

# Chapter 9

## CHASSIS DRAWINGS

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1. CAB DRAWINGS
2. CAB BACK DRAWINGS
3. CHASSIS DRAWINGS
4. CHASSIS FRAME DRAWINGS
5. SIDE RAIL EXTERIOR CONFIGURATIONS
6. DRILLING HOLES ON THE SIDE RAIL (AROUND REAR SUSPENSION)

### ABOUT CAD-DATA

**CAD-DATA** is contained on separate attachment file in this CD-ROM.

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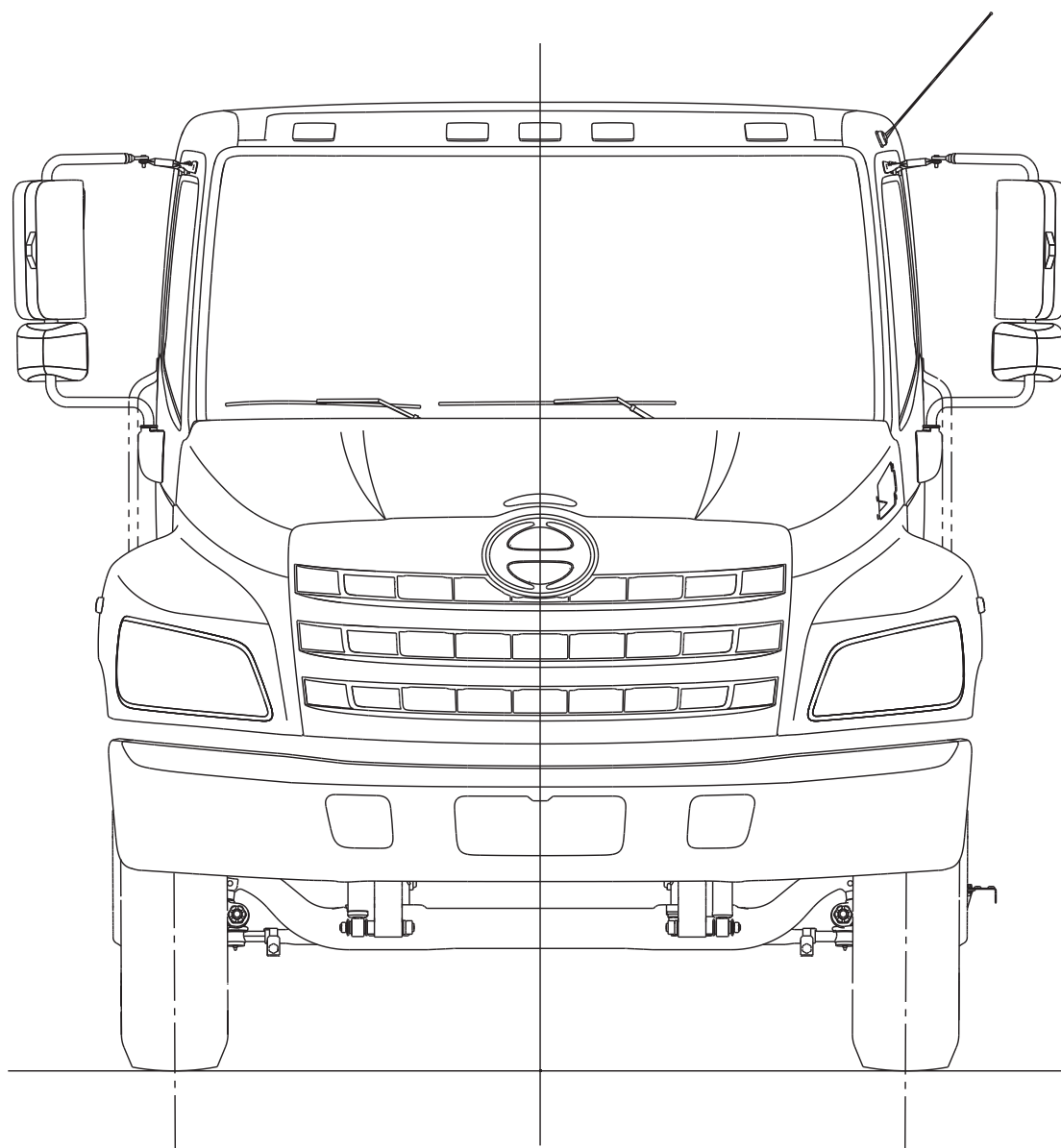
- CAB DRAWING
- CAB BACK DRAWING
- CHASSIS DRAWING

## 1. CAB DRAWINGS

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**MODEL : NE8J AND NF8J**

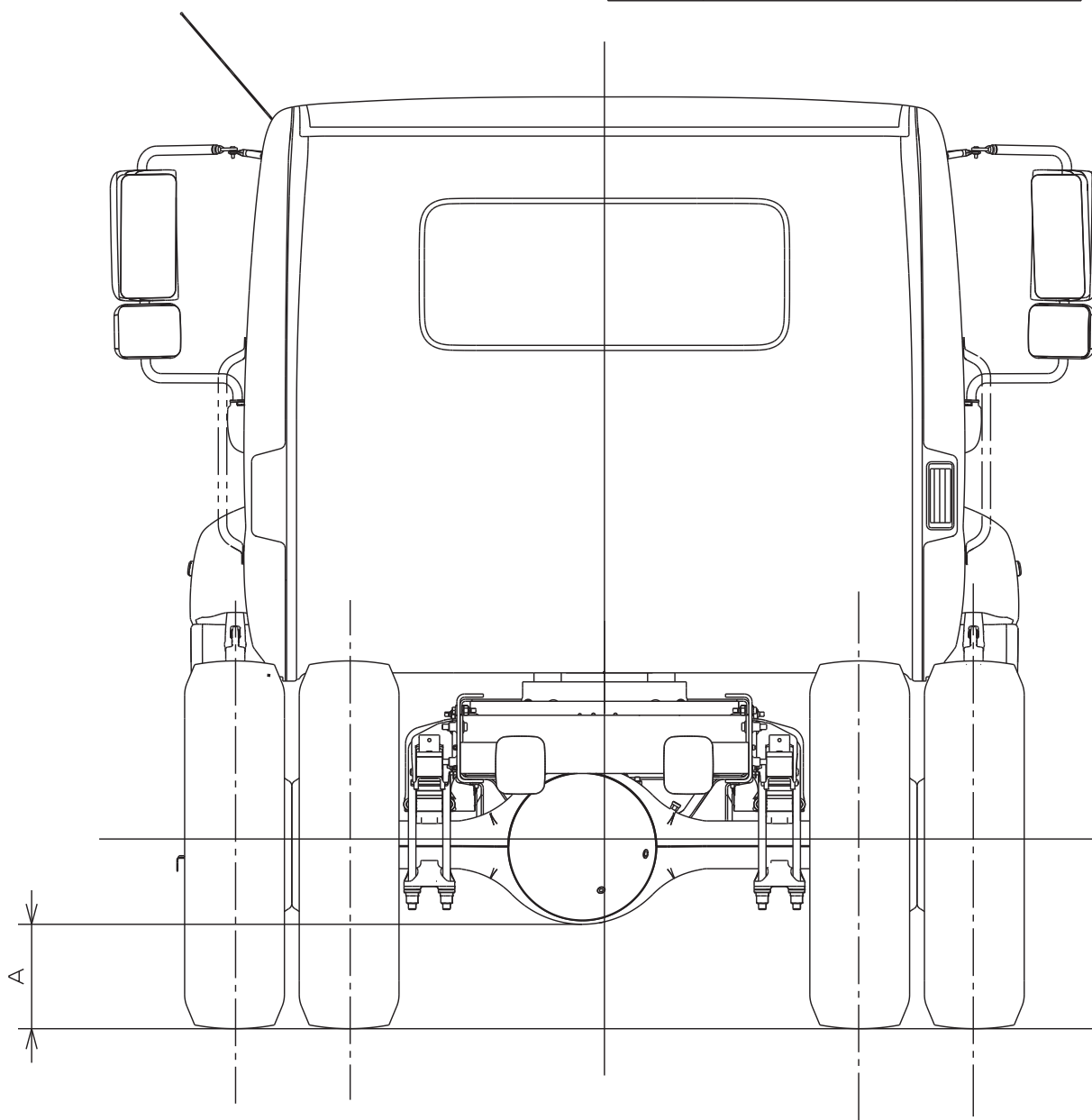
• FRONT SIDE VIEW



## • REAR SIDE VIEW

Unit : mm (in.)

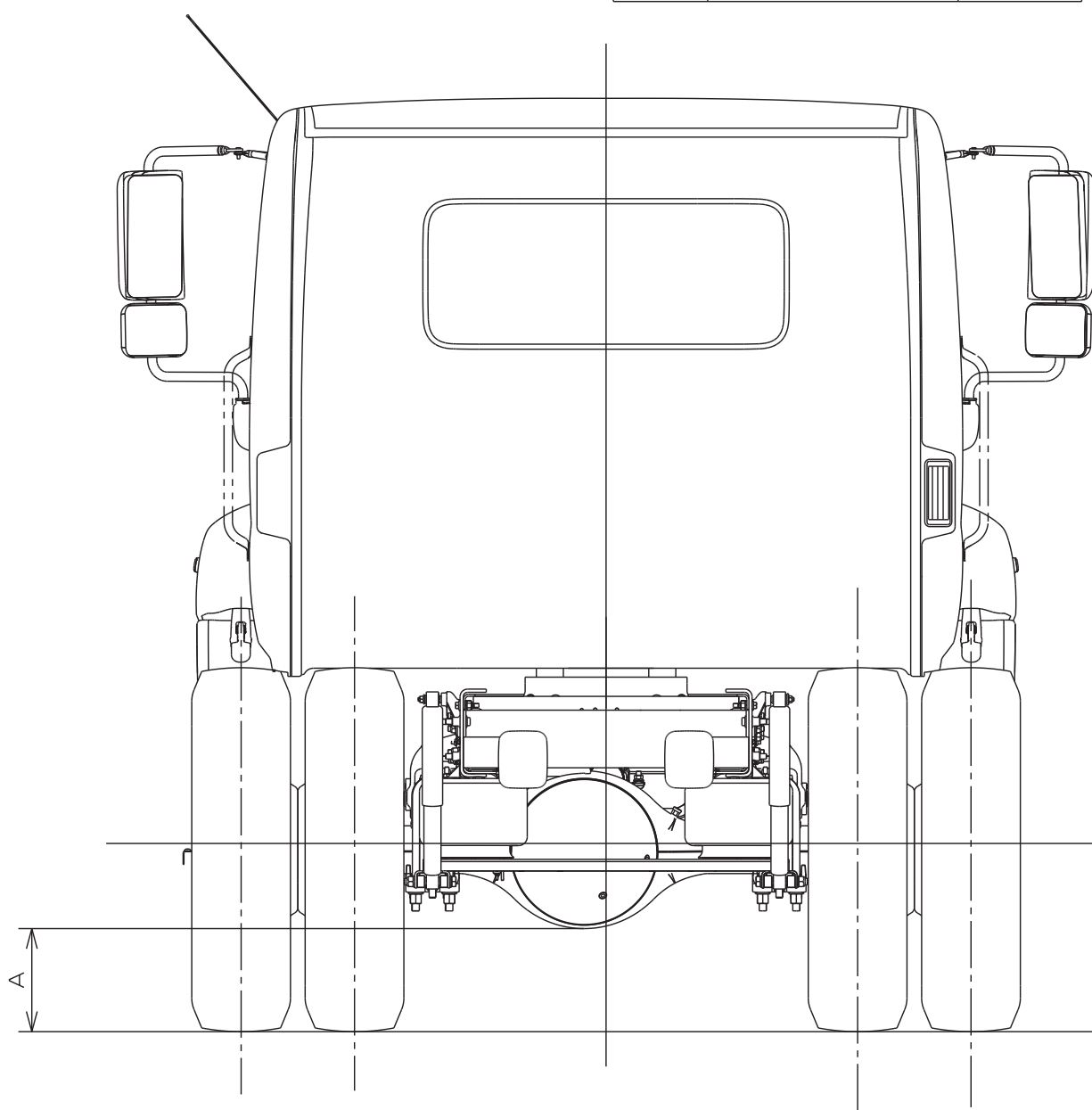
MODEL	TIRE	A
NE8J	10R22.5-14	270(10.6)
	Fr:245/70R19.5-14 Rr:245/70R19.5-16	180(7.1)
	245/70R19.5-16	180(7.1)
	11R22.5-14	285(11.2)
	255/70R22.5-16	225(8.9)
	295/75R22.5-14	265(10.4)
NF8J	11R22.5-14	285(11.2)
	295/75R22.5-14	265(10.4)



• REAR SIDE VIEW  
(REAR AIR SUSPENSION)

Unit : mm (in.)

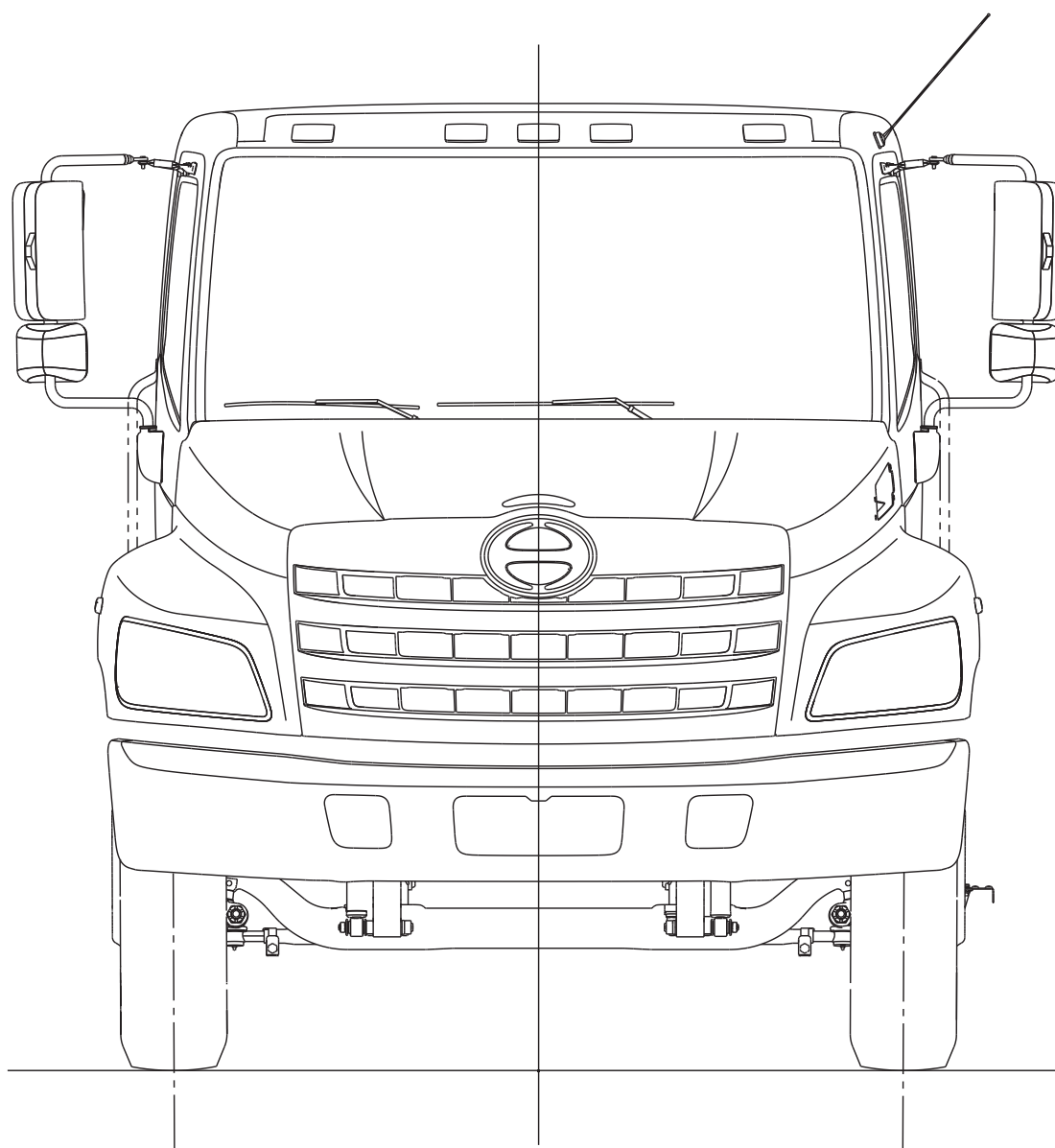
MODEL	TIRE	A
NE8J	10R22.5-14	270(10.6)
	Fr:245/70R19.5-14 Rr:245/70R19.5-16	180(7.1)
	245/70R19.5-16	180(7.1)
	11R22.5-14	285(11.2)
	255/70R22.5-16	225(8.9)
	295/75R22.5-14	265(10.4)
NF8J	11R22.5-14	285(11.2)
	295/75R22.5-14	265(10.4)





**MODEL : NJ8J, NV8J AND NH8J**

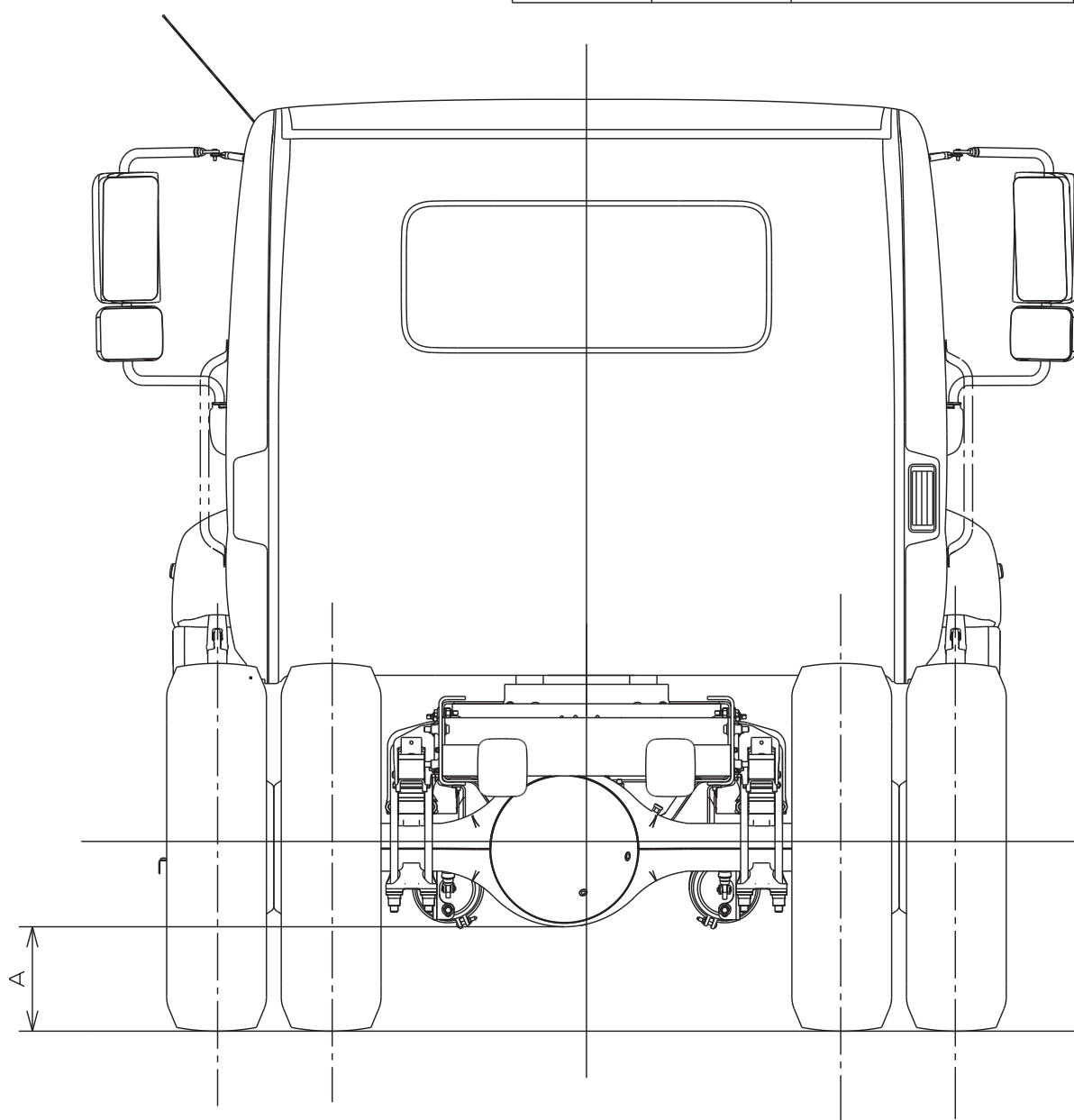
- FRONT SIDE VIEW



Unit : mm (in.)

## • REAR SIDE VIEW

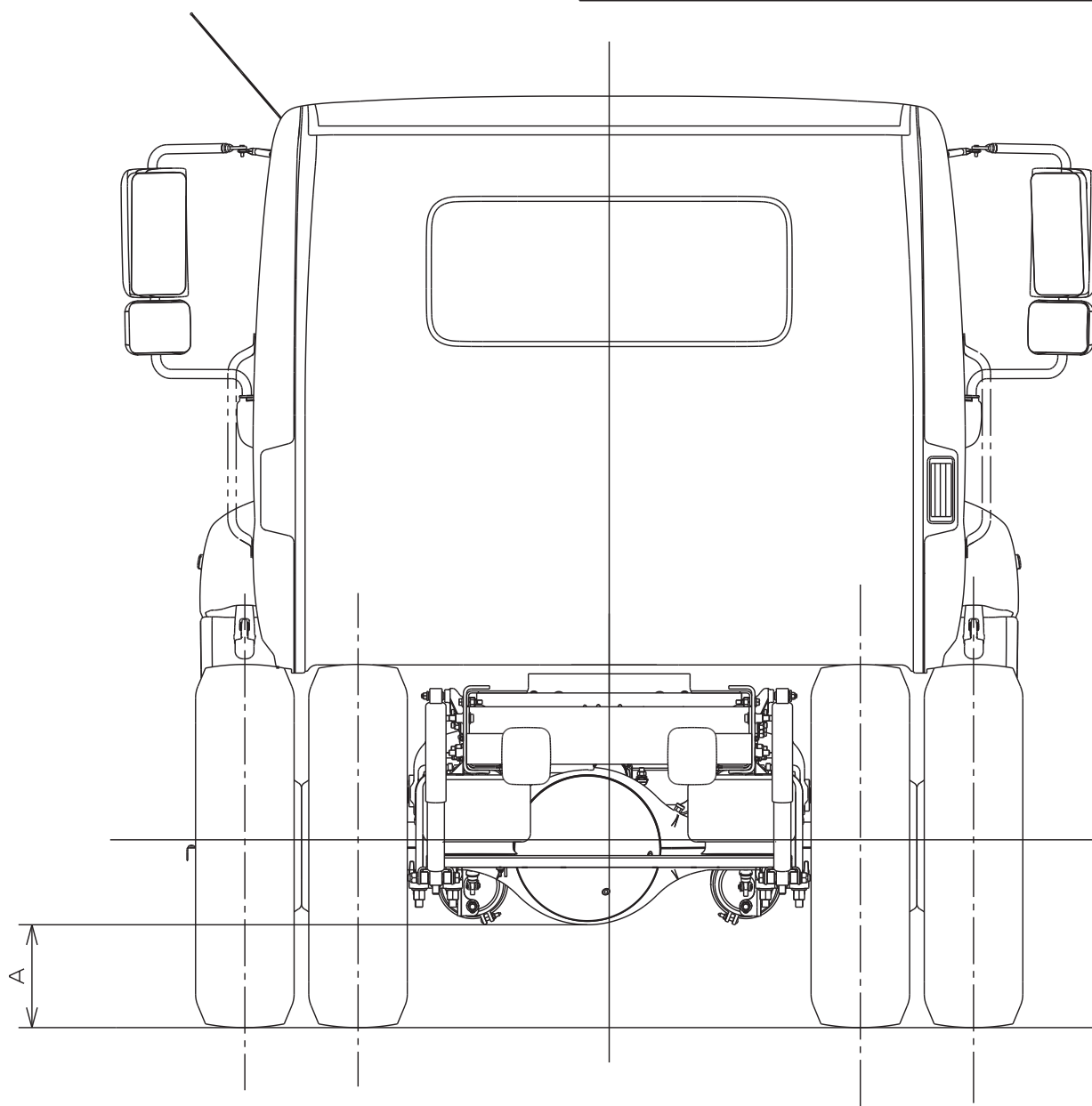
MODEL	RR AXLE	TIRE	A
NJ8J	MS19-14X	11R22.5-14	285(11.2)
		255/70R22.5-16	225(8.9)
		295/75R22.5-14	265(10.4)
	MS17-14X	Fr:245/70R19.5-14 Rr:245/70R19.5-16	180(7.1)
		245/70R19.5-16	180(7.1)
NV8J	MS21-14X	11R22.5-14	285(11.2)
		11R22.5-16	285(11.2)
		295/75R22.5-14	265(10.4)
	RS23-160	11R22.5-14	255(10.0)
		11R22.5-16	255(10.0)
NH8J	RS23	11R22.5-14	255(10.0)
		11R22.5-16	255(10.0)
		295/75R22.5_Fr7160 _Rr14PR	235(9.3)



Unit : mm (in.)

• REAR SIDE VIEW  
(REAR AIR SUSPENSION)

MODEL	RR AXLE	TIRE	A
NJ8J	MS19-14X	11R22.5-14	285(11.2)
		255/70R22.5-16	225(8.9)
		295/75R22.5-14	265(10.4)
	MS17-14X	Fr:245/70R19.5-14 Rr:245/70R19.5-16	180(7.1)
		245/70R19.5-16	180(7.1)
NV8J	MS21-14X	11R22.5-14	285(11.2)
		11R22.5-16	285(11.2)
		295/75R22.5-14	265(10.4)
	RS23-160	11R22.5-14	255(10.0)
		11R22.5-16	255(10.0)
NH8J	RS23	11R22.5-14	255(10.0)
		11R22.5-16	255(10.0)
		295/75R22.5_Fr7160 _Rr14PR	235(9.3)

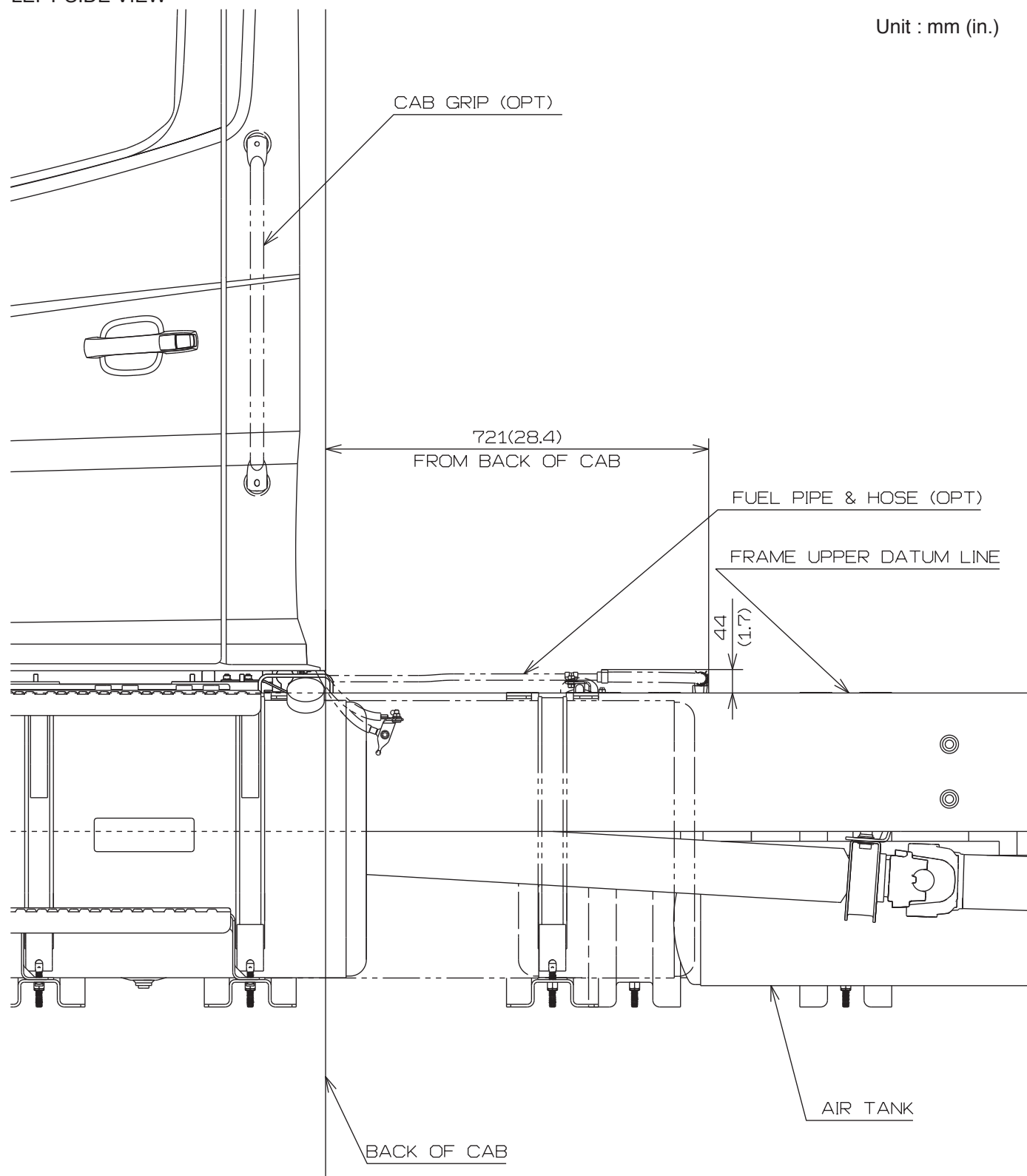


## 2. CAB BACK DRAWINGS

### CHASSIS MODEL : NE8J AND NF8J

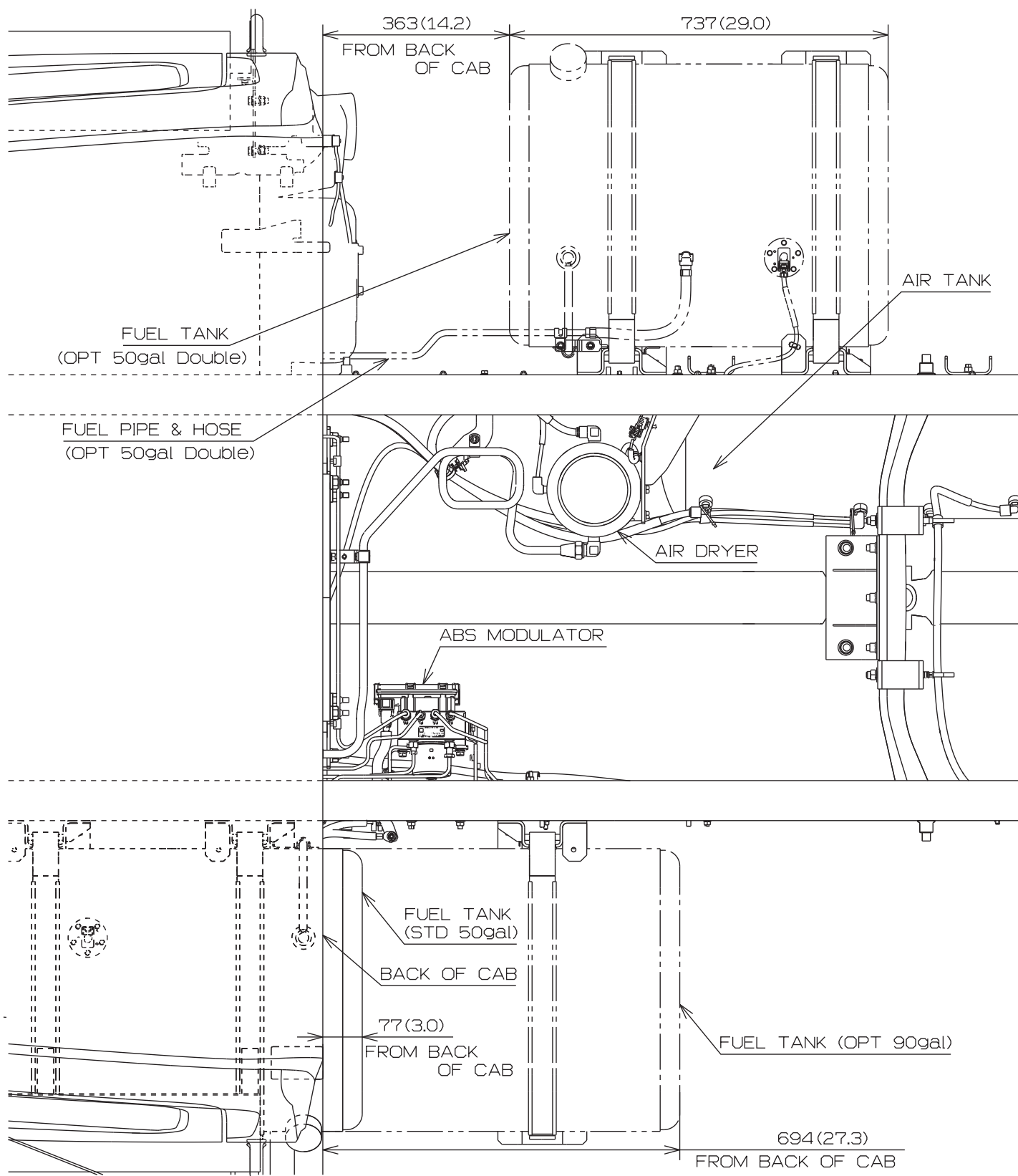
#### • LEFT SIDE VIEW

Unit : mm (in.)



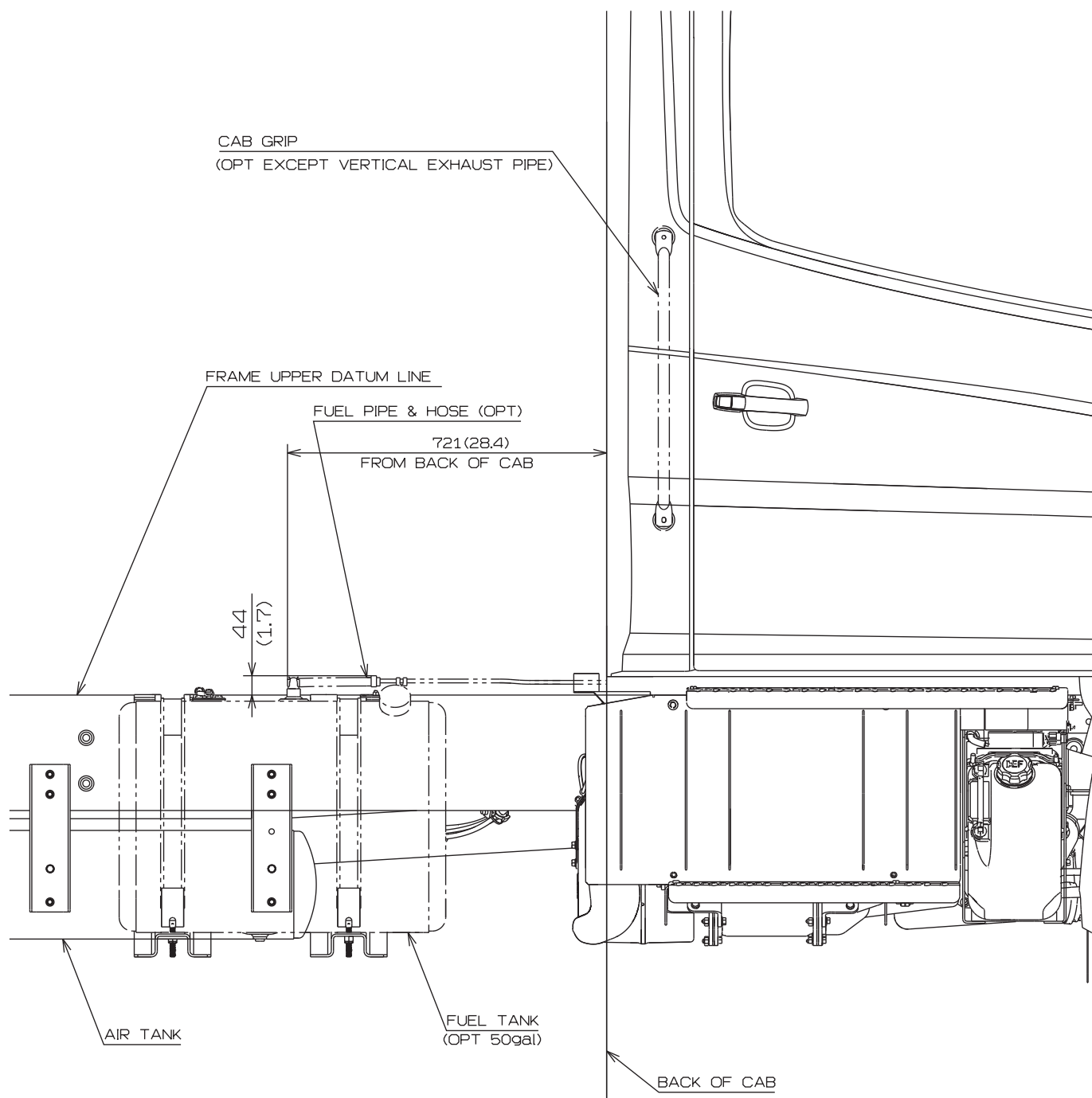
## • UPPER SIDE VIEW

Unit : mm (in.)



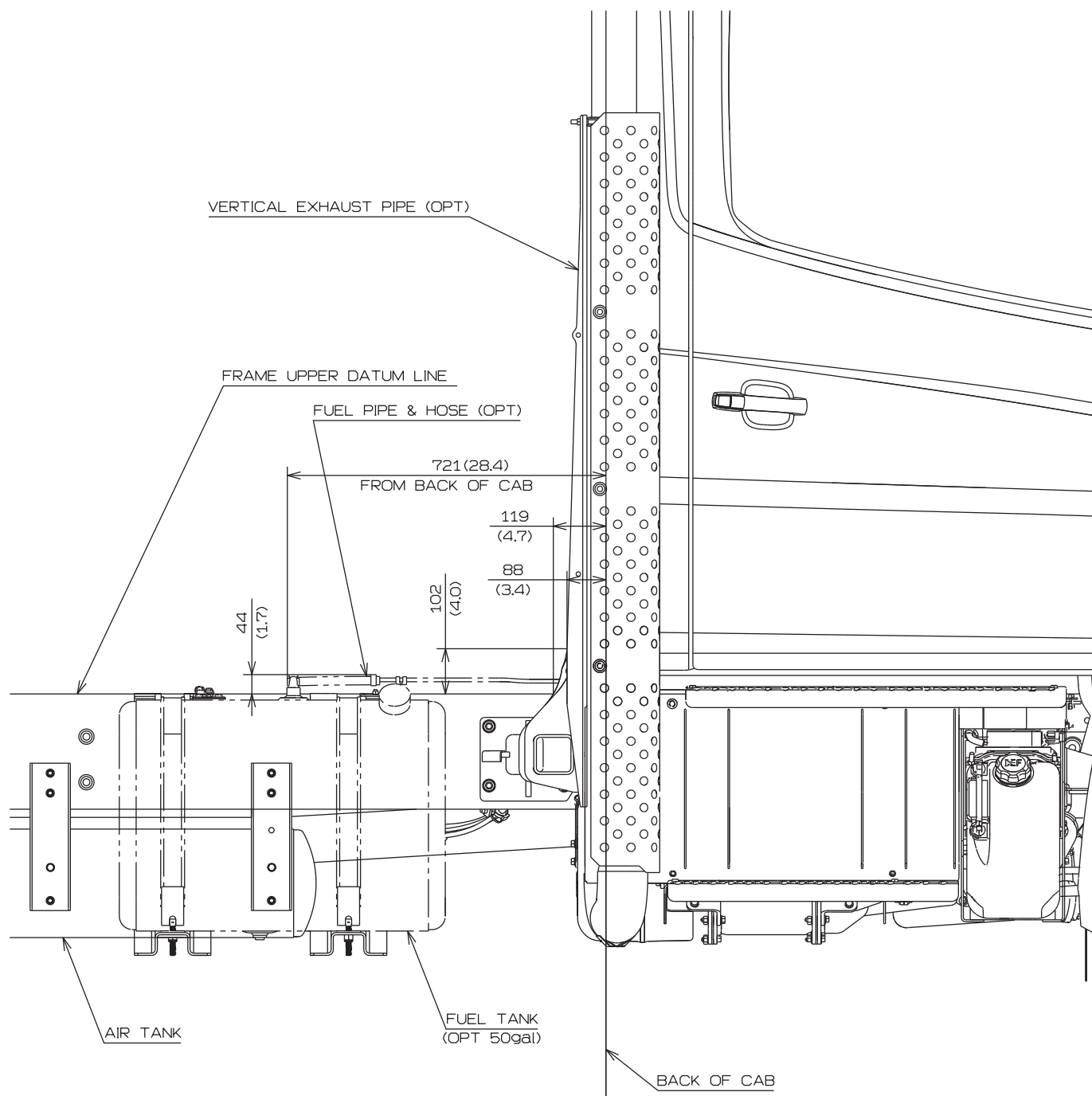
- RIGHT SIDE VIEW  
(SHORT TAIL)

Unit : mm (in.)



• RIGHT SIDE VIEW  
(VERTICAL TAIL)

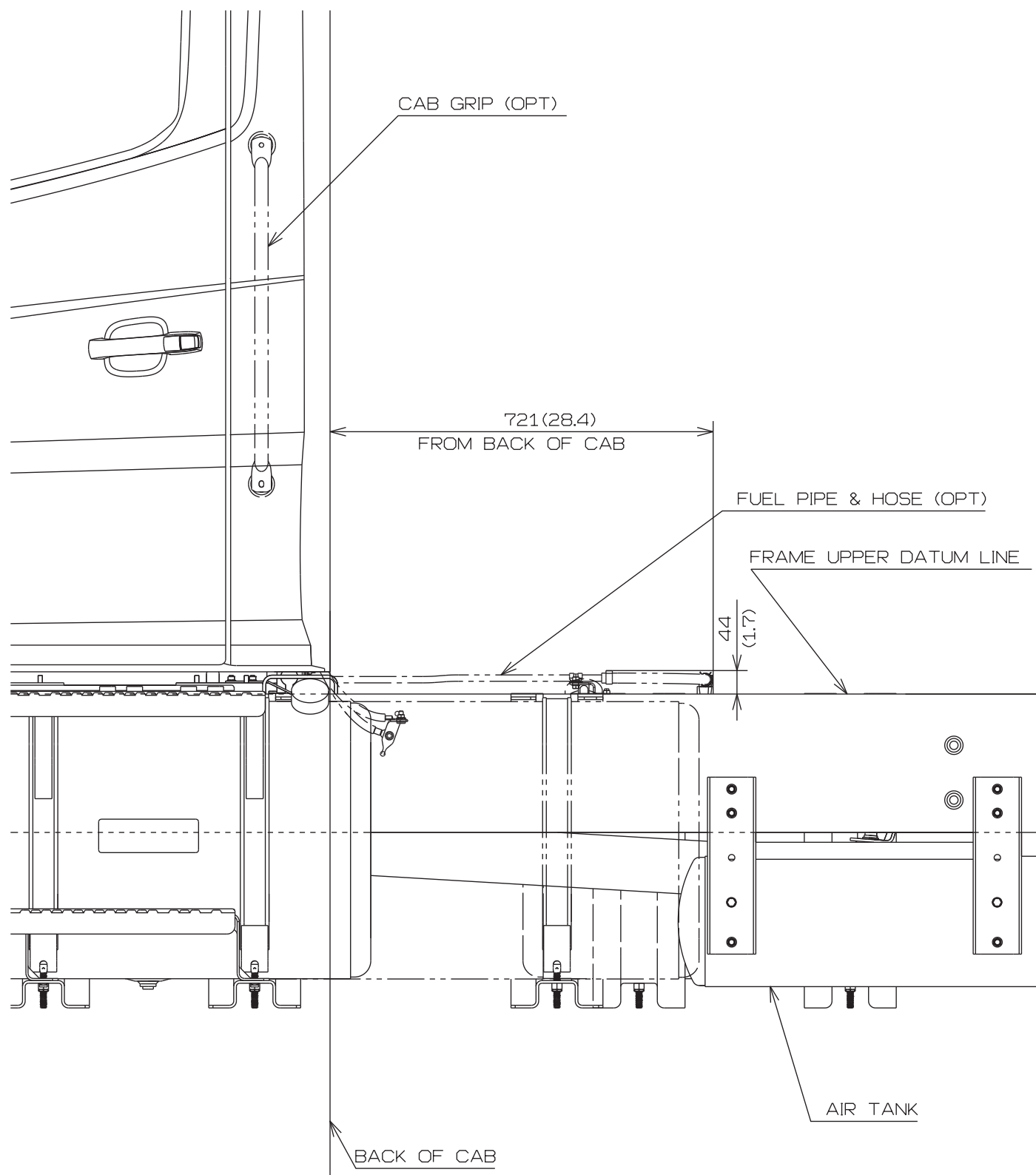
Unit : mm (in.)



**CHASSIS MODEL : NJ8J, NV8J AND NH8J**

• LEFT SIDE VIEW

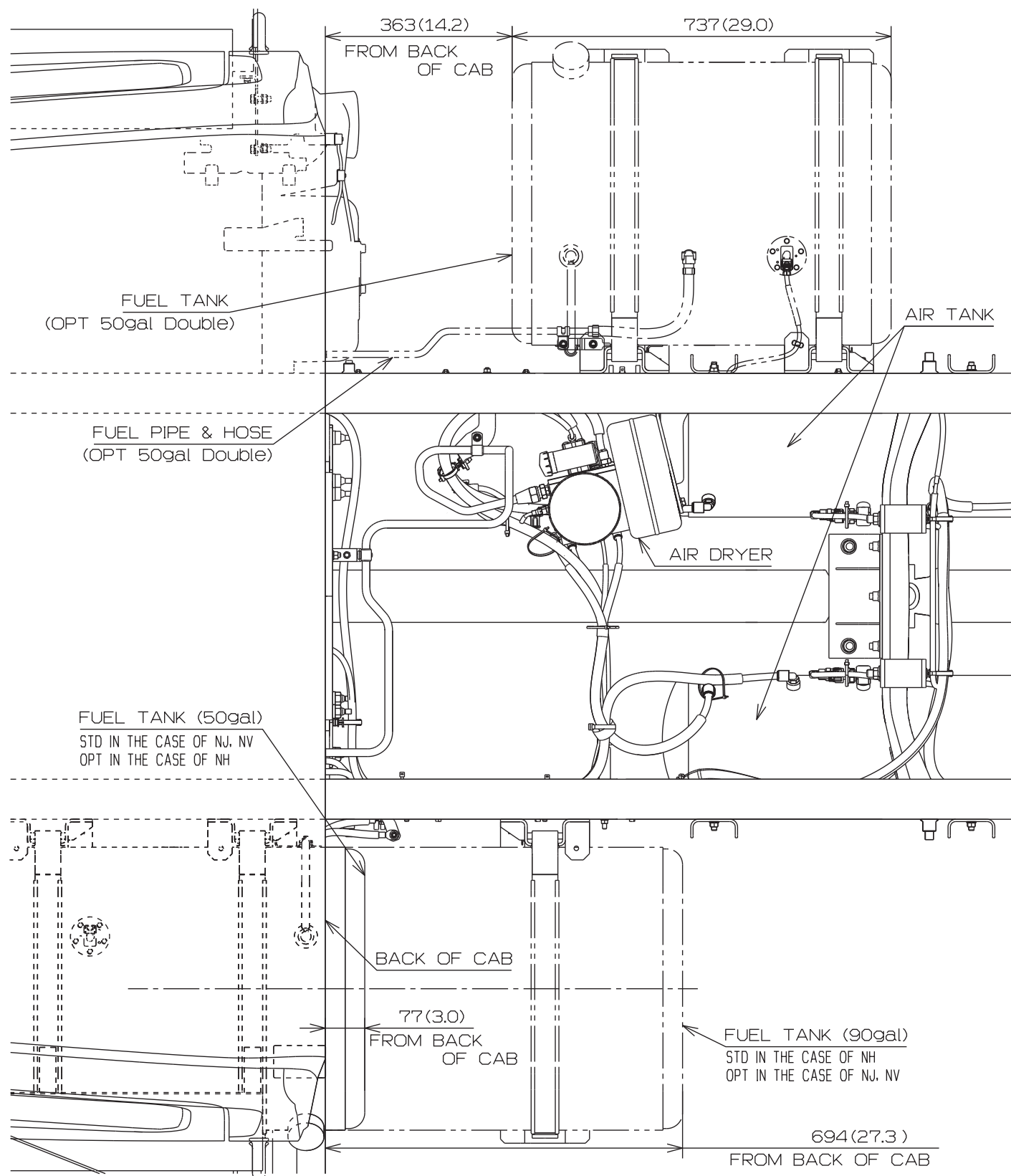
Unit : mm (in.)





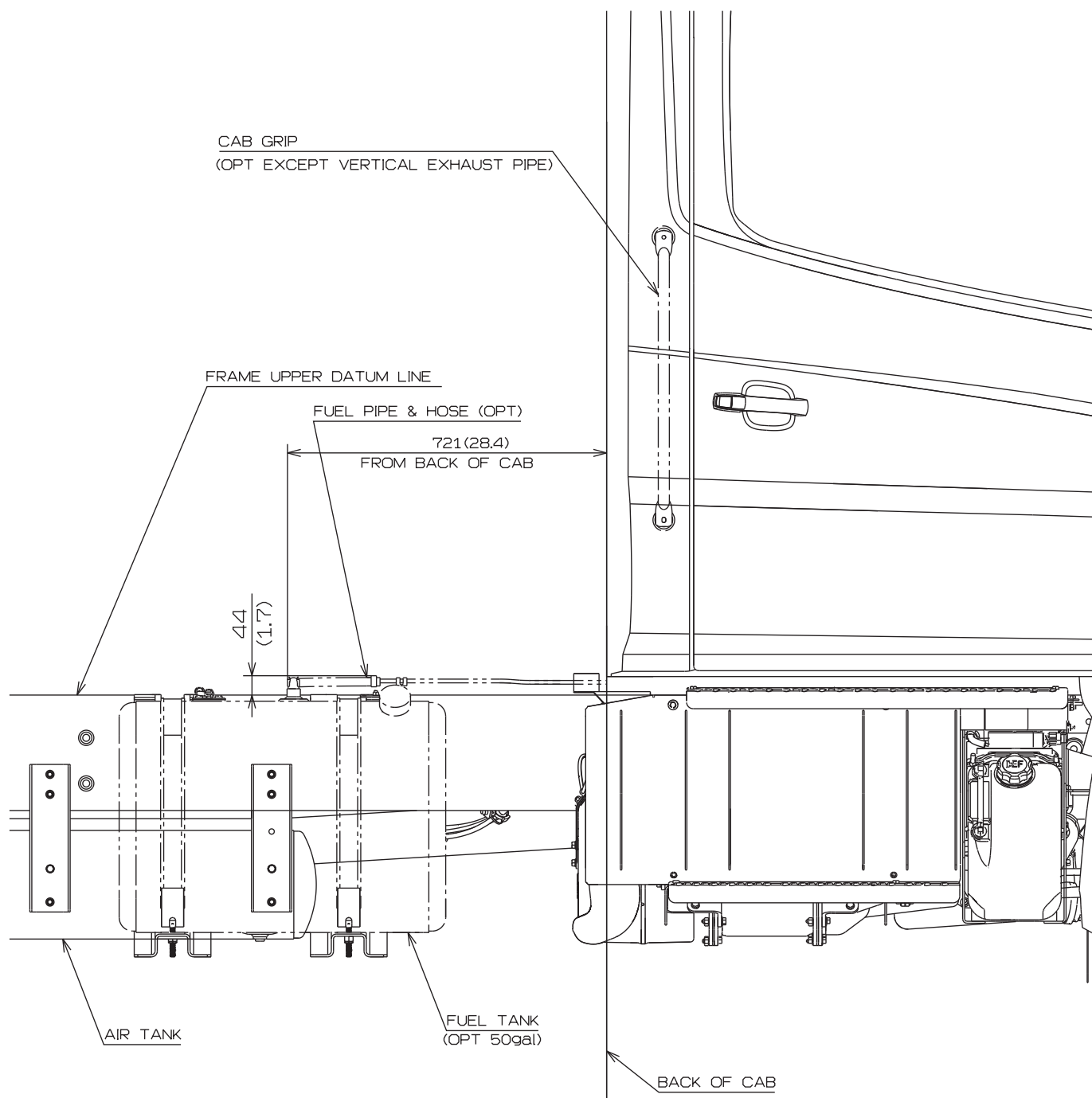
## • UPPER SIDE VIEW

Unit : mm (in.)



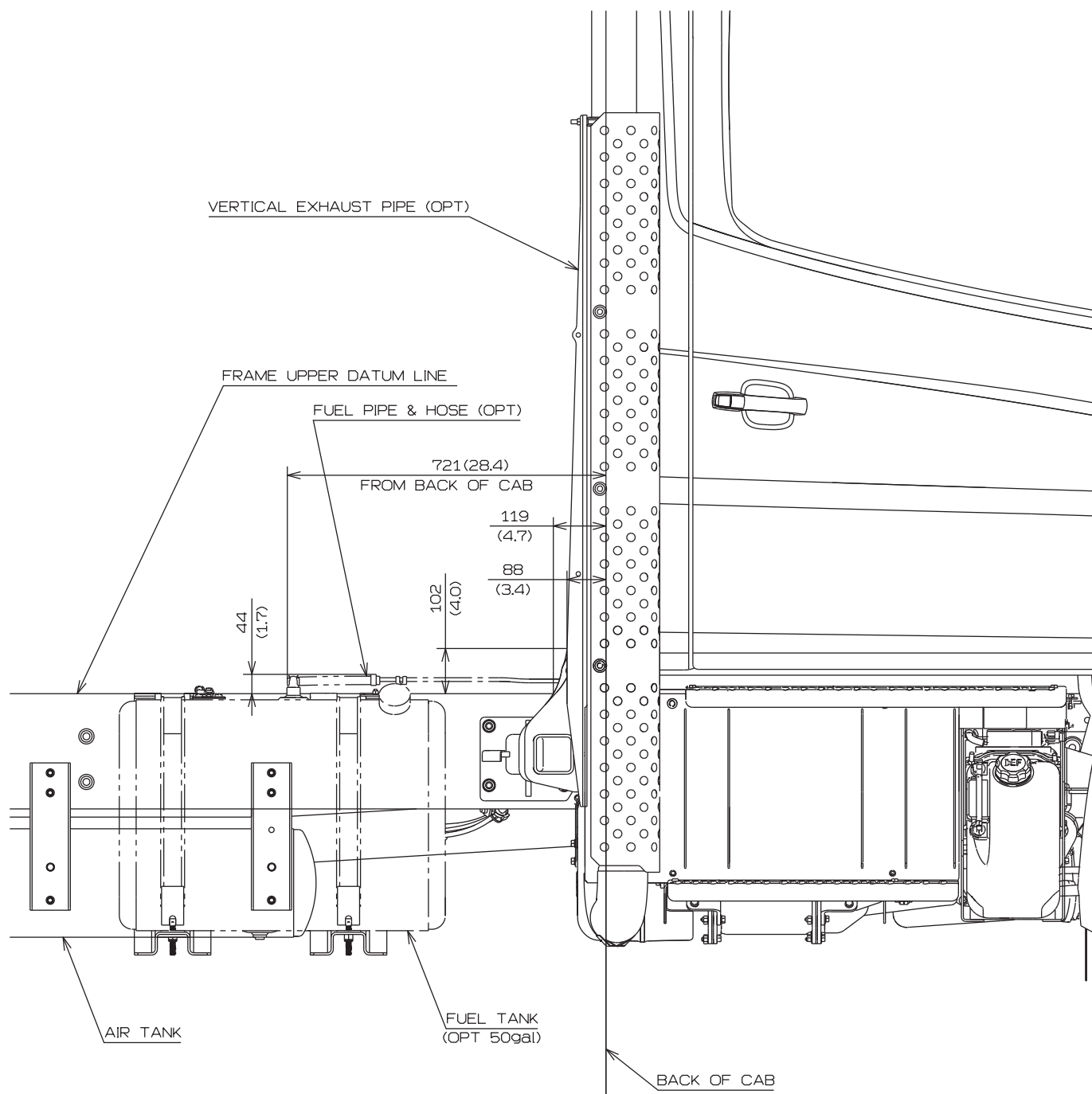
- RIGHT SIDE VIEW  
(SHORT TAIL)

Unit : mm (in.)



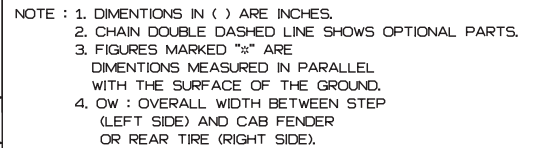
• RIGHT SIDE VIEW  
(VERTICAL TAIL)

Unit : mm (in.)



