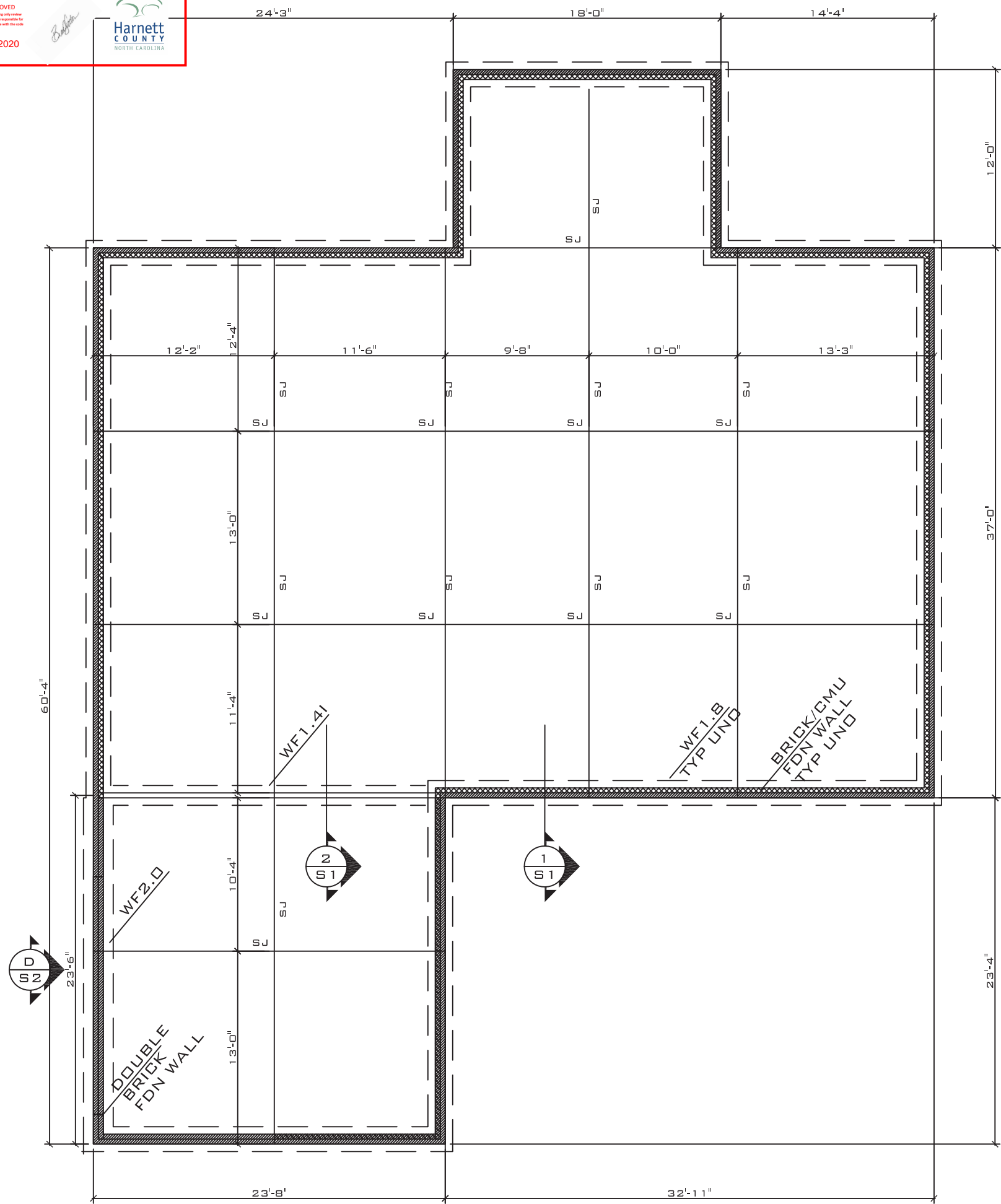


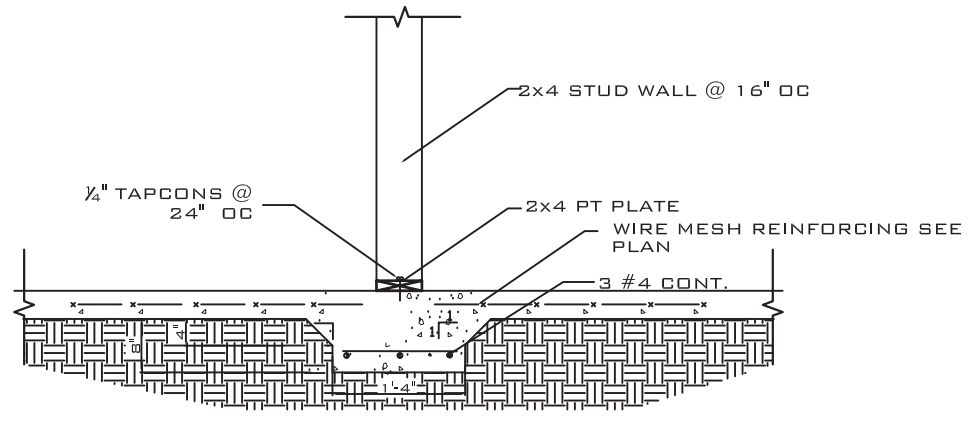
NOTICE TO CONTRACTOR
 All construction shall comply with current NC Building Codes and is subject to field inspection and verification.
 APPROVED
 Licensed Building Official
 Permit holder responsible for field compliance with this code.
 06/25/2020
 Harnett County
 NORTH CAROLINA



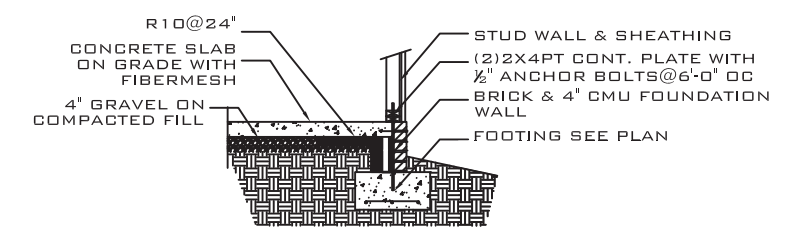
FOUNDATION PLAN

SCALE: $\frac{1}{8}'' = 1'-0''$

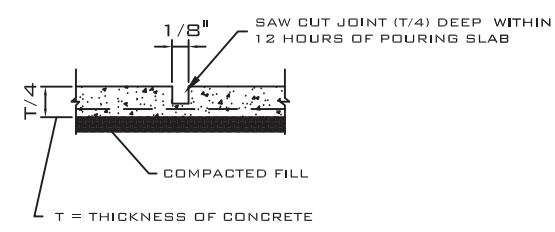
- NOTE:
1. FLOOR LIVE LOAD 40 PSF
 2. ROOF LIVE LOAD 20 PSF
 3. WF1.8 - 1'-8" WX 10" D CONT. WALL FOOTING W/ 3 #4 OR 2 #5 CONT. WF1.4I - 1'-4" WX 12" D INTERIOR CONT. WALL FOOTING W/ 3 #4 OR 2 #5 CONT. WF2.0 - 24" WX 10" D W 3 #4 CONT.
 4. CONCRETE: $f'_c = 3000$ PSI
 5. SLAB ON GRADE: CONCRETE W/ FIBERMESH REINFORCING OR 6X6/W1.4XW1.4 WIRE OVER 6 MIL VAPOR BARRIER COMPACTED FILL
 6. ASSUMED SOIL BEARING: 2000 PSF



