



Addendum #	2	Date Issued	February 11, 2026
Project Name Job #	Powers Lake School Ag Ed Addition and Renovation		20254400
Bid Date Time	February 18 th , 2026		2:00pm Local Time

THIS ADDENDUM AMENDS AND BECOMES PART OF THE CONTRACT DOCUMENTS FOR EAPC PROJECT 20254400 DATED JANUARY 16th, 2026, RESPECTIVELY. EACH BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY MARKING THE ADDENDUM NUMBER AND DATE ON THE BID FORM.

PLAN HOLDERS LIST

The current Plan Holders List is attached.

SPECIFICATIONS

00 3000 Forms **DELETE** in its entirety. **REPLACE** with attached 00 3000 Forms.

09 6513 Resilient Base and Accessories **REVISE** Section 2.1 A. 3.

09 6813 Tile Carpeting **REVISE** Section 2.1 A. 1.

REVISE Section 2.2 in its entirety.

32 1723 Traffic Control Markings **DELETE** in its entirety.

23 1724 Site Signage **DELETE** in its entirety.

DRAWINGS

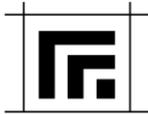
C500 Civil Details Detail 4/C500, Aggregate surface applies to this project (12" aggregate base & 12" subgrade prep).

A200 **REVISE** room 105 floor elevation to be 96'-0".

A201 **REVISE** door 105 location and casework layout in room 105. Storage 104 east wall to recess in to accommodate door 105.

A301 **REVISE** room 105 ceiling height to be 9'-0".

A421 **ADD** section 6/A421 to cut through the ITV room.



ADDENDUM 2 *continued*

- A441 **ADD** wall section 10/A441 to show difference in height from finish floor to window.
- REVISE** 3/A441 to adjust floor height in room 105 and show difference in finish floor to window height.
- A801 **REVISE** Door Schedule. Doors 100 & 107 to have a 90 Minute fire rating.
- A901 **REVISE** locations of PNT-3.
- ADDED** CG-2 to corners of CORR. 107 outside room 104.
- A921 **REVISE** 09 6513 ST-1.
- REVISE** 09 6813 CPT-2.
- REMOVE** 09 6813 CPT-3.
- A931 **REVISE** locations of signage 002 & 005.
- M301 **REVISE** ductwork layout above & around room 105
- E201 **REVISE** room 105 East wall Receptacles. Two GFCI by sink. Panel A1 & receptacle shifted east with wall. Room 104 Receptacle shift.
- E301 **REVISE** room 105 Under Cabinet lights, dimmer and wall exit light. Room 104 new layout. Room 106 dimmer and Can Light shifted with wall.
- ADDED** can light by Room 104 door.
- E401 **REVISE** room 105 new layout east wall and speaker.
- E501 **REVISE** room 105 East Wall. Room 104 Smoke Detector shift.
- S201 **REVISE** slab elevations, pier elevations, & hold-down locations.
- ADD** catch basin
- S701 **REVISE** 14/S701 to show angle correctly

PRIOR APPROVALS

	Type	Manufacturer
08 4313	Aluminum Framed Storefront	Oldcastle Building envelope OBE 3000XT



ADDENDUM 2 *continued*

22 1006	Cleanouts, Downspout Nozzles, Floor Drains, Overflow Roof Drains, & Roof Drains	Watts Drainage Products
22 1006	Water Heaters	State Industries
23 3423	Ceiling Exhaust Fans	Twin City
23 3700	Louvers	Nailor
	Louvers	Pottorff
23 7416	Rooftop Units	Valent
23 8200	Electric Unit Heaters	Qmark
26 0923	GreenMax	Leviton
26 5100	Type	Manufacturer
	A/A1/B	Daybrite 2DLG
	C/C1	Lightolier Modulyte LED
	E1/E2	Chloride 46L1R
	EM/EM1	Chloride VLLU2
	S/S1	Daybrite VTS
	T	Daybrite FluxStream
	U	Daybrite LINCS LED
	V	Daybrite Cublite LED
	W	Gardco GeoForm

**ATTACHMENTS**Specifications:

003000 Forms

09 6513 Resilient Base and Accessories

09 6813 Tile Carpeting

Geotechnical Report by Materials Testing Services, dated January 13, 2026.

Drawings:

A200	FINISH FLOOR ELEVATION PLAN
A201	LOWER LEVEL FLOOR PLAN
A301	FIRST FLOOR REFLECTED CEILING PLAN
A421	BUILDING SECTIONS
A441	WALL SECTIONS
A801	DOOR SCHEDULE, DOOR AND WINDOW ELEVATIONS
A901	FINISH PLAN
A921	INTERIOR FINISH DETAILS & MATERIAL IDENTIFICATION CODES
A931	SIGNAGE PLAN AND SCHEDULE
M301	FIRST FLOOR VENTILATION PLAN
E201	FIRST FLOOR POWER PLAN
E301	FIRST FLOOR LIGHTING PLAN
E401	FIRST FLOOR SYSTEMS PLAN
E501	FIRST FLOOR FIRE ALARM PLAN
S201	FIRST FLOOR SLAB PLAN
S701	FRAMING DETAILS

END ADDENDUM 2

Report of Geotechnical Exploration Program

**Proposed Power Lake School Additions
Powers Lake, North Dakota
MTS G25-072**

For

Powers Lake School District

January 13, 2026



January 13, 2026

Attn: Jake Loeks
Powers Lake School District
PO Box 346
Powers Lake, ND 58773

ref: **Geotechnical Exploration Program
Proposed Power Lake School Additions
Powers Lake, North Dakota
MTS No. G25-072**

Enclosed is the geotechnical report that we recently completed for the proposed project. We are transmitting this report as an electronic file in pdf format. If you require a hard copy, please contact us. The work was conducted in general accordance with our proposal dated October 20, 2025.

Approximately 50 percent of the soil samples will be stored at the laboratory for approximately 30 days from the date of this report. The samples will then be discarded unless we are requested to store them for longer.

We appreciate the opportunity to be of service to you on this project. If there are questions about the data or our recommendations, please contact us at 701-852-5553. Also, please contact us when you are ready for excavation observations and compaction test of controlled fill.

Sincerely,
MATERIAL TESTING SERVICES, LLC

A handwritten signature in black ink that reads 'Steven Wald'.

Steven Wald, PE
President

MINOT
P.O. Box 634
Minot, ND 58702
701.852.5553



WILLISTON
7101 W 2nd Ave
Williston, ND 58801
701.572.4226

 materialtestingservicesnd.com

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Powers Lake, North Dakota
MTS G25-072**

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APPENDICES

APPENDIX A – FIELD EXPLORATION PROGRAM

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- A.2 Surface Observations
- A.3 Subsurface Conditions
- A.4 Water Levels
- A.5 Soil Sampling
- A.6 Soil Classification Procedure

Attachments to Appendix A

Site Drawings
Profile Drawing
Boring Logs
Symbols & Descriptive Terminology on Test Boring Logs
Soil Classification Sheet

APPENDIX B – LABORATORY TEST PROGRAM

- B.1 Testing Scope
- B.2 Test Methods

Attachments to Appendix B

Unconfined Compression

APPENDIX C

Precautions for Excavating & Refilling During Cold Weather

Report of Geotechnical Exploration

**Proposed Power Lake School Additions
Powers Lake, North Dakota
MTS G25-072**

1. INTRODUCTION

1.1. Authorization

The work was conducted in general accordance with our proposal dated October 20, 2025.

1.2. Scope of Services

The authorized scope of services included soil borings, laboratory testing and an engineering report.

Authorized work included four soil borings for the southwest corner addition and six soil borings for the east addition. The borings were drilled to nominal depths of 15 to 30 feet. Soil sampling was to be performed using standard penetration test (SPT) procedures. Laboratory tests in the proposal included moisture content, dry density, gradation through a #200 sieve, Atterberg limits (liquid & plastic limits) and unconfined compression testing. If soft cohesive soils were encountered undisturbed 3-inch diameter thin-walled Shelby tubes were to be taken.

The authorized engineering report includes the results of the field and laboratory testing as well as engineering recommendations regarding:

- a. Site preparation
- b. Foundation types and depths
- c. Allowable bearing capacity and estimated potential foundation settlement
- d. Potential construction difficulties
- e. Potential expansive or compressible soils
- f. Site drainage
- g. Exterior backfill
- h. Floor slabs
- i. Frost considerations
- j. Lateral earth pressures
- k. Excavation slopes
- l. Construction monitoring

Determining if there is potential on-site contamination is not included in the scope of services. However, a strong petroleum odor and staining of the soil was observed in BH-1 and BH-2 for the southwest addition.

2. ENGINEERING REVIEW

2.1. Project Data

If the project information presented below is not correct or has been changed, it is necessary that the correct project data be presented to us for further review.

We understand the proposed project will consist of two additions. Addition 1 will be in the southwest corner of the existing building. The addition will be approximately 3,400 sf consisting of a shop, locker space, toilet room, classroom space, and a corridor. Addition 2 will be 28,675 sf and is located on the east side of the existing building and will include a new gymnasium. Finish floor elevations will nearly match the existing floor slabs where the additions attach.

We assumed that strip footing loads will not exceed 80 kips per foot and that column loads, if any, will not exceed 300 kips. We assume the maximum settlement under working load is 1 inch and a maximum differential settlement of ½ inch.

2.2. Special Concerns and Constructability

Uncontrolled fill and topsoil were encountered in both addition footprints. The existing fill and topsoil should be removed below the entire addition footprint and replaced with controlled, compacted fill. A significant portion of the fill soil, especially for the east addition, appeared to topsoil and organics. Therefore, won't be satisfactory for reuse as controlled, compacted fill.

The clayey soils at the site are susceptible to frost heave. Therefore, seasonal frost movement of pavement, sidewalks and miscellaneous structures supported above the frost depth can be expected.

Care must be taken during construction so that existing footings are not undermined or disturbed during construction.

A strong petroleum odor and staining of the soil was observed in BH-1 and BH-2 for the southwest addition. Assessment of the contaminated soil is outside the scope of this exploration. We recommend reporting on the environmental condition to the ND Department of Environmental Quality. Please contact us if you wish to have us further assess the contaminated soil.

2.3. Excavation and Site Preparation

2.3.1. Building

As previously stated, fill and topsoil were encountered in the borings up to 6.5 feet below existing grades. The fill and topsoil should be removed below each addition footprint and replaced with controlled, compacted fill. The tables below list the depth of fill or topsoil encountered at each boring for reference.

Table 1 – Uncontrolled Fill or Topsoil Depths

Boring	Ground Elevation	Depth to Bottom of Existing Fill or Topsoil (feet)
SW Addition		
BH-1	100.1	1.5
BH-2	100.6	1.0
BH-3	101.0	0.3
BH-4	99.7	1.0
East Addition - Gymnasium		
A-BH-1	97.8	2.0
A-BH-2	99.0	6.5
A-BH-3	99.0	2.0
A-BH-4	98.8	6.5
A-BH-5	98.9	0.3
A-BH-6	98.8	6.5

Where excavations extend below the bottom of the footings, we recommend providing a lateral excavation oversize of 1 foot for each 1 foot of fill required below the bottom of the new foundations. The over-size should be measured from the bottom and outside edge of the foundations.

We recommend that the excavated areas be observed by the geotechnical engineer of record or their representative prior to the placement of concrete or controlled, compacted fill. The purpose of the observations would be to make sure that no existing fill or soft natural soil is left in place and that the exposed natural soils can support the proposed fill and structural loads. We wish to point out that there could be deeper excavations required away from the boring locations.

We recommend that a hydraulic excavator be used for foundation excavation. It should have a smooth cutting edge on the bucket. Clay soil should be left undisturbed. Any loose clay soil should be removed. If sand is exposed, we recommend making at least three passes with heavy vibratory compactor on the footing subgrade. However, a determination should be made by the geotechnical engineer at the time of construction.

After the excavations are complete, the backfill should be placed as soon as possible. Also, care should be taken so that the grades slope away from the excavations in the event it rains. Although it is impossible to completely keep rainwater from the site, provisions must be made to protect the excavations as much as possible from the influx of rainwater or surface runoff both during and after construction. Water and any soft/saturated soil should be removed as soon as possible.

The on-site sand and clay that is free of organic material may be used as controlled, compacted fill or backfill. However, it appeared that most of the clayey fill soils contained topsoil and organics and likely are suitable for structural fill. Any import fill needed for the building pad can consist of non-expansive, non-organic lean clay, or pit-run sand or sand with gravel. However, we recommend sand or sand with gravel for fill beneath the footings. Any gravel in the fill should have 100 percent passing the 1-inch sieve. Any imported lean clay

used should have a liquid limit of 40 or less. We would not recommend using fat clay (CH) for fill below the building. All clays should be placed at a moisture content of minus 3 to plus 3 percent of optimum moisture content. Sand should be moisture conditioned as necessary to facilitate compaction. Where clay is used, it should be limited to no more than approximately 6 feet in total thickness below any foundations or floor slabs to aid in reducing settlement.

Loose lift thicknesses of new fill should be no more than 8 inches. Any fill that is to support footings should be compacted to at least 98 percent of the maximum dry density and any fill to support floors should be compacted to at least 95 percent of the maximum dry density as determined according to ASTM D 698 (standard Proctor).

If earthwork is done during periods of freezing temperatures, we recommend protecting the fill from freezing once it has been placed. No frozen soils should be used as fill and fill should not be placed on frozen ground. Earthwork could be difficult in the spring or late fall when conditions are often cool and wet.

2.3.2. Parking and Driveways

The existing non-organic soils at the site are considered poor to fair as subgrade soils for pavements. The subgrade soils are frost susceptible; therefore, some frost movement and/or frost damage can be expected during the life of the pavement.

Any surficial organic soils should be removed, and the pavement areas should be cut, as necessary, to the proposed subgrade elevation. The exposed subgrade soils should be scarified a minimum of twelve inches, moisture conditioned to within three percent of optimum and re-compacted to a minimum of 98 percent of the standard Proctor density. Any soft spots should be stabilized prior to placing base course.

Any off-site fill material can consist of a pit-run sand or sand with gravel, or a non-expansive, non-organic lean clay as described in **Section 2.3.1**. Clayey or cohesive soils should be placed within a moisture content range of minus 3 to plus 3 percent of optimum moisture content.

2.4. Frost Considerations

Footings should be carried to frost depth as indicated in the following sections. Also, no frozen soil should be used as fill and no fill should be placed on frozen ground. Furthermore, the soil should be protected from freezing once it has been placed and compacted and until the building can be heated. Please note the attached information sheet "*Precautions for Excavating and Refilling During Cold Weather*" in Appendix C.

2.5. Foundation Recommendations

2.5.1. Footing Depths

Perimeter footings for heated buildings should be carried to a frost depth of 5 feet. The frost depth should be considered from final grade to the bottom of the footing. Interior footings can be placed at a convenient depth below the floor slab but must be prepared as stated in section 2.3.1.

For footings which will be in an unheated environment, we recommend using a frost depth of 7 feet.

2.5.2. Bearing Capacity and Settlement

With the recommended site preparation, on-site observations by the geotechnical engineer and adequate compaction testing of the new fill, it is our opinion that continuous strip footings can be proportioned using a net allowable soil bearing capacity of up to 2500 psf. Square and circular columns pads can be proportioned using a net allowable soil bearing capacity of up to 3000 psf. These loadings should provide a theoretical safety factor of 3 or more with respect to punching shear failure.

Our calculations suggest that total settlements should be 1 inch or less and that the differential settlement should be ½ inch or less.

2.5.3. Lateral Earth Pressures

Walls that must retain earth should be designed for the at-rest lateral earth pressure. we recommend that the at-rest pressure be considered equivalent to that generated by a fluid

with a total unit weight of 65 pcf for clays and 45 pcf for sand above groundwater levels.

To resist lateral loads, we recommend assuming the natural undisturbed soils have an ultimate passive pressure equivalent to that generated by a fluid having a total unit weight of 375 pcf for clay and 280 pcf for sand. For compacted sand, we recommend using an ultimate passive pressure of 425 pcf. If compacted fill is placed on the passive side next to the foundation resisting lateral loads, it should be compacted to at least 95 percent of maximum density as determined by ASTM D 698. In addition, those portions of the foundations within five feet of final grade in unheated areas should be ignored when calculating passive resistance due to frost softening. An ultimate friction factor of 0.30 can be used between the bottom of the footing and the foundation soils. We wish to point out that these values will give the ultimate resistance to lateral loads. We recommend that a theoretical safety factor of 2.0 be applied for a safe design.

2.5.4. Methods of Analysis

The allowable foundation loading recommended was arrived at using the Terzaghi-Meyerhof bearing capacity equation with estimates using empirical correlations with the “N” values, as well as our experience with similar site and soil conditions.

Settlements were estimated using empirical correlations between the “N” values and the pressuremeter modulus, with consideration given to soil type. The pressuremeter modulus is determined with in-situ pressuremeter testing. The pressuremeter method of analysis was then used.

The equivalent passive, at-rest and active earth pressures were calculated using estimated unit weights and estimated angles of internal friction based on our experience, the laboratory testing and correlations with the Atterberg limits and soil type.

2.6. Floor Slabs

We recommend that the site be prepared as stated in **Section 2.3**. We recommend that slabs-on-grade be constructed structurally independent of foundation walls and columns. We also recommend a minimum 6-inch layer of free draining sand be placed directly below the slabs.

The sand should have less than seven percent passing the #200 sieve by weight. If it contains gravel, the gravel should have a maximum size of one inch. The sandy layer will be used to provide a working surface for concrete placement and serve as a capillary break.

With the site prepared as recommended, it is our opinion that the subgrade modulus of 200 pci can be used if a minimum of 18 inches of granular fill is used below the slab. A subgrade modulus of 100 pci can be used if clay fill is used to within 6 inches of the bottom of the slab.

2.7. Exterior Foundation Backfill

The exterior foundation backfill above the footings could consist of the on-site non-organic sandy lean clay or off-site lean clay or pit-run sand and gravel. The exterior backfill should be placed in loose lift thicknesses not to exceed 8 inches and may have to be less dependent on the compaction equipment used. Compaction should be to a minimum of 92 percent of the standard Proctor density in lawn areas. For sidewalks or lightly loaded structures such as air conditioning units, the compaction should be increased to 95 percent. If there are driveways or parking areas within the backfill zone, the backfill 1 foot or more below the bottom of pavements should be compacted to at least 95 percent and backfill within 1 foot should be compacted to at least 98 percent. Sand fill should be moisture conditioned as required to facilitate compaction. Clayey or cohesive soils should be placed at within a moisture content range of minus 3 to plus 3 percent of optimum moisture content.

2.8. Surface Drainage

We advise that adequate drainage be maintained during and after construction. Unless roof drainage is internal, we also recommend that downspouts and gutters or an appropriate closed conduit system be used to control roof drainage. Downspouts should have extensions that carry roof water well past the backfill line. Splash pads should also be provided at the end of the extensions, if applicable.

If sand is used as exterior backfill, we recommend providing at least a 2-foot-thick clay cap in green areas at the surface to divert surface water away from the building.

The exterior clay backfill should slope away from the buildings at a rate of 1 inch per foot or greater for a distance of at least 10 feet from the building in lawn areas. In parking areas much positive surface drainage should be provided as practical.

2.9. Exterior Slabs

Due to the potential for frost movement for exterior slabs where clay soils are present, precautions should be taken to minimize future post construction movement of sensitive slabs due to frost action. Options available include excavating frost susceptible soils to a depth of 5 feet below the slabs and replacing them with non-frost susceptible sand containing less than 5 percent passing the #200 sieve by weight. Another option would be to place at least 4 inches of extruded polystyrene foam insulation below the slabs and extend it at least 8 feet laterally past the edge of the slabs. Typically, 6 to 12 inches of sand is placed above the insulation for protection. A third option is to support the slabs or steps on foundations taken to frost depth. At least a 4-inch void should be provided below the slabs if this option is used.

Sensitive slabs are slabs that cannot tolerate much movement without causing some difficulties. An example would be the sidewalk or steps in front of a doorway. It is ***not*** intended to include all exterior sidewalks and driveways, etc.

2.10. Site Classification for Seismic Design

The 2018 IBC manual indicates that the Site Class is based on soil parameters of the upper 100 feet of soil in accordance with Chapter 20 of ASCE 7. Parameters which can be used include soil shear wave velocity, standard penetration resistance and soil undrained shear strength. Table 20.3-1 of ASCE 7 presents the Site Class Definitions. If soil data to a depth of 100 feet is not available in sufficient detail to use Table 20.3-1, Site Class D shall be used unless the building official or geotechnical data determines that Site Class E or F soil is likely to be present at the site. Based on the available test data, we have no indication that either Site Class E or F soils are present. Therefore, we recommend that Site Class D be assumed. If the Site Class for this project must be determined using subsurface data to 100 feet, it is necessary that you contact us for additional drilling services.

2.11. Excavation Slopes

Safe excavations must always be maintained. The excavation contractor is responsible for the safety of the excavations. Current OSHA requirements should be carefully followed when excavating the back slope. The OSHA soil type and excavation requirements must be verified by a competent person for the contractor at the time of construction. MTS does not assume responsibility for site safety or the contractors' activities.

2.12. Existing Building

As stated in section 2.2, care must be taken during construction so that existing footings are not undermined or disturbed during construction.

The existing footings should be provided with a slope of at least 1:1 (horizontal:vertical) outward and downward from the outer edge of the existing footings plus 3 feet.

If deemed necessary by the structural engineer, a properly designed vertical expansion joint capable of handling up to ½" of differential settlement should be provided between the addition and the existing building.

3. CONSTRUCTION OBSERVATION AND TESTING

The recommendations contained in this report have been made based on the subsurface conditions found at the boring locations. It is possible that there are soil conditions on site that were not represented by the borings. Therefore, we presumed that close construction monitoring during excavation and backfilling would be authorized. Consequently, on-site observation during construction is considered integral to the successful implementation of the recommendations.

It is imperative that the geotechnical engineer be on site at the following times to observe the site conditions and effectiveness of the construction. We recommend that the testing be performed by the geotechnical engineer as the **Owner's** representative during construction.

3.1. Excavation Observations

The geotechnical engineer should observe the entire excavation bottom prior to the placement of engineered fill and/or concrete. He would also be available for additional consultation and recommendations if necessary.

3.2. Placement of Fill

It will also be necessary to perform a representative number of compaction tests during placement of engineered fill. The tests should be performed to determine if the required compaction was achieved. As a general guideline, tests should be taken for each 2,500 square feet embankment fill for structures, every 5000 square feet for parking areas, every 75 to 100 feet in trench fill, and for each 2-foot thickness of fill. The actual number of tests should be left to the discretion of the geotechnical engineer.

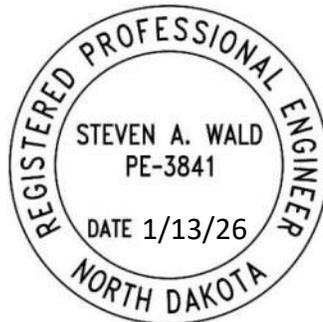
4. EXPLORATION LIMITATIONS

The recommendations contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted engineering practices at this time. Other than this, no warranty is intended or implied.

This report is written by:



Steve Wald, PE
President



APPENDIX A – FIELD EXPLORATION PROGRAM

- A.1 Exploration Scope
- A.2 Surface Observations
- A.3 Subsurface Conditions
- A.4 Water Levels
- A.5 Soil Sampling
- A.6 Soil Classification Procedure

Attachments to Appendix A

Site Drawings
Profile Drawing
Boring Logs
Symbols & Descriptive Terminology on Test Boring Logs
Soil Classification Sheet

A. FIELD EXPLORATION PROGRAM

A.1 Exploration Scope

Four soil borings were drilled for the southwest corner addition and six soil borings were drilled for the east addition. The borings were drilled to nominal depths of 15 to 30 feet. The boring locations are illustrated on the attached drawings at the back of this Appendix.

