Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483
843 209-5784, Fax (866)-213-4614

The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 44208
JOB: 23-B587-F01
JOB NAME: LOT 0.0098 BLAKE POND
Wind Code: N/A
Wind Speed: Vult= N/A
Exposure Category: N/A
Mean Roof Height (feet): N/A
These truss designs comply with IRC 2015 as well as IRC 2018.
22 Truss Design(s)

Trusses:
F1-00, F1-01, F1-02, F1-03, F1-04, F1-05, F1-06, F1-07, F1-08, F1-08A, F1-09, F1-10, F1-10A, F1-11, F1-11A, F1-12, F1-13, F1-14, F1-15, F1-16, F1-19, F1-20

1/16/2024
Mark Morris

Warning !—Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for*

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-00	Floor Supported Gable	1	1	Job Reference (optional) **# 44208**

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0-1-8

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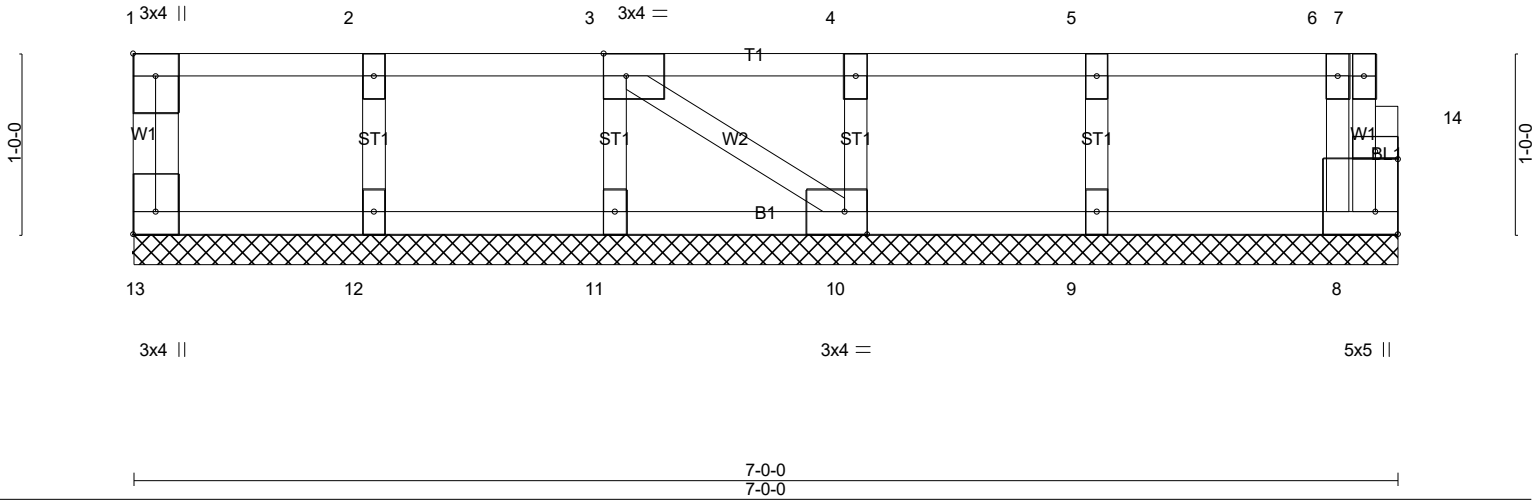

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [3:0-1-8,Edge], [8:Edge,0-1-8], [10:0-1-8,Edge], [13:Edge,0-1-8], [14:0-1-8,0-0-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-P							Weight: 33 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 7-0-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 13, 8, 12, 11, 10, 9

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-01	Floor Supported Gable	2	1	Job Reference (optional) **# 44208**

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0-1-8

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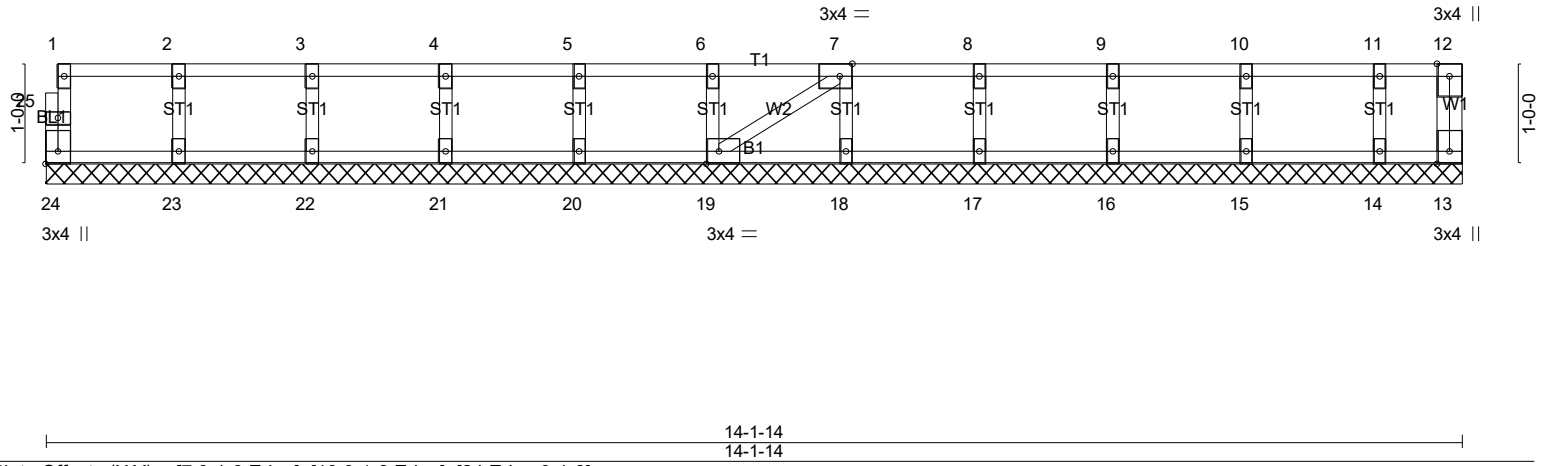

14-1-14
14-1-14

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [19:0-1-8,Edge], [24:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	13	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 59 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 14-1-14.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7-8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-02	Floor	6	1	Job Reference (optional) **# 44208**

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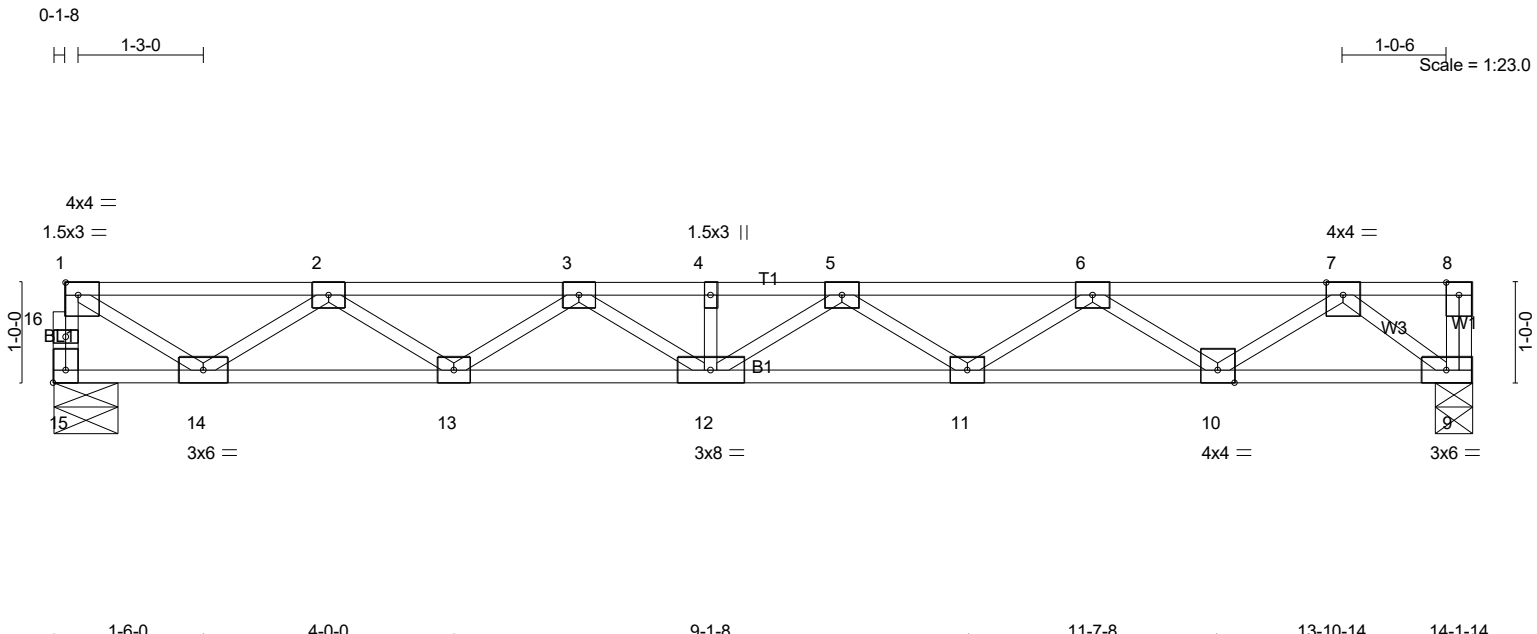

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [15:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.30	Vert(LL)	-0.16	12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.58	Vert(CT)	-0.22	11-12	>762	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 71 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 15=759/0-7-14 (min. 0-1-8), 9=765/0-4-4 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 15-16=-753/0, 1-16=-752/0, 1-2=-1027/0, 2-3=-2403/0, 3-4=-3009/0, 4-5=-3009/0, 5-6=-2727/0, 6-7=-1699/0
BOT CHORD 13-14=0/1924, 12-13=0/2845, 11-12=0/3018, 10-11=0/2402, 9-10=0/959
WEBS 1-14=0/1169, 2-14=-1096/0, 2-13=0/584, 3-13=-540/0, 5-11=-355/0, 6-11=0/397, 6-10=-858/0, 7-10=0/904, 7-9=-1202/0

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-03	Floor	2	1	Job Reference (optional) **# 44208**

