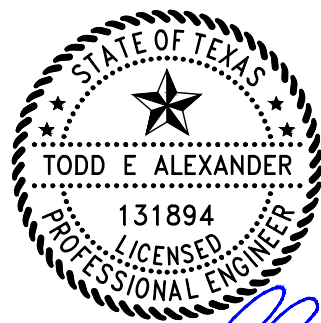
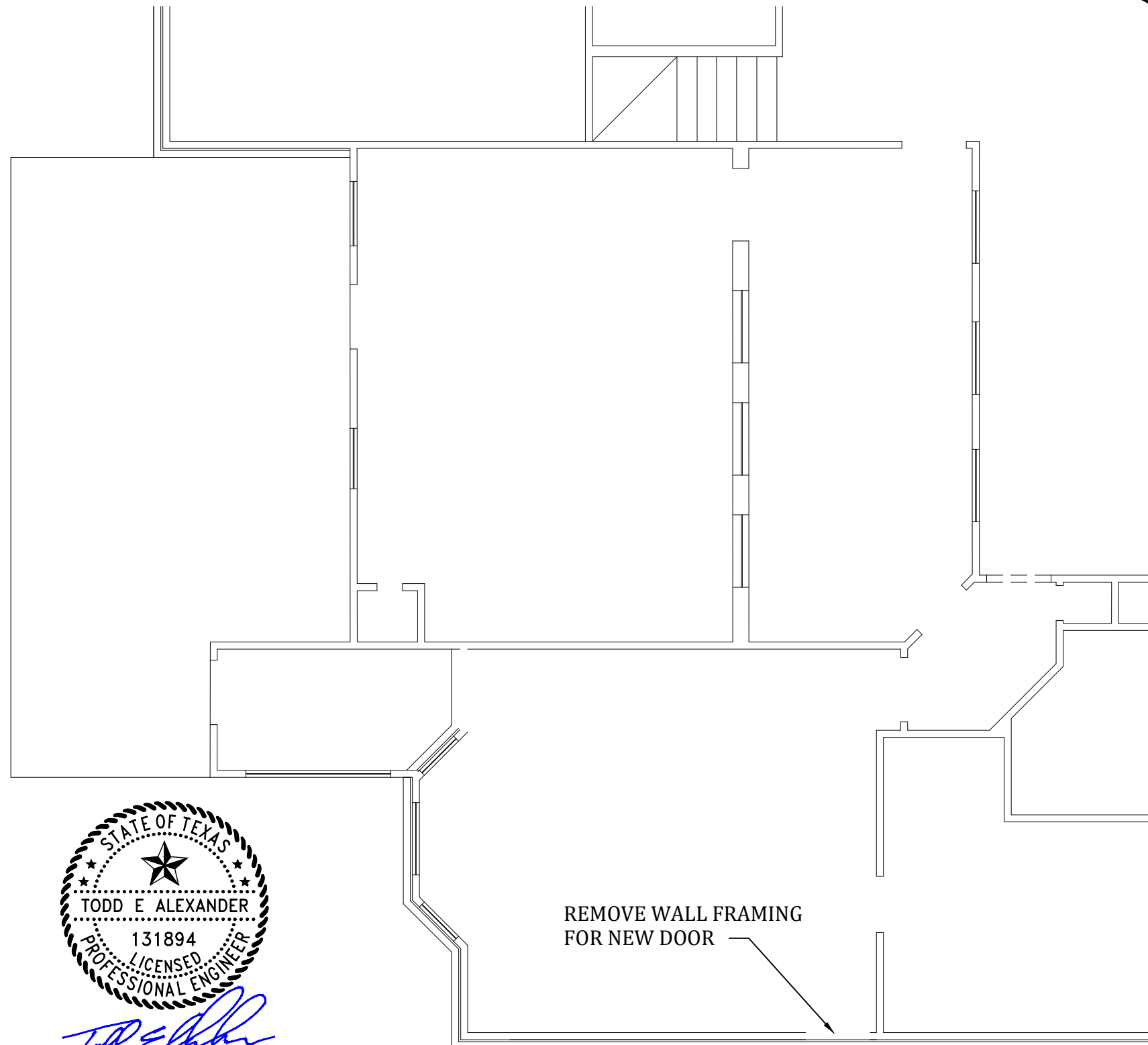


COORDINATION:

- A. Changes affecting the layout shown must be specific and clearly conveyed to GreenWorks Engineering and Consulting in written form as a change for inclusion into these plans. Contractor and/or client shall verify all dimensions and layout prior to construction. All dimensions on structural drawings shall be checked against architectural drawings and any discrepancies shall be brought to the attention of the Architect and Engineer immediately. Refer to mechanical, electrical and architectural drawings for openings not shown on structural drawings.
- B. These construction documents were prepared with information about the existing building provided C.A. Designs dated 07/31/2019. If the contractor discovers existing conditions which vary from those shown on these documents he shall notify GreenWorks Engineering and Consulting immediately for guidance on necessary changes to be made.
- C. All temporary shoring shall be the responsibility of the contractor.
- D. Design is void after two years from original date of issue, unless updated to acceptable codes and practices at that time.

WOOD:

- A. Framing lumber shall be Hem Fir (unless noted otherwise) and as follows or better:
 - 2x4 studs Stud Grade
 - 2x6 or larger studs. #2 Grade
 - Plates. #3 Grade
 - Joists and Rafters #2 Grade
 - 2x and 4x Beams #2 Grade
 - 6x or larger Beams #1 Grade Beam and Stringer
 - Laminated Veneer Lumber. 2.0E
 - Posts. #1 Grade Post and Timber
- B. All wood construction shall be in conformance with the provisions of "The National Design Specification for Wood Construction", latest edition.
- C. Laminated Veneer Lumber (LVL) and prefab joists shall be manufactured by 'TrusJoist' or equivalent or shall meet APA Performance Standards, and installed per manufacturers specifications. Supplier shall furnish shop drawings showing all joists, bridging, blocking and miscellaneous accessories for review by the structural engineer prior to fabrication.
- D. Where not otherwise shown on plans, all nailing or screwing shall be as indicated in the Building Code. All sheathing must be nailed. Adhesives SHALL NOT be used in place of nailing.
- E. Metal connectors to be provided by 'Simpson Strong-Tie' or equivalent.
- F. APA rated OSB may be used in lieu of plywood with prior approval from Engineer of Record.
- G. Wood roof and floor trusses shall be designed by others unless noted otherwise. Calculated live load deflection of trusses shall not exceed L/360 for floors and L/240 for roof of the overall span length. The truss supplier shall provide shop drawings and calculations prepared and stamped by a structural engineer registered in the state of Colorado for review by the Engineer of Record to verify they conform to requirements of the basic structure. These shop drawings shall show the locations of all trusses, connection plate sizes & capacity and the size & grade of lumber to be used. Truss fabrication shall not proceed until completion of shop drawing review by the Engineer of Record. Truss manufacturer or contractor shall provide blocking at bearing locations and bridging/lateral bracing as required for truss stability.



Todd E. Alexander
10/30/2019

REMOVE EXISTING
BRICK VENEER

REMOVE EXISTING
OVERHANG

REMOVE WALL FRAMING
FOR NEW DOOR

DEMOLITION PLAN

$\frac{3}{16}'' = 1'-0''$

DEMOLITION PLAN

Project No: 12550
Date: 09/24/2019
Print Date:
Submittal 09/24/2019
Revision 10/10/2019
Revision 10/30/2019

