

REMOVE ALL SHARP EDGES IF IN DOUBT ASK DO NOT SCALE DRAWING CAST, STAMP OR STENCIL PART NUMBER ORIGINAL CREATED ON WST1  
IN SUITABLE LOCATION IN SUITABLE LOCATION SOLID MODELING WORKSTATION

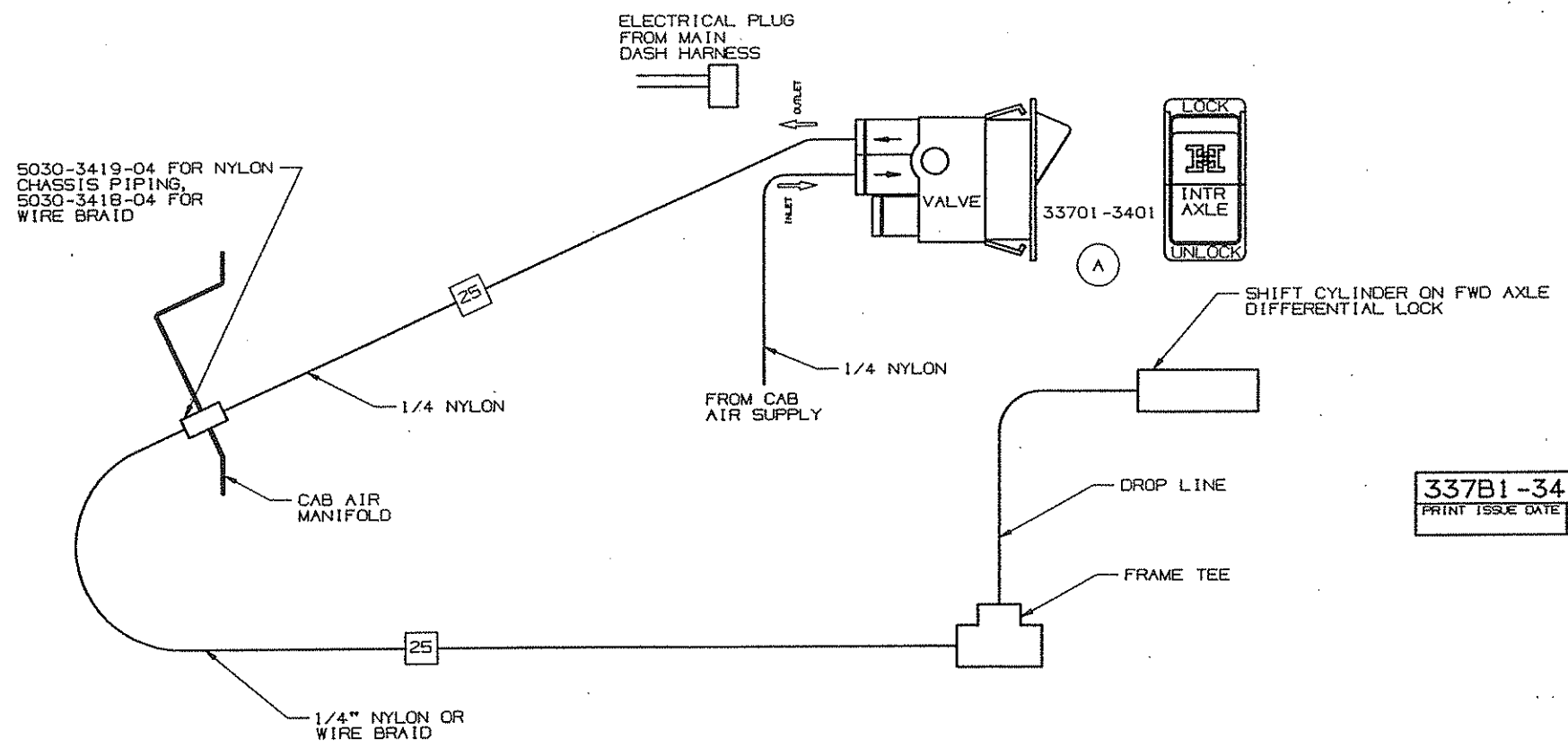
# DRIVE AXLE TRACTION CONTROL SCHEMATICS

1|FOLD

	WESTERN STAR TRUCKS INC. COMPUTER GRAPHICS KELOWNA, B.C.	
	DIVIDER PAGE	REV. NEW SHT 1 OF 1

CAST, STAMP OR STENCIL PART NUMBER IN SUITABLE LOCATION DO NOT SCALE DRAWING IF IN DOUBT, ASK REMOVE ALL SHARP EDGES ORIGINAL CREATED ON WSTI COMPUTER GRAPHICS