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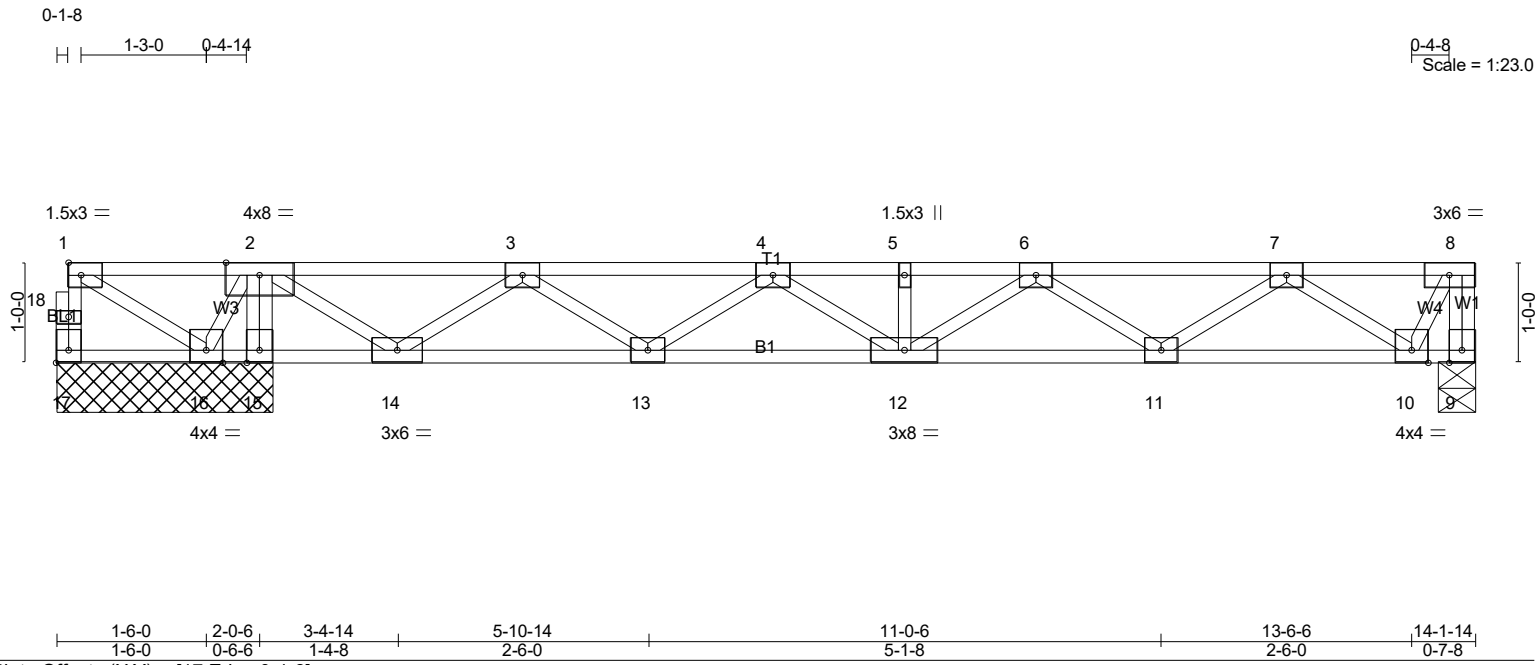

Plate Offsets (X,Y)-- [17:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.38	Vert(LL)	-0.06	12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.31	Vert(CT)	-0.08	12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.01	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 74 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 17=-513/2-1-14 (min. 0-1-8), 9=547/0-4-4 (min. 0-1-8), 15=1856/2-1-14 (min. 0-1-8), 16=-365/2-1-14 (min. 0-1-8)
Max Uplift17=-575(LC 4), 16=-391(LC 4)
Max Grav 9=547(LC 4), 15=1856(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-18=0/585, 1-18=0/583, 8-9=-550/0, 1-2=0/911, 2-3=0/491, 3-4=-897/0, 4-5=-1527/0, 5-6=-1527/0, 6-7=-1268/0, 7-8=-279/0
BOT CHORD 15-16=-1496/0, 14-15=-1447/0, 13-14=0/396, 12-13=0/1357, 11-12=0/1554, 10-11=0/947
WEBS 2-15=-1775/0, 1-16=-1050/0, 2-16=0/1095, 2-14=0/1139, 3-14=-1083/0, 3-13=0/616, 4-13=-566/0, 6-11=-349/0, 7-11=0/393, 7-10=-815/0, 8-10=0/563

NOTES- (6-7)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 575 lb uplift at joint 17 and 391 lb uplift at joint 16.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.
6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-04	Floor	2	1	Job Reference (optional) **# 44208**

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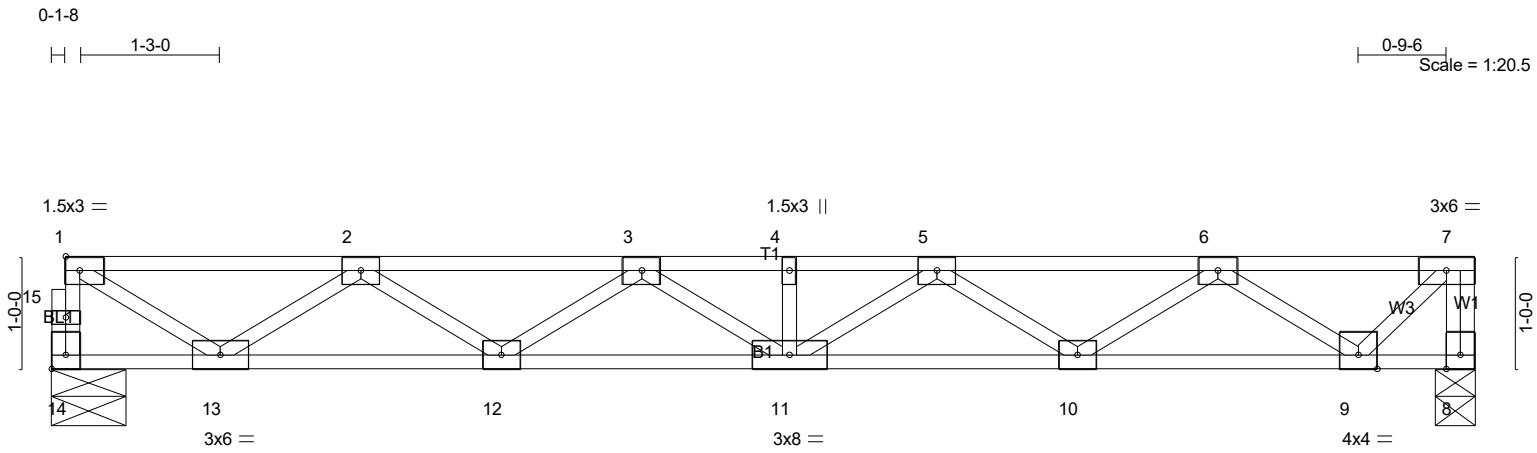

Plate Offsets (X,Y)-- [14:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.10	11	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.46	Vert(CT)	-0.14	11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.03	8	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 64 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=676/0-7-14 (min. 0-1-8), 8=682/0-4-4 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-15=-671/0, 1-15=-669/0, 7-8=-680/0, 1-2=-898/0, 2-3=-2040/0, 3-4=-2406/0, 4-5=-2406/0, 5-6=-1885/0, 6-7=-618/0
BOT CHORD 12-13=0/1679, 11-12=0/2365, 10-11=0/2293, 9-10=0/1442
WEBS 1-13=0/1022, 2-13=-953/0, 2-12=0/441, 3-12=-397/0, 5-10=-498/0, 6-10=0/541, 6-9=-1005/0, 7-9=0/859

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-05	Floor	3	1	Job Reference (optional) **# 44208**

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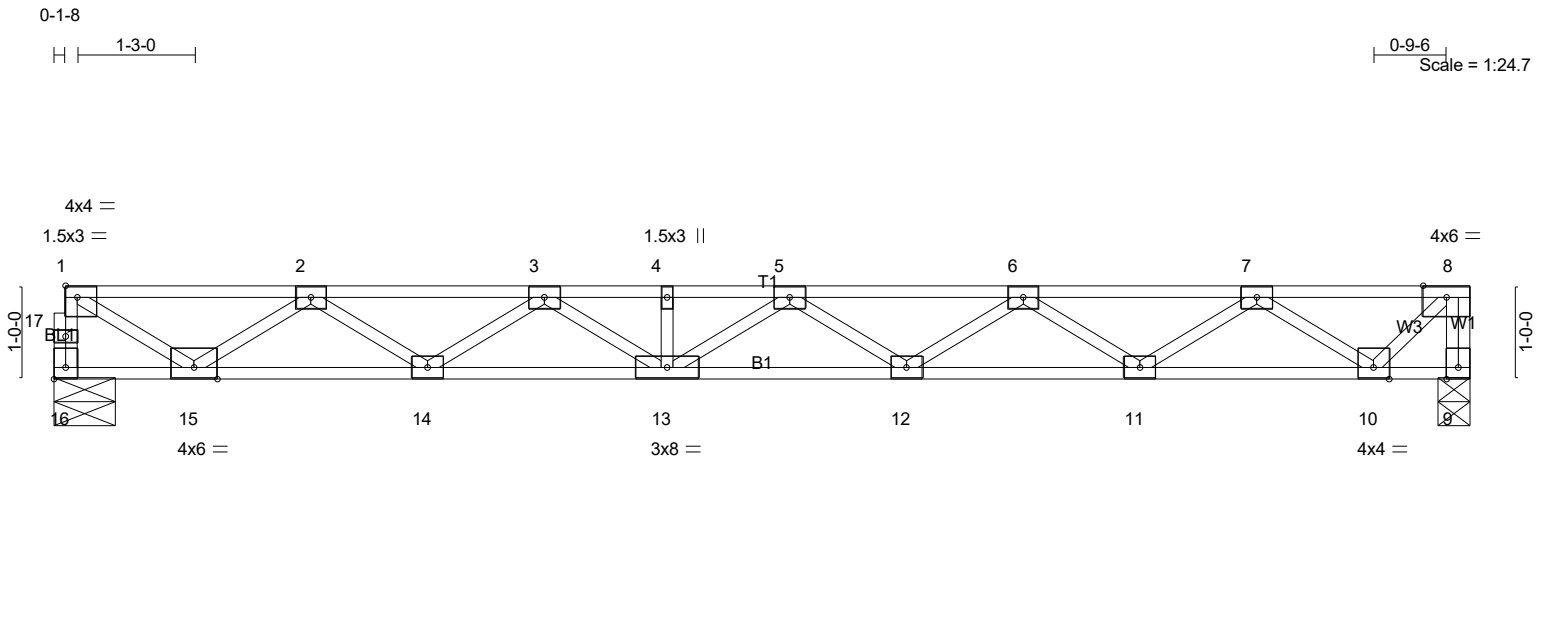

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [16:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.39	Vert(LL)	-0.21	12-13	>864	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.68	Vert(CT)	-0.29	12-13	>626	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 76 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=814/0-7-14 (min. 0-1-8), 9=820/0-4-4 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 16-17=-808/0, 1-17=-806/0, 8-9=-817/0, 1-2=-1112/0, 2-3=-2645/0, 3-4=-3411/0, 4-5=-3411/0, 5-6=-3288/0, 6-7=-2423/0, 7-8=-758/0
BOT CHORD 14-15=0/2088, 13-14=0/3165, 12-13=0/3503, 11-12=0/3037, 10-11=0/1773
WEBS 1-15=0/1268, 2-15=-1191/0, 2-14=0/679, 3-14=-635/0, 3-13=0/296, 5-12=-263/0, 6-12=0/306, 6-11=-750/0, 7-11=0/792, 7-10=-1240/0, 8-10=0/1053