S1.0

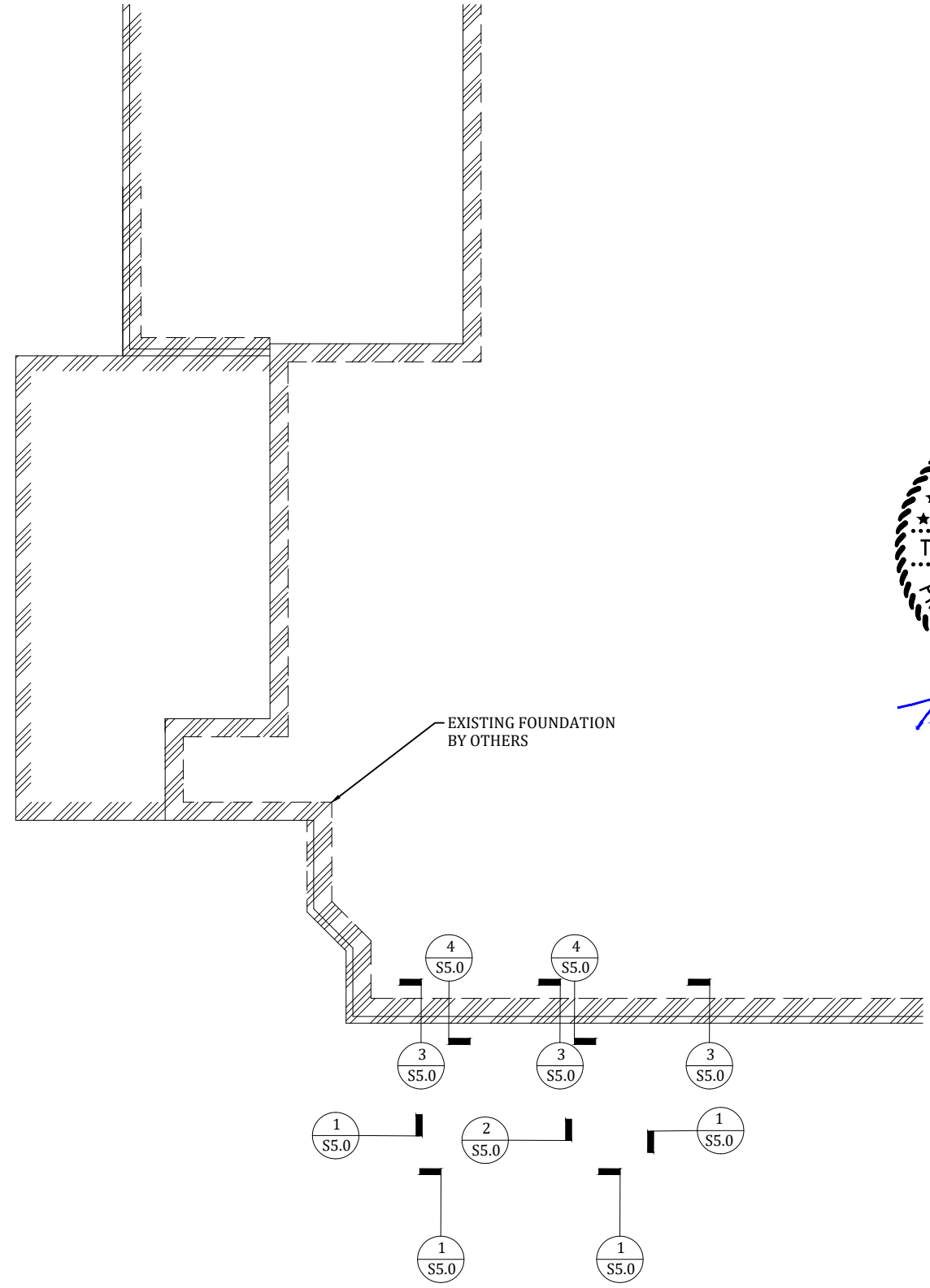
OF 6

GREENWORKS
ENGINEERING & CONSULTING
1910 Pacific Avenue
Suite 16800
Dallas, Texas 75201
(855) 349-6757
Texas Eng. Firm : 20170

NOTES:

- 1) Concrete shall have a minimum 28 day compressive strength of 3,500 psi
- 2) All #4 reinforcing shall be grade 60
- 3) All #3 reinforcing shall be a minimum of grade 40
- 4) Foundation design is based on a non-expansive soil with a minimum bearing capacity of 1500 psf.

CODE: 2015 IRC	
LOADING:	
ROOF DEAD	15 psf
ROOF LIVE	20 psf
ROOF SNOW	5 psf
FLOOR LIVE	40 psf
FLOOR DEAD	10 psf
WIND	115 mph
	EXPOSURE C
	RISK CAT II

