

### **GUSSET PLATE ANALYSIS INPUT**

Project*	:																
Consult	ant*									*Structu	ire Name						
Agreem	ent*					*Agreen	nent Date			*Strue	cture No.					Route	
Group*				*1	<i><b>Iodificatio</b></i>	n/Addena	lum Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Modification	on/Adden	dum Date			Rev	iewed By					Date	
*Requir	red Fields			GEOMETRY-Inputs B, C, D													
		View	Detail				GE	OME	TRY-	Input	ts B, C	C, <b>D</b>					
Plate No.	Plate Type			ember A n degree	U			upported e Distanc	•			D		imension ches)	ns		D: Shape Type
		$\theta_{\mathrm{A}}$	$\theta_{\mathrm{B}}$	$\theta_{\rm C}$	$\theta_{\mathrm{D}}$	$\boldsymbol{\theta}_{\mathrm{E}}$	$\mathbf{B}_1$	$\mathbf{B}_2$	$\mathbf{B}_3$	$\mathbf{B_4}$	$T_{GP}$	$\mathbf{H}_{\mathrm{SP}}$	$L_{SP}$	$T_{SP}$	$L_{GS}$	В	ST
A	В	B1	B2	В3	B4	B5	C1	C2	C3	C4	D1	D2	D3	D4	D5	D6	<b>D7</b>
1	Bolted	-90	-36.87	0	36.87	90	35.6875	24.375	24.375	35.6875	0.875	0	0	0	0	0	1



### **GUSSET PLATE ANALYSIS INPUT**

Project*	F																
Consult	ant*									*Structu	ire Name						
Agreem	ent*					*Agreen	nent Date			*Struc	cture No.					Route	
Group*				*1/2	<i>lodificatio</i>	n/Addend	lum Code			•	Rated By					Date	
Total Pi	lates	1	l	N	Aodification	on/Addena	lum Date			Rev	iewed By					Date	
*Requi	red Fields																_
		View	Detail	M	ATE	RIAL,	DEA	D LC	AD,	AND	OTH	ER - I	nputs	E, F,	, <b>G</b>		
		-											•				
Plate No.	Plate Type		E: Pla	ite Mater	rial Stren (in ksi)	gth Prop	oerties		E: Effect. Length Factor	E: Poisson Ratio			ored Men			Configu & Non-	eading uration Con. LL
		F <sub>u</sub>	E: Pla	nte Mater F <sub>a-I</sub>		ngth Prop	oerties $F_{ m va-O}$	E	Effect. Length	Poisson						Configu & Non-	uration Con. LL
		F <sub>u</sub>			(in ksi)			E E7	Effect. Length Factor	Poisson Ratio		due to De	ead Load	(in kips)	)	Configu & Non-G Redu	uration Con. LL



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Project*	:																
Consult	ant*									*Structi	ıre Name						
Agreem	ent*					*Agreen	ent Date			*Stru	cture No.					Route	
Group*				*1.		n/Addend	um Code	1/0/	1900		Rated By					Date	
Total Pl	ates	1	1	Λ	<i><b>Iodificatio</b></i>	on/Addeno	lum Date			Rev	riewed By					Date	
*Requir	red Fields																
		View	Detail		FACTORS - Inputs H												
Plate No.	Plate Type	H: Red Fac (LFD (	tors		d Load tors ONLY)						Н: М	Misc					
		Ω	$\Omega 2$	γ <sub>DL Min</sub>	γ <sub>DL Max</sub>												
A	В	H1	H2	Н3	H4	Н5	Н6	H7	Н8	Н9	H10	H11	H12	H13	H14	H15	H16
1	Bolted	0.74	0	0.9	1.3												



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Consult	ant*									*Structi	ire Name						
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route	
Group*	'			*N	Iodificatio	n/Addend	um Code	1/0/	1900	•	Rated By					Date	
Total Pl	ates	1	1	N	Aodification	on/Addeno	lum Date			Rev	iewed By					Date	
*Requir	red Fields			BOLTS/RIVETS 1 - Inputs I, J													
		View	Detail				BOL	TS/R	IVET	'S 1 -	Input	s I, J					
Plate No.	Plate Type		umber of Bolted/Ri		-	-	J: To		ber of Bo member	olts/Rivet	s per	J: Nun		olts/Rive ne of men	ts in Edg nber	ge (end)	J: Gap
		$N_{sA}$	$N_{sB}$	$N_{sC}$	$N_{sD}$	$N_{sE}$	N <sub>A</sub>	$N_B$	$N_{\rm C}$	$N_D$	$N_{\rm E}$	n <sub>brA</sub>	$n_{brB}$	$n_{brC}$	$n_{brD}$	$n_{brE}$	$G_p$
A	В	I1	12	13	<b>I4</b>	15	J1	J2	J3	J4	J5	J6	J7	J8	<b>J</b> 9	J10	J11
1	Bolted	1	1	1	1	1	80	54	36	54	80	8.5	6	4	6	8.5	0