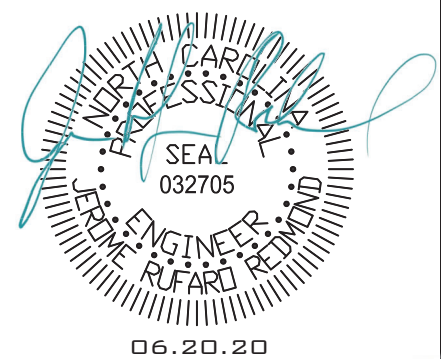
2 W1.4I - INTERIOR THICKENED SLAB
 SCALE: NTS



1 TYPICAL FOUNDATION SECTION
 SCALE: NTS



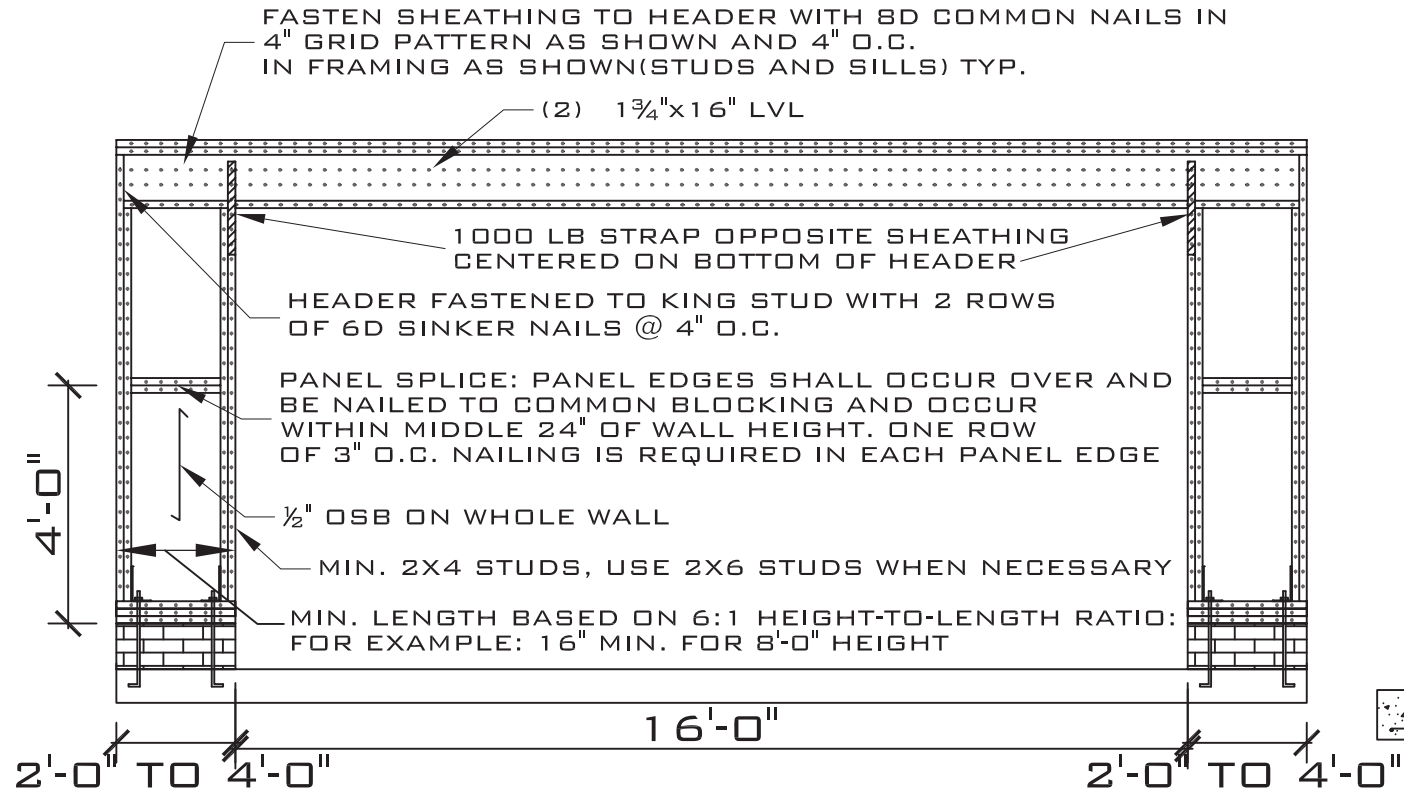
3 SAW-CUT DETAIL
 NOT TO SCALE



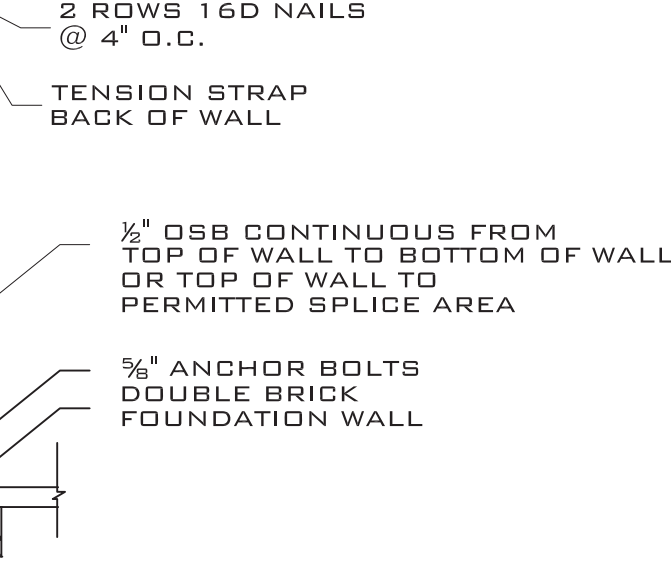
PROJECT NO: IN020178
 DATE: 06.19.20 REV:
 SCALE: AS SHOWN
 DRAWN BY: JRR
 CHECKED BY: JRR

PROJECT:
 THE DAWSON PLAN
 NCR 140 MPH
 THE FISHER BUILDING
 GROUP, INC.

JEROME RUFARO REDMOND, PE
 STRUCTURAL ENGINEER
 8209A MARKET ST, STE, 222
 WILMINGTON, NC 28411
 T: 910.915.6529
 E: JREDNC5@YAHOO.COM



SIDE ELEVATION



GARAGE PORTAL FRAME DETAIL

NOTE: FOR WIND SPEED OF 110 MPH OR LESS
NAIL SPACING CAN BE INCREASED TO 6" OC

GENERAL NOTES:

GENERAL: ALL NOTES ARE FOR SUPPLEMENTING THE PLANS AND SPECIFICATIONS AND ARE IN NO WAY TO BE CONSIDERED AS EXCLUDING ANY ITEM IN THEM.

CONTRACTOR TO OBTAIN ALL MISC. UTILITIES AND UTILITY CLEARANCES AND EXCAVATION PERMITS.

CODE: DESIGN AND CONSTRUCTION TO BE IN ACCORD WITH THE 2018 NC RESIDENTIAL CODE (NRC) AND THE PARTICULAR CODES AS REFERENCED IN NRC.

DESIGN CRITERIA:
FLOOR LIVE: 40 PSF
ROOF LIVE: 20 PSF
CEILING LIVE: 10 PSF
WIND SPEED: 140 MPH

FOUNDATION:
MATERIAL SATISFACTORY FOR CONTROLLED FILL AND BACKFILL MATERIAL AROUND AND ABOVE FOOTINGS SHALL INCLUDE CLEAN SOIL OR BANKRUN SAND AND GRAVEL (GW, GC, SC, SM, ML & CL), BUT EXCLUDE HIGHLY PLASTIC CLAYS (MH & CH) OR HIGH SHRINK SWELL SOILS. THE FILL MATERIALS SHALL BE FREE FROM TOPSOIL, ORGANIC CONTAMINATED SOIL AND ROCK FRAGMENTS HAVING A MAJOR DIMENSION GREATER THAN FOUR (4) INCHES, AND SHALL CONTAIN NO ICE OR SNOW.

FOOTINGS ARE DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2000 PSF.

CARE SHOULD BE TAKEN TO ASSURE THAT DURING PLACING OF CONCRETE FOOTINGS ON GRADE NO ORGANIC MATTER, SALTS, OR CLAYS ARE MIXED WITH THE CONCRETE.

CONCRETE: REINFORCED CONCRETE TO HAVE THE FOLLOWING COMPRESSIVE STRENGTH (F'c): 3000 PSI

EXPOSED CONCRETE SHALL BE AIR-ENTRAINED.

REINFORCING STEEL: ASTM A615 GRADE 60.

REINFORCING STEEL MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 48 X BAR DIAMETER AT SPLICES. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN PLACE TO PREVENT DISLOCATION DURING THE POURING OPERATION.

EXCEPT AS OTHERWISE SHOWN, MINIMUM PROTECTION (CONCRETE COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

CONCRETE SURFACES EXPOSED TO SOIL:
1 1/2" FOR SLABS
3" FOR FOOTINGS

INTERIOR CONCRETE SURFACES:
3/4" FOR SLABS

CONCRETE SURFACES EXPOSED TO WEATHER:
1 1/2" FOR SLABS

WOOD: ALL WOOD TO BE SPRUCE PINE FIR (SPF) NO. 2 OR HIGHER. ALL FASTENERS AND HANGERS TO BE HOT DIPPED GALVANIZED (AT A MINIMUM). PRESERVATIVE PRESURE TREATMENT TO BE IN ACCORDANCE WITH AWPA STANDARD M4-06 & U1-07. MINIMUM PRESERVATION TREATMENTS:

POSTS: UC4A
ALL OTHER WOOD MEMBERS: UC3B

LVL SPECS: Fb=2900 PSI Fv=285 PSI E=1,900,000 PSI

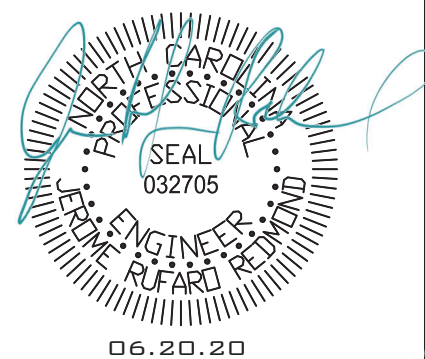
APPROVED FOR CONSTRUCTION BY:
JEROME RUFARO REDMOND, PE
STRUCTURAL ENGINEER
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WILMINGTON, NC 28411
T: 910.915.6529
E: JREDNC5@YAHOO.COM

SHEET NO:
52

PROJECT NO: IN020178
DATE: 06.19.20 REV:
SCALE: AS SHOWN
DRAWN BY: JRR
CHECKED BY: JRR

PROJECT:
THE DAWSON PLAN
NRC 140 MPH
THE FISHER BUILDING
GROUP, INC.