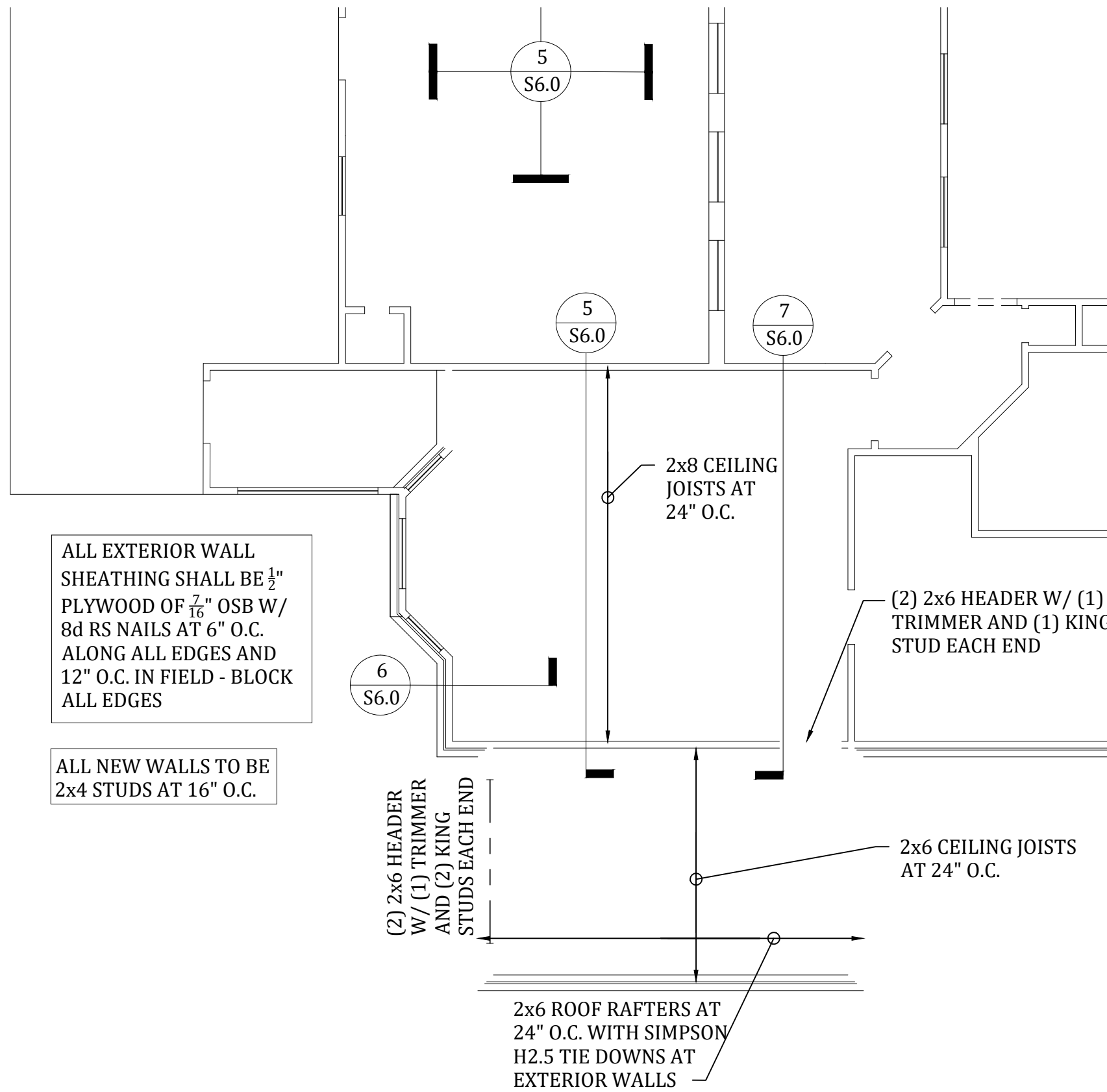


FOUNDATION PLAN

$\frac{3}{16}'' = 1'-0''$

DEMOLITION PLAN

Project No:	12550
Date:	09/24/2019
Print Date:	
Submittal	09/24/2019
Revision	10/10/2019
Revision	10/30/2019



STATE OF TEXAS
 ★ ★ ★
 TODD E ALEXANDER
 131894
 LICENSED
 PROFESSIONAL ENGINEER

Todd Alexander
 10/30/2019

Project No:	12550
Date:	09/24/2019
Print Date:	
Submittal	09/24/2019
Revision	10/10/2019
Revision	10/30/2019

ROOF / CEILING FRAMING PLAN

$\frac{3}{16}$ " = 1'-0"

ALL EXTERIOR WALL SHEATHING SHALL BE $\frac{1}{2}$ " PLYWOOD OF $\frac{7}{16}$ " OSB W/ 8d RS NAILS AT 6" O.C. ALONG ALL EDGES AND 12" O.C. IN FIELD - BLOCK ALL EDGES

