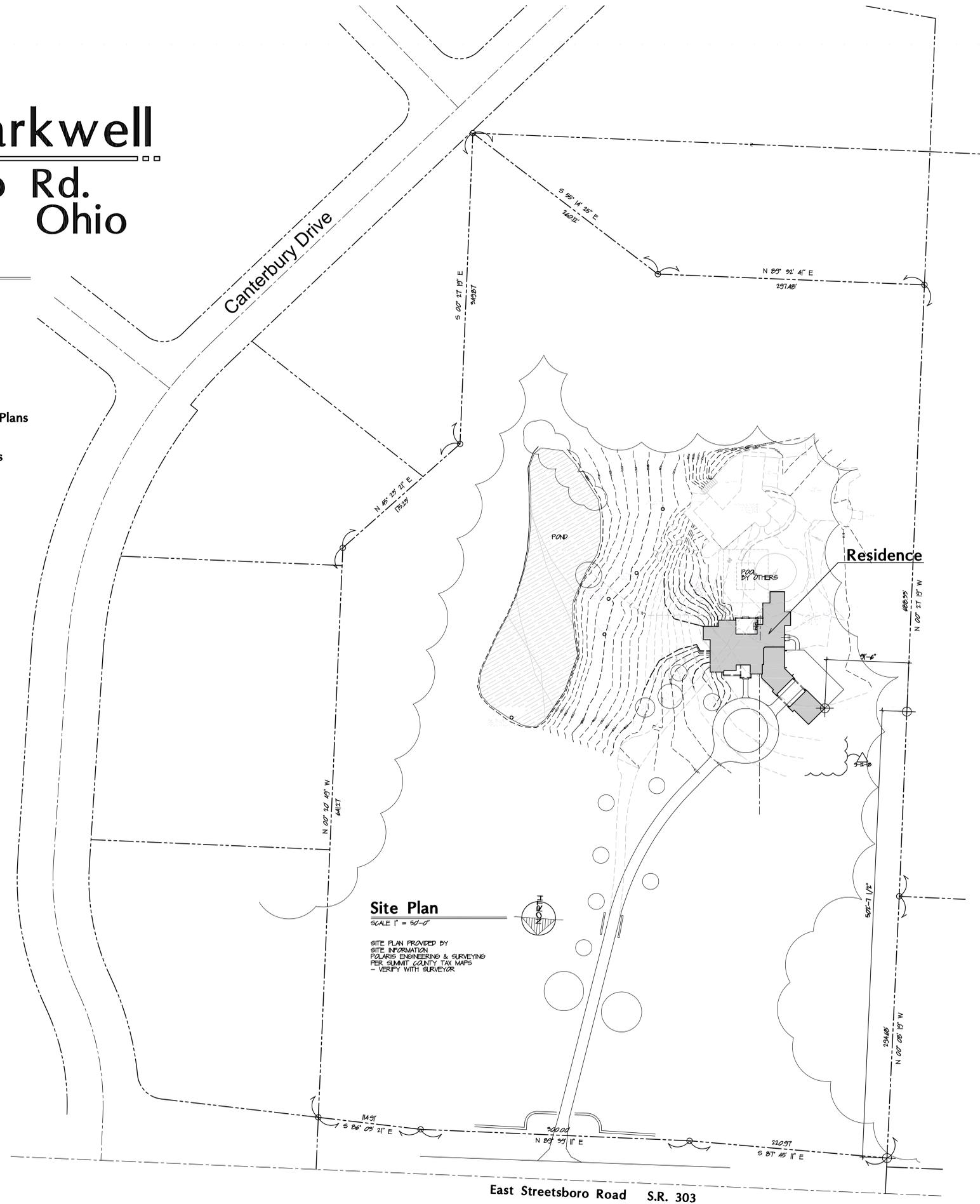


Residence for Zack & Casie Markwell

2222 E. Streetsboro Rd.
Hudson Ohio

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- A-3 Elevations
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Residence for
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Hudson Ohio

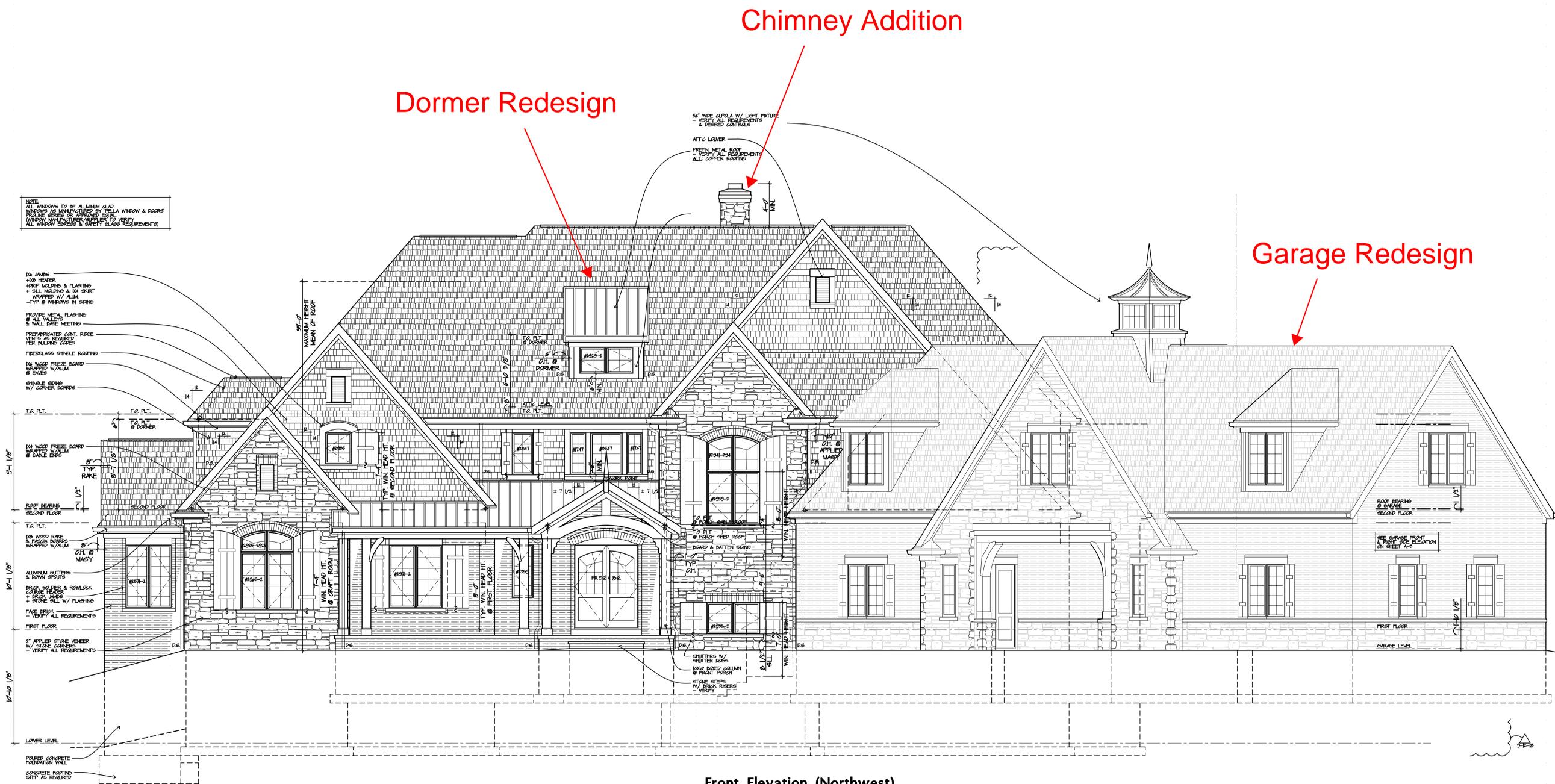


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Hudson, OH 44130
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Title Sheet
& Site Plan

A-1
Sheet Number
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Checked By:



Front Elevation (Northwest)
SCALE 1/4" = 1'-0"

Dormer Redesign

Chimney Addition

Garage Redesign



DATE	REVISION
12-15-16	Review
1-16-17	Permit
10-10-17	Revision
1-25-18	Revision
3-19-18	Review
4-25-18	Rev'd
5-12-18	Rev'd

