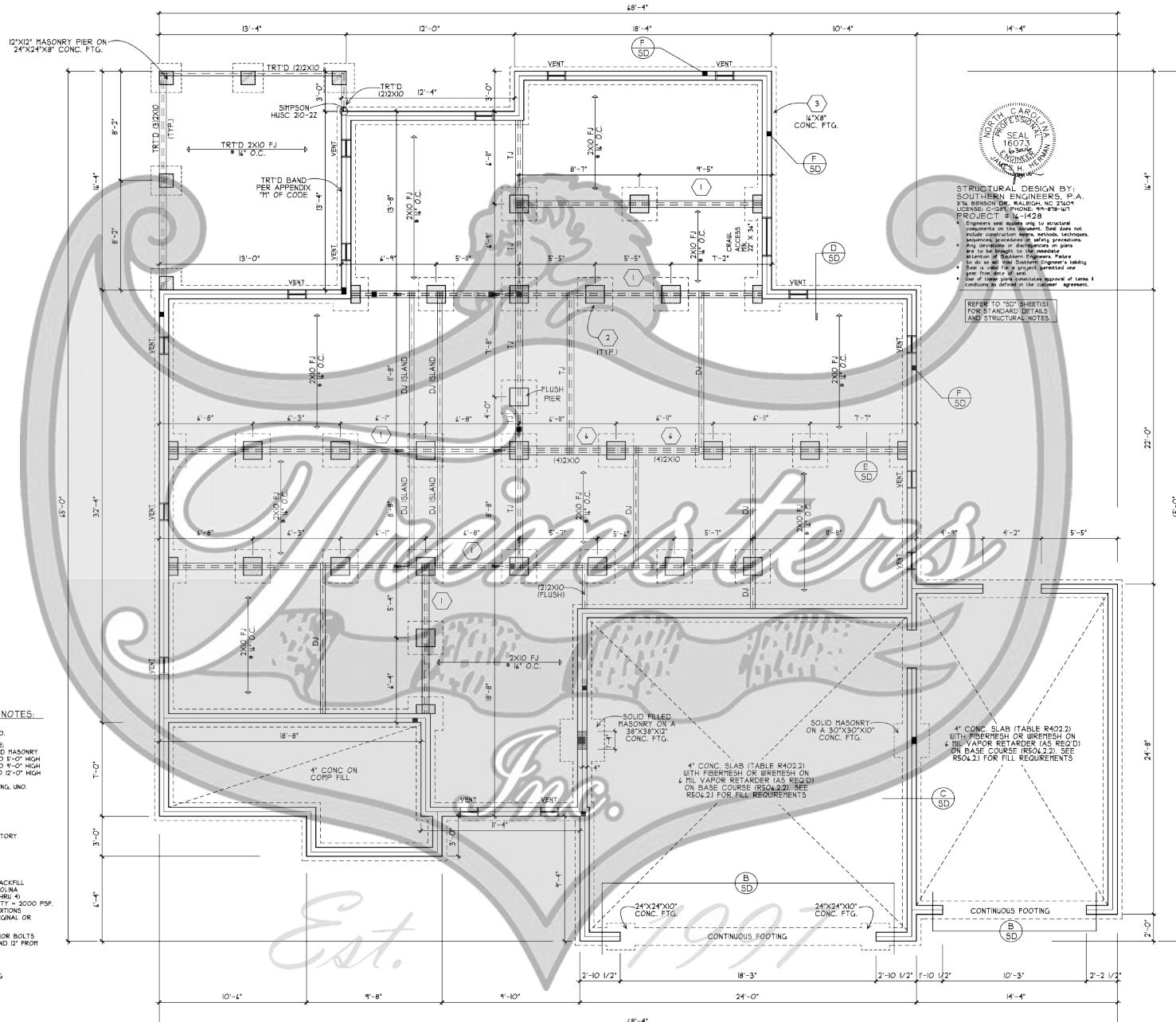




ANY DEVIATION OF THE PLANS DIMENSIONS, INC IS NOT PERMITTED		THE PLANS ARE DRAWN IN ACCORDANCE WITH THE 2006 INTERNATIONAL BUILDING CODE, 2006 EDITION	
DATE: 04/23/14			
FILE: 042816			
H SQUARED HOME DESIGN, INC.		Est. 1997	
HEATHER HALL 365 HEATHERSTONE CT BENSON NC 27504 (919) 207-1403	SQUARE FOOTAGE FIRST FLOOR UNF. REC ROOM PORCHES GARAGE	#2108	HEATED FOOTAGE = 2108 = 436 = 356 = 927