## Unit : mm (in.)

## EXHAUST SYSTEM



## • CHASSIS MODEL : NE8J AND NF8J

## DIMENSION OF CHASSIS

Unit : mm (in.)

MODEL	A	B	C	D	E	F	G	J	K	L
NE8JGSA	804 (31.7)			751 (29.6)	620 (24.4)		3861 (152.0)	1270 (50.0)	6162 (242.6)	2149 (84.6)
NE8JUSA	834 (32.8)			1305 (51.4)	950 (37.4)		4445 (175.0)	1600 (63.0)	7076 (278.6)	2733 (107.6)
NE8JLSA	1139 (44.8)			1305 (51.4)	1255 (49.4)		4750 (187.0)	1905 (75.0)	7686 (302.6)	3038 (119.6)
NE8JMSA	834 (32.8)	762 (30.0)		1305 (51.4)	1255 (49.4)		5207 (205.0)	1905 (75.0)	8143 (320.6)	3495 (137.6)
NE8JNSA	834 (32.8)	940 (37.0)		1305 (51.4)	620 (24.4)		5385 (212.0)	1270 (50.0)	7686 (302.6)	3673 (144.6)
NE8JPSA	834 (32.8)	1067 (42.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	5512 (217.0)	2464 (97.0)	9007 (354.6)	3800 (149.6)
NE8JRSA	834 (32.8)	1524 (60.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	5969 (235.0)	2464 (97.0)	9464 (372.6)	4257 (167.6)
NE8J TSA	1139 (44.8)	1676 (66.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	6426 (253.0)	2464 (97.0)	9921 (390.6)	4714 (185.6)
NE8J VSA	834 (32.8)	1067 (42.0)	1372 (54.0)	1305 (51.4)	534 (21.0)	822 (32.4)	6883 (271.0)	2007 (79.0)	9921 (390.6)	5171 (203.6)

## DIMENSION OF HEIGHT FROM GROUND

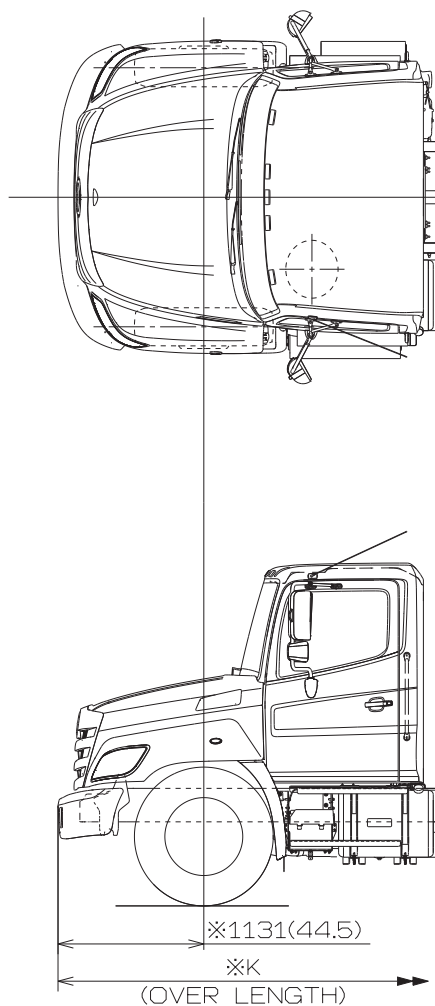
Unit : mm (in.)

MODEL	FR AXLE	TIRE	WHEEL	GROUND HEIGHT FRAME UPPER URFACE				FR Tr	RR Tr	Tr	OW	H
				HfO	Hf	Hr	HrO					
NE8J	10000lbs	11R22.5-14	22.5×8.25-168	925 (36.4)	940 (37.0)	1010 (39.8)	1030 (40.6)	2005 (78.9)	1830 (72.0)	2445 (96.3)	2480 (97.6)	2715 (106.9)
		255/70R22.5-16		865 (34.1)	880 (34.6)	950 (37.4)	970 (38.2)	2005 (78.9)	1830 (72.0)	2430 (95.7)	2470 (97.2)	2655 (104.5)
		295/75R22.5-14		905 (35.6)	920 (36.2)	990 (39.0)	1010 (39.8)	2005 (78.9)	1830 (72.0)	2455 (96.7)	2485 (97.8)	2695 (106.1)
	8000lbs	Fr:245/70R19.5-14 Rr:245/70R19.5-16	19.5×6.75-142	830 (32.7)	840 (33.1)	900 (35.4)	925 (36.4)	2020 (79.5)	1840 (72.4)	2360 (92.9)	2470 (97.2)	2615 (103.0)
		245/70R19.5-16		830 (32.7)	840 (33.1)	900 (35.4)	925 (36.4)	2020 (79.5)	1840 (72.4)	2360 (92.9)	2470 (97.2)	2615 (103.0)
		10R22.5-14	22.5×8.25-168	920 (36.2)	935 (36.8)	995 (39.2)	1015 (40.0)	1980 (78.0)	1830 (72.0)	2425 (95.5)	2470 (97.2)	2705 (106.5)
		11R22.5-14		935 (36.8)	950 (37.4)	1010 (39.8)	1030 (40.6)	1980 (78.0)	1830 (72.0)	2445 (96.3)	2480 (97.6)	2720 (107.1)
		255/70R22.5-16		875 (34.4)	890 (35.0)	950 (37.4)	970 (38.2)	1980 (78.0)	1830 (72.0)	2430 (95.7)	2470 (97.2)	2660 (104.7)
		295/75R22.5-14		915 (36.0)	930 (36.6)	990 (39.0)	1010 (39.8)	1980 (78.0)	1830 (72.0)	2455 (96.7)	2485 (97.8)	2700 (106.3)
				925 (36.4)	940 (37.0)	1030 (40.6)	1065 (41.9)	2005 (78.9)	1870 (73.6)	2485 (97.8)	2500 (98.4)	2720 (107.1)
NF8J	12000lbs	11R22.5-14		905 (35.6)	920 (36.2)	1010 (39.8)	1045 (41.1)	2005 (78.9)	1870 (73.6)	2495 (98.2)	2505 (98.6)	2700 (106.3)
		295/75R22.5-14										

• CHASSIS MODEL : NE8J AND NF8J WITH OPTION BUMPER  
(FOR ALL MODELS)

Unit:mm(in.)

MODEL	WHEEL BASE	K
NE8J	G	6262 (246.5)
NE8J NF8J	J	7176 (282.5)
	L	7786 (306.5)
	M	8243 (324.5)
NE8J	N	7786 (306.5)
NE8J NF8J	P	9107 (358.5)
	R	9564 (376.5)
	T	10021 (394.5)
	V	10021 (394.5)



NOTE:1.FIGURES MARKED "※" ARE DIMENSIONS MEASURED  
IN PARALLEL WITH THE SURFACE OF THE GROUND.  
2.DIMENSIONS IN ( ) ARE INCHES.

## Unit : mm (in.)



• CHASSIS MODEL : NE8J AND NF8J  
(REAR AIR SUSPENSION)

DIMENSION OF CHASSIS

Unit : mm (in.)

MODEL	A	B	C	D	E	F	G	J	K	L
NE8JGSG	804 (31.7)			751 (29.6)	609 (24.0)		3861 (152.0)	1270 (50.0)	6162 (242.6)	2149 (84.6)
NE8JJSJG	834 (32.8)			1305 (51.4)	939 (37.0)		4445 (175.0)	1600 (63.0)	7076 (278.6)	2733 (107.6)
NF8JJSJG										
NE8JLSJG	1139 (44.8)			1305 (51.4)	1244 (49.0)		4750 (187.0)	1905 (75.0)	7686 (302.6)	3038 (119.6)
NF8JLSJG										
NE8JMSG	834 (32.8)	762 (30.0)		1305 (51.4)	1244 (49.0)		5207 (205.0)	1905 (75.0)	8143 (320.6)	3495 (137.6)
NF8JMSG										
NE8JNSJG	834 (32.8)	940 (37.0)		1305 (51.4)	609 (24.0)		5385 (212.0)	1270 (50.0)	7686 (302.6)	3673 (144.6)
NE8JPSJG	834 (32.8)	1067 (42.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	5512 (217.0)	2464 (97.0)	9007 (354.6)	3800 (149.6)
NF8JPSJG										
NE8JRSJG	834 (32.8)	1524 (60.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	5969 (235.0)	2464 (97.0)	9464 (372.6)	4257 (167.6)
NF8JRSJG										
NE8JTSJG	1139 (44.8)	1676 (66.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	6426 (253.0)	2464 (97.0)	9921 (390.6)	4714 (185.6)
NF8JTSJG										
NE8JVSG	834 (32.8)	1067 (42.0)	1372 (54.0)	1305 (51.4)	523 (20.6)	822 (32.4)	6883 (271.0)	2007 (79.0)	9921 (390.6)	5171 (203.6)
NF8JVSG										

DIMENSION OF HEIGHT FROM GROUND

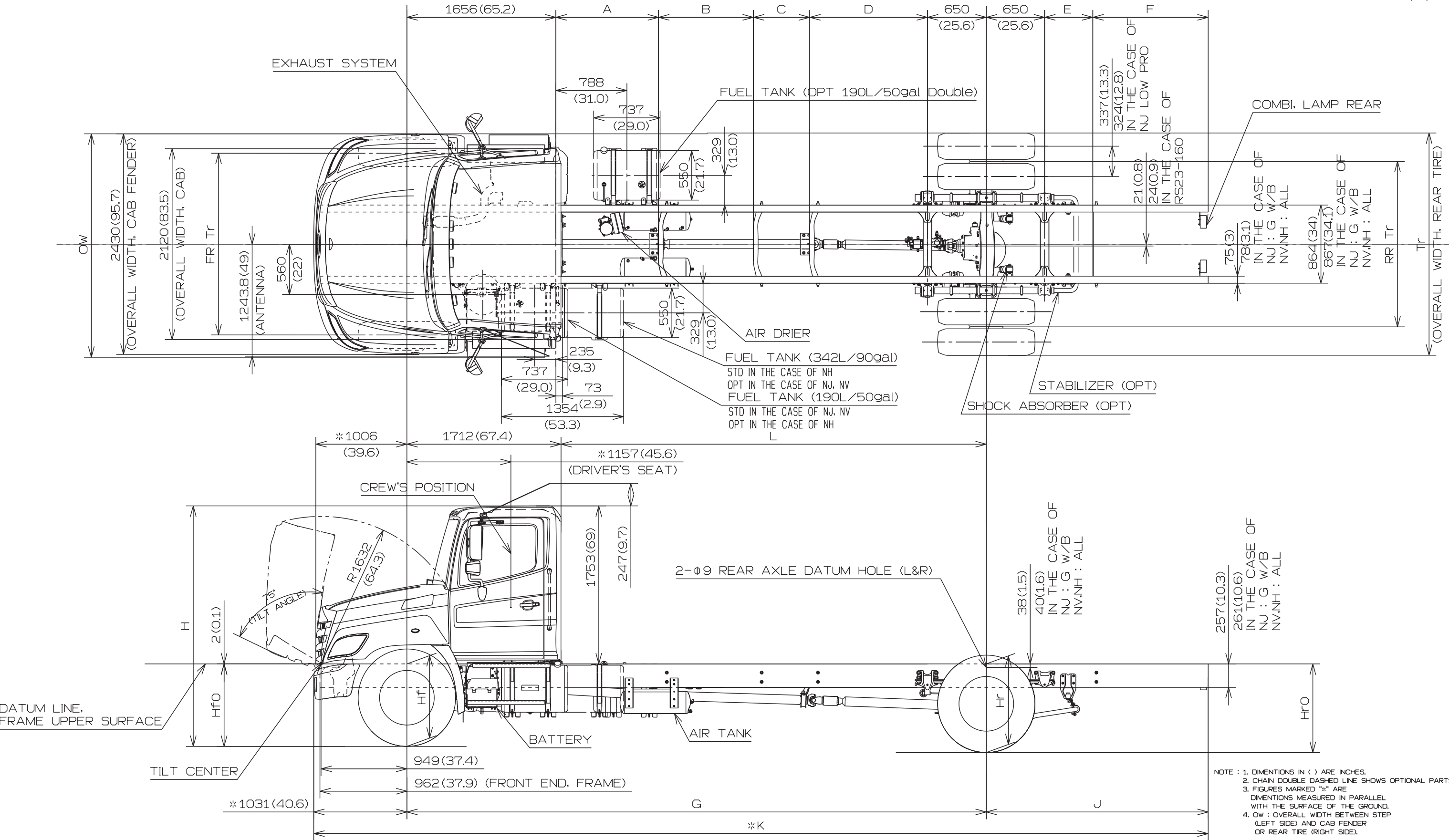
Unit : mm (in.)

MODEL	FR AXLE	TIRE	WHEEL	GROUND HEIGHT FRAME UPPER URFACE				FR Tr	RR Tr	Tr	Ow	H
				HfO	Hf	Hr	HrO					
NE8J	10000lbs	11R22.5-14	22.5×8.25-168	930 (36.6)	940 (37.0)	990 (39.0)	1010 (39.8)	2005 (78.9)	1830 (72.0)	2445 (96.3)	2480 (97.6)	2710 (106.7)
		255/70R22.5-16		870 (34.3)	880 (34.6)	930 (36.6)	950 (37.4)	2005 (78.9)	1830 (72.0)	2430 (95.7)	2470 (97.2)	2650 (104.3)
		295/75R22.5-14		910 (35.8)	920 (36.2)	970 (38.2)	990 (39.0)	2005 (78.9)	1830 (72.0)	2455 (96.7)	2485 (97.8)	2690 (105.9)
	8000lbs	Fr:245/70R19.5-14 Rr:245/70R19.5-16	19.5×6.75-142	835 (32.9)	840 (33.1)	885 (34.8)	900 (35.4)	2020 (79.5)	1840 (72.4)	2360 (92.9)	2470 (97.2)	2610 (102.8)
		245/70R19.5-16		835 (32.9)	840 (33.1)	885 (34.8)	900 (35.4)	2020 (79.5)	1840 (72.4)	2360 (92.9)	2470 (97.2)	2610 (102.8)
		10R22.5-14	22.5×8.25-168	925 (36.4)	935 (36.8)	975 (38.4)	990 (39.0)	1980 (78.0)	1830 (72.0)	2425 (95.5)	2470 (97.2)	2700 (106.3)
		11R22.5-14		940 (37.0)	950 (37.4)	990 (39.0)	1005 (39.6)	1980 (78.0)	1830 (72.0)	2445 (96.3)	2480 (97.6)	2715 (106.9)
		255/70R22.5-16		880 (34.6)	890 (35.0)	930 (36.6)	945 (37.2)	1980 (78.0)	1830 (72.0)	2430 (95.7)	2470 (97.2)	2655 (104.5)
		295/75R22.5-14		920 (36.2)	930 (36.6)	970 (38.2)	985 (38.8)	1980 (78.0)	1830 (72.0)	2455 (96.7)	2485 (97.8)	2695 (106.1)
				930 (36.6)	940 (37.0)	995 (39.2)	1015 (40.0)	2005 (78.9)	1870 (73.6)	2485 (97.8)	2500 (98.4)	2705 (106.5)
NF8J	12000lbs	11R22.5-14		910 (35.8)	920 (36.2)	975 (38.4)	995 (39.2)	2005 (78.9)	1870 (73.6)	2495 (98.2)	2505 (98.6)	2685 (105.7)
		295/75R22.5-14		910 (35.8)	920 (36.2)	975 (38.4)	995 (39.2)	2005 (78.9)	1870 (73.6)	2495 (98.2)	2505 (98.6)	2685 (105.7)



CHASSIS MODEL : NJ8J, NV8J AND NH8J

Unit : mm (in.)



## • CHASSIS MODEL : NJ8J, NV8J AND NH8J

## DIMENSION OF CHASSIS

Unit : mm (in.)

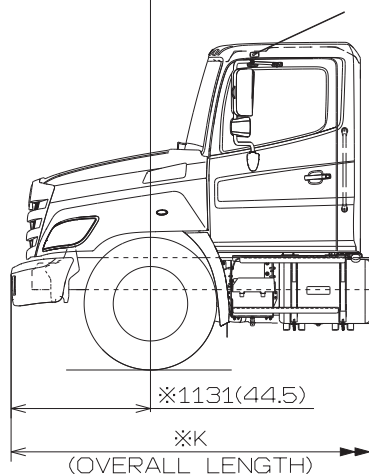
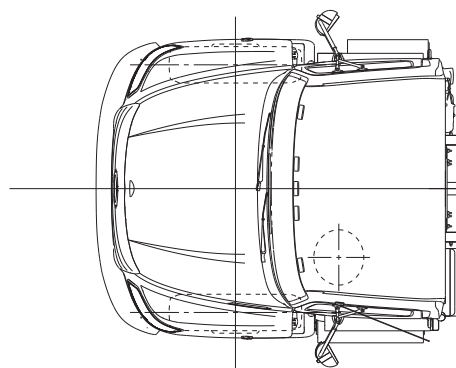
MODEL	A	B	C	D	E	F	G	J	K	L
NJ8JGSA	804 (31.7)			751 (29.6)	620 (24.4)		3861 (152.0)	1270 (50.0)	6162 (242.6)	2149 (84.6)
NV8JGSA										
NH8JGSA										
NJ8JUJA	834 (32.8)			1305 (51.4)	950 (37.4)		4445 (175.0)	1600 (63.0)	7076 (278.6)	2733 (107.6)
NV8JUJA										
NH8JUJA										
NJ8JLSA	1139 (44.8)			1305 (51.4)	1255 (49.4)		4750 (187.0)	1905 (75.0)	7686 (302.6)	3038 (119.6)
NV8JLSA										
NH8JLSA										
NJ8JMSA	834 (32.8)	762 (30.0)		1305 (51.4)	1255 (49.4)		5207 (205.0)	1905 (75.0)	8143 (320.6)	3495 (137.6)
NV8JMSA										
NH8JMSA										
NJ8JNSA	834 (32.8)	940 (37.0)		1305 (51.4)	620 (24.4)		5385 (212.0)	1270 (50.0)	7686 (302.6)	3673 (144.6)
NJ8JPJA	834 (32.8)	1067 (42.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	5512 (217.0)	2464 (97.0)	9007 (354.6)	3800 (149.6)
NV8JPJA										
NH8JPJA										
NJ8JRSA	834 (32.8)	1524 (60.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	5969 (235.0)	2464 (97.0)	9464 (372.6)	4257 (167.6)
NV8JRSA										
NH8JRSA										
NJ8J TSA	1139 (44.8)	1676 (66.0)		1305 (51.4)	534 (21.0)	1280 (50.4)	6426 (253.0)	2464 (97.0)	9921 (390.6)	4714 (185.6)
NV8J TSA										
NH8J TSA										
NJ8JVSA	834 (32.8)	1067 (42.0)	1372 (54.0)	1305 (51.4)	534 (21.0)	822 (32.4)	6883 (271.0)	2007 (79.0)	9921 (390.6)	5171 (203.6)
NV8JVSA										
NH8JVSA										

## DIMENSION OF HEIGHT FROM GROUND

Unit : mm (in.)

MODEL	FR AXLE	RR AXLE	TIRE	WHEEL	GROUND HEIGHT FRAME UPPER URFACE				FR Tr	RR Tr	Tr	OW	H
					HfO	Hf	Hr	HrO					
NJ8J	8000lbs	MS19-14X	11R22.5-14	22.5×8.25-168	940 (37.0)	955 (37.6)	1010 (39.8)	1025 (40.4)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2725 (107.3)
			255/70R22.5-16		880 (34.6)	895 (35.2)	950 (37.4)	965 (38.0)	2015 (79.3)	1835 (72.2)	2435 (95.9)	2475 (97.4)	2665 (104.9)
			295/75R22.5-14		920 (36.2)	935 (36.8)	990 (39.0)	1005 (39.6)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2705 (106.5)
		MS17-14X	Fr:245/70R19.5-14 Rr:245/70R19.5-16	19.5×7.50-162	835 (32.9)	845 (33.3)	900 (35.4)	920 (36.2)	2030 (79.9)	1840 (72.4)	2415 (95.1)	2470 (97.2)	2615 (103.0)
			245/70R19.5-16		835 (32.9)	845 (33.3)	900 (35.4)	920 (36.2)	2030 (79.9)	1840 (72.4)	2415 (95.1)	2470 (97.2)	2615 (103.0)
	10000lbs	MS19-14X	11R22.5-14	22.5×8.25-168	925 (36.4)	940 (37.0)	1010 (39.8)	1030 (40.6)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2715 (106.9)
			255/70R22.5-16		865 (34.1)	880 (34.6)	950 (37.4)	970 (38.2)	2015 (79.3)	1835 (72.2)	2435 (95.9)	2475 (97.4)	2655 (104.5)
			295/75R22.5-14		905 (35.6)	920 (36.2)	990 (39.0)	1010 (39.8)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2695 (106.1)
NV8J	10000lbs or 12000lbs	MS21-14X	11R22.5-14	22.5×8.25-168	920 (36.2)	940 (37.0)	1030 (40.6)	1065 (41.9)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2720 (107.1)
			295/75R22.5-14		900 (35.4)	920 (36.2)	1010 (39.8)	1045 (41.1)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2700 (106.3)
		RS23-160	11R22.5-14	22.5×8.25-168	920 (36.2)	940 (37.0)	1030 (40.6)	1060 (41.7)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2720 (107.1)
		MS21-14X +19000lbs SPG	11R22.5-14		925 (36.4)	940 (37.0)	1010 (39.8)	1035 (40.7)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2715 (106.9)
			295/75R22.5-14		905 (35.6)	920 (36.2)	990 (39.0)	1015 (40.0)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2695 (106.1)
	14000lbs	MS21-14X	11R22.5-16	22.5×8.25-168	935 (36.8)	950 (37.4)	1030 (40.6)	1060 (41.7)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2730 (107.5)
		RS23-160	11R22.5-16		935 (36.8)	950 (37.4)	1030 (40.6)	1055 (41.5)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2725 (107.3)
		MS21-14X +19000lbs SPG	11R22.5-16		940 (37.0)	950 (37.4)	1010 (39.8)	1030 (40.6)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2720 (107.1)
NH8J	12000lbs	RS23-160	11R22.5-14	22.5×8.25-168	920 (36.2)	940 (37.0)	1030 (40.6)	1060 (41.7)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2720 (107.1)
	14000lbs	RS23-160	11R22.5-16		935 (36.8)	950 (37.4)	1030 (40.6)	1055 (41.5)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2725 (107.3)
			295/75R22.5_Fr7160 _Rr14PR		915 (36.0)	930 (36.6)	1010 (39.8)	1035 (40.7)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2705 (106.5)

• CHASSIS MODEL : NJ8J, NV8J AND NH8J WITH OPTION BUMPER  
(FOR ALL MODELS)



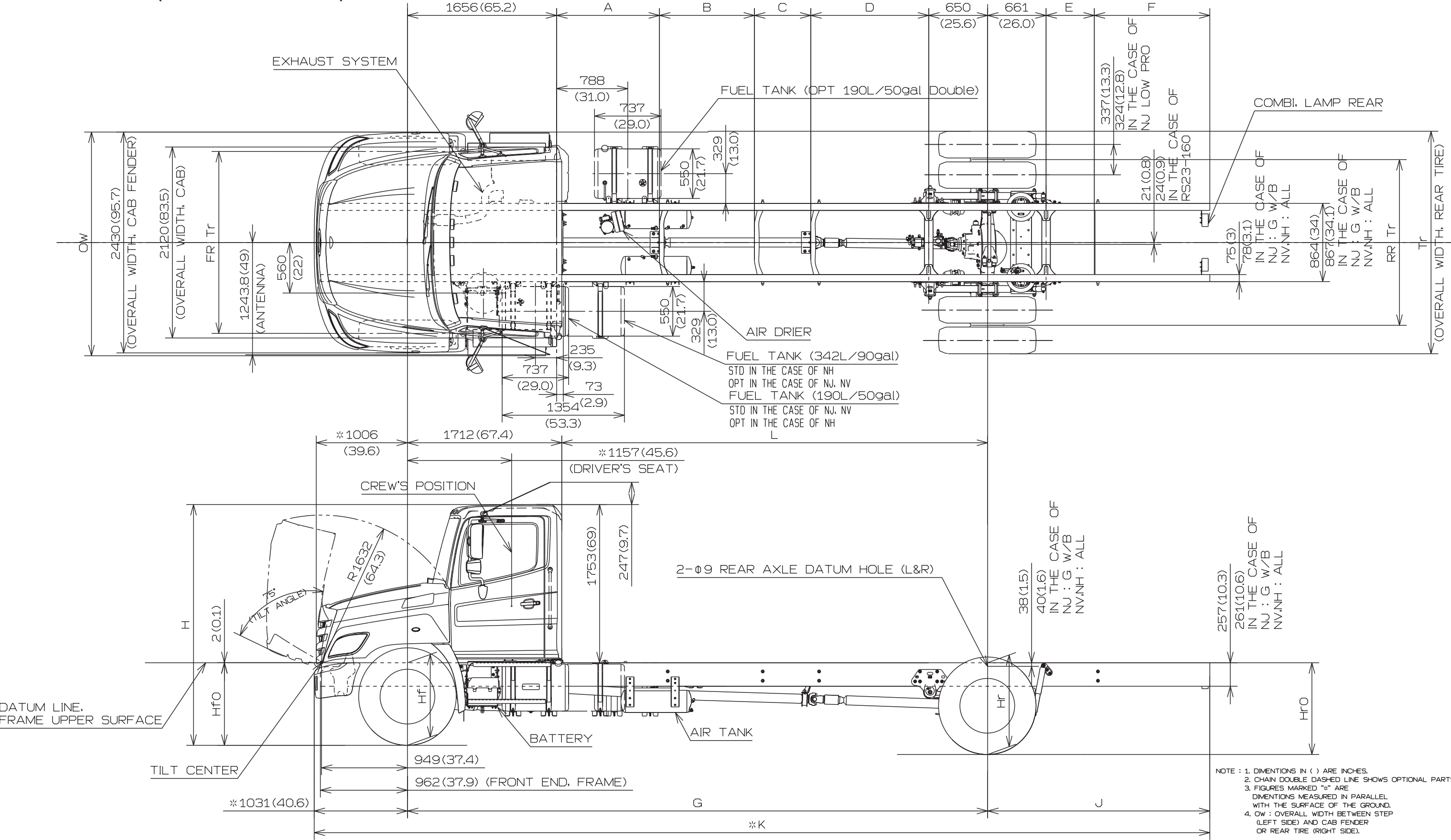
Unit:mm(in.)

MODEL	WHEEL BASE	K
NJ8J NV8J NH8J	G	6262 (246.5)
	J	7176 (282.5)
	L	7786 (306.5)
	M	8243 (324.5)
NJ8J	N	7786 (306.5)
NJ8J NV8J NH8J	P	9107 (358.5)
	R	9564 (376.5)
	T	10021 (394.5)
	V	

NOTE:1.FIGURES MARKED "※" ARE DIMENSIONS MEASURED  
IN PARALLEL WITH THE SURFACE OF THE GROUND.  
2.DIMENSIONS IN ( ) ARE INCHES.

CHASSIS MODEL : NJ8J, NV8J AND NH8J  
(REAR AIR SUSPENSION)

Unit : mm (in.)



• CHASSIS MODEL : NJ8J, NV8J AND NH8J  
(REAR AIR SUSPENSION)

DIMENSION OF CHASSIS

Unit : mm (in.)

MODEL	A	B	C	D	E	F	G	J	K	L
NJ8JGSG	804 (31.7)			751 (29.6)	609 (24.0)		3861 (152.0)	1270 (50.0)	6162 (242.6)	2149 (84.6)
NV8JGSG										
NH8JGSG										
NJ8JJSJG	834 (32.8)			1305 (51.4)	939 (37.0)		4445 (175.0)	1600 (63.0)	7076 (278.6)	2733 (107.6)
NV8JJSJG										
NH8JJSJG										
NJ8JLSJG	1139 (44.8)			1305 (51.4)	1244 (49.0)		4750 (187.0)	1905 (75.0)	7686 (302.6)	3038 (119.6)
NV8JLSJG										
NH8JLSJG										
NJ8JMSG	834 (32.8)	762 (30.0)		1305 (51.4)	1244 (49.0)		5207 (205.0)	1905 (75.0)	8143 (320.6)	3495 (137.6)
NV8JMSG										
NH8JMSG										
NJ8JNSJG	834 (32.8)	940 (37.0)		1305 (51.4)	609 (24.0)		5385 (212.0)	1270 (50.0)	7686 (302.6)	3673 (144.6)
NJ8JPSJG	834 (32.8)	1067 (42.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	5512 (217.0)	2464 (97.0)	9007 (354.6)	3800 (149.6)
NV8JPSJG										
NH8JPSJG										
NJ8JRSJG	834 (32.8)	1524 (60.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	5969 (235.0)	2464 (97.0)	9464 (372.6)	4257 (167.6)
NV8JRSJG										
NH8JRSJG										
NJ8JTSJG	1139 (44.8)	1676 (66.0)		1305 (51.4)	523 (20.6)	1280 (50.4)	6426 (253.0)	2464 (97.0)	9921 (390.6)	4714 (185.6)
NV8JTSJG										
NH8JTSJG										
NJ8JVSJG	834 (32.8)	1067 (42.0)	1372 (54.0)	1305 (51.4)	523 (20.6)	822 (32.4)	6883 (271.0)	2007 (79.0)	9921 (390.6)	5171 (203.6)
NV8JVSJG										
NH8JVSJG										

DIMENSION OF HEIGHT FROM GROUND

Unit : mm (in.)

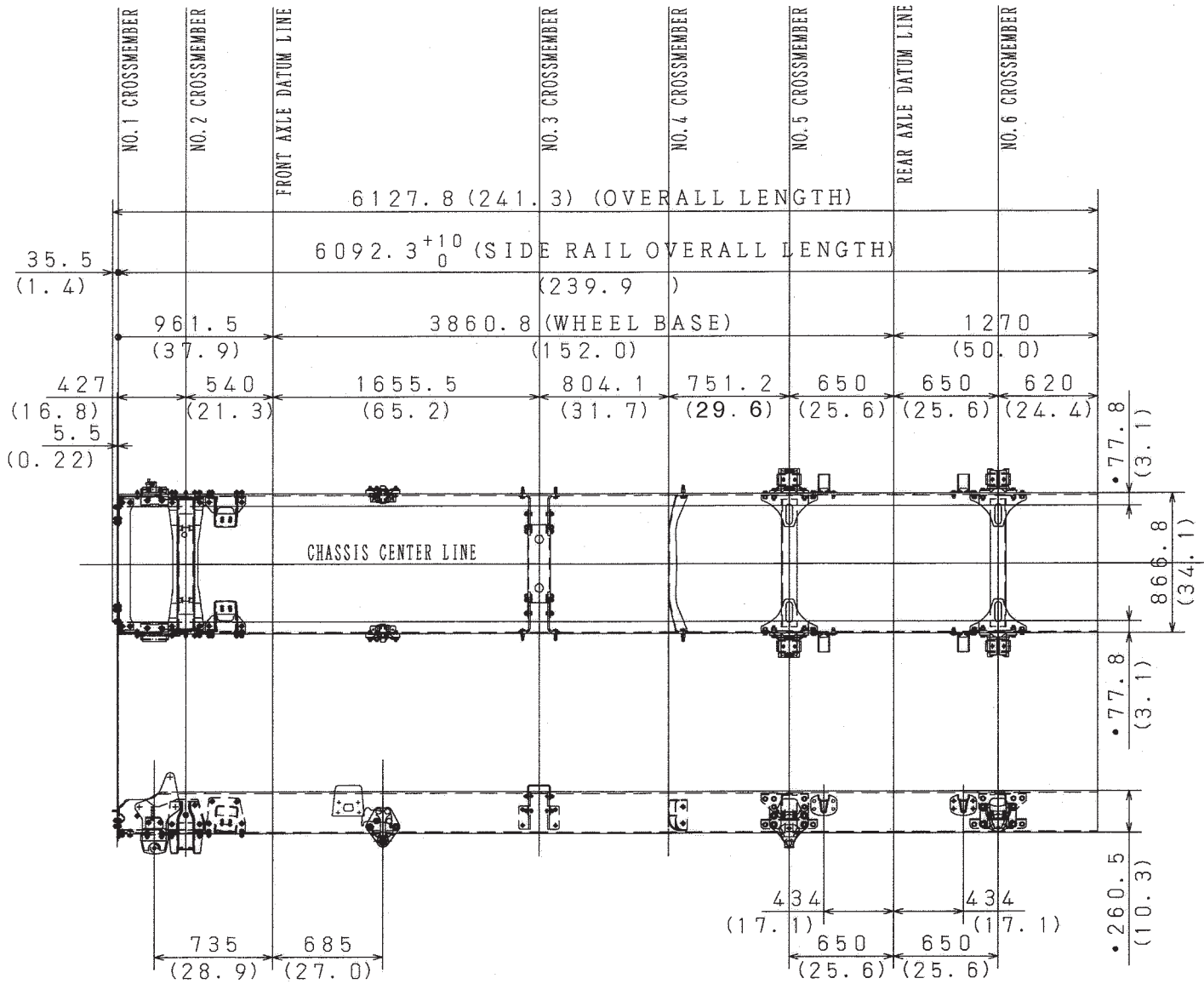
MODEL	FR AXLE	TIRE	WHEEL	GROUND HEIGHT FRAME UPPER URFACE				FR Tr	RR Tr	Tr	OW	H
				HfO	Hf	Hr	Ho					
NJ8J	8000lbs	Fr:245/70R19.5-14 Rr:245/70R19.5-16	19.5x7.50-162	840 (33.1)	845 (33.3)	885 (34.8)	900 (35.4)	2030 (79.9)	1840 (72.4)	2415 (95.1)	2470 (97.2)	2610 (102.8)
		245/70R19.5-16		840 (33.1)	845 (33.3)	885 (34.8)	900 (35.4)	2030 (79.9)	1840 (72.4)	2415 (95.1)	2470 (97.2)	2610 (102.8)
		11R22.5-14	22.5x8.25-168	945 (37.2)	955 (37.6)	990 (39.0)	1005 (39.6)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2720 (107.1)
		255/70R22.5-16		885 (34.8)	895 (35.2)	930 (36.6)	945 (37.2)	2015 (79.3)	1835 (72.2)	2435 (95.9)	2475 (97.4)	2660 (104.7)
	10000lbs	295/75R22.5-14	22.5x8.25-168	925 (36.4)	935 (36.8)	970 (38.2)	985 (38.8)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2700 (106.3)
		11R22.5-14		930 (36.6)	940 (37.0)	990 (39.0)	1010 (39.8)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2710 (106.7)
		255/70R22.5-16	22.5x8.25-168	870 (34.3)	880 (34.6)	930 (36.6)	950 (37.4)	2015 (79.3)	1835 (72.2)	2435 (95.9)	2475 (97.4)	2650 (104.3)
		295/75R22.5-14		910 (35.8)	920 (36.2)	970 (38.2)	990 (39.0)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2690 (105.9)
NV8J	10000lbs or 12000lbs	11R22.5-14	22.5x8.25-168	925 (36.4)	940 (37.0)	990 (39.0)	1015 (40.0)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2710 (106.7)
		295/75R22.5-14		905 (35.6)	920 (36.2)	970 (38.2)	995 (39.2)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2690 (105.9)
	14000lbs	11R22.5-16		940 (37.0)	950 (37.4)	990 (39.0)	1010 (39.8)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2715 (106.9)
NH8J	12000lbs	11R22.5-14	22.5x8.25-168	925 (36.4)	940 (37.0)	990 (39.0)	1015 (40.0)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2710 (106.7)
	14000lbs	11R22.5-16		940 (37.0)	950 (37.4)	990 (39.0)	1010 (39.8)	2015 (79.3)	1835 (72.2)	2450 (96.5)	2480 (97.6)	2715 (106.9)
		295/75R22.5_Fr7160_Rr14PR		920 (36.2)	930 (36.6)	970 (38.2)	990 (39.0)	2015 (79.3)	1835 (72.2)	2460 (96.9)	2485 (97.8)	2695 (106.1)

4. CHASSIS FRAME DRAWINGS

Unit : mm (in.)

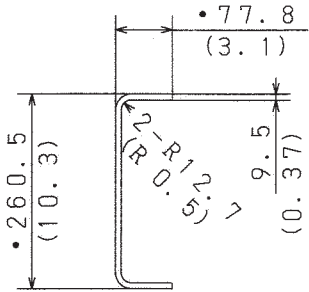
CHASSIS MODEL : NE8JGSA, NJ8JGSA, NV8JGSA AND NH8JGSA

1) DETAIL OF CHASSIS FRAME



HNECY17601001454

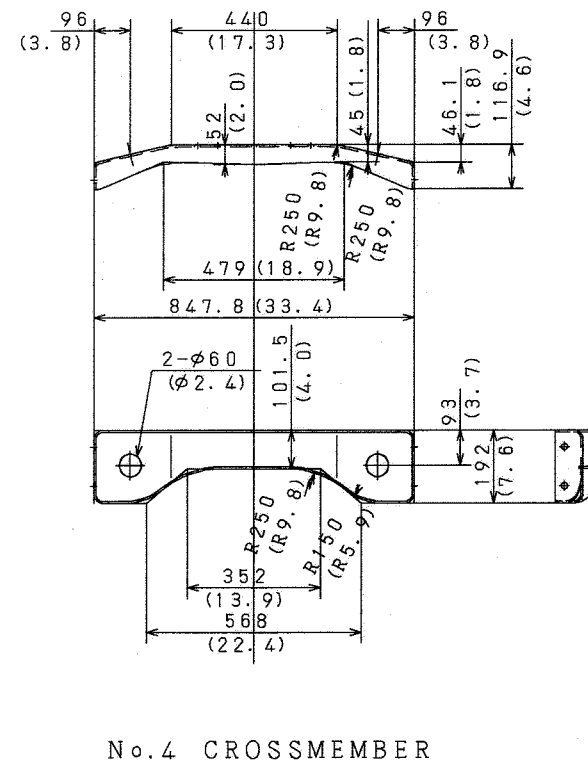
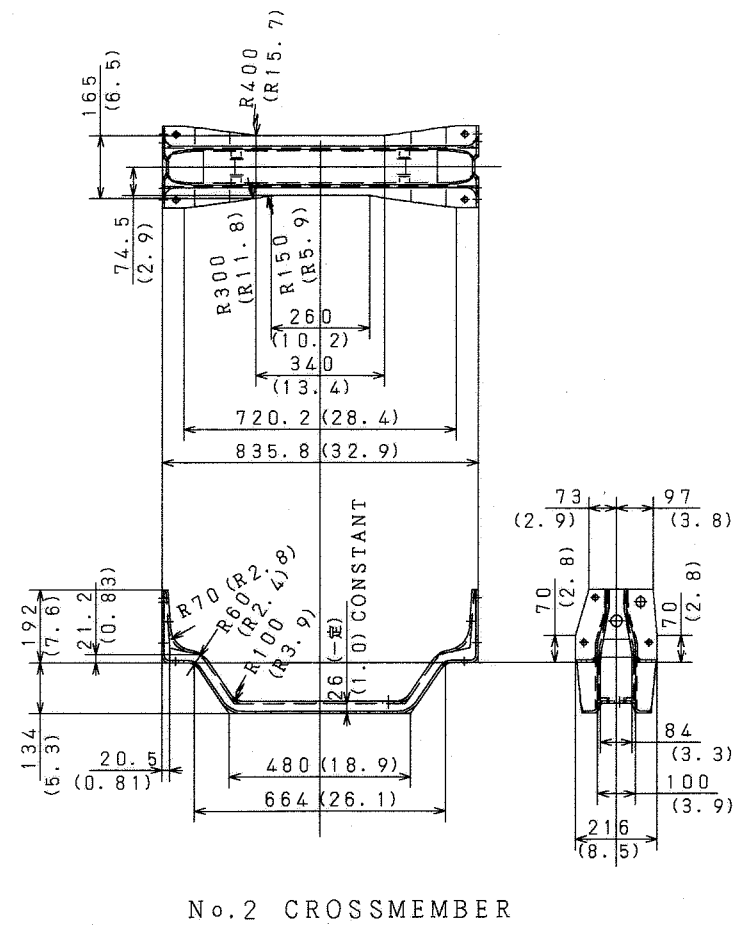
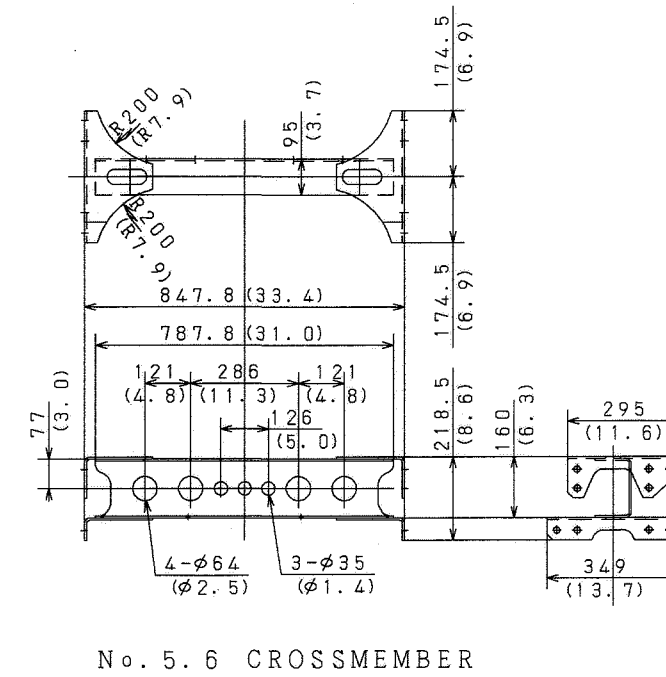
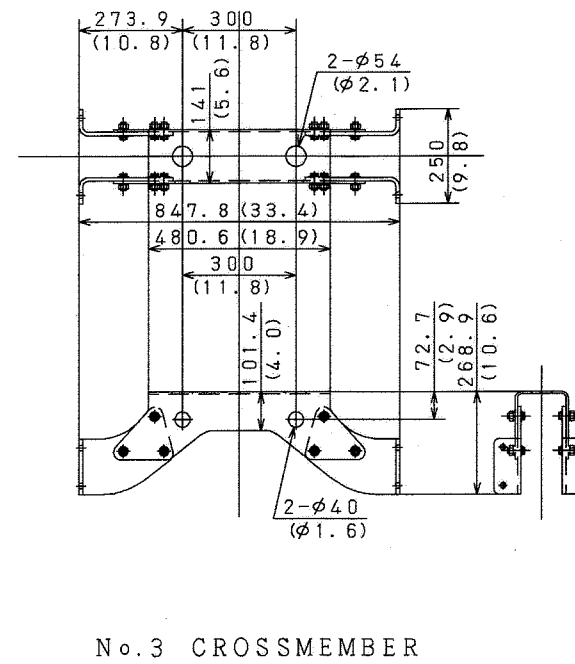
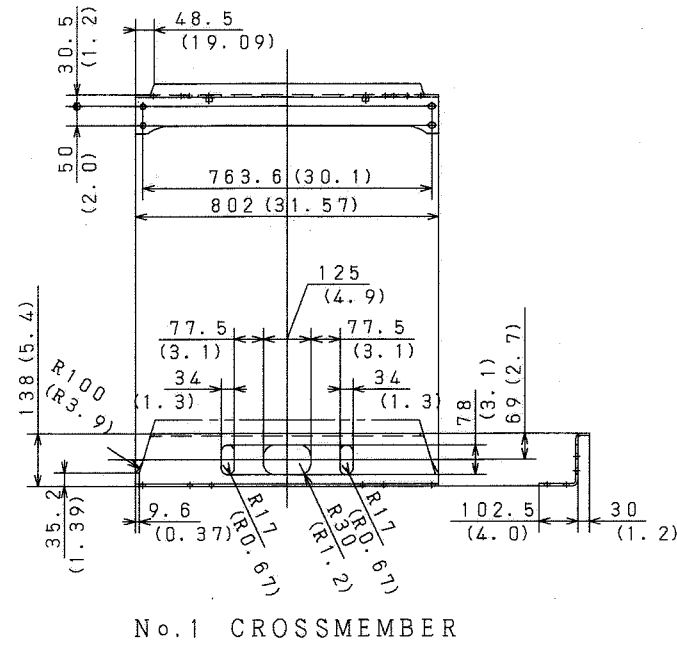
DETAIL OF FRAME END





## 2) DETAIL OF CROSSMEMBER

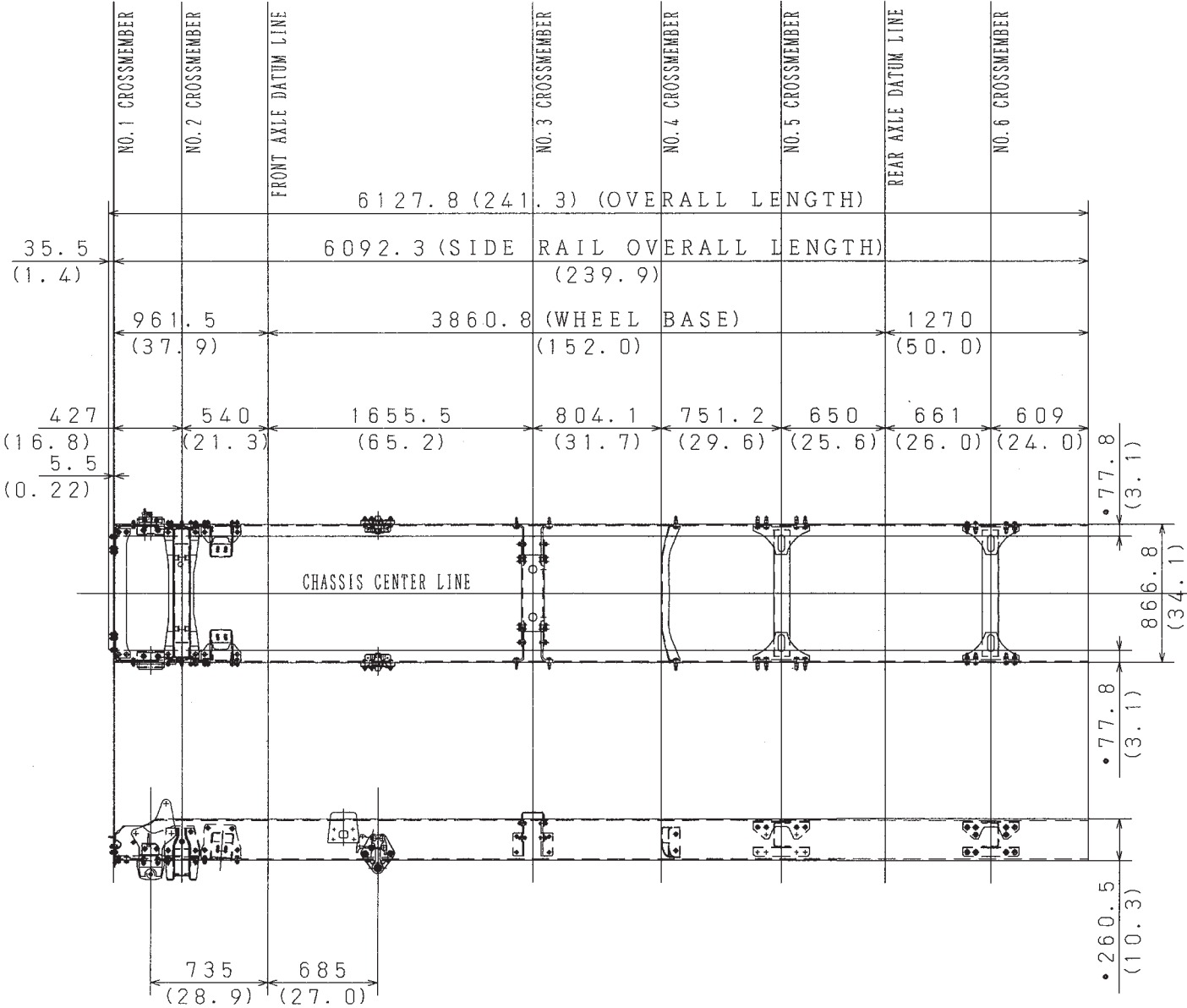
Unit : mm (in.)



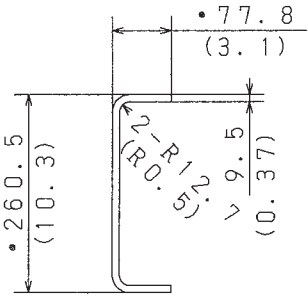
CHASSIS MODEL : NE8JGSG, NJ8JGSG, NV8JGSG AND NH8JGSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME



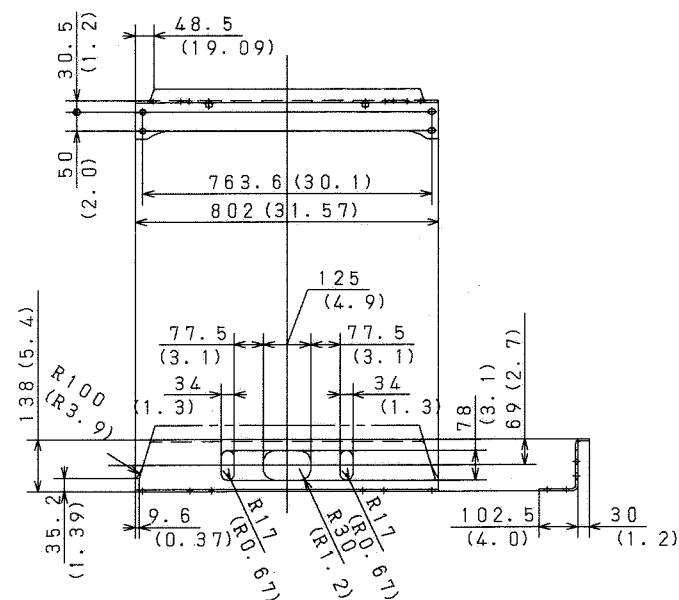
DETAIL OF FRAME END



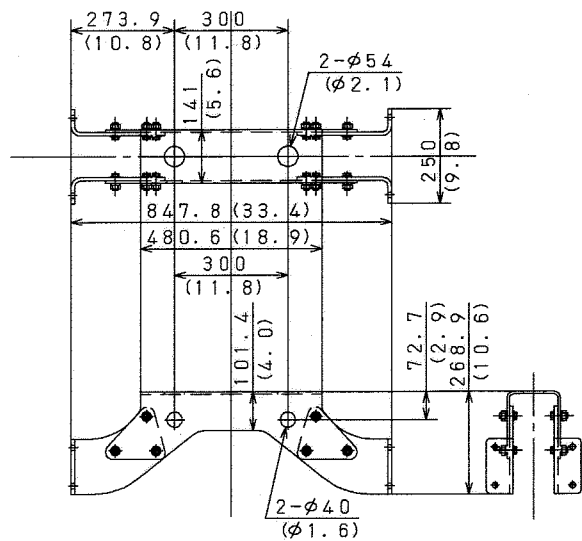


2) DETAIL OF CROSSMEMBER

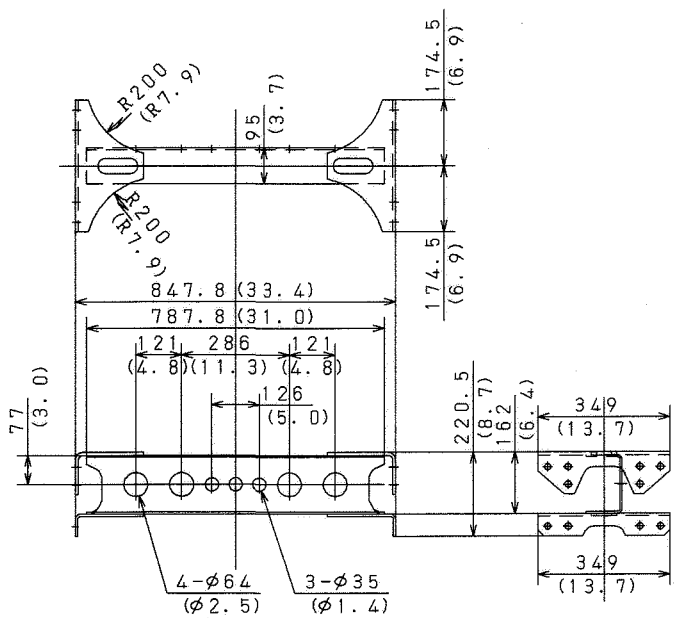
Unit : mm (in.)



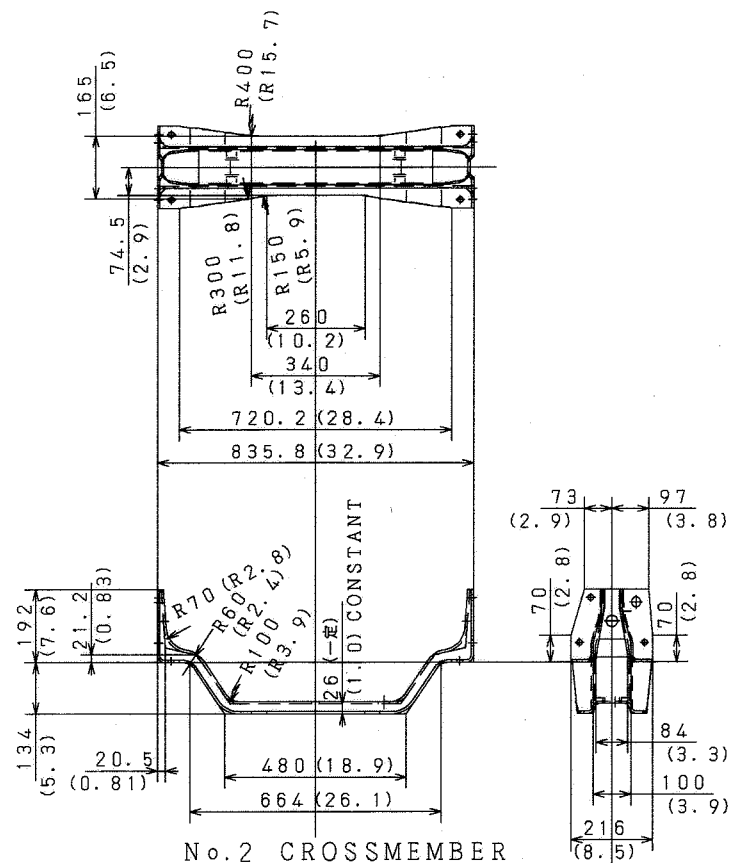
No.1 CROSSMEMBER



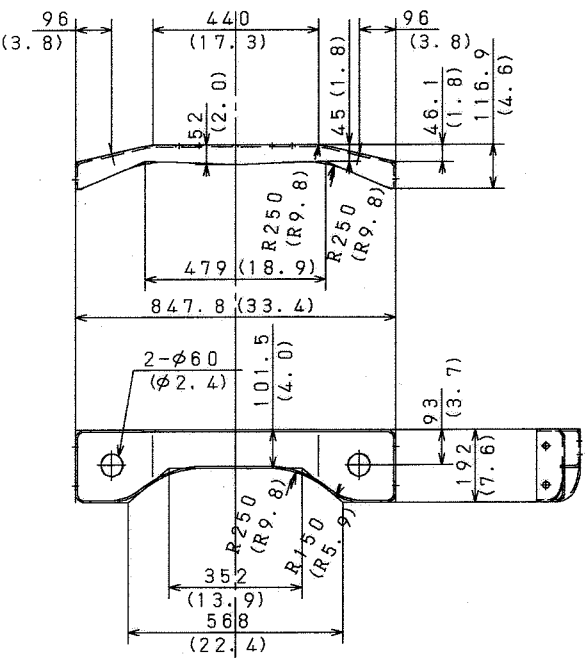
No.3 CROSSMEMBER



No.5・6 CROSSMEMBER



No.2 CROSSMEMBER

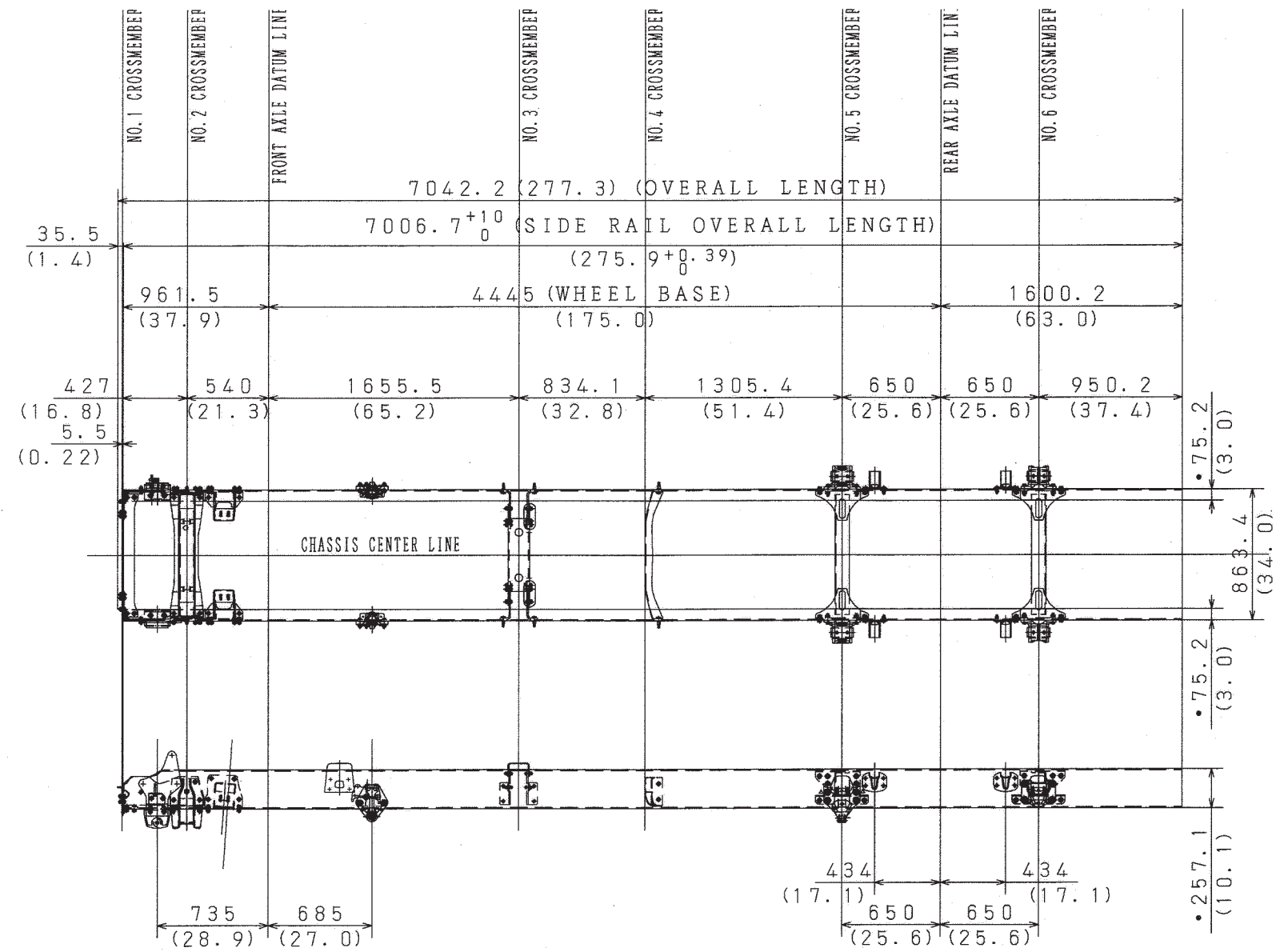


No.4 CROSSMEMBER

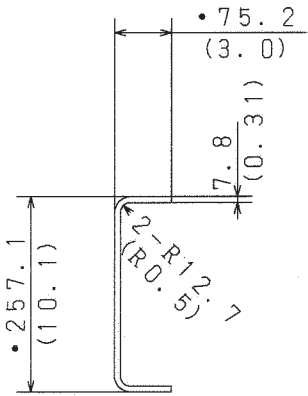
CHASSIS MODEL : NE8JJSA AND NJ8JJSA

1) DETAIL OF CHASSIS FRAME

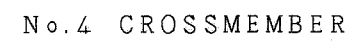
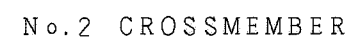
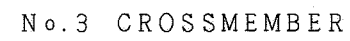
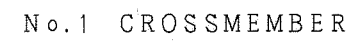
Unit : mm (in.)