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Project*	:																
Consulte	ant*									*Structu	re Name						
Agreem	ent*					*Agreen	ent Date			*Strue	cture No.					Route	
Group*				*1		n/Addend	um Code	1/0/2	1900		Rated By					Date	
Total Pl	ates	1	1	Λ	<i><b>Iodificatio</b></i>	on/Addena	lum Date			Rev	iewed By					Date	
*Requir	red Fields				BOLTS/RIVETS 2 - Inputs K, L												
		View	Detail				BOL'	TS/RI	VET	S 2 - I	nputs	s <b>K</b> , L					
Plate	Plate	K: Mi	n. Clear	Distance	Between	Edge	K: M	inimum (	Clear Dis	tance Be	tween	L: Bolt/	Rivet &	L: Bolt/	Rivet Sho	ear (slip	critical)
No.	Type	Bolts/R	ivets and	Gusset/S	Splice pla	te edge	Inner I	Bolts/Riv	ets along	the direc	ction of	hole Di	ameter	Stre	ngth (ksi	& Opti	onal
		alon	g directi	on of for	ce (in inc	hes)		forc	e (in inc	hes)		(in In	ches)	(	Capacity 1	Reductio	n
		$L_{ceA}$	$L_{ceB}$	$L_{ceC}$	$L_{ceD}$	$L_{ceE}$	$L_{ciA}$	$L_{ciB}$	$L_{ciC}$	$L_{ciD}$	$L_{ciE}$	$\mathbf{D_b}$	$\mathbf{D_h}$	F <sub>bolt va-I</sub>	F <sub>bolt va-O</sub>	CR	$\phi F_{bolt}$
A	В	K1	K2	К3	K4	K5	K6	K7	K8	К9	K10	L1	L2	L3	L4	L5	L6
1	Bolted	1.34375	1.21875	1.21875	1.21875	1.34375	3.6875	2.9375	3.1875	2.9375	3.6875	1	1.125	0	0	0.1	30



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Agreem	ent*					*Agreen	nent Date			*Stru	cture No.					Route	
Group*				*1	<i><b>Iodificatio</b></i>	n/Addend	lum Code				Rated By					Date	
Total Pl	ates		1		Modification	on/Addend	dum Date			Rev	riewed By					Date	
*Requi	red Fields																
		View Detail FAILURE LENGTHS - Inputs M, N															
Plate No.	Plate Type				r Failure in inches	_	i					e Failure in inches	_	S		N: I	Misc
		$L_{vA[1]}$	$L_{vA2}$	$\mathbf{L}_{ ext{vB}}$	$\mathbf{L}_{\mathbf{vC}}$	$L_{vD}$	$L_{vE[1]}$	$L_{vE2}$	$\mathbf{L}_{tA[1]}$	$L_{tA2}$	$L_{tB}$	$\mathbf{L_{tC}}$	$L_{tD}$	$L_{tE[1]}$	$L_{tE2}$		
A	В	M1	M2	М3	M4	M5	M6	M7	N1	N2	N3	N4	N5	N6	N7	N8	N9
	Bolted	44.625	44.625												20.5		

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Consulte	ant*									*Structu	re Name							
Agreem	ent*					*Agreem	ent Date			*Struc	ture No.					Route		
Group*				*Mo	dification	ı/Addendu	ım Code			i	Rated By					Date		
Total Pla	ates	1	1	Me	odification	n/Addendi	um Date			Rev	iewed By					Date		
*Requir	ed Fields																	
		View	/ Detail	Oetail WHITMORE LENGTHS - Inputs O, P														
Plate No.	Plate Type			O: Uı	ıbraced	Compres	ssion Le (in in		ing Whi	tmore W	(idth)					hitmore in inches		
		$L_{A1}$	$L_{A2}$	$L_{A3}$	$L_{B1}$	$L_{B2}$	$L_{B3}$	$L_{C1}$	$L_{C2}$	$L_{C3}$	$L_{D1}$	$L_{D2}$	$L_{D3}$	$LW_A$	$LW_B$	LW <sub>C</sub>	$LW_D$	$LW_{E}$
A	В	01	O2	03	04	05	O6	07	08	09	O10	011	O12	P1	P2	Р3	P4	P5
1	Bolted	0	5.5	5.5	0	18.6875	0	12.5	12.5	12.5	0	18.6875	0	54.18	54.45	51.64	54.45	54.18



