

CONCRETE NOTES:

- THE CONTRACTOR SHALL VERIFY THE ADEQUACY OF ALL BEARING MATERIAL BEFORE PLACING FOOTINGS AND SHALL PLACE ALL FOUNDATIONS ON UNDISTURBED SOIL OF ADEQUATE CAPACITY.
- FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
- VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED.
- 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 MANUAL OF STANDARD PRACTICE.
- 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", SLAB-ON-GRADE - MID-DEPTH.
- 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 REINFORCEMENT.
- 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 NOT BE FLOATED IN.
- BAR SUPPORTS AND ACCESSORIES SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 318-02).
- INTERIOR SLAB CONCRETE SHALL BE AIR-ENTRAINED 3%.
- CONTRACTOR SHALL MAKE ALLOWANCE FOR DEAD LOAD DEFLECTION, SETTLEMENT OF FORMS, AND SHRINKAGE OF CONCRETE WHEN CONSTRUCTING OF CONCRETE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY OF ALL FORMS, SHORING, BRACING, ETC., USED IN CONSTRUCTION OF CONCRETE WORK.
- INTERIOR CONCRETE SLAB LEVELNESS SHALL BE 1/8" IN 20'-0", UNLESS NOTED OTHERWISE.
- ALL FOOTINGS EXCAVATIONS SHALL BE FREE OF DEBRIS, STANDING WATER AND LOOSE SOIL PRIOR TO PLACEMENT OF CONCRETE.
- FOOTING CONCRETE SHALL NOT BE PLACED ON FROZEN SOIL.
- EXCAVATIONS THAT BECOME MUDDY AND SOFT DUE TO CONSTRUCTION ACTIVITY SHALL 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 SOILS ENGINEER.
- CONTINUOUS WALL FOOTING REINFORCING SHALL BE PLACED CONTINUOUS THROUGH ISOLATED PIER FOOTINGS.

GENERAL NOTES

- STRUCTURAL STEEL**
- All structural steel rolled shapes shall be 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, grade B.
 - 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.
 - Connections not shown shall be designed by the fabricator for the capacity of the member as shown in the AISC Manual. All field connections shall utilize 3/4 in. dia. A325 bolts in bearing type connections with threads included in the shear plane. Shop connections may be welded or bolted using 3/4 in. A325 bolts.
- FRAMING LUMBER**
- Load Bearing 2x studs shall be Premium Grade White Wood or equal with the following design values: F_b = 1850 psi, F_c = 1850 psi, E = 1,700,000 psi
- ELECTRICAL POWER & LIGHTING DESIGN TO BE DETERMINED BY ELECTRICAL CONTRACTOR**
- HEATING & COOLING SYSTEM TO BE DETERMINED BY HVAC CONTRACTOR**
- CONSULT WITH OWNER FOR FINAL MATERIAL, FINISH, CASEWORK & EQUIPMENT SELECTIONS**
- 1603 - Design Loads in Accord with IBC 2009 Building Code
 Roof Dead Load 20 psf
 Live Load 20 psf
 Floor Dead Load 20 psf
 Live Load 40 psf
Snow Load Information
 Ground Snow Load, P_g = 20 psf
 Flat Roof Snow Load, P_f = 16 psf
 Snow Exposure Factor, C_e = 1.0
 Snow Load Importance Factor, I = 1.0
 Thermal Factor, C_t = 1.1
Wind Load Information
 Basic Wind Speed = 90 mph
 Wind Importance Factor, I_w = 1.0
 Wind Exposure C
 Internal Pressure Coefficient = +0.18, -0.18
 Component and cladding wind pressures in accord with IBC 2009.
Seismic Load Information
 Seismic Importance Factor, I_e = 1.0
 Mapped Spectral response Accelerations, S_s = 0.243 and S₁ = 0.097.
 Site Class D
 Spectral Response Coefficients, SDS = 0.253 and SD1 = 0.154.
 Seismic Design Category C.
 Basic Seismic-force-resisting System - Light Framed Walls with Wood Structural Panels.
 Design Base Shear = 13 kips.
 Seismic Response Coefficient, C_s = 0.042.
 Response Modification Factor, R = 6.5
 Analysis Procedure - Equivalent Lateral Force Design Procedure.
 1604 - Occupancy Category II.
 1806 - Add foundation note after soil bearing capacity - Lateral Bearing Pressure = 100 psf. (assumed)

CODES PER CITY OF TAYLORVILLE CITY CODE

- A. The following current codes are hereby adopted by reference thereto and the same shall be the rules and regulations governing the construction, reconstruction, alteration, installation, demolition, equipment use, occupancy, location, and maintenance of buildings and structures of any kind, nature, or extent whatsoever:
- International building code (2009 edition).
 - International mechanical code (2009 edition).
 - NFPA 101 fire safety code (2009 edition).
 - International property maintenance code (2009 edition).
 - International fire code (2009 edition).
 - International residential code (2009 edition).
 - National electrical code (2011 edition).
 - Illinois plumbing code (2004 edition).
 - Illinois accessibility code (April 24, 1997 edition).
 - International existing building code (2009 edition).
 - International energy conservation code (2009 edition). (Ord. 3490, 11-1-2010)
- B. One copy of each of the aforesaid codes has been on file with the city clerk's office for a period of at least thirty (30) days prior to adoption of this section; and one copy of each of said codes shall remain on file with the city clerk and shall be made available for public use, inspection, and examination. (Ord. 2878, 11-2-1998)

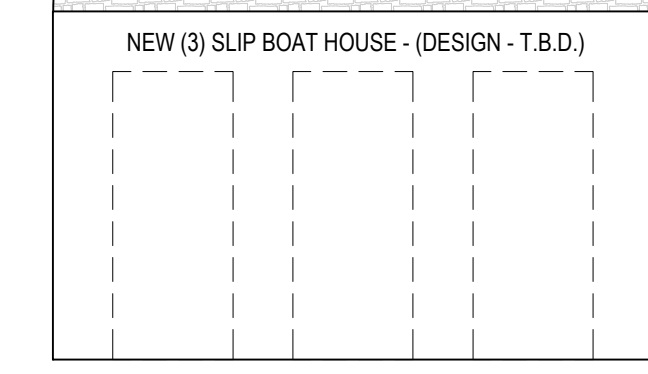
INDEX OF SHEETS

- A1 SITE PLAN & NOTES
- A2 MAIN LEVEL FLOOR PLAN
- A3 BASEMENT / FOUNDATION PLAN
- A4 EXTERIOR ELEVATIONS
- A5 EXTERIOR ELEVATIONS & TYPICAL WALL SECTION
- A6 HOUSE SECTIONS
- A7 ROOF PLAN & HOUSE SECTIONS

