ust check correctness of this drawing PRIOR to erection of system.
ing is conceptual and should be used with the Architectual plans
proper joist and beam placement. Stairways may be drawn small to
adjustments in the field.

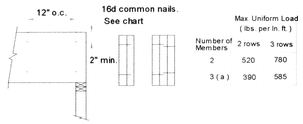
WALLS AND POINT LOADS FROM FLOORS ABOVE
EFFECT SLAB OR FLOORS BELOW AND SHOULD
ESSED PRIOR TO INSTALLATION OF SLAB OR FLOORS
NOT ADDRESSED IN THESE LAYOUTS!!!!!!!!!!

for reference only.
verify fixture locations for
st adjustments.

Accessory Schedule				
Tag	Qty	Manufacturer	Product	Description
H1	8	Simpson Strong-Tie, Inc.	HGUS414	
H2	33	Simpson Strong-Tie, Inc.	ITS1.81/16	
H3	105	Simpson Strong-Tie, Inc.	MIT3516	

Framing Schedule - Nominalized							
Tag	Qty	Product	Length	Tag	Qty	Product	Length
1	1	16" BCI® 4500s-1.8 SP	10' 0"	12	2	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	22' 0"
2	29	16" BCI® 4500s-1.8 SP	8' 0"	13	9	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	18' 0"
3	10	16" BCI® 4500s-1.8 SP	6' 0"	14	7	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	16' 0"
4	118	16" BCI® 60s-2.0 SP	28' 0"	15	7	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	14' 0"
5	54	16" BCI® 60s-2.0 SP	26' 0"	16	11	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	12' 0"
6	2	16" BCI® 60s-2.0 SP	22' 0"	17	3	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	8' 0"
7	17	16" BCI® 60s-2.0 SP	20' 0"	18	4	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	20' 0"
8	4	16" BCI® 60s-2.0 SP	18' 0"	19	3	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	18' 0"
9	1	16" BCI® 60s-2.0 SP	10' 0"	20	8	1-3/4" x 16" VERSA-LAM® 3100 SP	14' 0"
10	13	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	28' 0"				
11	14	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	26' 0"				

Multiple Member Beams
Side Loaded Connection
1 3/4" Versa-Lam
Nail Pattern



Number of Members	Max. Uniform Load (lbs. per in. ft.) 2 rows	3 rows
2	520	780
3 (a)	390	585

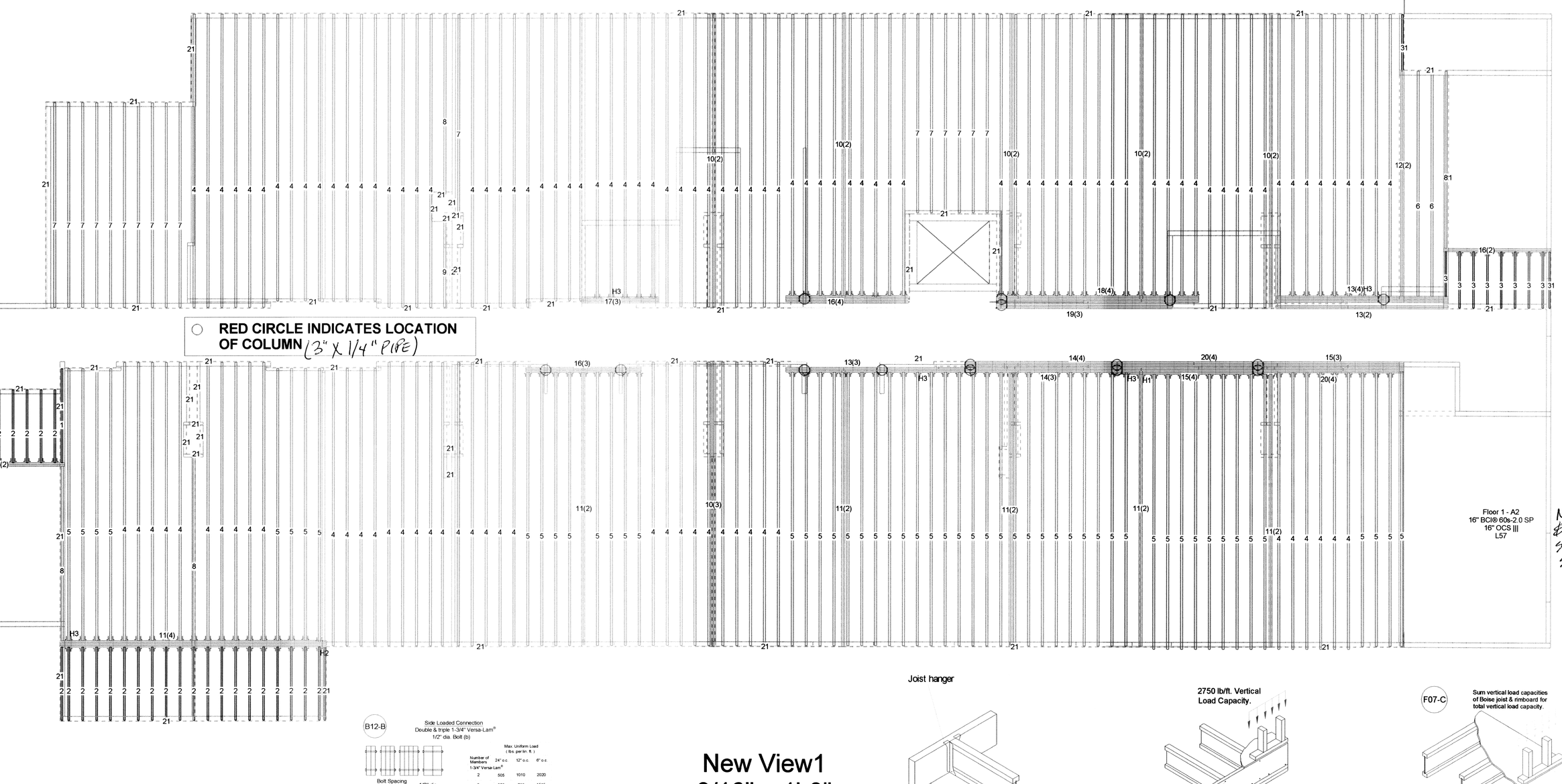
(a) Nail pattern for 3 - piece member must occur on both sides.

