

DWG NO	-----
172134-01	FORD
172134-02	WORKHORSE
172134-03	WH DIESEL

MOUNT-BODY
172092-01-CHT
BOLT
000C12-10-32B
NUT
000D39-10-00B
PLATE-BODY MOUNT
135712-02-CHT

3678
BOLT
000C26-05-12B
75
25
3678
NEGATIVE BAR-FRAME
140031-01-CHT
DETAIL AB

MOUNT-BODY
134192-08-CHT

MOUNT-BODY
117809-01-CHT (4)
SHIM
130953-10-140 A/R

ANGLE-WIRE SUPPORT
126624-01-CHT
(LOCATED ON TOP
OF CROSSMEMBER)

DETAIL BE

MOUNT-BODY
134192-03-CHT(6)

BRACKET-ANGLE
134317-05-CHT
1245
11
CL FRONT AXLE
CL VEHICLE
-B-
DATUM

TUBE-W/HOLES
115744-16-CHT
(REF)

MOUNT-BODY
172092-02-CHT
BOLT
000C12-10-32B
NUT
000D39-10-00B
PLATE-BODY MOUNT
135712-02-CHT

CHANNEL-FORMED
134304-01-CHT (6)

OUTRIGGER ASM-GENERATOR
138113-05-CHT

CHANNEL ASM
134482-03-CHT

FRONT END/CHASSIS ASM
167251-02-CHT
BOLT
000C26-05-12B(2)

ANGLE-WIRE SUPPORT
126624-01-CHT (11)

STL-TUBE
130885-00-400

SKID PLATE ASM
140441-03-CHT (2)

RECEIVER ASM -HITCH
170710-01-CHT
LABEL-HITCH
172243-01-CHT

GRD BOLT
000C26-05-12B

DETAIL AA
RAIL ASM
172134-11

16 TRIM OFF END OF EXHAUST HANGER BOLT, LEAVING THREE THREADS
EXTENDING FROM NUT.

15 APPLY SEALANT 072889-19-000 OR 094401-06-000 BETWEEN STEEL TUBES
AND ALUMINUM EXTR.

14 TORQUE BOLTS TO: 70-85 Nm (52-62 FT-LBS)

13 USE LOCTITE 062917-02-000 ON ALL THREADS WHEN INSTALLING BOLTS.

12 USE GIMP 113452-01-000 AS REQUIRED. (800mm)

11 MAINTAIN 25mm GAP FROM HOSE TO CHANNEL.

10 ADD SHIM 136538-01-CHT (A/R) BETWEEN HITCH AND FRAME
TO A MAXIMUM OF 10mm TO ALIGN HITCH WITH BUMPER:
RE-TORQUE BOLTS TO SPECIFICATIONS.

9 WELD CROSSMEMBER TO FRAME RAIL AND REMOVE BOLTS FROM
BOTH SIDES OF CROSSMEMBERS BEFORE INSTALLATION OF CLIP ASM.

8. USE SHIMS AS REQUIRED.

7. SHIELD TO BE CENTERED OVER EXHAUST
TAILPIPE WITH NOTCH ON OUTBOARD END.

6. INSTALL DOWNSTAIRS.

5. TORQUE NUT TO 140 ± 14 FT-LBS.

4. WELD PER ES0063, UNLESS OTHERWISE SPECIFIED.

3. SEAL ALL JOINTS OF COMPARTMENTS AND CLOSEOUT PANELS
WITH SEALANT 053766-01-000.

2. CLEAN AND E-COAT ALL PIECE PARTS PRIOR TO ASSEMBLY.

1. CLEAN AND PAINT WITH UNDERCOATING 100053-02-000.

-15	5,6
-14	3,4
-13	8
-12	7
-11	1,2
TAB NO	SHEET

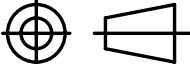
16K FORD CHASSIS 22,000 LB

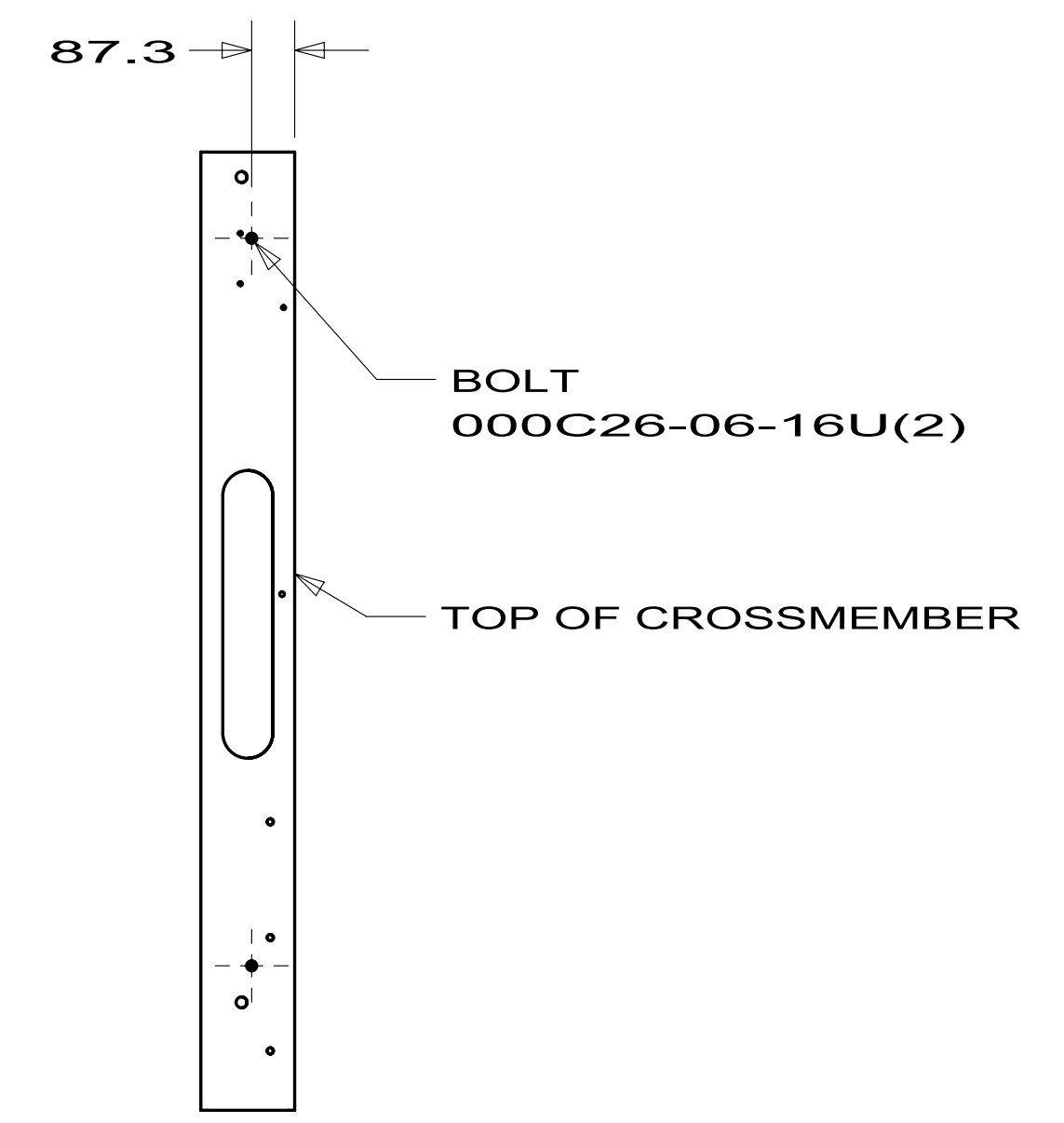
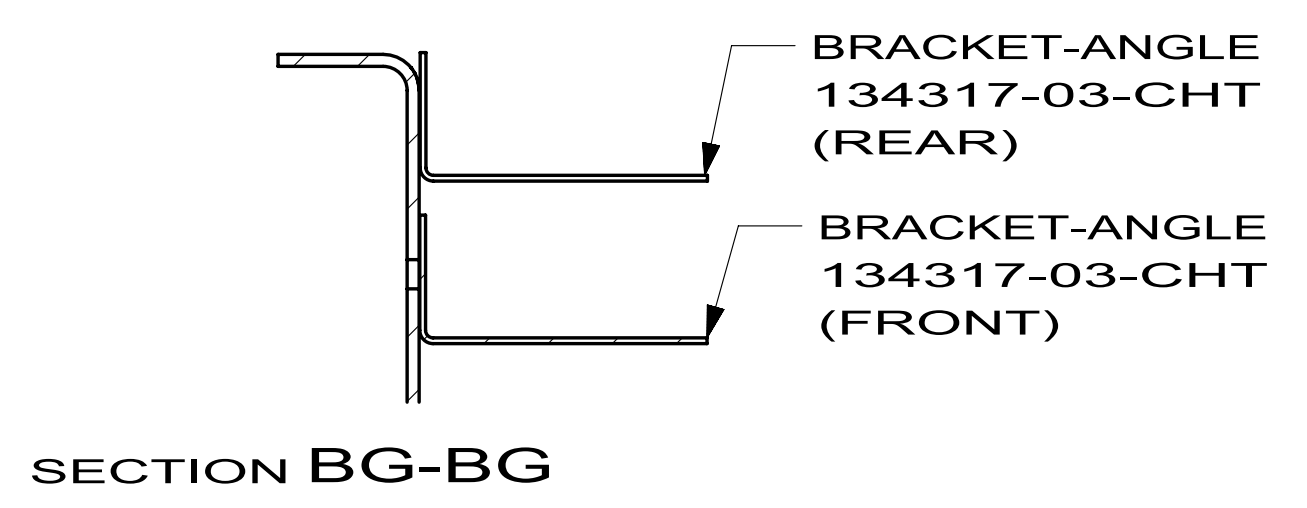
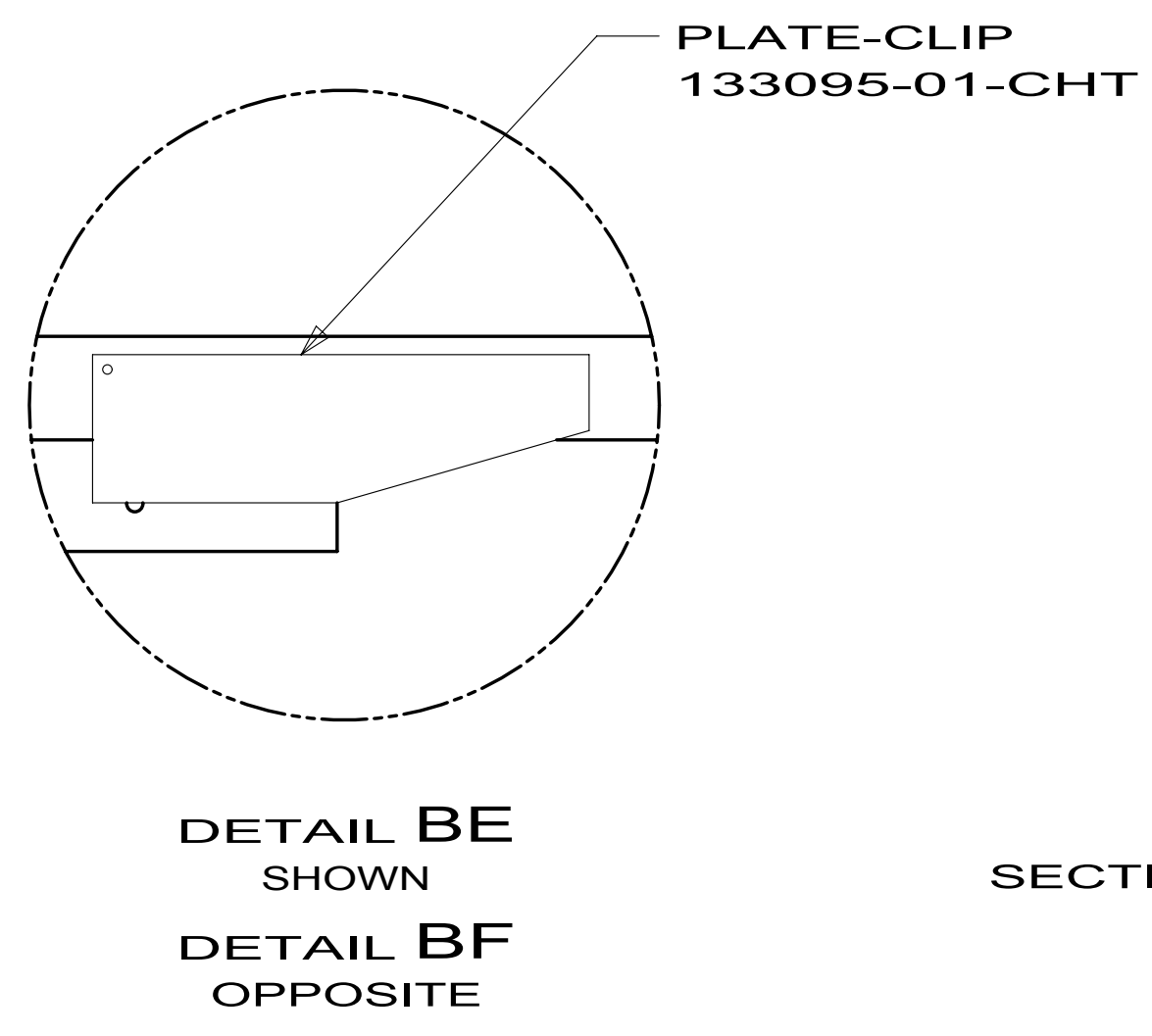
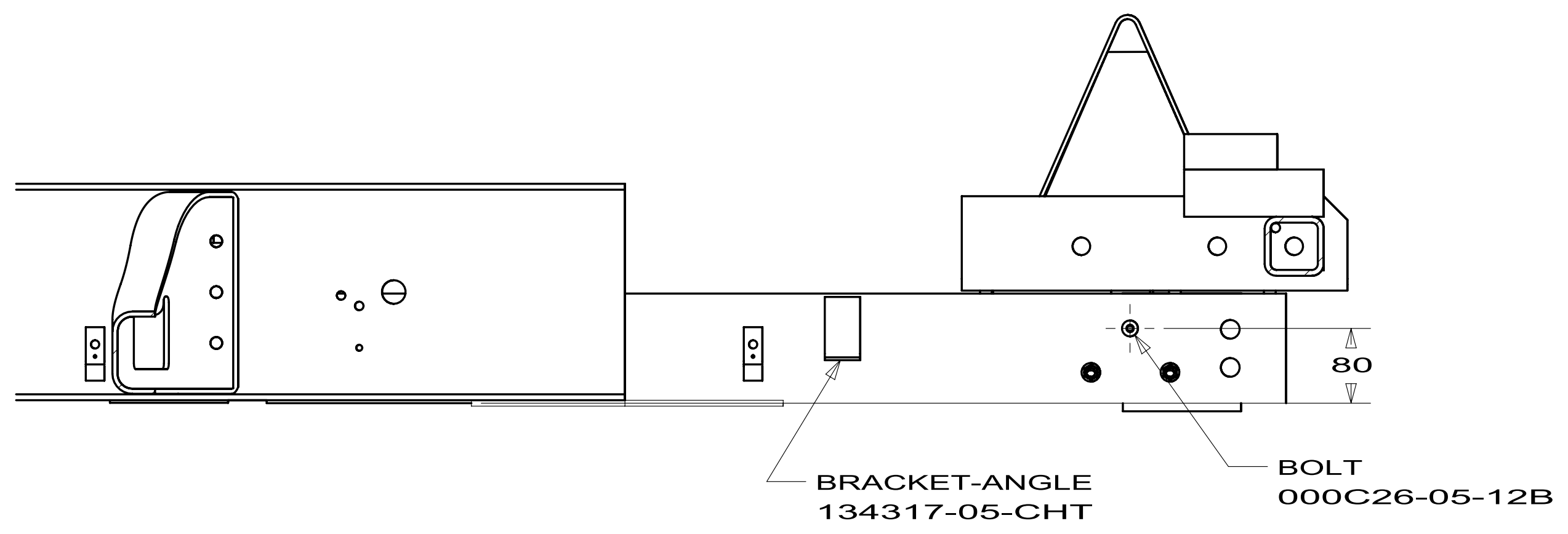
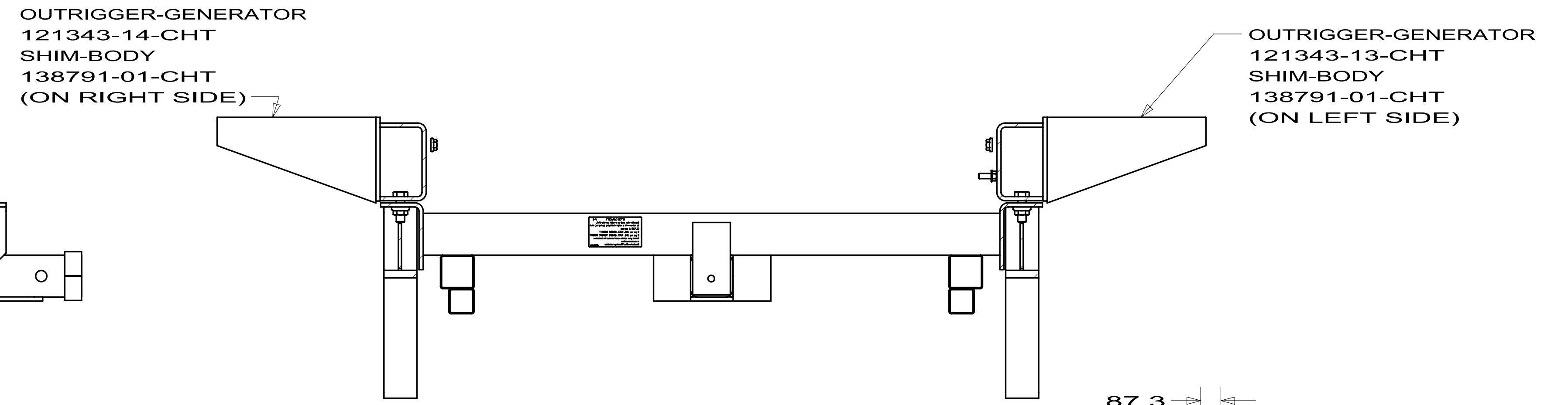
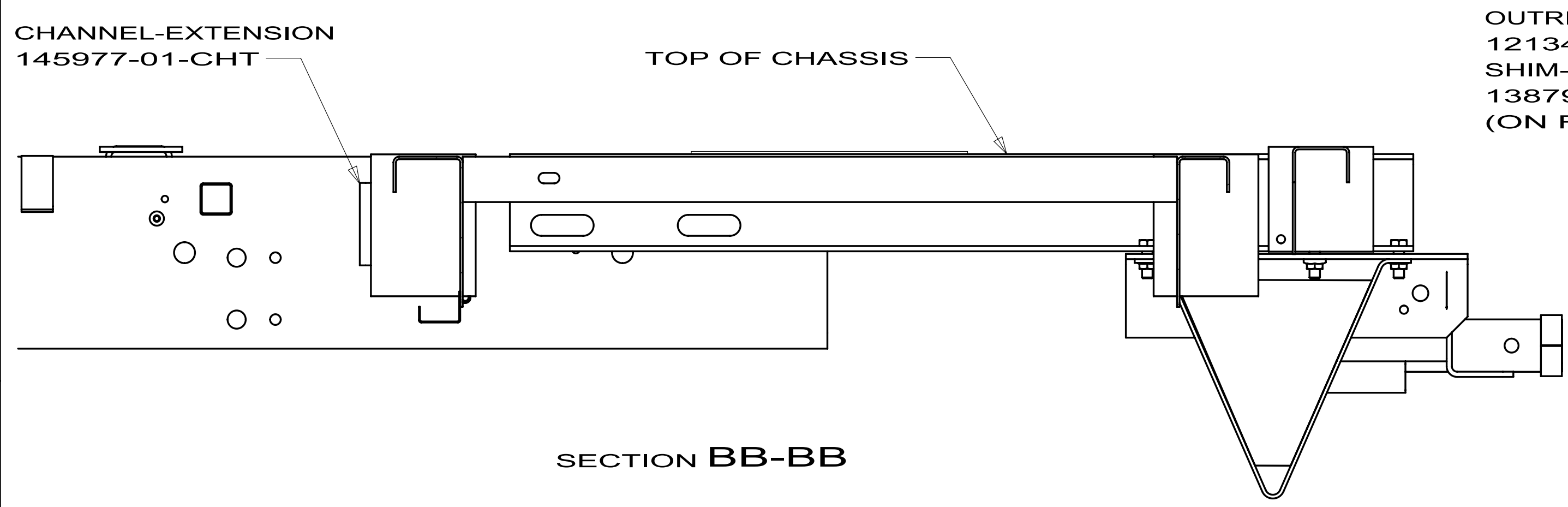
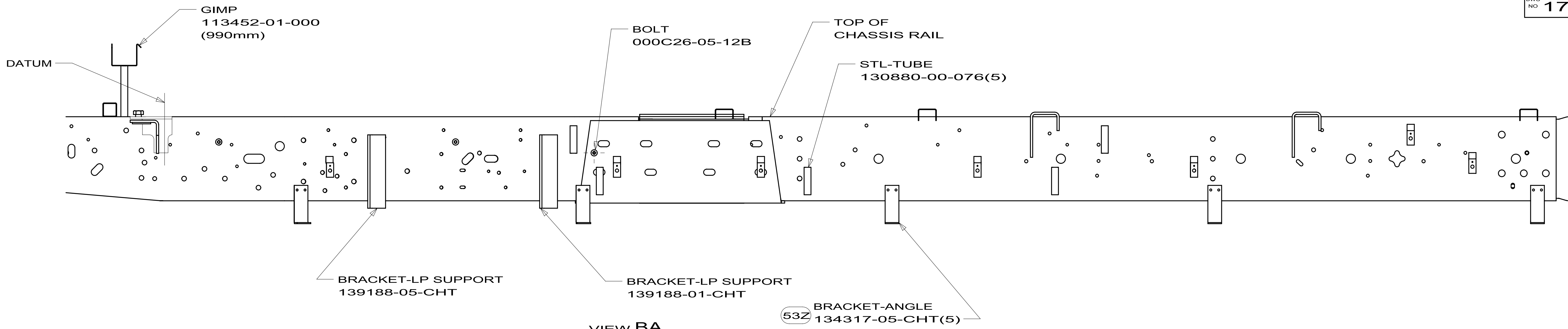
53Z WITH MOTORAID

SEE CHART

FOR COLOR VARIATIONS
OF THIS PART

RELEASE	REV DATE	DWG NO	172134
REV ZONE	REVISION RECORD	DATE	DFTR ORIG

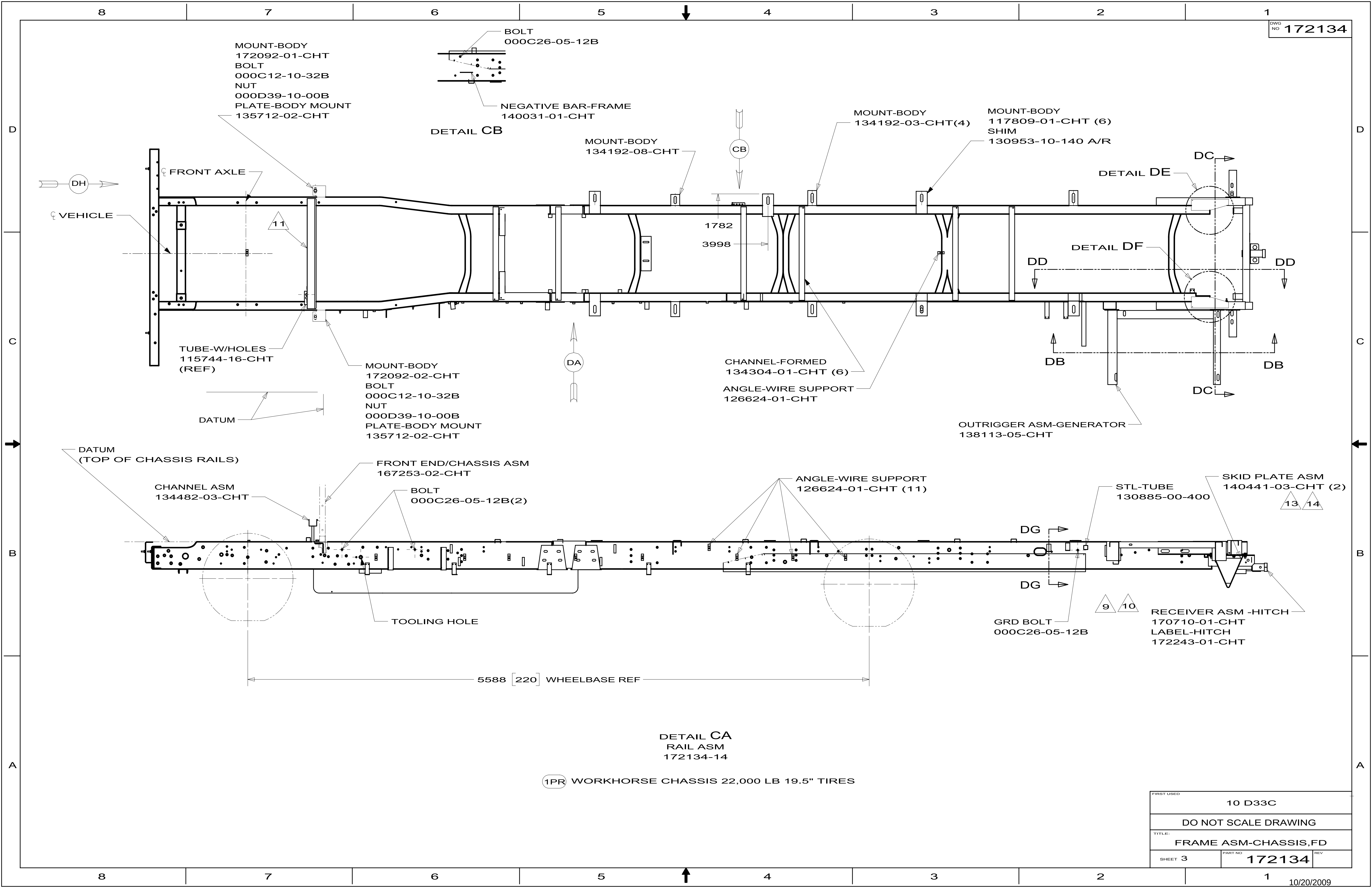
WINNEBAGO® INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTR		ORIG. DATE	
CHGR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.		FIRST USED	
M.E.			
DSNR		10 D33C	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) ± 3		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
ONE-PLACE (X.X) ± 1.5			
TWO-PLACE (X.XX) ± 0.50			
ANGLE ±			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TITLE: FRAME ASM-CHASSIS,FD			
SHEET 1 OF 13	PART NO	172134	REV



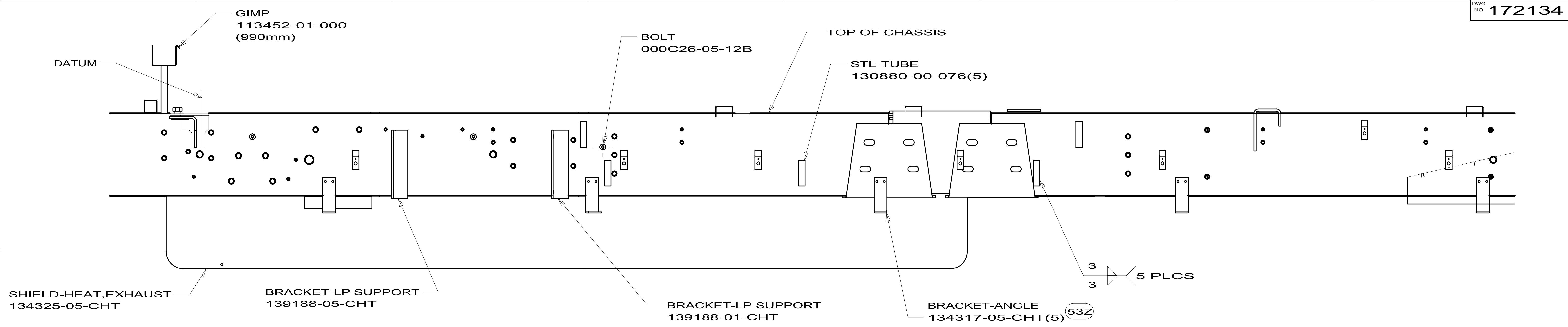
53Z WITH MOTORAID

16K FORD CHASSIS 22,000 LB

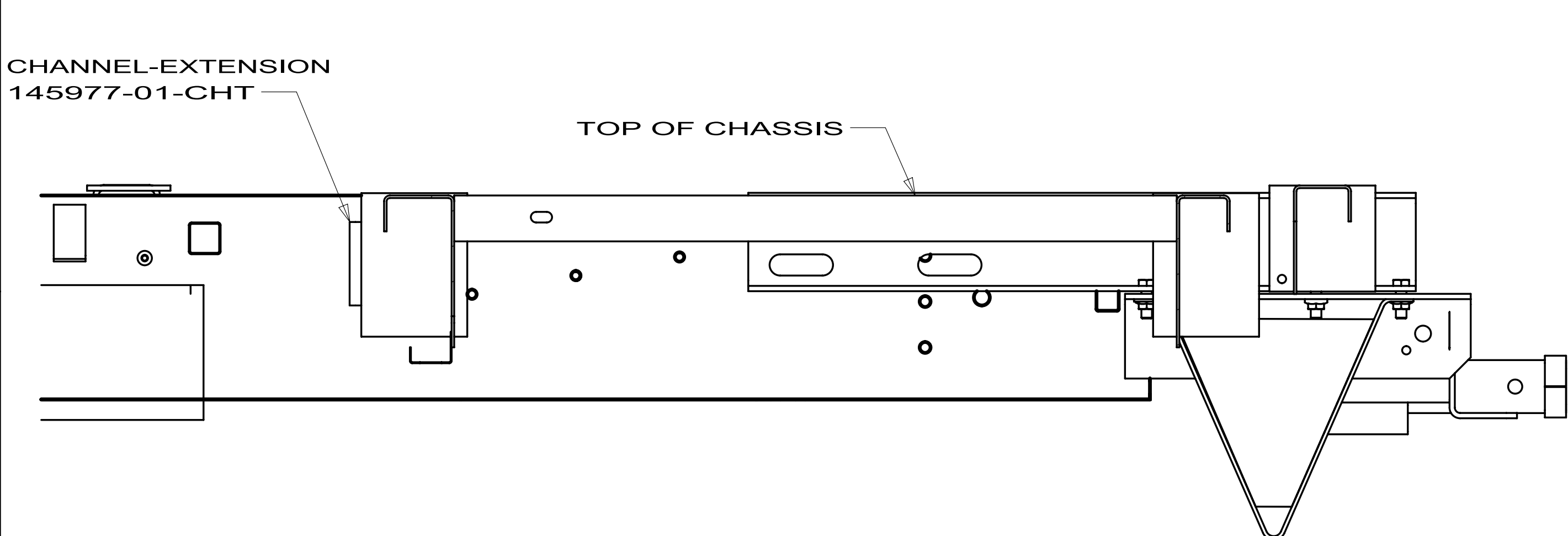
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10 D33C		
DO NOT SCALE DRAWING		
TITLE:		
FRAME ASM-CHASSIS,FD		
SHEET 2	PART NO	REV
	172134	



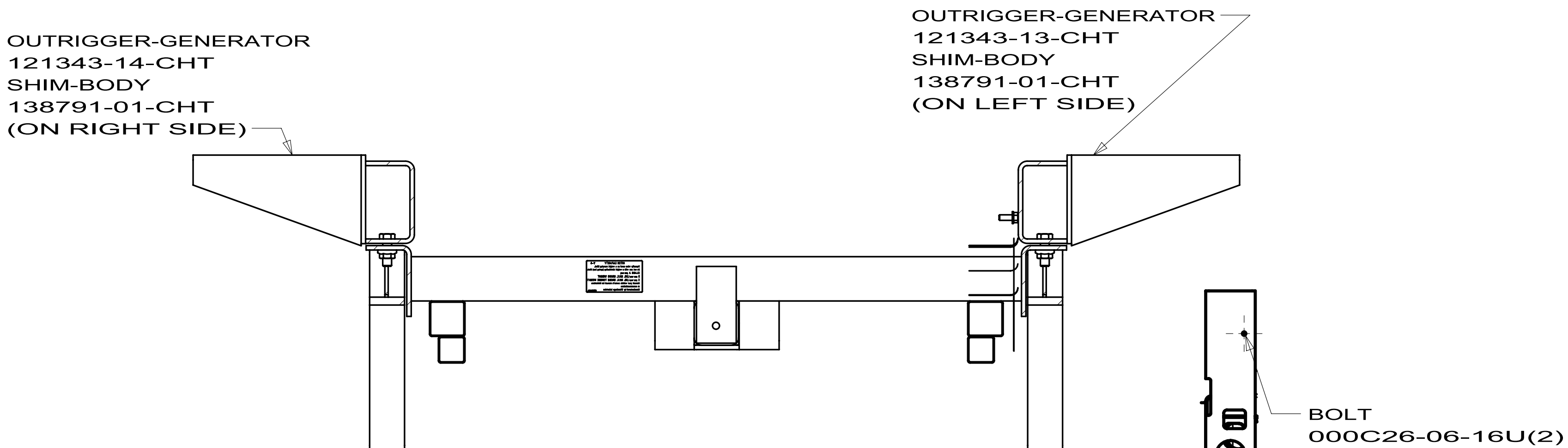
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FRAME ASM-CHASSIS,FD		
SHEET 3	PART NO	REV
	172134	



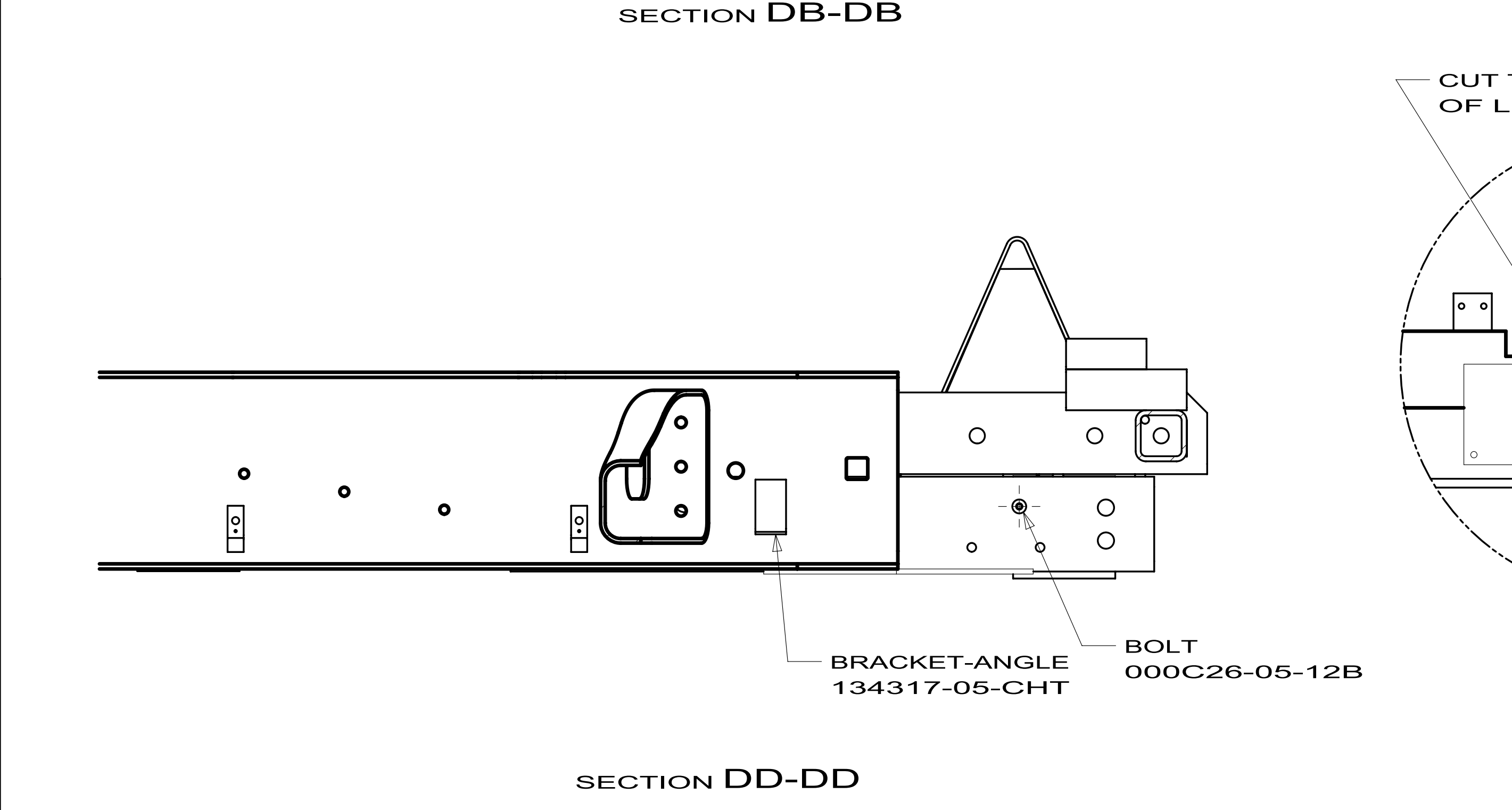
VIEW DA



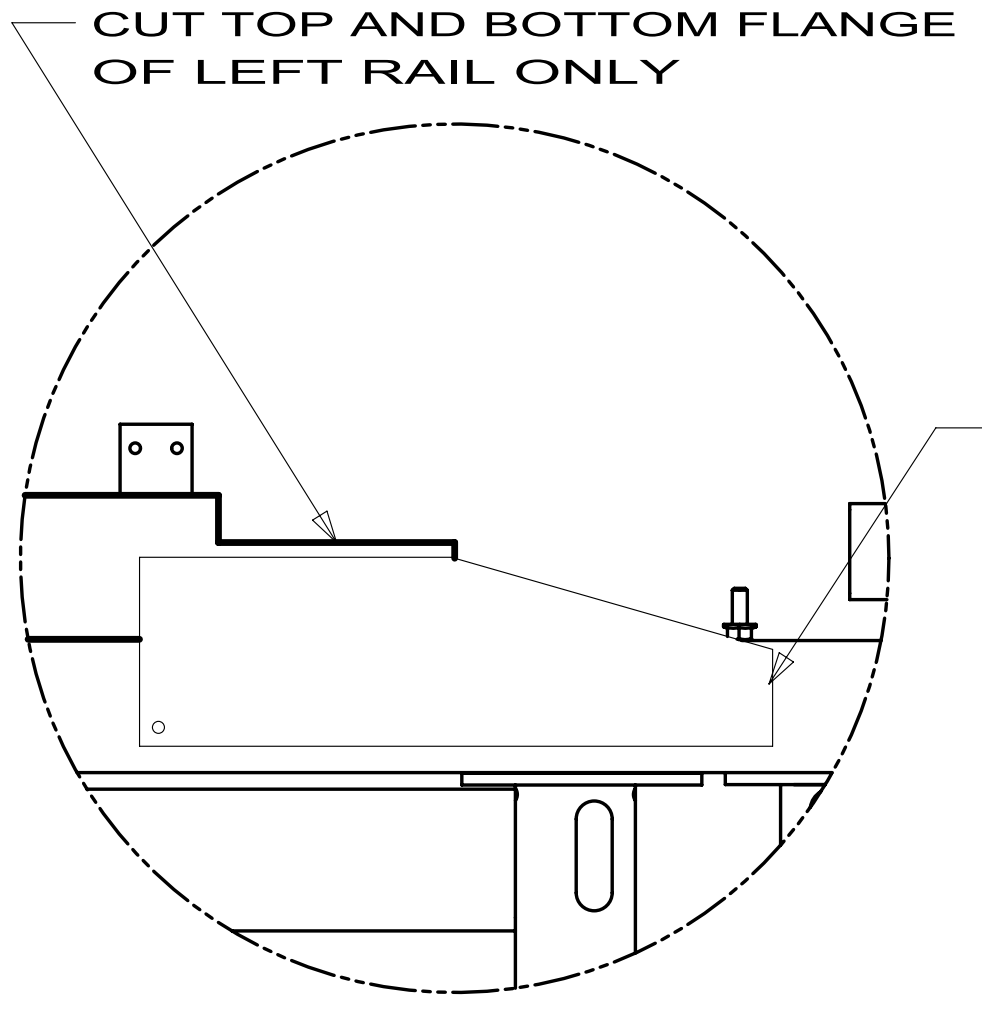
SECTION DB-DB



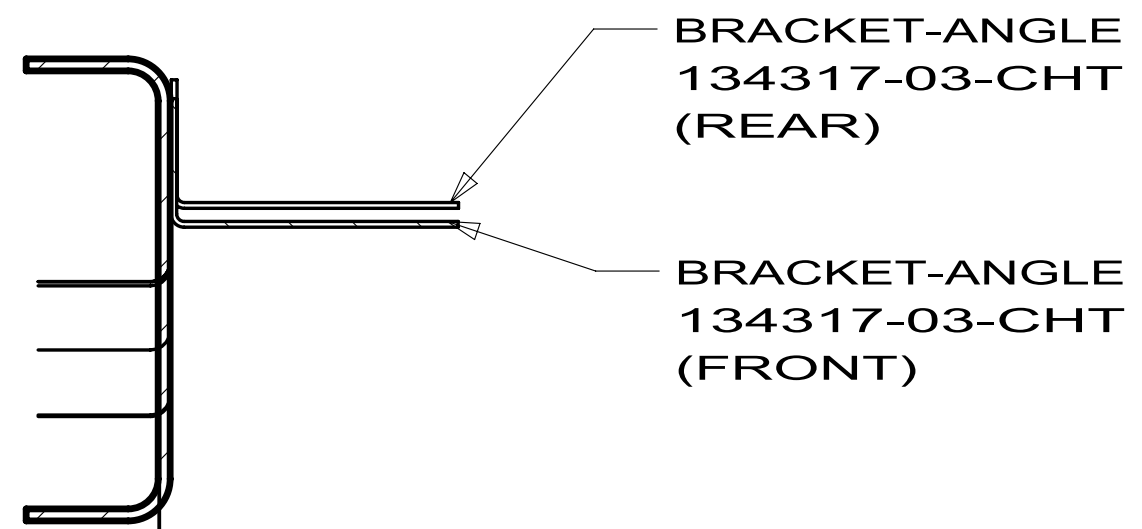
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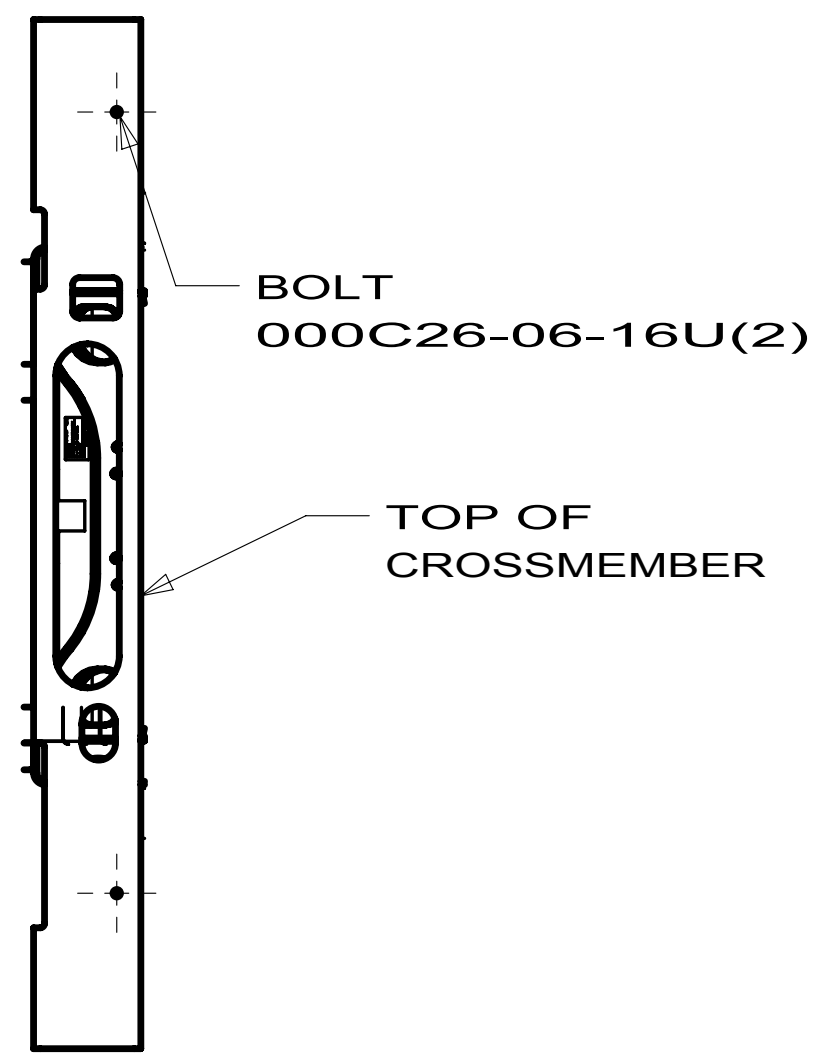
SECTION DD-DD



DETAIL DF SHOWN
DETAIL DE OPPOSITE



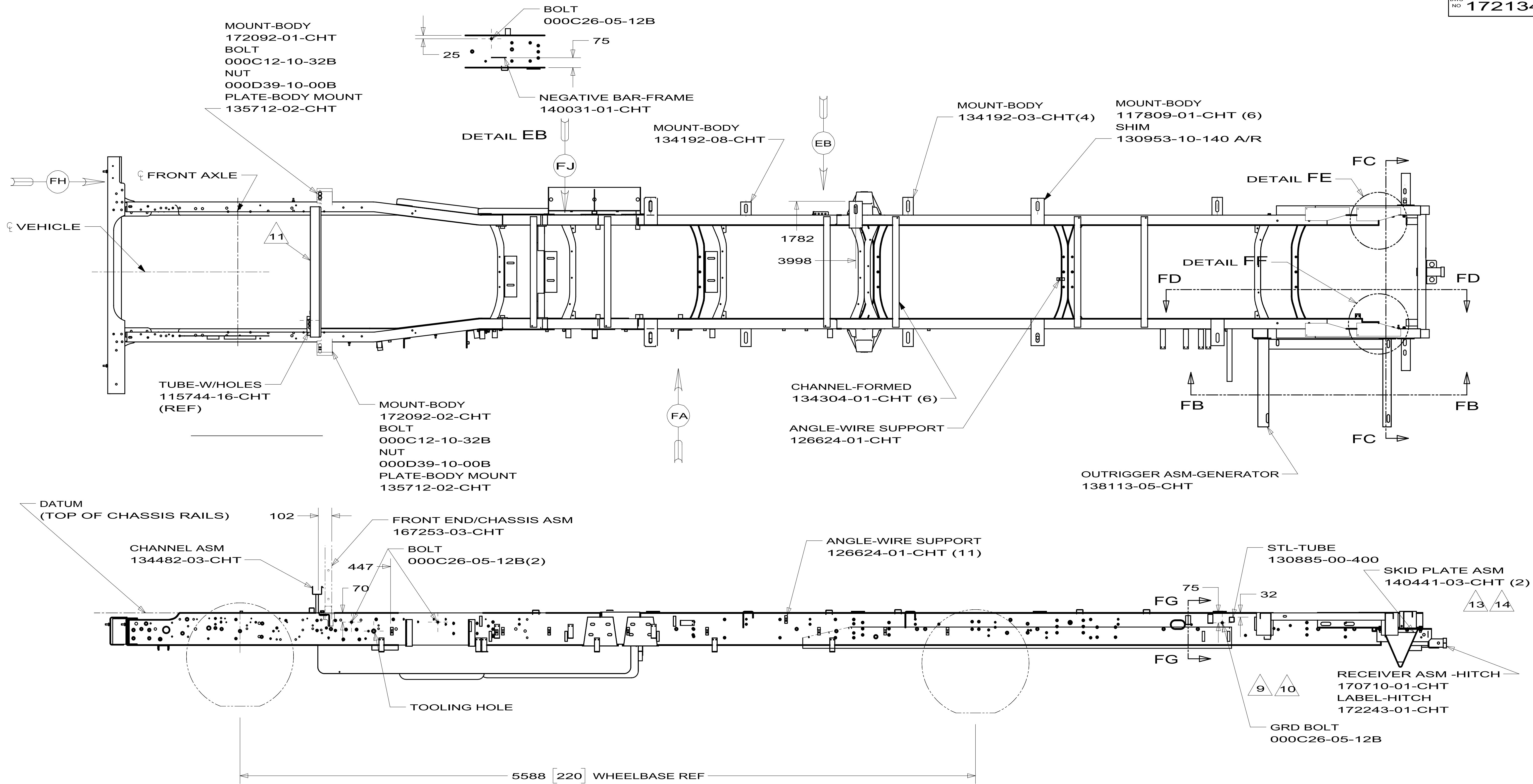
SECTION DG-DG



VIEW DH

(53Z) WITH MOTORAIID
(1PR) WORKHORSE CHASSIS 22,000 LB 19.5" TIRES

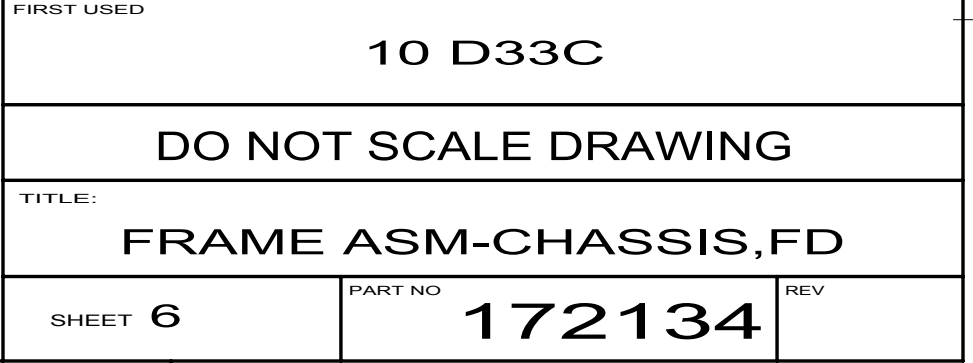
FIRST USED			10 D33C
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS,FD
SHEET 4	PART NO	172134	REV

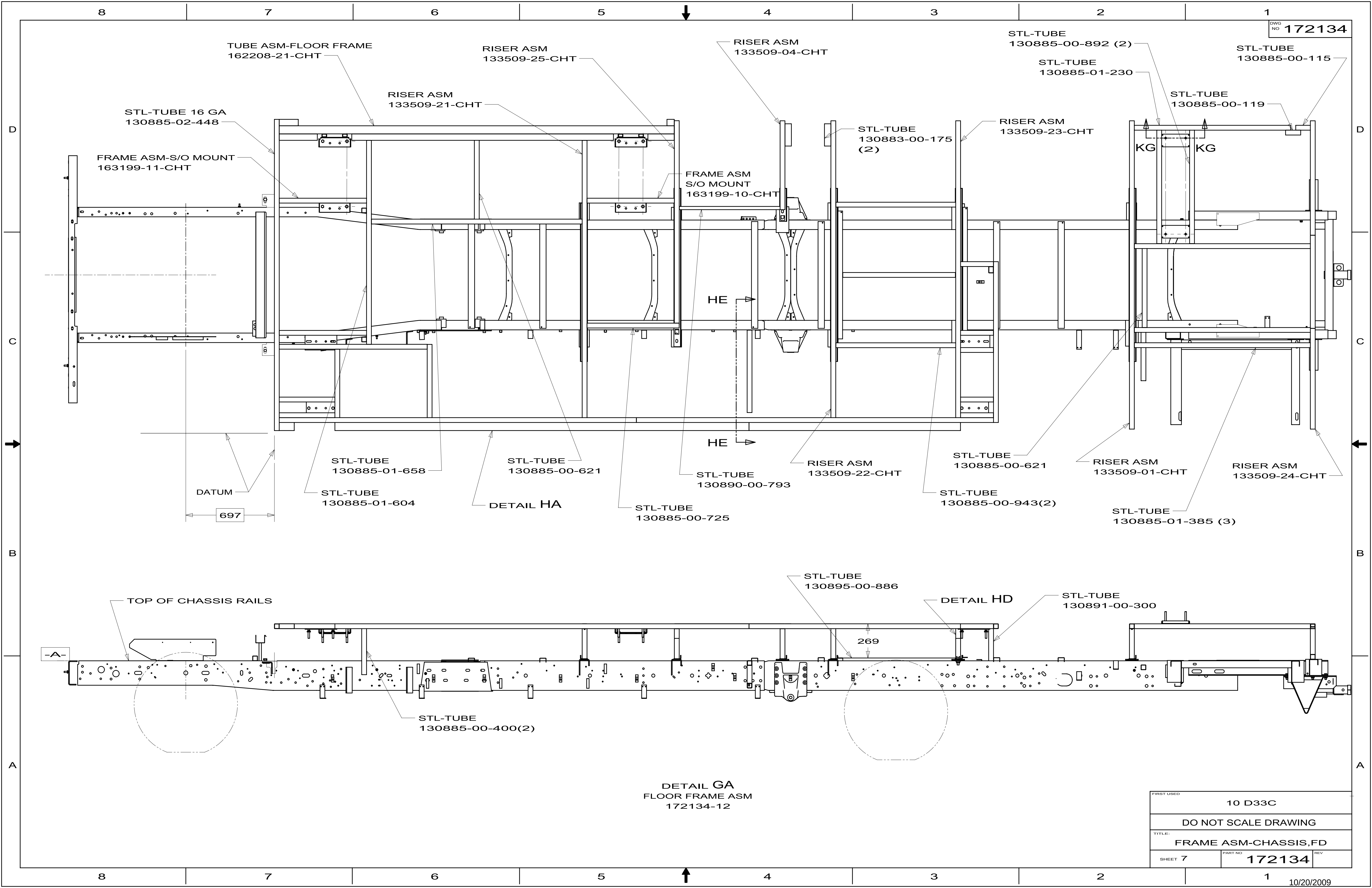


DETAIL EA
RAIL ASM
172134-15

1PE WORKHORSE CHASSIS 20,500 LB DSL 19.5" TIRES

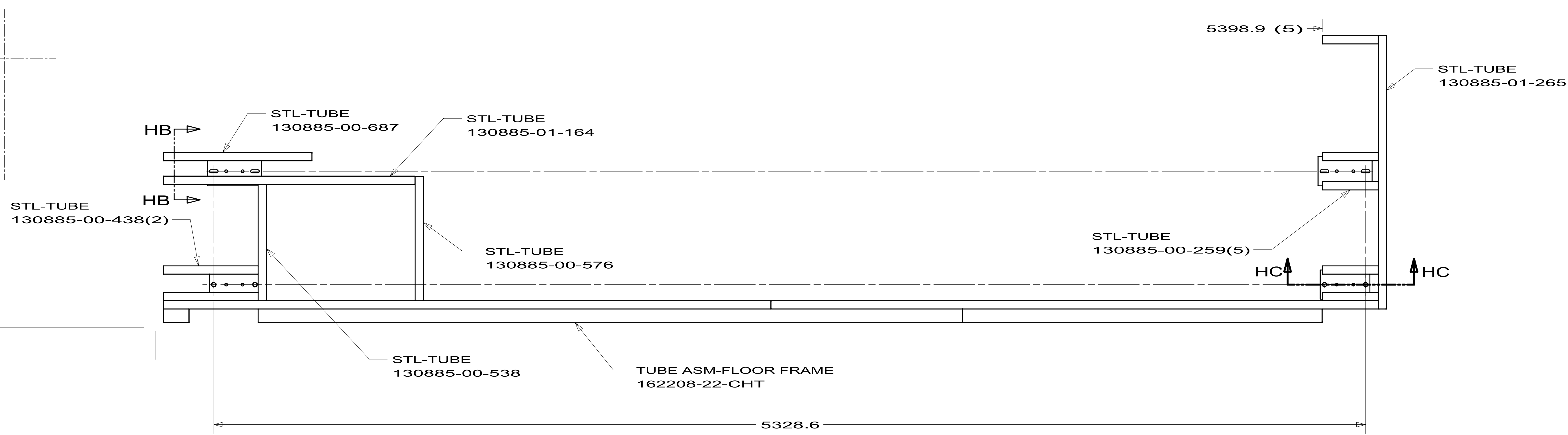
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DO NOT SCALE DRAWING		
TITLE:		
FRAME ASM-CHASSIS,FD		
SHEET 5	PART NO	REV
	172134	



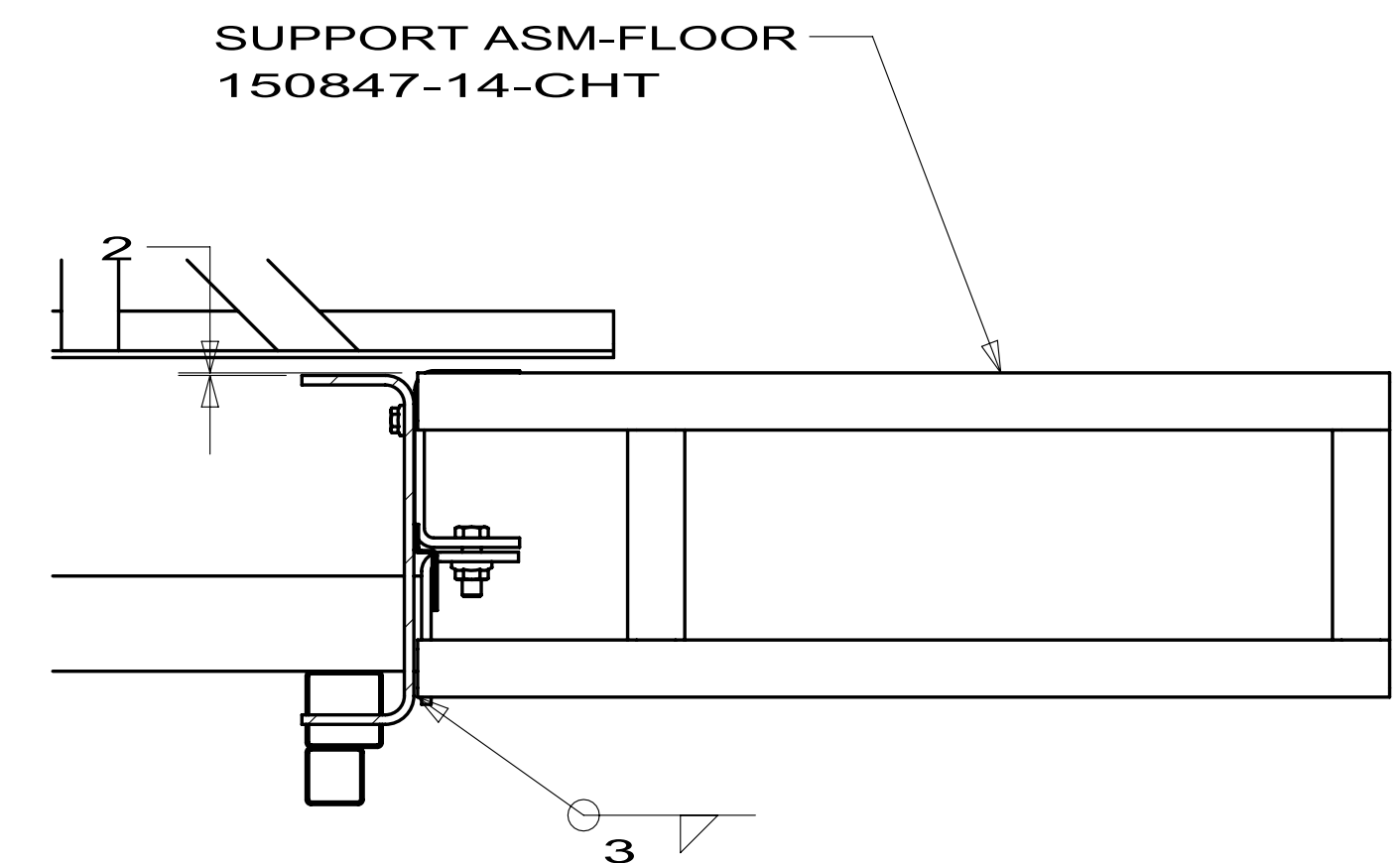
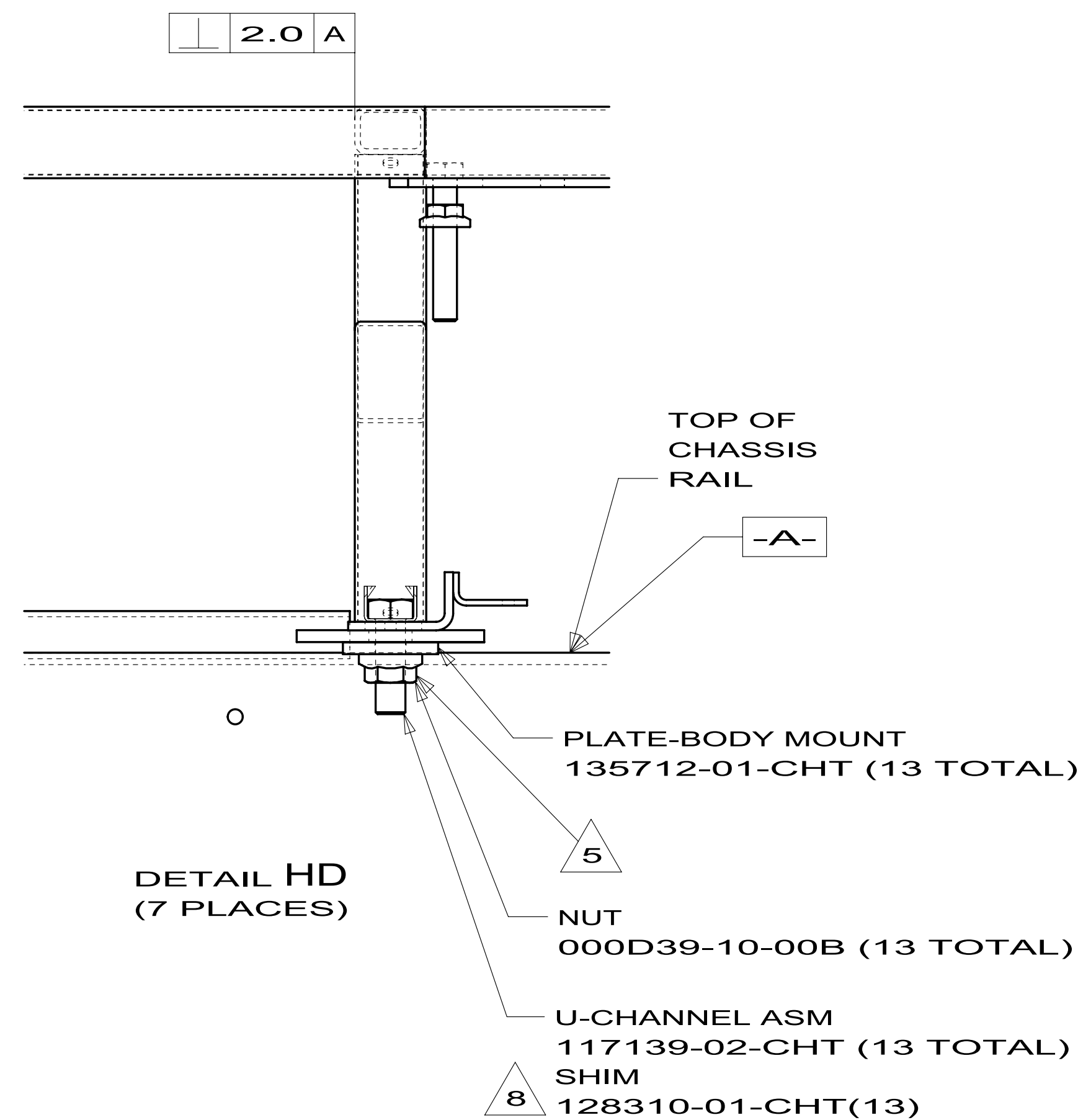


