

SECTION 00 9113.02 - ADDENDUM #2

1.1 PROJECT INFORMATION

- A. Project Name: **Water & Sewer Building.**
- B. Owner: **City of Minot.**
- C. Architect: **Ackerman-Estvold, Engineering & Management Consulting, Inc.**
- D. Architect Project Number: **R25132.**
- E. Date of Addendum: **February 26th, 2026.**

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.
 - 1. Bid Date: **March 3rd, 2026 @ 2:00 PM local time.**

1.3 ATTACHMENTS

- A. This Addendum includes the following attached Documents and Specification Sections:
 - 1. Document Civil Addendum C-1, dated 02/26/2026 (new).
 - 2. Document Structural Addendum S-1, dated 02/25/2026 (new).
 - 3. Document Mechanical Addendum M-1, dated 02/25/2026 (new).
 - 4. Document Electrical Addendum E-1, dated 02/25/2026 (new).
- B. This Addendum includes the following attached Sheets:
 - 1. General Sheet G300, dated 01/20/2026, (reissued).
 - 2. Civil Sheet C401, dated 01/20/2026, (reissued).
 - 3. Civil Sheet C501, dated 01/20/2026, (reissued).
 - 4. Civil Sheet C702, dated 01/20/2026, (reissued).
 - 5. Structural Sheet S001, dated 01/20/2026, (reissued).

6. Structural Sheet S101, dated 01/20/2026, (reissued).
7. Architectural Sheet A101, dated 01/20/2026, (reissued).

1.4 REVISIONS TO PREVIOUS ADDENDA

- A. Addendum No. 1: not reissued.
 1. Paragraph Part 1.1 E: Revise to read "Date of Addendum: February 19th, 2026." In lieu of "Date of Addendum: February 26th, 2026."
 2. Paragraph Part 1.3 A.: Add Subpart 2. Architectural Sheet A201, dated 01/20/2026, (reissued).

1.5 REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS

- A. Specification Section 13 3419 Metal Building Systems, (not reissued).
 1. Paragraph Part 2.2 L. 1. b.: Revise to read "R-value: R30+R13 Liner System" in lieu of "R-value: R30+R11 Liner System."
- B. Specification Section 09 6513 Resilient Base and Accessories (not reissued).
 1. Paragraph part 1.1 A.: Add Subpart 2. Vinyl Molding Accessories.
 2. Paragraph part 2: Add Part 2.3 Vinyl Molding Accessories.
 3. Paragraph part 2.3: Add subpart A. Description: Vinyl transition strips.
 4. Paragraph part 2.3: Add subpart B. Profile and dimensions: manufacturer's standard that complies with ADA and ANSI A117.1 standards.
 5. Paragraph part 2.3: Add subpart C. Locations:
 6. Paragraph part 2.3 C.: Add subpart 1. All LVT to carpet floor transitions.
 7. Paragraph part 2.3 C.: Add subpart 2. All LVT to carpet floor transitions.
 8. Paragraph part 2.3 C.: Add subpart 3. All LVT to carpet floor transitions.
 9. Paragraph part 2.3 C.: Add subpart 4. All LVT to carpet floor transitions.
 10. Paragraph part 2.3: Add subpart D. Colors and Patterns: As selected by Architect from Manufacturer's Full Range.
- C. Specification Section 09 6813 Tile Carpeting (not reissued).

1. Paragraph Part 2.2: Add Subpart C. Floor Transitions: See Specification section 09 6513 "Resilient Base and Accessories."

1.6 REVISIONS TO DRAWING SHEETS

- A. Sheet G300 – Assembly Types (reissued).
 1. Roof Types: Clarified dimensions on graphics to match notes on roof type RA.
- B. Sheet A101 – Floor Plan (reissued).
 1. Drawing 1/A101: Add dashed lines indicating window treatments at the W2 window locations in the meter shop.
 2. Floor Plan General Note #3: Revise to read "Dashed line @ W1 & W2 windows..." In lieu of "Dashed line @ W1 windows..."
- C. Sheet iD100 – Finish Plans & Schedule (reissued).
 1. Room Finish Schedule: Omit "PAINT-2" notes for the soffits at rooms 101 & 102. Add Remark #2 for room 102.
- D. Sheet iD300 – Casework Details (not reissued).
 1. Drawing 19/iD300: Revise text below the "SA-3" note to read "Non-illuminated room plaque" in lieu of "non-illuminated acrylic room plaque."

1.7 PROCUREMENT SUBSTITUTION APPROVALS

- A. Subject to compliance with requirements of the specifications, the following are approved substitutions:

Specification Section	Basis of Design / Product	Approved Substitution
13 3419 Metal Building Systems	See Specification.	Chief Buildings.
28 1000 Controlled Access System	See Specification.	The Computer Store, Inc.
28 2000 Surveillance System	See Specification.	The Computer Store, Inc.

END OF DOCUMENT 00 9113.02

Ackerman-Estvold

1907 17th Street SE

Minot, ND 58701

Telephone: 701-837-8737

ADDENDUM NO. C-1

1.1 PROJECT INFORMATION

- A. Project Name: **Minot Water & Sewer Building**
- B. Owner: **City of Minot**
- C. Architect: **Ackerman-Estvold**
- D. Architect Project Number: **R25132.**
- E. Date of Addendum: **February 25, 2026.**

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

1.3 ATTACHMENTS

- A. This Addendum includes the following attached Sheets:
 - 1. Civil Sheet C401 Site Plan, dated 01/20/26 (reissued).
 - 2. Civil Sheet C501 Grading Plan, dated 01/20/26 (reissued).
 - 3. Civil Sheet C702 Details, dated 01/20/26 (reissued).

1.4 REVISIONS TO SHEET C401 SITE PLAN – DRAWINGS

- A. Revised Pavement Legend.
- B. Asphalt Pavement – Heavy Duty section shall be installed behind the security fencing areas of the project.
- C. Asphalt Pavement – Light Duty section installed be installed at the public parking lot side of the project.

Ackerman-Estvold

1907 17th Street SE

Minot, ND 58701

Telephone: 701-837-8737

1.5 REVISIONS TO SHEET C501 GRADING PLAN – DRAWINGS

- A. Revised Grading Legend.
- B. Additional spot elevations at top of berm allow north property line.

1.6 REVISIONS TO SHEET C702 DETAILS – DRAWINGS

- A. Revised detail 1/C702 Asphalt Pavement – Heavy Duty section.
- B. Revised detail 2/C702 Gravel Pavement – Alternate #3 section.
- C. Detail 14/C702 Asphalt Pavement – Light Duty section added.

END OF DOCUMENT



CW STRUCTURAL
ENGINEERS

STRUCTURAL ADDENDUM S-1:

PROJECT:	Water & Sewer Building	ADDENDUM NO:	2
OWNER:	City of Minot	ADDENDUM DATE:	2/25/26
ARCHITECT:	Ackerman Estvold	PROJECT NO.:	C2528T
PROJECT LOCATION:	Minot, ND	TO STRUCTURAL DRAWINGS DATED:	1/20/26
ISSUED BY:	Derek Kost, P.E.	PAGES:	3

This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

The Bidder shall carefully study and compare the Bidding Documents with each other, and with other work being bid concurrently or presently under construction to the extent that it relates to the Work for which the Bid is submitted, shall examine the site and local conditions, and shall at once prep

ITEM LIST & DESCRIPTION: (See attached sheets with associated clouded revisions as applicable)

1. Sheet S001
 - a. General Structural Notes
 - i. Foundations Section – Notes #1 is to be updated to reference the Geotechnical Report by Material Testing Services.
 - ii. Foundations Section – Notes #2 is to be updated to reference the Geotechnical Design values and overexcavation requirements as indicated in the supplied Geotechnical Report.
2. Sheet S101
 - a. The Soils Box Note is to be updated to reference the associated Geotechnical Report by Materials Testing, the & the overexcavation requirements as indicated in the supplied Geotechnical Report.
 - b. The pad footing schedule
 - i. The soil bearing capacity is to be 2000 psf.
 - ii. The 6'-0" square pad footing is to be 14" thick in lieu of 12" thick.

-End of Structural Addendum-



ADDENDUM NO: M-1

DATE: 02/26/26

PROJECT: Minot Sewer & Water
Minot, ND
MMD Project Number 2025-119

DATE OF ISSUE: February 2026

NOTICE TO ALL KNOWN PLANHOLDERS AND BIDDERS:

Martin Mechanical Design Inc. issues this addendum to all known individuals, firms, or corporations who have obtained or received drawings and specifications for the above referenced project. The bidder or planholder assumes all responsibility for obtaining all addendums and listing same on the proposal forms. The Engineer is not responsible, nor does he accept any liability for insuring that the planholders, bidders, or other interested parties have received all addendums.

THIS ADDENDUM SHALL BE MADE A PART OF THE CONTRACT PLANS AND SPECIFICATIONS. BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS AND ALL OTHER ADDENDUMS IN THE APPROPRIATE SPACE PROVIDED ON THE BID FORM.

MARTIN MECHANICAL DESIGN INC.

MATTHEW KRUEGER, PE



PROJECT MANUAL:

[NONE]:

DRAWINGS:

[NONE]:

REVISED SCHEDULES:

[NONE]:

REVISED DETAILS:

[NONE]

PRIOR APPROVALS

Any products not listed in the specifications or specifically approved as prior approval are not allowed for installation. Any products submitted for review during shop drawing phase not approved through this process will be rejected and contractor will be made to supply an approved product at contractors' expense.

Section	Description	Manufacturer	Approved	Not Approved
22 3000	RECIRC PUMP	TACO VR	X	
22 4000	FLUSH VALVE	AMERICAN STD	X	
23 2114	AIR SEPARATORS	AMTROL	X	
		TACO	X	
		CALEFACITO	X	
23 2114	EXPANSION TANK	CALEFACITO	X	
23 2114	GLYCOL FEEDER	CALEFAITO	X	
23 2500	HVAC WATER TREAMEMENT	LINKONE	X	
23 5216	VENTING	Z-DENS	X	
		Z-VENT	X	
23 5216	CONDENSING BOILER	BOSCH	X	

END OF MECHANICAL ADDENDUM

ADDENDUM E-1

February 26, 2026

Water & Sewer Building
City of Minot

Project #25065

PRAIRIE ENGINEERING, P.C.
1905 17th Street SE
MINOT, NORTH DAKOTA

THIS ADDENDUM SHALL BECOME A PART OF THE PLANS AND SPECIFICATIONS AND ITS RECEIPT SHALL BE NOTED ON THE BID FORM.

ATTACHMENTS: This Addendum includes the following attached Drawings:

1. Sheet E101 and E201

DRAWING ITEM #1. Sheet E101

- A. Updated Motor & Equipment Schedule to include RCP-1.
- B. Updated Panel P1 Schedule for RCP-1.

