



BIN Spółka z o.o.  
87-700 Aleksandrów Kujawski, ul. Narutowicza 12  
phone: (0-54) 282 22 55; (0-54) 282 88 00  
fax: (0-54) 282 24; (0-54) 282 88 63  
NIP 891-143-40-84  
e-mail: [bin@bin.net.pl](mailto:bin@bin.net.pl)  
[www.bin.agro.pl](http://www.bin.agro.pl)

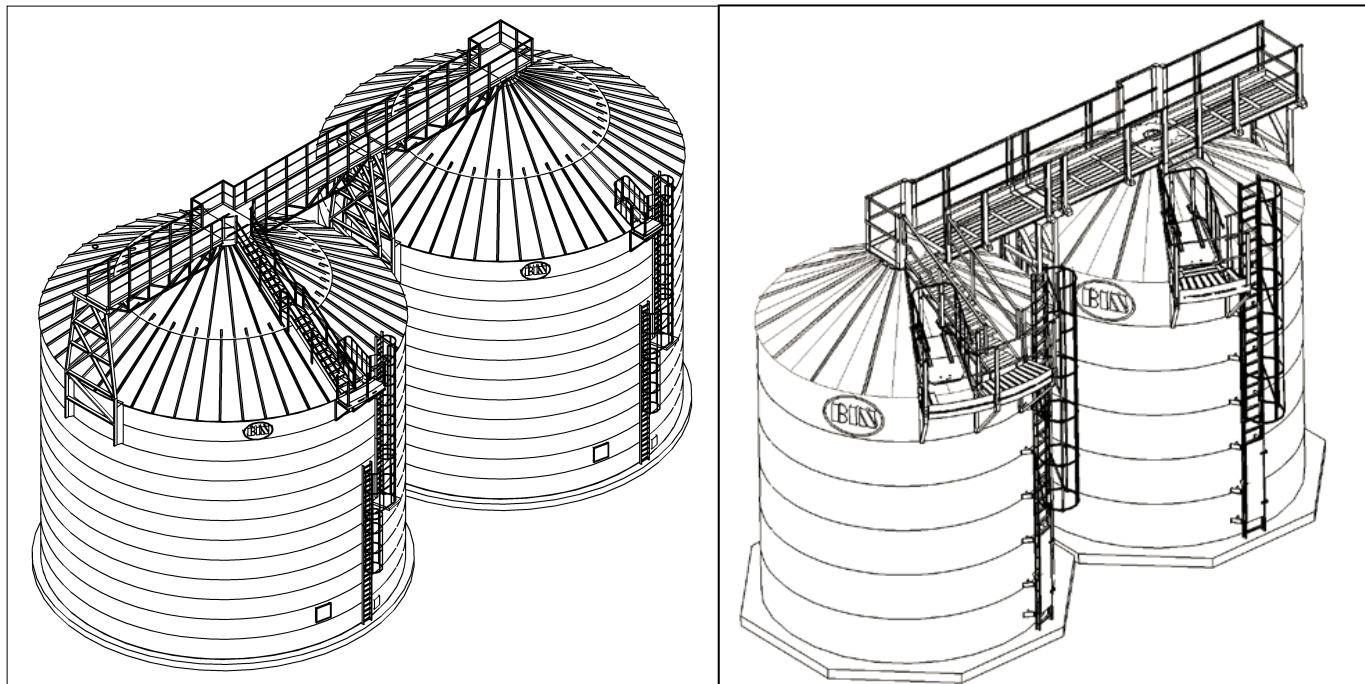
## **BIN SERVICE CATWALKS**

**Types: POM60, POM100, POM200, POM500, POM1000,  
POM1500, POM2200**

Model:

Date of production:

### **OPERATING MANUAL**



Edition: VIII A4 format

Drawings and descriptions included in this manual may contain optional and special components, not provided in the standard version. We reserve the right to make changes in our products. All rights reserved. Copying and partial copying allowed only with our consent.

## Contents

Section 1	Safety	4
Section 2	Information and warning signs	6
Section 3	Product ordering	38
Section 4	Application and design of catwalks	39
Section 5	Catwalk installation	40
Section 6	Catwalk servicing	40
Section 7	Disassembly and disposal	41
Section 8	Warranty and warranty certificate	41

## Introduction

Type	Model	Weight	Name of machine
POM60	POM60, POM60 DRAB	450 kg 200 kg	Service catwalks for BIN 60 and KONSIL60-type silos
POM100	POM 100-KRAT POM100-PLAT	270kg 50kg	Service catwalks for BIN 100 and KONSIL100-type silos
POM200	POM200-KRAR POM200-PLAT	300 kg 60 kg	Service catwalks for BIN 200-type silos
POM500	POM500-KRAT POM1500-PLAT POM2200-WEJ,	410 kg 290 kg 65 kg	Service catwalks for BIN 500-type silos
POM1000	POM1000-KRAT, POM1500-PLAT POM2200-WEJ,	590 kg 290 kg 65 kg	Service catwalks for BIN 1000-type silos
POM1500	POM1500-KRAT, POM1500-PLAT POM2200-WEJ,	880 kg 290 kg 65 kg	Service catwalks for BIN 1500-type silos
POM2200	POM2200-KRAT, POM1500-PLAT POM2200-WEJ,	950 kg 290 kg 65 kg	Service catwalks for BIN 2200-type silos

The aim of this operating manual is to familiarize the user with proper operation of the equipment and to give practical hints which the user of a catwalk has to know. **If the content of this document is incomprehensible or unclear, please contact the manufacturer or appropriate representative.**



**This operating manual forms an integral part of the product**



**“Keep for future use”**



**The use of the equipment for purposes different than specified will be treated as a misuse.**

**The manufacturer of the equipment is not responsible for damage caused by improper use. Only the user is responsible for the risk resulting from above-mentioned misuse. Unauthorized changes in the construction of the product eliminate manufacturer's responsibility for the resulting damage.**




**Warning sign in the operating manual indicates that special care should be taken because of the threat posed to persons and the possibility of product damage.**





## 1. Safety

1. People working with catwalks and persons staying in the surrounding area are obliged to have proper authorization and qualifications, and have to comply with general rules of industrial safety and requirements specified in the employment code.
2. The user is obliged to get acquainted with the operating manual describing the use and operation of catwalks, read the manuals of all devices working together with catwalks and act strictly according to those manuals.
3. In particular, the following is prohibited:
  - use and operation of the equipment by any third parties not acquainted with the operating manual,
  - use and operation of the equipment by sick or intoxicated persons (under the influence of alcohol or intoxicants, etc.), by juvenile persons or persons who do not have a predisposition to working at heights.
4. All ways leading to catwalks should be secured against access by children and unauthorized persons.
5. The owner of a catwalk is obliged to provide it with detailed occupational health and safety instructions.
6. Catwalks and their surroundings should be kept clean.
7. Maximum permissible load of a catwalk (the weight of grain and grain transport equipment) cannot exceed:
  - 140 kg/m of catwalk length for catwalks: POM500, POM1000, POM1500, POM2200
  - 70 kg/m of catwalk length for catwalks: POM60, POM100, POM200
8. There can be no more than two persons (simultaneously) on the catwalk.
9. All equipment located on a catwalk should be mounted according to its intended use and guidelines provided in operating manuals, and in a way not posing any other threat.
10. It is prohibited to mount equipment and constructions (for example buffer containers, cyclones, cleaners etc.) on a catwalk other than machines and devices for grain transport.
11. It is prohibited to install systems (cover) on the catwalk construction (for example with advertisement boards, tilts, roofs etc.) increasing the wind load.
12. A location of the catwalk use must be maintained in a way protecting it from fire and must to be equipped with fire extinguishing equipment, with dry powder or carbon-dioxide extinguisher.
13. In case of fire:
  - evacuate persons from the danger zone,
  - call the fire-brigade,
  - disconnect equipment from the power network,
  - extinguish the fire.
14. Before starting the assembly, check the catwalk and its components for any damage during transport or storage.

15. When any damages or faults are found in the catwalk which could impair its safety, the investor is obliged to immediately ban entering the catwalk (close the access to the catwalks) and notify the manufacturer in writing.
16. Maintenance and repair works must be performed by adult, fully fit and properly qualified people only.
17. During maintenance and repair works on the catwalk the area around the catwalk should be properly protected from objects falling from above which could be dangerous for people and animals.
18. It is forbidden to enter the catwalk and perform any work when:
  - power supply to catwalk accessory equipment and a silo is not disconnected,
  - the construction is ice-covered,
  - there are atmospheric discharges, heavy rain, snow and/or wind.
19. Leaning over catwalk guard-rails is strictly prohibited.
20. Operating faulty catwalk is strictly prohibited.
21. It is forbidden to move a catwalk in one piece (assembled). Every catwalk should be disassembled before moving.
22. The catwalks can work together with BIN and KONSIL silos only – it is the responsibility of the investor to get acquainted with the operating manual of those silos and to observe it strictly.
23. It is forbidden to overload catwalks with equipment and machines, persons, accumulated snow etc. (with exceeding loads specified in this document and described on the information plate near the entrance on a catwalk ladder).
24. It is forbidden to make any structural modifications or change the application of the equipment without written agreement with the manufacturer.
25. All electrically powered equipment working together and mounted on catwalks should be protected so as not to pose a potential hazard of an electrical shock for people and animals. Power network and power connection points must comply with current requirements for such installations.
26. It is prohibited to perform any welding work on a catwalk.
27. Safety signs, nominal plates and other information placed on the product must be kept legible and clean. If they are damaged, destroyed or when a component with such information is replaced, new signs/plates should be purchased from BIN and installed on the device in place of damaged ones.
28. Should the device be supplied without a nominal plate or when such plate is damaged, the user should notify the manufacturer about it in writing to receive a duplicate.
29. At the construction stage, spacing of silo axes in accordance with dimensions specified in this manual must be ensured
30. Silos provided with the POM100 catwalk have additional anchors. Installation details for additional anchors are specified in the silo construction design and silo installation instruction
31. A number of access points (number of roof stairs) should be specified by the investor in agreement with a designer and a fire prevention specialist.
32. When a designer included more than one access point, open all security devices on ladder entries or entries to the spiral stairs.

## 2. Information and warning signs


  
 BIN

$Q_{max} = \boxed{\phantom{000}} \text{ kg/m}$

**(PL) UWAGA!** 1. Maksymalne dopuszczalne obciążenie pomostu (masa urządzeń do transportu ziarna wraz z ziarnem) nie może przekraczać  $Q_{max}$ .  
2. Na pomoście (jednocześnie) mogą przebywać maksymalnie dwie osoby.

**(GB) ATTENTION!** 1. Maximum possible ballast of the catwalk (weight of installations to grain transportation filled with grain) could not exceed  $Q_{max}$ .  
2. There can be maximum 2 persons on a catwalk (in the same time).

**(DK) PAS PÅ!** 1. Den maksimale tilladte belastning af gangbroen (vægt af installationen til korntransport inkl. korn) må ikke overskride  $Q_{max}$ .  
2. Det er max 2 personer, der kan opholde sig på gangbroen (i samme tid).

