PROVIDE ALL WORK AND MATERIALS AS REQUIRED HEREIN AND ON THE DRAWINGS IN FULL ACCORDANCE WITH IMC AND IECC AND ALL OTHER ORDINANCES AND/OR REGULATIONS HAVING JURISDICTION OVER THIS WORK.

DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS UNLESS SPECIFICALLY DIMENSIONED. COORDINATE WITH THE VANE. OTHER TRADES TO AVOID INTERFERENCE. SHOULD MECHANICAL WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY FRAMING REVISIONS, EQUIPMENT LOCATION, ADDITION OF CONTROLS ELECTRICAL CIRCUITING REVISIONS, ETC., THAT ARE A RESULT OF USING EQUIPMENT OTHER THAN THOSE INDICATED ON THE DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ARCHITECT/ENGINEER WILL NOT WAIVE THE CONTRACTOR OF RESPONSIBILITY.

ALL EQUIPMENT, MATERIALS, AND WORKMANSHIP TO BE WARRANTED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK.

CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT AS SHOWN ON PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY ADJUSTMENTS, CALIBRATION AND MATERIAL AS REQUIRED SO THAT THE SYSTEM IS FULLY OPERATIONAL.

THE MECHANICAL CONTRACTOR SHALL HAVE THE FINAL RESPONSIBILITY FOR SYSTEM START UP AND TURN OVER TO THE OWNER. WORK PLANS TO BE CONSIDERED AS DIAGRAMMATIC AND REFLECT A MINIMUM ACCEPTABLE STANDARD. ALL WORK SHALL CONFORM TO THE

ALL GAS FIRED EQUIPMENT SHALL BE NATURAL GAS.

LOCAL CODE.

REFRIGERANT PIPING AND SIZES SHALL BE SIZED BY EQUIPMENT MANUFACTURER AND INSTALLED BY CONTRACTOR.

ALL MECHANICAL PENETRATIONS THROUGH THE ROOF SHALL BE MADE WATER TIGHT WITH THE ROOF BY PROPER FLASHING. ROOF FLASHING B' ROOF CONTRACTOR.

WHEN INSTALLING ANY MECHANICAL EQUIPMENT, G.C. SHALL PROPERLY SHORE, BRACE, SUPPORT, ETC., ANY CONSTRUCTION TO GUARD AGAINST ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK BELOW ATTIC SHALL HAVE 1" THICK INTERNAL FIBERGLASS DUCT LINER. CRACKING, SETTLING, COLLAPSING, DISPLACING OR WEAKENING. NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

ALL AC EQUIPMENT SHALL USE ALTERNATIVE REFRIGERANT TO R-22, R-410A.

GENERAL PLUMBING NOTES (NOT ALL WILL BE APPLICABLE)

CONTRACTOR TO FIELD VERIFY EXISTING UNDERGROUND PLUMBING SERVICE AND PROVIDE NEW UNDERGROUND PLUMBING SERVICE TO TIE INTO EXISTING SYSTEM AS REQUIRED FOR A COMPLETE AND OPERABLE PLUMBING SYSTEM.

PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL PLUMBING SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES.

CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING AND PAINTING NECESSARY FOR INSTALLATION OF WORK.

PROVIDE 1-YEAR LABOR AND MATERIAL WARRANTY COMMENCING AT SUBSTANTIAL COMPLETION OF JOB.

WATER PIPING SHALL BE TYPE L HARD COPPER WITH 1/2" ARMAFLEX.

WASTE AND VENT PIPING SHALL BE SCH. 40 PVC-DWV.

PROVIDE 0.5 GPM THERMOSTATIC TEMPERING VALVE ON HOT WATER FIXTURE SUPPLY BELOW EACH LAVATORY.

ALL MATERIALS SHALL BE NEW AND SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AT SITE.

ALL FIXTURES SHALL BE COMPLETE AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAIL PIECES, ESCUTCHEONS, ETC. TRAPS FOR ALL LAVATORIES SHALL BE REMOVABLE. LOCATE VALVES IN A READILY ACCESSIBLE LOCATION.

ALL PIPING, APPARATUS, EQUIPMENT, ETC. SHALL BE PROPERLY SUPPORTED, BRACED VERTICALLY AND HORIZONTALLY IN ACCORDANCE WITH APPLICABLE CODES.

ALL VALVES, CLEANOUTS, ETC., SHALL BE LOCATED AND INSTALLED TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS. PROVIDE CLEANOUTS ON ALL ACCESSIBLE TRAPS.

STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH APPLICABLE CODES.

ALL WATER PIPING SHALL BE INSULATED AND SHALL NOT BE RUN IN AREAS SUBJECT TO FREEZING TEMPERATURES. PROVIDE WATER HAMMER ARRESTERS AND VACUUM BREAKERS AS REQUIRED BY CODE.

ALL PLUMBING FIXTURES MUST BE VENTED IN ACCORDANCE WITH APPLICABLE PLUMBING CODE INCLUDING LOCAL CODES.

CAULK AROUND ALL PLUMBING FIXTURES INSTALLED. CAULK SHALL BE NON-HARDENING, NON-YELLOWING, MILDEW RESISTANT SILICONE AND IN A COLOR TO MATCH THE PLUMBING FIXTURE.

PLUMBING MUST MEET OR EXCEED THE REQUIREMENTS OF: TITLE 77: PUBLIC HEALTH CHAPTER I: DEPARTMENT OF PUBLIC HEALTH SUBCHAPTER r: WATER AND SEWAGE PART 890 ILLINOIS PLUMBING CODE

ELECTRICAL GENERAL NOTES (NOT ALL WILL BE APPLICABLE)

ALL LIGHTING FIXTURES SHALL BE RATED FOR BUILDING SYSTEM VOLTAGE. CONTRACTOR MUST VERIFY ALL LOCATIONS, FURNISH AND INSTALL EACH LIGHTING FIXTURE WITH INSTALLATION AND HANGING HARDWARE AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION.

ALL FIXTURES SHALL BE "U.L." LABELED. ALL LIGHTING FIXTURES EXPOSED TO WEATHER OR MOISTURE SHALL BEAR U.L. "WET LOCATION" LABEL, AND LIGHTING FIXTURES EXPOSED TO DAMPNESS SHALL BEAR U.L. "DAMP LOCATION" LABEL.

ALL EXIT SIGNS SHALL BE INSTALLED COMPLETE WITH ALL INSTALLATION AND HANGING ACCESSORIES TO PROVIDE AN UNOBSTRUCTED VIEW OF EACH SIGN FACE AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND LOCATION OF ALL EXIT SIGNS WITH LOCAL AUTHORITIES. MOUNT SIGNS AT MAXIMUM 8'-0" IN HIGH CEILING AREA.

ALL EXIT SIGNS AND BATTERY EMERGENCY UNITS MUST BE APPROVED BY LOCAL CODE, AND MAINTAIN A MINIMUM OF 90 MINUTES OF CONTINUOUS ILLUMINATION.

ELECTRICAL CONTRACTOR SHALL VERIFY TOTAL CONNECTED LOADS AND HORSE POWER WITH OTHER TRADES CONTRACTORS PRIOR TO WIRING OF ALL EQUIPMENT.

CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS WITH OWNER PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION.

ALL ELECTRICAL CONDUITS ALONG WALLS SHALL BE DROPPED DIRECTLY FROM CEILING OVERHEAD DOWN TO DEVICE BELOW. HORIZONTAL CONDUIT WALL RUNS TO BE LIMITED ONLY AS REQUIRED.

ALL WIRING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE "NEC" AND LOCAL CODE AUTHORITIES HAVING JURISDICTION.

CONTRACTOR TO WIRE ALL HVAC CONTROL DEVICES AND COORDINATE WITH OTHERS.

ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT. ALL OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.

