TECHNICAL SPECIFICATION

For

REFRIGERATED CONTAINER

20'x8'x8'6"

MGSS REEFER

(Flat-floor flush with door sill)

- POLYURETHANE INSULATION	(By CP Blowing Agent)
- ROOF AND SIDE PANEL	MGSS
- DOOR PANEL	MGSS
- FRONT AND REAR END FRAME	SPA-H
- FLOOR RAIL	ALUMINUM
- LINING: SIDE & DOOR	HGSS
ROOF	PRE-PAINTED ALUMINUM SHEET
- TOP & BOTTOM RAIL	SPA-H
- CORRUGATED BASE	SPA-H
- SCUFF LINER	ALUMINUM

Specification No.	**:**	**S- 2FP200901**
Model No.	**:**	**20BDP-002**
Drawing No.	**:**	**2FP210302**
Date of Issue	**:**	**Jan. 15, 2020**
Version No.	**:**	**A/2**
Revision Date.	**:**	**Mar.04,2021**

CONTENTS

1. General 3

2. Dimensions and Ratings 4

3. Materials 6

4. Construction 8

5. Preservation 11

6. Markings 12

7. Testing and Inspection 13

8. Guarantee 14

9. Revision list 15

1. General

1.1 Operational Environment

The container is designed and manufactured for the carriage of refrigerated (frozen, chilled) foodstuffs (excluding hung-chilled meat) and general cargo by land (on road or rail) and by sea (above or below deck) throughout the world with external temperature ranging from -40°C to +70°C without effect on the container strength and water-tightness. A mechanical refrigeration unit of a “one piece picture frame type" will be fitted to the front end frame. The container is designed with a refrigeration unit to maintain the inside space temperature at -18°C in ambient temperature up to+38°C.

1.2 Standards, Regulations and Rules

Containers shall refer to following:

1) ISO/TC-104
   668 Dimensions and ratings (1993 edition)
   1161 Specification of corner fittings (1990 edition/ Cor.1.: 1990)
   1496⁄2 Specification and testing, thermal containers (1996 edition)
   6346 Coding, identification and marking (the third edition 1995)
   3874 Freight Containers, Handling and Securing (1997 edition)
2) TIR requirements and certificate.
3) Timber components treatment and certificates.
   There will be no exposed timber in the construction.
4) CSC requirement and certificates.
   In compliance with “International Convention for Safe Containers”.
5) Classification Society: All containers will be certified by .

1.3Handling

The container will be constructed to be capable of being handled without any permanent deformation, which will render it unsuitable for use or any other abnormality during the following conditions:

1) Lifting, full or empty, at the top corner fittings vertically by means of spreaders fitted with hooks, shackles or twist locks.
2) Lifting, full or empty, at the bottom corner fittings using slings with appropriate terminal fittings at slings angle of forty-five (45) degrees to horizontal.
3) Lifting, full or empty, at two fork pocket by fork lift truck.

1.4Transportation

The container shall be constructed to be suitable for transportation for the following modes without any permanent deformation which will render the container unsuitable to use or any abnormality.

1.4.1 Marine - In the ship cell guides: Nine (9) high stacked (based on 27,000kg); on the deck: 4high stacked and secured by vertical diagonal lashings.

1.4.2 Road - On flat bed or skeleton chassis, secured by twist locks or equivalent ones at the bottom corner fittings.

1.4.3 Rail - On flat cars of special container cars secured by twist locks or equivalent ones at the bottom corner fittings.

2. Dimensions and Ratings

2.1External dimension

Length	6,058	mm	(0,-6)
Width	2,438	mm	(0,-5)
Height	2,591	mm	(0,-5)

2.2 Internal dimension (Nominal)

Length	5,462	mm	(0,-12)
Width	2,290	mm	(0,-10)
Height	2,286	mm	(0,-10)
Cargo access height	2,230	mm	(0,-10)

2.3 Door Opening (Nominal)

Width	2,294	mm	(0,-5)
Height - at sill	2,238	mm	(0,-5)

2.4Forklift Pocket

Width	360	mm
Height	115	mm
Center distance	2,050	mm

2.5 Inside Cubic Capacity (Nominal)

28.6 m^3 (1,010cu.ft.)

2.6Rating

Max. Gross Weight	30,480	kg	67,200	lb.
Tare weight (excluding Ref. Unit)	2,450	kg±2%	5,400	lb.
Tare weight (Including Ref. Unit： 380 kg)	2,830	kg±2%	6,240	lb.
Payload	27,650	kg	60,960	lb.

2.7Insulation

Item	Thickness	Core Density
Roof	80 mm	40-45 kg/m^3
Side Walls	63.5 mm	45-50 kg/m^3
Door Panels	74 mm	50-55 kg/m^3
Floor	76/111 mm	50-55 kg/m^3
Corner		40-45 kg/m^3

Polyurethane foam with Cyclopentane (non-CFC) blowing agent.

2.8Heat leakage value

*To be determined after prototype test.
Umax = 28 kcal/deg.c.hr (32.5W/K) at 20°C (293k) mean wall temp.
(including reefer unit)

2.9Air leakage

*To be determined after prototype test.
Qmax = 15 cu.m/hr measured at 25.4±1mm WPG inside.

3. Materials

3.1 Main materials

Part	Materials
Front & rear corner post Front header & sill Rear header & sill Forklift pocket Top & bottom side rail Front & rear double plate Side post Subfloor	SPA-H or equivalent
Side, roof and door panel Clip on device angle Hinge lug Roof bow Side stringer	MGSS
Generator fitting nut Hinge pin Data plate	SUS304
Side lining Door lining	HGSS
Corner fitting	SCW480
Roof lining Rear-top lining Front-top lining Front-side lining Front-bottom lining	AA5052-H44/H46
Floor rail & floor bow Rear-side lining Scuff liner Corner cover	AA6061-T6
Roof stringer	AA6063-T5
Rear corner post inner (flat bar)	SM490A
Door hinge	SS400 (HDG)
Door holder	Nylon
Locking rod	Q235B or equivalent
Insulation tape	Electrolytic buffer of P.E. or P.V.C.
Foam tape	Adhesive of P.V.C.
Insulation foam	1) Rigid polyurethane foam 2) Blowing agent : CP
Exposed sealer	MS (inner) FDA compliant Silicone (outer)
Hidden sealer	Butyl

3.2 Mechanical Properties

Material	Yield point (N/sq.mm)	Tensile strength (N/sq.mm)
SPA-H	355	490
SS400	245	400
SM490A	280	490
MGSS	195	360
HGSS (SUS304)	205	520
HGSS(BNDDQ)	250	600
HGSS(BN4)	250	600
SCW480	275	480
AA5052-H44	130	230
AA5052-H46	180	250
AA6063-T5	150	175
AA6061-T6	240	260
Forged steel	270	450
Q235B	235	440

The metallic material thickness tolerance shall comply with JIS relevant standard.

4. Construction

4.1 General construction

The container will be constructed of steel parts, which are rear and front frame, insulated side with corrugated outer panel and inner lining, insulated base with aluminum flat floor rail and corrugation subfloor, insulated roof is constructed of outer panels and inner lining with corrugations, insulated door with outer panel and corrugated inner lining, and ISO corner fittings. Refrigeration unit will be installed to the front end frame.

4.2 Base frame

The base frame is composed of corrugation type steel base frame and aluminum flat floor with Insulation polyurethane.

1) Forklift pocket	:	Two pieces of 4.0mm thick pressed hat section with 6.0mm lower plate.
2) Subfloor	:	1.6mm thick SPA-H corrugated panel welded to the bottom side rail.
3) Bottom side rail	:	4.0mm thick upper with 3.0mm reinforcement angle, and 4.0mm lower cold rolled steel. Welded 4.0mm thick reinforcement plate Between bottom side rails and fittings.

4.3 Floor

1) Floor board	:	30mm high aluminum extruded flat floor flush with door sill.
2) Floor bow	:	4 pieces of Aluminum extruded "I" section floor bows shall be stitch welded to the underside of floor board.
3) Floor filler	:	6 pieces of PE fillers located between rear end of floor and base panel.

4.4 Front end frame

Front end frame is composed of steel members, which is constructed so that refrigerating unit and generator device can be fitted.

1) Front top rail	:	4.0mm thick pressed profile.
2) Front bottom rail	:	Welded construction with 4.0mm thick pressed profile with three (3) pieces 4.0mm thick stiffeners.
3) Corner post	:	Welded construction with 6.0mm thick outer and 3.0mm thick inner pressed profile.
4) Double plate	:	4.0mm thick rectangular plates.

4.5 Rear end frame

Rear end frame is composed of steel frame members, which is constructed so that a set of door can be fitted.

1) Door header	:	Welded construction with 4.0mm thick outer and 4.0mm thick inner, and 4 pieces of 4.0mm vertical gusset plates welded behind of cam keepers. 3.0mm thick angle steel riveted to the inner header for mounting the curtain.
2) Door sill	:	Welded construction with 6.0mm thick outer, 4.0mm thick inner angle plate, 4.0mm thick horizontal support plate and 4 pieces of 4.0mm vertical gusset plates welded behind of cam keepers. The lower flange of the sill near to corner fitting is provided with channel section cut-outs for damage protection.
3) Corner post	:	Welded construction with 6.0mm thick outer and 6.0mm inner, and with 12mm thick rein. plate.
4) Double plate	:	4.0mm thick rectangular plate.

4.6 Door panel

The small door is in the right side door, with a safety lock which can opened form outer or inner. Rear door is composed of 1.6mm thick MGSS panel and corrugated BN4 or ZPHD4 inner lining with polyurethane insulation, which is capable of swinging 270 degree when opened. A door TIR plate is installed which is designed to prevent left hand door from opening before right hand door according to T.I.R. requirements.

1) Door panel	:	(1) outer - 1.6mm thick MGSS sheet. (2) inner member - SPA-H pressed section.
2) Door gasket	:	(1) outer gaskets - EPDM Large "C" section. (2) inner gaskets – EPDM double lips.
3) Locking gears	:	FW-LR61R or equivalent type, Easy to open the door lock rod or eq., With anti-theft handle & secure cam & keeper on R/H center locking rod at bottom end., Hot-dip galvanized 75 μ.
4) Door hinge	:	Eight (8) hot dip galvanized steel hinge with bronze bushes and stainless steel washers.
5) Hinge pin	:	Φ12.2mm SUS304 HGSS bar fixed by flaring.
6) Door lining	:	0.7mm thick HGSS(BNDDQ/BN4) sheet, with 12mm deep pressed corrugations.
7) Hinge lug	:	6.0mm thick MGSS plate.
8) Door holdback	:	Nylon rope.

4.7 Side wall

1) Outer cladding	:	1.0mm thick MGSS with die stamped corrugations, welded together by TIG method.

2) Inner lining : 0.7mm thick HGSS(BNDDQ/BN4) with deep inverted battens, welded together by TIG method.
3) Top side rail : 4.0mm thick cold rolled section with chamfered top edge.
4) Side post : 3 pieces of 4.0mm and 2 piece of 1.6mm each side, SPA-H, pressed hat section, bonded or spot-welded to side panel.
5) Side stringer : 4pieces each side, 0.8mm pressed hat section, MGSS, bonded or spot-welded to side lining.
6) Scuff liner : 400mm high, aluminum extrusion.

4.8 Roof

1) Outer cladding : 1.0mm thick end panels and 0.8 mm thick main panels, MGSS with die-stamped corrugations, welded together by TIG method.
2) Lining : 0.8mm thick pre-painted clear or white aluminum sheet with small bead corrugations, be jointed by pressing and reinforced by AL roof stringers.
3) Roof bow : 3 pieces of 0.8mm pressed MGSS hat sections spot-welded to roof panel.
4) Roof stringer : 4 pieces of aluminum hat shaped extruded Aluminum profiles clipped with roof lining.

4.9 Unit mounting

The unit mounting shall be designed in accordance with the reefer machinery manufacturer's mounting requirements.

4.10 Edge Covers

All inner edges are covered by aluminum, PVC sections. All will be sealed, riveted or glued to the inner lining.
Aluminum extrusion profile is fixed to the corner between side lining and roof lining.

4.11Particular attachment

1) Floor drain
   Two(2) auto drains are provided at each front and rear end (Total 4).
2) Generator set mounting receptacles
   Front corner post and front top rail fitted with receptacles and brackets for mounting clip-on generator set.
3) Two(2) recessed type lamps(DC 24V,LED)on the roof and one (1) switch on the Right hand inside.
4) Two (2) lashing ring per side on scuff lining .
5) PVC Curtain
   Sliding curtain is provided at rear end.

5. Preservation

5.1 Surface Preparation

5.1.1 Prior to assembly

1) All steel components, prior to painting, shall be shot blasted to Swedish Standard Sa2.5 to remove rust, mill scale, etc.
2) All stainless steel components, prior to painting, are to be cleaned to remove all oil and dirt etc.
3) Locking rod ass'y which are welded with gear cams, bars, holders and handles, hinges are hot dip galvanized (thickness: Min. 75 microns).

5.1.2Insulation foam contact surfaces

1) Main foaming area and bare aluminum plate
   Adhesive primer or hot melt adhesive will be applied to the insulation foam contacting surfaces for good adhesion with insulation foam.
2) Residual foaming area of SPA-H parts
   Polyamide epoxy primer will be applied to the insulation foam contact surface.

5.1.3 After assembly

1) All stainless steel parts will be cleaned to remove all oil rust, dirt and etc. before sweep blasted with non-carbon steel media or non-metallic media.
2) Surface treatment for painting will be done, blasting on welding seam and all welding slags, spatters and other foreign matters will be removed.

5.2 Coating System

5.2.1 Option -A for Solvent-borne paint

5.2.1.1 Exposed surface (except understructure and door panel)

1st primer:	Zinc rich primer	30 microns (For SPA-H parts)
2nd primer:	Polyamide epoxy primer	40 microns
3rd top:	Polyurethane top coating	40 microns
Total (D.F.T.)		**80/110 microns**

5.2.1.2 Inside surface (Insulation foam contact area)

A)	Inside front & rear frame:	20 microns of polyamide epoxy primer.
B)	Inside for stainless steel & AL:	10-15 microns of adhesive primer or hot melt adhesive

5.2.1.3 Door panel

1st primer:	Polyamide epoxy primer	40 microns
2nd top:	Polyurethane top coating	50 microns
Total (D.F.T.)		**90 microns**

5.2.1.4 Understructure coating

1st primer:	Zinc rich primer	30 microns
2nd primer:	Polyamide epoxy primer	40 microns
3rd top:	Bitumen	200 microns
Total (D.F.T.)		**270 microns**

5.2.2 Option -B for Water-borne paint

5.2.2.1 Exposed surface (except understructure and door panel)

1st primer:	WB zinc rich primer	30 microns (For SPA-H parts)
2nd primer:	WB epoxy mid. coating	40 microns
3rd top:	WB Polyurethane top coating	40 microns
Total (D.F.T.)		**80/110 microns**

5.2.2.2 Inside surface (Insulation foam contact area)

A)	Inside front & rear frame:	20 microns of polyamide epoxy primer.
B)	Inside for stainless steel & AL:	10-15 microns of adhesive primer or hot melt adhesive

5.2.2.3 Door panel

1st primer:	WB epoxy mid. coating	40 microns
2nd top:	WB Polyurethane top coating	50 microns
Total (D.F.T.)		**90 microns**

5.2.2.4 Understructure coating

1st primer:	WB Zinc rich primer	30 microns
2nd primer:	WB epoxy mid. Coating	40 microns
3rd top:	WB Polyurethane top coating	40 microns
Total (D.F.T.)		**110 microns**

Note:

1. Color of top coating is RAL9010.
2. Option A will only be applicable on reefer production before July, 1st,2021.

6. Markings

6.1 Lettering

The containers will be marked in accordance with ISO requirements, owner's marking specifications and other required regulations.

6.2 Materials

The material of all decals is PVC film with permanent adhesive and having a minimum 7 years life.

6.3 Consolidated date plate

The certification plates of timber treatment, CSC and TIR approval are of stainless steel and will be engraved in permanent manner and riveted with stainless steel rivets.

6.4 Stamping in rear corner castings

Owners prefix, container serial number and check digit to be stamped in 10mm high letter/numbers into the upper face of the lower, right-hand comer casting. Manufacturer's prefix and production number to be stamped in 10mm high letter/numbers into the upper face of the lower left –hand casting.

7. Testing and Inspection

7.1 Prototype container

A prototype container need not to be built if one of the first containers out of the series as a prototype container. This container will be tested and codified by inspectors nominated by the owner.

7.2 Production line of container

Every container is manufactured under effective quality control procedures to meet the specified standards. After completion all container dimensions will be checked and door operation checked.

7.3 The proposed criteria table for general prototype testing:

	Item	Test load and method	
7.3.1	Stacking	Test Load	97,200kg/post
		Offset	38mm longitudinally 25mm laterally
		Internal load	1.8R-T
7.3.2	Lifting from top corner fittings	Internal load	2R-T (Vertical)
7.3.3	Lifting from bottom corner fittings	Internal load	2R-T (45 degree)
7.3.4	Lifting from forklift pocket	Internal load	1.6R-T
7.3.5	Floor strength	Test Load	5,460kg
7.3.6	Restraint	Internal load	R-T
		Test load	1.0R/rail
7.3.7	End wall strength	0.1P uniform load by air bag	
7.3.8	Side wall strength	0.6P uniform load by air bag	
7.3.9	Roof strength	300kg (300x600mm)	
7.3.10	Racking (transverse)	75KN	
7.3.11	Racking (longitudinally)	75KN	
7.3.12	Lashing Ring test (side)	250Kg	
7.3.13	Air tightness test	Internal pressure: 25.4+/-1mm WPG inside	
7.3.14	Thermal Test	In compliance with ISO standard	
7.3.15	Performance test of thermal appliance in compliance with ISO1496⁄2		

7.4 Batch test instructions

Batch test shall be conducted by selecting at random one of each batch of 100 units during mass production, and air leakage will be tested at one of ten units.

