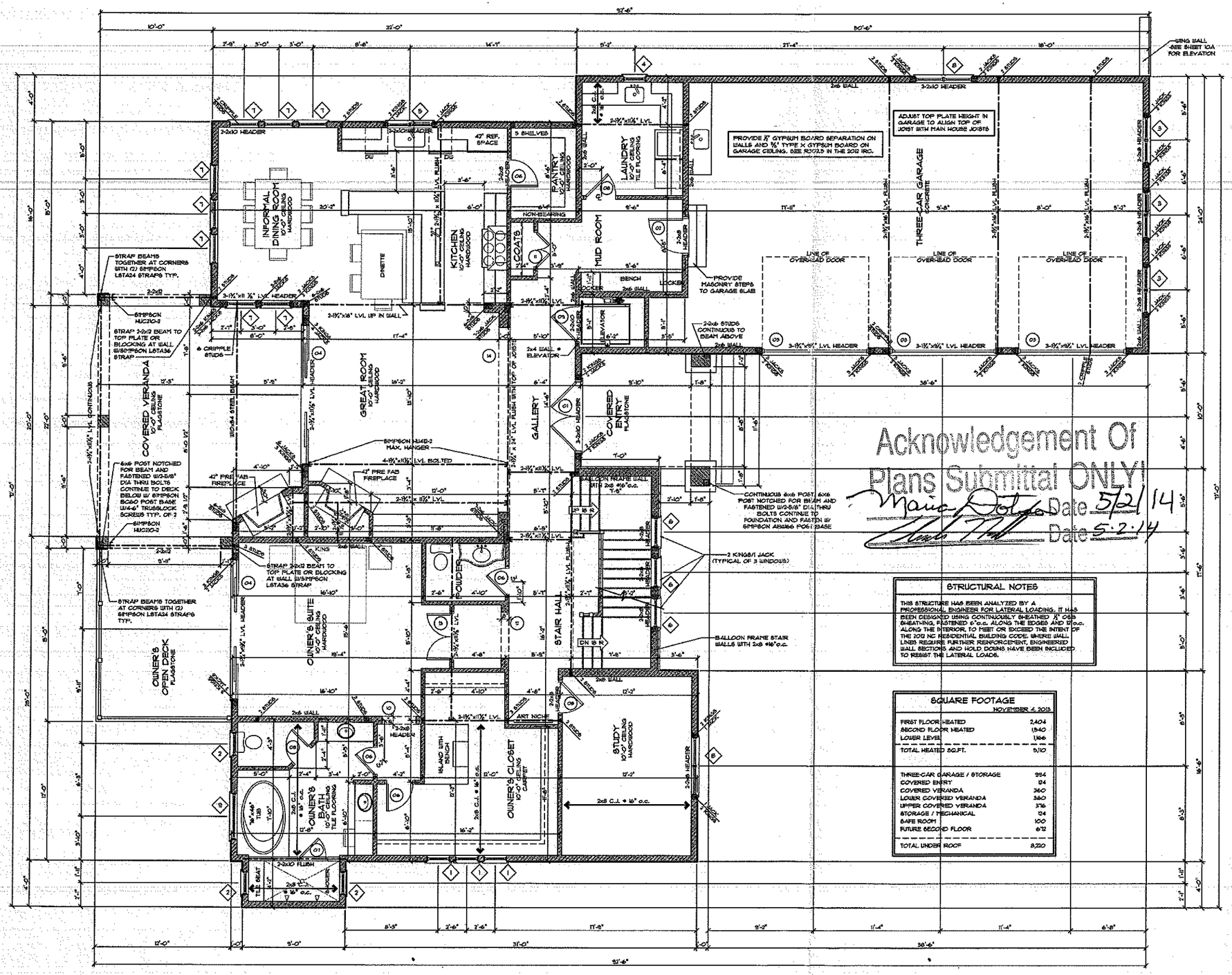


STRUCTURAL NOTES

THIS STRUCTURE HAS BEEN ANALYZED BY A PROFESSIONAL ENGINEER FOR LATERAL LOADING. IT HAS BEEN DESIGNED USING CONTINUOUSLY SHEATHED ½" OSB SHEATHING, FASTENED 6" o.c. ALONG THE EDGES AND 12" o.c. ALONG THE INTERIOR, TO MEET OR EXCEED THE INTENT OF THE 2012 NC RESIDENTIAL BUILDING CODE. WHERE WALL LINES REQUIRE FURTHER REINFORCEMENT, ENGINEERED WALL SECTIONS AND HOLD DOWNS HAVE BEEN INCLUDED TO RESIST THE LATERAL LOADS.

