TIOGA COUNTY O.H. DOOR

103 CORPORATE DRIVE, OWEGO, NY 13827

DELTA PROJECT NO. 2025.416.001

2026.03.18

ISSUE FOR CONSTRUCTION

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CERTIFICATE OF AUTHORIZATION #: 019598

PROJECT LOCATION



PROJECT LOCATION

OWNER

TIOGA COUNTY
103 CORPORATE DRIVE, OWEGO, NY 13827

G-001

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CODE COMPLIANCE

1. TO THE BEST KNOWLEDGE, INFORMATION AND BELIEF THE ARCHITECTURAL AND BUILDING SYSTEMS SHOWN ON THESE DOCUMENTS HAVE BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE CODES AND REFERENCE STANDARDS

2. ALL WORK SHALL COMPLY WITH OR SURPASS THE REQUIREMENTS OF THE NEW YORK STATE CODES AND REFERENCE STANDARDS. CONFORM TO APPLICABLE CODE FOR THE WORK DESCRIBED WITHIN THE CONTRACTION DOCUMENTS.

3. SYSTEMS SHALL COMPLY WITH THE LATEST VERSION OF THE FOLLOWING CODES:
   - A. 2020 EXISTING BUILDING CODE OF NEW YORK STATE
   - B. 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE

4. ALL WORK SHALL MEET THE REQUIREMENTS OF THE AFORE MENTIONED CODES AND ALL CODES AND STANDARDS REFERENCED IN THE SPECIFICATIONS. ALTHOUGH THE DETAILS OF SUCH WORK MAY NOT BE SHOWN ON THE DRAWINGS OR REFERENCED IN THE SPECIFICATIONS

5. CONFLICTS BETWEEN THE APPLICABLE CODES, STANDARDS, AND THE PLANS AND SPECIFICATIONS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.

6. CONFLICTING STANDARDS: IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.

GENERAL DEFINITIONS

1. **CONCEALED, INTERIOR INSTALLATIONS:** CONCEALED FROM VIEW AND PROTECTED FROM PHYSICAL CONTACT BY BUILDING OCCUPANTS. EXAMPLES INCLUDE ABOVE CEILINGS AND IN DUCT SHAFTS.

2. **EXPOSED, INTERIOR INSTALLATIONS:** EXPOSED TO VIEW INDOORS. EXAMPLES INCLUDE FINISHED OCCUPIED SPACES AND FIRE PROTECTION EQUIPMENT ROOMS.

3. **FINISHED SPACES:** SPACES OTHER THAN FIRE PROTECTION, FIRE PROTECTION AND ELECTRICAL EQUIPMENT ROOMS, FURRED SPACES, PIPE AND DUCT SHAFTS, UNHEATED SPACES IMMEDIATELY BELOW ROOF, SPACE ABOVE CEILINGS, UNEXCAVATED SPACES, CRAWL SPACES, AND TUNNELS.

4. **FURNISH:** CONTRACTOR SHALL SUPPLY (PURCHASE) ITEM AND TURN OVER TO OTHERS FOR INSTALLATION

5. **INSTALL:** OTHERS SHALL PURCHASE ITEM AND THE CONTRACTOR SHALL PLACE ITEM IN POSITION FOR SERVICE AND OR USE

6. **PROVIDE:** CONTRACTOR SHALL FURNISH (PURCHASE) AND COMPLETELY INSTALL ITEM

7. **OWNER:** TIOGA COUNTY DEPARTMENT OF PUBLIC WORKS.

8. **STORAGE:** TO PROVIDE A SAFE WAREHOUSING LOCATION TO PROTECT EQUIPMENT AND COMPONENTS THAT ARE TO BE IMPLEMENTED AS PART OF THE PROJECT. THIS INCLUDES BUT NOT LIMITED TO EXISTING ITEMS TO BE RELOCATED BY THE OWNER/CONTRACTOR AND ITEMS PURCHASED BY THE OWNER/CONTRACTOR.

GENERAL REQUIREMENT NOTES

1. DELIVERY, STORAGE, AND PROTECTION
   - A. ACCEPT PRODUCTS ON SITE IN FACTORY-FABRICATED PROTECTIVE CONTAINERS, WITH FACTORY-INSTALLED SHIPPING SKIDS AND LIFTING LUGS. INSPECT FOR DAMAGE.
   - B. STORE IN CLEAN DRY PLACE AND PROTECT FROM WEATHER AND CONSTRUCTION TRAFFIC. HANDLE CAREFULLY TO AVOID DAMAGE TO COMPONENTS, ENCLOSURES, AND FINISH.
   - C. STORAGE OF EQUIPMENT: STORAGE OF EQUIPMENT FOR THE JOB IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SCHEDULED FOR DELIVERY TO THE SITE AS THE EQUIPMENT IS REQUIRED. DAMAGE TO THE EQUIPMENT DELIVERED TO THE SITE OR IN TRANSPORT TO THE JOB SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
   - D. DELIVER PIPES AND TUBES WITH FACTORY-APPLIED END CAPS. MAINTAIN END CAPS THROUGH SHIPPING, STORAGE, AND HANDLING TO PREVENT PIPE END DAMAGE AND TO PREVENT ENTRANCE OF DIRT, DEBRIS, AND MOISTURE.
   - E. STORE PLASTIC PIPES PROTECTED FROM DIRECT SUNLIGHT. SUPPORT TO PREVENT SAGGING AND BENDING.

2. PERFORMANCE
   - A. ALL WORK SHALL BE PERFORMED IN COOPERATION WITH THE OWNER, ARCHITECT AND OTHER SEPARATE CONTRACTORS.
   - B. THE CONTRACTOR SHALL COORDINATE WORK WITH THE CONSTRUCTION SCHEDULE ESTABLISHED BY THE OWNER AND ARCHITECT, AND SHALL IMMEDIATELY REPORT ANY DELAYS IN MATERIALS RECEIPT INCLUDING CIRCUMSTANCES CAUSING THE DELAYS.

3. INSPECTIONS
   - A. THE CONTRACTOR SHALL HAVE THE REQUIRED LOCAL OR MUNICIPAL INSPECTION PROCESSED AND PRESENT OWNER WITH CERTIFICATE INDICATING APPROVAL OF SUCH GOVERNING BODIES.
   - B. NEW YORK BOARD OF FIRE UNDERWRITERS INSPECT COMPLETED INSTALLATION AND PRESENT OWNER WITH CERTIFICATE OF INSPECTION SHOWING APPROVAL.

GENERAL PLAN NOTES

1. THE INTENT OF THESE CONTRACT DOCUMENTS IS FOR THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE SYSTEMS. ALL SYSTEMS SHALL BE COMPLETE IN ALL RESPECTS, OPERATING, TESTED, ADJUSTED, APPROVED BY THE AUTHORITIES HAVING JURISDICTION AND READY FOR BENEFICIAL USE BY THE OWNER.

2. THE CONTRACTOR SHALL OBTAIN AND REVIEW ALL CONTRACT DOCUMENTS, INCLUDING PROJECT MANUAL, PLANS AND SPECIFICATIONS OF ALL TRADES BEFORE SUBMITTING BID. REFER TO SPECIFICATIONS, PROJECT MANUAL AND PLANS, INCLUDING ALL EQUIPMENT SCHEDULES FOR MECHANICAL AND ELECTRICAL INFORMATION. CONTRACTOR SHALL WALK THROUGH BUILDING PRIOR TO SUBMITTING BID.

3. ALL OF THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY TO FORM A TOTAL DESIGN PACKAGE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE WHICH TRADE CONTRACTOR IS RESPONSIBLE FOR VARIOUS PORTIONS OF THE WORK.

4. ALL WORK AND ACTION DEPICTED AND DESCRIBED SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.

5. DRAWINGS ARE BASED ON FIELD OBSERVATION AND EXISTING BUILDING DRAWINGS.

6. COORDINATION
   - A. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF EQUIPMENT WITH ALL TRADES BEFORE STARTING CONSTRUCTION. ANY MODIFICATIONS TO THE EQUIPMENT LAYOUT REQUIRED FOR INSTALLATION ARE TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
   - B. WHEN CONFLICTS OCCUR BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR SHALL CARRY AS PART OF THE BID THE LARGER QUANTITY AND/OR MORE EXPENSIVE ITEM(S).
   - C. DURING CONSTRUCTION/INSTALLATION OF SYSTEMS IN THE WORK PHASE THE CONTRACTORS SHALL COORDINATE BETWEEN TRADE DRAWINGS FOR INSTALLATION OF SYSTEM. THIS SHALL BE REPRESENTED ON THE COORDINATION DRAWINGS TO BE DEVELOPED BY THE CONTRACTOR.