2x6 ROOF RAFTERS AT 24" O.C. W/ SIMPSON H2.5 TIE DOWN AT EXTERIOR WALLS

REMOVE EXISTING COMPOSITION ROOFING
ADD 2x6 RAFTERS AT 24" O.C. WITH VERTICAL 2x4 BLOCKING AT 36" O.C. TO EXISTING RAFTERS BELOW TO MAINTAIN THE UNIFORM LOADING

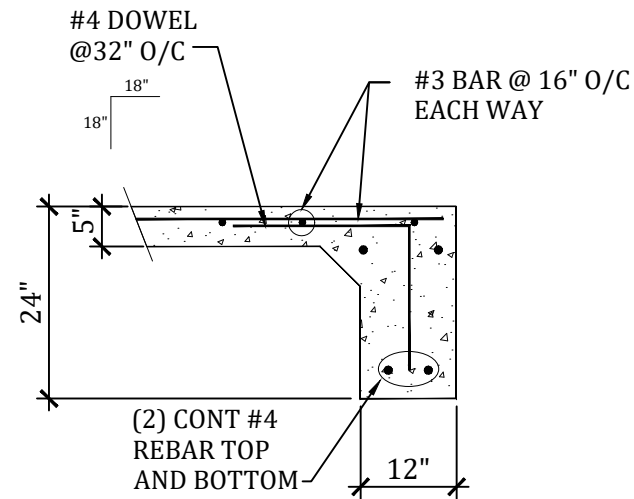


Todd E. Alexander
10/30/2019

CODE:	2015 IRC
LOADING:	
ROOF DEAD	15 psf
ROOF LIVE	20 psf
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FLOOR LIVE 40 psf	
FLOOR DEAD	10 psf
WIND 115 mph	
	EXPOSURE C
	RISK CAT II

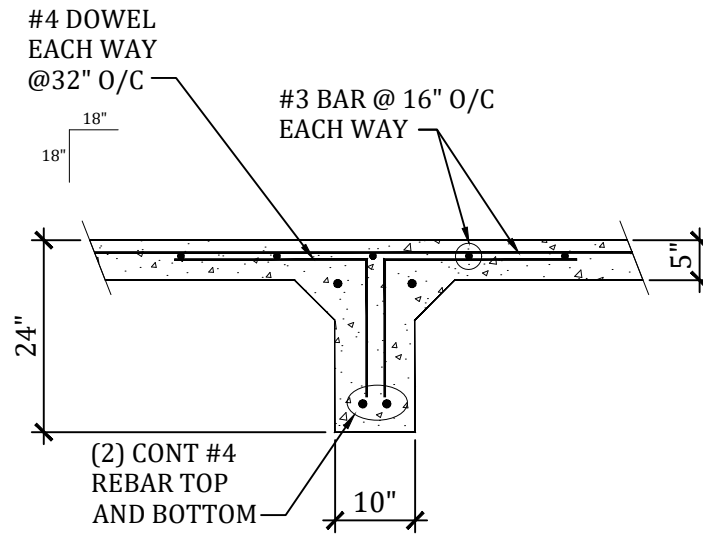
ROOF FRAMING PLAN

$\frac{3}{16}$ " = 1'-0"



