

Drawing Index

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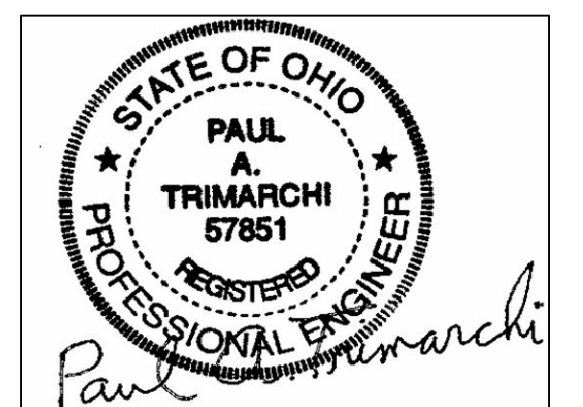


EXISTING
REAR ELEVATION



PROPOSED
REAR ELEVATION

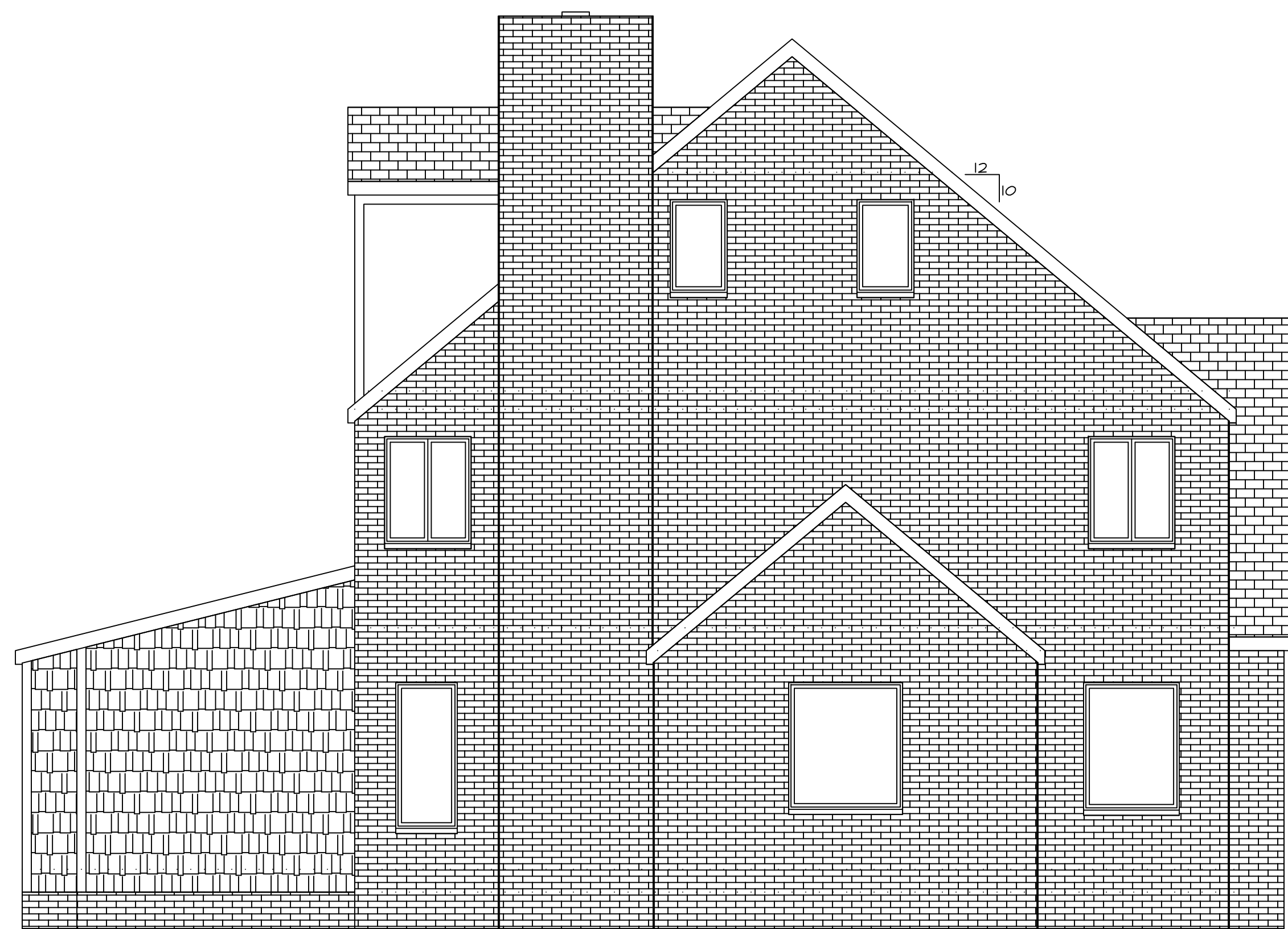
NOTE: REMOVE SECOND STORY BRICK FACADE WHERE NEW ADDITION WILL JOIN HOUSE, TO REDUCE WEIGHT ON PROPOSED BEAMS.



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DISCLAIMER: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS TO AVOID MISTAKES, THE DESIGNER CANNOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND OTHER DETAILS AND BE RESPONSIBLE FOR SAME. FIELD VERIFY BEAM LENGTHS TO INCLUDE ADEQUATE BEARING ON EACH END BEFORE ORDERING BEAMS.

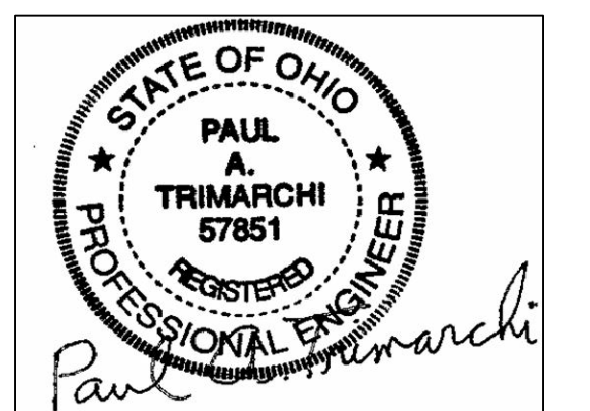
MATT DAVIS ADDITION	SCALE: 1/4" = 1'-0"
20025 Frazier Dr, Rocky River	0 2' 4' 6' 8' 10' 12' 14' 16'
Page 1	Dwgs by: Paul A. Trimarchi, P.E. (440) 539-0754