ECO	CHG	CHANGE	BY	DATE	CKD	APVD
B1131	A	VALVE WAS 72403-3406	TWB	4SEPT95		

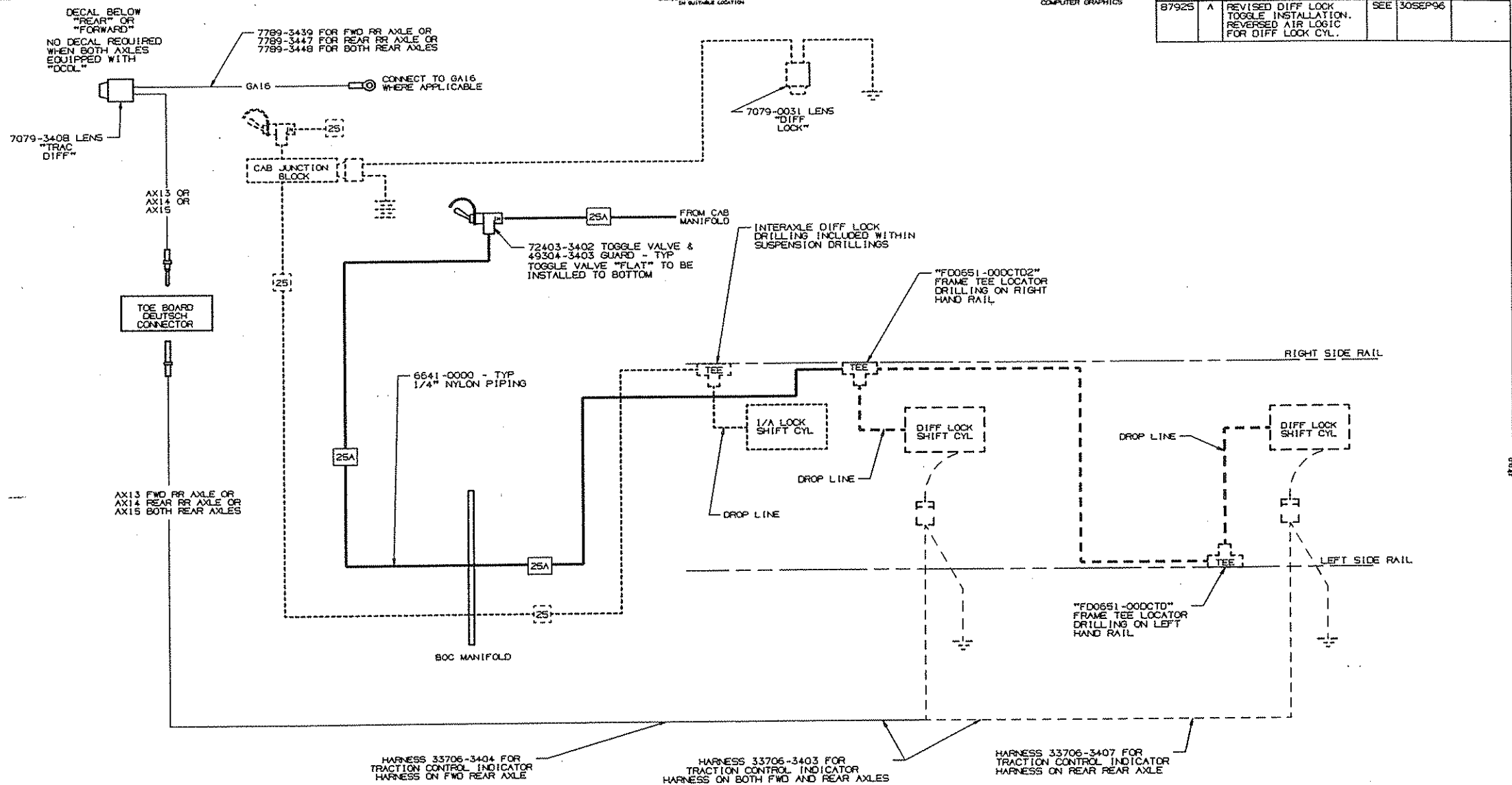


<b>337B1-3419</b>	
PRINT ISSUE DATE	CHG
	A

CAB 604 APPLICATION PART NO. 337B1-3419 A REV	X	-1	SCHEMATIC			
		COMP. NO.	DESCRIPTION	SIZE	MATERIAL	
		WESTERN STAR TRUCKS INC. COMPUTER GRAPHICS KELLOWNA, B.C.				
		TOLERANCES (UNLESS NOTED)		BY	DATE	
		MACHINING	±.02 IN.	DWN TWB	6AUG94	
		HOLE CNTRS	±.02 IN.	CKD DVC	10AUG94	
		HOLE DIAM	±.02 IN.	APVD JRR	23AUG94	
		LINEAR	±.03 IN.	END	T68574	
		ANGULAR	±1/2°	SCALE NONE		
		THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IT SHALL NOT BE USED OR REPRODUCED OR ITS CONTENTS DISCLOSED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF WESTERN STAR TRUCKS INC., KELLOWNA, B.C.				
	SCHEMATIC			MR NO. 1240		
	DIFFERENTIAL LOCK			337B1-3419		

CAST, STAMP OR STEEL PART NUMBER DO NOT SCALE DRAWING IF IN DOUBT, USE REVERSE ALL SHIP BOOKS ORIGINAL CREATED ON WESTI COMPUTER GRAPHICS

ECO	CHG	CHANGE	BY	DATE	CHK	APVC
87925	A	REVISED DIFF LOCK TOGGLE INSTALLATION. REVERSED AIR LOGIC FOR DIFF LOCK CYL.	SEE	30SEP96		



NOTES

- ALL TRUCKS THIS APPLICATION
- OPTIONAL OR AS REQUIRED
- AIR LINES
  - ELECTRICAL
  - OPTIONAL COMPONENTS
  - INTERAXLE DIFF LOCK SYSTEM (AS GIVEN ON 337B1-3401)
  - ALL LOCK SHIFT CYLINDERS SHOWN USE AIR TO ENGAGE.

