

/ FRAMED CHIMNEY W/

CULTURED STONE VENEER \$ 21/4" STONE CAP AND TRIM

CONTINUOUS PIDGE VENT

ARCHITECTURAL SHINGLES

**AREA TABULATION** MAIN LEVEL

2419 55 BONUS ROOM 2805 UNFINISHED

TOTAL FINISHED 2419 55

2699 5 TOTAL LIVABLE GARAGE 4385 FRONT PORCH 3245 245 5 PEAR PORCH PEAR PORCH 2 100 5

FLOOR AREAS ARE CALCULATED FROM THE OUTSIDE OF FOUNDATION WALLS AND/OR OUTSIDE FACE OF EXTERIOR SHEATHING AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS at all levels.

#### **GENERAL NOTES**

PRECEDENCE OVER SCALING OF DRAWINGS - KICKOUT FLASHING TO BE INSTALLED AS NEEDED - EXTERIOR WALL FINISHER TO VERIFY KICKOUT FLASHING IS INSTALLED PRIOR TO FINISHING - CARPENTER TO FLASH ALL EXTERIOR WINDOWS & DOORS PER MIN. AND IRC CODE REQUIREMENTS - WHILE EVERY EFFORT HAS BEEN MADE TO INSURE THESE PLANS ARE ACCUPATE AND COMPLETE, THE OWNER/BUILDER MUST VERIFY ALL DIMENSIONS, CONSTRUCTION METHODS, SITE CONDITIONS AND SPECIFICATIONS AND BE RESPONSIBLE FOR SAME. - ANY NOTATIONS OF SIZES OF STRUCTURAL MEMBERS SUCH AS FOOTINGS, FOUNDATION SIZING, POSTS, BEAMS, JOISTS, RAFTERS, TRUSSES ETC. THAT APPEAR ON THESE PLANS ARE FOR DESIGN REVIEW AND BIDDING PURPOSES ONLY. IT IS RECOMMENDED

#### MINDOMS

- ANDERSEN 400 SERIES - STYLE AND SIZE AS NOTED

- WINDOWS DESIGNATED WITH 'T' TO HAVE TEMPERED GLASS - WINDOWS DESIGNATED WITH 'E' MEET EGRESS CODES

- WINDOW HEADER HEIGHTS (U.N.O.) - MAIN LEVEL SET TO 8' 11-3/8" - GARAGE SET TO 9' 0-1/4" - UPPER LEVEL SET TO 6' 11-3/8"

- ROUGH OPENINGS NOTED ARE MANUFACTURER'S MINIMUM REQUIREMENTS. BUILDER TO VERIFY WINDOW AND DOOR ROUGH OPENINGS AND HEADER HEIGHTS

## exterior finishes

- SIDING (AS NOTED) - HARDIEPLANK LAP SIDING - 5" EXPOSUPE

- HAPDIEPANEL VERTICAL SIDING - SMOOTH W/BATTEN BOARDS AT 16" O.C.

- STONE VENEER W/ 21/4" POCK FACE STONE CAP - HARDIETRIM BOARDS

- WIDTH AS NOTED





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EXTERIOR ELEVATIONS

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<u>PROFILE</u>

**WINDOW TRIM** 

PANEL SIDING - VERTICAL

GREAT ROOM PLATE HT.

MAIN LEVEL SUBFLOOP

WINDOW HEADER HEIGHT

GROOVE AT 4" O.C. -

4" TRIM ON 10" TRIM-

WOOD BRACKETS - SEE

PANEL SIDING - VERTICAL

AWNING DETAIL 4/A3.2-

GROOVE AT 4" O.C. -

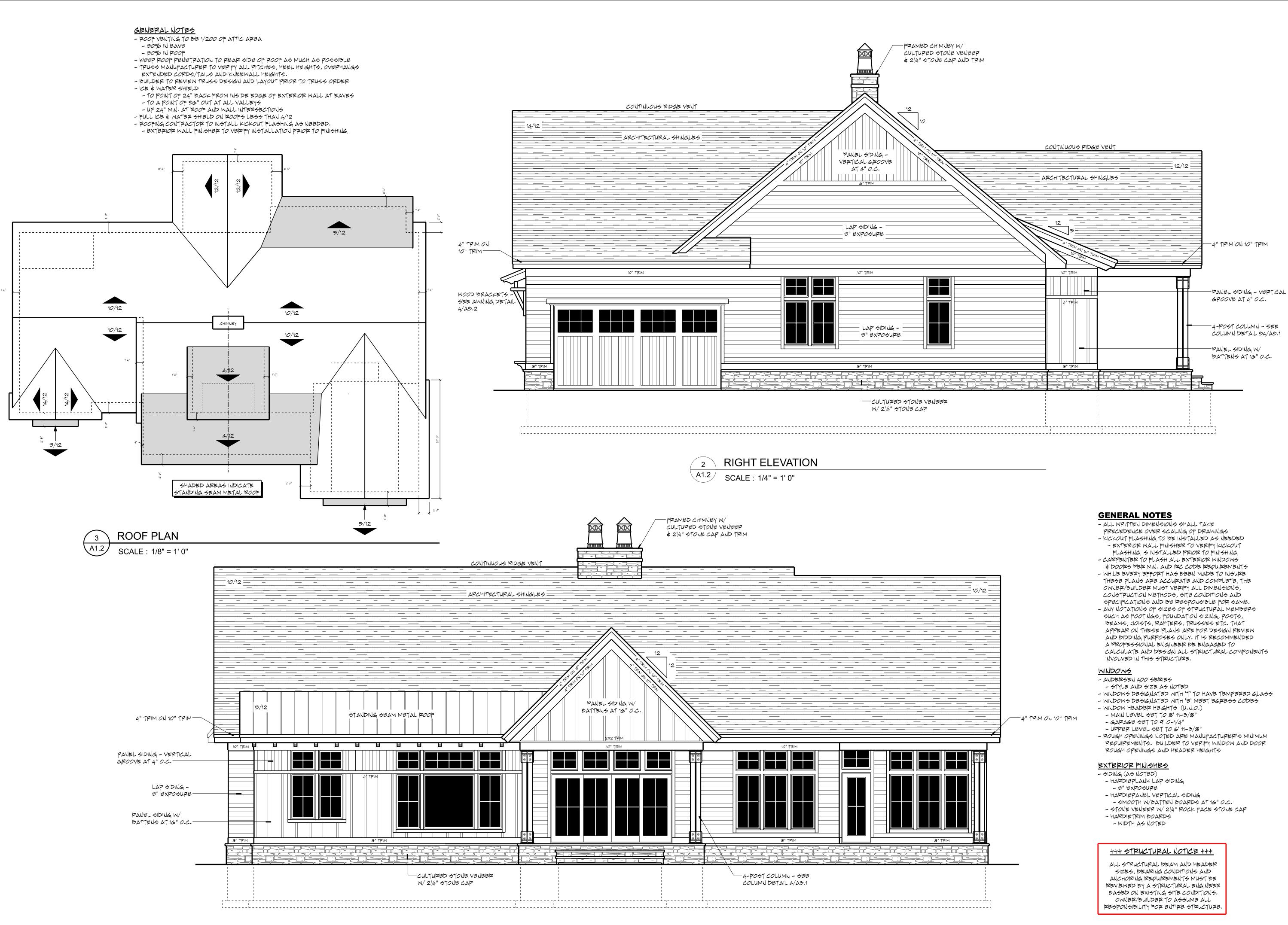
LAP SIDING -

5" EXPOSUPE-

CONTINUOUS PIDGE VENT

ARCHITECTURAL SHINGLES

10" TRIM



REAR ELEVATION

SCALE: 1/4" = 1'0"