DWG NO 172134

FIRST USED			10 D33C
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS,FD
SHEET 7	PART NO	172134	REV

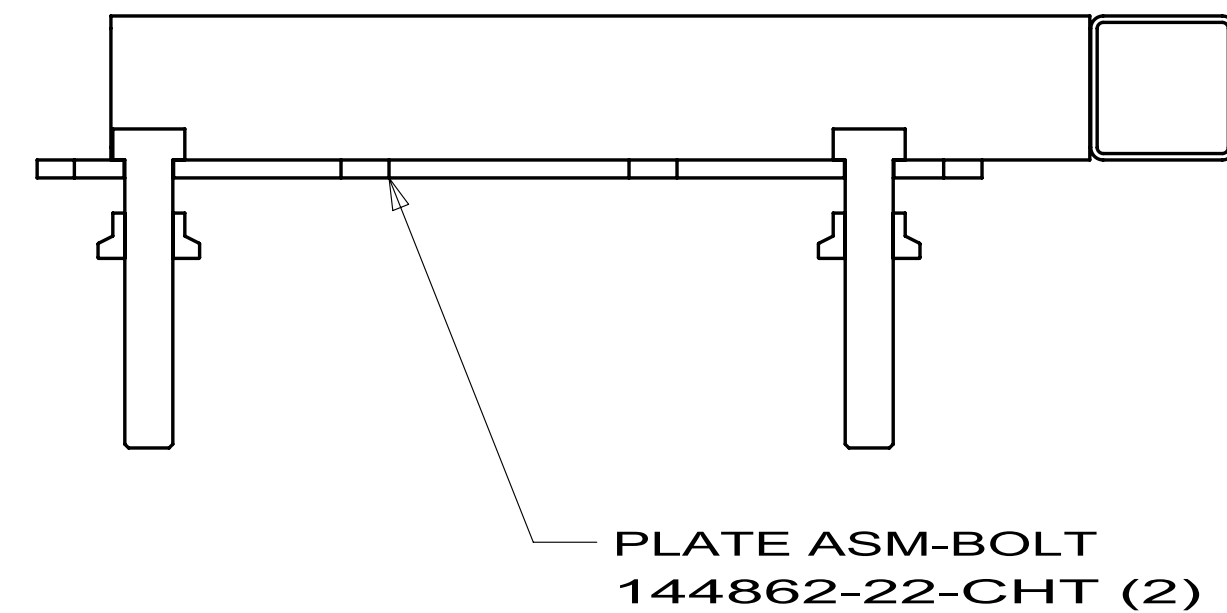


DETAIL HA
FLOOR FRAME ASM
172134-13



SECTION HE-HE

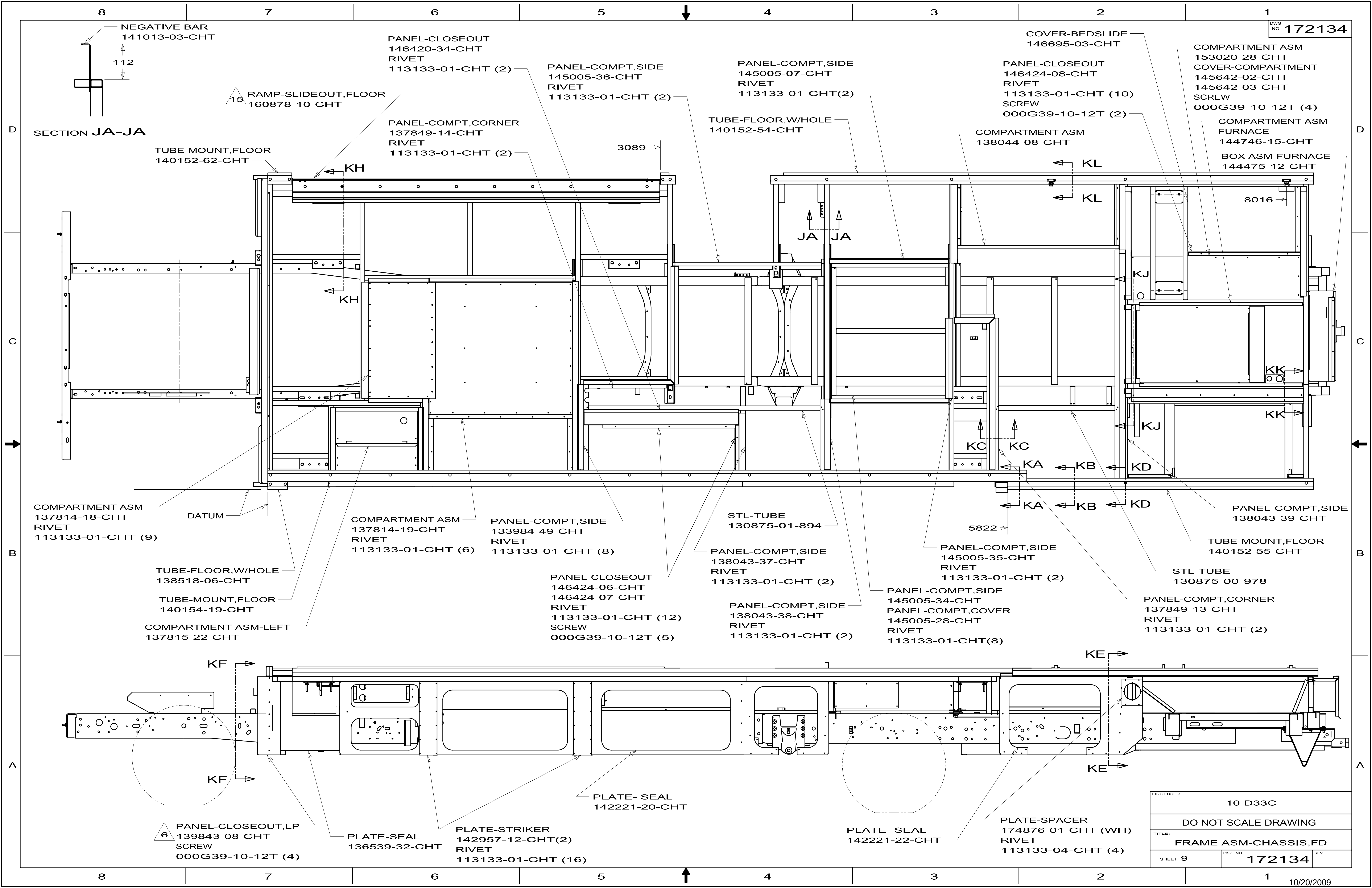
PLATE-W/HOLES 124430-51-CHT(2)

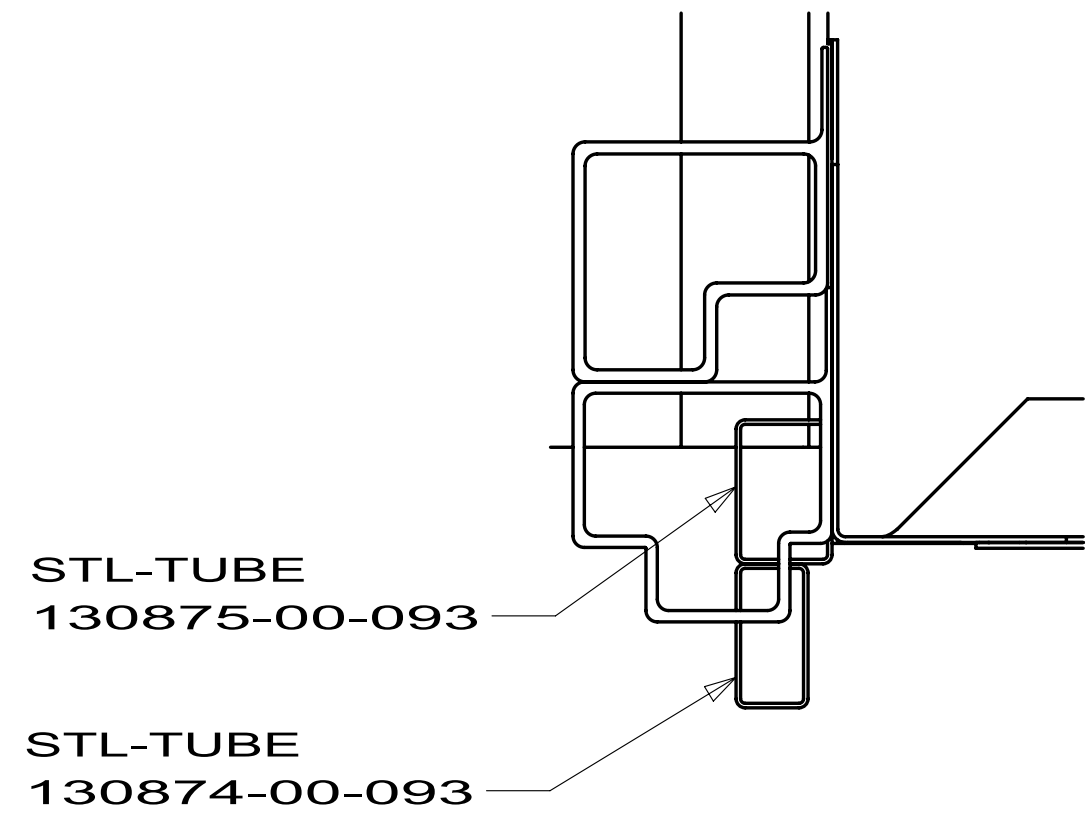


SECTION HC-HC

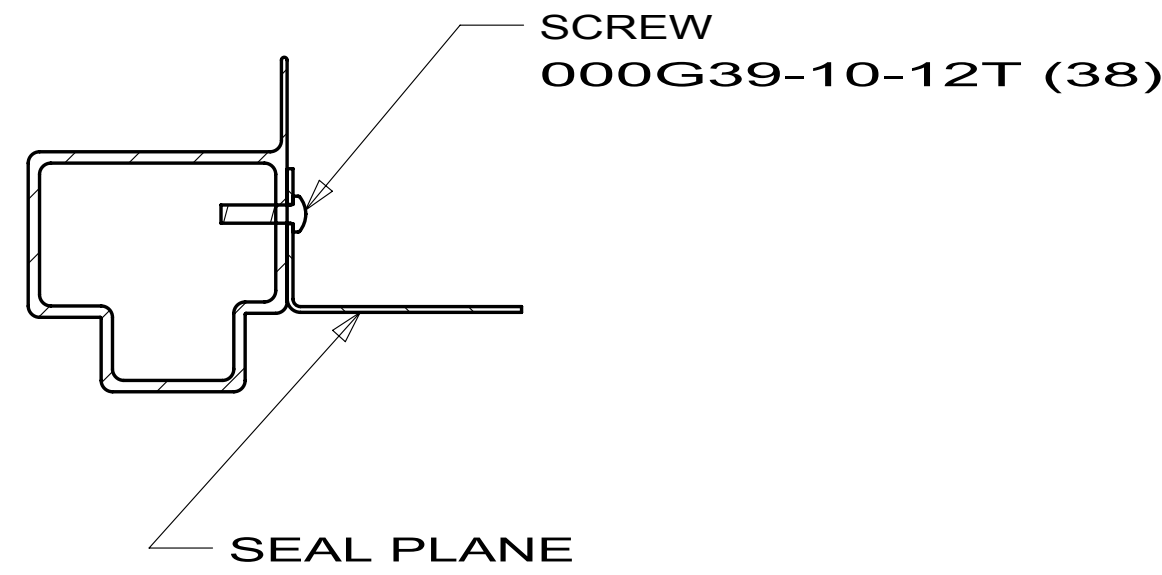
SECTION HB-HB

FIRST USED		
10 D33C		
DO NOT SCALE DRAWING		
TITLE:		
FRAME ASM-CHASSIS,FD		
SHEET 8	PART NO 172134	REV

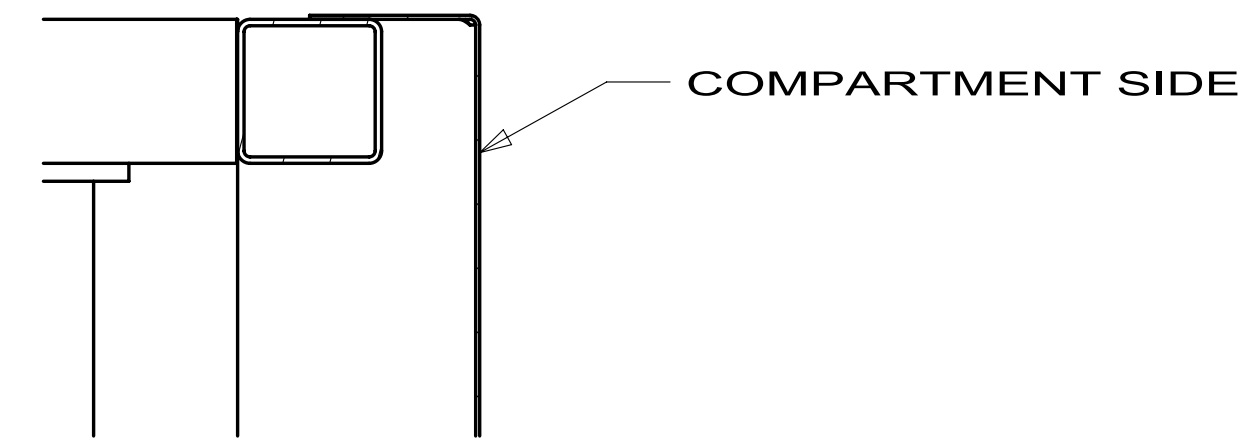




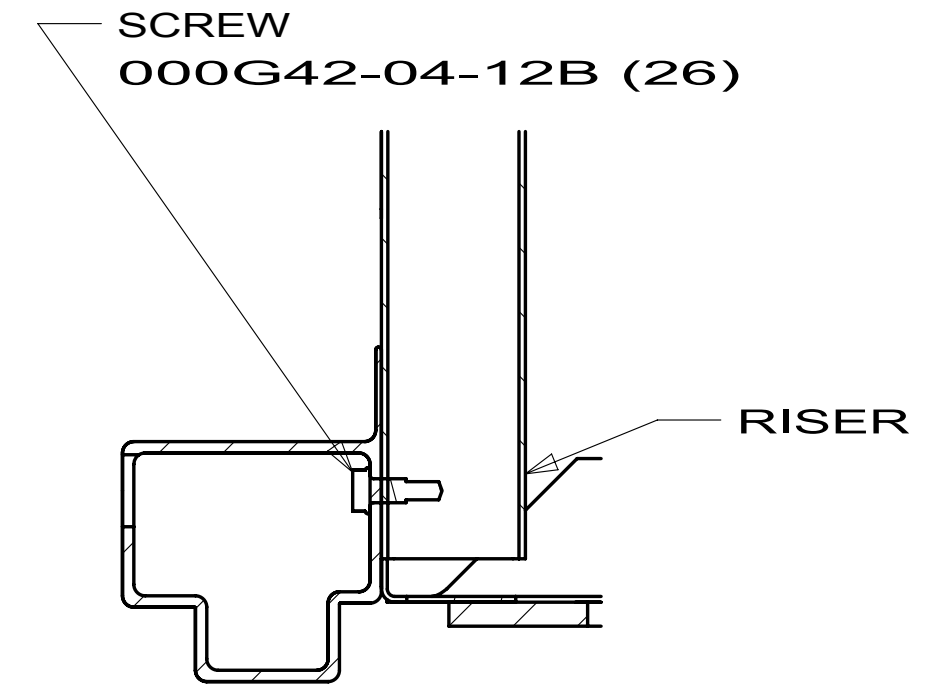
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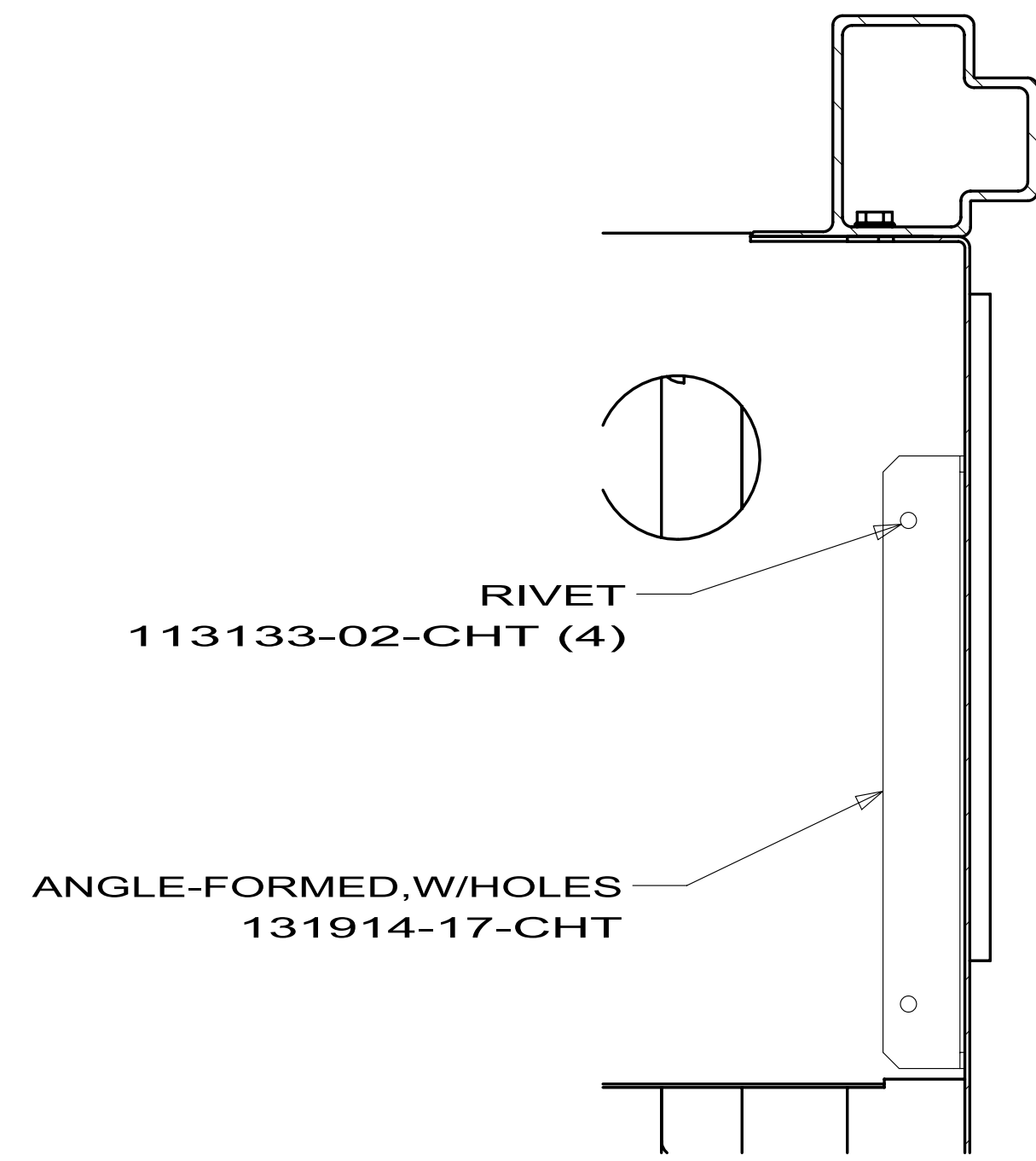
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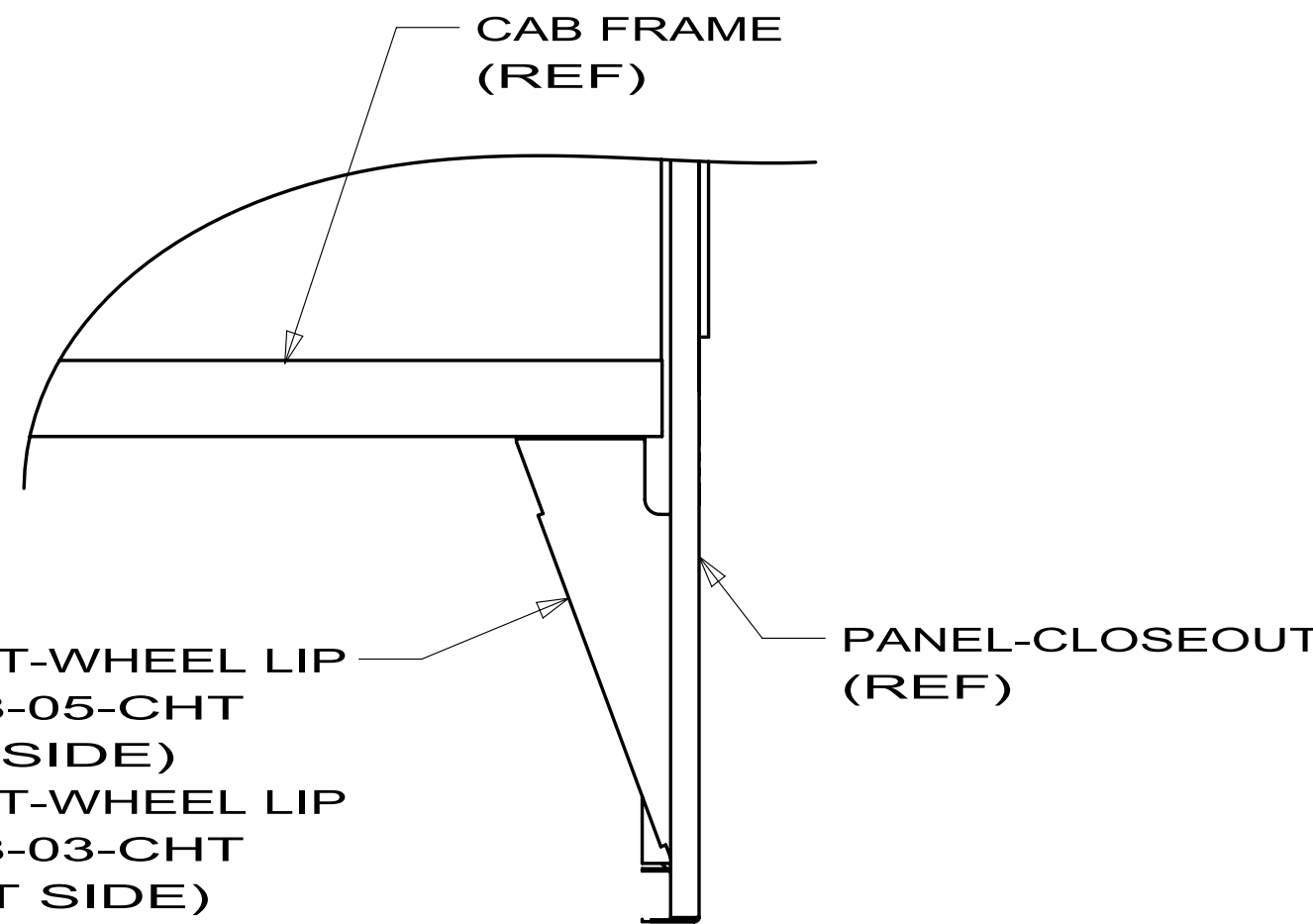
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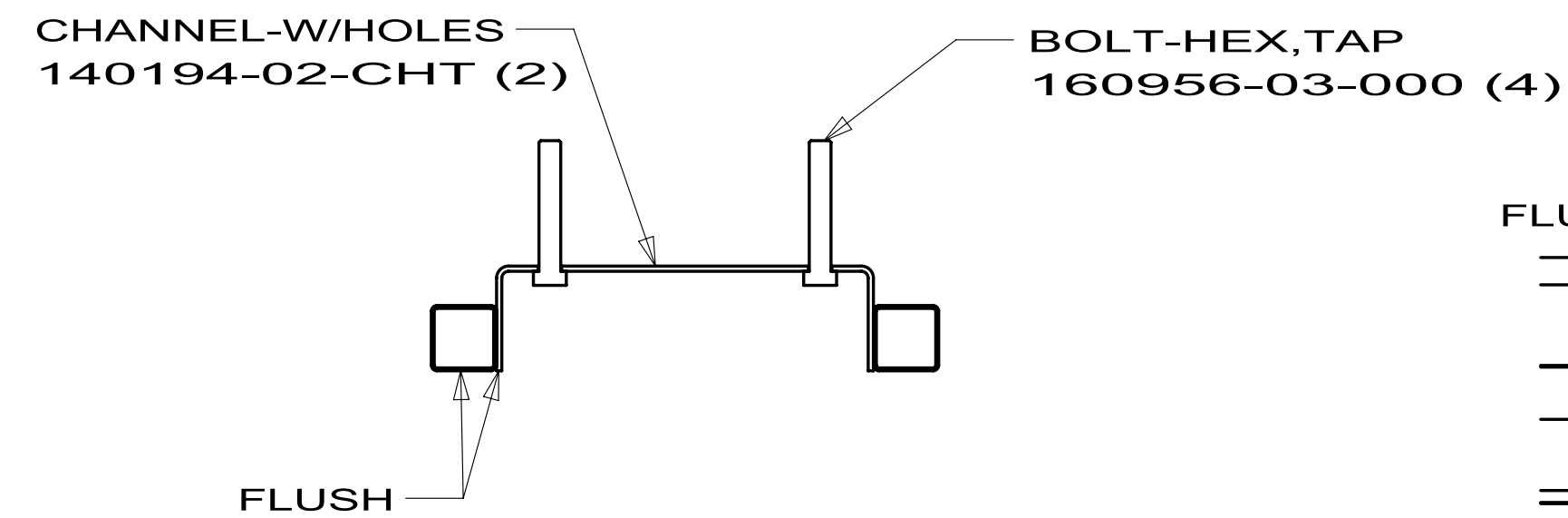
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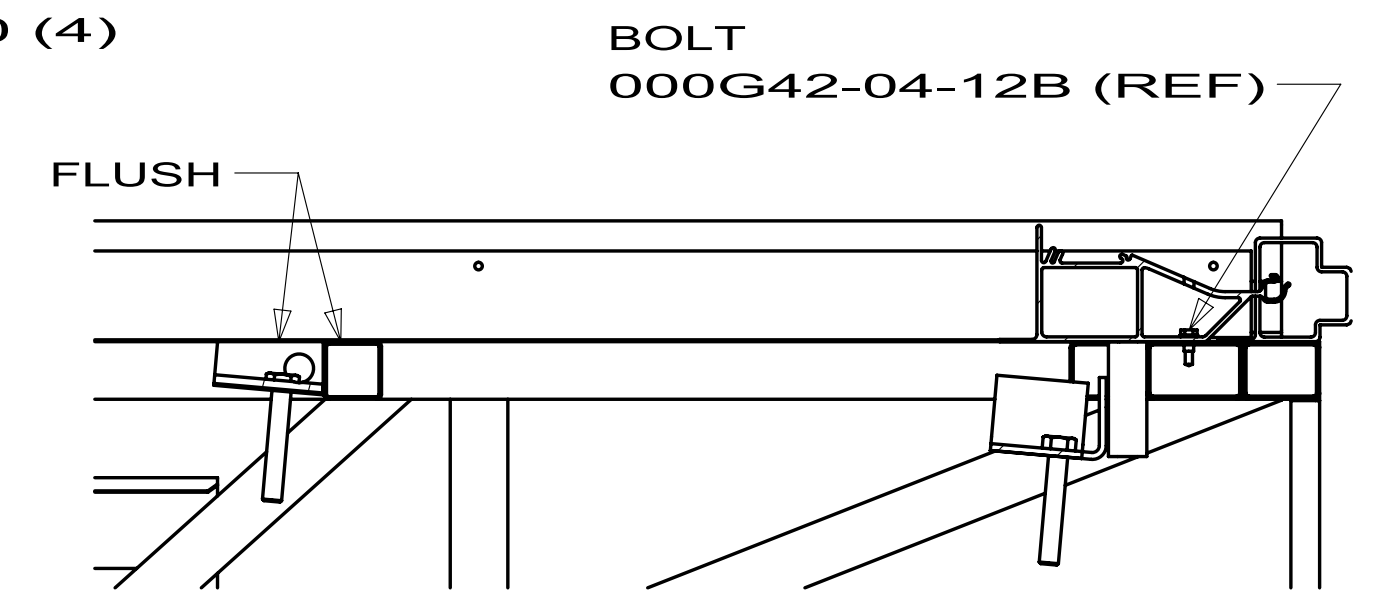
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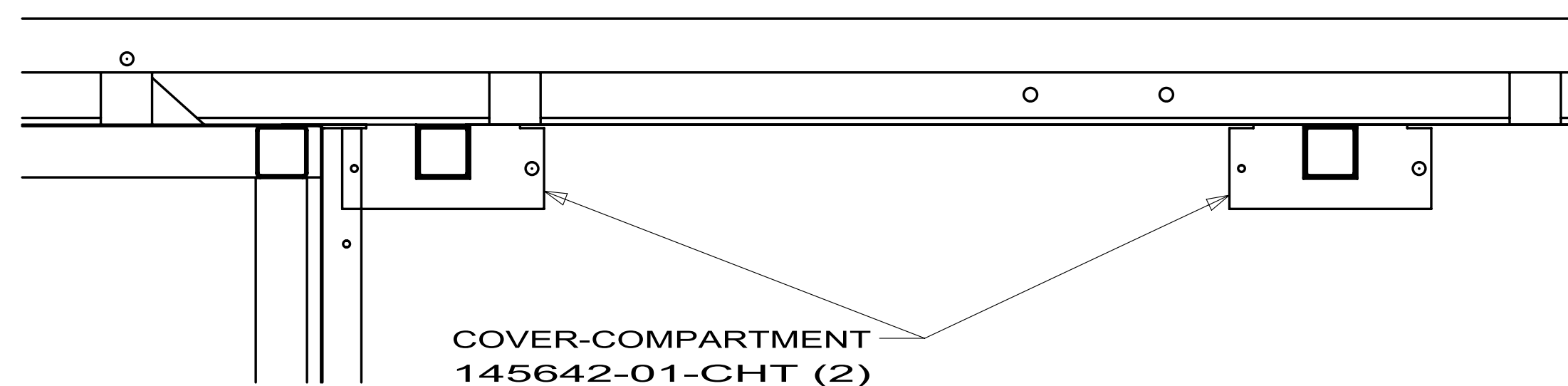
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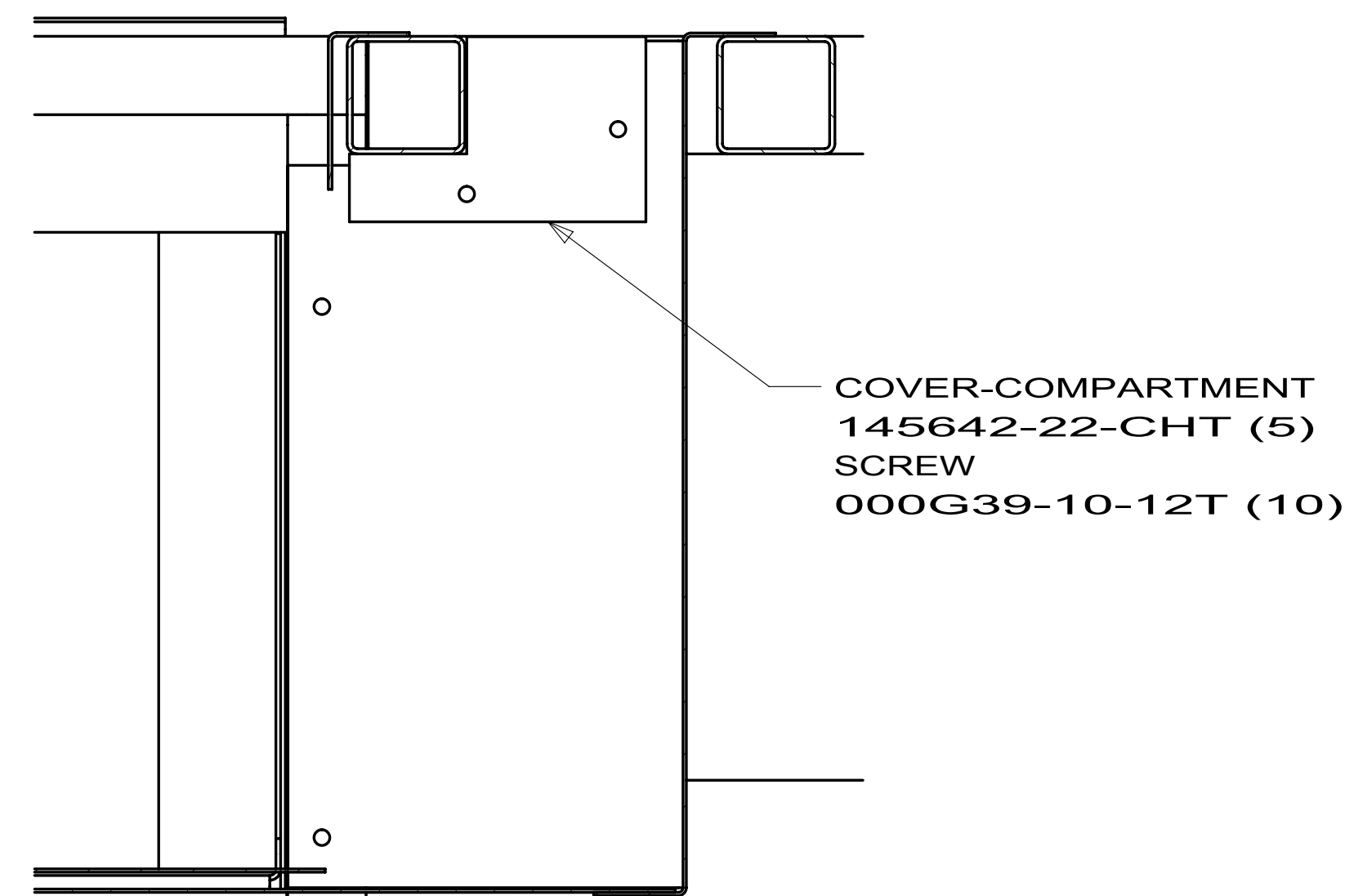
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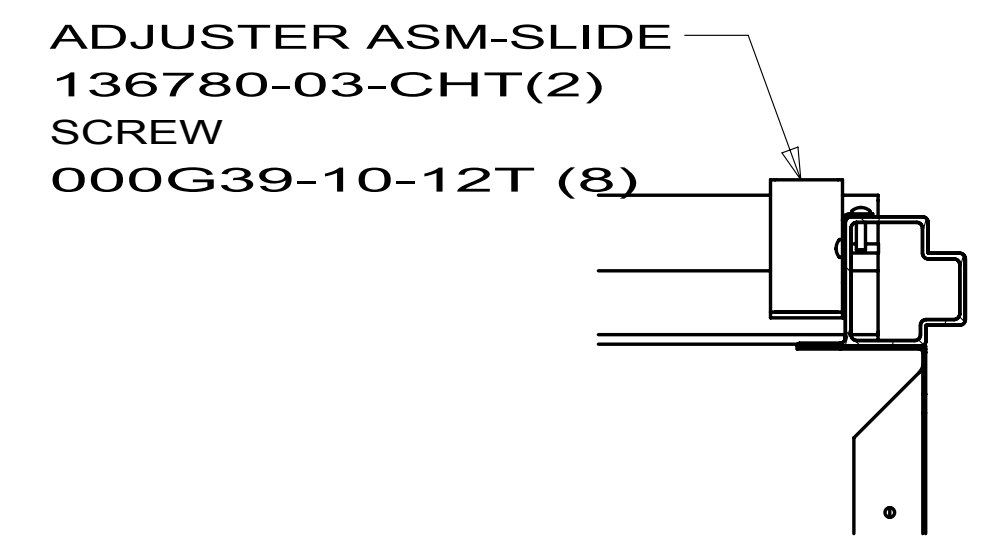
SECTION KH-KH



SECTION KJ-KJ
ROTATED 90°

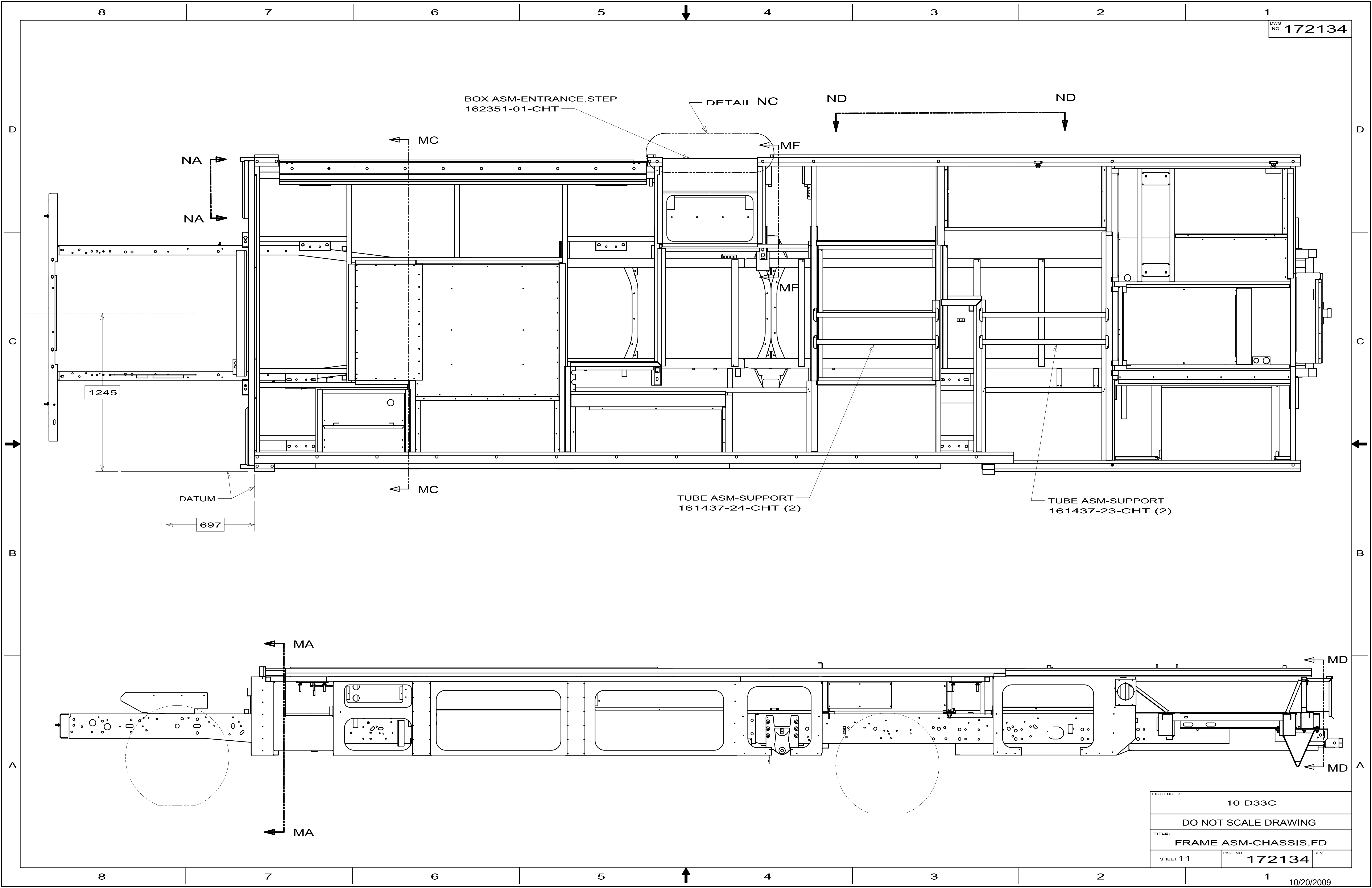


SECTION KK-KK

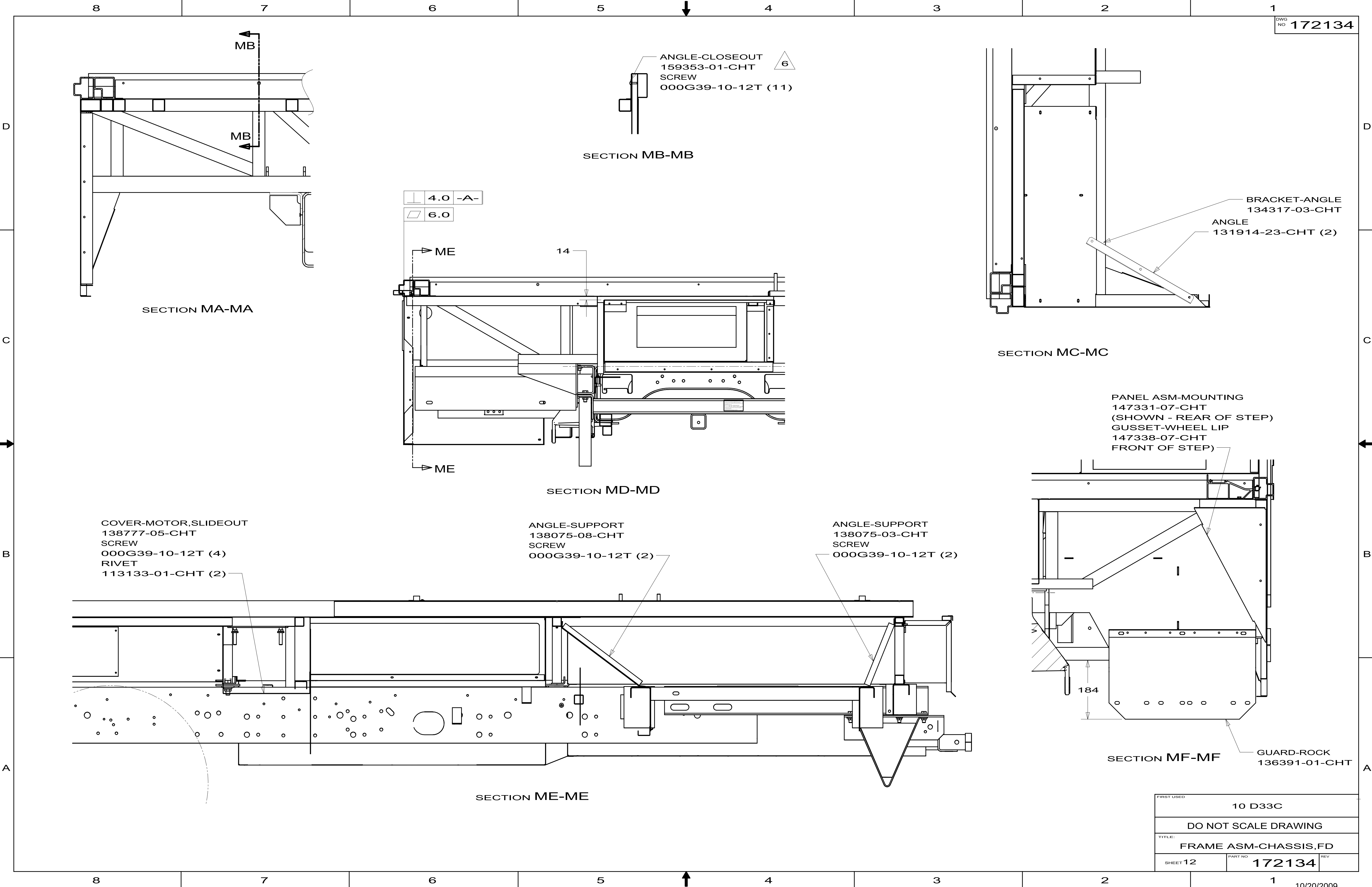


SECTION KL-KL

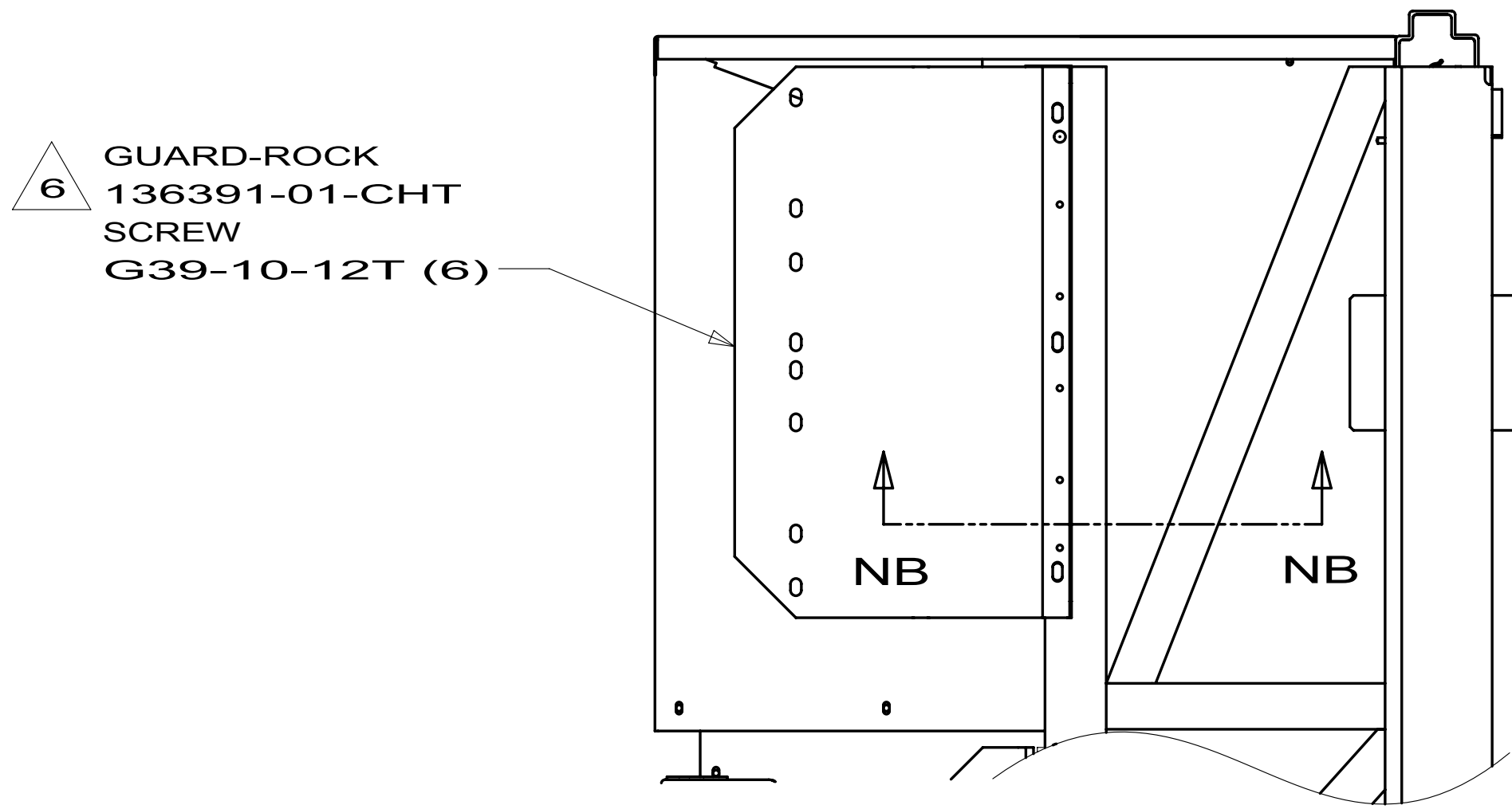
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10 D33C		
DO NOT SCALE DRAWING		
TITLE: FRAME ASM-CHASSIS,FD		
SHEET 10	PART NO 172134	REV



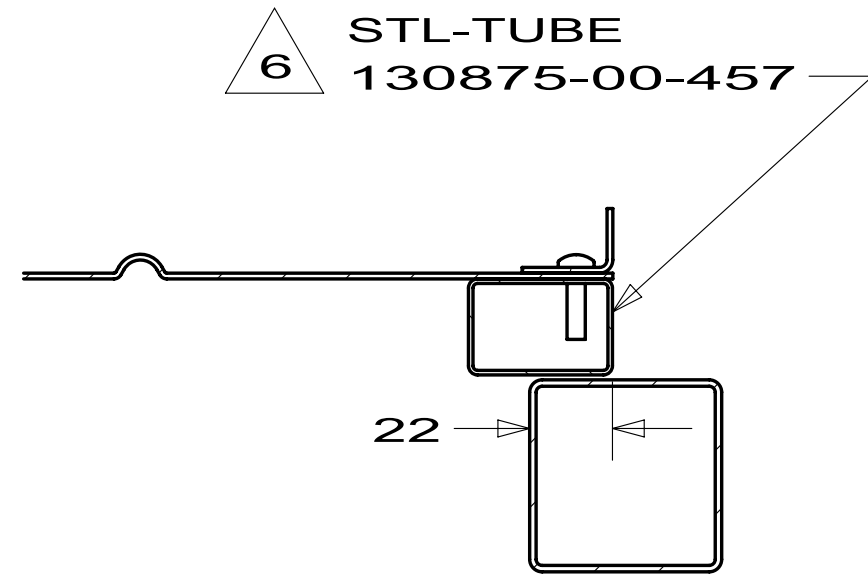
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DO NOT SCALE DRAWING			
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SHEET 11	PART NO	172134	REV



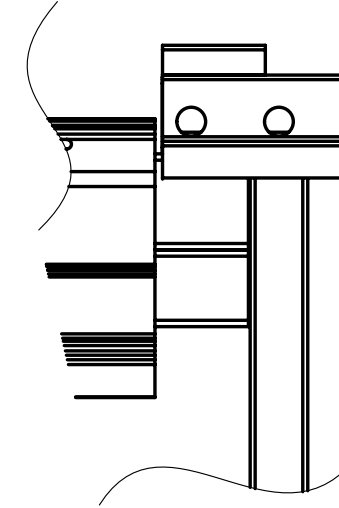
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TITLE: FRAME ASM-CHASSIS,FD			
SHEET 12	PART NO	172134	REV



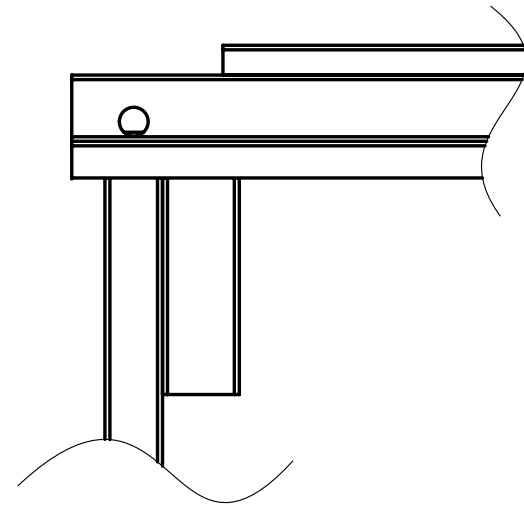
6 GUARD-ROCK
136391-01-CHT
SCREW
G39-10-12T (6)



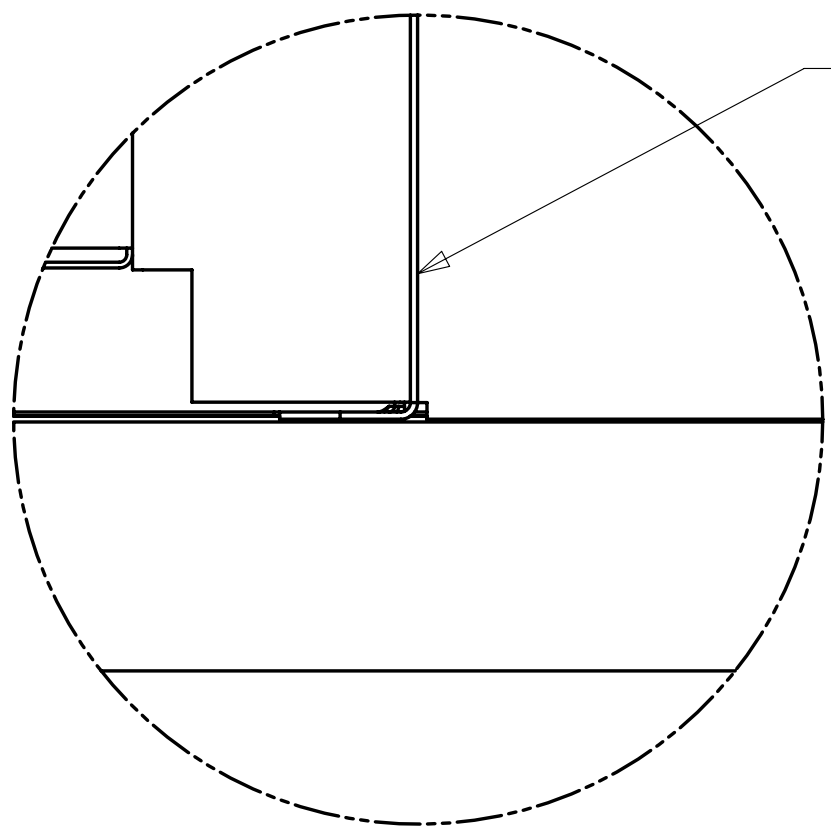
SECTION NB-NB
(RIGHT SIDE ONLY)



DETAIL NC



VIEW NA-NA
(2 PLACES)



DETAIL NE

INSIDE FACE
OF STEP BOX

4 PLCS

CHANNEL/
SEAL PLANE

STEP BOX

16.5

SECTION NF-NF

PANEL-CLOSEOUT
139843-09-CHT
SCREW
000G39-10-12T (4)

CHANNEL-FILLER
139389-05-CHT

CHANNEL-FILLER
139389-02-CHT

PLATE-STRIKER
142957-13-CHT
RIVET
113133-01-CHT (6)

DATUM

4 PLCS

DETAIL NE

VIEW ND-ND

FIRST USED			10 D33C
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS,FD			
SHEET 13	PART NO	172134	REV

8		7		6		5		4		3		2		1													
DWG NO		FRONT END ASM														RELEASE		REV A		DATE		DWG NO 167251					
167251-01		NA														REV		ZONE		REVISION RECORD		DATE		DFTR.Orig			
167251-02		173041-01																									
D														D													
C														C													
B														B													
A														A													

12. TORQUE TO: 191-209 Nm (143-157 FT LB).

11. ADD OR REMOVE SHIMS AS NEEDED TO LEVEL FRONT END ASM.

10. CUT U-CHANNEL SO NEW PART CAN BE WELDED TOP AND BOTTOM.

9. USE AS NEEDED AFTER PLATFORM ADJUSTMENT.

8. APPLY PUTTY SEALER, 111940-02-000 TO ANY SEAMS OR HOLES THAT NEED A FLEXIBLE DUST AND AIR SEAL.

7. ALIGN FRONT OF PANEL ASM WITH RADIATOR COVER AND REAR WITH ENGINE COVER SEAL EXTRUSION.

6. FOR BRAKE INSTL-EMERGENCY SEE DRAWING NUMBER 108080-01-000.

5. REMOVE RESERVOIR BRACKET (4 SCREWS) AND FASTEN TO WINNEBAGO BRACKET.

4. ADJUST HEIGHT OF SUPPORT TO LOCATE CAB PROPERLY.

3. WELD PANEL IN PLACE AND SEAL BEFORE CAB IS INSTALLED.

2. SEAL ALL JOINTS BETWEEN PANELS AND CAB.

1. REMOVE ALL BURRS AND SHARP EDGES.

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

Winnebago Industries

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INDUSTRIES, INC.

DFTR

CHRR

P.E.

M.E.

