



CONTRACTOR TO FIELD VERIFY EXISTING UNDERGROUND PLUMBING SERVICE AND PROVIDE NEW UNDERGROUND PLUMBING SERVICE TO TIE

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.

INTO EXISTING SYSTEM AS REQUIRED FOR A COMPLETE AND OPERABLE PLUMBING SYSTEM.

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

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

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

ELECTRICAL GENERAL NOTES:

* 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. * 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 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. * ALL EXPOSED WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.

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

FINAL ELECTRICAL POWER & LIGHTING DESIGN TO BE DETERMINED BY ELECTRICAL CONTRACTOR FINAL HEATING & COOLING SYSTEM TO BE DETERMINED BY HVAC CONTRACTOR CONSULT WITH OWNER FOR FINAL MATERIAL, FINISH, CASEWORK & EQUIPMENT SELECTIONS

INTERNATIONAL BUILDING CODE - 2009 NATIONAL ELECTRIC CODE - CURRENT EDITION IL. PLUMBING CODE - CURRENT EDITION INTERNATIONAL MECHANICAL CODE - 2006 NFPA LIFE SAFETY 101 LITCHFIELD, IL - CODE OF ORDINANCES

001-018457

EXPIRES 11-30-18

APPLICABLE CODES:

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.

GENERAL DEMOLITION NOTES

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

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

CONCRETE NOTES:

INSULATION AS REQUIRED.

MANUAL OF STANDARD PRACTICE.

SLAB-ON-GRADE - MID-DEPTH.

REINFORCEMENT.

NOT BE FLOATED IN.

1. THE CONTRACTOR SHALL VERIFY THE ADEQUACY OF ALL BEARING MATERIAL BEFORE PLACING FOOTINGS AND SHALL PLACE ALL FOUNDATIONS ON UNDISTURBED SOIL OF

2. FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.

SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.

3. WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL

4. VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH THE ARCHITECTURAL

DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER

5. ALL CONCRETE SHALL BE 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. ALL CONCRETE

EXPOSED TO FREEZING WEATHER SHALL BE AIR-ENTRAINED, 6% ±1%. ALL CONCRETE WORK

SHALL BE AS PER ACI 318-05, BUILDING CODE FOR REINFORCED CONCRETE AND THE CRSI

6. ALL REINFORCEMENT SHALL BE A615, GRADE 60. WELDED WIRE FABRIC SHALL BE A185. BAR

CLEARANCES SHALL BE AS FOLLOWS: FOOTINGS - 3", WALLS AND COLUMNS - 1 1/2",

7. REINFORCEMENT SHALL BE LAPPED 24 BAR DIAMETER, 1'-6" MINIMUM, OR AS DETAILED. L-BARS 1'-6" x 1'-6" SHALL BE PROVIDED AT CORNERS TO MATCH THE HORIZONTAL

8. FOOTING REINFORCEMENT SHALL BE SUPPORTED ON HIGH CHAIRS OR SAND PLATES. NO BRICKS OR REBAR PERMITTED. DOWELS SHALL BE TIED TO FOOTING MAT. DOWELS SHALL

9. BAR SUPPORTS AND ACCESSORIES SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD

11. CONTRACTOR SHALL MAKE ALLOWANCE FOR DEAD LOAD DEFLECTION, SETTLEMENT OF FORMS, AND SHRINKAGE OF CONCRETE WHEN CONSTRUCTING OF CONCRETE WORK.

12. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY OF ALL FORMS, SHORING,

13. INTERIOR CONCRETE SLAB LEVELNESS SHALL BE 1/8" IN 20'-0", UNLESS NOTED OTHERWISE.

16. EXCAVATIONS THAT BECOME MUDDY AND SOFT DUE TO CONSTRUCTION ACTIVITY SHALL

17. CONTINUOUS WALL FOOTING REINFORCING SHALL BE PLACED CONTINUOUS THROUGH

HAVE A LEAN CONCRETE MUD SLAB OR GRAVEL PLACED IN THE EXCAVATION TO PROVIDE

ACCEPTABLE BEARING. MUD SLAB OR GRAVEL SHALL BE INSPECTED AND APPROVED BY A

14. ALL FOOTINGS EXCAVATIONS SHALL BE FREE OF DEBRIS, STANDING WATER AND LOOSE SOIL

PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315-92).