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ROYAL OAKS

DESIGN

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CERTIFIED PROFESSIONAL BUILDING DESIGNER

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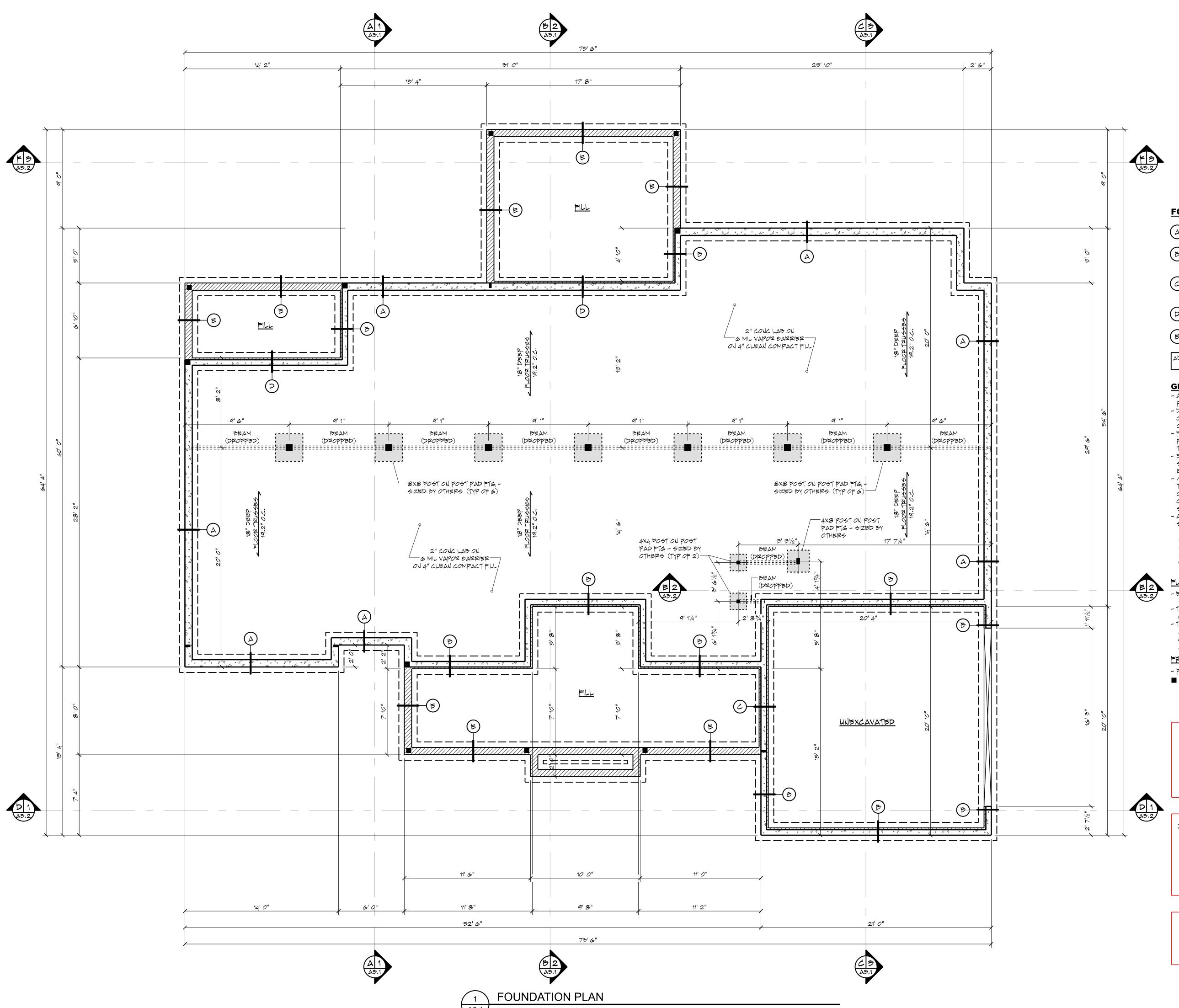
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**EXTERIOR ELEVATIONS** 

**ROOF PLAN** 

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**AREA TABULATION** 

2419 55 MAIN LEVEL BONUS ROOM 2805 UNFINISHED

TOTAL FINISHED 2419 55 2699 5 TOTAL LIVABLE

GARAGE 4385 FRONT PORCH 3245 PEAR PORCH 245 5 PEAR PORCH 2 100 5

FLOOR AREAS ARE CALCULATED FROM THE OUTSIDE OF FOUNDATION WALLS AND/OR OUTSIDE FACE OF EXTERIOR SHEATHING AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS at all levels.

