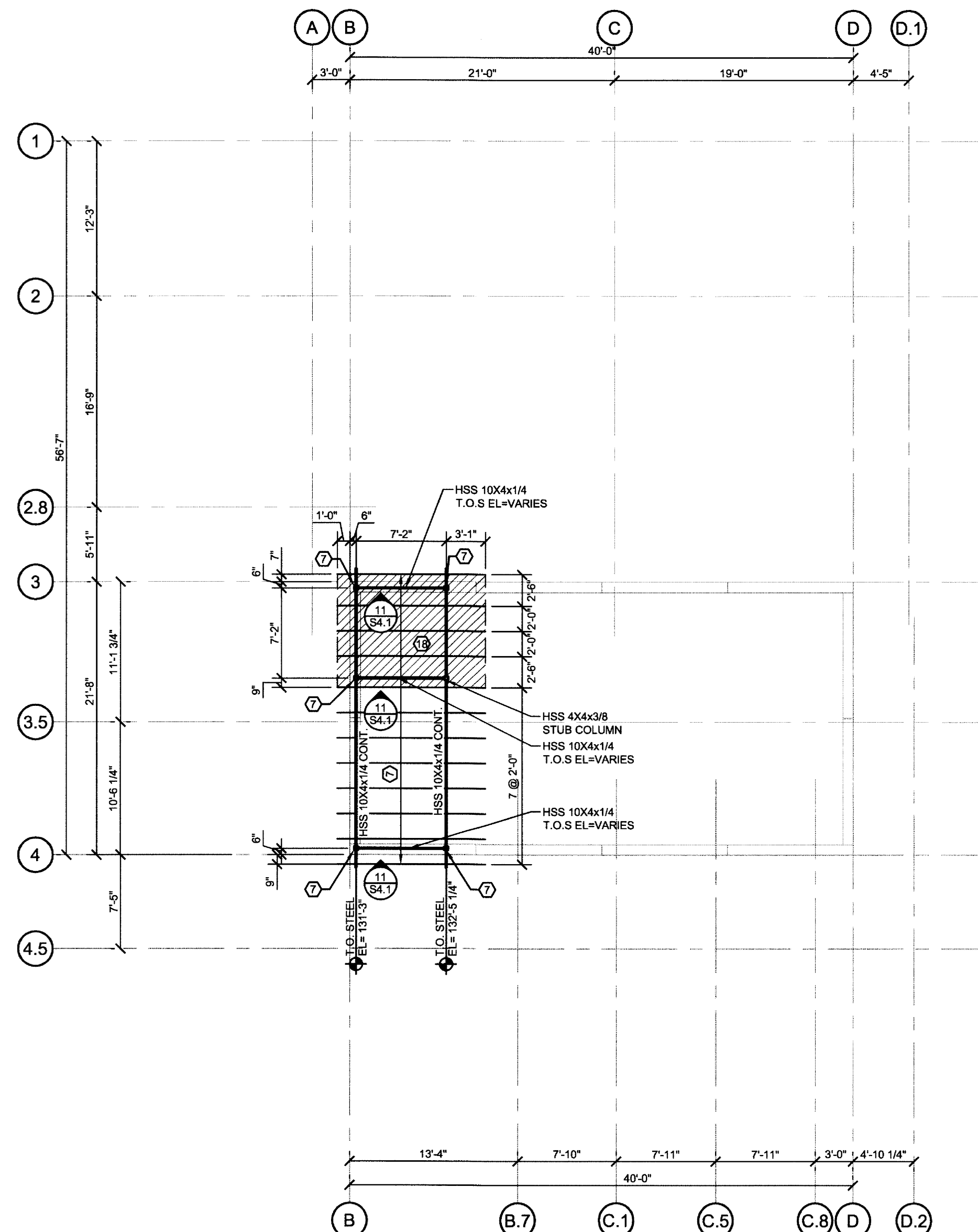


1 ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"