THE STATHOS
TRIMSTERS INC.

FOUNDATION PLAN		HEATED FOOTAGE	UNHEATED FOOTAGE
		#2108	#2108
HEATHER HALL	SQUARE FOOTAGE	= 2018	= 496
185 HEATHERSTONE CT	UNF. REC. ROOM	= 355	= 927
BENSON NC 27504	PORCHES		
(919) 207-1403	GARAGE		

ANY DEVIATION OF THIS PLAN DIMENSIONS
IS NOT DRAWN TO SCALE.
THIS PLAN IS THE PROPERTY OF
THE STATE OF NORTH CAROLINA
AND IS THE PROPERTY OF
THE STATE OF NORTH CAROLINA
BUILDING CODES 2012 EDITION

DATE: 06/23/16
I STORY
FILE: 042816



MIN. 4X6 TRID POST OR EQUIV. (TYP.)
ATTACH RAFTERS & FORCH W/ HURRICANE CONNECTORS (SIMPSON H25
OR EQUIV.). ATTACH HEADER TO
POST AND POST TO BASE / A POST
CAP, METAL STRAPS, BRACKET(S)
AND/OR POST BASE.

STRUCTURAL DESIGN BY:
SOUTHERN ENGINEERS, P.A.
310 BISHOP DR, RALEIGH NC 27607
DESIGNER: JAMES H. HARRIS, PE #18-411

PROJECT #: 04281

- * Engineers and applies only to structures complete with plans, details, drawings and not subject to construction terms, methods, techniques, equipment or materials used by others.
- * Any deviations or discrepancies on plans and/or drawings must be approved in writing by extension of Southern Engineers, P.A. or James H. Harris, PE, before any changes are made.
- * Seal is valid for one year from the date it is issued.
- * Use of these plans constitutes approval of terms & conditions to which the original agreement.

REFER TO "SD" SHEET(S)
FOR STANDARD DETAILS
AND STRUCTURAL NOTES.

BALLOON FRAME WALL: # 2x4 STUDS # 2x4 OC
ATTACH RAFTERS TO TOP OF STUDS AND
NOTCH PLATES WITH SIMPSON LNSG CLIP
ANGLES. INSTALL MIN. (2)2x6 HEADERS BETWEEN
UPPER FLOOR LEVELS. ATTACH RAFTERS TO
CONTINUOUS STUD COLUMNS WITH SIMPSON HHH
HEADER HANGERS OR (2) SIMPSON LTP4 FRAMING
ANCHORS. ATTACH RAFTERS TO STUD COLUMNS
WITH SIMPSON HHH HANGER OR (2) SIMPSON
H25 HANGER. (2) SIMPSON HHH HANGER
MAY BE INSTALLED IN LIEU OF HEADER HANGERS.

A
NOTE: TO ENSURE PLUMB WALL
ALIGNMENT, DO NOT PERPENDICULARLY
ATTACH RAFTERS UNTIL ROOF SHEATHING HAS BEEN
ATTACHED. RAFTERS ARE TO BE ATTACHED
TO CONTINUOUS RAFTER ATTACHMENT AND WALL
BRACING AS REQUIRED.