ALL RECEPTACLES WITHIN 6 FT. OF A SINK SHALL BE GFI PROTECTED LIGHTS, LIGHT SWITCHES AND RECEPTACLE LOCATIONS NOTED ON DRAWINGS.

BUILDING TO BE CLEANED OF DEBRIS AT ROUGH-IN AND TRIM-OUT. ALL FURNACES TO HAVE DISCONNECTS AT LOCATIONS REQUIRED BY NEC.

ALL SMOKE DETECTORS TO BE PLACED EVERY 30 FT. IN COMMON AREAS OR PER FIRE ALARM CODE.

ALL PIPES 3" OR GREATER PENETRATING WALL TOP PLATES MUST RUN THROUGH A METAL SLEEVE. SLEEVE TO GO FROM TOP OF WALL CAVITY INTO ATTIC SPACE.

ALL OUTLETS TO BE SET AT 20" TO BOTTOM OF BOX ABOVE FLOOR.

ALL HVAC EQUIPMENT MUST HAVE AN OUTLET WITHIN 25 FT. FOR SERVICING.

ALL BREAKERS IN PANELS TO BE LABELED.

ALL RECEPTACLES IN DAMP AND/OR WET LOCATIONS SHALL BE WEATHER RESISTANT.

ALL LIGHTING IN ELECTRICAL EQUIPMENT WORK SPACES SHALL NOT BE CONTROLLED BY AUTOMATIC MEANS ONLY.

GENERAL DEMOLITION NOTES

4. Removal of all debris.

architectural plans.

The extent of demolition work is shown on the drawings and generally includes: 1. Dust control. 2. Removal of existing walls, ceiling finishes, doors, frames, structure, concrete, sub-grade structures, equipment and other items indicated. 3. Disconnecting and removing any existing utilities or services required.

If existing, active services are not indicated but are encountered, require protection or General Contractor shall do all demolition, cutting, patching, removal of walls, wall facings, etc., relocating, request from Owner in writing for determination and decisions prior to continuing indicated, specified or both. It shall be the general contractor's responsibility to examine all work. Do not proceed until written instructions are obtained. drawings and to become personally familiar with the requirements of all trades as to the extent of the cutting and patching that will be necessary in all areas in addition to those shown on the

It shall be the general contractor's responsibility to personally visit the site to determine the locations and extent of existing partitions, walls, built-in items, nature of existing materials, finishes, and other conditions affecting the work.

In general, all necessary cutting & patching shall be done by the general contractor. All areas Unless otherwise specifically approved, use only new and solid lumber of utility grade or better shall be patched with the same material as removed or with new materials indicated. Finishes to construct temporary barriers. shall be verified by the Contractor at job site.

Provide temporary partition barriers to prohibit public entering areas to be remodeled.

Maintain all required fire exits and lanes, erect and maintain barriers, fences, rails, guards, lighting, etc. as required by federal, state and local laws and regulations to protect personnel and to ensure safety for the public.

The general contractor shall exercise care to protect the existing building from damage, and shall replace and repair at no additional cost to the Owner, damage that he may cause.

Take precautions to guard against movement or settlement; provide bracing or shoring as necessary; be responsible for safety, support of existing structure; be liable for any such movement or settlement, any damage or injury caused thereby or resulting therefrom.

INSTALL AND SIZE REFRIGERANT PIPING PER MFR. INSTRUCTIONS. ROUTE REFRIGERANT PIPING OUT OF SITE TO ASSOCIATED AIR HANDLER.

ALL RECTANGULAR 90 DEGREE ELBOWS AND TEE'S SHALL BE EQUIPPED WITH SINGLE THICKNESS TURNING VANES MOUNTED TO A PREFABRICATED

REGISTERS, GRILLES AND DIFFUSERS SHALL BE THE SIZE, TYPE AND FINISH SHOWN ON THE EQUIPMENT SCHEDULE. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL MAKE ADJUSTMENTS AS NECESSARY TO FIT CONSTRUCTION.

ALL DUCTWORK SHALL BE SUPPORTED FROM ROOF OR FLOOR STRUCTURE ABOVE. DUCTWORK SHALL NOT LAY ON TOP OF CEILING OR LIGHT FIXTURES.

FLEXIBLE DUCT RUN OUTS TO AIR DEVICES SHALL NOT EXCEED 8'-0" IN LENGTH.

FLEXIBLE DUCTS SHALL BE INSTALLED TO PROVIDE SWEEPING CONFIGURATIONS WITH NOT LESS THAN MANUFACTURER'S RECOMMENDED BEND RADIUS. FLAT BANDING MATERIAL NOT LESS THAN 1-1/2" WIDE SHALL BE USED TO SUSPEND FLEXIBLE DUCTS. DUCTING FURNISHED WITH FACTORY INSTALLED GROMMETS SHALL BE SUSPENDED BY WIRE ATTACHED TO GROMMETS.

ALL DEVICES IN RATED DRYWALL CEILINGS SHALL HAVE INTEGRAL FIRE / RADIATION DAMPERS.

TRANSITION DUCT WHERE REQUIRED TO NECK SIZE ON AIR DEVICE.

90A.

ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK IN ATTIC SHALL BE INSULATED WITH 2' THICK FIBERGLASS WRAP INSULATION.

WALL AND ROOF CAPS SHALL BE ALUMINUM, COLOR TO MATCH ADJACENT WALL OR ROOF. INLET TO CAP SHALL BE SAME SIZE AS DUCT SERVING.

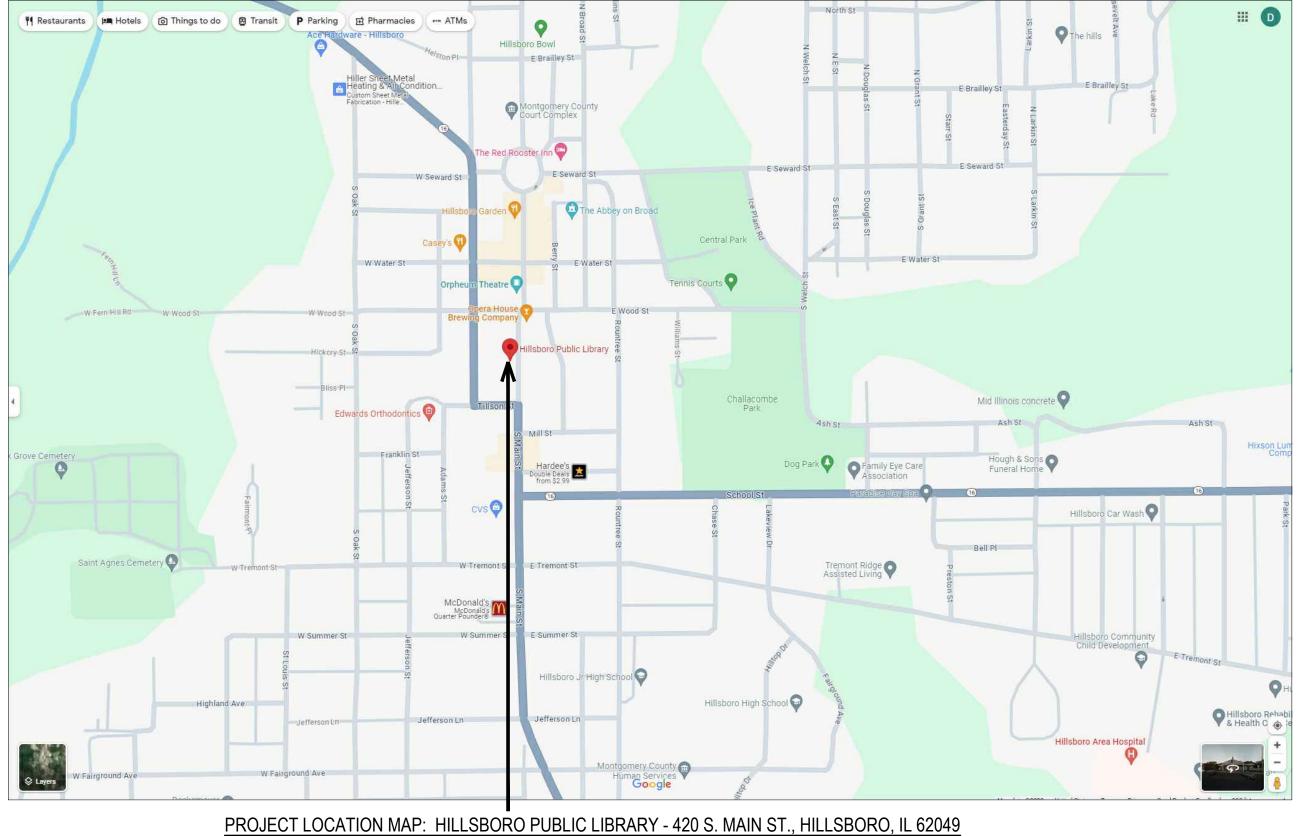
AIR CONDITIONING AND VENTILATION SYSTEMS SHALL BE INSTALLED AS REQUIRED BY THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD

INSTALL THERMOSTATS 48" ABOVE FINISHED FLOOR. THERMOSTAT WIRING BY HVAC CONTRACTOR.

DUCTWORK SHALL BE FABRICATED AND SUPPORTED PER SMACNA STANDARDS. TRANSITIONS SHALL BE MADE PER SMACNA STANDARDS.

HILLSBORO PUBLIC LIBRARY - BASEMENT REMODEL - 420 S. MAIN ST., HILLSBORO, IL 62049





Illinois Design Firm Lic. No. 184005270-0001 www.lipearchitecture.com cell: 217-827-4038

603 School Street

Nokomis, IL 62075

DAVID K. LIPE 001-018457

Any damage to lawns, shrubbery, curbs, drives, walks, etc., shall be restored to their original condition.

When encountered in work or as indicated, protect existing active utility services, where required for proper execution of work, relocate them as directed.

Coordinate and schedule with Owner to provide for minimum inconvenience and disturbance.

Dust control must be provided for removal of existing work, equipment, items, etc. for the project in general. Dust control shall be designed to prevent dust from spreading into existing areas, services, or facilities. Contractor shall determine his own method of dust control and be responsible for same.

Any salvageable items shall remain the property of the Owner.

All debris, waste and excessive materials shall be removed from the building and job site as it accumulates and be legally disposed of.

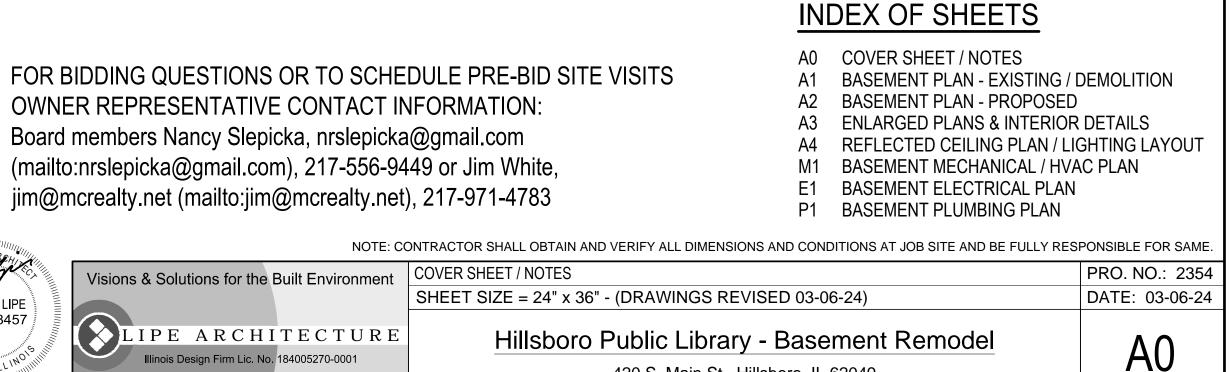
Remove all tools, materials, structures, and equipment after each demolition operation is completed

> Applicable building codes: 2015 International Building Code 2015 International Fire Code 2015 International Existing Building Code 2015 International Property Maintenance Code 2015 International Fuel Gas Code 2015 International Mechanical Code 2015 International Plumbing Code 2015 International Zoning Code 2014 NFPA 70 – National Electrical Code In addition, the City has the responsibility to enforce the following State-required codes and statutes 2015 Illinois Energy Conservation Code (Illinois Dept. of Commerce and Equal Opportunity) Current Illinois Plumbing Code (Illinois Dept. of Public Health) Current Illinois Accessibility Code (Illinois Capital Development Board) 2000 NFPA 101 Life Safety Code (State Fire Marshal)

STATEMENT OF COMPLIANCE

I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act (410 ILCS 25) and the Illinois Accessibility Code (71 III. Adm. Code 400).

Illinois Registration No.: 001-018457 Date: 12/30/23



420 S. Main St., Hillsboro, IL 62049

GENERAL DEMOLITION NOTES

The extent of demolition work is shown on the drawings and generally includes:

1. Dust control. 2. Removal of existing walls, ceiling finishes, doors, frames, structure, concrete, sub-grade structures, equipment and other items indicated.

3. Disconnecting and removing any existing utilities or services required. 4. Removal of all debris.

General Contractor shall do all demolition, cutting, patching, removal of walls, wall facings, etc., indicated, specified or both. It shall be the general contractor's responsibility to examine all drawings and to become personally familiar with the requirements of all trades as to the extent of the cutting and patching that will be necessary in all areas in addition to those shown on the architectural plans.

It shall be the general contractor's responsibility to personally visit the site to determine the locations and extent of existing partitions, walls, built-in items, nature of existing materials, finishes, and other conditions affecting the work.

In general, all necessary cutting & patching shall be done by the general contractor. All areas shall be patched with the same material as removed or with new materials indicated. Finishes shall be verified by the Contractor at job site.

Provide temporary partition barriers to prohibit public entering areas to be remodeled.

Maintain all required fire exits and lanes, erect and maintain barriers, fences, rails, guards, lighting, etc. as required by federal, state and local laws and regulations to protect personnel and to ensure safety for the public.

The general contractor shall exercise care to protect the existing building from damage, and shall replace and repair at no additional cost to the Owner, damage that he may cause.

Take precautions to guard against movement or settlement; provide bracing or shoring as necessary; be responsible for safety, support of existing structure; be liable for any such movement or settlement, any damage or injury caused thereby or resulting therefrom.

Any damage to lawns, shrubbery, curbs, drives, walks, etc., shall be restored to their original condition.

When encountered in work or as indicated, protect existing active utility services, where required for proper execution of work, relocate them as directed.

If existing, active services are not indicated but are encountered, require protection or relocating, request from Owner in writing for determination and decisions prior to continuing work. Do not proceed until written instructions are obtained.