**(LT) Dėmesio!** 1. Maksimali leidžiamą apkrovą ant galerijos (transporterį masė kartu su grūdais) negali viršyti  $Q_{max}$ .  
2. Vieno metu ant galerijos gali būti ne daugiau kaip dvi asmenys.

**(RUS) Внимание!** 1. Максимальная допустимая нагрузка на галерею (масса транспортера с зерном) не должна превышать  $Q_{max}$ .  
2. Одновременно на галерии могут находиться не более двух лиц.

**(UA) УВАГА!** 1. Максимально допустиме навантаження на галерею (маса транспортеру разом із зерном) не повинно перевищувати  $Q_{max}$ .  
2. Одночасно на галереї можуть знаходитися не більше двох осіб.

**(CZ) POZOR!** 1. Maximální zatížení lávky (váha dopravní technologie včetně dopravovaného materiálu) nesmí překročit  $Q_{max}$ .  
2. Nosnost maximálně 2 osoby.

### Information plate

(placed on the ladder door – securing the entrance to the catwalk)



#### Attention!

Safety signs, nominal plates and other information placed on the product must be kept legible and clean. If they are damaged, destroyed or when a component with such information is replaced, new signs/plates should be purchased from BIN and installed on the device in place of damaged ones.

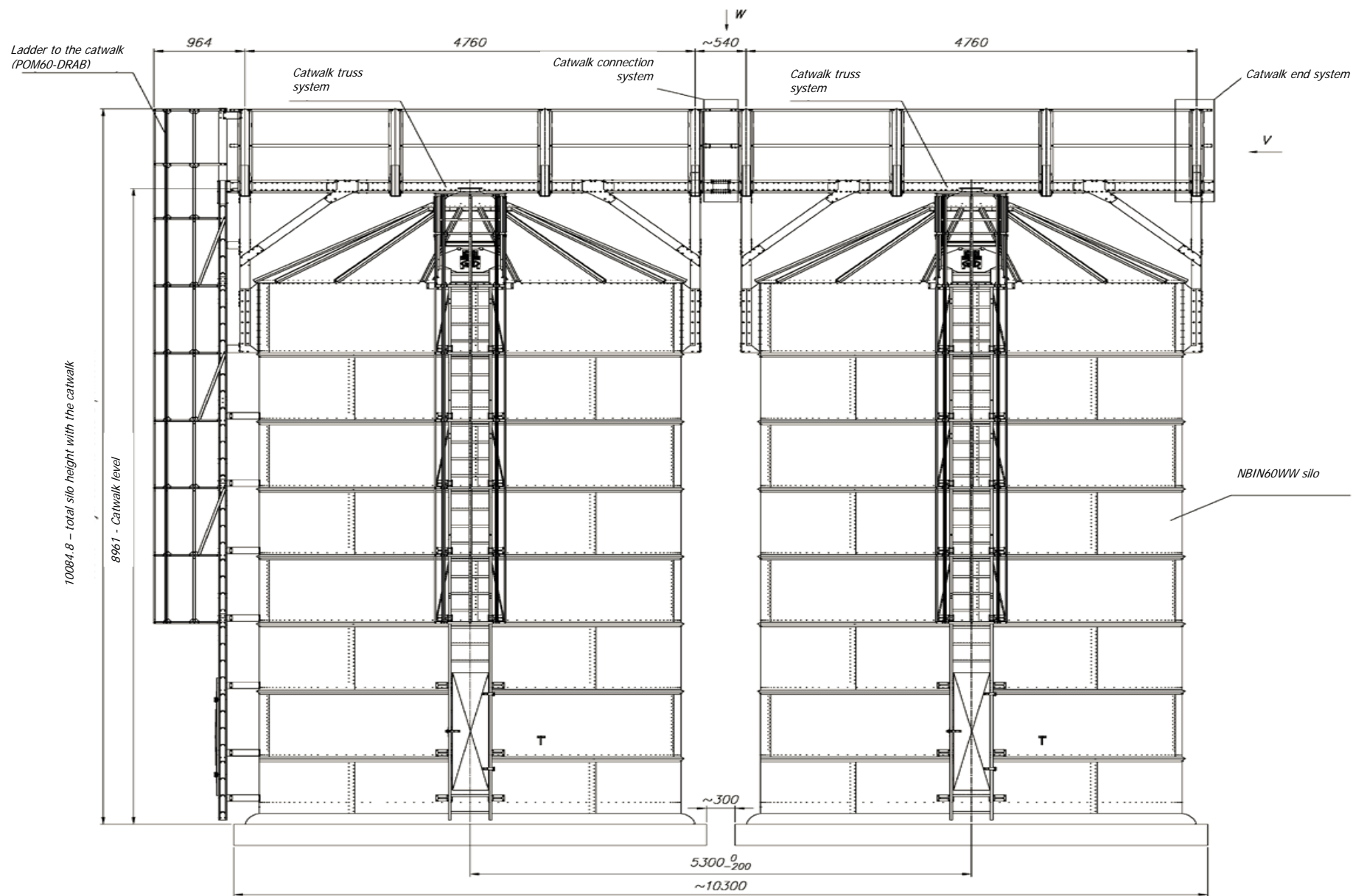
## Nominal plate

		<b>BIN Sp. z o.o.</b> 87-700 ALEKSANDRÓW KUJAWSKI ul. Narutowicza 12, tel. (0-54) 282 22 55 e-mail bin@bin.net.pl	
Model			
Year of production			
Series number			
Weight	kg		
Useful capacity	m <sup>3</sup>		
Maximum density of material stored	kg/m <sup>3</sup>		
Power	kW		
Voltage	V		
Frequency	Hz		
Protection class	IP		
Maximum working temperature - see Operation Instruction Manual. See Operation Instruction Manual for further information.			

Further information is provided in the Operating Manual  
CE

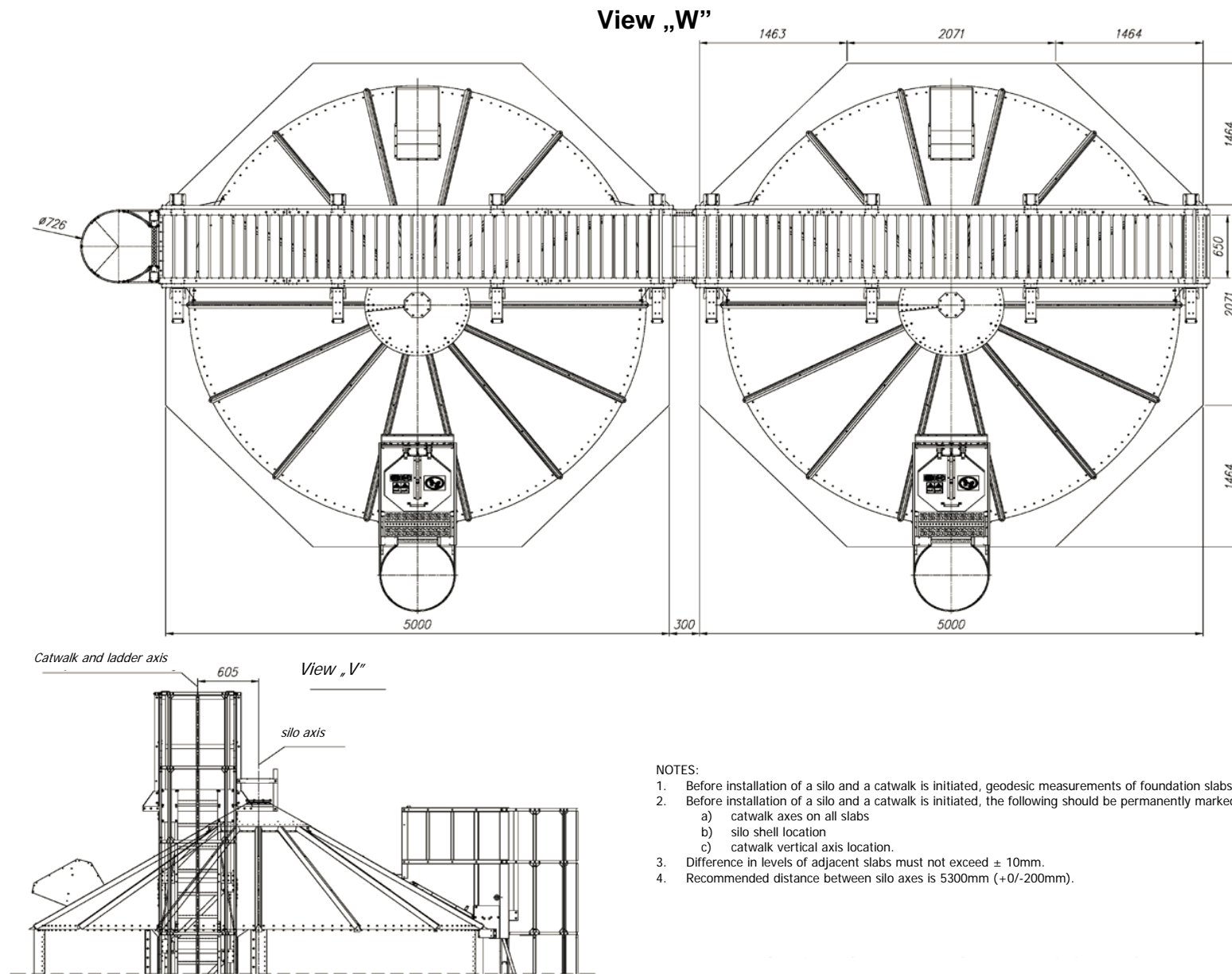
The product nominal plate is located as follows:

- POM60, POM100-KRAT, POM200, POM500-KRAT, POM1000-KRAT, POM1500-KRAT, POM2200-KRAT – on a corner post in the central part of the silo
- POM1500-PLAT – on a corner post in the central part of the silo
- POM2200-WEJ – on a support – under the anti-slip pad