Note: R - Maximum gross weight T - Tare weight P - Maximum payload

8. Guarantee

8.1Guarantees

The guarantee period will commence the date after the certification has been issued by the classification society.

8.2 Paint guarantee

The application of paint will be guaranteed against corrosion and paint failure for a period of five (5) years. The guarantee is for faults affecting more than 10% of the painted surfaces and will assure partial of total re-painting of the container.
Corrosion caused by acids, alkalis or other chemicals, damage by abrasion, impact or accident are excluded.

8.3 Decal guarantee

The decals are warranted for seven (7)years to withstand the environmental conditions as "General" mentioned for color, stability and adhesion.

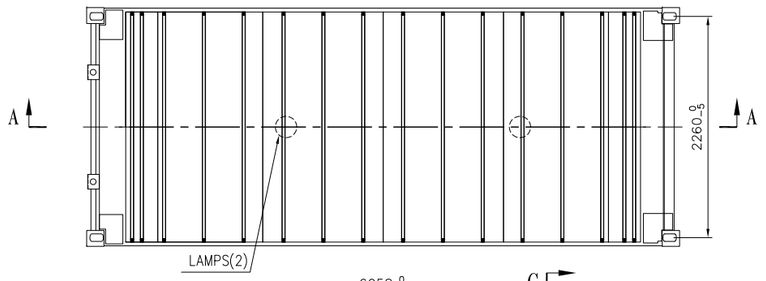
8.4 Other guarantee

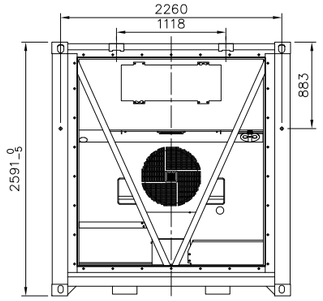
All containers are guaranteed against any faults in construction, poor workmanship, defective materials for a period of one (1) year after being accepted.
Any damages caused by mis-handling, mis-securing, mis-loading, impact and any accidents relating from bad practices are excluded.
For the lamp, the relevant problems during lifespan are not within the scope of our warranty.

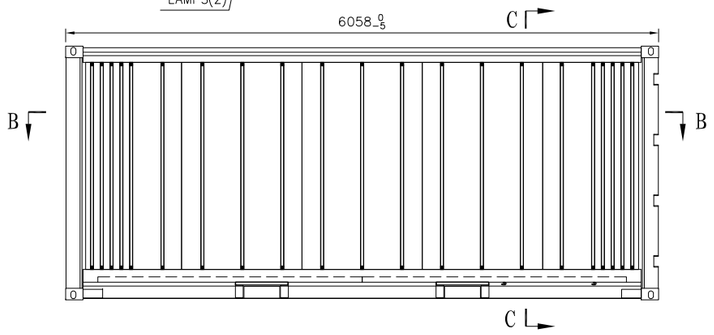
9. Revision list

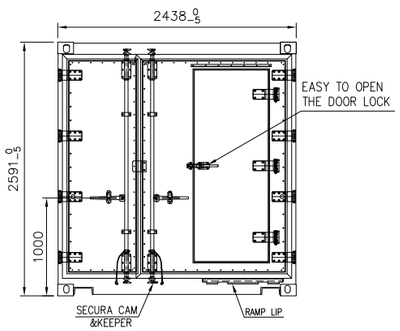
Spec. Item	Relation Drawing NO.	Description	DATE	Designer

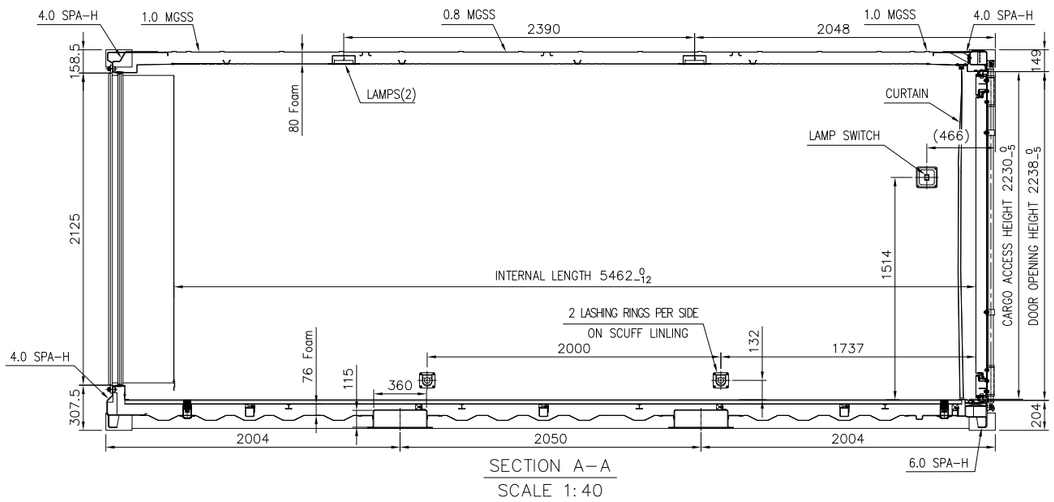
CLASSIFICATION		DIMENSION	
EXTERNAL	LENGTH	6058 MM	20'
	WIDTH	2438 MM	8'
	HEIGHT	2591 MM	8'6
INTERNAL	LENGTH	5462 MM	
	WIDTH	2290 MM	
	HEIGHT	2286 MM	
DOOR OPENING	WIDTH	2294 MM	
	HEIGHT	2238 MM	
CARGO ACCESS HEIGHT		2230 MM	
INTERNAL CUBIC CAPACITY		28.6 CU.M	1010 CU.FT
MAX. GROSS WEIGHT		30480 Kg	67200 lb
TARE WEIGHT (±2%) EXCL. UNIT:		2450 KG	5400 lb
TARE WEIGHT (±2%) INCL. UNIT: +380Kg		2830 KG	6240 lb
MAX. PAY LOAD		27650 KG	60960 lb
STACKING TEST LOAD		97200 Kgf/POST	214290 lbf/POST
FLOOR STRENGTH		5460 Kg	12040 lb
HEAT LEAKAGE (U20)		32.5 W/K	28 Kcal/°chr
AIR LEAKAGE(1" WGP)		15 CU.M/h	530 CU.FT/h
REFRIGERATION UNIT		Refer to purchase order	











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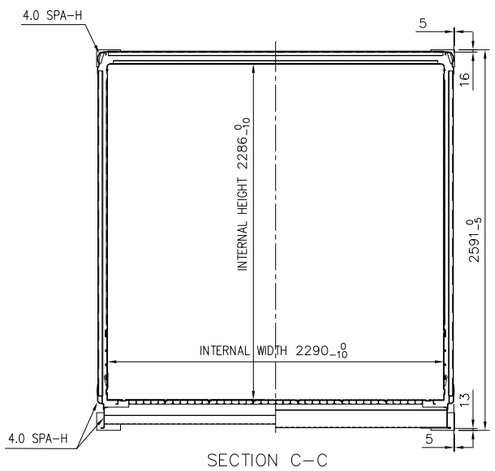

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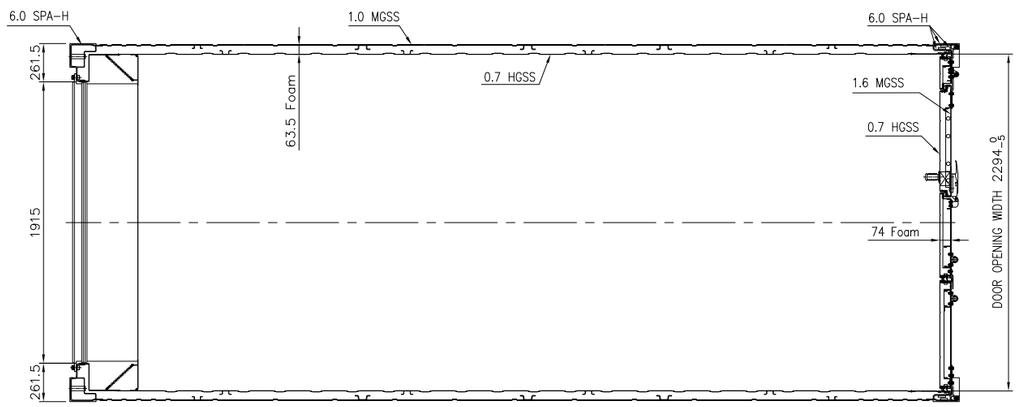

SECTION B-B
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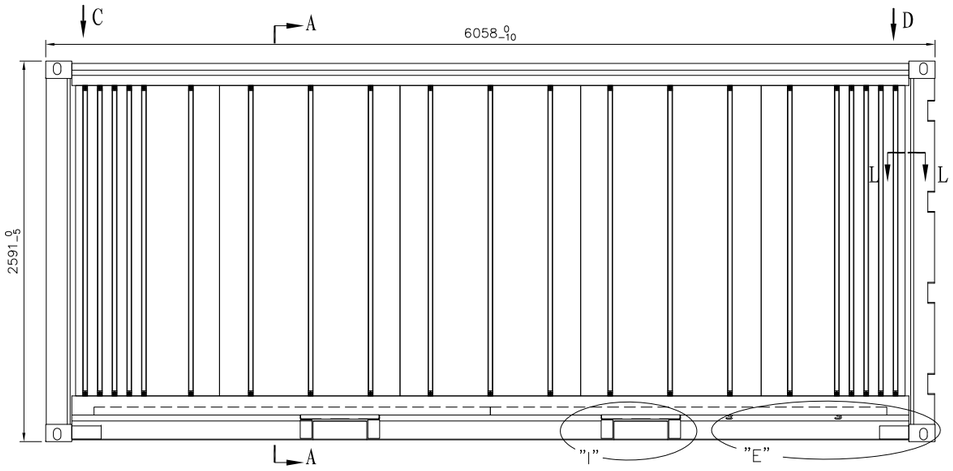
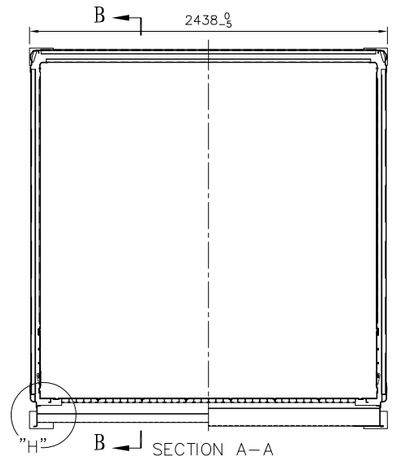
Technical requirements:
1.Foaming density
(1)Roof : 40-45 kg/m³
(2)Side : 45-50 kg/m³
(3)Floor: 50-55 kg/m³
(4)Door : 50-55 kg/m³
(5)Corner: 40-45 kg/m³

ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
10	GENERAL PART	2FP210302-ZZ	1		
09	REEFER UNIT ASSEMBLY	2FP210302-LJ	1		
08	INNER CLADDING ASSEMBLY	2FP210302-NZ	1		
07	T-FLOOR ASSEMBLY	2FP210302-LB	1		
06	DOOR ASSEMBLY	2FP210302-MB	1		
05	SIDE WALL ASSEMBLY	2FP210302-CB	1+1		
04	ROOF ASSEMBLY	2FP210302-DB	1		
03	BASE ASSEMBLY	2FP210302-DJ	1		
02	FRONT FRAME ASSEMBLY	2FP210302-QK	1		
01	REAR FRAME ASSEMBLY	2FP210302-HK	1		

TITLE	Reefer Container	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302	SCALE	1:60	REV	B
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE





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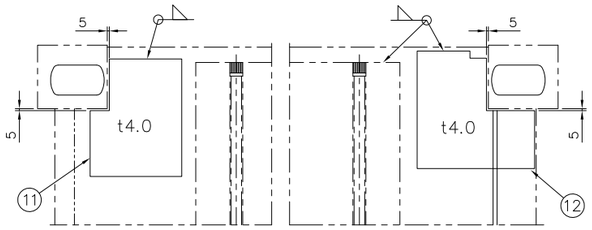

VIEW C
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VIEW D
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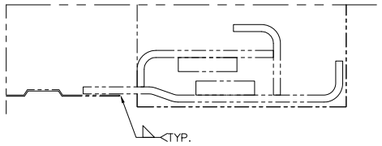
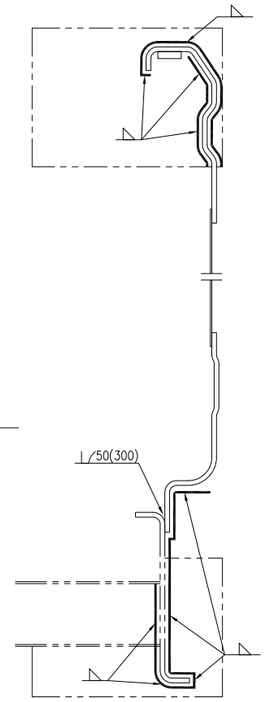
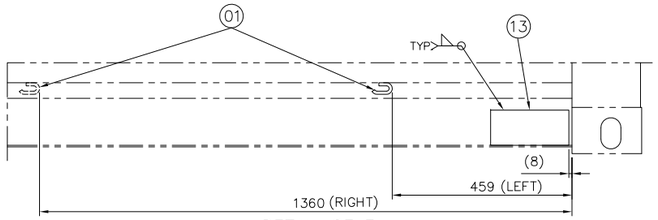