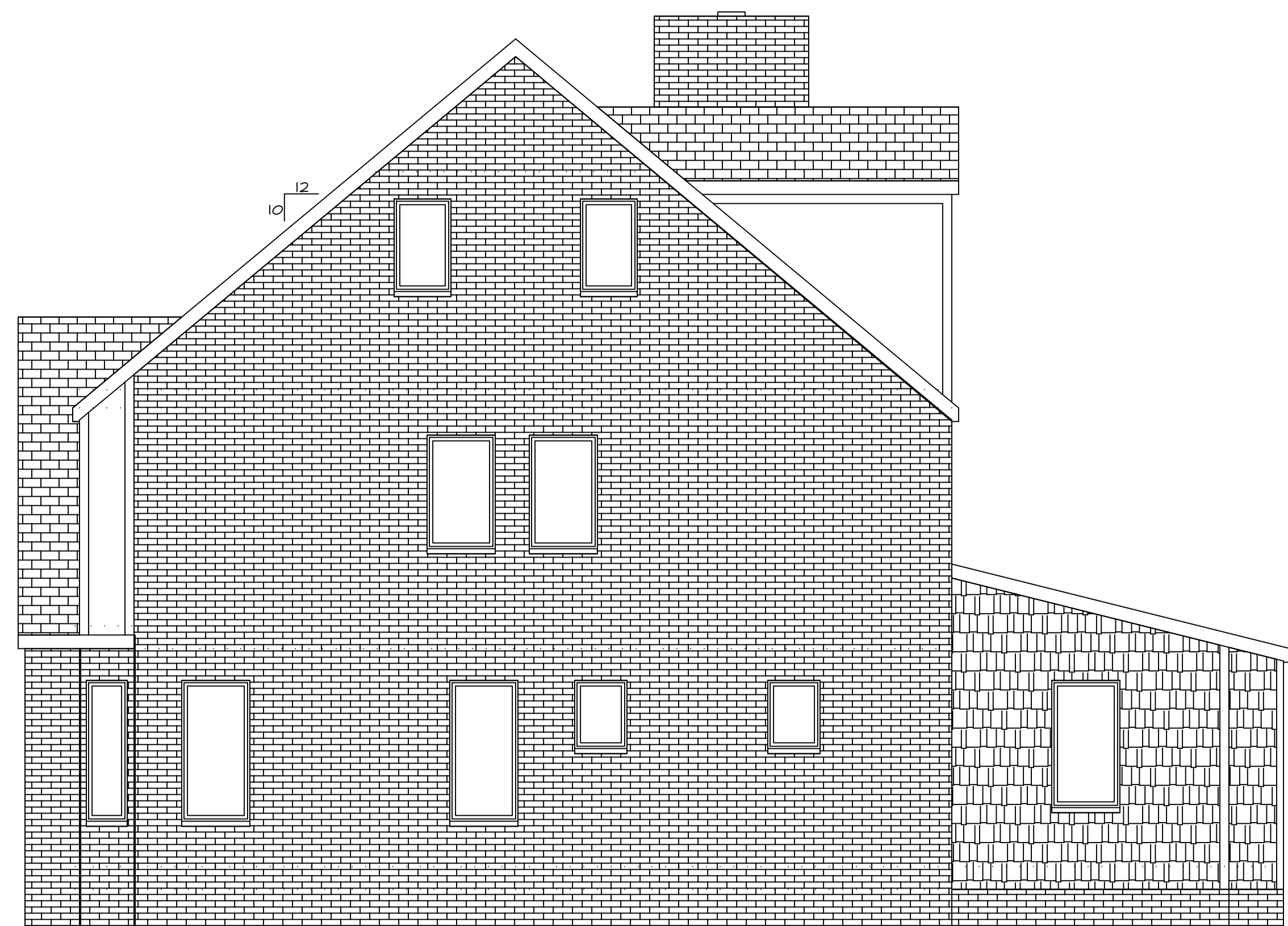
EXISTING
LEFT SIDE ELEVATION



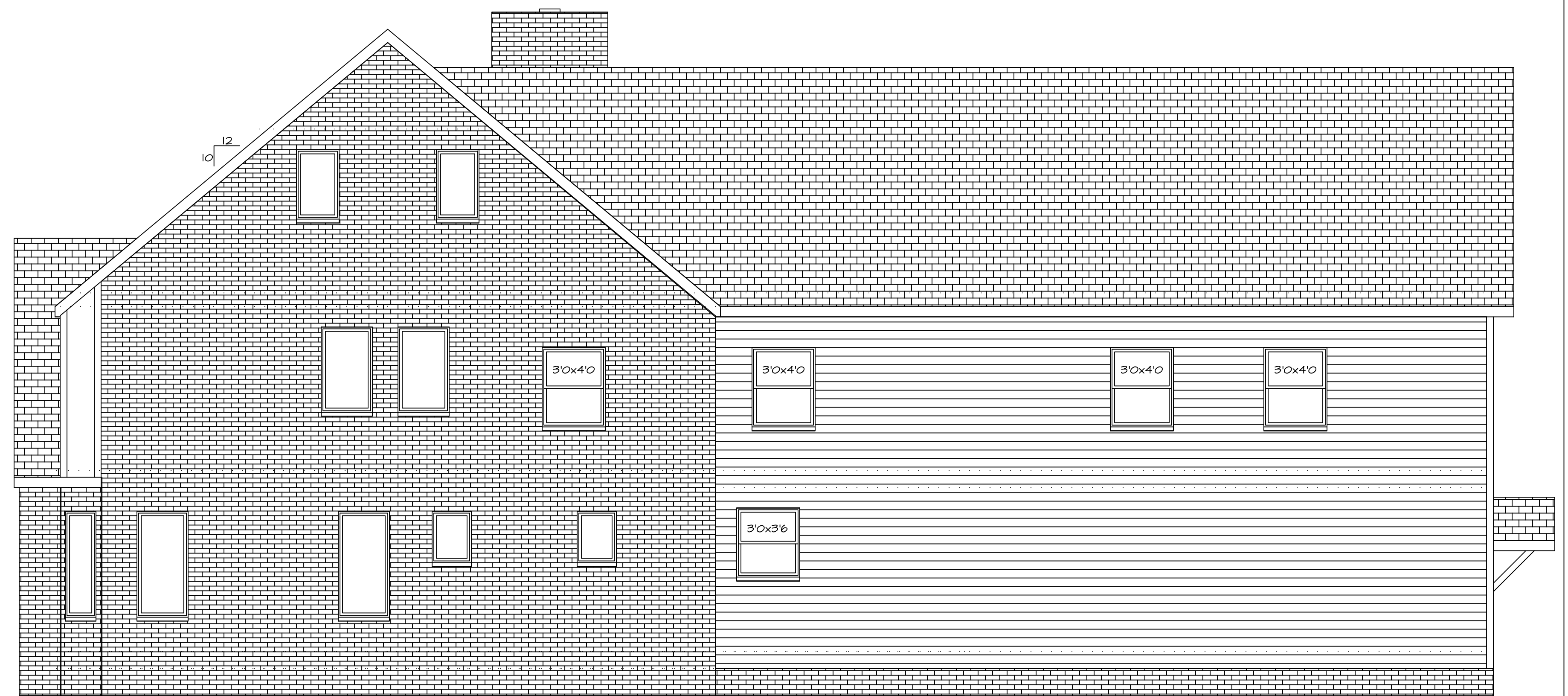
PROPOSED
LEFT SIDE ELEVATION



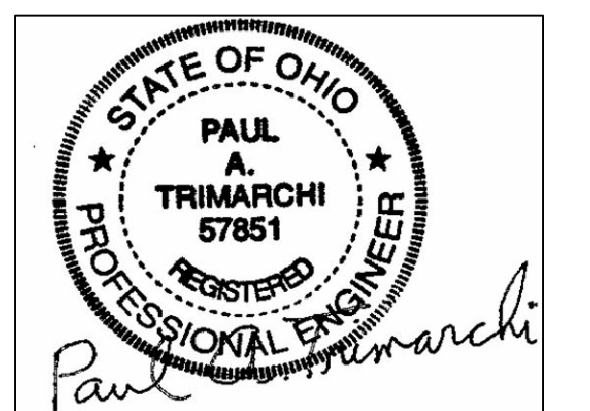
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EXISTING
RIGHT SIDE ELEVATION

