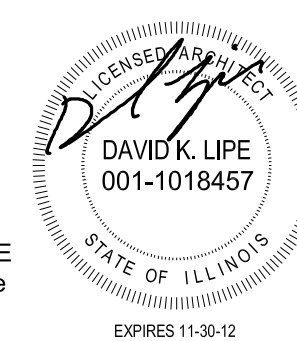


1  
A1 **BASEMENT PLAN - EXISTING**  
SCALE: 1/4" = 1'-0"



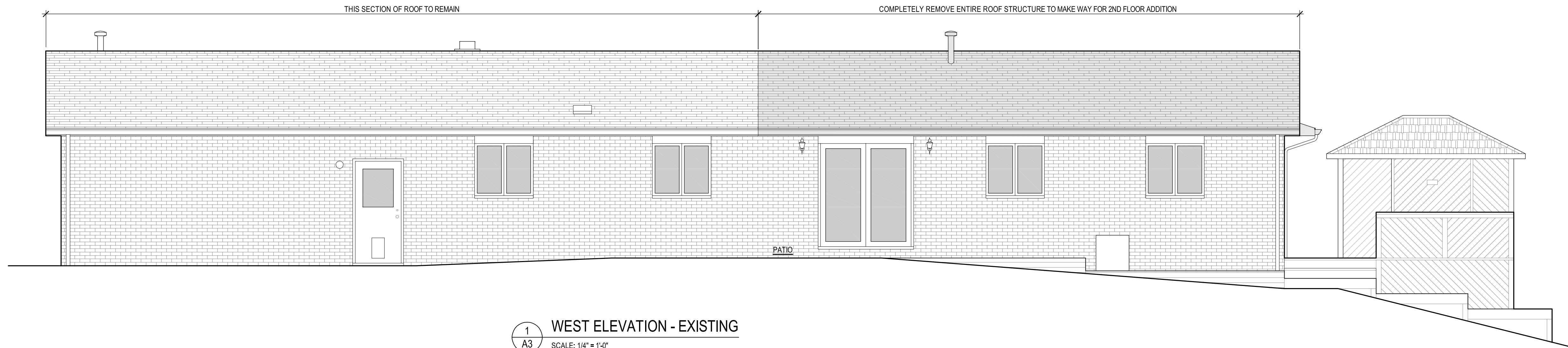
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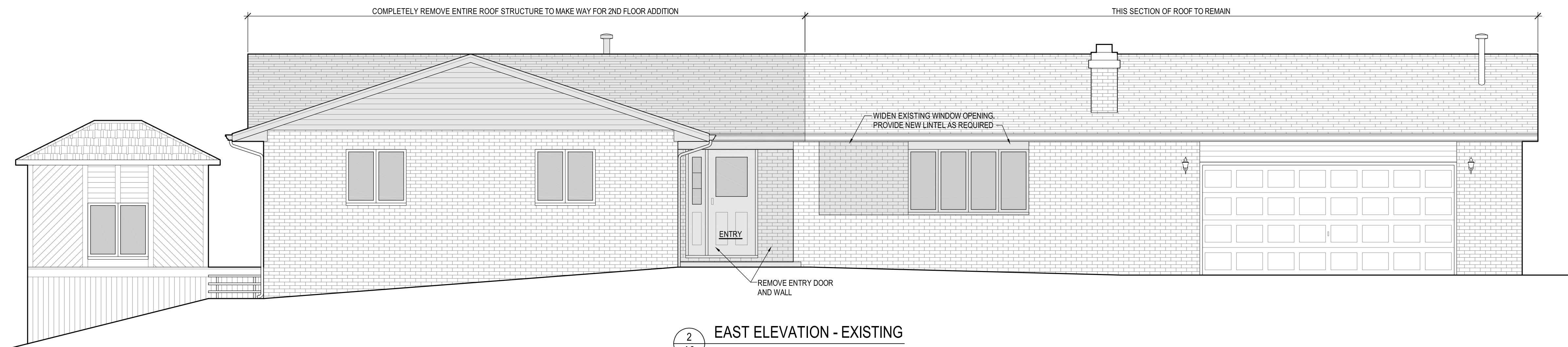
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

BASEMENT PLAN - EXISTING	PROJ. NO.: 1101
	DATE: 02-18-11
<b>Grimes House - Renovation</b> 5003 Passfield Road, Rochester, Illinois	<b>A1</b>