The borings were backfilled with the auger cuttings. Settlement of these materials can be expected to occur. The final closure of the hole is the responsibility of the client or property owner.

A.2 Surface Observations

The site was located at the school in Powers Lake, ND. The school is located to the south of Railroad Avenue East and the east of Anderson Street.

The existing surface at the southwest addition appeared to consist of mostly sand and gravel. The elevations for the borings for the southwest addition were referenced to the floor slab at Door 3B on the west side of the existing building.

The existing surface at the east addition appeared to be either barren or covered with grass as part of an existing ball field. The elevations of the borings for the east side were referenced to the floor slab at Door 9 on the east side of the existing building.

Each temporary benchmark (TBM), the top of the concrete floor at the referenced doors, was the was assigned elevation 100.0 feet, assumed datum.

A.3 Subsurface Conditions

The subsurface conditions encountered at the test locations are illustrated by means of the attached boring logs. We wish to point out that the subsurface conditions at other times and locations at the site may differ from those found at our test boring locations. If different conditions are encountered during construction, it is necessary that you contact us so that

our recommendations can be reviewed. The test boring log also shows the possible geologic origin of the materials encountered.

Fill and topsoil were encountered at boring locations to depths of up to approximately 6.5 feet below existing grade. Below the fill, naturally deposited sandy lean clay, glacial till, was encountered to the termination depths.

Based on the standard penetration resistance ("N" values), the sandy lean clay was soft hard in consistency.

A.4 Water Levels

Groundwater measurements were made in the test borings during drilling and at completion of drilling before the borings were backfilled. This information is shown at the bottom of the attached boring logs.

Measurable groundwater was not observed in the boreholes prior to backfilling.

Water levels should be expected to fluctuate seasonally and annually. The water levels at the time of construction could be significantly different than what was recorded on the boring logs. When the bores were drilled and the history of precipitation prior to drilling should be known when using the groundwater readings on the boring logs to extrapolate water levels at other points in time.

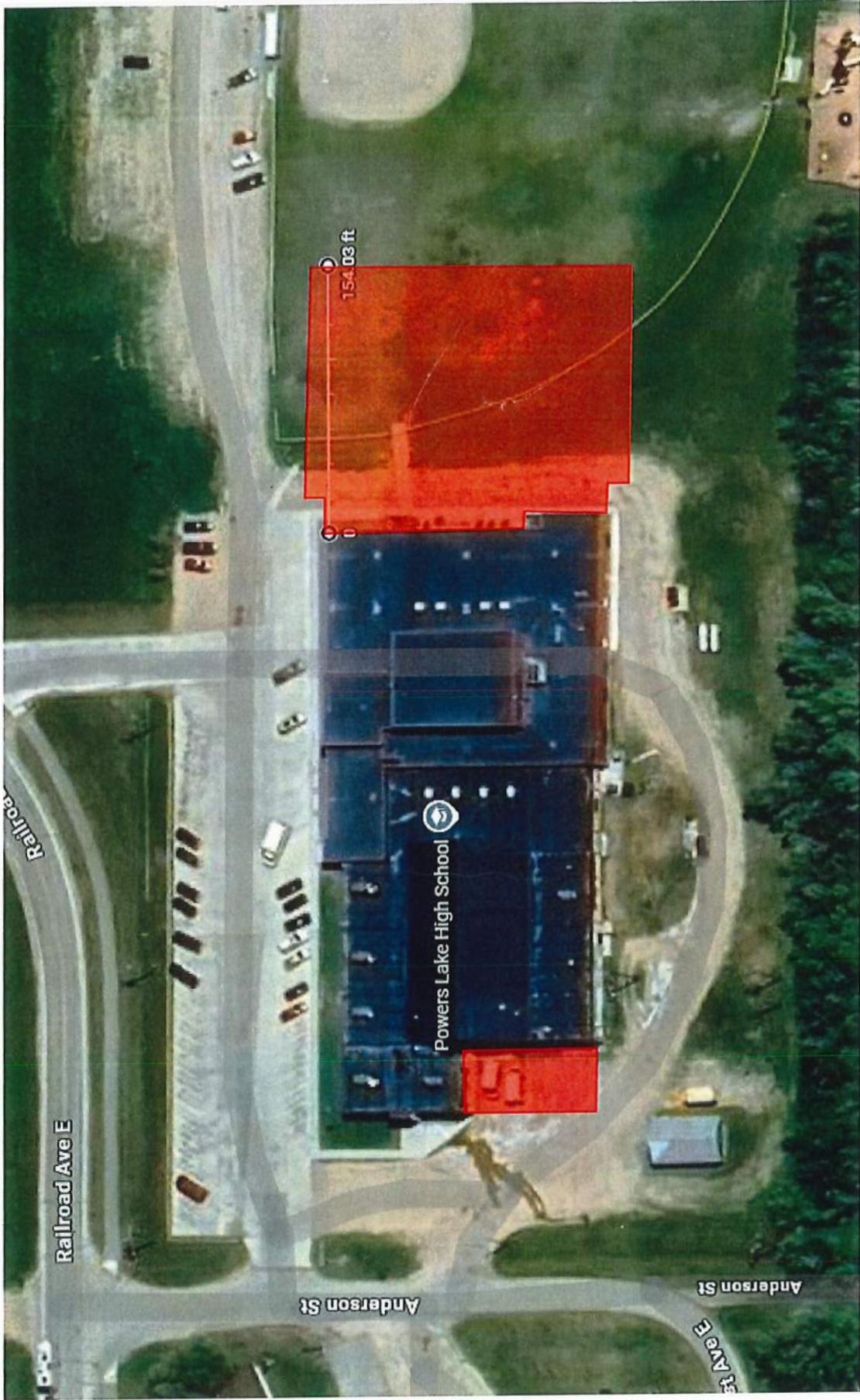
A.5 Soil Sampling

Soil sampling was done according to the procedures described by ASTM D1586. Using this procedure, a 2-inch O.D. split barrel sampler is driven into the soil by a 140-lb weight falling 30 inches. After an initial set of 6 inches, the number of blows required to drive the sampler an additional 12 inches is known as penetration resistance or "N" value. The "N" value is an index of the relative density of cohesionless soils and the consistency of cohesive soils.

We will retain representative samples of the soil obtained during our field operations for approximately one month. We will then discard them unless we are otherwise notified.

A.6 Soil Classification Procedure

As the samples were obtained in the field they were visually and manually classified by the crew chief according to ASTM D 2488. Representative portions of all samples were then sealed and returned to the laboratory for further examination and for verification of the field classification. In addition, selected samples were then submitted to a program of laboratory tests. Logs of the borings indicating the depth and identification of the various strata, the "N" value, the laboratory test data, water level information and pertinent information regarding the method of maintaining and advancing the drill holes are also attached. Charts illustrating the soil classification procedures, the descriptive terminology and symbols used on the boring logs are also attached.



CLIENT
POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG-EDUCATION ADDITION

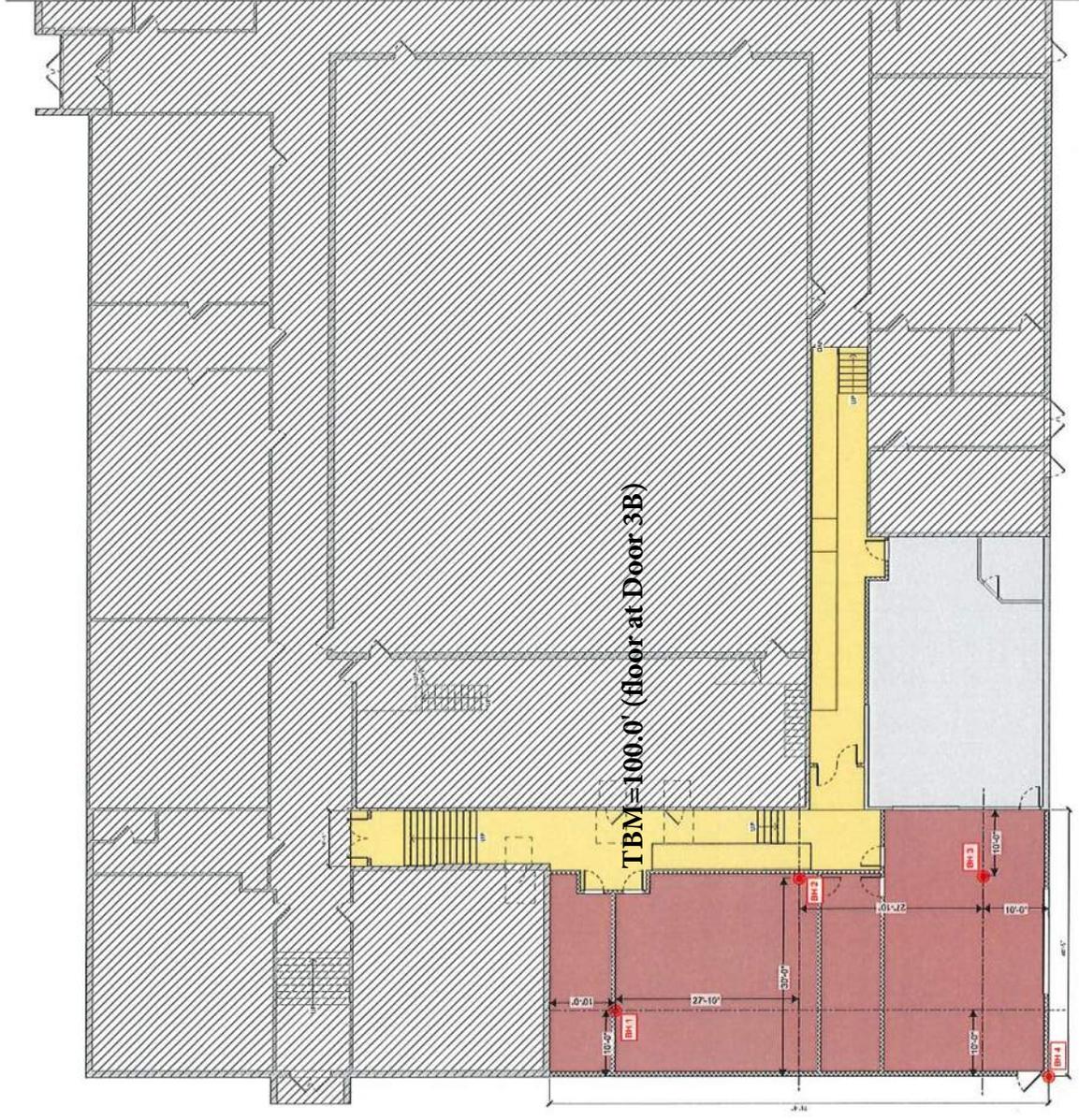
CITY: POWERS LAKE
 STATE: ND
 ISSUE DATE:

PRELIMINARY - NOT FOR CONSTRUCTION

DATE DESCRIPTION: 01/11/2025
 PROJECT NO.: 20251790
 DRAWN BY: Author
 CHECKED BY: Checker
 STAMP

DRAWING TITLE
LOWER LEVEL FLOOR PLAN

A200



- NOTE:
1. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY GEOTECH CONTRACTOR ON SITE.
 2. ALL TESTS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD (SEOR) PRIOR TO DRILLING LOCATIONS.
 3. A UTILITY CLAIMS LOG SHALL BE CONDUCTED PRIOR TO ANY SUBSURFACE INVESTIGATION ACTIVITIES IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING UNDERGROUND UTILITIES AND FACILITIES DURING BORING OPERATIONS.
 5. ALL FIELD INVESTIGATION ACTIVITIES SHALL COMPLY WITH APPLICABLE OSHA SAFETY STANDARDS.
 6. ALL INVESTIGATION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECH CONTRACTOR'S STANDARD SPECIFICATIONS FOR INVESTIGATION.
 7. BORING LOGS SHALL INCLUDE ACCURATE DOCUMENTATION OF SOIL STRATIGRAPHY, GROUNDWATER LEVELS IF ENCOUNTERED, STANDARD PENETRATION TEST (SPT) BLOW COUNTS, AND ANY UNUSUAL SOIL OR ALL MATERIALS.
 8. SOIL SAMPLES SHALL BE COLLECTED AT REGULAR INTERVALS AND AT ALL UNUSUAL LAYERS. RELEVANT TEST METHODS OR SPECIFICATIONS WILL BE PROVIDED TO ACCESS ADDITIONAL INFORMATION CONSISTENT WITH DESIGN REQUIREMENTS.
 9. STANDARD AND UNDISTURBED SAMPLES SHALL BE COLLECTED AT REGULAR INTERVALS AND DEPTHS.
 10. LABORATORY TESTING SHALL INCLUDE, BUT NOT BE LIMITED TO, GRAIN SIZE ANALYSIS, ATTERBURG LIMITS, COMPACTION, UNSATURATED SWELLING, UNSATURATED SHRINKAGE, PERMEABILITY, TENSILE STRENGTH, AND CORROSION TESTS AS NECESSARY FOR FOUNDATION EVALUATION.
 11. FIELD PENETRATION TESTS (SPT, CPT) AND DEEP WAVE VELOCITY PROFILES SHALL BE CONDUCTED WHERE APPROPRIATE.
 12. ALL BOREHOLES SHALL BE BACKFILLED AND CAPPED IMMEDIATELY AFTER COMPLETION IN ACCORDANCE WITH FOUNDATION AND GEOTECHNICAL BEST PRACTICES.
 13. A GEOTECHNICAL REPORT SHALL BE SUBMITTED DOCUMENTING FIELD INVESTIGATION LABORATORY TEST RESULTS AND ANALYSIS. THE REPORT SHALL INCLUDE RECOMMENDATIONS FOR FOUNDATION DESIGN, SETTLEMENT, SOIL CLASSIFICATION, AND LAYERS.
 14. THE GEOTECHNICAL ENGINEER SHALL COORDINATE CLOSELY WITH THE PROJECT CIVIL/STRUCTURAL DESIGN TEAM TO VERIFY SUFFICIENT DATA MEETS DESIGN REQUIREMENTS.
 15. ALL INVESTIGATION BORINGS SHALL BE REVIEWED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER LICENSED IN GEOTECHNICAL ENGINEERING.

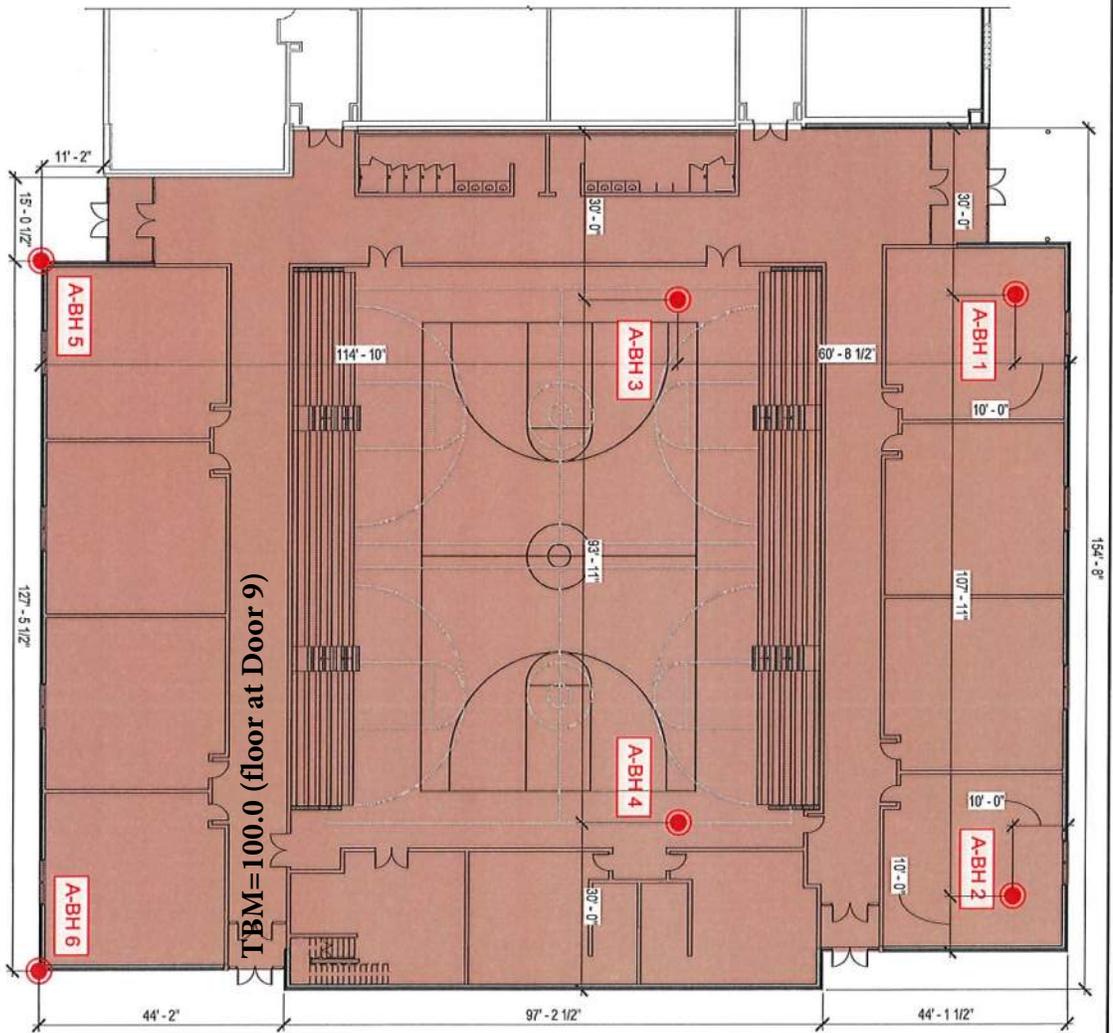
LEGEND:
 ◆ BORE HOLE LOCATION

LOWER LEVEL FLOOR PLAN
 1/11/2025
 1" = 1'-0"

1
A201

FUTURE ADDITION - ALTERNATE BORING HOLES

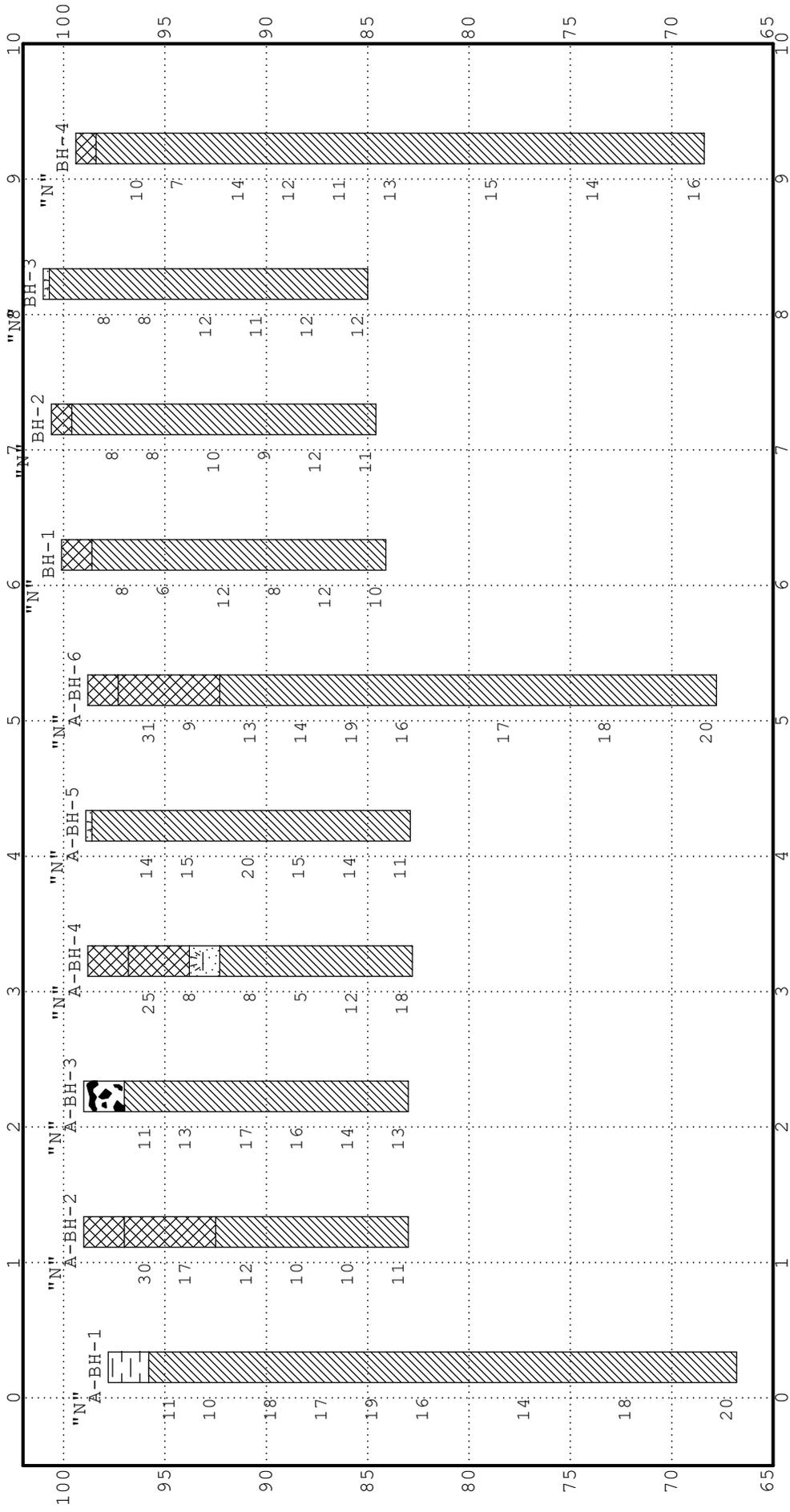
3/64" = 1'-0"



NO	Revision Description	Date

PROJECT: POWERS LAKE
PROJECT NO: 20182130

DRAWING
A201



SOIL PROFILE DIAGRAM

Powers Lake School Additions

Powers Lake, ND

PROJECT # DATE PLATE

G25-072

Jan 26

1

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-1** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS							
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)		
97.00	Topsoil, Organic Lean Clay , dark brown/black, (OL)		97.00	Topsoil	FA	frozen										
2.0																
95.8	Sandy Lean Clay , brown, trace gravel and lignite, firm to hard, (CL)		95.8	Glacial Till	SB			11								
			92.05		SB			10			17	41	18			
			87.10		SB			18								
			87.8		SB			17								
					SB			19								
			82.15		SB			16								
					SB			14								
			77.20		SB			18								
					SB			20								
			72.25		SB											
					SB											
			67.30		SB											
31.0			67.8													
66.8	End of Boring NM-none measurable															

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-29.5'		12/11/25	1115	31	none	29.2		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG	CME 45								

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-2** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS								
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)			
99.00	<u>Fill, mostly silty sand with some gravel</u> , brown		99.00	Fill	FA												
2.0 97.00	<u>Fill, sandy lean clay</u> , dark brown/black mixed, some topsoil mixed in		97.00		SB			30									
6.5 94.50			94.50		SB			17									
6.5 92.50	<u>Sandy Lean Clay</u> , brown, trace gravel and lignite, firm, (CL)		92.50	Glacial Till	SB			12									
89.10 89.00			89.10 89.00		SB			10									
84.15 84.00			84.15 84.00		SB			10									
16.0 83.00	End of Boring NM-none measurable		83.00														