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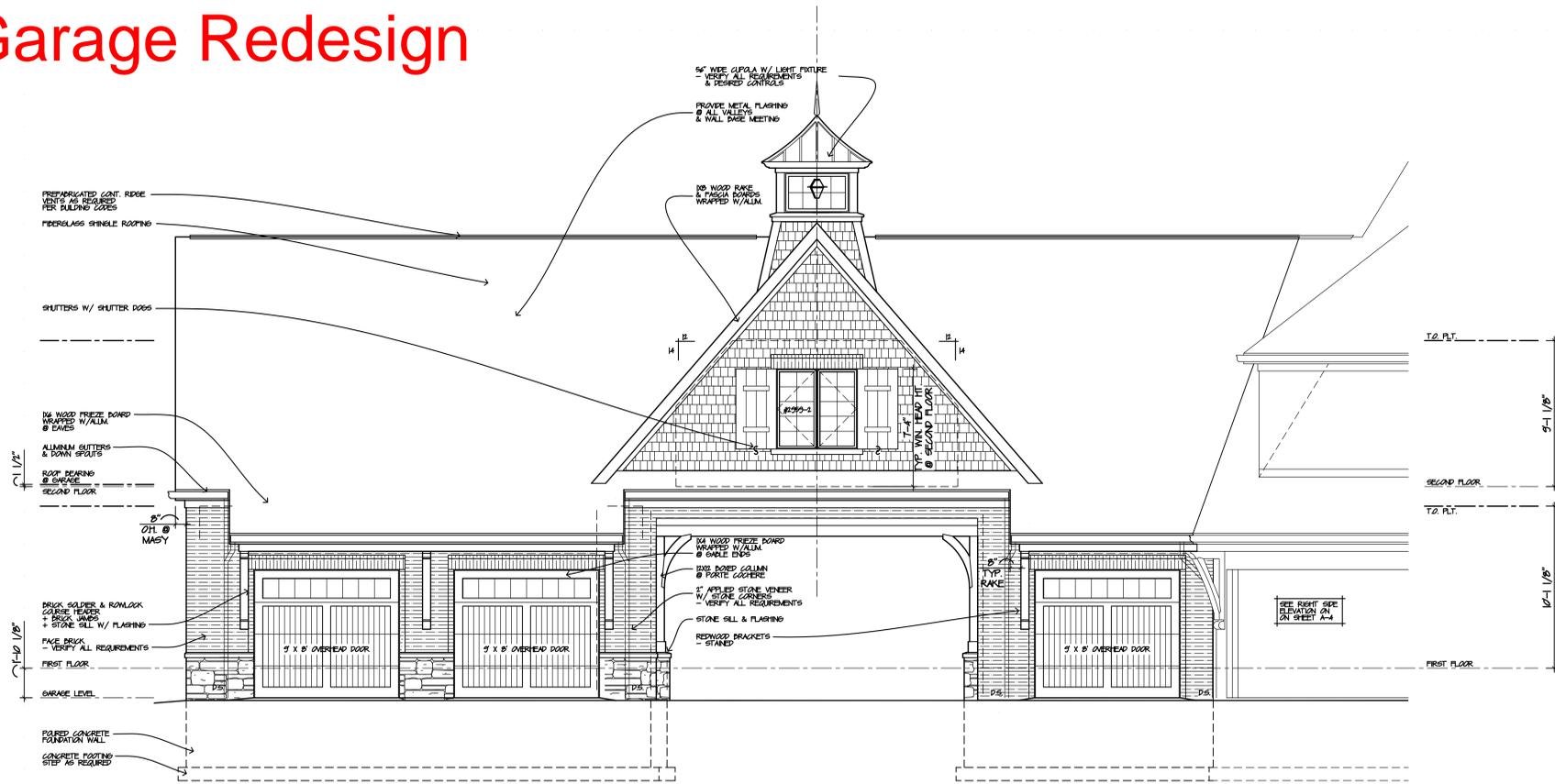
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Elevation

A-2
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Checked By: TJL

Garage Redesign

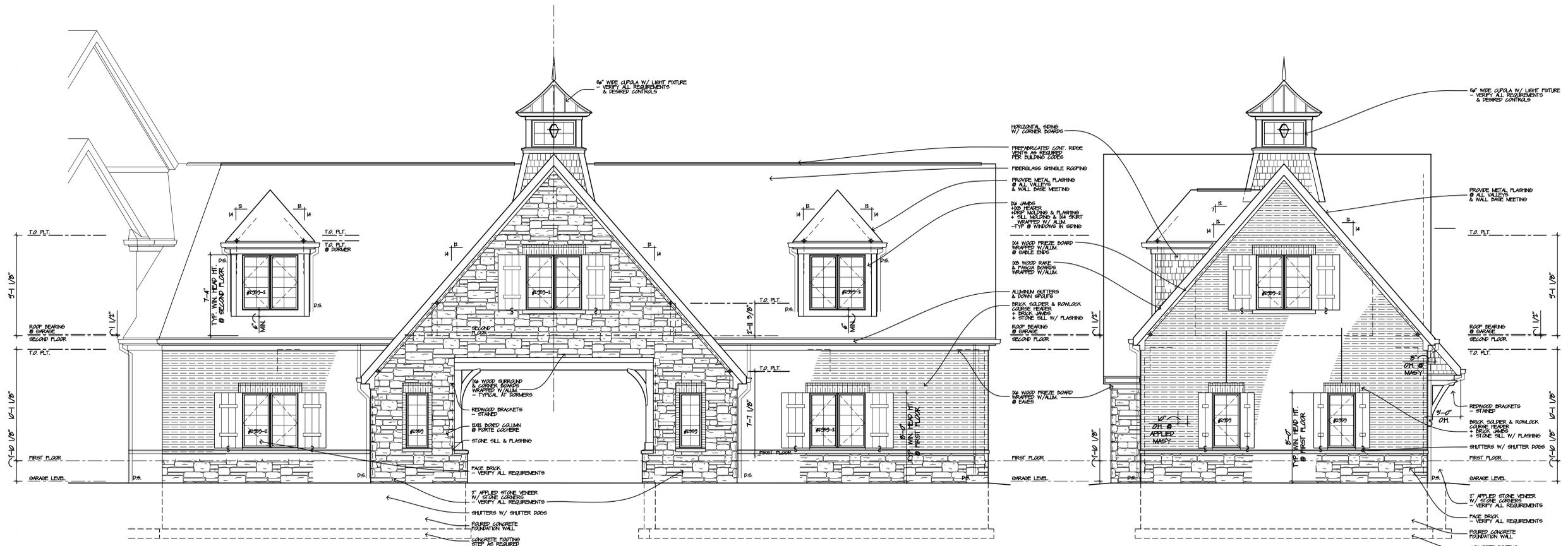


Garage Rear Elevation (South)

SCALE 1/4" = 1'-0"

Front Porch Bracket Detail

SCALE 1/2" = 1'-0"



Garage Front Elevation (North)

SCALE 1/4" = 1'-0"

Garage Right Side Elevation (West)

SCALE 1/4" = 1'-0"



DATE	REVISION
12-15-16	Review
1-16-17	Permit
10-10-17	Revision
1-15-18	Revision
3-15-18	Review
4-25-18	Revise/rev
5-17-18	Revise/rev

