Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FG1	Floor Girder	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:52 2019 Page 1
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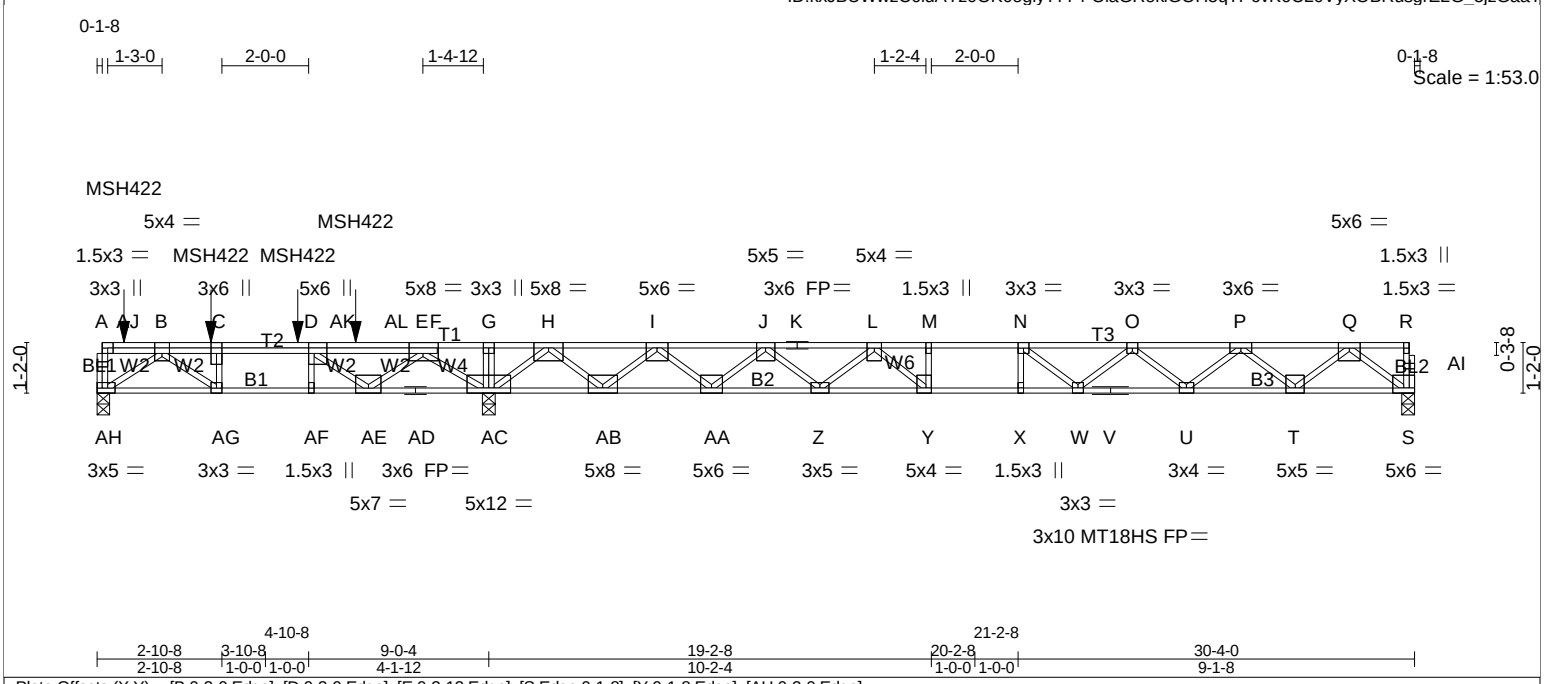

Plate Offsets (X,Y)-- [B:0-2-0,Edge], [D:0-3-0,Edge], [E:0-3-12,Edge], [S:Edge,0-1-8], [Y:0-1-8,Edge], [AH:0-2-0,Edge]

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	0.81	Vert(LL)	-0.38	X	>672	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.61	W-X	>417	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.06	S	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 160 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) AH=433/0-3-8 (min. 0-1-8), AC=2901/0-3-8 (min. 0-1-15), S=1154/0-3-8 (min. 0-1-8)
Max Grav AH=702(LC 3), AC=2901(LC 1), S=1159(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1007/374, C-AK=-1007/374, D-AK=-1007/374, D-AL=-163/1691, E-AL=-163/1691, E-F=0/4251, F-G=0/4311, G-H=0/4308, H-I=0/855, I-J=-1866/0, J-K=-3637/0, K-L=-3637/0, L-M=-4909/0, M-N=-4909/0, N-O=-4848/0, O-P=-4059/0, P-Q=-2466/0
BOT CHORD AG-AH=0/739, AF-AG=-374/1007, AE-AF=-374/1007, AD-AE=-2867/0, AC-AD=-2867/0, AB-AC=-2370/0, AA-AB=-55/744, Z-AA=0/2941, Y-Z=0/4359, X-Y=0/4909, W-X=0/4909, V-W=0/4663, U-V=0/4663, T-U=0/3440, S-T=0/1457
WEBS M-Y=-432/0, N-X=-267/49, G-AC=-332/0, B-AH=-907/0, B-AG=-702/334, C-AG=-189/365, E-AC=-1946/0, E-AE=0/1590, D-AE=-1748/0, H-AC=-2426/0, H-AB=0/1972, I-AB=-1955/0, I-AA=0/1470, J-AA=-1408/0, J-Z=0/914, L-Z=-950/0, L-Y=0/1029, Q-S=-1824/0, Q-T=0/1314, P-T=-1267/0, P-U=0/807, O-U=-785/0, O-W=0/412, N-W=-424/276

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
4) Required 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) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-7-8 from the left end to 5-11-8 to connect truss(es) ft7 (1 ply 2x4 SP), fg3 (1 ply 2x4 SP) to front face of top chord.
7) Fill all nail holes where hanger is in contact with lumber.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: S-AH=-10, A-R=-120
Concentrated Loads (lb)
Vert: C=-139(F) AJ=-169(F) AK=-139(F) AL=-139(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FG2	Floor Girder	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:52 2019 Page 1
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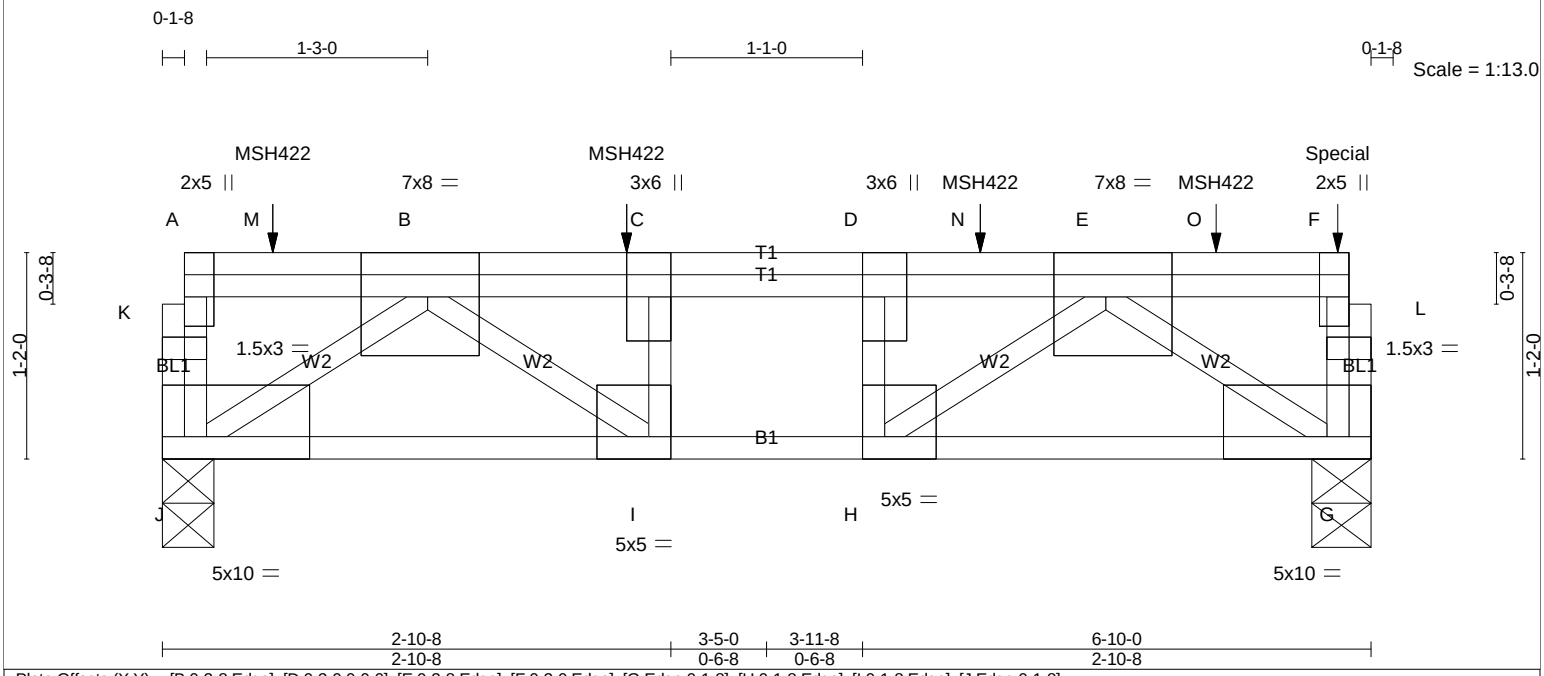