10. INTERIOR SLAB CONCRETE SHALL BE AIR-ENTRAINED 3%

PRIOR TO PLACEMENT OF CONCRETE.

SOILS ENGINEER.

ISOLATED PIER FOOTINGS.

BRACING, ETC., USED IN CONSTRUCTION OF CONCRETE WORK.

15. FOOTING CONCRETE SHALL NOT BE PLACED ON FROZEN SOIL.

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

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 responsible for same.

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.

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.

GENERAL NOTES

1. All structural steel rolled shapes shall e A992, minimum yield strength 50 ksi. Plates and angles shall be A36. Steel pipe shall be A501 or A53, Types E or S, grade B. Structural tubing shall be ASTM A500, 2. All steel work shall be in accordance with the AISC Specification for Structural Steel Buildings and the

Code of Standard Practice. All welding shall be in accordance with AWS D1.1-94, the Structural Welding Code. Welding electrodes shall be E70XX Series. 3. Connections not shown shall be designed by the fabricator for the capacity of the member as shown in the AISC Manual. All field conections shall utiliize 3/4 in. dia. A325 bolts in bearing type connections with

threads included in the shear plane. Shop connections may me welded or bolted using 3/4 in. A325 bolts. 1. Load Bearing 2x studs shall be Premium Grade White Wood or equal with the following design values:

1603 - Design Loads per IBC 2009 Building Code

Component and cladding wind pressures

in accord with IBC 2009.

LIPE ARCHITECTURE

217-563-7836 phone

603 School Street

Nokomis, IL

62075

Fb = 1850 psi, Fc = 1850 psi, E = 1,700,000 psi

Roof Dead Load 20 psf Live Load 20 psf Floor Dead Load 20 psf Live Load 40 psf

Mapped Spectral response Accelerations, Ss = 0.243 and S1 = 0.097. Spectral Response Coefficients, SDS = 0.253 and SD1 = 0.154. Snow Load Information Ground Snow Load, Pg = 20 psf Seismic Design Category C. Flat Roof Snow Load, Pf = 16 psf Basic Seismic-force-resisting System - Light Framed Walls with Wood Structural Panels.

Seismic Load Information

Seismic Importance Factor, le = 1.0

Snow Exposure Factor, Ce = 1.0 Design Base Shear = 13 kips. Snow Load Importance Factor, I = 1.0 Seismic Response Coefficient, Cs = 0.042. Thermal Factor, Ct = 1.1 Response Modification Factor, R = 6.5. Analysis Procedure - Equivalent Lateral Force Design Procedure. Wind Load Information

Basic WInd Speed = 90 mph 1604 - Occupancy Category II. Wind Importance Factor, Iw = 1.0 1806 - Add foundation note after soil bearing capacity -WInd Exposure C - Lateral Bearing Pressure = 100 psf. (assumed) Internal Pressure Coefficient = +0.18, -0.18

A1 SITE PLAN / COVER SHEET

INDEX OF SHEETS

A2 UPPER LEVEL PLAN - EXISTING / DEMOLITION & PROPOSED

A3 LOWER LEVEL PLAN - EXISTING / DEMOLITION & PROPOSED

A4 ROOF PLAN - EXISTING / DEMOLITION & PROPOSED

A5 EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED

EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED

A7 EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED

A8 EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED, AND HOUSE SECTION - PROPOSED