### **FOUNDATION NOTES**

8"W X 48"H POUPED CONC WALL S"W X 48"H POURED CONC W ON 20" X 8" CONC FOOTING

8"W X 48"H POUPED CONC WALL (B) ON 20" X 8" CONC FOOTING -- 2"W X 8"H EXT LEDGE --

10"W X 48"H POUPED CONC WALL ON 20" X 8" CONC FOOTING -- 2"W X 8"H EXT LEDGE ---- 2"W X 8"H INT LEDGE --

10"W X 48"H POUPED CONC WALL ON 20" X 8" CONC FOOTING -- 2"W X 8"H EXT LEDGE --

> 8"W X 40"H POURED CONC WALL ON 20" X 8" CONC FOOTING

ADJUST WALL HEIGHT AS REPUIRED TO ACCOMMODATE LOCAL FROST LINE

#### **GENERAL NOTES**

- ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING OF DRAWINGS - DIMENSIONS ARE FROM EXTERIOR FACE OF CONCRETE FOUNDATION WALLS AND CENTERLINE OF INTERIOR BEARING WALLS, POSTS AND BEAMS. - FOUNDATION CONTRACTOR TO VERIFY ALL ROUGH-IN PLUMBING LOCATIONS AND ANY OTHER PENETRATIONS THROUGH CONCRETE FLOOR PRIOR TO CONSTRUCTION. - BUILDER/FOUNDATION CONTRACTOR TO VERIFY FOOTING SIZE AND REINFORCEMENT REQUIREMENTS BASED ON EXISTING SOIL CONDITIONS PRIOR TO CONSTRUCTION. - WHILE EVERY EFFORT HAS BEEN MADE TO INSURE THESE PLANS ARE ACCURATE AND COMPLETE, THE OWNER/BUILDER MUST VERIFY ALL DIMENSIONS, CONSTRUCTION METHODS, SITE CONDITIONS AND SPECIFICATIONS AND BE RESPONSIBLE FOR SAME. - ANY NOTATIONS OF SIZES OF STRUCTURAL MEMBERS SUCH AS FOOTINGS, FOUNDATION SIZING, POSTS, BEAMS, JOISTS, RAFTERS, TRUSSES, ETC. THAT APPEAR ON THESE PLANS ARE FOR DESIGN REVIEW AND BIDDING PURPOSES ONLY. IT IS RECOMMENDED A PROFESSIONAL ENGINEER BE ENGAGED TO CALCULATE AND DESIGN ALL STRUCTURAL COMPONENTS INVOLVED IN THIS STRUCTURE.

## =LOOP SYSTEM

- ENGINEERED WOOD FLOOR TRUSSES - SIZE AND SPACING BY SUPPLIER - TRUSS SUPPLIER TO VERIFY FRAMING AT CANTILEVERS FOR POINT LOADS FROM ABOVE - TRUSS SUPPLIER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE COUNTERTOPS, AND PROVIDE PROPER FRAMING as Needed

## <u>FRAMING</u>

- PROVIDE SOLID BLOCKING AT ALL POINT LOADS ■ - INDICATES BEAPING POINT LOAD - PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS W/ LOCAL STRUCTURAL ENGINEER

## +++ STRUCTURAL NOTICE +++

ALL STRUCTURAL BEAM AND HEADER SIZES, BEARING CONDITIONS AND ANCHOPING PEQUIPEMENTS MUST BE PEVIEWED BY A STRUCTURAL ENGINEER BASED ON EXISTING SITE CONDITIONS. OWNER/BUILDER TO ASSUME ALL RESPONSIBILITY FOR ENTIRE STRUCTURE.

## ++ FOUNDATION ENGINEERING ++

ALL BUILDING FOUNDATION, FOOTING SIZES AND REINFORCING, INCLUDING POST FOOTINGS, TO BE DESIGNED ON SITE BY LOCAL ENGINEER OR FOUNDATION CONTRACTOR BASED ON EXISTING SITE CONDITIONS.

## ++ FOOTING FROST DEPTH: ++

OWNER/CONTRACTOR TO ADJUST DEPTH OF ALL HOUSE, GARAGE, SLAB AND DECK POST FOOTINGS TO MEET LOCAL CODES.



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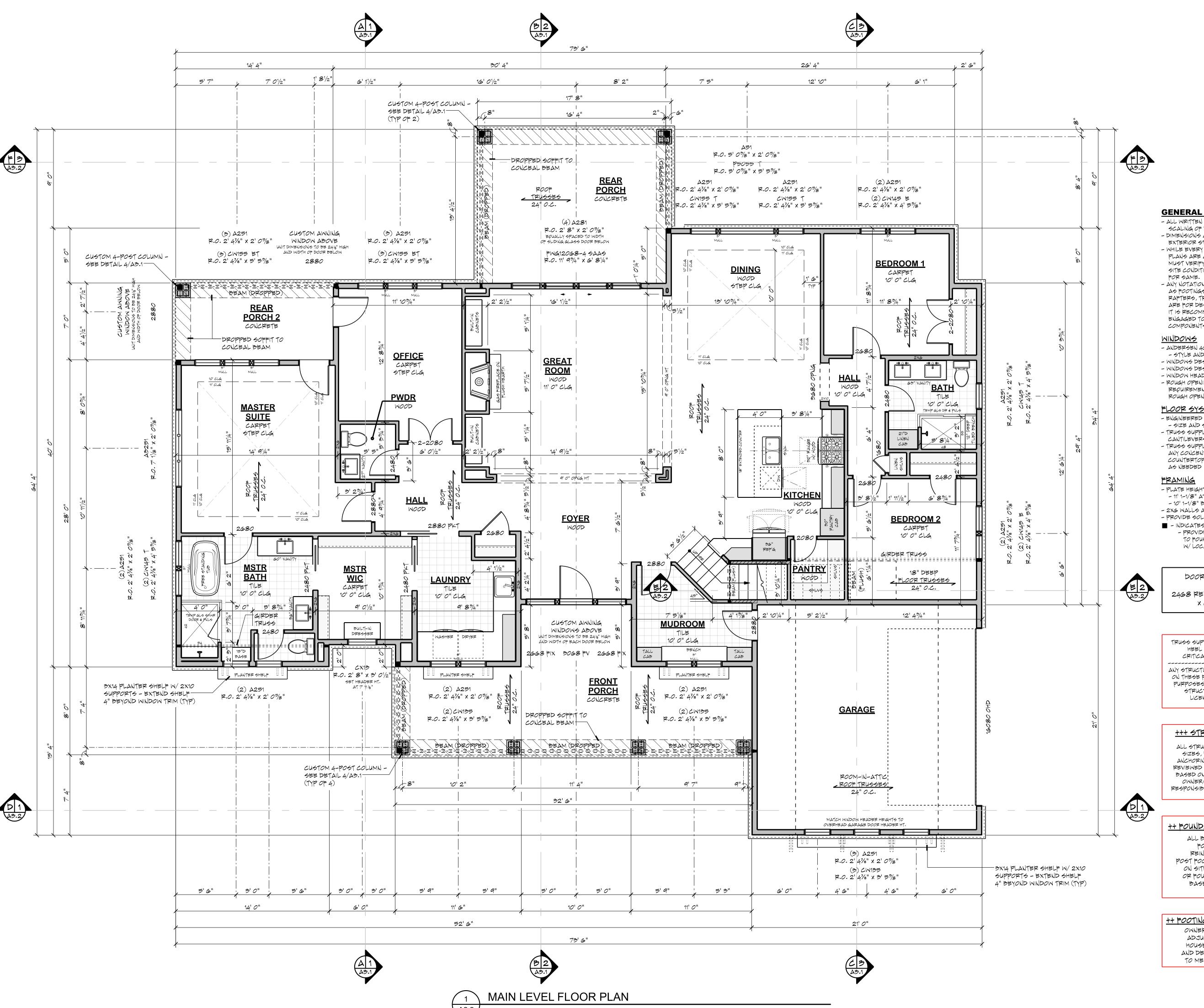
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FOUNDATION PLAN



