

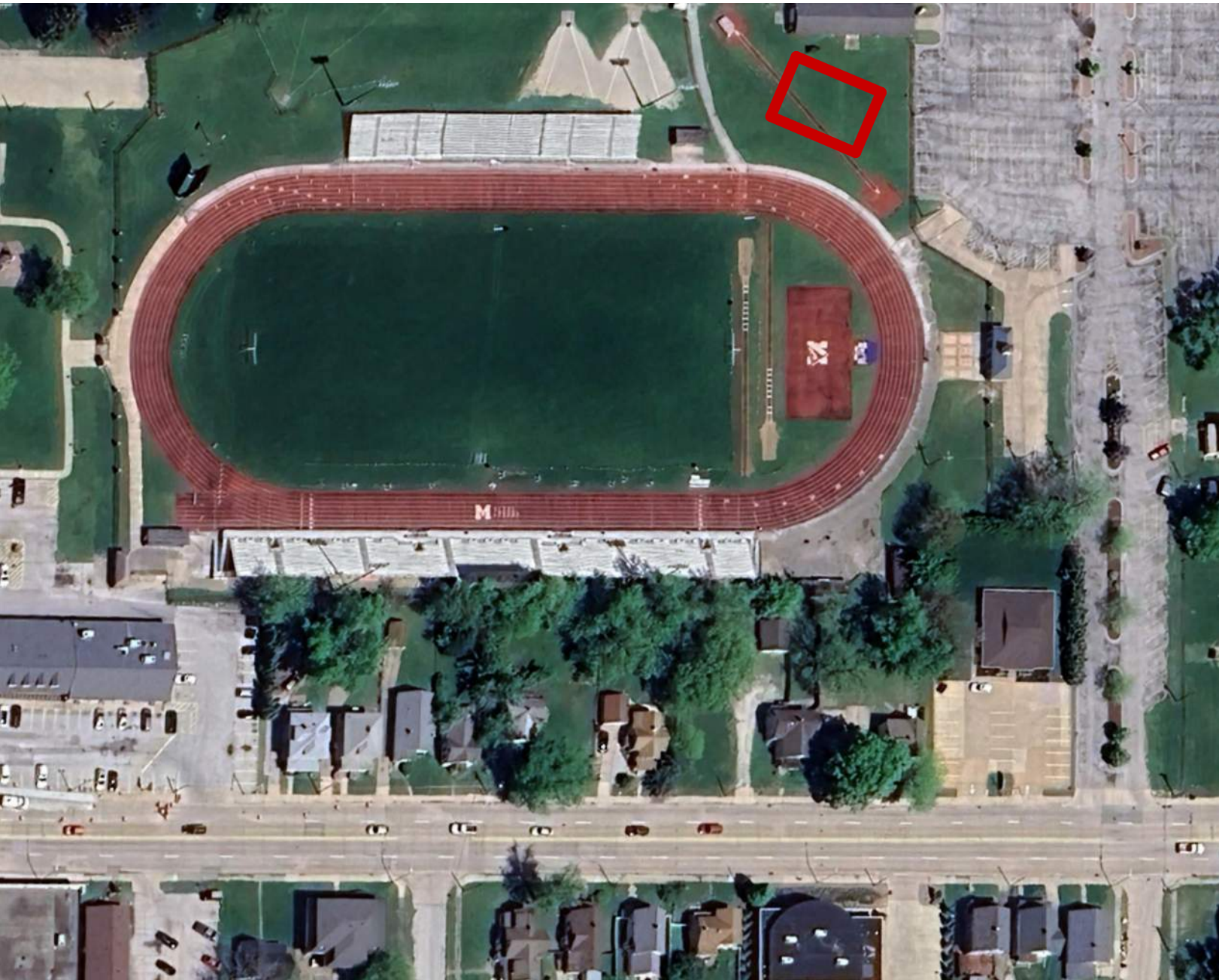
# MOLINE-COAL VALLEY SCHOOL DISTRICT #40

# BROWNING FIELD PHASE 2

15th Street

Moline, IL 61265

SITE LOCATION MAP



CAMPUS PLAN



BOARD OF EDUCATION

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SCHEDULE OF DRAWINGS

PHASE 2

- GENERAL DRAWINGS
  - G-001 TITLE SHEET
  - G-201 SYMBOLS AND PROJECT GENERAL NOTES
- CIVIL DRAWINGS
  - C-001 INDEX AND NOTES
  - C-101 EXISTING CONDITIONS AND DEMOLITION PLAN
  - C-201 SITE AND UTILITY PLAN
  - C-301 GRADING AND SESC PLAN
  - C-401 CIVIL DETAILS
- STRUCTURAL DRAWINGS
  - S101 STORAGE BUILDING FOUNDATION PLAN AND GENERAL NOTES - PHASE 2
- ARCHITECTURAL DRAWINGS
  - AD101 FIRST FLOOR DEMOLITION PLAN - PHASE 2
  - A-101 FIRST FLOOR PLAN - PHASE 2
  - A-102 FIRST FLOOR PLAN - WHARTON FIELD HOUSE - PHASE 2
  - AF101 FIRST FLOOR FINISH PLAN - PHASE 2
  - AC101 FIRST FLOOR REFLECTED CEILING PLAN - PHASE 2
  - AR101 ROOF PLAN - PHASE 2
  - A-201 EXTERIOR BUILDING ELEVATIONS - PHASE 2
  - A-301 BUILDING SECTIONS - PHASE 2
  - A-311 WALL SECTIONS AND DETAILS - PHASE 2
  - A-601 DOOR AND FRAME SCHEDULE, TYPES, NOTES, PARTITION TYPES & DETAILS
- PLUMBING DRAWINGS
  - P-000 PLUMBING LEGEND - PHASE 2
  - P-101 PLUMBING FIRST FLOOR PLAN - PHASE 2
- MECHANICAL DRAWINGS
  - M-000 MECHANICAL LEGEND - PHASE 2
  - M-101 MECHANICAL FIRST FLOOR PLAN HVAC - PHASE 2
- ELECTRICAL DRAWINGS
  - E-000 ELECTRICAL AND FIRE ALARM LEGEND - PHASE 2
  - E-100 ELECTRICAL FIRST FLOOR PLAN - PHASE 2
  - E-101 ELECTRICAL FIRST FLOOR PLAN - WHARTON - PHASE 2
  - E-200 ELECTRICAL PHOTOS - PHASE 2
  - E-300 ELECTRICAL ONE LINE DIAGRAM DETAILS, AND SCHEDULE - PHASE 2
  - E-301 ELECTRICAL SCHEDULES - PHASE 2
  - ES-100 ELECTRICAL SITE PLAN - PHASE 2

RELEASE

BIDDING

DATE OF ISSUE

10/19/2026

ARCHITECT'S PROJECT NUMBER

226025.00

SIGNATURE

DATE

| REVISIONS |             |      |
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PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY VP  
REVIEWED BY ZC

TITLE SHEET

GENERAL NOTES

1. ALL WORK SHALL BE COMPLIANT WITH THE CODES, ORDINANCES, AND REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT LOCATION.
2. THE TRADE CONTRACTORS' PERSONNEL SHALL NOT BE ALLOWED ON THE PROJECT SITE WITHOUT COMPLYING WITH THE OWNER'S SECURITY PROTOCOLS.
3. WHERE CONFLICTS EXIST WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, AND REGULATIONS THE MORE STRINGENT OR HIGH QUALITY OR GREATER QUALITY REQUIREMENT(S) SHALL APPLY. LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL-SCALE DRAWINGS; FIGURED DIMENSIONS TAKE PRECEDENCE OVER GRAPHIC REPRESENTATIONS.
4. THE CONTRACT DOCUMENTS IDENTIFY THE MINIMUM AMOUNT OF WORK NECESSARY FOR A COMPLETE INSTALLATION.
5. REFER TO THE PROJECT MANUAL FOR PRODUCTS, MATERIALS, AND PROCEDURES NOT IDENTIFIED ON THE CONTRACT DRAWINGS.
6. THE ACTUAL AREAS OF WORK SHALL BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. EXISTING DIMENSIONS AND HATCHED AREAS INDICATED ON CONTRACT DOCUMENTS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY.
7. PRIOR TO BIDDING, THE TRADE CONTRACTORS SHALL FIELD VERIFY THE EXTENT OF WORK REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
8. THE TRADE CONTRACTORS SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OR CONSTRUCTION MANAGER OF ANY CONFLICTS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO PREPARING SUBMITTALS OR BEGINNING ANY WORK.
9. THE TRADE CONTRACTORS SHALL PROVIDE ALL TEMPORARY CONSTRUCTION AND/OR SHORING REQUIRED TO PROPERLY EXECUTE THE REQUIREMENTS OF THEIR CONTRACT.
10. ALL EXTERIOR OPENINGS SHALL BE SECURED AT ALL TIMES WHEN WORK IS NOT BEING PERFORMED. THE TRADE CONTRACTORS SHALL NOT REMOVE EXISTING DOORS, FRAMES, WINDOWS, ETC. UNTIL REPLACEMENTS ARE ONSITE AND READY FOR INSTALLATION. IF INSTALLATION OF DOORS, FRAMES, WINDOWS, ETC. CANNOT BE COMPLETED BY THE END OF THE WORK DAY, THE RESPONSIBLE TRADE CONTRACTORS SHALL PROVIDE TEMPORARY WEATHERPROOF CONSTRUCTION AS REQUIRED TO SECURE THE BUILDING TO THE SATISFACTION OF THE OWNER AND RESTORE AFFECTED SURFACES TO THEIR ORIGINAL CONDITION.

11. PATCHING, REPAIRING, AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE EXISTING ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE IN MATERIAL, FINISH, COLOR, TEXTURE AND SHEEN. REFER TO THE CONTRACT DRAWINGS FOR EXISTING BUILDING CONSTRUCTION TO REMAIN.
12. TRADE CONTRACTORS SHALL PROTECT THEIR WORK AND EXISTING CONSTRUCTION, FINISHES, AND EQUIPMENT TO REMAIN TO PREVENT DAMAGE. ANY WORK AND/OR EXISTING FINISHES TO REMAIN DAMAGED DURING THE REMOVAL OF EXISTING WORK OR THE INSTALLATION OF NEW WORK SHALL BE REPAIRED, REPLACED, AND REFINISHED BY THE RESPONSIBLE TRADE CONTRACTOR TO MATCH THE ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
13. THE ARCHITECT SHALL REVIEW AND APPROVE LOCATIONS FOR ALL JUNCTION BOXES AND RACEWAYS PRIOR TO INSTALLATION OF WIRING / CABLEING.
14. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
15. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL PARTIES INVOLVED SO THAT THE CONSTRUCTION CAN PROCEED SMOOTHLY, WITHOUT TRADE INTERFERENCE OR WASTE OF TIME AND MATERIAL.
16. **WARNING: ASBESTOS-CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL FOR REVIEW UPON REQUEST. NO PERSON MAY DISTURB ASBESTOS-CONTAINING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS WORKER OR CONDUCTS SUCH WORK IN ACCORDANCE WITH SPECIFICATIONS(S) CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH ILLINOIS DEPARTMENT OF HEALTH RULES AND REGULATIONS.**

GENERAL CONSTRUCTION / RENOVATION NOTES

1. AFTER REMOVAL OF ITEMS IDENTIFIED TO BE REMOVED, CLEAN AND REPAIR THE EXISTING SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHES TEXTURE, PATTERN, COLOR AND SHEEN OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
2. WHERE EXISTING EQUIPMENT IS REMOVED AND NEW EQUIPMENT IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
3. EXISTING AND NEW FIRE RATED ASSEMBLIES ARE TO BE MAINTAINED AND BE IN CONFORMANCE WITH APPLICABLE CODES. PENETRATIONS SHALL BE CONSTRUCTED AND SEALED AS REQUIRED; NEW FIRE RATED ASSEMBLIES SHALL BE INSPECTED, CERTIFIED, AND APPROPRIATELY LABELED ABOVE CEILING.
4. ALL PENETRATIONS THROUGH ANY MATERIAL SHALL BE SEALED WITH A COMPATIBLE MATERIAL APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
5. MASONRY INFILL AND/OR PATCHING SHALL MATCH THE MATERIAL, SIZE, FINISH, COLOR, TEXTURE AND COURSE OF EXISTING MASONRY TO REMAIN. NEW MASONRY SHALL BE WHOLE UNITS TOOTHED IN TO THE EXISTING MASONRY. NO SAW CUT EDGES WILL BE ALLOWED. MORTAR JOINTS TO MATCH COLOR, TEXTURE AND PROFILE OF ADJACENT MASONRY.
6. STRUCTURAL LINTELS ARE REQUIRED AT ALL OPENINGS AND RECESSES IN LOAD BEARING AND NON-LOAD BEARING MASONRY WALLS. REFER TO STRUCTURAL DRAWINGS.
7. EXPOSED OUTSIDE CORNERS OF INTERIOR CONCRETE MASONRY UNITS SHALL BE ROUNDED. U.N.O.
8. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS. U.N.O.
9. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.
10. ALL EXPOSED PIPING AND CONDUIT SHALL BE KEPT AS CLOSE AS POSSIBLE TO WALLS STRUCTURE, AND FLOOR/ROOF DECK.
11. ALL WALLS ABOVE DOOR/FRAMES TO EXTEND TO UNDERSIDE OF DECK. U.N.O.
12. ALL EXTERIOR DIMENSIONS ARE TO THE OUTSIDE FACE OF FINISH MATERIAL. U.N.O.
13. SLOPE ALL CONCRETE AND/OR TOPPING TO FLOOR DRAINS. COORDINATE WITH PLUMBING DRAWINGS.
14. CENTER SPRINKLER HEADS AND LIGHT FIXTURES, SECURITY DEVICES, WAPS, EXIT SIGNS, & SIMILAR DEVICES IN ACT TILES. U.N.O.
15. INSTALL WOOD BLOCKING AS NEEDED FOR ALL WALL MOUNTED ITEMS.

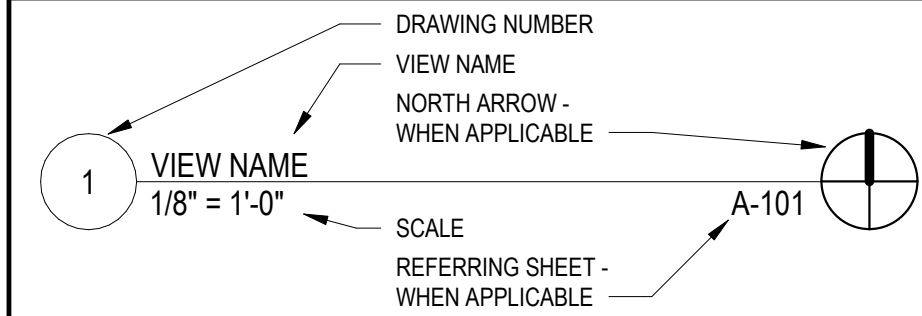
GENERAL FINISH NOTES

1. EXISTING SIGHT-EXPOSED SURFACES OF EXISTING PARTITIONS AND SOFFITS SHALL BE FINISH PAINTED.
2. ALL NEW CONSTRUCTION AND IDENTIFIED EXISTING CONSTRUCTION TO REMAIN SHALL BE PRIME AND FINISH PAINTED UNLESS MATERIALS ARE PRE-FINISHED. REFER TO THE FINISH PLANS AND THE PROJECT MANUAL FOR ADDITIONAL INFORMATION. NEW PARTITIONS AND SOFFITS ARE TO BE PRIME PAINTED FOR FULL HEIGHT OF PARTITION OR SOFFIT. SIGHT-EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISH PAINTED.
3. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING:
  - A. REPAIR HOLES, DEFECTS, ETC. IN EXISTING PLASTER AND CONCRETE BLOCK WALLS.
  - B. AT REPAIRS AND UNPAINTED CONCRETE BLOCK PROVIDE BLOCK FILL PAINT AND TWO FINISH COATS OF PAINT. AND
  - C. PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.
4. IN OCCUPIED SPACES IN AREAS OF RENOVATION, ALL SIGHT-EXPOSED MEPFP COMPONENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, FITTINGS, CONDUIT, BOXES, HANGERS, ETC. SHALL BE PAINTED. DO NOT PAINT MOVING PARTS OR LABELS.
5. DO NOT PAINT EXISTING FACE BRICK, GROUND FACE CMU OR SGFT. UNO.

GENERAL REFLECTIVE CEILING NOTES

1. ALL CEILING ELEVATIONS IDENTIFIED DENOTE HEIGHT ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
2. REFER TO MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND TECHNOLOGY DRAWINGS FOR CEILING MOUNTED EQUIPMENT AND COMPONENTS NOT IDENTIFIED ON ARCHITECTURAL DRAWINGS.
3. IN AREAS WITH NO FINISHED CEILING SYSTEM REFER TO ELECTRICAL DRAWINGS FOR LUMINAIRES AND SPACING.
4. REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION REGARDING:
  - A. PAINTING OF CEILING COMPONENTS;
  - B. SUSPENDED ACOUSTICAL TILE CEILING SYSTEM TYPES TO BE PROVIDED;
  - C. CEILING HUNG WINDOW TREATMENTS
5. PRIOR TO BEGINNING ANY WORK, NOTIFY THE ARCHITECT IF EXISTING CONDITIONS PREVENT NEW CEILING SYSTEMS FROM BEING INSTALLED AS DRAWN AND NOTED.
6. PRIOR TO BEGINNING ANY WORK, NOTIFY THE ARCHITECT IF QUANTITY AND/OR SPACING OF LIGHT FIXTURES ON ELECTRICAL DRAWINGS DOES NOT MATCH QUANTITY AND/OR SPACING OF LIGHT FIXTURES ON ARCHITECTURAL DRAWINGS.
7. LIGHT FIXTURES IN CORRIDORS ARE TO BE CENTERED IN THE WIDTH OF THE CORRIDOR UNLESS NOTED OTHERWISE.
8. ALL CEILING TILES SHALL BE TYPE 1 UNLESS NOTED OTHERWISE:
  - A. PROVIDE TYPE 2 CEILING TILES IN TOILET ROOMS.
9. PAINT ALL GYPSUM CEILING

DRAWING TITLE KEY



MATERIAL PATTERN LEGEND

| CUT PATTERNS                  | SURFACE PATTERNS              |
|-------------------------------|-------------------------------|
| ALUMINUM                      | BRICK                         |
| BRICK                         | CONCRETE MASONRY UNIT / BLOCK |
| CONCRETE                      | CONCRETE                      |
| CONCRETE MASONRY UNIT / BLOCK | GYPSUM BOARD                  |
| EARTH - UNDISTURBED           | METAL MESH                    |
| EARTH - TOP SOIL / BACKFILL   | RUBBER TACTILE WARNING PAD    |
| GRAVEL                        |                               |
| GYPSUM BOARD GROUT            |                               |
| PLASTIC LAMINATE              |                               |
| FLYWOOD                       |                               |
| RIGID INSULATION              |                               |
| SOLID SURFACE                 |                               |
| SPRAY FOAM INSULATION         |                               |
| STEEL                         |                               |

| LINE TYPES |                      |
|------------|----------------------|
|            | BEYOND               |
|            | CENTER, GRID         |
|            | DEMOLITION           |
|            | EXISTING (HALF-TONE) |
|            | HIDDEN               |
|            | MATCHLINE            |
|            | NEW (CUT)            |
|            | NEW (PROJECTION)     |
|            | OVERHEAD             |

MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

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STRUCTURAL ENGINEER

SELECT STRUCTURAL

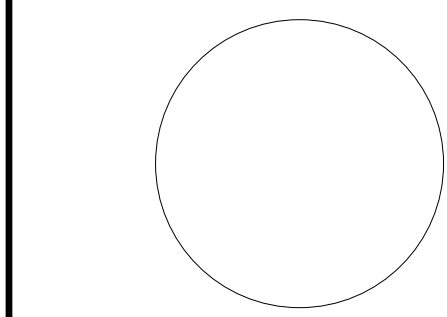
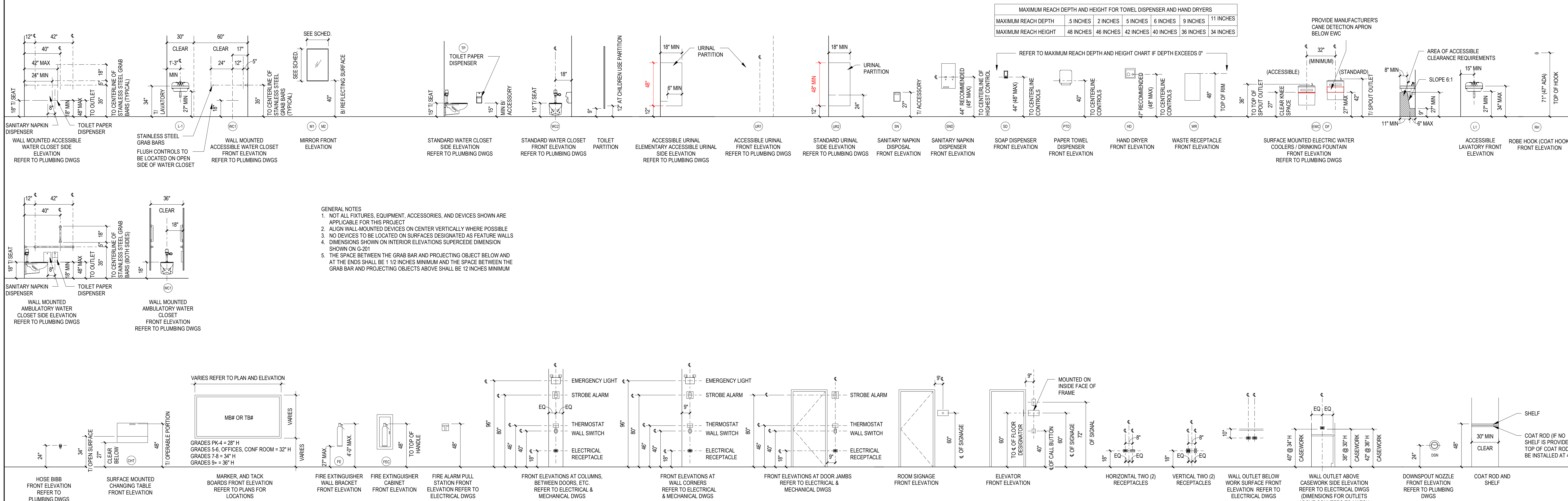
2435 Kimberly Rd.  
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TYPICAL MOUNTING HEIGHTS