Nail values may be increased by 15% for snow - load roofs and by 25% for non - snow roofs where building code allows.

F49 Multiple Member Connection Nail N.T.S.

BEARING SIZE @ COLUMNS
3 PLY LVL - 5 1/2" X 12" BRG. REQD
4 PLY LVL - 7" X 12" BRG. REQD.

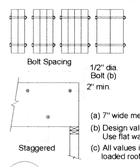
16" O.C.



RED CIRCLE INDICATES LOCATION OF COLUMN (3" X 1/4" PIPE)

NOTE: ALL EXTERIOR & INTERIOR BEARING WALLS SHALL HAVE 5 STUDS IN WALL.

B12-B Side Loaded Connection
Double & Triple 1-3/4" Versa-Lam®
1/2" dia. Bolt (b)



Number of Members 1-3/4" Versa-Lam®	Max. Uniform Load (lbs. per ln. ft.) 24" o.c.	12" o.c.	6" o.c.
2	505	1010	2020
3	375	755	1515
4 (a)	335	670	1345
3-1/2" Versa-Lam®			
2	855	1715	N/A

(a) 7" wide members must be loaded from both sides.
(b) Design values apply to common bolts (grade A&B, 1 or 2) Use flat washers each side and drill holes 1/2" dia.
(c) All values in the table above may be increased 15% for snow loaded roofs and 25% for non-snow load roofs where code allows.

B12-B US Multiple VL Connection Side Load Bolt 5 N.T.S.

New View1
3/16" = 1'-0"

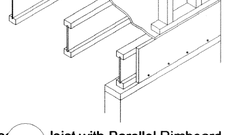
Joist hanger

F28a ist with Hanger @ Beam N.T.S.

2750 lb/ft. Vertical Load Capacity.

F54 BCI Joist BC Rim Board N.T.S.

F07-C Sum vertical load capacities of Boise joist & rimboard for total vertical load capacity.



US Bois F07-C Joist with Parallel Rimboard N.T.S.

STATE OF LOUISIANA
EMMETT G. DAMICO JR.
License No. 31796
PROFESSIONAL ENGINEER
10-4-12

ENG
LUMBE

Clinton Office
Office : 601-9
Toll free : 1-8
Fax : 601-92
e-mail: ronnie

NOTE: ALL

Floor 1

LOADI
floor 40L
roof 20L

Abita Lumber - David Melton
La Quinta Inn - Lot #14 Cableas Parkway

BC FRAMI
SCALE: N
DATE: 10
BY: Ronni
FILE: 167
DWG:
SHEET: 1

3/2012 4:59 PM
3/2012 5:02 PM