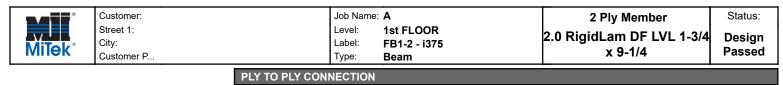
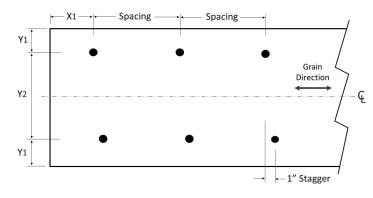
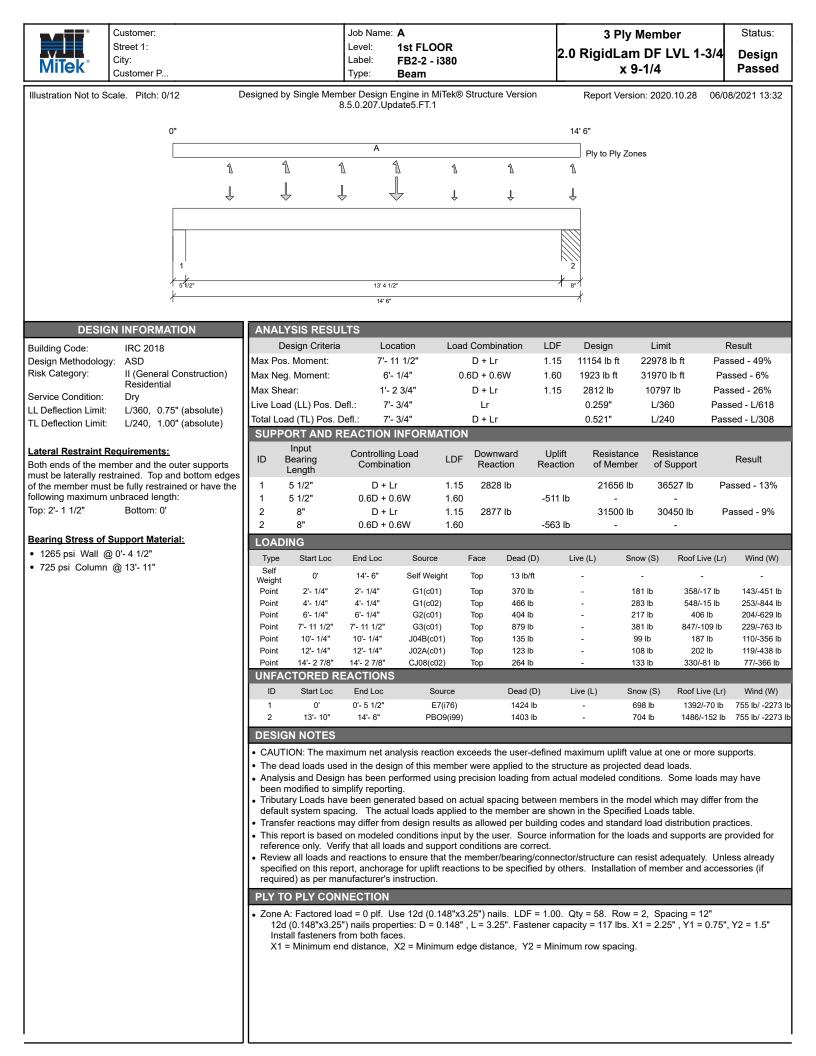
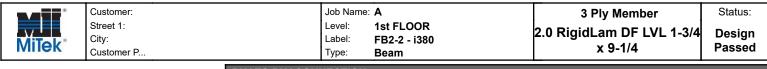
Milek °	Customer: Street 1: City:		Job Name: A Level: 1st FL Label: FB1-2		2.0	2 Ply N RigidLam x 9-		Status: B/4 Design Passed
Illustration Not to So	Customer P	Designed by Single Mem	Type: Beam	MiTek® Structure Versio	'n	Report Versio		06/08/2021 13:32
		0" 2' 1"	8.5.0.207.Update5.FT	:1 6' 7" Ply to Ply			1. 2020. 10.20	00/00/2021 10.02
			2.8.					
			6' 8*	1				
DESIG Building Code: Design Methodology Risk Category: Service Condition: LL Deflection Limit: TL Deflection Limit:	N INFORMATION IRC 2018 /: ASD II (General Construction) Residential Dry L/360, 0.75" (absolute) L/240, 1.00" (absolute)	ANALYSIS RESUL Design Criteria Max Pos. Moment: Max Neg. Moment: Max Shear: Live Load (LL) Pos. Do Total Load (TL) Pos. D	Location 3'- 1" 3'- 1" 1'- 2 3/4" efl.: 3'- 3 7/8"	Load Combination D + Lr 0.6D + 0.6W D + Lr 0.75(L + Lr + 0.6W) D + 0.75(L + Lr + 0.6W)	LDF 1.15 1.60 1.15		Limit 15319 lb ft 21313 lb ft 7198 lb L/360 L/240	Result Passed - 16% Passed - 2% Passed - 21% Passed - L/999 Passed - L/999
		SUPPORT AND R						
must be laterally res of the member must following maximum Top: 1'- 10 1/2"	mber and the outer supports trained. Top and bottom edge be fully restrained or have the unbraced length: Bottom: 0'	s ID Bearing Length 1 5 1/2" 1 5 1/2" 2 5 1/2" 2 5 1/2" 2 5 1/2"	Controlling Load Combination D + Lr 0.6D + 0.6W D + Lr 0.6D + 0.6W	LDF Downward Reaction 1.15 1749 lb 1.60 1.15 1426 lb 1.60	Uplift Reaction -226 lb -224 lb	14438 lb - 14438 lb	Resistance of Support 8181 lb - 8181 lb -	Result Passed - 21% Passed - 17%
Bearing Stress of Support Material: 425 psi Wall @ 0'- 4 1/2"		LOADING Type Start Loc	End Loc Sour	rce Face Dead (I	D) L	_ive (L) Sno	w (S) Roof Live	e (Lr) Wind (W)