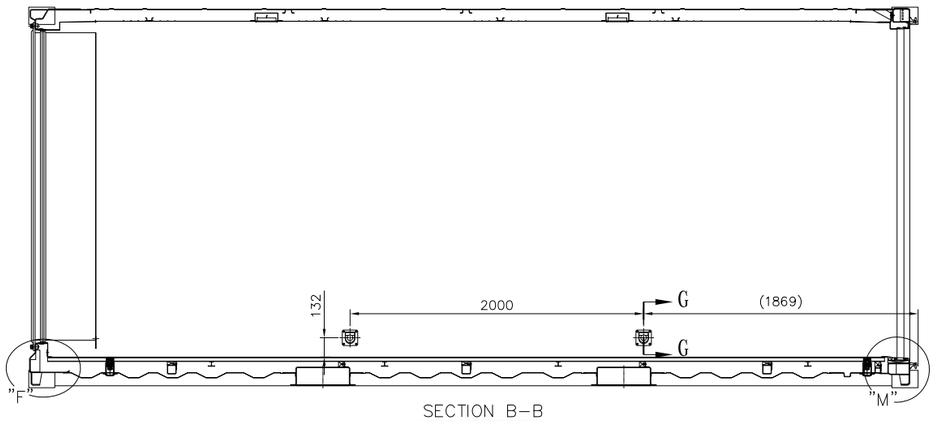
SECTION L–L
SCALE 1:5



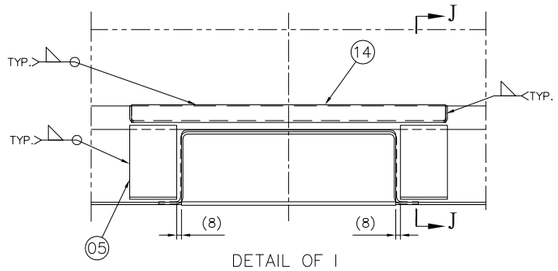
TOP/BTM SIDE RAIL WELD WITH COENER FITTING
SCALE 1:5



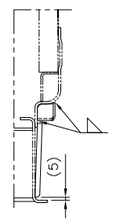
DETAIL OF E
SCALE 1:15



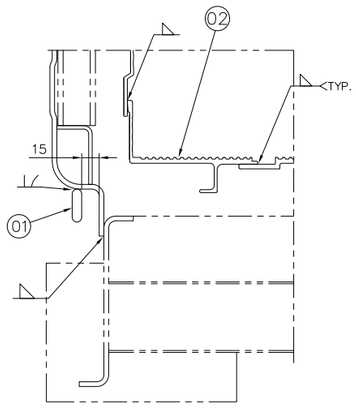
SECTION B–B
SCALE 1:40



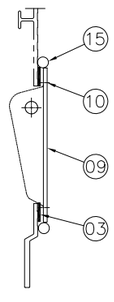
DETAIL OF I
SCALE 1:10



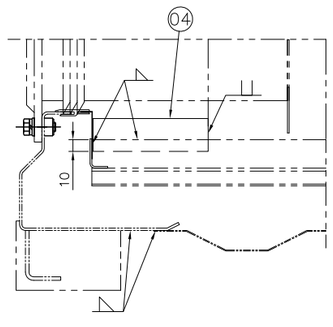
SECTION J–J
SCALE 1:10



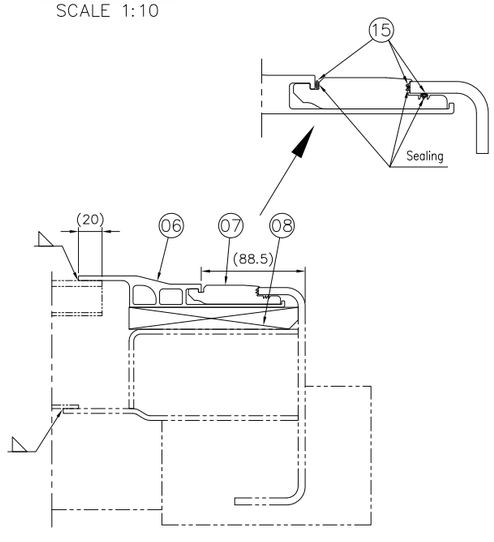
DETAIL OF H
SCALE 1:5



SECTION G–G
SCALE 1:4



DETAIL OF F
SCALE 1:10

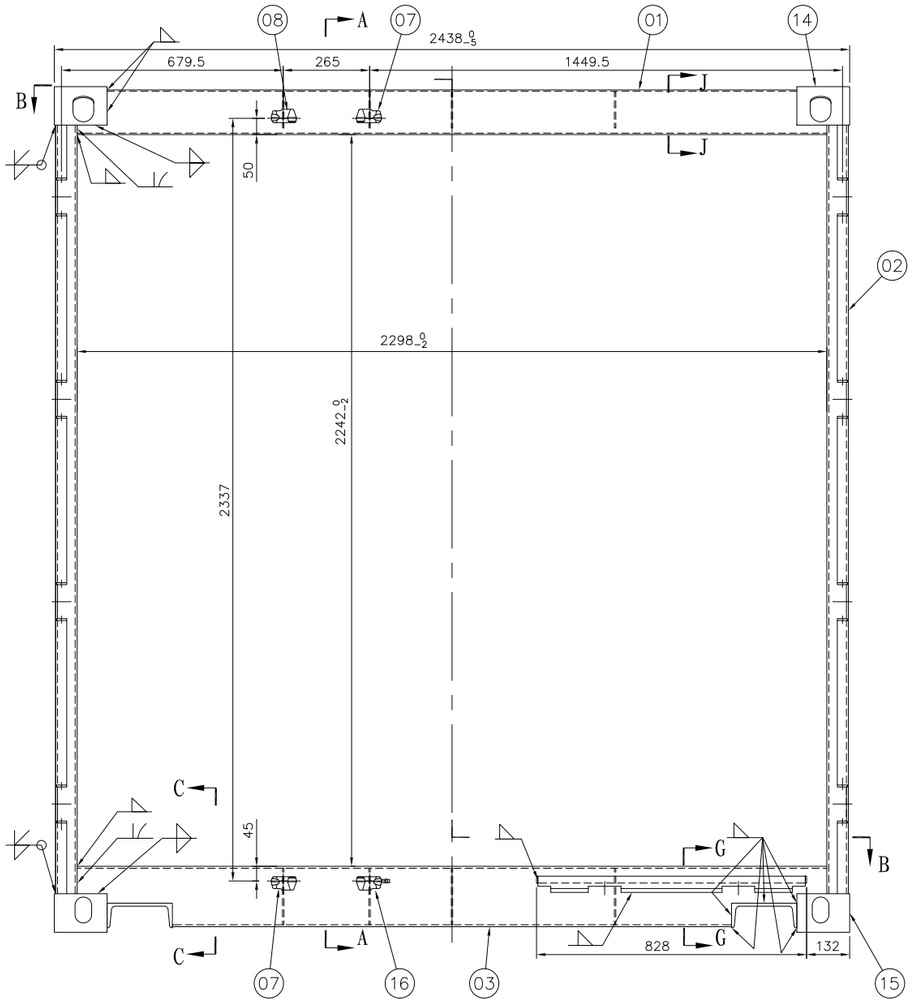


DETAIL OF M
SCALE 1:5

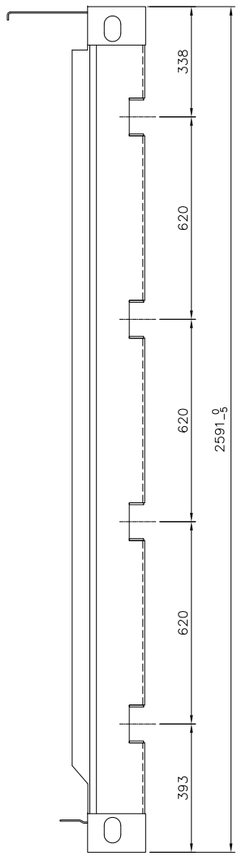
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
15	SEALANT		/	MS	GREY
14	ANGLE PLATE		4	SPA–H	
13	BTM SIDE RAIL REIN.		4	SPA–H	
12	REAR DOUBLE PLATE		1+1	SPA–H	
11	FRONT DOUBLE PLATE		2	SPA–H	
10	SOLID RIVET		16		ϕ6.4X16
09	FLOOR HOOK		4	SUS304	
08	PE BLOCK		1	PE	
07	REAR SILL PVC		1	PVC	WHITE
06	REAR GUTTER		1	AA6061–T6	
05	FORK POCKET REIN.		8	SPA–H	
04	CONNECTING PLATE		2	AA5052–H34	
03	FOAM TAPE (ONE SIDE ADHESIVE)		2M		1.5X20
02	FLOOR RAIL (SIDE)		2	AA6061–T6	
01	DOOR STOP LINK		2	SS400 EDG	ϕ8

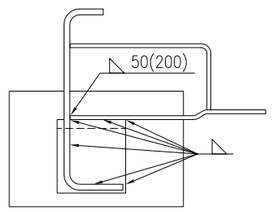
TITLE	GENERAL PART	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302–ZZ	SCALE	1:40	REV	B
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

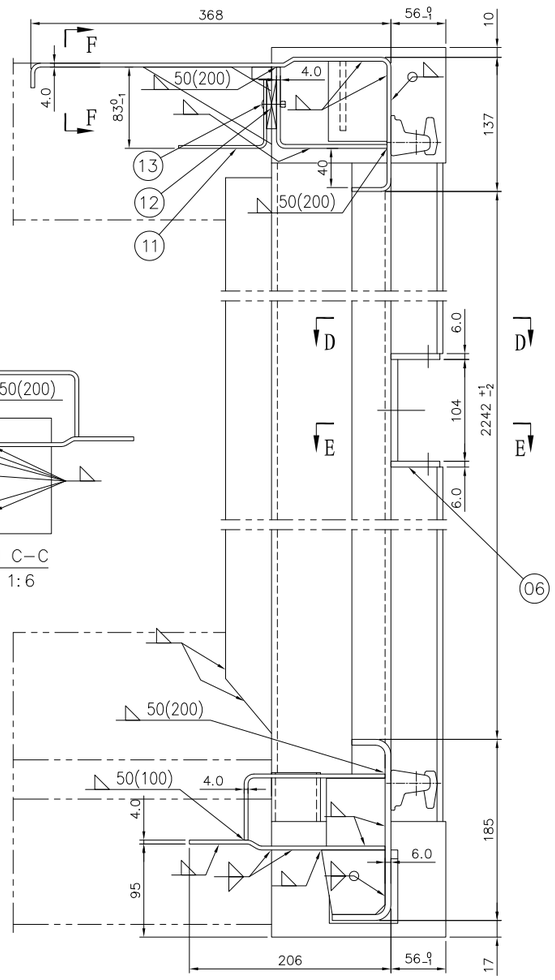


SECURA KEEPER

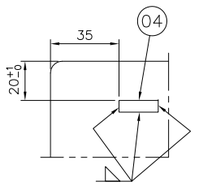




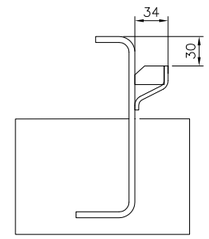
SECTION C–C
SCALE 1:6



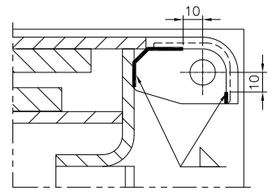
SECTION A–A
SCALE 1:6



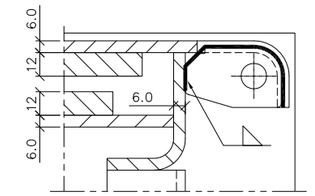
SECTION F–F
SCALE 1:3



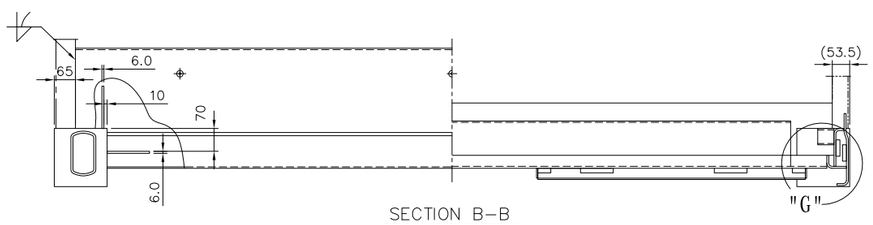
SECTION G–G
SCALE 1:6



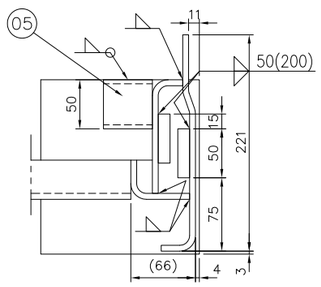
SECTION D–D
SCALE 1:3



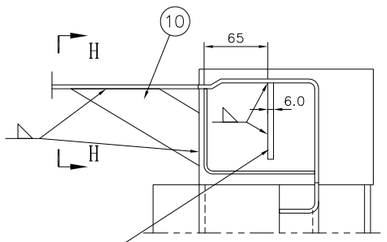
SECTION E–E
SCALE 1:3



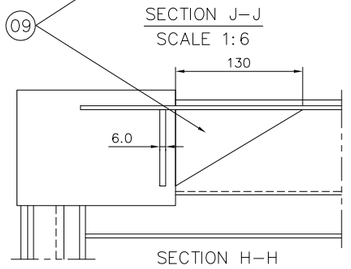
SECTION B–B
SCALE 1:18



DETAIL OF G
SCALE 1:6



SECTION J–J
SCALE 1:6

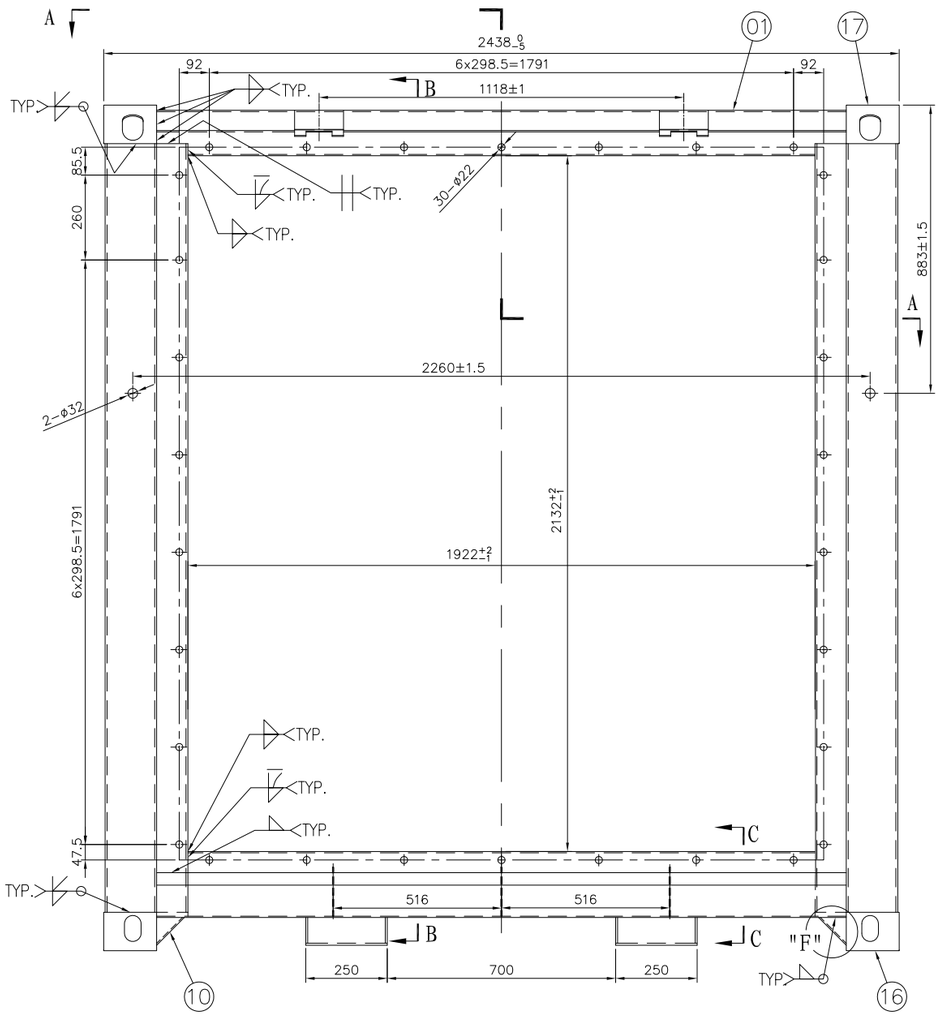


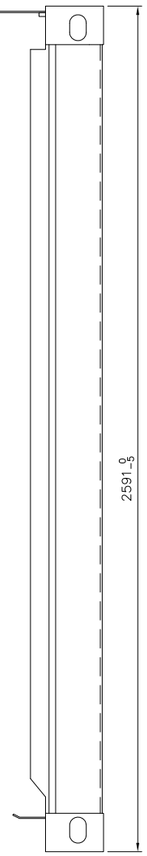
SECTION H–H
SCALE 1:6

ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
16	KEEPER SECURA		1		
15	CORNER FITTING		1+1	SCW480	
14	CORNER FITTING		1+1	SCW480	
13	SEALED TYPE BLIND RIVET		10	SUS304	ϕ6.4X25
12	PE BLOCK		1	PE	
11	CURTAIN SUPPORTED		1	SPA–H	
10	REINFORCEMENT PLATE		2	SPA–H	
09	TRAINGLE PLATE		2	SPA–H	
08	KEEPER R.H		1		
07	KEEPER L.H		2		
06	LUG		8+8	MGSS	
05	BOTTOM REIN.		2	SPA–H	
04	ANGLE SUPPORTING TOP SIDE RAIL		2	SPA–H	
03	REAR BOTTOM RAIL ASSEMBLY		1	SS400/SPA–H	
02	REAR CORNER POST ASSEMBLY		1+1	SPA–H/SM490A	
01	REAR TOP RAIL ASSEMBLY		1	SPA–H	

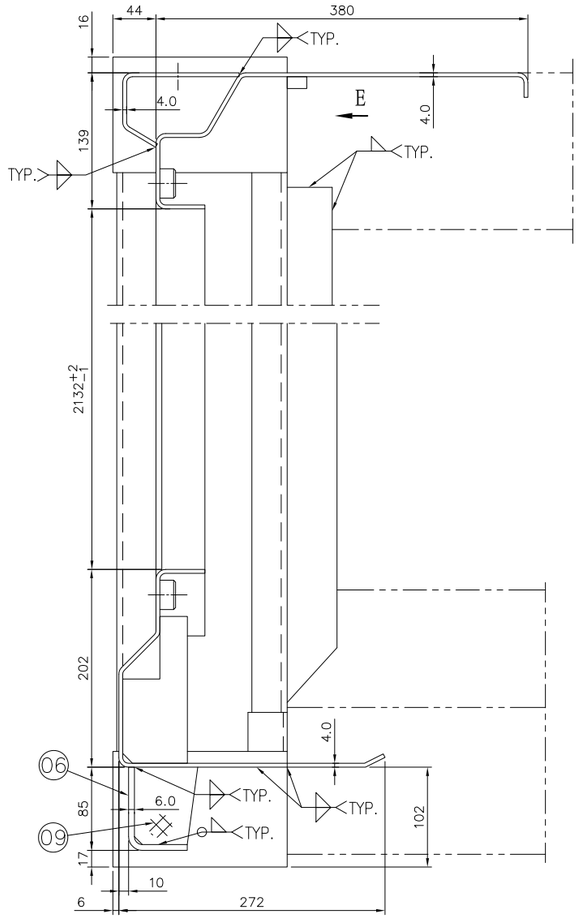
TITLE	REAR FRAME ASSMBLY	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302–HK	SCALE	1:18	REV	C
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

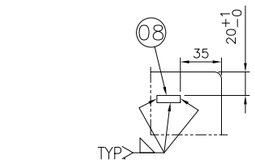
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE



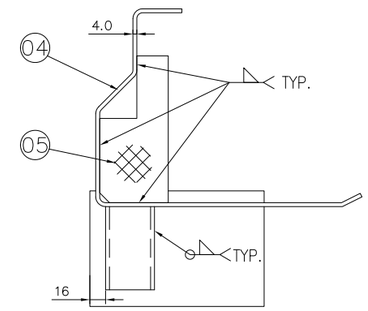


SECTION B–B
SCALE 1:6

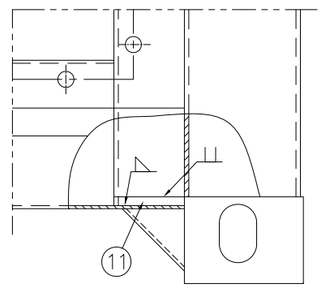




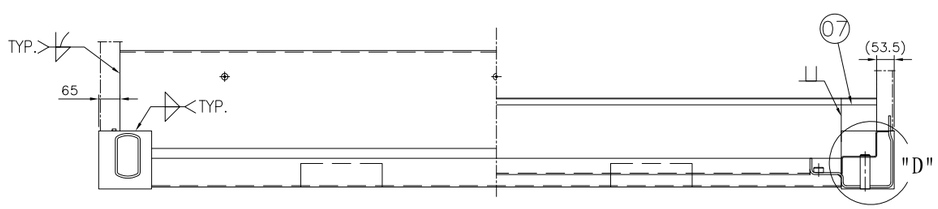
VIEW E
SCALE 1:5



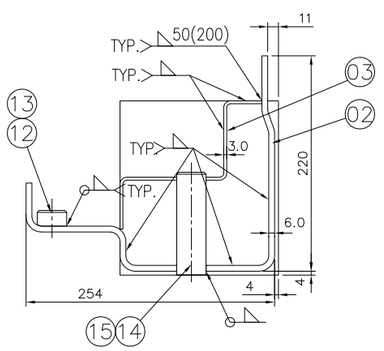
SECTION C–C
SCALE 1:6



DETAIL OF F
SCALE 1:8



SECTION A–A
SCALE 1:18

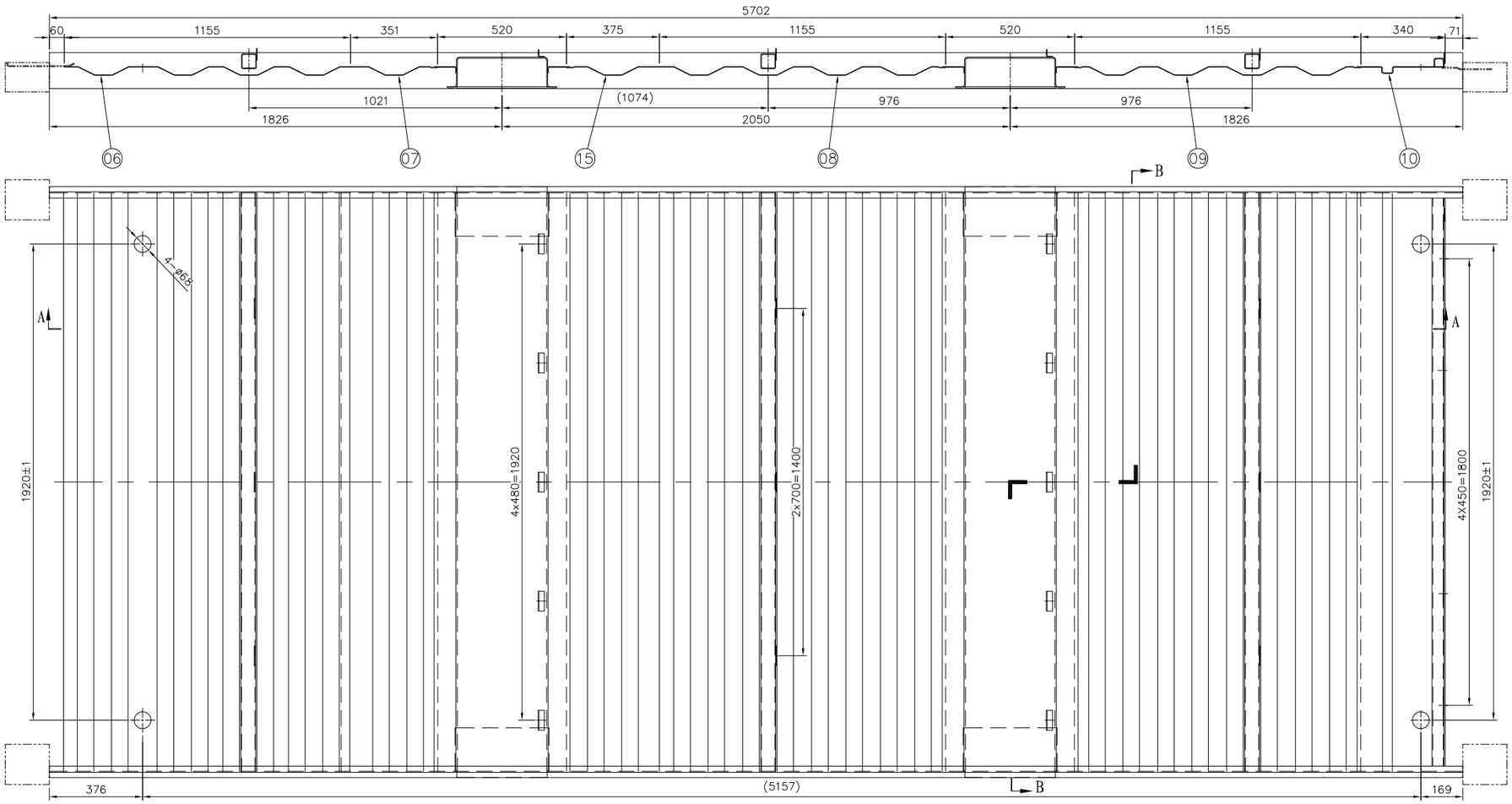


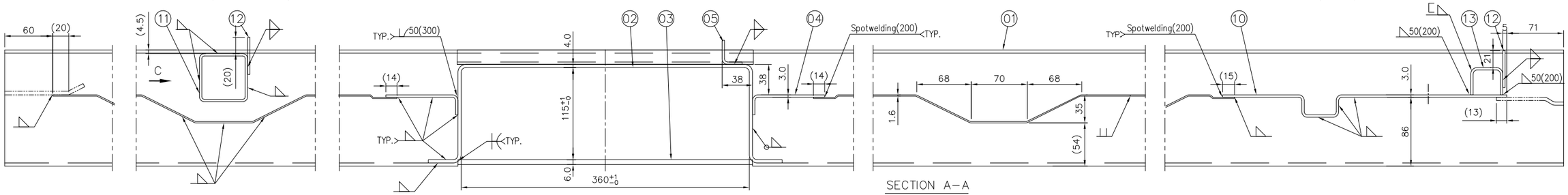
DETAIL OF D
SCALE 1:6

ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
17	CORNER FITTING		1+1	SCW480	
16	CORNER FITTING		1+1	SCW480	
15	GENERATOR FITTING NUT PLUG		2	PVC	ϕ17.3X11
14	NUT MOUNTING GENERATOR		2	SUS304	UNC3/4"-10
13	REEFER UNIT NUT PLUG		30	PVC	ϕ16X9
12	NUT MOUNTING UNIT		30	MGSS	M16
11	EXTEND PLATE		2	SPA-H	
10	STACKING CONE		2	SPA-H	
09	FRONT BOTTOM RAIL (GUSSET)		4	SPA-H	
08	ANGLE SUPPORTING TOP SIDE RAIL		2	SPA-H	
07	CONNECTING PLATE		1+1	SPA-H	
06	FRONT BOTTOM RAIL (ANGLE)		2	SPA-H	
05	FRONT BOTTOM RAIL REIN.		3	SPA-H	
04	FRONT BOTTOM RAIL (OUTER)		1	SPA-H	
03	FRONT CORNER POST (INNER)		2	SPA-H	
02	FRONT CORNER POST (OUTER)		1+1	SPA-H	
01	FRONT TOP RAIL ASSEMBLY		1	SPA-H/MGSS	

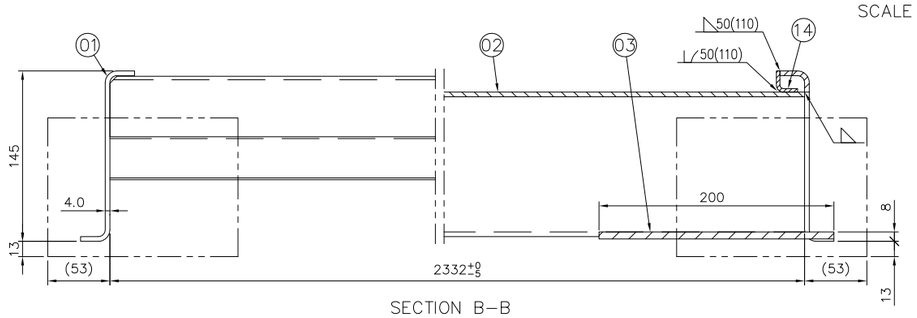
TITLE	FRONT FRAME ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302-QK	SCALE	1:18	REV	D
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE
1			–	





SECTION A–A
SCALE 1:5



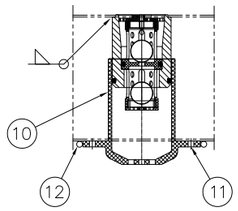
SECTION B–B
SCALE 1:5

ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
11	SQUARE TUBE		3	SPA-H	3.0x60x60
10	CONNECTING PLATE (REAR)		1	SPA-H	
09	BASE PANEL		1	SPA-H	
08	BASE PANEL		1	SPA-H	
07	BASE PANEL		1	SPA-H	
06	BASE PANEL		1	SPA-H	
05	SUPPORT ANGLE		10	SPA-H	
04	BASE PANEL SUPPORTER		4	SPA-H	
03	FORK POCKET (LOWER)		4	SPA-H	
02	FORK POCKET (UPPER)		2	SPA-H	
01	BTM SIDE RAIL (LOWER)		2	SPA-H	

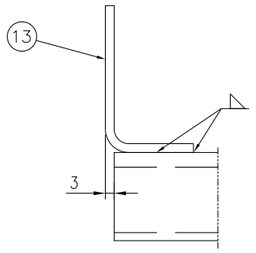
TITLE: BASE FRAME ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO. 2FP210302-DJ	SCALE	1:20	REV	E
◇ CRITICAL CHARACTERISTIC	DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC	CHECK		APPROVED	
	PROCESS		DATE	

ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
15	BASE PANEL		1	SPA-H	
14	FORK POCKET STIFFENER		4	SPA-H	
13	LOAD TRANSFER AREA MEMBER		1	SPA-H	
12	SUPPORT ANGLE		14	SPA-H	

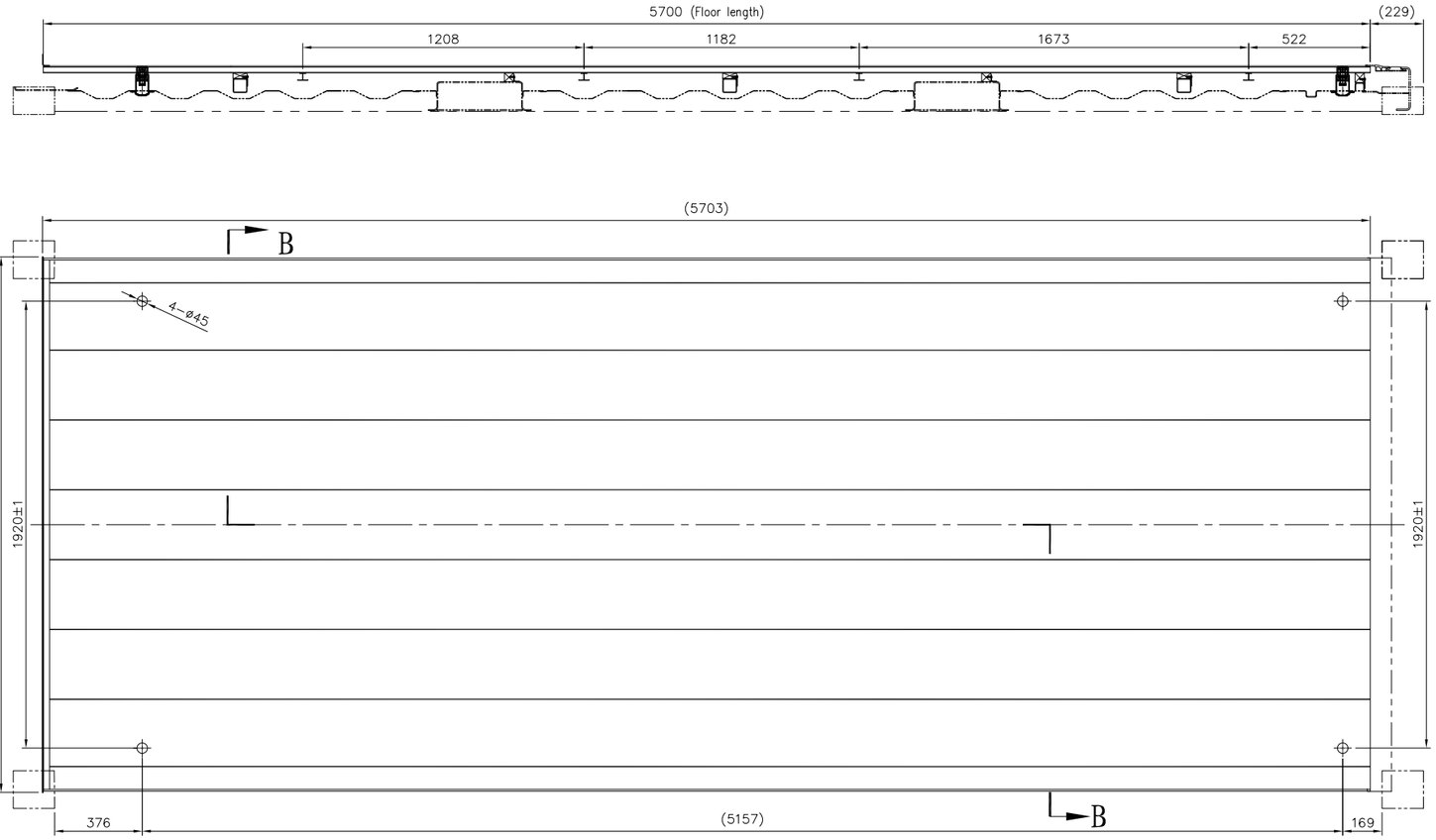
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

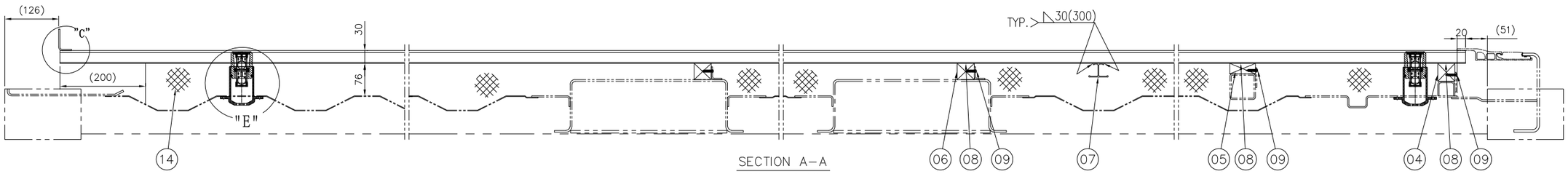


DETAIL OF E
SCALE 1:5

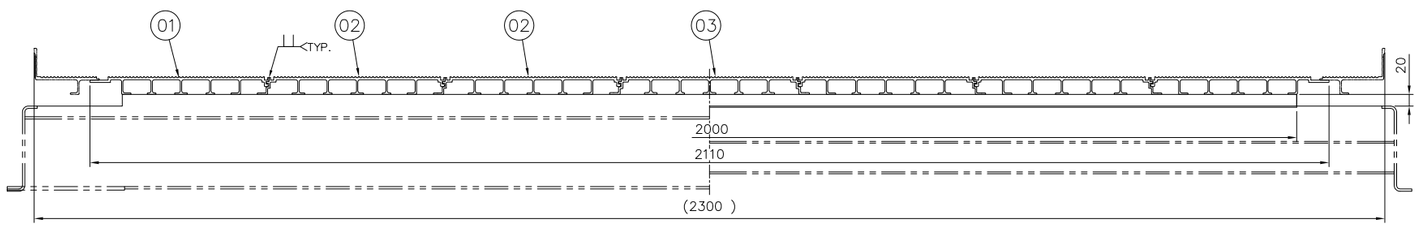


DETAIL OF C
SCALE 1:2





SECTION A–A
SCALE 1:10



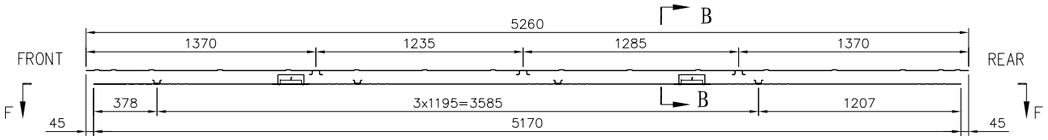
SECTION B–B
SCALE 1:10

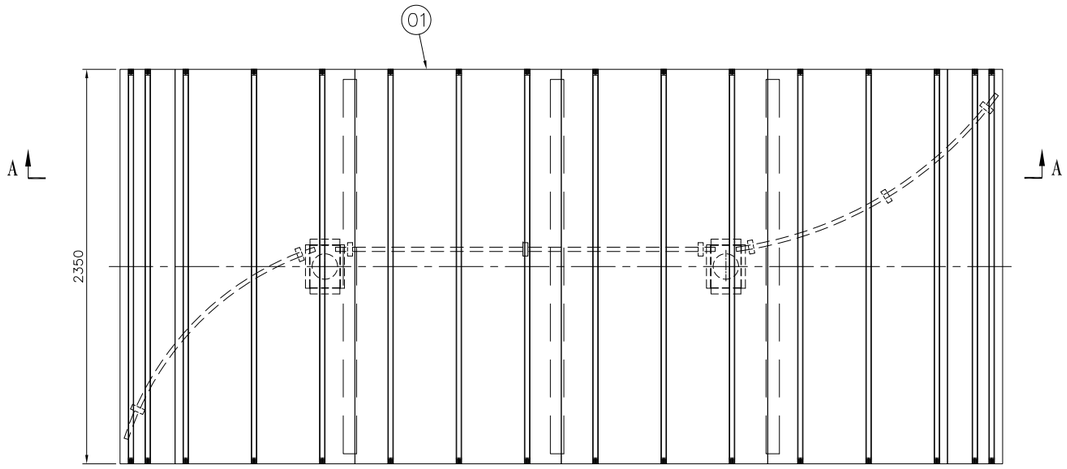
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
10	DRAIN PIPE ASSEMBLY		4		
09	TAPPING SCREW		40	STEEL-EZP	ST4.8X25-C8845
08	STRUCTRUAL ADHESIVE		/	PU	
07	FLOOR BOW		4	AA6061-T6	
06	FLOOR FILLER		2	PE	
05	FLOOR FILLER		3	PE	
04	FLOOR FILLER		1	PE	
03	FLOOR RAIL (CENTER)		1	AA6061-T6	
02	FLOOR RAIL (MAIN)		4	AA6061-T6	
01	FLOOR RAIL WITH HOLE		1+1	AA6061-T6	

