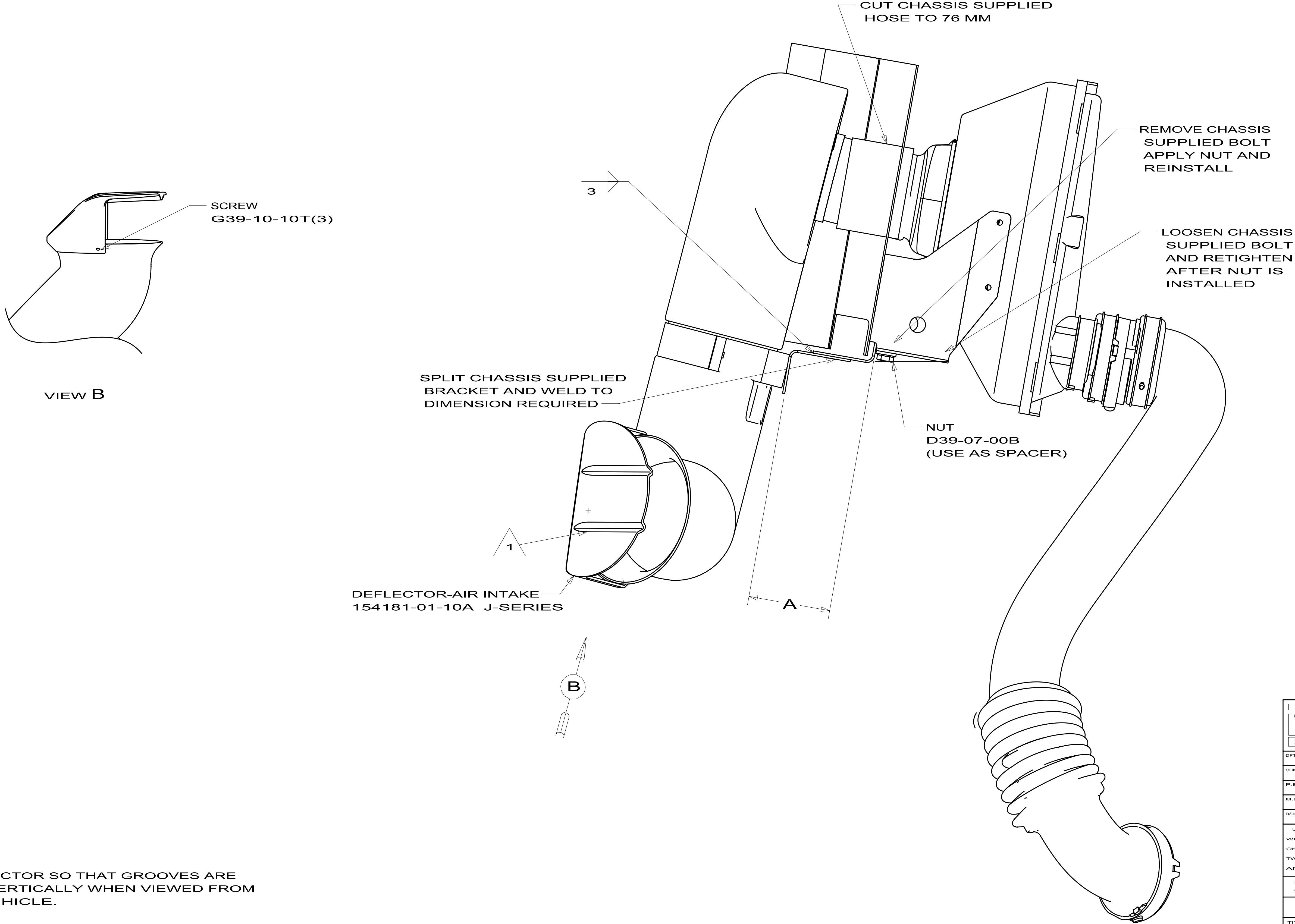


8		7	
DWG NO	-----	A	DEFLECTOR
147589-01	J SERIES	1	154181-01-CHT
147589-	D E SERIES	8	-----

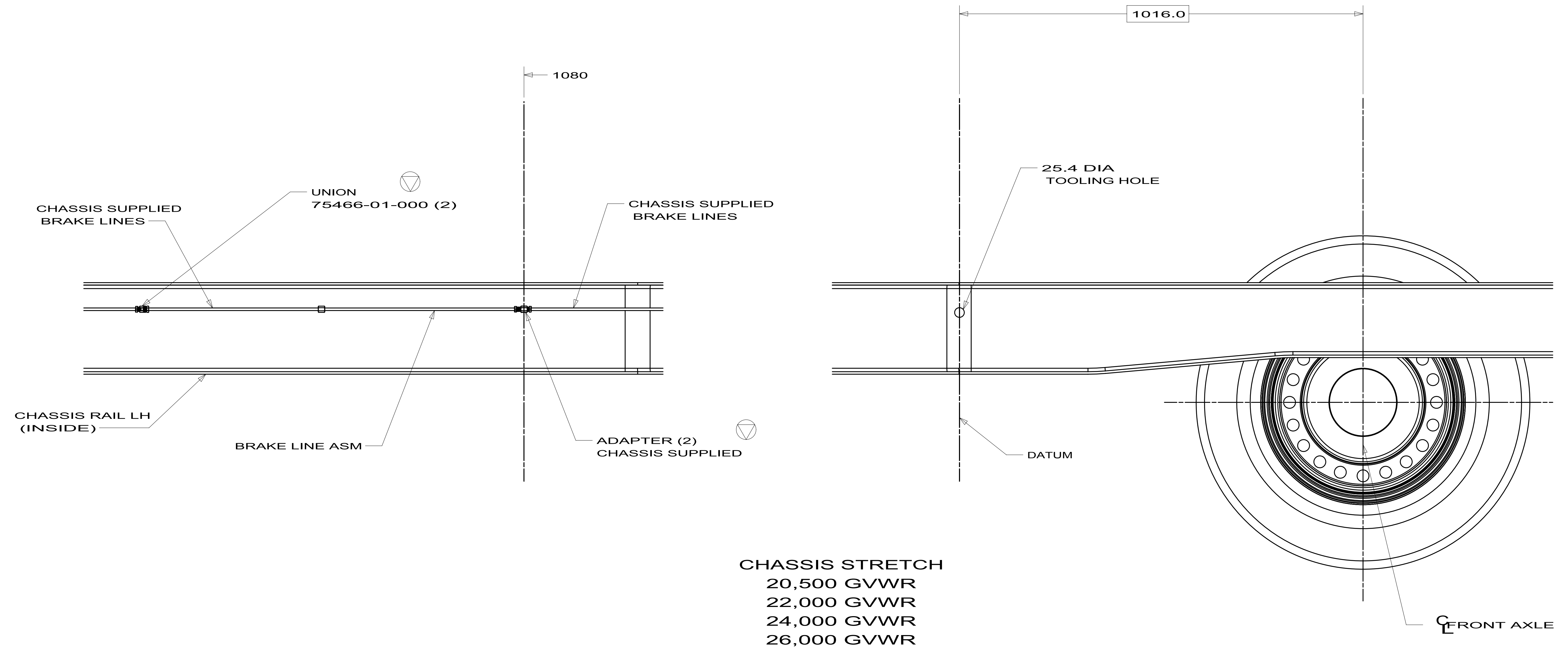
1	
RELEASE	REV DATE
A	
DWG NO	147589
REV	ZONE
REVISION RECORD	
DATE	DFTR-ORIG



WORKHORSE
CHASSIS
ONLY

1. ORIENT DEFLECTOR SO THAT GROOVES ARE POSITIONED VERTICALLY WHEN VIEWED FROM FRONT OF VEHICLE.

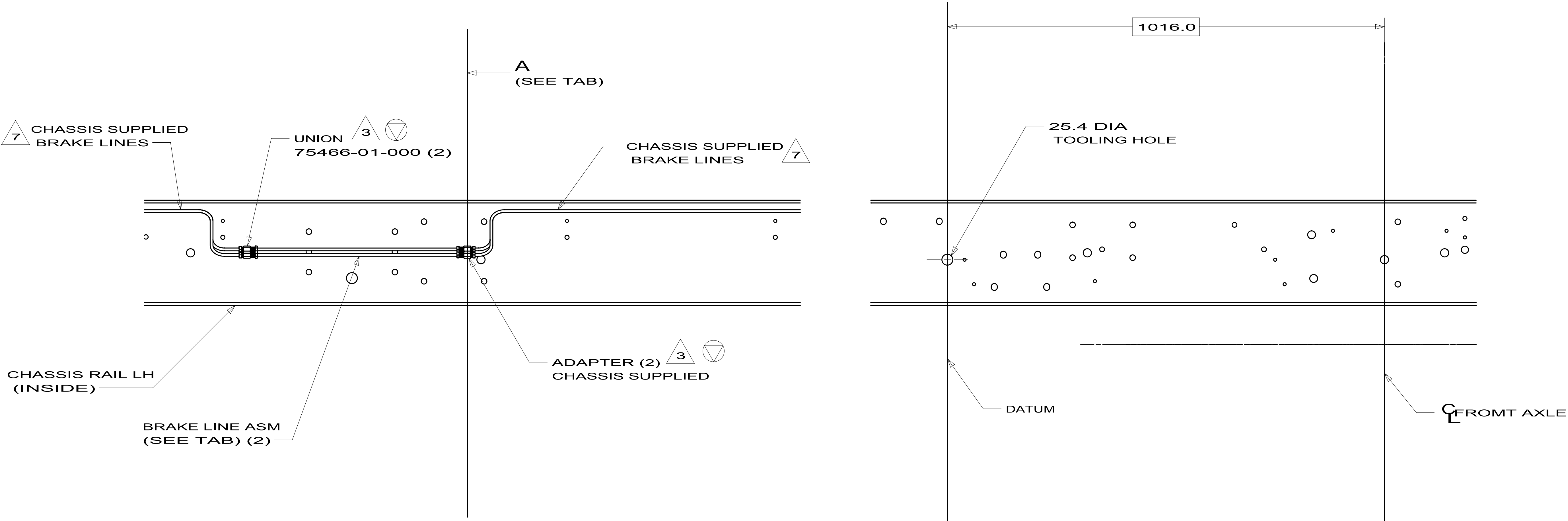
WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE		
CHRR	ALL DIMENSIONS ARE IN MILLIMETERS		
P.E.			
M.E.	FIRST USED		
DSNR	04 F,G-SERIES		
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE:			
AIR INTAKE INSTL			
SHEET 1 OF 1	PART NO	147589	REV



FIRST USED		
04 FORD F53		
DO NOT SCALE DRAWING		
TITLE: BRAKE LINE INSTL		
SHEET 1	PART NO 147430	REV

8		7		6		5		4		3		2		1	
DWG NO	-----	WHEEL BASE	BRAKE LINE ASM	REAR CONNECTION A	FRONT CONNECTION B	UNIT									
147429-01	STRETCH	190" TO 208"	75532-23-000	2800	-----	NOT USED									
147429-02	STRETCH	190" TO 220"	75532-01-000	2800	-----	NOT USED									
147429-03	STRETCH	208" TO 220"	75532-02-000	3275	-----	J32H									
147429-04	STRETCH	208" TO 228"	75532-07-000	3275	-----	J35P,J35Z									
147429-05	STRETCH	228" TO 248"	75532-07-000	3750	-----	J37F/38N									
147429-06	STRETCH	228" TO 266"	75532-20-000	3750	-----	D37L									
147429-07	SHRINK	228" TO 208"	RH=75532-24-000 LH=75532-25-000	3750	840	N/A									
147429-08	SHRINK	228" TO 220"	RH=75532-26-000 LH=75532-27-000	3750	840	N/A									

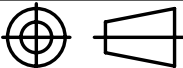
RELEASE		REV	DATE	DWG NO		147429	
REV	ZONE	REVISION RECORD			DATE	DFTR-ORIG	
B	---	TABS -07 & -08, BRAKE LINE COLUMN			9/15/08	7524-8234	



CHASSIS STRETCH

8. REPLACES CHASSIS SUPPLIED LINE BETWEEN A AND B.
7. GOLD NUT TO LEFT REAR BRAKE. SILVER OR LIGHT GREEN NUT TO RIGHT REAR BRAKE.
6. REFILL BRAKE FLUID RESERVIOR TO CAPACITY USING 73717-01-000.
5. BLEED BRAKE LINES AND CHECK FOR LEAKS AFTER APPLING BRAKES 4 TIMES WITH APPROXIMATELY 150 POUNDS OF PRESSURE. NOTING AND CORRECTING ANY PEDEL BLEED DOWN OR WARNING LIGHT INDICATION.
4. DRAIN, RECOVER, CLEAN-UP AND REMOVE ALL BRAKE FLUID FROM THE AREA PRIOR TO CUTTING OR WELDING. DO NOT REUSE RECOVERED BRAKE FLUID.
3. TORQUE TO 21-27 Nm (14-20 LB/FT).
2. TORQUE TO 14-20 Nm (10-15 LB/FT).
1. FASTEN WITH EXISTING CLAMP WHEN APPLICABLE.

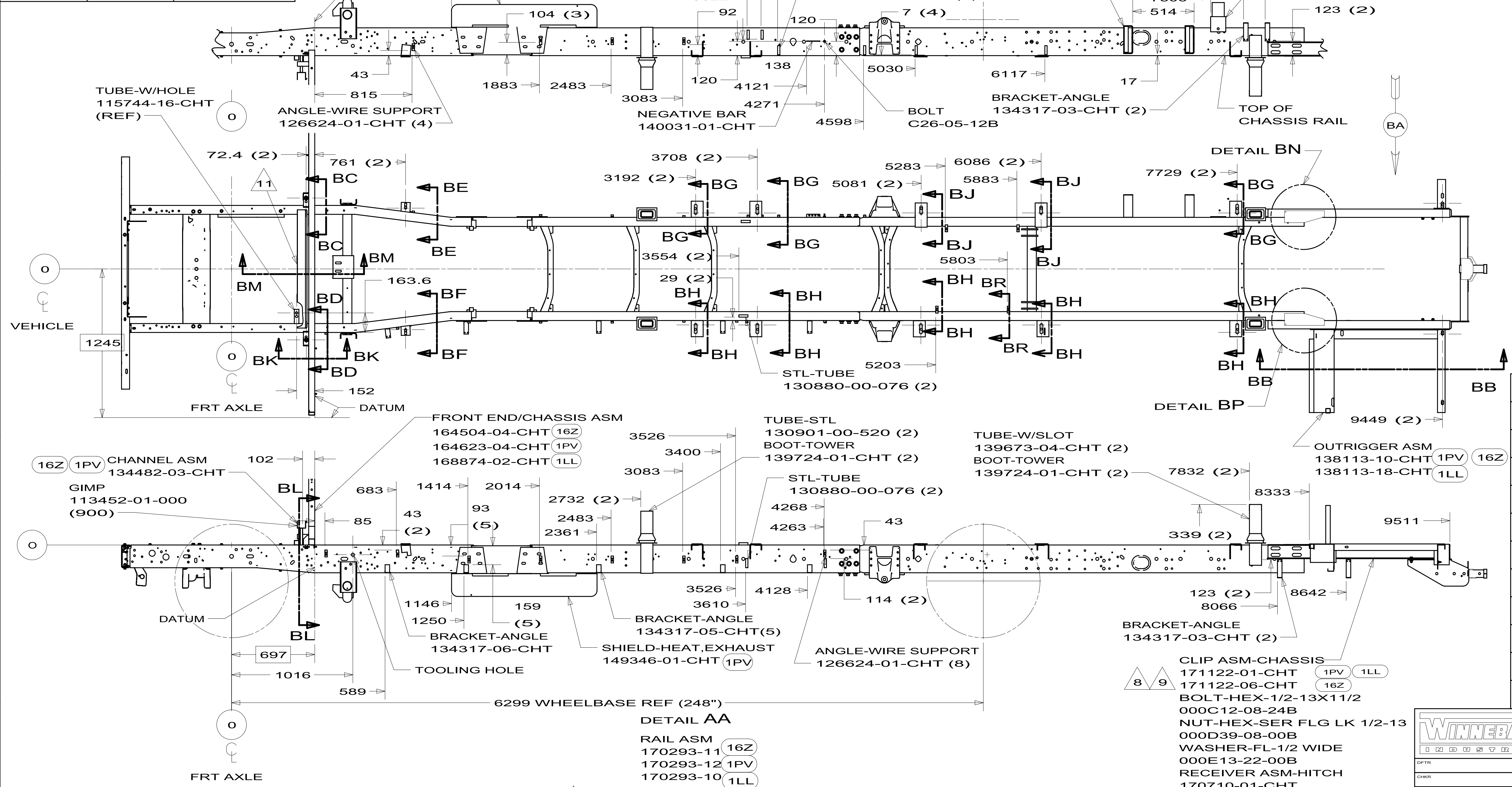
NOTES:

WINNEBAGO® INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFTR		ORIG. DATE	
CHRR		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:			
BRAKE LINE INSTL			
SHEET1 OF 1		PART NO	REV
		147429	
REF:		1	

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

DWG NO	RAIL ASM	SEAL PLANE-LH
170293-01	170293-11	170293-17
170293-02	170293-12	170293-17
170293-03	170293-10	170293-20

RELEASE	REV	DATE	DWG NO	170293
	A			
REV	ZONE	REVISION RECORD	DATE	DTR-ORIG



- NOTES:
- CLEAN AND PAINT WITH UNDERCOATING 100053-03-000.
 - CLEAN AND E-COAT ALL PIECE PARTS PRIOR TO ASSEMBLY.
 - SEAL ALL JOINTS OF COMPARTMENTS AND CLOSEOUT PANELS WITH SEALANT 53766-01-000.
 - TORQUE TO 140 ± 14 FT-LBS.
 - USE SHIMS AS REQUIRED.
 - WELD PER ES0063, UNLESS OTHERWISE SPECIFIED.

- SECTION OF MATERIAL TO BE REMOVED.
- WELD CROSSMEMBER TO FRAME RAIL AND REMOVE BOLTS FROM CROSSMEMBER BEFORE INSTALLATION OF CLIP ASM.
- TO BE INSTALLED AFTER FLOOR ASSEMBLY IS LOCATED ON CHASSIS.
- MAINTAIN 25mm GAP FROM HOSE TO CHANNEL.
- ADD SHIM 136538-01-CHT (A/R) BETWEEN HITCH AND FRAME TO A MAXIMUM OF 10 MM TO ALIGN HITCH WITH BUMPER: RE-TORQUE BOLTS TO SPECIFICATIONS.

- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID
- 611 WTR HTR-AUX AUTO/MOTORAIID
- 16Z FORD - 24,000# GVWR
- 1PV WORKHORSE - 24,000# GVWR
- 1LL FRTL(FRED)27K-300HP 22.5TIRE

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

170293-20	11
170293-19	4
170293-18	4
170293-17	10
170293-16	9
170293-15	7
170293-14	5
170293-13	3
170293-12	1
170293-11	1
170293-10	1
P/N	SHEET

WINNEBAGO INDUSTRIES

COPYRIGHT 2009
WINNEBAGO INDUSTRIES, INC.

DTR	ORIG. DATE
CHRR	
P.E.	
M.E.	FIRST USED
DSNR	10 J38N

ALL DIMENSIONS ARE IN MILLIMETERS

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

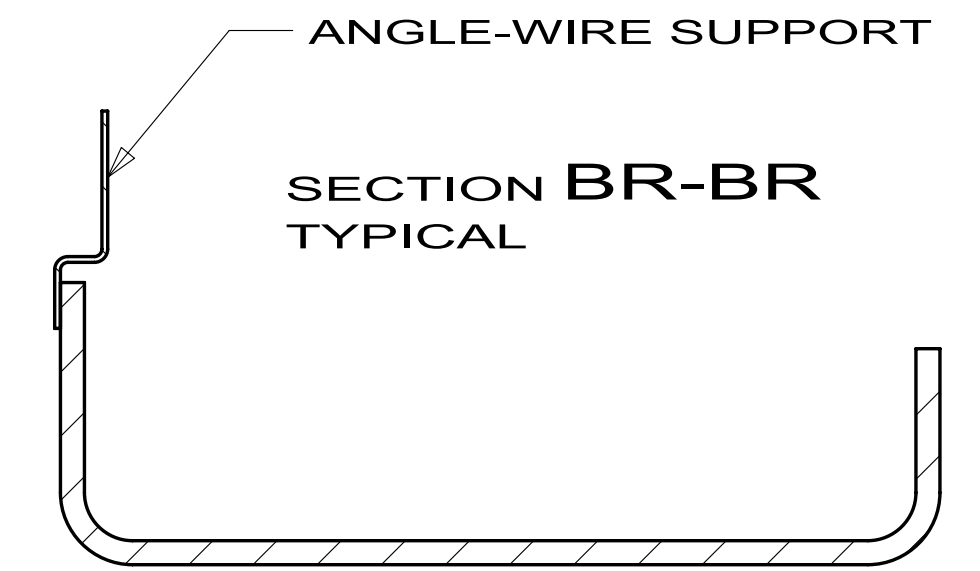
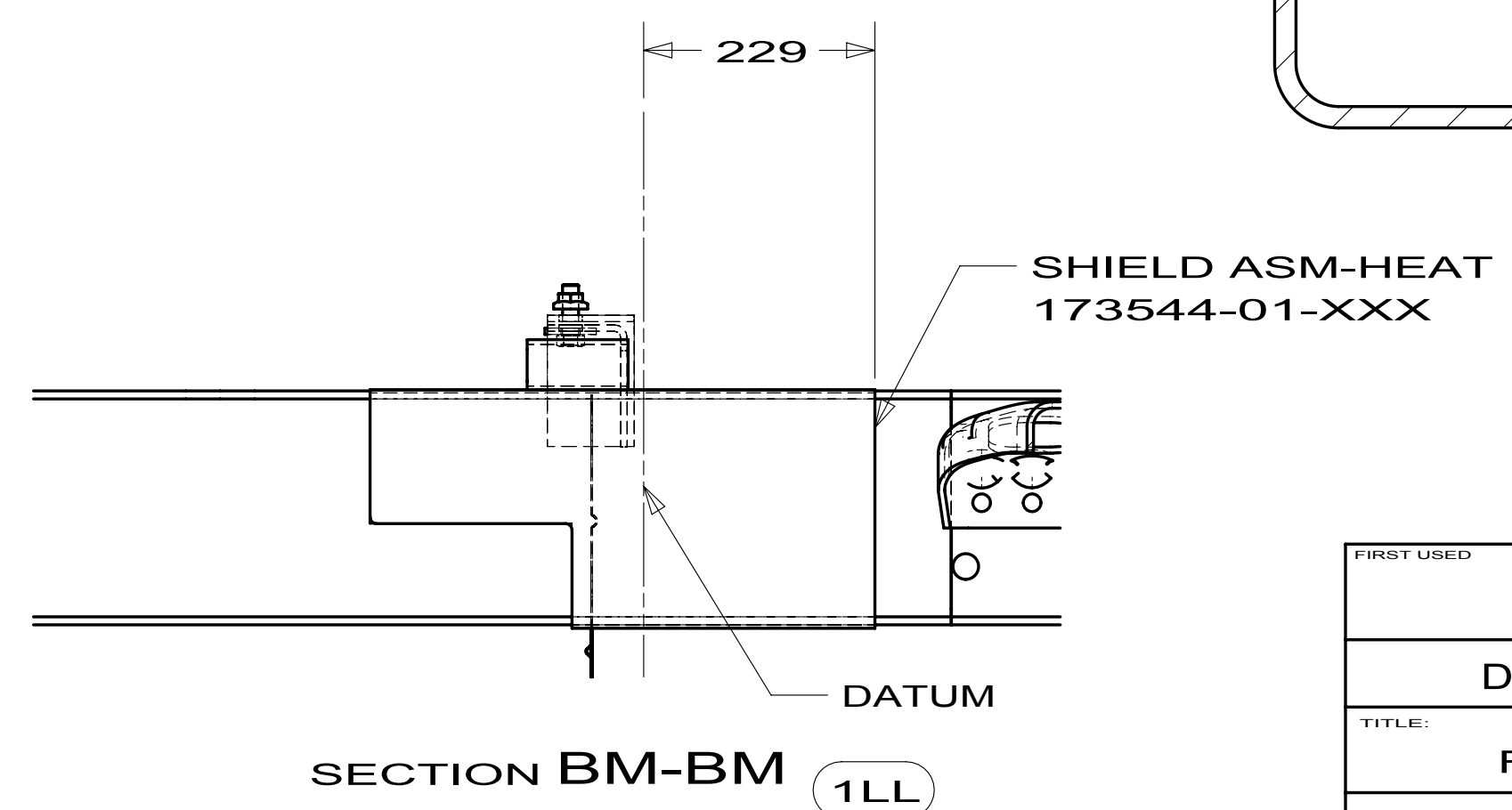
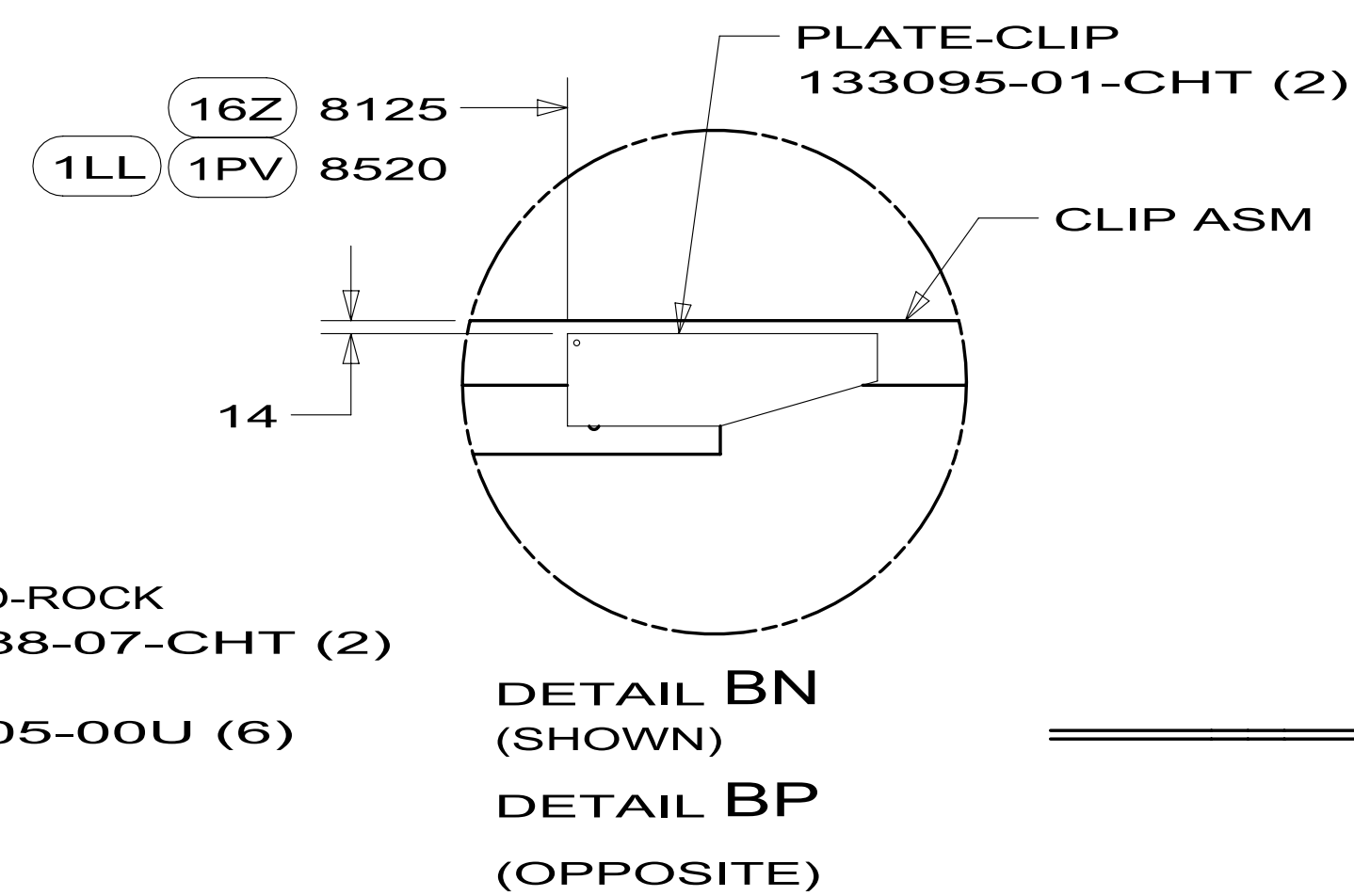
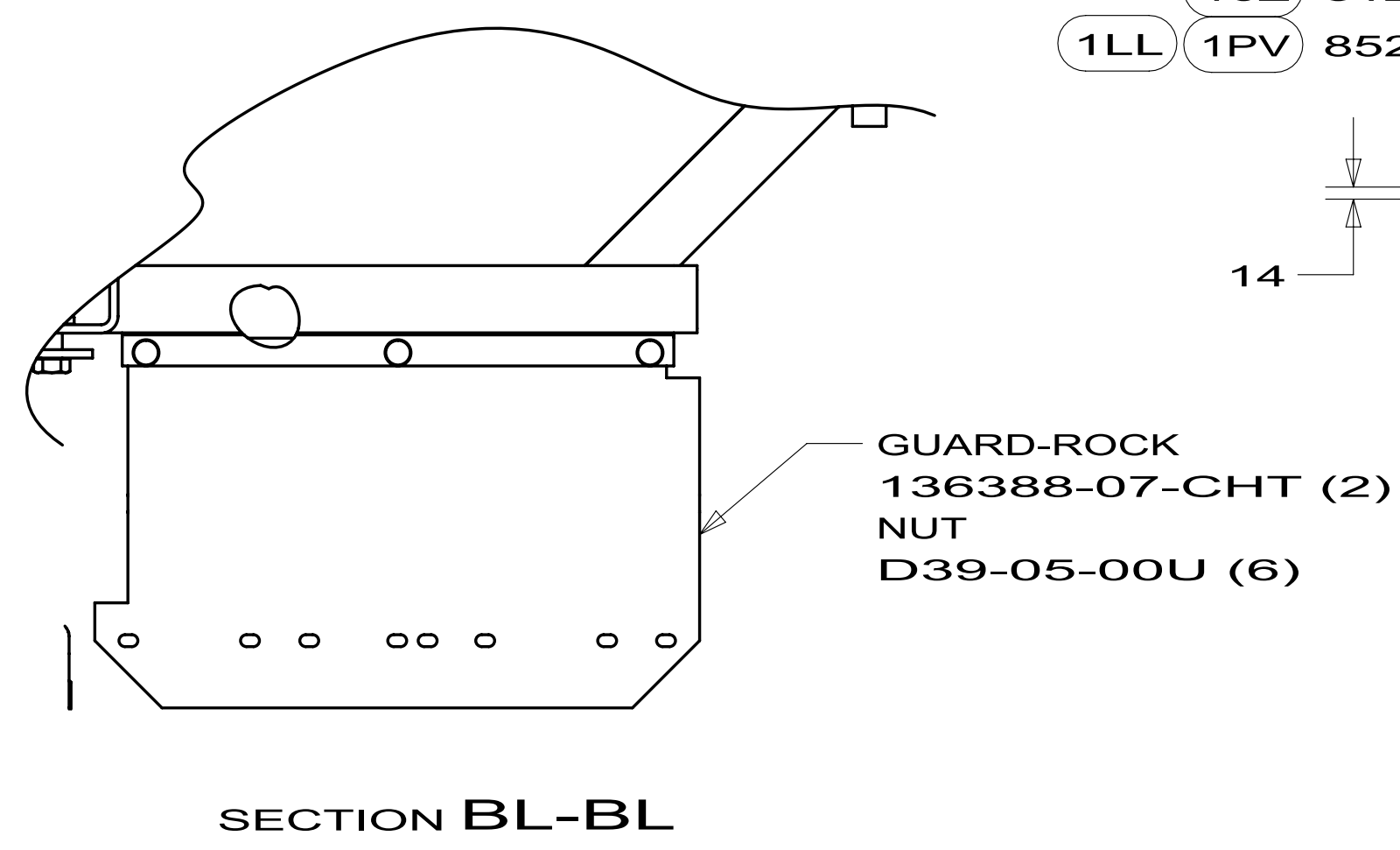
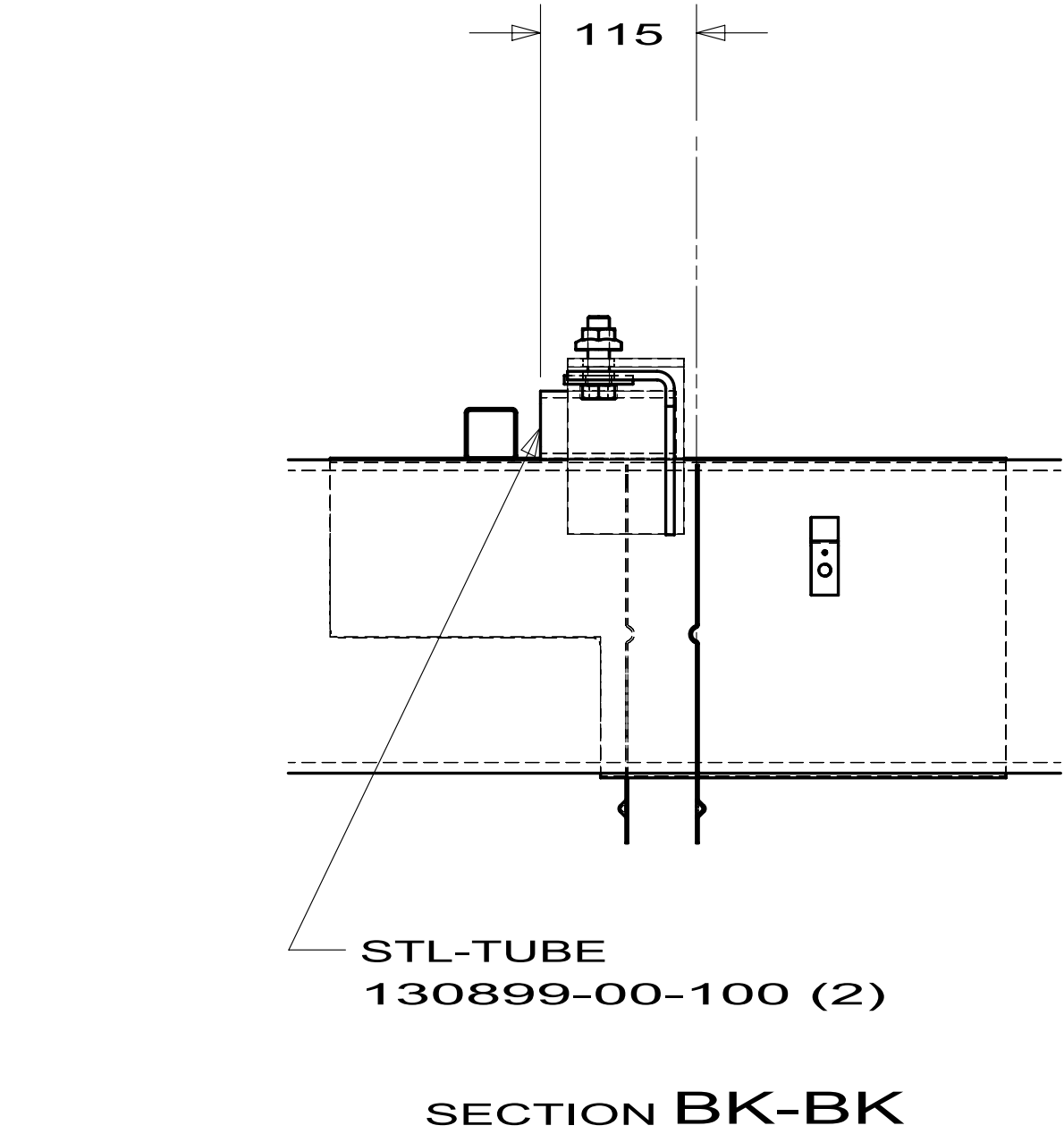
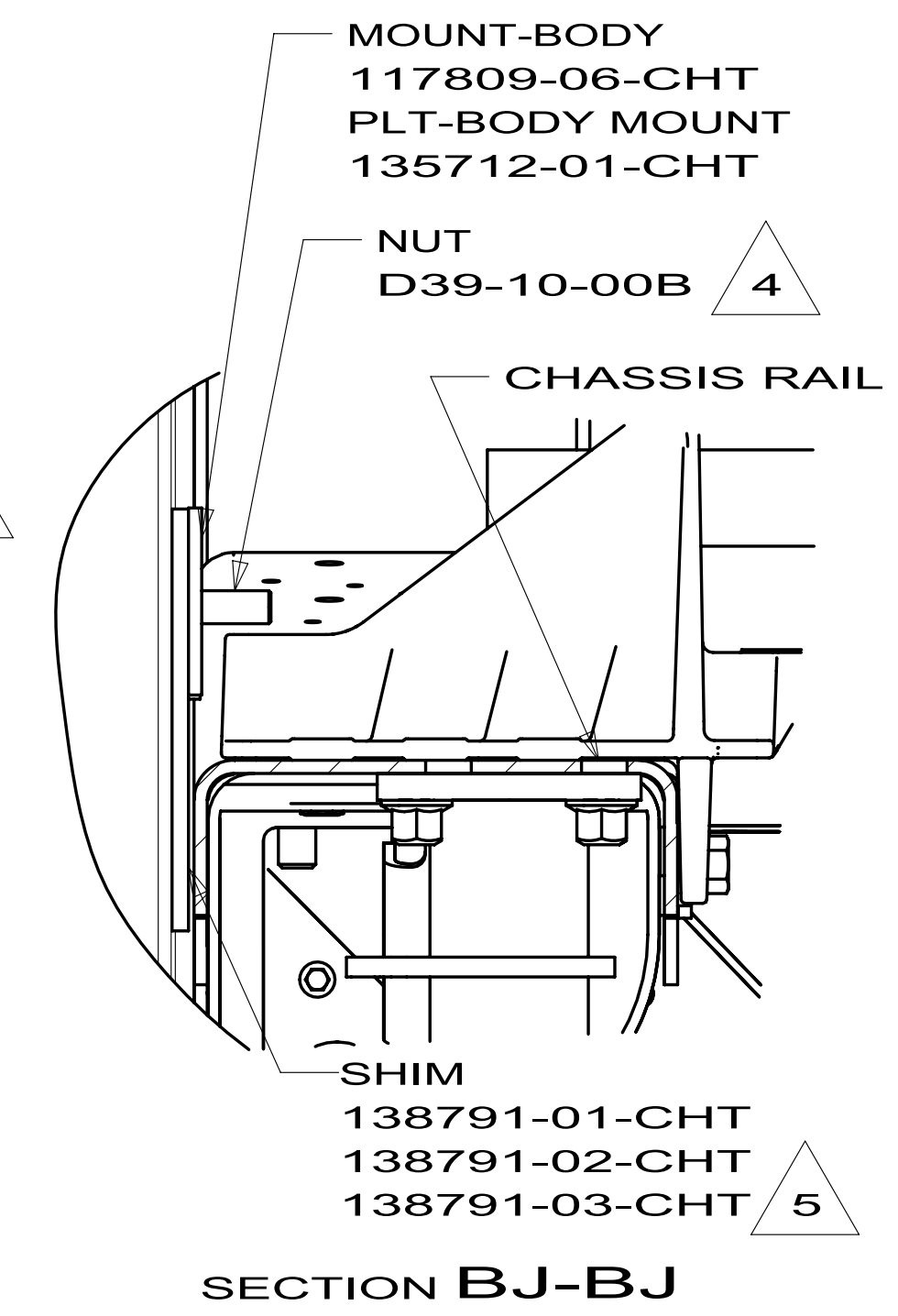
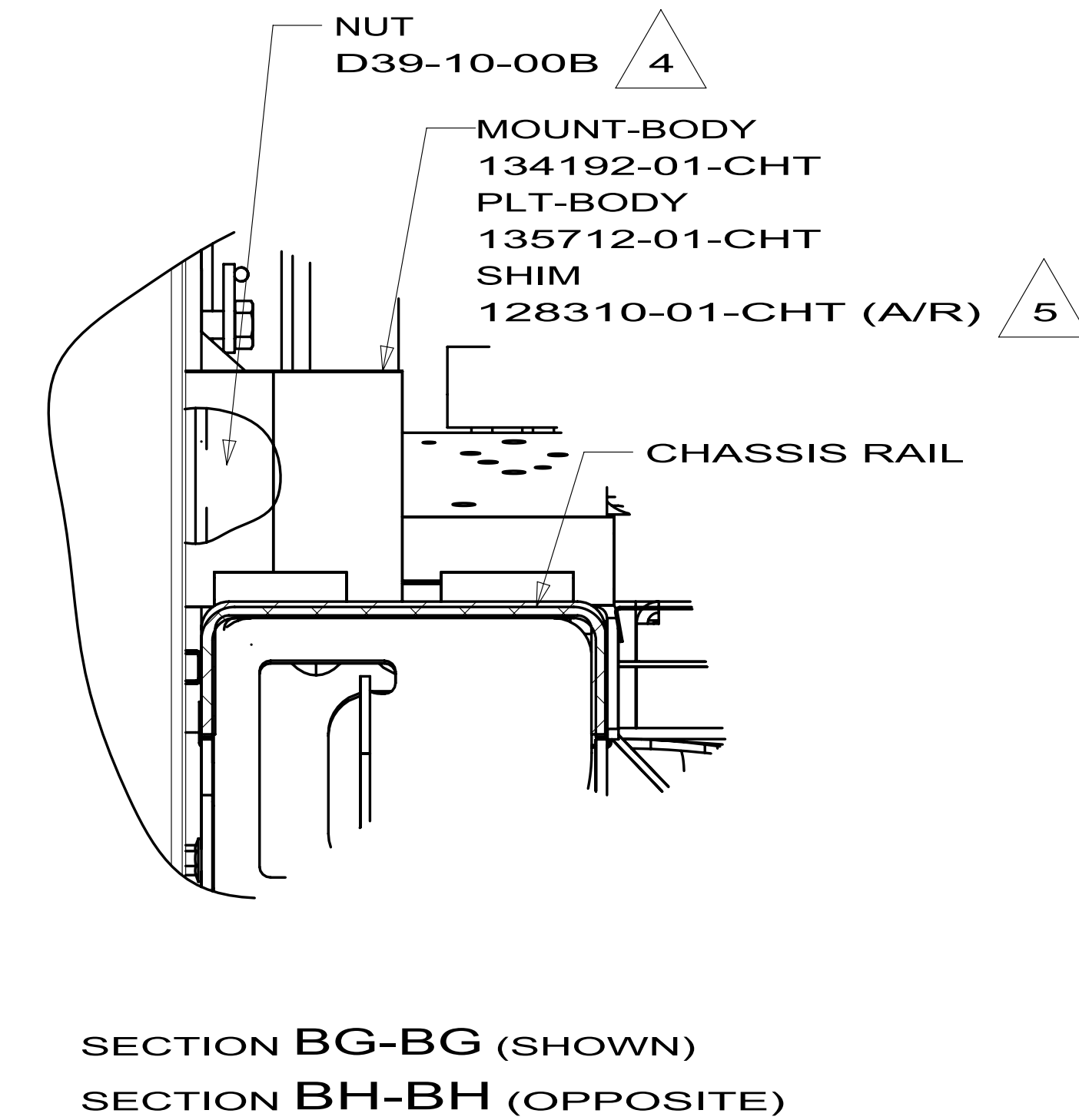
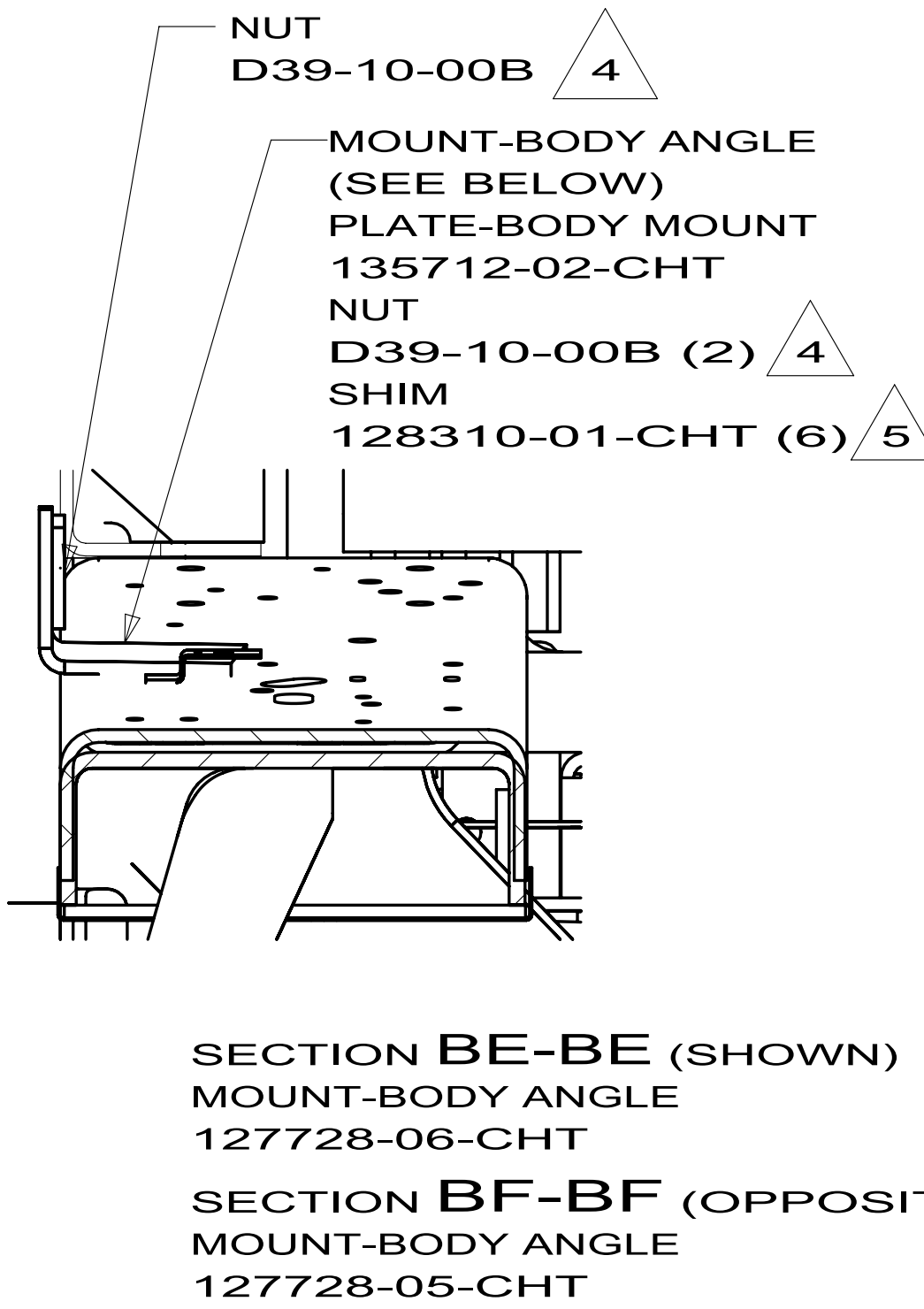
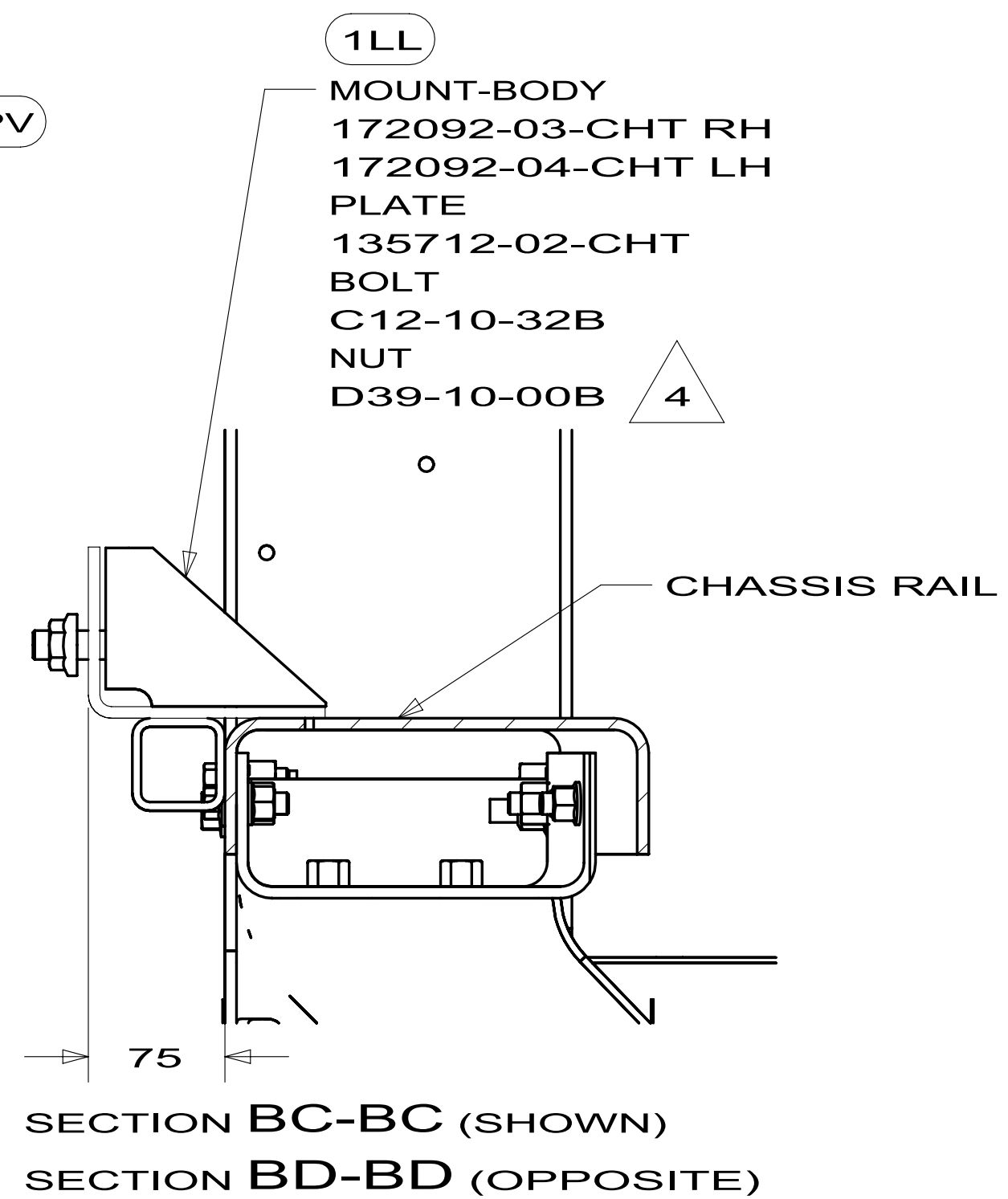
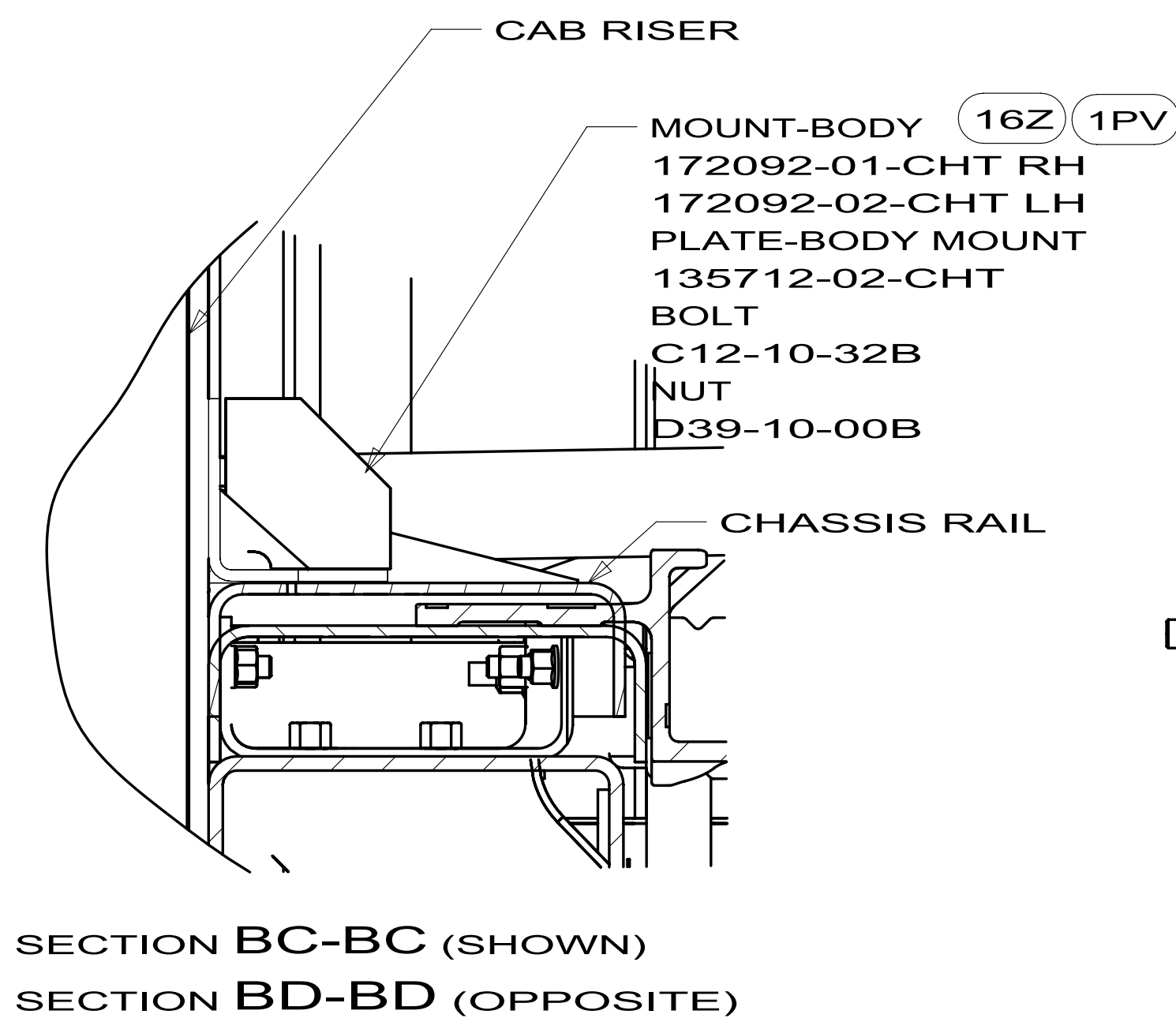
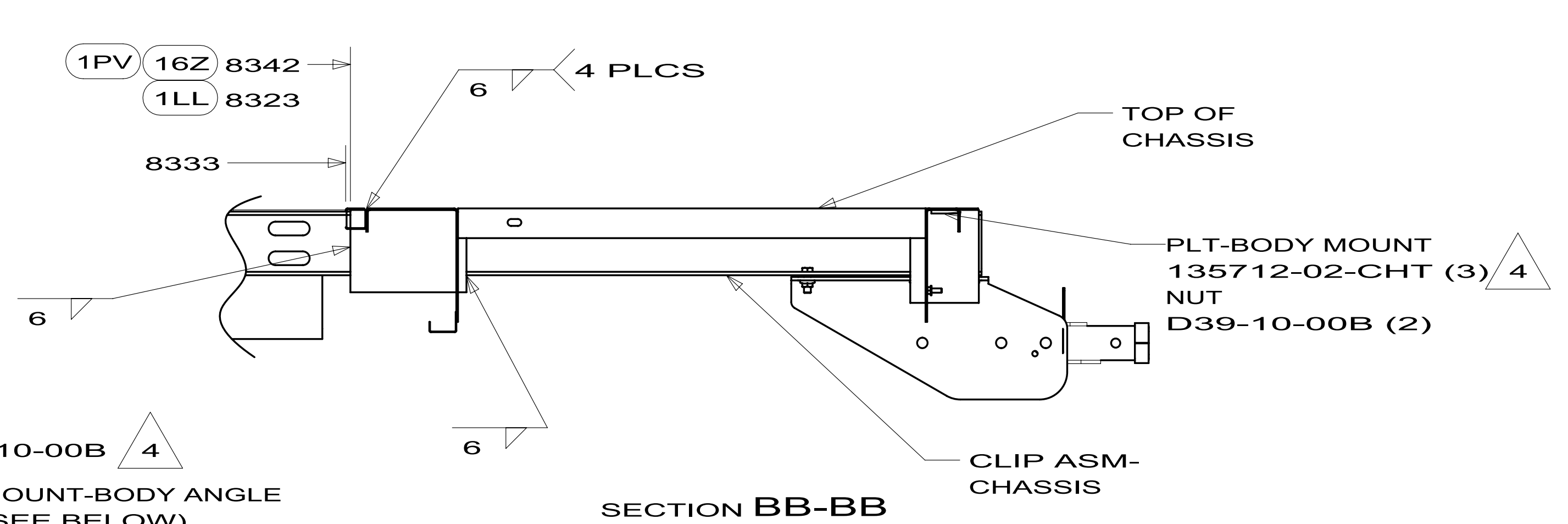
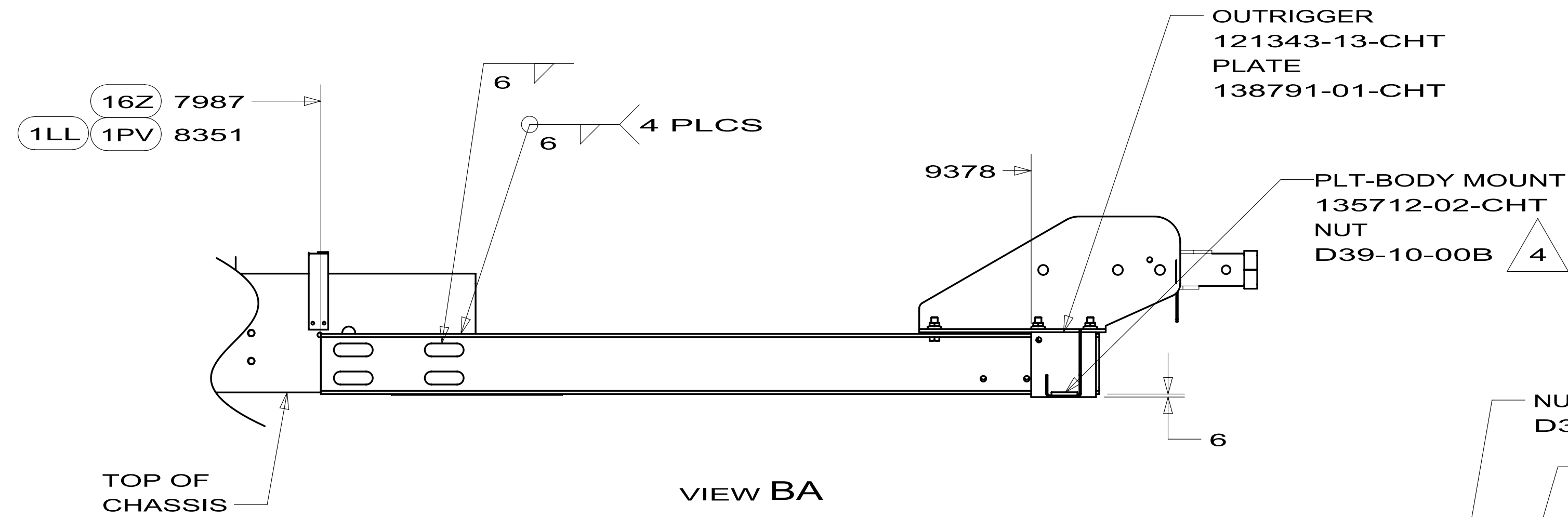
THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

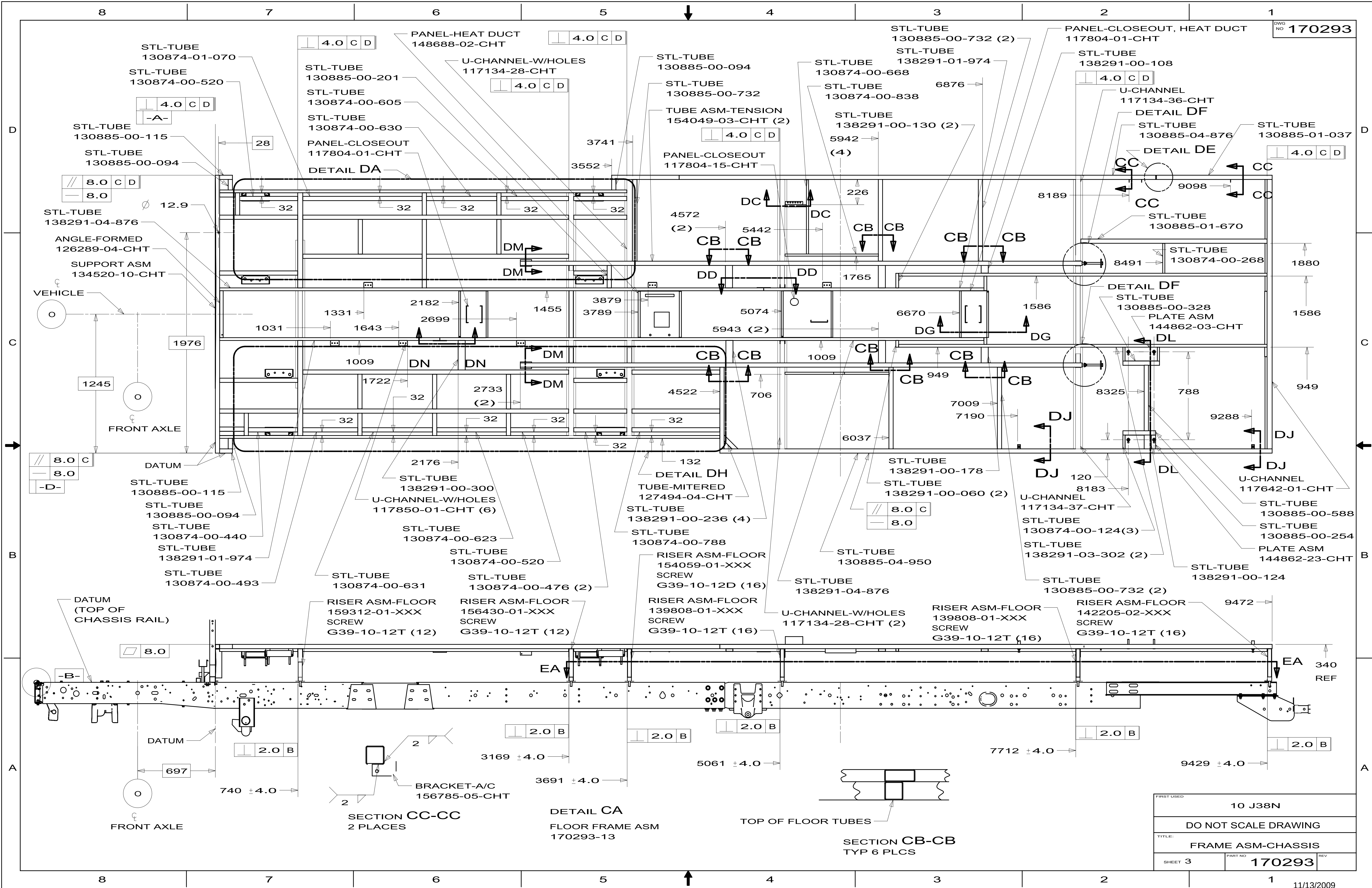
TITLE: FRAME ASM-CHASSIS

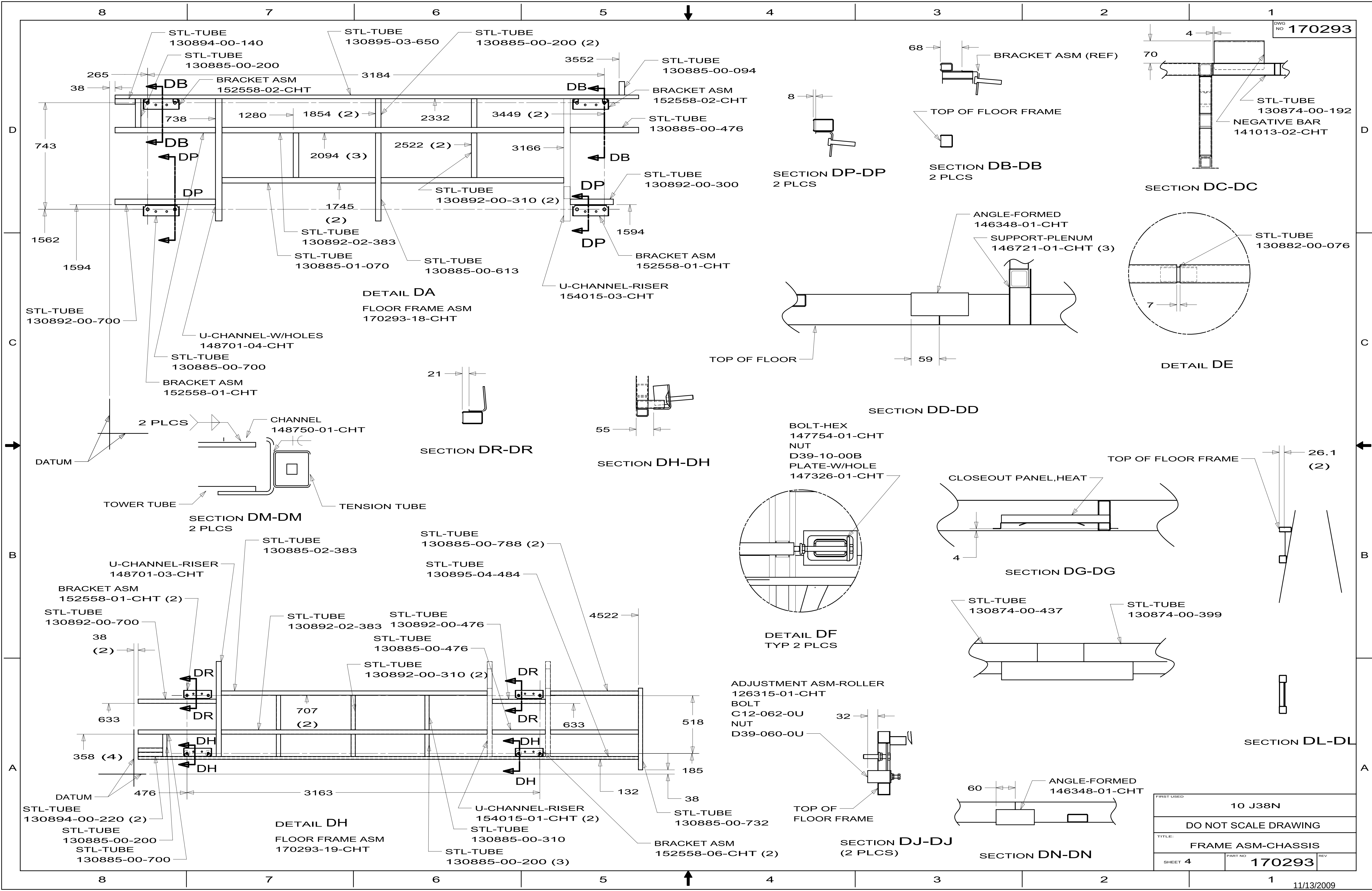
SHEET 1 OF 11 PART NO 170293 REV

REF: 1



FIRST USED		10 J38N	
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 2	PART NO	170293	REV





D

C

B

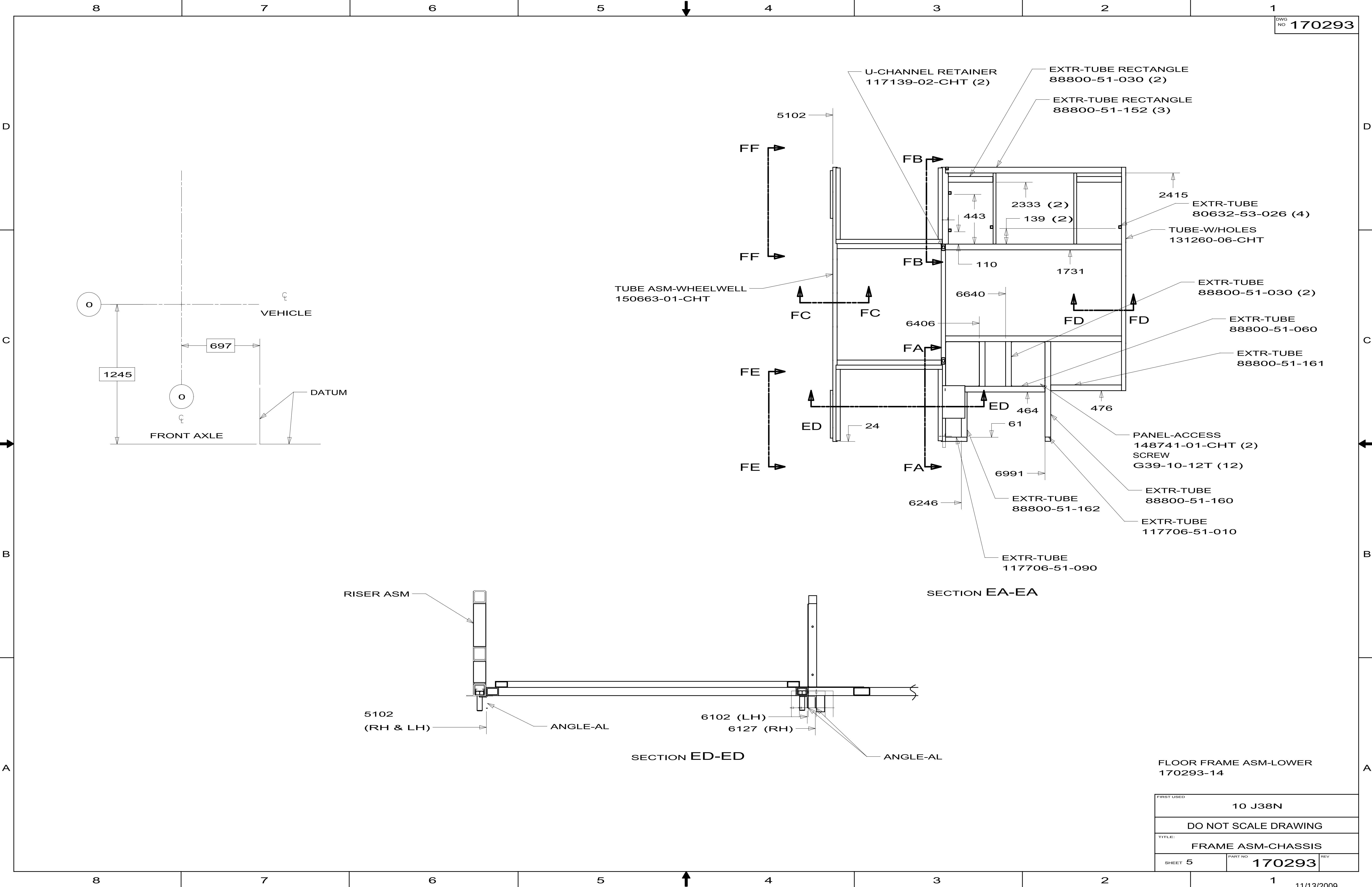
A

D

C

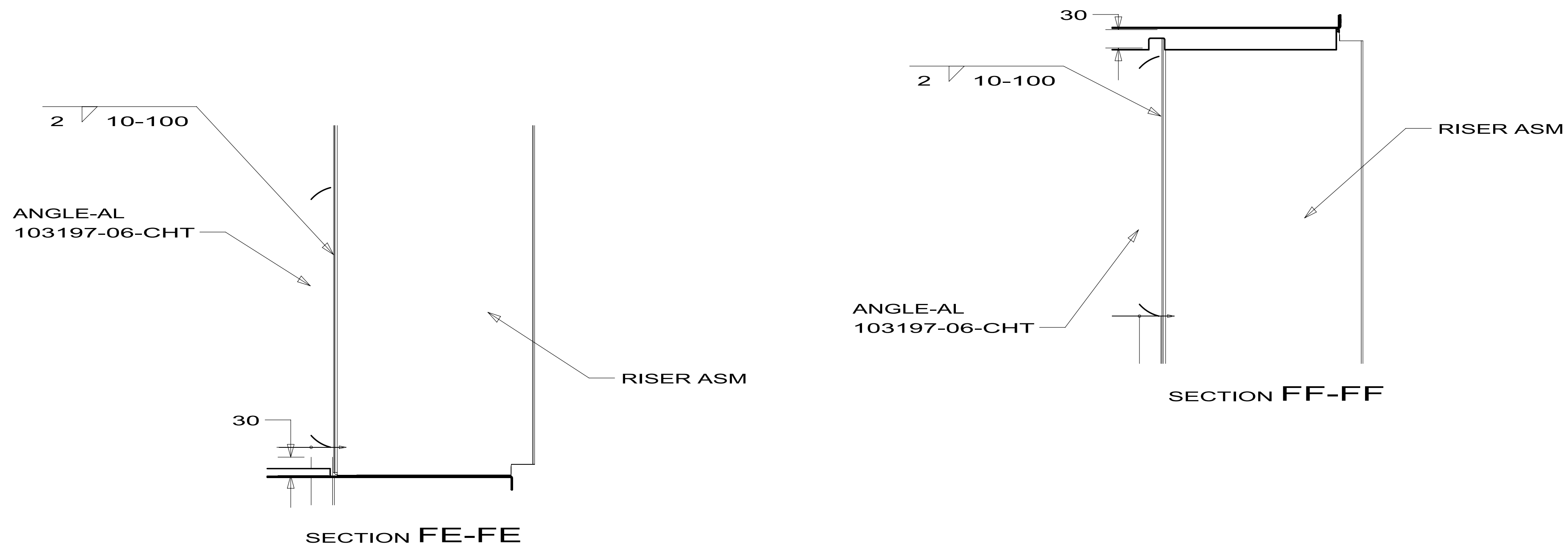
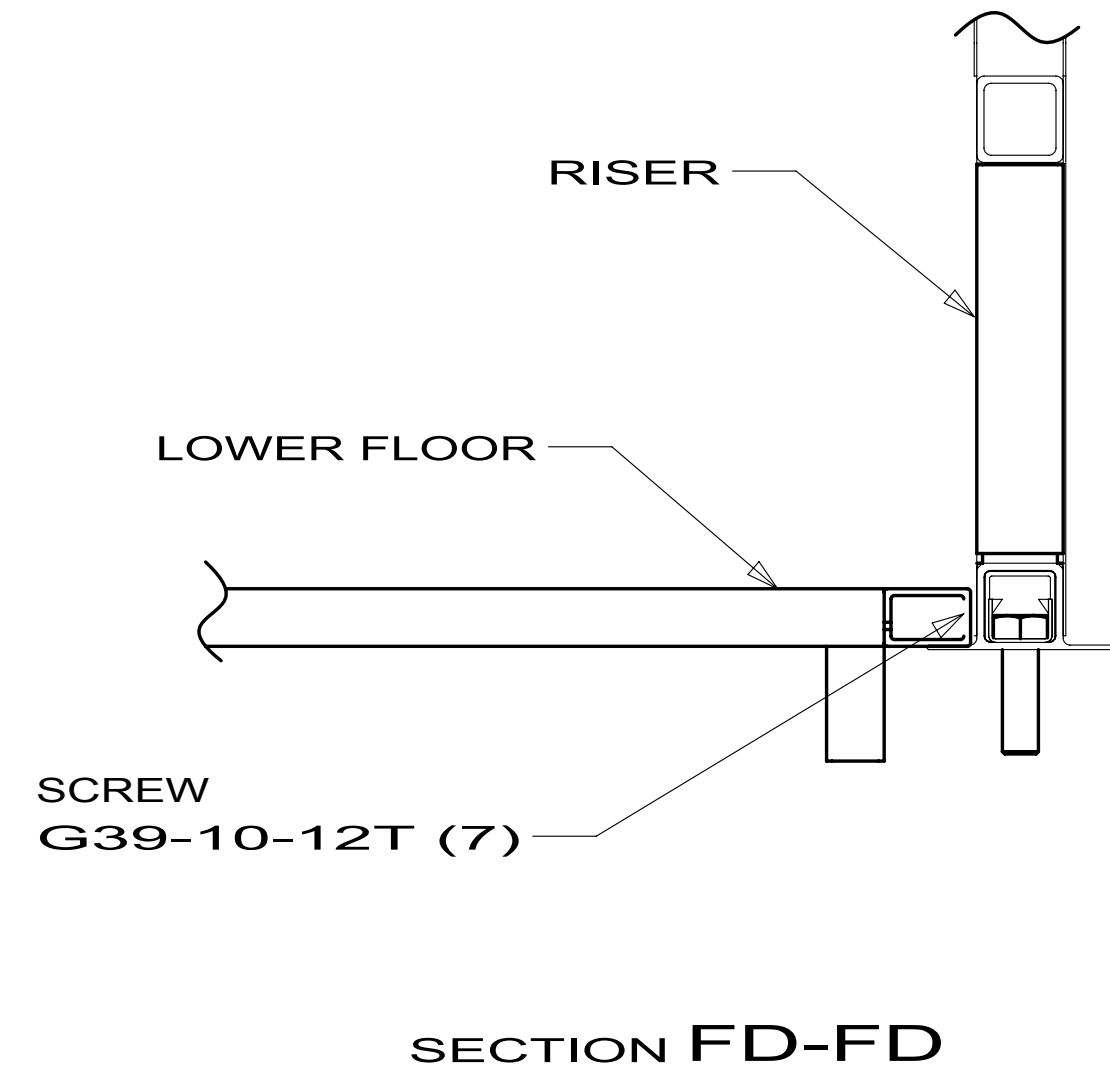
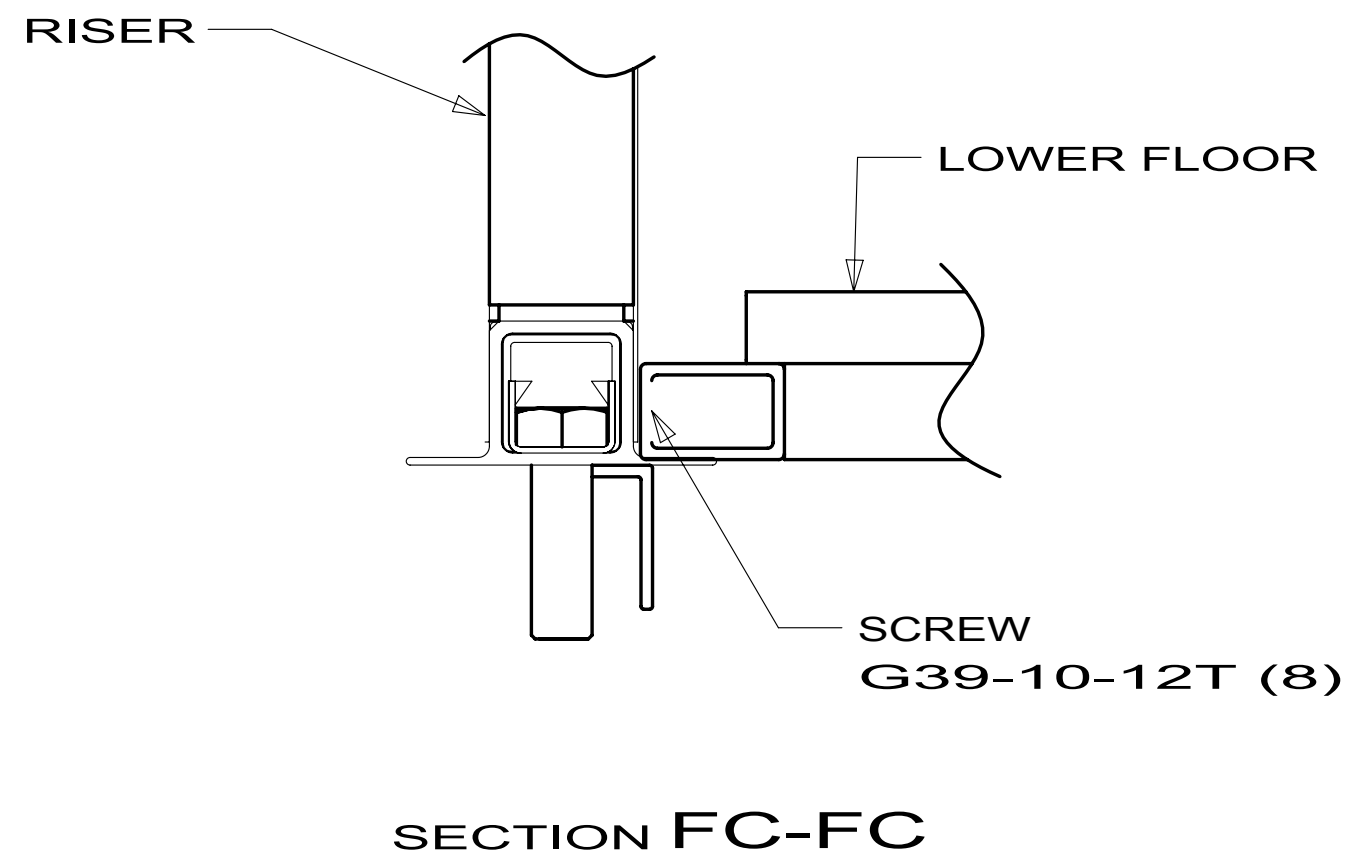
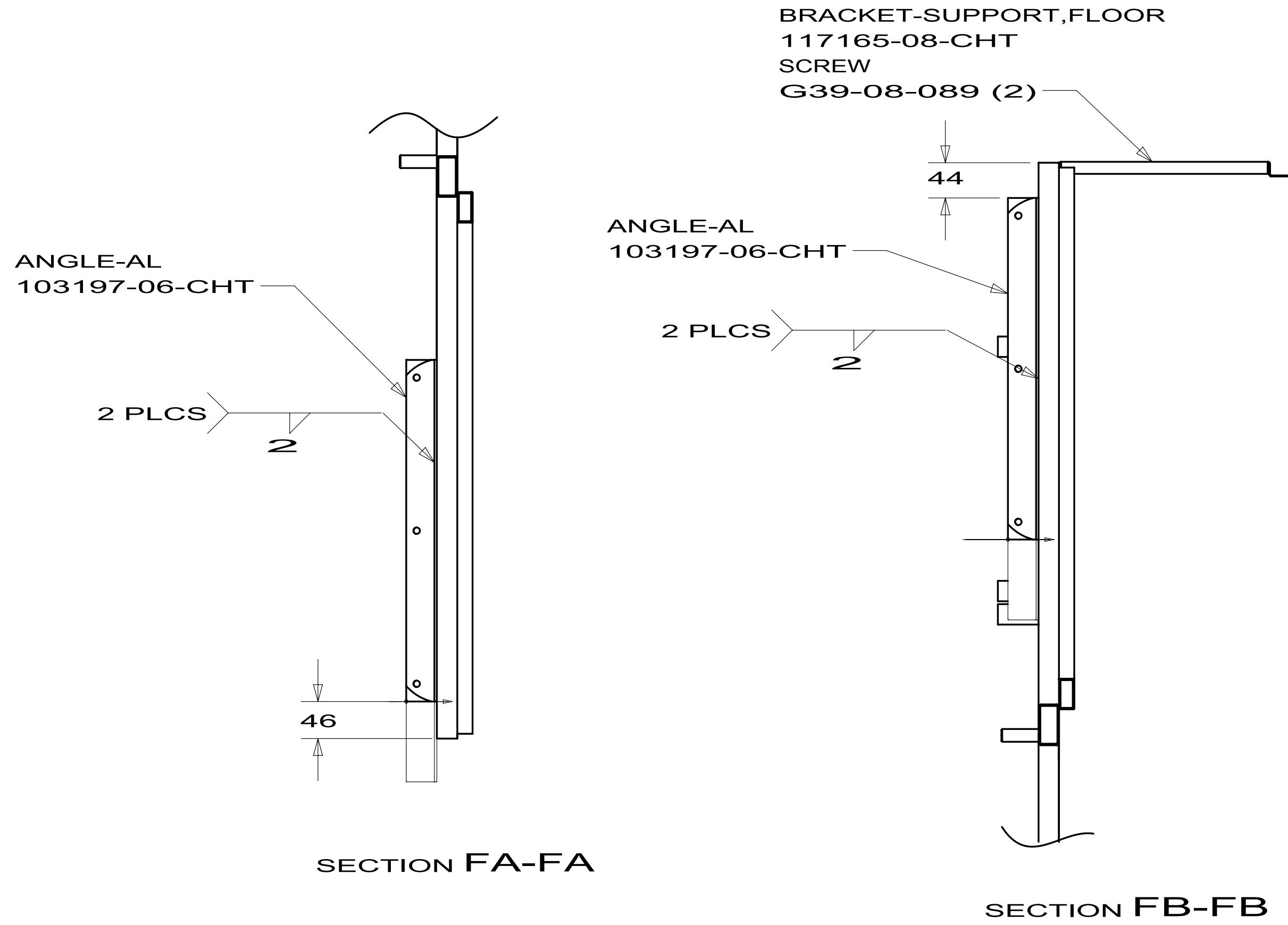
B