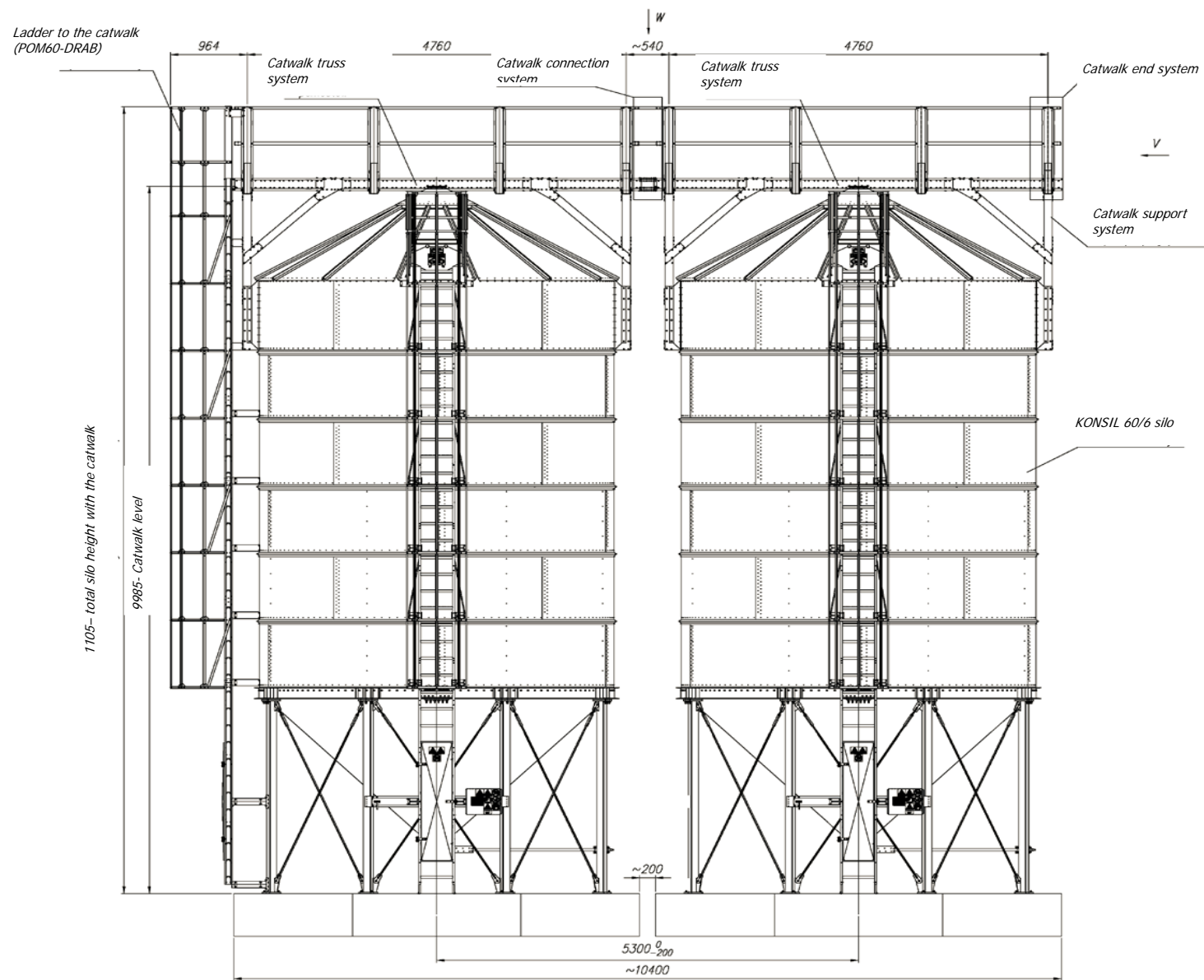


**Fig. 1 Construction and assembly of a catwalk for BIN200 type silos (Sheet 1 of 2).**

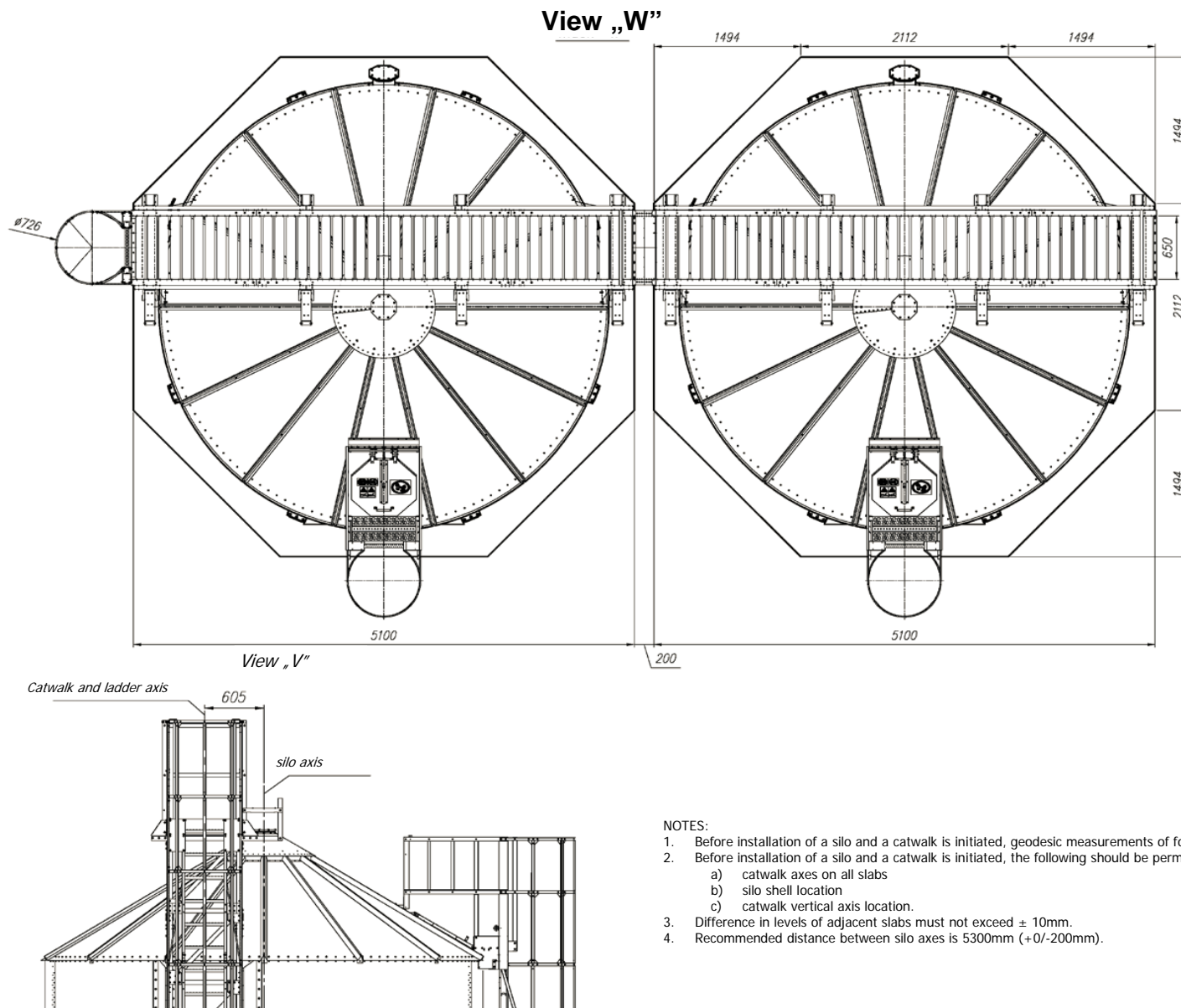




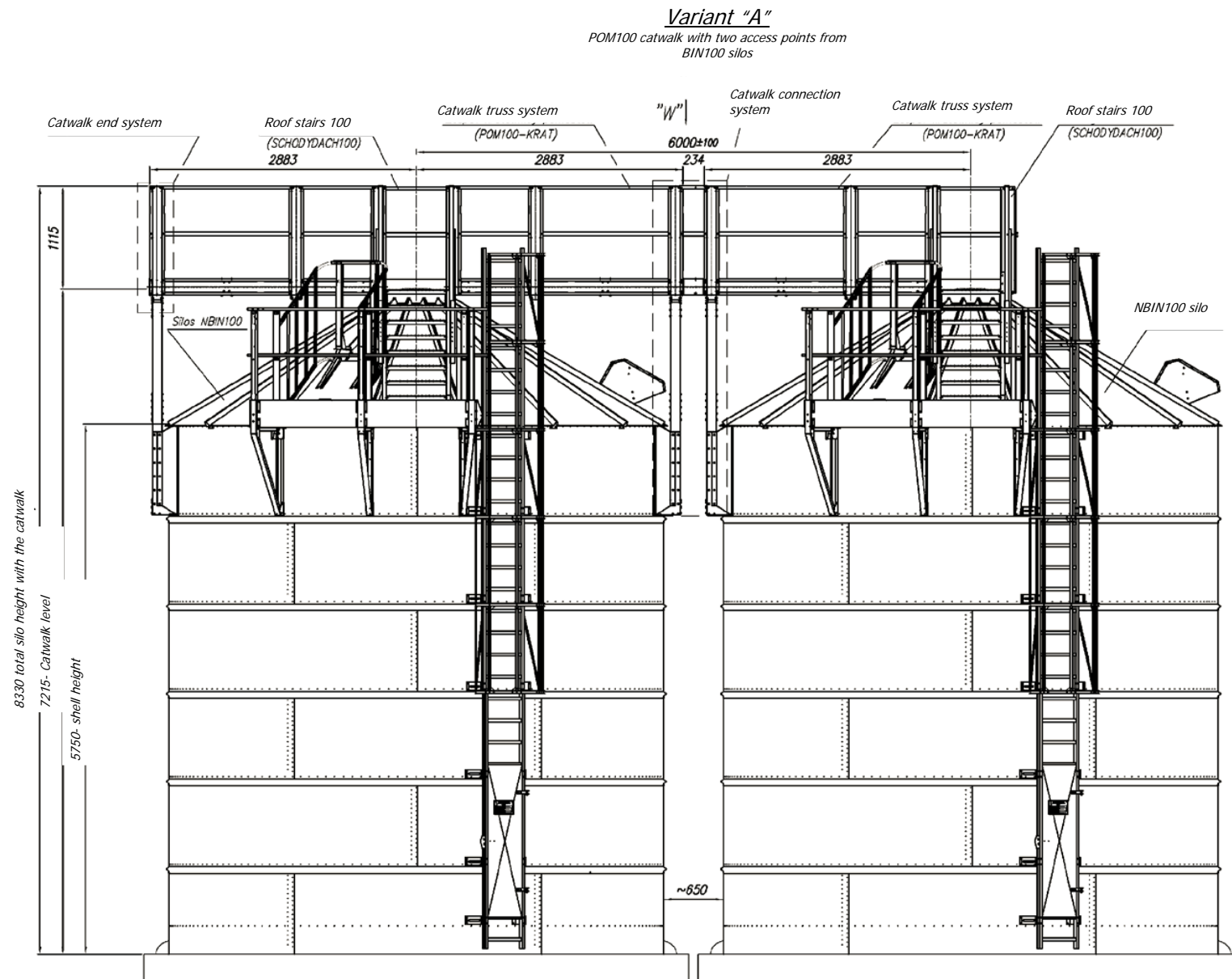
**Fig. 2 Design and installation of the catwalk on the BIN60 silo (Sheet 2 of 2).**



