

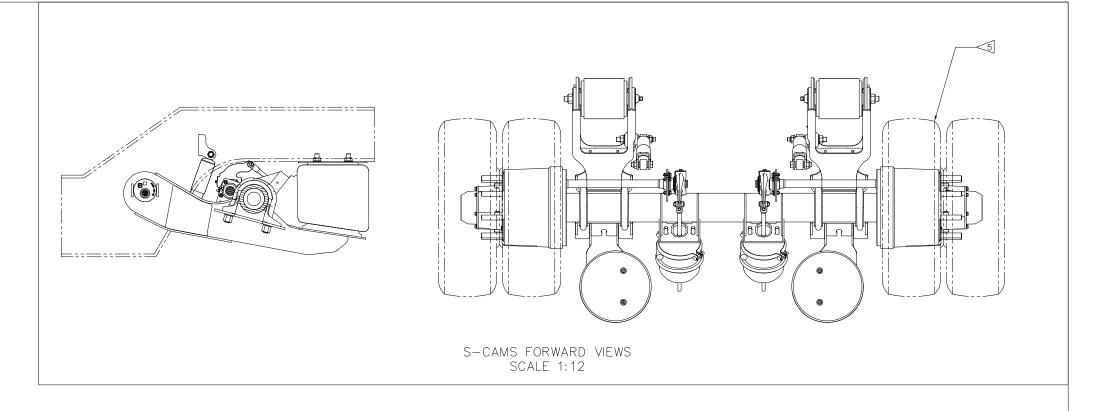
STANDARD TRAVEL											
	RIDE HEIGHT	JOUNCE	TEBOUND	BUMPER CONTACT	D	Ε	F	G^{2}	H^{2}	RIDE HE TOLERANCE MIN.	
	6.5	3.3	3.8	2.8	.188	5.5	19.0	3.2	10.3	6.5	7.25
WELD-ON	7.5	3.9	3.8	3.4	.188	6.5	19.0	3.6	11.3	7.0	8.25
	9.0	4.7	3.8	4.2	.188	8.0	19.0	4.3	12.8	7.75	10.0

AXLE TRACK	77.5				
AXLE THACK	77.5				
DIMENSION A	35.00	37.00			
DIMENSION B	39.00	41.00			
DIMENSION $oldsymbol{\mathcal{C}}$	53.00	55.00			

GROUND CLEARANCE							
TO CALCULATE GROUI SUBTRACT "J" FROM LO	ND CLEARANCE, ADED TIRE RADIUS.						
RIDE HEIGHT	J						
6.5-9.0	9.73						

	BRAKE CHAMBER CENTERS						
	AXLE TRACK	77.5					
	DIMENSION $oldsymbol{B}$	39.00		41.00			
	SPINDLE TYPE	HP	HN	HP	HN		
DIMENSION M	12.25" X 7.5"	N/A	N/A	14.67	14.89		
DIMENSION M PER BRAKE SIZE	16.5" X 7" -OR- 16.5" X 8.63	10.50	10.25	15.00	14.75		

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- NOTES:

 JOUNCE AND REBOUND DIMENSIONS CHANGE AS THE RIDE HEIGHT CHANGES FROM THE NOMINAL POSITION.
- DIMENSIONS "G" & "H" WILL REMAIN CONSTANT REGARDLESS OF RIDE HEIGHT VARIATION FROM NOMINAL POSITION.
 RIDE HEIGHT JOUNCE = "G"

RIDE HEIGHT - JOUNCE = "G"

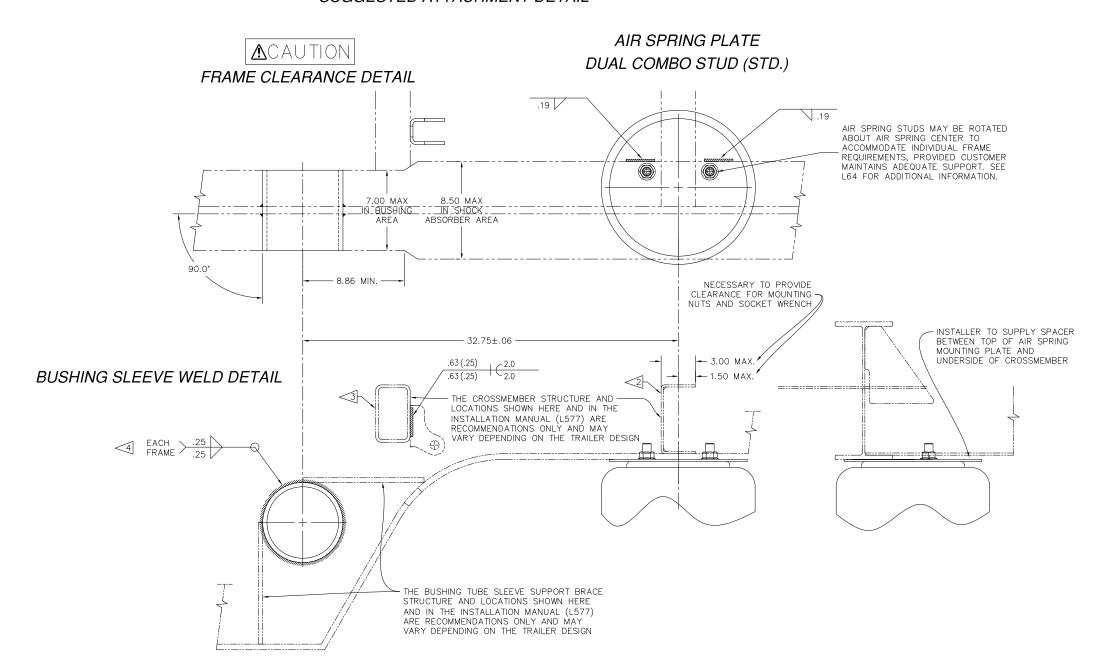
RIDE HEIGHT + REBOUND = "H"