DSNR

ORIG. DATE

ALL DIMENSIONS ARE
IN MILLIMETERS

FIRST USED

09 D-SERIES,FD

UNSPECIFIED TOLERANCES ARE:
WHOLE DIM (X) : 3
ONE-PLACE (X.X) : 1.5
TWO-PLACE (X.XX) : 0.50
ANGLE : 1°

MATERIAL:

THIRD ANGLE
PROJECTION

DO NOT SCALE DRAWING

REFER TO ES0018 FOR FASTENER
TIGHTENING GUIDELINES

TITLE:
FRONT END/CHASSIS ASM

SHEET 1 OF 5

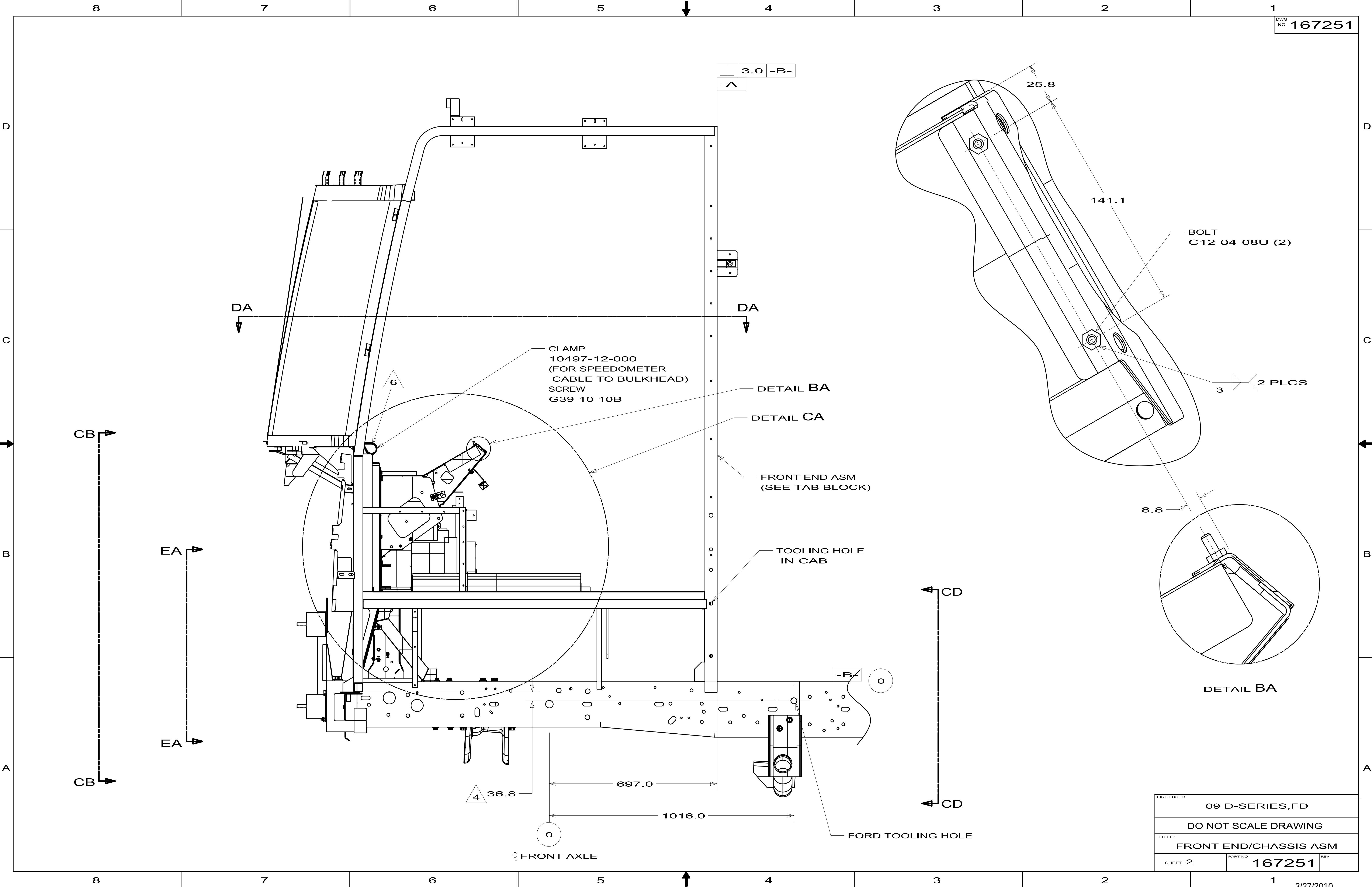
PART NO
167251

REV

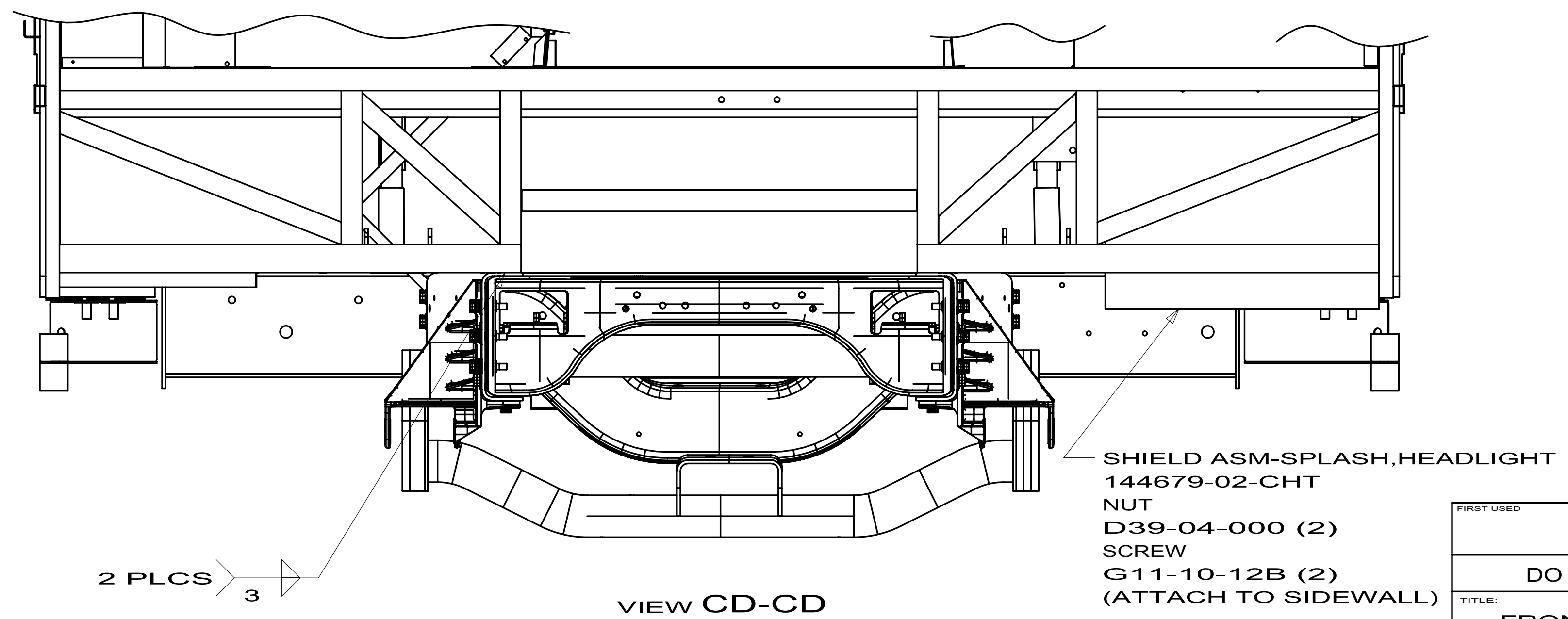
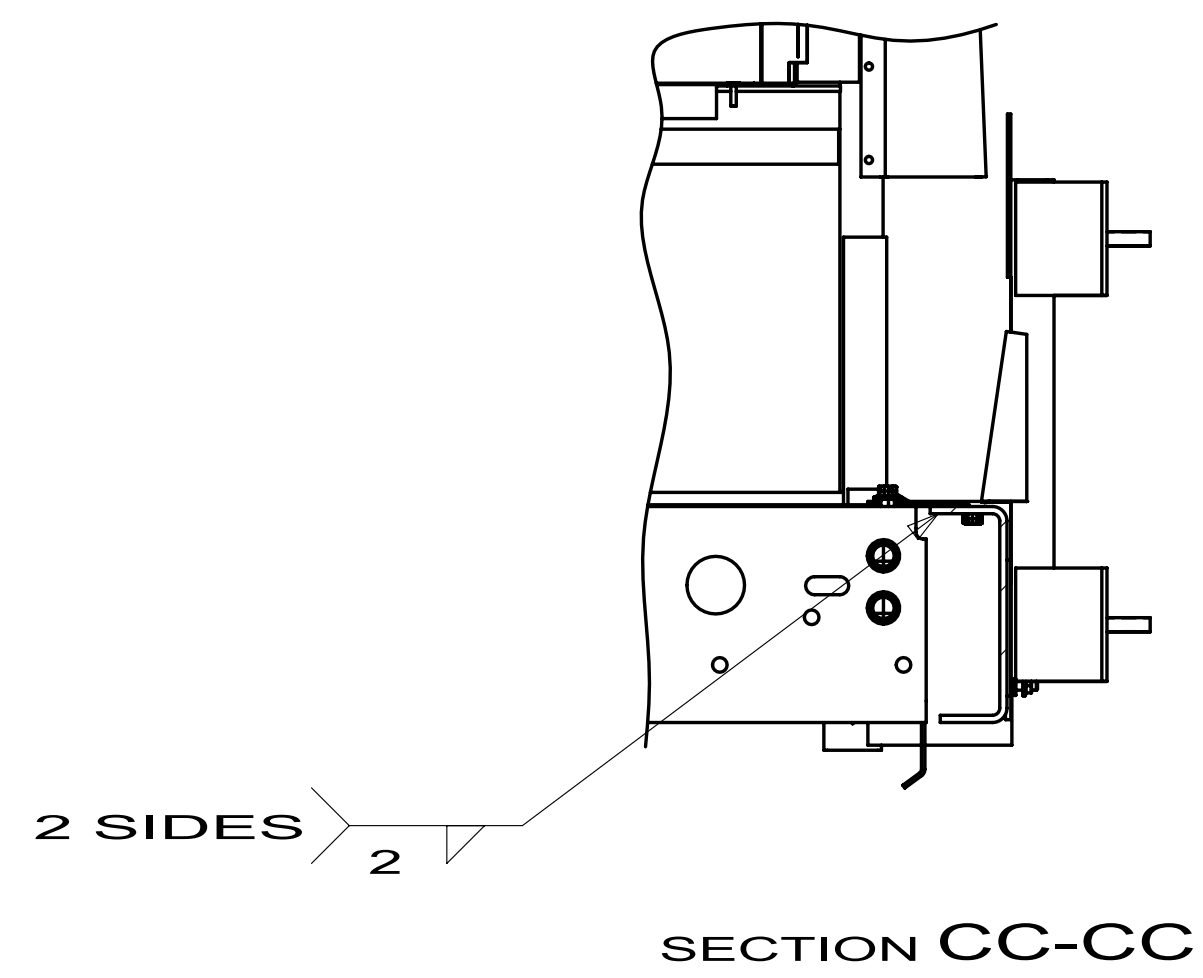
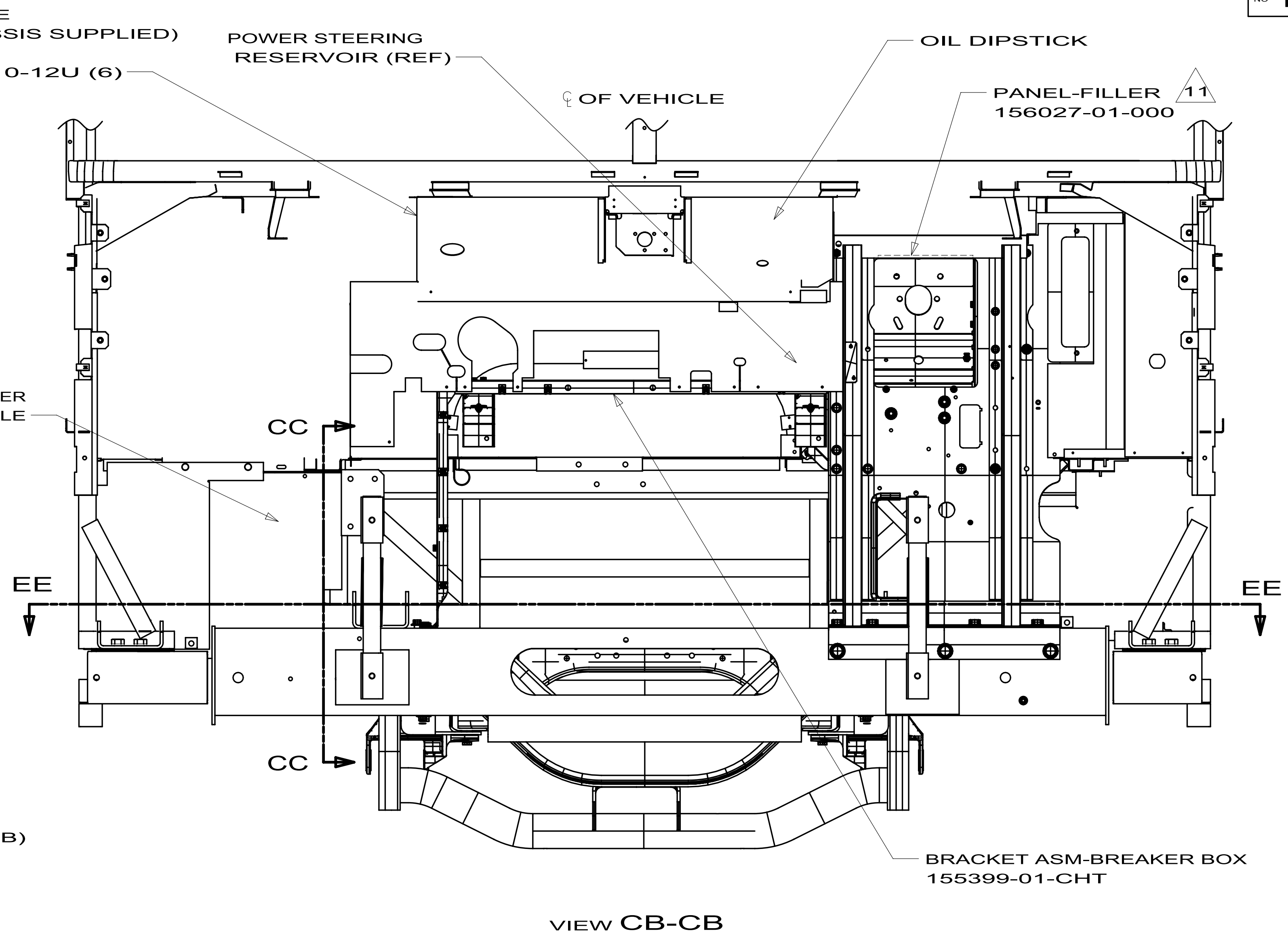
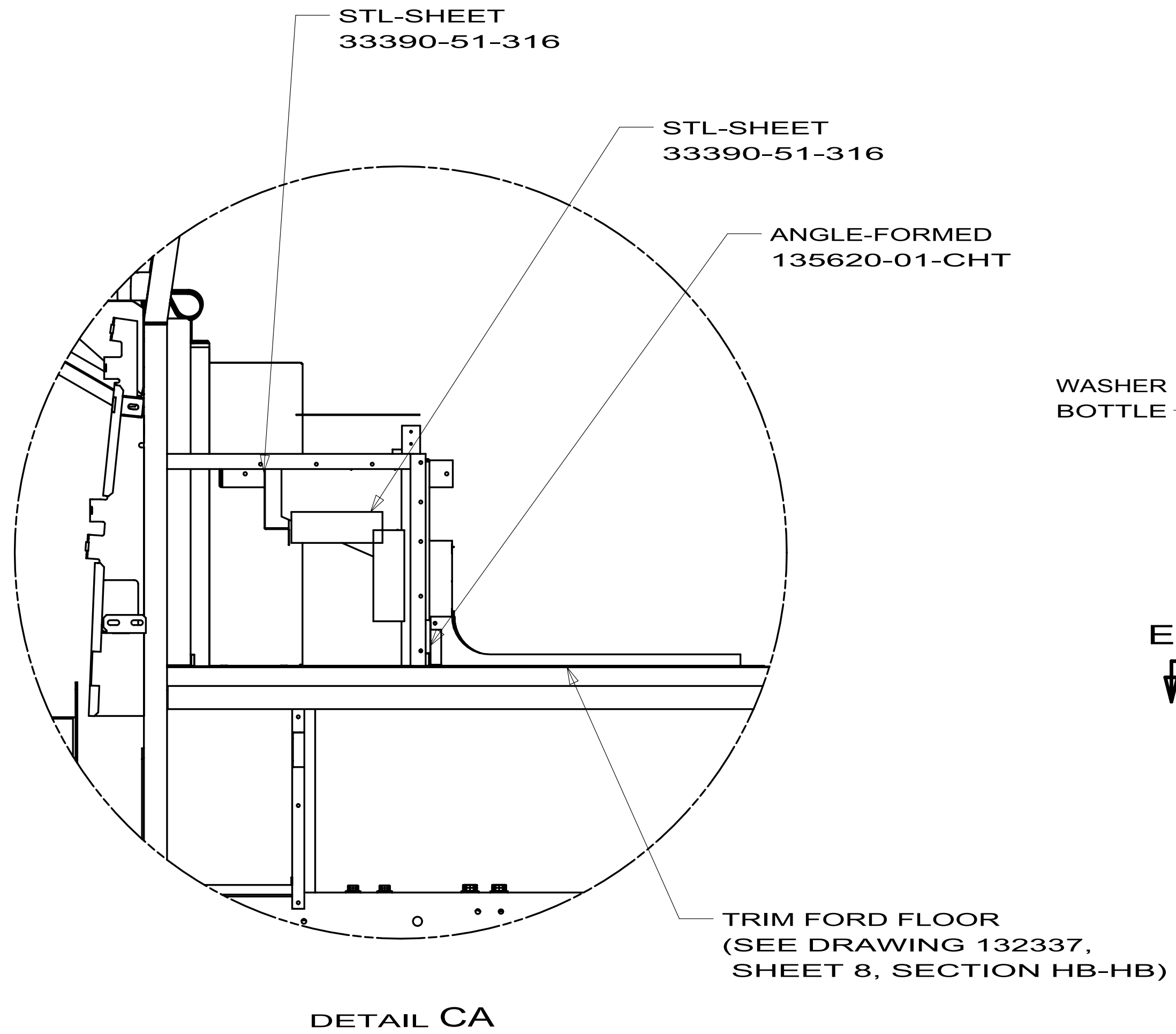
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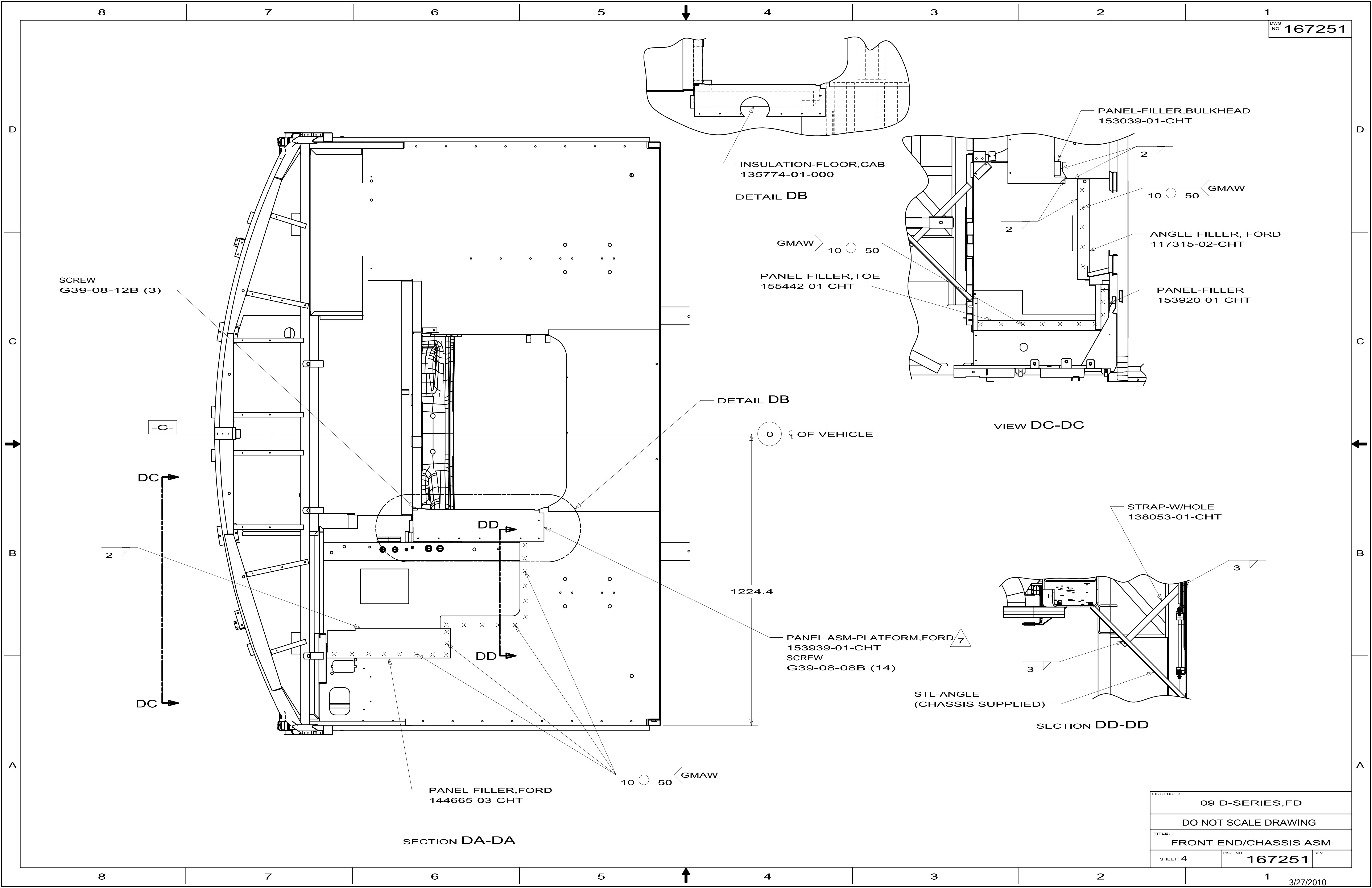
3/27/2010



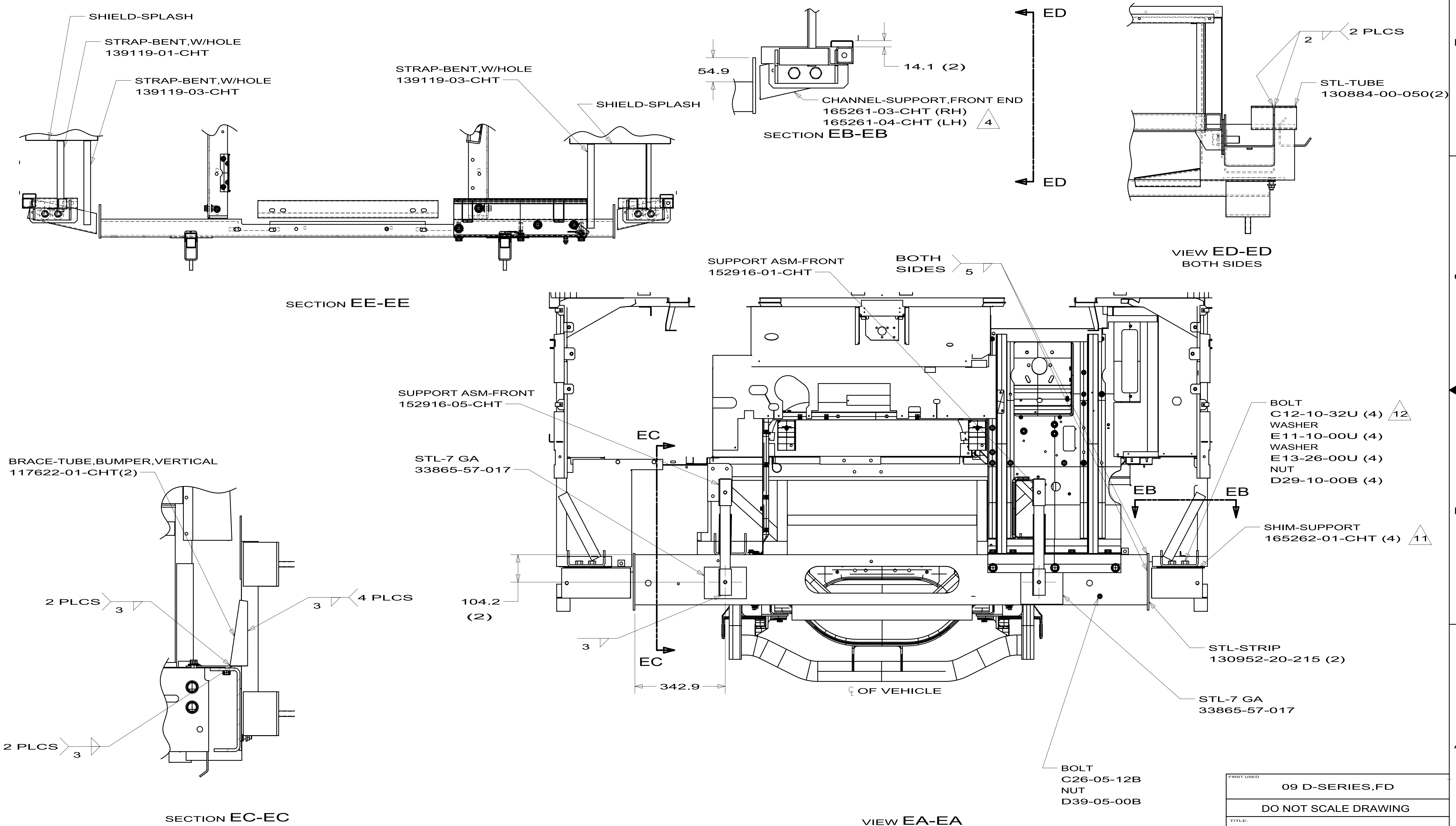
FIRST USED		
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DO NOT SCALE DRAWING		
TITLE:		
FRONT END/CHASSIS ASM		
SHEET 2	PART NO	REV
	167251	

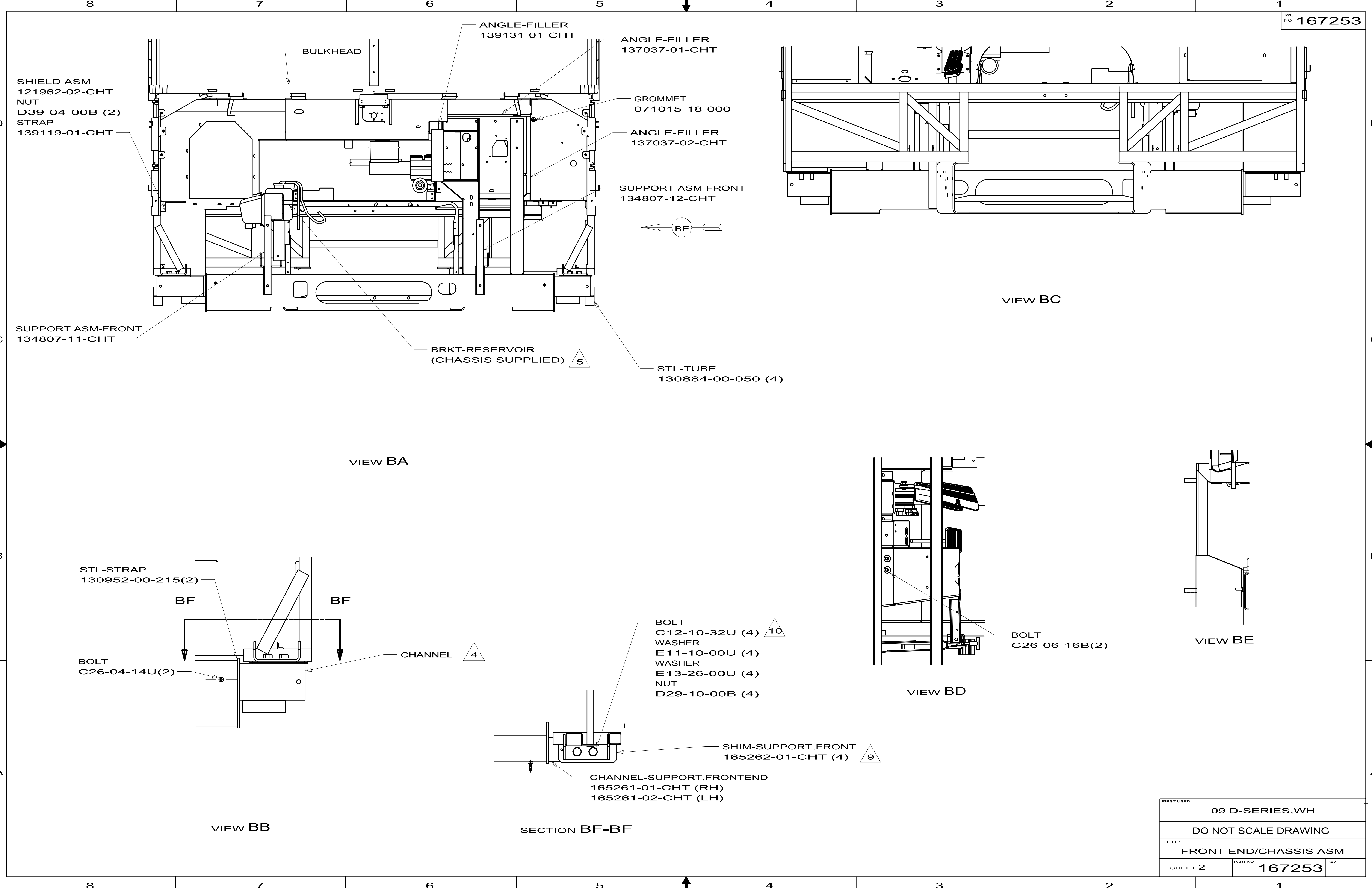


FIRST USED			09 D-SERIES, FD		
			DO NOT SCALE DRAWING		
TITLE:			FRONT END/CHASSIS ASM		
SHEET	3	PART NO	167251	REV	

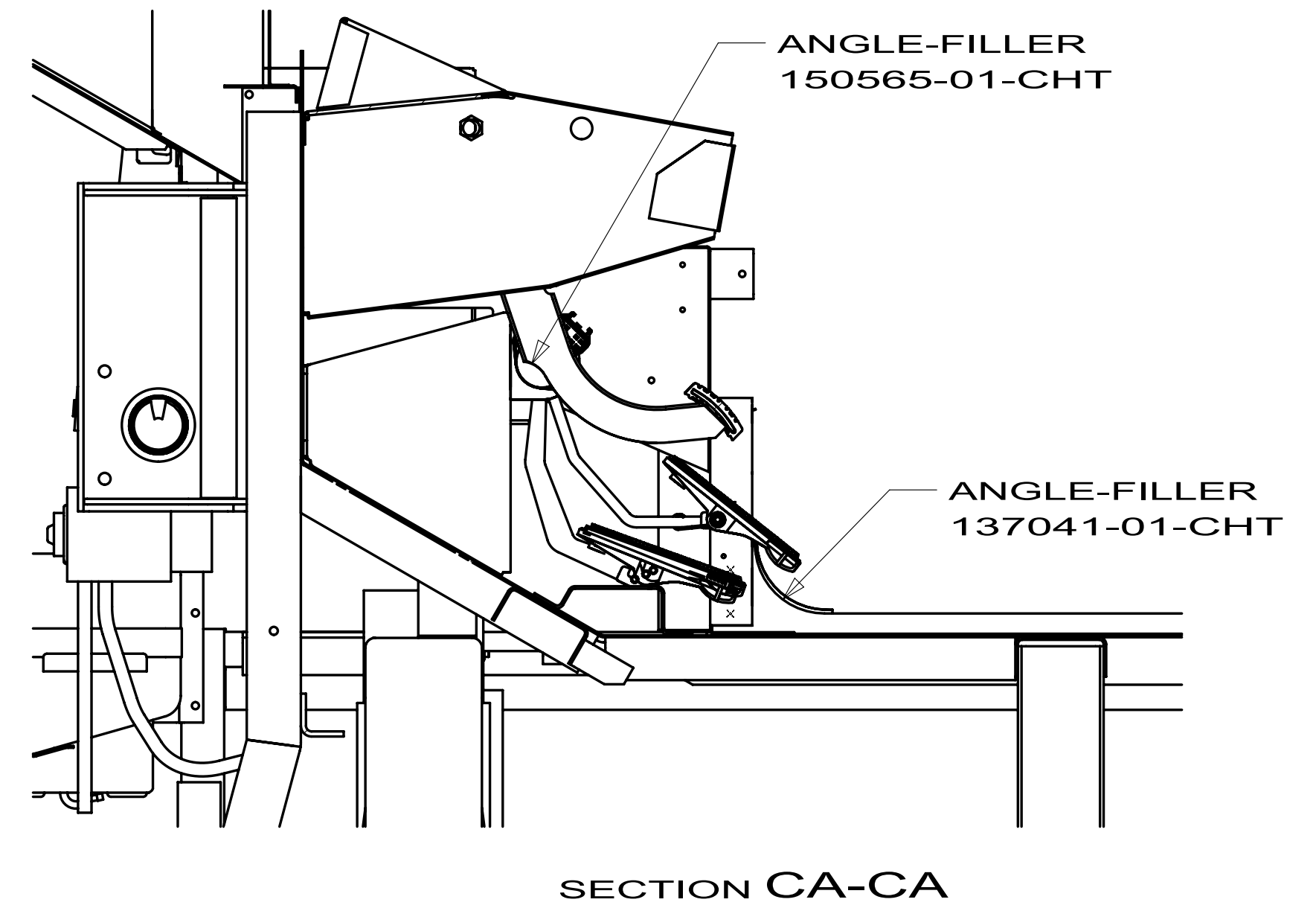


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TITLE:		
FRONT END/CHASSIS ASM		
SHEET 4	PART NO 167251	REV





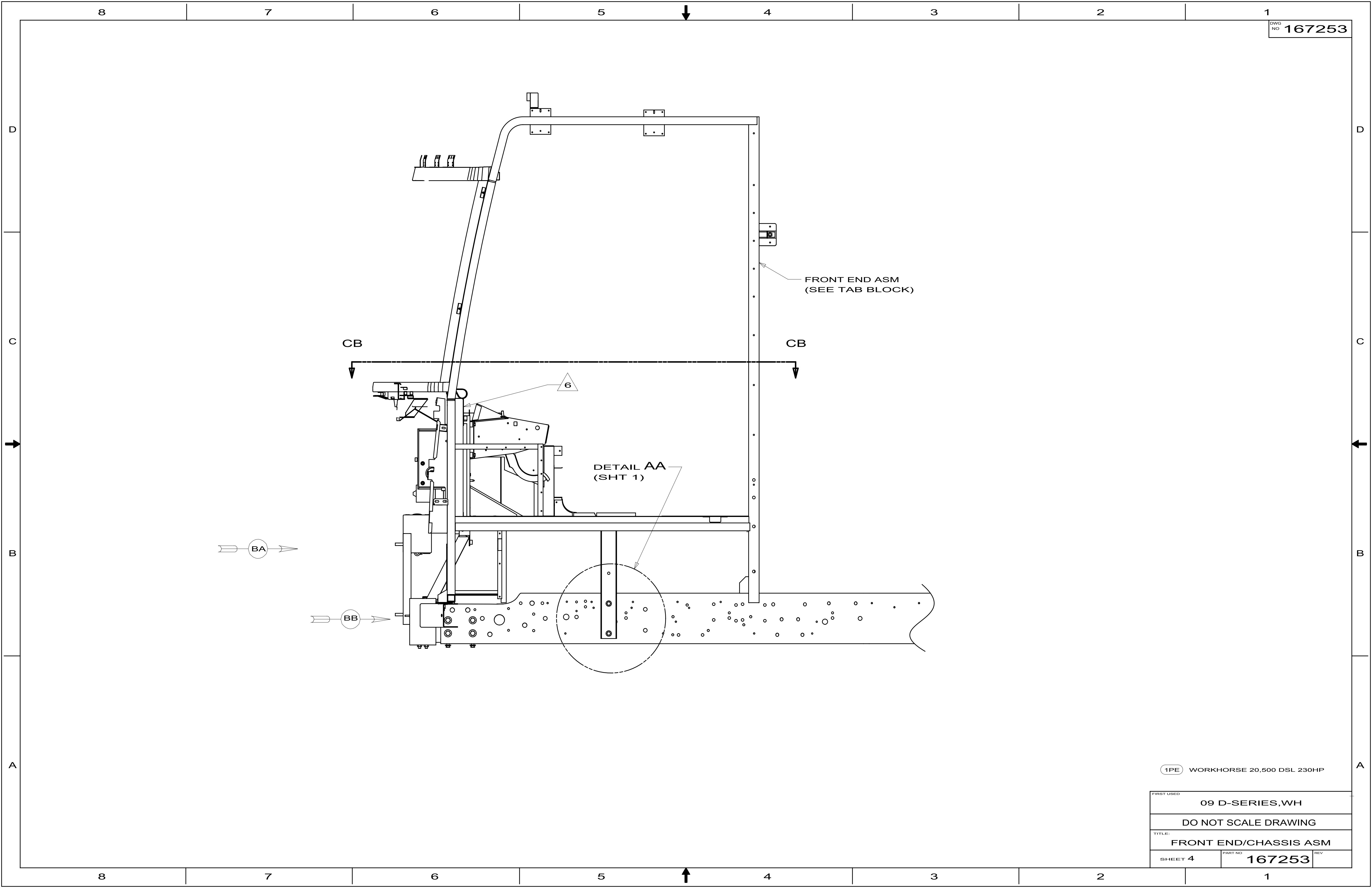
FIRST USED		
09 D-SERIES,WH		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 2	PART NO 167253	REV



WH TOOLING HOLE

3 PANEL-FILLER
137045-01-CHT

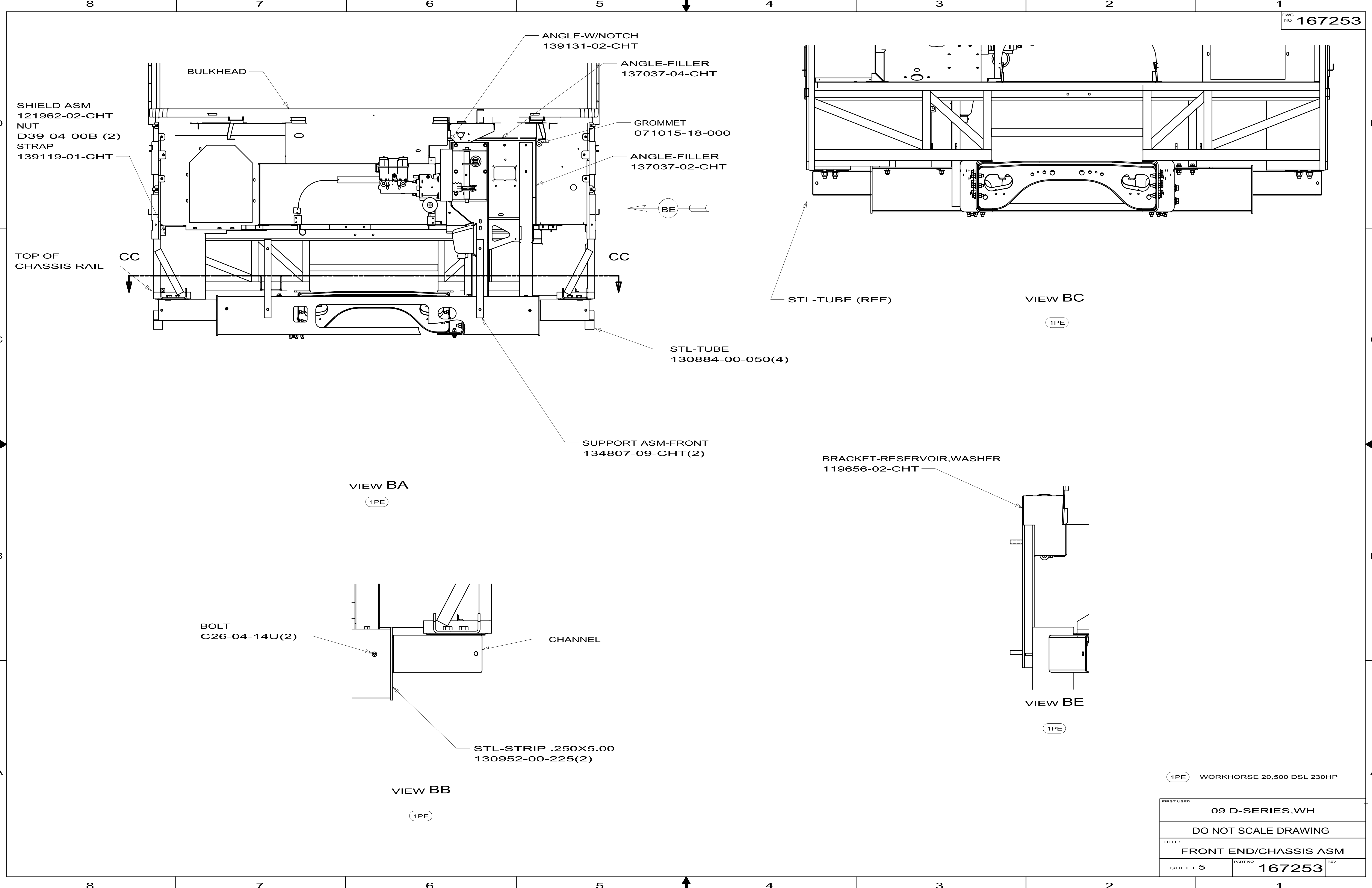
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TITLE:			DO NOT SCALE DRAWING		
SHEET 3			FRONT END/CHASSIS ASM		
PART NO			167253		
REV					



DWG NO 167253

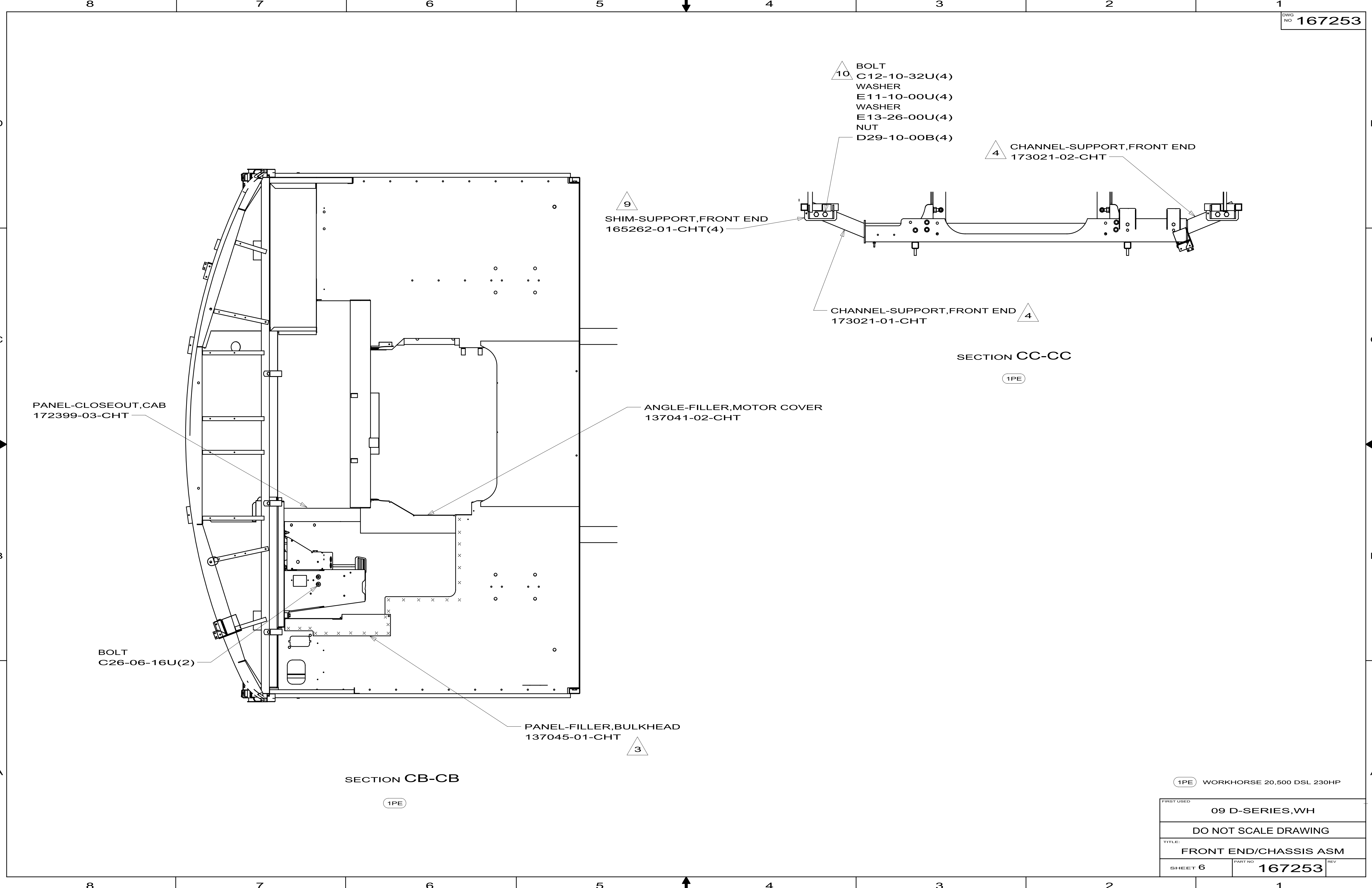
1PE WORKHORSE 20,500 DSL 230HP

FIRST USED			09 D-SERIES,WH
DO NOT SCALE DRAWING			
TITLE:			FRONT END/CHASSIS ASM
SHEET 4	PART NO	167253	REV



1PE WORKHORSE 20,500 DSL 230HP

FIRST USED		
09 D-SERIES,WH		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 5	PART NO 167253	REV



PANEL-CLOSEOUT,CAB
172399-03-CHT

BOLT
C26-06-16U(2)

9
SHIM-SUPPORT,FRONT END
165262-01-CHT(4)

ANGLE-FILLER,MOTOR COVER
137041-02-CHT

PANEL-FILLER,BULKHEAD
137045-01-CHT

10
BOLT
C12-10-32U(4)
WASHER
E11-10-00U(4)
WASHER
E13-26-00U(4)
NUT
D29-10-00B(4)

4
CHANNEL-SUPPORT,FRONT END
173021-02-CHT

CHANNEL-SUPPORT,FRONT END
173021-01-CHT

SECTION CC-CC

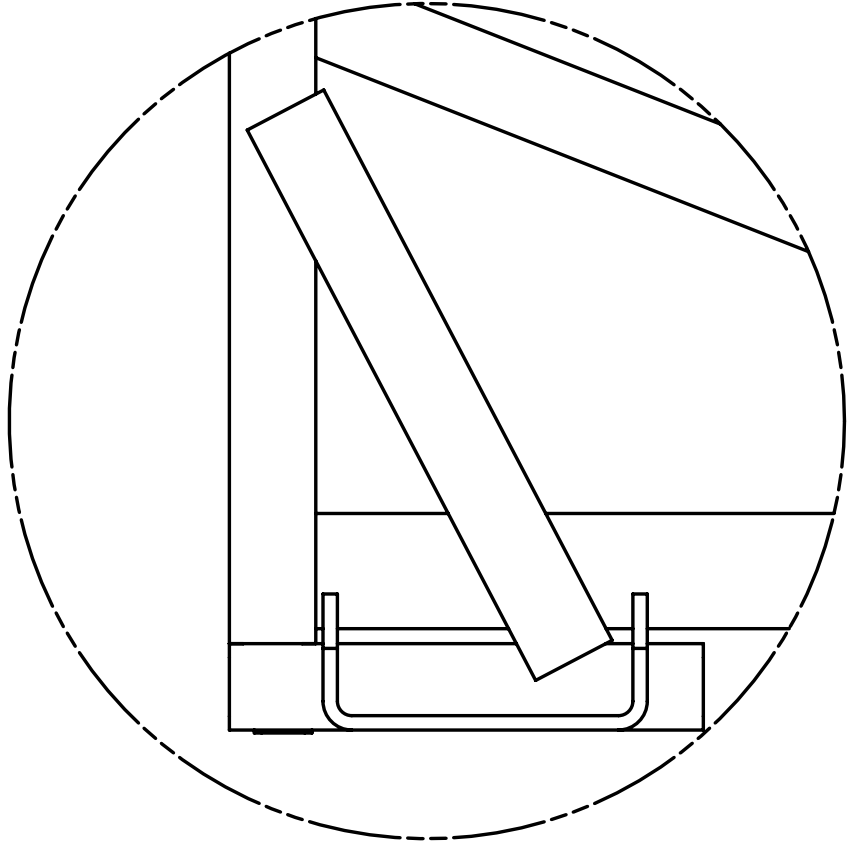
1PE

SECTION CB-CB

1PE

1PE WORKHORSE 20,500 DSL 230HP

FIRST USED		
09 D-SERIES,WH		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END/CHASSIS ASM		
SHEET 6	PART NO	REV
	167253	



DETAIL AA
(2 PLCS)

ANGLE-A PILLAR
166365-01-CHT (4)

GUSSET-WINDSH.
124835-01-CHT

SUPPORT-WIPER
158946-01-CHT

MOUNT-BODY,UPPER
165300-01-CHT (2)

SUPPORT ASM-TV
143632-07-CHT 2

BRACKET-ROOF CAP
124454-01-CHT (7)

CHANNEL-SUPPORT,FRONT END
117462-05-CHT (2)

SUPPORT-WIPER
158946-02-CHT

ANGLE-FORMED
126289-65-CHT (2)

GUSSET-WINDSH.
124835-02-CHT

BRACKET ASM-WIPER MOTOR
160712-05-CHT

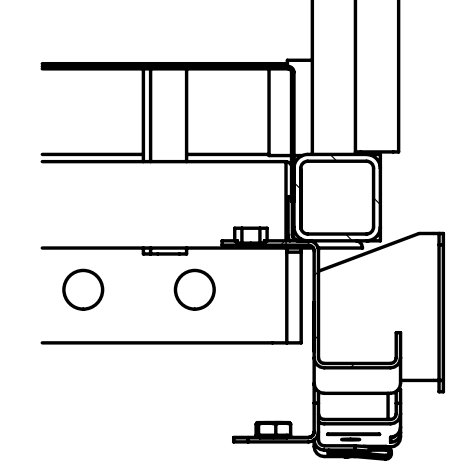
STL-TUBE
130894-00-945 (2)

STL-ANG
130922-00-274 (2)

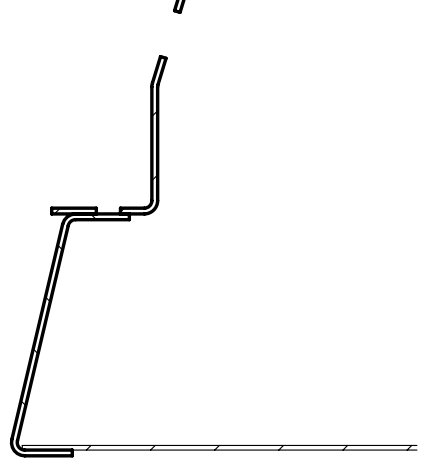
TUBE-SUPPORT
138785-02-CHT (2)

SHIELD-SPLASH,RH
118592-01-CHT

STRAP-SUPPORT
125201-05-CHT (2)



SECTION AB-AB



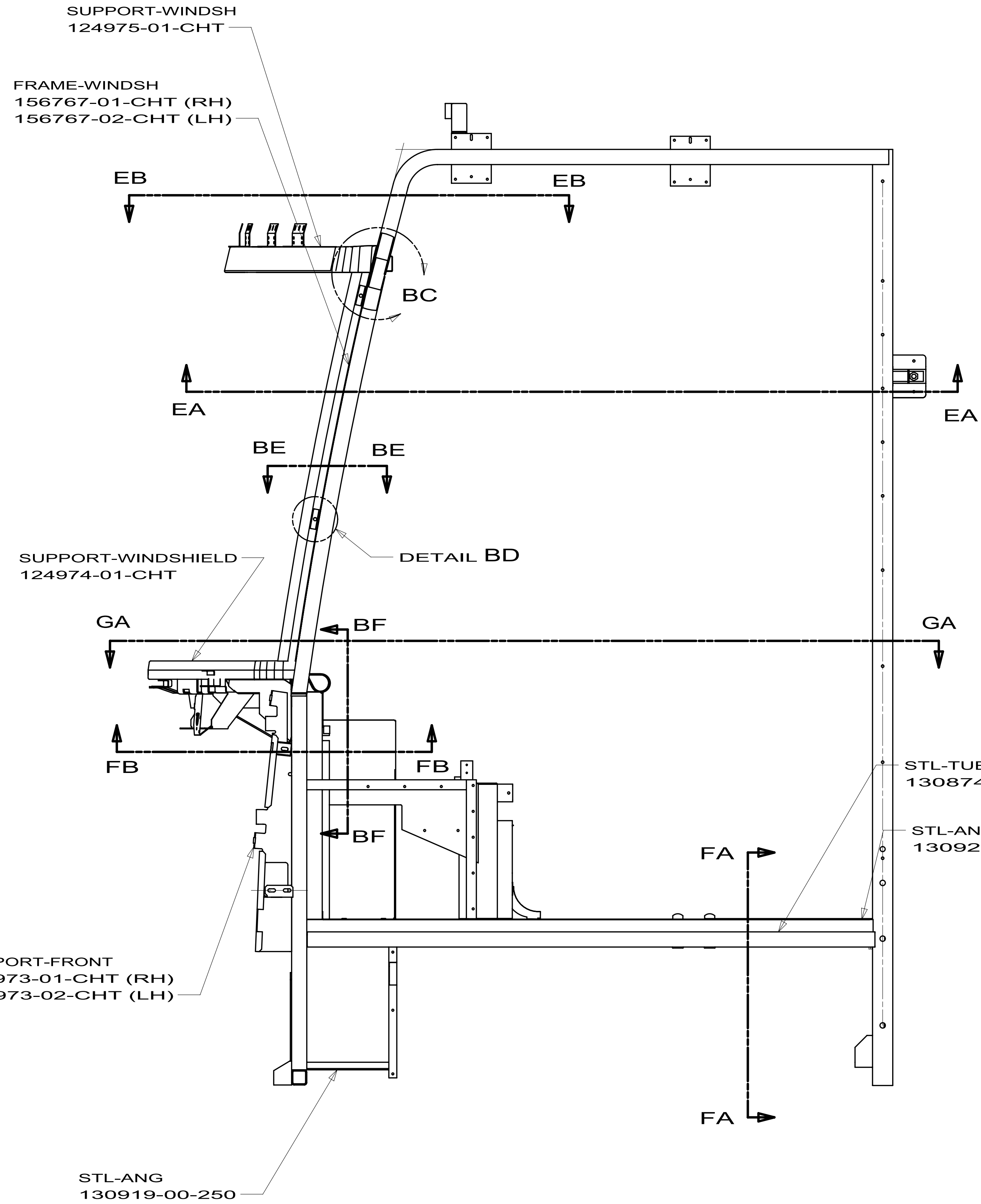
SECTION AC-AC

WORKHORSE DIESEL

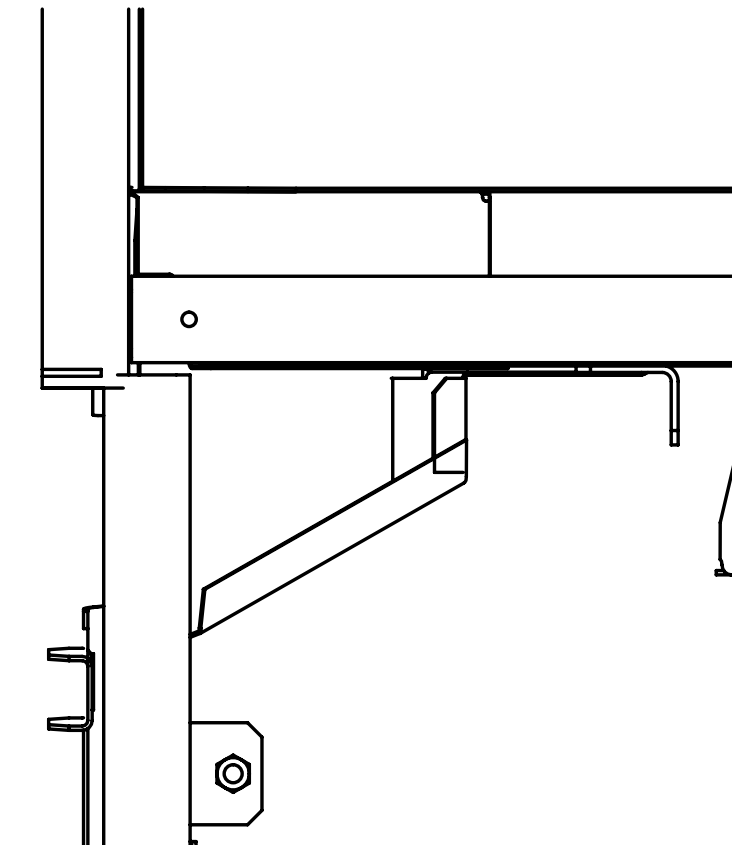
WINNEBAGO® INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFT#		ORIG. DATE	
CHK#		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.		FIRST USED	
M.E.		10 D-SERIES	
DS#R			
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) ± 3			
ONE-PLACE (X.X) ± 1.5			
TWO-PLACE (X.XX) ± 0.50			
ANGLE ± 1°			
THIRD ANGLE PROJECTION		WEIGHT = 387.3 LBS	
DO NOT SCALE DRAWING			
TITLE:			
FRONT END ASM			
SHEET 1 OF 7		PART NO	REV
		173007	
REF: 1		2/18/2010	

5. SEAL WITH 110744-03-000
AFTER E-COAT.
4. HOLES MUST ALIGN TO ALLOW
FREE PASSAGE OF A #10 SCREW.
3. 7.13 DIA HOLE MUST LINE UP
WITH HOLE IN B-PILLAR.
2. ATTACH AFTER E-COAT.
1. CLEAN, E-COAT, AND SEAL CAB W/143201-01-000.

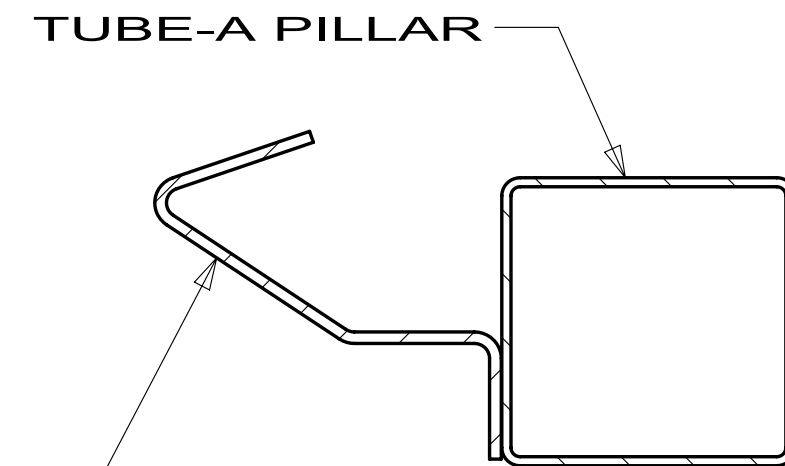
SEE CHART
FOR COLOR VARIATIONS
OF THIS PART



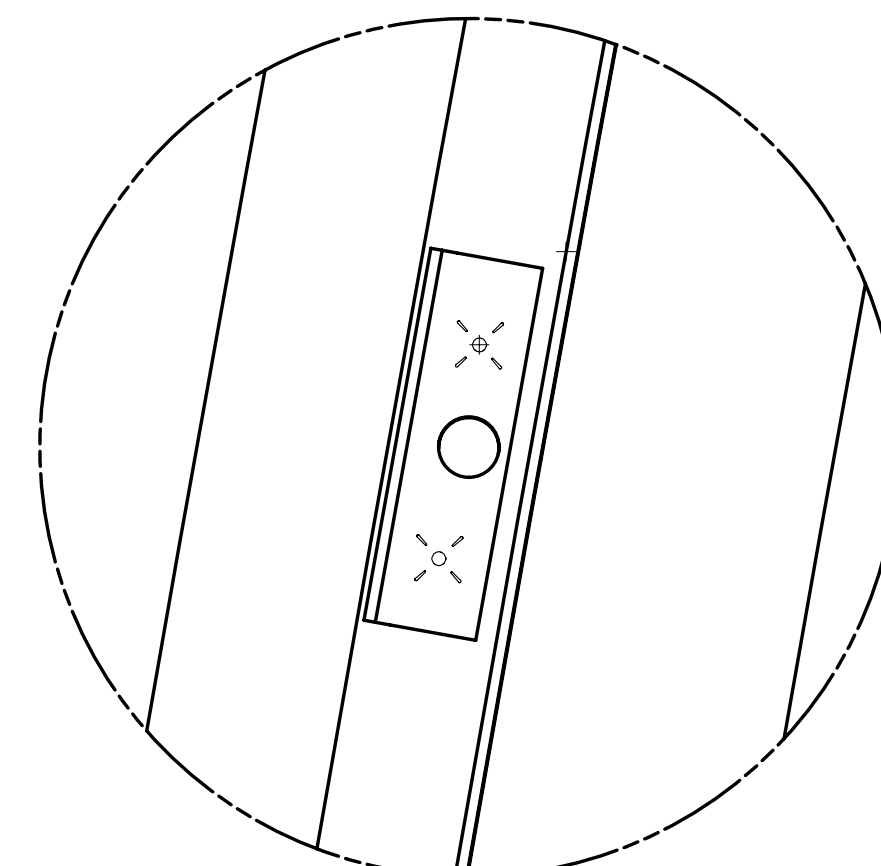
VIEW BA



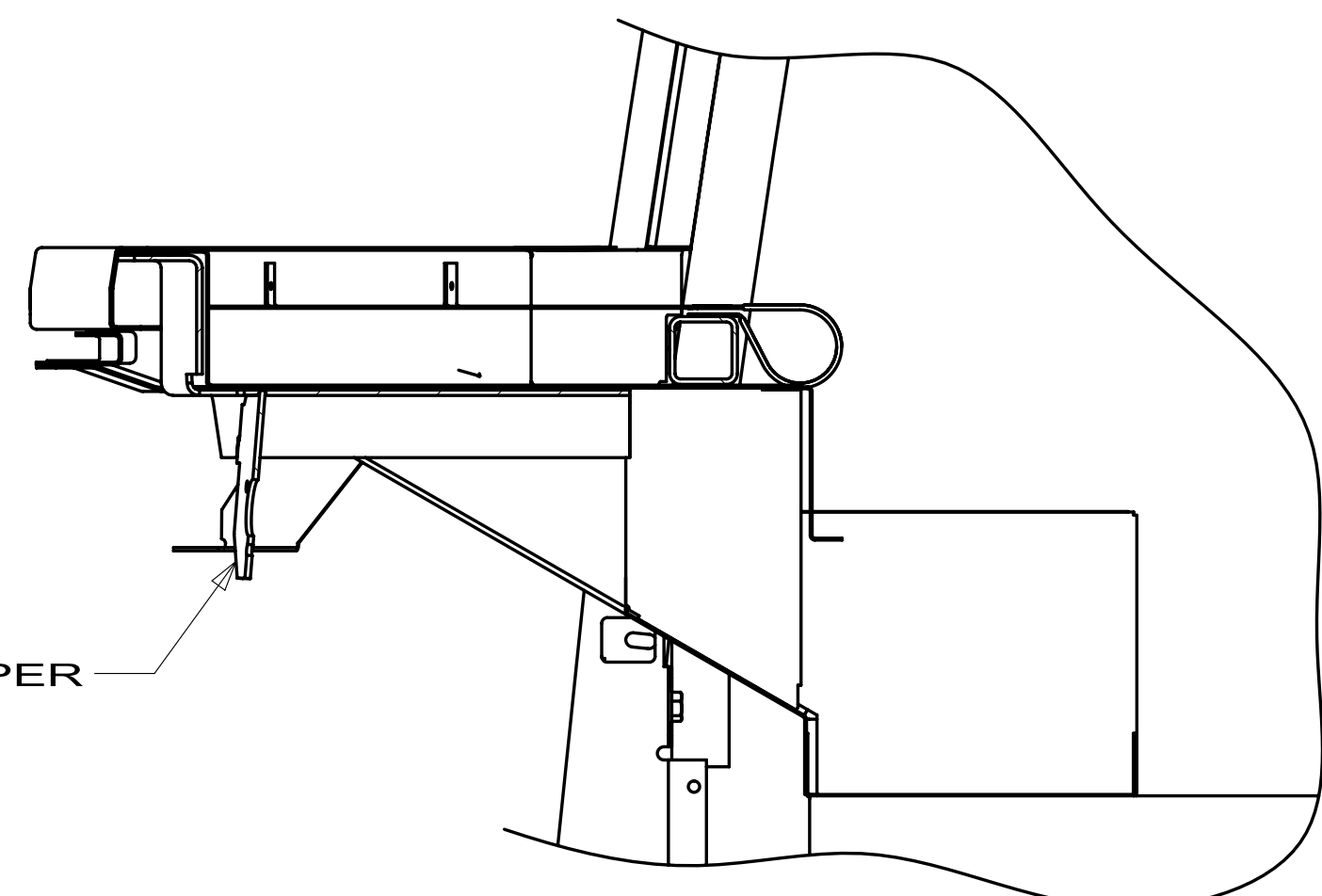
SECTION BF-BF



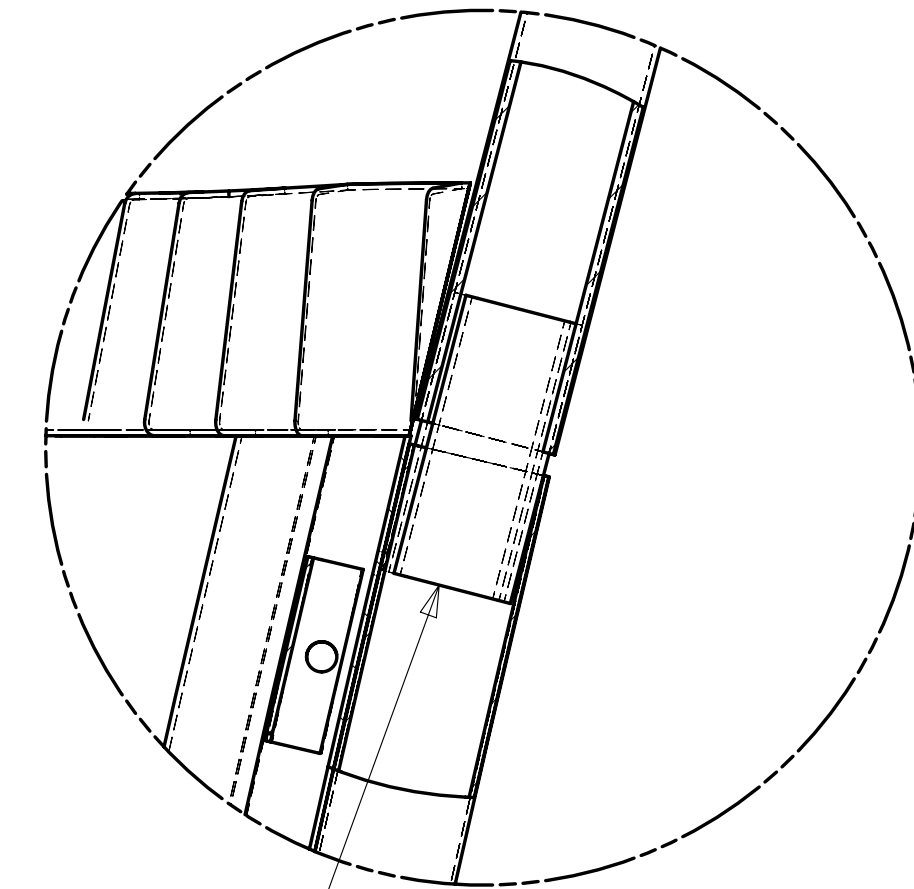
SECTION BE-BE



DETAIL BD
4 PLCS

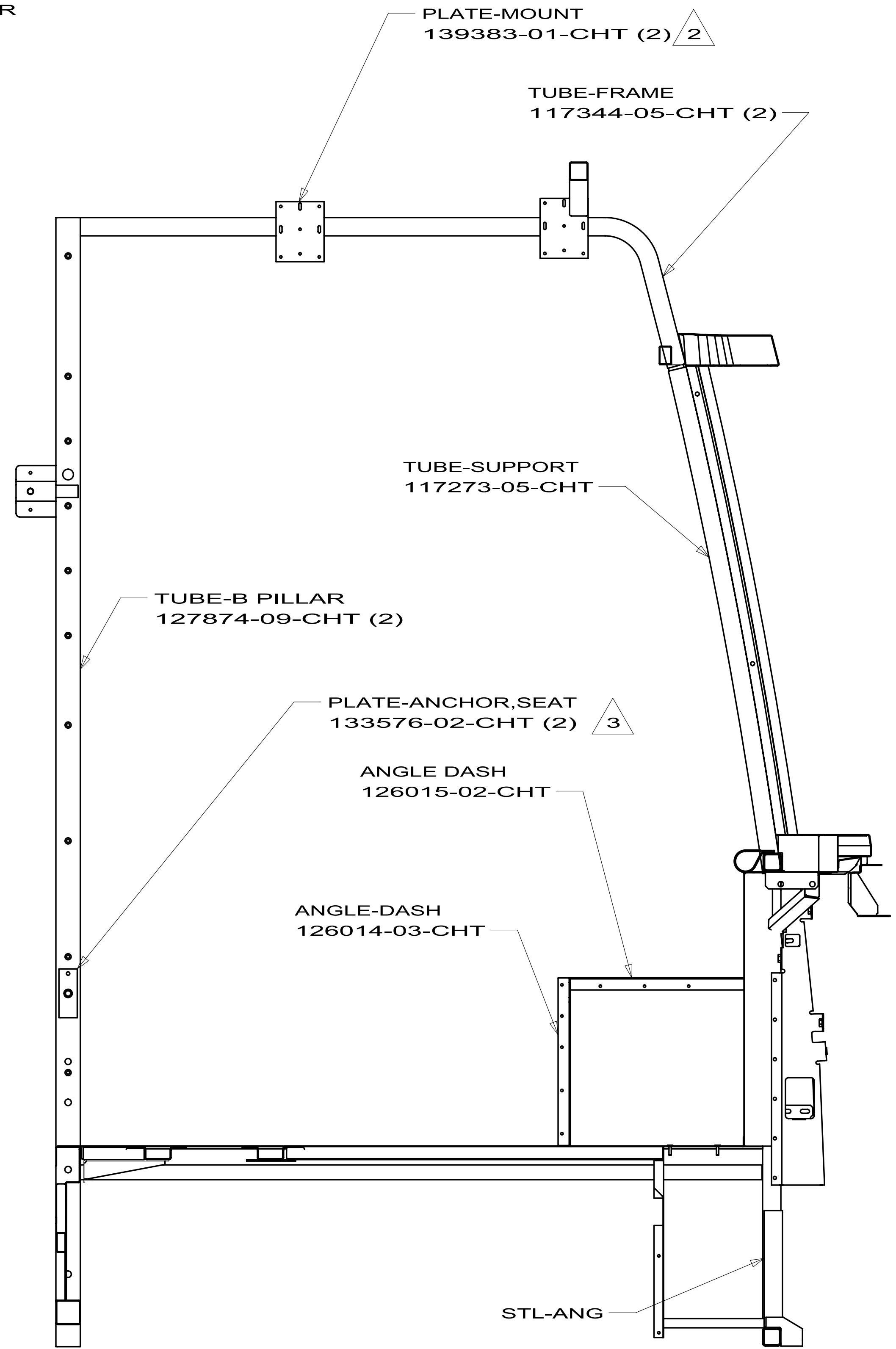
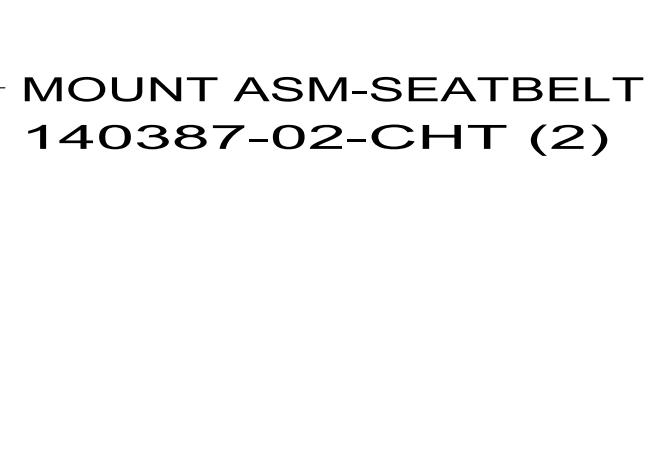
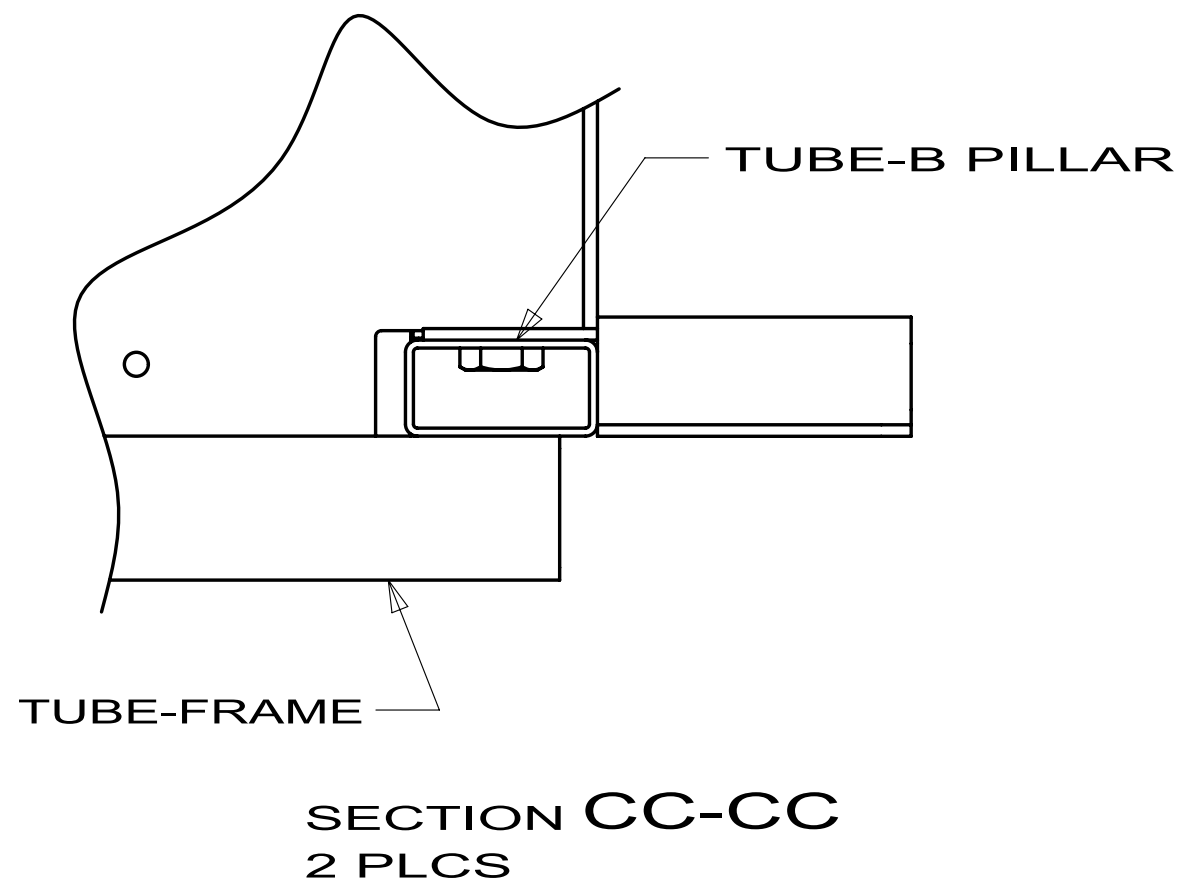
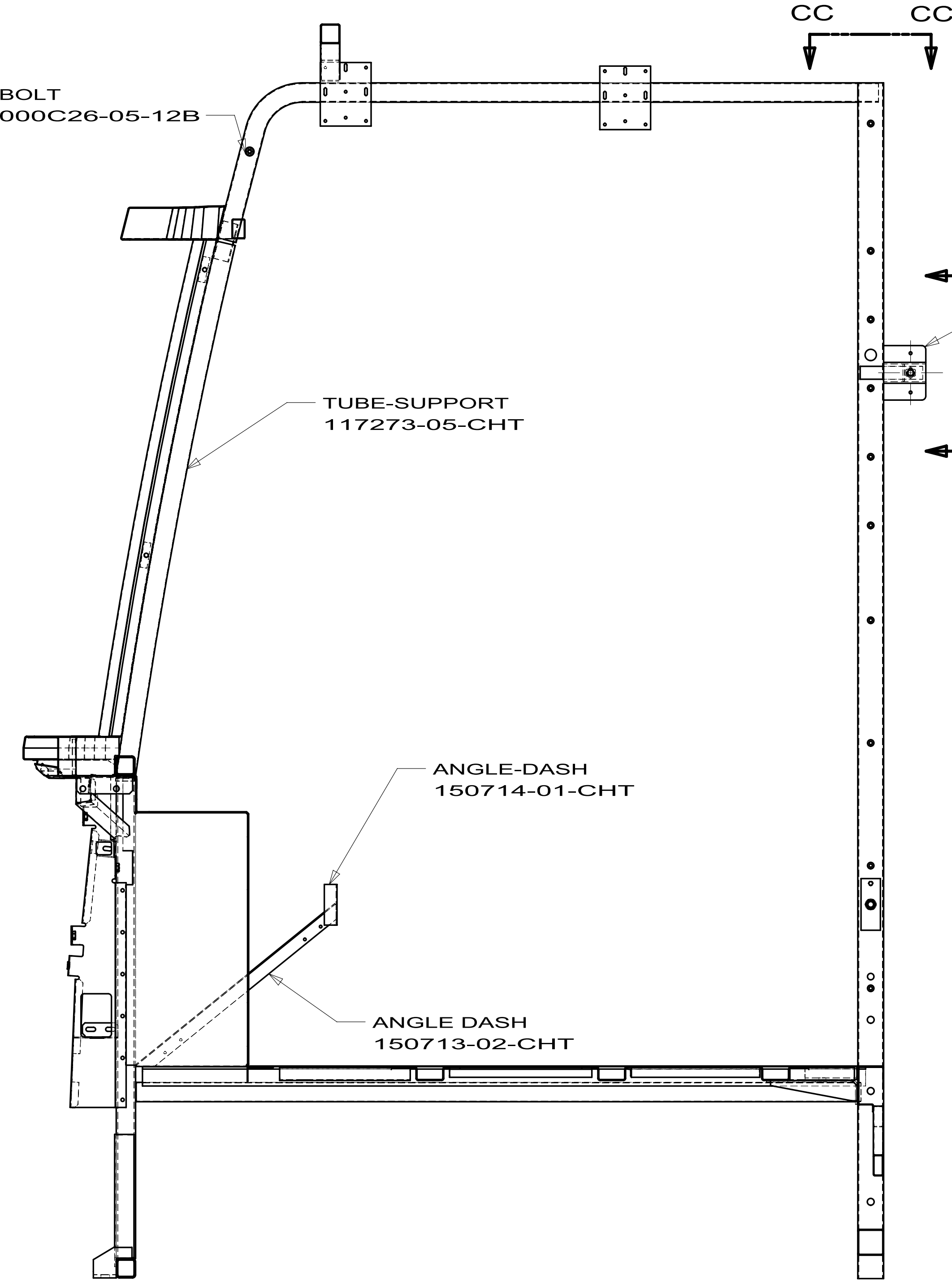