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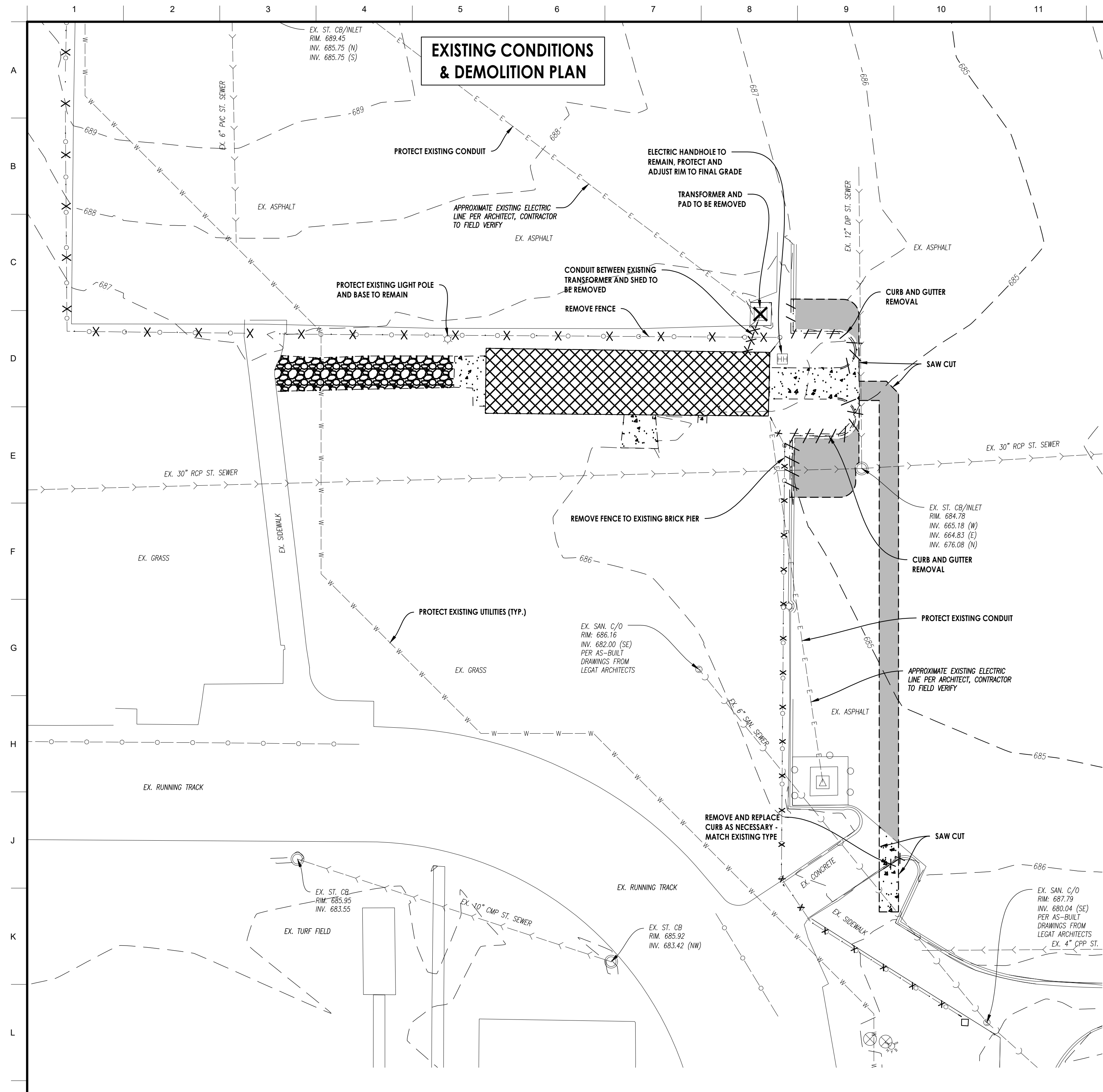
PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY VP  
REVIEWED BY ZC

SYMBOLS AND PROJECT  
GENERAL NOTES

G-201  
BIDDING



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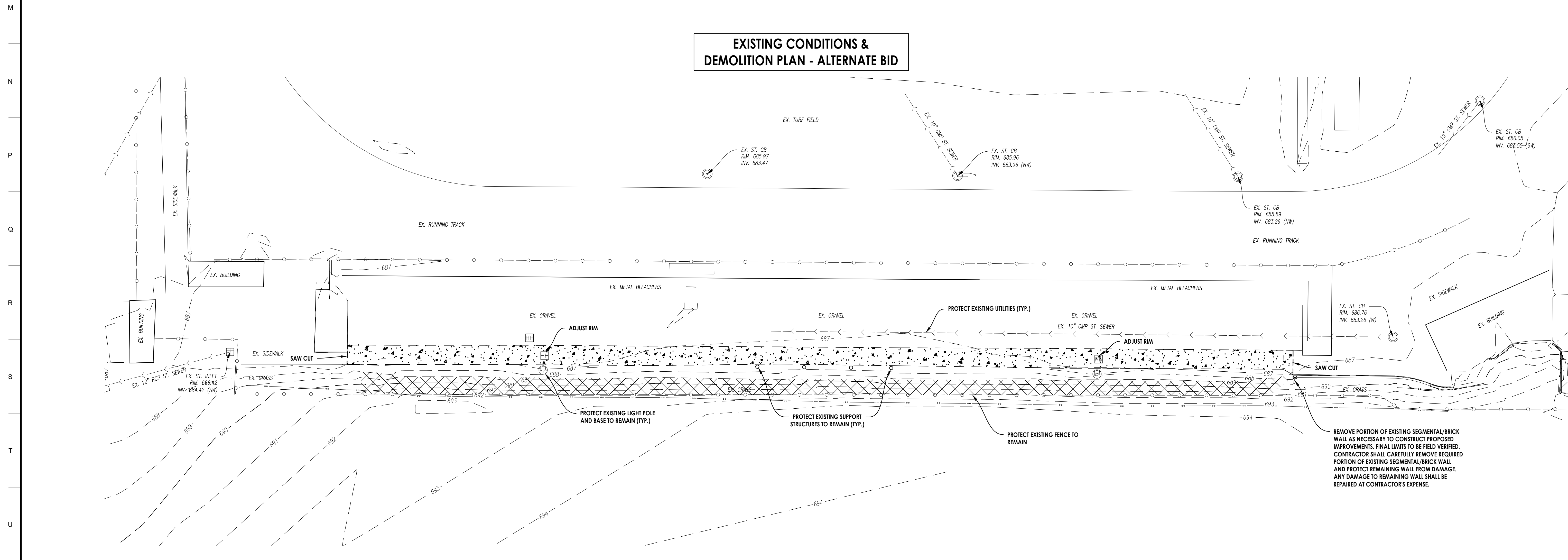
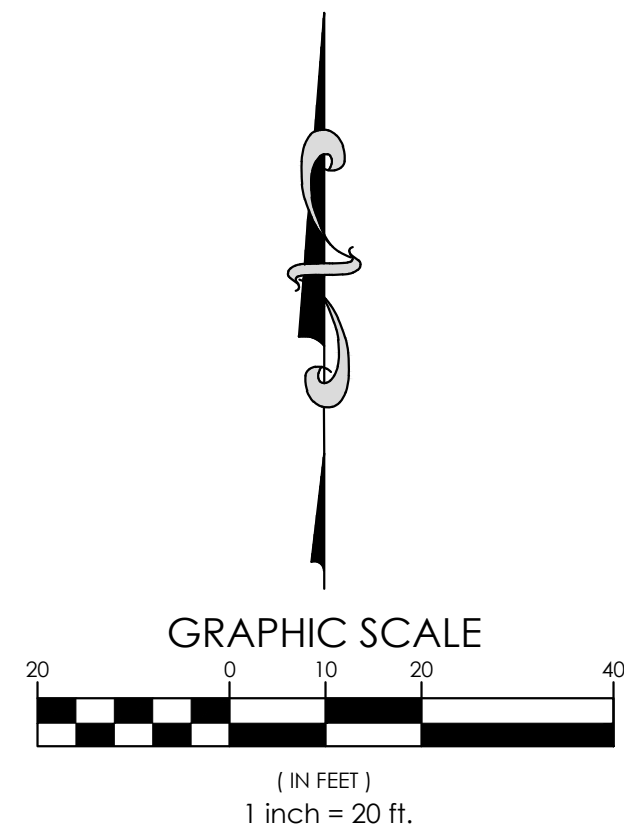
**DEMOLITION NOTES:**

1. SITE ACCESS CONTROL, INCLUDING SAFETY FENCES AND TRAFFIC CONTROL, ALL CONSTRUCTION MEANS AND METHODS, AND SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL HARMLESS OF ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN PROFESSIONAL.
3. ALL SITE CLEARING, TOPSOIL STRIPPING, EXCAVATION, EMBANKMENT, GRADING, COMPACTION, SUB GRADE PREPARATION AND OTHER WORK HEREIN CONTEMPLATED SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 2016 EDITION, (HEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS) EXCEPT THAT PAYMENT WILL BE DEFINED AS DETAILED IN THE STANDARD SPECIFICATIONS FOR WATER AND SEWER SIXTH EDITION, 2009.
4. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK IN THE CONSTRUCTION AREA. EXCAVATION IN THE VICINITY OF EXISTING STRUCTURES AND UNDERGROUND UTILITIES SHALL BE PERFORMED BY HAND. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FACILITIES. MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL STREET AND SIDEWALK CLOSURES WITH THE MUNICIPALITY.
6. CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS AND SPOILS TO INSURE MINIMAL INTERFERENCE WITH OWNER OPERATIONS.
7. ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. REMOVE FROM SITE ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION AND LAWFULLY DISPOSE OF SAME.
8. ALL ITEMS TO BE REMOVED SHALL BE PROPERLY AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
9. NOTIFY UTILITY OWNER 72 HOURS IN ADVANCE OF ANY UTILITY SHUTDOWN.
10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL ITEMS DESIGNATED TO BE REMOVED OR RELOCATED.
11. IF ANY ITEMS ARE ENCOUNTERED IN THE FIELD THAT ARE NOT SHOWN ON THE PLAN WHICH REQUIRE DEMOLITION OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE A/E IMMEDIATELY.
12. THE SURVEY BASE PROVIDED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. THE OWNER, ARCHITECT & ENGINEER(S) ARE NOT RESPONSIBLE FOR ANY MISCHARTED OR UNCHARTED UTILITIES, OR OTHER DISCREPANCIES DETECTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SITE CONDITIONS.
13. THE CONTRACTOR WILL PROTECT ALL UTILITIES, STREETS, STRUCTURES, VEGETATION, AND ADJACENT PROPERTY DESIGNATED TO REMAIN. ANY DAMAGE BY THE CONTRACTOR TO UTILITIES, STREETS, STRUCTURES, VEGETATION AND ADJACENT PROPERTY WILL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR WILL PAY ALL REQUISITE FEES TO THE MUNICIPALITY, AND ANY OTHER AGENCY REQUIRED, FOR COMPLETION OF DEMOLITION WORK.
15. THE CONTRACTOR IS TO COMPLY WITH FEDERAL, STATE, AND LOCAL ORDINANCES WITH REGARD TO REMOVAL AND DISPOSAL OF MATERIALS FOR ALL ITEMS TO BE DEMOLISHED. WORK INCLUDES THE COMPLETE REMOVAL AND LEGAL DISPOSAL OF ALL OBJECTS AND MATERIALS (REGARDLESS OF THEIR NATURE) INCLUDING BUT NOT LIMITED TO TREE ROOTS, ORGANIC SOIL, DRUMS, TIRES, WOOD, BROKEN CONCRETE PIECES, AND FENCES ABOVE THE REQUIRED ELEVATION.
16. BURNING ON OWNERS PROPERTY IS NOT PERMITTED.
17. FULL DEPTH SAWCUTS ARE REQUIRED FOR PAVEMENT REMOVALS, ADJACENT TO EXISTING PAVEMENT TO REMAIN.

18. SAWCUT ALL TREE ROOTS ENCOUNTERED IN LIEU OF USING SHOVELS (HAND SHOVELS OR MECHANICAL). SEE LANDSCAPE PLANS FOR TREE PROTECTION REQUIREMENTS.
19. POLES, BUILDING, FENCE, STORAGE, ETC. FOUNDATIONS SHALL BE COMPLETELY REMOVED BELOW GRADE TYP.

**DEMOLITION LEGEND:**

- EXISTING BUILDING / FOUNDATION REMOVAL
- FULL-DEPTH CONCRETE PAVEMENT/SIDEWALK REMOVAL
- FULL-DEPTH CONCRETE PAVEMENT/SIDEWALK REMOVAL
- FULL-DEPTH ASPHALT PAVEMENT REMOVAL
- SAWCUT LINE
- LINEAR ITEM REMOVAL
- ITEM REMOVAL
- LINEAR CURB REMOVAL



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**REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS**

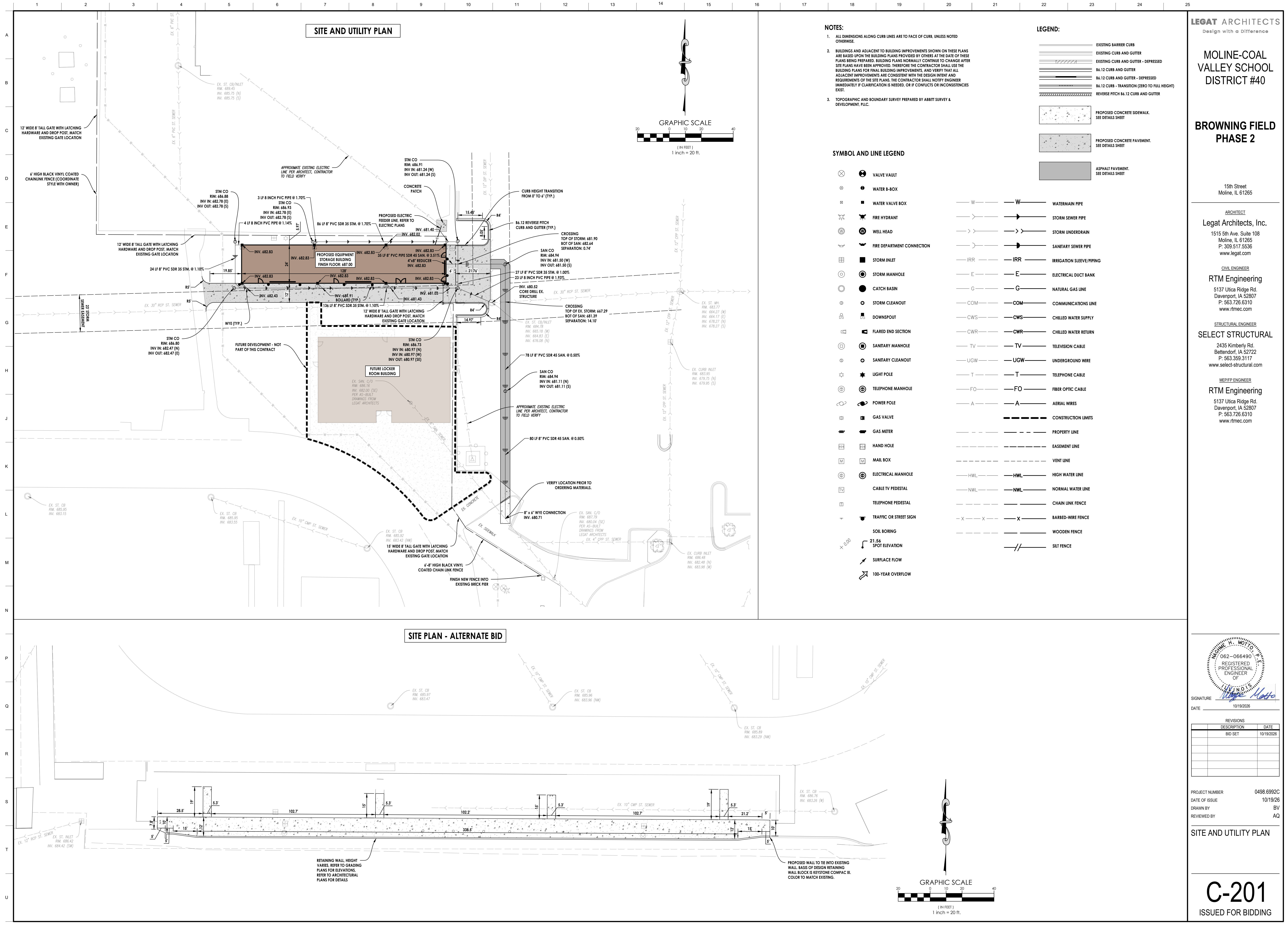
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DATE: 10/19/2026

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PROJECT NUMBER: 0498.6992C  
DATE OF ISSUE: 10/19/26  
DRAWN BY: BV  
REVIEWED BY: AQ

**EXISTING CONDITIONS AND DEMOLITION PLAN**

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MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

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062-066490  
SIGNATURE: *Moline Motto*  
DATE: 10/19/2026

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PROJECT NUMBER 0498.6992C  
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REVIEWED BY AQ

SITE AND UTILITY PLAN

GRADING, AND SOIL EROSION  
AND SEDIMENT CONTROL PLAN

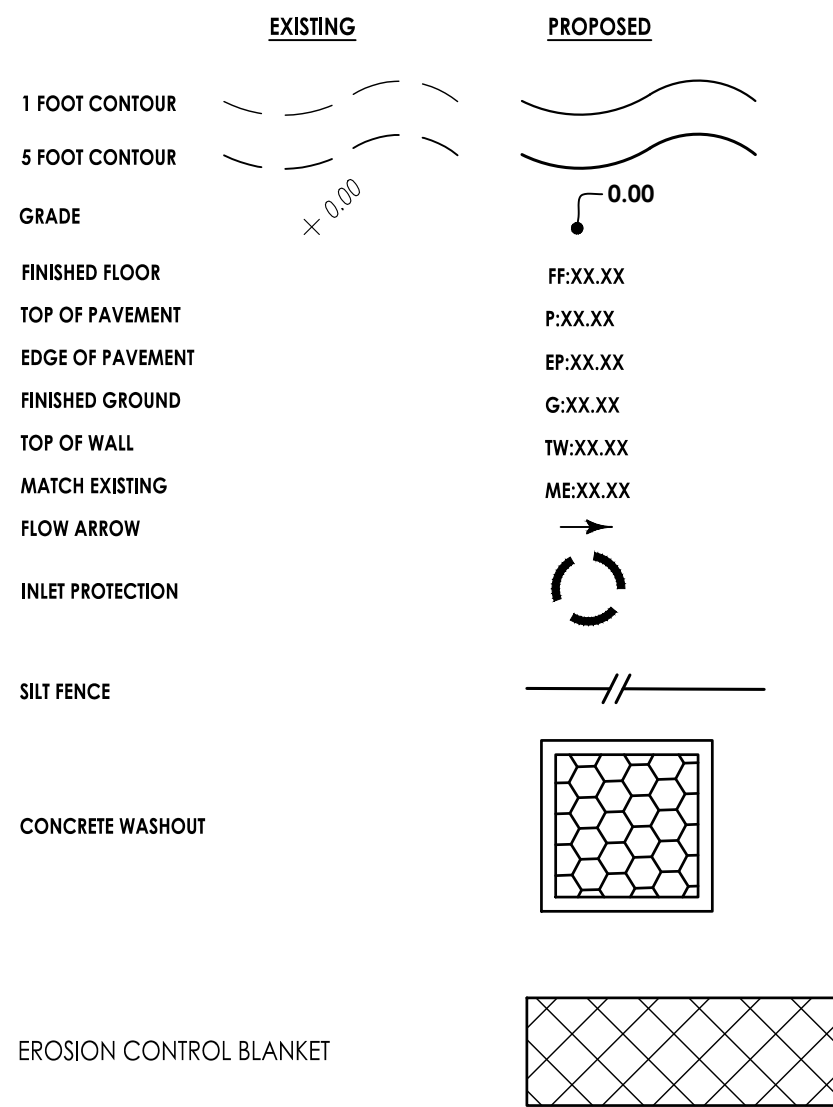
SOIL EROSION AND SEDIMENT CONTROL NOTES:

1. THE SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS DISTURBED ON THE SITE.
2. STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN ANY DRAINAGE WAYS, FLOODPLAINS, WETLANDS, OR BUFFERS.
3. SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR ANY SOIL STOCKPILE IF IT IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS INCLUDING A DOUBLE ROW OF SILT FENCE.
4. PROPERTIES DOWNSTREAM FROM THE SITE SHALL BE PROTECTED FROM EROSION IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION.
5. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
6. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN SEVEN (7) DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION.
7. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
8. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO PREVENT THE DEPOSITION OF SOIL ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
9. ALL TEMPORARY EROSION CONTROL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE CITY OF MOLINE'S CODE OF ORDINANCES CHAPTER 34 SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION AND CONTROL MEASURES ARE OPERATIONAL.
10. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.

EARTHWORK AND GRADING NOTES:

1. SOIL EROSION CONTROL SPECIFICATIONS SHALL BE CONSIDERED AS PART OF THIS SECTION. ALL SOIL EROSION CONTROLS SHALL BE IN PLACE BEFORE THE START OF ANY SITE WORK, PER THE EROSION CONTROL SHOWN ON THE PLAN SHEET.
2. SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" SHALL BE FOLLOWED AT THE DISCRETION OF THE MUNICIPALITY.
3. ALL PROPOSED PAVEMENT AREAS SHALL BE STRIPPED OF ALL TOPSOIL AND UNSUITABLE MATERIAL AND EXCAVATED OR FILLED TO DESIGN SUBGRADE.
4. THE SUBGRADE SHALL BE FREE OF UNSUITABLE MATERIAL AND SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE (95) PERCENT OF MODIFIED PROCTOR DENSITY, PER ASTM D-1557. CONTRACTOR TO COORDINATE TESTING FOR COMPACTION WITH THE GEOTECHNICAL ENGINEER, PROVIDED BY THE OWNER. ALL TEST RESULTS SHALL BE SUBMITTED TO THE OWNER & ENGINEER.
5. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
6. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN SPOT GRADES.
7. UPON COMPLETION OF THE SURFACE IMPROVEMENTS, THE CONTRACTOR SHALL RE-SPREAD A MINIMUM OF A 4" LAYER OF TOPSOIL ON ALL DISTURBED PARKWAY AND LANDSCAPED/LAWN AREAS AND RESTORE WITH SEED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL SPOILS MATERIAL AS NECESSARY. PREPARING THE PAVEMENT SUBGRADE, PLACING REQUIRED DEPTH OF TOPSOIL TO FINISH GRADE. GRADING OF DRAINAGE SWALES, AND ALL OTHER TASKS AS DIRECTED BY THE OWNER OR ENGINEER.