### **GUSSET PLATE ANALYSIS INPUT**

Project*	<b>k</b>																
Consult	ant*									*Structu	re Name						
Agreem	ent*					*Agreen	nent Date			*Struc	cture No.					Route	
Group*				*N	<i><b>Iodificatio</b></i>	n/Addend	lum Code				Rated By					Date	
Total Pl	lates	1	1	Λ	Modificatio	on/Addeno	lum Date			Rev	iewed By					Date	
*Requir	red Fields																
		View	Detail					WE	LDS -	Inpu	ts Q						
Plate No.	Plate Type	Q: S	Membe	llet Weld r to Guss in inches		ting	Q: Weld	d Electro (Type, l		fication				Q: Misc			
		$W_{sA}$	$\mathbf{W}_{\mathrm{sB}}$	$W_{sC}$	$W_{sD}$	$\mathbf{W}_{\mathrm{sE}}$	E <sub>weld 1</sub>	E <sub>weld 2</sub>	E <sub>weld 3</sub>	E <sub>weld 4</sub>							
A	В	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
1	Bolted										·						



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Project*	<b>k</b>																
Consult	ant*									*Structi	ure Name						
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route	
Group*				*1/2	Iodificatio	n/Addend	um Code			- "	Rated By					Date	
Total Pl	lates	1	1	N	1odificati	on/Addena	lum Date			Re	viewed By					Date	
*Requir	red Fields																
		View	View Detail SECTIONS - Inputs R														
Plate No.	Plate Type	R: Horizontal Section A- A (in inches)  R: Vertical Section B-B R: Vertical Section C-C (lengths in inches)  R: Vertical Section C-C (lengths in inches)											R: Misc				
		$\mathbf{L}_{\mathbf{A}\mathbf{A}}$	$X_A$	$\mathbf{Y}_{\mathbf{A}}$	$L_{BB}$	$X_B, X_{B1}$	$\mathbf{Y}_{\mathbf{B}}$	$N_{BI}$	$N_{BE}$	$\mathbf{L}_{\mathbf{CC}}$	$X_C, X_{C1}$	$\mathbf{Y}_{\mathbf{C}}$	$N_{CI}$	N <sub>CE</sub>			
A	В	R1	R2	R3	R4	R5	R6	<b>R7</b>	R8	R9	R10	R11	R12	R13	R14	R15	R16
1	Bolted	94.75	47.375	23.9625	77.75	6.1875	15.9375	72	8	77.75	6.1875	15.9375	72	8			



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Consult	ant*									*Structu	ıre Name									
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route				
Group*				*N	<i>Iodificatio</i>	n/Addend	um Code			•	Rated By					Date				
Total Pl	lates	1	1	Λ	Aodification	on/Addend	lum Date			Rev	riewed By					Date				
*Requir	red Fields																			
		View	Detail		I	LLOA	D DU	JE TC	HS2	0-44	ΓRUC	CK - I	nput	S						
Plate No.	Plate Type	S: Ma		Load + In (in kips)	npact (Ca	ase 1)	S: M	ax Live I	Load + In (in kips)		ase 2)			S: N	Misc					
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	${f B}_{ m LL2}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$									
A	В	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S10 S11 S12 S13 S14 S15 S16								
1	Bolted	265.000	324	-169	-271	413.8	265	324	-169	-271	413.8									



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Consult	ant*									*Structi	ıre Name						
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route	
Group*				*1.	Iodificatio	n/Addend	um Code				Rated By					Date	
Total Pl	lates	1	1	Λ	Aodification	on/Addena	lum Date			Rev	riewed By					Date	
*Requir	red Fields																
		View	Detail		]	LLOA	D DU	J <b>E T</b> (	) TYI	PE 3 T	ΓRUC	K - I	nput S	8			
Plate No.	Plate Type	S: Ma	ax Live I	oad + In	•	ase 1)	S: M	ax Live I	oad + In	_	ase 2)			S: N	Misc		
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$						
A	В	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32
1	Bolted	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						