SECTION BB-BB

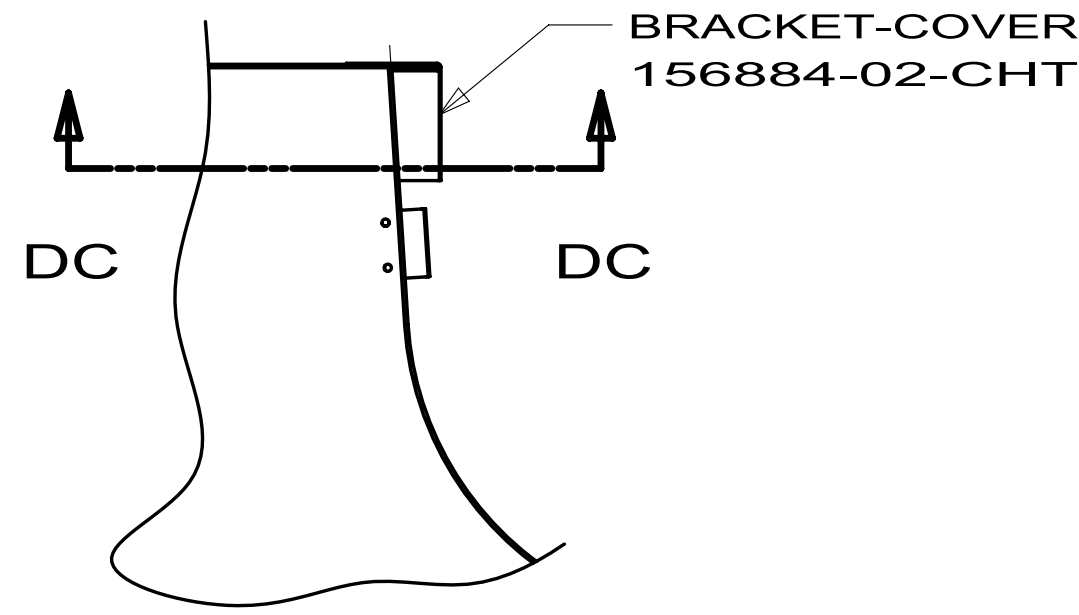


DETAIL BC
(BOTH SIDES)

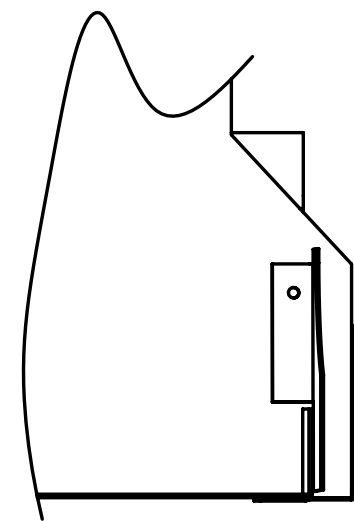
FIRST USED			10 D-SERIES
DO NOT SCALE DRAWING			
TITLE:			FRONT END ASM
SHEET 2	PART NO	173007	REV



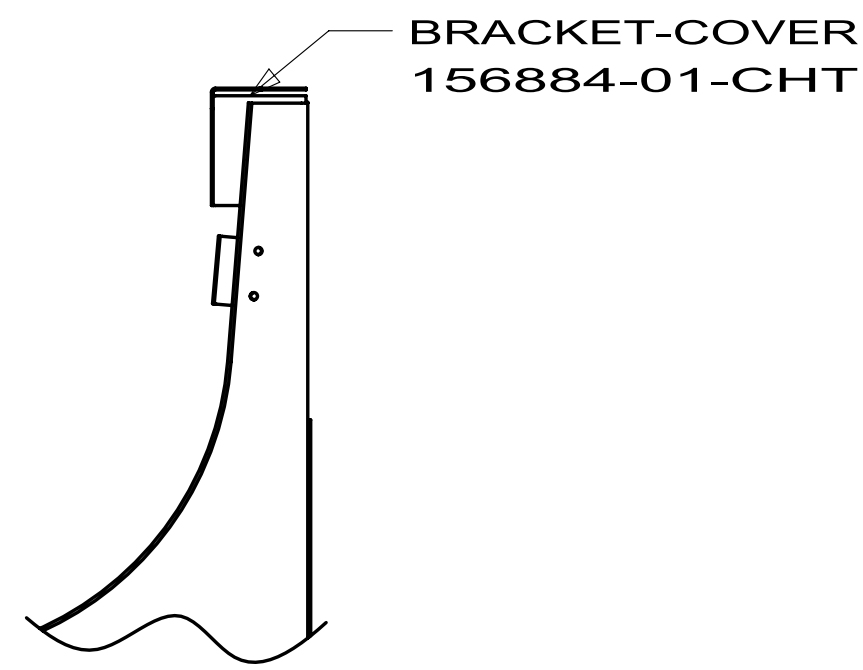
FIRST USED		10 D-SERIES	
DO NOT SCALE DRAWING			
TITLE: FRONT END ASM			
SHEET 3	PART NO	173007	REV



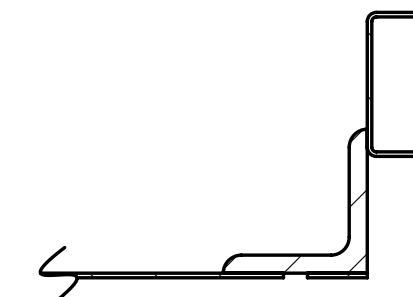
SECTION DB-DB



SECTION DC-DC



SECTION DD-DD



SECTION DE-DE

FLOOR ASM-CAB
133472-34-CHT

CLAMP-CLOSED-STL
010497-04-000 (2)

DG

DB

DB

DD

DD

DG
DG

STRAP-DEFROSTER
137047-06-CHT (2)

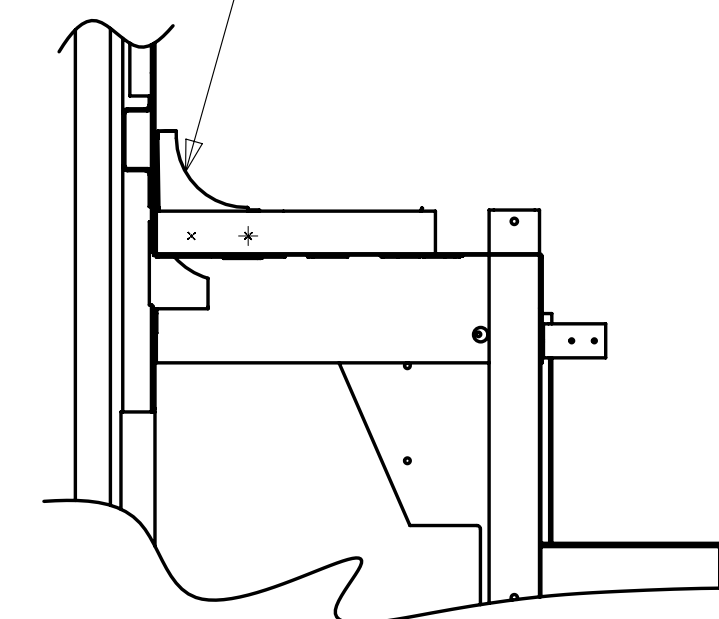
STRAP-DEFROSTER
137047-05-CHT (2)

TOOLING HOLE

STRAP-DEFROSTER
137047-04-CHT (4)

SECTION DA-DA

BRACKET-SEAL
137033-02-CHT



SECTION DG-DG

CHANNEL-
SUPPORT

STRAP-
SUPPORT

SUPPORT-
WINDSHIELD

SECTION DF-DF

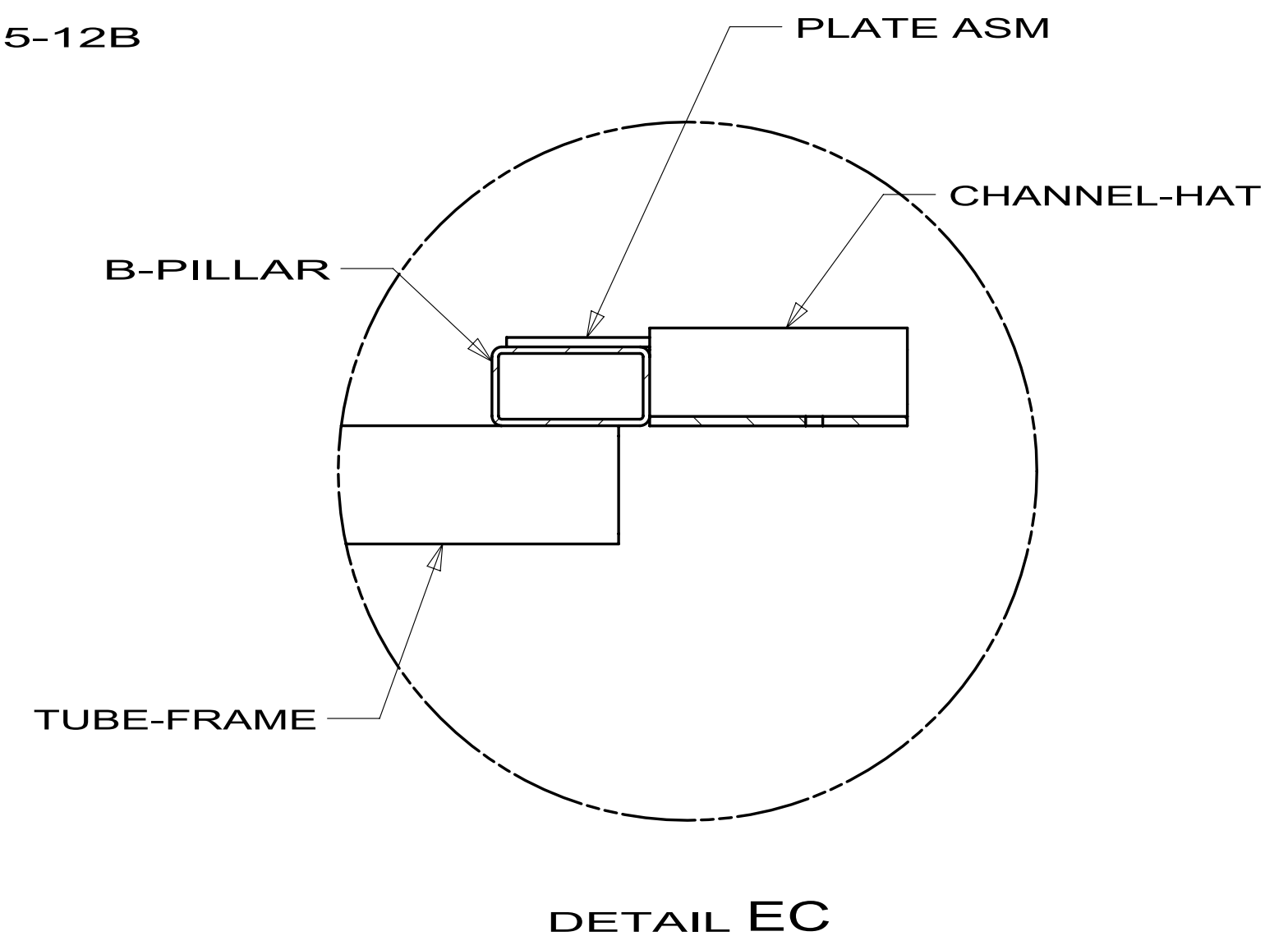
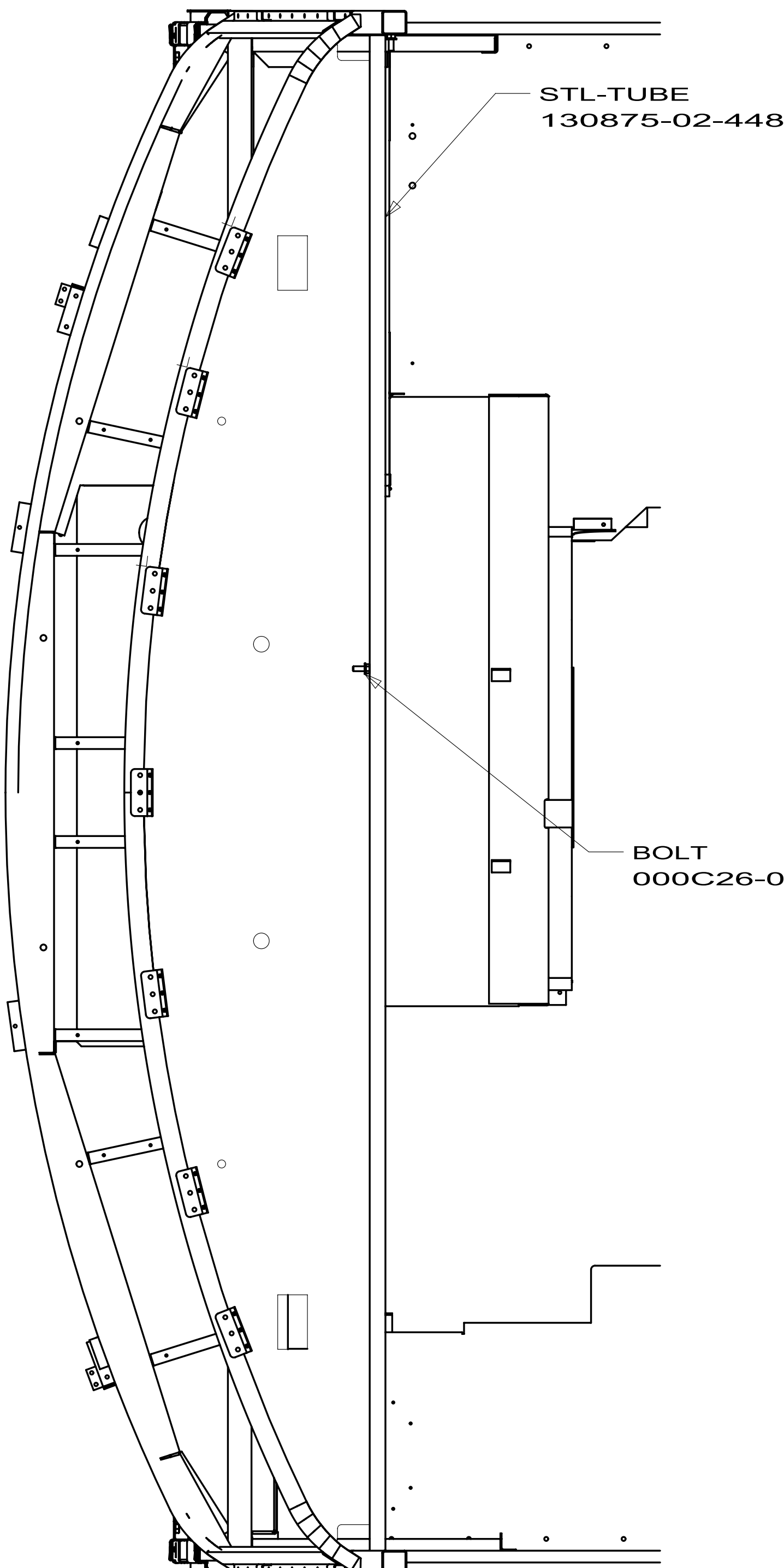
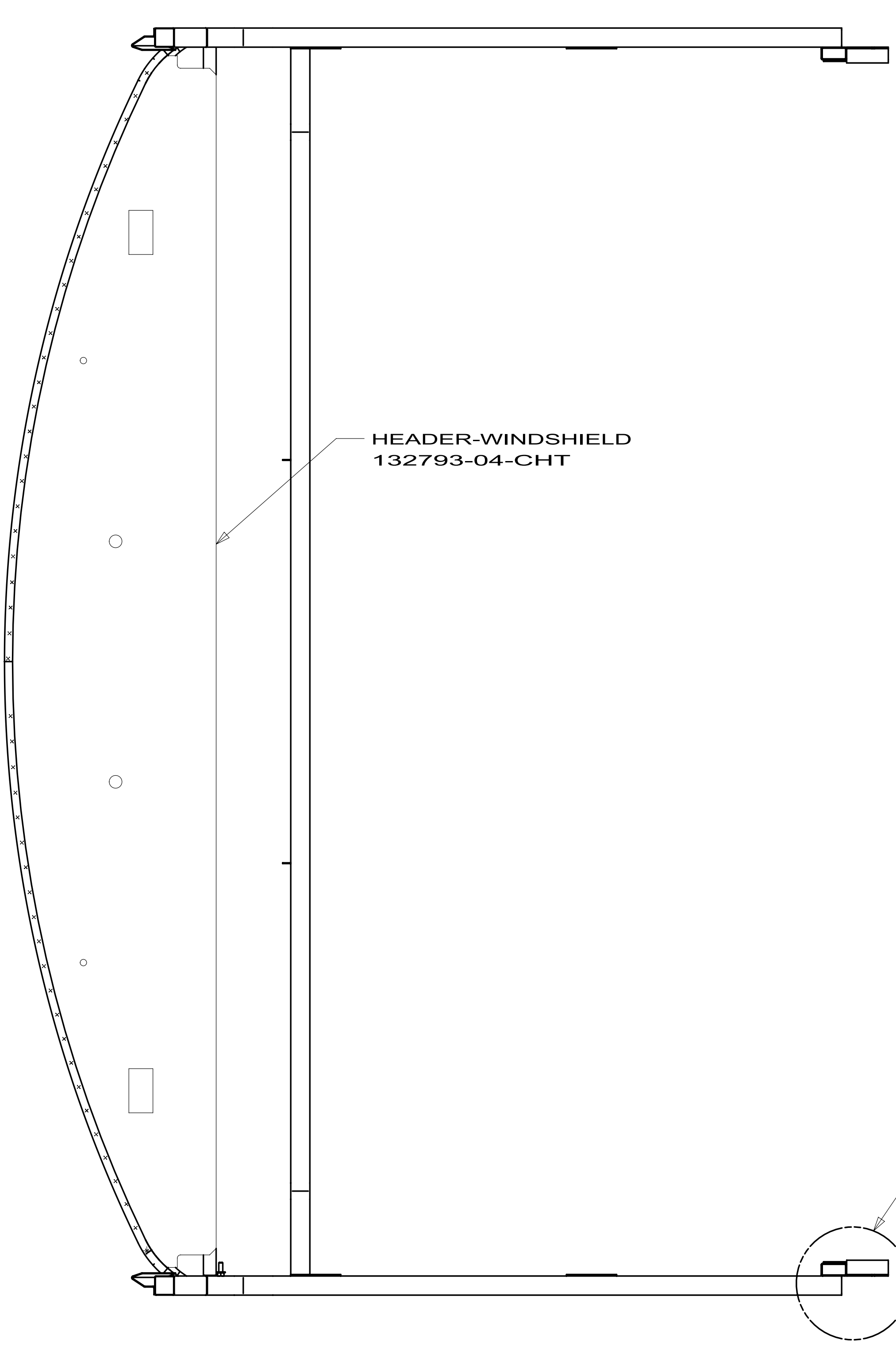
ANGLE-
FORMED

SECTION DJ-DJ

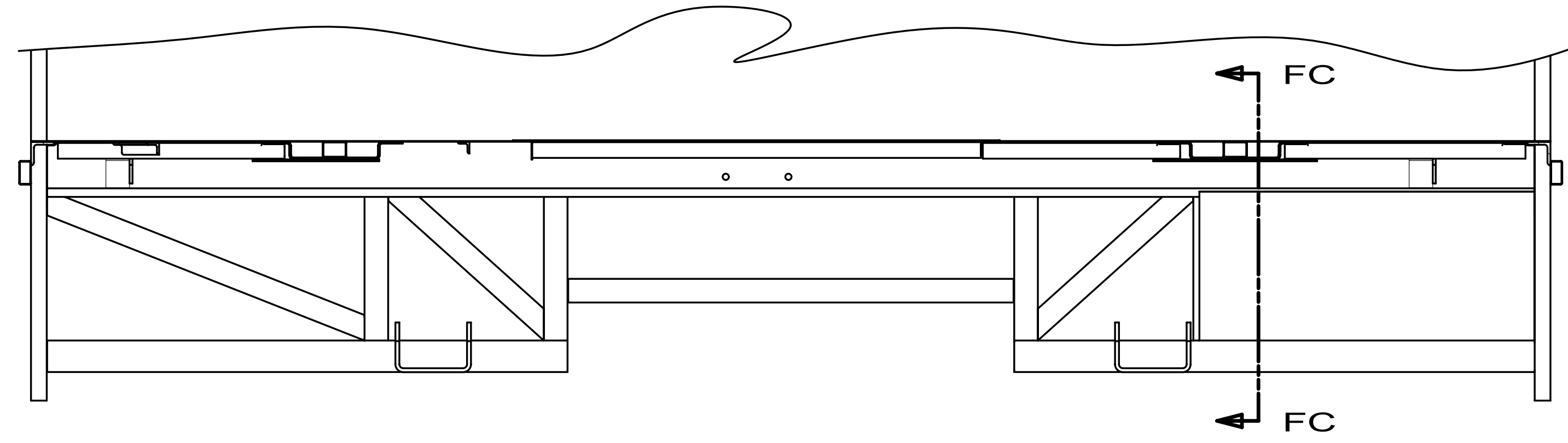
SUPPORT-
WIPER

SECTION DH-DH

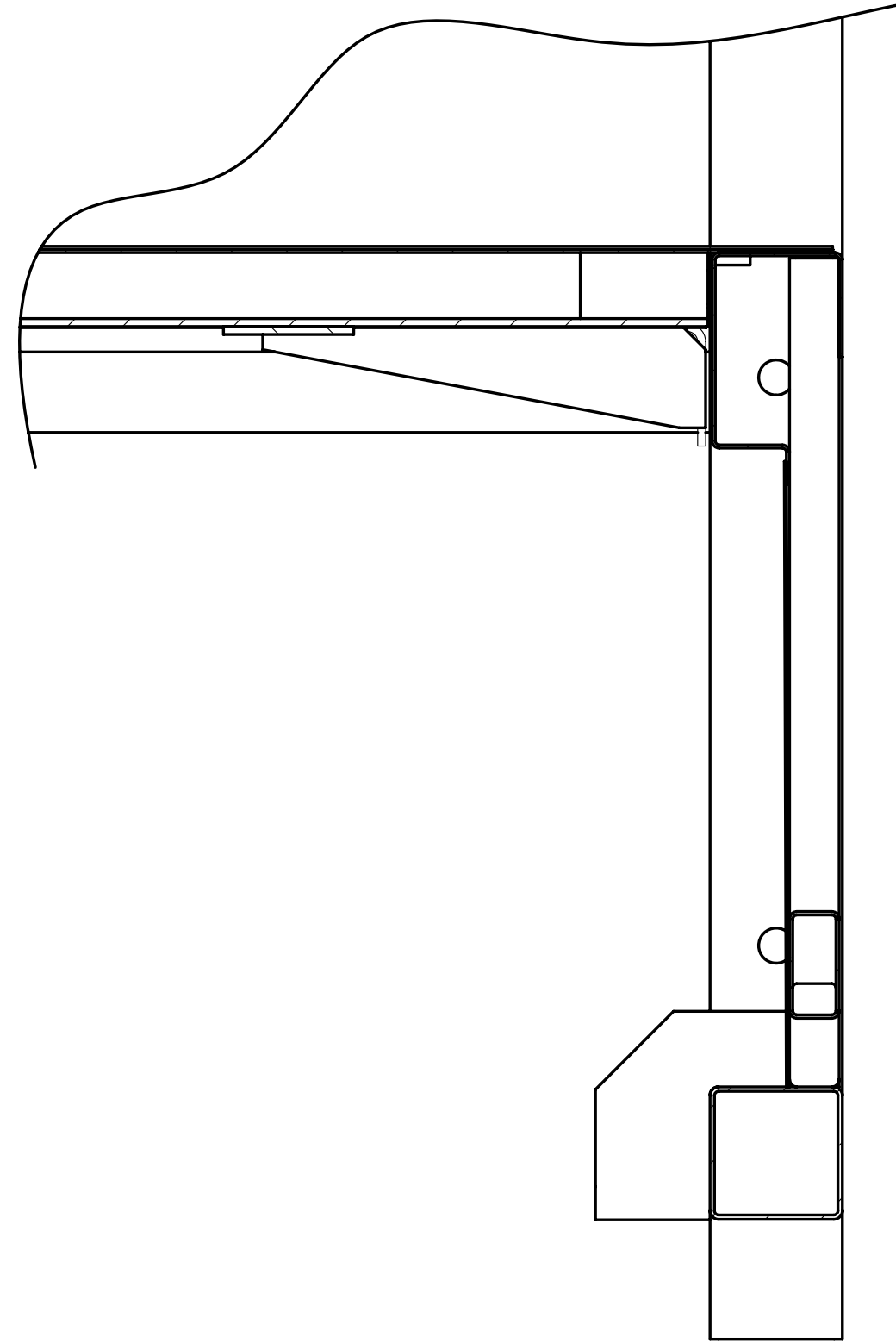
FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO 173007	REV



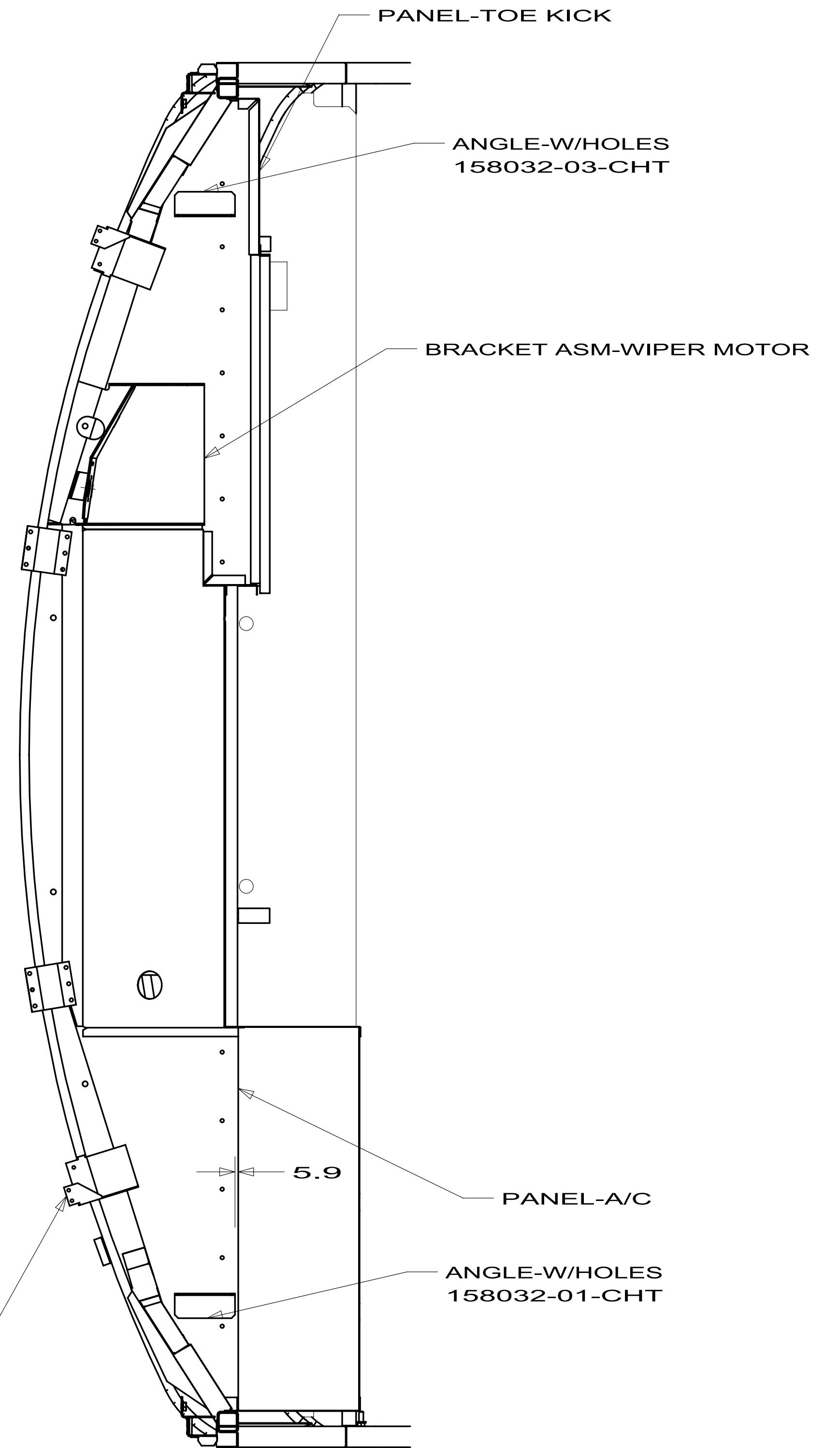
FIRST USED			10 D-SERIES		
			DO NOT SCALE DRAWING		
TITLE:			FRONT END ASM		
SHEET 5	PART NO	173007	REV		



SECTION FA-FA

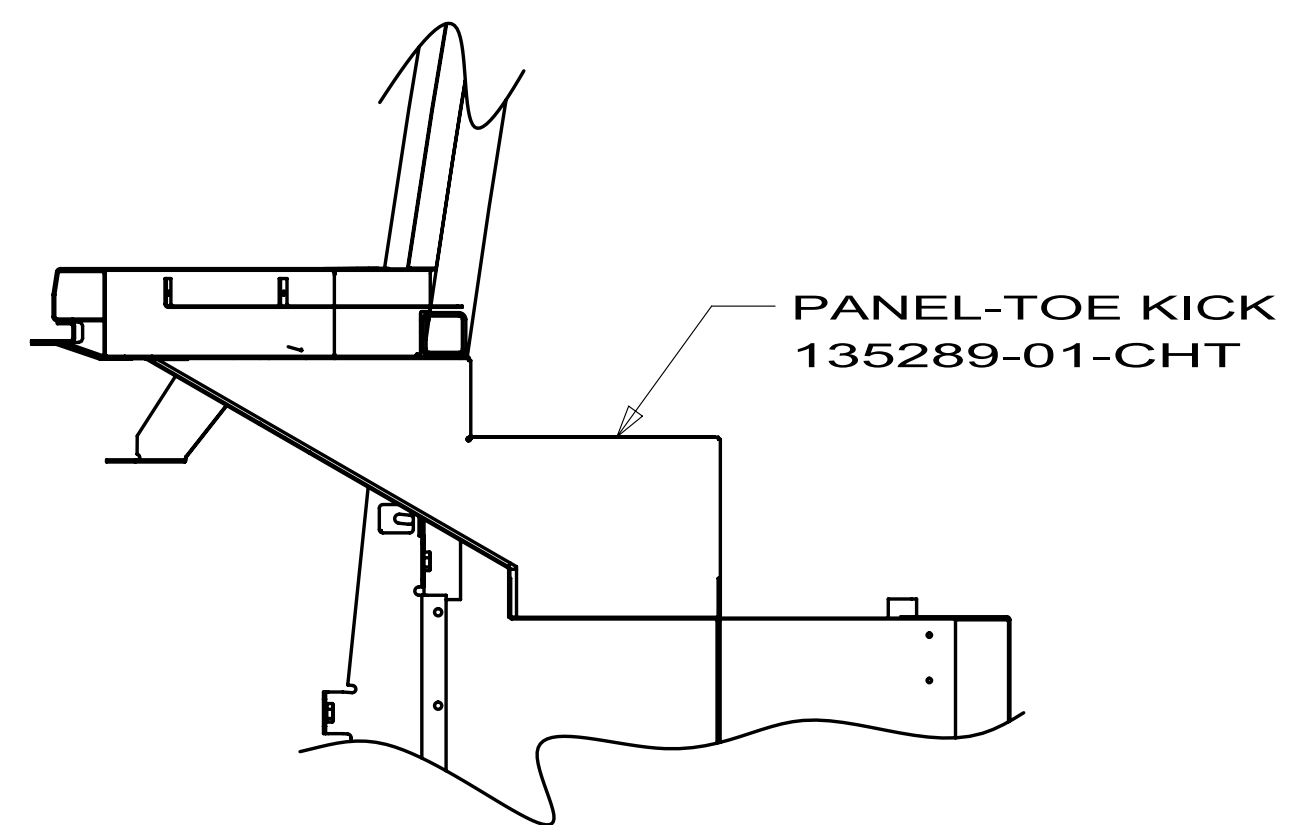
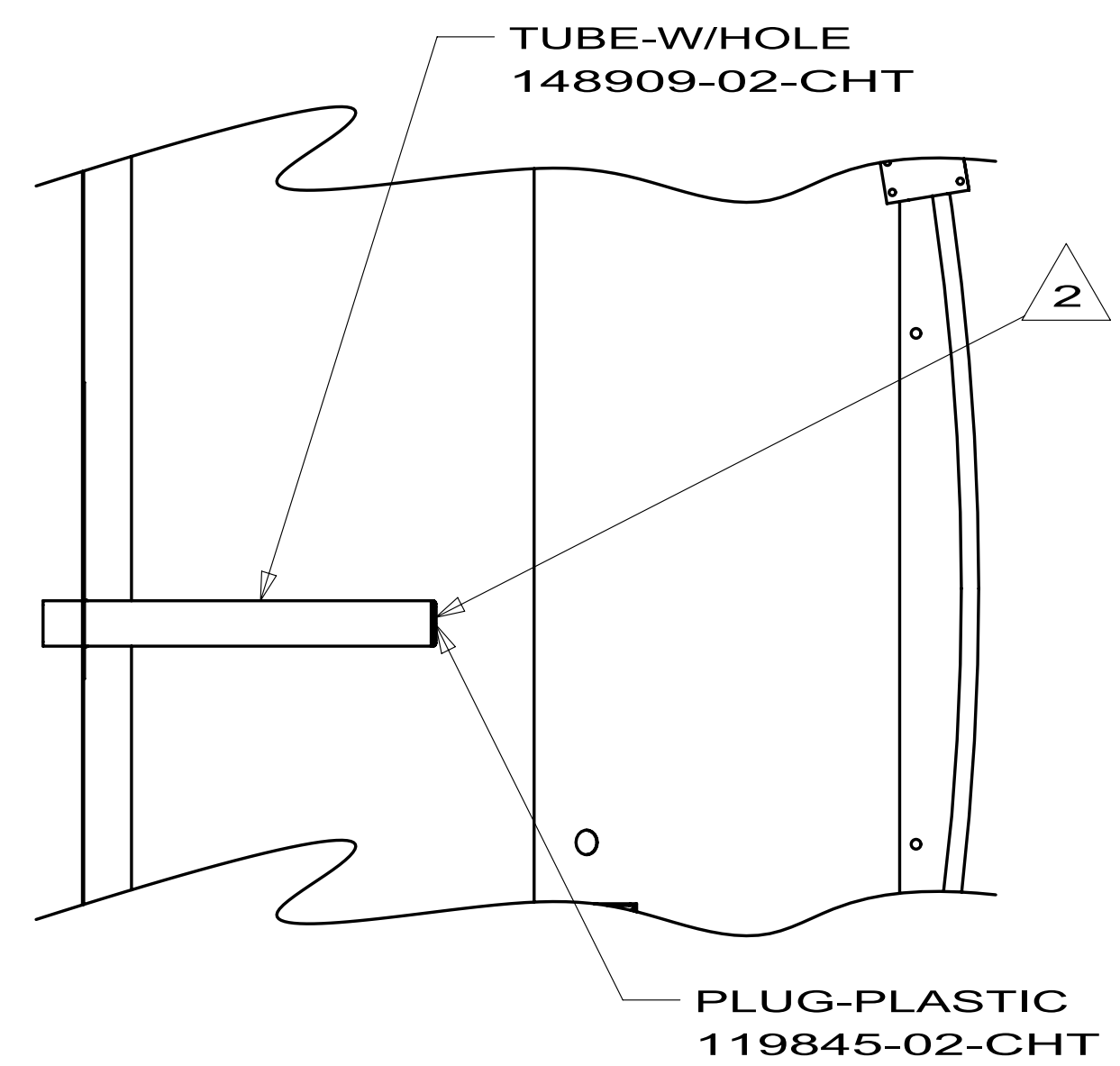
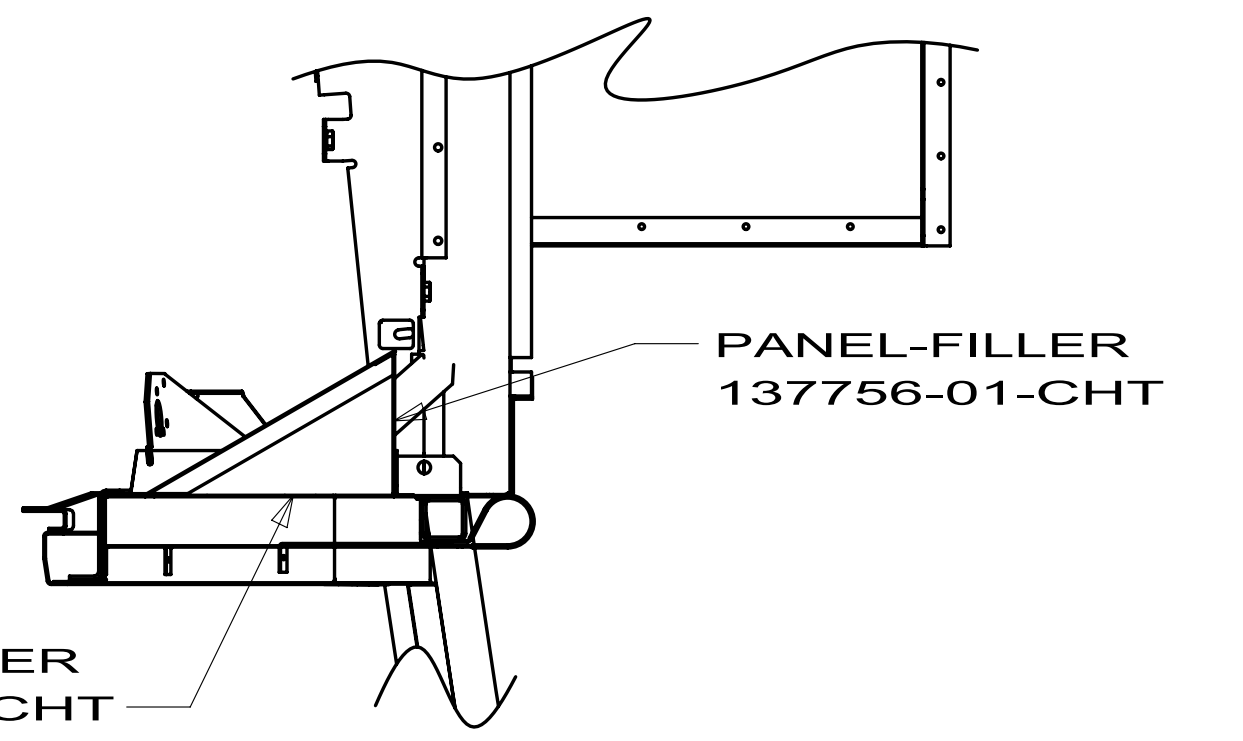
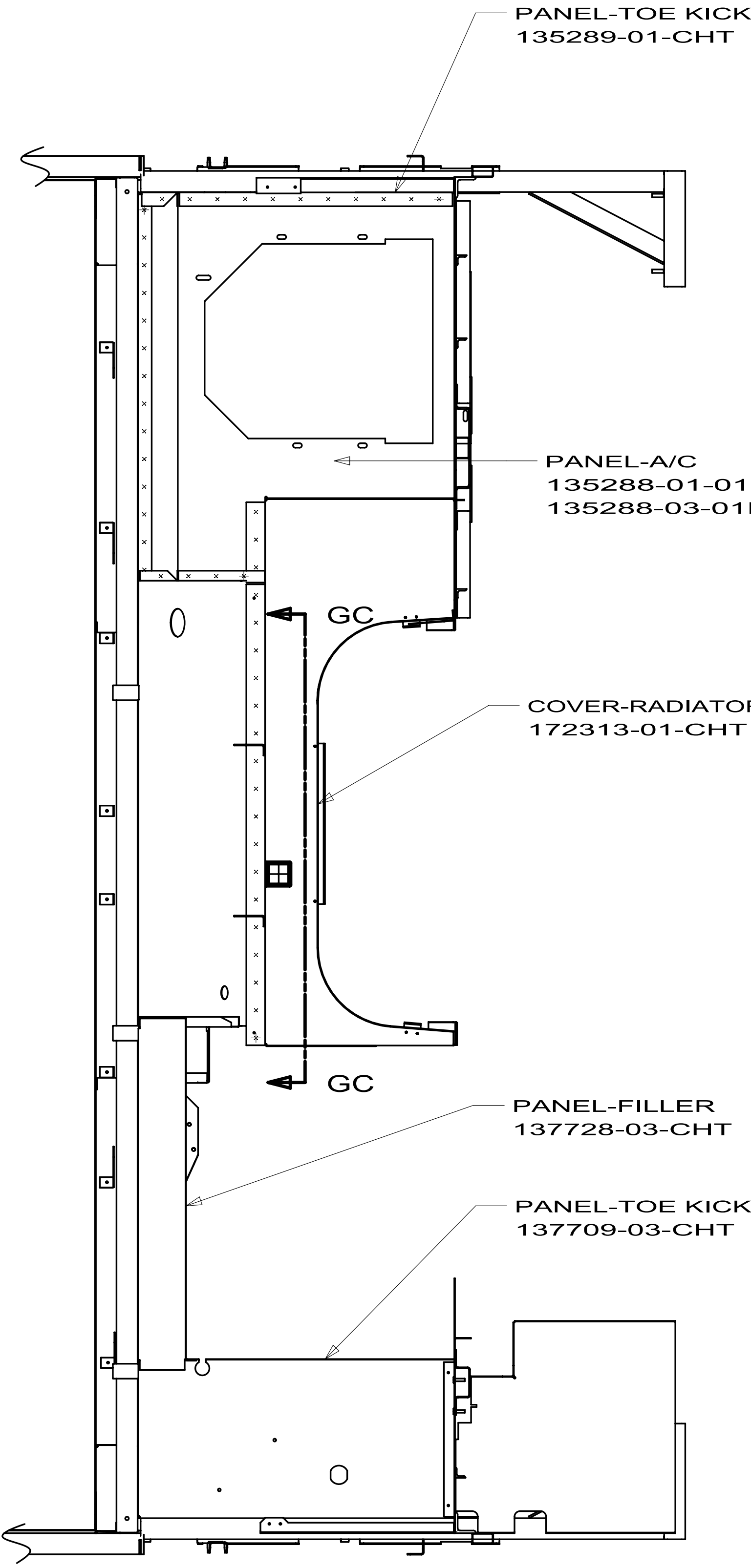
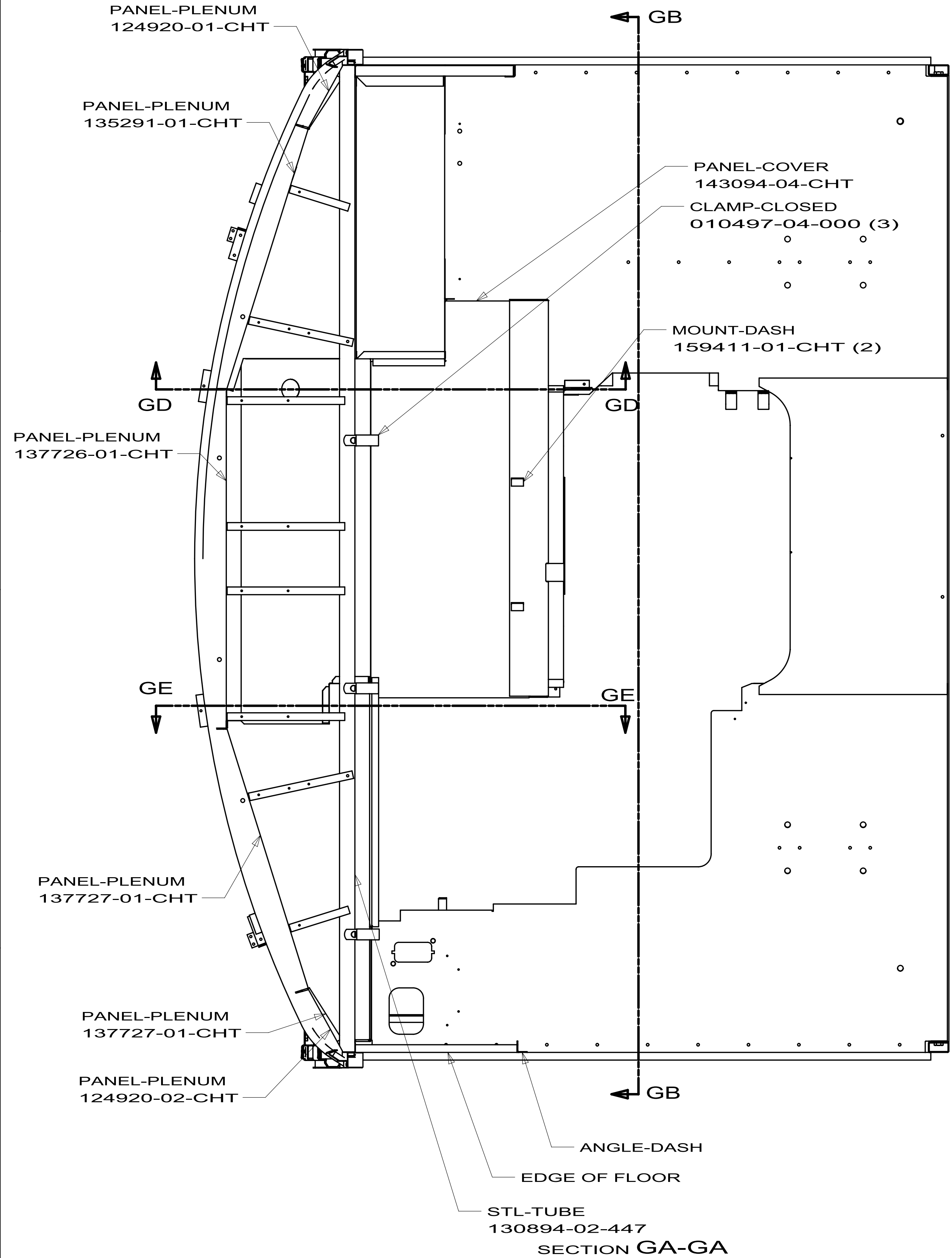


SECTION FC-FC

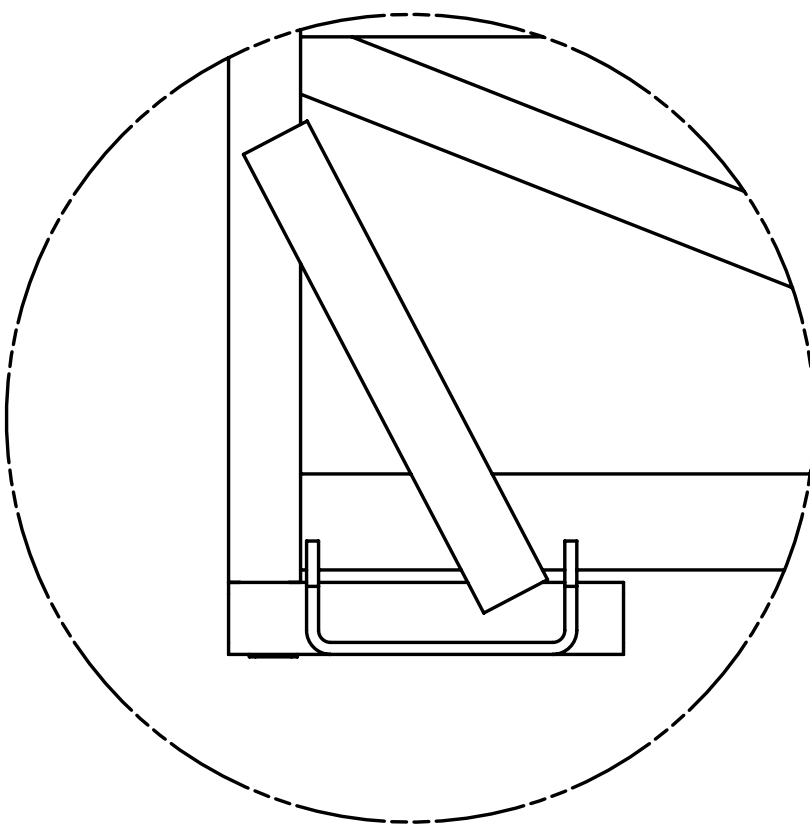


SECTION FB-FB

FIRST USED			10 D-SERIES		
			DO NOT SCALE DRAWING		
TITLE:			FRONT END ASM		
SHEET 6		PART NO 173007		REV	



FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 7	PART NO 173007	REV



DETAIL AA

ANGLE-A PILLAR
166365-01-CHT(4)

GUSSET ASM-WINDSHIELD,SUPT,RH
164429-02-CHT

SUPPORT-WIPER,RH
158946-01-CHT

DETAIL AA

MOUNT-BODY,UPPER
165300-01-CHT (2)

5. SEAL W/SEALANT 110744-03-000
AFTER E-COAT.

4. HOLES MUST ALIGN TO ALLOW
FREE PASSAGE OF A #10 SCREW.

3. 7/16 DIA HOLE MUST LINE UP
WITH HOLE IN B-PILLAR.

2. CLEAN AND FINISH SURFACE PER ES0051, CLASS xxxx.

1. REMOVE OLD BUSHING AND SCREW 165300-01-000.

PANEL-A/C HEATER,SUPPORT
135288-03-CHT(AFTER 02-03-10)

STRAP-SUPPORT
125201-05-CHT (2)

TOP OF CHASSIS RAIL

DATUM

CENTERLINE
OF VEHICLE

SUPPORT ASM-TV
143632-07-CHT 2

BRACKET-ROOF CAP
124454-01-CHT (7)

CHANNEL-SUPPORT,FRONT END
117462-05-CHT(2)

BRACKET ASM-WIPER MOTOR
160712-05-CHT

ANGLE-FORMED
126289-65-CHT(2)

GUSSET ASM-WINDSHIELD,SUPT,LH
164429-01-CHT

SUPPORT-WIPER,LH
158946-02-CHT

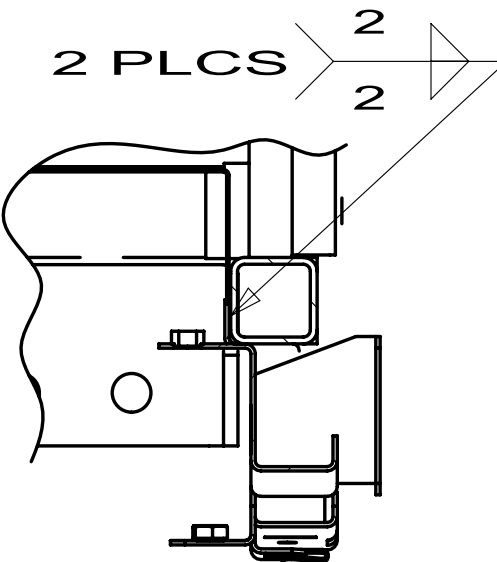
DATUM

STL-TUBE
130894-00-945 (2)

STL-ANGLE
130922-00-274 (2)

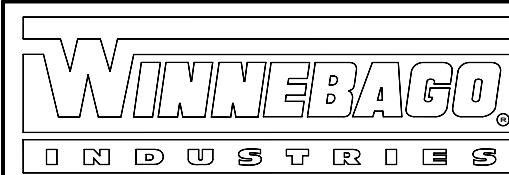
TUBE-SUPPORT
138785-02-CHT (2)

SHIELD-SPLASH
118592-01-CHT



SECTION AB-AB

WORKHORSE



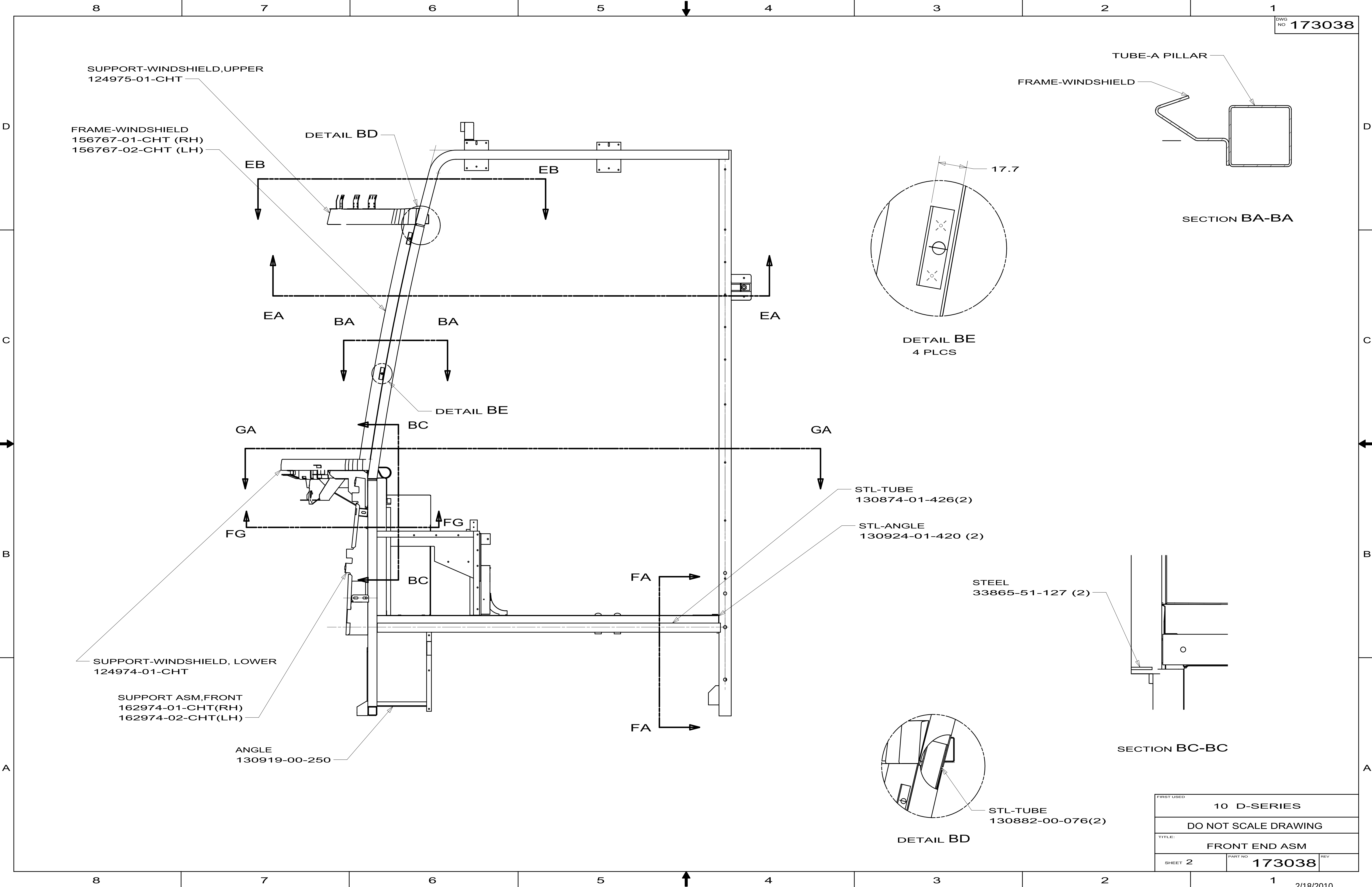
COPYRIGHT 2010
WINNEBAGO
INDUSTRIES, INC.