Plate Offsets (X,Y)-- [B:0-3-8,Edge], [D:0-3-0,0-0-0], [E:0-3-8,Edge], [F:0-3-0,Edge], [G:Edge,0-1-8], [H:0-1-8,Edge], [I:0-1-8,Edge], [J:Edge,0-1-8]

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	0.66	Vert(LL)	-0.04	H-I	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.70	Vert(CT)	-0.06	H-I	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.71	Horz(CT)	0.02	G	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 45 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(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) J=2280/0-3-8 (min. 0-1-9), G=2572/0-4-0 (min. 0-1-12)
Max Grav J=2280(LC 3), G=2593(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD J-K=-723/0, A-K=-722/0, G-L=-993/0, F-L=-991/0, B-C=-3410/0, C-D=-3410/0, D-N=-3410/0, E-N=-3410/0
BOT CHORD I-J=0/2249, H-I=0/3410, G-H=0/2290
WEBS E-G=-2733/0, B-J=-2707/0, E-H=0/1398, B-I=0/1489, C-I=-872/0, D-H=-821/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-7-8 from the left end to 5-11-8 to connect truss(es) ft6 (1 ply 2x4 SP), fg3 (1 ply 2x4 SP) to front face of top chord.
5) Fill all nail holes where hanger is in contact with lumber.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 927 lb down at 6-7-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: G-J=-10, A-F=-120
Concentrated Loads (lb)
Vert: F=-887(F) C=-967(F) M=-1034(F) N=-967(F) O=-157(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FG3	Floor Girder	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:53 2019 Page 1
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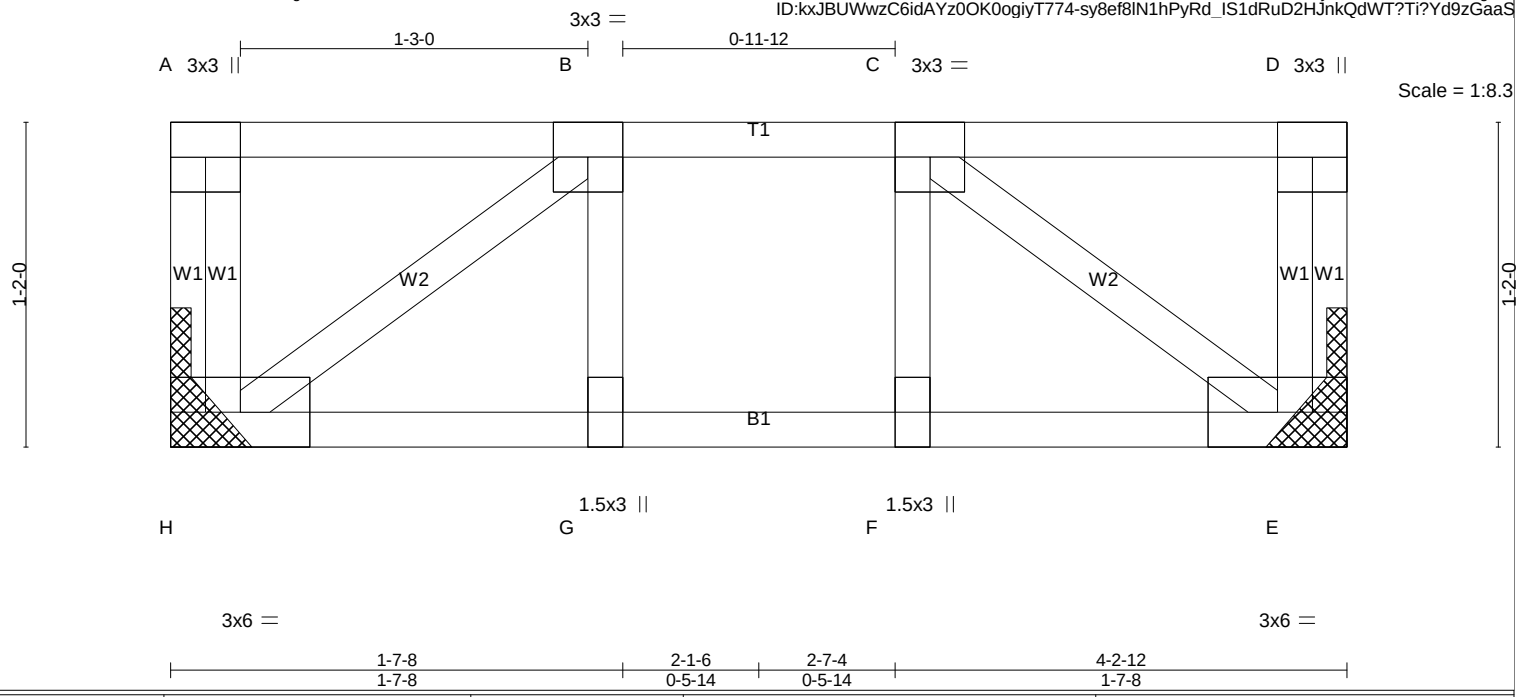

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	-0.00	G	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.12	Vert(CT)	-0.01	G	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.07	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 25 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=259/Mechanical, E=259/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS C-E=-305/0, B-H=-305/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT1	FLOOR	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

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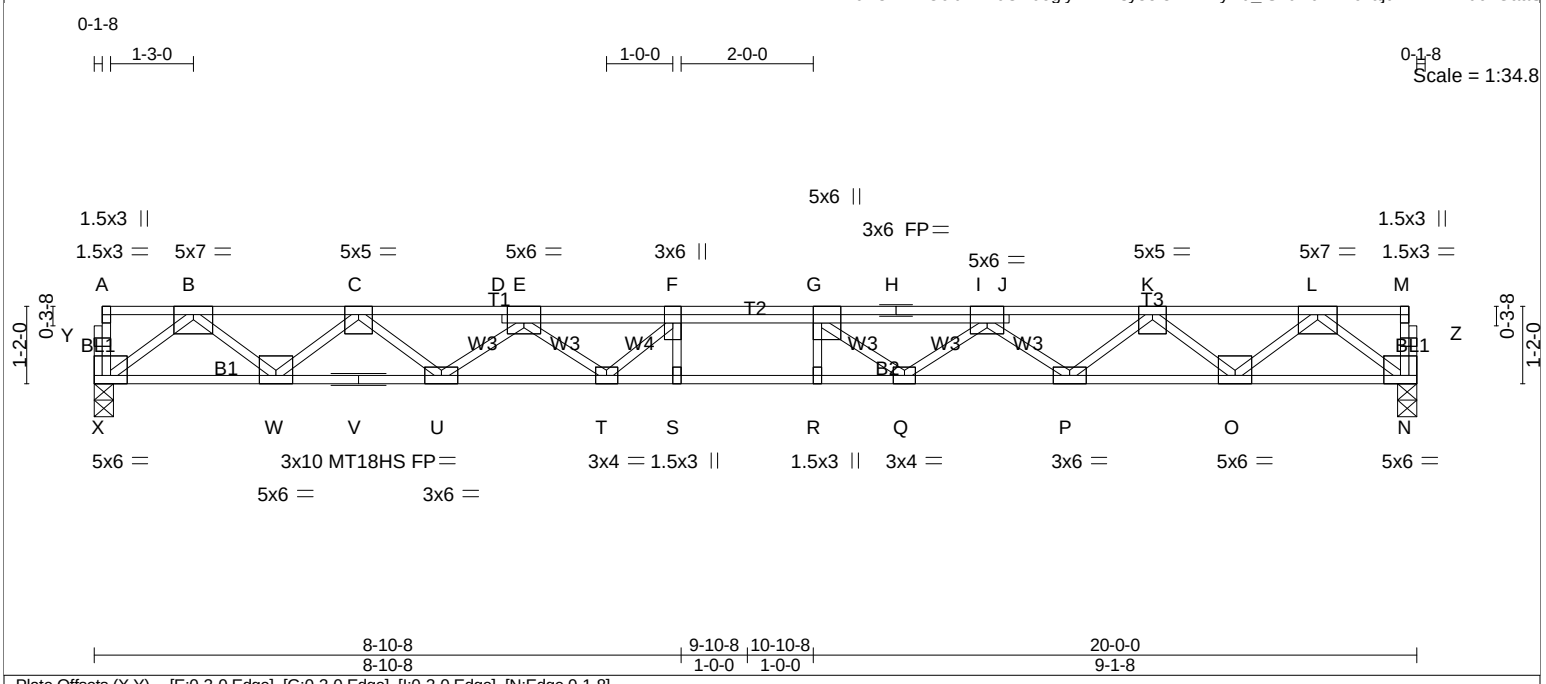