**AREA TABULATION** 

2419 55 MAIN LEVEL 2805 BONUS ROOM

UNFINISHED TOTAL FINISHED 2419 55

2699 5 TOTAL LIVABLE GARAGE 4385 FRONT PORCH 3245 245 5 PEAR PORCH PEAR PORCH 2 100 5

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### MINDOMS

- ANDERSEN 400 SERIES

- Style and Size as Noted - WINDOWS DESIGNATED WITH 'T' TO HAVE TEMPERED GLASS - WINDOWS DESIGNATED WITH 'E' MEET EGRESS CODES

- WINDOW HEADER HEIGHTS SET TO 8' 11-3/8" (U.N.O.) - ROUGH OPENINGS NOTED ARE MANUFACTURER'S MINIMUM PEQUIPEMENTS. BUILDER TO VERIFY WINDOW AND DOOR POUGH OPENINGS AND HEADER HEIGHTS

### FLOOP SYSTEM

- ENGINEERED WOOD FLOOR TRUSSES - SIZE AND SPACING BY SUPPLIER

- TRUSS SUPPLIER TO VERIFY FRAMING AT CANTILEVERS FOR POINT LOADS FROM ABOVE - TRUSS SUPPLIER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE COUNTERTOPS, AND PROVIDE PROPER FRAMING

### <u>FRAMING</u>

- PLATE HEIGHTS (U.N.O.) - 11' 1-1/8" AT GREAT ROOM/DINING

- 10' 1-1/8" BALANCE OF HOUSE - 2XG WALLS AT ALL POCKET DOORS

- PROVIDE SOLID BLOCKING AT ALL POINT LOADS

 INDICATES BEARING POINT LOAD - PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS

W/LOCAL STRUCTURAL ENGINEER

DOOP SCHEDULE SYMBOL

2468 REPRESENTS A 2'-4" WIDE X 6'-8" HIGH DOOP

TRUSS SUPPLIER TO VERIFY ALL SPANS, PITCHES, HEEL HEIGHTS AND OTHER CONDITIONS CPITICAL TO PROPER TRUSS FABRICATION

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## ++ FOOTING FROST DEPTH: ++ OWNER/CONTRACTOR TO

ADJUST DEPTH OF ALL HOUSE, GARAGE, SLAB AND DECK POST FOOTINGS TO MEET LOCAL CODES.



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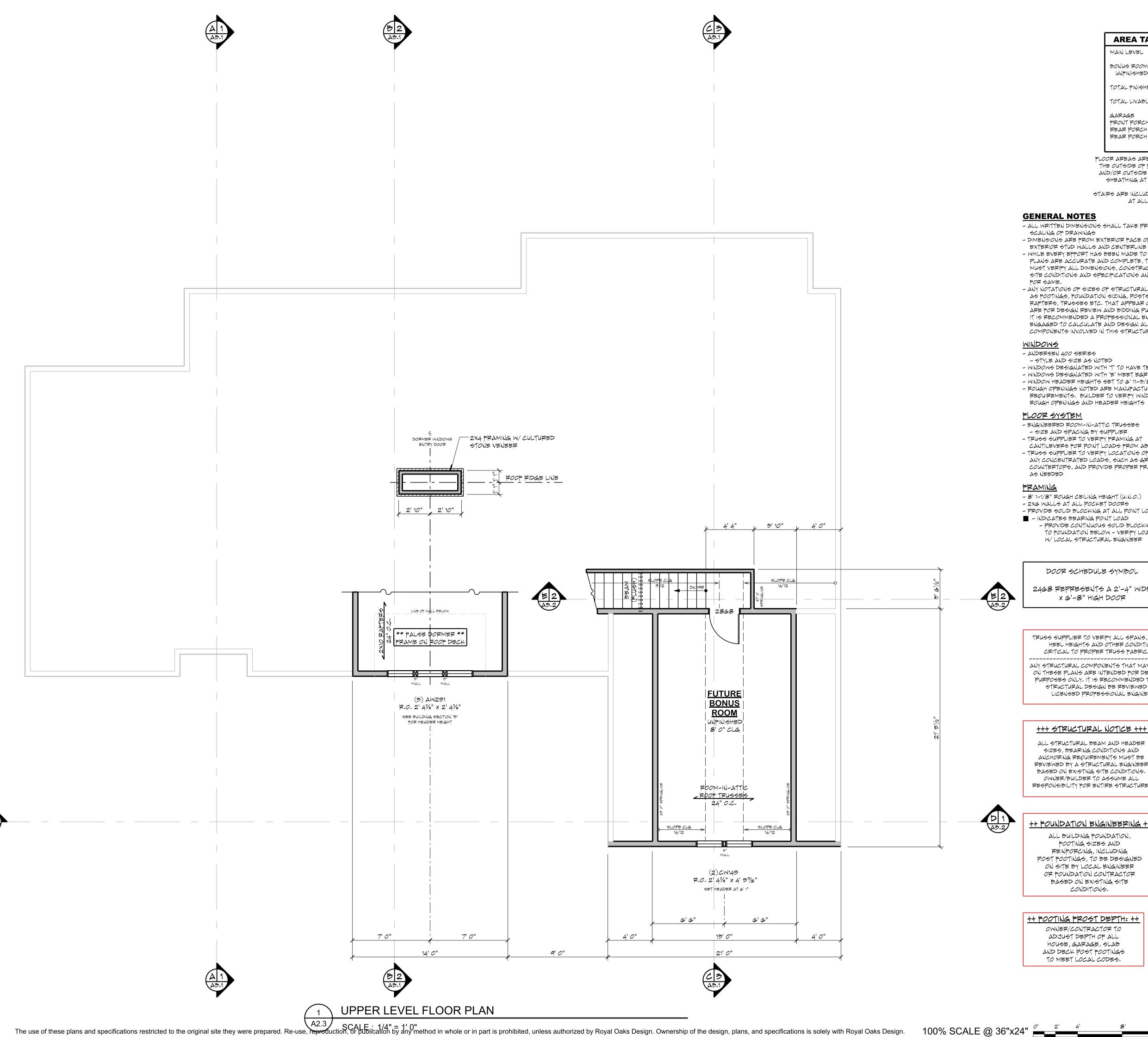
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MAIN LEVEL FLOOR PLAN