• 425 psi Wall @	6'- 3 1/2"	Self 0' Weight 0' Point 1'-1" Point 3'-1" Oint 5'-1" UNFACTORED RE ID ID Start Loc 1 0' 2 6'-21/2"	End Loc 0'- 5 1/2"	01) Front 573 lb 02) Front 482 lb))) (D) L b	- 25 - 25 - 25 Live (L) Sna - 41	4 lb 525/-43 5 lb 527/-43 5 lb 528/-43 w (S) Roof Live 4 lb 856/-7(0 lb 724/-5)	3 lb 213/-634 lb 3 lb 213/-635 lb e (Lr) Wind (W) 0 lb 589 lb/ -1270 lb
		 Analysis and Design been modified to sin Tributary Loads hav default system space Transfer reactions n This report is based reference only. Veri Review all loads and specified on this rep required) as per ma PLY TO PLY CON Zone A: Factored lo Zone B: Factored lo 12d (0.148"x3.25" Install fasteners fit 	has been performed nplify reporting. e been generated ba ing. The actual load any differ from design on modeled conditio fy that all loads and s d reactions to ensure ort, anchorage for up nufacturer's instruction NECTION ad = 695 plf. Use 12 ad = 641 plf. Use 12 mails properties: D rom one face.	s member were applied to d using precision loading to sed on actual spacing be is applied to the member results as allowed per bins input by the user. Sous support conditions are con- that the member/bearing olift reactions to be specifion. d (0.148"x3.25") nails. Lt d (0.148"x3.25") nails. Lt = 0.148", L = 3.25". Fast nimum edge distance, Y2	from actua tween me are showr uilding coc arce inform rrect. //connecto ied by othe DF = 1.00. DF = 1.00. ener capa	al modeled condi embers in the moon n in the Specified des and standard nation for the load or/structure can re- ers. Installation of . Qty = 8. Row = . Qty = 14. Row acity = 117 lbs. X	tions. Some load del which may dit l Loads table. I load distribution ds and supports esist adequately. of member and a = 2, Spacing = 8 r = 2, Spacing =	ffer from the practices. are provided for Unless already ccessories (if



