

! WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING
REMOTE DISCONNECTS AND FOLLOW LOCK OUT
AND TAG PROCEDURES BEFORE SERVICING.
INSURE THAT ALL MOTOR CAPACITORS HAVE
DISCHARGED STORED VOLTAGE. UNITS WITH
VARIABLE SPEED DRIVE, REFER TO DRIVE
INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE TO DO THE ABOVE COULD RESULT
IN DEATH OR SERIOUS INJURY.

! AVERTISSEMENT

TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET OUVRIR
LES SECTIONNEURS A DISTANCE. PUIS SUIVRE
LES PROCEDURES DE VERROUILLAGE ET DES
ETIQUETTES AVANT TOUTE INTERVENTION.
VERIFIER QUE TOUTS LES CONDENSATEURS
DES MOTEURS SONT DECHARGES. DANS LE CAS
D'UNITES COMPORTANT DES ENTRAÎNEMENTS
A VITESSE VARIABLE, SE REPORTER AUX
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR
DECHARGER LES CONDENSATEURS.
UN MANQUEMENT A LA PROCEDURE
CI-DESSUS PEUT ENTRAÎNER DES
BLESSURES GRAVES, VOIRE LA MORT.

! ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA,
INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA
LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO
ANTES DE PROCEDER AL SERVICIO. ASEGURESE
DE QUE TODOS LOS CAPACITORES DEL MOTOR
HAYAN DESCARGADO EL VOLTAJE ALMACENADO.
PARA LAS UNIDADES CON TRANSMISION
DE VELOCIDAD VARIABLE, CONSULTE LAS
INSTRUCCIONES PARA LA DESCARGA
DEL CONDENSADOR.
NO REALIZAR LO ANTEDICHO PUEDE PROVOCAR
LA MUERTE O LESIONES GRAVES.

NOTICE

USE COPPER CONDUCTORS ONLY!
FAILURE TO USE COPPER CONDUCTORS
COULD RESULT IN EQUIPMENT DAMAGE
AS THE EQUIPMENT WAS NOT DESIGNED
OR QUALIFIED TO ACCEPT OTHER TYPES
OF CONDUCTORS.

AVIS

N'UTILISER QUE DES CONDUCTEURS
EN CUIVRE!
L'UTILISATION DE MATÉRIAUX,
AUTRES QUE LE CUIVRE,
PEUT ENDOMMAGER L'EQUIPEMENT.
CELUI-CI N'AYANT PAS ÉTÉ CONÇU OU
HOMOLOGUÉ POUR ACCEPTER D'AUTRES
TYPES DE CONDUCTEURS.

AVISO

¡UTILICE CONDUCTORES DE COBRE SOLAMENTE!
SI NO UTILIZA CONDUCTORES DE COBRE,
EL EQUIPO PODRÍA SUFRIR DAÑOS,
YA QUE NO HA SIDO DISEÑADO NI CALIFICADO
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCE:

X, = ±
X,X = ±
X,XX = ±

FINISH ✓

ANGLES = ± ° HOLE DIA = +
CONFORMS TO ASME Y14.5M-1994.

TRANE

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DRAWN BY: R. SPENCER

© TRANE DATE: 27-AUG-2018

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

23115066

SHEET
1 OF 2

REV
E

DIAGRAM
PANEL COMPONENT LOCATION
ACRB

NOTES:

- 1 LINE VOLTAGE ENTRANCE FOR UNITS SUPPLIED WITH 380V-460V.
(SEE UNIT NAMEPLATE)
- 2 POWER SECTION
- 3 CONTROLS SECTION
- 4 CUSTOMER CONTROL POWER HAZARDOUS VOLTAGE ENTRANCE
- 5 CUSTOMER CONTROL POWER LOW VOLTAGE ENTRANCE
- 6 FREEZE PROTECTION SEPERATE 120V 1Ø OR 220V 1Ø CUSTOMER
POWER IS REQUIRED.
- 7 UNIT STATUS PROGRAMMABLE RELAY OUTPUTS. SEPARATE
120V 1Ø OR 220V 1Ø CUSTOMER POWER IS REQUIRED.
- 8 CUSTOMER SUPPLIED PUMP COMMAND SPEED SIGNAL.
- 9 EXTERNAL AUTO STOP AND EMERGENCY STOP INPUTS
- 10 EXTERNAL DEMAND LIMIT AND CHILLED WATER SETPOINT
INPUTS (4-20mA OR 2-10V)(OPTIONAL)
- 11 TRACER COMMUNICATIONS (OPTIONAL)
- 12 ICE MAKING CONTROL
- 13 EVAP WATER PUMP RUN SIGNAL
- 14 LINE VOLTAGE ENTRANCE FOR UNITS SUPPLIED WITH 200V-230V
OR 575V (SEE UNIT NAMEPLATE)
- 15 POWER SECTION (VOLTAGE AUTO TRANSFORMER ENCLOSURE)

SEE DETAIL A

SEE DETAIL B

SEE DETAIL F

SEE DETAIL G

SEE DETAIL E
ON SIDE PANEL

SEE DETAIL C

SIDE VIEW
(CONDUIT LOCATIONS)

FRONT VIEW
(DOORS NOT SHOWN)

DETAIL E

DETAIL C
MAIN LUG ONLY

DETAIL D

UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCE:
X, = ±
X,X = ±
X,XX = ±
ANGLES = ± °
HOLE DIA = +
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THIRD ANGLE PROJECTION