Plate Offsets (X,Y)-- [E:0-3-0,Edge], [G:0-3-0,Edge], [I:0-3-0,Edge], [N:Edge,0-1-8]

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	0.98	Vert(LL)	-0.40	R-S	>595	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.65	R-S	>365	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.11	N	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 109 lb	FT = 20%F, 12%E

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

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

REACTIONS. (lb/size) X=1276/0-3-8 (min. 0-1-8), N=1276/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-2755/0, C-D=-4655/0, D-E=-4609/0, E-F=-5994/0, F-G=-6415/0, G-H=-5963/0, H-I=-5963/0, I-J=-4613/0, J-K=-4658/0, K-L=-2754/0
BOT CHORD W-X=0/1615, V-W=0/3861, U-V=0/3861, T-U=0/5474, S-T=0/6415, R-S=0/6415, Q-R=0/6415, P-Q=0/5487, O-P=0/3857, N-O=0/1616
WEBS B-X=-2023/0, B-W=0/1484, C-W=-1439/0, C-U=0/1034, E-U=-1041/0, E-T=0/813, F-T=-807/0, L-N=-2025/0, L-O=0/1482, K-O=-1436/0, K-P=0/1042, I-P=-1053/0, I-Q=0/748, G-Q=-807/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT2	FLOOR	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

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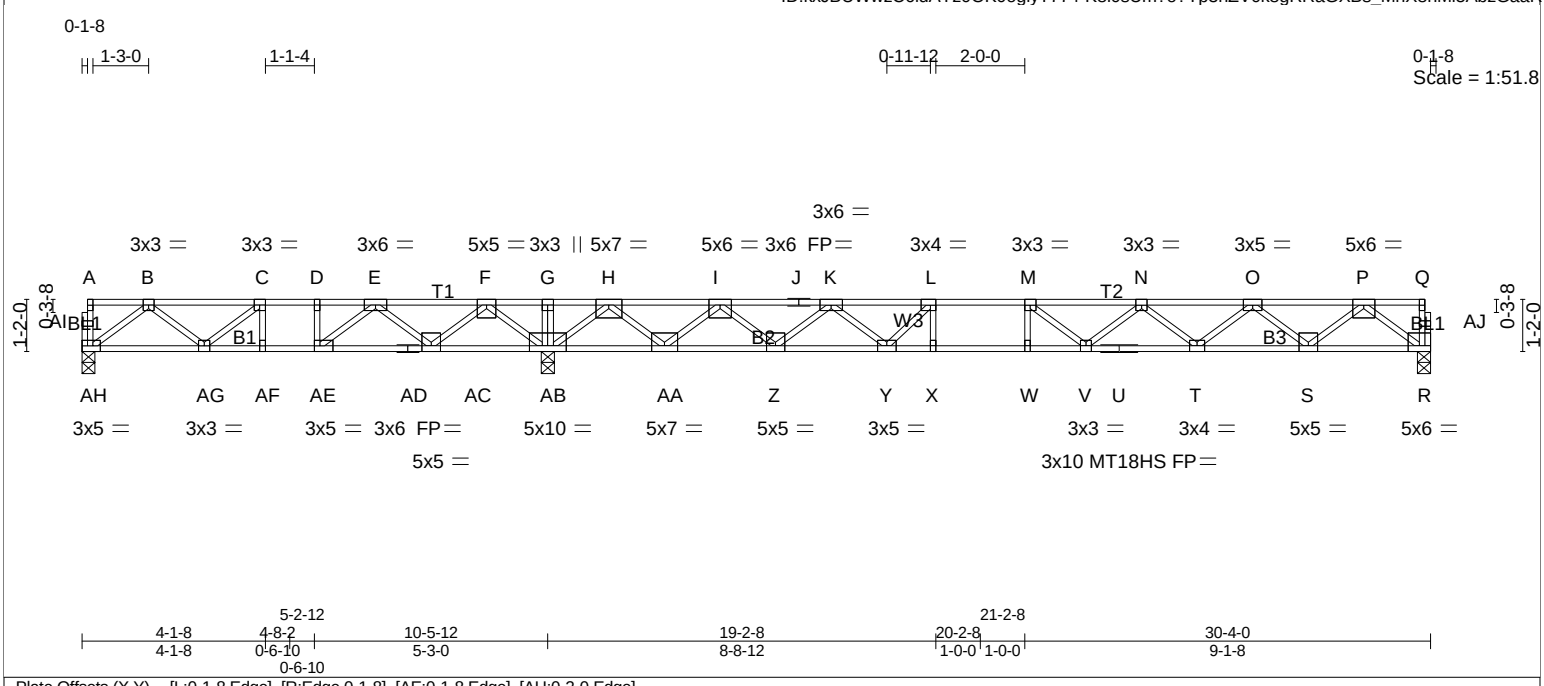

Plate Offsets (X,Y)-- [L:0-1-8,Edge], [R:Edge,0-1-8], [AE:0-1-8,Edge], [AH:0-2-0,Edge]

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	0.91	Vert(LL)	-0.35	V-W	>678	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.56	V-W	>422	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.05	R	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 151 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) AH=301/0-3-8 (min. 0-1-8), AB=2511/0-3-8 (min. 0-1-8), R=1084/0-3-8 (min. 0-1-8)
Max Uplift AH=-78(LC 4)
Max Grav AH=495(LC 3), AB=2511(LC 1), R=1099(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-792/370, C-D=-899/826, D-E=-899/826, E-F=0/2026, F-G=0/3574, G-H=0/3574, H-I=0/434, I-J=-2171/0, J-K=-2171/0, K-L=-3689/0, L-M=-4348/0, M-N=-4414/0, N-O=-3766/0, O-P=-2316/0
BOT CHORD AG-AH=-99/603, AF-AG=-826/899, AE-AF=-826/899, AD-AE=-1447/555, AC-AD=-1447/555, AB-AC=-2565/0, AA-AB=-1754/0, Z-AA=0/1222, Y-Z=0/3071, X-Y=0/4348, W-X=0/4348, V-W=0/4348, U-V=0/4303, T-U=0/4303, S-T=0/3217, R-S=0/1379
WEBS L-X=0/446, M-W=-361/0, B-AH=-755/123, B-AG=-353/246, C-AG=-136/582, C-AF=-341/0, F-AB=-1565/0, F-AC=0/1064, E-AC=-1122/0, E-AE=0/1024, D-AE=-346/0, H-AB=-2283/0, H-AA=0/1788, I-AA=-1770/0, I-Z=0/1259, K-Z=-1193/0, K-Y=0/876, L-Y=-1127/0, P-R=-1727/0, P-S=0/1220, O-S=-1172/0, O-T=0/715, N-T=-700/0, N-V=-42/302, M-V=-265/395

