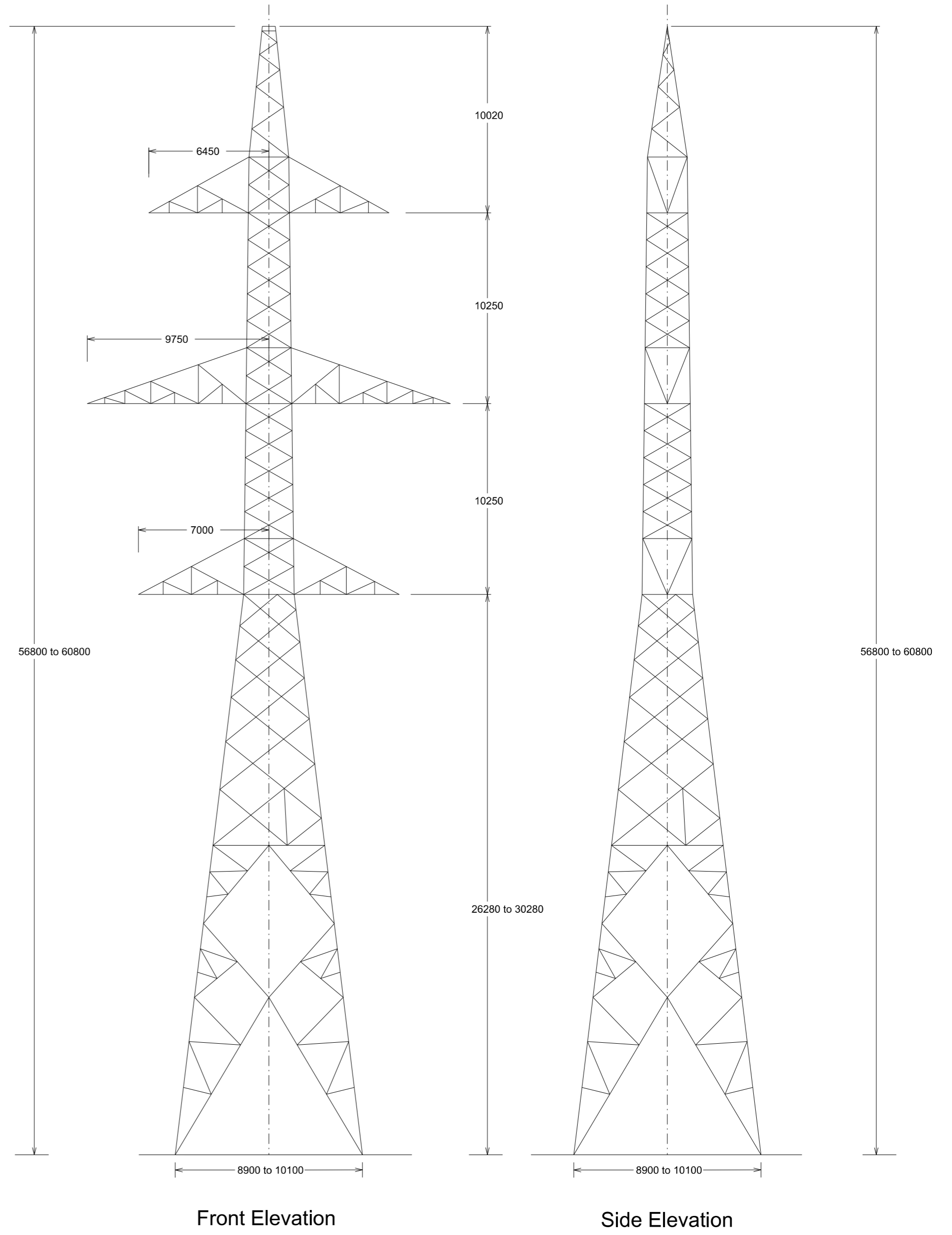
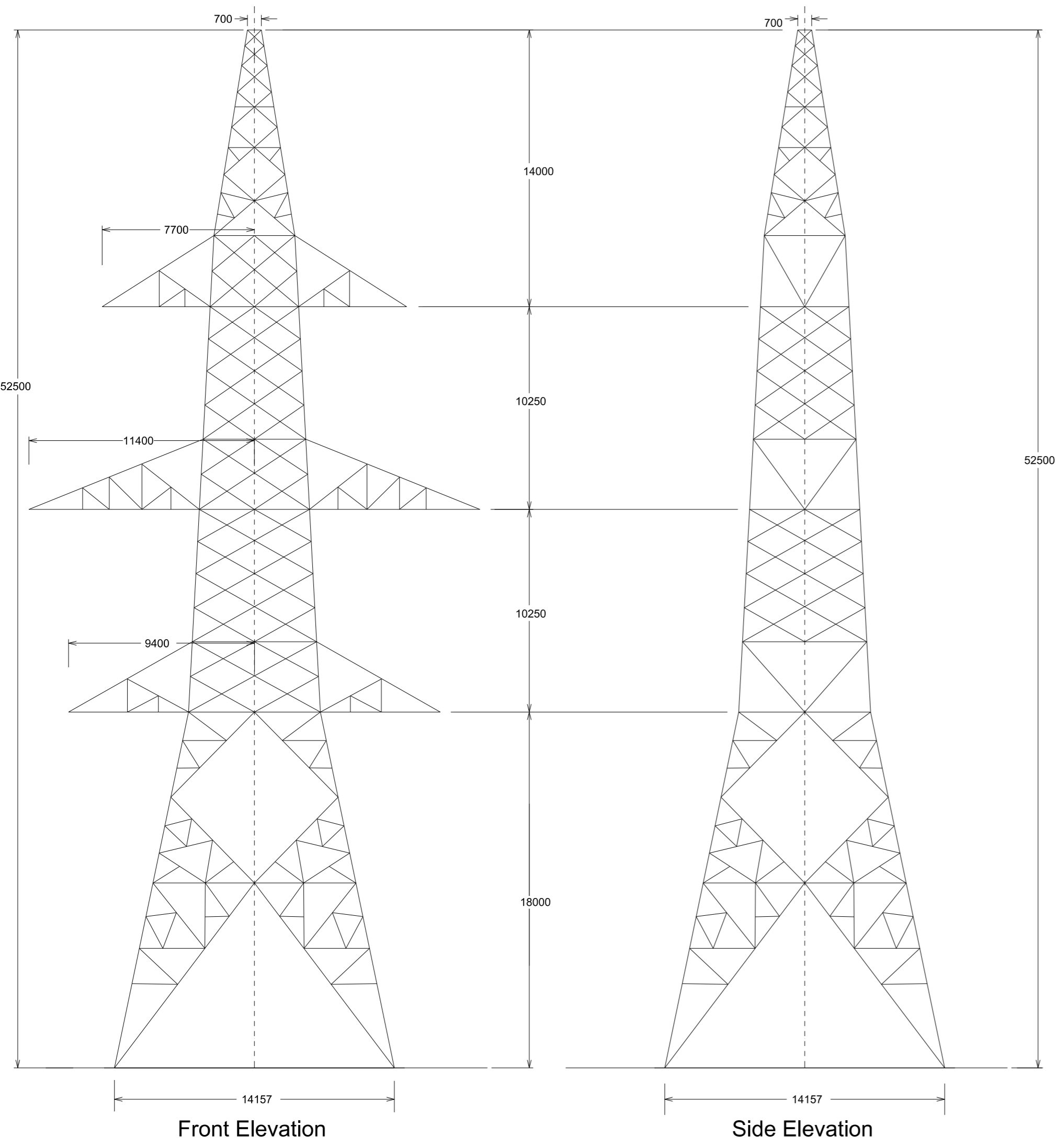