**Residence for
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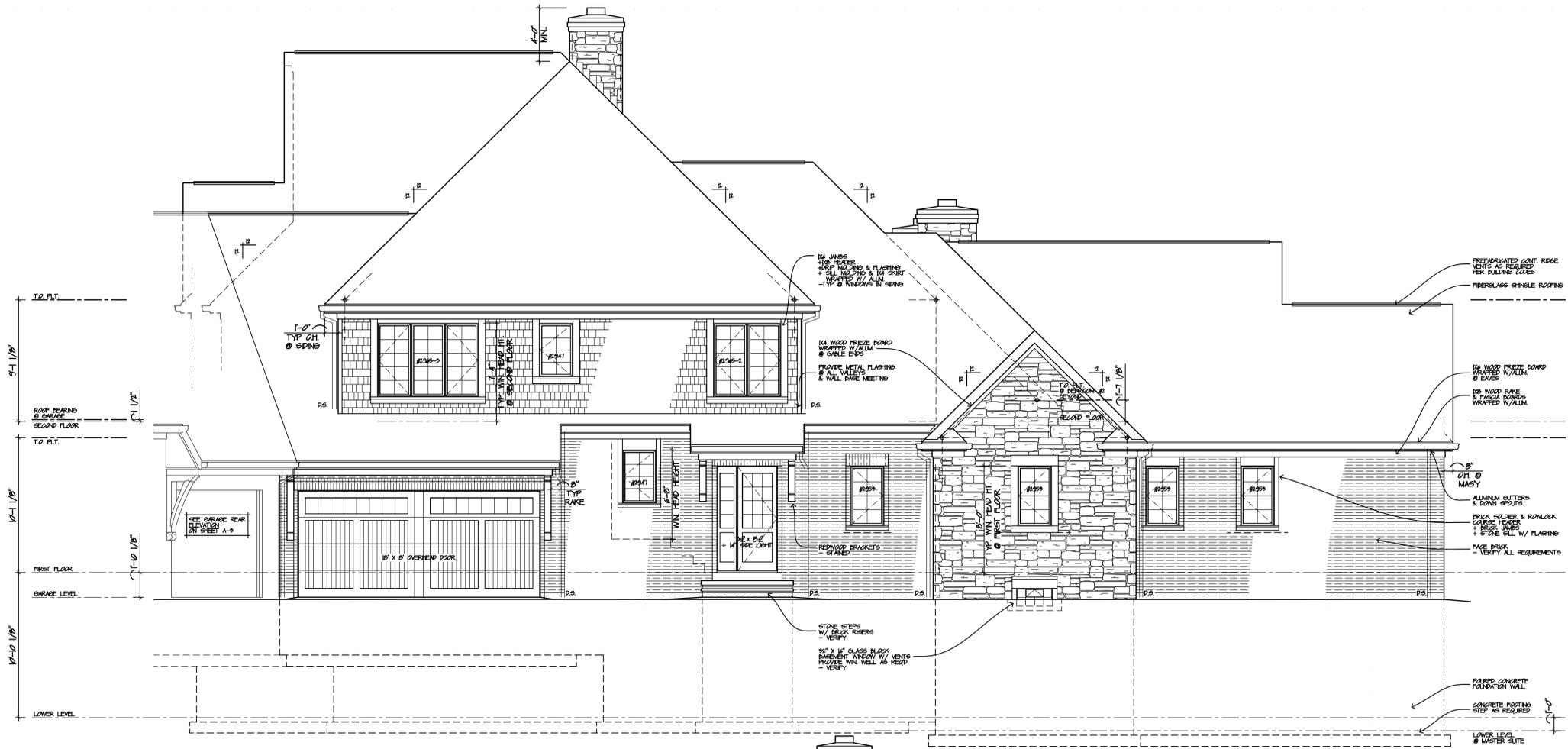


Elevations

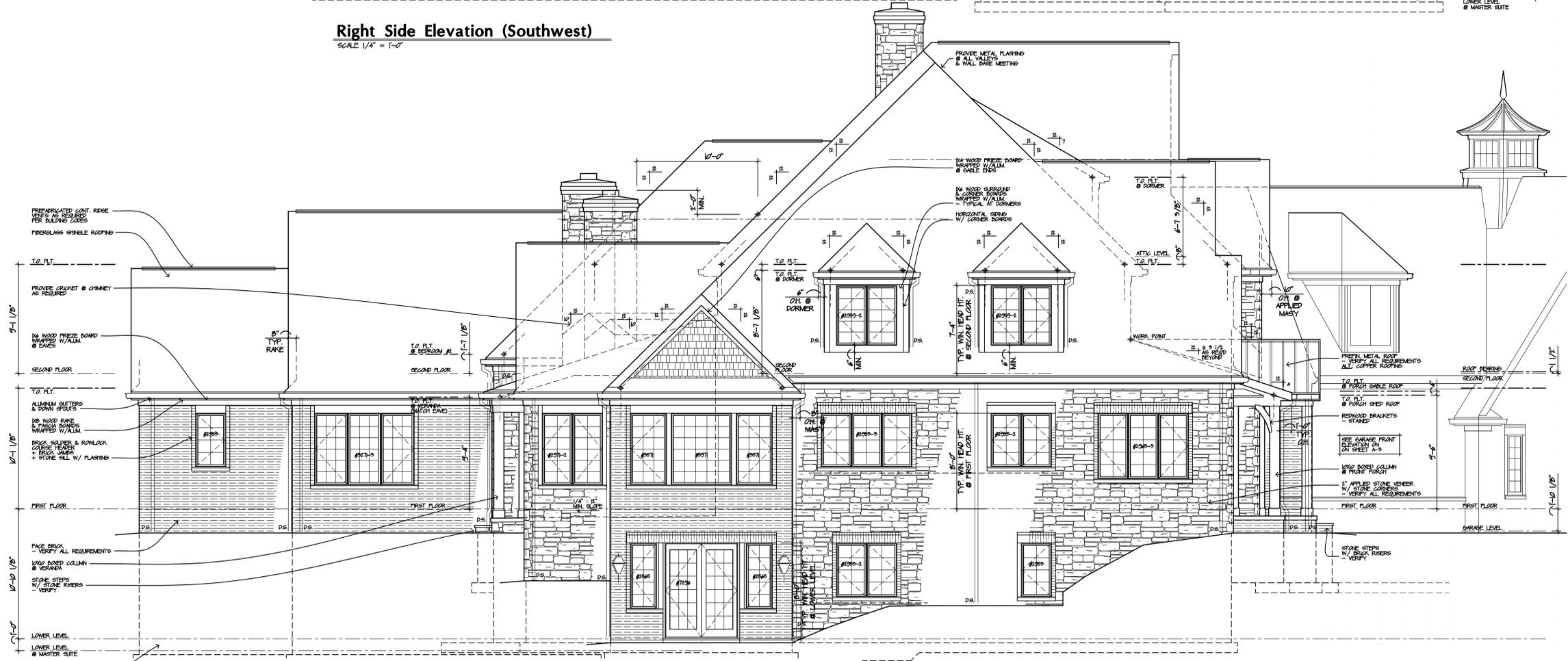
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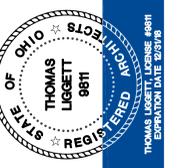
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Right Side Elevation (Southwest)
SCALE 1/4" = 1'-0"



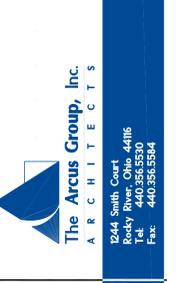
Right Side Elevation (Northeast)
SCALE 1/4" = 1'-0"



DATE	DESCRIPTION
12-15-16	Review
1-16-17	Permit
10-10-17	Revision
1-25-18	Revision
3-10-18	Revision
5-12-18	Revision