7. BASE BID AMOUNT SHALL INCLUDE ALL ADDITIONAL WORK REQUIRED BY THE AUTHORITIES HAVING JURISDICTION PERTAINING TO THE COMPLETION OF THIS PROJECT.

8. PROJECT CONDITIONS
   - A. VERIFY LOCATION OF EXISTING UTILITIES BEFORE PROCEEDING WITH THE WORK.
   - B. VERIFY SCOPE OF WORK: CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID TO ASCERTAIN EXISTING FIELD CONDITIONS AND TO DETERMINE THE SCOPE OF THE WORK, AND TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS THAT WILL AFFECT HIS WORK AND, THEREFORE, THE BID. ADDITIONAL COST RESULTING FROM THE CONTRACTOR'S FAILURE TO VERIFY THE SCOPE OF THE WORK SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE PAID BY THE CONTRACTOR.
   - C. THE WORK SPECIFIED HEREIN AND INDICATED ON DRAWINGS SHALL BE COMPLETED, TESTED AND MADE READY FOR OPERATION PRIOR TO TURN OVER TO THE OWNER. UNLESS SPECIFICALLY INDICATED, MATERIALS AND EQUIPMENT SHALL BE NEW AND FIRST CLASS QUALITY.
   - D. THE OWNER SHALL DIRECT THE CONTRACTOR WHERE CONSTRUCTION MATERIALS TO BE INSTALLED SHALL BE STAGED AND STOCKPILED DURING CONSTRUCTION.
   - E. THE WORK SPECIFIED HEREIN AND INDICATED ON DRAWINGS SHALL BE COMPLETED, TESTED AND MADE READY FOR OPERATION PRIOR TO TURN OVER TO THE OWNER. UNLESS SPECIFICALLY INDICATED, MATERIALS AND EQUIPMENT SHALL BE NEW AND FIRST CLASS QUALITY.

9. FOLLOW FIGURED DIMENSIONS AND DO NOT SCALE CONTRACT DOCUMENTS. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT UNLESS NOTED OTHERWISE.

10. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE APPLICABLE CODES IN THE ORDINANCES AND THE REGULATORY AGENCIES HAVING JURISDICTION.

11. INITIATING WORK CONSTITUTES CONTRACTOR ACCEPTANCE OF THE EXISTING CONDITIONS ASSOCIATED WITH THE WORK IN QUESTION.

12. REPORT DISCREPANCIES TO ENGINEER BEFORE DISTURBING EXISTING INSTALLATION.

13. FILE REQUIRED CERTIFICATES OF INSURANCE.

14. OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.

15. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS.

16. SAFETY
   - A. THE CONTRACTOR IS RESPONSIBLE FOR OVERSEEING THE SAFE OPERATION OF ALL EQUIPMENT IN HIS USE.
   - B. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL OF THE EQUIPMENT IN HIS USE IN A SAFE CONDITION.
   - C. KEEP DEAD FRONT EQUIPMENT IN PLACE WHEN EQUIPMENT IS ENERGIZED.
   - D. CONDUCT ALL CONSTRUCTION OPERATIONS IN A SAFE MANNER FOR EMPLOYEES, AS WELL AS OTHER WORK-PERSONS OR ANYONE VISITING THE JOG SITE. PROVIDE BARRIERS, FLAGS, TAPE, ETC. AS REQUIRED FOR SAFETY.
   - E. CONTRACTORS SHALL FOLLOW OWNER'S SAFETY REQUIREMENTS DURING CONSTRUCTION.
   - F. CONFORM TO OWNER'S SAFETY PROCEDURES IF HAZARDOUS OR CONTAMINATED MATERIALS ARE DISCOVERED

GENERAL PLAN NOTES (CONT.)

15. PROFESSIONALISM AND APPEARANCE OF WORK:
   - A. WORKMANSHIP OF ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH ACCEPTED PRACTICES OF THIS TRADE. INSTALLATION METHODS SHALL CONFORM TO MANUFACTURERS' SPECIFICATIONS.
   - B. THE CONTRACTOR SHALL PROVIDE THE JOB WITH QUALIFIED JOURNEYMEN AND HELPERS IN THIS TRADE FOR THE DURATION OF THE JOB. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMMUNICATE WITH AND KEEP THE JOB SUPERINTENDENT APPRAISED OF CHANGES OR CLARIFICATIONS.

16. CONFORM TO BUILDING STRUCTURE: THE CONTRACTOR SHALL INSTALL THE SYSTEM IN SUCH A MANNER AS TO CONFORM TO THE BUILDING(S) STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGES CLEAR, AND CONFORM TO THE BUILDING CODE.

17. THE CONTRACTOR IS TO USE MATERIALS THAT ARE COMPATIBLE WITH THE EXISTING IN PLACE MATERIALS.

18. METHODS OF CONSTRUCTION: UNLESS OTHERWISE NOTED OR SHOWN, THESE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, AND BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFE WORK PRACTICES

19. INCIDENTAL ITEMS: INCIDENTAL ITEMS NOT INDICATED ON DRAWINGS, NOT MENTIONED IN THE SPECIFICATIONS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO BELONG TO THE WORK DESCRIBED OR NECESSARY IN GOOD PRACTICE TO PROVIDE A COMPLETE SYSTEM, SHALL BE FURNISHED AND INSTALLED AS THOUGH ITEMIZED HERE IN EVERY DETAIL.

20. PROTECTION
   - A. ALL MATERIALS, EQUIPMENT AND ACCESSORIES SHALL BE SUITABLY PROTECTED AND COVERED DURING CONSTRUCTION.
   - B. DAMAGE RESPONSIBILITY: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED BY HIM OR HIS WORKMEN TO THE FACILITY, BUILDING SURFACES OR EQUIPMENT DURING THE COURSE OF CONSTRUCTION, AND SHALL BE FULLY RESPONSIBLE FOR REPAIRING OR REPLACING AS REQUIRED TO INSURE RESTORATION TO ORIGINAL CONDITION.
   - C. DAMAGED ITEMS: WHERE ITEMS SCHEDULED FOR REUSE ARE FOUND TO BE IN DAMAGED CONDITION, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE OWNER TO SUCH ITEMS AND RECEIVE FURTHER INSTRUCTIONS PRIOR TO REMOVAL. ITEMS DAMAGED DURING REMOVAL SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
   - D. REPAIR DAMAGES: PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE OWNER.

21. THE WORK SPECIFIED HEREIN AND INDICATED ON DRAWINGS SHALL BE COMPLETED, TESTED AND MADE READY FOR OPERATION PRIOR TO TURN OVER TO THE OWNER. UNLESS SPECIFICALLY INDICATED, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND FIRST CLASS QUALITY. EQUIPMENT MAY BE RE-USED ONLY AS SPECIFIED HEREIN OR SHOWN ON THE DRAWINGS.

22. SYSTEMS: THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE AND OPERABLE SYSTEMS, INCLUDING OPERATIONAL PROPERTIES TO THE EXTENT NECESSARY TO LINK MULTIPLE COMPONENTS OF A SYSTEM TOGETHER AND TO INTERFACE WITH OTHER SYSTEMS.

23. GUARANTEE: CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR AND MATERIALS ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR.

PRODUCT GENERAL NOTES

1. MATERIALS
   - A. ALL MATERIALS AND EQUIPMENT SHALL BE IN STRICT ACCORDANCE WITH THE PARAMETERS HEREINAFTER SPECIFIED AND AS SHOWN ON THE DRAWINGS.
   - B. MATERIALS AND EQUIPMENT FURNISHED/PROVIDED SHALL BE NEW UNLESS NOTED OTHERWISE.
   - C. FLANGES SHALL BE OF U.S. OR CANADIAN MANUFACTURER ONLY. NO FLANGES FROM CHINA

2. ACCESSORIES
   - A. IT IS THE INTENT OF THIS SPECIFICATION THAT SYSTEMS AND EQUIPMENT SHALL BE COMPLETE WITH ALL ACCESSORIES REQUIRED TO INSURE A COMPLETE SYSTEM.

3. MANUFACTURERS
   - A. ACCEPTABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE MANUFACTURERS SPECIFIED.
   - B. BASIS OF DESIGN: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE MANUFACTURERS SPECIFIED.