DRAWING ITEM #2. Detail 2/E201

- A. Add connection and equipment for pump RCP-1 in Room 114.
- B. Add receptacle on northe wall of Room 114

DRAWING ITEM #3. Detail 3/E201

- A. Add access control to Door 101-2.
- B. Add access control to Door 117.
- C. Add remote Door Release buttons at reception counter in Room 123. Buttons shall temporarily unlock Doors 101-2 and 102.



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www.ackerman-estvoid.com

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I hereby certify that this plan specification, or report was prepared by me or under my direct supervision, and that I am a duly Registered Architect under the laws of the State of North Dakota.
Brandon Dahl
Date: 1/20/26 Ref. No. 1774



WATER & SEWER BUILDING
CITY OF MINOT
1000 31st St, SE
MINOT, ND 58701

DATE
01/20/2026

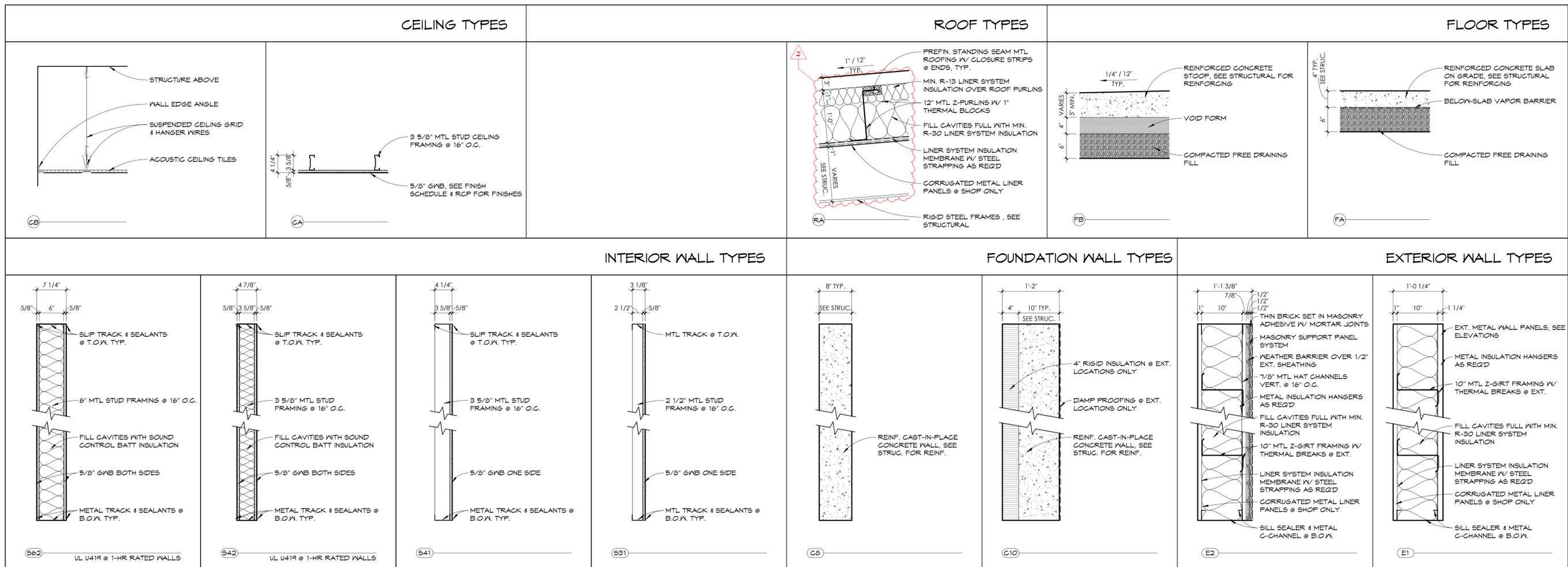
CONSTRUCTION DOCUMENTS

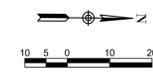
REVISION SCHEDULE

#	DATE	REVISION
2	02/26/2026	Addendum #2

PROJECT NO. **25132**
DRAWN BY: **JTK**
CHECKED BY: **BMA**

SHEET
G300
ASSEMBLY TYPES





GRAPHIC SCALE:
 ATTENTION IS DRAWN TO THE FACT THAT DRAWING SCALES MAY BE ALTERED DURING REPRODUCTION PROCESSES. SCALES SHOWN HEREON ARE BASED ON A FULL SCALE SHEET SIZE OF 24" X 36".
 SCALE: 1" = 20'

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- NOTES:**
- VERTICAL DATUM: NAVD88
HORIZONTAL DATUM: LOCAL COORDINATE SYSTEM
GRID UNITS: US SURVEY FEET
 - THE UNDERGROUND UTILITIES ARE GENERAL LOCATIONS FURNISHED BY THE UTILITY COMPANIES AND CITY ENGINEERS OFFICE. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.
 - ALL EX. UNDERGROUND UTILITIES, PIPE SIZES, MATERIAL TYPES AND DEPTHS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
 - ALL CONSTRUCTION TO BE PERFORMED IN FULL ACCORDANCE WITH THE 2025 CITY OF MINOT STANDARD SPECIFICATIONS UNLESS OTHERWISE EXPLICITLY CALLED FOR WITHIN THE CONSTRUCTION DOCUMENTS.
 - CONTRACTOR IS RESPONSIBLE FOR REFERENCING M.T.S. GEO-TECH REPORT AND PERFORMING ALL SOIL CORRECTION RECOMMENDATIONS PRIOR TO START OF CONSTRUCTION OF BUILDING OR ANY HARD SURFACING.
 - PROVIDE A 10' TRANSITION BETWEEN TYPE 1A & 1B CURBS.
 - PROVIDE A 5' TRANSITION BETWEEN A TYPE 1A OR 1B CURBS TO NO SLOPE GUTTERS OR WHERE TYPE 1A CURB TIES INTO THE VALLEY GUTTER.

PAVEMENT LEGEND:

- ASPHALT PAVEMENT (LIGHT DUTY SECTION)
- ASPHALT PAVEMENT (HEAVY DUTY SECTION)
- CONCRETE PAVEMENT
- CONCRETE PAVEMENT (6" REINFORCED)
- GRAVEL PAVEMENT (ALTERNATE #3 BID)
- SOIL BORING (APPROX. LOCATION) (REF. MTS GEO-TECH REPORT TYP.)

SITE SUMMARY:

OWNER: CITY OF MINOT

LEGAL DESCRIPTION: OUTLOTS SEC 20 155 82 OUTLOT 14 SW1/4SW1/4

ZONING: P

AREA: 285,753 SF

PHYSICAL ADDRESS: 1000 31ST ST SE

SETBACKS:
 FRONT - 0'
 SIDES - 0'
 REAR - 0'

YARDS:
 STREET LANDSCAPING - 10'
 BUFFER YARD - 20'

PARKING: PUBLIC SERVICES-ADMIN OFFICES 2 SPACES PER 1,000 SF

REQUIRED:
 6,000 SF/1,000 SF
 ADA REQ'D SPACES 6 SPACES
 1 SPACE

PROVIDED:
 PUBLIC SPACES 8 SPACES
 NON-PUBLIC SPACES 14 SPACES
 TOTAL PROVIDED 22 SPACES

PUBLIC ADA PARKING SP. (INCL. IN TOTAL) 2 SPACES
NON-PUBLIC ADA PARKING SP. (INCL. IN TOTAL) 1 SPACE

WATER & SEWER BUILDING
 CITY OF MINOT
 1000 31st St. SE
 MINOT, ND 58701

DATE: 01/20/26

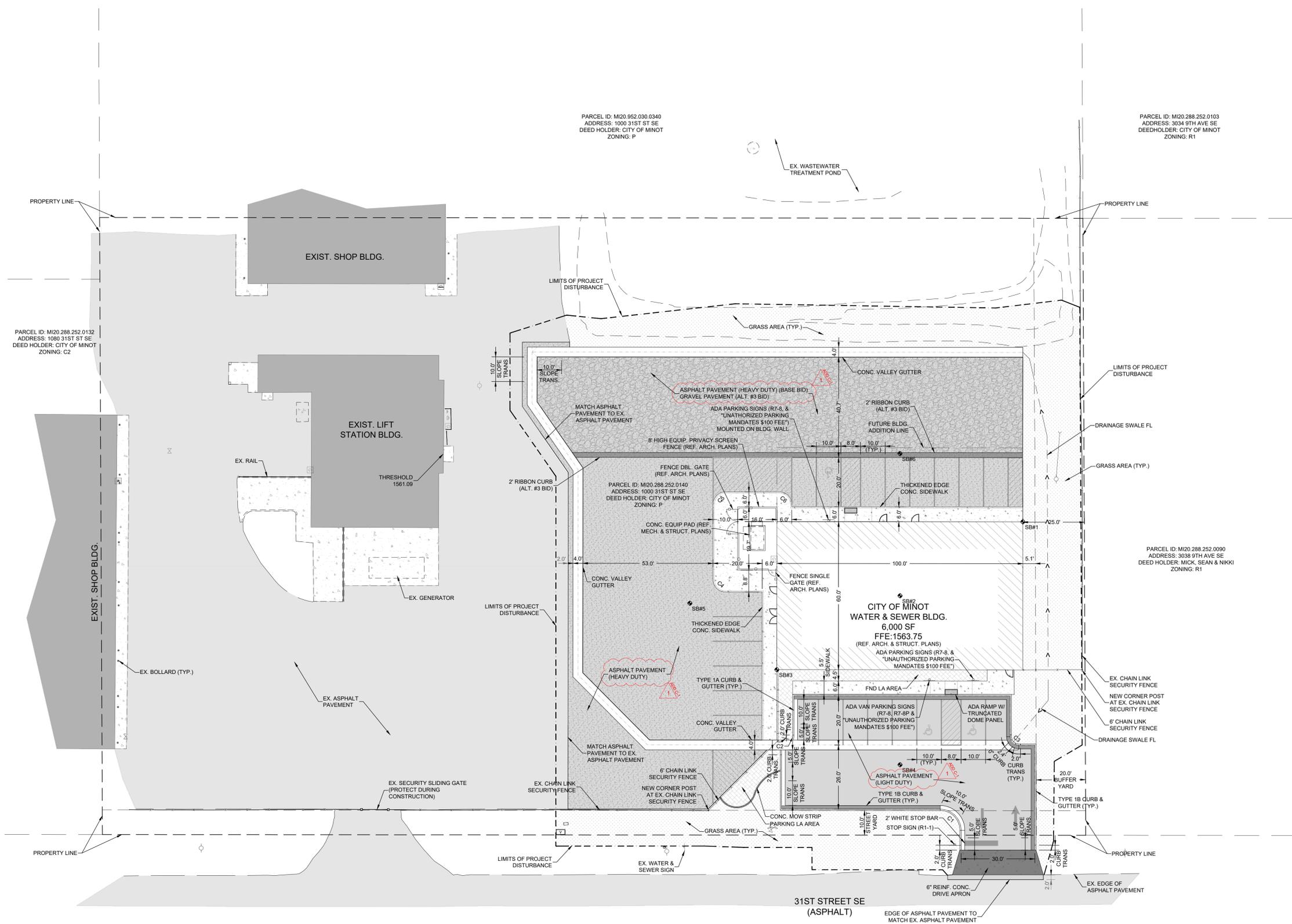
CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