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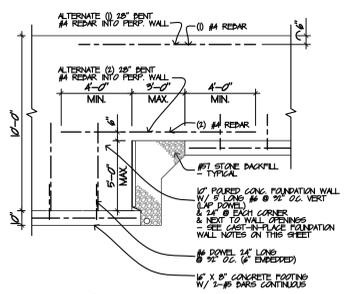
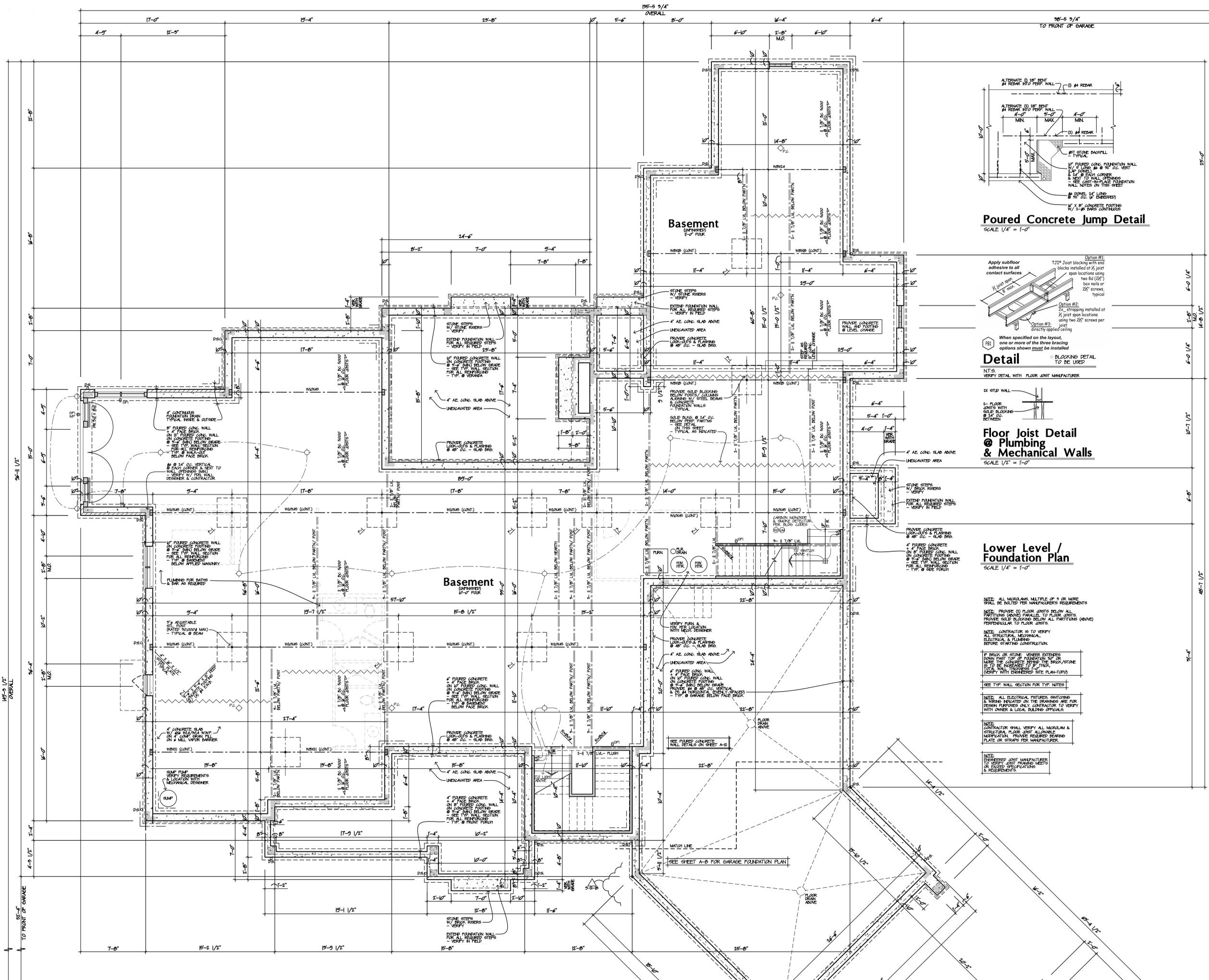
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Fax: 440.356.5344

Elevations

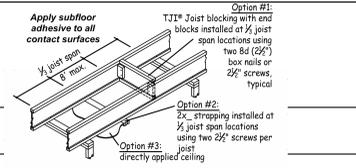
A-4

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Poured Concrete Jump Detail
SCALE 1/4" = 1'-0"



Floor Joist Detail @ Plumbing & Mechanical Walls
SCALE 1/2" = 1'-0"



Detail
BLOCKING DETAIL TO BE USED
SCALE 1/2" = 1'-0"

Lower Level / Foundation Plan
SCALE 1/4" = 1'-0"

- NOTE: ALL DIMENSIONS MULTIPLE OF 3 OR MORE SHALL BE ROUNDED UP TO NEAREST WHOLE NUMBER.
- NOTE: PROVIDE (1) FLOOR JOIST BELOW ALL PARTITIONS (ABOVE) PARALLEL TO FLOOR JOISTS. PROVIDE SOLID BEAMS BELOW ALL PARTITIONS (ABOVE) PERPENDICULAR TO FLOOR JOISTS.
- NOTE: CONTRACTOR IS TO VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING BEFORE STARTING CONSTRUCTION.
- IF BRICK OR STONE VENEER EXTENDS DOWN PART TO OR FOUNDATION, MAKE SURE THE CONCRETE FROM THE BRICK/STONE (TYP. WALL) IS PROTECTED BY TYP. BRICK.
- SEE TYP. WALL SECTION FOR TYP. NOTES.
- NOTE: ALL ELECTRICAL FIXTURES, SWITCHING & WIRING LOCATED ON THE DRAWINGS ARE FOR DESIGN PURPOSES ONLY. CONTRACTOR TO VERIFY WITH OWNER & LOCAL PERMITS OFFICIALS.
- NOTE: CONTRACTOR SHALL VERIFY ALL MISC. & STRUCTURAL FLOOR JOIST ALLOWED MODIFICATION. PROVIDE REQUIRED BEARING PLATE OR STRIPS PER MANUFACTURER.
- NOTE: ENGINEER JOIST MANUFACTURER TO VERIFY JOIST MANUFACTURER'S OR EXCEED SPECIFICATIONS & REQUIREMENTS.



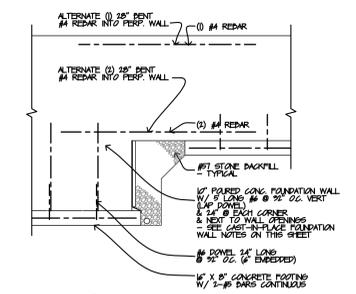
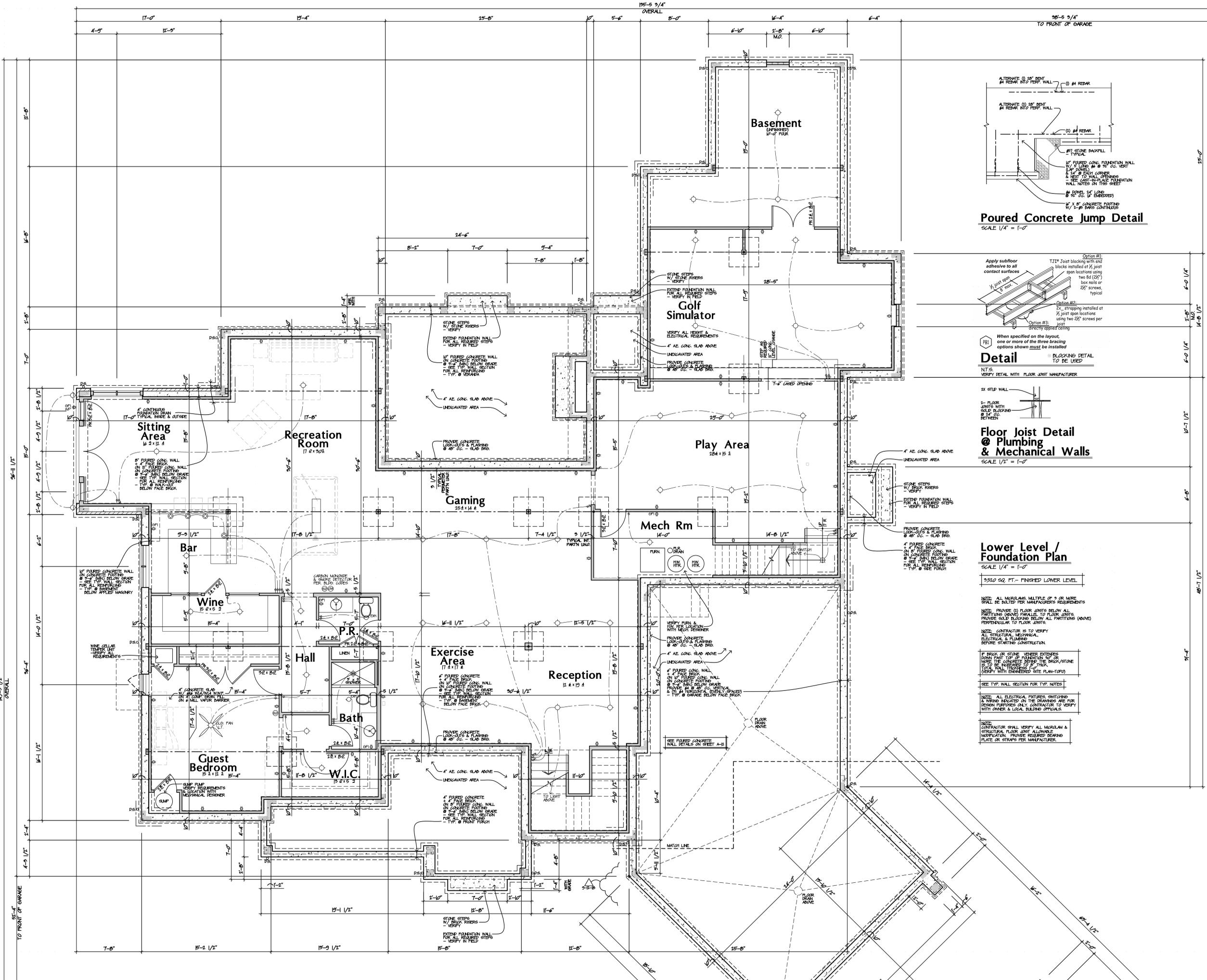
DATE	REVISION
11-16-16	Review
12-09-16	Review
1-16-17	Permit
10-10-17	Revision
1-16-18	Revisions
3-15-18	Review
3-12-18	Revisions