4. BASIS OF DESIGN EQUIPMENT
   - A. MANUFACTURER AND MODEL NUMBER OF EQUIPMENT INCLUDED IN SCHEDULE IS THE BASIS OF DESIGN FOR PROJECT.
   - B. ADJUSTMENT SHALL BE MADE BY THE CONTRACTOR FOR EQUIPMENT OTHER THAN THE BASES OF DESIGN TO COMPLY THE INSTALLED EQUIPMENT MANUFACTURER'S REQUIREMENTS.

GENERAL ARCHITECTURAL NOTES

A. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY THE ARCHITECT OF DISCREPANCIES PRIOR TO COMMENCING WORK. EXISTING CONDITIONS THAT WOULD AFFECT THE EXECUTION OF THE WORK MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING THE WORK.

B. DIMENSIONS GIVEN ON PLANS ARE FROM FINISHED FACE TO FINISHED FACE UNLESS OTHERWISE NOTED. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT UNLESS OTHERWISE NOTED.

C. PROVIDE BLOCKING IN WALLS AS REQUIRED TO SUPPORT WALL MOUNTED ITEMS. LOCATE EQUIPMENT AND COORDINATE BLOCKING LOCATIONS IN FIELD.

D. DIMENSIONS LOCATING DOORS OR INTERIOR WINDOWS ARE TO OUTSIDE EDGE OF FRAME UNLESS NOTED OTHERWISE. REFER TO DOOR & WINDOW SHEETS FOR FRAME TYPE, SIZE AND DETAILS.

E. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

EQUIPMENT GENERAL NOTES

1. COORDINATE INSTALLATION OF WORK WITH OTHER TRADES.

2. PROVIDE SUPPORT/BRACING OF EQUIPMENT AND BUILDING SERVICES FOR SEISMIC RESTRAINT AS REQUIRED BY CODE.

3. ALL EQUIPMENT, MATERIALS AND RELATED SYSTEMS COMPONENTS SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.

4. ALL EQUIPMENT SHALL BE LOCATED IN ACCESSIBLE LOCATIONS. WHEN A PIECE OF EQUIPMENT MUST BE LOCATED ABOVE AN INACCESSIBLE CEILING OR WALL THEN THE APPROPRIATE ACCESS DOOR SHALL BE PROVIDED. THESE SHALL BE COORDINATED WITH THE ARCHITECT.

5. MAINTAIN MANUFACTURERS RECOMMENDED SERVICE CLEARANCES.

6. LOCATION AND SIZES OF ALL FLOOR, WALL AND ROOF PENETRATIONS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED.

7. EQUIPMENT INSTALLATION - COMMON REQUIREMENTS
   - A. INSTALL EQUIPMENT TO ALLOW MAXIMUM POSSIBLE HEADROOM UNLESS SPECIFIC MOUNTING HEIGHTS ARE NOT INDICATED.
   - B. INSTALL EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS IN EXPOSED INTERIOR SPACES, UNLESS OTHERWISE INDICATED.

8. ERECTION OF METAL SUPPORTS AND ANCHORAGES
   - A. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL STEEL.
   - B. CUT, FIT, AND PLACE MISCELLANEOUS METAL SUPPORTS ACCURATELY IN LOCATION, ALIGNMENT, AND ELEVATION TO SUPPORT AND ANCHOR FIRE PROTECTION MATERIALS AND EQUIPMENT.
   - C. FIELD WELDING: COMPLY WITH AWS D1.1.

9. GROUTING
   - A. CLEAN SURFACES THAT WILL COME INTO CONTACT WITH GROUT.
   - B. PROVIDE FORMS AS REQUIRED FOR PLACEMENT OF GROUT.
   - C. AVOID AIR ENTRAPMENT DURING PLACEMENT OF GROUT.
   - D. PLACE GROUT, COMPLETELY FILLING EQUIPMENT BASES.
   - E. PLACE GROUT ON CONCRETE BASES AND PROVIDE SMOOTH BEARING SURFACE FOR EQUIPMENT.
   - F. PLACE GROUT AROUND ANCHORS.
   - G. CURE PLACED GROUT.

ASBESTOS FREE PROJECT NOTES

1. THIS PROJECT HAS BEEN SPECIFIED TO BE AN ASBESTOS FREE CONSTRUCTION. ALL CONTRACTORS AND SUB-CONTRACTORS ARE CAUTIONED THAT ANY PRODUCT CONTAINING EVEN A TRACE OF ASBESTOS ARE PROHIBITED FROM USE ON THIS PROJECT. ALL SUPPLIERS AND CONTRACTORS SHALL ENSURE THAT ANY PROPOSED PRODUCTS HAVE BEEN ANALYZED AND CERTIFIED ASBESTOS FREE BY THE MANUFACTURE. THE ENGINEER AND OWNER RESERVES THE RIGHT TO REQUEST A FLAT STATEMENT GUARANTEE OF ASBESTOS FREE MATERIALS PRIOR TO FINAL PAYMENT OF WORK

2. THE ENGINEER OR OWNER HAVE THE RIGHT TO HAVE ANY MATERIAL TESTED BY A TESTING LABORATORY OF THEIR CHOICE TO DETERMINE THE PRESENCE OF ASBESTOS IN MATERIALS/PRODUCTS DELIVERED TO THE SITE. IF A POSITIVE RESULT FOR ASBESTOS IS DETERMINED, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL SUCH MATERIAL/PRODUCTS AND REPLACE WITH ACCEPTABLE ASBESTOS FREE MATERIALS AND/OR PRODUCTS.

3. IF ASBESTOS IS FOUND IN ANY MATERIAL OR PRODUCT BY THE CONTRACTOR, ALL REMOVAL, TESTING, MONITORING OF REMOVALS AND ASBESTOS ABATEMENT COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL RENOVATION NOTES

1. THIS PROJECT IS A RENOVATION OF OF AN EXISTING FACILITY. IT IS THE INTENT OF THE DEMOLITION DRAWING TO LEAVE ALL MATERIALS OUTSIDE THE LIMITS OF THIS CONTRACT IN EXISTING OPERATING CONDITION.

2. BEFORE SUBMITTING HIS BID THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH THE PROJECT IS TO BE COMPLETED.

3. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS OR ERRORS HE MAKES AS A RESULT OF HIS FAILURE TO BECOME FULLY FAMILIAR WITH THE EXISTING CONDITIONS.

4. PROPERLY DISPOSE OF ALL DEMOLISHED EQUIPMENT AND MATERIALS IN COMPLIANCE WITH CODES AND REGULATIONS.

5. RELOCATE EXISTING EQUIPMENT, PIPING, WIRING AND RELATED SYSTEMS TO REMAIN AS REQUIRED FOR CONSTRUCTION. EXTEND FEEDER/CONDUIT AND PROVIDE RECONNECTIONS FOR SYSTEM TO BE FULLY OPERATIONAL. ALL RELOCATED EQUIPMENT SHALL BE PROTECTED DURING CONSTRUCTION.

6. INCLUDE ALL WORK REQUIRED TO ALLOW PHASED CONSTRUCTION WHERE NECESSARY. COORDINATE WITH GENERAL CONTRACTOR/CONSTRUCTION MANAGER FOR PHASING REQUIREMENTS.

7. GENERAL CONTRACTOR IS RESPONSIBLE OF PATCHING, REPAIRING, CAPPING, ETC. PER DEMOLITION AND CONSTRUCTION.

8. WORK NOT INDICATED ON A PART OF THE DRAWING BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES TO BE PROVIDED AT NO ADDITIONAL COST.

9. COORDINATE OPERATIONS WITH THE OWNER SUCH AS BUT NOT LIMITED TO, WORK AREAS USED FOR STORAGE, ACCESS TO AND FROM WORK AREAS, TIMING OF WORK, SPECIAL CONSIDERATIONS OF NOISY OPERATIONS, INTERRUPTIONS FOR MECHANICAL, PLUMBING, AND ELECTRICAL SERVICES. FLAMMABLE OR TOXIC MATERIALS ARE NOT PERMITTED TO BE STORED INSIDE THE BUILDING.