**AREA TABULATION** 

2419 55 MAIN LEVEL BONUS ROOM 2805 unfinished

TOTAL FINISHED 2419 55 2699 5 TOTAL LIVABLE

GARAGE 4385 FRONT PORCH 3245 245 5 PEAR PORCH PEAR PORCH 2 100 5

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#### <u>windows</u>

- ANDERSEN 400 SERIES
- STYLE AND SIZE AS NOTED
- WINDOWS DESIGNATED WITH 'T' TO HAVE TEMPERED GLASS - WINDOWS DESIGNATED WITH 'E' MEET EGRESS CODES
- WINDOW HEADER HEIGHTS SET TO 6' 11-3/8" (U.N.O.) - ROUGH OPENINGS NOTED ARE MANUFACTURER'S MINIMUM REQUIREMENTS. BUILDER TO VERIFY WINDOW AND DOOR

### FLOOP SYSTEM

- ENGINEERED ROOM-IN-ATTIC TRUSSES
- SIZE AND SPACING BY SUPPLIER - TRUSS SUPPLIER TO VERIFY FRAMING AT
- CANTILEVERS FOR POINT LOADS FROM ABOVE - TRUSS SUPPLIER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE

#### COUNTERTOPS, AND PROVIDE PROPER FRAMING as Needed

- 8' 1-1/8" ROUGH CEILING HEIGHT (U.N.O.)
- 2XG WALLS AT ALL POCKET DOORS - PROVIDE SOLID BLOCKING AT ALL POINT LOADS
- INDICATES BEARING POINT LOAD - PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS

W/LOCAL STRUCTURAL ENGINEER

DOOR SCHEDULE SYMBOL

2468 REPRESENTS A 2'-4" WIDE x 6'-8" HIGH DOOR

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ISSUE DATE REMARK

++ FOUNDATION ENGINEERING ++ ALL BUILDING FOUNDATION, FOOTING SIZES AND PEINFORCING, INCLUDING POST FOOTINGS, TO BE DESIGNED ON SITE BY LOCAL ENGINEER OR FOUNDATION CONTRACTOR BASED ON EXISTING SITE

CONDITIONS.

## ++ footing frost depth: ++ OWNER/CONTRACTOR TO

ADJUST DEPTH OF ALL HOUSE, GARAGE, SLAB and deck post footings TO MEET LOCAL CODES.



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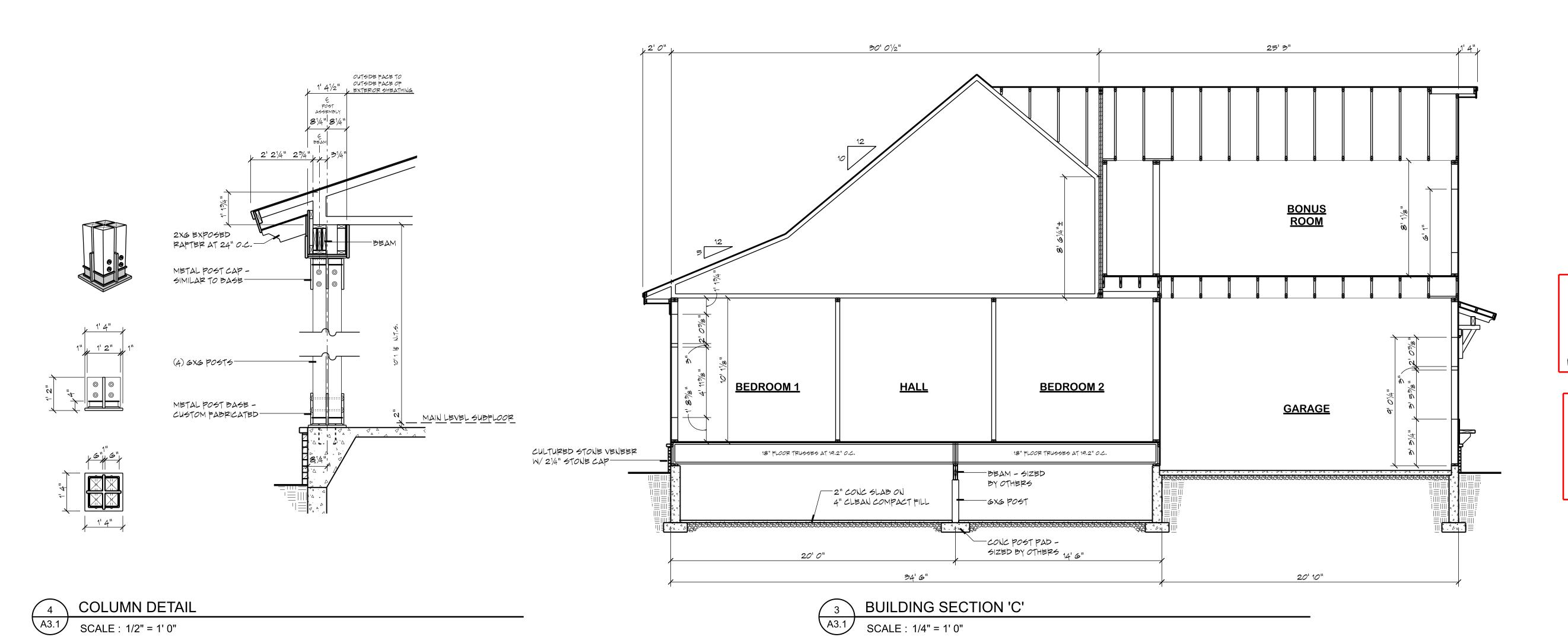
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UPPER LEVEL FLOOR PLAN





2419 5 MAIN LEVEL BONUS ROOM 2805 unfinished

> TOTAL FINISHED 2419 55 26995

TOTAL LIVABLE garage 4385 FRONT PORCH 3245 PEAR PORCH 245 5 PEAR PORCH 2 100 5

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# ++ FOOTING FROST DEPTH: ++