A9 HOUSE SECTIONS - PROPOSED

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

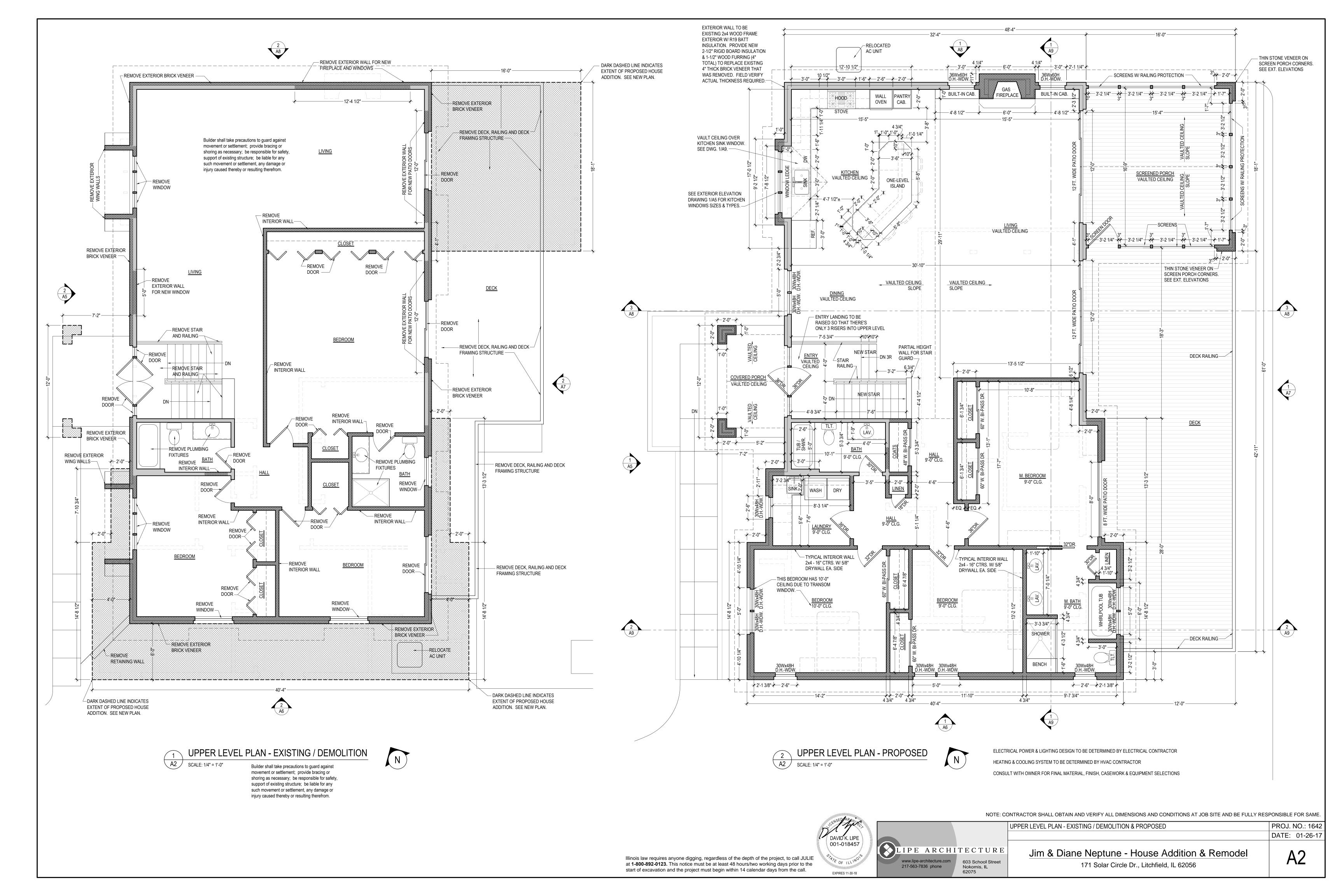