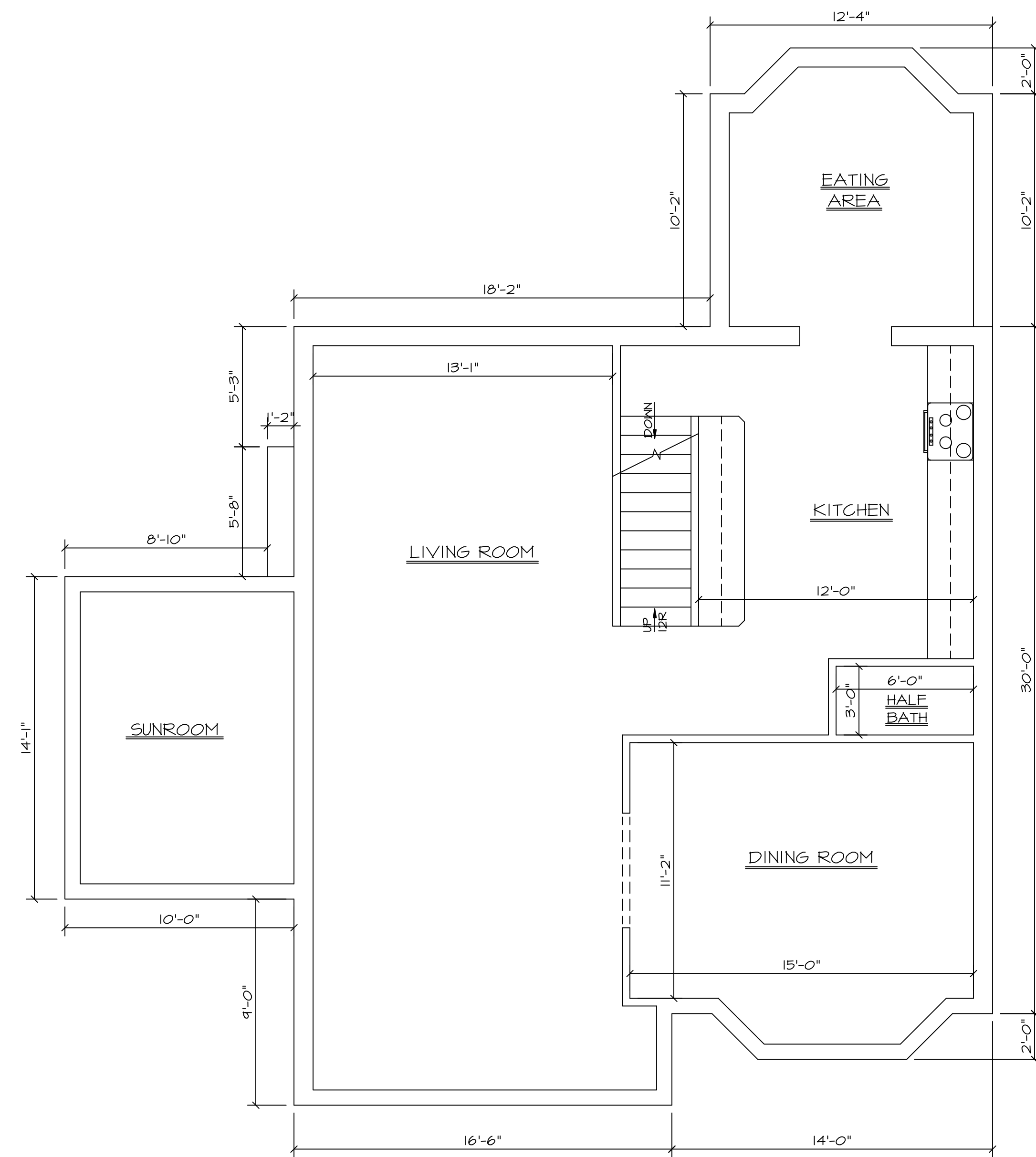


PROPOSED
RIGHT SIDE ELEVATION

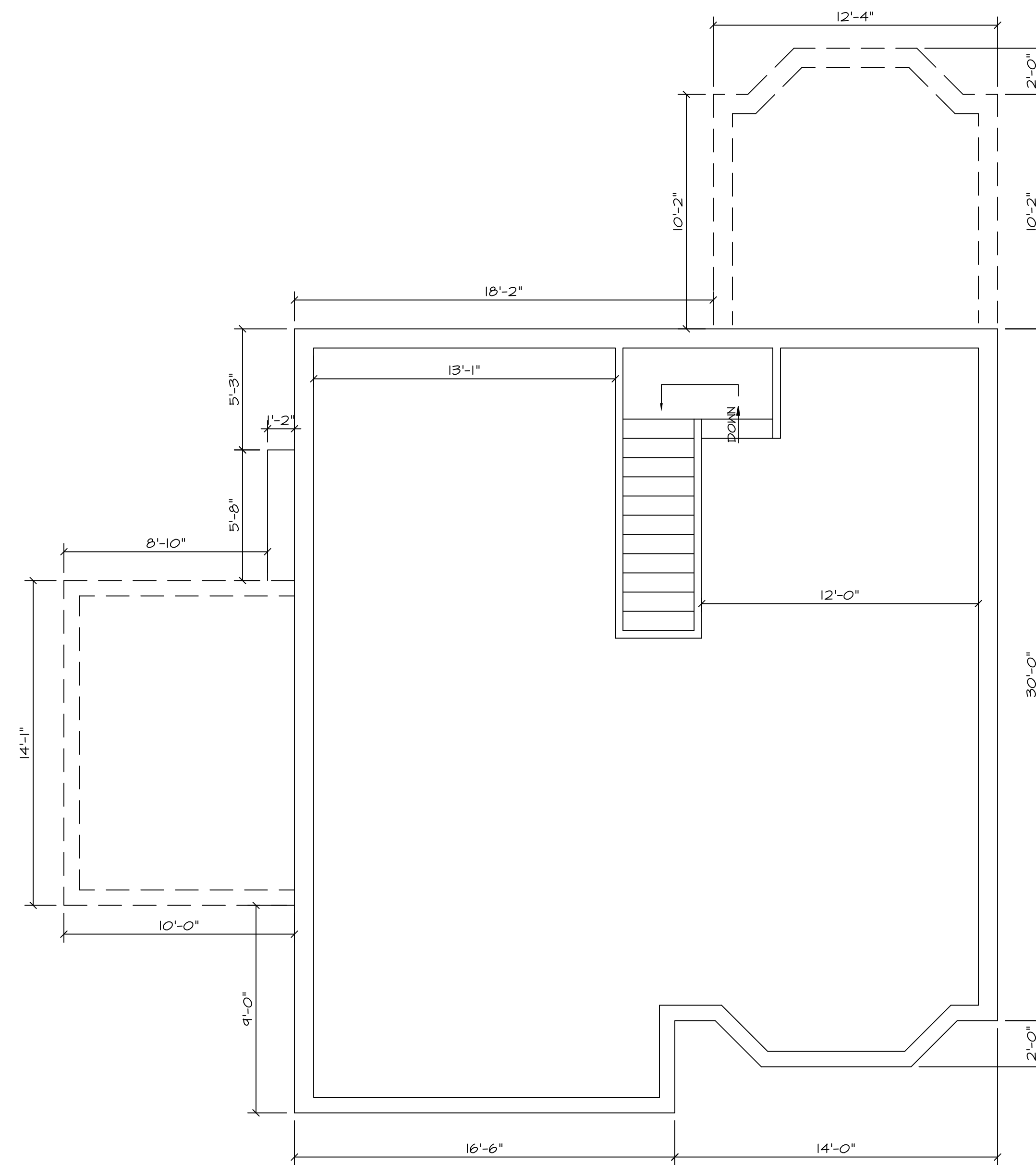


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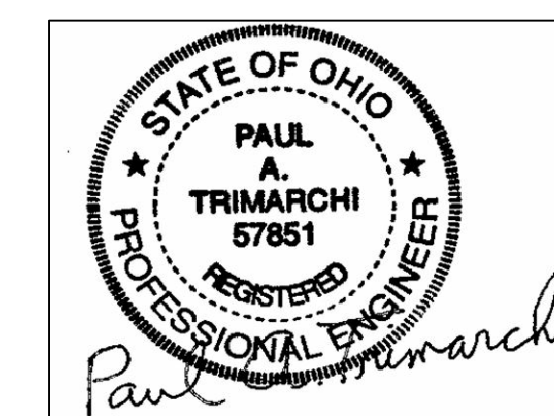
MATT DAVIS ADDITION	SCALE: 1/4" = 1'-0"
20025 Frazier Dr, Rocky River	0 2' 4' 6' 8' 10' 12' 14' 16'
Page 3	Dwgs by: Paul A. Trimarchi, P.E. (440) 539-0754