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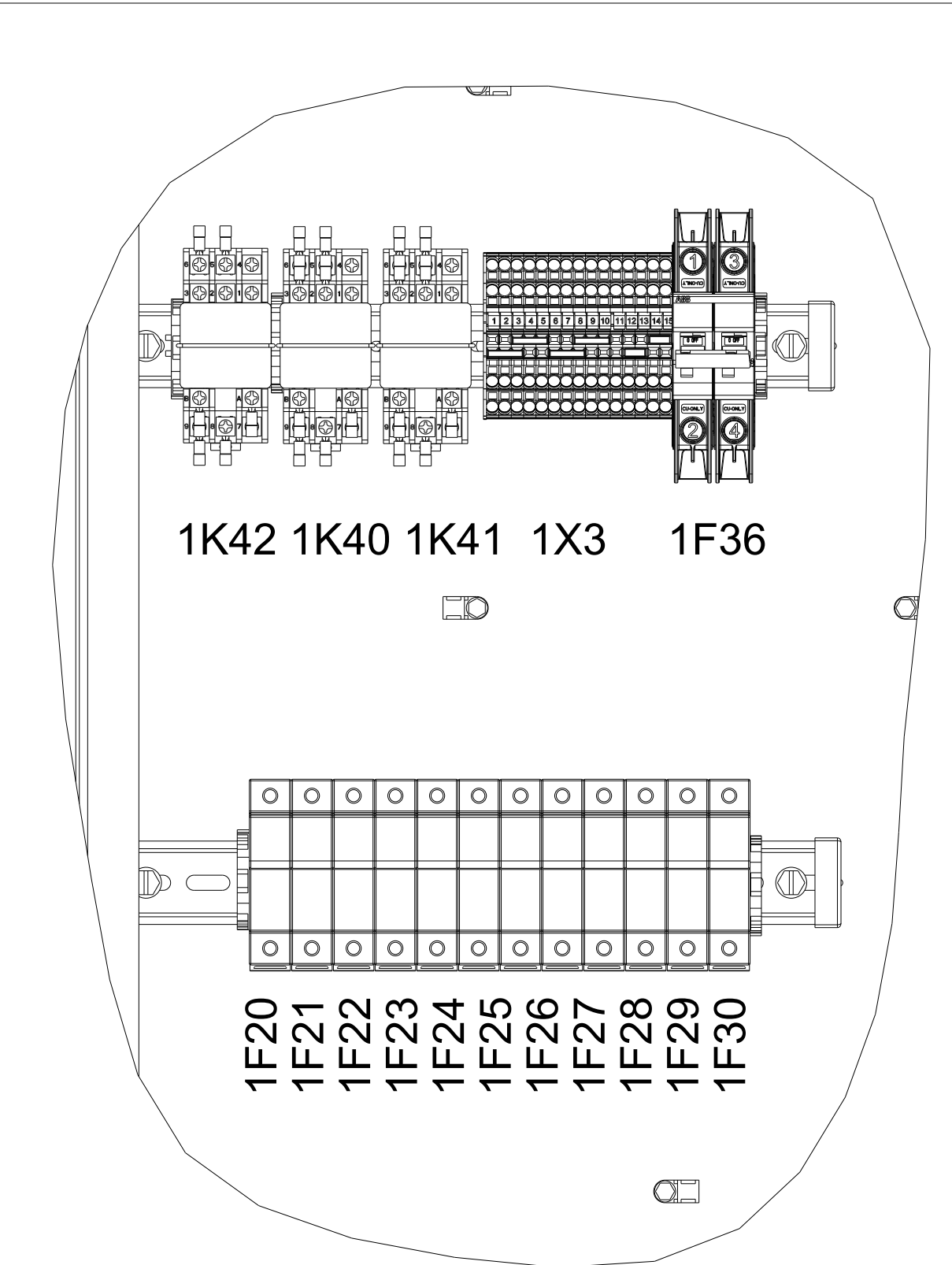