DETAIL OF FRAME END



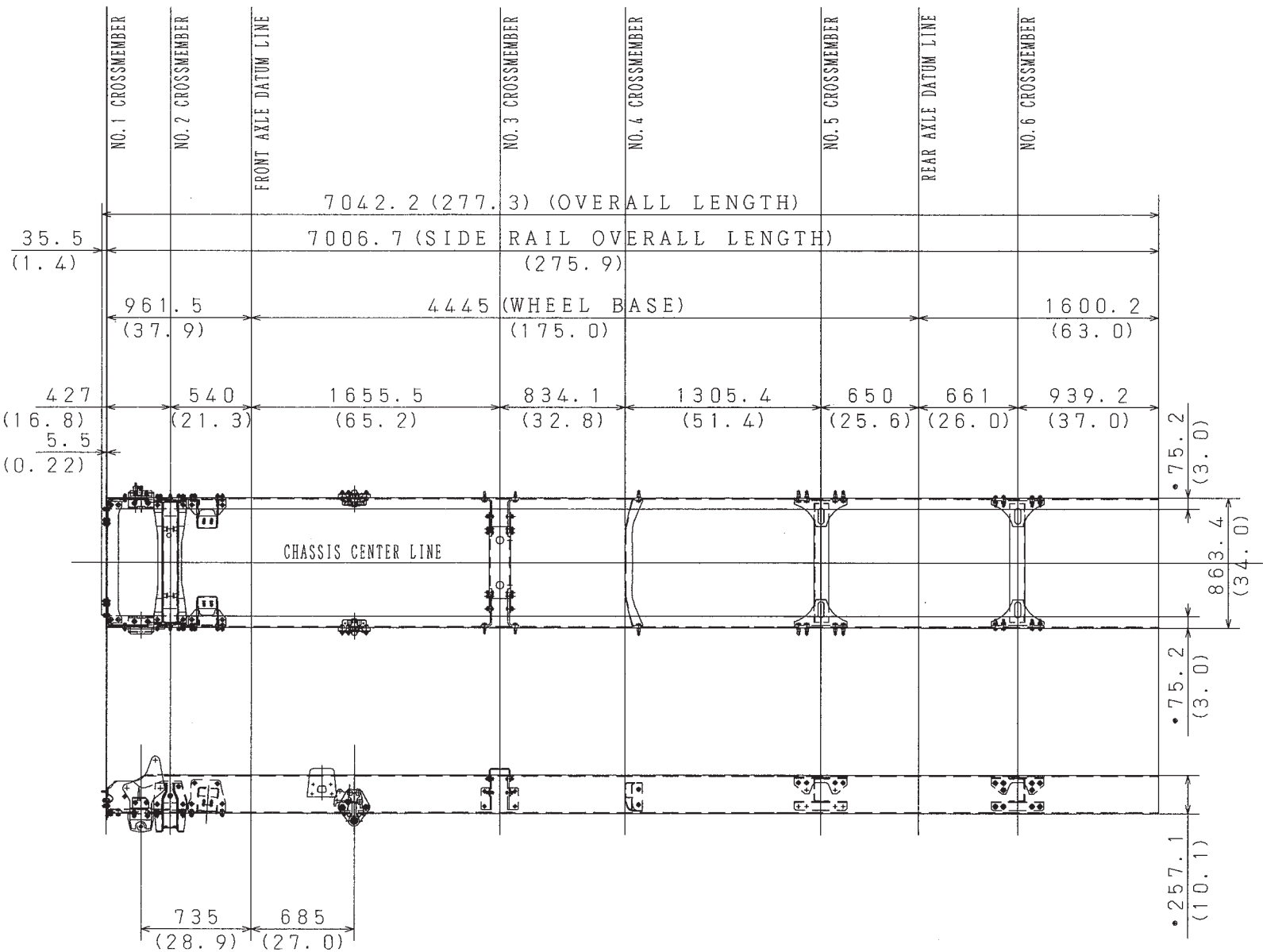
## Unit : mm (in.)



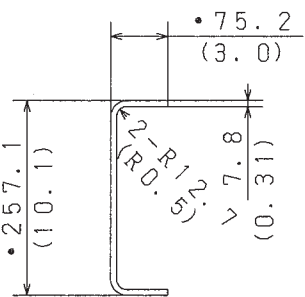
CHASSIS MODEL : NE8JJSG AND NJ8JJSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

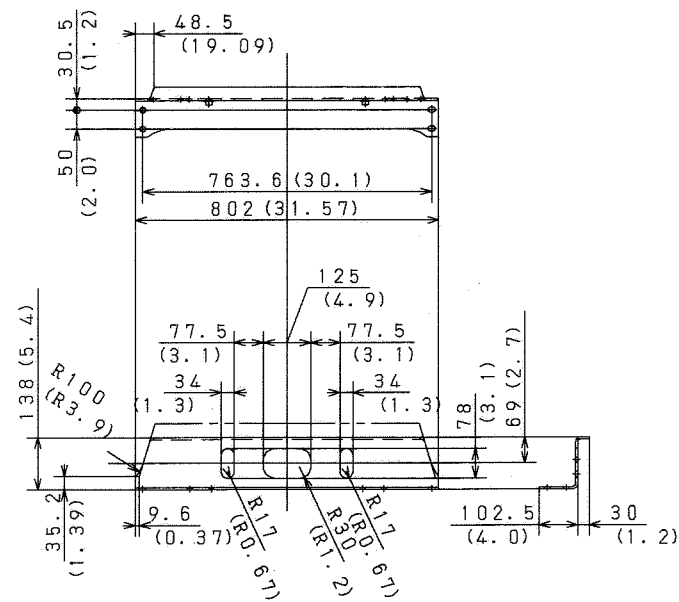


DETAIL OF FRAME END

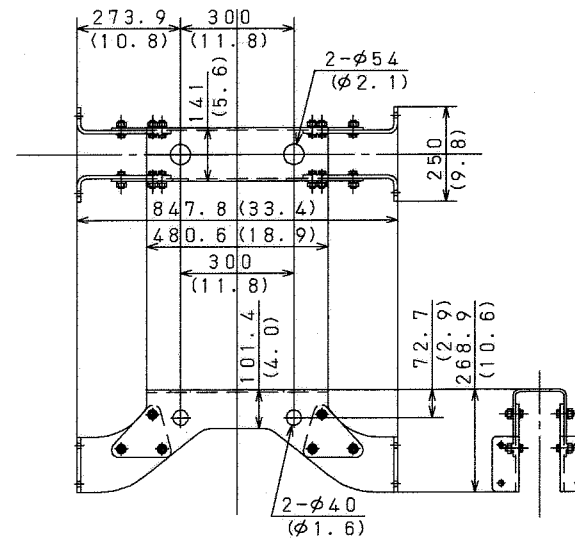


## 2) DETAIL OF CROSSMEMBER

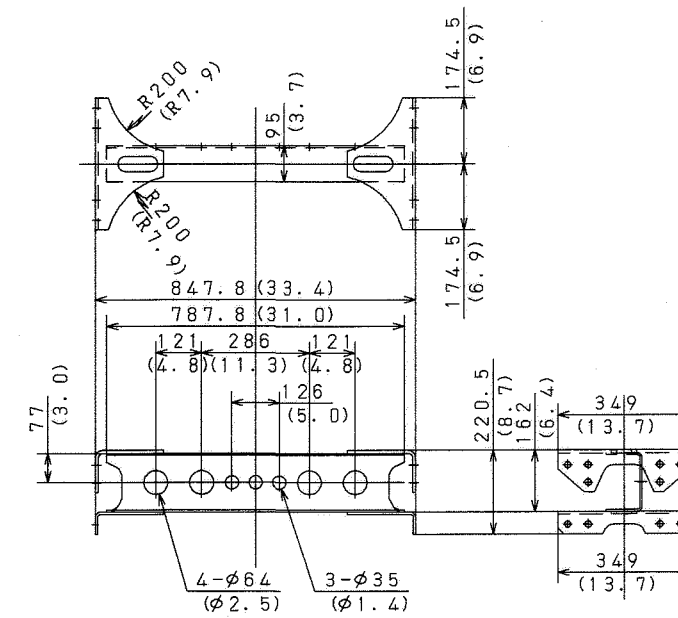
Unit : mm (in.)



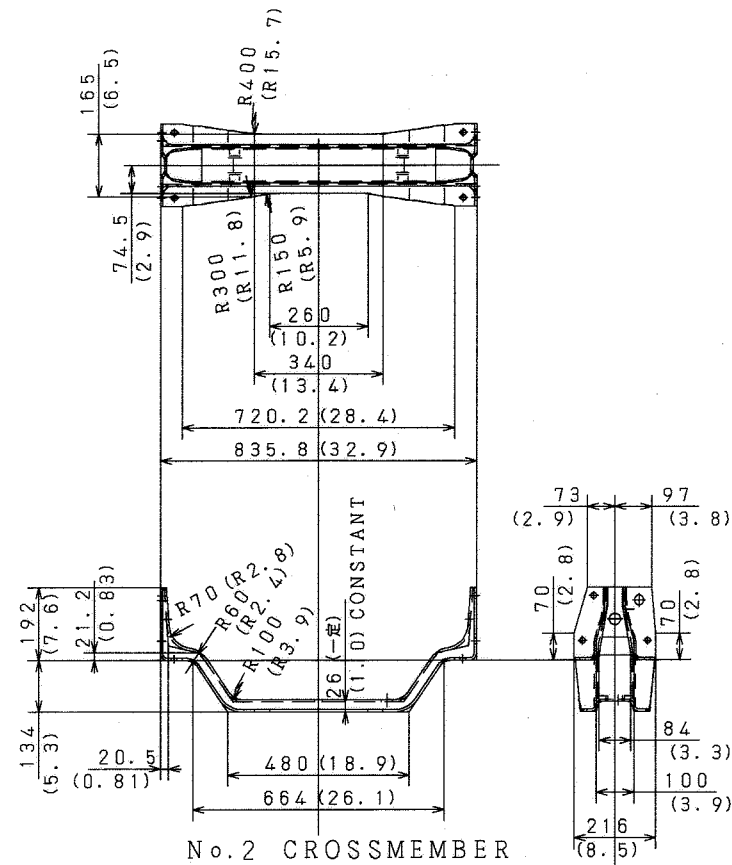
No. 1 CROSSMEMBER



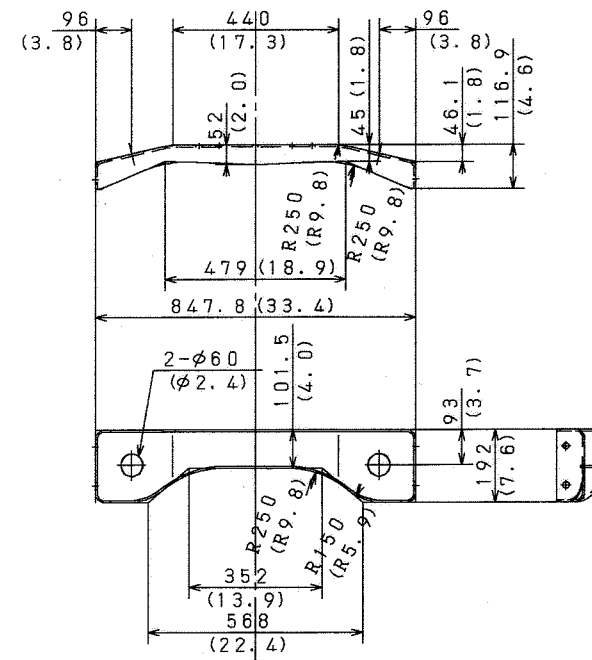
No. 3 CROSSMEMBER



No. 5 · 6 CROSSMEMBER



No. 2 CROSSMEMBER

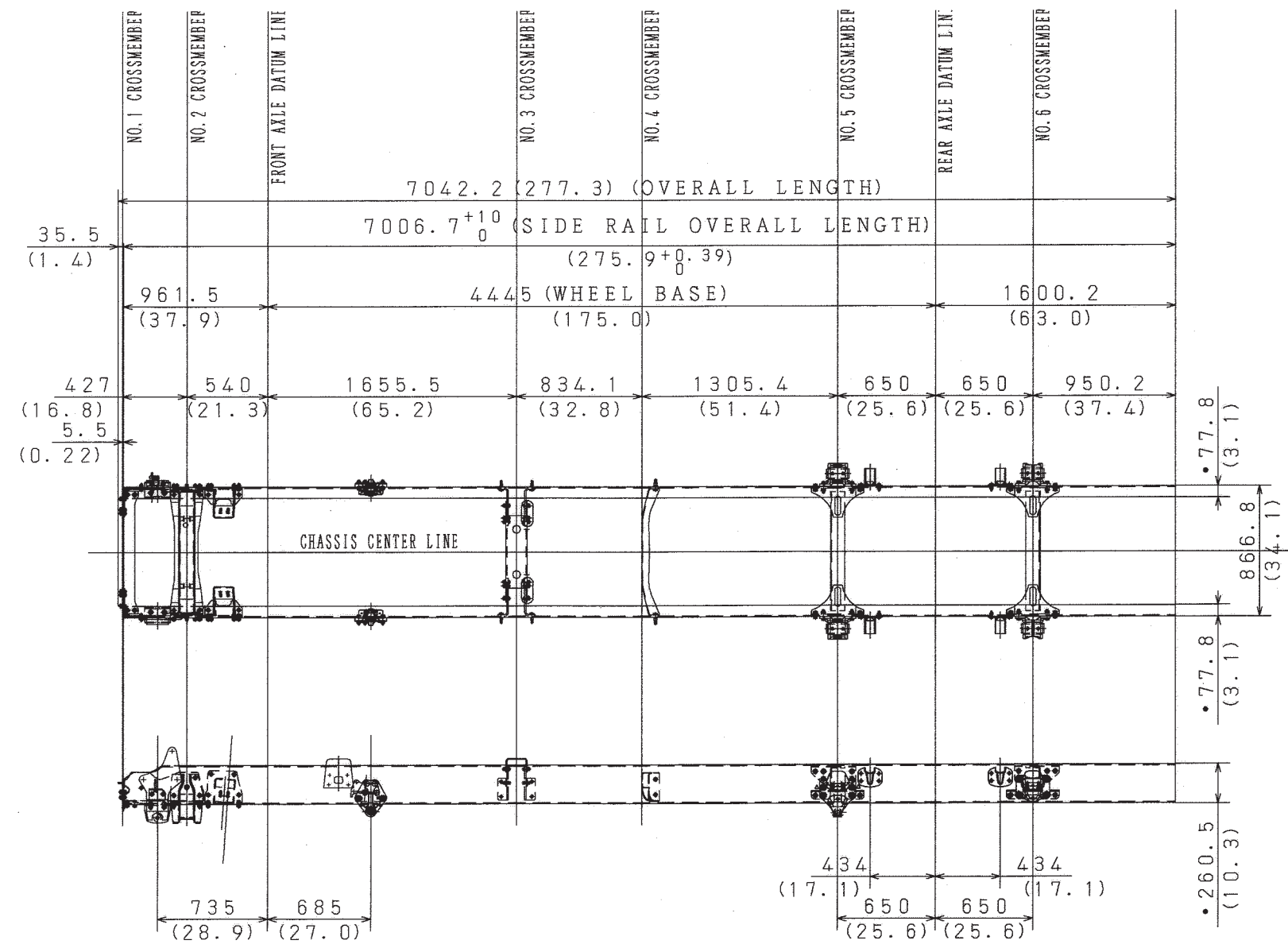


No. 4 CROSSMEMBER

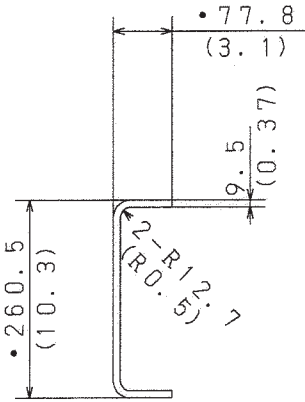
CHASSIS MODEL : NF8JJSA, NV8JJSA AND NH8JJSA

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

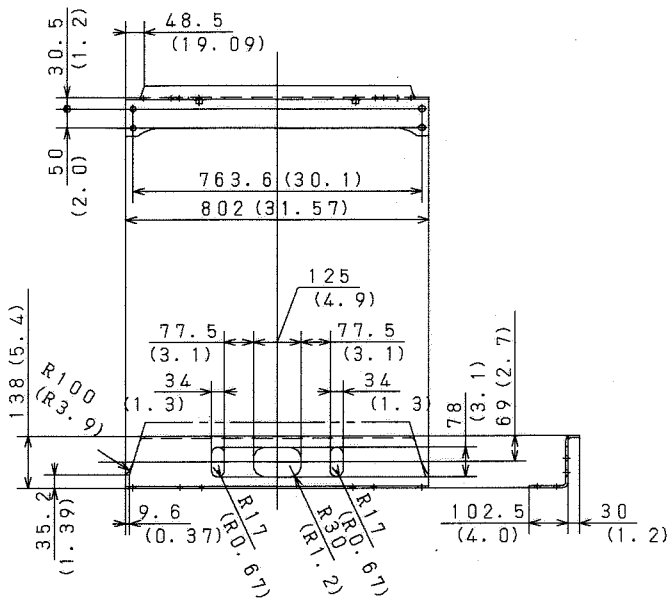


DETAIL OF FRAME END

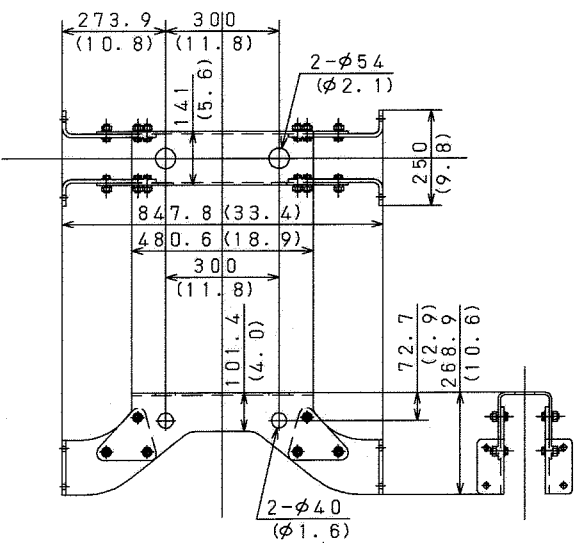


2) DETAIL OF CROSSMEMBER

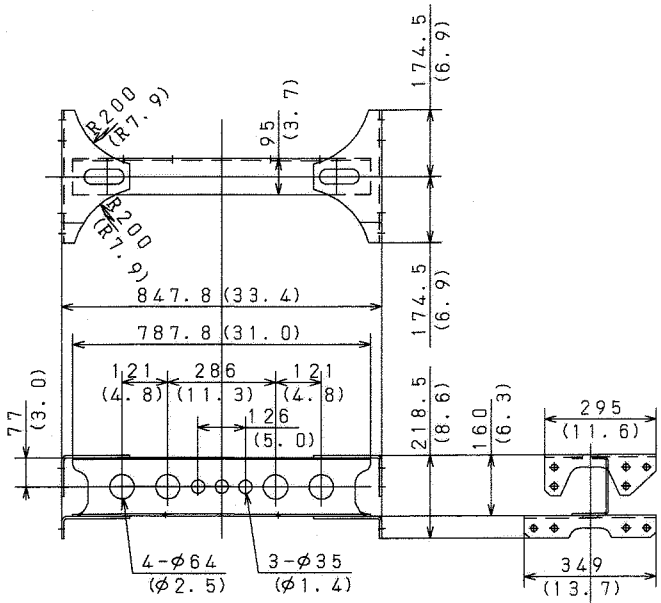
Unit : mm (in.)



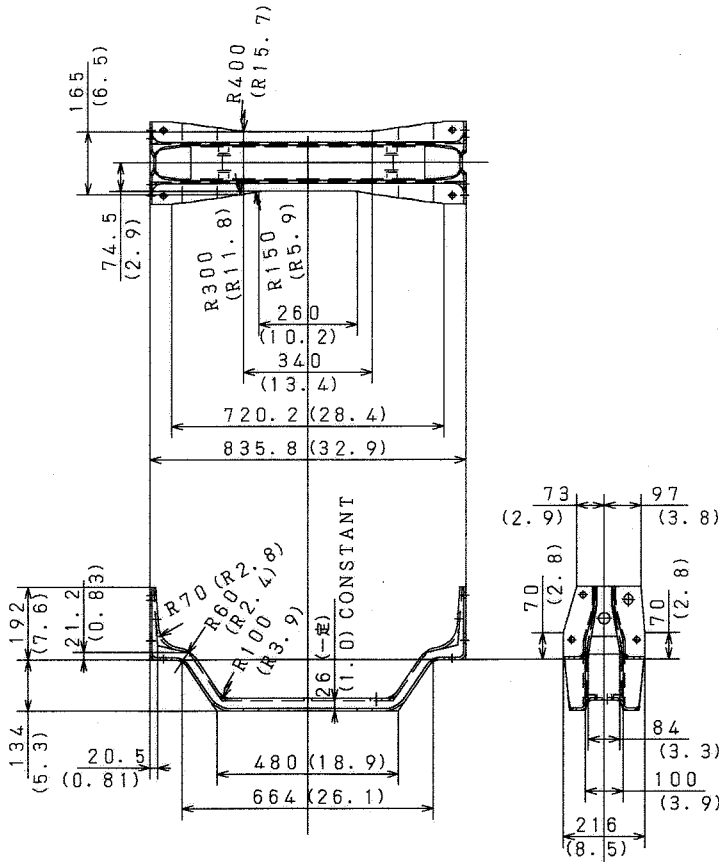
No.1 CROSSMEMBER



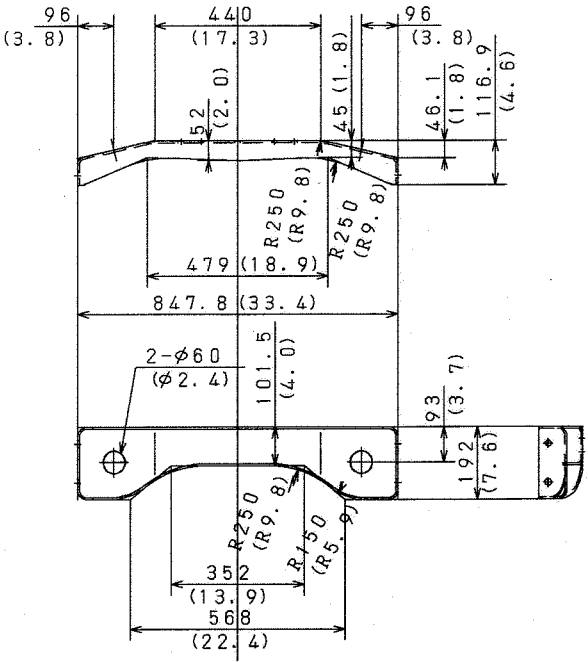
No.3 CROSSMEMBER



No.5,6 CROSSMEMBER



No.2 CROSSMEMBER



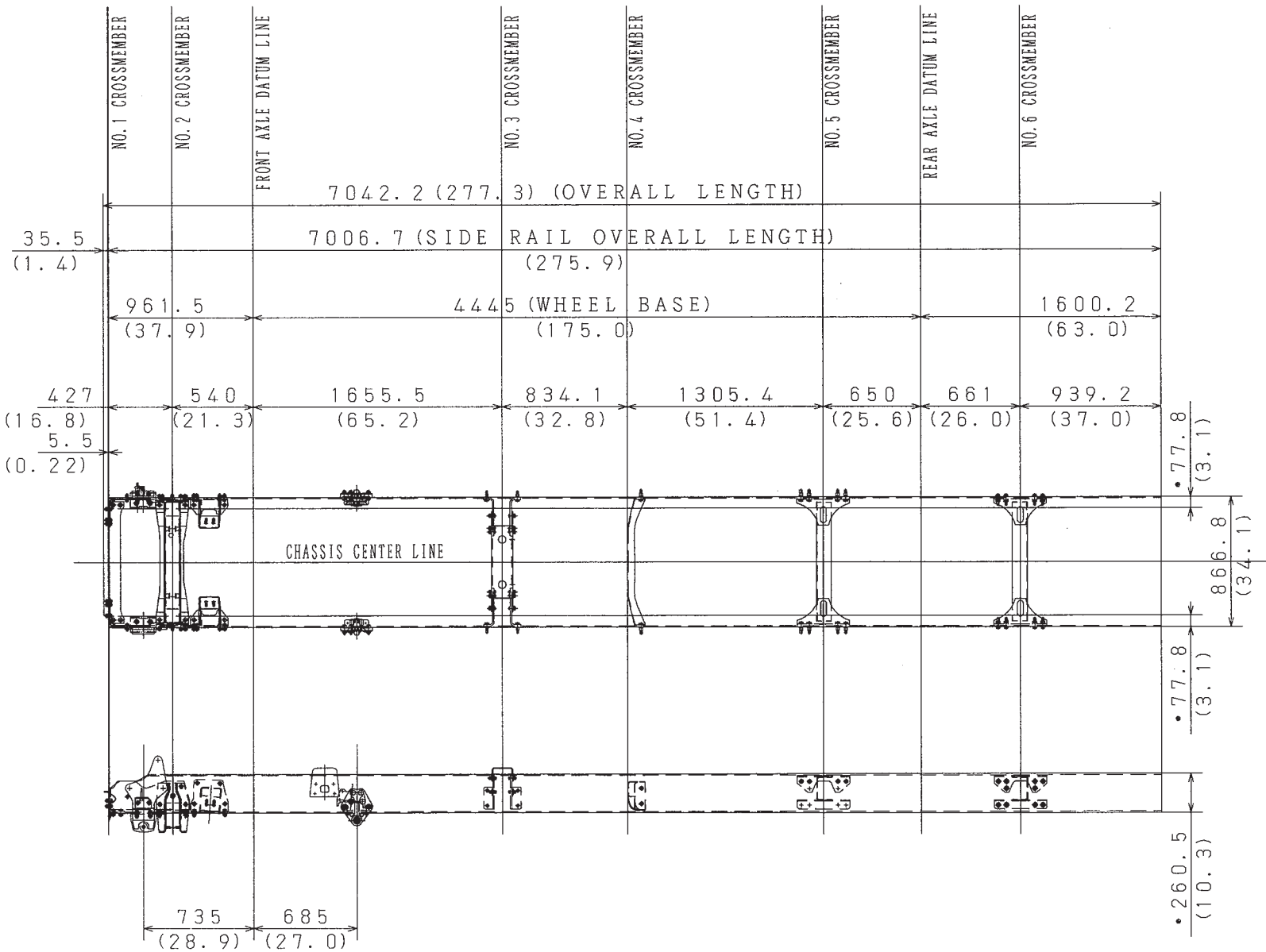
No.4 CROSSMEMBER



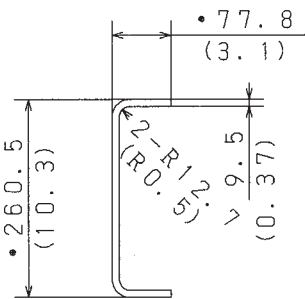
CHASSIS MODEL : NF8JJSG, NV8JJSG AND NH8JJSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME



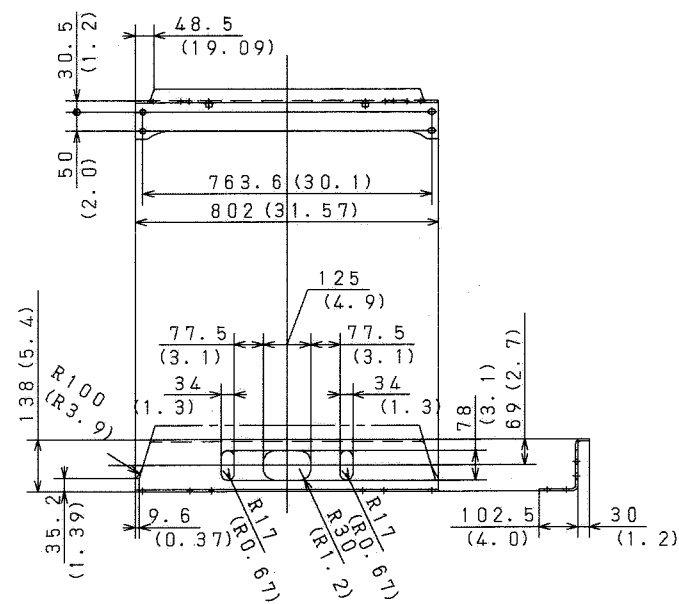
DETAIL OF FRAME END



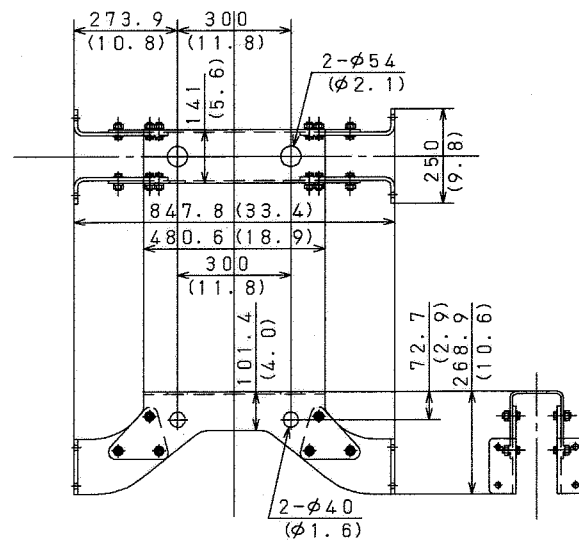


2) DETAIL OF CROSSMEMBER

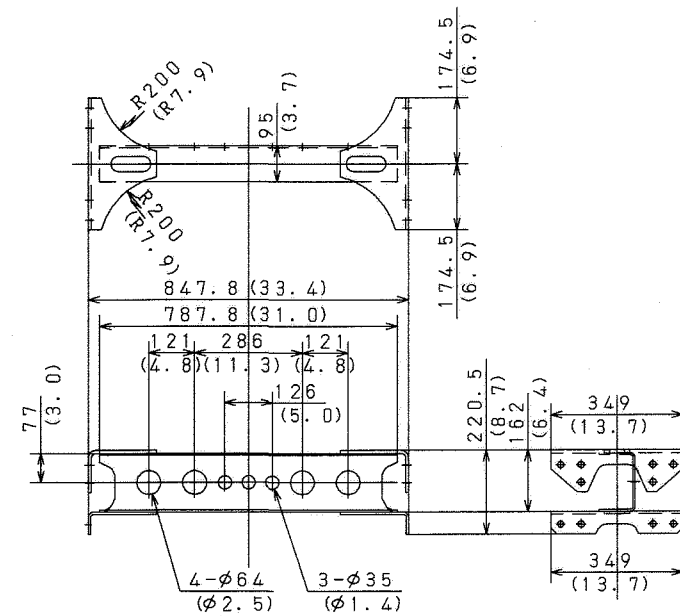
Unit : mm (in.)



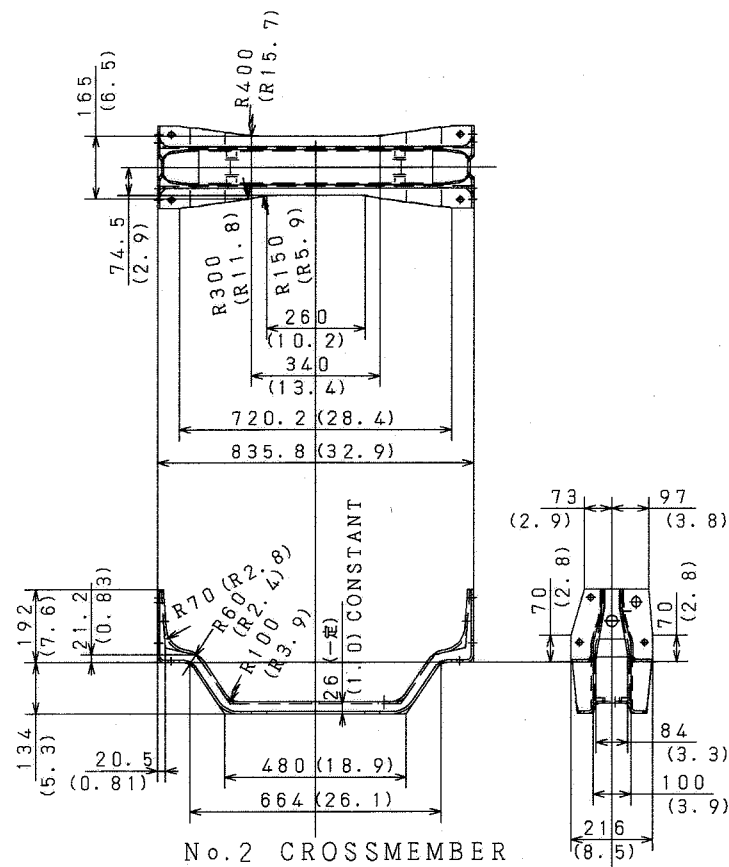
No.1 CROSSMEMBER



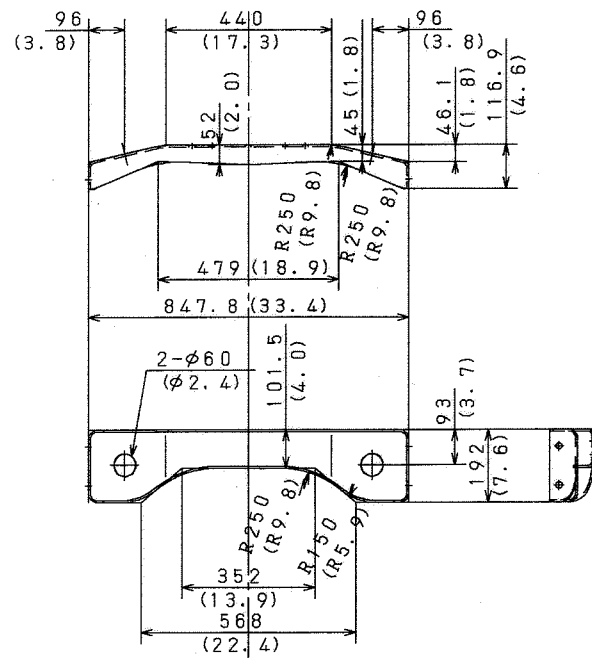
No.3 CROSSMEMBER



No.5・6 CROSSMEMBER



No.2 CROSSMEMBER

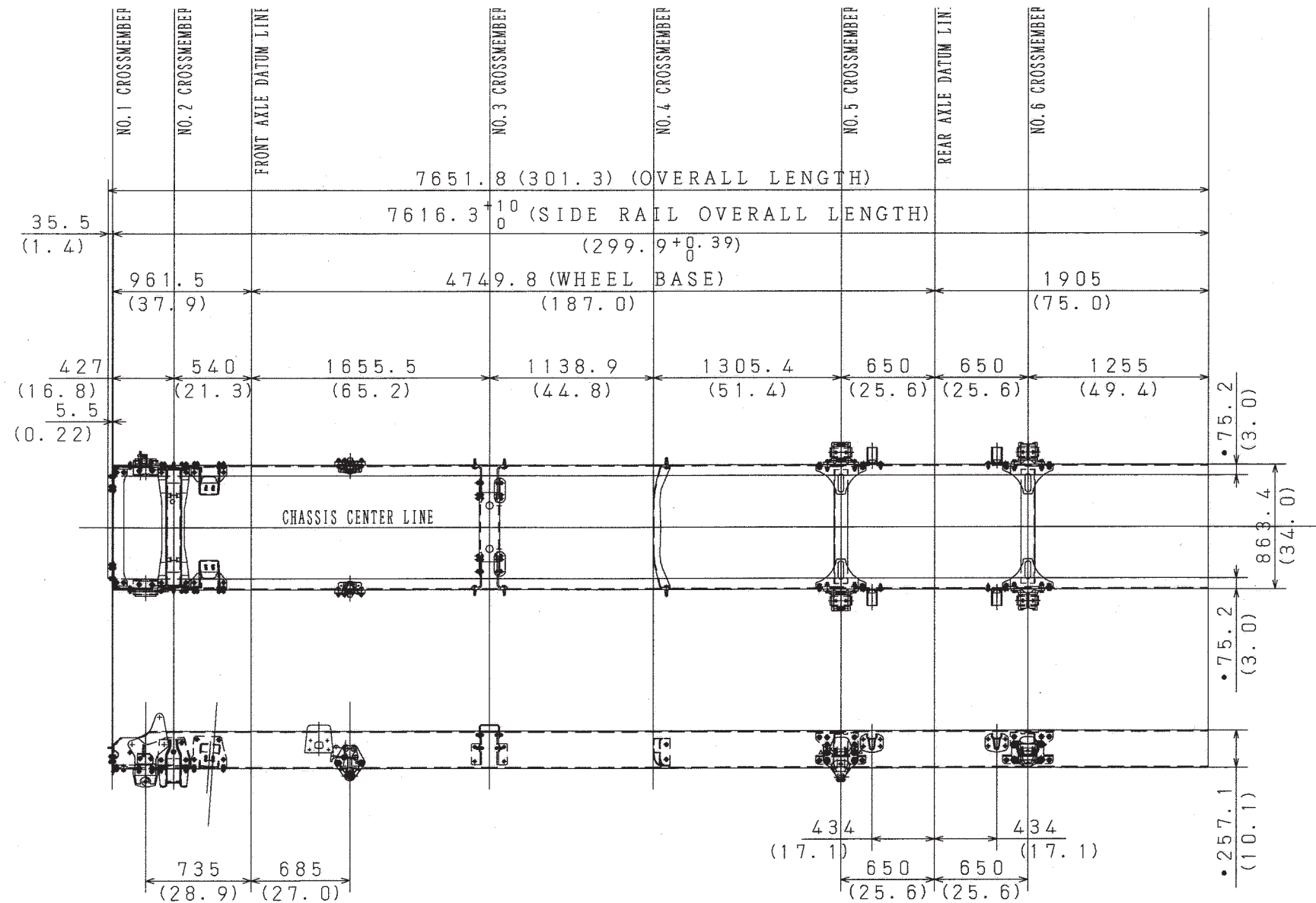


No.4 CROSSMEMBER

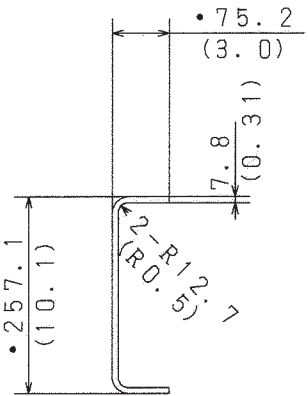
CHASSIS MODEL : NE8JLSA AND NJ8JLSA

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)

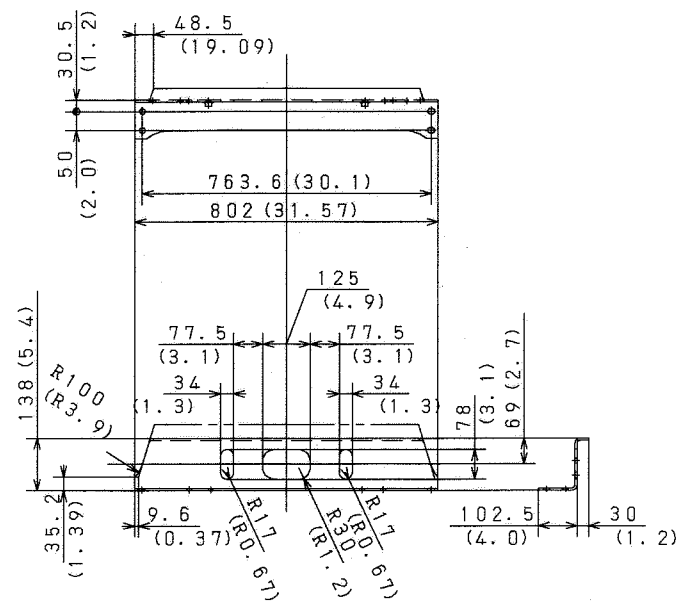


DETAIL OF FRAME END

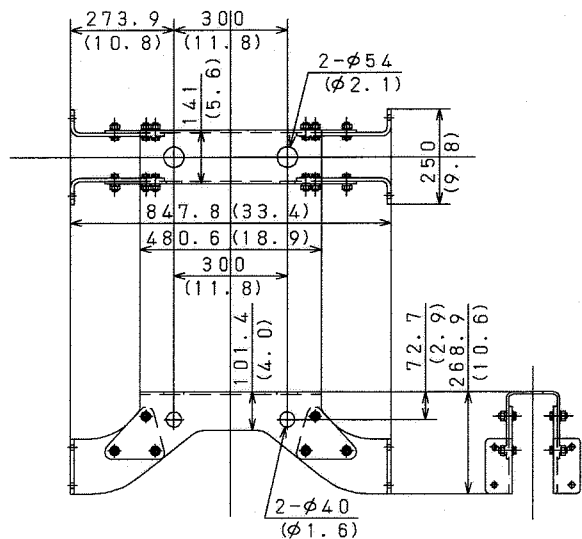


2) DETAIL OF CROSSMEMBER

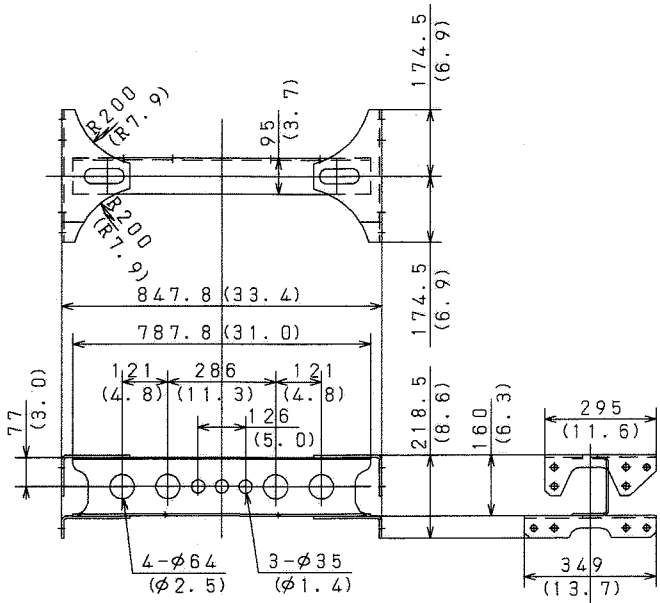
Unit : mm (in.)



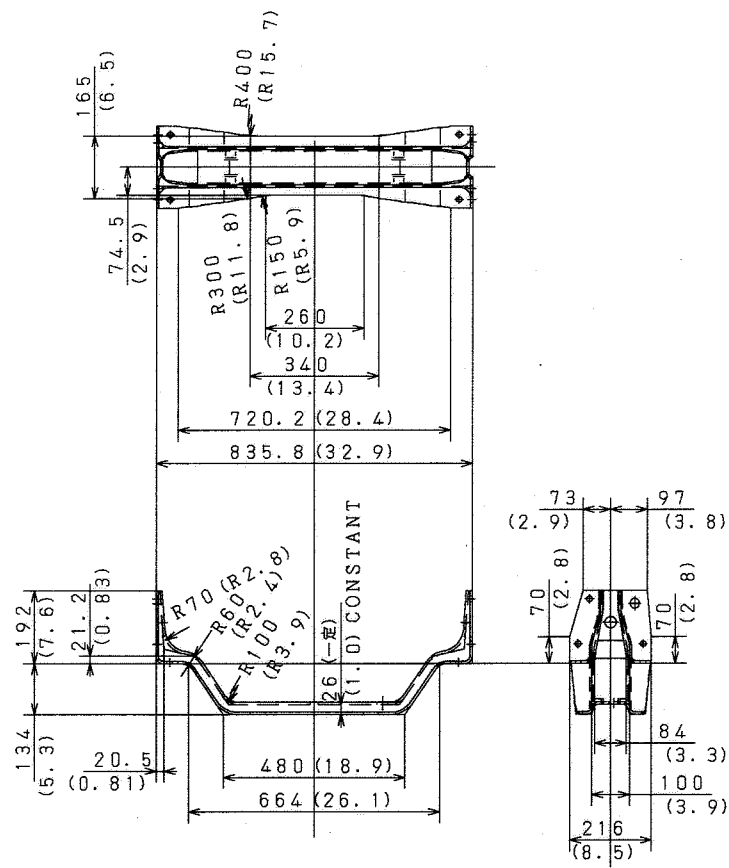
No.1 CROSSMEMBER



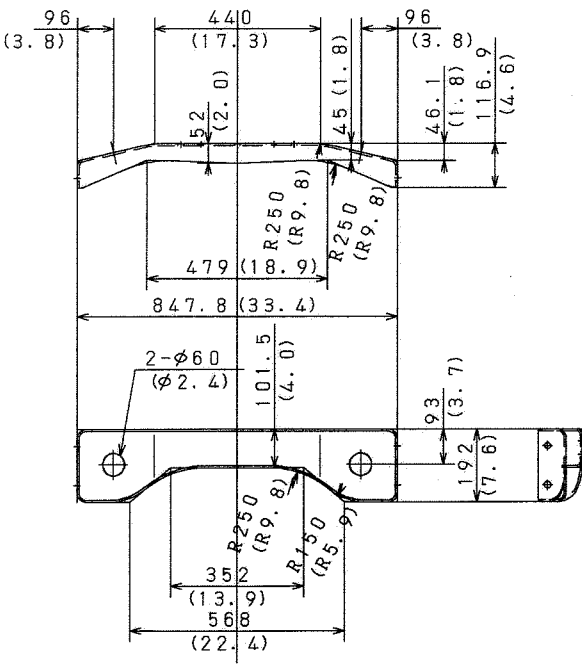
No.3 CROSSMEMBER



No.5, 6 CROSSMEMBER



No.2 CROSSMEMBER

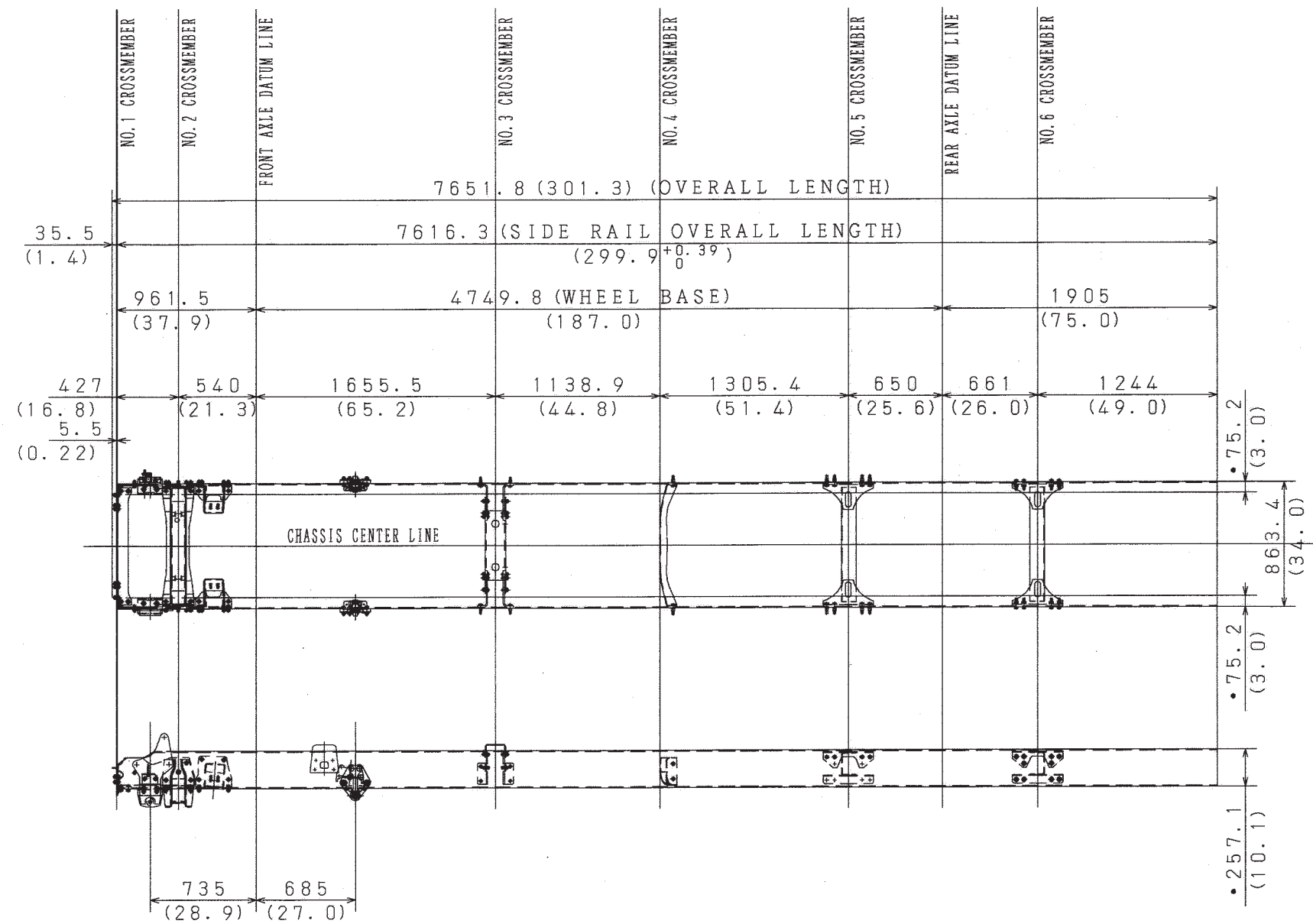


No.4 CROSSMEMBER

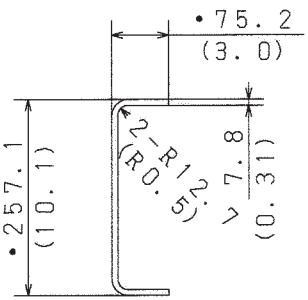
CHASSIS MODEL : NE8JLSG AND NJ8JLSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

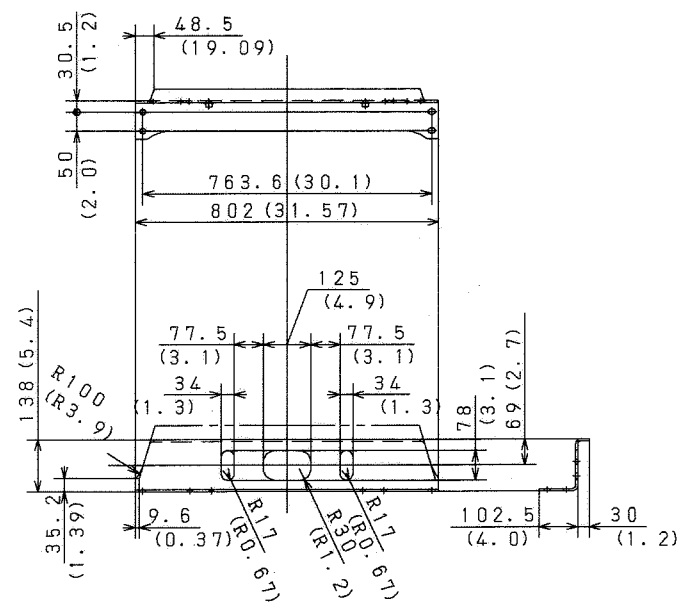


DETAIL OF FRAME END

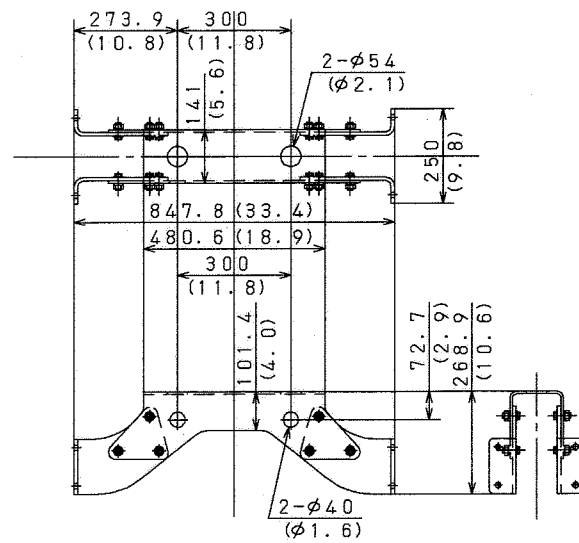


2) DETAIL OF CROSSMEMBER

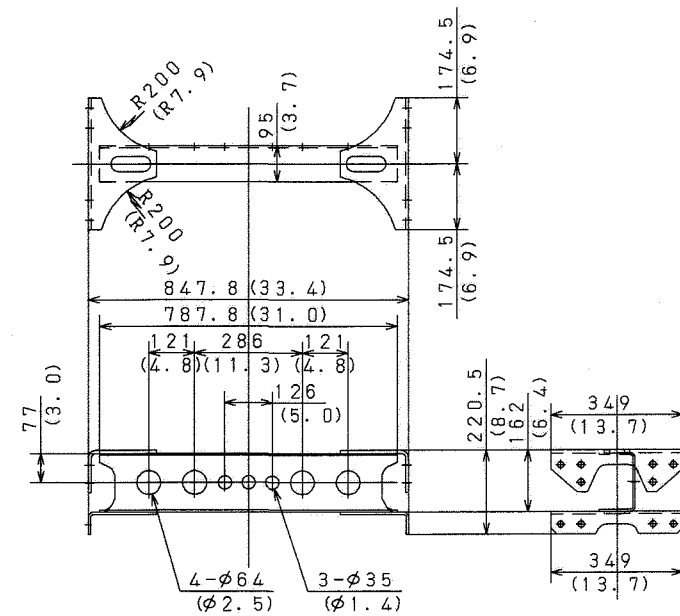
Unit : mm (in.)