A

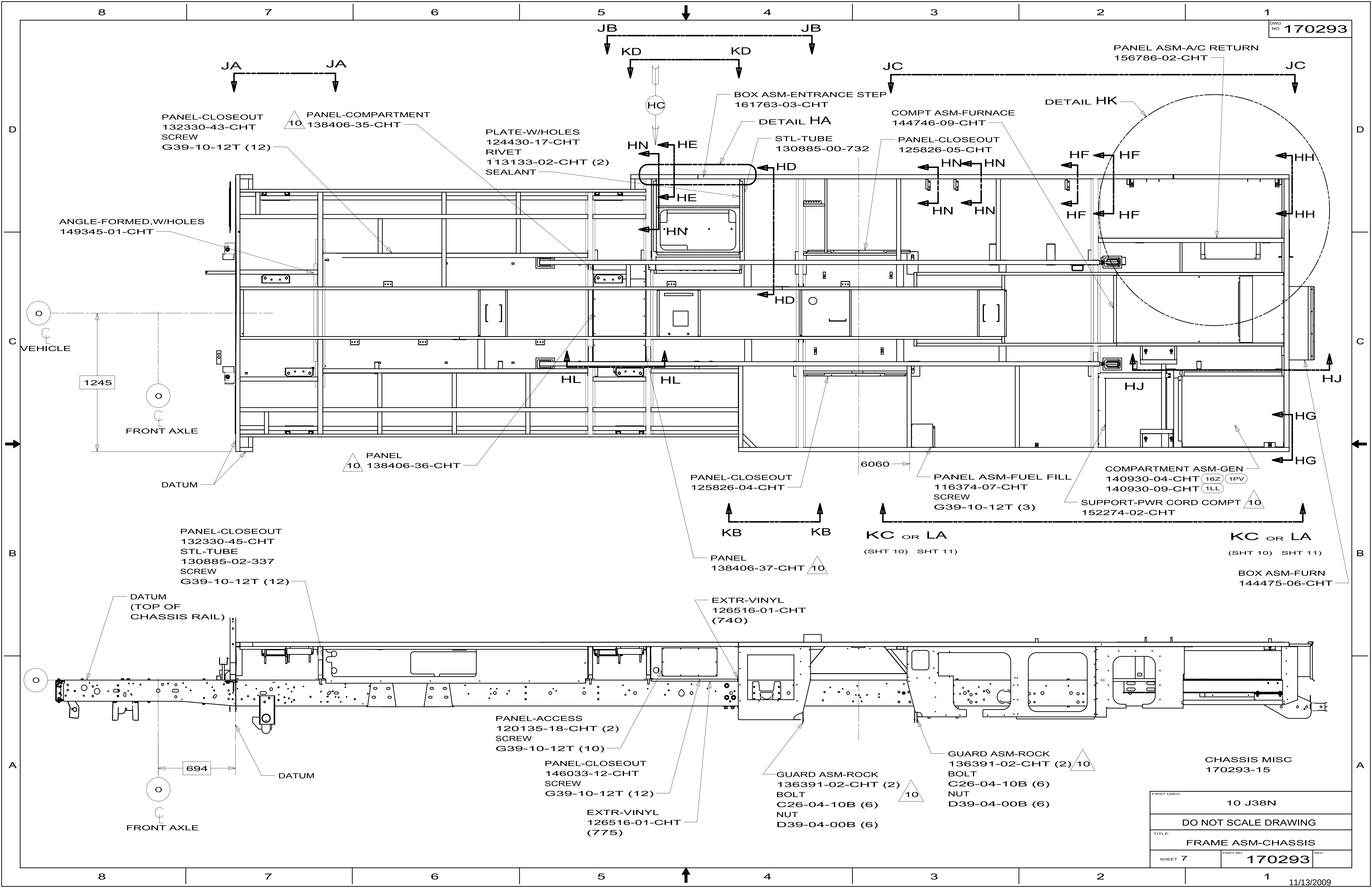


FLOOR FRAME ASM-LOWER
170293-14

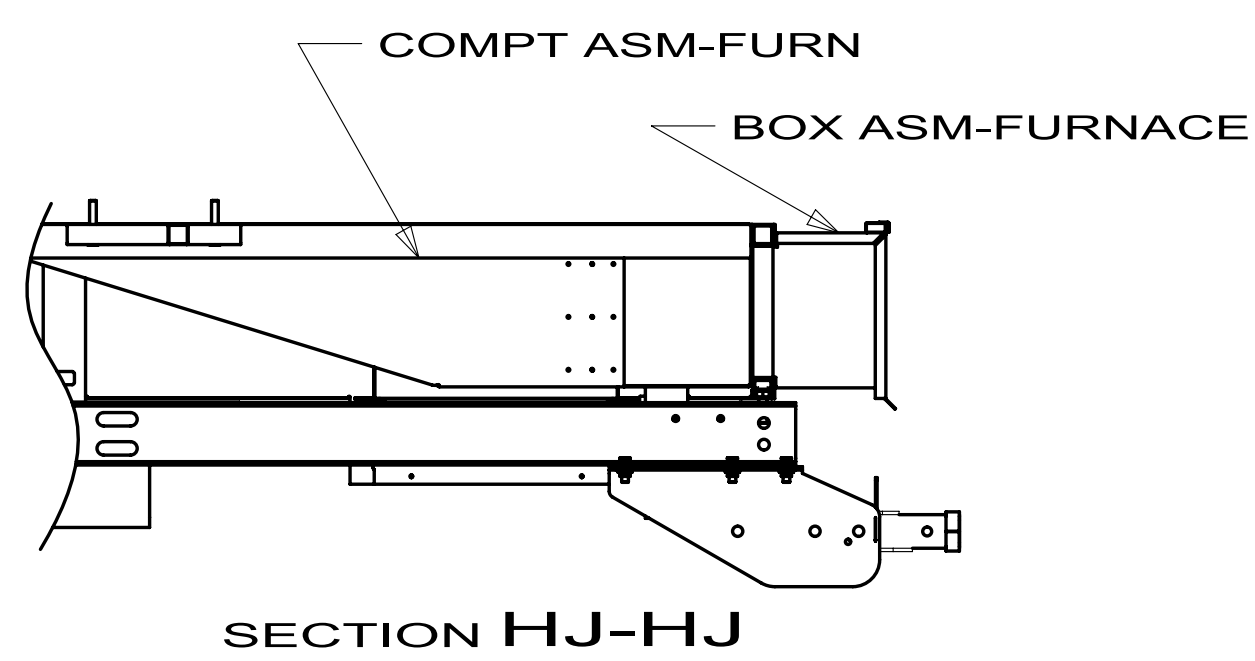
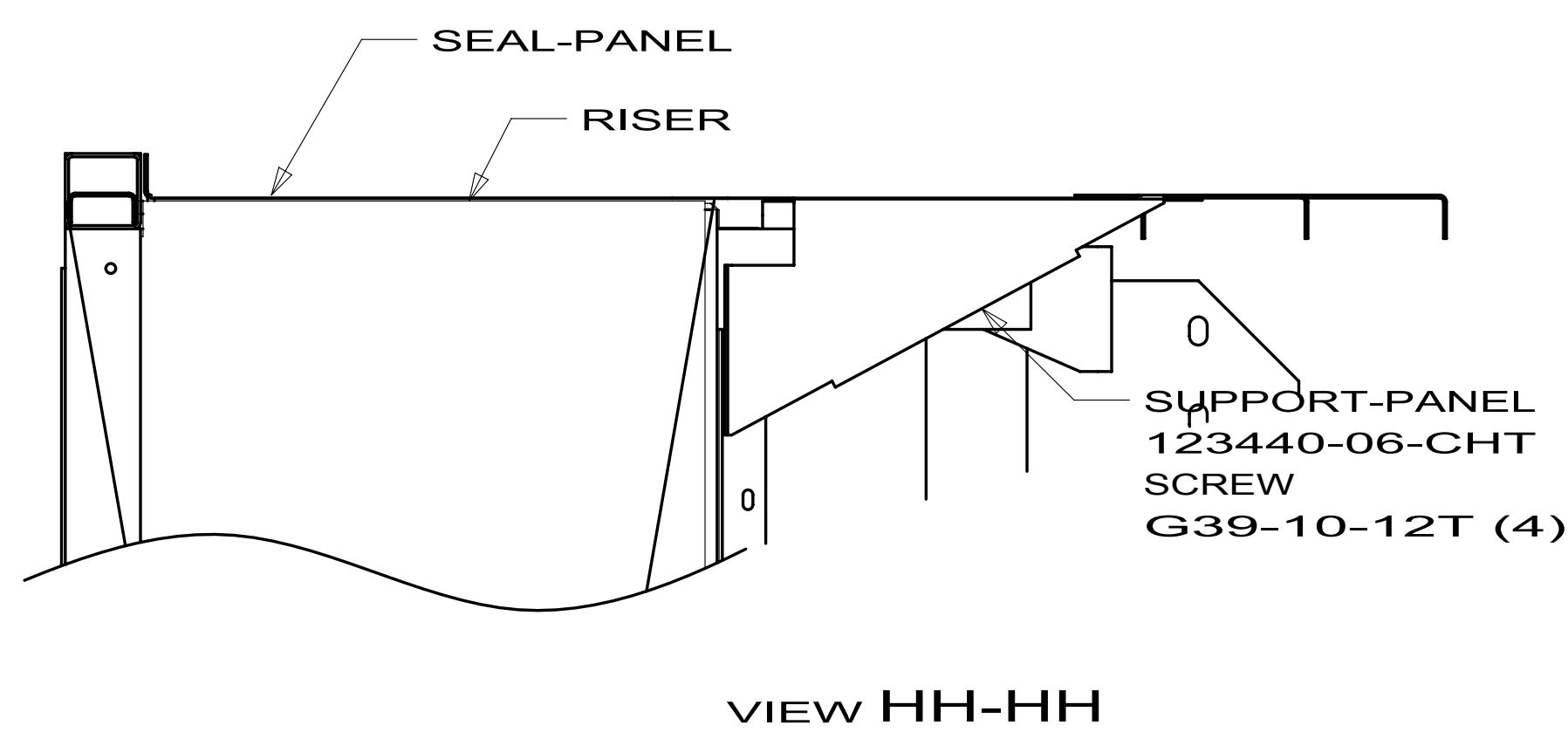
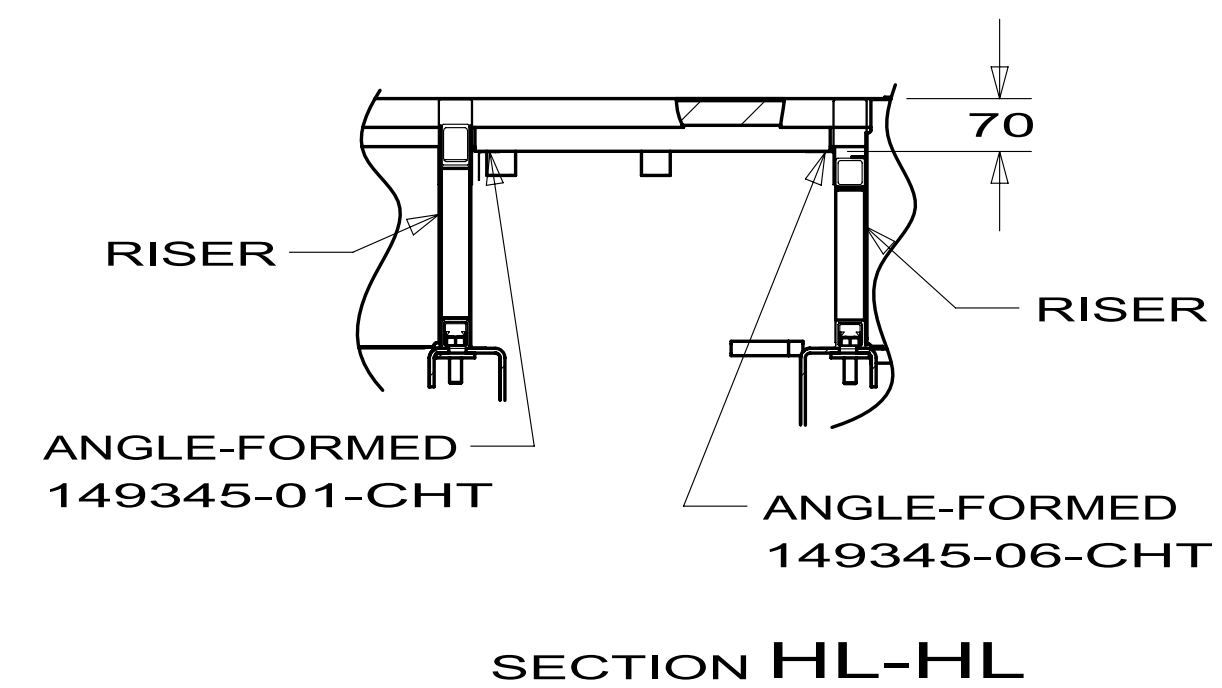
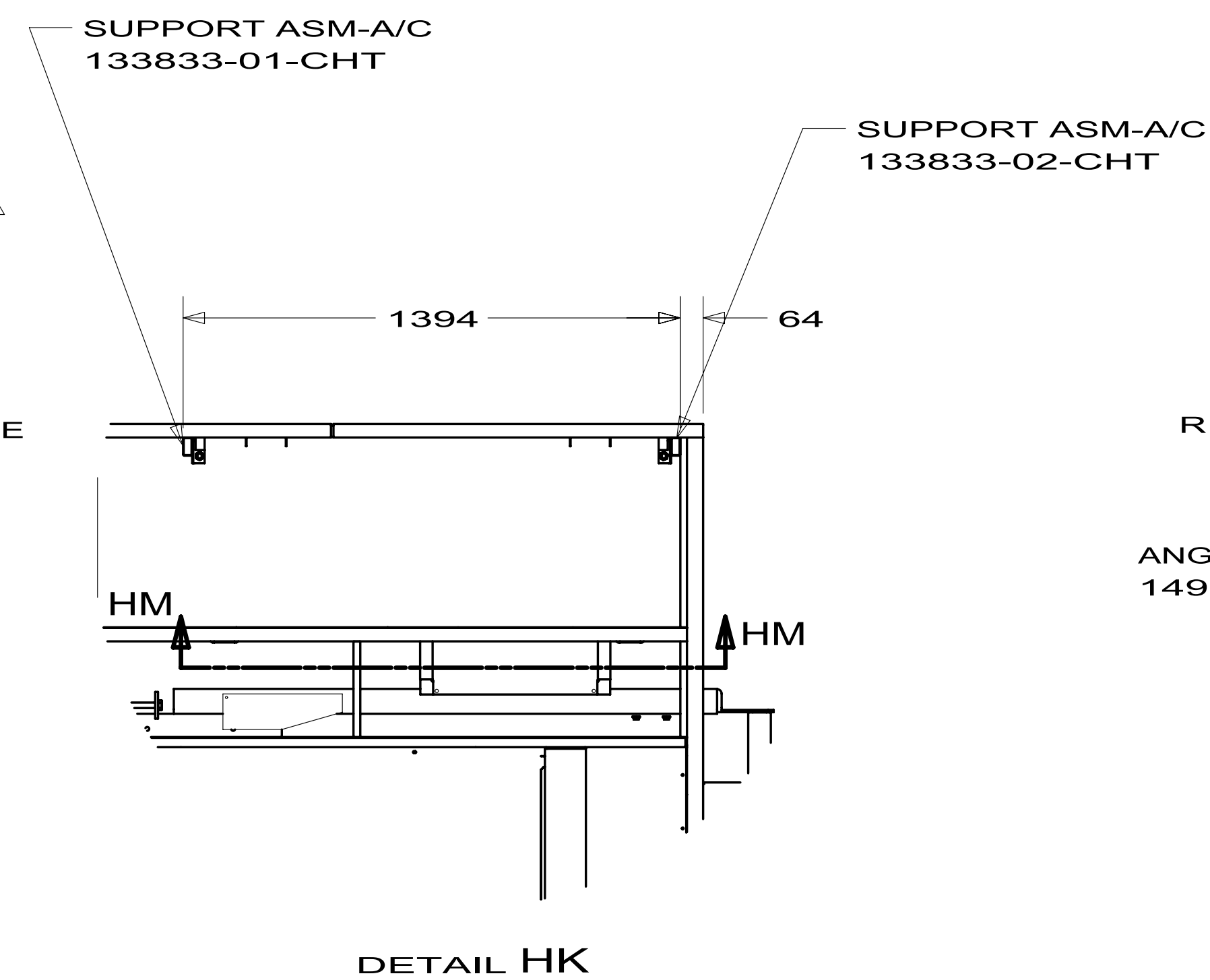
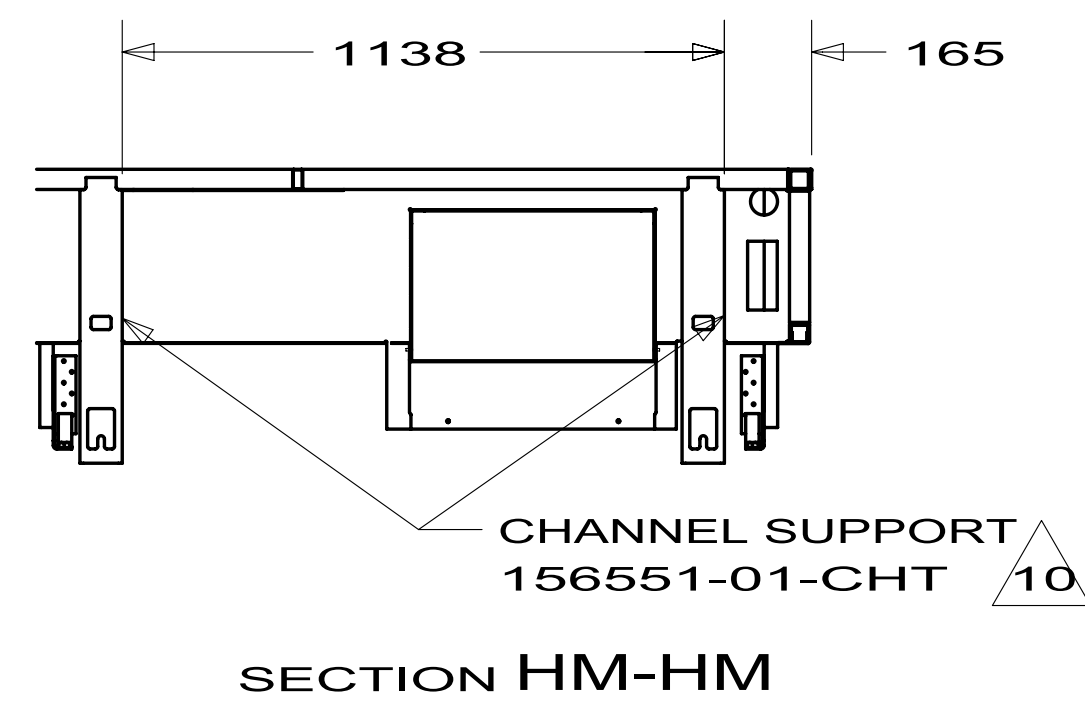
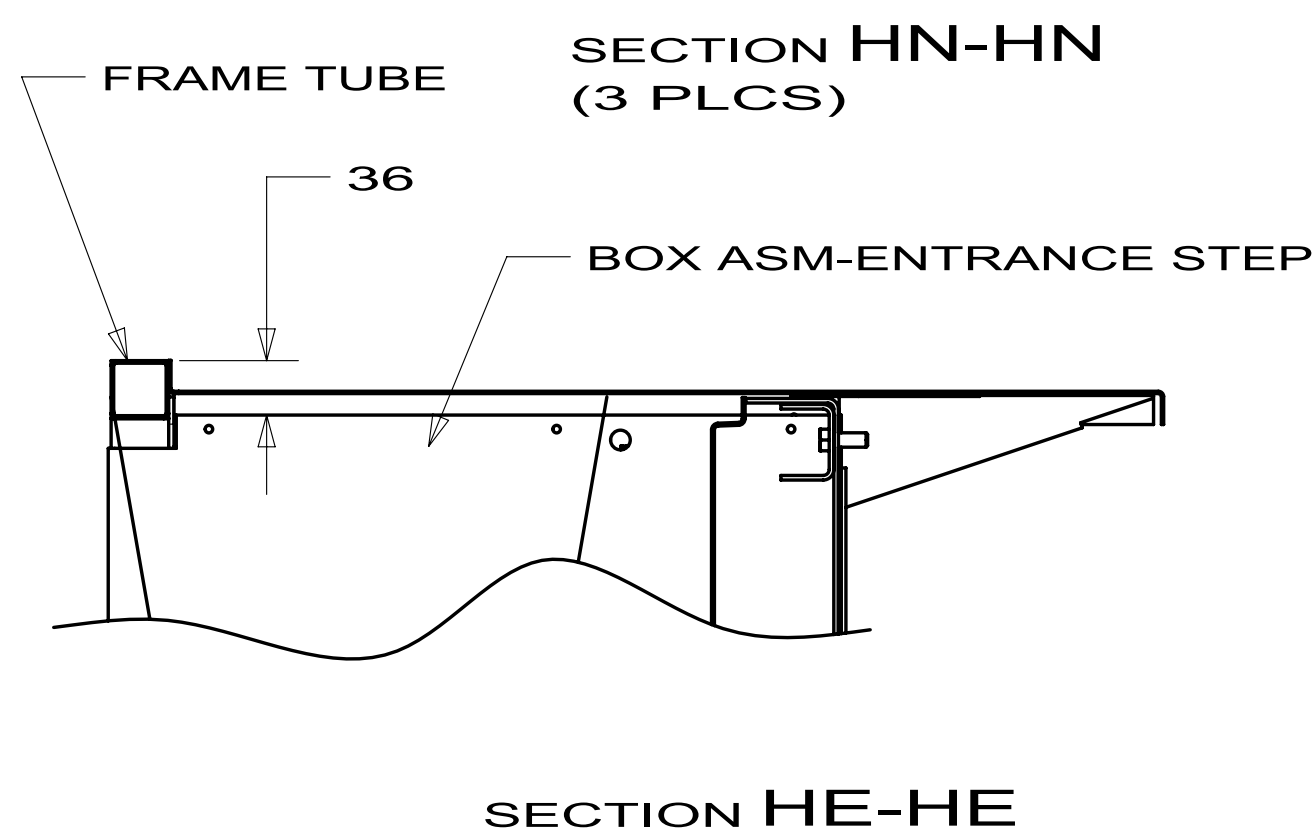
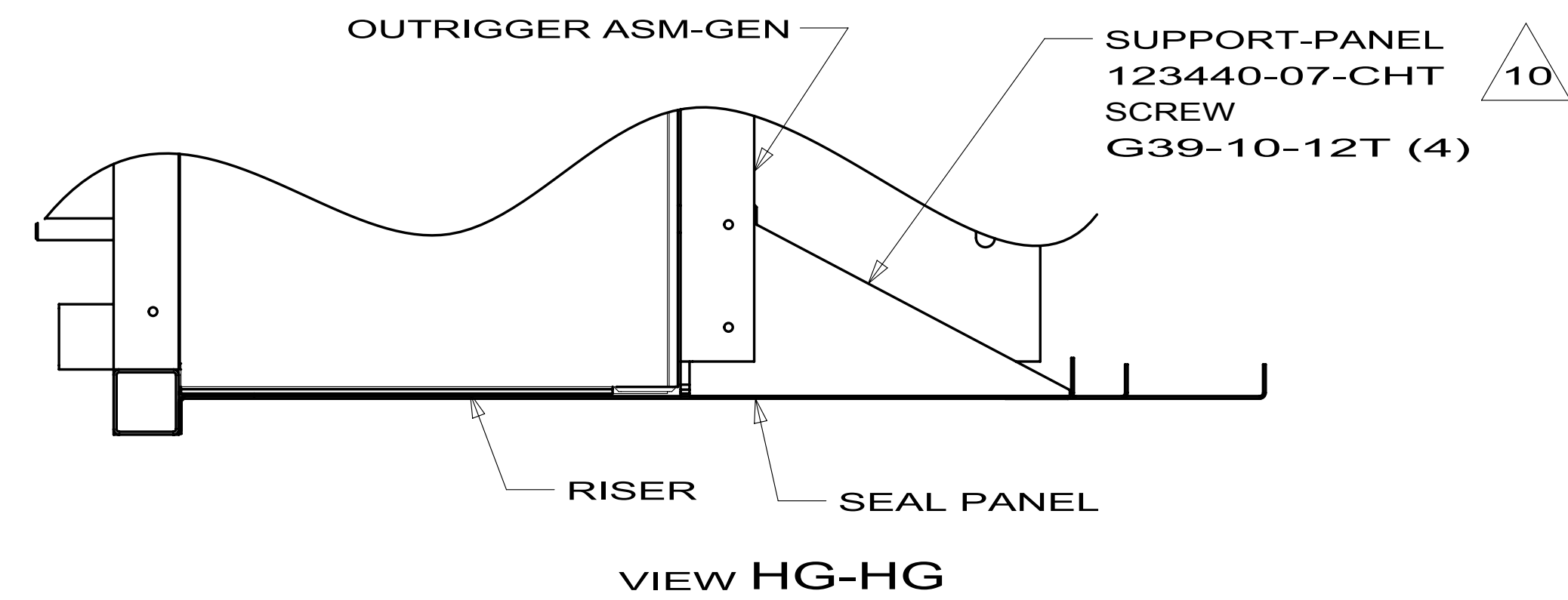
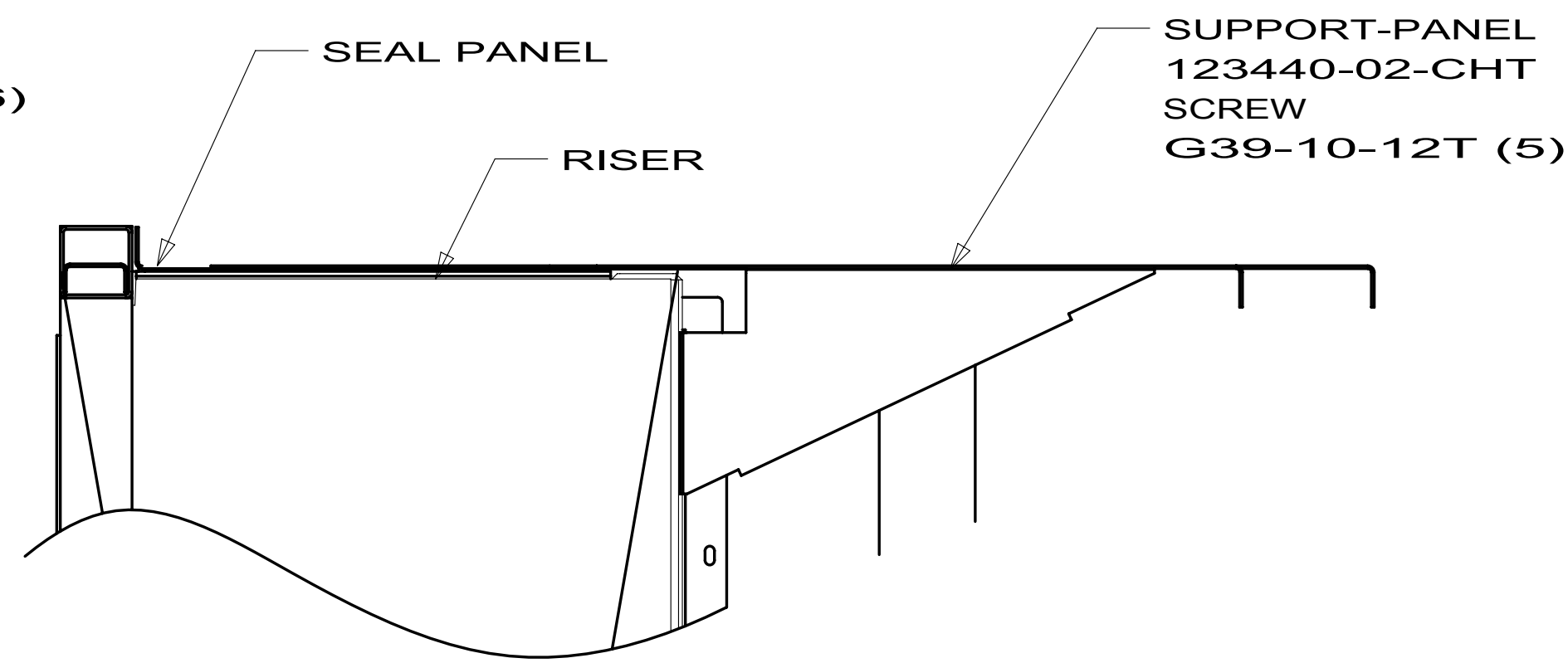
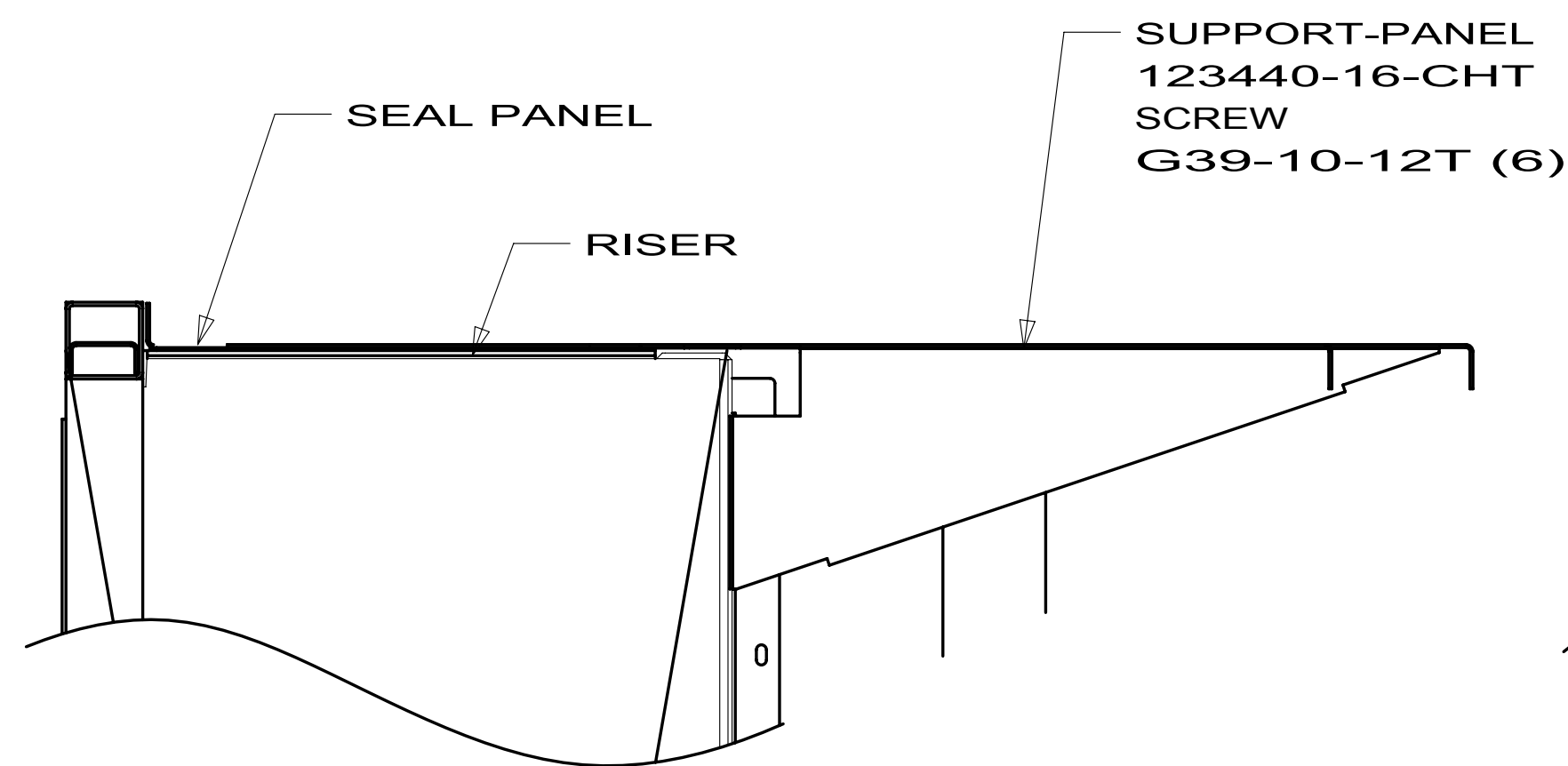
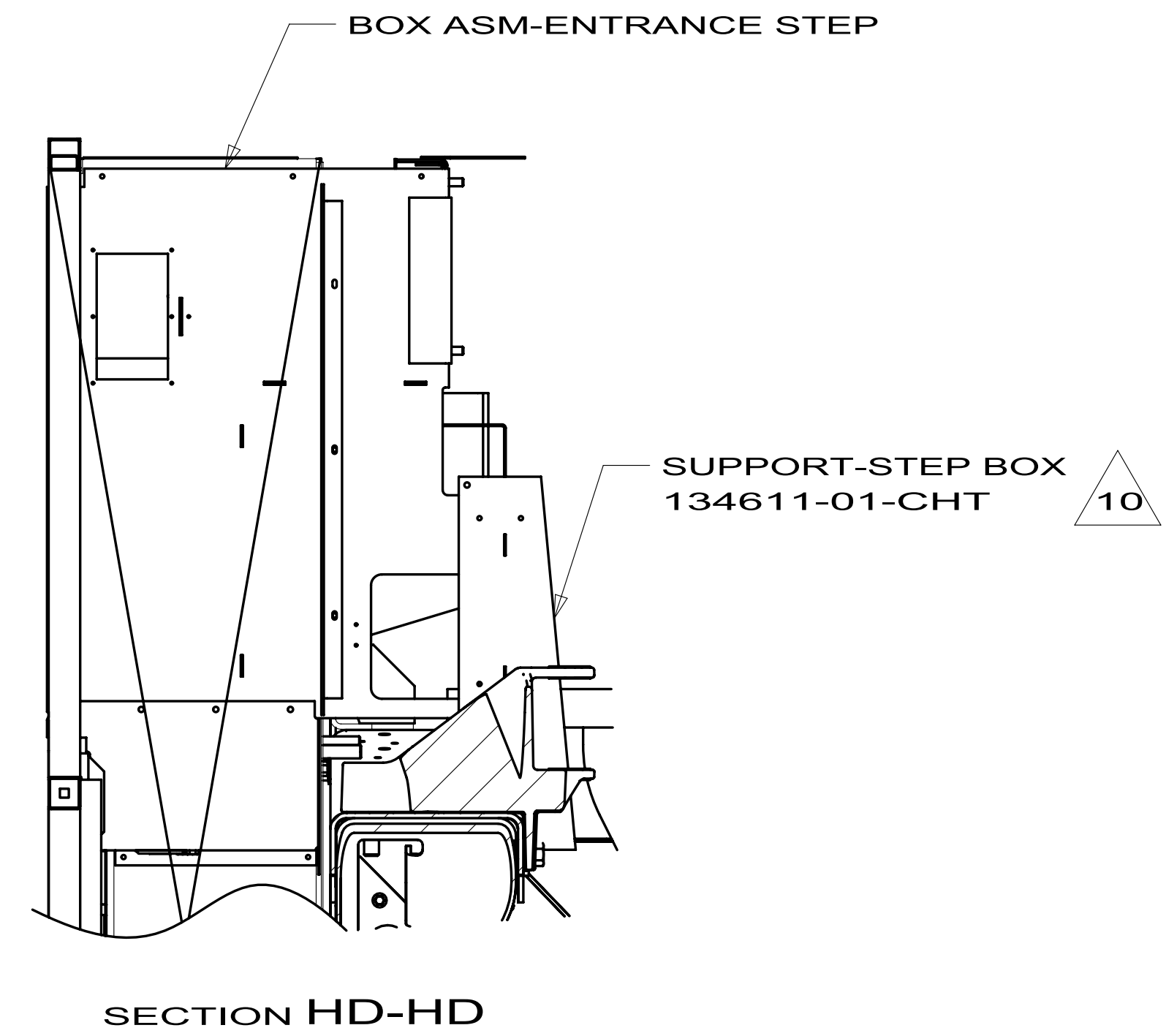
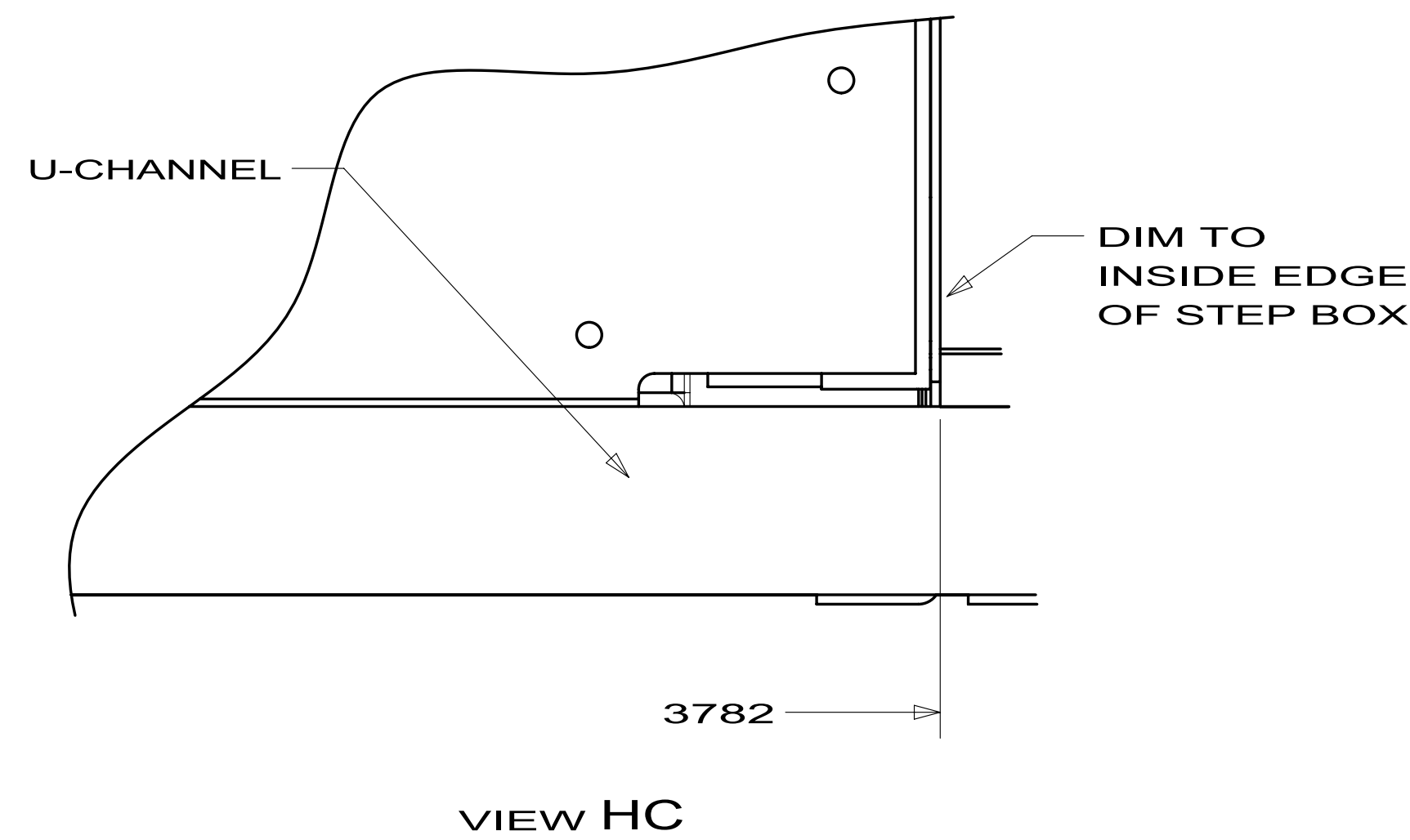
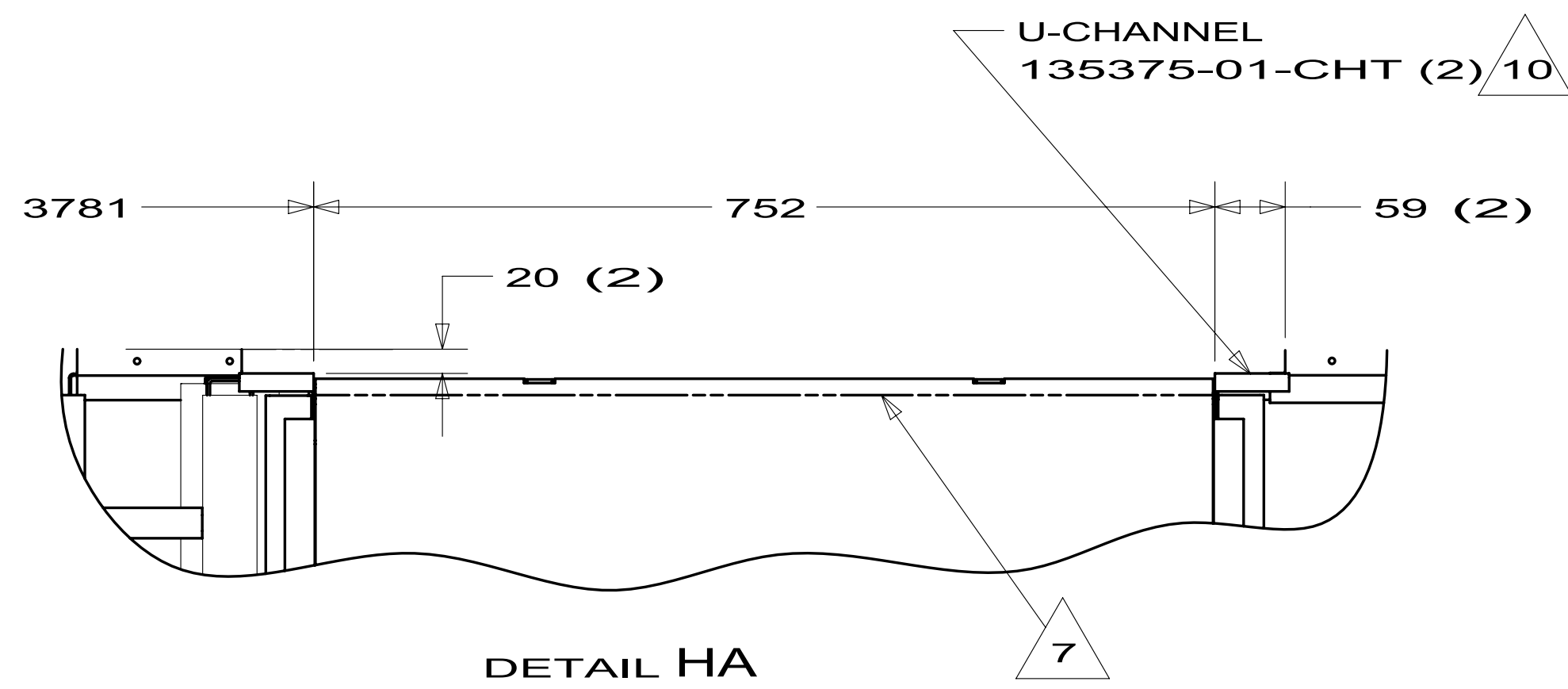
FIRST USED			10 J38N
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 5	PART NO	170293	REV



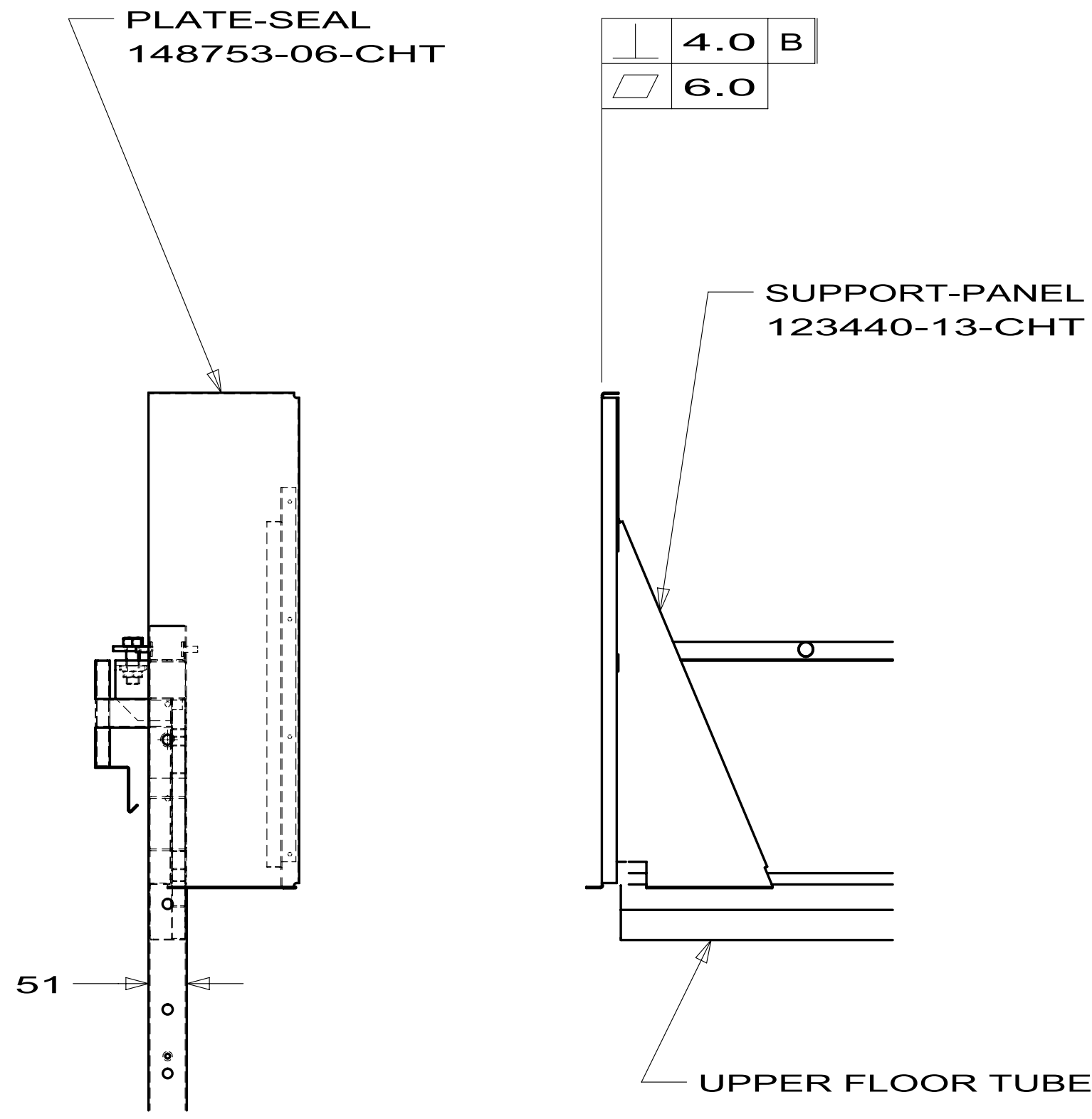
FIRST USED			10 J38N
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 6	PART NO	170293	REV



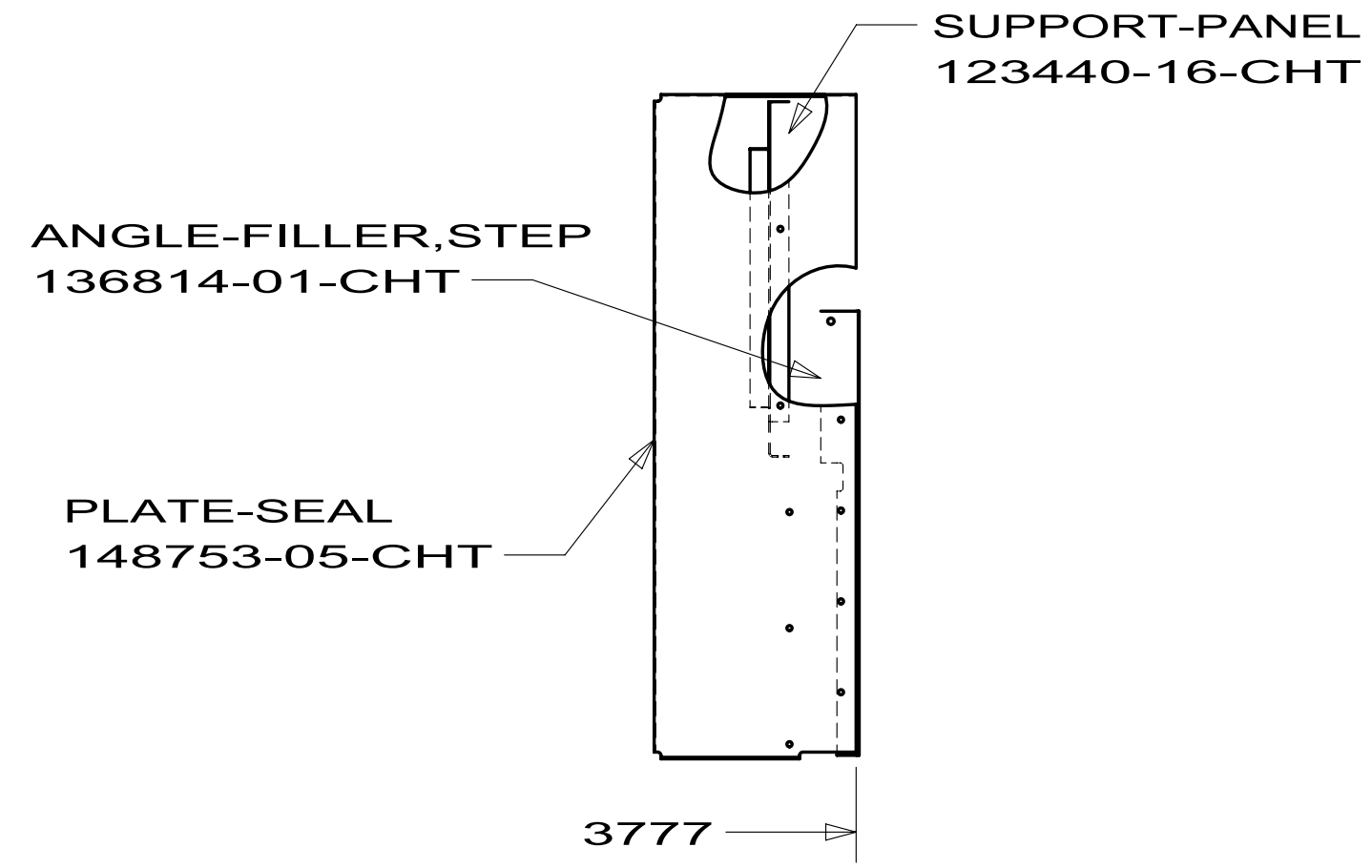
FIRST USED			
10 J38N			
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 7		PART NO 170293	REV



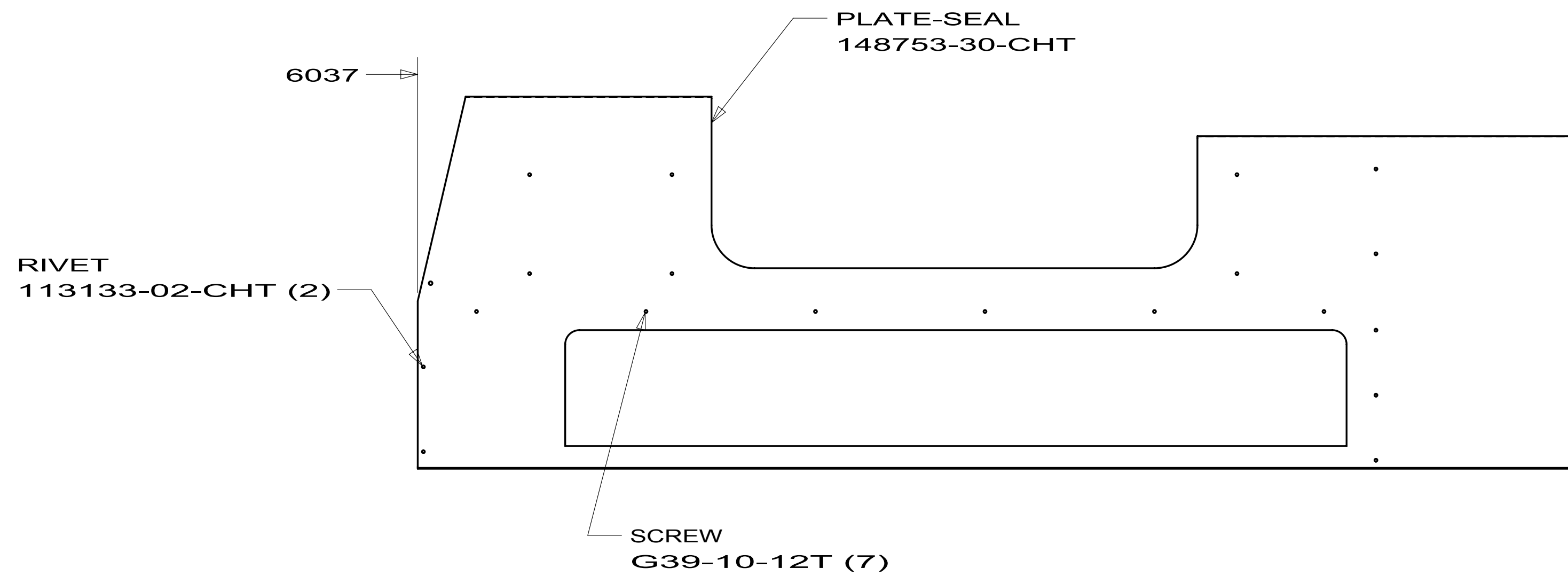
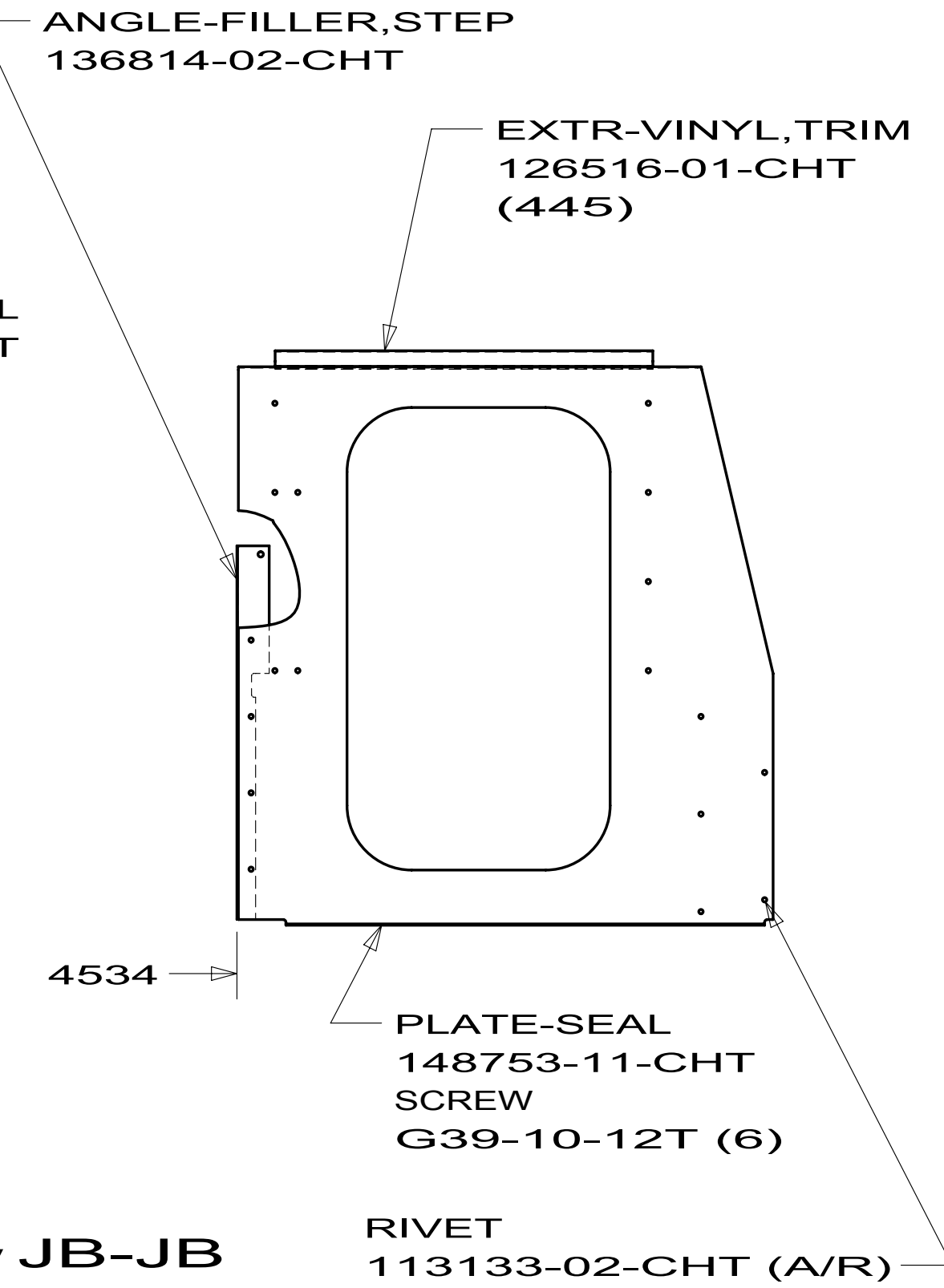
FIRST USED		
10 J38N		
DO NOT SCALE DRAWING		
TITLE:		
FRAME ASM-CHASSIS		
SHEET 8	PART NO 170293	REV



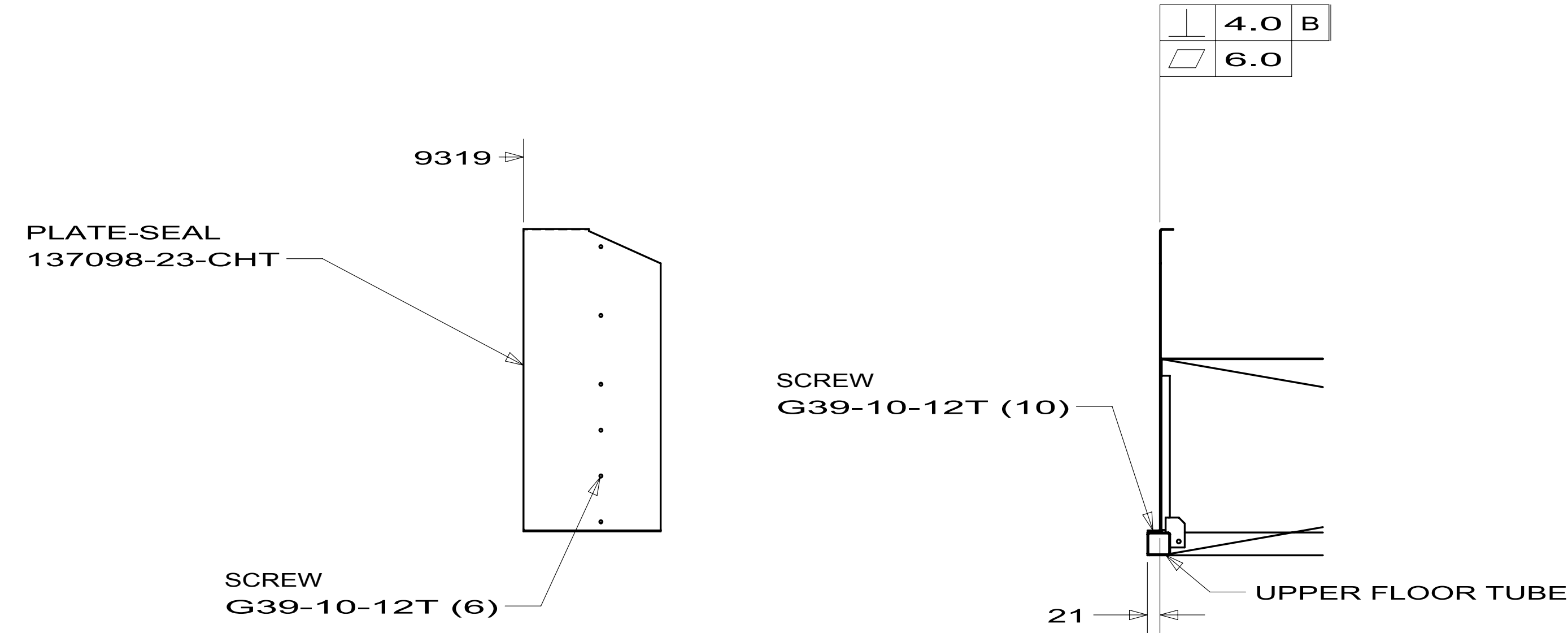
VIEW JA-JA



VIEW JB-JB

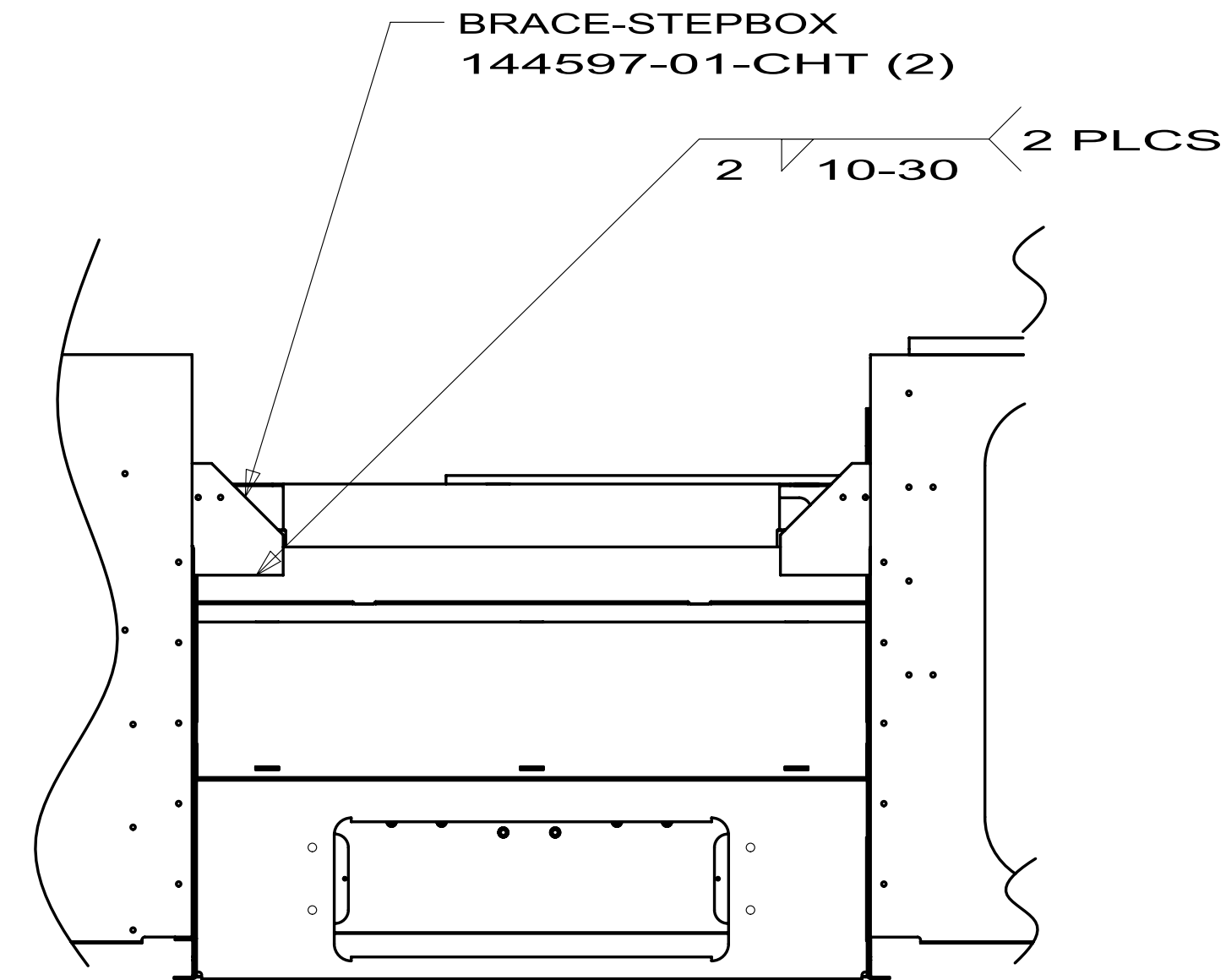


VIEW JC-JC

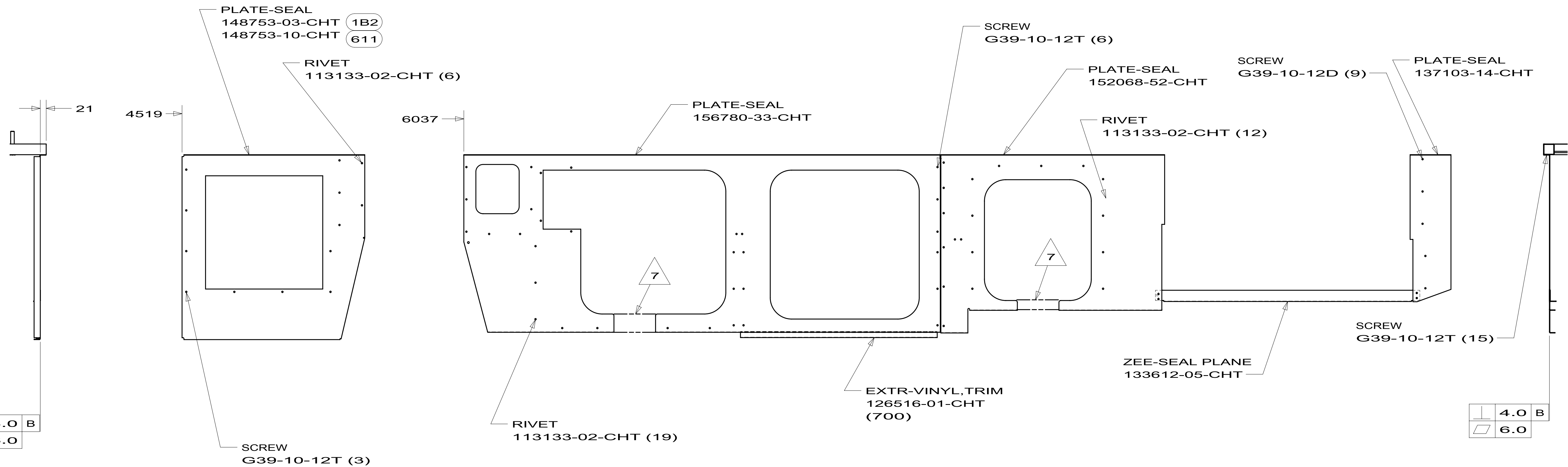


SEAL PLANE ASM-RH
170293-16

FIRST USED		10 J38N	
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 9	PART NO	170293	REV



VIEW KD-KD



VIEW KC-KC 16Z 1PV

VIEW KB-KB

SEAL PLANE ASM-LH 170293-17

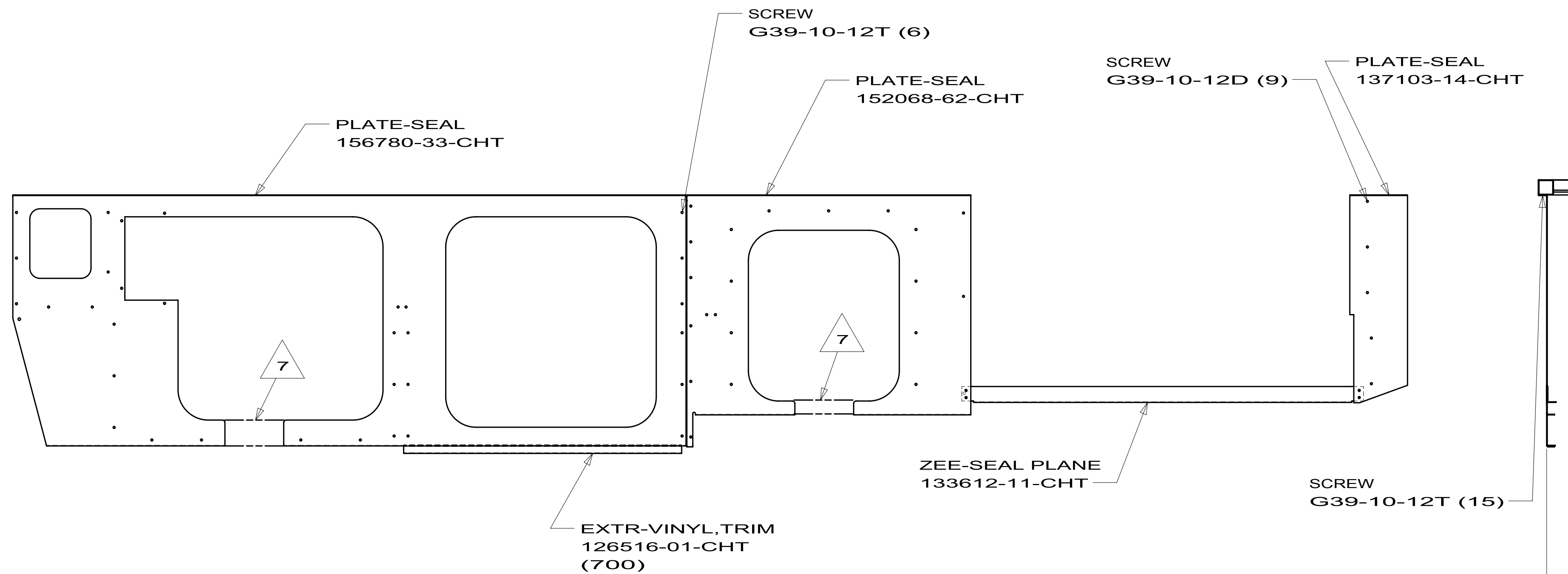
FIRST USED			10 J38N
TITLE:			DO NOT SCALE DRAWING
SHEET 10			170293
PART NO			REV

D

C

B

A



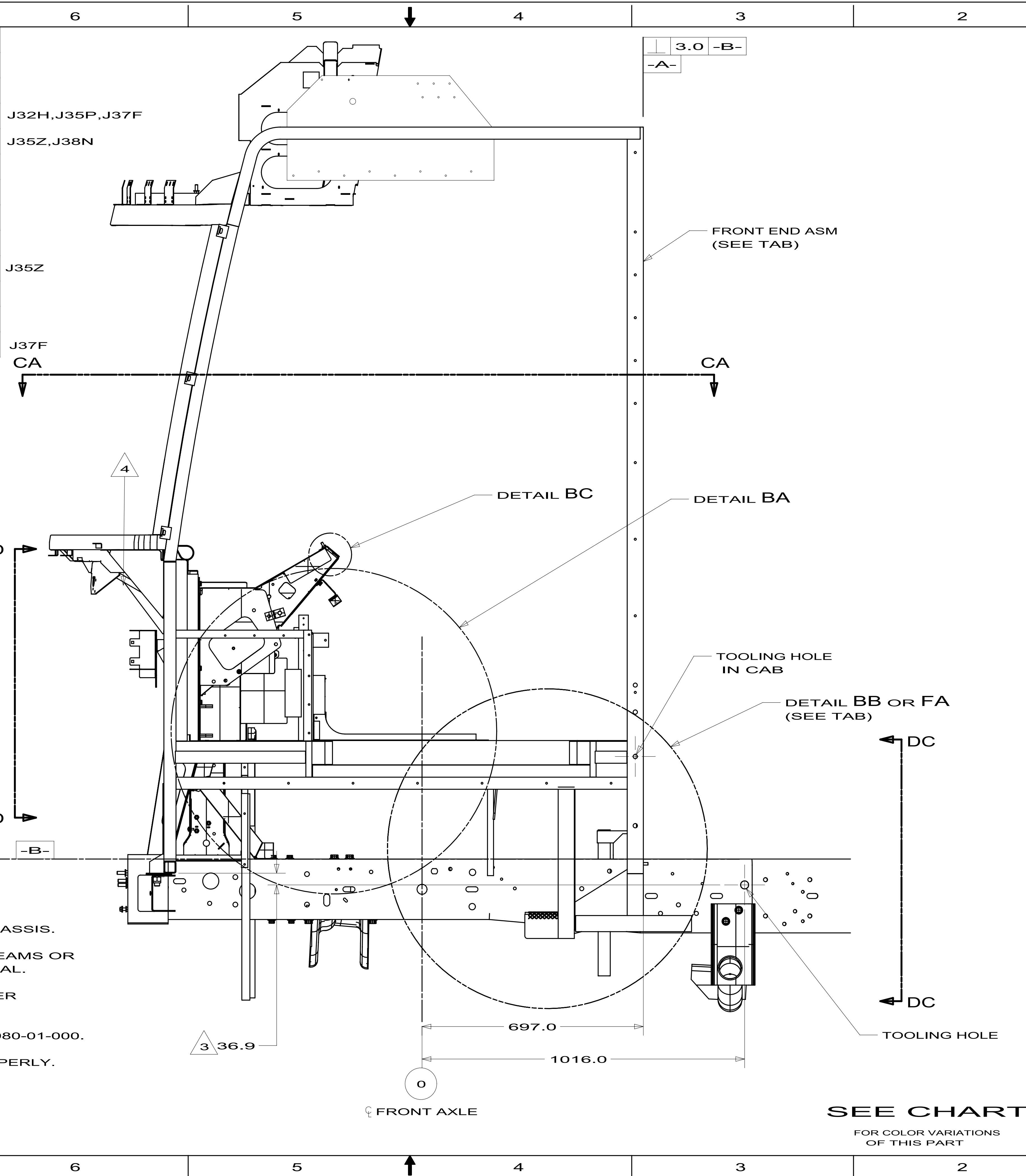
VIEW LA-LA 1LL

4.0	B
6.0	

SEAL PLANE ASM-LH
170293-20

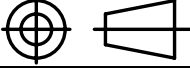
FIRST USED			10 J38N
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS
SHEET 11	PART NO	170293	REV

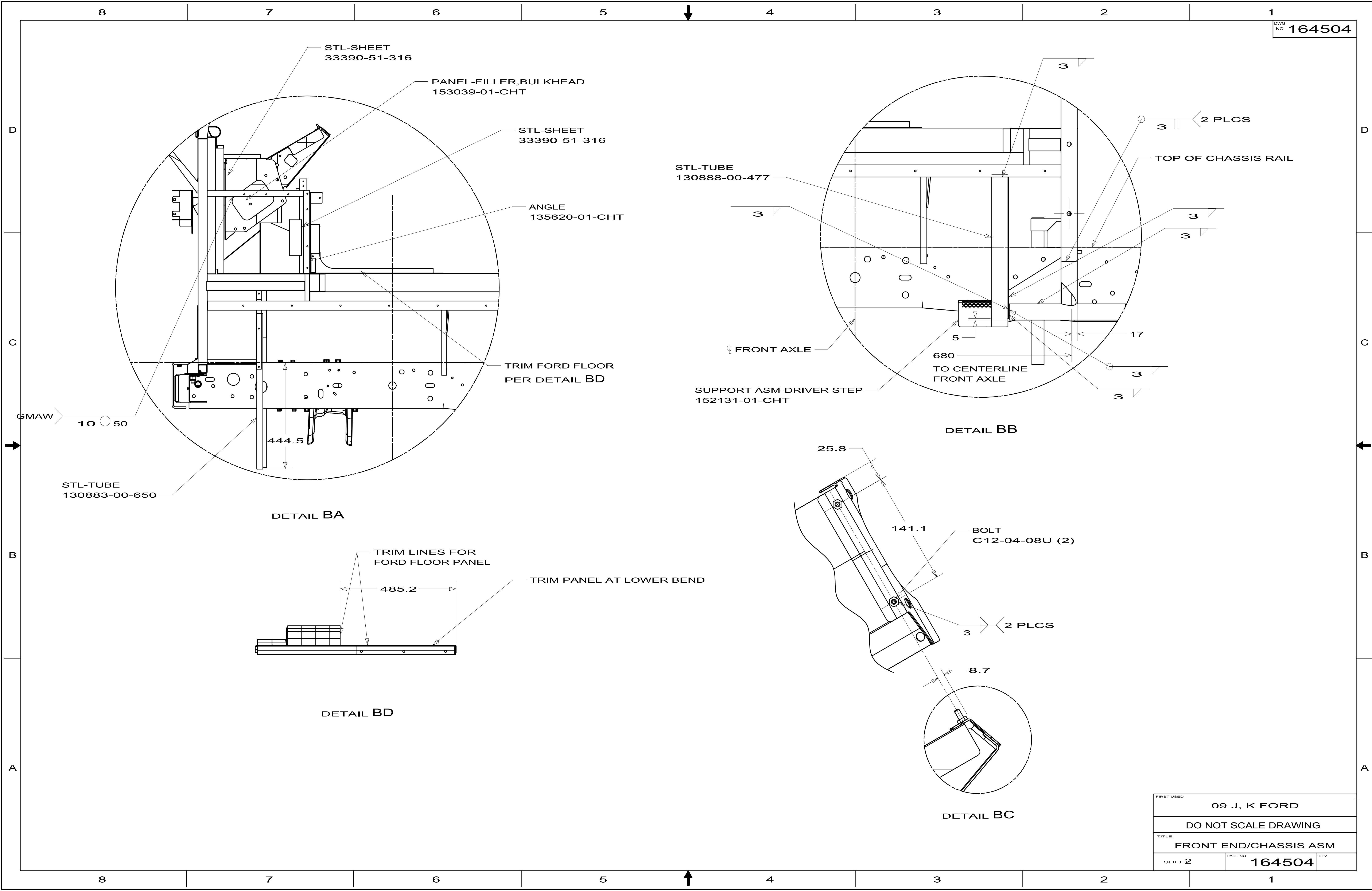
8		7		
DWG NO	FRONT END ASM	DETAIL	VIEW	
164504-01	164505-01-CHT	BB	EB	NOT USED
164504-02	164505-02-CHT	FA	EB	NOT USED
164504-03	164505-03-CHT	FA	EB	W/O TV
164504-04	164505-04-CHT	FA	EB	W/O TV
164504-05	164505-01-CHT	BB	ED	NOT USED
164504-06	164505-02-CHT	FA	ED	NOT USED
164504-07	164505-03-CHT	FA	ED	W/O TV
164504-08	164505-04-CHT	FA	ED	NOT USED
164504-09	164505-05-CHT	FA	EB	W/TV
164504-10	164505-05-CHT	FA	ED	NOT USED
164504-11	164505-06-CHT	FA	EB	NOT USED
164504-12	164505-07-CHT	FA	EB	W/TV

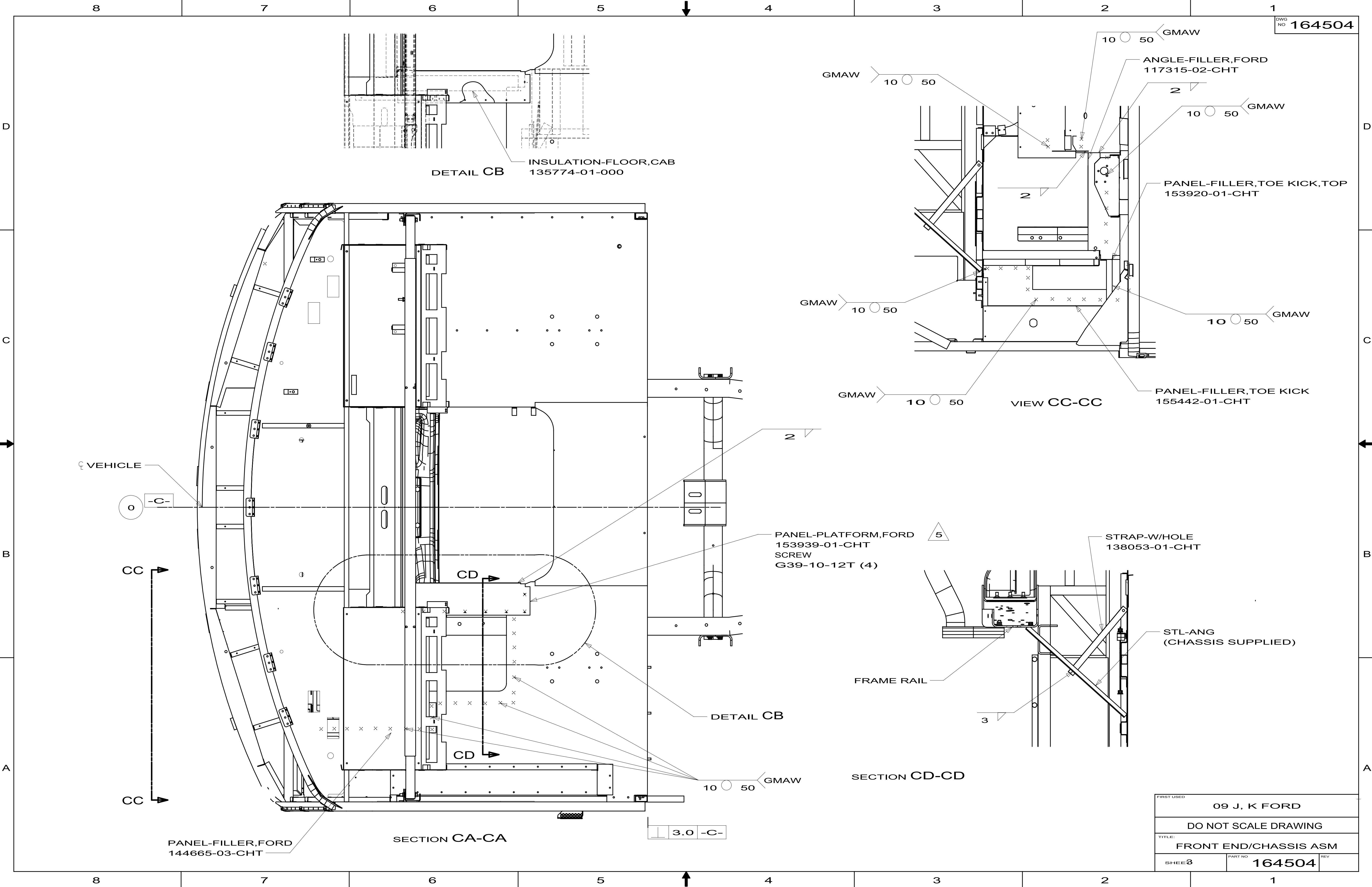


RELEASE		REV A	DATE	DWG NO 164504	
REV	ZONE	REVISION RECORD			DATE DFTR-ORIG

9. TORQUE TO: 191-209 Nm (143-157 FT LB)
8. ADD OR REMOVE SHIMS AS NEEDED TO LEVEL FRONT END ASM.
7. USED TO FILL BULKHEAD AREA ON 2007 FORD CHASSIS.
6. APPLY PUTTY SEALER, 111940-02-000, TO ANY SEAMS OR HOLES THAT NEED A FLEXIBLE DUST AND AIR SEAL.
5. ALIGN FRONT OF PANEL ASM WITH RADIATOR COVER AND REAR WITH ENGINE COVER SEAL EXTRUSION.
4. FOR BRAKE INST-EMERGENCY SEE DWG NO. 108080-01-000.
3. ADJUST HEIGHT OF SUPPORT TO LOCATE CAB PROPERLY.
2. SEAL ALL JOINTS BETWEEN PANELS AND CAB.
1. REMOVE ALL BURRS AND SHARP EDGES.

WINNEBAGO® INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFT#R		ORIG. DATE	
CHGR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.			
DSNR		FIRST USED	
		09 J, K FORD	
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/CHASSIS ASM			
SHEET1 OF 6		PART NO	REV
		164504	





FIRST USED		
09 J, K FORD		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 3	PART NO 164504	REV

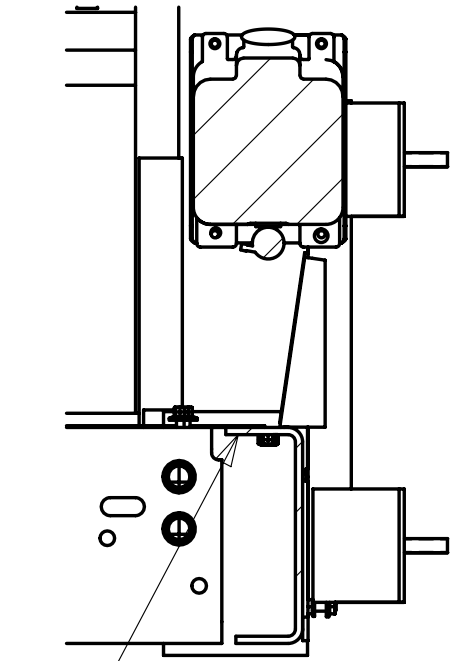
BAFFLE
(CHASSIS SUPPLIED)
SCREW
G39-10-12T (6)

POWER STEERING
RESERVOIR (REF)

OIL DIPSTICK

RELOCATED
ID TAG

FORD ID TAG
LOCATION



SECTION DB-DB
2 SIDES

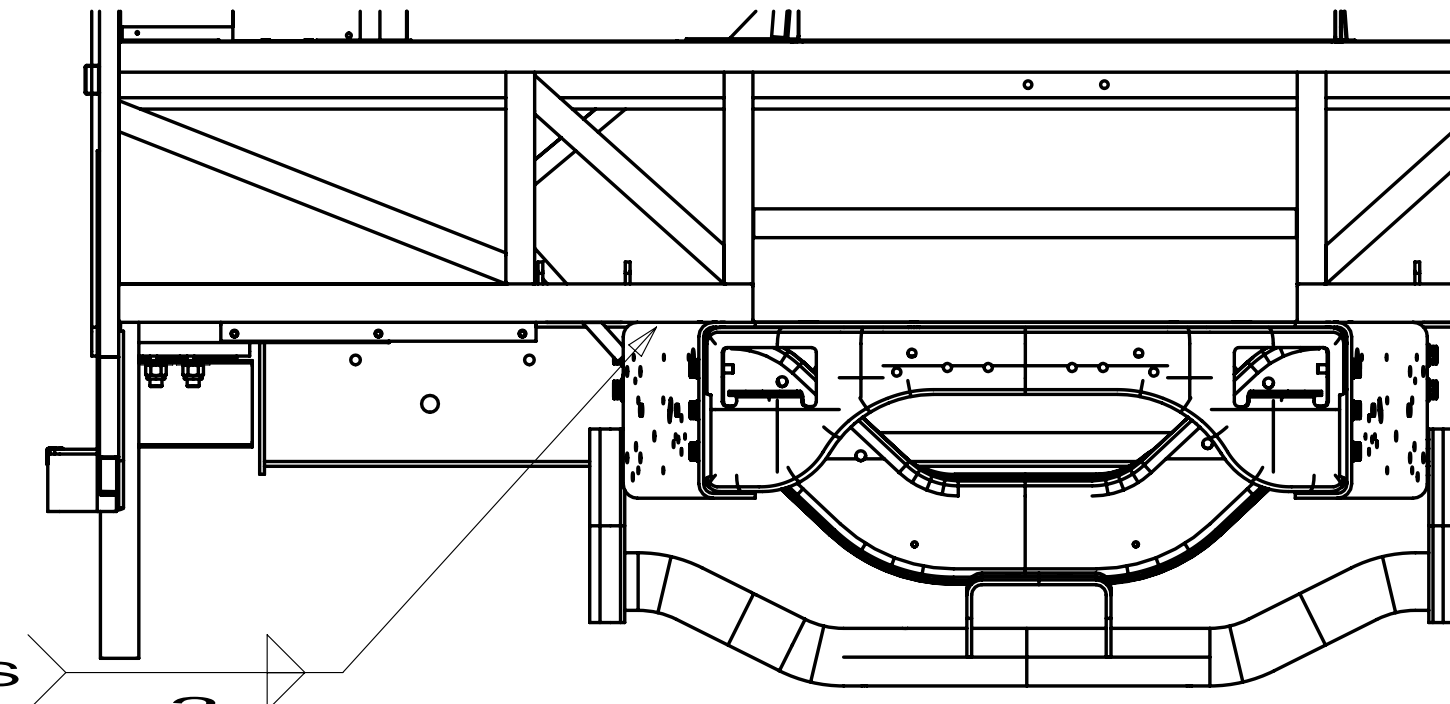
EA

DB

DB

EA

2 PLCS



SECTION DC-DC

FC

FC

SHIELD-SPLASH
144679-02-CHT
NUT
D39-04-000 (2)
SCREW
G11-10-12B (2)

BRACKET ASM-BREAKER BOX
155399-01-CHT

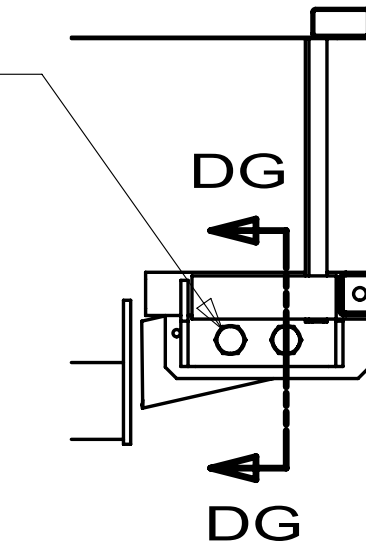
VEHICLE
VIEW DA-DA

PANEL-FILLER
156027-01-000

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

BOLT
C26-06-16U(3)

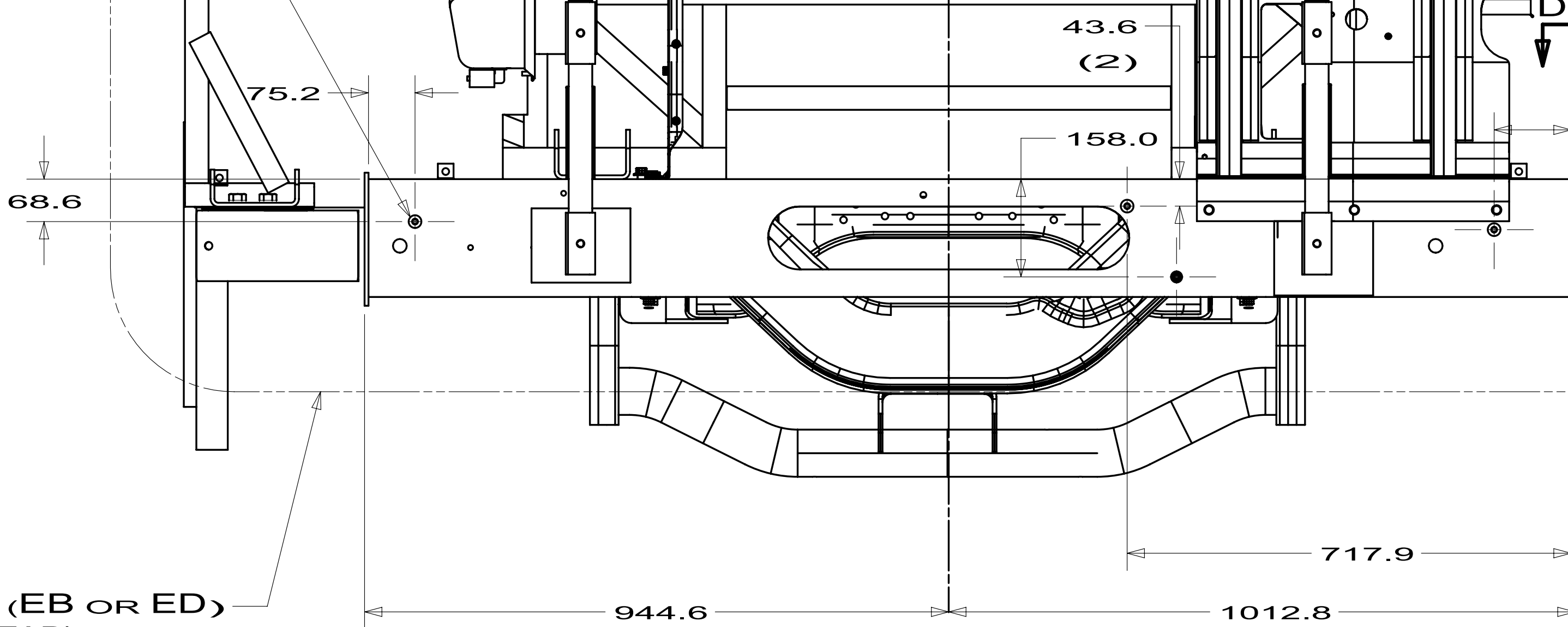
5 BOTH
SIDES



SECTION DF-DF

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

8



VIEW (EB OR ED)
(SEE TAB)

VIEW DD-DD

3 BOTH
SIDES

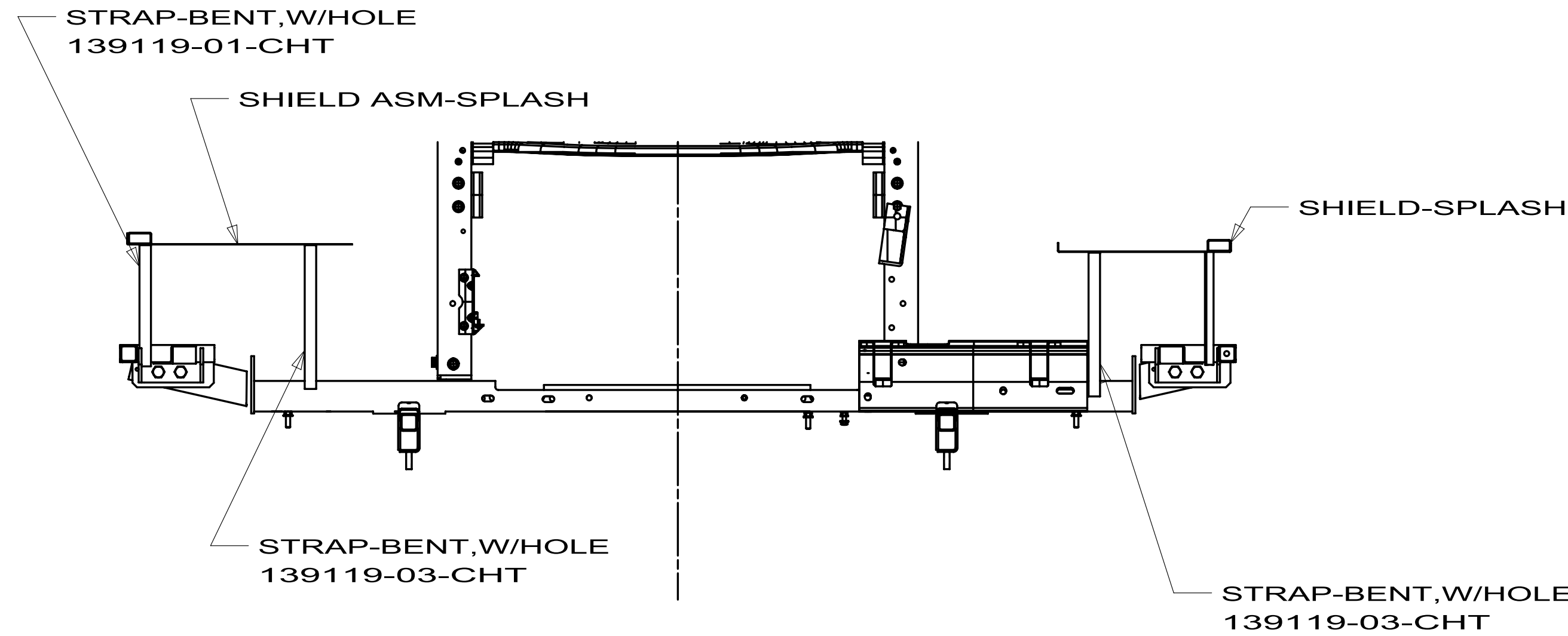
EB

CHANNEL-SUPPORT,FRONT END
165261-03-CHT (RH)
165261-04-CHT (LH)

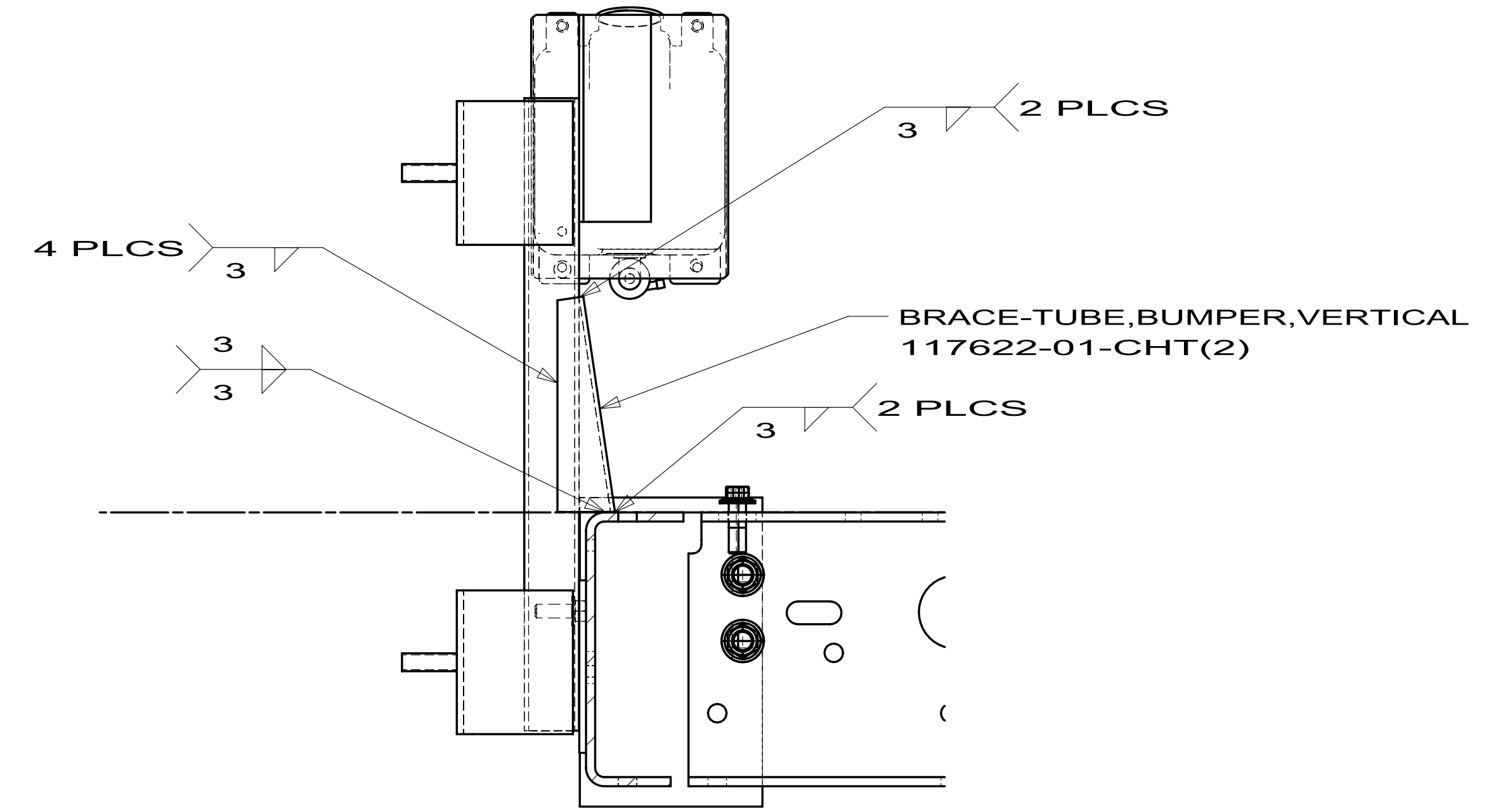
STL-STRIP
130952-20-215 (2)

WASHER-FLAT REF
NUT REF
BOLT REF
WASHER-LOCK REF
SECTION DG-DG

FIRST USED		
09 J, K FORD		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 4	PART NO 164504	REV

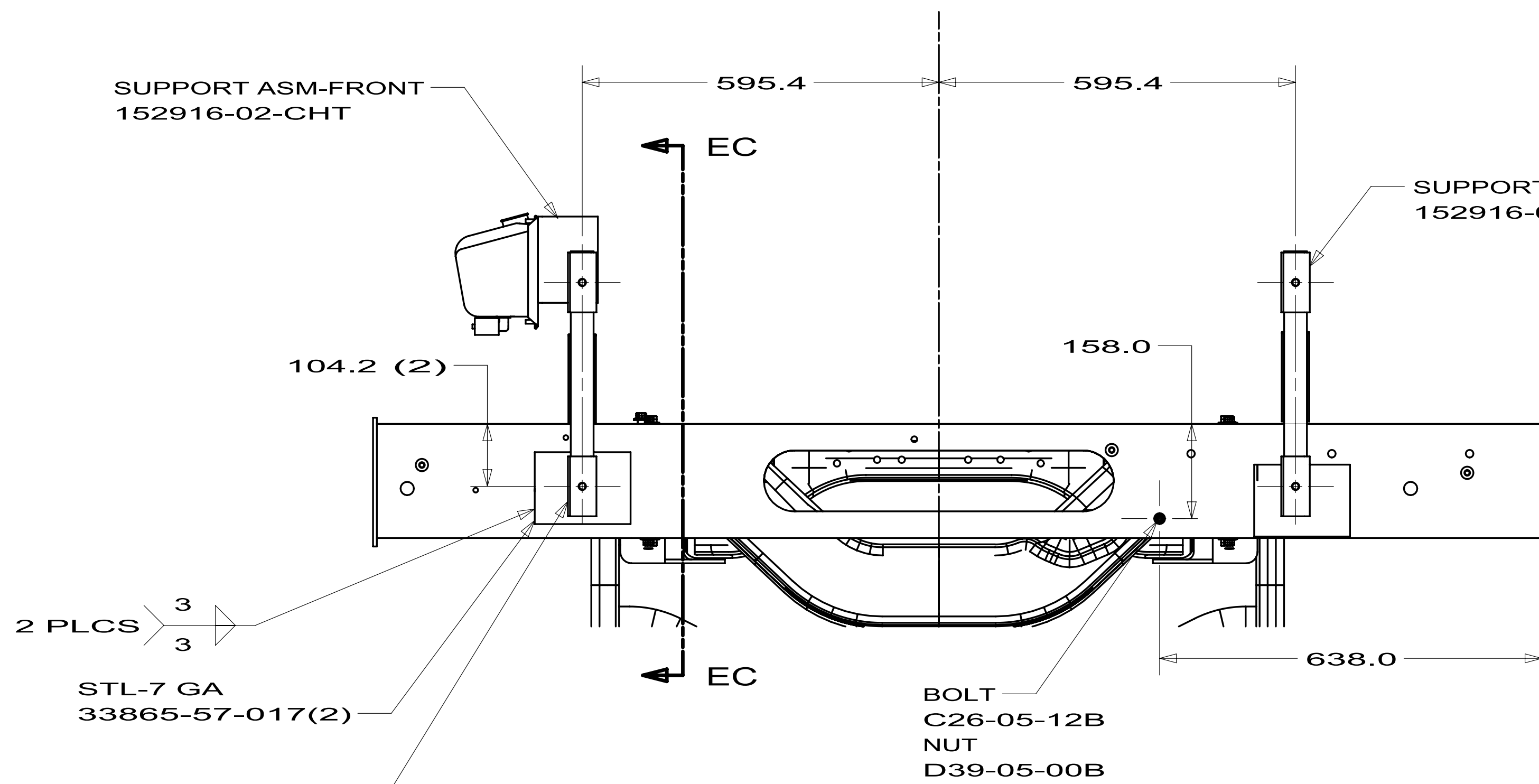


SECTION EA-EA

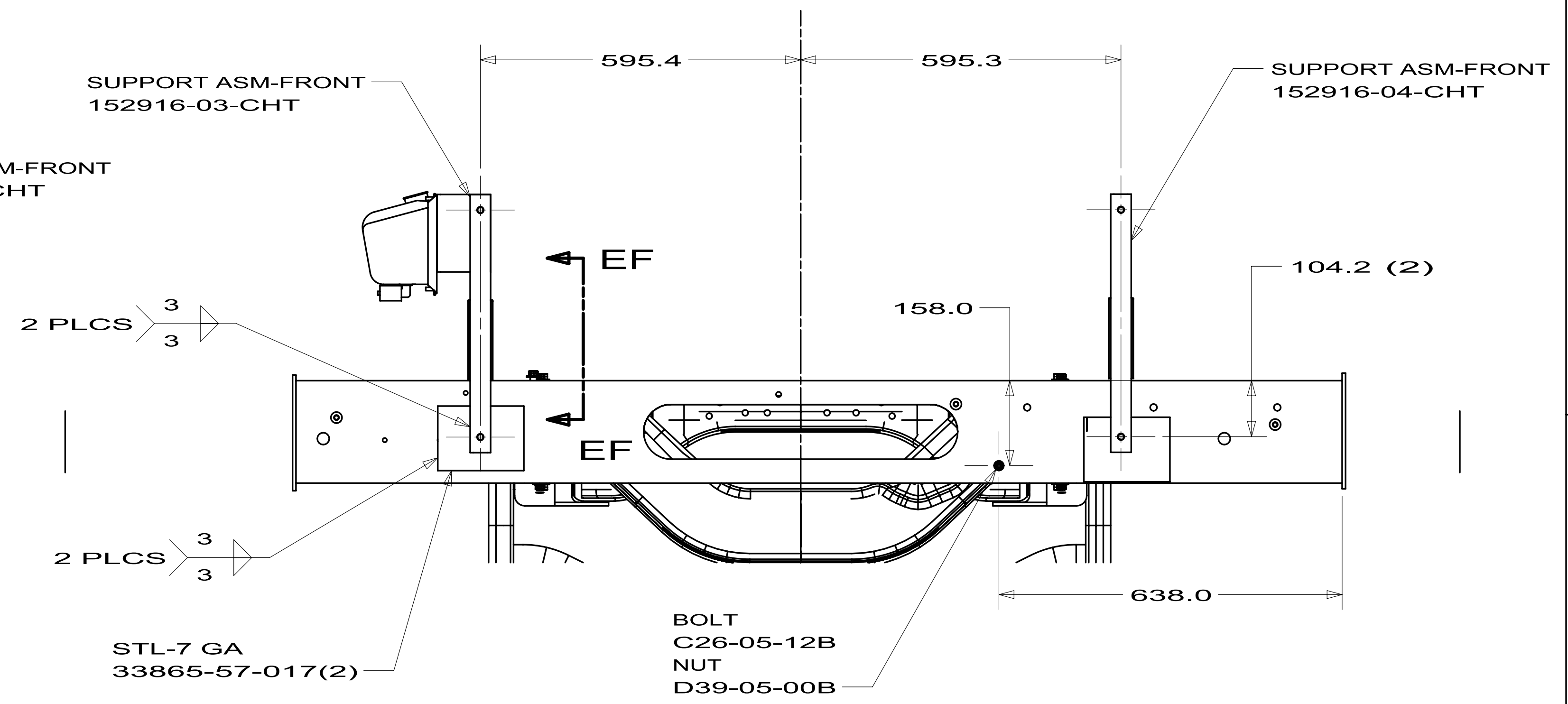


SECTION EC-EC
(SHOWN)

SECTION EF-EF
(SIMILAR)

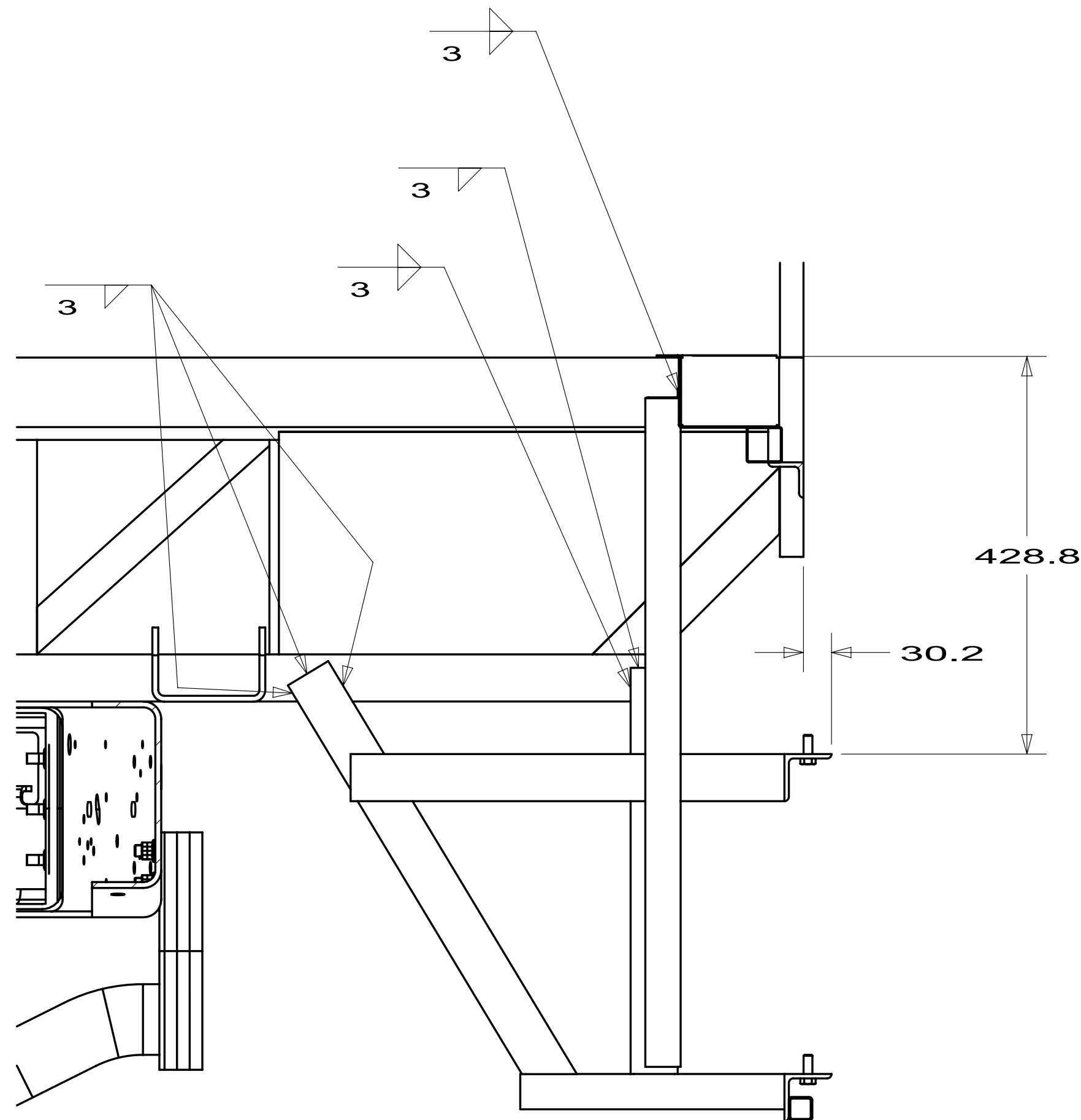


VIEW EB



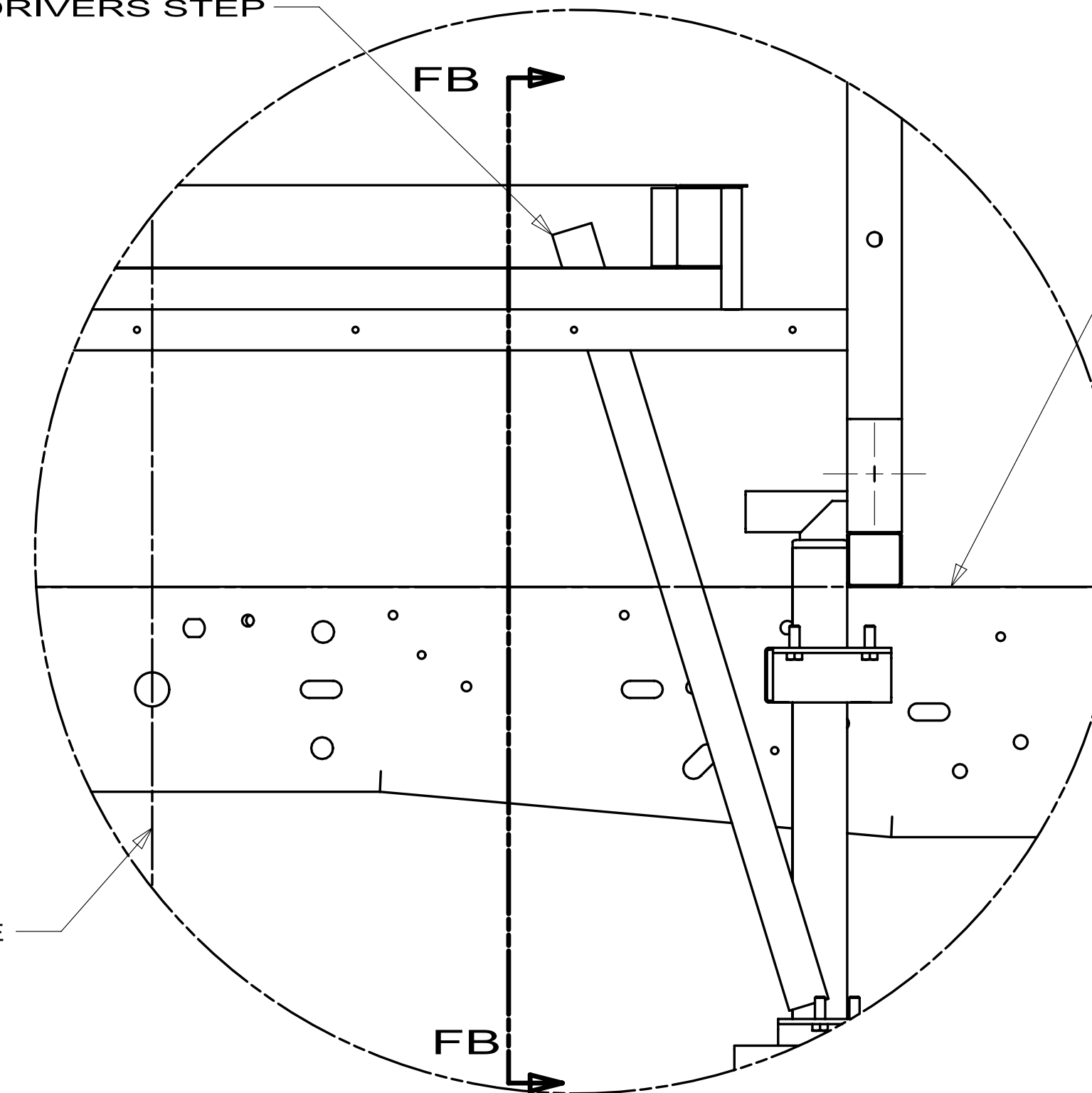
VIEW ED

FIRST USED		
09 J, K FORD		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 5	PART NO 164504	REV

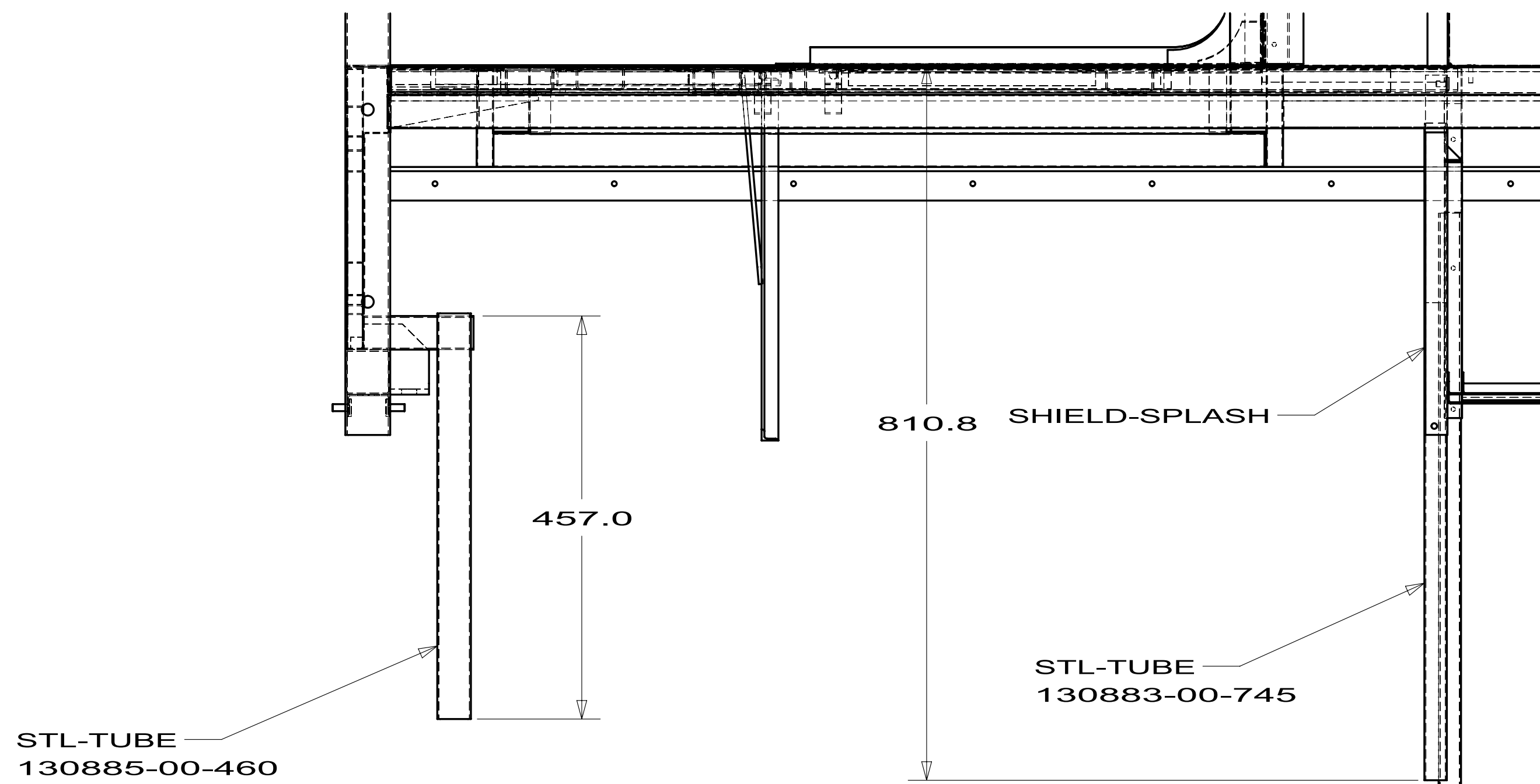


SECTION FB-FB

SUPPORT ASM-DRIVERS STEP
138340-04-CHT



DETAIL FA

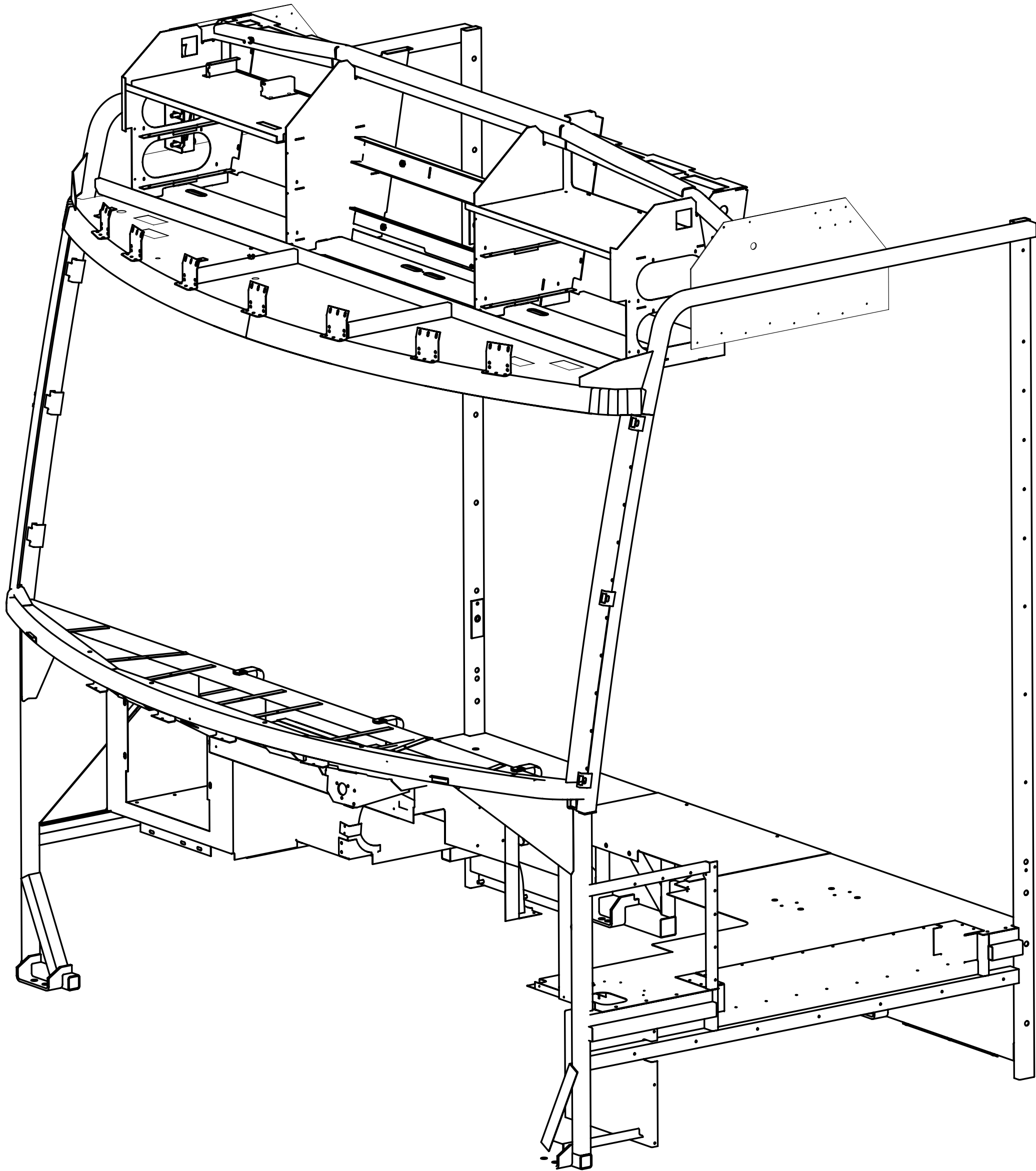


SECTION FC-FC

FIRST USED		
09 J, K FORD		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 6	PART NO 164504	REV

8		7		6		5	
DWG NO	LH B PILLAR	RISER ASM-CAB	SUPPORT ASM-TV	TUBE-TOP,LH	PLATE ASM-LH	A	B
164505-01	127874-09-CHT	145125-10-CHT	151975-03-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164505-02	127874-10-CHT	145125-07-CHT	151975-03-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164505-03	127874-10-CHT	145125-07-CHT	151975-02-CHT	117344-10-CHT	150653-07-CHT	34.0	40.0
164505-04	127874-10-CHT	145125-07-CHT	151975-02-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164505-05	127874-10-CHT	145125-07-CHT	151975-04-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164505-06	127874-10-CHT	145125-07-CHT	151975-03-CHT	117344-10-CHT	150653-07-CHT	34.0	40.0
164505-07	127874-10-CHT	145125-07-CHT	151975-04-CHT	117344-10-CHT	150653-07-CHT	34.0	40.0
164505-08	127874-10-CHT	145125-07-CHT	151975-05-CHT	117344-10-CHT	150653-07-CHT	34.0	40.0

RELEASE		REV	DATE	DWG NO		164505	
REV	ZONE	REVISION RECORD			DATE	DFT-ORIG	

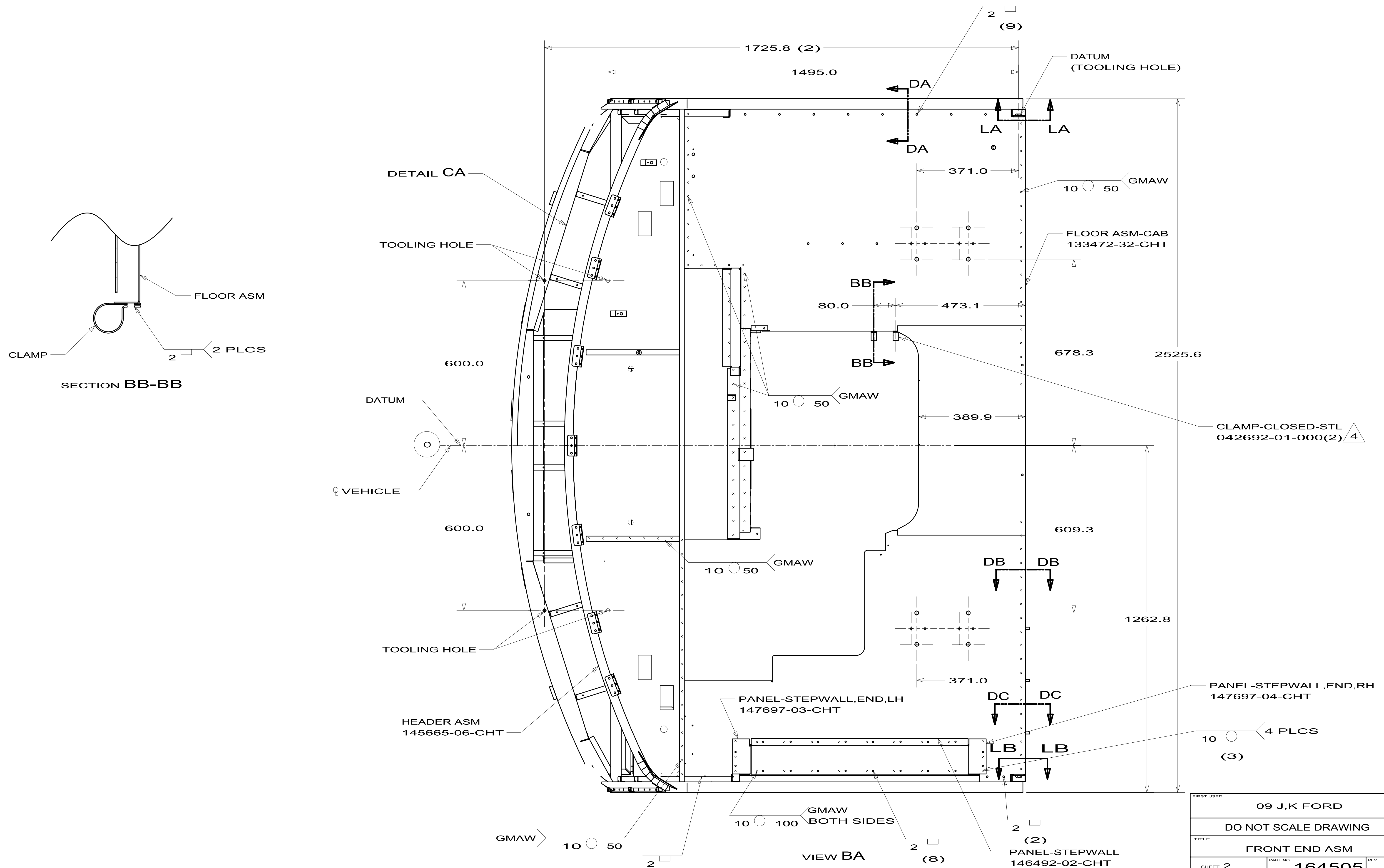


1. CLEAN, E-COAT AND SEAL CAB WITH 143201-01-000.
2. ATTACH AFTER E-COAT.
3. MUST BE FLUSH WITHIN ± 1.5 .
4. HOLES MUST ALIGN TO ALLOW FREE PASSAGE OF A #10 SCREW.
5. ALIGN HOLES.
6. SEAL WITH SEALANT II0744-C3-000 AFTER E-COAT.
7. TORQUE BOLT TO 34 FT-LBS.