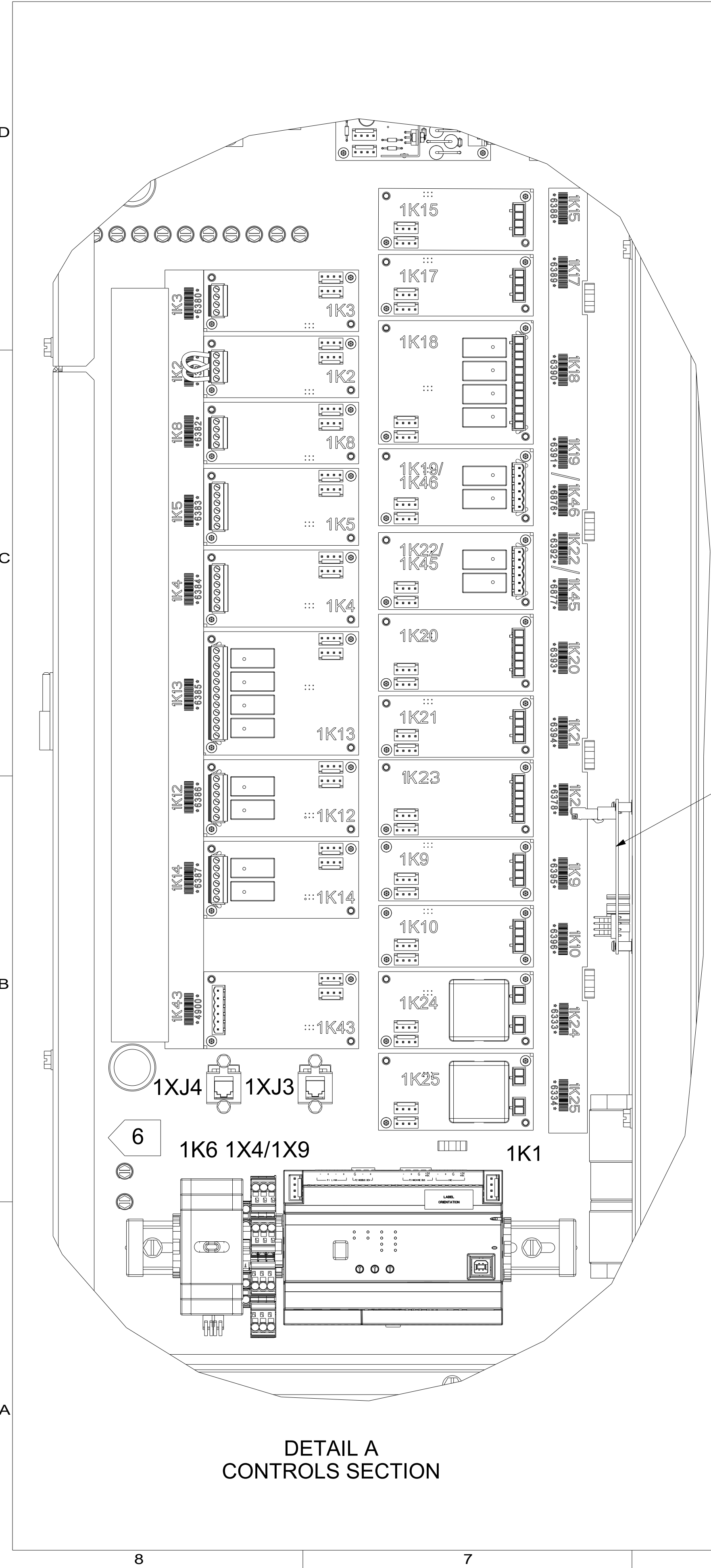
SHEET
2 OF 2