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-06	Floor	1	1	Job Reference (optional) **# 44208**

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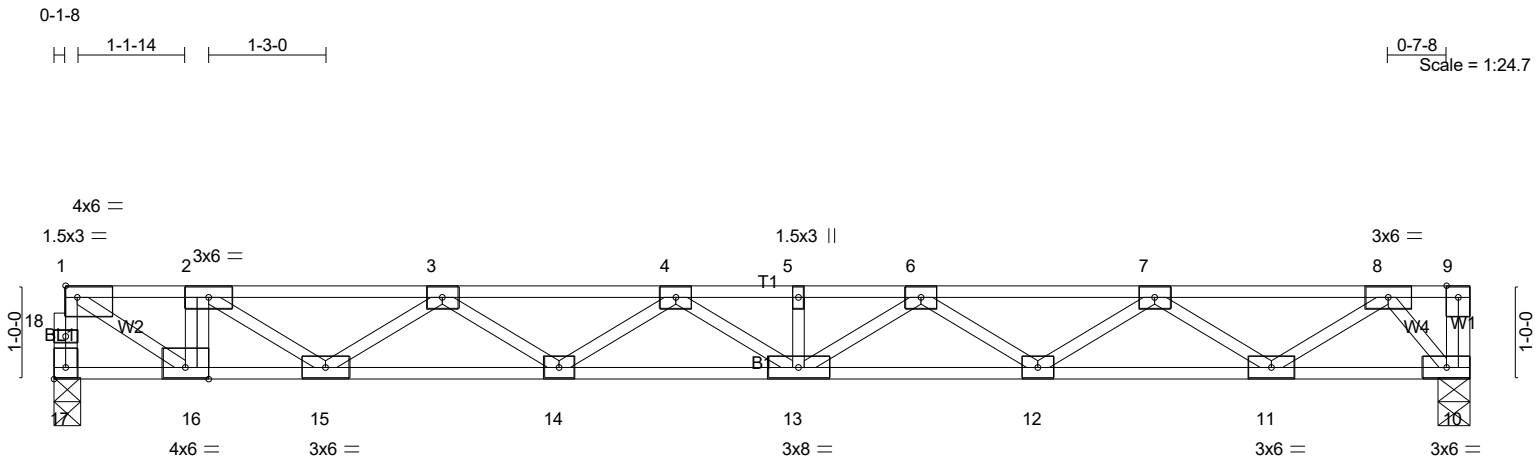

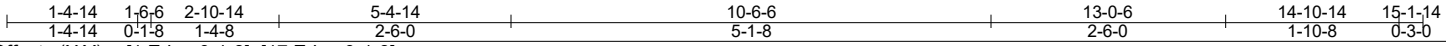

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [17:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.34	Vert(LL)	-0.21	13	>863	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.67	Vert(CT)	-0.29	13-14	>626	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.05	10	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 78 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 17=814/0-3-8 (min. 0-1-8), 10=820/0-4-4 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-18=-806/0, 1-18=-804/0, 1-2=-1234/0, 2-3=-2070/0, 3-4=-3146/0, 4-5=-3465/0, 5-6=-3465/0, 6-7=-2894/0, 7-8=-1583/0
BOT CHORD 15-16=0/1234, 14-15=0/2802, 13-14=0/3454, 12-13=0/3327, 11-12=0/2427, 10-11=0/705
WEBS 2-16=-754/0, 1-16=0/1404, 2-15=0/991, 3-15=-894/0, 3-14=0/420, 4-14=-376/0, 6-12=-528/0, 7-12=0/570, 7-11=-1030/0, 8-11=0/1072, 8-10=-1083/0

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-07	Floor Supported Gable	1	1	Job Reference (optional) **# 44208**

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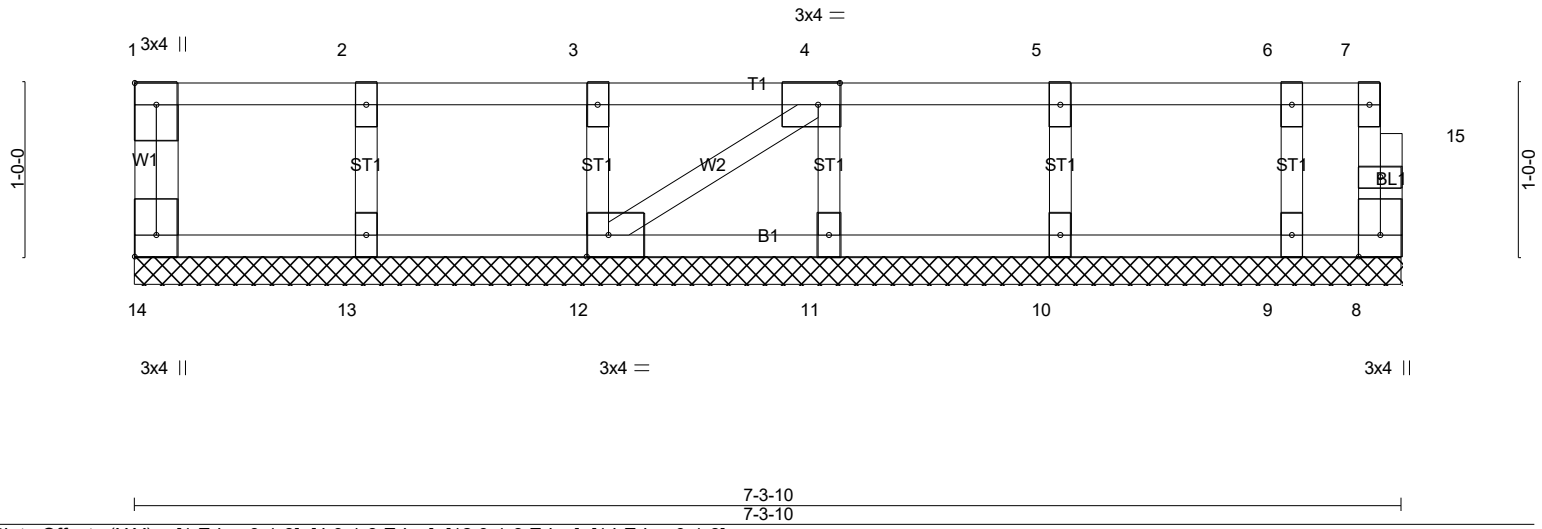

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [12:0-1-8,Edge], [14:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-P							Weight: 33 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 7-3-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 7-3-10.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 8
Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (8-9)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
8) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
9) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-08	Floor	3	1	Job Reference (optional) **# 44208**

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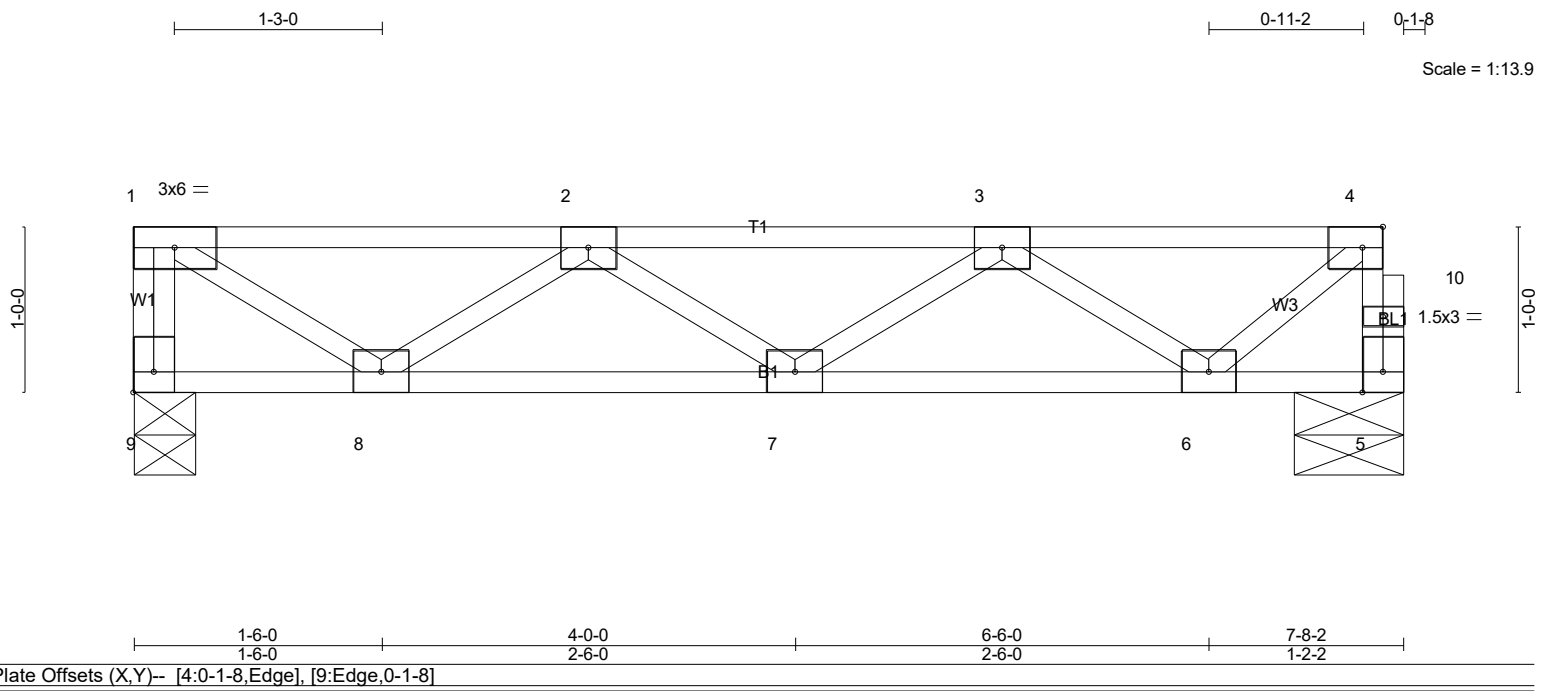

Plate Offsets (X,Y)-- [4:0-1-8,Edge], [9:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.18	Vert(LL)	-0.01	7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.12	Vert(CT)	-0.01	7	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-P							Weight: 39 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 9=272/0-4-8 (min. 0-1-8), 5=268/0-7-14 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-268/0, 5-10=-267/0, 4-10=-266/0, 1-2=-311/0, 2-3=-563/0, 3-4=-252/0
BOT CHORD 7-8=0/574, 6-7=0/528
WEBS 1-8=0/368, 2-8=-321/0, 3-6=-336/0, 4-6=0/311

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-08A	Floor	1	1	Job Reference (optional) **# 44208**