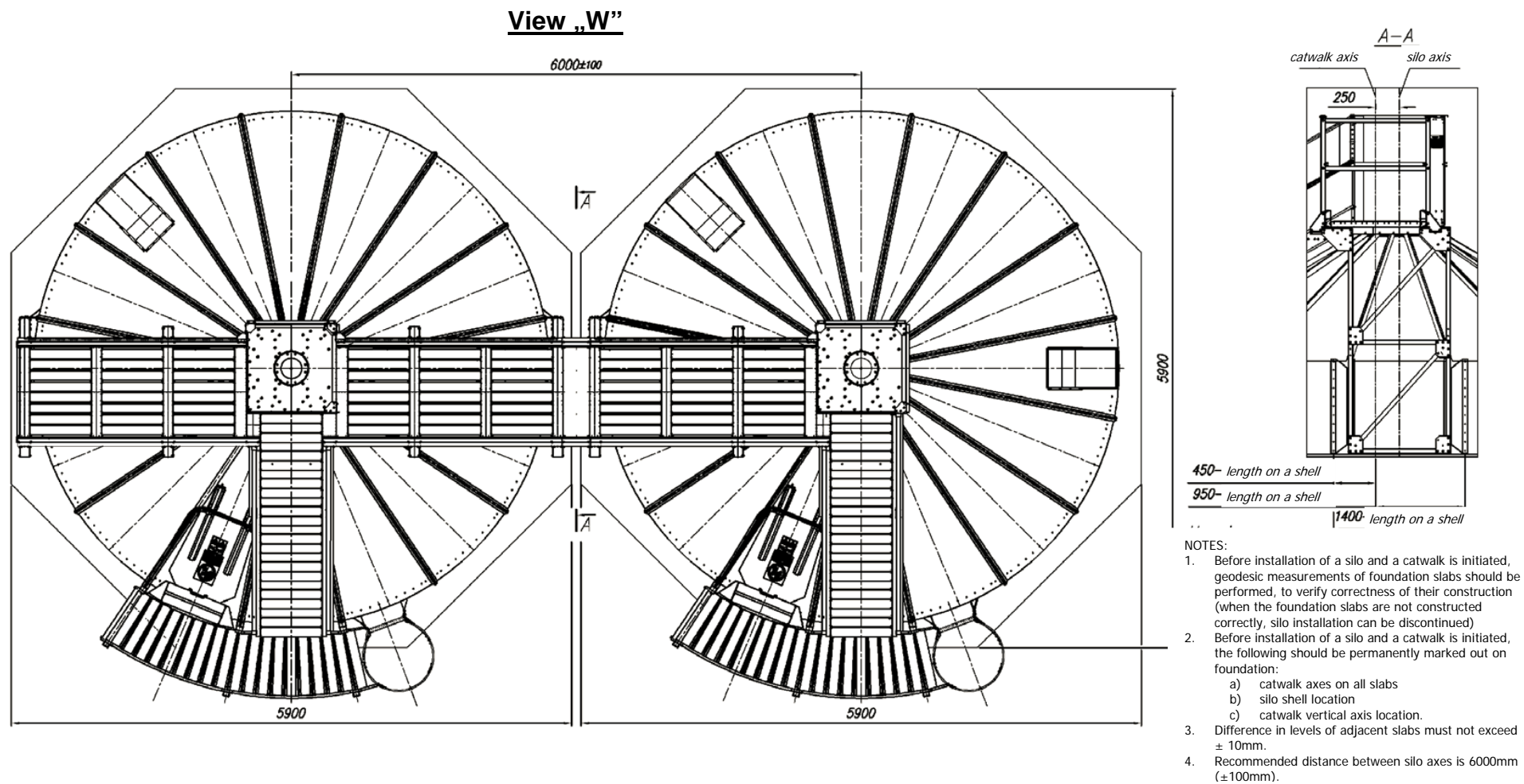
**Fig. 3** Construction and assembly of a catwalk for KONSIL60 type silos (Sheet 1 of 2).



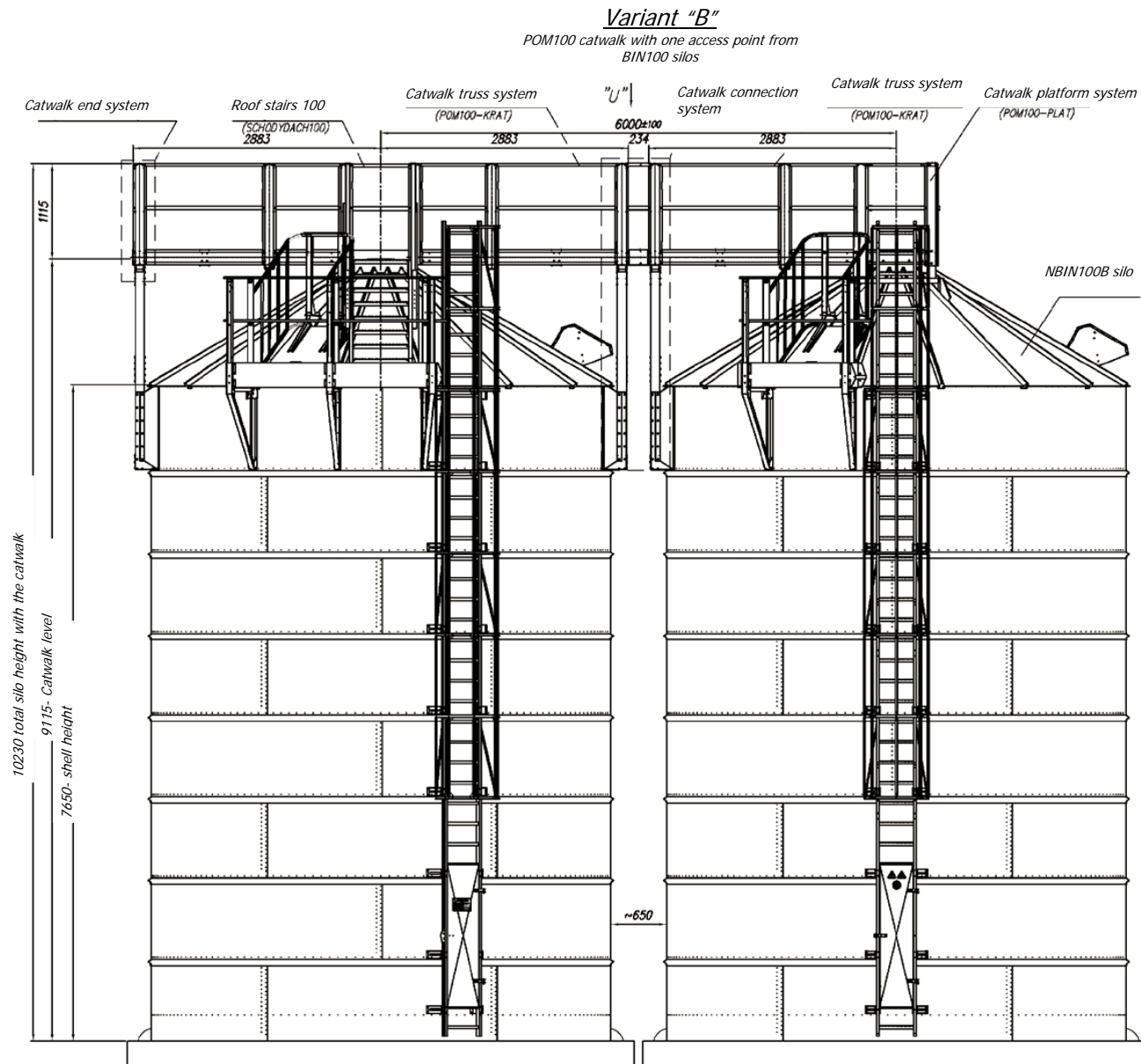
**Fig. 4 Construction and assembly of a catwalk for KONSIL60 type silos (Sheet 2 of 2).**