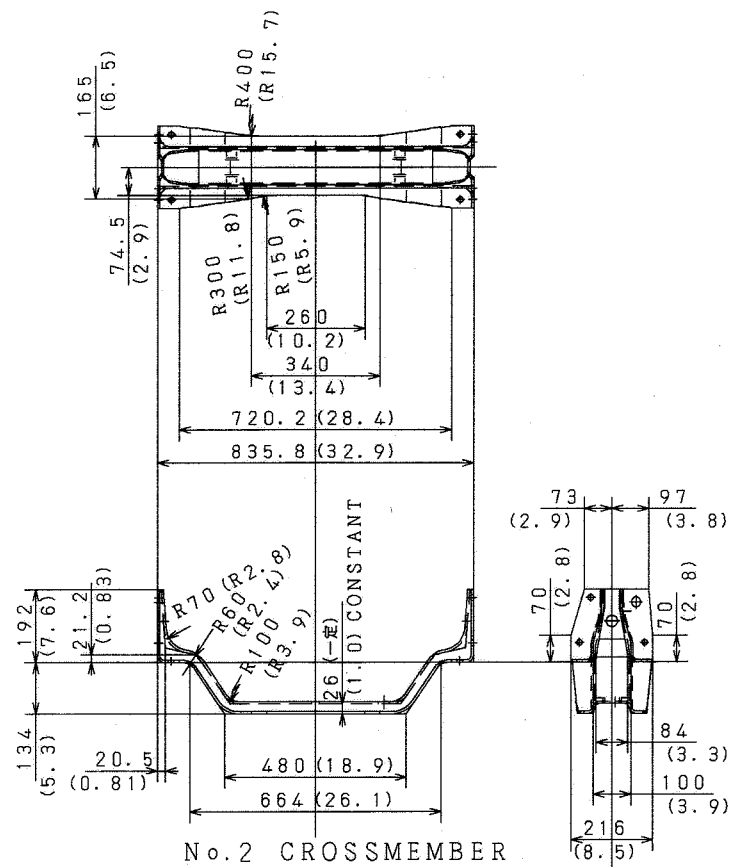
No.1 CROSSMEMBER



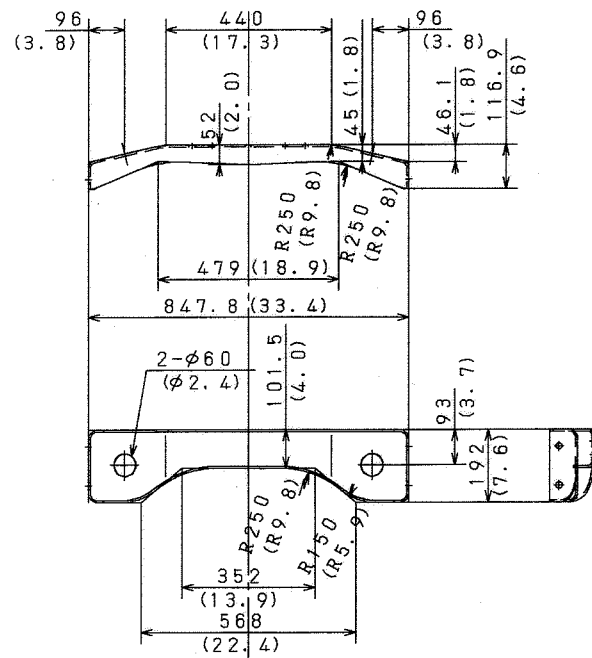
No.3 CROSSMEMBER



No.5・6 CROSSMEMBER



No.2 CROSSMEMBER

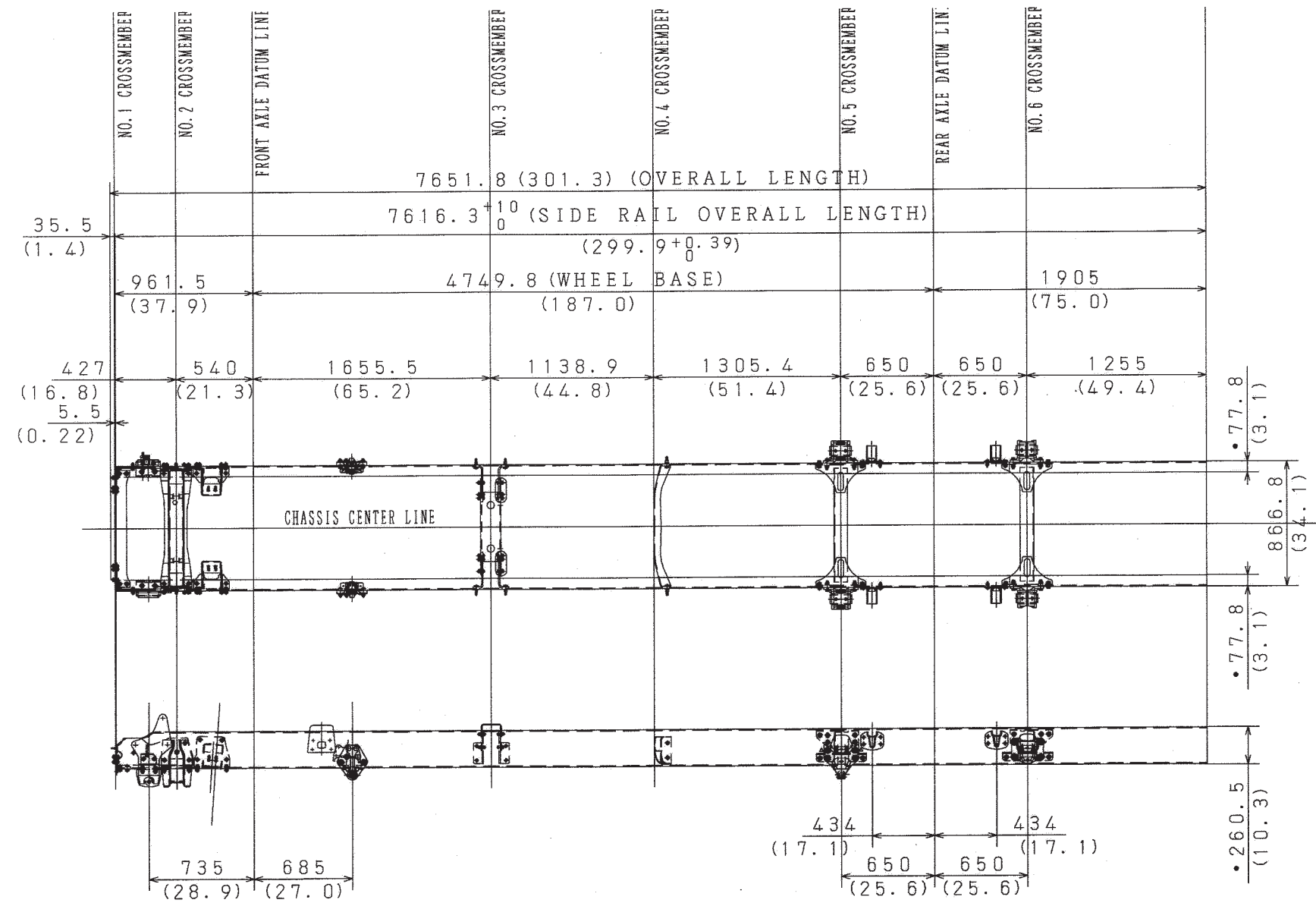


No.4 CROSSMEMBER

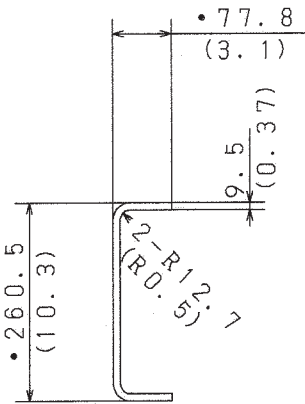
CHASSIS MODEL : NF8JLSA, NV8JLSA AND NH8JLSA

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)

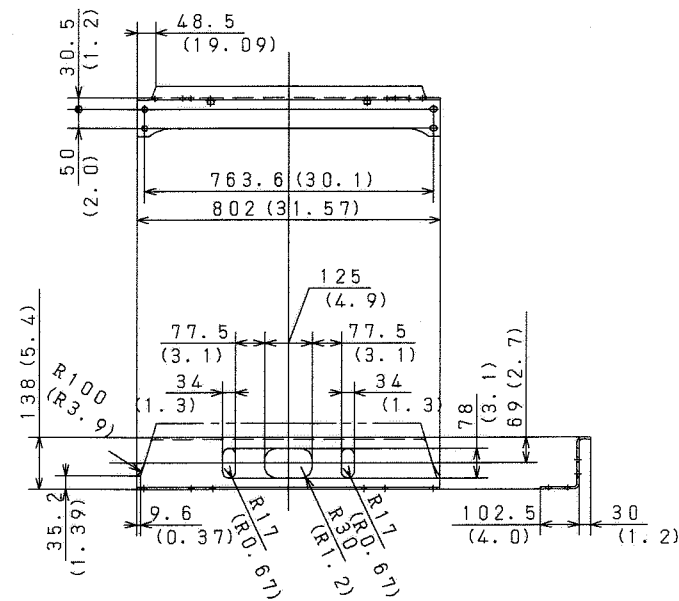


DETAIL OF FRAME END

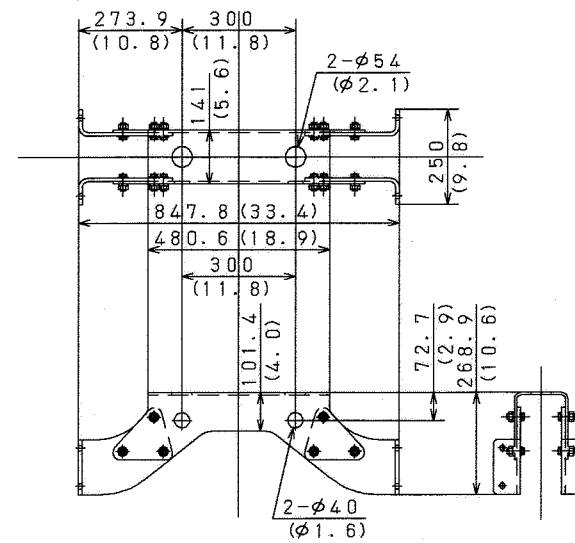


Unit : mm (in.)

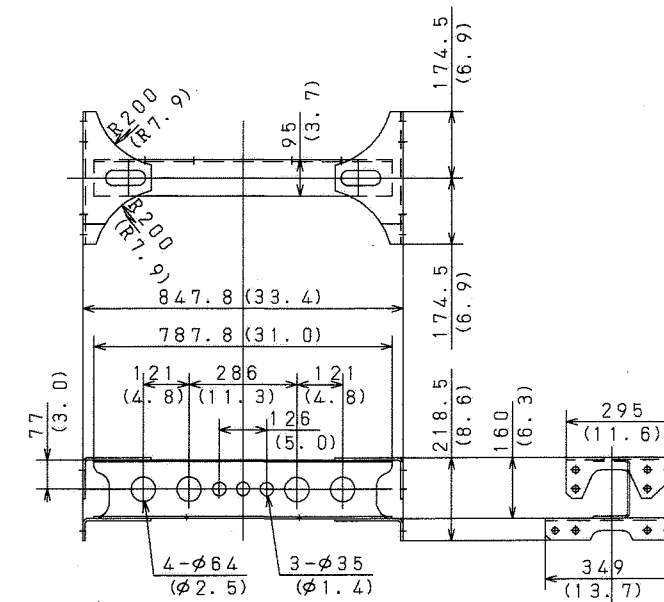
## 2) DETAIL OF CROSSMEMBER



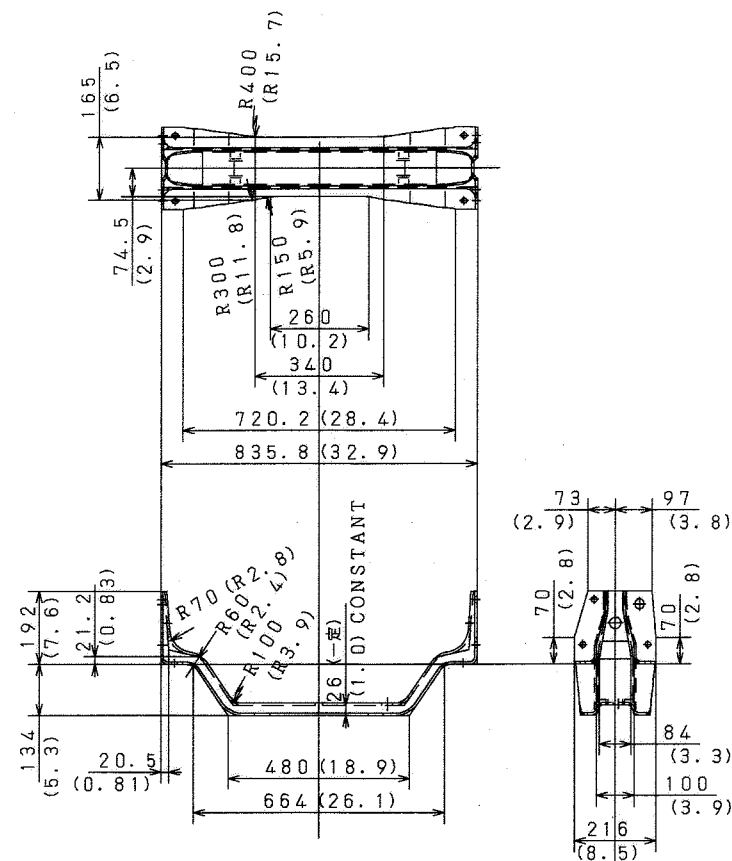
No. 1 CROSSMEMBER



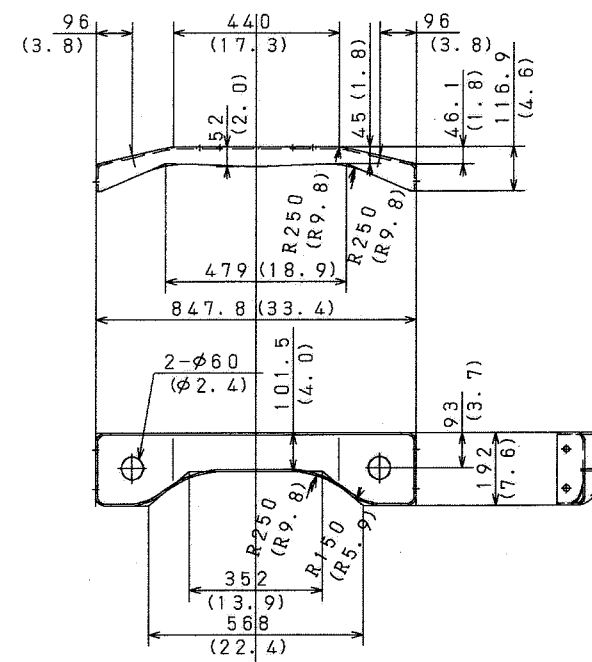
No. 3 CROSSMEMBER



No. 5, 6 CROSSMEMBER



No. 2 CROSSMEMBER



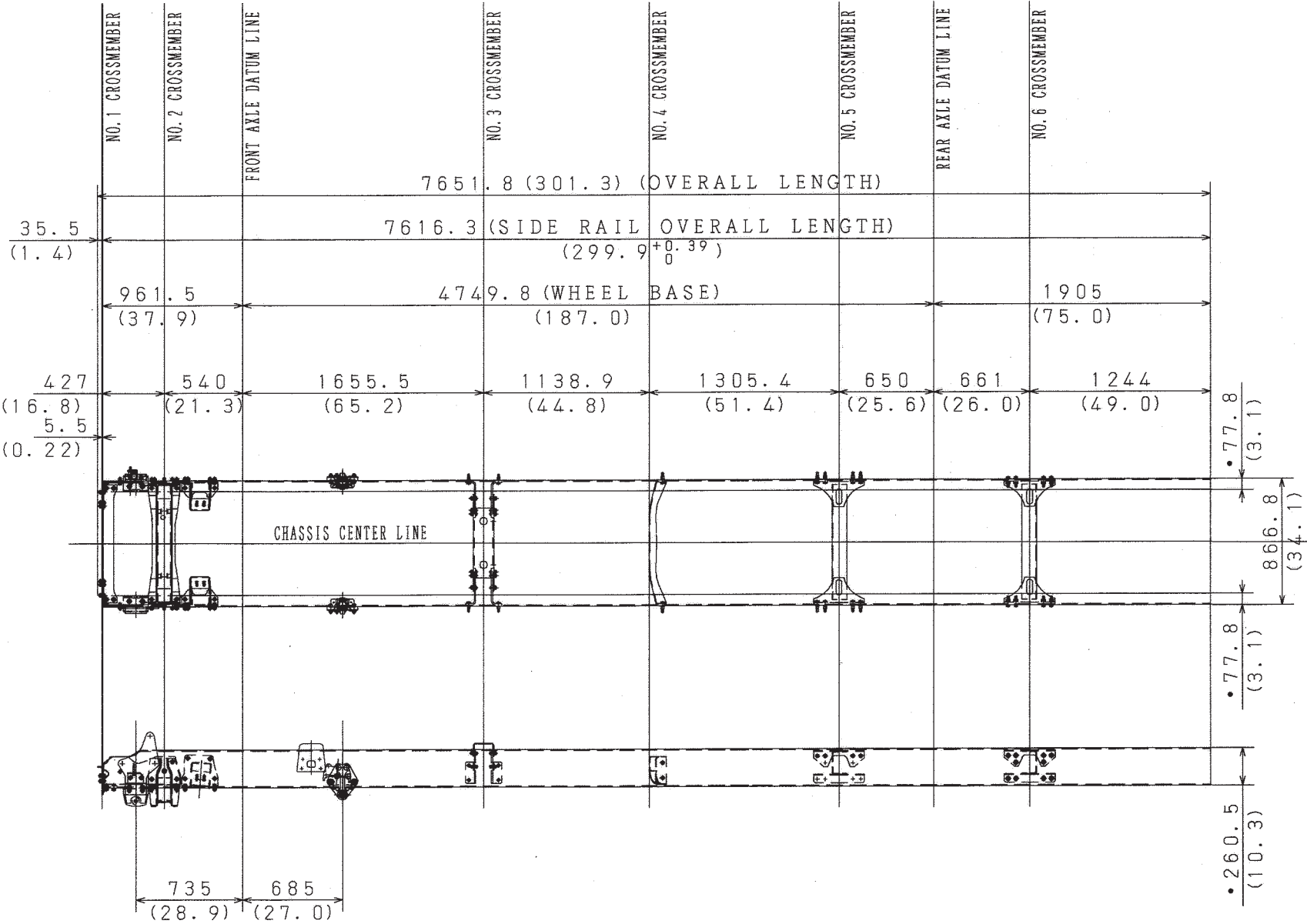
No. 4 CROSSMEMBER



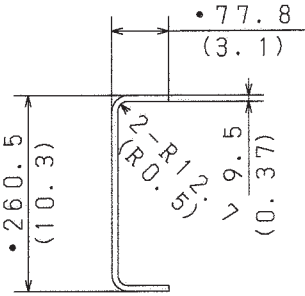
CHASSIS MODEL : NF8JLSG, NV8JLSG AND NH8JLSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

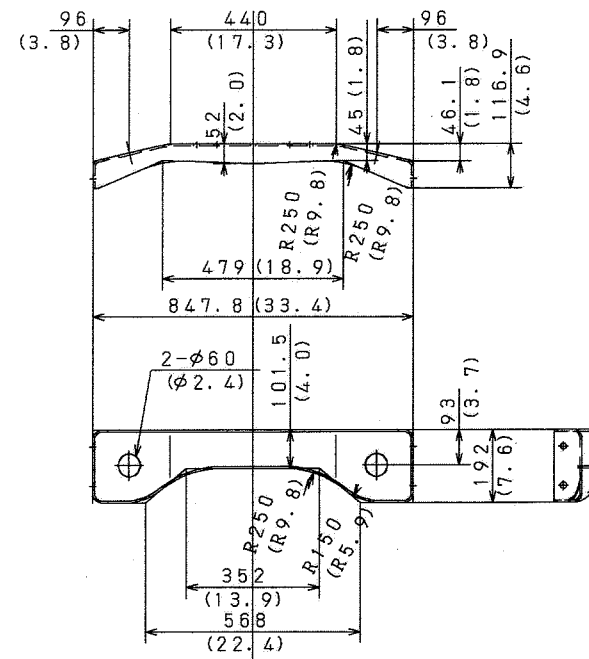
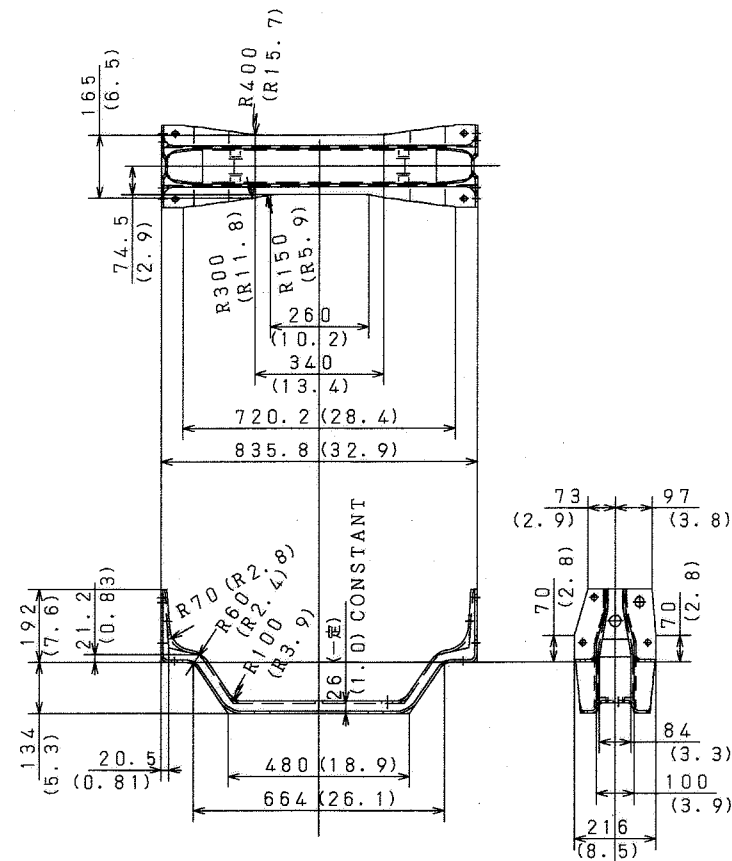
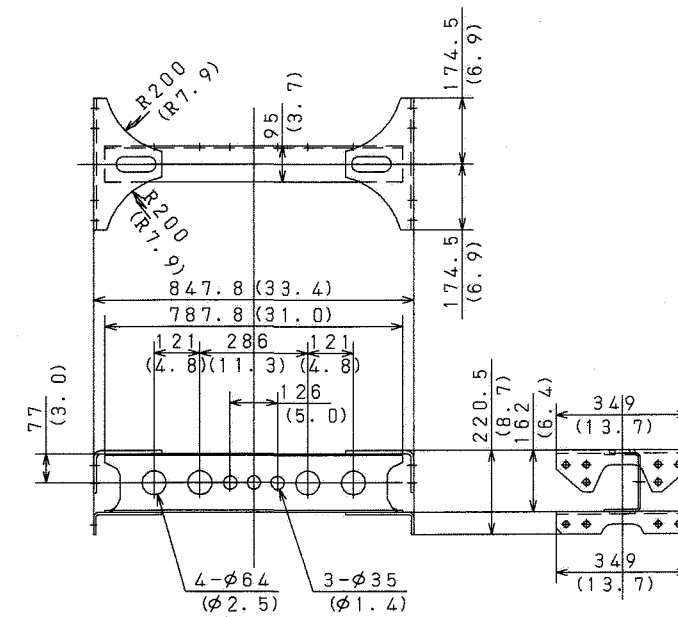
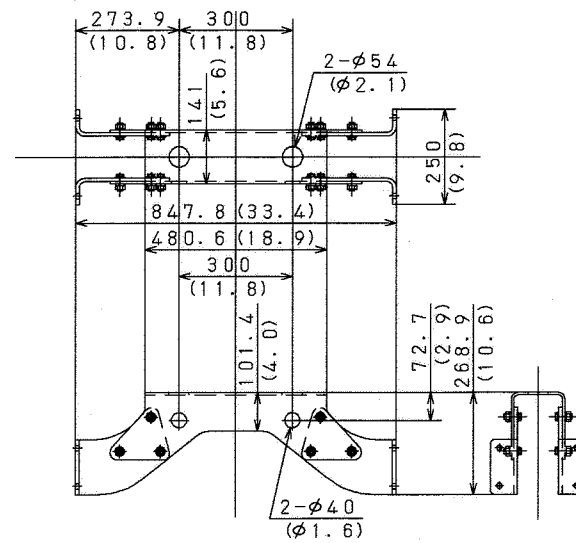
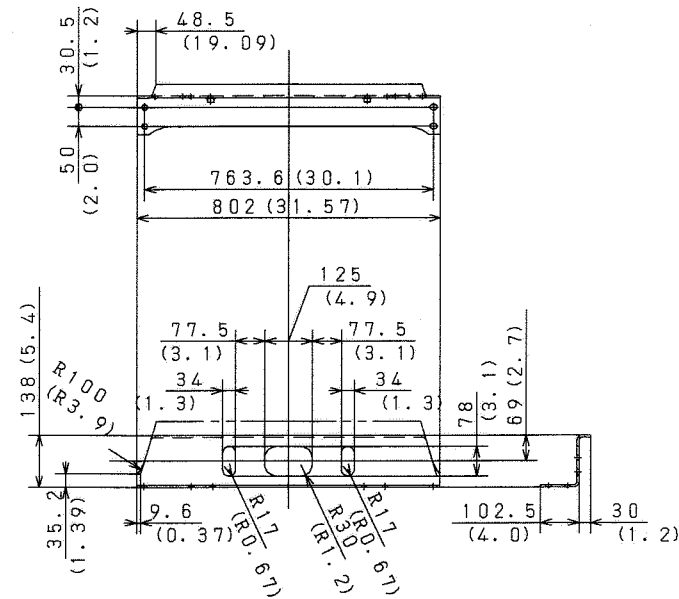


DETAIL OF FRAME END





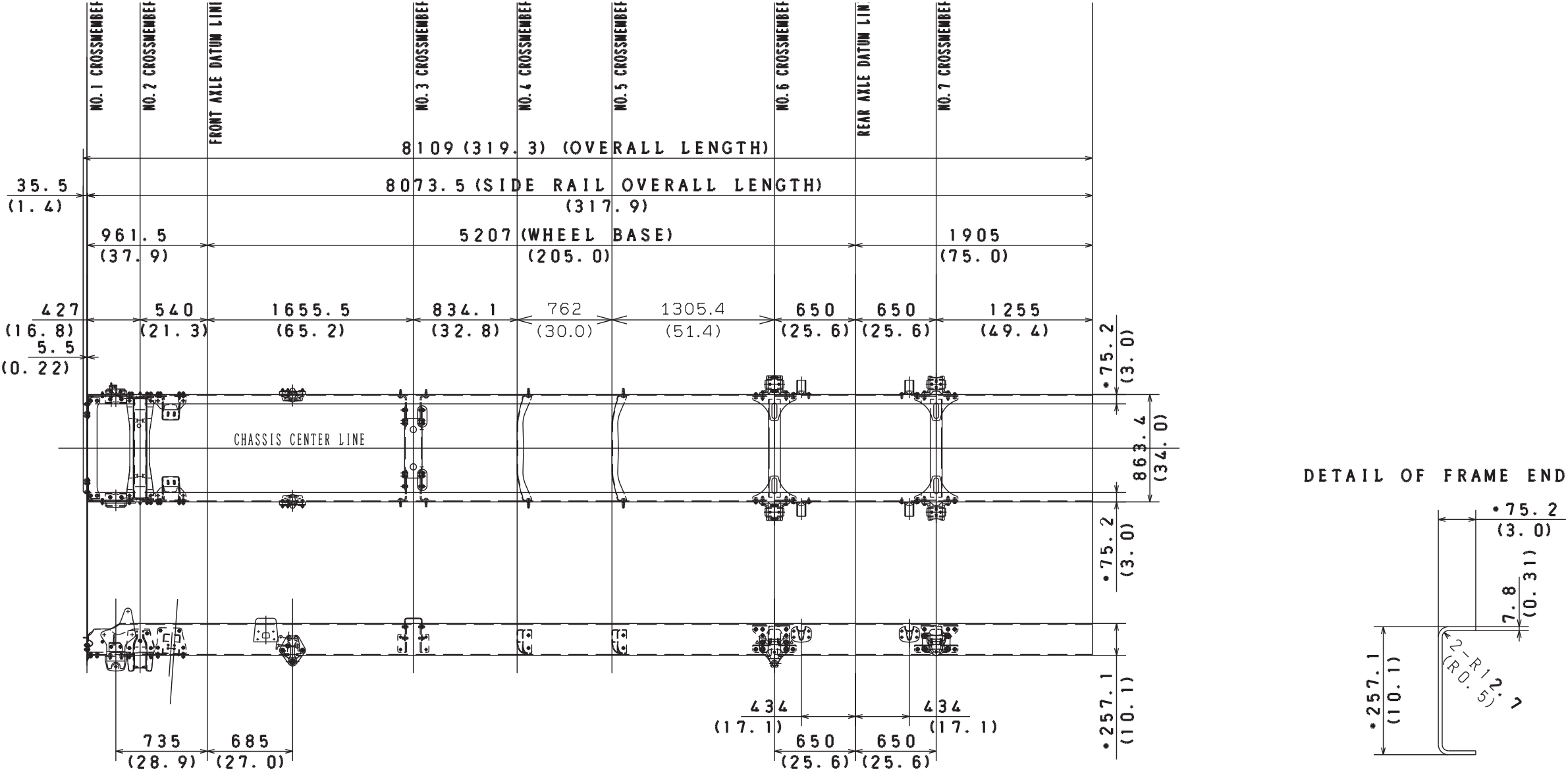
## 2) DETAIL OF CROSSMEMBER



CHASSIS MODEL : NE8JMSA AND NJ8JMSA

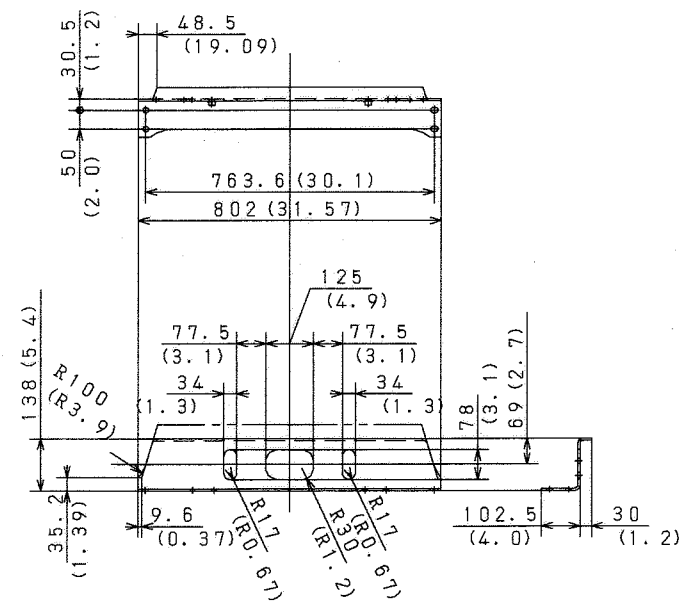
1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)

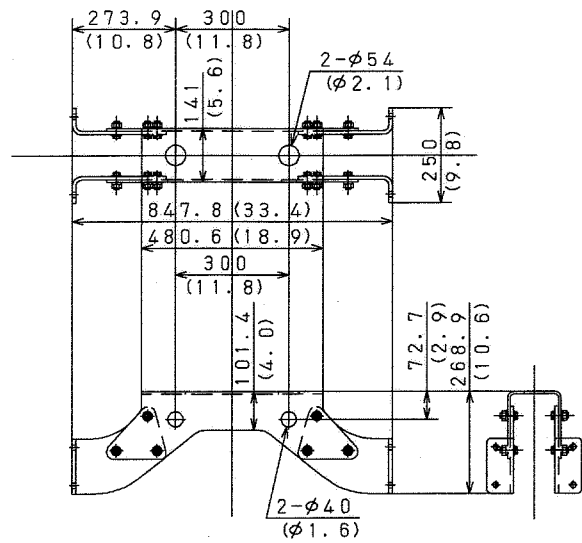


Unit : mm (in.)

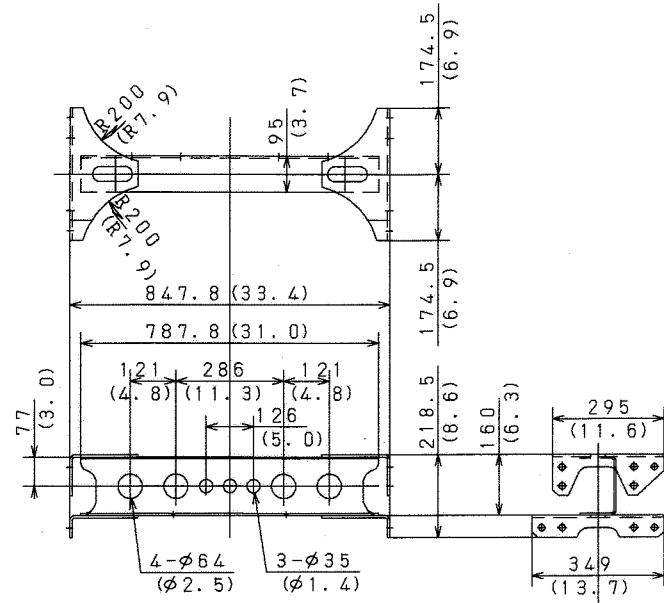
2) DETAIL OF CROSSMEMBER



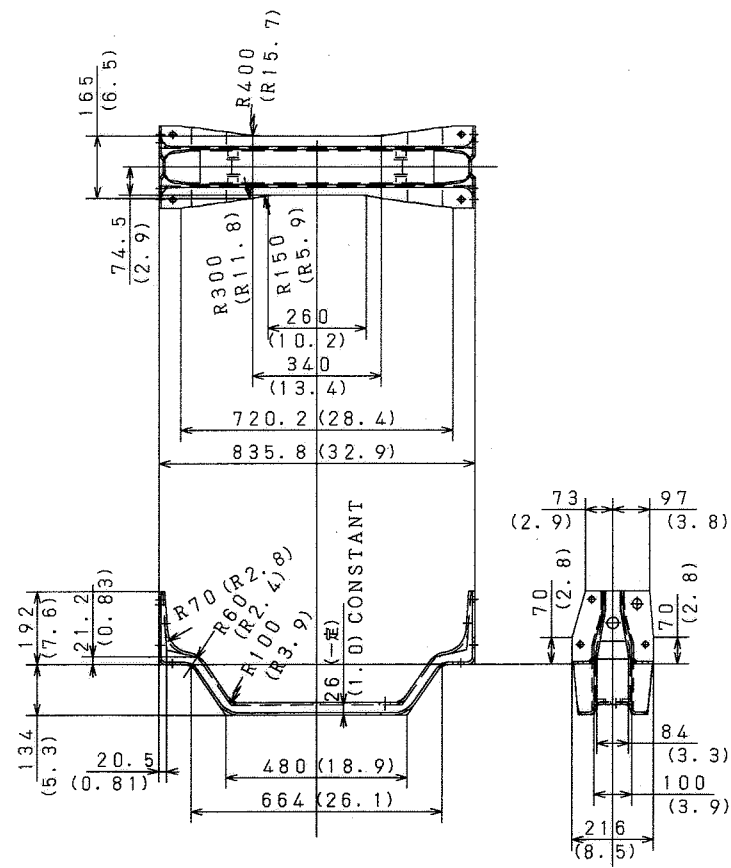
No.1 CROSSMEMBER



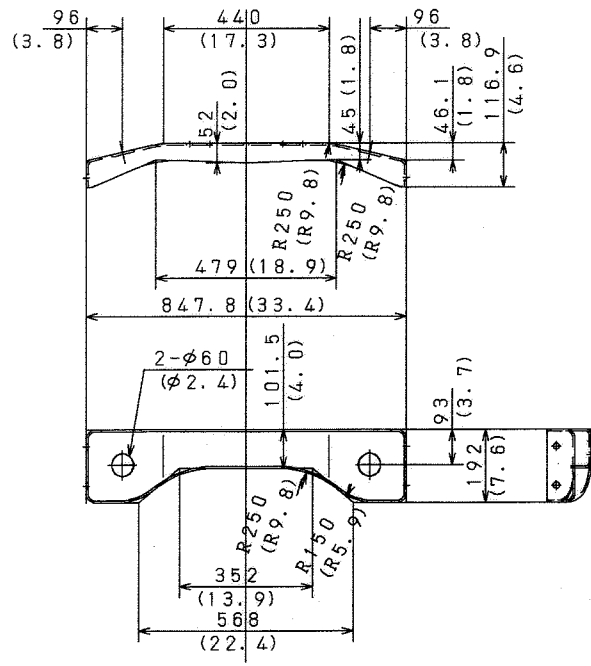
No.3 CROSSMEMBER



No. 6, 7 CROSSMEMBER



No.2 CROSSMEMBER

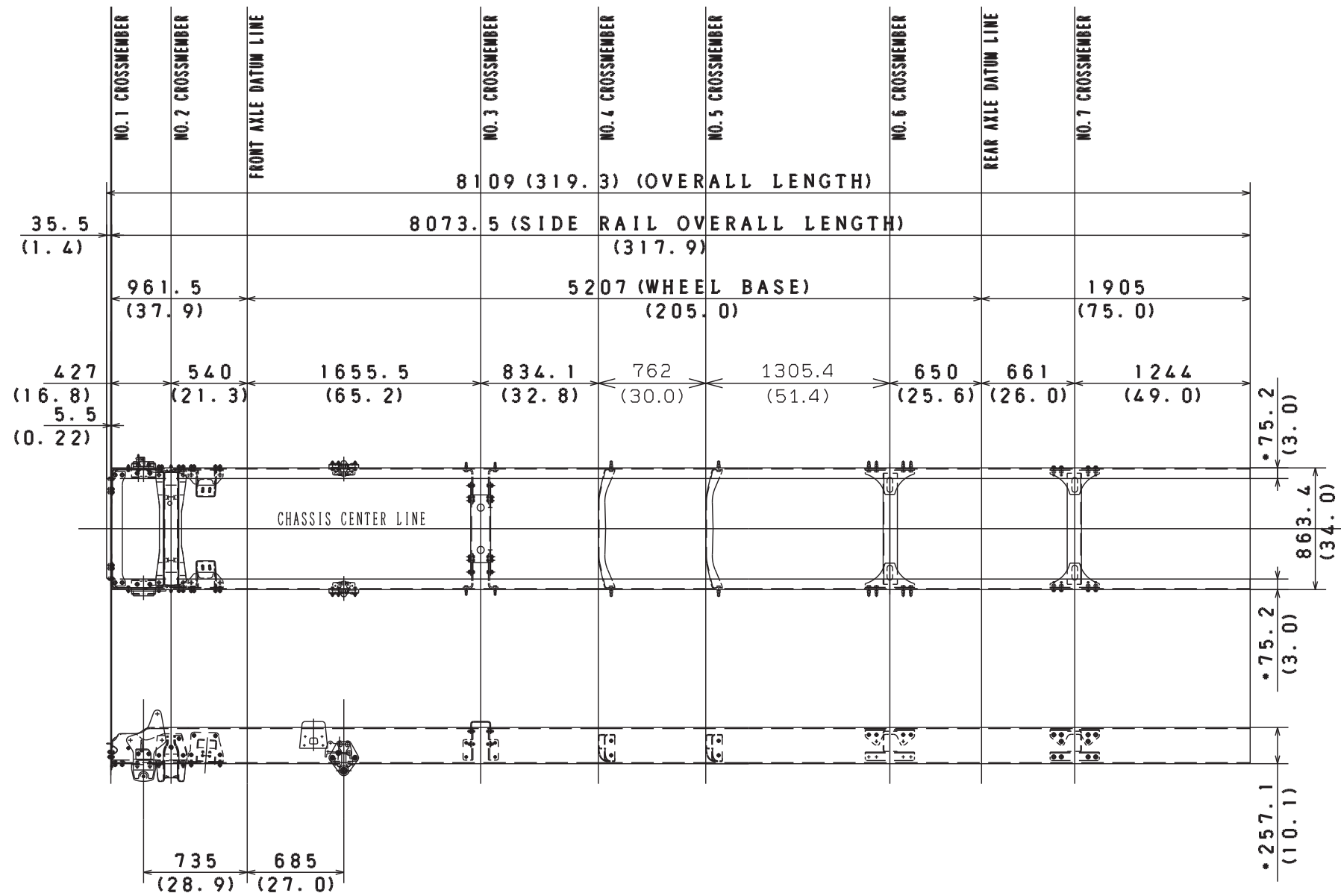


No.4.5 CROSSMEMBER

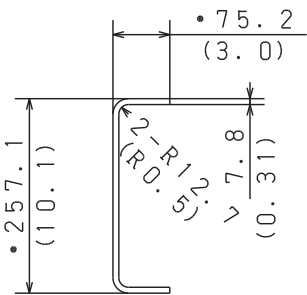
CHASSIS MODEL : NE8JMSG AND NJ8JMSG

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)

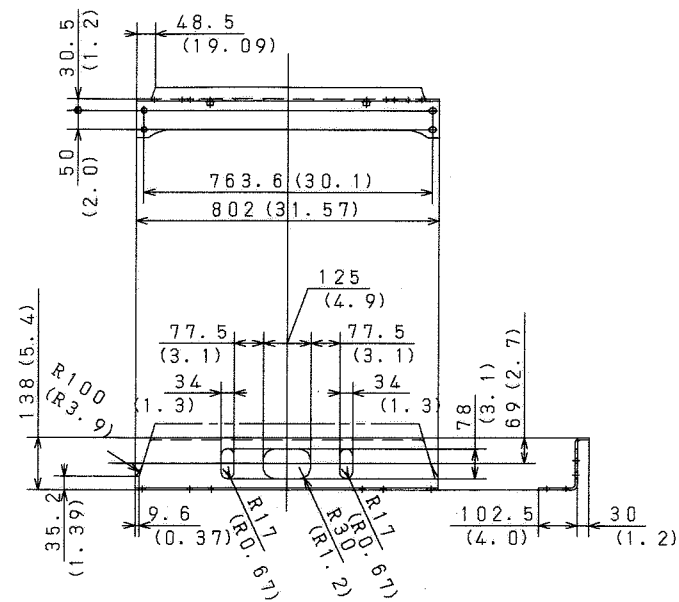


DETAIL OF FRAME END

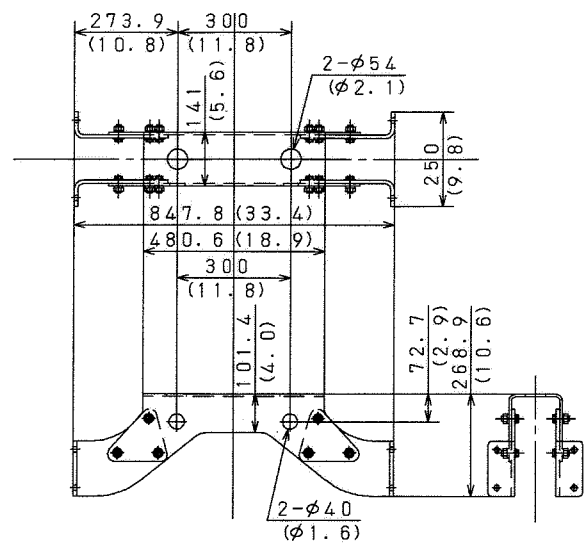


2) DETAIL OF CROSSMEMBER

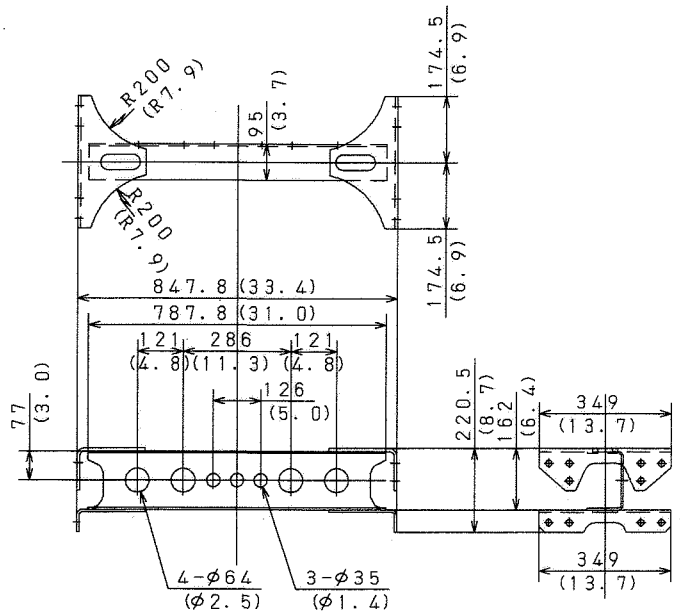
Unit : mm (in.)



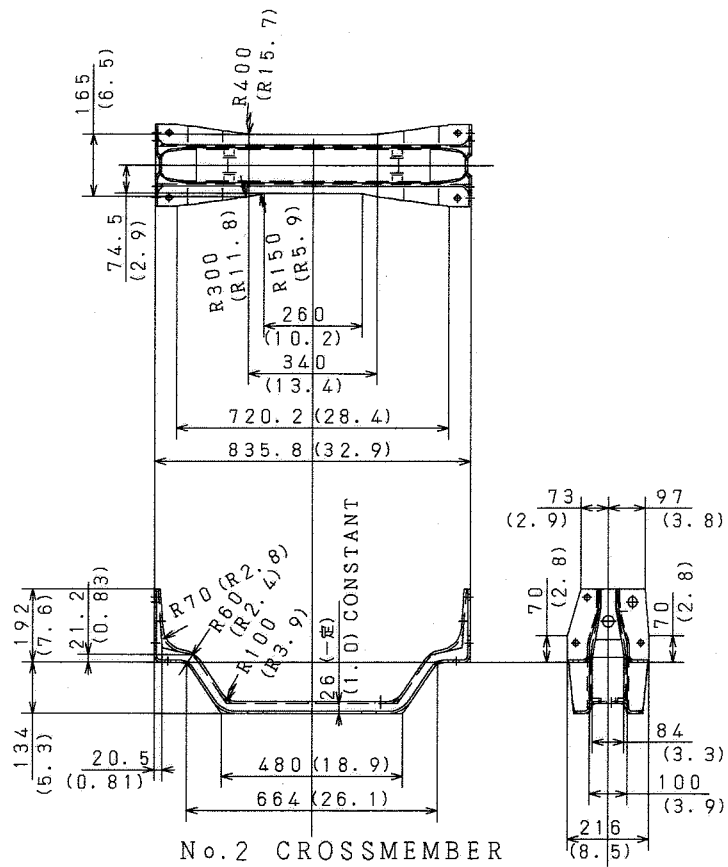
No.1 CROSSMEMBER



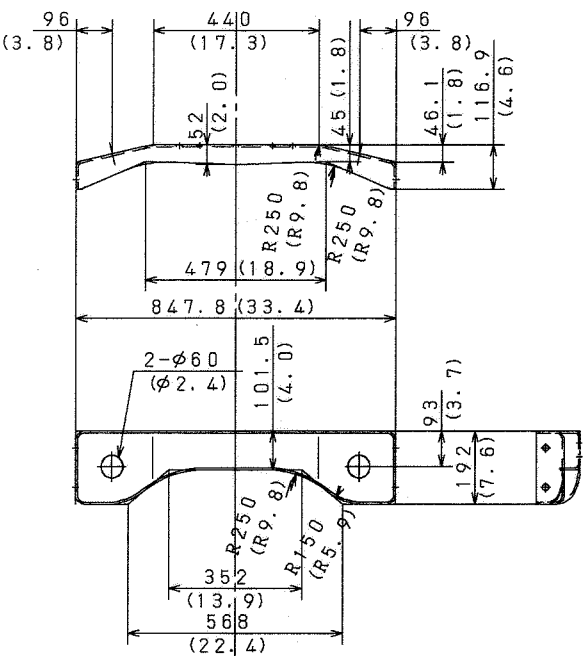
No.3 CROSSMEMBER



No.6·7 CROSSMEMBER



No.2 CROSSMEMBER

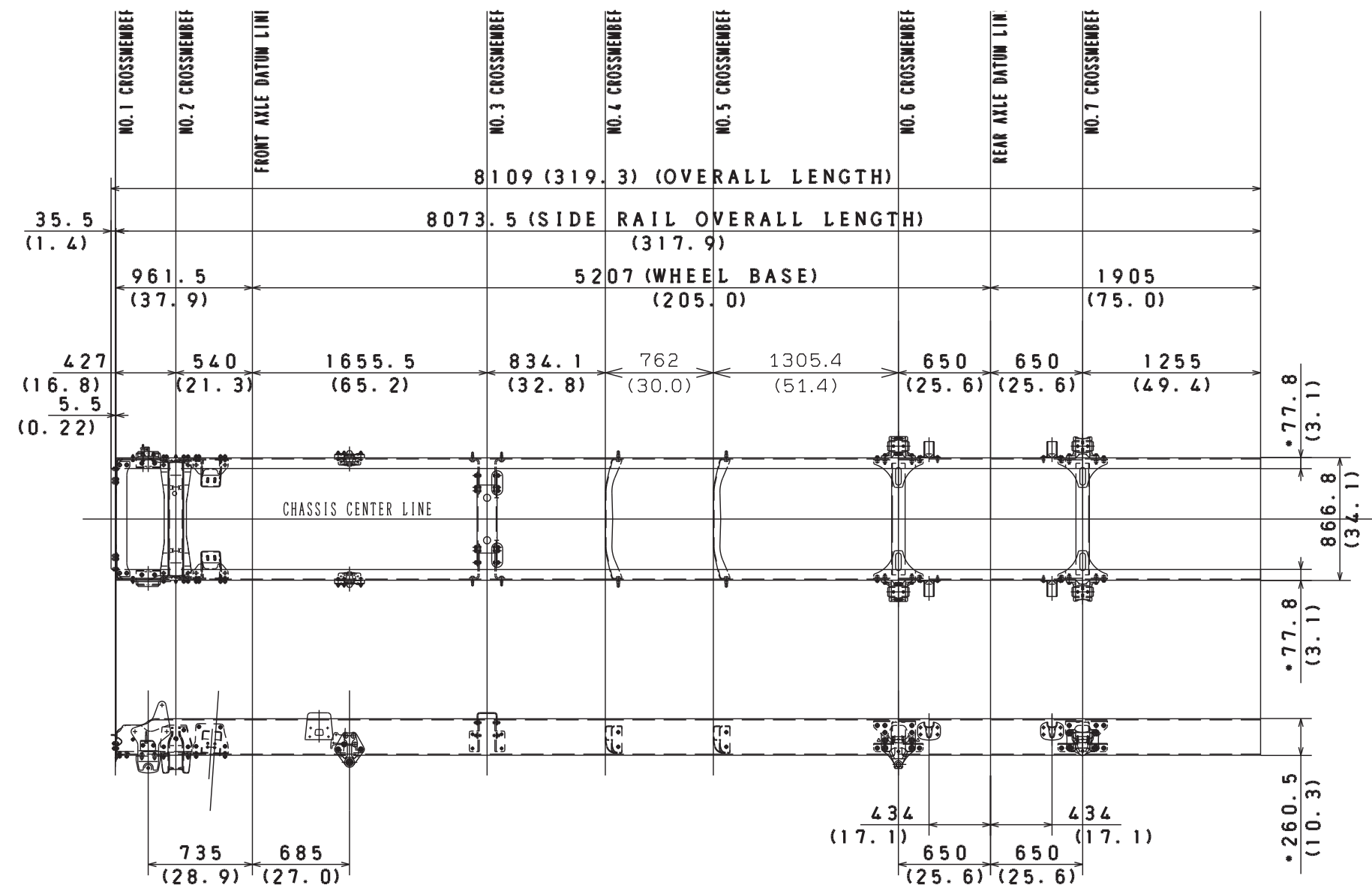


No.4·5 CROSSMEMBER

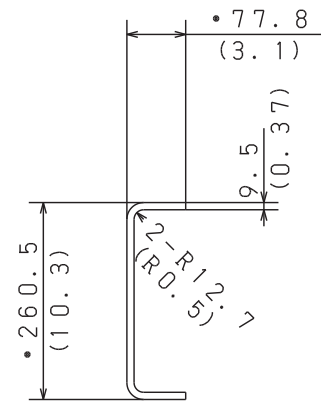
CHASSIS MODEL : NF8JMSA, NV8JMSA AND NH8JMSA

1) DETAIL OF CHASSIS FRAME

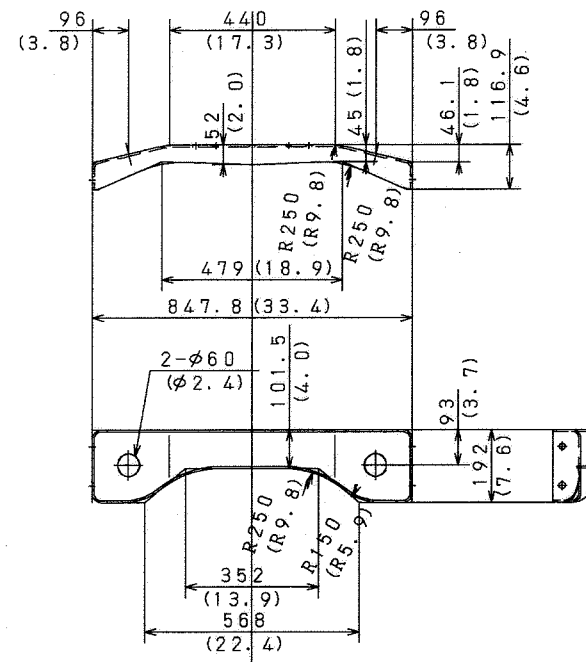
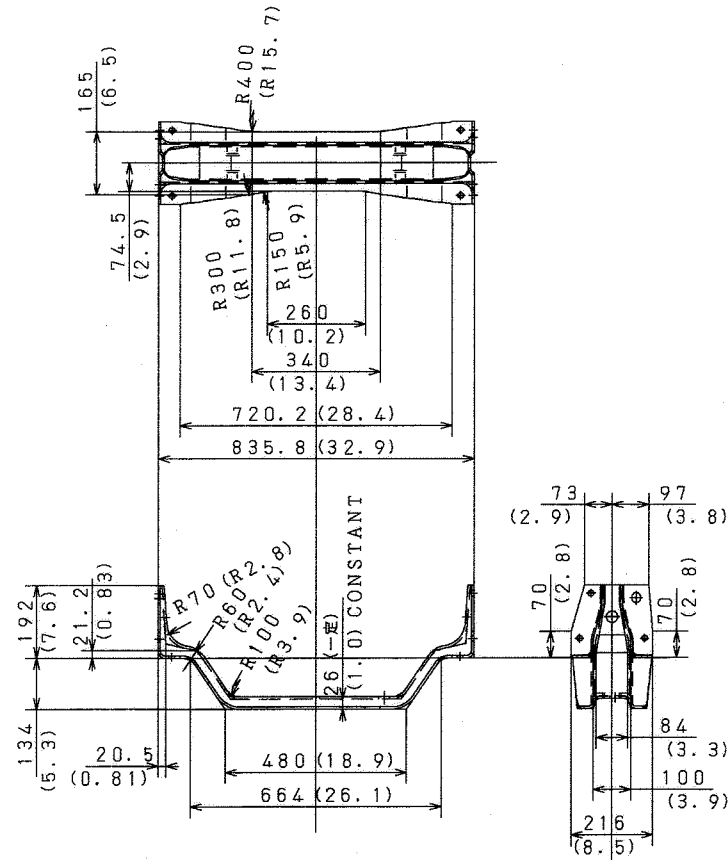
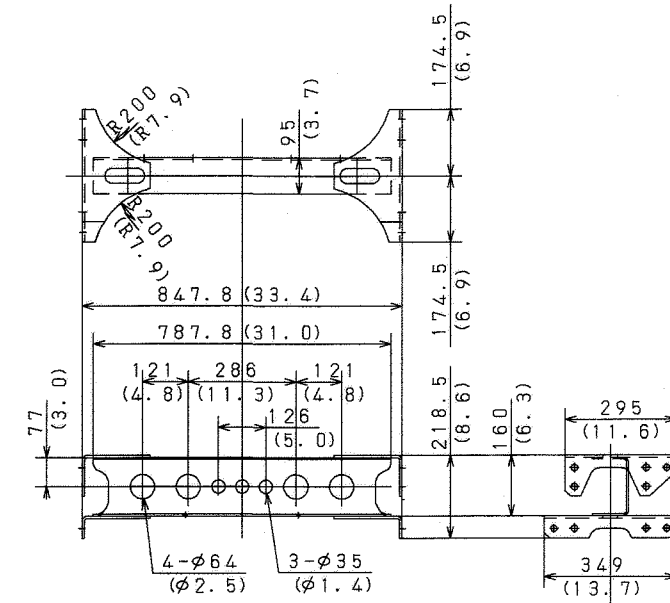
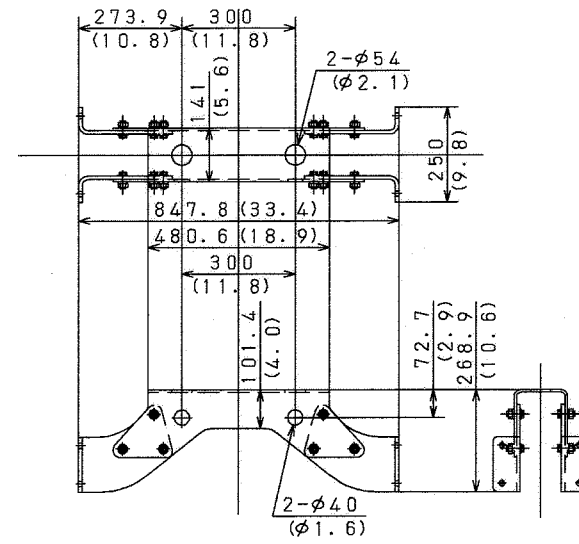
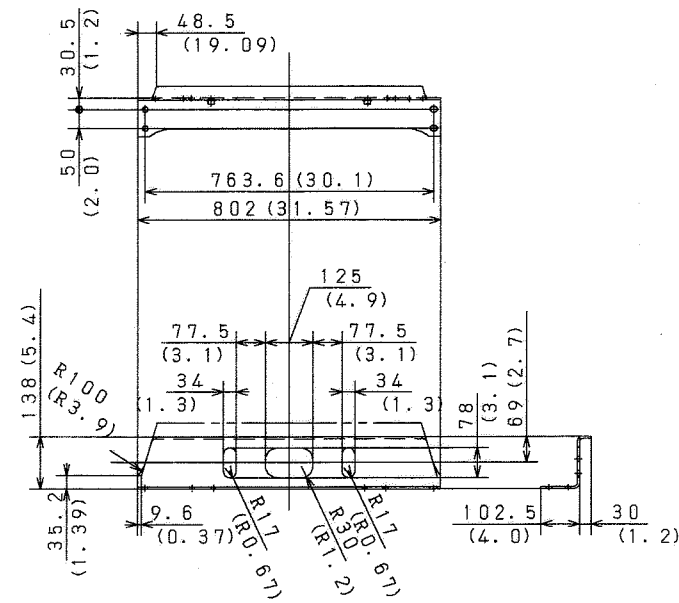
Unit : mm (in.)