DFTR	ORIG. DATE
CHRR	
P.E.	ALL DIMENSIONS ARE IN MILLIMETERS
M.E.	FIRST USED
DSNR	10 D-SERIES
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°
THIRD ANGLE PROJECTION	WEIGHT: 370.8 LBS

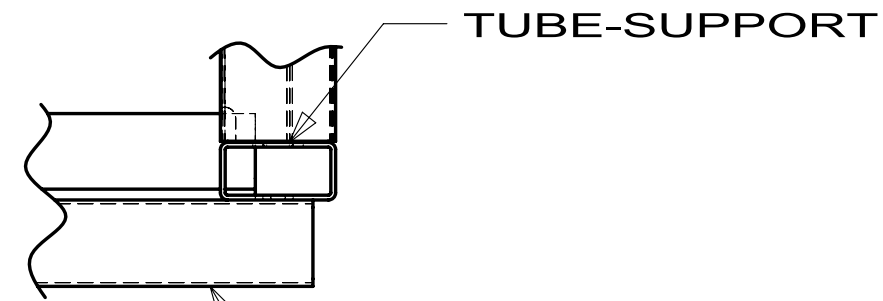
DO NOT SCALE DRAWING

TITLE:		FRONT END ASM	
SHEET 1 OF 7	PART NO	173038	REV

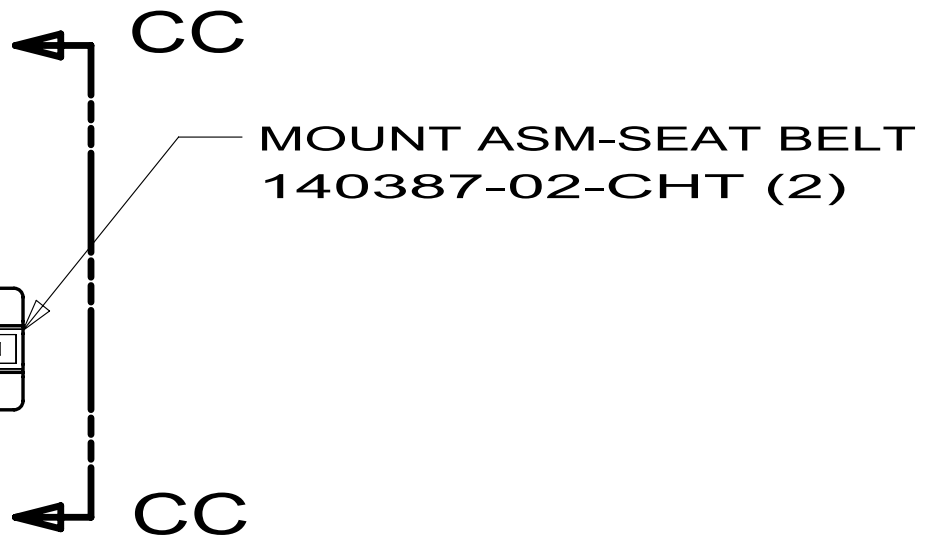
SEE CHART
FOR COLOR VARIATIONS
OF THIS PART



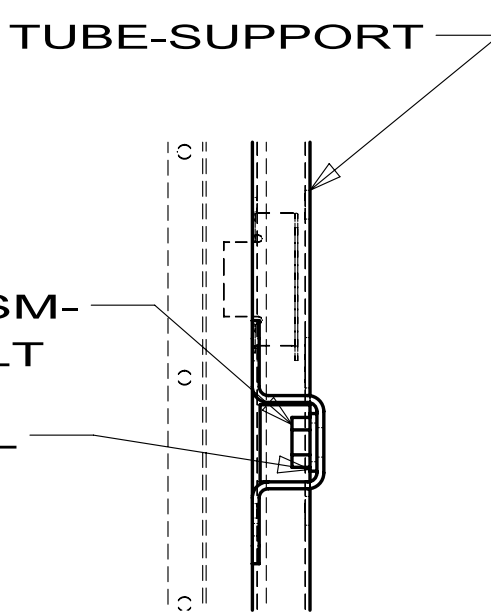
FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 2	PART NO	REV
	173038	



VIEW CD-CD
2 PLCS



VIEW CC-CC
2 PLCS



SECTION CA-CA

SECTION CB-CB

BOLT
000C26-05-12U

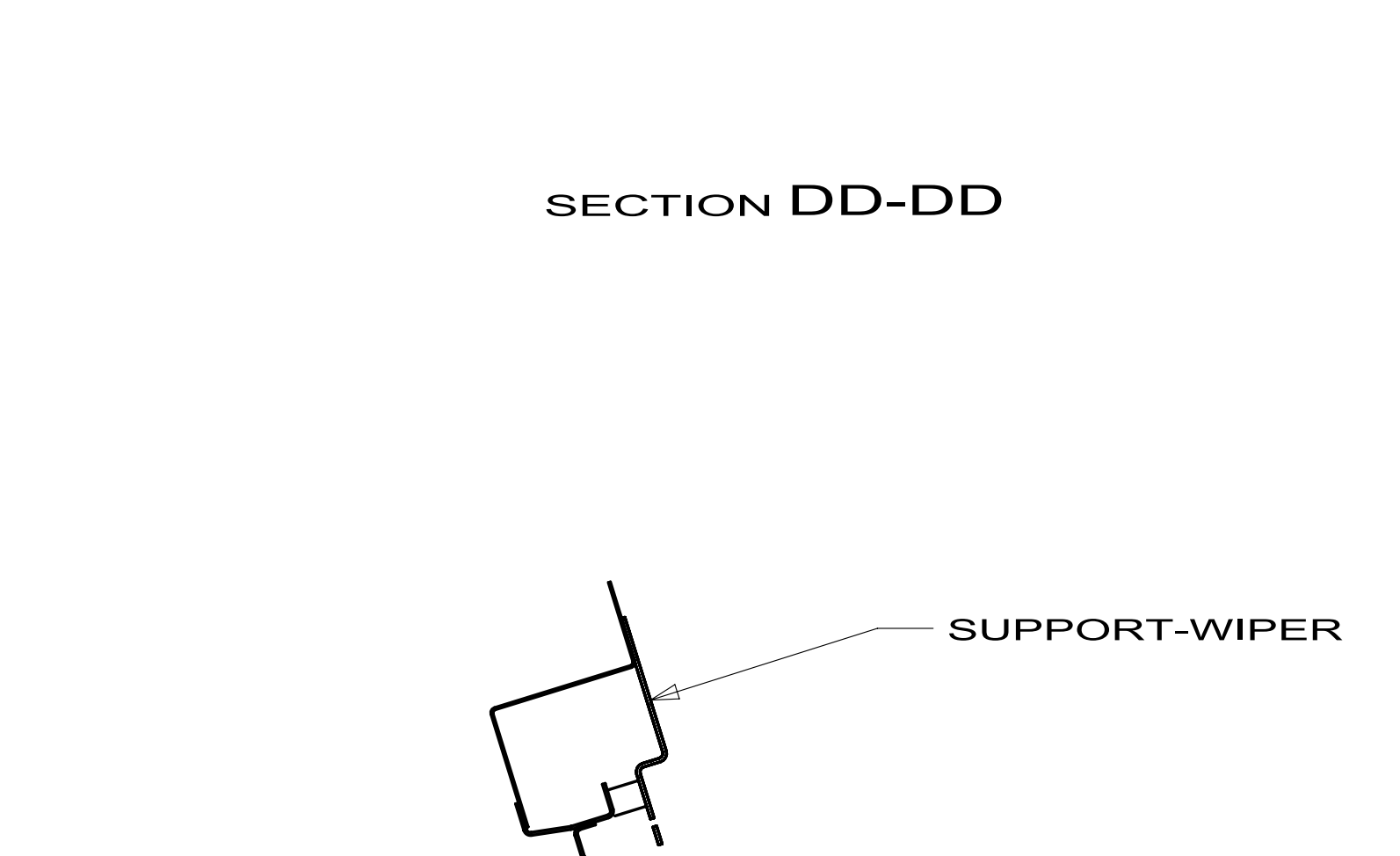
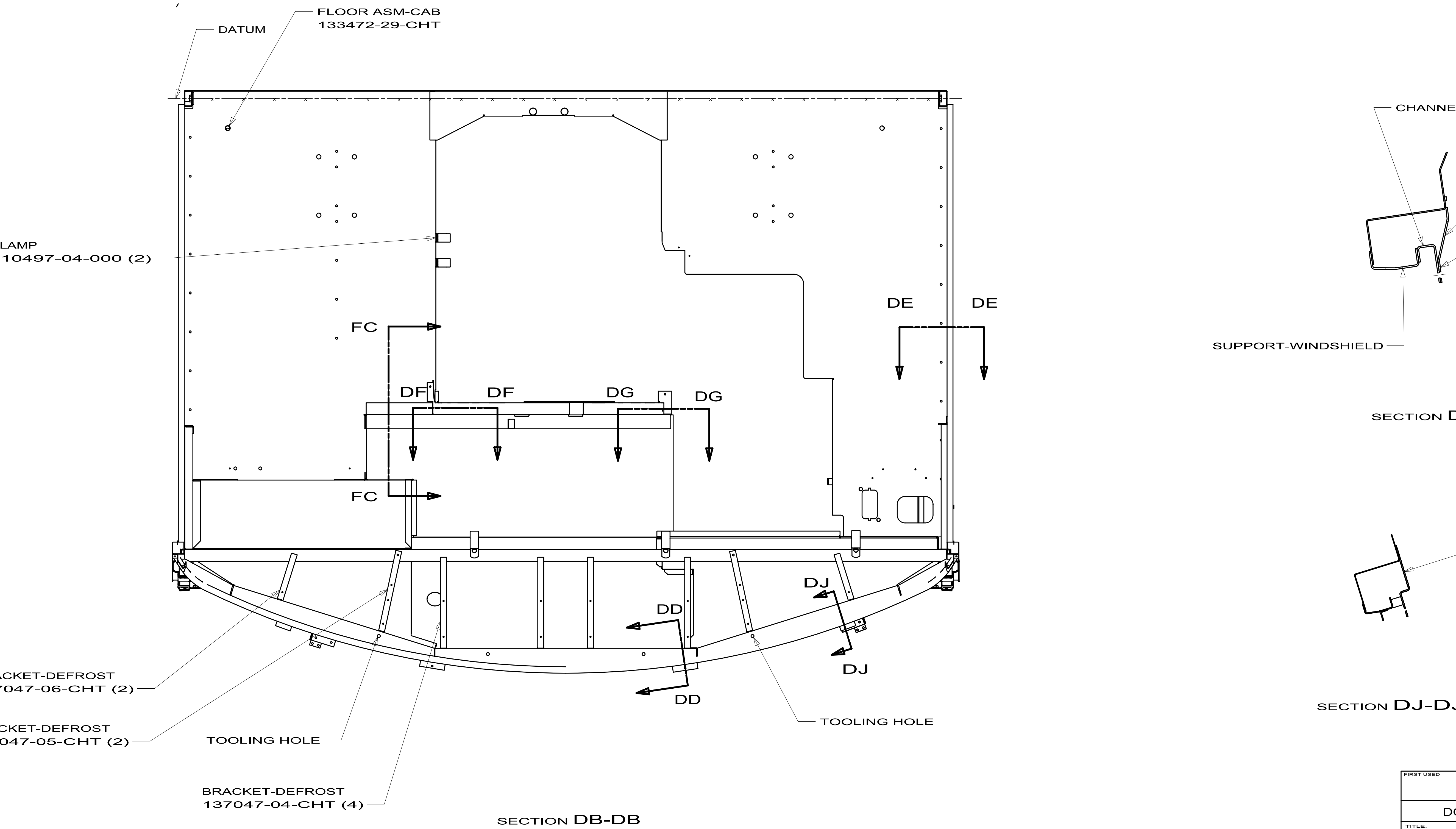
TUBE-SUPPORT
117273-05-CHT

ANGLE-DASH
150714-01-CHT

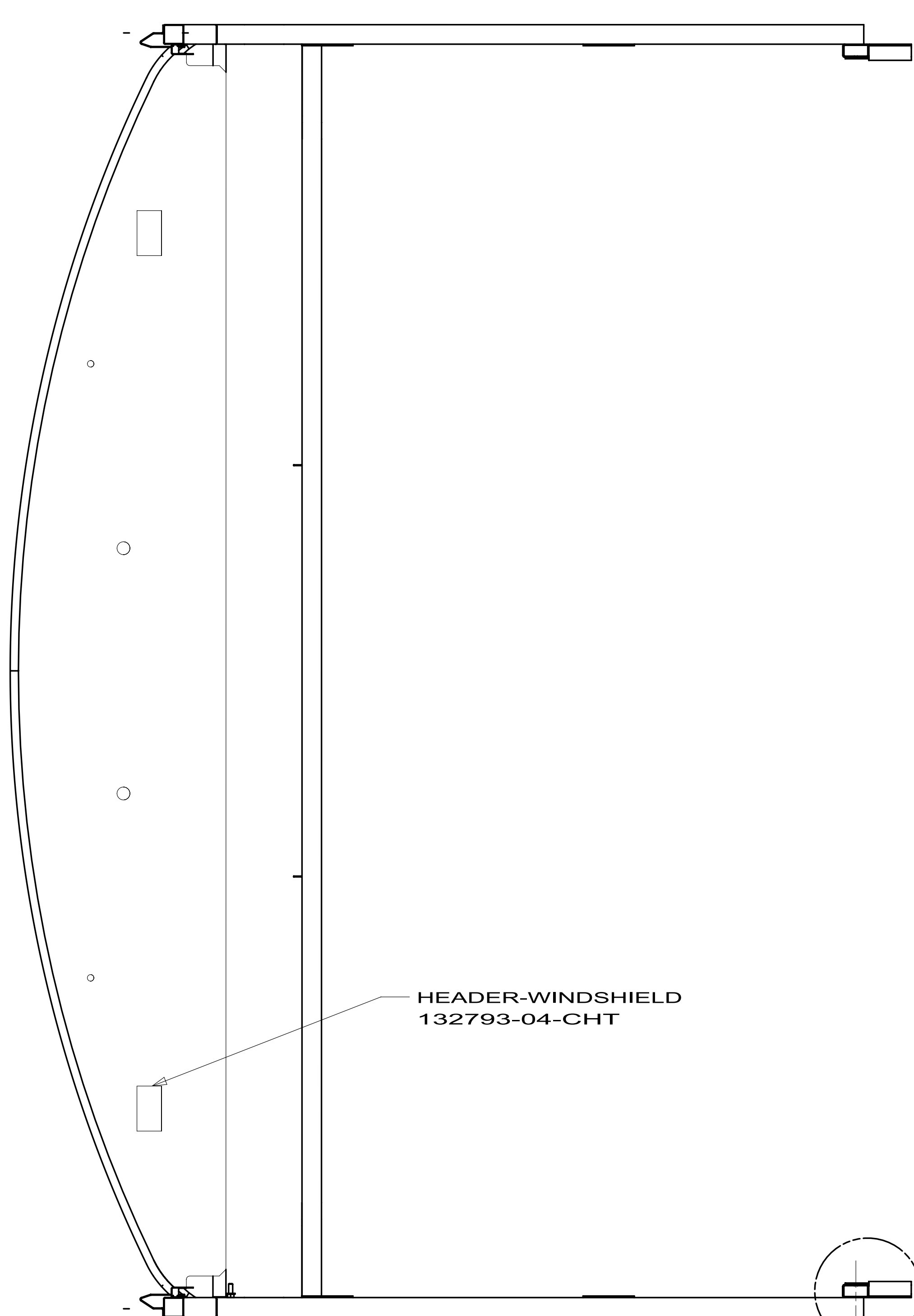
ANGLE DASH
150713-02-CHT

ANGLE

PLATE-MOUNT, SIDEWALL
139383-01-CHT(2)

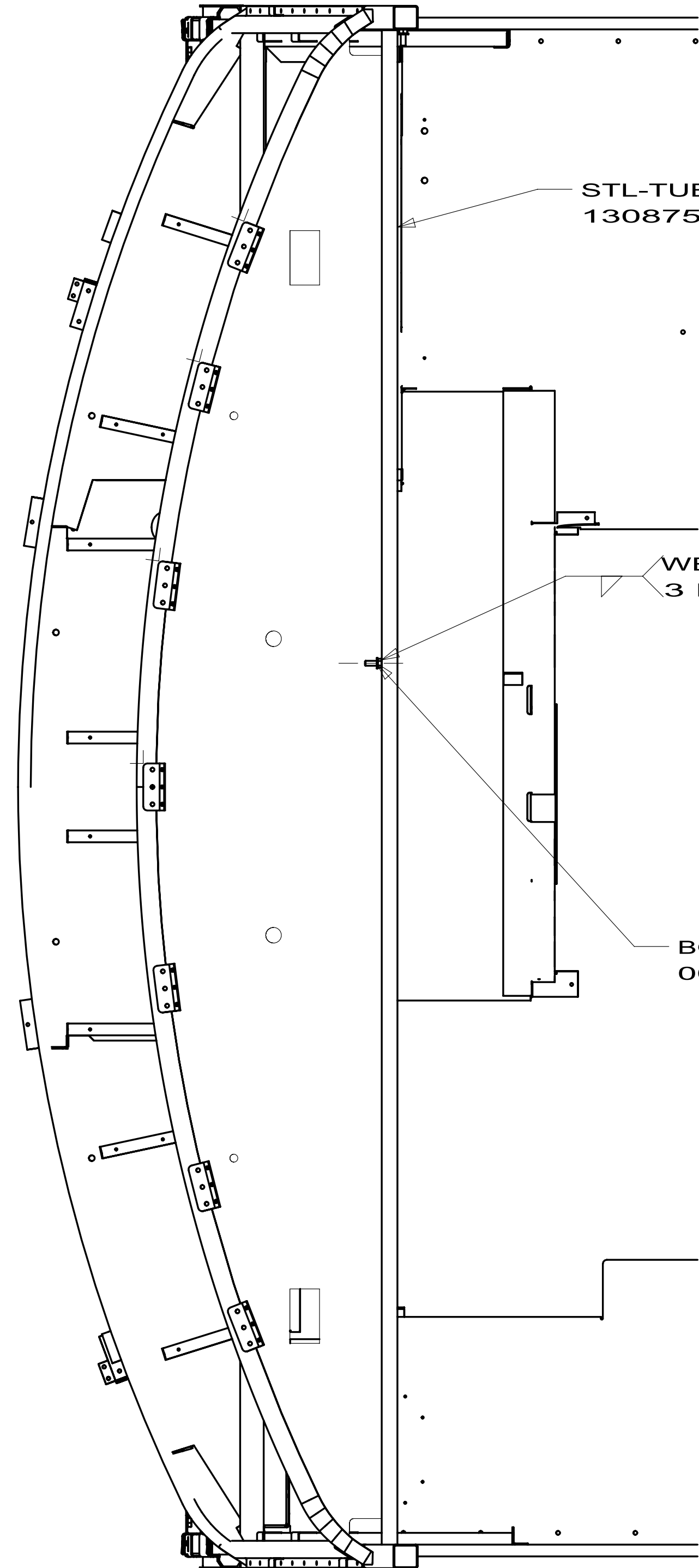


FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO	REV
	173038	

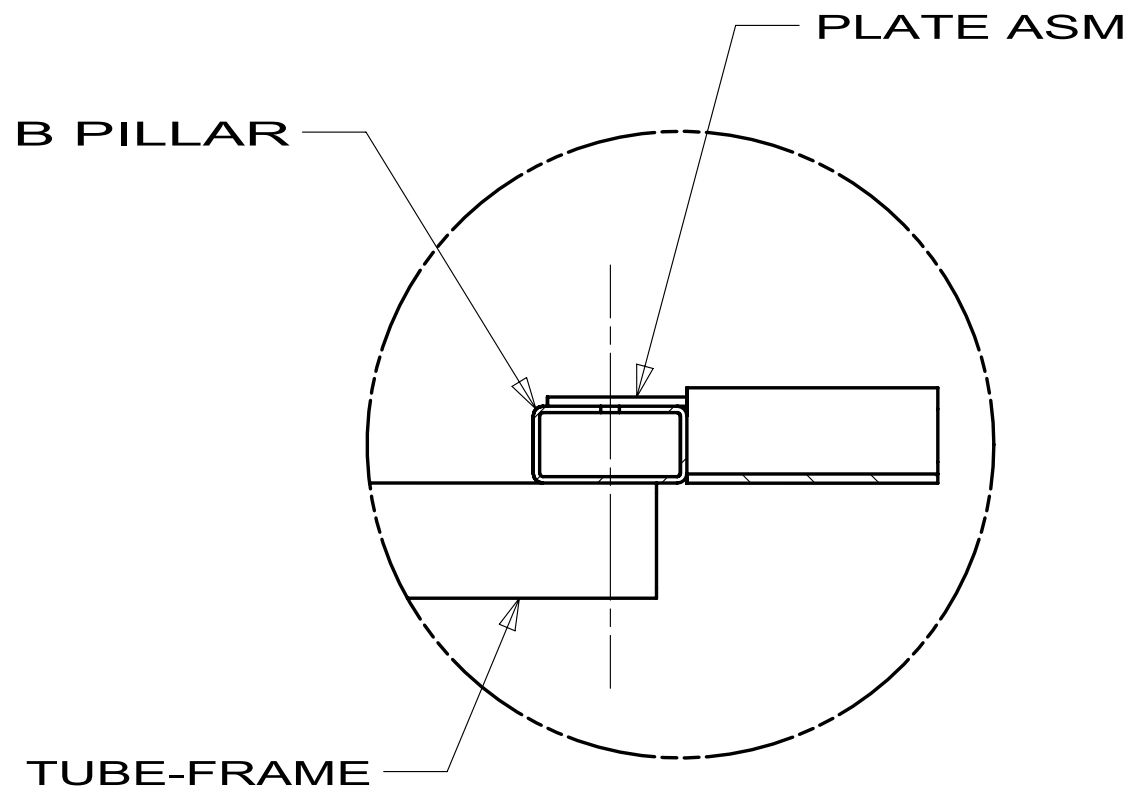


SECTION EA-EA

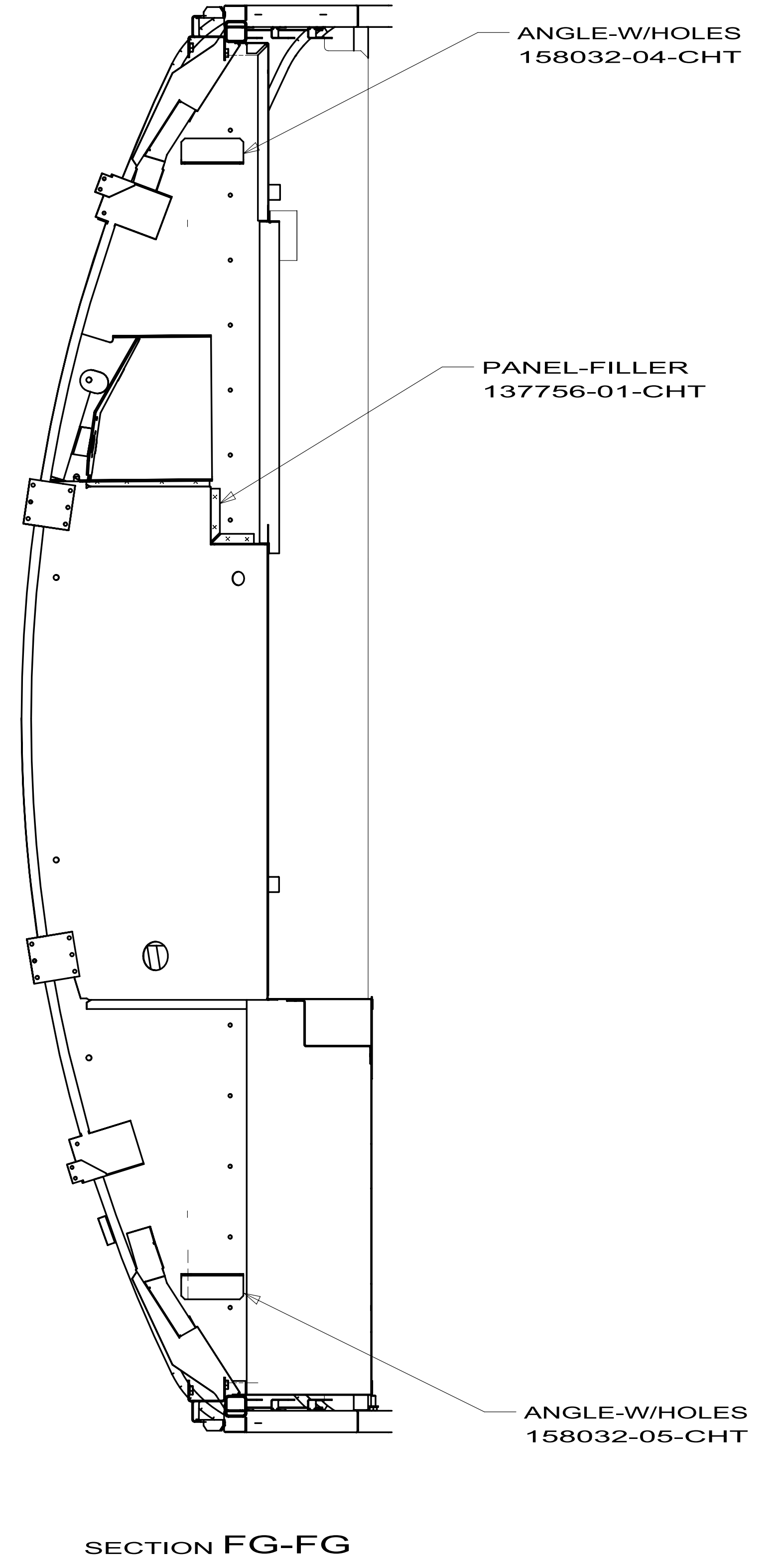
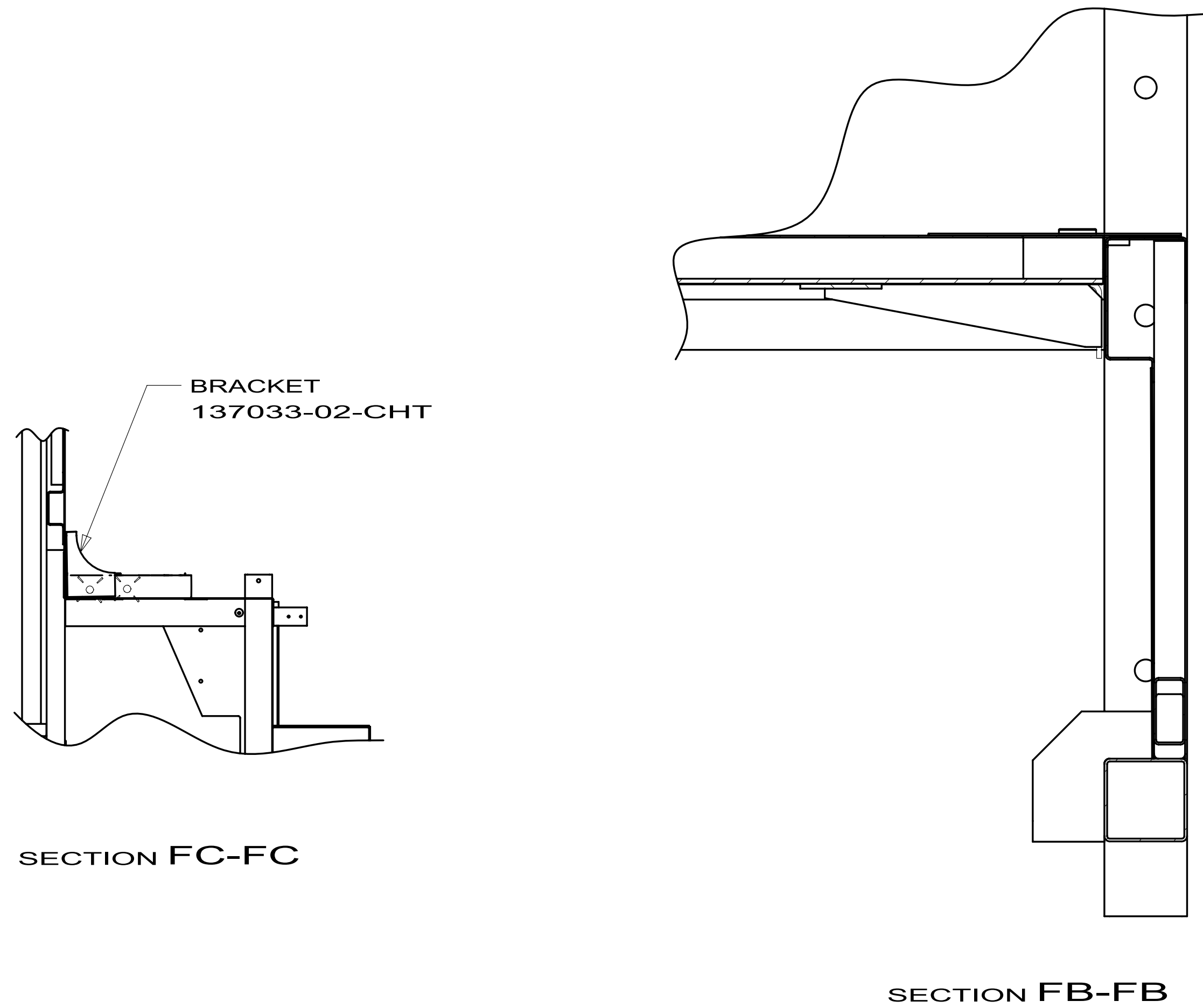
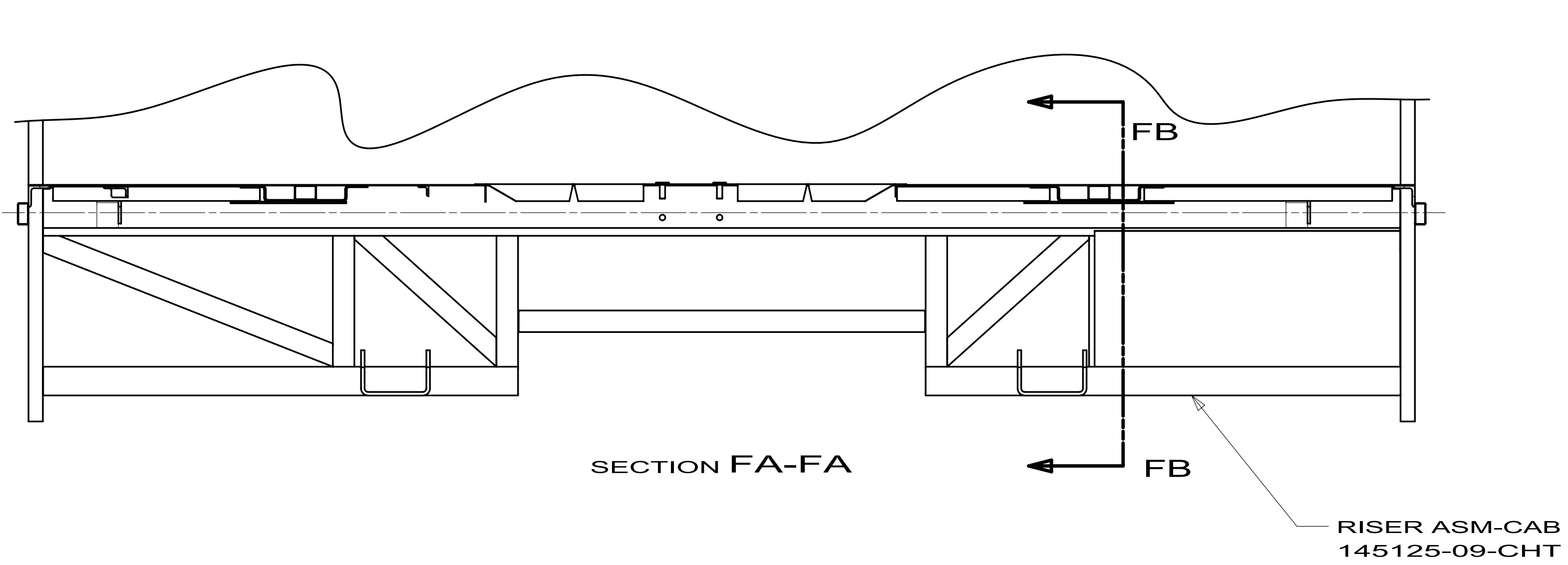
DETAIL EC



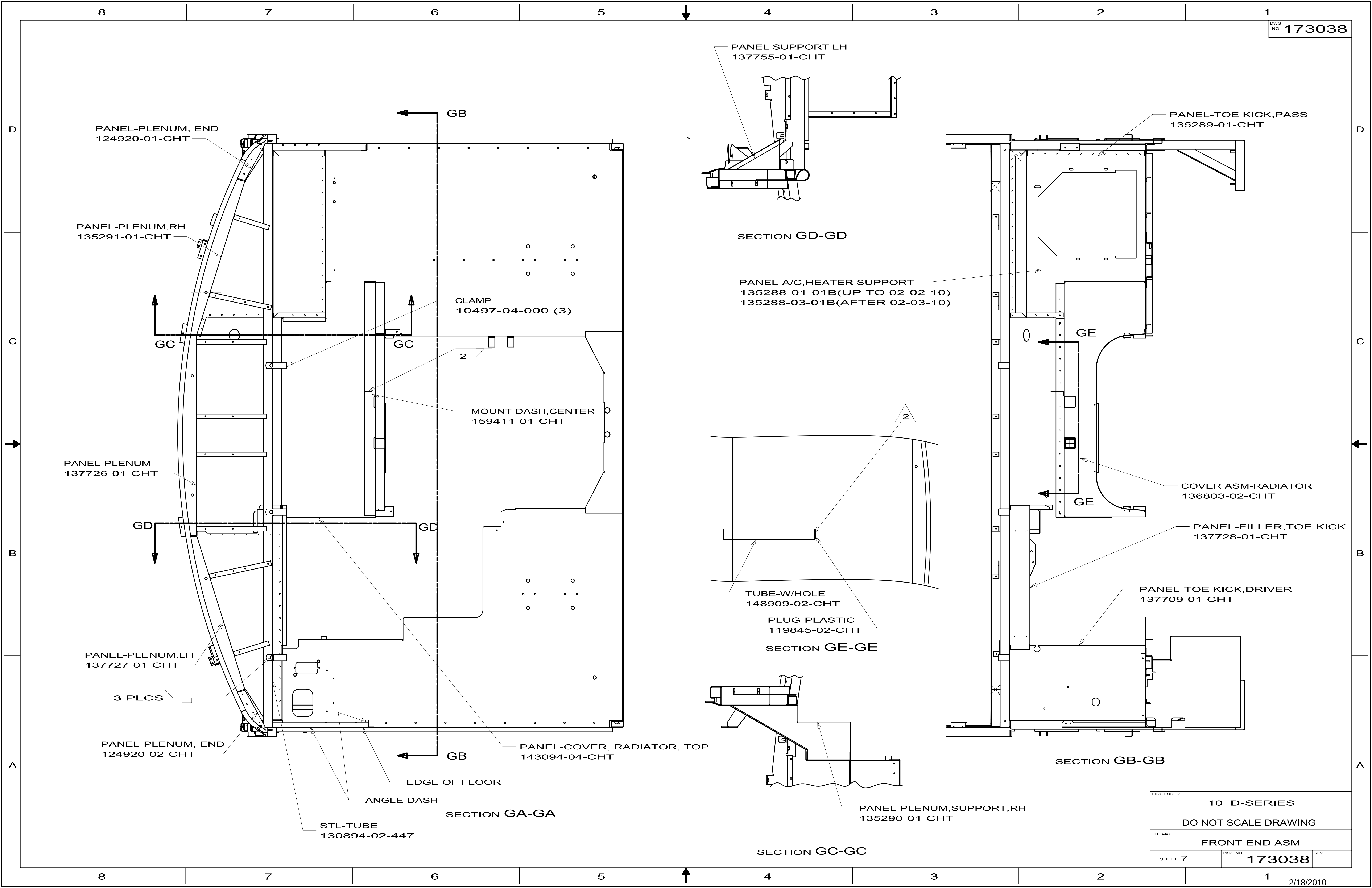
SECTION EB-EB



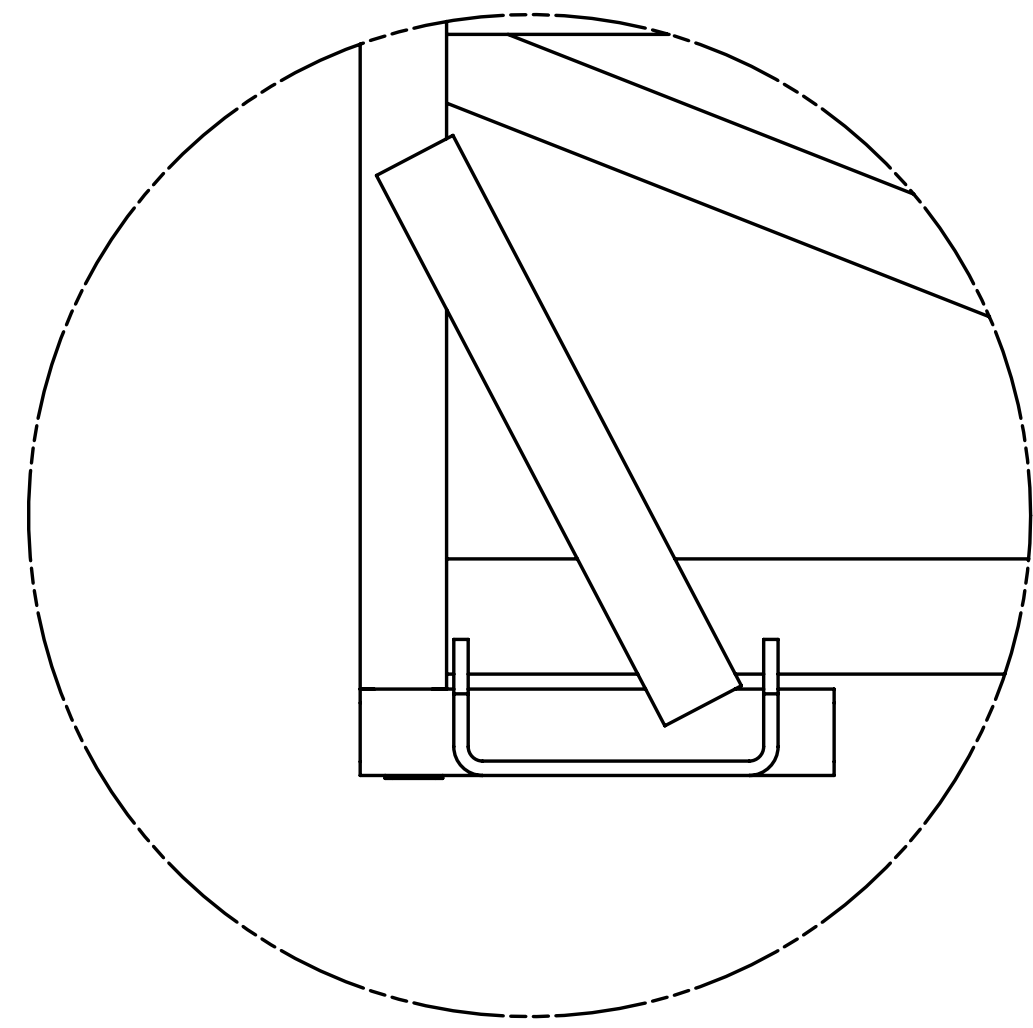
FIRST USED			10 D-SERIES		
			DO NOT SCALE DRAWING		
TITLE:			FRONT END ASM		
SHEET 5	PART NO	173038	REV		



FIRST USED		10 D-SERIES	
DO NOT SCALE DRAWING			
TITLE:		FRONT END ASM	
SHEET 6	PART NO	173038	REV

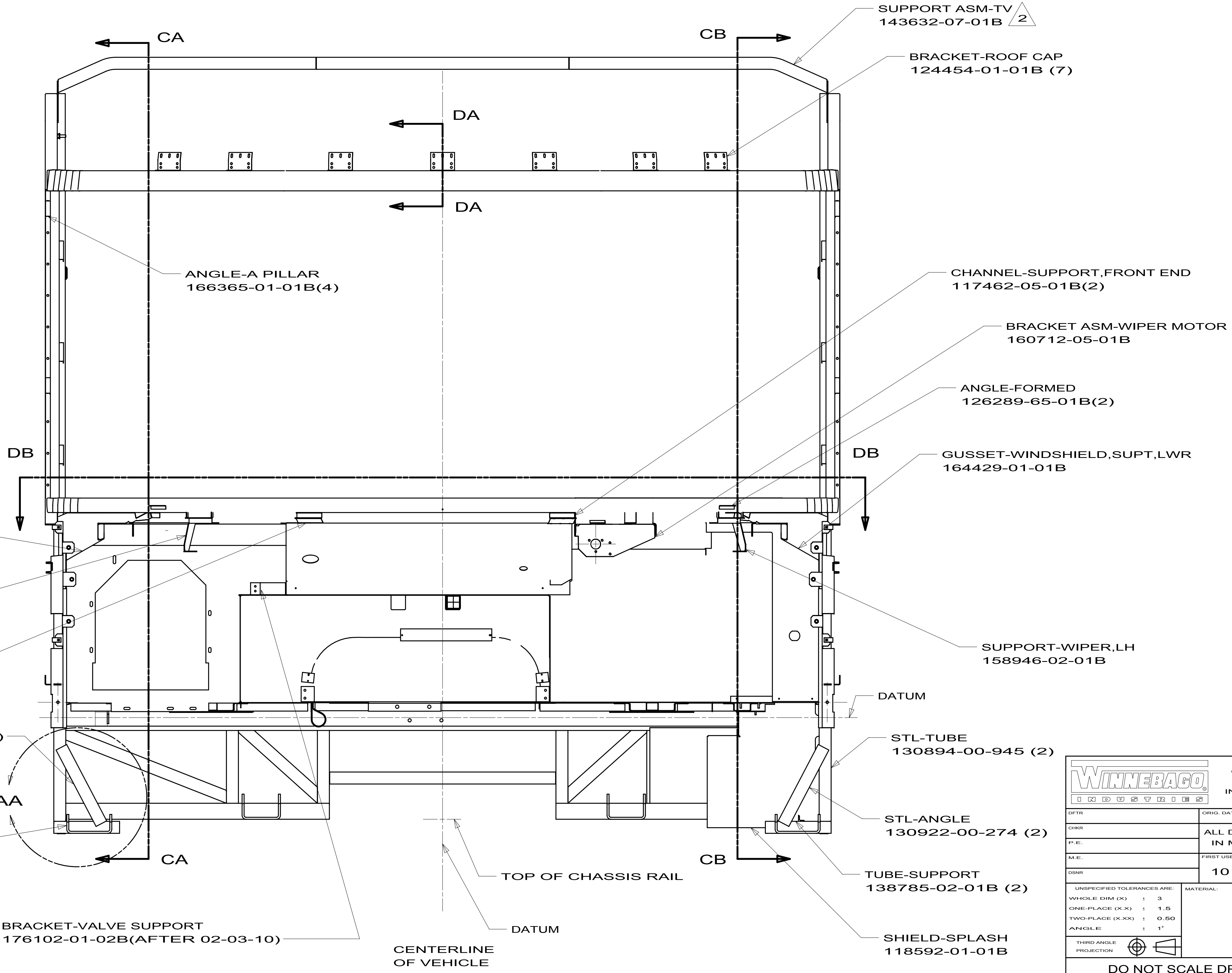


FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 7	PART NO 173038	REV



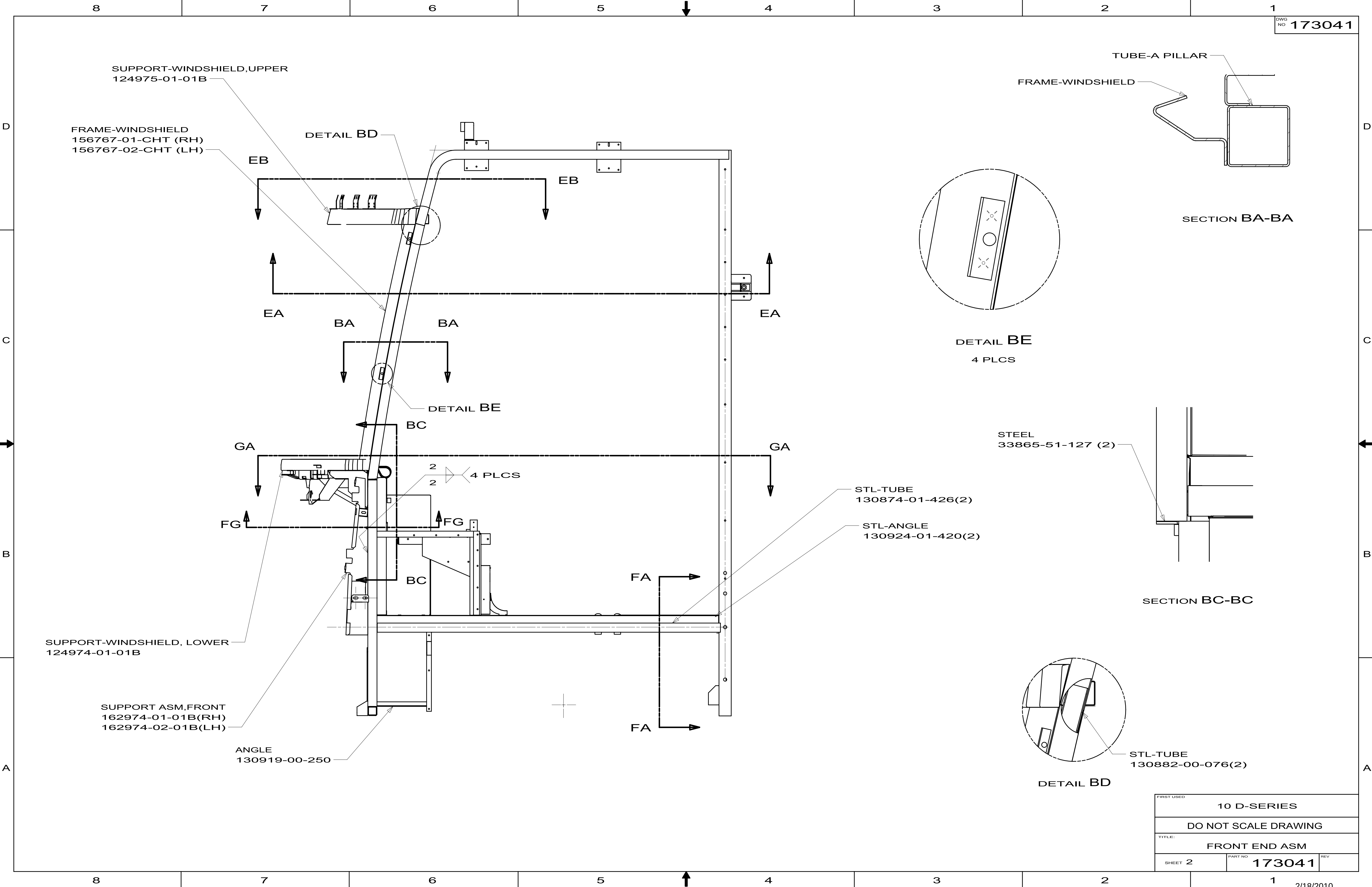
DETAIL AA

- NOTES:
1. CLEAN, E-COAT, AND SEAL CAB WITH 143201-01-000.
 2. ATTACH AFTER E-COAT.
 3. 7.13 DIA HOLE MUST LINE UP WITH HOLE IN B-PILLAR.
 4. HOLES MUST ALIGN TO ALLOW FREE PASSAGE OF A #10 SCREW.
 5. SEAL W/SEALANT 110744-C3-000 AFTER E-COAT.

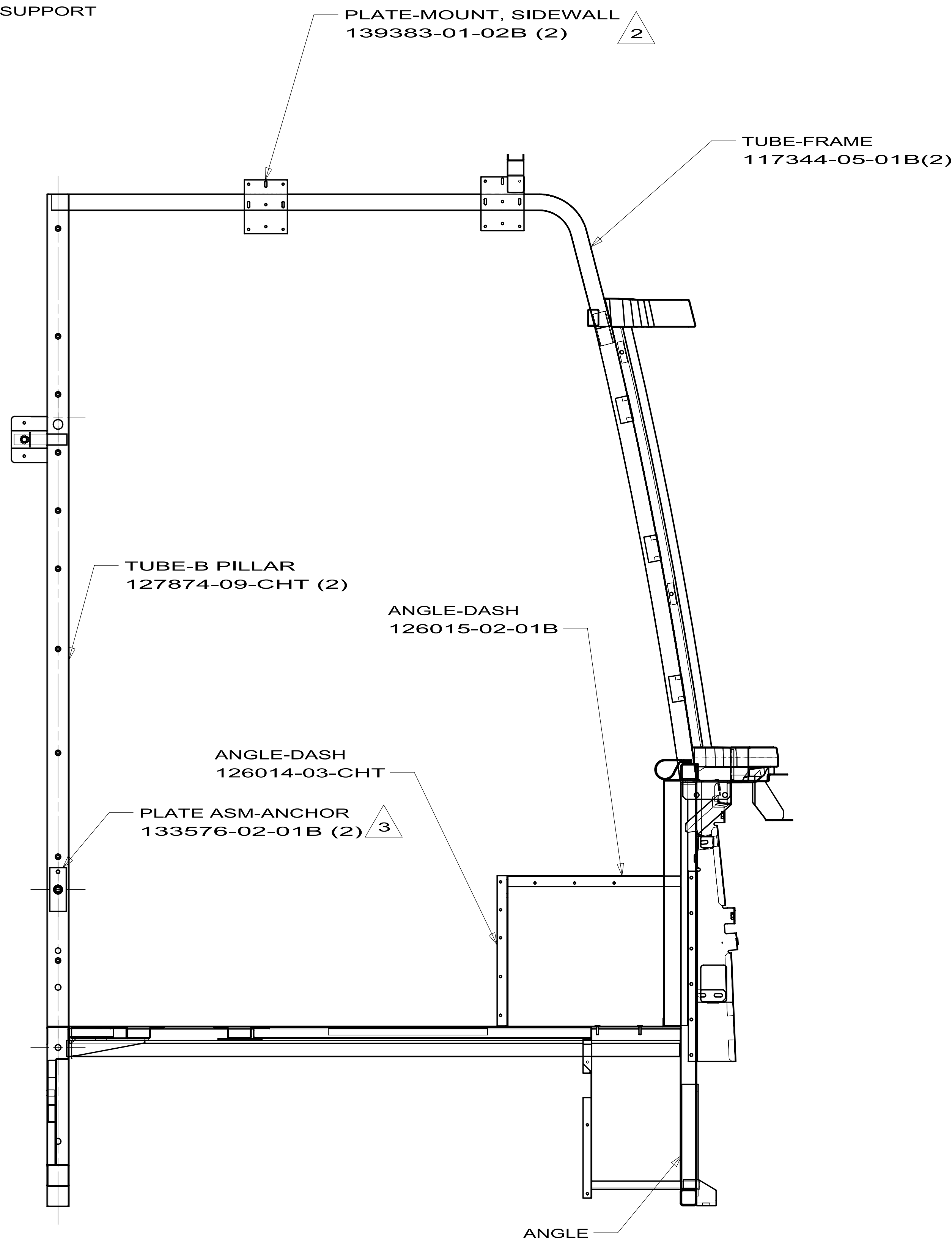
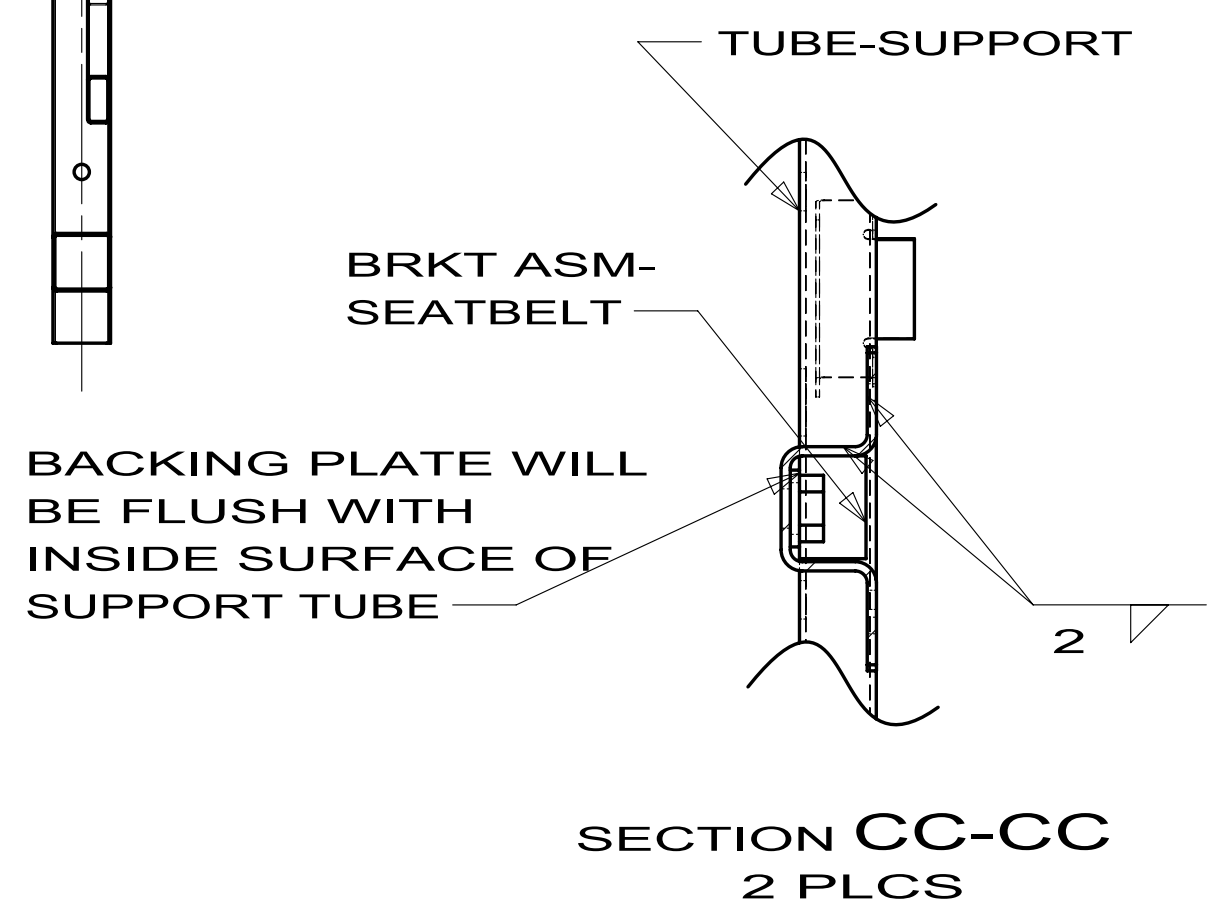
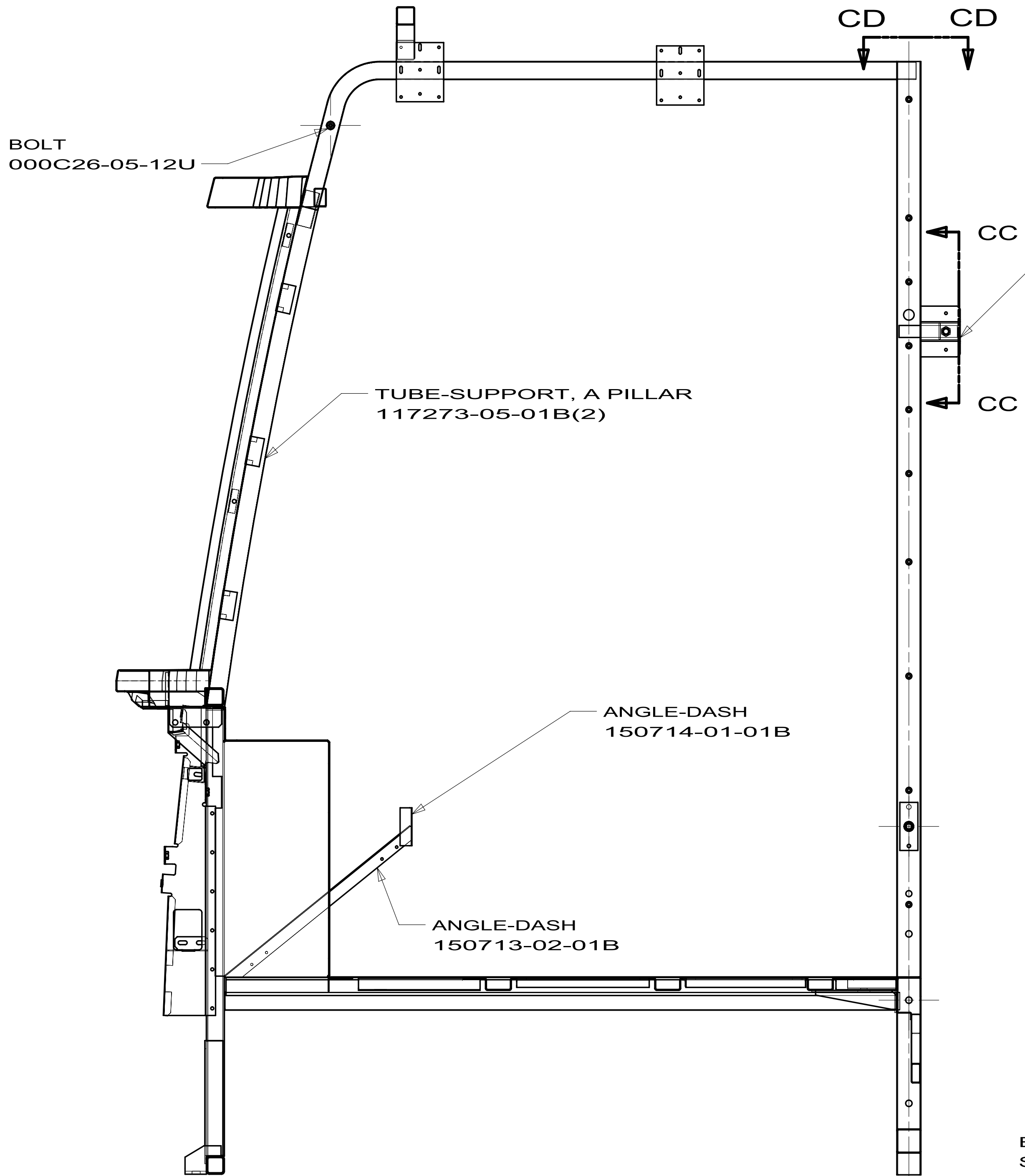
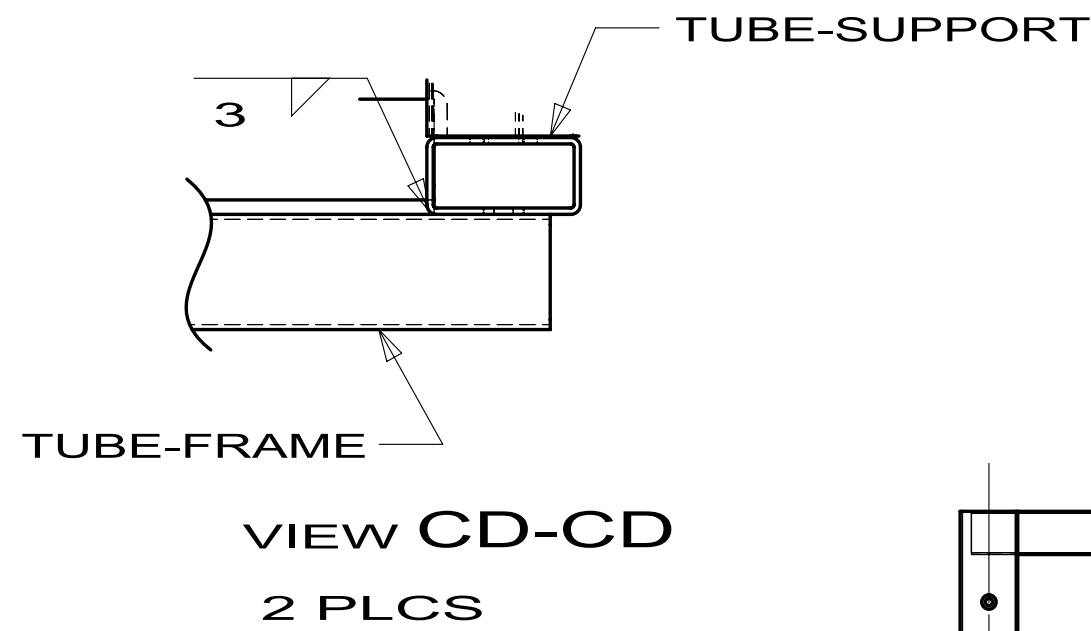


SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR		10 D-SERIES	
P.E.			
M.E.	FIRST USED		
DSNR			
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: FRONT END ASM			
SHEET 1 OF 7	PART NO	173041	REV
REF:		1	2/18/2010