**Fig.5 Construction and assembly of a catwalk for BIN100 type silos (Sheet 1 of 4).**

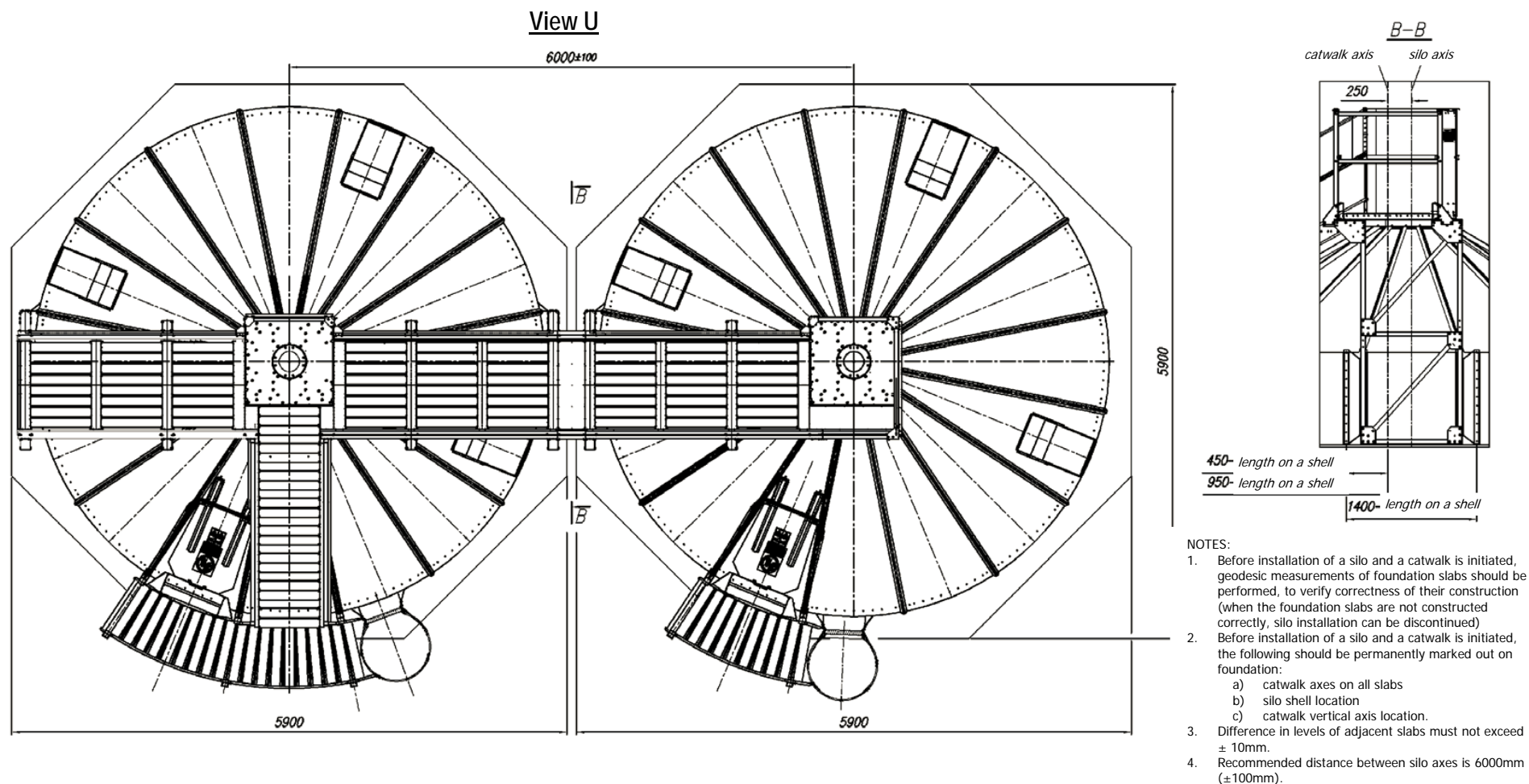


**Fig.6 Construction and assembly of a catwalk for BIN100 type silos (Sheet 2 of 4).**

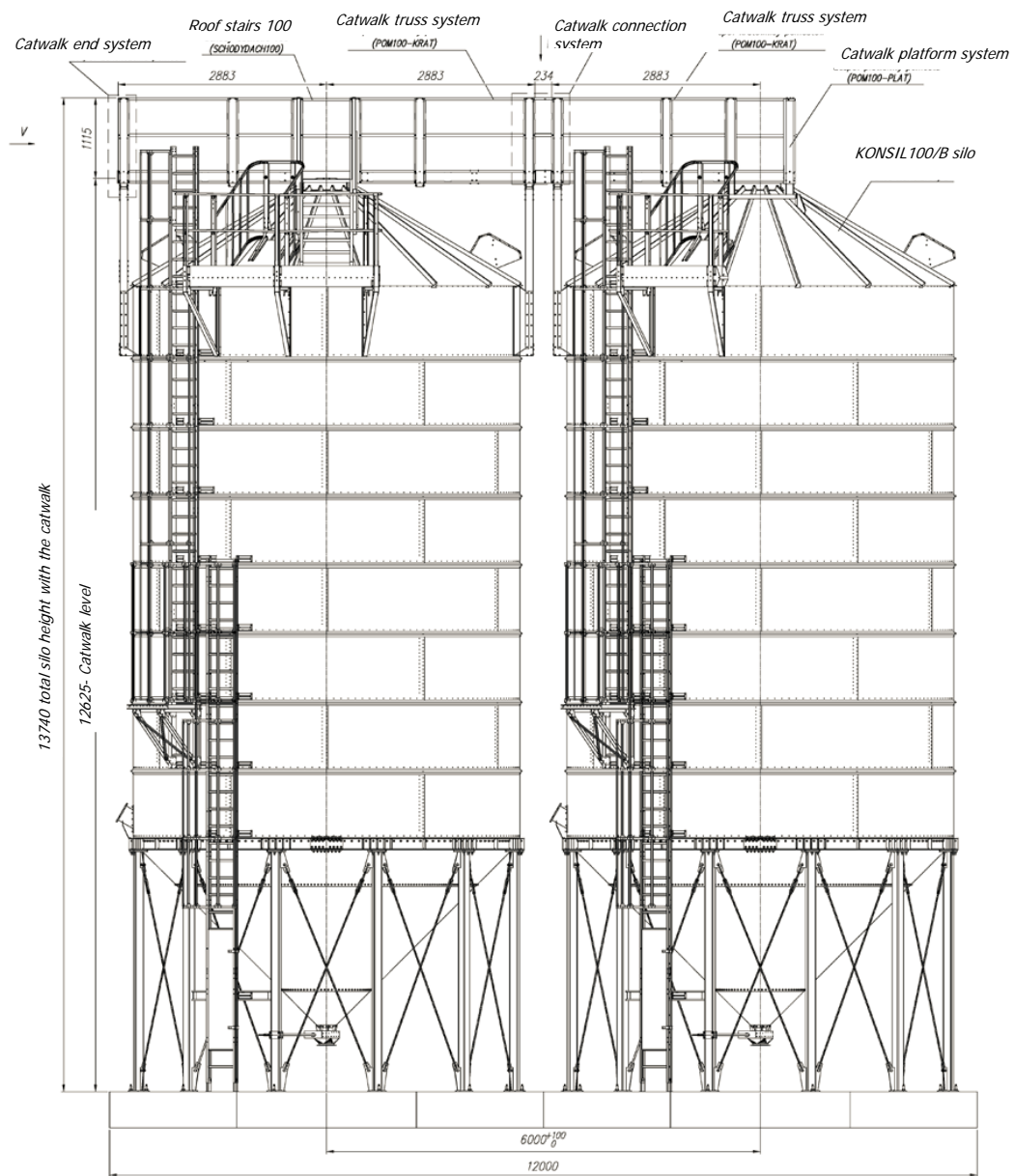


**Fig.7 Construction and assembly of a catwalk for BIN100 type silos (Sheet 3 of 4).**



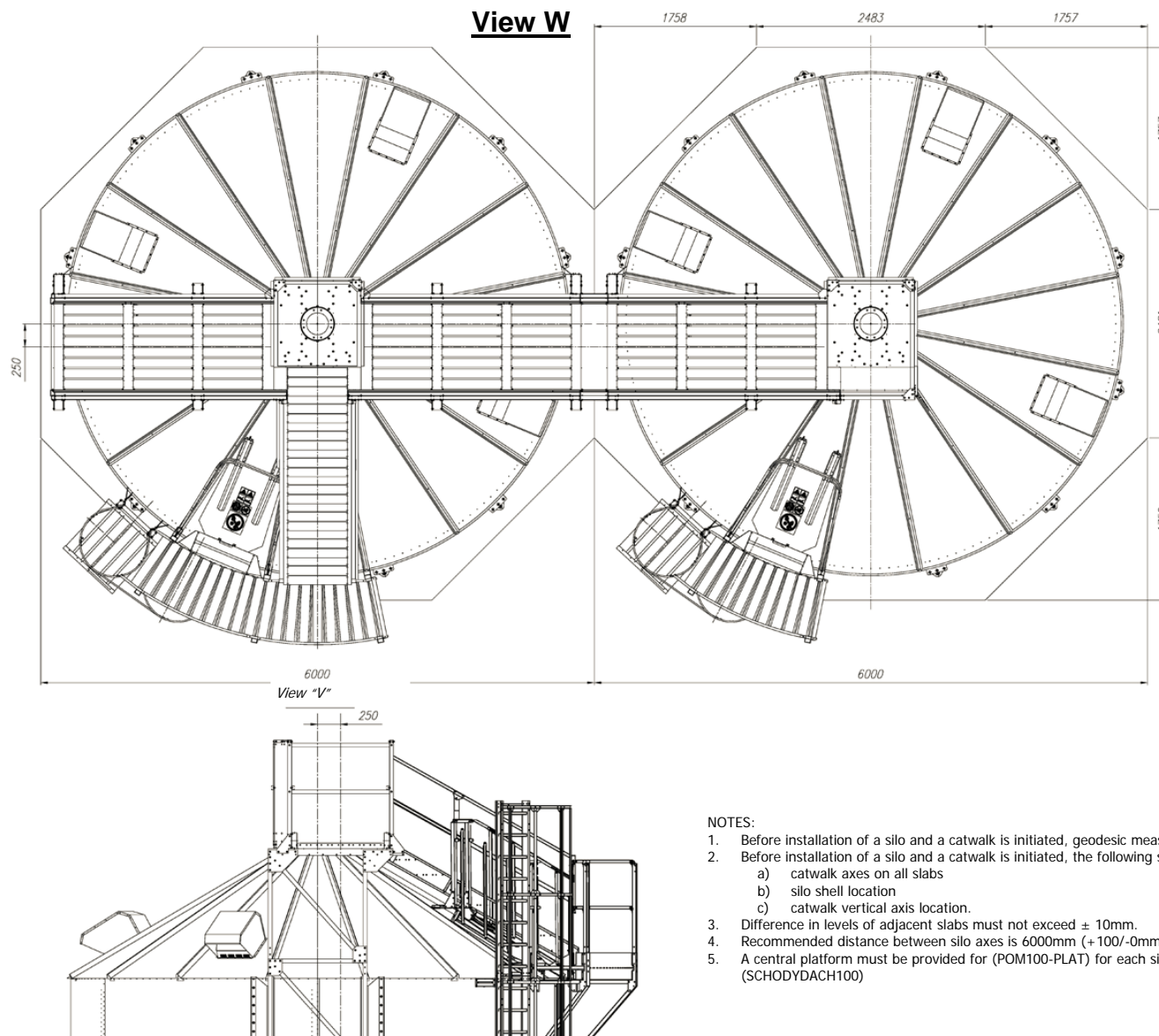


**Fig.8 Construction and assembly of a catwalk for BIN100 type silos (Sheet 4 of 4).**



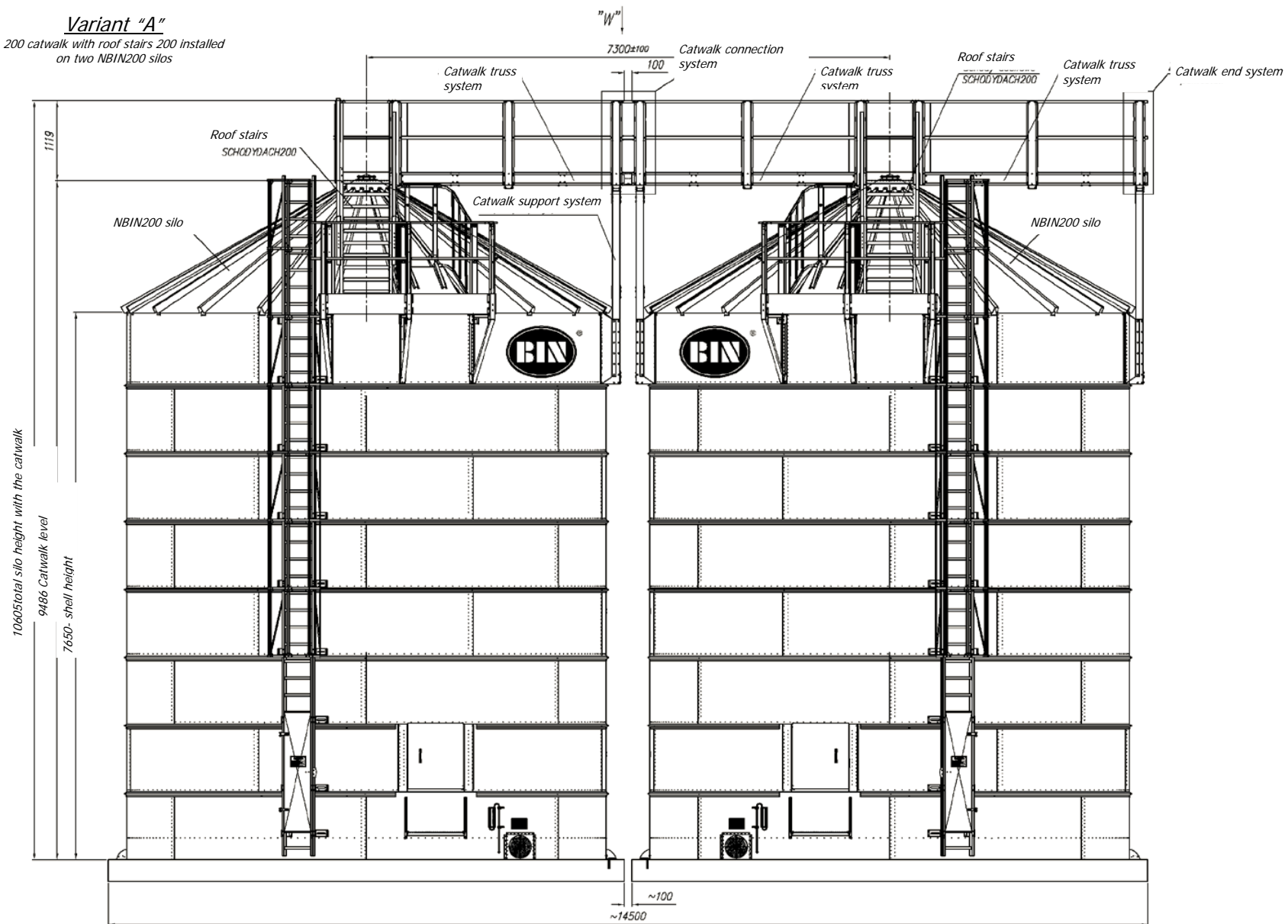
**Fig. 9 Construction and assembly of a catwalk for KONSIL100 type silos (Sheet 1 of 2).**