DETAIL OF FRAME END



## 2) DETAIL OF CROSSMEMBER

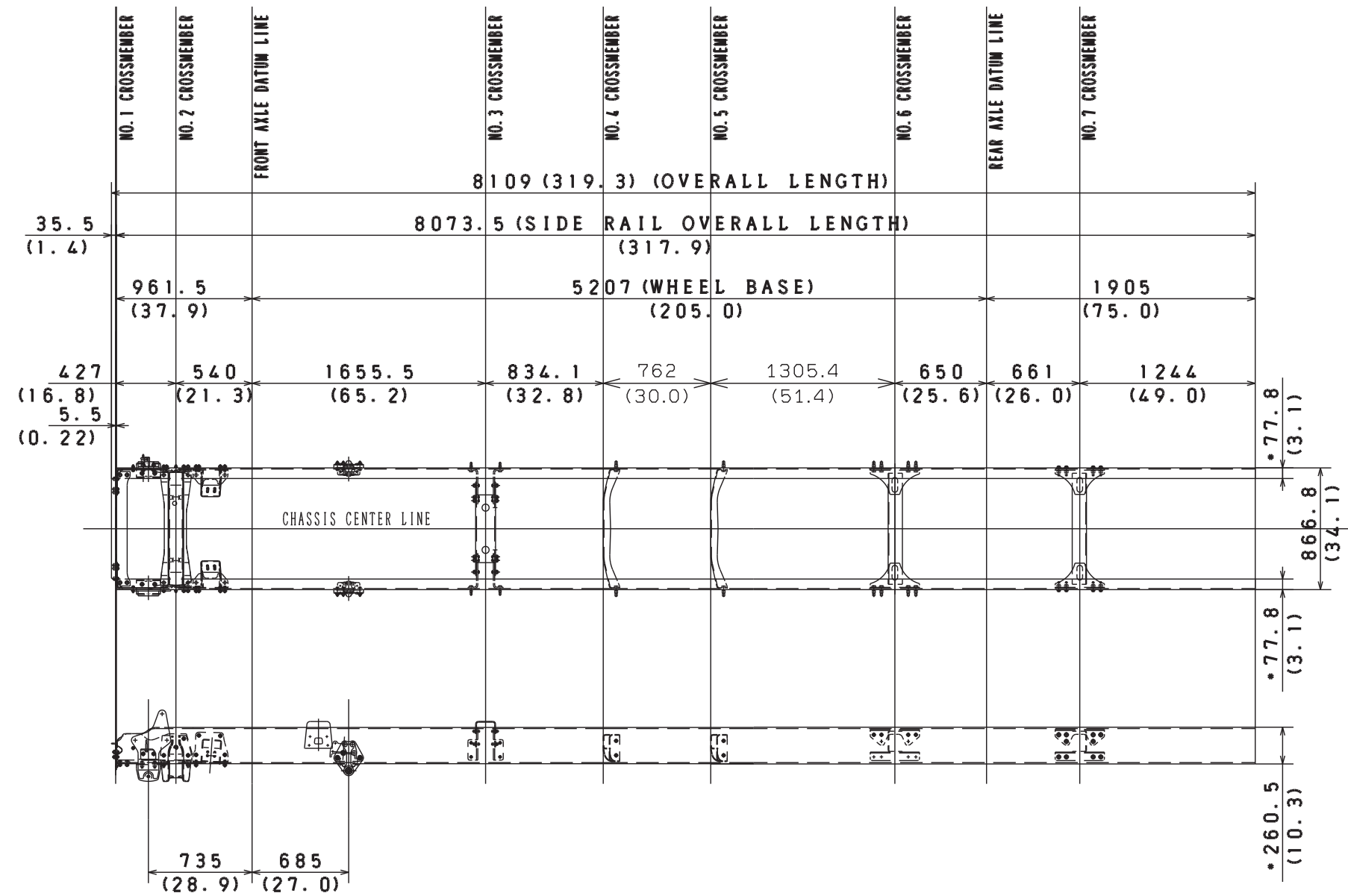




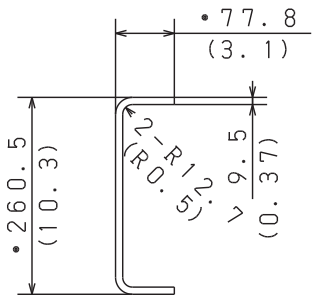
CHASSIS MODEL : NF8JMSG, NV8JMSG AND NH8JMSG

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



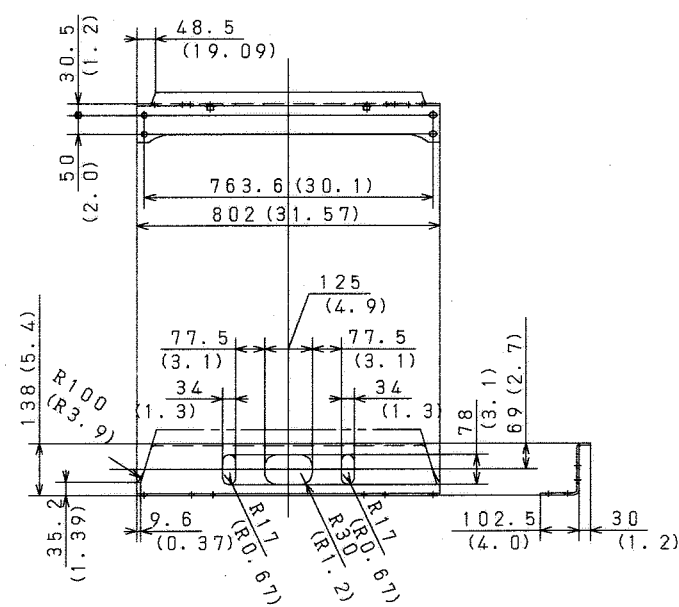
DETAIL OF FRAME END



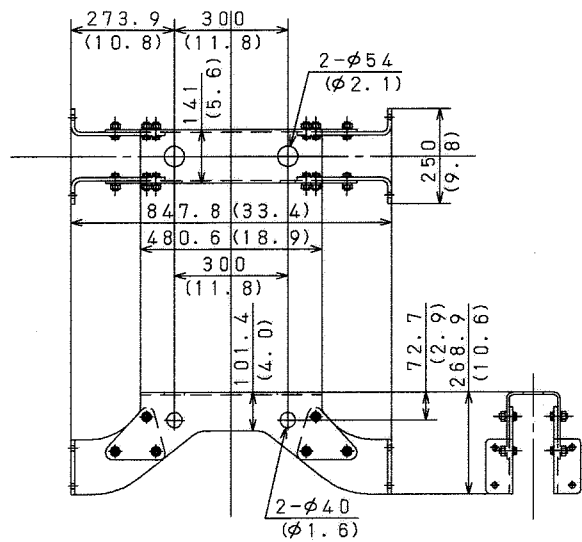


2) DETAIL OF CROSSMEMBER

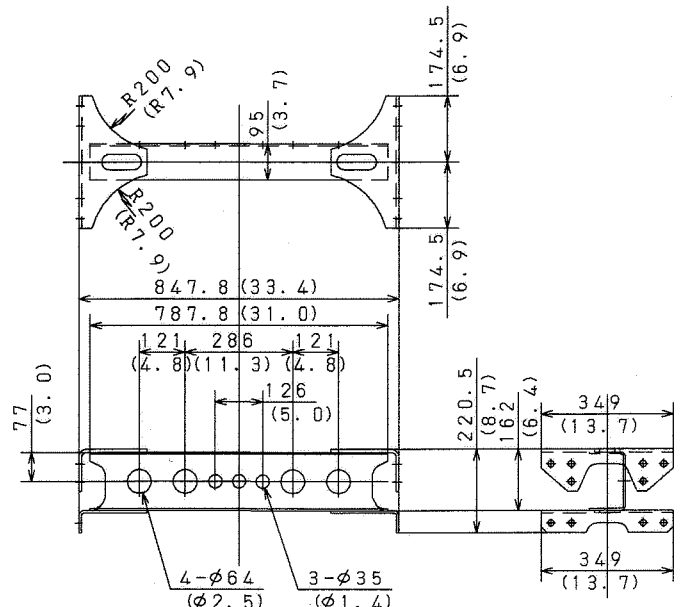
Unit : mm (in.)



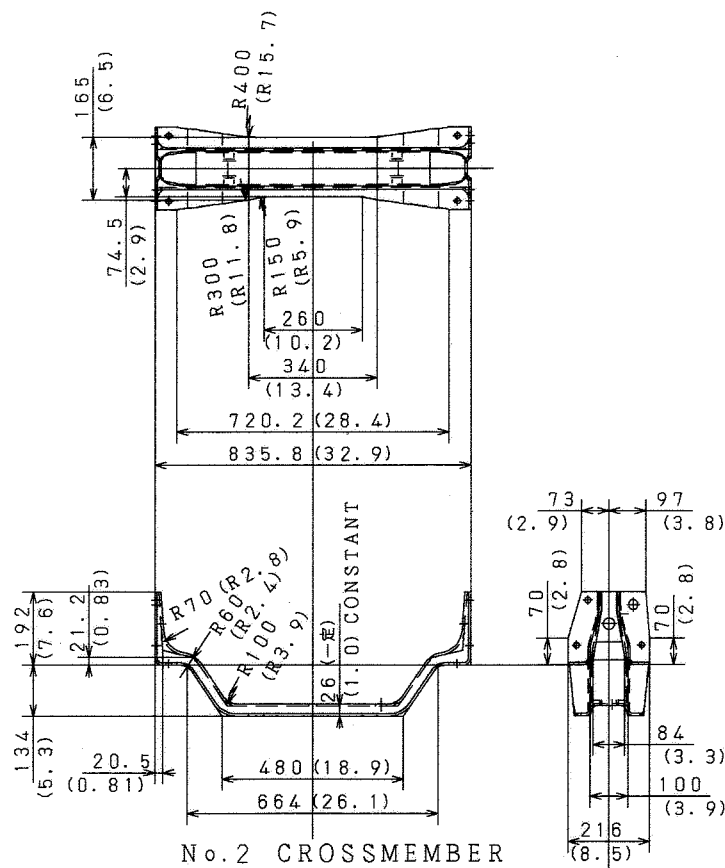
No.1 CROSSMEMBER



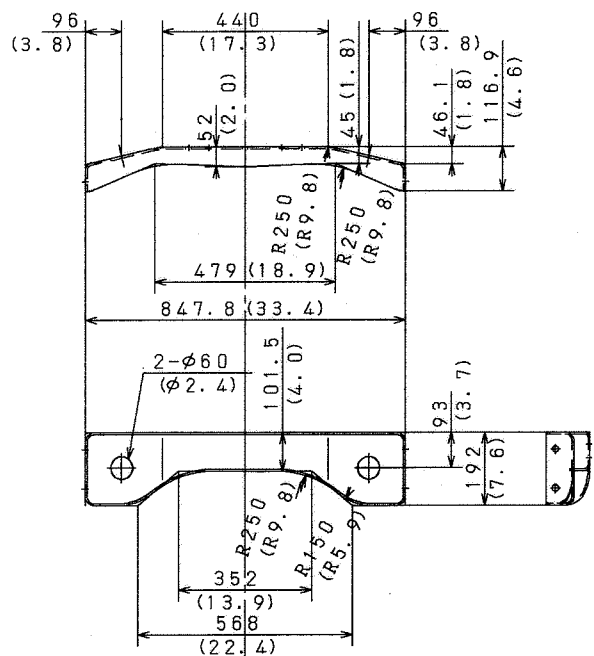
No.3 CROSSMEMBER



No.6・7 CROSSMEMBER



No.2 CROSSMEMBER

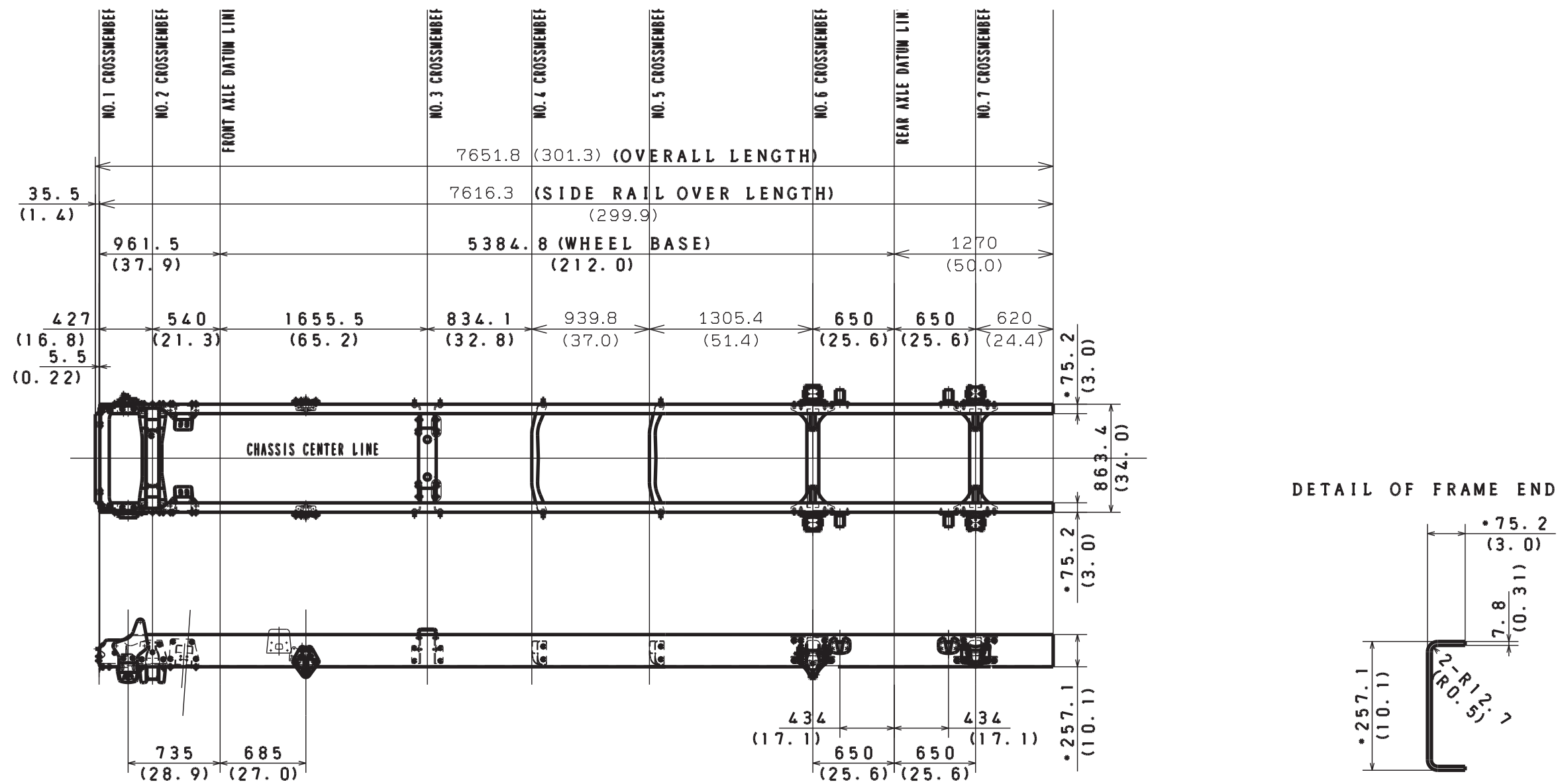


No.4・5 CROSSMEMBER

CHASSIS MODEL : NE8JNSA AND NJ8JNSA

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



## Unit : mm (in.)

[illegible][illegible][illegible]

Technical drawing of the No. 2 CROSSMEMBER, showing side and end views with dimensions in millimeters (mm) and inches (in).

**Side View Dimensions:**

- Overall width: 835.8 (32.9)
- Overall height: 165 (6.5)
- Top flange width: 74.5 (2.9)
- Top flange thickness: 1.2
- Top flange radius: R4.00 (R15.7)
- Web thickness: 1.2
- Web radius: R300 (R11.8)
- Web height: 150 (R5.9)
- Web width: 260 (10.2)
- Web height: 340 (13.4)
- Web width: 720.2 (28.4)
- Web height: 835.8 (32.9)
- Web width: 26 (1.0) CONSTANT
- Web height: 26 (1.0) CONSTANT
- Web width: 480 (18.9)
- Web height: 664 (26.1)
- Web width: 20.5 (0.81)
- Web height: 134 (5.3)
- Web width: 21.2 (0.83)
- Web height: 192 (7.6)
- Web width: 70 (R2.4)
- Web height: 70 (R2.4)
- Web width: 70 (R2.4)
- Web height: 70 (R2.4)

**End View Dimensions:**

- Overall width: 97 (3.8)
- Overall height: 73 (2.9)
- Top flange width: 70 (2.8)
- Top flange thickness: 1.2
- Top flange radius: R4.00 (R15.7)
- Web thickness: 1.2
- Web radius: R300 (R11.8)
- Web height: 150 (R5.9)
- Web width: 260 (10.2)
- Web height: 340 (13.4)
- Web width: 720.2 (28.4)
- Web height: 835.8 (32.9)
- Web width: 26 (1.0) CONSTANT
- Web height: 26 (1.0) CONSTANT
- Web width: 480 (18.9)
- Web height: 664 (26.1)
- Web width: 20.5 (0.81)
- Web height: 134 (5.3)
- Web width: 21.2 (0.83)
- Web height: 192 (7.6)
- Web width: 70 (R2.4)
- Web height: 70 (R2.4)
- Web width: 70 (R2.4)
- Web height: 70 (R2.4)

Technical drawing of a crossmember (No. 4.5) showing dimensions in inches and millimeters. The drawing includes a side view and a top view.

**Side View Dimensions:**

- Overall width: 96 (2440)
- Overall height: 44.0 (1118)
- Top flange thickness: 52 (1320)
- Web thickness: 45 (1143)
- Bottom flange thickness: 46.1 (1169)
- Radius: R250 (R635)
- Offset: 4.79 (121.7)
- Radius: R250 (R635)
- Offset: 4.5 (114.3)
- Radius: R250 (R635)
- Offset: 4.61 (116.9)
- Radius: R250 (R635)
- Offset: 1.169 (29.7)

**Top View Dimensions:**

- Overall width: 96 (2440)
- Overall height: 44.0 (1118)
- Top flange thickness: 52 (1320)
- Web thickness: 45 (1143)
- Bottom flange thickness: 46.1 (1169)
- Radius: R250 (R635)
- Offset: 4.79 (121.7)
- Radius: R250 (R635)
- Offset: 4.5 (114.3)
- Radius: R250 (R635)
- Offset: 4.61 (116.9)
- Radius: R250 (R635)
- Offset: 1.169 (29.7)

Technical drawing of No. 8 CROSSMEMBER. The drawing shows a cross-section of a rectangular member with various dimensions and reinforcement details. The overall width is 847.8 (33.4). The overall height is 127.5 (5.0). The drawing includes reinforcement details such as 2-R12, 2-φ25, 2-φ20, and 4-φ17. Dimensions are given in millimeters (mm) and inches (in).

Dimensions (mm / in):

- Overall width: 847.8 (33.4)
- Overall height: 127.5 (5.0)
- Top reinforcement spacing: 55 (2.2)
- Bottom reinforcement spacing: 55 (2.2)
- Reinforcement spacing (top): 600 (23.6)
- Reinforcement spacing (bottom): 600 (23.6)
- Reinforcement spacing (right): 74 (2.9)
- Reinforcement spacing (right): 40 (1.6)
- Reinforcement spacing (right): 103 (4.1)
- Reinforcement spacing (right): 170 (6.7)

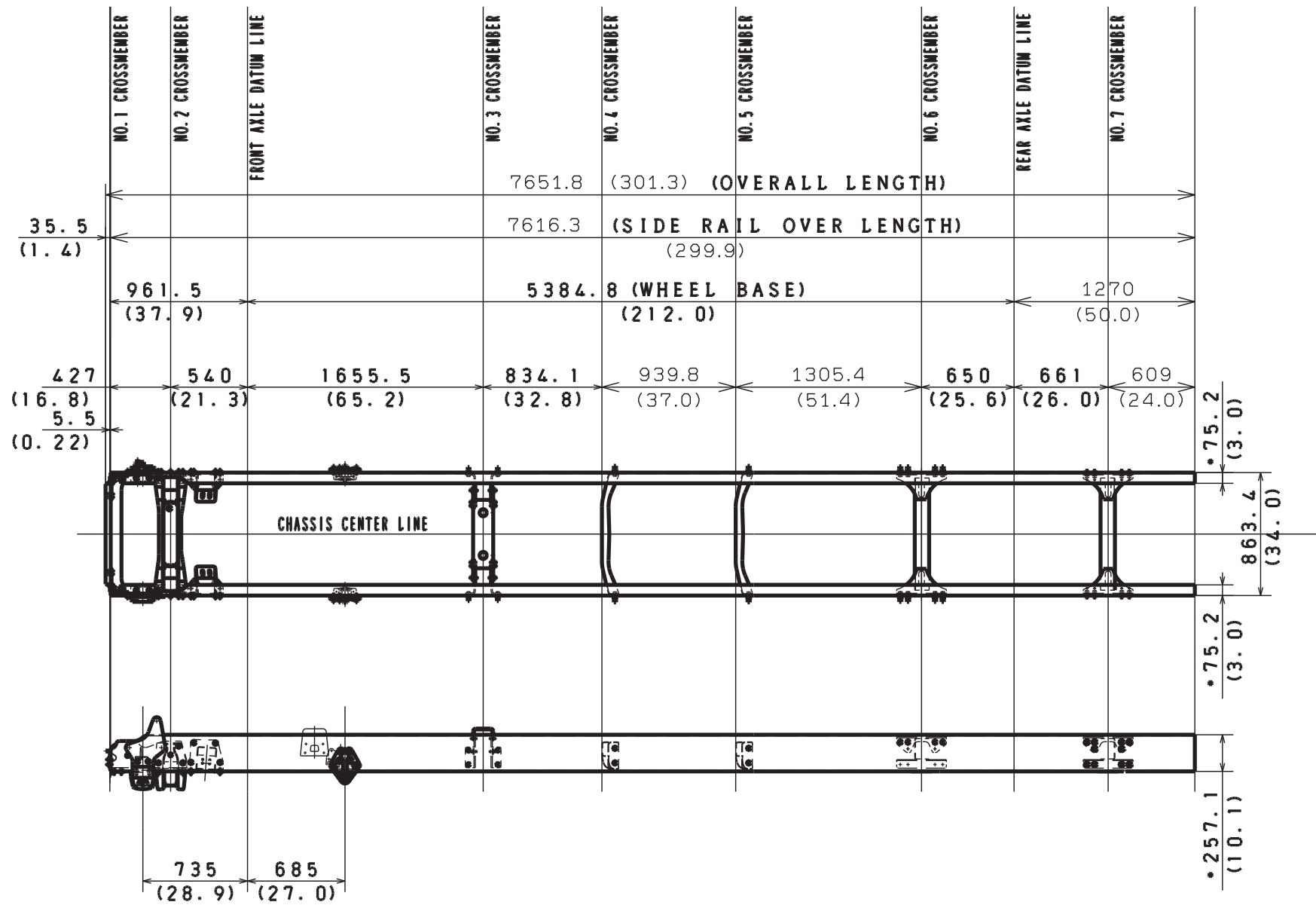
Reinforcement details:

- 2-R12 (Top reinforcement)
- 2-φ25 (Bottom reinforcement)
- 2-φ20 (Bottom reinforcement)
- 4-φ17 (Right reinforcement)

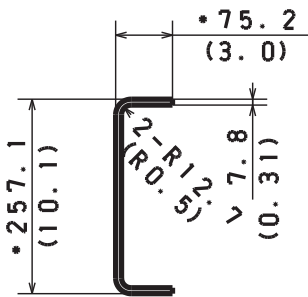
CHASSIS MODEL : NE8JNSG AND NJ8JNSG

1) DETAIL OF CHASSIS FRAME

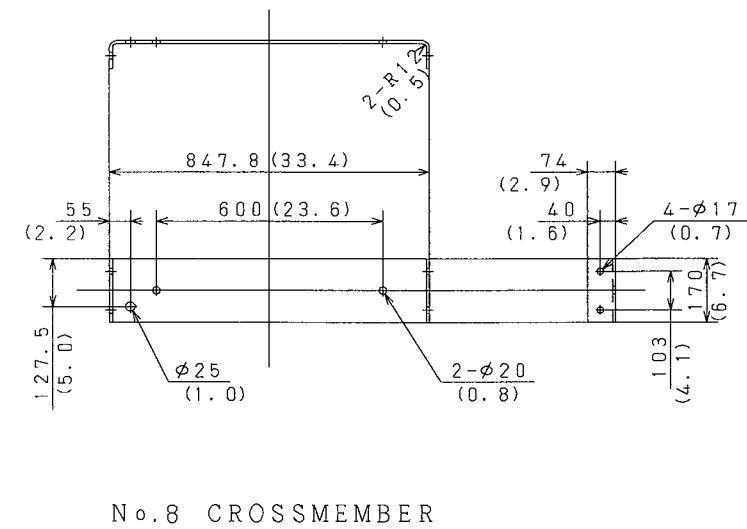
Unit : mm (in.)



DETAIL OF FRAME END



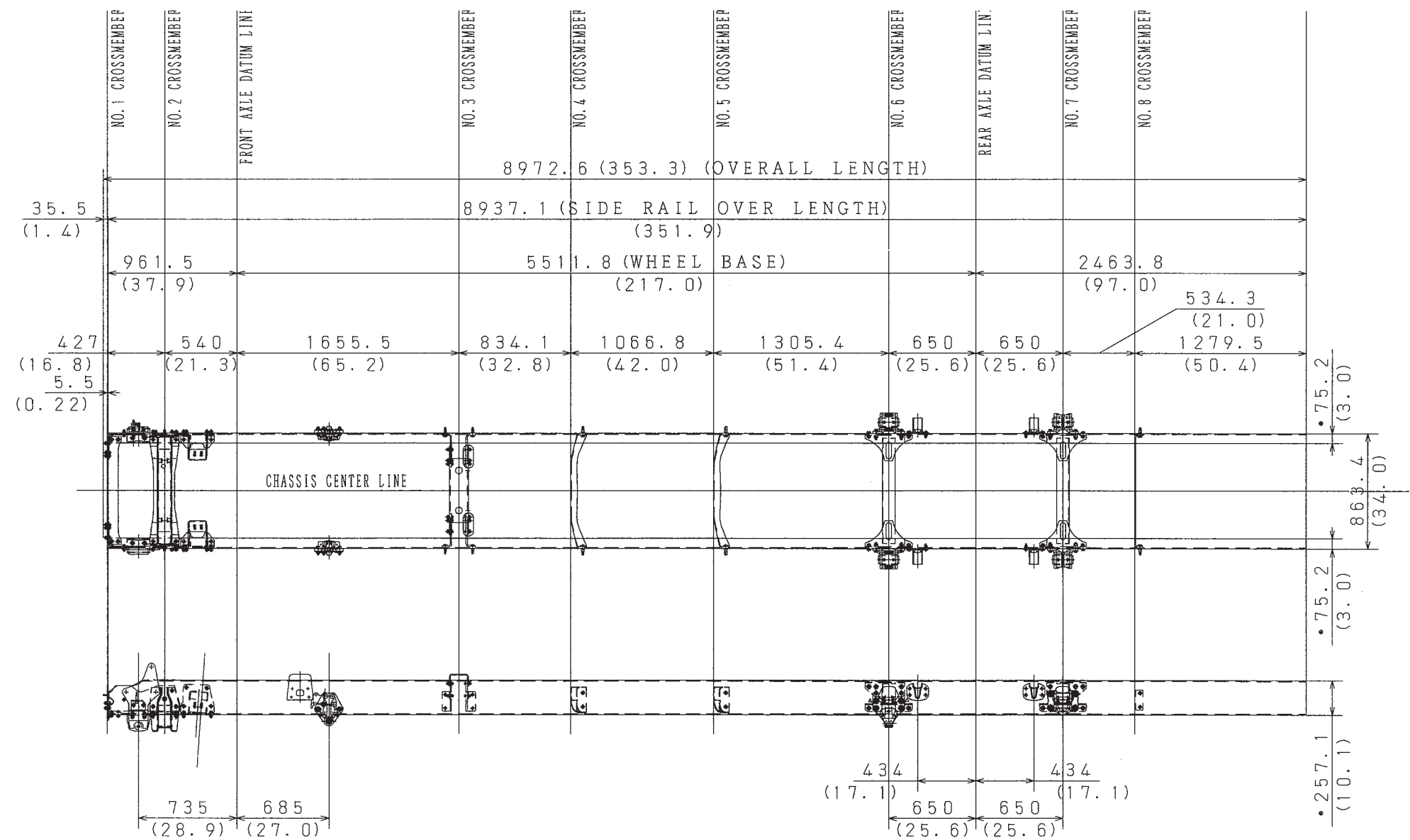
## Unit : mm (in.)



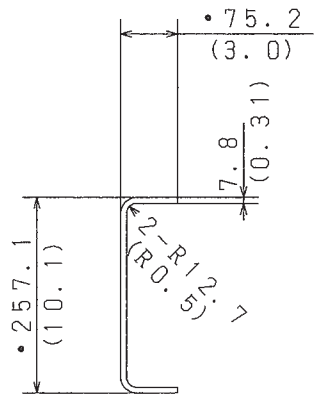
CHASSIS MODEL : NE8JPSA AND NJ8JPSA

1) DETAIL OF CHASSIS FRAME

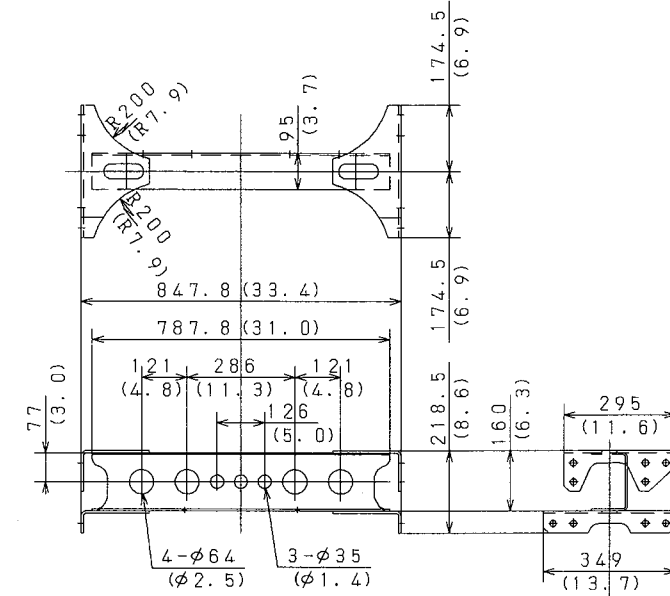
Unit : mm (in.)



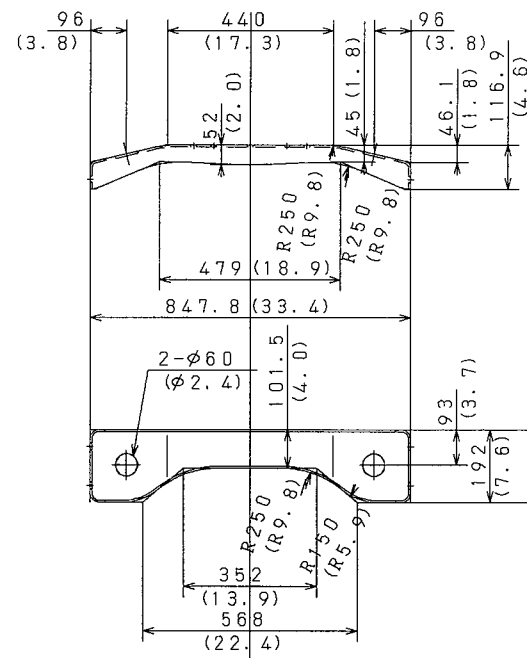
DETAIL OF FRAME END



## Unit : mm (in.)



No. 6, 7 CROSSMEMBER



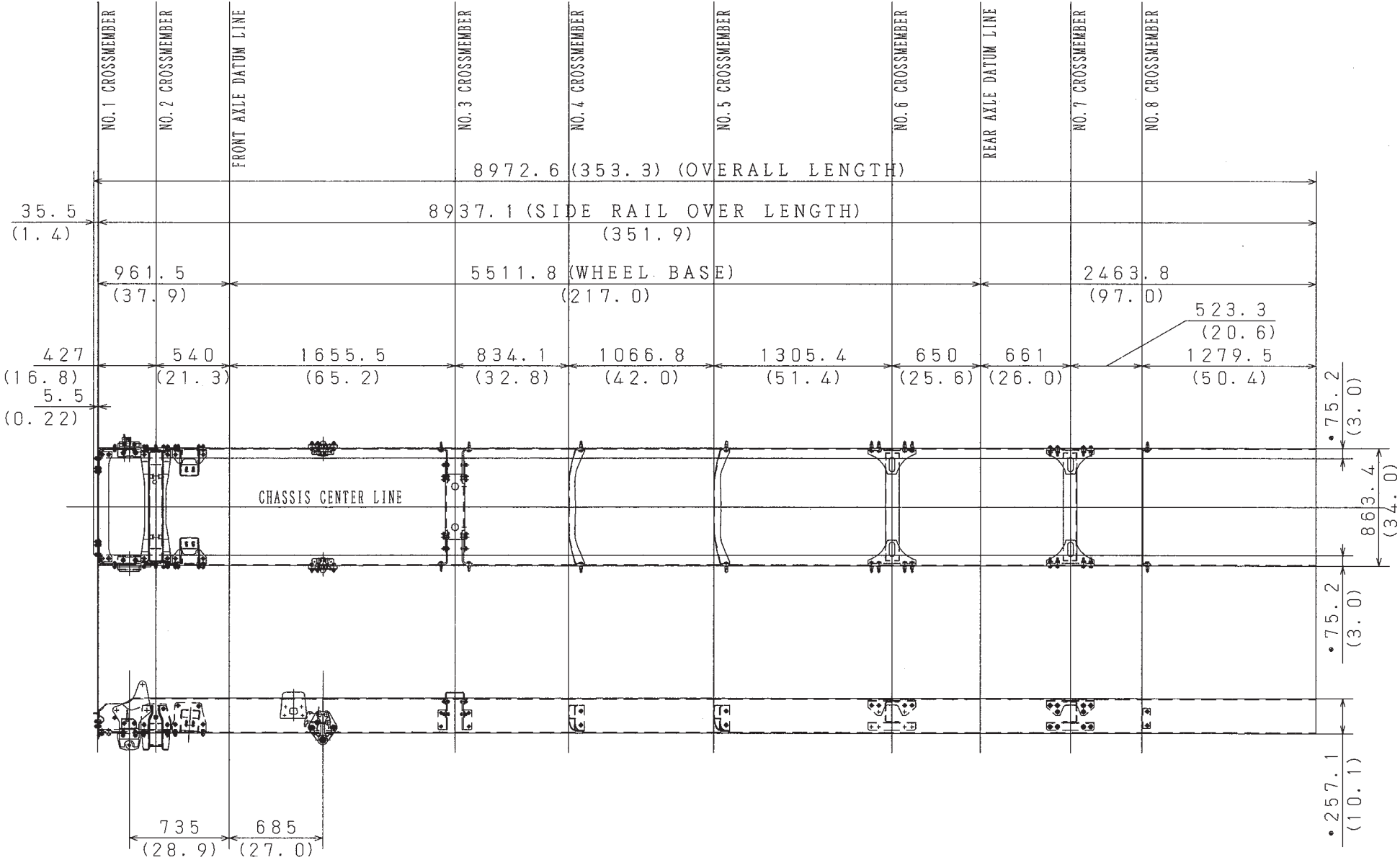
Technical drawing of a rectangular reinforced concrete slab. The drawing shows a plan view of the slab with dimensions in millimeters and meters. The slab is 8478 mm (8.478 m) wide and 1275 mm (1.275 m) deep. The main reinforcement consists of 2 top bars (2-R12) and 2 bottom bars (2-ø20). The slab is supported by a wall on the left and a column on the right. The column has a diameter of 25 mm (ø25). The slab is 600 mm (0.6 m) thick. The drawing also shows the reinforcement details for the column, including 4 bars (4-ø17) and 2 bars (2-ø20). The column is 103 mm (0.103 m) in diameter. The drawing includes a section line A-A and a section line B-B.

No. 8 CROSSMEMBER

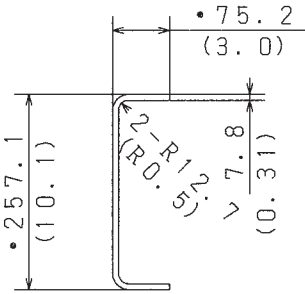
CHASSIS MODEL : NE8JPSG AND NJ8JPSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

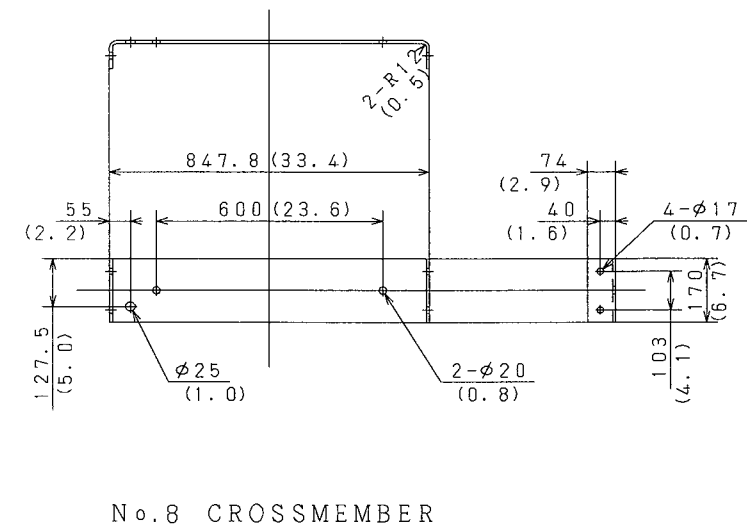


DETAIL OF FRAME END





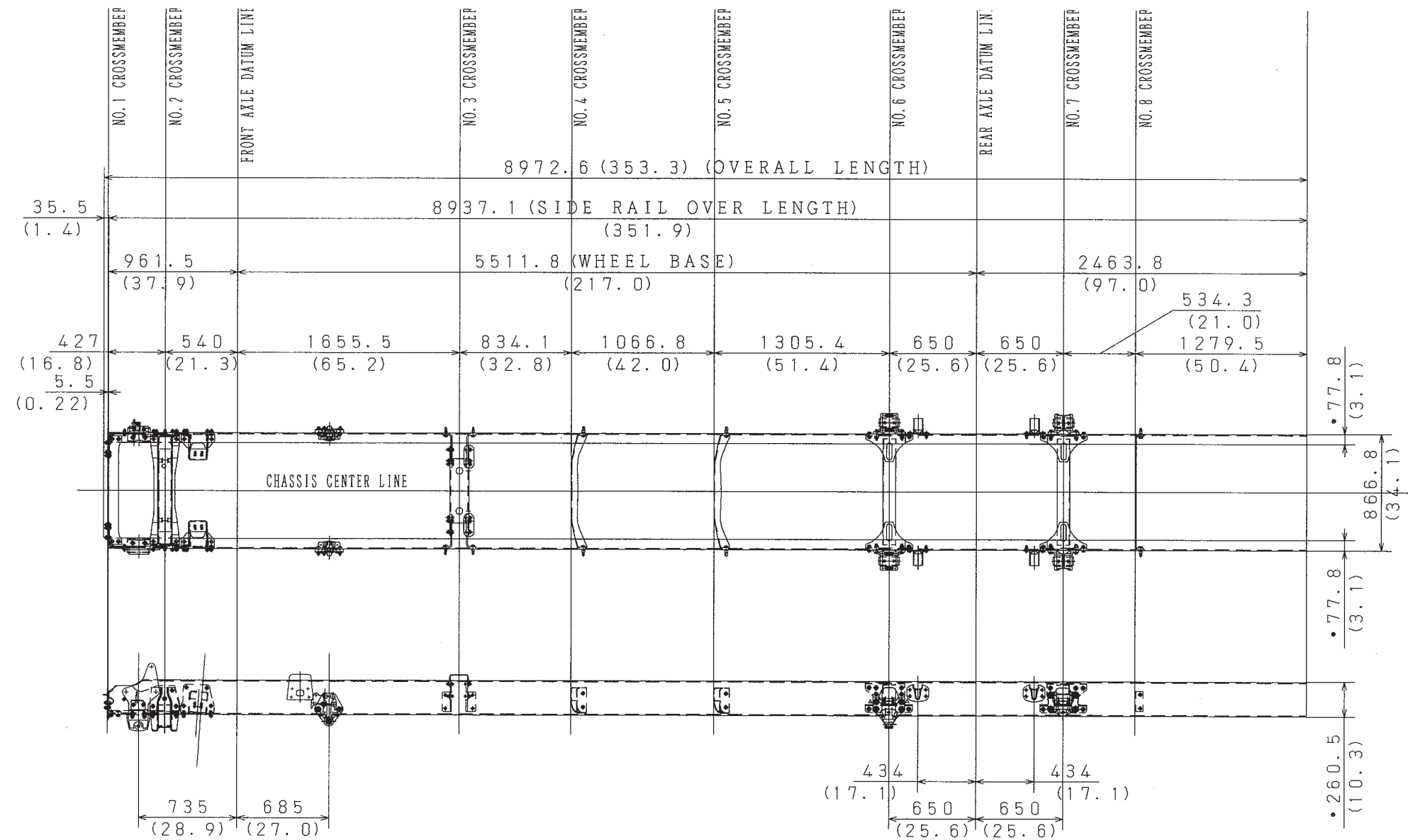
## Unit : mm (in.)



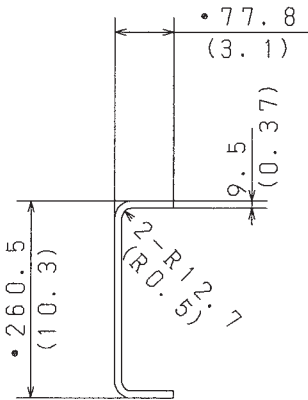
CHASSIS MODEL : NF8JPSA, NV8JPSA AND NH8JPSA

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



DETAIL OF FRAME END



## Unit : mm (in.)

Technical drawing of No. 1 Crossmember showing dimensions in millimeters (mm) and inches (in). The drawing includes a side view and a top view.

**Side View Dimensions:**

- Overall height: 30.5 (1.2)
- Top flange thickness: 48.5 (1.9 09)
- Web thickness: 50 (2.0)
- Overall width: 763.6 (30.1)
- Flange width: 802 (31.57)
- Top flange radius: R100 (R3.9)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)

**Top View Dimensions:**

- Overall length: 125 (4.9)
- Overall width: 763.6 (30.1)
- Flange width: 802 (31.57)
- Top flange radius: R100 (R3.9)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)

**Other Dimensions:**

- Overall length: 102.5 (4.0)
- Overall width: 30 (1.2)
- Top flange radius: R100 (R3.9)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)
- Bottom flange thickness: 35.2 (1.39)
- Bottom flange width: 9.6 (0.37)
- Bottom flange radius: R17 (R0.67)

Technical drawing of No. 3 CROSSMEMBER. The drawing shows a cross-section of a structural member with various dimensions and component specifications.

**Dimensions:**

- Overall width: 273.9 (10.8)
- Distance from centerline to first stiffener: 300 (11.8)
- Distance between stiffeners: 141 (5.6)
- Distance from centerline to last stiffener: 847.8 (33.4)
- Distance between stiffeners: 480.6 (18.9)
- Distance from centerline to last stiffener: 300 (11.8)
- Distance from centerline to bottom flange: 101.4 (4.0)
- Distance from centerline to bottom flange: 72.7 (2.9)
- Distance from centerline to bottom flange: 268.9 (10.6)
- Overall height: 250 (9.8)

**Component Specifications:**

- Top stiffeners: 2- $\phi 54$  ( $\phi 2.1$ )
- Bottom stiffeners: 2- $\phi 40$  ( $\phi 1.6$ )

Technical drawing of the No. 6, 7 CROSSMEMBER. The drawing shows a cross-section of a structural member with various dimensions in millimeters (mm) and inches (in). The dimensions are as follows:

- Overall width: 847.8 (33.4)
- Overall height: 174.5 (6.9)
- Top flange thickness: 7.7 (3.0)
- Web thickness: 9.5 (3.7)
- Bottom flange thickness: 16.0 (6.3)
- Distance from top flange to web centerline: 121 (4.8)
- Distance from web centerline to bottom flange centerline: 286 (11.3)
- Distance from bottom flange centerline to web centerline: 121 (4.8)
- Distance from web centerline to bottom flange outer edge: 126 (5.0)
- Radius of fillet: R200 (R7.9)
- Number of holes: 4- $\phi 64$  ( $\phi 2.5$ ) and 3- $\phi 35$  ( $\phi 1.4$ )
- Distance from bottom flange centerline to web centerline: 218.5 (8.6)
- Distance from web centerline to bottom flange outer edge: 16.0 (6.3)
- Distance from bottom flange centerline to web centerline: 295 (11.6)
- Distance from web centerline to bottom flange outer edge: 349 (13.7)

Technical drawing of the No. 2 Crossmember, showing dimensions in millimeters (mm) and inches (in).

**Top View Dimensions:**

- Overall width: 835.8 mm (32.9 in)
- Overall height: 165 mm (6.5 in)
- Distance from top edge to centerline: 74.5 mm (2.9 in)
- Radius of top flange: R400 (R15.7)
- Radius of inner flange: R300 (R11.8)
- Radius of bottom flange: R150 (R5.9)
- Distance from centerline to inner flange edge: 260 mm (10.2 in)
- Distance from centerline to bottom flange edge: 340 mm (13.4 in)
- Distance from centerline to outer flange edge: 720.2 mm (28.4 in)

**Side View Dimensions:**

- Overall height: 192 mm (7.6 in)
- Distance from top edge to centerline: 21.2 mm (0.8 in)
- Radius of top flange: R70 (R2.8)
- Radius of inner flange: R60 (R2.4)
- Radius of bottom flange: R100 (R3.9)
- Distance from centerline to inner flange edge: 26 mm (1.0 in)
- Distance from centerline to bottom flange edge: 480 mm (18.9 in)
- Distance from centerline to outer flange edge: 664 mm (26.1 in)

**Bottom View Dimensions:**

- Overall width: 84 mm (3.3 in)
- Distance from centerline to inner flange edge: 100 mm (3.9 in)
- Distance from centerline to outer flange edge: 216 mm (8.5 in)
- Distance from centerline to bottom flange edge: 70 mm (2.8 in)
- Distance from centerline to top flange edge: 73 mm (2.9 in)
- Distance from centerline to outer flange edge: 97 mm (3.8 in)

[illegible]

Technical drawing of a crossmember (No. 8) showing dimensions and specifications. The drawing includes a side view and a top view. Key dimensions and specifications are as follows:

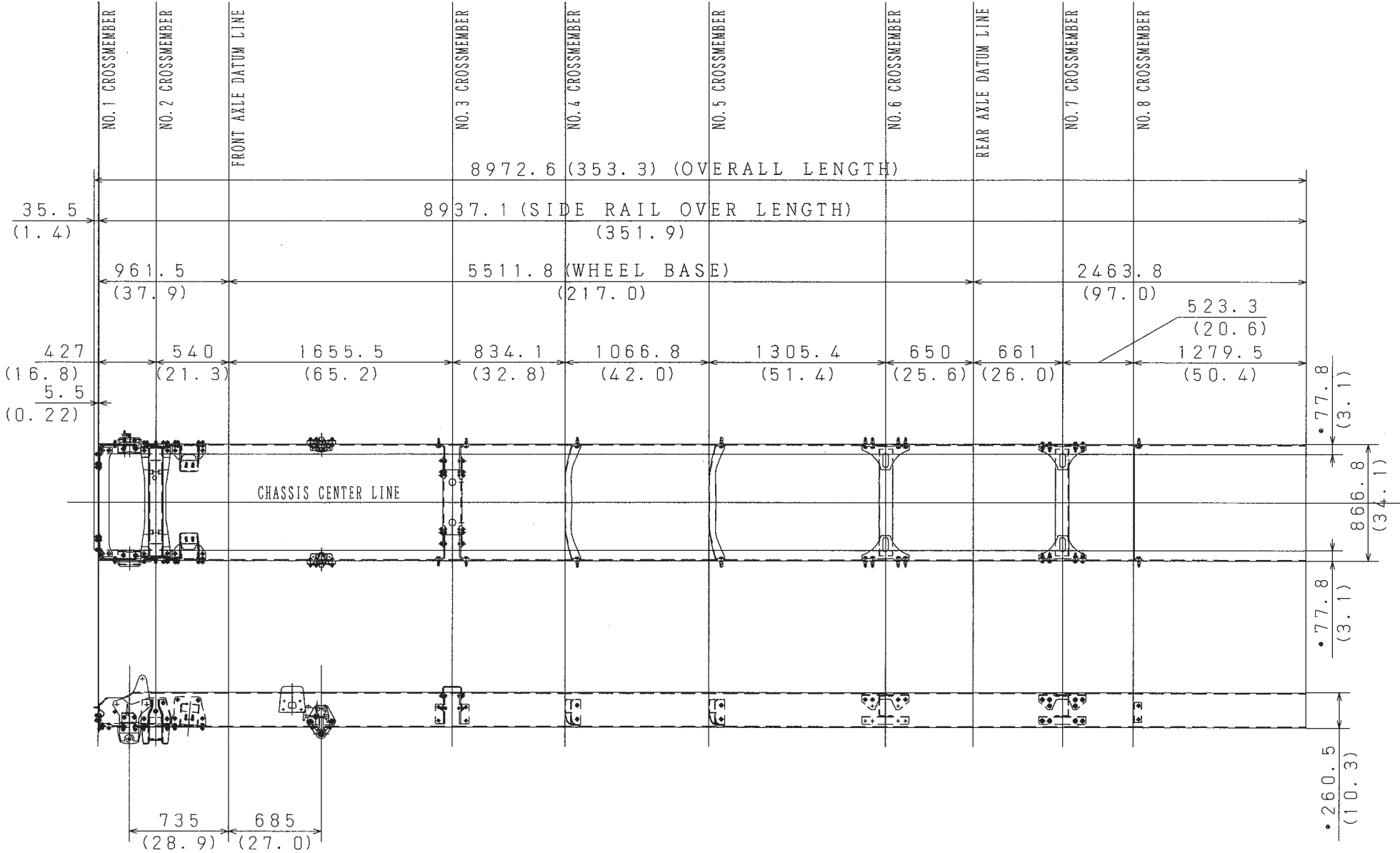
- Top View Dimensions:**
  - Overall width: 847.8 (33.4)
  - Distance from centerline to the center of the  $\phi 25$  hole: 600 (23.6)
  - Distance from centerline to the center of the  $2-\phi 20$  holes: 55 (2.2)
  - Radius of the corner:  $2-R12$  (0.5)
- Side View Dimensions:**
  - Overall height: 127.5 (5.0)
  - Distance from the top surface to the center of the  $\phi 25$  hole: 55 (2.2)
  - Distance from the top surface to the center of the  $2-\phi 20$  holes: 103 (4.1)
  - Distance from the top surface to the center of the  $4-\phi 17$  holes: 170 (6.7)
  - Distance from the centerline to the center of the  $4-\phi 17$  holes: 74 (2.9)
  - Distance from the centerline to the center of the  $2-\phi 20$  holes: 40 (1.6)
- Specifications:**
  - $\phi 25$  (1.0)
  - $2-\phi 20$  (0.8)
  - $4-\phi 17$  (0.7)

№ 8 CROSSMEMBER

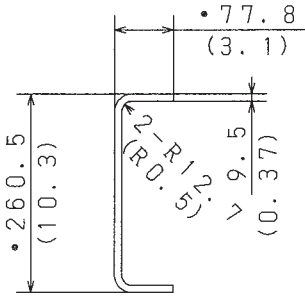
CHASSIS MODEL : NF8JPSG, NV8JPSG AND NH8JPSG

Unit : mm (in.)