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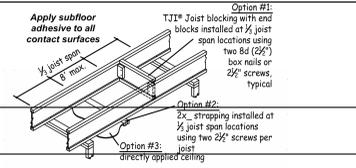


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ARCHITECTS
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Hudson, OH 44131
Tel: 440.356.5330
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Lower Level / Foundation Plan
A-6
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Poured Concrete Jump Detail
SCALE 1/4" = 1'-0"



Floor Joist Detail @ Plumbing & Mechanical Walls
SCALE 1/2" = 1'-0"

Lower Level / Foundation Plan
SCALE 1/4" = 1'-0"

- 5910 SQ. FT. FINISHED LOWER LEVEL.
- NOTE: ALL DIMENSIONS MULTIPLE OF 5 OR MORE SHALL BE ROUNDED UP TO NEAREST 5.
- NOTE: PROVIDE (1) FLOOR JOISTS BELOW ALL PARTITIONS (ABOVE) PARALLEL TO FLOOR JOISTS. PROVIDE SOLID BEAMS BELOW ALL PARTITIONS (ABOVE) PERPENDICULAR TO FLOOR JOISTS.
- NOTE: CONTRACTOR IS TO VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING BEFORE STARTING CONSTRUCTION.
- IF BRICK OR STONE VENEER EXTENDS DOWN PART TO ON FOUNDATION, MAKE SURE THE CONCRETE IS AT LEAST 1\"/>



11-16-16	Review
12-03-16	Review
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10-10-17	Revision
1-16-18	Revisions
3-15-18	Review
5-17-18	Revisions

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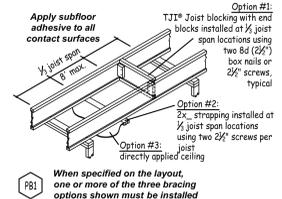
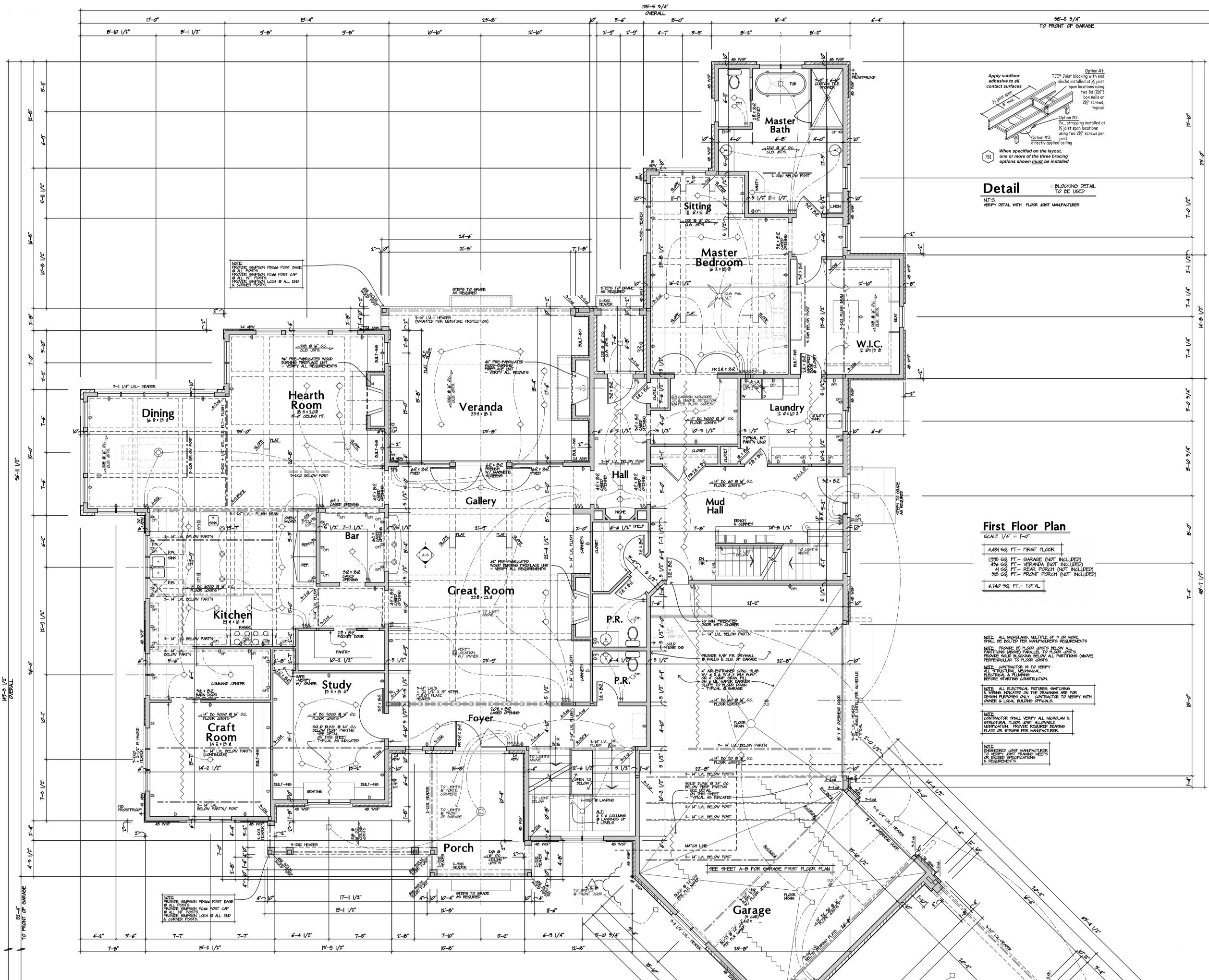


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Finished Lower Level Plan

A-6a

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First Floor Plan
SCALE 1/4" = 1'-0"

4,181 SQ. FT. - FIRST FLOOR
1,935 SQ. FT. - GARAGE (NOT INCLUDED)
456 SQ. FT. - VERANDA (NOT INCLUDED)
41 SQ. FT. - REAR PORCH (NOT INCLUDED)
388 SQ. FT. - FRONT PORCH (NOT INCLUDED)
6,140 SQ. FT. - TOTAL

NOTE: ALL MEASUREMENTS MULTIPLE OF 3 OR MORE SHALL BE ROUNDED PER MANUFACTURER'S REQUIREMENTS.

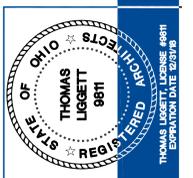
NOTE: PROVIDE (2) FLOOR JOISTS BELOW ALL PARTITIONS (ABOVE) PARALLEL TO FLOOR JOISTS. PROVIDE (2) FLOOR JOISTS BELOW ALL PARTITIONS (ABOVE) PERPENDICULAR TO FLOOR JOISTS.

NOTE: CONTRACTOR IS TO VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING BEFORE STARTING CONSTRUCTION.

NOTE: ALL ELECTRICAL FIXTURES, SWITCHING & WIRING LOCATED ON THE DRAWINGS ARE FOR DESIGN PURPOSES ONLY. CONTRACTOR TO VERIFY WITH OWNER & LOCAL PLUMBING OFFICIALS.

NOTE: CONTRACTOR SHALL VERIFY ALL MECHANICAL & STRUCTURAL FLOOR JOIST ALLOWABLE NOTIFICATION. PROVIDE REQUIRED BEAMS, PLATE OR STRAPS PER MANUFACTURER.