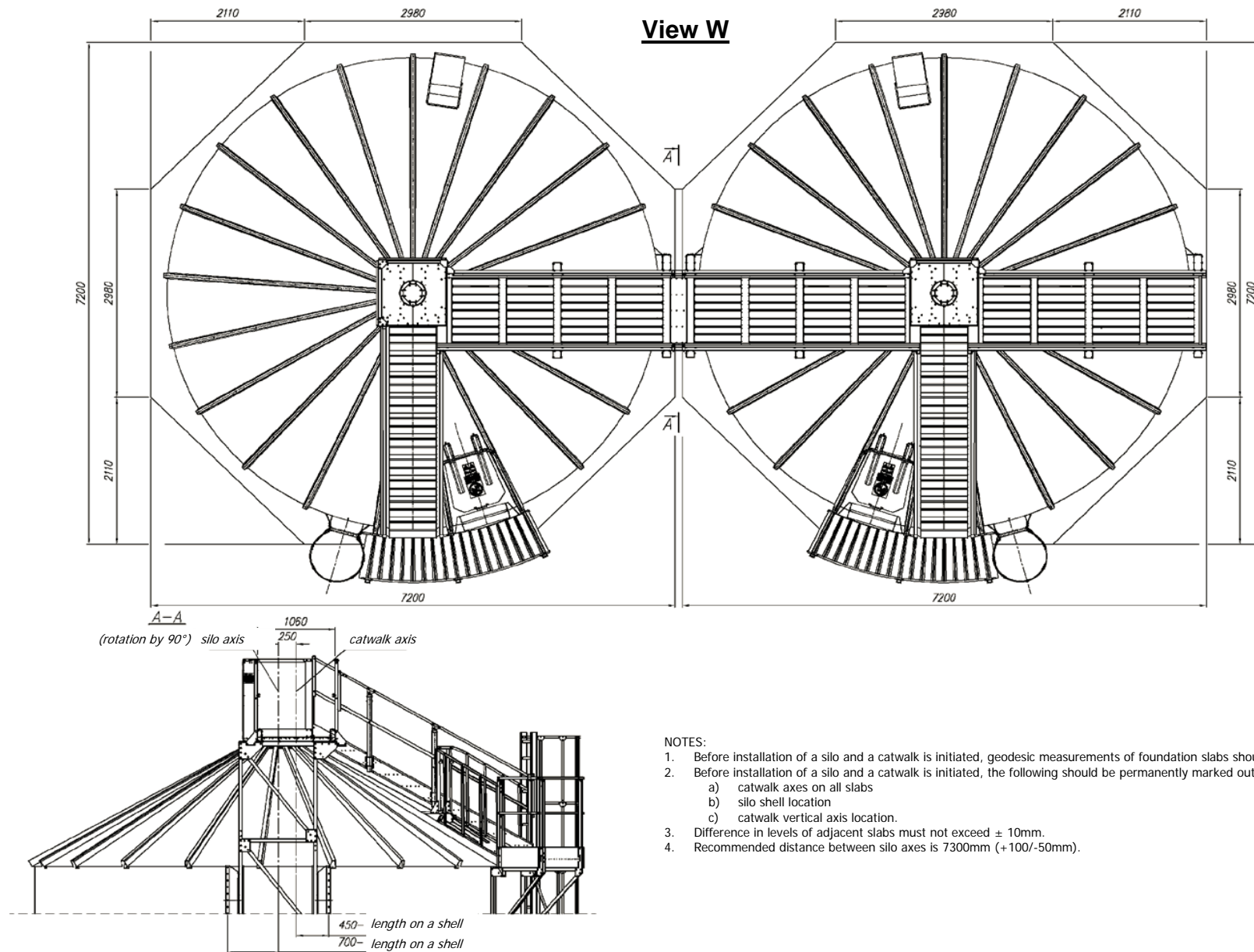


**Fig. 10 Construction and assembly of a catwalk for KONSIL100 type silos (Sheet 2 of 2).**

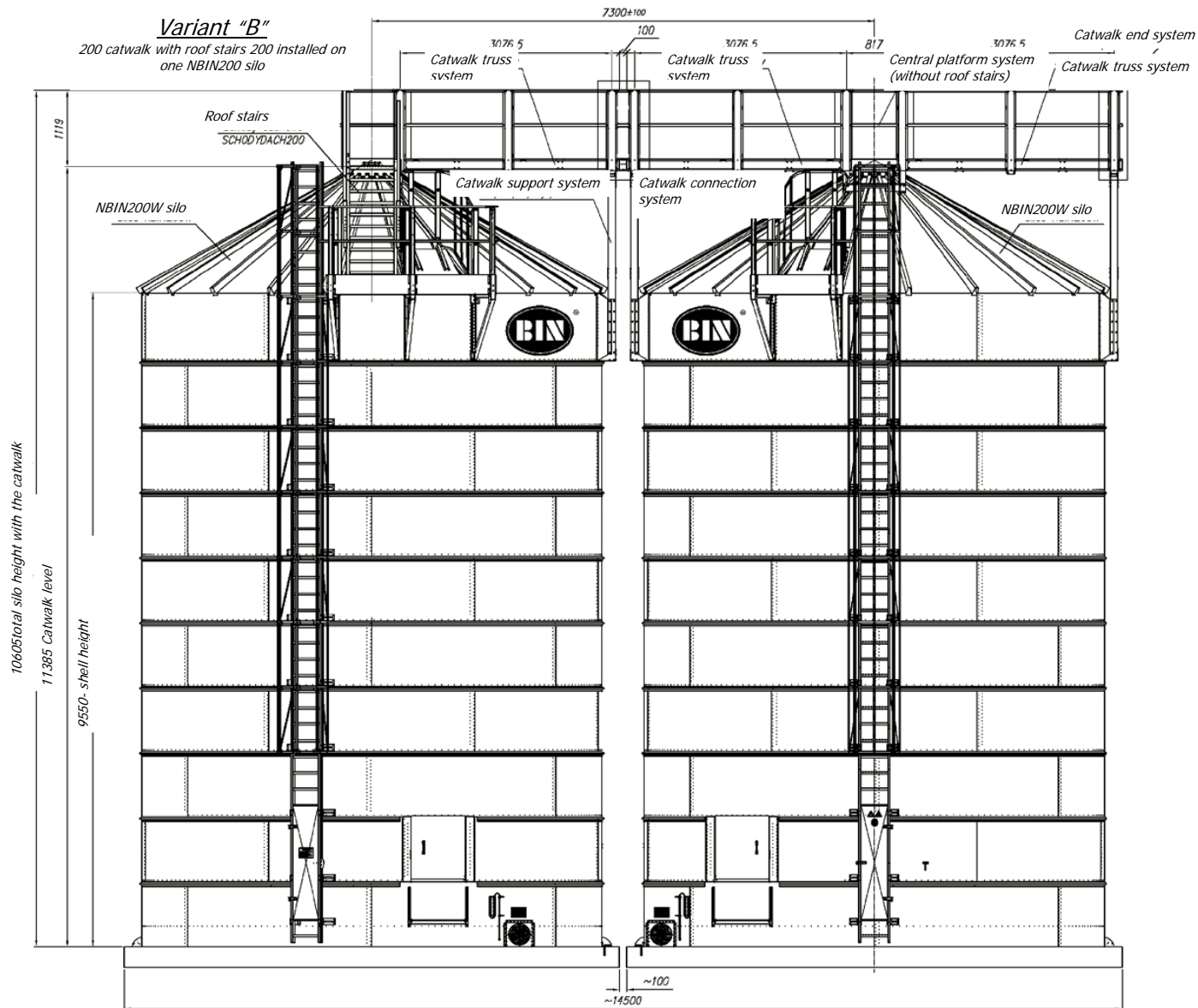
*Variant "A"*  
 200 catwalk with roof stairs 200 installed  
 on two NBIN200 silos