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-14.5'		12/11/25	1345	16	none	13.7		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG	CME 45								

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-3** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS							
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)		
99.00	Possible Fill, 2" of topsoil, then sandy lean clay , dark brown, some organics		99.00	Possible Fill	FA	frozen										
2.0																
97.00	Sandy Lean Clay , brown, trace gravel and lignite, firm to hard, (CL)		97.00	Glacial Till	SB			11								
					SB			13								
			94.50		SB			17								
			89.10		SB			16								
			89.00		SB			14								
			84.15		SB			13								
16.0			84.00													
83.0	End of Boring NM-none measurable															

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-14.5'		12/11/25	1140	16	none	14.4		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG	CME 45								

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-4** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS						
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)	
98.00	<u>Fill, mostly clayey sand</u> , brown, trace gravel		98.00	Fill	FA	frozen									
2.0															
96.8	<u>Fill, sandy lean clay</u> , dark brown, trace gravel, some organics		96.8		SB			25							
5.0					SB			8							
93.8	<u>Topsoil, Organic Lean Clay</u> , black, (OL)		93.8	Topsoil	3T		108			18	35	20			
6.5															
92.3	<u>Sandy Lean Clay</u> , brown, trace gravel and lignite, soft to hard, (CL)		92.3	Glacial Till	SB			8							
88.10			88.10		SB			5							
83.15			83.15		SB			12							
16.0					SB			18							
82.8	End of Boring NM-none measurable														

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-14.5'		12/11/25	1310	16	none	14.2		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG	CME 45								

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-5** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS							
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)		
98.3	Topsoil, Organic Lean Clay, black, (OL)		98.0	Topsoil	FA											
98.6	Sandy Lean Clay, brown, trace gravel and lignite, firm to hard, (CL)			Glacial Till	frozen											
					SB			14								
					SB			15								
			93.0													
					SB			20								
					SB			15								
			88.10													
			88.9		SB			14								
					SB			11								
			83.15													
16.0																
82.9	End of Boring NM-none measurable															

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-14.5'		12/11/25	1215	16	none	14.0		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG									

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **A-BH-6** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS									
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)				
98.00	Fill, mostly clayey sand , brown, some gravel		98.00	Fill	FA													
1.5			97.3			frozen												
97.3	Fill, sandy lean clay , dark brown/black mixed, some topsoil mixed in					SB			31									
						SB			9									
93.00				93.00	Glacial Till													
6.5						SB			13									
92.3	Sandy Lean Clay , brown, trace gravel and lignite, firm to hard, (CL)						SB			14								
				88.10			SB			19								
				83.15			SB			16								
				78.20			SB			17								
				73.25			SB			18								
				68.30			SB			20								
31.0				67.8														
67.8	End of Boring NM-none measurable																	

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-29.5'		12/11/25	1000	31	none	28.0		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG									

MATERIAL TESTING SERVICES, LLC
Box 634
Minot, North Dakota 58702
(701) 852-5553

SOIL BORING RECORD

BORING NUMBER **BH-3** SHEET **1** OF **1**
PROJECT **Powers Lake School Additions**
PROJECT LOCATION **Powers Lake, ND**
PROJECT NUMBER **G25-072**
START DATE **12/11/25** FINISH DATE **12/11/25**

LAYER DEPTH/ ELEVATION (FT)	SOIL DESCRIPTION	SYMBOLIC LOG	ELEVATION/ DEPTH (FT)	GEOLOGY	SAMPLE				TEST RESULTS							
					TYPE	LEGEND	D (pcf)	N VALUES	BLOWS/FT	WATER LEVEL	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	Qu (psf)		
100.7	Topsoil, Organic Lean Clay, black, (OL)		101.00	Topsoil	FA											
	Sandy Lean Clay, brown, trace gravel and lignite, soft to firm, (CL)			Glacial Till	frozen											
			96.50		SB			8								
					SB			8								
					SB			12								
			91.10		SB			11		110		18	39	16	4727	
					SB			12								
			86.15		SB			12								
16.0			85.0													
	End of Boring NM-none measurable															

DRILLER	RB	WATER LEVEL MEASUREMENTS	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING MUD LEVEL	WATER LEVEL
METHOD	4" FA, 0-14.5'		12/11/25	1620	16	none	13.2		NM
LOGGER	JF								
REVIEWER	SW								
DRILL RIG	CME 45								

APPENDIX B – LABORATORY TEST PROGRAM

- B.1 Testing Scope
- B.2 Test Methods

Attachments to Appendix B
Unconfined Compression

B. LABORATORY TEST RESULTS

B.1. Testing Scope

Laboratory testing was conducted to characterize soil properties including Atterberg limits (liquid and plastic limits), in-situ moisture contents, and unconfined compression strength. Results are listed on the boring logs or attached test reports.

B.2. Test Methods

Testing and classification of soil was performed in accordance with the following standards as applicable:

Description	ASTM Method
Unified soil classification system	D 2487
Atterberg limits	D 4318
In-situ moisture content	D 2216
Sieve analysis	D 422, C 117, C 136
Moisture-density relationship	D 698 or D 1557
In-situ dry density	Direct measurement
Unconfined compression, Qu	D 2166
CBR	D 1883

MATERIAL TESTING SERVICES, LLC

PO Box 634
 Minot, ND 58702
 (701) 852-5553

UNCONFINED COMPRESSIVE STRENGTH ASTM D 2166

7101 W 2nd Ave
 Williston, ND 58801
 (701) 572-4226

PROJECT: SCHOOL ADDITIONS
 POWERS LAKE, ND

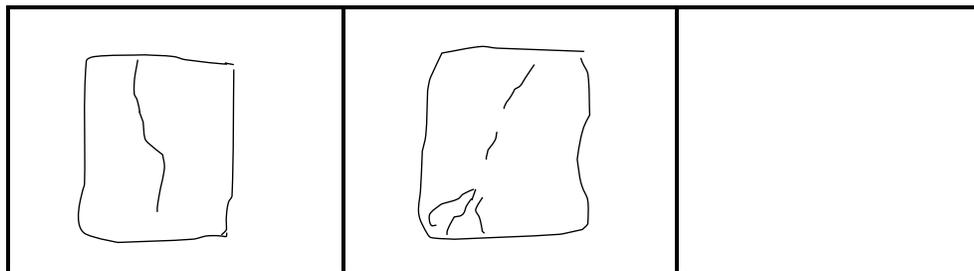
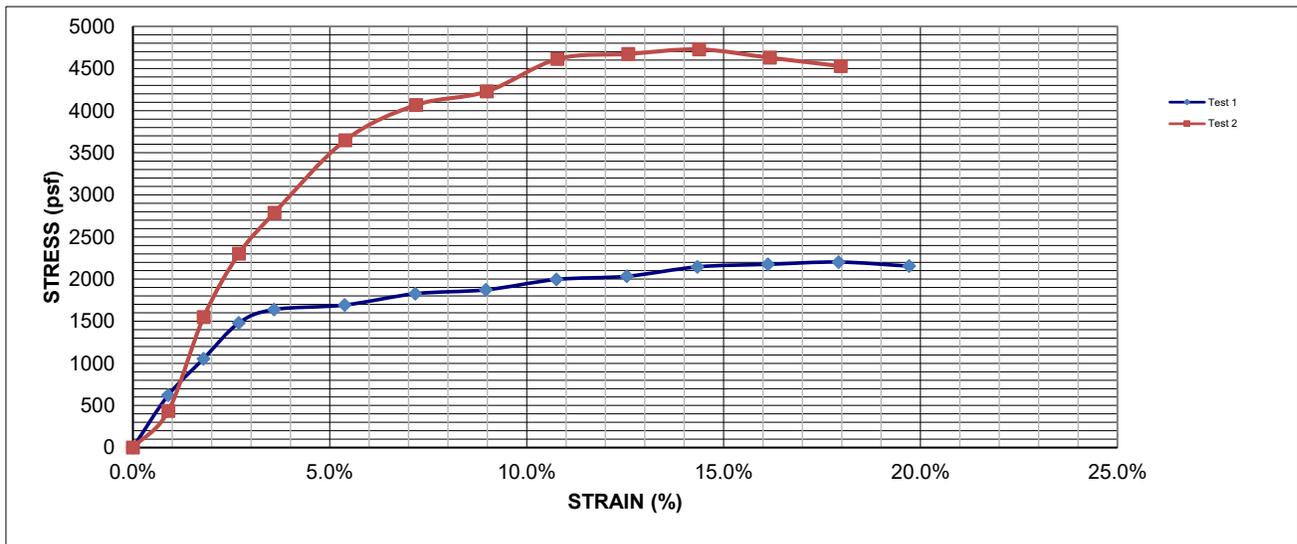
DATE: 30-Dec-25

COPIES TO:

REPORTED TO: Powers Lake School District

MTS No. G25-072

Specimen ID:	Test 1	Test 2
	Boring BH-2	Boring BH-3
	SS, 3-4 feet	SS, 9.5-11 feet
Soil Class:	Sandy Lean Clay (CL)	Sandy Lean Clay (CL)
Dry Density (pcf):	105.6	109.6
Water Content:	20.6%	17.7%
Sample Dia. (mm):	35.1	35.4
Sample Ht (mm):	70.9	70.7
Height/Diameter:	2.02	1.99
Unc. Strength (psf):	2150	4727
Strain at Failure (%):	15.0	14.4



AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.

Material Testing Services, LLC

by *SE Well*

APPENDIX C

Precautions for Excavating & Refilling During Cold Weather

PRECAUTIONS FOR EXCAVATING AND REFILLING DURING COLD WEATHER

Winter in North Dakota presents specific problems for foundation construction. Soils which are allowed to freeze undergo a moisture volume expansion, resulting in a loss of density. These frost-expanded soils will consolidate upon thawing, causing settlement of any structure supported on them. To prevent this settlement, frost should not be allowed to penetrate the soil below any proposed structure.

Ideally, winter excavation should be limited to areas small enough to be refilled to a grade higher than footing grade on the same day. Typically, these areas should be filled to floor grade. Trenching back down to unfrozen soils for foundation construction can then be performed just prior to footing placement. The excavated trenches should be protected from freezing by means of insulation or heating during foundation construction. Backfilling of the foundation trenches should be performed immediately after the below-grade foundation construction is finished. In addition, any interior footings, or footings designed without frost protection should be extended below frost depth, unless adequate precautions are taken to prevent frost intrusion until the building can be enclosed and heated.

In many cases, final grades cannot be attained in one day's time, even though small areas are worked. In the event final grade cannot be attained in one day's time, frost can be expected to develop overnight. The depth of frost penetration can be minimized by leaving a layer of loose soil on top of the compacted material overnight. However, any frost which forms in this loose layer, or snow, should never be used as fill material.

After the structure has been enclosed, all floor slab areas should be subjected to ample periods of heating to allow thawing of the soil system. Alternatively, the frozen soil can be completely removed and replaced with an engineered fill. The floor slab areas should be checked at random and representative locations for remnant areas of frost, and density tests should be performed to document fill compaction prior to slab placement.

Due to the potential problems associated with fill placement during cold weather, any filling operations should be monitored by a full-time, on-site soils technician. Full-time monitoring aids in detecting areas of frozen material, or potential problems with frozen material within the fill, so that appropriate measures can be taken. The choice of fill material is particularly important during cold weather, since clean granular fill materials can be placed and compacted more efficiently than silty or clayey soils. In addition, greater magnitudes of heaving can be expected with freezing of the more frost susceptible silts and clays.

If more specific frost information or cold weather data concerning other construction materials is required, please contact us.

SECTION 00 3000 - FORMS

PART 1 - GENERAL

1.1 FORMS

- A. This Section includes the following forms:

1.2 BIDDING FORMS

- A. Bid Form
- B. Bid Bond (AIA A310-2010)

1.3 FORM OF AGREEMENT & PERFORMANCE BONDS

- A. Agreement Between Owner & Contractor (AIA A101-2017)
- B. Insurance and Bonds (AIA A101-2017 Exhibit A)
- C. Supplementary Conditions to AIA A101-2017 Exhibit A
- D. Performance and Payment Bonds (AIA A312-2010)
- E. Waiver of Subrogation

1.4 ADMINISTRATIVE FORMS

- A. Application and Certificate for Payment (AIA G702-1992)
- B. Continuation Sheet (AIA G703-1992)
- C. Submittal Form

1.5 CLOSEOUT FORMS

- A. Non-Asbestos Certification
- B. Contractor's Affidavit of Payment of Debts and Claims (AIA G706-1994)
- C. Contractor's Affidavit of Release of Liens (AIA G706A-1994)
- D. Consent of Surety to Final Payment (AIA G707-1994)

1.6 MISCELLANEOUS FORMS

- A. Request for Information (AIA G716-2004)
- B. Substitution Request Form
- C. Release Statement

PART 2 - PRODUCTS (Not applicable.)

PART 3 - EXECUTION (Not applicable.)

BID FORM

PROJECT: POWERS LAKE SCHOOL AG EDUCATION ADDITION

BID OPENING DATE. Wednesday, February 18th, 2026

BID OPENING TIME. 2:00 PM

BID OPENING PLACE. EAPC Architects Engineers
2080 36th Ave SW, Suite 210
Minot, ND 58701

TO THE OWNER: Powers Lake School District #27
600 Railroad Avenue East
Powers Lake, ND 58773

I have received the Drawings and Specifications for the _____ Contract for EAPC Project No. 20254400, Powers Lake School Ag Education Addition, to be erected at Powers Lake, North Dakota.

I have also received Addenda Nos. _____ and have included their provisions in my Bid. I have examined both the documents and the site and submit the following Bid:

I will do the _____ Construction work for the lump sum price of _____ dollars (\$_____).

UNIT COSTS.

I will include authorized unit cost work as specified to be added to or deducted from the above Base Bid, for changes in dollars and time listed:

Unit Cost A, Removal of unsatisfactory soil and replacement with satisfactory soil

Add \$ _____

Add _____ Calendar Days.

In submitting this Bid, I agree:

1. To hold my bid open for 30 calendar days after its' opening.
2. To accept the provisions of the Instructions to Bidders regarding disposition of Bid Security.

3. To enter into and execute a Contract, if awarded on the basis of this bid, and to furnish Guarantee Bonds in accord with the Instructions to Bidders.
4. To accomplish the work in accord with the Contract Documents.
5. To substantially complete the Work in the Base Bid according to the following schedule: (See Supplementary Conditions for Liquidated Damages.)

To substantially complete the Work in the Base Bid by _____ calendar days from date of Notice to Proceed.

I have attached the required Bid Security.

I have listed below the major Subcontractors whose bids I have used in submitting a Single Prime Bid:

Plumbing
 Heating, Ventilating, Air Conditioning
 Electrical

Official Address: _____ firm name
 _____ signed by
 _____ title

INSERT

BID BOND

OWNER/CONTRACTOR
AGREEMENT

AIA A101-2017 EXHIBIT A
AND
SUPPLEMENTARY CONDITIONS

PERFORMANCE
AND
PAYMENT
BONDS

ACKNOWLEDGEMENT OF PRINCIPAL OF CONTRACTOR
(Corporation)

STATE OF _____
ss

COUNTY OF _____

On this _____ day of _____, 20____, before me personally appeared _____, known to me to be the president (or other office or person) of the corporation that is described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

(SEAL) 1 _____
Notary Public

ACKNOWLEDGEMENT OF PRINCIPAL OF CONTRACTOR
(Individual or Partnership)

STATE OF _____
ss

COUNTY OF _____

On this _____ day of _____, 20____, before me personally appeared _____, known to me to be the person (or persons) who is (are) described in and who executed the within instrument, and acknowledged to me that he (or they) executed the same.

(SEAL) 1 _____
Notary Public

ACKNOWLEDGEMENT OF ATTORNEY-IN-FACT OF SURETY

STATE OF _____
ss

COUNTY OF _____

On this _____ day of _____, 20____, before me personally appeared _____, known to me to be the person who is described in and whose name is subscribed to the within instrument as the Attorney-in-Fact of _____ and acknowledged to me that subscribed the name of _____ thereto as surety and his own name as Attorney-in-Fact.

(SEAL) 1 _____
Notary Public

- NOTE:
1. The name of the notary must be legibly printed, stamped or typed immediately following his signature and the date of expiration of his commission must be endorsed thereon separately from his seal.
 2. Attach copy of Power of Attorney to each Bond.

WAIVER OF SUBROGATION AND SEVERABILITY OF INTERESTS ENDORSEMENT

A certificate of liability insurance has been provided to the Owner, by the undersigned insurer on behalf of the Contractor: _____

for the following project:

The endorsement is provided to certify that, with respect to the insurance coverages listed on the certificate, the undersigned insured hereby waives all rights to subrogation against the Owner, it's agencies, officers, Architects and Engineers, and other employees under the insurance policies as so indicated on the certificate.

Further, where the Owner is included as an additional insured, the policies as stated on the certificate of insurance shall include a cross liability or severability of interests clause in addition to the waiver of subrogation.

The undersigned also certifies that they are authorized to make this endorsement on behalf of said insurer.

Insurer

Date

INSERT

APPLICATION FOR PAYMENT

CONTINUATION SHEET

SUBMITTAL FORM

CONTRACTOR CERTIFICATION OF NON-ASBESTOS AND NON LEAD MATERIALS

PROJECT NAME AND LOCATION: _____ EAPC FILE: _____

BUILDING OWNER AND ADDRESS _____

CONTRACTORS NAME: _____

Address: _____

Telephone No. _____

The contractor hereby certifies that he, his subcontractors, and his suppliers have used or will use only non-asbestos containing materials and non-lead paints and no lead in the water systems in the construction of this project.

by: (Signature) _____ Date _____

(Print Name) _____

(Print Title) _____

NOTE: "Asbestos-Free" materials are not allowed on this project as the definition of "asbestos-free" materials allows asbestos content up to 1%. Only non-asbestos containing materials (which have no asbestos) are allowed.

INDEMNIFICATION

a) The CONTRACTOR will indemnify and hold harmless the OWNER and the ARCHITECT/ENGINEER and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the use in this contract of any asbestos or lead material prohibited under Section 70, Article 16, 3.5.1, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property or removal costs including the loss of use resulting therefrom; and is caused in whole or in part by any negligent or willful act or omission of the CONTRACTOR, and SUBCONTRACTORS, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

b) In any and all claims against the OWNER or the ARCHITECT/ENGINEER, or any of their agents or employees, by any employee of the CONTRACTOR, any SUBCONTRACTOR, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any SUBCONTRACTOR under workmen's compensation acts, disability benefit acts or other employee benefit acts.

INSERT

AIA G706-1994

AIA G706A-1994

AIA G707-1994

MISC. FORMS:

AIA G716-2004

Substitution Request Form

Release Statement

SECTION 09 6513 - RESILIENT BASE AND ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Resilient base.
- B. Resilient stair accessories.
- C. Installation accessories.

1.2 RELATED REQUIREMENTS

- A. Section 09 6519 - Resilient Tile Flooring.

1.3 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
- C. Selection Samples: Submit manufacturer's complete set of color samples for Architect's initial selection.
- D. Verification Samples: Submit two samples, 9 by 9 inch (229 by 229 mm) in size illustrating color and pattern for each resilient flooring product specified.
- E. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Wall Base: 10 linear feet (3.0 linear meters) for every 500 linear feet (152 m) or fraction thereof, of each type, color, pattern, and size of resilient product installed.
 - 3. Extra Stair Materials: Quantity equivalent to 5 percent of each type and color.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.
- B. Maintain temperature in storage area between 55 degrees F (13 degrees C) and 90 degrees F (72 degrees C).

1.5 FIELD CONDITIONS

- A. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F (21 degrees C) to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F (13 degrees C).

PART 2 PRODUCTS

2.1 STAIR COVERING

- A. Stair Treads with Integral Riser: Rubber; full width, depth, and height of stair tread in one piece; tapered thickness.
 - 1. Manufacturers:
 - a. Interface: www.interface.com.
 - b. Substitutions: See Section 01 6000 - Product Requirements.
 - 2. Nominal Thickness: 0.1875 inch (4.75 mm).
 - 3. Texture: Relief Structure.
 - 4. Color: As indicated on drawings.

2.2 RESILIENT BASE

- A. Resilient Base - (RB-1): ASTM F1861, Class 1, Group I, Type TS, rubber, vulcanized thermoset; Style B, Cove. Provide Style C where indicated in Drawings.
 - 1. Manufacturers:
 - a. Flexco Corporation: www.flexcofloors.com
 - b. Johnsonite, a Tarkett Company; Baseworks Thermoset Rubber: www.johnsonite.com
 - c. Roppe Corporation: www.roppe.com
 - d. Substitutions: See Section 01 6000 - Product Requirements.
 - 2. Height: 4 inches (100 mm).
 - 3. Thickness: 0.125 inch (3.2 mm).
 - 4. Finish: Manufacturer's standard.
 - 5. Length: Roll.
 - 6. Corners: Job-formed or preformed.
 - 7. Color: To be selected by Architect from manufacturer's full range.

2.3 ACCESSORIES

- A. Adhesives: Waterproof; types recommended by flooring manufacturer.
- B. Moldings, Transition and Edge Strips: Same material as flooring.
 - 1. Description: Rubber carpet edge for glue-down applications, nosing for carpet, nosing for resilient floor covering, and reducer strip for resilient floor covering.
 - 2. Profiles: As indicated in Drawings.
 - 3. Color: As selected from manufacturer's full range.
- C. Filler for Coved Base: Plastic.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that wall and floor surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient accessories.

3.2 PREPARATION

- A. Prepare floor and wall substrates as recommended by resilient accessory and adhesive manufacturers.
- B. Clean substrate.
- C. Apply primer as required to prevent "bleed-through" or interference with adhesion by substances that cannot be removed.

3.3 INSTALLATION - GENERAL

- A. Install in accordance with manufacturer's written instructions. Install accessories in longest pieces as practicable.
- B. Adhesive-Applied Installation:
 - 1. Spread only enough adhesive to permit installation of materials before initial set.
 - 2. Fit joints and butt seams tightly.
 - 3. Inspect installations and reinstall any resilient base or accessory that has detached from substrate.
- C. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated. Do not locate seams in transition or edge strips within obvious walking paths.
 - 1. Resilient Strips: Attach to substrate using adhesive.

3.4 INSTALLATION - RESILIENT BASE

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches (45 mm) between joints.
- B. Miter internal corners. At external corners, 'V' cut back of base strip to 2/3 of its thickness and fold. At exposed ends, use premolded units. Do not cut the base toe at outside corners.
- C. Do not seam base within 6 inches of a field-formed outside corner. Locate seams in wall base at inside corners where possible
- D. Install base on solid backing. Bond tightly to wall and floor surfaces. Install without excessive bulging, bucking or gaps to flooring surface.
- E. Scribe and fit to door frames and other interruptions.

3.5 INSTALLATION - STAIR COVERINGS

- A. Install stair coverings in one piece for full width and depth of tread.
- B. Adhere over entire surface. Fit accurately and securely.

3.6 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.

B. Clean in accordance with manufacturer's written instructions.

3.7 PROTECTION

END OF SECTION 09 6513

SECTION 09 6813 - TILE CARPETING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Carpet tile, fully adhered.

1.2 RELATED REQUIREMENTS

- A. Section 01 6116 - Volatile Organic Compound (VOC) Content Restrictions.
- B. Section 09 6513 - Resilient Base and Accessories: Resilient wall base and accessories installed with tile carpeting.

1.3 REFERENCE STANDARDS

- A. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2023.
- B. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2019a.
- C. CRI 104 - Standard for Installation of Commercial Carpet; 2015.