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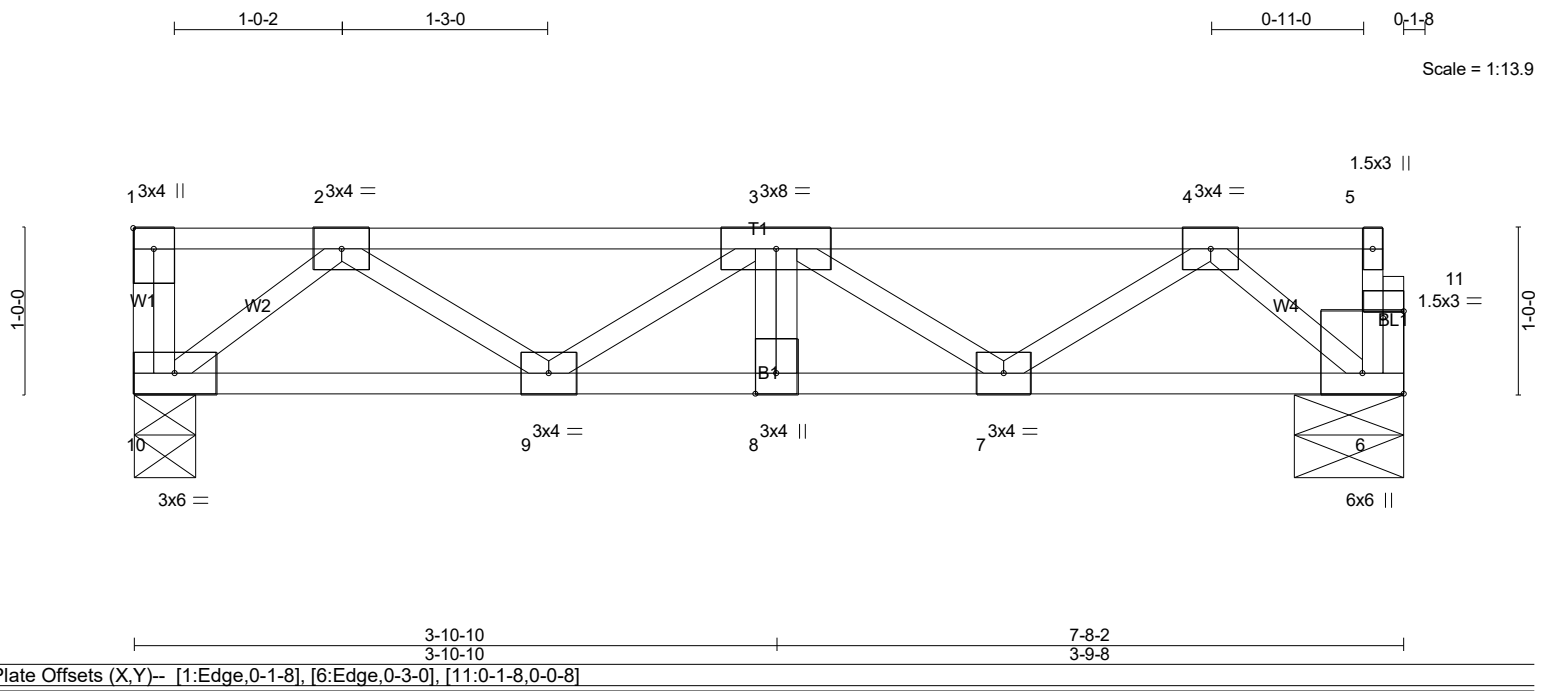

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [6:Edge,0-3-0], [11:0-1-8,0-0-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	-0.01	8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.29	Vert(CT)	-0.03	8	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-P							Weight: 41 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=438/0-4-8 (min. 0-1-8), 6=438/0-7-14 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-927/0, 3-4=-910/0
BOT CHORD 9-10=0/540, 8-9=0/1321, 7-8=0/1321, 6-7=0/507
WEBS 3-9=-467/0, 2-9=0/472, 2-10=-682/0, 3-7=-488/0, 4-7=0/491, 4-6=-662/0

NOTES- (4-5)
1) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-10=-7, 1-5=-67
Concentrated Loads (lb)
Vert: 3=-335
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-10=-7, 1-5=-67
Concentrated Loads (lb)
Vert: 3=-335

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-09	Floor Supported Gable	1	1	Job Reference (optional) **# 44208**

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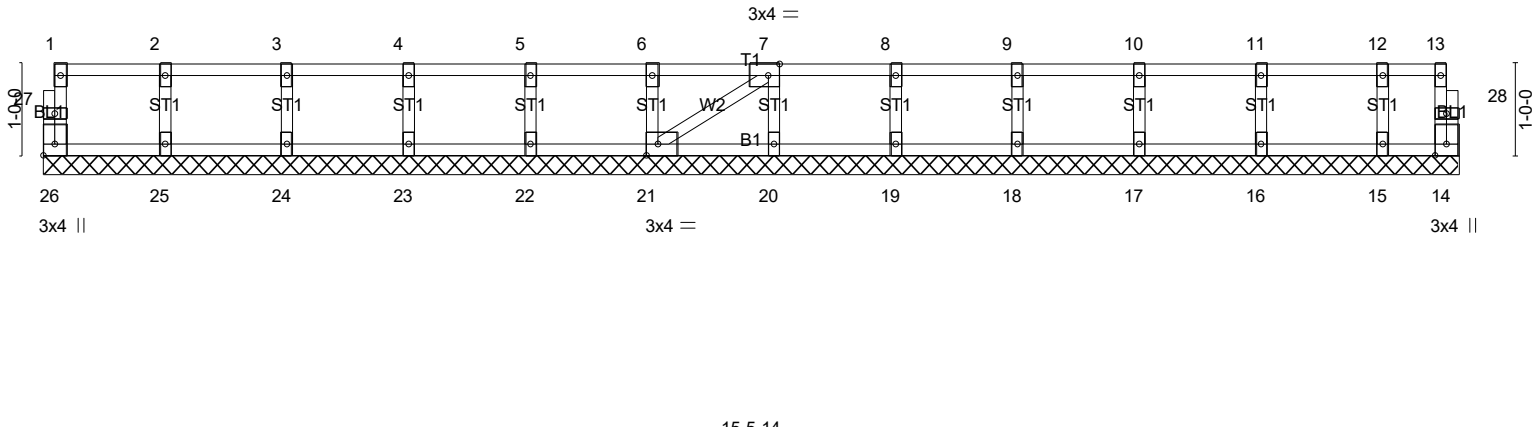

15-5-14
15-5-14

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [21:0-1-8,Edge], [26:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	14	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 64 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 15-5-14.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 26, 14, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (6-7)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-10	Floor	4	1	Job Reference (optional) **# 44208**

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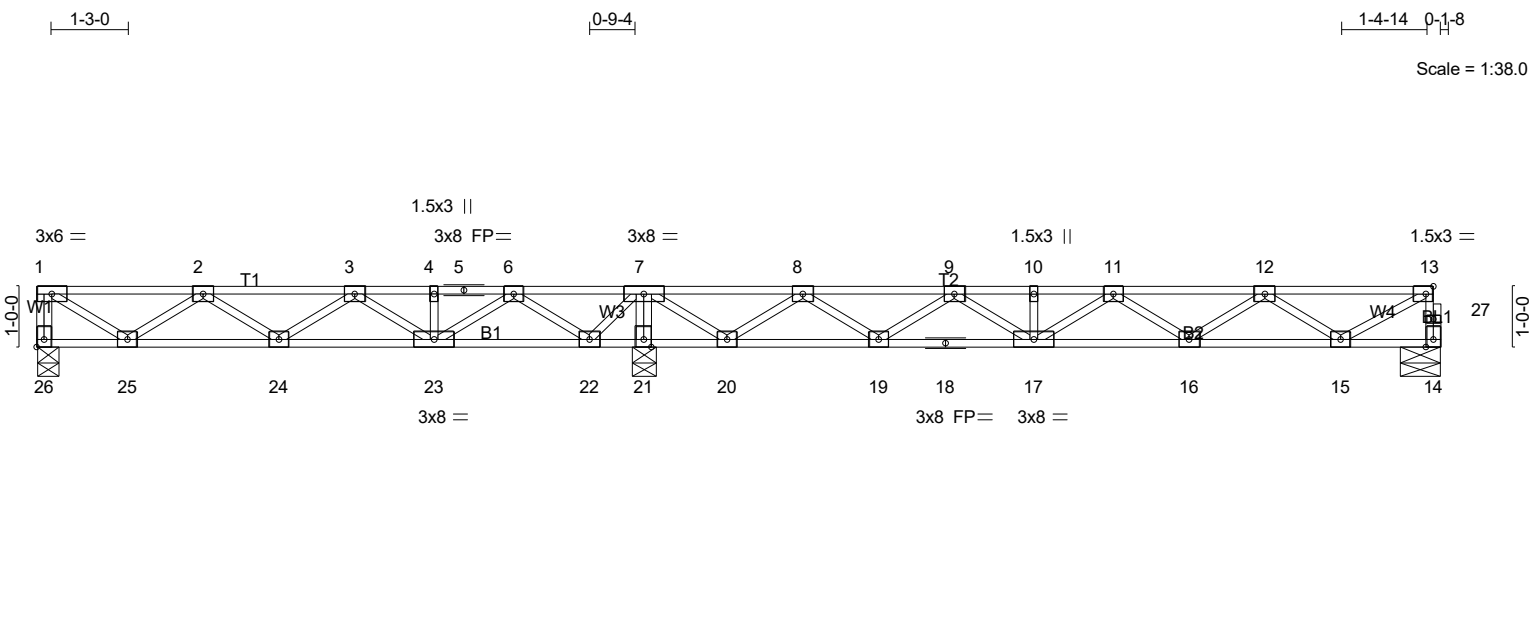

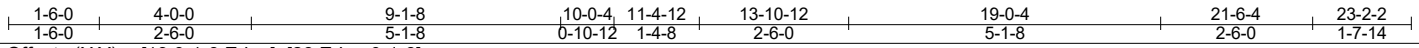

Plate Offsets (X,Y)-- [13:0-1-8,Edge], [26:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.32	Vert(LL)	-0.06	17	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.25	Vert(CT)	-0.08	17	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	14	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 116 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 26=240/0-4-8 (min. 0-1-8), 14=380/0-7-14 (min. 0-1-8), 21=1057/0-4-8 (min. 0-1-8)
Max Grav 26=302(LC 3), 14=401(LC 4), 21=1057(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-26=-298/0, 14-27=-397/0, 13-27=-396/0, 1-2=-359/20, 2-3=-688/156, 3-4=-488/439, 4-5=-488/439, 5-6=-488/439, 6-7=0/929, 7-8=0/590, 8-9=-704/79, 9-10=-1229/0, 10-11=-1229/0, 11-12=-1163/0, 12-13=-570/0
BOT CHORD 24-25=-60/665, 23-24=-276/686, 22-23=-658/180, 21-22=-1335/0, 20-21=-1316/0, 19-20=-234/322, 18-19=0/1061, 17-18=0/1061, 16-17=0/1290, 15-16=0/1012
WEBS 7-21=-1029/0, 1-25=-24/425, 2-25=-375/48, 3-23=-346/0, 6-23=0/493, 6-22=-678/0, 7-22=0/562, 7-20=0/863, 8-20=-809/0, 8-19=0/506, 9-19=-474/0, 12-15=-539/0, 13-15=0/631