SQUARE FOOTAGE

NOVEMBER 4, 2013

FIRST FLOOR HEATED	2,404
SECOND FLOOR HEATED	1,940
LOWER LEVEL	1,166
TOTAL HEATED SQ.FT.	5,510
THREE-CAR GARAGE / STORAGE	954
COVERED ENTRY	124
COVERED VERANDA	240
LOWER COVERED VERANDA	360
UPPER COVERED VERANDA	376
STORAGE / MECHANICAL	124
SAFE ROOM	100
FUTURE SECOND FLOOR	672
TOTAL UNDER ROOF	8,220

FIRST FLOOR WINDOW SCHEDULE

	WIDTH	HEIGHT	NOTES
01	2'-0"	2'-0"	SINGLE FIXED GLASS WINDOW UNIT
02	2'-0"	2'-0"	SINGLE AWNING WINDOW UNIT
03	2'-0"	2'-0"	TWIN FIXED GLASS WINDOW UNIT
04	2'-0"	4'-6"	SINGLE CASEMENT WINDOW UNIT
05	2'-0"	4'-6"	TWIN CASEMENT WINDOW UNIT
06	2'-6"	4'-0"	SINGLE CASEMENT WINDOW UNIT - TEMPERED
07	2'-6"	6'-0"	SINGLE CASEMENT WINDOW UNIT
08	2'-6"	6'-0"	TWIN CASEMENT WINDOW UNIT
09	4'-0"	2'-0"	SINGLE FIXED GLASS WINDOW UNIT - TEMPERED

FIRST FLOOR DOOR SCHEDULE

	WIDTH	HEIGHT	NOTES
01	6'-0"	8'-0"	EXTERIOR TWIN FRONT ENTRY DOOR WITH 3/4 TEMPERED GLASS PANELS
02	3'-0"	8'-0"	SINGLE EXTERIOR 20 MINUTE FIRE RATED DOOR
03	9'-0"	8'-0"	5 SECTION OVERHEAD GARAGE DOOR WITH WOOD VENEER
04	12'-0"	8'-0"	QUAD 36" SLIDING GLASS DOOR - TEMPERED
05	2'-0"	8'-0"	SINGLE INTERIOR TWO PANEL DOOR
06	2'-4"	8'-0"	SINGLE INTERIOR TWO PANEL DOOR
07	2'-4"	8'-0"	SINGLE GLASS DOOR FOR SHOWER - TEMPERED
08	2'-8"	8'-0"	SINGLE INTERIOR TWO PANEL DOOR
09	3'-0"	8'-0"	SINGLE INTERIOR TWO PANEL DOOR
10	3'-0"	8'-0"	CASED OPENING
11	3'-0"	8'-0"	TWIN INTERIOR TWO PANEL DOOR
12	4'-0"	8'-0"	CASED OPENING
13	4'-0"	8'-0"	TWIN INTERIOR TWO PANEL DOOR
14	16'-0"	8'-0"	CASED OPENING

CHIMNEY CHASE FRAMING (TYP.)

- 2x6 @ 12" o.c. -or- 2x8 @ 16" o.c. -or- (2)-2x4 @ 16" o.c. BALLOON FRAMED FROM ATTIC CEILING OR FLOOR
- FASTEN 7/16" OSB SHEATHING ON ALL SIDES w/ 8d NAILS @ 4" o.c. AROUND EDGES & 12" o.c. IN FIELD
- FASTEN ALL STUDS TO SUPPORT BEAM OR STUDS BELOW w/ SIMPSON LSTA24 STRAPS
- FASTEN BEARING ENDS OF BEAMS TO SUPPORT STUDS w/ SIMPSON MSTC28 STRAPS