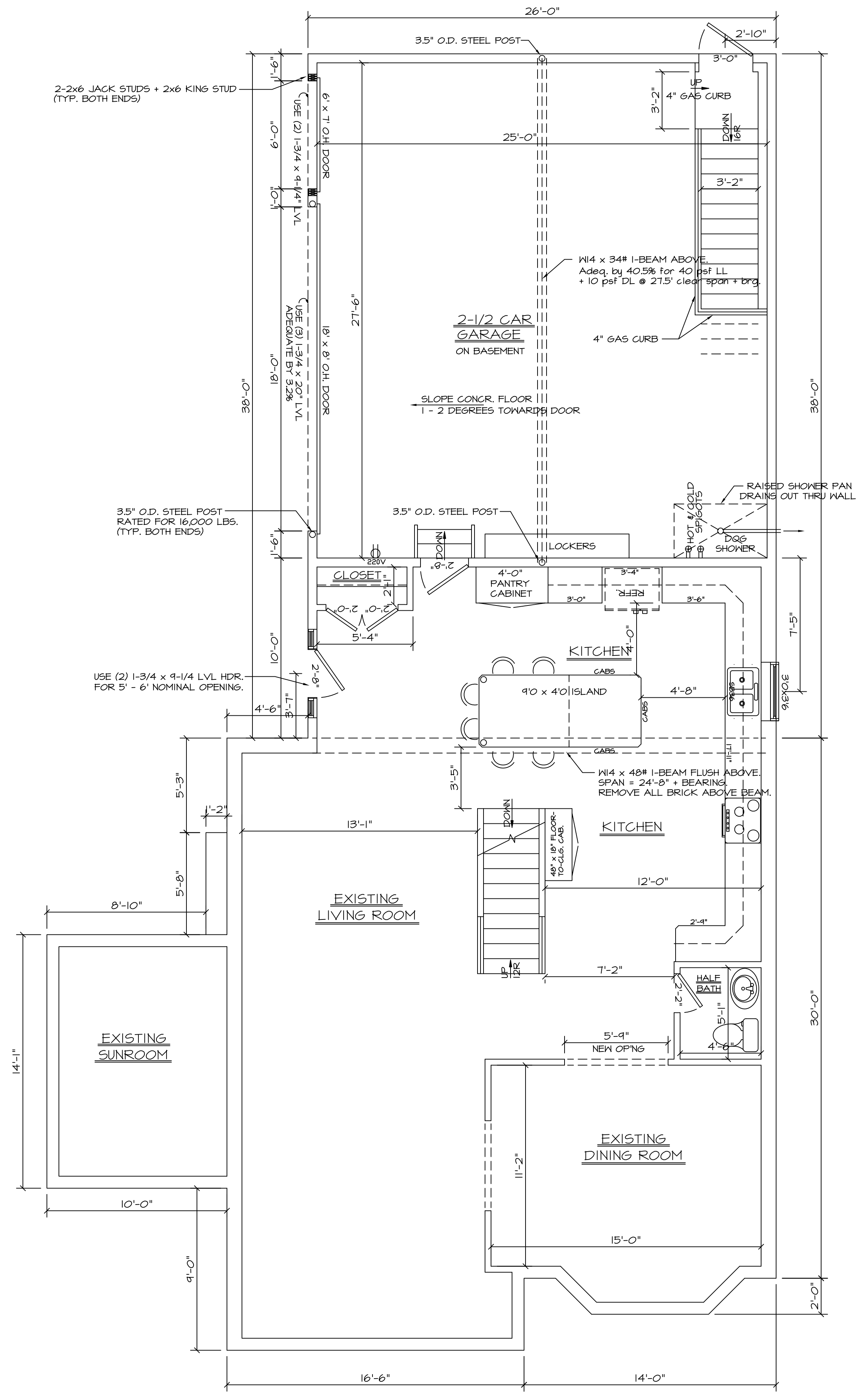
EXISTING FIRST FLOOR PLAN



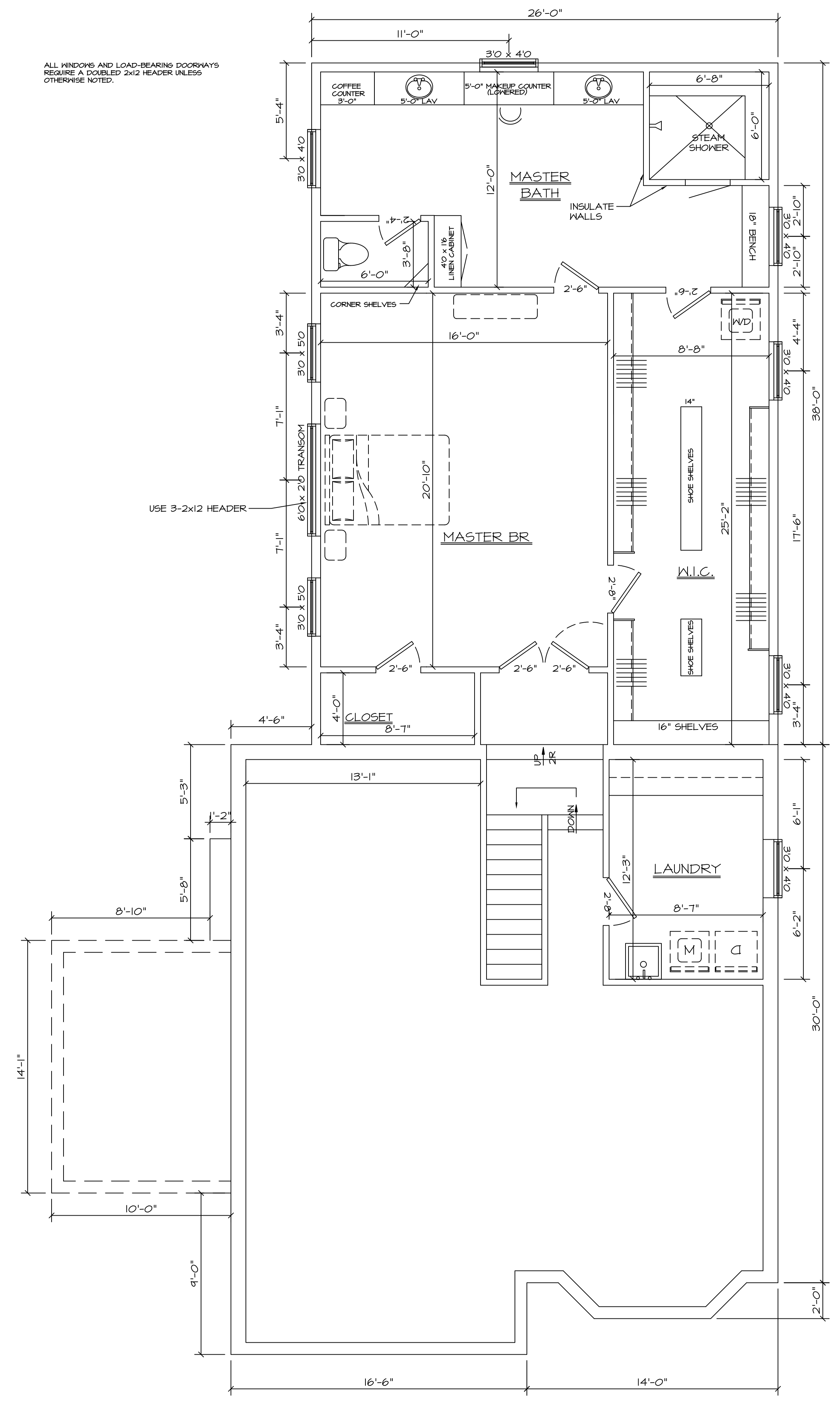
EXISTING SECOND FLOOR PLAN



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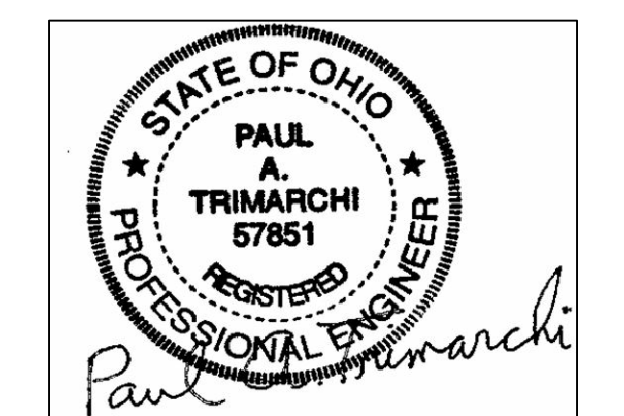