1.4 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.
- C. Samples: Submit two carpet tiles illustrating color and pattern design for each carpet color selected.
- D. Accessory Samples: Submit two 12 inch (305 mm) long samples of edge strip.
- E. Operation and Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.
- F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Carpet Tiles: Quantity equal to 5 percent of total installed of each color and pattern installed.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing specified carpet tile with minimum three years documented experience.
- B. Installer Qualifications: Company specializing in installing carpet tile with minimum three years documented experience and approved by carpet tile manufacturer.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Tile Carpeting:
 - 1. Mannington Commercial: www.manningtoncommercial.com#sle.

2.2 MATERIALS

- A. Tile Carpeting, Type CPT-1: Tufted, manufactured in one color dye lot.
 - 1. Product: Align manufactured by Mannington Commercial.
 - 2. Tile Size: 24 by 24 inch (610 by 610 mm), nominal.
 - 3. Color: As selected by Architect from Manufacturer's full range.
- B. Tile Carpeting, Type CPT-2: Tufted, manufactured in one color dye lot.
 - 1. Product: Circuit manufactured by Mannington Commercial.
 - 2. Tile Size: 24 by 24 inch (610 by 610 mm), nominal.
 - 3. Color: As selected by Architect from Manufacturer's full range.

2.3 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
- B. Edge Strips: Embossed aluminum, color as selected by Architect.
- C. Adhesives:
 - 1. Compatible with materials being adhered; maximum VOC content as specified in Section 01 6116.
- D. Carpet Tile Adhesive: Recommended by carpet tile manufacturer; releasable type.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.
- B. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to subfloor surfaces.

- C. Cementitious Subfloor Surfaces: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).
 - 1. Test as Follows:
 - a. Internal Relative Humidity: ASTM F2170.
 - b. Moisture Vapor Emission: ASTM F1869.
 - 2. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer.
- D. Verify that required floor-mounted utilities are in correct location and set at correct height.

3.2 PREPARATION

- A. Prepare floor substrates as recommended by flooring and adhesive manufacturers.
- B. Remove subfloor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with subfloor filler.
- C. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Prohibit traffic until filler is cured.
- D. Vacuum clean substrate.

3.3 INSTALLATION

- A. Starting installation constitutes acceptance of subfloor conditions.
- B. Install carpet tile in accordance with manufacturer's instructions and CRI 104 (Commercial).
- C. Blend carpet from different cartons to ensure minimal variation in color match.
- D. Maintain dye-lot integrity. Do not mix dye lots in same area.
- E. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended in writing by carpet tile manufacturer.
- F. Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines. Maintain pile-direction patterns recommended in writing by carpet tile manufacturer.
- G. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- H. Install carpet tile as required in access panel and floor box inserts to match flooring pattern.
- I. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on carpet tile as marked on subfloor. Use nonpermanent, nonstaining marking device.
- J. Unless otherwise indicated, locate change of color or pattern between rooms under door leaf or at centerline of opening.
- K. Fully adhere carpet tile to substrate.

- L. Trim carpet tile neatly at walls and around interruptions.
- M. Complete installation of edge strips, concealing exposed edges.

3.4 CLEANING

- A. Remove excess adhesive without damage, from floor, base, and wall surfaces.
- B. Clean and vacuum carpet surfaces.

END OF SECTION 09 6813

1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026
MARK	DESCRIPTION	DATE

PROJECT NO: **20254400**

DRAWN BY: **WLM**

CHECKED BY: **CDR**

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STAMP

DRAWING TITLE
FIRST FLOOR SLAB PLAN

KEYNOTE LEGEND:

◊ ◊ ◊	<<< INDICATES KEYNOTE ON PLAN
01	2'-0" WIDE x 4'-0" LONG x 1'-4" THICK FTG OVERBUILD -SEE DETAIL 14/S601
02	6" THICK CONC SLAB-ON-GRADE OVER 10 MIL VAPOR BARRIER OVER 6" DRAINAGE COURSE. REINFORCE W/ #4 @ 18" O/C EA WAY, CENTERED IN SLAB
03	4" THICK CONC SLAB-ON-GRADE OVER 10 MIL VAPOR BARRIER OVER 6" DRAINAGE COURSE. REINFORCE W/ #4 @ 18" O/C EA WAY, CENTERED IN SLAB
04	SHEAR WALL HOLD DOWN -SEE DETAIL 2/S602
05	CATCH BASIN -SEE MECH

SPREAD FOOTING SCHEDULE

MARK	FOOTING		REINFORCING	REMARKS
	SIZE	THICKNESS		
F-1	4'-0" x 4'-0"	12"	(4) #5 EA WAY	
F-2	5'-0" x 5'-0"	12"	(5) #5 EA WAY, T&B	

FOUNDATION WALL SCHEDULE

MARK	WIDTH	MATERIAL	REINFORCING		REMARKS
			VERTICAL	HORIZONTAL	
W-1	6"	CONC	#5 @ 18" O/C	#5 @ 18" O/C	
W-2	8"	CONC	#5 @ 18" O/C	#5 @ 18" O/C	
W-3	1'-2"	CONC	#5 @ 18" O/C EA FACE	#5 @ 18" O/C EA FACE	8" WIDE x 8" DEEP BRICK LEDGE

CONTINUOUS FOOTING SCHEDULE

MARK	FOOTING SIZE		REINFORCING		REMARKS
	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE	
WF-1	1'-4"	12"	(2) #5 CONT		
WF-2	2'-0"	12"	(2) #5 CONT		

CONCRETE PIER SCHEDULE

MARK	PIER SIZE	VERTICAL	REINFORCING		REMARKS
			TIE SIZE/SPACING		
P-1	18" x 18"	(8) #5	#3 @ 12" O/C, (3) WITHIN TOP 5"		

- NOTES:
- CIP CONCRETE PIER CAST MONOLITHICALLY WITH FOUNDATION WALL WHERE APPLICABLE.
 - TYPICAL HORIZONTAL WALL REINFORCING TO RUN CONTINUOUS THROUGH PIER WHERE APPLICABLE.
 - PLACE PIER SUCH THAT COLUMN ANCHOR RODS & REINF ARE CONTAINED WITHIN PIER TIES.
 - BLOCKOUT FOUNDATION WALL AS REQUIRED FOR INSTALLATION FOR STEEL BASE PLATE/COLUMN CONTRACTOR TO COORDINATE LAYOUTS.

STEEL COLUMN SCHEDULE

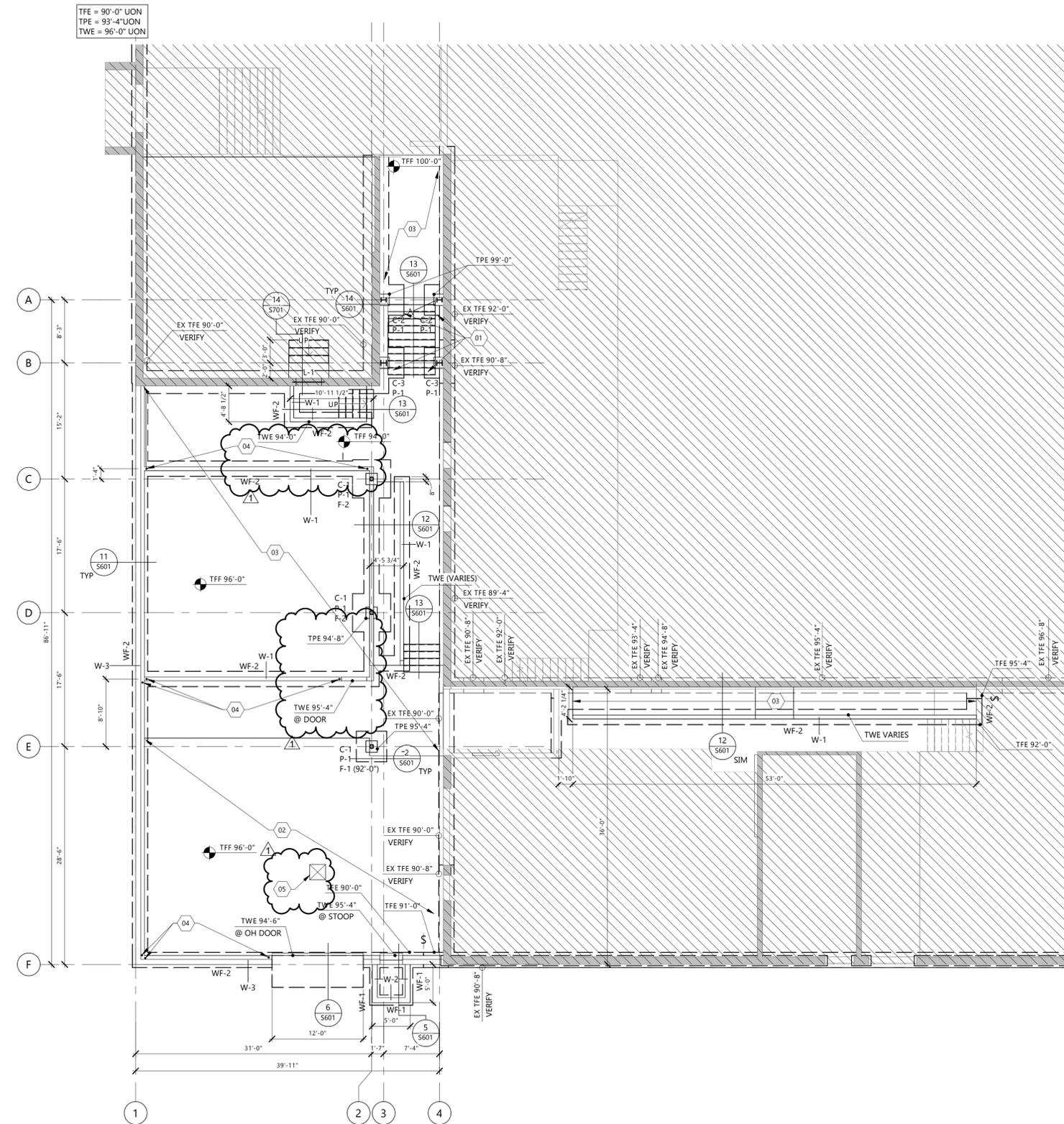
MARK	SIZE	BASEPLATE	ANCHOR RODS				REMARKS		
			TYPE	L	W	T			
C-1	HSS5x5x1/4	A	11"	11"	3/4"	4	3/4" 8"	36 KSI	
C-2	W8x28	B	10"	8"	3/4"	4	3/4" 8"	36 KSI	
C-3	W8x48	B	10"	10"	3/4"	4	3/4" 8"	36 KSI	

- NOTES:
- SEE DETAILS 9 & 10/S601 FOR BASE PLATE & ANCHOR ROD INFORMATION.
 - PROVIDE 2"x3/8"x2" PLATE WASHERS AT ALL ANCHOR RODS LESS THAN 1" DIAMETER & 3"x3/8"x3" PLATE WASHERS AT ALL ANCHOR RODS GREATER THAN OR EQUAL TO 1" DIAMETER, (NOT REQUIRED AT A325 BOLTS).
 - REFER TO FOUNDATION PLANS AND FRAMING ELEVATIONS FOR COLUMN ORIENTATION.

LINTEL SCHEDULE

MARK	SIZE	MATERIAL	BEARING	REMARKS
L-1	W8x10	STEEL	8"	
L-2	C8x11.5	STEEL	N/A	SEE 15/S701 & 17/S701
L-3	(2) C8x11.5	STEEL	N/A	SEE 16/S701 & 17/S701 SIM

- NOTES:
- SEE DETAIL 18/S701 FOR TYPICAL LINTEL BEARING DETAILS.
 - PROVIDE 1/2" DIA x 4" HWS @ 16" O/C @ TOP FLANGE OF STEEL LINTELS CARRYING CMU.
 - GROUT FIRST COURSE ABOVE STEEL LINTEL SOLID.
 - LINTEL TO BE CENTERED IN CMU WALL, UON.
 - PROVIDE THE FOLLOWING BOTTOM PLATE WIDTHS:
 - 8" CMU - 7 1/2"
 - 12" CMU = 11 1/2"
 - STOP BOTTOM PLATE 1/4" FROM JAMB AT EACH END.
 - AT ANGLE BRICK LINTELS PROVIDE 6" BEARING LENGTH @ EACH END. PROVIDE 1"x6" COPE @ HORIZONTAL LEG OF ANGLE @ BEARING POINTS TO PROVIDE FOR ADEQUATE MORTAR AT BEARING LOCATION.
 - PROVIDE BRICK LINTEL AS FOLLOWS:
 - @ OPENINGS < 5'-6" USE L4x4x3/8
 - @ OPENINGS BETWEEN 5'-6" AND 12'-6" USE L6w4x3/8 (LLV)
 - @ OPENINGS > 12'-6" OR TOP OF BRICK ELEVATION EXCEEDS 112'-0" CONSULT ENGINEER OF RECORD.
 - COORDINATE ELEVATION, LOCATION, AND ROUGH OPENING DIMENSIONS W/ ARCHITECTURAL AND OTHER TRADES.



1 FIRST FLOOR SLAB/FOUNDATION PLAN
S201 1/8" = 1'-0"

CONSULTANTS

CLIENT
POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

CITY POWERS LAKE
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

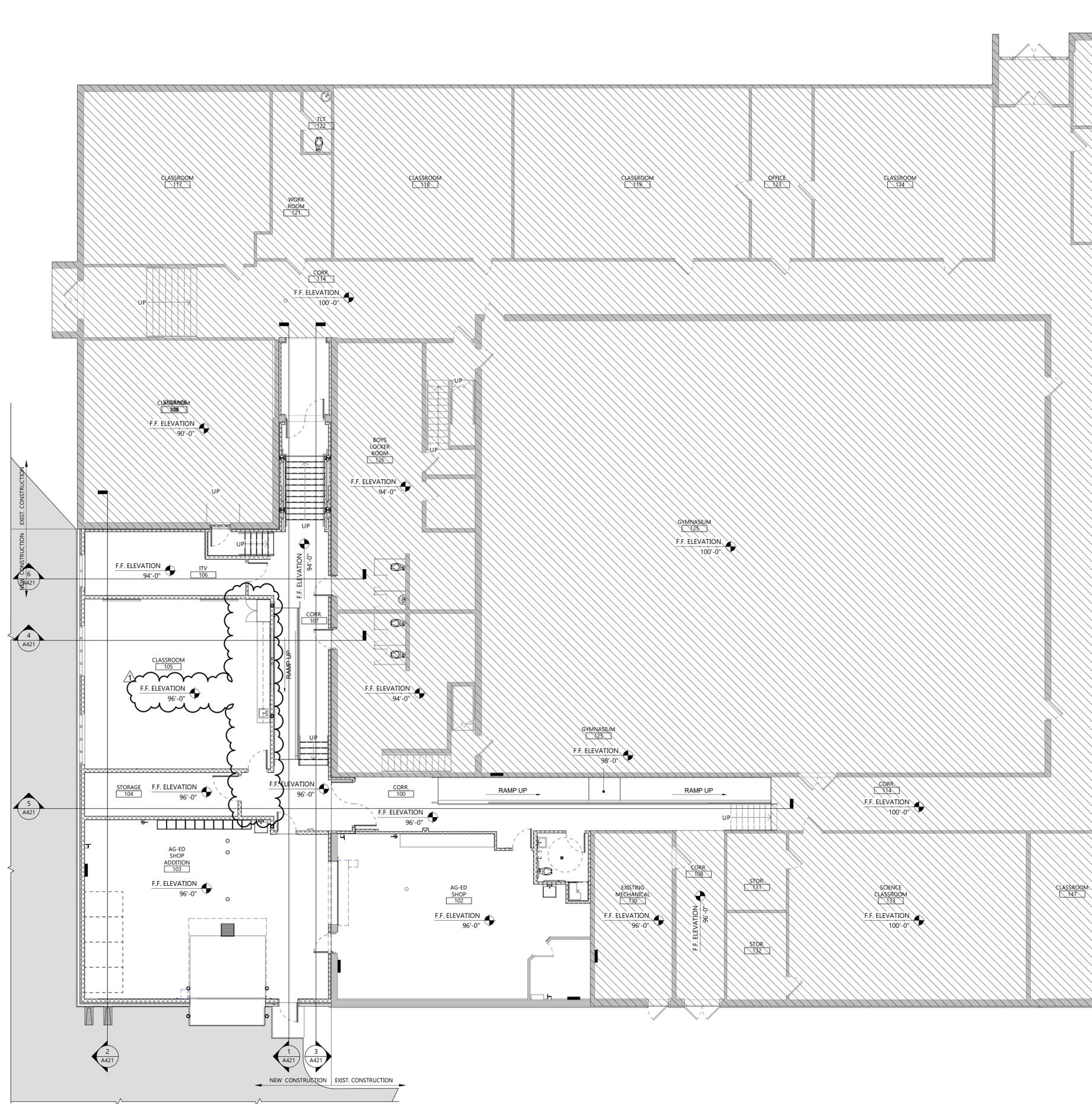
PROJECT NO: 20254400
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DRAWING TITLE
FINISH FLOOR ELEVATION PLAN

A200



1 FINISH FLOOR ELEVATION PLAN

A200 1/8" = 1'-0"





- GENERAL NOTES**
- GENERAL NOTES APPLY TO ALL DRAWING SETS
 - SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELATED BUILDINGS DOCUMENTS.
 - FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY IF ANY CONFLICTS OR DISCREPANCIES OCCUR BEFORE AND / OR DURING CONSTRUCTION.
 - CROSS REFERENCES SHOWN ON DRAWINGS DO NOT NECESSARILY INDICATE ALL LIKE CONDITIONS AND DO NOT LIMIT APPLICATION OF ANY DRAWING OF DETAIL WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
 - REVIEW SPECIFICATIONS FOR INSTRUCTIONS NOT SHOWN ON DRAWINGS. INFORMATION COMMON TO SEVERAL DRAWINGS MAY BE NOTED ON ONLY ONE. CONTRACTOR IS RESPONSIBLE FOR ENTIRE SET OF DOCUMENTS.
 - ALL NEW CONSTRUCTION IS INDICATED BOLD OR FULL TONE
 - DIMENSIONS AT INTERIOR PARTITIONS ARE TO THE CENTER OF THE WALL UNLESS NOTED OTHERWISE
 - PROVIDE FIRE RETARDANT WOOD BACKING AND / OR BLOCKING IN WALLS AS REQUIRED AT ALL WALL MOUNTED ITEMS. AT EXISTING WALLS, REMOVE WALL MATERIAL TO INSTALL FIRE-TREATED WOOD BACKING/BLOCKING FOR NEW WALL-MOUNTED ITEMS.
 - DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR TO VERIFY ALL DIMENSIONS & FIELD CONDITIONS PRIOR TO COMMENCING THE WORK.
 - REFER TO INTERIORS SHEET A901 FOR CORNER GUARD LOCATIONS AND DETAILS, FOR WALL PROTECTION AND HAND RAIL LOCATIONS AND DETAILS.
 - PATCH ALL HOLES IN EXISTING SURFACES & WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED & PREPARE WALL SURFACES (PATCH, SKIM COAT, ETC.) AS REQUIRED IN PREPARATION FOR NEW FINISHES SCHEDULED. PATCH TO MATCH ADJACENT SURFACES IF NOT SCHEDULED.
 - CAULK ALL COUNTERTOPS, BACKSPLASHES & CABINETS AT LOCATIONS WHERE THEY MEET WALL. SEAL ALL CUT-OUTS IN COUNTERTOPS.
 - ALL EXISTING CONSTRUCTION, CABINET WORK, EQUIPMENT, ETC. TO REMAIN INDICATED AS LIGHT OR HALF TONE
 - ALL PIPING, CONDUITS, & RELATED MECHANICAL & ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL AND/OR PLASTER FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT UNLESS OTHERWISE NOTED.
 - SEAL AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT PENETRATIONS AT RATED WALLS, ABOVE & BELOW CEILINGS, WITH A UL APPROVED FIRE-STOPPING MATERIAL - SEE SPECIFICATIONS.
 - WHEN WALL PARTITIONS OF DIFFERENT RATING INTERSECT, THE HIGHEST RATED PARTITIONS TAKE PRECEDENT.
 - ALL FURNITURE FOR REFERENCE ONLY (SHOWN DASHED) WILL BE OWNER FURNISHED & OWNER INSTALLED.
 - ERECT DUST PROOF PARTITIONS AS REQUIRED BY THE WORK ICRA TO PROTECT ADJACENT AREAS - REFER TO SPEC SECTIONS 01 3532 AND 01 5615.
 - RADIUS EXPOSED COUNTERTOP CORNERS 2" RADIUS TYPICALLY. (2" WHERE 3MM EDGE BANDING, 1" RADIUS AT SSF EDGES.) U.N.O.
 - ALL EXISTING FLOOR & WALL OPENING & DEPRESSIONS NOT USED IN THE NEW WORK SHALL BE FILLED OR CLOSED WITH MATERIALS TO MEET REQUIRED FIRE RATING & MATCH ADJACENT FINISHES.
 - ALL CUTTING & PATCHING REQUIRED FOR NEW MECHANICAL & ELECTRICAL WORK IN ALL EXISTING SPACES SHALL BE BY THE RESPECTIVE CONSTRUCTION.
 - MATCH FINISHED WALL THICKNESS WHERE NEW WALLS OCCUR IN LINE WITH EXISTING.
 - ALL EXISTING CEILING & WALL GRILLES, DIFFUSERS, & LIGHTS ETC. TO REMAIN IN AREAS OF CONSTRUCTION SHALL BE CLEANED.
 - VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REPAIRED & EXTENDED TO STRUCTURE
 - ALL NEW WALLS ARE TYPE 'A5' WALL PARTITIONS UNLESS NOTED OTHERWISE. SEE WALL TYPES SHEET A021.
 - REFER TO LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATION OF REQUIRED FIRE WALLS.
 - REFER TO ELEVATIONS FOR WALL MOUNTED EQUIPMENT. PROVIDE IN-WALL BLOCKING AS REQUIRED
 - PROTECT ALL STRUCTURAL STEEL FIREPROOFING. CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED FIREPROOFING.
 - FLOOR ELEVATION 100'-0" = 2252.12' ON CIVIL DRAWINGS.

- KEYNOTE LEGEND:**
- ◊ ◊ ◊ INDICATES KEYNOTE ON PLAN
- AE 01 WORK STATION - BY OWNER, CONTRACTOR INSTALLED
 - AE 02 TOOL STORAGE - BY OWNER, CONTRACTOR INSTALLED
 - AE 03 WORK BENCH W/ WALL STORAGE ABOVE
 - AE 04 LOCKERS - SEE SPEC.
 - AE 05 WELDING BOOTH - BY OWNER, CONTRACTOR INSTALLED
 - AE 14 UTILITY SINK - SEE PLUMB.
 - AE 15 BOLLARD - SEE DETAIL 3/A401
 - AE 16 CATCH BASIN - SEE MECH
 - AE 24 CONCRETE SPLASH BLOCK - SEE 4/A401
 - AE 25 FIRE EXTINGUISHER - SEE SPEC.
 - AE 26 FLOOR EXPANSION JOINT - SEE DETAIL 14/A801
 - AE 35 CNC CUTTING TABLE - BY OWNER, CONTRACTOR INSTALLED
 - AE 36 VERTICAL BAND SAW - BY OWNER, CONTRACTOR INSTALLED
 - AE 37 16" x 46" LATHE WITH DIGITAL TACHOMETER - BY OWNER, CONTRACTOR INSTALLED
 - AE 38 FIRE EXTINGUISHER CABINET - SEE SPEC.
 - AE 40 CONC FLOOR PATCHING BY GC. SLAB REPAIR: 4" THICK CONCRETE (4000 PSI) SLAB OVER 6" SAND DRAINAGE COURSE OVER 10 MIL VAPOR BARRIER. REINFORCE W/ #3 @ 18" O/C EACH WAY CENTERED IN SLAB. DOWEL TO EX SLAB W/ #3 x 18" LONG BARS @ 18" O/C W/ 4" EMBEDMENT. EITHER GREASE END AND/OR PLACE IN OVERSIZED HOLE - NO EPOXY. FIELD VERIFY ALL DIMENSIONS.