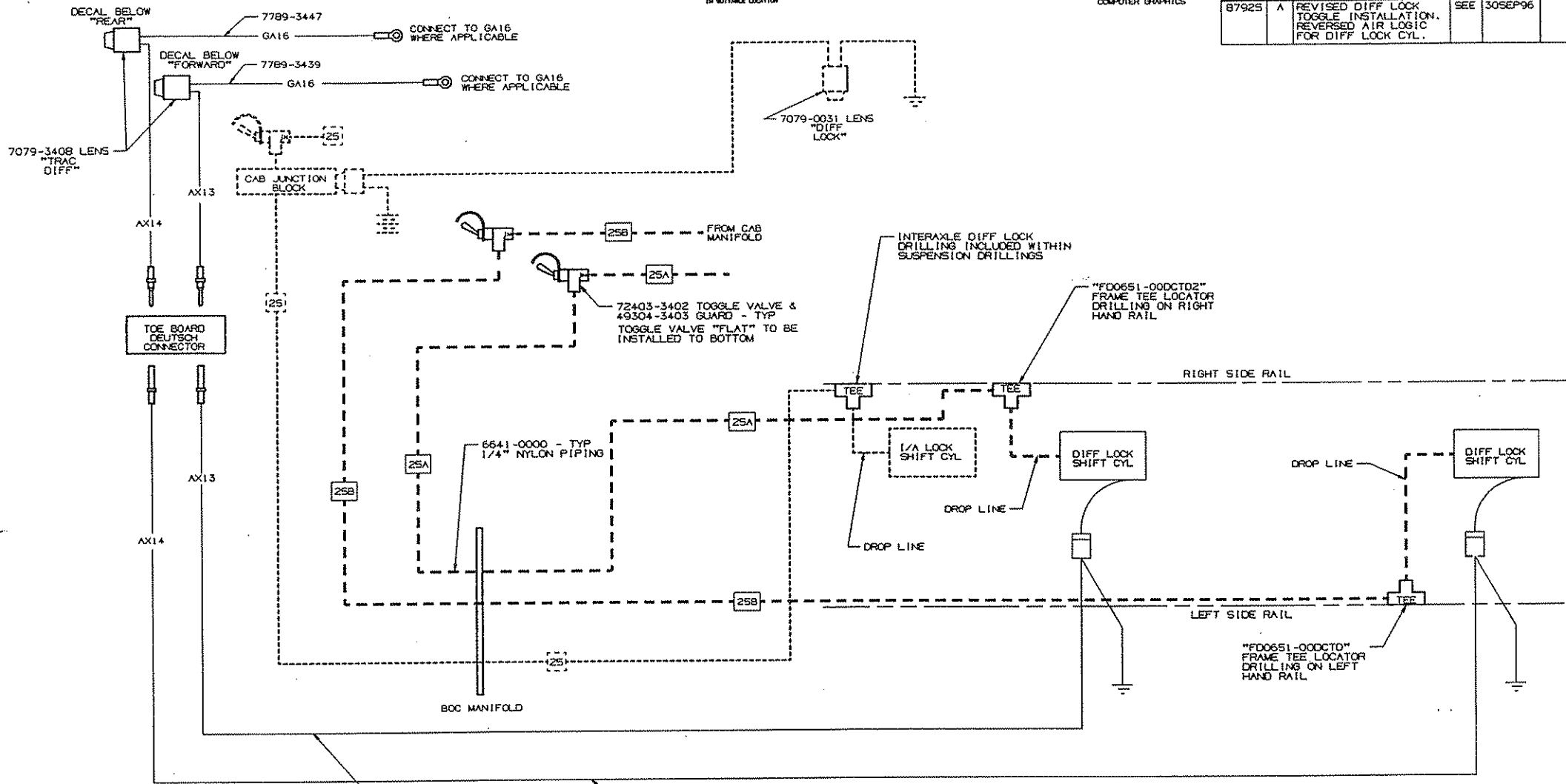
APPLICATIONS:  
"DRIVER CONTROLLED DIFFERENTIAL LOCK"  
FRONT OR REAR OR BOTH  
WITH SINGLE CONTROL SWITCH

337B1-3423  
PRINT DATE ONE TOP  
A

COMP. NO.	DESCRIPTION	SIZE	MATERIAL
-1	SCHMATIC		
WESTERN STAR TRUCKS INC. COMPUTER GRAPHICS KALCONA, S.C.			
TOLERANCES (UNLESS NOTED)		BY	DATE
MACHINING ±	IN. DWN	SEE	05JAN95
HOLE CNTRS ±	IN. CKD		
HOLE DIAM ±	IN. APVD	RP	13JAN95
LINEAR ±	IN. ENO		30487
ANGULAR ±	SCALE	NONE	
MR NO. 1240			
EATON 05-461 337B1-3423		APPLICATION PART NO.	
337B1-3423		SCHEMATIC	
TRACTION CONTROL		337B1-3423	

CAST, STAMP OR STENCIL PART NUMBER IN SUITABLE LOCATION DO NOT SCALE DRAWING IF IN DOUBT, ASK REMOVAL ALL SHARP EDGES ORIGINAL CREATED ON WEST1 COMPUTER GRAPHICS

ENO	CHG	CHANGE	BY	DATE	CKD	APVD
87925	A	REVISED DIFF LOCK TOGGLE INSTALLATION. REVERSED AIR LOGIC FOR DIFF LOCK CYL.	SEE	30SEP96		



HARNESS 33706-3404 FOR DRIVER CONTROLLED DIFF LOCK ON FWD REAR AXLE.