REV
E

DIAGRAM

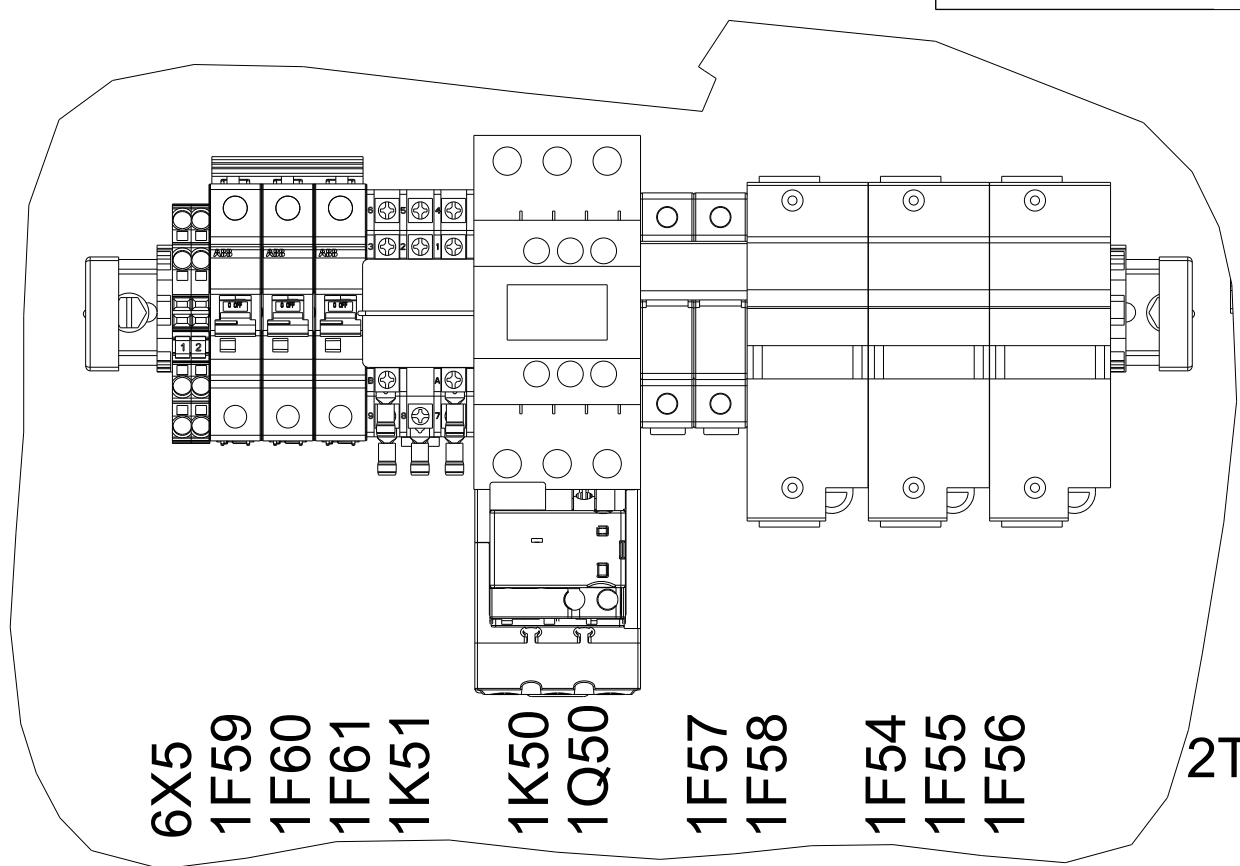
PANEL COMPONENT LOCATION

ACRB