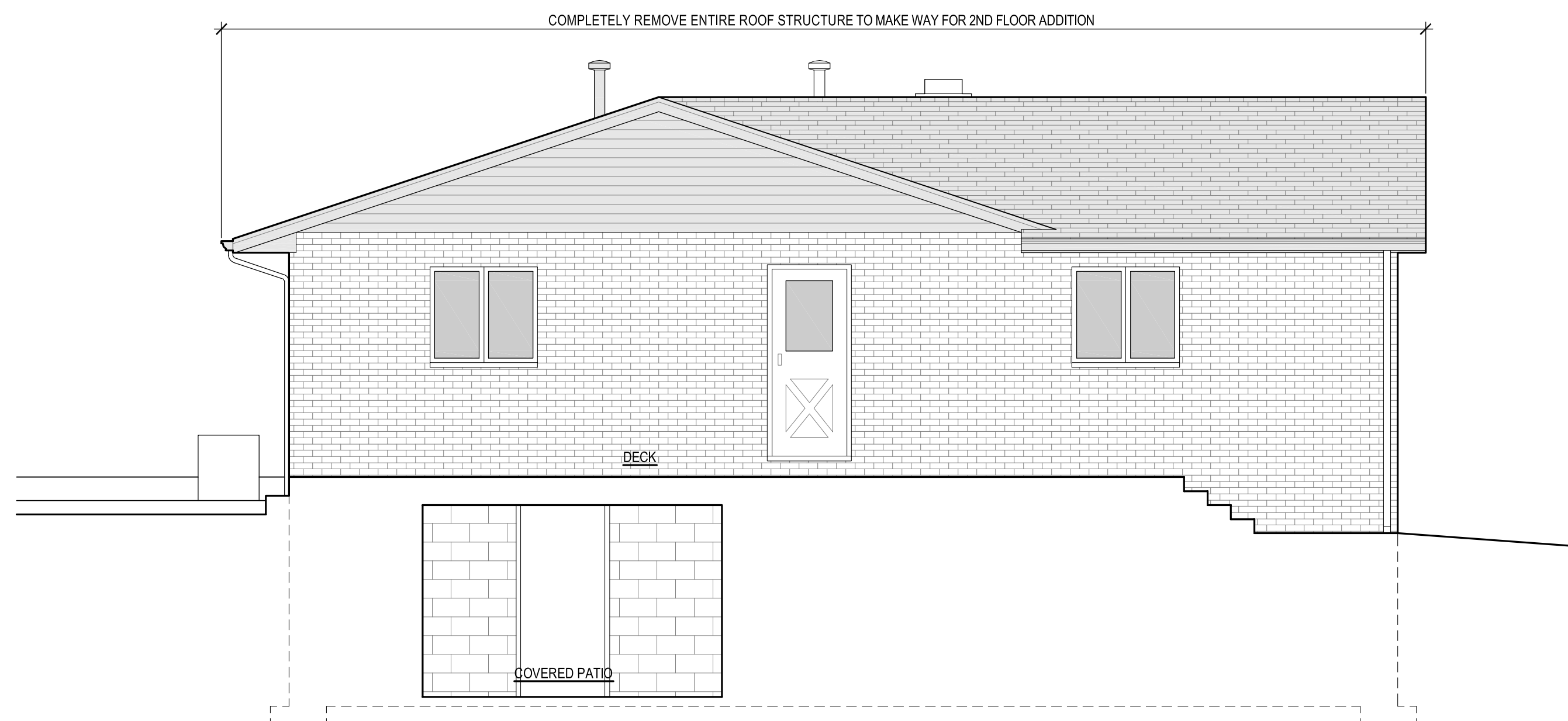




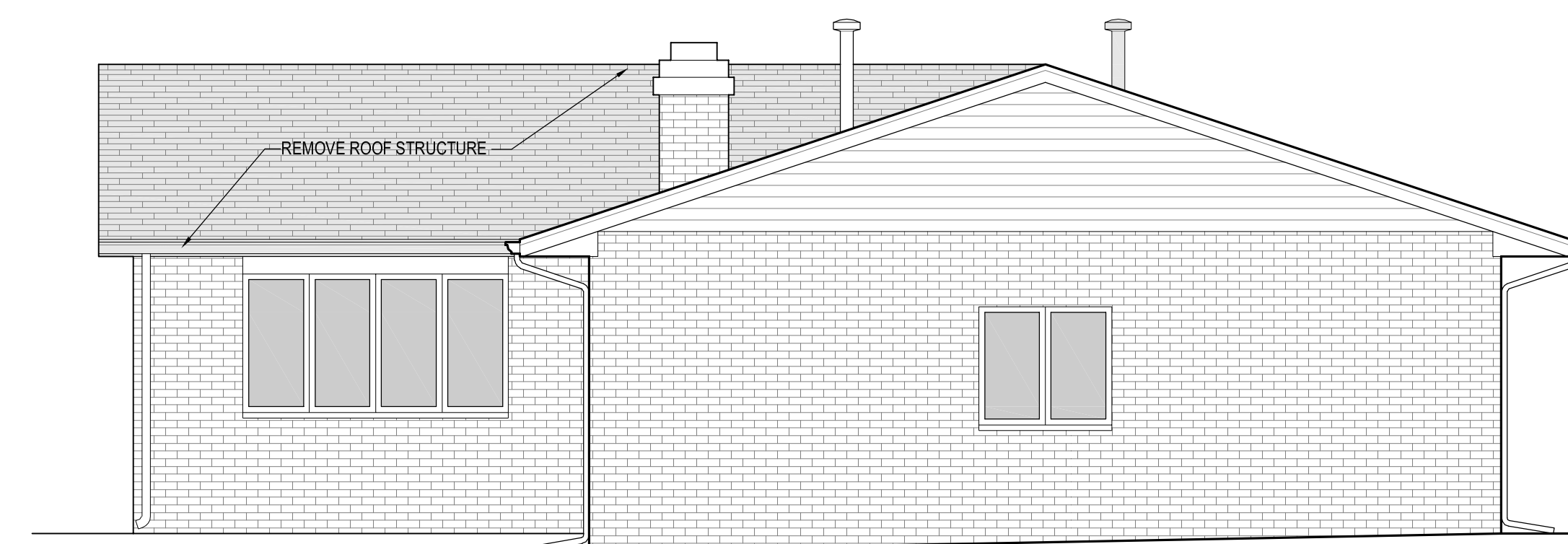
1 WEST ELEVATION - EXISTING  
A3 SCALE: 1/4" = 1'-0"