HARNESS 33706-3407 FOR DRIVER CONTROLLED DIFF LOCK ON REAR REAR AXLE.

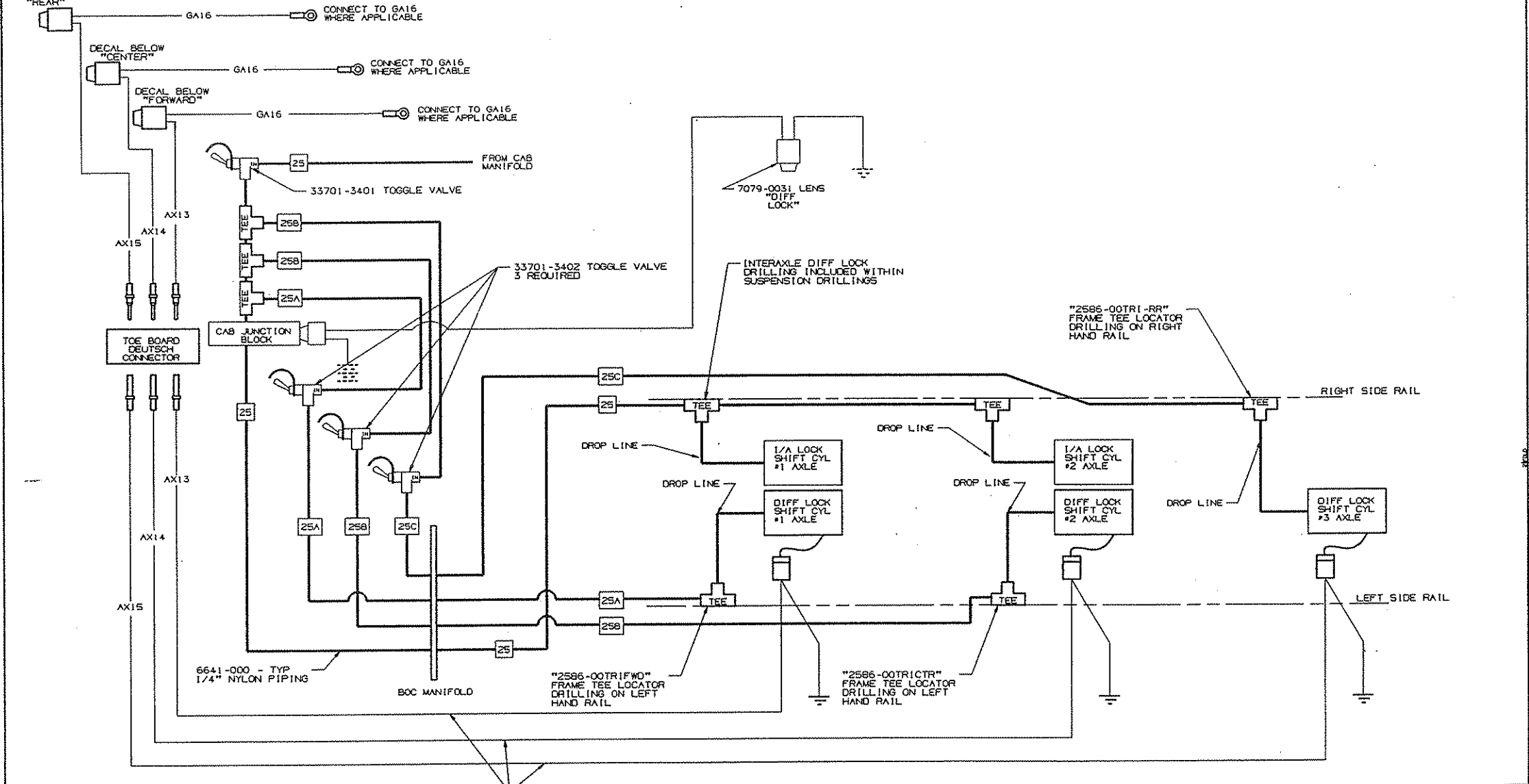
NOTES

1. AIR LINES - - - - -
2. ELECTRICAL \_\_\_\_\_
3. INTERAXLE DIFF LOCK SYSTEM (AS GIVEN ON 33781-3401)
4. ALL LOCK SHIFT CYLINDERS SHOWN USE AIR TO ENGAGE.

APPLICATIONS:  
"DRIVER CONTROLLED DIFFERENTIAL LOCK"  
FRONT AND REAR WITH SEPARATE  
CONTROL SWITCHES.

33781-3424  
PRINT DATE 10/96

COMP. NO.	DESCRIPTION	SIZE	MATERIAL
33781-3424	SCHMATIC		
WESTERN STAR TRUCKS INC. COMPUTER GRAPHICS MELDRA, S.C.			
TOLERANCES (UNLESS NOTED):			
MACHINING ±	IN.	DWN	SEE 10 JAN 95
HOLE CNTRS ±	IN.	CRD	
HOLE DIAM ±	IN.	APVD	13 JAN 95
LINEAR ±	IN.	ENO	40033
ANGULAR ±		SCALE	NONE
SCHEMATIC			MR. NO. 1240
TRACTION CONTROL			33781-3424