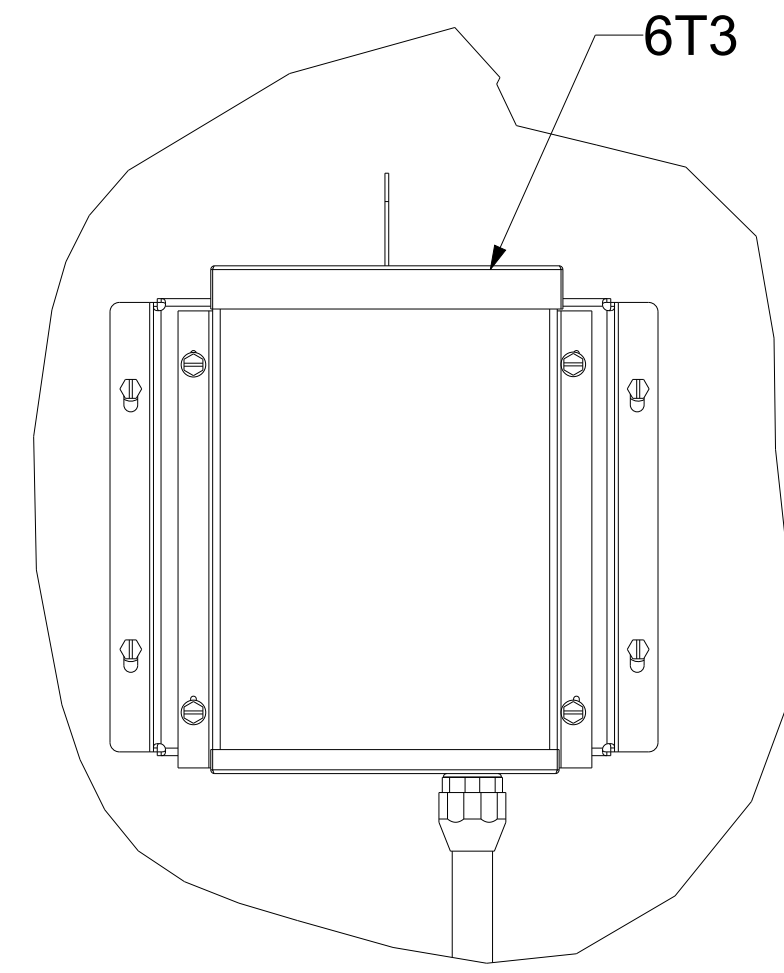


DETAIL B

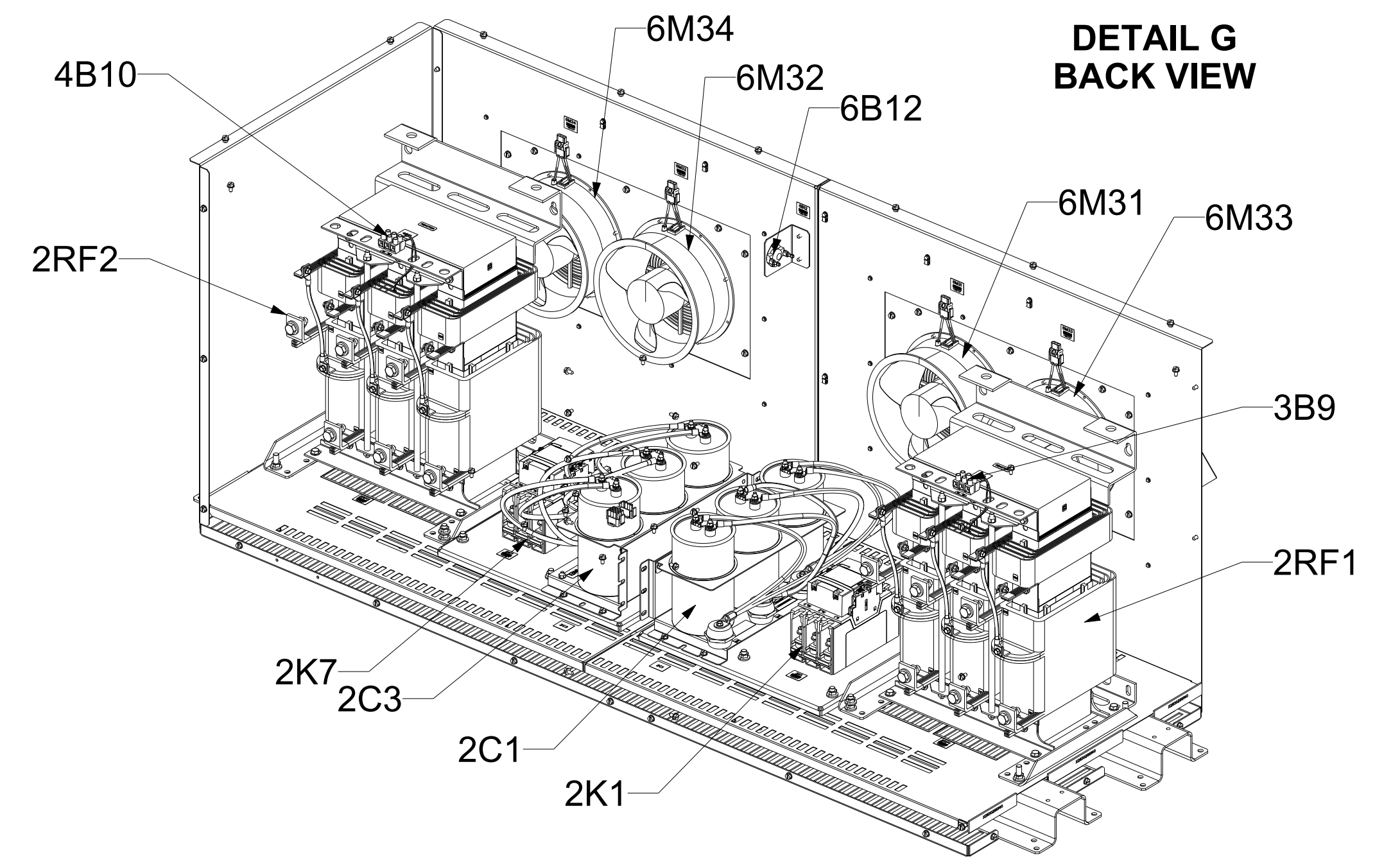
1K47
ON SIDE PANEL