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Cell: 910-443-7605
rob@robgrissom.com
www.robgrissom.com

Project: EASTERN NC HOME BUILDERS
Address: HAMPSTEAD, NC
Project Location: _____
Subdivision: _____
Lot: _____
Section: DAN CHENS TRACT
County: PENDER

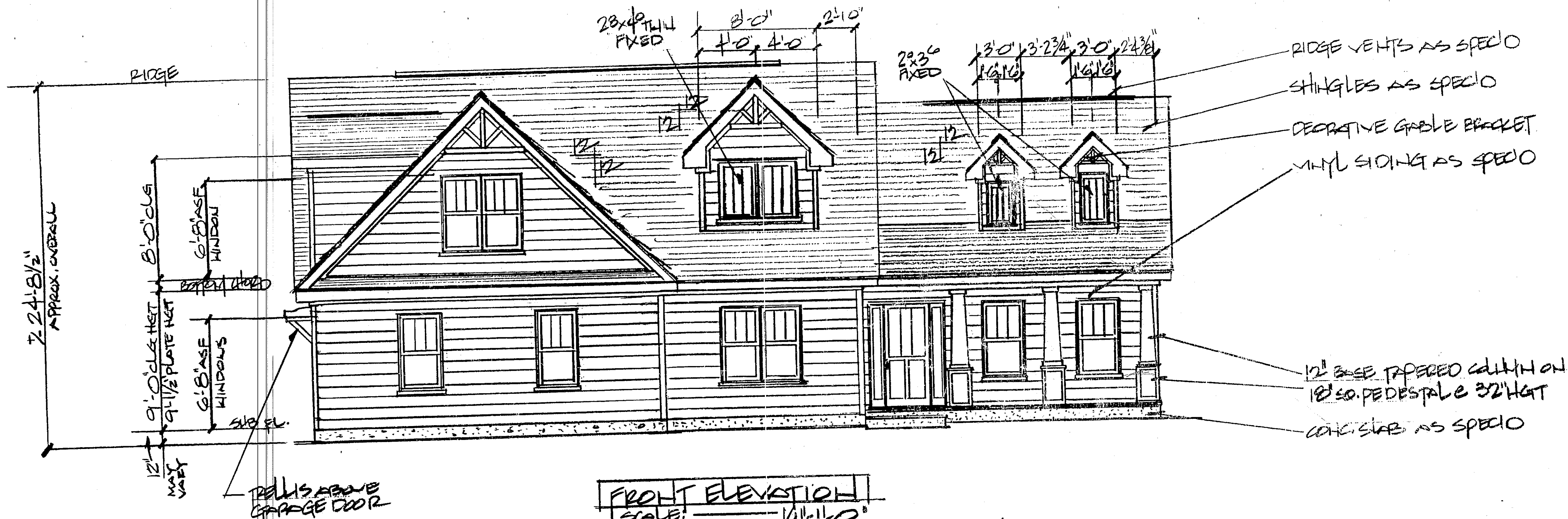
Contractor shall verify all conditions and dimensions prior to construction. Any error or omissions shall be reported to designer for correction or justification. Once construction has commenced, the contractor shall assume all responsibility. Dimensions govern over scale. Codes govern over dimensions.

Plan: RG-A2470-2
Sheet: A-1
Date: 12-7-16
Drawn by: RLG

ALL STRUCTURAL SYSTEMS AND COMPONENTS INCLUDING ROOF SYSTEM, BEAMS, HEADERS, COLUMNS, CANTILEVERS AND OFFSET LOAD BEARING WALLS TO BE SIZED AND SEALED BY A STRUCTURAL ENGINEER AND / OR SUPPLIER.

The drawings and specifications are offered to named client for a conditional one time use. The use is limited to the lot and subdivision specified herein, and only for said location. Contact designer for re-use requirements.

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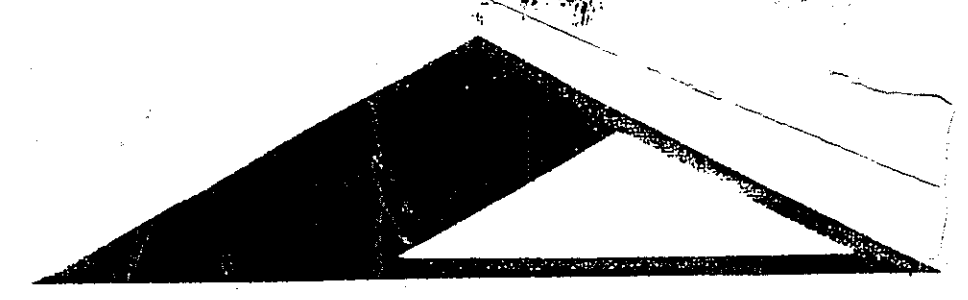
FRONT ELEVATION
SCALE: 1/4"=1'-0"

- NOTES:
- SEE SHEET C00B-1 FOR ATTIC VENTILATION PERIOD, V-CAPPING DESIGN VALUES, MEAN ROOF HEIGHT CALC & FOOTING NOTES
 - SEE SHEET D-1 FOR WALL SECTION DETAILS

THIS PLAN CONFORMS TO THE 2012 EDITION OF THE ICC/ NORTH CAROLINA RESIDENTIAL BUILDING CODE



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



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HOME DESIGNS

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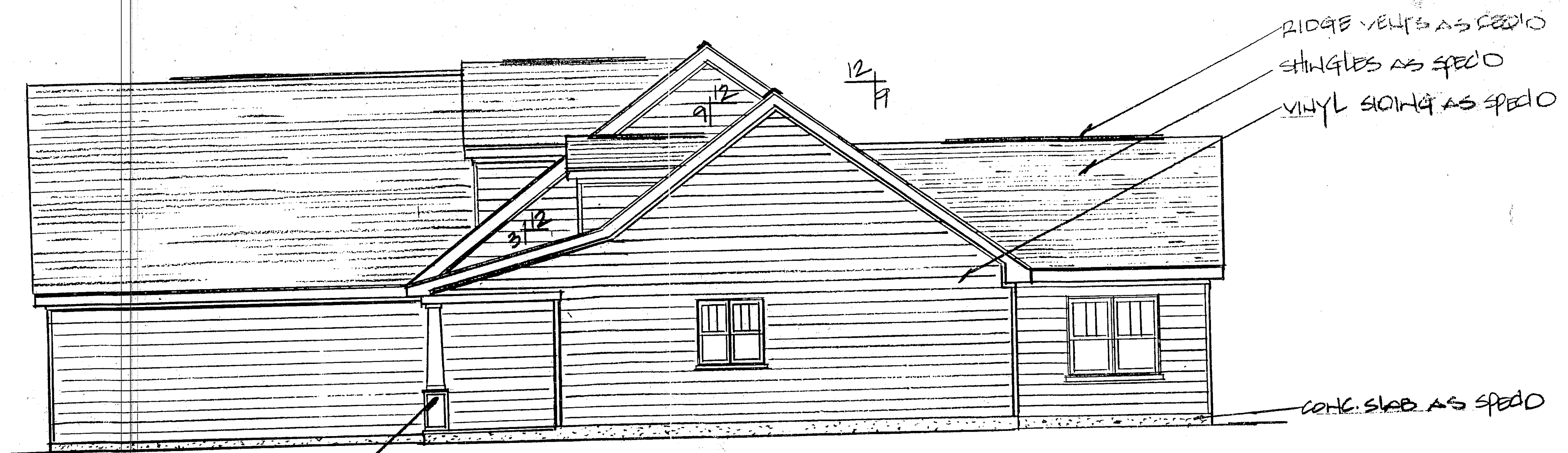
Project: EASTERN NC HOME BUILDERS
Address: HAMPSTEAD, NC
Project Location: _____
Subdivision: _____
Lot: _____
Section: DON OWENS TRACT
County: PENDER

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Plan: RG-A2470-2
Sheet: A-2
Date: 12.7.16
Drawn by: RLG