**WHOLE HOUSE
BRACING SUMMARY**
TOTAL REQUIRED BRACING: 44
TOTAL PROVIDED BRACING: 43
(IN FEET)

HEADER AND COLUMN NOTES

1. ALL EXTERIOR AND LOAD
BEARING HEADERS SHALL BE MIN.
2x6 OC. SUPPORTED AND
2 KING STUD UNTIL NOTED
OTHERWISE.
2. THE NUMBER SHOWN AT BEAM AND
HEADER SUPPORTS INDICATES THE
NUMBER OF SUPPORT STUDS
REQUIRED IN STUD POCKET OR
COLUMN.

WALL BRACING NOTES: (100 MPH)
1. WALL BRACING ANALYSIS BASED ON R402.10
CROSS SECTION R402.10.3 FOR 100 MPH RESIDENTIAL
CODE (FINAL 03-04-2010, EFFECTIVE SEPTEMBER
1, 2013).

2. PROVIDED THAT THE WALL BRACING AMOUNT
PROVIDED IN THE PLAN (DETAILS AND
SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF
WALL BRACING PROVIDED IN THE CODE, SEE NOTES
BELLOW FOR DETAILS AND SPECIFICATIONS FOR WALL
BRACING.

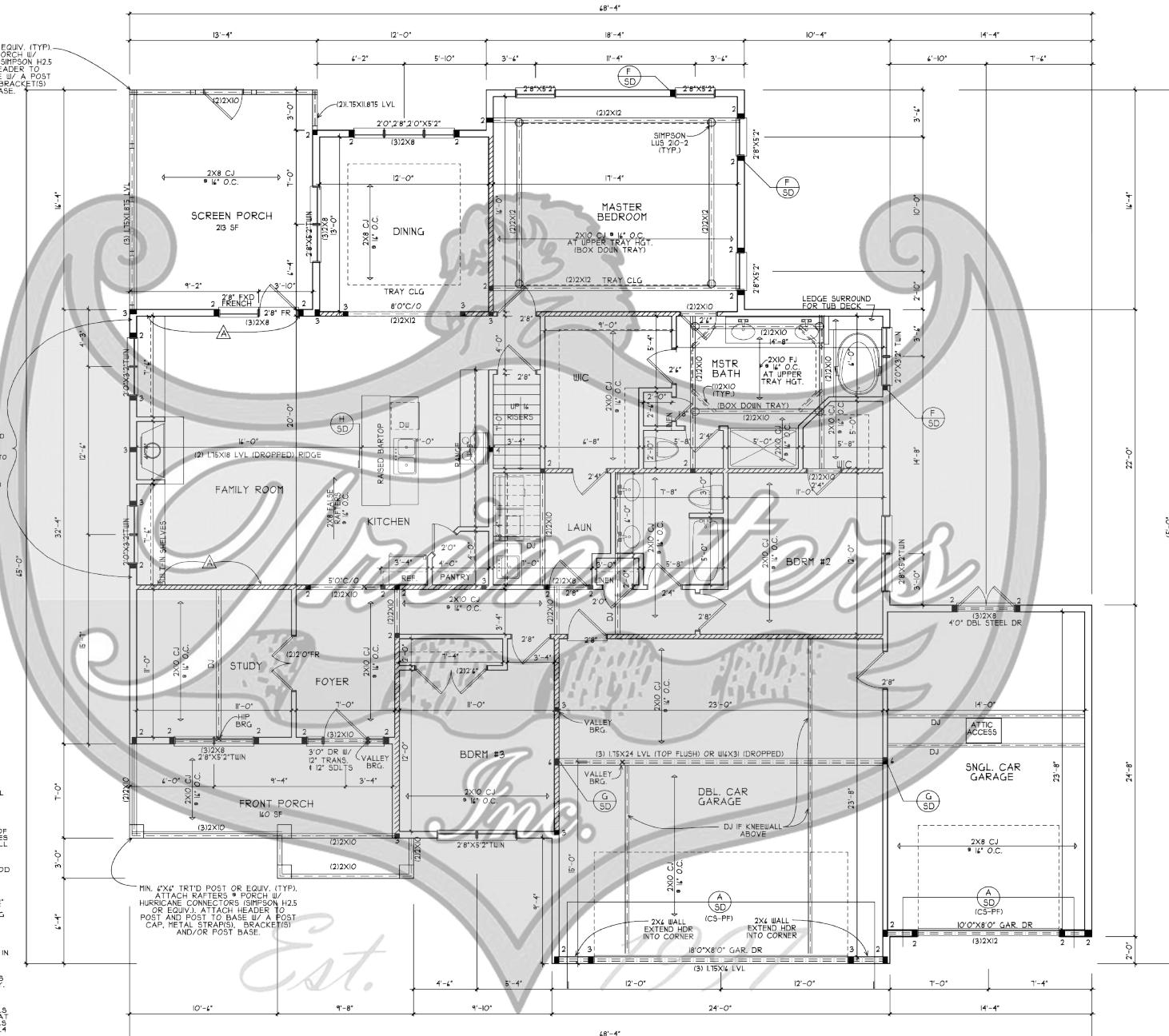
3. BRACING METHOD AND TYPE: CONTINUOUS
SHEATHING PER SECTION R402.10.3 USING USP (WOOD
STRUCTURAL PANEL SHEATHING).