CONSULTANTS

CLIENT
 POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
 AG EDUCATION ADDITION

CITY POWERS LAKE
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
2	ADDENDUM 2	02/11/2026
1	ADDENDUM 1	02/05/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

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DRAWING TITLE
 LOWER LEVEL FLOOR PLAN

A201

1 LOWER LEVEL FLOOR PLAN
 1/8" = 1'-0"

Revit Version: 2025
 Plot Date: 2/11/2026 2:44:51 PM

1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026
MARK	DESCRIPTION	DATE

PROJECT NO: 20254400

DRAWN BY: EK,MGB

CHECKED BY: SH

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STAMP

DRAWING TITLE
FIRST FLOOR REFLECTED CEILING PLAN

A301

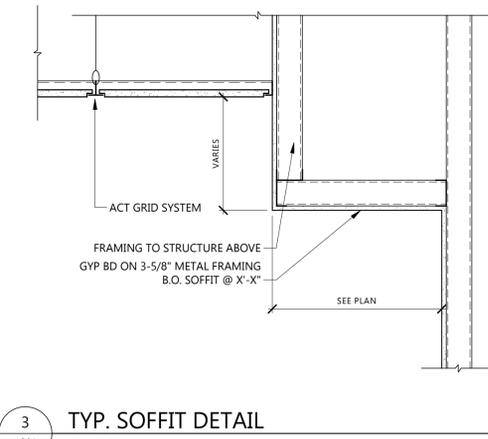
KEYNOTE LEGEND:

	<<< INDICATES KEYNOTE ON PLAN
AE 11	EXPOSED CEILING TO BE PAINTED - SEE FINISH SCHEDULE
AE 12	EXISTING - NO WORK TO BE DONE UNLESS NOTED OTHERWISE
AE 13	NEW CEILING TILE & GRID
AE 17	REMOVE EXISTING CEILING TILES FOR INSTALLATION OF NEW WATER & FIRE SPRINKLER LINES. EXISTING CEILING GRID IS TO REMAIN. REINSTALL EXISTING CEILING TILES AFTER PIPING INSTALLATION. REPLACE ANY DAMAGED CEILING TILES TO MATCH EXISTING.
AE 18	EXISTING BULKHEAD TO REMAIN

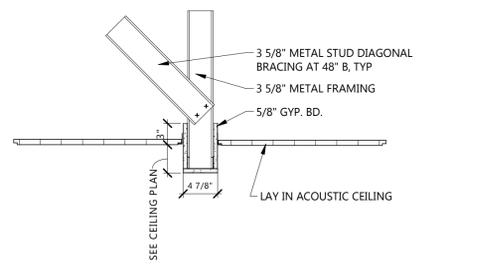
CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS	TYPICAL SUSPENDED CEILING GRID
	24" x 48" GRID SHOWN
	24" x 24" GRID SHOWN
	GYPSUM WALL BOARD OR PLASTER
	WOOD CEILING
	LIGHT FIXTURES
	2x4 LAY-IN
	2x2 LAY-IN
	1x4 LAY-IN
	RECESSED INCANDESCENT
	EXIT LIGHT
	TRACK LIGHT

- GENERAL CEILING NOTES**
- PROVIDE GYPSUM WALL BOARD AND METAL STUD BULK HEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILED.
 - REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT.
 - REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS, DETECTORS, POWER OUTLETS, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT. WHERE DEVICES ARE NOT SHOWN ON PLAN, FIELD VERIFY LOCATION AND QUANTITY PRIOR TO REMOVAL. THESE DEVICES WILL BE RELOCATED INTO NEW PLAN.
 - FIRE SPRINKLER CONTRACTOR IS REQUIRED TO PROVIDE FINAL DESIGN OF ENTIRE SPRINKLER SYSTEM FOR THE PROJECT AREA. SPRINKLER CONTRACTOR IS REQUIRED TO SUBMIT ALL REQUIRED INFORMATION TO REVIEW AGENCIES FOR APPROVAL AND PERMITS. CONTRACTOR TO FIELD VERIFY EXTENT OF CEILING REPLACEMENT. CONTRACTOR TO COORDINATE WITH ALL TRADES. CONTRACTORS OPTION TO REPLACE CEILING TO OWNER'S SATISFACTION OR TO PROVIDE NEW CEILING MATERIAL REPAIR ANY EXISTING AREAS DAMAGED BY CONSTRUCTION OF THIS PROJECT.
 - WHERE CEILINGS ARE INDICATED TO BE EXPOSED TO STRUCTURE, PAINT ALL UNFINISHED MATERIALS OVERHEAD, INCLUDING, BUT NOT LIMITED TO, ROOF DECKING, JOISTS, DUCTS, PIPING, CONDUIT, ETC. SEE FINISHES SHEET FOR PAINT.
 - GENERAL CONTRACTOR TO COORDINATE CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC. WITH EQUIPMENT SUPPLIER AND OWNER PRIOR TO INSTALLATION.
 - CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC. SHALL BE LOCATED IN THE CENTER OF CEILING PANELS, GYPSUM BOARD SOFFITS, AND/OR PLASTER SOFFIT BAYS UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
 - FINISHED GYPSUM BOARD SOFFITS SHALL EXTEND 1" BEYOND FACE AND EXPOSED ENDS OF WALL, CABINETS, FULL-HEIGHT CABINETS, ETC. UNLESS NOTED OTHERWISE. COORDINATE CABINET DIMENSIONS WITH SUPPLIER GYPSUM BOARD FASCIA/SOFFIT DETAILS ARE REFERENCED FROM THE REFLECTED CEILING PLAN.
 - IN REMODELING WORK IN EXISTING ACOUSTIC CEILING TILE SUSPENSION SYSTEM REMOVE EXISTING PANELS, CUT AS REQUIRED FOR CONSTRUCTION, AND REINSTALL. REPLACE DAMAGED OR SOILED PANELS WITH ACOUSTIC CEILING TILE TO MATCH EXISTING.
 - VERTICAL FACE OF SOFFITS THAT ALIGN WITH WALL TO RECEIVE ADJACENT WALL FINISH UNLESS NOTED OTHERWISE.
 - PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND NEW GYP BD CEILING WHERE NEW GYP BD MEETS EXISTING AT SAME HEIGHT (NO VISIBLE JOINT BETWEEN EXISTING AND NEW).
 - UNISTRUT TO BE DESIGN BUILD. COORDINATE CLOSELY WITH EQUIPMENT DRAWINGS FOR LOCATIONS OF ALL LIGHTS AND BOOMS.

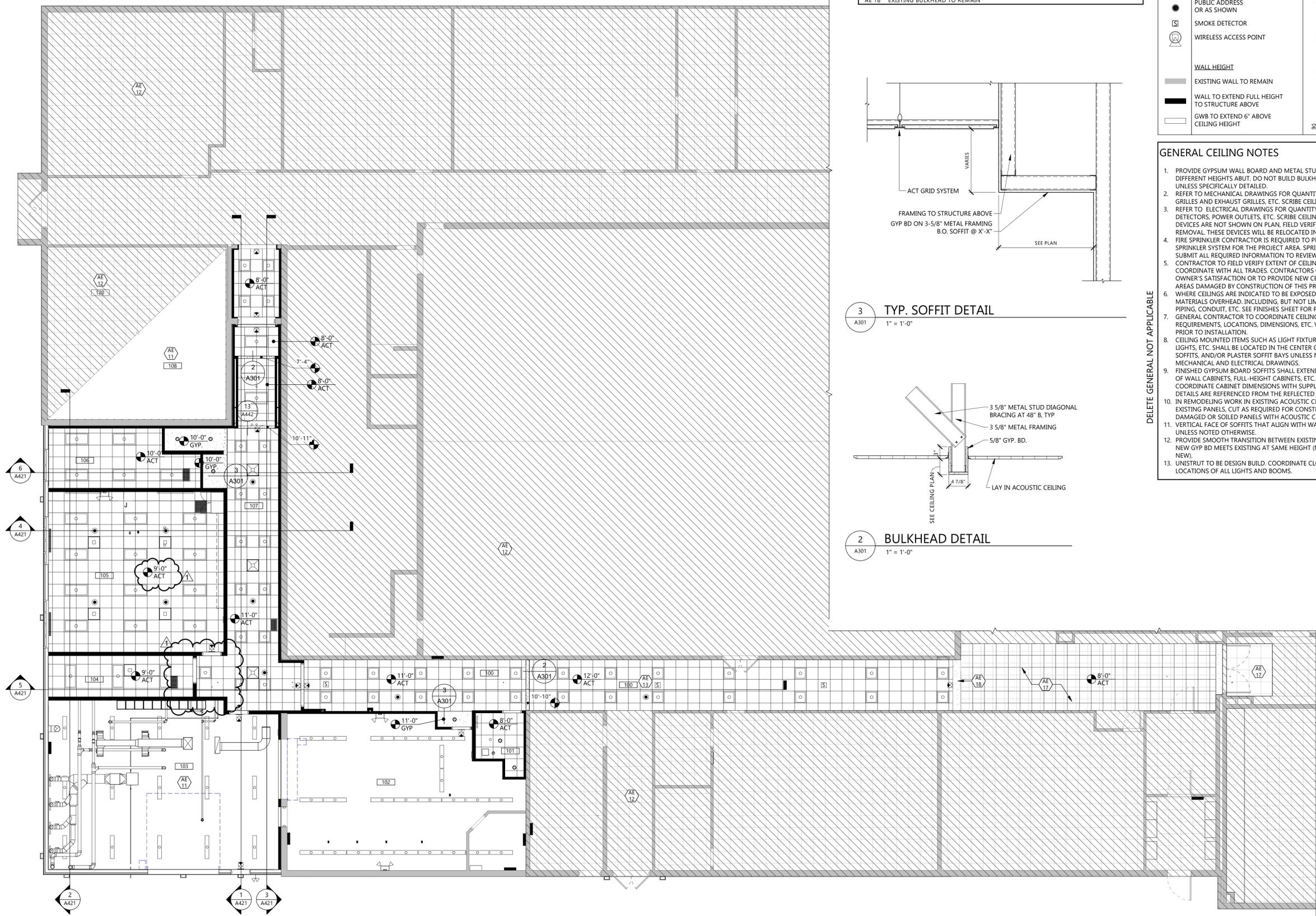


3 TYP. SOFFIT DETAIL
A301 1" = 1'-0"



2 BULKHEAD DETAIL
A301 1" = 1'-0"

DELETE GENERAL NOT APPLICABLE



1 FIRST FLOOR REFLECTED CEILING PLAN
A301 1/8" = 1'-0"

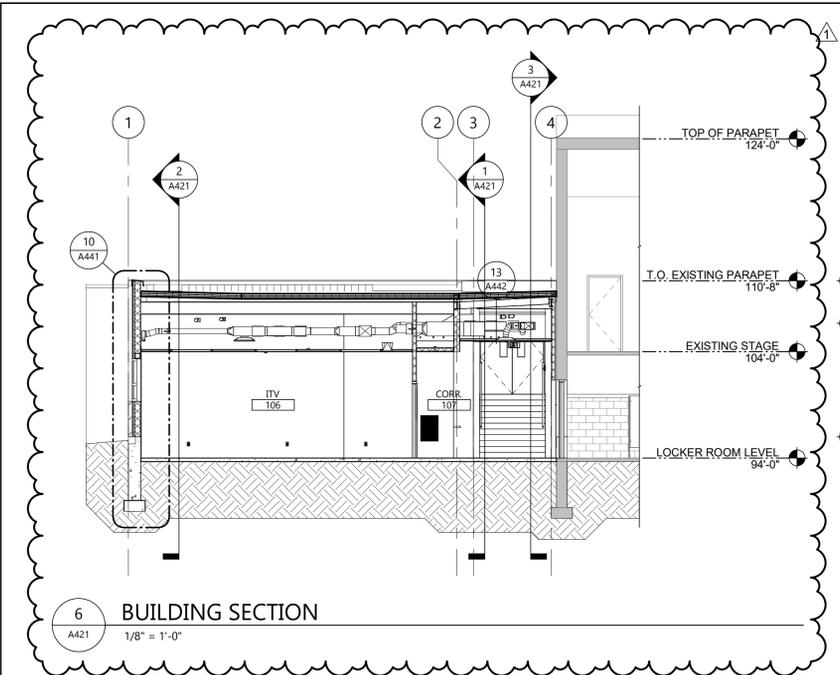
1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026
MARK	DESCRIPTION	DATE

PROJECT NO: **20254400**
DRAWN BY: **EK,MGB**
CHECKED BY: **SH**

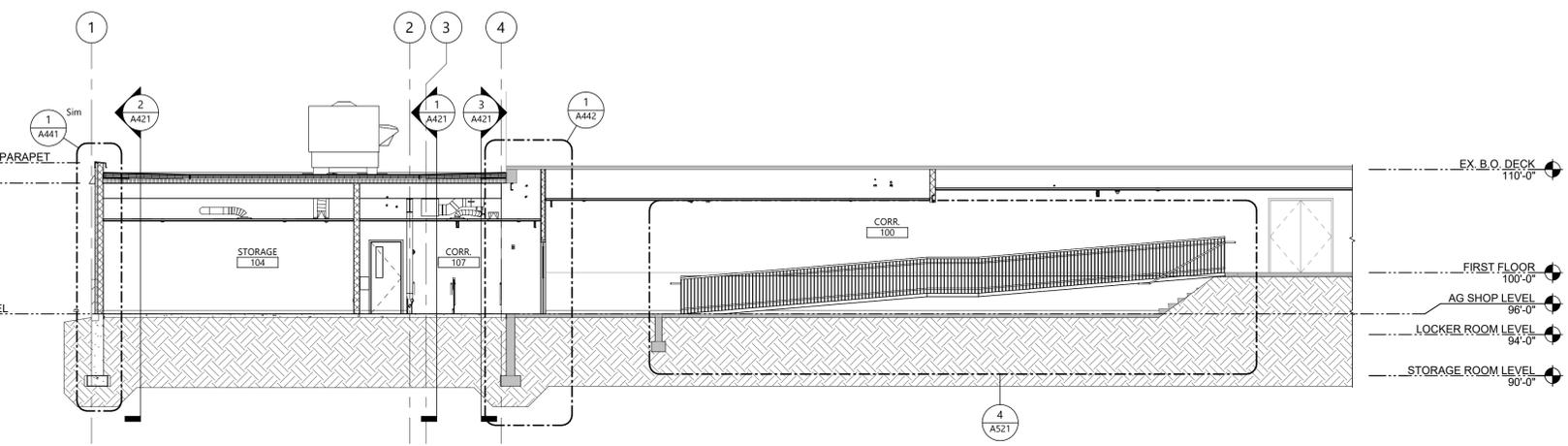
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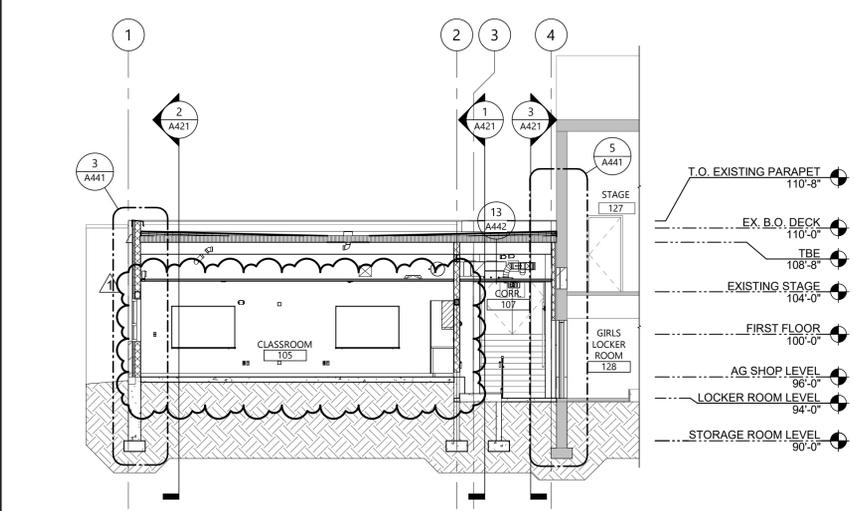
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BUILDING SECTIONS



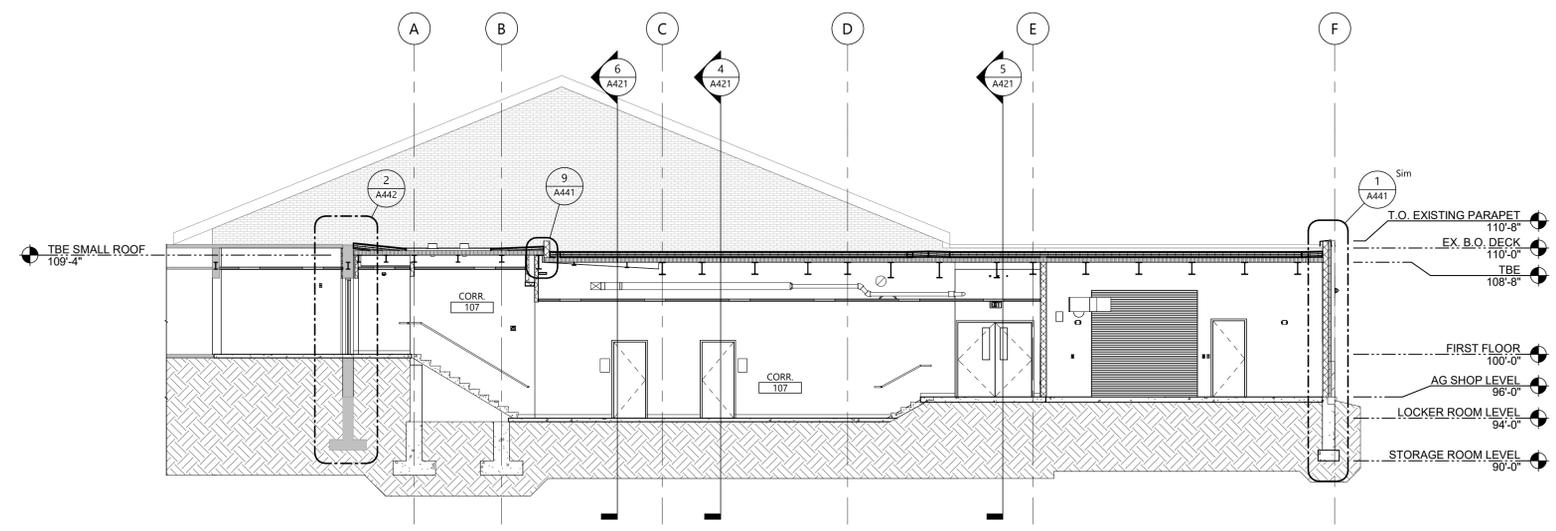
6 BUILDING SECTION
A421 1/8" = 1'-0"



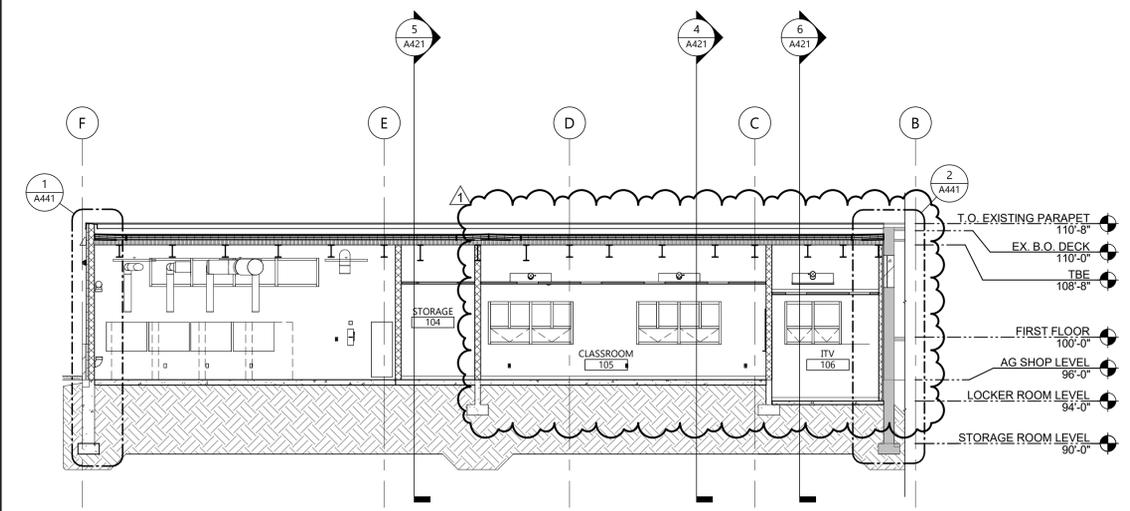
5 BUILDING SECTION
A421 1/8" = 1'-0"



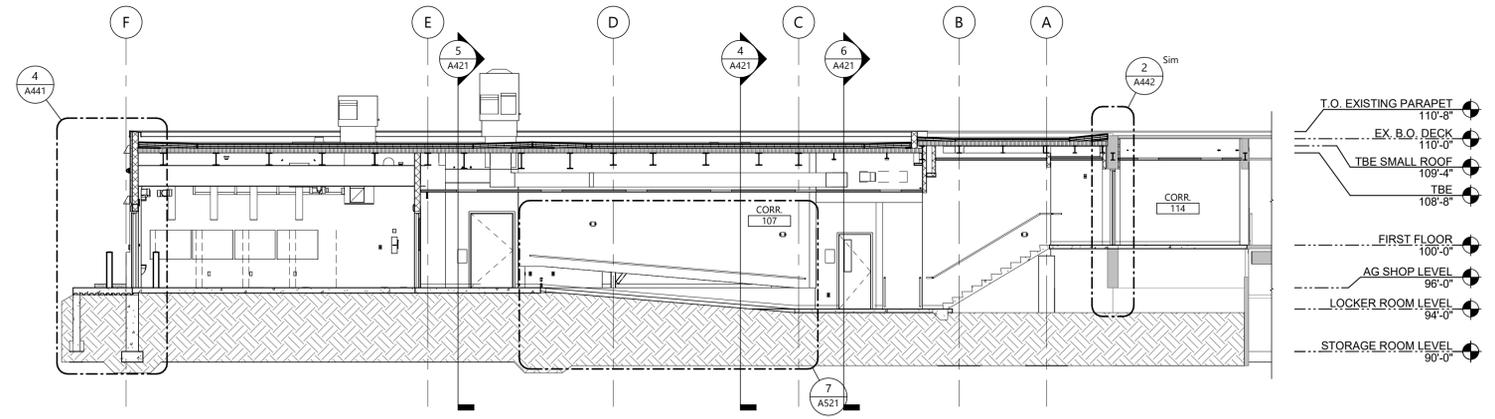
4 BUILDING SECTION
A421 1/8" = 1'-0"