2 EAST ELEVATION - EXISTING  
A3 SCALE: 1/4" = 1'-0"



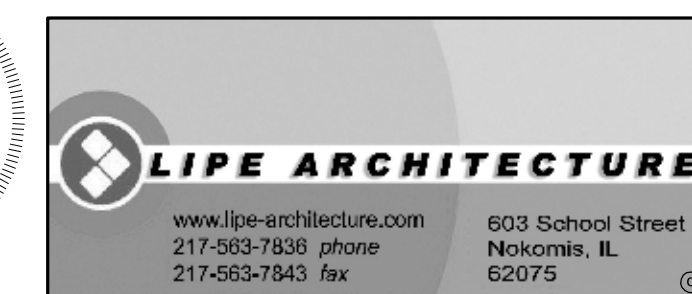
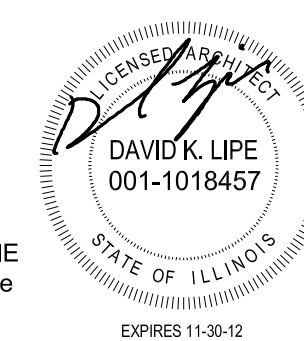
3 SOUTH ELEVATION - EXISTING  
A3 SCALE: 1/4" = 1'-0"



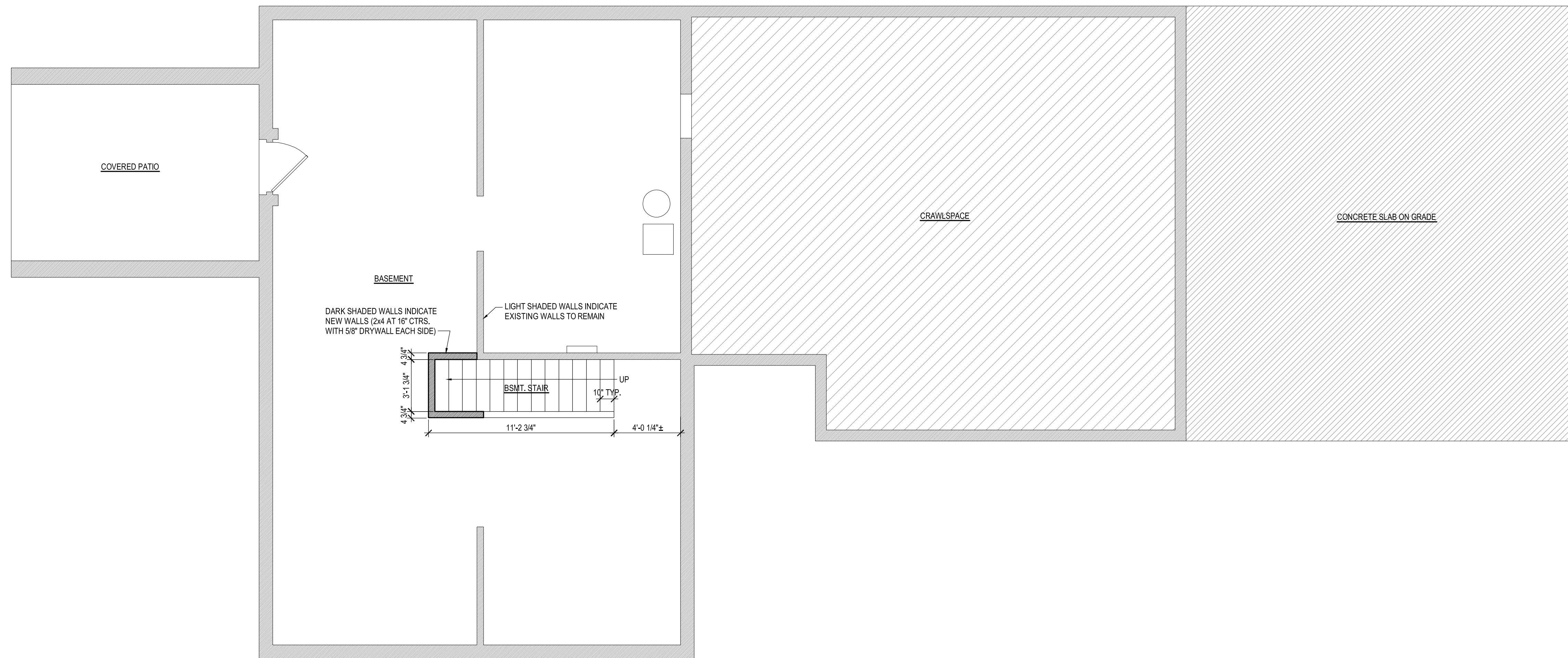
4 NORTH ELEVATION - EXISTING  
A3 SCALE: 1/4" = 1'-0"