4. EXTERIOR WALL SHEATHING, SHEATH EXTERIOR
WALLS AND ATTACH RAFTERS TO EXTERIOR WALL
SHEATHING AND ATTACH WITH 8d NAILS AT A 4 $\frac{1}{2}$ "
NAILING SIGHT. ATTACH PANEL EDGES AND
ONE INTERMEDIATE SUPPORT BY LOCKING
AT ALL PANEL EDGES. (USP SHEATHING SHALL
NOT BE USED AS AN INTERMEDIATE SUPPORT BEARING PLATE).
BLOCK AT ROOF PER R402.10.5.5.

5. MINIMUM WALL LENGTHS ARE BASED ON TABLE
SECTION R402.10.3.

6. HOL-DOWN DEVICE (NOTED AS "HD" ON PLANS)
SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS
NOTED ON PLANS. SEE DETAILS FOR ASSEMBLY.

7. INTERIOR BRACED WALL (NOTED AS "IB" ON
PLANS) ATTACH 1/2" GYPSUM BOARD (LUD) ON
EACH SIDE OF WALL WITH 10 OZ. OF 8d COILER NAILS
OR EQUIVALENT. ATTACH TO ALONG WALL AND AT
INTERMEDIATE SUPPORTS. INTERIOR BRACED WALLS
SHALL NOT BE USED AS AN INTERMEDIATE SUPPORT. FIGURE
AND FIGURES CR402.10.5.4(1) AND CR402.10.5.4(2).



**THE STATHOS
TRIMSTERS INC.**

#2108
#2108

HEATED FOOTAGE
= 2018
UNF. REC ROOM
= 436
PORCHES
= 355
GARAGE
= 927

SQUARE FOOTAGE
ATTIC
FIRST FL. 909
UNF. REC ROOM
919-207-HG3
BENSON NC 27504
HEATHER HALL
ATTIC ACCESS
SNGL. CAR GARAGE

H SQUARED
HOME
DESIGN, INC.

ANY DEVIATION OF THIS PLANS AND SQUARED HOME DESIGN,
INC. IS NOT LEGAL.

THIS PLANS ARE FOR
CONSTRUCTION USE ONLY.
DO NOT USE FOR BUILDING
CODES.

DATE:
06/23/16

I STORY

FILE:
042816

#2X4 EXTERIOR WALLS
FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"



STRUCTURAL DESIGN BY:
SOUTHERN ENGINEERS, P.A.
3116 BENSON DR., RALEIGH, NC 27609
LICENSE: C-1281, PHONE: 919-876-1411
PROJECT # 16-1428

- * Engineers seal applies only to structural components on the document. Seal does not apply to other parts of the document.

components on this document. Seal does not include construction means, methods, techniques,

- * Any changes in plans, drawings, sequences, procedures or safety precautions, deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do so will void Southern Engineer's liability.
 - * Seal is valid for a project permitted one year from date of seal.
 - * Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

REFER TO "SD" SHEET(S)
FOR STANDARD DETAILS
AND STRUCTURAL NOTES.