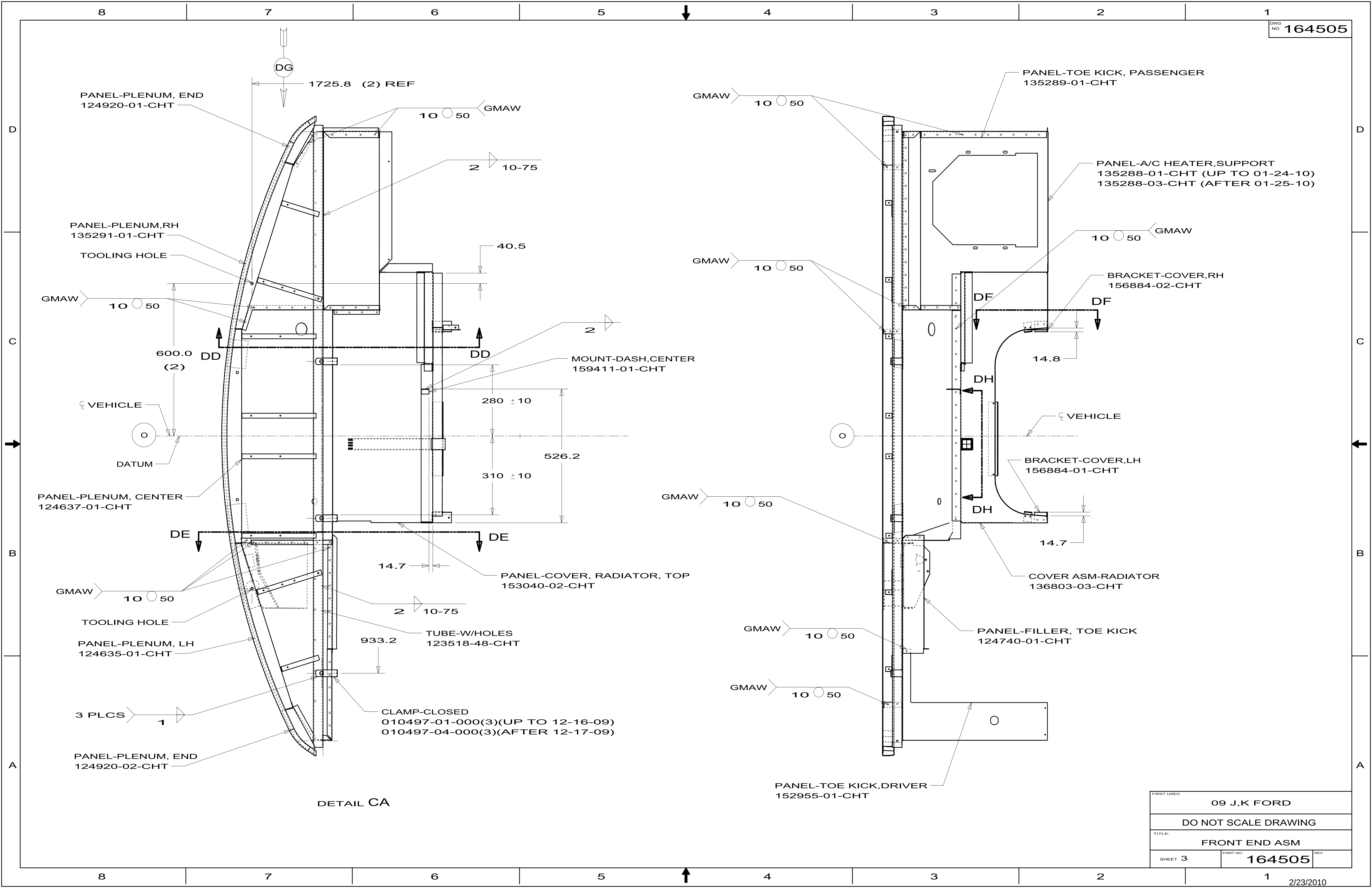
NOTES:

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.			
DFT-ORIG		ORIG. DATE			
CHK-OR		ALL DIMENSIONS ARE IN MILLIMETERS			
P.E.					
M.E.		FIRST USED			
DSNR		09 J,K FORD			
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		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES			
TITLE:					
FRONT END ASM					
SHEET 1 OF 11		PART NO	164505		
		REF:	1		

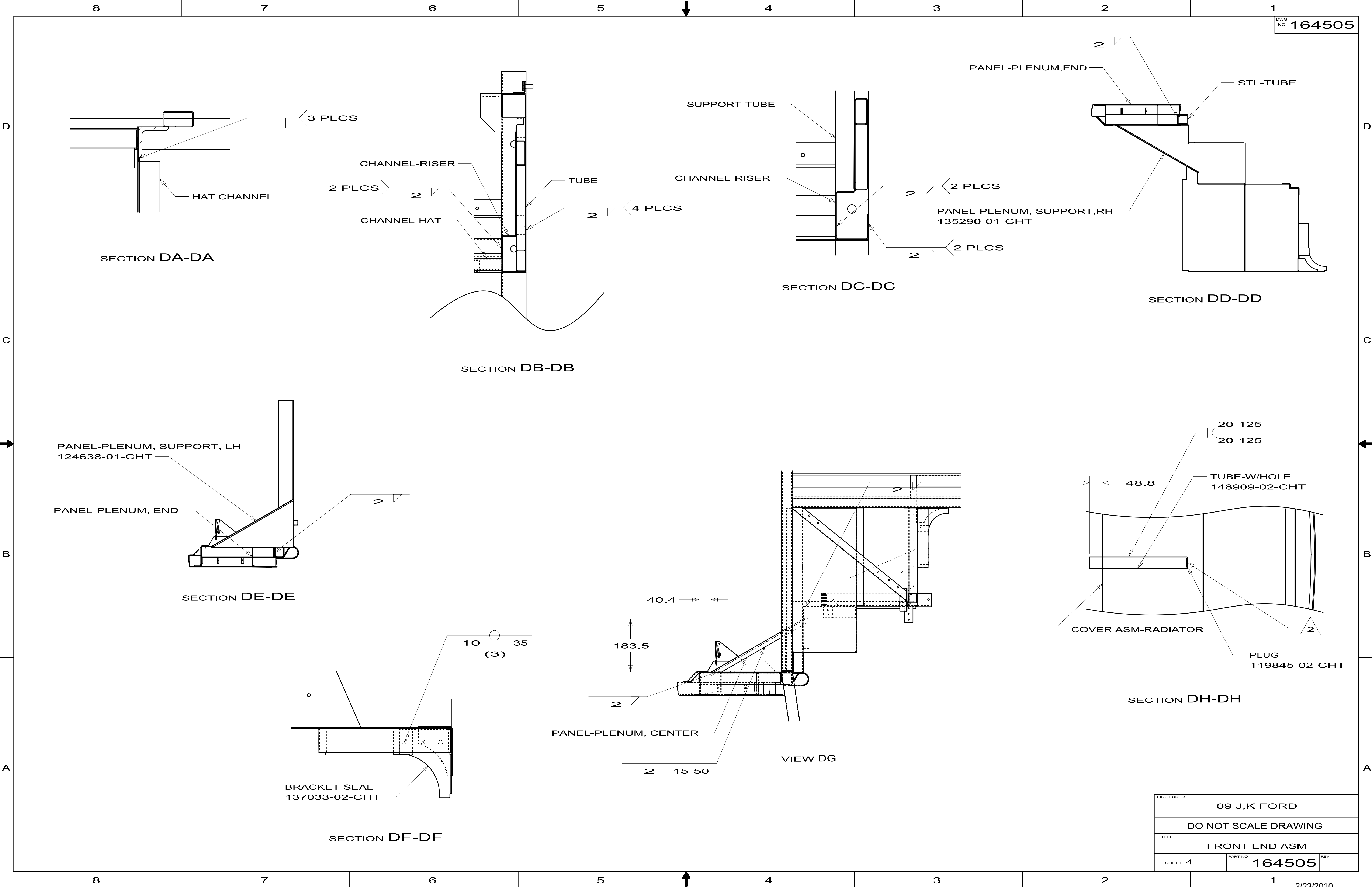


FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 2	PART NO 164505	REV

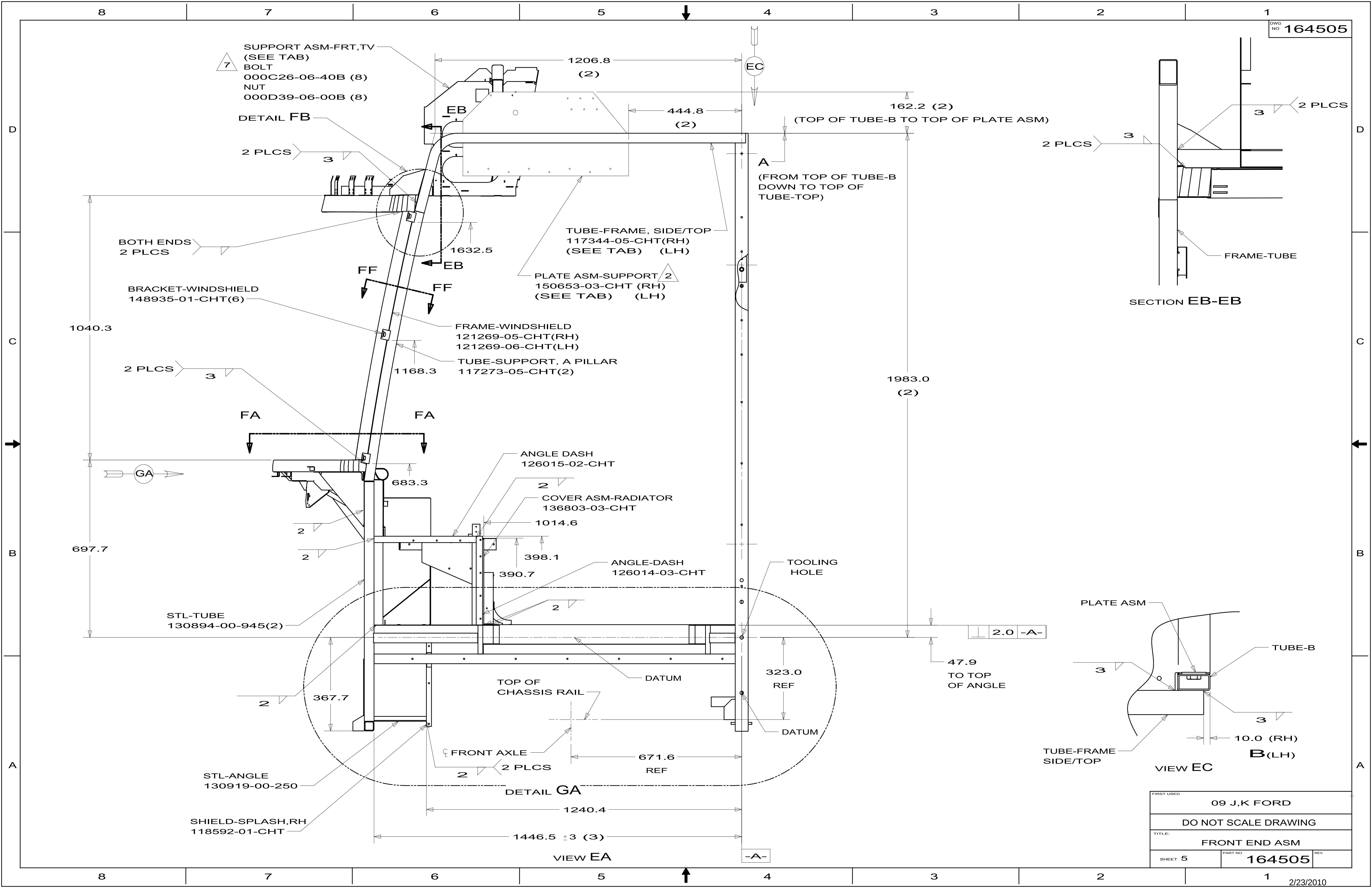


DETAIL CA

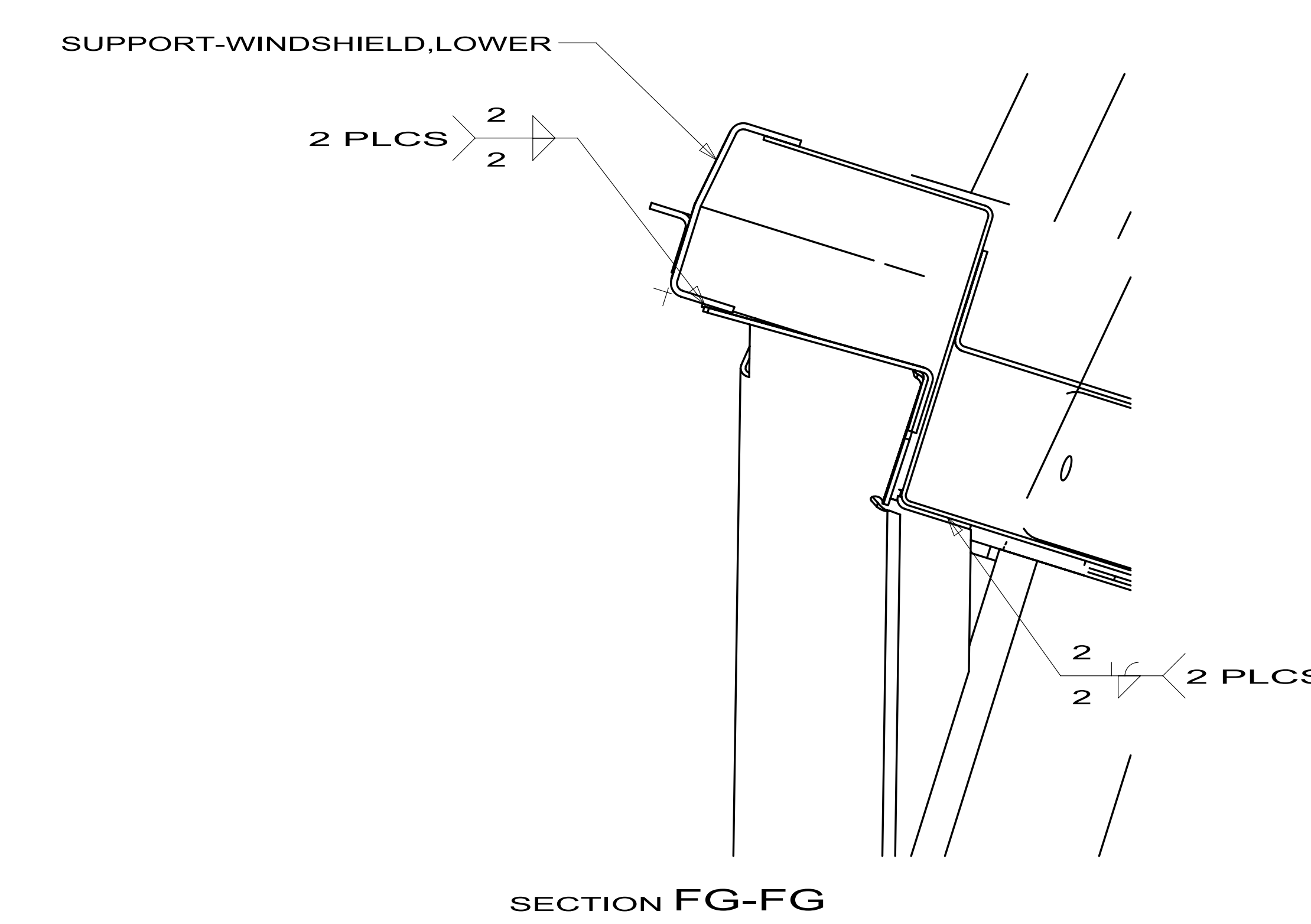
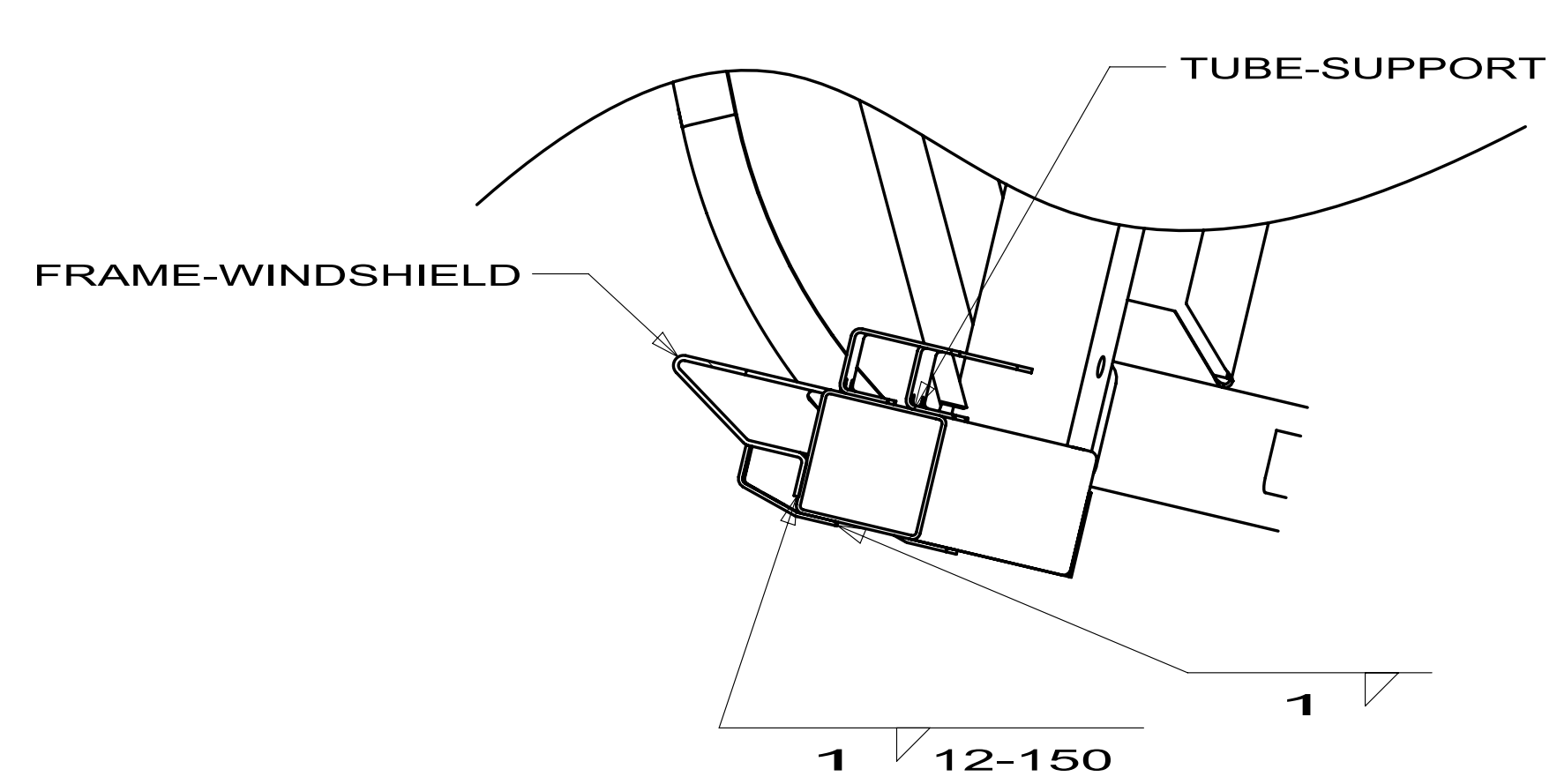
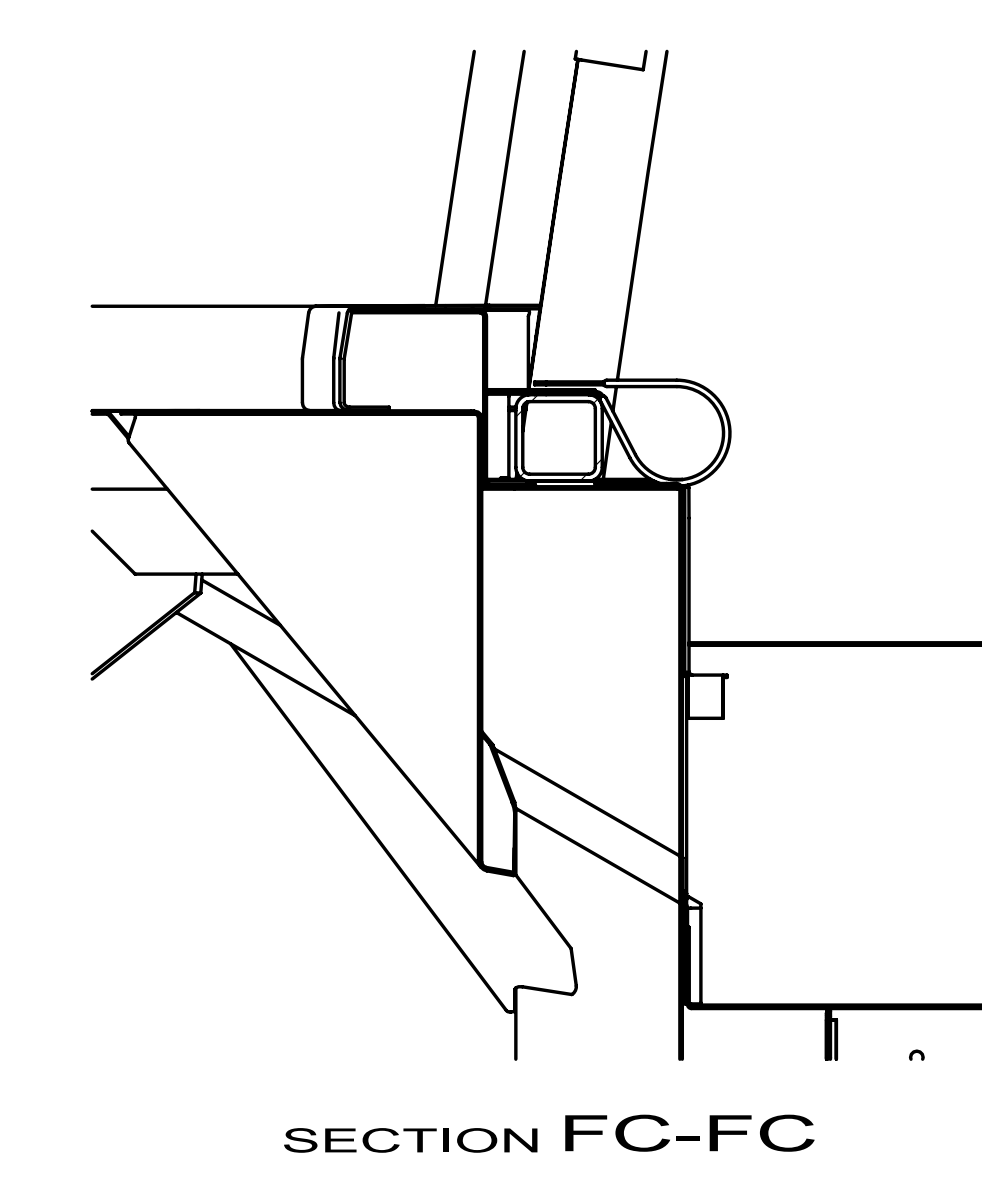
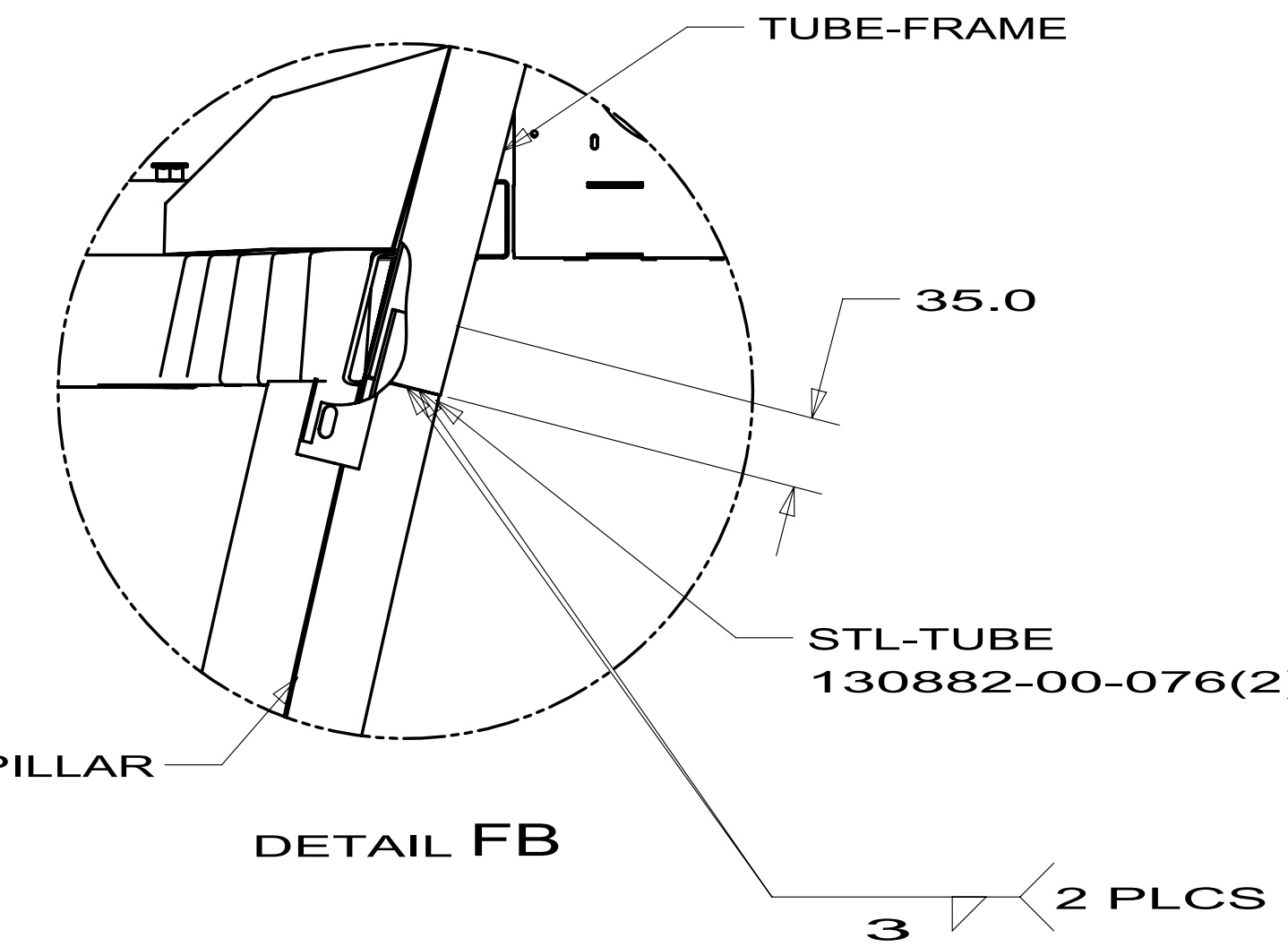
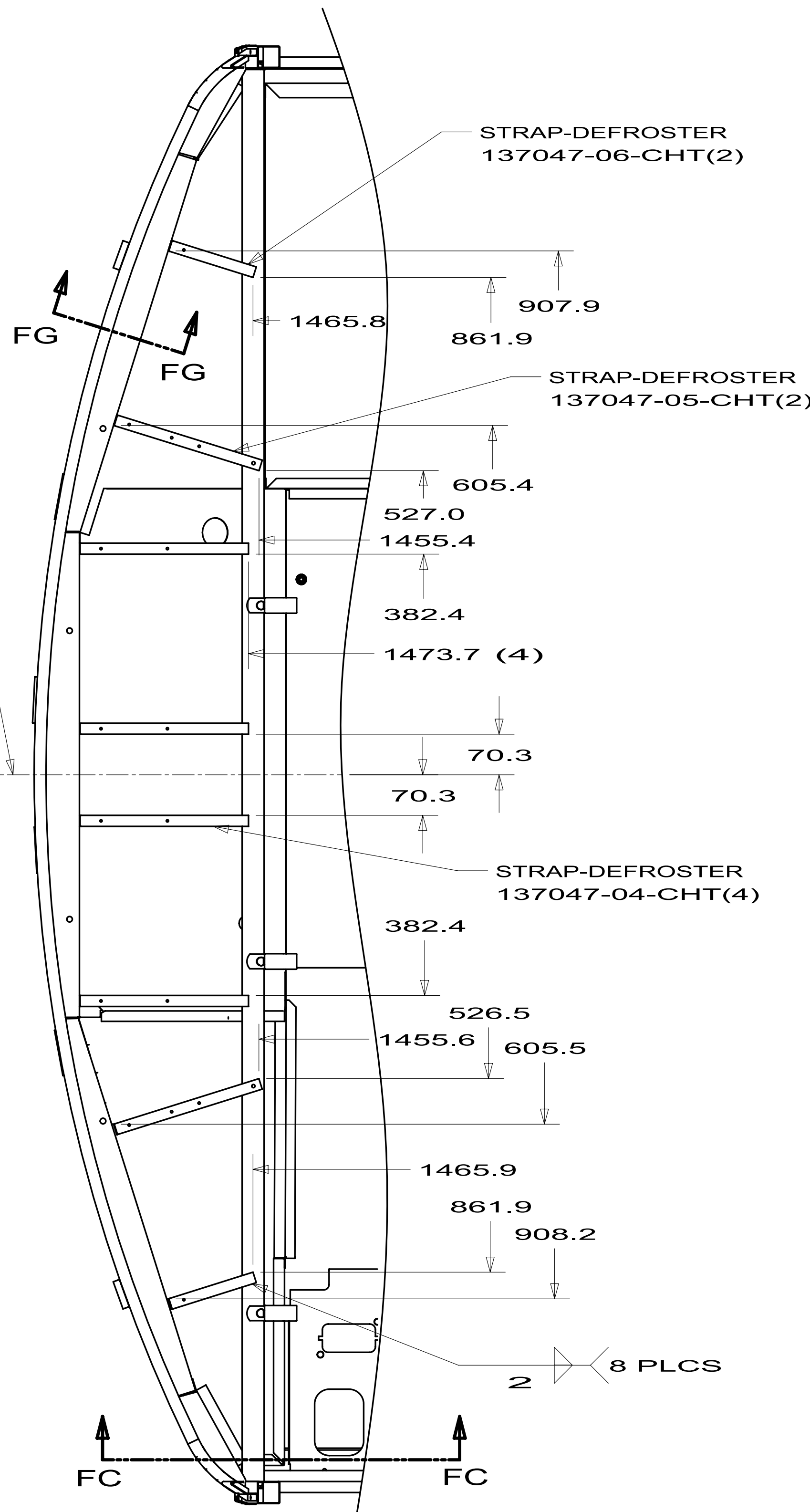
FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 3	PART NO	REV
	164505	



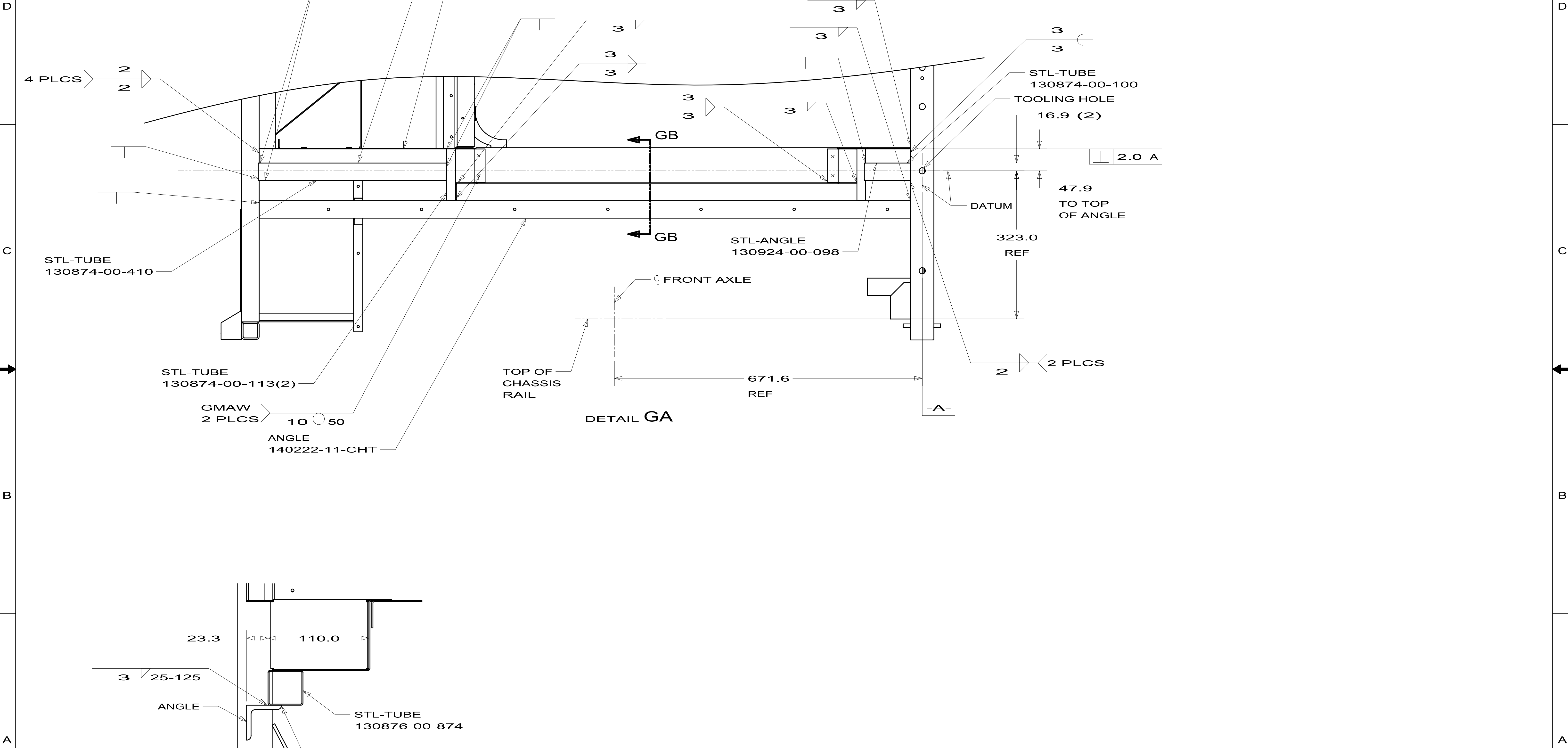
FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO	REV
	164505	



FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 5	PART NO	REV
	164505	

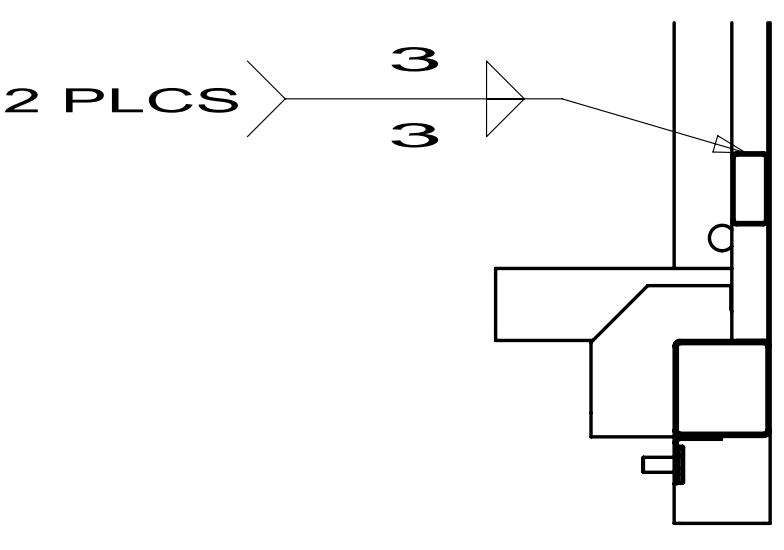
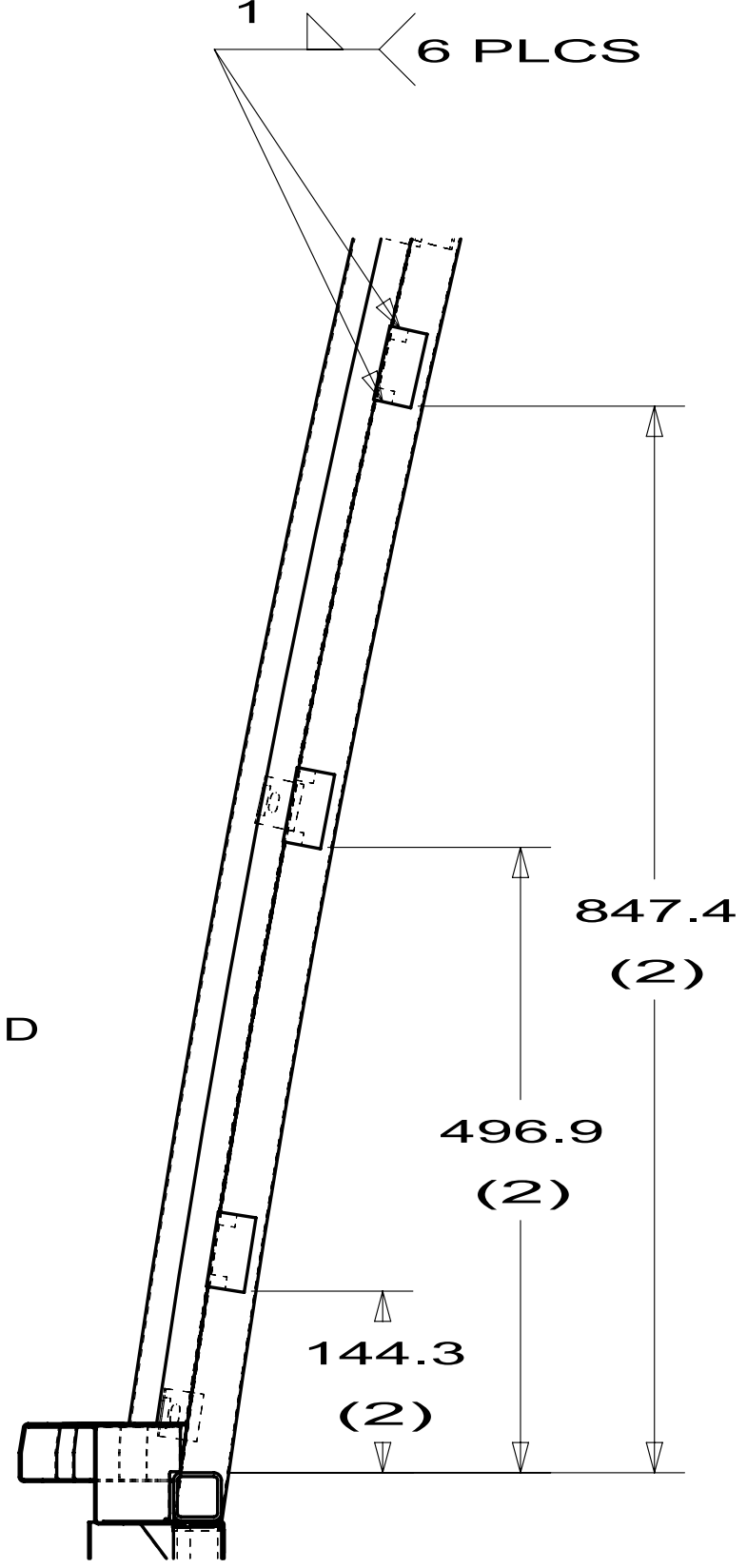
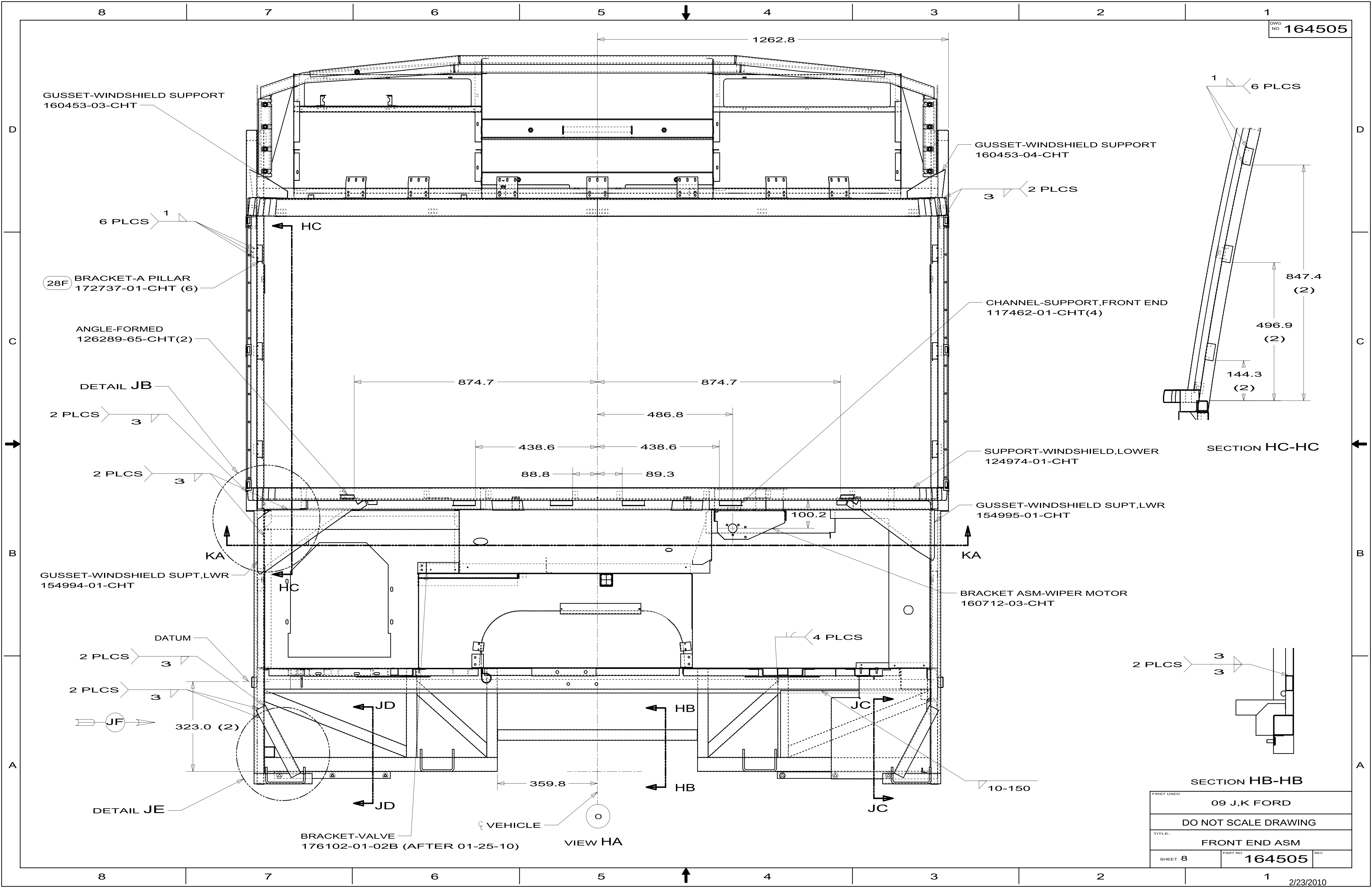


FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 6	PART NO 164505	REV

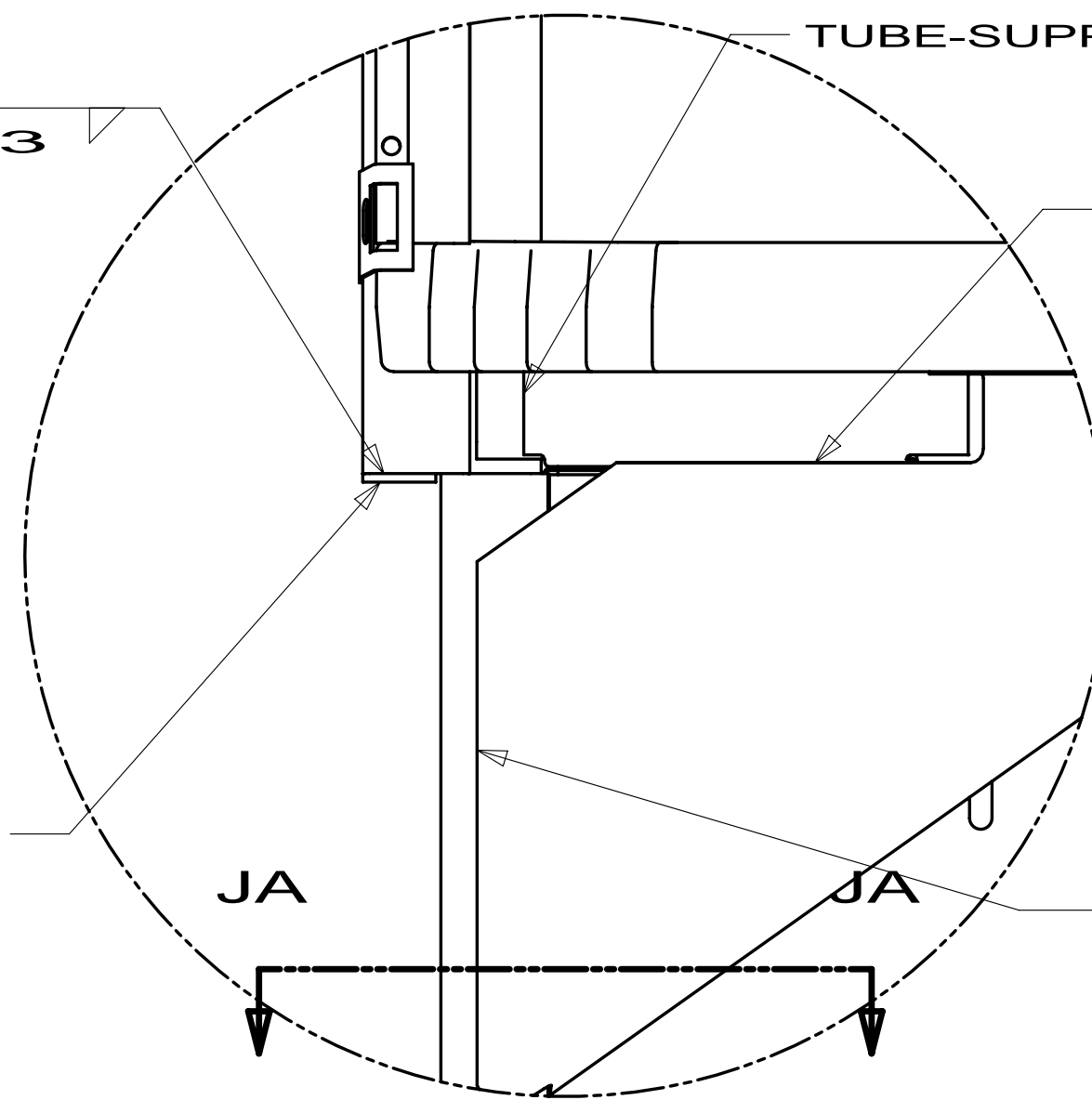


SECTION GB-GB

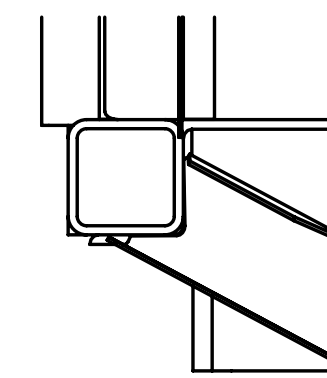
FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 7	PART NO	REV
	164505	



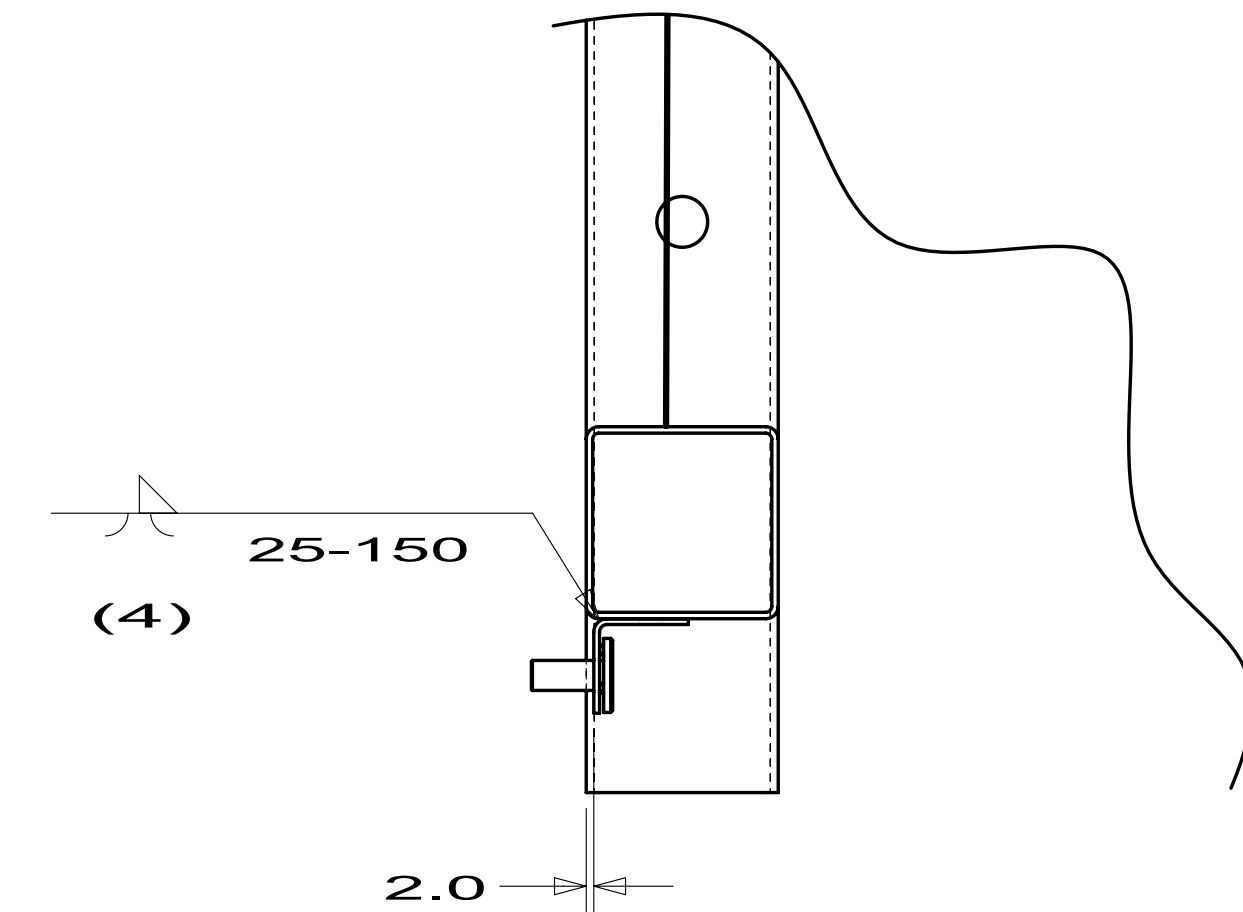
FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 8	PART NO 164505	REV



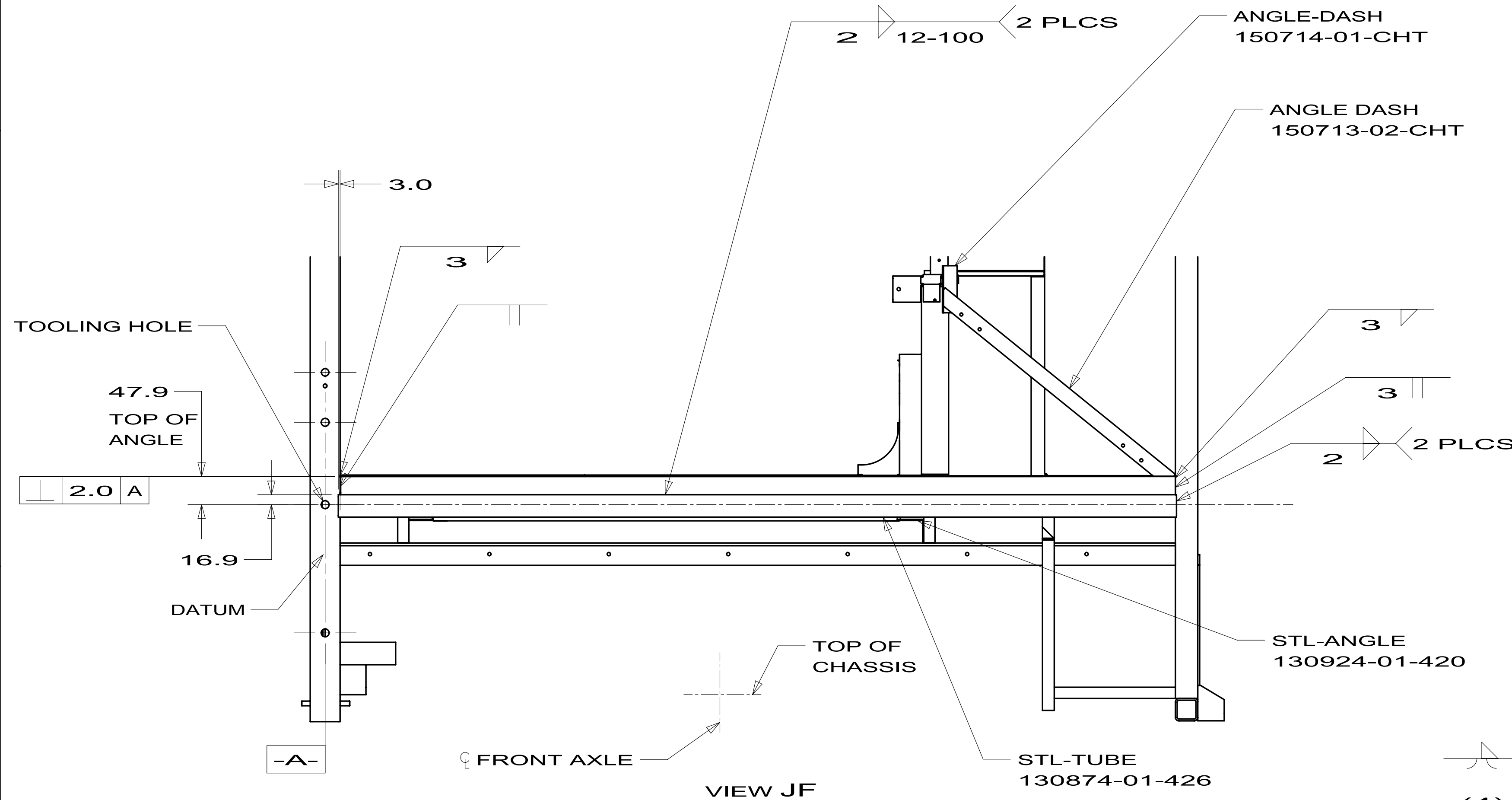
DETAIL JB



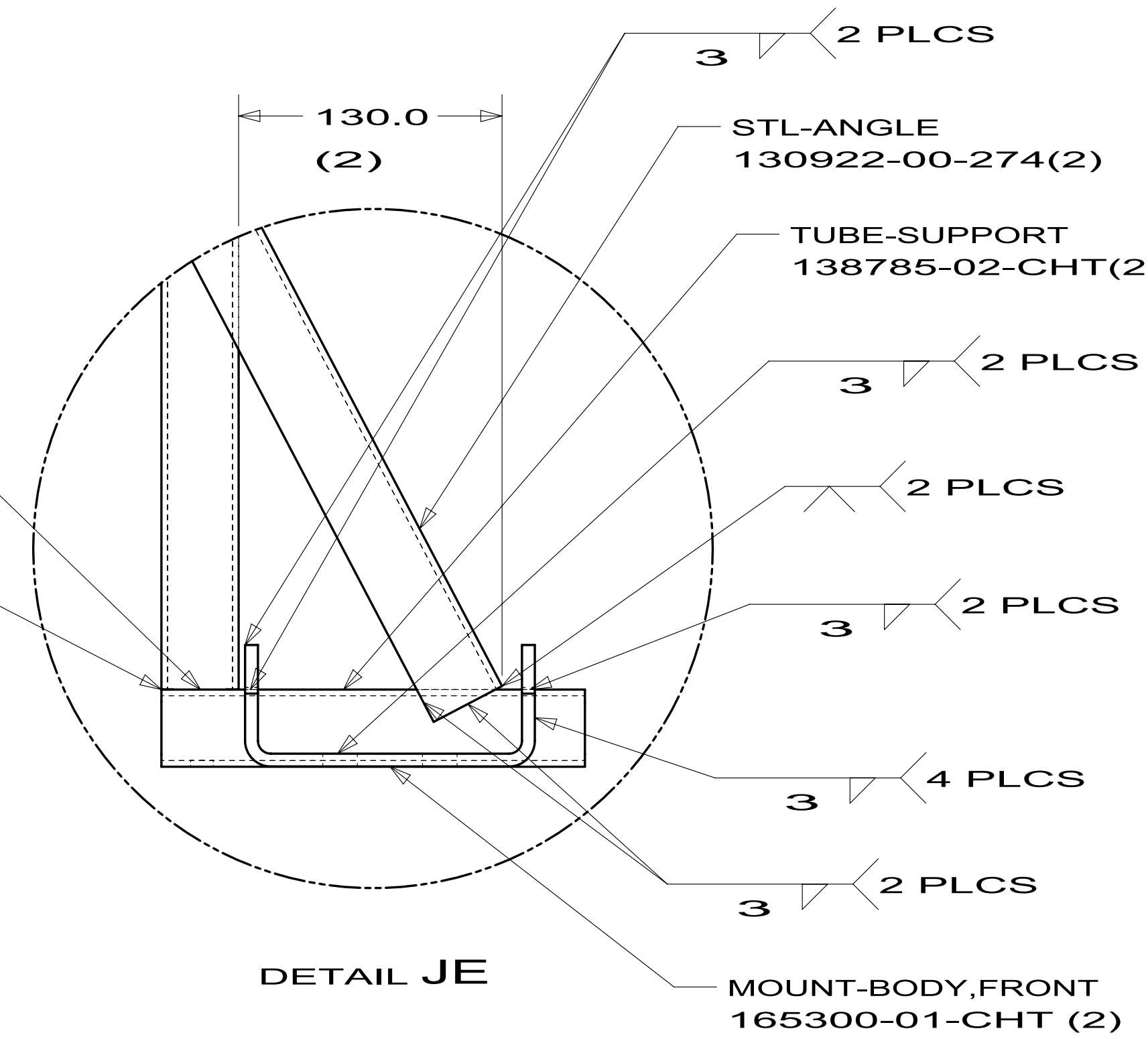
SECTION JA-JA



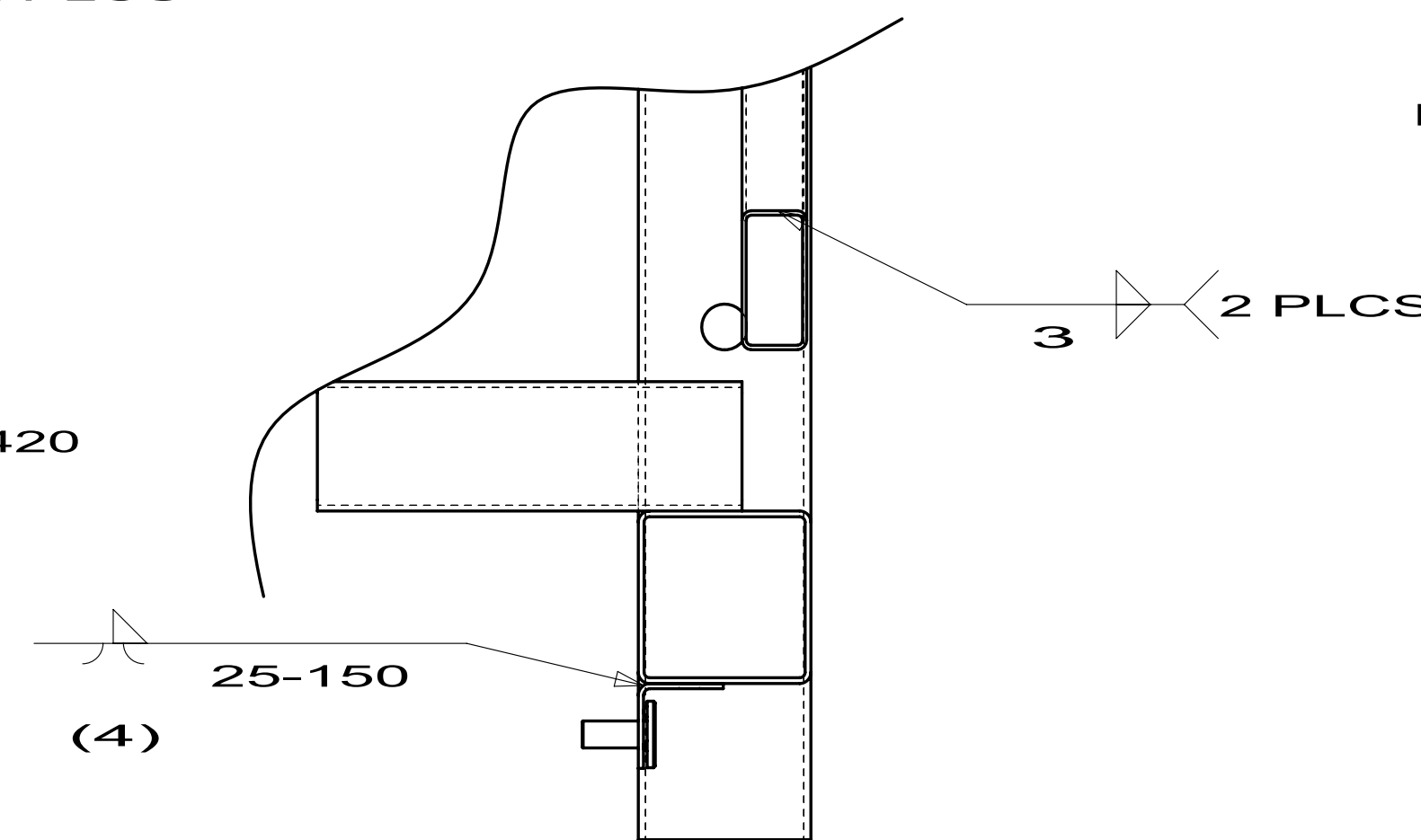
SECTION JC-JC



VIEW JF

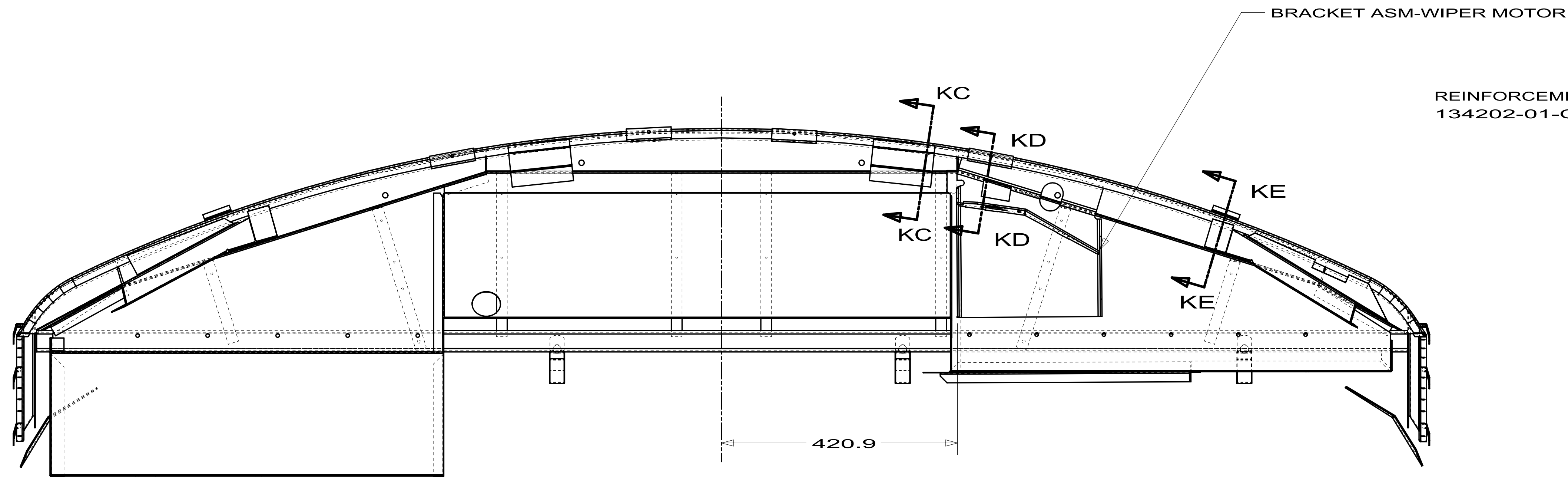


DETAIL JE

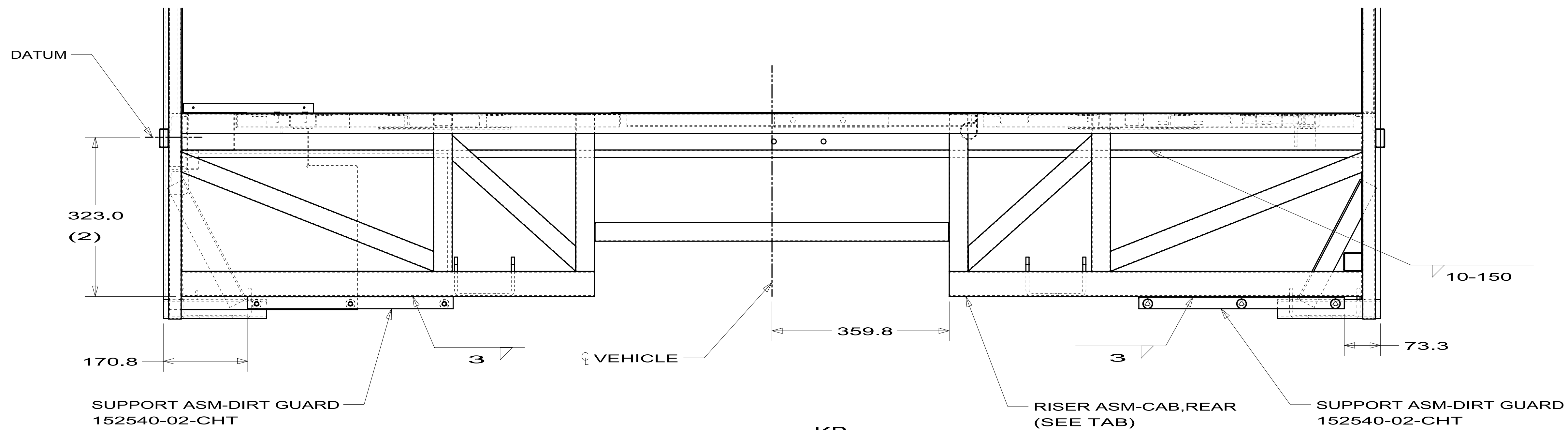
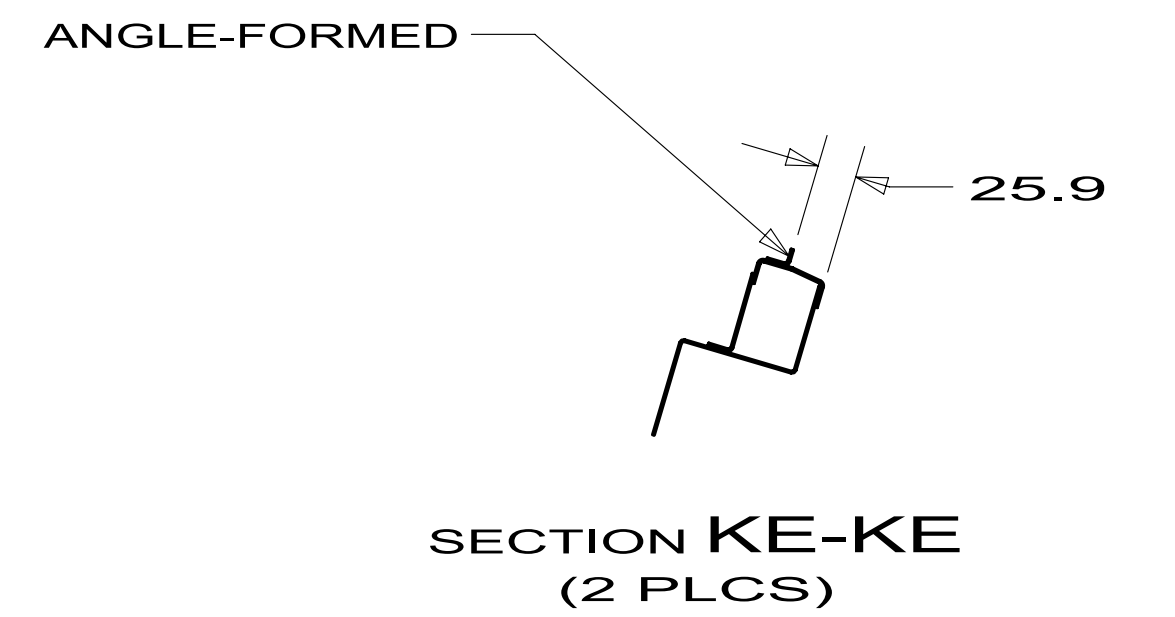
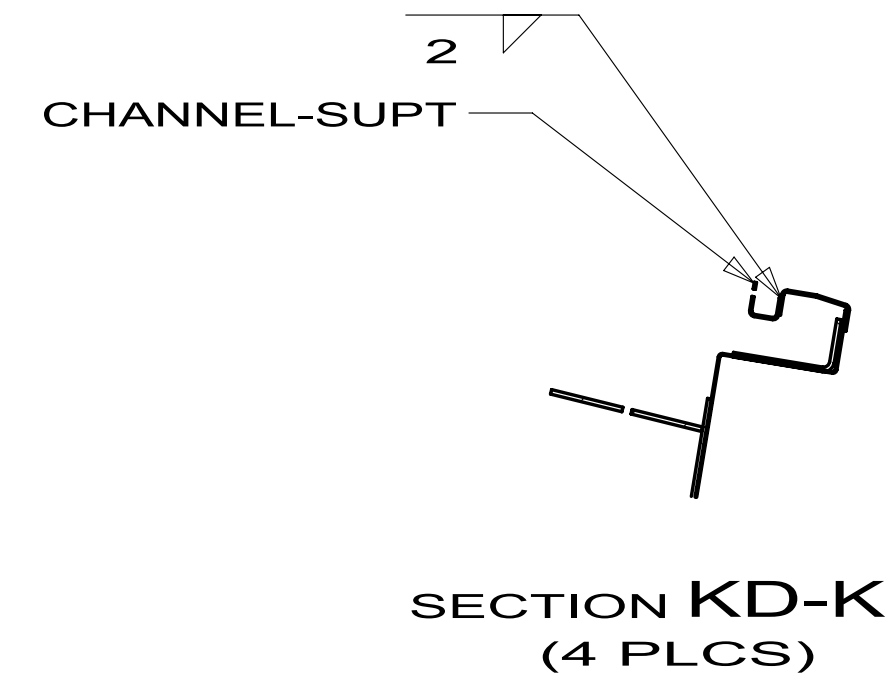
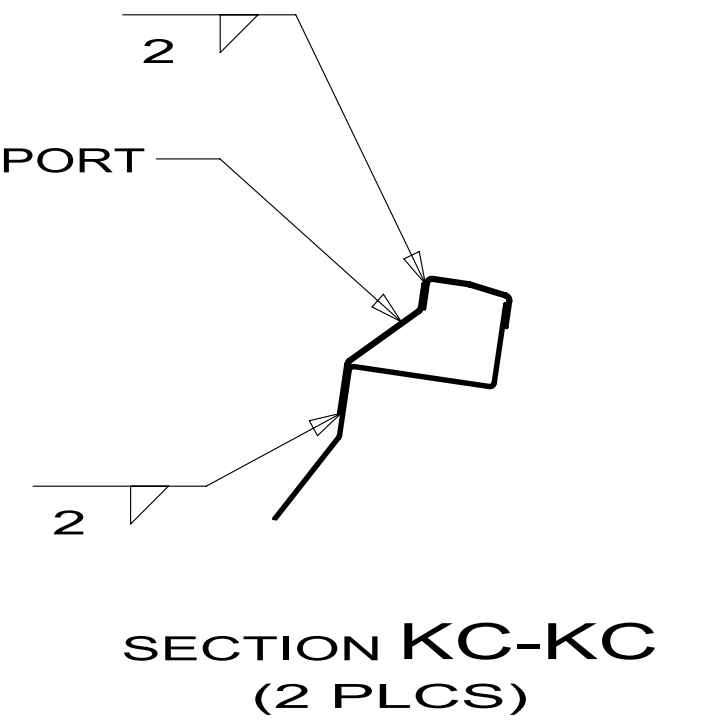


SECTION JD-JD

FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 9	PART NO 164505	REV

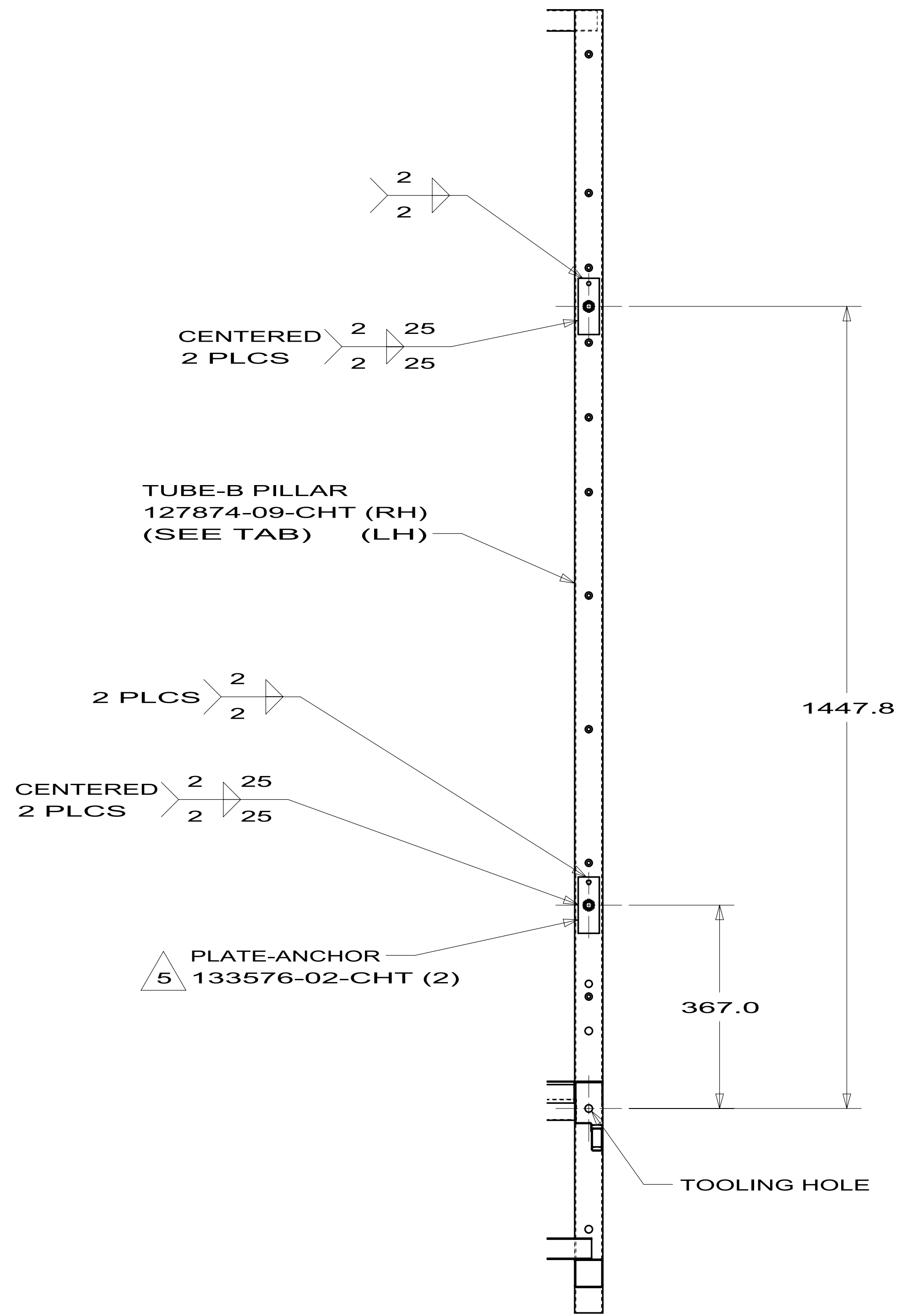


SECTION KA-KA



VIEW KB

FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 10	PART NO	REV
	164505	



SECTION LA-LA
SHOWN
SECTION LB-LB
OPPOSITE

FIRST USED		
09 J,K FORD		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 11	PART NO 164505	REV

8		7		
DWG NO	FRONT END ASM	DETAIL	VIEW	
164623-01	164624-01-CHT	DB	BA	NOT USED
164623-02	164624-02-CHT	DC	BA	NOT USED
164623-03	164624-03-CHT	DC	BA	W/O TV
164623-04	164624-04-CHT	DC	BA	W/O TV
164623-05	164624-01-CHT	DB	EA	NOT USED
164623-06	164624-02-CHT	DC	EA	NOT USED
164623-07	164624-03-CHT	DC	EA	W/O TV
164623-08	164624-04-CHT	DC	EA	NOT USED
164623-09	164624-05-CHT	DC	BA	W/TV
164623-10	164624-05-CHT	DC	EA	NOT USED
164623-11	164624-06-CHT	DC	BA	NOT USED
164623-12	164624-07-CHT	DC	BA	W/TV

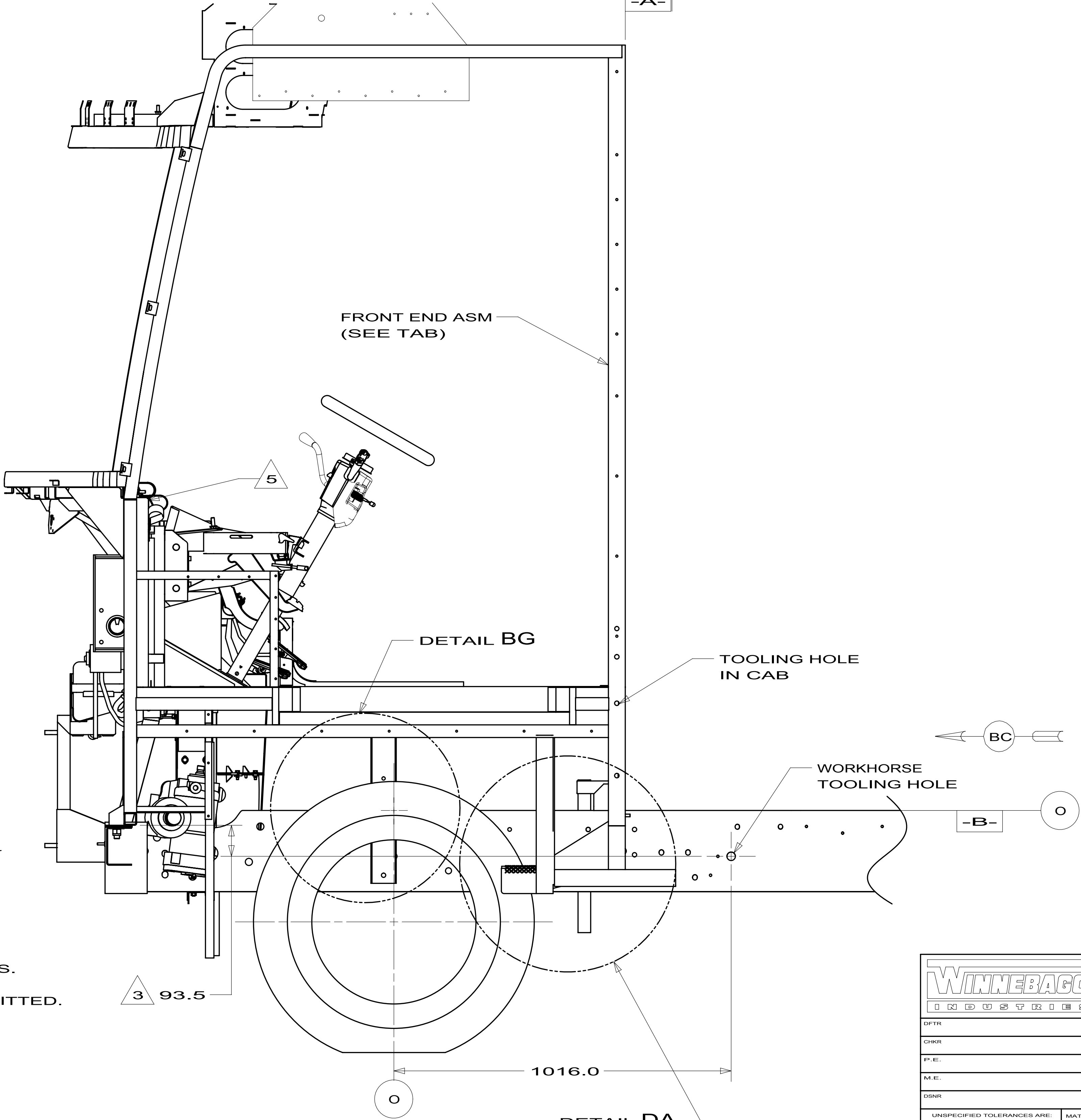
J32H,J35P,J37F

J35Z,J38N

J35Z

J37F

RELEASE		REV	DATE	1	
A		A		DWG NO 164623	
REV	ZONE	REVISION RECORD			DATE
					DFTR.Orig



BA
OR
EA
(SEE TAB)

BB

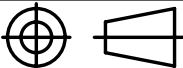
11. TORQUE TO: 191-209 Nm (143-157 FT LB).
10. ADD OR REMOVE SHIMS AS NEEDED TO LEVEL FRONT END ASM.
9. REMOVE FUSE BOX, RUBBER SEAL AND CHASSIS SUPPLIED PLATE. DISCARD CHASSIS SUPPLIED PLATE, INSTALL NEW PLATE USING CHASSIS SUPPLIED BOLTS, INSTALL RUBBER SEAL ONTO STUDS AND MOUNT BOX. FASTEN WITH NUTS.
8. WHEN REAR WELD IS INACCESSIBLE, WELDING BODY MOUNT UNDER TUBE IS PERMITTED.
7. UNBOLT AND WELD AS NEEDED AFTER PLATFORM ADJUSTMENT.
6. APPLY PUTTY SEALER, 111940-02, TO ANY SEAMS OR HOLES THAT NEED A FLEXIBLE DUST AND AIR SEAL.
5. FOR BRAKE INSTL-EMERGENCY SEE DWG NO 108080-01-000.
4. REMOVE RESERVOIR BRACKET (4 SCREWS) AND WELD TO WINNEBAGO BRACKET.
3. ADJUST HEIGHT OF SUPPORT TO LOCATE CAB PROPERLY.