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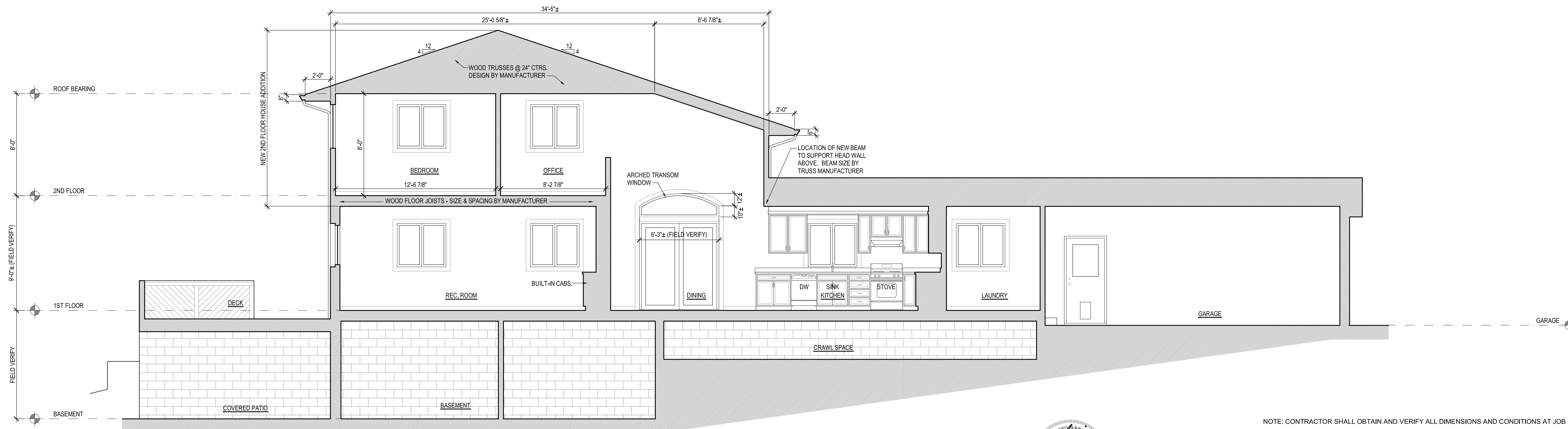
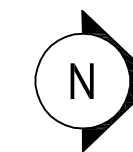
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EXTERIOR ELEVATIONS - EXISTING	PROJ. NO.: 1101
	DATE: 02-18-11
<b>Grimes House - Renovation</b> 5003 Passfield Road, Rochester, Illinois	
<b>A3</b>	



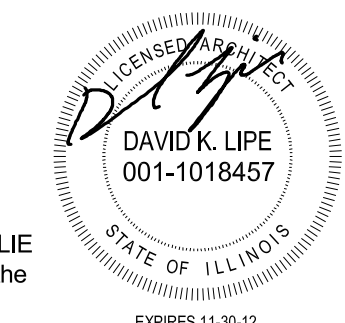
1  
A4 **BASEMENT PLAN - PROPOSED**  
SCALE: 1/4" = 1'-0"



2  
A4 **BUILDING SECTION - PROPOSED**  
SCALE: 1/4" = 1'-0"

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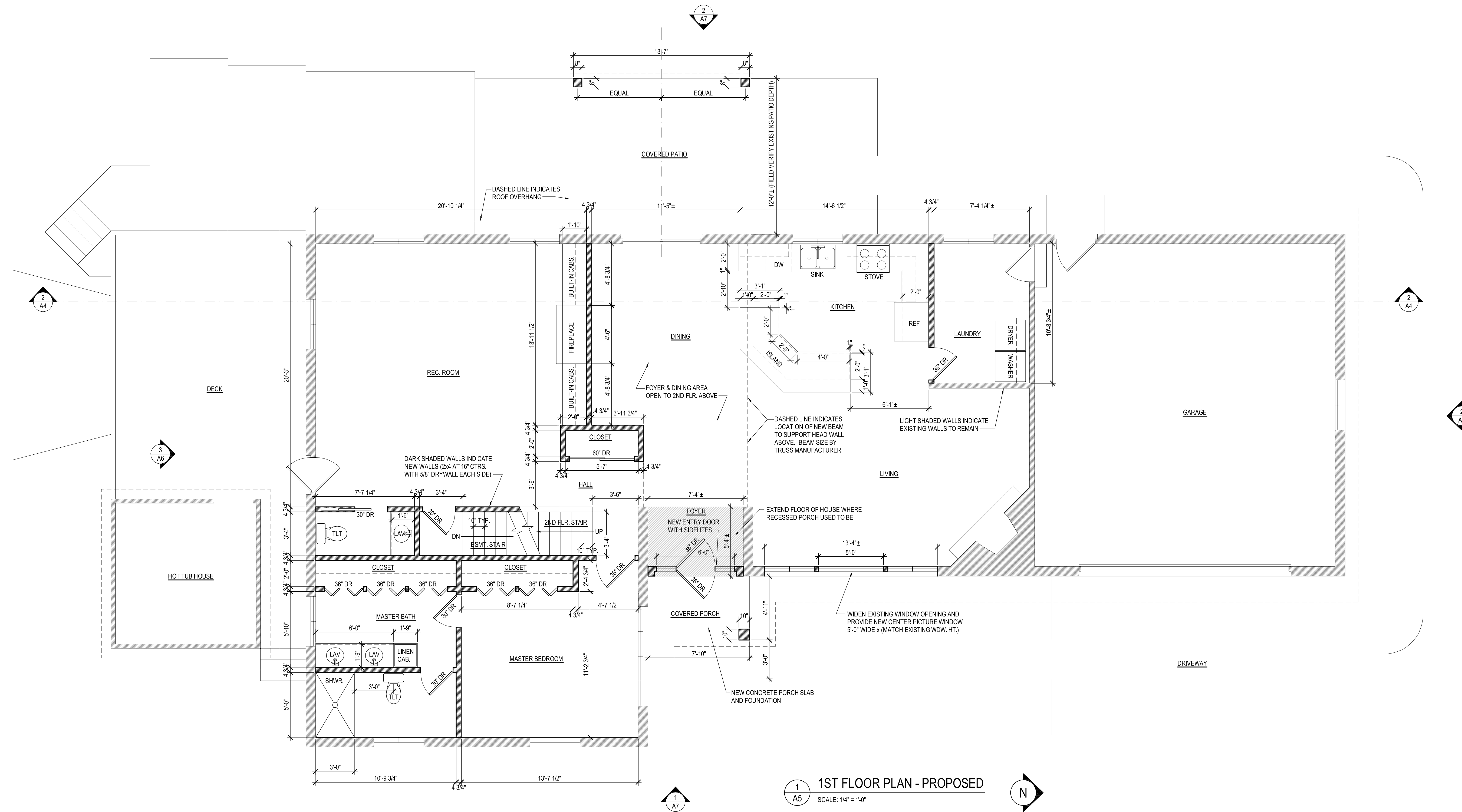