NOTES- (5-6)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-10A	Floor	5	1	Job Reference (optional) **# 44208**

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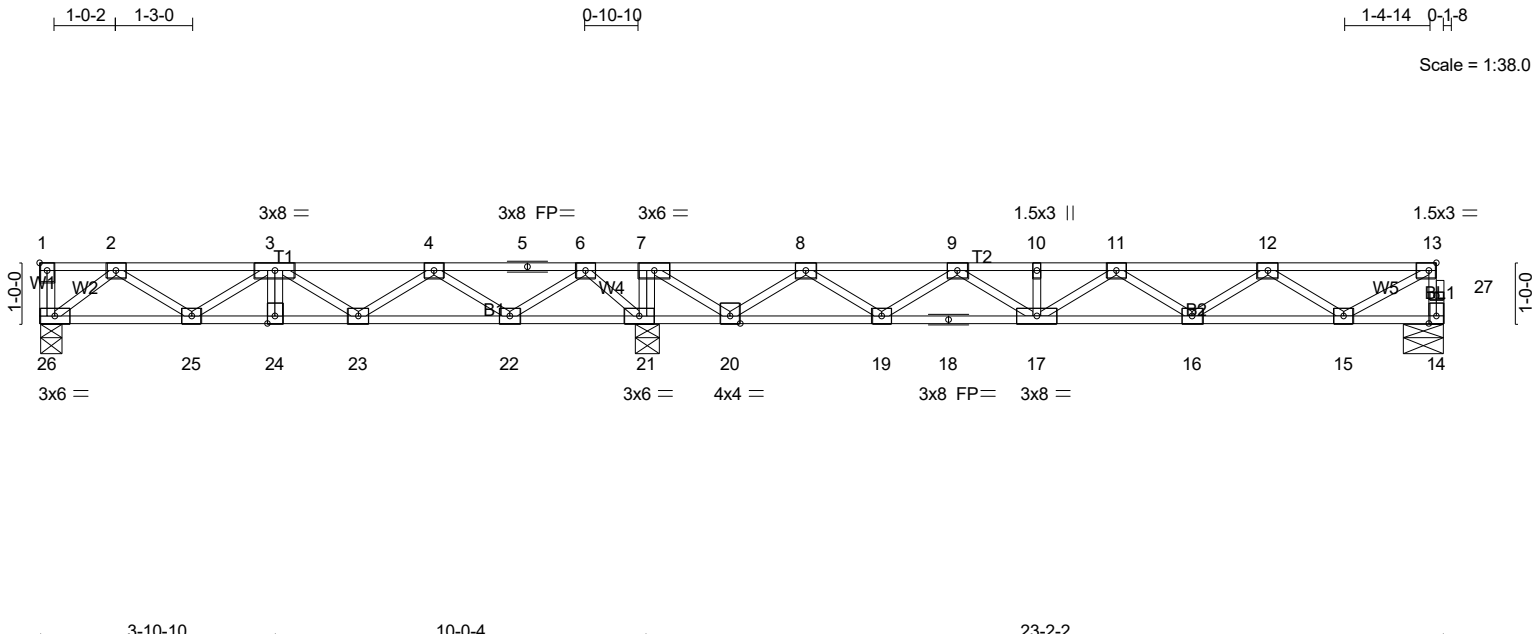


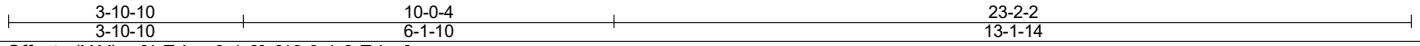


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.46	Vert(LL)	-0.06	17	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.34	Vert(CT)	-0.07	16-17	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.43	Horz(CT)	0.01	14	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 117 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

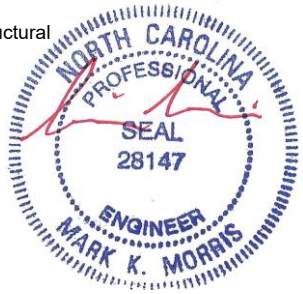
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 26=425/0-4-8 (min. 0-1-8), 14=363/0-7-14 (min. 0-1-8), 21=1224/0-4-8 (min. 0-1-8)
Max Grav 26=487(LC 3), 14=384(LC 4), 21=1224(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-27=-380/0, 13-27=-379/0, 2-3=-1060/0, 3-4=-1202/0, 4-5=-301/506, 5-6=-301/506, 6-7=0/1589, 7-8=0/820, 8-9=-525/255, 9-10=-1100/0, 10-11=-1100/0, 11-12=-1085/0, 12-13=-540/0
BOT CHORD 25-26=0/605, 24-25=0/1529, 23-24=0/1529, 22-23=-88/877, 21-22=-943/0, 20-21=-1589/0, 19-20=-432/118, 18-19=-104/906, 17-18=-104/906, 16-17=0/1187, 15-16=0/958
WEBS 7-21=-621/0, 3-25=-556/0, 2-25=0/556, 2-26=-764/0, 3-23=-502/0, 4-23=0/504, 4-22=-814/0, 6-22=0/833, 6-21=-882/0, 7-20=0/912, 8-20=-846/0, 8-19=0/533, 9-19=-502/0, 9-17=0/269, 12-15=-510/0, 13-15=0/598

NOTES- (6-7)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.
6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-13=-67
Concentrated Loads (lb)
Vert: 3=-335
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-13=-67



1/16/2024

Continued on page 2

Warning - Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 3=-335
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-7=-67, 7-13=-13
Concentrated Loads (lb)
Vert: 3=-335
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-7=-13, 7-13=-67
Concentrated Loads (lb)
Vert: 3=-335
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-7=-67, 7-13=-13
Concentrated Loads (lb)
Vert: 3=-335
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-7, 1-7=-13, 7-13=-67
Concentrated Loads (lb)
Vert: 3=-335

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-11	Floor	3	1	Job Reference (optional) **# 44208**

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Jan 16 20:25:31 2024 Page 1
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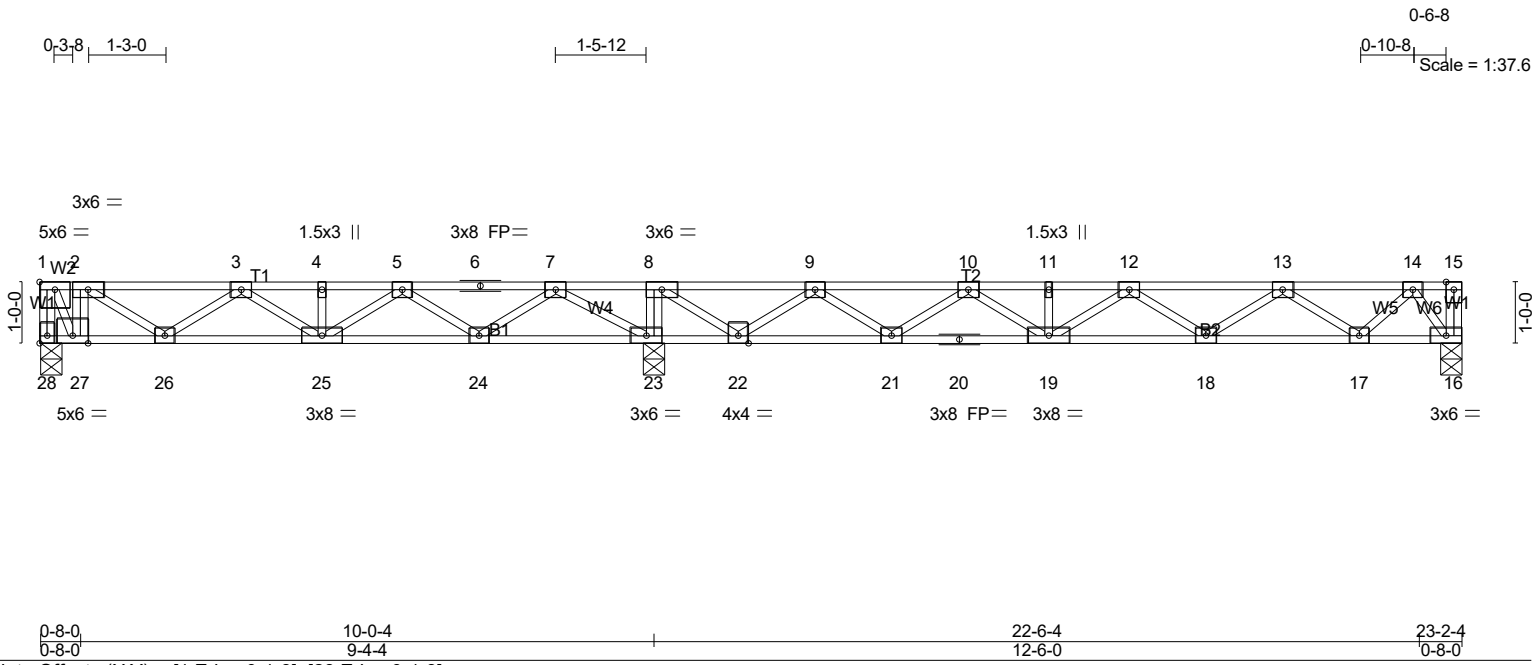

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [28:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.43	Vert(LL)	-0.06	19	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.27	Vert(CT)	-0.07	18-19	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.63	Horz(CT)	0.01	16	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 119 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 28=1054/0-4-8 (min. 0-1-8), 23=1120/0-4-8 (min. 0-1-8), 16=378/0-4-0 (min. 0-1-8)
Max Grav 28=1115(LC 2), 23=1120(LC 1), 16=399(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-1096/0, 1-2=-698/0, 2-3=-890/0, 3-4=-949/0, 4-5=-949/0, 5-6=-408/459, 6-7=-408/459, 7-8=0/1431, 8-9=0/679, 9-10=-633/149, 10-11=-1177/0, 11-12=-1177/0, 12-13=-1128/0, 13-14=-587/0
BOT CHORD 26-27=0/698, 25-26=0/1034, 24-25=-191/783, 23-24=-750/12, 22-23=-1431/0, 21-22=-312/241, 20-21=-11/1000, 19-20=-11/1000, 18-19=0/1258, 17-18=0/975, 16-17=0/301
WEBS 2-27=-1146/0, 8-23=-626/0, 1-27=0/1326, 5-25=0/308, 5-24=-569/0, 7-24=0/593, 7-23=-976/0, 8-22=0/890, 9-22=-827/0, 9-21=0/516, 10-21=-484/0, 13-17=-473/0, 14-17=0/404, 14-16=-497/0