SITE PLAN
 SCALE: 1/16" = 1'-0"
 NORTH

Parcel: 05-18-01-203-025-00
 70 Lake Vista Dr., Taylorville, IL 62568
 Zoning Classification = R1 - Residential

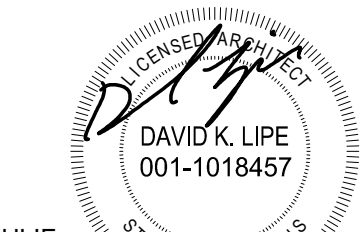
Gross square footage areas
 (measured to outside of exterior walls)
 Main level = 3,446
 2-story gym = 812
 Garage = 2,732
 Does not include porches, patios, etc.



Yards: All structures to be constructed, altered or moved in the R-1 and R-2 districts shall provide yards of the following minimum depths:
 Front Yard: Twenty five feet (25)
 Side Yards: Five feet (5) minimum, one side yard: twelve feet (12) minimum, two (2) side yards.
 Rear Yard: Twenty feet (20) or twenty percent (20%) of the lot depth, whichever is greater.
 Yards Of Corner Lots: Corner lots shall provide a front yard on each street side, not, however, to reduce the buildable width of the lot below thirty two feet (32').

Building Height:
 No building shall exceed two (2) stories or thirty feet (30') in height, unless each side yard is increased over the required minimum by five feet (5') for every five feet (5') or fraction thereof, of additional height over thirty feet (30').
 The height of any accessory building shall not exceed the height of the principal building located on the same lot.
 The building height of any structure in excess of fifty feet (50') will require prior approval of the plan commission and city council. (Ord. 1793, 2-7-1977)

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



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 603 School Street
 Nokomis, IL 62075

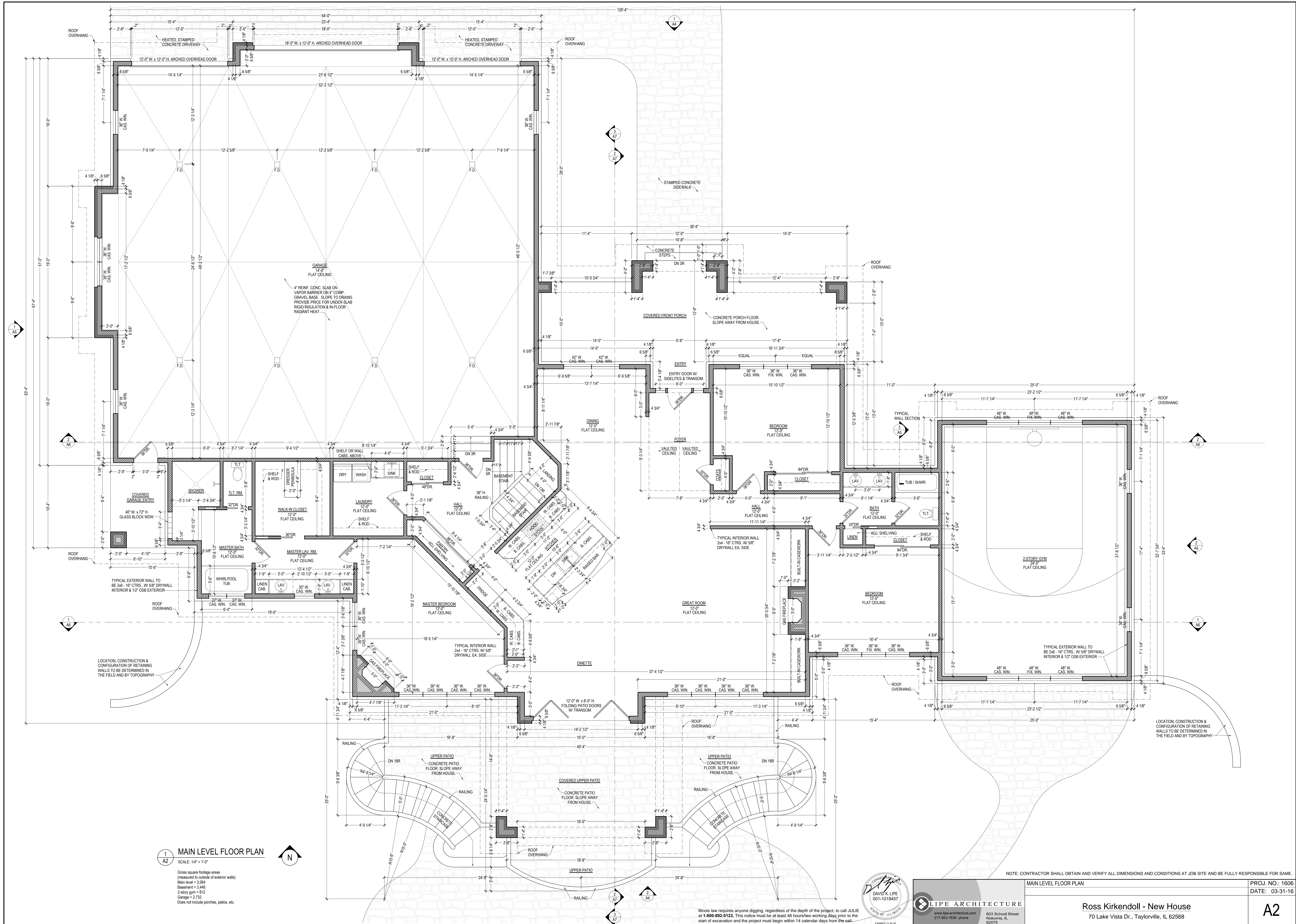
Ross Kirkendoll - New House
 70 Lake Vista Dr., Taylorville, IL 62568

PROJ. NO.: 1606
 DATE: 03-31-16

A1

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.

