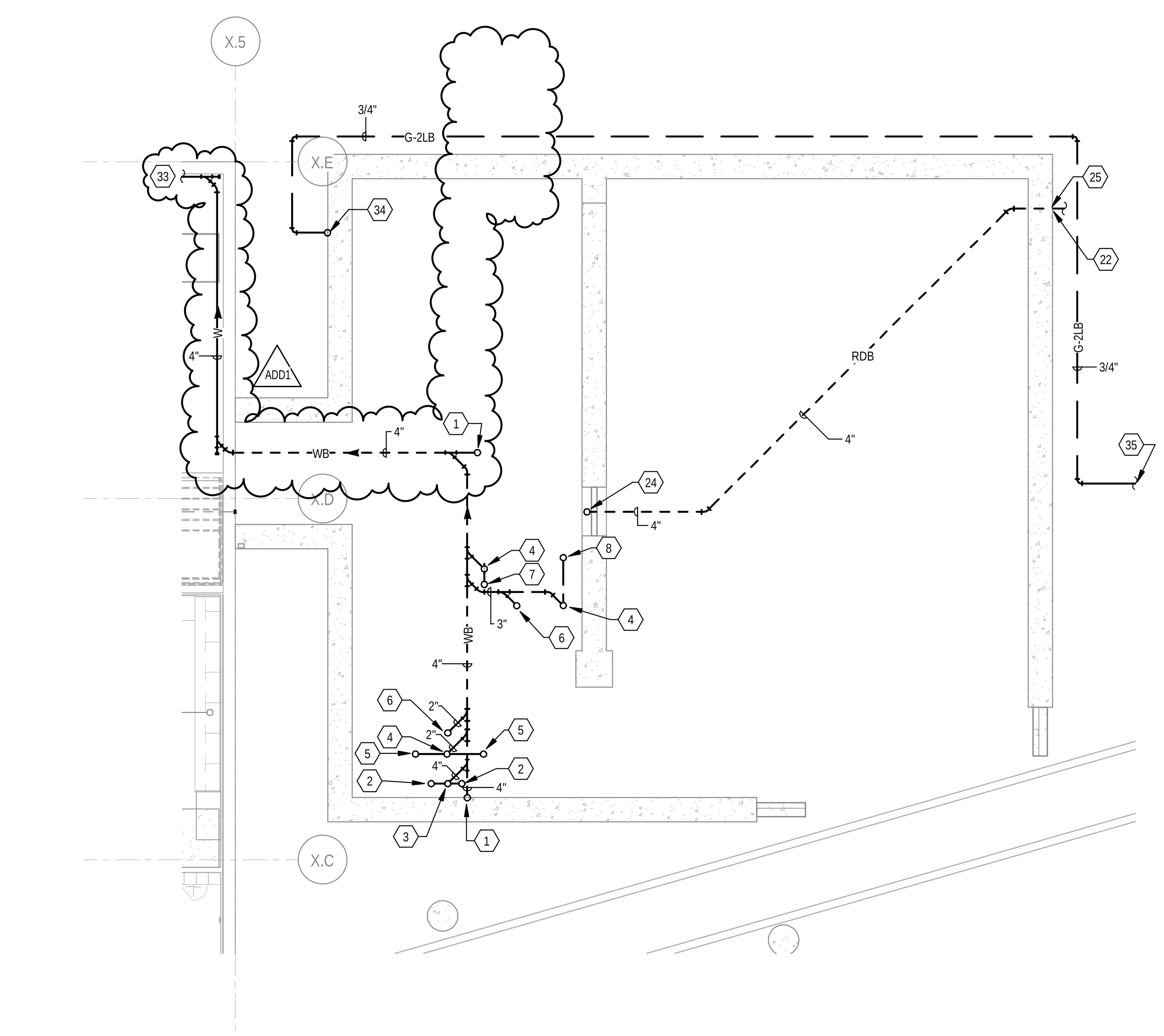
SHEET TITLE

PLUMBING PLANS

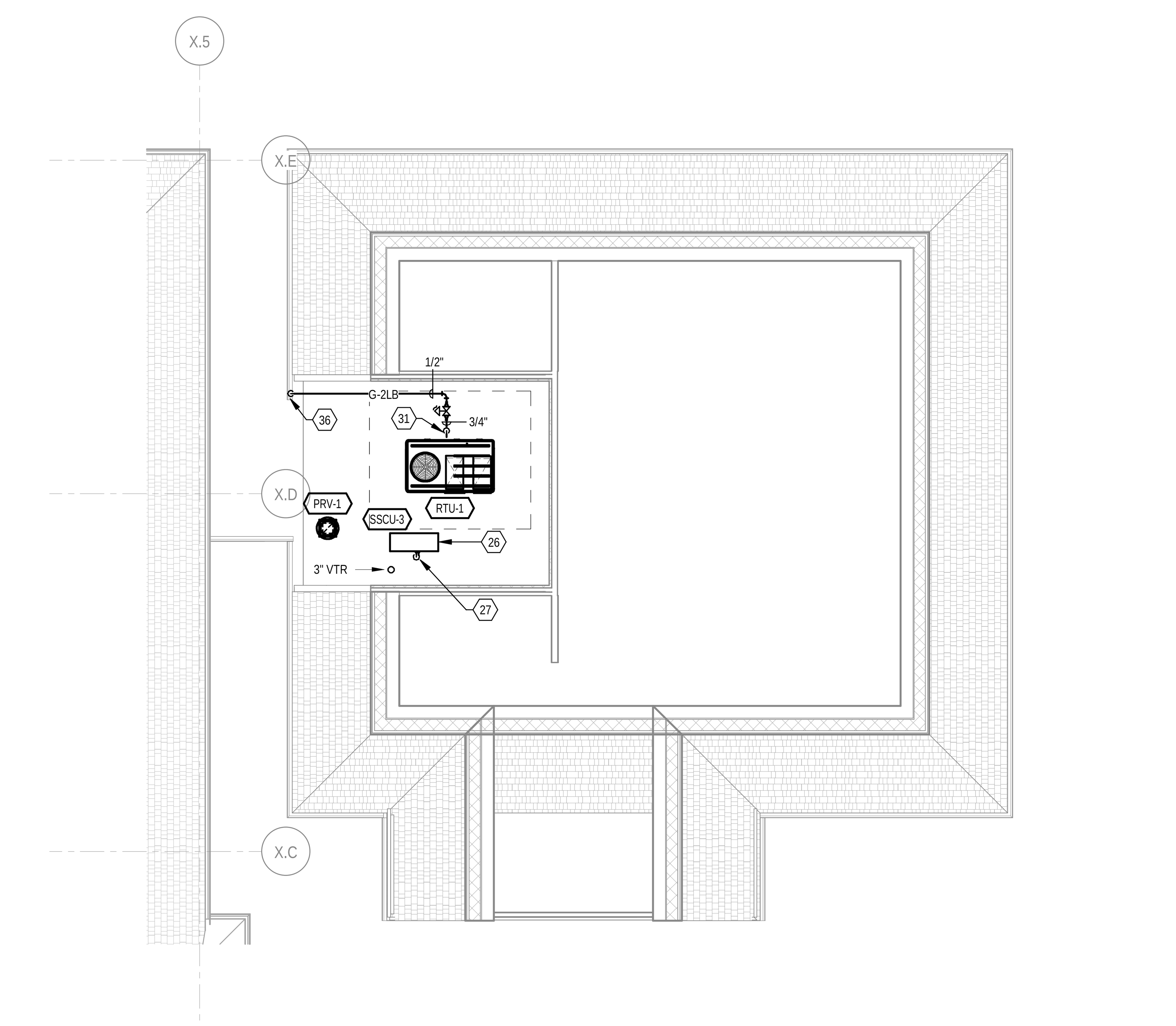
SHEET NUMBER

PL101

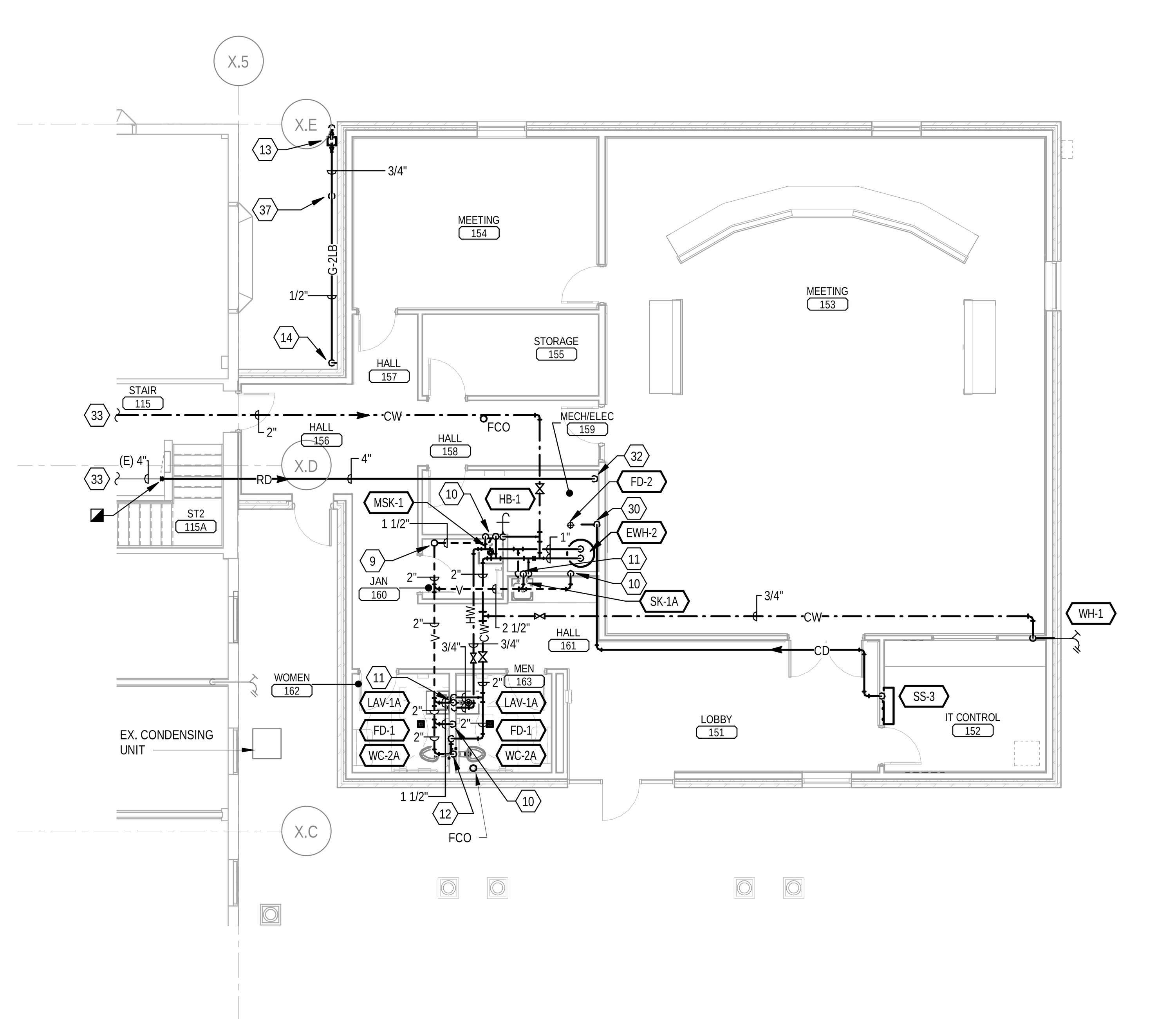
CONSTRUCTION DOCUMENTS



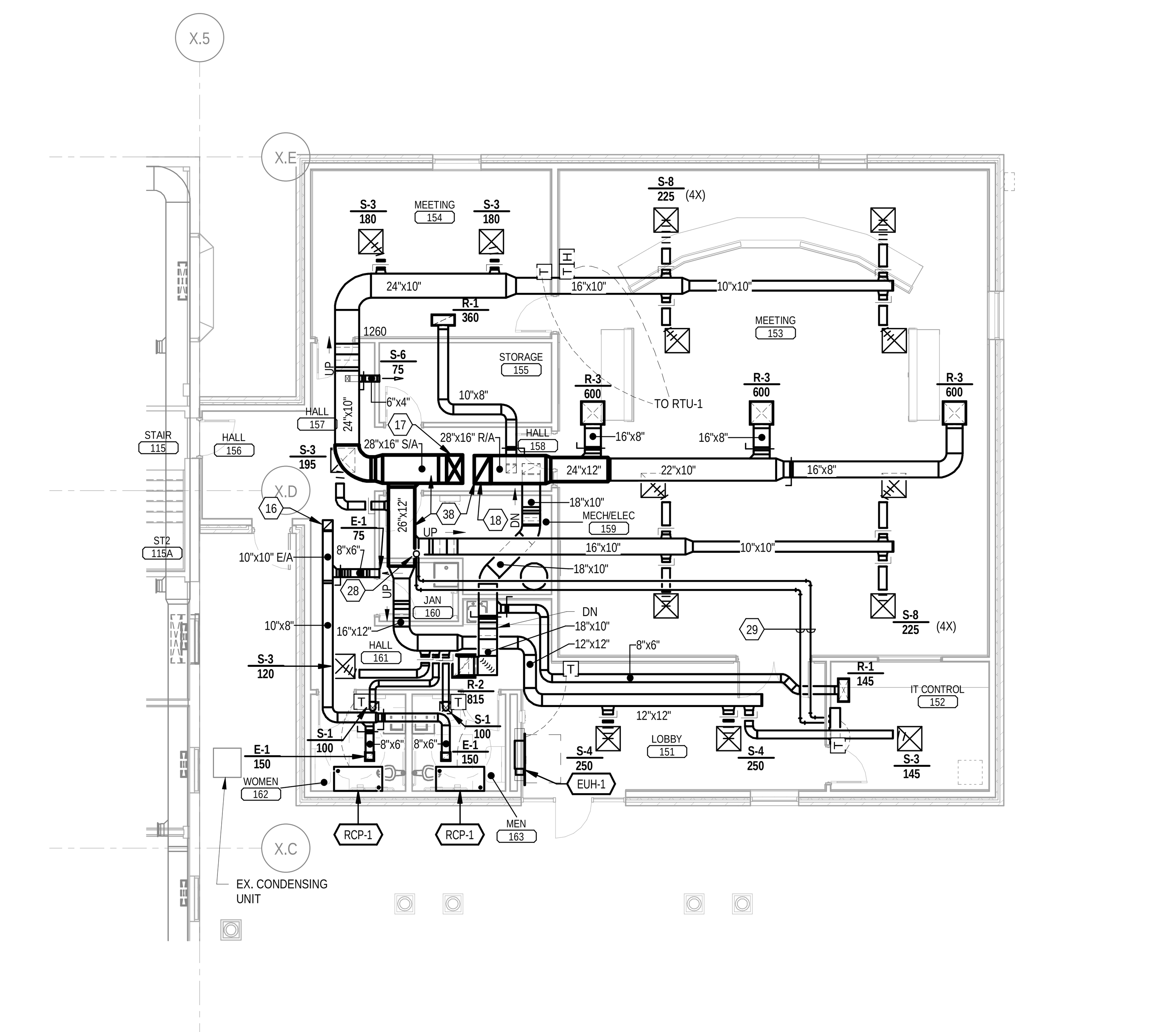
C1 UNDERFLOOR PLUMBING PLAN - ALTERNATE #1
SCALE: 1/8" = 1'-0"
PLAN NORTH



C3 MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"
PLAN NORTH



A1 FIRST LEVEL PLUMBING PLAN
SCALE: 1/8" = 1'-0"
PLAN NORTH



A3 FIRST LEVEL MECHANICAL HVAC PLAN
SCALE: 1/8" = 1'-0"
PLAN NORTH

KEYNOTES

1	UP TO FCO.
2	4" WB UP TO WATER CLOSET.
3	2" V UP.
4	1 1/2" V UP.
5	2" WB UP TO FLOOR DRAIN.
6	2" WB UP.
7	3" WB UP TO MOP SINK.
8	3" WB UP TO FLOOR DRAIN.
9	2" V. 4" FROSTPROOF VTR.
10	1 1/2" V DN.
11	2" W DN / 1 1/2" V.
12	2" V DN.
13	NEW GAS METER, SERVICE AND REGULATOR. TOTAL CONNECTED LOAD OF 440 MBH @ 2 PSI. COORDINATE WITH GAS UTILITY.
14	1/2" G-2LB UP. ATTACH TO SIDE OF BUILDING.
15	4" UP TO YCO.
16	10"X10" E/A UP THRU ROOF TO PRV-1.
17	28"X16" S/A UP THRU ROOF TO RTU-1.
18	28"X16" R/A UP THRU ROOF TO RTU-1.
22	APPROXIMATE I.E.=96'-0. SEE SITE UTILITY PLAN FOR CONTINUATION.
23	NOT USED.
24	4" RD UP.
25	PROVIDE PIPE SLEEVE AND ROUTE 4" WB THRU FOUNDATION WALL.
26	INSTALL CONDENSING UNIT ON 18" EQUIPMENT RAILS. THYCURB MODEL TEMS-1 OR EQUAL.
27	REFRIGERANT LINES DN THRU ROOF. SIZE AND INSTALL REFRIGERANT LINE PER MANUFACTURER'S RECOMMENDATIONS.
28	REFRIGERANT LINES UP THRU ROOF. SIZE AND INSTALL REFRIGERANT LINE PER MANUFACTURER'S RECOMMENDATIONS.