NOTES- (7)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Load case(s) 1, 2, 3, 4, 5 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
4) Standard loadcase(s) has been removed. Building designer must review loads shown to verify that they are correct for the intended use of the truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S)
1) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-28=-7, 1-15=-67
Concentrated Loads (lb)
Vert: 2=-870
2) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-28=-7, 1-8=-67, 8-15=-13
Concentrated Loads (lb)
Vert: 2=-870

1/16/2024

Continued on page 2

Warning - Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

LOAD CASE(S)

3) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 16-28=-7, 1-8=-13, 8-15=-67
   Concentrated Loads (lb)
      Vert: 2=-870
4) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 16-28=-7, 1-8=-67, 8-15=-13
   Concentrated Loads (lb)
      Vert: 2=-870
5) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 16-28=-7, 1-8=-13, 8-15=-67
   Concentrated Loads (lb)
      Vert: 2=-870

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-11A	Floor	6	1	Job Reference (optional) **# 44208**

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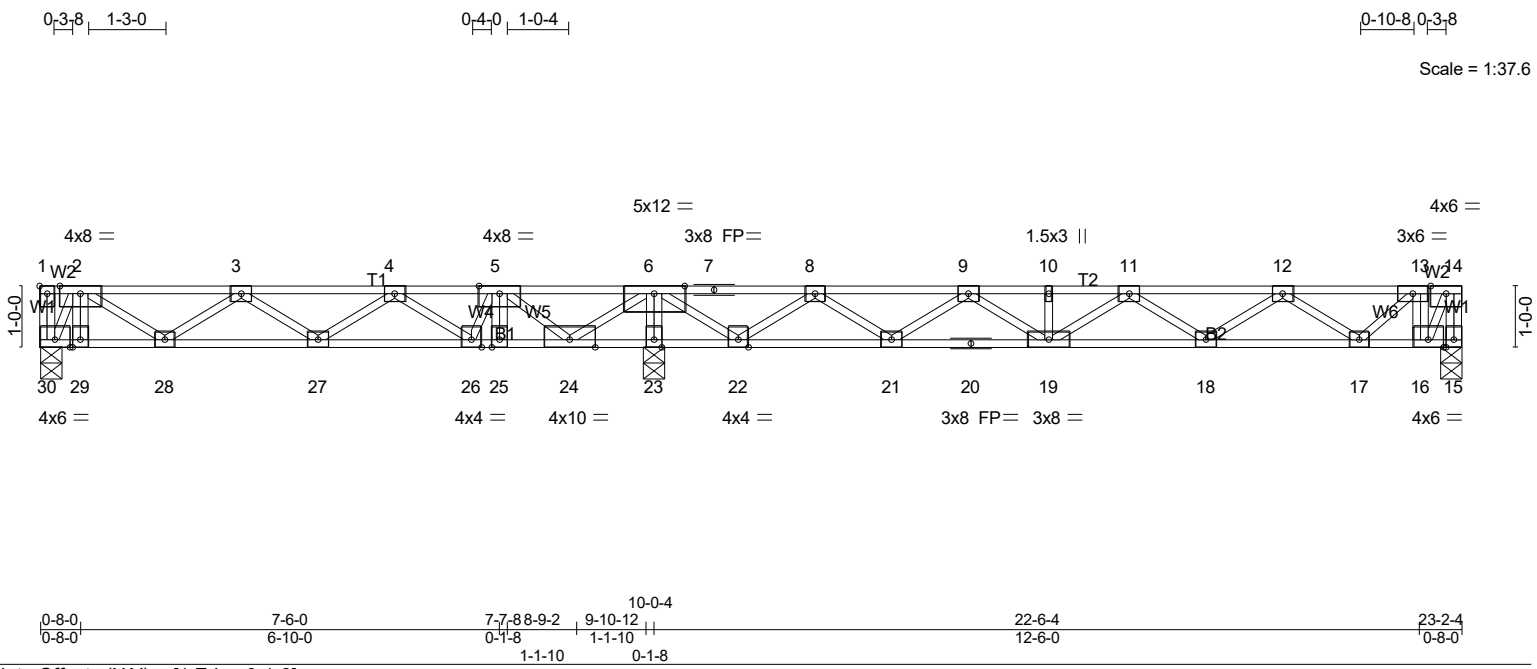

Plate Offsets (X,Y)-- [1:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.49	Vert(LL)	-0.06	19	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.42	Vert(CT)	-0.08	26-27	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.62	Horz(CT)	0.02	23	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 123 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat) *Except*
W3: 2x4 SP No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 15=330/0-4-0 (min. 0-1-8), 23=1934/0-4-8 (min. 0-1-8), 30=1223/0-4-8 (min. 0-1-8)
Max Grav 15=350(LC 4), 23=1934(LC 1), 30=1286(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-15=-345/0, 2-3=-1291/0, 3-4=-1814/0, 4-5=-1840/0, 5-6=-331/335, 6-7=0/1321, 7-8=0/1321, 8-9=-129/654, 9-10=-813/275, 10-11=-813/275, 11-12=-906/53, 12-13=-499/0
BOT CHORD 29-30=0/839, 28-29=0/840, 27-28=0/1682, 26-27=0/1923, 25-26=0/1787, 24-25=0/1787, 23-24=-2124/0, 22-23=-2124/0, 21-22=-892/0, 20-21=-444/565, 19-20=-444/565, 18-19=-140/965, 17-18=0/822
WEBS 6-23=-1887/0, 2-30=-1540/0, 13-16=-363/0, 2-28=0/539, 3-28=-477/0, 6-24=0/2201, 5-24=-1933/0, 6-22=0/951, 8-22=-900/0, 8-21=0/607, 9-21=-572/0, 9-19=0/333, 12-17=-395/17, 13-17=0/365, 14-16=0/426

NOTES- (6)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-30=-7, 1-14=-67
Concentrated Loads (lb)
Vert: 2=-870 5=-935
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-30=-7, 1-14=-67
Concentrated Loads (lb)
Vert: 2=-870 5=-935
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00

1/16/2024

Continued on page 2

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LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 15-30=-7, 1-6=-67, 6-14=-13
Concentrated Loads (lb)
Vert: 2=-870 5=-935
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-30=-7, 1-6=-13, 6-14=-67
Concentrated Loads (lb)
Vert: 2=-870 5=-935
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-30=-7, 1-6=-67, 6-14=-13
Concentrated Loads (lb)
Vert: 2=-870 5=-935
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-30=-7, 1-6=-13, 6-14=-67
Concentrated Loads (lb)
Vert: 2=-870 5=-935

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-12	Floor	4	1	Job Reference (optional) **# 44208**

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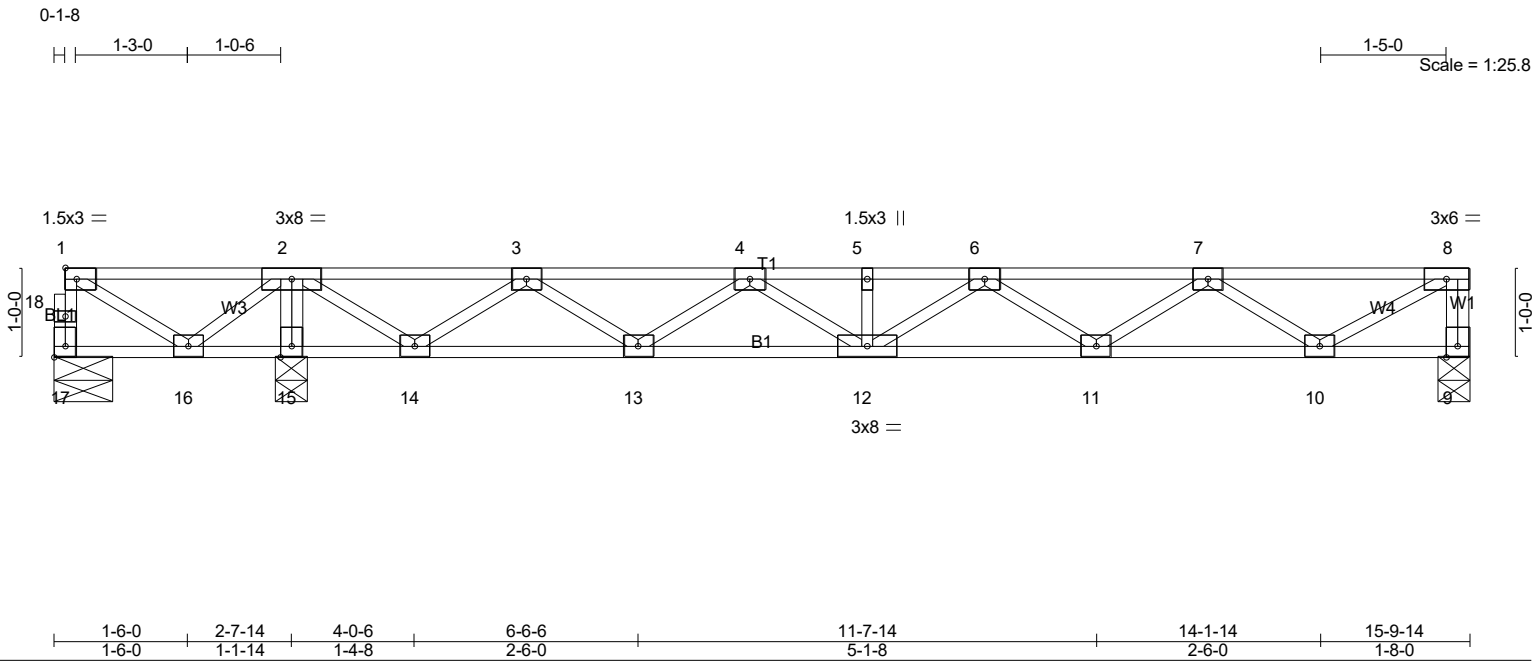

Plate Offsets (X,Y)-- [17:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.31	Vert(LL)	-0.05	12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.24	Vert(CT)	-0.07	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 80 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 17=-348/0-7-14 (min. 0-1-8), 9=393/0-4-0 (min. 0-1-8), 15=1092/0-4-8 (min. 0-1-8)
Max Uplift17=-409(LC 4)
Max Grav 9=394(LC 4), 15=1092(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-18=0/414, 1-18=0/413, 8-9=-389/0, 1-2=0/654, 2-3=0/472, 3-4=-586/0, 4-5=-1145/0, 5-6=-1145/0, 6-7=-1115/0, 7-8=-553/0
BOT CHORD 15-16=-1205/0, 14-15=-1197/0, 12-13=0/959, 11-12=0/1223, 10-11=0/982
WEBS 2-15=-1063/0, 1-16=-751/0, 2-16=0/689, 2-14=0/861, 3-14=-804/0, 3-13=0/494, 4-13=-462/0, 7-10=-524/0, 8-10=0/636

NOTES- (6-7)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 409 lb uplift at joint 17.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.
6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-13	Floor	2	1	Job Reference (optional) **# 44208**