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) All plates are 1.5x3 MT20 unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint AH.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT3	FLOOR	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:55 2019 Page 1
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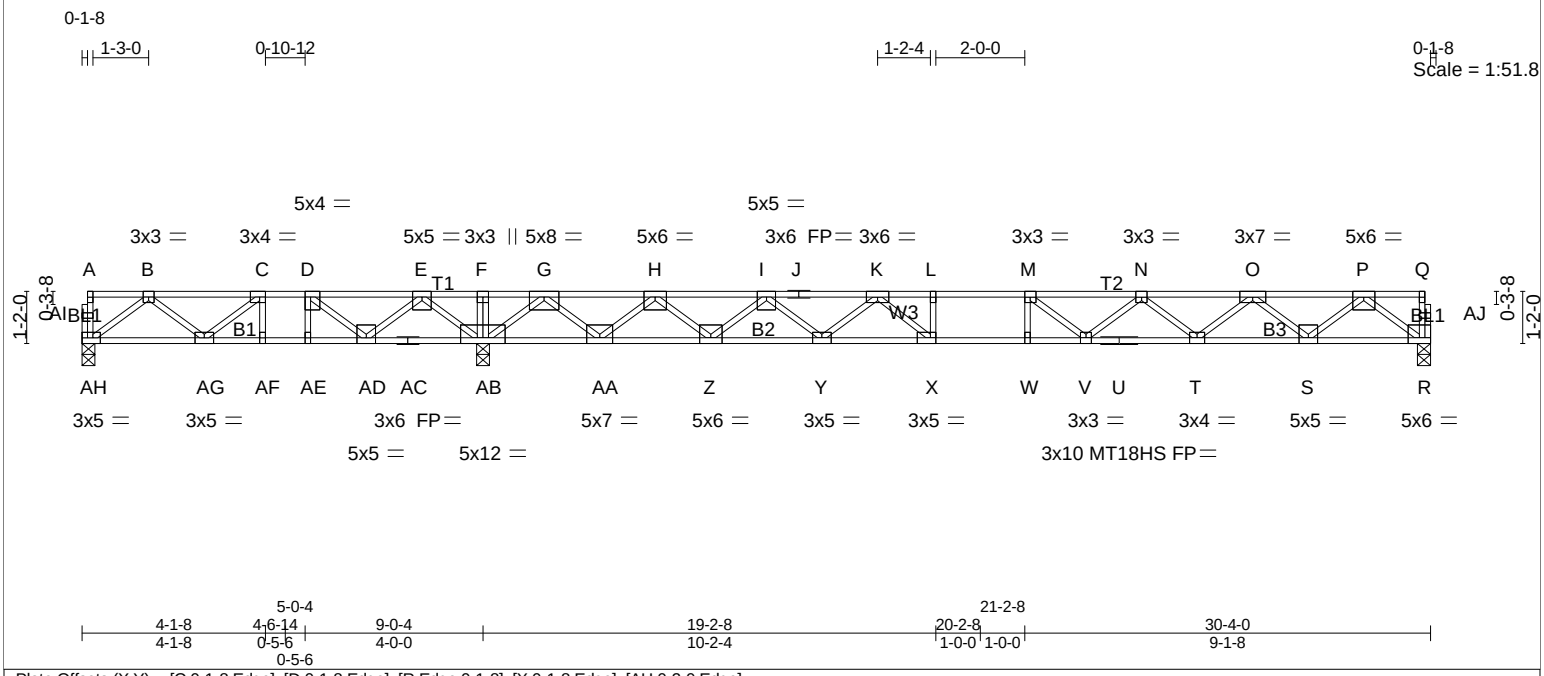

Plate Offsets (X,Y)-- [C:0-1-8,Edge], [D:0-1-8,Edge], [R:Edge,0-1-8], [X:0-1-8,Edge], [AH:0-2-0,Edge]

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	0.67	Vert(LL)	-0.38	W	>666	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.91	Vert(CT)	-0.61	W	>414	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.06	R	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 151 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) AH=59/0-3-8 (min. 0-1-8), AB=2682/0-3-8 (min. 0-1-8), R=1155/0-3-8 (min. 0-1-8)
Max Uplift AH=-271(LC 4)
Max Grav AH=352(LC 3), AB=2682(LC 1), R=1164(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-432/854, C-D=-328/1602, D-E=0/2556, E-F=0/4309, F-G=0/4309, G-H=0/833, H-I=-1936/0, I-J=-3697/0, J-K=-3697/0, K-L=-4953/0, L-M=-4953/0, M-N=-4882/0, N-O=-4082/0, O-P=-2478/0
BOT CHORD AG-AH=-342/423, AF-AG=-1602/328, AE-AF=-1602/328, AD-AE=-1602/328, AC-AD=-3305/0, AB-AC=-3305/0, AA-AB=-2342/0, Z-AA=0/818, Y-Z=0/3007, X-Y=0/4412, W-X=0/4953, V-W=0/4953, U-V=0/4690, T-U=0/4690, S-T=0/3457, R-S=0/1463
WEBS L-X=-425/0, M-W=-261/52, B-AH=-529/428, B-AG=-667/11, C-AG=0/955, C-AF=-514/0, E-AB=-1591/0, E-AD=0/1229, D-AD=-1489/0, D-AE=0/534, G-AB=-2468/0, G-AA=0/1964, H-AA=-1947/0, H-Z=0/1469, I-Z=-1408/0, I-Y=0/912, K-Y=-948/0, K-X=0/1011, P-R=-1832/0, P-S=0/1321, O-S=-1274/0, O-T=0/813, N-T=-791/0, N-V=0/417, M-V=-432/258

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) All plates are 1.5x3 MT20 unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 271 lb uplift at joint AH.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
6) Required 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT4	Floor	6	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:56 2019 Page 1
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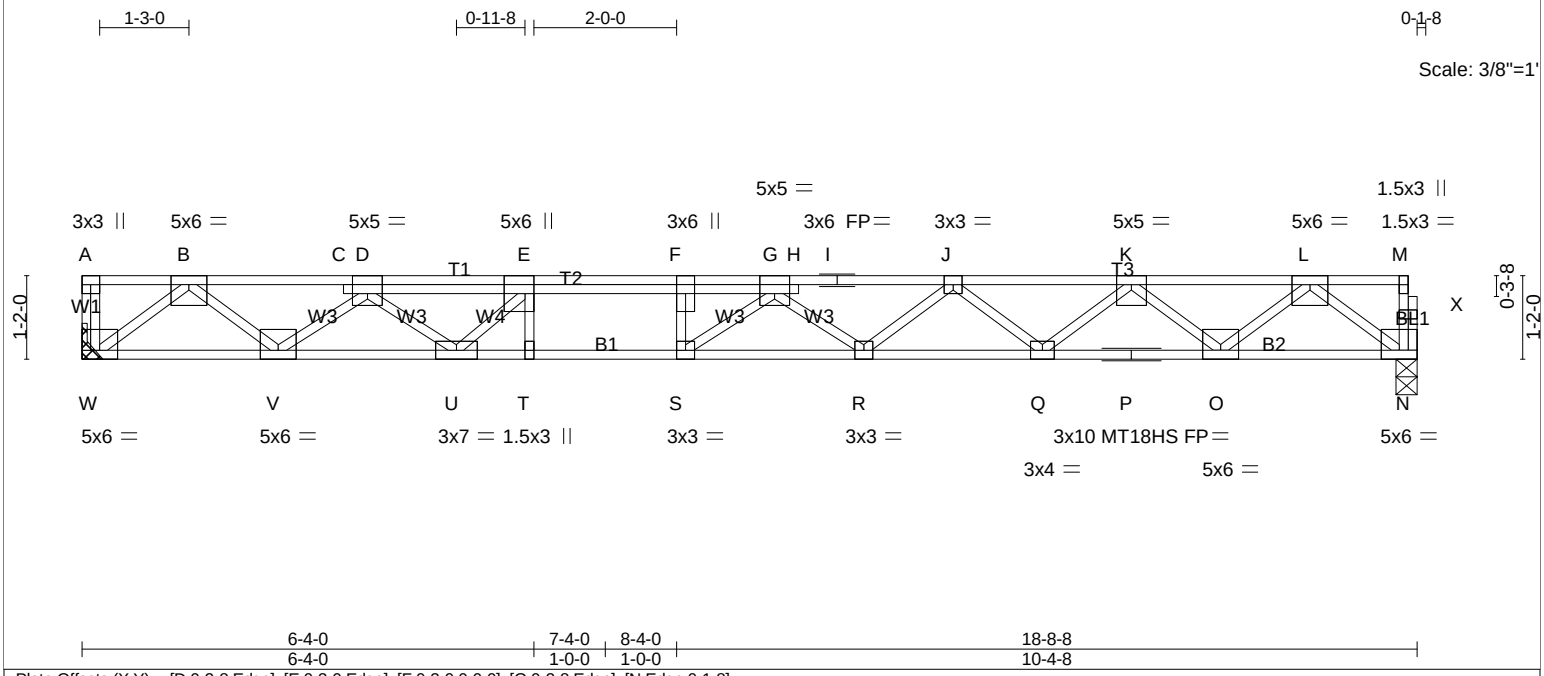