GENERAL SUBMITTAL NOTES

1. PRODUCT DATA:
   - A. SUBMIT TO ARCHITECT/ENGINEER FOR REVIEW FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS.
   - B. MARK EACH COPY TO IDENTIFY APPLICABLE PRODUCTS, MODELS, OPTIONS, AND OTHER DATA. SUPPLEMENT MANUFACTURERS' STANDARD DATA TO PROVIDE INFORMATION SPECIFIC TO THIS PROJECT.
   - C. SUBMITTALS THAT ARE NOT PROPERLY MARKED WITH ALL PERTINENT INFORMATION IDENTIFIED WILL BE RETURNED.
   - D. IN ADDITION, THE SUBMITTAL SHALL BEAR THE PROJECT NAME, THE CONTRACTOR'S NAME, THE DATE REVIEWED BY THE CONTRACTOR, THE CONTRACTOR'S CONTROL NUMBER (IF APPLICABLE), AND A STAMP WITH THE CONTRACTOR'S SIGNATURE CERTIFYING THAT THE ITEM HAS BEEN REVIEWED AND IT COMPLIES WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

2. MANUFACTURER'S INSTRUCTIONS
   - A. SUBMIT PRINTED INSTRUCTIONS FOR DELIVERY, STORAGE, ASSEMBLY, INSTALLATION, START-UP, ADJUSTING, AND FINISHING, TO THE ARCHITECT/ENGINEER FOR PRODUCT DATA.

3. SUBMITTALS FOR REVIEW
   - A. PRODUCT DATA: PUBLISHED LITERATURE: INDICATE DIMENSIONS, WEIGHTS, CAPACITIES, RATINGS, GAGES AND FINISHES OF MATERIALS, ELECTRICAL CHARACTERISTICS AND CONNECTION REQUIREMENTS.
   - B. SHOP DRAWINGS: INDICATE ASSEMBLY, DIMENSIONS, WEIGHT LOADING, REQUIRED CLEARANCES, CONSTRUCTION DETAILS, FIELD CONNECTION DETAILS, ELECTRICAL CHARACTERISTICS AND CONNECTION REQUIREMENTS.
   - C. ANY SUBMITTALS NOT CLEARLY MARKED AS INDICATED ABOVE WILL BE RETURNED TO THE CONTRACTOR FOR RESUBMISSION.
   - D. THE CONTRACTOR SHALL SUBMIT A CONTRACTOR'S SAFETY PROGRAM, INCLUDING BUT NOT LIMITED TO:
   - E. CONFINED SPACE ACCESS
   - F. HOT WORK & FIRE WATCH PROCEDURES
   - G. LOTO PROCEDURES. (LOCK OUT / TAG OUT)

4. CLOSEOUT SUBMITTALS
   - A. PROVIDE 3-RING BINDER WITH THE FOLLOWING ITEMS TO BE USED AS FACILITY OPERATION AND MAINTENANCE MANUAL
   - B. PRODUCT DATE: PROVIDE ONE COPY OF FINAL APPROVED PRODUCT DATA SUBMITTALS FOR PRODUCTS LISTED UNDER PART 2 OF DIVISION 21 TECHNICAL SPECIFICATIONS
   - C. MANUFACTURER'S INSTRUCTIONS: INCLUDE INSTALLATION INSTRUCTIONS
   - D. MANUFACTURER'S DATA: INCLUDE INSTRUCTIONS FOR LUBRICATION, REPLACE PARTS, MOTOR AND DRIVE REPLACEMENT, SPARE PARTS LIST, AND WIRING DIAGRAMS.

5. SUBSTITUTIONS
   - A. SUBMITTAL OF SUBSTITUTE EQUIPMENT SHALL BE MADE TEN (10) WORKING DAYS PRIOR TO BID FOR CONSIDERATION AND PLACEMENT IN AN ADDENDUM TO ALL BIDDERS IF ACCEPTABLE.
   - B. SUBMITTAL SHALL INCLUDE
     - a. PERFORMANCE DATA
     - b. PHYSICAL DATA
     - c. NARRATIVE OF DEFICIENCIES COMPARED TO BASIS OF DESIGN
     - d. NARRATIVE OF BENEFITS COMPARED TO BASIS OF DESIGN
   - C. BIDDER SHALL CERTIFIES:
     - a. PROPOSED SUBSTITUTION HAS BEEN FULLY INVESTIGATED AND DETERMINED TO BE EQUAL OR SUPERIOR IN ALL RESPECTS TO SPECIFIED PRODUCT.
     - b. SAME WARRANTY WILL BE FURNISHED FOR PROPOSED SUBSTITUTION AS FOR SPECIFIED PRODUCT.
     - c. SAME MAINTENANCE SERVICE AND SOURCE OF REPLACEMENT PARTS, AS APPLICABLE, IS AVAILABLE.
     - d. PROPOSED SUBSTITUTION WILL HAVE NO ADVERSE EFFECT ON OTHER TRADES AND WILL NOT AFFECT OR DELAY PROGRESS SCHEDULE.
     - e. PROPOSED SUBSTITUTION DOES NOT AFFECT DIMENSIONS AND FUNCTIONAL CLEARANCES.
     - f. PAYMENT WILL BE MADE BY GENERAL CONTRACTOR FOR CHANGES TO BUILDING DESIGN, INCLUDING A/E DESIGN, DETAILING, AND CONSTRUCTION COSTS CAUSED BY THE SUBSTITUTION.

GENERAL REMOVAL NOTES

1. PROVIDE FULL HEIGHT TEMPORARY CONSTRUCTION BARRIERS WHERE REQUIRED TO PREVENT DUST POLLUTION OF SURROUNDING OCCUPIED AREAS. SEAL AIR-TIGHT. PARTITIONS MUST BE INSTALLED IN ACCORDANCE WITH FIRE PROTECTION AND EGRESS REQUIREMENTS. MAINTAIN MEANS OF EGRESS ACCESS TO EXITS DURING CONSTRUCTION.

2. WORK AREAS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES AND ARE TO BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.

3. TAKE PROPER MEASURES TO PREVENT DUST MIGRATION TO AREAS OUTSIDE THE CONSTRUCTION AREA BY CLOSING ALL OPENINGS IN DUCTS, WALLS, FLOORS AND CEILINGS. PROVIDE CONTINUOUS EXHAUST TO EXTERIOR TO MAINTAIN NEGATIVE PRESSURE IN CONSTRUCTION AREA.

5. DO NOT CLOSE OR OBSTRUCT EGRESS WIDTH TO ANY BUILDING OR SITE EXIT.

6. REMOVE IN ORDERLY AND CAREFUL MANNER.

7. REMOVE MATERIALS AS WORK PROGRESSES.

8. REMOVE DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE

9. DO NOT BURN OR BURY MATERIALS ON SITE.

10. THE OWNER SHALL TO DIRECT THE CONTRACTOR WHERE CONSTRUCTION MATERIALS, FURNITURE AND EQUIPMENT TO BE INSTALLED SHALL BE STAGED AND STOCKPILED DURING CONSTRUCTION.

11. ITEMS DESIGNATED ON PLAN BY DASHED LINE ARE EXISTING ELEMENTS TO BE REMOVED. REFER TO OTHER TRADE DRAWINGS FOR OTHER REMOVALS, INCLUDING MODIFICATIONS THAT MAY EXTEND BEYOND AREAS SHOWN.

CLOSEOUT NOTES

1. TESTING, ADJUSTING AND BALANCING
   - A. CONTRACTOR SHALL TEST, ADJUST AND BALANCE EQUIPMENT AND SYSTEMS TO ACHIEVE THE SPECIFIED PERFORMANCE. CONTRACTOR SHALL EMPLOY AND PAY FOR SERVICES OF MANUFACTURER'S REPRESENTATIVE OR AN INDEPENDENT FIRM TO PROVIDE TESTING, ADJUSTING AND BALANCING. FACTORY BALANCED MOTORS SHALL BE REBALANCED AFTER INSTALLATION TO CONFIRM BALANCE WITHIN FACTORY TOLERANCES.
   - B. CONTRACTOR SHALL PROVIDE, AT CONTRACTOR'S EXPENSE, SUCH ADDITIONAL SERVICES AS ARE NEEDED TO ASSURE PROPER TESTING, ADJUSTING AND BALANCING.
   - C. ALL TESTING, ADJUSTING AND BALANCING SHALL BE SCHEDULED WITH OWNER AT LEAST 7 DAYS IN ADVANCE.
   - D. REPORTS SHALL BE SUBMITTED TO OWNER INDICATING OBSERVATIONS AND RESULTS OF TESTS AND PERFORMANCE, BOTH BEFORE AND AFTER ADJUSTMENT AND BALANCING, AND SHALL SPECIFICALLY INDICATE COMPLIANCE OR NON-COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
   - E. CONTRACTOR SHALL:
     - a. TEST ALL SYSTEMS AND EQUIPMENT TO ASSURE PROPER OPERATION, AND TO COMPLY WITH APPLICABLE CODES AND STANDARDS.
     - b. PRETEST ALL SYSTEMS BEFORE NOTIFICATION TO THE OWNER OR THE OWNER'S REPRESENTATIVE FOR OBSERVATION OF FINAL TESTING.
     - c. NOTIFICATION SHALL BE IN WRITING TO ALLOW SUFFICIENT TIME FOR WITNESSING BY OWNER OR THE OWNER'S REPRESENTATIVE.
     - d. PROVIDE REQUIRED TESTING APPARATUS TO PROPERLY TEST ALL SYSTEMS.
     - e. SCHEDULE TESTING TO AVOID DELAYS AND TO EXPEDITE PROGRESS OF THE WORK.
     - f. CORRECT ALL DAMAGE CAUSED BY OR DURING THE TESTING AT NO ADDITIONAL COST.