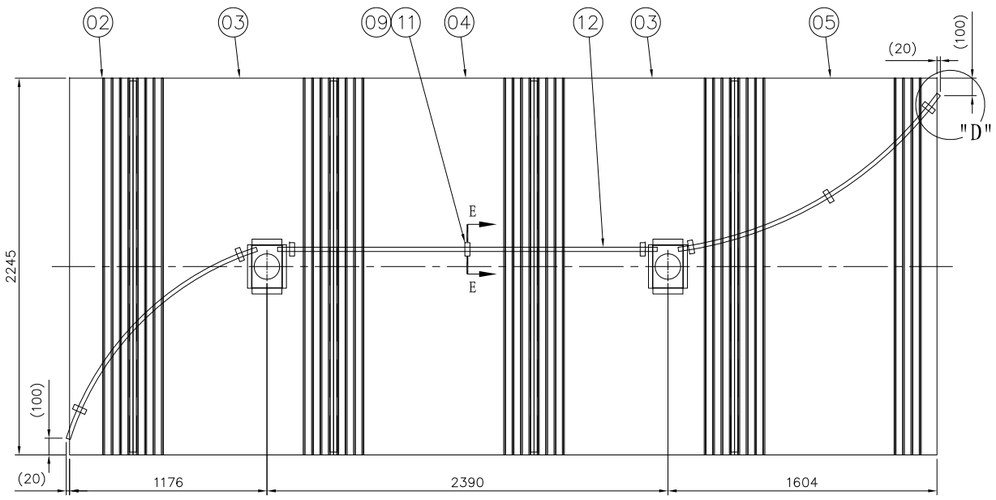
TITLE	FLOOR ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302-LB	SCALE	1:25	REV	C
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

14	FOAM		/	PU	45-50KG/Cu.M
13	FLOOR CLOSE PLATE		1	AA5052-H32	
12	SILICONE RUBBER		/	SILINCONE	WHITE
11	SEALED TYPE BLIND RIVET		16	SUS304	ϕ4.8X15

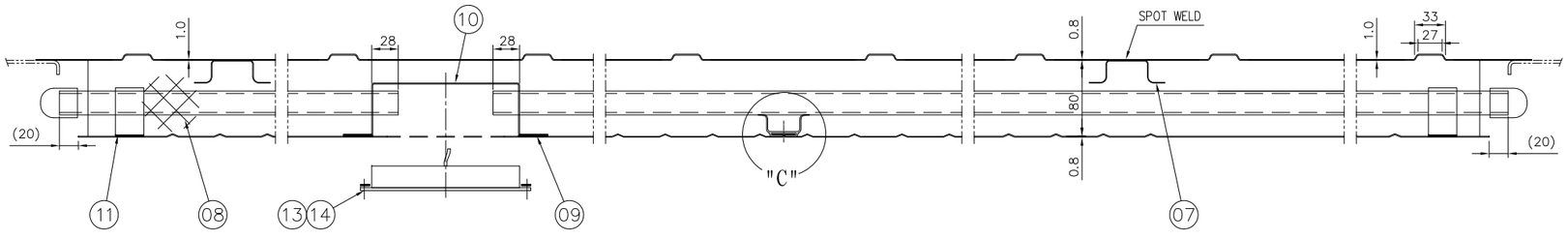
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE



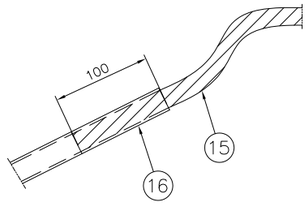




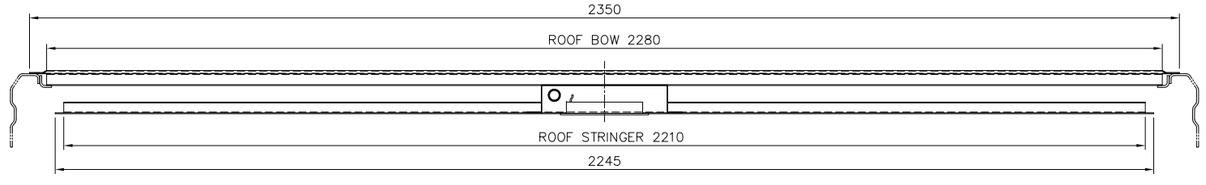
SECTION F–F
SCALE 1:35



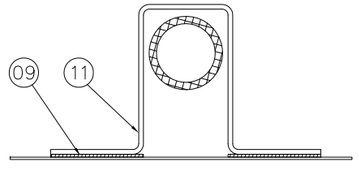
SECTION A–A
SCALE 1:2



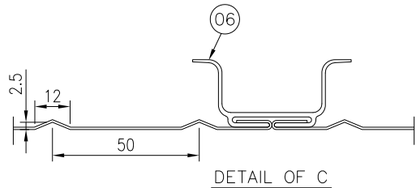
DETAIL OF D
SCALE 1:6



SECTION B–B
SCALE 1:12



SECTION E–E
SCALE 1:2

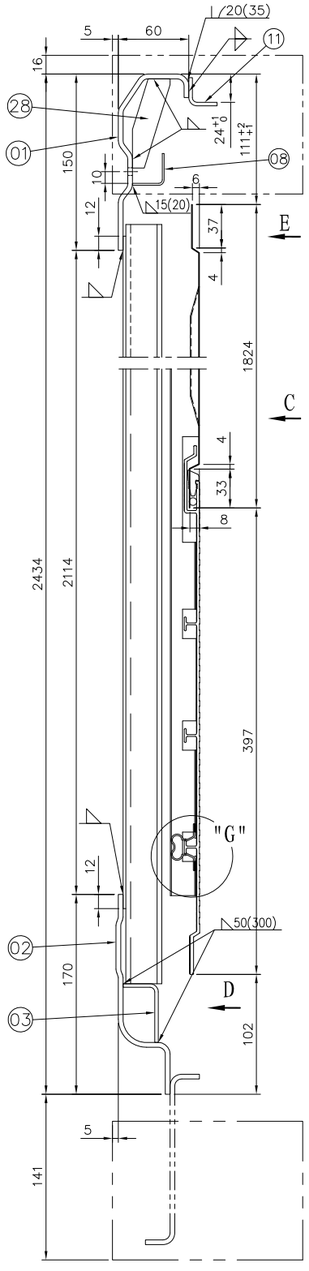


DETAIL OF C
SCALE 1:2

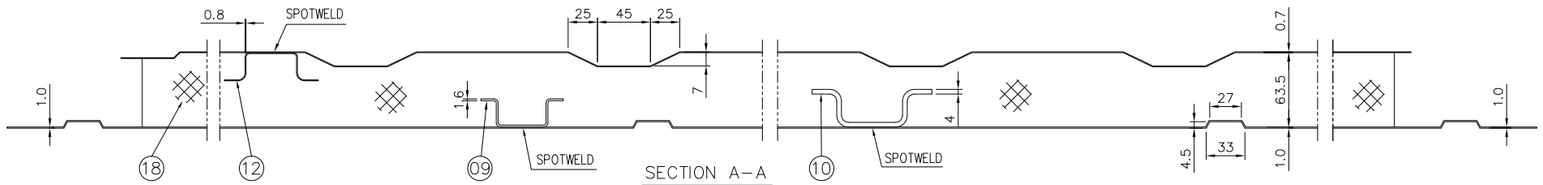
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
16	TAPE		0.5M	PET	0.06X30
15	FLEXIBLE PIPE		0.35M	NYLON	
14	LAMP		2	/	24V
13	SEALED TYPE BLIND RIVET		8	AL	Φ4.8X10
12	ALUMINIUM PLASTIC PIPE		6.5M	AL-PLASTIC	OD25 ID20
11	OMEGA PROTECTER		8	AA5052-H46	
10	LAMP BOX		2	AA5052-H46	
09	BI-ADHESIVE TAPE		7M	PE	1X30
08	FOAM		/	PU	40-45kg/Cu.m
07	ROOF BOW		3	MGSS	
06	ROOF STRINGER		4	AA6063-T5	
05	ROOF LINING(REAR)		1	AA5052-H46	
04	ROOF LINING(MIDDLE)		1	AA5052-H46	
03	ROOF LINING		2	AA5052-H46	
02	ROOF LINING(FRONT)		1	AA5052-H46	
01	ROOF PANEL ASSEMBLY		1	MGSS	

TITLE: ROOF ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO. 2FP210302-DB	SCALE	1:35	REV	D
◇ CRITICAL CHARACTERISTIC	DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC	CHECK		APPROVED	
	PROCESS		DATE	

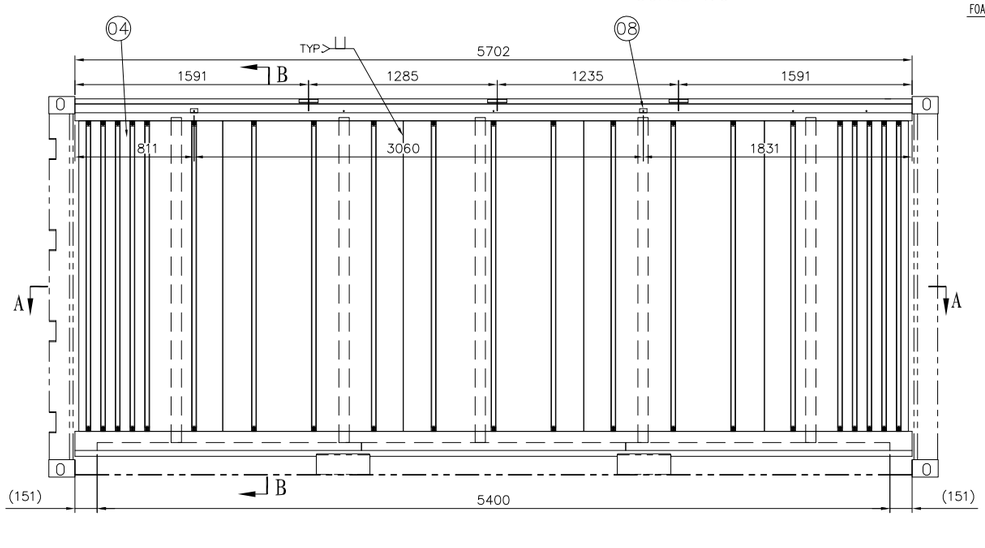
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