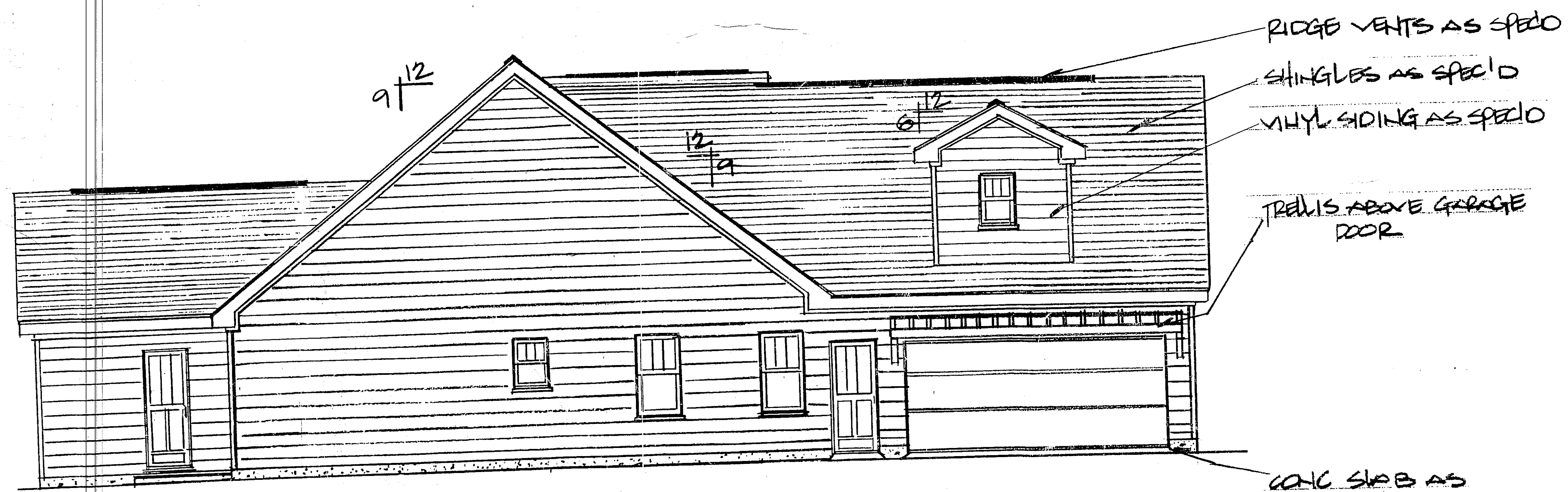
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12" BASE TAPERED COLUMNS
ON 18" SQ. PEDESTAL
c. 32" HGT.

RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"



LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"

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Project: EASTERN NC HOME BUILDERS
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 Project Location: _____
 Subdivision: _____
 Lot: _____
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 County: PENDER

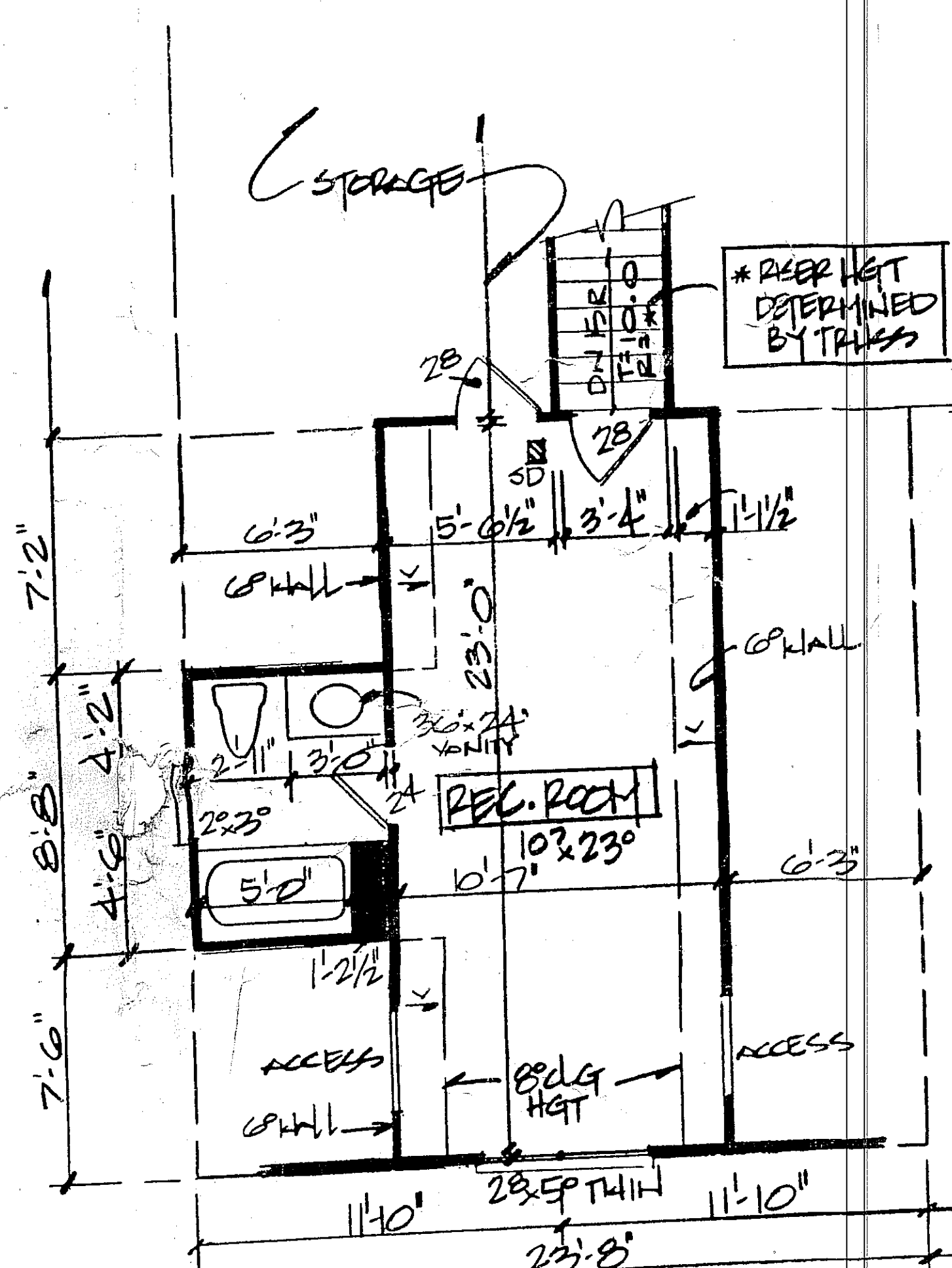
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Plan: RG-A2470-2
 Sheet: A-3
 Date: 12.7.16
 Drawn by: PLG