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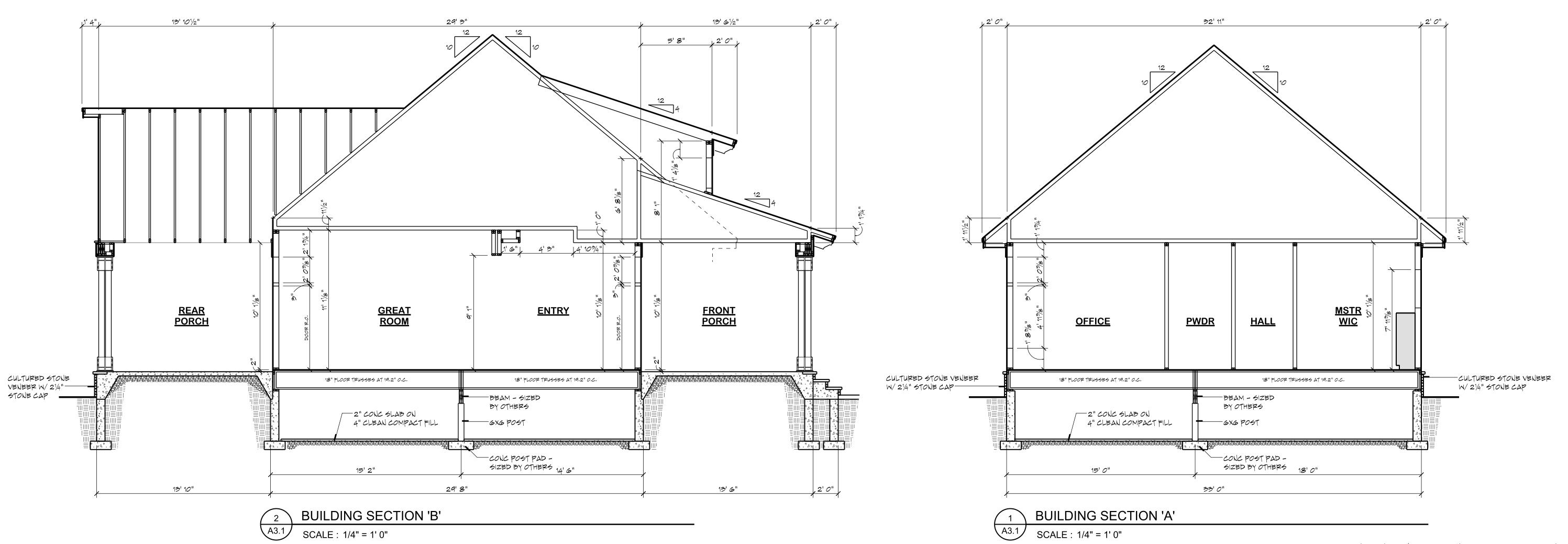
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**BUILDING SECTIONS** 



TRUSS SUPPLIER TO VERIFY ALL SPANS, PITCHES, HEEL HEIGHTS AND OTHER CONDITIONS CRITICAL TO PROPER TRUSS FABRICATION

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> ICE & WATER SHIELD TO 24" PAST INSIDE WALL

VENT BAFFLES AT EVERY TRUSS SPACE (MIN. 1" CLEARANCE)

5/4X4 ON 4/4X10 HAPDIETPIM—

2X SUB-FASCIA W/

W/HARDIESOFFIT-VENTED AS REQUIRED -

INSULATED PIM

JOIST - MIN. P-21-

<u>exterior wall</u>

- SEE ELEVATIONS

- 1/2" OSB SHEATHING - 2XG STUDS AT 16" O.C. - MIN. P-21 INSULATION

- Exterior finish

- VAPOR BARRIER - 1/2" GYP BD

INSULATED RIM

JOIST - MIN. 12-21

FILTER MEMBRANE -

DRAIN PIPE TO SUMP OF DAYLIGHT-

- HOUSE WRAP

2X4 LOOKOUTS AT 24" O.C.

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- SEE PLAN FOR MATERIAL

- ROOF TRUSSES AT 24" O.C.

SEE PLAN

- (1) LAYER 15# FELT UNDERLAYMENT

- 1/2" OXBOARD SHEATHING W/ CLIPS

MIN. P-50 BLOWN INSULATION

-VAPOR BARRIER 5/8" GYP BD

-3/4" T&G SUBFLOOR - GLUED & NAILED W/ PING SHANK NAILS

FLOOR TRUSS SYSTEM

-3/4" TEG SUBFLOOP

- GLUED & NAILED W/ PING SHANK NAILS

FLOOR TRUSS SYSTEM

-2" CONC SLAB OVER

4" CLEAN FILL

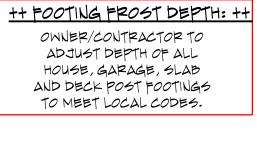
G MIL VAPOR BARRIER OVER

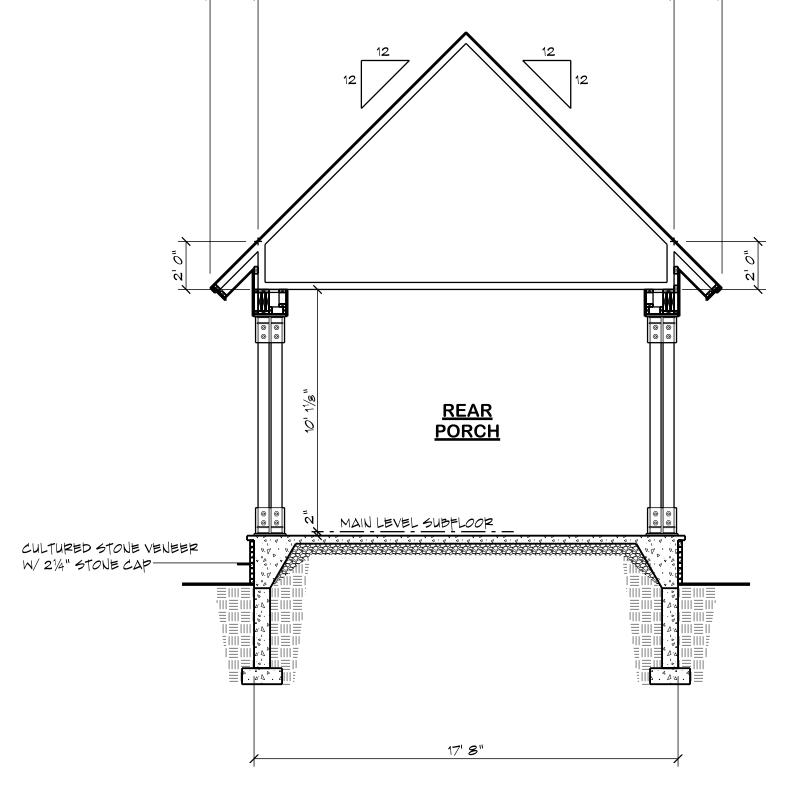
5/8" GYP BD

I BASKET I

# ++ FOUNDATION ENGINEERING ++

ALL BUILDING FOUNDATION, footing sizes and REINFORCING, INCLUDING POST FOOTINGS, TO BE DESIGNED ON SITE BY LOCAL ENGINEER OR FOUNDATION CONTRACTOR BASED ON EXISTING SITE CONDITIONS.