NOTE: ENGINEERED JOIST MANUFACTURER TO VERIFY JOIST SPACING, HEIGHTS OR EXCEED SPECIFICATIONS & REQUIREMENTS.



11-16-16	Review
12-03-16	Review
1-16-17	Permit
10-02-17	Revision
1-15-18	Revisions
3-15-18	Revised
4-26-18	Revised
9-12-18	Revisions

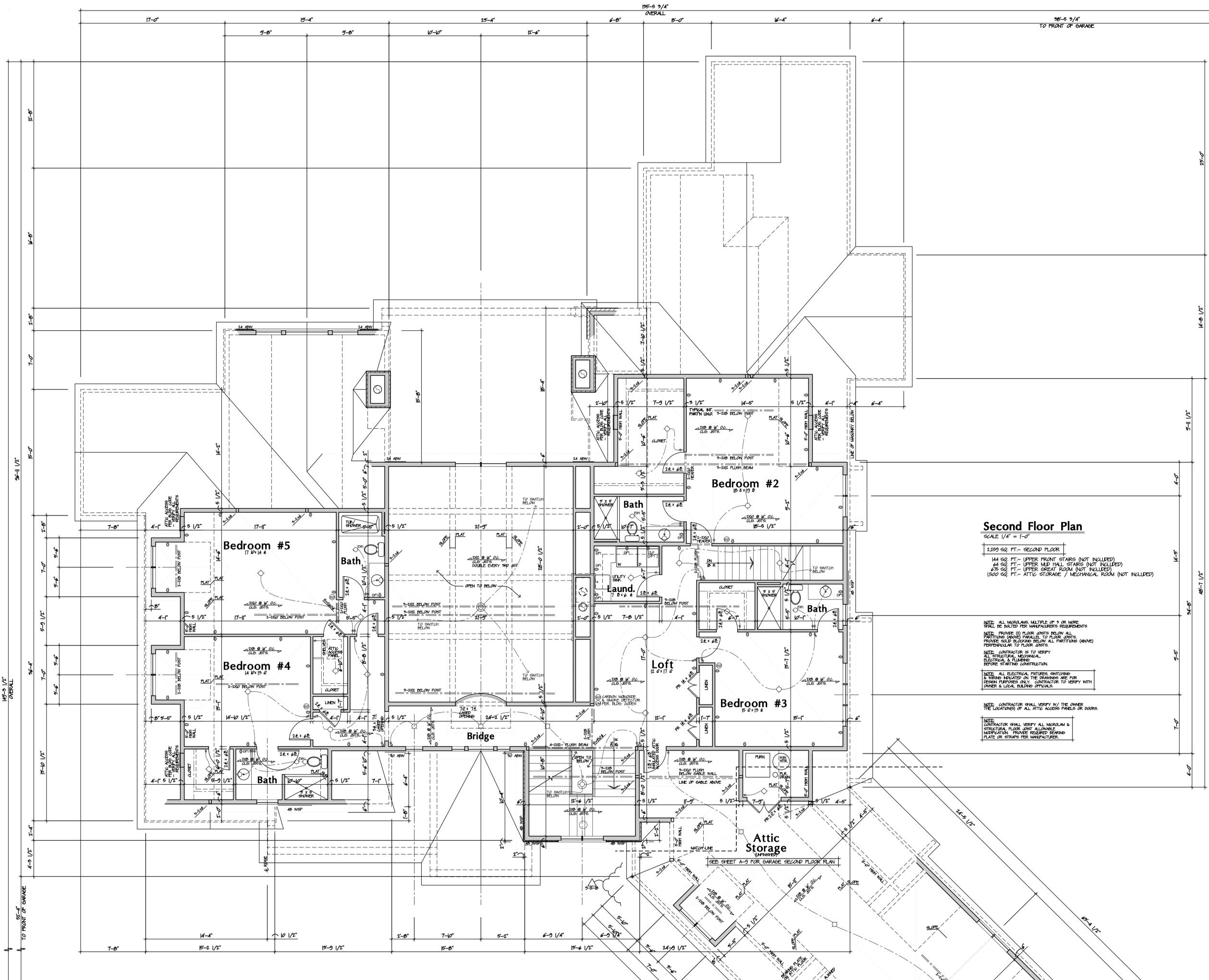
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First Floor Plan
A-7
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Checked By: T.J.L.



Second Floor Plan

SCALE 1/4" = 1'-0"
 2,259 SQ. FT. - SECOND FLOOR
 144 SQ. FT. - UPPER FRONT STAIRS (NOT INCLUDED)
 64 SQ. FT. - UPPER MID HALL STAIRS (NOT INCLUDED)
 675 SQ. FT. - UPPER GREAT ROOM (NOT INCLUDED)
 1,500 SQ. FT. - ATTIC STORAGE / MECHANICAL ROOM (NOT INCLUDED)

NOTE: ALL MEGRAMS MULTIPLE OF 3 OR MORE SHALL BE BOLTED PER MANUFACTURER'S REQUIREMENTS
 NOTE: PROVIDE (3) FLOOR JOISTS BELOW ALL PARTITIONS (ABOVE) PARALLEL TO FLOOR JOISTS. PROVIDE S&S BLANKS BELOW ALL PARTITIONS (ABOVE) PERPENDICULAR TO FLOOR JOISTS.
 NOTE: CONTRACTOR IS TO VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING BEFORE STARTING CONSTRUCTION.
 NOTE: ALL ELECTRICAL FIXTURES, SWITCHING & WIRING RELATED ON THE DRAWINGS ARE FOR DESIGN PURPOSES ONLY. CONTRACTOR TO VERIFY WITH OWNER & LOCAL PLUMBING OFFICIALS.

NOTE: CONTRACTOR SHALL VERIFY W/ THE OWNER THE LOCATION OF ALL ATTIC ACCESS PANELS OR DOORS.
 NOTE: CONTRACTOR SHALL VERIFY ALL MEGRAM & STRUCTURAL FLOOR JOIST ALLOWABLE NOTIFICATION TRACE REQUIRED BEHINDS PLATE OR STRAPS PER MANUFACTURER.



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**Residence for
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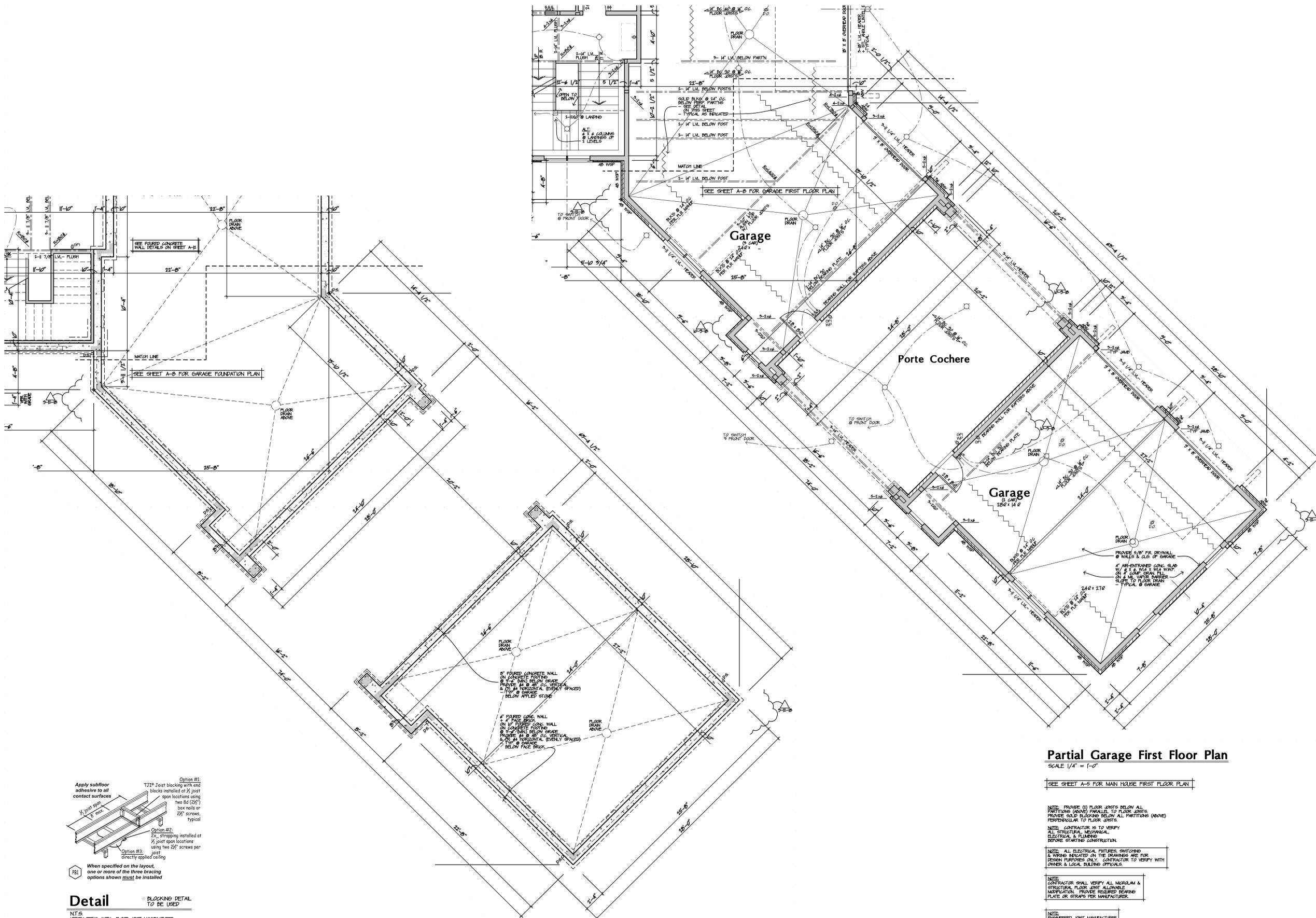
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 ARCHITECTS
 1244 Smith Court, #416
 Columbus, OH 43260
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Second Floor Plan