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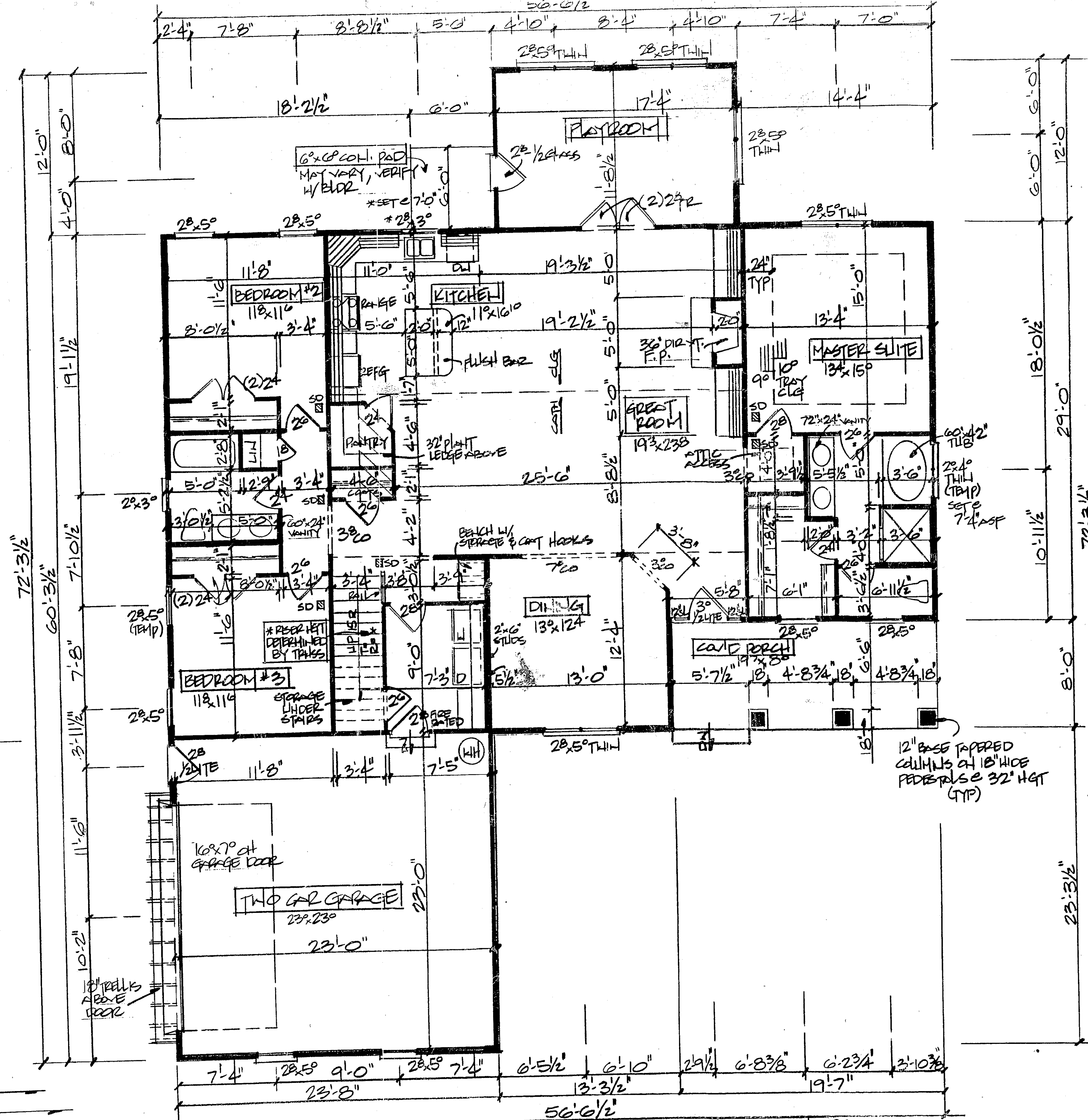
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- NOTES:
- 1) VALUED TO 8'-0" CGT HGT
 - 2) SET WINDOW CG-8" ASF
 - 3) DIMENSIONS ARE TO FRAMING & CENTER OF WINDOW
 - 4) EXTERIOR WALLS FIG. 2 4" WIDTHS INCL. SHEATHING. INTERIOR WALL WIDTH FIG 2 3/2"
 - 5) SLD = SMOKE DETECTOR - ELECTRICAL BY EUDR
 - 6) VERIFY EGRESS, DOOR SIZES & ROUGH OPENING REQ'D W/ MANUF.



SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

318 HEATED SQ. FT.



FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"

2152 HEATED SPACE
 552 SQ. FT. GARAGE
 157 SQ. FT. COVD PORCH
 * 30 SQ. FT. CONC. PAD

- NOTES:
- 1) 9'-0" CGT HGT - 9'-1/2" PLATE HGT (UNO)
 - 2) SET WINDOWS @ 6'-8" ASF - (ABOVE 2) @ 4"
 - 3) DIMENSIONS ARE TO FRAMING & CENTER OF WINDOW
 - 4) EXTERIOR WALL WIDTHS ARE FIGURED INCLUDING 4" WALLS
- UNLESS NOTED OTHERWISE SUB-FLOOR)
 R OF WINDOWS/DOORS
- These drawings and specifications are the sole property of Rob Grissom Home Designs.



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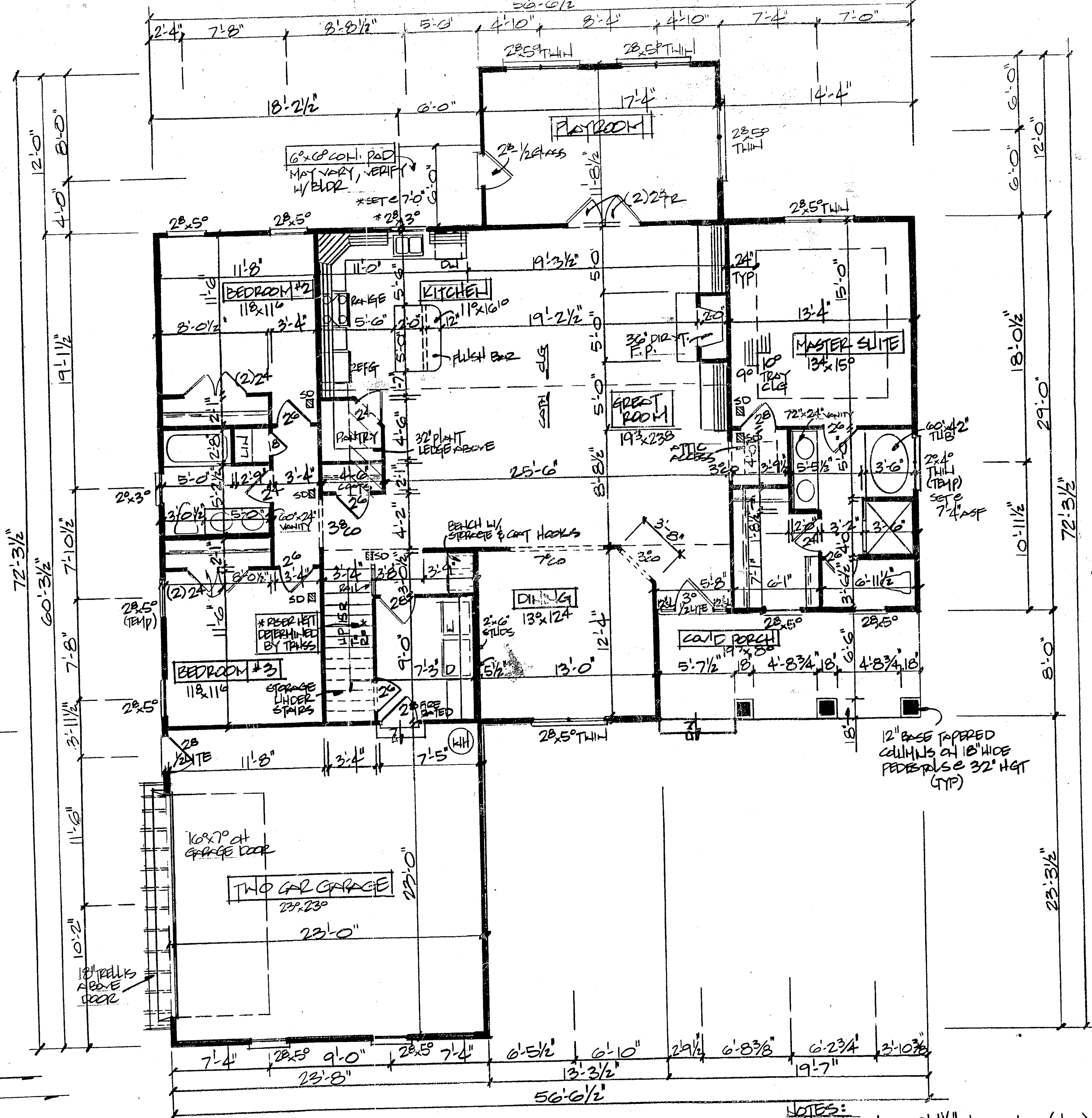
Project: EASTERN NC HOME BUILDERS
 Address: HAMPSTEAD, NC
 Project Location: _____
 Subdivision: _____
 Lot: _____
 Section: DON OWENS TRACT
 County: PERDUE