EPRES 11-30-16

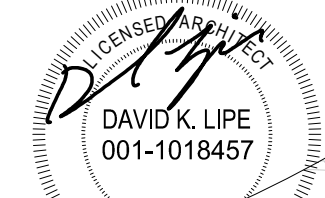


1 MAIN LEVEL FLOOR PLAN

SCALE: 1/4" = 1'-0"
 Gross square footage areas (measured to outside of exterior walls)
 Main level = 3,064
 Basement = 3,448
 2-story gym = 812
 Garage = 2,732
 Does not include porches, patios, etc.



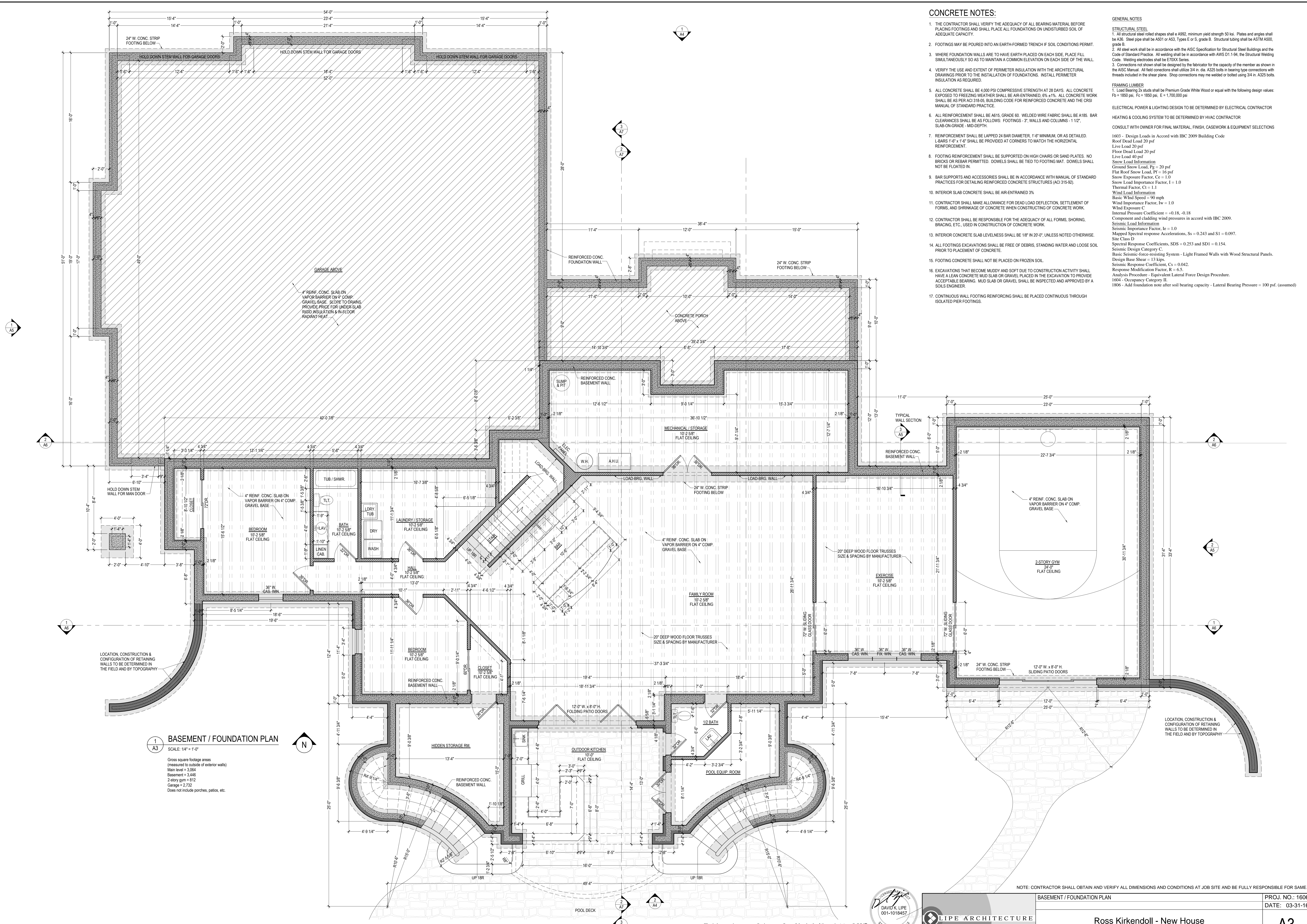
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 62075

MAIN LEVEL FLOOR PLAN
 PROJ. NO.: 1606
 DATE: 03-31-16
 Ross Kirkendoll - New House
 70 Lake Vista Dr., Taylorville, IL 62568
A2

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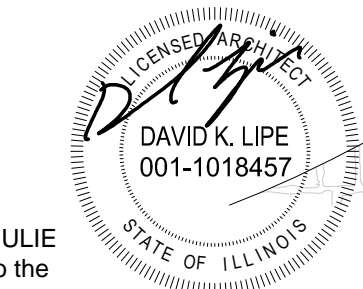
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 1604 - Occupancy Category II.
 1806 - Add foundation note after soil bearing capacity - Lateral Bearing Pressure = 100 psf. (assumed)