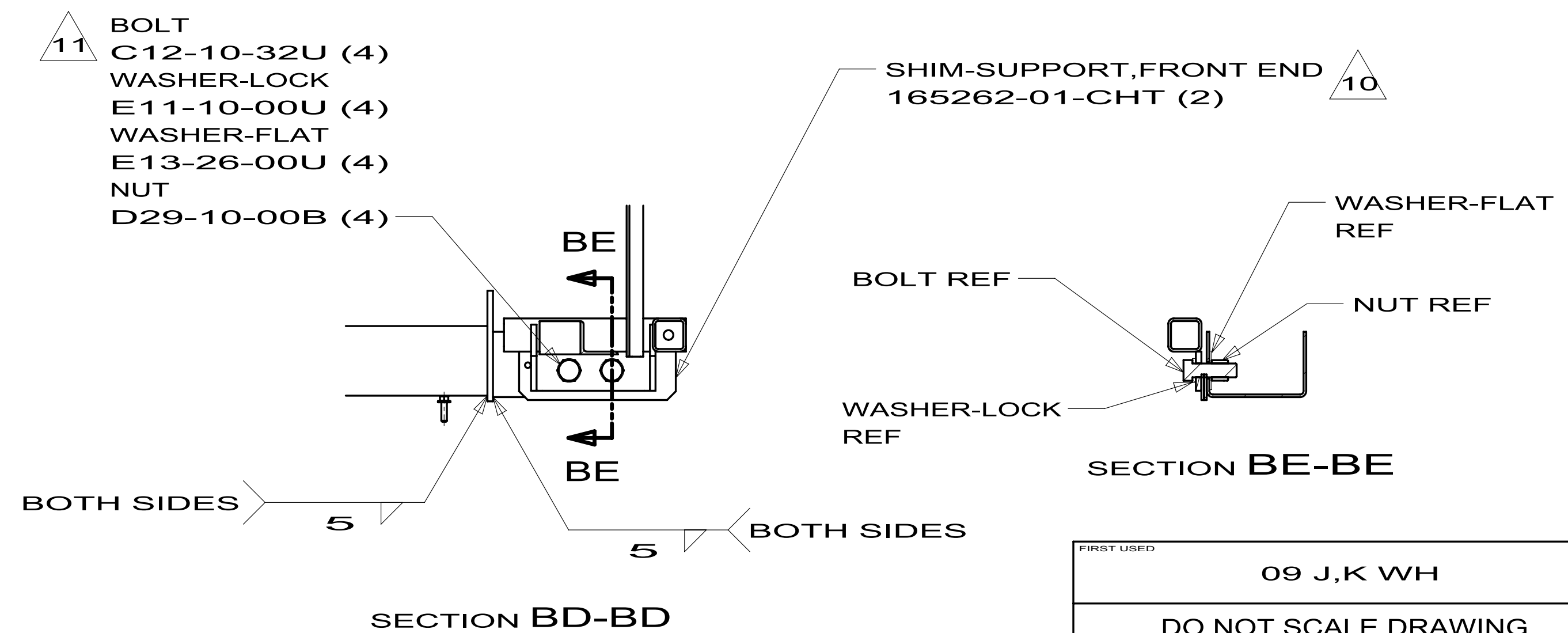
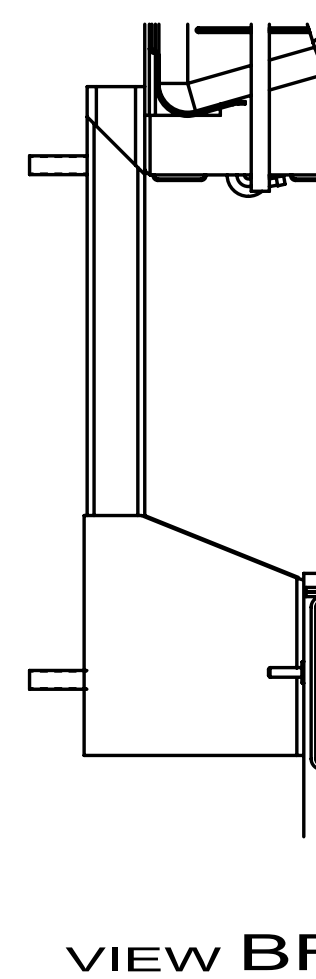
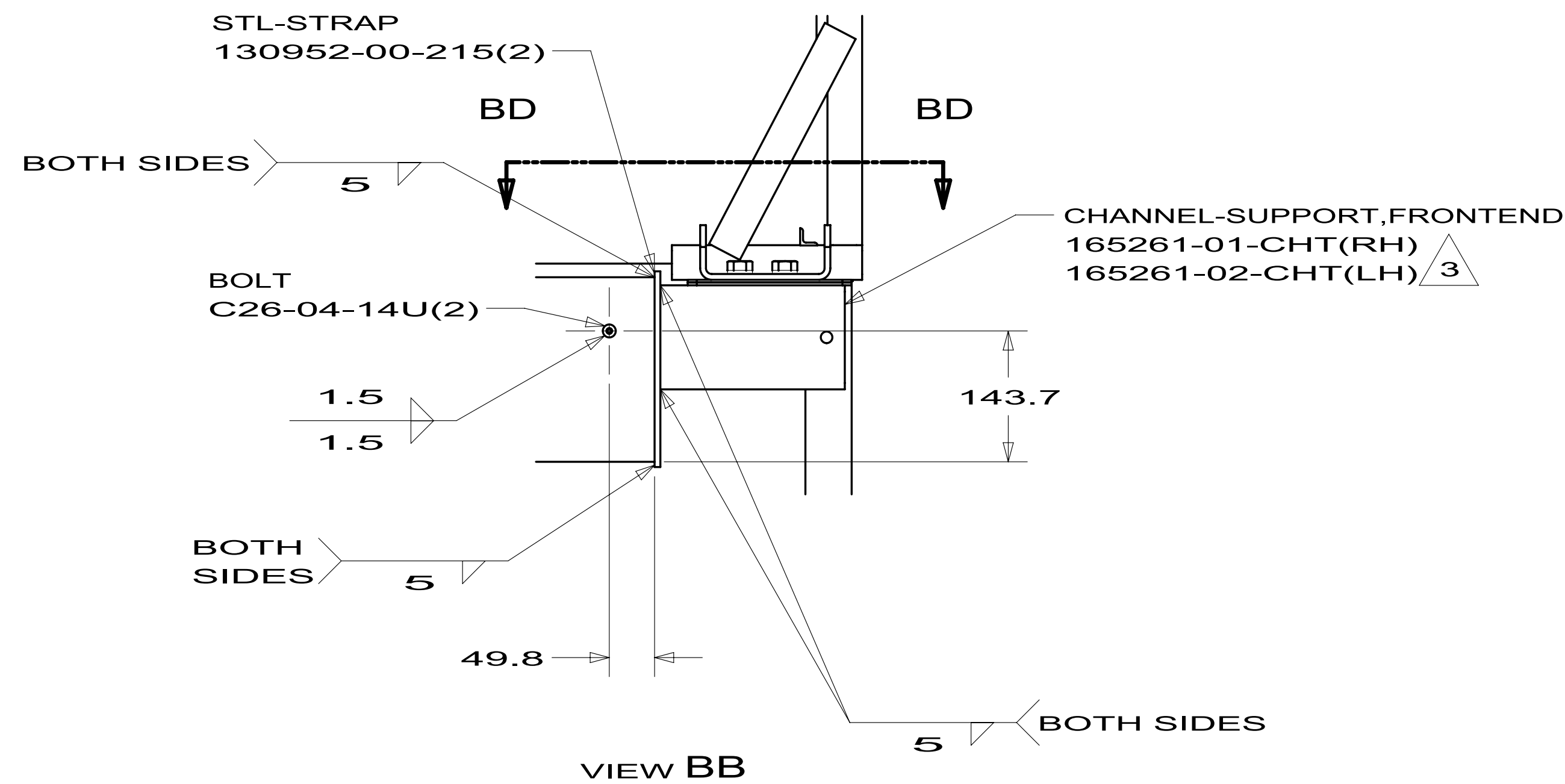
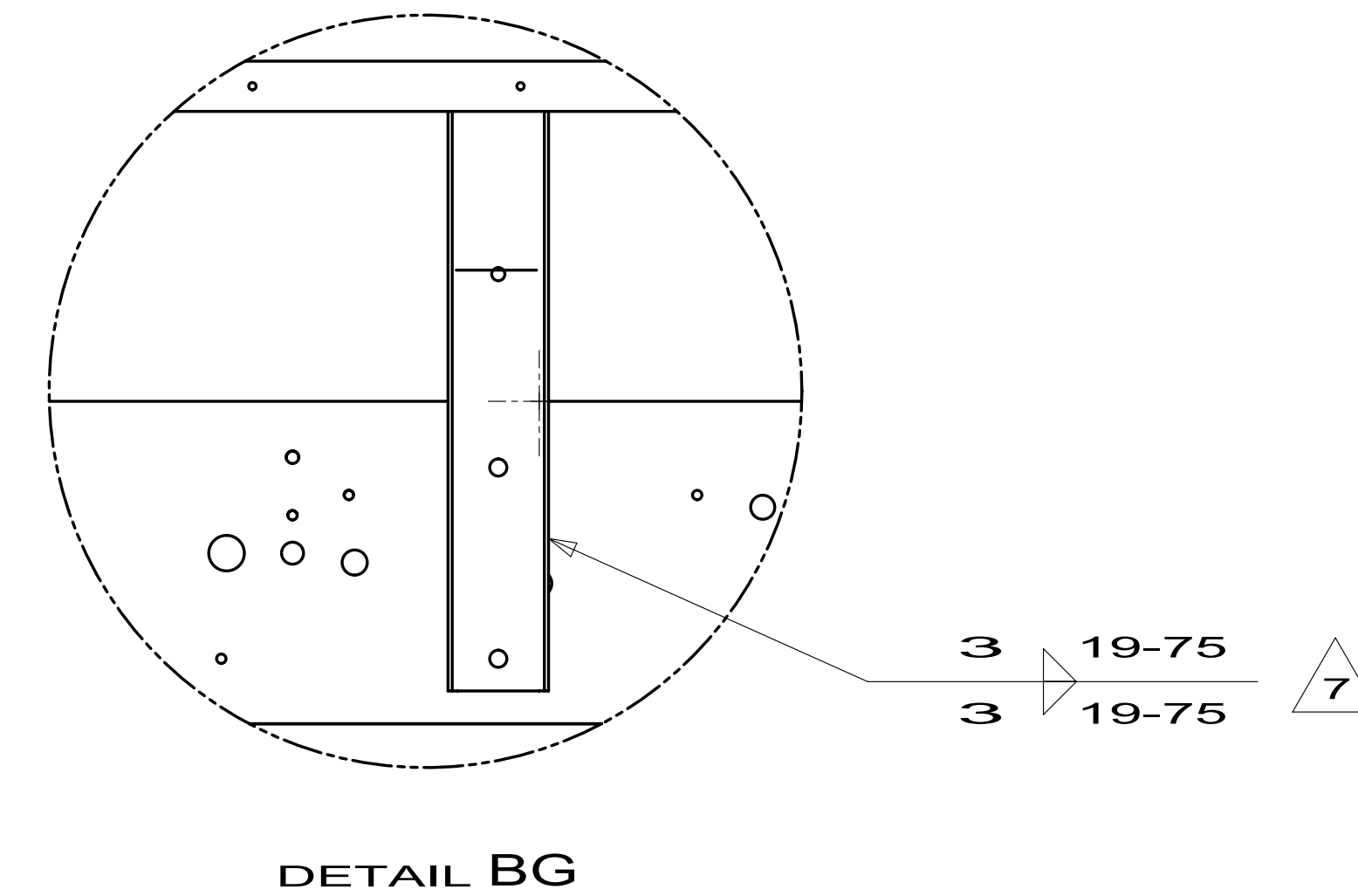
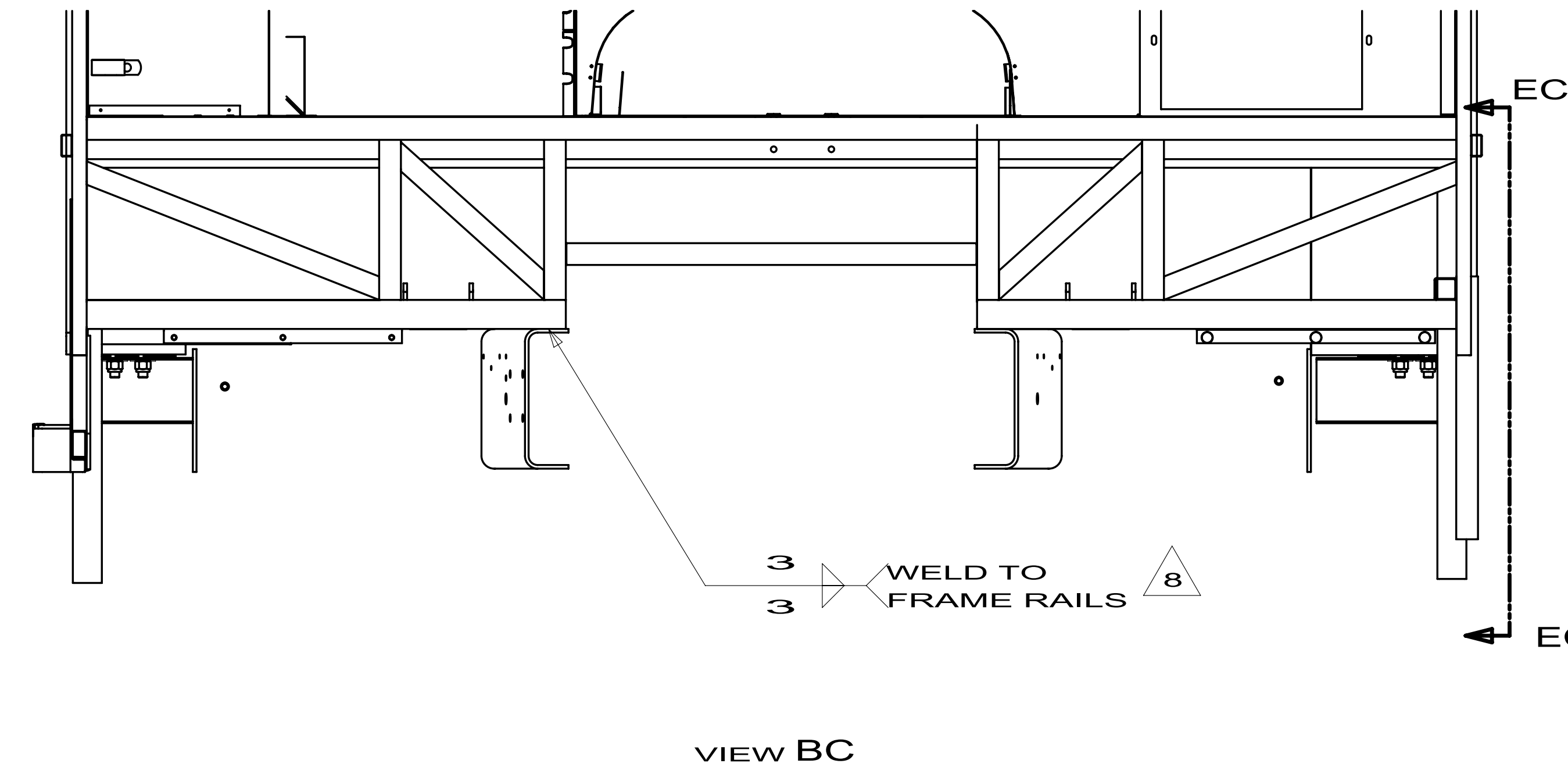
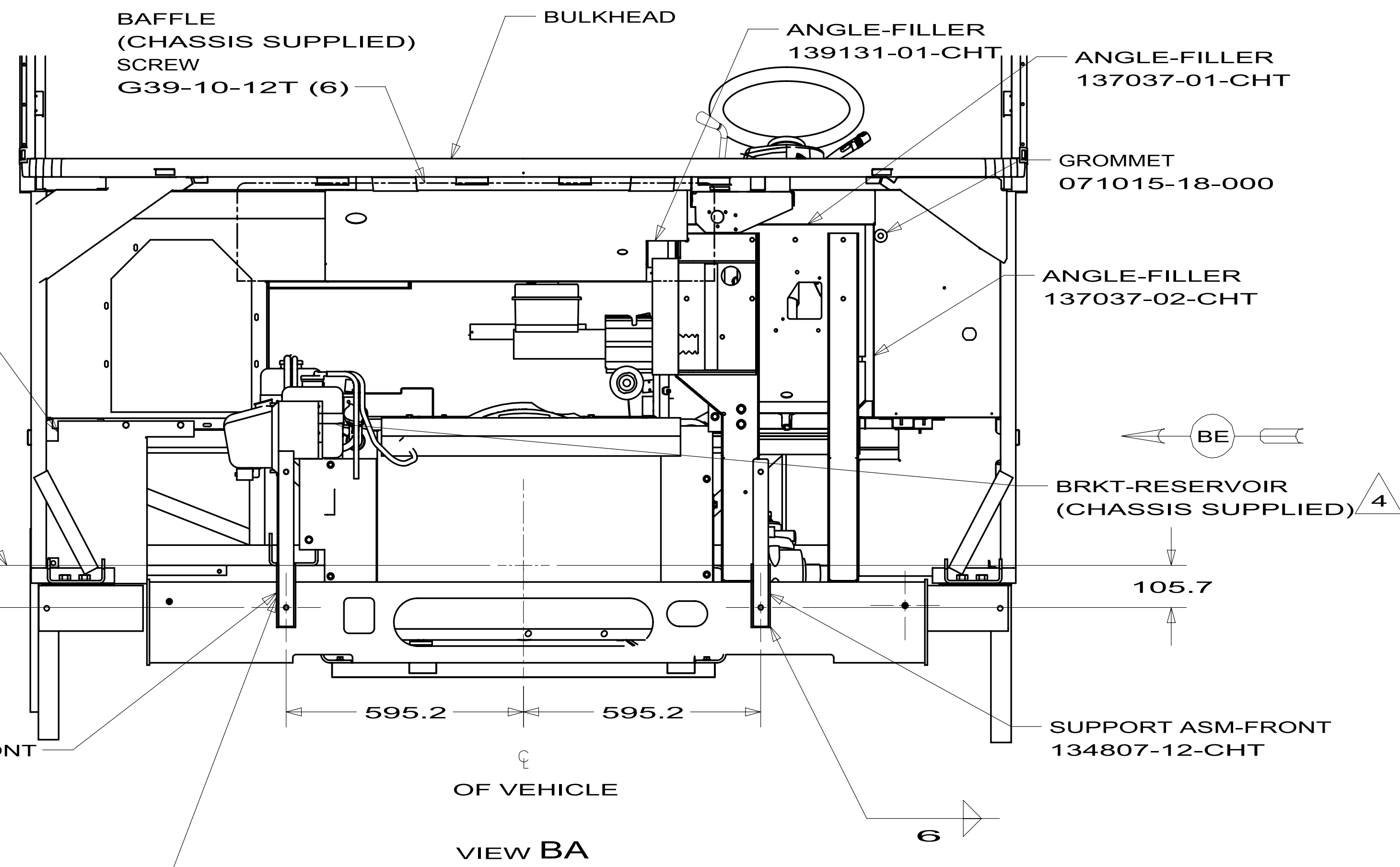
2. SEAL ALL JOINTS BETWEEN PANELS AND CAB.

1. REMOVE ALL BURRS AND SHARP EDGES.

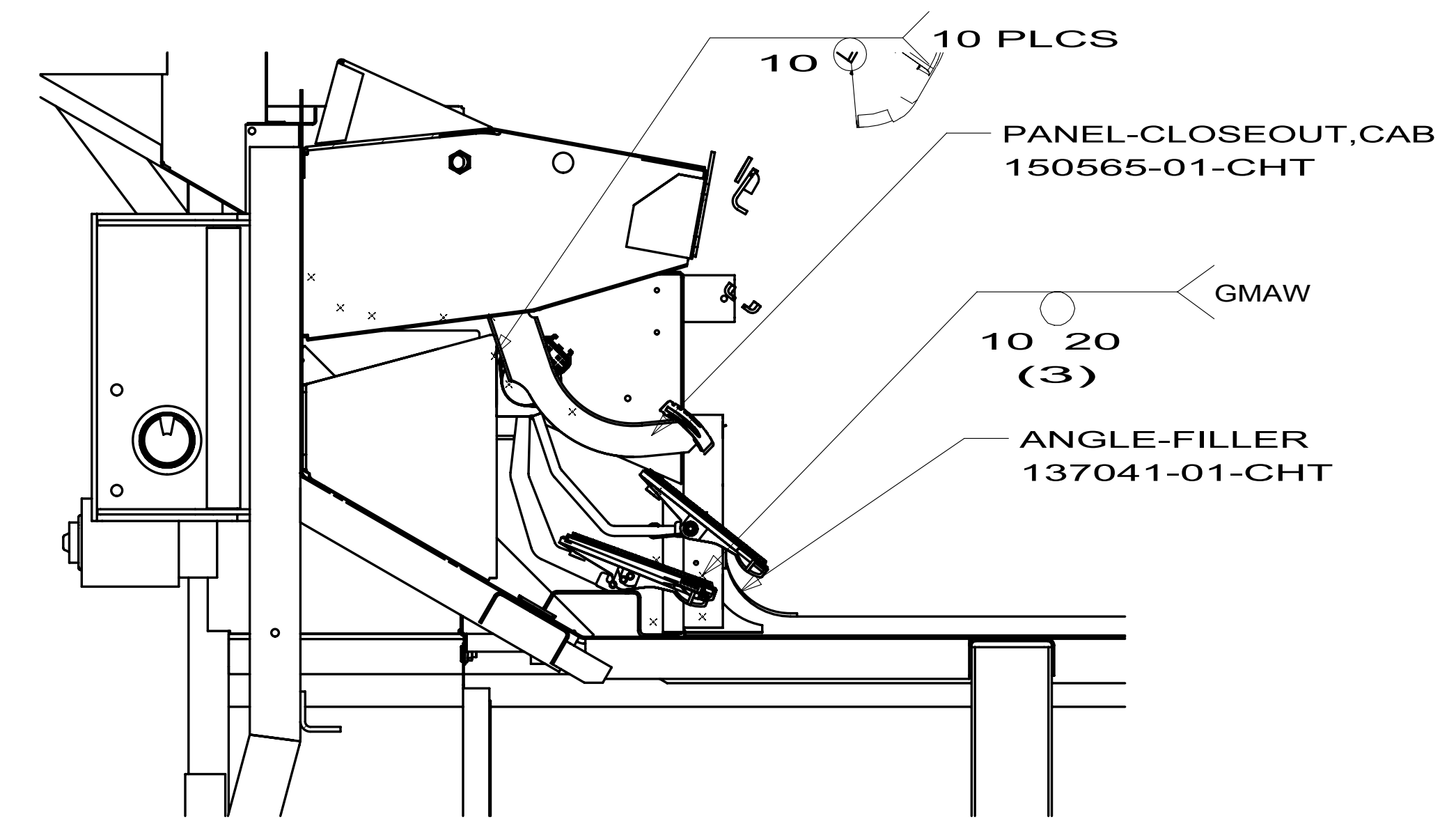
NOTES:

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

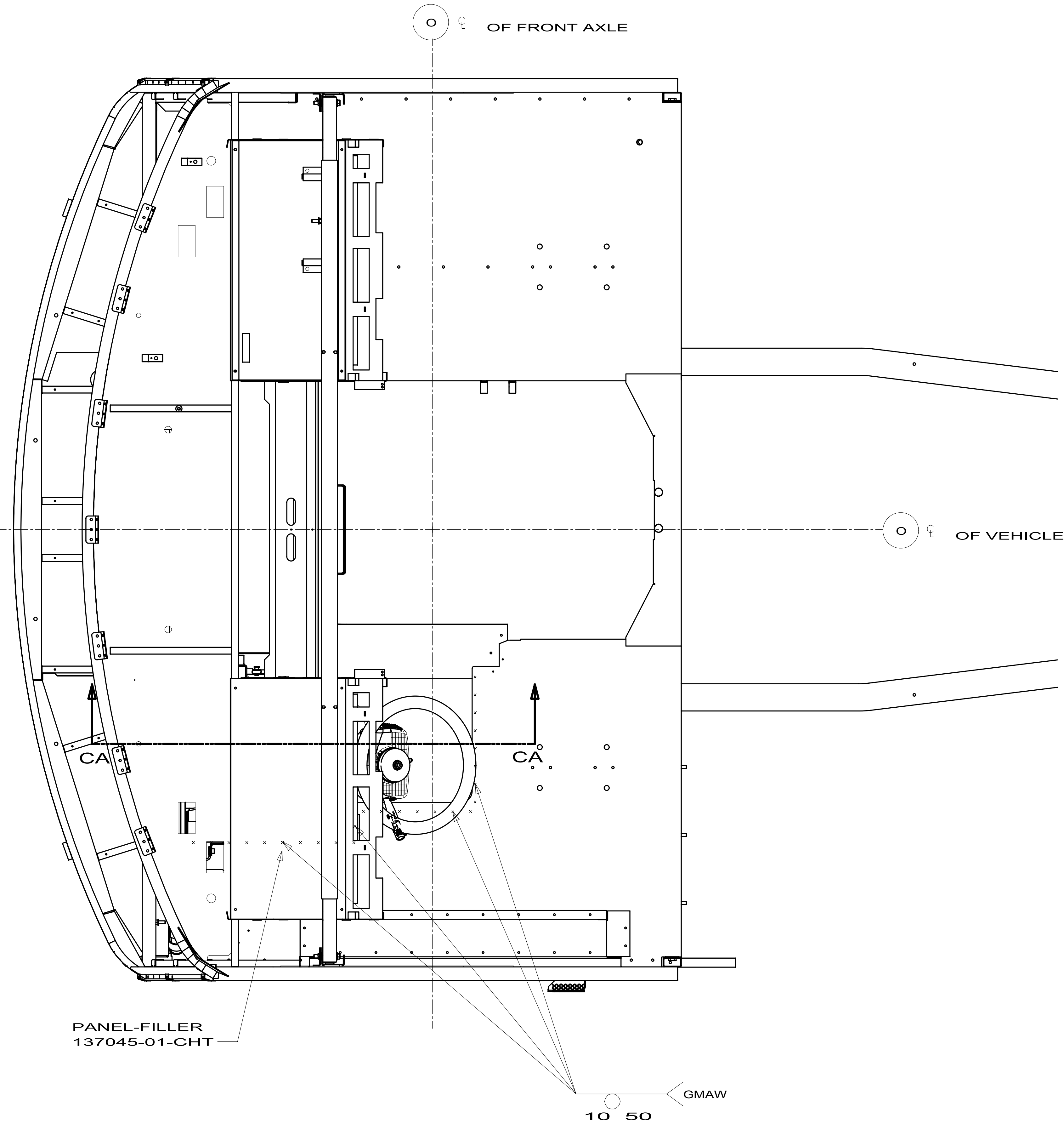
WINNEBAGO INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.			
DFTR		ORIG. DATE			
CHGR		ALL DIMENSIONS ARE IN MILLIMETERS			
P.E.					
M.E.		FIRST USED			
DSNR		09 J,K WH			
UNSPECIFIED TOLERANCES ARE:		MATERIAL:			
WHOLE DIM (X) ± 3					
ONE-PLACE (X.X) ± 1.5					
TWO-PLACE (X.XX) ± 0.50					
ANGLE ± 1°					
THIRD ANGLE PROJECTION					
DO NOT SCALE DRAWING					
TITLE:					
FRONT END/CHASSIS ASM					
SHEET1 OF 5		PART NO	REV		
		164623			
REF:		1			



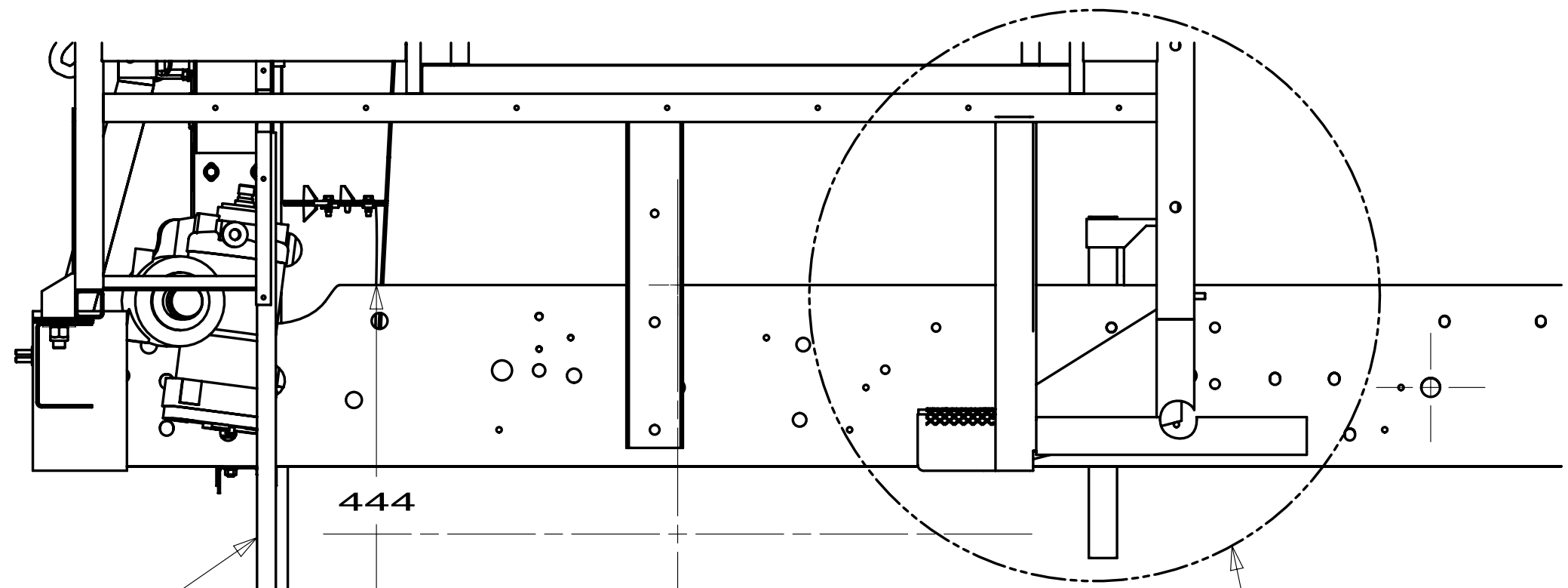
FIRST USED		09 J,K WH	
DO NOT SCALE DRAWING			
TITLE: FRONT END/CHASSIS ASM			
SHEE2	PART NO	164623	REV



SECTION CA-CA



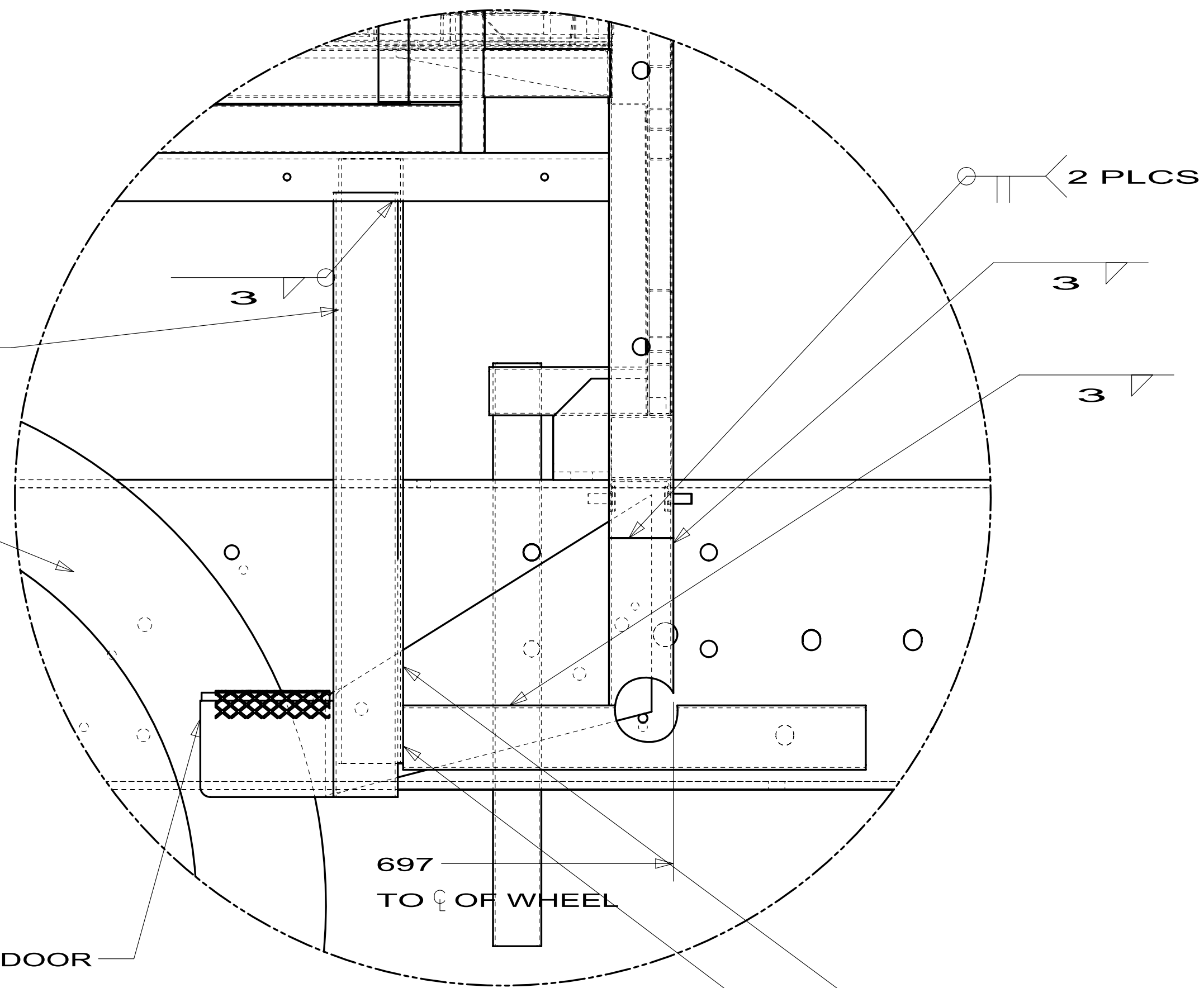
FIRST USED		09 J,K WH	
DO NOT SCALE DRAWING			
TITLE: FRONT END/CHASSIS ASM			
SHEET 3	PART NO	164623	REV



STL-TUBE
130883-00-650

DETAIL DB OR DC
(SEE TAB)

DETAIL DA



STL-TUBE
130888-00-477

TIRE-19.5"
REF

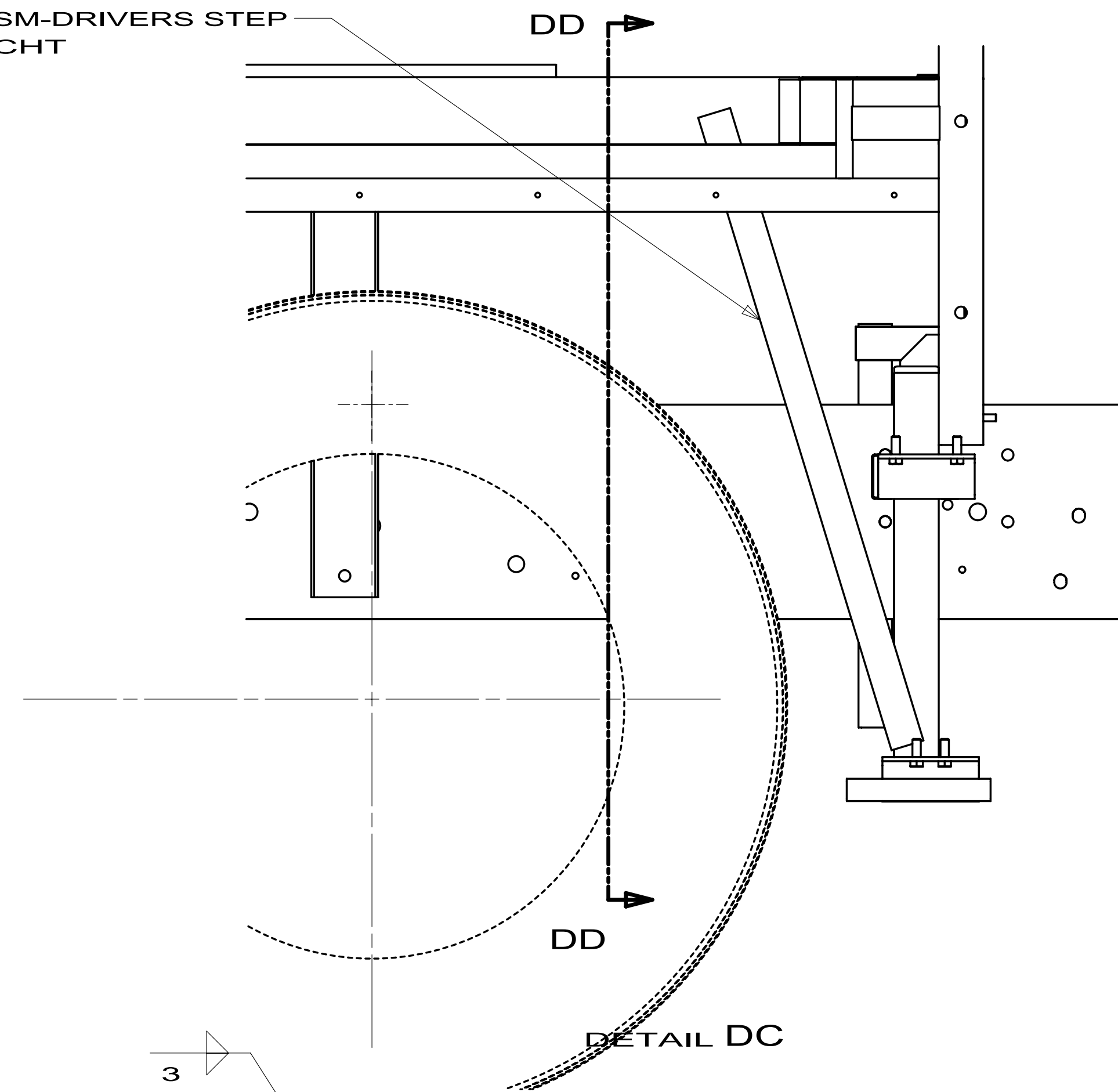
STEP COMPL-DRIVER DOOR
152131-01-CHT

697
TO C OF WHEEL

DETAIL DB

2 PLCS

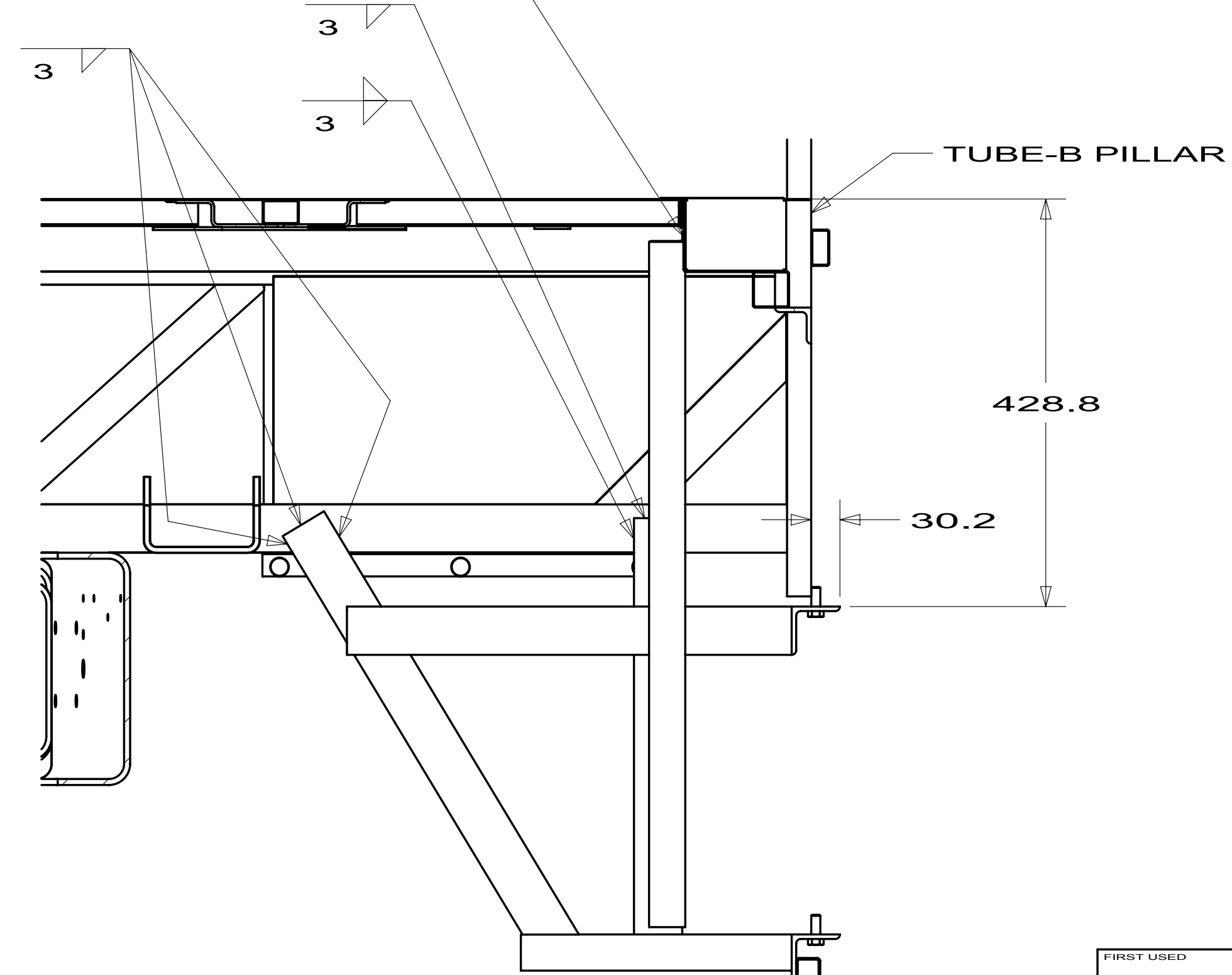
SUPPORT ASM-DRIVERS STEP
138340-04-CHT



DD

DD

DETAIL DC



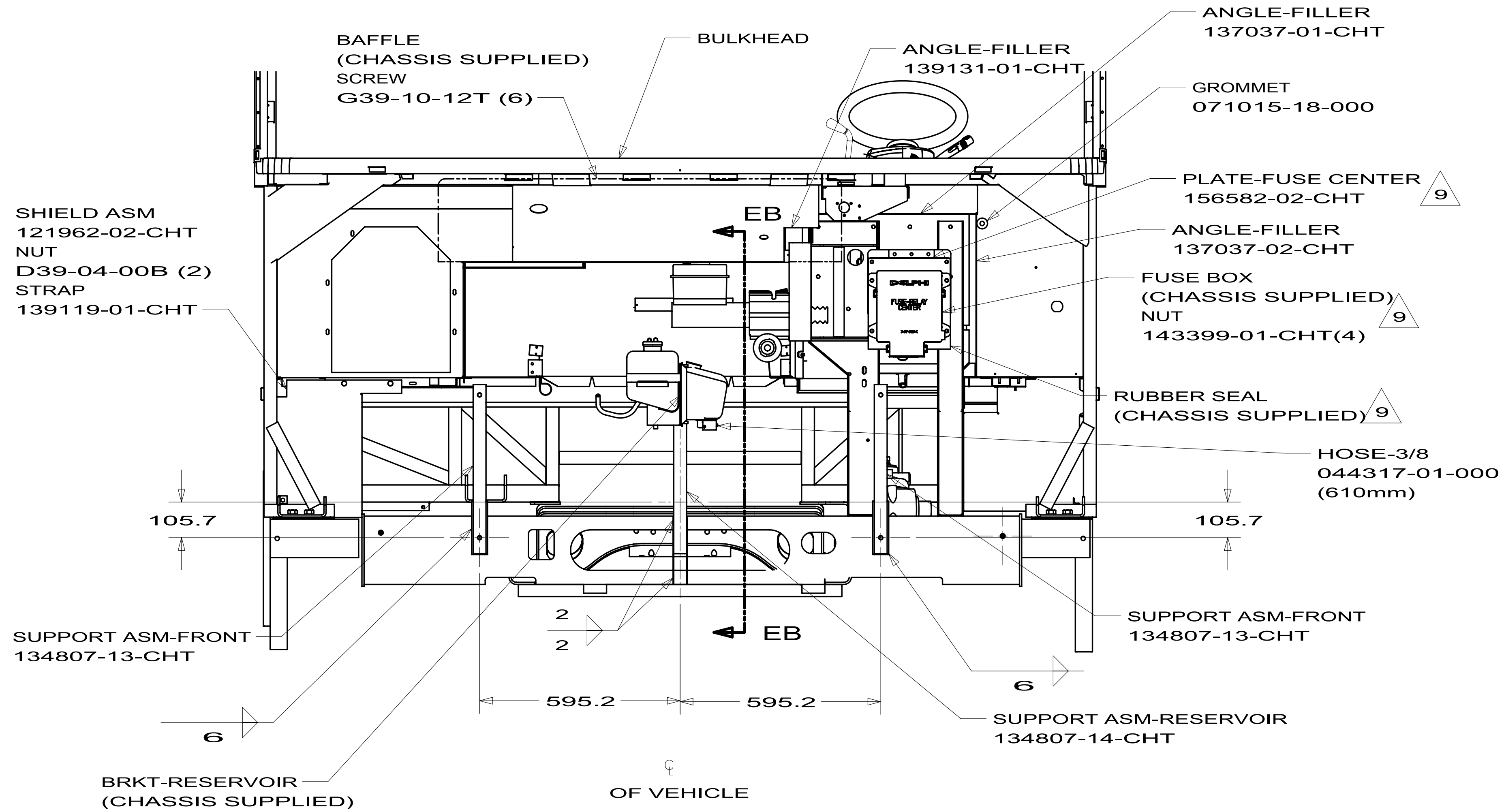
TUBE-B PILLAR

428.8

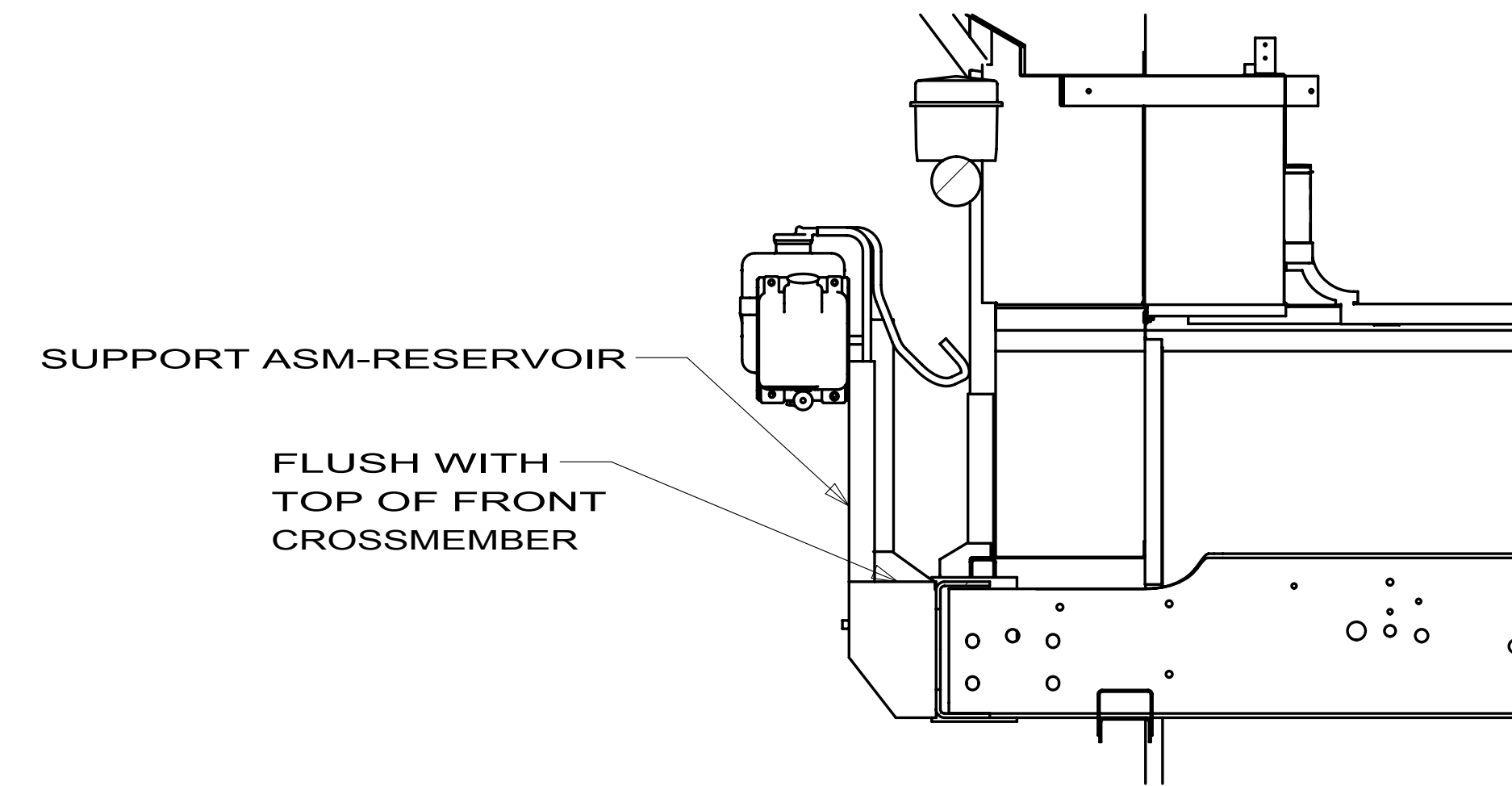
30.2

SECTION DD-DD

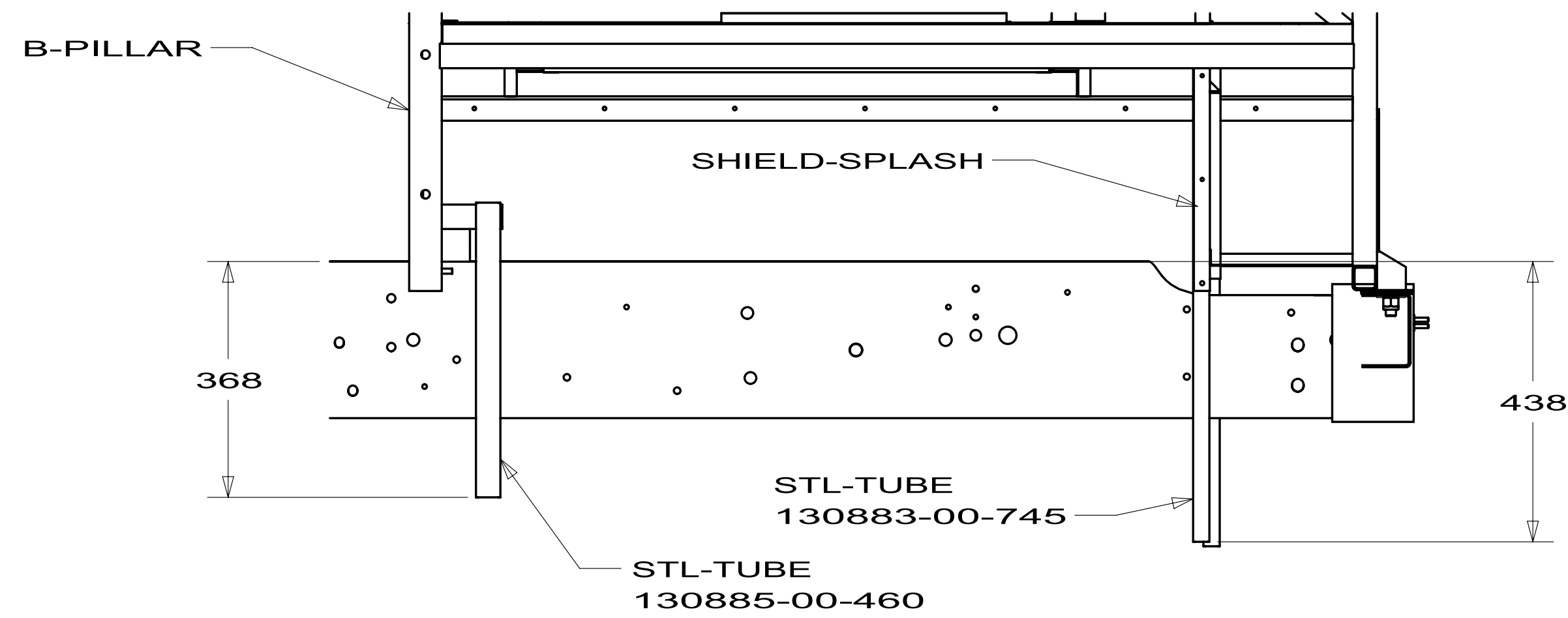
FIRST USED		09 J,K WH	
DO NOT SCALE DRAWING			
TITLE: FRONT END/CHASSIS ASM			
SHEET4	PART NO	164623	REV



VIEW EA



SECTION EB-EB



SECTION EC-EC

FIRST USED		09 J,K WH	
DO NOT SCALE DRAWING			
TITLE: FRONT END/CHASSIS ASM			
SHEET 5	PART NO	164623	REV

8		7		6		5	
DWG NO	LH B PILLAR	RISER ASM-CAB	SUPPORT ASM-TV	TUBE-TOP,LH	PLATE ASM-LH	A	B
164624-01	127874-09-CHT	145125-10-CHT	151975-03-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164624-02	127874-10-CHT	145125-07-CHT	151975-03-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164624-03	127874-10-CHT	145125-07-CHT	151975-02-CHT	117344-10-CHT	150653-07-CHT	34.0	40.0
164624-04	127874-10-CHT	145125-07-CHT	151975-02-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0
164624-05	127874-10-CHT	145125-07-CHT	151975-04-CHT	117344-05-CHT	150653-04-CHT	0.0	10.0

RELEASE		REV	DATE	DWG NO		164624	
REV	ZONE	REVISION RECORD			DATE	DFT-ORIG	

NOT USED

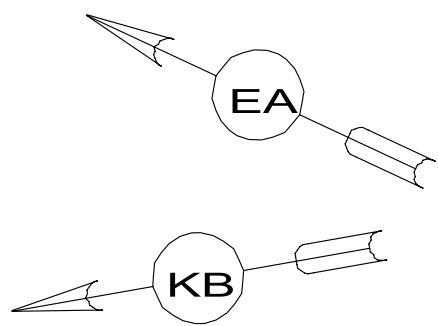
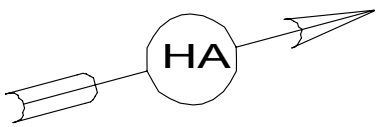
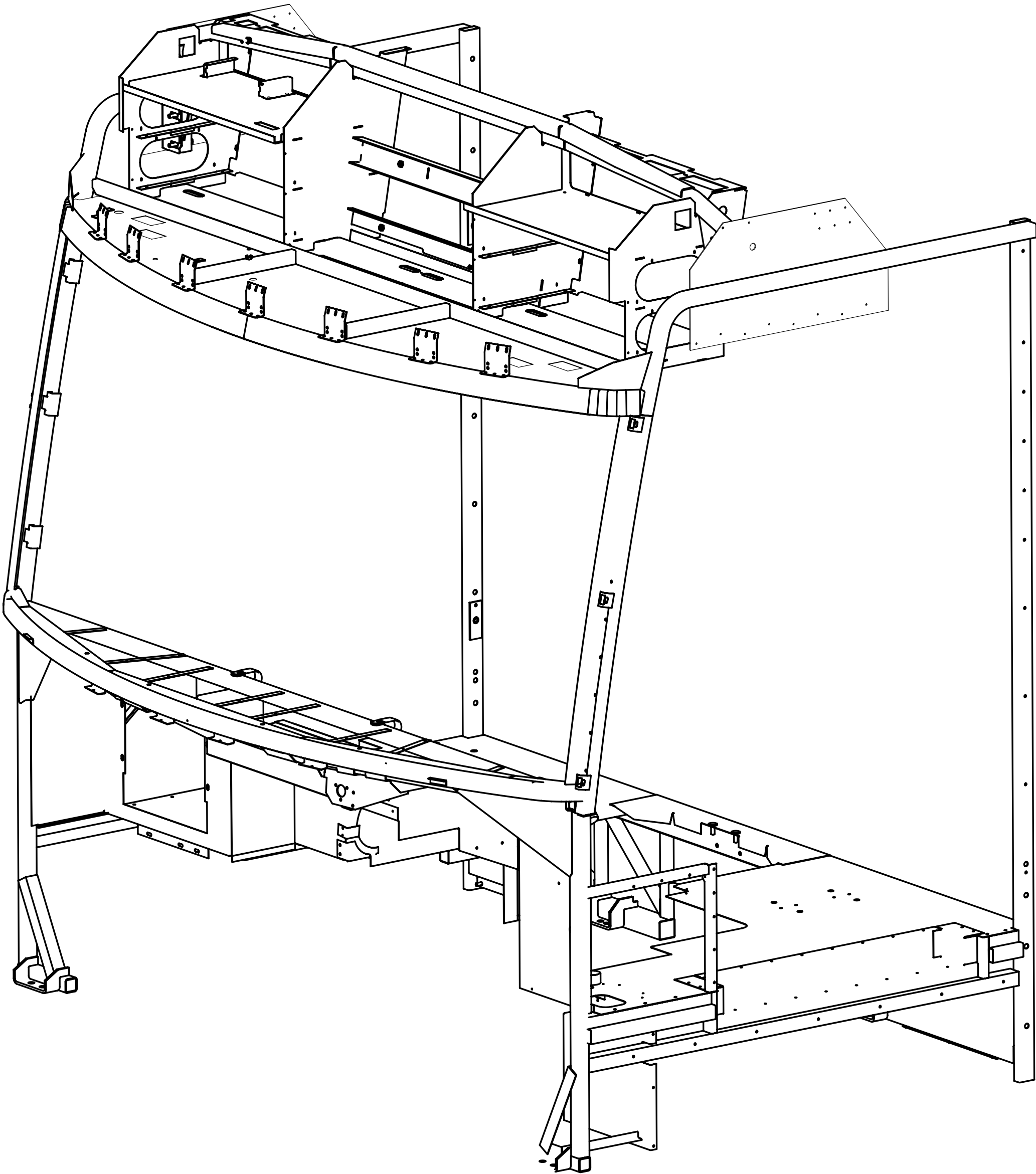
J35Z

J32H, J37F, K32H, K35P

J38N

J35Z 42K

BA



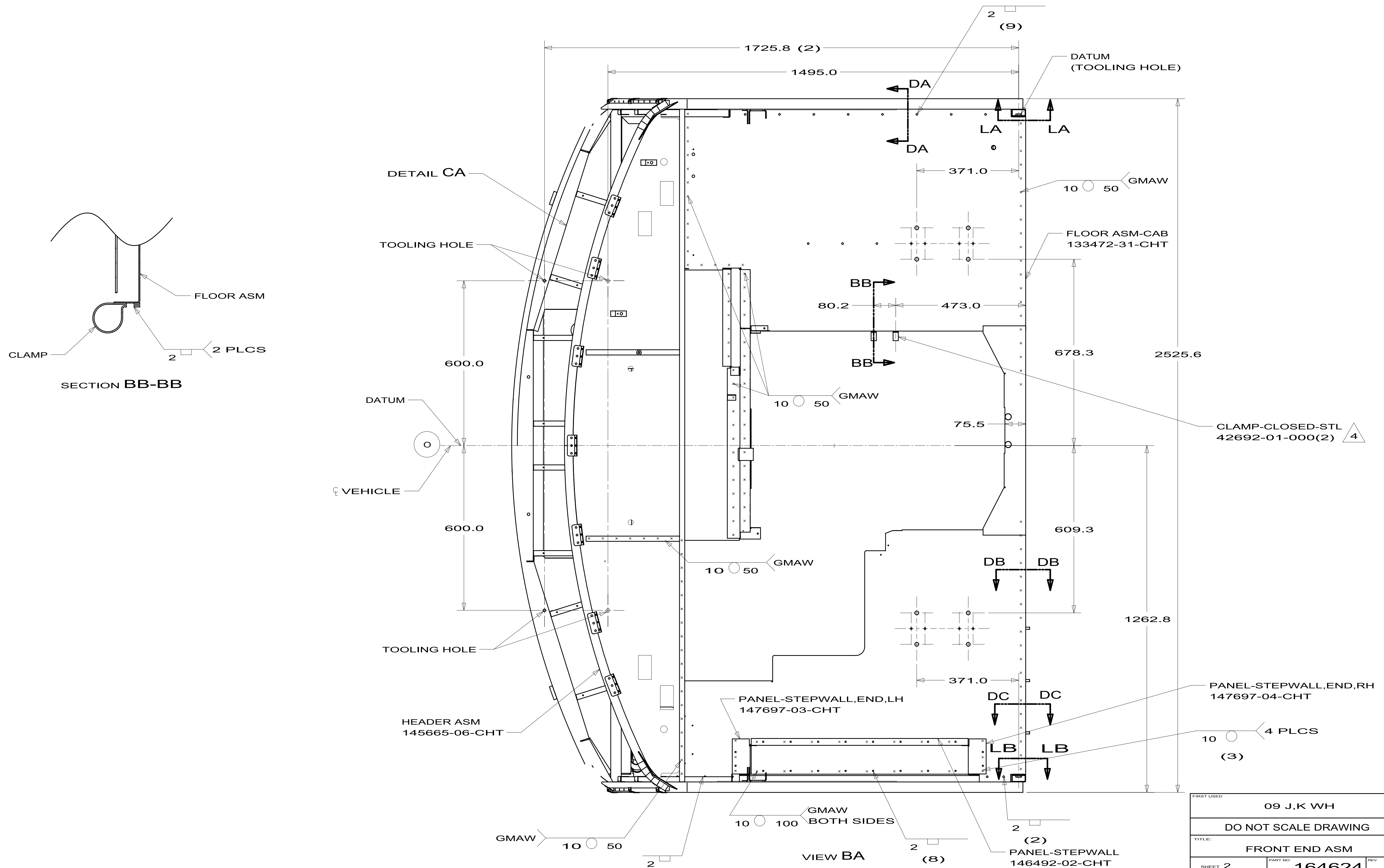
7. TORQUE BOLT TO 34 FT-LBS.
- 6 SEAL WITH SEALANT II0744-C3-000 AFTER E-COAT.
5. ALIGN HOLES.
4. HOLES MUST ALIGN TO ALLOW FREE PASSAGE OF A #10 SCREW.
3. MUST BE FLUSH WITHIN ± 1.5 .
2. ATTACH AFTER E-COAT.

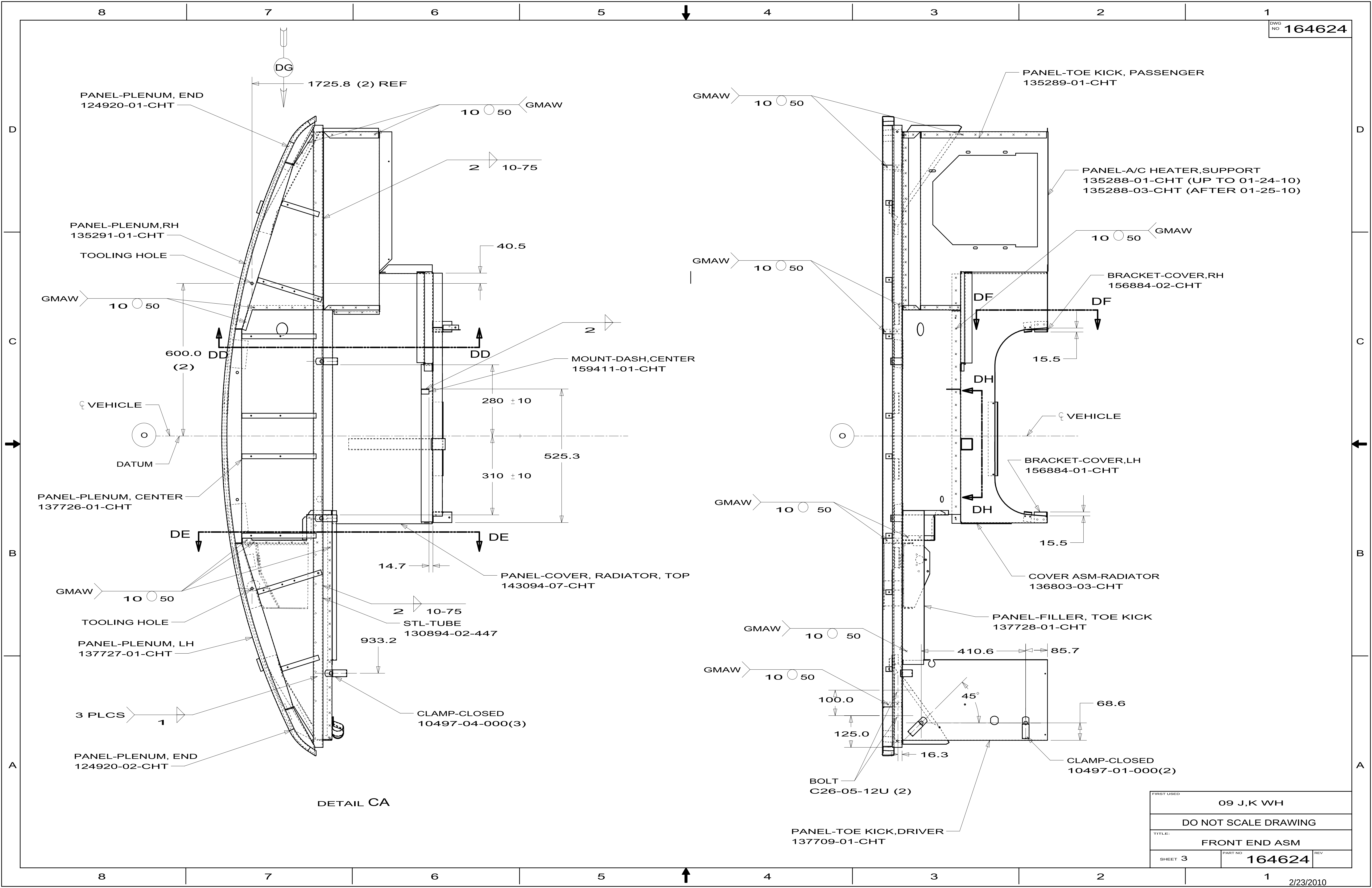
1. CLEAN, E-COAT AND SEAL CAB WITH 143201-01-000.

NOTES:

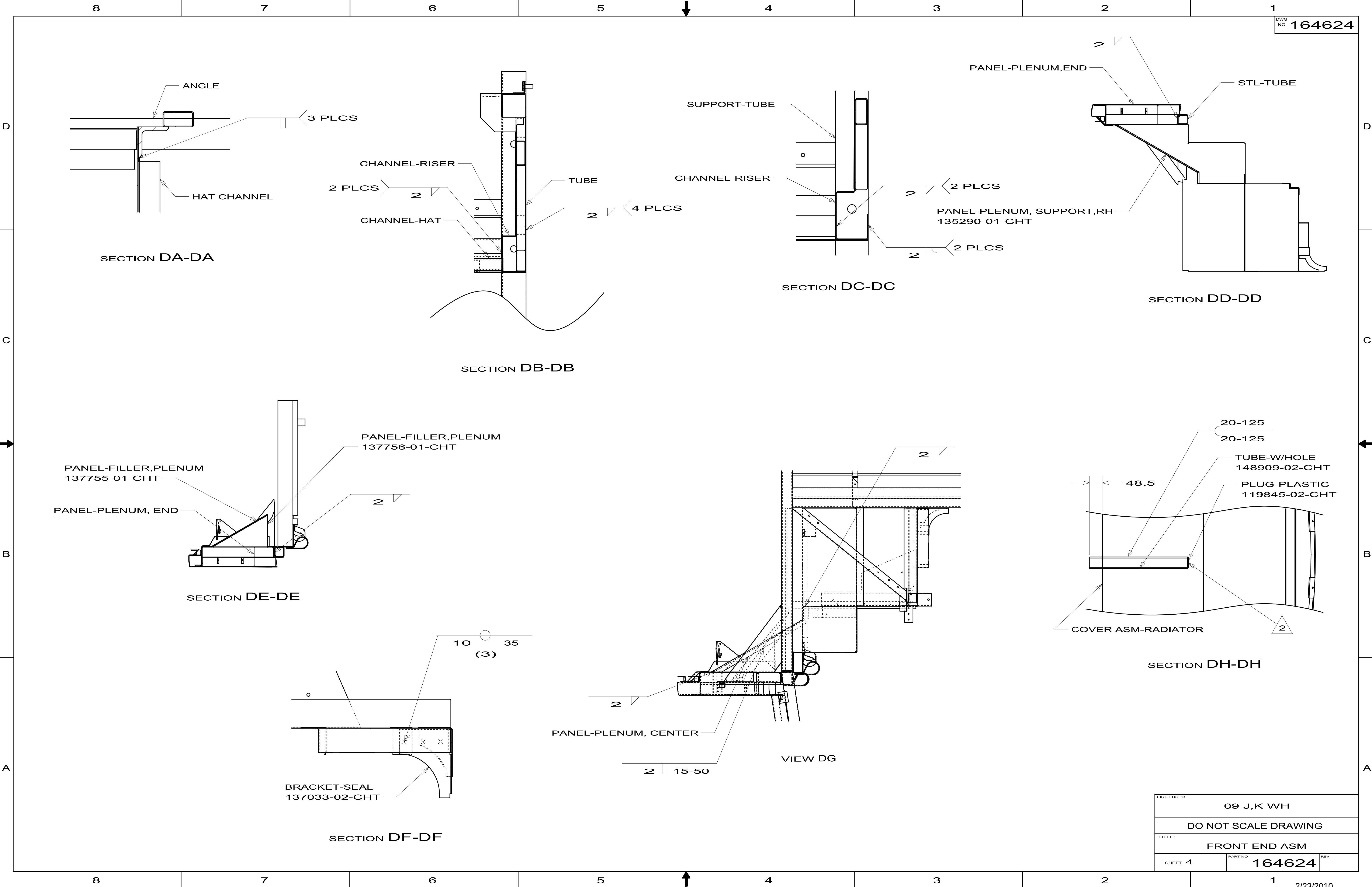
SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG		ORIG. DATE	
CHKD		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.		FIRST USED	
M.E.		09 J,K WH	
DSNR		MATERIAL:	
UNSPECIFIED TOLERANCES ARE:		THIRD ANGLE PROJECTION	
WHOLE DIM (X) : 3		DO NOT SCALE DRAWING	
ONE-PLACE (X.X) : 1.5		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TWO-PLACE (X.XX) : 0.50		TITLE:	
ANGLE : 1°		FRONT END ASM	
SHEET 1 OF 11		PART NO 164624	
REF:		REV	
1		2/23/2010	

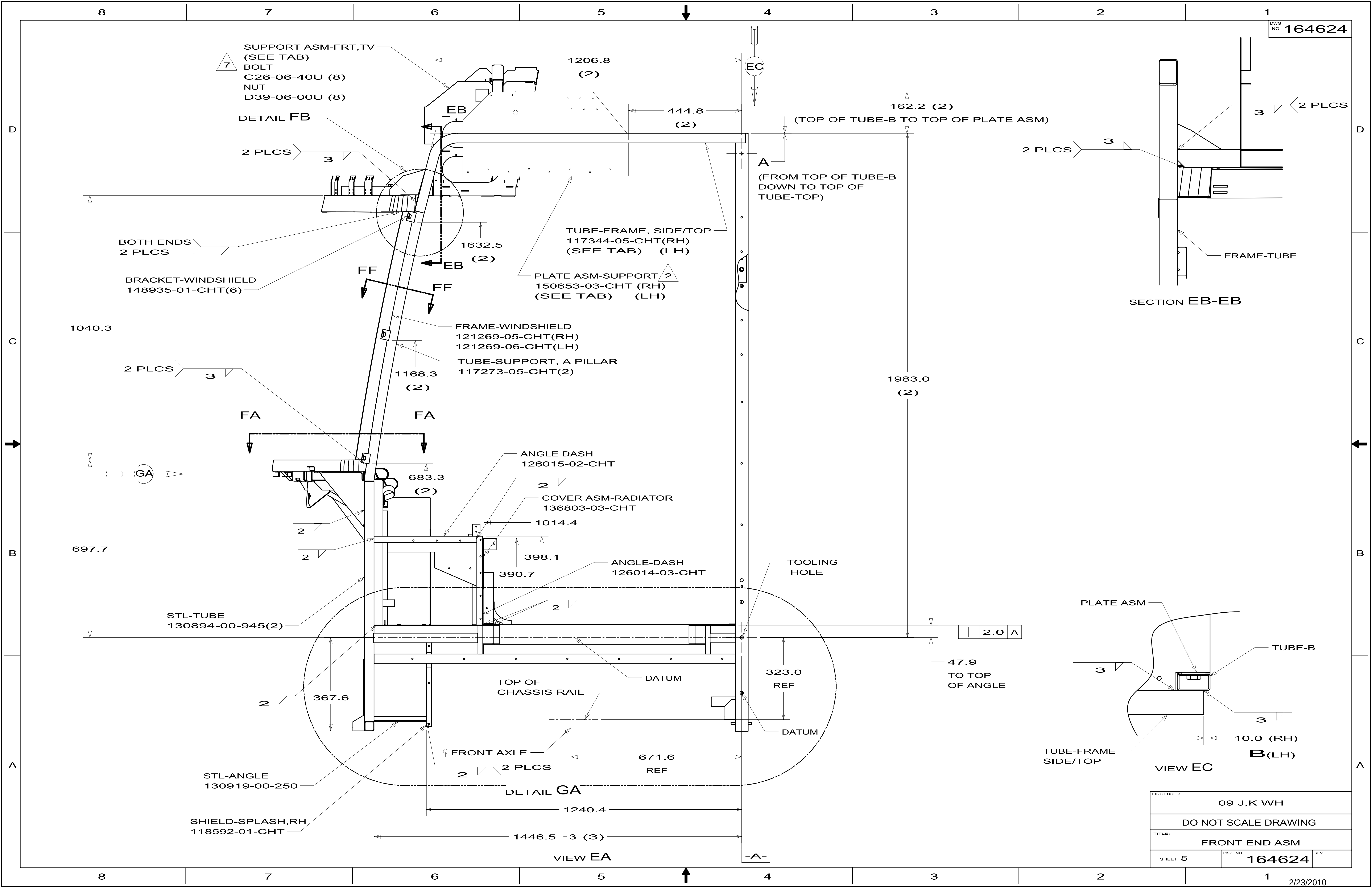




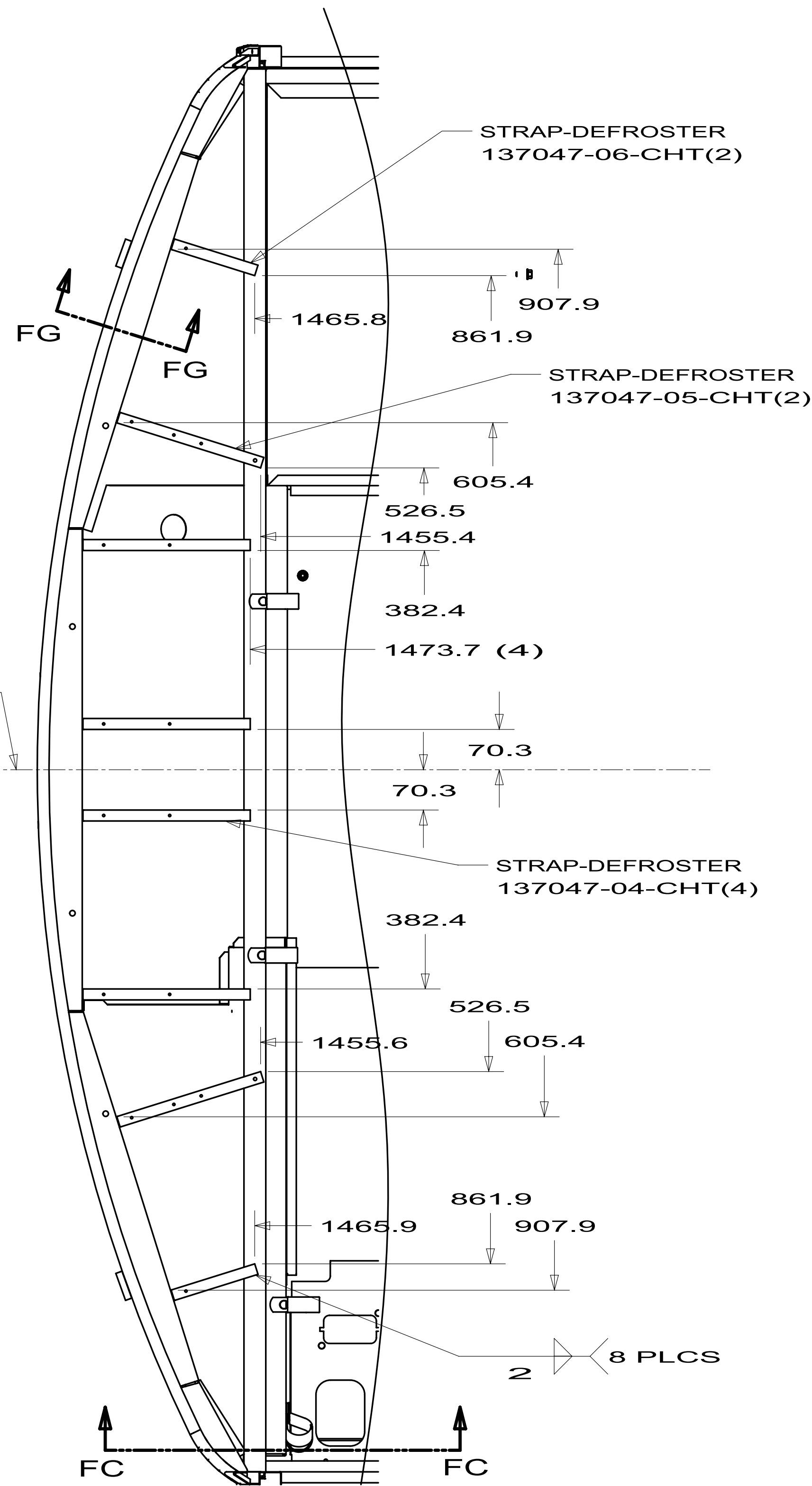
FIRST USED				09 J,K WH			
DO NOT SCALE DRAWING							
TITLE:							
FRONT END ASM							
SHEET 3				PART NO 164624		REV	



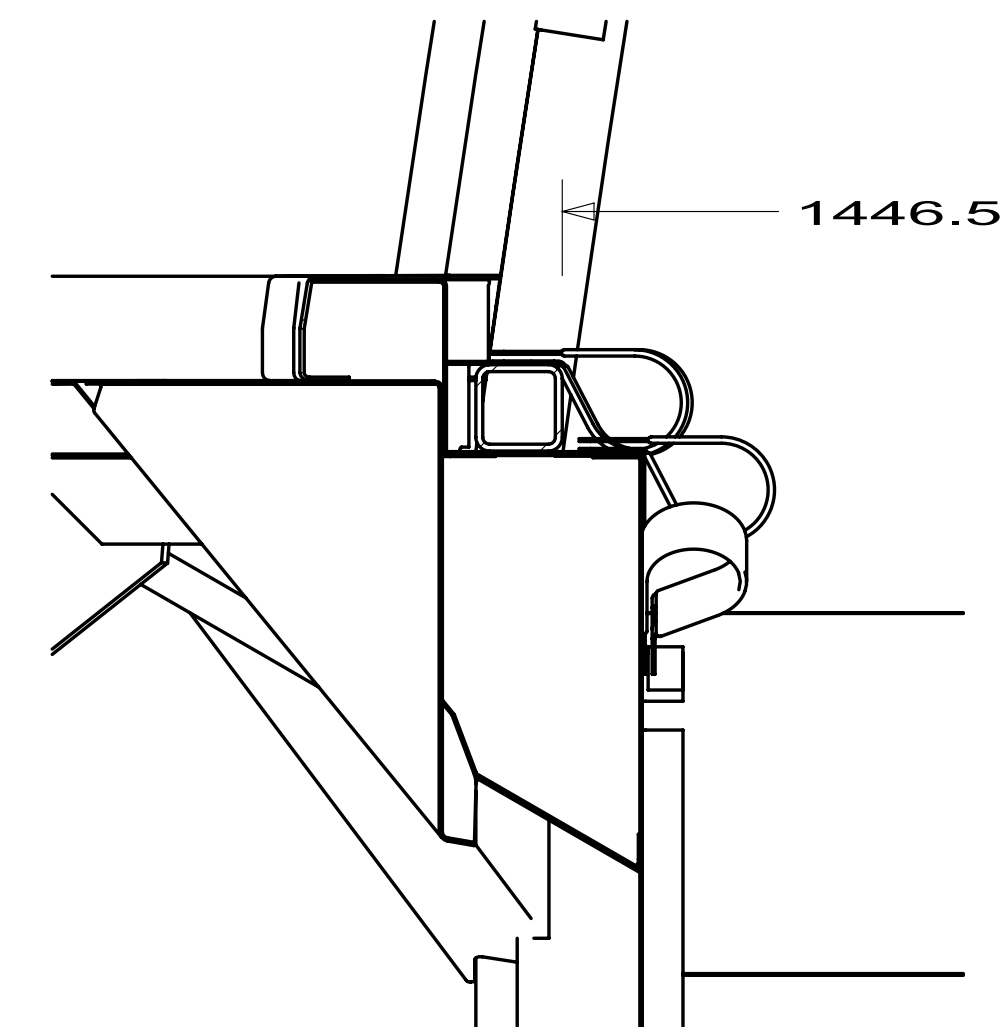
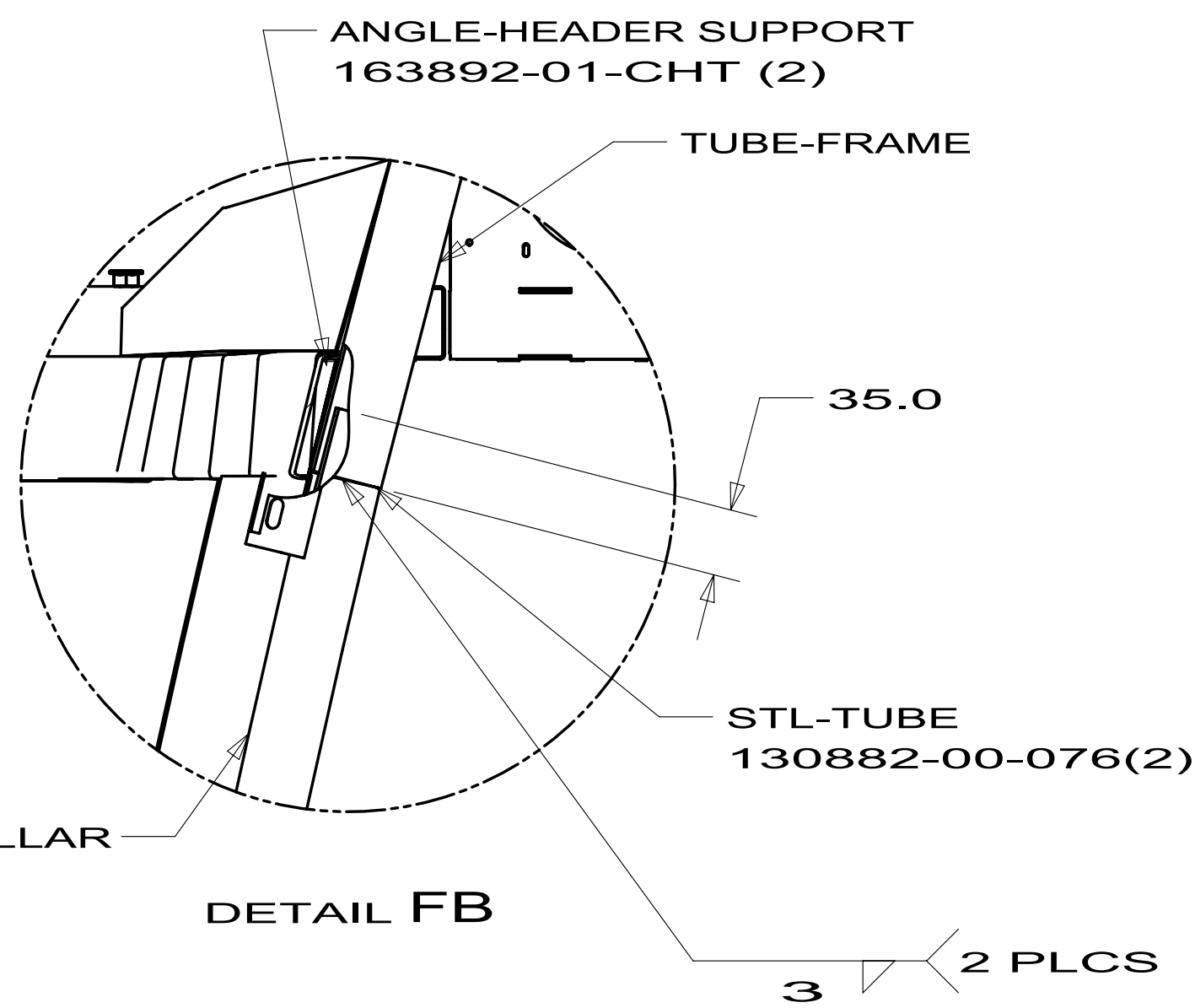
FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO 164624	REV



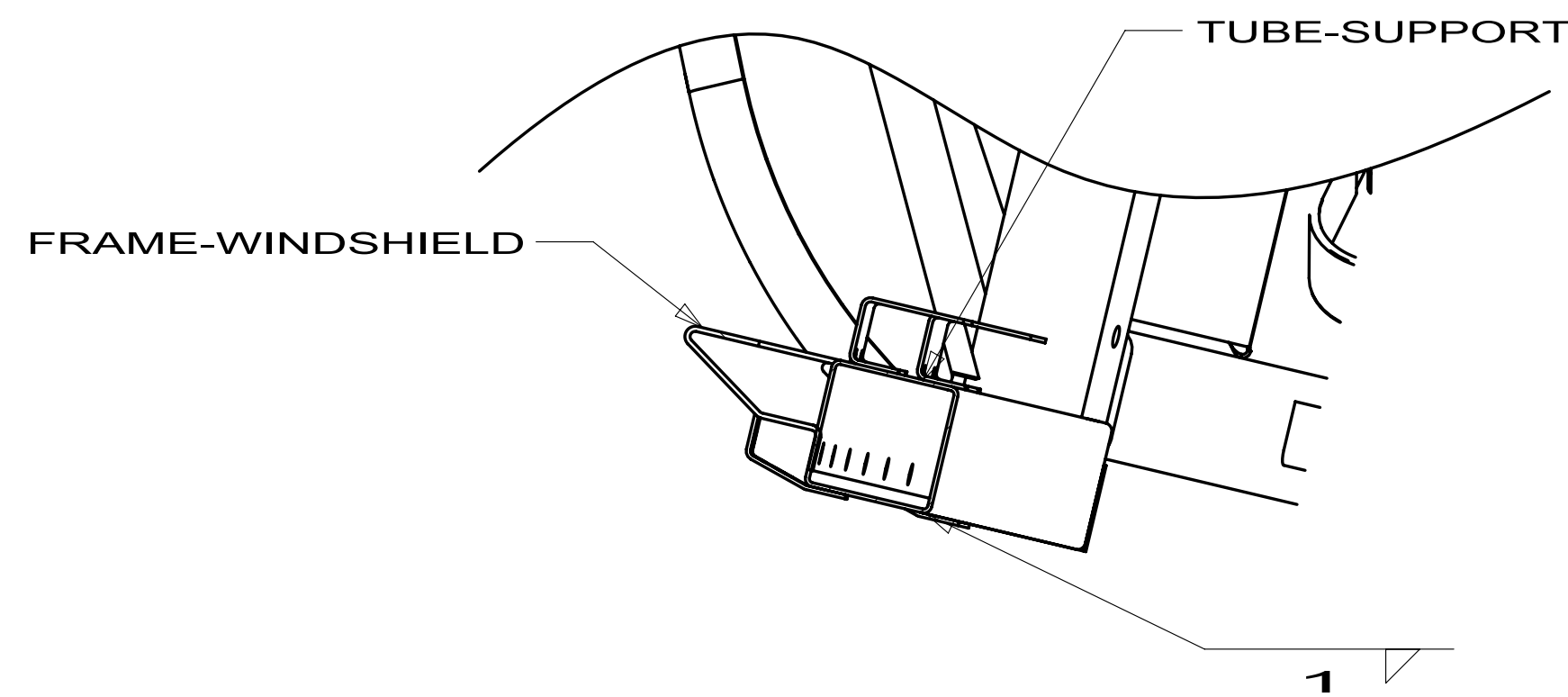
FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 5	PART NO	REV
	164624	



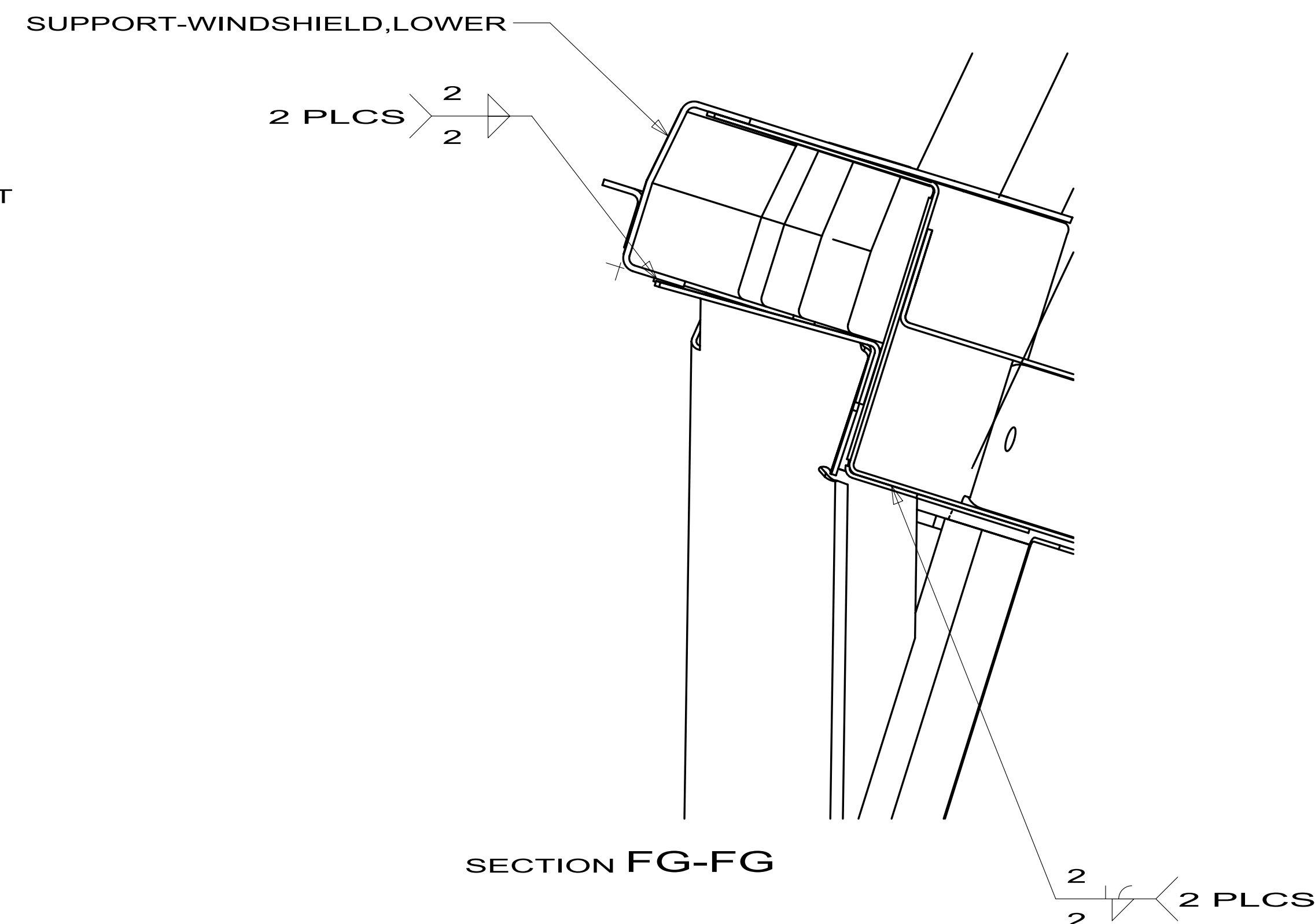
SECTION FA-FA



SECTION FC-FC

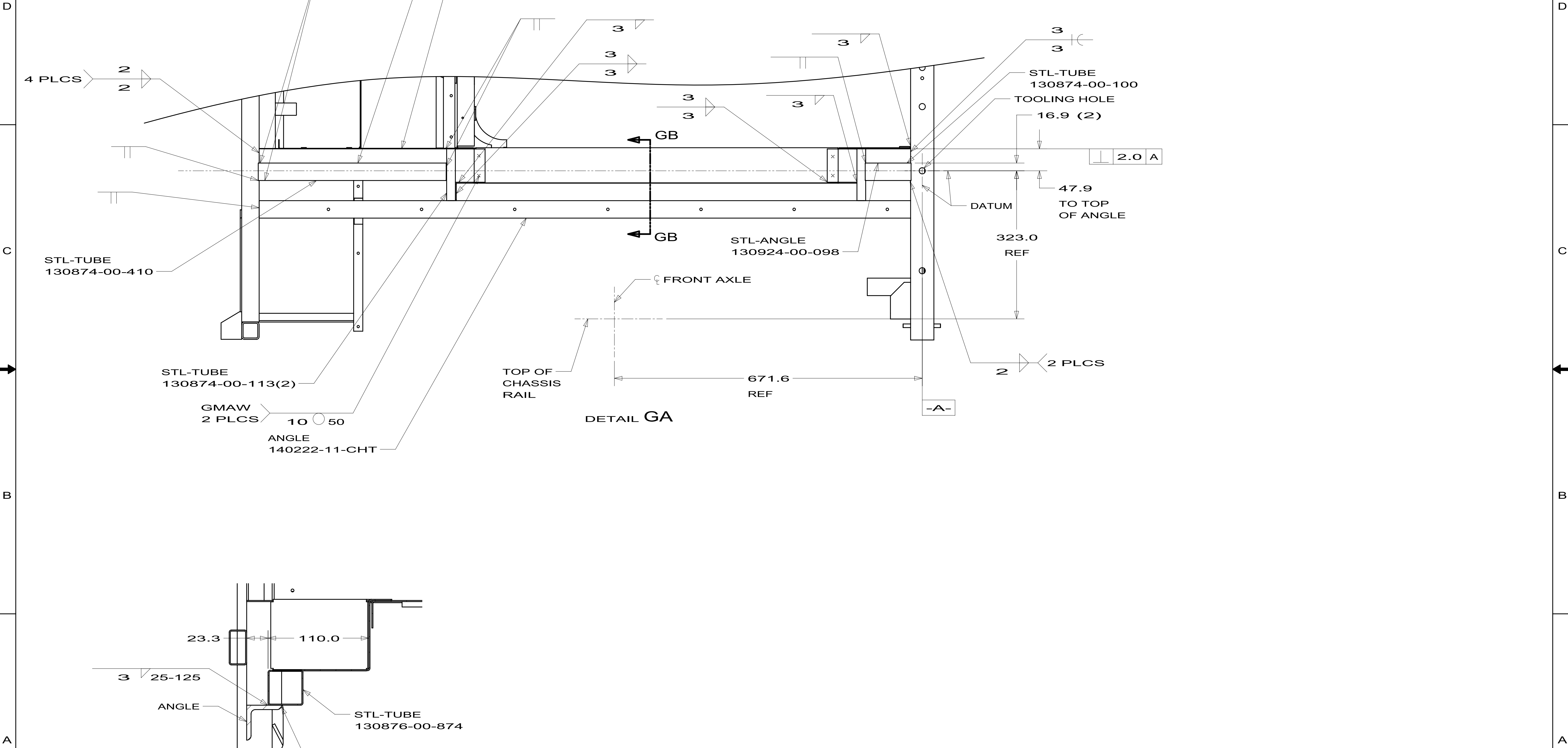


SECTION FF-FF



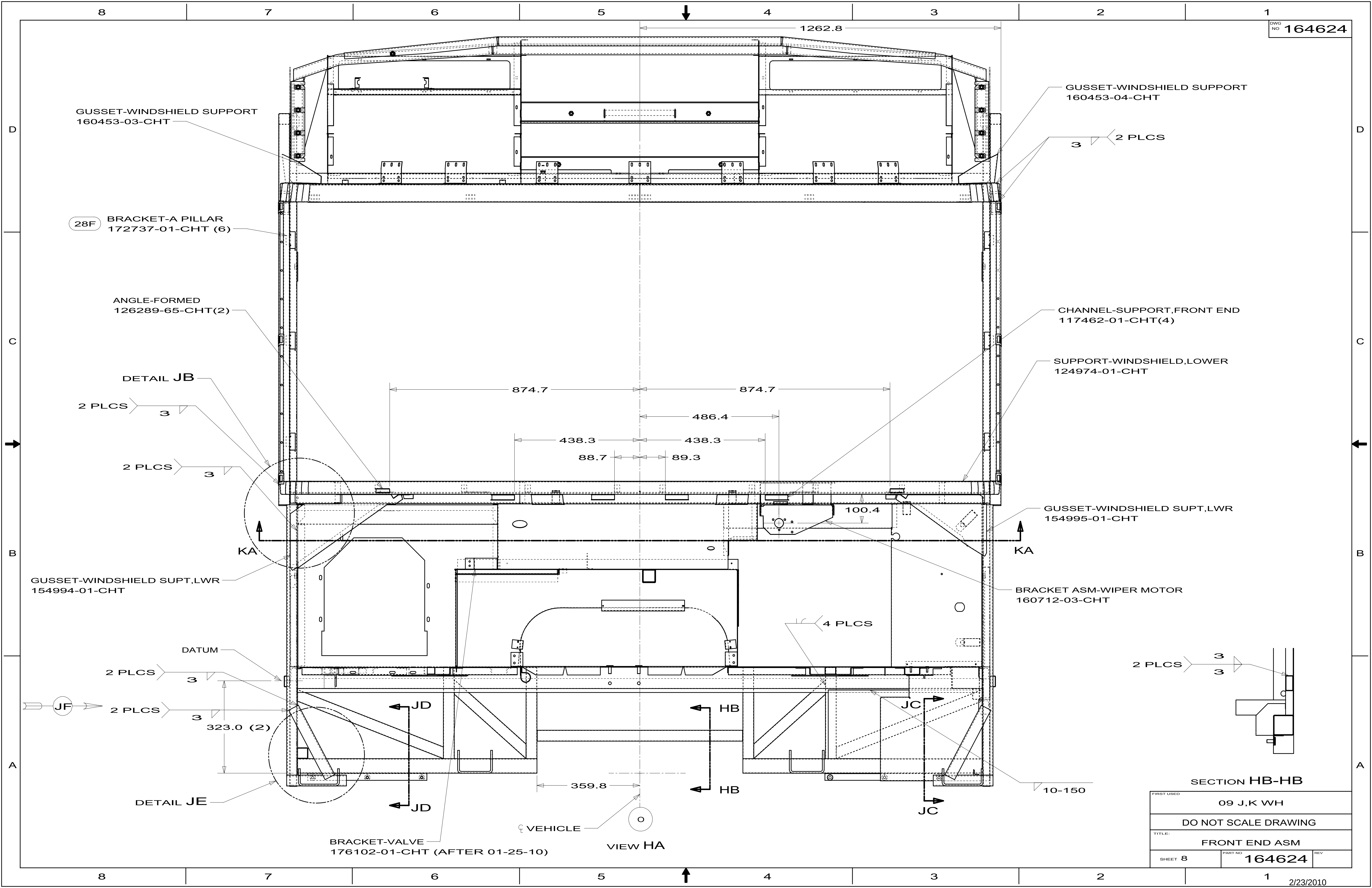
SECTION FG-FG

FIRST USED		09 J,K WH	
DO NOT SCALE DRAWING			
TITLE:			
FRONT END ASM			
SHEET 6	PART NO	164624	REV



SECTION GB-GB

FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 7	PART NO	REV
	164624	



GUSSET-WINDSHIELD SUPPORT
160453-03-CHT

28F BRACKET-A PILLAR
172737-01-CHT (6)

ANGLE-FORMED
126289-65-CHT(2)

DETAIL JB

2 PLCS

2 PLCS

GUSSET-WINDSHIELD SUPT,LWR
154994-01-CHT

DATUM

2 PLCS

2 PLCS

DETAIL JE

BRACKET-VALVE
176102-01-CHT (AFTER 01-25-10)

VEHICLE

GUSSET-WINDSHIELD SUPPORT
160453-04-CHT

2 PLCS

CHANNEL-SUPPORT,FRONT END
117462-01-CHT(4)