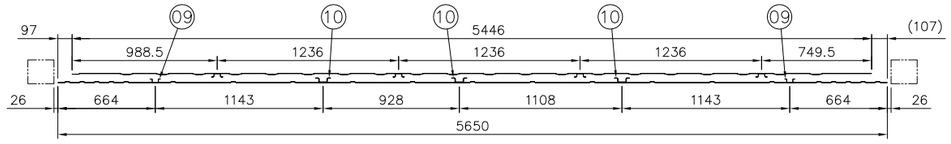


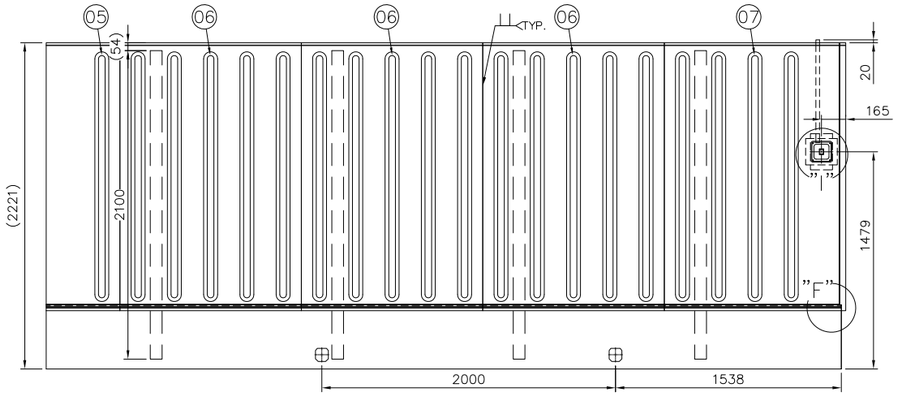
SECTION B–B
SCALE 1:5



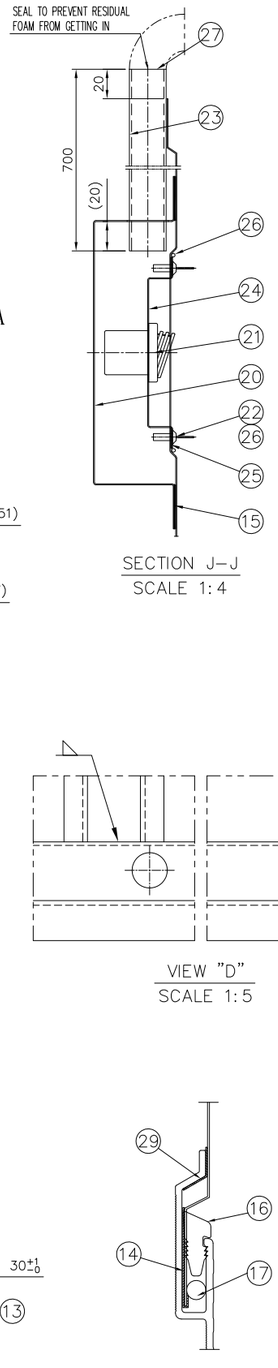
SECTION A–A
SCALE 1:5



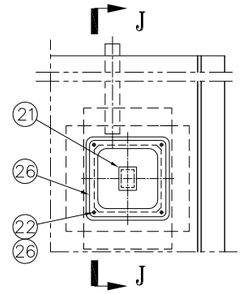




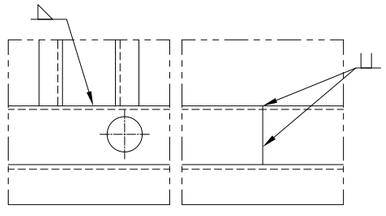
VIEW "C"
SCALE 1:40



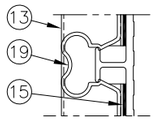
SECTION J–J
SCALE 1:4



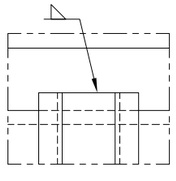
DETAIL OF "I"
SCALE 1:10



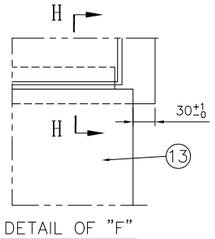
SCALE 1:5



DETAIL OF G
SCALE 1:2



VIEW "E"
SCALE 1:5



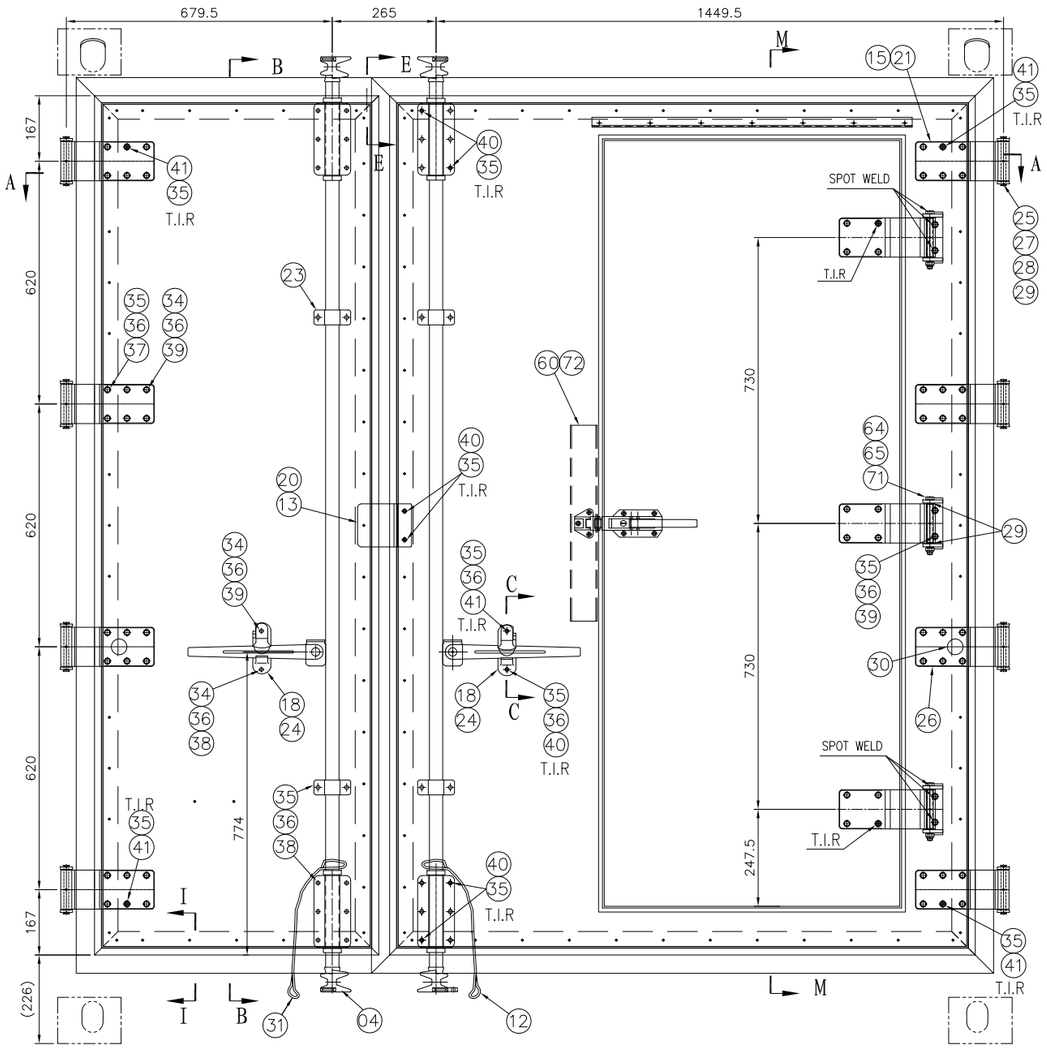
DETAIL OF "F"
SCALE 1:8

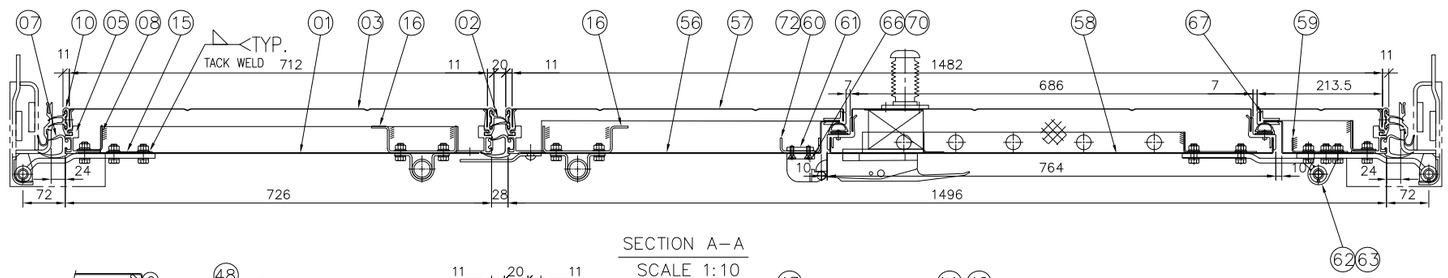
SECTION H–H
SCALE 1:2

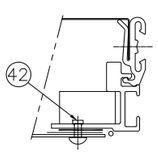
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
29	INSU. TAPE (ONE SIDE ADHESIVE)		5.5M	PE	0.13X20
28	TOP SIDE RAIL REIN.		3	SPA–H	
27	PET TAPE		0.5M	PET	0.06X30
26	SEALANT		A/R	MS	GREY
25	TAPE		0.6M	PE	1.0X15
24	SWITCH BOX(OUTER)		1	BNDDQ/BN4	
23	ALUMINIUM PLASTIC PIPE		0.7M	AL–PLASTIC	ϕ25
22	SEAL TYPE BLIND RIVET		4	SUS304	ϕ4.8X12
21	SWITCH		1		
20	SWITCH BOX		1	BNDDQ/BN4	
19	SPECIAL SHAPED STIFFENER		4	AA6063–T5	
18	FOAM			PU	45–50Kg/Cu.m
17	FLASHING SIDE GASKET		5.5M	EPDM	ϕ7.5
16	FLASHING SIDE SPACER		5.5M	PVC	
15	BI–ADHESIVE STRUCTUAL TAPE		1.5M	PE	1X30
14	INSU. TAPE (ONE SIDE ADHESIVE)		5.5M	PE	0.13X38
13	SCUFF LINING		1	AA6061–T6	
12	SIDE STRINGER		4	MGSS	
11	TOP SIDE RAIL ANGULAR REIN.		3	SPA–H	
10	SIDE POST		3	SPA–H	
09	SIDE POST		2	SPA–H	
08	ANGLE PLATE		2	SPA–H	
07	SIDE LINING (REAR)		1	BNDDQ/BN4	
06	SIDE LINING (MAIN)		3	BNDDQ/BN4	
05	SIDE LINING (FRONT)		1	BNDDQ/BN4	
04	SIDE PANEL ASSEMBLY		1	MGSS	
03	BOTTOM SIDE RAIL ANGULAR REIN.		3	SPA–H	
02	BOTTOM SIDE RAIL (UPPER)		1	SPA–H	
01	TOP SIDE RAIL		1	SPA–H	

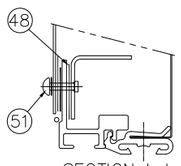
TITLE: SIDE WALL ASSEMBLY	SIZE: A3	PAGE: 1/1	
DWG. NO.: 2FP210302–CB	SCALE: 1:40	REV: C	
◇ CRITICAL CHARACTERISTIC	DESIGN	STANDARD	
▽ SPECIAL CHARACTERISTIC	CHECK	APPROVED	
	PROCESS	DATE	

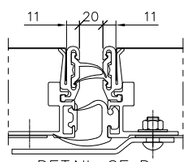
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

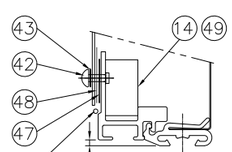


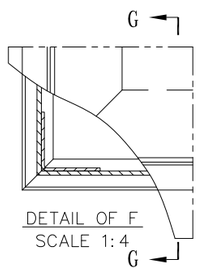


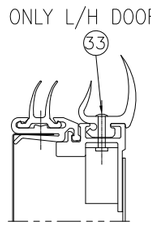

SECTION H–H
SCALE 1:4

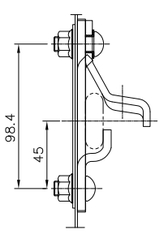

SECTION I–I
SCALE 1:4


DETAIL OF D
SCALE 1:5


AROUND
SECTION G–G
SCALE 1:4


DETAIL OF F
SCALE 1:4


ONLY L/H DOOR
SECTION E–E
SCALE 1:4

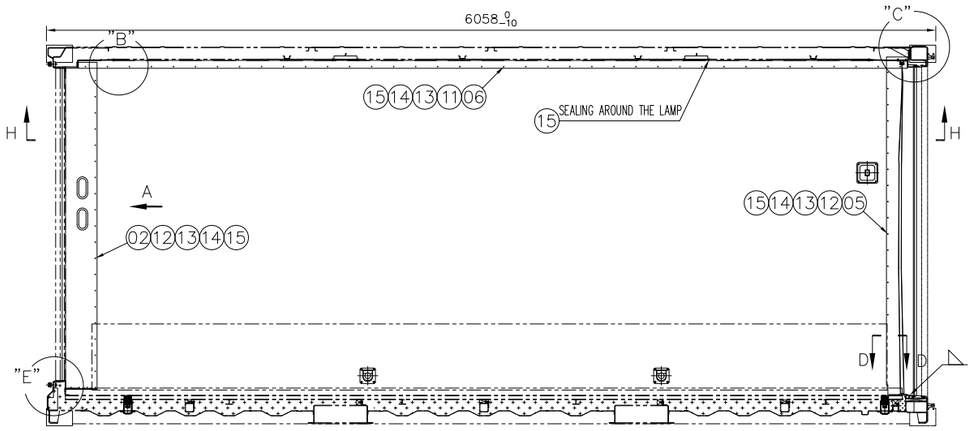

SECTION C–C
SCALE 1:4

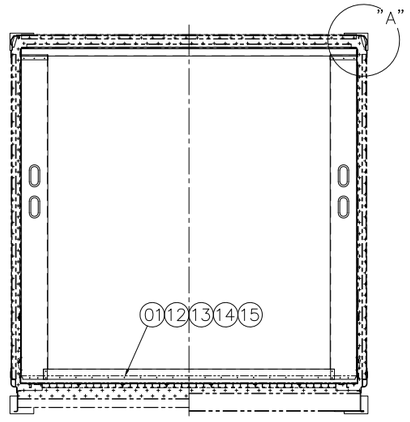
72	CYAN GUM		/	/	
71	FLAT WASHER		3	SUS304	D12
70	SHIM		1	FOAM PVC	
69	ANGLE STEEL		1		
68	PVC DOOR FRAME (HORIZONTAL)		2	PVC	
67	PVC DOOR FRAME (VERTICAL)		2	PVC	
66	CROSS BOLT		3	SUS 304	M6X30
65	NUT		3	SUS304	M12
64	HEXA HEAD SCREW		3	SUS 304	M12X150
63	BACKING STRAP		3	FOAM PVC	
62	LUG		3	SUS 304	
61	FOOTWALL		1	SS400	
60	C SECTION STIFFENER		1	SPA–H	
59	ANGLE STEEL		1	SPA–H	

58	SMALL DOOR ASSEMBLY		1		
57	INNER DOOR		1	BNDDQ/BN4	
56	EXTERIOR DOOR		1	MGSS	
53	SEALED TYPE BLIND RIVET		7	SUS 304	ϕ4.8X15
52	ALU. DOOR FRAME (HORIZONTAL)		2	AA6061–T6	
51	SOLID RIVET		44	SUS XM7	ϕ4.8X15
50	FOAM		A/R	PU	50–55 KG/Cu.
49	STRUCTRAL TAPE		0.5M	PE	1.0X30
48	INSU. TAPE (ONE SIDE ADHESIVE)		22M	PE	0.13X38
47	FOAM TAPE (ONE SIDE ADHESIVE)		13.2M	PVC	1.5X20
46	SEALANT		A/R	SILICONE	WHITE
45	SEALANT		A/R	MS	GREY
44	HORIZONTAL ANGLE		1+1	SPA–H	
43	INSU. WASHER		89	PE	ϕ12XϕX0.25
42	SOLID RIVET		52	SUS XM7	ϕ4.8X13
41	ROUND HEAD SCREW		5	SUS 304	M10X30
40	ROUND HEAD SCREW		7	SUS 304	M10X25
39	HEXA HEAD SCREW		35	SUS 304	M10X30
38	HEXA HEAD SCREW		29	SUS 304	M10X25
37	HEXA HEAD SCREW		16	SUS 304	M10X35
36	SPRING WASHER		80	SUS 304	D10
35	NUT		76	SS400	M10
34	NUT		16	SS400	M10
33	SEALED TYPE BLIND RIVET		2	Al	ϕ4.8X25.4
32	SEALED TYPE BLIND RIVET		32	Al	ϕ4.8X15
31	DOOR HOLDER		1	NYLON	
30	ANTI–BUMP RUBBER		2	EPDM	
29	DOOR HINGE WASHER		22	SUS 304	
28	PVC DOOR FRAME (HORIZONTAL)		2	PVC	
27	DOOR HINGE PIN		8	SUS 304	ϕ12.2
26	DOOR HINGE WITH HOLE		2	SS400–HDG	
25	DOOR HINGE		6	SS400–HDG	
24	S/L BRACKET OUTER SHIM		2	FOAM PVC	
23	S/L BRACKET OUTER SHIM		4	FOAM PVC	
22	L/G BRACKET OUTER SHIM		4	FOAM PVC	
21	HINGE OUTER SHIM		8	FOAM PVC	
20	TIR PLATE OUTER SHIM		1	FOAM PVC	
18	H/RETAINER T/METAL PLATE		2	SPA–H	
16	"Z" BEAM		1+1	SPA–H	
15	HINGE T/METAL PLATE		8	SPA–H	
14	CORNER REIN.		8	AA5052–H46	
13	T.I.R. PLATE		1	SPA–H HDG	
12	DOOR HOLDER		1	NYLON	
11	PVC DOOR FRAME (HORIZONTAL)		2	PVC	
10	PVC DOOR FRAME (VERTICAL)		4	PVC	
09	HORIZONTAL ANGLE–1		1+1	SPA–H	
08	VERTICAL ANGLE		2	SPA–H	
07	DOOR OUTER GASKET		1	EPDM	
06	ALU. DOOR FRAME (HORIZONTAL)		2	AA6061–T6	
05	ALU. DOOR FRAME (VERTICAL)		4	AA6061–T6	
04	LOCK ROD ASSEMBLY		1		
03	DOOR LINING		1	BNDDQ/BN4	
02	DOOR INNER GASKET		1	EPDM	
01	DOOR PANEL		1	MGSS	
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK

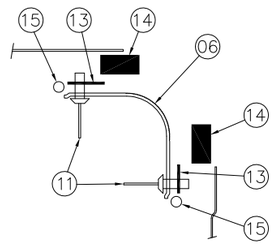
TITLE	DOOR ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302–MB	SCALE	1:15	REV	E
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