HEADER AND COLUMN NOTES

- HEADER AND COLUMN NOTES**

1. ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN.
(1) 2X4 WITH (1) SUPPORT STUD AND
(1) KING STUD, UNLESS NOTED
OTHERWISE.

2. THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET OR COLUMN.

WALL BRACING NOTES: (100 MPH)

- WALL BRACING RULES FOR NC RESIDENTIAL
I. WALL BRACING ANALYSIS BASED ON R402.10 -
CODE AND COMMENTARY FOR 2012 NC RESIDENTIAL
CODE (FINAL 03-06-2013; EFFECTIVE DATE
SEPTEMBER 1, 2013).

2. NOTE THAT THE WALL BRACING AMOUNT PROVIDED ON THE PLAN (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING.

3. BRACING METHOD AND TYPE: CONTINUOUS SHEATHING PER SECTION R402.10.3 USING WSP (WOOD STRUCTURAL PANEL SHEATHING).

4. EXTERIOR WALL SHEATHING: SHEATH EXTERIOR WALLS WITH $\frac{1}{4}$ " WSP (WOOD STRUCTURAL PANEL) SHEATHING AND ATTACH WITH 6.4 Nails AT A 4" O.C.

- SHEATHING AND ATTACH WITH 8d NAILS AT A 6" /12" NAILING PATTERN 16" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. (WSP SHEATHING SHALL

5. MINIMUM WALL LENGTHS ARE BASED ON TABLE R602.10.1 AND ARE TO BE LOCATED AS SPECIFIED IN THE PLANS.

6. HOL-DOWN DEVICE (NOTED AS "HD" ON PLANS)
SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS

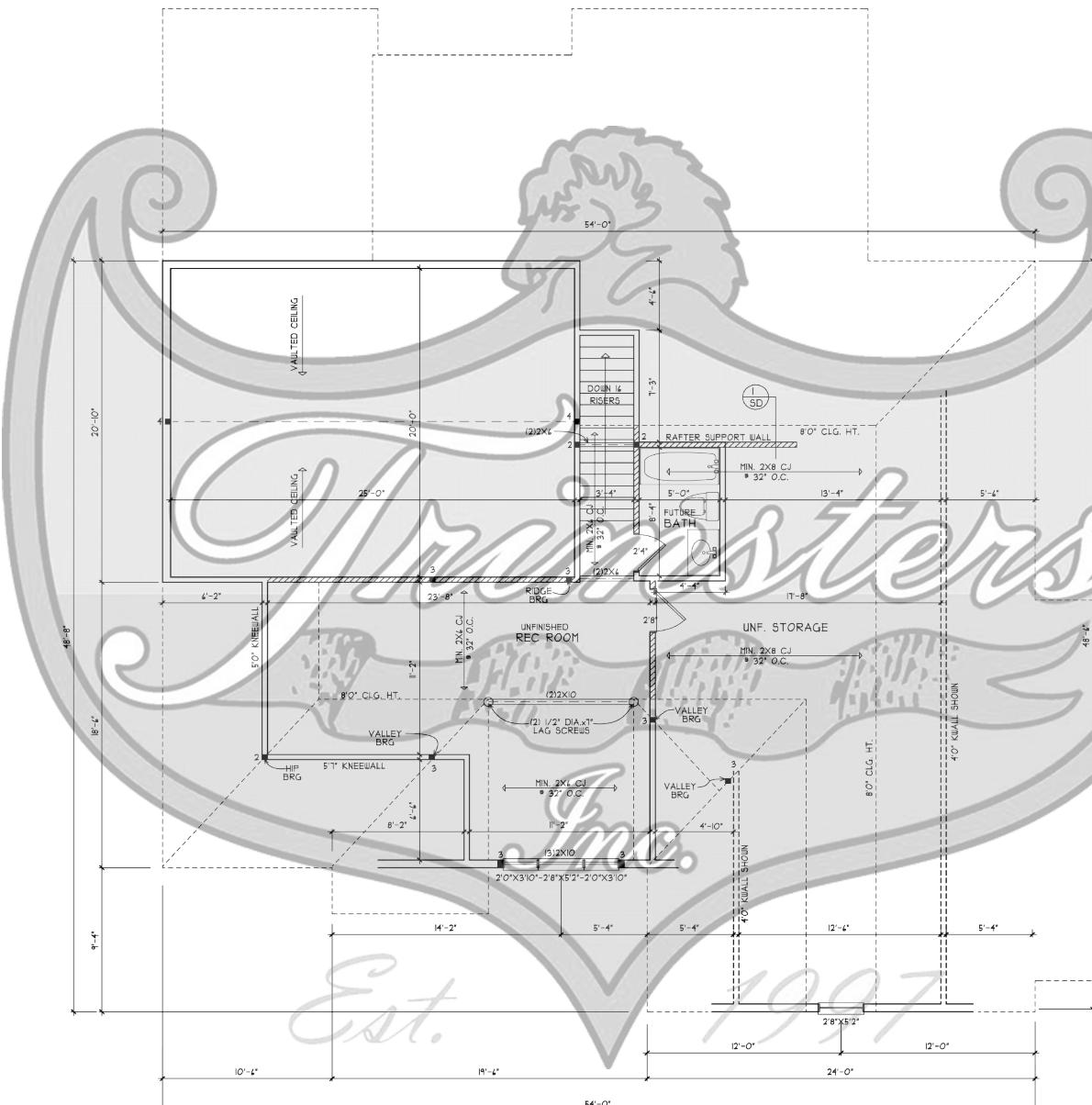
- SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS
NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.