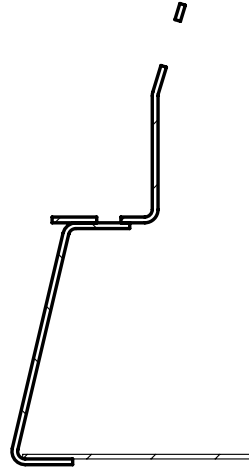


FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 2	PART NO	REV
	173041	

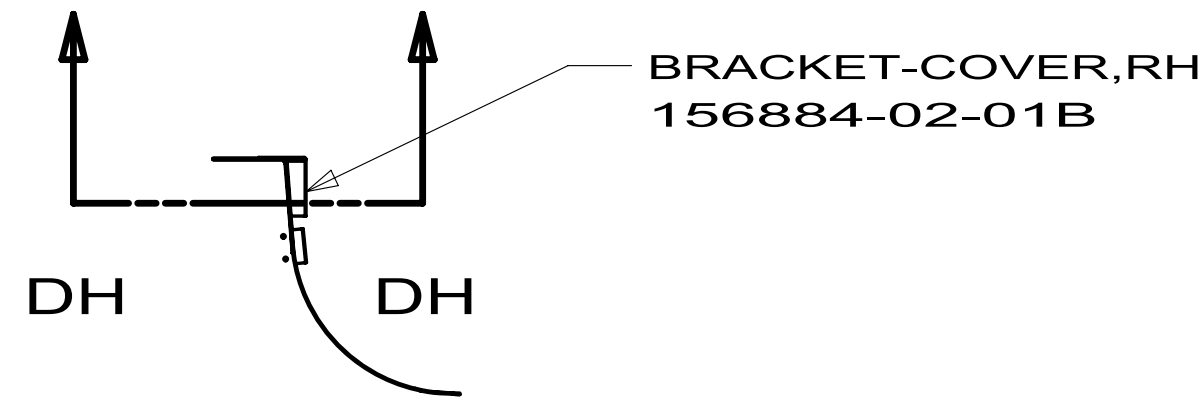


FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 3	PART NO 173041	REV

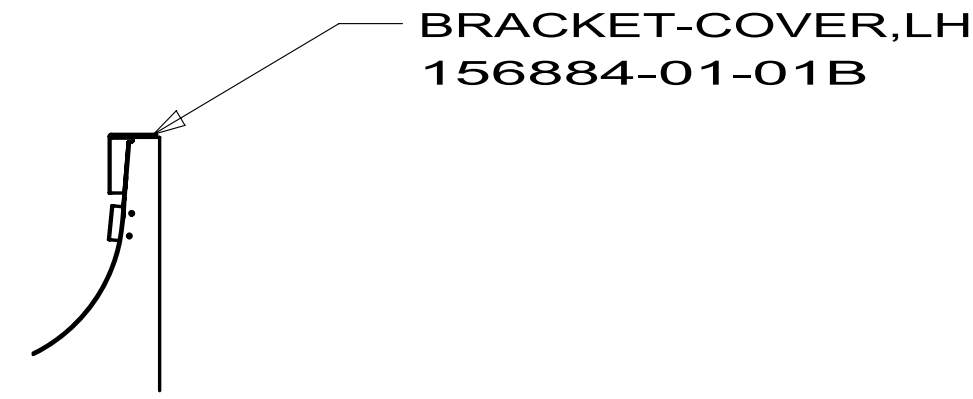
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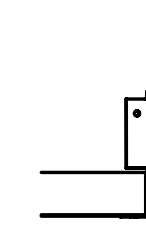
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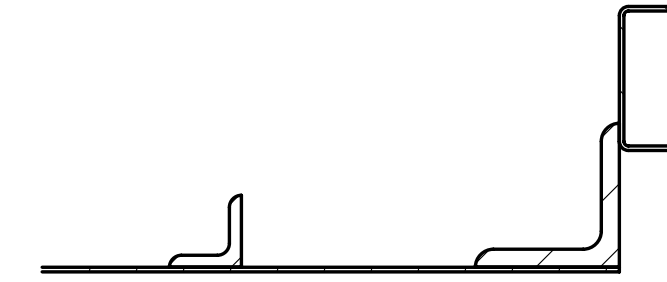
SECTION DG-DG



SECTION DH-DH



SECTION DE-DE



CLAMP
010497-04-000 (2)

DATUM
FLOOR ASM-CAB
133472-30-01B

FC

FC

DF

DF

DG

DG

DE

DE

BRACKET-DEFROST
137047-06-01B (2)

BRACKET-DEFROST
137047-05-01B (2)

TOOLING HOLE

BRACKET-DEFROST
137047-04-01B (4)

SECTION DB-DB

DC

DD

DD

DC

DC

TOOLING HOLE

CHANNEL-SUPPORT

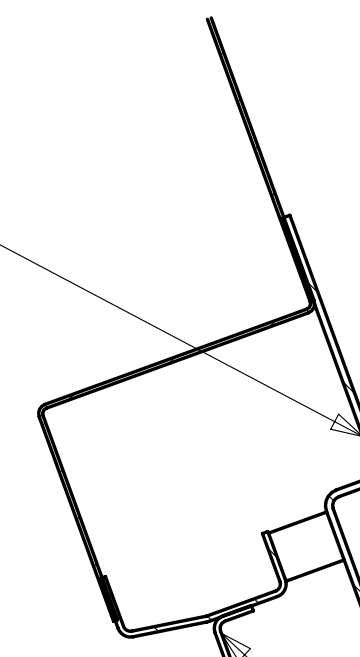
STRAP-SUPPORT

4

SUPPORT-WINDSHIELD

SECTION DD-DD

SUPPORT-WIPER



ANGLE-FORMED

SECTION DC-DC

FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO 173041	REV

8

7

6

5

4

3

2

1

DWG
NO 173041

D

C

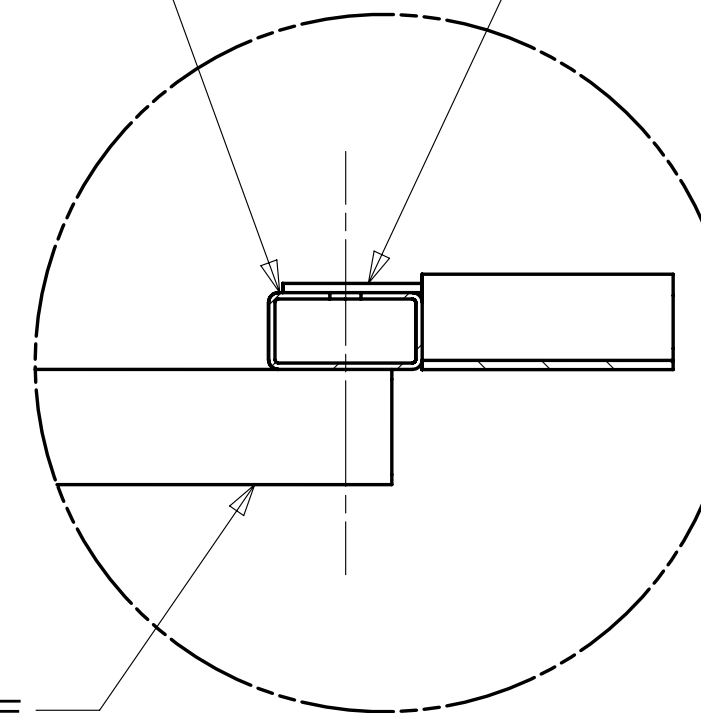
B

A

←

B PILLAR

PLATE ASM



DETAIL EC

STL-TUBE
130875-02-448BOLT
000C26-05-12U

TUBE-FRAME

SECTION EB-EB

DETAIL EC

SECTION EA-EA

HEADER-WINDSHIELD
132793-04-01B

8

7

6

5

4

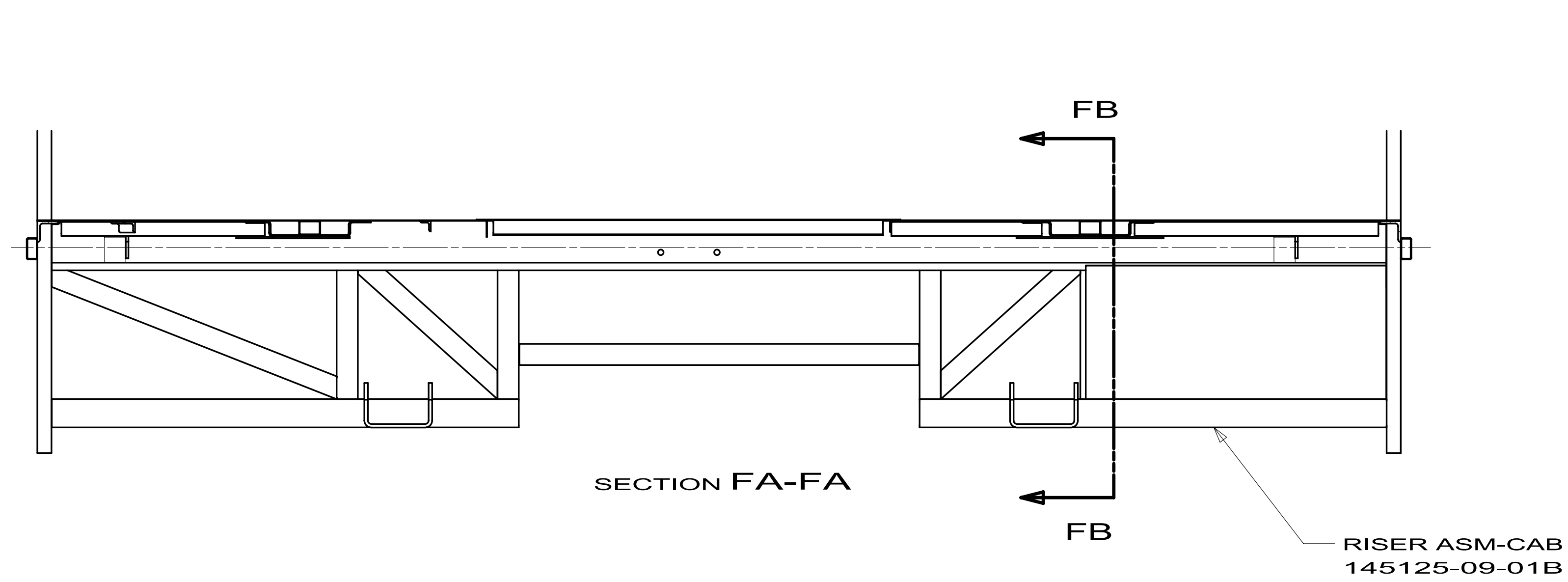
3

2

1

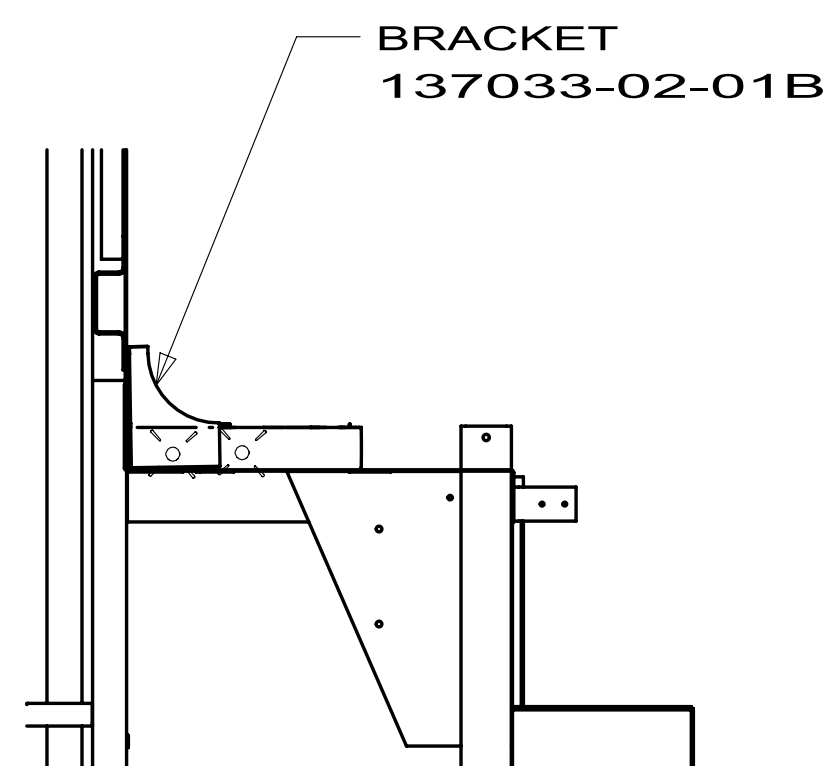
2/18/2010

FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 5	PART NO 173041	REV



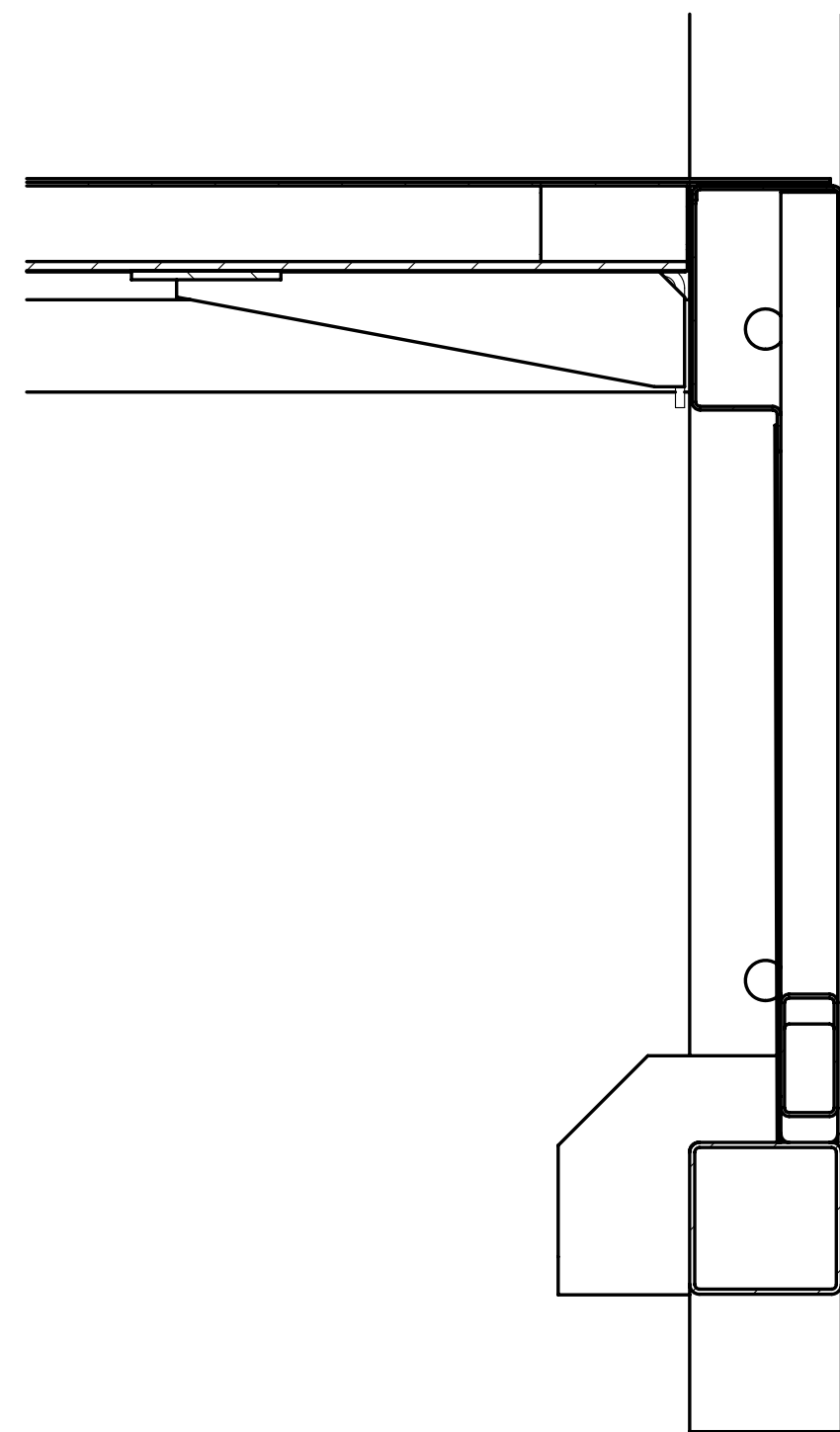
SECTION FA-FA

RISER ASM-CAB
145125-09-01B

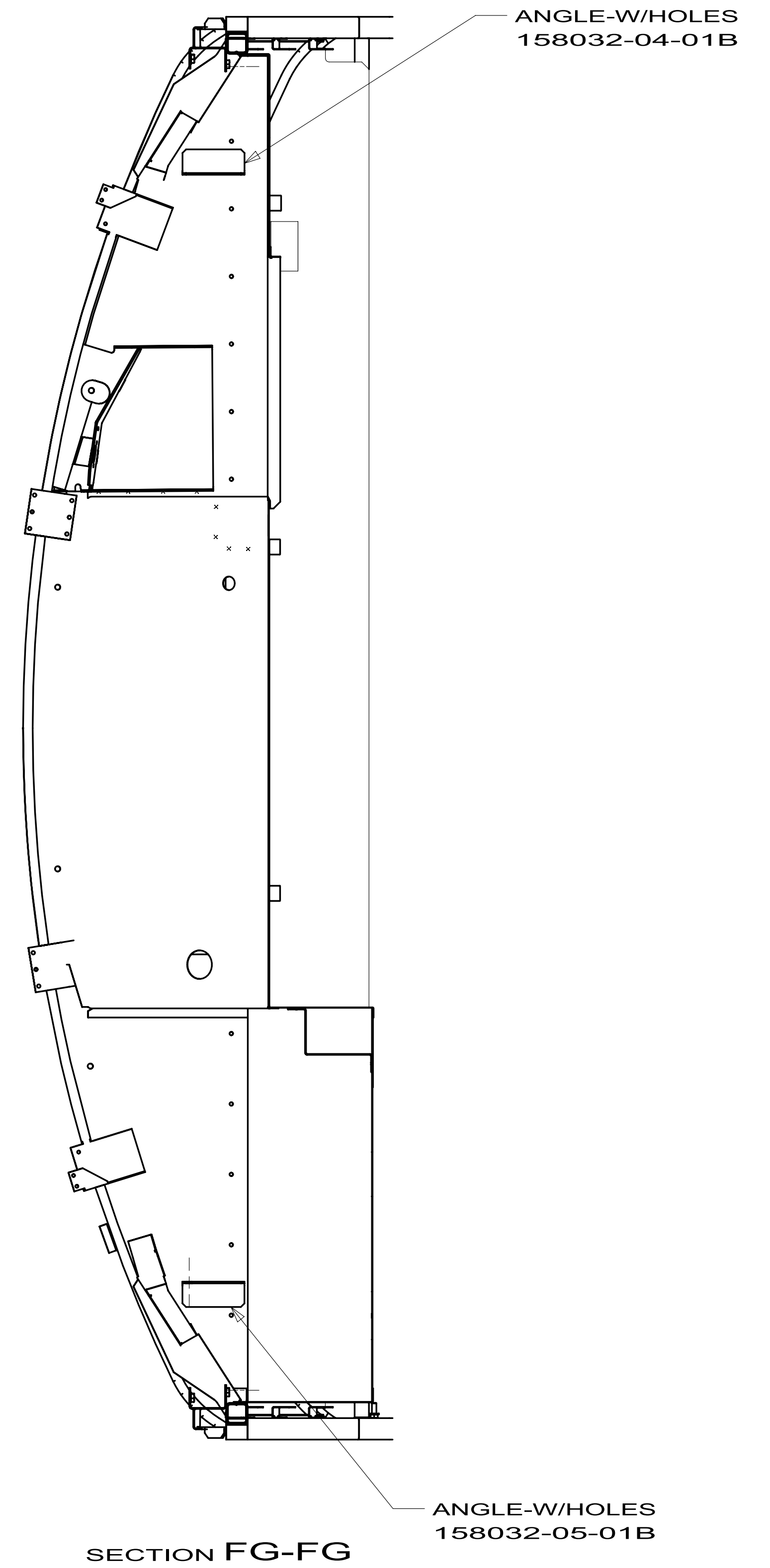


SECTION FC-FC

BRACKET
137033-02-01B



SECTION FB-FB

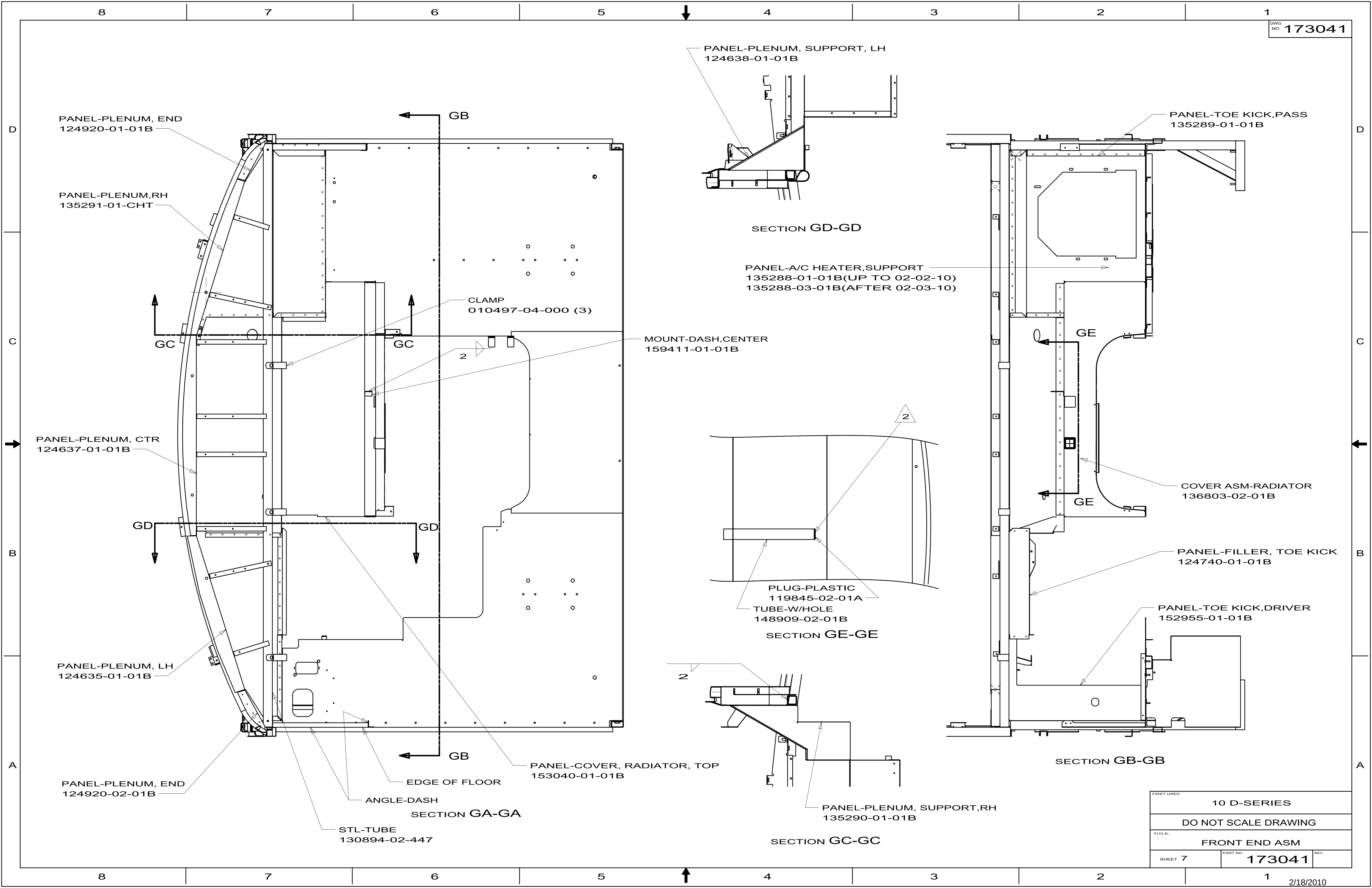


SECTION FG-FG

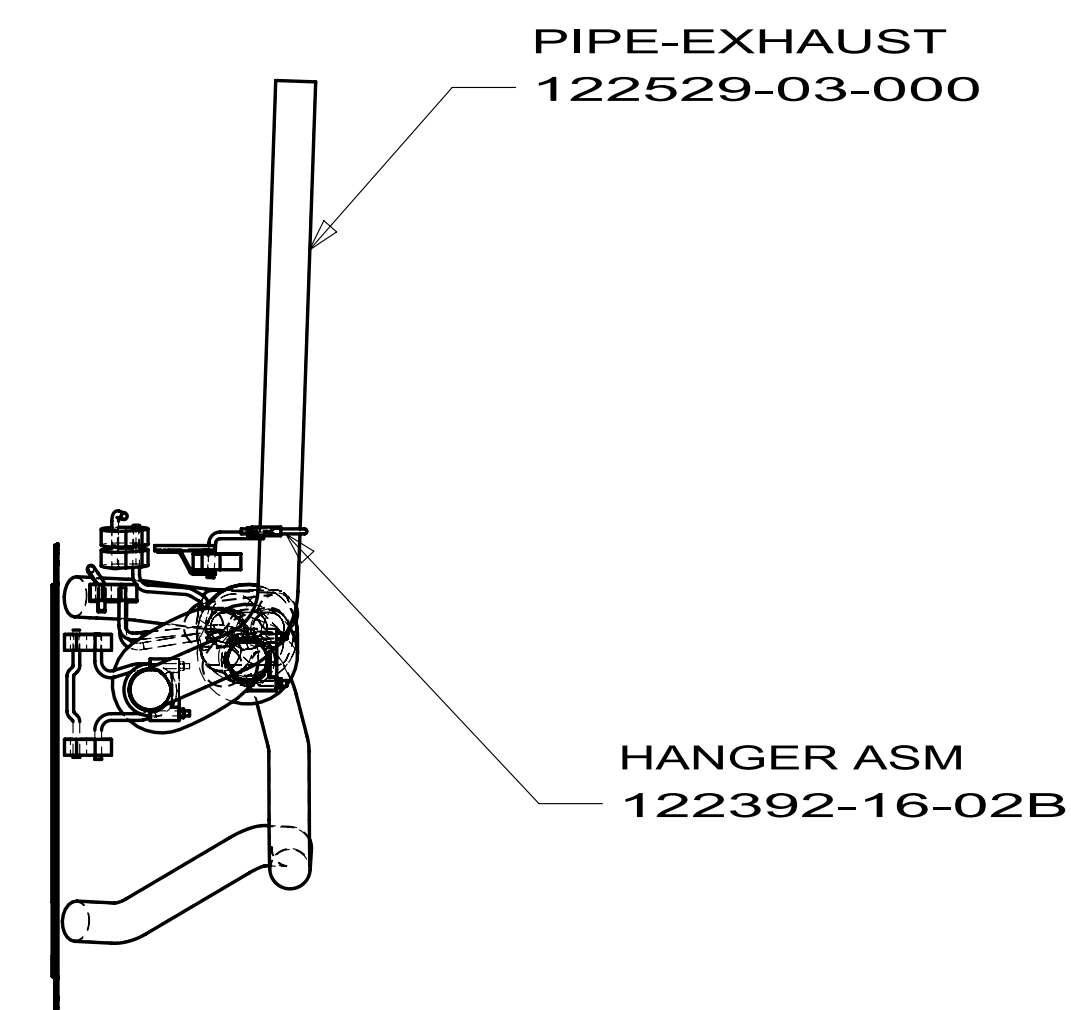
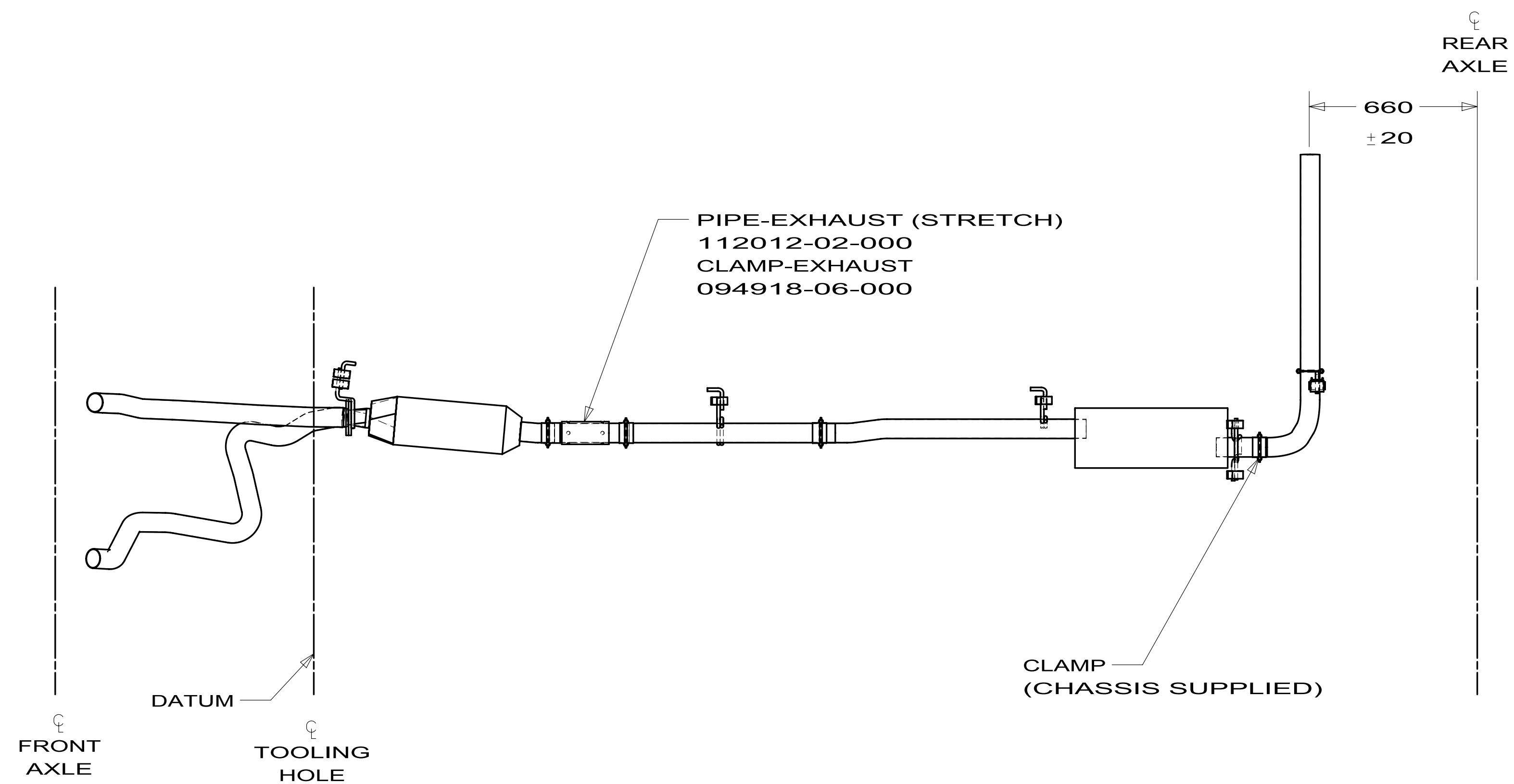
ANGLE-W/HOLES
158032-05-01B

ANGLE-W/HOLES
158032-04-01B

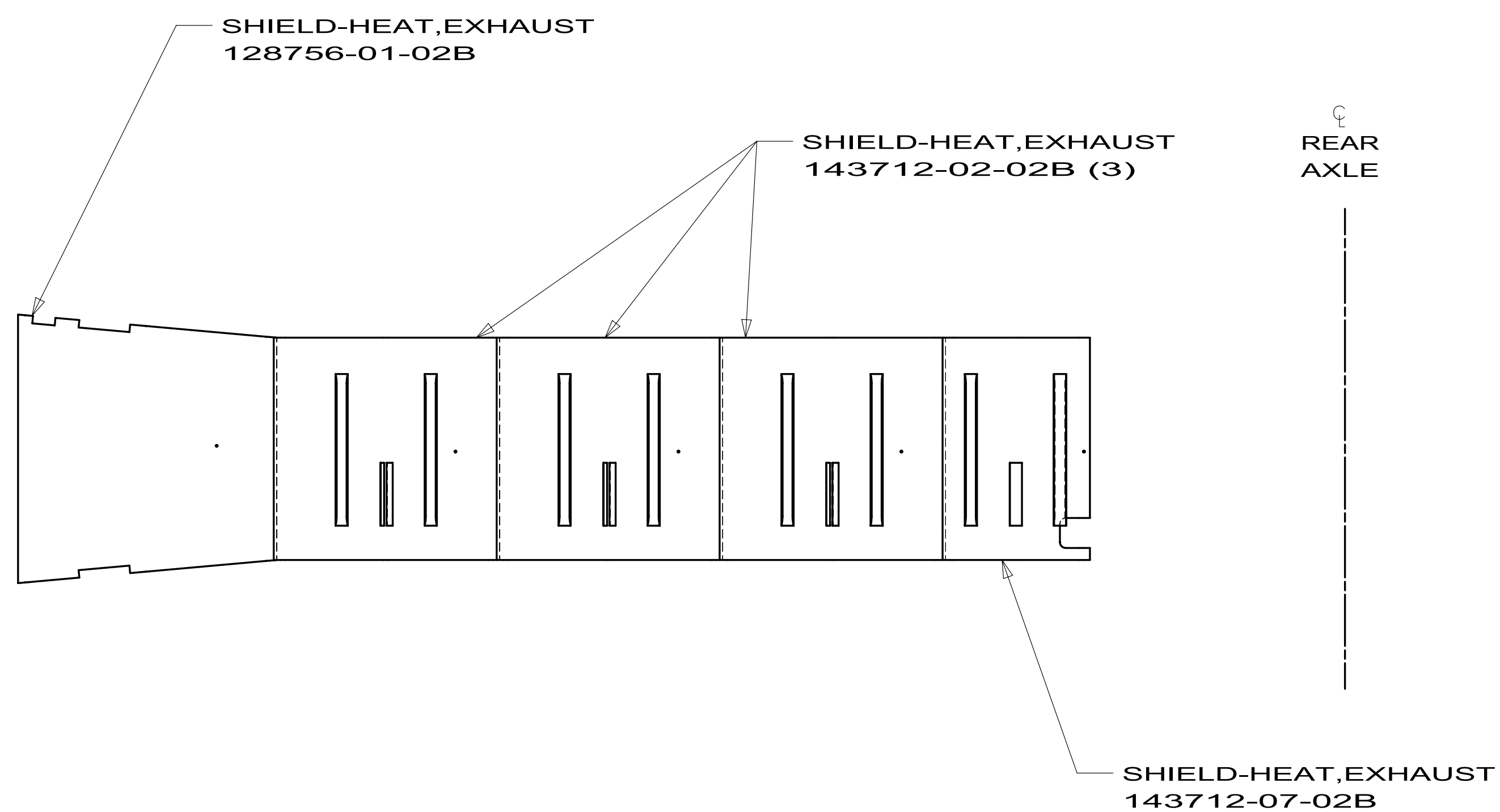
FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 6	PART NO 173041	REV



FIRST USED		
10 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 7	PART NO	REV
	173041	



**D33C,J32H
167164-06**



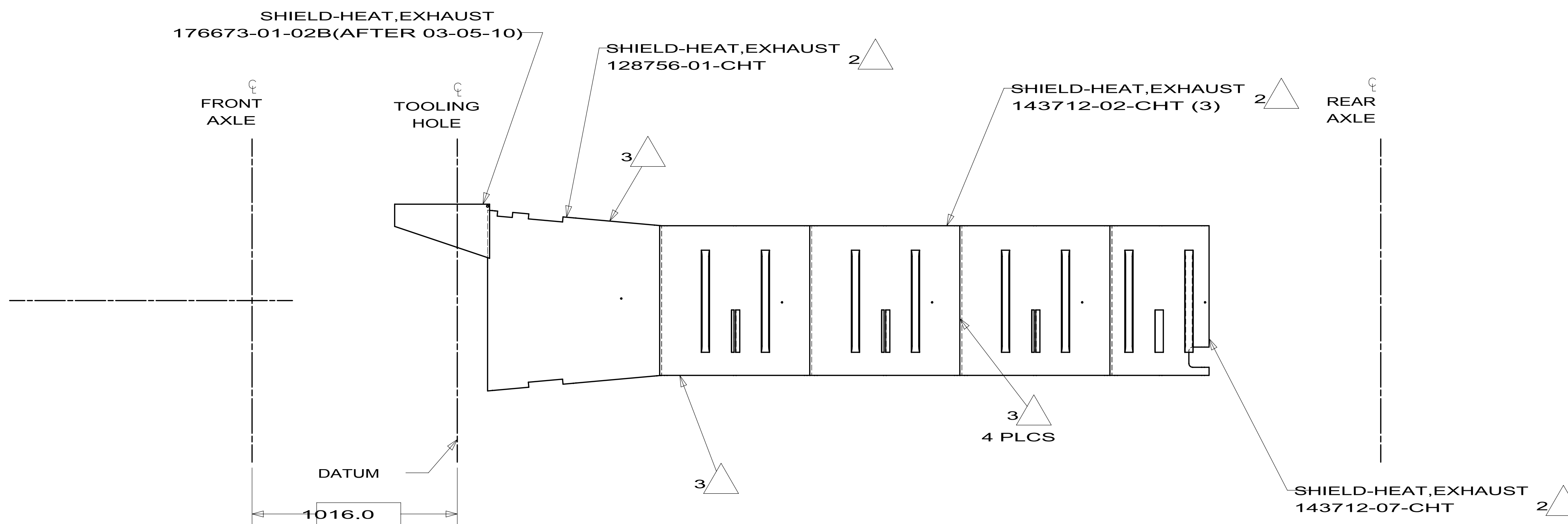
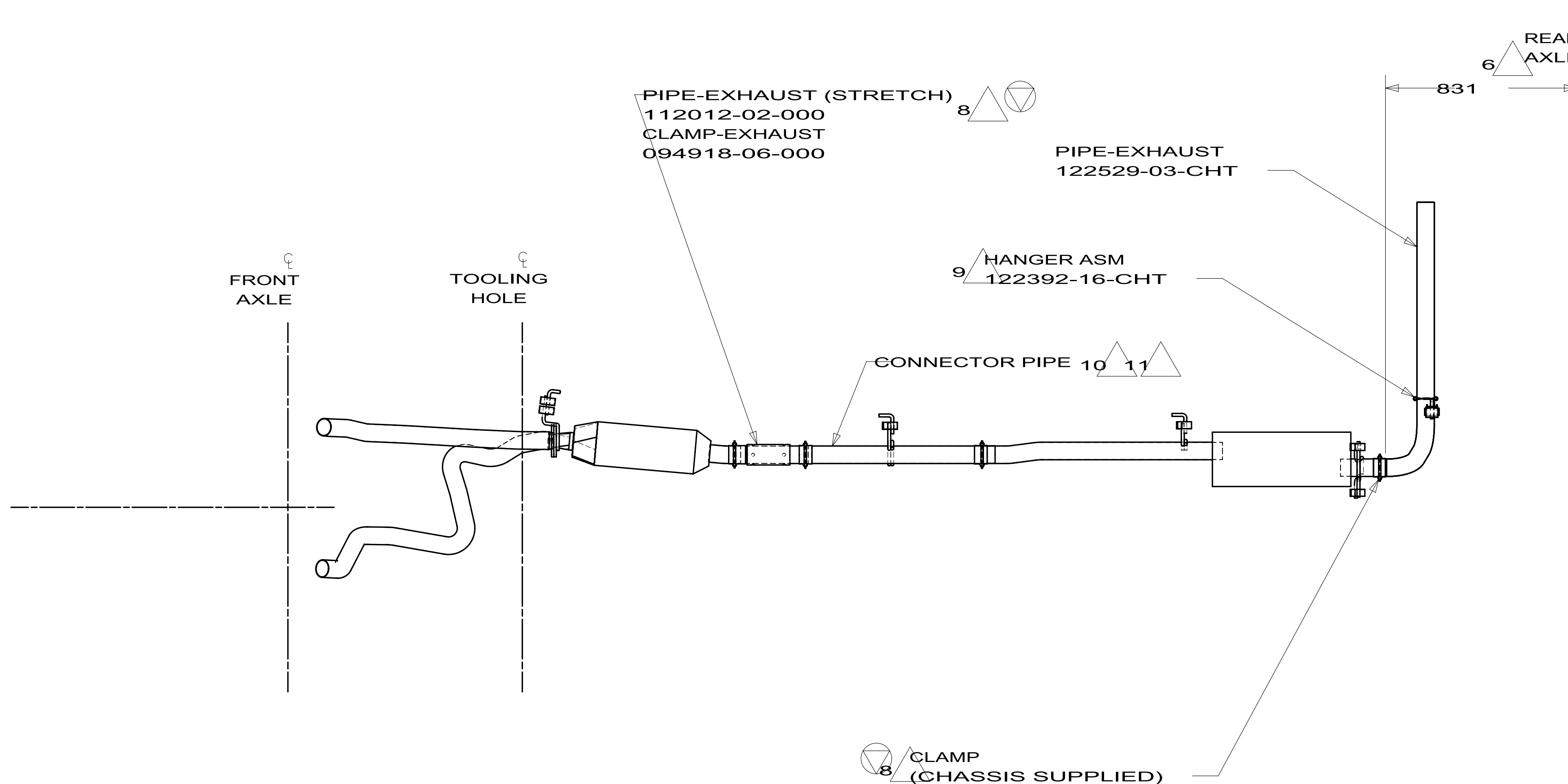
**STRETCH 208" WHEELBASE
TO 220" WHEELBASE**

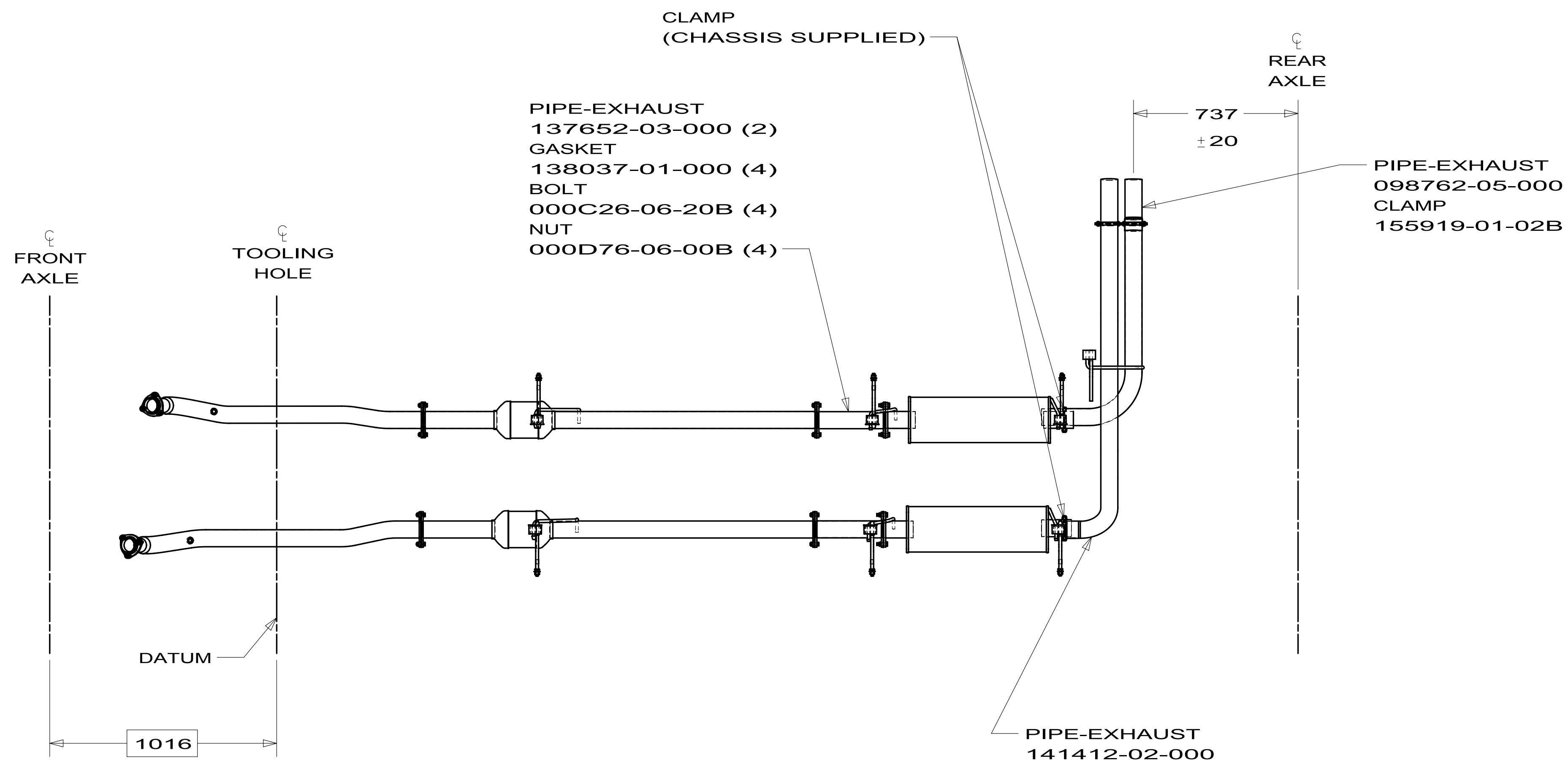
**EXHAUST SYSTEM INSTL-FORD
167164**

**D33C/J32H
175444-05
2011 FORD CHASSIS**

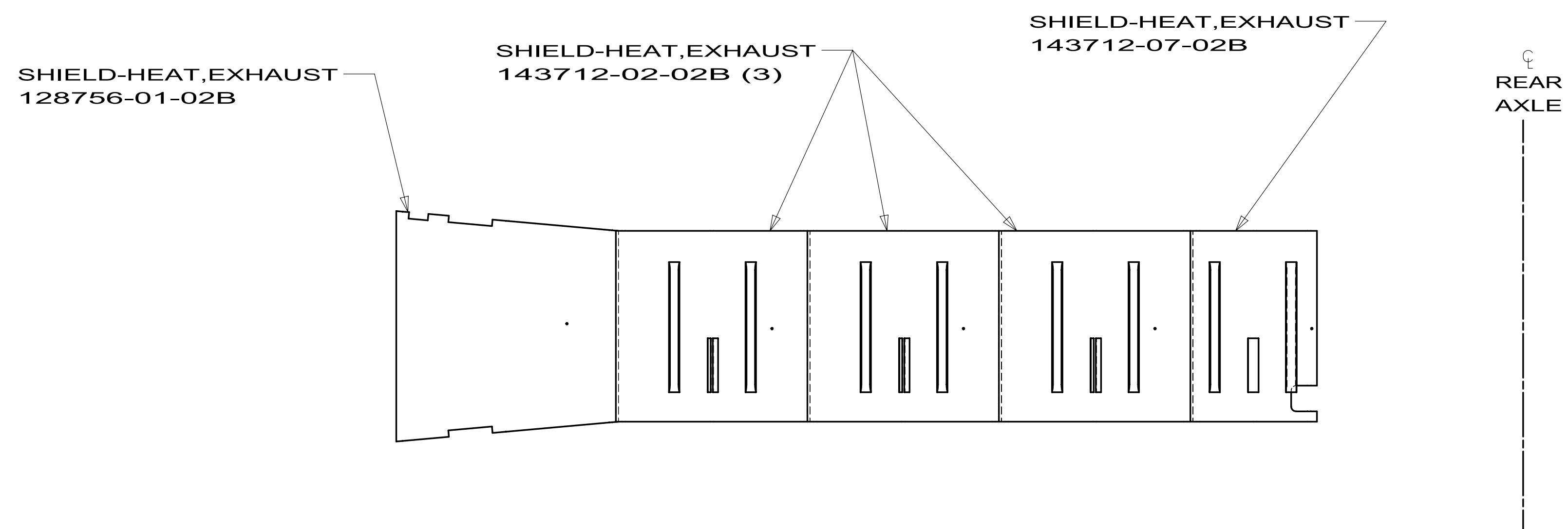
**175444-05
D33C/J32H
STRETCH 208" WHEELBASE
TO 220" WHEELBASE**

FIRST USED	11 FD MH		
	DO NOT SCALE DRAWING		
TITLE:	EXHAUST SYSTEM INSTL-FD		
SHEET 6	PART NO	175444	REV

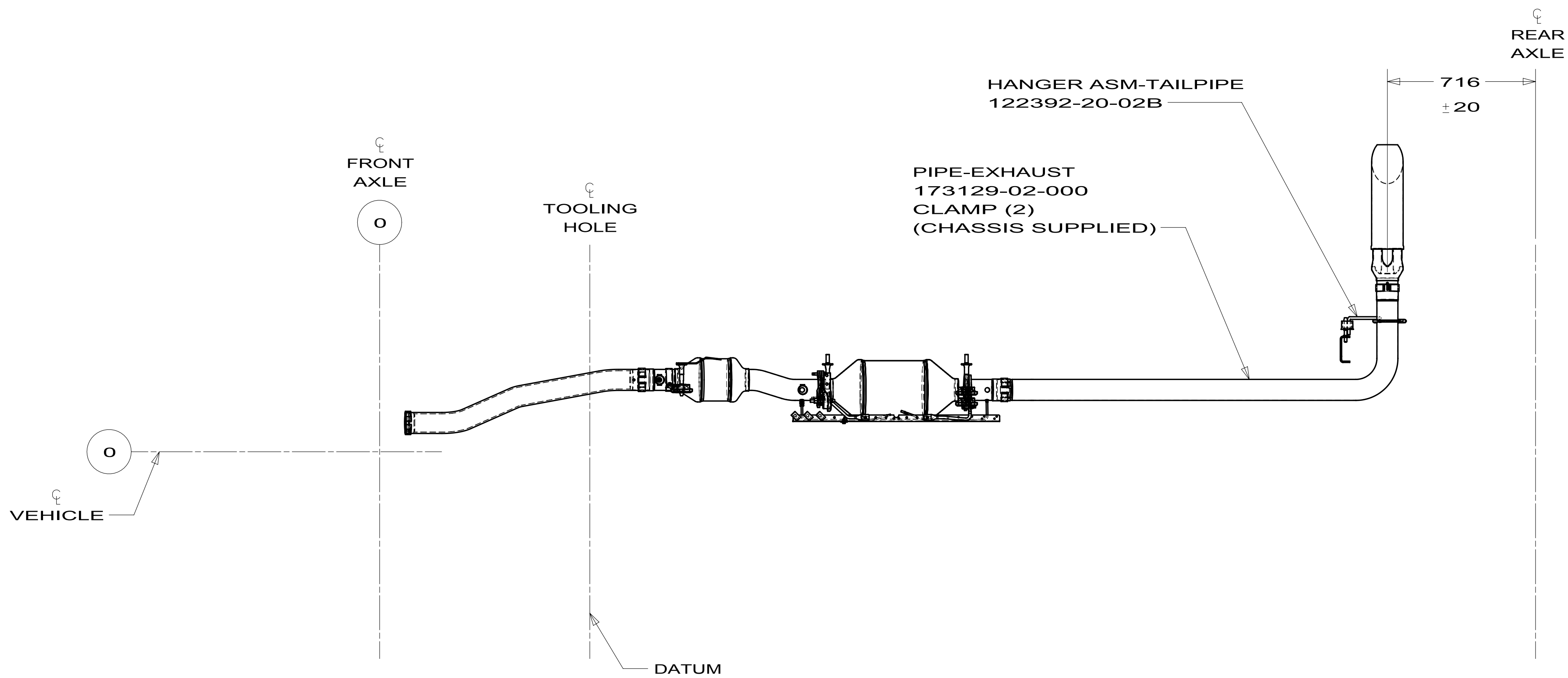




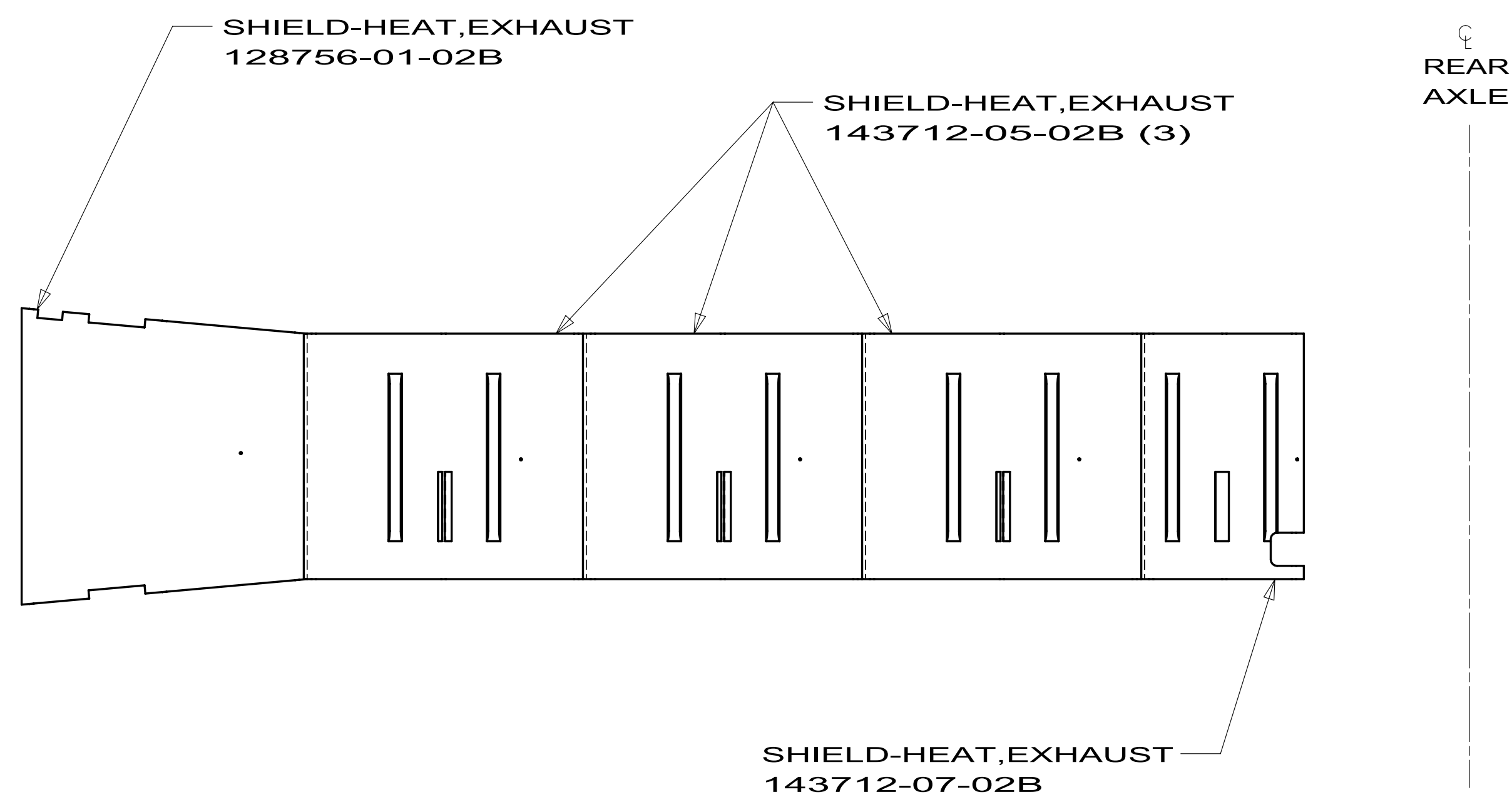
D33C
J32H
167341-03

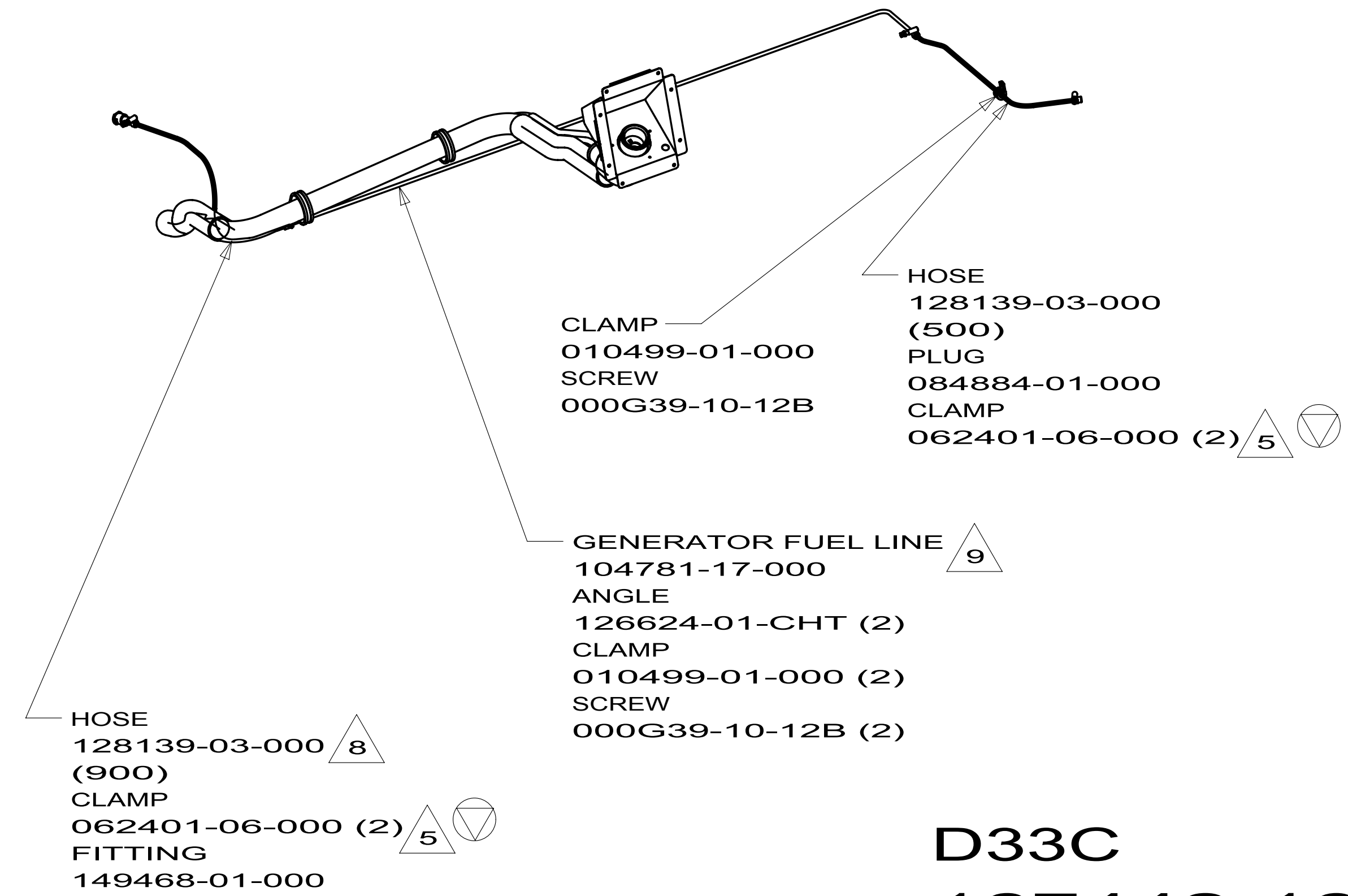
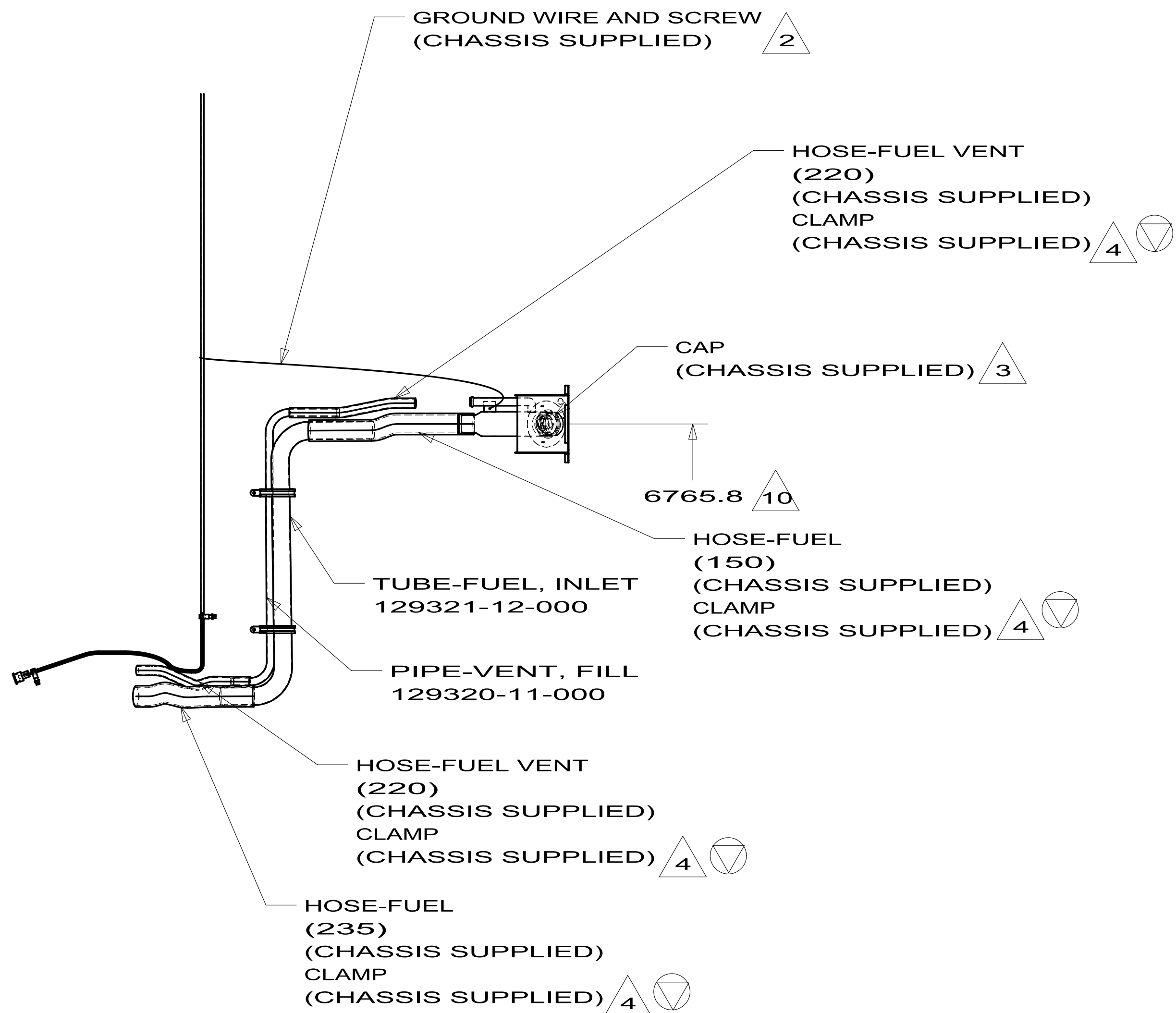