FASTENER INSTALLATION - 2 ROWS (FROM ONE FACE)

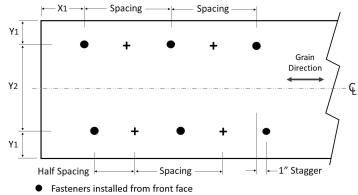




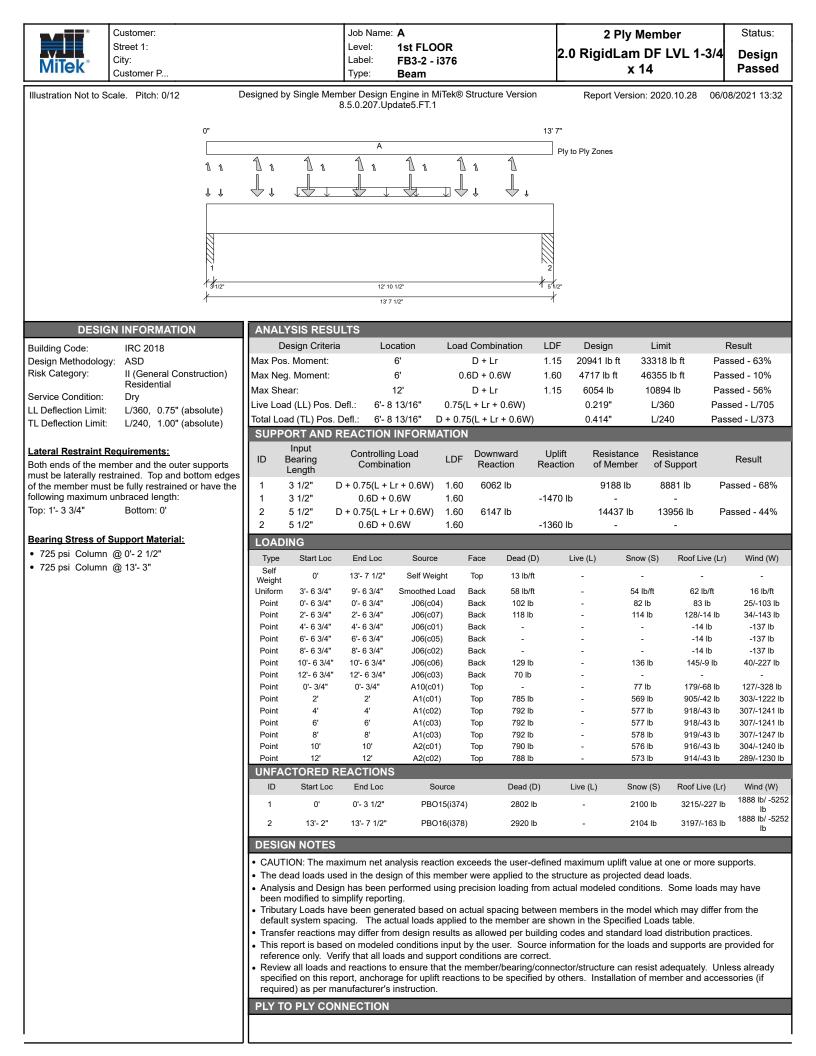


PLY TO PLY CONNECTION

FASTENER INSTALLATION - 2 ROWS (FROM BOTH FACES)



+ Fasteners installed from back face





Customer: Street 1: City: Customer P...