#	DATE	REVISION
1	02/25/26	ADD C-1

PROJECT NO: R55192
 DRAWN BY: AKB
 CHECKED BY: AKB

SHEET
C401
 SITE PLAN



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C1	12.57'	8.00'	90.00°
C2	1.57'	3.00'	30.00°
C3	4.71'	3.00'	90.00°
C4	7.07'	4.50'	90.00°
C5	7.07'	4.50'	90.00°
C6	7.07'	4.50'	90.00°

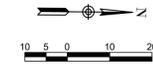
2/25/2024
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PARCEL ID: M120 B29.000.0060
 ADDRESS: 1025 31ST ST SE
 DEED HOLDER: CITY OF MINOT
 ZONING: P

PARCEL ID: M120 852.030.0340
 ADDRESS: 1000 31ST ST SE
 DEED HOLDER: CITY OF MINOT
 ZONING: P

PARCEL ID: M120 288.252.0103
 ADDRESS: 3034 9TH AVE SE
 DEED HOLDER: CITY OF MINOT
 ZONING: R1

PARCEL ID: M120 288.252.0090
 ADDRESS: 3038 9TH AVE SE
 DEED HOLDER: MICK, SEAN & NIKKI
 ZONING: R1



GRAPHIC SCALE:

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SCALE: 1" = 20'



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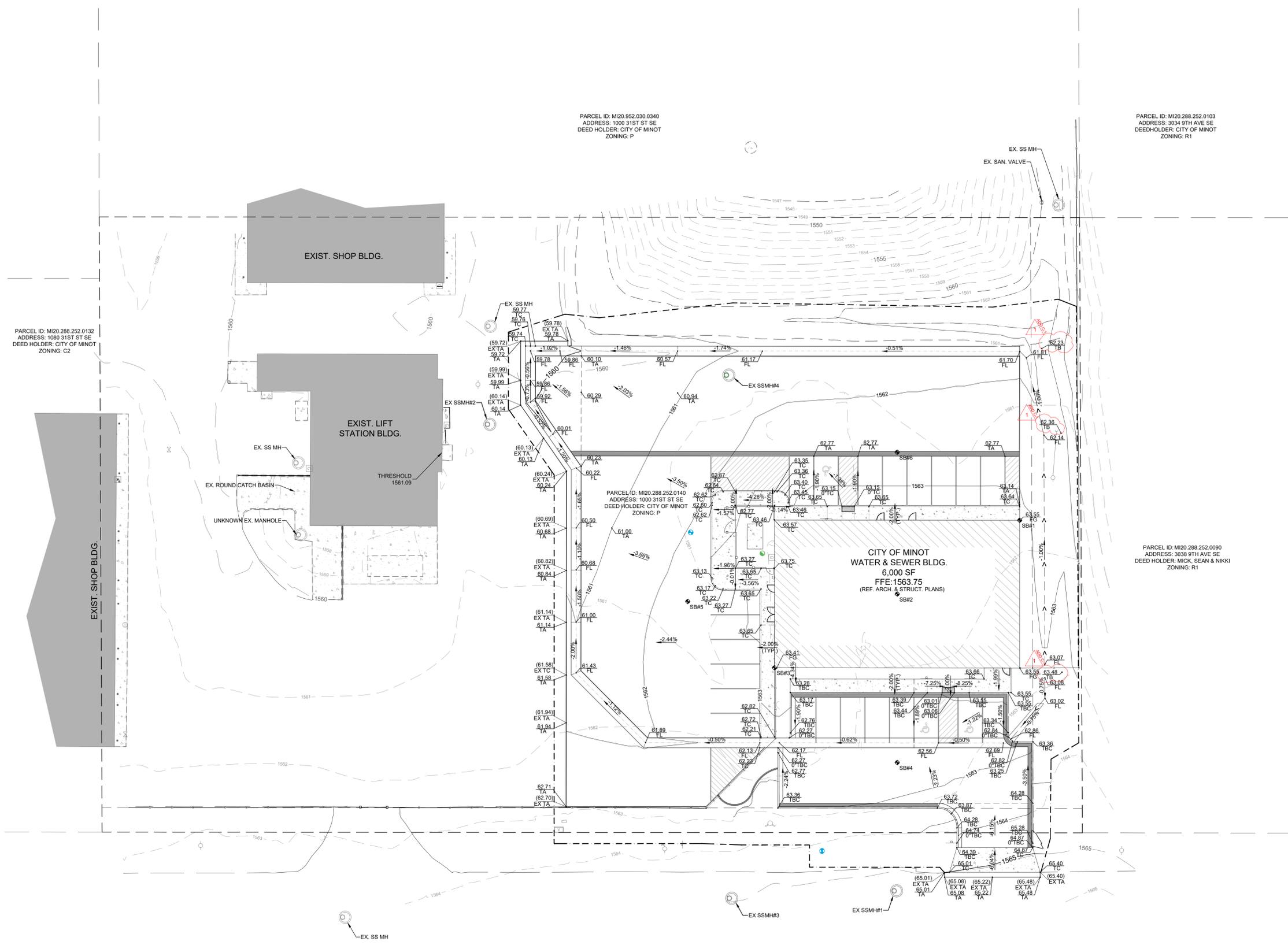


NOTES:

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HORIZONTAL DATUM: LOCAL COORDINATE SYSTEM
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- ALL CONSTRUCTION TO BE PERFORMED IN FULL ACCORDANCE WITH THE 2025 CITY OF MINOT STANDARD SPECIFICATIONS UNLESS OTHERWISE EXPLICITLY CALLED FOR WITHIN THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR REFERENCING M.T.S. GEO-TECH REPORT AND PERFORMING ALL SOIL CORRECTION RECOMMENDATIONS PRIOR TO START OF CONSTRUCTION OF BUILDING OR ANY HARD SURFACING.
- ABOVE GROUND WATER APPURTENANCES, STORM AND SANITARY SEWER STRUCTURES SHOWN FOR REFERENCE ONLY. SEE SHEET C601 FOR UTILITY DESIGN.

GRADING LEGEND:

- TYPE 1A CURB
- TYPE 1B CURB
- RIBBON CURB (REJECT) (ALTERNATE #3 BID)
- GRADE BREAK/RIDGE LINE
- VALLEY GUTTER
- LIMITS OF DISTURBANCE
- PROPOSED SPOT ELEVATION WITH DESCRIPTION (ADD 1500)
- EXISTING SPOT ELEVATION WITH DESCRIPTION (ADD 1500)
- TA TOP OF ASPHALT
- TC TOP OF CONCRETE
- TBC TOP BACK OF CURB
- FL FLOWLINE
- GB GRADE BREAK
- HP HIGH POINT
- RC RIBBON CURB
- LG LIP OF GUTTER
- LP LOW POINT
- CN CURB NOTCH
- FG FINISHED GROUND
- EG EXISTING GROUND
- PB POND BERM
- TB TOP OF BERM



PARCEL ID: M120.852.030.0340
ADDRESS: 1000 31ST ST SE
DEED HOLDER: CITY OF MINOT
ZONING: P

PARCEL ID: M120.288.252.0103
ADDRESS: 3034 9TH AVE SE
DEED HOLDER: CITY OF MINOT
ZONING: R1

PARCEL ID: M120.288.252.0132
ADDRESS: 1000 31ST ST SE
DEED HOLDER: CITY OF MINOT
ZONING: C2

PARCEL ID: M120.288.252.0140
ADDRESS: 1000 31ST ST SE
DEED HOLDER: CITY OF MINOT
ZONING: P

CITY OF MINOT
WATER & SEWER BLDG.
6,000 SF
FFE:1563.75
(REF. ARCH. & STRUCT. PLANS)
SB#2

PARCEL ID: M120.288.252.0090
ADDRESS: 3038 9TH AVE SE
DEED HOLDER: MICK, SEAN & NIKKI
ZONING: R1

PARCEL ID: M120.B29.000.0060
ADDRESS: 1025 31ST ST SE
DEED HOLDER: CITY OF MINOT
ZONING: P

WATER & SEWER BUILDING
CITY OF MINOT
1000 31st St. SE
MINOT, ND 58701

DATE
01/20/26

CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

#	DATE	REVISION
1	02/25/26	ADD C-1

PROJECT NO: R5132
DRAWN BY: AKB
CHECKED BY: AKB

SHEET

C501
GRADING PLAN

2/24/2024
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GENERAL STRUCTURAL NOTES

GENERAL DESIGN AND CONSTRUCTION:

(1) All work shall comply with the 2024 International Building Code (IBC).

(2) Design Loads:

Project Location: Minot, ND (Risk Category II)

Wind loads: Per ASCE 7, Exposure Category 'C', Ultimate Minid Speed, Vult = 110 mph

Snow Load: Per ASCE 7 (with required snow drifting where applicable) Ground Snow (Mapped), Sg = 50 psf (Ultimate) Calculated Roof Snow, Pp = 43 psf (Specified Minimum Ultimate) Ce = 1.0, Ct = 1.0 (heated)

Seismic loads per ASCE 7 (Minot, ND) Site class = D, Ss = 0.05g, S1 = 0.01g, Ie=1.0 Site coefficient, Fa = 1.6, Site coefficient, Fv = 2.4 Seismic Design Category A

Roof Dead Load - Secondary Framing (Purlins & Decking) Self Weight = 3.5 psf (Assumed) Roof Collateral Dead Load = (Sprinklers, Mech); & Elec(1) = 10 psf

(3) Specific notes and details shall take precedence over General Structural Notes.

(4) The contract structural drawings and specifications represent the finished structure. Unless otherwise indicated, they do not indicate the means or method of construction. The contractor is solely responsible for the protection of the structure during all phases of demolition, construction and installation. Provide all measures necessary to protect the structure, workers or other persons by means of shoring, bracing and job site safety measures.

(5) Means-and-methods including temporary bracing and shoring against wind and erection is the responsibility of the contractor.

(6) No area of the structure shall be loaded with construction material or equipment that exceeds final design loading indicated.

(7) Verify location of box-outs and openings with mechanical and electrical contractors. Opening sizes and locations shown for pipes, ducts, etc. are for general information only and shall be verified with the mechanical and electrical contractors before commencing with work.

(8) Verify all mechanical and electrical equipment weight and locations with mechanical and electrical contractors and compare with that shown on the drawings. If weights and locations differ from that shown, contact the structural engineer to provide for support.

(9) Holes, pipes, sleeves, etc. through structural framing and foundations that are not shown on the drawings are not acceptable.

(10) Structural engineer's seal on the plan does not provide for construction inspection. See requirements in the project specifications for Testing Laboratory services and inspections.

(11) The cost for additional structural engineering services necessitated by contractor requests for an option or due to errors or omissions in construction shall be the contractor's responsibility.