STRETCH 208" WHEELBASE
TO 220" WHEELBASE

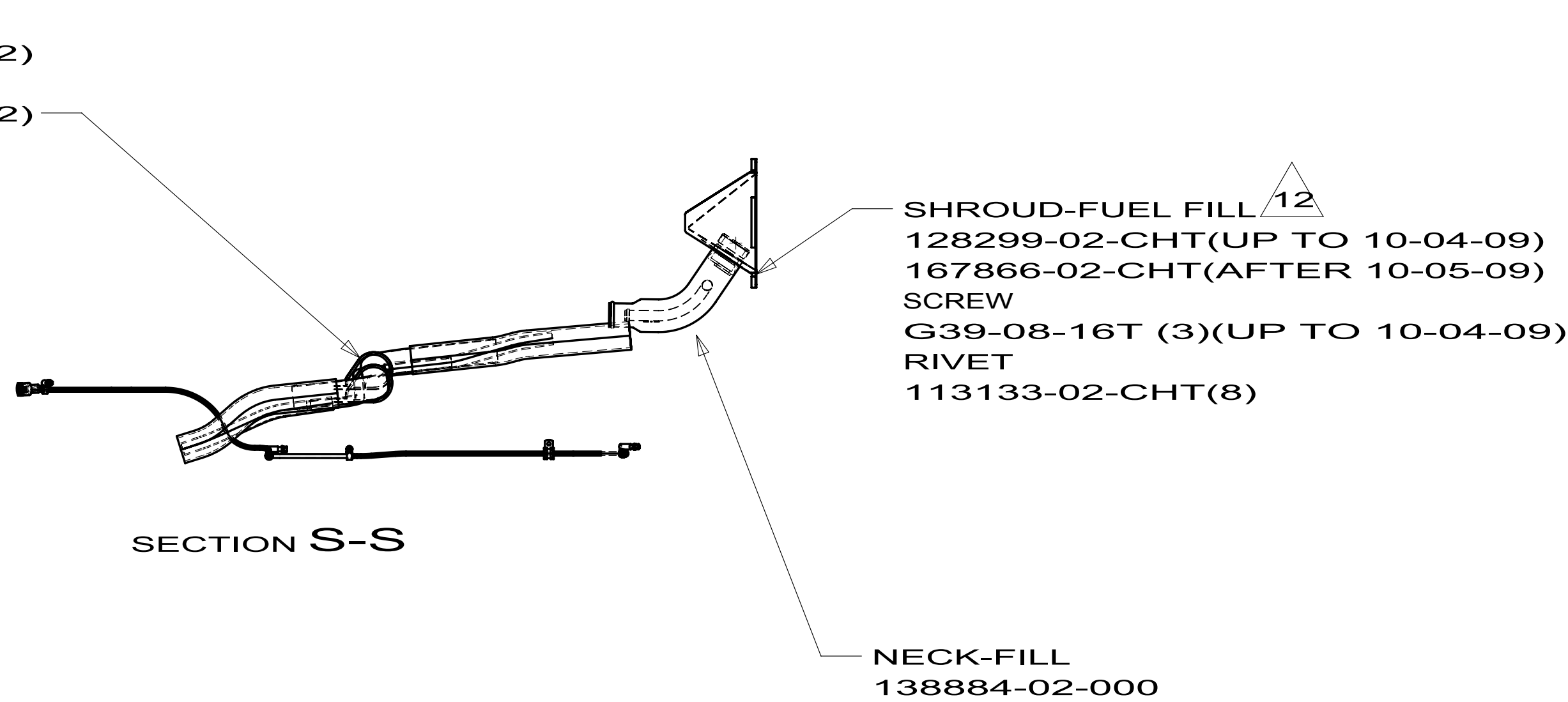


172550-04
D33C
208" WHEELBASE
STRETCHED TO
220" WHEELBASE





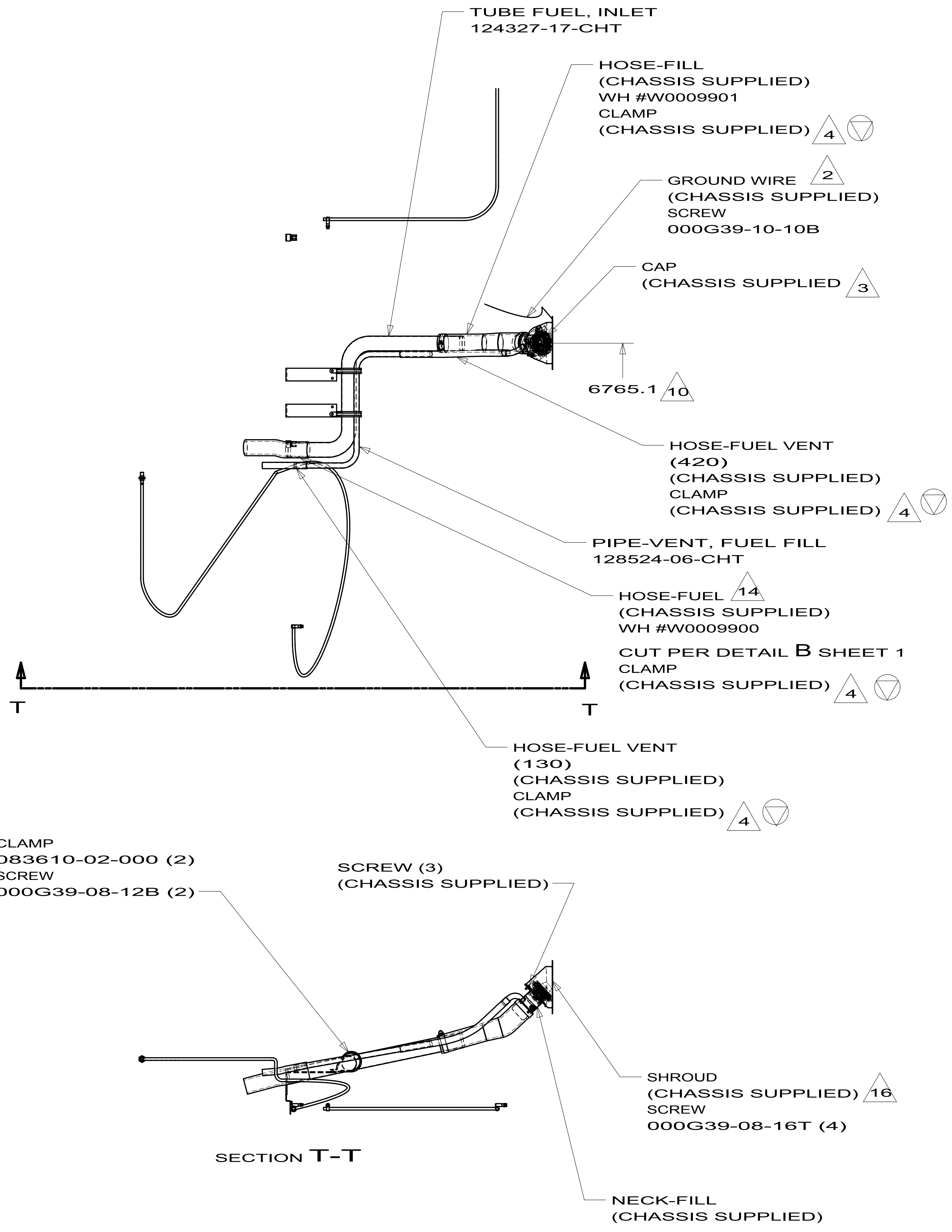
D33C
167442-16



SECTION S-S

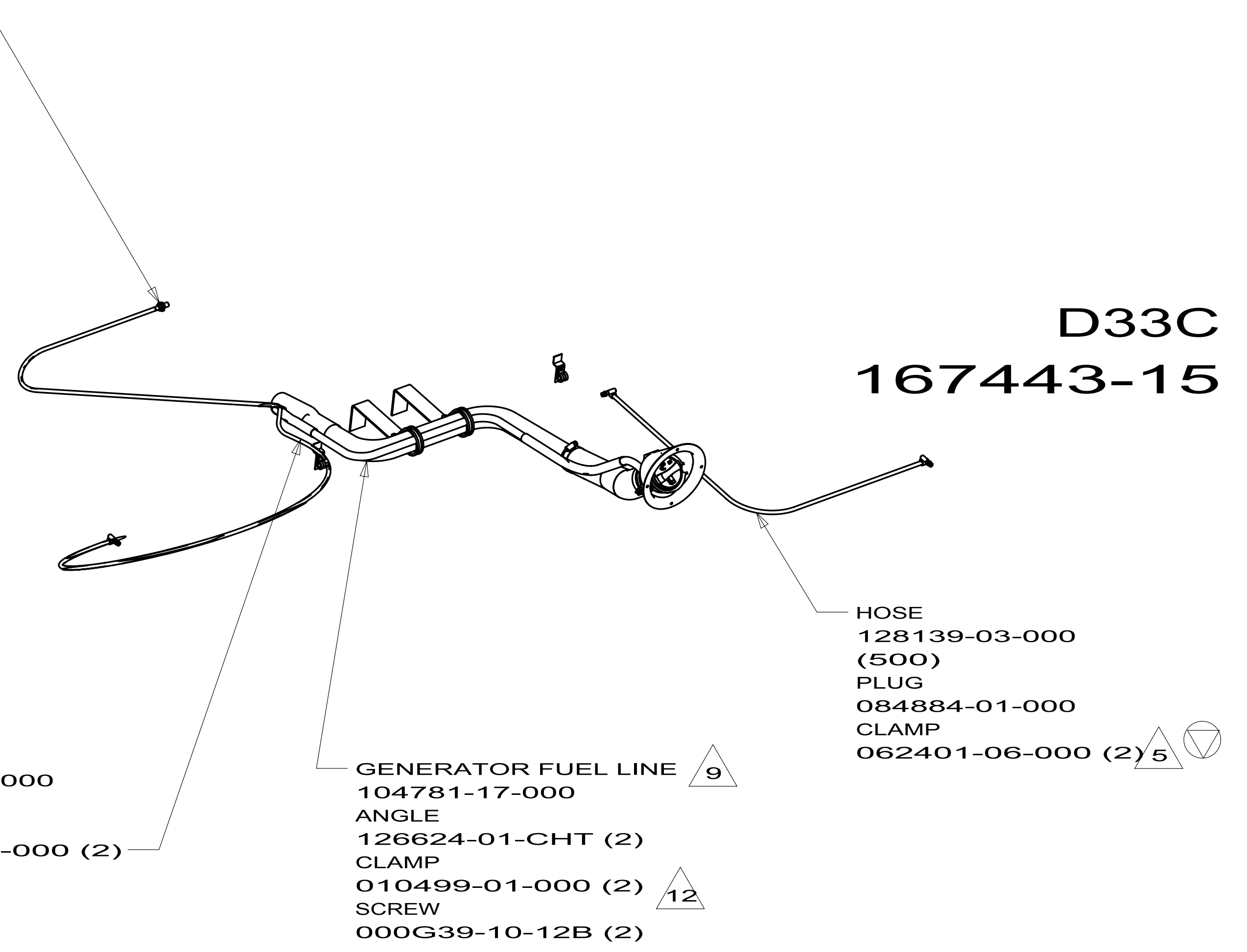
D33C
220" WHEELBASE
(STRETCH 208" TO 220")
LH GENERATOR

FIRST USED			09 FORD MH
DO NOT SCALE DRAWING			
TITLE:			FUEL SYSTEM INSTL-FUEL FILL
SHEET 13	PART NO	167442	REV



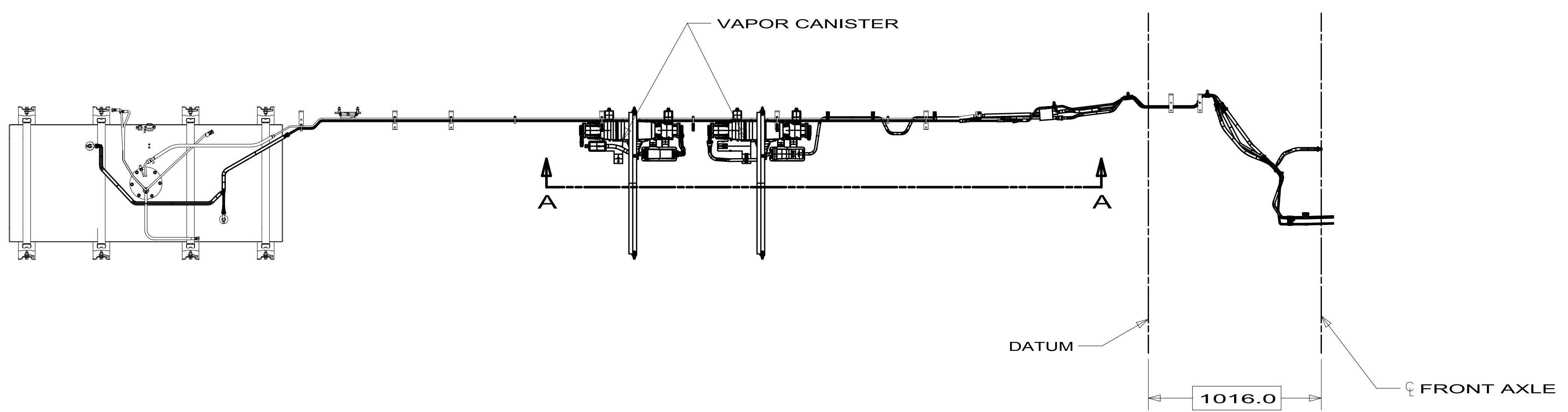
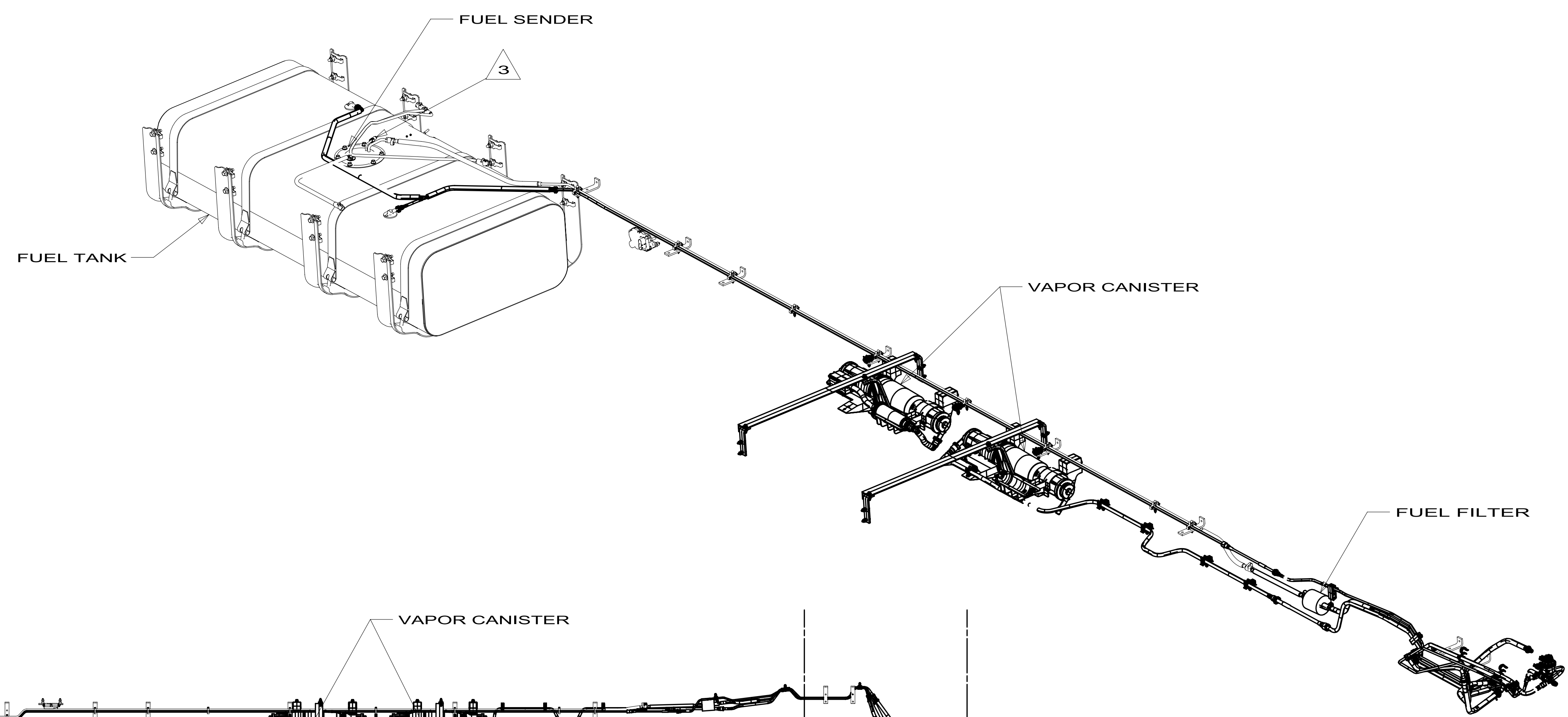
- 11 ADAPTER
114254-01-000
- 7 BUSHING
068382-06-000

- 8 HOSE
128139-03-000
(1740)
- 5 CLAMP
062401-06-000 (2)

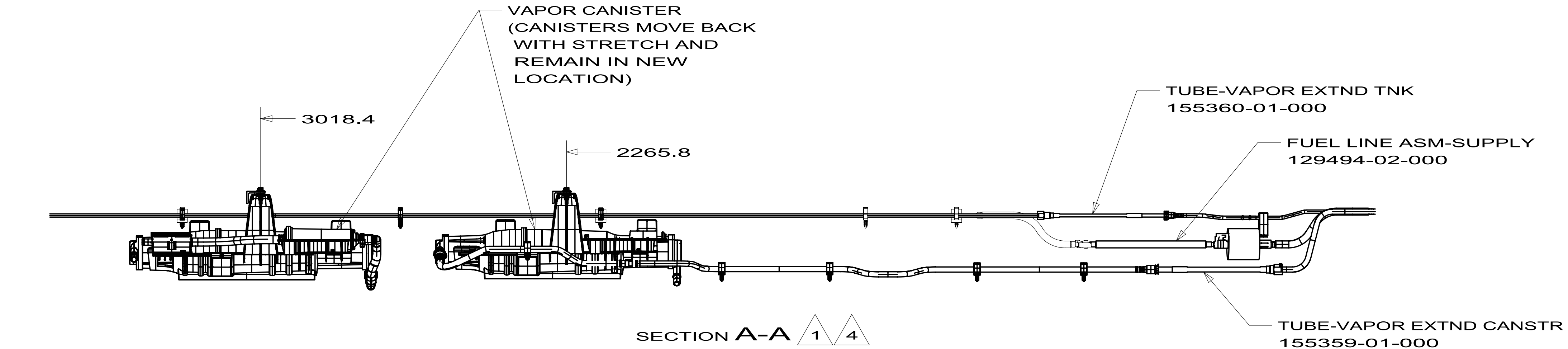


D33C
220" WHEELBASE
(STRETCH 208" TO 220")
LH GENERATOR

FIRST USED		09 WH
DO NOT SCALE DRAWING		
TITLE:		FUEL SYSTEM INSTL-FUEL FILL
SHEET 13	PART NO	167443



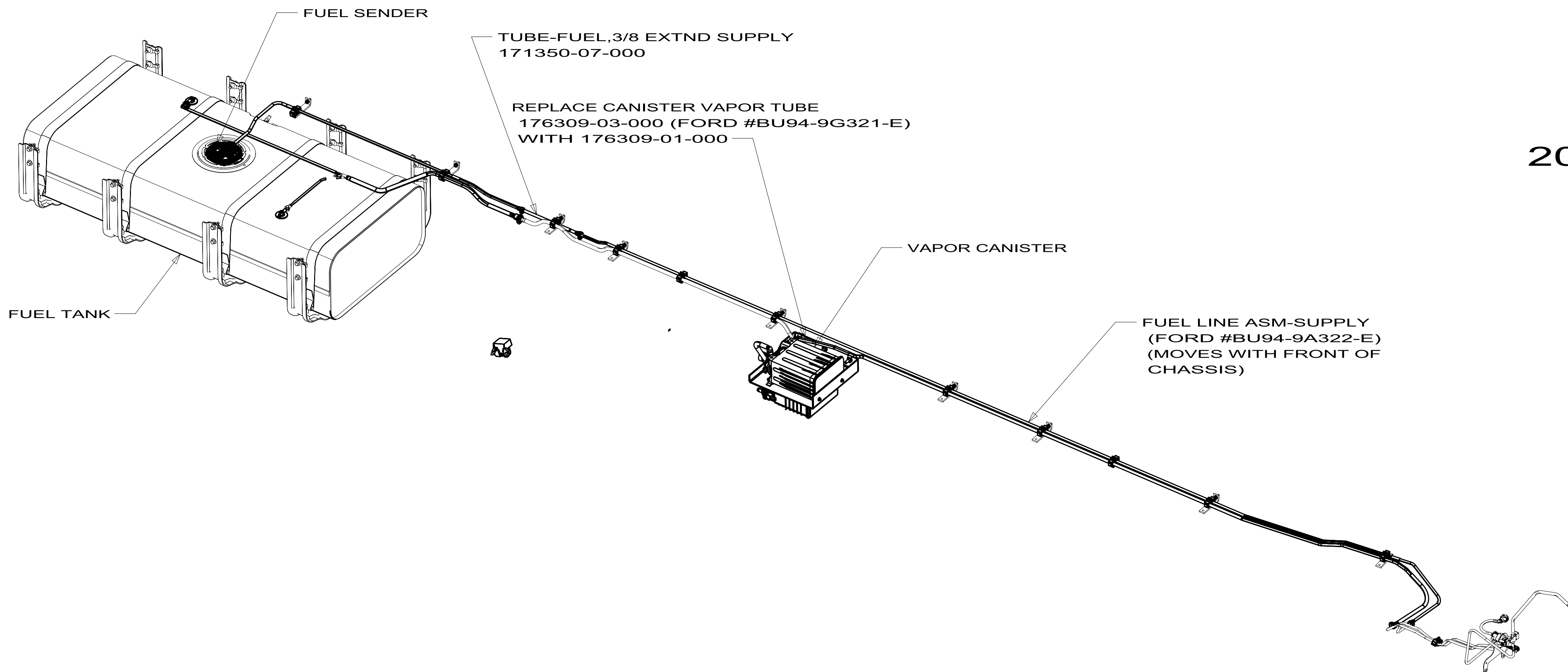
D33C
J32H
155029-03



220" WHEELBASE
208" STRETCHED TO 220"

FIRST USED		2006 F53 FORD	
DO NOT SCALE DRAWING			
TITLE: FUEL SYSTEM INSTL-SUPPLY			
SHEET 3	PART NO	155029	REV

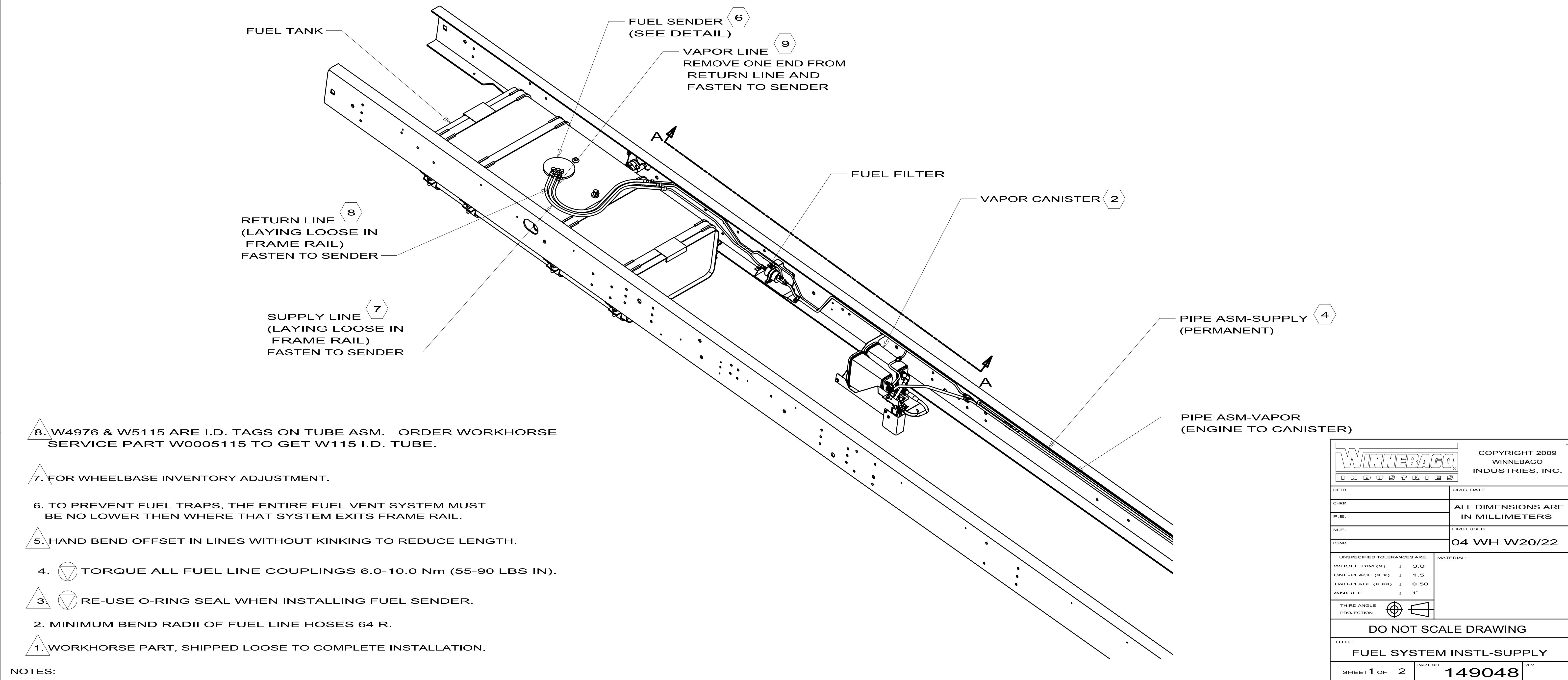
D33C
J32H
175442-06
2011 FORD CHASSIS



220"WHEELBASE
208" STRETCHED TO 220"

FIRST USED		11 FD MH	
DO NOT SCALE DRAWING			
TITLE:			
FUEL SYSTEM INSTL-SUPPLY			
SHEET 6	PART NO	175442	REV

8		7		6	5	4	3	2	1	
DWG NO	WHEEL BASE	FUEL LINE ASM-SUPPLY		TUBE-EVAP EMIS, CANISTER						
149048-01	190"	-----		-----		E30W				
149048-02	208"	-----		-----		D31E D33C E32K				
149048-03	190" TO 220"	98759-05-000		148192-02-000		NOT USED				
149048-04	208" TO 220"	98759-01-000		148192-02-000		J32H				
149048-05	228"	-----		-----		D35J, J35P, J35Z				
149048-06	228" TO 248"	98759-02-000		148192-04-000		D37L J37F J38N				
149048-07	228" TO 266"	98759-09-000		148192-05-000		NOT USED				
149048-08	158.5"	-----		-----		E26P				
149048-09	190" TO 208"	98759-02-000		148192-06-000		NOT USED				
149048-10	208" TO 228"	98759-02-000		148192-03-000		J35Z,J35P STRETCH				
149048-11	228" TO 220"	REPLACE W4976 (228) WITH W5115(208) ADD 98759-01-000		148192-02-000		NOT USED				
149048-12	228" TO 208"	REPLACE W4976 (228) WITH W5115(208) ADD 98759-01-000		148192-06-000		NOT USED				

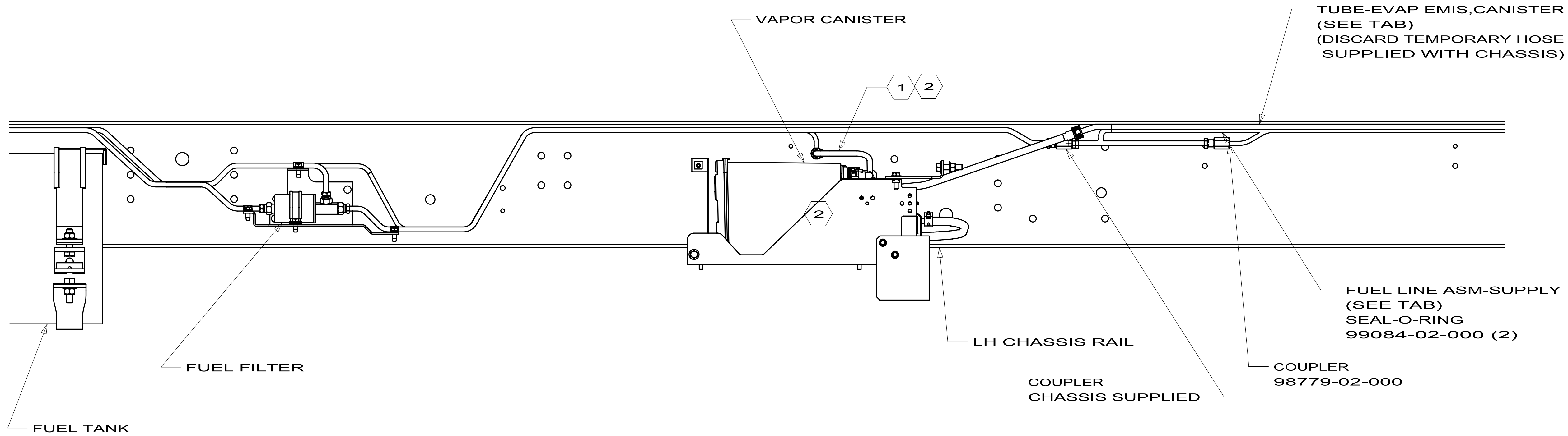


- W4976 & W5115 ARE I.D. TAGS ON TUBE ASM. ORDER WORKHORSE SERVICE PART W0005115 TO GET W115 I.D. TUBE.
- FOR WHEELBASE INVENTORY ADJUSTMENT.
6. TO PREVENT FUEL TRAPS, THE ENTIRE FUEL VENT SYSTEM MUST BE NO LOWER THEN WHERE THAT SYSTEM EXITS FRAME RAIL.
- HAND BEND OFFSET IN LINES WITHOUT KINKING TO REDUCE LENGTH.
4. TORQUE ALL FUEL LINE COUPLINGS 6.0-10.0 Nm (55-90 LBS IN).
- RE-USE O-RING SEAL WHEN INSTALLING FUEL SENDER.
2. MINIMUM BEND RADII OF FUEL LINE HOSES 64 R.
- WORKHORSE PART, SHIPPED LOOSE TO COMPLETE INSTALLATION.

NOTES:

RELEASE		REV	DATE	DWG NO	149048
REV	ZONE	REVISION RECORD		DATE	DTFR.ORG

WINNEBAGO® INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFTFR		ORIG. DATE	
CHKR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		04 WH W20/22	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) ± 3.0			
ONE-PLACE (X.X) ± 1.5			
TWO-PLACE (X.XX) ± 0.50			
ANGLE ± 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE:			
FUEL SYSTEM INSTL-SUPPLY			
SHEET1 OF 2		PART NO	REV
		149048	



VIEW A-A
STRETCH DETAIL

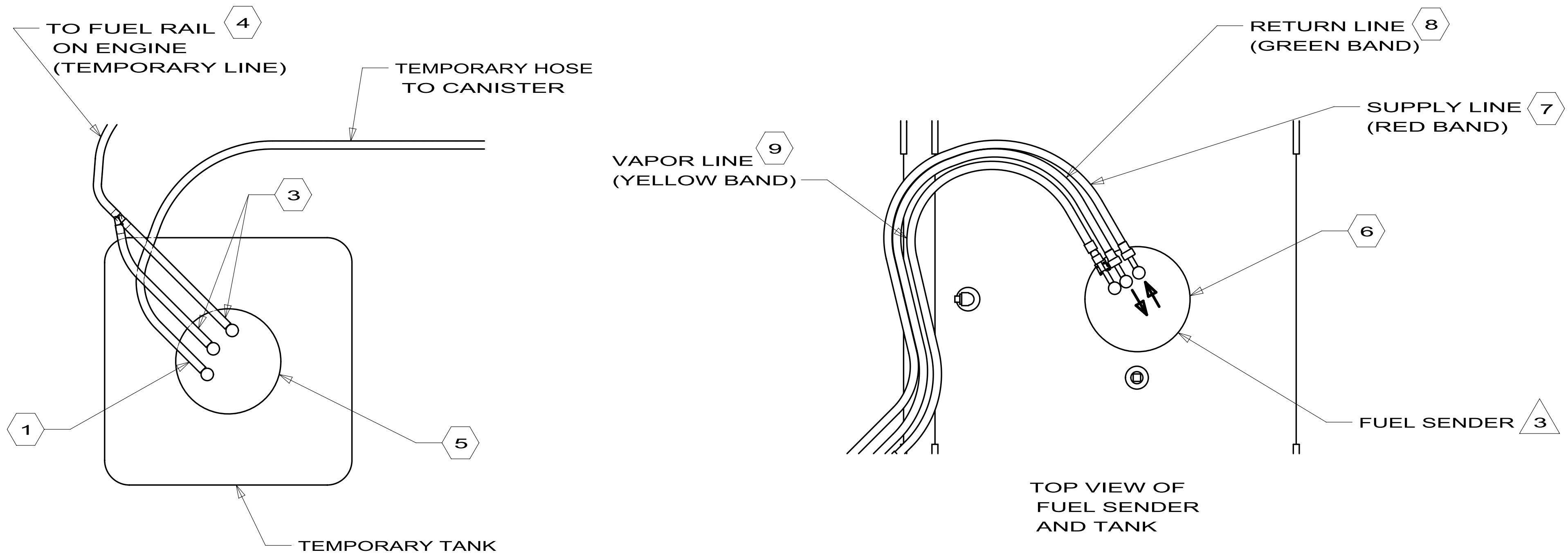
Conversion Temporary to Final Fuel System

Relieve fuel pressure from system (service port on engine right fuel rail or run engine without electrical connection to pump/sender; see service manual @ Chassis Warranty)

- 1 Temporary hose from sender in temporary tank to vapor canister
Disconnect both ends; remove from chassis and discard
- 2 Vapor Canister
Remove plastic bag from permanent vapor line fitting
Connect permanent fitting to canister port (temporary hose disconnected)
- 3 Fuel Sender temporary feed/return hoses to wye with green retainer clips
Release clips and push thru opposite side of connector
Pull fittings loose
- 4 Fuel rail on engine
Disconnect temporary line (from fuel sender/wye) and discard
Remove cap from permanent supply line; Connect line at rail
- 5 Fuel Sender, temporary tank, hoses disconnected
Remove retaining ring; carefully remove sender
- 6 Fuel tank, chassis mounted between frame rails, aft of axle
Remove retaining ring, discard temporary block off plate
Carefully install sender, index in notch, install retaining ring

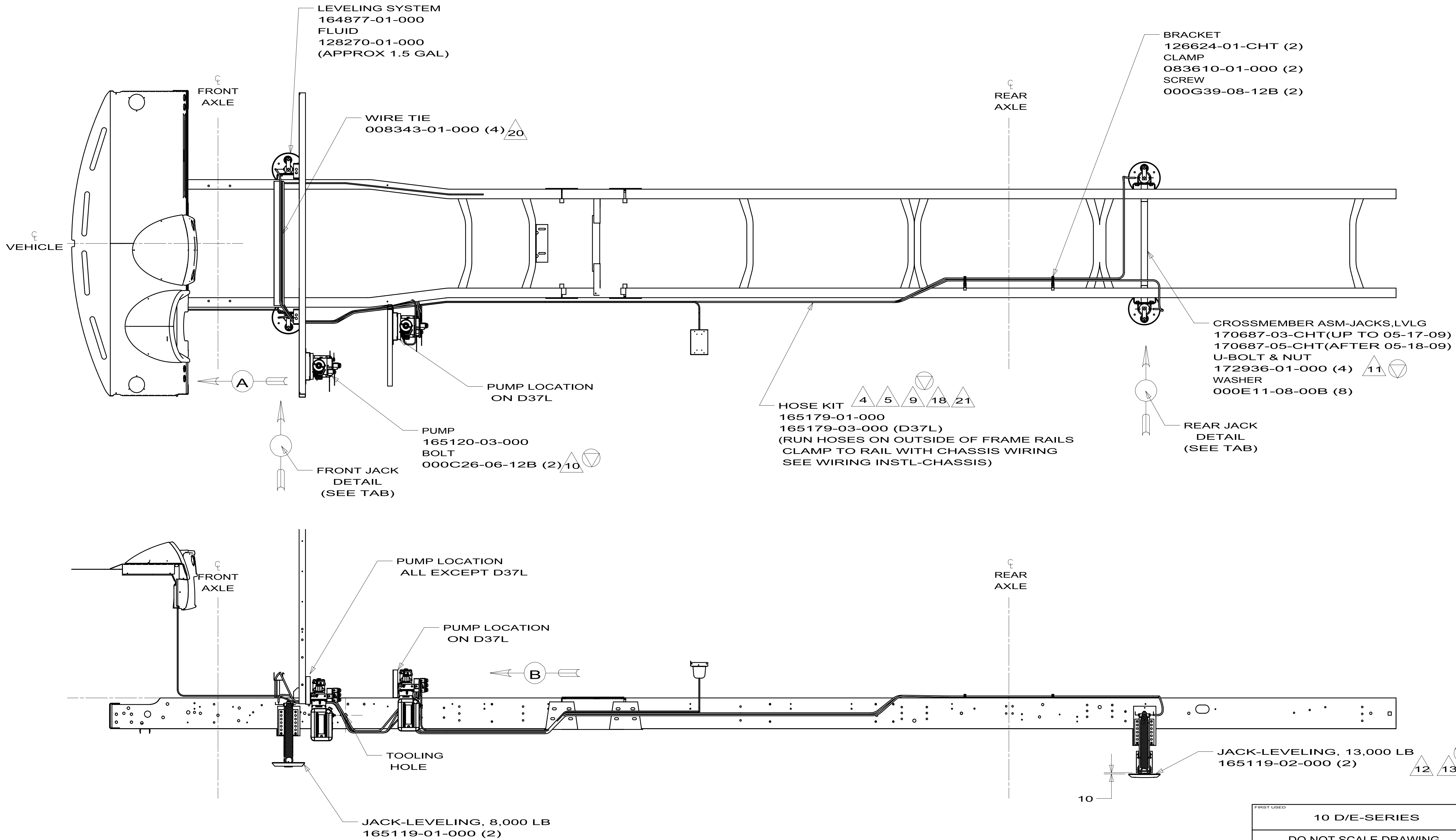
1 Chassis Fuel Lines at tank

- 7 Black Braid hose, Red FEED tag; connect to sender port arrow out (to end)
- 8 Black Braid hose, Green RETURN tag; connect to sender port arrow in (to center)
- 9 Black Plastic tube; connect to remaining sender port

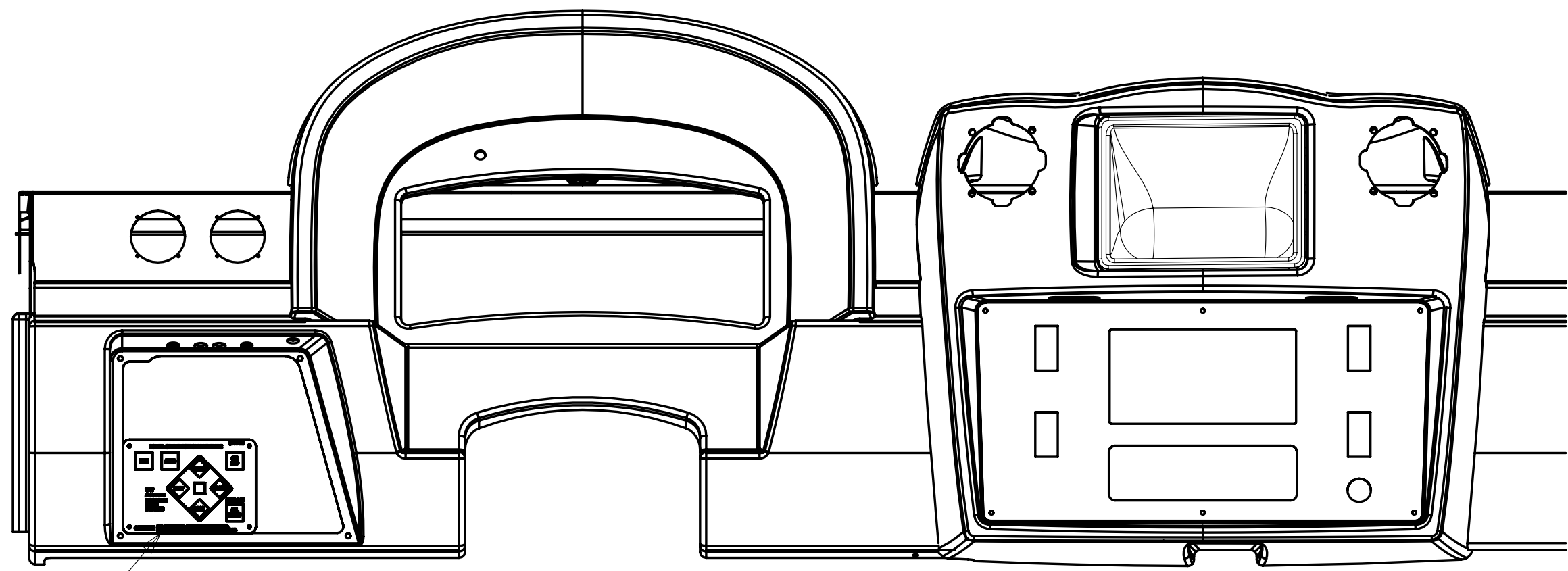


TOP VIEW OF
FUEL SENDER
AND TANK

FIRST USED		04 WH W20/22	
DO NOT SCALE DRAWING			
TITLE: FUEL SYSTEM INSTL-SUPPLY			
SHEET 2	PART NO	149048	REV

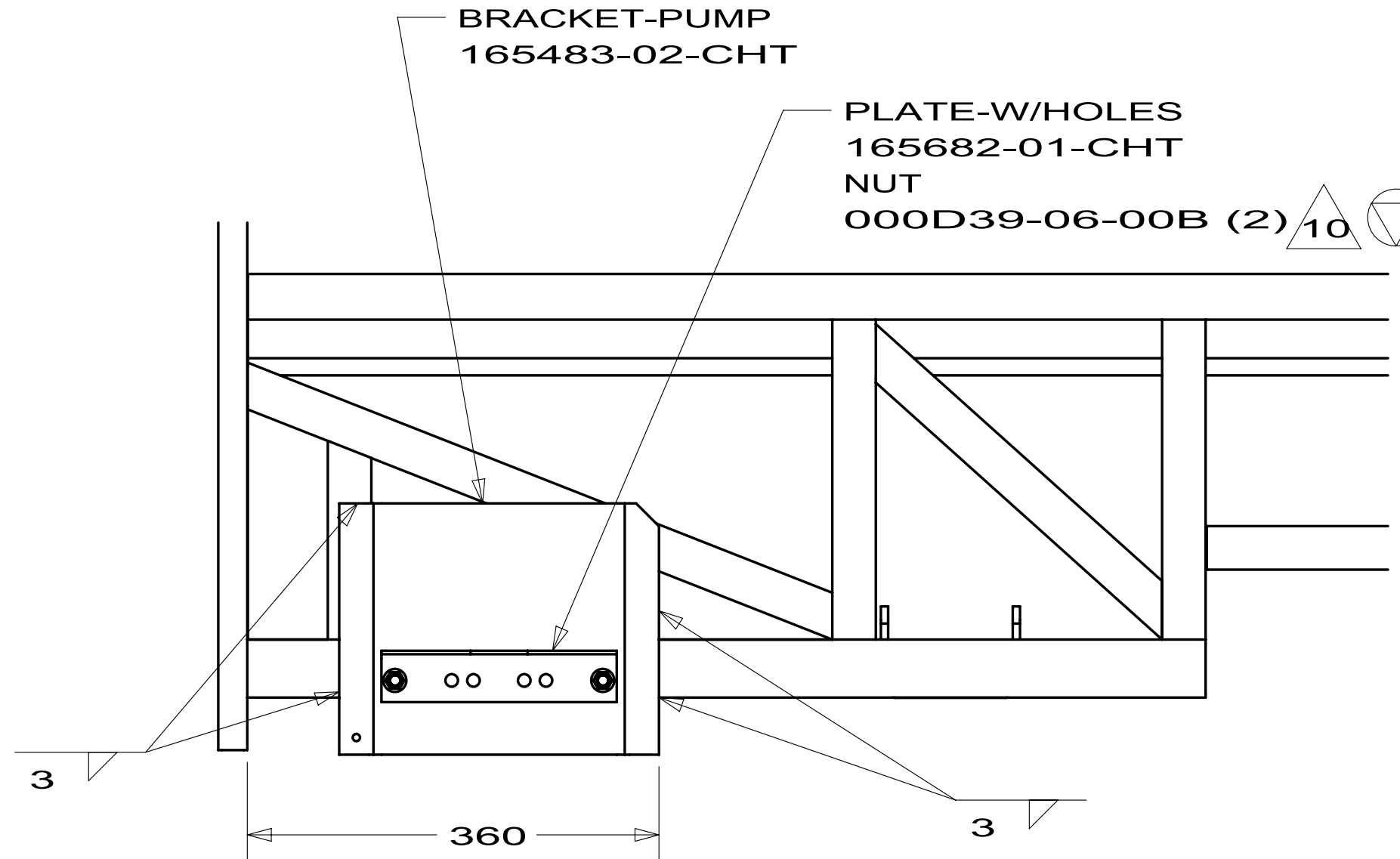


FIRST USED		
10 D/E-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-P/G		
SHEET 2	PART NO 173520	REV

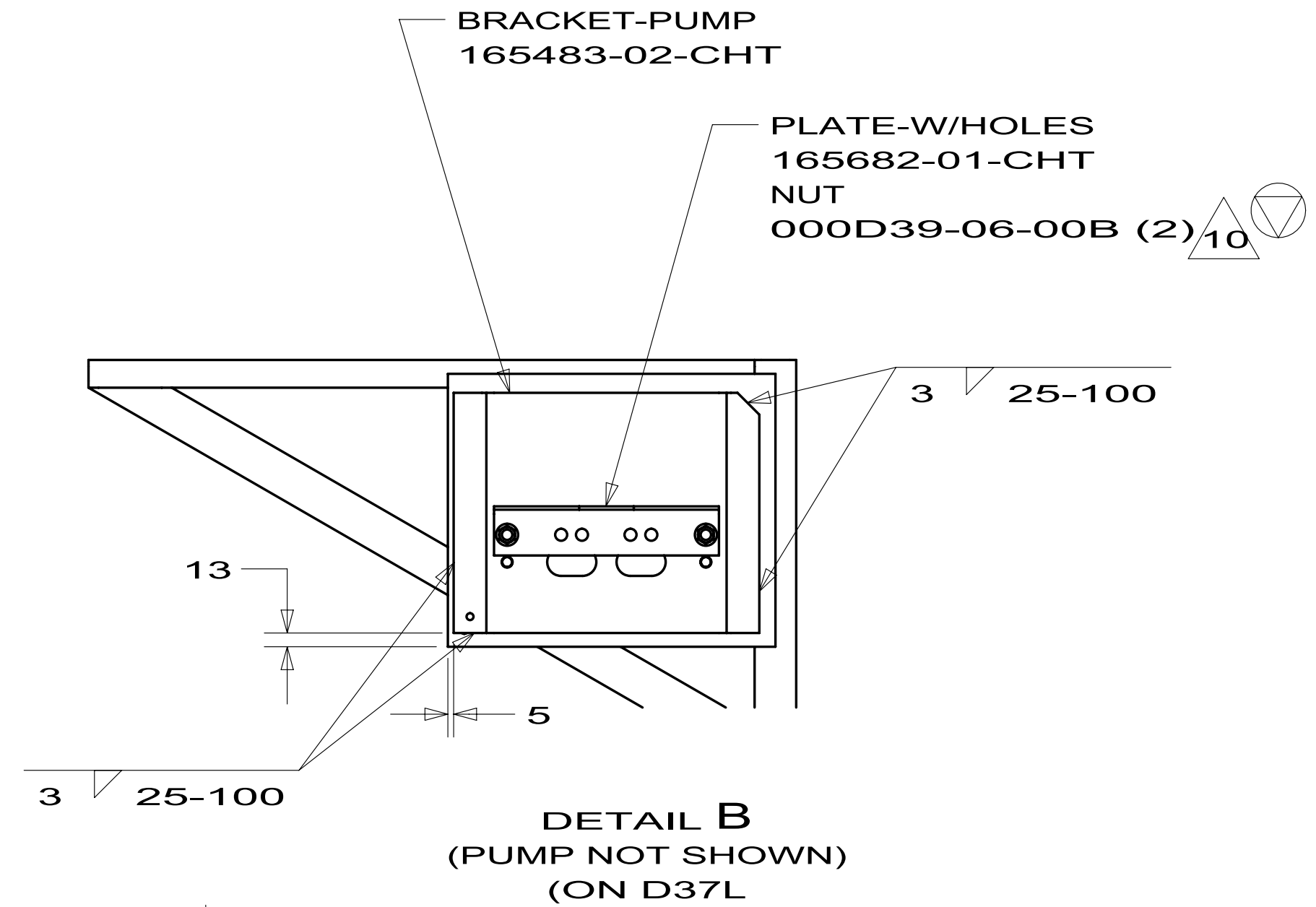


TOUCH PAD-LEVELING SYSTEM
164881-01-000
SCREW
000G11-08-08T (4) 3

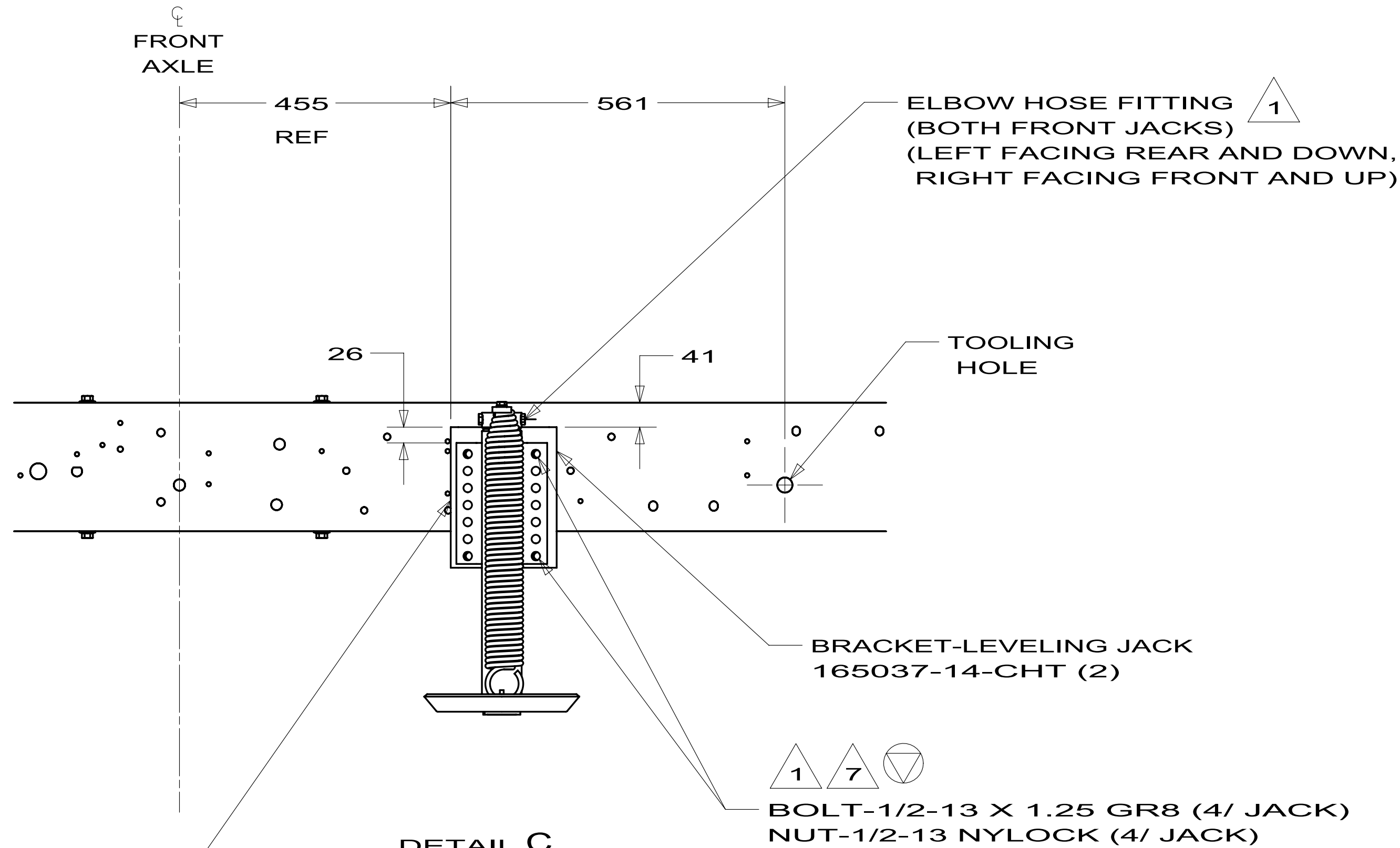
DETAIL A



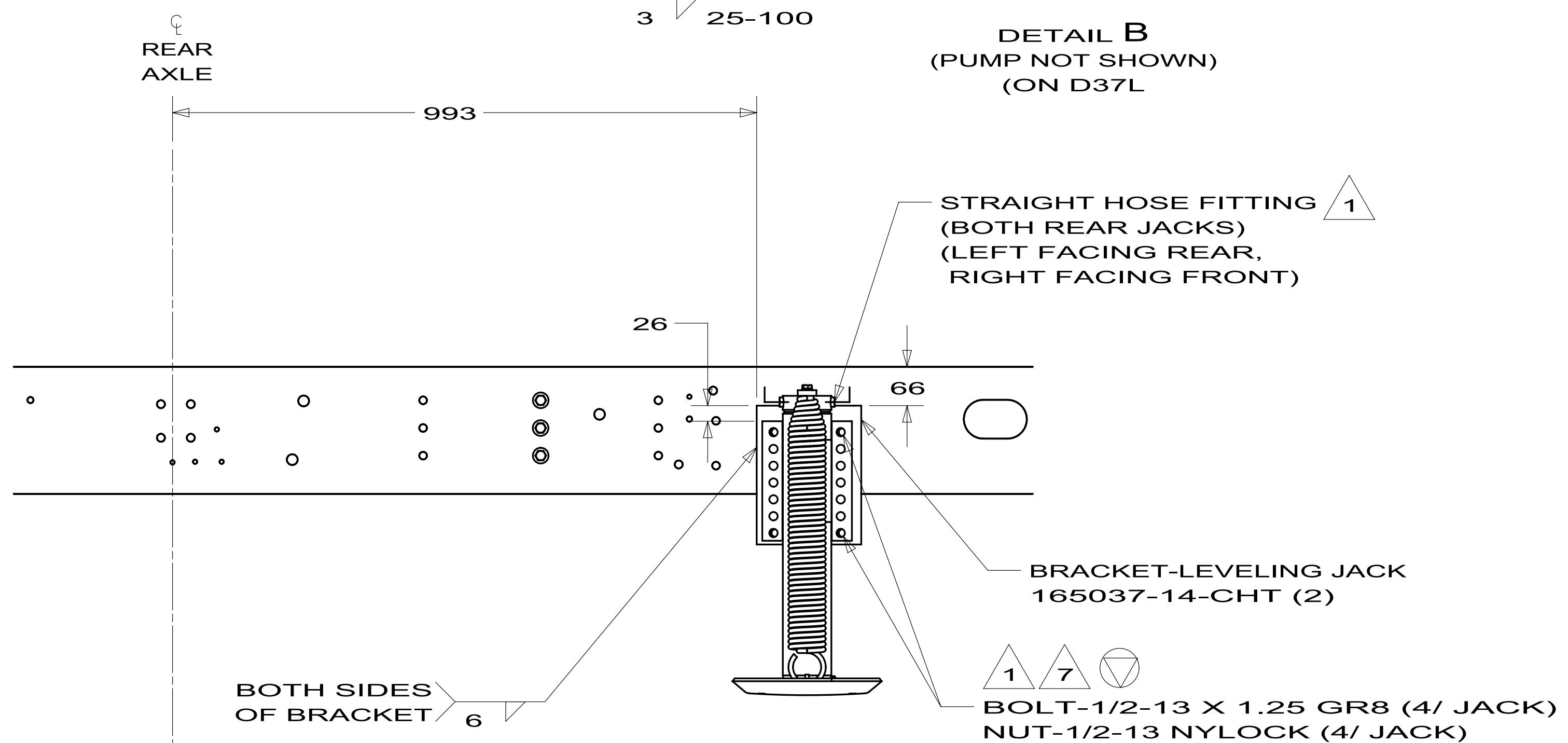
DETAIL B
(PUMP NOT SHOWN)
(ALL UNITS EXCEPT D37L)



DETAIL B
(PUMP NOT SHOWN)
(ON D37L)

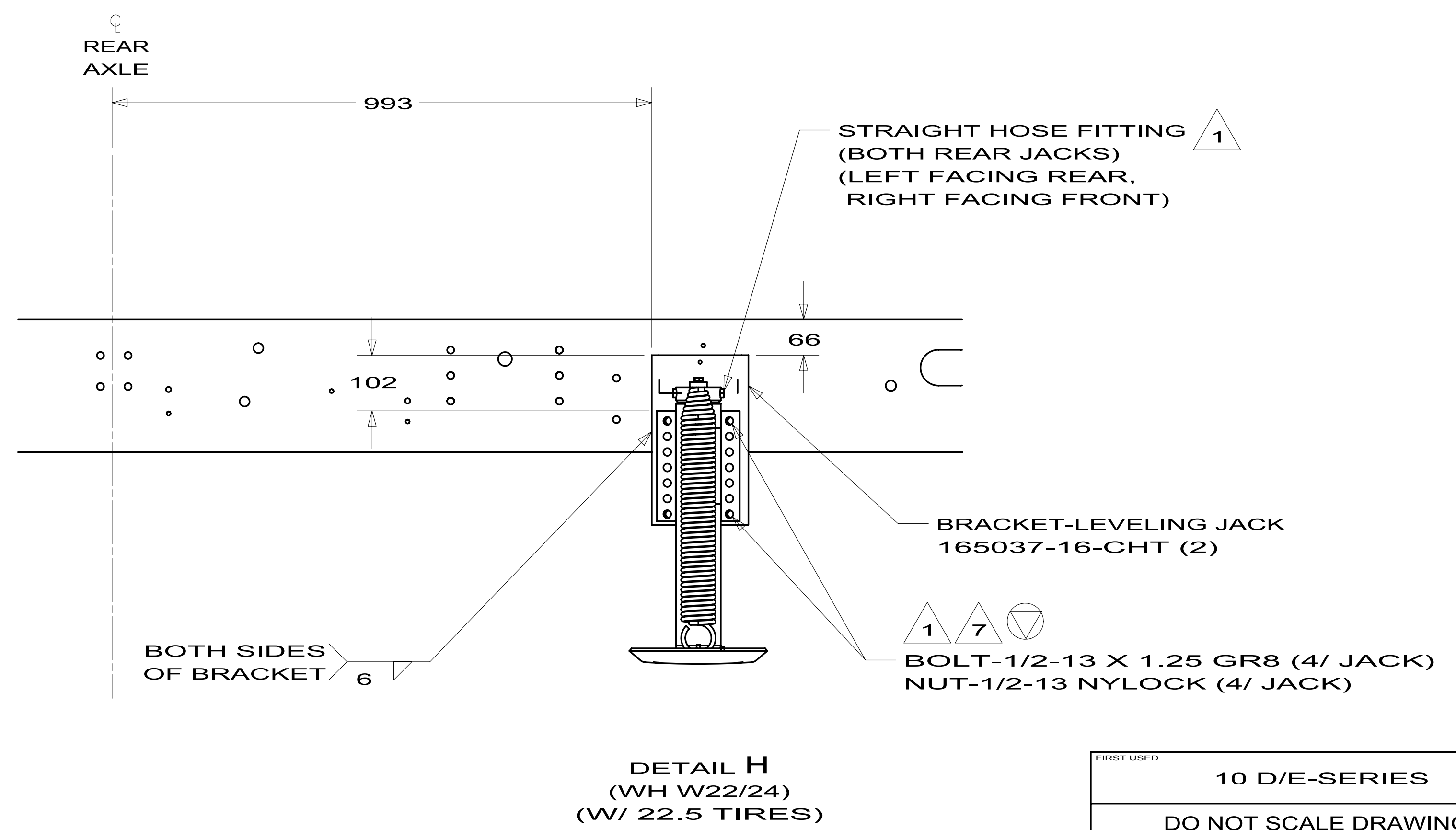
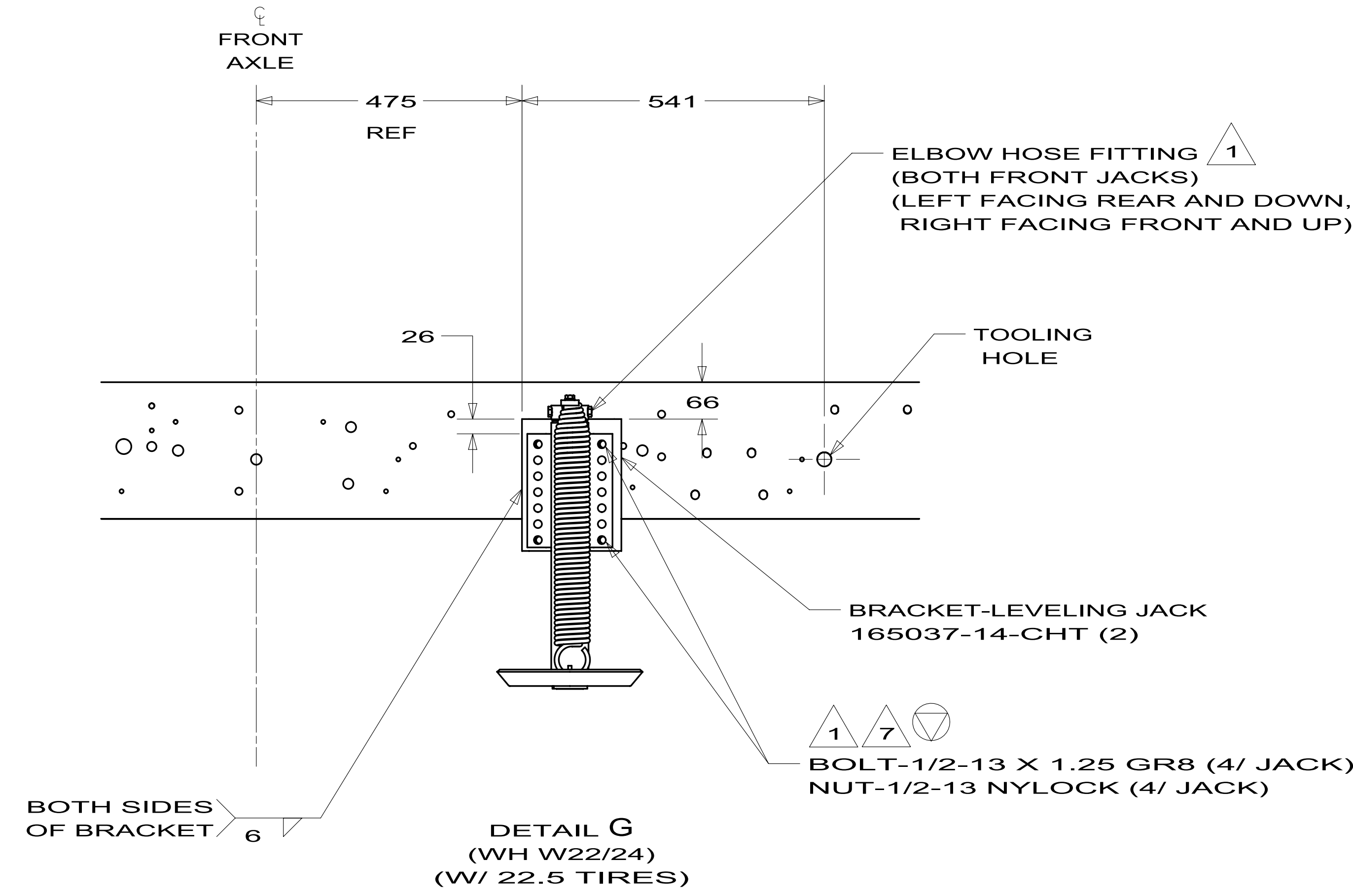
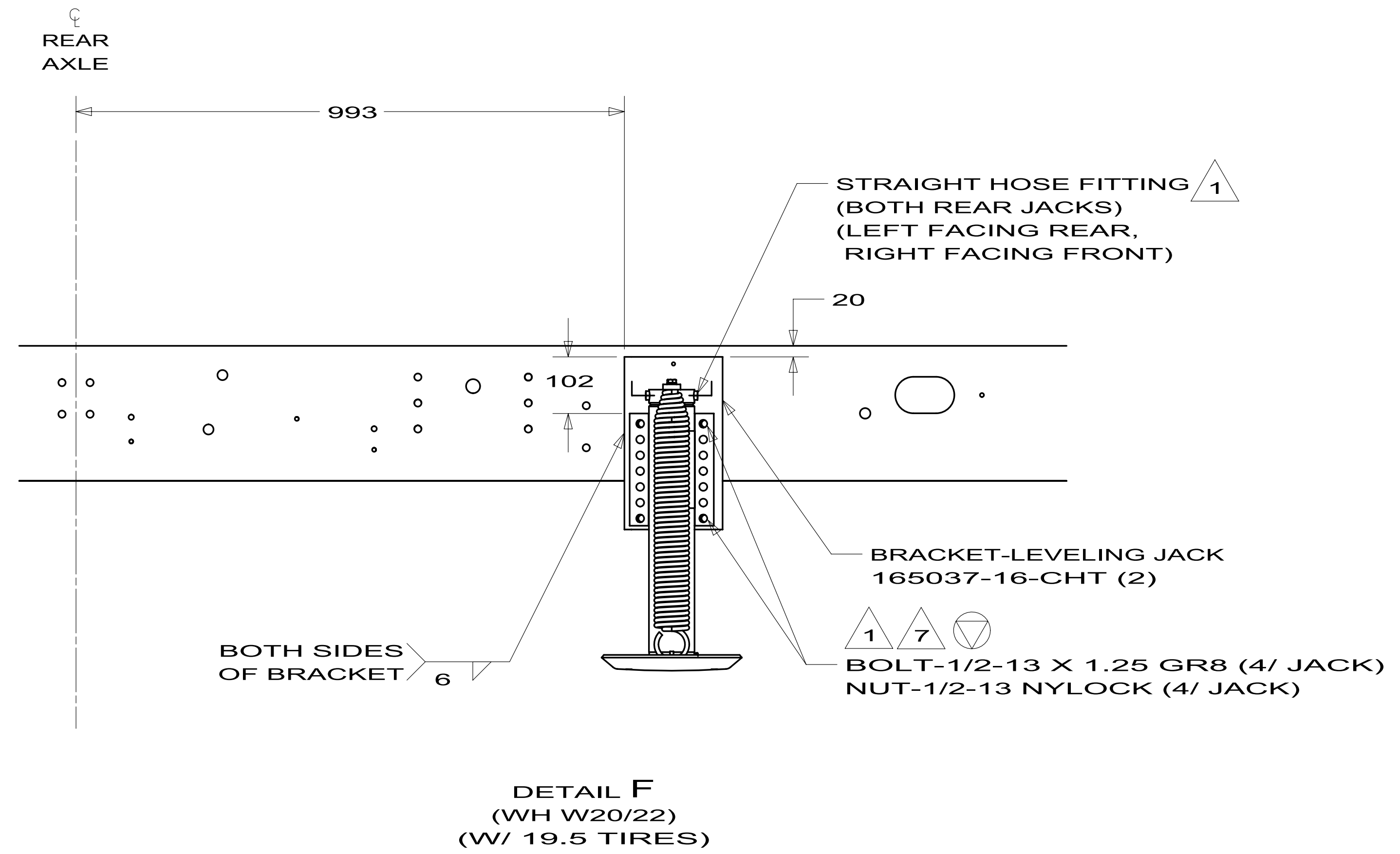
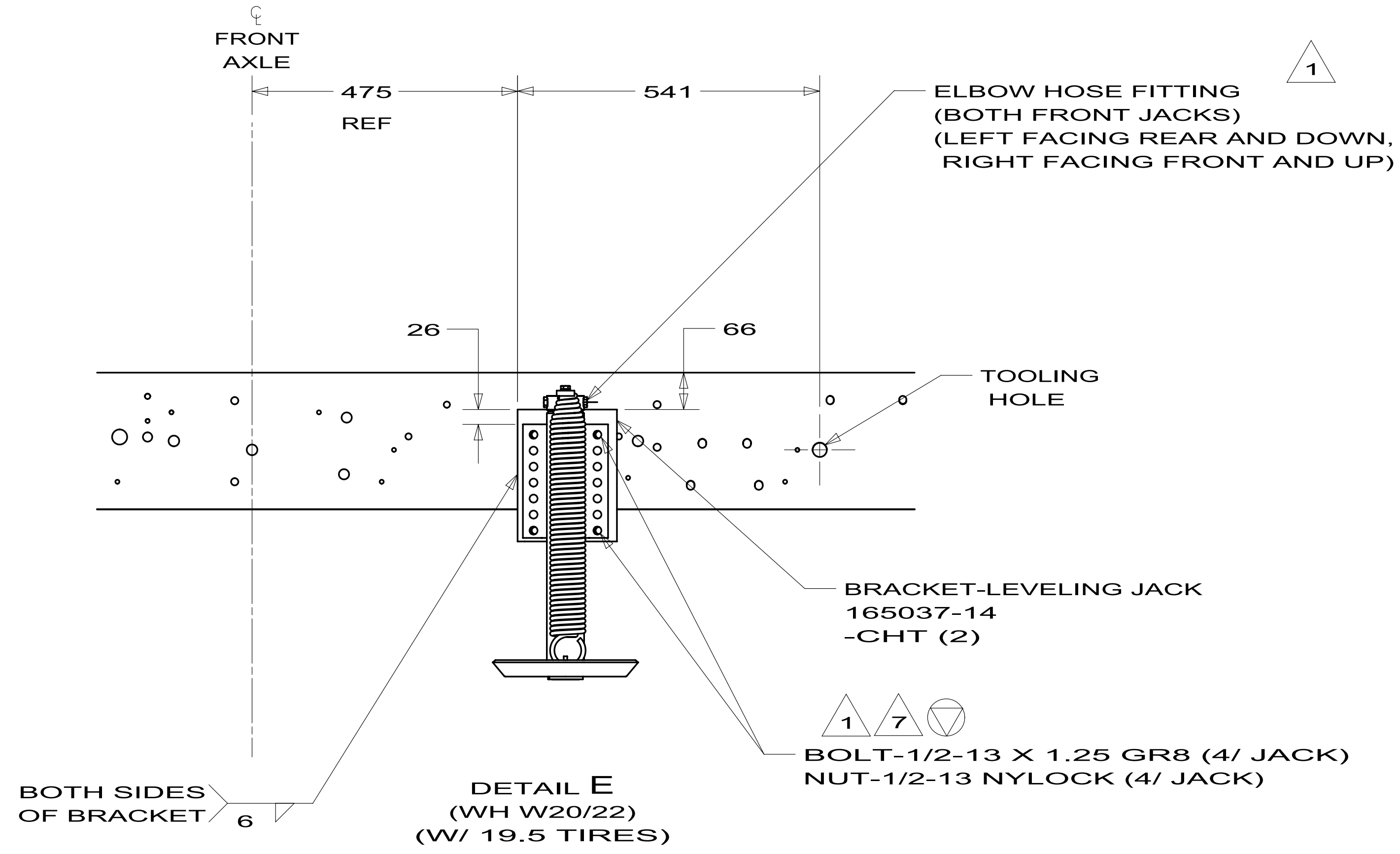