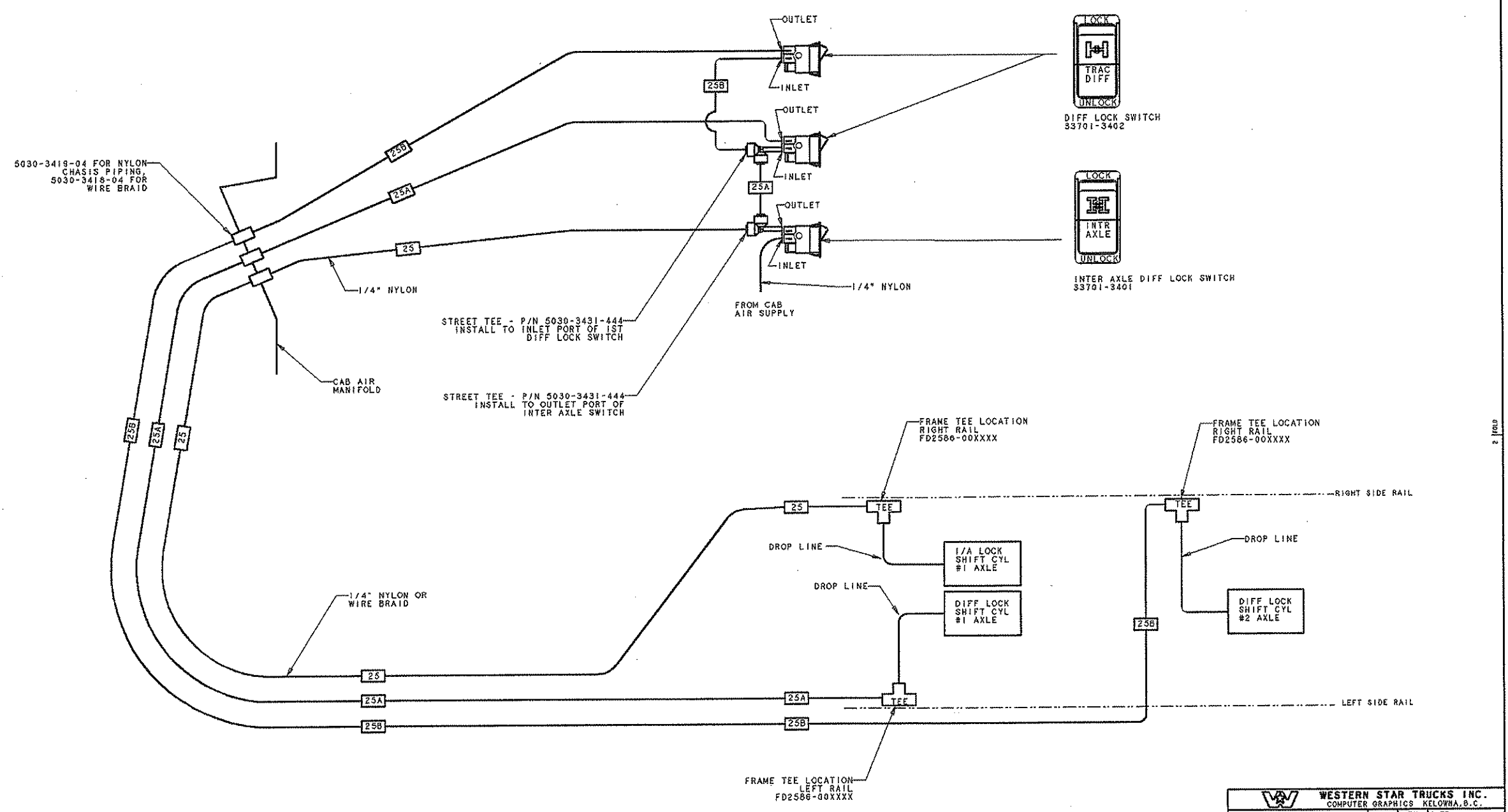
NOTES

- ALL TRUCKS THIS APPLICATION
1. AIR LINES —————
2. ELECTRICAL - - - - -
3. OPTIONAL COMPONENTS - - - - -
4. ALL LOCK SHIFT CYLINDERS SHOWN USE AIR TO ENGAGE.
- OPTIONAL OR AS REQUIRED

APPLICATIONS:  
 DRIVER CONTROLLED DIFFERENTIAL LOCK\*  
 FRONT, CENTER AND REAR WITH SEPARATE CONTROL SWITCHES FOR ROCKWELL TRIDEM AXLES.

337B1-3426  
 PART ISSUE DATE 10/95

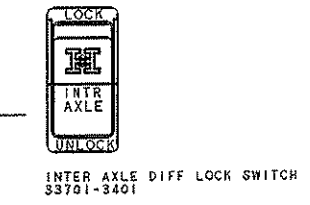
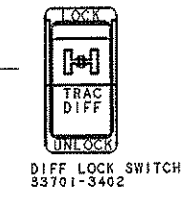
-1	SCHEMATIC		SIZE	MATERIAL
COMP. NO.	DESCRIPTION		SIZE	MATERIAL
WESTERN STAR TRUCKS INC.	COMPUTER GRAPHICS		NELSONA, B.C.	
TOLERANCES (UNLESS NOTED)	BY	DATE		
MACHINING ±	IN.	CKD	19MAR96	
HOLE CNTRS ±	IN.	CKD		
HOLE DIAM ±	IN.	APVD/FWS	21MAR96	
LINEAR ±	IN.	ECCO	84170	
ANGULAR ±		SCALE	NONE	
SCHEMATIC				MR. NO. 1248
TRACTION CONTROL				337B1-3426



