

ADDRESS : 3030 CAMERON HILL RD SUBDIV:  
CONTRACTOR : GARY ROBINSON HOMES LLC PHONE : (910) 977-2562  
OWNER : TAHILRAMANI JUSTIN & JESSICA PHONE :  
PARCEL : 09-9564- - -0058- -11-  
APPL NUMBER: 17-50041164 CP NEW RESIDENTIAL (SFA)  
DIRECTIONS : T/S: 04/17/2017 04:23 PM BPETRICH --  
LOCATED NEXT TO 3158 CAMERON HILL ROAD  
CAMERON NC 28326  
BUILDING WILL BE LOCATED NEXT TO THE  
EXISTING SHED BEHIND THE TWO LONG  
STORAGE BUILDINGS

**STRUCTURE: 000 000 38X36 4BDRM DUPLEX**

FLOOD ZONE : FLOOD ZONE X  
# BEDROOMS : 4.00 PROPOSED USE : DUPLEX  
SEPTIC - EXISTING? : NEW NUM OF RESIDENTIAL UNITS : 2.00  
WATER SUPPLY : COUNTY .00

**PERMIT: CPFA 00 CP \* SFA**

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
E207 01	6/08/17	TSG	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 002981991 T/S: 06/07/2017 11:57 AM BPETRICH -----
P309 01	6/08/17	TSG	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002981918 T/S: 06/07/2017 11:21 AM BPETRICH -----
B114 01	6/14/17	TSG	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002984334 T/S: 06/13/2017 01:13 PM BPETRICH -----
A814 01	7/21/17	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003001021 3030 AND 3034 CAMERON HILL RD CAMERON 28326 WHEN FACING HOUSE 3030 WILL BE ON LEFT AND 3034 ON RIGHT T/S: 07/21/2017 02:51 PM SBENNETT -----
R425 01	7/26/17 <u>7/26/17</u>	TI <u>DA DT</u>	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003001047 T/S: 07/20/2017 12:24 PM DJOHNSON ----- ENGINEER LETTER INSIDE PERMIT BOX WITH PLANS T/S: 07/24/2017 10:59 AM BPETRICH -----

----- COMMENTS AND NOTES -----



June 23, 2017

Gary Robinson Homes, LLC  
6200 Ramsey St., Suite 200  
Fayetteville, North Carolina 28311  
Email: lauren.grhomes@gmail.com

Reference: Engineering Services  
Duplex/Moore  
Fayetteville, NC  
Project No.: 1701-010180

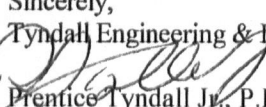
As requested by the client, Tyndall Engineering & Design, PA (TE&D) is providing recommendations for the following items:

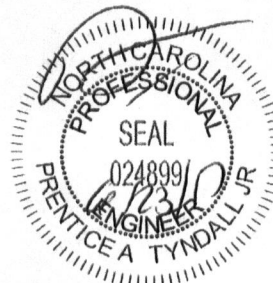
- 1) Provide alternate fire-wall details to facilitate its construction coupled with the roof truss installation.