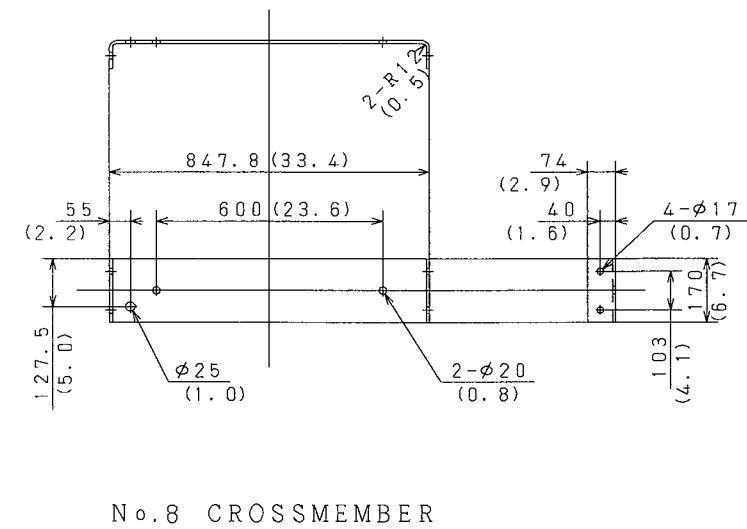
1) DETAIL OF CHASSIS FRAME



DETAIL OF FRAME END



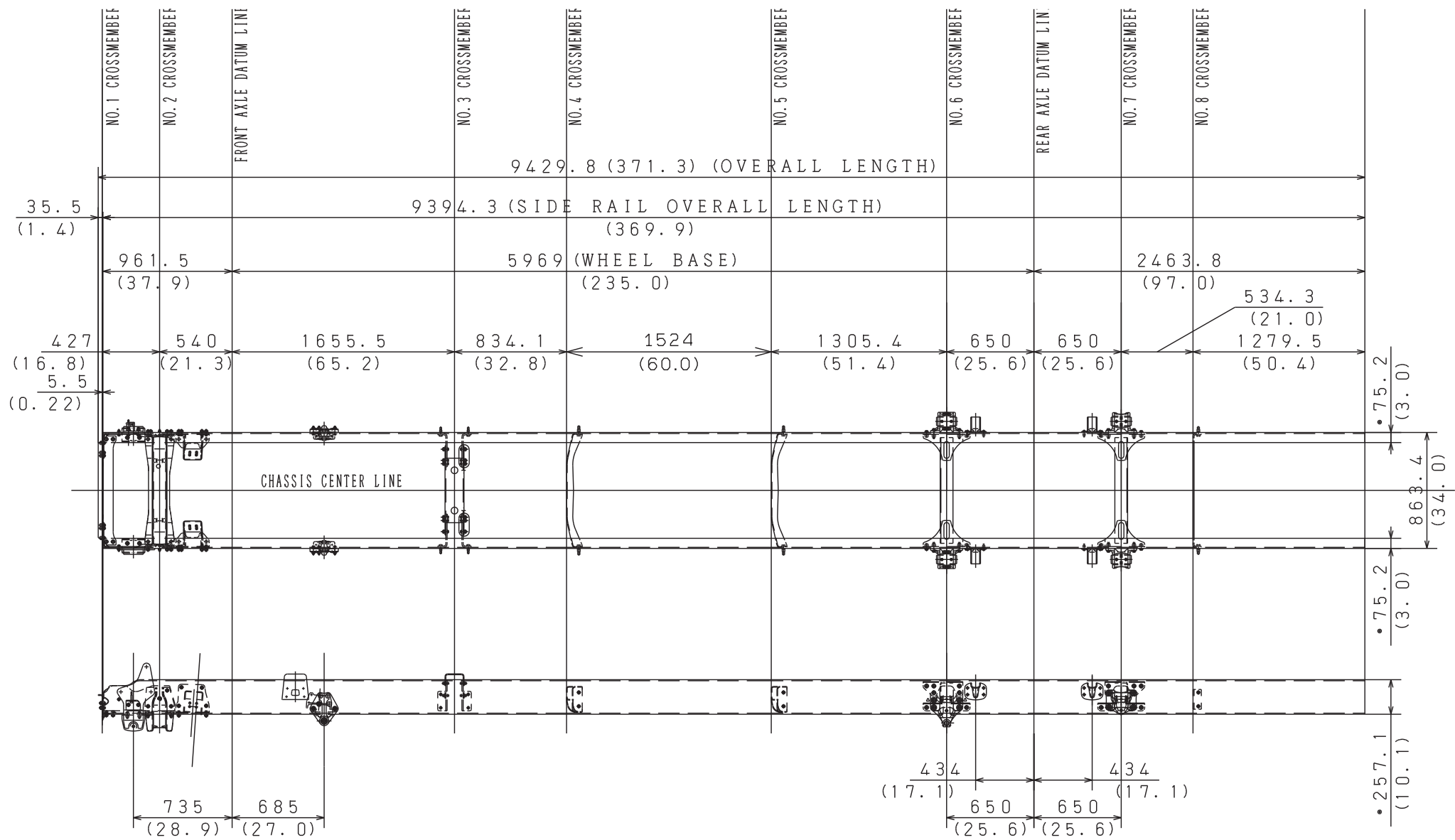
## Unit : mm (in.)



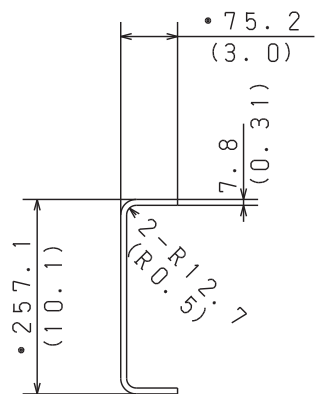
CHASSIS MODEL : NE8JRSA AND NJ8JRSA

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)

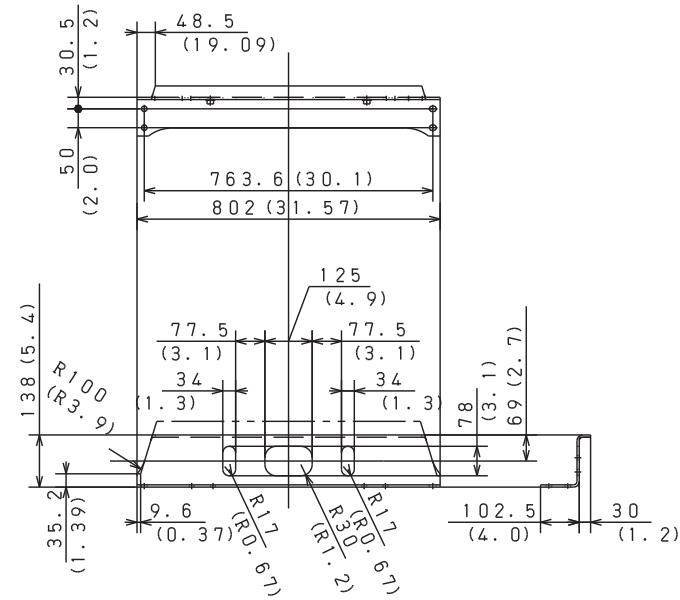


DETAIL OF FRAME END

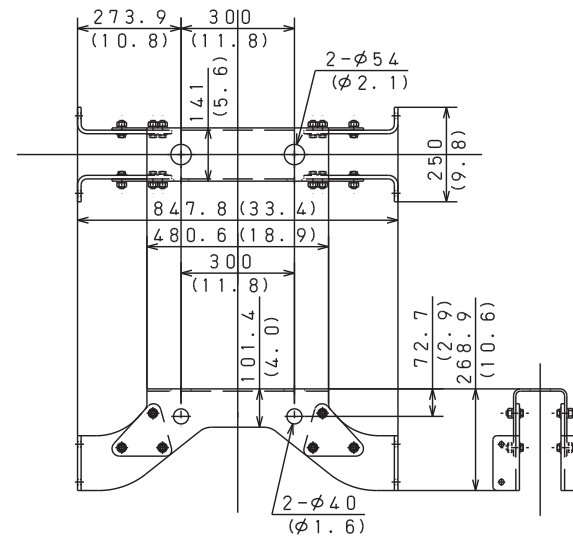


## 2) DETAIL OF CROSSMEMBER

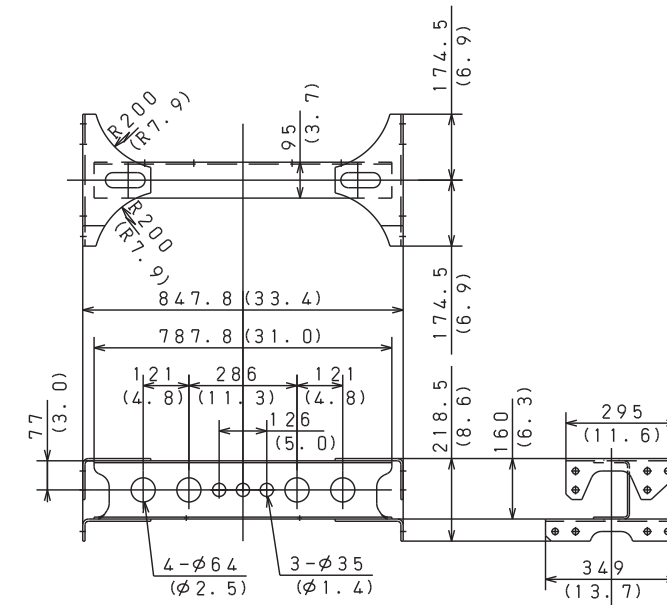
Unit : mm (in.)



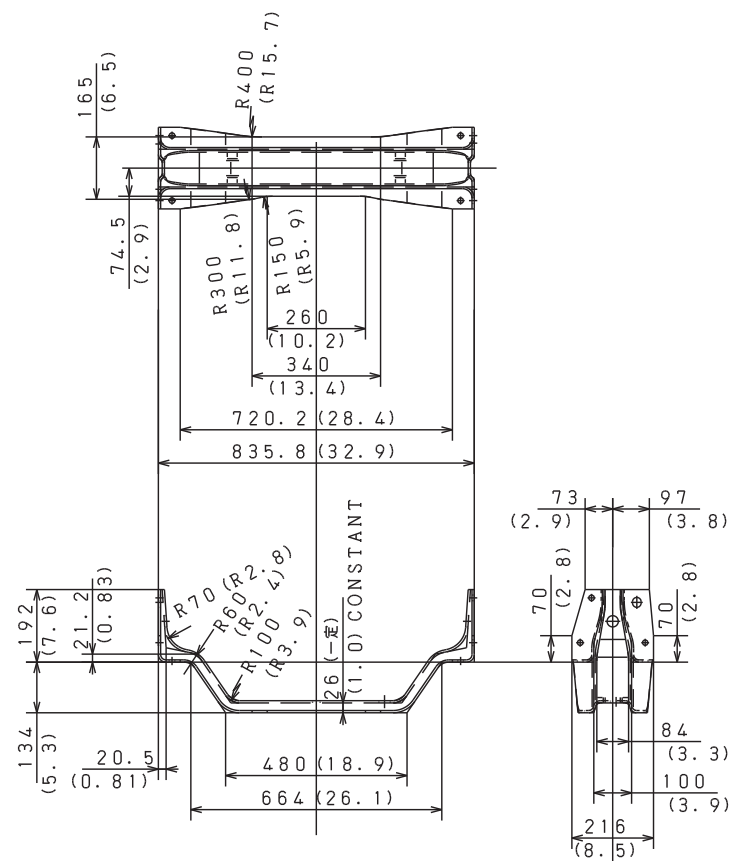
No. 1 CROSSMEMBER



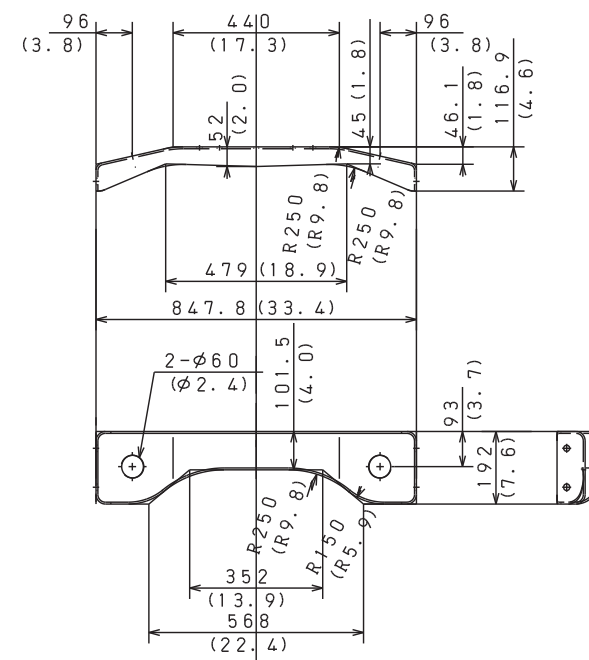
No.3 CROSSMEMBER



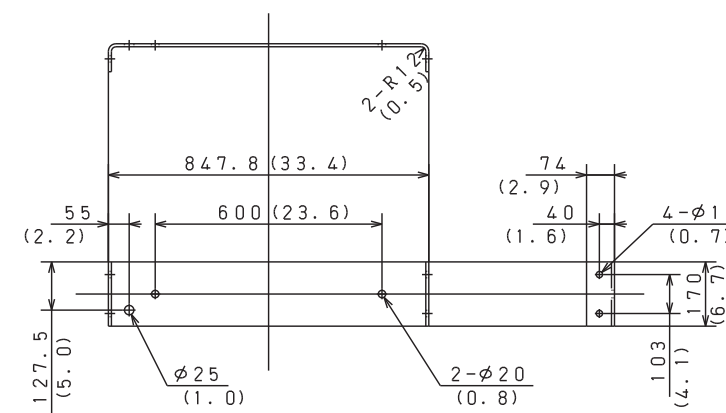
No. 6, 7 CROSSMEMBER



No. 2 CROSSMEMBER



No. 4 · 5      CROSSMEMBER

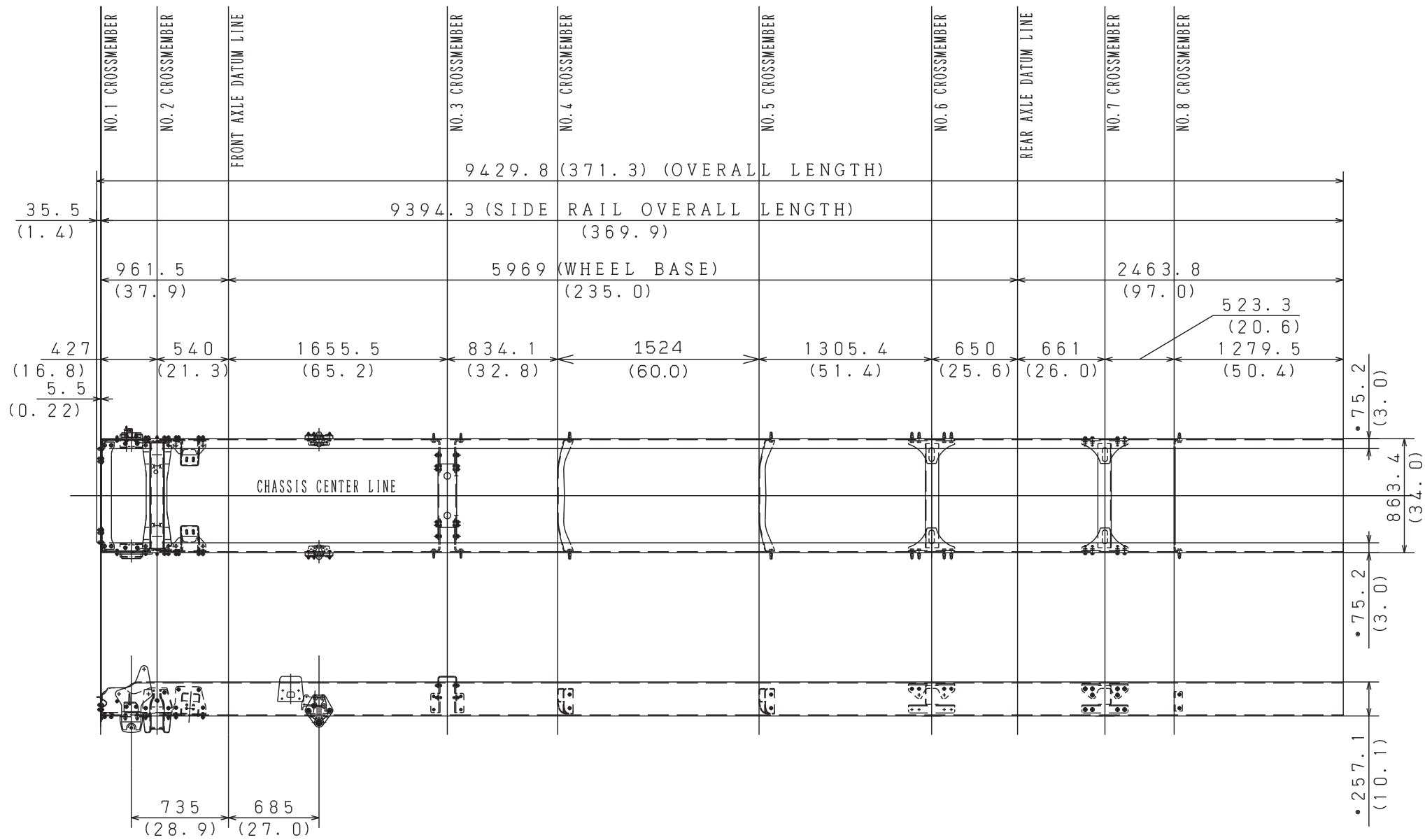


No. 8 CROSSMEMBER

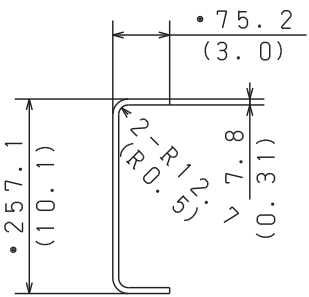
CHASSIS MODEL : NE8JRSG AND NJ8JRSG

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



DETAIL OF FRAME END





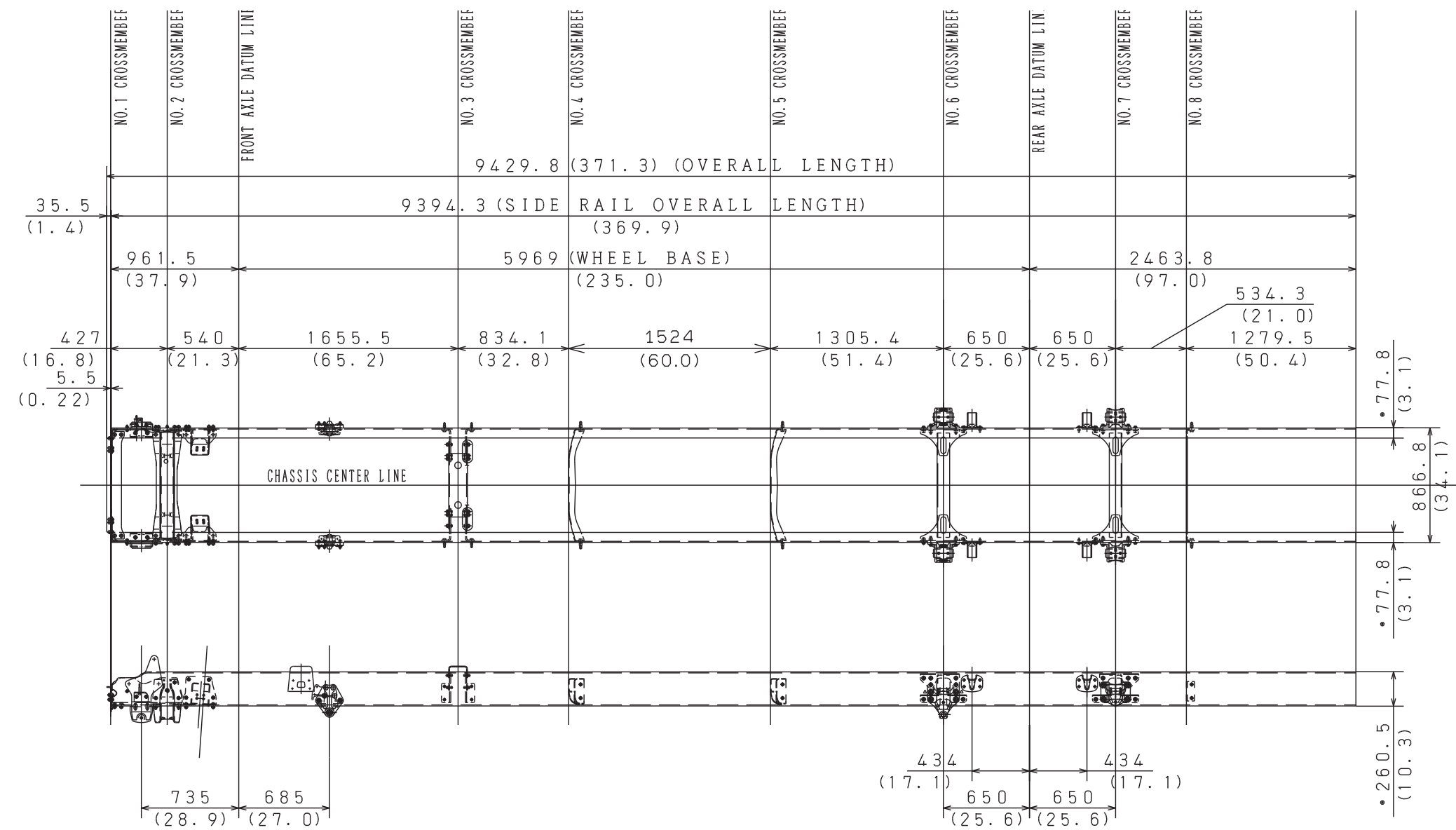
## Unit : mm (in.)



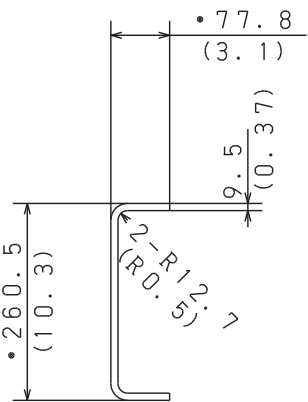
CHASSIS MODEL : NF8JRSA, NV8JRSA AND NH8JRSA

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

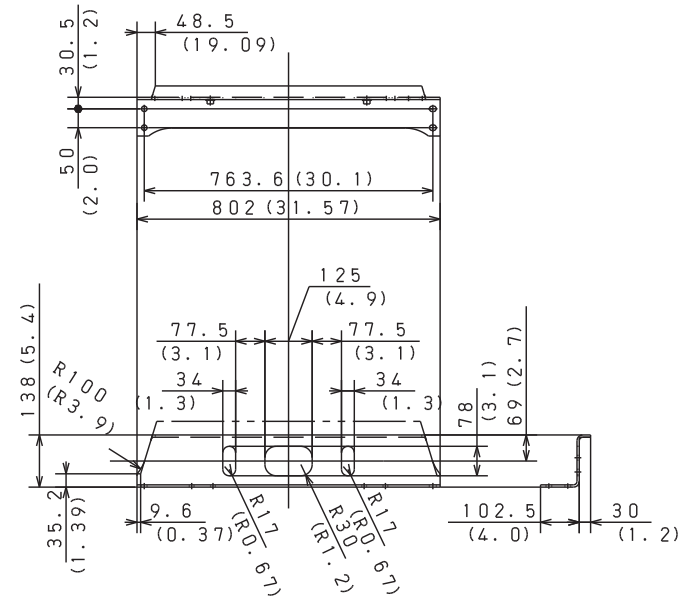


DETAIL OF FRAME END

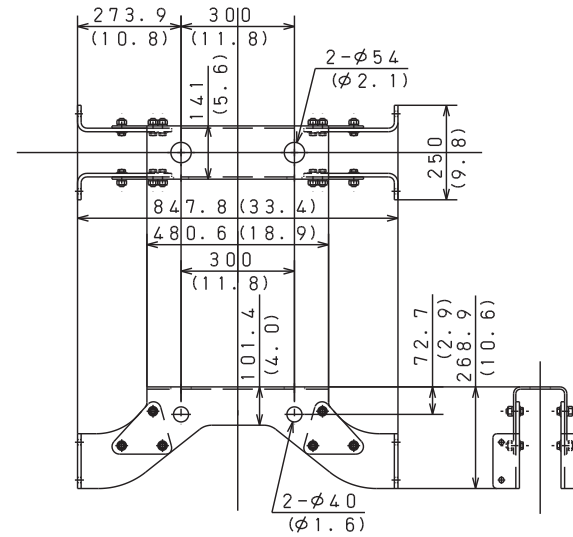


## 2) DETAIL OF CROSSMEMBER

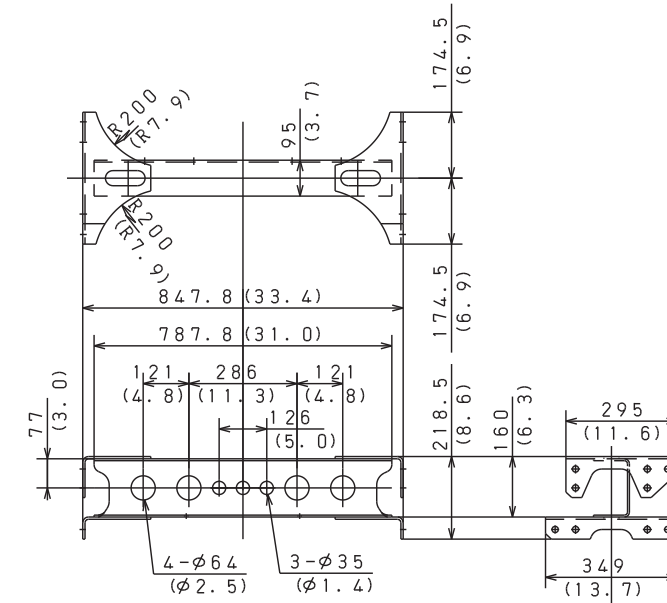
Unit : mm (in.)



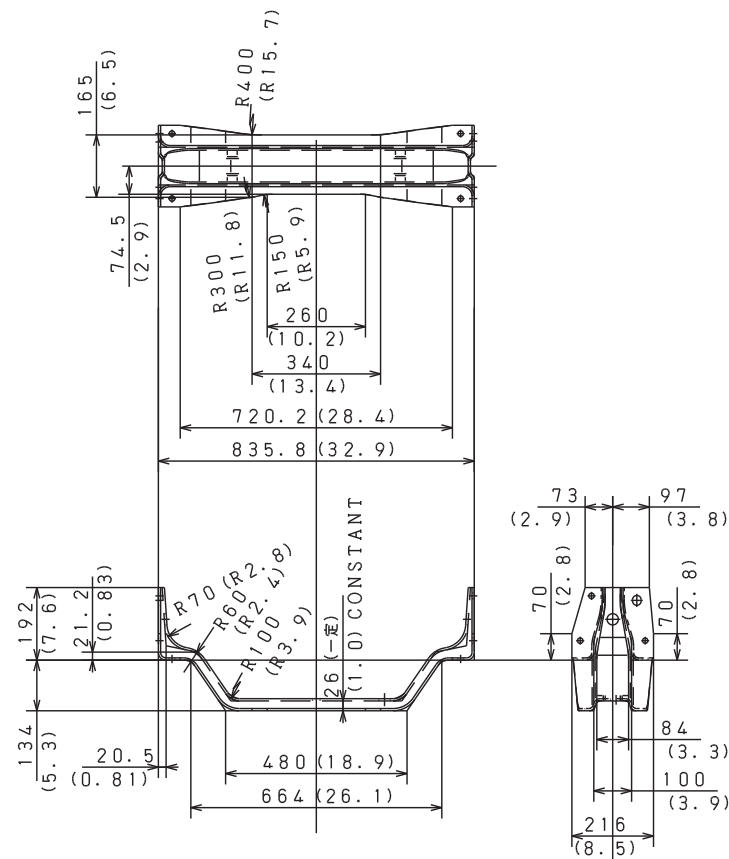
No. 1 CROSSMEMBER



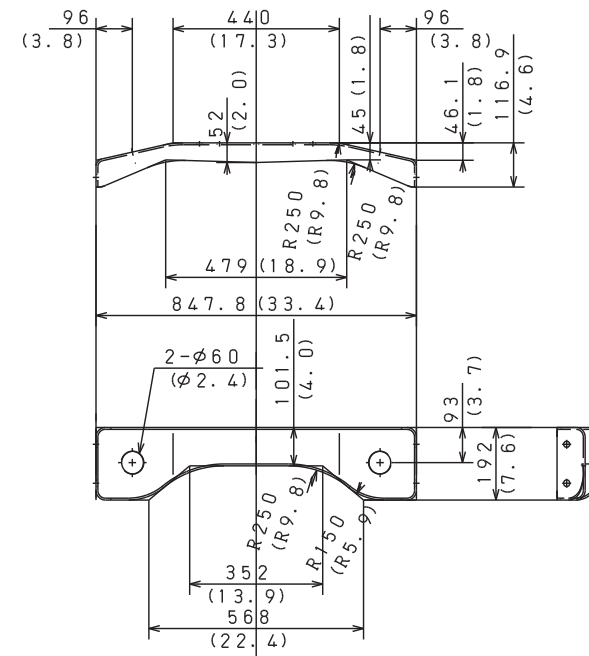
No.3 CROSSMEMBER



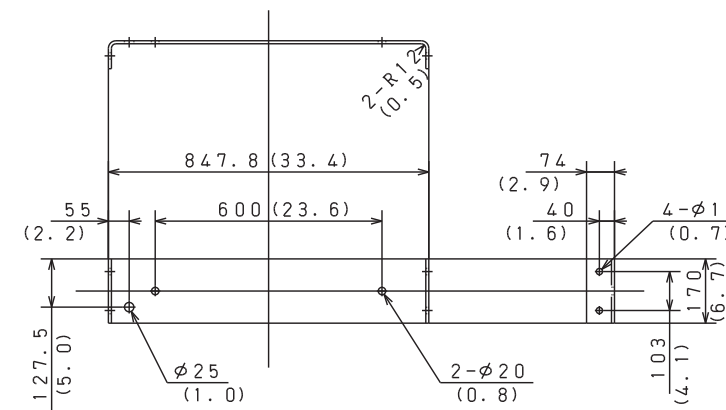
No. 6, 7 CROSSMEMBER



No. 2 CROSSMEMBER



No. 4 · 5      CROSSMEMBER

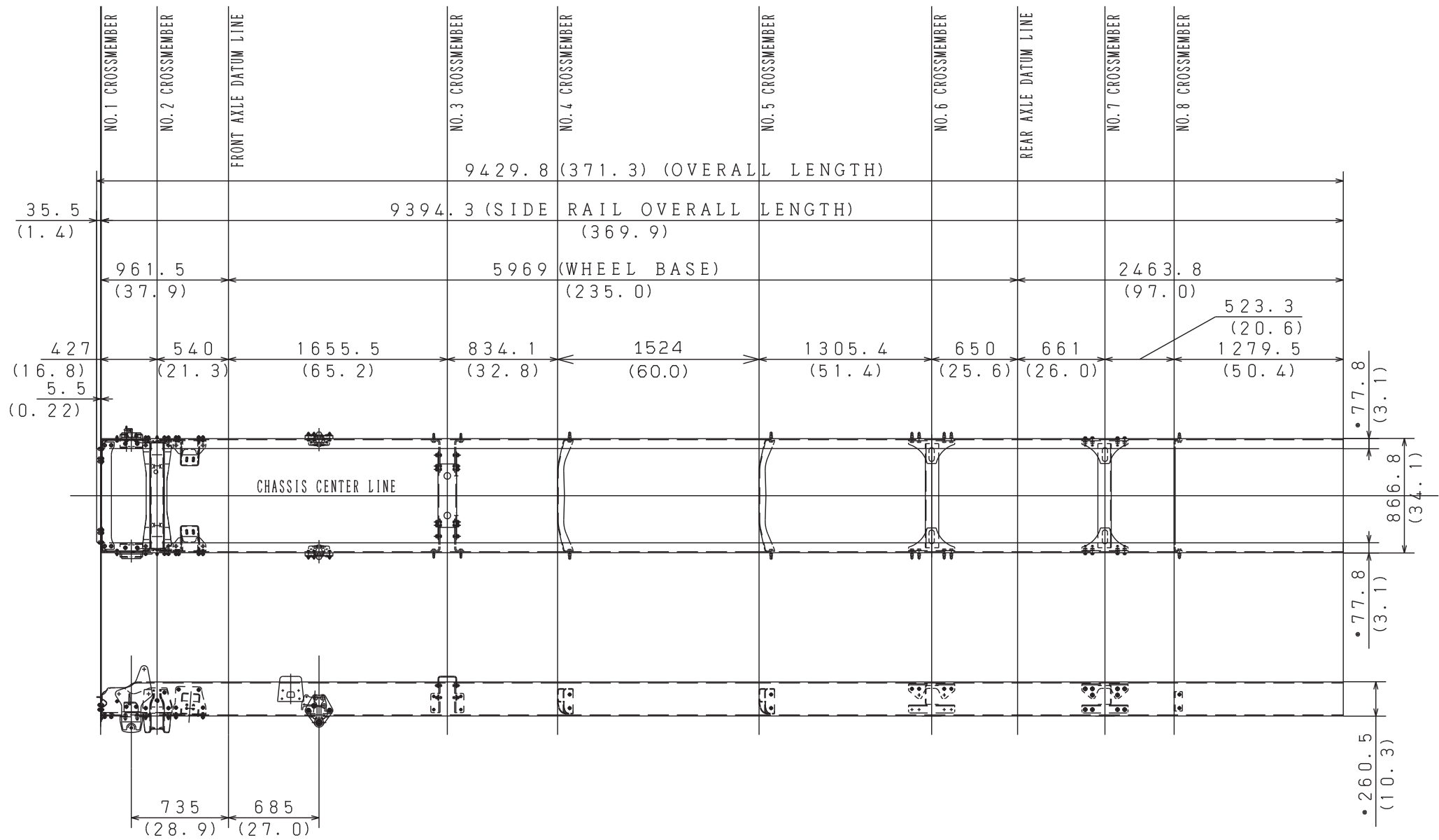


No. 8 CROSSMEMBER

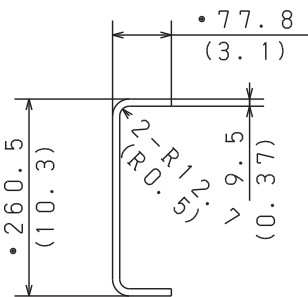
CHASSIS MODEL : NF8JRSG, NV8JRSG AND NH8JRSG

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



DETAIL OF FRAME END



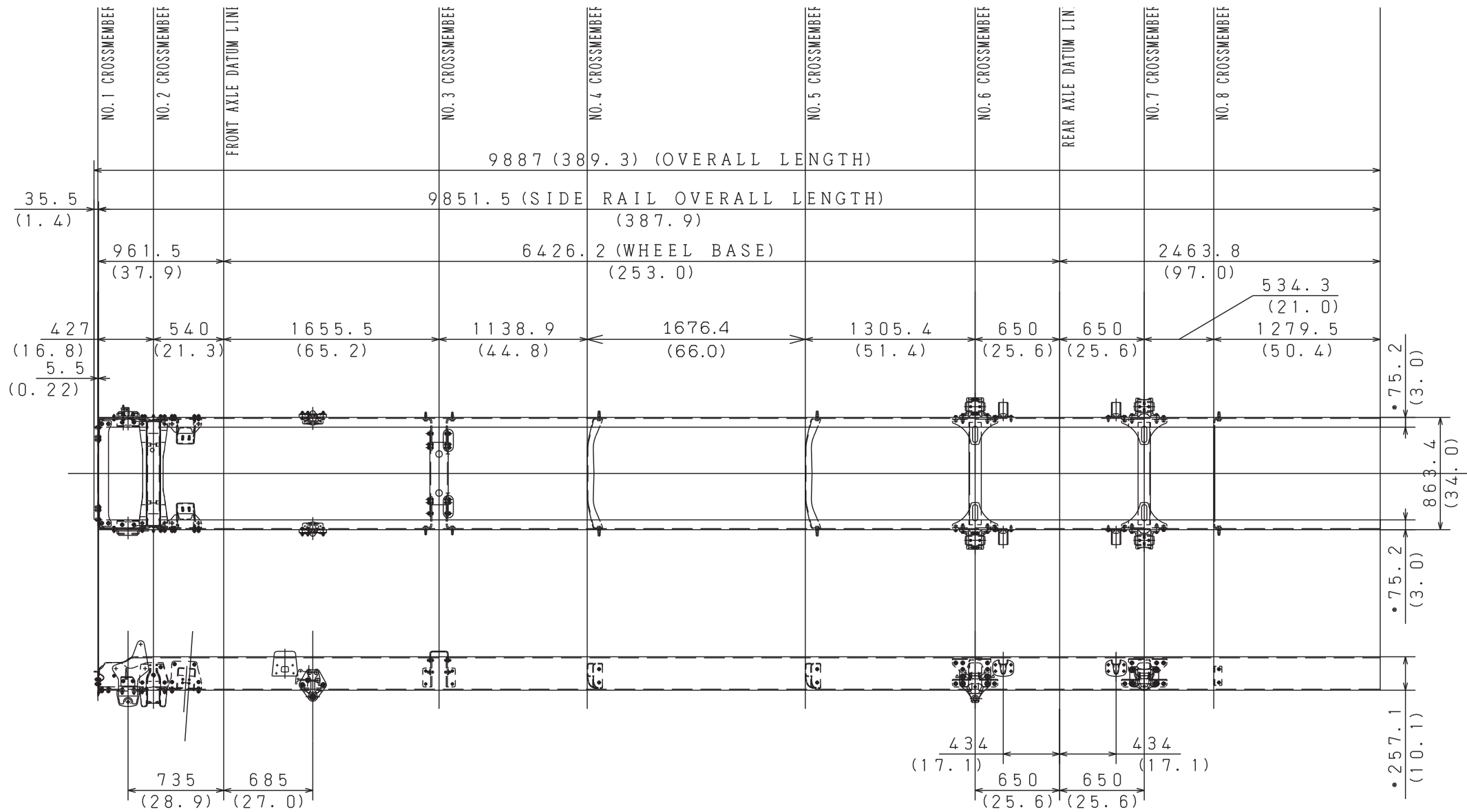
## Unit : mm (in.)



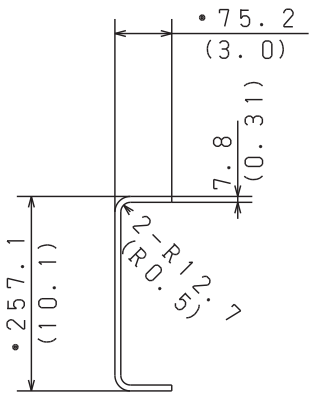
CHASSIS MODEL : NE8JTSA AND NJ8JTSA

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

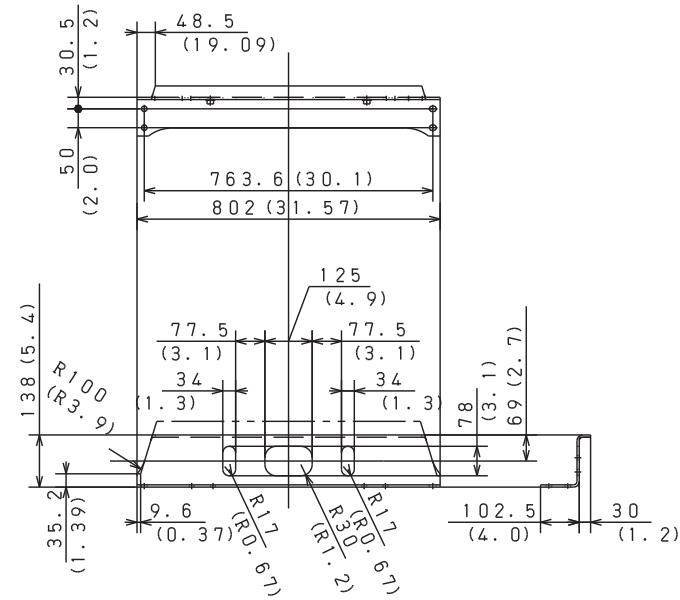


DETAIL OF FRAME END

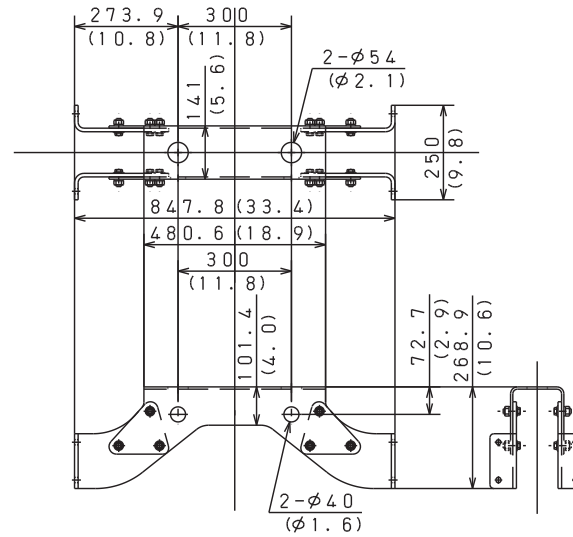


Unit : mm (in.)

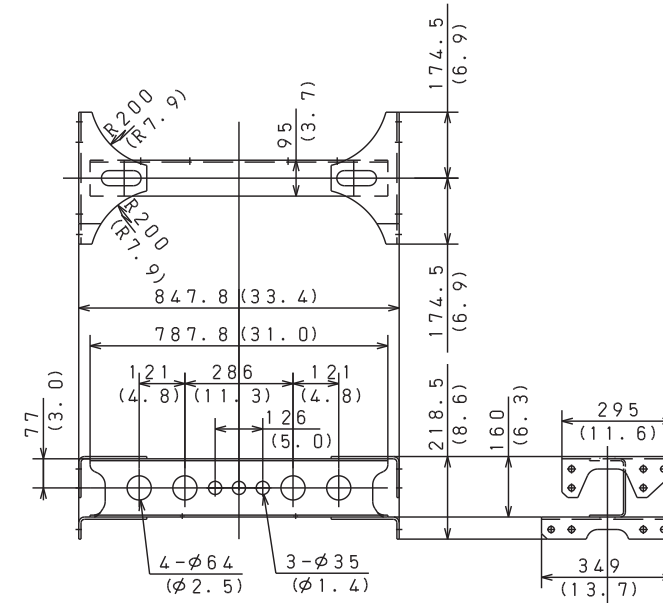
## 2) DETAIL OF CROSSMEMBER



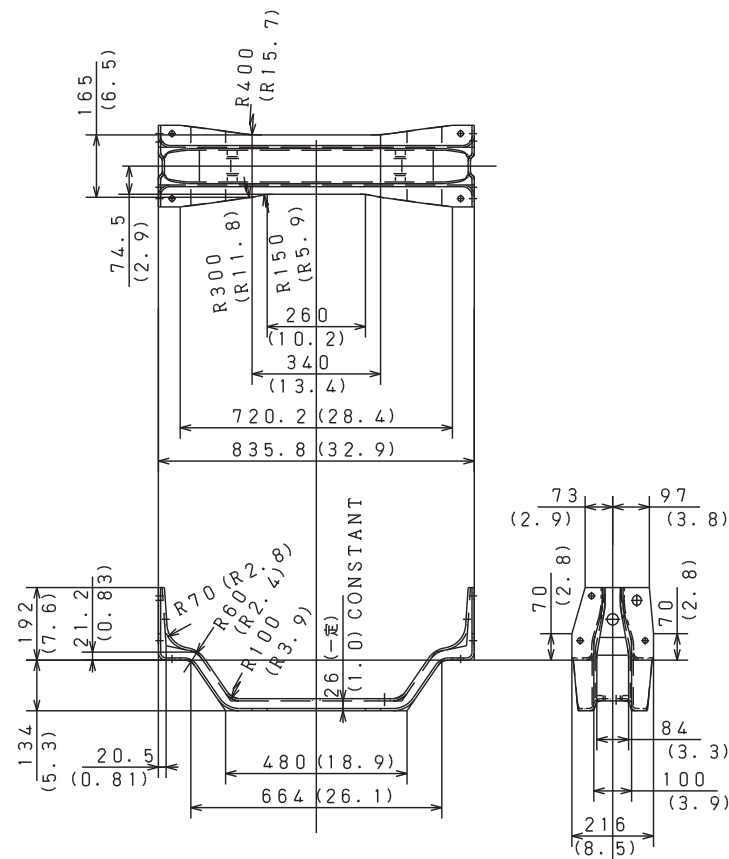
No. 1 CROSSMEMBER



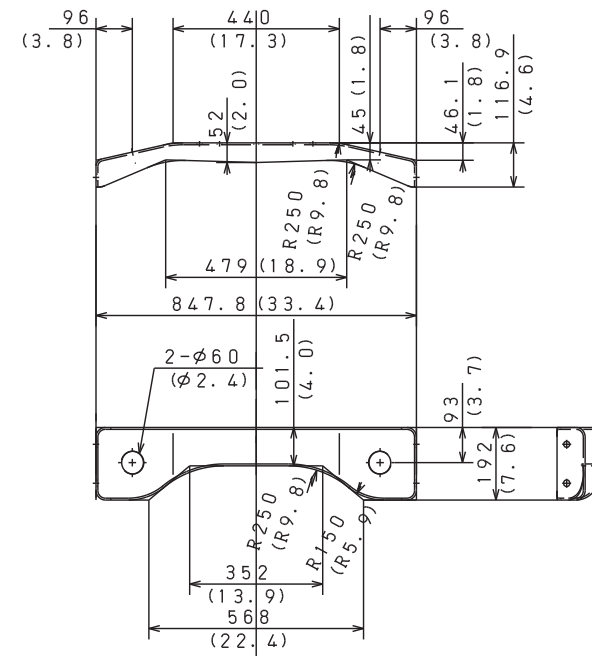
No.3 CROSSMEMBER



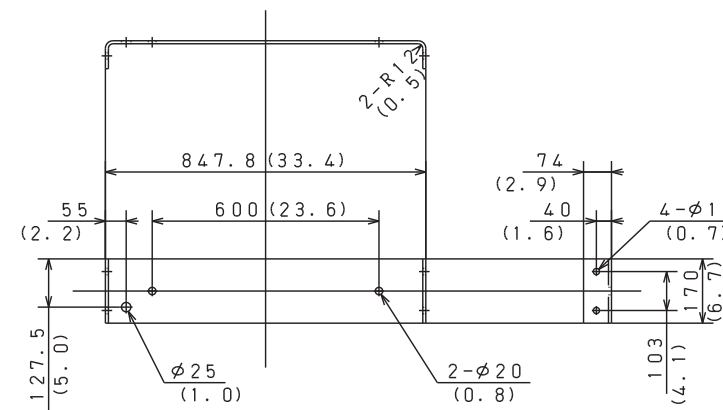
No. 6, 7 CROSSMEMBER



No. 2 CROSSMEMBER



No. 4 · 5      CROSSMEMBER

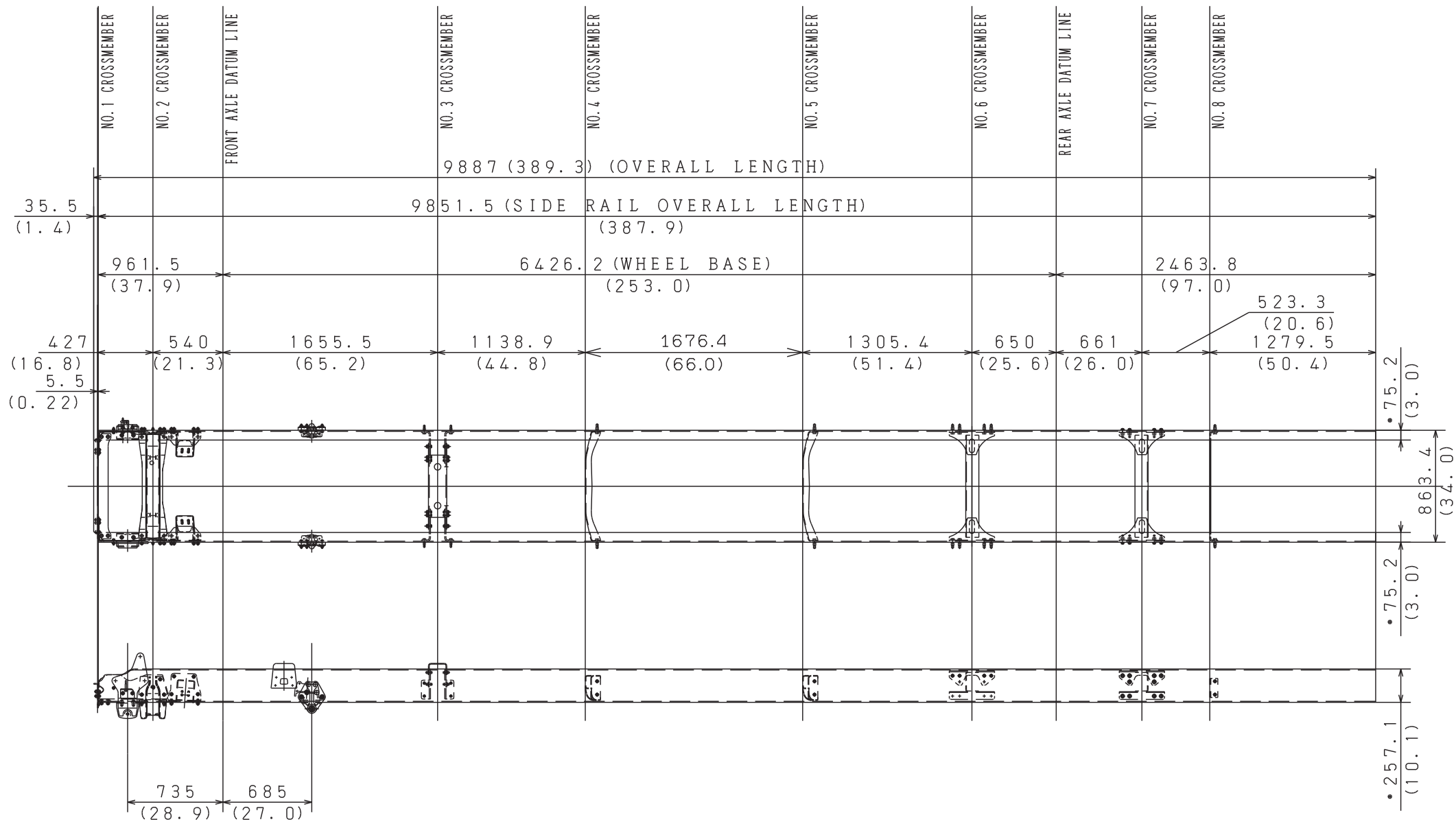


No. 8 CROSSMEMBER

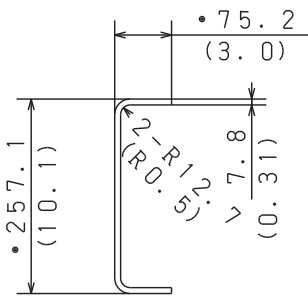
CHASSIS MODEL : NE8JTSG AND NJ8JTSG

1) DETAIL OF CHASSIS FRAME

Unit : mm (in.)



DETAIL OF FRAME END





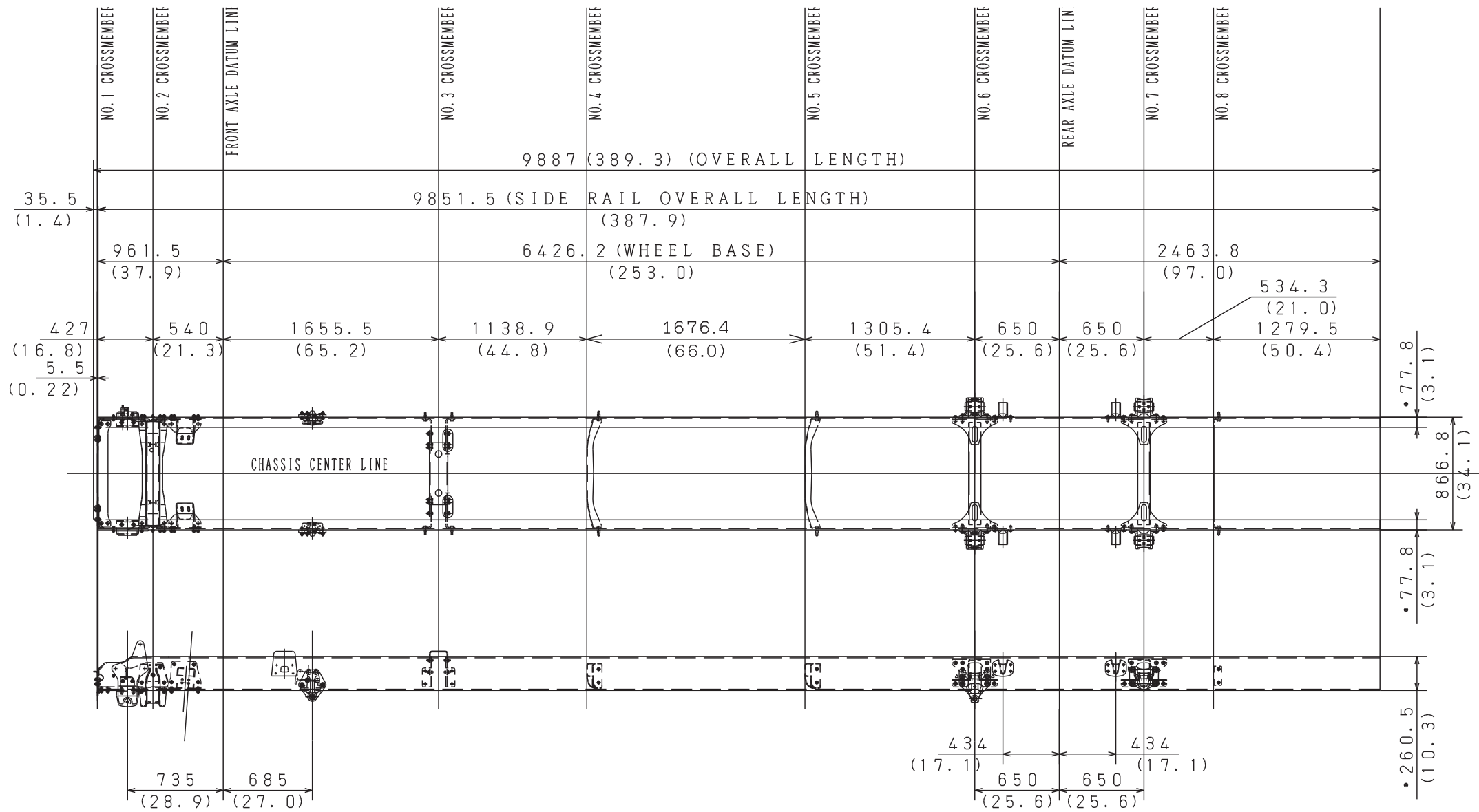
## Unit : mm (in.)



CHASSIS MODEL : NF8JTSA, NV8JTSA AND NH8JTSA

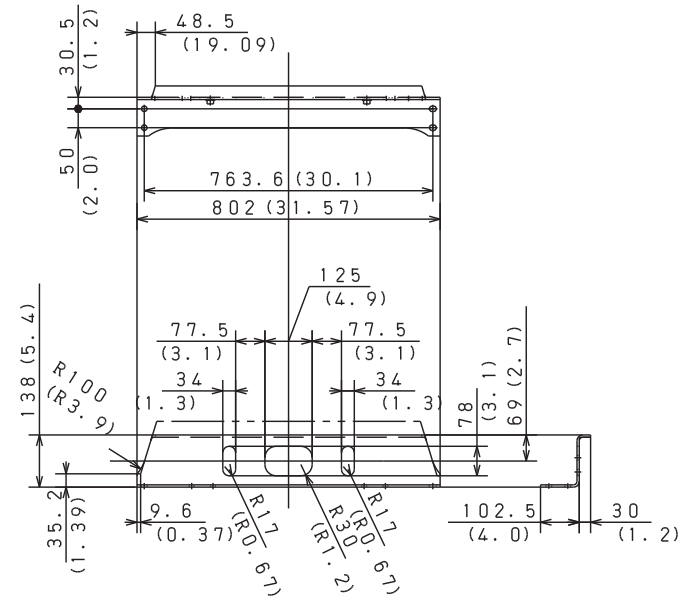
Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

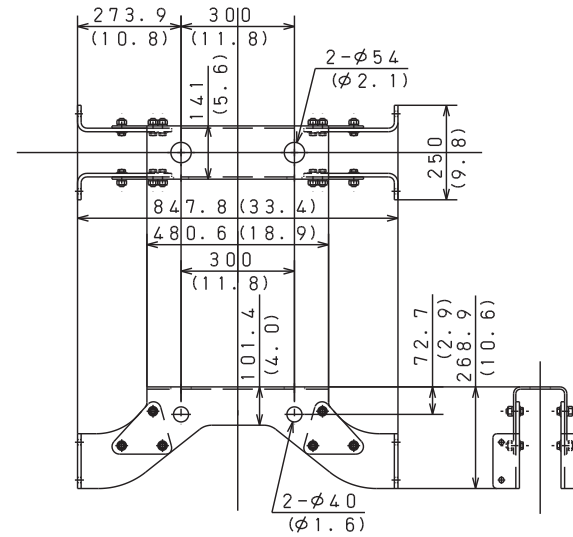


## 2) DETAIL OF CROSSMEMBER

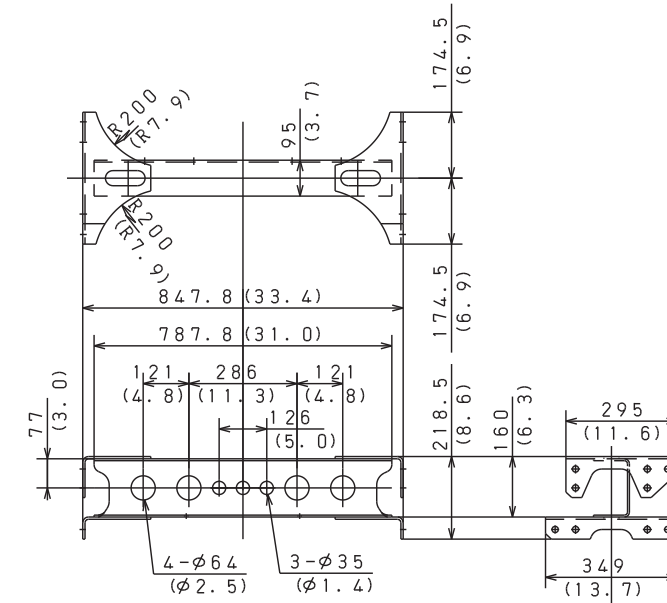
Unit : mm (in.)