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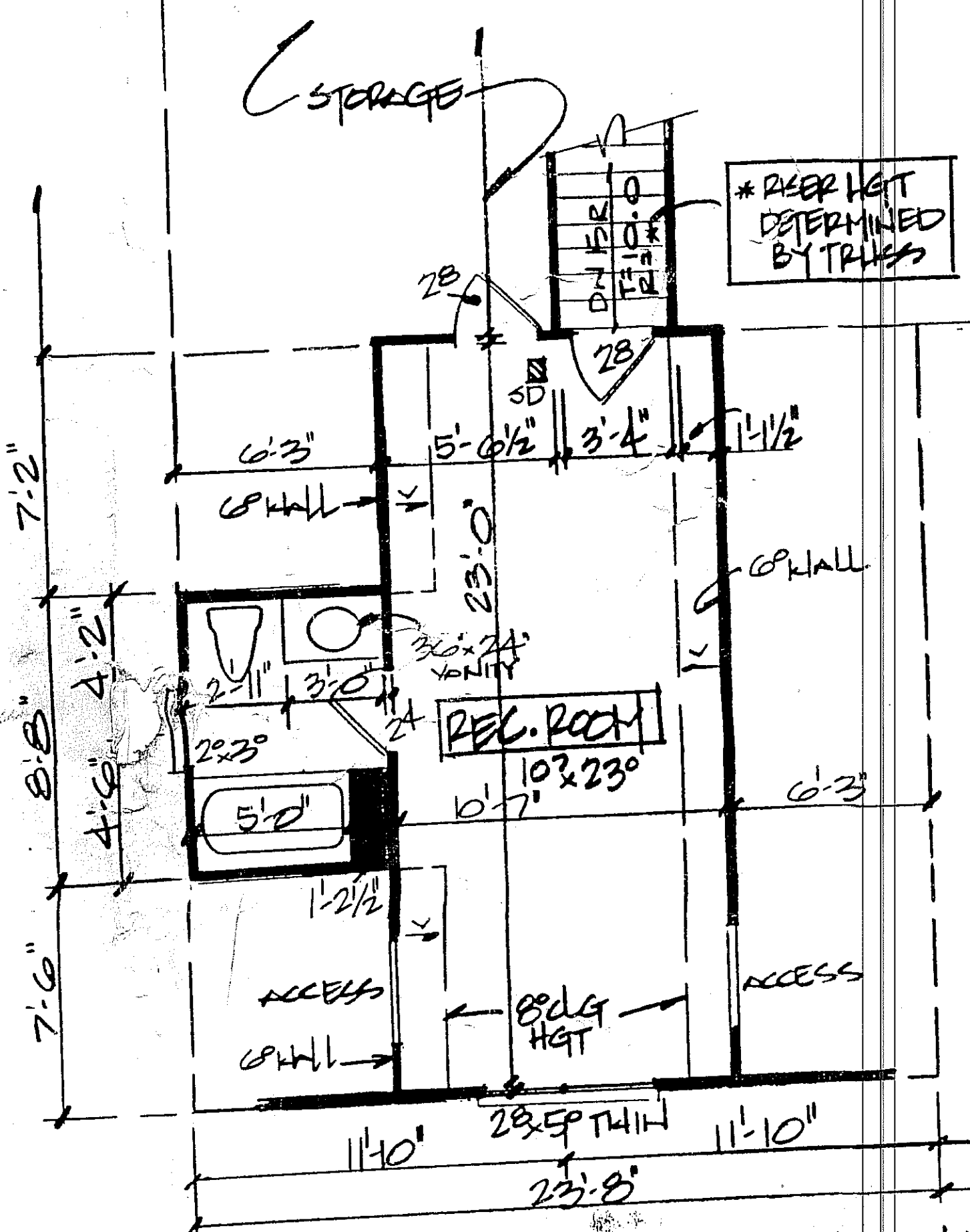
Plan: PG-A2470-2
 Sheet: A-3
 Date: 12.7.16
 Drawn by: RLG

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- NOTES:**
- 1) VALUED TO 8'-0" D.G. HGT
 - 2) SET WINDOW @ 6'-8" ASF
 - 3) DIMENSIONS ARE TO FRAMING & CENTER OF WINDOW
 - 4) EXTERIOR WALLS FIG. @ 4" WIDTHS-INC. SHEATHING. INTERIOR WALL WIDTH FIG @ 3 1/2"
 - 5) S.D. = SMOKE DETECTOR; ELECTRICAL BY BLDR
 - 6) VERIFY EGRESS, DR. RATING & ROUGH OPENG REQ'D W/MANUF.



SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

318 HEATED SQ. FT.

2152 HEATED SQ. FT.
 552 SQ. FT. GARAGE
 157 SQ. FT. COVD PORCH
 * 30 SQ. FT. COIL PAD
 *MAY VARY, VERIFY W/BLDR.

FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"

- NOTES:**
- 1) 9'-0" D.G. HGT. 9'-1 1/2" PLATE HGT (LINO) UNLESS NOTED OTHERWISE
 - 2) SET WINDOWS @ 6'-8" ASF - (ABOVE SUB-FLOOR)
 - 3) DIMENSIONS ARE TO FRAMING & CENTER OF WINDOWS/DOORS
 - 4) EXTERIOR WALL WIDTHS ARE FIGURED @ 4" INCLUDING SHEATHING. INTERIOR 2x4 WALLS FIG. @ 3 1/2" WIDTHS, 2x6 INTERIOR WALLS FIG @ 5 1/2" WIDTH
 - 5) S.D. = SMOKE DETECTOR; ELECT. BY BLDR
 - 6) VERIFY EGRESS, DR. RATING & ROUGH OPENG REQ'D W/MANUF.

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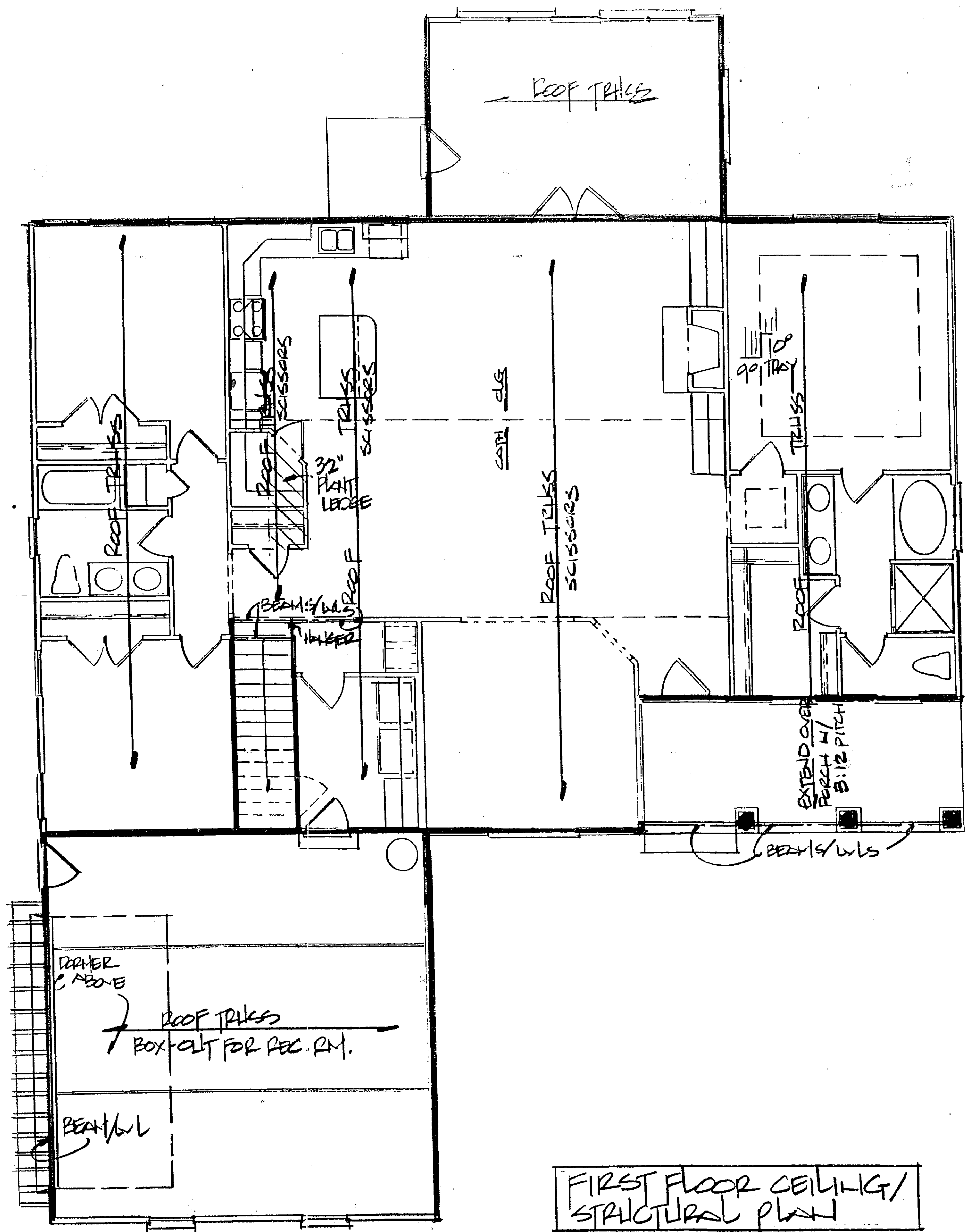
Project: EASTERN NC HOME BUILDERS
 Address: HAMPSTEAD, NC
 Project Location: _____
 Subdivision: _____
 Lot: _____
 Section: DAN OWENS TRACT
 County: FENDER

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Plan: R9-A2470-2
 Sheet: 5-2
 Date: 12.7.16
 Drawn by: PLG