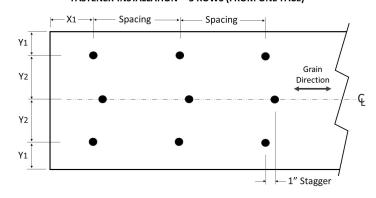
Job Name: A Level: 1st FLOOR Label: FB3-2 - i376 Type: Beam

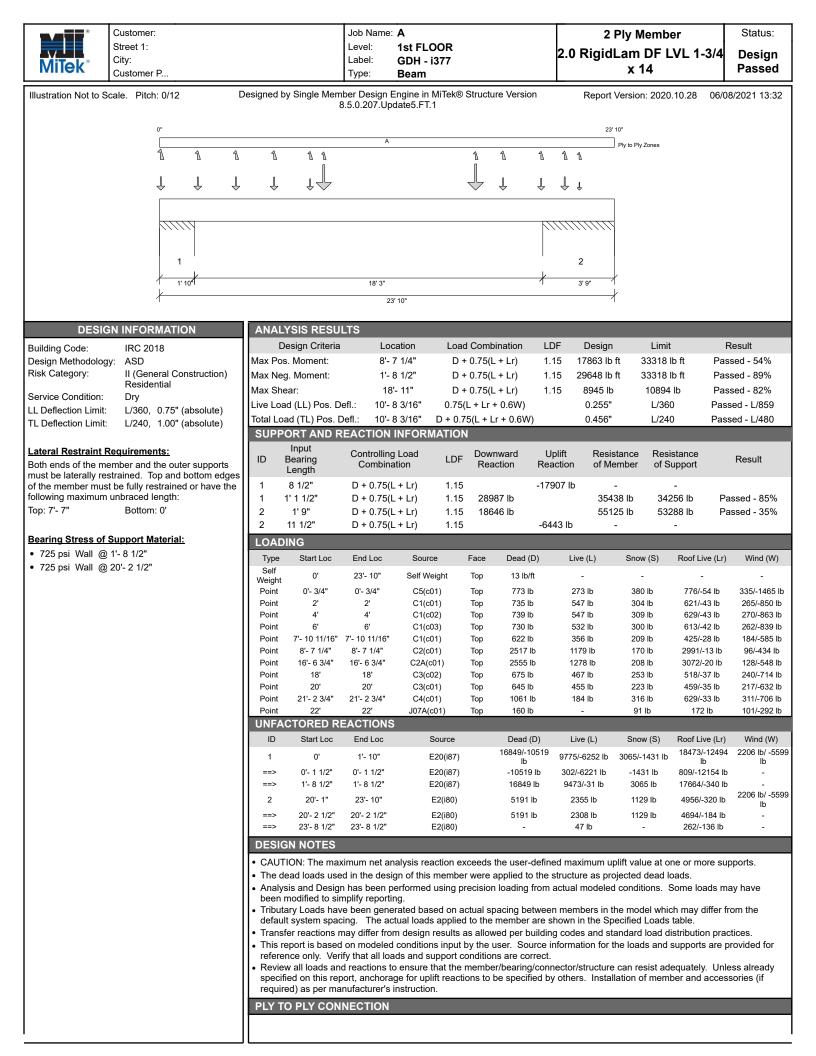


PLY TO PLY CONNECTION

 Zone A: Factored load = 239 plf. Use 12d (0.148"x3.25") nails. LDF = 1.00. Qty = 42. Row = 3, Spacing = 12" 12d (0.148"x3.25") nails properties: D = 0.148", L = 3.25". Fastener capacity = 117 lbs. X1 = 2.25", Y1 = 0.75", Y2 = 1.5" Install fasteners from one face. X1 = Minimum end distance, X2 = Minimum edge distance, Y2 = Minimum row spacing.

X1 = Minimum end distance, X2 = Minimum edge distance, Y2 = Minimum row spacing. FASTENER INSTALLATION – 3 ROWS (FROM ONE FACE)







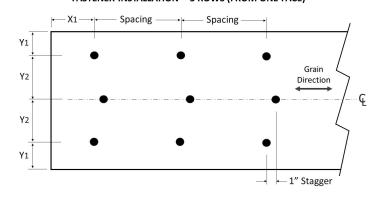
Customer: Street 1: City: Customer P..