29	SIZE AND INSTALL REFRIGERANT LINE PER MANUFACTURER'S RECOMMENDATIONS.
30	DROP CONDENSATE ALONG WALL AND ROUTE TO FLOOR DRAIN.
31	1" G TO RTU. PROVIDE SHUT-OFF VALVE, UNION AND 6" DIRT LEG.
32	4" RD DN.
33	SEE PL101 FOR CONTINUATION.
34	3/4" G-2LB UP.
35	SEE M-401 FOR CONTINUATION.
36	1/2" G-2LB DN.
37	UNDER ALTERNATE #1, 3/4" GAS DOWN. ROUTE BURIED AROUND PERIMETER OF BUILDING. REFER TO C1/M-102 FOR CONTINUATION.
38	DUCTS SHOWN IN HEAVY LINE SHALL BE CONSTRUCTED OF 16 GA METAL CONTINUOUS FROM AHU CONNECTION. INSULATED 16 GA DUCT WITH AN ADDITIONAL 2" RIGID BOARD INSULATION IN ADDITION TO INSULATION SPECIFIED.

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Architecture
Engineering
Planning

CONSULTANTS

DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL

WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADDENDUM 01

ISSUE DATE: 02/23/2024
DRAWN BY: SLV
PROJECT #: 09201051
CHECKED BY: SLV

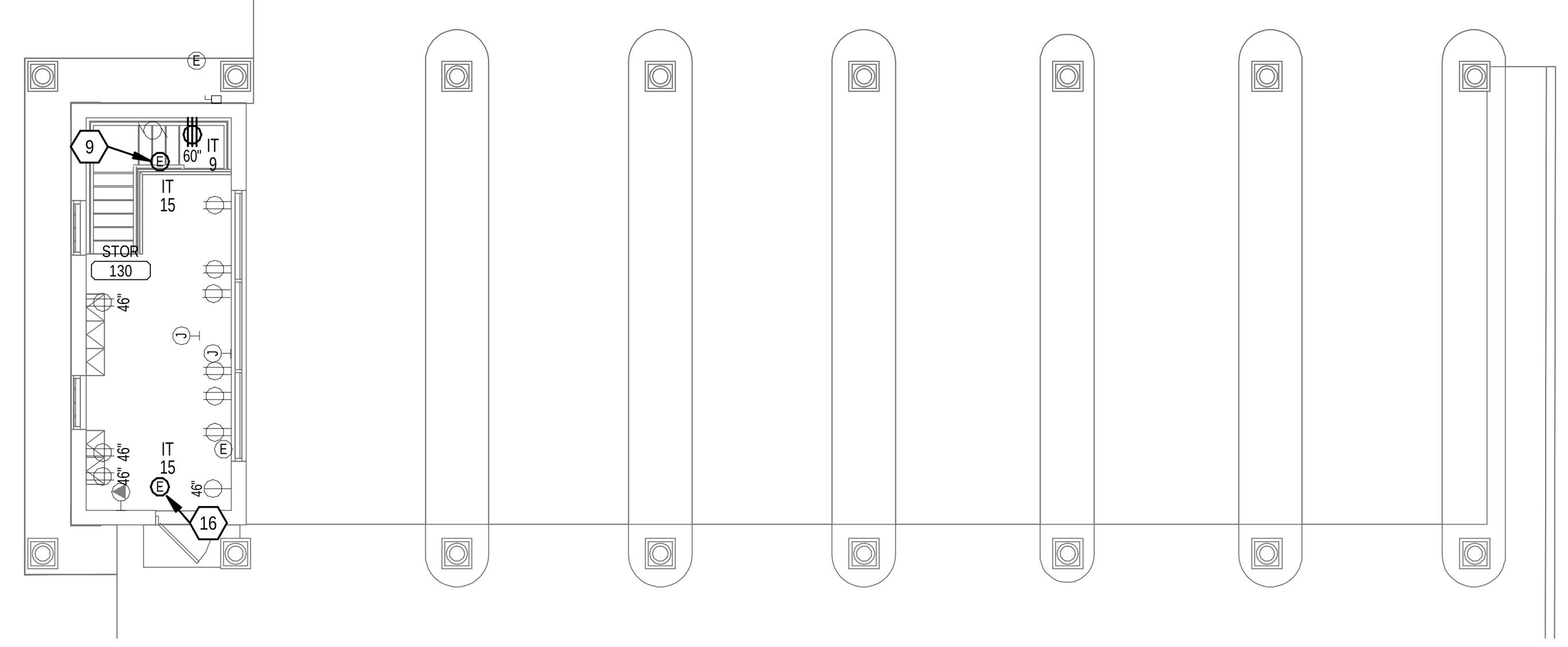
SHEET TITLE

MECHANICAL PLANS - ADDITION MECHANICAL PLANS

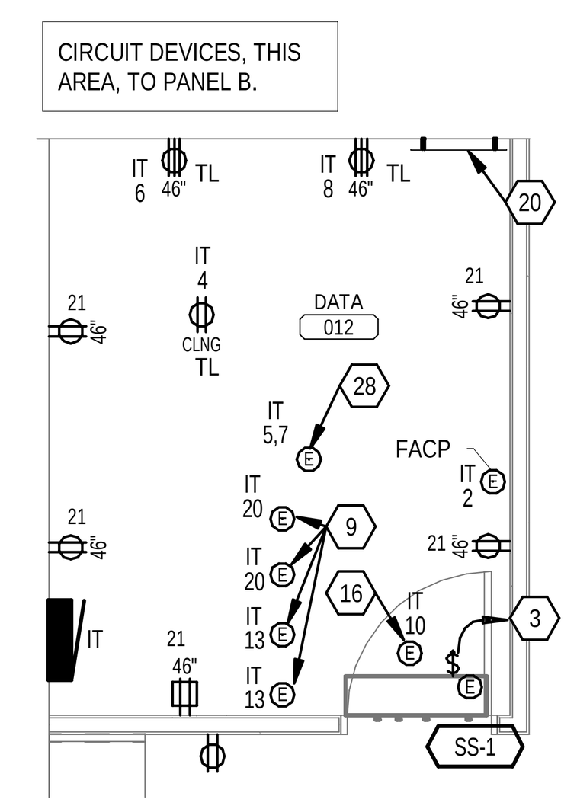
SHEET NUMBER

M-102

CONSTRUCTION DOCUMENTS



D1 FIRST LEVEL POWER PLAN - TELLER BUILDING
SCALE: 1/8" = 1'-0"



D3 LOWER LEVEL POWER PLAN - DATA 012
SCALE: 1/4" = 1'-0"

POWER GENERAL NOTES

A.	FOR NEW DEVICES SHOWN ON EXISTING WALLS, UNLESS NOTED OTHERWISE, PROVIDE REMODELER BOXES AND FISH MC CABLES WITHIN THE WALL CAVITY, TO LOWER LEVEL OR FIRST LEVEL CEILING SPACE.

