
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60

All Rights Reserved

No part of this document can be reproduced in any form or by any means without the prior written permission of TectoPower AB (hereinafter "TectoPower").

Trademark

 **TectoPower** and other TectoPower trademarks used in this manual are owned by TectoPower. All other trademarks or registered trademarks mentioned in this manual are owned by their respective owners.

About This Manual

Notes

To ensure the safe use of the product, please read through the notes below carefully:

1. The warranty period agreed for this product is subject to the contract.
2. This manual is intended for personnel who are responsible for product installation and other work on the product. Users must have certain groundwork and mechanical expertise. TectoPower shall not be held liable for any personal injury or financial loss arising from the installation carried out by non-qualified personnel or not in compliance with the safety instructions specified in this manual.
3. The contents, images, logos, symbols, etc., used herein are the property of TectoPower. Any reproduction or disclosure, even partially, of the contents of this manual by personnel other than TectoPower staff is strictly prohibited without the prior written authorization of TectoPower.
4. The contents of this manual are subject to continuous updates and corrections; however, there may still be slight inconsistencies or errors compared with the actual product. Users should always refer to the purchased product as the final reference and may obtain the latest version of the manual via the company's website or sales channels.
5. To ensure the safety of the installation personnel, the product, and the system, follow the safety instructions specified in this manual strictly when installing the product. TectoPower shall not be held liable for any personal injury or financial loss arising from failure to follow the instructions specified in this manual.
6. For maintenance or modification of this product, please contact TectoPower customer service in advance. The copyright of this user manual is owned by TectoPower. All rights not expressly granted are reserved. The content of the manual is subject to change without notice, and the actual up-to-date product shall prevail.

Target Group

This manual is intended for qualified technical persons who are responsible for the installation, operation, and maintenance of the charger foundation. All installation operations must be performed by qualified technical persons.

How to Use This Manual

Read through this manual carefully before using the product, and keep it in an accessible location. The contents of this manual are subject to continuous updates and corrections; however, there may still be slight inconsistencies or errors compared with the actual product. In such cases, the actual product you have purchased should take precedence.

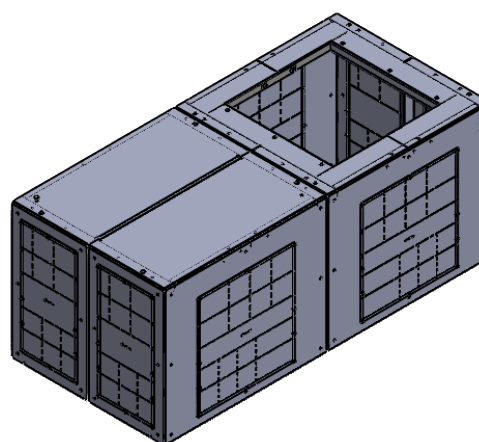
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60

CONTENTS

ALL RIGHTS RESERVED	I
ABOUT THIS MANUAL	I
MEASUREMENTS	1
PARTS	2
ASSEMBLY OF GABLES	3
ASSEMBLY OF BRACKETS	4
GROUNDING	5
GROUNDWORKS*	6-10

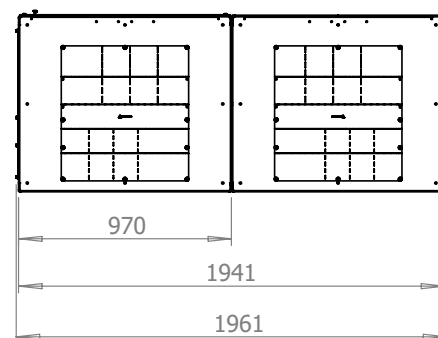
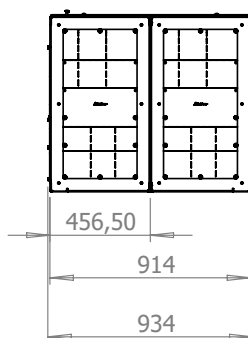
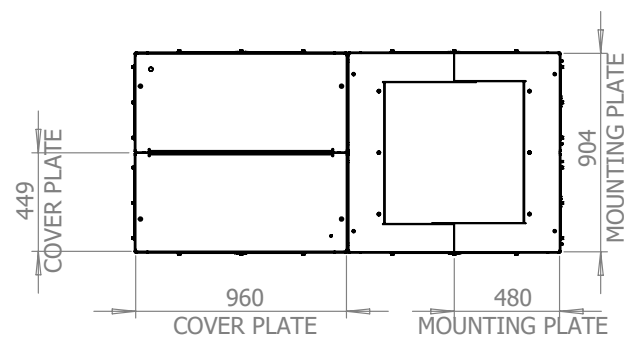
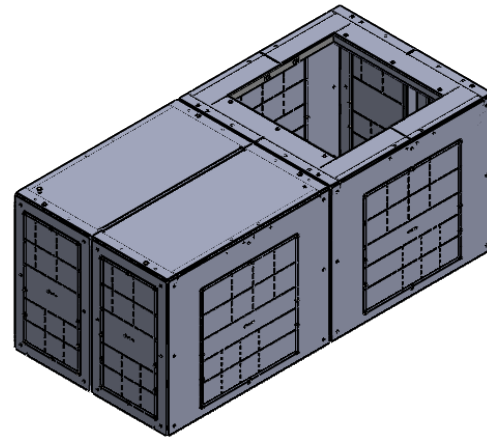