SUPPORT-WINDSHIELD,LOWER
124974-01-CHT

GUSSET-WINDSHIELD SUPT,LWR
154995-01-CHT

BRACKET ASM-WIPER MOTOR
160712-03-CHT

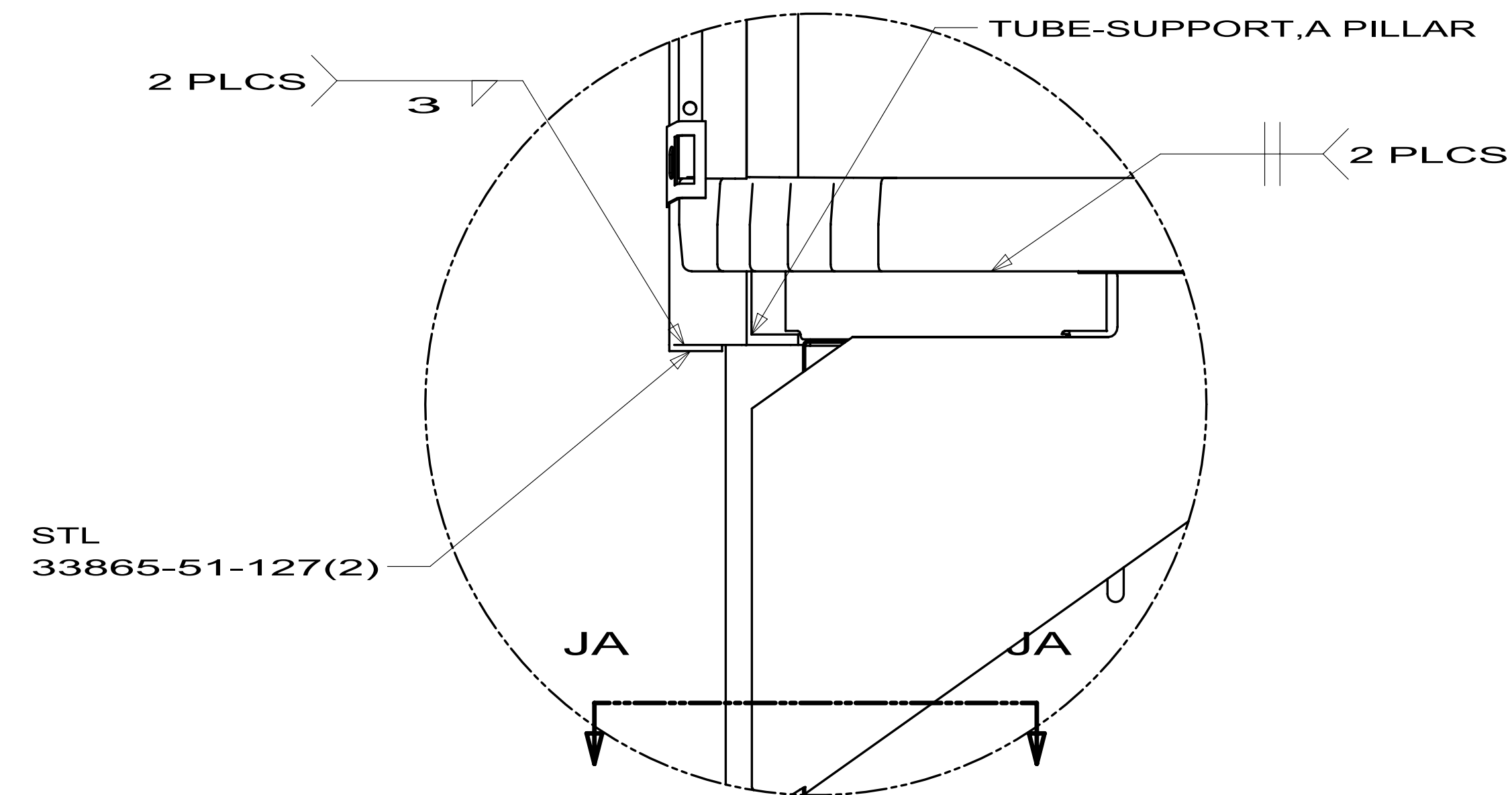
2 PLCS

3

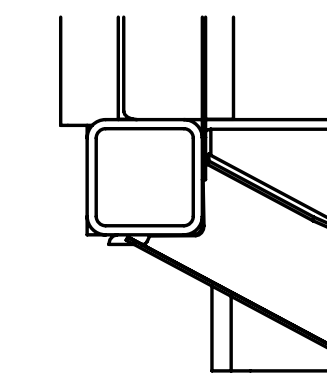
3

SECTION HB-HB

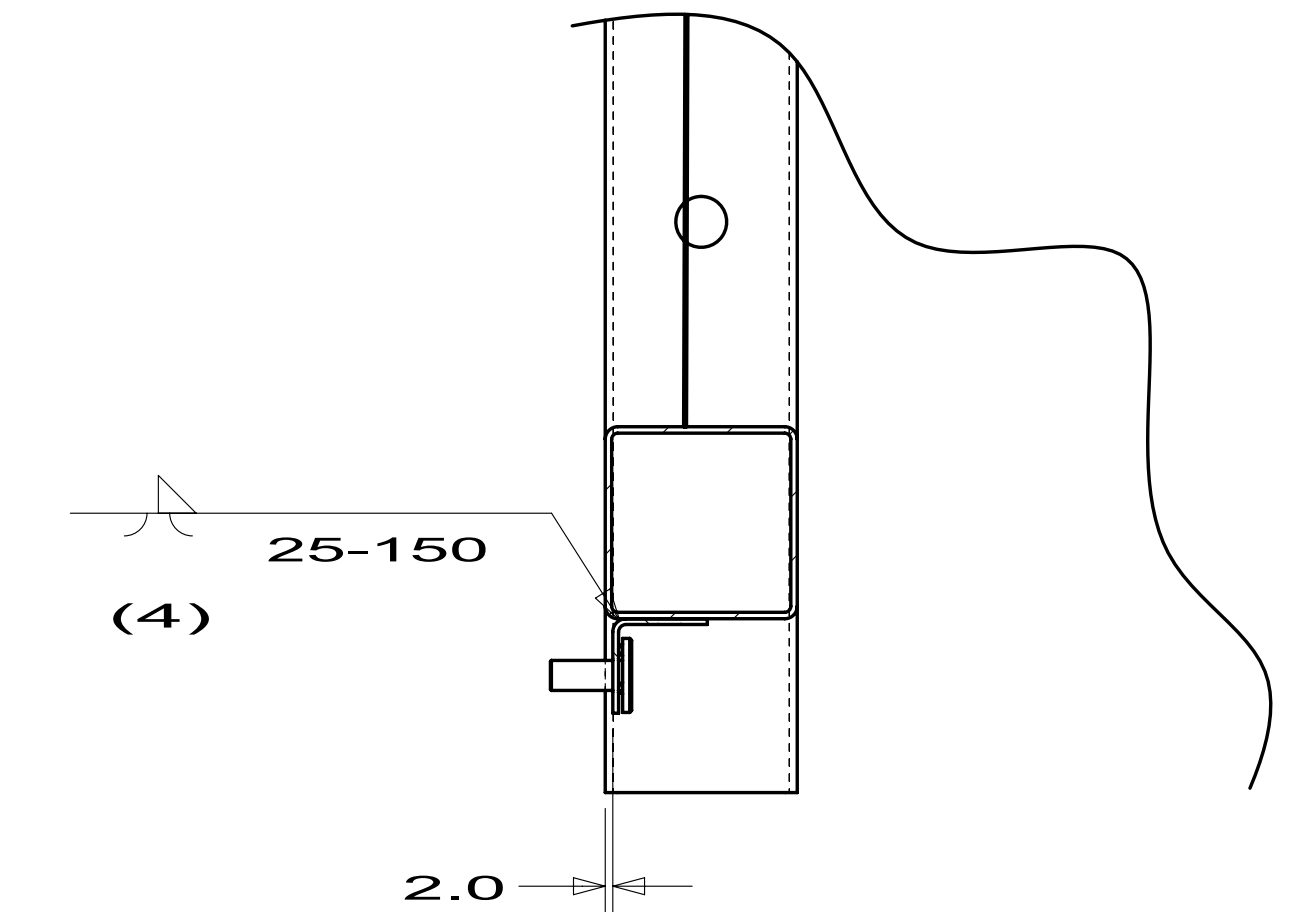
FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE: FRONT END ASM		
SHEET 8	PART NO 164624	REV



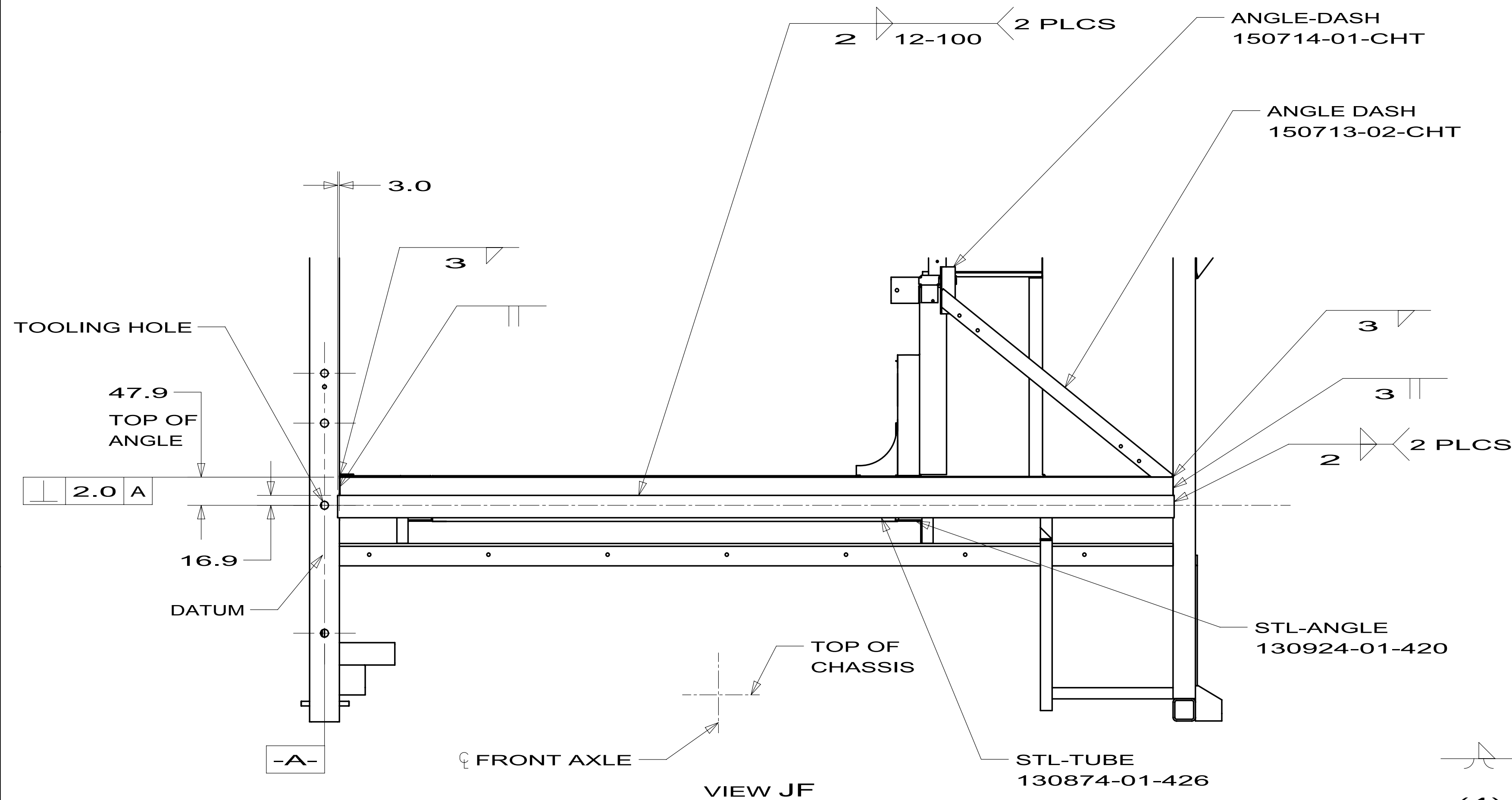
DETAIL JB



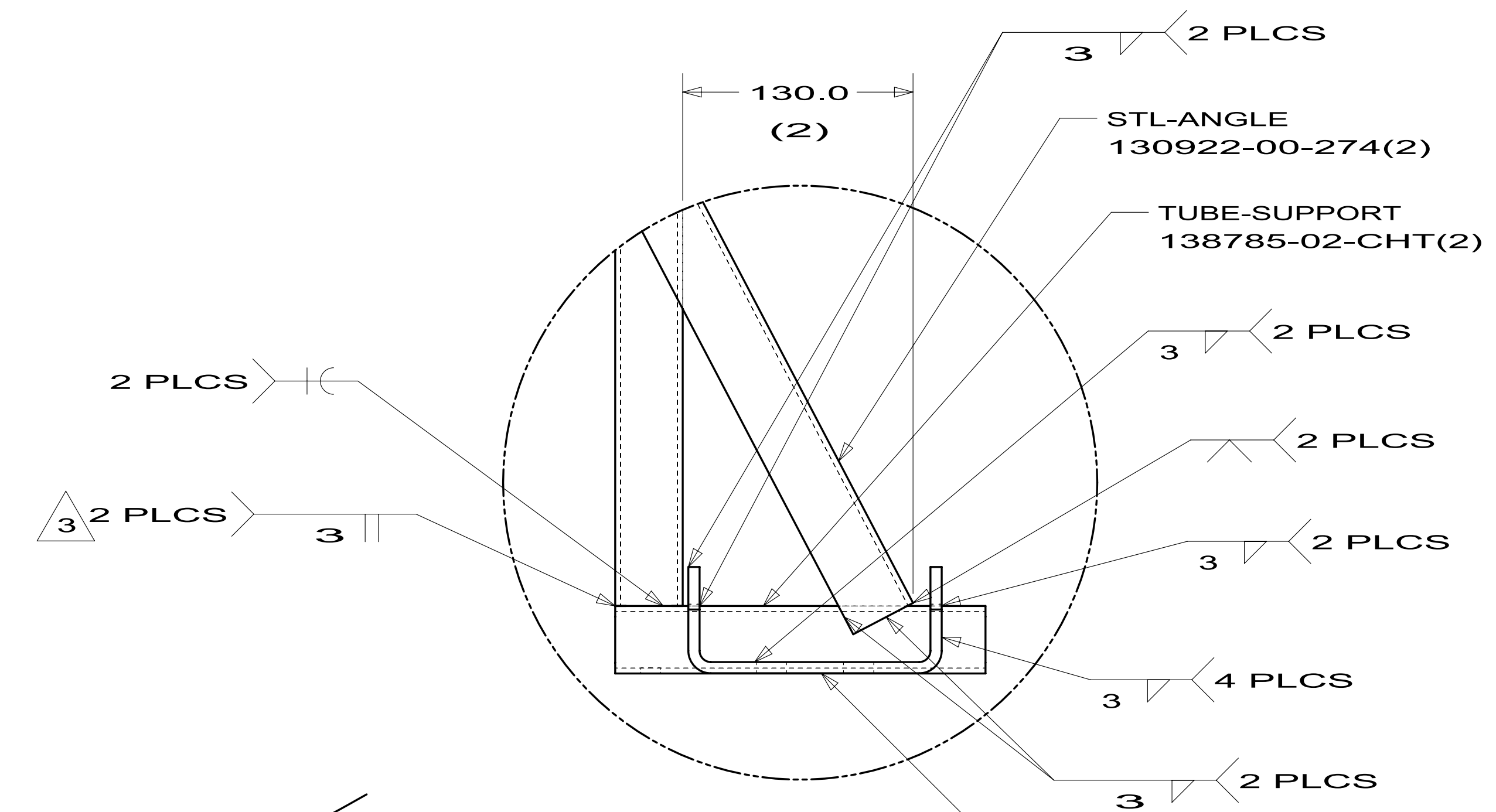
SECTION JA-JA



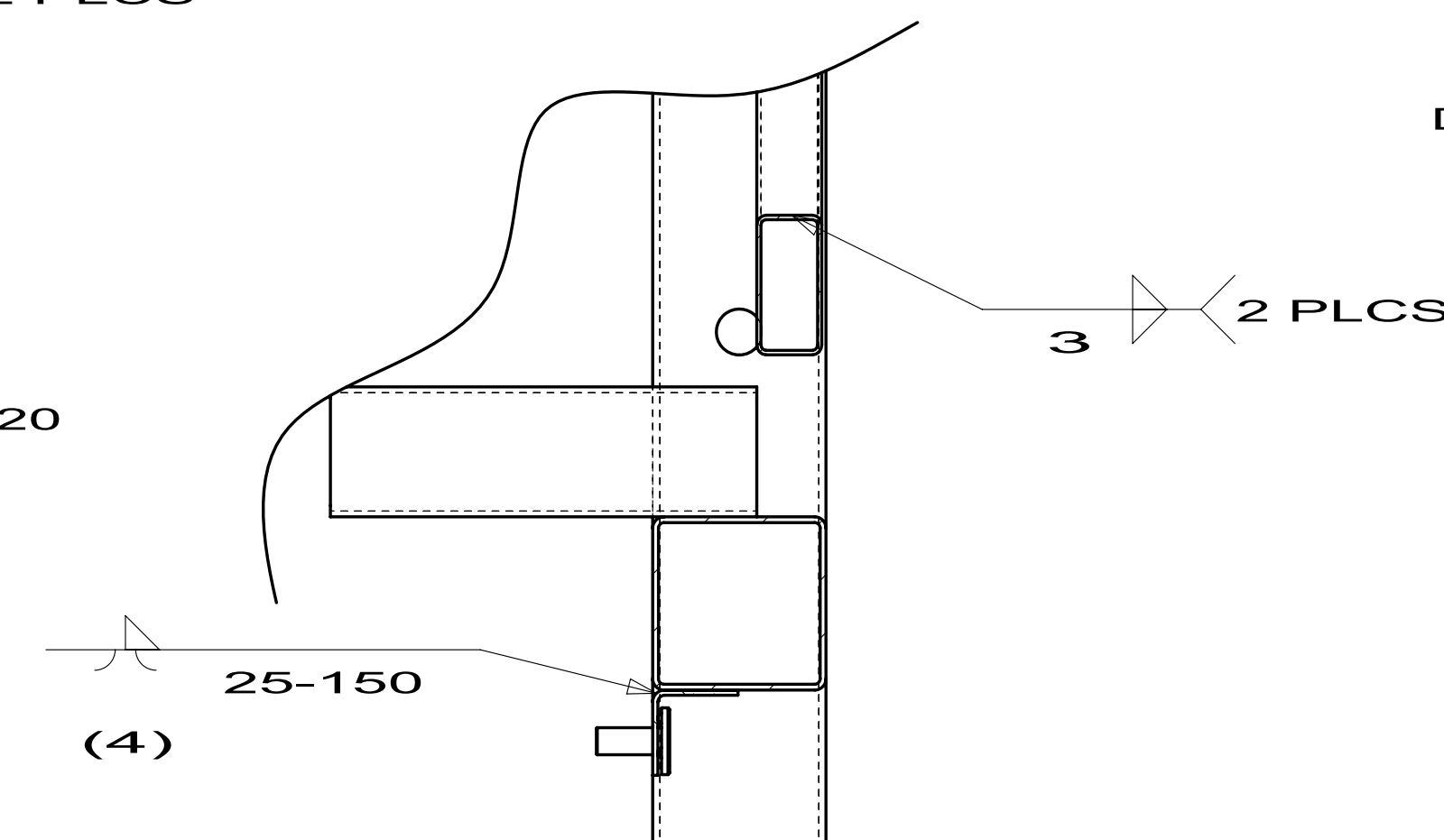
SECTION JC-JC



VIEW JF

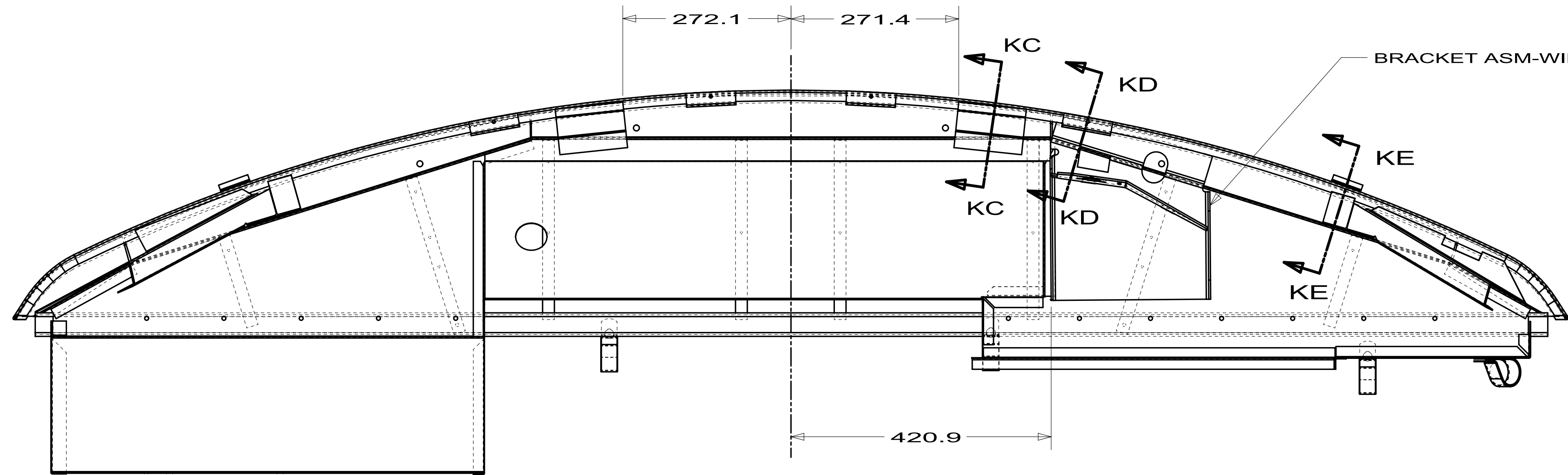


DETAIL JE



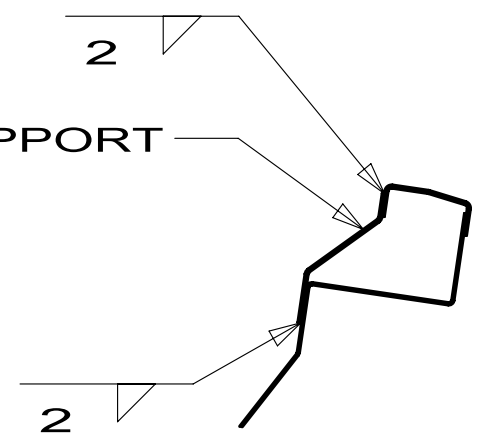
SECTION JD-JD

FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE: FRONT END ASM		
SHEET 9	PART NO 164624	REV



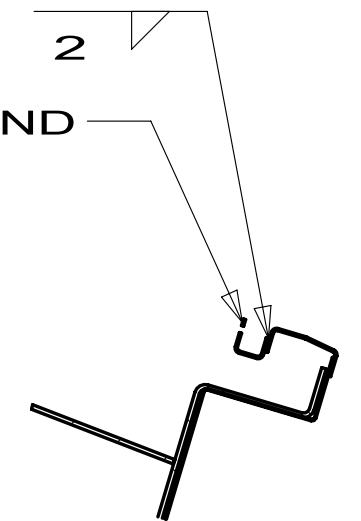
SECTION KA-KA

REINFORCEMENT-SUPPORT
134202-01-CHT(2)

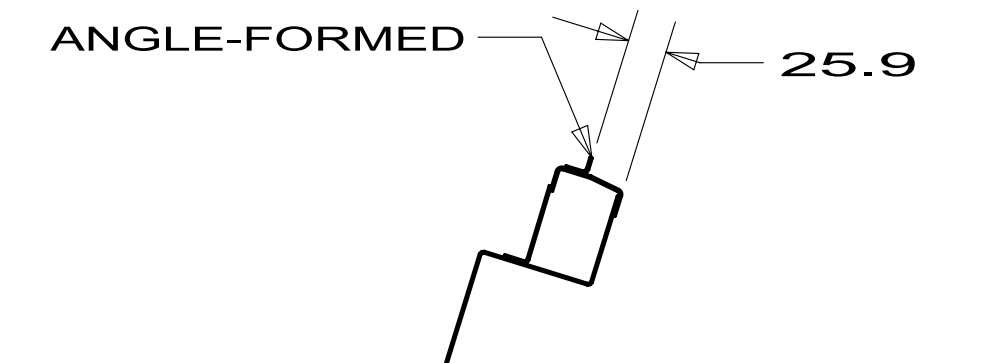


SECTION KC-KC
(2 PLCS)

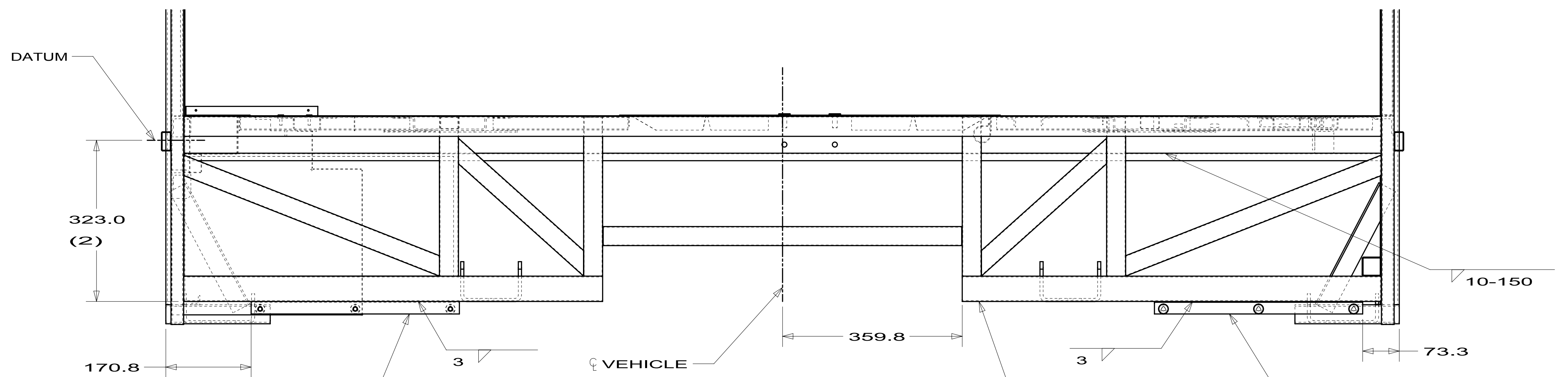
CHANNEL-SUPPORT,FRONT END



SECTION KD-KD
(4 PLCS)



SECTION KE-KE
(2 PLCS)



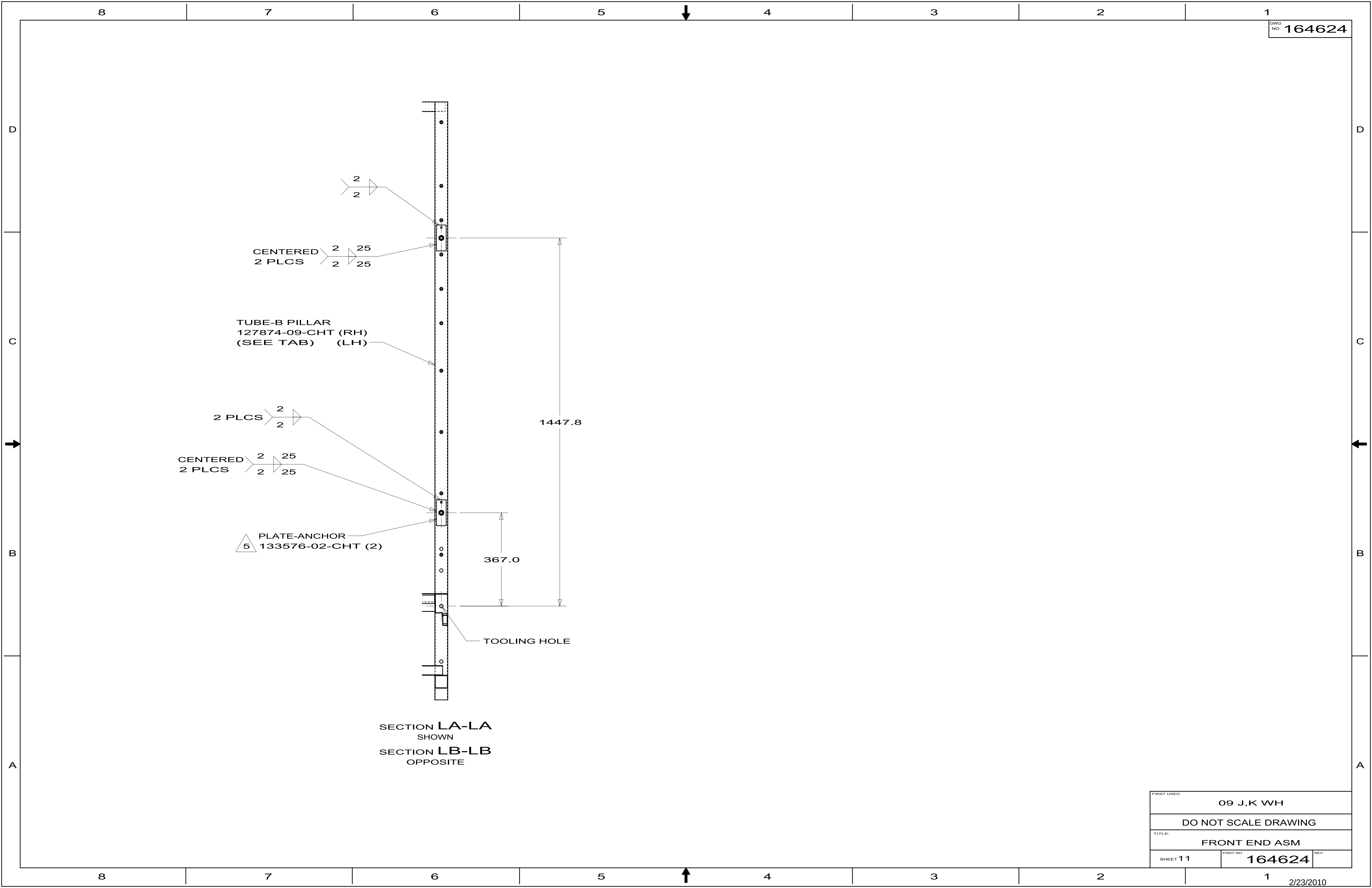
VIEW KB

SUPPORT ASM-DIRT GUARD
152540-02-CHT

RISER ASM-CAB,REAR
(SEE TAB)

SUPPORT ASM-DIRT GUARD
152540-02-CHT

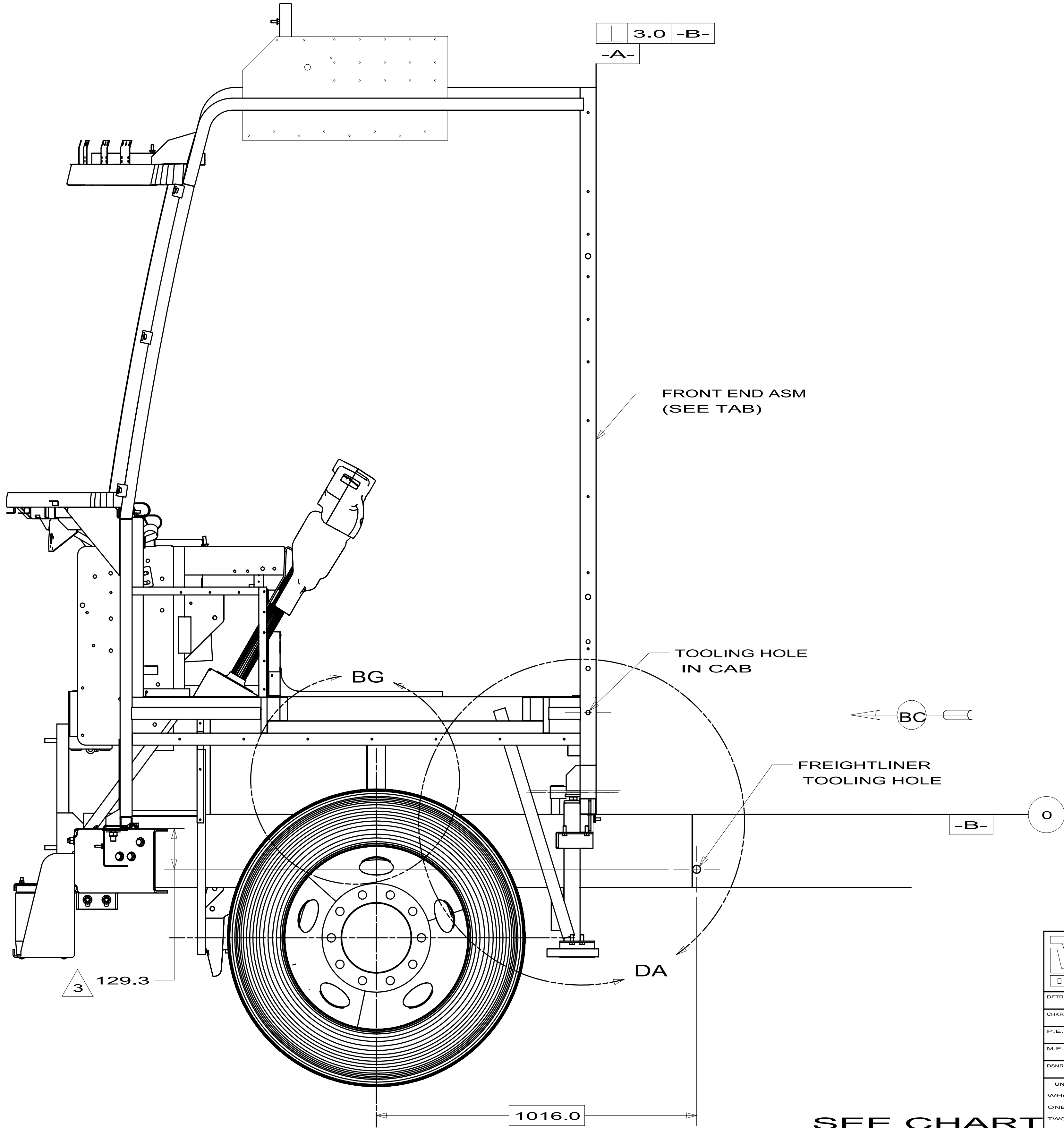
FIRST USED		
09 J,K WH		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 10	PART NO	REV
	164624	



DWG NO	FRONT END ASM
168874-01	168875-01-CHT
168874-02	168875-02-CHT
168874-03	168875-03-CHT
168874-04	168875-04-CHT
168874-05	168875-05-CHT
168874-06	168875-06-CHT

J32H, J35P, J37F - W/O TV
J35Z, J38N - W/O TV
NOT USED
J35Z - W/TV
NOT USED
J37F - W/TV

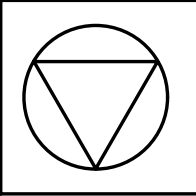
RELEASE	REV A	DATE	DWG NO 168874
REV ZONE	REVISION RECORD		DATE OFTR-ORIG

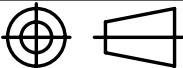


7. APPLY PUTTY SEALER, 111940-02-000, TO ANY SEAMS OR HOLES THAT NEED A FLEXIBLE DUST AND AIR SEAL.
6.  TORQUE TO: 191-209 Nm (143-157 FT LB).
5. ADD OR REMOVE SHIMS AS NEEDED TO LEVEL FRONT END ASM.
4. UNBOLT AND WELD AS NEEDED AFTER PLATFORM ADJUSTMENT.
3. ADJUST HEIGHT OF SUPPORT TO LOCATE CAB PROPERLY.
2. SEAL ALL JOINTS BETWEEN PANELS AND CAB.
1. REMOVE ALL BURRS AND SHARP EDGES.

NOTES:

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

 INDICATES CRITICAL SAFETY
PROCEDURE TO BE FOLLOWED

WINNEBAGO® I N D U S T R I E S		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DTFR		ORIG. DATE	
CHRR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		09 J-SER,FL	
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/CHASSIS ASM			
SHEET 1 OF 4		PART NO	REV
		168874	

BAFFLE
(CHASSIS SUPPLIED)
SCREW
G39-10-12T (6)

BULKHEAD

RESERVOIR-WASHER

SHIELD ASM
121962-02-CHT
NUT
D39-04-00B (2)
STRAP
139119-01-CHT

TOP OF
CHASSIS
RAIL

105.7

BOLT
C12-10-32U (2)
NUT
D39-10-00U (2)
(USE INBOARD HOLE
IN BRACKET-BOTH SIDES)

595.2

595.2

OF VEHICLE

SUPPORT ASM-FRONT
152916-06-CHT

VIEW BA

SUPPORT ASM-FRONT
152916-07-CHT

BF

TOP & BOTTOM
BOTH SIDES

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

BOLT NUT

WASHER-LOCK

SECTION BE-BE

SHIM-SUPPORT,FRONT END
165262-01-CHT (2)

BE
BOTH SIDES

SECTION BD-BD

BD

BD

1.5

BOLT
C26-04-14U (2)

CHANNEL-SUPPORT,FRONTEND
165261-05-CHT (RH)
165261-06-CHT (LH)

148.4

50.9

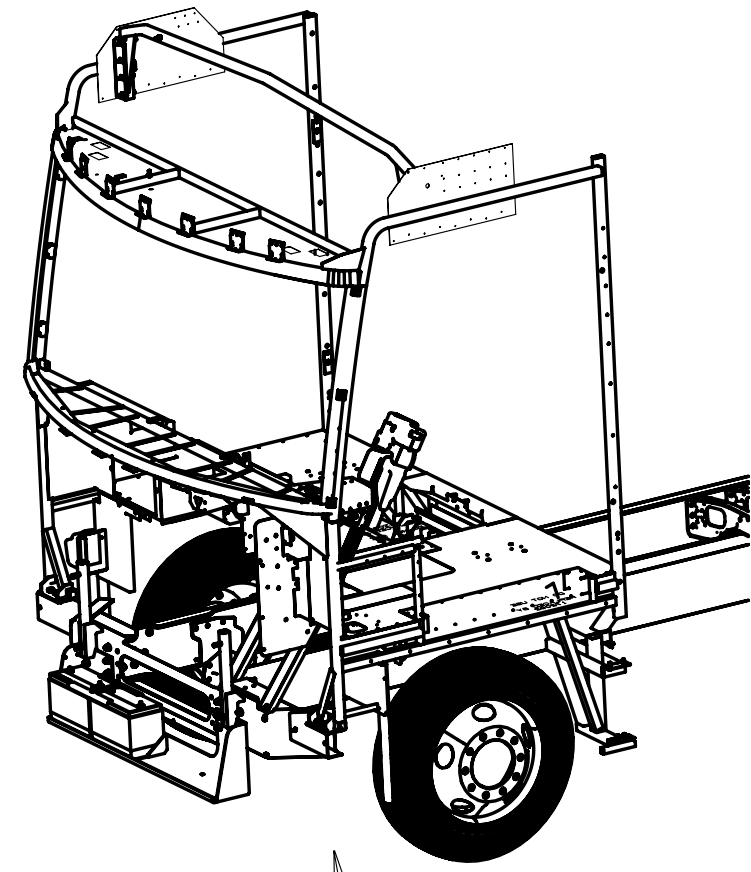
VIEW BB

VIEW BF

DETAIL BG

3 19-75 4

FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 2	PART NO	168874
	REV	



CB

CC

ANGLE-FORMED
130298-54-CHT

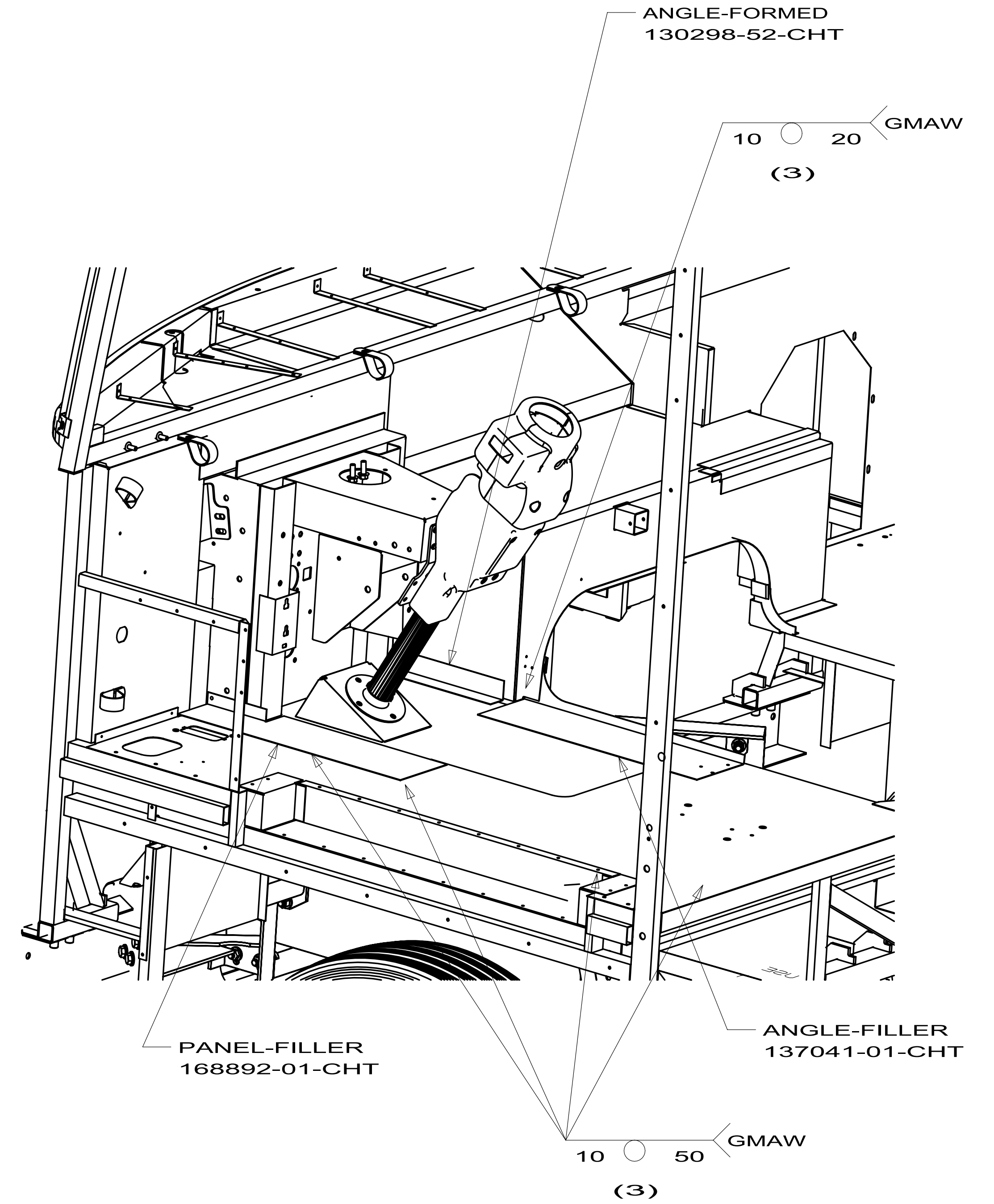
ANGLE-FORMED
130298-53-CHT

GROMMET
71015-22-000

ANGLE-FORMED
130298-50-CHT

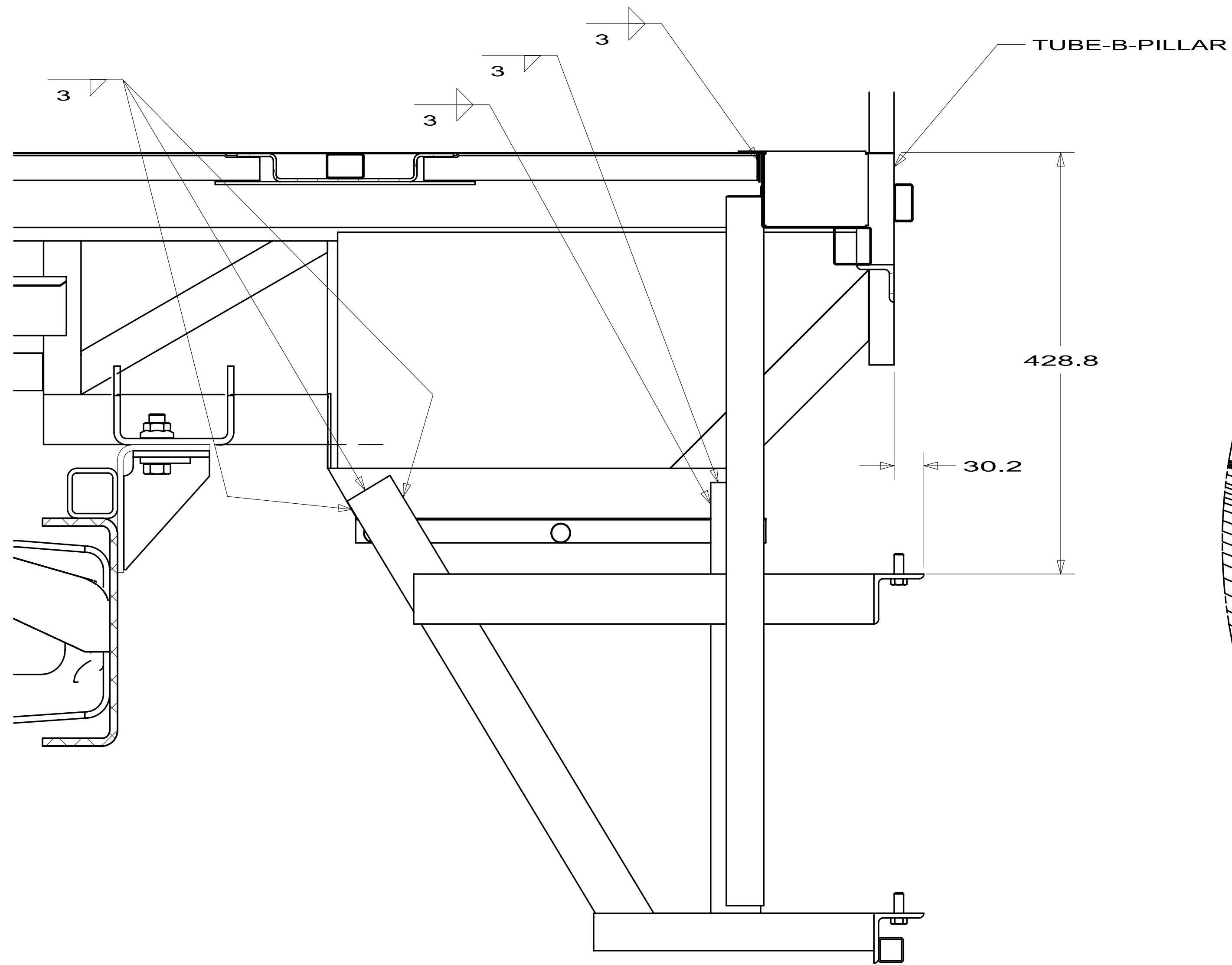
PANEL-CLOSEOUT,CAB
168893-01-CHT

VIEW CB

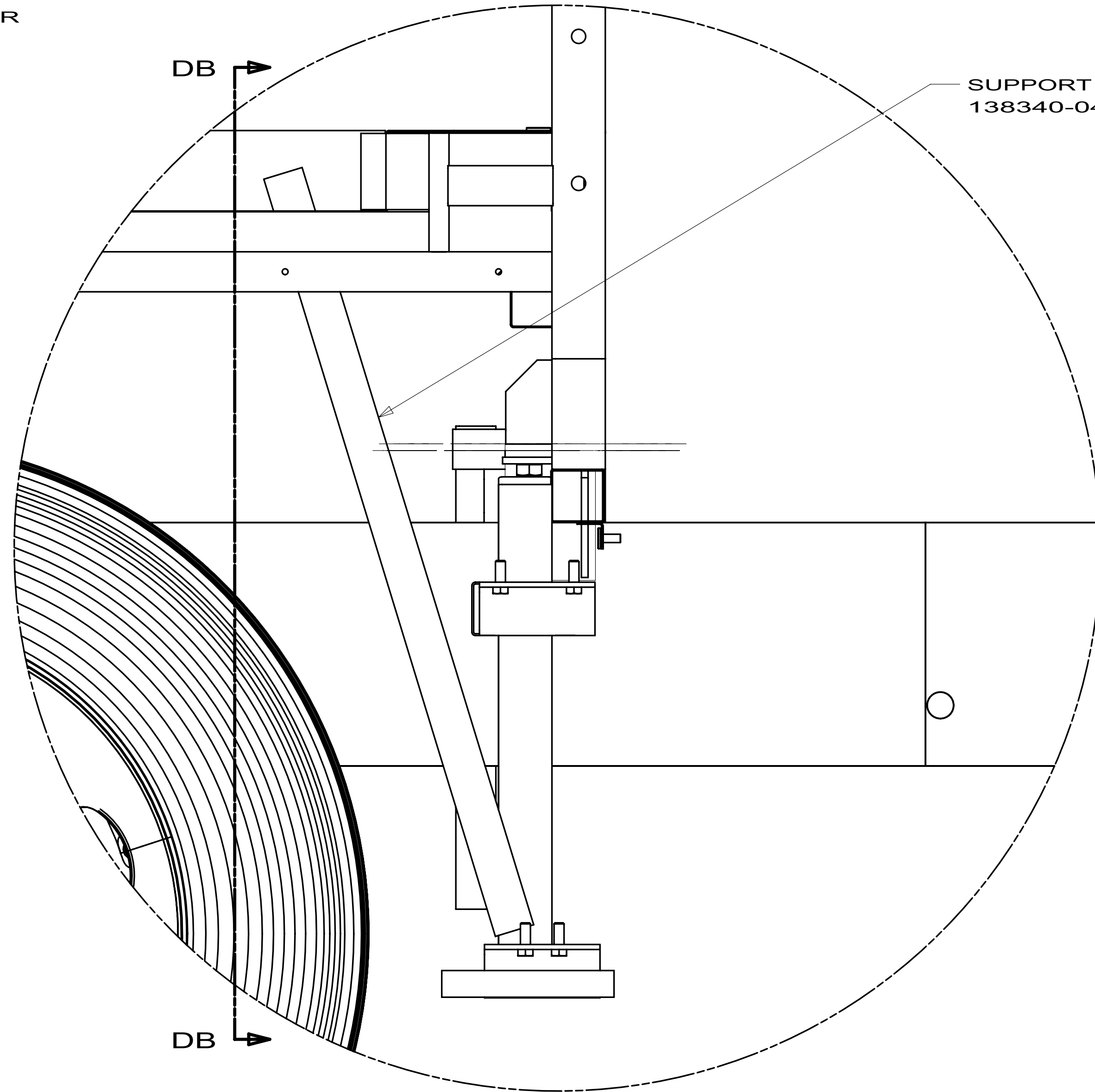


VIEW CC

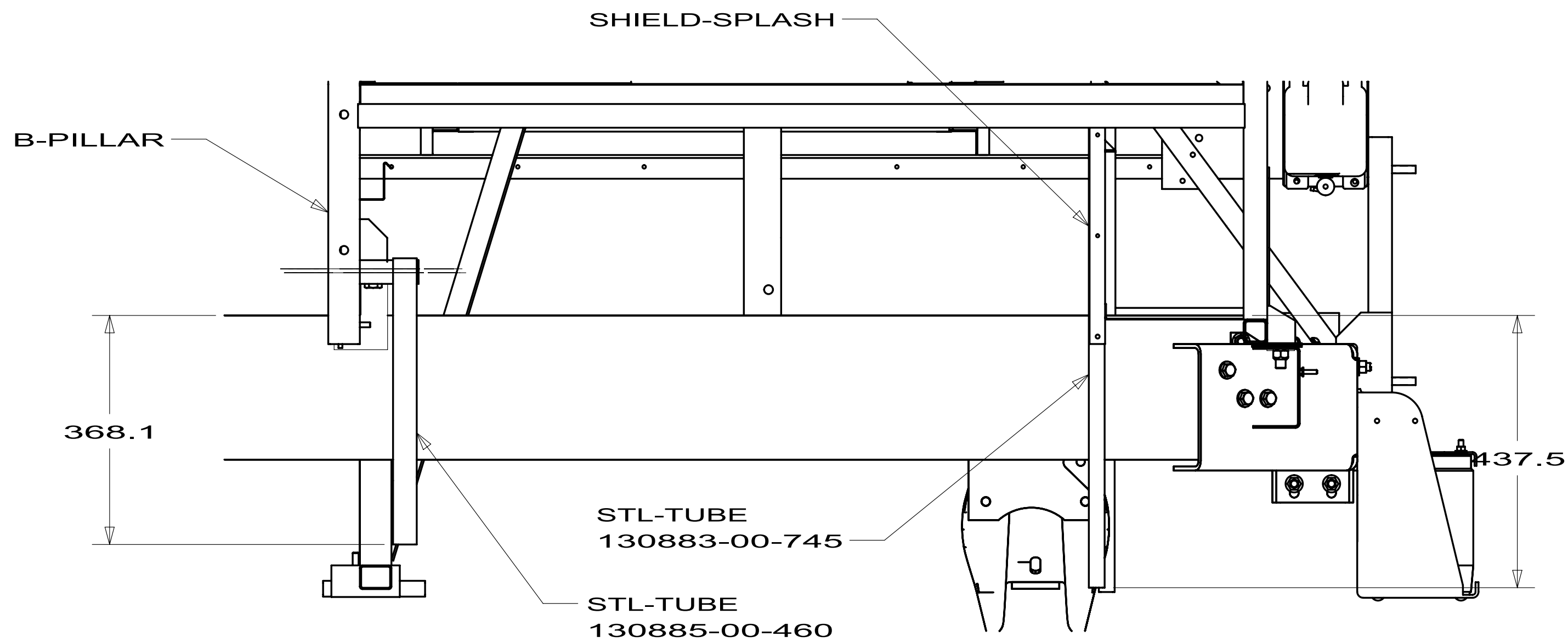
FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE: FRONT END/CHASSIS ASM		
SHEET 3	PART NO 168874	REV



SECTION DB-DB



DETAIL DA

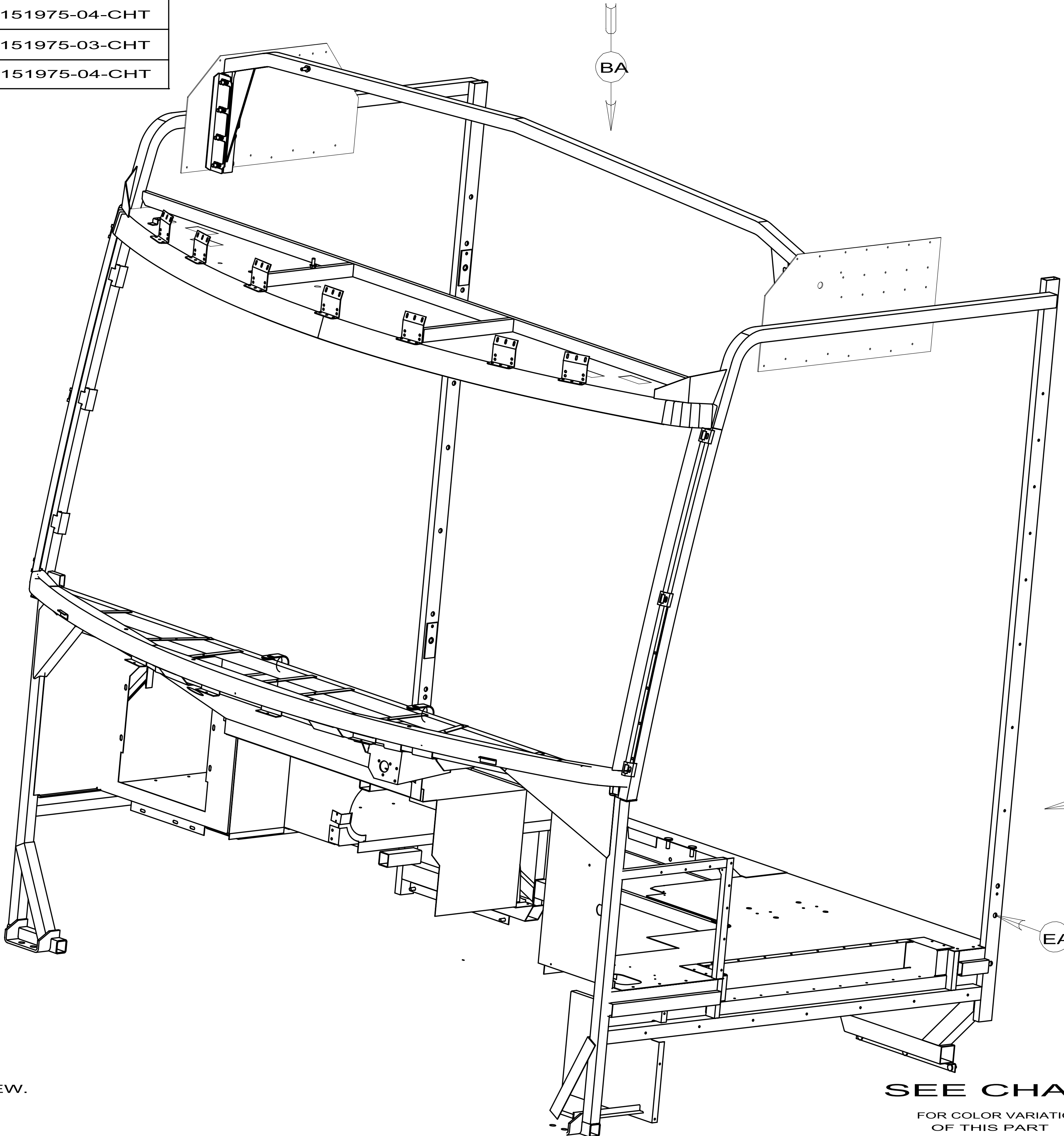


SECTION DC-DC

FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END/CHASSIS ASM		
SHEET 4	PART NO	REV
	168874	

8		7		6	
DWG NO	TUBE-TOP,LH	PLATE ASM-LH	A	B	SUPPORT ASM-TV
168875-01	117344-10-CHT	150653-07-CHT	34.0	40.0	151975-02-CHT
168875-02	117344-05-CHT	150653-04-CHT	0.0	10.0	151975-02-CHT
168875-03	117344-05-CHT	150653-04-CHT	0.0	10.0	151975-03-CHT
168875-04	117344-05-CHT	150653-04-CHT	0.0	10.0	151975-04-CHT
168875-05	117344-10-CHT	150653-07-CHT	34.0	40.0	151975-03-CHT
168875-06	117344-10-CHT	150653-07-CHT	34.0	40.0	151975-04-CHT

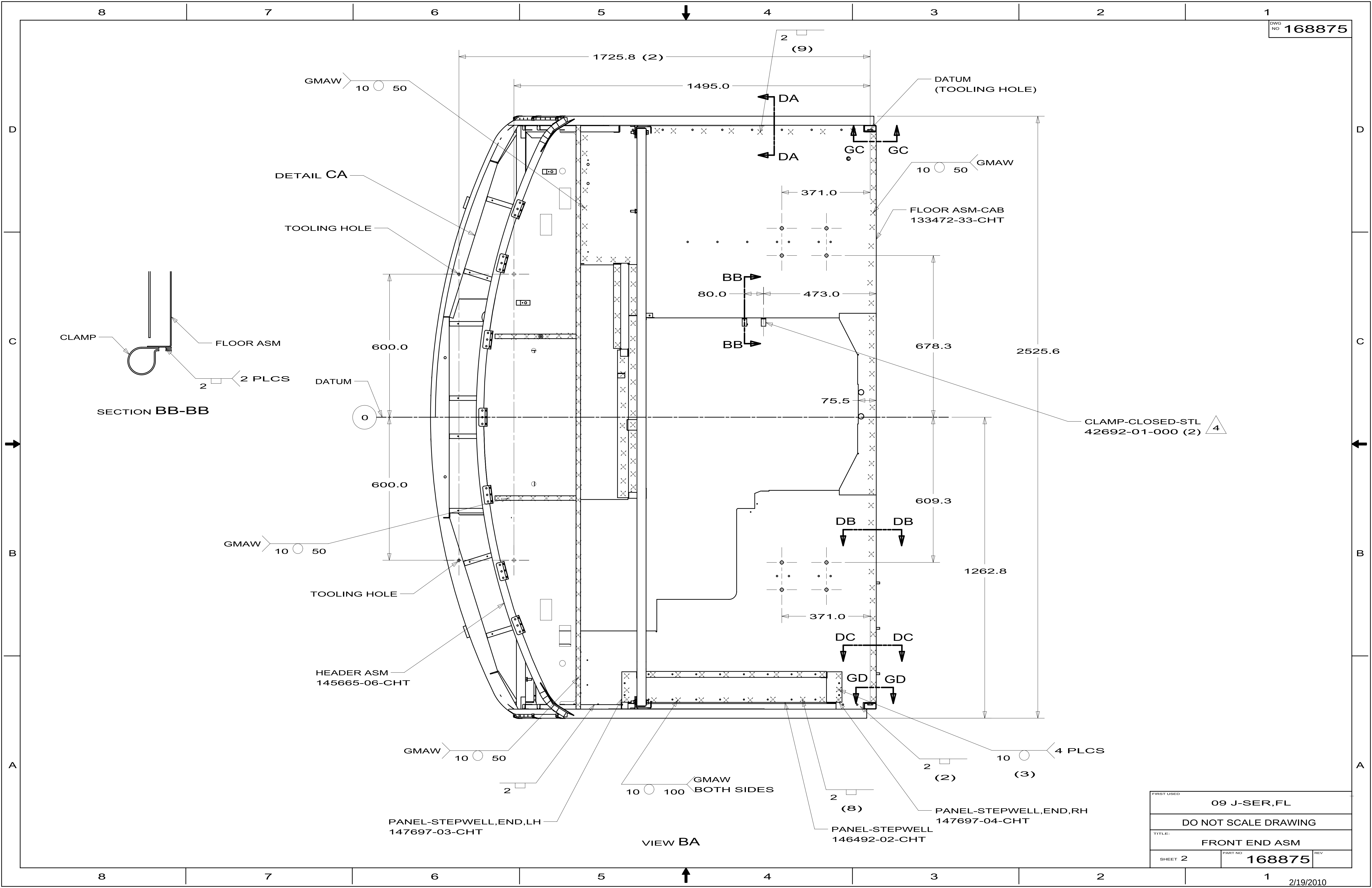
RELEASE		REV	DATE	1	
		A		DWG NO	168875
REV	ZONE	REVISION RECORD			DATE
					0FTR-ORIG



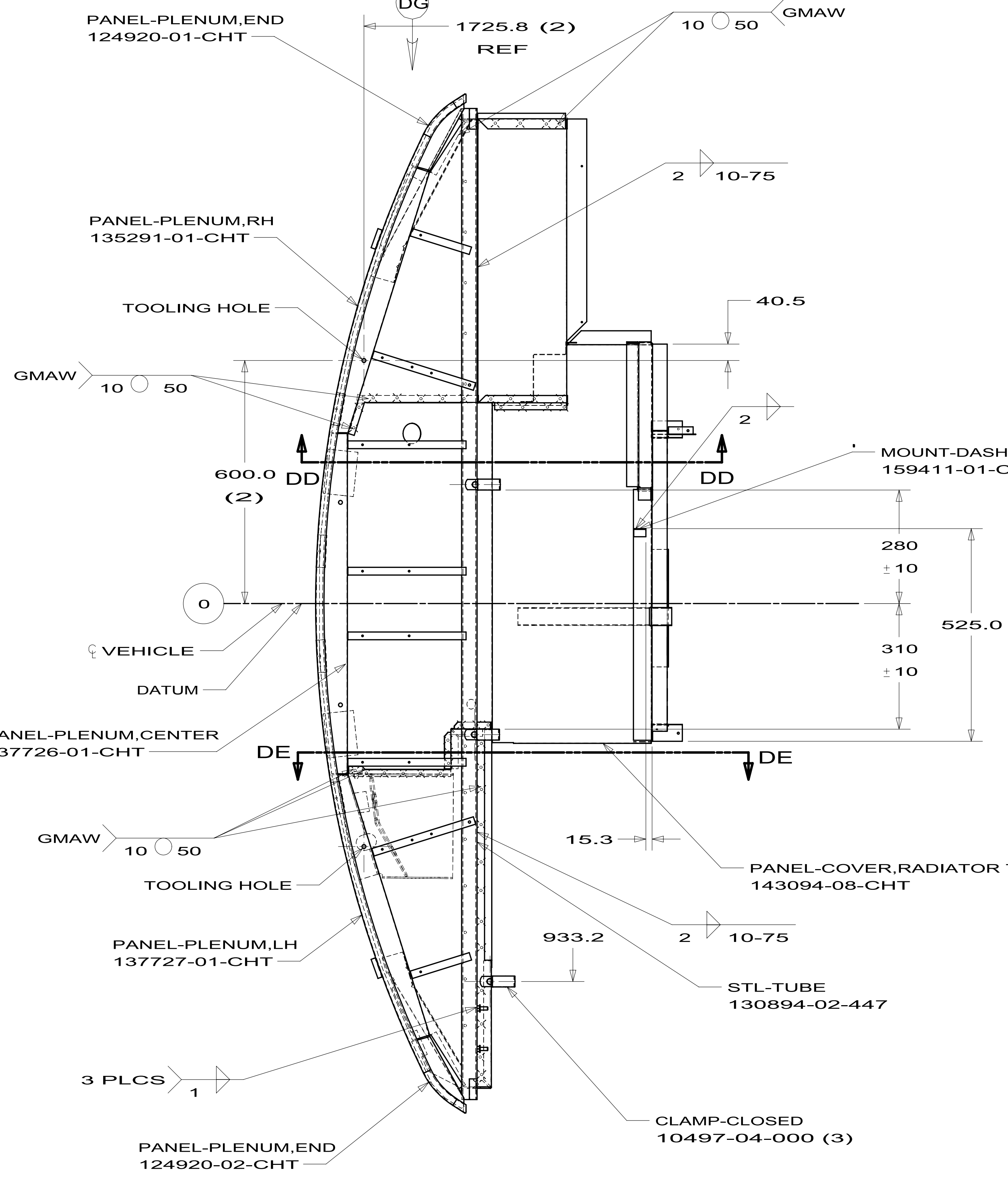
7. TORQUE BOLT TO 34 FT-LBS.
6. SEAL WITH SEALANT 110744-C3-000 AFTER E-COAT.
5. ALIGN HOLES.
4. HOLES MUST ALIGN TO ALLOW FREE PASSAGE OF A #10 SCREW.
3. MUST BE FLUSH WITHIN ± 1.5 .
2. ATTACH AFTER E-COAT.
1. CLEAN, E-COAT AND SEAL CAB WITH 143201-01-000.

INDICATES CRITICAL SAFETY
PROCEDURE TO BE FOLLOWED

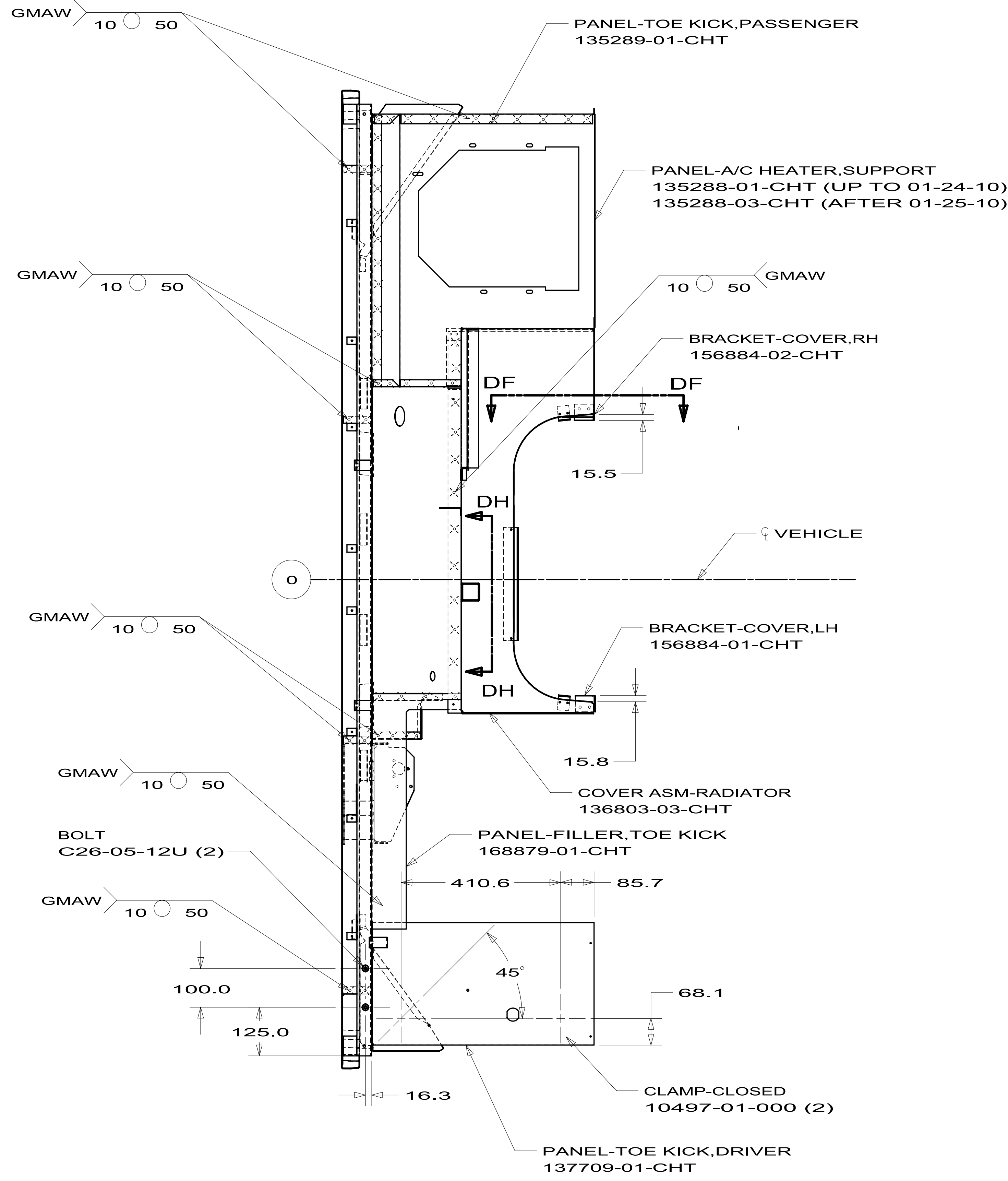
COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
ALL DIMENSIONS ARE IN MILLIMETERS	
09 J-SER,FL	
MATERIAL:	
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	
TITLE: FRONT END ASM	
SHEET 1 OF 10	PART NO 168875
REF: 1	



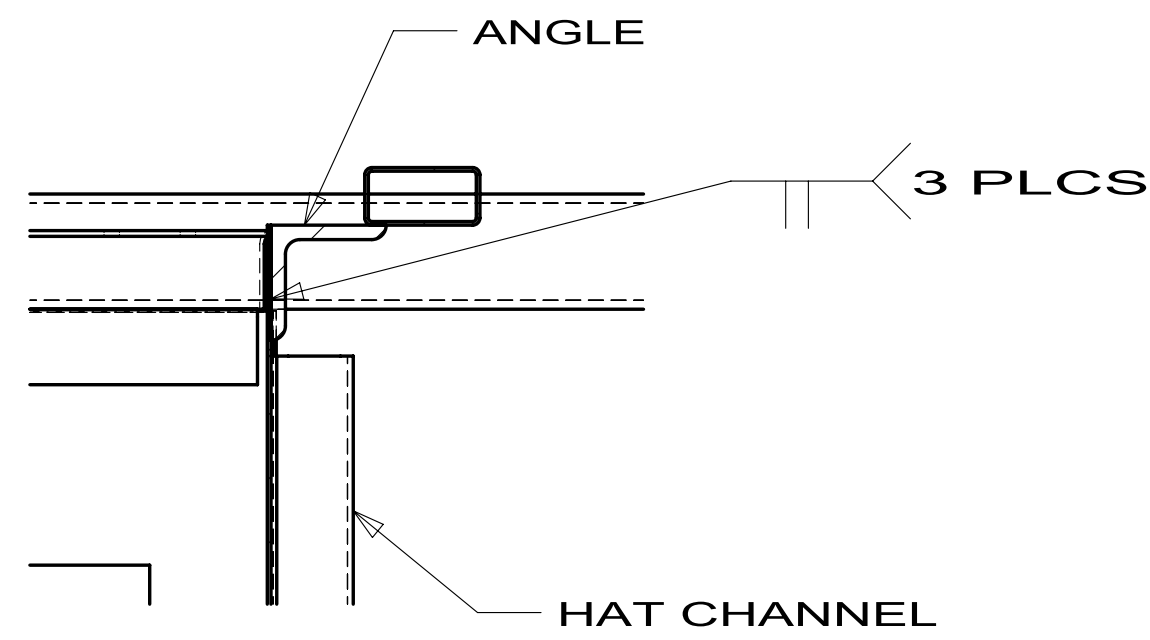
FIRST USED			
09 J-SER,FL			
DO NOT SCALE DRAWING			
TITLE: FRONT END ASM			
SHEET 2		PART NO 168875	REV



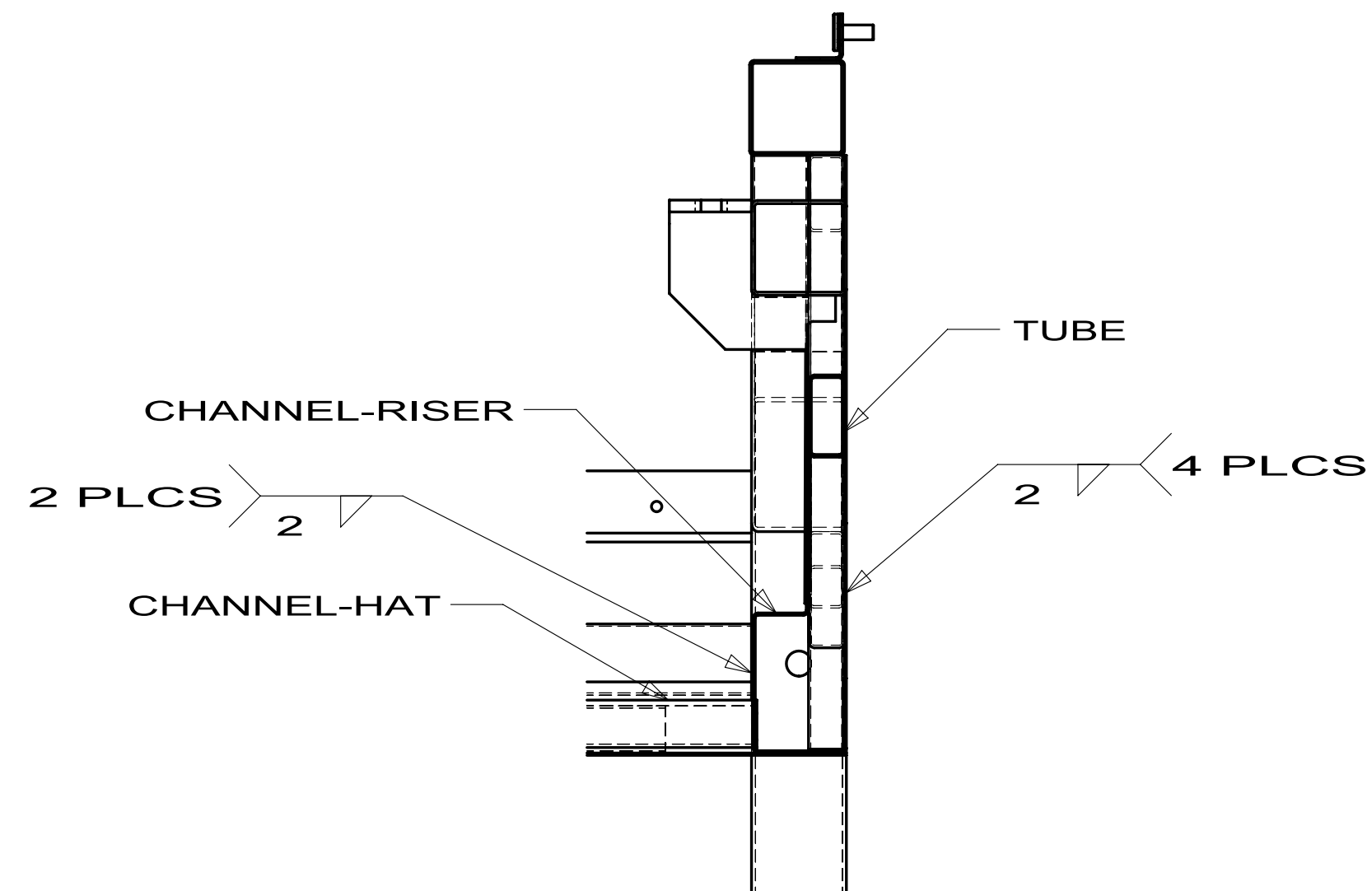
DETAIL CA



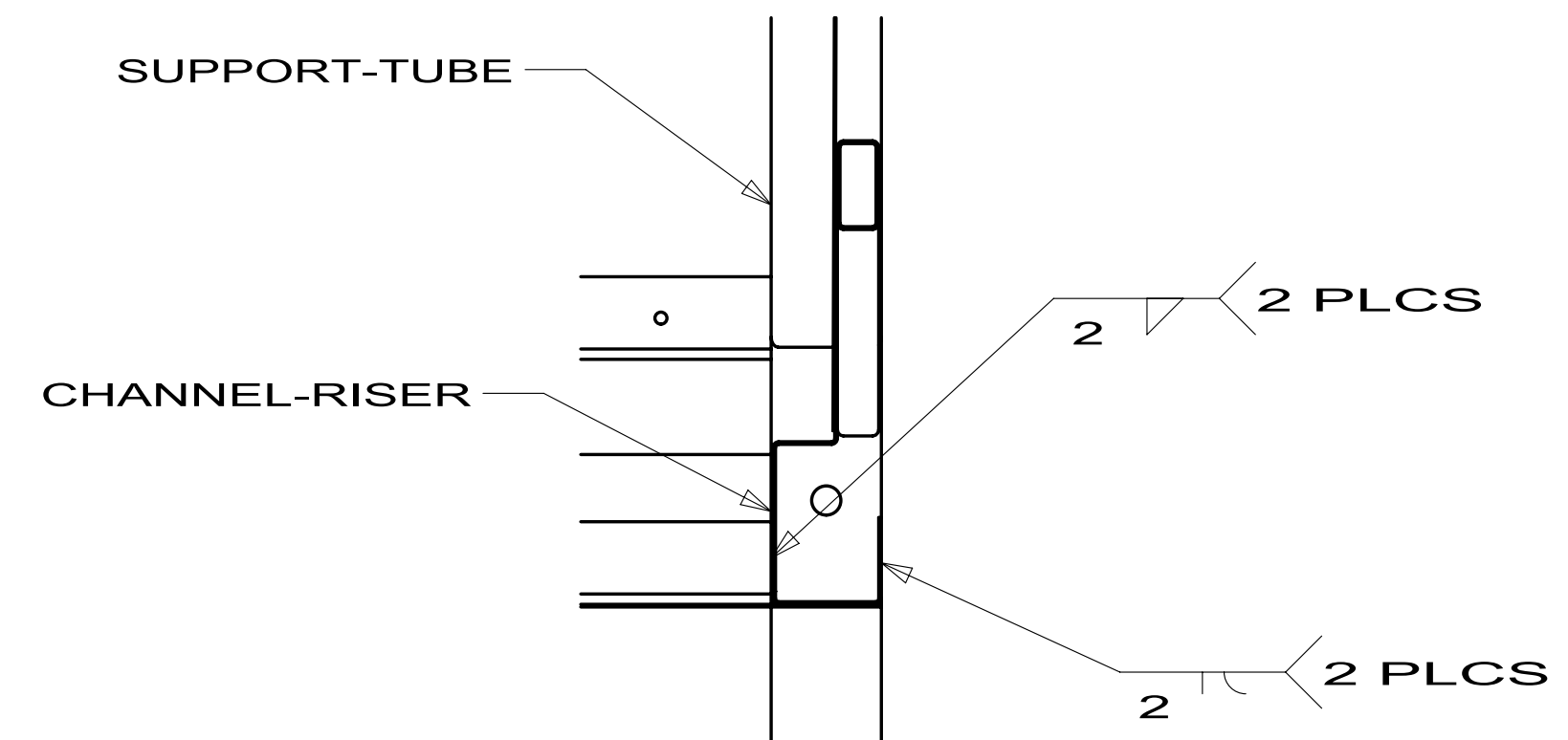
FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 3	PART NO	REV
	168875	



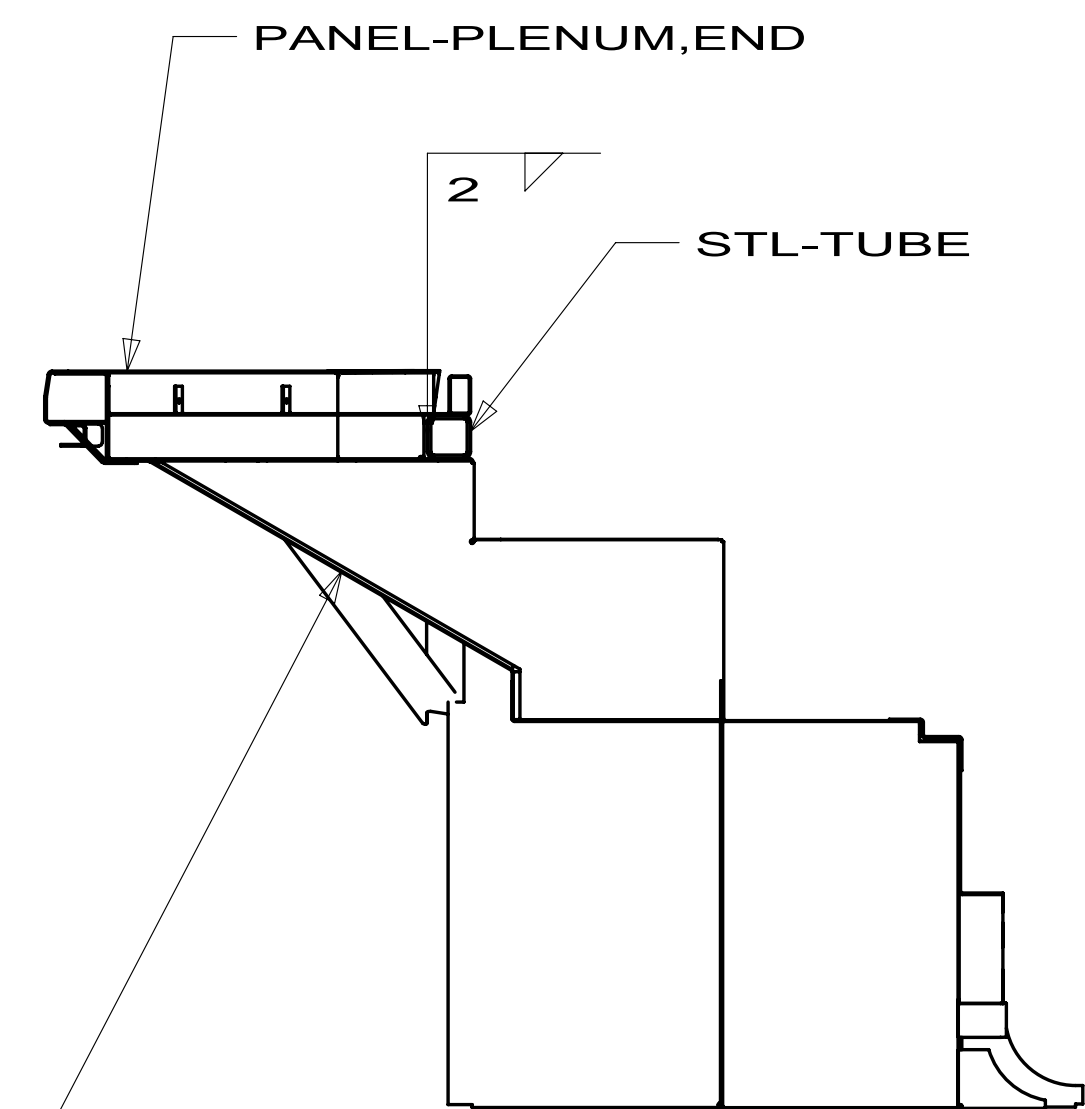
SECTION DA-DA



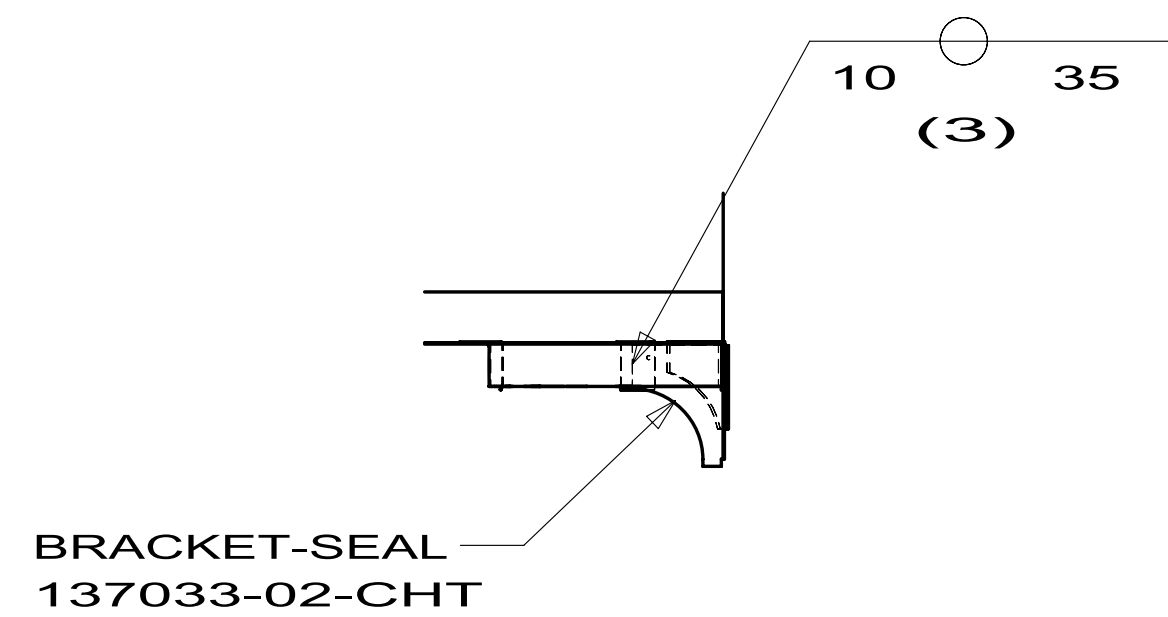
SECTION DB-DB



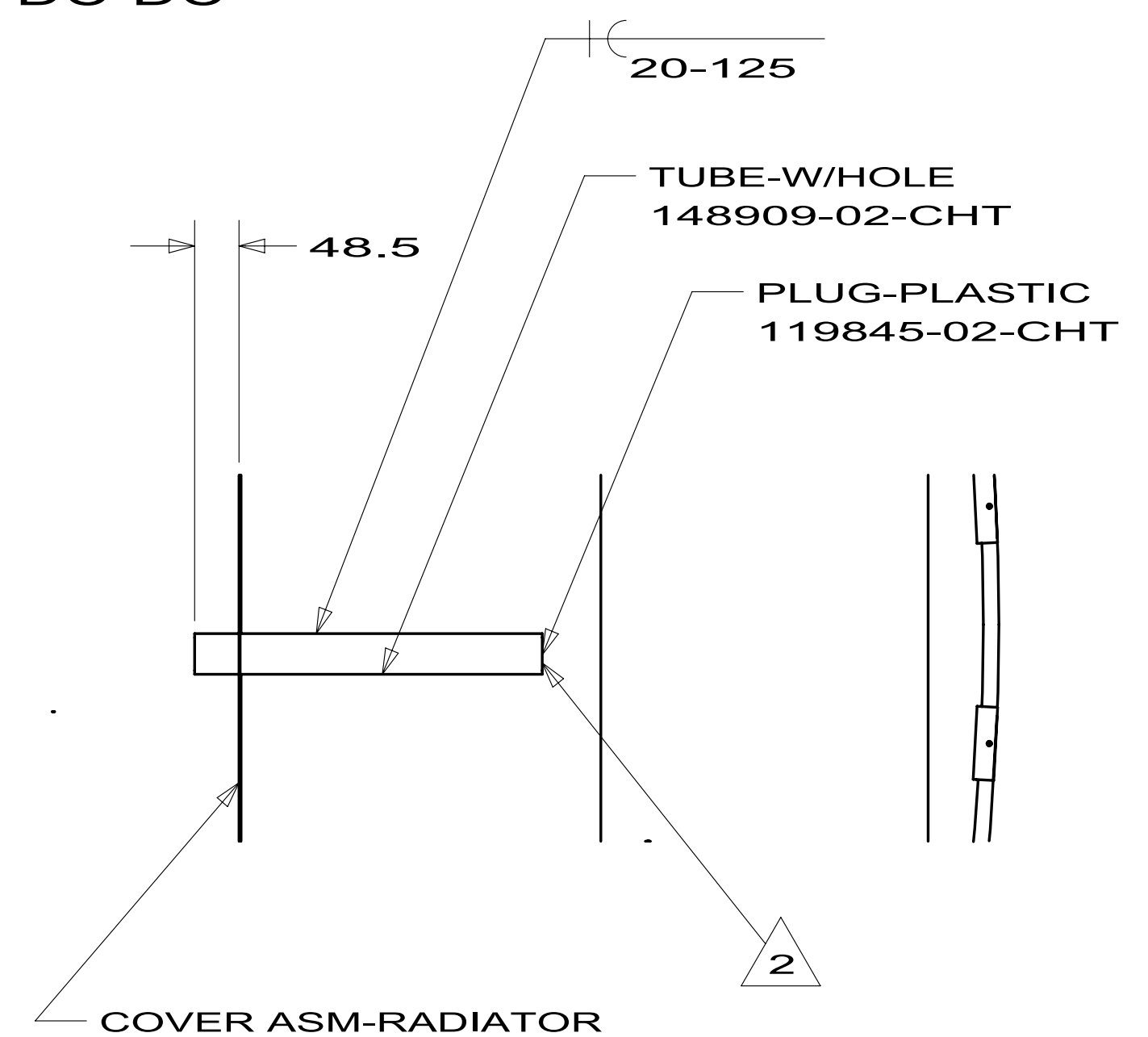
SECTION DC-DC



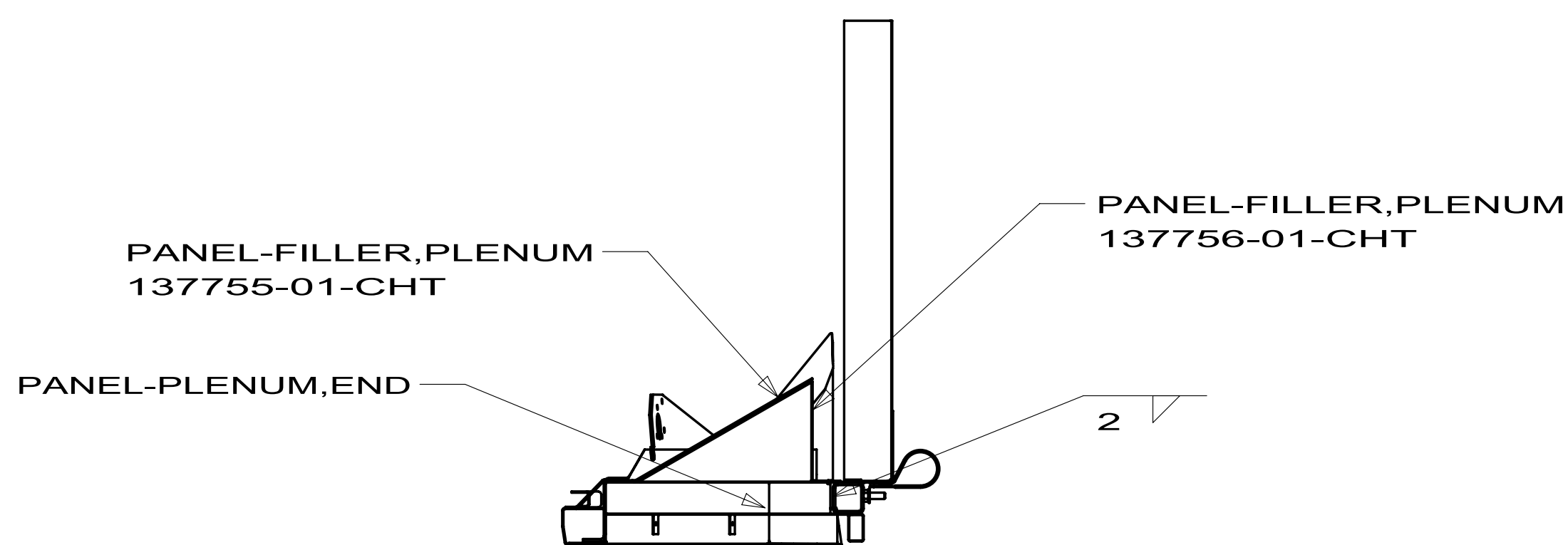
SECTION DD-DD



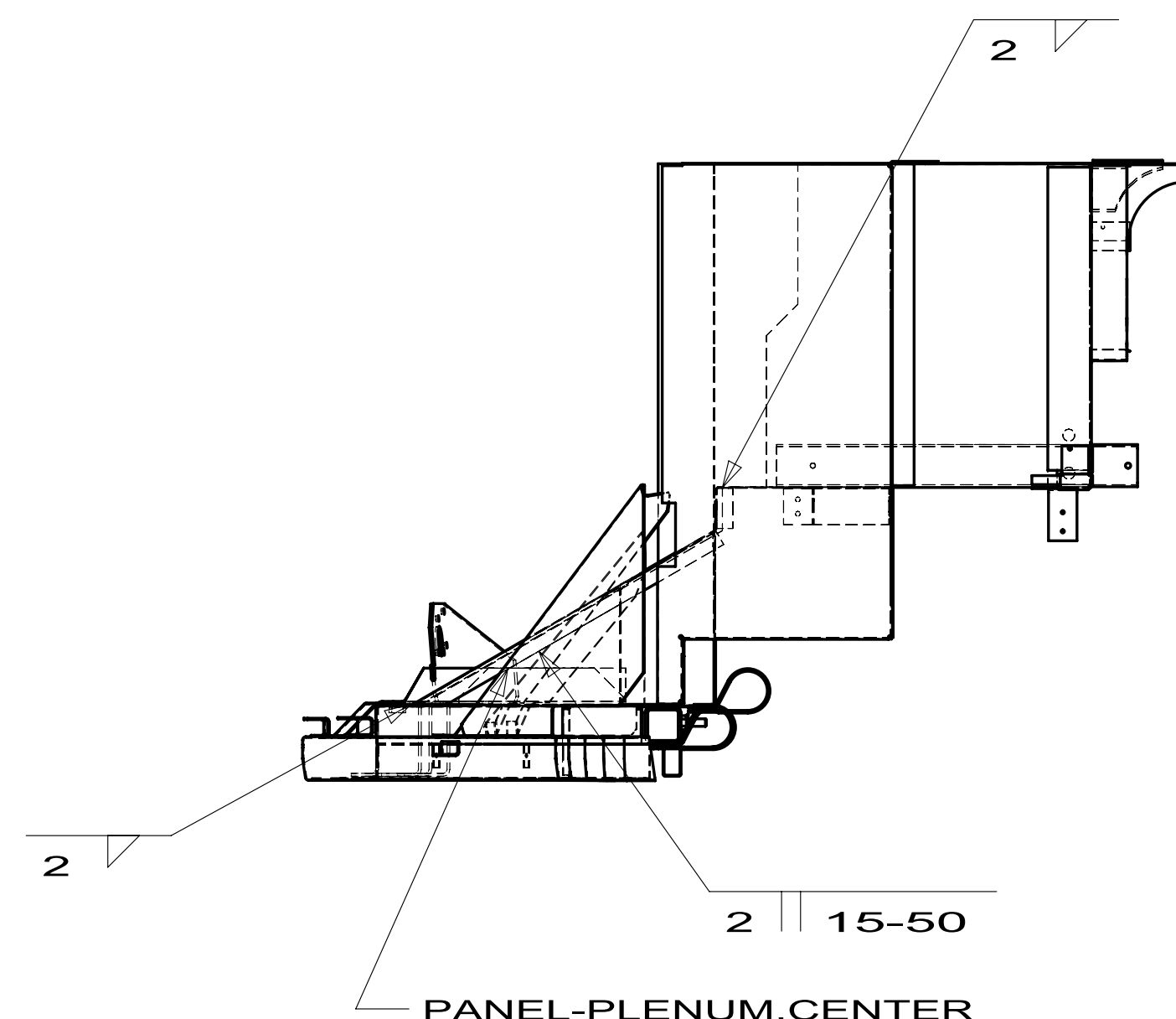
SECTION DF-DF



SECTION DH-DH



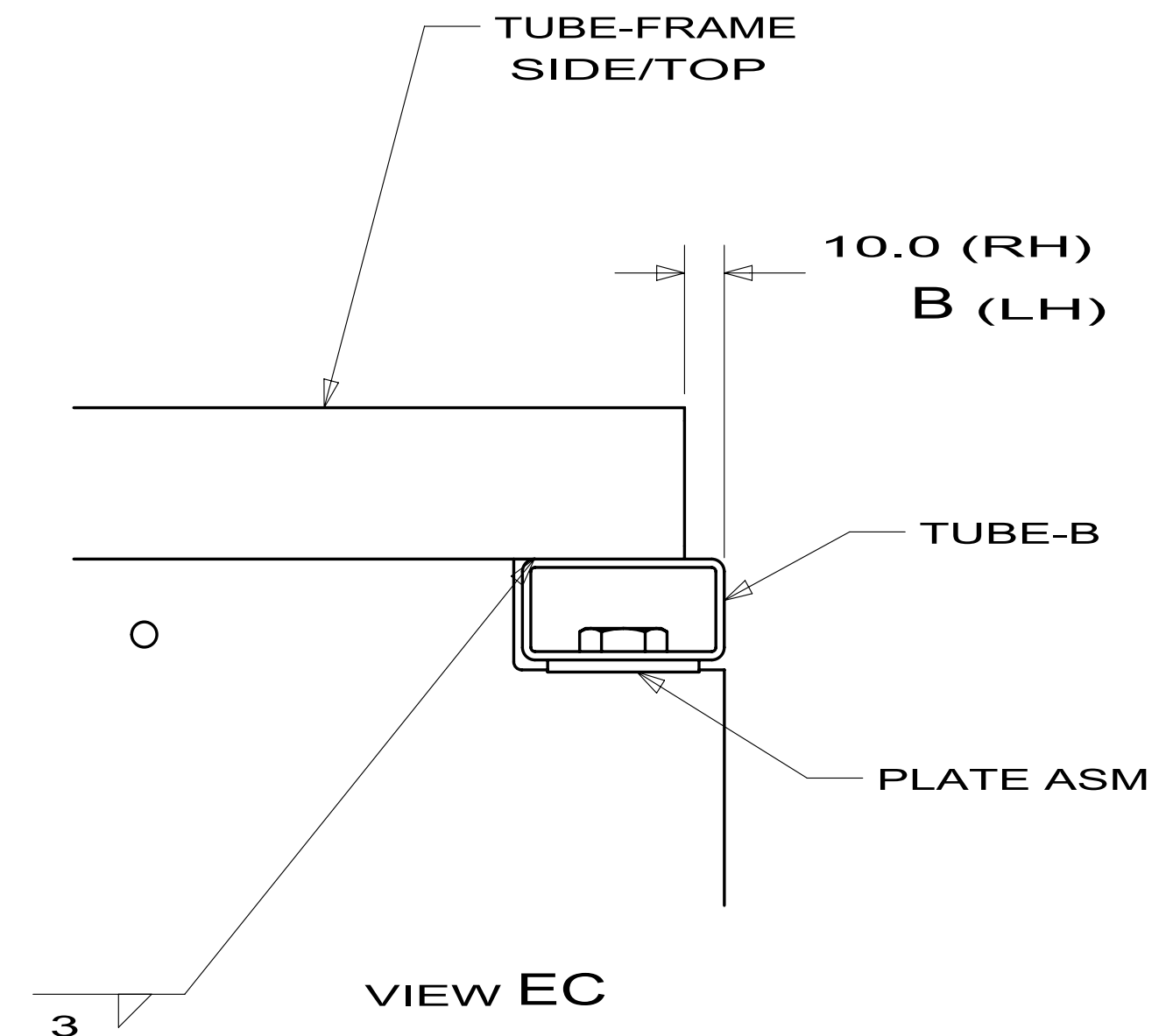
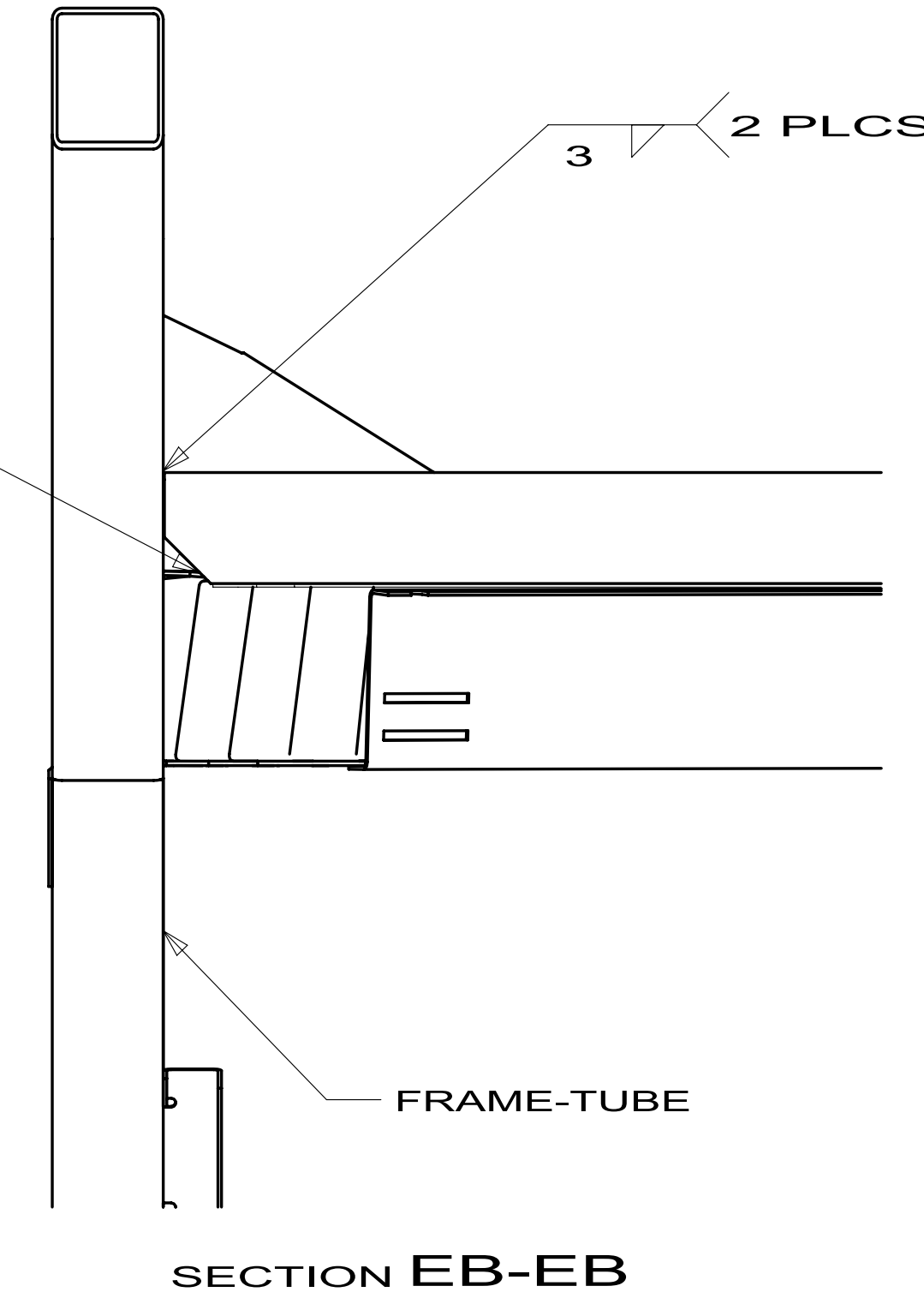
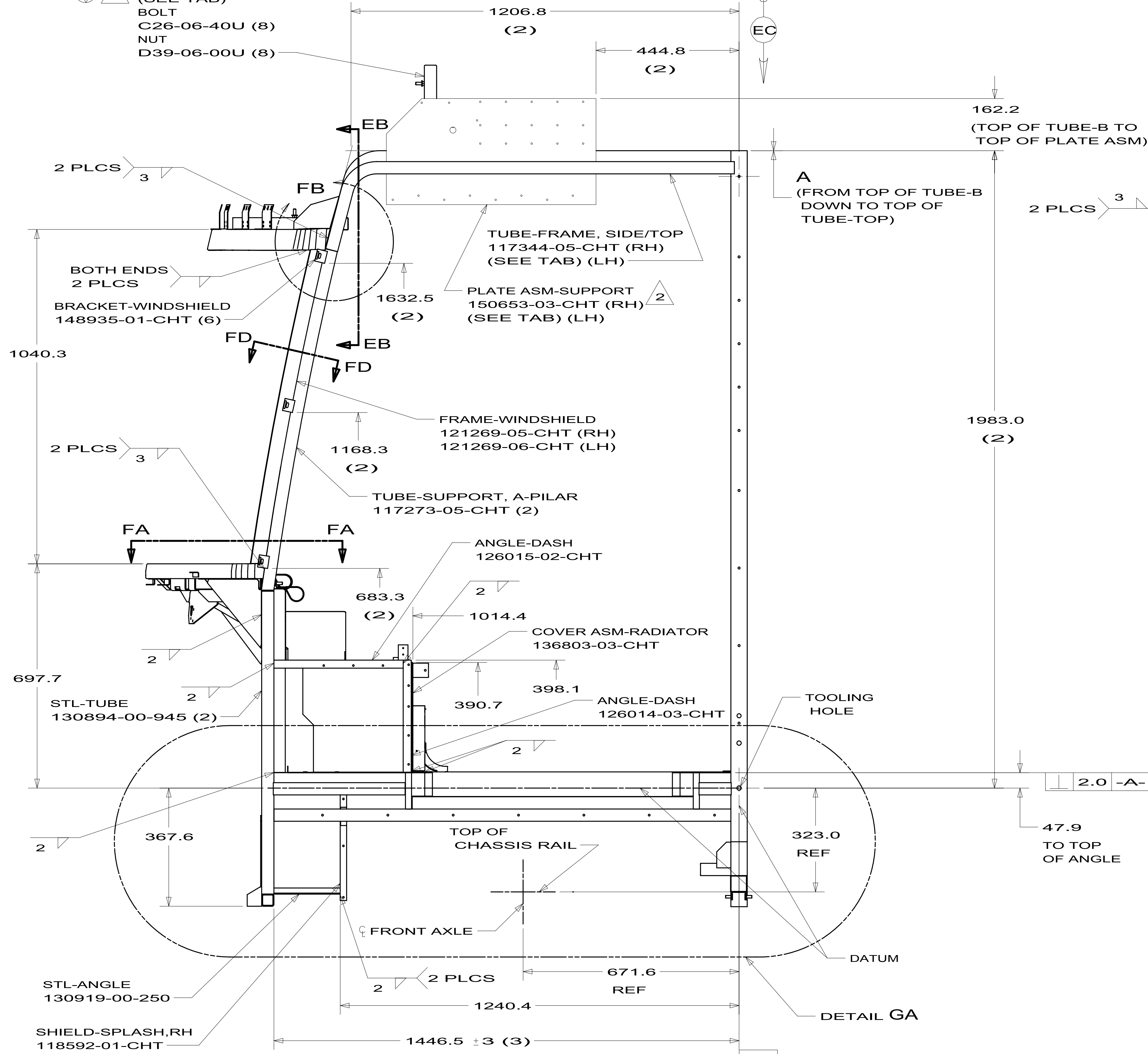
SECTION DE-DE