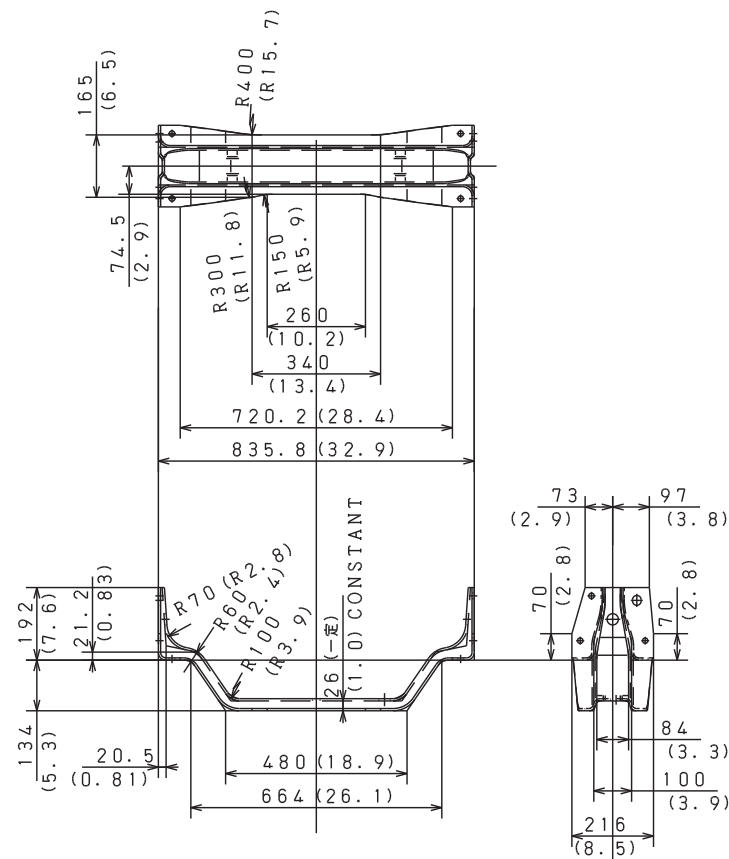
No. 1 CROSSMEMBER



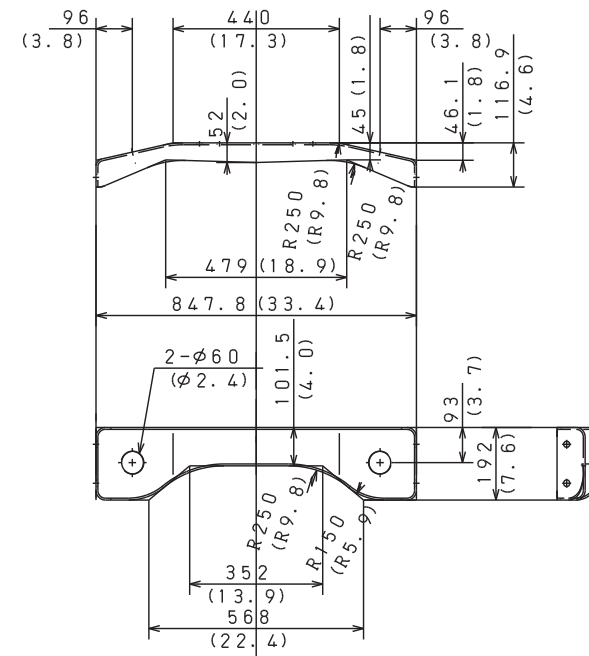
No.3 CROSSMEMBER



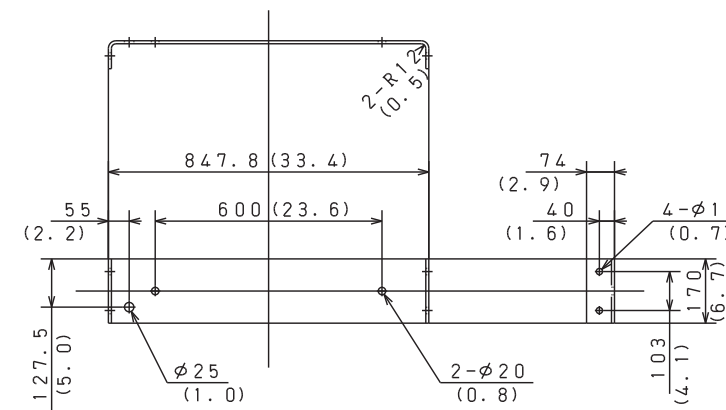
No. 6,7 CROSSMEMBER



No. 2 CROSSMEMBER



No. 4 · 5      CROSSMEMBER

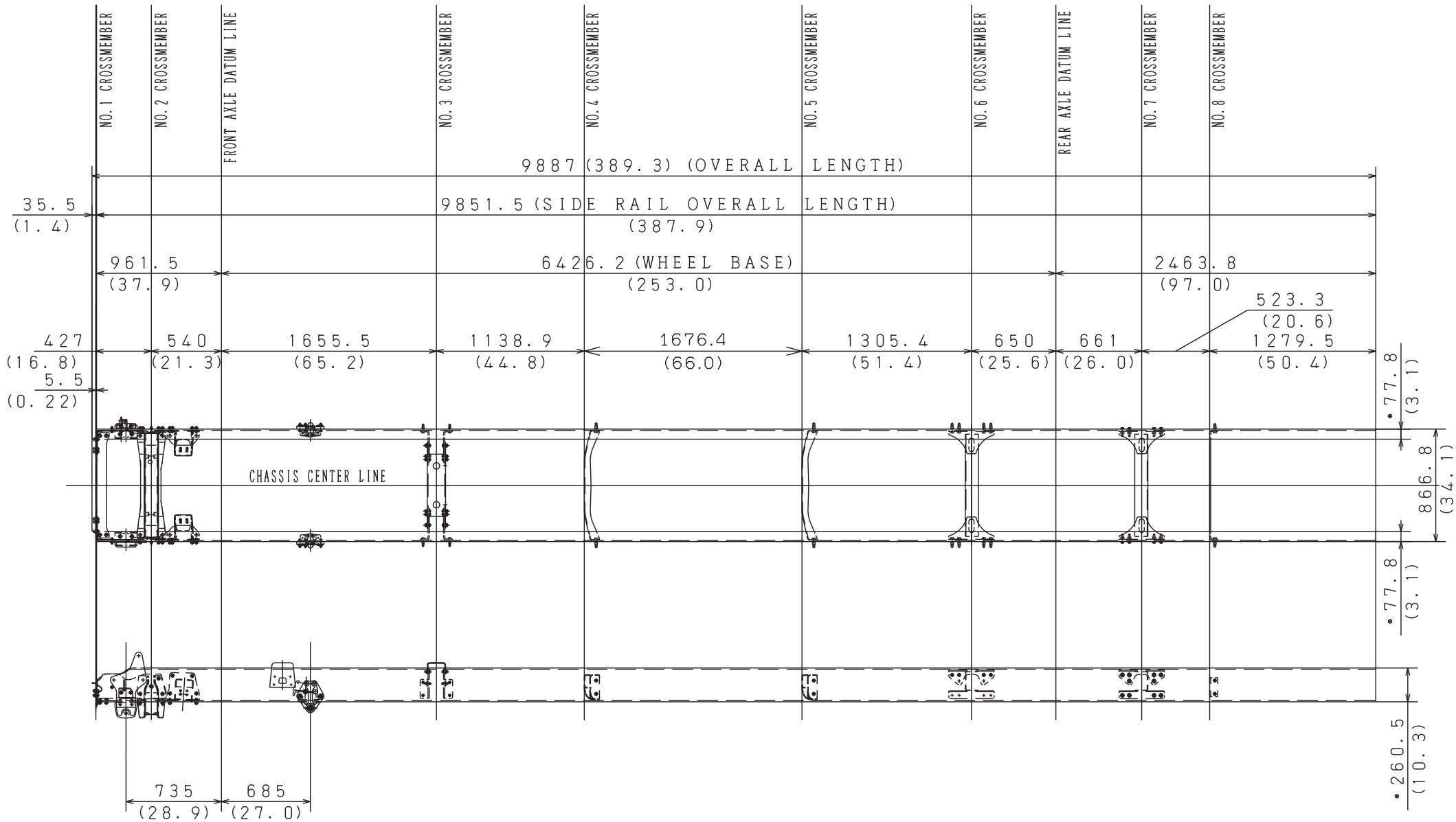


No. 8 CROSSMEMBER

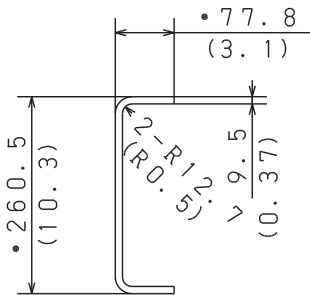
CHASSIS MODEL : NF8JTSG, NV8JTSG AND NH8JTSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

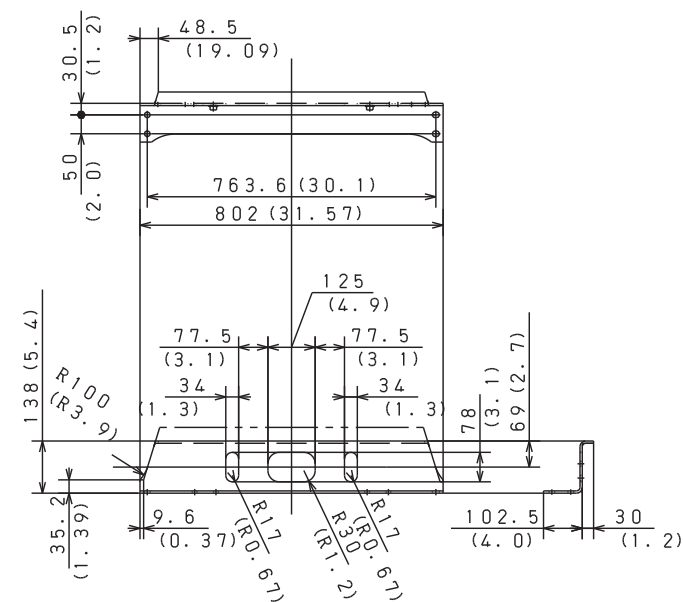


DETAIL OF FRAME END

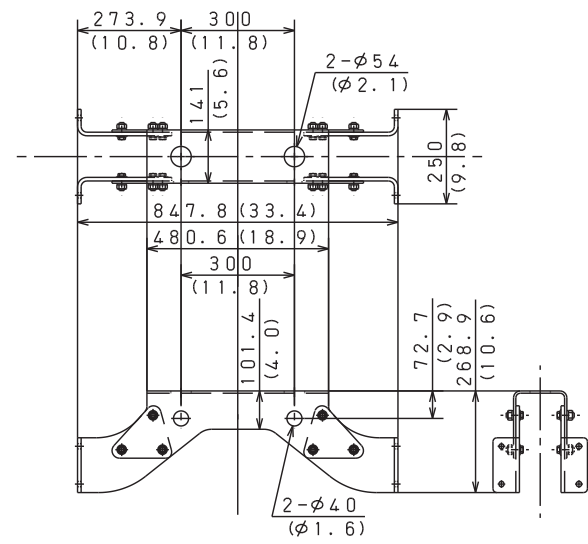


2) DETAIL OF CROSSMEMBER

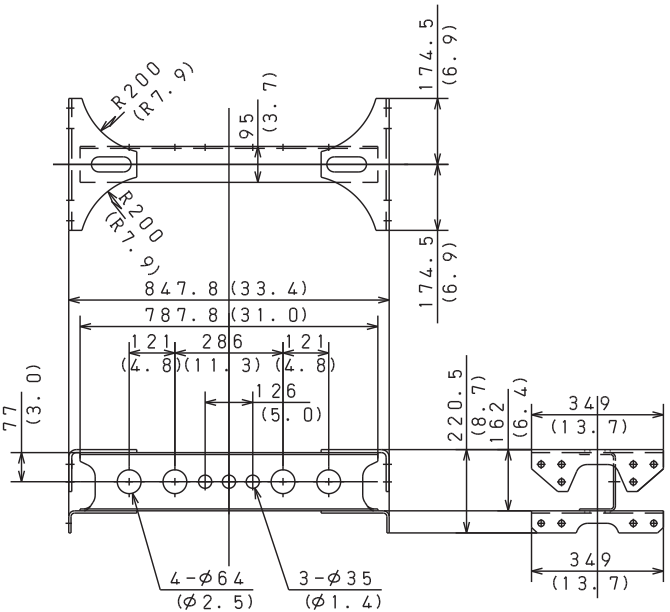
Unit : mm (in.)



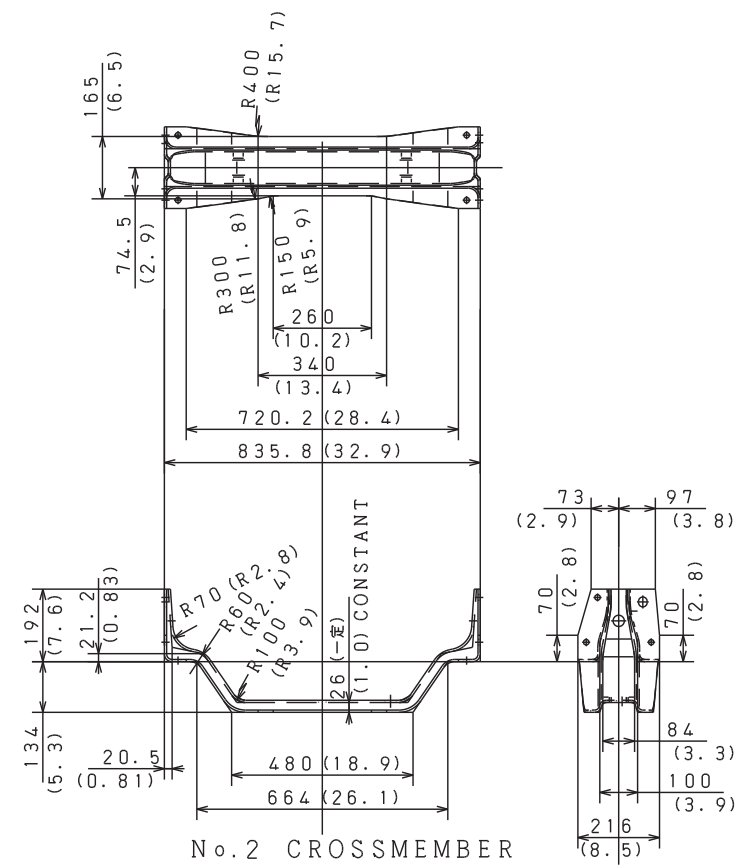
No.1 CROSSMEMBER



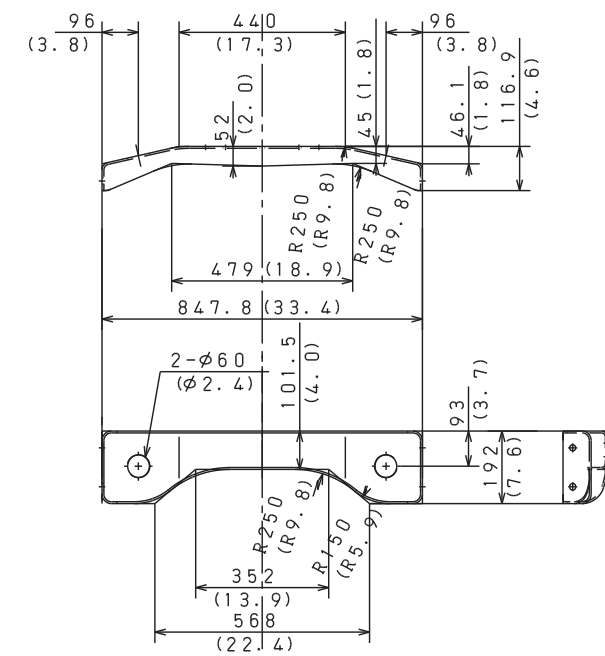
No.3 CROSSMEMBER



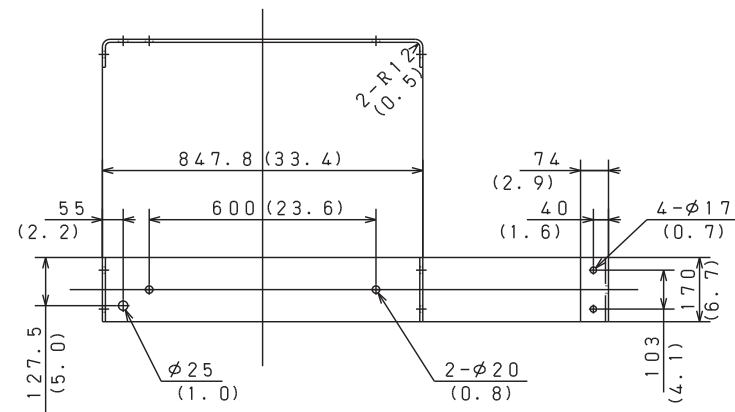
No.6・7 CROSSMEMBER



No.2 CROSSMEMBER



No.4・5 CROSSMEMBER

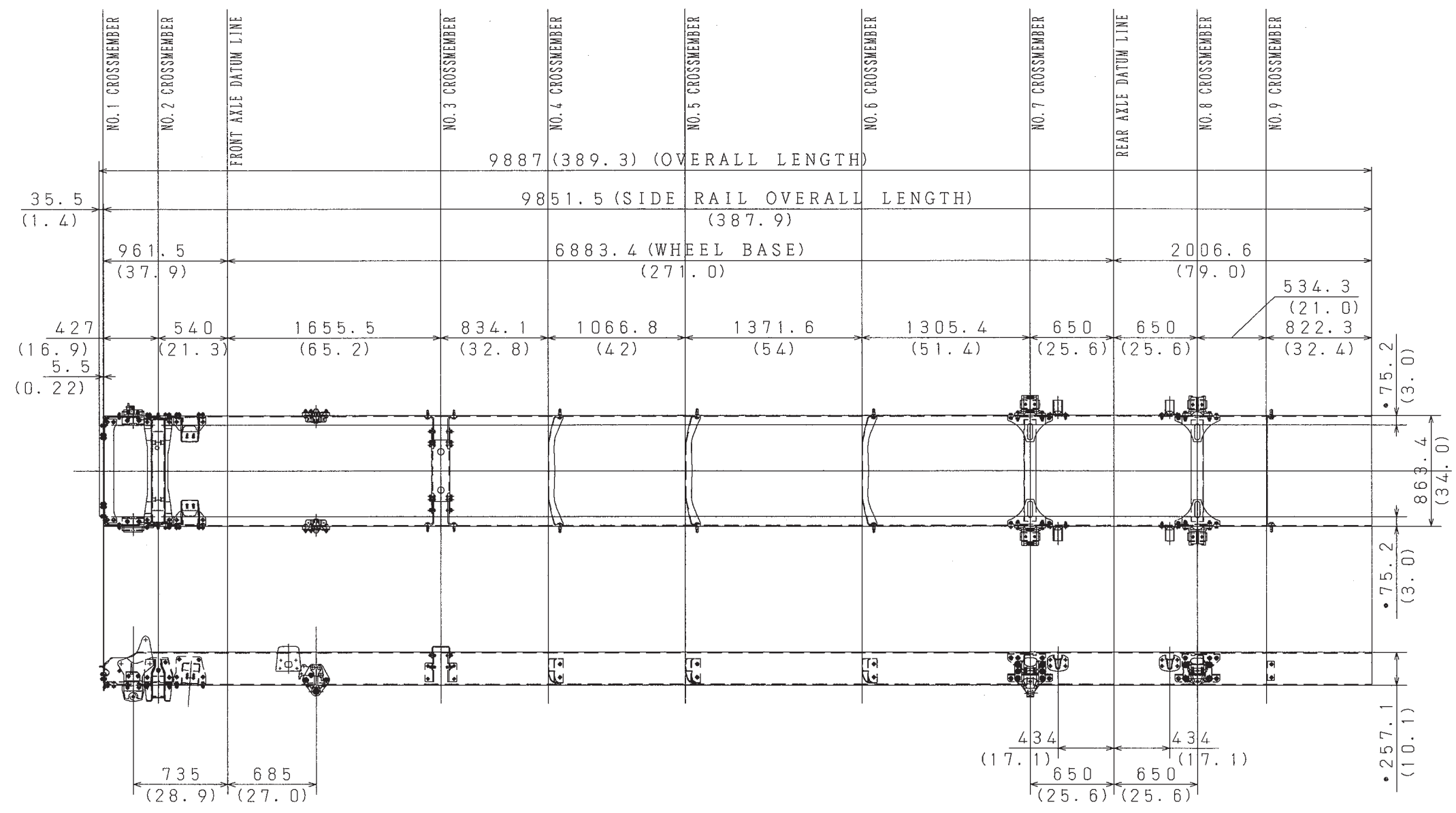


No.8 CROSSMEMBER

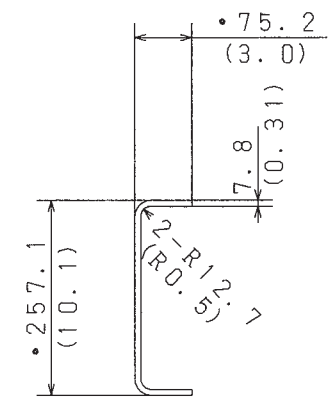
CHASSIS MODEL : NE8JVSA AND NJ8JVSA

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

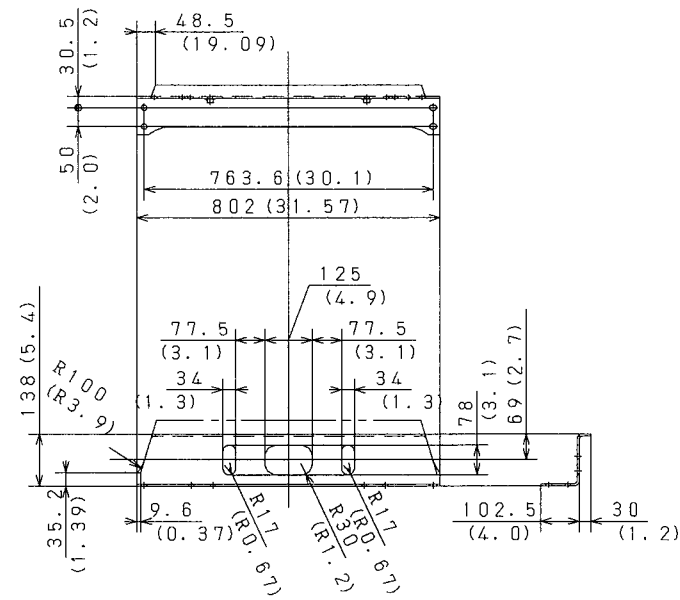


DETAIL OF FRAME END

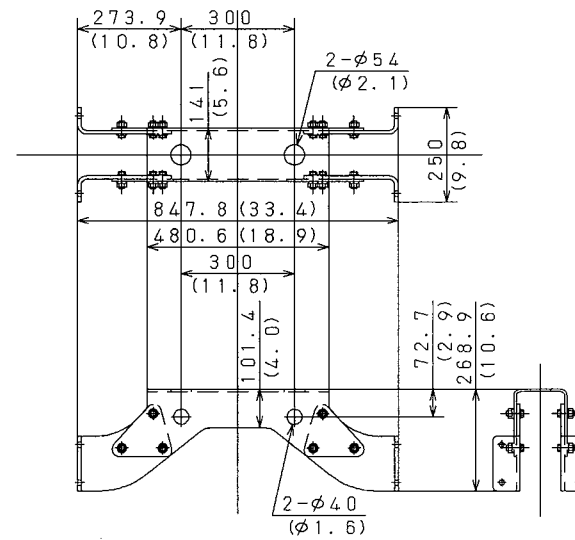


## 2) DETAIL OF CROSSMEMBER

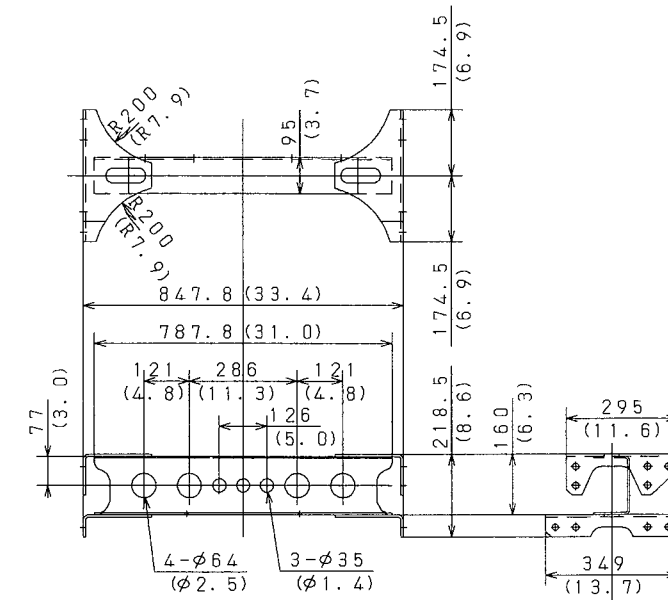
Unit : mm (in.)



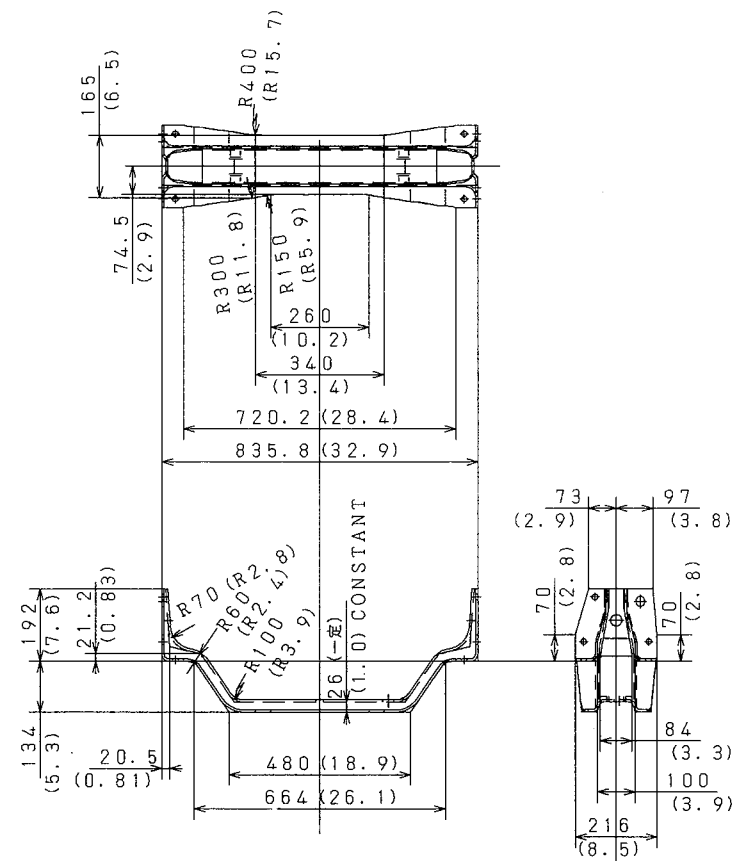
No.1 CROSSMEMBER



No. 3 CROSSMEMBER

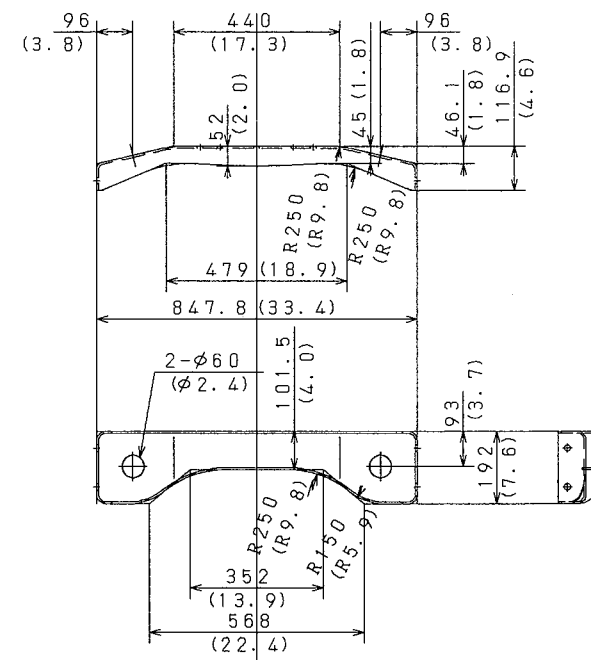


No. 7, 8 CROSSMEMBER

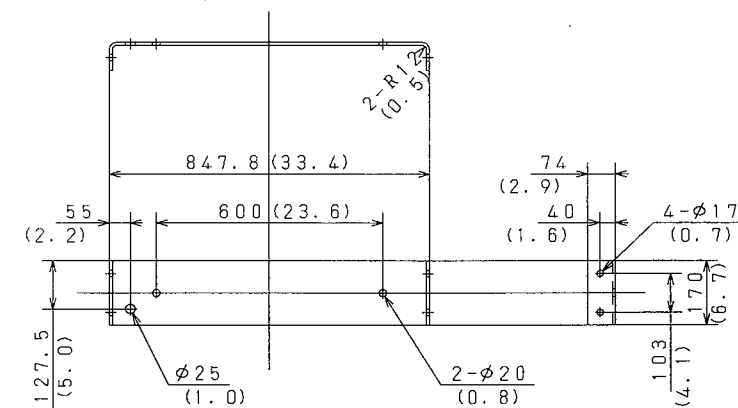


No. 2 CROSSMEMBER

HNECY17601001410



No. 4 · 5 · 6 CROSSMEMBER

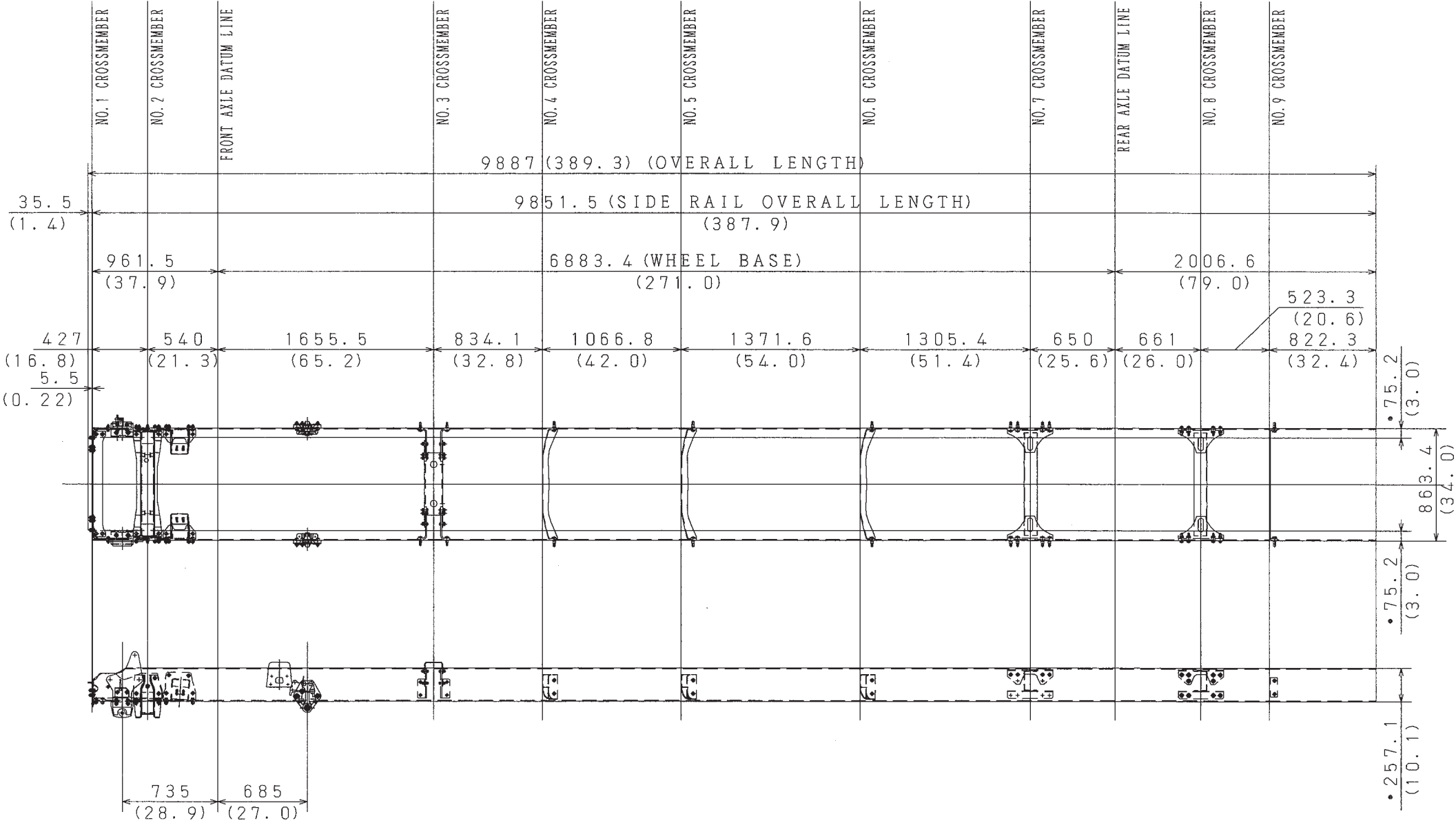


No. 9 CROSSMEMBER

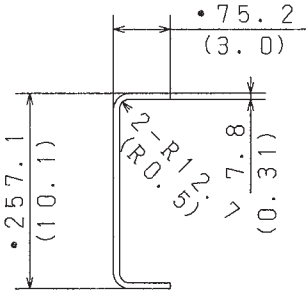
CHASSIS MODEL : NE8JVSG AND NJ8JVSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

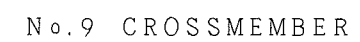
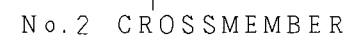
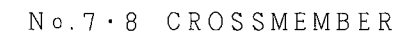
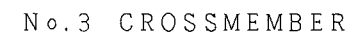
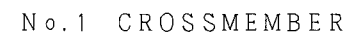


DETAIL OF FRAME END





## Unit : mm (in.)

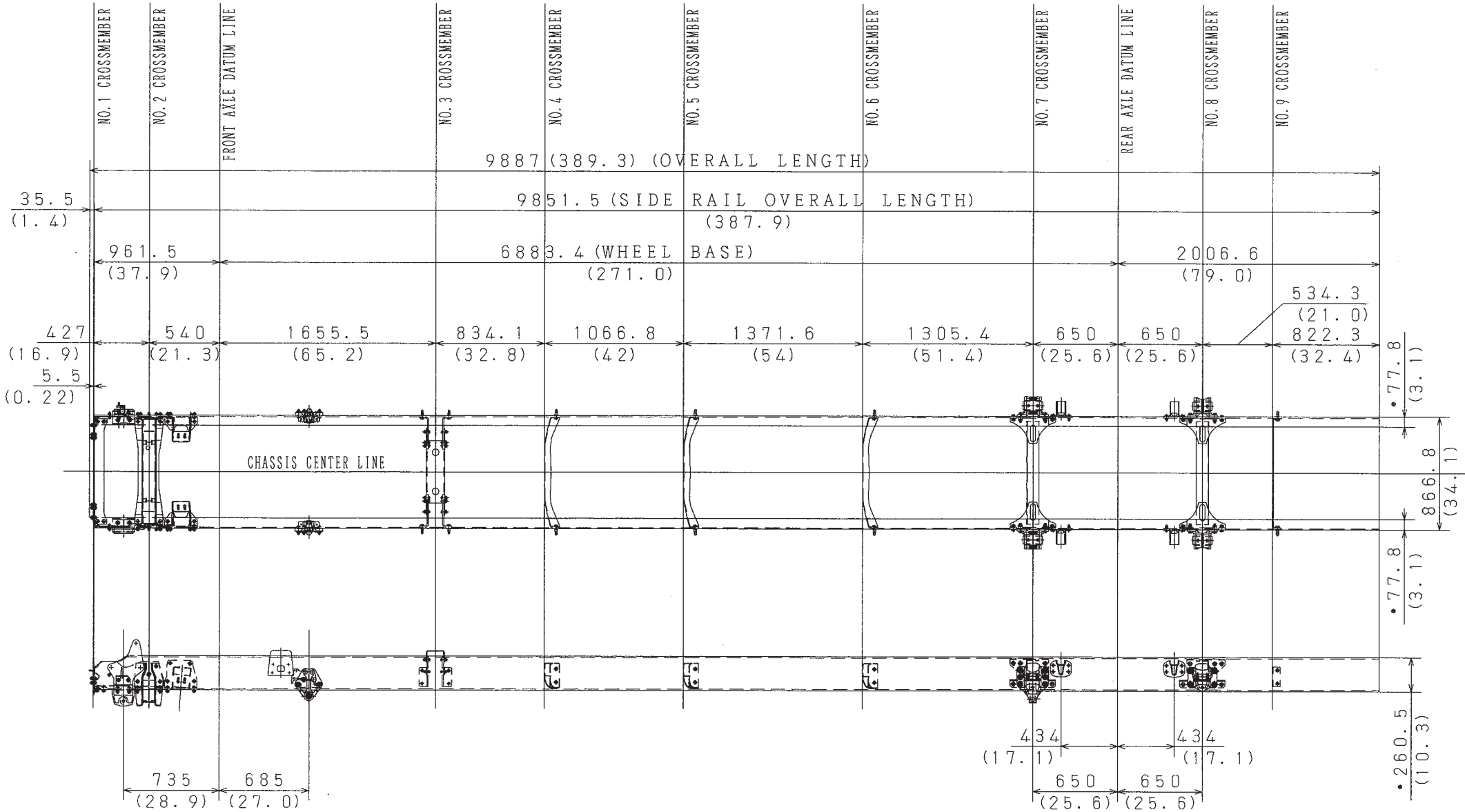


BM1847A6CND

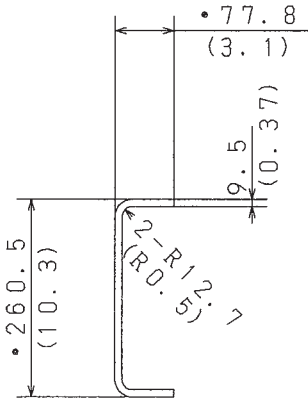
CHASSIS MODEL : NF8JVSA, NV8JVSA AND NH8JVSA

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

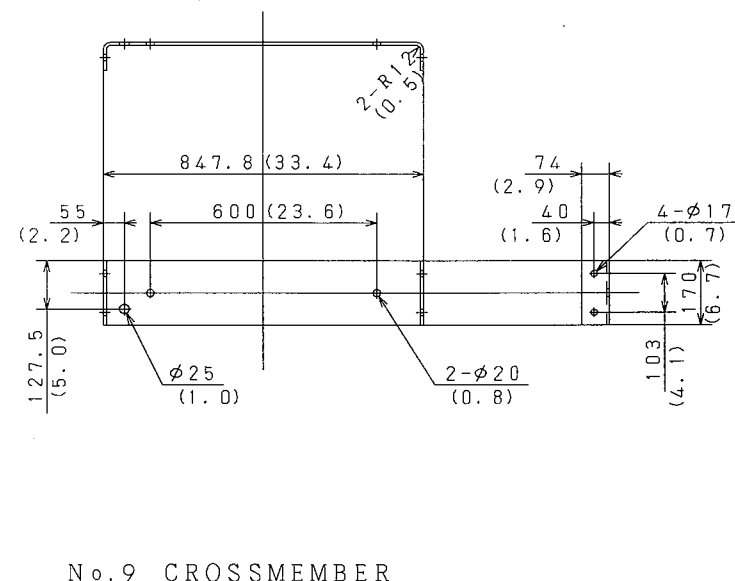
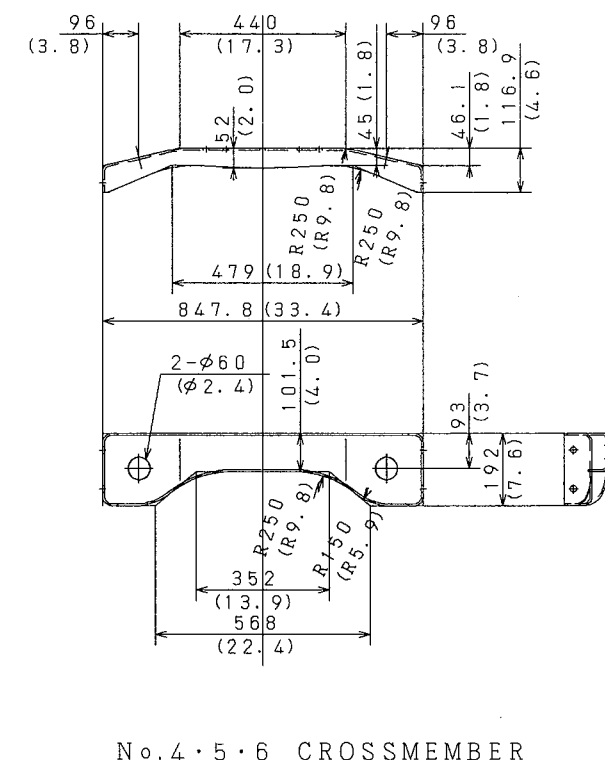
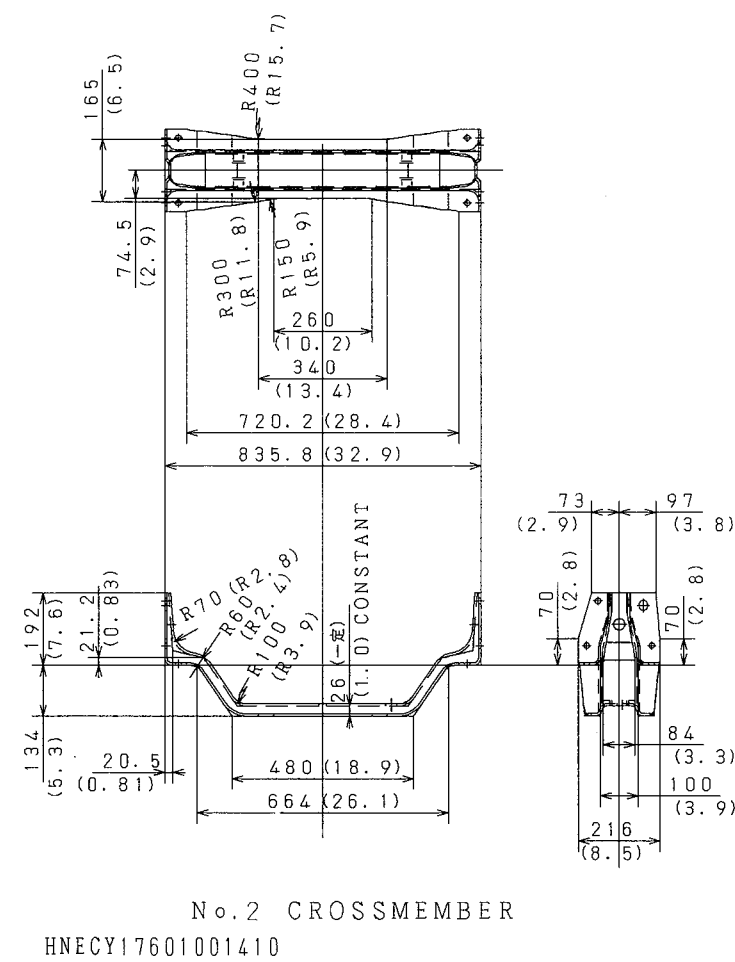
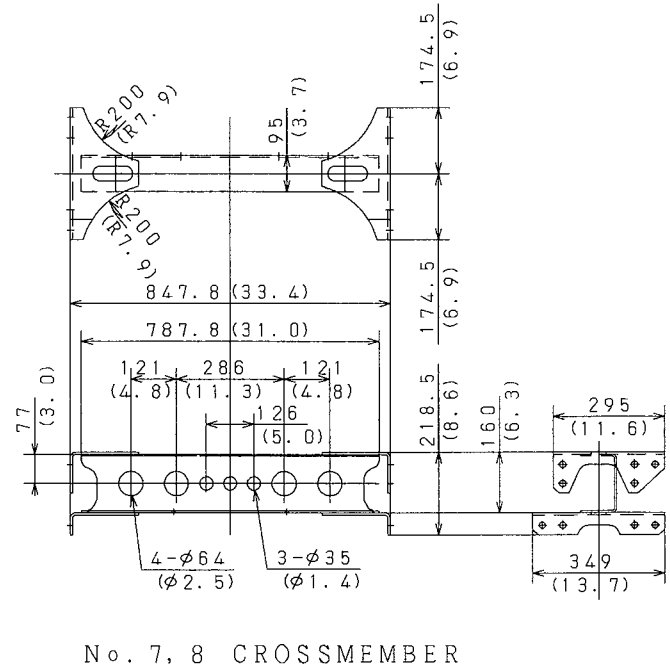
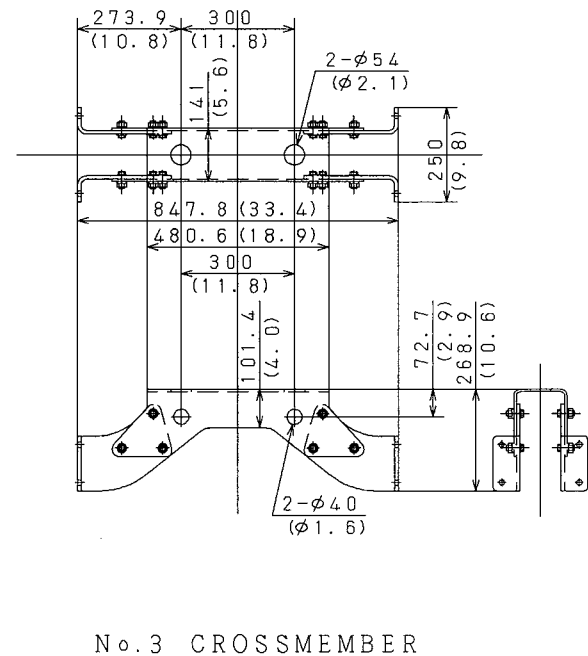
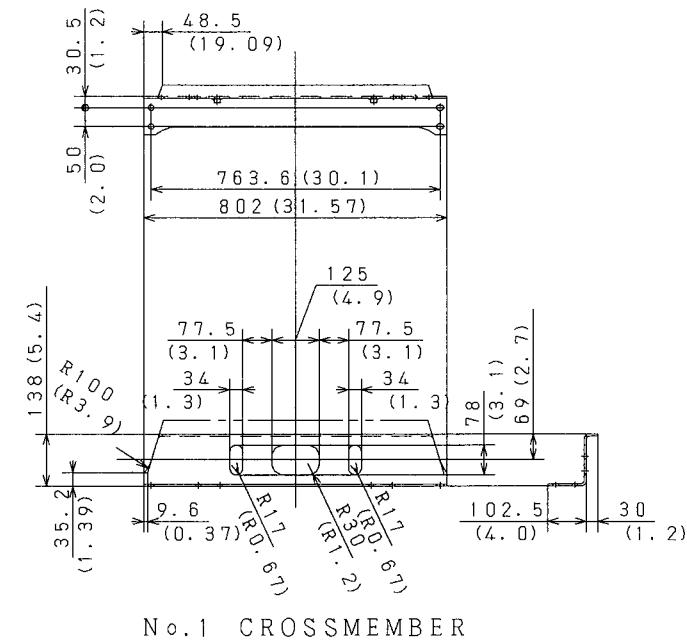


DETAIL OF FRAME END



2) DETAIL OF CROSSMEMBER

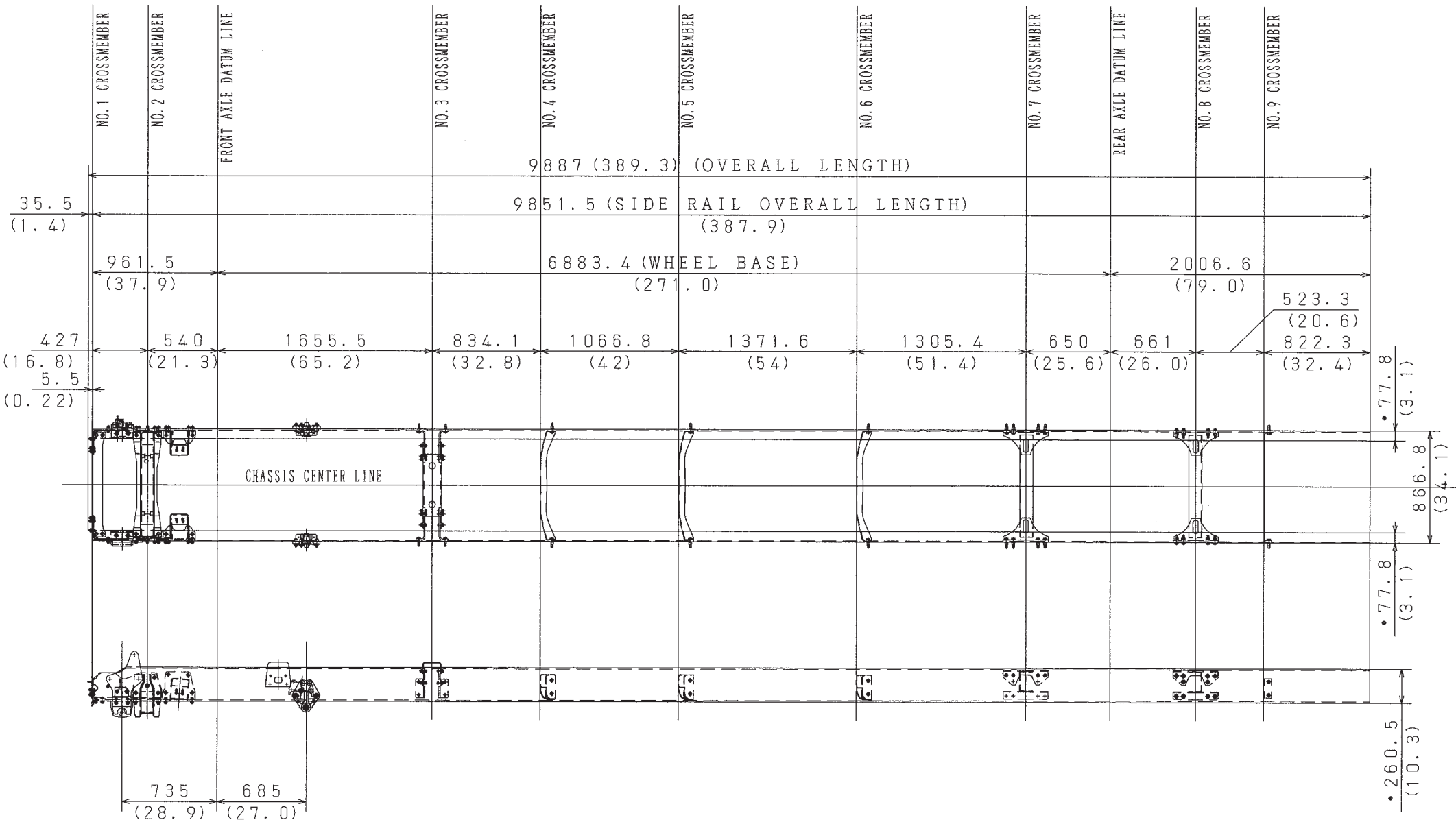
Unit : mm (in.)



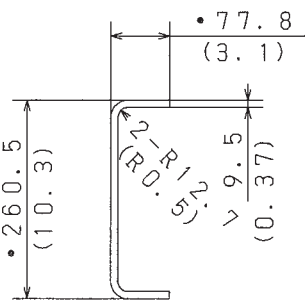
CHASSIS MODEL : NF8JVSG, NV8JVSG AND NH8JVSG

Unit : mm (in.)

1) DETAIL OF CHASSIS FRAME

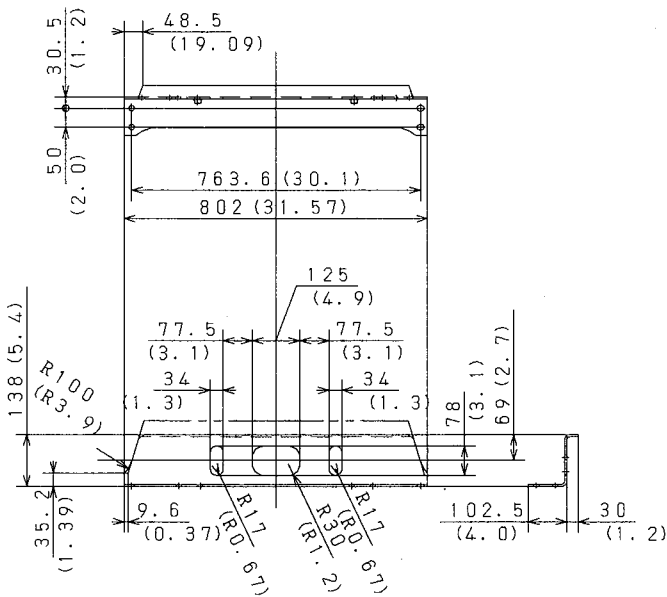


DETAIL OF FRAME END

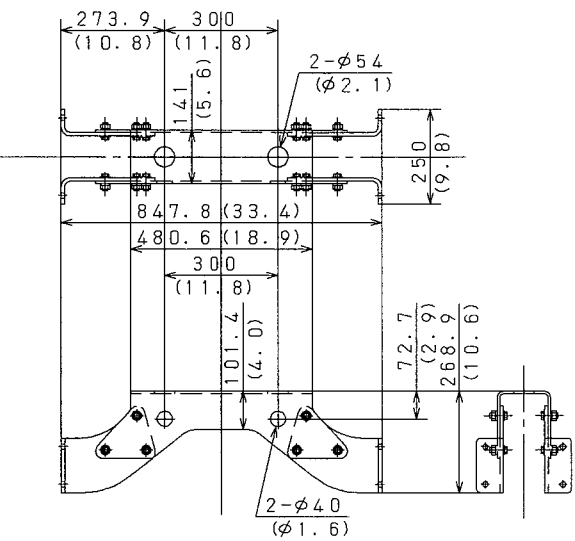


2) DETAIL OF CROSSMEMBER

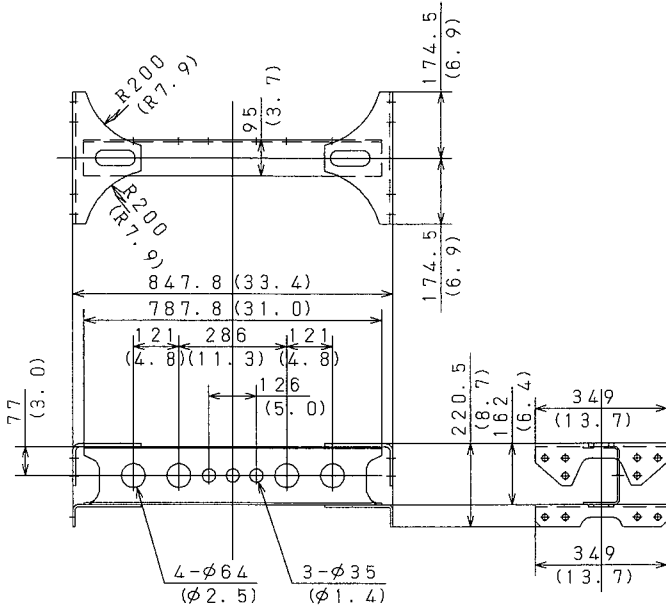
Unit : mm (in.)