GRADING LEGEND:



MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

BROWNING FIELD  
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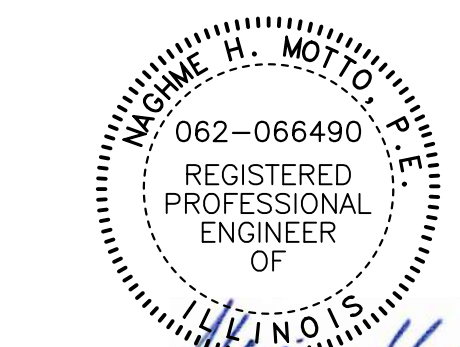
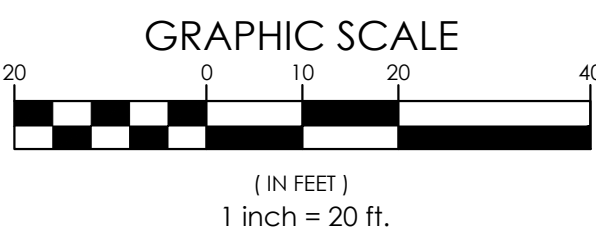
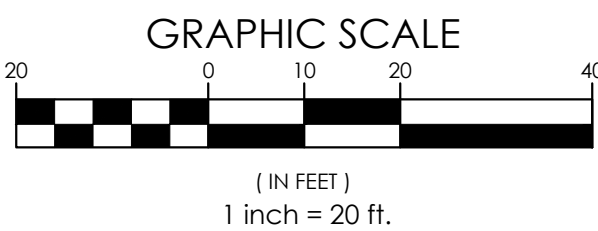
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GRADING, AND SOIL EROSION AND  
SEDIMENT CONTROL PLAN - ALTERNATE BID



SIGNATURE: *Walter H. Motto*  
DATE: 10/19/2026

| REVISIONS   | DATE       |
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| DESCRIPTION |            |
| BID SET     | 10/19/2026 |
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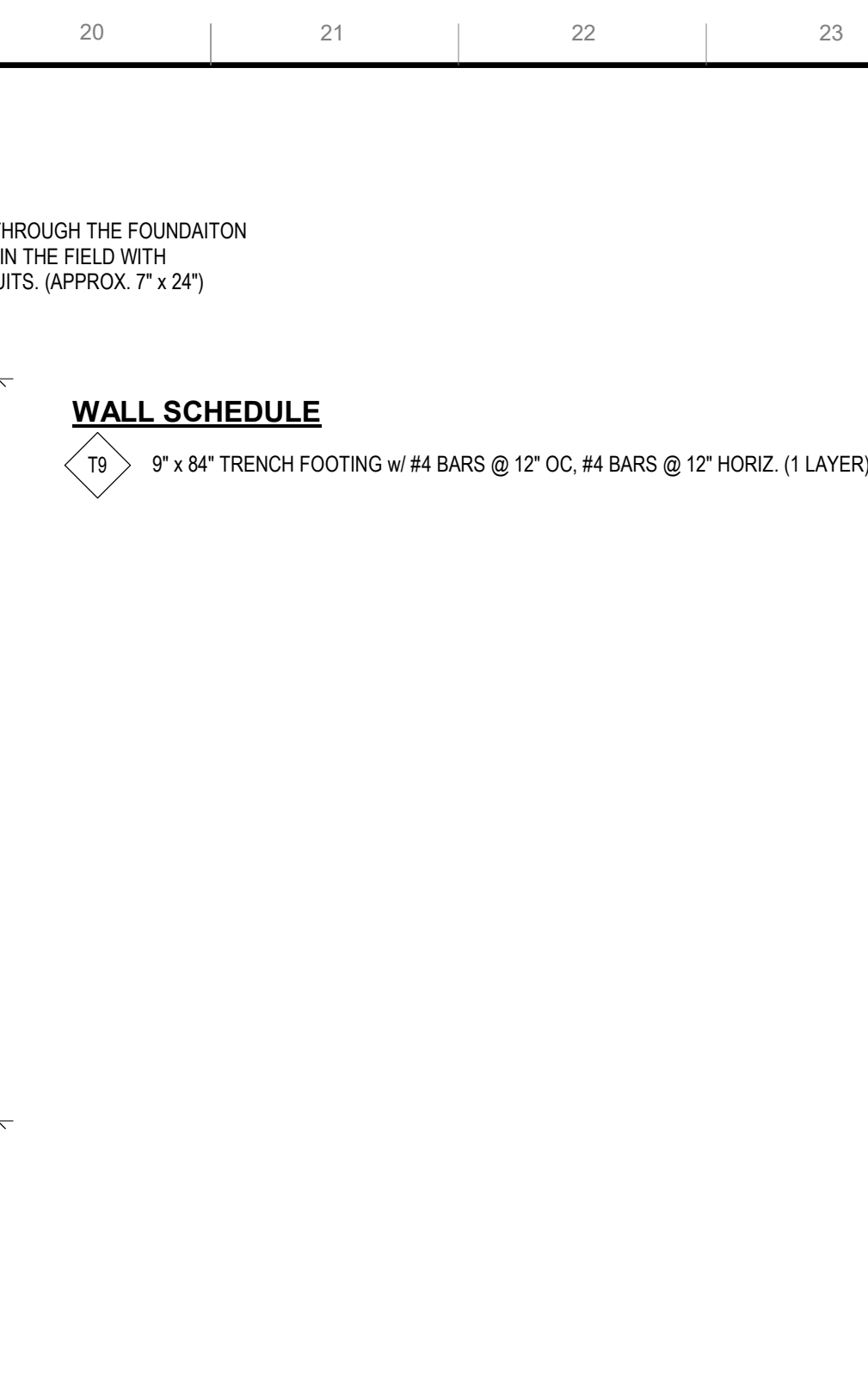
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DATE OF ISSUE: 10/19/26  
DRAWN BY: BV  
REVIEWED BY: AQ

GRADING AND SESC PLAN

C-301

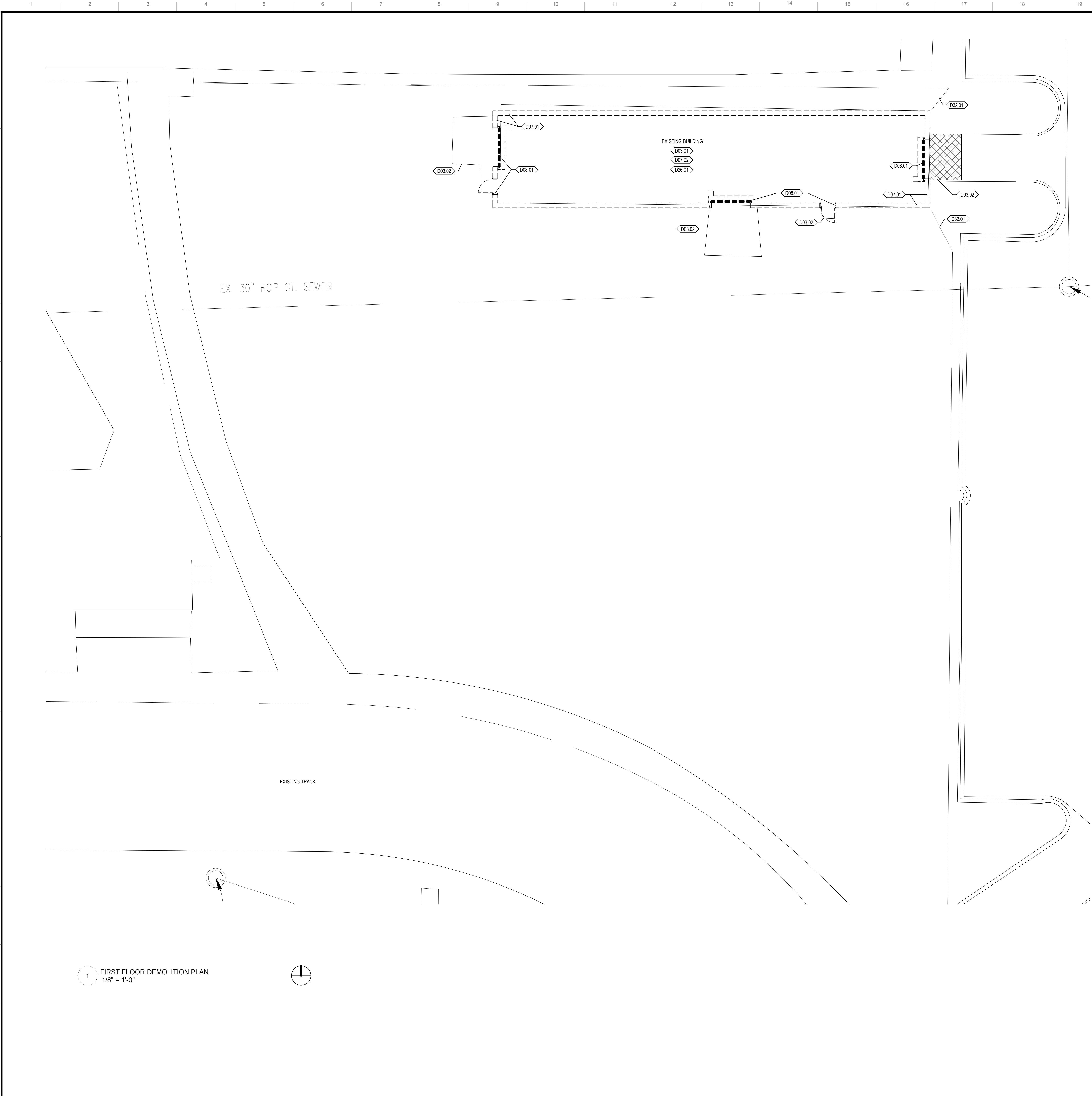
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1 STORAGE BUILDING FOUNDATION PLAN  
SCALE: 3/16" = 1'-0"

4 TYPICAL PIPE BOLLARD DETAIL  
SCALE: 1" = 1'-0"



**DEMOLITION LEGEND**

◀ D## ## DEMOLITION TAG

— EXISTING WALLS TO REMAIN

- - - EXISTING WALLS TO BE DEMOLISHED

□ LIMITS OF DEMOLITION WORK  
· SEE MEPP DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS

EXISTING DOORS TO REMAIN

EXISTING DOORS TO BE DEMOLISHED

**DEMOLITION PLAN GENERAL NOTES**

1. REFERENCED DEMOLITION NOTES REFER TO THE MINIMUM AMOUNT OF DEMOLITION REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION. TRADE CONTRACTORS SHALL VISIT PROJECT SITE TO BECOME FAMILIAR WITH COMPLETE SCOPE OF REMOVAL DEMOLITIONS AND FIELD VERIFY THE EXTENT OF DEMOLITION.
2. EXISTING DIMENSIONS AND HATCHED AREAS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD. THE ACTUAL AREA OF DEMOLITION SHOULD BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS.
3. IN THE EVENT THAT AN EXISTING ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM.
4. ALL UTILITIES SHALL REMAIN IN SERVICE FOR OTHER OCCUPANCIES. ANY SHUTDOWNS OF BUILDING MUST BE APPROVED BY OWNER AND OCCUR AT OFF HOURS AS DEFINED BY OWNER.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL MATERIAL OR EQUIPMENT IDENTIFIED TO BE REMOVED. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
6. REFER TO DRAWINGS FOR LOCATIONS OF ALL ITEMS TO BE REINSTALLED. ALL ITEMS NOT SPECIFICALLY INDICATED FOR REINSTALLATION ON DRAWINGS ARE TO BE TURNED OVER TO THE OWNER. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
7. ALL REMOVED ITEMS IDENTIFIED FOR REINSTALLATION OR TO BE TURNED OVER TO THE OWNER SHALL BE PROTECTED UNTIL TIME OF REINSTALLATION OR OWNER POSSESSION. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR.
8. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ITEMS SCHEDULED TO REMAIN AND/OR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.
9. DO NOT COMMENCE DEMOLITION UNTIL OWNER HAS REMOVED ALL EQUIPMENT FROM AREAS OF DEMOLITION.
10. COORDINATE WITH OWNER ACCESS AND LOCATIONS OF TEMPORARY PARTITION. TEMPORARY PARTITION MUST BE DUSTPROOF, AND ACT AS SMOKE AND FIRE BARRIER.
11. AT REMOVAL OF SELECTED DEMOLITION ITEMS WHERE NO NEW CONSTRUCTION IS IDENTIFIED, PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
12. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
13. ALL WALL DEMOLITION SHALL HAVE CLEAN, VERTICAL, SMOOTH CUTS. PATCH, REPLACE AND/OR FILL VOIDS IN WALLS TO REMAIN TO PROVIDE A SMOOTH SURFACE/EDGE FOR THE APPLICATION OF NEW FINISH MATERIAL.
14. AT IDENTIFIED AREAS OF SPALLED, UNEVEN AND/OR SEPARATED CONCRETE SLABS, REMOVE ALL LOOSE MATERIAL. GRIND CONCRETE TO ACHIEVE A LEVEL SURFACE AND FILL CRACKS AND SPALLED AREAS IN PREPARATION FOR INSTALLATION OF FINISHED FLOORING.
15. CONTRACTOR SHALL REMOVE EXISTING PLUMBING, MECHANICAL, ELECTRICAL OR OTHER MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN.
16. WHEN REMOVING INTERIOR OR EXTERIOR WALL ASSEMBLIES, CONTRACTOR SHALL ALSO REMOVE ALL ASSOCIATED POWER AND DATA RECEPTACLES, SWITCHES, ETC. REROUTE CONCEALED MEPP WHERE REQUIRED TO MAINTAIN FUNCTIONING SYSTEMS, REMOVE ABANDONED MEPP SYSTEMS TO SOURCE AND CAP APPROPRIATELY. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING FOR ADDITIONAL INFORMATION.
17. CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM CONSTRUCTION ON A DAILY BASIS.
18. GENERAL CONTRACTOR SHALL RECYCLE DEMOLITION CONSTRUCTION DEBRIS IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION AND SUSTAINABLE BEST PRACTICES.
19. IN THE EVENT HAZARDOUS MATERIALS ARE UNCOVERED GENERAL CONTRACTOR IS TO NOTIFY THE OWNER AND THE APPROPRIATE AUTHORITIES. THE ARCHITECT IS NOT RESPONSIBLE FOR REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS. CONTRACTOR TO PROVIDE REMOVAL / ABATEMENT AT LOCATIONS NECESSARY.
20. REFER TO THE CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR THE DEMOLITION WORK SPECIFIC TO THOSE DISCIPLINES.
21. STRUCTURAL ITEMS SHOWN AS TO BE REMOVED ARE FOR REFERENCE ONLY. VERIFY APPROPRIATE SHORING OR REINFORCEMENT CONDITION WITH STRUCTURAL DRAWINGS.

| DEMOLITION NOTES |                                                                              |
|------------------|------------------------------------------------------------------------------|
| D## ##           | DESCRIPTION                                                                  |
| D03.01           | REMOVE EXISTING CONCRETE SLAB ENTIRELY.                                      |
| D03.02           | REMOVE EXISTING CONCRETE STOOP OR SIDEWALK AS REQUIRED FOR NEW CONSTRUCTION. |
| D07.01           | REMOVE EXISTING WALL SYSTEM ENTIRELY.                                        |
| D07.02           | REMOVE EXISTING ROOF SYSTEM ENTIRELY.                                        |
| D08.01           | REMOVE EXISTING DOOR AND FRAME ENTIRELY.                                     |
| D08.02           | PROTECT EXISTING ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.         |
| D32.01           | REMOVE ANGLED PORTION OF EXISTING FENCE AS REQUIRED FOR NEW CONSTRUCTION.    |

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PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY VP  
REVIEWED BY ZC

**FIRST FLOOR DEMOLITION PLAN - PHASE 2**

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| BUILDING DATA - NEW CONSTRUCTION            |                                                                    |
|---------------------------------------------|--------------------------------------------------------------------|
| APPLICABLE CODE                             | IBC 2024                                                           |
| USE GROUP                                   | S-1, A-5                                                           |
| CONSTRUCTION TYPE (TABLE 601)               | VB                                                                 |
| ALLOWABLE HEIGHT (TABLE 504.3)              | 40 FEET                                                            |
| ACTUAL HEIGHT - HIGHEST ROOF PEAK           | 21'-0"                                                             |
| ALLOWABLE STORIES ABOVE GRADE (TABLE 504.4) | 1 STORY                                                            |
| ACTUAL STORIES ABOVE GRADE                  | 1 STORY                                                            |
| ALLOWABLE AREA (TABLE 506.2)                | 9,000 SF                                                           |
| AREA INCREASE DUE TO FRONTAGE (506.3)       | N/A                                                                |
| MAXIMUM ALLOWABLE AREA                      | N/A                                                                |
| NEW BUILDING FOOTPRINT                      | STORAGE (PHASE 2): 2,840 SF<br>LOCKER FACILITY (PHASE 3): 3,998 SF |
| AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS     | NO                                                                 |

| FIRE-RESISTANCE RATINGS FOR BUILDING ELEMENTS       |                                                                              |                        |
|-----------------------------------------------------|------------------------------------------------------------------------------|------------------------|
| BUILDING ELEMENT                                    | RATING                                                                       | UL APPROVED DESIGN NO. |
| PRIMARY STRUCTURAL FRAME                            |                                                                              |                        |
| BEAMS                                               | 0 - HR                                                                       | -                      |
| COLUMNS                                             | 0 - HR                                                                       | -                      |
| BEARING WALLS                                       |                                                                              |                        |
| EXTERIOR                                            | 0 - HR                                                                       | -                      |
| INTERIOR                                            | 0 - HR                                                                       | -                      |
| FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS | 0 - HR                                                                       | -                      |
| ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS  | 0 - HR                                                                       | -                      |
| PERIMETER FIRESTOPPING AT CURTAIN WALL              | 0 - HR                                                                       | -                      |
| PERIMETER FIRESTOPPING AT EDGE OF SLAB              | 0 - HR                                                                       | -                      |
| FIRE WALL (TABLE 706.4)                             | 0 - HR                                                                       | -                      |
| PARTY WALLS (TABLE 706.4)                           | 0 - HR                                                                       | -                      |
| CORRIDOR WALLS (TABLE 1020.1)                       | 0 - HR                                                                       | -                      |
| EXTERIOR WALL FIRE SEPARATION DISTANCE (TABLE 602)  | 1-HOUR: < 5' / 1-HOUR: 5' ≥ X < 10'<br>0-HOUR: 10' ≥ X < 30' / 0-HOUR: ≥ 30' |                        |

| MEANS OF EGRESS - NEW CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| APPLICABLE CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IBC 2024   |
| DOOR/CORRIDOR EGRESS WIDTH (1005.3.2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.2/PERSON |
| STAIR EGRESS WIDTH (1005.3.1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.3/PERSON |
| MAX. LENGTH OF EXIT ACCESS TRAVEL (TABLE 1017.2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 200 FEET   |
| MAX. LENGTH OF COMMON PATH EGRESS TRAVEL (TABLE 1006.2.1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 75 FEET    |
| MAX. LENGTH OF DEAD END CORRIDORS (TABLE 1020.3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20 FEET    |
| MINIMUM CORRIDOR WIDTH (TABLE 1020.3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36 INCHES  |
| APPLICABLE CODES - NEW CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |
| <ul style="list-style-type: none"><li>• 2024 INTERNATIONAL BUILDING CODE (IBC)</li><li>• 2024 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)</li><li>• 2024 INTERNATIONAL FIRE CODE (IFC), EXCLUDING CHAPTER 4</li><li>• 2024 INTERNATIONAL MECHANICAL CODE (IMC)</li><li>• 28 ILLINOIS ADMINISTRATIVE CODE 1500 SHALL APPLY INSTEAD OF CHAPTER 4 OF THE INTERNATIONAL FIRE CODE</li><li>• 77 ILLINOIS ADMINISTRATIVE CODE, PART 800, ILLINOIS PLUMBING CODE</li><li>• 71 ILLINOIS ADMINISTRATIVE CODE, PART 400, ILLINOIS ACCESSIBILITY CODE</li><li>• FEDERAL ACCESSIBILITY CODE: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN</li><li>• NFPA 101 LIFE SAFETY CODE, 2012 EDITION</li></ul> |            |

| ARCHITECTURAL PLAN NOTES |                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE                     | DESCRIPTION                                                                                                                                |
| N001                     | WALL MOUNTED TV                                                                                                                            |
| N002                     | 8'-0" HIGH CHAIN LINK FENCE SYSTEM                                                                                                         |
| N003                     | 2" X 6" WOOD FRAMING WITH TYPE X 5/8" GYPSUM BOARD EACH SIDE. WALLS EXTEND TO ROOF DECK.                                                   |
| N004                     | SINGLE TIER ATHLETIC LOCKER SYSTEM. PROVIDE FIVE (5) ADA STYLE LOCKERS EACH ROOM FOR A TOTAL OF 10.                                        |
| N005                     | INSTALL LOCKER IN CORNER AS REQUIRED TO CLOSE THE GAP BETWEEN ADJACENT LOCKERS. PROVIDE LOCKER TOP SIZED TO CLOSE THE GAP BETWEEN LOCKERS. |
| N006                     | WOOD POST FRAMING BY FEWB SUPPLIER                                                                                                         |
| N007                     | FIXED LOCKER ROOM BENCH SYSTEM                                                                                                             |
| N008                     | BOLLARD - TYPICAL                                                                                                                          |

| FLOOR PLAN LEGEND |                                                |
|-------------------|------------------------------------------------|
|                   | DETAIL SECTION TAG                             |
|                   | BUILDING & WALL SECTION TAG                    |
|                   | ROOM NAME                                      |
|                   | ROOM NUMBER                                    |
|                   | SEMI-RECESSED FIRE EXTINGUISHER AND CABINET    |
|                   | INTERIOR ELEVATION TAG                         |
|                   | EXTERIOR ELEVATION TAG                         |
|                   | COLUMN TAG AND COLUMN CENTERLINE               |
|                   | STOREFRONT, CURTAIN WALL, AND WINDOW ELEVATION |
|                   | NEW WORK NOTE                                  |

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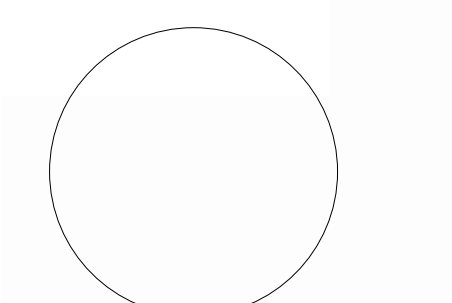
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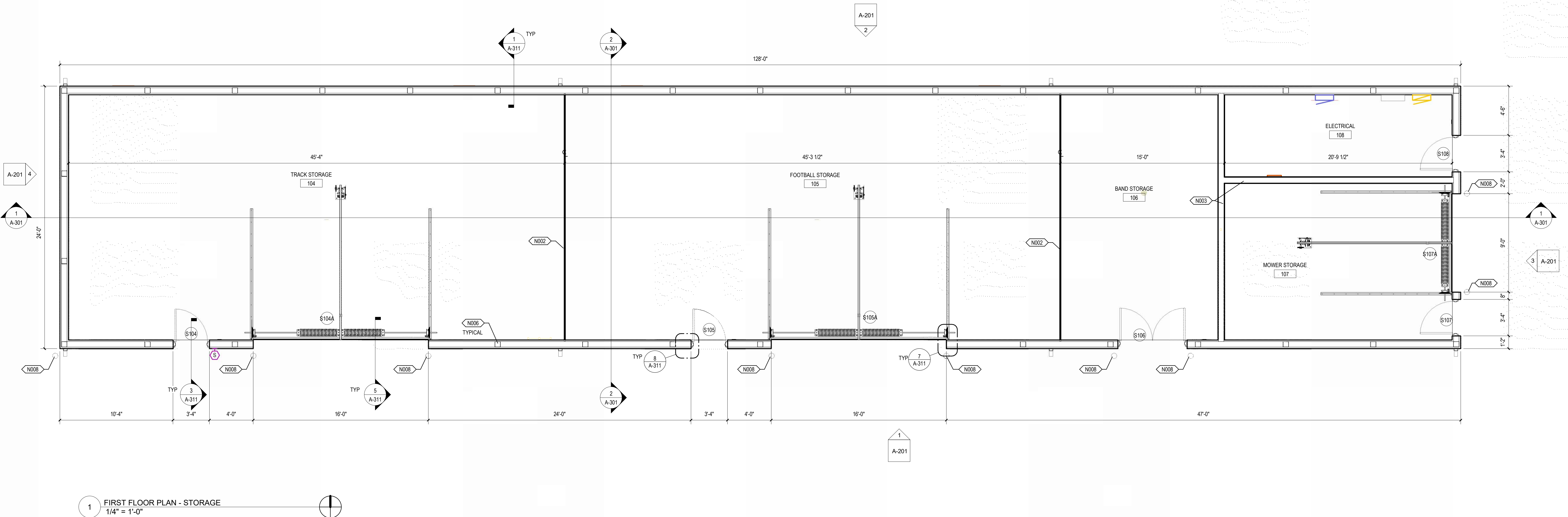
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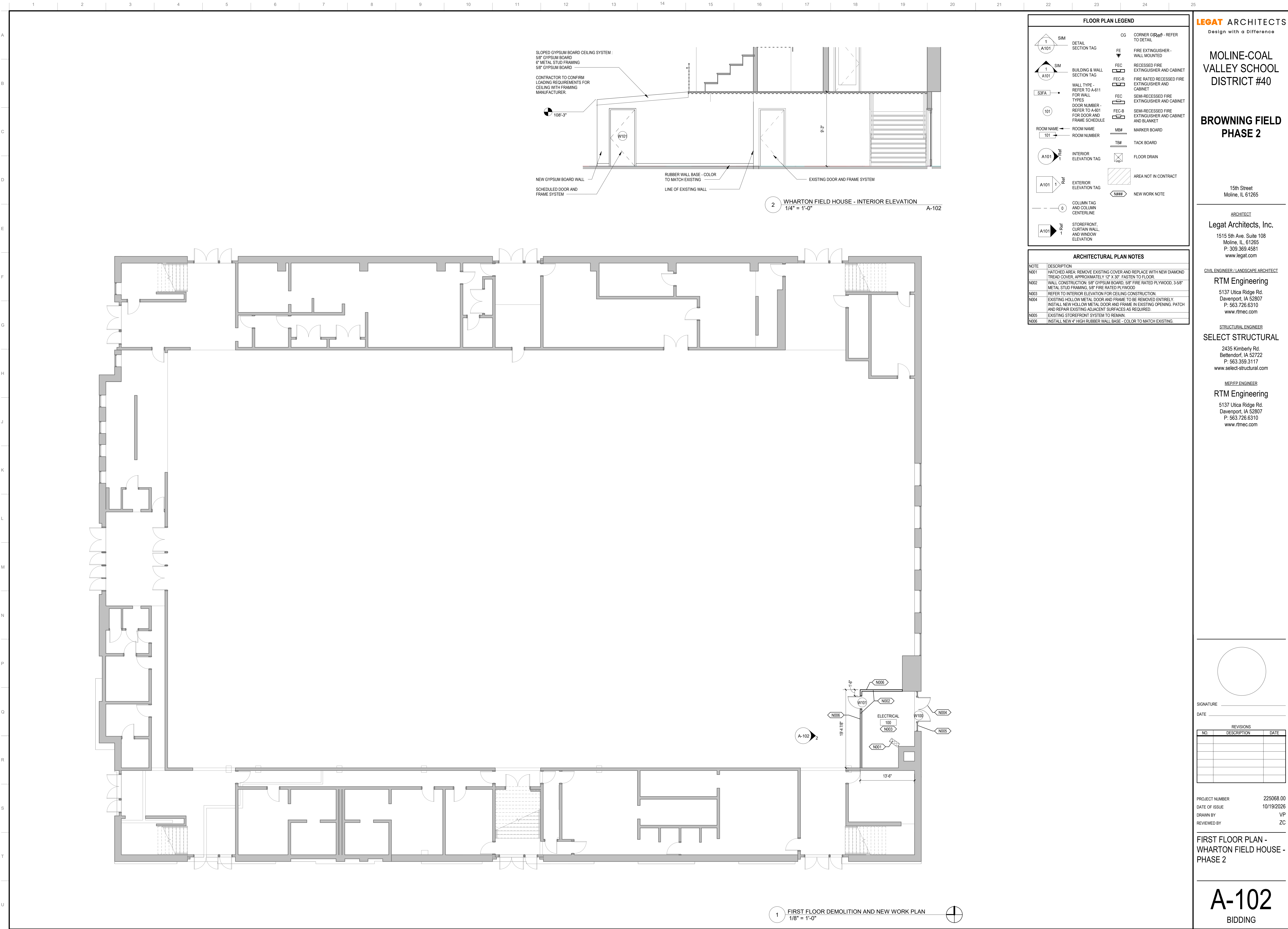
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REVIEWED BY ZC