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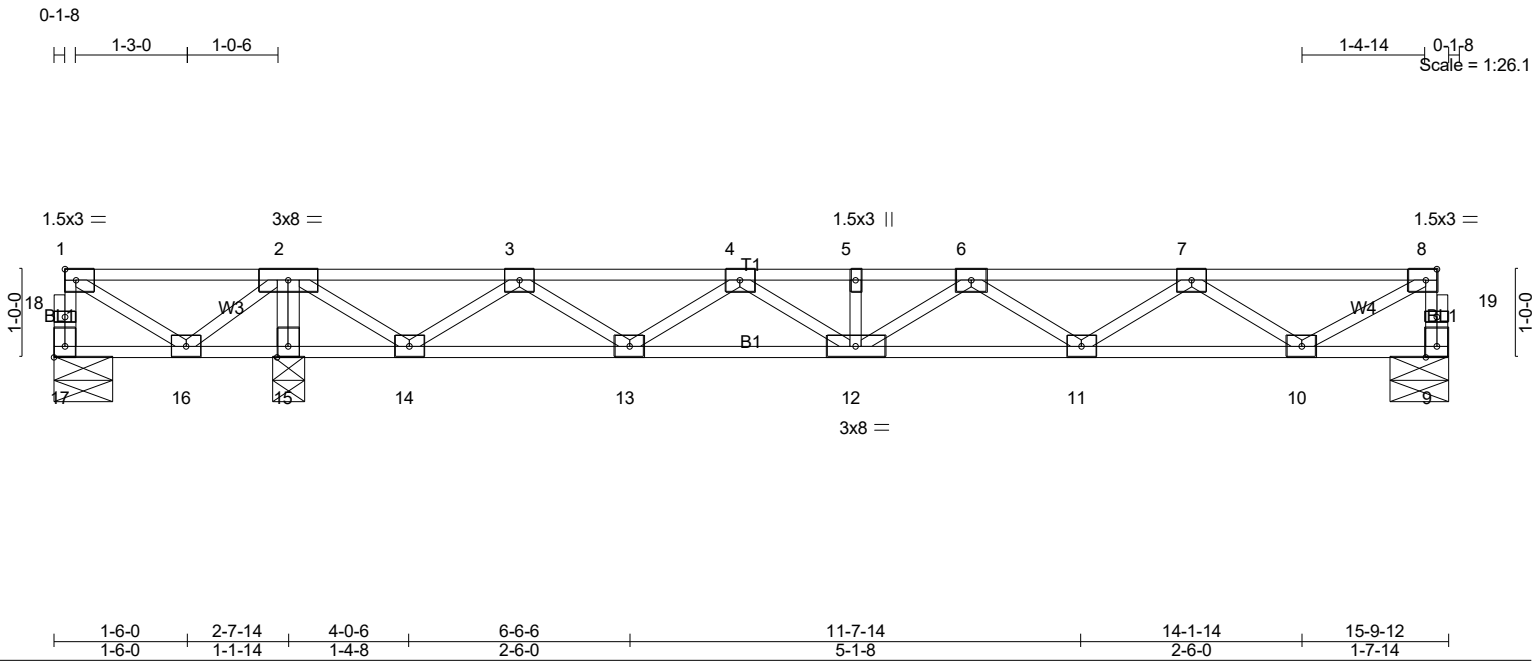

Plate Offsets (X,Y)-- [8:0-1-8,Edge], [17:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.31	Vert(LL)	-0.05	12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.24	Vert(CT)	-0.07	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 80 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 17=-346/0-7-14 (min. 0-1-8), 9=389/0-7-14 (min. 0-1-8), 15=1090/0-4-8 (min. 0-1-8)
Max Uplift17=-407(LC 4)
Max Grav 9=390(LC 4), 15=1090(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-18=0/412, 1-18=0/411, 9-19=-386/0, 8-19=-385/0, 1-2=0/652, 2-3=0/469, 3-4=-587/0, 4-5=-1144/0, 5-6=-1144/0, 6-7=-1112/0, 7-8=-551/0
BOT CHORD 15-16=-1201/0, 14-15=-1193/0, 12-13=0/960, 11-12=0/1222, 10-11=0/977
WEBS 2-15=-1061/0, 1-16=-748/0, 2-16=0/687, 2-14=0/860, 3-14=-803/0, 3-13=0/493, 4-13=-461/0, 7-10=-520/0, 8-10=0/609

NOTES- (6-7)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 407 lb uplift at joint 17.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.
6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-14	GABLE	1	1	Job Reference (optional) **# 44208**

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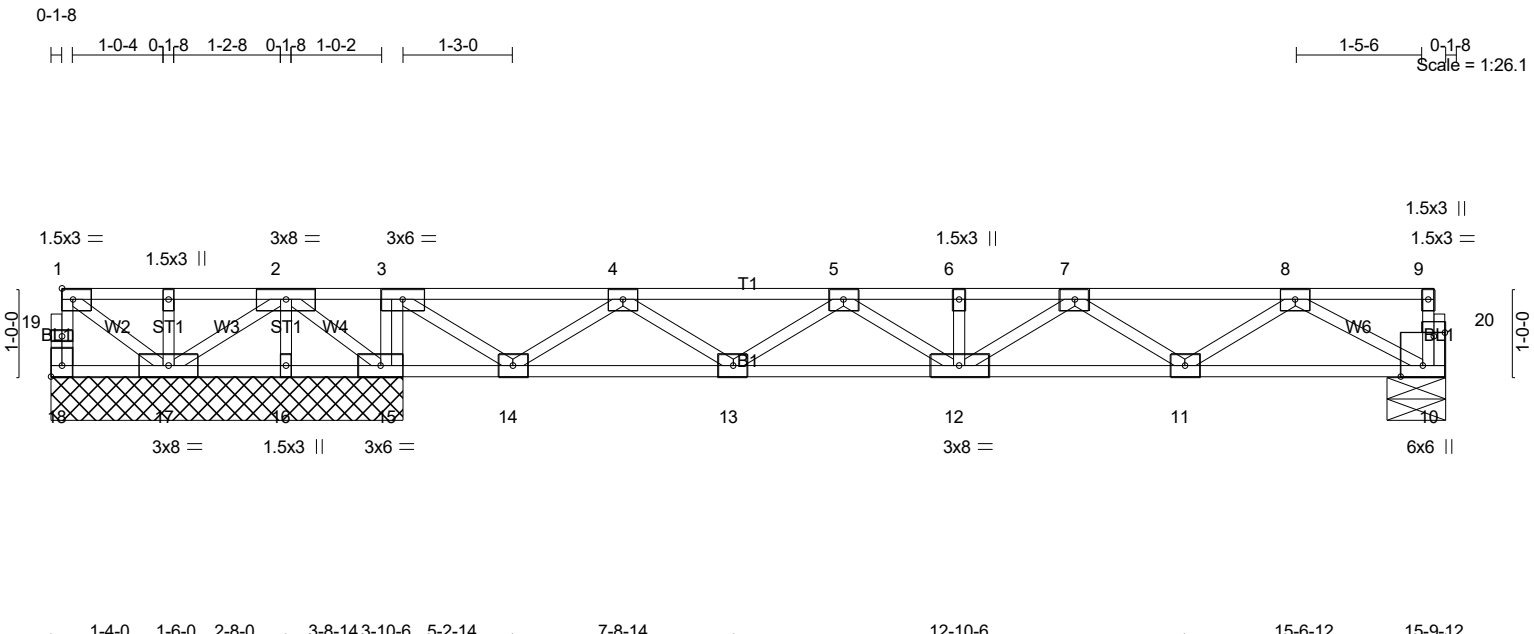


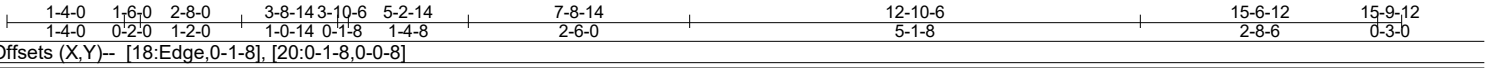


Plate Offsets (X,Y)-- [18:Edge,0-1-8], [20:0-1-8,0-0-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.31	Vert(LL)	-0.04	12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.20	Vert(CT)	-0.05	12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 82 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

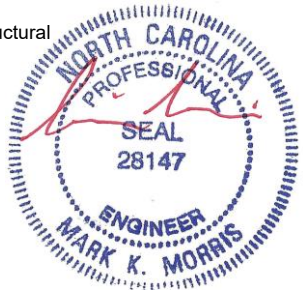
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 3-11-14 except (jt=length) 10=0-7-14.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 18, 16 except 17=-211(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 18, 16 except 10=354(LC 4), 15=936(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/986, 3-4=0/337, 4-5=-581/0, 5-6=-983/0, 6-7=-983/0, 7-8=-793/0
BOT CHORD 16-17=-555/0, 15-16=-555/0, 14-15=-986/0, 13-14=0/257, 12-13=0/879, 11-12=0/994, 10-11=0/565
WEBS 3-15=-534/0, 2-17=0/542, 2-15=-633/0, 3-14=0/769, 4-14=-713/0, 4-13=0/397, 5-13=-365/0, 8-11=0/279, 8-10=-643/0

NOTES- (7-8)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Gable studs spaced at 1-4-0 oc.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 16 except (jt=lb) 17=211.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-15	Floor	5	1	Job Reference (optional) **# 44208**