A-8

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Partial Garage Lower Level / Foundation Plan
SCALE 1/4" = 1'-0"

SEE SHEET A-4 FOR MAIN HOUSE FOUNDATION PLAN

Partial Garage First Floor Plan
SCALE 1/4" = 1'-0"

SEE SHEET A-5 FOR MAIN HOUSE FIRST FLOOR PLAN

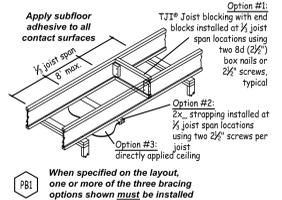
NOTE: PROVIDE (2) FLOOR JOISTS BELOW ALL PARTITIONS (WALLS) PARALLEL TO FLOOR JOISTS. PROVIDE SOLID BLOCKING BELOW ALL PARTITIONS (WALLS) PERPENDICULAR TO FLOOR JOISTS.

NOTE: CONTRACTOR IS TO VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING BEFORE STARTING CONSTRUCTION.

NOTE: ALL ELECTRICAL FIXTURES, SWITCHING & WIRING INDICATED ON THE DRAWINGS ARE FOR DESIGN PURPOSES ONLY. CONTRACTOR TO VERIFY WITH OWNER & LOCAL BUILDING OFFICIALS.

NOTE: CONTRACTOR SHALL VERIFY ALL MORGAN & STRUTLING FLOOR JOIST ALLOWABLE MODIFICATION. PROVIDE REQUIRED BEARING PLATE OR STRIPS PER MANUFACTURER.

NOTE: ENGINEER JOIST MANUFACTURER TO VERIFY JOIST BEARING MEETS OR EXCEEDS SPECIFICATIONS & REQUIREMENTS.

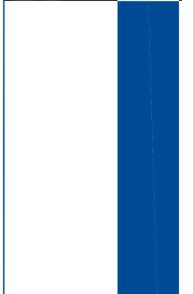


Detail BLOCKING DETAIL TO BE USED
NTS
VERIFY DETAIL WITH FLOOR JOIST MANUFACTURER



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5-17-18	Revision
10-3-18	Revision

Ohio
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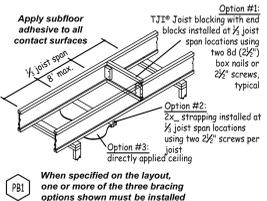
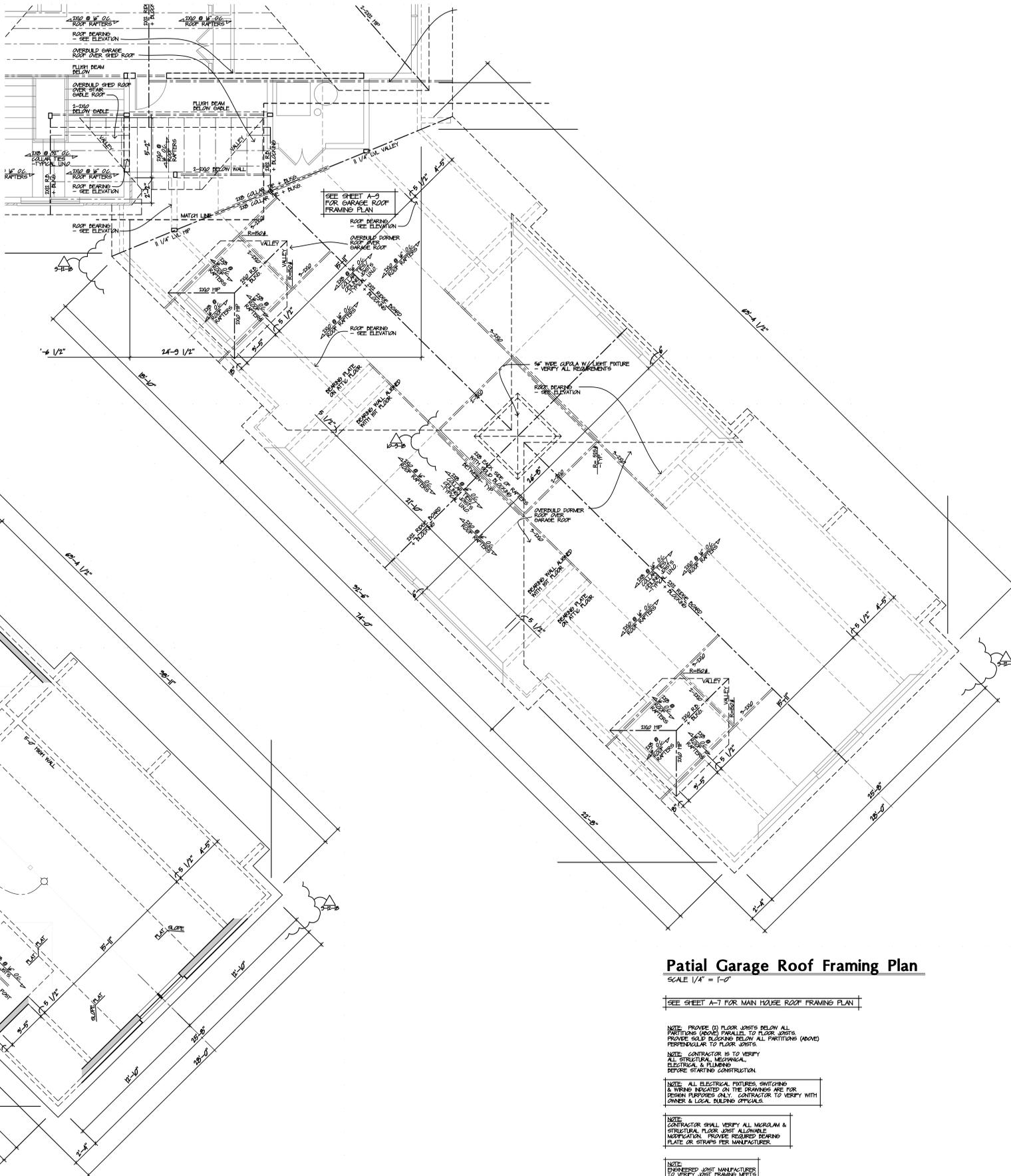
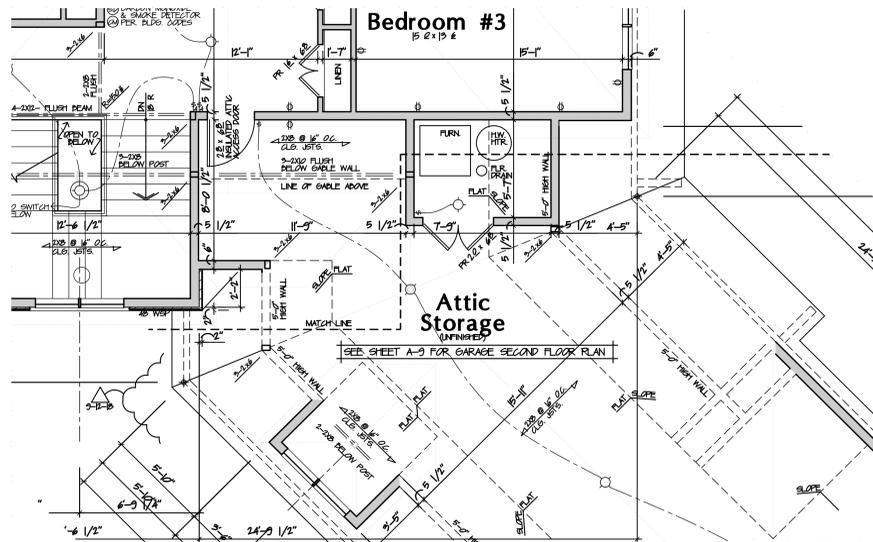


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Partial Garage Foundation & First Floor Plans

A-9
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Checked By: T.J.L.