**FIRST FLOOR PLAN - PHASE 2**

**A-101**  
BIDDING





**FLOOR PLAN LEGEND**

|  |                                                          |  |                                                         |
|--|----------------------------------------------------------|--|---------------------------------------------------------|
|  | DETAIL SECTION TAG                                       |  | CORNER G/Ref - REFER TO DETAIL                          |
|  | BUILDING & WALL SECTION TAG                              |  | FIRE EXTINGUISHER - WALL MOUNTED                        |
|  | WALL TYPE - REFER TO A-611 FOR WALL TYPES                |  | RECESSED FIRE EXTINGUISHER AND CABINET                  |
|  | DOOR NUMBER - REFER TO A-601 FOR DOOR AND FRAME SCHEDULE |  | FIRE RATED RECESSED FIRE EXTINGUISHER AND CABINET       |
|  | ROOM NAME                                                |  | SEMI-RECESSED FIRE EXTINGUISHER AND CABINET             |
|  | ROOM NUMBER                                              |  | SEMI-RECESSED FIRE EXTINGUISHER AND CABINET AND BLANKET |
|  | INTERIOR ELEVATION TAG                                   |  | MARKER BOARD                                            |
|  | EXTERIOR ELEVATION TAG                                   |  | TACK BOARD                                              |
|  | COLUMN TAG AND COLUMN CENTERLINE                         |  | FLOOR DRAIN                                             |
|  | STOREFRONT, CURTAIN WALL, AND WINDOW ELEVATION           |  | AREA NOT IN CONTRACT                                    |
|  |                                                          |  | NEW WORK NOTE                                           |

| ARCHITECTURAL PLAN NOTES |                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE                     | DESCRIPTION                                                                                                                                                                        |
| N001                     | HATCHED AREA: REMOVE EXISTING COVER AND REPLACE WITH NEW DIAMOND TREAD COVER, APPROXIMATELY 12" X 30". FASTEN TO FLOOR.                                                            |
| N002                     | WALL CONSTRUCTION: 5/8" GYPSUM BOARD, 5/8" FIRE RATED PLYWOOD, 3-5/8" METAL STUD FRAMING, 5/8" FIRE RATED PLYWOOD                                                                  |
| N003                     | REFER TO INTERIOR ELEVATION FOR CEILING CONSTRUCTION                                                                                                                               |
| N004                     | EXISTING HOLLOW METAL DOOR AND FRAME TO BE REMOVED ENTIRELY. INSTALL NEW HOLLOW METAL DOOR AND FRAME IN EXISTING OPENING. PATCH AND REPAIR EXISTING ADJACENT SURFACES AS REQUIRED. |
| N005                     | EXISTING STOREFRONT SYSTEM TO REMAIN                                                                                                                                               |
| N006                     | INSTALL NEW 4" HIGH RUBBER WALL BASE - COLOR TO MATCH EXISTING.                                                                                                                    |

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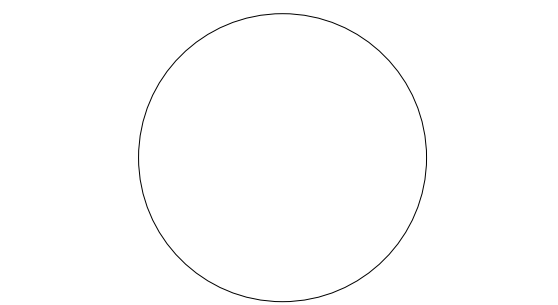
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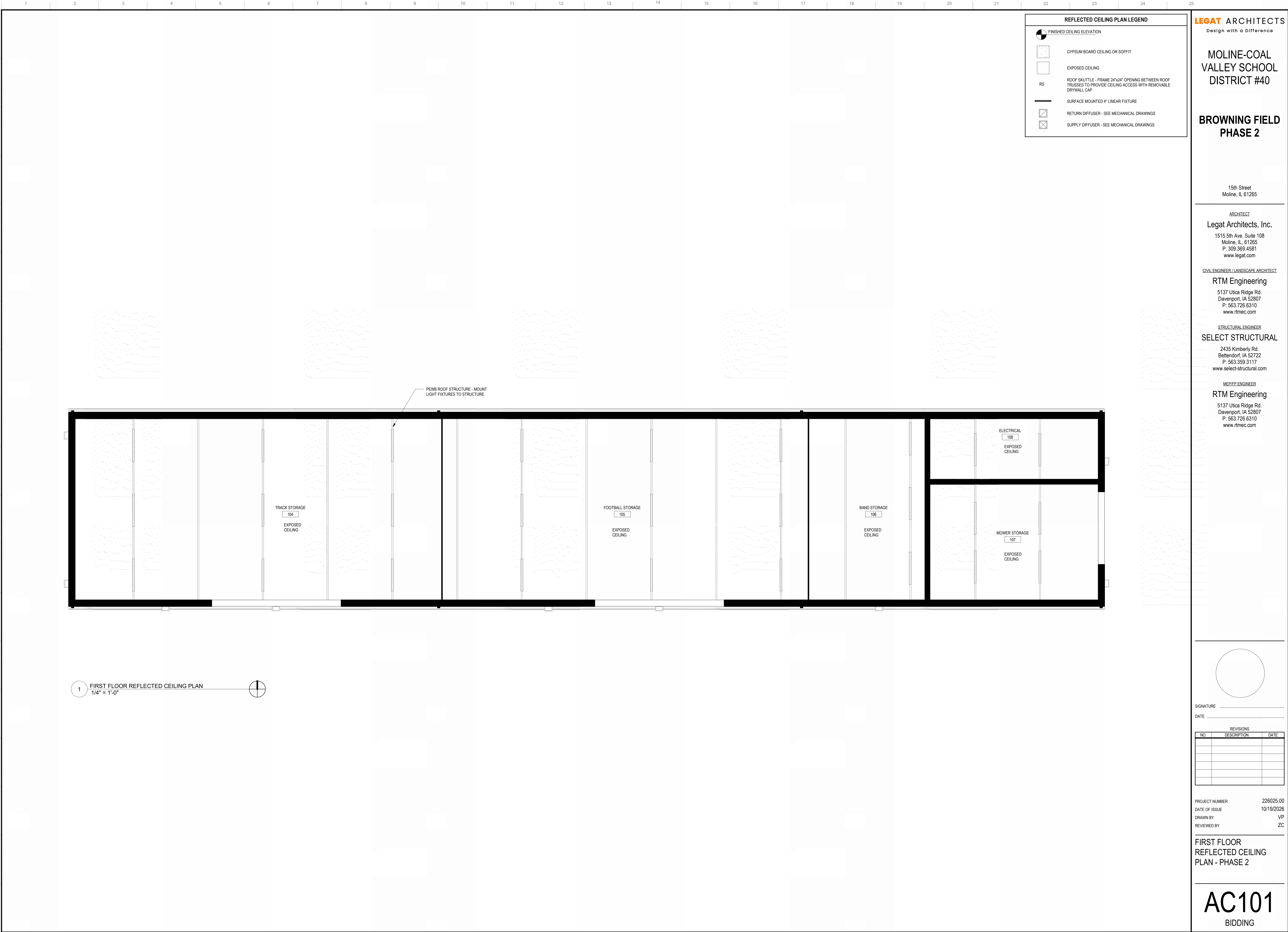
PROJECT NUMBER 225068.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY VP  
REVIEWED BY ZC

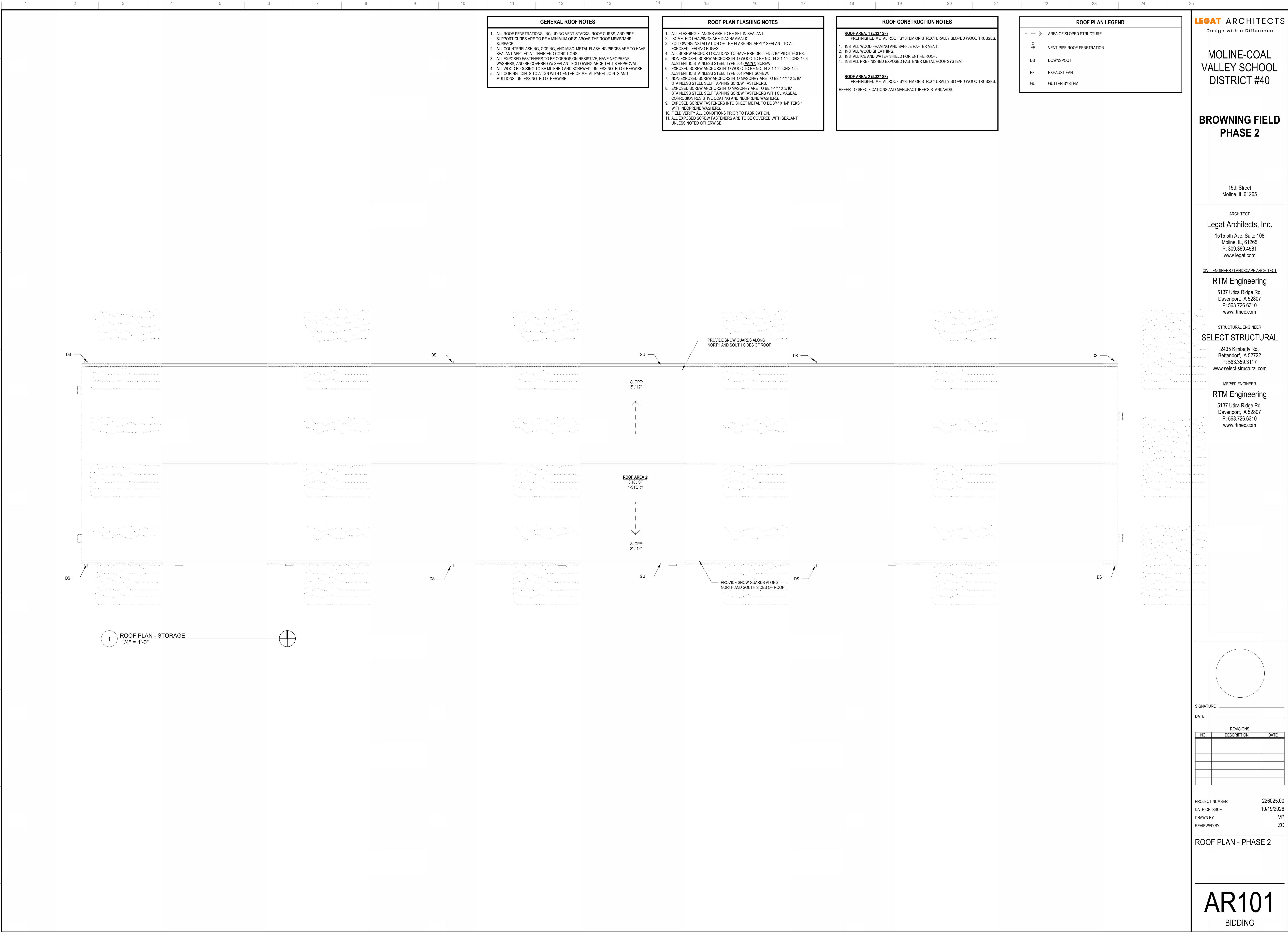
FIRST FLOOR PLAN -  
WHARTON FIELD HOUSE -  
PHASE 2

A-102  
BIDDING

# AF101

## BIDDING





MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

BROWNING FIELD  
PHASE 2

15th Street  
Moline, IL 61265

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PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY VP  
REVIEWED BY ZC

ROOF PLAN - PHASE 2



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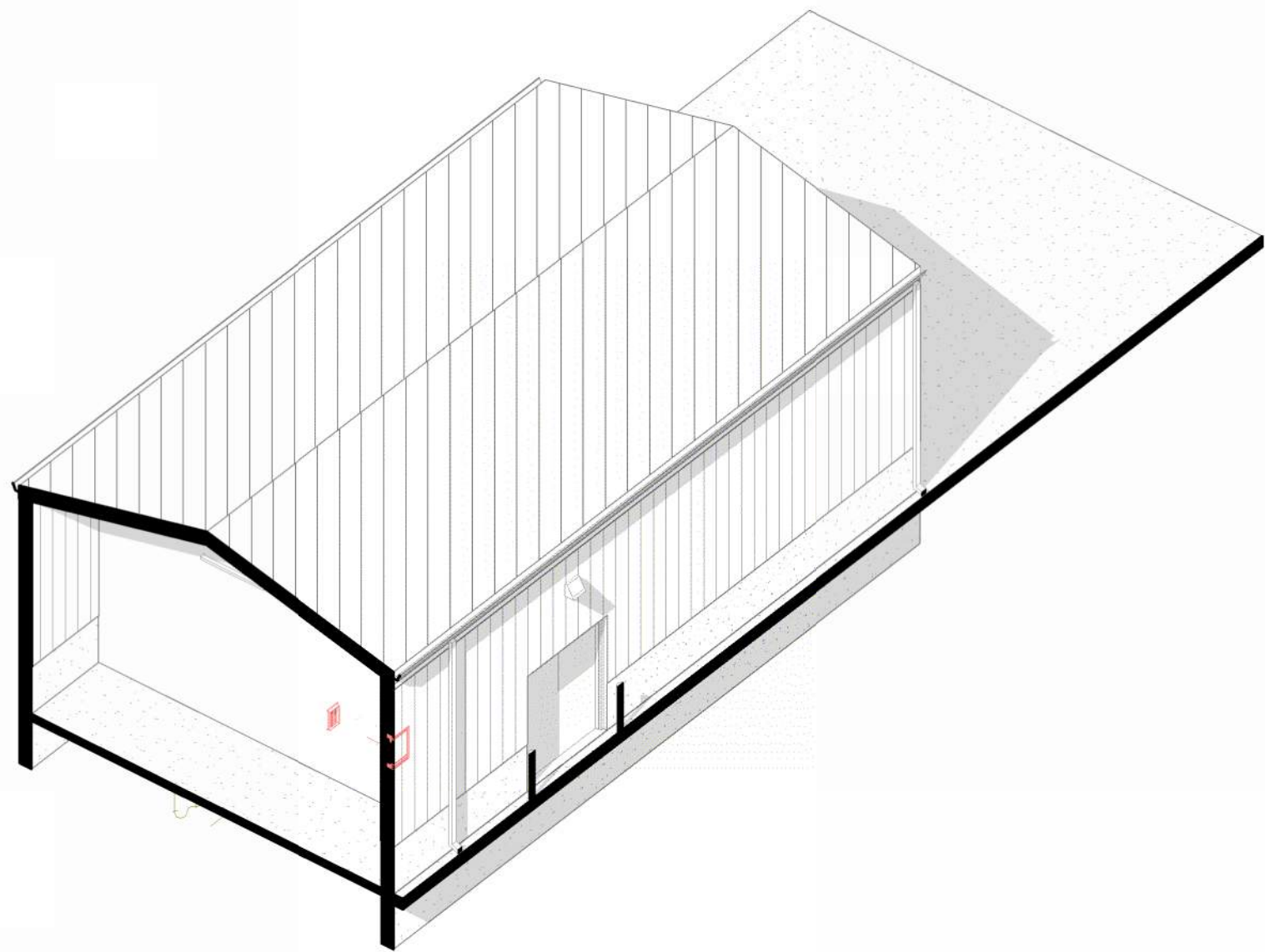
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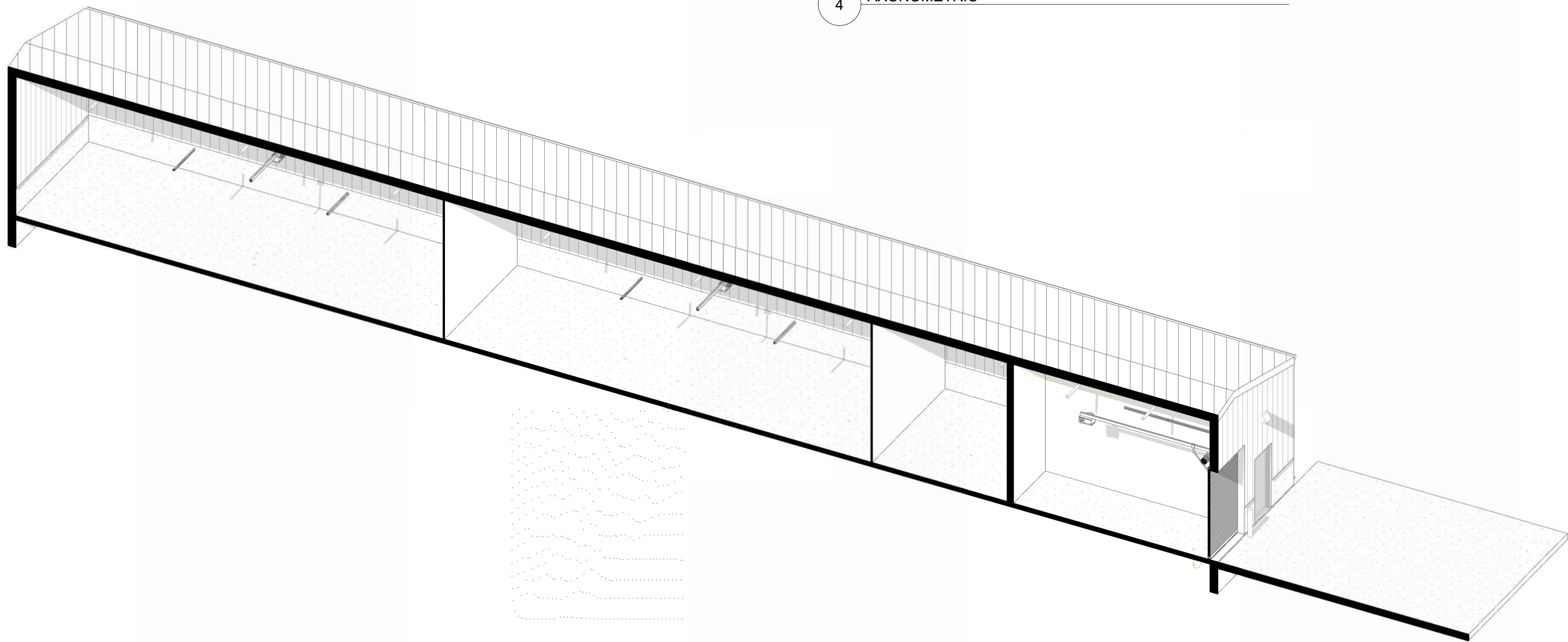
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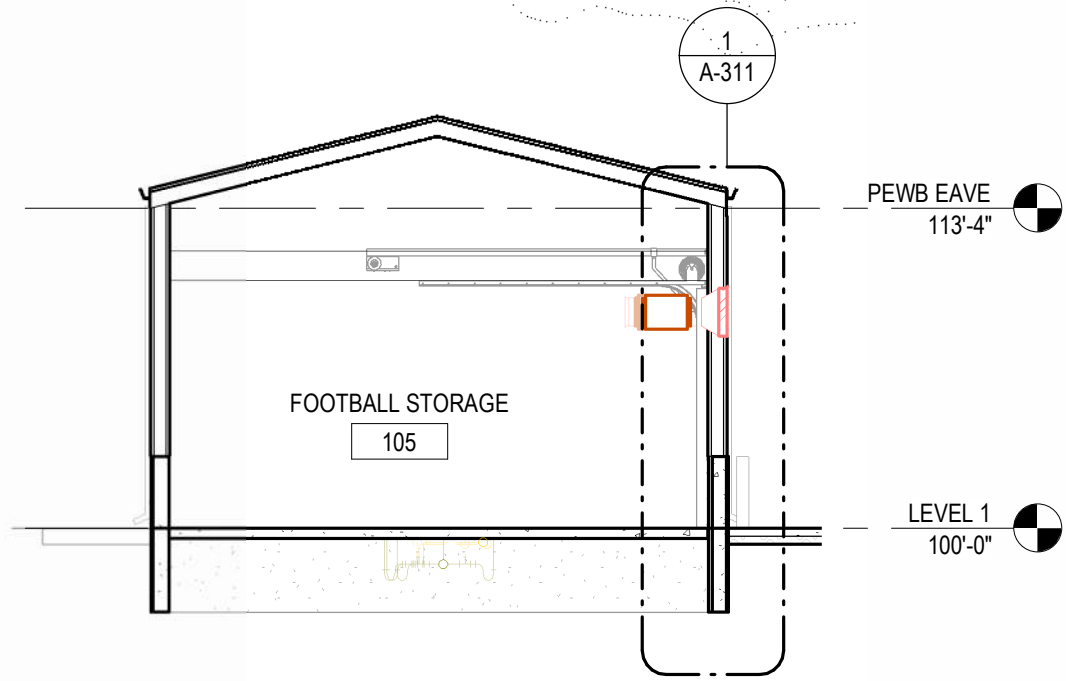
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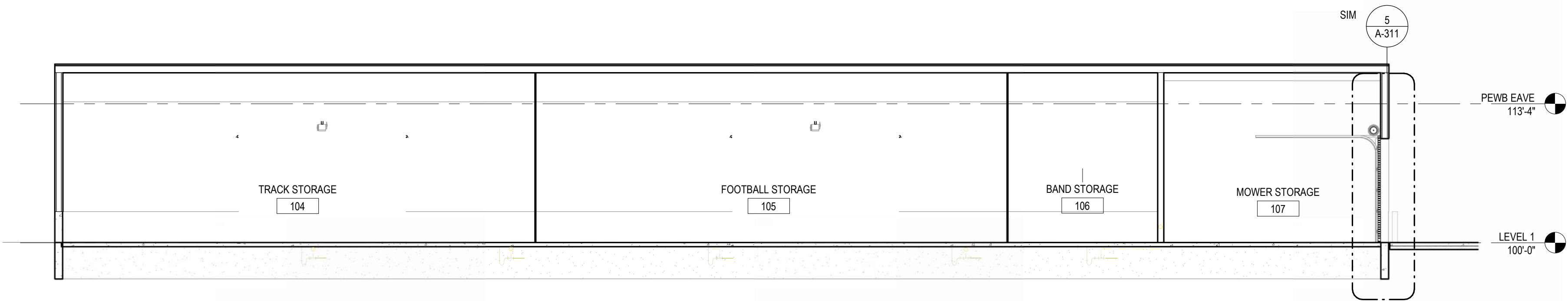
4 AXONOMETRIC