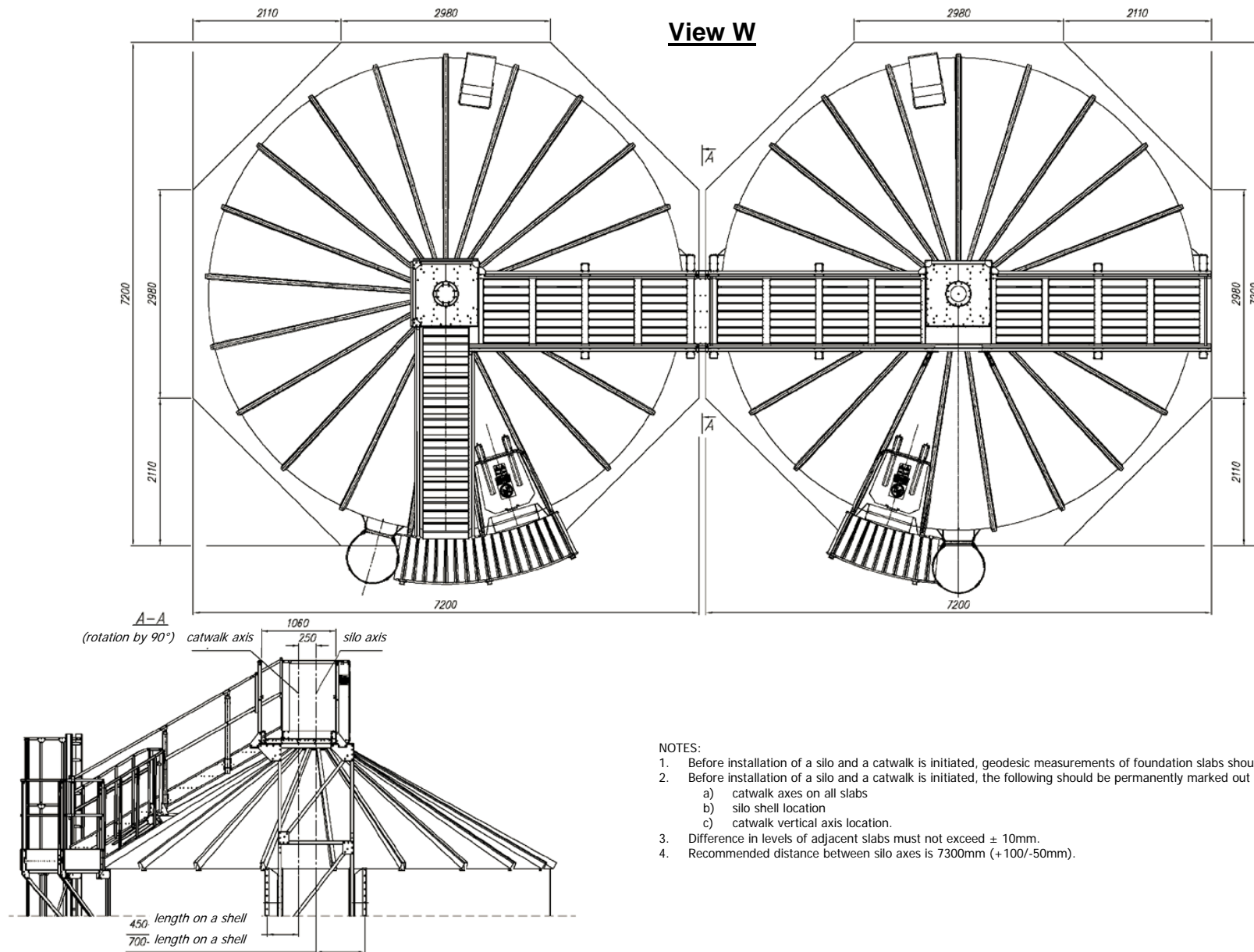
**Fig. 11 Construction and assembly of a catwalk for BIN200 type silos (Sheet 1 of 4).**