2. DEMONSTRATION AND TRAINING
   - A. DEMONSTRATE OPERATION AND MAINTENANCE OF EQUIPMENT AND SYSTEMS TO OWNER PERSONNEL AND PROVIDE ALL REQUIRED TRAINING PRIOR TO DATE OF PARTIAL UTILIZATION OR SUBSTANTIAL COMPLETION.
   - B. TRAINING SHALL BE SCHEDULED AT LEAST FOURTEEN DAYS IN ADVANCE. CONTRACTOR SHALL PROVIDE ON-SITE TRAINING CLASSES FOR OWNER PERSONNEL ON THE PROPER OPERATION AND MAINTENANCE OF ALL NEW EQUIPMENT PROVIDED AS A PART OF THIS CONTRACT.
   - C. DEMONSTRATE ALL EQUIPMENT AND SYSTEMS AND TRAIN OWNER PERSONNEL IN A ROOM LOCATED AT THE SITE ALONG WITH HANDS-ON TRAINING IN THE FIELD. DEMONSTRATION AND TRAINING IS TO BE PROVIDED BY REPRESENTATIVES OF THE CONTRACTOR AND/OR MANUFACTURERS WHO ARE QUALIFIED AND KNOWLEDGEABLE ABOUT THE EQUIPMENT AND SYSTEMS AND THEIR OPERATION AND MAINTENANCE SPECIFICALLY FOR THIS PROJECT. WHEN SPECIFICALLY REQUIRED IN THE INDIVIDUAL SPECIFICATION SECTIONS, MANUFACTURER'S REPRESENTATIVES MUST BE USED FOR THIS DEMONSTRATION AND TRAINING..
   - D. FOR EQUIPMENT OR SYSTEMS REQUIRING SEASONAL CHANGES IN OPERATION, PERFORM DEMONSTRATIONS FOR OTHER SEASONS AS SOON AS APPROPRIATE CONDITIONS FOR SUCH DEMONSTRATIONS EXIST, IN THE OPINION OF THE ENGINEER/ARCHITECT.
   - E. DEMONSTRATE START-UP, OPERATION, CONTROL, ADJUSTMENT, TROUBLE-SHOOTING, SERVICING, MAINTENANCE AND SHUTDOWN OF EACH ITEM OF EQUIPMENT AND EACH SYSTEM.
   - F. UTILIZE OPERATION AND MAINTENANCE DATA AS BASIS FOR TRAINING. REVIEW DATA WITH OWNER PERSONNEL IN DETAIL TO EXPLAIN ALL ASPECTS OF OPERATION AND MAINTENANCE.
   - G. PREPARE AND INSERT ADDITIONAL DATA IN OPERATIONS AND MAINTENANCE MANUALS WHEN NEED BECOMES APPARENT DURING DEMONSTRATION AND TRAINING.
   - H. THE AMOUNT OF TIME FOR DEMONSTRATION AND TRAINING ON EACH ITEM OF EQUIPMENT AND SYSTEM SHALL BE THAT REQUIRED TO FULLY DEMONSTRATE THE ITEM OR SYSTEM, TO COVER ALL TOPICS IN THE APPROVED TRAINING OUTLINE OR LESSON PLAN AND TO ANSWER QUESTIONS RAISED BY OWNER PERSONNEL. WHEN SPECIFIC DURATIONS ARE IDENTIFIED IN THE INDIVIDUAL SECTIONS, THOSE DURATIONS SHALL BE CONSIDERED MINIMUMS.
   - I. THE OWNER STAFF MAY VIDEO TAPE ALL DEMONSTRATIONS AND TRAINING SESSIONS, TO BE UTILIZED AS FUTURE TRAINING TAPES.

3. ORIENTATION INSTRUCTION
   - A. CONTRACTOR SHALL PROVIDE THE SERVICES OF QUALIFIED PERSONS TO DEMONSTRATE THE OPERATION OF INSTALLED EQUIPMENT AND APPARATUS.
   - B. ADVANCE NOTICE OF NOT LESS THAN 48 HOURS SHOULD BE GIVEN TO THE OWNER OR THE OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING THE DEMONSTRATION. NO EQUIPMENT OR APPARATUS WILL BE ACCEPTED UNTIL DEMONSTRATION HAS BEEN PERFORMED AND ACCEPTED.

GENERAL REMOVAL NOTES (CONT.)

12. FOR DURATION OF PROJECT, EXISTING CONSTRUCTION AND/OR EQUIPMENT TO REMAIN FROM DAMAGE OR CONSTRUCTION ACTIVITIES. WHERE CONSTRUCTION ACTIVITIES RESULT IN DAMAGE TO EXISTING CONSTRUCTION TO BE RETAINED, REPLACE/REPAIR EXISTING CONSTRUCTION TO RETURN IT TO ITS ORIGINAL CONDITION. WHERE REMOVAL OF EXISTING CONSTRUCTION, PIPING, DUCTWORK, AND OTHER ITEMS CREATES OPENINGS IN WALLS, FLOORS OR CEILINGS, PATCH OPENINGS IMMEDIATELY WITH SAME MATERIALS AS ADJACENT CONSTRUCTION AND/OR TO MAINTAIN REQUIRED FIRE RATING.

13. COORDINATE WITH OWNER FOR EQUIPMENT TO BE SALVAGED AND RETURNED TO OWNER. THE OWNER WILL RETAIN ALL SALVAGE THAT IS OF VALUE AS DESIGNATED BY THE USER OR BUILDING ENGINEER. REMOVE FROM THE BUILDING AND DISPOSE OF IN A LAWFUL MANNER ALL DEBRIS AND/OR ITEMS NOT RETAINED BY OWNER.

14. INSTALL ADHESIVE MATS INSIDE AND OUTSIDE EACH ACCESS DOOR TO CONSTRUCTION AREA.

CLOSEOUT NOTES (CONT.)

4. PROJECT CLOSE OUT INSPECTIONS
   - A. GENERAL: IN ORDER TO ENSURE THAT ALL CONTRACT REQUIREMENTS ARE MET AND THAT THE WORK IS COMPLETE AND ACCEPTABLE, THE FOLLOWING INSPECTIONS WILL BE MADE IN ADDITION TO THE NORMAL DAILY INSPECTIONS. THE PURPOSE OF THESE INSPECTIONS IS TO FURNISH CONTRACTOR, IN WRITING, LISTS OF CONTRACT EXCEPTIONS, OMIS-SIONS AND INCOMPLETION IN ORDER TO REACH CONTRACT COMPLETION IN AN EXPEDITIOUS AND SATISFACTORY MANNER AND TO ESTABLISH A PHYSICAL COMPLETION DATE.
   - B. PUNCH LIST INSPECTION: WILL BE MADE WHEN THE WORK IS REASONABLY COMPLETE AS DETERMINED BY THE ENGINEER AND/OR THE DESIGNED REPRESENTATIVE. A COPY OF THE DETAILED INSPECTION LIST WILL BE FURNISHED TO THE CONTRACTOR AND WHEN THIS INSPECTION PROGRESSES OVER ANY LENGTH OF TIME, COPIES OF THE LIST WILL BE FURNISHED AS THE INSPECTION PROGRESSES SO THAT THE CONTRACTOR MAY PROCEED WITH THE REQUIRED WORK WITHOUT DELAY.
   - C. PHYSICAL COMPLETION INSPECTION: WHEN CONTRACTOR CONSIDERS THAT THE WORK OR A DESIGNATED PORTION IS ACCEPTABLE TO THE OWNER AS SUBSTANTIALLY COMPLETE, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, ENGINEER AND OWNER OR THE OWNER'S REPRESENTATIVE A LIST OF ITEMS TO BE COMPLETED OR CORRECTED. THE FAILURE TO INCLUDE ANY ITEMS ON SUCH LIST DOES NOT ALTER THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE ALL WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
   - D. FINAL COMPLETION INSPECTION:
     - a. THE CONTRACTOR SHALL ADVISE THE ARCHITECT, ENGINEER AND THE OWNER OR THE OWNER'S REPRESENTATIVE IN WRITING WHEN ALL WORK DESIGNATED AS INCOMPLETE DURING THE PHYSICAL COM-PLETION INSPECTION HAS BEEN COMPLETED.
     - b. ALL CHANGE ORDER WORK MUST BE IDENTIFIED AND COMPLETED 2 WEEKS BEFORE THE FINAL INSPECTION.

