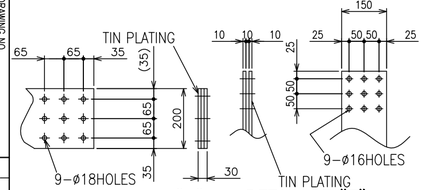
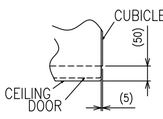
1S2J0365

TOLERANCES FOR LINEAR AND ANGULAR DIMENSIONS ARE BASED ON "JIS B0405-1991"

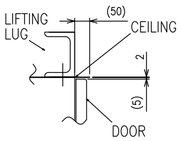


DETAIL OF "D" (DC OUTPUT BUS BAR)

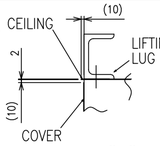
DETAIL OF "E" (AC INPUT BUS BAR)



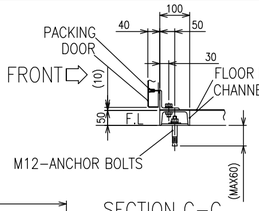
DETAIL OF "H"



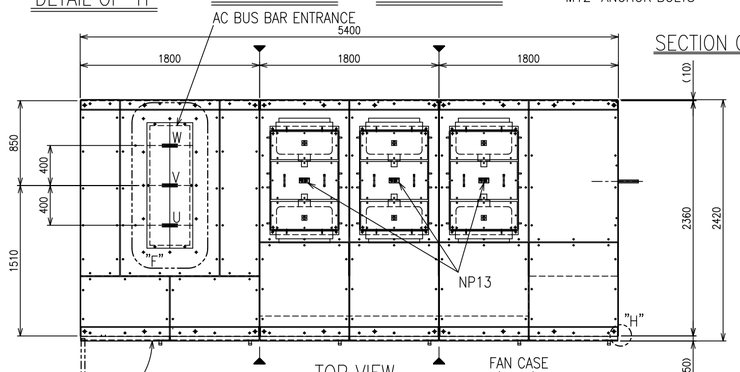
DETAIL OF "J"



DETAIL OF "K"

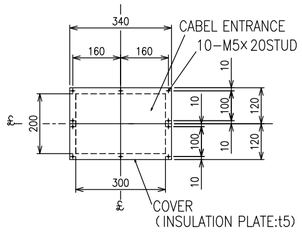


Note:
1.THE MARK ▶—SHOWS SHIPPING SPLIT OF CUBICLES.
2.DC OUTPUT BUS BARS ("D") ARE SHIPPING SPLIT.
3.AC INPUT BUS BARS ("E") ARE SHIPPING SPLIT.
4.MASS
WHOLE CUBICLE : 8900kg (APPROXIMATELY)
5.THE MARK ⓟ SHOWS CENTER OF GRAVITY WHEN SHIPPING.
6.THE MARK ⦿ SHOWS EARTHING CABLE INPUT POSITION.
7.FOLLOWINGS ARE NOT PROVIDED WITHOUT SCOPE
A.BOLTS AND NUTS TO CONNECTING AC INPUT BUS BAR.
8.FOLLOWING IS PROVIDED WITH SCOPE.
A.BOLTS AND NUTS TO CONNECTING FCB CUBICLE.
B.PUTTY FOR FILLING CREVICE BETWEEN COVER AND BUS BAR OR CABLE.
C.CHANNEL BASE
D.ANCHOR BOLTS.
E.BOLTS AND NUTS TO CONNECTING DC OUTPUT BUS BAR.
9.PROTECTION CLASS:IP31 (WITHOUT COOLING FAN AIR OUTLET)