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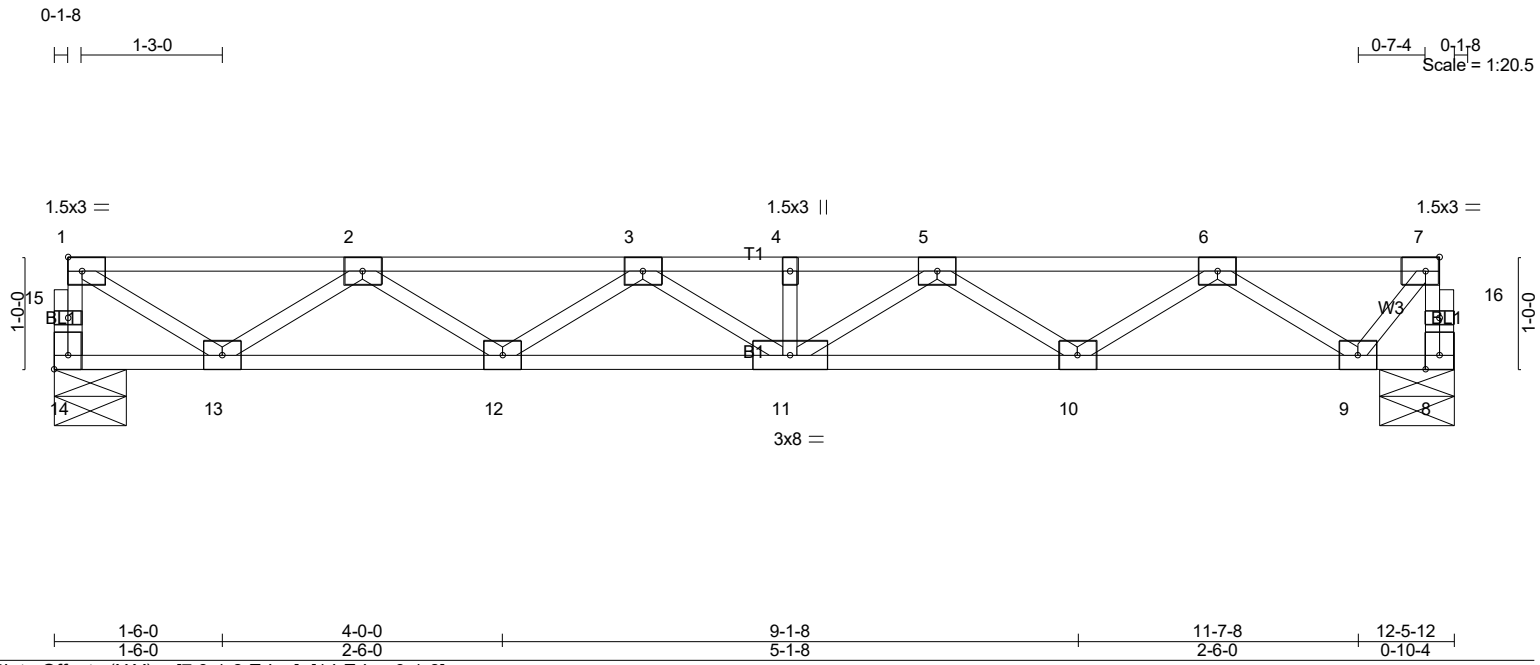

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [14:Edge,0-1-8]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.18	Vert(LL)	-0.06	11	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.30	Vert(CT)	-0.09	11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.02	8	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 63 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=444/0-7-14 (min. 0-1-8), 8=444/0-7-14 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-15=-441/0, 1-15=-440/0, 8-16=-445/0, 7-16=-444/0, 1-2=-588/0, 2-3=-1331/0, 3-4=-1556/0, 4-5=-1556/0, 5-6=-1189/0, 6-7=-334/0
BOT CHORD 12-13=0/1100, 11-12=0/1539, 10-11=0/1473, 9-10=0/881
WEBS 1-13=0/669, 2-13=-624/0, 2-12=0/283, 3-12=-253/0, 5-10=-347/0, 6-10=0/375, 6-9=-668/0, 7-9=0/499

NOTES- (3-4)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
4) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-16	Floor Supported Gable	1	1	Job Reference (optional) **# 44208**

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0-1-8 0-1-8

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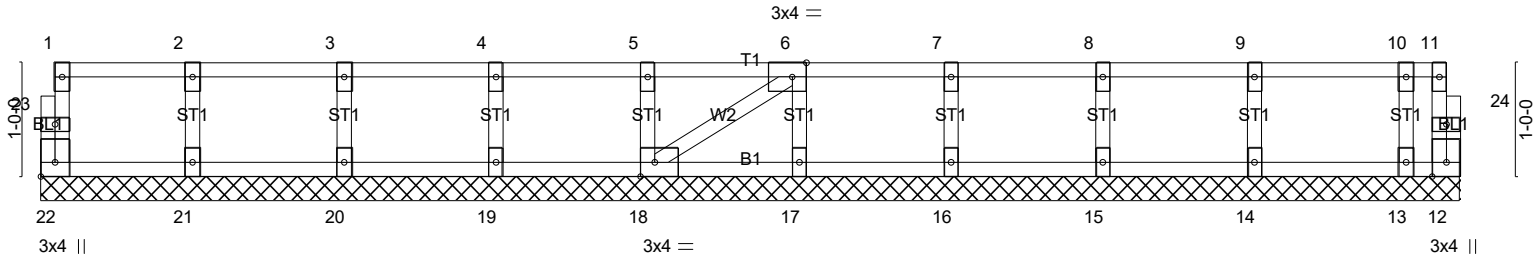

12-5-12
12-5-12

Plate Offsets (X,Y)-- [6:0-1-8,Edge], [18:0-1-8,Edge], [22:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	18	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 53 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 12-5-12.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 12
Max Grav All reactions 250 lb or less at joint(s) 22, 12, 21, 20, 19, 18, 17, 16, 15, 14, 13

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7-8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-19	Floor Supported Gable	2	1	Job Reference (optional) **# 44208**

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0-1-8

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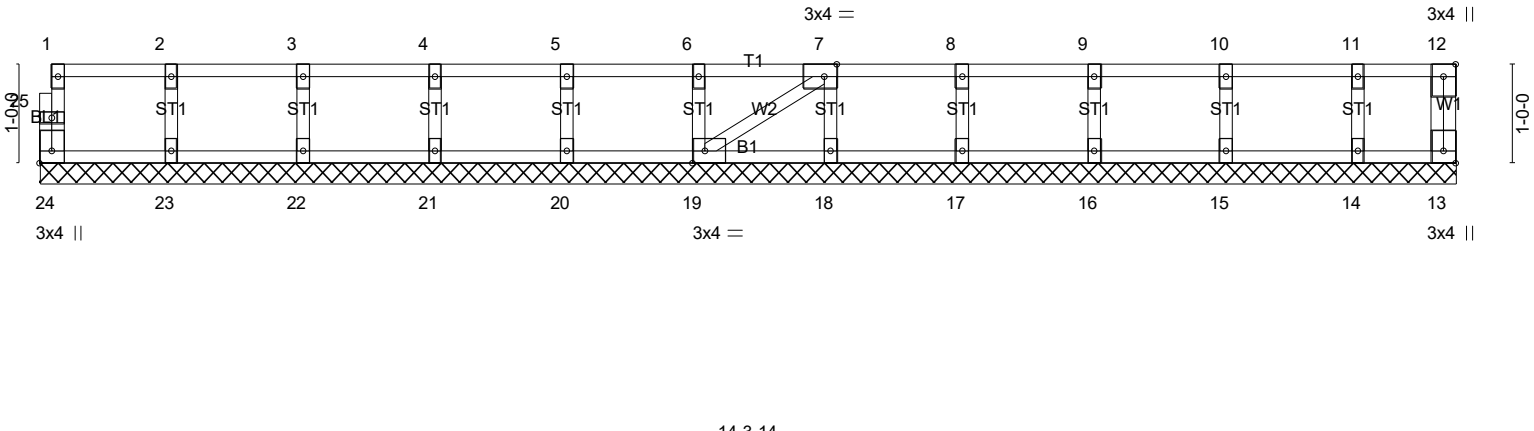

14-3-14
14-3-14

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [13:Edge,0-1-8], [19:0-1-8,Edge], [24:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	13	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 60 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 14-3-14.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7-8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0098 BLAKE POND | 87 WHIMBREL COURT LILLINGTON, NC
23-B587-F01	F1-20	Floor	8	1	Job Reference (optional) **# 44208**

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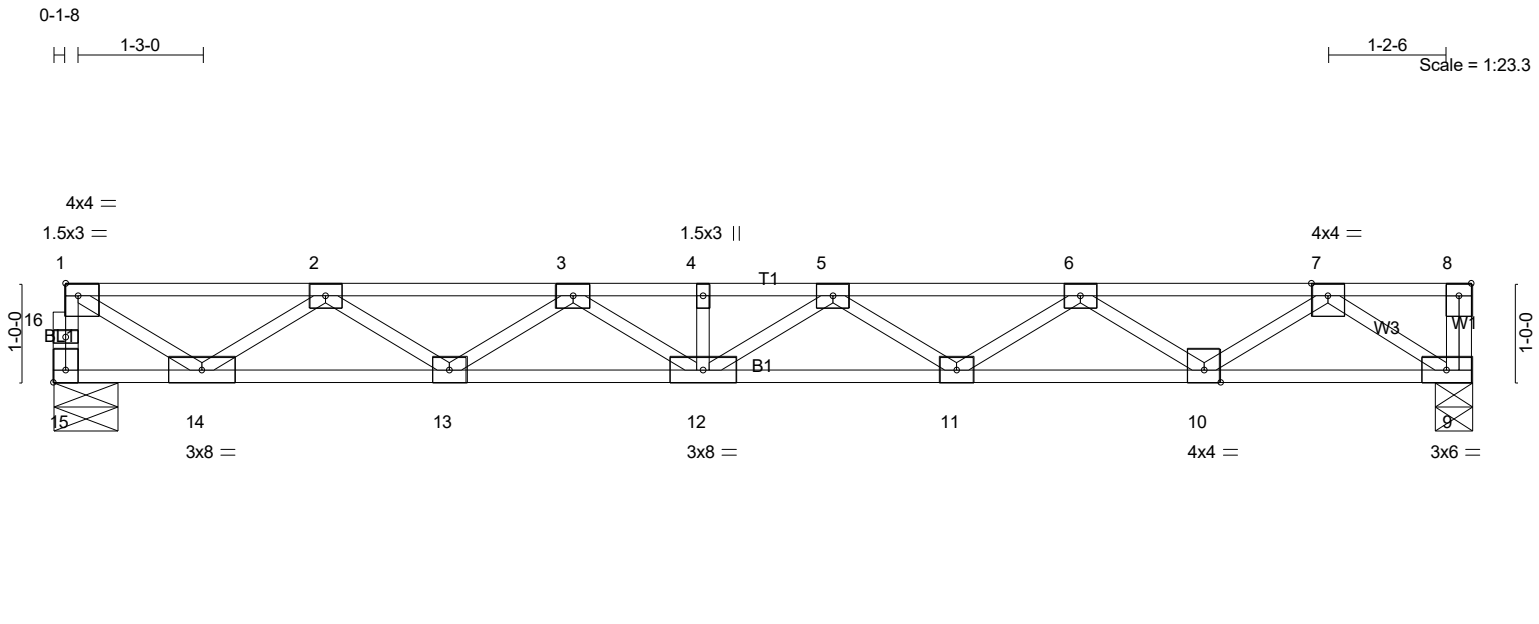

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [15:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.30	Vert(LL)	-0.17	11-12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.60	Vert(CT)	-0.23	11-12	>735	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH							Weight: 72 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 15=768/0-7-14 (min. 0-1-8), 9=774/0-4-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 15-16=-762/0, 1-16=-761/0, 1-2=-1041/0, 2-3=-2443/0, 3-4=-3076/0, 4-5=-3076/0, 5-6=-2821/0, 6-7=-1819/0
BOT CHORD 13-14=0/1952, 12-13=0/2898, 11-12=0/3099, 10-11=0/2509, 9-10=0/1091
WEBS 1-14=0/1186, 2-14=-1112/0, 2-13=0/600, 3-13=-555/0, 5-11=-339/0, 6-11=0/380, 6-10=-842/0, 7-10=0/889, 7-9=-1308/0

NOTES- (4-5)
1) All plates are 3x4 MT20 unless otherwise indicated.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

1/16/2024