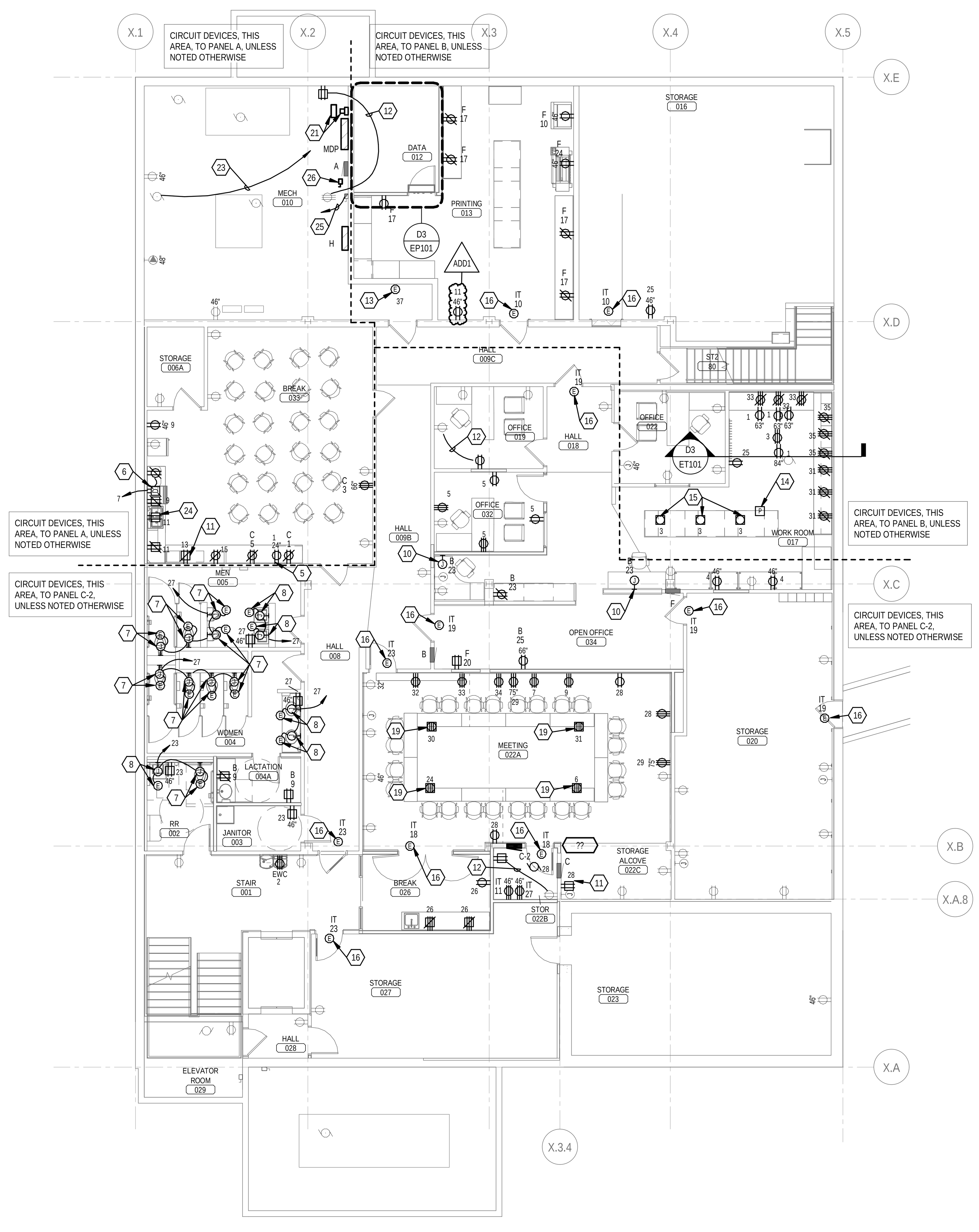
KEYNOTES

1	APPROXIMATE LOCATION OF ROUTING OF CONDUIT FEEDING PANEL G IN ADDITION. ROUTE UP NEW WALL AND IN FIRST LEVEL CEILING SPACE TO STAIR 115. THEN ROUTE THROUGH HALL 156 CEILING SPACE TO PANEL.
2	PROVIDE POKE THRU FLOOR BOX, BASIS OF DESIGN: LEGRAND 6ATCFFBK. PROVIDE FLEXIBLE FURNITURE FEED COVER TYPE FPFFTCBK. PROVIDE VOLTAGE DIVIDER AND ALL ACCESSORIES FOR A SYSTEMS FURNITURE POWERED CONNECTION. PROVIDE FLEXIBLE POWER CONNECTION TO SYSTEMS FURNITURE. COORDINATE EXACTION INSTALLATION LOCATION WITH OWNER'S FURNITURE SUPPLIER BEFORE INSTALLATION. SEE KEYNOTE 11, SHEET ET101 FOR DATA REQUIREMENTS.
3	WIRE INDOOR UNIT THROUGH OUTDOOR CONDENSING UNIT. ROUTE CONDUCTORS THROUGH DISCONNECT SWITCH. DISCONNECT SWITCH PROVIDED BY DIVISION 26, MOUNT ADJACENT TO INDOOR UNIT.
4	PROVIDE POKE THRU FLOOR BOX, BASIS OF DESIGN: LEGRAND 6ATC2PBK. PROVIDE TWO DUPLEX OUTLETS AND ONE COMMUNICATION BRACKET FOR DATA OUTLETS. COORDINATE WITH OWNER FOR ANY AV OUTLET/FACEPLATE REQUIREMENTS. SEE KEYNOTE 27, SHEET ET101 FOR TELECOM INFORMATION. PROVIDE COVER TYPE 6CT2BK.
5	INSTALL RECEPTACLE IN MICROWAVE NOOK, RECPETACLE TO BE FLUSH WITH BACK OF CABINET.
6	PROVIDE FACELESS GFCI DEVICE WITH LABEL TO SERVE RECEPTACLE BEHIND KITCHEN EQUIPMENT. LABEL ACCORDINGLY.
7	PROVIDE A 4 SQUARE BACKBOX FOR TOILET/URINAL FLUSH VALVE AUTO SENSOR AND MULTI-AC TRANSFORMER. MOUNT TRANSFORMER IN BOX. PROVIDE 120V POWER CONNECTION TO FLUSH VALVE TRANSFORMER. TRANSFORMER PROVIDED BY DIVISION 22, INSTALLED AND WIRED BY DIVISION 26. DIVISION 26 TO PROVIDE LOW VOLTAGE WIRING BETWEEN FLUSH VALVE AND TRANSFORMER.
8	PROVIDE A 4 SQUARE BACKBOX FOR SINK FAUCET AUTO SENSOR AND MULTI-AC TRANSFORMER. MOUNT TRANSFORMER IN BOX. PROVIDE 120V POWER CONNECTION TO FAUCET AUTO SENSOR TRANSFORMER. TRANSFORMER PROVIDED BY DIVISION 22, INSTALLED AND WIRED BY DIVISION 26. DIVISION 26 TO PROVIDE LOW VOLTAGE WIRING BETWEEN FAUCET AND TRANSFORMER.
9	PROVIDE POWER CONNECTION TO DOOR CONTROLLER. DOOR CONTROLLER PROVIDED BY OWNER.
10	PROVIDE FLUSH MOUNTED JUNCTION BOX AND FLEXIBLE POWER CONNECTION TO FURNITURE SYSTEM. CONNECT TO OWNER FURNISHED SYSTEM. INSTALLATION SHALL MEET CITY INSPECTOR APPROVAL.
11	INSTALL DEVICE IN EXISTING BACKBOX. PROVIDE NEW CIRCUIT AS NOTED.
12	EXTEND EXISTING RECEPTACLE CIRCUIT TO NEW OUTLET LOCATION.
13	PROVIDE POWER TO NEW BAS SYSTEM.

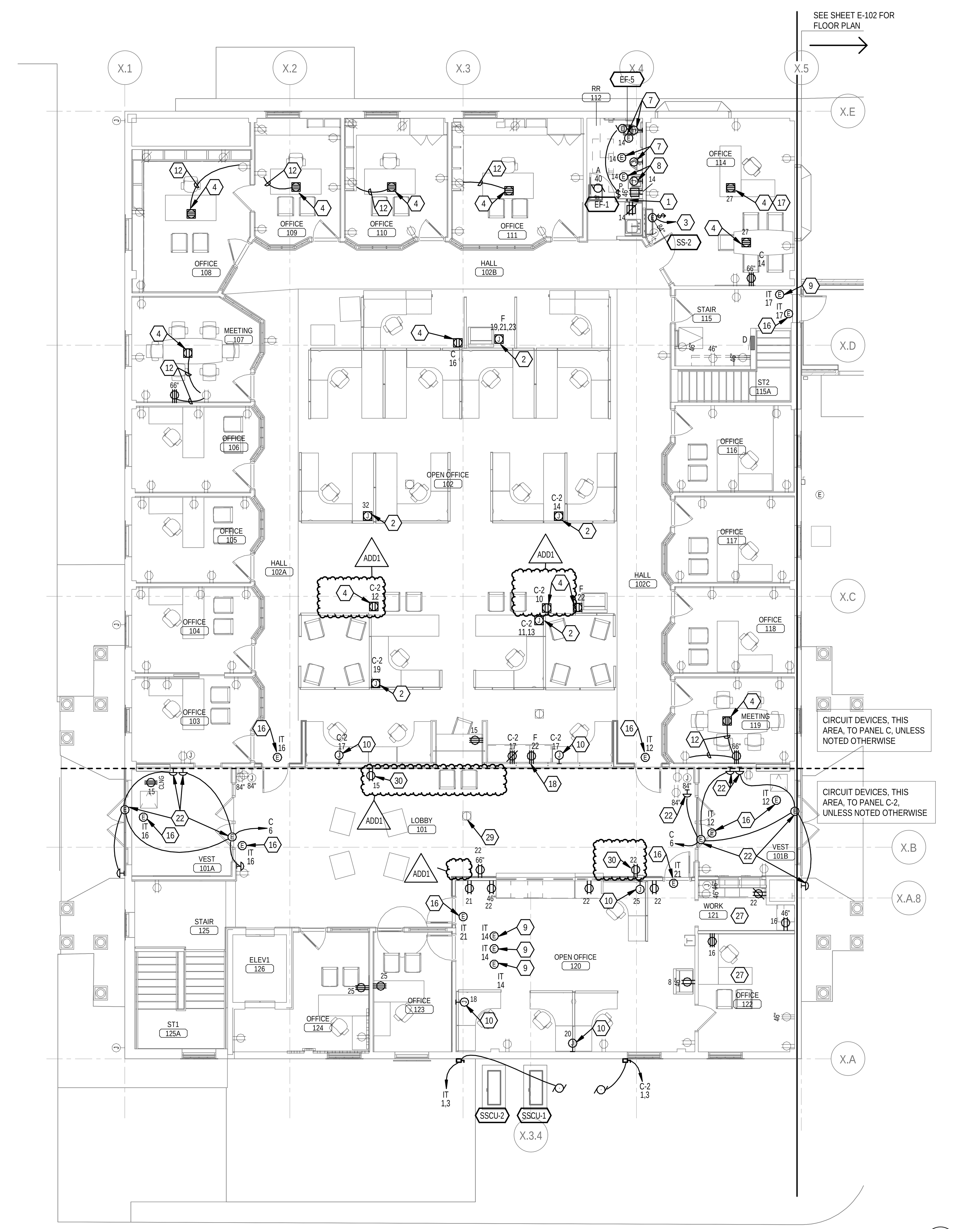
KEYNOTES

14	PROVIDE DUAL-SERVICE POWER POLE TO FEED POWER AND DATA CABLES INTO CASEWORK, TO FEED COUNTER FLIP UP BOXES. COORIDNATE WITH GENERAL CONTRACTOR FOR MOUNTING AND SUPPORT OF POWER POLE AND CUTTING INTO SIDE OF CASEWORK. ROUTE POWER CABLES SURFACE MOUNTED INSIDE OF CABINETRY, NEAR TOP OF CASEWORK TO EXTEND TO COUNTER FLIP UP BOXES.
15	PROVIDE COUNTER FLIP UP BOXES, BASIS OF DESIGN: DQF-F-20-U-BK-2A OR APPROVED EQUAL. PROVIDE SURFACE WIRING BACK TO POWER POLE TO FEED COUNTER BOXES AS SHOWN.
16	PROVIDE POWER CONNECTION TO DOOR HARDWARE'S POWER SUPPLY, MOUNTED ABOVE CEILING. POWER SUPPLY PROVIDED BY DIVISION 8, WIRED BY ELECTRICAL CONTRACTOR.
17	COORDINATE WITH FURNITURE LAYOUT. INSTALL IN CORNER OF DESK.
18	INSTALL OUTLET IN PRINTER NOOK.
19	PROVIDE FLOOR BOX, BASIS OF DESIGN LEGRAND RFB6. PROVIDE TWO DUPLEX OUTLETS AND ONE COMMUNICATION BRACKET FOR DATA OUTLETS. SEE KEYNOTE 6,SHEET ET101 FOR DATA REQUIREMENTS. PROVIDE COVER TYPE FPCTCBK. COORDINATE WITH GENERAL CONTRACTOR FOR CUTTING OF SLAB FOR BOX AND RACEWAY.
20	PROVIDE TELECOMMUNICATION GROUND BAR. SEE GROUNDING DETAIL C1 SHEET E-601.
21	REINSTALL EXISTING METER AND JUNCTION BOX ON EXISTING WALL. EXTEND CONDUCTORS TO NEW LOCATION.
22	PROVIDE SURFACE RACEWAY FROM EXISTING CEILING TO PROVIDE POWER CONNECTION TO ELECTRICAL POWER OPERATED DOORS. BUTTONS AND MOTOR FURNISHED BY DIVISION 8, WIRED BY DIVISION 26. INTERLOCK WITH DOOR CONTROLS. COORDINATE WITH GENERAL CONTRACTOR TO CUT AND PATCH EXISTING CEILING AND PAINT SURFACE RACEWAY, SEE DETAIL B1 SHEET E-601 FOR MORE INFORMATION ON ROUTING OF RACEWAY.
23	EXTEND EXISTING 60 KW DUCT HEATER CIRCUIT TO NEW BREAKER IN MDP.
24	OUTLET FOR DISHWASHER. PROVIDE CORD AND PLUG FOR OWNER PROVIDED DISHWASHER.
25	EXTEND EXISTING PRIVATE CLIENT SERVICES HEAT BANK CIRCUIT TO NEW BREAKER IN MDP.
26	REINSTALL EXISTING 30A, 2 POLE DISCONNECT. EXTEND EXISTING CONDUCTORS TO NEW LOCATION.
27	PROVIDE EXTENDER RINGS AT EXISTING DEVICES IN ROOM FOR NEW WALL GYPSUM BOARD FACE INSTALLATION.
28	PROVIDE POWER CONNECTION TO UPS IN DATA RACK. PROVIDE JUNCTION BOX IN CEILING SPACE AND FLEXIBLE CONDUIT DOWN TO UPS. SECURE CONDUIT TO RACK FRAME WITHOUT IMPEDING THE WORKING SPACE.
29	PROVIDE EXTENDER RING AT FLUSH FLOOR BOX TO ACCOMODATE NEW FLOOR TILE COVERING.
30	DUPLEX RECEPTACLES TO BE INSTALLED CENTERED ON TRIM BETWEEN PT4 WALL PANELS. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.