Scale: 1/200

Scale: 1/200



NOTE:
 1. All dimensions are approximate and shown in mm.
 2. Internal bracing is shown for illustrative purposes only and may vary depending on tower manufacturer.
 3. This design provides for a range of tower heights. The range shown corresponds to the range of heights that are proposed for this development and for this tower type. The standard design allows for a greater range than shown here.
 4. For the proposed heights of individual towers refer to the schedule of Existing and Proposed Tower Heights in the Application Form.

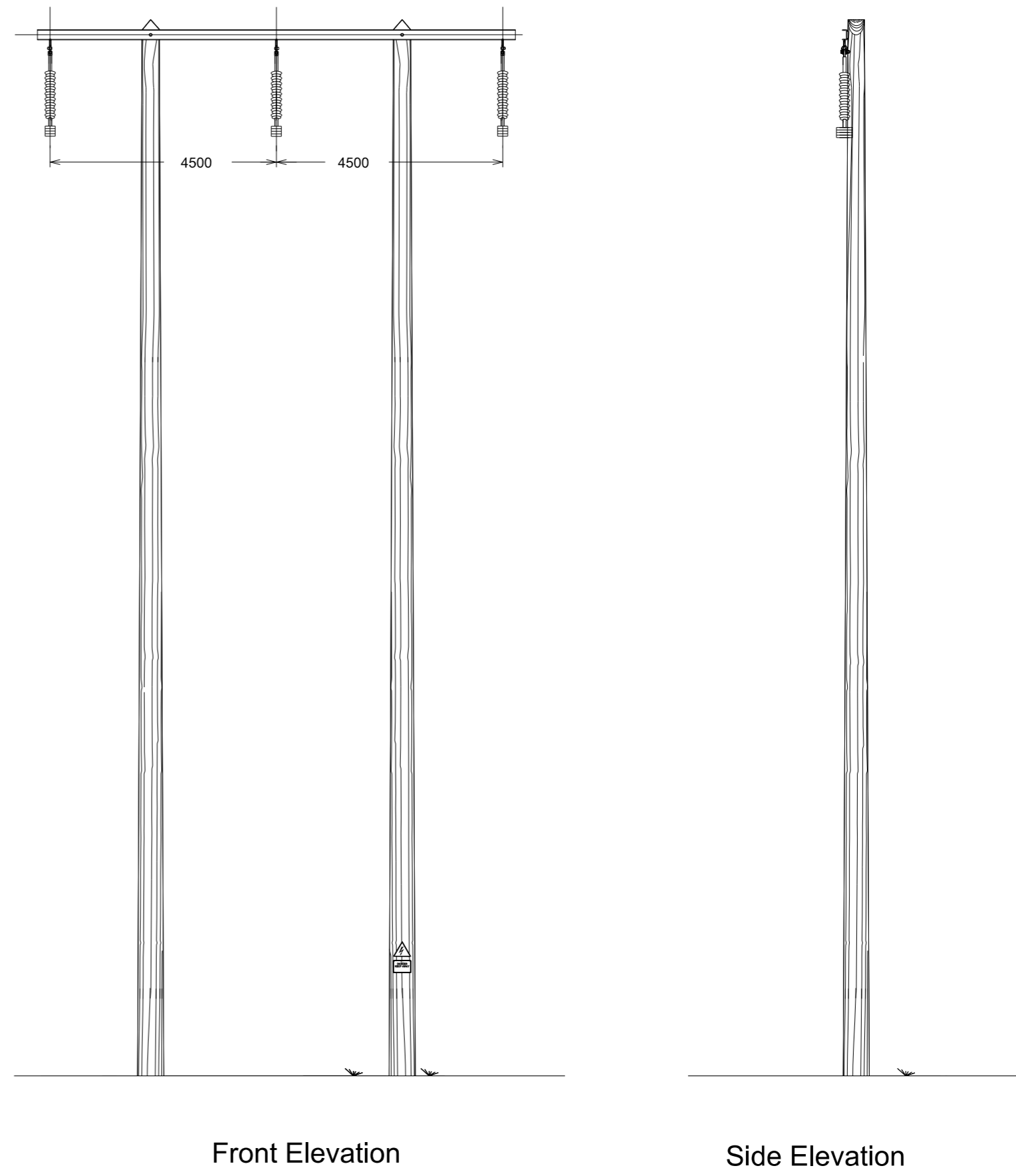
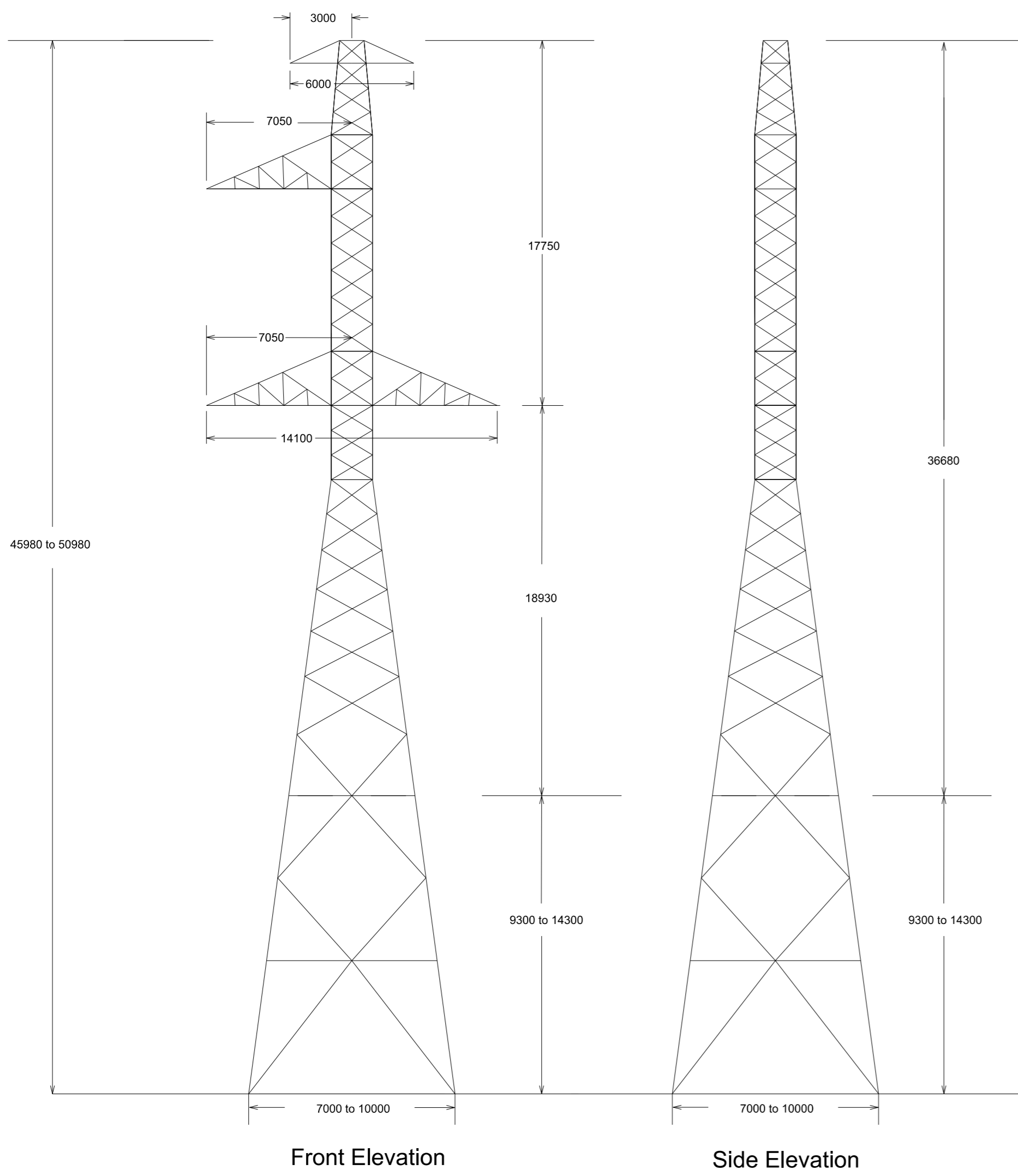
PLANNING REF	MT-008-007
TOWER TYPE	Typical 400kV Double Circuit Angle Tower Outline