17' 4"

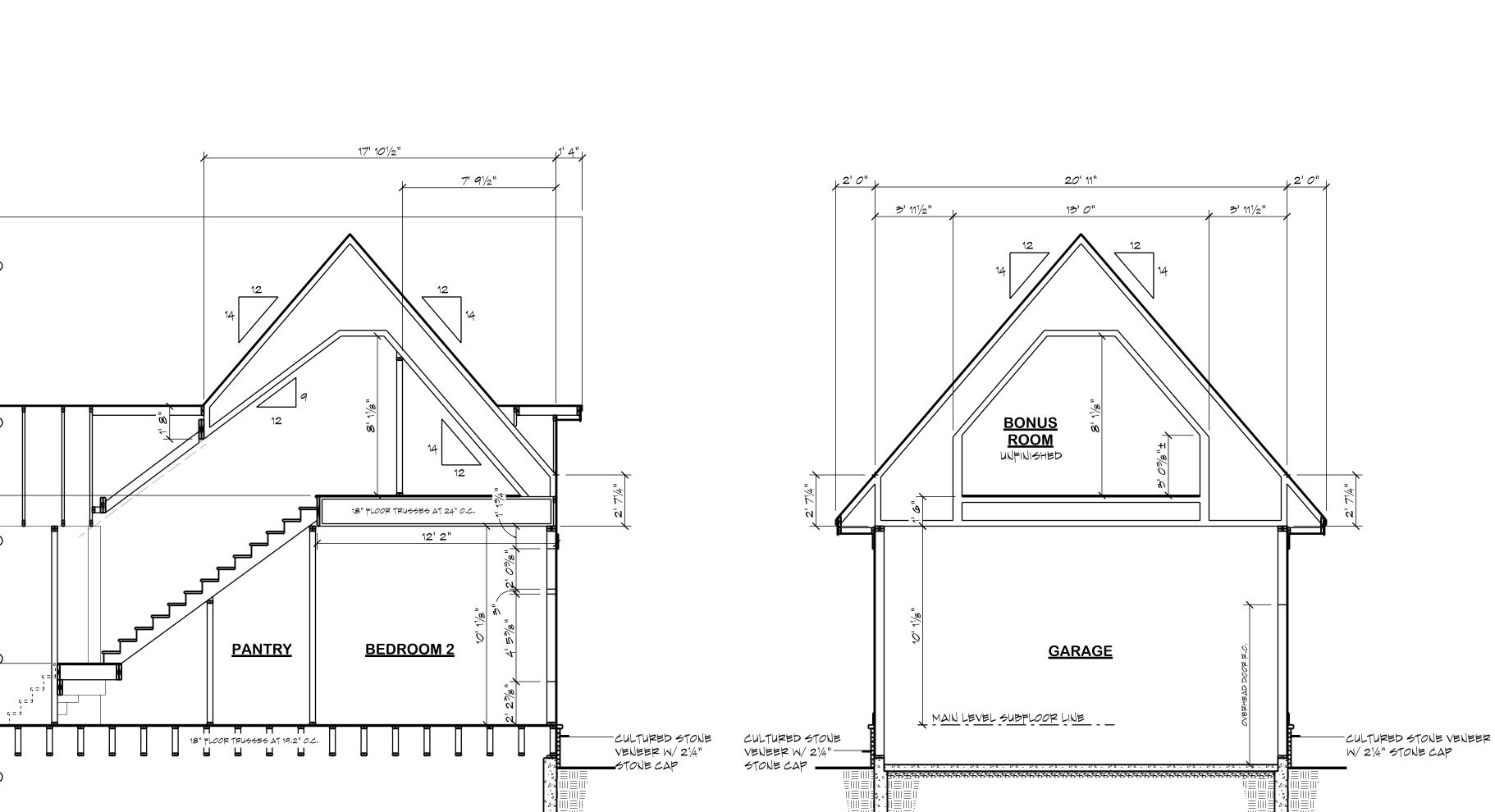
**BUILDING SECTION 'F'** 

SCALE: 1/4" = 1'0"

STANDING SEAM METAL ROOF 15# FELT UNDEPLAYMENT 1/2" CDX PLYWD 2X4'5 AT 16" O.C. 3/8" PLYWD 50FFIT 4x8 CEDAP -4x6 CEDAR RAFTERS AT 24" O.C.

**AWNING DETAIL** 

SCALE: 1/2" = 1'0"



TYPICAL WALL SECTION SCALE: 3/8" = 1'0"

**BUILDING SECTION 'E'** SCALE: 1/4" = 1'0"

**BUILDING SECTION 'D'** 

SCALE: 1/4" = 1'0"

ROYAL OAKS DESIGN

**AREA TABULATION** 

MAIN LEVEL

BONUS ROOM

UNFINISHED

TOTAL FINISHED

TOTAL LIVABLE

FRONT PORCH

PEAR PORCH

PEAR PORCH 2

FLOOR AREAS ARE CALCULATED FROM THE OUTSIDE OF FOUNDATION WALLS AND/OR OUTSIDE FACE OF EXTERIOR

SHEATHING AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS at all levels.

garage

2419 5

2805

2419 55

2699 5

4385

3245

245 5

100 5

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> AWNING DETAIL TYPICAL WALL SECTION

AREA TABULATION	
MAIN LEVEL	2419 5
BONUS ROOM UNFINISHED	280 5
TOTAL FINISHED	2419 5
TOTAL LIVABLE	2699 5
GARAGE FRONT PORCH REAR PORCH REAR PORCH 2	438 5F 324 5F 245 5F 100 5F

FLOOR AREAS ARE CALCULATED FROM
THE OUTSIDE OF FOUNDATION WALLS
AND/OR OUTSIDE FACE OF EXTERIOR
SHEATHING AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS at all levels.



ROYAL OAKS DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR ANY STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE FOR THE VERIFICATION AND CHECKING OF ALL NOTES, DETAILS, ELEVATIONS, SECTIONS AND FLOOR PLANS AND NOTIFY ROYAL OAKS DESIGN, INC. OF ANY ERRORS PRIOR TO START OF CONSTRUCTION. ROYAL OAKS DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR THE WORKMANSHIP OF THE SUB-CONTRACTORS.

DESIGN

651-964-2726



Please scan or visit www.royaloaksdesign.com to see more of our plans or to request modifications.