SITE PLAN / COVER SHEET

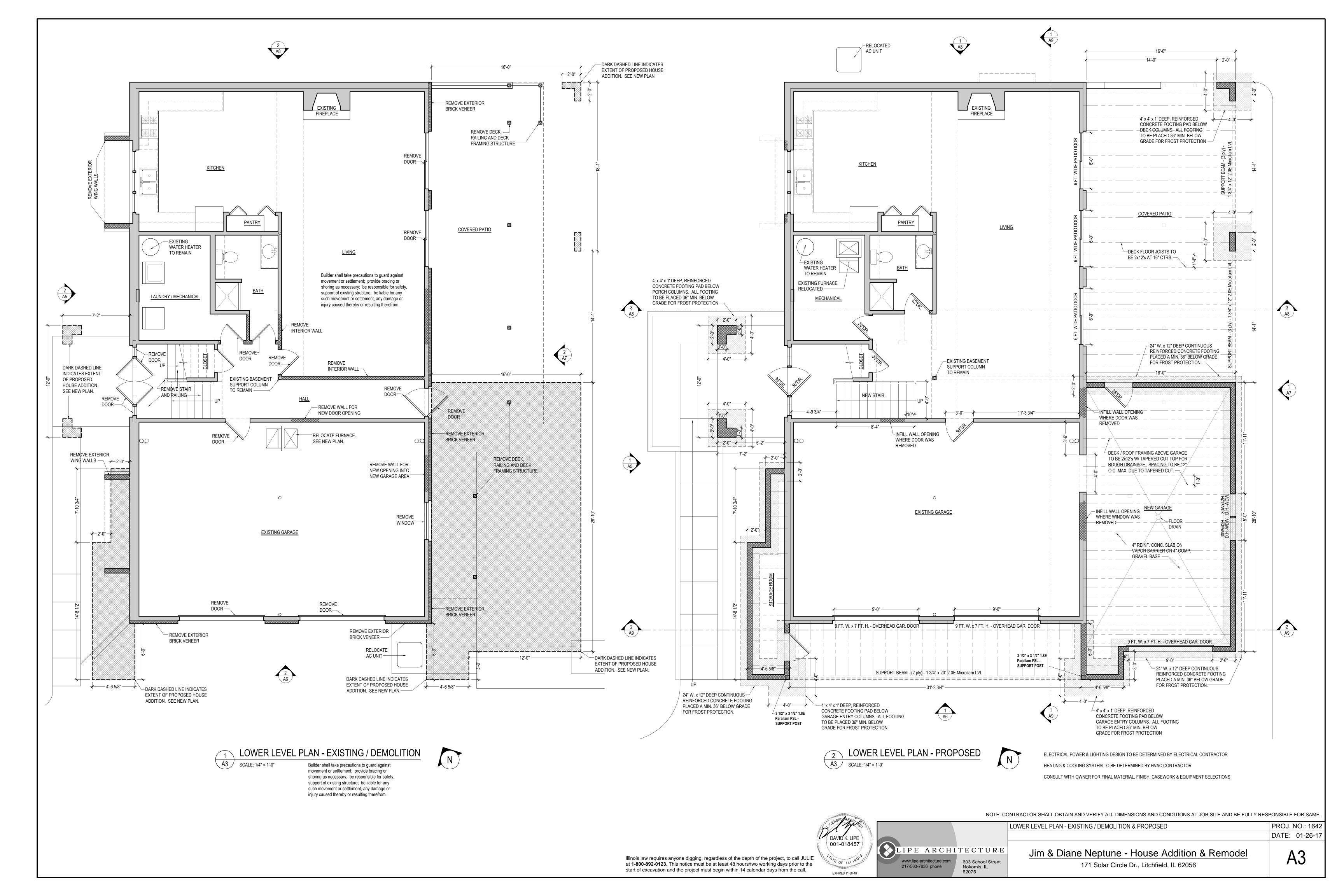
Jim & Diane Neptune - House Addition & Remodel