PROPOSED FIRST FLOOR PLAN



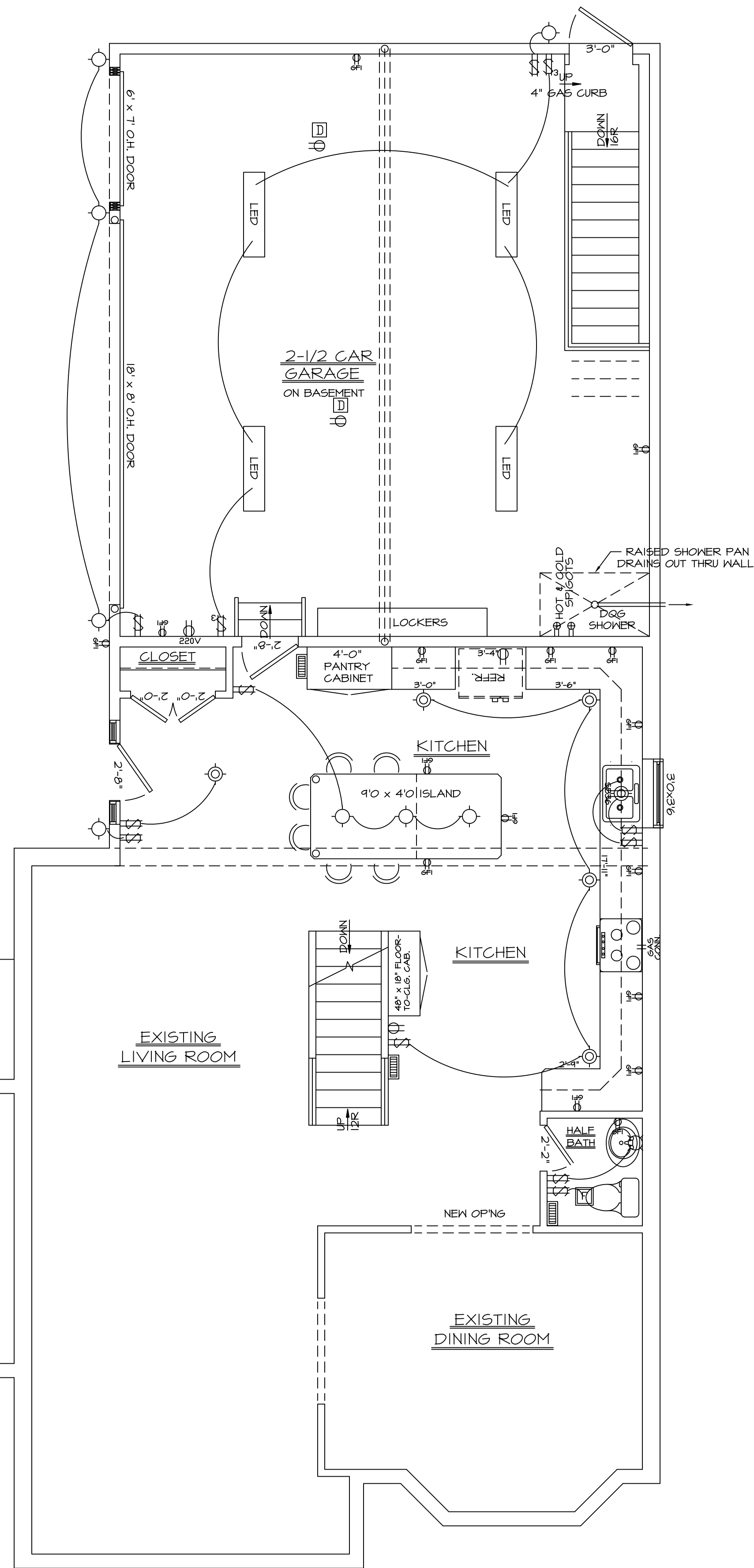
PROPOSED SECOND FLOOR PLAN

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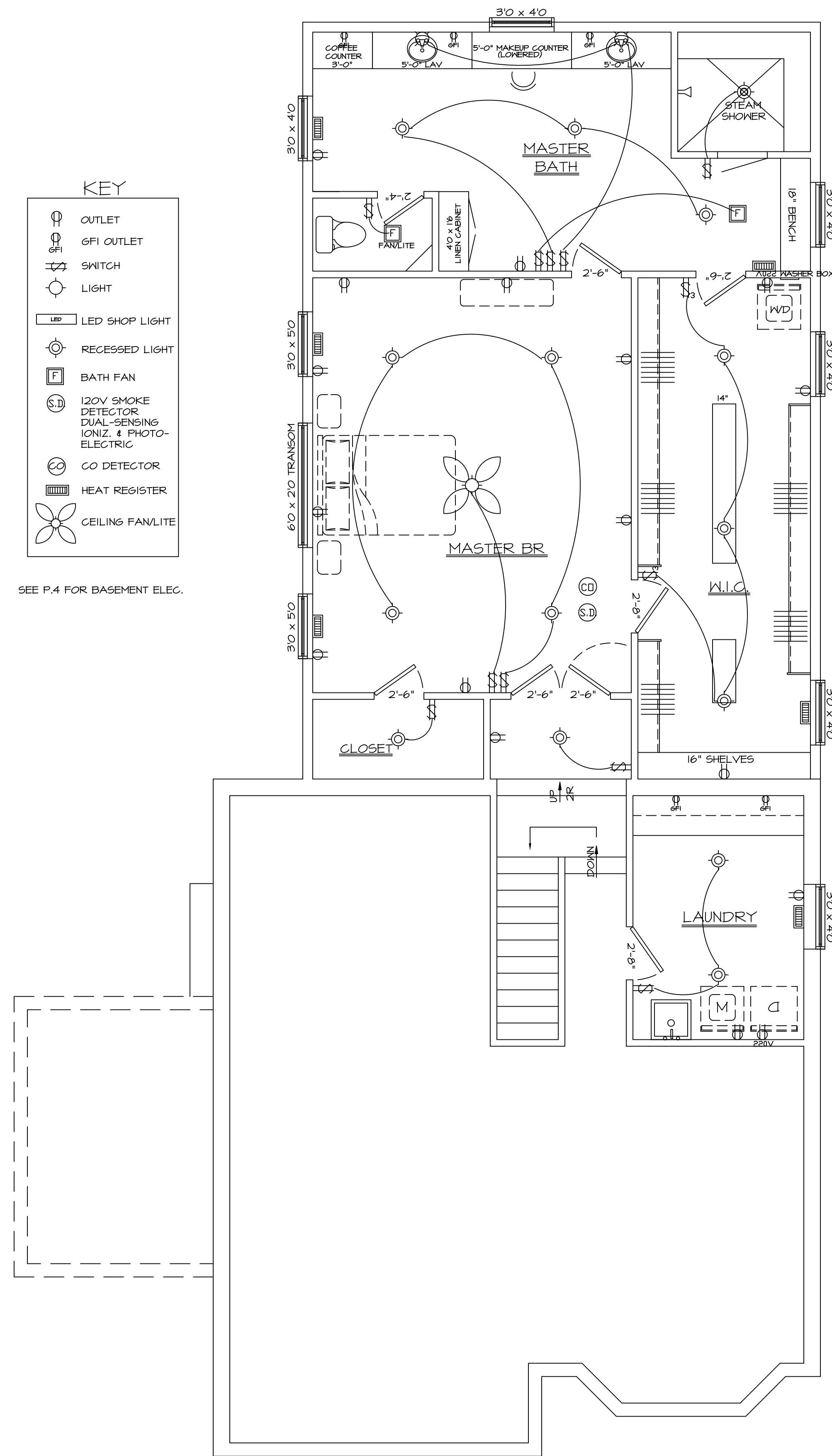
- KEY
- OUTLET
 - GFI OUTLET
 - SWITCH
 - LIGHT
 - LED SHOP LIGHT
 - RECESSED LIGHT
 - BATH FAN
 - 120V SMOKE DETECTOR DUAL-SENSING IONIZ. & PHOTO-ELECTRIC
 - CO DETECTOR
 - HEAT REGISTER