GENERAL FLOOR PLAN NOTES

1. SEE SHEET GN-1 FOR ADDITIONAL FRAMING NOTES.
2. ALL HEADERS ARE 2x8 (U.N.O.)
3. # INDICATES POINT LOADS (SEE GN-1 SHEET) SOLID BLOCKING TO BE EQUAL TO NUMBER OF STUDS ABOVE TO ALLOW CONCENTRATED LOADS TO BE TRANSFERRED TO PIERS / GIRDERS BELOW
4. PROVIDE ½" DRYWALL SEPARATION BETWEEN WALL & ⅝" TYPE X DRYWALL AT CEILING OF HOUSE & GARAGE
5. ALL ANGLES ARE 45° (U.N.O.)
6. INSTALL DBL. JOIST UNDER ALL PARALLEL PARTITION WALLS (U.N.O.)
7. INSTALL A MIN. OF (3) 2x4 STUDS OR (2) 2x6 UNDER ALL BEAMS, LVL's, OR BUILT-UP, AT THE FIRST FLOOR LEVEL (U.N.O.)
8. ALL EXTERIOR WALLS TO HAVE 7/16" OSB SHEATHING FASTENED w/ 8d NAILS @ 6" o.c. AROUND EDGES & 12" o.c. IN FIELD
9. "BOLTED": FASTEN 3-PLY LVL's TOGETHER w/ (2) ROWS OF ½" LONG TRUSSLOK SCREWS @16" o.c. FASTEN 4-PLY LVL's TOGETHER w/ (2) ROWS OF @ 3/4" LONG TRUSSLOK SCREWS @16" o.c.

FIRST FLOOR PLAN

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

ENGINEER:
NORTH CAROLINA PROFESSIONAL SEAL 032827 12-18-13 ENGINEER MARCEL D. PAPINEAU
INTELLIGENTDESIGN ENGINEERING
1200 THE PLAZA, SUITE B
CHARLOTTE, NC 28205
CORPORATE LICENSE No.: C-3118

DATE: DECEMBER 18, 2013

DRAWN BY: K. COTTER

APPROVED BY:

JOB NUMBER: 2013-428

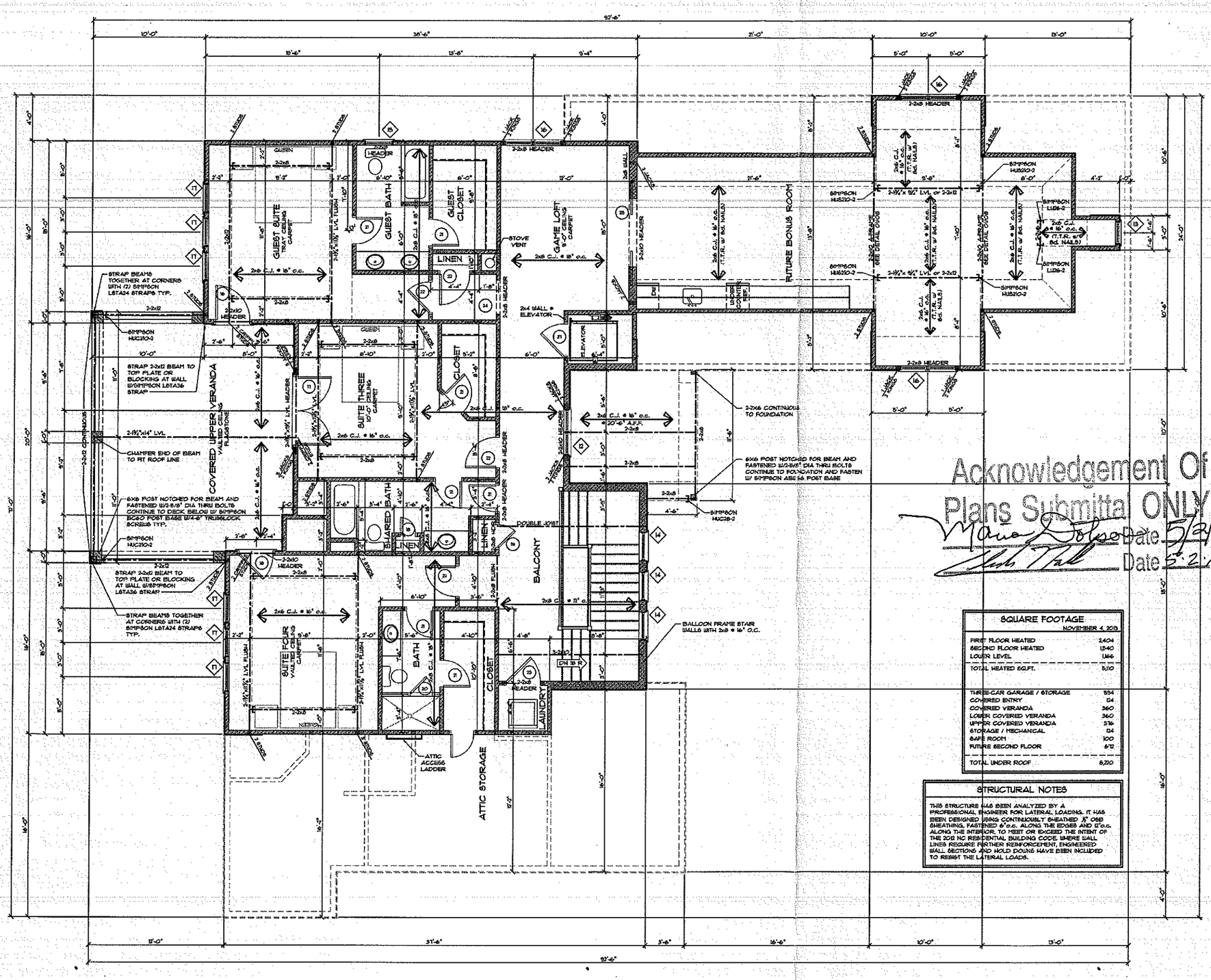
PROJECT:
THE MYERS RESIDENCE
2214 BRAWLEY SCHOOL ROAD
IN
MOORESVILLE, NORTH CAROLINA