ADD1



A1 LOWER LEVEL POWER PLAN
SCALE: 1/8" = 1'-0"



A3 FIRST LEVEL POWER PLAN
SCALE: 1/8" = 1'-0"

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Architecture
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PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL

WATERTOWN, SD

ISSUES

ISSUE	DATE	DESCRIPTION
ADD1	03/05/2024	ADDENDUM 1

ISSUE DATE	DRAWN BY
02/23/2024	CRN
PROJECT #	CHECKED BY
09201051	CRN

SHEET TITLE

POWER PLANS

SHEET NUMBER

EP101

CONSTRUCTION DOCUMENTS

TECHNOLOGY GENERAL NOTES

A	FOR NEW DEVICES SHOWN ON EXISTING WALLS, UNLESS NOTED OTHERWISE, PROVIDE REMODELER BOXES AND USE FISH LOW-VOLTAGE CABLES AS SPECIFIED IN WALL CAVITY TO LOWER LEVEL CEILING SPACE. SECURE FISH TAPE FOR FUTURE CABLE ROUTING.
C.	THE FOLLOWING SYSTEMS WILL HAVE THE CABLING AND DEVICES PROVIDED BY OWNER: DATA, VIDEO SURVEILLANCE, CARD ACCESS, AND AV SYSTEMS.

KEYNOTES

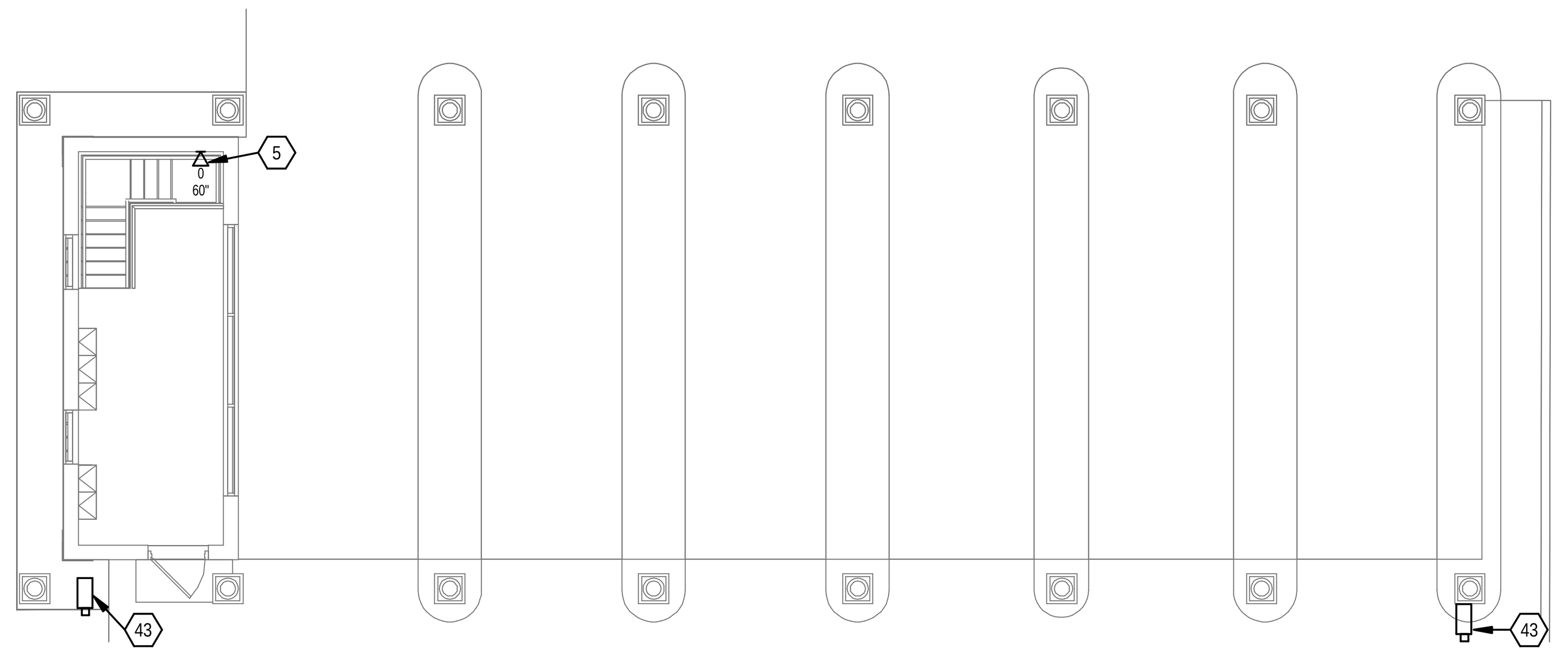
1	TELECOM UTILITY CONDUITS. PROVIDE FIVE 2" CONDUITS STUBBED OUT OF EXISTING BASEMENT CEILING SPACE TO EASEMENT. FOR NEW INTERNET, PHONE, AND CABLE TV LINES BY OWNER. LABEL CONDUITS AND PROVIDE PULL STRING IN CONDUIT.
2	INSTALL RELOCATED SPEAKER, RETERMINATE EXISTING CABLE TO NEW SPEAKER LOCATION.
3	DATA RACKS SHOWN FOR REFERENCE ONLY. PROVIDED BY OWNER.
4	PROVIDE LADDER RACK IN ROOM AS SHOWN.
5	PROVIDE A 4 11/16" SQUARE, 2 1/8" DEEP BACKBOX WITH A SINGLE GANG MUD RING. PROVIDE ONE 1 1/4" CONDUIT ROUTED TO ABOVE LOWER LEVEL ACCESSIBLE CEILING. PROVIDE INSULATED BUSHINGS ON BOTH ENDS. DATA CABLING PROVIDED BY OWNER. TYPICAL FOR DATA OUTLET UNLESS NOTED OTHERWISE.
6	FLOOR BOX, SEE KEYNOTE 19 SHEET EP101 FOR FLOOR BOX INFORMATION. PROVIDE ONE 1 1/4" CONDUIT ROUTED UP TO ABOVE ACCESSIBLE CEILING. DATA CABLING PROVIDED BY OWNER. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT.
7	AV FLOOR BOX OUTLET. AV OUTLET, CABLING, ETC. PROVIDED BY OWNER. COORDINATE FOR FACEPLATE REQUIREMENTS IN FLOOR BOX.
8	DOOR RELEASE PUSH BUTTON ROUGH-IN. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED AT 3'-0" AFF. PROVIDE 1/2" CONDUIT FROM BACKBOX ROUTED TO ABOVE ACCESSIBLE CEILING IN OPEN OFFICE 120. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT AND LABEL. PUSH BUTTONS AND CABLING PROVIDED BY OWNER.
9	PROVIDE HEAT DETECTOR COVERAGE IN ENTIRE FIRST LEVEL ATTIC SPACE.
10	AV OUTLET. PROVIDE A 4 11/16" SQUARE, 3" DEEP BACKBOX WITH A SINGLE GANG MUD RING. PROVIDE ONE 1 1/2" CONDUIT ROUTED TO ABOVE LOWER LEVEL ACCESSIBLE CEILING. PROVIDE INSULATED BUSHINGS ON BOTH ENDS OF CONDUIT. AV OUTLET, CABLING, ETC. PROVIDED BY OWNER.
11	POKE-THRU FLOORBOX, SEE KEYNOTE 2 SHEET EP101 FOR MORE INFORMATION. PROVIDE SURFACE CONDUIT FROM FLOOR BOX COVER TO SYSTEMS FURNITURE TO ROUTE DATA CABLES TO SYSTEMS FURNITURE. INSTALLATION SHALL MEET CITY INSPECTOR APPROVAL. DATA CABLING BY OWNER.
12	WAP SHOWN FOR REFERENCE ONLY. WAP AND CABLING PROVIDED BY OWNER. TYPICAL.
13	REINSTALL EXISTING SPEAKER IN NEW CEILING.
14	PROVIDE FLUSH MOUNTED 4 11/16" SQUARE, 2 1/8" DEEP JUNCTION BOX WITH A SURFACE MOUNTED JUNCTION BOX COVER OPENING. PROVIDE FLEXIBLE CONDUIT TO FURNITURE SYSTEM. BOX AND CONDUIT FOR ROUTING OF DATA CABLES TO DATA OUTLET(S) IN FURNITURE SYSTEM. PROVIDE 1 1/4" CONDUIT FROM JUNCTION BOX TO ABOVE ACCESSIBLE CEILING. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT. FURNITURE SYSTEM PROVIDED BY OWNER. COORDINATE WITH FURNITURE SUPPLIER ON ROUGH-IN REQUIREMENTS PRIOR TO ROUGH-IN. INSTALLATION SHALL MEET CITY INSPECTOR APPROVAL. DATA CABLING BY OWNER.
15	SYSTEMS FURNITURE DATA CABLING PROVIDED BY OWNER.
16	COORDINATE WITH GENERAL CONTRACTOR TO CUT AND PATCH THE EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW DEVICE. APS PROVIDED BY OWNER. FIRE ALARM DEVICES PROVIDED BY DIVISION 28.
17	PROVIDE ONE 1 1/4" CONDUIT BETWEEN JUNCTION BOXES FOR ROUTING OF AV CABLING. PROVIDE BUSHINGS ON BOTH ENDS. CONDUIT FOR PATHWAY OF AV CABLING. AV CABLING PROVIDED BY OWNER.