DETAIL C
(WH W16/18)
(W/ 19.5 TIRES)

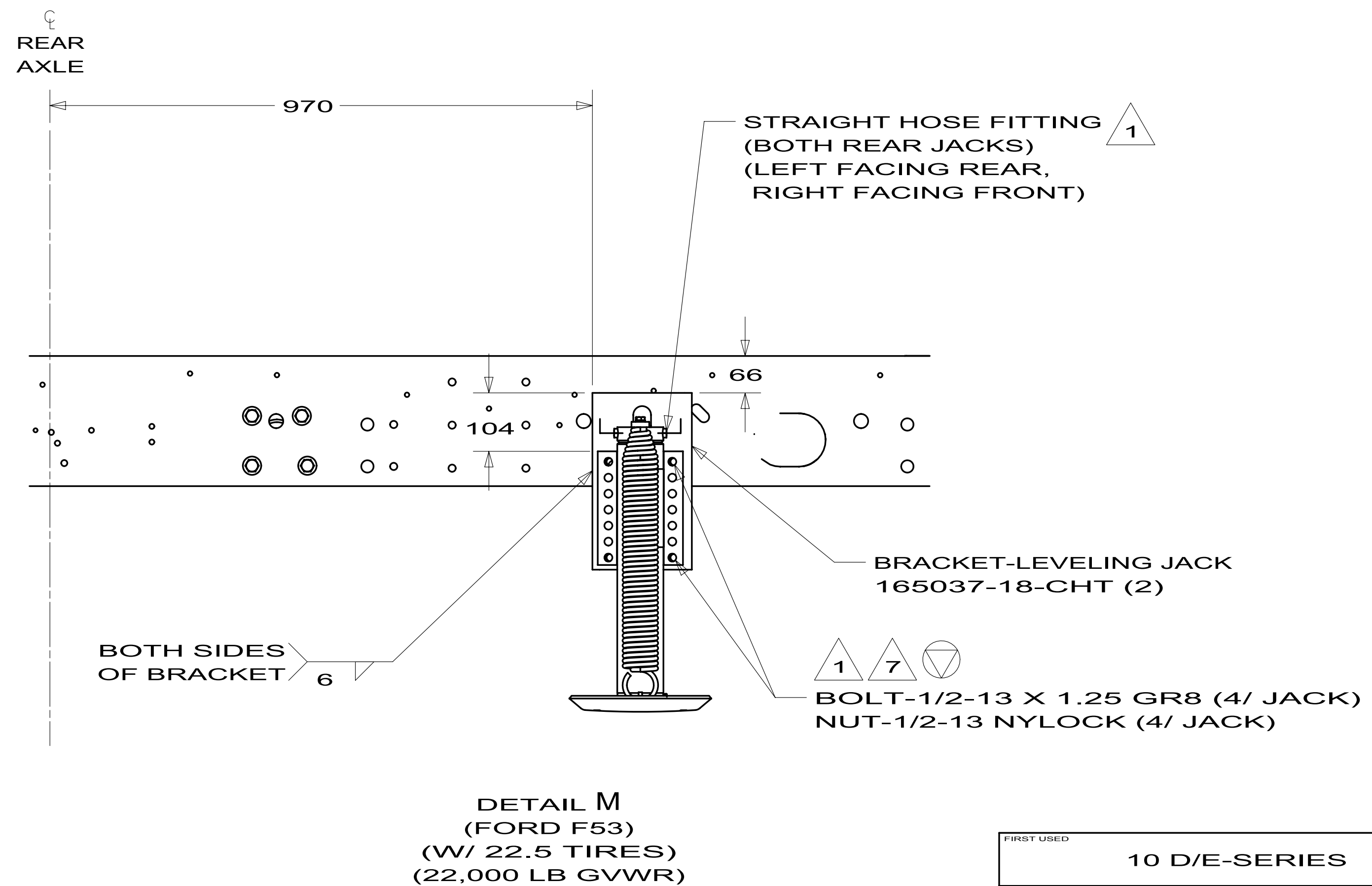
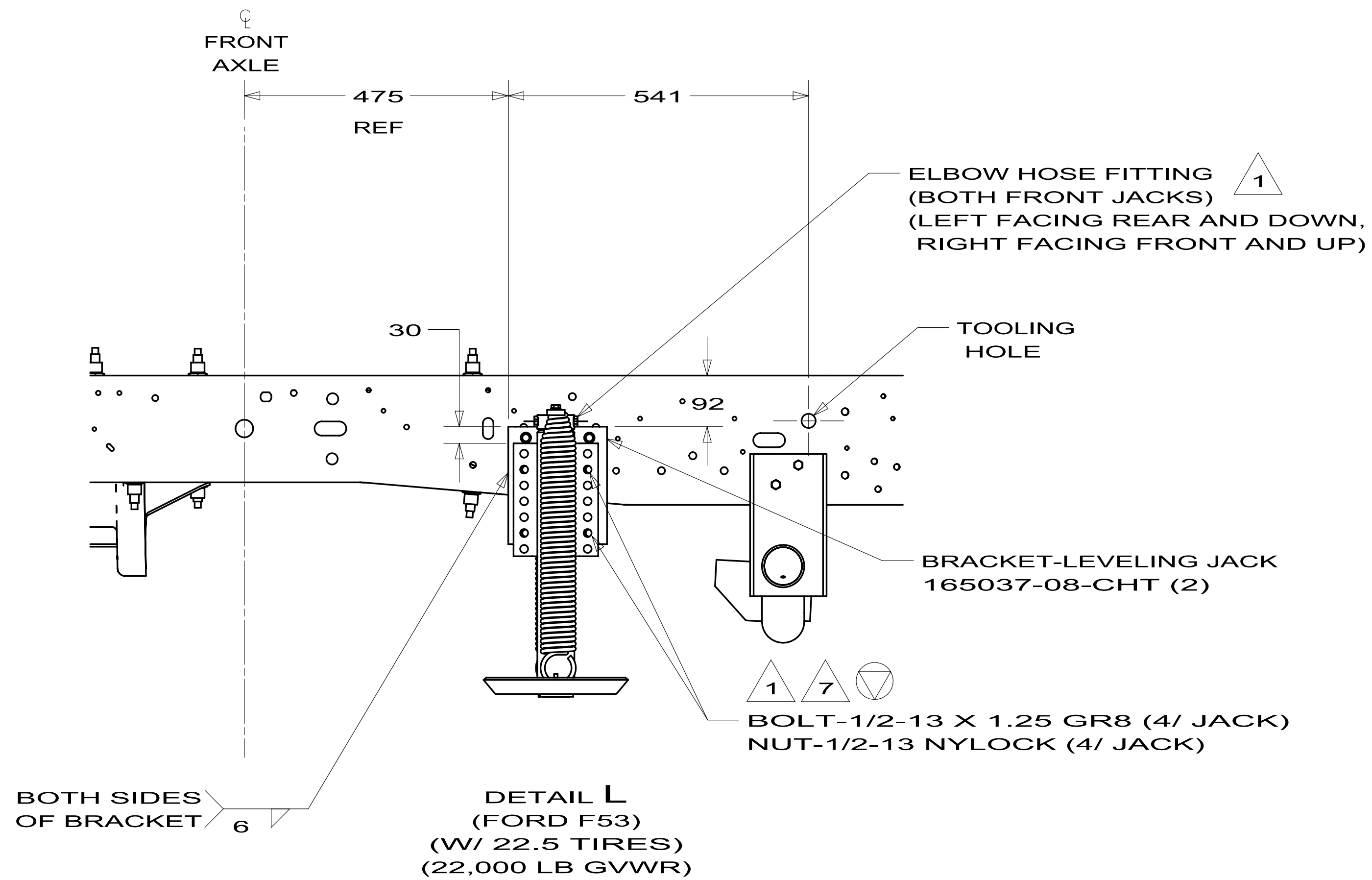
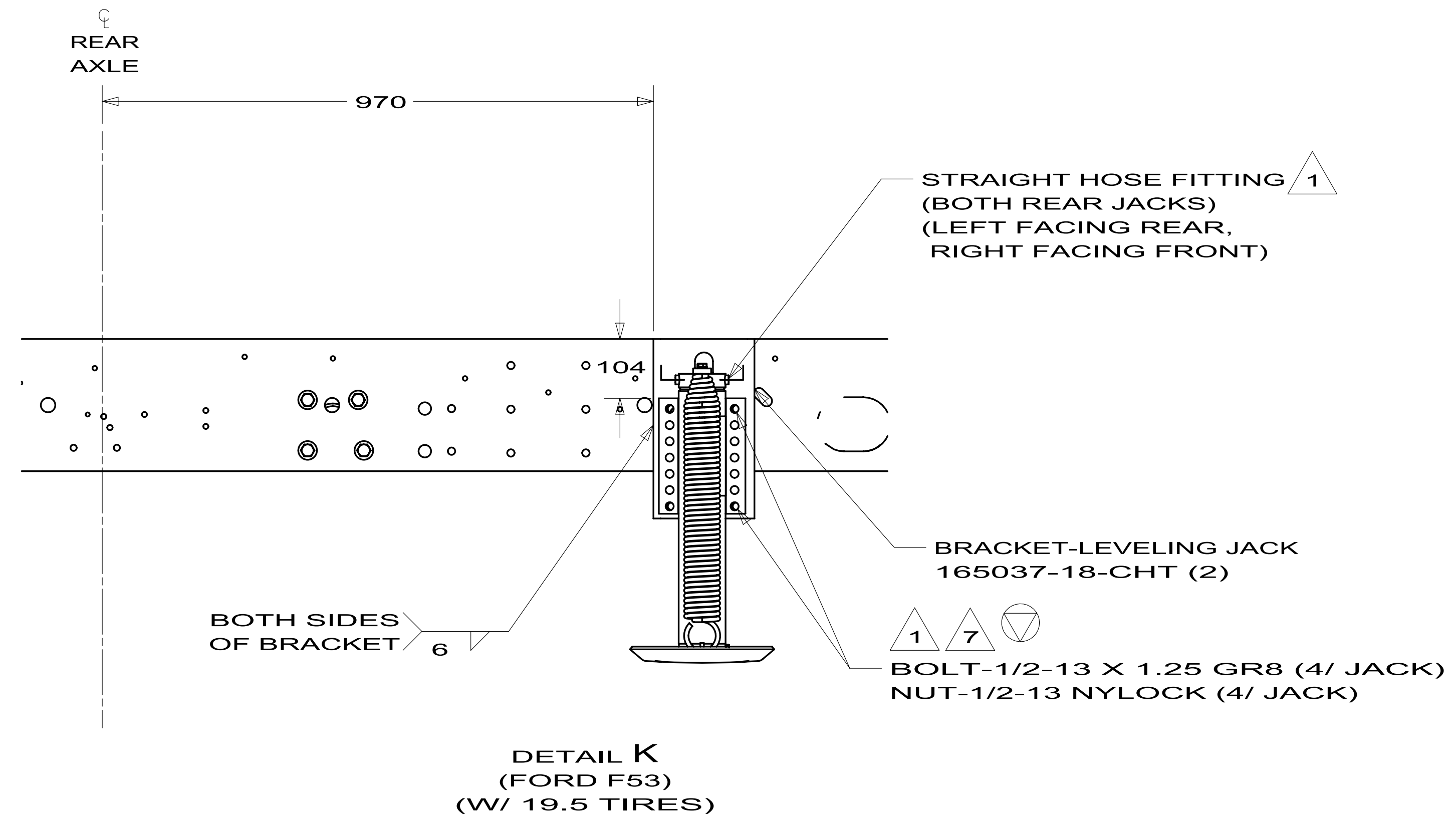
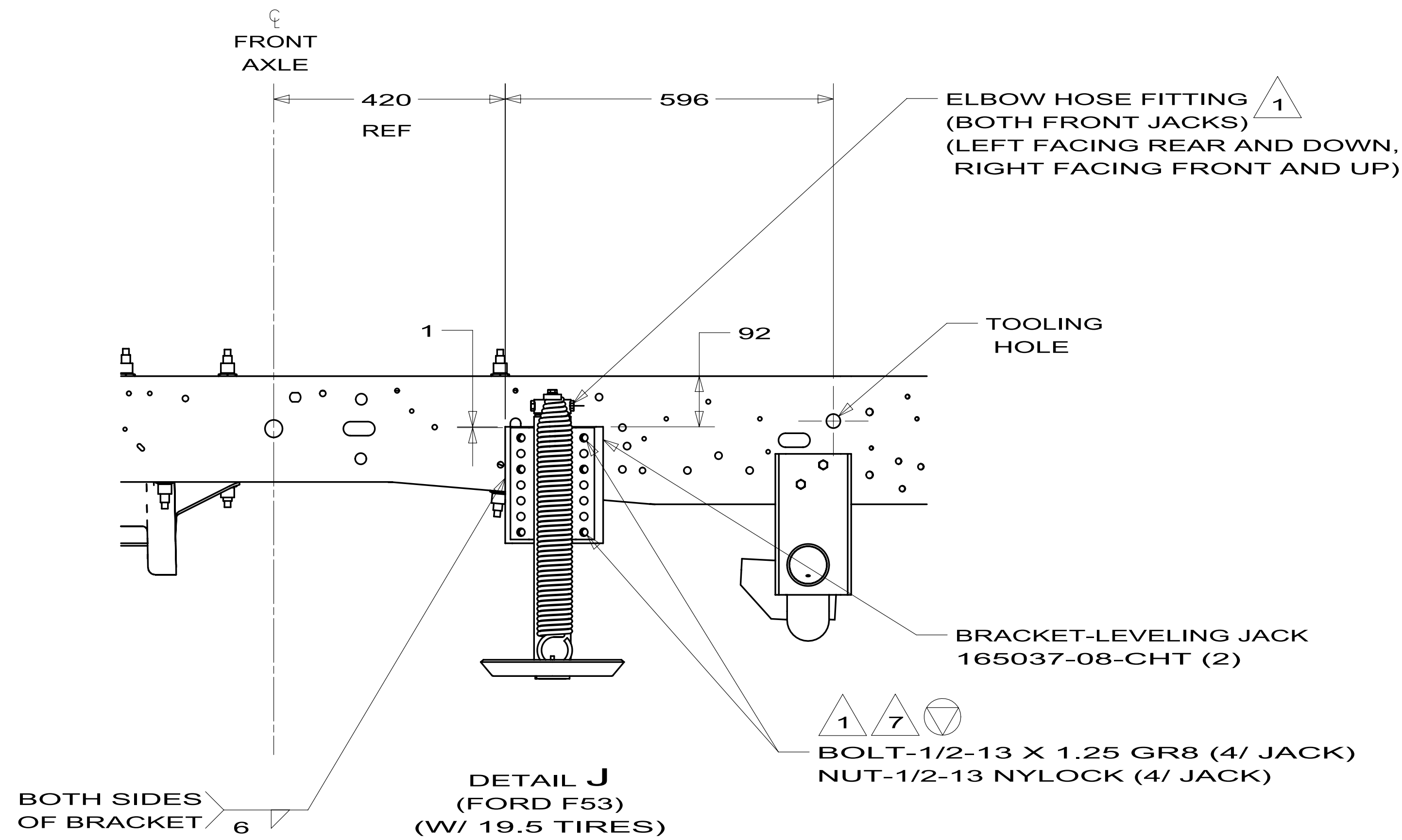


DETAIL D
(WH W16/18)
(W/ 19.5 TIRES)

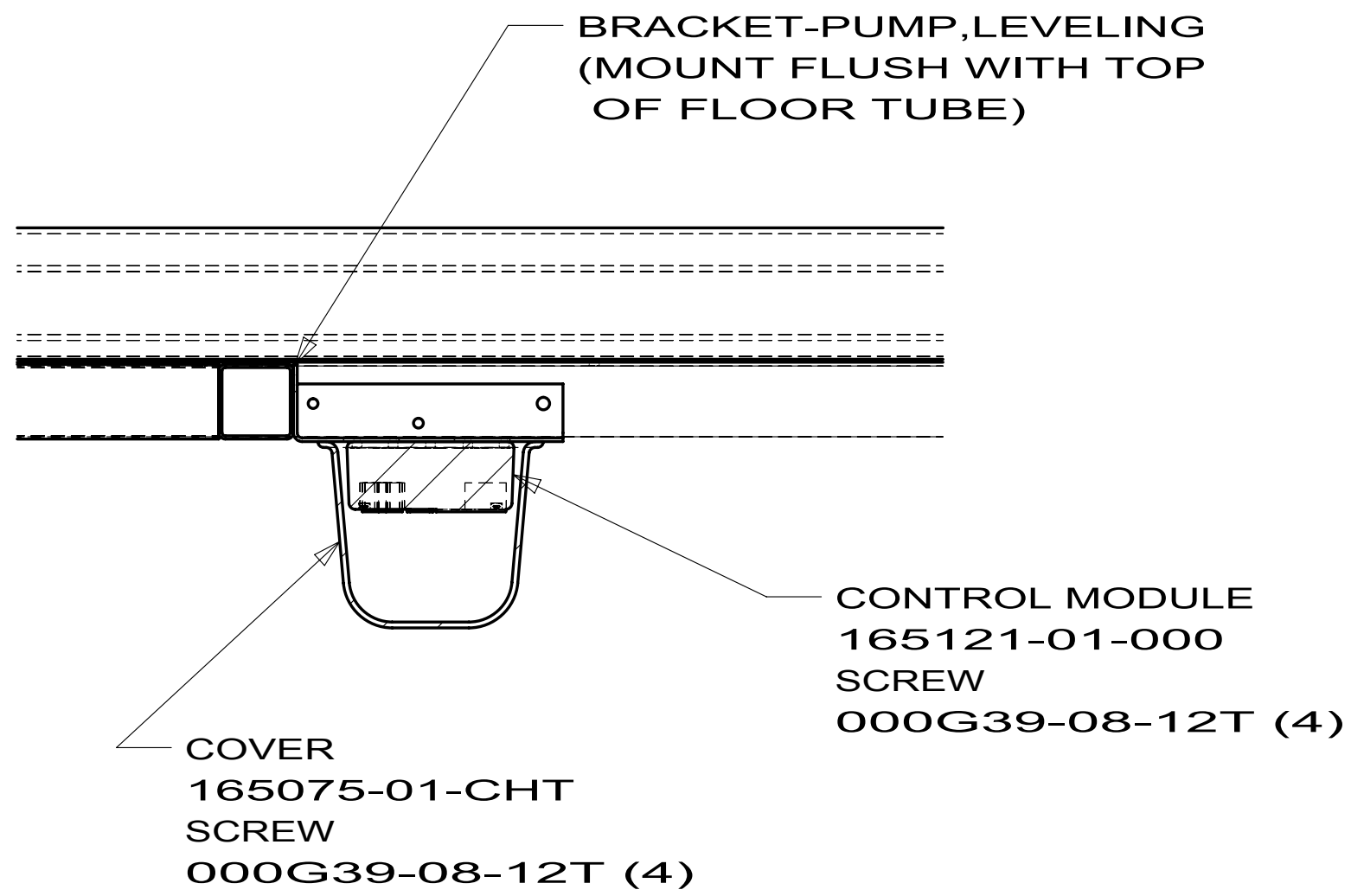
FIRST USED		
10 D/E-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-P/G		
SHEET 3	PART NO 173520	REV



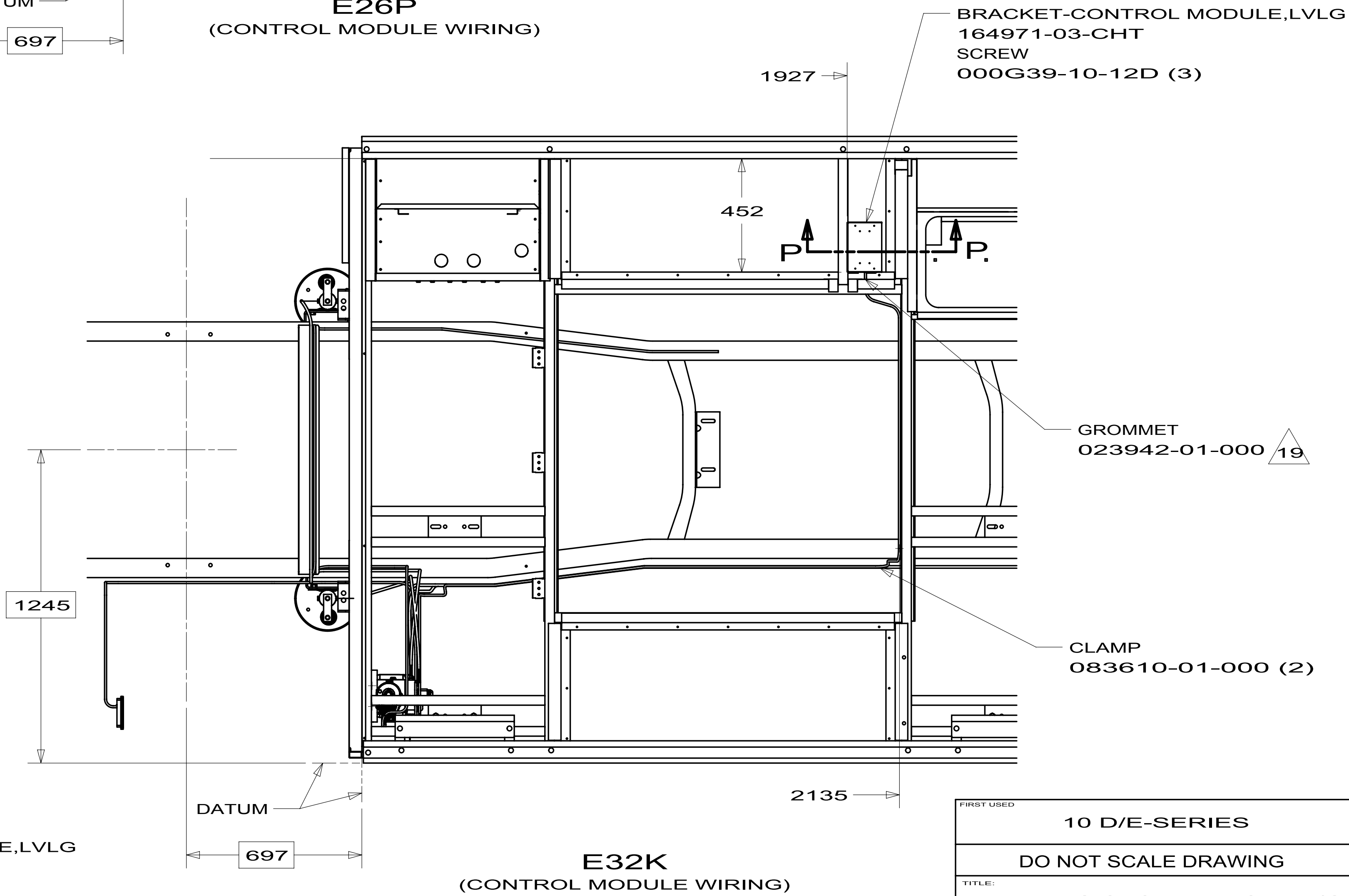
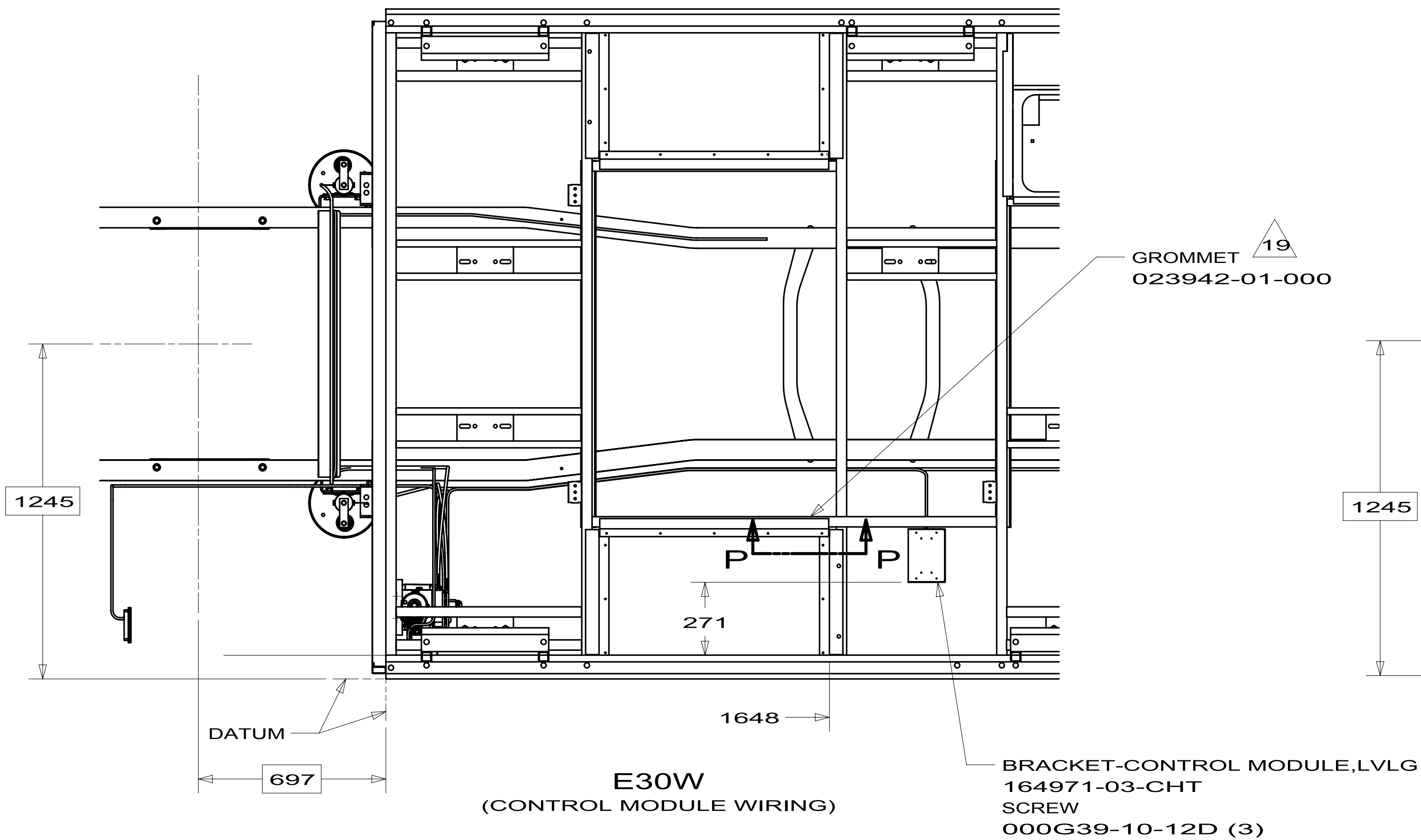
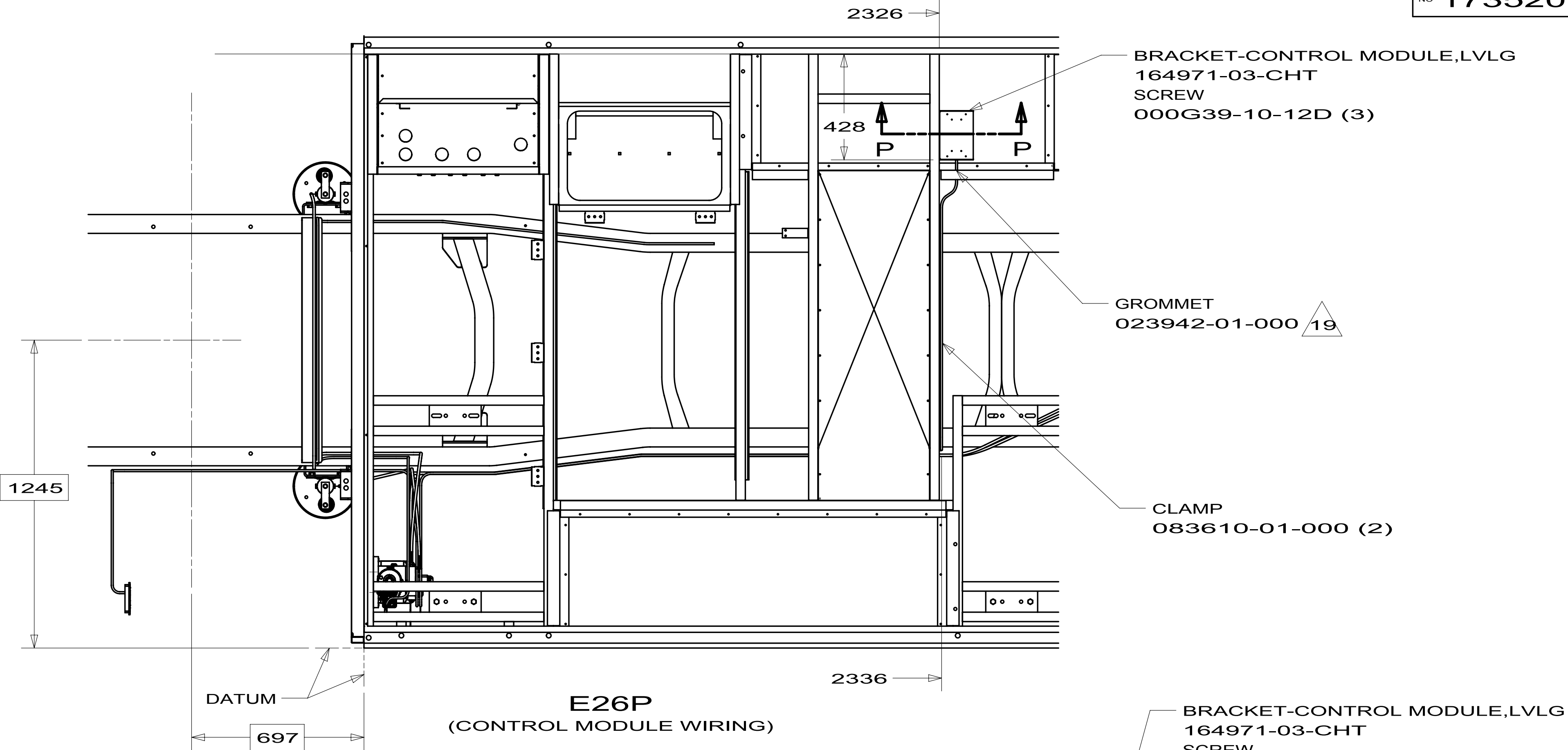
FIRST USED		
10 D/E-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-P/G		
SHEET 4	PART NO 173520	REV



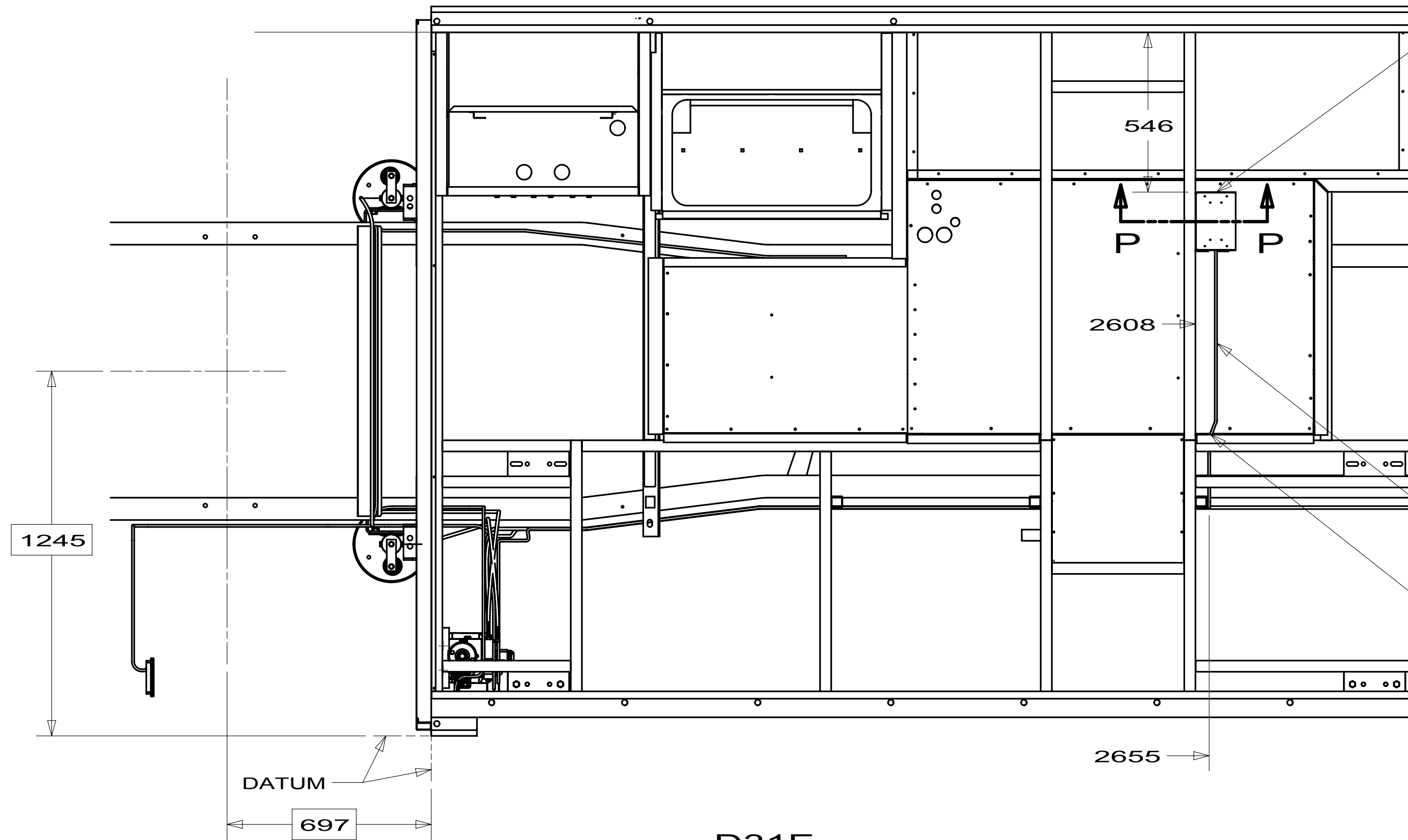
FIRST USED		
10 D/E-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
LEVELING SYSTEM INSTL-P/G		
SHEET 5	PART NO	REV
	173520	



SECTION P-P



FIRST USED		
10 D/E-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-P/G		
SHEET 7	PART NO 173520	REV

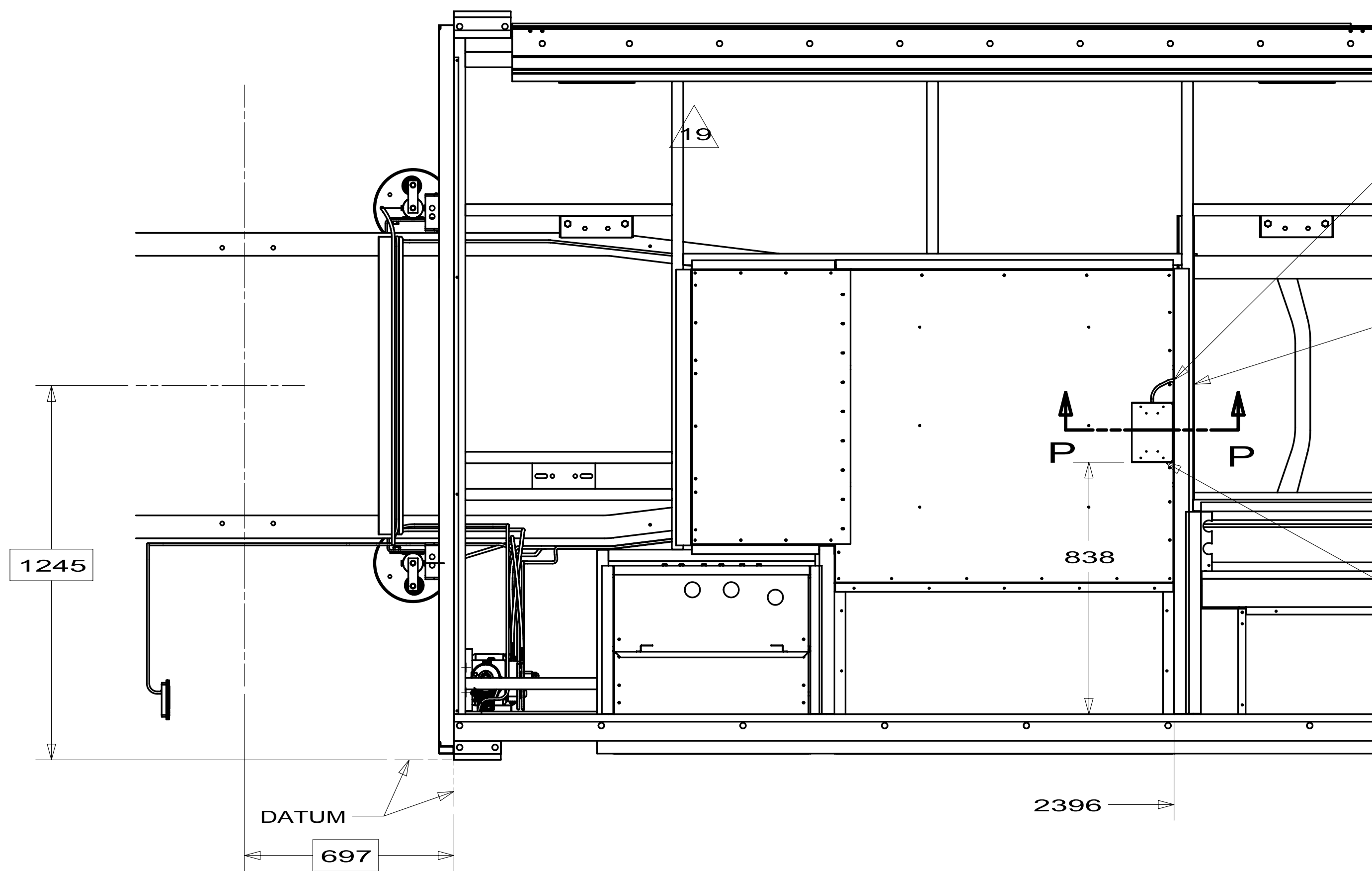


D31E
(CONTROL MODULE WIRING)

BRACKET-CONTROL MODULE,LVLG
164971-03-CHT
SCREW
000G39-10-12D (3)

CLAMP
083610-01-000 (2)

GROMMET
023942-01-000 19



D33C
(CONTROL MODULE WIRING)

GROMMET
023942-01-000 19

CLAMP
083610-01-000

BRACKET-CONTROL MODULE,LVLG
166322-01-CHT
SCREW
000G39-10-12D (6)

FIRST USED		10 D/E-SERIES	
DO NOT SCALE DRAWING			
TITLE: LEVELING SYSTEM INSTL-P/G			
SHEET 8	PART NO	173520	REV

164877-01-000			
KEY	PART NUMBER	U/M	DESCRIPTION
	164877-01-700	EA	PUMP HARNESS - 252"
	164877-01-701	EA	INTERCONNECT HARNESS - 30"
	164877-01-702	EA	SOLENOID
VENDOR NO.			
			1510000065
			1510000072
			09-1141

164877-02-000			
KEY	PART NUMBER	U/M	DESCRIPTION
	164877-01-700	EA	PUMP HARNESS - 252"
	164877-02-700	EA	INTERCONNECT HARNESS - 21'
VENDOR NO.			
			1510000065
			1510000073

165119-01-000			
KEY	PART NUMBER	U/M	DESCRIPTION
	165119-01-700	EA	SPRING KIT - 2.5" X 17"
	165119-01-701	EA	CONE/THREADED - F/SPRING
	165119-01-702	EA	REBUILD KIT (SEALS)
VENDOR NO.			
			500094
			500085
			800138S

165119-02-000			
KEY	PART NUMBER	U/M	DESCRIPTION
	165119-01-700	EA	SPRING KIT - 2.5" X 17"
	165119-01-701	EA	CONE/THREADED - F/SPRING
	165119-02-700	EA	REBUILD KIT (SEALS)
VENDOR NO.			
			500094
			500085
			800199S

165179-01-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	165179-01-700	EA HOSE - 288" - ROADSIDE REAR	080-AA288WSTRR
	165179-01-701	EA HOSE - 288" - CURBSIDE REAR	080-AA228WSTCR
	165179-01-702	EA HOSE - 88" - CURBSIDE FRONT	080-AA088WSTCF
	165179-01-703	EA HOSE - 32" - ROADSIDE FRONT	080-AA032WSTRF

165179-02-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	165179-02-700	EA HOSE - 432" - ROADSIDE REAR	080-AA432WSTRR
	165179-02-701	EA HOSE - 384" - CURBSIDE REAR	080-AA432WSTCR
	165179-02-702	EA HOSE - 168" - ROADSIDE FRONT	080-AA168WSTRF
	165179-02-703	EA HOSE - 120" - CURBSIDE FRONT	A080-AA120WSTCF

Spare Wheel and Tire Matrix
Chassis Model Year 2008 - Current
March 17, 2009

	Chassis	Wheel		Wheel Part Number	Wheel Rating	Weight (lbs.)	Tire	Maximum Tire Rating	Brand	Tire Part Number	Weight (lbs.)
Dodge	3500 Sprinter 500 Series	Magnetto (Mercedes Benz) A 001 401 70 02 16 X 5.5, 6 bolt	CHASSIS SUPPLIED		Wheel not marked	27	LT215/85R16E	2680/2470 @ 80	Continental		27.1
	E350/E450 Super Duty 200,300 & 700 Series	Arvin Meritor 16 X 6, 8 bolt @ 6.5 8C2Z-1015-G	CHASSIS SUPPLIED		Wheel not marked	---	LT225/75R16E	2680/2470 @ 80	Michelin LTX M/S	083425-14-000	71
Ford	F53 16K GVWR E26P	Hayes/Lemmerz (Boriem) 19.5 X 6.0 10 bolt 8U94-1015-BA	CHASSIS SUPPLIED		3750 @ 110	51.5	225/70R19.5G	3970/3750 @ 110	Continental HSR		60.8
	F53 18, 20.5, & 22K GVWR E30W,E32K D31E,D33C, D35J W/19.5 TIRE ONLY	Accuride 29875 19.5 X 6.75, 10 bolt 5U94-1015-AA	CHASSIS SUPPLIED		4000 @ 115	59	245/70R19.5F	4080/3970 @ 85	Goodyear G670		66
Workhorse	W16/W18 E30W	Maxion W0007492 19.5 X 6, 10 bolt	Steel	156482-02-000 Black	3750 @ 110	58.5	225/70R19.5F	3640/3415 @ 95	Michelin XRV	091673-07-000	52
	W20-22 7,500 GAWR-F D33C, E32K	Maxion W0002404 19.5 X 6.75, 8 bolt	Steel	118814-05-000	5000 @ 115	61	245/70R19.5F	4080/3970 @ 95	Goodyear G670RV	102340-08-000	70
	W21/W22 8,000/8,500 GAWR-F D31E	Maxion W0002404 19.5 X 6.75, 8 bolt	Steel	118814-05-000	5000 @ 115	61	245/70R19.5G	4540/4410 @ 110	Goodyear G670RV	102340-09-000	70

BOLT-HEX,3/8-16 X 1/2
000C12-06-24U

SPARE TIRE

STRAP-SPARE TIRE
148969-03-02B

KNOB-HOLD DOWN
134194-01-01A

TUBE-STEEL,W/HOLES
148968-02-02B
SCREW
000G39-10-129 (2)

TUBE-STEEL,W/HOLES
148968-01-02B
SCREW
000G39-10-129 (2)

BRACKET ASM-SPARE TIRE
148982-02-02B
SCREW
000G39-10-129 (4)

SIDEWALL SLUG

5
(2)

VIEW D

308

15

E26P
D33C
156837-17-XXX

TAB -17

FIRST USED			08 D26P
DO NOT SCALE DRAWING			
TITLE: SPARE TIRE COMPL			
SHEET 9	PART NO	156837	REV

2010 AND UP WHEEL TRIM MATRIX

	TIRE AND WHEELS		WHEELCOVERS		WHEEL LINERS				CHASSIS-SUPPLIED PARTS IF ORDERED W/ALUMINUM WHEEL					
	TIRE/WHEEL Ø & WIDTH	WHEEL P/N & MFR	WHEEL COVERS	VALVE EXTENSION	WHEEL LINERS	VALVE EXTENSION	STABILIZER	TORQ. WHEEL LINER	ALUMINUM WHEEL	HUB COVER	VALVE EXTENSION	STABILIZER	NUT COVER	
CHEVY C BODY (14050) NOT USED	225/75R 16"X6.5"	ACCURIDE 29361 AFTERMARKET ACCURIDE 29588	109443-05	REAR:(4)77030-01 REMOVE COVER FOR ACCESS FRONT: (2)77030-01	110435-23-000	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10	△6	(2)95012-07	PUSH ON (NA)	156797 -01 (2) FRONT -02 (2) REAR	156797 -03 (2) FRONT -04 (2) REAR	REAR INNER (2)77030-01	-	REPLACE NUTS W/ (32) 156797-06 NUT COVERS (32) 149749-05
DODGE SPRINTER 2500 BVAN 100 SERIES	245/75R 16"X6.5" 1KD	ALUM DODGE 68004980AA STL(SPARE) DODGE 1J97SZ0AA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DODGE 68004980AA	DODGE 51045708AA (CENTER CAP)	N/A	N/A	BOLT/DODGE 68013444AA
SPRINTER 6 BOLT 16" (DUAL) 500/H SERIES	215/85R 16"X5.5" 1KB 1KM	MAGNETTO MERCEDES A 001 401 71 02	N/A	N/A	154970-02	CHASSIS SUPPLIED REAR	-	PUSH ON (NA)	168919 -01 SET FRONT -02 SET REAR	168919 -03 SET FRONT -04 SET REAR	----	----	PART OF HUB COVER SET(S)	
FORD A BODY F53 10 BOLT 19.5" E/D SERIES	245/70R 19.5"X6.75" 16H 16K	ACCURIDE 29875	N/A	N/A	154672-01	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	△6	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	
FORD A BODY F53 D/J SERIES	235/80R 22.5"X7.5" 16L 16Z	ALCOA DURA-BRITE 873400	N/A	-	-	-	-	-	-	- △1	KIT WITH ATTACHMENT 150723-01 △5	REAR INNER (2)77030-10 △5	-	-
FREIGHT LINER (REAR ENGINE) P/R SERIES 1AF 1LE 1LT 1LU	255/80R 22.5"X8.25" 295/80R 22.5"X8.25" 1LT 1LU	ACCURIDE 50487	N/A	N/A	-	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2)77030-01	(2)77030-11	41-47 NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697 IFS ONLY FRONT ACCURIDE 29560	FRONT FCCC (2)A22-53422-000 129058-15(2) 129058-16/19 129058-17/20 OR 129058-21/22 △2	REAR 1 INSIDE 129058-06 (2) △1	129058-18 (2) △1	(40)129058-10	
FORD C BODY E350/450 200/300/700 SERIES	225/75R 16"X6" 16C 16Y	(ARVIN MERRITOR) FORD 8C24-1015-H	109443 -05-000	REAR: FORD 1/2" FRONT: FORD 1/2" (LIKE 077030-10) REMOVE COVER FOR REAR ACCESS	110435-23-000	REAR INNER (2)95012-05 REAR OUTER AND FRONT CHASSIS SUPPLIED 1/2"(77030-10)	△6	(2)95012-07	PUSH ON (NA)	(2)149749-01 (2)149749-02	156797 -03(2)FRONT -04(2)REAR	REAR INNER (2)77030-01	----	REPLACE NUTS W/ (32) 149749-06 NUT COVERS (32) 149749-05
FORD A BODY F53 16K 2009 E26P	225/70R 19.5"X6.0" 16N	(HAYES LAMMERZ) FORD 8U94-1015-BA	N/A	N/A	154672-02	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	△6	(2)95012-07	41-47NM 30-35 LB/FT	N/A	----	----	----	----
FRONT ENGINE FREIGHT LINER J SERIES	225/80R 22.5"X8.25" 1L1 1LL	ACCURIDE 50487	N/A	N/A	145580-05	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2) 77030-01	(2)77030-11	41-47NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697	FRONT FCCC(2) A22-53422-000 129058-15(2) 129058-17/20	REAR 1 INSIDE 129058-06 (2) △1	129058-18 (2) △1	(40)129058-10	

5  WINNEBAGO INSTALLED.

4 FREIGHTLINER LOGO NOT FOR WORKHORSE APPLICATION.

3/ NO WINNEBAGO 8 BOLT HUB COVER WITHOUT PORT.

2 / BRACKET-17/20 FOR 145 AXLE, BRACKET-21/22 FOR 144 AXLE.

1 CHASSIS SUPPLIED

SOME PARTS UNIQUE TO CHASSIS MFGR., NO WINNEBAGO P/N

CONTINUED ON NEXT PAGE

FIRST USED		
07 MOTORHOMES		
DO NOT SCALE DRAWING		
TITLE:		
WHEEL INSTL		
SHEET 1	PART NO 159483	REV

8		7		6		5		4		3		2		1	
2010 WHEEL TRIM MATRIX CONTINUED														DWG NO 159483	
D		TIRE AND WHEELS		WHEELS AND COVERS		WHEEL LINERS				CHASSIS-SUPPLIED PARTS IF ORDERED W/ALUMINUM WHEEL					
		TIRE/WHEEL Ø & WIDTH	WHEEL P/N & MFGR	WHEEL COVERS	VALVE EXTENSION	WHEEL LINERS	VALVE EXTENSION	STABILIZER	TORQ. WHEEL LINER	ALUMINUM WHEEL	HUB COVER	VALVE EXTENSION	STABILIZER	NUT COVER	
	WORKHORSE W16/18 E26P/E30W	225/70R 19.5"X6" 1PJ 1PL	MAXION W0007492	N/A	-	145580-06	REAR INNER CHASSIS SUPPLIED	N/A	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	-	
	WORKHORSE W20/22 E/D SERIES	245/70R 19.5"X6.75" 1PE 1PR	MAXION W0002404	N/A	-	134609-02 145580-03	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10 6	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	(2)118815-02 (2)118815-03 ALCOA 764481 764482	(2)129058-15 (2)129058-17	95012-09 (2)	129058-07 (2)	(32)129058	
	WORKHORSE W20/22/24 D/J SERIES	225/70R 22.5"X6.75" 1PS 1PU 1PV	MAXION W0002404	N/A	-	134609-05 145580-02	REAR INNER (2)95012-10 REAR OUTER (2)77030-01 FRONT (2)77030-10 6	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	(2)128689-01 (2)128689-02 ALCOA 873401	(2)129058-15 (2)129058-17 SIMILAR TO -14 (2) 3 -16 (2) 4	FLEX HOSE 1	129058-07 (2)	(32)129058	
C	-	-	-	-	-	-	-	-	-	-					

2010 AND UP WHEEL TRIM MATRIX

	TIRE AND WHEELS		WHEELCOVERS		WHEEL LINERS				CHASSIS-SUPPLIED PARTS IF ORDERED W/ALUMINUM WHEEL				
	TIRE/WHEEL Ø & WIDTH	WHEEL P/N & MFGR	WHEEL COVERS	VALVE EXTENSION	WHEEL LINERS	VALVE EXTENSION	STABILIZER	TORQ. WHEEL LINER	ALUMINUM WHEEL	HUB COVER	VALVE EXTENSION	STABILIZER	NUT COVER
CHEVY C BODY (14050) NOT USED	225/75R 16"X6.5"	ACCURIDE 29361 AFTERMARKET ACCURIDE 29588	109443-05	REAR:(4)77030-01 REMOVE COVER FOR ACCESS FRONT: (2)77030-01	110435-23-000	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10	(2)95012-07	PUSH ON (NA)	156797 -01 (2) FRONT -02 (2) REAR	156797 -03 (2) FRONT -04 (2) REAR	REAR INNER (2)77030-01	-	REPLACE NUTS W/ (32) 156797-06 NUT COVERS (32) 149749-05
DODGE SPRINTER 2500 BVAN 100 SERIES	245/75R 16"X6.5" (1KD)	ALUM DODGE 68004980AA STL(SPARE) DODGE 1J97SZ0AA	N/A	N/A	N/A	N/A	N/A	N/A	DODGE 68004980AA	DODGE 51045708AA (CENTER CAP)	N/A	N/A	BOLT/DODGE 68013444AA
SPRINTER 6 BOLT 16" (DUAL) 500/H SERIES	215/85R 16"X5.5" (1KB) (1KM)	MAGNETTO MERCEDES A 001 401 71 02	N/A	N/A	154970-02	CHASSIS SUPPLIED REAR	-	PUSH ON (NA)	168919 -01 SET FRONT -02 SET REAR	168919 -03 SET FRONT -04 SET REAR	----	----	PART OF HUB COVER SET(S)
FORD A BODY F53 10 BOLT 19.5" E/D SERIES	245/70R 19.5"X6.75" (16K) (16H)(2009)	ACCURIDE 29875	N/A	N/A	154672-01	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	
FORD A BODY F53 D/J SERIES	235/80R 22.5"X7.5" (16L) (16Z)	ALCOA DURA-BRITE 873400	N/A	-	-	-	-	-	-	KIT WITH ATTACHMENT 150723-01 (5)	REAR INNER (2)77030-10 (5)	-	-
FREIGHT LINER (REAR ENGINE) P/R SERIES (1AF) (1LE)	255/80R 22.5"X8.25" 295/80R 22.5"X8.25" (1LT) (1LU)	ACCURIDE 50487	N/A	N/A	-	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2)77030-01	(2)77030-11	41-47 NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697 IFS ONLY FRONT ACCURIDE 29560	FRONT FCCC (2)A22-53422-000 129058-15(2) 129058-16/19 129058-17/20 OR 129058-21/22(2)	REAR (1) INSIDE 129058-06 (2) (1)	129058-18 (2) (1)	(40)129058-10
FORD C BODY E350/450 200/300/700 SERIES	225/75R 16"X6" (16C) (16Y)	(ARVIN MERRITOR) FORD 8C24-1015-H	109443 -05-000	REAR: FORD 1/2" FRONT: FORD 1/2" (LIKE 077030-10) REMOVE COVER FOR REAR ACCESS	110435-23-000	REAR INNER (2)95012-05 REAR OUTER AND FRONT CHASSIS SUPPLIED 1/2"(77030-10)	(2)95012-07	PUSH ON (NA)	(2)149749-01 (2)149749-02 (UP TO 06-22-09) (2)149749-07 (2)149749-08 (AFTER 06-23-09)	156797 -03(2)FRONT -04(2)REAR	REAR INNER (2)77030-01	----	REPLACE NUTS W/ (32) 149749-06 NUT COVERS (32) 149749-05
FORD A BODY F53 16K 2009 E26P 18K (2011) E/D SERIES	225/70R 19.5"X6.0" (16N) (16H)(2011)	(HAYES LAMMERZ) FORD 8U94-1015-BA	N/A	N/A	154672-02	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	(2)95012-07	41-47NM 30-35 LB/FT	N/A	----	----	----	----
FRONT ENGINE FREIGHT LINER J SERIES	225/80R 22.5"X8.25" (1L1) (1LL)	ACCURIDE 50487	N/A	N/A	145580-05	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2) 77030-01	(2)77030-11	41-47NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697	FRONT FCCC(2) A22-53422-000 129058-15(2) 129058-17/20	REAR (1) INSIDE 129058-06 (2) (1)	129058-18 (2) (1)	(40)129058-10

CONTINUED ON NEXT PAGE

FIRST USED		07 MOTORHOMES	
DO NOT SCALE DRAWING			
TITLE:			
WHEEL INSTL			
SHEET 1	PART NO	159483	REV

SOME PARTS UNIQUE TO CHASSIS MFGR., NO WINNEBAGO P/N

2010 WHEEL TRIM MATRIX CONTINUED

[illegible]

KEY	PART NUMBER	U/M	DESCRIPTION
	110435-04-705	EA	DECAL-CTR HUB 2 3/4" DIAMOND
	110435-10-705	EA	TOOL/JAMB NUT INSTALLATION
	110435-20-700	EA	JAMB NUT W/COVER - METRIC
	154672-01-700	EA	LINER - WHEEL - FRONT
	154672-01-701	EA	LINER - WHEEL - REAR

154672-01-000
VENDOR NO.
2 3/4 DECAL DIAMOND
V195P7-TOL
V195F9-EJN-MF
V195F6-FWC
V195F6-RWC

KEY	PART NUMBER	U/M	DESCRIPTION
	110435-04-705	EA	DECAL-CTR HUB 2 3/4" DIAMOND
	110435-10-705	EA	TOOL/JAMB NUT INSTALLATION
	110435-20-700	EA	JAMB NUT W/COVER - METRIC
	154672-02-700	EA	LINER - WHEEL - FRONT
	154672-02-701	EA	LINER - WHEEL - REAR

154672-02-000
VENDOR NO.
2 3/4 DECAL DIAMOND
V195P7-TOL
V195F9-EJN-MF
V195F66M-FWC
V195F66M-RWC