(12) Shop drawings prepared by suppliers, subcontractors, etc. shall be dimensioned, reviewed, coordinated, and signed/stamped by the general contractor prior to submitting to the structural engineer. Manufactured components such as steel stairs, trusses or precast concrete shall be engineered and stamped by a licensed Professional Engineer in the state the project is being built prior to submission.

(13) All necessary egress exit/entry doors must be constructed and maintained to operate freely at all times providing egress from the building as well as satisfying and maintaining any and all ADA requirements. Design and construction of exterior concrete sidewalks, stoops, paving, door sills, etc., to provide and maintain egress in a Frost-free manner via stoop foundations, non-frost susceptible fill, flowable fill, shallow insulated Frost-protected foundation or other means is the responsibility of CNSTRUCTURAL Engineers.

(14) CNSTRUCTURAL may provide periodic observations to assure conformance with design intent of the construction documents. However, these observations are not meant to fulfill the requirements of the IBC required special inspections. CNSTRUCTURAL is not considered a qualified "special inspector" as it relates to required building code. Refer to the Special Inspections.

(15) CNSTRUCTURAL is not responsible for Life Safety (i.e. egress requirements) or Fire Code (i.e. Firewalls, Fire barriers, etc.) requirements. G.C. and/or owner required to consult design professional for all Life Safety and Fire Code requirements.

(16) CNSTRUCTURAL is not responsible for any moisture protection, insulation, or building envelope design. G.C. and/or owner required to consult design professional for all required building envelope design and details.

STATEMENT OF SPECIAL INSPECTIONS:

(1) Special inspections and structural testing shall be provided by parties as identified in the Special Inspections Specification. Refer to the specifications for all required parties, along with their duties and responsibilities. All special inspections identified in this section and in other areas of the approved construction plans shall be completed as outlined here or within the special inspection tables, unless waived by the Building Official (see IBC Chapter 17).

(2) REQUIRED SPECIAL INSPECTIONS:

CONCRETE (IBC Section 1705.3): Special inspections to be performed per "Required Special Inspection of Concrete Construction" table located within these construction documents and also called out in the IBC table 1705.3. (Exception: Special inspections are not required for concrete in the following cases:

- 1. Isolated spread concrete footings of buildings three stories or less above grade plane that are fully supported on earth or rock.
2. Continuous concrete footings supporting walls of buildings three stories or less above grade plane that are fully supported on earth or rock where:
2.1) The footings supporting walls of light-framed construction
2.2) The footings are designed in accordance with Table 1804.7 of the IBC.
2.3) The structural design of the footing is based on a specified compressive strength, Fc, not more than 2,500psi, regardless of the compressive strength specified in the approved construction documents or used in the footing construction.
3) Nonstructural concrete slabs supported directly on the ground, including prestressed slabs on grade, where the effective prestress in the concrete is less than 150 psi.
4) Concrete foundation walls constructed in accordance with Table 1807.1.6.2.
5) Concrete patios, driveways and sidewalks, on grade.)

SOIL (IBC Section 1705.6): Special inspections to be performed per Table 1705.6 located both in the IBC and within these construction documents.

STRUCTURAL STEEL & STEEL JOISTS (IBC Section 1705.2, 1705.11, & 1705.12, and AISC 360): Special inspections to be performed per "Required Special Inspection of Structural Steel" table located within these construction documents and also called out in the IBC & AISC as confirmed with Pre-Engineered Metal Building Supplier.

(3) Please see the "Special Inspection Schedules/Tables" for the types, extents and frequency of specific items requiring special inspections and structural tests as part of this project. Inspections and testing indicated in the special inspection tables are guidelines to the required inspection and testing required by the building code for the particular building. The IBC and referenced testing/inspection standards shall be reviewed and followed by the inspecting agency to ensure that all required testing/inspection and procedure for testing/inspection is achieved.

FOUNDATIONS:

(1) All concrete foundation designs are based upon the geotechnical report recommendations by Material Testing Services, (Minot, ND) with MTS report No. G25-076, dated January 24, 2026. All recommendations indicated in the Geotechnical Report shall apply as the Geotechnical Report shall become a part of the project specifications.

(2) Geotechnical Design Values - All foundation excavations must be observed on-site by the geotechnical engineer to verify & confirm the soil conditions present and the geotechnical design values noted below and approved in writing by a licensed geotechnical engineer prior to fabricating steel and placing concrete any concrete. All geotechnical design values used are as follows:

- a. Minimum Soil Bearing Capacity = 2000 psf
b. Required Overexcavation Below Footings & Interior Slabs: Remove all existing uncontrolled fill (Varies 2 feet to 4 feet below existing grade) & replace with structural fill under Geotechnical Engineer supervision with structural fill material as approved by Geotechnical Engineer. Subgrade Modulus: 100 pcf
c.

(3) All footings are assumed to bear on natural soils. All bearing material shall be approved in writing by a licensed Geotechnical Engineer prior to placing footing concrete.

(4) All interior slabs-on-grade shall bear on natural grade as indicated in the Geotechnical Report. Soil conditions, prior to concrete placement, shall be inspected and approved in writing by the Geotechnical Engineer.

(5) All seepage shall be continuously pumped from excavations until the Geotechnical Engineer of Record determines such seepage no longer impacts the bearing soils or Engineered Fill or construction of footings and floor slabs.

(6) Positive drainage shall be obtained away from the structures and care required for backfilling and drainage of utility trenches during construction shall be provided per the Geotechnical Recommendations and the Civil drawings.

(7) Excavations shall be performed in accordance with all governing safety regulations including OSHA. There shall be no surcharge load from vehicles, equipment, materials, soil piles etc. near the crest of the excavation slopes. The responsibility for excavation safety and temporary construction slopes lies solely with the Contractor.

(8) A 6" thick aggregate base course acting as a capillary break and a vapor barrier shall be placed below all interior slabs-on-grade per the Geotechnical Recommendations and the project specifications. A minimum 15 mil vapor barrier shall be placed on top of the aggregate base and directly below the slab with all seams overlapped a minimum of 6" and taped. The slab shall be properly cured as indicated in these General Structural Notes and the project specifications as well as per the recommendations of the ACI to avoid curling.

(9) Clean footing excavations of snow, water, mud, loose soil and debris prior to placing footing concrete.

(10) Footings may not be earth formed.

(11) All Footings are centered under the piers, columns or walls they support, except as noted otherwise.

(12) Excavations and backfill shall be executed and tested in accordance with the project specifications and soils report.

(13) Footing excavations shall be to proper line and level to ensure minimum concrete cover of footing reinforcement for footing depth.

(14) Backfill shall be compacted by mechanical means.

(15) Place all backfill according to the project specifications. General contractor is required to temporarily brace all walls as required prior to and during the placing of backfill and until permanent support for the top and base of the walls are completely constructed.

(17) Protect all foundations from the action of water and freezing.

(18) See mechanical, electrical and architectural drawings for all openings and inserts not shown on the structural drawings. All openings and inserts shall be placed prior to casting concrete.

CONCRETE:

(1) Concrete mix design(s) shall be by an independent testing laboratory and shall be submitted to the Architect and Structural Engineer for approval at the responsibility of the General Contractor.

(2) Concrete Mix Designs: All cement is to be Portland Limestone Cement (PLC) meeting ASTM C595 with cement type as indicated in the following mix design(s) and with maximum alkali content (NAEq) = 0.60%.

Footings, Piers & Foundation Walls are to have a concrete mix design consisting of PLC Type 1L (6 sack min.) and a 28-day compressive strength of 4000 psi, 25% max fly ash allowed, 3/4" max aggregate size, 4" max slump, 0.45 max water-to-cement ratio, 5% to 7% air entrainment, water reducing admixture ok, mid range plasticizer ok, super plasticizer requires prior approval.

Interior Slabs-on-Grade are to have a concrete mix design consisting of Type 1L cement (5 sack min.) and a 28-day compressive strength of 3000 psi, 25% max fly ash (Note: fly ash will retard initial set time), 3/4" max aggregate size, 4" max slump, 0.45 max water-to-cement ratio, no air entrainment, water reducing admixture ok, mid range and super plasticizer requires prior approval.

Exterior exposed elevated slabs (Stoop slabs) are to have a concrete mix design consisting of Type 1L cement (6 sack min.) and a 28-day compressive strength of 4,500 psi, 30% max fly ash (Note: fly ash will retard initial set time), 3/4" max aggregate size, 3" max slump, 0.41 max water-to-cement ratio, 5% to 7% air entrainment, water reducing admixture ok, mid range ok, super plasticizer requires prior approval.

Concrete aggregate shall meet ASTM C33 with a maximum shale or deleterious material content of 1%.

Fly Ash of "Type C meeting Class F" may be substituted by weight for cement up to maximum limits indicated in each concrete mix design.

Mid-Range Plasticizer meeting ASTM C484 Type D is acceptable if noted in mix design. Mix is to have a maximum slump as indicated above for the particular mix design prior to adding the Mid-Range. Adjust air content as required by the supplier due to the use of the Mid-Range and its projected effect on the air content. Test for air after Mid-Range addition to achieve range specified. Slump is to be tested to meet that specified above for particular mix design prior to adding Mid-Range Plasticizer and no additional water may be added after slump test.

Air Entraining agents shall meet ASTM C260.

Concrete construction shall conform to the ACI building code requirements for reinforced concrete, ACI 318.

Hot Weather Concreting per ACI 308R and Cold Weather Placement per ACI 306R shall be followed where weather conditions warrant.

(4) Slabs shall be cured with a curing compound as indicated in the specifications and per the recommendations of the ACI code relative to exposure to sunlight, wind, temperature, etc. and slabs shall be kept moist with wet burlap and covered with a minimum 6 mil polyethylene plastic sheeting for a minimum curing period of 5 days.

(10) Forms shall be left on all walls for a minimum of 2 days or longer as required at the discretion of the contractor.

(11) A continuous bond break, such as 3/8" asphaltic fiber board expansion joint material, shall be placed between the concrete slab and the perimeter foundation walls.

(12) All concrete pours shall be tested for strength (per ASTM C31 and C39), slump and air content. Test one cylinder at 7 days, one at 14 days, two at 28 days and hold one cylinder.

(13) All concrete reinforcing shall meet ASTM specification A615, Grade 60.

(14) Reinforcing steel shall be bent and placed in accordance with the ACI code. All tension splices shall be class 'B', 48 bar diameters, minimum. All compression splices shall be 40 bar diameters (minimum), unless noted otherwise. Lap all corner bars.

(15) Provide adequate support bars and accessories to hold all rebar firmly in place.

(16) All slabs are to be reinforced with bars located as called out on structural drawings. G.C. must use rebar support chairs to hold all slab bars firmly in their required location during pouring. Chairs are to be placed frequently enough to ensure no more than 1/4" of sag is present in any reinforcing bars.

(17) Concrete cover for reinforcing shall be per ACI 318.

(18) Slabs-on-grade are to be reinforced as shown on plans and details. Place slabs with construction and contraction joints per details.