*IMPORTANT! THIS DOCUMENT IS INTENDED AS A GENERAL PRINCIPLE DRAWING ONLY AND DOES NOT RELIEVE THE GROUNDWORKS CONTRACTOR THE RESPONSIBILITY TO COMPLY WITH APPLICABLE REGULATIONS, STANDARDS, PROJECT SPECIFICATIONS, OR GOOD ENGINEERING PRACTICE.

INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

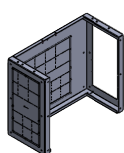
1060-4800-0999-60



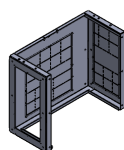
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



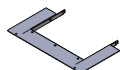
1060-4800-1110-6
GABLE POS. 1 A
2PCS



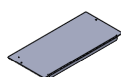
1060-4800-1110-6
GABLE POS. 1 D
2PCS



1060-4800-0102-2
STIFFENING BRACKET
2PCS



1060-4800-1221-4
MOUNTING PLATE M400
2PCS



1060-4800-1212-4
COVER PLATE M400
2PCS



9200-1000-5302-0
SCREW 10,6*23
28PCS

INSTALLATION
16MM SOCKET



9200-1000-3572-0
LIFTING HANDLE
2PCS

9200-1000-5300-0
SCREW 8,6*16
12PCS

BRACKETS
13MM SOCKET



9200-1000-3592-0
SCREW M10*20
4PCS

COVER PLATES
6MM ALLEN KEY



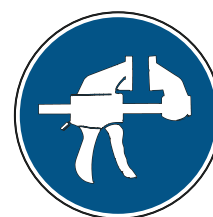
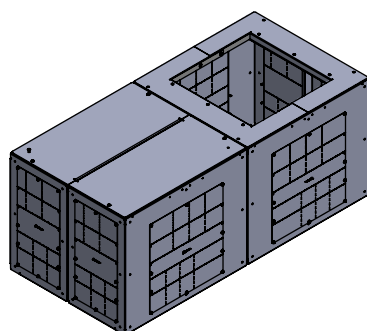
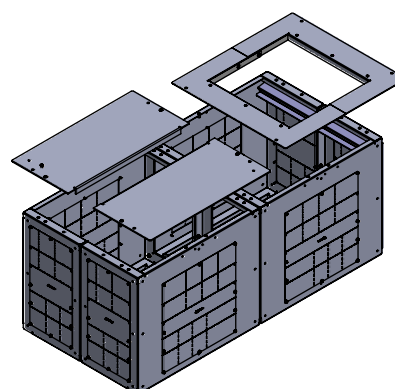
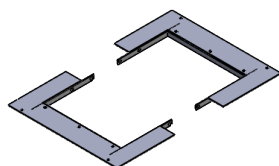
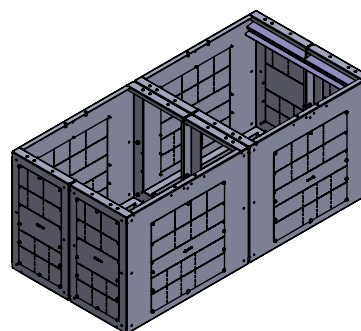
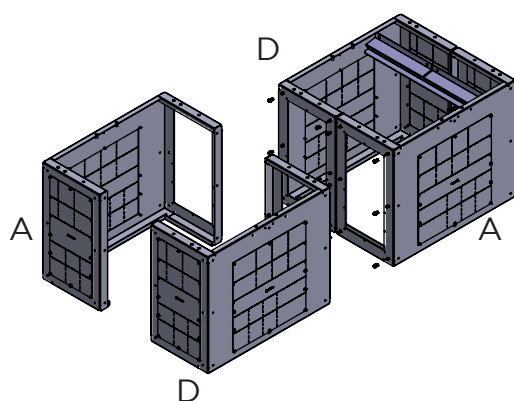
9200-1000-6404-0
EARTH BRACKET
2PCS