 - CEILING FAN/LITE



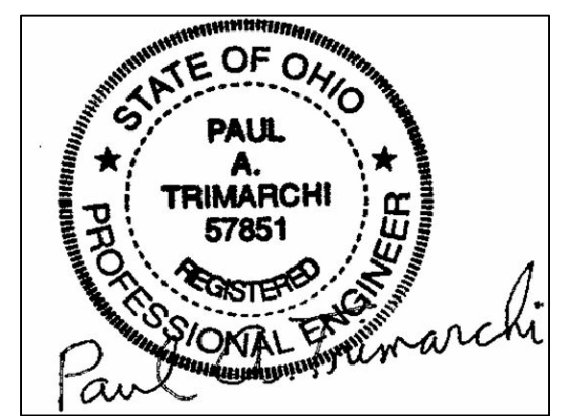
MECHANICAL &
ELECTRICAL SCHEMATIC
PROPOSED FIRST FLOOR PLAN

- KEY
- OUTLET
 - GFI OUTLET
 - SWITCH
 - LIGHT
 - LED SHOP LIGHT
 - RECESSED LIGHT
 - BATH FAN
 - 120V SMOKE DETECTOR DUAL-SENSING IONIZ. & PHOTO-ELECTRIC
 - CO DETECTOR
 - HEAT REGISTER
 - CEILING FAN/LITE

SEE P.4 FOR BASEMENT ELEC.