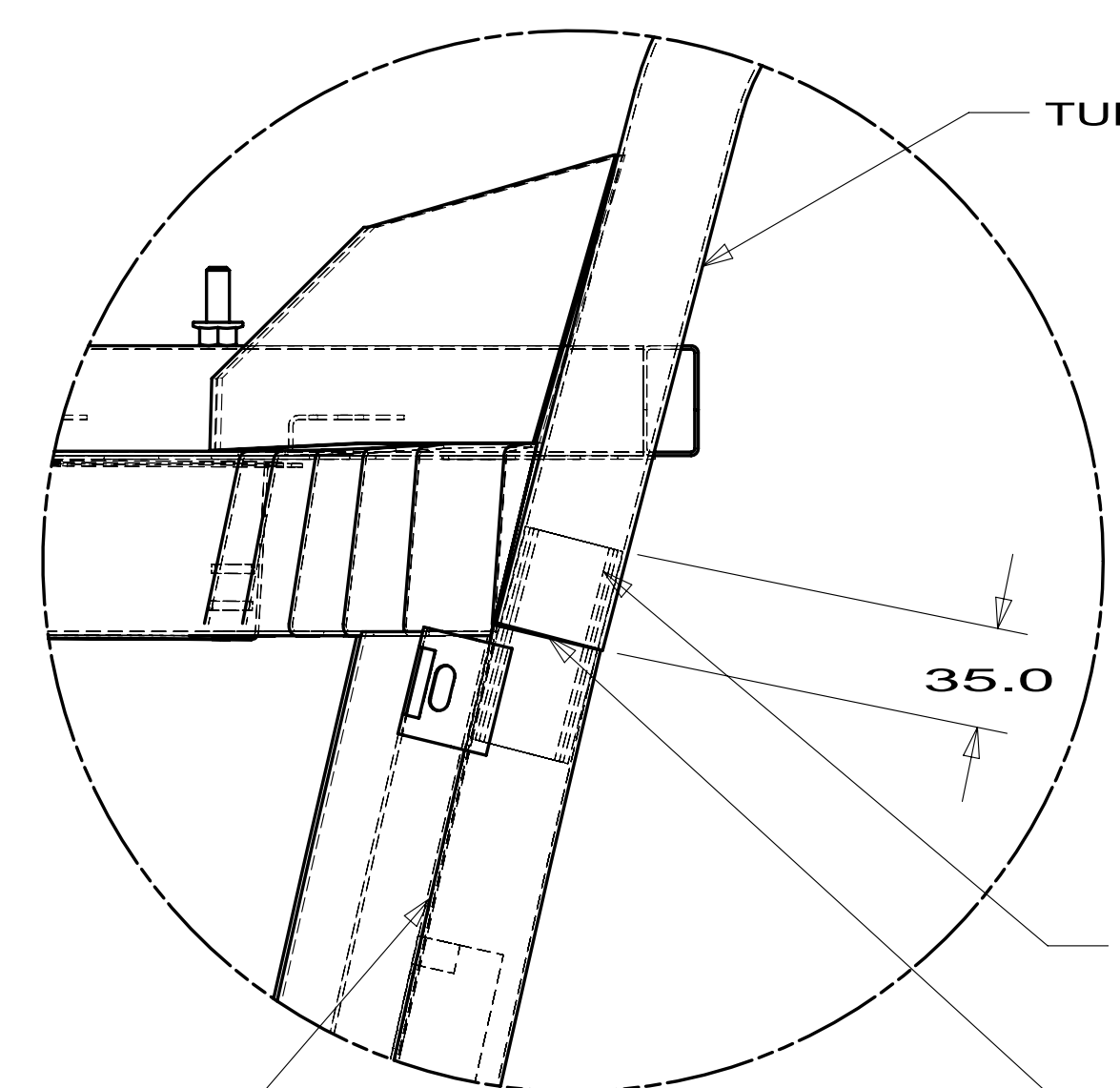
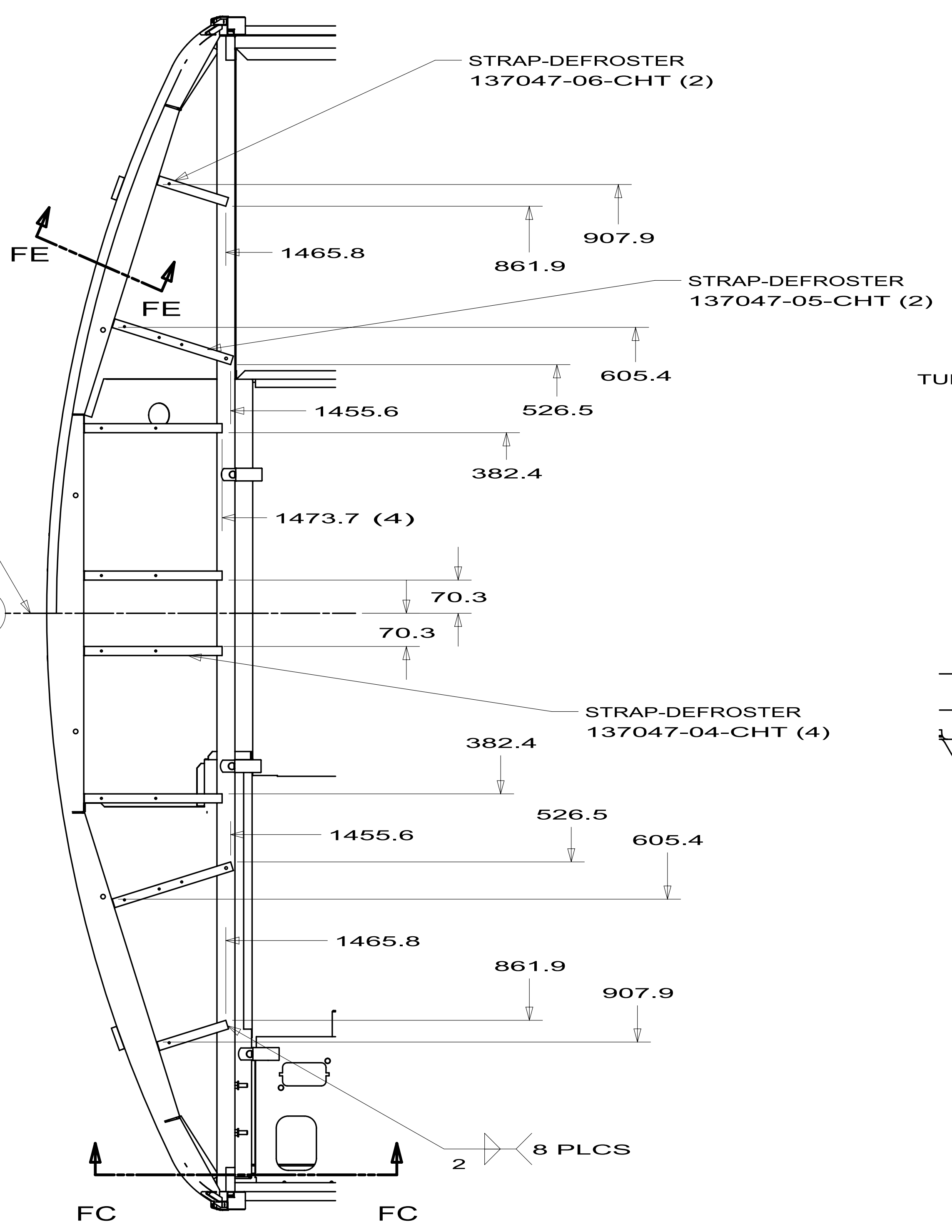
VIEW DG

FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 4	PART NO 168875	REV

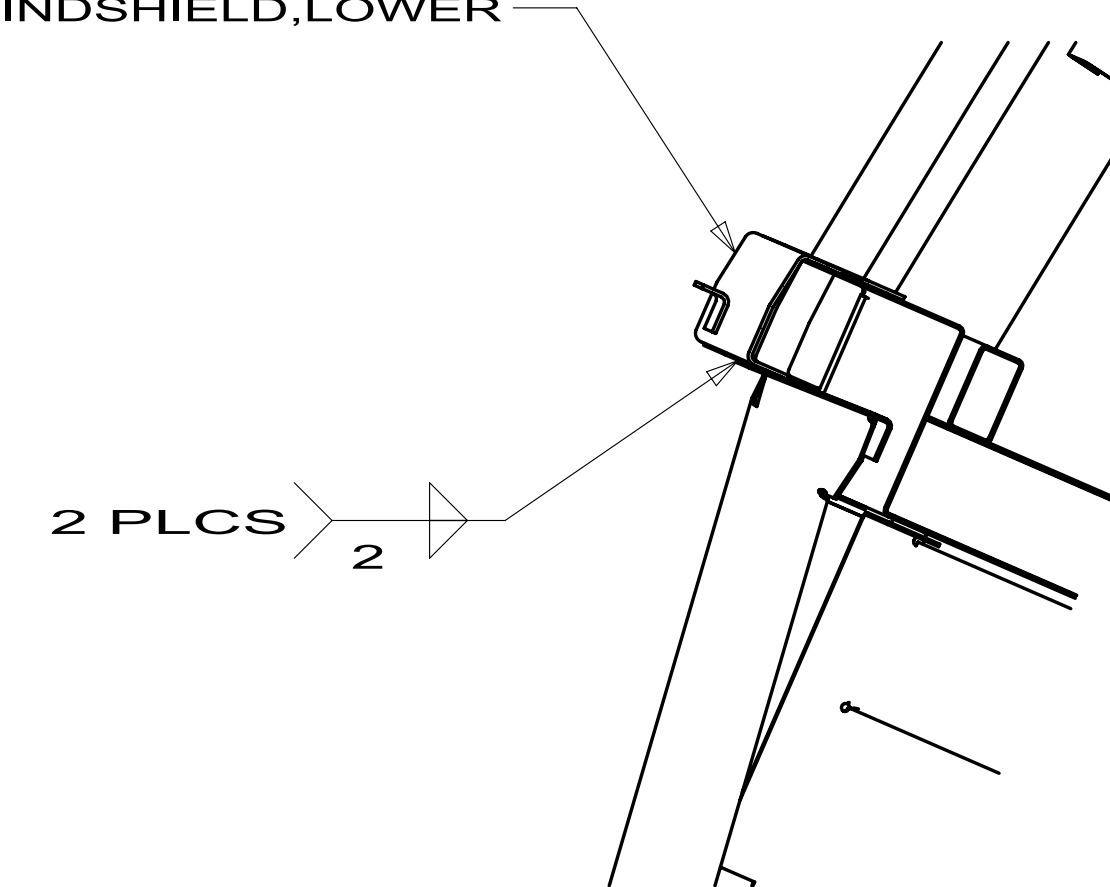
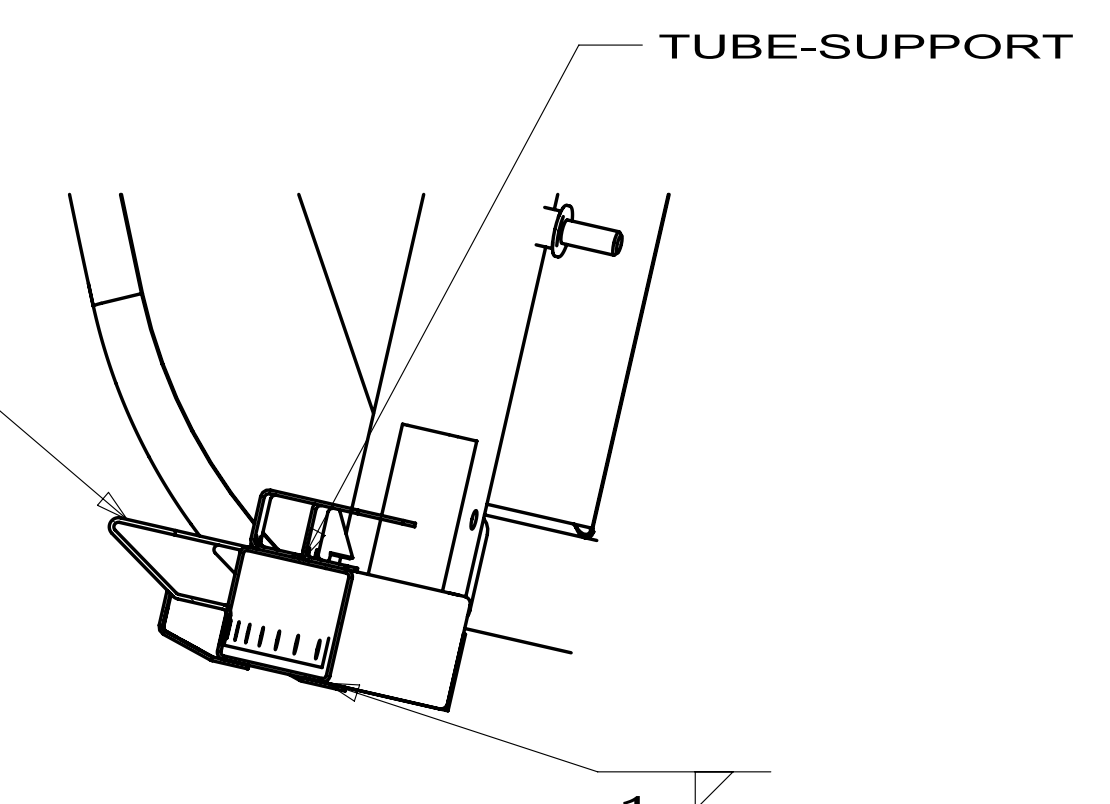
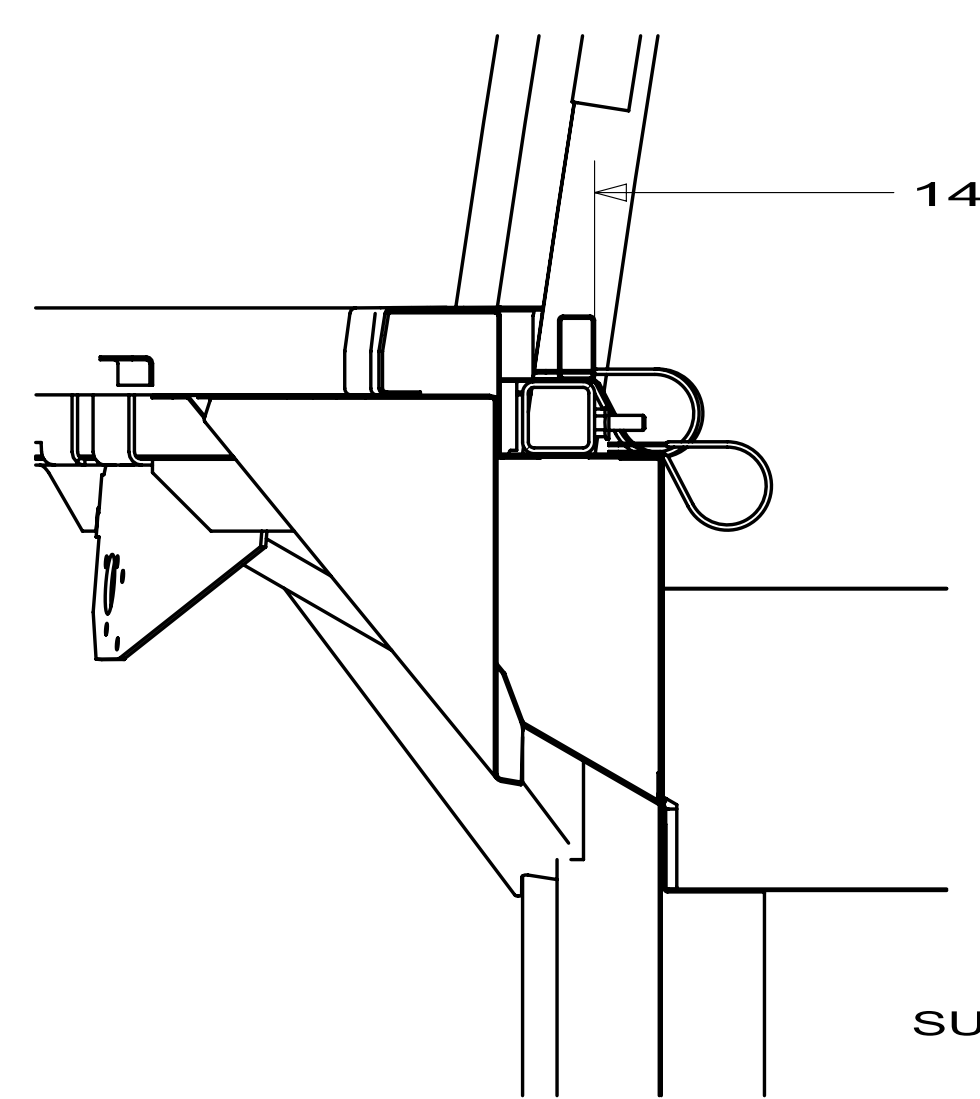
7
SUPPORT ASM-FRT,TV
(SEE TAB)
BOLT
C26-06-40U (8)
NUT
D39-06-00U (8)



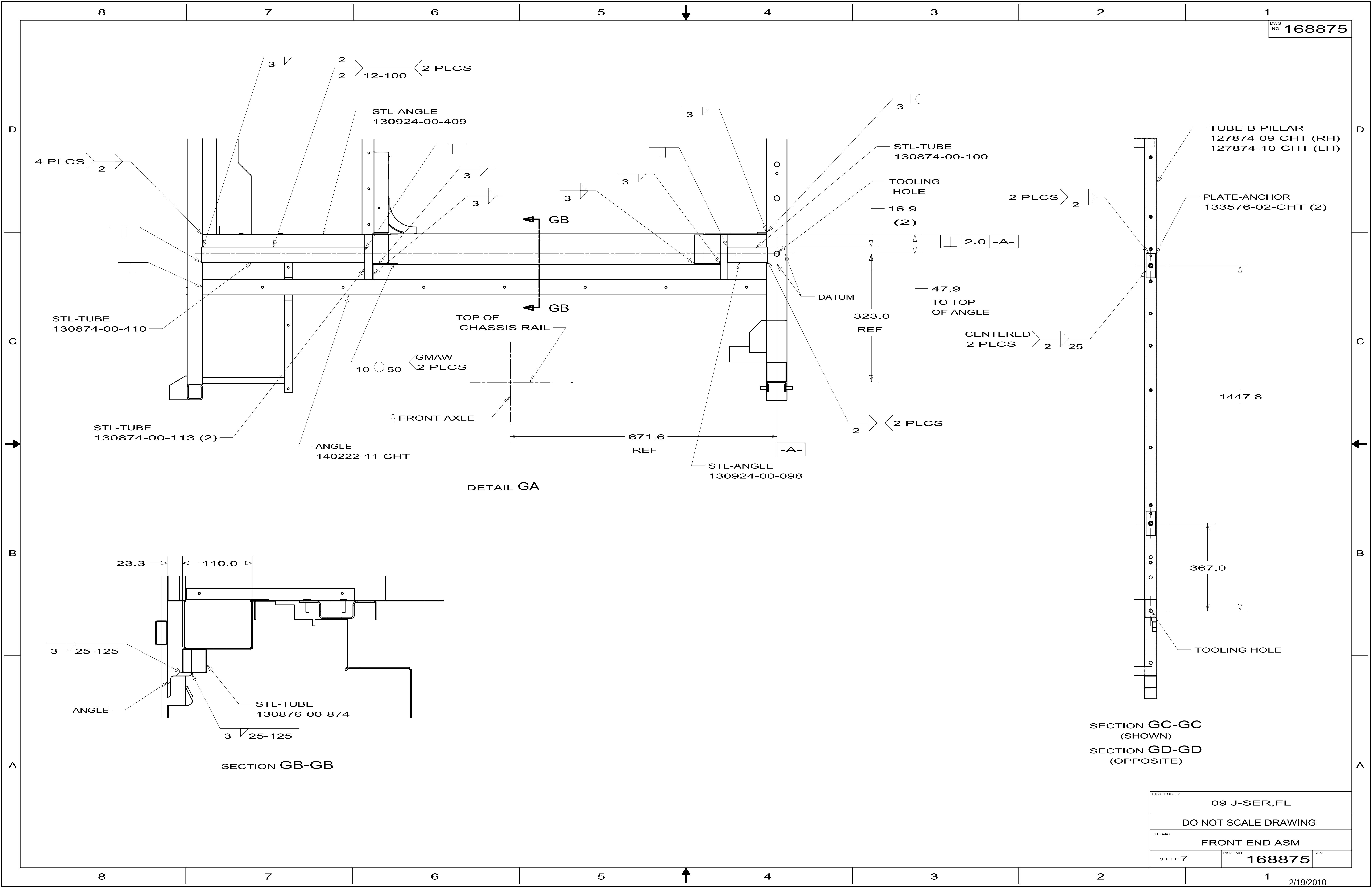
FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 5	PART NO	REV
	168875	



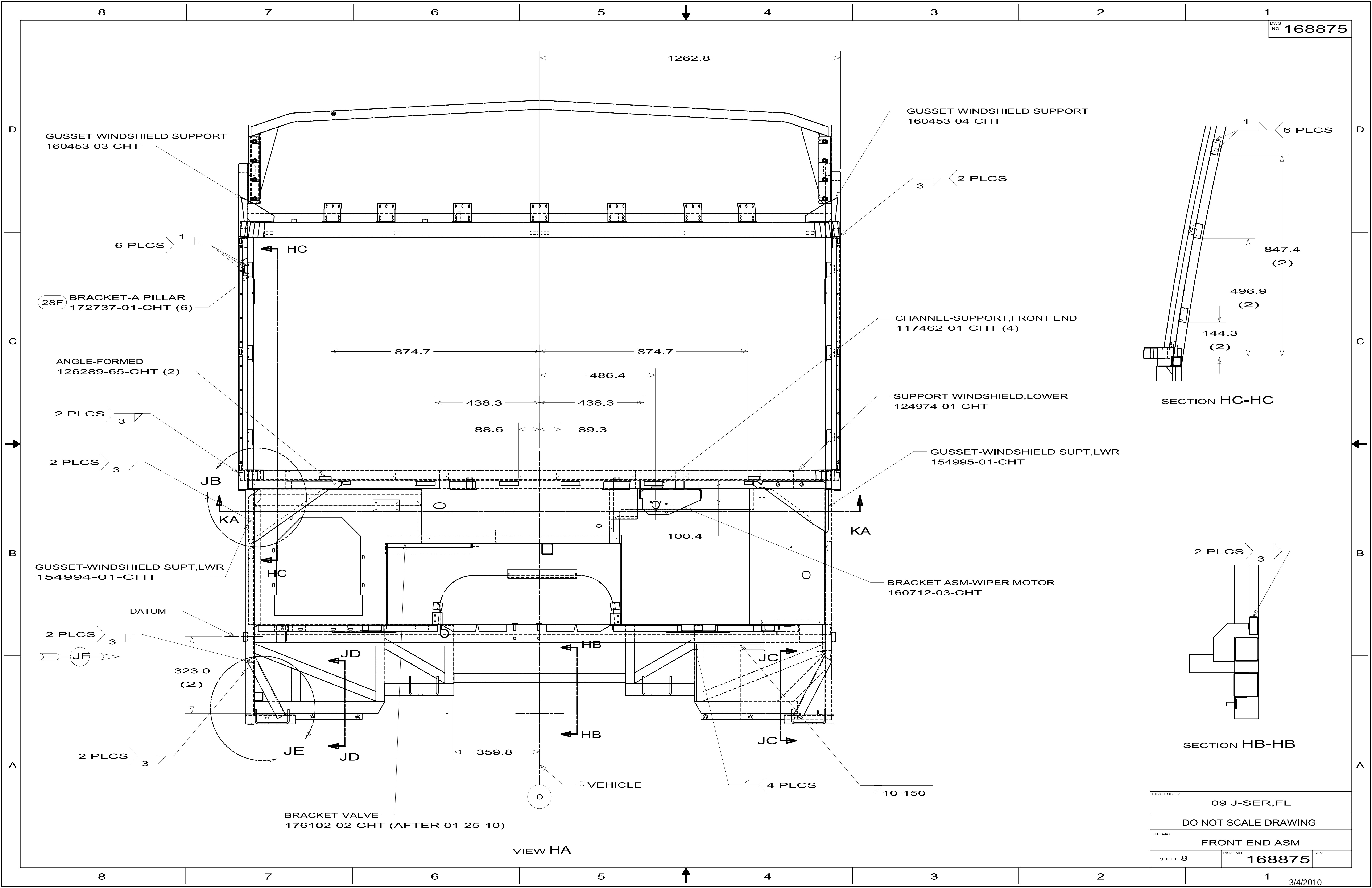
DETAIL FB



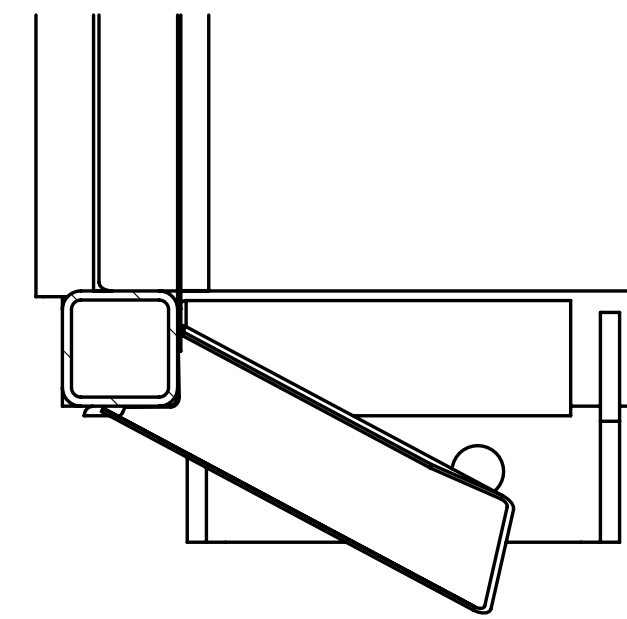
FIRST USED		09 J-SER,FL	
DO NOT SCALE DRAWING			
TITLE:		FRONT END ASM	
SHEET 6	PART NO	168875	REV



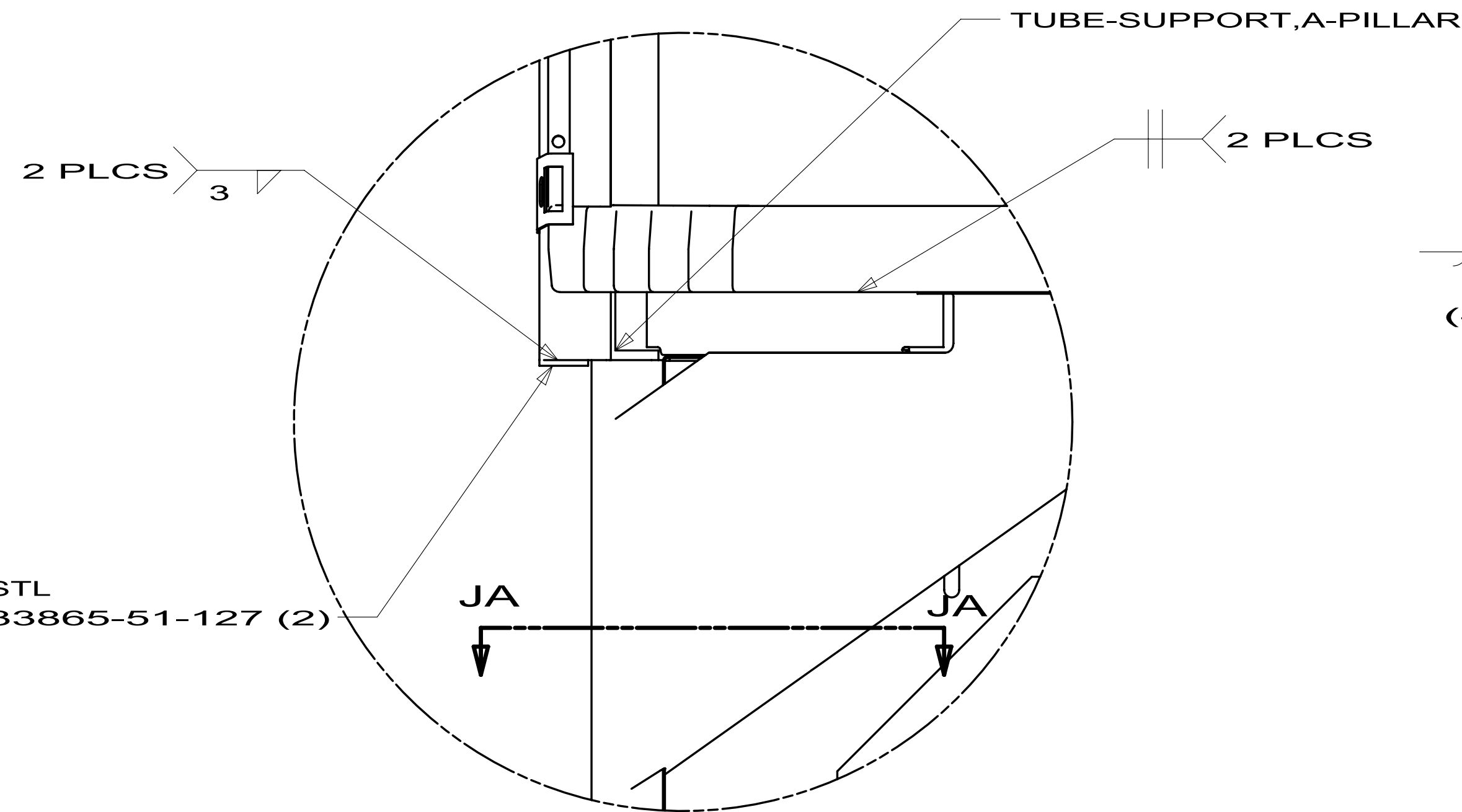
FIRST USED			
09 J-SER,FL			
DO NOT SCALE DRAWING			
TITLE: FRONT END ASM			
SHEET 7		PART NO 168875	REV



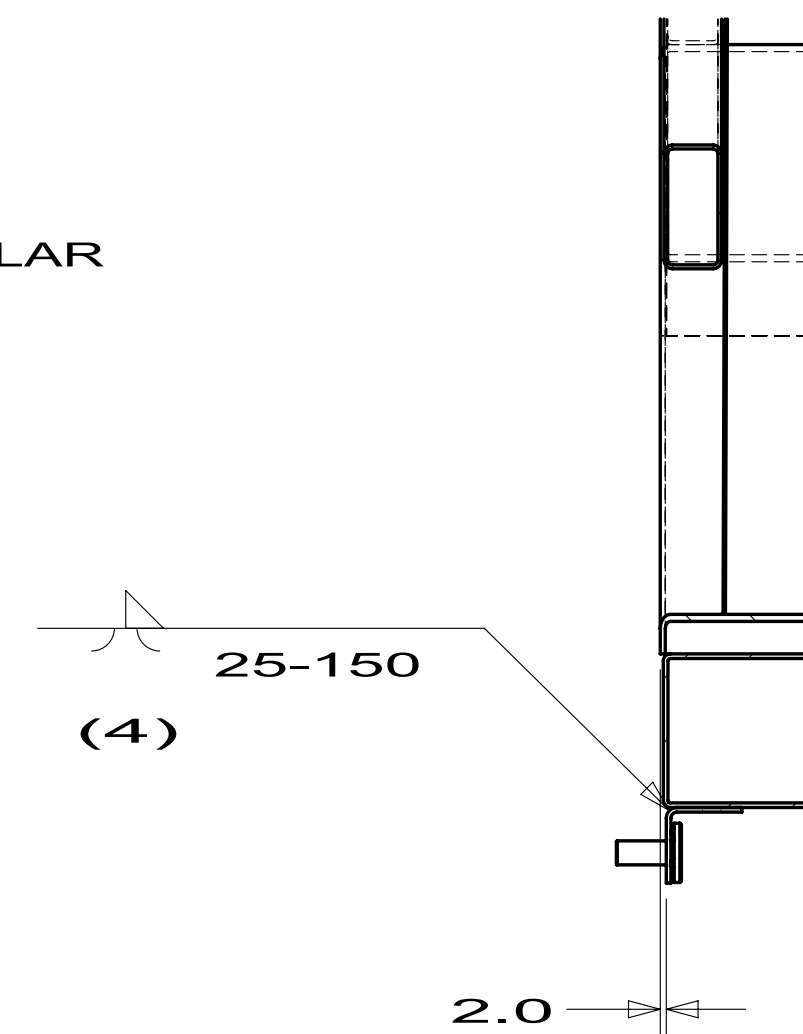
FIRST USED		
09 J-SER, FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 8	PART NO	REV
	168875	



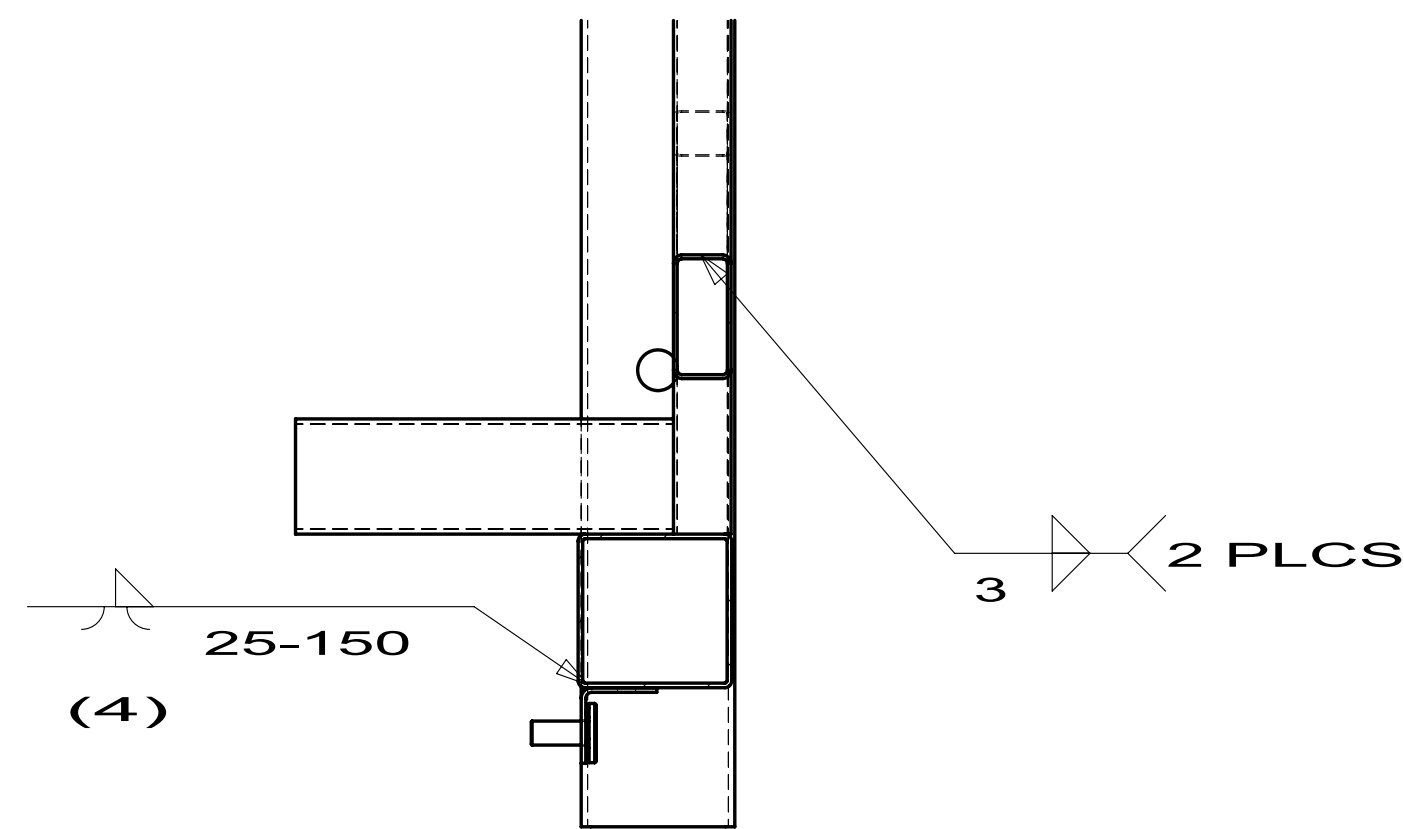
SECTION JA-JA



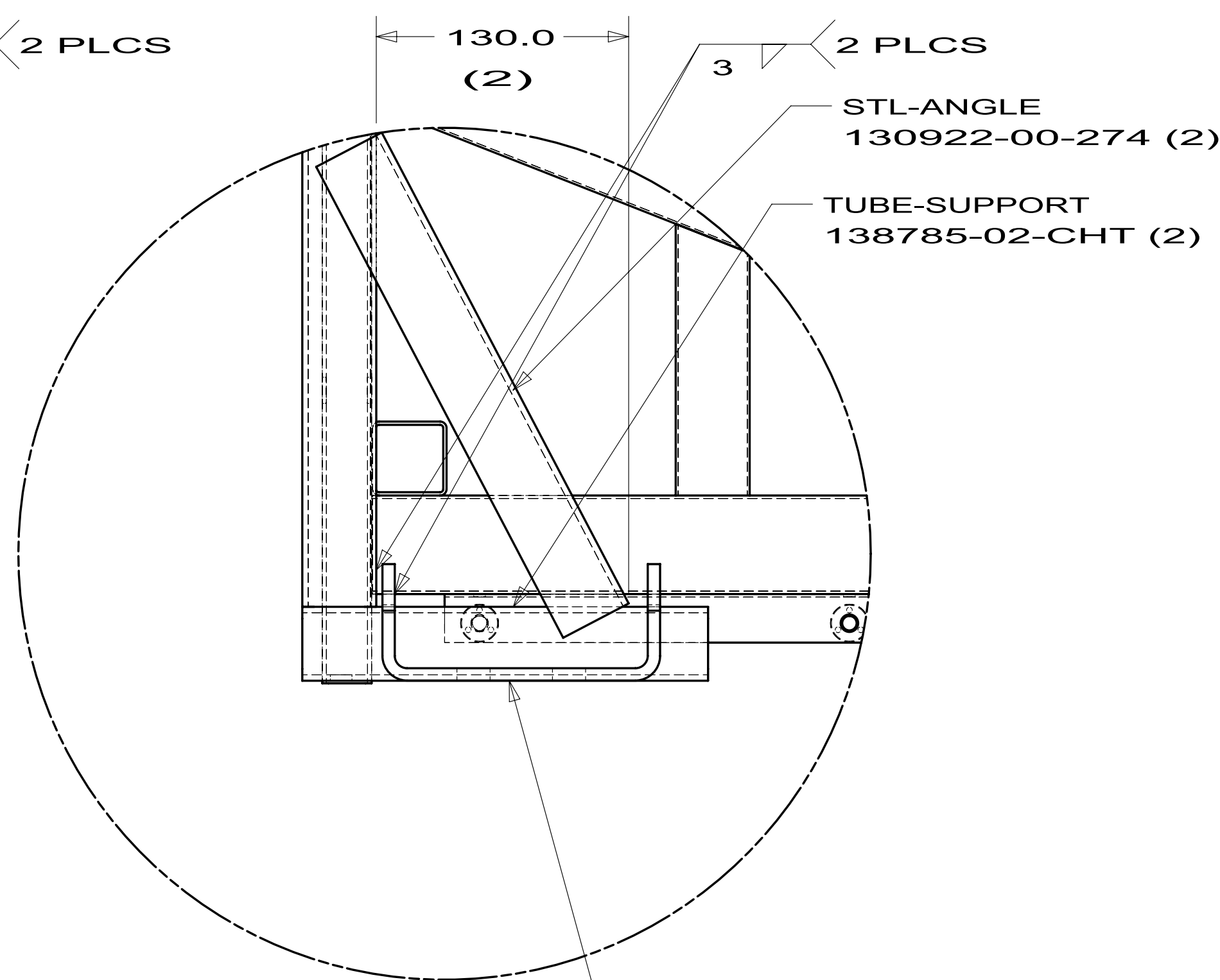
DETAIL JB



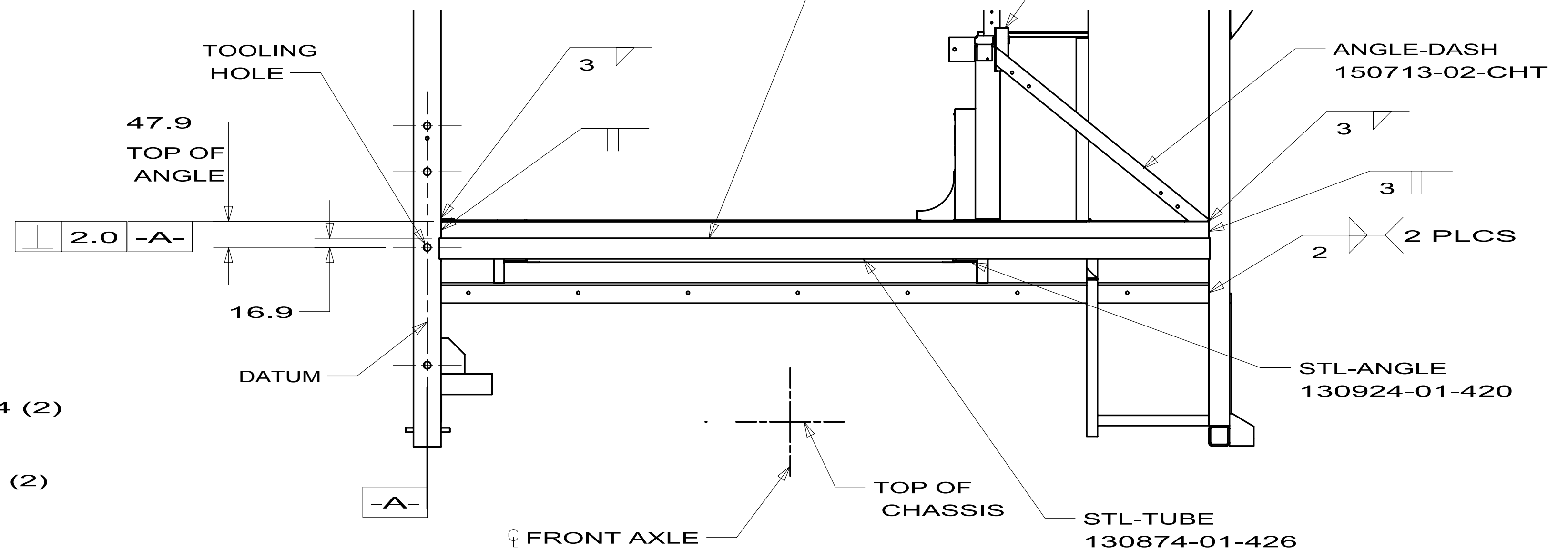
SECTION JC-JC



SECTION JD-JD

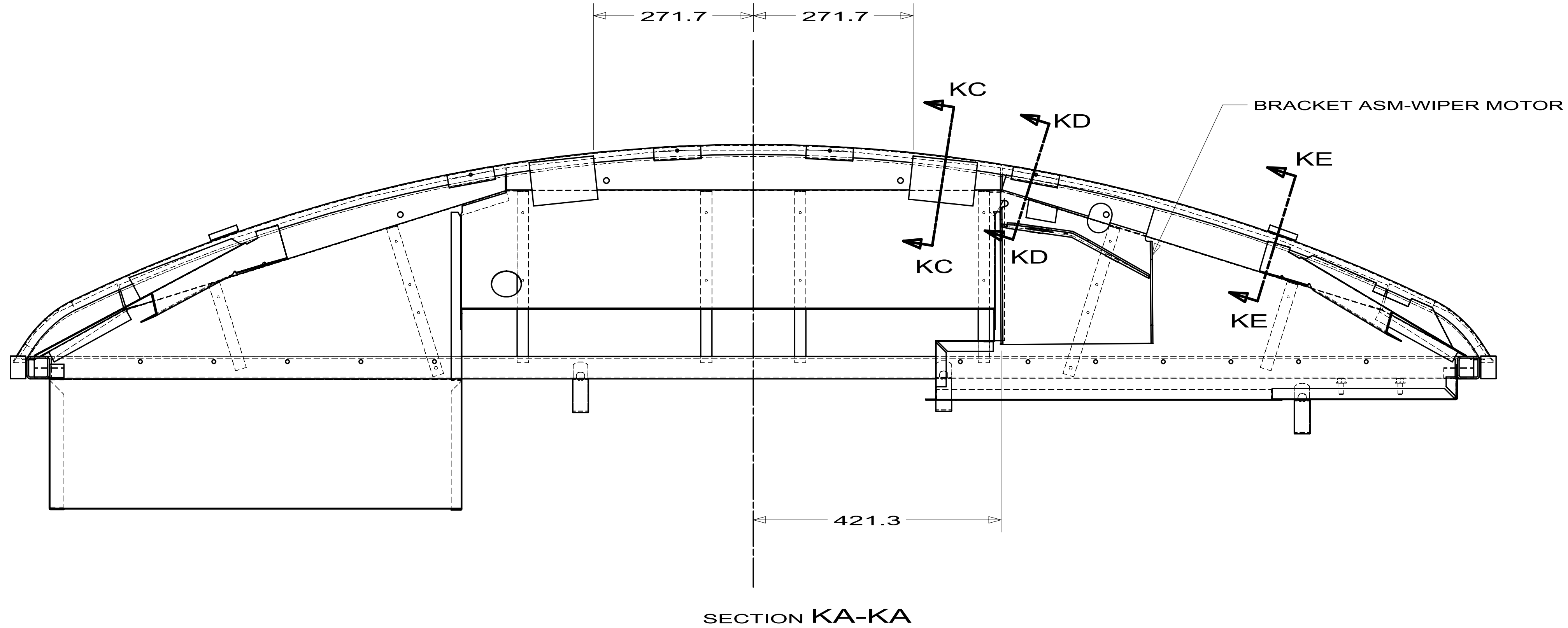


DETAIL JE

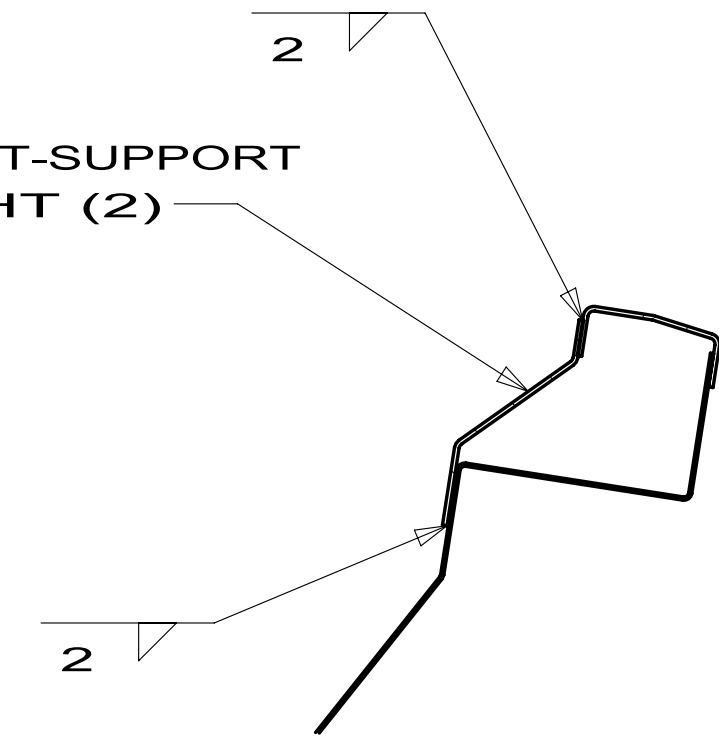


VIEW JF

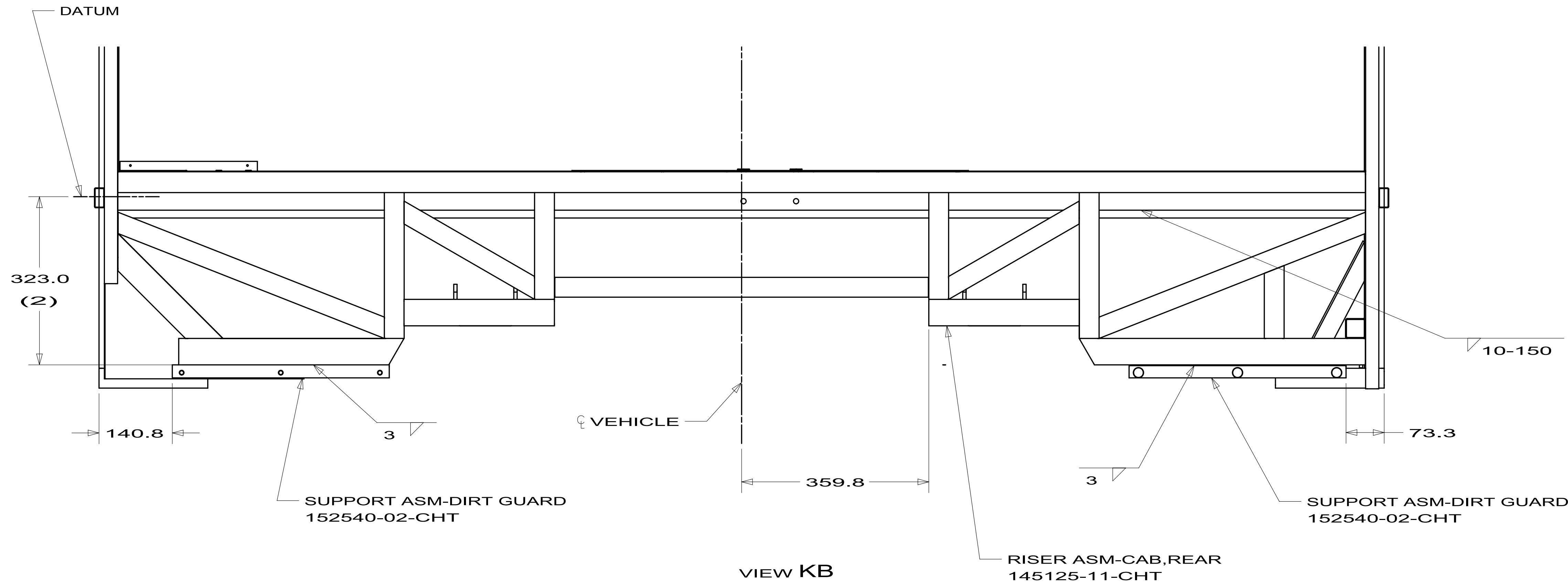
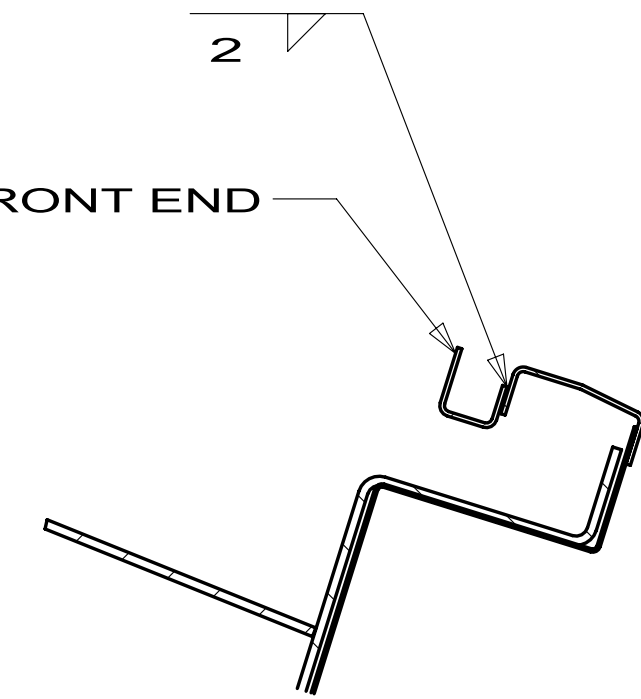
FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 9	PART NO 168875	REV



REINFORCEMENT-SUPPORT
134202-01-CHT (2)



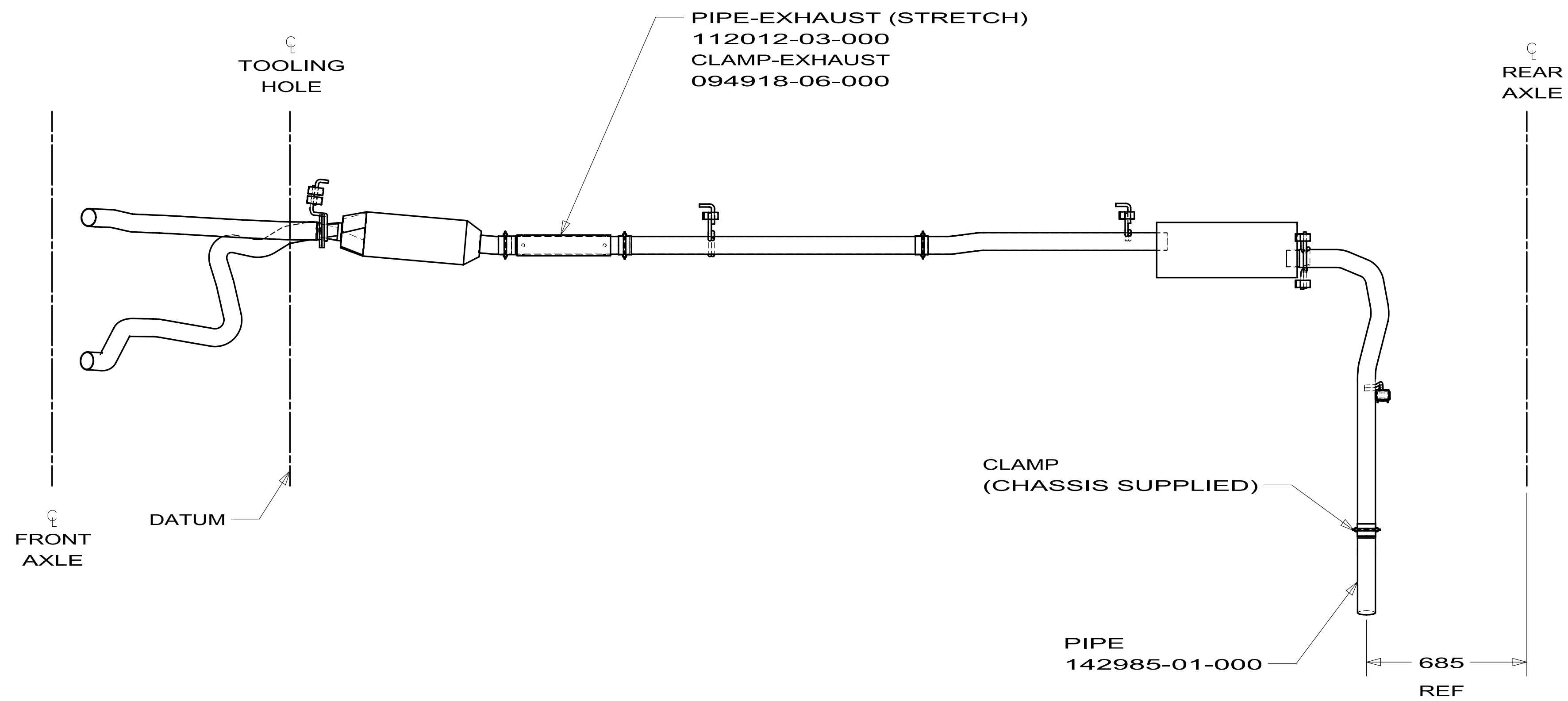
CHANNEL-SUPPORT, FRONT END



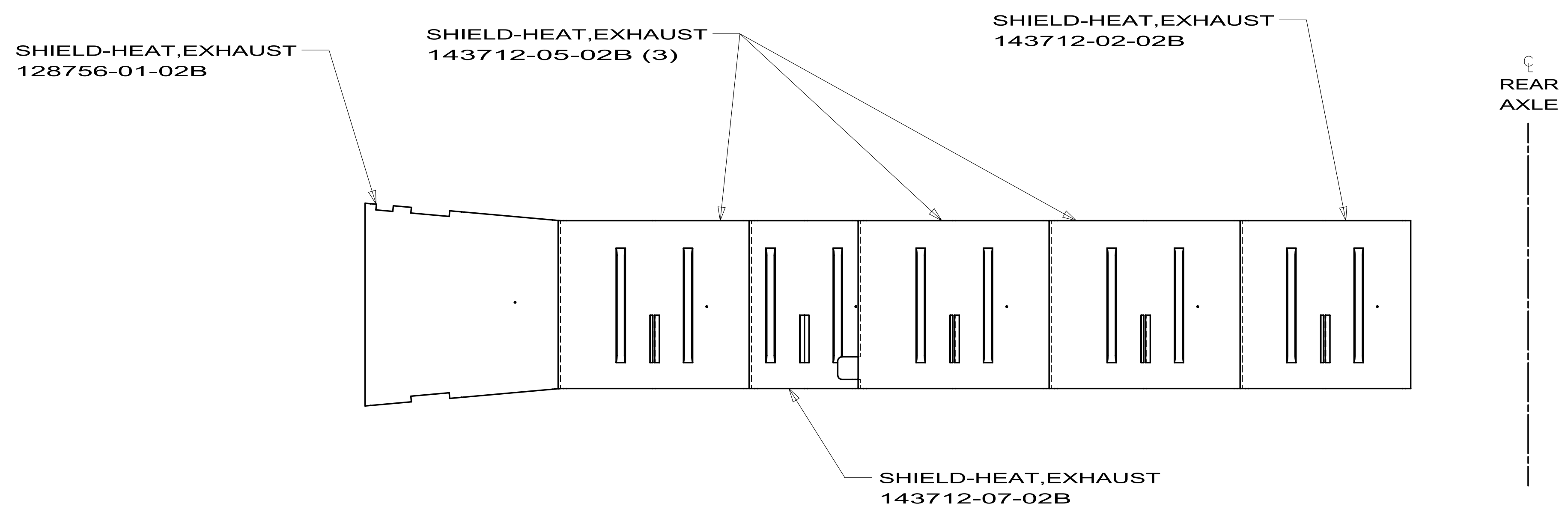
ANGLE-FORMED 25.9

SECTION KE-KE
(2 PLCS)

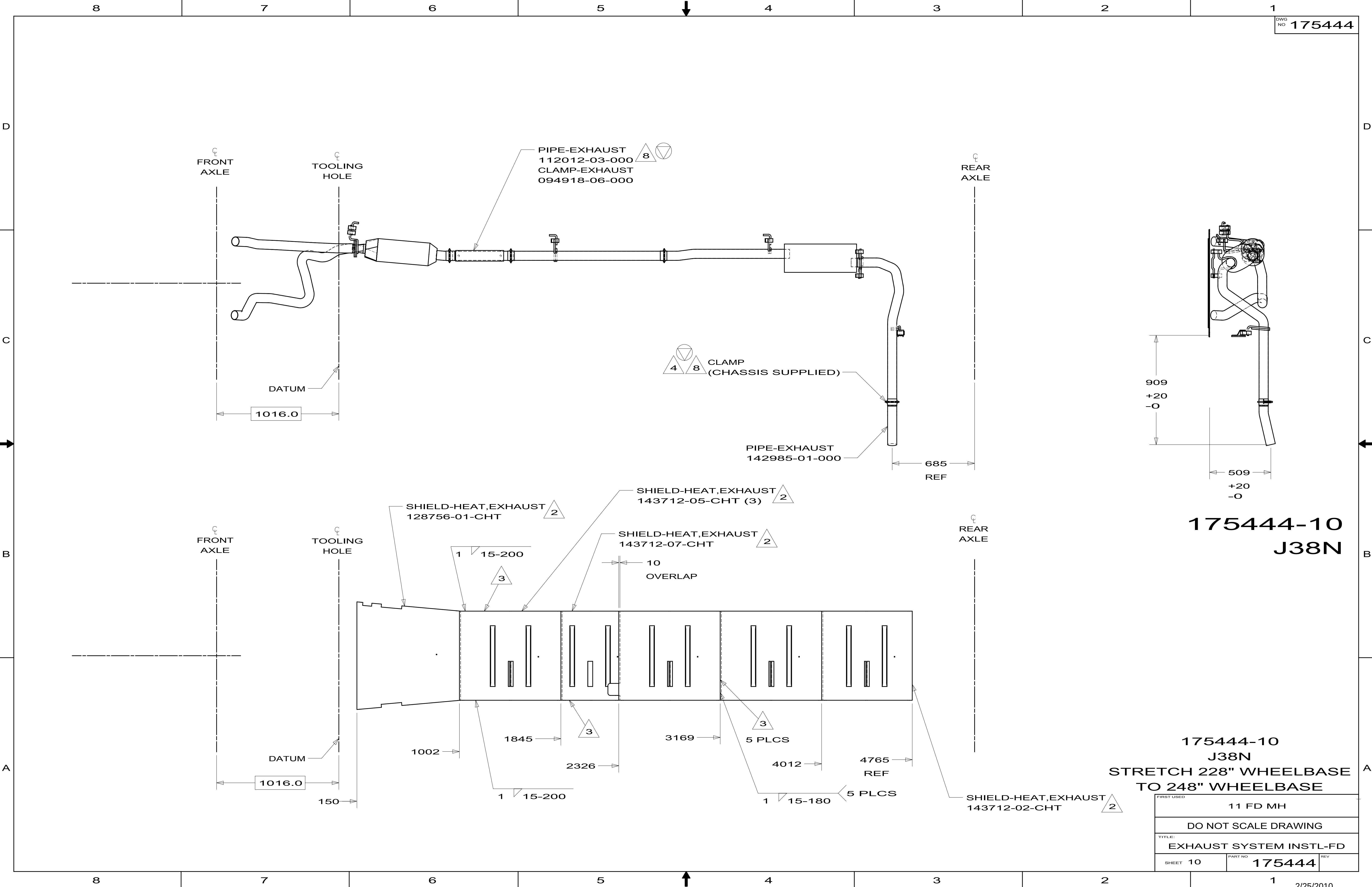
FIRST USED		
09 J-SER, FL		
DO NOT SCALE DRAWING		
TITLE:		
FRONT END ASM		
SHEET 10	PART NO	REV
	168875	

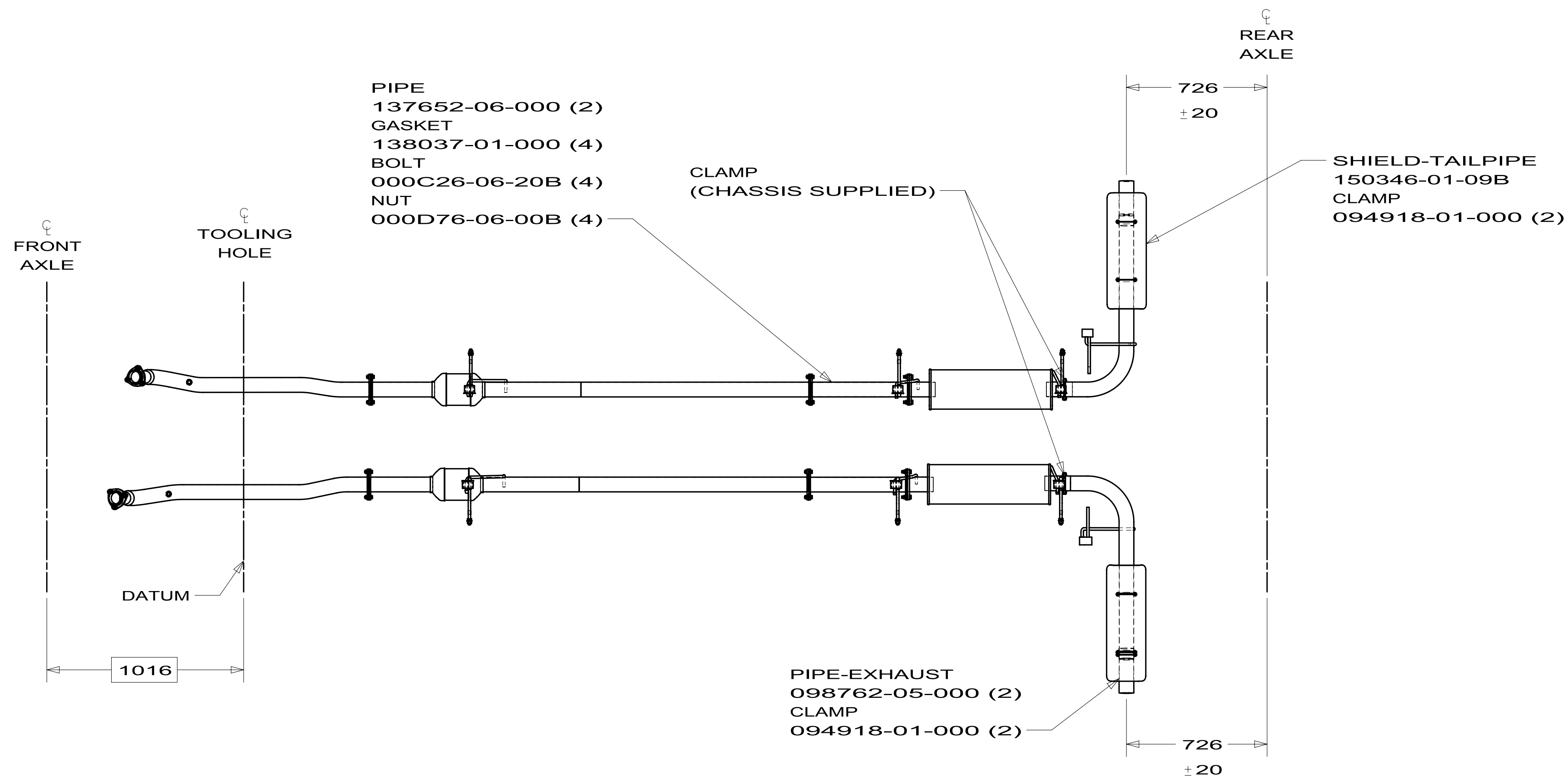


D37L,J38N
167164-09

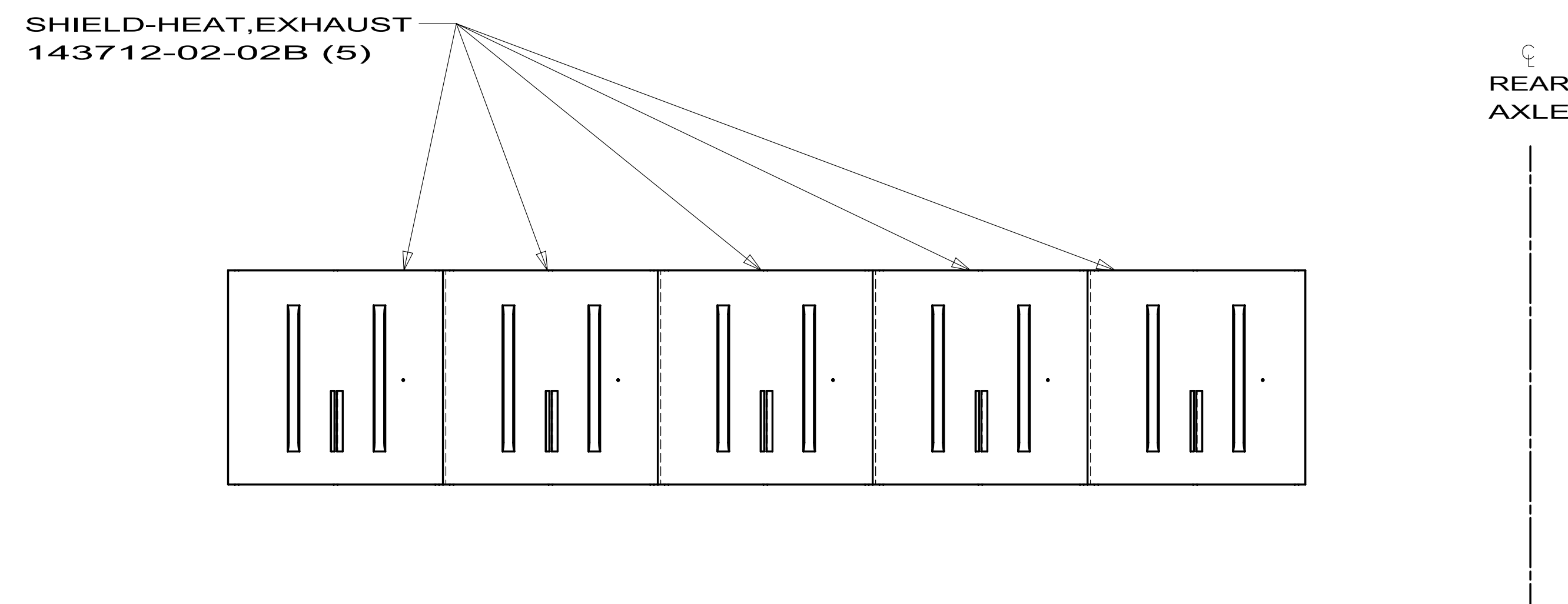


STRETCH 228" WHEELBASE
TO 248" WHEELBASE





J38N
167341-08

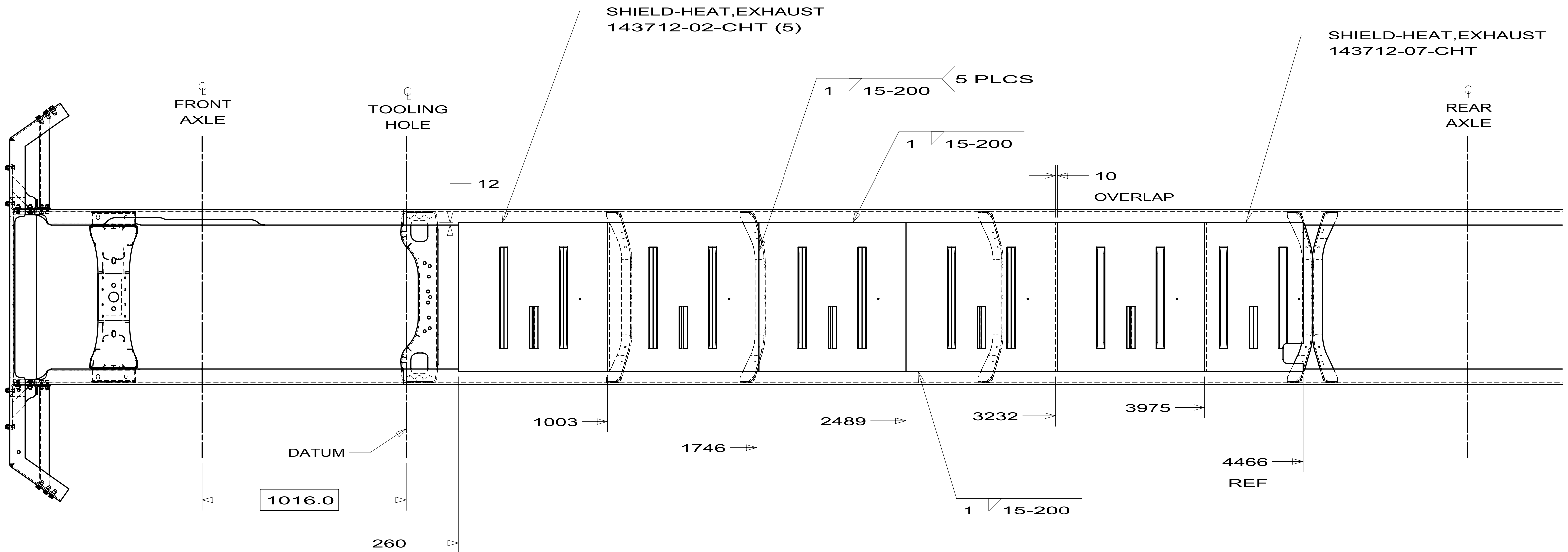
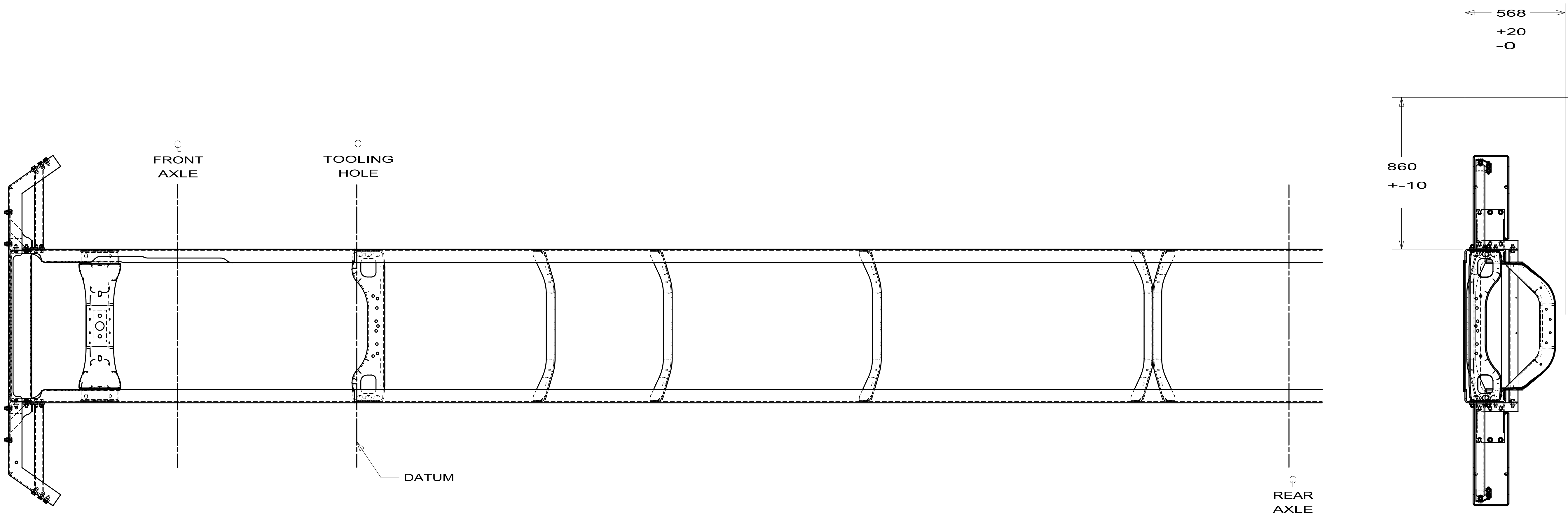


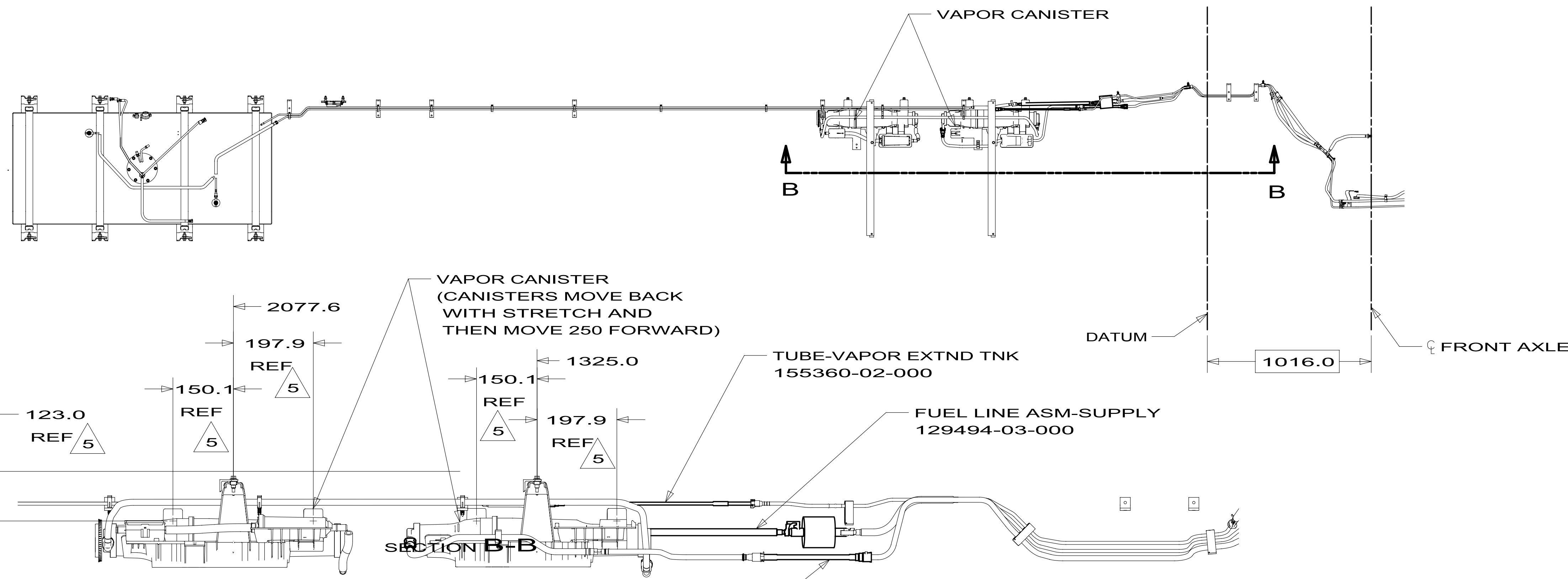
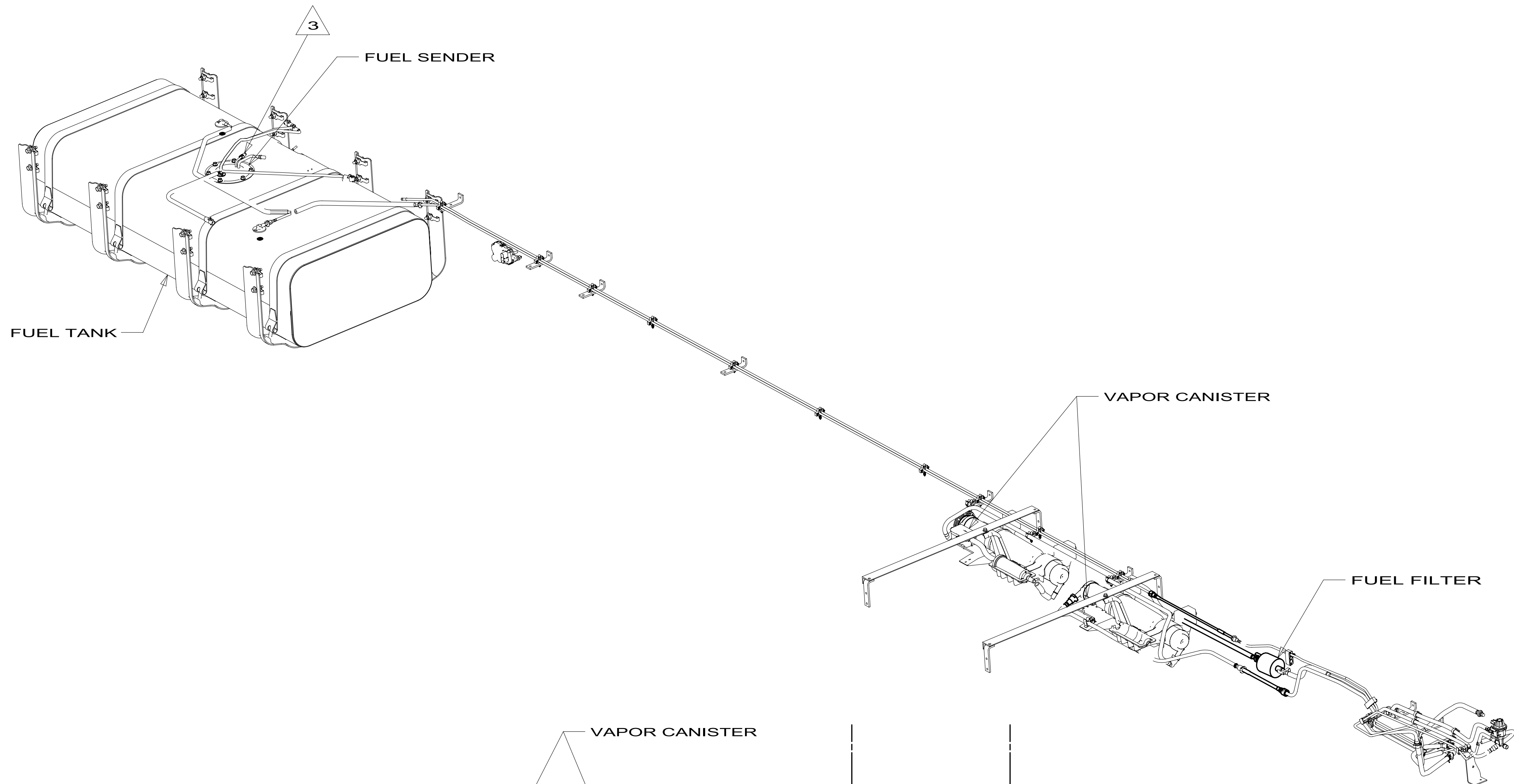
STRETCH 228" WHEELBASE
TO 248" WHEELBASE

J37F
J38N

248" WHEELBASE

FIRST USED		09 J-SER,FL
DO NOT SCALE DRAWING		
TITLE:		EXHAUST SYSTEM INSTL
SHEET 3	PART NO	168983





D37L
J37F
J38N
155029-05

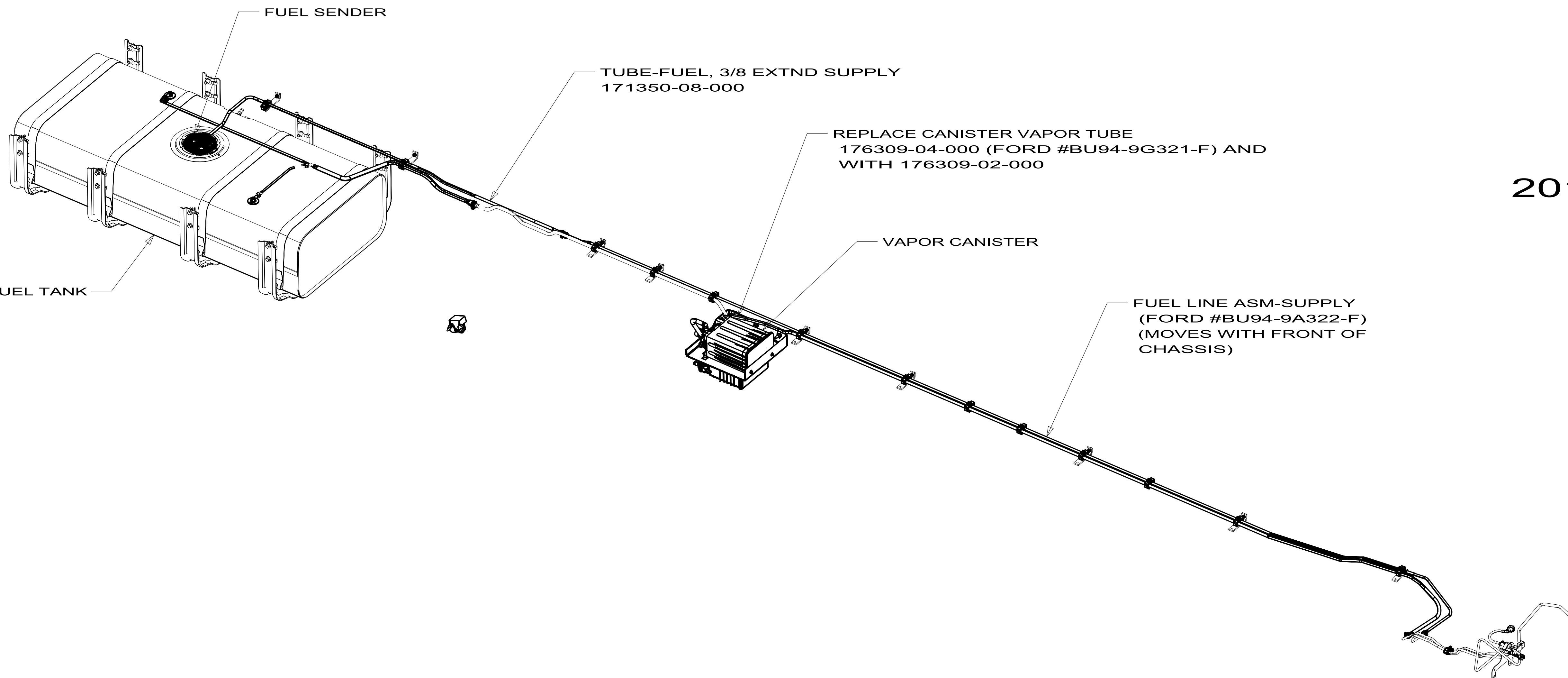
248" WHEELBASE
228" STRETCHED TO 248"

FIRST USED		
2006 F53 FORD		
DO NOT SCALE DRAWING		
TITLE:		
FUEL SYSTEM INSTL-SUPPLY		
SHEET 5	PART NO 155029	REV

D37L
J37F
J38N
175442-07
2011 FORD CHASSIS

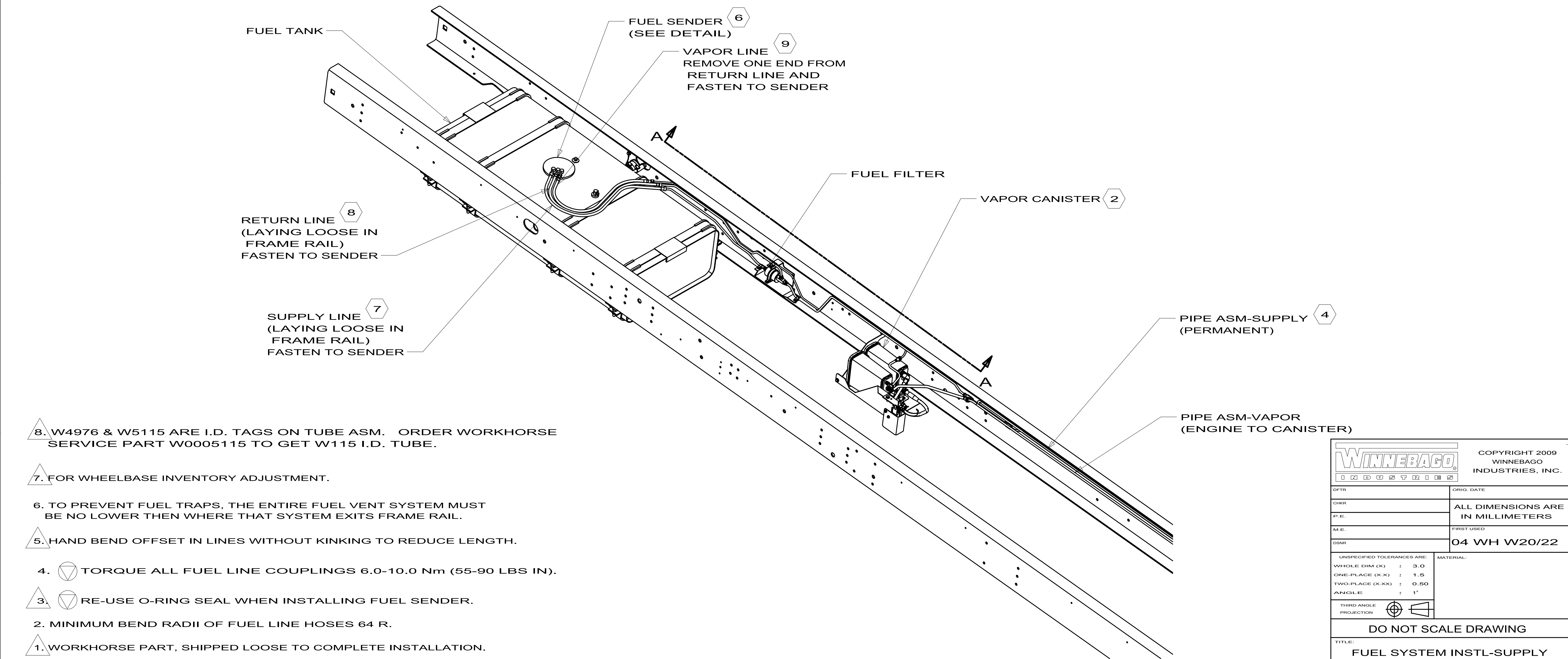
248"WHEELBASE
228" STRETCHED TO 248"

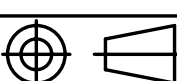
FIRST USED		11 FD MH	
DO NOT SCALE DRAWING			
TITLE: FUEL SYSTEM INSTL-SUPPLY			
SHEET 7	PART NO	175442	REV

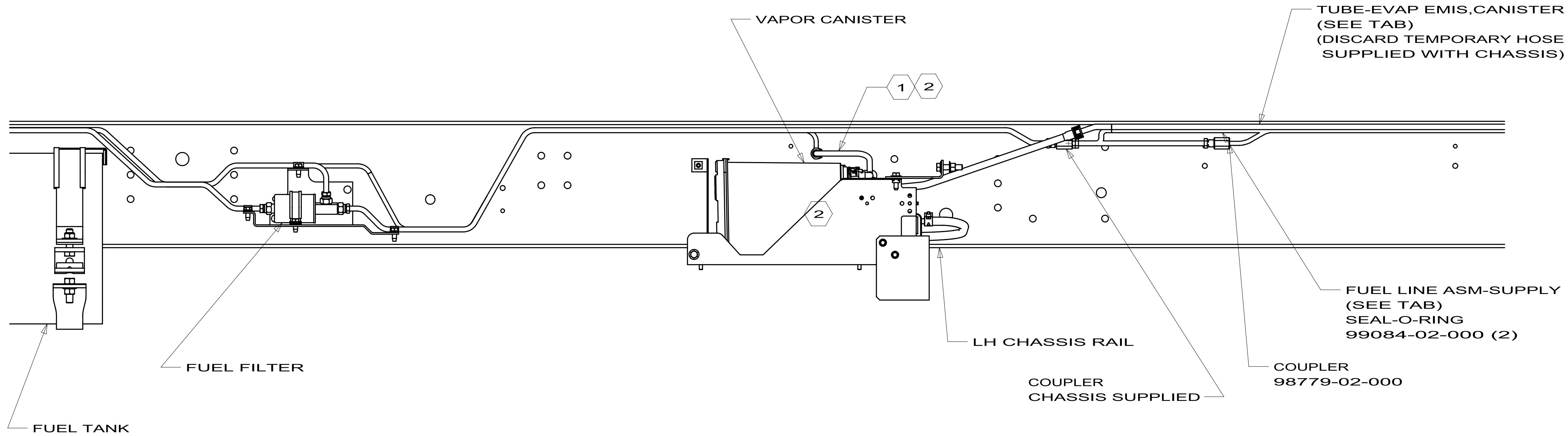


8		7		6	5	4	3	2	1	
DWG NO	WHEEL BASE	FUEL LINE ASM-SUPPLY		TUBE-EVAP EMIS, CANISTER						
149048-01	190"	-----		-----		E30W				
149048-02	208"	-----		-----		D31E D33C E32K				
149048-03	190" TO 220"	98759-05-000		148192-02-000		NOT USED				
149048-04	208" TO 220"	98759-01-000		148192-02-000		J32H				
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				

RELEASE		REV	DATE	DWG NO		149048	
REV	ZONE	REVISION RECORD			DATE	DFT-ORIG	



WINNEBAGO® INDUSTRIES		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFT-OR		ORIG. DATE	
CHK-OR		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			
SHEET 1 OF 2		PART NO	149048
		REV	