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BASEMENT PLAN & BUILDING SECTION - PROPOSED	PROJ. NO.: 1101
	DATE: 02-18-11
<b>Grimes House - Renovation</b> 5003 Passfield Road, Rochester, Illinois	<b>A4</b>



1 1ST FLOOR PLAN - PROPOSED  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES**

**STRUCTURAL STEEL**

1. 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.
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 D1.1-84, 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 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**

1. Load Bearing 2x studs shall be #1 SYP or equal with the following design values:  
F<sub>b</sub> = 1850 psi, F<sub>c</sub> = 1850 psi, E = 1,700,000 psi

**NAILING PATTERN OF ROOF DECK, FLOOR DECK AND EXTERIOR STUD WALLS**

1. Nail 1/2" OSB roof deck w/ 10d nails @ 6" o.c. at all panel edges. Nail intermediate framing w/ 10d nails @ 12" o.c. Use plywood clips on panel edges.
2. Nail 3/4" OSB floor deck to floor joists w/ 10d nails at 6" o.c. at supported plywood edges and 10d nails @ 12" o.c. at intermediate framing.
3. Nail 1/2" OSB wall panels w/ 8d nails @ 6" o.c. at all panel edges. Block panel edges with 2" wide blocking and nail to studs. Nail at intermediate studs with 8d nails @ 12" o.c.

**DESIGN LOADS**

1. The building is designed in accordance with the 2006 International Building Code.
2. Design loads are as follows:  
Roof: DL - 20 psf, LL 30 psf. (plus drifting snow loads)  
Wind: 90 mph velocity, Exposure C, I = 1.0, Per 2006 IBC  
Seismic: S<sub>s</sub> = .25, S<sub>1</sub> = .12, Seismic Use Group I, I<sub>e</sub> = 1.0, Site Class D, S<sub>ds</sub> = 0.267, S<sub>d1</sub> = 0.185, Seismic Design Category C, Lateral Force Resisting System: Plywood Shear Walls

**GENERAL NOTES**

**FOUNDATIONS**

1. The contractor shall verify the adequacy of all bearing material before placing footings and shall place all foundations on undisturbed soil of adequate capacity.

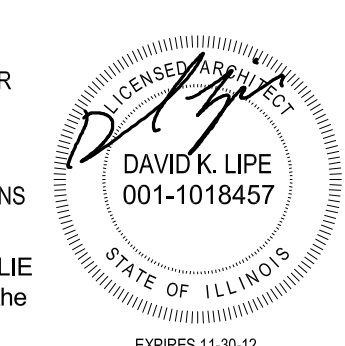
**CONCRETE**

1. All concrete shall be 4000 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.
2. 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
3. Holes through walls shall be reinforced with four #4 diagonal bars in each face extending past the corner of the opening 1'-6".
4. Footing reinforcement shall be supported on high chairs or sand plates. No bricks or rebar permitted. Dowels shall be tied to the footing mat. Dowels shall not be floated in.