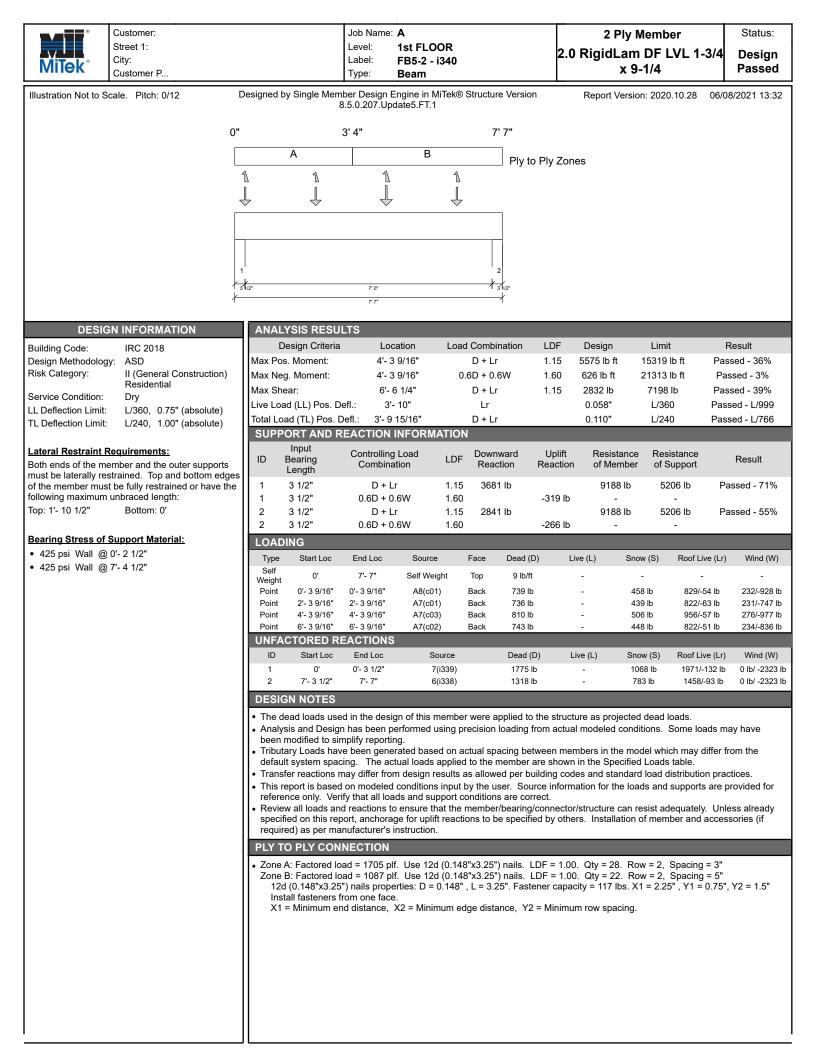
Job Name: A Level: 1st FLOOR Label: GDH - i377 Type: Beam

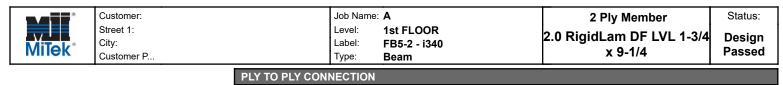
PLY TO PLY CONNECTION

 Zone A: Factored load = 0 plf. Use 12d (0.148"x3.25") nails. LDF = 1.00. Qty = 72. Row = 3, Spacing = 12" 12d (0.148"x3.25") nails properties: D = 0.148", L = 3.25". Fastener capacity = 117 lbs. X1 = 2.25", Y1 = 0.75", Y2 = 1.5" Install fasteners from one face. X1 = Minimum end distance, X2 = Minimum edge distance, Y2 = Minimum row spacing.

FASTENER INSTALLATION - 3 ROWS (FROM ONE FACE)







FASTENER INSTALLATION - 2 ROWS (FROM ONE FACE)