Plate Offsets (X,Y)-- [D:0-2-8,Edge], [E:0-3-0,Edge], [F:0-3-0,0-0-0], [G:0-2-8,Edge], [N:Edge,0-1-8]

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	0.73	Vert(LL)	-0.34	R-S	>657	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.55	R-S	>403	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.09	N	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 102 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) W=1200/Mechanical, N=1192/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-2563/0, C-D=-2550/0, D-E=-4532/0, E-F=-5300/0, F-G=-5300/0, G-H=-5088/0, H-I=-5142/0, I-J=-5142/0, J-K=-4208/0, K-L=-2553/0
BOT CHORD V-W=0/1493, U-V=0/3660, T-U=0/5300, S-T=0/5300, R-S=0/5411, Q-R=0/4825, P-Q=0/3573, O-P=0/3573, N-O=0/1497
WEBS B-W=-1873/0, B-V=0/1393, D-V=-1394/0, D-U=0/1151, E-U=-1143/0, L-N=-1875/0, L-O=0/1374, K-O=-1328/0, K-Q=0/827, J-Q=-802/0, J-R=0/413, G-R=-373/0, G-S=-432/386

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT5	Floor	5	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:56 2019 Page 1
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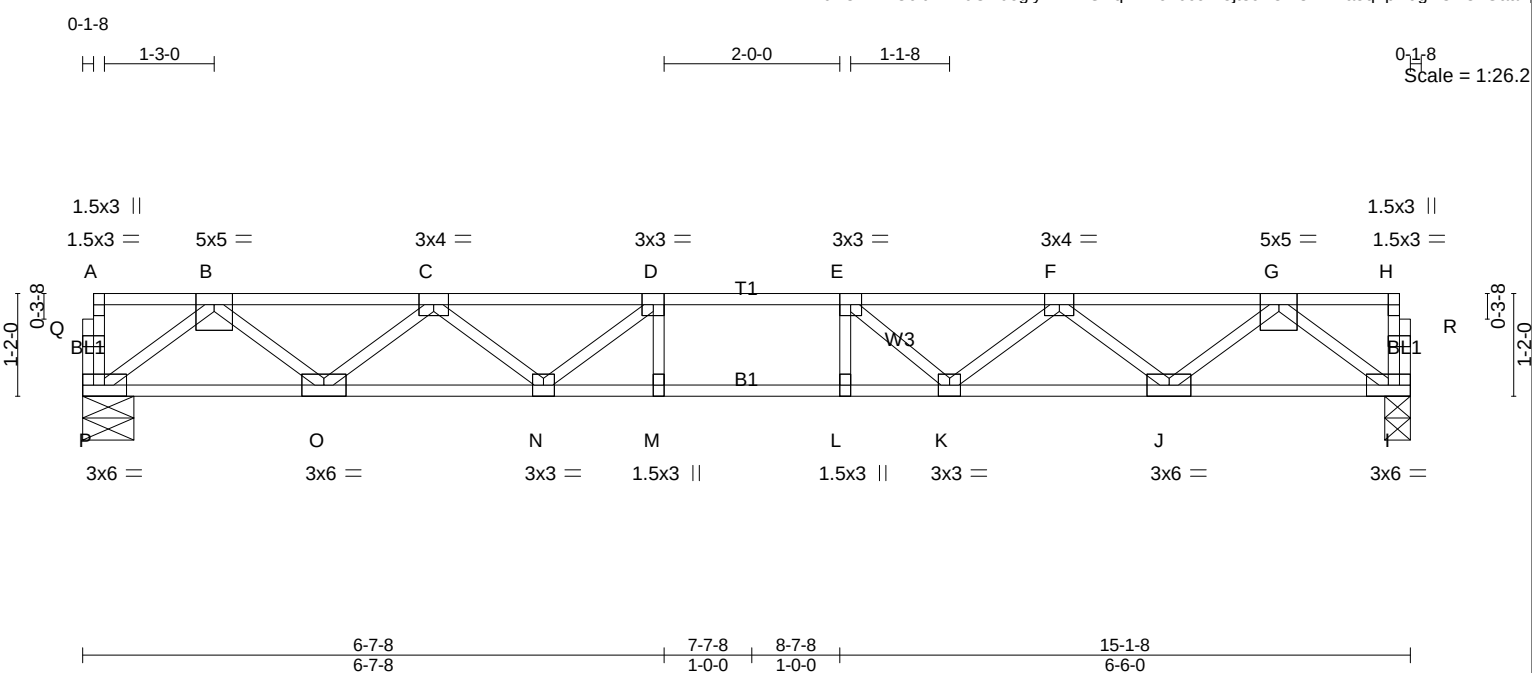

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.56	Vert(LL)	-0.16	M-N	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.89	Vert(CT)	-0.26	M-N	>686	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.05	I	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 75 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(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) P=959/0-7-0 (min. 0-1-8), I=959/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1969/0, C-D=-3070/0, D-E=-3415/0, E-F=-3075/0, F-G=-1967/0
BOT CHORD O-P=0/1191, N-O=0/2713, M-N=0/3415, L-M=0/3415, K-L=0/3415, J-K=0/2706, I-J=0/1193
WEBS B-P=-1491/0, B-O=0/1012, C-O=-969/0, C-N=0/523, D-N=-628/0, G-I=-1493/0, G-J=0/1008, F-J=-962/0, F-K=0/541, E-K=-640/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT6	Floor	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:56 2019 Page 1
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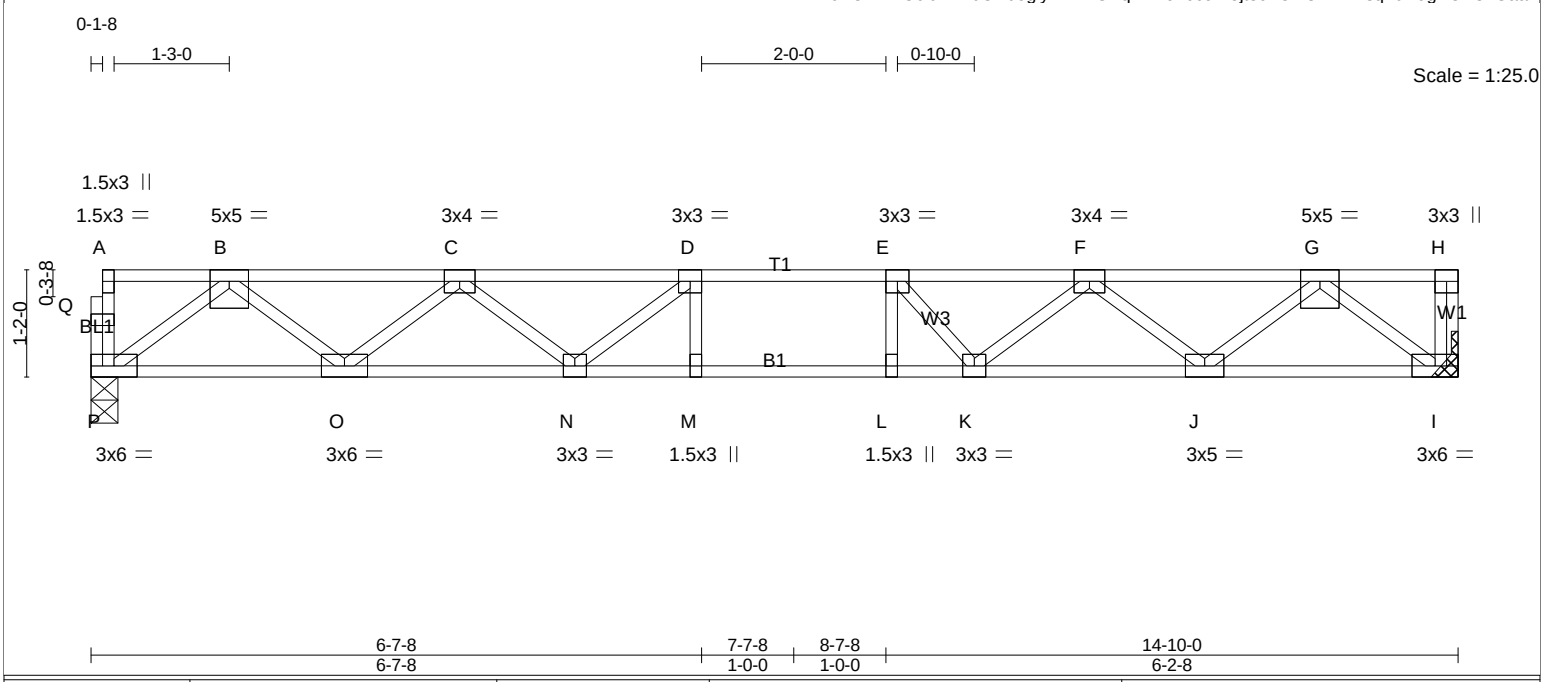