Patial Garage Second Floor Plan
SCALE 1/4" = 1'-0"

SEE SHEET A-6 FOR MAIN HOUSE SECOND FLOOR PLAN

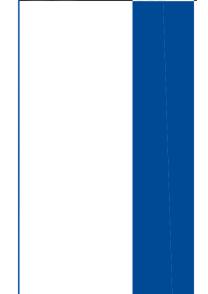
Patial Garage Roof Framing Plan
SCALE 1/4" = 1'-0"

SEE SHEET A-7 FOR MAIN HOUSE ROOF FRAMING PLAN



ISSUE:	DATE:	BY:
11-16-16	Review	
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10-3-18	Revision	

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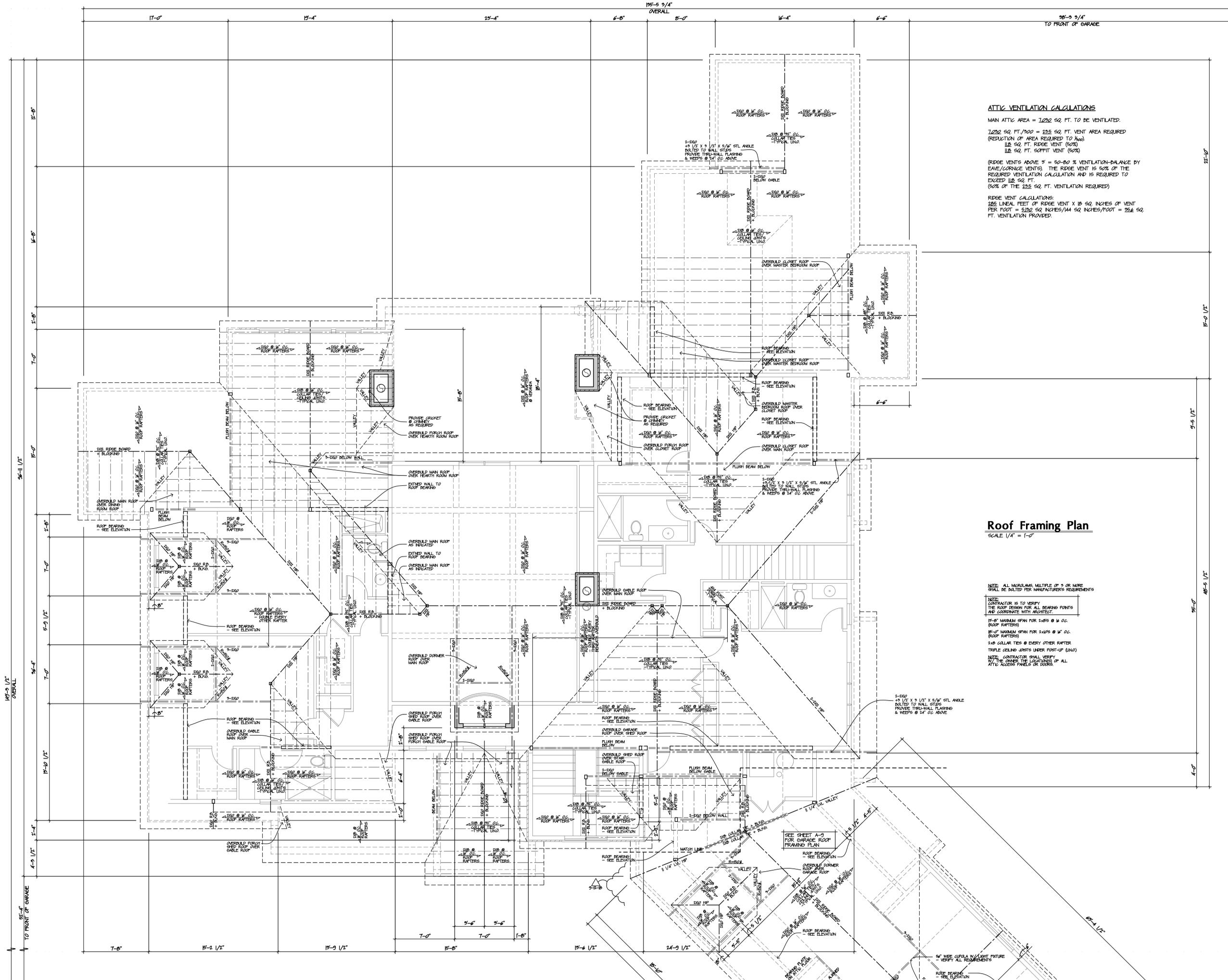


Partial Garage Second Floor & Roof Framing Plans

A-10

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Checked By: TUL



ATTIC VENTILATION CALCULATIONS

MAIN ATTIC AREA = 1,222 SQ. FT. TO BE VENTILATED.

1,222 SQ. FT./200 = 222 SQ. FT. VENT AREA REQUIRED
(REDUCTION OF AREA REQUIRED TO 1/200)

112 SQ. FT. RIDGE VENT (50%)
112 SQ. FT. SOFFIT VENT (50%)

(RIDGE VENTS ABOVE 5' = 50-80% VENTILATION-BALANCE BY EAVE/GORNIZE VENTS). THE RIDGE VENT IS 50% OF THE REQUIRED VENTILATION CALCULATION AND IS REQUIRED TO EXCEED 112 SQ. FT. (50% OF THE 222 SQ. FT. VENTILATION REQUIRED)

RIDGE VENT CALCULATIONS:
222 LINEAL FEET OF RIDGE VENT X 18 SQ. INCHES OF VENT PER FOOT = 3,996 SQ. INCHES/144 SQ. INCHES/FOOT = 27.8 SQ. FT. VENTILATION PROVIDED.

Roof Framing Plan
SCALE 1/4" = 1'-0"

NOTE: ALL DIMENSIONS MULTIPLE OF 3 OR MORE SHALL BE RATED PER MANUFACTURER'S REQUIREMENTS.

NOTE: CONTRACTOR IS TO VERIFY THE ROOF DESIGN FOR ALL BEARING POINTS AND COORDINATE WITH ARCHITECT.

15'-0" MAXIMUM SPAN FOR 2x12S @ 16" O.C. ROOF RAFTERS

18'-0" MAXIMUM SPAN FOR 2x12S @ 12" O.C. ROOF RAFTERS

2x12 COLLAR TIES @ EVERY OTHER RAFTER

TRIPLE GELING JOISTS UNDER POST-UP (UNO)

NOTE: CONTRACTOR SHALL VERIFY THE OWNER THE LOCATION(S) OF ALL ATTIC ACCESS PANELS OR DOORS.

2x12 @ 16" O.C. ROOF RAFTERS
VALLEY: 2x12 @ 16" O.C. COLLAR TIES TO WALL STUDS
PROVIDE TRIM-WALL FLASHING & WEEPS @ 1/4" O.C. ABOVE



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1-10-18 Revision	
3-15-18 Revision	
9-12-18 Revision	

Residence for Zack & Casie Markwell
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Roof Framing Plan
A-11

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COLORVIEW

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OVERVIEW

TECHNICAL INFO

INSTALLATION

WARRANTY

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