Coordinate and schedule with Owner to provide for minimum inconvenience and disturbance. Dust control must be provided for removal of existing work, equipment, items, etc. for the project in general. Dust control shall be designed to prevent dust from spreading into existing areas, services, or facilities. Contractor shall determine his own method of dust control and be

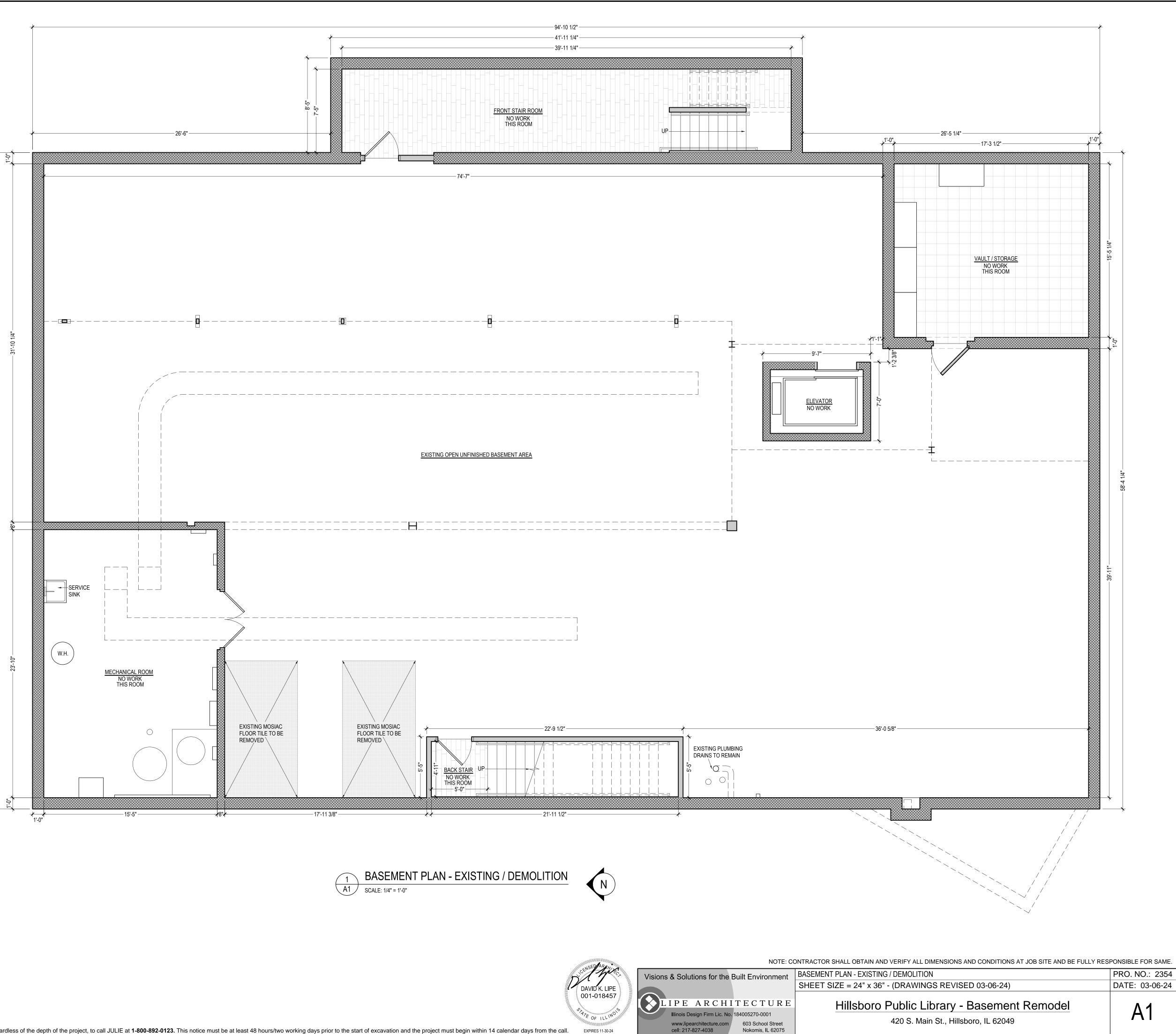
Unless otherwise specifically approved, use only new and solid lumber of utility grade or better to construct temporary barriers.

Any salvageable items shall remain the property of the Owner.

responsible for same.

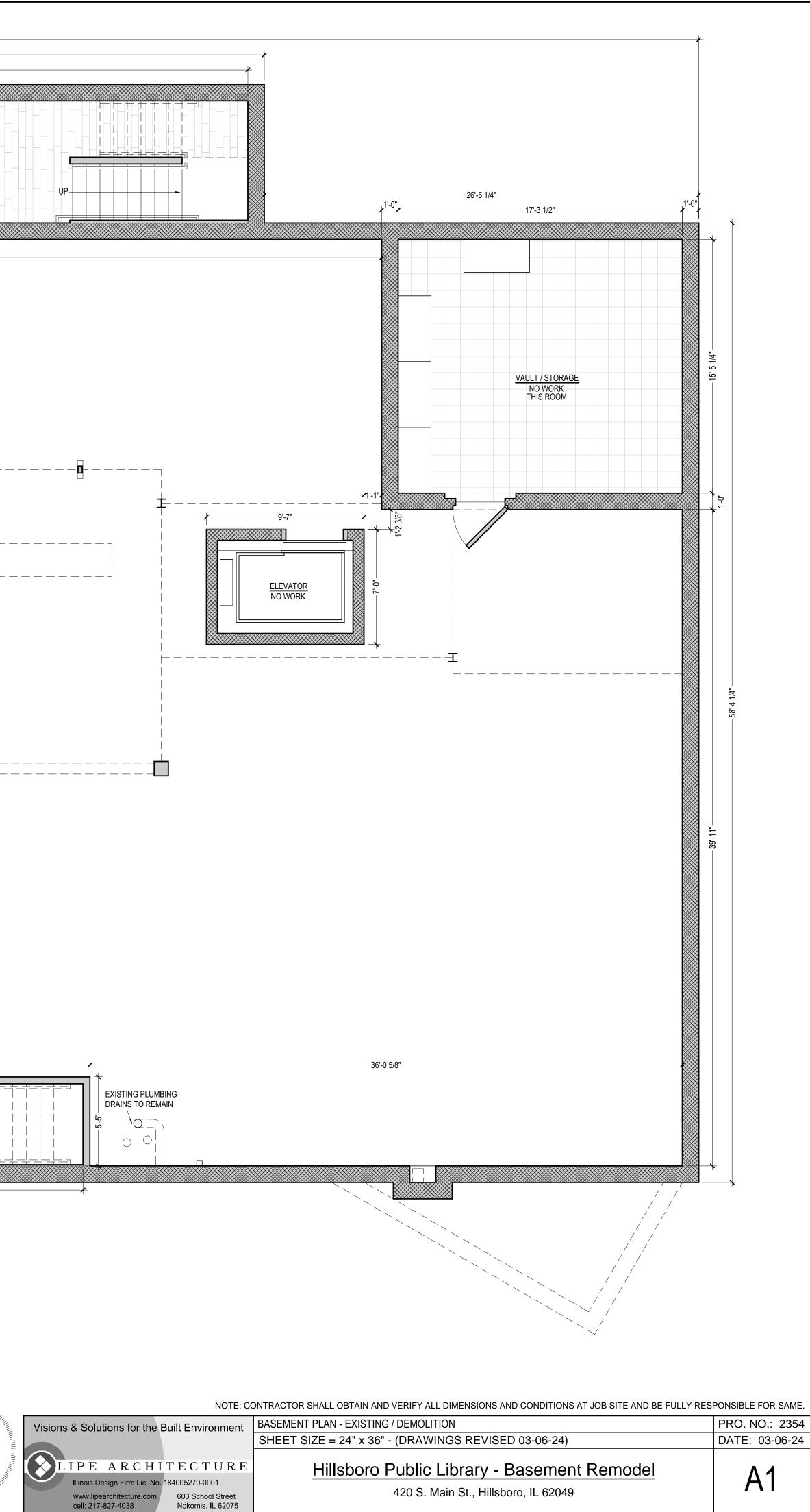
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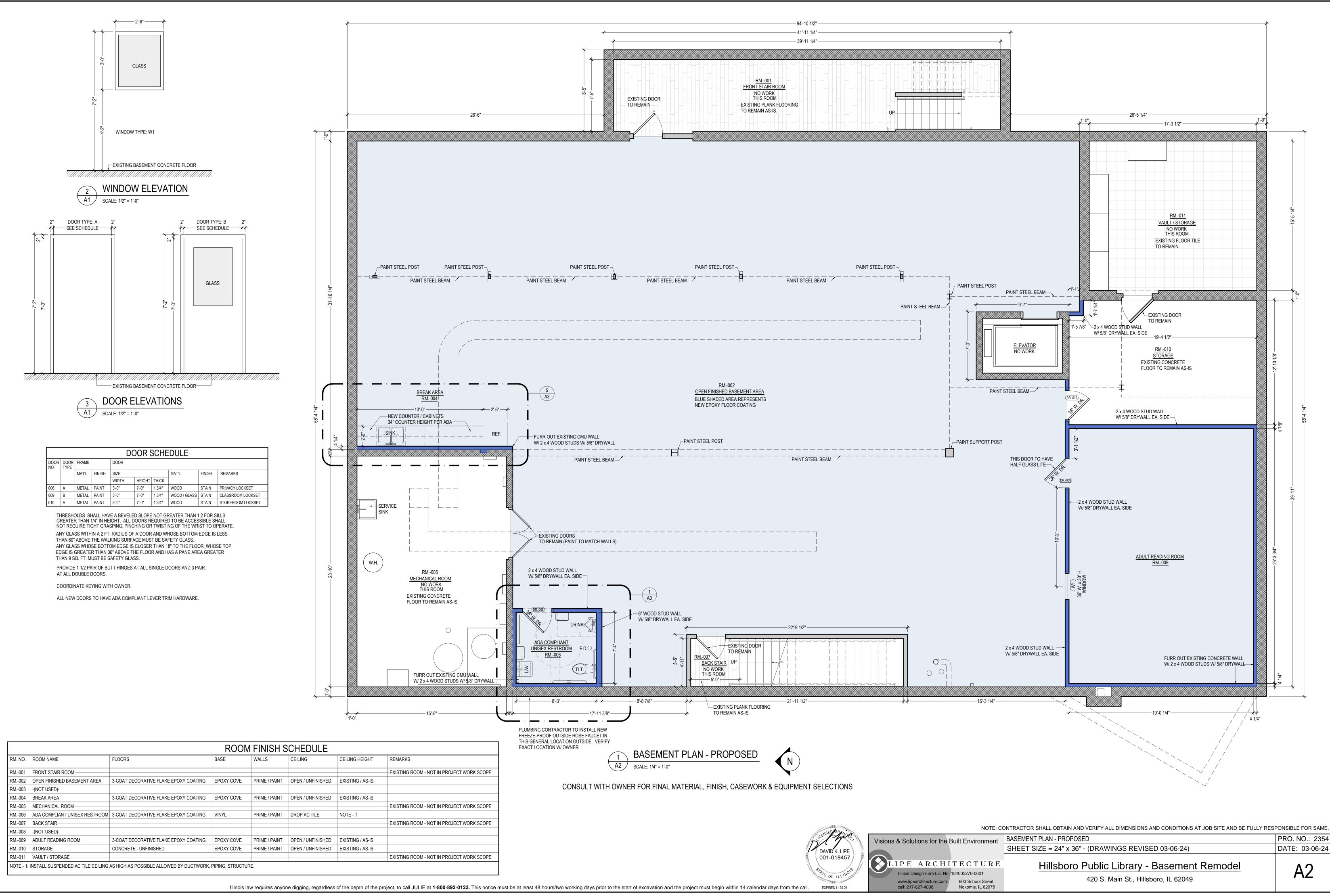
Remove all tools, materials, structures, and equipment after each demolition operation is completed.