. INSPECTIONS BY CONTRACTOR
   - A. NEW YORK BOARD OF FIRE UNDERWRITERS INSPECT COMPLETED INSTALLATION AND PRESENT OWNER WITH CERTIFICATE OF INSPECTION SHOWING APPROVAL.
   - B. REQUIRED LOCAL OR MUNICIPAL INSPECTION PROCESSED AND PRESENT OWNER WITH CERTIFICATE INDICATING APPROVAL OF SUCH GOVERNING BODIES.

CUTTING AND PATCHING GENERAL NOTES

1. UNLESS OTHERWISE INDICATED, THE CONTRACTOR SHALL PROVIDE CUTTING AND PATCHING OF THE EXISTING FACILITY FOR THEIR RESPECTIVE WORK. PATCHING SHALL MATCH EXISTING MATERIALS, FINISHES, AND METHODS OF CONSTRUCTION UNLESS NOTED OTHERWISE.

2. CUTTING AND PATCHING SHALL BE PERFORMED BY THE QUALIFIED TRADE CONTRACTOR.

3. ANY DAMAGE CASED BY DEMOLITION SHALL BE PATCHED AND PAINTED TO MATCH EXISTING.

4. THE CONTRACTOR SHALL PATCH AND REPAIR DAMAGED SURFACES AND PENETRATIONS LEFT AFTER REMOVALS WITHIN THE WORK AREA. THE CONTRACTOR IS TO USE MATERIALS THAT ARE COMPATIBLE WITH THE EXISTING IN PLACE MATERIALS. REFER TO ARCHITECTURAL DRAWINGS/SPECIFICATIONS FOR PROPER PATCHING AND REPAIR. FIRESTOP IF LOCATED IN/ON A FIRE RATED SURFACE.

5. ANY EXISTING UNUSED FLOOR/WALL OPENINGS LEFT BY DEMOLITION OF EXISTING SYSTEMS SHALL BE PATCHED TO MATCH EXISTING. IF WALL IS A FIRE RATED WALL, PATCH SHALL MAINTAIN WALL FIRE RATING.

6. CONNECTION OF NEW SERVICES TO EXISTING SHALL BE IN A NEAT AND APPROVED MANNER WITH DISTURBED SERVICES RESTORED TO ORIGINAL CONDITION.

7. PERFORM CUTTING AND PATCHING WORK AS NOTED AND AS NECESSARY FOR THE INSTALLATION OF THE WORK.

8. CUT, CHANNEL, CHASE, AND DRILL CEILINGS, AND OTHER SURFACES NECESSARY FOR SYSTEM INSTALLATIONS. PERFORM CUTTING BY SKILLED MECHANICS OF TRADE INVOLVED.

9. REPAIR AND/OR REPLACE AT NO COST TO OWNER ALL EQUIPMENT AND MATERIALS DAMAGED DURING CONSTRUCTION.

10. THE CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING OF EXISTING BUILDING STRUCTURE TO FACILITATE AND TO CONCEAL THE WORK DESCRIBED WITHIN THESE DOCUMENTS. SURFACES TO BE PATCHED SHALL BE FINISHED TO MATCH THE EXISTING SURFACE. OWNER HAS FINAL SAY AS TO THE ACCEPTABILITY OF THE FINISHED PATCHED WORK.

11. PIPES AND CONDUITS FOR THE BUILDING SYSTEMS SHALL BE CONCEALED WITHIN FINISHED SPACES UNLESS SPECIFICALLY NOTED OTHERWISE.

GENERAL PAINTING NOTES

1. UNLESS NOTED OTHERWISE, BASIS OF DESIGN IS SHERWIN-WILLIAMS.

2. COLOR(S) AS SELECTED BY OWNER UNLESS NOTED OTHERWISE.

3. REFER TO SPECIFIC NOTES AND DETALS FOR PRODUCT TYPES AND LOCATIONS.

4. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS.

No.	Revision	Date
2	ISSUE FOR CONSTRUCTION	2026.03.18
1	DRAWING UPDATES	2026.03.06

Project Name

TIOGA COUNTY O.H. DOOR

103 CORPORATE DRIVE, OWEGO, NY 13827

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Seal

Phase ISSUE FOR CONSTRUCTION

Project No. 2025.416.001

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Date 2026.03.18

Dsg By KEM **Ckd By** CSL

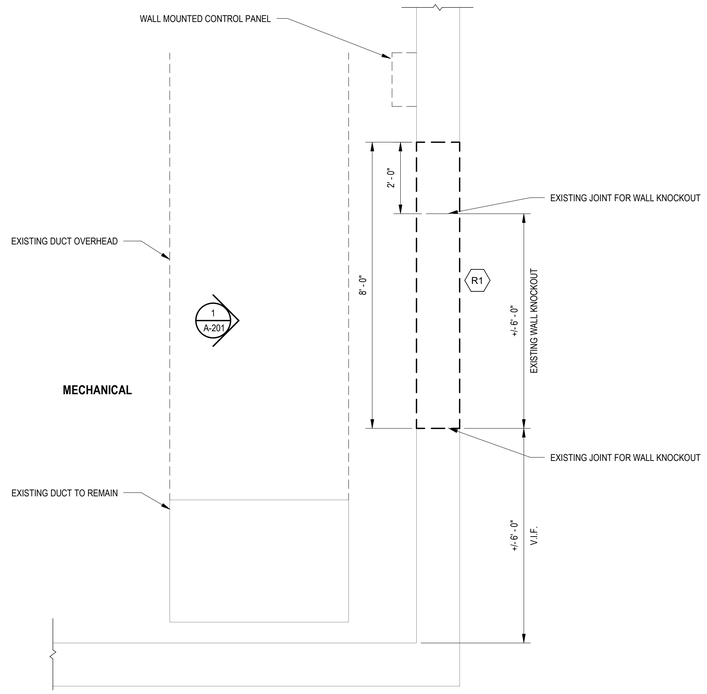
Drawing Title

GENERAL NOTES AND SPECIFICATIONS

Drawing No.

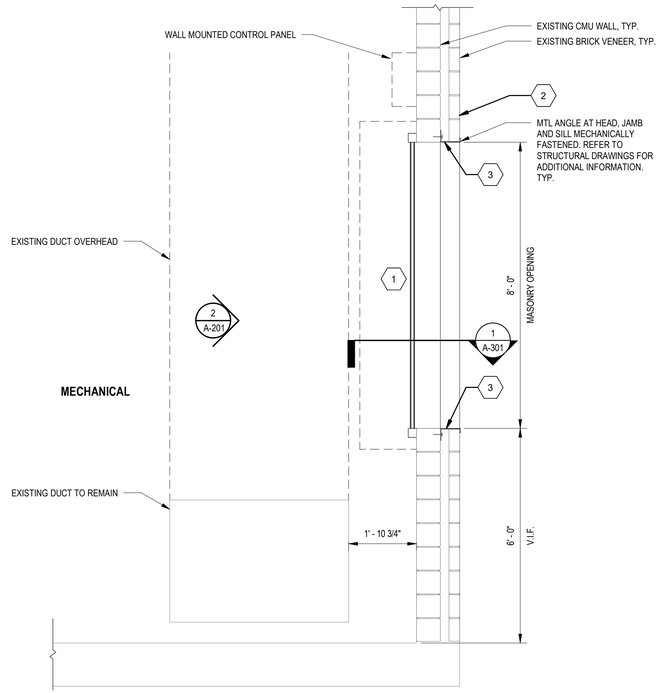
A-001

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1 A-100 **FIRST FLOOR REMOVAL PLAN**

SCALE: 1/2" = 1'-0"



2 A-100 **FIRST FLOOR RENOVATION PLAN**

SCALE: 1/2" = 1'-0"

R#	A-100 REMOVAL KEY NOTES
R1	REMOVE 8'-0" X 7'-4" PORTION OF EXISTING CMU EXTERIOR WALL SYSTEM.