**GENERAL NOTES:**

- 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

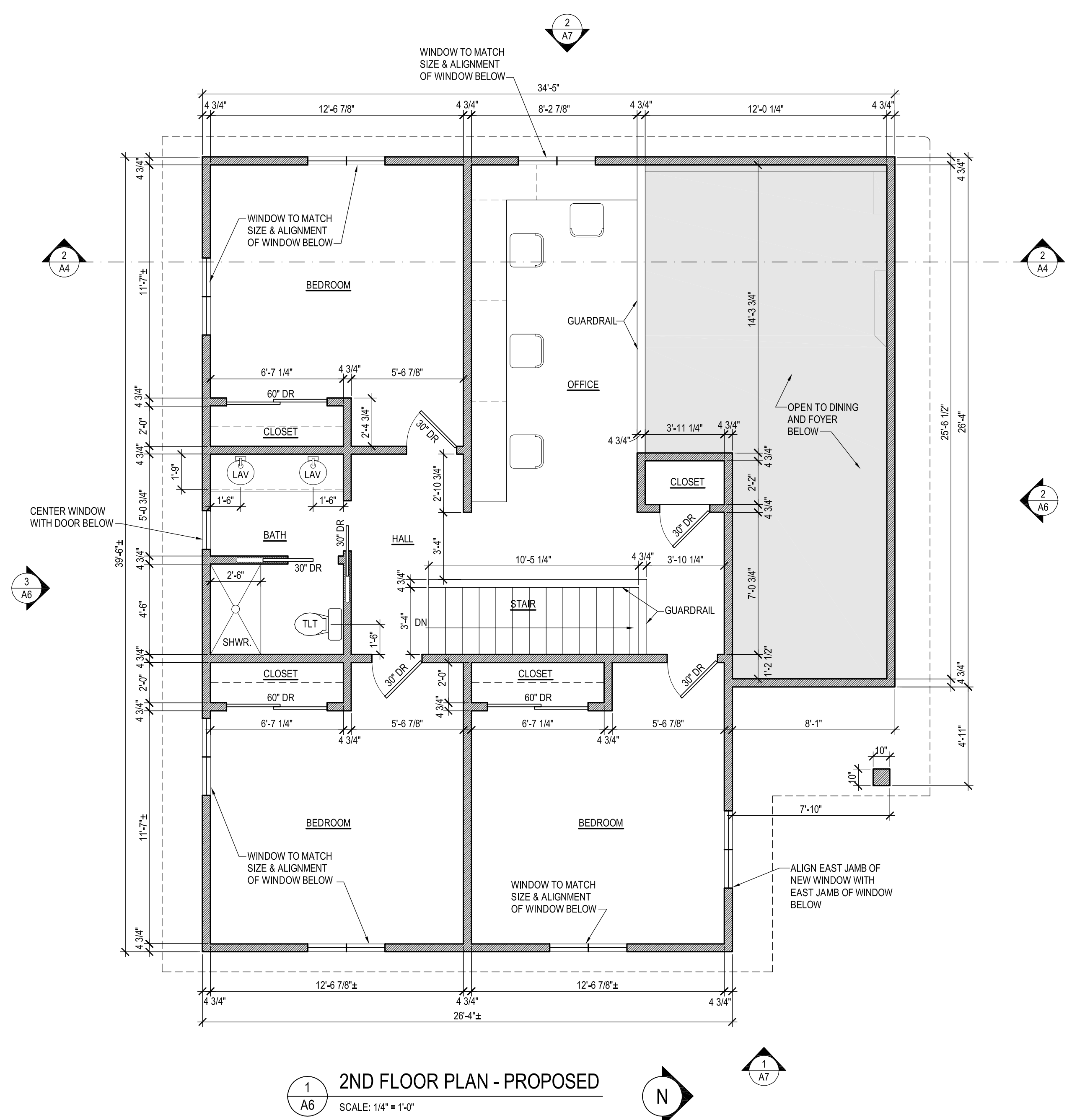
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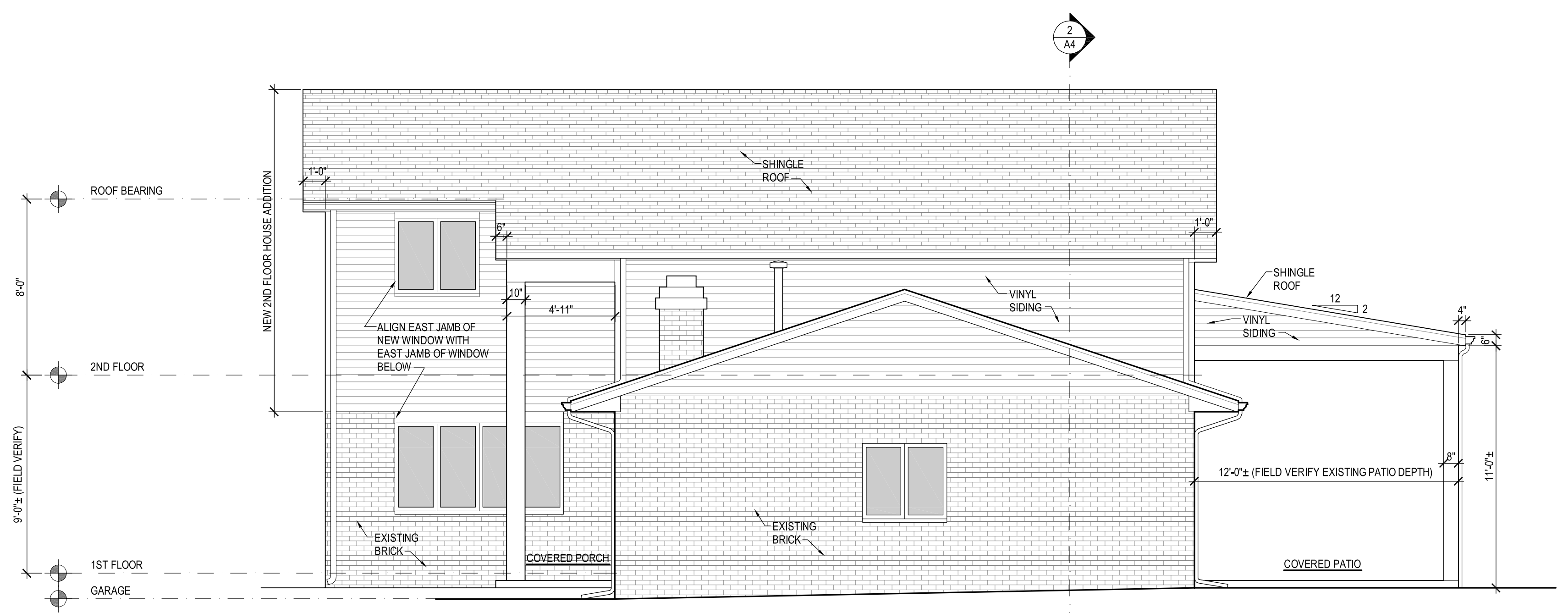
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1ST FLOOR PLAN - PROPOSED	PROJ. NO.: 1101
	DATE: 02-18-11
	<b>A5</b>