5030-3419-04 FOR NYLON CHASSIS PIPING  
5030-3419-04 FOR WIRE BRAID

STREET TEE - P/N 5030-3431-444  
INSTALL TO INLET PORT OF 1ST  
DIFF LOCK SWITCH

STREET TEE - P/N 5030-3431-444  
INSTALL TO OUTLET PORT OF  
INTER AXLE SWITCH

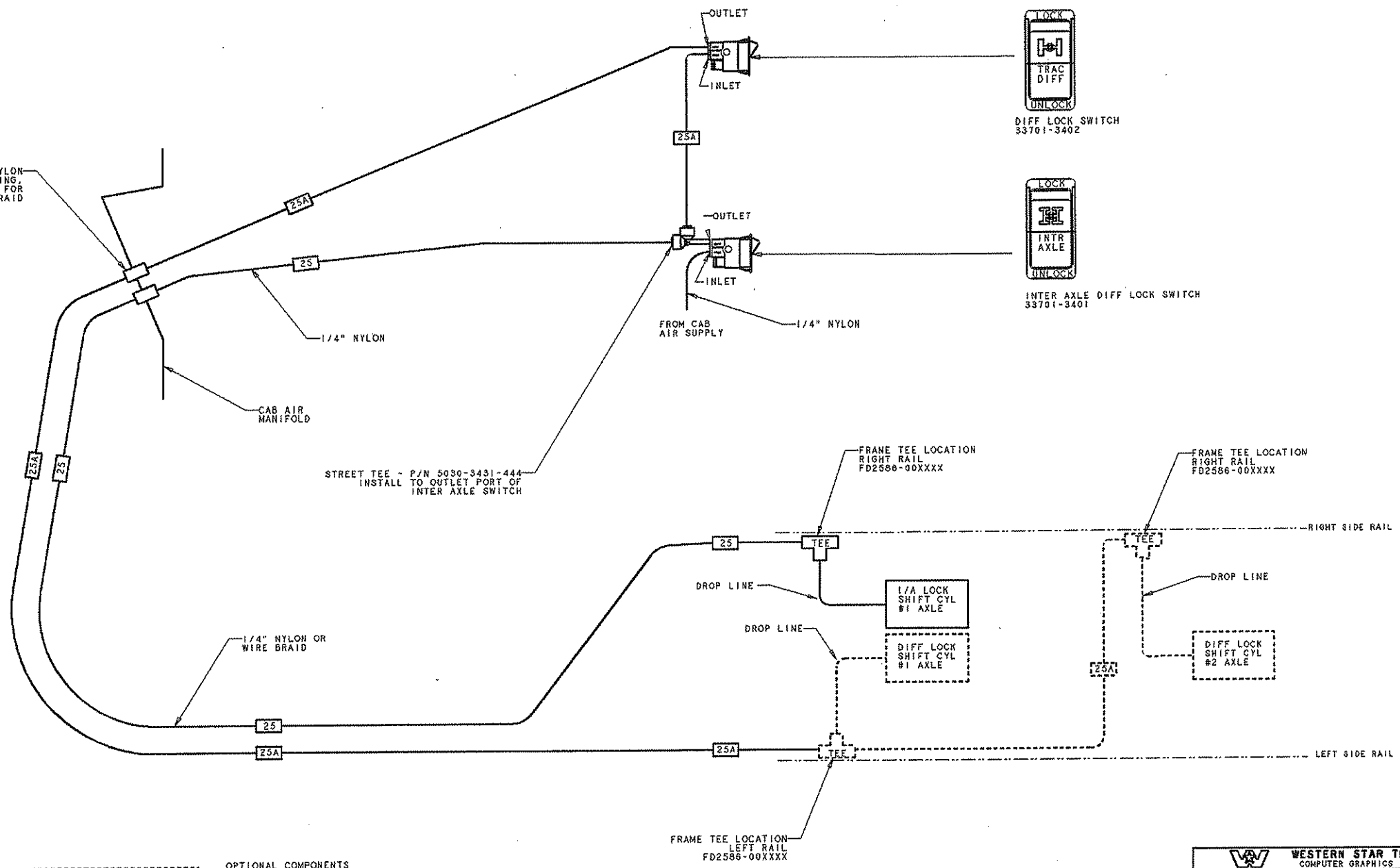


APPLICATION: SEQUENTIAL DIFF LOCK PIPING  
MERITOR AXLES

33781-3431  
PART ISSUE DATE  
REV  
NEW

<b>WESTERN STAR TRUCKS INC.</b> COMPUTER GRAPHICS KELOWNA, B.C.			
TOLERANCES UNLESS NOTED:		BY	DATE
MACHINING	± INCH	DWN	CBM 20MAY98
HOLE CENTERS	± INCH	CRD	
HOLE DIAMETERS	± INCH	APVD	
LINEAR	± INCH	ECO	98127
ANGULAR	±	SCALE	NONE
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<b>AIR PIPING SCHM-TANDEM AXLE DIFF LOCKS-DUAL SWITCH</b>		MR. NO. 1248	33781-3431
			SHT 1 OF 1