#	A-100 RENOVATION KEY NOTES
1	PROVIDE 8'-0" X 7'-4" INSULATED COILING DOOR SYSTEM WITH MANUAL PULL CHAIN IN CMU WALL OPENING. BASIS OF DESIGN: CORNELL IRON MODEL: ESD20CR
2	REPAIR/REPOINT MASONARY AS REQUIRED TO FACILITATE THE INSTALLATION OF O.H. DOOR.
3	PRIME AND PAINT BENT METAL AROUND PERIMETER OF CMU OPENING. COLOR SELECTED BY OWNER.

OVERHEAD COILING DOOR

BASIS OF DESIGN

MANUFACTURER: CORNELL IRON
MODEL: ESD20CR
OPERATION: MANUAL CHAIN
CURTAIN: 316 STAINLESS OR CLEAR ANODIZED ALUMINUM
HOOD: TO MATCH CURTAIN MATERIAL
R-VALUE: 8
WIND LOAD: UP TO 40 PSF
MOUNTING: FACE OF WALL

OVERHEAD DOOR OPERATOR:

BASIS OF DESIGN

MANUFACTURER: CORNELL IRON
MODEL: MANUAL OPERATOR - CONTROLGARD - MODEL CG
OPERATION: MANUAL CHAIN

PAINT

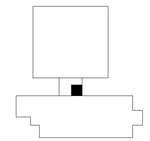
BASIS OF DESIGN

MANUFACTURER: SHERWIN-WILLIAMS
APPLICATION:
1ST COAT PRIMER: SHERWIN-WILLIAMS KEM KROMIK UNIVERSAL METAL PRIMER B50-Z100.
2ND & 3RD COATS: SHERWIN-WILLIAMS PRO INDUSTRIAL ACRYLIC SEMI-GLOSS B66-650. 6-12 MILS WET, 2-4 MILS DRY PER COAT.

NORTH

0' 6" 1' 2' 4'
SCALE: 1/2" = 1'-0"

Key Plan



SCALE: N.T.S.

No.	Revision	Date
2	ISSUE FOR CONSTRUCTION	2026.03.18
1	DRAWING UPDATES	2026.03.06

Project Name

TIOGA COUNTY O.H. DOOR

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Date
2026.03.18

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KEM	CSL

Drawing Title

REMOVAL AND RENOVATION PLANS

Drawing No.

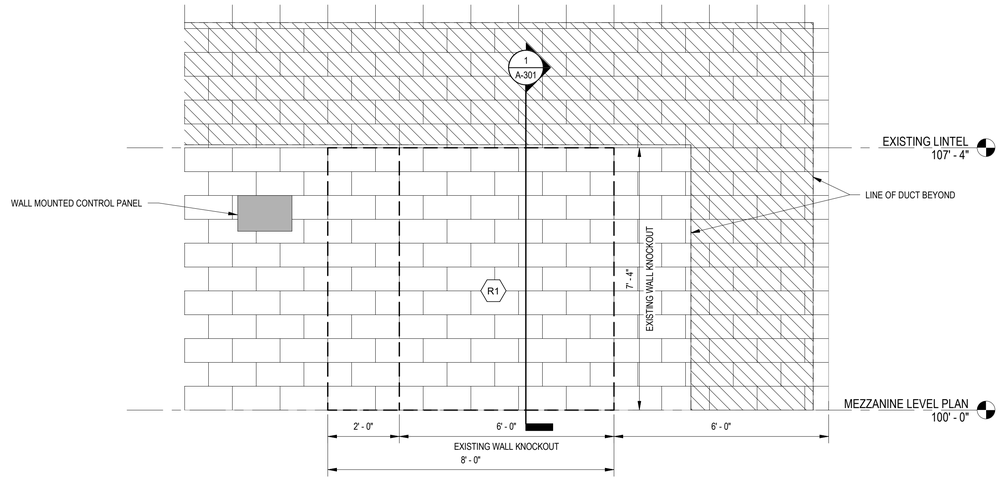
A-100

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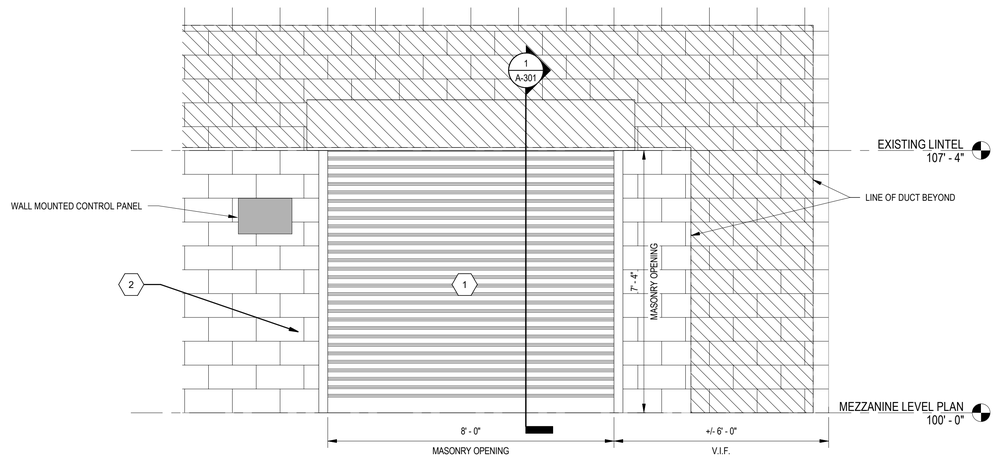
R#	A-201 REMOVAL KEY NOTES
R1	REMOVE 8'-0" X 7'-4" PORTION OF EXISTING CMU EXTERIOR WALL SYSTEM.

#	A-201 RENOVATION KEY NOTES
1	PROVIDE 8'-0" X 7'-4" INSULATED COILING DOOR SYSTEM WITH MANUAL PULL CHAIN IN CMU WALL OPENING. BASIS OF DESIGN: CORNELL IRON MODEL: ESD20CR
2	REPAIR/REPOINT MASONARY AS REQUIRED TO FACILITATE INSTALLATION OF O.H. DOOR.



1 / A-201 **INTERIOR ELEVATION REMOVAL**

SCALE: 1/2" = 1'-0"



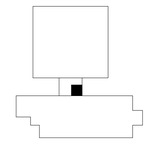
2 / A-201 **INTERIOR ELEVATION RENOVATION**

SCALE: 1/2" = 1'-0"

0' 6" 1' 2' 4'

SCALE: 1/2" = 1'-0"

Key Plan



SCALE: N.T.S.

No.	Revision	Date
2	ISSUE FOR CONSTRUCTION	2026.03.18
1	DRAWING UPDATES	2026.03.06

Project Name

TIOGA COUNTY O.H. DOOR

103 CORPORATE DRIVE, OWEGO, NY 13827

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Phase
ISSUE FOR CONSTRUCTION

Project No.
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Date
2026.03.18

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KEM	CSL

Drawing Title

INTERIOR ELEVATIONS

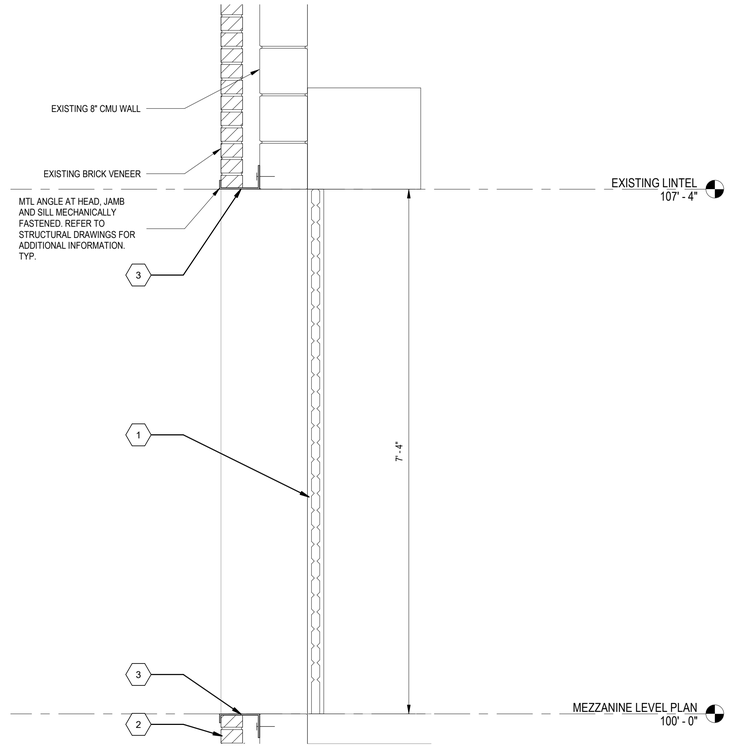
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A-201

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#	A-301 RENOVATION KEY NOTES
1	PROVIDE 8'-0" X 7'-4" INSULATED COILING DOOR SYSTEM WITH MANUAL PULL CHAIN IN CMU WALL OPENING. BASIS OF DESIGN: CORNELL IRON MODEL: ESD20CR
2	REPAIR/REPOINT MASONARY AS REQUIRED TO FACILITATE THE INSTALLATION OF O.H. DOOR.
3	PRIME AND PAINT BENT METAL AROUND PERIMETER OF CMU OPENING. COLOR SELECTED BY OWNER.