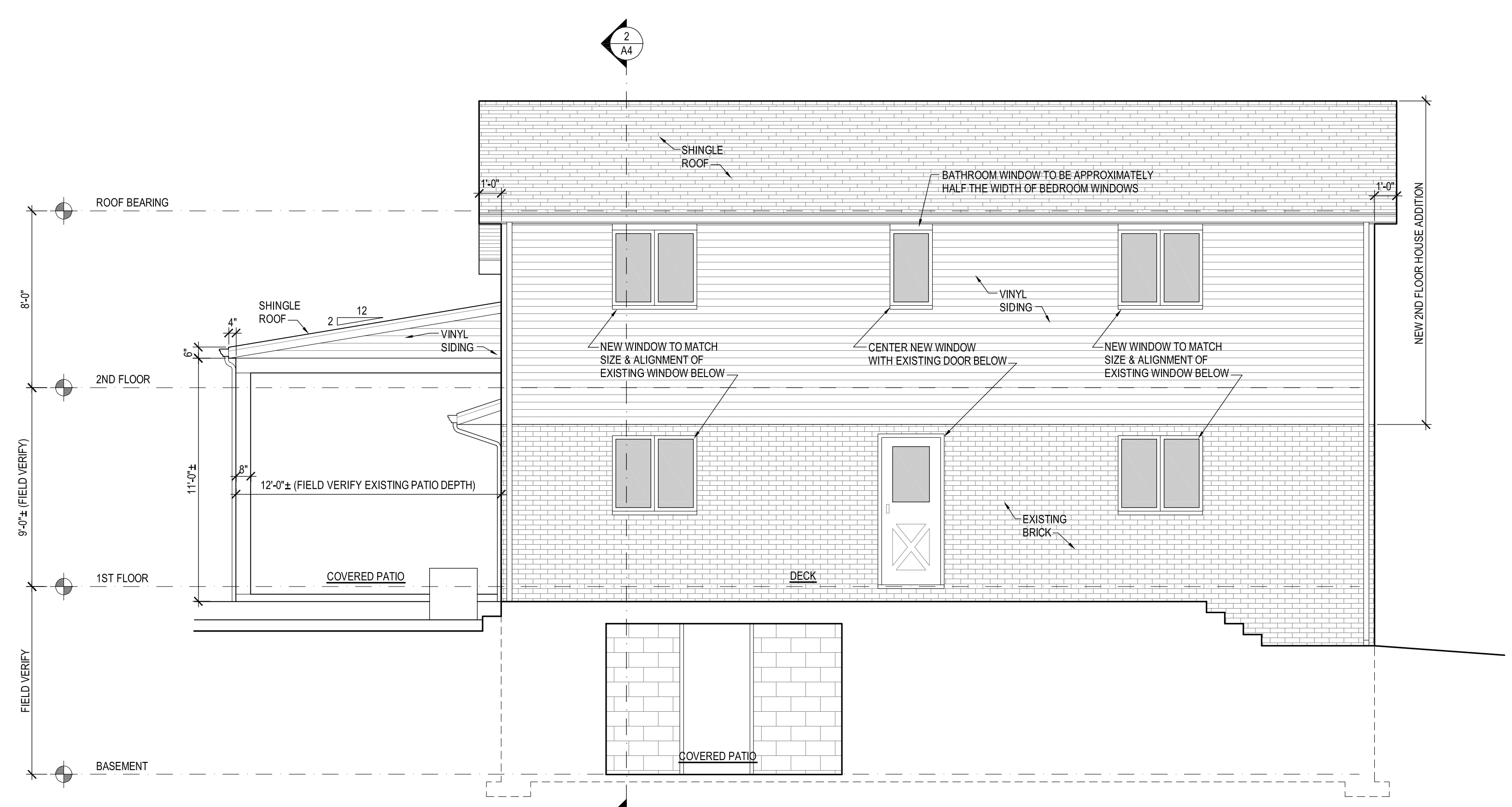
**Grimes House - Renovation**  
5003 Passfield Road, Rochester, Illinois