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.57	Vert(LL)	-0.16	M-N	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.91	Vert(CT)	-0.25	M-N	>690	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.05	I	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 74 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(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) P=940/0-3-8 (min. 0-1-8), I=948/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1921/0, C-D=-2978/0, D-E=-3277/0, E-F=-2996/0, F-G=-1917/0
BOT CHORD O-P=0/1165, N-O=0/2645, M-N=0/3277, L-M=0/3277, K-L=0/3277, J-K=0/2625, I-J=0/1173
WEBS B-P=-1458/0, B-O=0/984, C-O=-943/0, C-N=0/493, G-I=-1471/0, G-J=0/970, F-J=-921/0, F-K=0/557, E-K=-624/0, D-N=-573/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT7	Floor	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:57 2019 Page 1
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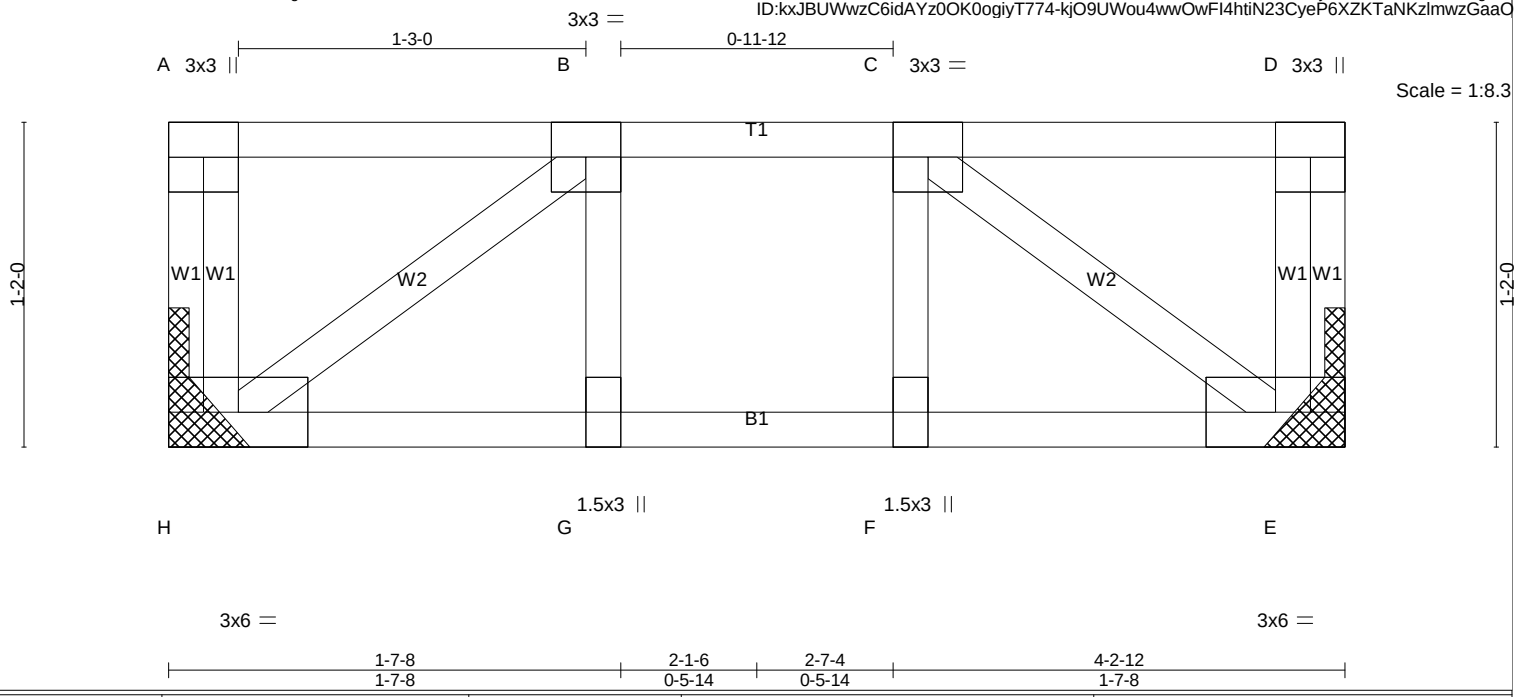

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.15	Vert(LL)	-0.00	G	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.11	Vert(CT)	-0.01	G	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 25 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=259/Mechanical, E=259/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS C-E=-305/0, B-H=-305/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	FT8	Floor	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:57 2019 Page 1
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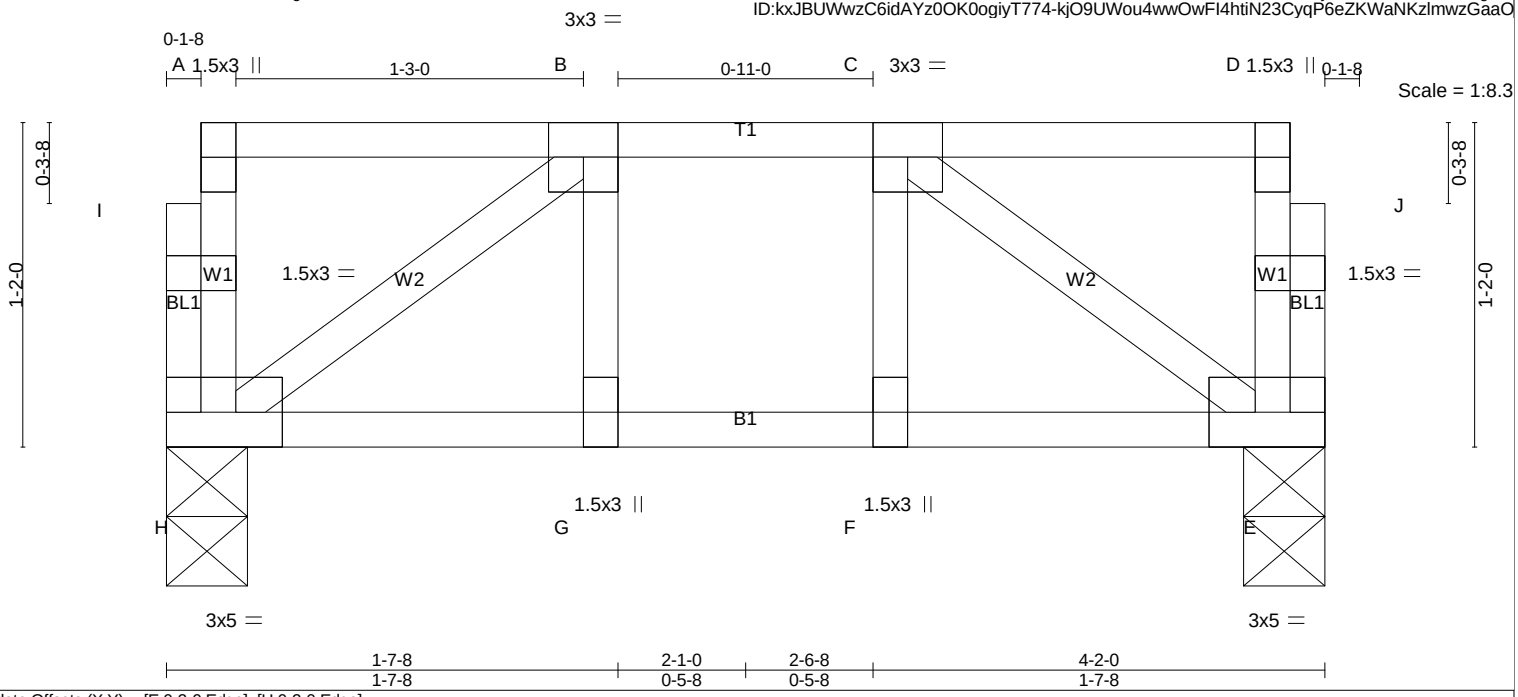