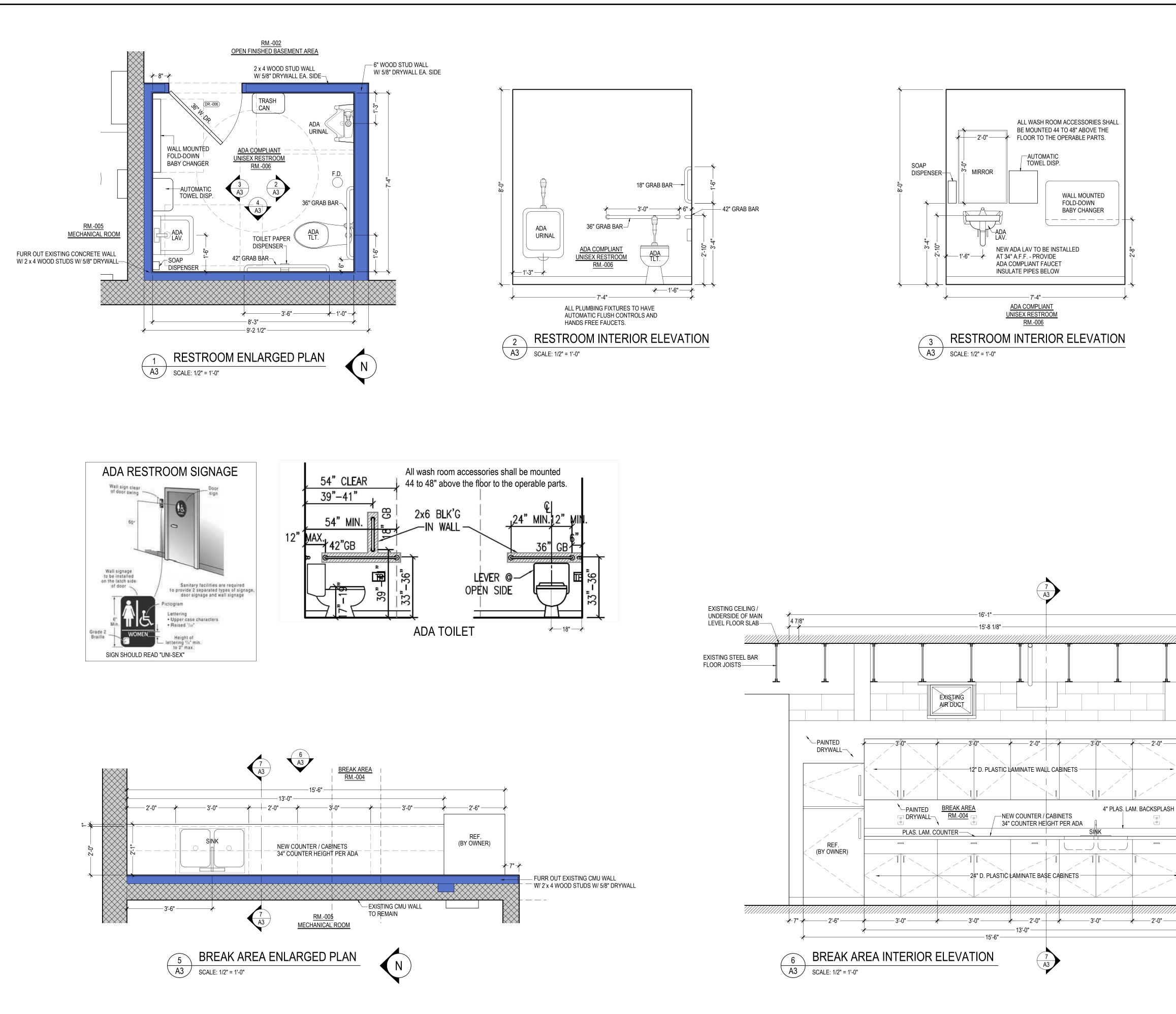


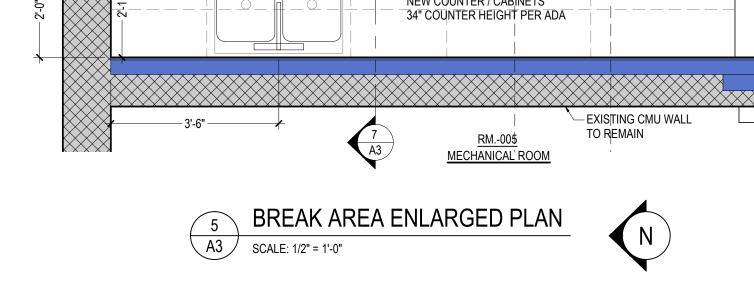






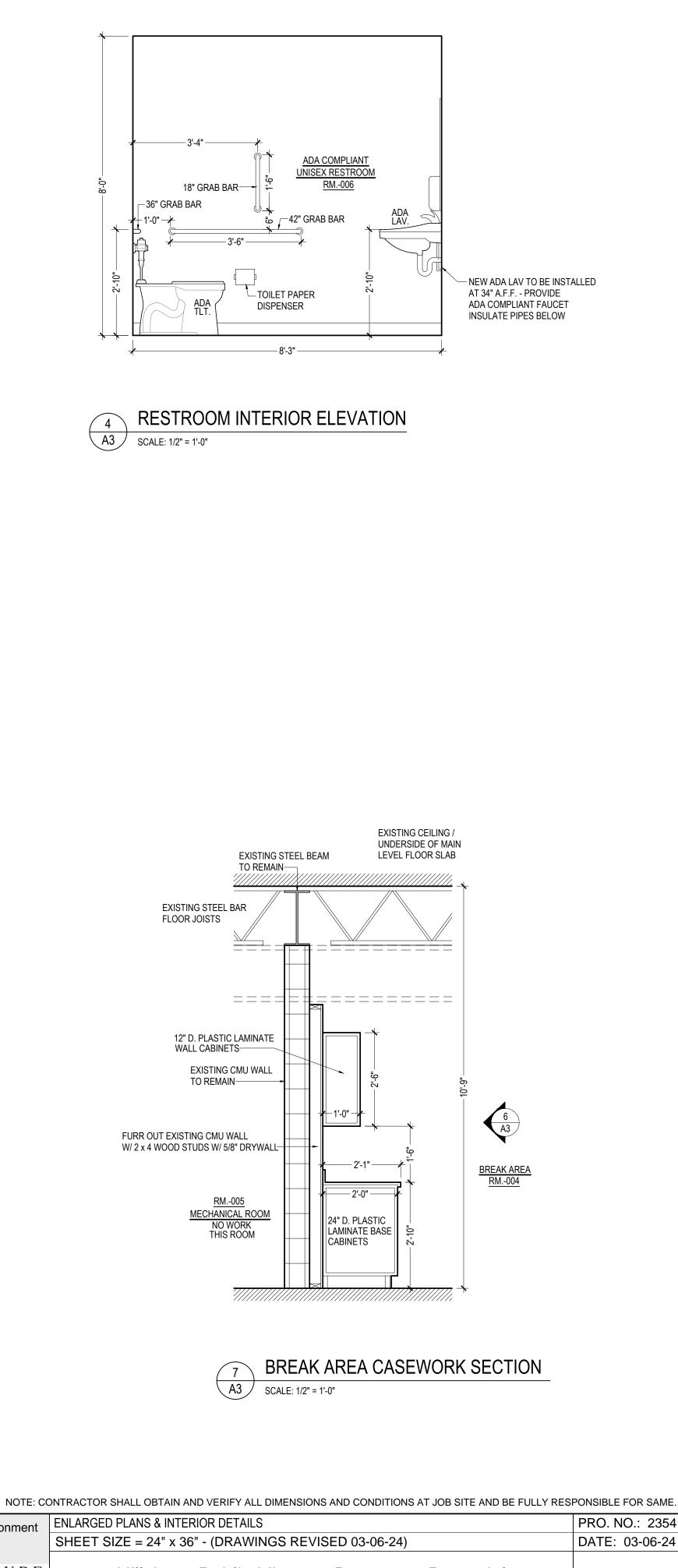






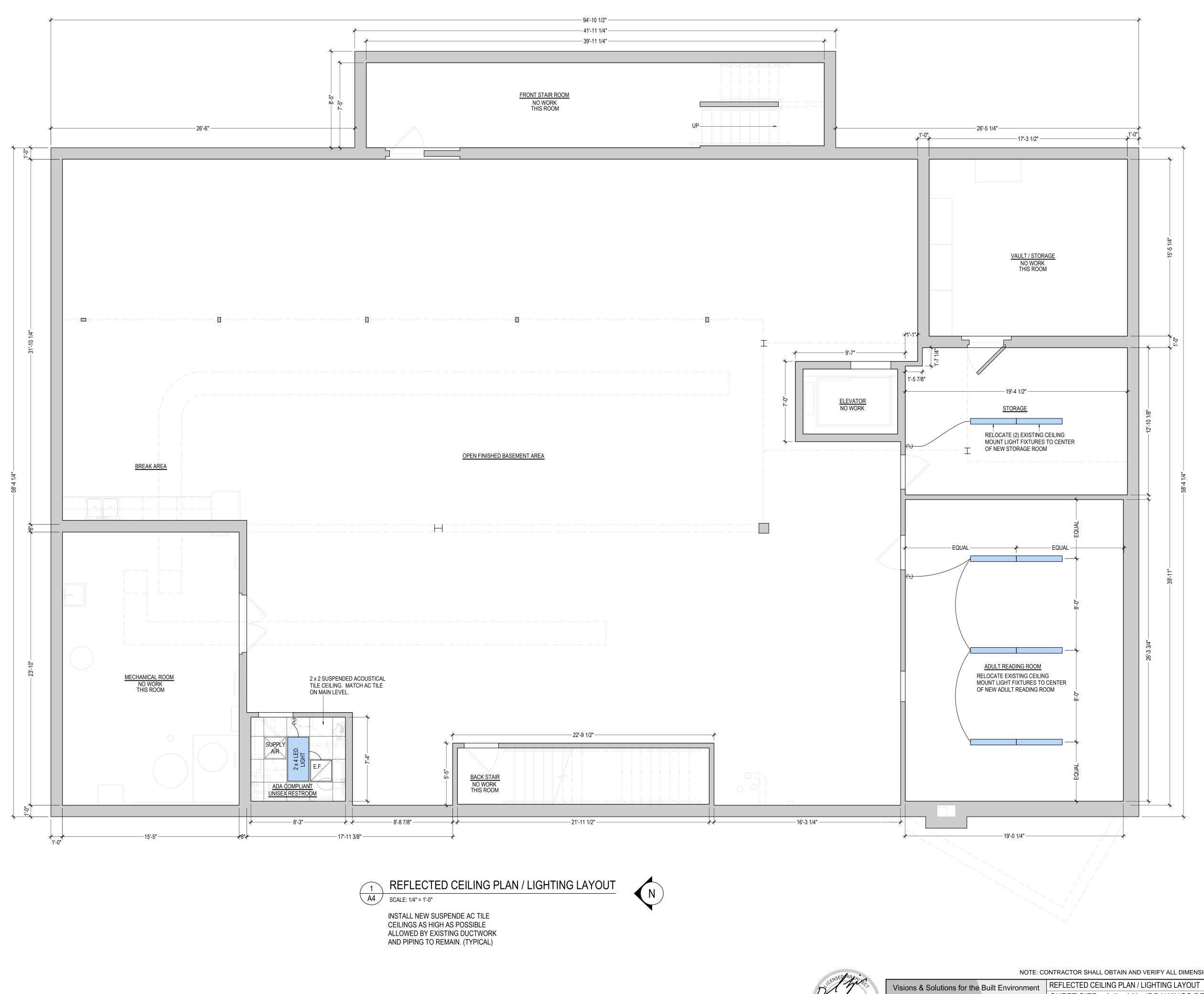


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Hillsboro Public Library - Basement Remodel 420 S. Main St., Hillsboro, IL 62049

A3



DAVID K. LIPE 001-018457

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME. PRO. NO.: 2354 SHEET SIZE = 24" x 36" - (DRAWINGS REVISED 03-06-24)

LIPE ARCHITECTURE Illinois Design Firm Lic. No. 184005270-0001 603 School Street Nokomis, IL 62075 www.lipearchitecture.com cell: 217-827-4038

Hillsboro Public Library - Basement Remodel

DATE: 03-06-24



420 S. Main St., Hillsboro, IL 62049

MECHANICAL GENERAL NOTES (NOT ALL WILL BE APPLICABLE):

PROVIDE ALL WORK AND MATERIALS AS REQUIRED HEREIN AND ON THE DRAWINGS IN FULL ACCORDANCE WITH IMC AND IECC AND ALL OTHER ORDINANCES AND/OR REGULATIONS HAVING JURISDICTION OVER THIS WORK.

DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS UNLESS SPECIFICALLY DIMENSIONED. COORDINATE WITH THE OTHER TRADES TO AVOID INTERFERENCE. SHOULD MECHANICAL WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY FRAMING REVISIONS, EQUIPMENT LOCATION, ADDITION OF CONTROLS, ELECTRICAL CIRCUITING REVISIONS, ETC., THAT ARE A RESULT OF USING EQUIPMENT OTHER THAN THOSE INDICATED ON THE DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ARCHITECT/ENGINEER WILL NOT WAIVE THE CONTRACTOR OF RESPONSIBILITY.

ALL EQUIPMENT, MATERIALS, AND WORKMANSHIP TO BE WARRANTED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT AS SHOWN ON PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY ADJUSTMENTS, CALIBRATION AND MATERIAL AS REQUIRED SO THAT THE SYSTEM IS FULLY OPERATIONAL.

THE MECHANICAL CONTRACTOR SHALL HAVE THE FINAL RESPONSIBILITY FOR SYSTEM START UP AND TURN OVER TO THE OWNER.

WORK PLANS TO BE CONSIDERED AS DIAGRAMMATIC AND REFLECT A MINIMUM ACCEPTABLE STANDARD. ALL WORK SHALL CONFORM TO THE LOCAL CODE.

ALL GAS FIRED EQUIPMENT SHALL BE NATURAL GAS.

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ALL MECHANICAL PENETRATIONS THROUGH THE ROOF SHALL BE MADE WATER TIGHT WITH THE ROOF BY PROPER FLASHING. ROOF FLASHING BY ROOF CONTRACTOR.

WHEN INSTALLING ANY MECHANICAL EQUIPMENT, G.C. SHALL PROPERLY SHORE, BRACE, SUPPORT, ETC., ANY CONSTRUCTION TO GUARD AGAINST CRACKING, SETTLING, COLLAPSING, DISPLACING OR WEAKENING. NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

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INSTALL AND SIZE REFRIGERANT PIPING PER MFR. INSTRUCTIONS. ROUTE REFRIGERANT PIPING OUT OF SITE TO ASSOCIATED AIR HANDLER.

ALL RECTANGULAR 90 DEGREE ELBOWS AND TEE'S SHALL BE EQUIPPED WITH SINGLE THICKNESS TURNING VANES MOUNTED TO A PREFABRICATED VANE.

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ARE APPROXIMATE. CONTRACTOR SHALL MAKE ADJUSTMENTS AS NECESSARY TO FIT CONSTRUCTION.

ALL DUCTWORK SHALL BE SUPPORTED FROM ROOF OR FLOOR STRUCTURE ABOVE. DUCTWORK SHALL NOT LAY ON TOP OF CEILING OR LIGHT

FIXTURES. FLEXIBLE DUCT RUN OUTS TO AIR DEVICES SHALL NOT EXCEED 8'-0" IN LENGTH.

FLEXIBLE DUCTS SHALL BE INSTALLED TO PROVIDE SWEEPING CONFIGURATIONS WITH NOT LESS THAN MANUFACTURER'S RECOMMENDED BEND RADIUS. FLAT BANDING MATERIAL NOT LESS THAN 1-1/2" WIDE SHALL BE USED TO SUSPEND FLEXIBLE DUCTS. DUCTING FURNISHED WITH FACTORY INSTALLED GROMMETS SHALL BE SUSPENDED BY WIRE ATTACHED TO GROMMETS.

ALL DEVICES IN RATED DRYWALL CEILINGS SHALL HAVE INTEGRAL FIRE / RADIATION DAMPERS.

TRANSITION DUCT WHERE REQUIRED TO NECK SIZE ON AIR DEVICE.

AIR CONDITIONING AND VENTILATION SYSTEMS SHALL BE INSTALLED AS REQUIRED BY THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 90A.

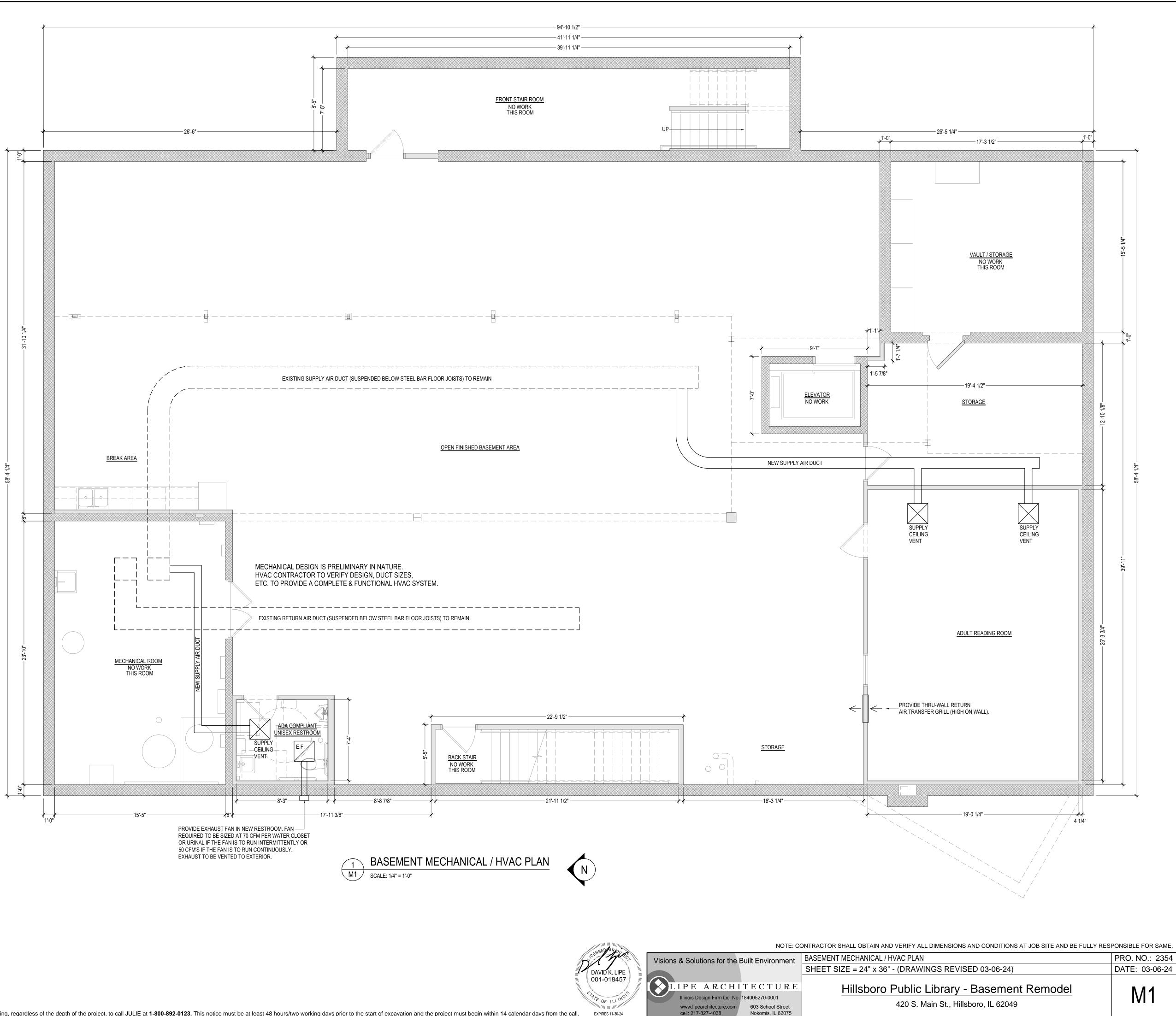
INSTALL THERMOSTATS 48" ABOVE FINISHED FLOOR. THERMOSTAT WIRING BY HVAC CONTRACTOR.