KEYNOTES

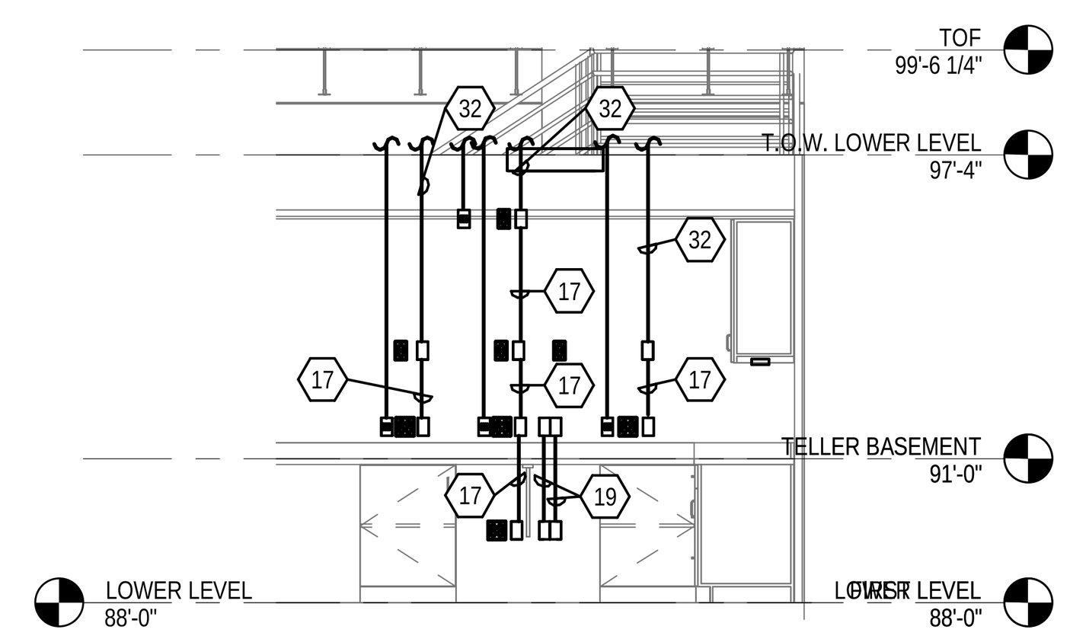
18	PROVIDE WEATHERHEAD MOUNTED ON EXISTING ROOF, AT HIGHEST PEAK. INSTALL WEATHERHEAD AT END OF CONDUIT. PROVIDE WEATHERHEAD WITH CAPACITY FOR TWO CABLE ENTRY HOLES. WEATHER SEAL PENETRATION THROUGH ROOF. PROVIDE ONE 2" CONDUIT FROM CHASE AREA (KEYNOTE 36 THIS SHEEET) TO WEATHERHEAD FOR WAP CABLING. WAP AND DATA CABLING PROVIDED BY OWNER AND MOUNTED ON ROOF.
19	PROVIDE TWO 1 1/4" CONDUITS BETWEEN DOUBLE GANG BACK BOXES. DATA CABLING PROVIDED BY OWNER.
20	PROVIDE TAMPER AND FLOW SWITCHES FOR FIRE PROTECTION SPRINKLER SYSTEM. TIE SWITCHES INTO FIRE ALARM SYSTEM. COORDINATE WITH FIRE SPRINKLER CONTRACTOR.
21	PROVIDE A 4 11/16" SQUARE, 2 1/8" DEEP BACKBOX WITH A SINGLE GANG MUD RING. PROVIDE ONE 1" CONDUIT ROUTED TO ABOVE LOWER LEVEL ACCESSIBLE CEILING. PROVIDE INSULATED BUSHINGS ON BOTH ENDS. TV OUTLET AND CABLING BY OWNER. TYPICAL UNLESS NOTED OTHERWISE.
22	SMOKE DETECTOR LOCATED IN ELEVATOR LOBBY. INTERLOCK WITH EXISTING ELEVATOR CONTROLS FOR RECALL FUNCTION.
23	PROVIDE SMOKE DETECTOR AND COMBINATION THERMAL DETECTOR: 135 DEGREE F FIXED AND RATE OF RISE. LOCATE HEAT DETECTOR WITHIN 24" OF EACH SPRINKLER HEAD SERVING THE ELEVATOR SHAFT SEE SPECIFICATIONS FOR CONTROLS RELATING TO THESE SMOKE AND HEAT DETECTORS.
24	PROVIDE SMOKE DETECTOR AND COMBINATION THERMAL DETECTOR: 135 DEGREE F FIXED AND RATE OF RISE. LOCATE DETECTORS IN THE EXISTING ELEVATOR EQUIPMENT ROOM. SEE SPECIFICATIONS FOR CONTROLS RELATING TO THESE SMOKE AND HEAT DETECTORS.
25	FIRE SPRINKLER FLOW AND TAMPER SWITCH SERVING THE EXISTING ELEVATOR SHAFT AND EQUIPMENT ROOM BY FIRE SPRINKLER CONTRACTOR. DIVISION 26 TO CONNECT PER ELEVATOR SHUT-DOWN DETAIL D2 SHEET E-601.
26	PROVIDE DEDICATED ANALOG PHONE LINE TO EXISTING ELEVATOR CAB EMERGENCY TELEPHONE.
27	POKE THRU FLOOR BOX, SEE KEYNOTE 4 SHEET EP101 FOR FLOOR BOX INFORMATION. DATA AND AV CABLING PROVIDED BY OWNER. COORDINATE WITH OWNER ON ANY AV FACEPLATE/OUTLET REQUIREMENTS.
28	EXISTING BACKBOX AND CONDUIT FOR REFERENCE. DATA CABLING PROVIDED BY OWNER.
29	PROVIDE ONE 1 1/2" CONDUIT BETWEEN AV COMPARTMENTS IN FLOOR BOXES, AND BETWEEN FLOOR BOX TO WALL DATA BACKBOX AS SHOWN FOR ROUTING OF AV CABLES. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT. AV CABLING PROVIDED BY OWNER.
30	PROVIDE TWO 2" CONDUITS IN APPROXIMATE LOCATION SHOWN FOR ROUTING OF DATA CABLES TO ADDITION CEILING SPACE TO FEED DATA CABLES. ONE CONDUIT ROUTES TO ATTIC SPACE. SECOND CONDUIT ROUTES UP NEW WALL AND IN FIRST LEVEL CEILING SPACE TO STAIR 115. THEN ROUTE THROUGH HALL 156 CEILING SPACE. DATA AND FIBER CABLING BY OWNER.
31	PROVIDE A 4 11/16" SQUARE, 2 1/8" DEEP BACKBOX WITH A SINGLE GANG MUD RING. BACKBOX FOR ROUTING OF AV CABLES. SEE KEYNOTE 17 ELEVATION D3, THIS SHEET, FOR CONDUIT REQUIREMENTS.
32	PROVIDE ONE 1 1/4" CONDUIT FROM JUNCTION BOX AND ROUTE TO ABOVE ACCESSIBLE CEILING. PROVIDE BUSHINGS ON BOTH ENDS. AV CABLING PROVIDED BY OWNER.

KEYNOTES

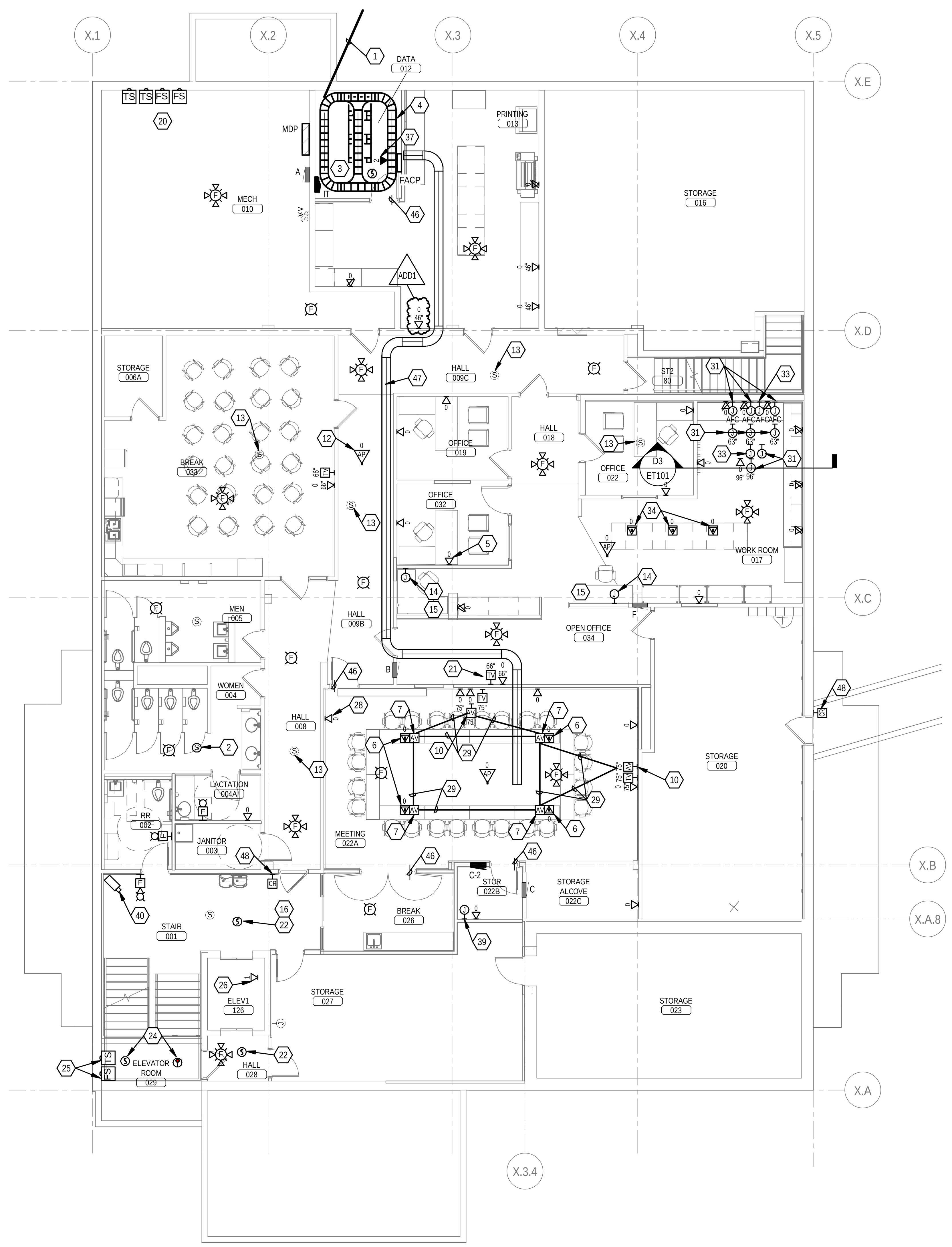
33	PROVIDE A DOUBLE GANG, 2 1/8" DEEP BACKBOX WITH A SINGLE GANG MUD RING. SEE KEYNOTE 19 ELEVATION D3, THIS SHEET, FOR MORE CONDUIT REQUIREMENTS. DATA CABLING PROVIDED BY OWNER.
34	COUNTER FLIP-UP BOX, SEE KEYNOTE 15 SHEET EP101 FOR BOX INFORMATION. DATA CABLING PROVIDED BY OWNER.
35	HDMI OUTLET. PROVIDE A 4 11/16" SQUARE, 3" DEEP BACKBOX WITH A SINGLE GANG MUD RING. PROVIDE ONE 1 1/2" CONDUIT ROUTED TO ABOVE LOWER LEVEL ACCESSIBLE CEILING. PROVIDE INSULATED BUSHINGS ON BOTH ENDS OF CONDUIT. AV OUTLETS AND CABLING BY OWNER.
36	PROVIDE TWO 2" CONDUITS FROM ABOVE ACCESSIBLE CEILING OF OPEN OFFICE 120 TO CHASE. FOR ROUTING OF DATA CABLES IN FIRST LEVEL CEILING SPACE TO LOWER LEVEL CEILING SPACE.
37	PROVIDE DEDICATED ANALOG PHONE LINE CABLES TO FACP.
38	PROVIDE SINGLE GANG WEATHERPROOF BACKBOX WITH CONDUIT STUBBED INTO WALL CAVITY. CARD READER AND ACCESS CONTROL CABLING PROVIDED BY OWNER.
39	PROVIDE A 4 11/16" SQUARE, 2 1/8" DEEP BACKBOX WITH A SINGLE GANG MUD RING. PROVIDE ONE 1 1/4" CONDUIT ROUTED TO ABOVE LOWER LEVEL ACCESSIBLE CEILING. PROVIDE INSULATED BUSHINGS ON BOTH ENDS OF CONDUIT. BACKBOX AND CONDUIT FOR ROUTING OF AV CABLES TO AV RACK. AV CABLING PROVIDED BY OWNER.
40	INTERIOR SECURITY CAMERA. PROVIDE FLUSH SINGLE GANG BACKBOX IN CEILING AND 1" CONDUIT ROUTED TO NEAREST ACCESSIBLE CEILING LOCATION. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT AND PULL STRING. LABEL CONDUIT. SECURITY CAMERA AND CABLING PROVIDED BY THE OWNER.
41	INTERIOR SECURITY CAMERA. PROVIDE FLUSH SINGLE GANG BACKBOX IN CEILING AND 1" CONDUIT ROUTED TO ACCESSIBLE CEILING LOCATION IN OPEN OFFICE 120. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT AND PULL STRING. LABEL CONDUIT. SECURITY CAMERA AND CABLING PROVIDED BY THE OWNER.
42	EXTERIOR SECURITY CAMERA. PROVIDE SINGLE GANG BACKBOX MOUNTED ON WALL. COORDINATE HEIGHT OF CAMERA WITH OWNER. PROVIDE 1" CONDUIT ROUTED TO ACCESSIBLE CEILING LOCATION IN OPEN OFFICE 120. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT AND PULL STRING. LABEL CONDUIT. SECURITY CAMERA AND CABLING PROVIDED BY THE OWNER.
43	EXTERIOR SECURITY CAMERA. PROVIDE SINGLE GANG BACKBOX MOUNTED IN CANOPY. PROVIDE 1" CONDUIT ROUTED TO ABOVE THE DATA RACK IN STOR 130. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT AND PULL STRING. LABEL CONDUIT. SECURITY CAMERA AND DATA CABLING PROVIDED BY THE OWNER.
44	PROVIDE REMODELER BACKBOX TO REINSTALL VOLUME CONTROL SWITCHES. EXTEND CIRCUITING TO NEW LOCATION.
45	PROVIDE TWO 1/2" CONDUIT FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING IN OPEN OFFICE 120. PROVIDE BUSHINGS ON BOTH ENDS OF CONDUIT. CARD READER AND ACCESS CONTROL CABLING PROVIDED BY OWNER.
46	FOR DOOR SECURITY DEVICES, PROVIDE TWO 1/2" CONDUITS FROM ABOVE ACCESSIBLE CEILING TO DOOR FRAME. ACCESS CONTROL CABLING PROVIDED BY OWNER.
47	PROVIDE 12" CABLE TRAY AS SHOWN. MOUNT CABLE TRAY 6" ABOVE CEILING.
48	PROVIDE REMODELER BACKBOX TO MOUNT CARD READER TO. CARD READER AND CABLING PROVIDED BY OWNER.