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Consult	ant*									*Structu	ıre Name						
Agreem	ent*					*Agreen	nent Date			*Stru	cture No.					Route	
Group*				*N	Iodificatio	on/Addend	lum Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Aodification of the second of	on/Addena	lum Date			Rev	riewed By					Date	
*Requi	red Fields																
		View	Detail		LLO	AD D	UE T	O TY	PE 39	<b>S2 M</b> (	OD. T	RUC	K - In	put S			
Plate No.	Plate Type	S: Ma	ax Live I	Load + In (in kips)	•	ase 1)	S: M	ax Live I	Load + In (in kips)		ase 2)			S: N	Misc		
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathbf{LL2}}$						
A	В	S33	S34	S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47											S48		
1	Bolted	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						



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Project*	ŧ																
Consult	ant*									*Structu	ıre Name						
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route	
Group*	'			*N	<i><b>Iodificatio</b></i>	n/Addend	um Code				Rated By					Date	
Total Pl	lates	1	1	Λ	Aodification	on/Addena	lum Date			Rev	iewed By					Date	
*Requir	red Fields															•	
		View	Detail		L	LOA	D DU	Е ТО	TYP	E 3-3	TRU	<b>CK -</b> ]	Input	S			
Plate No.	Plate Type	S: Ma	ax Live L	oad + In (in kips)	•	ase 1)	S: M	ax Live I	Load + In (in kips)		ase 2)						
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathbf{LL2}}$						
A	В	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58	S59	S60	S61	S62	S63	S64
1	Bolted	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						



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Project*	:																
Consult	ant*									*Structu	ıre Name						
Agreem	ent*					*Agreen	ient Date			*Stru	cture No.					Route	
Group*				*1.	<i>Iodificatio</i>	n/Addend	um Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Aodification	on/Addend	lum Date			Rev	riewed By					Date	
*Required Fields																	
		View	Detail			LLC	AD I	OUE T	Ю Н-	15 TI	RUCK	C - Inp	out S				
Plate No.	Plate Type	S: Ma		Load + In (in kips)	•	ase 1)	S: M	ax Live I	Load + In (in kips)		ase 2)			S: N			
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$						
A	В	S65	S66	S67	S68	S69	S70	S71	S72	S73	S74	S75	S76	S77	S78	S79	S80
1	Bolted	0.010 0.01 0.01 0.01 0.01			0.01	0.01	0.01	0.01	0.01								



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Agreem	ent*					*Agreen	ent Date			*Stru	cture No.					Route	
Group*	•			*N	<i><b>Iodificatio</b></i>	n/Addend	um Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Aodification	on/Addena	lum Date			Rev	iewed By					Date	
*Requir	red Fields																
	Plate Type	View	Detail			LLC	)AD I	OUE 7	ro st	J <b>4 TR</b>	RUCK	- Inp	out S				
Plate No.		S: Ma		Load + In (in kips)	npact (Ca	ase 1)	S: Ma	ax Live I	oad + In (in kips)	npact (Ca	ase 2)			S: N	Misc		
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathbf{LL2}}$						
A	В	S81	S82	S83	S84	S85	S86	S87	S88	S89	S90	S91	S92	S93	S94	S95	S96
1	Bolted	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						_



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Agreem	ent*					*Agreen	ent Date			*Stru	cture No.					Route	
Group*	·			*N	<i>Iodificatio</i>	n/Addend	um Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Aodification	on/Addend	lum Date			Rev	riewed By					Date	
*Required Fields																	
		View	Detail			LLC	)AD I	OUE T	ro su	J <b>5 TR</b>	RUCK	- Inp	out S				
Plate No.	Plate Type	S: Ma	ax Live I	Load + In (in kips)	•	ase 1)	S: M	ax Live I	Load + In (in kips)		ase 2)			S: N	Misc		
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$						
A	В	S97	S98	S99	S100	S101	S102	S103	S104	S105	S106	S107	S108	S109	S110	S111	S112
1	Bolted	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						