2 PENTHOUSE ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

GENERAL FRAMING KEYNOTES

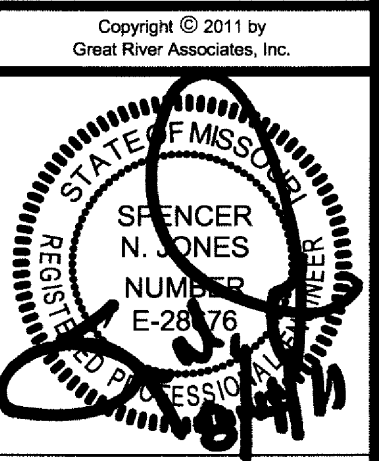
- ① PROVIDE L3x3x3/16 H-FRAME AROUND ROOF DRAIN. COORDINATE SIZE AND LOCATION. WELD TO SUPPORTING MEMBERS WITH 3" OF 3/16" FILLET WELD EACH END.
- ② HORIZONTAL BRIDGING SHOWN FOR REFERENCE ONLY. JOIST MFR SHALL LOCATE ALL REQUIRED BRIDGING.
- ③ PRE-ENGINEERED WOOD TRUSS PROFILE "A" @ SPACING SHOWN. REFER TO DETAIL 2/S3.1.
- ④ PRE-ENGINEERED WOOD TRUSS PROFILE "B" @ SPACING SHOWN. REFER TO DETAIL 2/S3.1.
- ⑤ PRE-ENGINEERED GIRDER TRUSS. TOP AND BOTTOM CHORD DIMENSION TO MATCH ADJOINING TRUSSES.
- ⑥ 2x4 BLOCKING @ FLOOR OPENING.
- ⑦ HSS 4x4x3/8 STUB COLUMN W/ 3/4" THICK TYPE B BASEPLATE, L=5', W=10", SEE 7/S4.1.
- ⑧ PRECAST MANUF. TO PROVIDE EMBED PLATE TO SUPPORT GIRDER TRUSS CONNECTION SIMILAR TO 1/S4.2. UNFACTORED DESIGN REACTION: 1.0 KIPS DL, 0.95 KIPS LL.
- ⑨ 4x12 HEAVY TIMBER BEAMS @ SPACING INDICATED.
- ⑩ PRECAST MANUF. TO PROVIDE EMBED PLATE FOR HIGH & LOW HSS ATTACHMENT. UNFACTORED DESIGN REACTION: P: 0.8 KIPS DL, 0.6 KIPS LL, 0.0 KIPS WL. N: 0.0 KIPS DL, 0.0 KIPS LL, ± 3.4 KIPS WL.
- ⑪ WOOD STUD FRAMED WALL, REFER TO ARCH.
- ⑫ PRE-ENGINEERED WOOD TRUSS PROFILE "C" @ SPACING SHOWN. REFER TO DETAIL 2/S3.1.
- ⑬ HATCHED AREA REPRESENTS WOOD FRAMED DECK & STAIR ON PONY WALL STRUCTURE. FRAME PONY WALLS PERPENDICULAR TO ROOF TRUSSES. SEE ARCH. FOR ADDITIONAL INFO.
- ⑭ PRE-ENGINEERED GIRDER TRUSS TO ATTACH TO PRE-CAST WALL SIMILAR TO 7/S4.2. PRE-CAST MANUF. TO PROVIDE EMBED PLATES FOR SEAT AND STABILIZER PLATE ATTACHMENTS UNFACTORED BOTTOM CHORD DESIGN REACTION: P: 4.8 KIPS DL, 5.5 KIPS LL, -1.7 KIPS WL (NET).
- ⑮ STICK FRAME SPANDRAL WALL BETWEEN SUPPORTS. ATTACH FRAMING AT EACH END W/ SIMSON LU HANGERS & 1" TEK SCREWS AS REQUIRED.
- ⑯ (3) 2 x 10 HEADER BEAM W/ (2) 1/2" PLYWOOD SPACERS AT OPENING, PROVIDE CRIPPLE STUD @ EACH END.
- ⑰ (3) 1-3/4"x11-1/4" MICROROLL LVL HEADER BEAM AT OPENING. PROVIDE DOUBLE TRIMMER STUD AT EACH END FOR FULL BEARING.
- ⑱ HATCHED AREA REPRESENTS 3/4" PLYWOOD ROOF SHEATHING, REFER TO GENERAL NOTES FOR ADDITIONAL INFO.
- ⑲ PROVIDE SIMPSON CC03-SD52.5 OR EQUIVALENT COLUMN CAP FOR GIRDER TRUSS BEARING. WELD COLUMN CAP TO COLUMN ALL AROUND.



ARCHITECT
FORM
 ARCHITECTURE

CHILES RESIDENCE
WEST FARM ROAD 124
BOIS D'ARC, MO 65612

CHECKED BY: JCO
 DRAWN BY: JS
 JOB NUMBER: 10-2860
 SCALE: SEE SHEET
 ISSUE DATE: 08.04.2011
 SHEET TITLE:
ROOF AND PENTHOUSE FRAMING PLAN



SPENCER N. JONES
 ENGINEER
 MISSOURI
 LICENSE NO. E-28676

S3.3

Great River Associates, Inc.
 Missouri State Certificate of Authority #2000156885

205 Olive, Central East
 Suite 407
 Springfield, MO 65806
 (417) 873-2255
 www.gra.com

Copyright © 2011 by
 Great River Associates, Inc.