1 BASEMENT / FOUNDATION PLAN

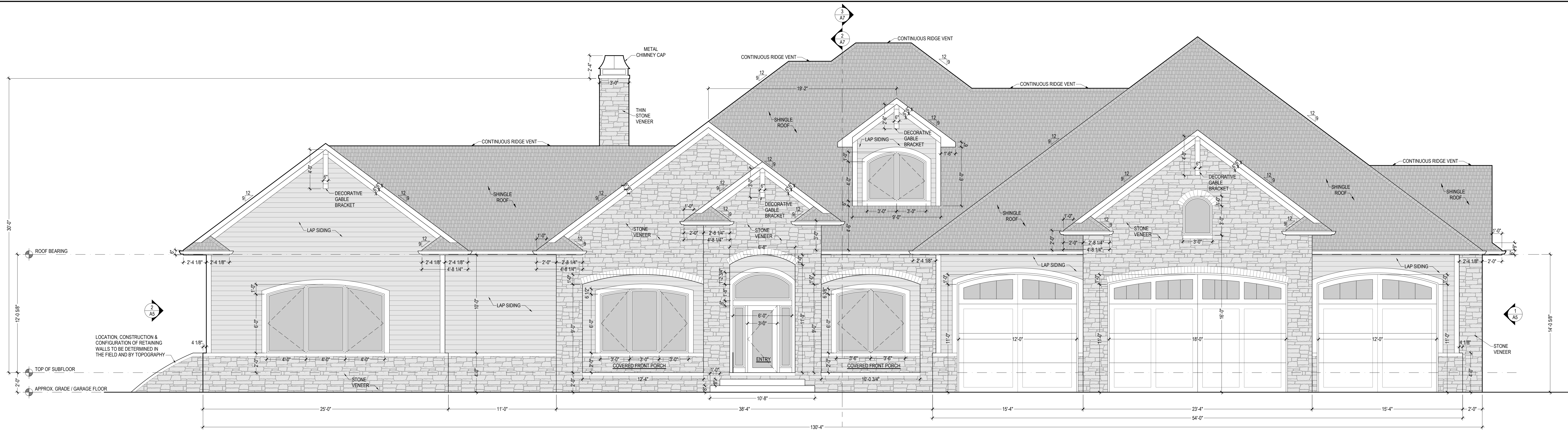
SCALE: 1/4" = 1'-0"
 Gross square footage areas (measured to outside of exterior walls)
 Main level = 3,054
 Basement = 3,446
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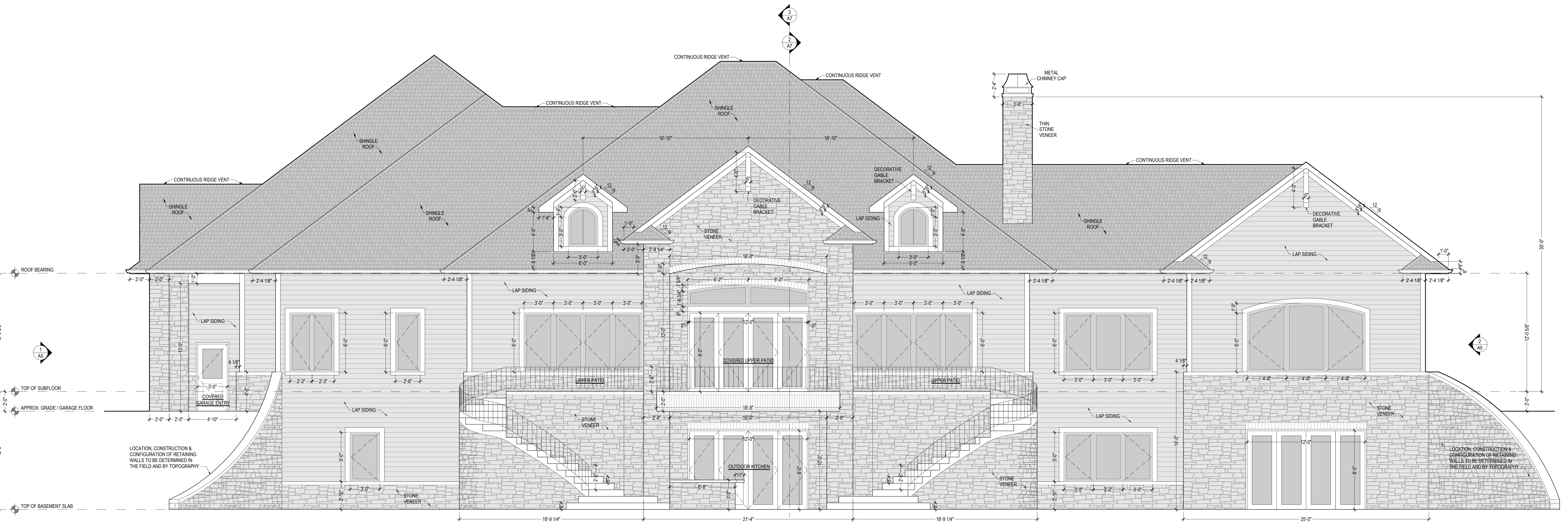


 www.lipe-architecture.com 217-563-7536 phone 603 School Street Nokomis, IL 62075	BASEMENT / FOUNDATION PLAN	PROJ. NO.: 1606 DATE: 03-31-16
	Ross Kirkendoll - New House 70 Lake Vista Dr., Taylorville, IL 62568	

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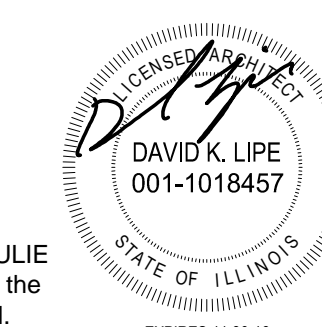


1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

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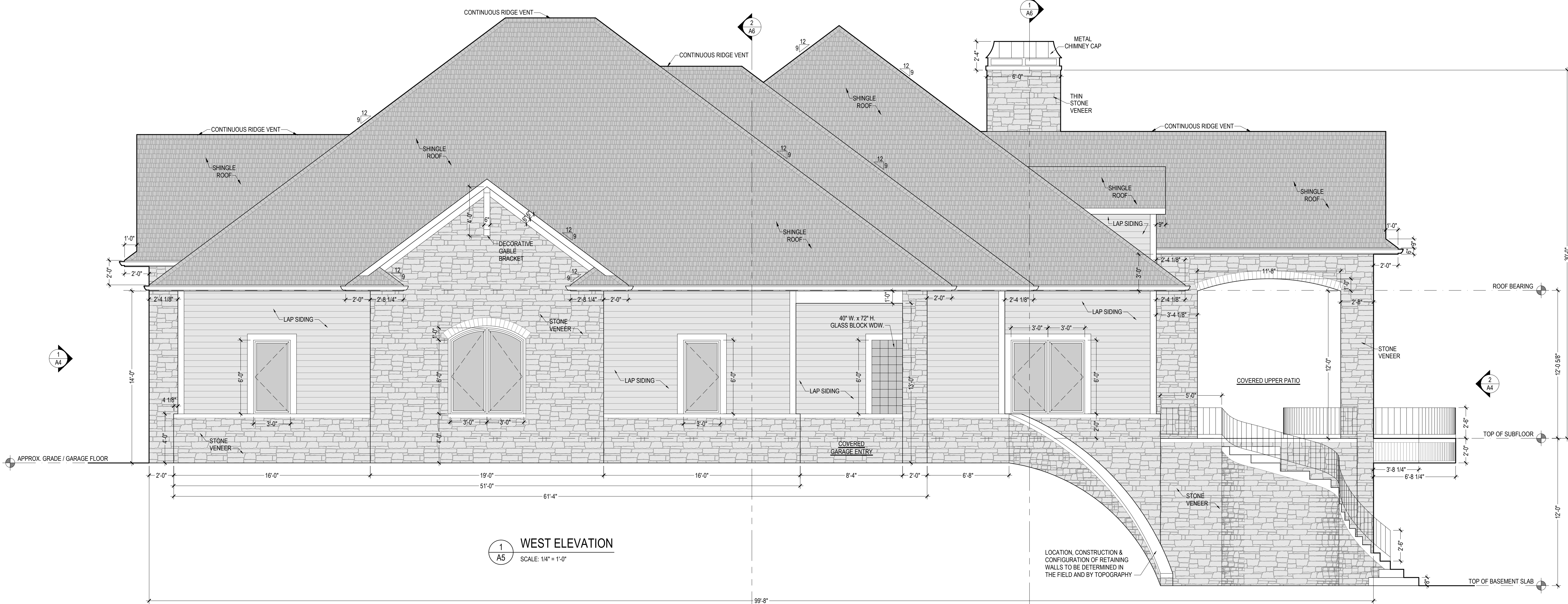