Plate Offsets (X,Y)-- [E:0-2-0,Edge], [H:0-2-0,Edge]

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	0.14	Vert(LL)	-0.00	G	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.10	Vert(CT)	-0.01	G	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 24 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=247/0-3-8 (min. 0-1-8), E=247/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS C-E=-290/0, B-H=-290/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	KW1	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:57 2019 Page 1
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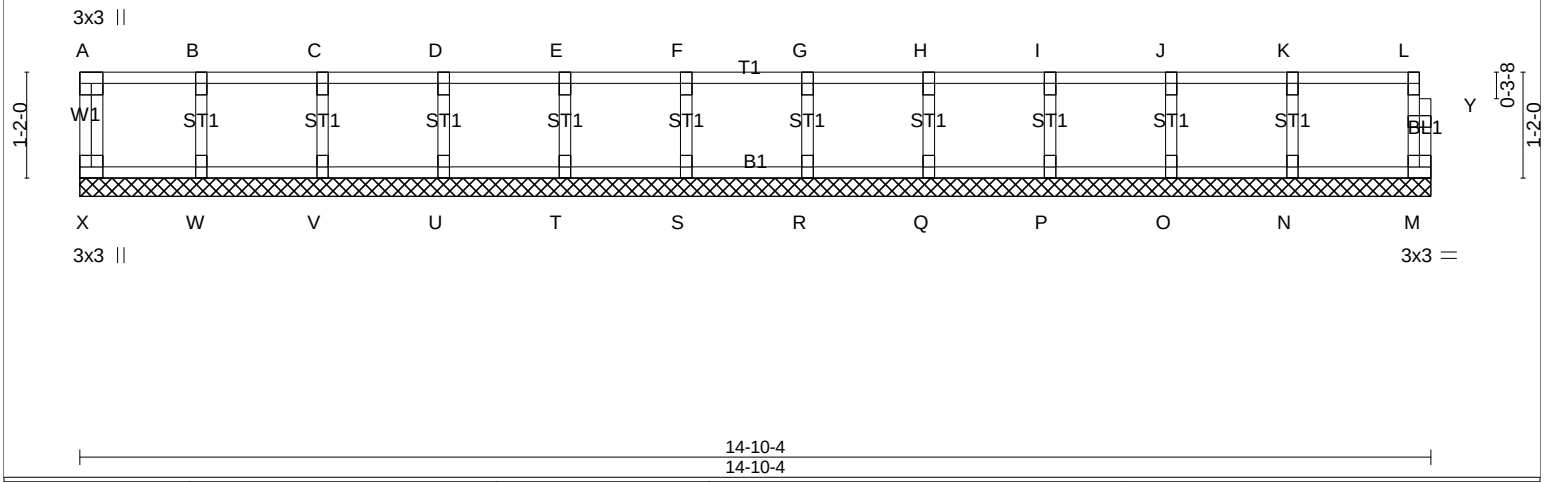

14-10-4
14-10-4

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	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	M	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 63 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(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 14-10-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) X, M, W, V, U, T, S, R, Q, P, O, N

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

NOTES-
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) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	KW2	Floor Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:58 2019 Page 1
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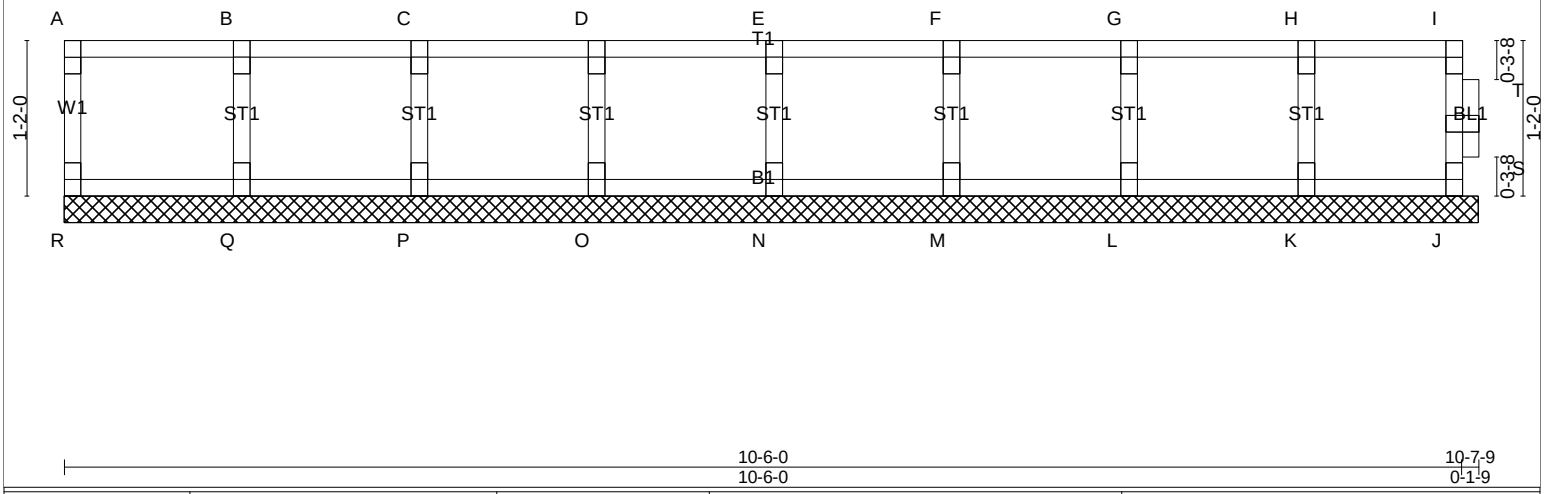

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	J	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 44 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(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 10-7-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) R, J, Q, P, O, N, M, L, K