3 BUILDING SECTION
A421 1/8" = 1'-0"



2 BUILDING SECTION
A421 1/8" = 1'-0"



1 BUILDING SECTION
A421 1/8" = 1'-0"

CONSULTANTS

CLIENT
POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

CITY **POWERS LAKE**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

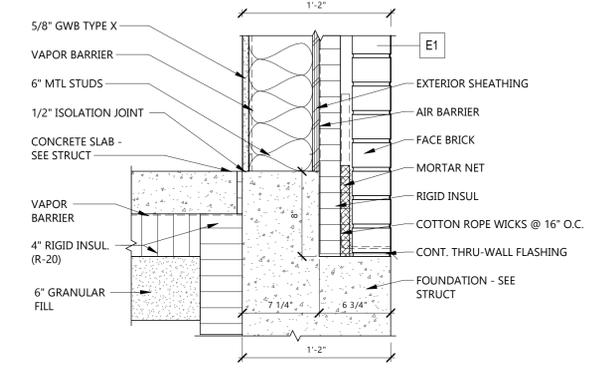
PROJECT NO: **20254400**
DRAWN BY: **MGB**
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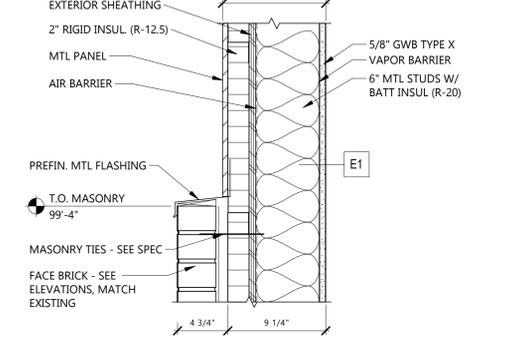
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DRAWING TITLE
WALL SECTIONS

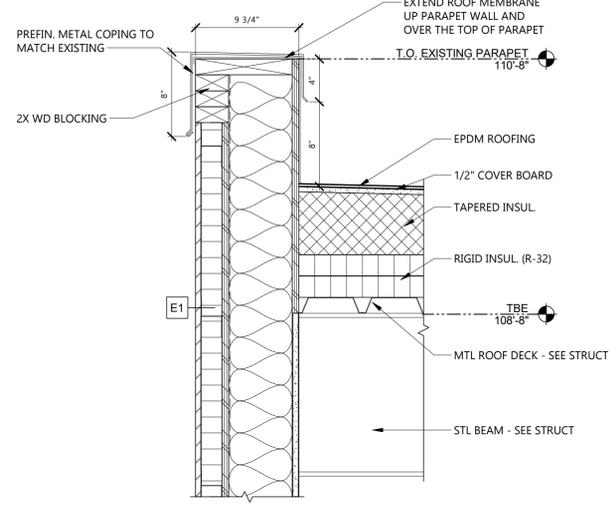
A441



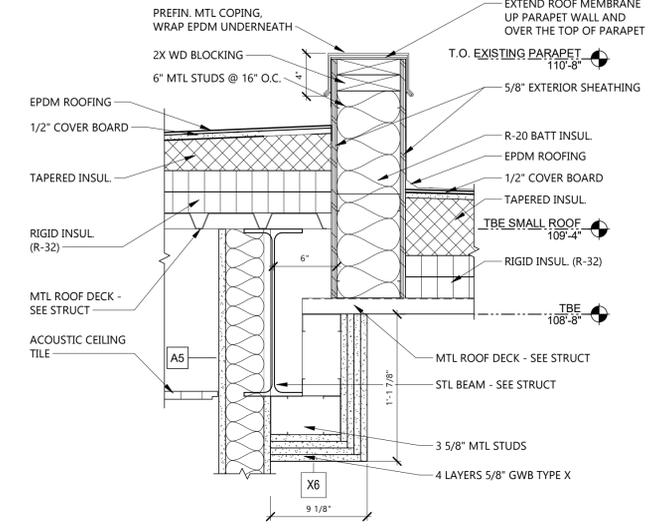
6 BRICK LEDGE DETAIL
A441 1 1/2" = 1'-0"



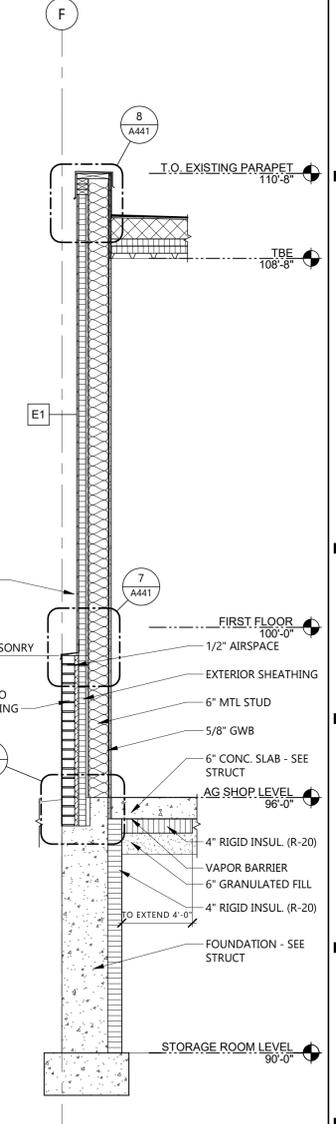
7 BRICK TO MTL PANEL DETAIL
A441 1 1/2" = 1'-0"



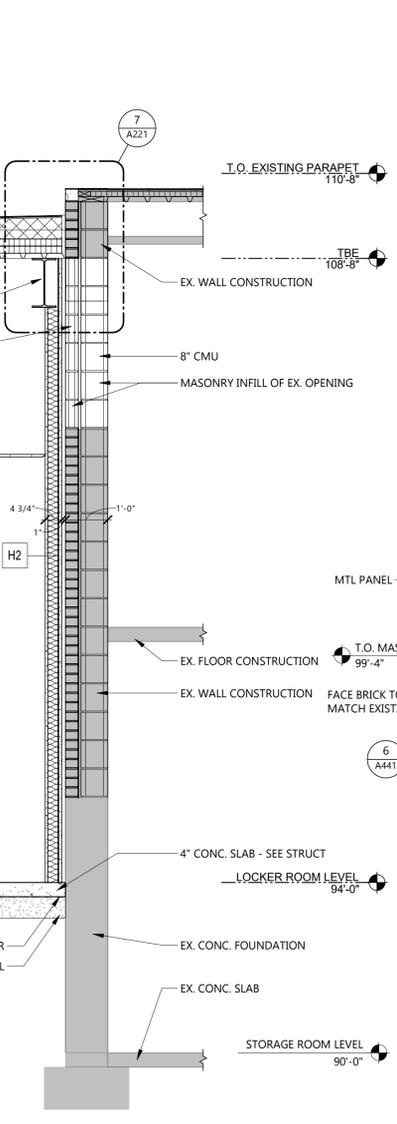
8 PARAPET DETAIL
A441 1 1/2" = 1'-0"



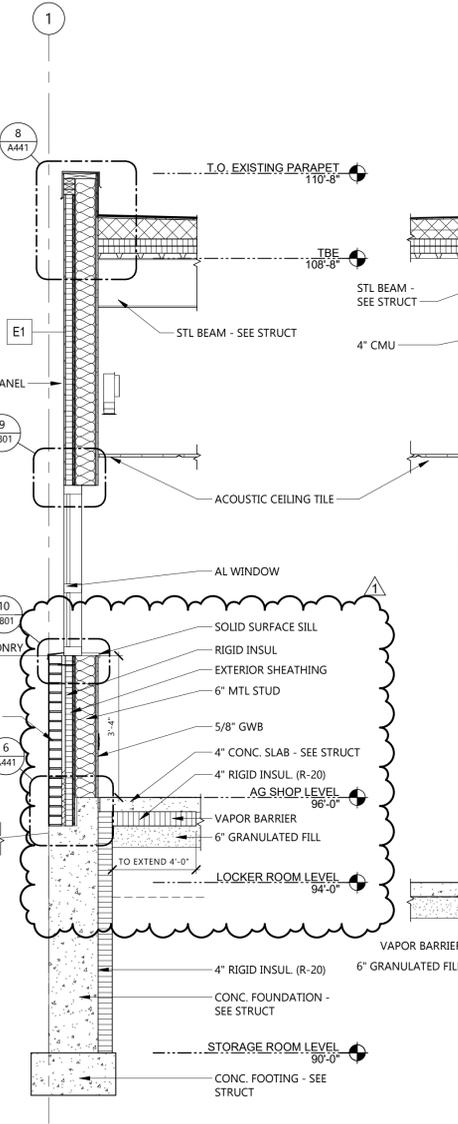
9 ROOF TRANSITION
A441 1 1/2" = 1'-0"



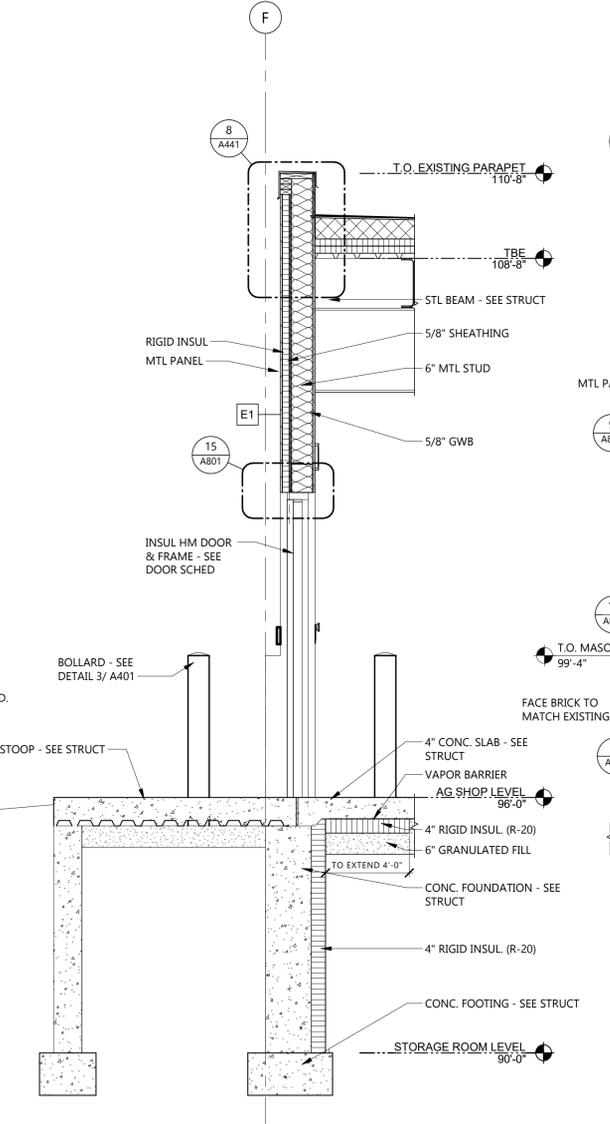
1 WALL SECTION
A441 1/2" = 1'-0"



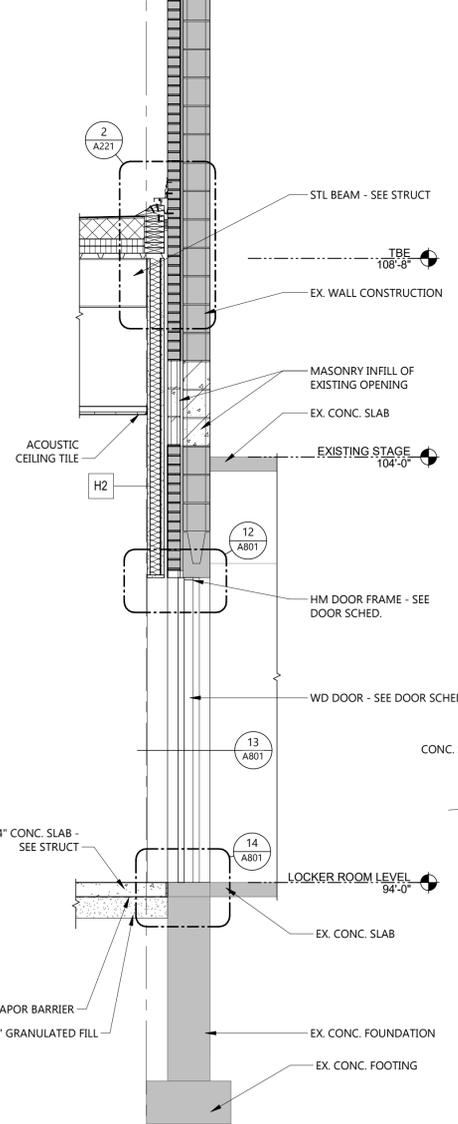
2 WALL SECTION
A441 1/2" = 1'-0"



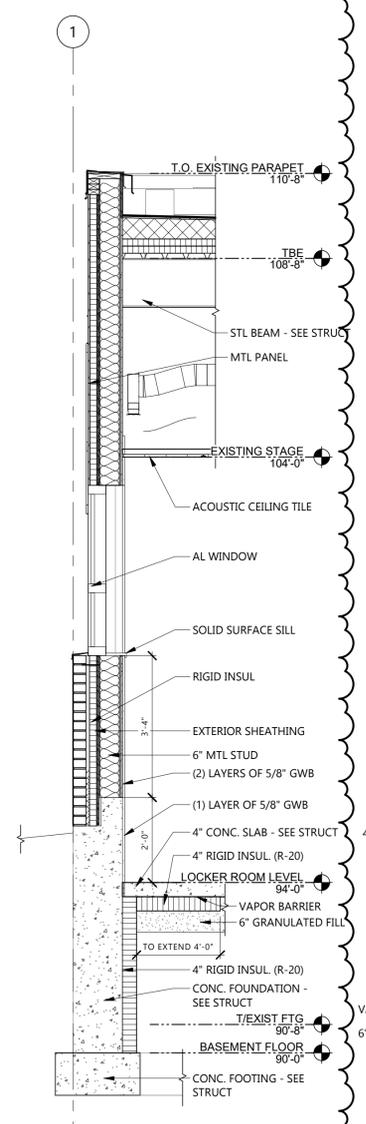
3 WALL SECTION
A441 1/2" = 1'-0"



4 WALL SECTION
A441 1/2" = 1'-0"



5 WALL SECTION
A441 1/2" = 1'-0"



10 WALL SECTION
A441 1/2" = 1'-0"

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 Plot Date: 2/11/2026 2:34:58 PM

2	ADDENDUM 2	02/11/2026
1	ADDENDUM 1	02/05/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026
MARK	DESCRIPTION	DATE

PROJECT NO: 20254400

DRAWN BY: EK,MGB

CHECKED BY: SH

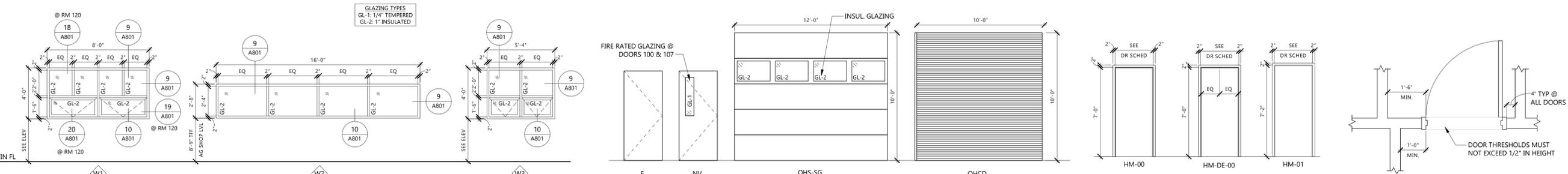
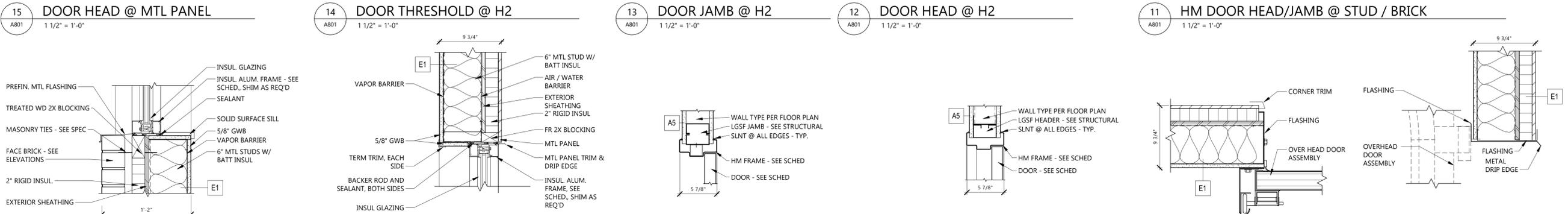
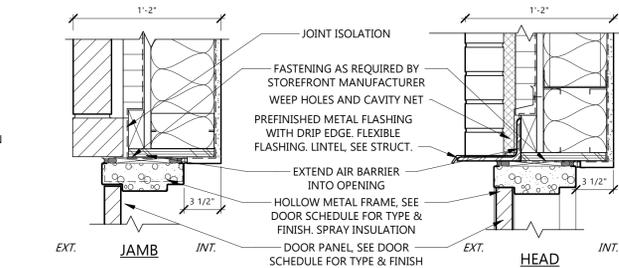
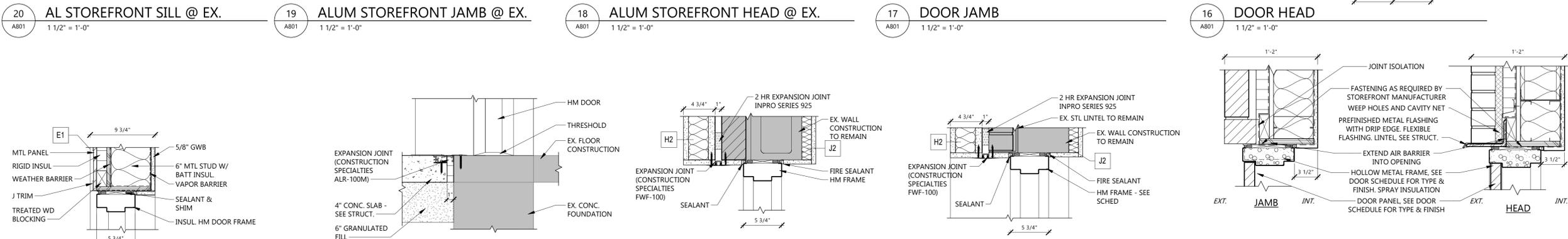
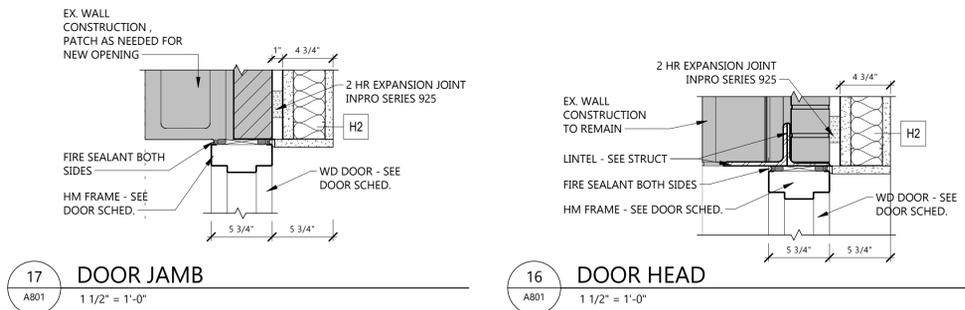
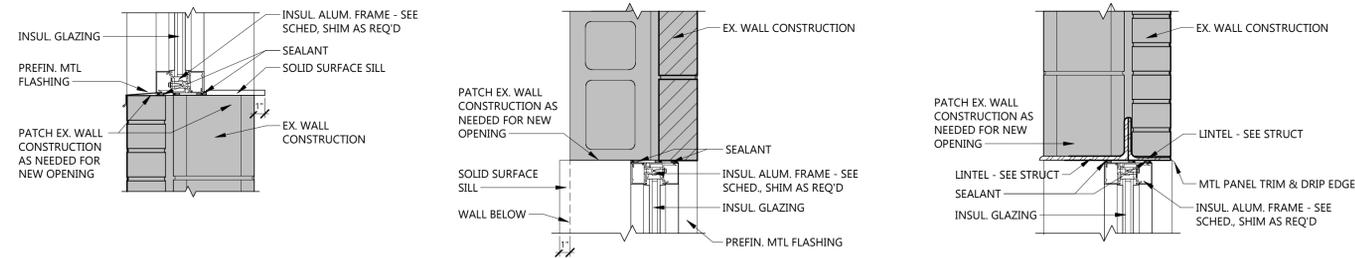
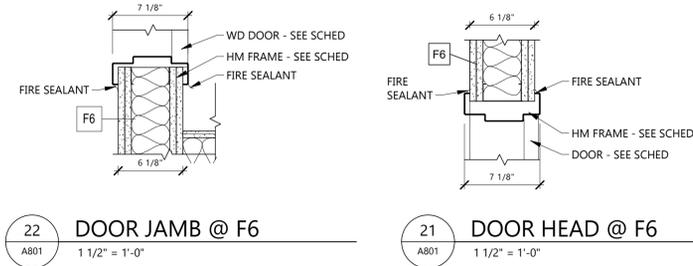
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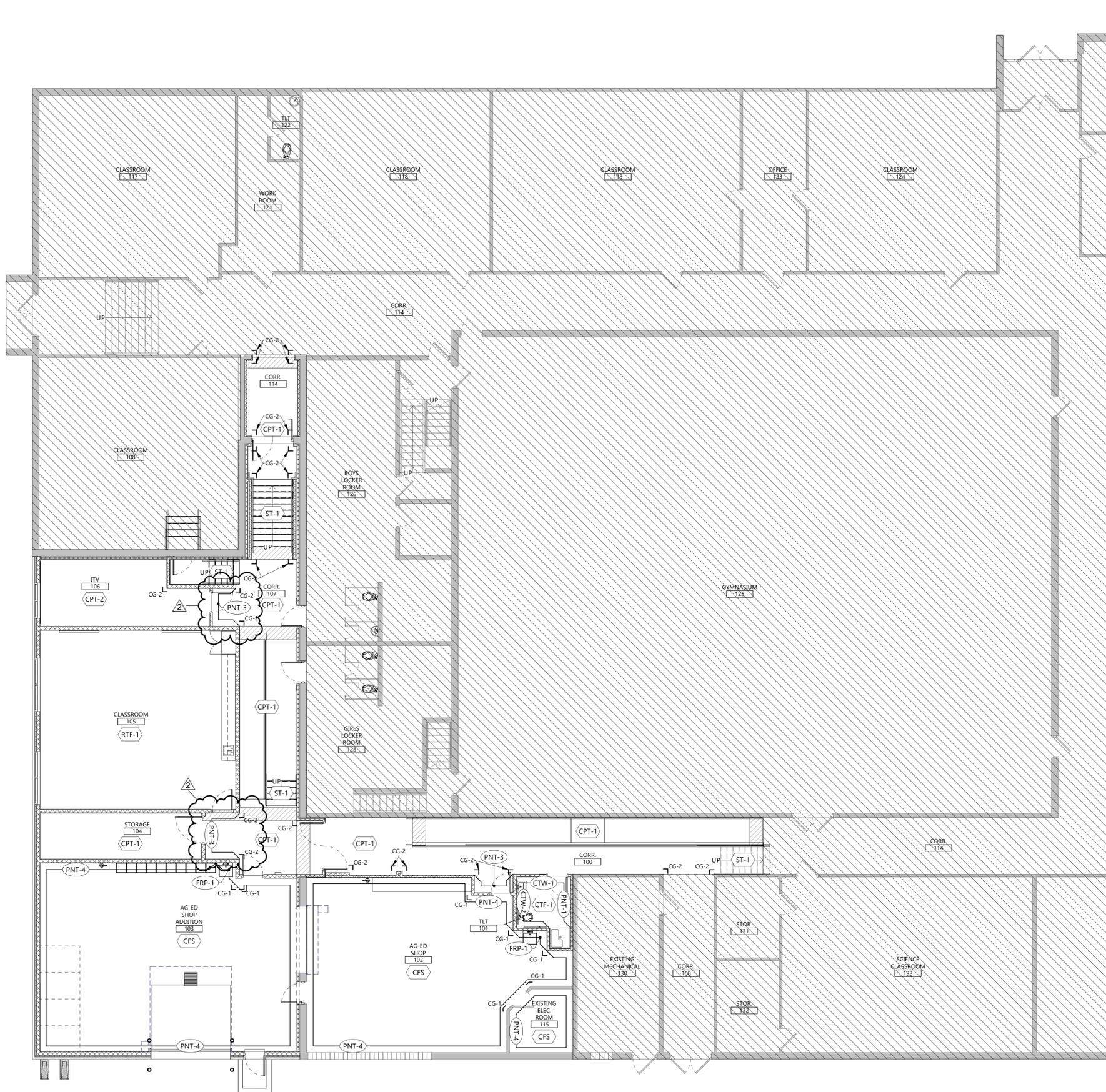
DRAWING TITLE
**DOOR SCHEDULE,
DOOR AND WINDOW
ELEVATIONS**