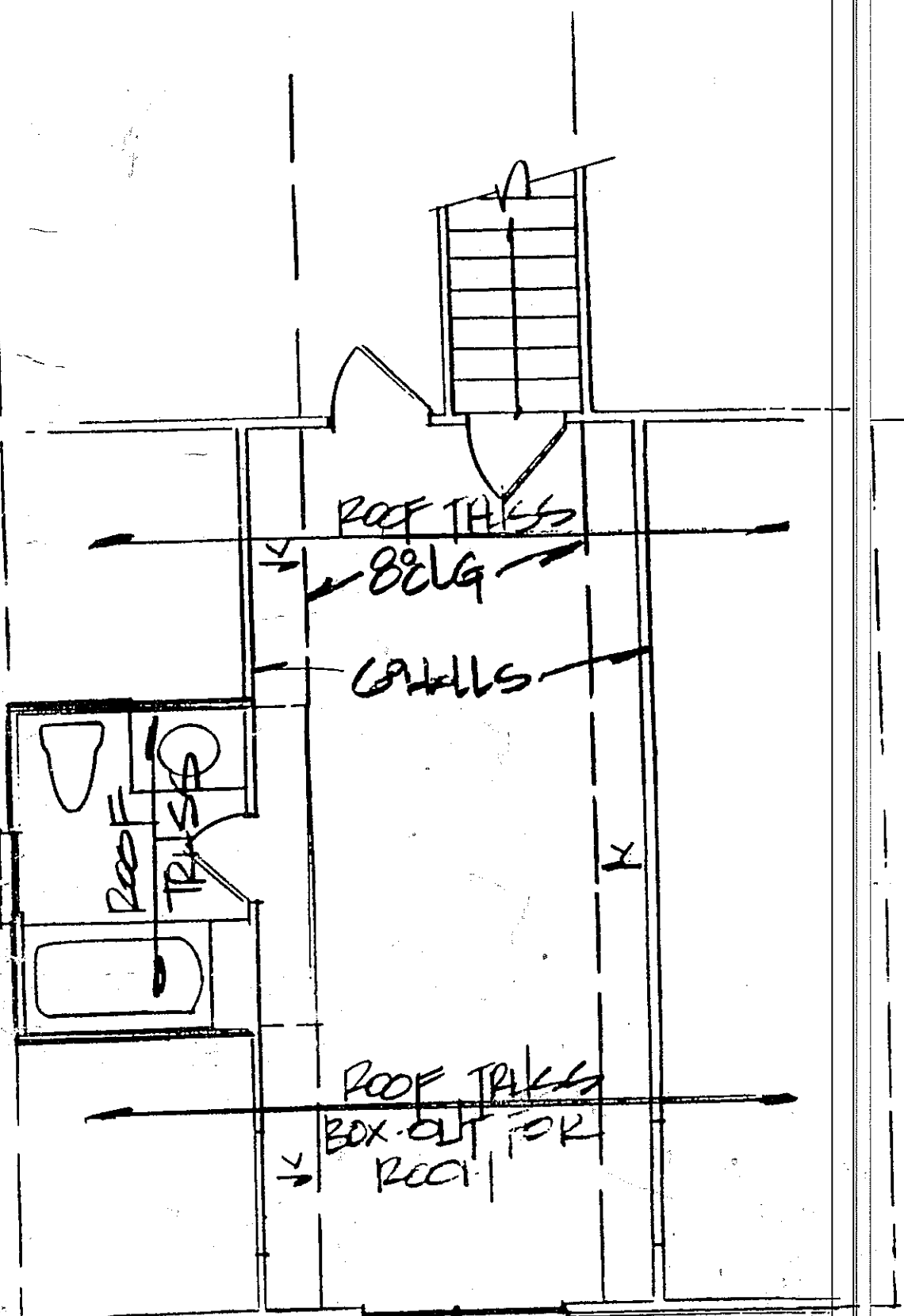
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FIRST FLOOR CEILING/
 STRUCTURAL PLAN

- NOTES:
- 1) SHADED WALLS INDICATE LOAD BEARING WALLS;
 ■ - SHADED AREAS INDICATE POINT LOADS @ BEAM/W/L ENDS w/ BEARING TO FND.
 - 2) VERIFY STRUCTURAL INFO w/ TRUSS MANUF. OR STRUCTURAL ENGINEER

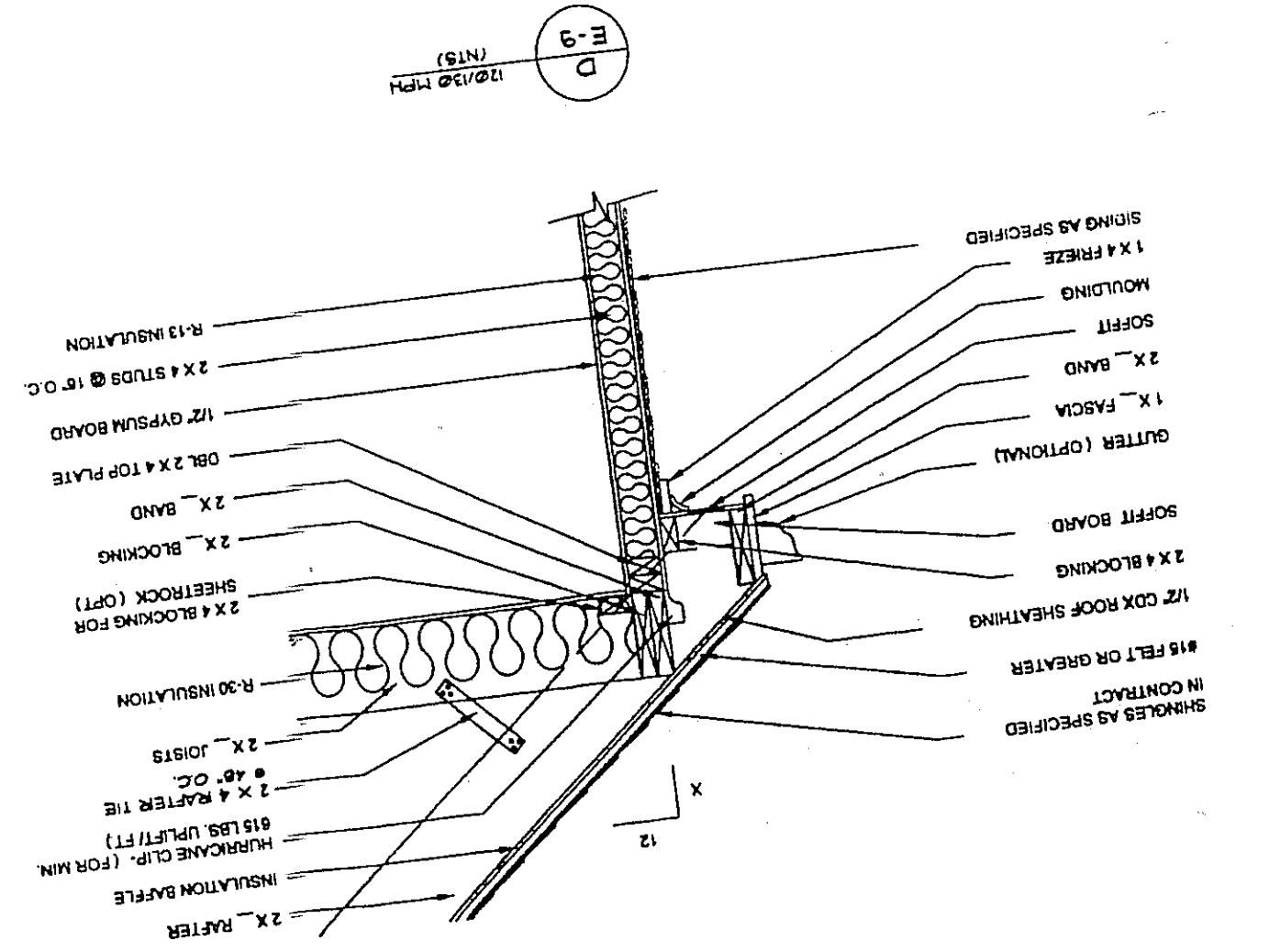
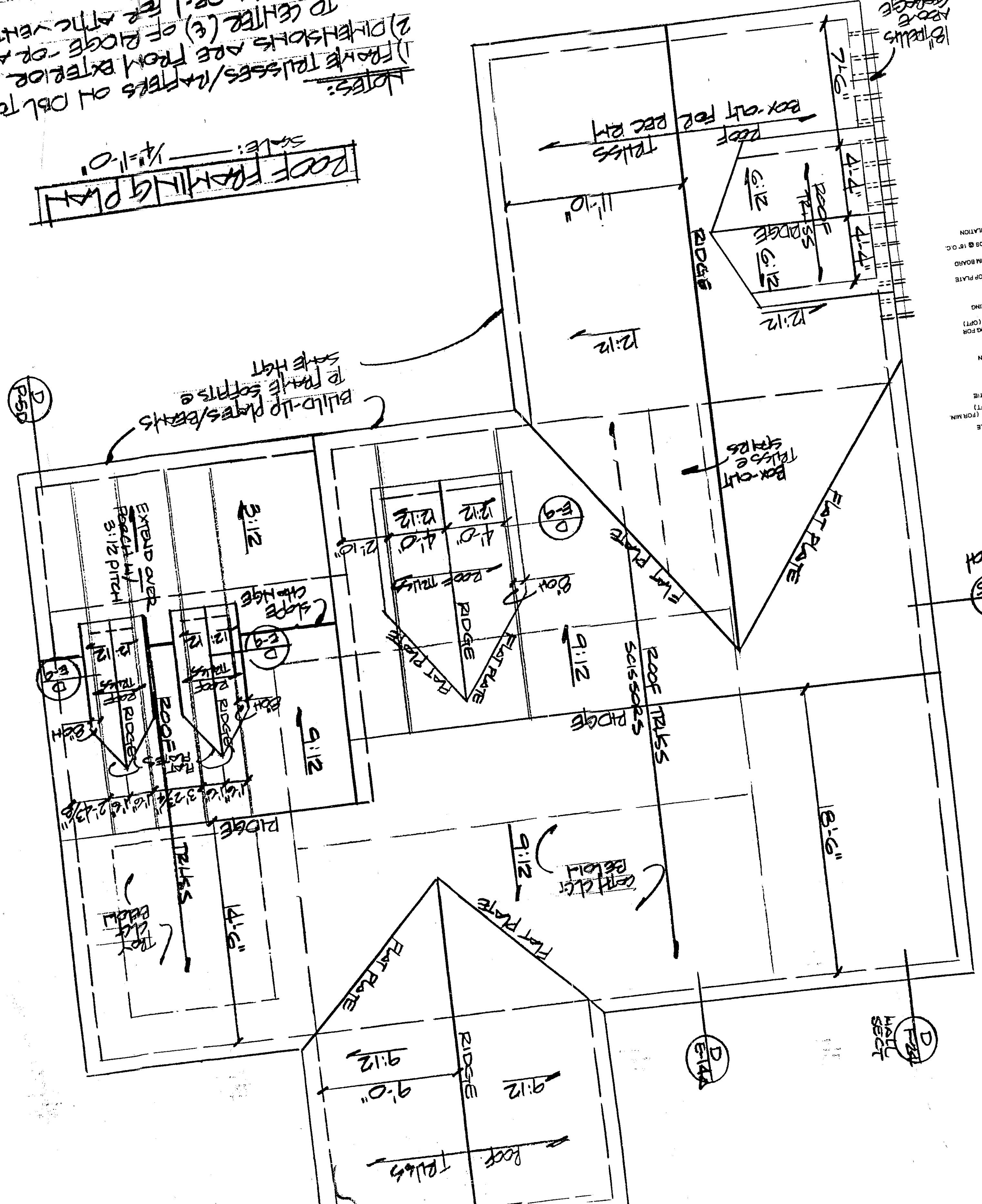