1  
A6  
2ND FLOOR PLAN - PROPOSED  
SCALE: 1/4" = 1'-0"

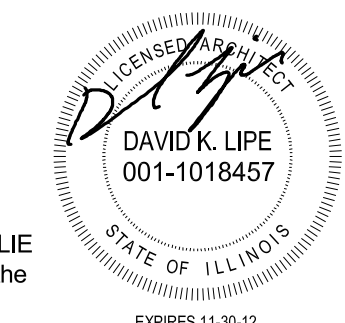


2  
A6  
NORTH ELEVATION - PROPOSED  
SCALE: 1/4" = 1'-0"



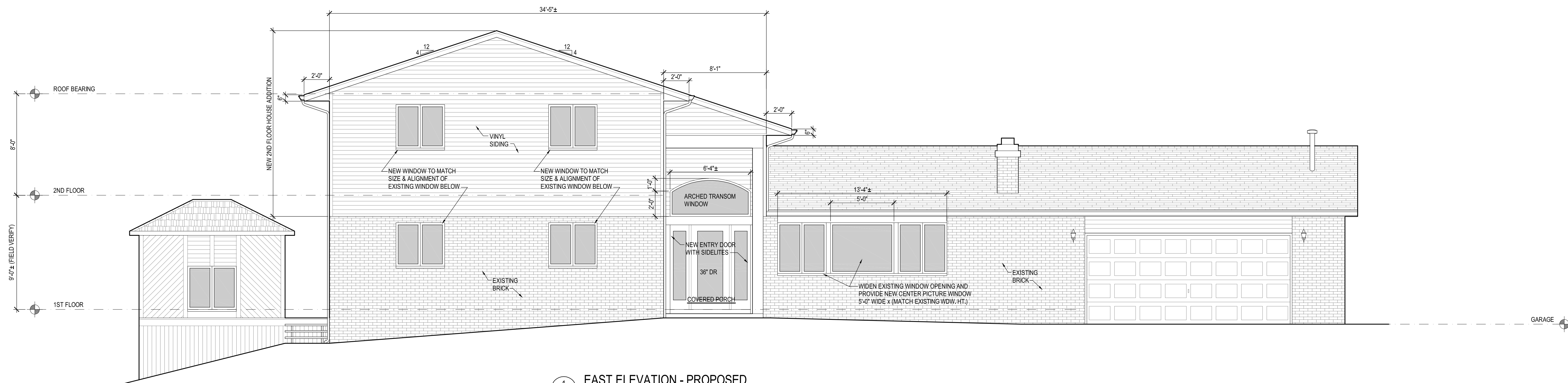
3  
A6  
SOUTH ELEVATION - PROPOSED  
SCALE: 1/4" = 1'-0"

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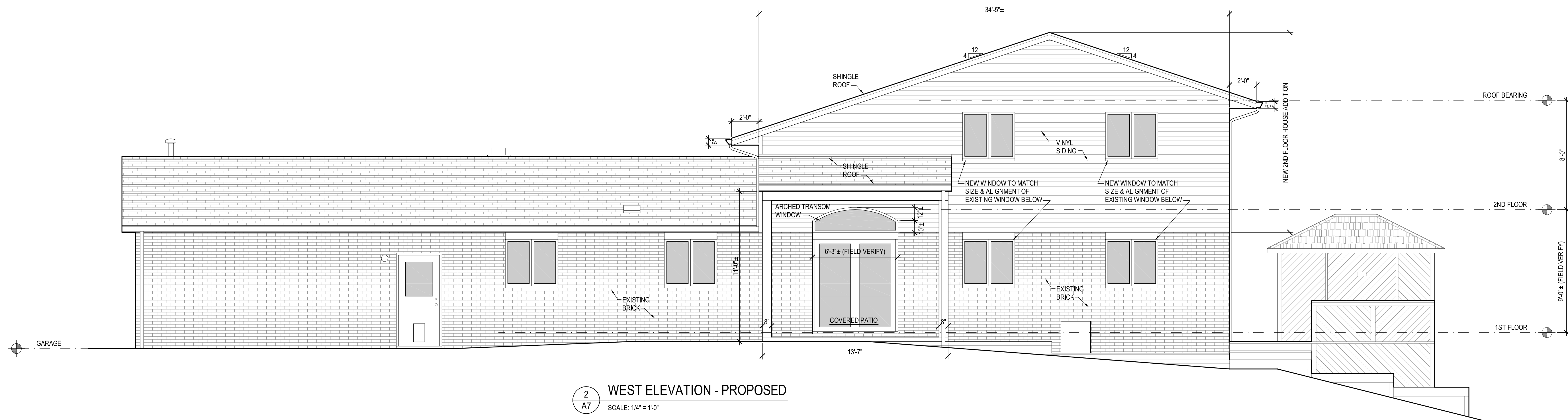


2ND FLOOR PLAN & EXTERIOR ELEVATIONS - PROPOSED	PROJ. NO.: 1101
	DATE: 02-18-11
Grimes House - Renovation 5003 Passfield Road, Rochester, Illinois	A6

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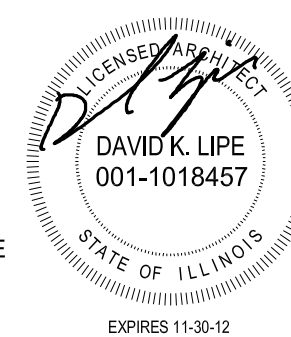


1 EAST ELEVATION - PROPOSED  
A7 SCALE: 1/4" = 1'-0"



2 WEST ELEVATION - PROPOSED  
A7 SCALE: 1/4" = 1'-0"

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EXTERIOR ELEVATIONS - PROPOSED	PROJ. NO.: 1101
	DATE: 02-18-11
<b>Grimes House - Renovation</b> 5003 Passfield Road, Rochester, Illinois	<b>A7</b>

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