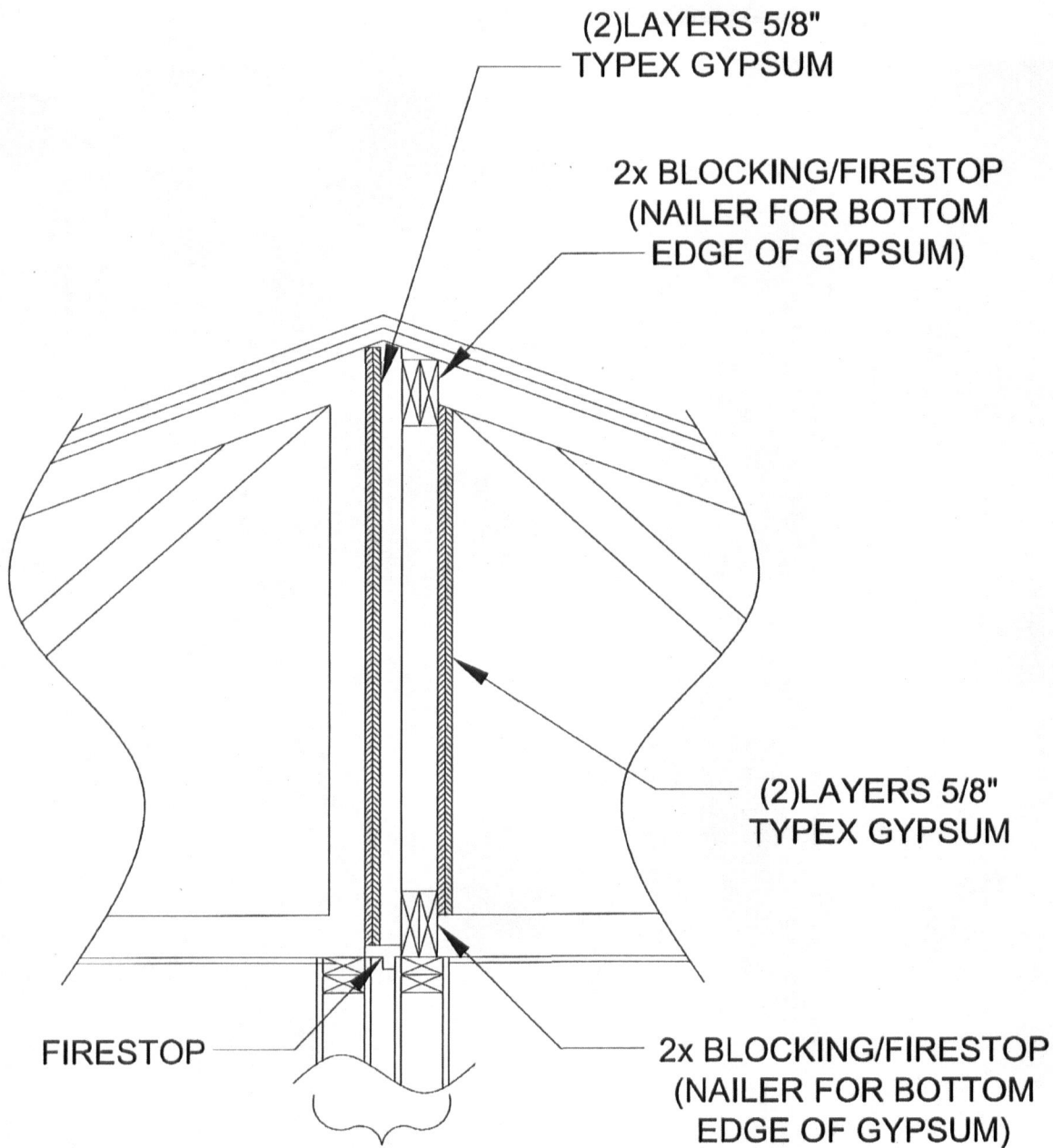
The following conclusions and recommendations were noted:

- 1) Based on our conversations with the client, review of the provided project documents, and our research, it is TE&D's opinion that the fire-wall detail may be modified in general accordance with one of the following options:
  - A. If the original plan specified "Party Wall Cross Section Detail" is installed within the lower floor level, then the firewall detail may be modified per the diagram on page 2 of this letter (Drawing 1 of 3).
  - B. GA WP 3820 has been provided as an alternate 2-hour fire-wall at the lower floor levels. The reader is referred to page 3 of this letter (Drawing 2 of 3). Note, that if GA WP 3820 is implemented at the floor levels, it is our recommendation that the fire-wall detail at the truss level be installed per the diagram on page 4 of this letter (Drawing 3 of 3).

We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,  
Tyndall Engineering & Design, PA  
  
Prentice Tyndall Jr., P.E.  
PTII/1701-010180





FIREWALL ASSEMBLY PER  
"PARTY WALL CROSS  
SECTION DETAIL"



**TYNDALL**  
ENGINEERING & DESIGN, P.A.

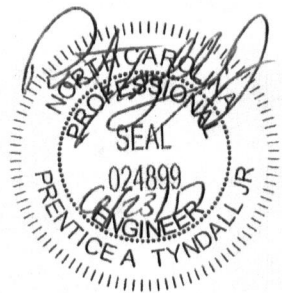
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www.tyndallengineering.com

4			
3			
2			
1			
NO.	DATE	REVISIONS AND RECORD OF ISSUE	CHK.