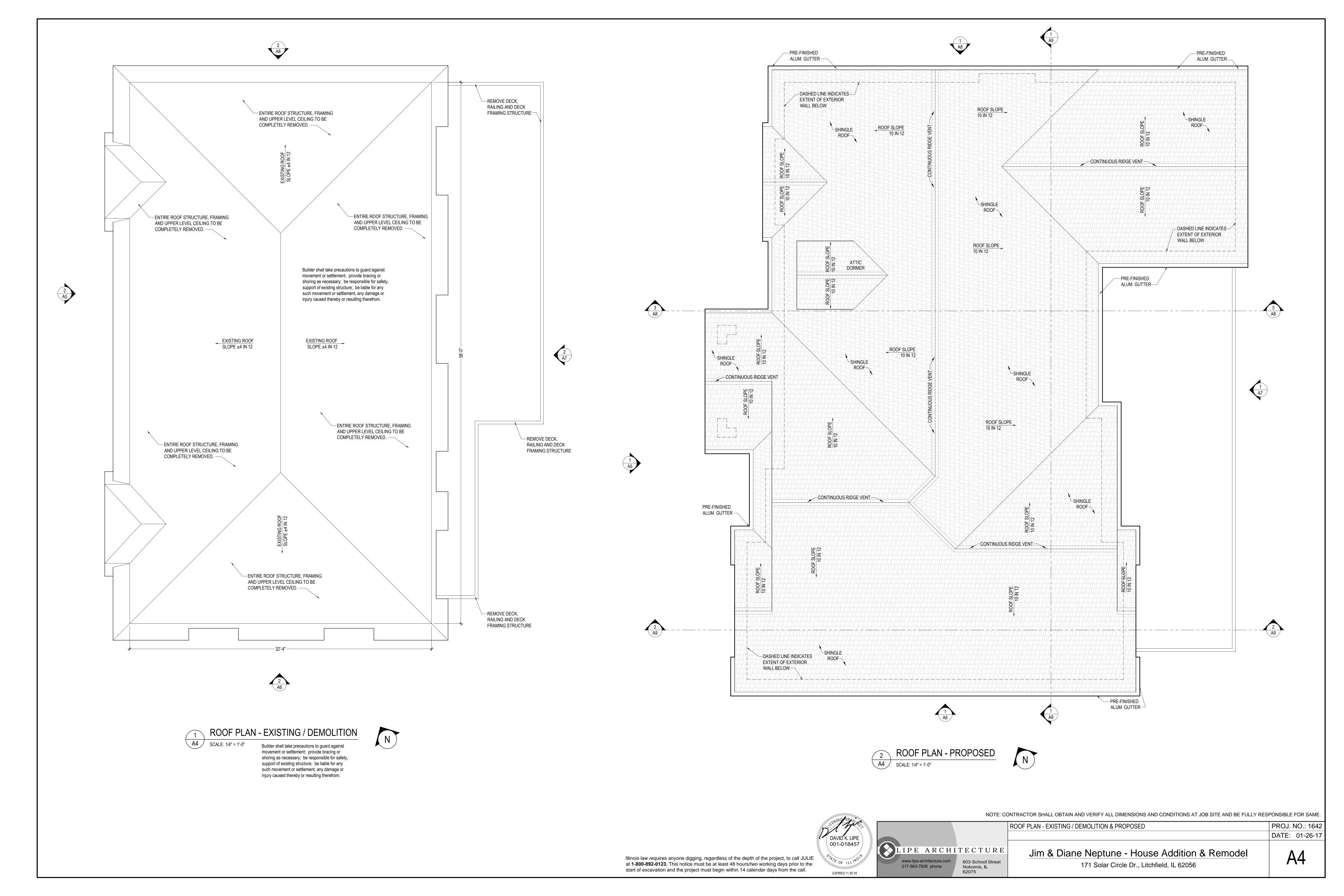
171 Solar Circle Dr., Litchfield, IL 62056