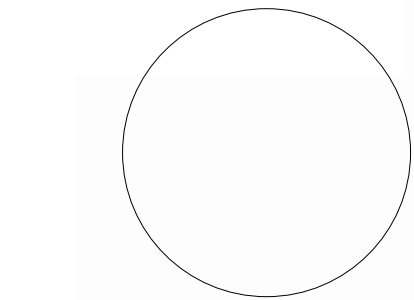
3 AXONOMETRIC



2 BUILDING SECTION - STORAGE EAST  
1/8" = 1'-0" A-101



1 BUILDING SECTION - STORAGE NORTH  
1/8" = 1'-0" A-101



SIGNATURE

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PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
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REVIEWED BY ZC

**BUILDING SECTIONS -  
PHASE 2**



**A-311**  
BIDDING

## GENERAL NOTES

**GENERAL:**

- 1. ALL DOOR AND FRAME TYPES ARE SHOWN AS EXTERIOR VIEW.
- 2. FRAME WIDTHS ARE INDICATED ON THE FLOOR PLAN. FRAME HEIGHTS ARE INDICATED ON THE FRAME TYPES. DOOR DIMENSIONS ARE INDICATED ON THE DOOR AND FRAME SCHEDULE.
- 3. DIMENSIONS INDICATED ARE FOR BIDDING PURPOSES ONLY AND SHALL BE FIELD VERIFIED PRIOR TO PREPARATION OF SHOP DRAWINGS AND FABRICATION.
- 4. THE MANUFACTURER(S) SHALL BE RESPONSIBLE FOR THE ENGINEERING AND STRUCTURAL INTEGRITY OF THE FRAME SYSTEMS.
- 5. ALL FRAMES IN MASONRY OPENINGS REQUIRE A LUNTEL. REFER TO DOOR AND FRAME SCHEDULE AND/OR STRUCTURAL DRAWINGS.
- 6. ALL OPENINGS IN MASONRY FRAMES REQUIRE GLAZING PANELS OR INFILL PANELS EXCEPT FOR GLAZING PANELS IN DOOR FRAMES.
- 7. GLAZING TYPES FOR EXTERIOR FRAMES ARE INDICATED ON THE DOOR AND FRAME SCHEDULE OR HEREIN.
- 8. ALL OPENINGS IN DOOR REQUIRE GLAZING PANELS UNLESS NOTED OTHERWISE. GLAZING TYPES FOR DOORS ARE INDICATED ON THE DOOR AND FRAME SCHEDULE OR HEREIN.
- 9. HAZARDOUS SETS AND GLAZING TYPES ARE SPECIFIED IN THE PROJECT MANUAL. FRAMES SHALL BE DESIGNED, CUT, AND FABRICATED TO MINIMIZE JOINTS.
- 10. JOINTS IN HOLLOW METAL FRAMES SHALL RECEIVE METAL FILLER. BE GROUND SMOOTH AND FINISHED TO MATCH THE FINISH OF THE FRAME.
- 11. JOINTS IN EXTERIOR ALUMINUM FRAMES SHALL BE AIR AND WATER TIGHT IN ACCORDANCE WITH THE REQUIREMENTS IDENTIFIED IN THE PROJECT MANUAL.
- 12. LEAKAGE SHALL BE MINIMIZED ON DOOR REQUIRE IN THE TRIM AND AT JOINTS AND INTERSECTIONS OF ADJACENT FRAMES.

**HOLLOW METAL DOORS AND FRAMES:**

- 10.1. ALL HOLLOW METAL FRAMES SHALL HAVE THE FOLLOWING CHARACTERISTICS UNO:
  - A. FACE WIDTH: 5"±
  - B. FRAME DEPTH: 3/4"±
  - C. THICKNESS: 4/16"
  - D. RETURN: 7/16"
- 11. ANCHORAGE AT HOLLOW METAL FRAMES:
  - A. PROVIDE FASTENERS AT 18" ON CENTER AND MINIMALLY THREE (3) ANCHORS PER JAMB.
  - B. AT FRAMES INSTALLED PRIOR TO MASONRY INSTALLATION PROVIDE GALVANIZED STEEL ANCHORS.
  - C. AT FRAMES INSTALLED AFTER MASONRY INSTALLATION OR AT EXISTING MASONRY OPENINGS PROVIDE GALVANIZED STEEL SPACER BRACKETS, ANCHOR SLEEVES AND TO THE EXISTING MASONRY FRAME. PROVIDE COUNTERSINKS FOR FLATHEAD EXPANSION ANCHORS. COVER HEAD OF FASTENERS WITH METAL PLATE, GRIND SMOOTH, PRIME AND FINISH PAINT.
  - D. LEAKAGE SHALL BE MINIMIZED IN STUD PARTITIONS PROVIDE GALVANIZED STEEL Z-TYPE SPACER BRACKETS.
- 12. JAMBS OF FRAMES INSTALLED IN EXTERIOR WALLS AND WHERE INDICATED SHALL BE GROUTED SOLID, CURE GROUT HOUSE WITH METAL PLATE, GRIND SMOOTH, AND FINISH PAINT.

**LEGAT ARCHITECTS**  
Design with a Difference

**MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40**

**BROWNING FIELD  
PHASE 2**

15th Street  
Moline, IL 61265

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| B |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| C |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| D |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| E |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| F |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
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| H |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| J |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| K |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| L |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| M |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| N |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Q |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| R |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| S |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| T |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| U |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

PLUMBING ABBREVIATIONS:

|      |                               |
|------|-------------------------------|
| AD   | AREA DRAIN                    |
| BFP  | BACKFLOW PREVENTER            |
| BP   | BOOSTER PUMP                  |
| BTUH | BTU(S) PER HOUR               |
| BV   | BALANCING VALVE               |
| CO2  | CARBON DIOXIDE                |
| CPVC | CHLORINATED PVC               |
| CW   | COLD WATER                    |
| CWU  | COLD WATER FIXTURE UNITS      |
| CWR  | COLD WATER RETURN             |
| DF   | DRINKING FOUNTAIN             |
| DFU  | DRAINAGE FIXTURE UNITS        |
| DIA  | DIAMETER                      |
| DS   | DOWNSPOUT                     |
| DW   | DISH WASHER                   |
| ES   | EMERGENCY SHOWER              |
| EVAC | WASTE ANESTHETIC GAS DISPOSAL |
| EW   | EMERGENCY EYE WASH            |
| EWV  | ELECTRIC WATER HEATER         |
| FCO  | FLOOR CLEANOUT                |
| FD   | FLOOR DRAIN                   |
| FRS  | FLUSHING RIM SINK             |
| FS   | FLOOR SINK                    |
| GWH  | GAS WATER HEATER              |
| HB   | HOSE BIBB                     |
| HD   | HUB DRAIN                     |
| HS   | HAND SINK                     |
| HW   | HOT WATER                     |
| HWU  | HOT WATER FIXTURE UNITS       |
| HWV  | HOT WATER RETURN              |
| IWP  | INDIRECT WASTE PIPE           |
| KS   | KITCHEN SINK                  |
| LA   | LAB AIR                       |
| LAV  | LAVATORY                      |
| LV   | LABORATORY VACUUM             |
| MB   | MOP BASIN                     |
| MBH  | BTU PER HOUR (THOUSAND)       |
| MV   | MIXING VALVE                  |
| N    | NITROGEN                      |
| NCP  | NITROGEN CONTROL PANEL        |
| ND   | NOZZLE DRAIN                  |
| NG   | NATURAL GAS                   |
| NO   | NITROUS OXIDE                 |
| NPT  | NATIONAL PIPE THREAD TAPERED  |
| O    | OXYGEN                        |
| PEX  | CROSS LINKED POLYETHYLENE     |
| POC  | POINT OF CONNECTION           |
| PSI  | POUNDS PER SQUARE INCH        |
| PSIG | PSI GAUGE                     |
| PVC  | POLYVINYL CHLORIDE            |
| PW   | PURE WATER                    |
| RD   | ROOF DRAIN                    |
| RDO  | ROOF DRAIN OVERFLOW           |
| S    | SINK                          |
| SD   | SHOWER DRAIN                  |
| SE   | SEWAGE EJECTOR                |
| SFU  | SUPPLY FIXTURE UNIT           |
| SH   | SHOWER                        |
| SP   | SUMP PUMP                     |
| SPR  | STANDPIPE RECEPTOR            |
| SS   | SERVICE SINK                  |
| TD   | TRENCH DRAIN                  |
| TEMP | TEMPERATURE                   |
| TMV  | THERMOSTATIC MIXING VALVE     |
| UR   | URNAL                         |
| VA   | VACUUM                        |
| W    | WASTE PIPE                    |
| WC   | WATER CLOSET                  |
| WCO  | WALL CLEANOUT                 |
| WH   | WATER HEATER                  |
| WS   | WATER SOFTENER                |
| YCO  | YARD CLEANOUT                 |

GENERAL ABBREVIATIONS:

|           |                                          |
|-----------|------------------------------------------|
| AE        | ARCHITECT/ENGINEER                       |
| ABV       | ABOVE                                    |
| AFF       | ABOVE FINISHED FLOOR                     |
| AFG       | ABOVE FINISHED GRADE                     |
| ALT       | ALTERNATE                                |
| APPROX    | APPROXIMATELY                            |
| ARCH      | ARCHITECT                                |
| AVG       | AVERAGE                                  |
| BFG       | BELOW FINAL GRADE                        |
| BLDG      | BUILDING                                 |
| CLG       | CEILING                                  |
| DEG-F, °F | DEGREES FAHRENHEIT                       |
| DIR       | DIRECT                                   |
| DISC      | DISCONNECT                               |
| DN        | DOWN                                     |
| EC        | ELECTRICAL CONTRACTOR                    |
| ELEV      | ELEVATION REFERENCE                      |
| EM        | EMERGENCY                                |
| EP        | EXPLOSION PROOF                          |
| EWV       | ELECTRIC WATER COOLER                    |
| F         | FLUSH                                    |
| FBO       | FURNISHED BY OTHERS                      |
| FIXT      | FIXTURE                                  |
| FLA       | FULL LOAD AMPS                           |
| FLR       | FLOOR                                    |
| FP        | FIRE PROTECTION                          |
| FS        | FLOW SWITCH                              |
| GC        | GENERAL CONTRACTOR                       |
| GRD       | GROUND                                   |
| GYP       | GYPSUM BOARD                             |
| HVAC      | HEATING & VENTILATING - AIR CONDITIONING |
| HVC       | HEATING VENTILATING CONTRACTOR           |
| HW        | HEAVY WALL                               |
| ID        | INDIRECT                                 |
| IE        | INVERT ELEVATION                         |
| IL        | INTERLOCK                                |
| IU        | IN UNIT                                  |
| J-BOX     | JUNCTION BOX                             |
| LG        | LAY-IN GRID                              |
| LTG       | LIGHTING                                 |
| LV        | LOW VOLTAGE                              |
| LVT       | LINE VOLTAGE THERMOSTAT                  |
| MAX       | MAXIMUM                                  |
| MIN       | MINIMUM                                  |
| MISC      | MISCELLANEOUS                            |
| MTD       | MOUNTED                                  |
| NA        | NOT APPLICABLE                           |
| NC        | NOT IN CONTRACT                          |
| NTS       | NOT TO SCALE                             |
| PC        | PLUMBING CONTRACTOR                      |
| PLBG      | PLUMBING CONTRACTOR                      |
| RM        | ROOM                                     |
| RQD       | REQUIRED                                 |
| SF        | SQUARE FEET                              |
| SPEC      | SPECIFICATION(S)                         |
| SURF      | SURFACE                                  |
| TS        | TAMPER SWITCH                            |
| TYP       | TYPICAL                                  |
| UG        | UNDERGROUND                              |
| UNO       | UNLESS NOTED OTHERWISE                   |

PLUMBING FITTINGS:

|                          |                      |
|--------------------------|----------------------|
|                          | 45° ELBOW            |
|                          | CAP                  |
|                          | 90° ELBOW            |
|                          | ELBOW DOWN           |
|                          | ELBOW UP             |
|                          | P TRAP               |
|                          | TEE                  |
|                          | TEE DOWN             |
|                          | TEE UP               |
|                          | LATERAL              |
|                          | UNION                |
|                          | FLEXIBLE CONNECTION  |
|                          | PIPE CONTINUATION    |
|                          | CLEANOUT (CO)        |
|                          | FLOOR CLEANOUT (FCO) |
|                          | WALL CLEANOUT (WCO)  |
|                          | FLOOR SINK           |
|                          | DRAIN                |
| XX DENOTES THE FOLLOWING |                      |
| (AD)                     | AREA DRAIN           |
| (FD)                     | FLOOR DRAIN          |
| (HD)                     | HUB DRAIN            |
| (RD)                     | ROOF DRAIN           |

PLUMBING VALVES:

|  |                                                     |
|--|-----------------------------------------------------|
|  | SOLENOID VALVE                                      |
|  | MODULATING 2-WAY VALVE                              |
|  | MODULATING 3-WAY VALVE                              |
|  | BALANCING VALVE                                     |
|  | BALL VALVE                                          |
|  | BUTTERFLY VALVE                                     |
|  | CHECK VALVE                                         |
|  | MIXING VALVE                                        |
|  | FLOAT OPERATED VALVE                                |
|  | GATE VALVE                                          |
|  | GLOBE VALVE                                         |
|  | PLUG VALVE                                          |
|  | PRESSURE REDUCING VALVE                             |
|  | SAFETY RELIEF VALVE                                 |
|  | DOUBLE CHECK VALVE ASSEMBLY                         |
|  | REDUCED PRESSURE ZONE VALVE (RPZ)                   |
|  | DUAL CHECK VALVE WITH INTERMEDIATE ATMOSPHERIC VENT |

PLUMBING SPECIALTIES:

|  |                            |
|--|----------------------------|
|  | AUTOMATIC AIR VENT         |
|  | MANUAL AIR VENT            |
|  | PRESSURE GAUGE             |
|  | PRESSURE SWITCH            |
|  | THERMOMETER                |
|  | STRAINER, BLOW DOWN        |
|  | STRAINER                   |
|  | EXPANSION LOOP             |
|  | EXPANSION JOINT            |
|  | WATER HAMMER ARRESTER      |
|  | AQUASTAT                   |
|  | HOSE BIBB/WALL HYDRANT     |
|  | TRAP PRIMER                |
|  | VACUUM BREAKER             |
|  | SPILL PROOF VACUUM BREAKER |

PIPE SYSTEM LINETYPES:

|                |                                   |
|----------------|-----------------------------------|
| -----          | PIPING OR EQUIPMENT TO BE REMOVED |
| -----          | PIPING OR EQUIPMENT TO REMAIN     |
| -----IWP-----  | INDIRECT WASTE PIPE (IWP)         |
| -----GRS-----  | GREY WASTE (GRS)                  |
| -----GR-----   | GREASE WASTE (GR)                 |
| ---CV---       | CLEAR WATER VENT (CV)             |
| ---AV---       | ACID VENT (AV)                    |
| ---AW---       | ACID WASTE (AW)                   |
| ---DT---       | SUB-SOIL DRAINAGE (DT)            |
| ---IRRG---     | IRRIGATION (IRRIG)                |
| ---GRW---      | GREY WATER (GRW)                  |
| ---CA---       | COMPRESSED AIR (CA)               |
| ---CW(CITY)--- | CITY COLD WATER (CW(CITY))        |
| ---CWD---      | COLD WATER DOMESTIC (CW)          |
| ---CWR---      | COLD WATER RETURN (CWR)           |
| ---SCW---      | SOFT COLD WATER (SCW)             |
| ---GW---       | GARAGE WASTE (GW)                 |
| ---HW---       | HOT WATER DOMESTIC (HW)           |
| ---HWR---      | HOT WATER DOMESTIC RETURN (HWR)   |
| ---NG---       | NATURAL GAS (NG)                  |
| ---NPCW---     | NON-POTABLE COLD WATER (NPCW)     |
| ---OV---       | OIL VENT (OV)                     |
| ---PD---       | PUMP DISCHARGE (PD)               |
| ---PW---       | PURE WATER (PW)                   |
| ---SAN---      | SANITARY (SAN)                    |
| ---ST---       | STORM (ST)                        |
| ---STO---      | STORM OVERFLOW (STO)              |
| ---UG---       | UNDERGROUND PIPING                |
| ---V---        | VENT (V)                          |

PLUMBING EQUIPMENT:

|  |                                                       |
|--|-------------------------------------------------------|
|  | SEWAGE EJECTOR (SE)                                   |
|  | BOOSTER PUMP (BP)                                     |
|  | GAS FIRED WATER HEATER - EXTERNAL STORAGE (GWH)       |
|  | GAS FIRED WATER HEATER - INTERNAL STORAGE (GWH)       |
|  | ELECTRIC WATER HEATER - INTERNAL STORAGE (EWH)        |
|  | GAS FIRED WATER HEATER - TANKLESS (GWH)               |
|  | WATER METER                                           |
|  | SEPARATOR/INTERCEPTOR (SEE SCHEDULE FOR ABBREVIATION) |
|  | RECIRCULATION PUMP                                    |
|  | EXPANSION TANK (ET)                                   |
|  | SUMP PUMP (SP)                                        |
|  | BACK WATER VALVE (BW)                                 |

PLUMBING TAGS:

|  |                           |
|--|---------------------------|
|  | MARK                      |
|  | PLUMBING EQUIPMENT TAG    |
|  | RISER TAG                 |
|  | PIPE SIZE                 |
|  | PIPE DIMENSION TAG        |
|  | SYSTEM ABBREVIATION       |
|  | POINT OF NEW CONNECTION   |
|  | POINT OF DISCONNECTION    |
|  | VIEW NUMBER REFERENCE TAG |
|  | SHEET NUMBER              |

GENERAL:

|  |                             |
|--|-----------------------------|
|  | REFERENCE NOTE SYMBOL       |
|  | DETAIL NUMBER               |
|  | BUILDING SECTION            |
|  | SHEET NUMBER                |
|  | DETAIL NUMBER               |
|  | BUILDING ELEVATION          |
|  | SHEET NUMBER                |
|  | DETAIL NUMBER               |
|  | CALLOUT BOUNDARY            |
|  | SHEET NUMBER                |
|  | DETAIL NUMBER               |
|  | VIEW REFERENCE CALLOUT      |
|  | SHEET NUMBER                |
|  | MOUNTING HEIGHT DESIGNATION |

PLUMBING GENERAL NOTES:

- THE FOLLOWING NOTES APPLY TO THE FULL SET OF PLUMBING DRAWINGS AND SPECIFICATIONS INCLUDING ADDENDA, CHANGE ORDERS, BULLETINS AND ARCHITECTURAL SUPPLEMENTARY INSTRUCTIONS.
- THE DRAWINGS INDICATE DIAGMATICALLY THE EXTENT AND LOCATION OF THE WORK. FURTHER DETAIL OF THE WORK THAT IS REQUIRED FOR A COMPLETE INSTALLATION, WHICH IS NOT SHOWN BECAUSE OF DRAWING SCALE, SHALL BE INCLUDED IN BASE BID.
- FOR ADDITIONAL DETAILS, CONSULT THE ARCHITECTURAL DRAWINGS, OTHER ENGINEERING DRAWINGS, OWNER FURNISHED DRAWINGS AND OTHER OWNER FURNISHED DOCUMENTATION.
- ALL PERMITS, LICENSES, APPROVALS AND OTHER ARRANGEMENTS FOR THE WORK SHALL BE INCLUDED WITH THE BASE BID. THIS INCLUDES PLAN REVIEW FEE FOR ALL BACKFLOW PREVENTERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING PLUMBING WORK WITH THE WORK OF OTHER TRADES. PROVIDE OFFSETS TO ALL PIPING AS REQUIRED WHETHER SHOWN OR NOT.
- ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES. THESE CODES SHALL BE FOLLOWED AS A MINIMUM. HIGHER GRADES OF MATERIAL AND WORKMANSHIP SHALL BE PROVIDED WHERE REQUIRED.
- PROVIDE HOLES, SLEEVES, FIRE STOPPING AND PATCHING FOR THE INSTALLATION OF THE PLUMBING WORK.
- ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E 1070 APPROVED MIXING VALVE TO SUPPLY A MAX OF 110 DEGREE HOT WATER IN ORDER TO ENSURE SCOLDING WILL NOT OCCUR.
- ON ALL FLUSH VALVE OPERATED PLUMBING FIXTURES PROVIDE WATER HAMMER ARRESTERS ON COLD WATER LINE PRIOR TO CONNECTION TO FIXTURE TO ABSORB SHOCK DURING FLUSHING.
- ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTM E84 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
- MANUFACTURER AND PRODUCT SELECTION: THE DRAWINGS AND SPECIFICATIONS INDICATE SIZES, PROFILES, AND DIMENSIONAL REQUIREMENTS OF MATERIAL AND SPECIFIC PRODUCTS. MANUFACTURERS OF PRODUCTS HAVING EQUIVALENT PERFORMANCE CHARACTERISTICS HAVE BEEN LISTED IN THE SPECIFICATION. THE USE OF ANY OF THESE EQUIVALENT PRODUCTS SHALL REQUIRE THAT THE CONTRACTOR IDENTIFY MODIFICATIONS TO ACCOMMODATE VARIATIONS IN CHARACTERISTICS, SUCH AS WEIGHTS, CONNECTIONS, SIZES, AND DIMENSIONS. THE RESPONSIBILITY FOR MODIFICATIONS TO MECHANICAL, STRUCTURAL, ELECTRICAL, OR OTHER PLUMBING SYSTEMS, OR TO ACCOMMODATE CODES SHALL BE WITH THE CONTRACTOR. COSTS RESULTING FROM THE USE OF THESE EQUIVALENT PRODUCTS SHALL BE INCLUDED WITH THE BASE BID.

PLUMBING INSULATION NOTES:

DOMESTIC COLD WATER ABOVE GRADE: LIGHT DENSITY, FIBERGLASS PIPE INSULATION, 1/2" THICK, WITH VAPOR BARRIER JACKET.

DOMESTIC HOT WATER-ABOVE GRADE: LIGHT DENSITY, FIBERGLASS PIPE INSULATION, 1" THICK, WITH GLASS CLOTH JACKET.

AT CONTRACTOR'S OPTION FIBERGLASS SNAP ON INSULATION WITH FOAM VAPOR BARRIER MAY BE SUBSTITUTED FOR ABOVE.