10MM SOCKET
2

INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60

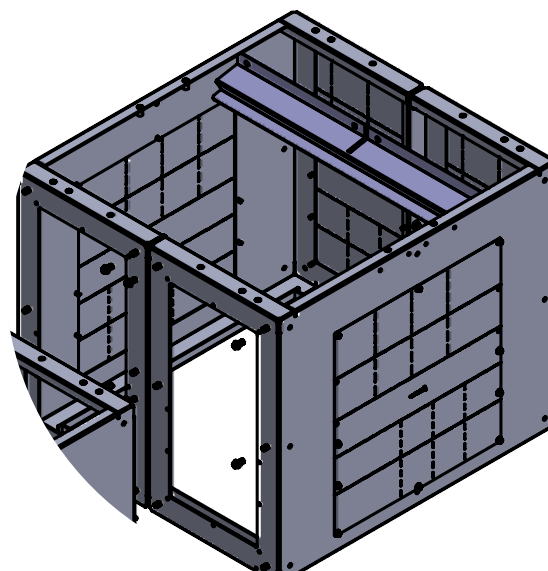
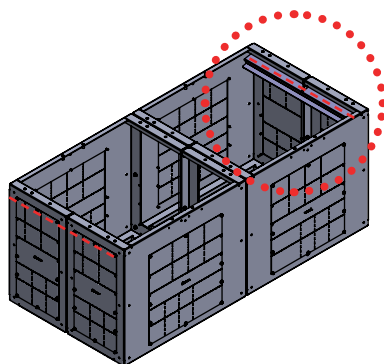


MIN 45Nm
MAX 50Nm

INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



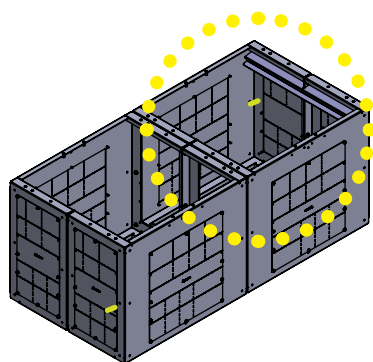
1060-4800-0102-2
STIFFENING BRACKET
2PCS

IMPORTANT TO IN-
STALL BEFORE COM-
PACTING

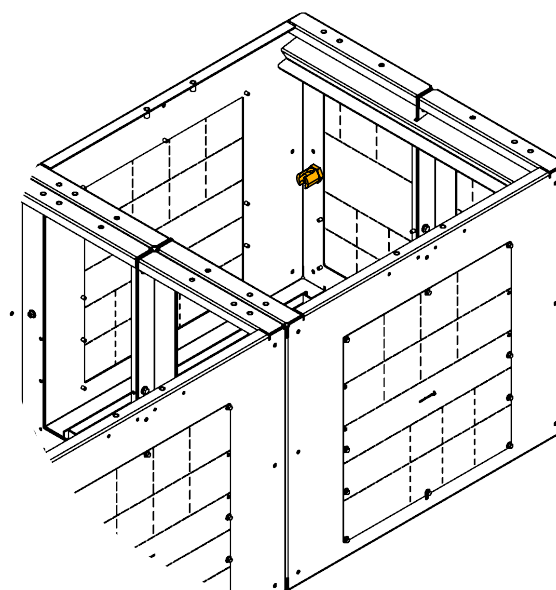
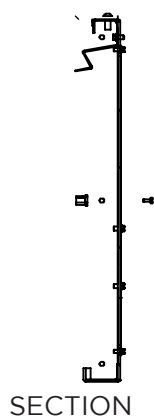
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