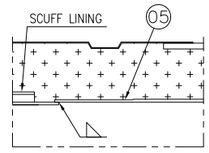




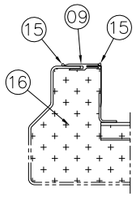
VIEW A
SCALE 1:40



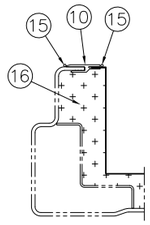
DETAIL OF A
SCALE 1:3



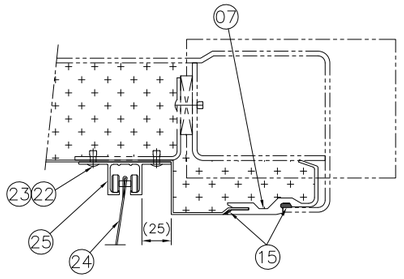
SECTION D–D
SCALE 1:3



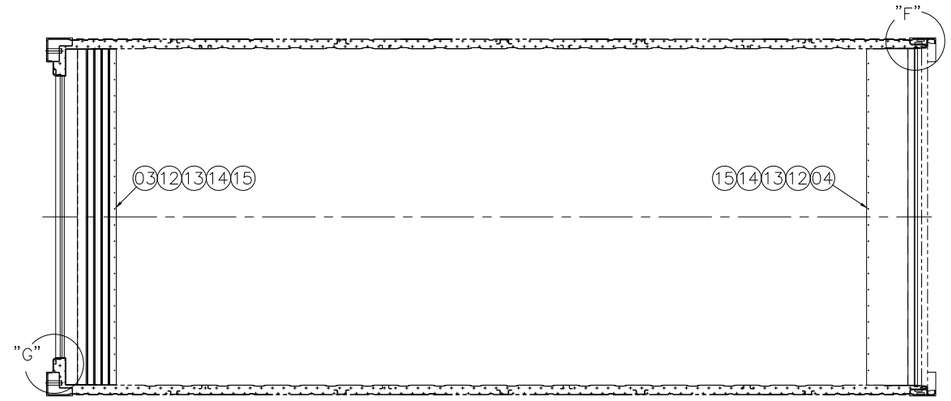
DETAIL OF E
SCALE 1:10



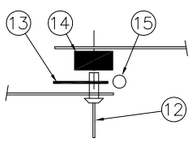
DETAIL OF G
SCALE 1:10



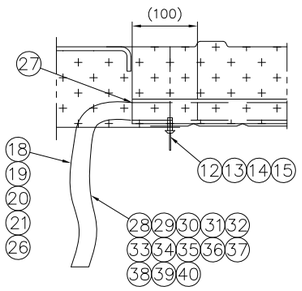
DETAIL OF C
SCALE 1:5



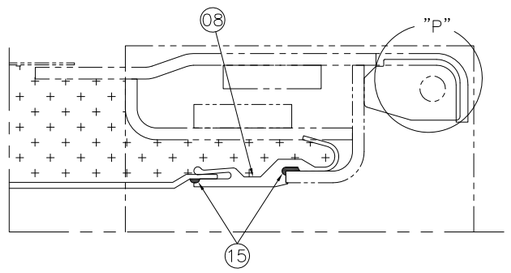
SECTION H–H
SCALE 1:40



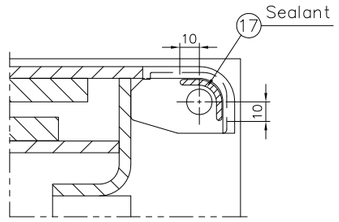
DETAIL OF B–1
SCALE 1:3



DETAIL OF B–2
SCALE 1:3



DETAIL OF F
SCALE 1:3

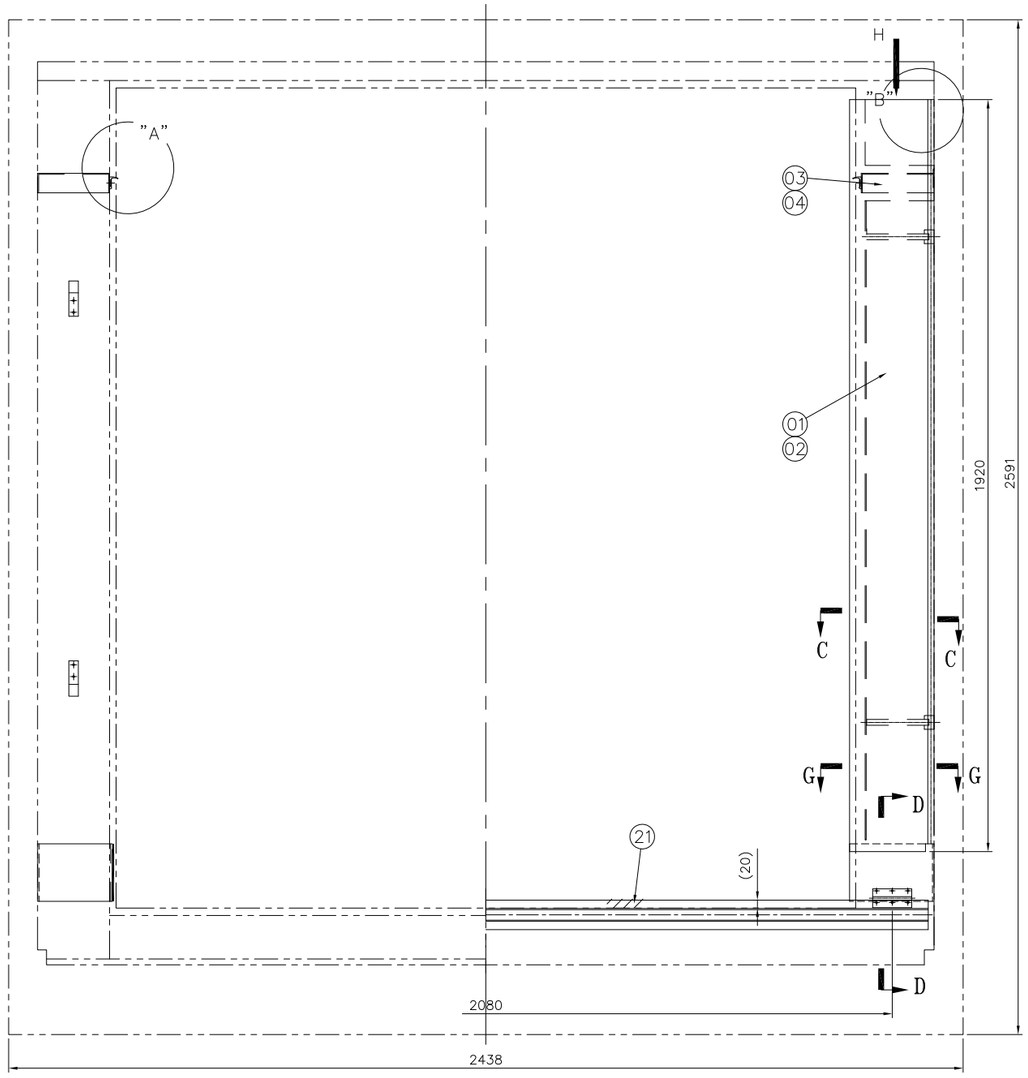


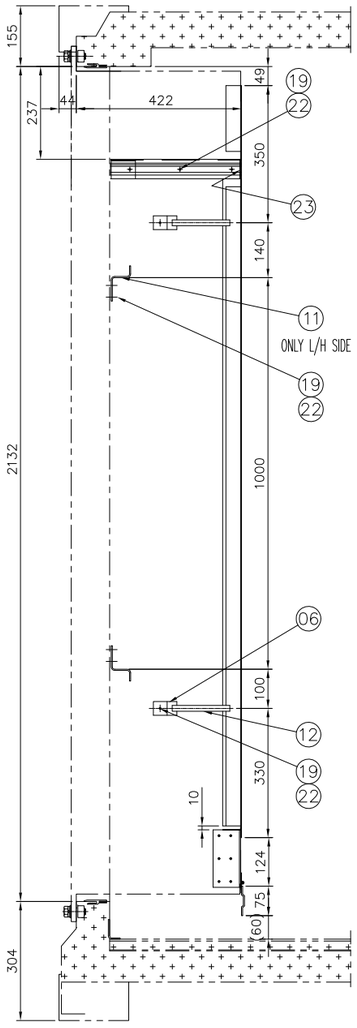
DETAIL OF P
SCALE 1:3

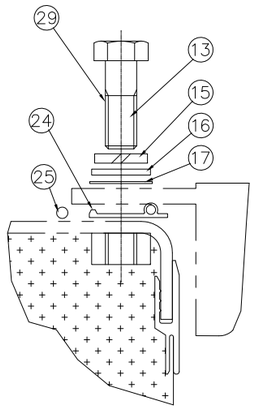
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK
32	LOCKNUT		3	SUS304	M5
31	SPRING WASHER		3	SUS304	D5
30	FLAT WASHER		3	SUS304	D5 GB/T97
29	HEXAGON HEAD BOLTS		3	SUS304	M5x16
28	CIRCUIT BREAKER		1		
27	TAPE		0.5M	PET	0.06X30
26	WIRE TUBE(BLACK)		2M	NYLON	AD13
25	ALUMINUM GUIDE RAIL		1	AA6061–T6	
24	PORTIERE ASSEMBLY		1	/	
23	SEALED TYPE BLIND RIVET		22	SUS304	ϕ4.8X15
22	FLAT WASHER		22	PE	ϕ12Xϕ5X0.25
21	LED DRIVER		1	/	HVG–65–24ADP
20	DTGA		6	CU	UT1.25–6
19	WIRE TUBE(BLACK)		4.5M	NYLON	ϕ18
18	WIRE		13M	/	3*1
17	SILICONE RUBBER		/	SILICONE	WHITE
16	RESIDUAL FOAM		/	PU	40–45KG/Cu.M
15	SEALANT		/	MS	GREY
14	SPONGE TAPE (ONE SIDE ADHESIVE)		43M	SPONGE	10X25
13	FOAM TAPE (ONE SIDE ADHESIVE)		43M	PVC	1.5X20
12	SEALED TYPE BLIND RIVET		155	Al	ϕ4.8X12
11	MONOBOLT		152	Al	ϕ4.8X10
10	FRONT VER. PVC		2	PVC	
09	FRONT HOR. PVC		2	PVC	
08	REAR SIDE PVC		2	PVC	
07	REAR TOP PVC		1	PVC	
06	CORNER COVER		2	AA6061–T6	
05	REAR SIDE LINING		1+1	AA6061–T6	
04	REAR TOP LINING		1	AA5052–H46	
03	FRONT TOP LINING		1	AA5052–H46	
02	FRONT SIDE LINING		1+1	AA5052–H46	
01	FRONT BTM LINING		1	AA5052–H46	
40	FLAT WASHER		4	SUS304	D4–GB/T96.2
39	HEXAGON HEAD SEAD SELF–TAPPINGSCREW		4	SUS304	ST4.2x15–GB/T15856.1
38	TIES		20	NYLON	5x150
37	FLAT WASHER		3	SUS304	D5 GB/T97
36	WATERPROOF BELLOWS JOINT		1	/	PG11
35	WATERPROOF BELLOWS JOINT		1	/	PG9
34	TRACK		0.2M	SUS304	TF35–7.5
33	SUCKER		8	/	25x25

TITLE	INTERNAL CLADDING ASSEMBLY	SIZE	A3	PAGE	1/1
DWG. NO.	2FP210302–NZ	SCALE	1:40	REV	C
◇ CRITICAL CHARACTERISTIC		DESIGN		STANDARD	
▽ SPECIAL CHARACTERISTIC		CHECK		APPROVED	
		PROCESS		DATE	

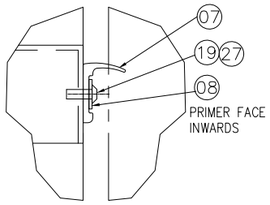
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE



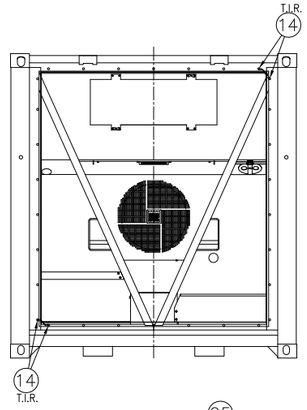


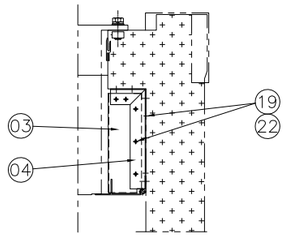


DETAIL OF F
SCALE 1:3

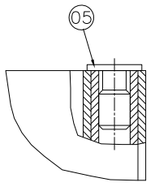


DETAIL OF A
SCALE 1:3

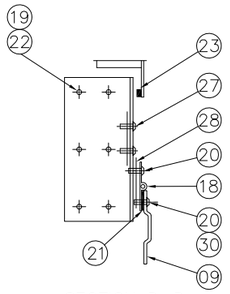




VIEW "H"
SCALE 1:1



DETAIL OF B
SCALE 1:3



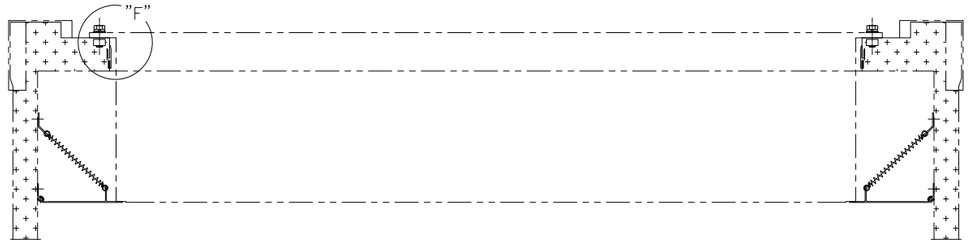
SECTION D–D
SCALE 1:6

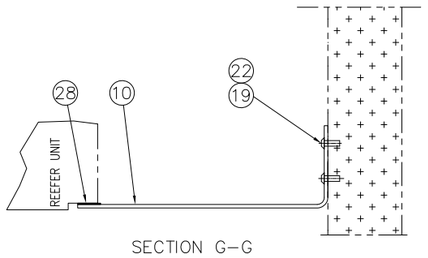
REEFER UNIT: TK Magnum Plus

	SEALED TYPE BLIND RIVET		24	SUS304	ϕ6.4X14
30	INSU. WASHER		6	PE	ϕ12XϕX0.25
29	THREAD LOCKER GLUE			AN	
28	INSU. TAPE		1M	PE	0.13X38
27	SEALED TYPE BLIND RIVET		24	Al	ϕ4.8X15
25	SEALANT			SILICONE	WHITE
24	REEFER SHIM		1	EPDM	2.0X40
23	FOAM TAPE (ONE SIDE ADHESIVE)		5.5M	PVC	4.8X8
22	FOAM TAPE (ONE SIDE ADHESIVE)		6.1M	PVC	1.5X20
21	FOAM TAPE (ONE SIDE ADHESIVE)		4.6M	PVC	4.5X20
20	SEALED TYPE BLIND RIVET		12	SUS 304	ϕ4.8X12
19	SEALED TYPE BLIND RIVET		78	Al	ϕ4.8X12
18	HINGE		2	SUS 304	4"
17	INSU. WASHER		30	GRP	
16	WASHER		30	SUS 304	16–GB97.1
15	SPRING WASHER		30	SUS 304	16–GB7244
14	HEXAGONAL HEAD SCREW T.I.R.		4	SUS 304	M16X45
13	HEXAGONAL HEAD SCREW		26	SUS 304	M16X45
12	TENSION SPRING		4	SUS 304	
11	SENSOR BRACKET		2	AA5052–H32	
10	CLEANOUT PANEL SUPPORTER		2	AA5052–H32	
09	CLEANOUT PANEL		1	AA5052–H32	
08	PRESSING BAR		2	AA5052–H46	
07	GASKET		2	EPDM	
06	ANGLE FIXING SPRING		4	AA5052–H32	
05	FIXING PIN		2	AA6061–T6	
04	BAFFLING PLATE		1+1	AA5052–H46	
03	BAFFLING PLATE		1+1	AA5052–H46	
02	SIDE HINGE PLATE		2	AA6061–T6	
01	SIDE PASSAGE PLATE		1+1	AA6061–T6	

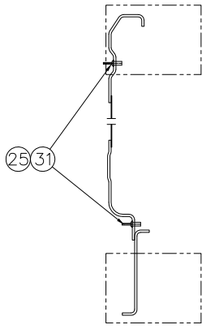
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK

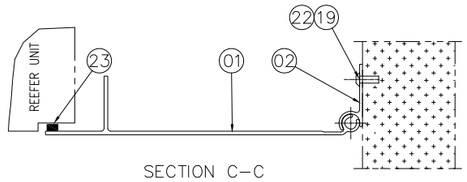
TITLE REEFER UNIT ASSEMBLY	SIZE	A3	PAGE 1/1
DWG. NO. 2FP210302–LJ	SCALE	1:15	REV F
◇ CRITICAL CHARACTERISTIC	DESIGN		STANDARD
▽ SPECIAL CHARACTERISTIC	CHECK		APPROVED
	PROCESS		DATE





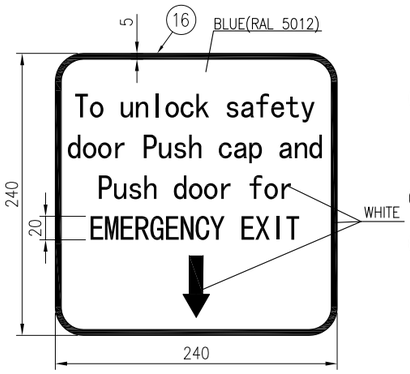
SECTION G–G
SCALE 1:5

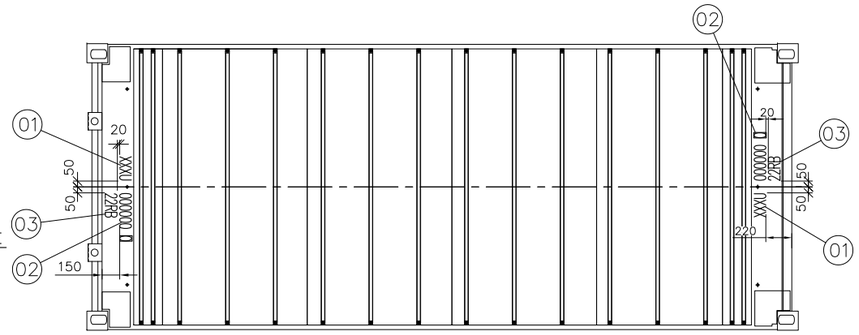


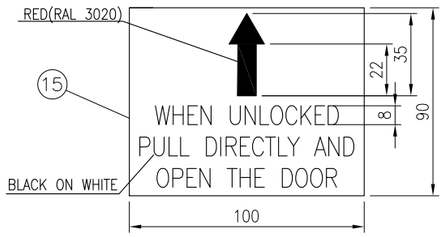


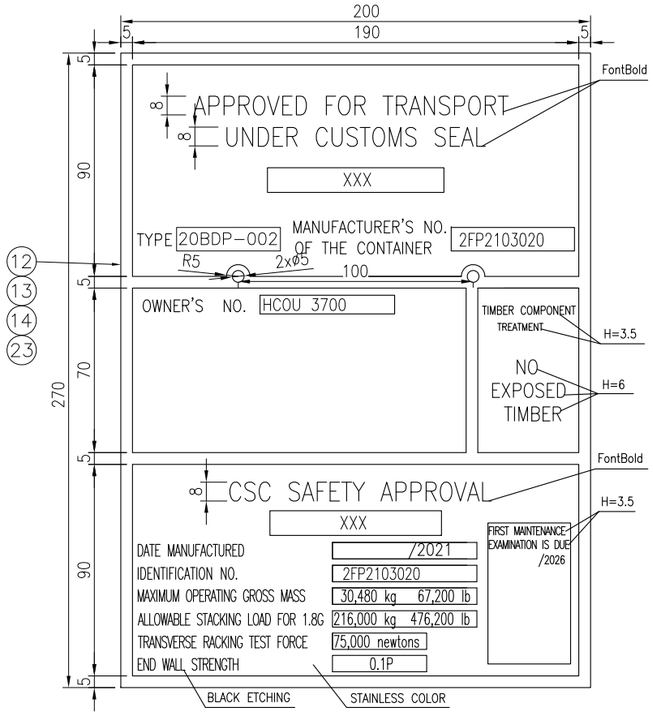
SECTION C–C
SCALE 1:4

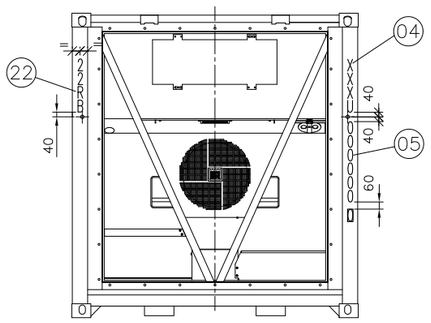
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

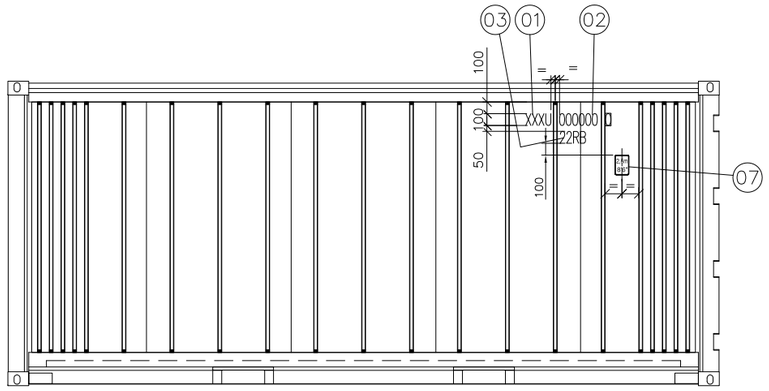


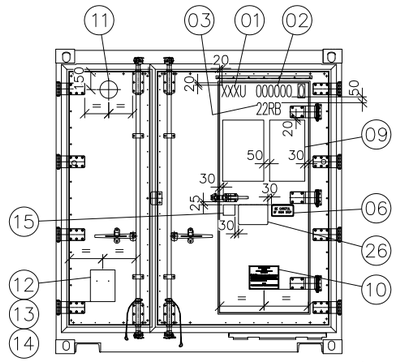


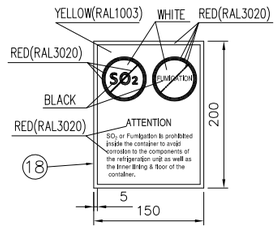


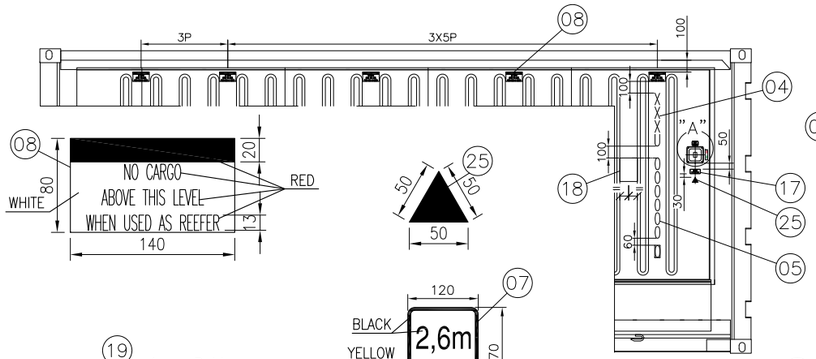


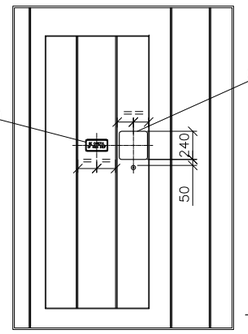


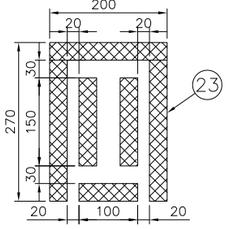




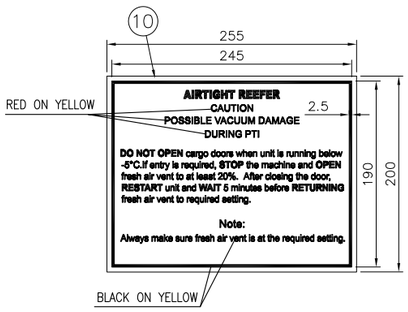


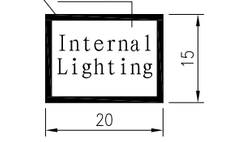




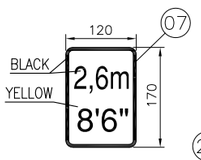


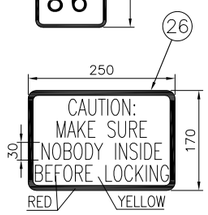
1、OWNER CODE & SERIAL NO.: HCOU370060-HCOU370089;
2、Manufacturer's NO. :TK Magnum Plus .