(19) Openings in concrete shall be reinforced with (2)- #5 bars each side, extending 30" past the face of the opening unless otherwise noted.

(20) Interior concrete slabs-on-grade must not be allowed to freeze after pouring. Subgrade soil temperature beneath interior slabs-on-grade must be maintained above freezing at all times after pouring. Concrete shall not be poured on frozen soils.

(21) All reinforcing specified for interior slabs-on-grade and elevated slabs shall be supported adequately and firmly on chairs to maintain the clear distances specified.

(22) All vertical wall and pier bars must be extended to within 2" of the top of foundation walls unless shown otherwise on the drawings. All horizontal foundation wall bars must be placed within 4" of the top and bottom of the wall unless shown otherwise.

(23) All epoxy-set rebar doweling to concrete shall be HILTI HIT-HY 200 Safe Set System with HILTI Hollow Drill Bit System, Dewalt AC200+ with DustX + Hollow Drill Bit System, or equal, except as noted otherwise. Install per manufacturer's recommendations.

STRUCTURAL STEEL:

(1) Structural steel work is to be per AISC specifications. Steel grade shall be ASTM A992 (Fy=50 ksi) for wide flange shapes, ASTM A500, Grade B (Fy=46 ksi) for cold-formed steel tubes and ASTM A36 (Fy=36ksi) for other shapes except as noted otherwise on the drawings.

(2) All screw anchors shall be carbon steel HILTI Kwik HUS-EZ or Dewalt Screw-Bolt+, except as noted otherwise. Install bolts per manufacturer's recommendations with bolt embedment depth into concrete as indicated on structural drawings. Bolts exposed to the elements are to be hot-dipped galvanized.

(3) All epoxy-set threaded rod anchorage to concrete shall be HILTI HIT-HY 200 Safe Set System with carbon-steel anchors (anchors are to consist of HA85-B-109 (Fy=105 ksi) threaded rod material meeting ASTM 143, Grade B7 placed in holes cleaned with the Hilti Hollow Drill Bit System, except as noted otherwise) or Dewalt AC200+ adhesive systems with Fy=105 ksi threaded rod material meeting ASTM 143, Grade B7 placed in holes cleaned with the DustX+ Hollow Drill Bit System). Install per manufacturer's recommendations with bolt embedment depth into concrete as indicated on structural drawings. Contractor is to provide heat as required to maintain minimum required concrete base material temperature per supplier recommendations during epoxy curing.

METAL BUILDINGS:

(1) Foundation design is based on estimated metal building column reactions for building column layout shown. Metal building reactions to be supplied along with metal building shop drawings sealed by a licensed Professional Engineer in the state the project is being constructed in for review by the Structural Engineer. Adjustments in the pier and footing sizes, reinforcing, etc. shown on the plans may need to be made to accommodate the foundation reactions developed by the actual metal building being supplied. Sealed metal building shop drawings must be provided and approved prior to submittal of reinforcing steel shop drawings or forming for foundation footings.

(2) Metal building shall be designed and supplied to conform to the general layout and dimensions shown on the drawings including: x-bracing locations, portal frame locations, moment frame locations, girt relationship to columns (bypass or inset girts), etc.

(3) The metal building supplier shall design all anchor bolts for pre-engineered building columns including anchor bolt sizes and spacing/layout. The anchor bolt material (grade) & diameter is by the PEH-B supplier, the type (i.e. headed) and embedment depth shall be by the Structural Engineer. The anchor bolt projections shall be by the General Contractor.

(4) Pre-engineered building components shall be designed for live load and wind load as noted above in addition to all dead loads carried (including roof, insulation, mechanical systems, etc.). Conform to the International Building Code requirements. Frames shall resist lateral loading by rigid frame action. Unless more stringent WBMA or IBC deflection requirements are noted, the following deflection limits should apply: Maximum design vertical total load deflection shall be L/240 for members supporting horizontal framing (floors and roofs). Maximum design horizontal wind load deflection shall be H/240 for members supporting interior gypsum finishes. Main rigid frames shall have a maximum horizontal drift of H/240 (H being the height of the frame) for gypsum wall finishes and H/400 for frames laterally supporting masonry (H being the top of the masonry). Individual structural components supporting masonry vertically or laterally shall be limited to a maximum deflection of L/600.

(5) Metal Building supplier to furnish drawings indicating metal building layout including loadings, column locations, base plate sizes and column reactions (including maximum & minimum ASD factored loads) imparted on the foundation. The drawings shall be completed and sealed by a licensed Professional Engineer in the state the project is being built.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections and Tests of Soils (Section 1705.6 & Table 1705.6). Includes items like Minimum Testing, Prior to Construction, As Construction Begins, and During Construction.

Table with 4 columns: Frequency (Continuous, Periodic, Referenced Standards), Comments, and Required Special Inspections of Concrete Construction (IBC Table 1705.3). Includes items like Inspect Reinforcement, Reinforcing Bar Welding, Inspect anchors cast in concrete, and Inspect and anchor post-installed in hardened concrete members.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections of Precast Concrete Members (Table N5.4-1, AISC 360). Includes items like Precast concrete diaphragm connections, Verify in-situ concrete strength, and Inspect formwork for shape, location and dimensions.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections of Metal Building Systems (Section 1705.2.6 & Table 1705.2.6). Includes items like Installation of rafter/beam flange braces and column flange braces, Installation of purlins and girts, and Installation of X-bracing.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections of Structural Steel. Includes items like Steel Roof & Floor Deck, Material verification of steel deck, and Installation of mechanical fasteners.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Structural Steel Construction (IBC 1705.2, 1705.11, 1705.12). Includes items like Welding (Table N5.4-1, AISC 360), Material identification, and Welder identification.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and During Welding (Table N5.4-2, AISC 360). Includes items like Use of qualified inspectors, Control and handling of welding consumables, and Environmental conditions.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and After Welding (Table N5.4-3, AISC 360). Includes item like Welds cleaned.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Nondestructive Testing (N5.5, AISC 360). Includes items like Arc strikes, Backing & welding tabs removed, and Repair activities.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Other Steel Inspections (Table N5.7, AISC 360; Tables J8-1 and J10-1, AISC 341). Includes items like Structural steel details, Anchor rods/embeds supporting structural steel, and Reduced beam sections (RBS).

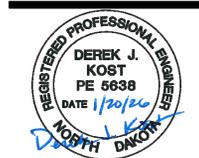
Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Installation of Open-Web Steel Joists and Joist Girders. Includes items like End connections - welded or bolted, and Bridging - Horizontal or diagonal.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections of Metal Building Systems (Section 1705.2.6 & Table 1705.2.6). Includes items like End connections - welded or bolted, and Bridging - Horizontal or diagonal.

Table with 4 columns: Frequency (Continuous, Periodic), Comments, and Required Special Inspections of Metal Building Systems (Section 1705.2.6 & Table 1705.2.6). Includes items like Installation of rafter/beam flange braces and column flange braces, Installation of purlins and girts, and Installation of X-bracing.



ACKERMAN-ESTVOLD MINOT | WILLISTON | FARGO | BOISE www.ackerman-estvold.com



WATER & SEWER BUILDING CITY OF MINOT 1000 3rd St SE MINOT, ND 58701

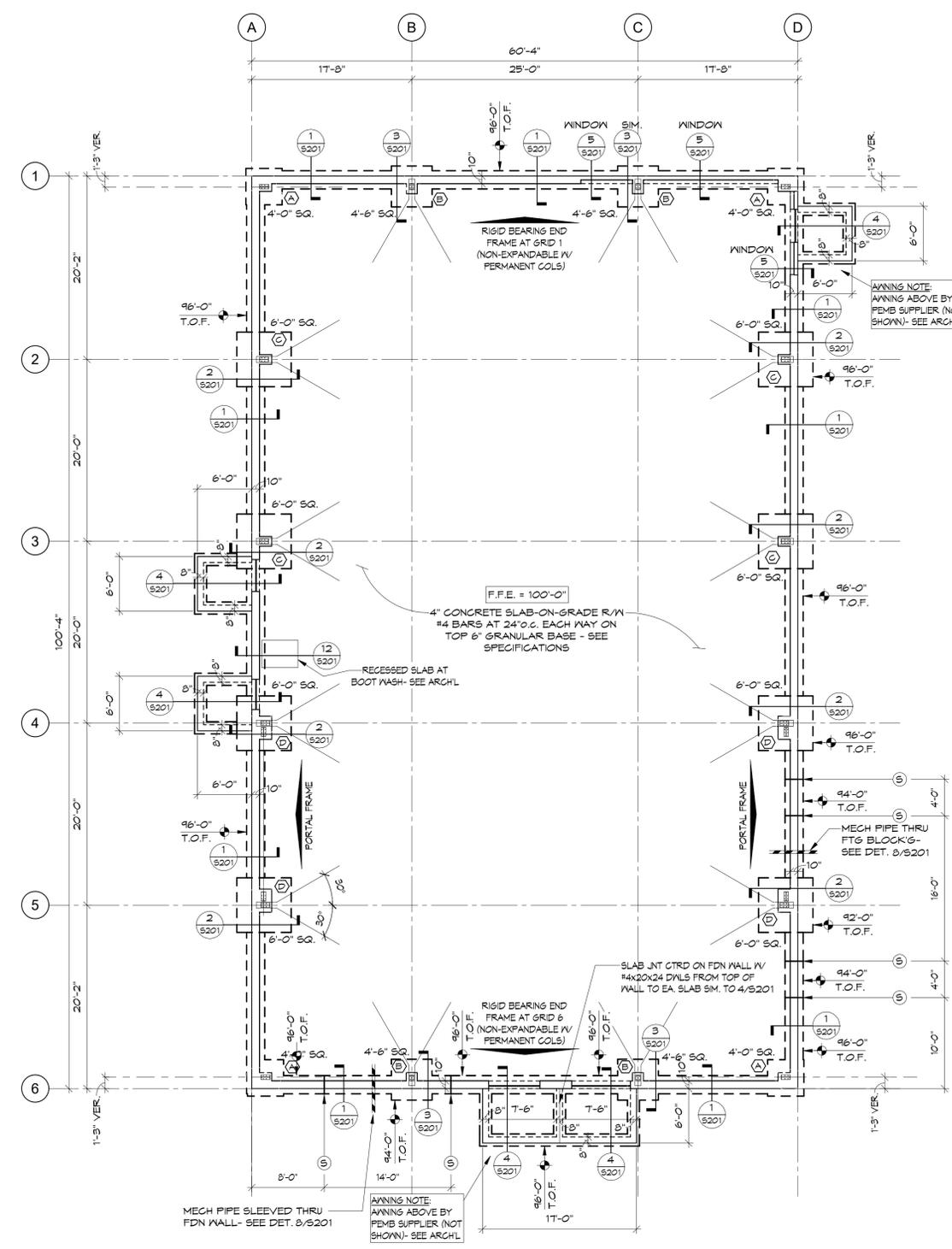
DATE 1/20/2026

CONSTRUCTION DOCUMENTS

Table with 3 columns: #, DATE, REVISION. Includes a revision schedule for the project.