PIPING TO BE INSULATED ACCORDING TO 2024 INTERNATIONAL ENERGY CONSERVATION CODE. ANY NEW WATER PIPING SHALL BE INSULATED TO A MINIMUM OF R-3.

|           |             |      |
|-----------|-------------|------|
| SIGNATURE |             |      |
| DATE      |             |      |
| REVISIONS |             |      |
| NO        | DESCRIPTION | DATE |
|           |             |      |
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| PROJECT NUMBER | 226025.00  |
| DATE OF ISSUE  | 10/19/2026 |
| DRAWN BY       | RK         |
| REVIEWED BY    | MB         |

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P-101  
BIDDING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |   |   |   |   |   |   |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                        |    |    |    |    |    |    |    |    |    |    |  |
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| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14                                                                                                                                                                                                                                                                                                                                                     | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |
| MECHANICAL ABBREVIATIONS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEM ABBREVIATIONS:                                                                                                                                                                                                                                                                                                                             |    |    |    |    |    |    |    |    |    |    |  |
| AC<br>ACH<br>AF<br>AHU<br>APD<br>BAS<br>BHP<br>BTU<br>BTU/H<br>CC<br>CF<br>CFH<br>CFM<br>CH<br>CO<br>CT<br>CU<br>CUH<br>CV<br>DAT<br>DB<br>DDC<br>DH<br>DX<br>EAT<br>EER<br>EF<br>ESP<br>ET<br>EWT<br>FA<br>FC<br>FD<br>FH<br>FPB<br>FPM<br>FPS<br>FS<br>FSD<br>GA<br>GAL<br>GPH<br>GPM<br>H<br>HC<br>HD<br>HEPA<br>HP<br>HR<br>HUM<br>HX<br>HZ<br>IN W.C.<br>IN W.G.<br>KW<br>KWH<br>LAT<br>LBS<br>LWT<br>MBH<br>NC<br>NK<br>NO<br>P<br>PA<br>PH<br>PRV<br>PSIA<br>PSIG<br>RF<br>RH<br>RHC<br>RO<br>RPM<br>SAT<br>SD<br>SF<br>SPS<br>T<br>TD<br>TO<br>UC<br>UH<br>VAV<br>VD<br>VFD<br>VSD<br>VTR<br>W<br>WB<br>WC<br>WPD |   |   |   |   |   |   |   |    |    |    |    | CA<br>CV<br>EA-II<br>EA-CH<br>EA-D<br>EA<br>EA-K1<br>EA-K2<br>OA<br>RA<br>SA<br>COMBUSTION AIR<br>COMBUSTION VENT<br>EXHAUST AIR - AIRBORNE<br>INFECTIOUS ISOLATION<br>EXHAUST AIR - CHEMICAL<br>EXHAUST AIR - DRYER<br>EXHAUST AIR - ENVIRONMENTAL<br>TYPE 1 - KITCHEN EXHAUST<br>TYPE 2 - KITCHEN EXHAUST<br>OUTDOOR AIR<br>RETURN AIR<br>SUPPLY AIR |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |
| DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    | DUCT SYSTEMS:                                                                                                                                                                                                                                                                                                                                          |    |    |    |    |    |    |    |    |    |    |  |

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DRAWN BY RK  
REVIEWED BY MB

MECHANICAL LEGEND - PHASE 2

M-000  
BIDDING



ELECTRICAL ABBREVIATIONS:

|        |                                          |
|--------|------------------------------------------|
| A      | AMPS                                     |
| A/E    | ARCHITECT/ENGINEER                       |
| ABV    | ABOVE                                    |
| ACP    | ABOVE COUNTER                            |
| ACP    | ACCESS CONTROL PANEL                     |
| ACPS   | ACCESS CONTROL POWER SUPPLY              |
| ACS    | ACCESS CONTROL SYSTEM                    |
| AF     | AMP FRAME                                |
| AFB    | ABOVE FINISHED FLOOR                     |
| AFG    | ABOVE FINISHED GRADE                     |
| AC     | AVAILABLE INTERRUPTING CURRENT           |
| ALT    | ALTERNATE                                |
| ALT SW | ALTERNATOR SWITCH                        |
| ARCH   | ARCHITECT                                |
| ATS    | AUTO TRANSFER SWITCH                     |
| AV     | AUDIO-VISUAL                             |
| BC     | BELOW COUNTER                            |
| BFG    | BELOW FINAL GRADE                        |
| BKR    | BREAKER                                  |
| BLDG   | BUILDING                                 |
| BOL    | BUILT IN OVERLOAD                        |
| BPC    | BOLTED PRESSURE CONTACT SWITCH           |
| CATV   | CABLE TELEVISION                         |
| CB     | CIRCUIT BREAKER                          |
| CCTV   | CLOSED CIRCUIT TELEVISION                |
| CKT    | CIRCUIT                                  |
| CLG    | CEILING                                  |
| CP     | CONTROL PANEL                            |
| CS     | COMBINATION STARTER                      |
| CT     | CURRENT TRANSFORMER                      |
| CTRL   | CONTROLLER                               |
| DE     | DUAL ELEMENT FUSES                       |
| DIR    | DIRECT                                   |
| DISC   | DISCONNECT                               |
| DN     | DOWN                                     |
| EC     | ELECTRICAL CONTRACTOR                    |
| ELEV   | ELEVATION REFERENCE                      |
| EM     | EMERGENCY                                |
| EMT    | ELECTRIC METALLIC TUBING                 |
| ENT    | ELECTRICAL NON-METALLIC TUBING           |
| EOL    | END OF LINE RESISTOR                     |
| EXP    | EXPLOSION PROOF                          |
| EWP    | EQUIPMENT                                |
| F      | FUSE                                     |
| FAFP   | FIRE ALARM ANNUNCIATOR PANEL             |
| FAC    | FIRE ALARM CABINET                       |
| FACP   | FIRE ALARM CONTROL PANEL                 |
| FBO    | FURNISHED BY OTHERS                      |
| FDR    | FEEDER                                   |
| FIXT   | FIXTURE                                  |
| FLA    | FULL LOAD AMPS                           |
| FLR    | FLOOR                                    |
| FLUOR  | FLUORESCENT                              |
| FS     | FLOW SWITCH                              |
| FVNR   | FULL VOLTAGE NON-REVERSING               |
| GC     | GENERAL CONTRACTOR                       |
| GFI    | GROUND FAULT INTERRUPTER                 |
| GRC    | GALVANIZED RIGID CONDUIT                 |
| GRD    | GROUND                                   |
| GYP    | GYPSUM BOARD                             |
| HID    | HIGH INTENSITY DISCHARGE                 |
| HOA    | HAND-OFF-AUTO SWITCH                     |
| HP     | HORSEPOWER                               |
| HPS    | HIGH PRESSURE SODIUM                     |
| HV     | HIGH VOLTAGE                             |
| HVAC   | HEATING & VENTILATING - AIR CONDITIONING |
| HVC    | HEATING VENTILATING CONTRACTOR           |
| HW     | HEAVYWALL                                |
| ICP    | INTERCOM CONTROL PANEL                   |
| ICPS   | INTERCOM POWER SUPPLY                    |
| ID     | INDIRECT                                 |
| IDF    | INTERMEDIATE DISTRIBUTION FRAME          |
| IL     | INTERLOCK                                |
| IMC    | INTERMEDIATE METAL CONDUIT               |
| INC    | INCANDESCENT                             |
| IU     | IN UNIT                                  |
| J-BOX  | JUNCTION BOX                             |
| LOP    | LIGHTING CONTROL PANEL                   |
| LG     | LAY-IN GRID                              |
| LTG    | LIGHTING                                 |
| LV     | LOW VOLTAGE                              |
| LVT    | LINE VOLTAGE THERMOSTAT                  |
| MAG    | MAGNETIC STARTER                         |
| MAN    | MANUAL STARTER                           |
| MCC    | MOTOR CONTROL CENTER                     |
| MDF    | MAIN DISTRIBUTION FRAME                  |
| MDF    | MAIN DISTRIBUTION PANEL                  |
| MFR    | MANUFACTURER                             |
| MLO    | MAIN LUGS ONLY                           |
| MSB    | MAIN SWITCHBOARD                         |
| MTD    | MOUNTED                                  |
| NIC    | NOT IN CONTRACT                          |
| NU     | NEAR UNIT                                |
| OU     | ON UNIT                                  |
| P      | POLE                                     |
| PB     | PUSH BUTTON                              |
| PC     | PHOTO CONTROL                            |
| PCP    | PAGING CONTROL PANEL                     |
| PCPS   | PAGING CONTROL POWER SUPPLY              |
| PE SW  | PNEUMATIC SWITCH                         |
| PEND   | PENDANT                                  |
| PLBG   | PLUMBING CONTRACTOR                      |
| PNL    | PANEL                                    |
| R      | RELAY                                    |
| REC    | RECESS                                   |
| RECEPT | RECEPTACLE                               |
| RM     | ROOM                                     |
| RVS    | REDUCED VOLTAGE STARTING                 |
| S      | SPLINE                                   |
| SDB    | SUB-DISTRIBUTION BOARD                   |
| SEL SW | SELECTOR SWITCH                          |
| SP SW  | SPEED SWITCH                             |
| SURF   | SURFACE                                  |
| SW     | SWITCH                                   |
| T-STAT | THERMOSTAT                               |
| TC     | TIME CLOCK                               |
| TCC    | TEMPERATURE CONTROL CONTRACTOR           |
| TOP    | TEMPERATURE CONTROL PANEL                |
| TS     | TAMPER SWITCH                            |
| TYP    | TYPICAL                                  |
| UG     | UNDERGROUND                              |
| UNV    | UNIVERSAL                                |
| UVS    | UNIT SUBSTATION                          |
| VS     | VIDEO SURVEILLANCE                       |
| WPR    | WEATHERPROOF                             |
| WTR    | WATER                                    |

RENOVATION LEGEND:

|      |                                                                     |
|------|---------------------------------------------------------------------|
| <E>  | EXISTING TO REMAIN                                                  |
| <EO> | EXISTING DEVICE TO REMAIN, NEW CIRCUIT AS INDICATED                 |
| <ED> | EXISTING LOCATION, NEW DEVICE OR EQUIPMENT TO BE INSTALLED IN PLACE |
| <EL> | EXISTING LIGHT FIXTURE TO REMAIN, NEW LAMPING AS INDICATED          |
| <ER> | EXISTING TO BE RELOCATED                                            |
| <EO> | EXISTING TO BE REMOVED                                              |
| <EN> | EXISTING IN NEW LOCATION                                            |
| <N>  | NEW                                                                 |
| <RA> | REMAIN AS IS                                                        |

SYMBOL LIST NOTE:

MOUNTING HEIGHTS FOR DEVICES AND EQUIPMENT TO BE MEASURED FROM FLOOR TO CENTERLINE OF DEVICE. DEVICES EXTENDING GREATER THAN 4" FROM THE WALL SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 80" AFF TO BOTTOM OF DEVICE.

PANELS:

ELECTRICAL PANEL - SURFACE / RECESSED

EQUIPMENT CABINETS:

WITHOUT DOOR - SURFACE / RECESSED

WITH DOOR - SURFACE / RECESSED

DENOTES THE FOLLOWING

- (BAPF) BIDIRECTIONAL AMPLIFIER PANEL (2 WAY COMM)
- (ERP) ELEVATOR RECALL PANEL
- (ESP) ELEVATOR STATUS PANEL
- (FAPF) FIRE ALARM ANNUNCIATOR PANEL
- (FACP) FIRE ALARM CONTROL PANEL
- (GAP) GENERATOR ANNUNCIATOR PANEL
- (HPCP) HOSPITAL PAGING CONTROL PANEL
- (LCP) LIGHTING CONTROL PANEL
- (MPCP) MUSIC SYSTEM CONTROL PANEL
- (NACP) FIRE ALARM NOTIFICATION ON APPLIANCE CIRCUIT - CONTROL PANEL
- (NCCP) NURSE CALL CONTROL PANEL
- (PACP) RESCUE ASSISTANCE CONTROL PANEL
- (SACP) SECURITY ACCESS CONTROL PANEL
- (SCP) SMOKE CONTROL PANEL
- (SMCP) SOUND MASKING CONTROL PANEL

POWER:

SIMPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

DUPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

XXX DENOTES THE RECEPTACLE TYPE OR EQUIPMENT SERVED

- (AF) ARC FLASH (AFCI)
- (CL) CLOCK RECEPTACLE
- (CM) COFFEE MAKER
- (D) DEDICATED CIRCUIT
- (DD) DOUBLE DUPLEX
- (FZ) FREEZER
- (ICE) ICE MAKER
- (MW) MICROWAVE
- (REF) REFRIGERATOR
- (TR) TAMPER RESISTANT
- (TV) MOUNTED ADJACENT TO TELEVISION
- (UCR) UNDER CABINET REFRIGERATOR
- (WP) WEATHERPROOF WITH GFI RECEPTACLE

X DENOTES CIRCUIT NUMBER (SEE PANEL BOUNDARIES)

DUPLEX RECEPTACLE - ISOLATED GROUND - MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE

DUPLEX RECEPTACLE - GFCI (INDICATED BY CENTER HATCH) - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

DUPLEX RECEPTACLE - GFCI - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPASH WHERE PRESENT

DUPLEX RECEPTACLE - SWITCHED TOP HALF - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

DUPLEX RECEPTACLE - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPASH WHERE PRESENT

DUPLEX RECEPTACLE - CEILING MOUNTED

DUPLEX RECEPTACLE - FURNITURE MOUNT

NON NEMA 5-20R RECEPTACLE

QUADRUPLX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

QUADRUPLX RECEPTACLE - GFCI (INDICATED BY CENTER HATCH) - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

QUADRUPLX RECEPTACLE - SWITCHED TOP HALF - MOUNTED 18" AFF UNLESS NOTED OTHERWISE

QUADRUPLX RECEPTACLE - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPASH WHERE PRESENT

QUADRUPLX RECEPTACLE - CEILING MOUNTED

QUADRUPLX RECEPTACLE - FURNITURE MOUNT

QUADRUPLX RECEPTACLE - ISOLATED GROUND

SPECIAL OUTLET (SEE SCHEDULE), WALL / CEILING OR FLOOR MOUNTED

FLOOR MOUNTED ELECTRICAL BOX (SEE SCHEDULE FOR DEVICES REQUIRED)

X DENOTES CIRCUIT NUMBER (SEE PANEL BOUNDARIES) - TYPICAL

X INDICATES DEVICE TYPE (SEE SCHEDULE)

POWER POLE X DENOTES DEVICE TYPE AND INCLUDED RECEPTABLES

DISCONNECT SWITCH

FUSED DISCONNECT SWITCH

MOTOR STARTER

METER SOCKET

TRANSFORMER, WALL / FLOOR MOUNTED

INDICATES TRANSFORMER MOUNTED ON EQUIPMENT PAD

JUNCTION BOX WITH WHIP FOR FURNITURE FEED

JUNCTION BOX

PULL BOX

LIGHTNING PROTECTION SYSTEM

XXX DENOTES THE FOLLOWING

- (ATH) AIR TERMINAL ROOF DECK
- (ATV) AIR TERMINAL PARAPET
- (GRD) GROUND TO DOWN CONDUCTOR
- (GRS) GROUND TO BUILDING STEEL
- (RPO) ROOF PENETRATION TO DOWN CONDUCTOR
- (RPS) ROOF PENETRATION TO BUILDING STEEL

PUSHBUTTON SWITCH - MOUNT AT 44" AFF UNLESS NOTED OTHERWISE

XXX DENOTES THE FOLLOWING

- (C) COMPUTER DROP OUT
- (D) DOOR BELL STATION
- (EPO) EMERGENCY - POWER OFF STATION
- (ES) EQUIPMENT SHUTDOWN
- (F) FAN SHUTDOWN

AUTOMATIC DOOR OPERATOR (SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT)

GROUND MODULE

GROUND ROD

EQUIPMENT TAG

MOTOR CONNECTION

CONDUCTOR QUANTITY IN RACEWAY, NUMBERS INDICATE WIRE SIZES (AWG)

INDICATES PHASE CONDUCTOR

INDICATES NEUTRAL CONDUCTOR

INDICATES GREEN GROUND CONDUCTOR

LIGHTING:

NOTE: SHADING ANY OF THE LIGHTING FIXTURE INDICATES UNIT IS WIRED TO AN EMERGENCY OR NIGHT LIGHTING CIRCUIT.

CEILING MOUNTED FIXTURE - SURFACE / RECESSED

FIXTURE DESIGNATION (SEE SCHEDULE)

SWITCH LEG, NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR

SWITCHING DEVICE, NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR

SENSOR, (R) CIRCUIT SWITCHED VIA RELAY IN RELAY CABINET CIRCUIT NUMBER (SEE PANEL BOUNDARIES)

ILLUMINATED DOME FIXTURE - RECESSED

STRIP LIGHT FIXTURE

LINEAR WALL MOUNTED FIXTURE

TRACK LIGHT FIXTURE - SPOT LIGHT / PENDANT

CEILING MOUNTED DOWNLIGHT FIXTURE - SURFACE / RECESSED

CEILING MOUNTED DOWNLIGHT FIXTURE - WALL WASH - SURFACE / RECESSED

POLE MOUNTED FIXTURE

WALL MOUNTED FIXTURE - SURFACE / RECESSED

GROUND MOUNTED FIXTURE - BOLLARD / FLOOD OR ACCENT

EXIT LIGHT - WALL MOUNTED / CEILING MOUNTED

PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLAN

EMERGENCY BATTERY POWER SPOT ILLUMINATION UNIT - DUAL HEAD LIGHT - WALL MOUNT 12" BELOW CEILING UNLESS NOTED OTHERWISE

BATTERY PACK REMOTE HEAD SPOT ILLUMINATION UNIT

SWITCHING DEVICES:

NOTE: ALL SWITCHING DEVICES SHALL BE MOUNTED AT 44" AFF, UNLESS OTHERWISE NOTED.

SINGLE POLE TOGGLE SWITCH

XX DENOTES THE FOLLOWING

- (2) DOUBLE POLE
- (3) 3 WAY
- (4) 4 WAY
- (DLS) DUAL LEVEL SWITCHING
- (K) KEY OPERATED
- (P) WITH PILOT LIGHT INDICATION
- (T) TIMER SWITCH

X DENOTES SWITCH DESIGNATION (LOWER CASE)

DIMMER SWITCH

MOMENTARY CONTACT SWITCH

SURGICAL LIGHT CONTROL

DAYLIGHT SENSOR X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

MOTION DETECTOR

OCCUPANCY SENSOR, X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

VACANCY SENSOR, X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

CONTACTOR, X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

DIMMING SYSTEM CONTROL, STATION, X DENOTES STATION IDENTIFIER (SEE SCHEDULE)

LOW VOLTAGE SWITCH STATION, X DENOTES STATION IDENTIFIER (SEE SCHEDULE)

PHOTO-CONTROL, X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

TIME CLOCK, X DENOTES SPECIFIC UNIT (SEE SCHEDULE)

POWER PACK

TECHNOLOGY:

REFER TO TECHNOLOGY OUTLET SCHEDULE FOR DEVICE REQUIREMENTS

# DENOTES QUANTITY

X DENOTES DEVICE TYPE (SEE SCHEDULE)

TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES, 4" ABOVE COUNTER/COUNTER BACKSPASH WHERE PRESENT

TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES, 18" AFF UNLESS NOTED OTHERWISE

TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES, FURNITURE MOUNTED

FLOOR MOUNTED DATA BOX (SEE SCHEDULE FOR DEVICES REQUIRED)

CEILING MOUNTED DATA BOX (SEE SCHEDULE FOR DEVICES REQUIRED)

X INDICATES DEVICE TYPE (SEE SCHEDULE)

WIRELESS ACCESS POINT (REFER TO TECHNOLOGY OUTLET SCHEDULE)

SLEEVE THROUGH WALL

FIRE RATED SLEEVE THROUGH FLOOR

CONDUIT SLEEVE THROUGH FLOOR

FREE STANDING OPEN FRAME DATA CABINET, (HEAVY LINE INDICATES FRONT OF CABINET)

FREE STANDING ENCLOSED FRAME DATA CABINET, FLOOR MOUNTED / WALL MOUNTED, (HEAVY LINE INDICATES FRONT OF CABINET)

GROUND BUS BAR

LADDER RACK / CABLE TRAY

XX DENOTES TYPE:

(L) LADDER RACK

(CT) CABLE TRAY

RACK / TRAY HEIGHT

HEIGHT TO BOTTOM OF RACK / TRAY

RACK / TRAY WIDTH

TELEVISION SYSTEM

XX DENOTES THE FOLLOWING

- (C) REMOTE TELEVISION CHANNEL CHANGER
- (CT) CABLE TELEVISION OUTLET
- (CV) REMOTE TELEVISION CHANNEL CHANGER WITH VOLUME CONTROL
- (DVR) DIGITAL VIDEO RECORDER
- (MA) MASTER ANTENNA OUTLET
- (MD) MASTER ANTENNA OUTLET CEILING MOUNTED
- (MO) CLOSED CIRCUIT TELEVISION MONITOR
- (MS) MASTER ANTENNA OUTLET MOUNTED AT A SPECIAL HEIGHT EITHER INDICATED ON THE DRAWINGS OR ON ARCHITECTURAL ELEVATIONS
- (MW) MASTER ANTENNA OUTLET WALL
- (NVR) NETWORK VIDEO RECORDER

ANTENNA

ANTENNA TYPE:

- (B) BY OTHERS
- (DR) DIRECTIONAL
- (MD) MULTIDIRECTIONAL
- (OD) OMNI DIRECTIONAL
- (AC) ATOMIC CLOCK
- (AF) AM/FM RADIO
- (AR) AMBULANCE RADIO
- (AS) DISTRIBUTED ANTENNA SYSTEM
- (HR) HAM RADIO
- (RTL) REAL TIME LOCATING SERVICES
- (TS) TELEMETRY SYSTEM
- (UHF) ULTRA-HIGH FREQUENCY
- (VHF) VERY HIGH FREQUENCY

MOUNTING:

- (C) CEILING MOUNT
- (RM) NON PENETRATING ROOF MOUNT
- (TM) ANTENNA TOWER MOUNT
- (WM) WALL MOUNT

SECURITY:

DOOR HARDWARE INSTALLATION - CEILING / WALL (SEE DETAILS, ARCHITECTURAL PLANS AND SPECIFICATIONS)

XX DENOTES THE FOLLOWING

- (AA) AUTODOOR ACTUATOR (PUSH PLATE)
- (AM) AUTODOOR ACTUATOR (MOTION SENSOR)
- (AO) AUTODOOR OPERATOR
- (ED) ELECTRICAL EXITING DEVICE
- (EL) DELAYED EGRESS MODULE
- (EM) ELECTROMAGNETIC LOCK
- (ES) ELECTRICAL STRIKE
- (KS) KEY SWITCH
- (PS) POWER SUPPLY
- (PT) POWER TRANSFER HINGE
- (RL) RELAY MODULE
- (RM) SEPARATELY MOUNTED REQUEST TO EXIT MOTION SENSOR NOT ASSOCIATED WITH SECURITY SYSTEM

SECURITY, ACCESS CONTROL AND DOOR MOUNTING - CEILING / WALL

XX DENOTES THE FOLLOWING

- (BO) BIOMETRIC READER
- (CR) CARD READER
- (DR) DURESS - PUSHBUTTON
- (DO) DOOR CONTACT
- (DP) DOOR POSITION INDICATOR SWITCH
- (DR) DOOR RELEASE - PUSHBUTTON
- (EL) ELECTROMAGNETIC LOCK
- (ES) ELECTRIC STRIKE
- (GB) GLASS BREAK DETECTOR
- (KE) KEYLESS ENTRY
- (KP) KEYPAD - SECURITY SYSTEM
- (KS) KEEPER SWITCH
- (MD) MOTION SENSOR - DUAL TECHNOLOGY
- (MI) MOTION SENSOR - INFRARED
- (MO) MOTION SENSOR - ULTRASONIC
- (PB) PANIC BUTTON
- (RM) REQUEST FOR EXIT - MOTION
- (RP) REQUEST FOR EXIT - PUSH BUTTON

INTERCOM SYSTEM - CEILING / WALL

XX DENOTES THE FOLLOWING

- (MD) MASTER STATION - DESK MOUNTED
- (MW) MASTER STATION - WALL MOUNTED
- (SD) SATELLITE STATION - DESK MOUNTED
- (SM) SATELLITE STATION - WALL MOUNTED

SECURITY CAMERA - CEILING / WALL

XXXX DENOTES CAMERA NUMBER (SEE SCHEDULE)

SYSTEMS:

PAGING AND SOUND SYSTEM - CEILING / WALL

XX DENOTES THE FOLLOWING

- (CP) COMBINATION HOUSE PAGING & WIRED RADIO
- (DP) DEPARTMENTAL PAGING
- (HM) HOSPITAL MUSIC
- (HP) HOUSE PAGING
- (LM) LOCAL MUSIC
- (PM) PROCEDURE ROOM - MUSIC SYSTEM
- (PT) PROCEDURE ROOM - TWO WAY COMMUNICATION
- (SM) SOUND MASKING
- (TS) TELEVISION SOUND REINFORCEMENT SYSTEM WIRE
- (WR) RADIO