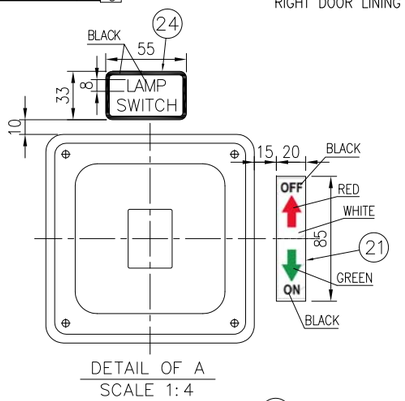




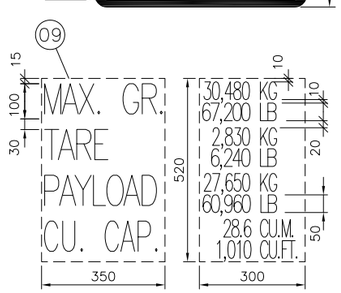
LED POWER CABLE MARKING
IN THE CONTROL CABINET OF UNIT

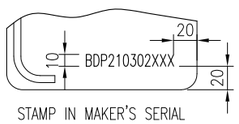




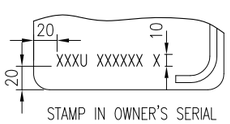


DETAIL OF A
SCALE 1:4





STAMP IN MAKER'S SERIAL
NO. BEFORE PAINTING



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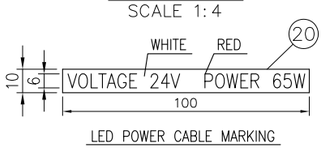
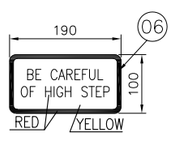
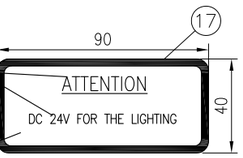
NO. BEFORE PAINTING



LED POWER CABLE MARKING



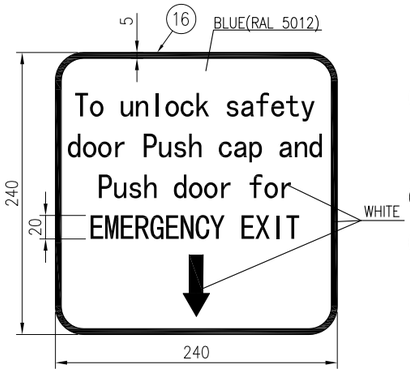


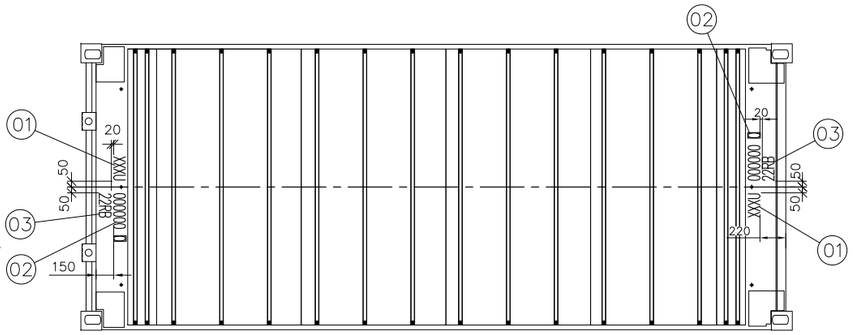
26	WARN MARK		1	PVC FILM	RED ON YELLOW
25	SELF-ILLUMINATING MARK		1	PVC FILM	WHITE
24	SELF-ILLUMINATING MARK FOR LIGHTS		1	PVC FILM	BLACK ON WHITE
23	2-S ADHESIVE TAPE	LT13-01004	1M	PE	1.0X30
22	TYPE CODE (VER.)		1	PVC FILM	BLACK(KISSCUT)
21	LAMP TAKE ON/OFF MARKING		1	PVC FILM	
20	LED POWER LINE MARKING		1	PVC FILM	RED ON WHITE
19	INNER LIGHTING DECAL		1	PVC FILM	BLACK ON WHITE
18	FUMIGATION DECAL		1	PVC FILM	
17	SELF-ILLUMINATING WARN MARK		1	PVC FILM	
16	SELF-ILLUMINATING DOOR LINING DECAL		1	PVC FILM	
15	LOCK DECAL		1	PVC FILM	
14	SEALANT		/	SILICONE	CLEAR
13	SEALED TYPE BLIND RIVET		2	SUS 304	φ4.8X12
12	CONSOLIDATED DATE PLATE		1	SUS 304	
11	CLASS EMBLEM		1	PVC FILM	
10	VACUUM DAMAGE WARNING DECAL		1	PVC FILM	
09	WEIGHT MARK		1	PVC FILM	BLACK(KISSCUT)
08	LOAD LINE DECAL		10	PVC FILM	RED ON WHITE
07	HEIGHT MARK		2	PVC FILM	BLACK ON YELLOW
06	WARN MARK		2	PVC FILM	RED ON YELLOW
05	SERIAL NO.(VER.)		2	PVC FILM	BLACK(KISSCUT)
04	OWNER CODE(VER.)		2	PVC FILM	BLACK(KISSCUT)
03	TYPE CODE (HOR.)		5	PVC FILM	BLACK(KISSCUT)
02	SERIAL NO.(HOR.)		5	PVC FILM	BLACK(KISSCUT)
01	OWNER CODE(HOR.)		5	PVC FILM	BLACK(KISSCUT)

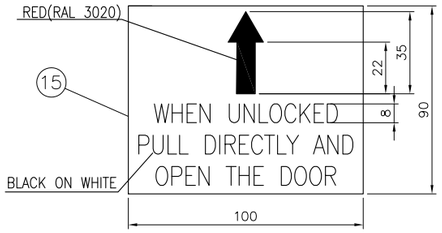
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK

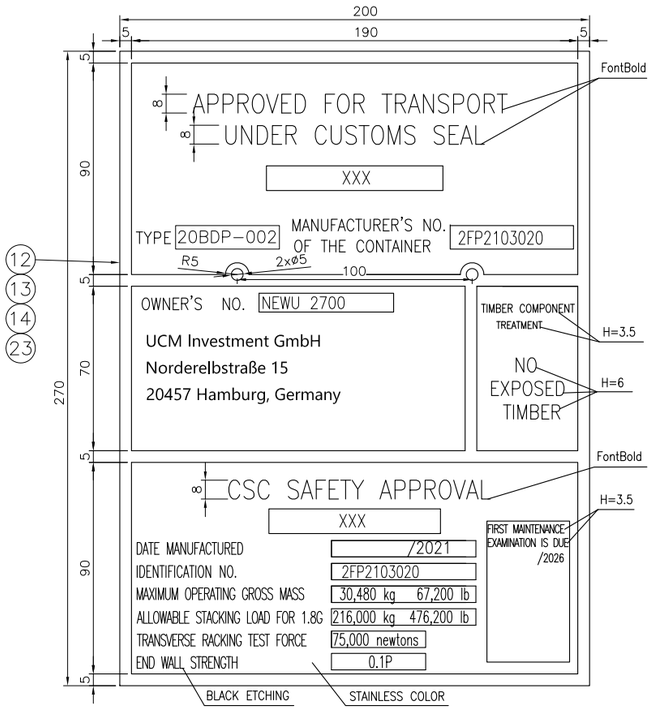
TITLE MARKING ARRANGEMENT	SIZE	A3	PAGE	1/1
DWG. NO. 2FP210302-BT1	SCALE	1:50	REV	C
◇CRITICAL CHARACTERISTIC	DESIGN		STANDARD	
▽SPECIAL CHARACTERISTIC	CHECK		APPROVED	
	PROCESS		DATE	

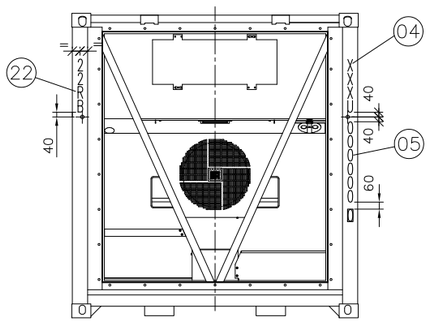
MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE

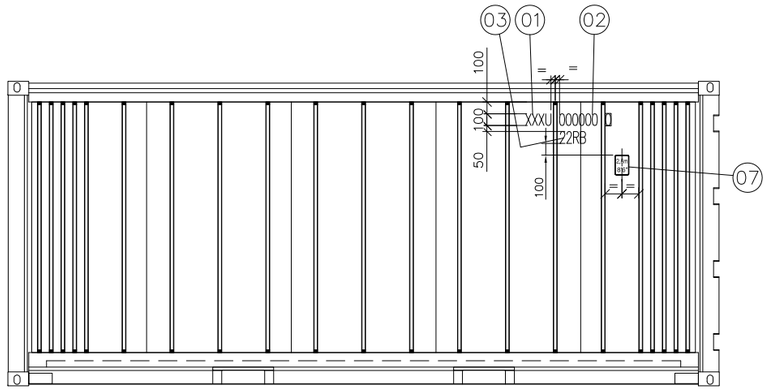


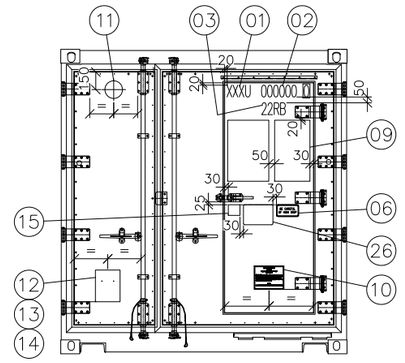




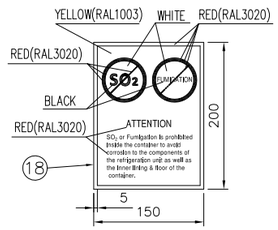


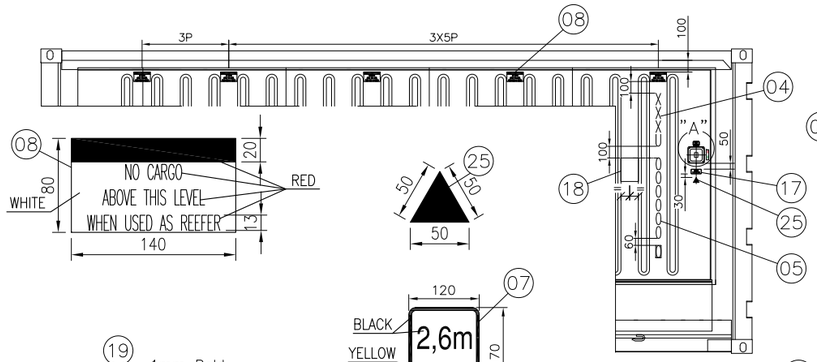


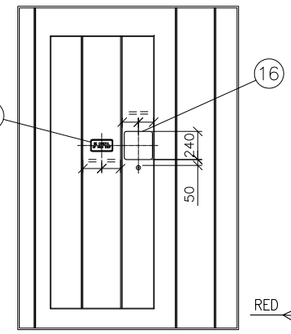


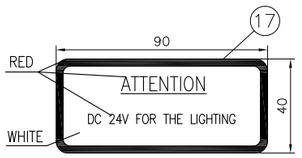


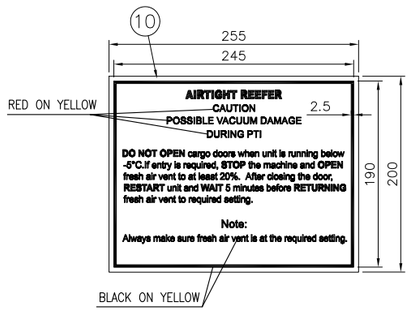
CONSOLIDATED DATE PLATE ADHESIVE TAPE

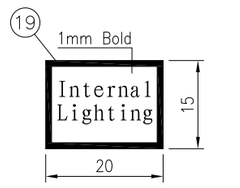




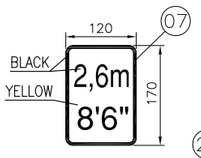


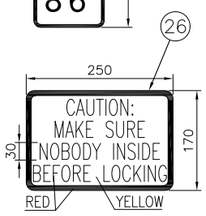


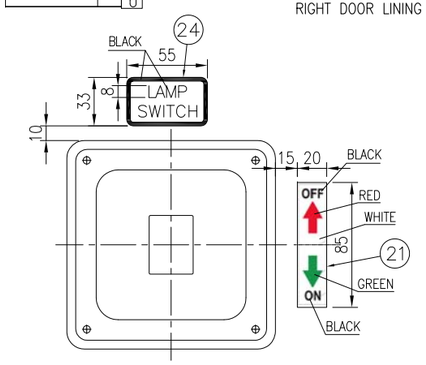




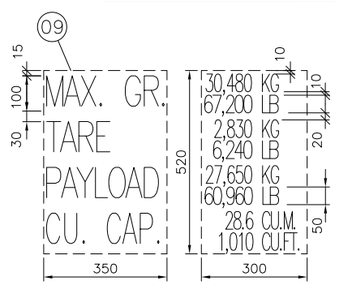
LED POWER CABLE MARKING IN THE CONTROL CABINET OF UNIT

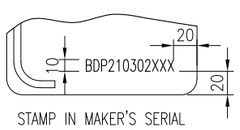




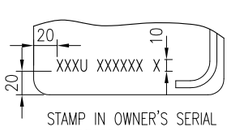


DETAIL OF A
SCALE 1:4





STAMP IN MAKER'S SERIAL NO. BEFORE PAINTING



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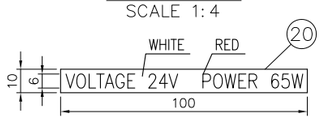
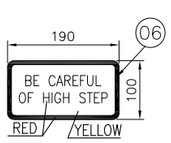


LED POWER CABLE MARKING



1、OWNER CODE & SERIAL NO.: NEWU270010 – NEWU270019
2、Manufacturer's NO. :TK Magnum Plus .

26	WARN MARK		1	PVC FILM	RED ON YELLOW
25	SELF-ILLUMINATING MARK		1	PVC FILM	WHITE
24	SELF-ILLUMINATING MARK FOR LIGHTS		1	PVC FILM	BLACK ON WHITE
23	2-S ADHESIVE TAPE		1M	PE	1.0X30
22	TYPE CODE (VER.)		1	PVC FILM	BLACK(KISSCUT)
21	LAMP TAKE ON/OFF MARKING		1	PVC FILM	
20	LED POWER LINE MARKING		1	PVC FILM	RED ON WHITE
19	INNER LIGHTING DECAL		1	PVC FILM	BLACK ON WHITE
18	FUMIGATION DECAL		1	PVC FILM	
17	SELF-ILLUMINATING WARN MARK		1	PVC FILM	
16	SELF-ILLUMINATING DOOR LINING DECAL		1	PVC FILM	
15	LOCK DECAL		1	PVC FILM	
14	SEALANT		/	SILICONE	CLEAR
13	SEALED TYPE BLIND RIVET		2	SUS 304	ϕ4.8X12
12	CONSOLIDATED DATE PLATE		1	SUS 304	
11	CLASS EMBLEM		1	PVC FILM	
10	VACUUM DAMAGE WARNING DECAL		1	PVC FILM	
09	WEIGHT MARK		1	PVC FILM	BLACK(KISSCUT)
08	LOAD LINE DECAL		10	PVC FILM	RED ON WHITE
07	HEIGHT MARK		2	PVC FILM	BLACK ON YELLOW
06	WARN MARK		2	PVC FILM	RED ON YELLOW
05	SERIAL NO.(VER.)		2	PVC FILM	BLACK(KISSCUT)
04	OWNER CODE(VER.)		2	PVC FILM	BLACK(KISSCUT)
03	TYPE CODE (HOR.)		5	PVC FILM	BLACK(KISSCUT)
02	SERIAL NO.(HOR.)		5	PVC FILM	BLACK(KISSCUT)
01	OWNER CODE(HOR.)		5	PVC FILM	BLACK(KISSCUT)
ITEM	DESCRIPTION	DRAWING NO.	Q.TY	MATERIAL	REMARK

TITLE MARKING ARRANGEMENT	SIZE	A3	PAGE 1/1
DWG. NO. 2FP210302-BT2	SCALE	1:50	REV B
◇ CRITICAL CHARACTERISTIC	DESIGN		STANDARD
▽ SPECIAL CHARACTERISTIC	CHECK		APPROVED
	PROCESS		DATE

MARK	DESCRIPTION	MODIFY NO.	SIGN	DATE