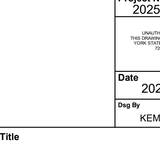
1 / A-301 **WALL SECTION - OVERHEAD DOOR**

SCALE: 1" = 1'-0"

0' 3" 6" 1' 2'

SCALE: 1" = 1'-0"

Key Plan



SCALE: N.T.S.

No.	Revision	Date
2	ISSUE FOR CONSTRUCTION	2026.03.18
1	DRAWING UPDATES	2026.03.06

Project Name

TIOGA COUNTY O.H. DOOR

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Phase
ISSUE FOR CONSTRUCTION

Project No.
2025.416.001

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Date
2026.03.18

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KEM	CMW

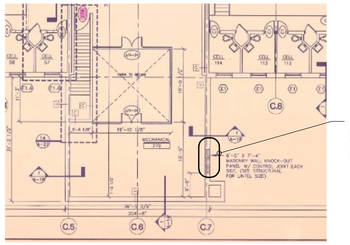
Drawing Title

WALL SECTION - OVERHEAD DOOR

Drawing No.

A-301

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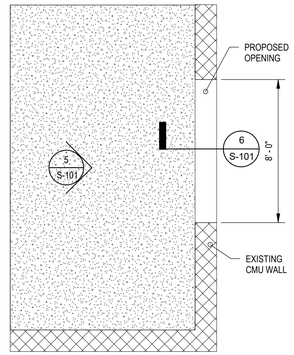
1 S-101 EXISTING KNOCK OUT PLAN

SCALE: 3/4" = 1'-0"



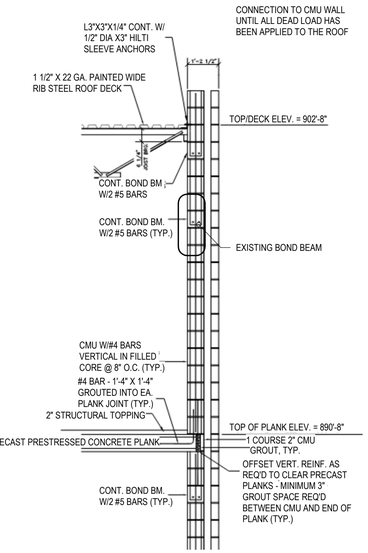
2 S-101 EXISTING KNOCKOUT

SCALE: 3/4" = 1'-0"



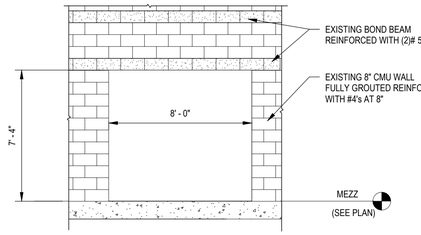
4 S-101 OPENING PLAN

SCALE: 1/4" = 1'-0"



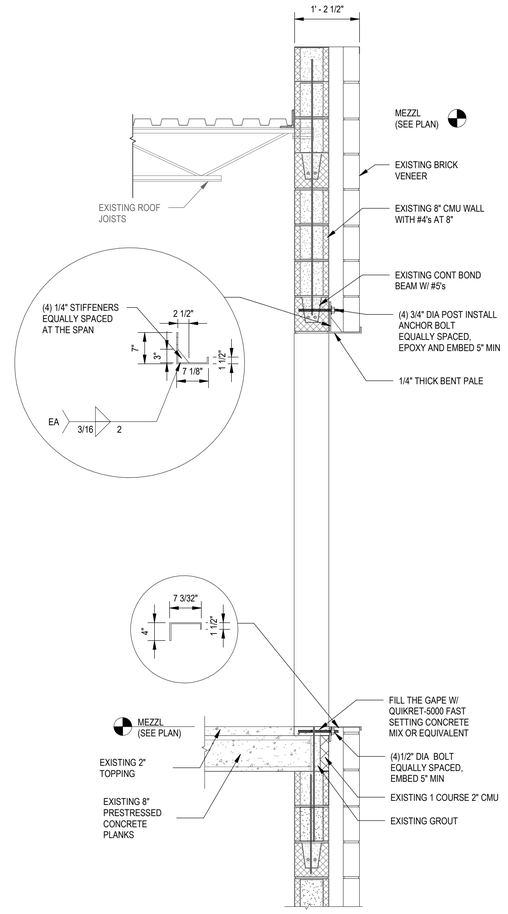
3 S-101 EXISTING WALL SECTION

SCALE: 3/4" = 1'-0"



5 S-101 LINTEL ELEVATION

SCALE: 1/4" = 1'-0"



6 S-101 LINTEL BEAM SECTION

SCALE: 3/4" = 1'-0"

INSTALLATION PROCEDURE

1. CAREFULLY REMOVE THE DESIGNATED CONCRETE MASONRY UNIT (CMU) FROM THE EXISTING KNOCK OUT IN THE WALL AND EXTEND THE OPENING TO THE SPECIFIED DIMENSIONS ON THE SOUTH SIDE.
2. THE EXISTING CONTINUOUS REINFORCED BOND BEAM (WITH TWO #5 REBARS) IS SUFFICIENT TO SERVE AS THE LINTEL FOR THE NEW OPENING.
3. INSTALL TEMPORARY SHORING AND SUPPORT SYSTEMS FOR THE EXTERIOR BRICK VENEER TO ENSURE STABILITY DURING CONSTRUCTION.
4. BENT PLATE INSTALLATION (UPPER):
   a. PROVIDE THE PREFABRICATED BENT PLATE AS DETAILED IN THE DRAWINGS.
   b. DRILL HOLES THROUGH THE VENEER AT THE FOUR DESIGNATED BOLT LOCATIONS.
   c. SECURE THE BENT PLATE BY DRILLING PILOT HOLES INTO THE EXISTING BOND BEAM AND INSTALLING EPOXY- ANCHORED BOLTS.
   d. RESTORE THE BRICK VENEER AT THE BOLT LOCATIONS FOLLOWING INSTALLATION.
5. PROVIDE AND INSTALL THE LOWER BENT PLATE AT THE BOTTOM OF THE OPENING AS INDICATED IN THE PLANS.
6. FURNISH AND INSTALL THE OVERHEAD DOOR ACCORDING TO THE ARCHITECTURAL DRAWINGS.
7. THE INSTALLATION PROCEDURE IS BASED ON THE AVAILABLE INFORMATION PROVIDED IN THE EXISTING DRAWING. SHOULD THE ACTUAL, EXISTING CONDITIONS DIFFER FROM THOSE SPECIFIED, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD.

MATERIAL OPTIONS

VENEER MORTAR: QUIKRETE, FAST SET REPAIR MORTAR MIX PREMIXED WHITE ADHESIVE MORTAR, RAPID SET HIGH-PERFORMANCE, FAST-SETTING MORTAR MIX OR EQUIVALENT

ANCHOR BOLT EPOXY: HIT-HY 200-R EPOXY ADHESIVE. SET-XP® HIGH-STRENGTH EPOXY ADHESIVE. SIKA- ANCHOR FIX-1 HIGH STRENGTH FAST CURING ANCHORING ADHESIVE.

ANCHOR RODS: 3/4 in AND ½" HAS-E Carbon Steel, ASTM F1554 Grade 55. Zinc-Plated Threaded Anchor Rod. SIMPSON 3/4 in AND ½" Hot-Dip Galvanized Retrofit Bolt

Key Plan

No.	Revision	Date

Project Name

TIOGA COUNTY O.H. DOOR

103 COORPORATE DRIVE , OWEGO, NY 13827

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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CERTIFICATE OF AUTHORIZATION #: 019598

Seal

Phase
ISSUE FOR CONSTRUCTION

Project No.
2025.416.001

UNAUTHORIZED ALTERATION OF THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209, SUBDIVISION 2.

Date
2025.12.04

Dsg By	Ckd By
NRN	RS

Drawing Title

LINTEL PLAN AND DETAILS

Drawing No.

S-101

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