1. INTERIOR BRACED WALL: (NOTED AS "IBW" ON
PLANS) ATTACH 1/2" GYPSUM BOARD (U.N.O.) ON
EACH SIDE OF WALL WITH A MIN. OF 5d COLER NAILS
OR #6 SCREWS. T.O.C. ALONG THE EDGES AND AT
INTERMEDIATE SUPPORTS. INTERIOR BRACED WALLS

HEATED FOOTAGE
#210
2108
436
356
927

SQUARE FOOTAGE: FIRST FLOOR
LINE REC ROOM
PORCHES
GARAGE

HEATHER HALL
5 HEATHERSTON CT
MURKINSON NC 27504
(919) 207-1403



SECOND FLOOR PLAN

SCALE 1/4" = 1'

ACON
DATE:
06/23/16

1 STORY

FILE:
042816



STRUCTURAL DESIGN BY:
SOUTHERN ENGINEERS, P.A.
314 HENSON DR, RALEIGH, NC 27604
LICENSE #10000000000000000000000000000000
PROJECT # 14-1428

- * Engineers and opinion only to structural components of roof system. Seal does not include construction notes, methods, techniques, recommendations or other information.
- * Any deviation or discrepancies on plans and/or drawings must be referred to the attention of Southern Engineers. Failure to do so will void the structural seal and liability of Southern Engineers. Please do not photocopy or otherwise reproduce the seal.
- * Seal is valid for a project permitted one year from date of issue. Seal is not valid beyond one year from date of issue.
- * Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

REFER TO "SD" SHEET(S)
FOR STANDARD DETAILS
AND STRUCTURAL NOTES.

THE STATHOS
TRIMSTERS INC.

#2108
HEATED POSTAGE

SQUARE FOOTAGE

FIRST FLOOR

UNF. REC ROOM

PORCHES

GARAGE

= 2098

= 436

= 355

= 927

HEATHER HALL
365+HEATHERSTONE CT
BENSON NC 27504
(919) 267-4403



ANY DEVIATION OR THIS PLAN, DIMENSIONS,
NOTES, ETC., NOT LISTED
IN THE PLAN HAS BEEN APPROVED
BY THE ARCHITECTURE DIVISION
BUILDING CODES 2012 EDITION

DATE:
04/23/14

I STORY
FILE:
042816



ROOF PLAN
SCALE 1/4" = 1'-0"