Document Date: 8/25/2022

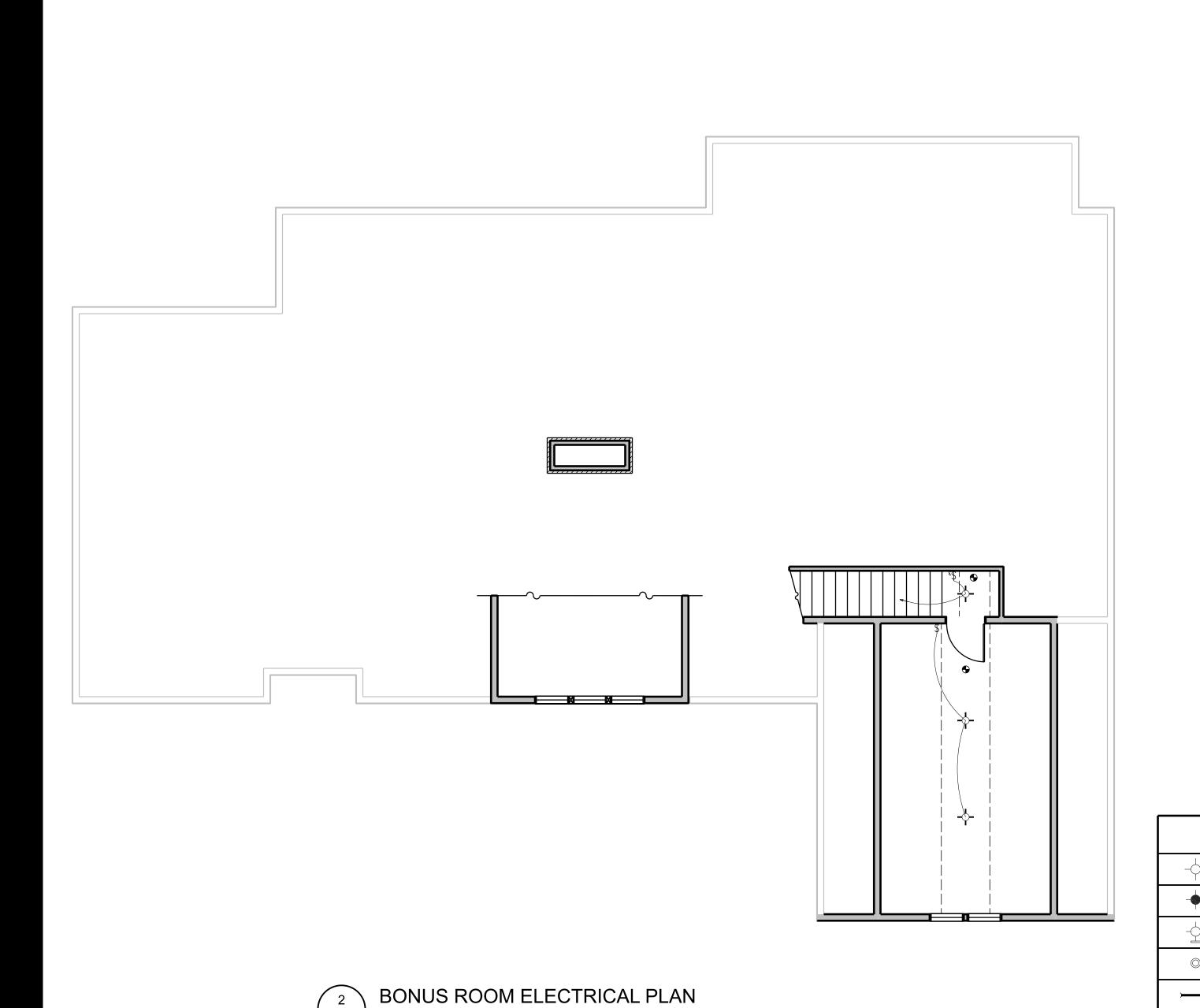
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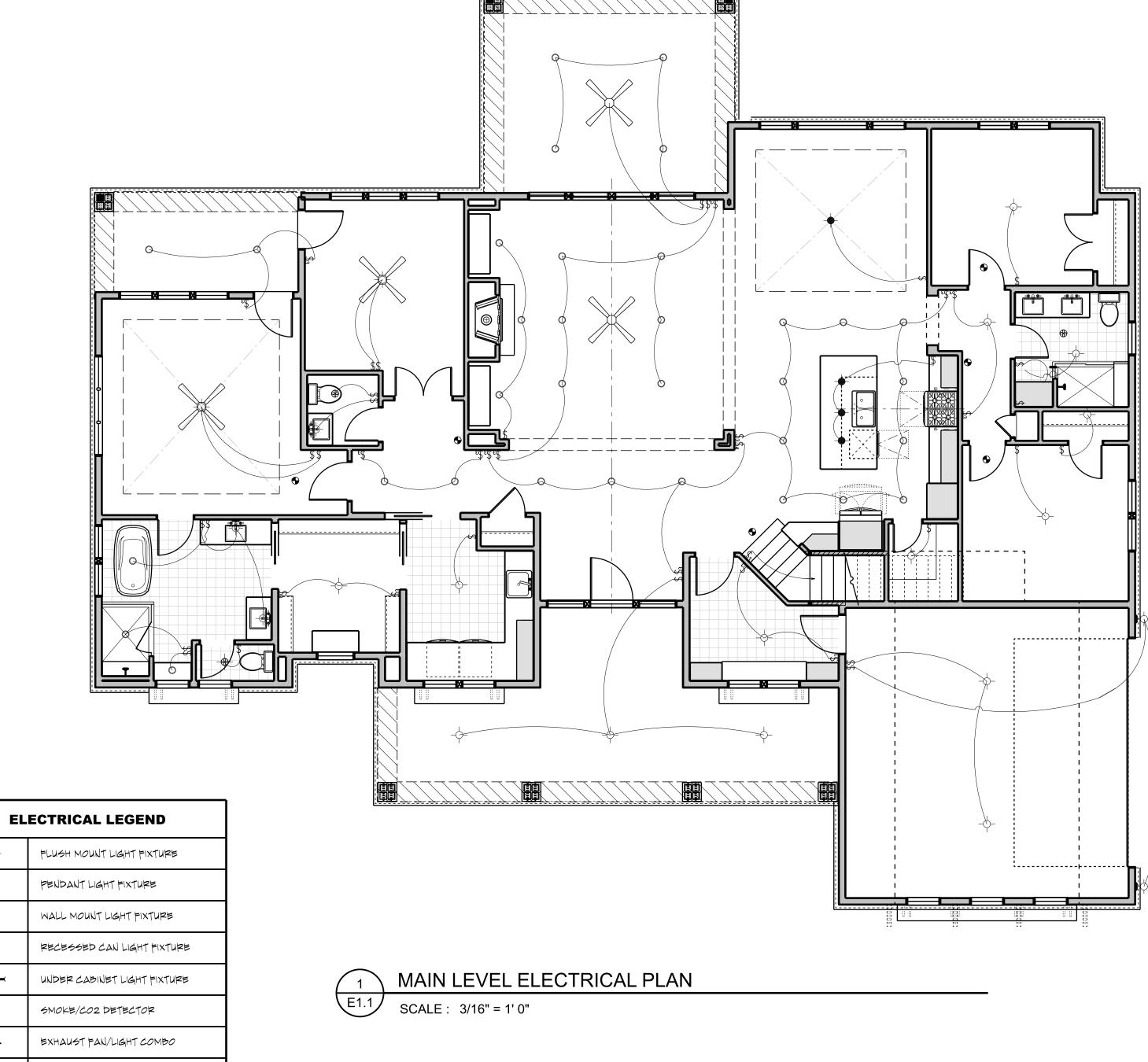
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ELECTRICAL PLANS

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SCALE: 3/16" = 1'0"



FAN/LIGHT COMBO FIXTURE