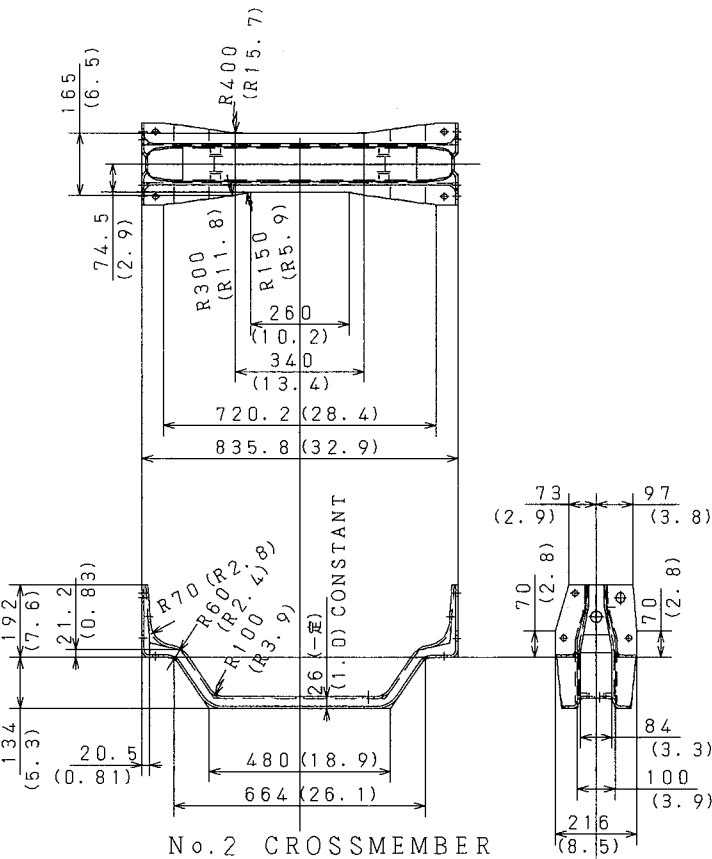
No.1 CROSSMEMBER



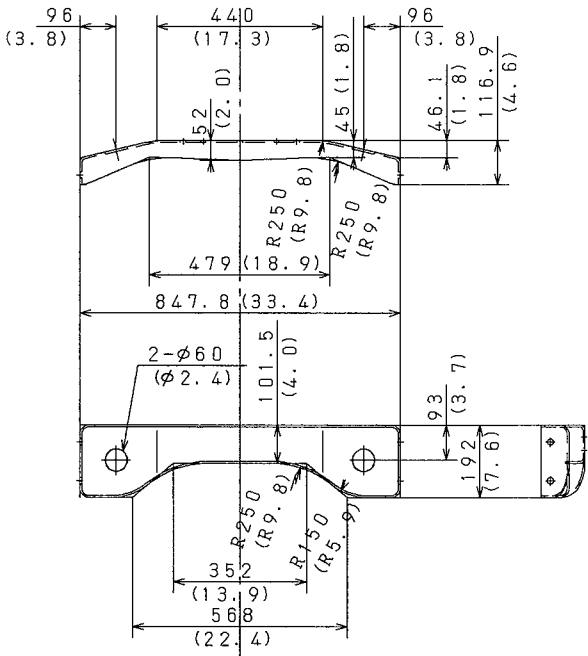
No.3 CROSSMEMBER



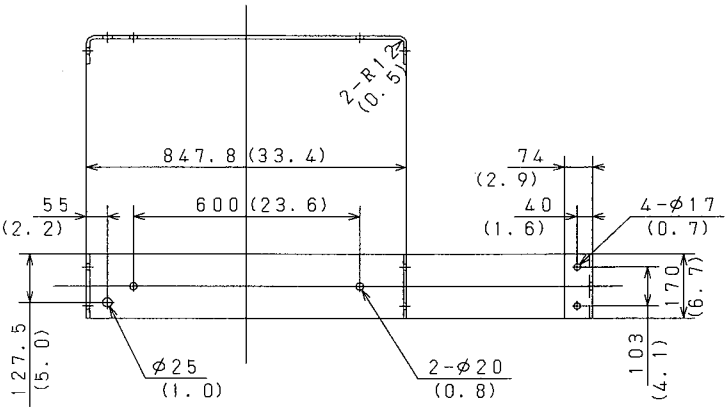
No.7-8 CROSSMEMBER



No.2 CROSSMEMBER



No.4-5-6 CROSSMEMBER



No.9 CROSSMEMBER

HNECY17601001425

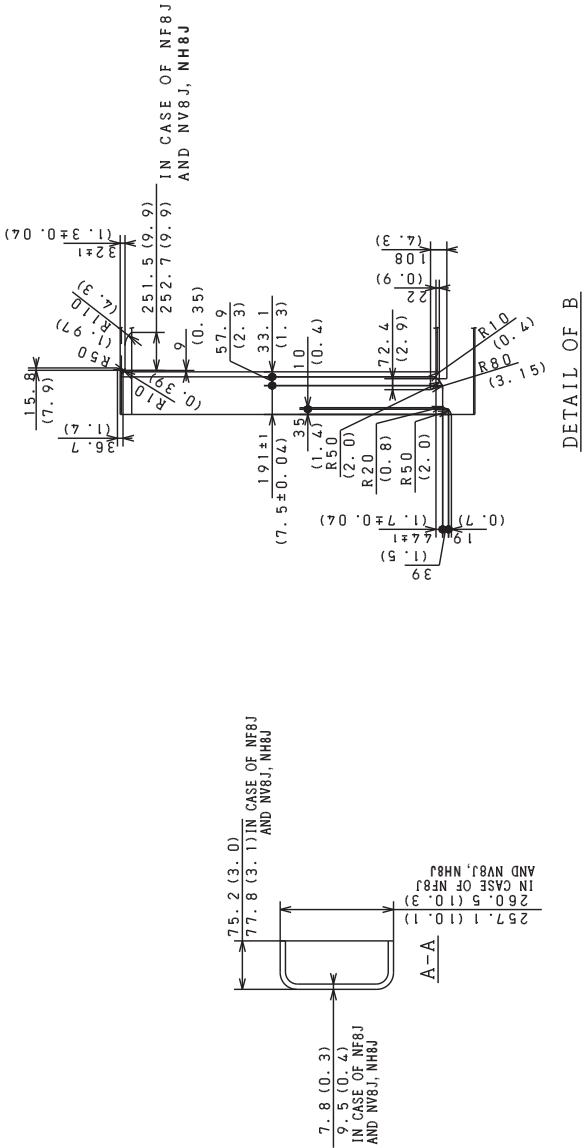
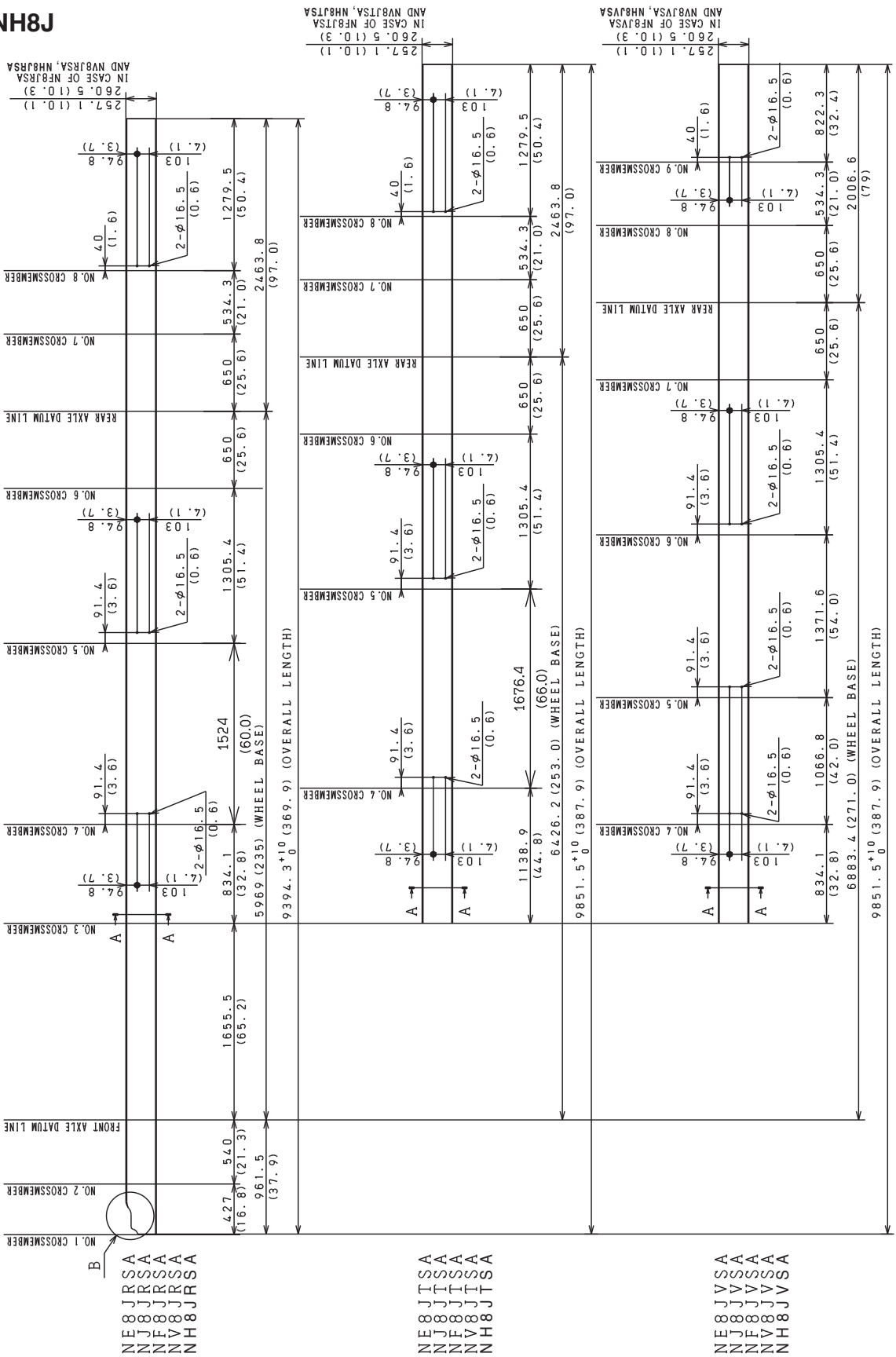
**MODEL : NE8J, NJ8J, NF8J, NV8J AND NH8J**

Unit : mm (in.)



MODEL : NE8J, NJ8J, NF8J, NV8J AND NH8J

Unit : mm (in.)





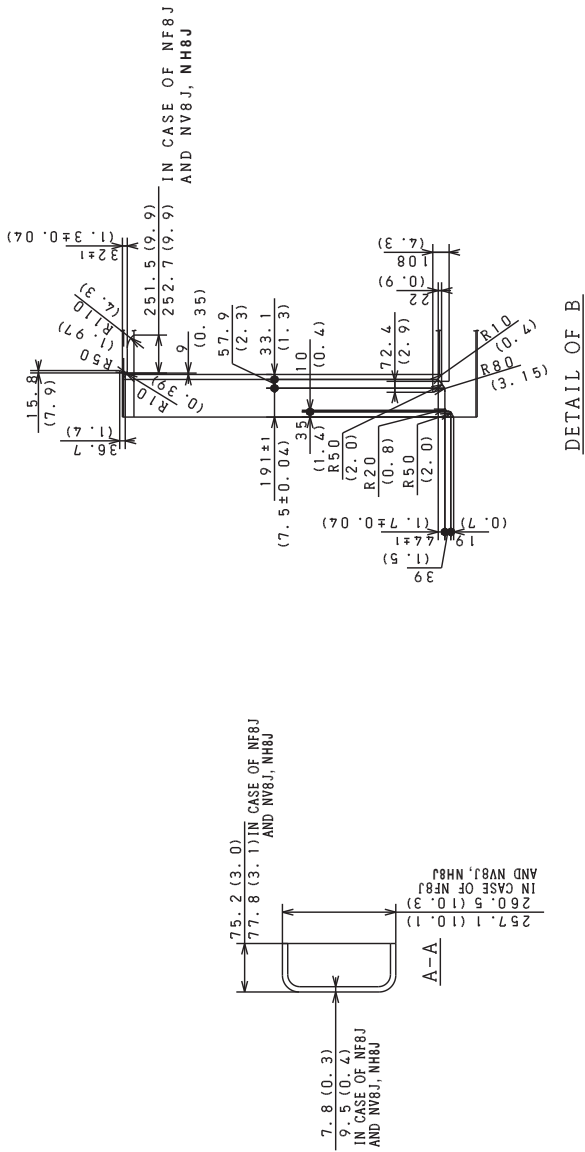
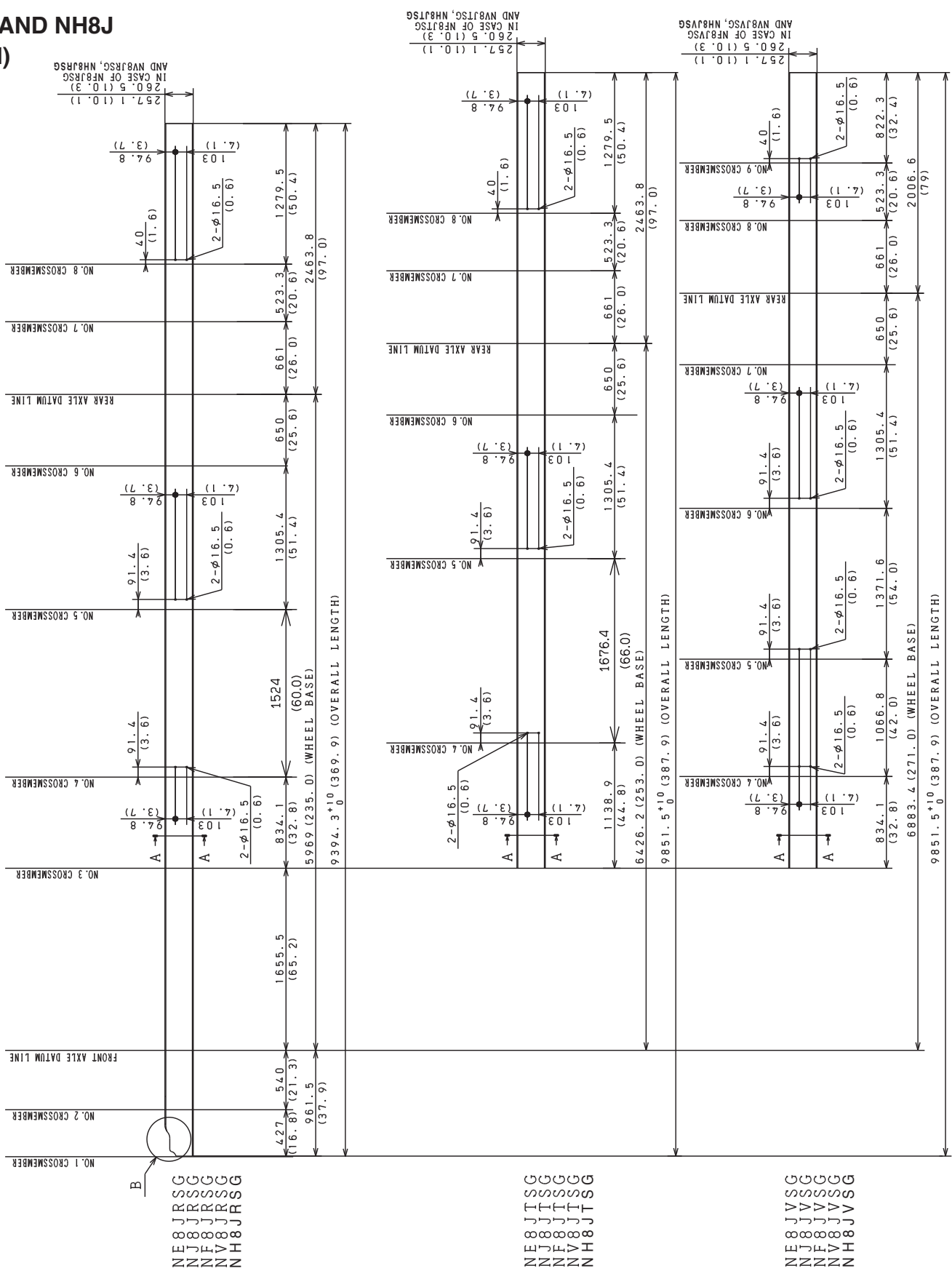
## Unit : mm (in.)





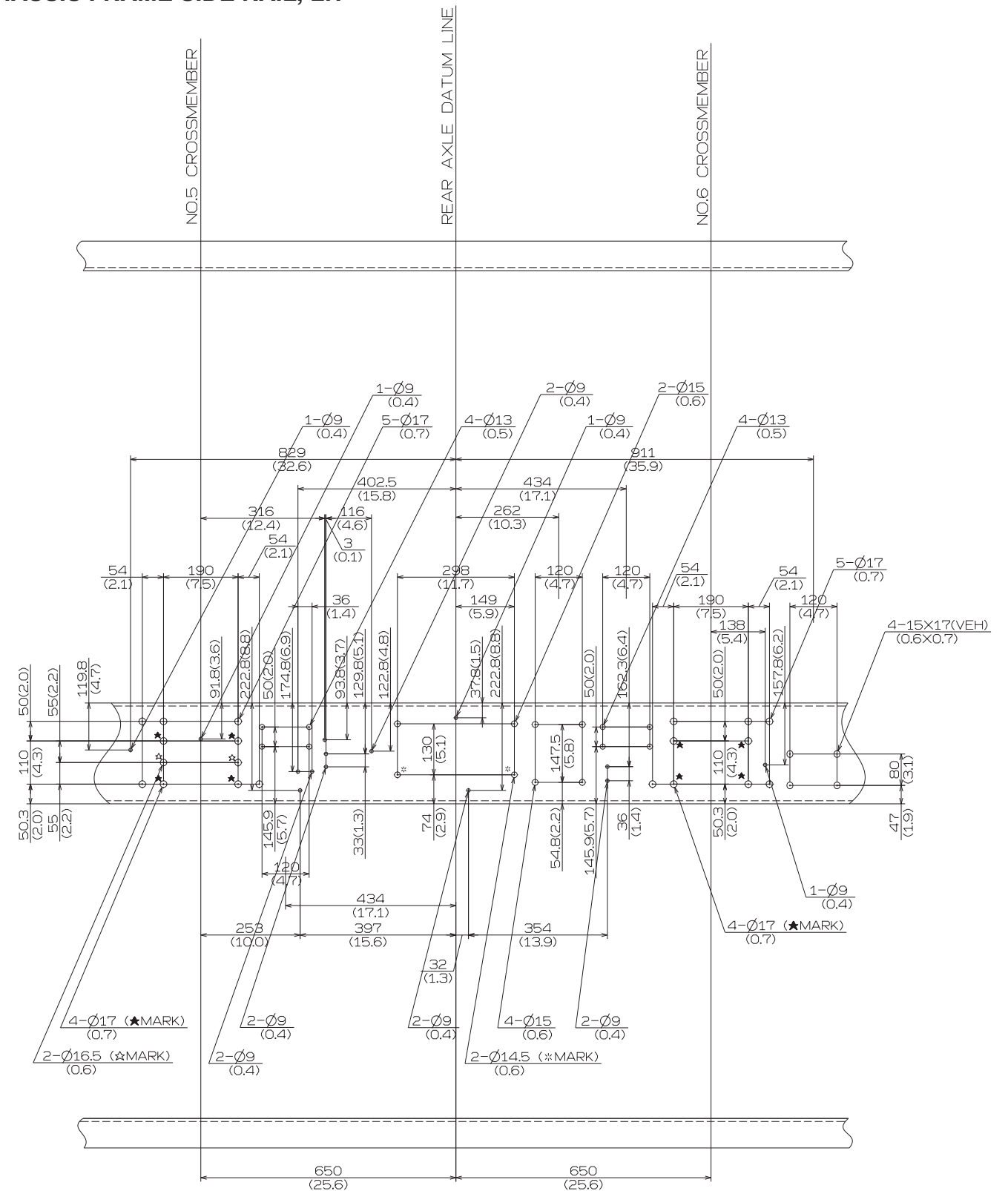
MODEL : NE8J, NJ8J, NF8J, NV8J AND NH8J  
(REAR AIR SUSPENSION)

Unit : mm (in.)



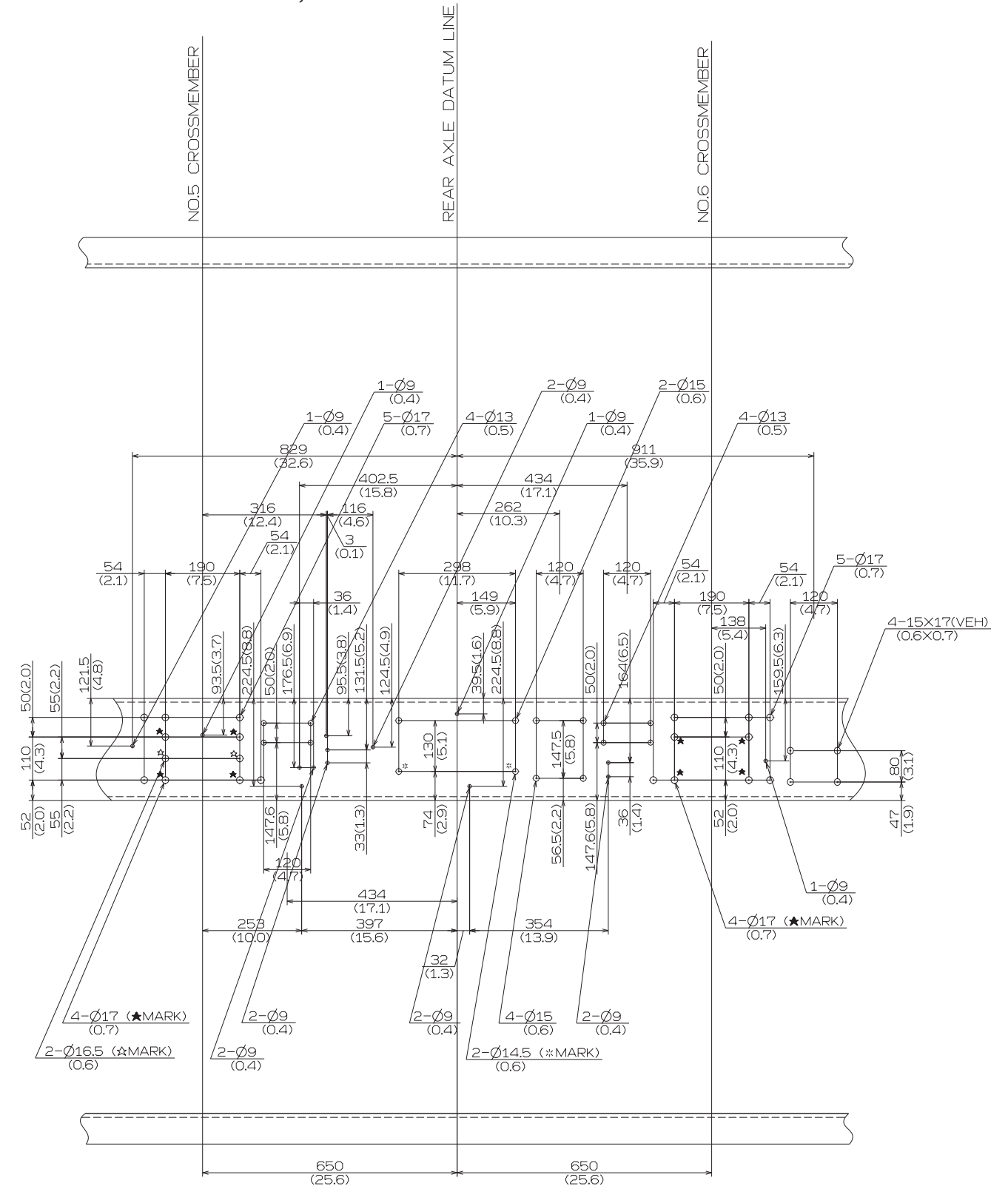
**CHASSIS MODEL : NE8J FOR LEAF SUS. WITH HYDRAULIC BRAKE SERIES  
{FRAME THICKNESS 7.8 mm (0.31 in.)}**

- CHASSIS FRAME SIDE RAIL, RH



## Unit : mm (in.)

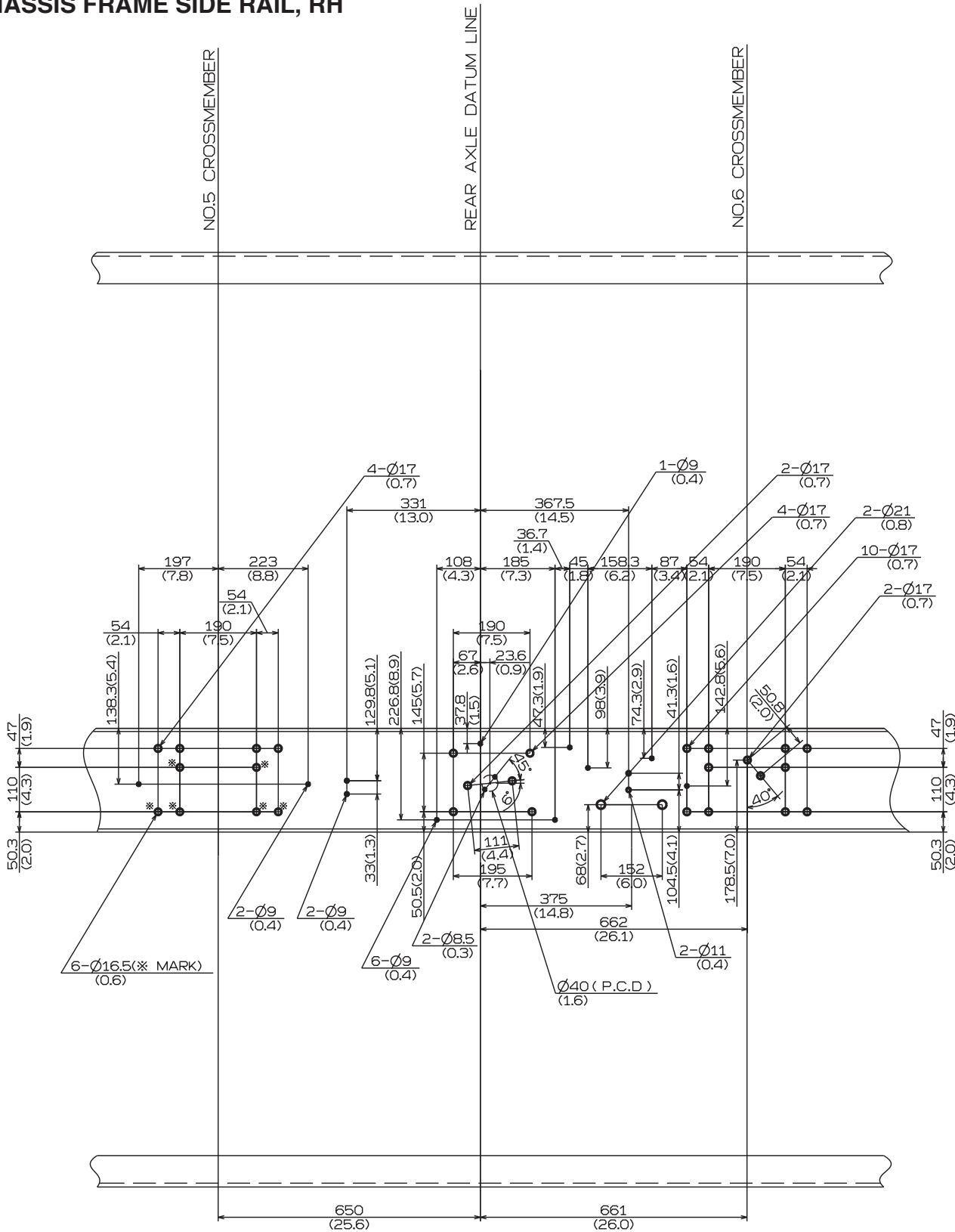
- CHASSIS FRAME SIDE RAIL, LH



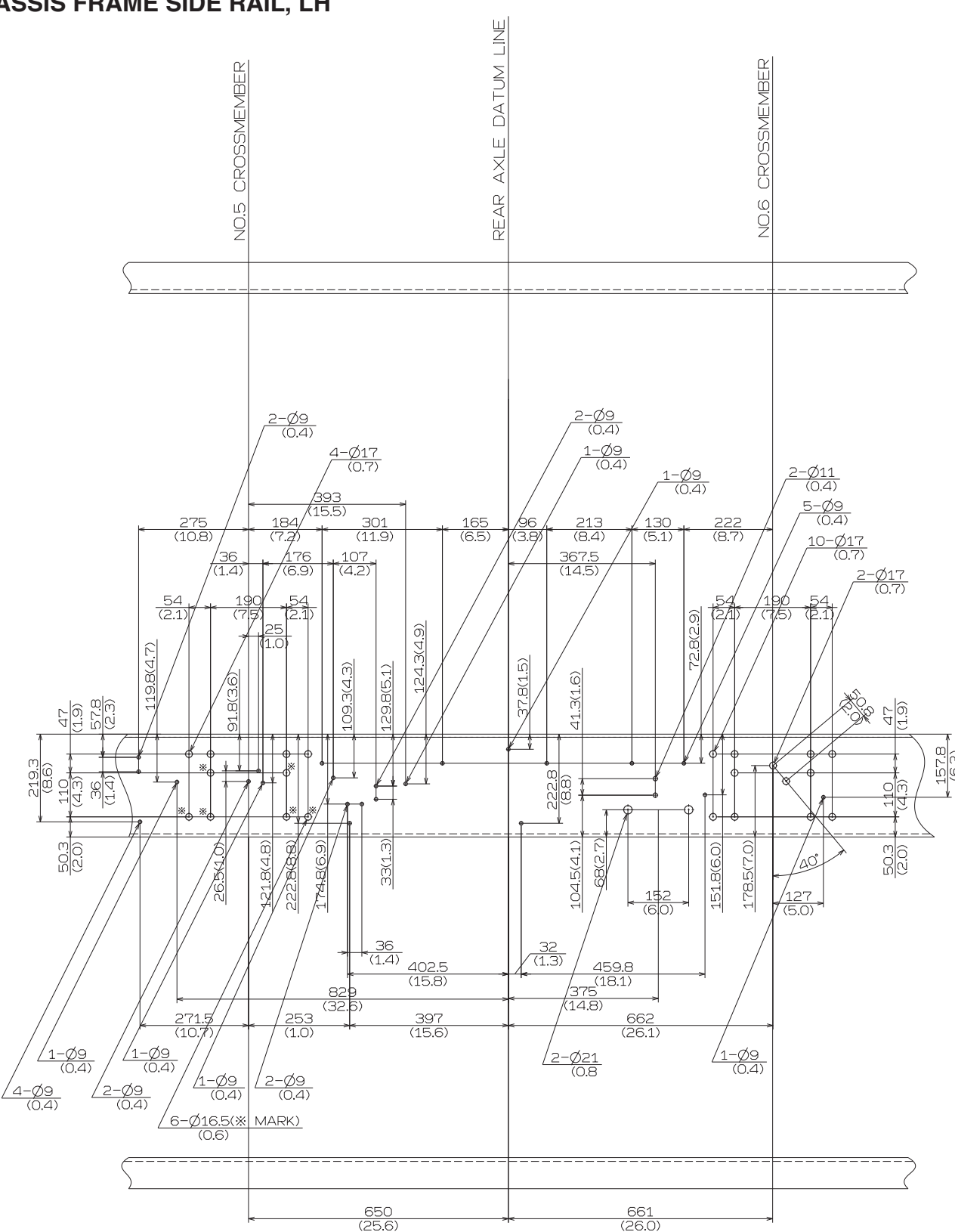
CHASSIS MODEL : NE8J FOR AIR SUS. WITH HYDRAULIC BRAKE SERIES  
{FRAME THICKNESS 7.8 mm (0.31 in.)}

Unit : mm (in.)

• CHASSIS FRAME SIDE RAIL, RH



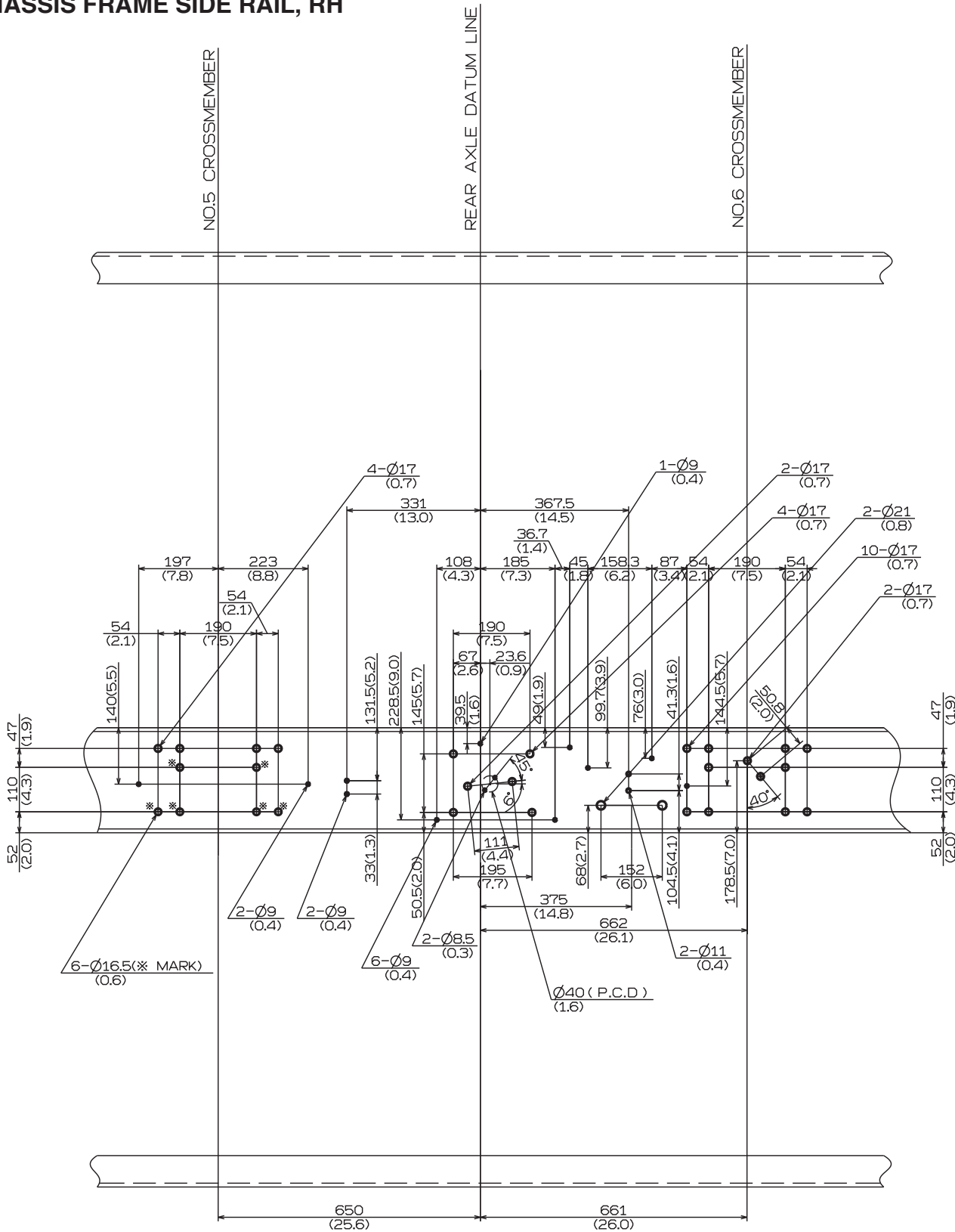
• CHASSIS FRAME SIDE RAIL, LH



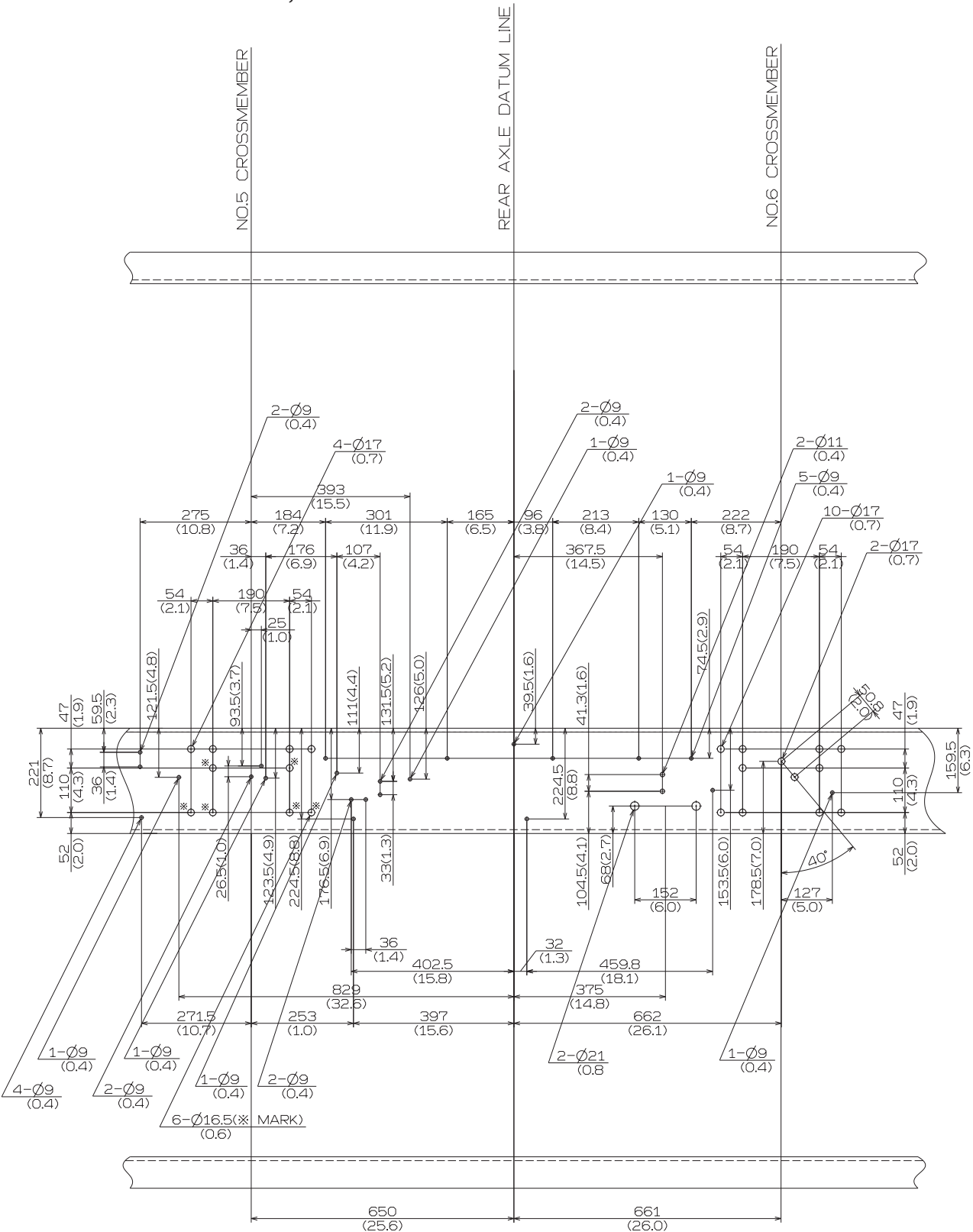
CHASSIS MODEL : NE8J AND NF8J FOR AIR SUS. WITH HYDRAULIC BRAKE SERIES  
{FRAME THICKNESS 9.5 mm (0.37 in.)}

Unit : mm (in.)

• CHASSIS FRAME SIDE RAIL, RH



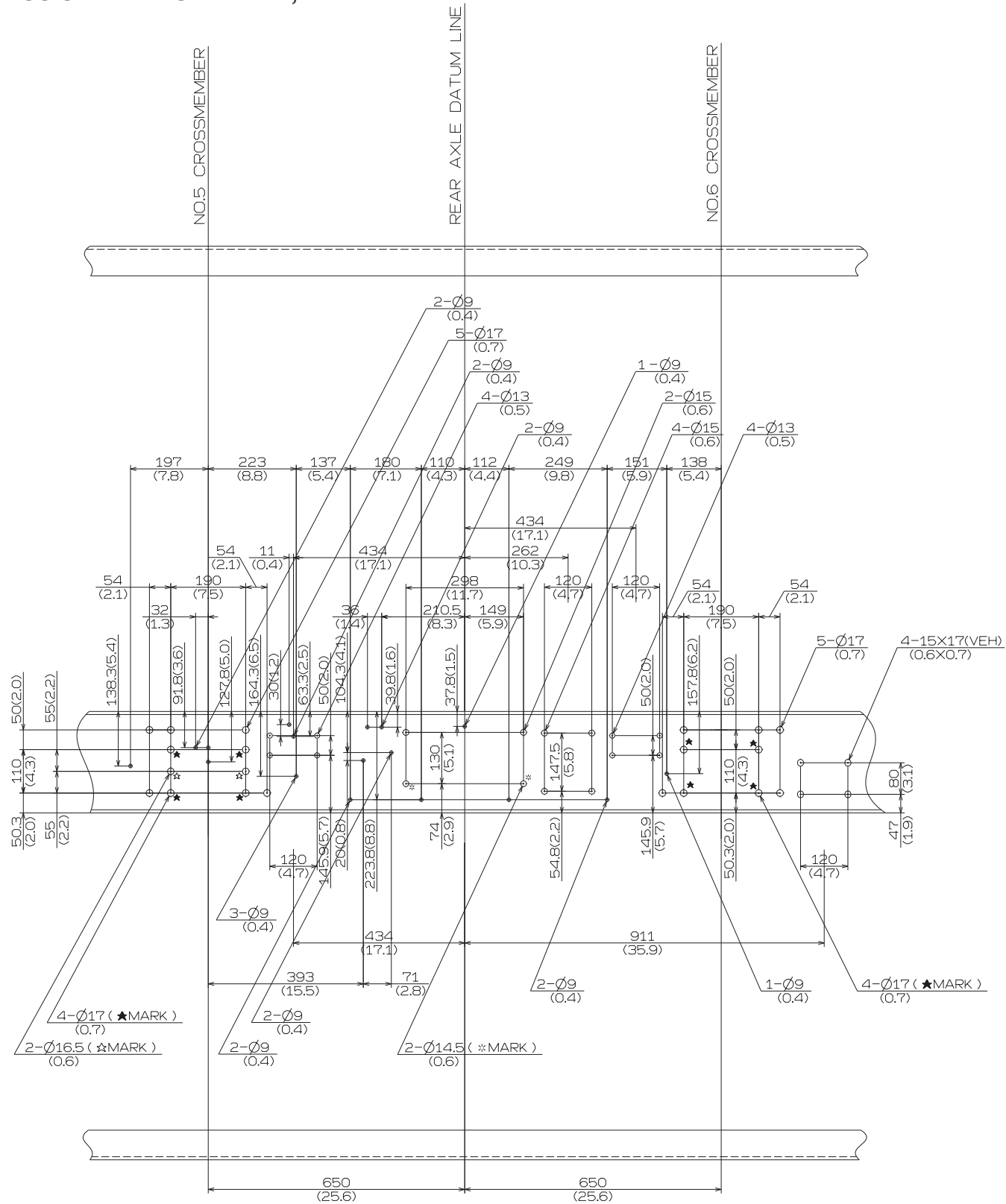
• CHASSIS FRAME SIDE RAIL, LH



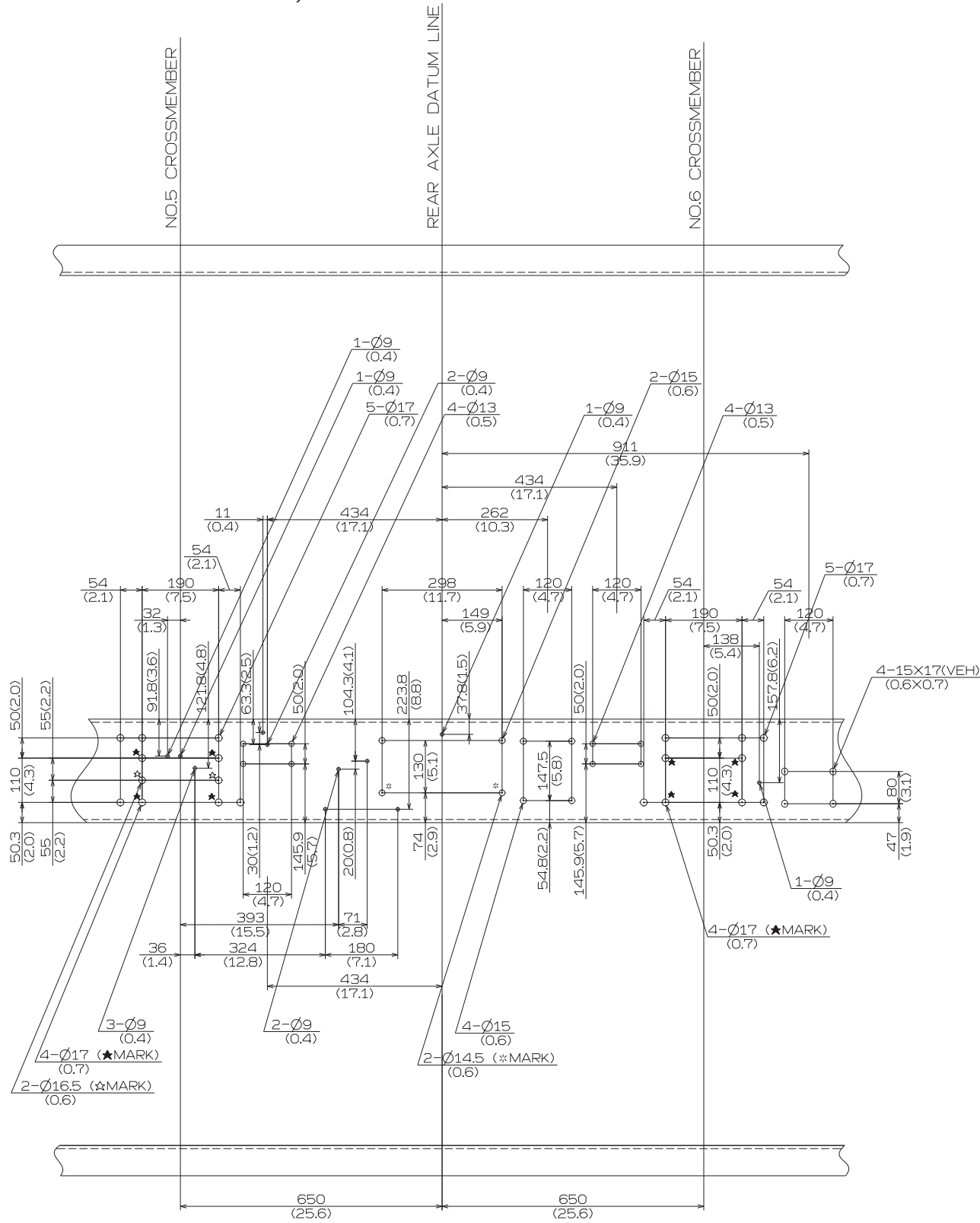
CHASSIS MODEL : NJ8J FOR LEAF SUS. WITH FULL AIR BRAKE SERIES  
{FRAME THICKNESS 7.8 mm (0.31 in.)}

Unit : mm (in.)

• CHASSIS FRAME SIDE RAIL, RH



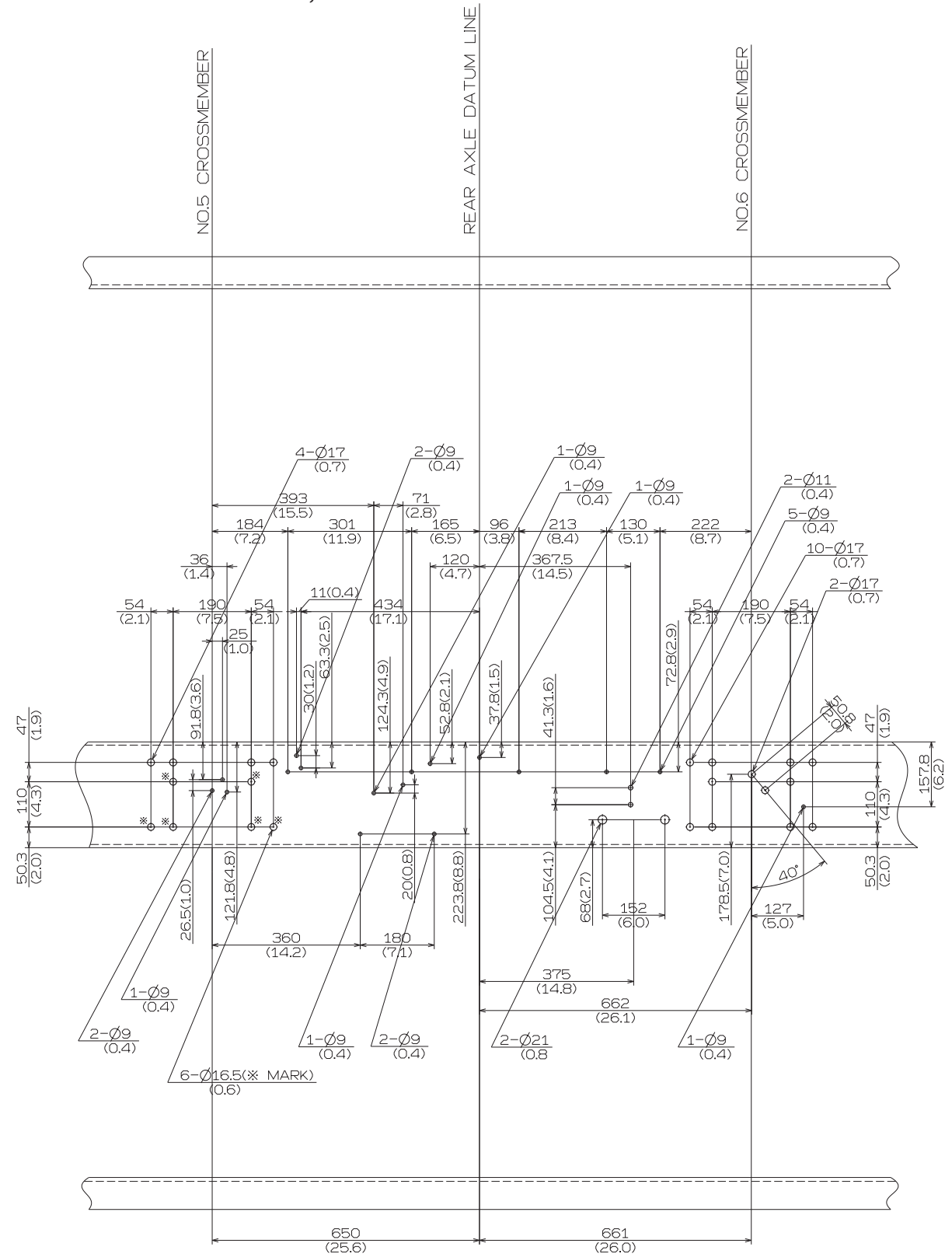
• CHASSIS FRAME SIDE RAIL, LH





Unit : mm (in.)

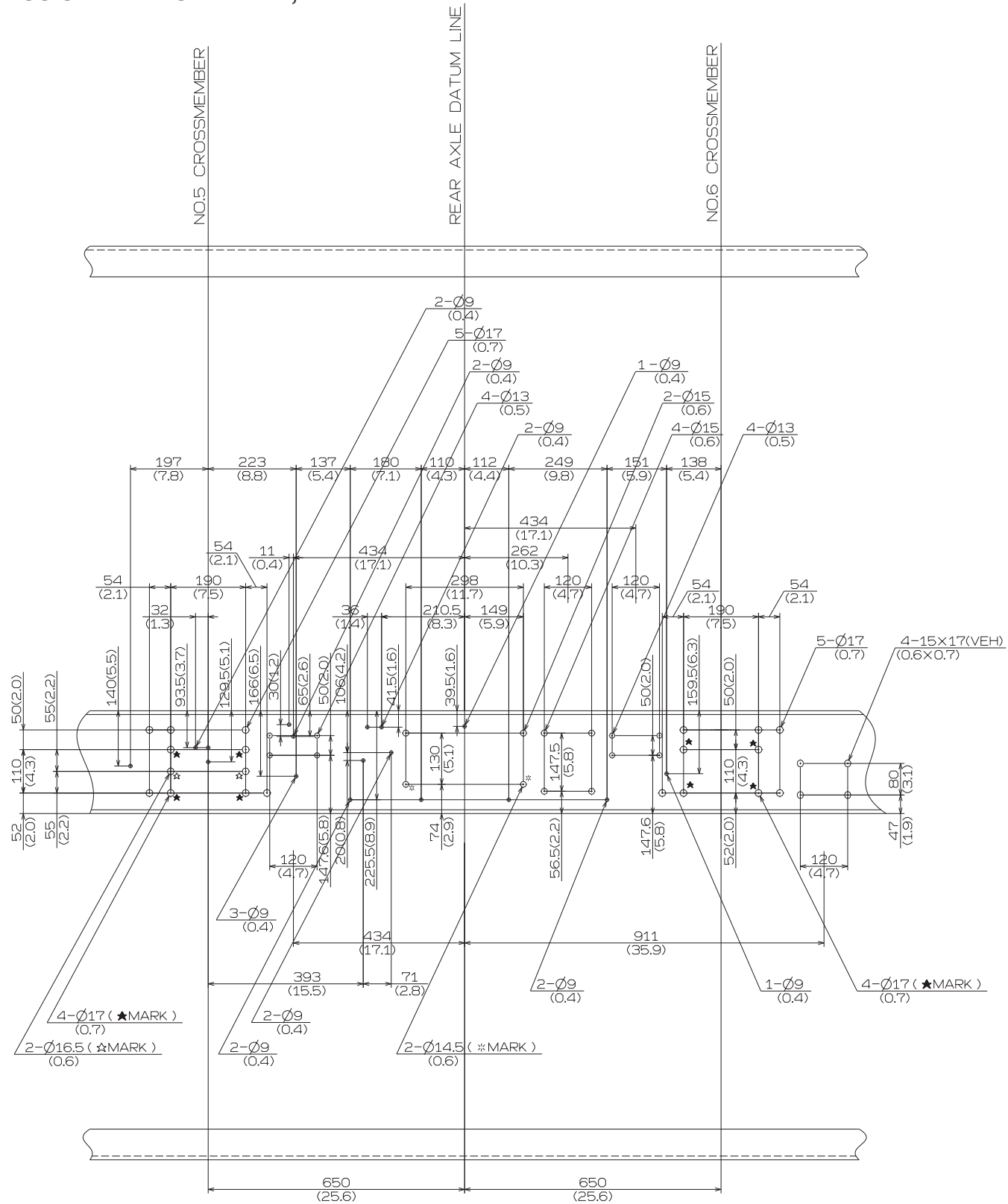
• CHASSIS FRAME SIDE RAIL, LH



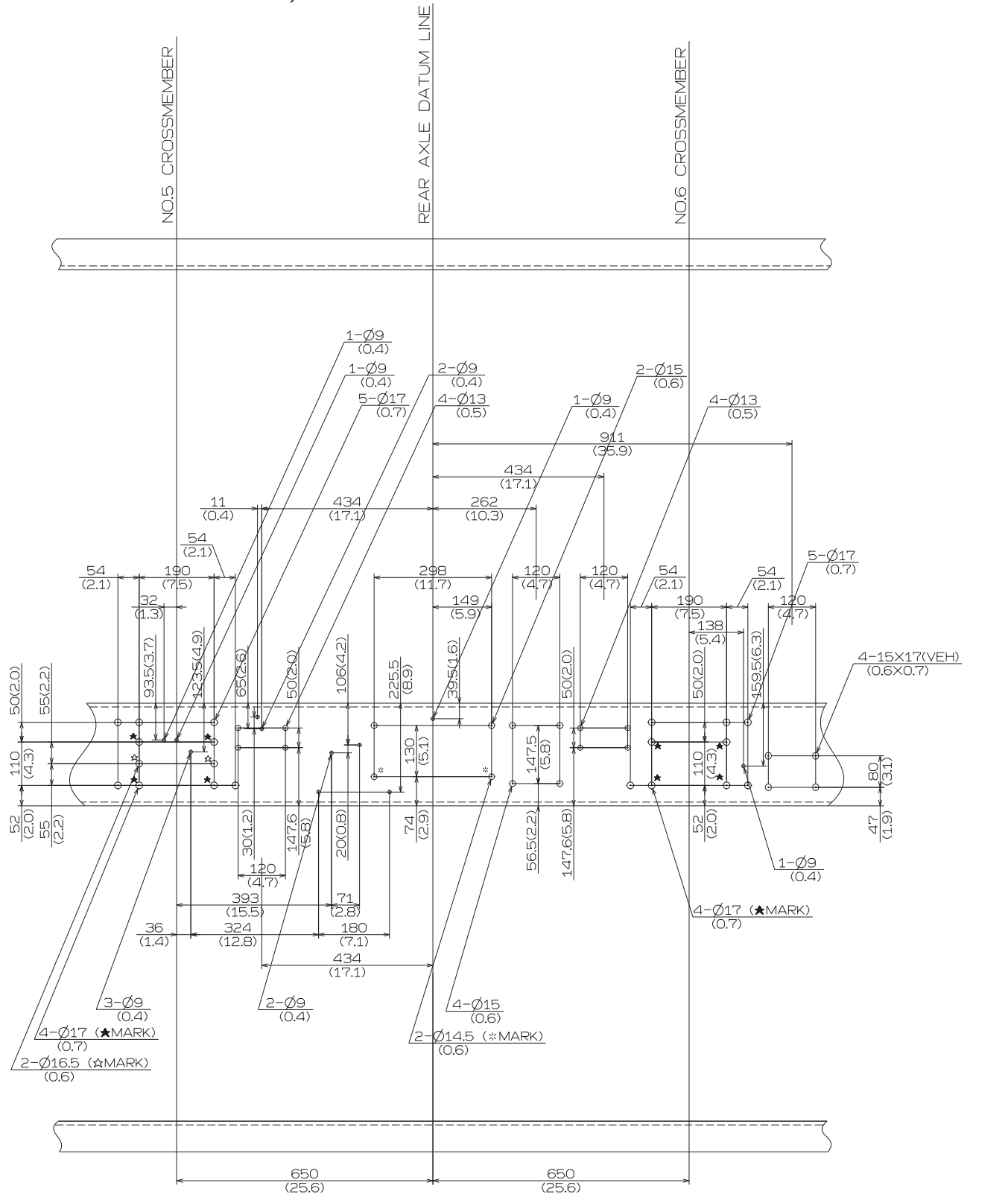
CHASSIS MODEL : NJ8J, NV8J AND NH8J FOR LEAF SUS. WITH FULL AIR BRAKE SERIES  
{FRAME THICKNESS 9.5 mm (0.37 in.)}

Unit : mm (in.)

• CHASSIS FRAME SIDE RAIL, RH



• CHASSIS FRAME SIDE RAIL, LH





Unit : mm (in.)

- CHASSIS FRAME SIDE RAIL, LH