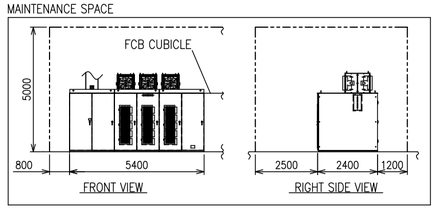


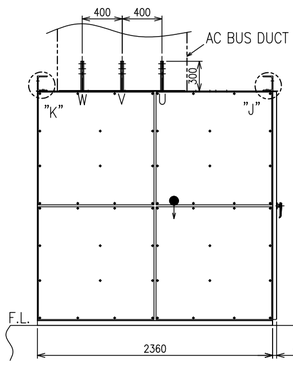
TOP VIEW

SECTION C-C

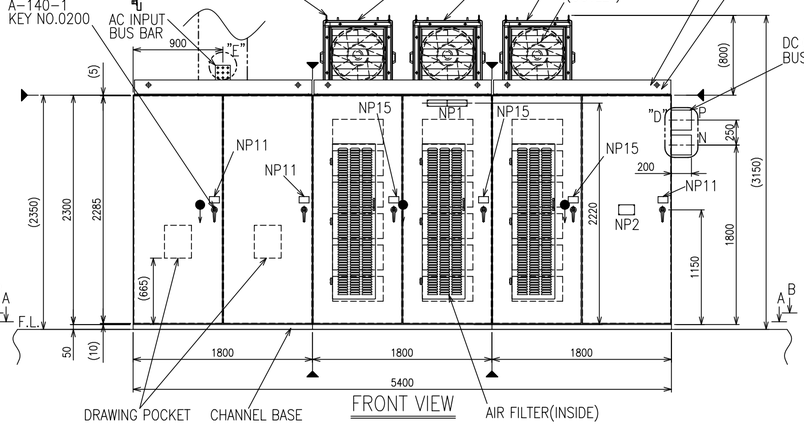


DETAIL OF "G"