- FOR OPTIMUM SUSPENSION PERFORMANCE ALL SUSPENSIONS ON A TRAILER SHOULD BE AT DESIGNED RIDE HEIGHT WHEN THE TRAILER IS LOADED. TRAILERS WITH FLEXIBLE FRAMES REQUIRE SPECIAL ATTENTION TO MAKE SURE THEY OPERATE WITHIN THE RIDE HEIGHT TOLERANCE LIMITS, BOTH EMPTY AND LOADED. OPERATION OUTSIDE OF THE MAXIMUM AND/OR MINIMUM RIDE HEIGHT TOLERANCE LIMITS CAN REDUCE RIDE QUALITY AND SHORTEN SUSPENSION LIFE.
- 4. VARIATION IN RIDE HEIGHT BETWEEN LIKE SUSPENSIONS MAY RESULT IN UNEQUAL LOADING OF THE AXLES.
- ←5. GRAPHICS SHOWN ARE REFERENCE OF A CXY AT 6.5" RH 12.25" BRAKES S-CAMS FORWARD WITH 245/70R17.5 TIRES. SEE PAGE 1 FOR GRAPHIC REFERENCE OF S-CAMS REAR.

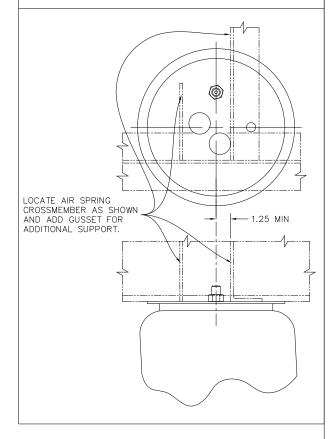
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	TOLERANCES ARE DIMENSIONS ARE:	S. BIRKEY	12-04-18		1:4	D	2
	.X: ± - INCHES .XX: ± -	CHK'O BY J. HOFER	THIS DRAWING IS	T CONNEX™ CXY	DRAWING No.		_
TRAILER COMMERCIAL VEHICLE SYSTEMS	.XXX: ± - 380 ANGLE PROJECTION	12-04-18 APP'D BY: DATE K. ERDMANN	THE CONFIDENTIAL PROPERTY OF HENDRICKSON	INSTALLATION DRAWING	D-	-38979	

SUGGESTED ATTACHMENT DETAIL



OPTIONAL SINGLE COMBO STUD ROTATED **DETAIL**



NOTES:

- 1. "MM. PATTERN DENOTES WELD PLACEMENT

- CROSSMEMBER AND/OR GUSSETS MUST ADEQUATELY SUPPORT UPPER AIR SPRING PLATE.
 20,000 LBS. CAN BE EXERTED THROUGH AIR SPRING BUMPER
 CROSSMEMBERS AND/OR GUSSET MUST ADEQUATELY SUPPORT SHOCK ABSORBER BRACKETS. LOADS OF UP
 TO 8,000 LB CAN BE EXERTED THOUGH EACH SHOCK ABSORBER.
- <4. NOTICE: THE BUSHING TUBE SLEEVE MUST NOT CONTAIN A TRI-FUNCTIONAL® BUSHING AT THIS TIME.
- CAUTION: ALLOW ADEQUATE COOLING BETWEEN WELDS TO PREVENT EXCESSIVE HEATING OF THE TRI-FUNCTIONAL® BUSHING.
- SEE L64 TRAILER SUSPENSION SYSTEMS WELDING PROCEDURES FOR ADDITIONAL INFORMATION ON BUSHING TUBE ASSEMBLY, CROSS MEMBER, UPPER SHOCK BRACKET AND AIR SPRING MOUNT WELDING PROCEDURES.

BUSHING TUBE WELD DETAIL <5 /BOTH SIDES, 4 WELDS EVENLY SPACED $\mathsf{NON}\!-\!\mathsf{VOID}$ ORIENTATION (HORIZONTAL) VOID ORIENTATION (VERTICAL)

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> HIMPREKSON TRAILER COMMERCIAL VEHICLE SYSTEMS

UNLESS OTHERWISE NOTED:
TOLERANCES ARE DIMENSIONS ARE: S. BIRKEY 12-04-18 | NOTES | NOTE J. HOFER 0 31883 SLB 12-04-18 APP'D BY:
K. ERDMANN

CONNEX™ CXY INSTALLATION DRAWING 1:4 D PAGE 3 OF 3 D-38979