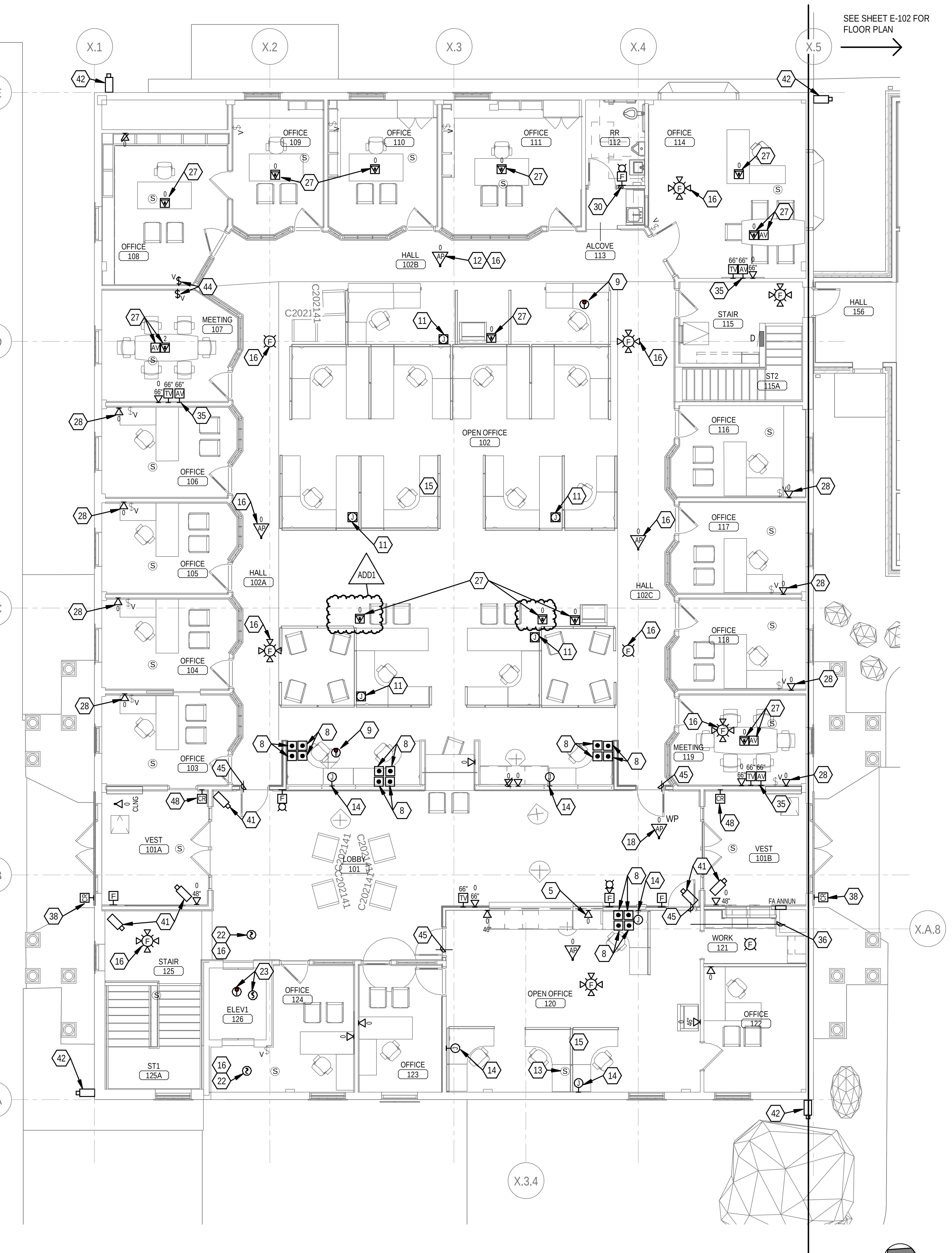
D1 FIRST LEVEL TECHNOLOGY PLAN - TELLER BUILDING
SCALE: 1/8" = 1'-0"



D3 POWER AND TECHNOLOGY ELEVATION - NORTH WORKROOM 016
SCALE: 1/4" = 1'-0"



A1 LOWER LEVEL TECHNOLOGY PLAN
SCALE: 1/8" = 1'-0"



A3 FIRST LEVEL TECHNOLOGY PLAN
SCALE: 1/8" = 1'-0"

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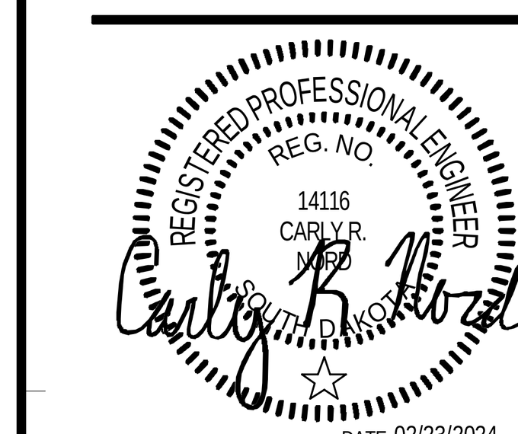

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ADD1	03/05/2024	ADDENDUM 1
ISSUE	DATE	DESCRIPTION

ISSUE DATE: 02/23/2024
DRAWN BY: CRN
PROJECT #: 09201051
CHECKED BY: CRN

SHEET TITLE
TECHNOLOGY PLANS

CONSTRUCTION DOCUMENTS

SHEET NUMBER
ET101

DISTRIBUTION PANEL: MDP

LOCATION: MECH 010 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MAIN DEVICE: 1200 A MAIN CIRCUIT BREAKER **A.I.C. RATING:** 22,400 AMPS SYMMETRICAL
BUS AMPS: 1200 AMPS **SPECIAL:** SERVICE ENTRANCE RATED BREAKER; SURGE PROTECTIVE DEVICE; ERMS

CKT	FRAME	POLES	RATING	Load	DESCRIPTION/NAMEPLATE	NOTES
1	0 A	3	0 A	183.4 kVA	EXISTING DEMAND	1
2	100 A	3	100 A	5.7 kVA	EXISTING PANEL IN CHECK PROCESSING ROOM	
3	225 A	3	225 A	0.0 kVA	EXISTING CONDENSING UNIT	
4	100 A	3	100 A	0.0 kVA	EXISTING ELEVATOR	2
5	250 A	3	250 A	0.0 kVA	EXISTING DUCT HEATER	
6	100 A	3	100 A	3.4 kVA	EXISTING PANEL A	
7	100 A	3	100 A	7.7 kVA	EXISTING PANEL B	
8	100 A	3	100 A	7.3 kVA	EXISTING PANEL C	
9	100 A	3	100 A	0.0 kVA	EXISTING PANEL D	
10	100 A	3	100 A	1.9 kVA	EXISTING PANEL E	
11	225 A	3	225 A	18.9 kVA	PANEL C-2	
12	225 A	3	225 A	52.4 kVA	PANEL G	
13	600 A	3	600 A	30.5 kVA	PANEL H	
14	60 A	3	100 A	0.0 kVA	EXISTING DUCT HEATER	
15	100 A	3	400 A	0.0 kVA	SPARE PREPARED SPACE	

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	3744 VA	100.00%	3744 VA		
REC	54557 VA	59.16%	32279 VA		
LTG	7461 VA	125.00%	9326 VA		
SPEC	205578 VA	102.22%	210150 VA		
Lighting	384 VA	125.00%	480 VA	CONN. LOAD:	301829 VA
MTR	36139 VA	113.21%	40912 VA	EST. DEMAND LOAD:	290700 VA
				CONN. CURRENT:	838 A
				EST. DEMAND CURRENT:	807 A

NOTES:
1. THIS DOES NOT REPRESENT AN EXISTING BREAKER, THE LINE IS SHOWN ONLY TO SHOW EXISTING DEMAND.
2. PROVIDE SHUNT TRIP CIRCUIT BREAKER IN MDP. PROVIDE BREAKER WITH AUXILIARY CONTACT FOR CONNECTION TO EMERGENCY RETURN SYSTEM INTERLOCK CIRCUIT TO SHUT DOWN ELEVATOR PER SPECIFICATIONS 28 31 00.

EXISTING PANELBOARD: D

LOCATION: STAIR 115 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION
EXIST. LTG OPEN OFFICE	20 A	1	1	0.0	0.0					2	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG OPEN OFFICE	20 A	1	3			0.0	0.0			4	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG OPEN OFFICE	20 A	1	5					0.0	0.0	6	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG OPEN OFFICE	20 A	1	7	0.0	0.0					8	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG OPEN OFFICE	20 A	1	9			0.0	0.0			10	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG OPEN OFFICE	20 A	1	11					0.0	0.0	12	1	20 A	EXIST. LTG OPEN OFFICE
EXIST. LTG EAST OFFICE	20 A	1	13	0.0	0.0					14	1	20 A	EXIST. HALL REC
EXIST. LTG BOARD ROOM	20 A	1	15			0.0	0.0			16	1	20 A	EXIST. HALL REC
EXIST. LTG HALLWAY	20 A	1	17					0.0	0.0	18	1	20 A	EXIST. BOARD ROOM REC
EX. NGHT LGHTS OPEN OFF	20 A	1	19	0.0	0.0					20	1	20 A	EXIST. BOARD ROOM REC
EX. NGHT LGHTS OPEN OFF	20 A	1	21			0.0	0.0			22	1	20 A	EXIST. BOARD ROOM REC
EXIST. FLAG LIGHT	20 A	1	23					0.0	0.0	24	1	20 A	EXIST. EAST OFFICE REC
EXIST. ATTIC LIGHT	20 A	1	25	0.0	0.0					26	1	20 A	EXIST. EAST OFFICE REC
EXIST. ROOF HEAT TAPE	20 A	1	27			0.0	0.0			28	1	20 A	EXIST. EAST OFFICE REC
EXIST. ROOF HEAT TAPE	20 A	1	29					0.0	0.0	30	1	20 A	EXIST. EAST OFFICE REC
EXIST. REC INSTANT CASH	20 A	1	31	0.0	0.0					32	1	20 A	EXIST. ROOF HEAT TAPE
EXIST. HEAT - INSTANT CASH	20 A	2	33			0.0	--			34	1	--	EXIST. SPACE
			35					0.0	0.0	36	1	20 A	EXIST. ROOF HEAT TAPE
EXIST. SPACE	--	1	37	--	0.0					38	1	20 A	EXIST. ROOF HEAT TAPE
EXIST. SPACE	--	1	39			--	--			40	1	--	EXIST. SPACE
EXIST. SPACE	--	1	41					--	0.0	42	1	20 A	EXIST. ENTRY SIGNS
		TOTAL LOAD:		0 kVA		0 kVA		0 kVA					
		TOTAL AMPS:		0 A		0 A		0 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
				CONNECTED LOAD:	0 VA
				ESTIMATED DEMAND:	0 VA
				CONNECTED CURRENT:	0 A
				EST. DEMAND CURRENT:	0 A

NEW PANELBOARD: G

LOCATION: MECH/ELEC 159 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:** BASE BID: DO NOT PROVIDE PANEL. ALTERNATE #4: PROVIDE PANEL AS SCHEDULED
BUS AMPS: 225 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
	LTG - MEETING 153	20 A	1	1	1.3	0.7					2	1	20 A	LTG - 151-2, 154-63	
	LTG - 153-155	20 A	1	3			1.0	0.5			4	1	20 A	REC - 159 - 161	
	PRV-1, REC - 156-157, EXT	20 A	1	5					1.1	6.4	6	3	70 A	RTU-1	
	REC MEETING 154	20 A	1	7	1.1	6.4					8				
	REC ROOM 154, 155, 158	20 A	1	9			1.1	6.4			10				
	REC	20 A	1	11					0.4	1.2	12	1	20 A	REC LOBBY 151	
	RCP-1; REC - 162-3	20 A	1	13	0.6	0.7					14	1	20 A	REC IT CONTROL 152	
	IT CONTROL 152	20 A	1	15			0.9	0.5			16	1	20 A	REC 153 CHAMBER TABLE	
	REC 153 CHAMBER TABLE	20 A	1	17					0.5	0.9	18	1	20 A	REC MEETING 153	
	REC 153 W STAFF TABLE	20 A	1	19	0.5	0.9					20	1	20 A	REC MEETING 153	
	REC 153 PRESENT TABLE	20 A	1	21			0.4	0.7			22	1	20 A	REC MEETING 153	
	REC MEETING 153	20 A	1	23					0.4	1.0	24	1	15 A	RCP-1	
	EUH-1	25 A	3	25	2.6	2.0					26	3	25 A	WH-1	
				27			2.6	2.0			28				
				29					2.6	2.0	30				
	SSCU-3, SS-3	25 A	2	31	1.1	0.5					32	1	20 A	REC - CANOPY	1
				33			1.1	0.5			34	1	20 A	REC - CANOPY	1
	SPARE	20 A	1	35					0.0	0.5	36	1	20 A	REC 153 E STAFF TABLE	
	SPARE	20 A	1	37	0.0	--					38	1	--	SPACE	
	SPARE	20 A	1	39			0.0	--			40	1	--	SPACE	
	SPARE	20 A	1	41					0.0	--	42	1	--	SPACE	
	SPARE	20 A	1	43	0.0	--					44	1	--	SPACE	
	SPARE	20 A	1	45			0.0	--			46	1	--	SPACE	
	SPARE	20 A	1	47					0.0	--	48	1	--	SPACE	
	SPARE	20 A	1	49	0.0	--					50	1	--	SPACE	
	SPARE	20 A	1	51			0.0	--			52	1	--	SPACE	
	SPARE	20 A	1	53					0.0	--	54	1	--	SPACE	
		TOTAL LOAD:			18 kVA		18 kVA		17 kVA						
		TOTAL AMPS:			153 A		148 A		138 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
REC	13320 VA	87.54%	11660 VA		
LTG	2642 VA	125.00%	3303 VA	CONNECTED LOAD:	52400 VA
SPEC	7184 VA	102.43%	7358 VA	ESTIMATED DEMAND:	56352 VA
Lighting	320 VA	125.00%	400 VA	CONNECTED CURRENT:	145 A
MTR	29392 VA	116.24%	34165 VA	EST. DEMAND CURRENT:	156 A

NOTES (N):
1. GROUND FAULT PROTECTION 30 mA.