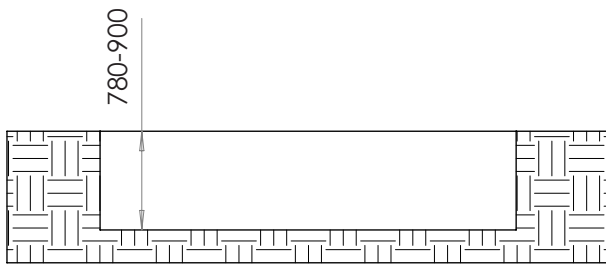
9200-1000-6404-0
EARTH BRACKET 10MM SOCKET
2PCS



INSTALLATION GUIDE

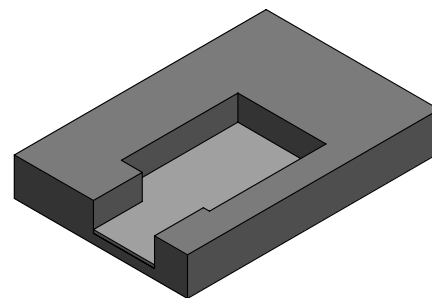
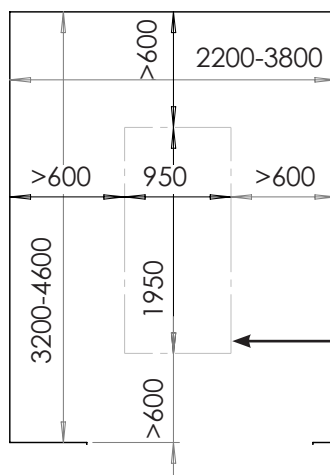
FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



EXISTING, FIRM GROUND - MINIMUM ALLOWABLE BEARING CAPACITY 100kPa

MINIMUM DEPTH 780MM
 IF NEEDED, PREPARE BOTTOM AREA WITH COMPACTED SAND TO ENSURE SURFACE FLATNESS

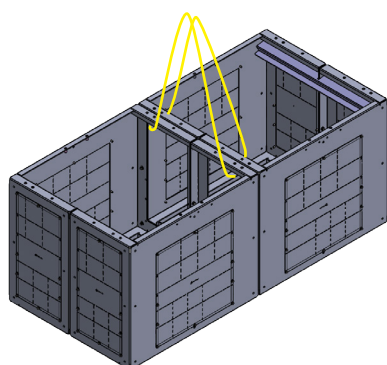


EXTENTS OF FOUNDATION

INSTALLATION GUIDE

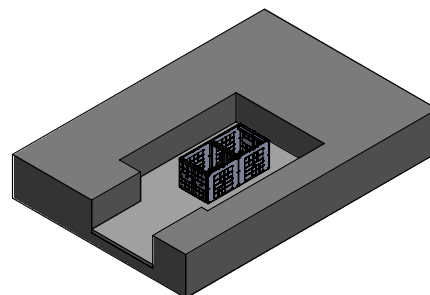
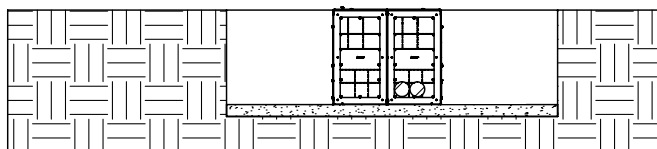
FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



LIFT FOUNDATION IN PLACE

ENSURE THE FOUNDATION IS LEVEL
 $\pm 2\text{MM}/2\text{M}$

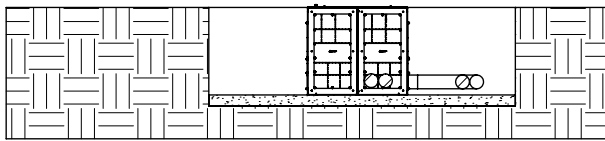


ALSO POSSIBLE TO ASSEMBLE EVERYTHING IN SITU - STEP BY STEP

INSTALLATION GUIDE

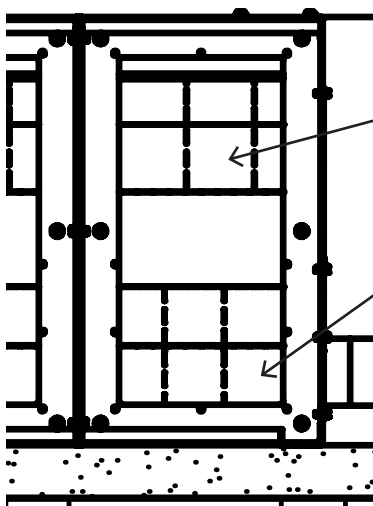
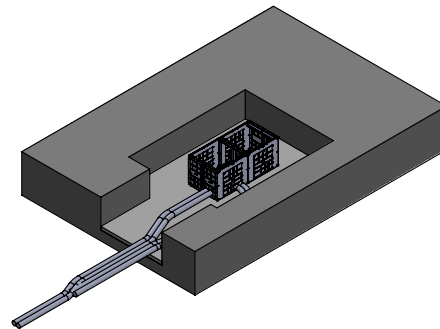
FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60