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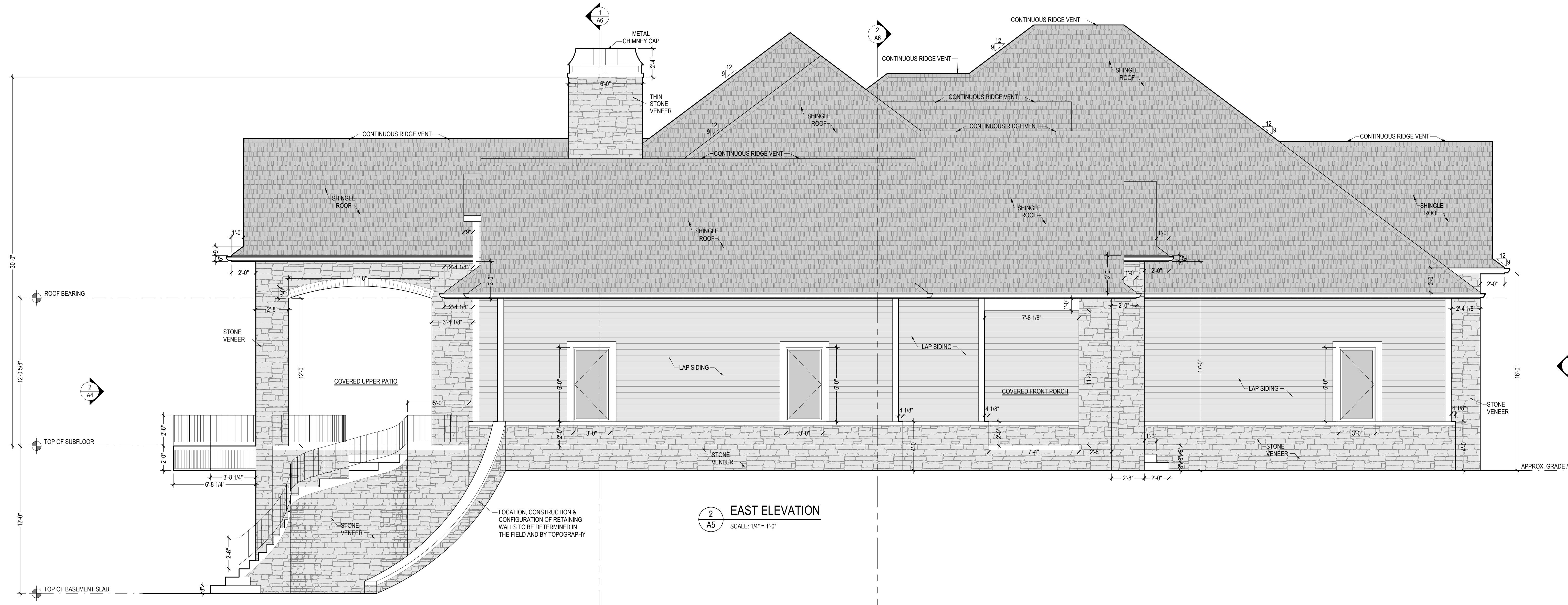
EXTERIOR ELEVATIONS	PROJ. NO.: 1606
Ross Kirkendoll - New House 70 Lake Vista Dr., Taylorville, IL 62568	DATE: 03-31-16
	A4

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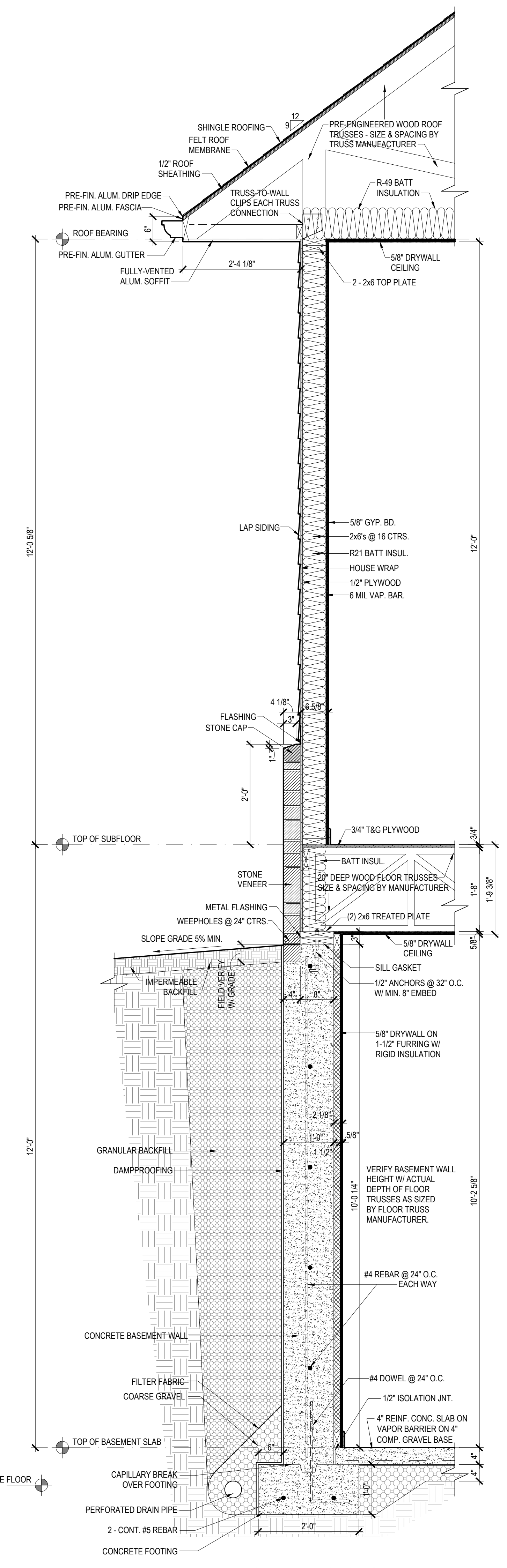
EPRES 11-30-16