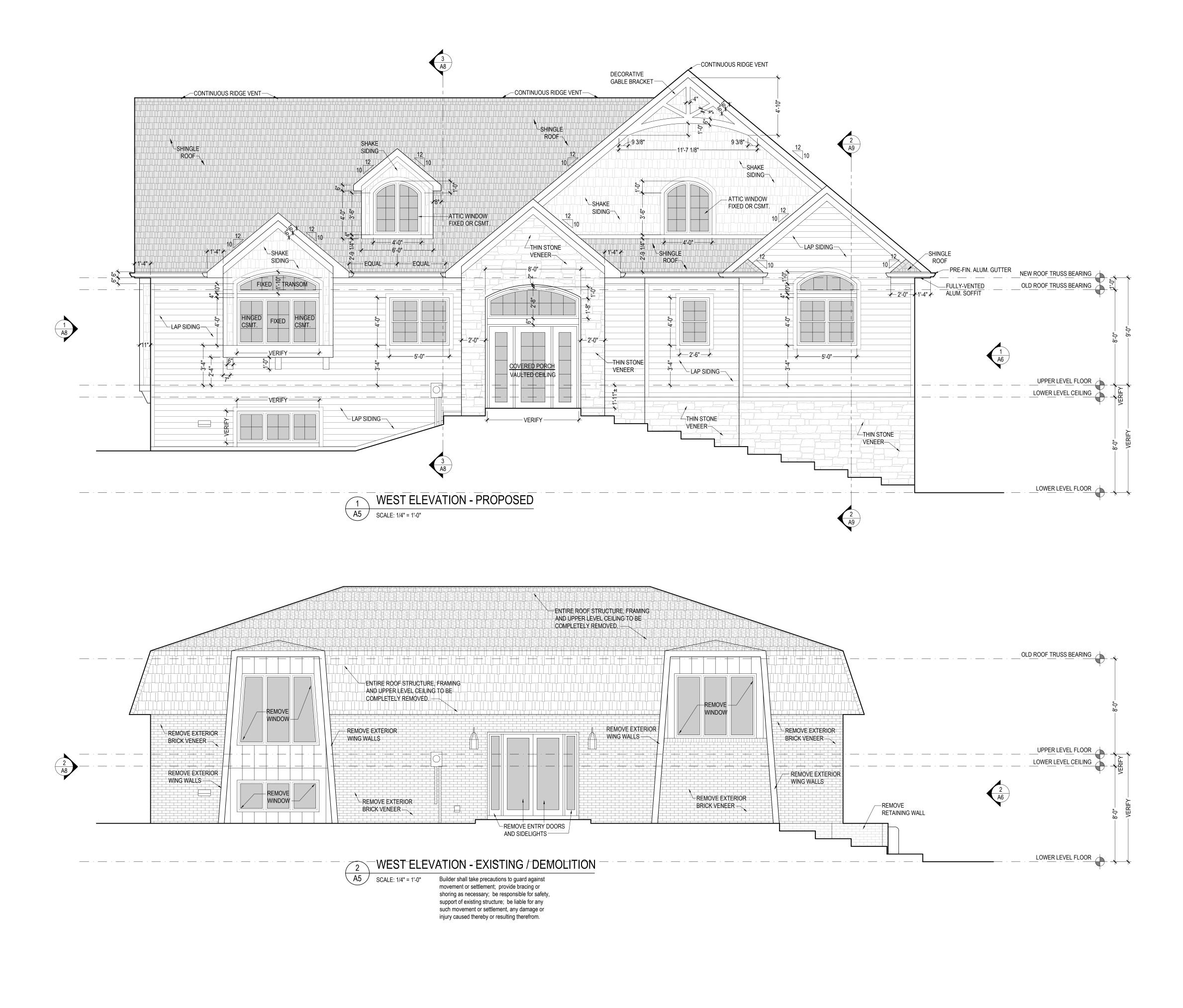
| PROJ. NO.: 1642

DATE: 01-26-1







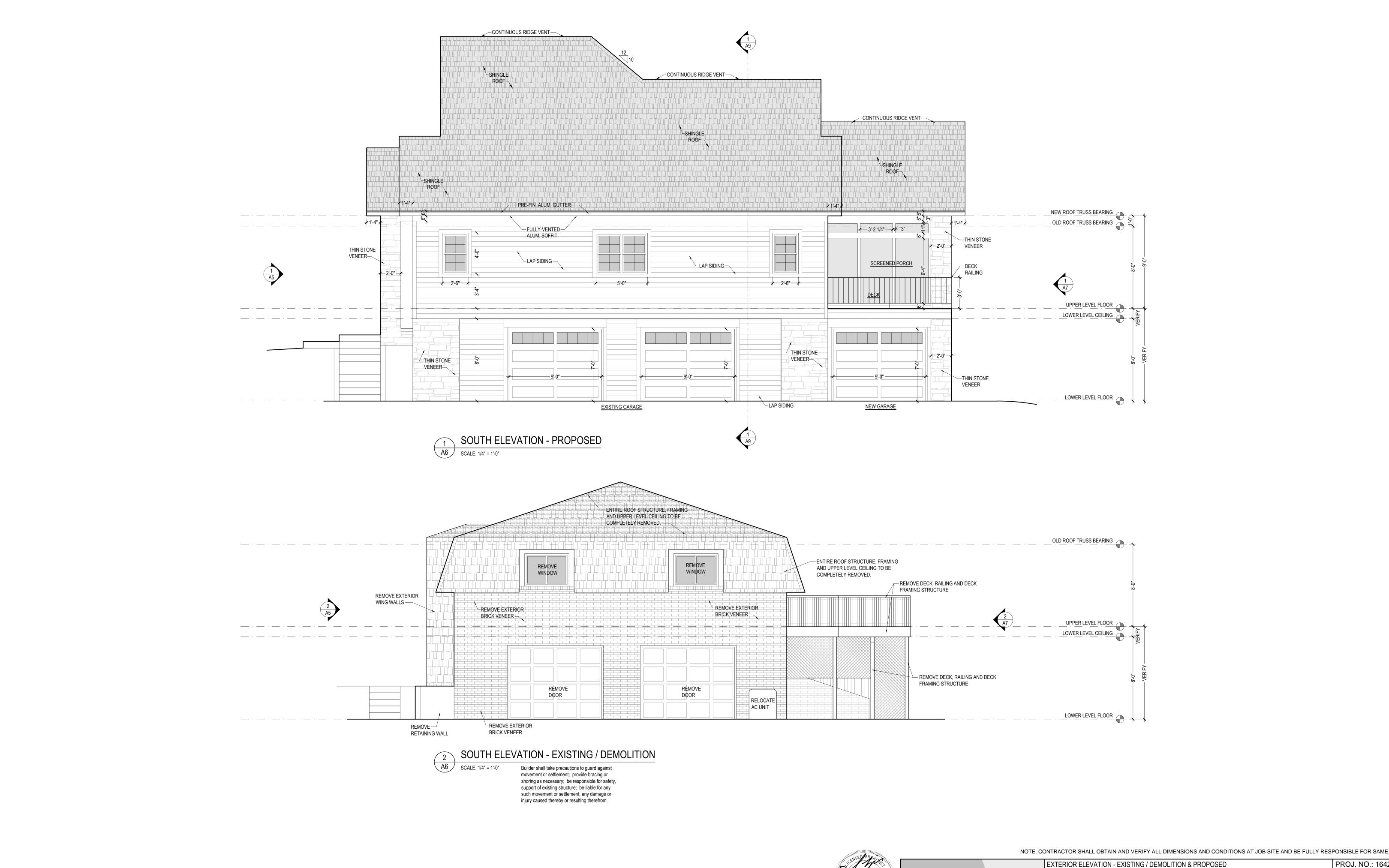


DAVID K. LIPE 001-018457 LIPE ARCHITECTURE EXPIRES 11-30-18

603 School Street Nokomis, IL 62075

www.lipe-architecture.com 217-563-7836 phone

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME. PROJ. NO.: 1642 EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED DATE: 01-26-17