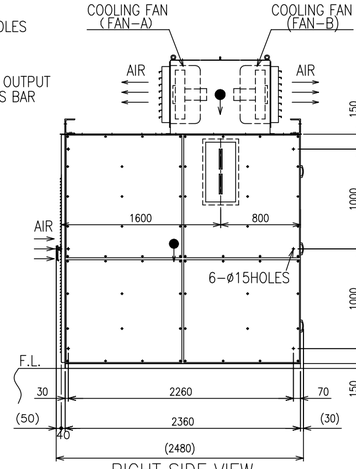




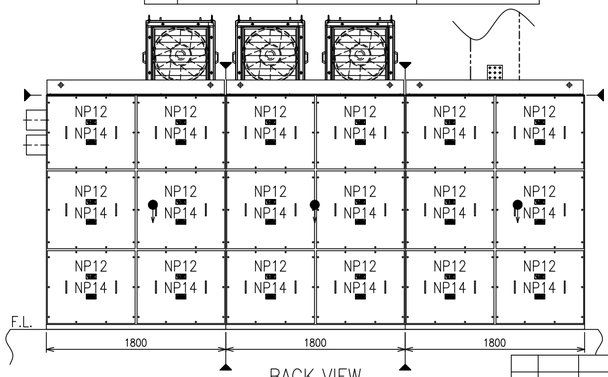
LEFT SIDE VIEW



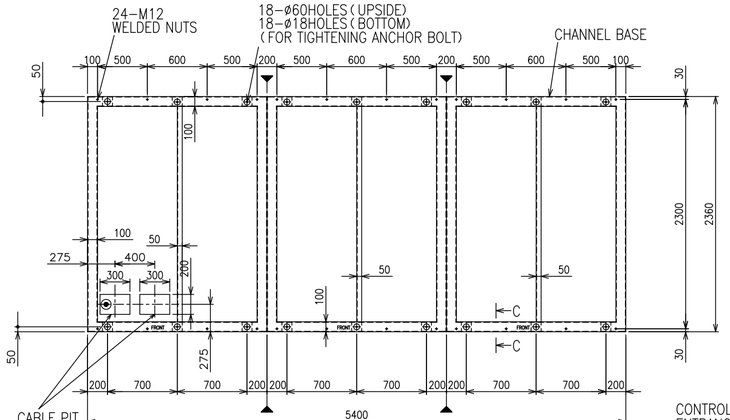
FRONT VIEW



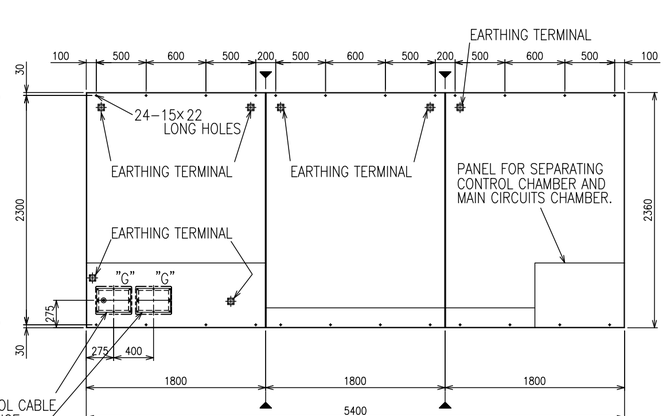
RIGHT SIDE VIEW



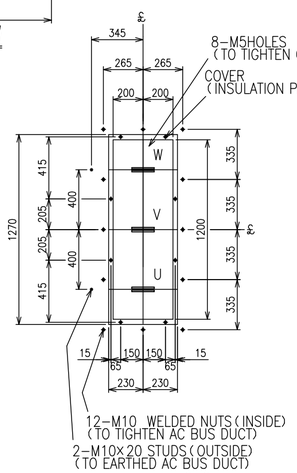
BACK VIEW



SECTION A-A

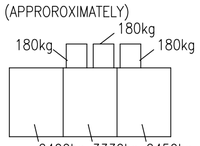


SECTION B-B



DETAIL OF "F"

MASS OF SHIPPING SPLIT (APPROXIMATELY)



FRONT VIEW

OTHERS(BUSBARS,BOLTS): 210kg

DESCRIPTION OF NAME PLATE(NP1)
MATERIAL :PHOTO-PRINTING ON ALUMINUM
LETTER :BLACK
BACKGROUND :SILVER
SIZE :400×63×t1.2
FONT :CALIBRI

No.	DESCRIPTION
	NP1
#5	50MKC10GU010 THYRISTOR RECTIFIER CUBICLE
#6	60MKC10GU010 THYRISTOR RECTIFIER CUBICLE

DESCRIPTION OF NAME PLATE(NP2)
MATERIAL :PHOTO-PRINTING ON ALUMINUM
LETTER :BLACK
BACKGROUND :SILVER
SIZE :160×100×t0.8

TOSHIBA
RECTIFIER
TYPE KREXB1-5216-638-RX

RATED OUTPUT	4147	kW	VOLTAGE	650	VDC
CURRENT	6380	ADC	FREQUENCY	50	Hz
WEIGHT	8900	kg	COOLING AIR	70	m³/min
ORDER No.					
SERIAL No.					
DATE					

TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
MADE IN JAPAN

No.	DESCRIPTION		
	ORDER No.	SERIAL No.	DATE
#5	M211995 FL 2271	180990008	Feb.2019
#6	M211996 FL 2271	190990001	May.2019

DESCRIPTION OF PL LABEL(NP11)
SIZE: 115×63

SAFETY INSTRUCTIONS
1. Read and understand the instruction manual before operation.
2.Keep the doors locked during operation.
3.Keep personnel clear of live parts.

DESCRIPTION OF PL LABEL(NP12)
SIZE: 100×50

⚠WARNING
Hazardous voltage can shock, burn or cause death. Turn off power before opening panel.

DESCRIPTION OF PL LABEL(NP13)
SIZE: 100×50

⚠CAUTION
Rotating fan will cut hand. Turn off power before opening panel.

COLORING OF CUBICLE		
PART	COLOR	GLOSS
OUTSIDE SURFACE	5Y7/1	SEMI GLOSS
INSIDE SURFACE	5Y7/1	SEMI GLOSS
CHANNEL BASE	5Y7/1	SEMI GLOSS
INSTRUMENT	N1.5	SEMI GLOSS
COLOR CODE	MUNSELL COLOR SYSTEM	
PAINTING METHOD	BAKED-ON COAT	