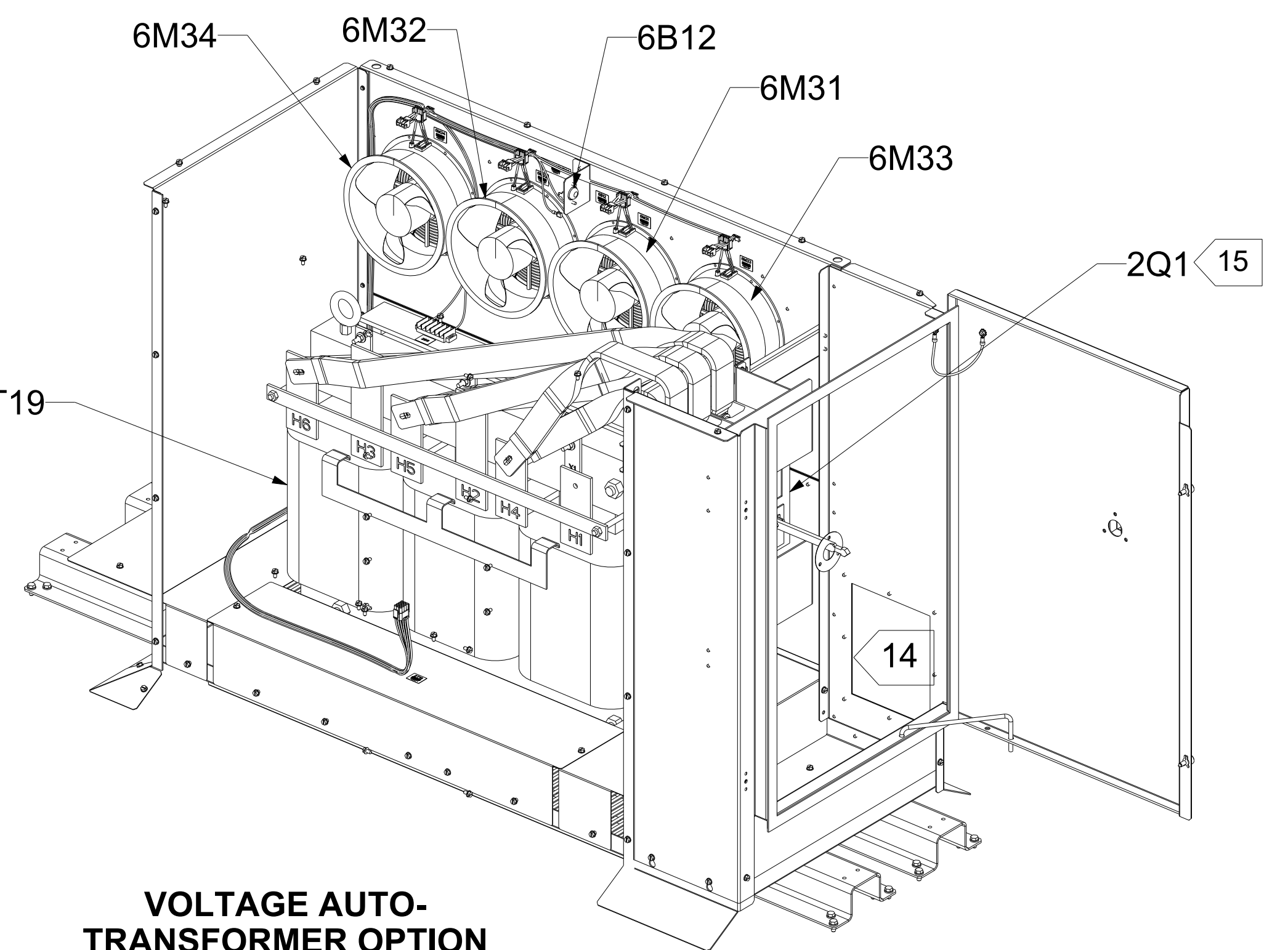
DETAIL F



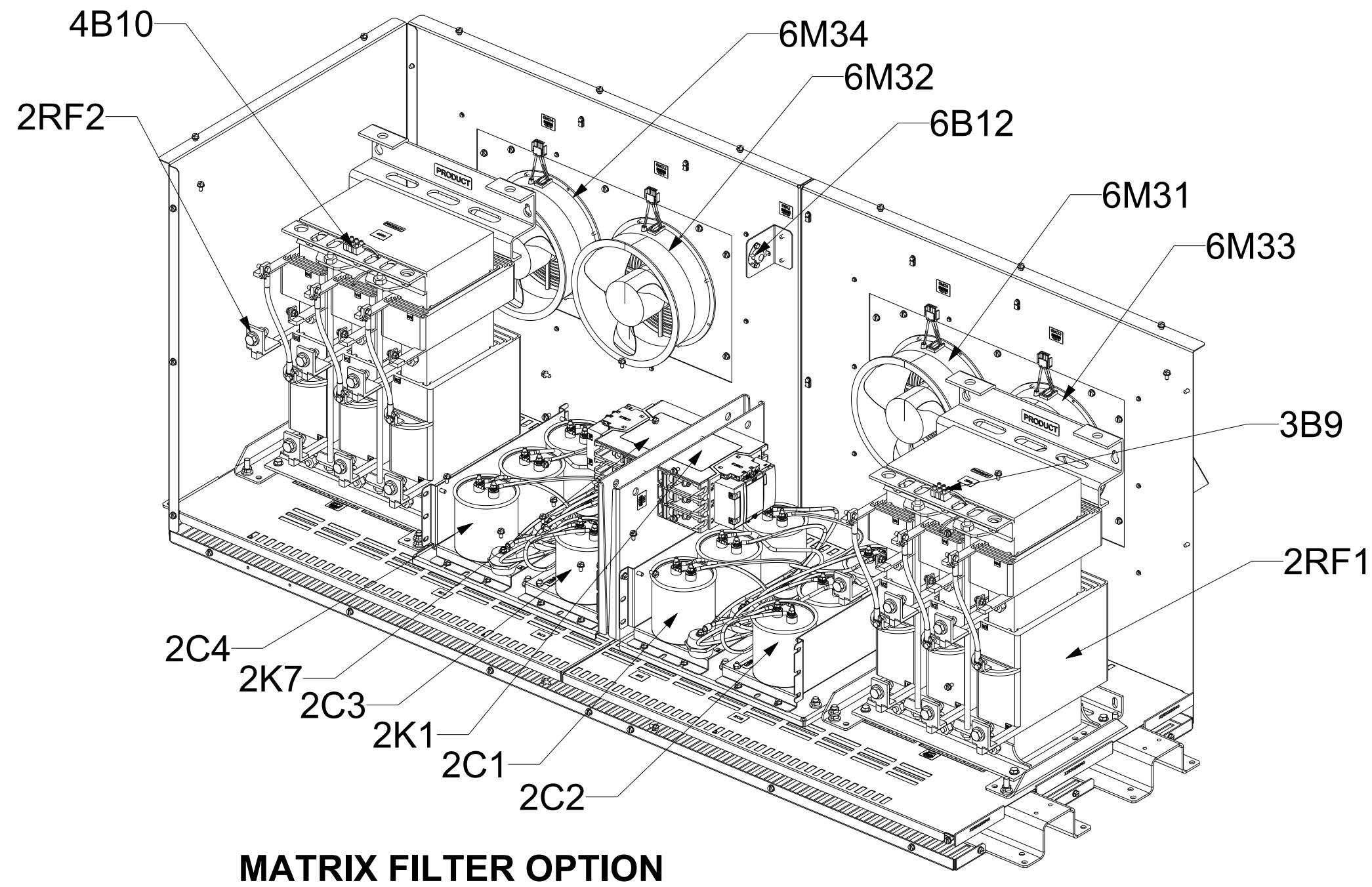
DETAIL G
BACK VIEW



MATRIX FILTER OPTION
208A, 240A, 320A, AND 403A



VOLTAGE AUTO-
TRANSFORMER OPTION



MATRIX FILTER OPTION
482A