<b>DRAWN:</b> 1JE	<b>CHECKED:</b> PAT	<b>DATE:</b> 6/22/17	<b>PROJECT #:</b> 1701-010180
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**CLIENT:** GARY ROBINSON HOMES

<b>PROJECT:</b> DUPLEX/ MOORE: ALTERNATE FIREWALL DETAILS	<b>DRAWING NUMBER:</b> 1 of 3	<b>REV.:</b>
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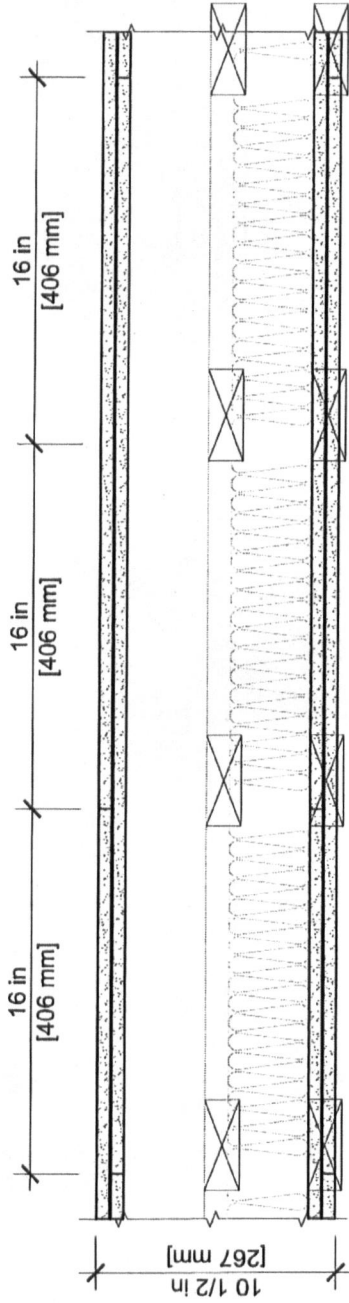


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# GAWP 3820


## CHASE WALL: WOOD STUD (LOAD-BEARING)

FIRE RATING: 2 HOUR  
 STC: 55-59  
 SOUND TEST: N/A  
 SYSTEM THICKNESS: 10-1/2"



### ASSEMBLY OPTIONS:

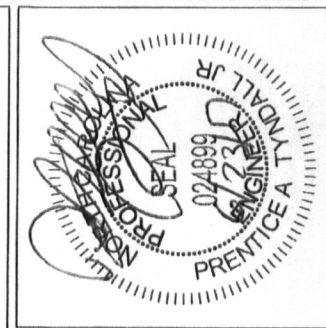
- GYPSUM BOARD: TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY OR VERTICALLY.
- WOOD STUDS: 2 IN. X 4 IN. WOOD STUDS SPACED MAX. 16 IN. O.C.
- AIR CAVITY: 1 IN. THICK AIR SPACE
- WOOD STUDS: 2 IN. X 4 IN. WOOD STUDS SPACED MAX. 24 IN. O.C.
- INSULATION: MIN. 3-1/2 IN. THICK MINERAL WOOL.
- GYPSUM BOARD: TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY OR VERTICALLY.