REFERENCE DRAWING	
DRAWING NUMBER	TITLE
7K2J1888 (TJB56-L1-OFF-C-MKC-E-DSD-4711)	SCHEMATIC DIAGRAM FOR THYRISTOR RECTIFIER
1S2J0366 (TJB56-L1-OFF-C-MKC-E-DRD-4393)	ARRANGEMENT FOR THYRISTOR RECTIFIER CUBICLE

THICKNESS OF BOARDS	
PARTS	THICKNESS(mm)
DOOR	2.3(SS)
SIDE PANEL	2.5(SUS) ,2.3(SS)
BACK PANEL	2.5(SUS) ,2.3(SS)
CEILING	1.6(SS)
FLOOR PLATE	2.5(SUS) ,2.3(SS)

SS:STEEL
SUS:STAINLESS STEEL

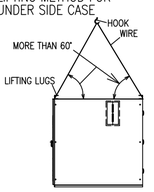
DESCRIPTION OF PL LABEL(NP14)
SIZE: 100×50

▲CAUTION
If the panel is opened, cooling capacity will decline and the system will become a trip.
Do not open the panel during operation.

DESCRIPTION OF PL LABEL(NP15)
SIZE: 100×50

▲CAUTION
Opening the door during operation will cause a decrease in dielectric strength. Do not open the door during operation except for inspection and replacement of air filter.

LIFTING METHOD FOR UNDER SIDE CASE



REV	DATE	DESCRIPTION	BY	CHKD	APPD
3	17.Mar.22	Issued for as-built	M.Y	M.S	M.S
2	25.Apr.19	REVISED	M.Y	M.S	M.S
1	18.Feb.19	REVISED	M.Y	M.S	M.S
0	24.Jul.18	Issued for construction	M.T	M.Y	M.S

OWNER: PT.Bhumi Jati Power

PROJECT TITLE: TANJUNG JATI B EXPANSION (JAWA-4) COAL FIRED STEAM POWER PLANT 2 x 1,000 MW

OWNER'S ENGINEER: PÖYRY

EPC CONTRACTORS: Sumitomo Corporation / PT. Wasa Mitra Engineering / AvantPower Japan Ltd.

PROJECT DRAWING NO.	REV
TJB56-L1-OFF-C-MKC-E-DRD-4346	3

APPD	M.S	SCALE	1/30	TITLE: OUTLINE DRAWING FOR THYRISTOR RECTIFIER CUBICLE
CHDK	M.Y			
	K.S	UNITS	VIEW	
BY	M.T	mm/in	ISO/PLAN/1ST/3RD	

EPC LOT SUB-CONTRACTOR: TOSHIBA 東芝エネルギーシステムズ株式会社 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION

EPC LOT SUB-CONTRACTOR DRAWING NO. 1S2J0365 REV 4

SHEET NO. 1 OF 1

ISSUED FOR AS-BUILT

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4	3	2	1	
Mar.17.22	Apr.25.19	Feb.18.19	May.14.18	年月日 DATE
M.Shibata	M.Shibata	M.Shibata	M.Shibata	承認 APPROVED BY
M.Shibata Y.Kanno	M.Shibata M.Takano	M.Shibata M.Takano	M.Yashiro Y.Kanno	調査 CHECKED BY
M.Yashiro T.Otake	M.Yashiro Y.Kanno	M.Yashiro Y.Kanno	M.Taura S.Takahashi	変更者 REVISED BY
ISSUED FOR AS-BUILT.	CHG.	CHG.	CHG.	記事 CONTENTS
				保管 REGISTERED

記号 MARK

REVISIONS 履歴

尺度 SCALE (1:30)

単位 UNITS mm

承認 APPROVED BY M.Shibata Mar. 28.18

調査 CHECKED BY M.Yashiro Y.Kanno Mar. 28.18

設計 DESIGNED BY M.Taura S.Takahashi Mar. 28.18

製図 DRAWN BY S.Takahashi Mar. 28.18

名称 TITLE: Outline Drawing For Thyristor Rectifier Cubicle

O/#M211995, M211996 FL 2271

TOSHIBA 東芝エネルギーシステムズ株式会社 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION

図面番号 DRAWING NO. 1S2J0365

REV. MARK 4

F 保管 REGISTERED

配布先 PRESENT TO

ANS0020-E