NOTE:
 1. All dimensions are approximate and shown in mm.
 2. Internal bracing is shown for illustrative purposes only and may vary depending on tower manufacturer.
 3. This design provides for a range of tower heights. The range shown corresponds to the range of heights that are proposed for this development and for this tower type. The standard design allows for a greater range than shown here.
 4. For the proposed heights of individual towers refer to the schedule of Existing and Proposed Tower Heights in the Application Form.

PLANNING REF	MT-008-006
TOWER TYPE	Typical 400kV Double Circuit Intermediate Tower Outline

Scale: 1/200

Scale: 1/100



NOTE:
 1. All dimensions are approximate and shown in mm.
 2. Internal bracing is shown for illustrative purposes only and may vary depending on tower manufacturer.
 3. This design provides for a range of tower heights. The range shown corresponds to the range of heights that are proposed for this development and for this tower type. The standard design allows for a greater range than shown here.
 4. For the proposed heights of individual towers refer to the schedule of Existing and Proposed Tower Heights in the Application Form.

PLANNING REF	MT-008-005
TOWER TYPE	Typical 400kV Transposition Tower

NOTE:
 1. All dimensions are approximate and shown in mm.
 2. Typical Height range for 110kV Wooden Poleset range from 16000mm to 23000mm.

PLANNING REF	MT-008-008
STRUCTURE TYPE	Typical 110kV Woodpole Outline



ESB International, Stephen Court, 18-21 St. Stephen's Green
 Dublin 2, Ireland. Tel: (0)1 703 8000 Fax: +353 (0)1 703 8088
 Email: marketing@esb.ie Web: www.esb.ie
 ESB International is a trading name of ESB Engineering & Facility Management Limited.
 Registered Office: as above Registered in Ireland No. 152249



Client	EIRGRID
Project	North - South 400kV Interconnection Development
Contract	N/A

Production Unit	High Voltage Engineering
Drawing Title	Typical 400kV Tower Outline Planning Drawings

Copyright ESB International Ltd All rights reserved. No part of this work may be modified or reproduced or copied in any form or by any means - graphic, electronic or mechanical, including photocopying, recording, taping or information-and-retrieval system, or used for any purpose other than its designated purpose, without the written permission of ESB International Ltd.

Drawn	J.Walsh	Produced	J.Walsh	Verified	J.Durkan	Approved	C.Hughes	Approved date	Mar 15
Client Ref	TC211212	No. of Shts	-	Size	A1	Scale	Shown		
Drawing Number	DRAFT PE687-D141-127-009-006							SHEET	REV

Revision Description
 Purpose of issue - Preliminary unless Indicated
 Tender Client Approval Construction As-built Revised