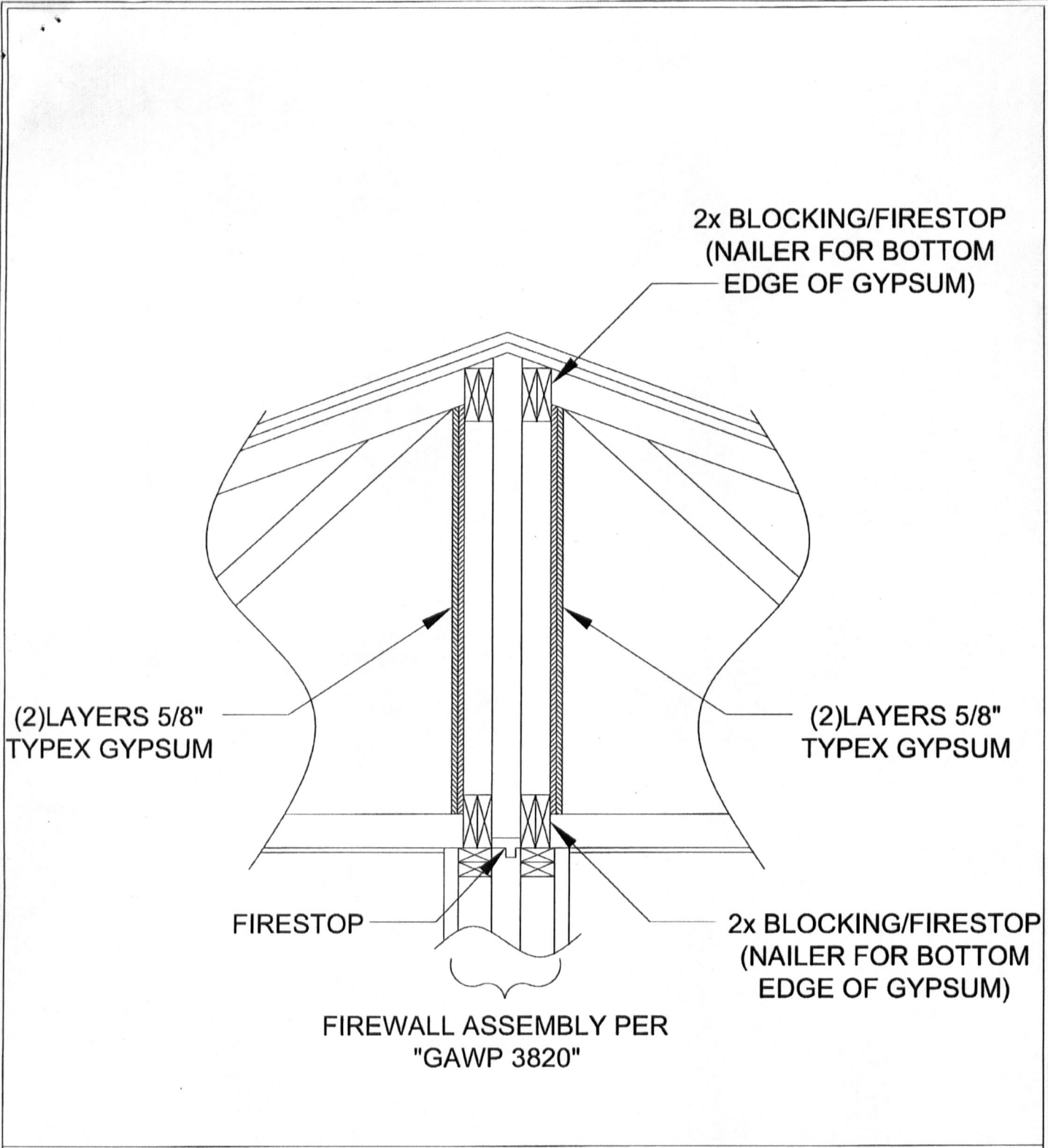


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4		6/22/17	
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2			
1			
NO.	DATE	CHECKED:	DATE
		PAT	6/22/17
REVISIONS AND RECORD OF ISSUE			
CHK.			
DRAWN: IJE		PROJECT #: 1701-010180	
PROJECT: DUPLEX/MOORE; ALTERNATE FIREWALL DETAILS		DRAWING NUMBER: 2 of 3	
CLIENT: GARY ROBINSON HOMES		REV.	





FIREWALL ASSEMBLY PER  
"GAWP 3820"

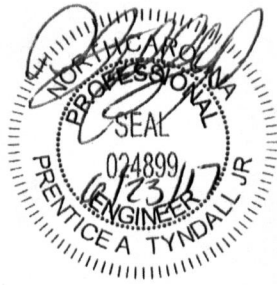


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4			
3			
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NO.	DATE	REVISIONS AND RECORD OF ISSUE	CHK.

<b>DRAWN:</b> IJE	<b>CHECKED:</b> PAT	<b>DATE:</b> 6/22/17	<b>PROJECT #:</b> 1701-010180
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**CLIENT:** GARY ROBINSON HOMES

**PROJECT:** DUPLEX/ MOORE: ALTERNATE FIREWALL DETAILS  
**DRAWING NUMBER:** 3 of 3

**REV.**