A801

DR #	ROOM NAME	DOOR PANEL(S)		DOOR FRAME		DETAILS - SEE SHEET A801			FIRE RATING	HDWE	NOTES
		OPENING SIZE	MATL	TYPE	MATL	TYPE	HEAD	JAMB			
100	CORR.	7'-0" x 7'-0"	WD	NV	HM	HM-DE-00	21/A801	22/A801	2 1/2" 90 MIN.	5.1	DOUBLE DOOR, FIRE RATED GLAZING
101	TLT	3'-0" x 7'-0"	WD	F	HM	HM-00	7/A801	8/A801		2	
102A	AG-ED SHOP	3'-0" x 7'-0"	WD	NV	HM	HM-00	7/A801	8/A801		3	
102B	AG-ED SHOP	3'-0" x 7'-2"	WD	F	HM	HM-01	16/A801	17/A801	90 MIN.	3.1	
102C	AG-ED SHOP	10'-0" x 10'-0" (VIF)	STL	OHCG	--	--	5/A442	5/A442	90 MIN.	1	OVERHEAD COILING DOOR
103A	AG-ED SHOP ADDITION	3'-0" x 7'-0"	WD	NV	HM	HM-00	7/A801	8/A801		3	
103B	AG-ED SHOP ADDITION	3'-0" x 7'-0"	HM	F	HM	HM-01	11/A801	11/A801		4.2	INSULATED HM DOOR & FRAME
103C	AG-ED SHOP ADDITION	12'-0" x 10'-0"	MTL	OHS-SG	--	--	5/A801	6/A801		1	INSULATED OVERHEAD DOOR
104	STORAGE	4'-0" x 7'-0"	WD	F	HM	HM-00	7/A801	8/A801		4	
106	ITV	3'-0" x 7'-0"	WD	NV	HM	HM-00	7/A801	8/A801		3	
107	CORR.	6'-0" x 7'-0"	HM	NV	HM	HM-DE-00	12/A801	13/A801	2 1/2" 90 MIN.	5	DOUBLE DOOR, FIRE RATED GLAZING
108	STORAGE	3'-0" x 7'-2"	WD	F	HM	HM-01	16/A801	17/A801		4.1	
126	BOYS LOCKER ROOM	3'-0" x 7'-2" (VIF)	WD	F	HM	HM-01	12/A801 SIM	13/A801 SIM	90 MIN.	3.1	EX. OPENING
128	GIRLS LOCKER ROOM	3'-0" x 7'-2" (VIF)	WD	F	HM	HM-01	12/A801 SIM	13/A801 SIM	90 MIN.	3.1	EX. OPENING



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GENERAL FINISH NOTES

1. REFER TO FINISH PLANS, INTERIOR ELEVATIONS, AND REFLECTED CEILING PLANS FOR ADDITIONAL FINISH LOCATIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALLOWING FOR DELIVERY LEAD TIMES FOR ALL FINISHES SPECIFIED WITHIN THE CONSTRUCTION SCHEDULE. ALL DELIVERY TIMES MUST BE CONFIRMED, AND ANY EXCESSIVE LEAD TIME MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY TO ALLOW FOR RE-SPECIFICATION IF NECESSARY.
3. CONTRACTOR SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF ALL MATERIALS.
4. WHERE WALL FINISH CHANGES OCCUR, TERMINATE AT INSIDE CORNERS, UNO.
5. ALL WALLS TO RECEIVE (PNT-1), UNO. REFER TO FINISH PLANS FOR MORE INFORMATION.
6. ALL TRANSITIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER CENTER OF DOOR, WHERE OCCURS, UNO. AT SLIDING DOORS, TRANSITIONS SHALL BE LOCATED ON THE INSIDE FACE OF DOOR, UNO.
7. ALL CRACKS, HOLES, IMPERFECTIONS IN EXISTING WALLS, PARTITIONS OR GYP BOARD SHALL BE FILLED WITH PATCHING PLASTER AND SMOOTHED OFF TO MATCH ADJOINING SURFACES.
8. ALL SEALANTS TO MATCH SURFACE IN WHICH THEY OCCUR.
9. JOINTS IN RESILIENT BASE SHALL NOT OCCUR CLOSER THAN 6" FROM CORNER AND SHALL BE BUTTED TIGHTLY TOGETHER.
10. ALL MISCELLANEOUS ITEMS SCHEDULED TO BE PAINTED, INCLUDING MECHANICAL AND ELECTRICAL, PAINT TO MATCH ADJACENT SURFACE.
11. UPON COMPLETION, REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED OR SPLATTERED ON EXPOSED SURFACES.
12. EXAMINE ALL FINISH SURFACES AFTER COMPLETION OF WORK AND PROCEED WITH "TOUCH-UP" AS REQUIRED.
13. UNDERSIDE OF SOFFITS (WHERE OCCURS) TO RECEIVE A FINISH TO MATCH THE ADJACENT SOFFIT VERTICAL FINISH, UNO.
14. ALL VERTICAL SURFACES SHALL RECEIVE WALL BASE (RB-1), UNO.
15. PAINT CEILING ACCESS PANELS WHERE THEY OCCUR TO MATCH ADJACENT CEILING FINISH.
16. STAINED AND PAINTED SURFACES SHALL BE FINISHED SUCH THAT JOINTS ARE NOT VISIBLE WHEN VIEWED FROM ANY ANGLE AS DETERMINED BY THE ARCHITECT.
17. ALL GYP BOARD CEILINGS AND SOFFITS TO BE (PNT-5), UNO. REFER TO REFLECTED CEILING PLAN AND CEILING DETAILS FOR MORE FINISH INFORMATION.
18. PROVIDE CORNER GUARDS AT OUTSIDE CORNERS AS INDICATED, UNO.
19. HOLLOW METAL DOORS AND HOLLOW METAL FRAMES SHALL BE PAINTED TO MATCH (PNT-3) WHERE NEW WORK IS INDICATED.
20. CONTRACTOR TO PROVIDE FLOOR SEAMING DIAGRAM TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
21. ALL EXPOSED CEILINGS TO RECEIVE DRYWALL PAINT, UNO. COLOR TO MATCH (PNT-5).
22. ALL AREAS OF CONCRETE SLAB RECEIVING A FLOOR COVERING TO UNDERGO MOISTURE TESTING IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTION.
23. ALL RAILING OR GUARD RAILS TO BE PAINTED FIELD COLOR (PNT-1), UNO.
24. ALL WALLS RECEIVING CERAMIC TILE TO HAVE CEMENT BOARD SUBSTRATE.
25. ALL OUTSIDE CORNERS OF TILE INSTALLATIONS TO RECEIVE (TS-4), ALL INTERIOR CORNERS TO RECEIVE SILICONE SEALANT COLOR MATCHED TO GROUT.
26. ALL LINTELS TO BE PAINTED TO MATCH EXTERIOR SURFACE, UNO.
27. WHERE NEW CONSTRUCTION MEETS EXISTING STRUCTURE, PATCH TO MATCH FINISHES, UNO.
28. ALL WINDOW SILLS TO BE (SSF-1), UNO.

KEYNOTE LEGEND:

◡ ◡ ◡ INDICATES KEYNOTE ON PLAN

FINISH LEGEND

- (PNT-X) WALL FINISH SYMBOL
- (CTF-X) FLOOR FINISH SYMBOL
- EXG EXISTING FLOOR FINISH TO REMAIN
- ◡ CPT-2
- └ CG-X CORNER GUARD

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 Interior Design Industrial
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 www.eapc.net

CONSULTANTS

CLIENT
POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

CITY **POWERS LAKE**
 STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
2	ADDENDUM 2	02/11/2026
1	ADDENDUM 1	02/05/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

PROJECT NO: **20254400**
 DRAWN BY: **MM**
 CHECKED BY: **SH,ED**

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STAMP

DRAWING TITLE
FINISH PLAN

A901

1 FIRST FLOOR FINISH PLAN
 A901 1/8" = 1'-0"



CONSULTANTS

CLIENT
POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

CITY **POWERS LAKE**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

PROJECT NO: **20254400**

DRAWN BY: **MM**

CHECKED BY: **SH,ED**

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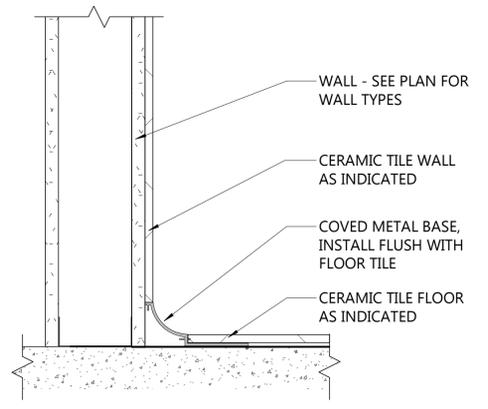
STAMP

DRAWING TITLE
INTERIOR FINISH DETAILS & MATERIAL IDENTIFICATION CODES

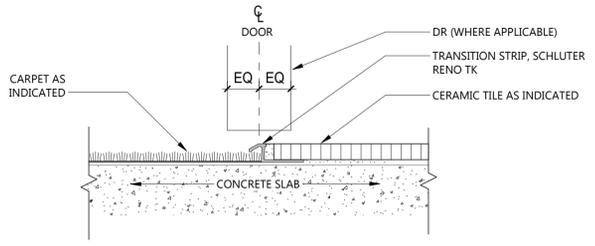
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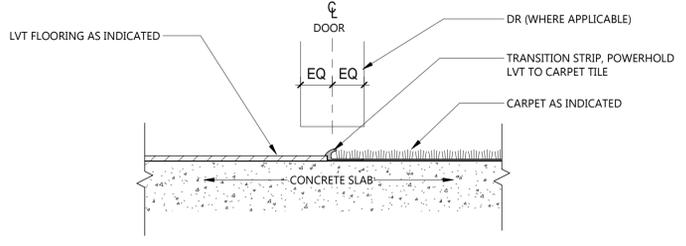
06 4100	PLAM	ARCHITECTURAL WOOD CASEWORK
	PLAM-1	FORMICA, CARDBOARD SOLIDZ 7813-58
06 8316	FRP	PLASTIC PANELING
	FRP-1	MARLITE, STANDARD PEBBLED FRP, WHITE P100
09 3000	CTW, CTF, CTB	TILING
	CTW-1	DALTILE, CHORD, ALLEGRO BEIGE CH21 12x24, LIGHT POLISHED
	CTW-2	DALTILE, CHORD, BARITONE BROWN CH24 12x24, LIGHT POLISHED
	CTF-1	DALTILE, CHORD, BARITONE BROWN CH24 12x24, MATTE
09 5100	ACT	ACOUSTICAL CEILINGS
	ACT-1	MATCH EXISTING
09 6513	RB, TS	RESILIENT BASE AND ACCESSORIES
	RB-1	JOHN COITTE, COVBASE, MANNINGTON 65
	ST-1	NORA, NORAMENT ARAGO STAIR TREAD, CALM 5178
	TS-1	CARPET TO SEALED CONCRETE
	TS-2	RESILIENT FLOORING TO CARPET
	TS-3	CARPET TO CERAMIC TILE
	TS-4	SCHLUTER, JOLLY
09 6519	RTF	RESILIENT TILE FLOORING
	RTF-1	MANNINGTON, AMTICO SIGNATURE STONE, BASILICA SHALE
09 9123	CNT	WALL CEILING
	CPT-1	MANNINGTON, ALIGN, CONCENTRIC 74586
	CPT-2	MANNINGTON, CIRCUIT, COLOR TBD
09 9123	PNT	INTERIOR PAINTING
	CFS	CONCRETE FINISHING SYSTEM
	PNT-1	SHERWIN WILLIAMS, BLONDE SW 6128
	PNT-2	SHERWIN WILLIAMS, MANNERED GOLD SW 6130 (NOT USED)
	PNT-3	SHERWIN WILLIAMS, FINE WINE SW 6307
	PNT-4	SHERWIN WILLIAMS, SOFTER TAN SW 6141
	PNT-5	SHERWIN WILLIAMS, HIGH REFLECTIVE WHITE, SW 7757
10 2600	CG	WALL AND DOOR PROTECTION
	CG-1	C-S ACROVYN, CO-8 CORNER GUARD, 8" STAINLESS STEEL, 2" WING
	CG-1	C-S ACROVYN, CO-8 CORNER GUARD, 4" STAINLESS STEEL, 2" WING
12 3623.13	PLAM	PLASTIC LAMINATE CLAD COUNTERTOPS
	PLAM-2	NEVAMAR, CLASSIC ROCK RK2001
12 3661.16	SSF	SOLID SURFACING COUNTERTOPS
	SSF-1	CORIAN, CANVAS



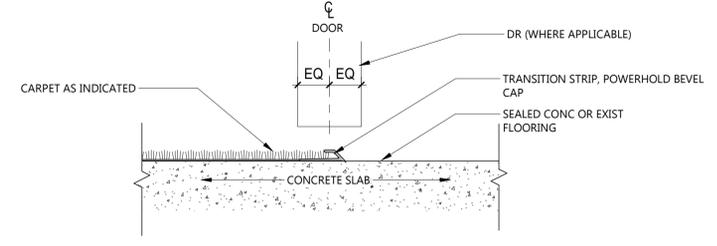
4 FINISH DETAIL - CERAMIC WALL TILE TO CERAMIC FLOOR TILE
A921 NOT TO SCALE



3 TS-3 CARPET TO CERAMIC TILE
A921 6" = 1'-0"



2 TS-2 RESILIENT FLOORING TO CARPET
A921 6" = 1'-0"



1 TS-1 CARPET TO SEALED CONCRETE
A921 6" = 1'-0"

1	ADDENDUM 2	02/11/2026
MARK	DESCRIPTION	DATE

PROJECT NO: **20254400**

DRAWN BY: **Author**

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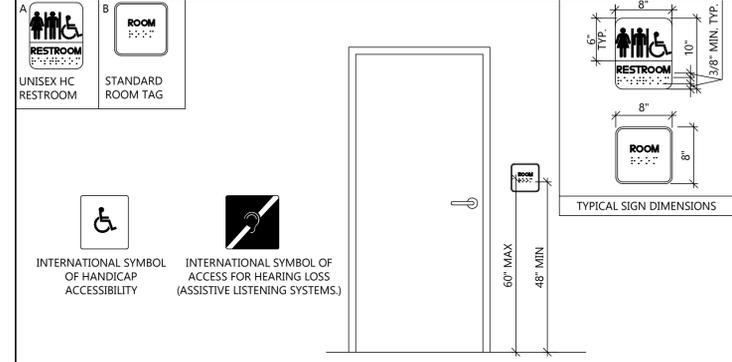
DRAWING TITLE
SIGNAGE PLAN AND SCHEDULE

A931

GENERAL SIGNAGE NOTES

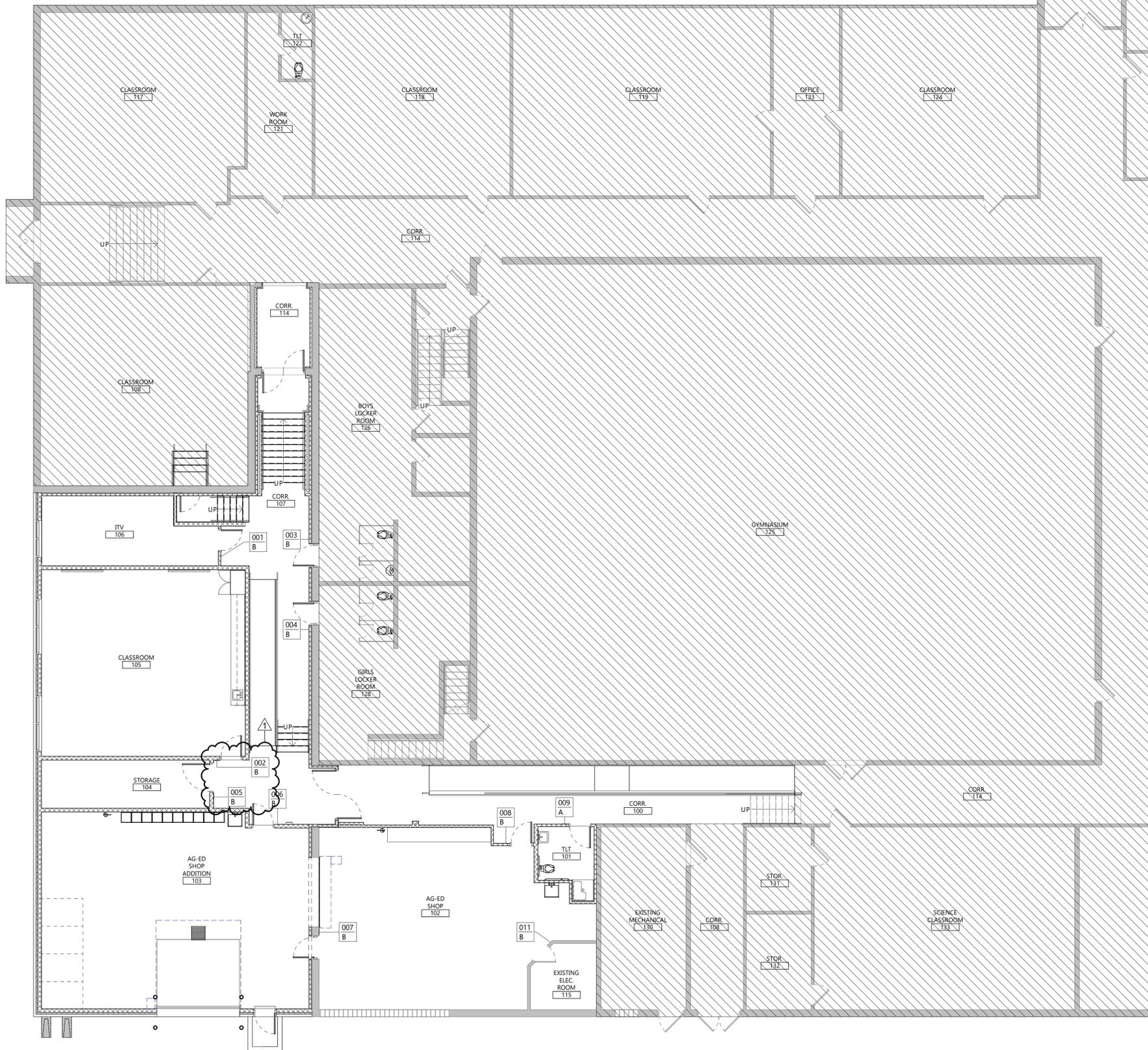
1. REFER TO THE EXISTING SIGNAGE REQUIREMENTS BY OWNER.
2. THE SIGNAGE VENDOR SHALL COORDINATE WITH THE ARCHITECT FOR FINAL SIGNAGE MESSAGING, FINAL MOUNTING LOCATIONS, AND ANY REVISIONS TO THE SIGNAGE LOCATIONS AND TYPES.
3. FINAL SIGNAGE DRAWINGS AND SCHEDULE SHALL BE PROVIDED BY THE SIGNAGE VENDOR.
4. ALL SIGNAGE SHOULD FOLLOW ADA GUIDELINES.

SIGN SYMBOLS AND MOUNTING HEIGHTS



SIGN MESSAGE SCHEDULE

SIGN NUMBER	SIGN TYPE	ROOM NUMBER	ROOM NAME	QUANTITY	SIGN MESSAGE NUMBER	SIGN MESSAGE NAME
001	B	106	ITV	1		ITV ROOM
002	B	105	CLASSROOM	1		CLASSROOM
003	B	126	BOYS LOCKER ROOM	1		BOYS LOCKER ROOM
004	B	128	GIRLS LOCKER ROOM	1		GIRL'S LOCKER ROOM
005	B	104	STORAGE	1		STORAGE
006	B	103	AG-ED SHOP ADDITION	1		METAL SHOP
007	B	103	AG-ED SHOP ADDITION	1		METAL SHOP
008	B	102	AG-ED SHOP	1		WOOD SHOP
009	A	101	TLT	1		RESTROOM
011	B	115	EXISTING ELEC. ROOM	1		ELECTRICAL ROOM



2 FIRST FLOOR SIGNAGE PLAN
1/8" = 1'-0"



GENERAL NOTES

- BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. COORDINATE ALL REQUIRED SHUTDOWNS WITH FACILITIES PRIOR TO COMMENCING WORK.

KEYNOTE LEGEND:

- << < INDICATES KEYNOTE ON PLAN
- MH 01 GALVANIZED STEEL CAR-MON FH 46 VERTICAL WELDING HOOD OR APPROVED EQUAL COORDINATE WITH GENERAL CONTRACTOR TO ENSURE PROPER FIT WITH WELDING BOOTHS PRIOR TO ORDER BALANCE TO 1000 CFM. COORDINATE WITH FAN SELECTION AS REQUIRED FOR MANUFACTURER DEVIATIONS.
- MH 02 CEILING MOUNTED ON PLATFORM WELDING RECIRCULATION FAN RF-103 & FILTER HOUSING BOX FB-103 W/ FILTER SUITABLE FOR WELDING APPLICATION.
- MH 03 CAR-MON PORTABLE AIR CLEANER PAC-103 CMX-124PA WITH 8"Ø 10' EXTRACTOR ARM OR APPROVED EQUAL. COORDINATE WITH OWNER FOR LOCATION.
- MH 04 TERMINATE WITH 3/4" X 3/4" BIRDSCREEN.
- MH 05 INSTALL DUCT MOUNTED GRILLES WITH BALANCING DAMPERS AND ADJUST FIXED GRILLE HORIZONTAL BLADES TO THROW AT 45° ANGLE (ADJ.) TOWARDS FLOOR.
- MH 06 INSTALL 12"Ø WALL CAP WITH INSECT SCREEN & BACKDRAFT DAMPER. PROVIDE INSULATED RIGID DUCT WITH ELBOW DOWN FOR CONNECTION TO OWNER. FURNISHED PLASMA CUTTER. PREPARE & CAP DUCT FOR FUTURE CONNECTION OR CONNECT PLASMA CUTTER FLEX DUCT IF AVAILABLE AT TIME OF PROJECT.