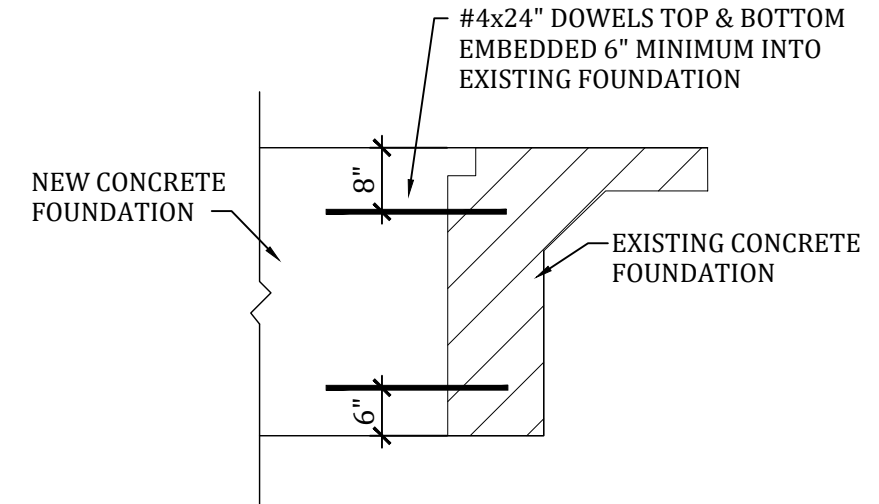
DETAIL - 1

$\frac{1}{2}'' = 1'-0''$



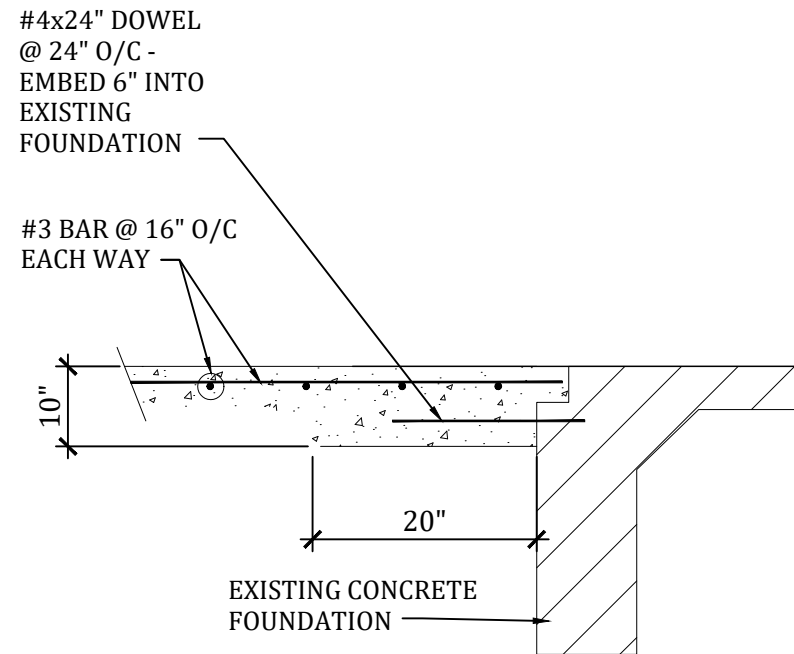
DETAIL - 2

$\frac{1}{2}'' = 1'-0''$



DETAIL - 3

$\frac{1}{2}'' = 1'-0''$