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

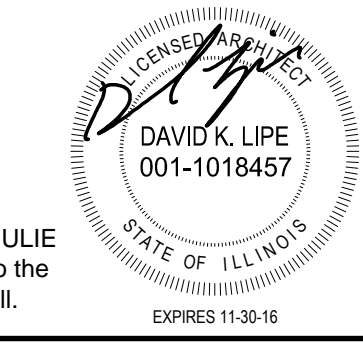


2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"

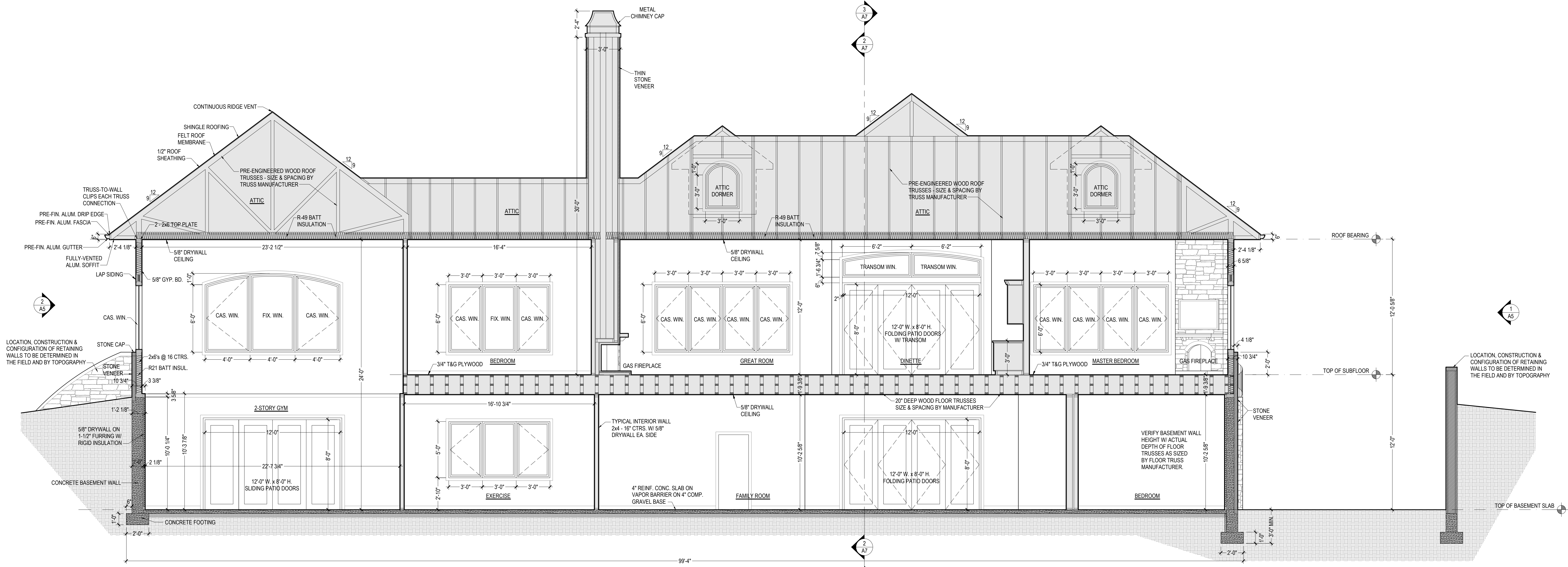
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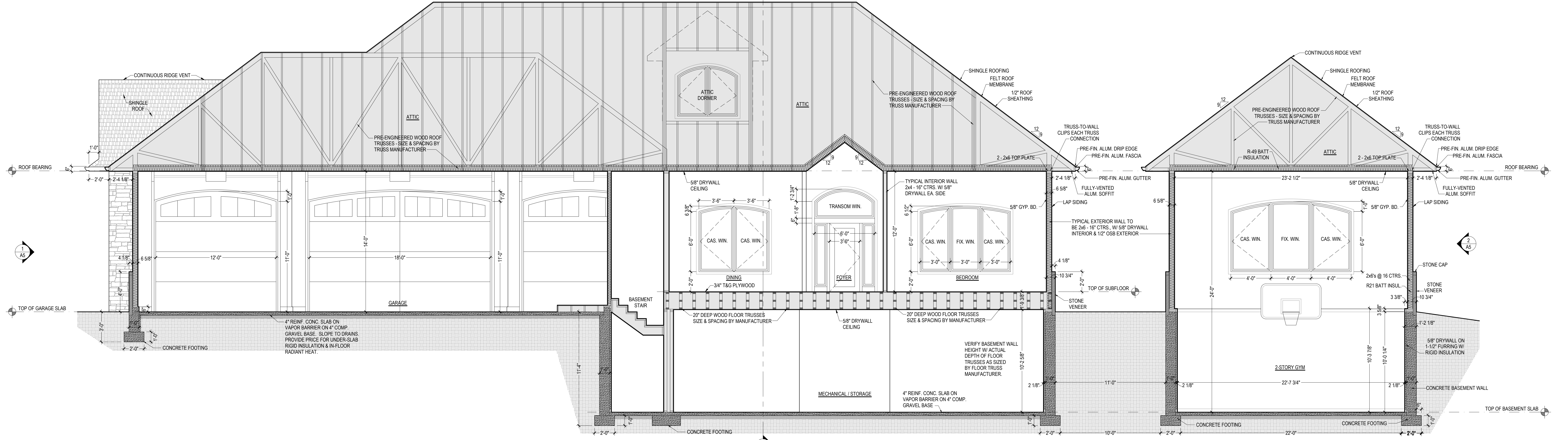
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EXTERIOR ELEVATIONS & TYPICAL WALL SECTION	PROJ. NO.: 1606
	DATE: 03-31-16
Ross Kirkendoll - New House 70 Lake Vista Dr., Taylorville, IL 62568	A5