INSTALL CONDUITS ACCORDING TO PROJECT AND CHARGER SPECIFICATIONS.

SEAL GAPS TO ENSURE PROPER COMPACTING



PLATES ARE PREPARED FOR
Ø125
AND
Ø110
FOR EASY HANDLING.

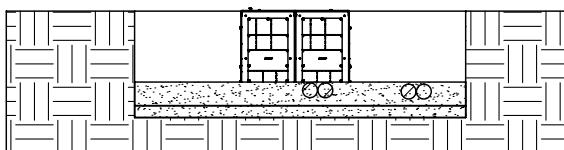
FLIP FOR Ø125
CUT OUT MARKS FOR SHARP CUTS

SEAL GAPS FOR PROPER COMPACTING

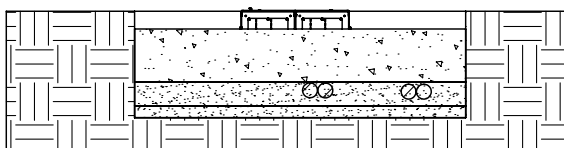
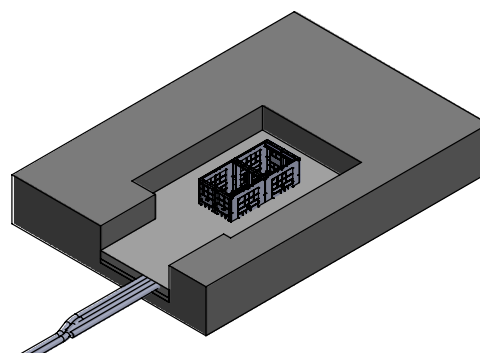
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

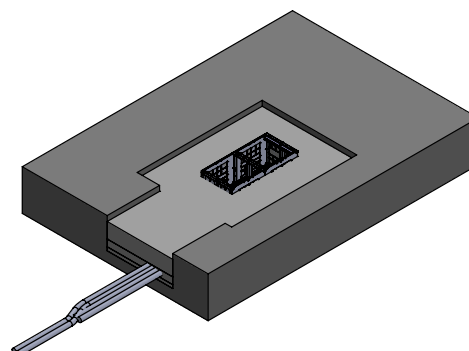
1060-4800-0999-60



FILL UP UNTIL CONDUITS ARE COVERED BY APPROXIMATELY 100MM OF SAND.



FILL UP AND COMPACT GRAVEL AND CRUSHED ROCK ACCORDING TO REGULATIONS. APPROX 200+200MM



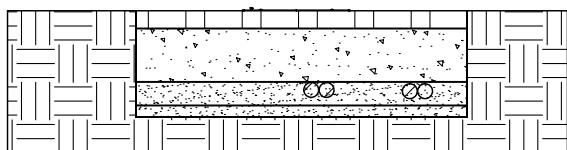
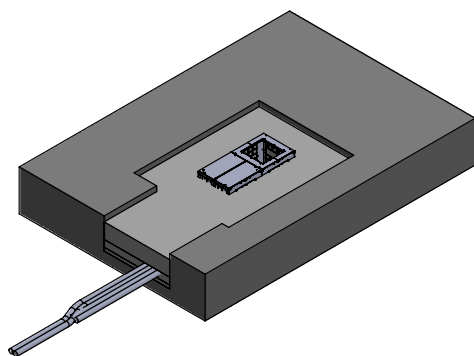
INSTALLATION GUIDE

FOUNDATION ABB M400 WITH INSPECTION HATCH

1060-4800-0999-60

PREPARE CABLE INLET PLATES AND CABLE INSTALLATION ACCORDING TO ABB.

INSTALL COVER PLATES
SEE PAGE 6



TARMAC OR PAVING ACCORDING TO PROJECT