EXISTING PANELBOARD: A

LOCATION: MECH 010 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
1	REC BREAK 006 MICRO	20 A	1	1	0.2	0.0					2	1	20 A	EXIST. LTG 1ST LVL OFFICES	
	EXIST. REC - BREAK	20 A	1	3			0.0	0.0			4	1	20 A	EXIST. LTG 1ST LVL OFFICES	
	EXIST. REC - BREAK	20 A	1	5					0.0	0.0	6	1	20 A	EXIST. LTG 1ST LVL OFFICES	
1	REC BREAK 006 MICRO	20 A	1	7	0.2	0.0					8	1	20 A	EXIST. REC 1ST LVL OFFICES	
1	REC BRK 006 FRIDGE, CNTR	20 A	1	9			0.4	0.0			10	1	20 A	EXIST. KITCHEN UNIT	
1	REC BREAK 006 COUNTER	20 A	1	11					0.4	0.0	12	1	20 A	EXIST. REC 1ST LVL OFFICES	
1	REC BREAK 006 COUNTER	20 A	1	13	0.2	0.0					14	1	20 A	EXIST. LOAD	
1	REC BREAK 006 COUNTER	20 A	1	15			0.2	0.0			16	1	20 A	EXIST. REC 1ST LVL OFFICES	
	EXIST. CIRC PUMP	20 A	1	17					0.0	0.0	18	1	20 A	EXIST. REC 1ST LVL OFFICES	
	EXIST. REC - W MECH ROOM	20 A	1	19	0.0	0.0					20	1	20 A	EXIST. REC 1ST LVL OFFICES	
	EXIST. EXT LTG CONTROLS	20 A	1	21			0.0	0.0			22	1	20 A	EXIST. REC 1ST LVL OFFICES	
	EXIST. HOT WATER HEATER	30 A	2	23					0.0	0.0	24	1	20 A	EXIST. REC 1ST LVL OFFICES	
				25	0.0	0.0					26	1	20 A	EXIST. SIGN LIGHT	
	EXIST. LTG - MECH ROOM	20 A	1	27			0.0	--			28	1	--	EXIST. SPACE	
	EXIST. REC - MECH ROOM	20 A	1	29					0.0	--	30	1	--	EXIST. SPACE	
	EXISTING KITCHEN UNIT	30 A	2	31	0.0	--					32	1	--	EXIST. SPACE	
				33			0.0	0.0			34	1	20 A	EXISTING LOAD	
	EXIST. MECH OUTLET	20 A	1	35					0.0	0.0	36	1	20 A	EXIST. INSTANT CASH SIGN	
	EXIST. INSTANT CASH LTG	20 A	1	37	0.0	0.8					38	1	20 A	SITE LIGHTING S	1
	EXIST. OUTSIDE TERM.	20 A	1	39			0.0	1.1			40	1	20 A	EF-1	1
	EXISTING LOAD	20 A	1	41					0.0	0.0	42	1	20 A	EXISTING LOAD	
		TOTAL LOAD:			1 kVA		2 kVA		0 kVA						
		TOTAL AMPS:			12 A		15 A		3 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
REC	1440 VA	100.00%	1440 VA		
LTG	806 VA	125.00%	1007 VA	CONNECTED LOAD:	3356 VA
MTR	1127 VA	125.00%	1409 VA	ESTIMATED DEMAND:	3836 VA
				CONNECTED CURRENT:	9 A
				EST. DEMAND CURRENT:	11 A

NOTES (N):
1. USE EXISTING BREAKER MADE AVAILABLE BY DEMOLITION TO FEED NEW LOADS AS NOTED.

EXISTING PANELBOARD: E

LOCATION: HALL 031 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MCB **SPECIAL:** MODIFICATIONS/ADDITIONS TO PANEL ONLY TO BE PERFORMED IN ALTERNATE e1.
BUS AMPS: 100 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
	SPARE (DRIVE THRU EQUIP)	30 A	1	1	0.0	0.0					2	1	30 A	SPARE (DRIVE THRU EQUIP)	
1	SPARE (GRG DR RECEPT)	20 A	1	3			0.0	0.0			4	1	30 A	SPARE (DRIVE THRU EQUIP)	
	EXISTING - CANOPY LTG...	20 A	1	5					0.0	0.0	6	1	20 A	SPARE (GRG DR RECEPT)	1
	EXISTING LOAD - HEAT-AC UNIT	30 A	2	7	0.0	0.0					8	2	30 A	SPARE (PREV. ATM MACHINE)	
				9			0.0	0.0			10				
	EXISTING - E ISO GND REC	20 A	1	11					0.0	0.0	12	1	20 A	EXISTING LOAD - CANOPY...	
	EXISTING - BASEMENT LTG	20 A	1	13	0.0	0.0					14	1	20 A	EXISTING -1ST LANE LTG	
	EXISTING - BASEMENT REC	20 A	1	15			0.0	0.8			16	1	15 A	EF-2, EF-3, EF-4	1
	EXISTING - UPSTAIRS LTG	20 A	1	17					0.0	0.0	18	1	20 A	SPARE (GRG DR RECEPT)	1
1	GDCP-1	20 A	1	19	0.0	0.0					20	1	15 A	EXISTING LOAD - REC W	
	EXISTING LOAD	20 A	1	21			0.0	0.0			22	1	20 A	EXISTING LOAD	
	EXISTING LOAD - HEATER & NEW AC UNIT	20 A	2	23					0.0	0.0	24	1	20 A	EXISTING LOAD - REC TELLER	
				25	0.0	0.0					26	1	20 A	EXISTING LOAD	
	EXISTING - CANOPY LTG...	20 A	1	27			0.0	1.1			28	1	15 A	UH-1, UH-2	1
	EXISTING - CANOPY LTG...	20 A	1	29					0.0	0.0	30	3	60 A	EXISTING LOAD - TUNNEL HEATER	
	EXISTING - EXHAUST FAN	15 A	1	31	0.0	0.0					32				
	EXISTING LOAD - OUTSIDE AC CONDENSER	30 A	2	33			0.0	0.0			34				
				35					0.0	0.0	36	1	20 A	SPARE (GRG DR RECEPT)	1
	EXISTING - EXT. POLE LTG	20 A	1	37	0.0	0.0					38	1	20 A	SPARE (GRG DR RECEPT)	1
	SPARE (SPECIAL OUTLET - BEHIND MECH HEATER?)	60 A	2	39			0.0	0.0			40	1	20 A	SPARE (GRG DR RECEPT)	1
				41					0.0	--	42	1	--	SPACE	
		TOTAL LOAD:			0 kVA		2 kVA		0 kVA						
		TOTAL AMPS:			0 A		16 A		0 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
SPEC	1056 VA	100.00%	1056 VA		
MTR	840 VA	112.86%	948 VA	CONNECTED LOAD:	1896 VA
				ESTIMATED DEMAND:	2004 VA
				CONNECTED CURRENT:	5 A
				EST. DEMAND CURRENT:	6 A

NOTES (N):
1. USE EXISTING BREAKER MADE AVAILABLE BY DEMOLITION TO FEED NEW LOADS AS NOTED.

EXISTING PANELBOARD: C

LOCATION: STORAGE ALCOVE 022C **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
1	REC BREAK 006 CNTR	20 A	1	1	0.2	0.4					2	1	20 A	LTG - 1ST LEVEL SOFFIT 102	1
1	REC - 006-008	20 A	1	3			0.4	0.0			4	1	20 A	EXIST. LTG ENTRY	
1	REC BREAK 006, CNTR	20 A	1	5					0.2	0.5	6	1	20 A	POWERED DOORS	1
	EXIST. SPACE	--	1	7	--	--					8	1	--	EXIST. SPACE	
	EXIST. REC - SAFE DEPOSIT	20 A	1	9			0.0	0.0			10	1	20 A	EXIST. LTG ELEV	
	EXIST. REC - STAFF WRK	20 A	1	11					0.0	0.0	12	1	20 A	EXIST. REC - ENTRY	
	EXIST. REC MACHINE	20 A	1	13	0.0	0.7					14	1	20 A	REC - 112-114	1
	EXIST. REC MACHINE	20 A	1	15			0.0	0.2			16	1	20 A	1ST LEVEL COPIER FLR BOX	1
	EXIST. REC MACHINE	20 A	1	17					0.0	0.8	18	1	20 A	LTG - 011-017	1
	EXIST. REC MACHINE	20 A	1	19	0.0	1.1					20	1	20 A	LTG - 002-9, 018-9, 021,021A	1
	EXIST. VAULT SECURITY	20 A	1	21			0.0	1.0			22	1	20 A	LTG - 023, 027-028	1
	EXIST. ELEV RM HEATER	20 A	1	23					0.0	0.0	24	1	20 A	EXIST. MONITOR CAB	
	EXIST. VAULT HEATER	20 A	1	25	0.0	0.0					26	1	20 A	EXIST. LOAD	
1	REC MEETING 114 FLRBXS	20 A	1	27			0.7	0.0			28	1	20 A	EXIST. LOAD	
	EXIST. LOAD	20 A	1	29					0.0	0.0	30	1	20 A	EXIST. LOAD	
1	LTG - 020, 022A-C	20 A	1	31	0.8	0.5					32	1	20 A	1ST LEVEL SYS FURN	
	EXIST. FED LINK	20 A	1	33			0.0	--			34	1	--	SPACE	
	EXIST. COMPUTER CRT	20 A	1	35					0.0	0.0	36	2	20 A	SPARE	
	EXIST. SPARE	20 A	1	37	0.0	0.0					38				
	EXIST. SPACE	--	1	39			--	--			40	1	--	EXIST. SPACE	
	EXIST. SPACE	--	1	41					--	--	42	1	--	EXIST. SPACE	
		TOTAL LOAD:			4 kVA		2 kVA		1 kVA						
		TOTAL AMPS:			31 A		20 A		12 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	0 VA	0.00%	0 VA		
REC	2820 VA	100.00%	2820 VA	CONNECTED LOAD:	7292 VA
LTG	4039 VA	125.00%	5049 VA	ESTIMATED DEMAND:	8307 VA
SPEC	480 VA	100.00%	480 VA	CONNECTED CURRENT:	20 A
Lighting	64 VA	125.00%	80 VA	EST. DEMAND CURRENT:	23 A

NOTES (N):
1. USE EXISTING BREAKER WITH THE CIRCUIT DEMOLISHED DURING DEMOLITION TO FEED NEW LOADS AS NOTED.

EXISTING PANELBOARD: B

LOCATION: OPEN OFFICE 034 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
1	REC WORK ROOM 016	20 A	1	1	0.7	0.0					2	1	20 A	EXISTING REC	
1	REC 016, CNTR BOXES	20 A	1	3			0.9	0.0			4	1	20 A	EXISTING REC	
	EXISTING REC	20 A	1	5					0.0	0.0	6	1	20 A	EXISTING REC	
	EXISTING REC	20 A	1	7	0.0	0.0					8	1	20 A	EXISTING REC	
1	REC LACTATION 004A	20 A	1	9			0.4	0.0			10	1	20 A	EXISTING LOAD	
1	REC PRINTING 013 COPIER (ADD1)	20 A	1	11					0.2	0.0	12	1	20 A	EXISTING LOAD	
	EXISTING LOAD	20 A	1	13	0.0	0.0					14	1	20 A	EXISTING LOAD	
	EXIST REC	20 A	1	15			0.0	--			16	1	--	EXIST. SPACE	
	SPARE (FROM DEMOLITION)	20 A	1	17					0.0	--	18	1	--	EXIST. SPACE	
	EXISTING REC	20 A	1	19	0.0	--					20	1	--	EXIST. SPACE	
1	REC ROOM 015, 016	20 A	1	21			0.9	--			22	1	--	EXIST. SPACE	
1	REC OPEN OFFICE 011	20 A	1	23					0.9	--	24	1	--	EXIST. SPACE	
1	REC ROOM 011, 016	20 A	1	25	0.5	--					26	1	--	EXIST. SPACE	
	EXISTING REC	20 A	1	27			0.0	--			28	1	--	EXIST. SPACE	
	EXISTING REC	20 A	1	29					0.0	--	30	1	--	EXIST. SPACE	
1	REC WORK ROOM 016	20 A	1	31	1.1	--					32	1	--	EXIST. SPACE	
1	REC WORK ROOM 016	20 A	1	33			1.1	--			34	1	--	EXIST. SPACE	
1	REC WORK ROOM 016	20 A	1	35					1.1	--	36	1	--	EXIST. SPACE	
1	BAS	20 A	1	37	0.0	--					38	1	--	EXIST. SPACE	
	EXISTING REC	20 A	1	39			0.0	--			40	1	--	EXIST. SPACE	
	EXISTING REC	20 A	1	41					0.0	--	42	1	--	EXIST. SPACE	
		TOTAL LOAD:			2 kVA		3 kVA		2 kVA						
		TOTAL AMPS:			20 A		27 A		18 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
REC	7740 VA	100.00%	7740 VA		
SPEC	0 VA	0.00%	0 VA	CONNECTED LOAD:	7740 VA
				ESTIMATED DEMAND:	7740 VA
				CONNECTED CURRENT:	21 A
				EST. DEMAND CURRENT:	21 A

NOTES (N):
1. USE EXISTING BREAKER MADE AVAILABLE BY DEMOLITION TO FEED NEW LOADS AS NOTED.