DETAIL - 4

$\frac{1}{2}'' = 1'-0''$



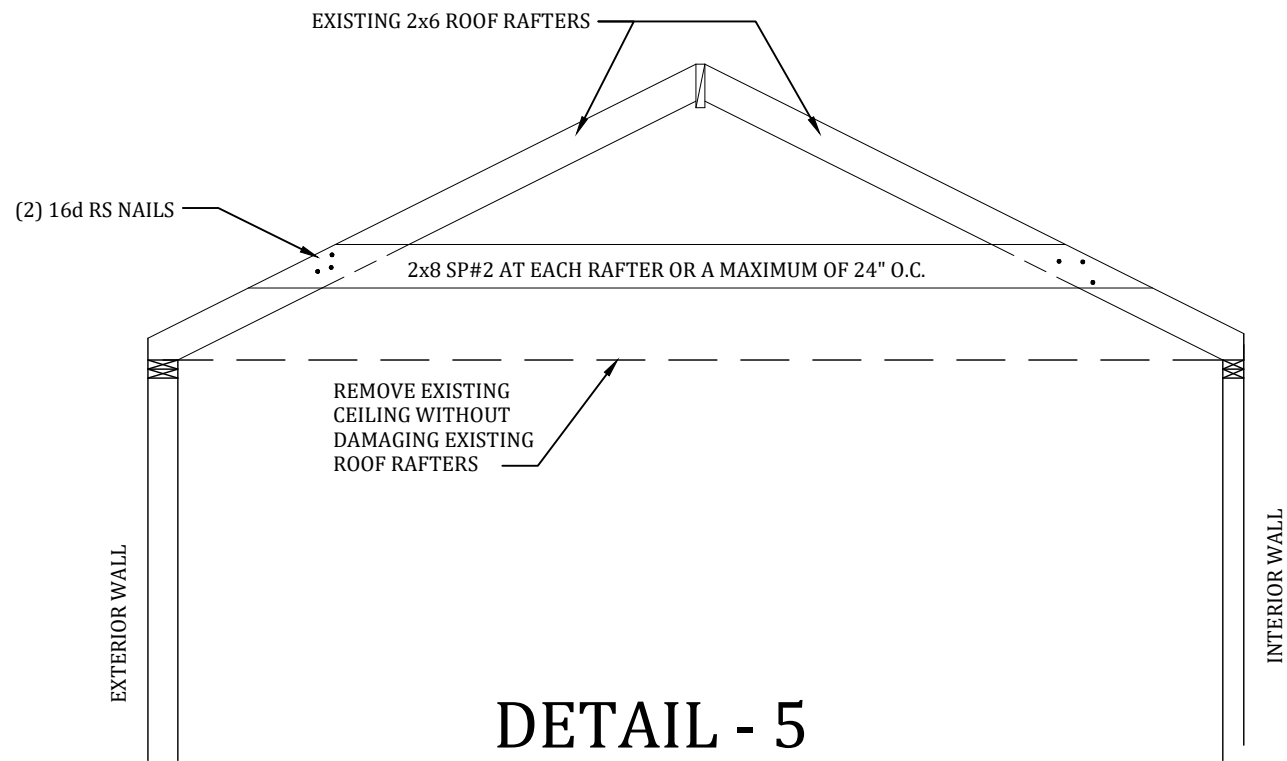
FOUNDATION DETAILS

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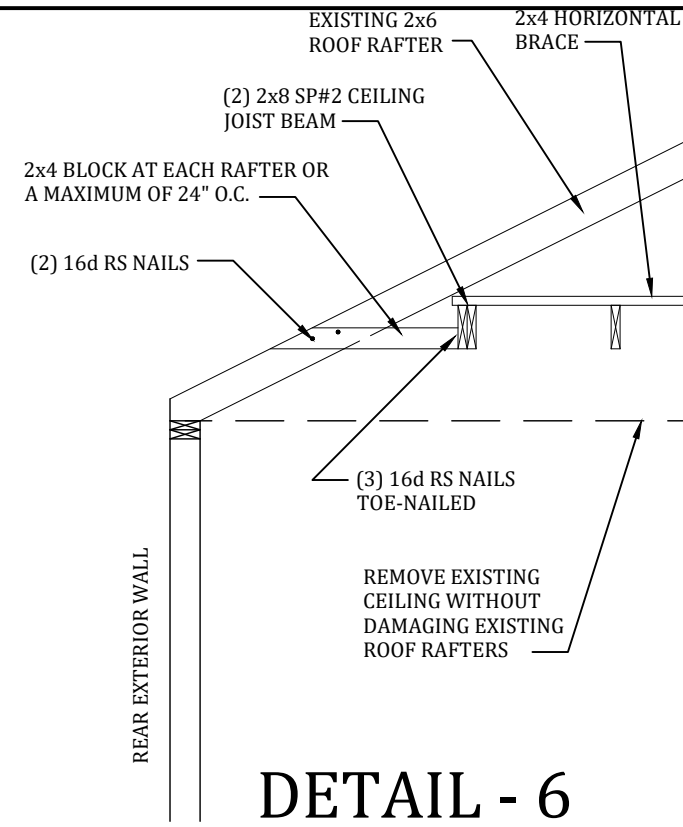
S5.0