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Agreem	ent*					*Agreen	ent Date			*Strue	cture No.					Route		
Group*	•			* <i>N</i> .	<i><b>Iodificatio</b></i>	n/Addend	um Code				Rated By					Date		
Total Pl	ates	1		Λ	Aodification	on/Addena	lum Date			Rev	iewed By					Date		
*Requir	red Fields															•		
		View	Detail			LLC	)AD I	OUE 7	ro su	J <b>6 TR</b>	RUCK	- Inp	out S					
Plate No.	Plate Type	S: Ma	ax Live L	Load + In (in kips)	•	ase 1)	S: Ma	ax Live I	oad + In (in kips)	npact (Ca	ase 2)			S: N	Misc			
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$							
A	В	S113 S114 S115 S116 S117				S117	S118	S119	S120	S121	S122	S123	S124	S125	S126	S127	S128	
1	Bolted	0.010	0.010 0.01 0.01 0.01 0.01					0.01	0.01	0.01	0.01							



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Agreem	ent*					*Agreen	nent Date			*Stru	cture No.					Route	
Group*				*N	<i>Iodificatio</i>	n/Addend	lum Code				Rated By					Date	
Total Pl	lates	1	l	Λ	Aodification	on/Addend	lum Date			Rev	riewed By					Date	
*Requir	red Fields																
		View	Detail			LLC	OAD I	OUE 7	ro su	U <b>7 T</b> R	RUCK	- Inp	out S				
Plate No.	Plate Type	S: Ma	ax Live I	oad + In (in kips)	•	ase 1)	S: M	ax Live I	Load + In (in kips)	•	ase 2)						
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$						
A	В	S129	S130	S131	S132	S133	S134	S135	S136	S137	S138	S139	S140	S141	S142	S143	S144
1	Bolted	0.010	0.010 0.01 0.01 0.01 0.01				0.01	0.01	0.01	0.01	0.01						



### **GUSSET PLATE ANALYSIS INPUT**

Project*	:																
Consult	ant*									*Structu	ıre Name						
Agreem	ent*					*Agreen	ent Date			*Stru	cture No.					Route	
Group*				*1.	Iodificatio	n/Addend	um Code				Rated By					Date	
Total Pl	ates	1		Λ	Aodification	on/Addena	lum Date			Rev	iewed By					Date	
*Requir	red Fields															•	
	Plate Type	View	Detail			LLC	)AD I	OUE 7	го е	V2 TF	RUCK	- Inp	out S				
Plate No.		S: Ma	ax Live I	Load + In (in kips)	•	ase 1)	S: M	ax Live I	oad + In (in kips)	npact (Ca	ase 2)		S: Misc				
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathbf{LL2}}$						
A	В	S145	S146	S147	S148	S149	S150	S151	S152	S153	S154	S155	S156	S157	S158	S159	S160
1	Bolted	0.010	0.010 0.01 0.01 0.01 0.01				0.01	0.01	0.01	0.01	0.01						



### **GUSSET PLATE ANALYSIS INPUT**

Project*																	
Consult	ant*									*Structu	ire Name						
Agreem	ent*					*Agreen	ent Date			*Stru	cture No.					Route	
Group*	•			*N	<i><b>Iodificatio</b></i>	n/Addend	um Code				Rated By					Date	
Total Pl	ates	1	1	Λ	Aodification	on/Addena	lum Date			Rev	iewed By					Date	
*Requir	red Fields															•	
	Plate Type	View	Detail			LLC	)AD I	OUE 7	го е	V3 TF	RUCK	- Inp	out S				
Plate No.		S: Ma	ax Live I	oad + In (in kips)	•	ase 1)	S: Ma	ax Live I	oad + In (in kips)	npact (Ca	ase 2)						
		$\mathbf{A}_{\mathrm{LL1}}$	$\mathbf{B}_{\mathrm{LL1}}$	$C_{LL1}$	$\mathbf{D}_{\mathrm{LL1}}$	$\mathbf{E}_{\mathrm{LL1}}$	$A_{LL2}$	$\mathbf{B}_{\mathrm{LL2}}$	$C_{LL2}$	$\mathbf{D}_{\mathrm{LL2}}$	$\mathbf{E}_{\mathrm{LL2}}$						
A	В	S161	S162	S163	S164	S165	S166	S167	S168	S169	S170	S171	S172	S173	S174	S175	S176
1	Bolted	0.010	0.010 0.01 0.01 0.01 0.01					0.01	0.01	0.01	0.01						