DAVID K. LIPE 001-018457 LIPE ARCHITECTURE EXPIRES 11-30-18

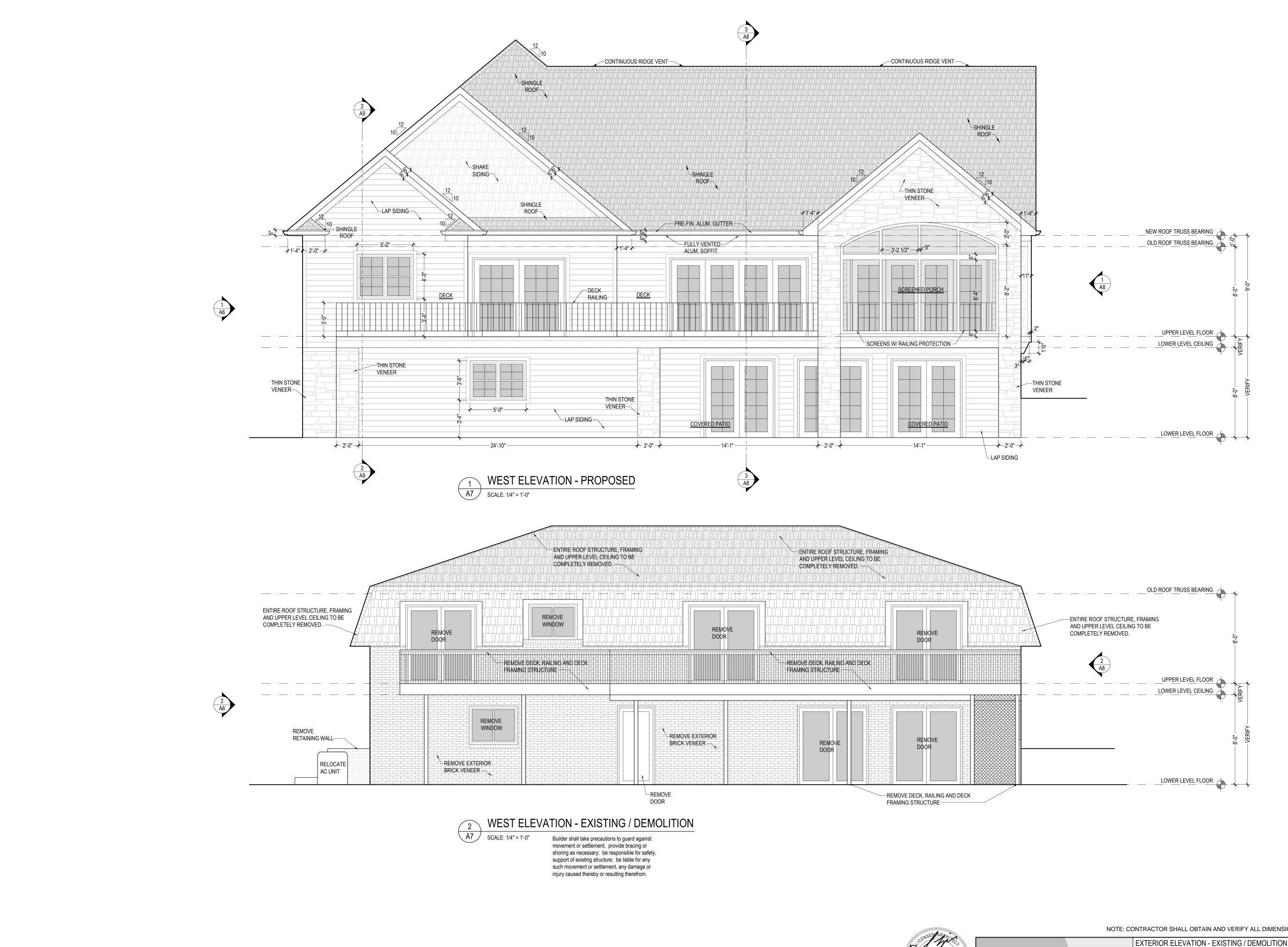
EXTERIOR ELEVATION - EXISTING / DEMOLITION & PROPOSED

603 School Street Nokomis, IL 62075

217-563-7836 phone

PROJ. NO.: 1642

DATE: 01-26-17



DAVID K. LIPE 001-018457 EXPIRES 11-30-18

LIPE ARCHITECTURE 603 School Street Nokomis, IL

62075

217-563-7836 phone