OF: 6



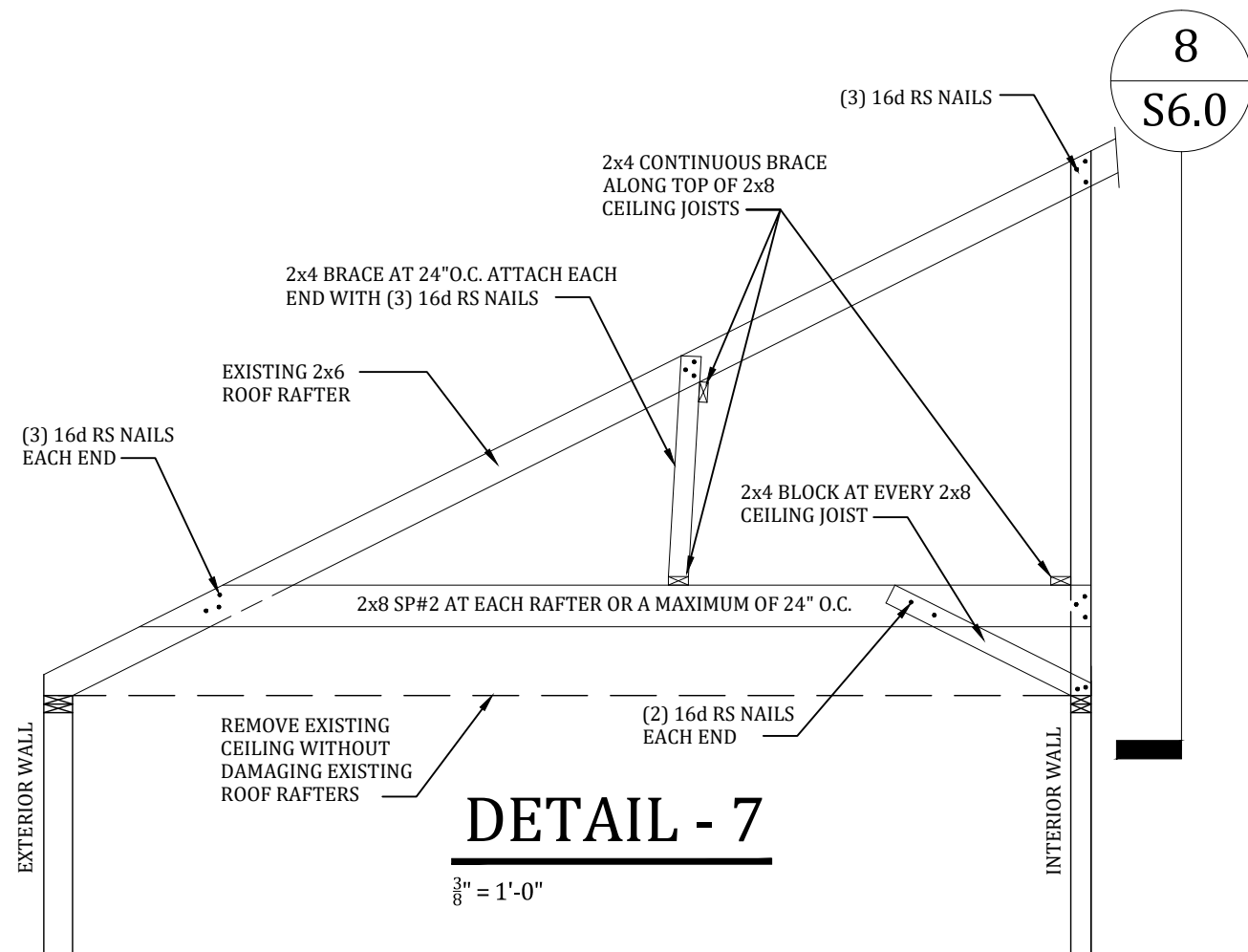
DETAIL - 5

$\frac{3}{8}'' = 1'-0''$



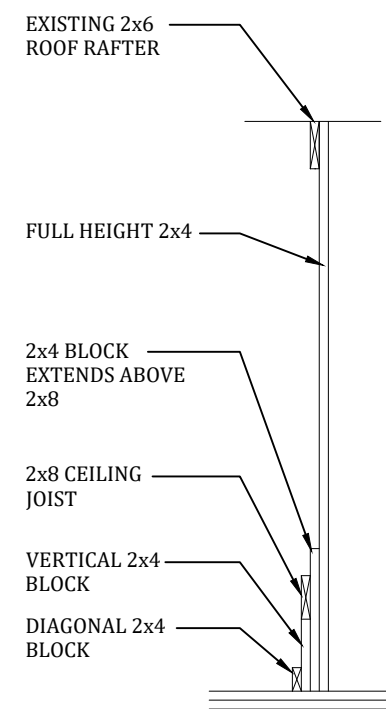
DETAIL - 6

$\frac{3}{8}'' = 1'-0''$



DETAIL - 7

$\frac{3}{8}'' = 1'-0''$



DETAIL - 8

$\frac{3}{8}'' = 1'-0''$

8
S6.0



VAULTED CEILING DETAILS

Project No: 12550
Date: 09/24/2019
Print Date:
Submittal 09/24/2019
Revision 10/10/2019
Revision 10/30/2019

S6.0

OF 6

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