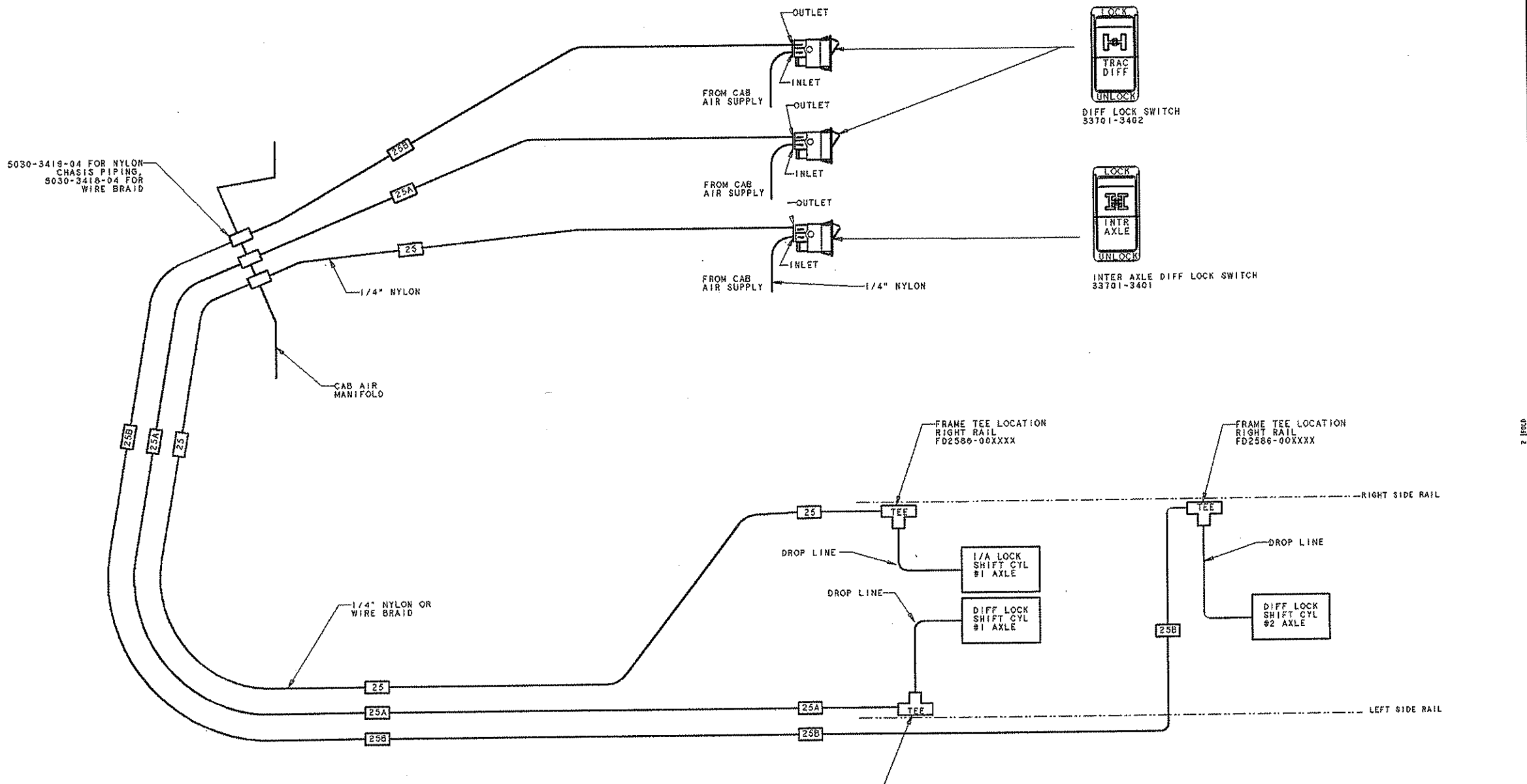
5030-3418-04 FOR NYLON CHASSIS PIPING, 5030-3418-04 FOR WIRE BRAID



APPLICATION: SEQUENTIAL DIFF LOCK PIPING  
MERITOR AXLES  
SINGLE OR DUAL DIFF LOCKS

337B1-3432  
337B1-3432  
337B1-3432

WESTERN STAR TRUCKS INC. COMPUTER GRAPHICS KELOWNA, B.C.			
TOLERANCES UNLESS NOTED:		BY DATE	
MACHINING	± INCH	DOWN	CBN 20MAY98
HOLE CENTERS	± INCH	CRD	
HOLE DIAMETERS	± INCH	APVD	
LINEAR	± INCH	ECO	98127
ANGULAR	± °	SCALE	NONE
AIR PIPING SCHN-TANDEM AXLE			
DIFF LOCKS-SINGLE SWITCH			
MR NO. 1248			337B1-3432