SHEET S001 GENERAL STRUCTURAL NOTES

FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"



- PLAN NOTES:**
- (1) ALL PAD FOOTINGS ARE CENTERED BELOW THE COLUMN THEY SUPPORT - SEE FOUNDATION PLAN & PAD FOOTING SCHEDULE FOR SIZE & REINFORCING.
 - (2) ALL CONTINUOUS WALL FOOTINGS ARE 12" THICK UNREINFORCED, AND PROJECT 6" BEYOND EACH FACE OF FOUNDATION THEY SUPPORT, EXCEPT AS NOTED OTHERWISE.
 - (3) (S) → INDICATES STEP IN CONTINUOUS WALL FOOTING. SPACE STEPS AT 4'-0" FROM BUILDING CORNERS AND OTHER FOOTINGS STEPS EXCEPT AS SHOWN OTHERWISE.
 - (4) -1XX'-0" → INDICATES TOP OF FOOTING ELEVATION. T.O.F.
 - (5) GENERAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR BUILDING GROUNDING WIRE ATTACHMENT TO FOUNDATION WALL REINFORCING PRIOR TO POURING FOUNDATION WALL.
 - (6) 4" CONCRETE HOUSEKEEPING PADS BY M.C.- R/W #5 @ 16" O.C. EA. WAY (CTR'D IN SLAB). VERIFY SIZE, NUMBER AND LOCATION WITH MECHANICAL.
 - (7) (X) INDICATES PIER DETAIL- REFER TO PIER DETAILS LOCATED ON SHEET S201 FOR PIER SIZE & REINFORCING.
 - (8) MECHANICAL PIPING CROSSING FOUNDATION WALL- SEE FOLLOWING RECOMMENDATIONS REGARDING PIPING & FOUNDATION CONFLICTS INDICATED ON PLAN. COORDINATE ALL OTHER LOCATIONS NOT SHOWN WITH STRUCTURAL ENGINEER.

FOUNDATION DESIGN NOTE:
 FOUNDATION DESIGN IS BASED ON ASSUMED PRE-ENGINEERED METAL BUILDING (PEMB) COLUMN CONFIGURATIONS, LOCATIONS & COLUMN REACTIONS. FINAL PEMB DRAWINGS ARE TO BE PROVIDED TO THE STRUCTURAL ENGINEER OR RECORD (S.E.R.) SUCH THAT ANY REQUIRED FOUNDATION REVISIONS CAN BE PROVIDED PRIOR TO SUBMITTAL OF REBAR FABRICATION SHOP DRAWINGS.

PAD FOOTING SCHEDULE
 (2,000 PSF SOIL BEARING CAPACITY)

FOOTING REINFORCING NOTES:
 1.) SPACE BARS EVENLY EACH WAY ACROSS MATS
 2.) UNLESS NOTED OTHERWISE, ALL REBAR MATS ARE REQUIRED TO BE LOCATED 3" CLEAR FROM BOTTOM AND SIDES OF FOOTING

SIZE	THICKNESS	REINFORCEMENT
4'-0" SQ.	12"	(6)-#4 HORIZ. EA. WAY
4'-6" SQ.	12"	(6)-#4 HORIZ. EA. WAY
6'-0" SQ.	14"	(6)-#5 HORIZ. EA. WAY

SOIL NOTE:
 ALL CONCRETE FOUNDATION DESIGNS ARE BASED UPON THE GEOTECHNICAL REPORT RECOMMENDATIONS BY MATERIAL TESTING SERVICES, (MINOT, ND) WITH MTS REPORT NO. 625-076, DATED JANUARY 29, 2026.
 EXISTING ON-SITE UNCONTROLLED FILL MATERIAL WITHIN THE BUILDING FOOTPRINT (VARIES 2 FEET TO 9 FEET BELOW GRADE PER GEOTECHNICAL REPORT) IS TO BE REMOVED AND REPLACED WITH STRUCTURAL FILL MATERIAL AS APPROVED BY GEOTECHNICAL ENGINEER. SOIL CONDITIONS AND BEARING MATERIAL ARE TO BE REVIEWED AND APPROVED IN WRITING BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING FOUNDATIONS TO ACHIEVE THE SOIL BEARING CAPACITY INDICATED IN THE GENERAL STRUCTURAL NOTES AND THE PAD FOOTING SCHEDULE.

WATER & SEWER BUILDING
 CITY OF MINOT
 1000 3rd St. SE
 MINOT, ND 58701

DATE
 1/20/2026

CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

#	DATE	REVISION
1	2/25/26	Addendum #2

PROJECT NO. C25281
 DRAWN BY: MDB
 CHECKED BY: DJK

SHEET
S101
 FOUNDATION PLAN



I hereby certify that this plan specification, or report was prepared by me or under my direct supervision, and that I am a duly Registered Architect under the laws of the State of North Dakota.
Brandon J. JTK
Date: 1/20/2026 Ref. No. 1774



WATER & SEWER BUILDING
CITY OF MINOT
1000 31st St. SE
MINOT, ND 58701

DATE
01/20/2026

CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

#	DATE	REVISION
2	02/26/2026	Addendum #2

PROJECT NO. 825132
DRAWN BY: JTK
CHECKED BY: EMA

SHEET

A101

FIRST FLOOR PLAN

FLOOR PLAN GENERAL NOTES

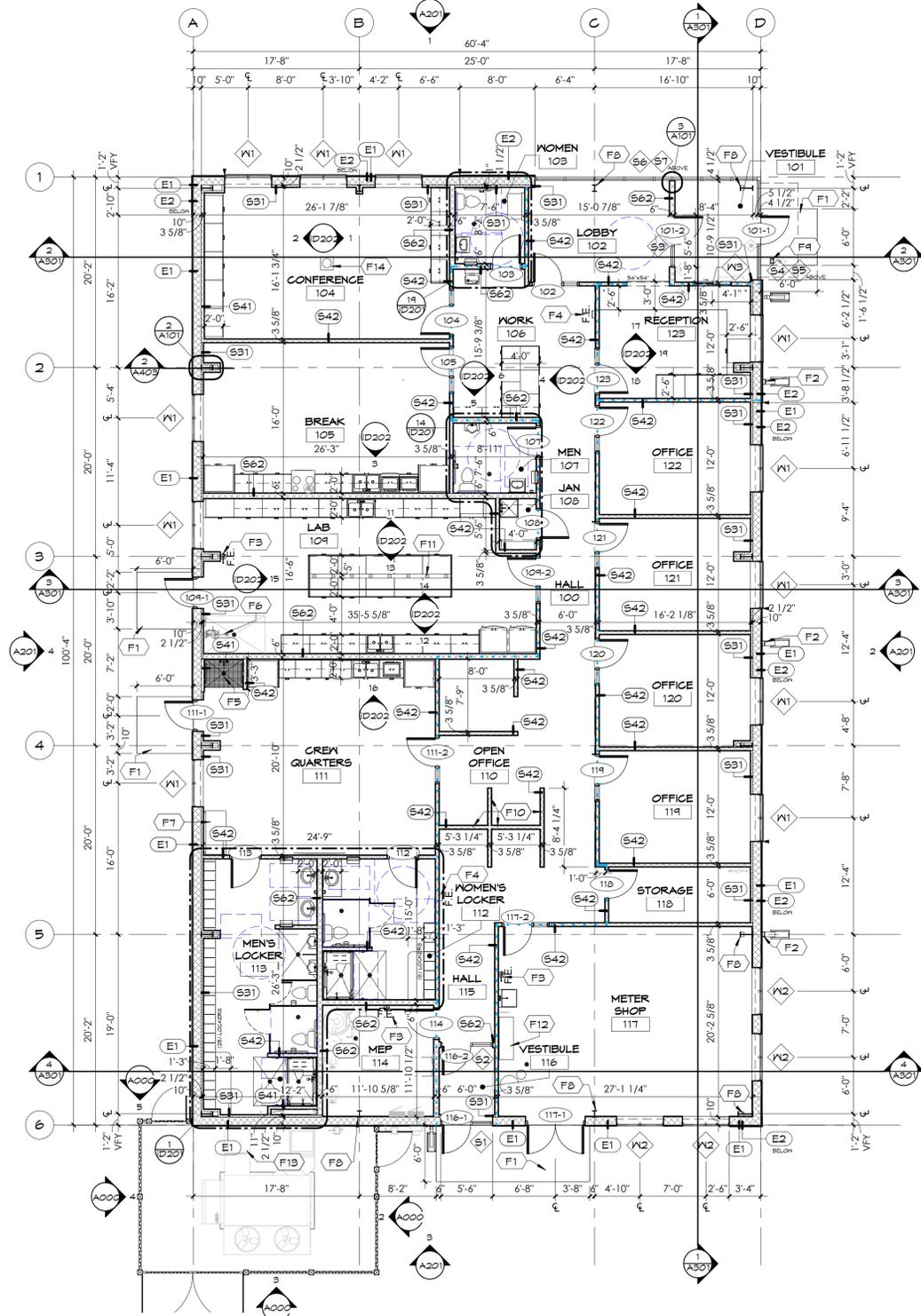
- FLOOR PLAN WALL DIMENSIONS ARE TO FACE OF STUDS / FACE OF CONCRETE, TYP. UCN. WINDOWS & DOORS ARE DIMENSIONED TO THE CENTERLINE OF THE OPENING, TYP. UCN. ALUMINUM STOREFRONT SYSTEM DIMENSIONS ARE TO THE OUTSIDE OF THE STOREFRONT FRAMING SYSTEM, NOT INCLUDING GAPS FOR THE ROUGH OPENING. ALL FURNITURE SHALL BE PROVIDED AND INSTALLED BY OWNER UCN.
- DASHED LINE @ W1 & W2 WINDOWS INDICATES ROLLER SHADE LOCATIONS. SEE ALTERNATES FOR MORE INFORMATION. INSTALL BLOCKING AT ALL LOCATIONS, WHETHER OR NOT ALTERNATE IS ACCEPTED.
- ALL EXTERIOR PERIMETER S31 & S41 FURRING WALLS & COLUMN WRAPS TO BE 11'-0" TALL. ALL OTHER WALLS TO EXTEND FROM T.O. FLOOR SLAB TO B.O. STANDING SEAM METAL ROOFING.