XX DENOTES THE FOLLOWING

- (CR) CEILING MOUNTED RECESSED SPEAKER
- (CS) CEILING MOUNTED SURFACE SPEAKER
- (FS) FOOT SWITCH
- (MC) MICROPHONE JACK - CEILING MOUNTED
- (MD) MICROPHONE JACK - DESK MOUNTED
- (MF) MICROPHONE JACK - FLOOR MOUNTED
- (MM) MICROPHONE JACK - WALL MOUNTED
- (RE) RE-ENTRANT TYPE HORN
- (VC) VOLUME CONTROL
- (VS) VOLUME CONTROL WITH 6 POSITION STATION SELECTOR
- (WR) WALL MOUNTED RECESSED SPEAKER
- (WS) WALL MOUNTED SURFACE SPEAKER

CLOCK SYSTEM - CEILING / WALL

XX DENOTES THE FOLLOWING

- (A1) ANALOG TYPE, 12" DIAMETER ROUND, SINGLE FACED
- (A2) ANALOG TYPE, 9" DIAMETER ROUND, SINGLE FACED
- (A3) ANALOG TYPE, 12" DIAMETER ROUND, DOUBLE FACED
- (A4) ANALOG TYPE, 9" DIAMETER ROUND, DOUBLE FACED
- (D1) DIGITAL TYPE, SINGLE FACED (HR MIN SEC)
- (D2) DIGITAL TYPE, SINGLE FACED (HR MIN)
- (EC) ELAPSED TIME CONTROLLER
- (ET) ELAPSED TIMER
- (PI) PULSE
- (RT) RECEIVER
- (TC) TIME CLOCK
- (WR) WIRELESS IP CLOCK

AREA OF RESCUE STATION - CEILING / WALL

WALL MOUNTED 44" AFF UNLESS NOTED OTHERWISE

XX DENOTES THE FOLLOWING

- (MS) MASTER STATION
- (SA) SATELLITE ASSISTANCE STATION
- (FM) FLUSH MOUNT
- (SM) SURFACE MOUNT

GENERAL:

REFERENCE NOTE SYMBOL

DETAIL NUMBER

BUILDING SECTION

SHEET NUMBER

DETAIL NUMBER

BUILDING ELEVATION

SHEET NUMBER

DETAIL NUMBER

CALLOUT BOUNDARY

SHEET NUMBER

DETAIL NUMBER

VIEW REFERENCE CALLOUT

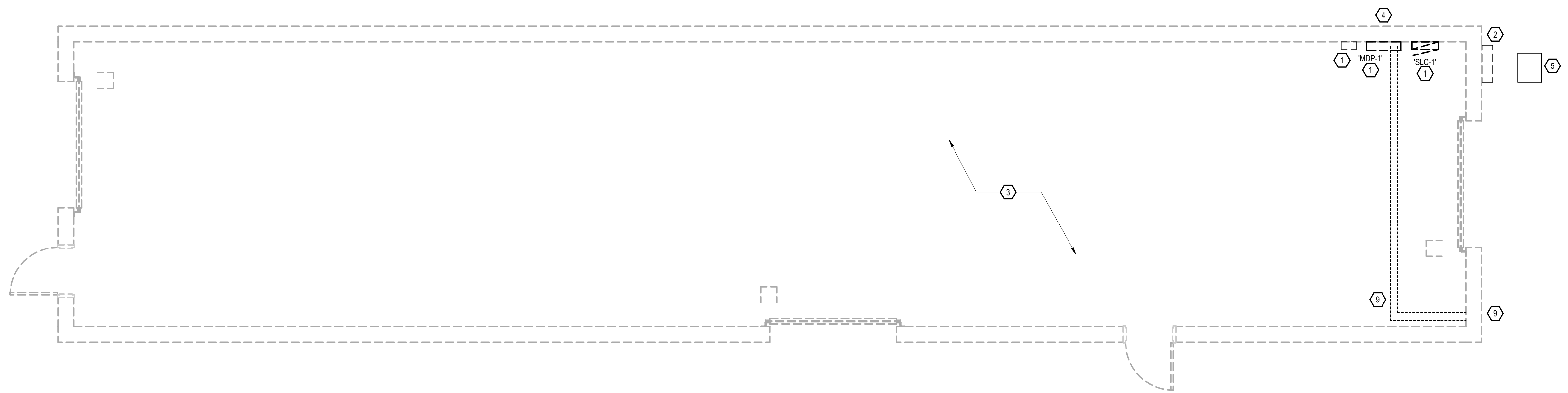
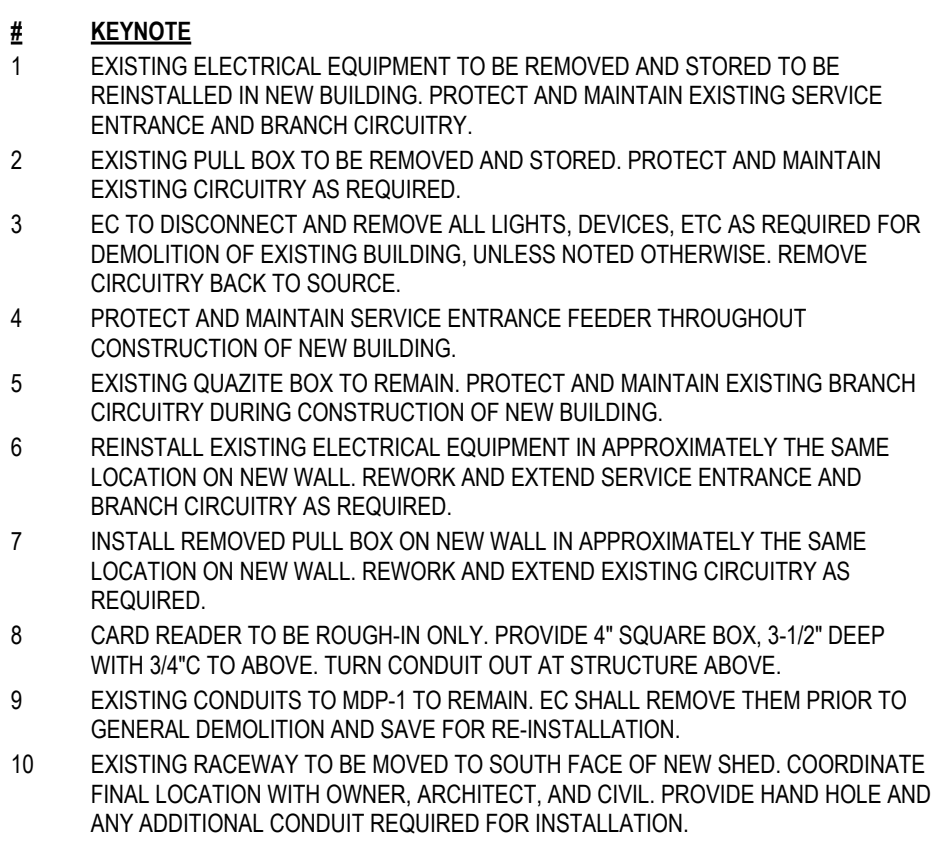
SHEET NUMBER

DETAIL NUMBER

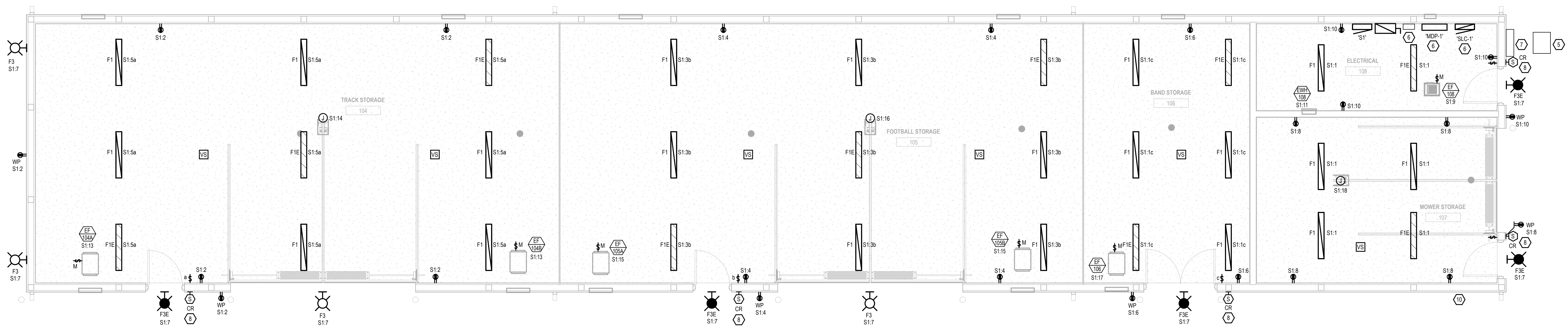
SHEET NUMBER

VIEW REFERENCE CALLOUT

SHEET NUMBER



1 ELECTRICAL DEMOLITION FIRST FLOOR PLAN - STORAGE  
E-100 1/4" = 1'-0"



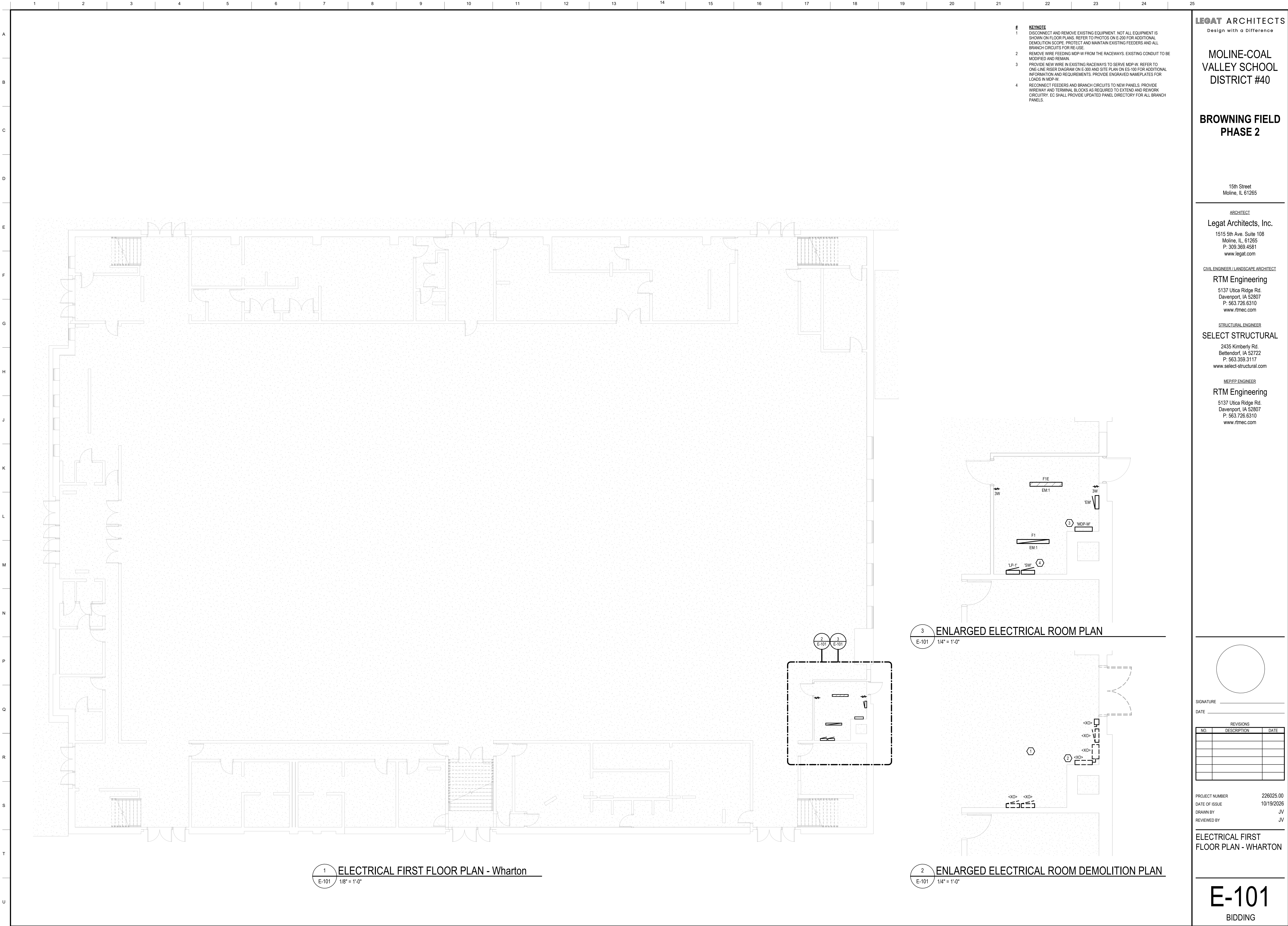
2 ELECTRICAL FIRST FLOOR PLAN - STORAGE  
E-100 1/4" = 1'-0"

[illegible]

|                |            |
|----------------|------------|
| PROJECT NUMBER | 226025.00  |
| DATE OF ISSUE  | 10/19/2026 |
| DRAWN BY       | JV         |
| REVIEWED BY    | JV         |

ELECTRICAL FIRST  
FLOOR PLAN - PHASE 2

**E-100**  
BIDDING



1  
E-101  
1/8" = 1'-0"

ELECTRICAL FIRST FLOOR PLAN - Wharton

- # KEYNOTE
- 1 DISCONNECT AND REMOVE EXISTING EQUIPMENT. NOT ALL EQUIPMENT IS SHOWN ON FLOOR PLANS. REFER TO PHOTOS ON E-200 FOR ADDITIONAL DEMOLITION SCOPE. PROTECT AND MAINTAIN EXISTING FEEDERS AND ALL BRANCH CIRCUITS FOR RE-USE.
- 2 REMOVE WIRE FEEDING MDP-W FROM THE RACEWAYS. EXISTING CONDUIT TO BE MODIFIED AND REMAIN.
- 3 PROVIDE NEW WIRE IN EXISTING RACEWAYS TO SERVE MDP-W. REFER TO ONE-LINE RISER DIAGRAM ON E-300 AND SITE PLAN ON ES-100 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE ENGRAVED NAMEPLATES FOR LOADS IN MDP-W.
- 4 RECONNECT FEEDERS AND BRANCH CIRCUITS TO NEW PANELS. PROVIDE WIREWAY AND TERMINAL BLOCKS AS REQUIRED TO EXTEND AND REWORK CIRCUITRY. EC SHALL PROVIDE UPDATED PANEL DIRECTORY FOR ALL BRANCH PANELS.

3  
E-101  
1/4" = 1'-0"

ENLARGED ELECTRICAL ROOM PLAN

2  
E-101  
1/4" = 1'-0"

ENLARGED ELECTRICAL ROOM DEMOLITION PLAN

**LEGAT ARCHITECTS**  
Design with a Difference

**MOLINE-COAL VALLEY SCHOOL DISTRICT #40**

**BROWNING FIELD PHASE 2**

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Bettendorf, IA 52722  
P: 563.399.3117  
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MEP/FP ENGINEER  
**RTM Engineering**  
5137 Utica Ridge Rd.  
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P: 563.726.6310  
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| REVISIONS |             |      |
|-----------|-------------|------|
| NO.       | DESCRIPTION | DATE |
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|           |             |      |

PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY JV  
REVIEWED BY JV

ELECTRICAL FIRST FLOOR PLAN - WHARTON

**E-101**  
BIDDING

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REMOVE EXISTING EGB. PROTECT AND MAINTAIN EXISTING FEEDER. NEW BREAKER TO BE PROVIDED IN NEW MDP-2 TO SERVE PANEL A

DISCONNECT AND REMOVE EXISTING EQUIPMENT.



EXISTING FEEDERS TO REMAIN, TYPICAL

EXISTING AUDIO EQUIPMENT TO REMAIN.

EXISTING CONDUITS TO REMAIN.

EXISTING PANEL TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROTECT AND MAINTAIN ALL FEEDERS AND BRANCH CIRCUITRY. REWORK AND EXTEND AS REQUIRED.

REMOVE EXISTING SERVICE MAST. REMOVE WIRE BACK TO UTILITY TRANSFORMER. GC TO PATCH WALLS AS REQUIRED.

EXISTING EQUIPMENT TO BE REMOVED. PROTECT AND MAINTAIN EXISTING BRANCH CIRCUITRY TO EXTEND TO NEW EQUIPMENT IN SAME LOCATION.

REMOVE EXISTING WIREWAY

REMOVE EXISTING DISCONNECT

REMOVE EXISTING LOAD CENTER. CIRCUITS TO BE TRANSFERRED TO PANEL EM. EXTEND CIRCUITRY AS REQUIRED.



EXISTING TRANSFORMER TO REMAIN



EXISTING TO REMAIN



EXISTING CONDUIT TO REMAIN. REMOVE CONDUIT AND PROVIDE ELBOWS AS REQUIRED TO CONNECT TO NEW MDP-W. GC TO PATCH WALLS AS REQUIRED.

LEGAT ARCHITECTS  
Design with a Difference

MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

BROWNING FIELD  
PHASE 2

15th Street  
Moline, IL 61265

ARCHITECT  
Legat Architects, Inc.  
1515 5th Ave. Suite 108  
Moline, IL 61265  
P: 309.369.4581  
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CIVIL ENGINEER / LANDSCAPE ARCHITECT  
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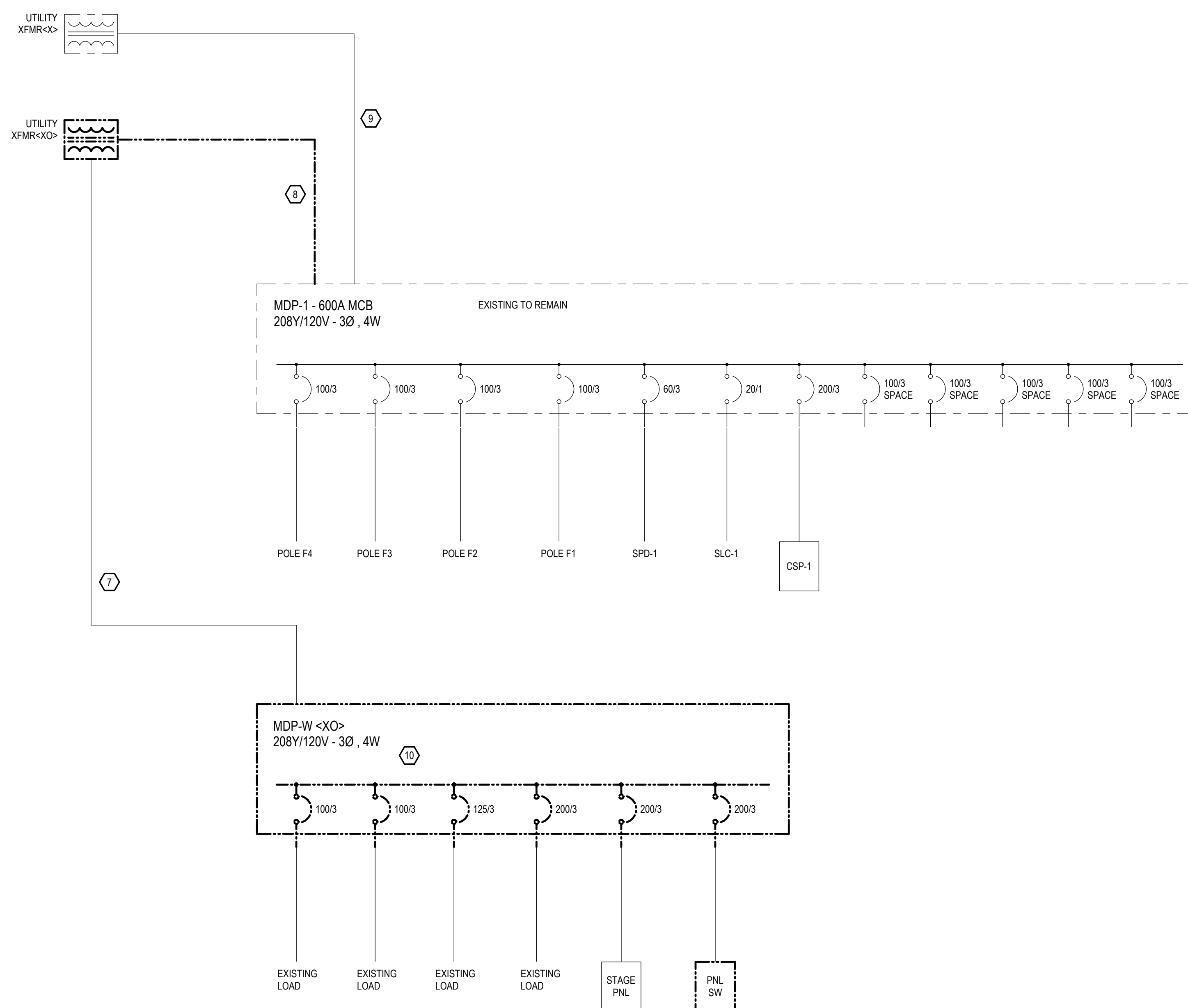
REVISIONS

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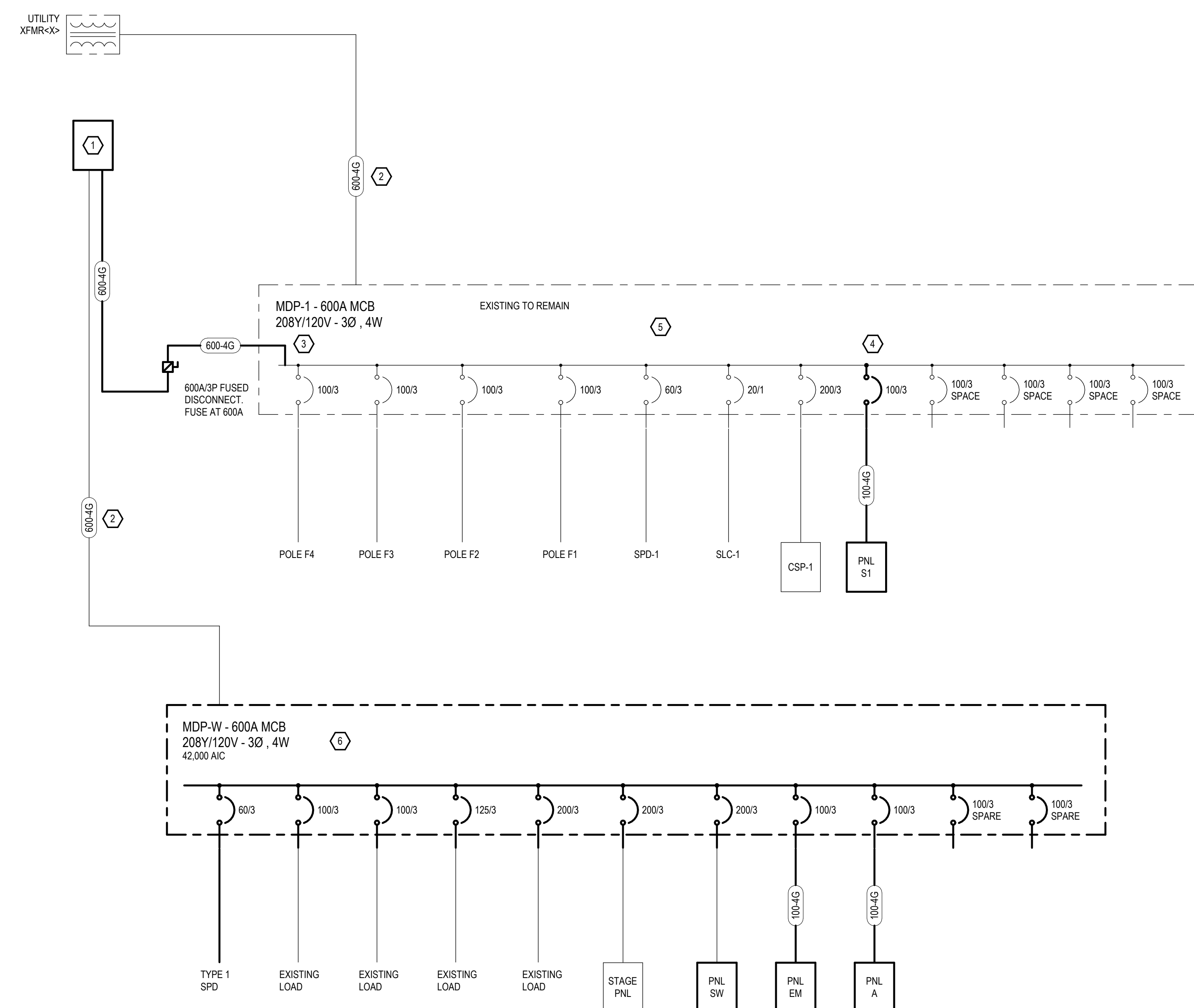
PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
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REVIEWED BY JV