VIEW A-A
STRETCH DETAIL

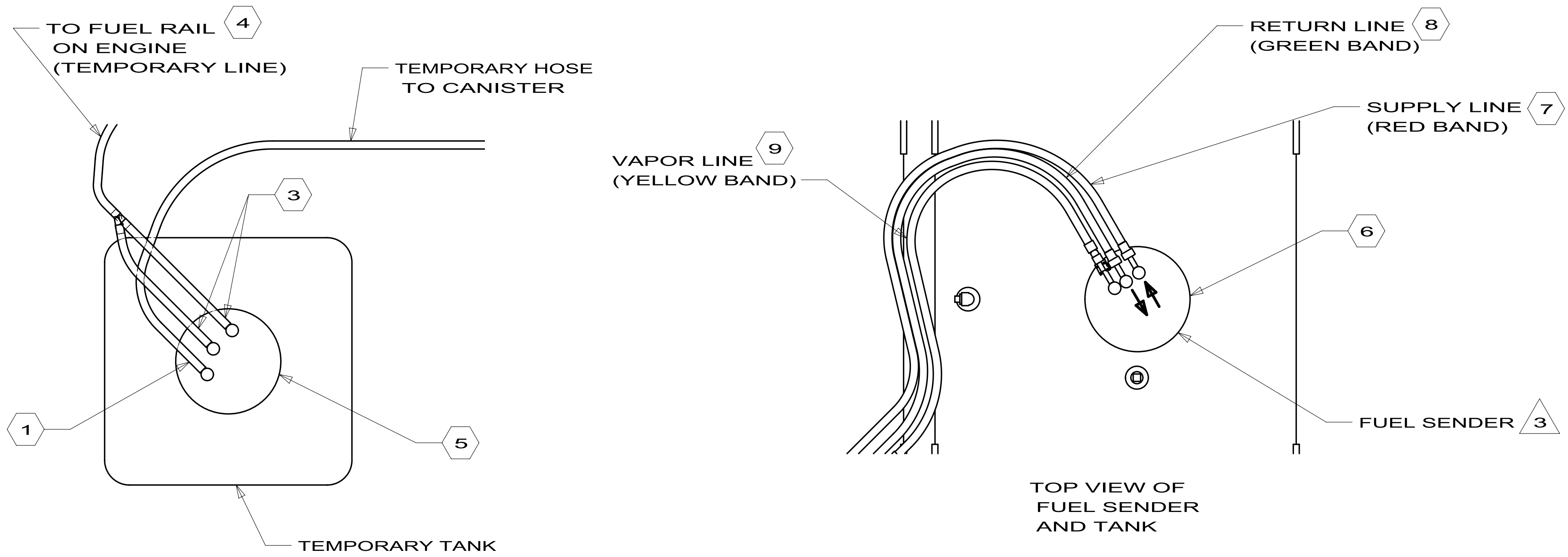
Conversion Temporary to Final Fuel System

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

D

C

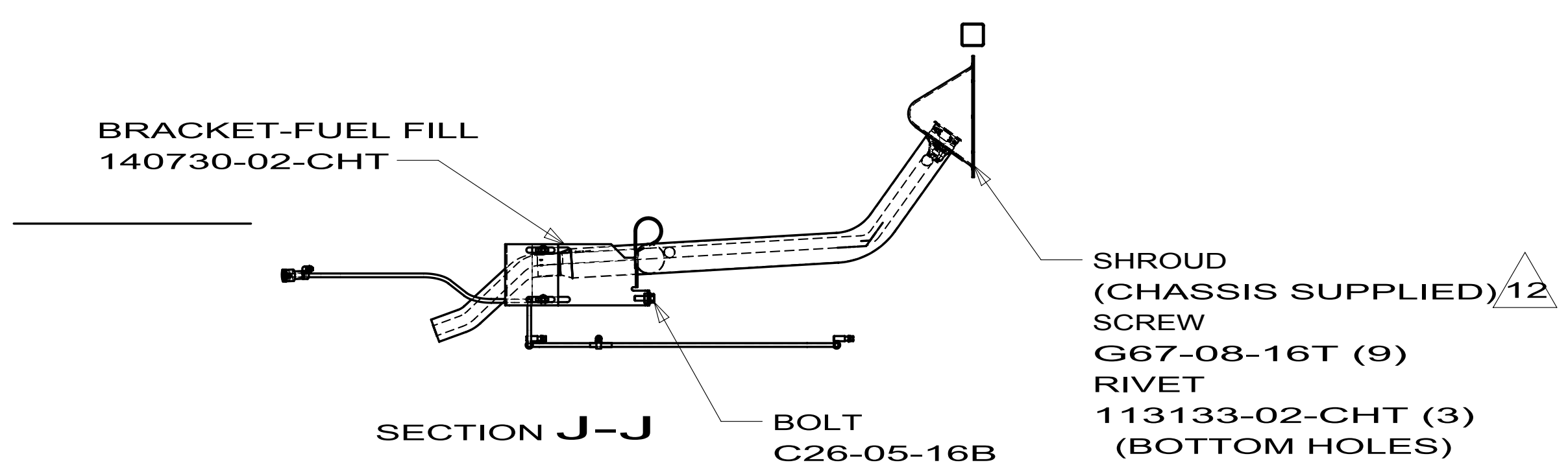
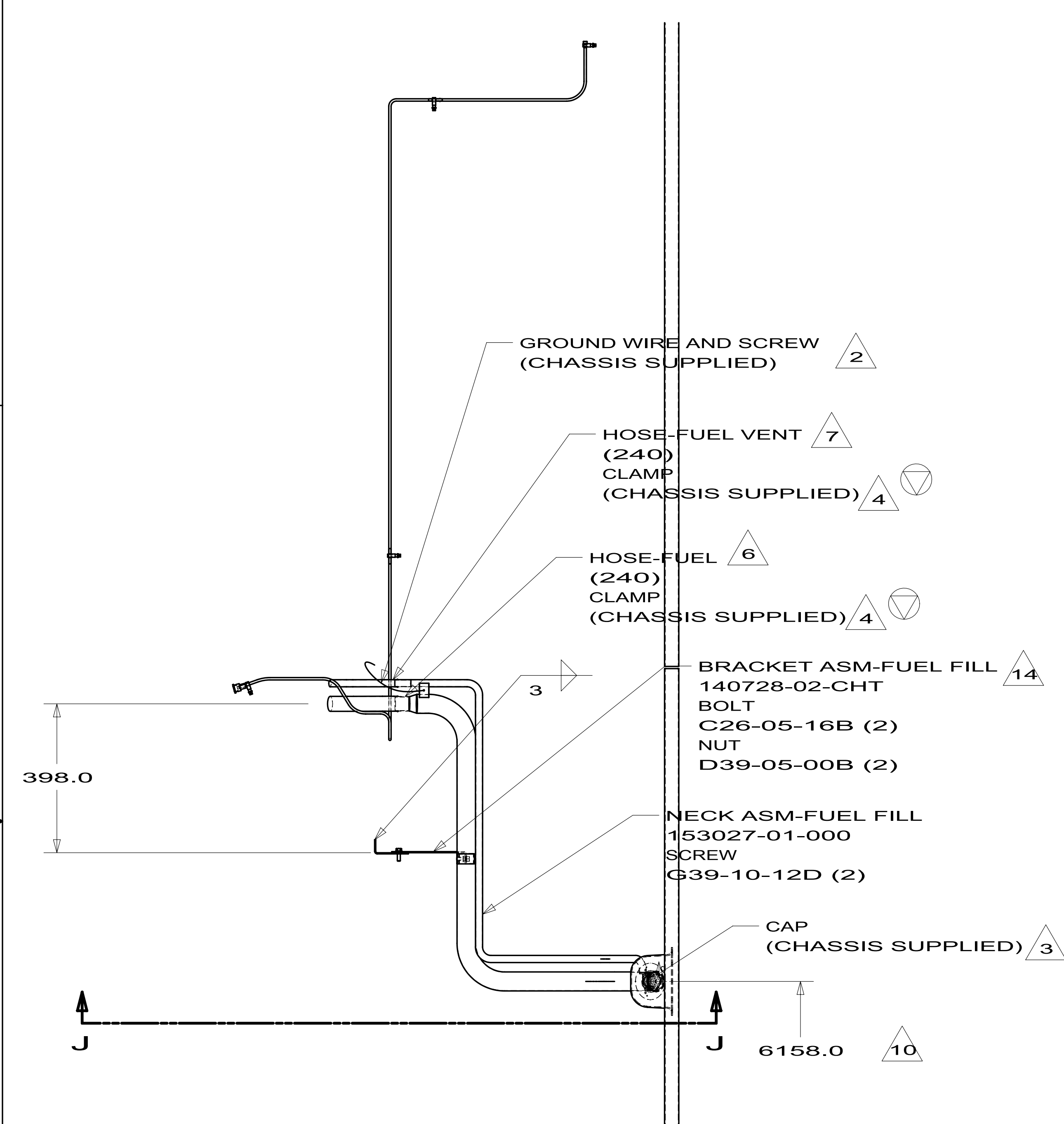
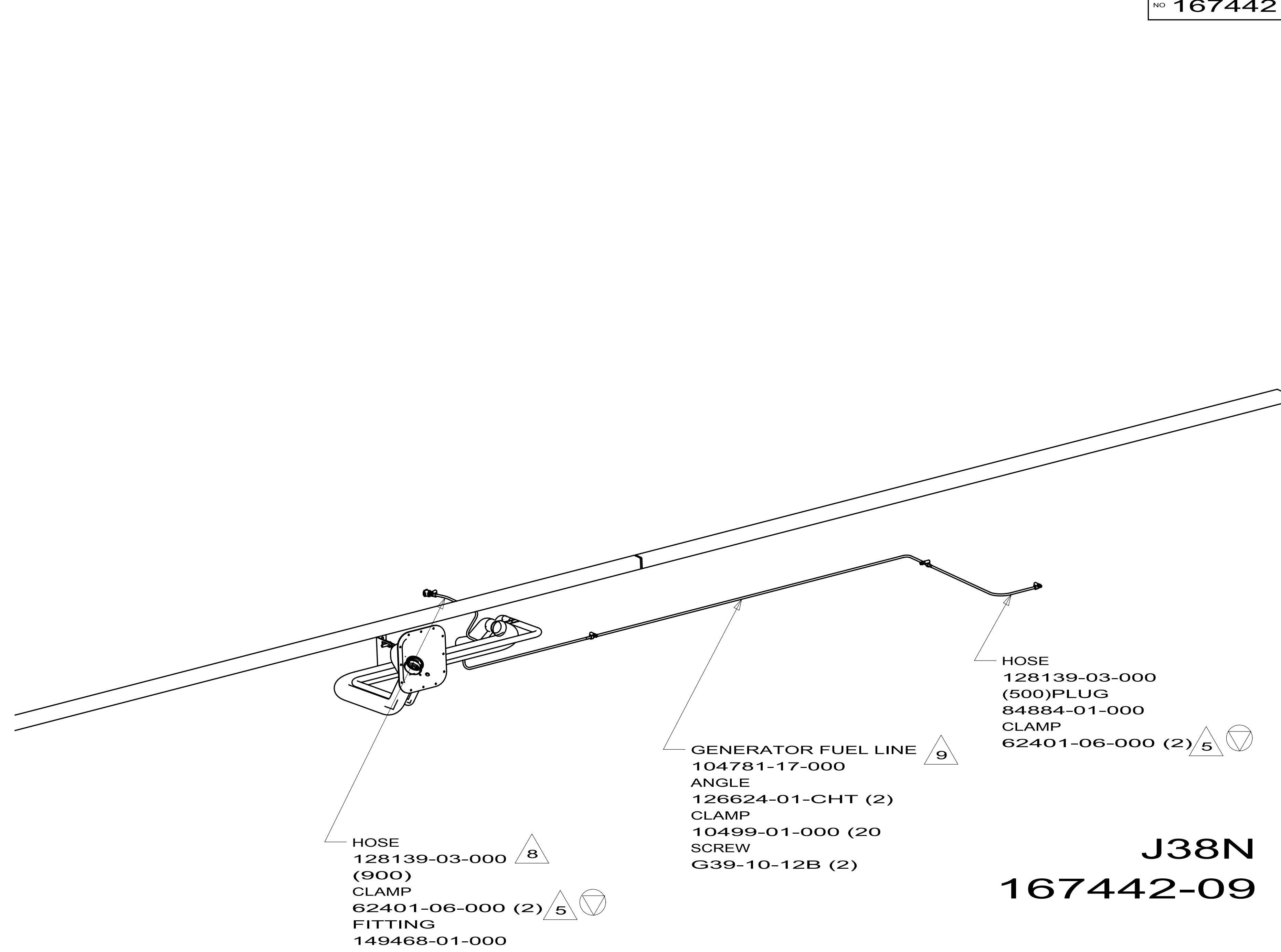
B

A

J38N
167442-09

J38N,J38S
248" WHEELBASE
(STRETCH 228" TO 248")
LH GENERATOR

FIRST USED		
09 FORD MH		
DO NOT SCALE DRAWING		
TITLE:		
FUEL SYSTEM INSTL-FUEL FILL		
SHEET 8	PART NO 167442	REV



8

7

6

5

4

3

2

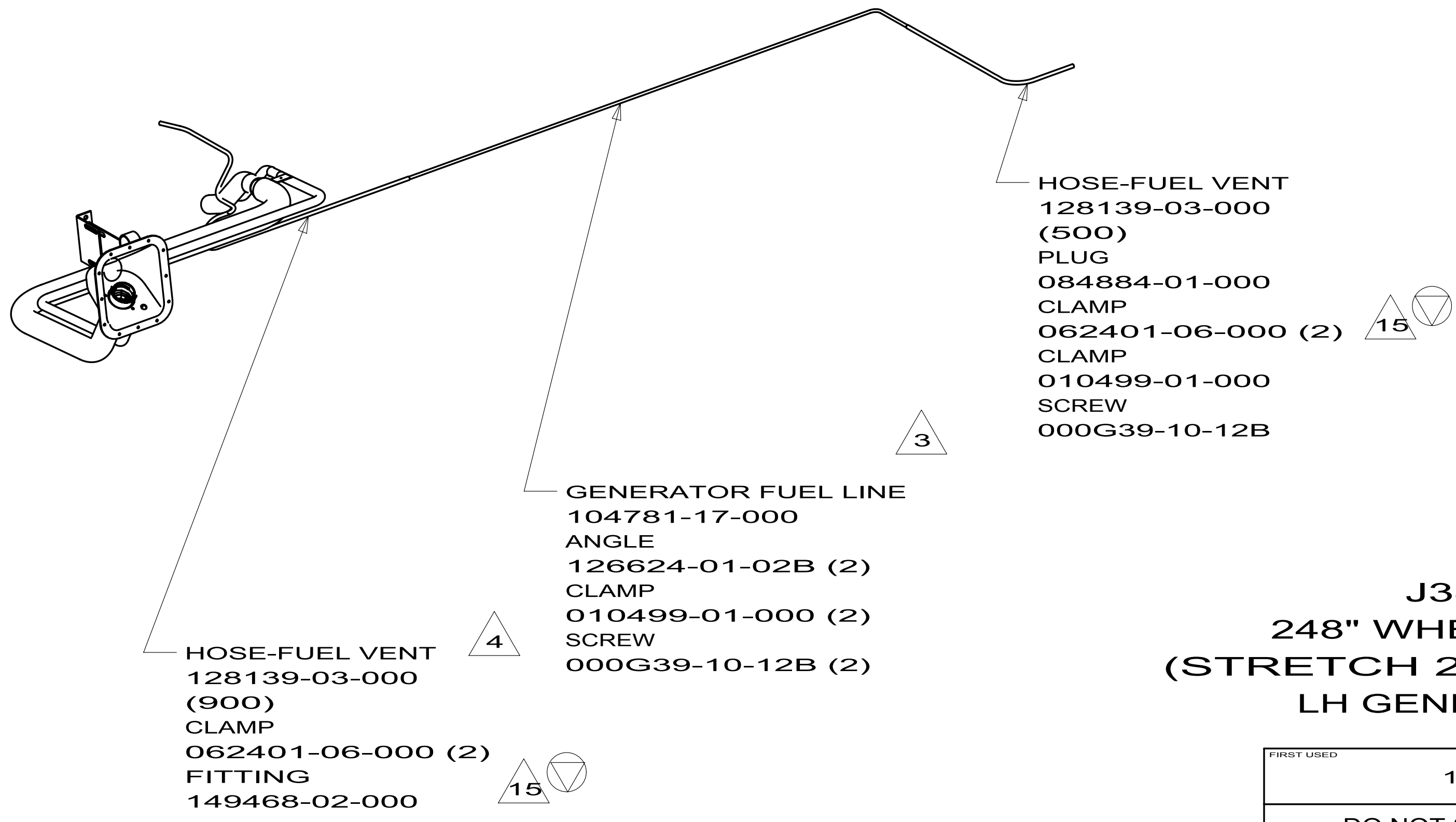
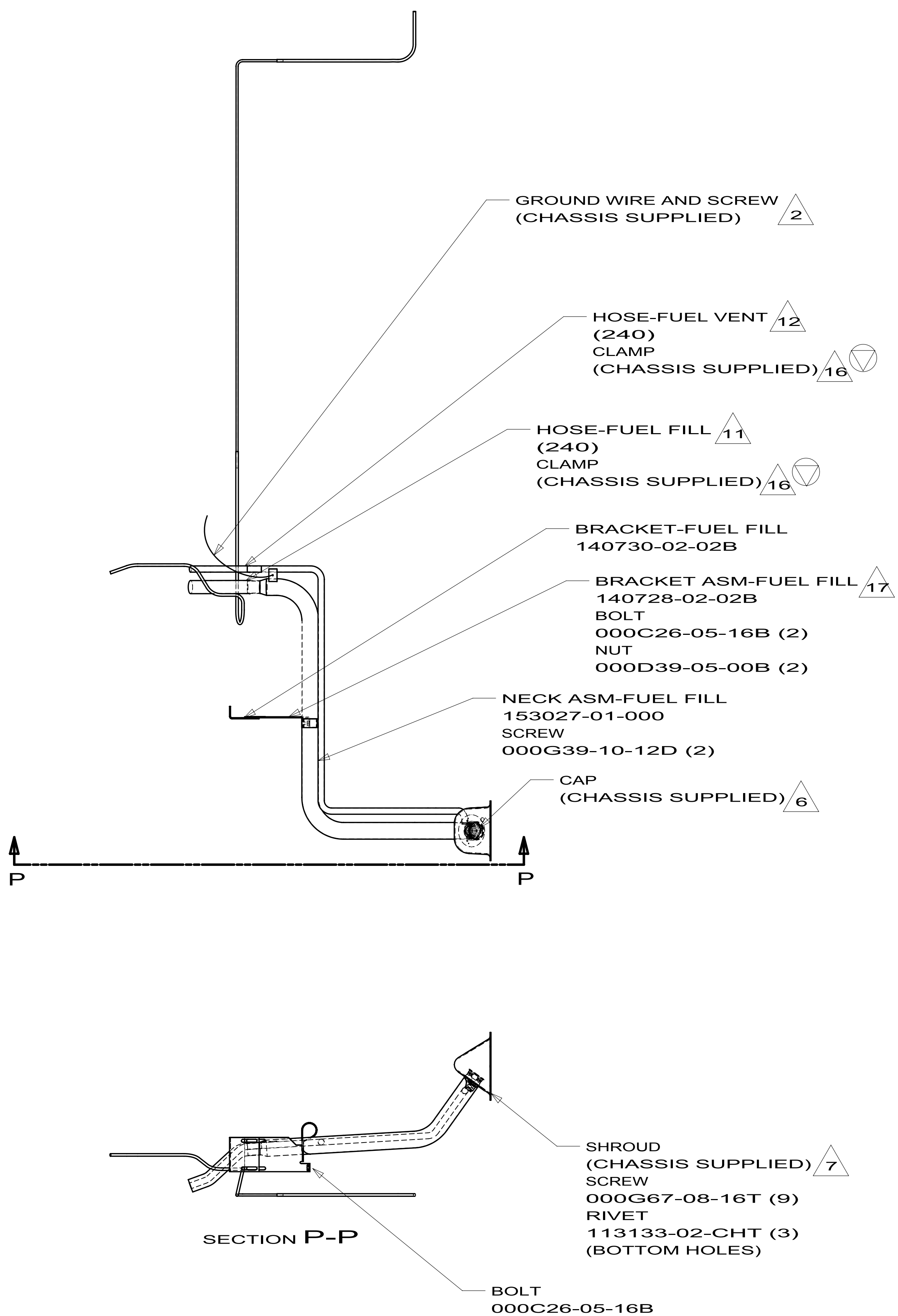
1



J38N
175441-14
2011 FORD CHASSIS

J38N
248" WHEELBASE
(STRETCH 228" TO 248")
LH GENERATOR

FIRST USED			11 FD MH
DO NOT SCALE DRAWING			
TITLE:			FUEL SYSTEM INSTL-FUEL FILL
SHEET	15	PART NO	175441
		REV	



FUEL TANK

- ADAPTER
1 114254-01-000
BUSHING
6 068382-06-000

GENERATOR
COMPARTMENT

- HOSE 5
128139-03-000
(500)
PLUG
084884-01-000
CLAMP
13 062401-06-000 (2)
SCREW
000G39-08-08B

- TUBE-FUEL SUPPLY 9
104781-12-000 (1PS)
104781-17-000 (1PV)

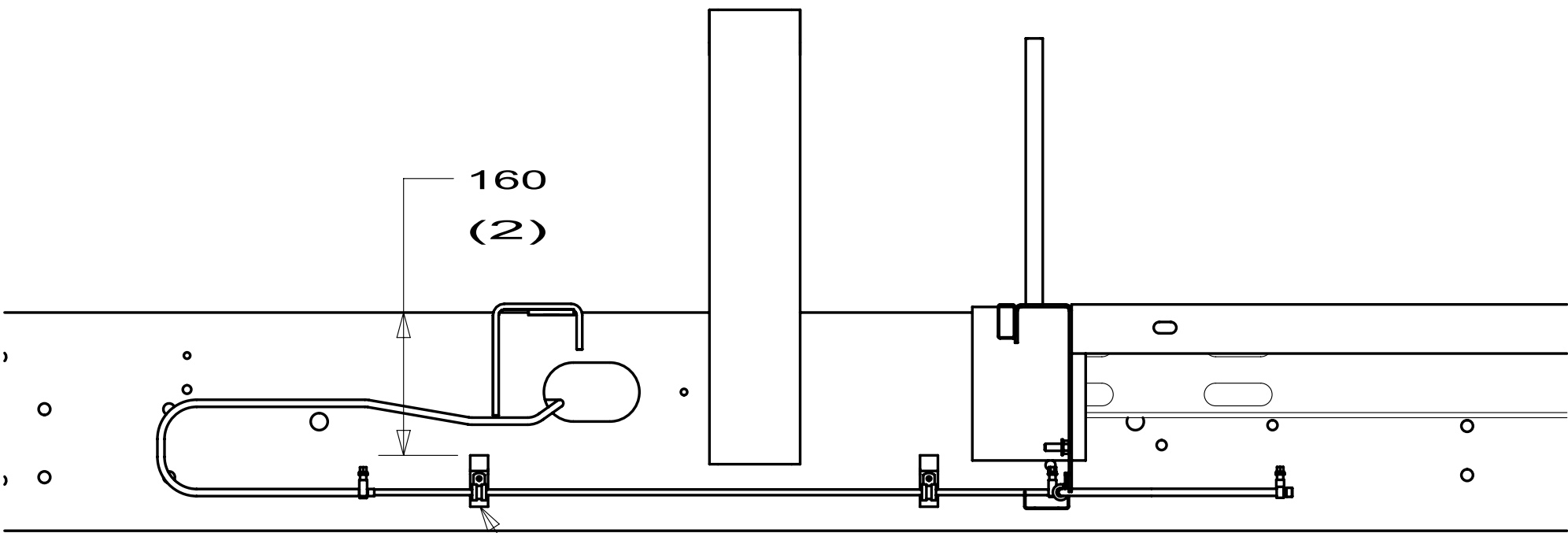
- CLAMP
010499-01-000
SCREW
000G39-10-12B

- HOSE-GENERATOR FILL 10
128139-03-000
CLAMP
062401-06-000 (2)

FRONT
OF
UNIT

J35Z
155945-04

J38N
155945-07

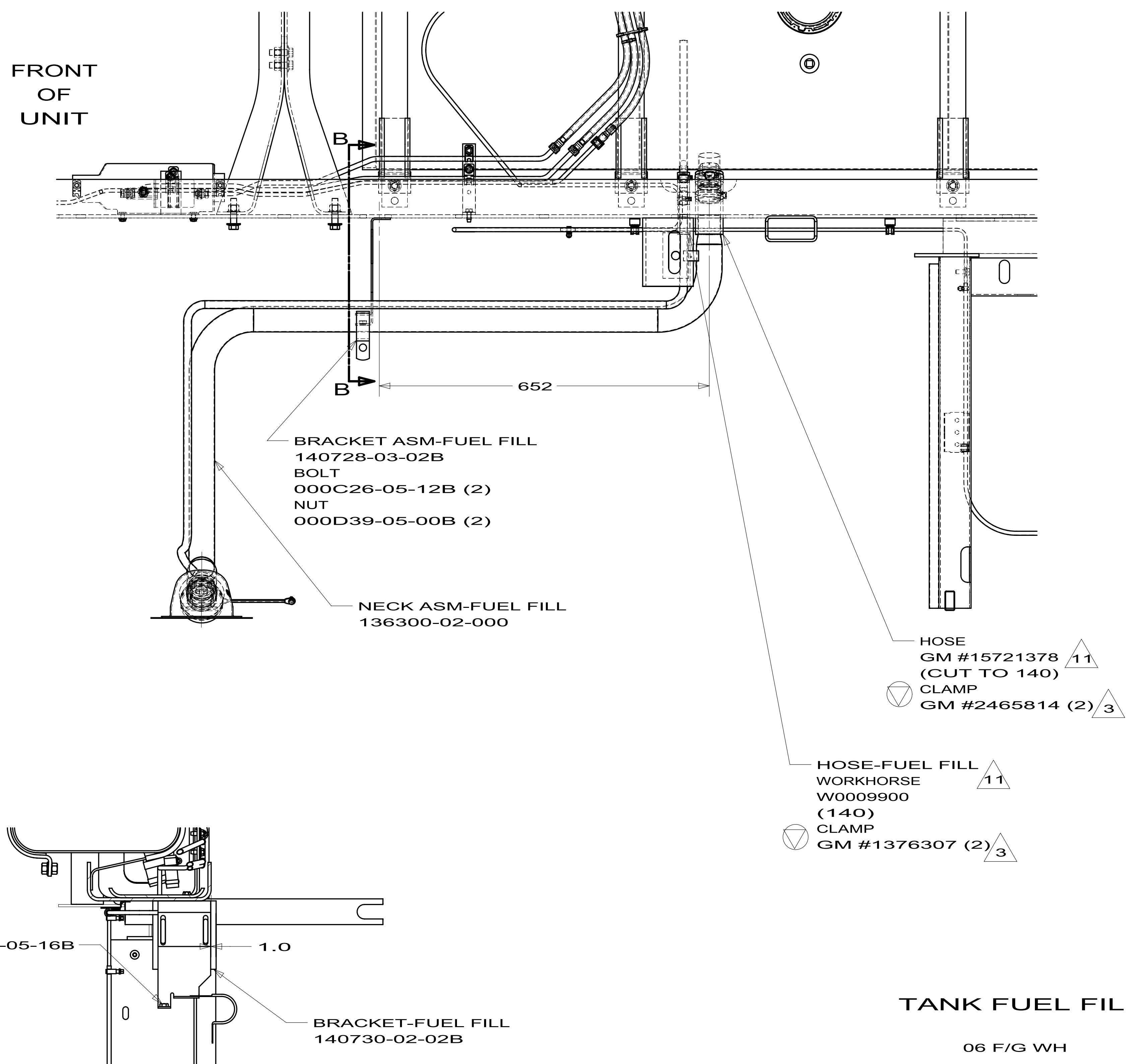
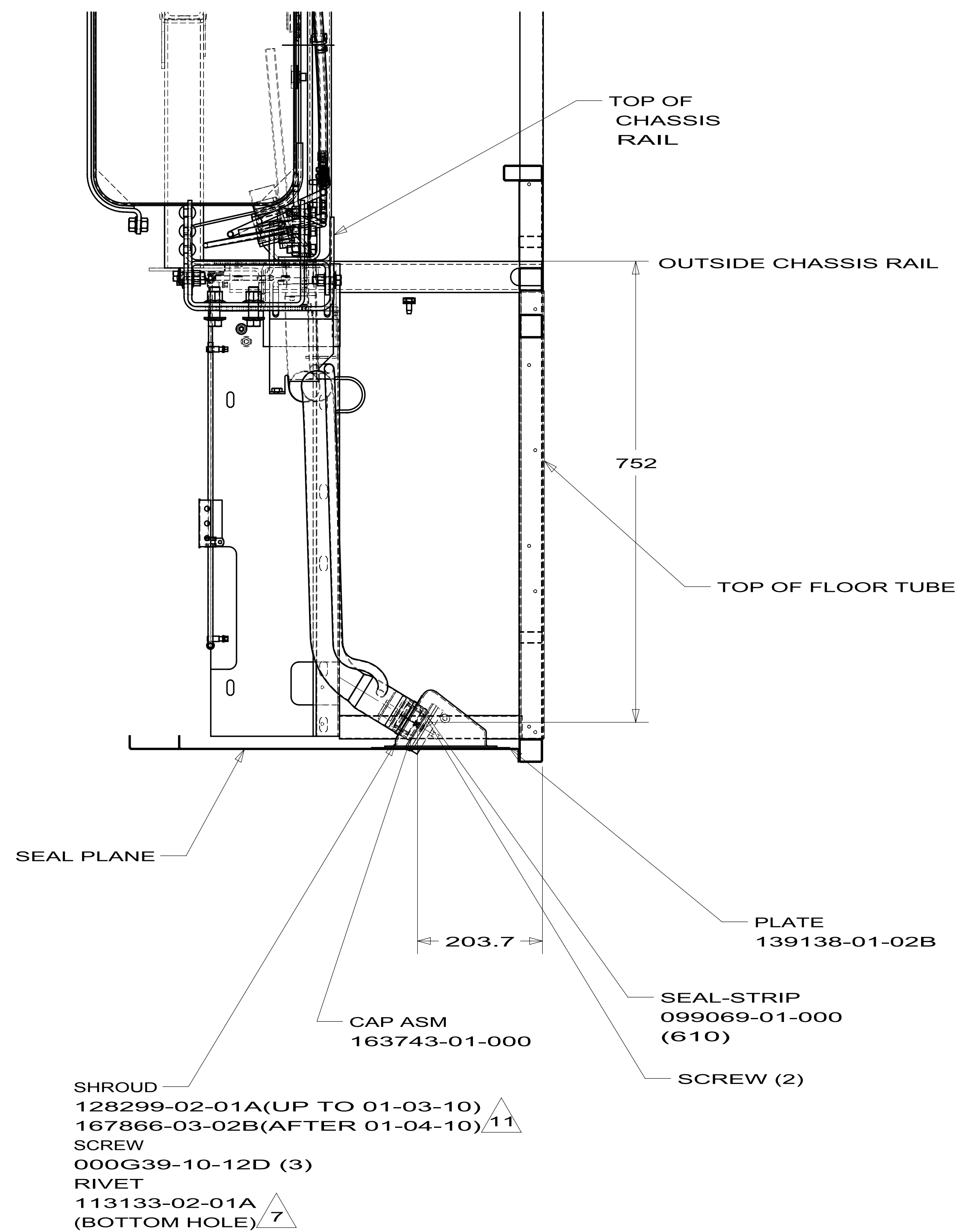


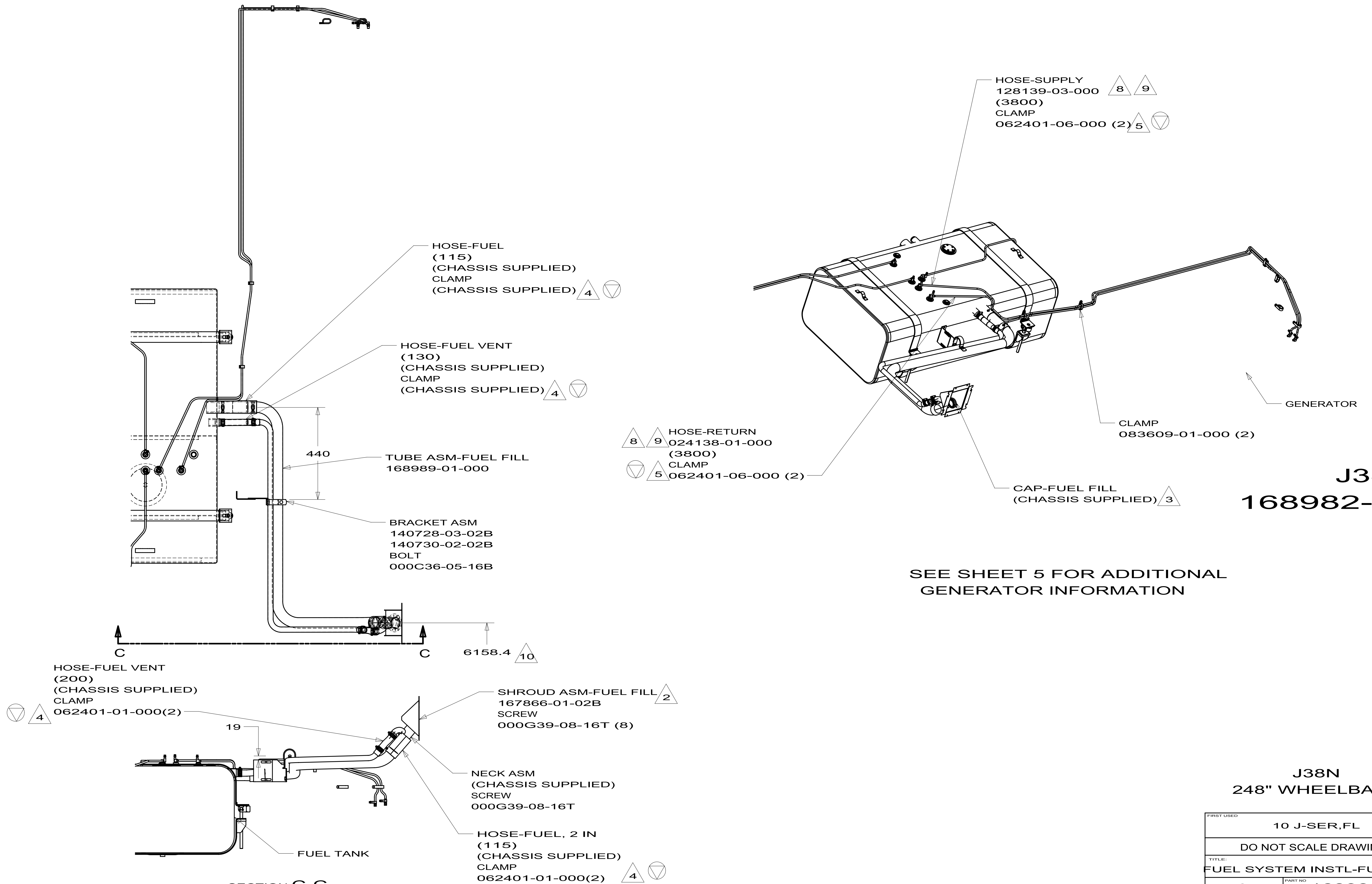
- ANGLE 8
126624-01-02B (2)
CLAMP
010499-01-000 (2)
SCREW
G39-10-12B (2)

GENERATOR FUEL FILL

VIEW A

FUEL SYSTEM INSTL-FUEL FILL



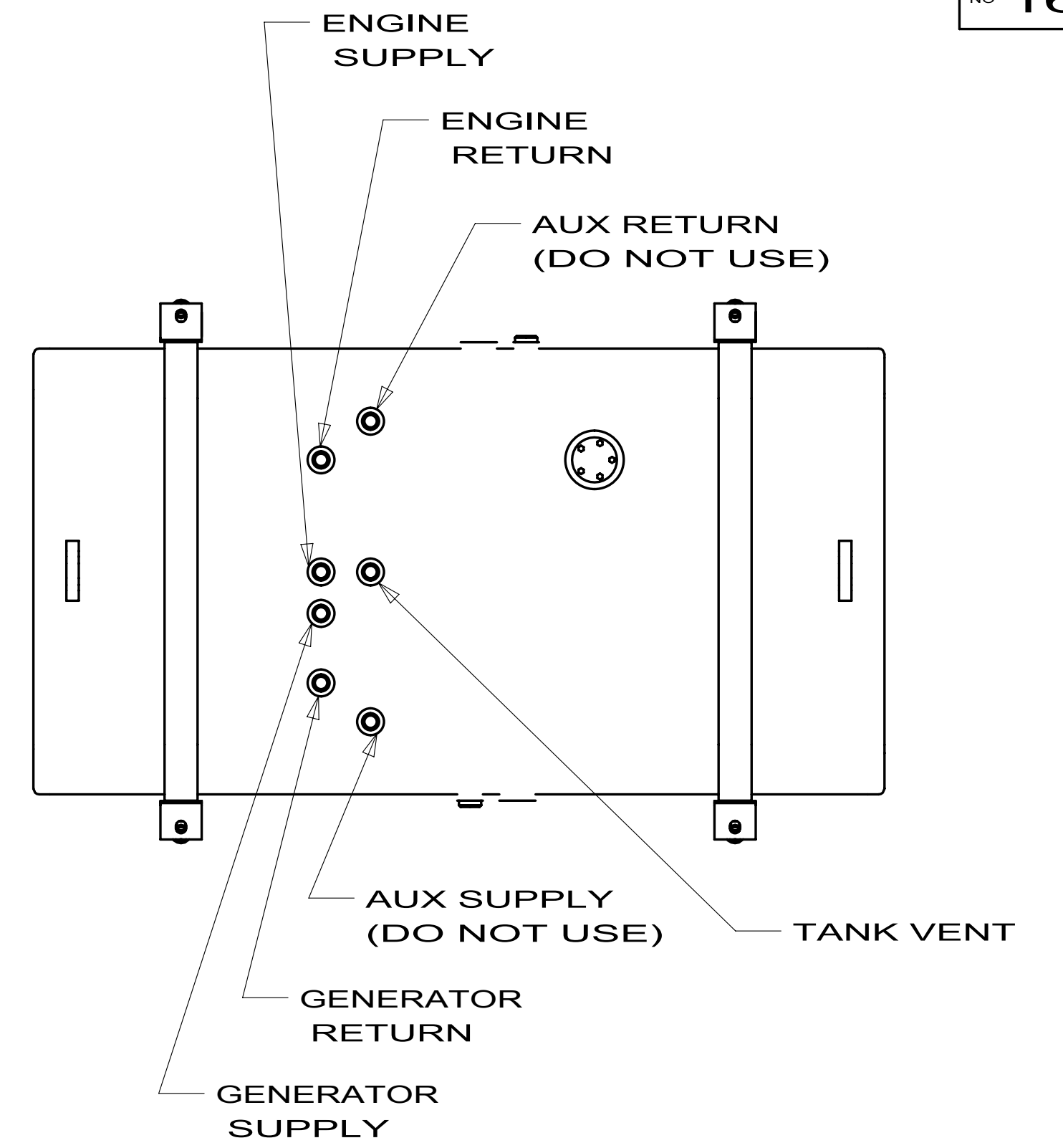


J38N
168982-03

SEE SHEET 5 FOR ADDITIONAL
GENERATOR INFORMATION

J38N
248" WHEELBASE

FIRST USED			
10 J-SER,FL			
DO NOT SCALE DRAWING			
TITLE:			
FUEL SYSTEM INSTL-FUEL FILL			
SHEET 3		PART NO 168982	REV



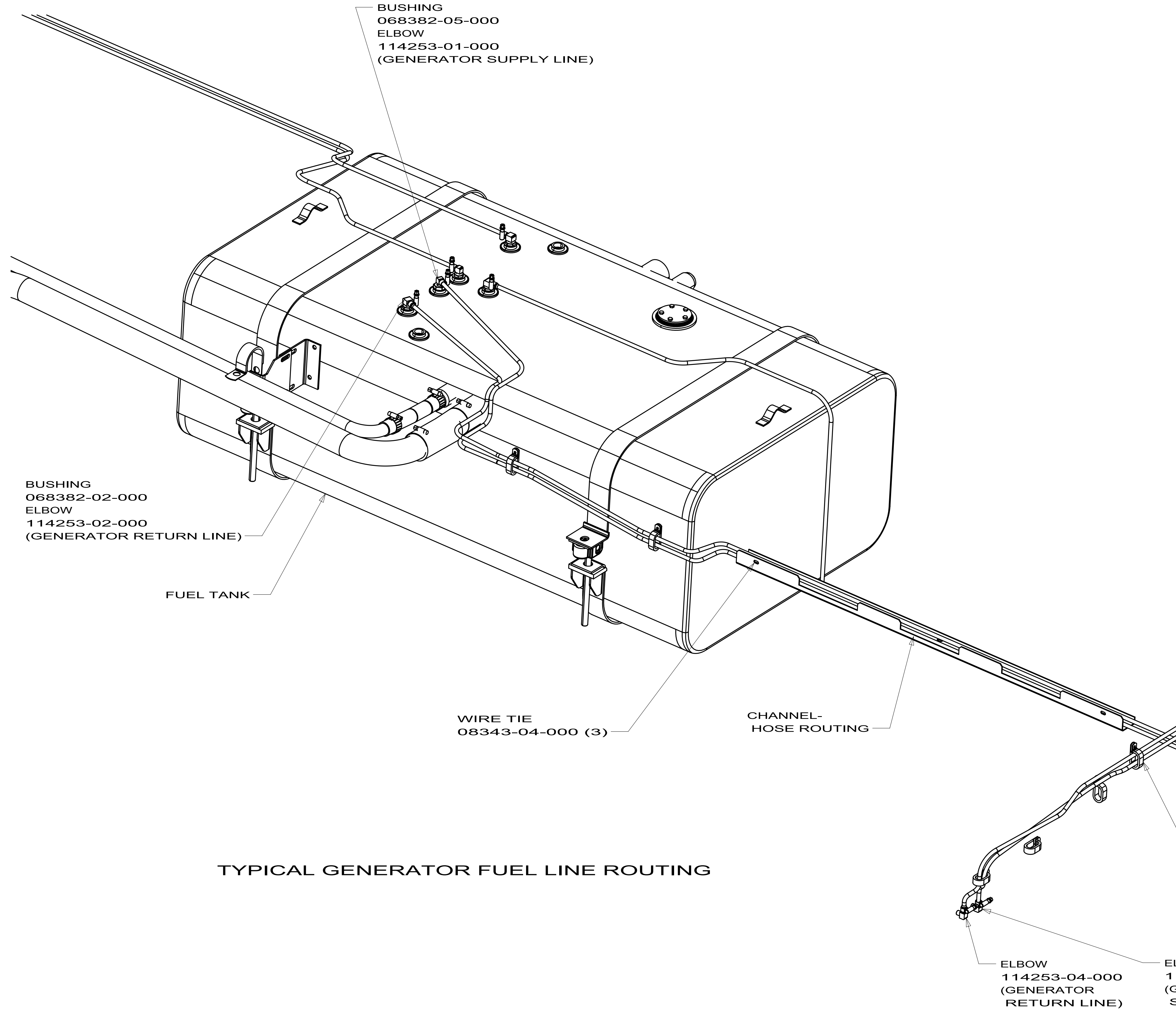
TYPICAL FUEL TANK

J35P,J35Z
168982-02

J37F
168982-04

J38N
168982-03

TYPICAL GENERATOR FUEL LINE ROUTING



FIRST USED			10 J-SER,FL
DO NOT SCALE DRAWING			
TITLE:			FUEL SYSTEM INSTL-FUEL FILL
SHEET 4	PART NO	168982	REV

8

7

6

5

4

3

2

1

DWG NO	UNIT	WHEELBASE	CHASSIS	LEVELING SYSTEM	REAR JACK ASM	ROOMS
167449-01	J38N	STRETCH 228" TO 248"	WH	153452-19-000	-----	3
167449-02	J38N	STRETCH 228" TO 248"	FD 24K	153452-38-000	128571-08-000	3
167449-03	J38S	STRETCH 228" TO 248"	WH	153452-18-000	-----	2
167449-04	J38S	STRETCH 228" TO 248"	FD 24K	153452-39-000	128571-08-000	2
167449-05	J38S	STRETCH 228" TO 248"	WH	153452-28-000	-----	1
167449-06	J38S	STRETCH 228" TO 248"	FD 24K	153452-40-000	128571-08-000	1
167449-07	J38S	STRETCH 228" TO 248"	WH	153452-29-000	-----	0
167449-08	J38S	STRETCH 228" TO 248"	FD 22K	153452-31-000	128571-08-000	0
167449-09	J38S	STRETCH 228" TO 248"	FD 24K	153452-41-000	128571-08-000	0
167449-10	K38T	STRETCH 228" TO 266"	WH	153452-18-000	-----	2
167449-11	K38T	STRETCH 228" TO 266"	FD 24K	153452-39-000	128571-08-000	2

C

B

A

19

REAR JACKS TO BE MOUNTED IN THE LOWER POSITION ON FORD 24,000# CHASSIS. MOUNT JACKS IN UPPER POSITION ON ALL OTHER FORD CHASSIS.

18

ON K38T WH AND ALL FORDS ROUTE REAR JACK AND ROOM HOSES AND WIRES IN CHANNEL LOCATED ON LEFT RAIL ABOVE REAR AXLE. RETAIN HOSES AND WIRES IN CHANNEL WITH WIRE TIE 8343-04-000 (5). ROUTE OVER TOP OF CHASSIS RAIL AT REAR AXLE AND CLAMP TO REAR OF EXHAUST SHIELD AND ROUTE REARWARD ON TOP OF FUEL TANK.

17

ALL JACK CYLINDERS MUST BE ALLOWED TO ROTATE INBOARD AND OUTBOARD FREELY WITHOUT HOSES AND WIRES RUBBING OR INTERFERING WITH MOTORHOME COMPONENTS. HOSES AND WIRES MUST NOT BE CLAMPED OR TIED ANY CLOSER THAN 300 mm FROM JACKS.

16

HOSE FITTINGS TO BE INSTALLED FINGER TIGHT PLUS TWO FLATS OF THE HEX FITTING. IF FITTING HAS BEEN REMOVED AND IS BEING INSTALLED A SECOND TIME, TIGHTEN FITTING FINGER TIGHT PLUS ONE FLAT.

15

CLAMP OR WIRE TIE ALL HOSES AT 900 mm MAXIMUM INTERVALS AND WHERE NECESSARY TO PREVENT HOSES FROM CONTACTING MOVING PARTS OR HEAT PRODUCING ITEMS.

14

RUN HOSE AND WIRES IN CHANNEL ASM. WRAP WIRE TIES AROUND CHANNEL APPROXIMATELY 200 mm APART TO SECURE HOSE AND WIRES.

13

AFTER MOUNTING REAR JACKS, WELD MOUNTING NUTS TO INSIDE OF FRAME RAILS ON FORD CHASSIS. PAINT WELD AREAS.

12

WELD TOP OF BRACKET TO OUTBOARD SIDE OF FLOOR SUPPORT TUBE WITH FORD CHASSIS.

11

WELD TOP OF BRACKET TO INBOARD SIDE OF FLOOR SUPPORT TUBE WITH WORKHORSE CHASSIS.

10

MOUNT JACKS IN LOWEST POSITION.

9

TORQUE TO 47 Nm (35 FT LB).

8

COVER ALL HOSES FULL LENGTH WITH CONDUIT 41953-09-000.

7

TIE WIRES TO HOSE FITTINGS.

6

FASTENERS SUPPLIED WITH LEVELING SYSTEM.

5

FOR ADDITIONAL INFORMATION ON REMOTE SWITCHES SEE BODY WIRING INSTL-12V.

4

SEE BATTERY INSTALLATION FOR ADDITIONAL INFORMATION.

3

HOSES CAN BE BENT TO A 50mm MINIMUM RADIUS TO AVOID KINKS OR FLOW RESTRICTIONS.

2

FOR WIRING SCHEMATICS OF LEVELING SYSTEMS SEE DRAWING 158507-01-000.

1

PARTS ARE INCLUDED WITH LEVELING KIT.

NOTES:

8

7

6

5

4

3

2

1

RELEASE

REV A

DATE

DWG NO 167449

REV ZONE

REVISION RECORD

DATE

DFT-ORIG

WINNEBAGO INDUSTRIES

COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.

DFT-ORIG

ORIG. DATE

CHGR

P.E.

M.E.

DSNR

ALL DIMENSIONS ARE IN MILLIMETERS

FIRST USED

09 J/K-SERIES

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

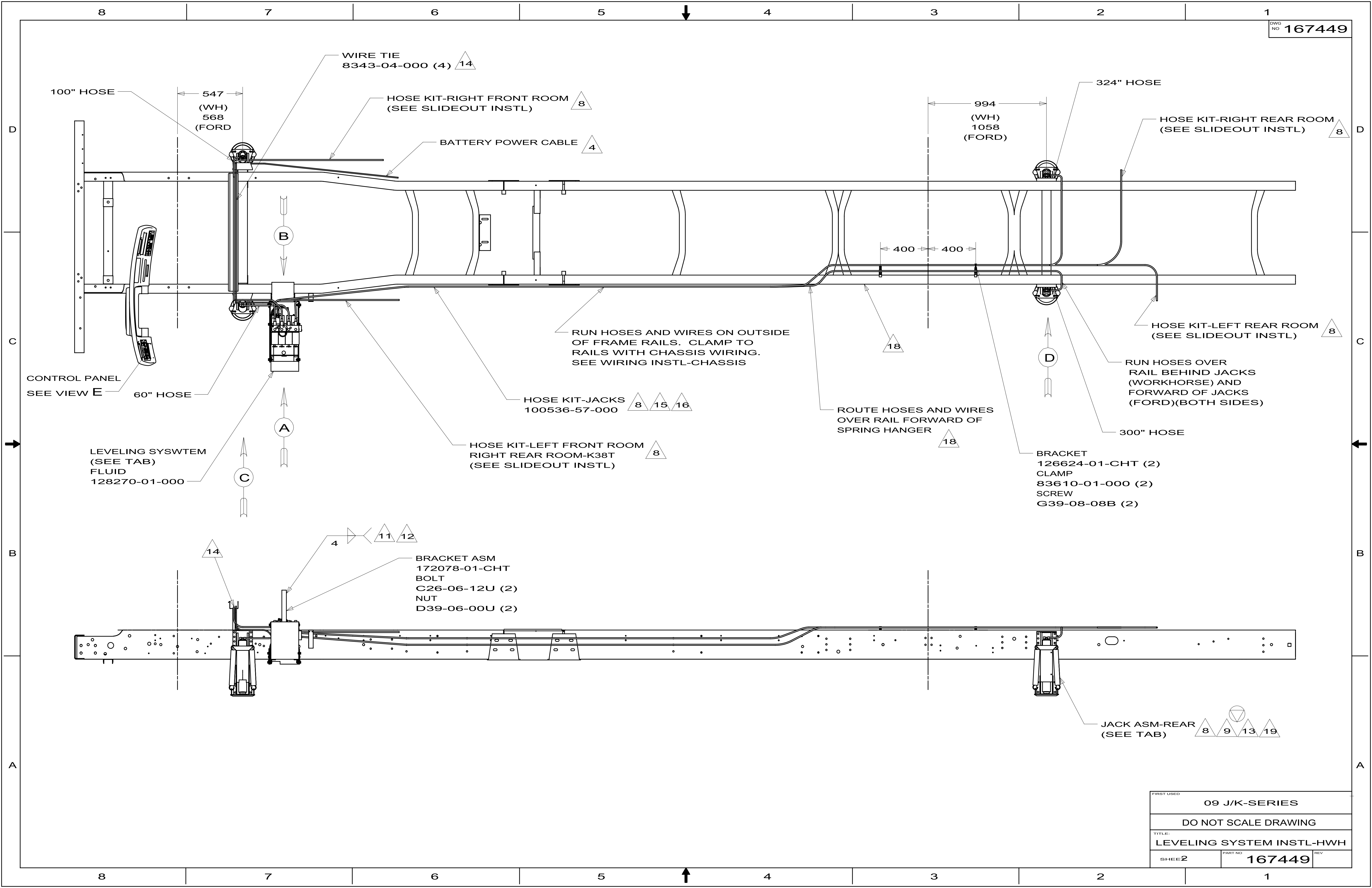
TITLE: LEVELING SYSTEM INSTL-HWH

SHEET 1 OF 4

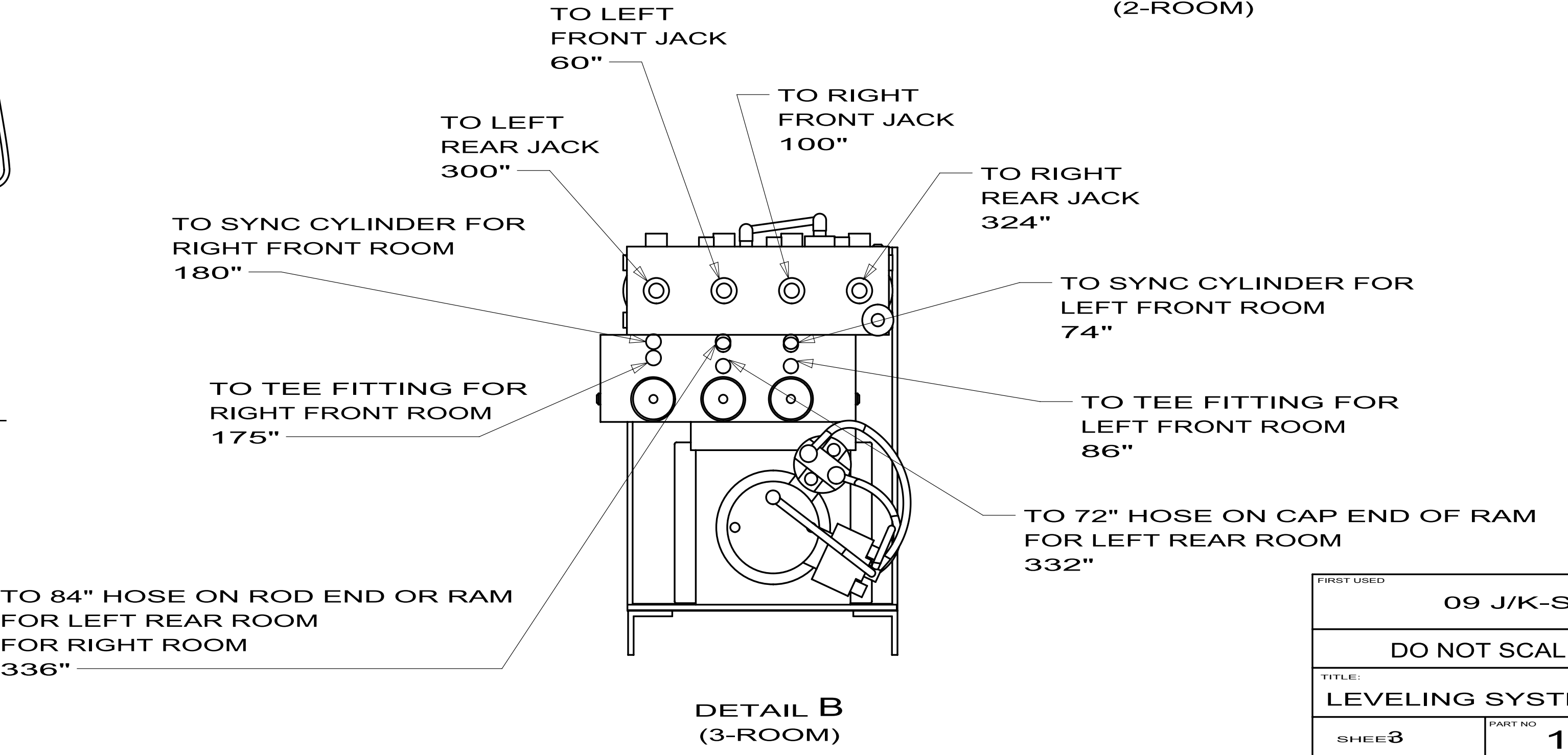
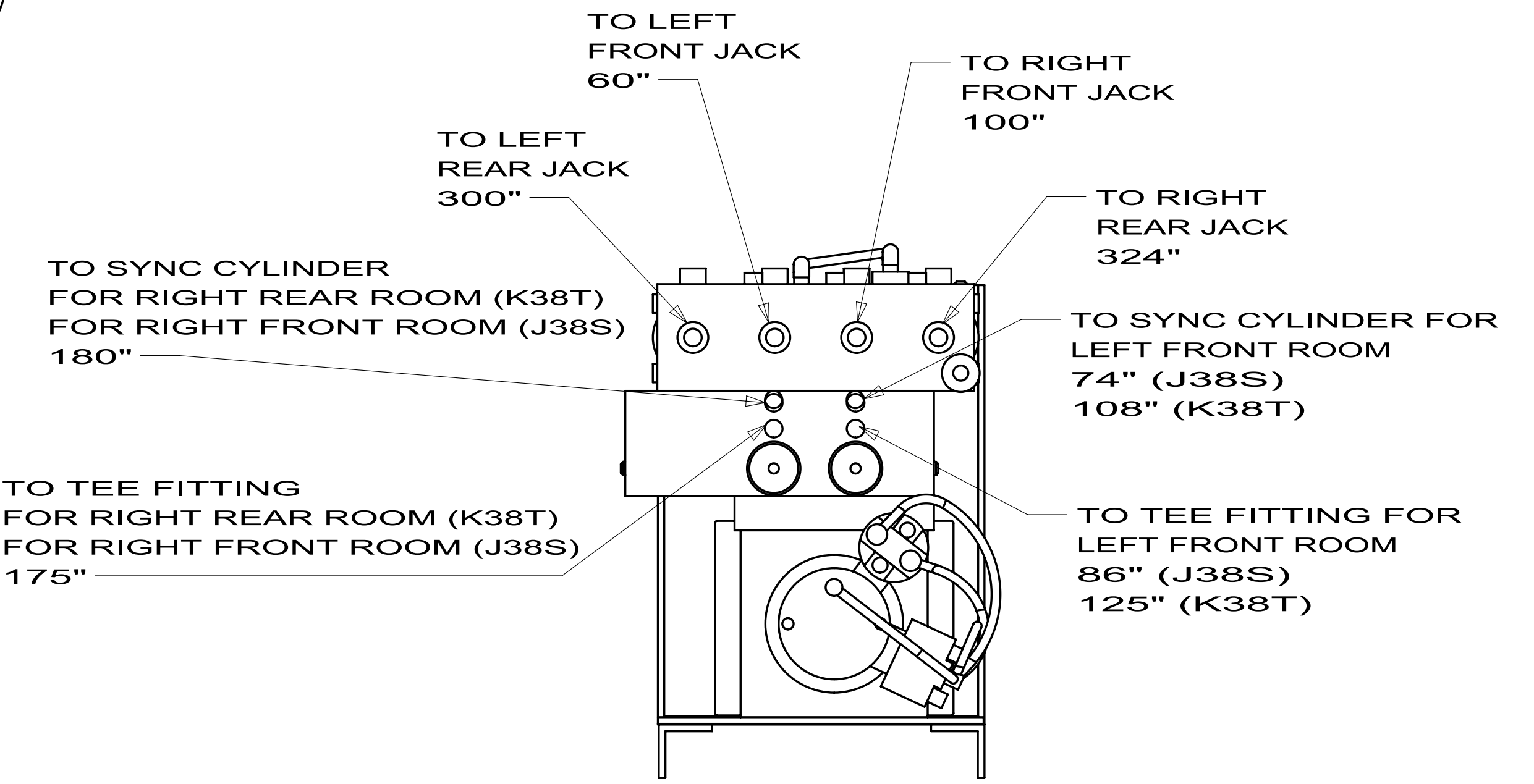
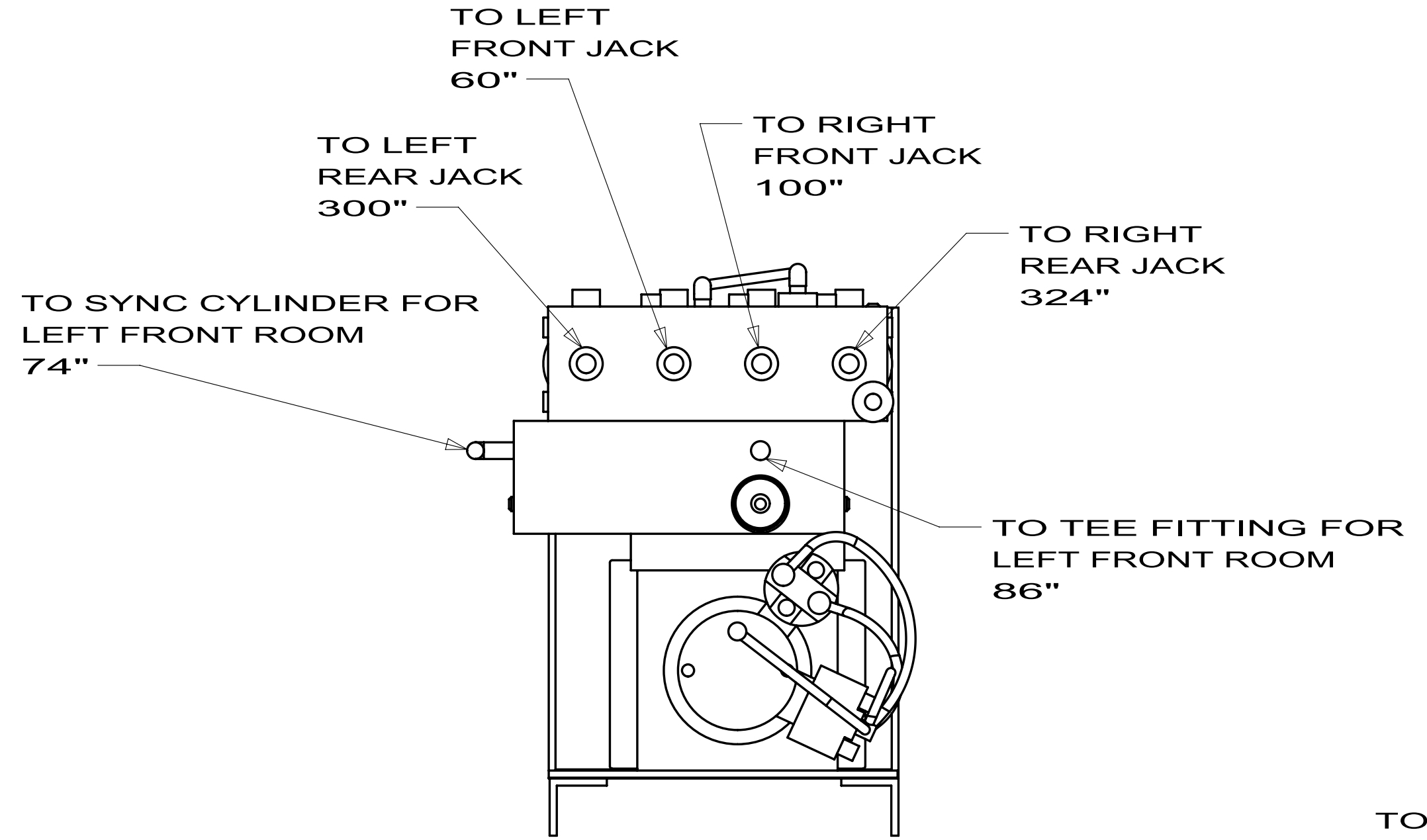
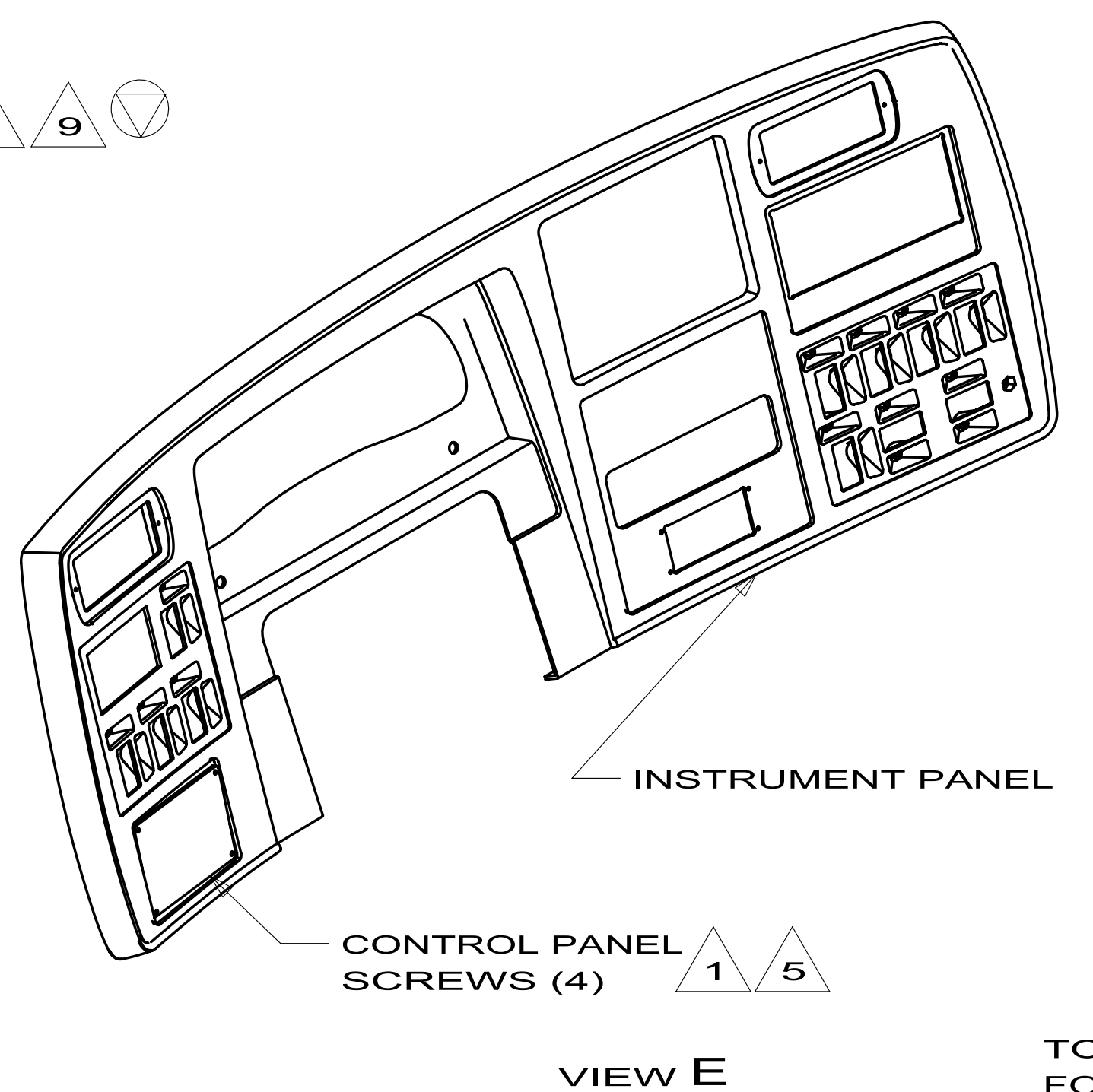
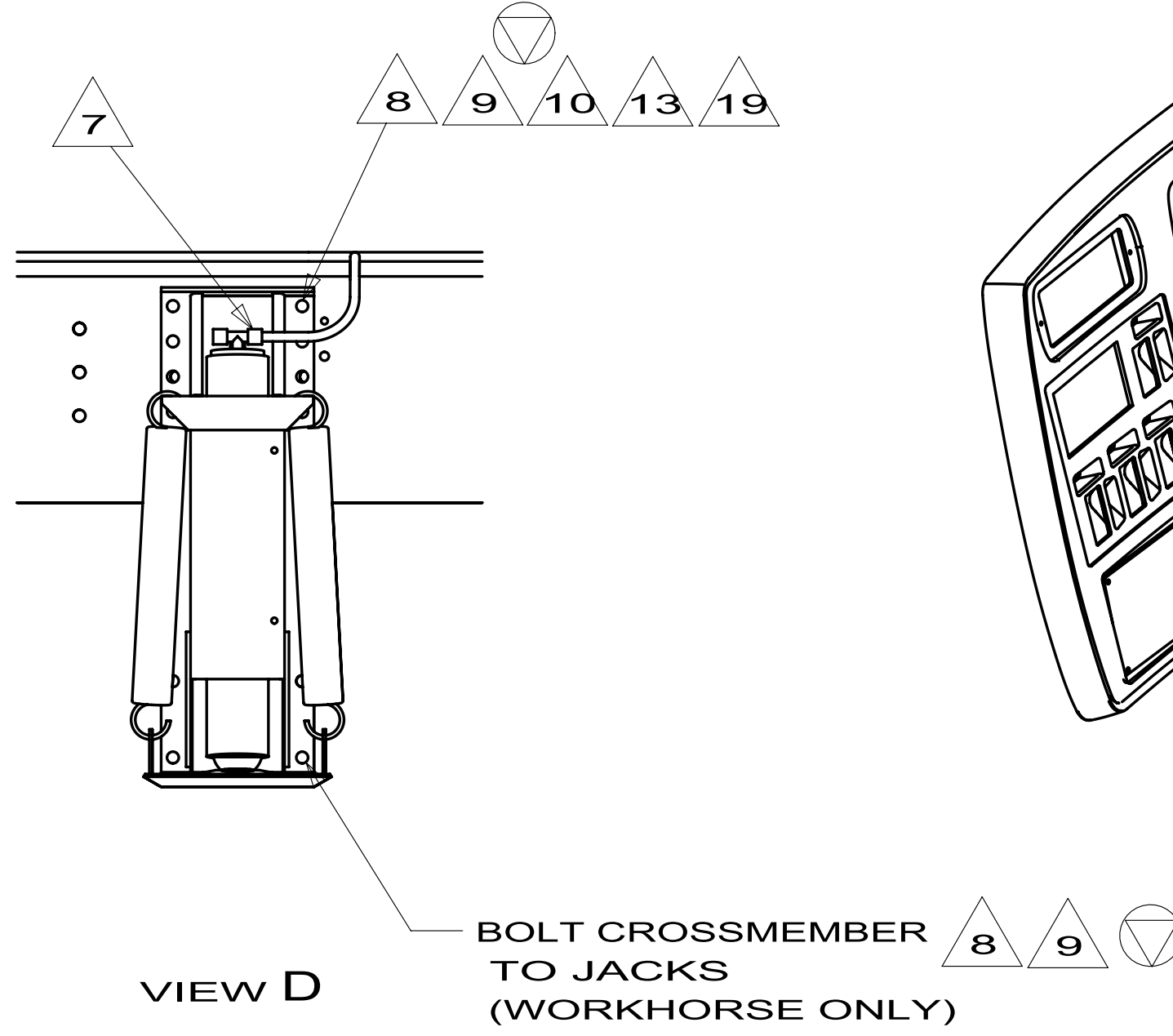
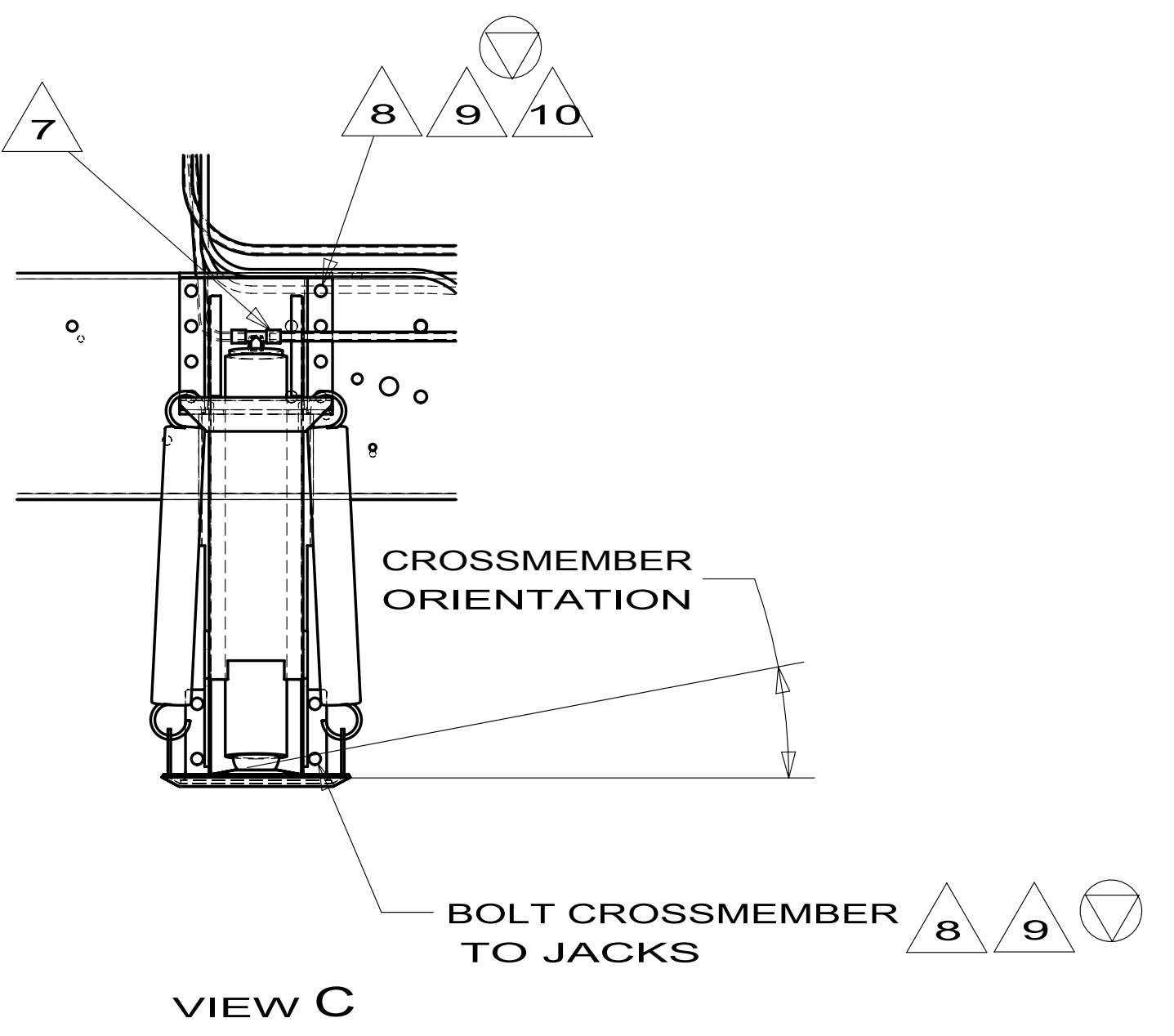
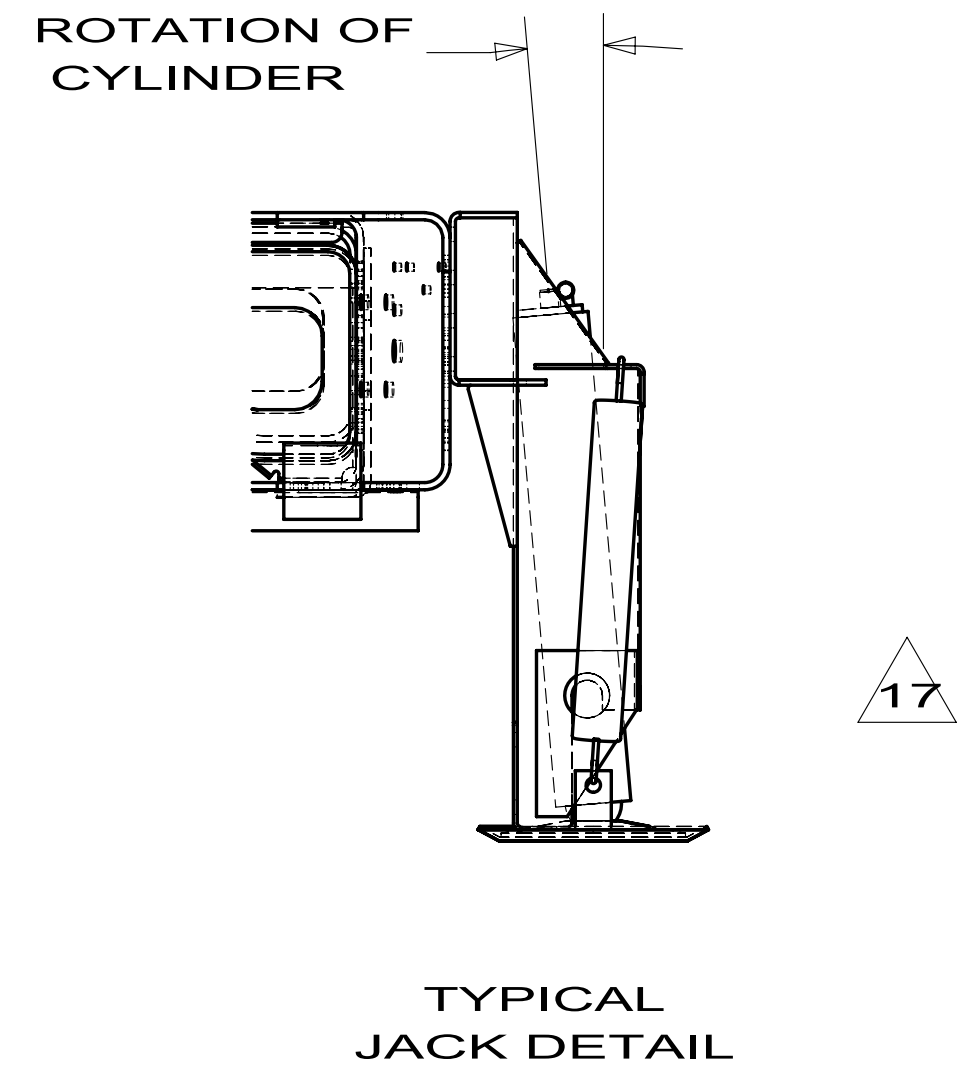
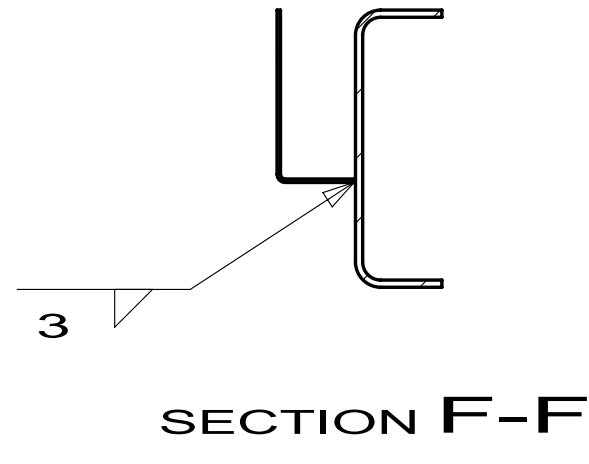
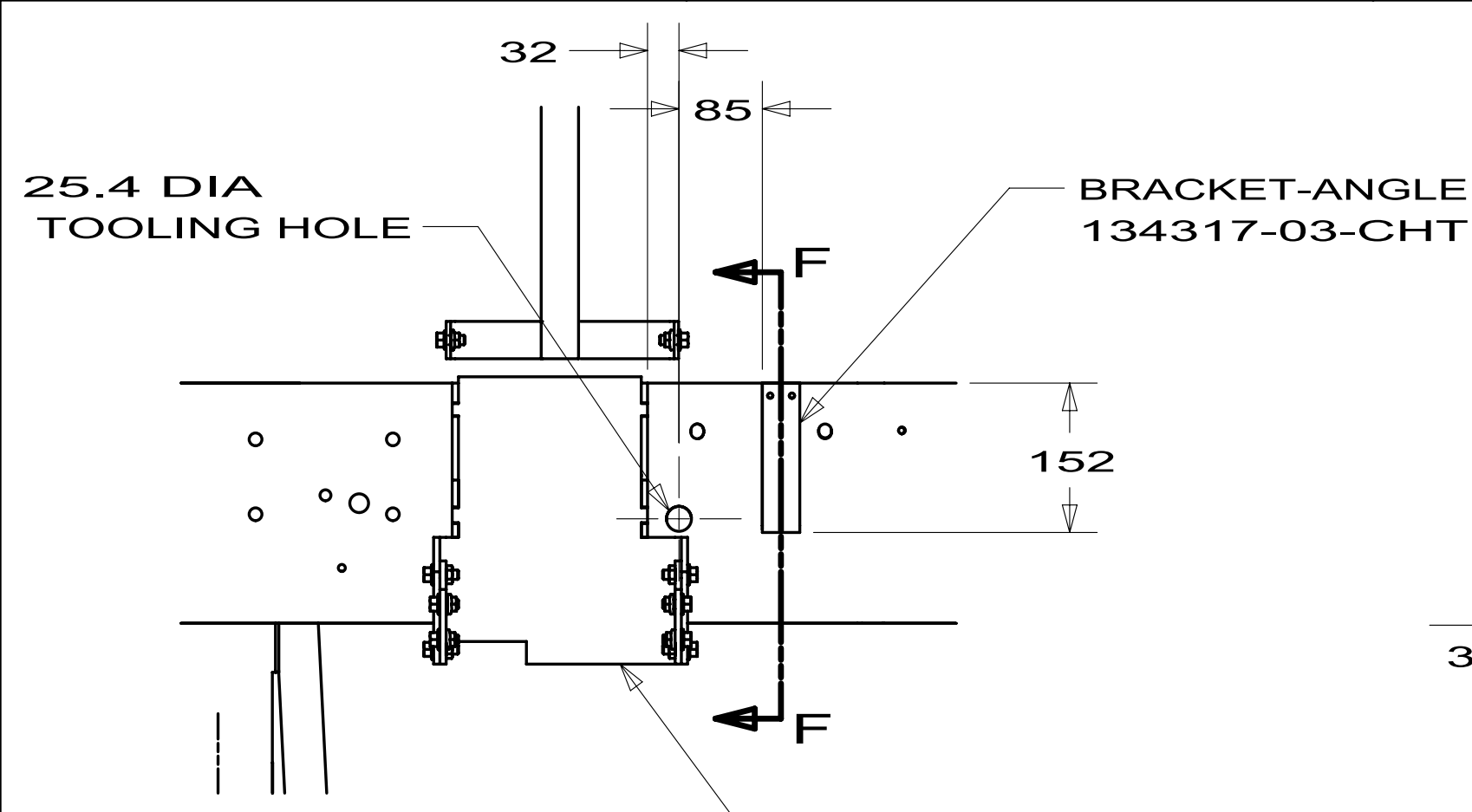
PART NO 167449

REV

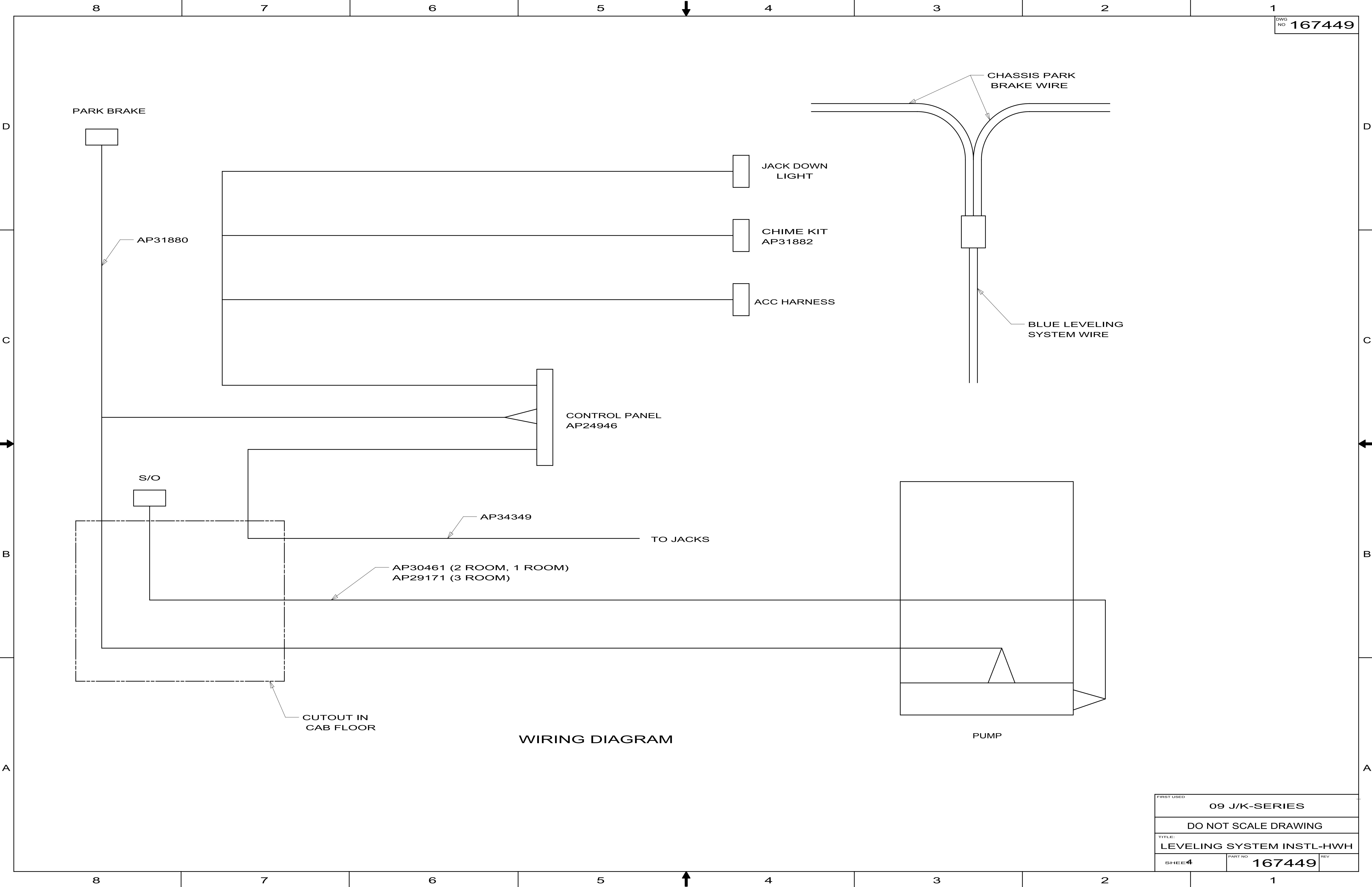
INDICATES CRITICAL SAFETY PROCEDURE TO BE FOLLOWED



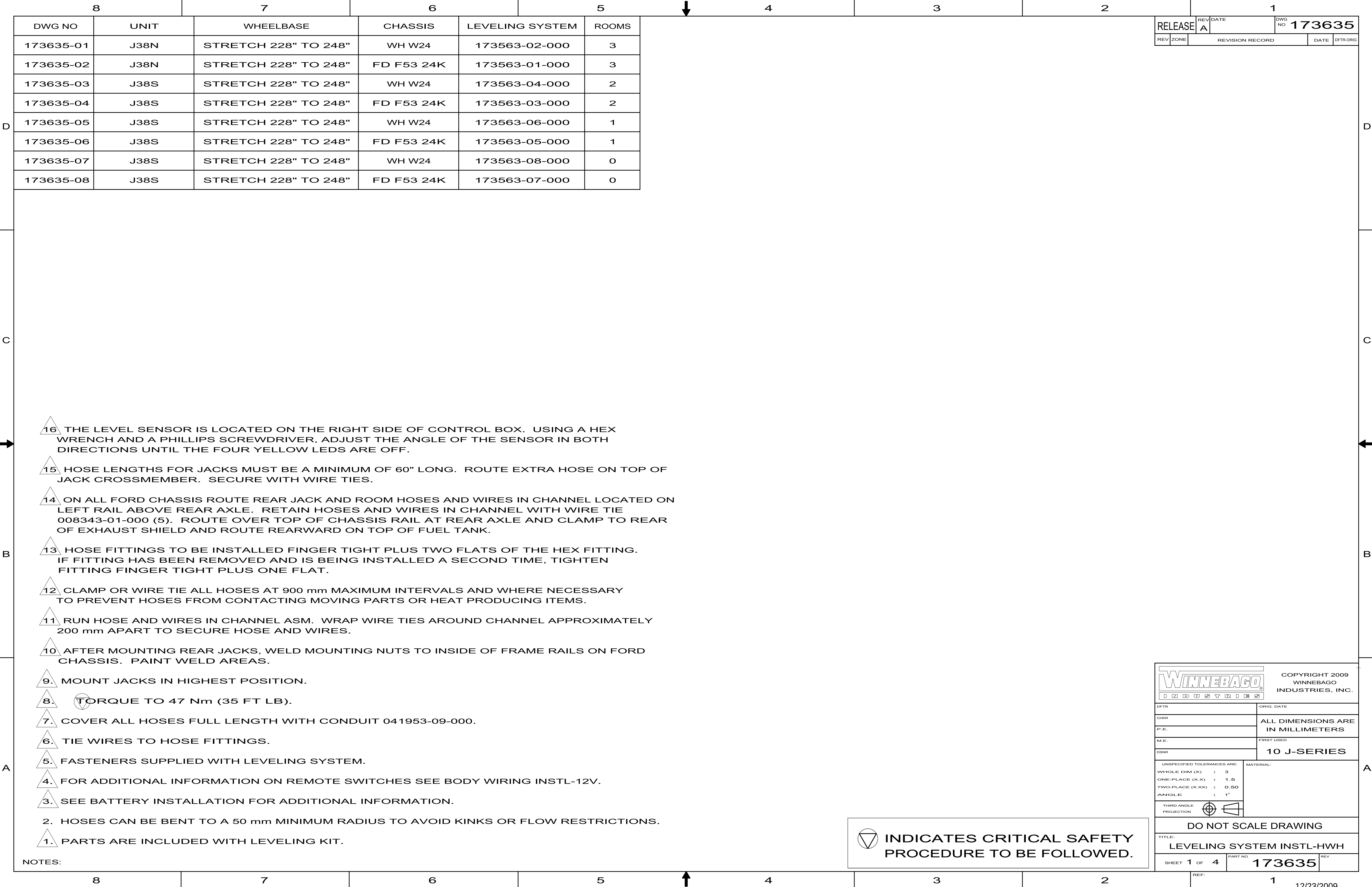
FIRST USED		
09 J/K-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-HWH		
SHEET 2	PART NO 167449	REV



FIRST USED		09 J/K-SERIES	
DO NOT SCALE DRAWING			
TITLE: LEVELING SYSTEM INSTL-HWH			
SHEET 3	PART NO	167449	REV



FIRST USED			09 J/K-SERIES					
DO NOT SCALE DRAWING								
TITLE:								
LEVELING SYSTEM INSTL-HWH								
SHEET 4		PART NO 167449		REV				



RELEASE

REV A

DATE

DWG NO173635

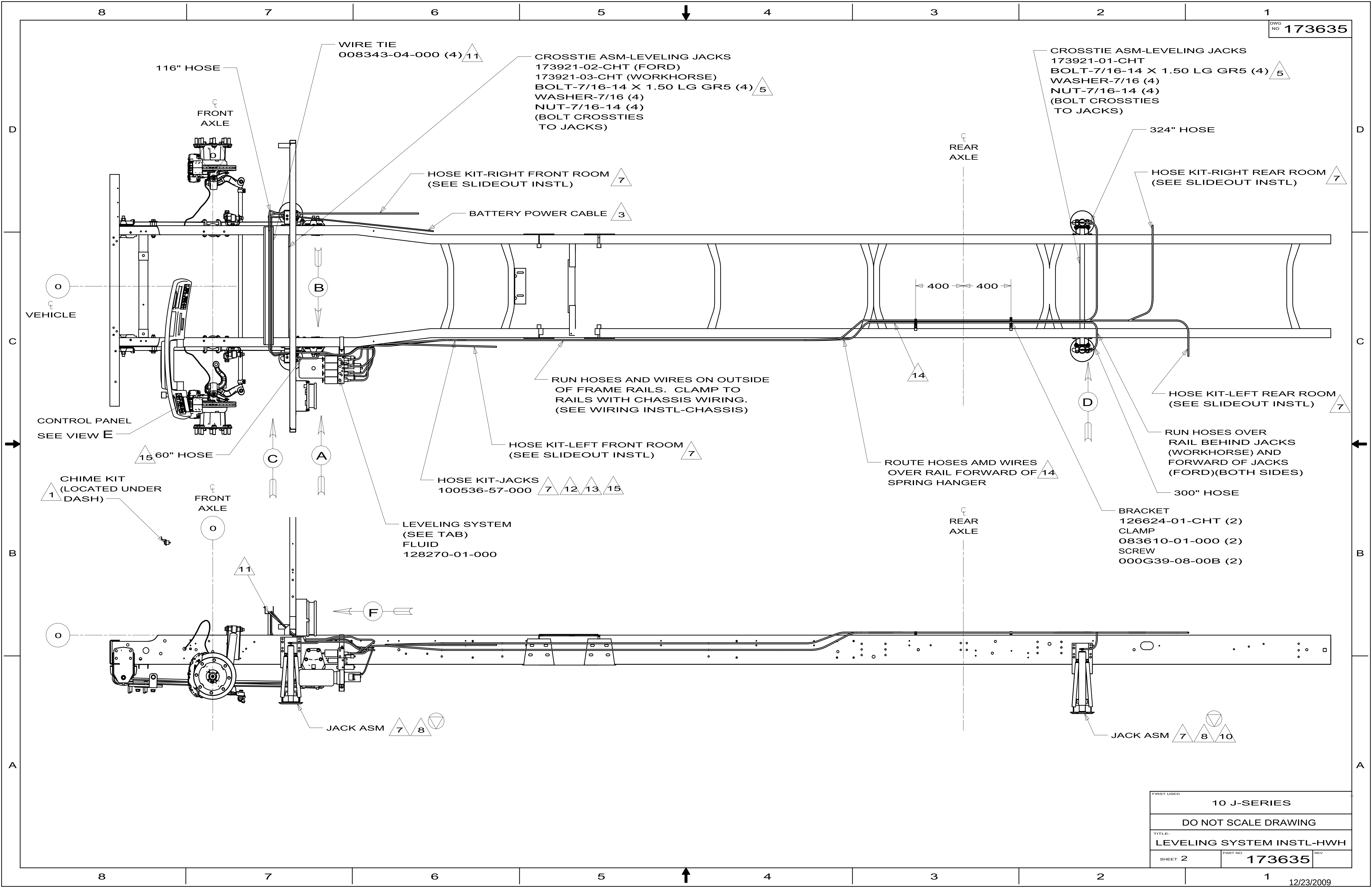
REV

ZONE

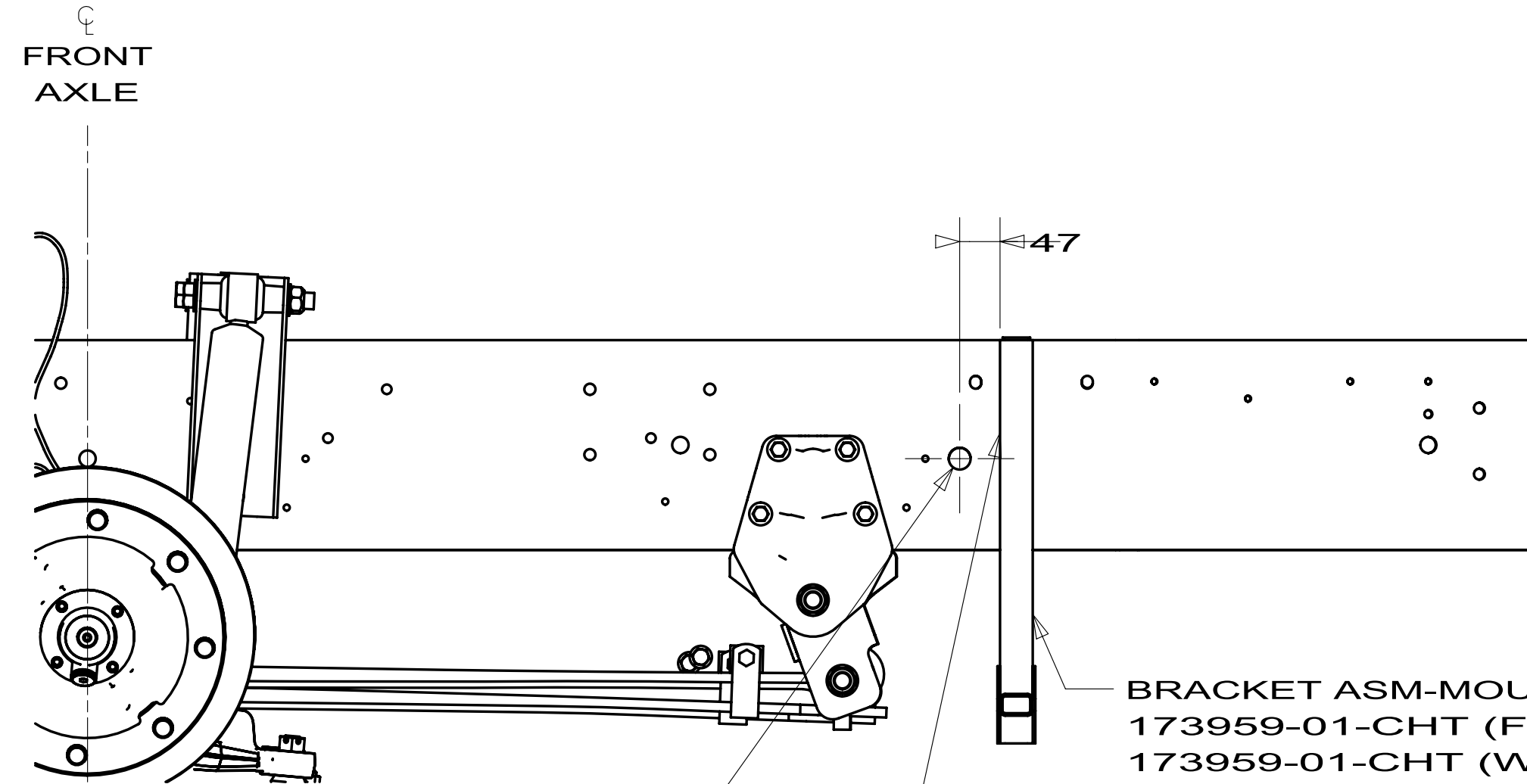
REVISION RECORD

DATE

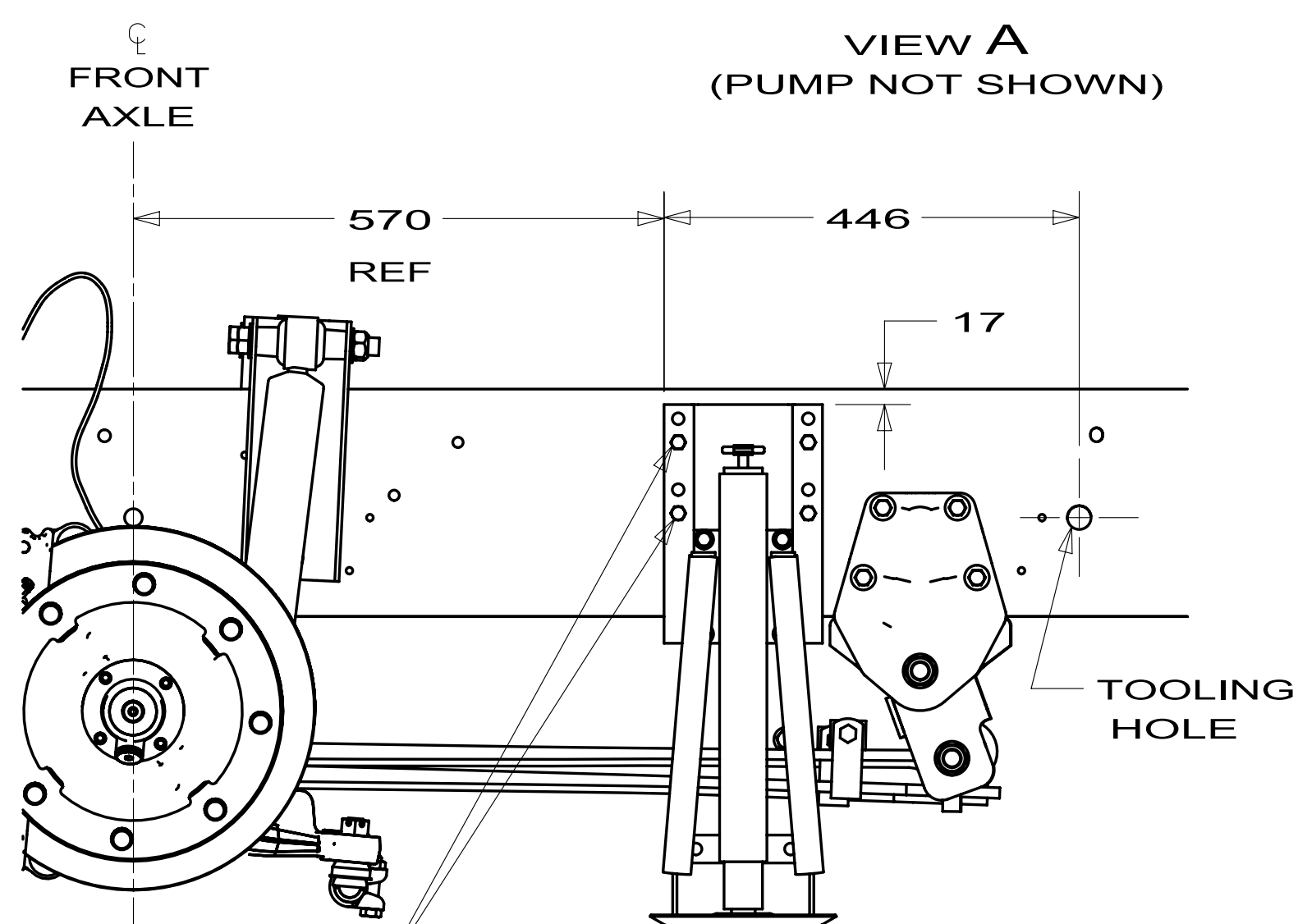
DFTR ORIG



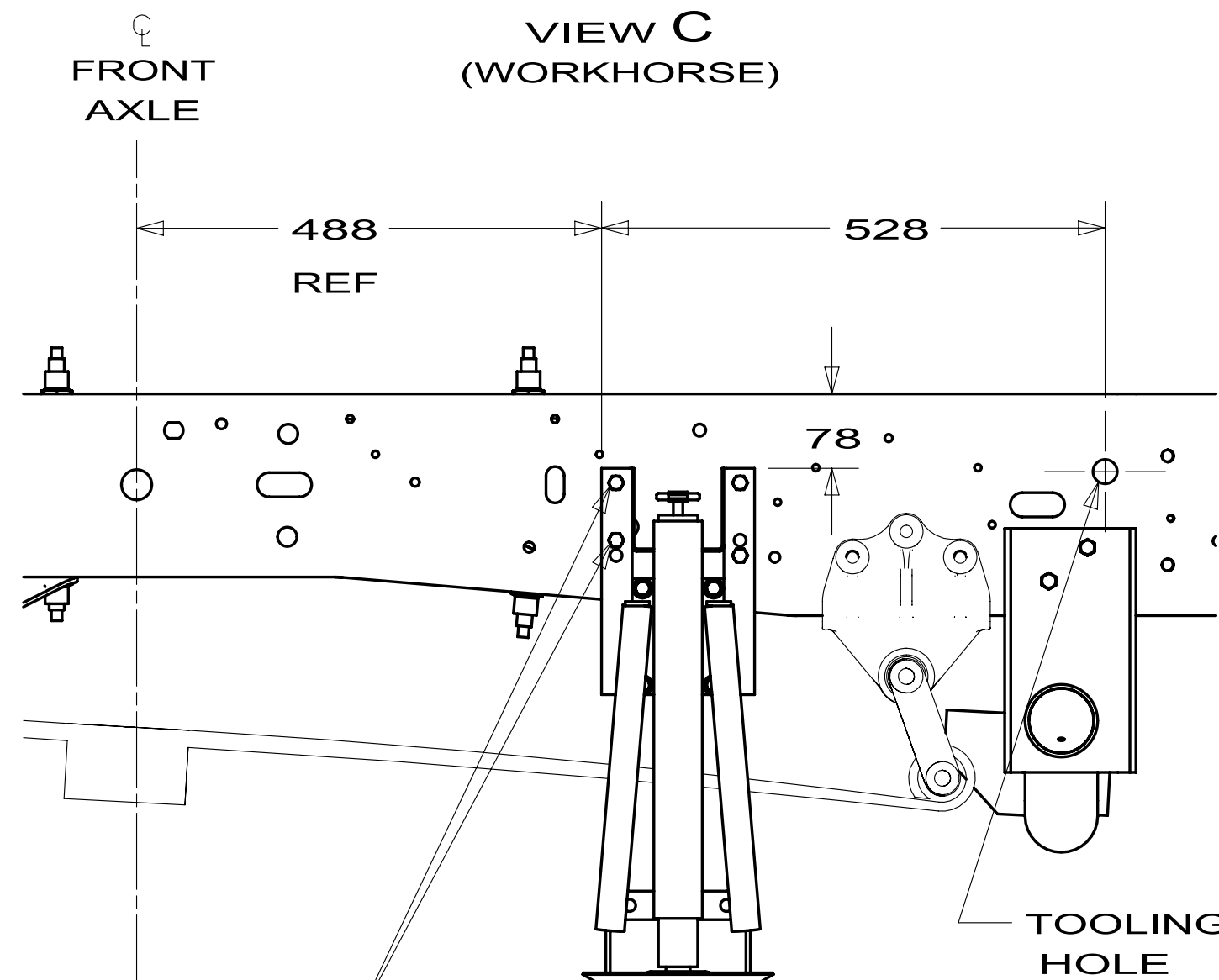
FIRST USED		
10 J-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
LEVELING SYSTEM INSTL-HWH		
SHEET 2	PART NO	REV
	173635	