WALL TYPE GENERAL NOTES

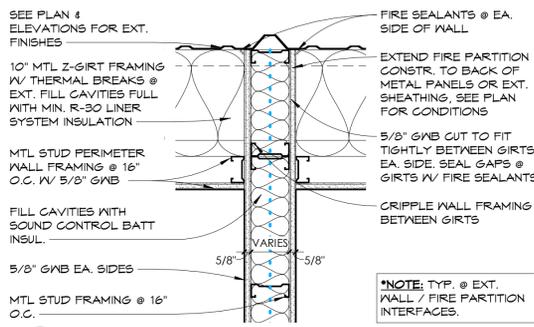
- PARTITION TYPE DESCRIPTIONS DO NOT INCLUDE ALL INTERIOR FINISH INFORMATION. SEE FINISH PLAN(S), FINISH LEGEND, ROOM FINISH SCHEDULE, AND INTERIOR ELEVATIONS FOR MORE INFORMATION.
- ALL WALLS SHALL BE CONSTRUCTED TO DECK ABOVE UNLESS OTHERWISE NOTED. COMPLETELY SEAL WITH CONTINUOUS ACOUSTICAL SEALANT ALL PARTITION HEADS, BASES, AND ENDS TO ADJACENT WALLS, STRUCTURE, AND/OR SLAB. SEAL ALL PENETRATIONS INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, AND PLUMBING WORK. PROVIDE ACOUSTICAL SEALANT AT NON-RATED PARTITIONS AND FIRE-RATED ACOUSTICAL SEALANT AT RATED PARTITIONS.
- PROVIDE CLOSURE TO DECK ABOVE WITH SPECIFIED EXPANDING ENCLOSURES, RIGID MINERAL WOOL INSULATION BOARD CUT TO FIT TIGHTLY AT OPENINGS, SEALANTS, OR OTHER APPROVED METHOD. DO NOT USE EXPANDING FOAM INSULATION FOR THIS PURPOSE.
- SEE WALL SECTIONS FOR VERTICALLY STACKED EXTERIOR WALL ASSEMBLIES. SEE STRUCTURAL FOR ALL REINFORCING REQUIREMENTS OF WALL CONSTRUCTION.
- AT EXPOSED STRUCTURE, CUT GNB TO FIT TIGHTLY BETWEEN FLUTES OF ROOF DECKING. AT CMU WALLS, PROVIDE L-SHAPED PREFINISHED METAL CLOSURE PLATE TO ATTACH TO ROOF DECK TO COVER INSULATION AT TOP OF WALL.
- AT PENETRATIONS IN RATED WALLS EXCEEDING 96 SQUARE INCHES, LINE PENETRATION WITH THE SAME LAYERS OF GNB AS THE ADJOINING WALL.
- PROVIDE TILE BACKER BOARD BEHIND ALL WALL TILE LOCATIONS.
- ALL TOP TRACKS ON NON-LOAD BEARING WALLS ARE TO BE SLIP TRACKS. PROVIDE MOVEMENT AS REQUIRED IN SPECIFICATIONS. DO NOT FASTEN GYPSUM BOARD OR STUDS TO TOP RUNNER.
- PROVIDE BRACING WHERE PARTITION HEIGHT EXCEEDS MANUFACTURER'S ALLOWABLE HEIGHT. DO NOT BRACE TO DUCTWORK OR OTHER SUCH COMPONENTS. VERIFY ALLOWABLE HEIGHT PSF REQUIREMENTS WITH LOCAL CODE OFFICIAL.
- WALL ASSEMBLIES AND PARTITIONS THAT RECEIVE FIRE RESISTANT RATINGS SHALL BE CONSTRUCTED PER TESTED ASSEMBLIES, MANUFACTURER'S RECOMMENDATIONS, AND THE REQUIREMENTS OF ALL APPLICABLE CODE AND LOCAL GOVERNING AUTHORITIES. PENETRATIONS OR PRODUCTS FOR USE IN SPECIFIC FIRE RATED ASSEMBLIES SHALL BE BASED ON SUCCESSFUL PERFORMANCE IN FIRE TESTS. THESE PENETRATIONS MAY INCLUDE BUT ARE NOT LIMITED TO ITEMS SUCH AS PIPING, CONDUIT, OR HVAC DUCTWORK. EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE RATED SEALANT/Joint STOPPING @ ALL FIRE RATED PENETRATIONS.
- PROVIDE WOOD BLOCKING AND/OR SHEET METAL IN STL. STUD PARTITIONS AS REQUIRED FOR SUPPORT AND/OR INSTALLATION OF DOOR FRAMES, MILLWORK, MOLDINGS, HANDRAILS, GRAB BARS, WINDOW TREATMENTS, AND ALL OTHER WALL MOUNTED ITEMS. BLOCKING PLAN/DIAGRAM SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL PRIOR TO STARTING WORK.
- ALL BLOCKING IN WALL PARTITIONS SHALL BE WOOD (FIRE TREATED WOOD BLOCKING AT RATED WALLS).
- PROVIDE VERTICAL CONTROL JOINTS FOR ANY UNINTERRUPTED PARTITION LENGTH AT 30'-0" O.C. IN THE HORIZONTAL DIRECTION WHERE INDICATED OR AS REQUIRED. VERIFY LOCATIONS WITH ARCHITECT BEFORE INSTALLATION.

KEYNOTES

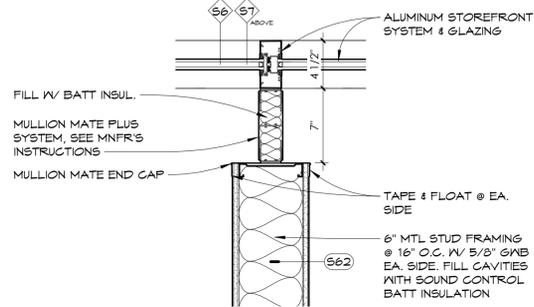
- F1 REINFORCED CONCRETE STOOP. SEE STRUCTURAL.
- F2 PREFIN. MET. OPEN-FACED DOWNSPOUT. CONNECT TO PREFIN. MET. GUTTER ABOVE. PROVIDE PRECAST CONCRETE SPLASH BLOCK BELOW.
- F3 FIRE EXTINGUISHER ON WALL MOUNTED BRACKET.
- F4 FIRE EXTINGUISHER IN SEMI-RECESSED WALL CABINET.
- F5 BOOT WASH STATION. PROVIDE RECESSED FLOOR SLAB, REMOVABLE METAL GRATE, (2) 24" HORIZONTAL GRAB BARS, FLOOR DRAIN, AND WALL MOUNTED FAUCET W/ THREADED CONNECTION FOR COMPATIBILITY WITH A GARDEN HOSE. SLOPE CONCRETE FLOOR TO DRAIN & PROVIDE 5'-0" H FRP WAINSCOT @ ALL SIDES. SEE STRUC. & MECH.
- F6 EMERGENCY EYEWASH / SHOWER STATION W/ FLOOR DRAIN BELOW. SLOPE FLOOR TO DRAIN.
- F7 APPLIANCE(S) BY OTHERS.
- F8 STRUCTURAL STEEL FRAMING PAINTED AT ALL EXPOSED LOCATIONS, TYP. COLOR SELECTED BY ARCHITECT. SEE STRUC.
- F9 POWER DOOR ACTUATOR BUTTON & BOLLARD POST W/ SIDE MOUNTED CARD ACCESS READER. SEE ELEC.
- F10 5'-0" HIGH HALF WALLS W/ WOOD TRIM CAP. SEE CASEWORK DETAILS.
- F11 C.TOP MOUNTED OUTLETS THIS ISLAND @ 24" O.C. SEE ELEC. GC TO HOLE CUT C.TOPS. VERIFY QUANTITY AND LOCATIONS W/ ARCHITECT PRIOR TO INSTALLATION. EC TO PROVIDE & INSTALL OUTLETS & MAKE ALL ASSOCIATED POWER CONNECTIONS.
- F12 OWNER'S EXISTING WATER METER TESTING APPARATUS. RE-INSTALL BY OWNER.
- F13 INSULATED MECHANICAL DUCTWORK. SEE MECHANICAL. PROVIDE COLOR MATCHING METAL TRIM & SEALANTS AT PERIMETER OF OPENING. PACK ANNULUS W/ MINERAL WOOL INSULATION @ SEAL.
- F14 RECESSED MULTIMEDIA FLOOR BOX. SEE ELECTRICAL.



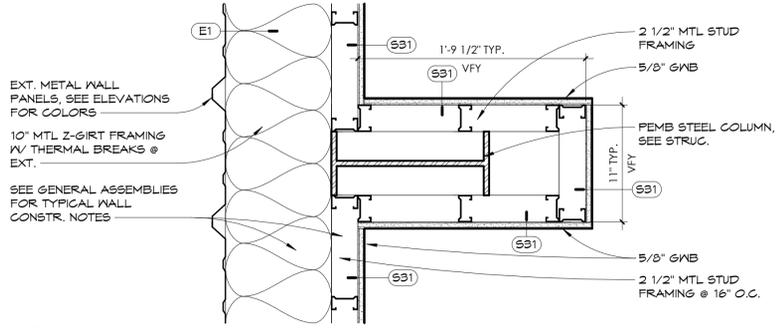
1 FIRST FLOOR PLAN
A101 1/8" = 1'-0"



4 PLAN DETAIL - FIRE PARTITION CONTINUITY
A101 1 1/2" = 1'-0"



3 PLAN DETAIL - MULLION MATE
A101 1 1/2" = 1'-0"



2 PLAN DETAIL - GNB COLUMN WRAP
A101 1 1/2" = 1'-0"



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I hereby certify that this plan specification, or report was prepared by me or under my direct supervision, and that I am a duly Registered Architect under the laws of the State of North Dakota.
Benjamin J. Estvoid
Date: 1/20/26 Ref. No. 1774



WATER & SEWER BUILDING
CITY OF MINOT
1000 31st St. SE
MINOT, ND 58701

DATE
01/20/2026

CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

#	DATE	REVISION
2	02/26/2026	Addendum #2

PROJECT NO. 825132
DRAWN BY: JTK
CHECKED BY: BMA

SHEET
id100
FINISH PLANS & SCHEDULE

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		WALLS				CEILING		REMARKS
		FINISH	BASE	NORTH FINISH	EAST FINISH	SOUTH FINISH	WEST FINISH	FINISH	SOFFIT	
100	HALL	CPT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-2	PAINT-2	ACT		
101	VESTIBULE	CPT-2	VINYL BASE	PAINT-1	PAINT-1	PAINT-2	PAINT-2	ACT		2
102	LOBBY	CPT-1	VINYL BASE	PAINT-1/PAINT-2	PAINT-1/PAINT-2	PAINT-1	PAINT-1	ACT		2
103	WOMEN	CT-1	CT-2	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	ACT		1
104	CONFERENCE	CPT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-2	PAINT-2	ACT		
105	BREAK	LVT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-1/CT-3	PAINT-3	ACT		1
106	WORK	CPT-1	VINYL BASE	N/A	N/A	PAINT-1	PAINT-1	ACT		
107	MEN	CT-1	CT-2	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	ACT		1
108	JAN	SEALED CONCRETE	VINYL BASE	PAINT-1/FRP	PAINT-1	PAINT-1	PAINT-1	ACT		
109	LAB	LVT-2	VINYL BASE	FRP-2/PAINT-1	PAINT-1	FRP-2/PAINT-1	PAINT-1	ACT		
110	OPEN OFFICE	CPT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-2	PAINT-2	ACT		
111	CREW QUARTERS	LVT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-1	PAINT-1	ACT		
112	WOMEN'S LOCKER	CT-1	CT-2	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	ACT		1
113	MEN'S LOCKER	CT-1	CT-2	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	CT-2/CT-3/PAINT-1	ACT		1
114	MEP	SEALED CONCRETE	VINYL BASE	PAINT-1	PAINT-1	PAINT-1	PAINT-1	LP-1		
115	HALL	CPT-1/ LVT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-1	PAINT-2	ACT		
116	VESTIBULE	LVT-1	VINYL BASE	PAINT-1	PAINT-1	PAINT-1	PAINT-1	ACT		
117	MEIET SHOP	SEALED CONCRETE	VINYL BASE	LP-1	LP-1	LP-1	LP-1	LP-1		
118	STORAGE	SEALED CONCRETE	VINYL BASE	PAINT-1	PAINT-1	PAINT-1	PAINT-1	LP-1		2
119	OFFICE	CPT-1	VINYL BASE	PAINT-1	PAINT-2	PAINT-1	PAINT-1	ACT		
120	OFFICE	CPT-1	VINYL BASE	PAINT-1	PAINT-2	PAINT-1	PAINT-1	ACT		
121	OFFICE	CPT-1	VINYL BASE	PAINT-1	PAINT-2	PAINT-1	PAINT-1	ACT		
122	OFFICE	CPT-1	VINYL BASE	PAINT-1	PAINT-2	PAINT-1	PAINT-1	ACT		
123	RECEPTION	CPT-1	VINYL BASE	PAINT-1	PAINT-2	PAINT-1	PAINT-1	ACT		