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

NOTES-
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) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	KW3	Floor Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:58 2019 Page 1
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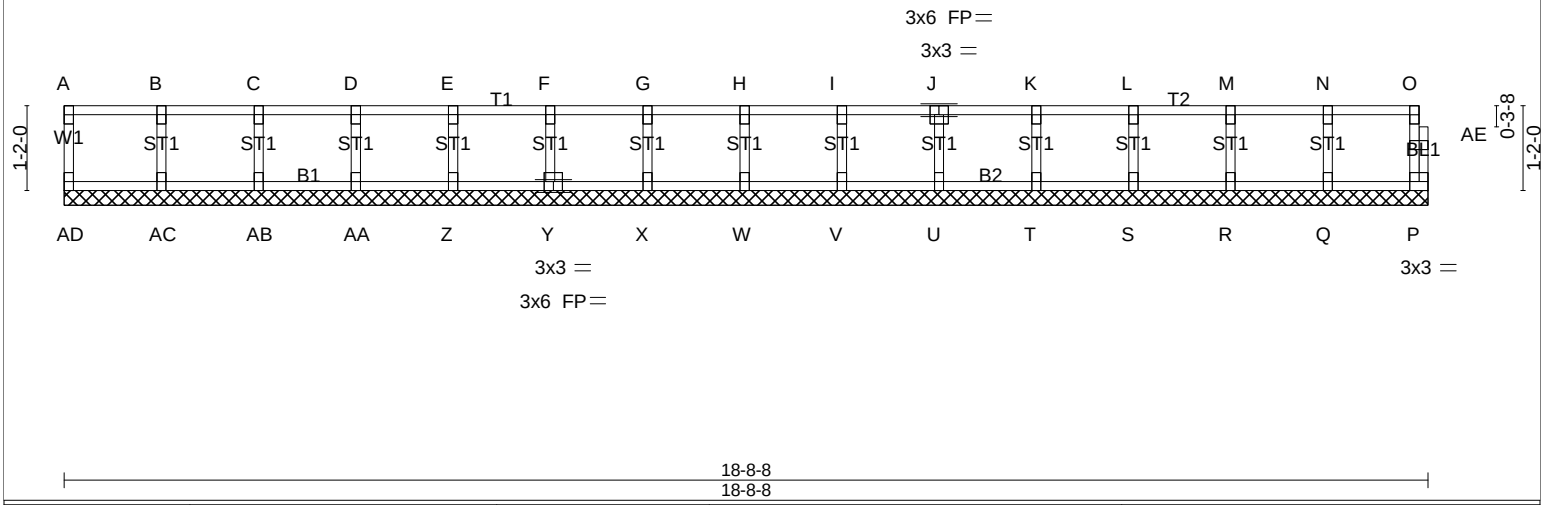

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	P	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 77 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(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 18-8-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) AD, P, AC, AB, AA, Z, Y, X, W, V, U, T, S, R, Q

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

NOTES-
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) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	KW4	Floor Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:58 2019 Page 1
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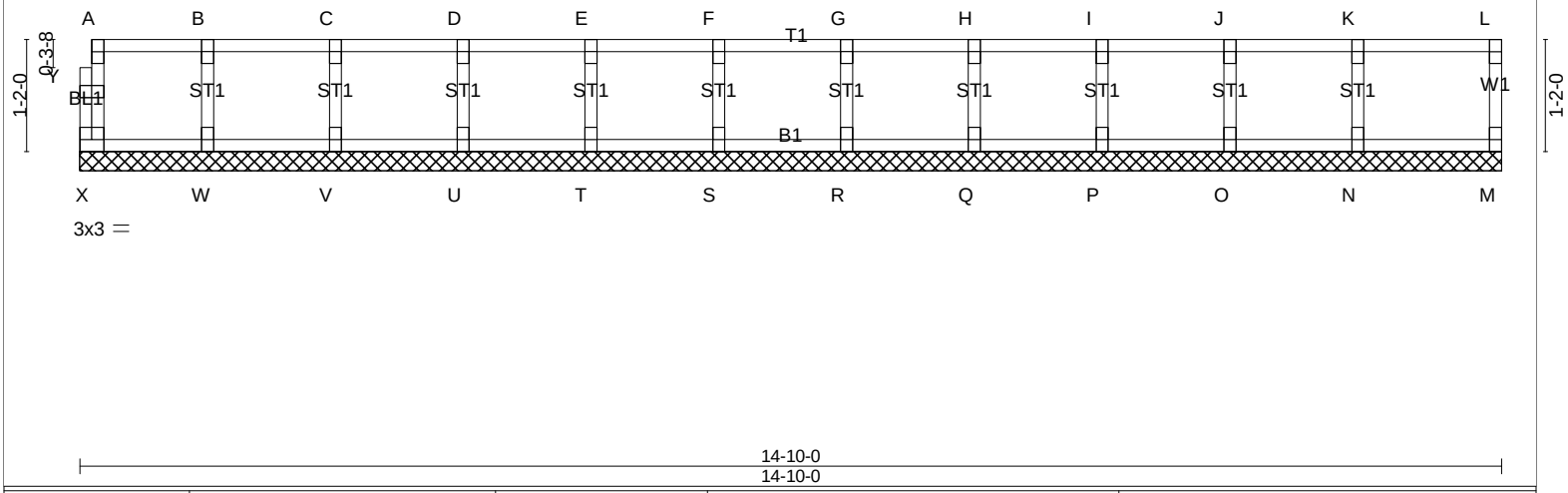

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	M	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 61 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(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 14-10-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) X, M, W, V, U, T, S, R, Q, P, O, N

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

NOTES-
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) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC PORCH
69018007	KW5	Floor Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Tue May 14 13:41:59 2019 Page 1
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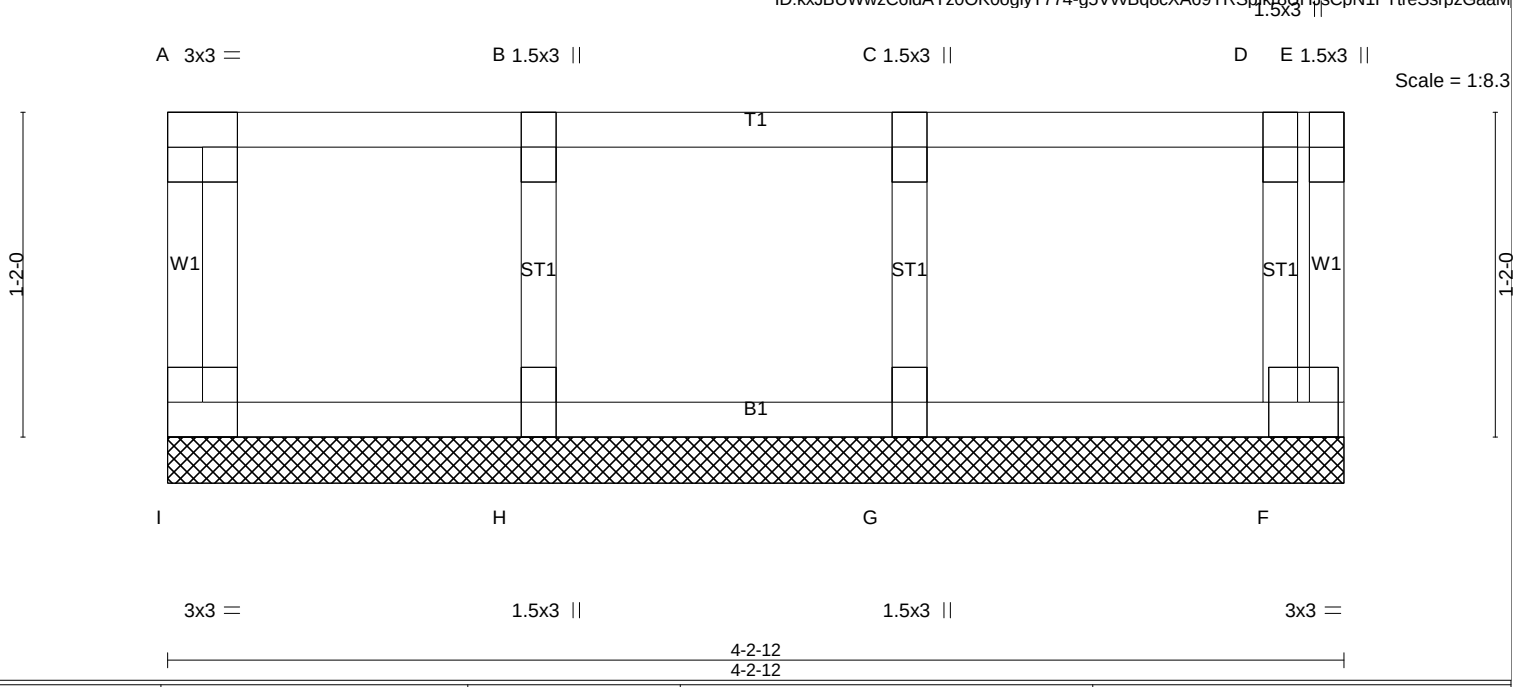

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	F	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 21 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 4-2-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) I, F, H, G

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

NOTES-
1) Gable requires continuous bottom chord bearing.
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
3) Gable studs spaced at 1-4-0 oc.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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.

LOAD CASE(S) Standard