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD.

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HomeBuilders Association Of Charlotte
MEMBER NAHB
BBB
CERTIFIED PROFESSIONAL
AMERICAN INSTITUTE OF BUILDING DESIGN

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SECOND FLOOR WINDOW SCHEDULE

-	WIDTH	HEIGHT	NOTES
12	2'-0"	3'-0"	TWIN ARCHED FIXED GLASS WINDOW UNIT
13	2'-0"	3'-0"	SINGLE CASEMENT WINDOW UNIT
14	2'-6"	4'-0"	SINGLE FIXED GLASS WINDOW UNIT
15	2'-6"	4'-0"	SINGLE CASEMENT WINDOW UNIT
16	2'-6"	4'-0"	TWIN CASEMENT WINDOW UNIT
17	2'-6"	5'-0"	SINGLE CASEMENT WINDOW UNIT WITH FALL PROTECTION

SEE SHEET 10A (FRONT ELEVATION) FOR 15 WINDOW IN THE ATTIC ABOVE THE STAIRWELL

SECOND FLOOR DOOR SCHEDULE

-	WIDTH	HEIGHT	NOTES
16	3'-0"	6'-8"	SINGLE EXTERIOR FRENCH DOOR - TEMPERED
17	6'-0"	6'-8"	TWIN EXTERIOR FRENCH DOOR - TEMPERED
18	1'-4"	6'-8"	SINGLE INTERIOR TWO PANEL DOOR
19	2'-0"	6'-8"	SINGLE INTERIOR TWO PANEL DOOR
20	2'-0"	6'-8"	SINGLE GLASS DOOR FOR SHOWER - TEMPERED
21	2'-4"	6'-8"	SINGLE INTERIOR TWO PANEL DOOR
22	2'-6"	6'-8"	SINGLE INTERIOR TWO PANEL DOOR
23	3'-0"	6'-8"	SINGLE INTERIOR TWO PANEL DOOR
24	3'-0"	6'-8"	CASED OPENING
25	6'-0"	6'-8"	TWIN INTERIOR TWO PANEL POCKET DOOR

Acknowledgement Of
Plans Submittal ONLY!
Date 5/2/14
Date 5.2.14

SQUARE FOOTAGE

NOVEMBER 4, 2013

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SECOND FLOOR HEATED	1,540
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COVERED VERANDA	360
LOWER COVERED VERANDA	340
UPPER COVERED VERANDA	376
STORAGE / MECHANICAL	124
SAFE ROOM	100
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TOTAL UNDER ROOF	8,220

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CHIMNEY CHASE FRAMING (TYP.)

- 2x4 @ 12" o.c. -or- 2x6 @ 16" o.c. -or- (2)-2x4 @ 16" o.c. BALLOON FRAMED FROM ATTIC CEILING OR FLOOR
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5. ALL ANGLES ARE 45° (U.N.O.)
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SECOND FLOOR PLAN

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

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD.

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THE MYERS RESIDENCE
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