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CONSULTANTS

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POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

CITY POWERS LAKE
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/16/2026

PROJECT NO: 20254400

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DRAWING TITLE
FIRST FLOOR VENTILATION PLAN

M301

Rev'd: Version: 2025
 Plot Date: 2/11/2026 10:03:00 AM

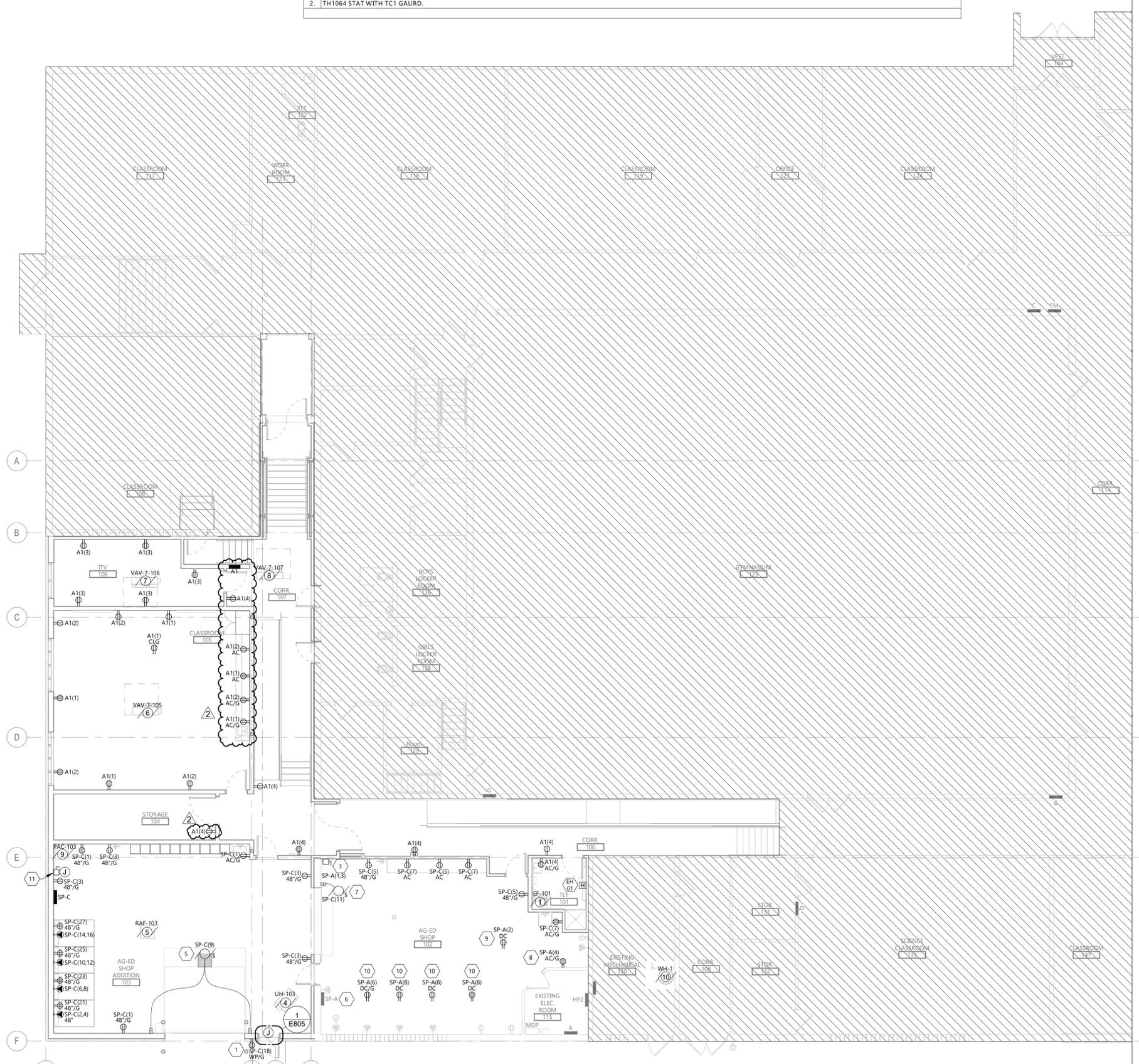
1 FIRST FLOOR VENTILATION PLAN
1/8" = 1'-0"



ELECTRIC HEAT SCHEDULE								
SYMBOL	LENGTH	TOTAL WATTS	VOLTAGE & PHASE	MOUNTING	MANUFACTURER	CATALOG NO.	CONTROL	REMARKS
EH 01	48"	600	120V/1PH	SURFACE	BERKO	RCC6012C	REMOTE THERMOSTAT	1,2
NOTES:								
1. SEE PLANS FOR QUANTITIES AND LOCATIONS OF ELECTRIC HEATERS.								
2. TH1064 STAT WITH TC1 GAURD.								

- GENERAL NOTES**
- A. ALL RECEPTACLES IN PUBLIC SPACES SHALL BE TAMPER PROOF.
 - B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
 - C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
 - D. PROVIDE APPROVED FIRE PROOFING MATERIALS / METHODS FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
 - E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TAPE.
 - F. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUIT OF 100'-0" OR GREATER IN LENGTH.
 - G. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
 - H. ALL CONDUIT, WIRE, AND BOXES SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
 - I. GFCI RECEPTACLES SHALL ONLY PROTECT THE INDIVIDUAL DEVICE.
 - J. MULTI-BRANCH CIRCUITING SHALL NOT BE ALLOWED UNLESS NOTED OTHERWISE. PROVIDE A SEPARATE NEUTRAL FOR EACH CIRCUIT.
 - K. SEE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND LOCATIONS.

- KEYNOTE LEGEND:**
- ◊ <<< INDICATES KEYNOTE ON PLAN
1. PROVIDE A GFCI/WP IN-USE RECEPTACLE OUTLET WITH DIECAST COVER AS MANUFACTURED BY INTERMATIC MODEL WP1250MVXD OR EQUAL.
 2. PROVIDE CONNECTION TO OVERHEAD DOOR OPERATOR PROVIDED BY GC. EC SHALL PROVIDE 3/4" CONDUIT FROM THE MOTOR TO THE JUNCTION BOXES FOR SAFETY SENSORS. PROVIDE A 3/4" CONDUIT TO EACH OF THE DOOR CONTROL SWITCHES FROM MOTOR. COORDINATE WIRING WITH MANUFACTURER INSTRUCTIONS.
 3. PROVIDE A 30A 2P DISCONNECT FOR CONNECTION OF AIR COMPRESSOR. CONNECT WITH 2#10 + #10G IN 3/4" C. PROVIDE A NEW 30A 2P BREAKER IN EXISTING SIEMENS G404 PANELBOARD.
 4. PROVIDE A NEMA 6-50 RECEPTACLE FOR WELDING STATION. CONNECT WITH 2#6 + #10G IN 1" C.
 5. CONNECT 120 VOLT OVERHEAD DOOR & PROVIDE SWITCH. CONNECT SAFETY DEVICES ON EACH SIDE OF THE DOOR. USE 1/2" C. PROVIDE SWITCH.
 6. ADD (1) 20/2 & (5) 20/1 CIRCUIT BREAKERS TO EXISTING SIEMENS PANELBOARD FOR RECONNECTION OF CIRCUITS STILL IN USE FROM REMOVED PANEL B. NOTE #13 ON E101.
 7. CONNECT 120 VOLT 1/2" HP COILING FIRE DOOR & PROVIDE SWITCH DOOR TO RELEASE UPON. INSTALL & WIRE CONTROL AT SIDE OF DOOR. SEE 1/E501.
 8. FOR 120V, 1H.P. BAND SAW.
 9. DROP CORD FOR LATTE. SEE 6/E805.
 10. CENTER DROP CORD OVER WORK STATION. SEE 6/E805.
 11. PROVIDE 60/3 FUSED DISCONNECT & CONNECT PLASMA TABLE. CONNECT TO 60/3 IN PANEL MDP USING 4#6.
 12. PROVIDE CARD READER TO MATCH EXISTING CONTACT.



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

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POWERS LAKE SCHOOL DISTRICT

PROJECT DESCRIPTION
AG EDUCATION ADDITION

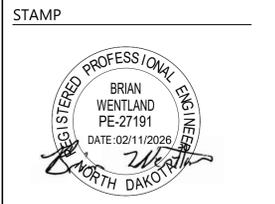
CITY POWERS LAKE
 STATE NORTH DAKOTA

ISSUE DATES

MARK	DESCRIPTION	DATE
2	ADDENDUM #2	02/11/2026
1	ADDENDUM #1	02/05/2026
CD	CONSTRUCTION DOCUMENTS	01/28/2026

PROJECT NO: 20254400
 DRAWN BY: ML
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DRAWING TITLE
FIRST FLOOR POWER PLAN

E201

Revit Model: 2025
 Plot Date: 02/11/2026 10:56:57 AM

GENERAL NOTES

- A. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- B. LABEL ALL HOME RUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. PROVIDE APPROVED FIRE PROOFING MATERIALS / METHODS FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- D. LABEL ALL DEVICES INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- E. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUIT AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- F. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUIT OF 100'-0" OR GREATER IN LENGTH.
- G. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
- H. MC CABLE SHALL BE USED IN WALLS FOR SINGLE CIRCUIT RUNS AND SWITCH LEGS. SWITCH LEGS SHALL CONTAIN ONE EXTRA CONDUCTOR. MC CABLE MAY NOT BE USED ABOVE CEILING IN ANY INSTANCE, AND MAY NOT BE USED IN WALLS OF ROOMS THAT DO NOT HAVE ACCESSIBLE CEILING. DO NOT USE THROUGH SMOKE / FIRE WALLS.
- I. OCCUPANCY SENSORS ARE SHOWN FOR INTENT PURPOSES ONLY. LOCATION, SPACING, AND QUANTITY WILL DEPEND ON SELECTED MANUFACTURER.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. CONNECT TO UN SWITCHED LIGHTING CIRCUIT.



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



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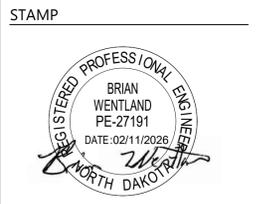
CITY **POWERS LAKE**
STATE **NORTH DAKOTA**

ISSUE DATES

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1	ADDENDUM #2	02/11/2026
CD	CONSTRUCTION DOCUMENTS	01/28/2026

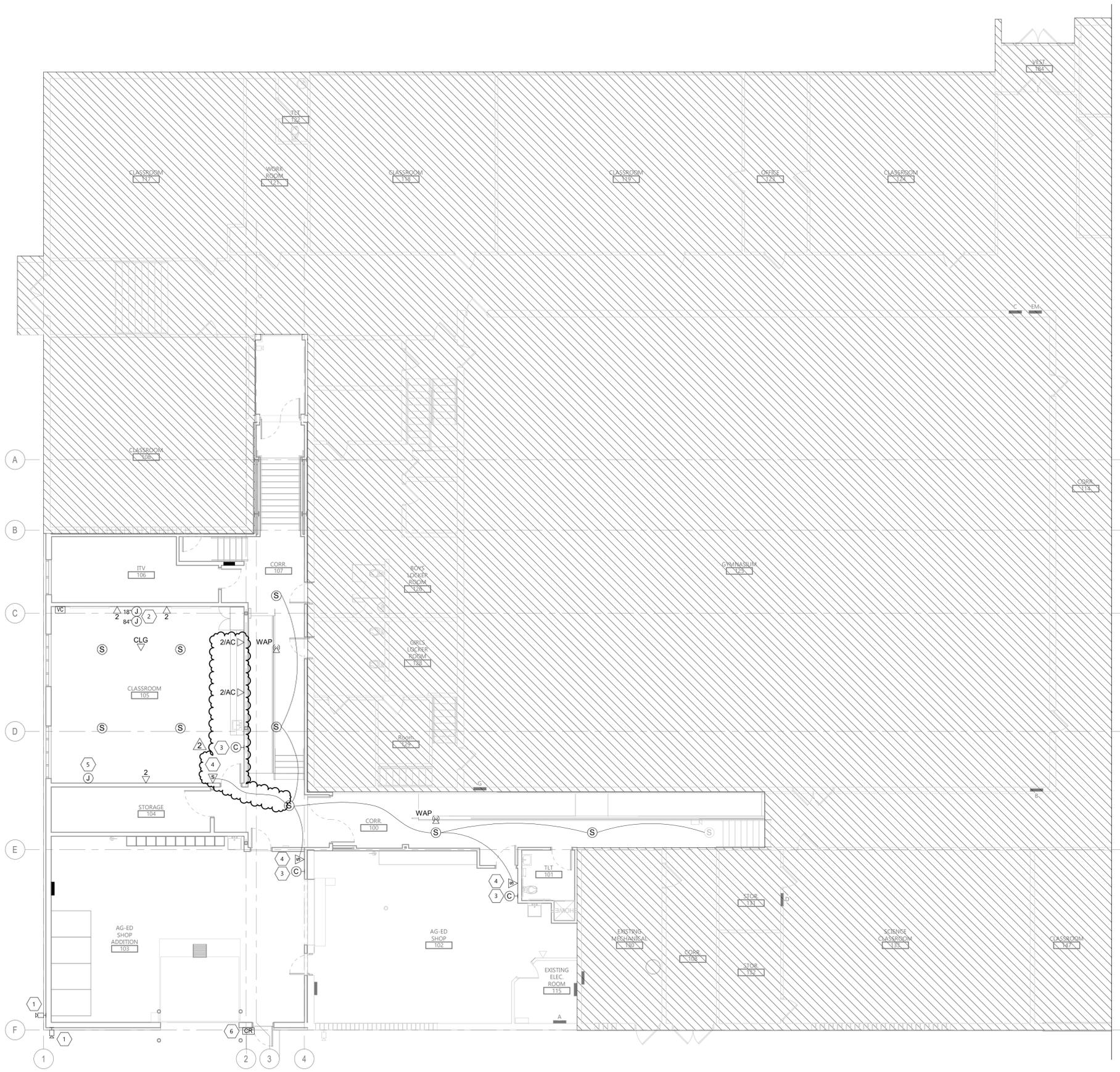
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DRAWING TITLE
FIRST FLOOR LIGHTING PLAN

E301



1 FIRST FLOOR SYSTEMS PLAN
 E401 1/8" = 1'-0"

GENERAL NOTES

- A. PROVIDE APPROVED FIRE PROOFING MATERIALS / METHODS FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- B. DATA CABLE SHALL BE CAT6 PLENUM RATED UNLESS NOTED OTHERWISE. CABLE COLOR SHALL BE BLUE UNLESS NOTED OTHERWISE OR COLOR AS REQUIRED BY OWNER STANDARDS.
- C. ALL DATA AND PAGING SYSTEMS CABLING SHALL TERMINATE IN RACK LOCATED IN ROOM 11. 127.
- D. PROVIDE 4" HILTI-PASS THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS. SEE FIRE PROTECTION PLANS FOR LOCATION OF RATED WALLS. PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS, FLOORS OR CEILING SHALL BE FIRE STOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE-RESISTANCE RATING.
- E. COORDINATE DATA / TELEPHONE AND RECEPTACLE OUTLET LOCATIONS WITH ALL OFFICE SYSTEMS FURNITURE PRIOR TO ROUGH-IN. VERIFY THAT ALL DEVICES WILL NOT INTERFERE WITH OFFICE SYSTEMS FURNITURE MOUNTING HARDWARE.
- F. SECURITY CAMERAS AND ASSOCIATED EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY WHITE EARTH SURVEILLANCE. EC SHALL PROVIDE CONDUIT, BACK BOX ROUGH-IN, AND CABLE INSTALLATION.
- G. COORDINATE MOUNTING HEIGHTS AND LOCATIONS FOR ALL WALL MOUNTED ELECTRICAL DEVICES WITH ARCHITECTURAL ELEVATIONS. COORDINATE ALL CEILING MOUNTED ELECTRICAL DEVICES WITH ARCHITECTURAL RELECTED CEILING PLAN.
- H. ADJACENT, WALL MOUNTED ELECTRICAL DEVICES ON OPPOSITE SIDES OF A COMMON WALL SHALL NOT BE INSTALLED BACK-TO-BACK. INSTALL THESE DEVICES IN DIFFERENT STUD SPACES WHENEVER POSSIBLE WHILE MAINTAINING DESIGN INTENT.
- I. COORDINATE CONDUIT PATHWAYS AND ROUGH-IN LOCATIONS FOR CASEWORK THAT EXTENDS AWAY LOCATIONS FOR CASEWORK THAT EXTENDS AWAY FROM WALLS AND ISLANDS.

KEYNOTE LEGEND:

- ⬡ <<< INDICATES KEYNOTE ON PLAN
1. REINSTALL EXISTING SECURITY CAMERA. PROVIDE NEW CAT6 CABLE FROM CAMERA TO DATA RACK. COORDINATE WITH OWNER ON MOUNTING HEIGHT AND AIMING CAMERA.
 2. PROVIDE A 4" SQUARE BOX WITH SINGLE GANG RING AT 18" AND 84". PROVIDE A 1-1/4" CONDUIT BETWEEN BOXES AND UP TO ACCESSIBLE CEILING SPACE IN ROOM.
 3. PROVIDE NEW AMERICAN TIME ANALOG MOLDED CASE BATTERY CLOCK. CLOCK DIAMETER SHALL MATCH OTHER EXISTING CLASSROOMS. CLOCK SHALL SYNC TO HEAD END EQUIPMENT IN DATA ROOM VIA WIRELESS COMMUNICATION.
 4. PROVIDE LOWELL SL810 SPEAKER AND CONNECT TO EXISTING SPEAKER CIRCUIT.
 5. PROVIDE A SOUND REINFORCEMENT SYSTEM WITH SPEAKERS AND MICROPHONE. AMPLIFIER SHALL BE LOCATED AT THE BACK OF THE ROOM. SYSTEM SHALL MIRROR EXISTING PRO DIGITAL VOICE CLARITY SYSTEM INSTALLED IN OTHER CLASSROOMS. PROVIDE A 1-1/4" CONDUIT FROM AMPLIFIER TO CEILING SPACE. DESIGN SHALL INCLUDE ALL CABLING AND EQUIPMENT FOR A TURN KEY SYSTEM.
 6. CONTACT AUSTIN JOHN WITH MIDWEST INVESTIGATION & SECURITY OUT OF BISMARCK ND.
 A. MIDWESTAJOHN@YAHOO.COM
 B. WORK - 701-255-6867
 C. CELL - 701-207-0194

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AG EDUCATION ADDITION

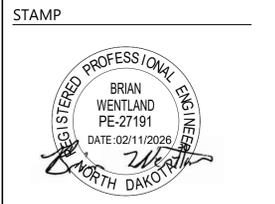
CITY **POWERS LAKE**
 STATE **NORTH DAKOTA**

ISSUE DATES

MARK	DESCRIPTION	DATE
2	ADDENDUM #2	02/11/2026
1	ADDENDUM #1	02/05/2026
CD	CONSTRUCTION DOCUMENTS	01/28/2026

PROJECT NO: **20254400**
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DRAWING TITLE
FIRST FLOOR SYSTEMS PLAN

E401

Revit Model: 2/25
 Plot Date: 02/11/2026 10:57:00 AM

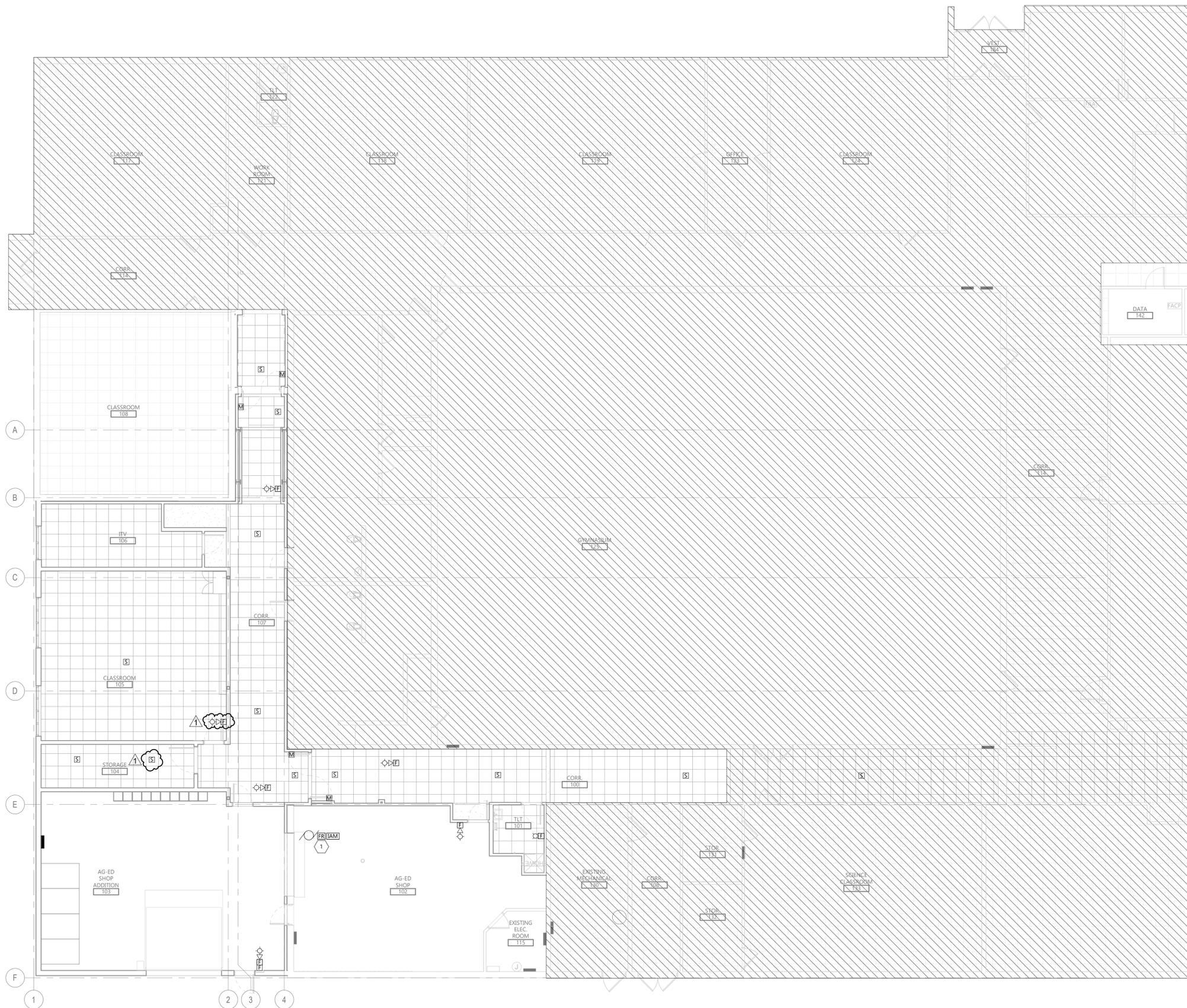
GENERAL NOTES

- A. SEAL ALL NEW ELECTRICAL PENETRATIONS THROUGH RATED WALL AND CEILING WITH FIRE CAULKING TO MAINTAIN RATING.
- B. EXISTING FIRE ALARM PANEL SIEMENS CERBERUS PRO.

KEYNOTE LEGEND:

◁ ◁ ◁ INDICATES KEYNOTE ON PLAN

- 1. PROVIDE RELAY & IAM TO RELEASE CEILING FIRE DOOR UPON FIRE ALARM.



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CITY **POWERS LAKE**
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DRAWING TITLE
FIRST FLOOR FIRE ALARM PLAN

E501

1 FIRST FLOOR FIRE ALARM PLAN
E501 1/8" = 1'-0"