MECHANICAL &
ELECTRICAL SCHEMATIC
PROPOSED SECOND FLOOR PLAN



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MATT DAVIS ADDITION
20025 Frazier Dr, Rocky River
Page 7

SCALE: 1/4" = 1'-0"
0 2' 4' 6' 8' 10' 12' 14' 16'
Dwgs by: Paul A. Trimarchi, P.E. (440) 534-0754

DESIGN CRITERIA:

ROOF LIVE LOAD: 30 psf
 GROUND SNOW LOAD: 30 psf
 DESIGN ULTIMATE WIND SPEED: 115 mph
 WIND EXPOSURE CATEGORY: B
 SEISMIC DESIGN CATEGORY: B
 ICE BARRIER UNDERLAYMENT: REQ'D
 APPLY FLASHING PER R703.7

DESIGN CONDITIONS (per Res. Code of Ohio):

- 1) 40 psf Live Load (LL) + 10 psf Dead Load (DL) used for first floor joists, and also used for second floor bathrooms, halls, and multi-use rooms. 30 psf LL + 10 psf DL used for second floor sleeping room joists.
- 2) 25 psf LL (snow) + 10 psf DL used for roof rafters.
- 3) 20 psf LL + 10 psf DL used for ceiling joists.
- 4) 25 psf LL (snow) + 10 psf DL used for top chord of roof trusses, and 10 psf DL used for bottom chord. For attic trusses, bottom chord in livable area to be rated for 40 psf LL + 10 psf DL.
- 5) 50 psf LL + dead load suitable for the weight of 150 pcf concrete used as min. design criteria for the garage floor. Also, floor must support a 2000# point load at any location along the entire floor. Finally, surface of garage floor must be made of non-combustible and non-absorbent materials (such as concrete) for fire protection and rot protection. Concrete surface must be sealed or painted with a product to make it non-porous. The selected garage floor is rated for 70 psf LL and also meets or exceeds all other criteria.

ALL WINDOWS AND LOAD-BEARING DOORWAYS REQUIRE A DOUBLED 2x12 HEADER UNLESS OTHERWISE NOTED.

ALL LVL'S TO BE BOISE CASCADE, min. 3100 Fb, 2.0 E OR EQUIVALENT.

HOUSE HAS BEEN DESIGNED ACCORDING TO THE 2019 RESIDENTIAL CODE OF OHIO, WITH AMMENDMENTS.

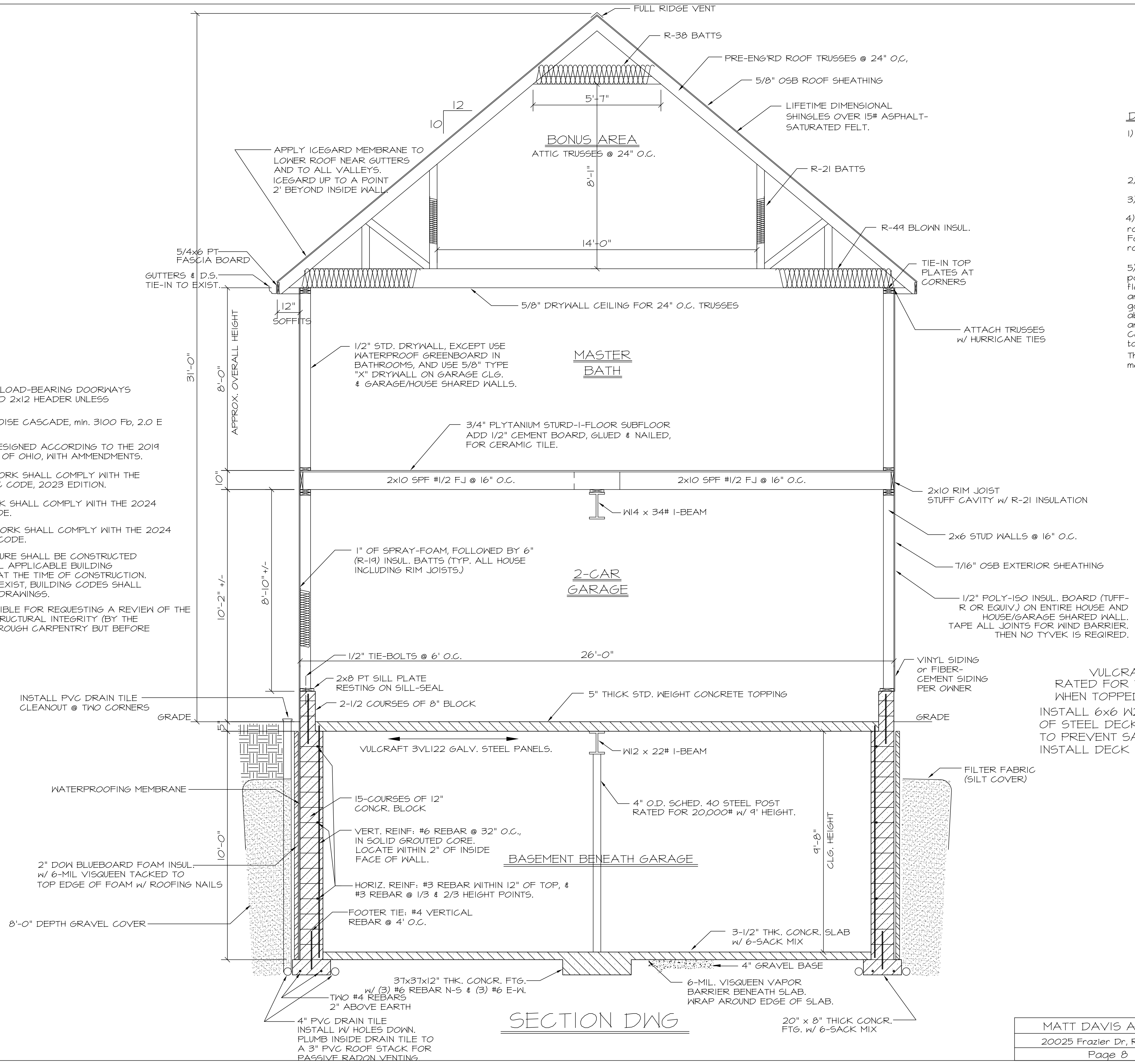
ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, 2023 EDITION.