EXISTING PANELBOARD: F

LOCATION: OPEN OFFICE 034 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 150 A MLO **SPECIAL:** EXISTING I-T-E LOAD CENTER PANEL
BUS AMPS: 150 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
	EXIST. REC S WALL	20 A	1	1	0.0	0.0					2	1	20 A	EXISTING REC EAST RECEPT	
	EXIST. BASEMENT CRT	20 A	1	3			0.0	0.0			4	1	20 A	EXISTING REC EAST RECEPT	
	EXIST. REC NE CORNER...	20 A	1	5					0.0	0.0	6	2	15 A	EXISTING SPARE	
	EXIST. REC BELOW PANEL	20 A	1	7	0.0	0.0					8				
	EXIST. INSTANT CASH	20 A	1	9			0.0	0.2			10	1	20 A	REC PRINTING 017	1
	EXIST. OFFICE HEAT	20 A	1	11					0.0	0.0	12	1	20 A	EXISTING MODEM	
	EXIST. OFFICE REC/LTG	20 A	1	13	0.0	0.0					14	1	20 A	EXISTING RECEP E. WALL	
	EXIST. OFFICE COPY MACH	20 A	1	15			0.0	0.0			16	2	20 A	EXISTING PRIVATE CLIENT SERVICES AIR HANDLER	
1	REC PRINTING 017	20 A	1	17					0.9	0.0	18				
1	1ST LEVEL SYS FURN	20 A	3	19	3.7	0.2					20	1	20 A	REC OPEN OFFICE 021	1
				21			0.0	0.5			22	1	20 A	REC OP OFF 102 PRINTERS	1
				23					0.0	0.2	24	1	20 A	REC PRINTING 017	1
		TOTAL LOAD:			4 kVA		1 kVA		1 kVA						
		TOTAL AMPS:			33 A		6 A		9 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	3744 VA	100.00%	3744 VA		
REC	1980 VA	100.00%	1980 VA	CONNECTED LOAD:	5724 VA
				ESTIMATED DEMAND:	5724 VA
				CONNECTED CURRENT:	16 A
				EST. DEMAND CURRENT:	16 A

NOTES (N):
1. PROVIDE NEW BREAKER IN EXISTING PANEL. MATCH PANELBOARD CHARACTERISTICS.

DISTRIBUTION PANEL: H

LOCATION: MECH 010 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MAIN DEVICE: 600 A MAIN LUG ONLY **A.I.C. RATING:** 20,000 AMPS SYMMETRICAL
BUS AMPS: 600 AMPS **SPECIAL:**

CKT	FRAME	POLES	RATING	Load	DESCRIPTION/NAMEPLATE	NOTES
1	60 A	3	60 A	0.0 kVA	EXISTING PRIVATE CLIENT SERVICES HEAT BANK.	
2	30 A	3	30 A	0.0 kVA	EXISTING WEST LOBBY HEATER	
3	30 A	3	30 A	0.0 kVA	EXISTING EAST LOBBY HEATER	
4	30 A	3	30 A	0.0 kVA	EXHAUST FAN	
5	30 A	3	30 A	0.0 kVA	EXISTING AHU 1	
6	60 A	3	60 A	0.0 kVA	EXISTING AHU 2	
7	60 A	3	60 A	0.0 kVA	EXISTING LOAD	
8	100 A	3	100 A	30.5 kVA	MTS-IT/PANEL IT	
9	100 A	3	100 A	0.0 kVA	EXISTING BASEMENT DUCT HEATER	
10	100 A	3	100 A	0.0 kVA	EXISTING PRIVATE CLIENT SERVICES AIR CONDITIONER	
11	200 A	3	200 A	0.0 kVA	SPARE	
12	100 A	3	100 A	0.0 kVA	SPARE BREAKER	
13	100 A	3	100 A	0.0 kVA	SPARE BREAKER	
14	100 A	3	400 A	0.0 kVA	SPARE PREPARED SPACE	

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	0 VA	0.00%	0 VA		
REC	12263 VA	90.77%	11131 VA		
SPEC	17040 VA	100.00%	17040 VA		
MTR	2288 VA	125.00%	2860 VA		
				CONN. LOAD:	30475 VA
				EST. DEMAND LOAD:	29970 VA
				CONN. CURRENT:	85 A
				EST. DEMAND CURRENT:	83 A

NOTES:

NEW PANELBOARD: C-2

LOCATION: STOR 022B **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED TYPE 1 **A.I.C. RATING:** 11,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
	SSCU-2, SS-2	25 A	2	1	1.1	0.2					2	1	20 A	REC - EWC	1
				3			1.1	0.4			4	1	20 A	REC WORK ROOM 017	
	REC OFFICE 032	20 A	1	5					1.1	0.4	6	1	20 A	REC MEETING 022A FLR BXES	
	REC MEETING 022A	20 A	1	7	0.4	1.2					8	1	20 A	REC WORK 121 COPIER	
	REC MEETING 022A	20 A	1	9			0.4	0.2			10	1	20 A	1ST LEVEL COPIER FLR BOX	
	SYS FURN OPEN OFFICE 120	20 A	2	11					0.8	0.2	12	1	20 A	1ST LEVEL COPIER FLR BOX	
				13	0.0	0.5					14	1	20 A	1ST LEVEL SYS FURN	
	REC ROOM 101A	20 A	1	15			0.7	0.5			16	1	20 A	REC - 121-122	
	REC ROOM 102, 102A	20 A	1	17					1.1	0.0	18	1	20 A	SYS FURN OPEN OFFICE 120	
	1ST LEVEL SYS FURN	20 A	1	19	0.5	0.0					20	1	20 A	SYS FURN OPEN OFFICE 120	
	1ST LEVEL COPIER FLR BOX	20 A	1	21			0.2	1.1			22	1	20 A	REC - 101, 120	
	REC,HARDWIRED-RR 002,3	20 A	1	23					0.5	0.4	24	1	20 A	REC MEETING 022	
	SYS FURN, 120, 123 REC	20 A	1	25	0.5	0.9					26	1	20 A	REC HALL 026	
	RESTRM REC, WIRED VLVS	20 A	1	27			1.1	1.1			28	1	20 A	EF-2; REC MEETING 022A	
	REC MEETING 022A	20 A	1	29					0.7	0.4	30	1	20 A	REC MEETING 022A	
	REC MEETING 022A	20 A	1	31	0.4	0.4					32	1	20 A	REC MEETING 022A	
	REC MEETING 022A	20 A	1	33			0.4	0.4			34	1	20 A	REC MEETING 022A	
	SPARE	20 A	1	35					0.0	--	36	1	--	SPACE	
	SPARE	20 A	1	37	0.0	--					38	1	--	SPACE	
	SPARE	20 A	1	39			0.0	--			40	1	--	SPACE	
	SPARE	20 A	1	41					0.0	--	42	1	--	SPACE	
	SPARE	20 A	1	43	0.0	--					44	1	--	SPACE	
	SPARE	20 A	1	45			0.0	--			46	1	--	SPACE	
	SPARE	20 A	1	47					0.0	--	48	1	--	SPACE	
	SPARE	20 A	1	49	0.0	--					50	1	--	SPACE	
	SPARE	20 A	1	51			0.0	--			52	1	--	SPACE	
	SPARE	20 A	1	53					0.0	--	54	1	--	SPACE	
	SPARE	20 A	1	55	0.0	--					56	1	--	SPACE	
	SPARE	20 A	1	57			0.0	--			58	1	--	SPACE	
	SPARE	20 A	1	59					0.0	--	60	1	--	SPACE	
		TOTAL LOAD:			6 kVA		7 kVA		5 kVA						
		TOTAL AMPS:			51 A		63 A		45 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	0 VA	0.00%	0 VA		
REC	15592 VA	82.07%	12796 VA	CONNECTED LOAD:	18873 VA
SPEC	840 VA	100.00%	840 VA	ESTIMATED DEMAND:	16645 VA
MTR	2492 VA	122.95%	3064 VA	CONNECTED CURRENT:	52 A
				EST. DEMAND CURRENT:	46 A

NOTES (N):
1. GROUND FAULT CIRCUIT PROTECTION 4 - 6 mA.

NEW PANELBOARD: IT

LOCATION: DATA 012 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE TYPE 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MLO **SPECIAL:** SURGE PROTECTIVE DEVICE
BUS AMPS: 100 AMPS

N	LOAD DESCRIPTION	RATING	P	CKT	A		B		C		CKT	P	RATING	LOAD DESCRIPTION	N
	SSCU-1, SS-1	25 A	2	1	1.1	0.6					2	1	20 A	FACP	1
				3			1.1	0.2			4	1	20 A	REC DATA 015 IT RACK	
	UPS	60 A	2	5					4.9	0.4	6	1	20 A	REC DATA 015 IT RACK	
				7	4.9	0.4					8	1	20 A	REC DATA 015 IT RACK	
	REC STOR 130	20 A	1	9			0.4	1.0			10	1	20 A	DOOR POWER SUPPLIES	
	REC STOR 022B AV RACK	20 A	1	11					0.4	1.4	12	1	20 A	DOOR POWER SUPPLIES	
	DR PWR SUPPLY; CNTRLLR	20 A	1	13	1.0	1.4					14	1	20 A	DR PWR SUPPLY; CNTRLLR	
	DR PWR SUPPLY; CNTRLLR	20 A	1	15			0.0	1.4			16	1	20 A	DOOR POWER SUPPLIES	
	DR PWR SUPPLY; CNTRLLR	20 A	1	17					0.0	1.0	18	1	20 A	DOOR POWER SUPPLIES	
	DOOR POWER SUPPLIES	20 A	1	19	1.5	1.0					20	1	20 A	DOOR CONTROLLER	
	SPEC OPEN OFFICE 120	20 A	1	21			1.0	1.4			22	1	20 A	DR PWR SUPPLY; CNTRLLR	
	DOOR POWER SUPPLIES	20 A	1	23					1.4	1.4	24	1	20 A	DOOR POWER SUPPLIES	
	DOOR POWER SUPPLIES	20 A	1	25	1.4	--					26	1	--	SPACE	
	REC STOR 022B AV RACK	20 A	1	27			0.4	--			28	1	--	SPACE	
	REC IT CNTRL 152 AV RACK	20 A	1	29					0.4	--	30	1	--	SPACE	
	REC IT CNTRL 152 AV RACK	20 A	1	31	0.4	--					32	1	--	SPACE	
	SPARE	20 A	1	33			0.0	--			34	1	--	SPACE	
	SPARE	20 A	1	35					0.0	--	36	1	--	SPACE	
	SPARE	20 A	1	37	0.0	--					38	1	--	SPACE	
	SPARE	20 A	1	39			0.0	--			40	1	--	SPACE	
	SPARE	20 A	1	41					0.0	--	42	1	--	SPACE	
		TOTAL LOAD:			13 kVA		7 kVA		11 kVA						
		TOTAL AMPS:			113 A		57 A		94 A						

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
REC	12263 VA	90.77%	11131 VA		
SPEC	17040 VA	100.00%	17040 VA	CONNECTED LOAD:	30475 VA
MTR	2288 VA	125.00%	2860 VA	ESTIMATED DEMAND:	29970 VA
				CONNECTED CURRENT:	85 A
				EST. DEMAND CURRENT:	83 A

NOTES (N):
1 LOCKABLE BREAKER.

TSP

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Architecture
Engineering
Planning

CONSULTANTS

REGISTERED PROFESSIONAL ENGINEER REG. NO. 14116 CARLY R. NORD SOUTH DAKOTA
DATE: 02/23/2024

PROJECT TITLE

CITY OF WATERTOWN RENOVATION AND ADDITION FOR NEW CITY HALL
WATERTOWN, SD

ISSUES

ADD1	03/05/2024	ADDENDUM 1
ISSUE	DATE	DESCRIPTION

ISSUE DATE	DRAWN BY
02/23/2024	CRN
PROJECT #	CHECKED BY
09201051	CRN

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-602

CONSTRUCTION DOCUMENTS