DUCTWORK SHALL BE FABRICATED AND SUPPORTED PER SMACNA STANDARDS. TRANSITIONS SHALL BE MADE PER SMACNA STANDARDS.

ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK BELOW ATTIC SHALL HAVE 1" THICK INTERNAL FIBERGLASS DUCT LINER.

ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK IN ATTIC SHALL BE INSULATED WITH 2' THICK FIBERGLASS WRAP INSULATION.

WALL AND ROOF CAPS SHALL BE ALUMINUM, COLOR TO MATCH ADJACENT WALL OR ROOF. INLET TO CAP SHALL BE SAME SIZE AS DUCT SERVING.



<u>'1'-0'</u>

ALL LIGHTING IN ELECTRICAL EQUIPMENT WORK SPACES SHALL NOT BE CONTROLLED BY AUTOMATIC MEANS ONLY.

SERVICING. ALL BREAKERS IN PANELS TO BE LABELED.

ALL RECEPTACLES IN DAMP AND/OR WET LOCATIONS SHALL BE

WEATHER RESISTANT.

ALL OUTLETS TO BE SET AT 20" TO BOTTOM OF BOX ABOVE FLOOR.

ALL HVAC EQUIPMENT MUST HAVE AN OUTLET WITHIN 25 FT. FOR

ALL PIPES 3" OR GREATER PENETRATING WALL TOP PLATES MUST RUN THROUGH A METAL SLEEVE. SLEEVE TO GO FROM TOP OF WALL CAVITY INTO ATTIC SPACE.

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BUILDING TO BE CLEANED OF DEBRIS AT ROUGH-IN AND TRIM-OUT.

LIGHTS, LIGHT SWITCHES AND RECEPTACLE LOCATIONS NOTED ON DRAWINGS.

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COVERS.

ALL OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE"

ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT.

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FACE AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR

LIGHTING FIXTURES EXPOSED TO DAMPNESS SHALL BEAR U.L. "DAMP LOCATION" LABEL. ALL EXIT SIGNS SHALL BE INSTALLED COMPLETE WITH ALL INSTALLATION AND HANGING ACCESSORIES TO PROVIDE AN UNOBSTRUCTED VIEW OF EACH SIGN

ALL FIXTURES SHALL BE "U.L." LABELED. ALL LIGHTING FIXTURES EXPOSED TO WEATHER OR MOISTURE SHALL BEAR U.L. "WET LOCATION" LABEL, AND

LIGHTING FIXTURE WITH INSTALLATION AND HANGING HARDWARE AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION.

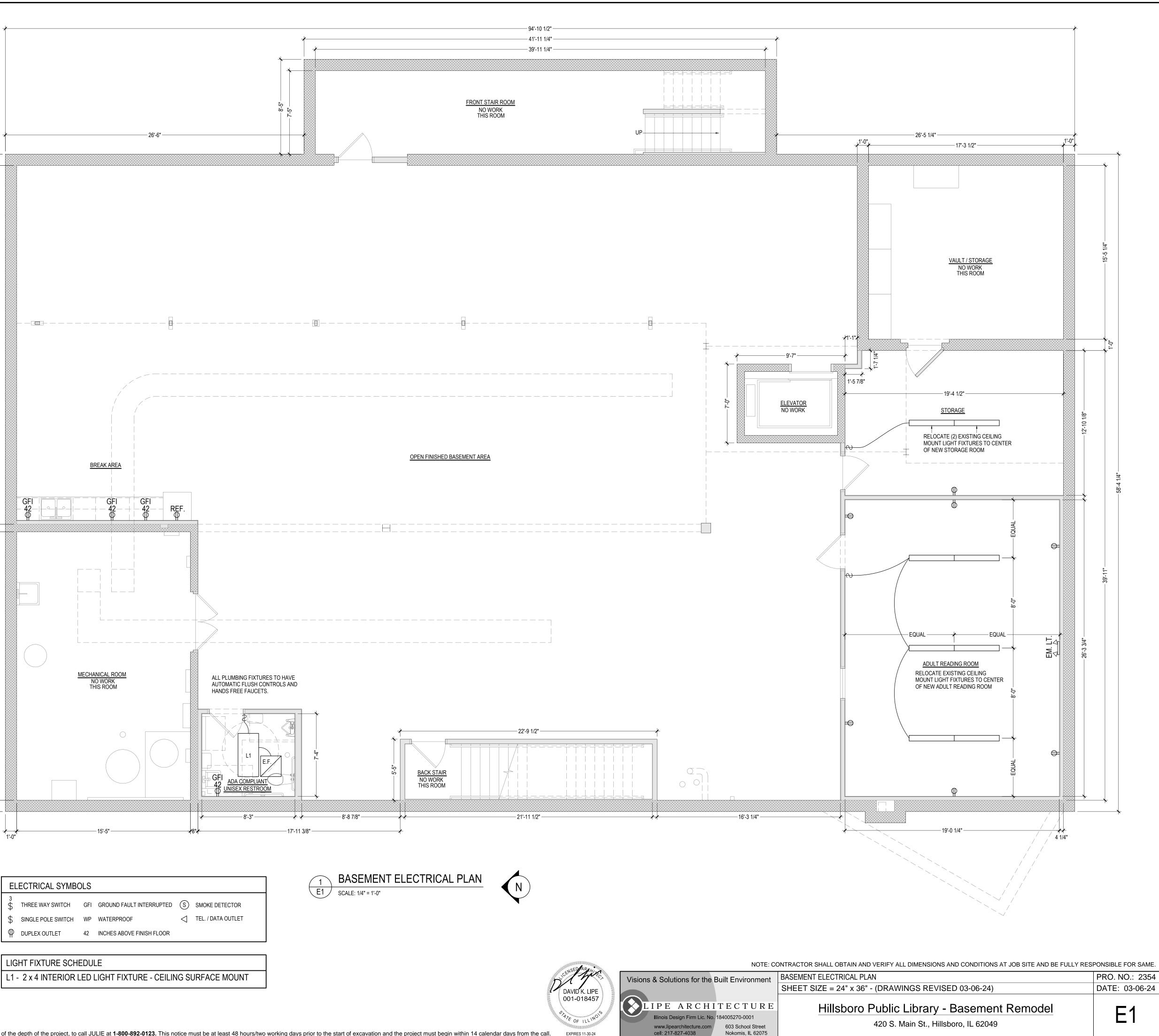
ALL LIGHTING FIXTURES SHALL BE RATED FOR BUILDING SYSTEM VOLTAGE. CONTRACTOR MUST VERIFY ALL LOCATIONS, FURNISH AND INSTALL EACH

ELECTRICAL GENERAL NOTES (NOT ALL WILL BE APPLICABLE):

BREAK AREA GFI - 42--MECHANICAL ROOM NO WORK THIS ROOM

> ELECTRICAL SYMBOLS SINGLE POLE SWITCH WP WATERPROOF

LIGHT FIXTURE SCHEDULE



Illinois law requires anyone digging, regardless of the depth of the project, to call JULIE at 1-800-892-0123. This notice must be at least 48 hours/two working days prior to the start of excavation and the project must begin within 14 calendar days from the call.