FINISH SCHEDULE REMARKS:

- WHERE TILE IS PRESENT, INSTALL SCHLUTER TRIM PIECES @ ALL CORNERS, FLOOR/WALL INTERSECTIONS, TRANSITIONS, AND EXPOSED EDGES, TYPICAL U.N.O.
- PAINT ALL EXPOSED STRUCTURE, MEP EQUIPMENT, DUCTWORK, PIPING, CONDUITS, ETC. COORDINATE PAINT TYPES & COLORS WITH ARCHITECT.

FINISH SCHEDULE ABBREVIATIONS (USED IN SCHEDULE):

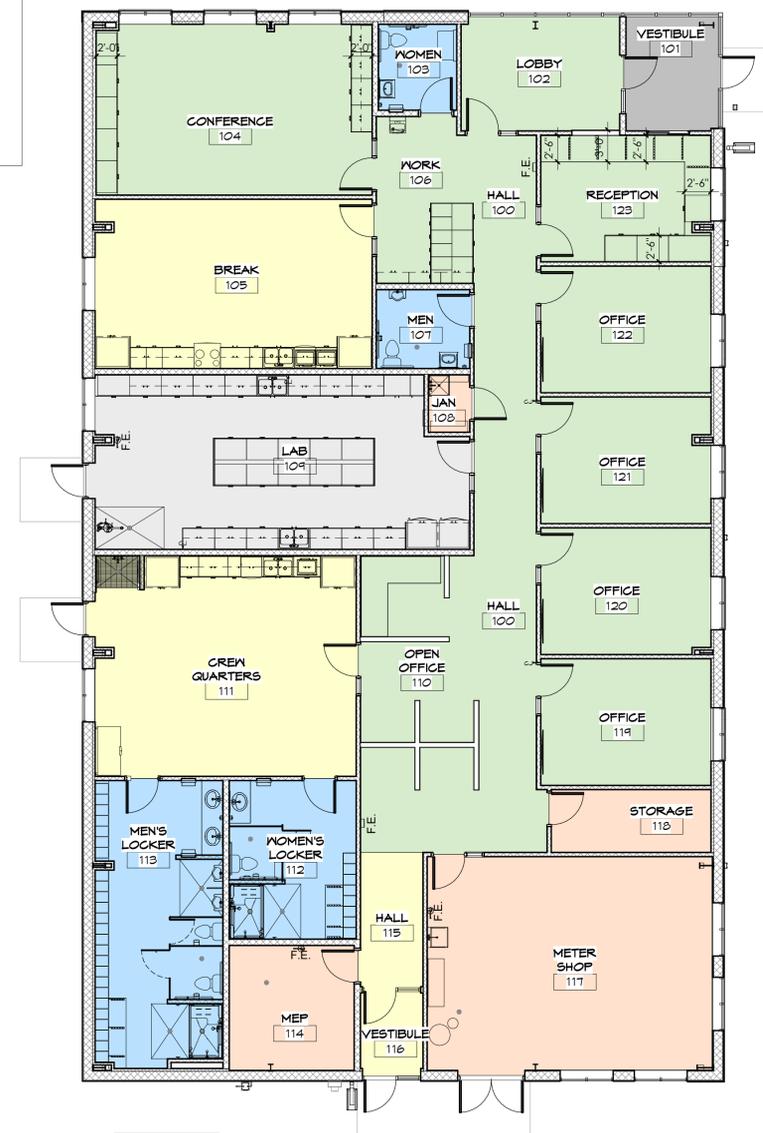
ACT	ACOUSTIC CEILING TILE
AMY	ADHERED MASONRY VENEER
CONC	CONCRETE
CPT	CARPET TILE
CT	CERAMIC TILE
EXG	EXISTING
FRP	FIBER REINFORCED PLASTIC (PANELS)
GMB	GYPSUM WALL BOARD
LP	METAL LINER PANEL
PT	PORCELAIN TILE
PNT	PAINT
RB	RESILIENT BASE
SSF	SOLID SURFACE

INTERIOR & FINISH GENERAL NOTES

- ALL EXPOSED GMB TO BE PAINTED ON WALLS AND CEILINGS (INCLUDING GMB ON SURFACES ABOVE CLOUD CEILINGS), UNLESS NOTED OTHERWISE.
- ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED UNLESS NOTED OTHERWISE, SEE DOOR SCHEDULE.
- FLOOR FINISHES ARE TO EXTEND BENEATH COUNTERS, APPLIANCES AND ANY OTHER FLOOR MOUNTED EQUIPMENT OR MILLWORK.
- PROVIDE 3/4" PRIMED & PAINTED PLYWOOD BACKING BOARDS IN ALL DATA AND ELECTRICAL ROOMS.
- ALL WALL BASE TO BE CONTINUOUS IN ROOMS, UNLESS NOTED OTHERWISE IN ELEVATIONS.
- NO RESILIENT WALL BASE TO MEASURE LESS THAN 4'-0" IN LENGTH.
- LOCATE ACOUSTICAL CEILING TILE GRIDS AS DIMENSIONED.
- PROVIDE SEAMING PLANS FOR ALL PLASTIC LAMINATE FOR APPROVAL.
- PROVIDE 3/4" PLYWOOD OR SOLID WOOD BLOCKING BETWEEN STUDS TO CREATE CONTINUOUS MOUNTING SURFACE WHERE WALL MOUNTED SHELVING, CABINETS, ACCESSORIES ARE INDICATED.
- SEE ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION ON THE APPLICATION OF MATERIALS.
- COORDINATE LOCATIONS OF FLOOR CONTROL JOINTS WITH CONCRETE CONTRACTOR. PROVIDE EXPANSION, ISOLATION, CONSTRUCTION, OR CONTROL JOINTS. TILE CONTRACTOR SHALL PROVIDE A CRACK ISOLATION MEMBRANE OVER ALL HORIZONTAL TILED SURFACES.
- TILE CONTRACTOR SHALL PROVIDE PERIMETER AND FIELD MOVEMENT JOINTS AS INDICATED IN THE TCNA HANDBOOK WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT. THE LOCATION AND FREQUENCY OF THESE JOINTS SHALL COMPLY WITH THE TCNA HANDBOOK.
- SUBSURFACE TOLERANCES SHALL MEET THE REQUIREMENTS OF THE TCNA HANDBOOK AND FLOOR FLATNESS AND LEVELNESS TOLERANCES SPECIFIED IN THE CAST-IN-PLACE CONCRETE SPECIFICATION. TILE CONTRACTOR SHALL PROVIDE A BID ALLOWANCE FOR ANY NECESSARY FLOOR PREPARATION NEEDED TO BRING THE FLOOR INTO TOLERANCE FOR TILE.
- GMB CONTROL JOINTS ARE NOTED ON INTERIOR ELEVATIONS WITH "CJ".
- PROVIDE CONTROL JOINT LAYOUT / LOCATIONS TO ARCHITECT FOR APPROVAL IF DEVIATION FROM THOSE NOTED IS PROPOSED.
- DIMENSIONS ARE RELATIVE TO FLOOR (100'-0" FFE) UNLESS OTHERWISE NOTED.
- EQUIPMENT AND ACCESSORIES ARE INTENDED TO BE LOCATED TO MEET ALL CODES, INCLUDING ACCESSIBILITY. NOTIFY ARCHITECT IF MOUNTING HEIGHT INDICATED DEVIATES.
- ALIGN FIXTURES / EQUIPMENT AS SHOWN ON DRAWINGS, ALSO INDICATED BY CENTERLINES.
- REFER TO TILE PATTERNS ON INTERIOR ELEVATIONS FOR ENLARGED PATTERN INFORMATION.
- ELEVATION, DETAIL, ETC. TAGS WITH "SIM" NOTATION REFER TO SPACE THAT MAY BE SIMILAR AND/OR MIRRORRED IN ORIENTATION, ONE OR BOTH CONDITIONS MAY OCCUR. ELEVATIONS, DETAILS, ETC. THAT ARE REPEATED IN A SIMILAR AND/OR MIRRORRED CONDITION ARE DRAWN ONCE FOR CLARITY. IF QUESTIONS OR OBSERVATIONS OF VARIABLES SHOULD ARISE DURING CONSTRUCTION, CONTACT THE ARCHITECT.
- THE GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE WOOD OR METAL BLOCKING AND BACKING FOR ALL WALL AND CEILING MOUNTED EQUIPMENT INDICATED IN THESE DOCUMENTS, WHETHER OR NOT THIS EQUIPMENT IS PROVIDED IN THIS CONTRACT OR BY OTHERS (CASEWORK AND EQUIPMENT, OR OWNER). REFERENCE PLANS AND INTERIOR ELEVATIONS TO IDENTIFY ALL LOCATIONS.
- PAINTING CONTRACTOR TO SET UP PRE-INSTALLATION MEETING WITH DESIGN TEAM PRIOR TO PAINTING.
- PAINT ALL EXPOSED STRUCTURE, MEP EQUIPMENT, DUCTWORK, PIPING, CONDUITS, ETC. COORDINATE PAINT TYPES & COLORS WITH ARCHITECT.

FINISH KEY

	CERAMIC TILE-1 (CT-1)
	LUXURY VINYL TILE-1 (LVT-1)
	LUXURY VINYL TILE-2 (LVT-2)
	CARPET TILE-1 (CPT-1)
	CARPET TILE-2 (CPT-2)
	SEALED CONCRETE SLAB ON GRADE (CONC-1)
	CJ ▶ GMB CONTROL JOINT



1 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"