ELECTRICAL PHOTOS

E-200  
BIDDING



2 ONE LINE DIAGRAM - DEMOLITION  
E-300 SCALE: N.T.S.



3 ONE LINE DIAGRAM - NEW  
E-300 SCALE: N.T.S.

**LEGAT ARCHITECTS**  
Design with a Difference

MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

**BROWNING FIELD  
PHASE 2**

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|----------------|-----------|
| PROJECT NUMBER | 226025.00 |
|----------------|-----------|

|               |            |
|---------------|------------|
| DATE OF ISSUE | 10/19/2026 |
|---------------|------------|

DRAWN BY JV

REVIEWED BY JV

## ELECTRICAL ONE LINE DIAGRAM, DETAILS, AND SCHEDULES - PHASE 2

# E-300

## BIDDING

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Branch Panel: SW

Location:  
Supply From:  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 22,000  
Mains Type: MLO  
Bus Amps: 225 A

| CB Info | CKT | Circuit Description | Amps | Trip | Poles | A           | B    | C    | Poles | Trip  | Amps | Circuit Description | CKT   | CB Info |  |
|---------|-----|---------------------|------|------|-------|-------------|------|------|-------|-------|------|---------------------|-------|---------|--|
|         | 1   | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 2     | 30 A  | --   | SPARE               | 2     |         |  |
|         | 3   | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA |       |       |      |                     | 4     |         |  |
|         | 5   | SPARE               | --   | 30 A | 2     |             |      | 0 VA | 0 VA  |       |      |                     | 6     |         |  |
|         | 7   | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 3     | 100 A | --   | SPARE               | 8     |         |  |
|         | 9   | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA |       |       |      |                     | 10    |         |  |
|         | 11  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1     | 30 A | --                  | SPARE | 12      |  |
|         | 13  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A  | --   | SPARE               | 14    |         |  |
|         | 15  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA |       | 1     | 20 A | --                  | SPARE | 16      |  |
|         | 17  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1     | 20 A | --                  | SPARE | 18      |  |
|         | 19  |                     |      |      |       |             |      |      | 1     | 50 A  | --   | SPARE               | 20    |         |  |
|         | 21  | SPARE               | --   | 50 A | 3     |             | 0 VA | 0 VA | 1     | 50 A  | --   | SPARE               | 22    |         |  |
|         | 23  |                     |      |      |       |             |      |      | 1     | 50 A  | --   | SPARE               | 24    |         |  |
|         | 25  | SPARE               | --   | 50 A | 1     | 0 VA        | 0 VA |      | 1     | 50 A  | --   | SPARE               | 26    |         |  |
|         | 27  | SPARE               | --   | 50 A | 1     |             | 0 VA | 0 VA | 1     | 50 A  | --   | SPARE               | 28    |         |  |
|         | 29  | SPARE               | --   | 50 A | 1     |             |      | 0 VA | 0 VA  | 1     | 50 A | --                  | SPARE | 30      |  |
|         | 31  | SPARE               | --   | 40 A | 2     | 0 VA        | 0 VA |      | 2     | 40 A  | --   | SPARE               | 32    |         |  |
|         | 33  |                     |      |      |       |             | 0 VA | 0 VA |       |       |      |                     | 34    |         |  |
|         | 35  | SPARE               | --   | 40 A | 2     |             |      | 0 VA | 0 VA  | 2     | 40 A | --                  | SPARE | 36      |  |
|         | 37  |                     |      |      |       |             |      |      | 2     | 40 A  | --   | SPARE               | 38    |         |  |
|         | 39  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA |       |       |      |                     | 40    |         |  |
|         | 41  | SPARE               | --   | 15 A | 1     |             |      | 0 VA | 0 VA  | 2     | 20 A | --                  | SPARE | 42      |  |
|         | 43  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A  | --   | SPARE               | 44    |         |  |
|         | 45  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A  | --   | SPARE               | 46    |         |  |
|         | 47  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1     | 20 A | --                  | SPARE | 48      |  |
|         | 49  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A  | --   | SPARE               | 50    |         |  |
|         | 51  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A  | --   | SPARE               | 52    |         |  |
|         | 53  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1     | 20 A | --                  | SPARE | 54      |  |
|         |     |                     |      |      |       | Total Load: | 0 VA | 0 VA | 0 VA  |       |      |                     |       |         |  |
|         |     |                     |      |      |       | Total Amps: | 0 A  | 0 A  | 0 A   |       |      |                     |       |         |  |

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING  
S = SHUNT TRIP  
L = LOCK OUT  
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:  
MLO = MAIN LUGS ONLY  
CB = CIRCUIT BREAKER  
CKT = CIRCUIT

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals            |
|---------------------|----------------|---------------|------------------|-------------------------|
|                     |                |               |                  | Total Conn. Load: 0 VA  |
|                     |                |               |                  | Total Est. Demand: 0 VA |
|                     |                |               |                  | Total Conn.: 0 A        |
|                     |                |               |                  | Total Est. Demand: 0 A  |

Notes:

1) TRANSFER LOADS FROM REMOVED PANEL SW. REWORK AND EXTEND CIRCUITRY AS REQUIRED. VERIFY ALL BREAKERS PRIOR TO ORDERING EQUIPMENT.

Branch Panel: LP-1

Location:  
Supply From:  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating:  
Mains Type: MLO  
Bus Amps: 100 A

| CB Info | CKT | Circuit Description | Amps | Trip | Poles | A           | B    | C    | Poles | Trip | Amps | Circuit Description | CKT   | CB Info |  |
|---------|-----|---------------------|------|------|-------|-------------|------|------|-------|------|------|---------------------|-------|---------|--|
|         | 1   | SPARE               | --   | 50 A | 2     | 0 VA        | 0 VA |      | 2     | 30 A | --   | SPARE               | 2     |         |  |
|         | 3   |                     |      |      |       |             |      |      |       |      |      |                     | 4     |         |  |
|         | 5   | SPARE               | --   | 40 A | 2     | 0 VA        | 0 VA |      | 2     | 30 A | --   | SPARE               | 6     |         |  |
|         | 9   | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A | --   | SPARE               | 10    |         |  |
|         | 11  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 12      |  |
|         | 13  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A | --   | SPARE               | 14    |         |  |
|         | 15  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A | --   | SPARE               | 16    |         |  |
|         | 17  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 18      |  |
|         | 19  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A | --   | SPARE               | 20    |         |  |
|         | 21  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A | --   | SPARE               | 22    |         |  |
|         | 23  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 24      |  |
|         | 25  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA |      | 1     | 20 A | --   | SPARE               | 26    |         |  |
|         | 27  | SPARE               | --   | 20 A | 1     |             | 0 VA | 0 VA | 1     | 20 A | --   | SPARE               | 28    |         |  |
|         | 29  | SPARE               | --   | 20 A | 1     |             |      | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 30      |  |
|         |     |                     |      |      |       | Total Load: | 0 VA | 0 VA | 0 VA  |      |      |                     |       |         |  |
|         |     |                     |      |      |       | Total Amps: | 0 A  | 0 A  | 0 A   |      |      |                     |       |         |  |

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING  
S = SHUNT TRIP  
L = LOCK OUT  
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:  
MLO = MAIN LUGS ONLY  
CB = CIRCUIT BREAKER  
CKT = CIRCUIT

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals            |
|---------------------|----------------|---------------|------------------|-------------------------|
|                     |                |               |                  | Total Conn. Load: 0 VA  |
|                     |                |               |                  | Total Est. Demand: 0 VA |
|                     |                |               |                  | Total Conn.: 0 A        |
|                     |                |               |                  | Total Est. Demand: 0 A  |

Notes:

1) TRANSFER LOADS FROM REMOVED PANEL LP-1. REWORK AND EXTEND CIRCUITRY AS REQUIRED. VERIFY ALL BREAKERS PRIOR TO ORDERING EQUIPMENT.

Branch Panel: S1

Location: ELECTRICAL 108  
Supply From:  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 42,000  
Mains Type: MLO  
Bus Amps: 100 A

| CB Info | CKT | Circuit Description | Amps   | Trip | Poles | A           | B       | C       | Poles   | Trip | Amps  | Circuit Description | CKT   | CB Info |  |
|---------|-----|---------------------|--------|------|-------|-------------|---------|---------|---------|------|-------|---------------------|-------|---------|--|
|         | 1   | LIGHTING            | 23.5 A | 20 A | 1     | 300 VA      | 1080 VA |         | 1       | 20 A | 9 A   | POWER               | 2     |         |  |
|         | 3   | LIGHTING            | 1.88   | 20 A | 1     |             | 225 VA  | 900 VA  |         | 1    | 20 A  | 17.5 A              | POWER | 4       |  |
|         | 5   | LIGHTING            | 1.88   | 20 A | 1     |             |         | 225 VA  | 540 VA  | 1    | 20 A  | 4.5 A               | POWER | 6       |  |
|         | 7   | LIGHTING            | 113.3  | 20 A | 1     | 135 VA      | 900 VA  |         | 1       | 20 A | 7.5 A | POWER               | 8     |         |  |
|         | 9   | OTHER               | 0 A    | 20 A | 1     |             | 0 VA    | 720 VA  |         | 1    | 20 A  | 6 A                 | POWER | 10      |  |
|         | 11  | HVAC                | 0 A    | 20 A | 1     |             |         | 0 VA    |         |      |       |                     | 12    |         |  |
|         | 13  | EF-104A, 104B       | 0 A    | 15 A | 1     | 0 VA        | 500 VA  |         | 1       | 20 A | 4.17  | POWER               | 14    |         |  |
|         | 15  | EF-105A, 105B       | 0 A    | 15 A | 1     |             | 0 VA    | 500 VA  | 1       | 20 A | 4.17  | POWER               | 16    |         |  |
|         | 17  | EF-106              | 0 A    | 15 A | 1     |             |         | 0 VA    | 500 VA  | 1    | 20 A  | 4.17                | POWER | 18      |  |
|         |     |                     |        |      |       | Total Load: | 2915 VA | 2345 VA | 1265 VA |      |       |                     |       |         |  |
|         |     |                     |        |      |       | Total Amps: | 26 A    | 21 A    | 11 A    |      |       |                     |       |         |  |

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING  
S = SHUNT TRIP  
L = LOCK OUT  
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:  
MLO = MAIN LUGS ONLY  
CB = CIRCUIT BREAKER  
CKT = CIRCUIT

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals               |
|---------------------|----------------|---------------|------------------|----------------------------|
| HVAC                | 0 VA           | 0.00%         | 0 VA             | Total Conn. Load: 6525 VA  |
| Other               | 0 VA           | 0.00%         | 0 VA             |                            |
| Power               | 5640 VA        | 100.00%       | 5640 VA          | Total Est. Demand: 6525 VA |
| Lighting            | 885 VA         | 100.00%       | 885 VA           | Total Conn.: 18 A          |
|                     |                |               |                  | Total Est. Demand: 18 A    |

Notes:

Branch Panel: EM

Location:  
Supply From:  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 22,000  
Mains Type: MLO  
Bus Amps: 100 A

| CB Info | CKT | Circuit Description | Amps | Trip | Poles | A           | B     | C    | Poles | Trip | Amps | Circuit Description | CKT   | CB Info |  |
|---------|-----|---------------------|------|------|-------|-------------|-------|------|-------|------|------|---------------------|-------|---------|--|
|         | 1   | LTG ELEC RM         | 0.42 | 20 A | 1     | 50 VA       | 0 VA  |      | 1     | 20 A | --   | SPARE               | 2     |         |  |
|         | 3   | SPARE               | --   | 25 A | 1     |             | 0 VA  | 0 VA |       | 1    | 20 A | --                  | SPARE | 4       |  |
|         | 5   | SPARE               | --   | 30 A | 1     |             |       | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 6       |  |
|         | 7   | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA  |      | 1     | 20 A | --   | SPARE               | 8     |         |  |
|         | 9   | SPARE               | --   | 20 A | 1     |             | 0 VA  | 0 VA |       | 1    | 20 A | --                  | SPARE | 10      |  |
|         | 11  | SPARE               | --   | 20 A | 1     |             |       | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 12      |  |
|         | 13  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA  |      | 1     | 20 A | --   | SPARE               | 14    |         |  |
|         | 15  | SPARE               | --   | 20 A | 1     |             | 0 VA  | 0 VA | 1     | 20 A | --   | SPARE               | 16    |         |  |
|         | 17  | SPARE               | --   | 20 A | 1     |             |       | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 18      |  |
|         | 19  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA  |      | 1     | 20 A | --   | SPARE               | 20    |         |  |
|         | 21  | SPARE               | --   | 20 A | 1     |             | 0 VA  | 0 VA | 1     | 20 A | --   | SPARE               | 22    |         |  |
|         | 23  | SPARE               | --   | 20 A | 1     |             |       | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 24      |  |
|         | 25  | SPARE               | --   | 20 A | 1     | 0 VA        | 0 VA  |      | 1     | 20 A | --   | SPARE               | 26    |         |  |
|         | 27  | SPARE               | --   | 20 A | 1     |             | 0 VA  | 0 VA | 1     | 20 A | --   | SPARE               | 28    |         |  |
|         | 29  | SPARE               | --   | 20 A | 1     |             |       | 0 VA | 0 VA  | 1    | 20 A | --                  | SPARE | 30      |  |
|         |     |                     |      |      |       | Total Load: | 50 VA | 0 VA | 0 VA  |      |      |                     |       |         |  |
|         |     |                     |      |      |       | Total Amps: | 0 A   | 0 A  | 0 A   |      |      |                     |       |         |  |

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING  
S = SHUNT TRIP  
L = LOCK OUT  
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:  
MLO = MAIN LUGS ONLY  
CB = CIRCUIT BREAKER  
CKT = CIRCUIT

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals             |
|---------------------|----------------|---------------|------------------|--------------------------|
| Lighting            | 50 VA          | 100.00%       | 50 VA            | Total Conn. Load: 50 VA  |
|                     |                |               |                  |                          |
|                     |                |               |                  | Total Est. Demand: 50 VA |
|                     |                |               |                  | Total Conn.: 0 A         |
|                     |                |               |                  | Total Est. Demand: 0 A   |

Notes:

1) TRANSFER LOADS FROM REMOVED PANEL EM AND REMOVED LOAD CENTER. REWORK AND EXTEND CIRCUITRY AS REQUIRED. VERIFY ALL BREAKERS PRIOR TO ORDERING EQUIPMENT.

Branch Panel: LP-1

Location:  
Supply From:  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating:  
Mains Type: MLO  
Bus Amps: 100 A

| TYPE | DESCRIPTION                                                   | FIXTURE TYPE | LIGHT SOURCE | K  | CRI  | INPUT WATTS | VOLTS    | MANUFACTURER                                    | SPECIFIED FIXTURE MODEL NO. |
|------|---------------------------------------------------------------|--------------|--------------|----|------|-------------|----------|-------------------------------------------------|-----------------------------|
| F1   | 4 FT SURFACE MOUNTED STRIP LIGHT                              | LED          | 35           | 80 | 25.0 | 120         | LITHONIA | CSS L48 5000LM MVOLT MIN10 ZT 30K 80CRI         |                             |
| F1E  | 4 FT SURFACE MOUNTED STRIP LIGHT WITH INTEGRAL BATTERY BACKUP | LED          | 35           | 80 | 25.0 | 120         | LITHONIA | CSS L48 5000LM MVOLT MIN10 ZT 30K 80CRI E10W    |                             |
| F3   | WALL PACK                                                     | LED          | 30           | 80 | 15.0 | 120         | LITHONIA | WDGE2 LED P2 30K 80CRI VF MVOLT SRM DOBXO       |                             |
| F3E  | WALL PACK WITH EMERGENCY BATTERY BACKUP                       | LED          | 30           | 80 | 15.0 | 120         | LITHONIA | WDGE2 LED P2 30K 80CRI VF MVOLT SRM E20WC DOBXO |                             |

Notes:

1. PROVIDE ALL NECESSARY MOUNTING HARDWARE AND ACCESSORIES FOR A COMPLETE INSTALLATION OF FIXTURE(S) IN THE SPACE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.  
2. THE FIRST LISTED FIXTURE PRODUCT IN THE APPROVED MANUFACTURERS COLUMN WITH A FULL PRODUCT NUMBER FOR EACH FIXTURE TYPE IS THE BASIS OF DESIGN. FINAL PRODUCT APPROVAL WILL BE PROVIDED DURING THE SUBMITTAL PROCESS.  
3. CONTRACTOR ROUGH-IN JUNCTION BOXES TO BE LOCATED ABOVE CEILING.

LEGAT ARCHITECTS  
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT #40

BROWNING FIELD PHASE 2

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P: 563.726.6310  
www.rtmec.com

STRUCTURAL ENGINEER  
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2435 Kimberly Rd.  
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P: 563.359.3117  
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RTM Engineering  
5137 Utica Ridge Rd.  
Davenport, IA 52807  
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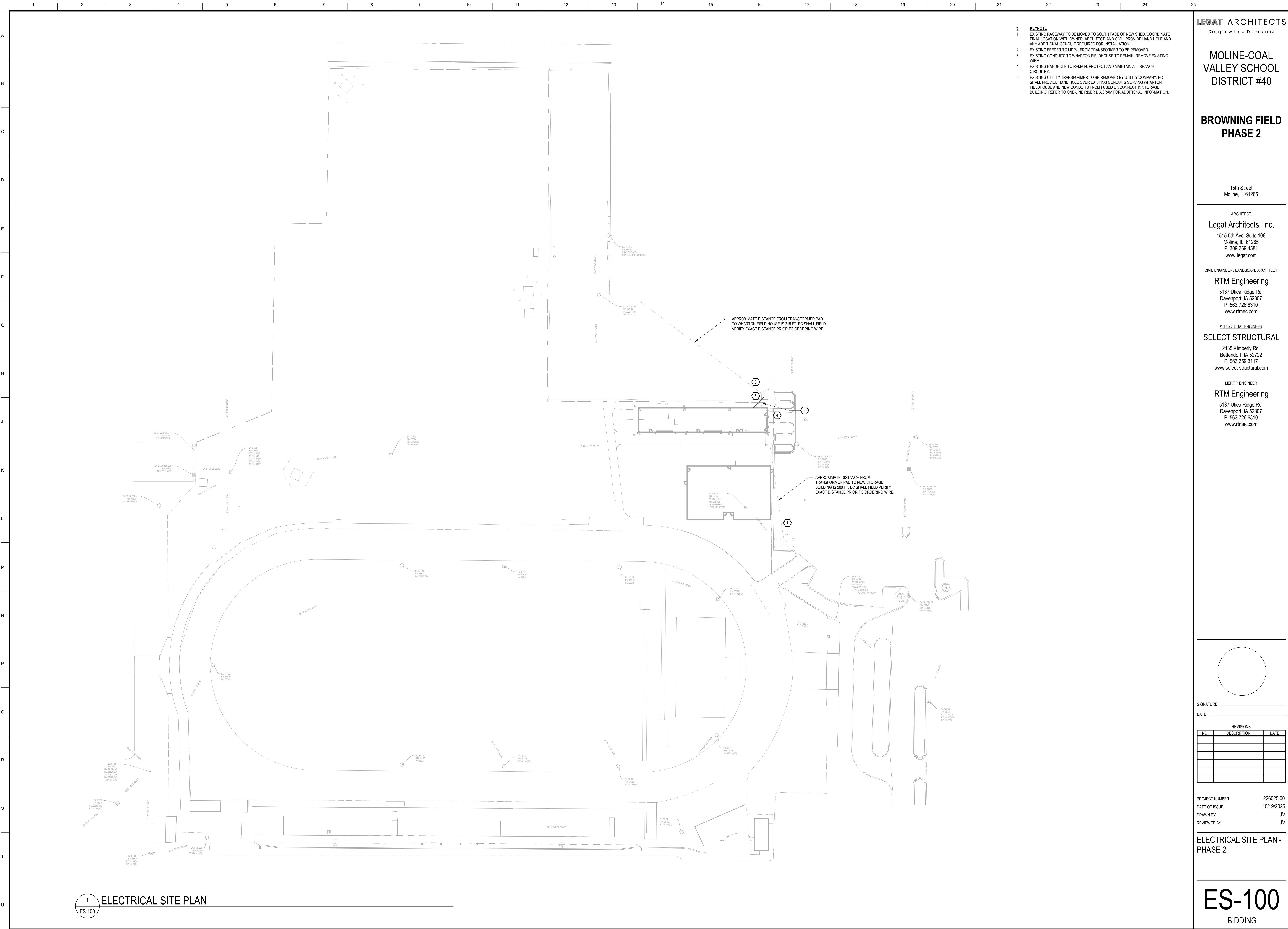
SIGNATURE  
DATE

REVISIONS  
NO. DESCRIPTION DATE

PROJECT NUMBER 226025.00  
DATE OF ISSUE 10/19/2026  
DRAWN BY JV  
REVIEWED BY JV

ELECTRICAL SCHEDULES

E-301  
BIDDING



- # KEYNOTE
- 1 EXISTING RACEWAY TO BE MOVED TO SOUTH FACE OF NEW SHED. COORDINATE FINAL LOCATION WITH OWNER, ARCHITECT, AND CIVIL. PROVIDE HAND HOLE AND ANY ADDITIONAL CONDUIT REQUIRED FOR INSTALLATION.
  - 2 EXISTING FEEDER TO MDP-1 FROM TRANSFORMER TO BE REMOVED.
  - 3 EXISTING CONDUITS TO WHARTON FIELDHOUSE TO REMAIN. REMOVE EXISTING WIRE.
  - 4 EXISTING HANDHOLE TO REMAIN. PROTECT AND MAINTAIN ALL BRANCH CIRCUITRY.
  - 5 EXISTING UTILITY TRANSFORMER TO BE REMOVED BY UTILITY COMPANY. EC SHALL PROVIDE HAND HOLE OVER EXISTING CONDUITS SERVING WHARTON FIELDHOUSE AND NEW CONDUITS FROM FUSED DISCONNECT IN STORAGE BUILDING. REFER TO ONE-LINE RISER DIAGRAM FOR ADDITIONAL INFORMATION.

LEGAT ARCHITECTS  
Design with a Difference

MOLINE-COAL  
VALLEY SCHOOL  
DISTRICT #40

BROWNING FIELD  
PHASE 2

15th Street  
Moline, IL 61265

ARCHITECT

Legat Architects, Inc.  
1515 5th Ave. Suite 108  
Moline, IL 61265  
P: 309.369.4581  
www.legat.com

CIVIL ENGINEER / LANDSCAPE ARCHITECT

RTM Engineering

5137 Utica Ridge Rd.  
Davenport, IA 52807  
P: 563.726.6310  
www.rtmec.com

STRUCTURAL ENGINEER

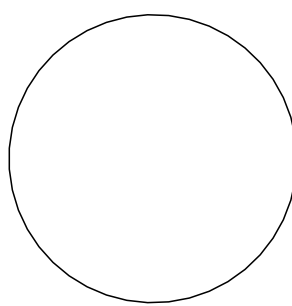
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SIGNATURE

DATE

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ELECTRICAL SITE PLAN -  
PHASE 2

ES-100  
BIDDING