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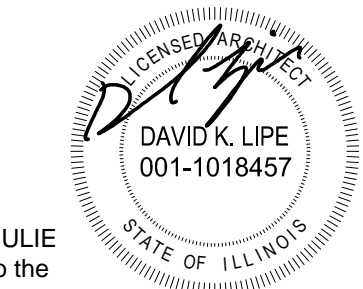


1 HOUSE SECTION
SCALE: 1/4" = 1'-0"



2 HOUSE SECTION
SCALE: 1/4" = 1'-0"

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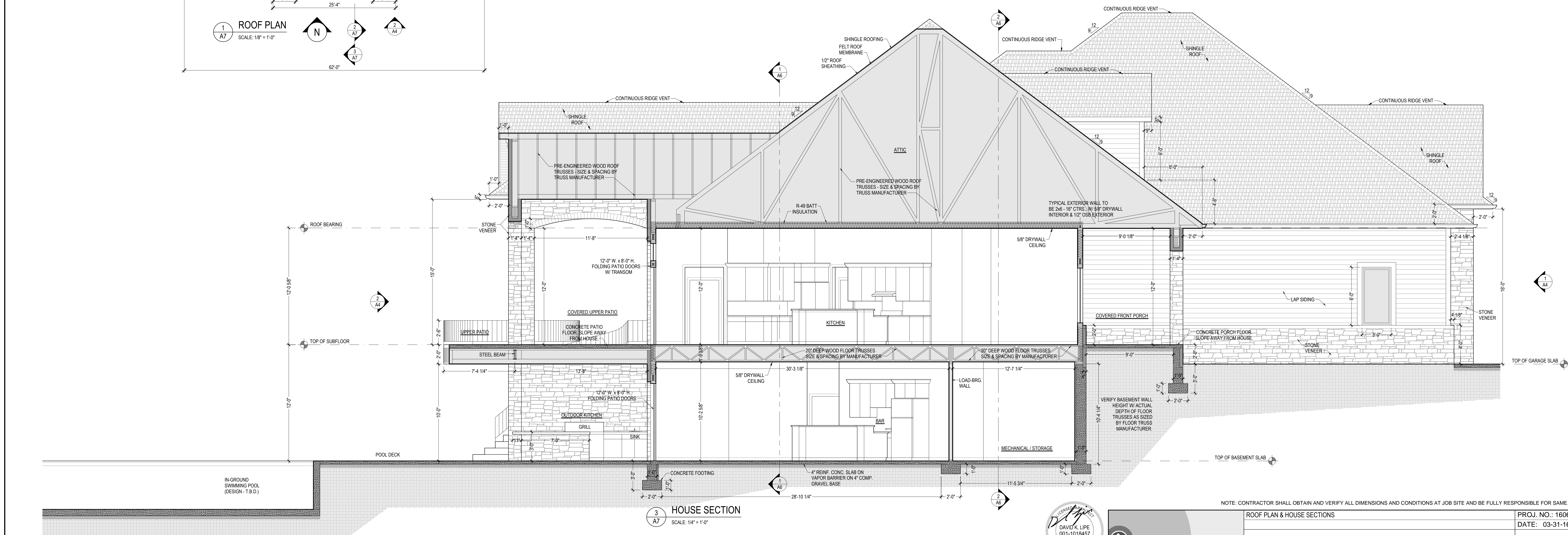
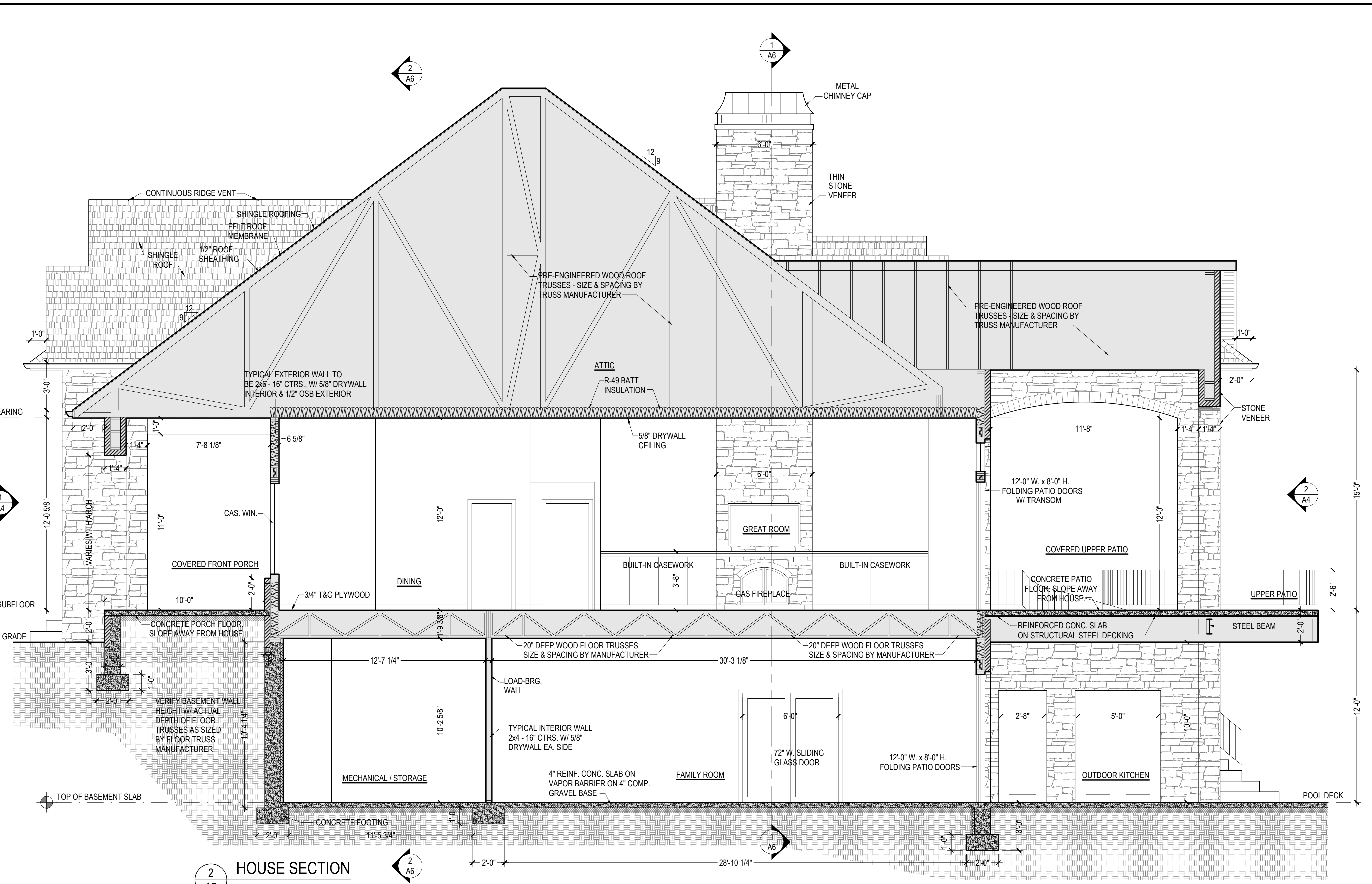
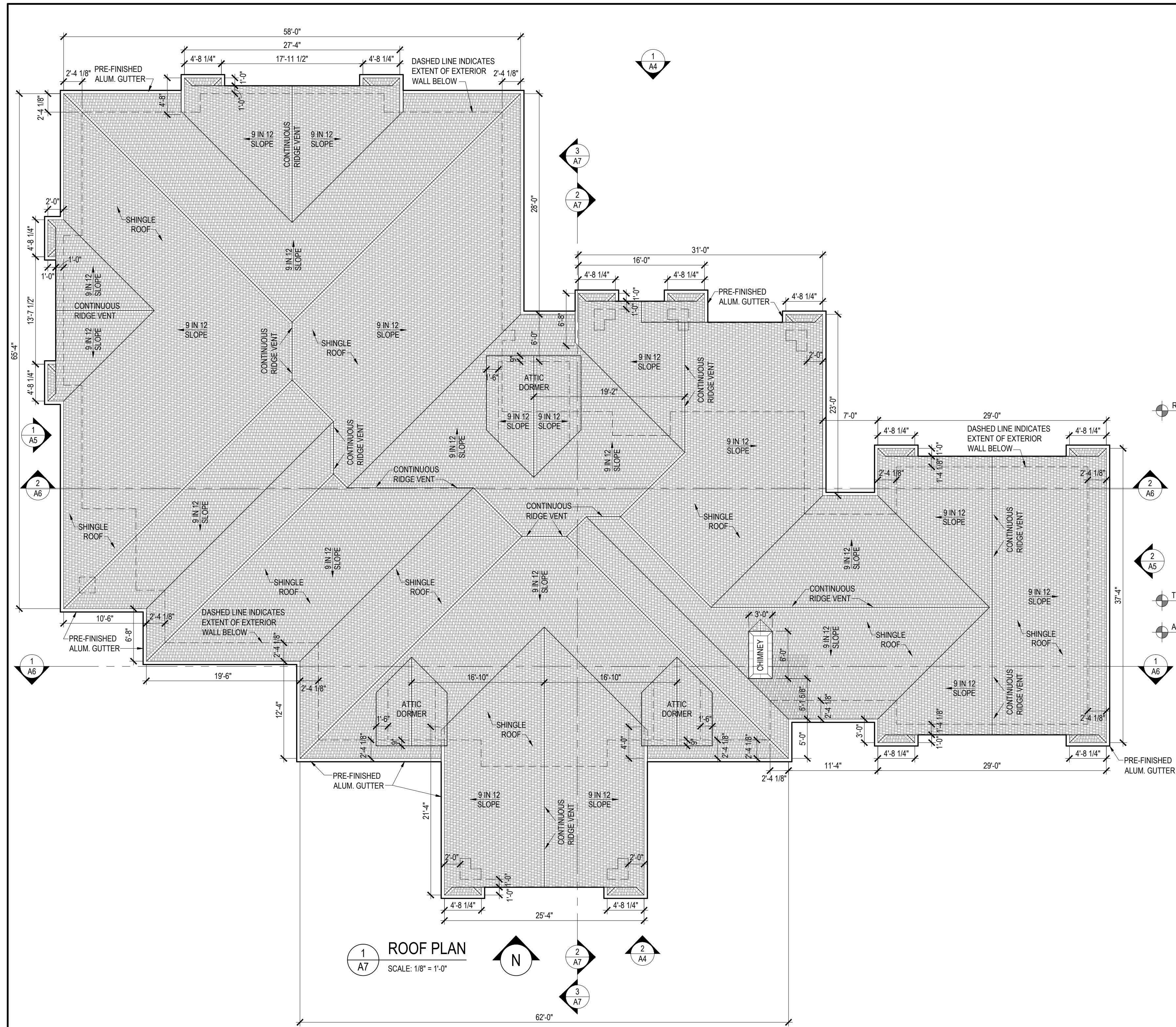


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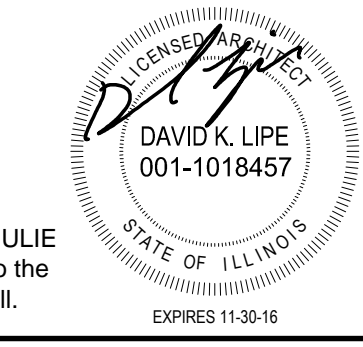
HOUSE SECTIONS	PROJ. NO.: 1606
	DATE: 03-31-16
Ross Kirkendoll - New House 70 Lake Vista Dr., Taylorville, IL 62568	A6

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EPRES 11-30-16



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Nokomis, IL
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ROSS KIRKENDOLL - NEW HOUSE
70 Lake Vista Dr., Taylorville, IL 62568

A7

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EPRES 11-30-16