SECOND FLOOR CEILING/
 STRUCTURAL PLAN

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NOTES:
 1) RAFTER TRUSSES/WALLS ON OBL TOP PLATE (DIMO)
 2) DIMENSIONS ARE FROM EXTERIOR OF FRAMING TO CENTER (C) OF RIDGE - OR AS NOTED
 3) SEE SHEET CODE-1 FOR THE VENTILATION & ADDITIONAL NOTES, SECTION DETAILS
 4) SEE SHEET D-1 FOR WALL/ TRUSS MANUF.
 5) VERIFY TRUSS H/F O/W

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



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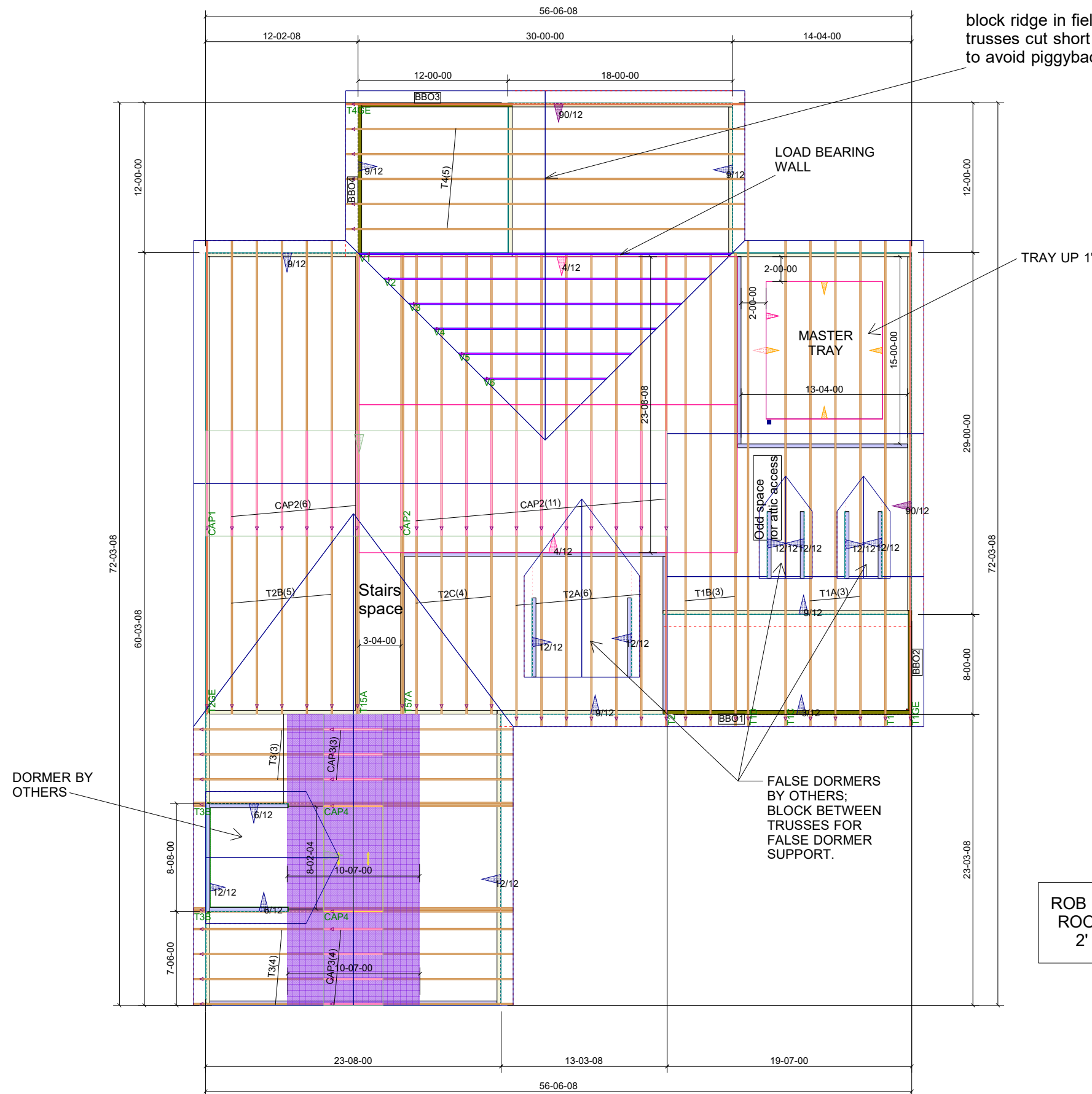
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 Drawn by: RLG
 Date: 12-7-16
 Sheet: 5-3
 Plan: RG-A2470-2

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 Cell: 910-443-7605
 www.robbgrissom.com
 rob@robbgrissom.com
 Project: Hampstead, NC
 Address: Hampstead, NC
 Project Location: _____
 Subdivision: _____
 Lot: _____
 Section: Part of Lots 1 & 2
 County: Pender

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.
PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS,
SUCH AS PLUMBING OR DUCT DROPS.

CONSTRUCTION COPY-
FOR FIELD USE



Notes:
1. Exterior dimensions shown are assumed to be:
 Out-to-out of stud
 Out-to-out of sheathing
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading per 2012 NC Residential Code
 Top Chord Live Load 20# PSF
 Top Chord Dead Load 10# PSF
 Bottom Chord Live Load 0# PSF
 Bottom Chord Dead Load 10# PSF

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.
 △ - This symbol denotes left end of truss as shown on truss drawings
 ● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:
 (N) - Nailed
 (L) - Ledger

ROB GRISSOM V2
ROOF TRUSSES
2' OC, 1' OH

Job #	P-5824
Date Quoted:	1/31/2019 12:00:00 AM
Designer:	Sarah Billings
Client:	Rob Grissom V2 447 Carolina Oaks Ave Smithfield NC 27577
Contractor:	JE Womble and Sons 805 W Front St Lillington, NC 27546
Truss Provider:	Peak Truss Builders, LLC PO Box 340, New Hill, NC 27562