ALL PLUMBING WORK SHALL COMPLY WITH THE 2024 OHIO PLUMBING CODE.

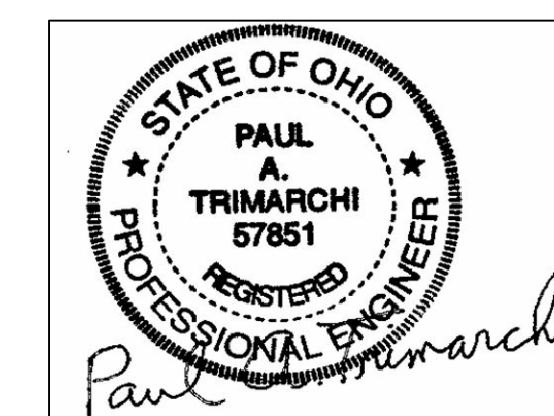
ALL MECHANICAL WORK SHALL COMPLY WITH THE 2024 OHIO MECHANICAL CODE.

HOUSE AND STRUCTURE SHALL BE CONSTRUCTED ACCORDING TO ALL APPLICABLE BUILDING CODES IN EFFECT AT THE TIME OF CONSTRUCTION. WHERE CONFLICTS EXIST, BUILDING CODES SHALL SUPERSEDE THESE DRAWINGS.

OWNER IS RESPONSIBLE FOR REQUESTING A REVIEW OF THE STRUCTURE FOR STRUCTURAL INTEGRITY (BY THE DESIGNER) AFTER ROUGH CARPENTRY BUT BEFORE DRYWALL.



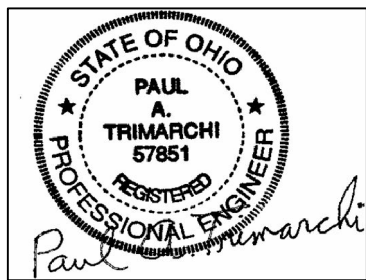
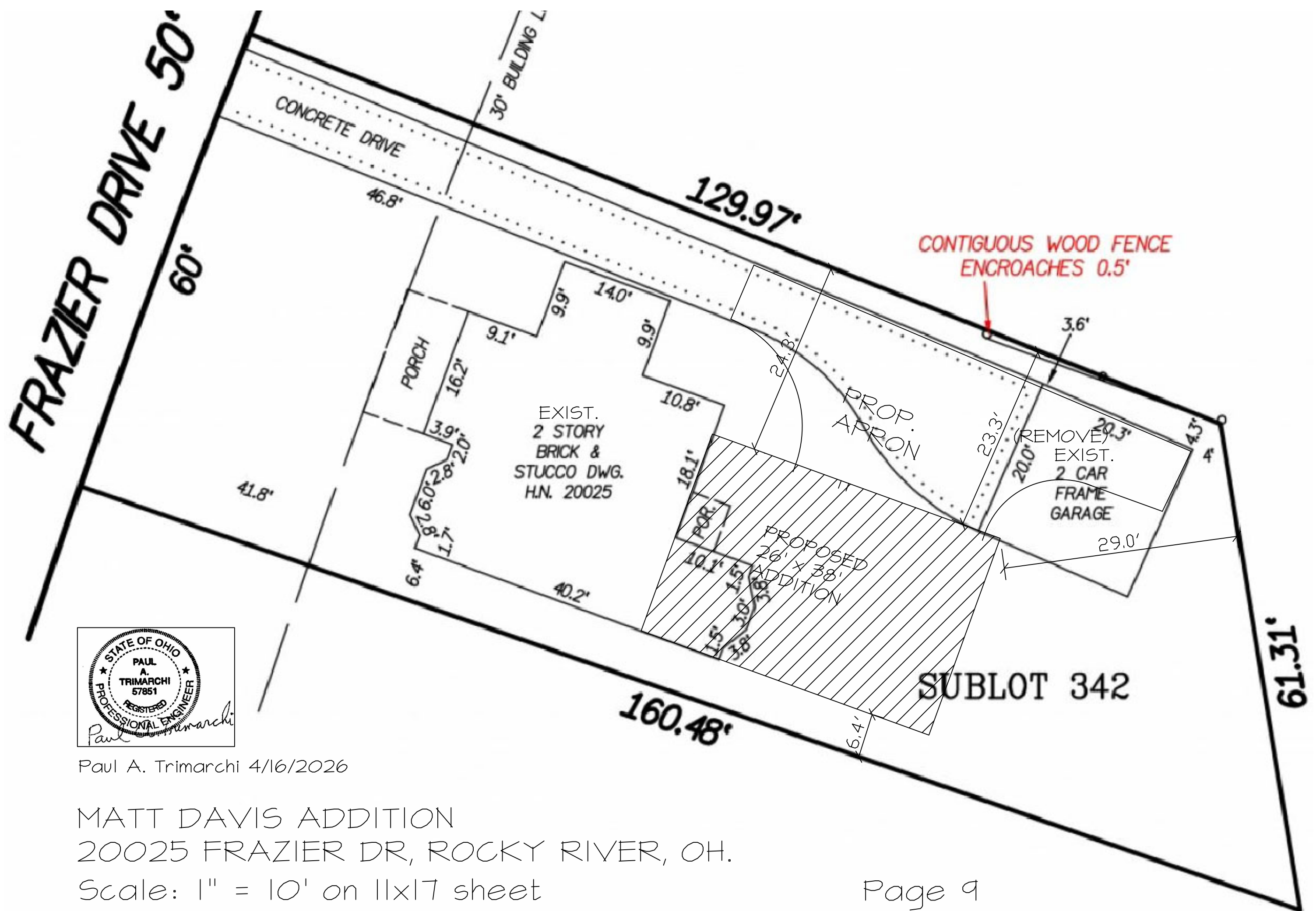
VULCRAFT 3VLI22 GALV. STEEL PANELS. RATED FOR 70 psf LIVE LOAD FOR 12' CLEAR SPAN WHEN TOPPED WITH 5" THICK STD. WEIGHT CONCRETE. INSTALL 6x6 W2.0x2.0 W.W.M. LOCATED 1/2" ABOVE TOP OF STEEL DECK. CONCRETE SURFACE MUST BE SEALED TO PREVENT SALT FROM MIGRATING TO STEEL DECK. INSTALL DECK PER MFGR'S INSTRUCTIONS.



Paul A. Trimarchi 4/16/2026

SECTION DWG

MATT DAVIS ADDITION	SCALE: 1/4" = 1'-0"
20025 Frazier Dr., Rocky River	0 1' 2' 4' 6' 8'
Page 8	Dwgs by: Paul A. Trimarchi, P.E. (440) 539-0754



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MATT DAVIS ADDITION
 20025 FRAZIER DR, ROCKY RIVER, OH.

Scale: 1" = 10' on 11x17 sheet