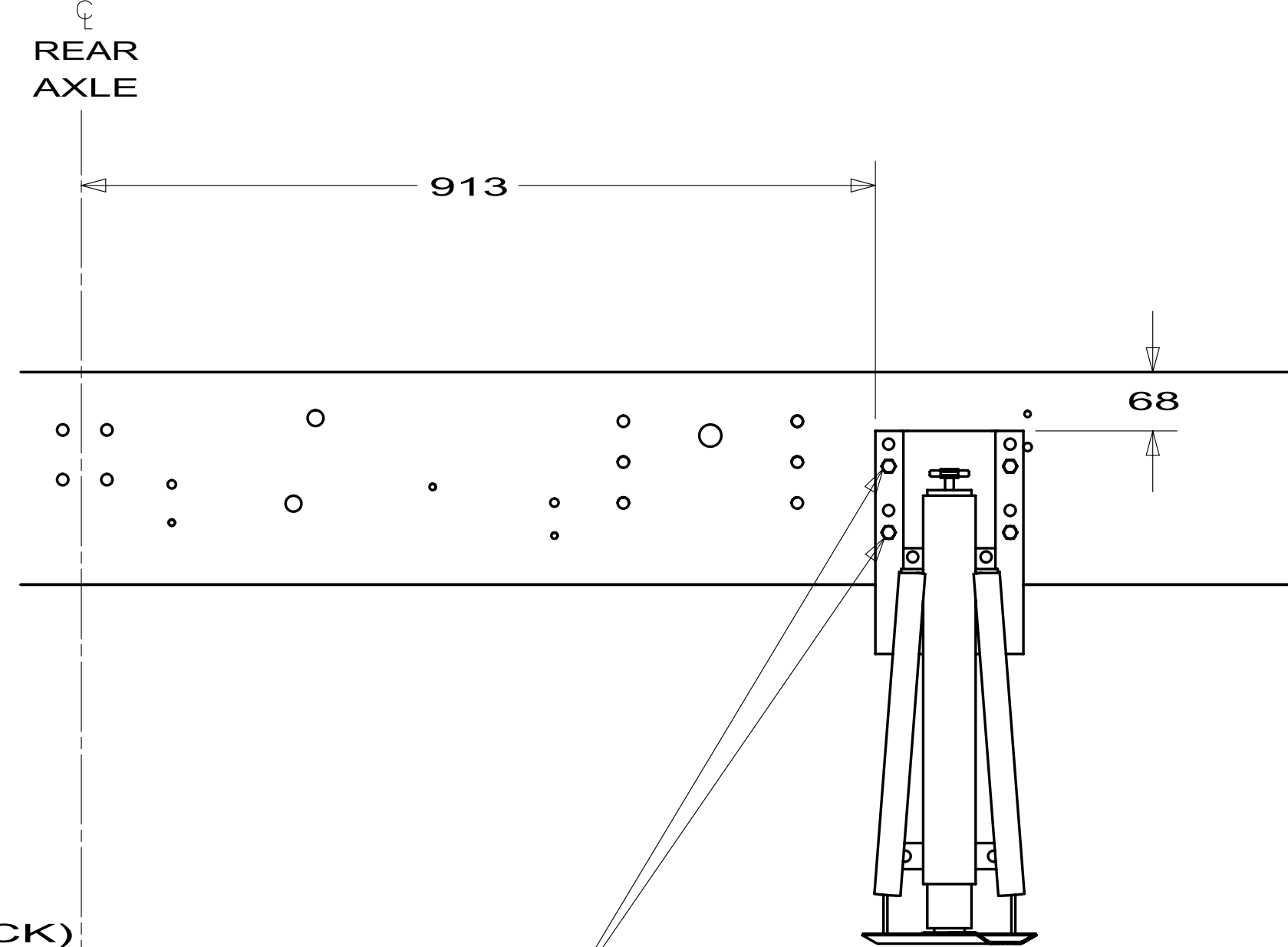
VIEW A
(PUMP NOT SHOWN)



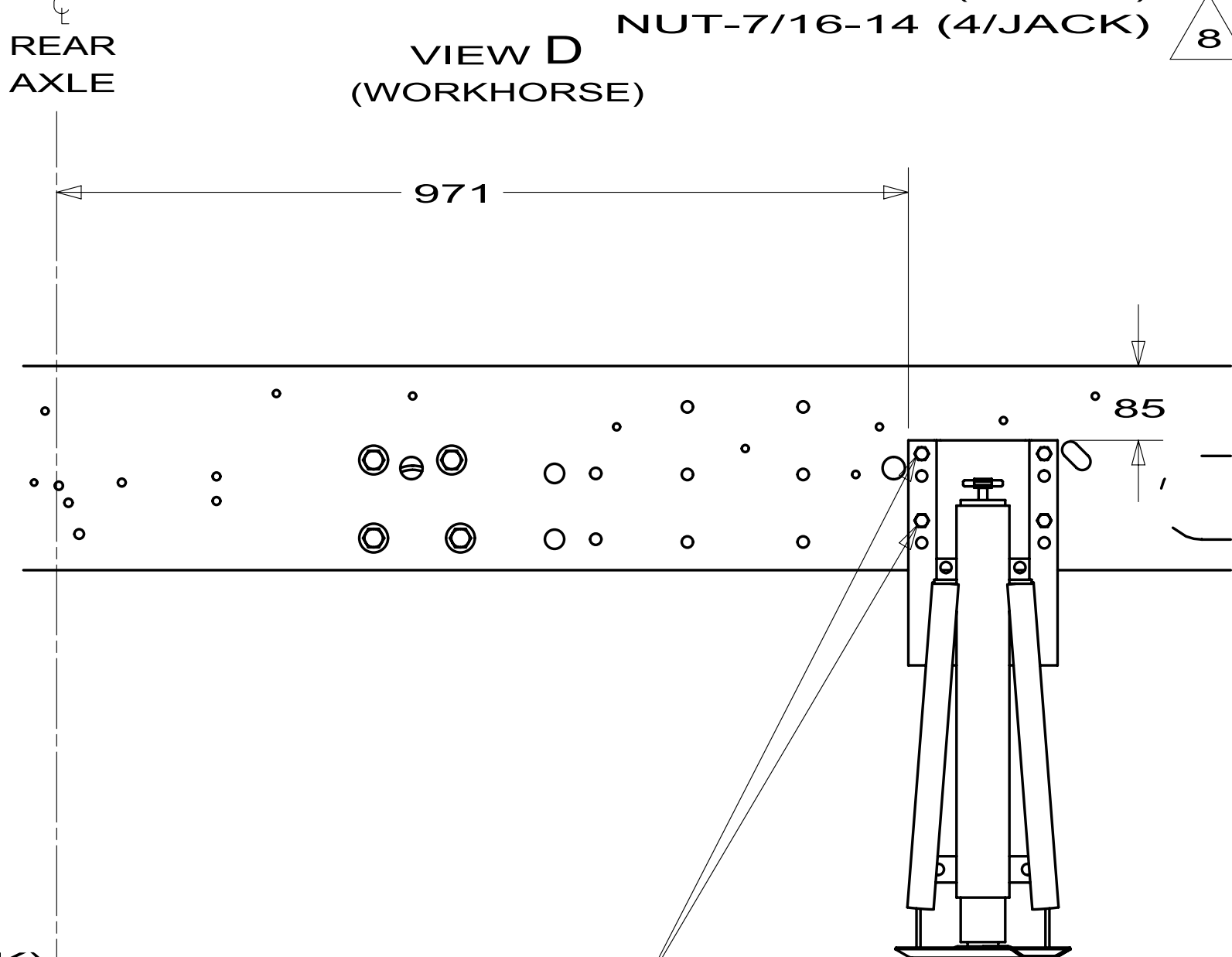
VIEW C
(WORKHORSE)



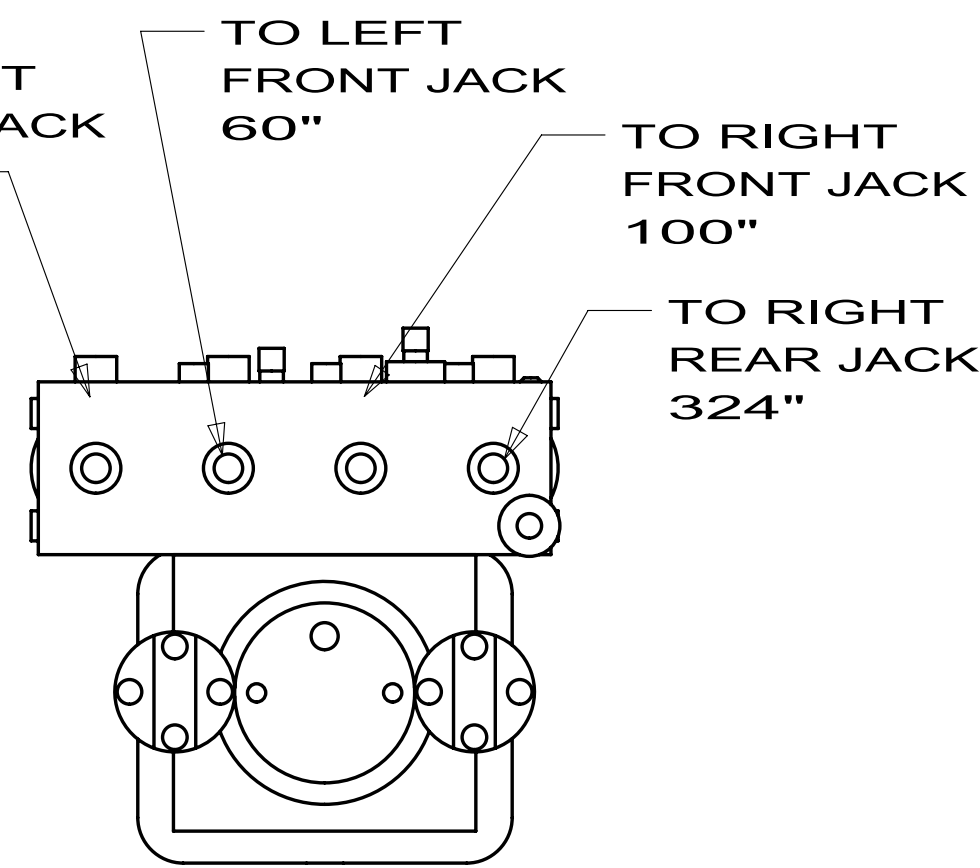
VIEW C
(FORD)



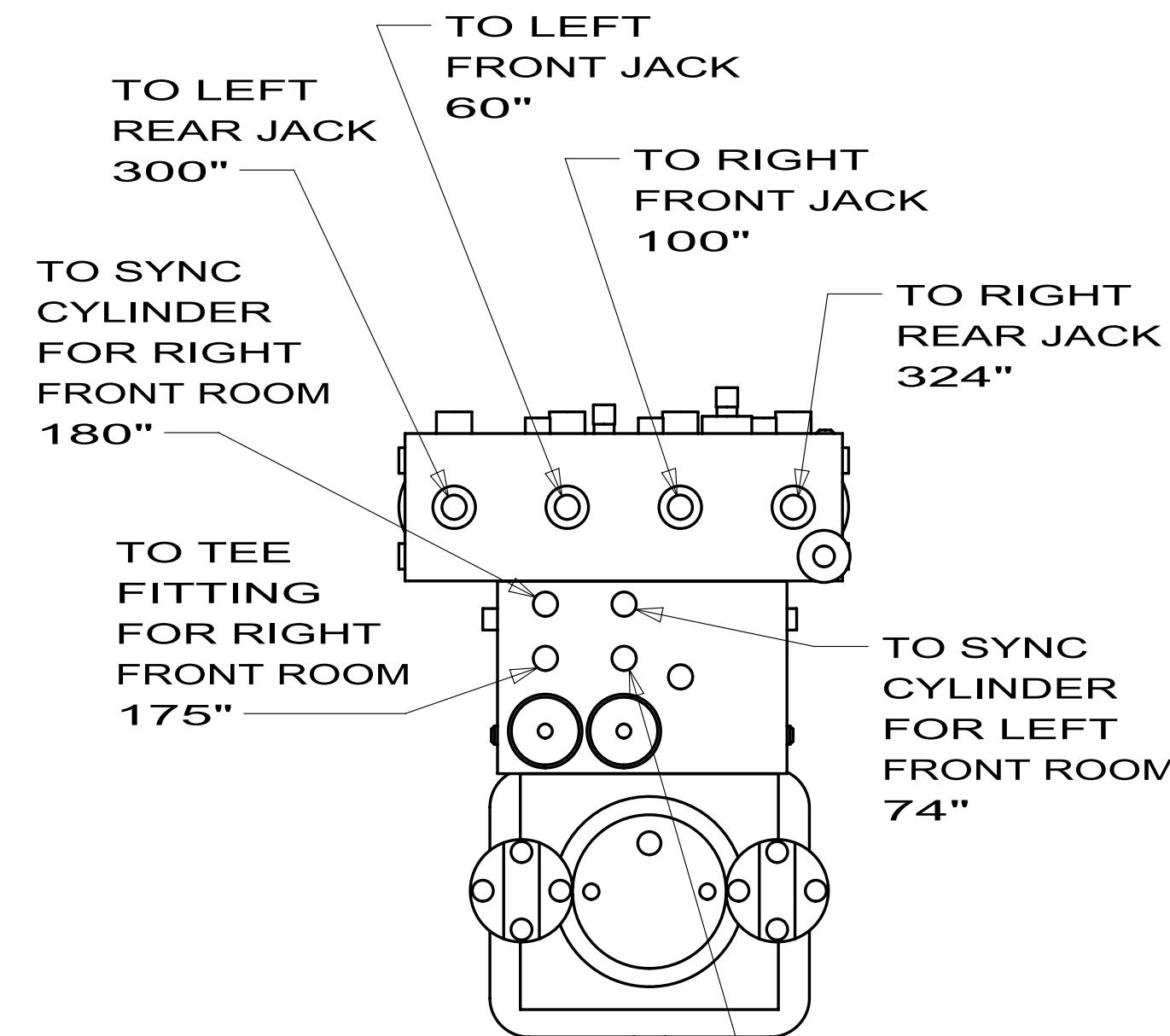
VIEW D
(WORKHORSE)



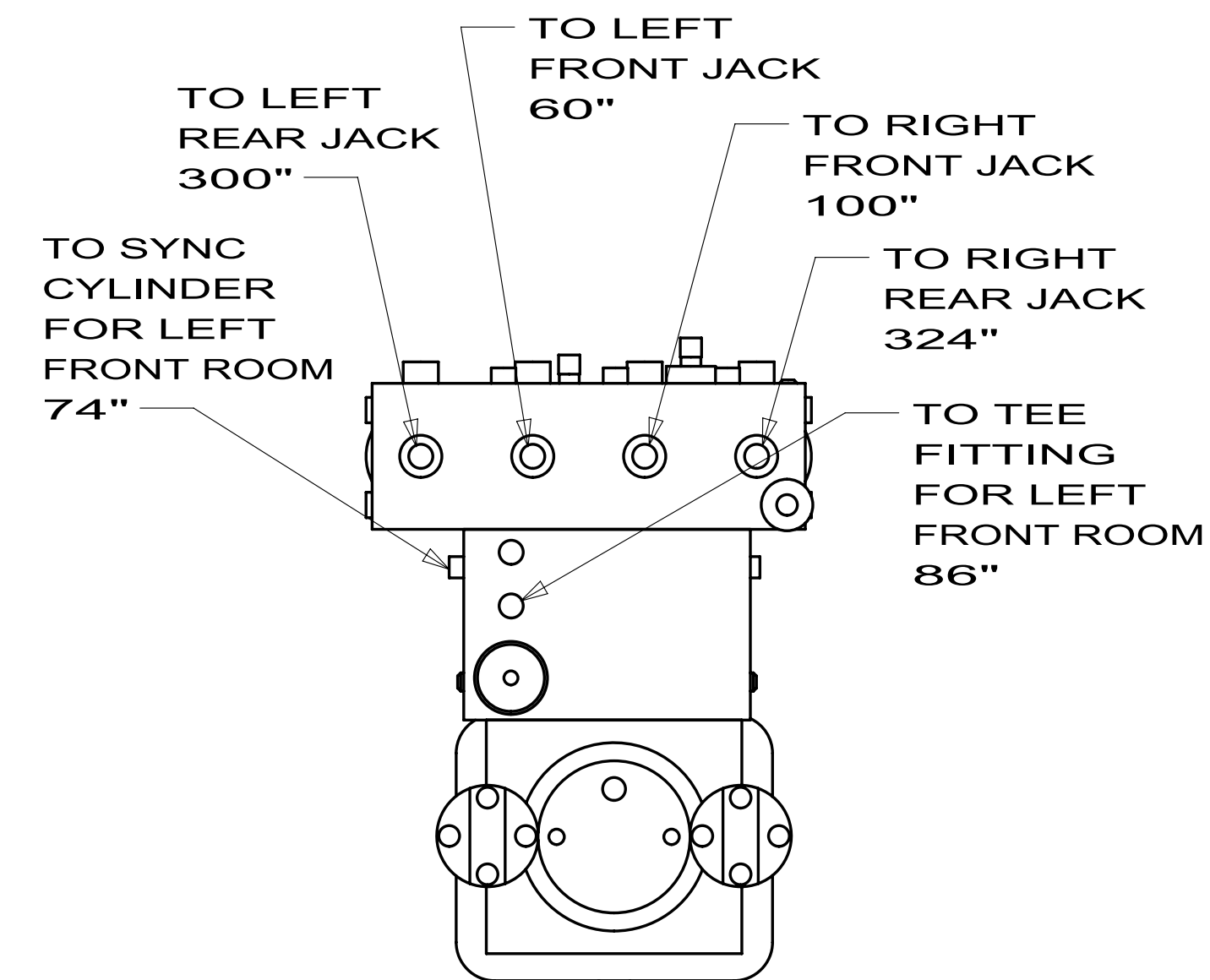
VIEW D
(FORD)



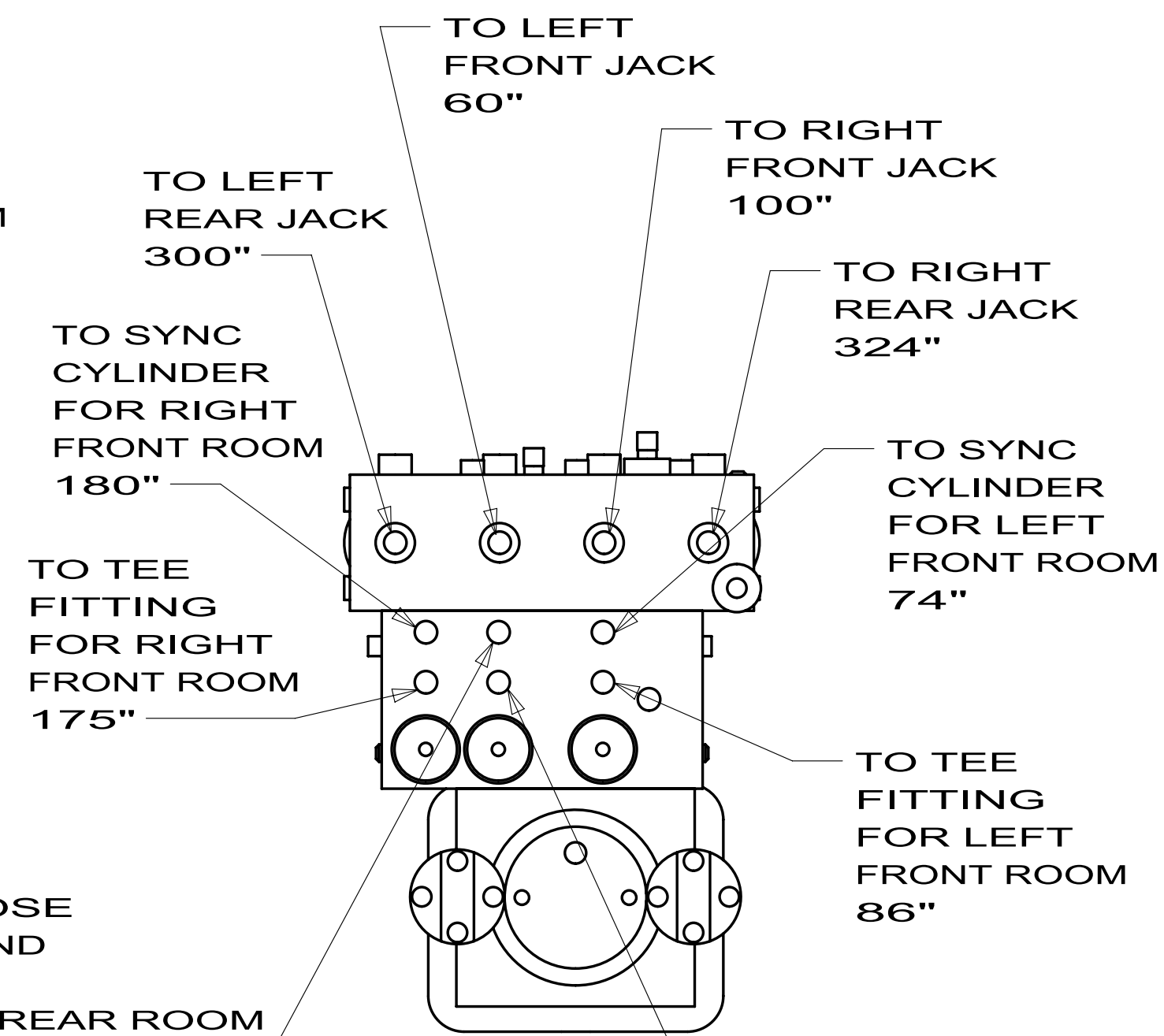
VIEW B
(0-ROOM)



DETAIL B
(2-ROOM)

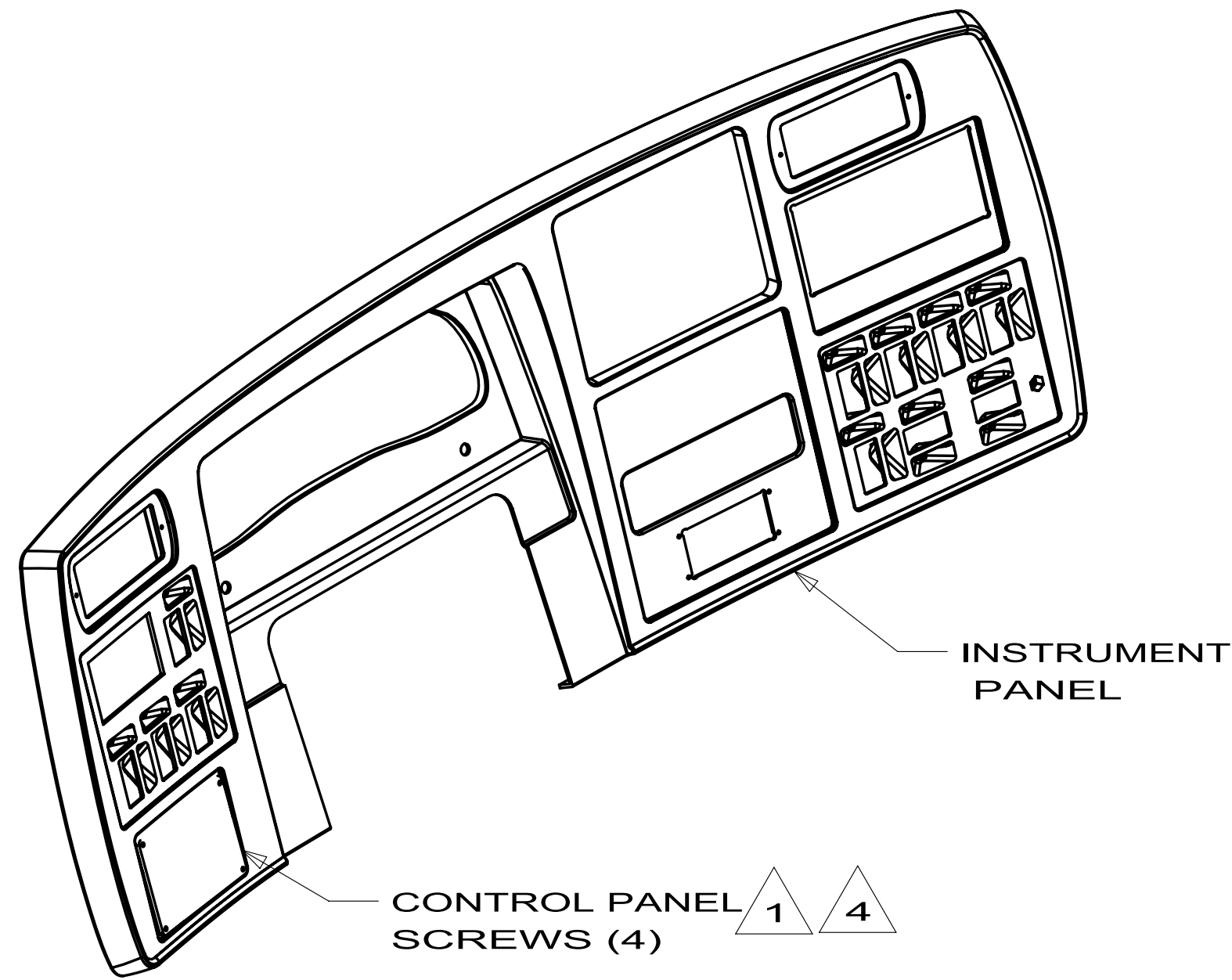


DETAIL B
(1-ROOM)

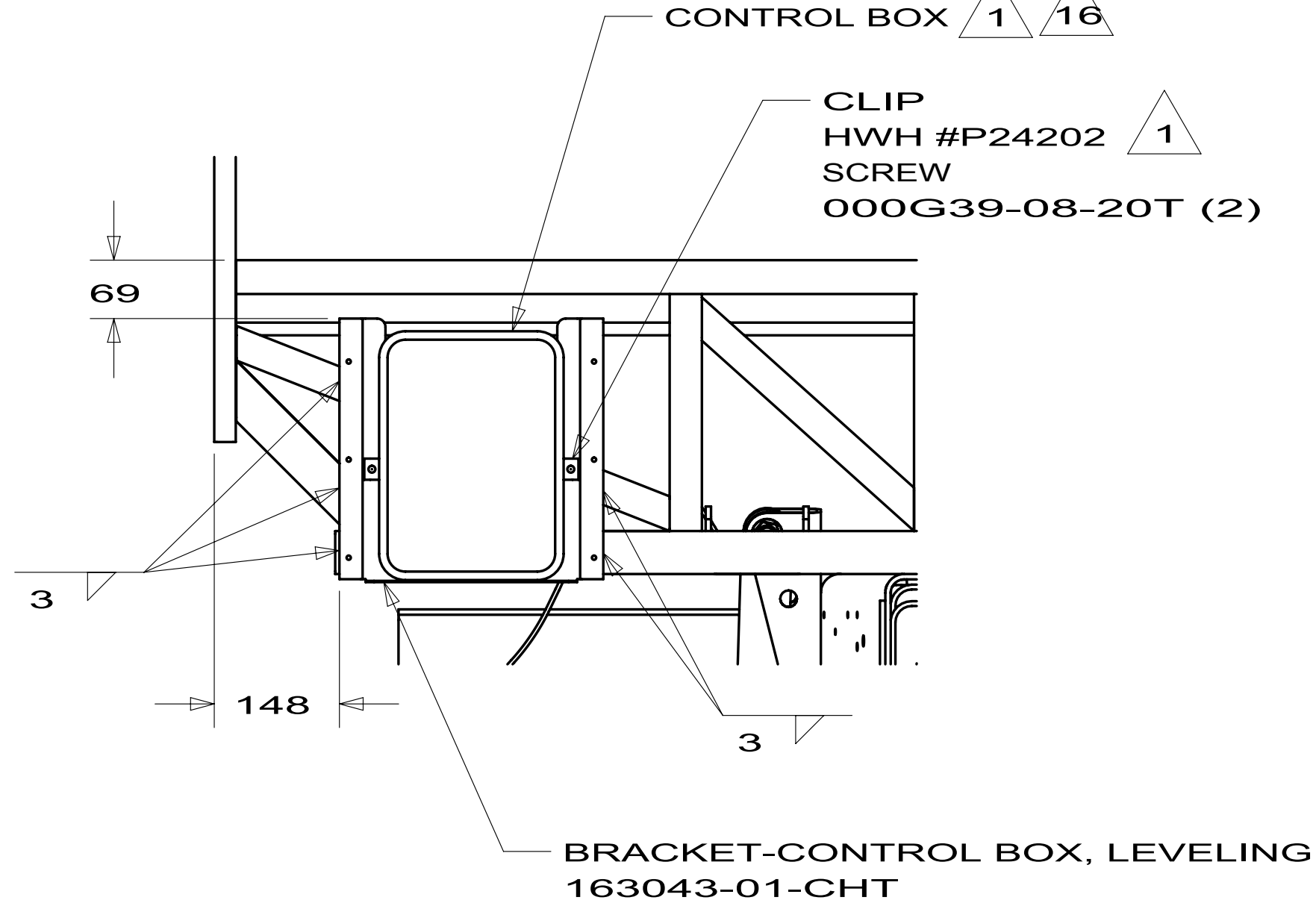


DETAIL B
(3-ROOM)

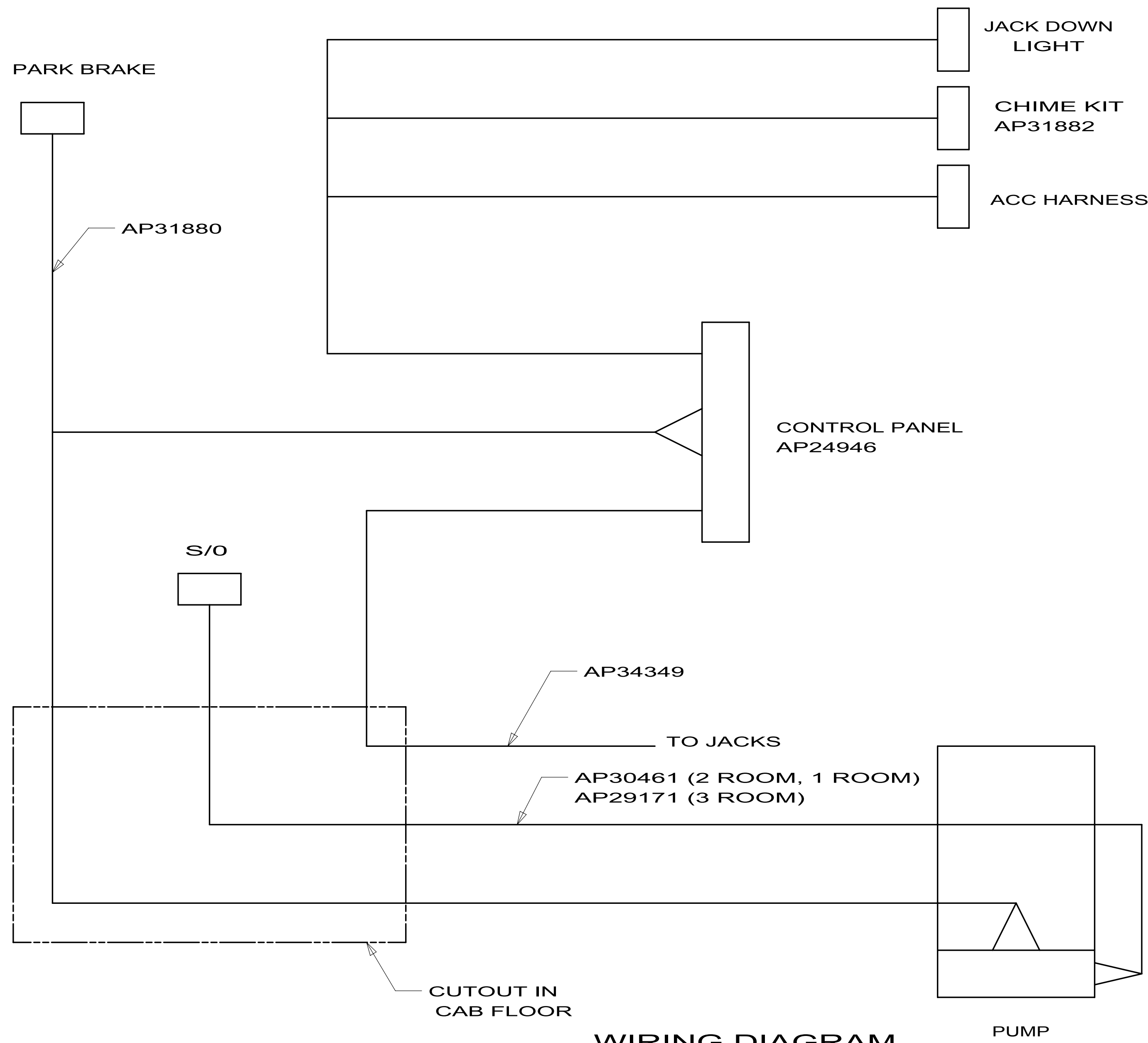
FIRST USED		
10 J-SERIES		
DO NOT SCALE DRAWING		
TITLE: LEVELING SYSTEM INSTL-HWH		
SHEET 3	PART NO 173635	REV



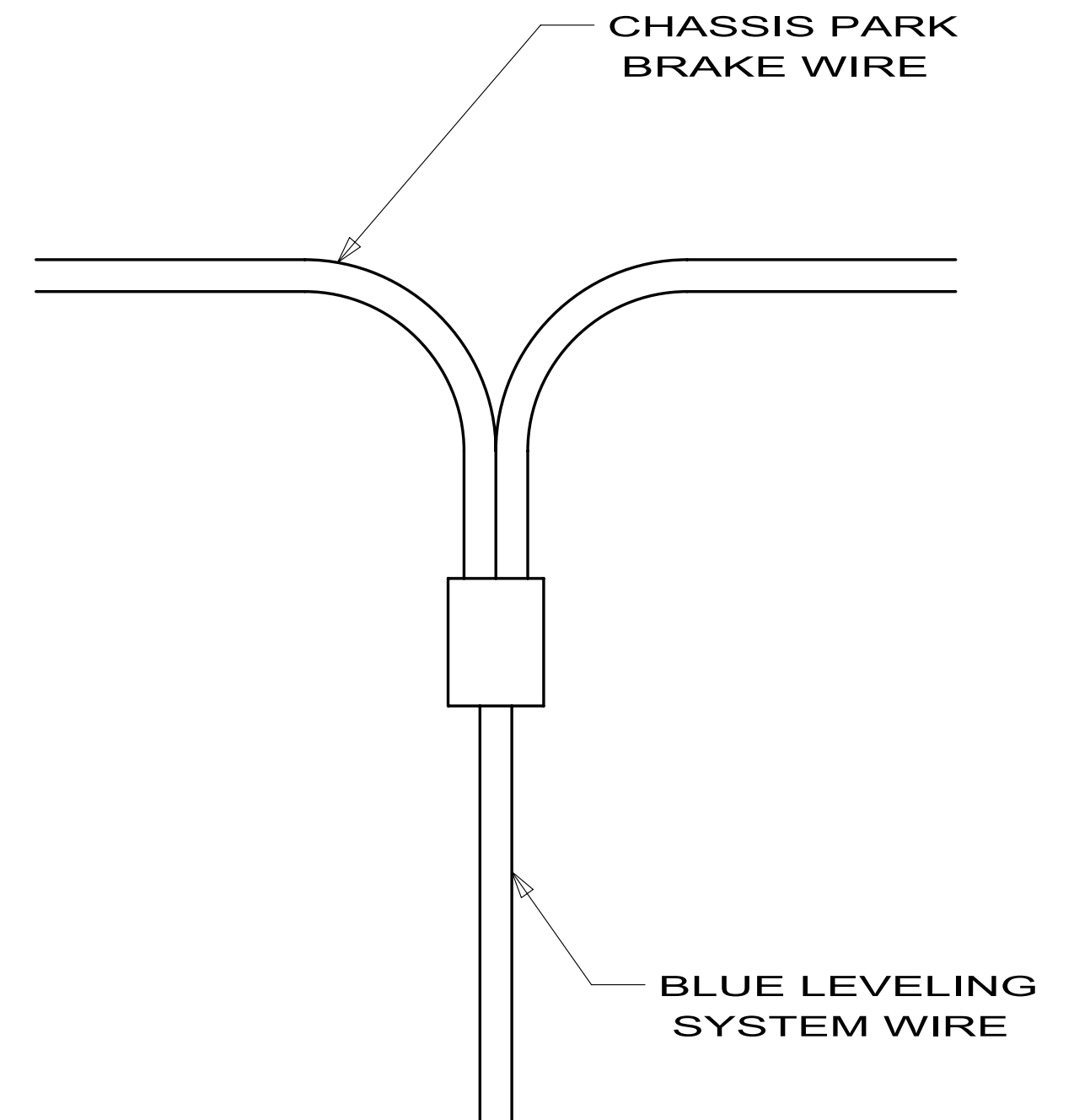
VIEW E



VIEW F

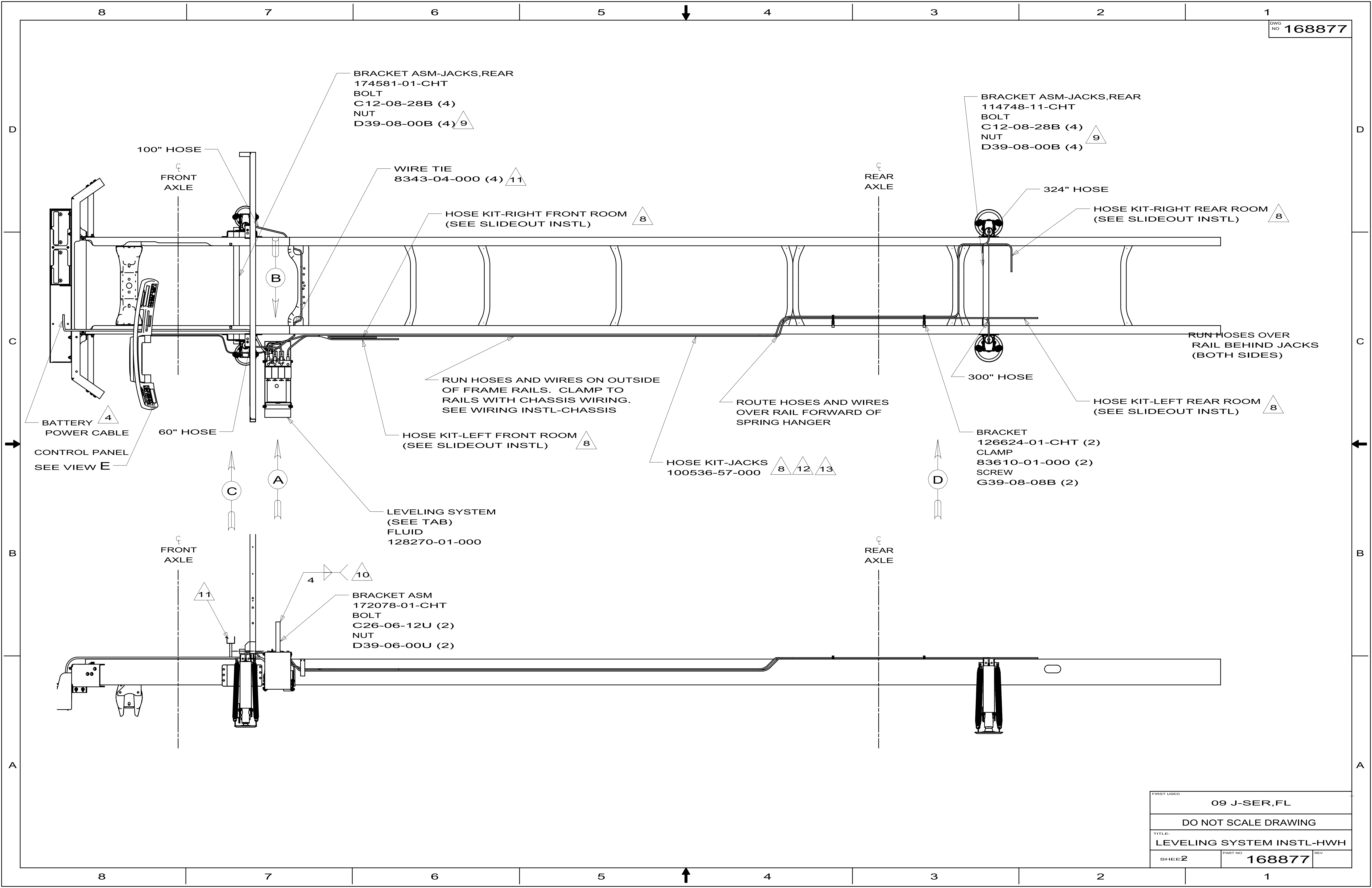


WIRING DIAGRAM

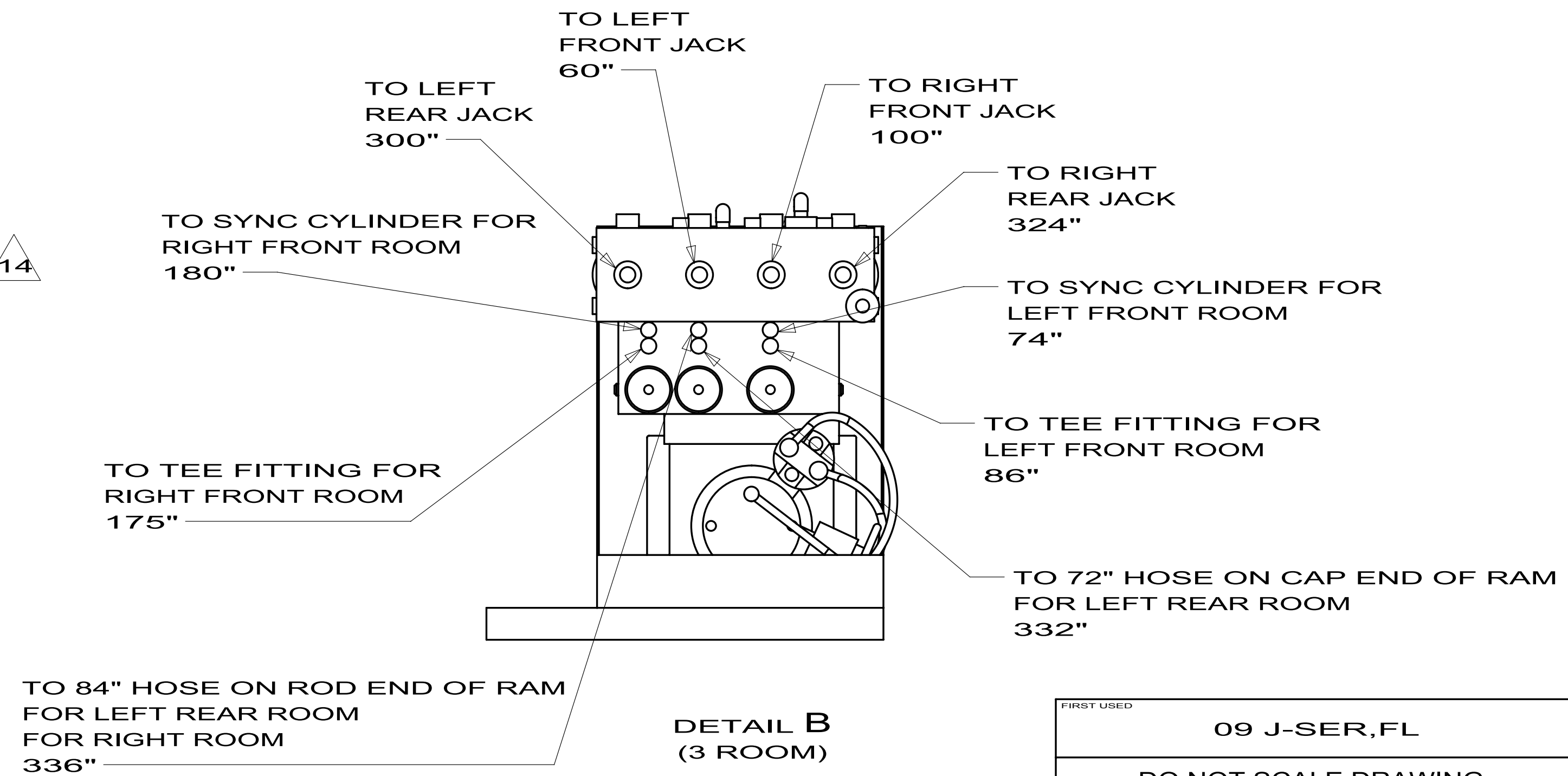
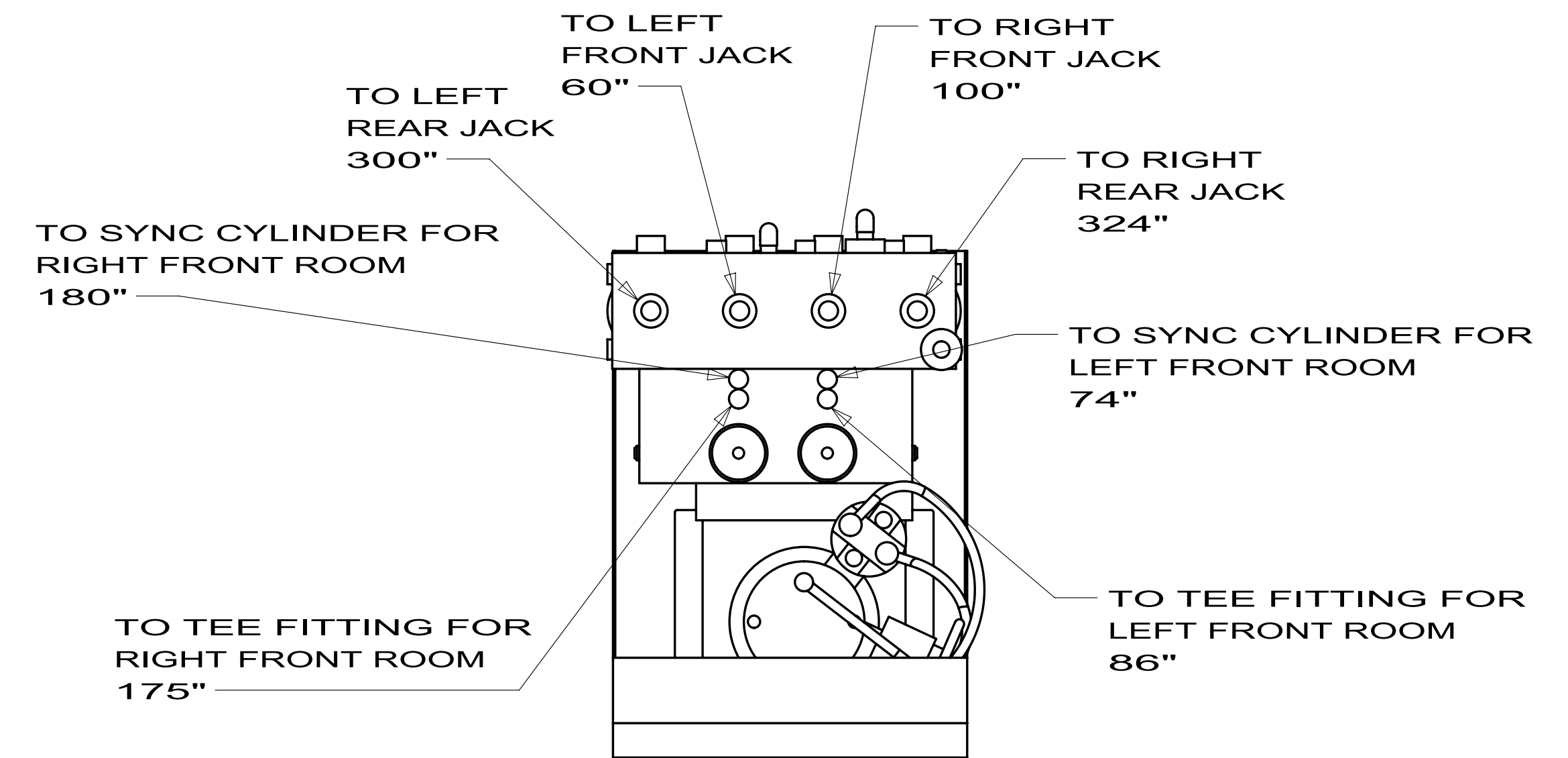
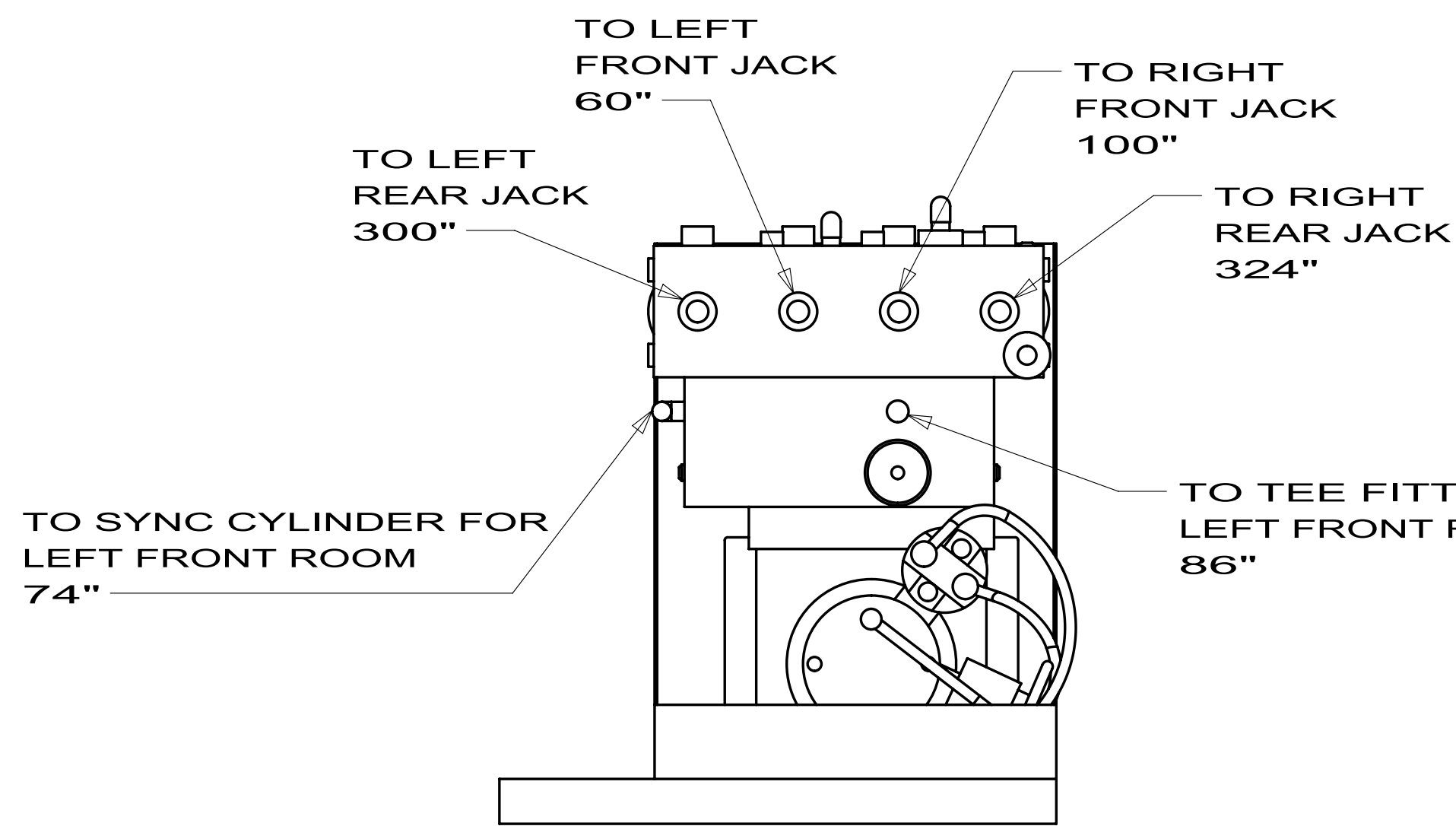
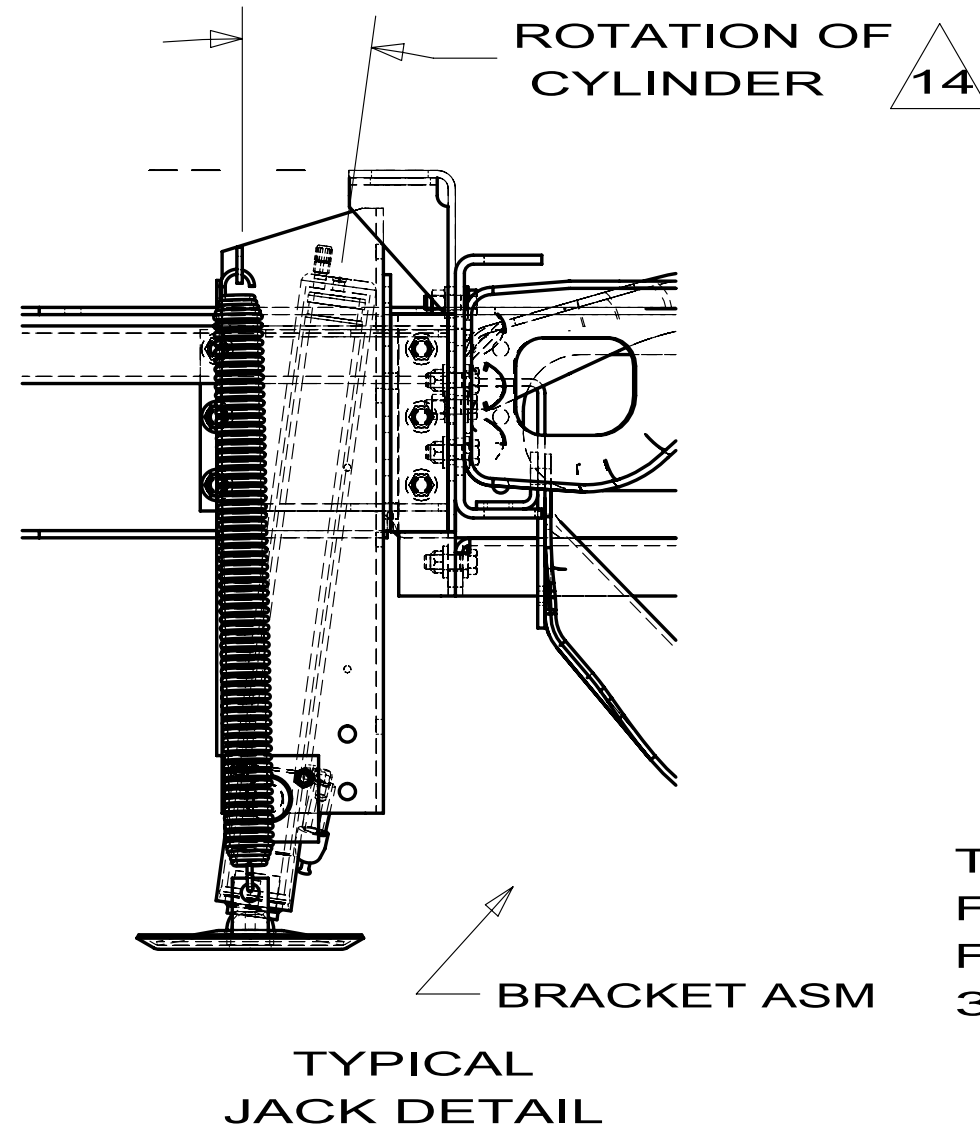
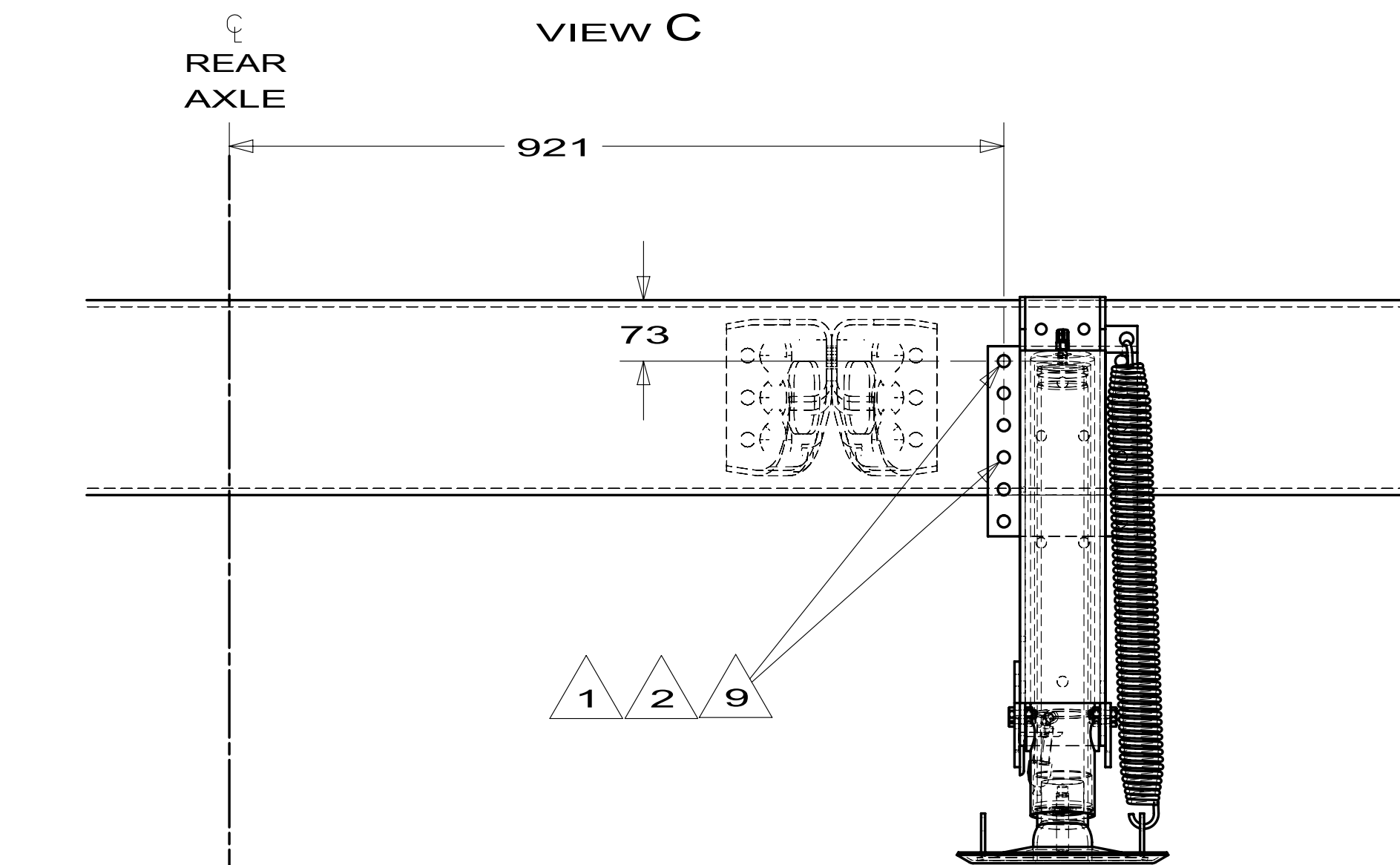
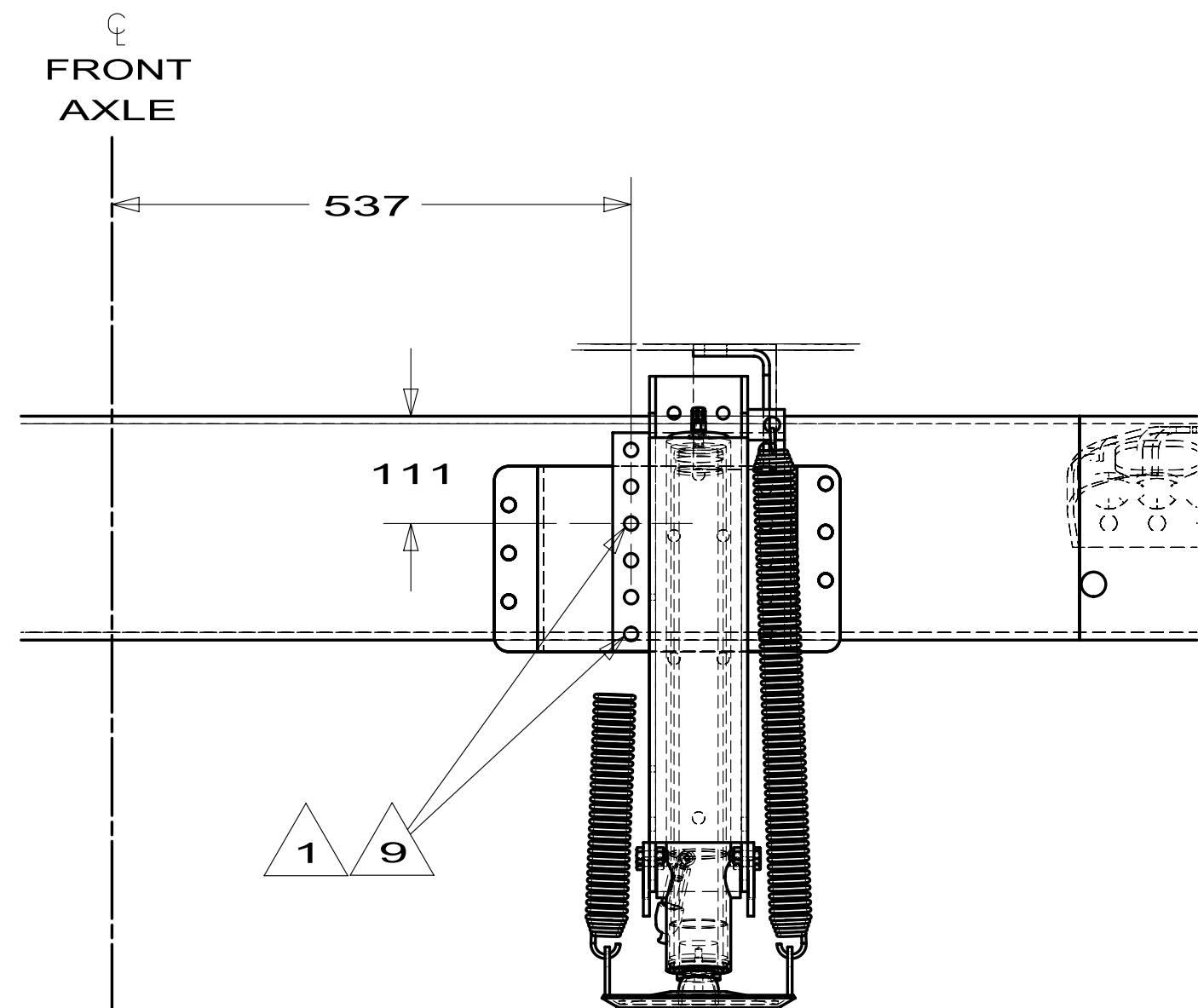
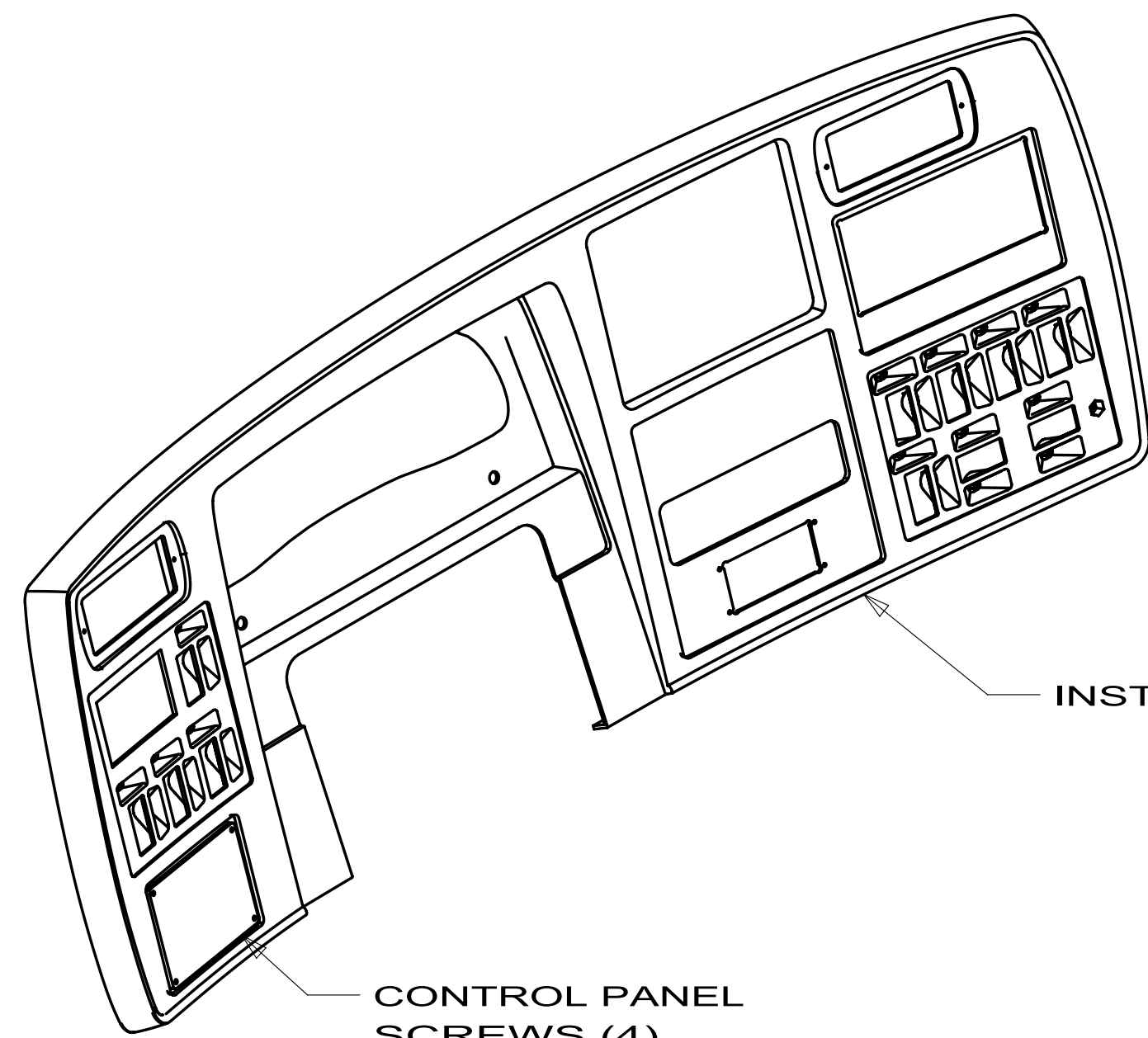
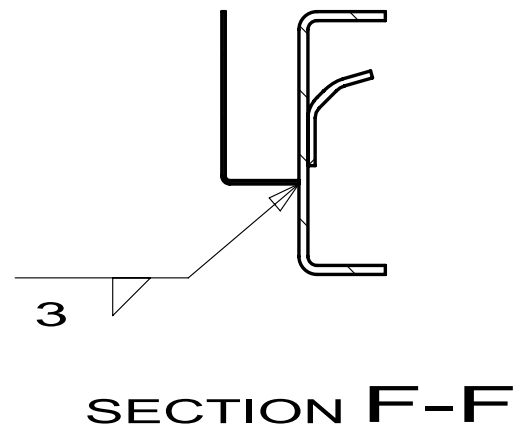
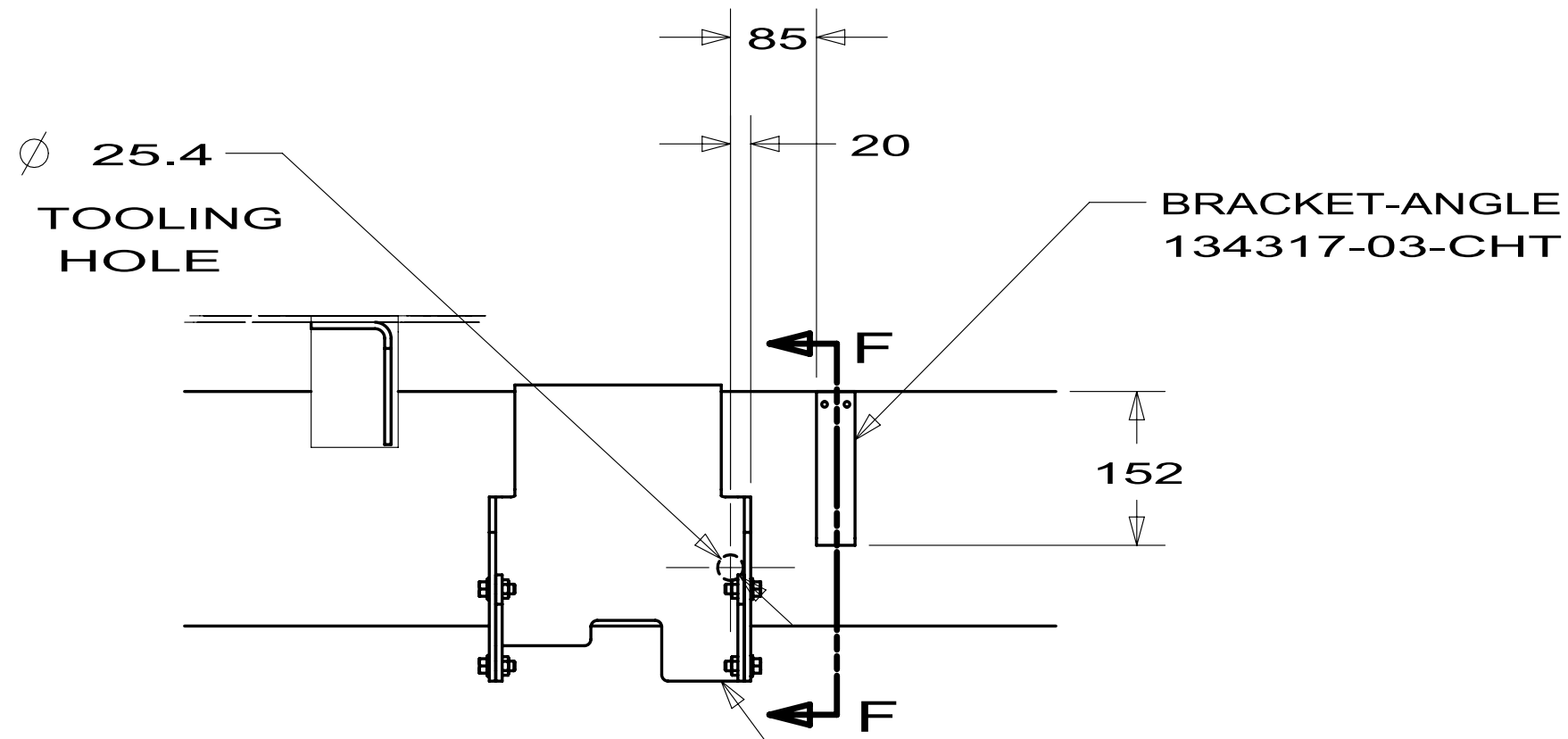


FIRST USED		
10 J-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
LEVELING SYSTEM INSTL-HWH		
SHEET 4	PART NO 173635	REV

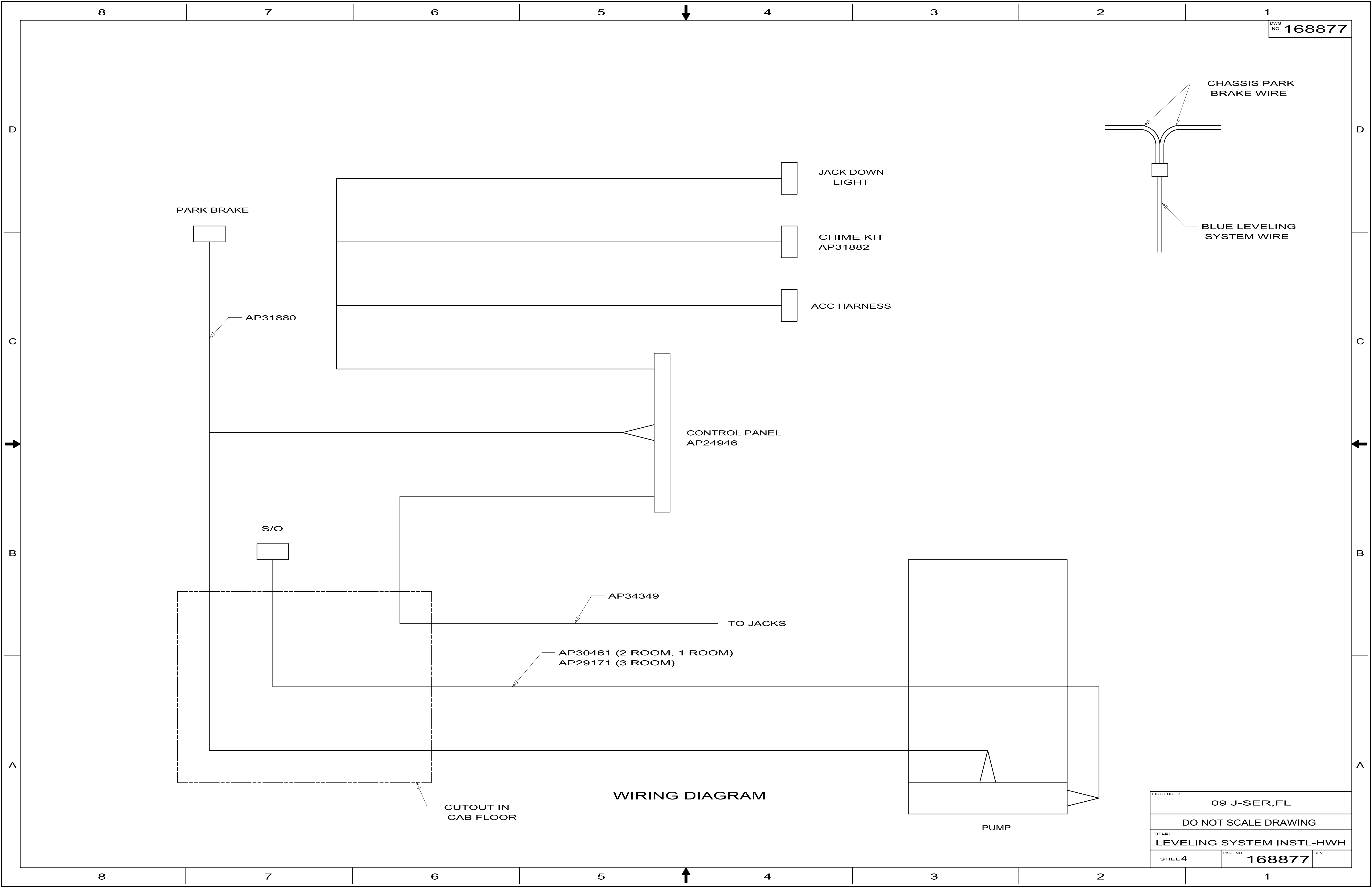
RELEASE		REV A	DATE	DWG NO	168877
REV	ZONE	REVISION RECORD			DATE
					DFTR-ORIG



FIRST USED		
09 J-SER,FL		
DO NOT SCALE DRAWING		
TITLE:		
LEVELING SYSTEM INSTL-HWH		
SHEET 2	PART NO 168877	REV



FIRST USED		09 J-SER,FL	
DO NOT SCALE DRAWING			
TITLE: LEVELING SYSTEM INSTL-HWH			
SHEET 3	PART NO	168877	REV



153452-01-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-08-703	EA PUMP MOTOR/TANK ASM-MONARCH	RAP91282/AP30348
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	153452-01-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91260/AP30831

153452-02-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-26-700	EA PUMP MOTOR/TANK ASM-PARKER	RAP91243/AP29808
	144226-26-701	EA ENCLOSURE BOX W/SENSING UNIT	RAP91263/AP31343
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771

153452-03-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT JACK 12,000#	R91642
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-26-700	EA PUMP MOTOR/TANK ASM-PARKER	RAP91243/AP29808
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	144226-42-700	EA CONTROL BOX W/SENSING UNIT	RAP91267/AP30126

153452-06-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-08-703	EA PUMP MOTOR/TANK ASM-MONARCH	RAP91282/AP30348
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	153452-06-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91271/AP30934

153452-07-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-08-703	EA PUMP MOTOR/TANK ASM-MONARCH	RAP91282/AP30348
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	144226-29-700	EA CYLINDER - 6K (325)	RAP91184/AP31656
	144226-29-701	EA CYLINDER - 9K (325)	RAP91185/AP31982
	153452-01-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91260/AP30831

153452-08-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-08-703	EA PUMP MOTOR/TANK ASM-MONARCH	RAP91282/AP30348
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	144226-29-700	EA CYLINDER - 6K (325)	RAP91184/AP31656
	144226-29-701	EA CYLINDER - 9K (325)	RAP91185/AP31982
	153452-06-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91271/AP30934

153452-18-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-700	EA CYLINDER W/O FOOT - 6K	RAP91661
	153452-18-701	EA FOOT - 6K JACK	RAP8126
	153452-18-702	EA BRACKET - 9K JACK MOUNT	RAP90844
	153452-18-703	EA ENCLOSURE BOX W/SENSING UNIT	RAP91763/AP36467
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-18-706	EA BRACKET/MOUNT - FRONT JACK	AP34580
	153452-18-707	EA CROSSMEMBER/FRONT - FORD	AP34549
	157770-01-703	EA TOUCH PAD - 625 FORD C BODY	RAP91864/AP36468

153452-19-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-700	EA CYLINDER W/O FOOT - 6K	RAP91661
	153452-18-701	EA FOOT - 6K JACK	RAP8126
	153452-18-702	EA BRACKET - 9K JACK MOUNT	RAP90844
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-19-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91765/AP36765
	153452-19-701	EA MANIFOLD	AP36817
	153452-19-702	EA STUD/BOLT	P11767
	157770-01-703	EA TOUCH PAD - 625 FORD C BODY	RAP91864/AP36468

153452-20-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-29-700	EA CYLINDER - 6K (325)	RAP91184/AP31656
	144226-29-701	EA CYLINDER - 9K (325)	RAP91185/AP31982
	153452-18-703	EA ENCLOSURE BOX W/SENSING UNIT	RAP91763/AP36467
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-20-700	EA BRACKET - 6K JACK MOUNT	RAP91709
	157770-01-703	EA TOUCH PAD - 625 FORD C BODY	RAP91864/AP36468

153452-21-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-29-700	EA CYLINDER - 6K (325)	RAP91184/AP31656
	144226-29-701	EA CYLINDER - 9K (325)	RAP91185/AP31982
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-19-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91765/AP36765
	153452-20-700	EA BRACKET - 6K JACK MOUNT	RAP91709
	157770-01-703	EA TOUCH PAD - 625 FORD C BODY	RAP91864/AP36468

153452-22-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100523-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642/AP31628
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT - 12K JACK (PAIR),	R91642
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-39-702	EA CYLINDER - 9K	RAP9567
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-22-700	EA BRACKET - 9K JACK MOUNT	RAP9536
	153452-22-701	EA BRACKET - 12K JACK MOUNT	AP91601
	153452-22-702	EA ENCLOSURE BOX W/SENSING UNIT	RAP91764/AP36764
	153452-22-703	EA PUMP/MOTOR/TANK ASM.	RAP91686/AP36694

153452-23-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642/AP31628
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT - 12K JACK (PAIR)	R91642
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-39-702	EA CYLINDER - 9K	RAP9567
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-22-700	EA BRACKET - 9K JACK MOUNT	RAP9536
	153452-22-701	EA BRACKET - 12K JACK MOUNT	AP91601
	153452-22-703	EA PUMP/MOTOR/TANK ASM.	RAP91686/AP36694
	153452-23-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91766/AP36769

153452-24-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT - 12K JACK (PAIR)	R91642
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-22-701	EA BRACKET - 12K JACK MOUNT	AP91601
	153452-22-703	EA PUMP/MOTOR/TANK ASM.	RAP91686/AP36694
	153452-23-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91766/AP36769

153452-25-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT - 12K JACK (PAIR)	R91642
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-22-701	EA BRACKET - 12K JACK MOUNT	AP91601
	153452-22-703	EA PUMP/MOTOR/TANK ASM.	RAP91686/AP36694
	153452-23-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91766/AP36769

153452-26-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-25-702	EA CYLINDER ONLY (12,000# JACK)	RAP9517/AP29042
	100532-25-705	EA SPRING KIT - 12K JACK (PAIR)	R91642
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-700	EA VELOCITY VALVE ASM.W/4 VALVE	RAP90280
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-22-701	EA BRACKET - 12K JACK MOUNT	AP91601
	153452-22-702	EA ENCLOSURE BOX W/SENSING UNIT	RAP91764/AP36764
	153452-22-703	EA PUMP/MOTOR/TANK ASM.	RAP91686/AP36694

153452-28-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-09-701	EA VELOCITY VALVE - SINGLE	RAP90279/AP11578
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-700	EA CYLINDER W/O FOOT - 6K	RAP91661
	153452-18-701	EA FOOT - 6K JACK	RAP8126
	153452-18-702	EA BRACKET- 9K JACK MOUNT	RAP90844
	153452-18-703	EA ENCLOSURE BOX W/SENSING UNIT	RAP91763/AP36467
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	157770-01-703	EA TOUCH PAD-625 FORD C BODY	RAP81754/AP36468

153452-29-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA SPRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	100532-53-700	EA CYLINDER W/O FOOT - 9K	RAP90491/AP15891
	131306-02-701	EA FOOT/JACK - 9K & 12K	RAP8464/AP17525
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	153452-18-700	EA CYLINDER W/O FOOT - 6K	RAP91661
	153452-18-701	EA FOOT - 6K JACK	RAP8126
	153452-18-702	EA BRACKET- 9K JACK MOUNT	RAP90844
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	157770-01-703	EA TOUCH PAD-625 FORD C BODY	RAP81754/AP36468
	157770-01-704	EA ENCLOSURE BOX W/SENSING UNIT	RAP91762/AP36595

153452-31-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-716	EA SOLENOID-CONTINUOUS DUTY	RAP7505
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-03-726	EA SWITCH - PRESSURE	RAP8003
	100532-09-705	EA SWITCH-PRESS - 3000 LB.	RAP0993
	100532-09-710	EA SOLENOID-INTERMITENT DUTY	RAP0533
	100532-12-707	EA PRING KIT (PAIR)	R3847
	100532-32-704	EA CHIME - JACK WARNING	RAP90681/AP19765
	131306-02-700	EA FOOT - 6K JACK	RAP2004/AP13882
	131306-11-704	EA PRESSURE SWITCH - 50 PSI	RAP2082
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-01-700	EA SWITCH - WARNING/MAGNETIC	RAP90968/AP26641
	144226-08-702	EA SENSOR/BI-AXIS - PROGRAMABLE	RAP91172/AP28010
	144226-29-700	EA CYLINDER - 6K (325)	RAP91184/AP31656
	144226-29-701	EA CYLINDER - 9K (325)	RAP91185/AP31982
	153452-20-700	EA BRACKET - 6K JACK MOUNT	RAP91709
	153452-18-704	EA PUMP/MOTOR/TANK ASM.	RAP91281/AP38255
	153452-18-705	EA MOTOR ONLY - 3.7" MONARCH	RAP91249
	153452-20-700	EA BRACKET - 6K JACK MOUNT	RAP91709
	157770-01-703	EA TOUCH PAD - 625 FORD C BODY	RAP91864/AP36468
	157770-01-704	EA ENCLOSURE BOX W/SENSING UNIT	RAP91762/AP36595

153452-32-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	100532-03-717	EA VALVE-PRESS., RETURN SHUTTLE	RAP7964
	100532-09-704	EA VALVE-PRESS SOLENOID(LARGE)	RAP0642/AP31628
	131306-12-702	EA VALVE-PRESS SOLENOID (SMALL)	RAP90729/AP24604
	144226-26-700	EA PUMP MOTOR/TANK ASM-PARKER	RAP91243/AP29808
	144226-26-702	EA PUMP MOTOR ONLY - PARKER	RAP91244/AP31771
	153452-34-700	EA MANIFOLD - LEVELING	AP28306
	153452-34-701	EA MANIFOLD - SLIDE-ROOM	AP36693

153452-35-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	153452-23-700	EA ENCLOSURE BOX W/SENSING UNIT	RAP91766/AP36769

153452-39-000			
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	153452-39-700	EA CYLINDER	RAP92045

KEY	PART NUMBER	U/M DESCRIPTION
	100536-14-701	EA HOSE-HYDRAULIC - 1/4"X 108"
	131360-01-701	EA HOSE-HYDRAULIC-1/4" X 125"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-09-700	EA HOSE-HYDRAULIC-324"
	100536-27-700	EA HOSE/HYDRAULIC - 1/4" X 332"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-36-701	EA HOSE-HYDRAULIC-156"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-42-700	EA HOSE-HYDRAULIC - 1/4" X 180"
	100536-42-701	EA HOSE-HYDRAULIC - 1/4" X 175"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-31-701	EA HOSE-HYDRAULIC - 1/4" X 96"
	100536-47-700	EA HOSE-HYDRAULIC - 1/4" X 416"
	100536-47-701	EA HOSE-HYDRAULIC - 1/4" X 378"
	115767-01-704	EA HOSE-HYDRAULIC - 1/4" X 146"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-51-700	EA HOSE - HYDRAULIC 1/4" X 444"
	100536-51-701	EA HOSE - HYDRAULIC 1/4" X 456"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-14-702	EA HOSE-HYDRAULIC-264"
	100536-35-701	EA HOSE - HYDRAULIC 1/4" X 252"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-09-700	EA HOSE-HYDRAULIC-324"
	100536-26-700	EA HOSE - HYDRAULIC-1/4" X 100"
	115767-01-705	EA HOSE-HYDRAULIC - 1/4" X 60"
	135250-02-700	EA HOSE-HYDRAULIC - 1/4" X 300"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-58-700	EA HOSE - HYD. 1/4" X 86"
	100536-58-701	EA HOSE - HYDRAULIC 1/4" X 74"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-27-700	EA HOSE/HYDRAULIC - 1/4" X 332"
	100536-37-701	EA HOSE/HYDRAULIC - 1/4" X 336"

KEY	PART NUMBER	U/M DESCRIPTION
	100536-09-701	EA HOSE-HYDRAULIC-1/4" X 60"
	100536-25-700	EA HOSE-HYDRAULIC-1/4" X 306"
	100536-26-700	EA HOSE - HYDRAULIC-1/4" X 100"
	100536-29-700	EA HOSE-HYDRAULIC-1/4" X 280"

100536-15-000
VENDOR NO.
 RAP4074
 RAP91473/AP4906

100536-27-000
VENDOR NO.
 RAP91489/AP2464
 RAP91491/AP8985

100536-38-000
VENDOR NO.
 RAP90078

100536-42-000
VENDOR NO.
 RAP90120/AP5965
 RAP90350/AP7358

100536-47-000
VENDOR NO.
 RAP5352/AP5352
 RAP91507
 RAP91501
 RAP90004/AP2443

100536-51-000
VENDOR NO.
 RAP91509
 RAP6217

100536-54-000
VENDOR NO.
 RAP6216/AP6216
 RAP90121/AP7385

100536-57-000
VENDOR NO.
 RAP91489/AP2464
 RAP90077/AP7832
 RAP4073/AP4073
 RAP90806/AP4064

100536-58-000
VENDOR NO.
 RAP91470/AP4665
 RAP91467/AP5616

100536-59-000
VENDOR NO.
 RAP91491/AP8985
 RAP5561

100536-60-000
VENDOR NO.
 RAP4073/AP4073
 RAP91487/AP4904
 RAP90077/AP7832
 RAP91485/AP4729

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	△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)	-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	-	-	-	-	-	-	-	KIT WITH ATTACHMENT 150723-01	REAR INNER (2)77030-10	-	-
FREIGHT LINER (REAR ENGINE) P/R SERIES	255/80R 22.5"X8.25" 295/80R 22.5"X8.25" 1AF 1LE 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	REAR 1 INSIDE 129058-06 (2)	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 (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	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 INSIDE 129058-06 (2)	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 & 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" MAXION W0007492	N/A	-	145580-06	REAR INNER CHASSIS SUPPLIED	N/A	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	-		
	1PJ 1PL														
	WORKHORSE W20/22 E/D SERIES	245/70R 19.5"X6.75" MAXION W0002404	N/A	-	134609-02 145580-03	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10	(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		
	1PE 1PR														
C	WORKHORSE W20/22/24 D/J SERIES	225/70R 22.5"X6.75" MAXION W0002404	N/A	-	134609-05 145580-02	REAR INNER (2)95012-10 REAR OUTER (2)77030-01 FRONT (2)77030-10	(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	FLEX HOSE	129058-07 (2)	(32)129058		
	1PS 1PU 1PV									-14 (2) 3 -16 (2) 4	1				
	-	-	-	-	-	-	-	-	-	-					
B															
A															
8		7		6		5		4		3		2		1	
														FIRST USED	
														07 MOTORHOMES	
														DO NOT SCALE DRAWING	
														TITLE:	
														WHEEL INSTL	
SHEET 2		PART NO		159483		REV									

87654321

159483

DWG NO

1

FOR WINNEBAGO MODEL YEAR 2007, WINNEBAGO WILL SUPPLY LUG WRENCHES WHICH ARE SUPPLIED TO WINNEBAGO WITH THE CHASSIS. (CURRENTLY, FORD E350/E450 CUTAWAY, DODGE SPRINTER, AND FORD F53 19.5" RAIL) IN ADDITION, C-BODY CUTAWAY CHASSIS WITH ALUMINUM WHEEL OPTION, FORD CHASSIS SUPPLIED LUG WRENCH WHICH NO LONGER FITS ALUMINUM WHEEL FASTENERS WILL BE STORED UNDER PART NUMBER 112358-02-000. WINNEBAGO WILL PROVIDE LUG WRENCH AND LEVERAGE BAR TO FIT ALUMINUM WHEEL HARDWARE. WINNEBAGO WILL PROVIDE 112358-02-000 WITH STANDARD CHEVY STEEL WHEEL CHASSIS.

2007 AND UP

LUG WRENCH APPLICATION MATRIX

OTHER APPLICATIONS LISTED FOR WRENCH FIT REFERENCE

	CHASSIS	LUG WRENCH	LEVERAGE BAR	TORQUE FT/LBS
* NOT USED	CHEVY CUTAWAY G3500 8 BOLT GMT610 8 BOLT	112358-02	---	110-140
* NOT USED	CHEVY CUTAWAY ALUMINUM WHEELS G3500/GMT610 8 BOLT	80208-06	80208-02	140
* 100/500/H SERIES (1KB) (1KD) (1KM)	DODGE SPRINTER 16" 6-BOLT	CHASSIS SUPPLIED (FLOOR COMPT. @ PASS. FEET)	CHASSIS SUPPLIED	140 (130-150)
* 200/300/700 SERIES (16C) (16Y)	FORD CUTAWAY E350SD/E450SD 8 BOLT	CHASSIS SUPPLIED 112358-02	---	140
* 200/300/700 SERIES (16C) (16Y)	FORD CUTAWAY ALUMINUM WHEELS E350SD/E450SD 8 BOLT	80208-06	80208-02	140
* E/D SERIES (16H) (16K)	FORD RAIL F53 10 BOLT 19.5"	CHASSIS SUPPLIED 112358-01	---	140
D/J SERIES (16L) (16Z)	FORD RAIL F53 8 BOLT 22.5" ALUMINUM	80208-04	80208-05	450-500
	FREIGHTLINER 10 BOLT NOT USED	80208-04	80208-05	450-500
E26P/E30W (1PJ) (1PL)	WORKHORSE W16/18 10 BOLT 19.5"	80208-06	80208-02	150 (145-155)
E/D/J SERIES (1PE) (1PR) (1PS) (1PU) (1PV)	WORKHORSE W20-25 SERIES AND UFO 8 BOLT	80208-04	80208-05	450-500

87654321

159483

DWG NO

1

07 MOTORHOMES

DO NOT SCALE DRAWING

TITLE:

WHEEL INSTL

SHEET 3

PART NO 159483

REV

2/17/2010

KEY	PART NUMBER	U/M DESCRIPTION
	110435-04-705	EA DECAL-CTR HUB 2 3/4" DIAMOND
	110435-05-700	EA CAP-CENTER 4.50"D W/O DECAL
	110435-12-700	EA LINER - WHEEL - FRONT
	110435-12-701	EA LINER - WHEEL - REAR
	145580-01-702	EA COVER-LUG NUT/JAM NUT 22M
	145580-01-703	EA TOOL-INSTALLATION

145580-03-000
VENDOR NO.
2 3/4 DECAL DIAMOND
V22510-POC
V19580-FWC
V19580-RWC
V19582-EJN
V22501-TOL

KEY	PART NUMBER	U/M DESCRIPTION
	110435-04-705	EA DECAL-CTR HUB 2 3/4" DIAMOND
	110435-05-700	EA CAP-CENTER 4.50"D W/O DECAL
	145580-01-702	EA COVER-LUG NUT/JAM NUT 22M
	145580-01-703	EA TOOL-INSTALLATION
	145580-05-700	EA LINER - WHEEL/FRONT - 1EA=1
	145580-05-701	EA LINER - WHEEL/REAR - 1EA=1

145580-05-000
VENDOR NO.
2 3/4 DECAL DIAMOND
V22510-POC
V19582-EJN
V22501-TOL
V22587-FWC
V22587-RWC

KEY	PART NUMBER	U/M DESCRIPTION
	110435-04-705	EA DECAL-CTR HUB 2 3/4" DIAMOND
	110435-10-702	EA JAMB NUT W/JAMB NUT COVER
	110435-10-705	EA TOOL/JAMB NUT INSTALLATION
	145580-06-700	EA LINER - WHEEL/FRONT - 1EA=1
	145580-06-701	EA LINER - WHEEL/REAR - 1EA=1

145580-06-000
VENDOR NO.
2 3/4 DECAL DIAMOND
V195P7-EJN
V195P7-TOL
V195W18-FWC
V195W18-RWC

		150723-01-000	
KEY	PART NUMBER	U/M	DESCRIPTION
	110435-04-705	EA	DECAL-CTR HUB 2 3/4" DIAMOND
	110435-05-700	EA	CAP-CENTER 4.50"D W/O DECAL
	145580-01-702	EA	COVER-LUG NUT/JAM NUT 22M
	145580-01-703	EA	TOOL-INSTALLATION
	150723-01-700	EA	COVER - HUB/FRONT W/CAP
	150723-01-701	EA	COVER - HUB/REAR
			VENDOR NO.
			2 3/4 DECAL DIAMOND
			V22510-POC
			V19582-EJN
			V22501-TOL
			VAC8275-FHC
			VAC8275-RHC