5030-3419-04 FOR NYLON CHASSIS PIPING  
5030-3418-04 FOR WIRE BRAID

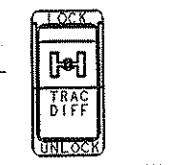
1/4" NYLON

1/4" NYLON OR WIRE BRAID

FROM CAB AIR SUPPLY

FROM CAB AIR SUPPLY

FROM CAB AIR SUPPLY



DIFF LOCK SWITCH 33791-3402



INTER AXLE DIFF LOCK SWITCH 33791-3491

FRAME TEE LOCATION RIGHT RAIL FD2586-00XXXX

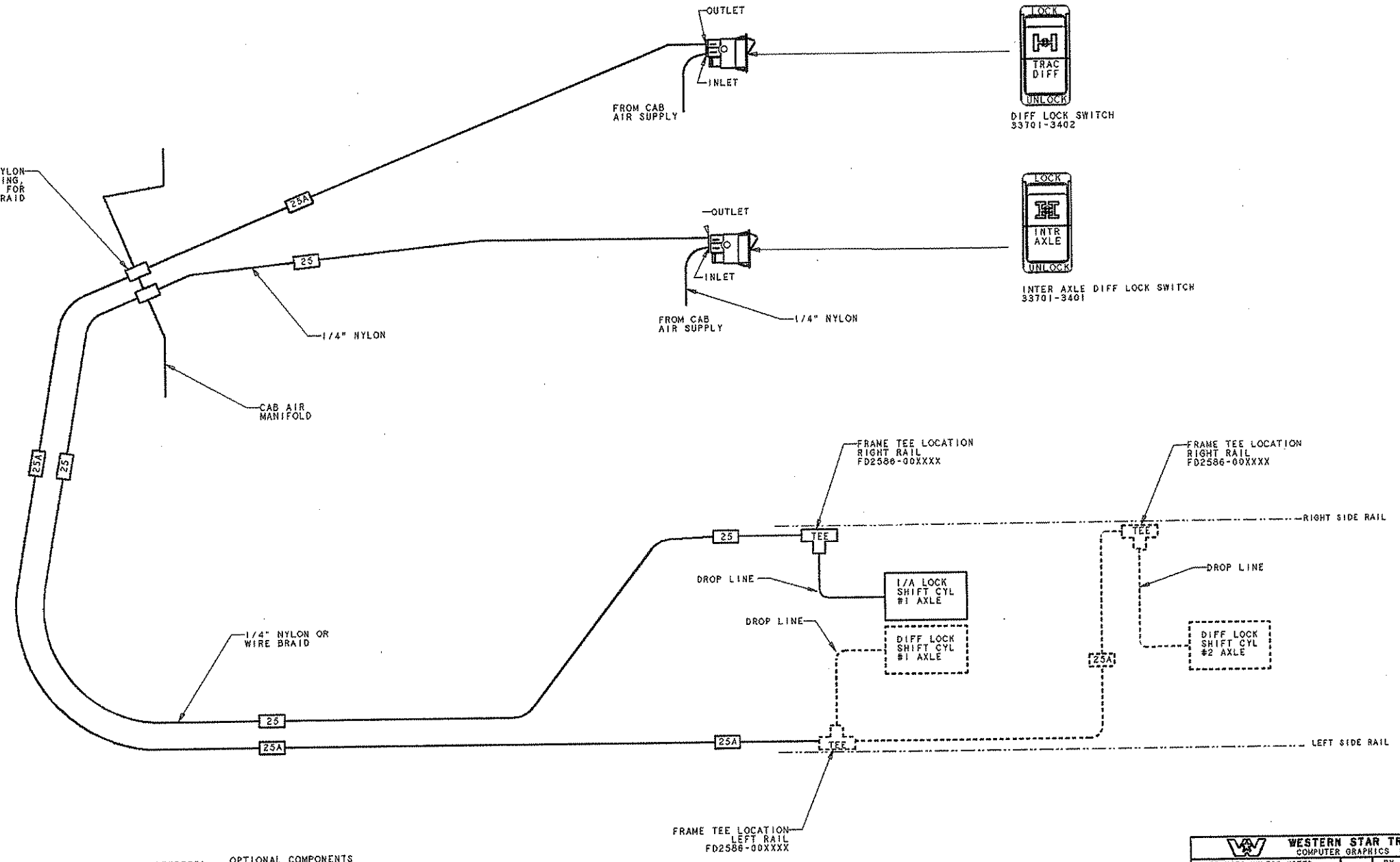
FRAME TEE LOCATION RIGHT RAIL FD2586-00XXXX

FRAME TEE LOCATION LEFT RAIL FD2586-00XXXX

<b>WESTERN STAR TRUCKS INC.</b>			
COMPUTER GRAPHICS KELOWNA, B.C.			
TOLERANCES UNLESS NOTED:		BY DATE	
MACHINING	± INCH	DWN	CBN 25MAY98
HOLE CENTERS	± INCH	CRD	
BOLE DIAMETERS	± INCH	APVD	
LINEAR	± INCH	ECCO	98127
ANGULAR	±	SCALE	NONE
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AIR PIPING SCHN-TANDEN AXLE DIFF LOCKS-DUAL SWITCH			MR NO. 1248
33781-3433			SHT 1 OF 1

33781-3433  
SHT 1 OF 1

5030-3418-04 FOR NYLON CHASSIS PIPING  
 5030-3418-04 FOR WIRE BRAID



----- OPTIONAL COMPONENTS

APPLICATION: SINGLE OR DUAL DIFF LOCKS

1 FOLD

337B1-3434  
 PRINT ISSUE DATE  
 NEW

3 FOLD

<b>WESTERN STAR TRUCKS INC.</b> COMPUTER GRAPHICS KELOWNA, B.C.			
TOLERANCES UNLESS NOTED:		BY	DATE
MACHINING	± INCH	DWN	CBN 25MAY98
HOLE CENTERS	± INCH	CKD	
HOLE DIAMETERS	± INCH	APVD	
LINEAR	± INCH	ECO	98127
ANGULAR	±	SCALE	NONE
<small>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IT SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF WESTERN STAR TRUCKS INC., KELOWNA, BC</small>			
<b>AIR PIPING SCHN-TANDEM AXLE</b>			MR NO. 1248
<b>DIFF LOCKS-SINGLE SWITCH</b>			337B1-3434

2 FOLD