**Fig. 12 Construction and assembly of a catwalk for BIN200 type silos (Sheet 2 of 4).**

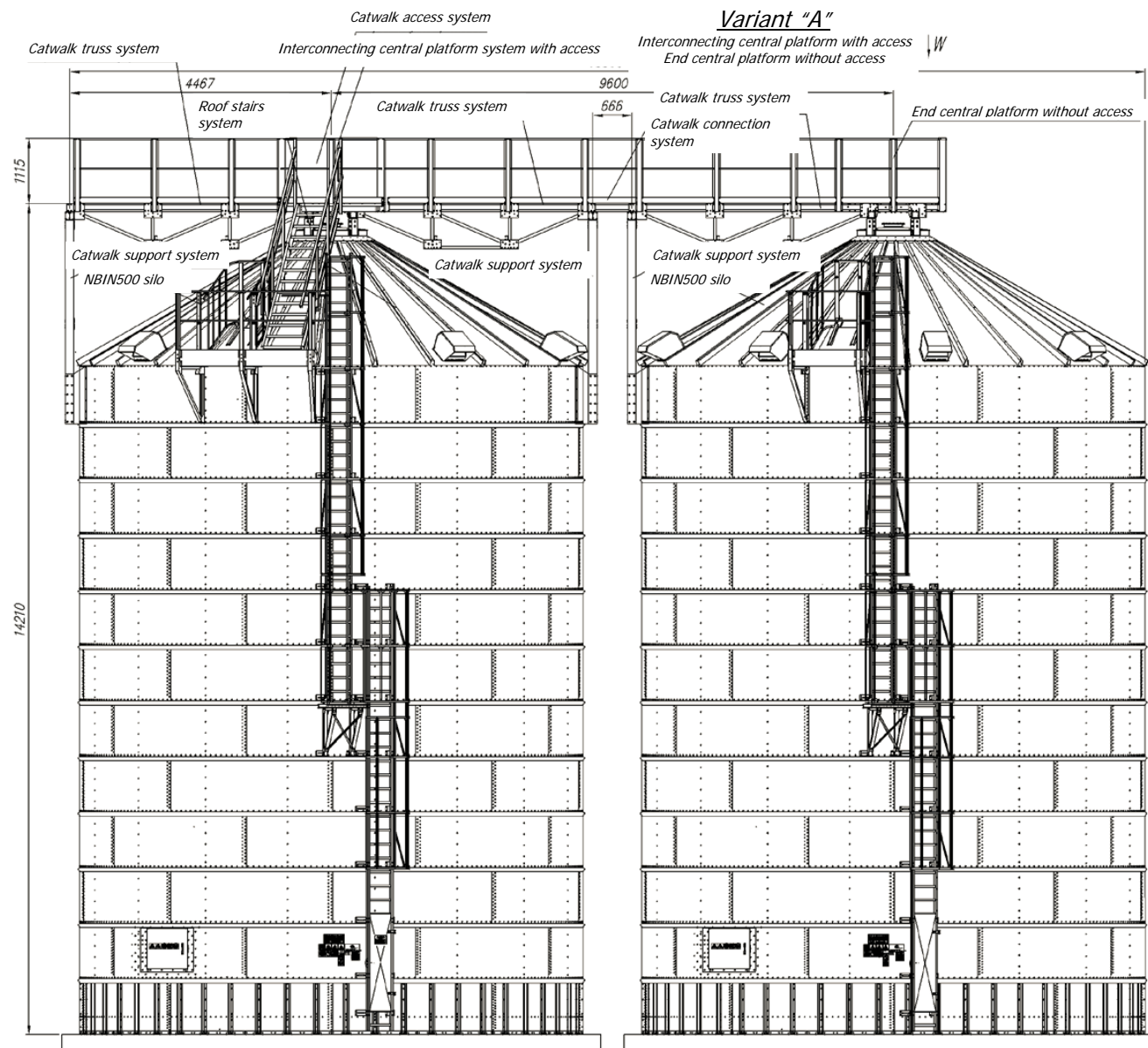


**Fig. 13 Construction and assembly of a catwalk for BIN200 type silos (Sheet 3 of 4).**



**Fig. 14 Construction and assembly of a catwalk for BIN200 type silos (Sheet 4 of 4).**

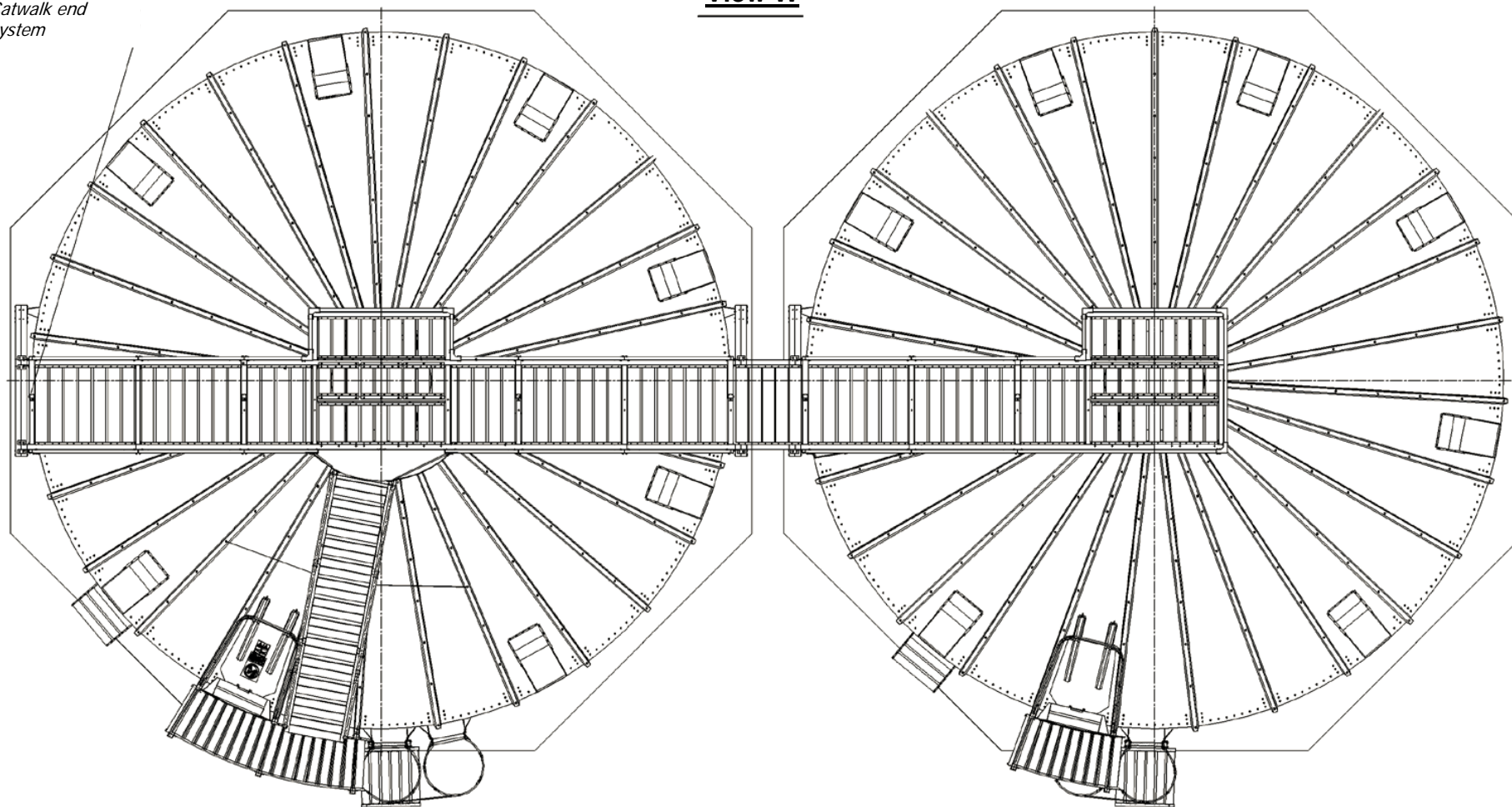




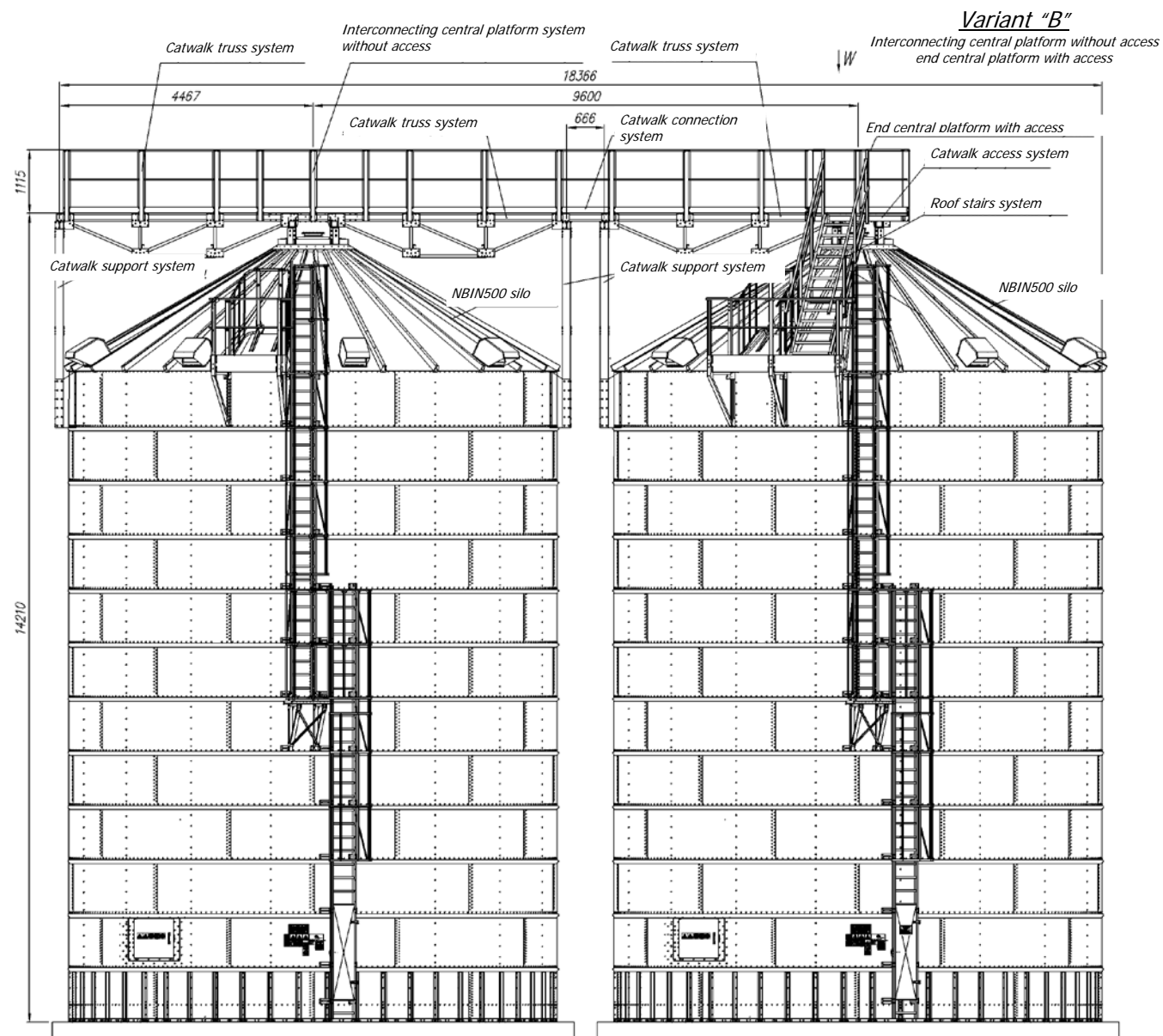
**Fig. 15 Construction and assembly of a catwalk for BIN500 type silos (Sheet 1 of 4).**

*Catwalk end  
system*

**View W**



**Fig. 16 Construction and assembly of a catwalk for BIN500 type silos (Sheet 2 of 4).**

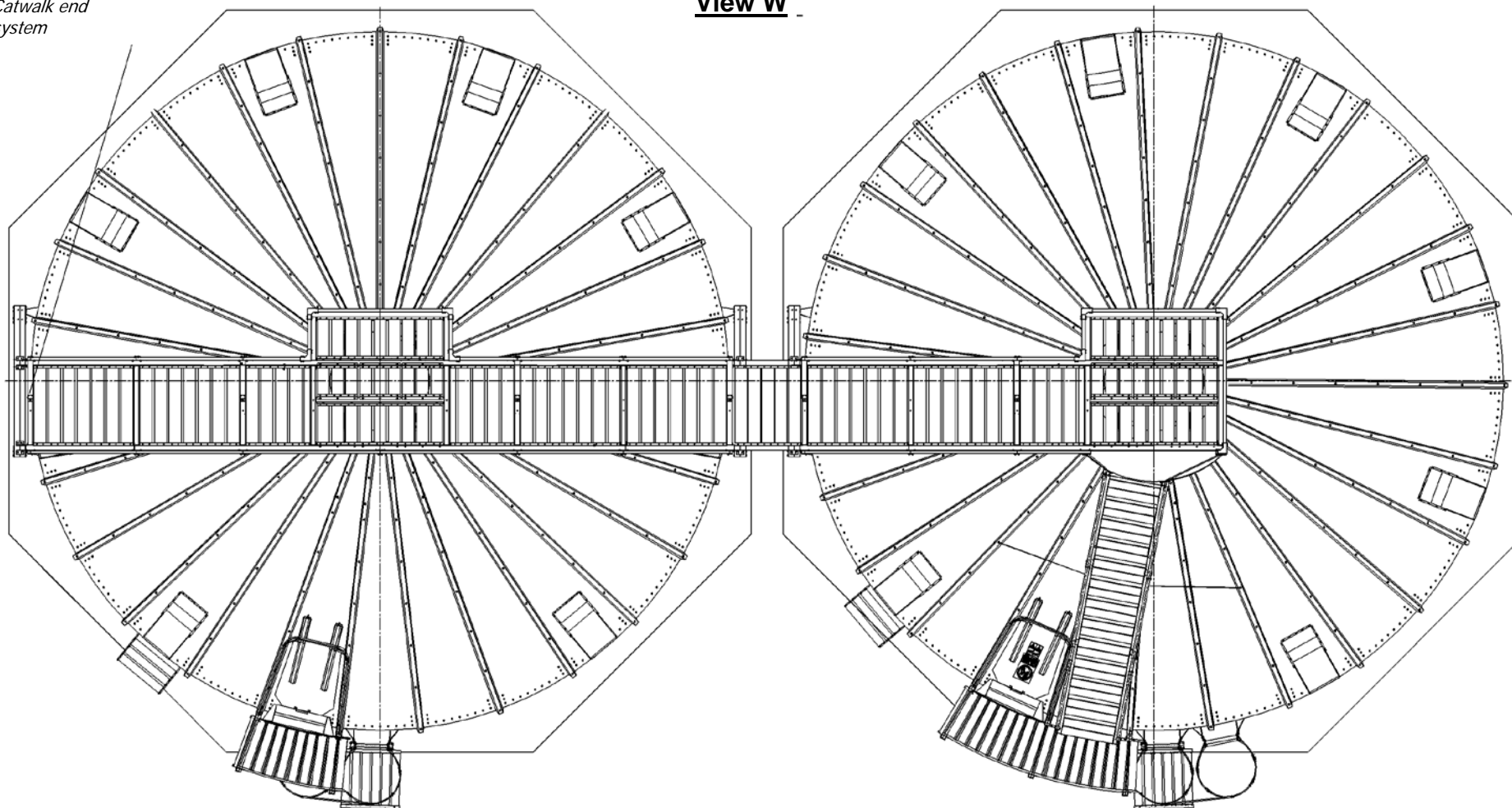


**Fig. 17 Construction and assembly of a catwalk for BIN500 type silos (Sheet 3 of 4).**

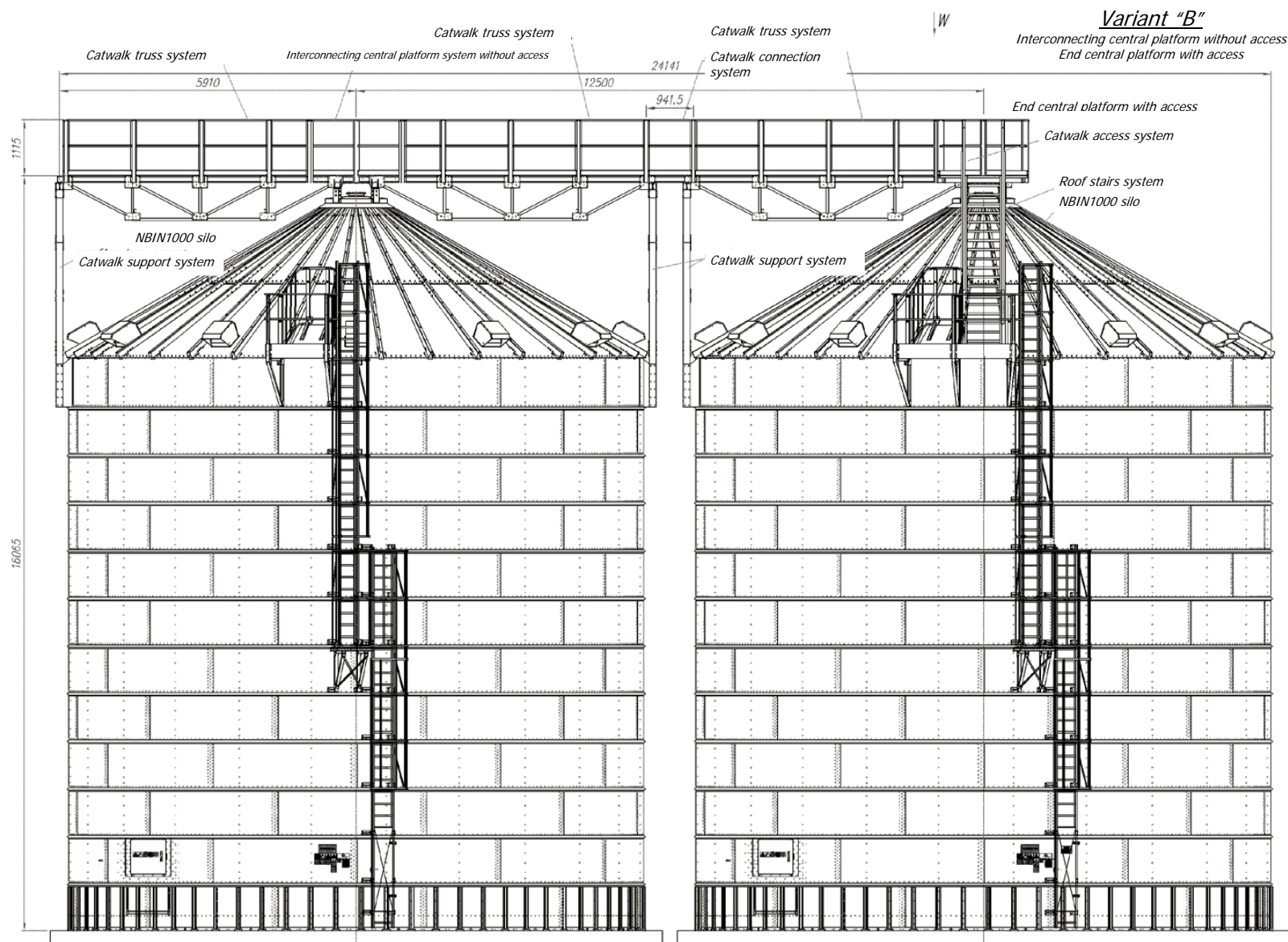


*Catwalk end  
system*

**View W**

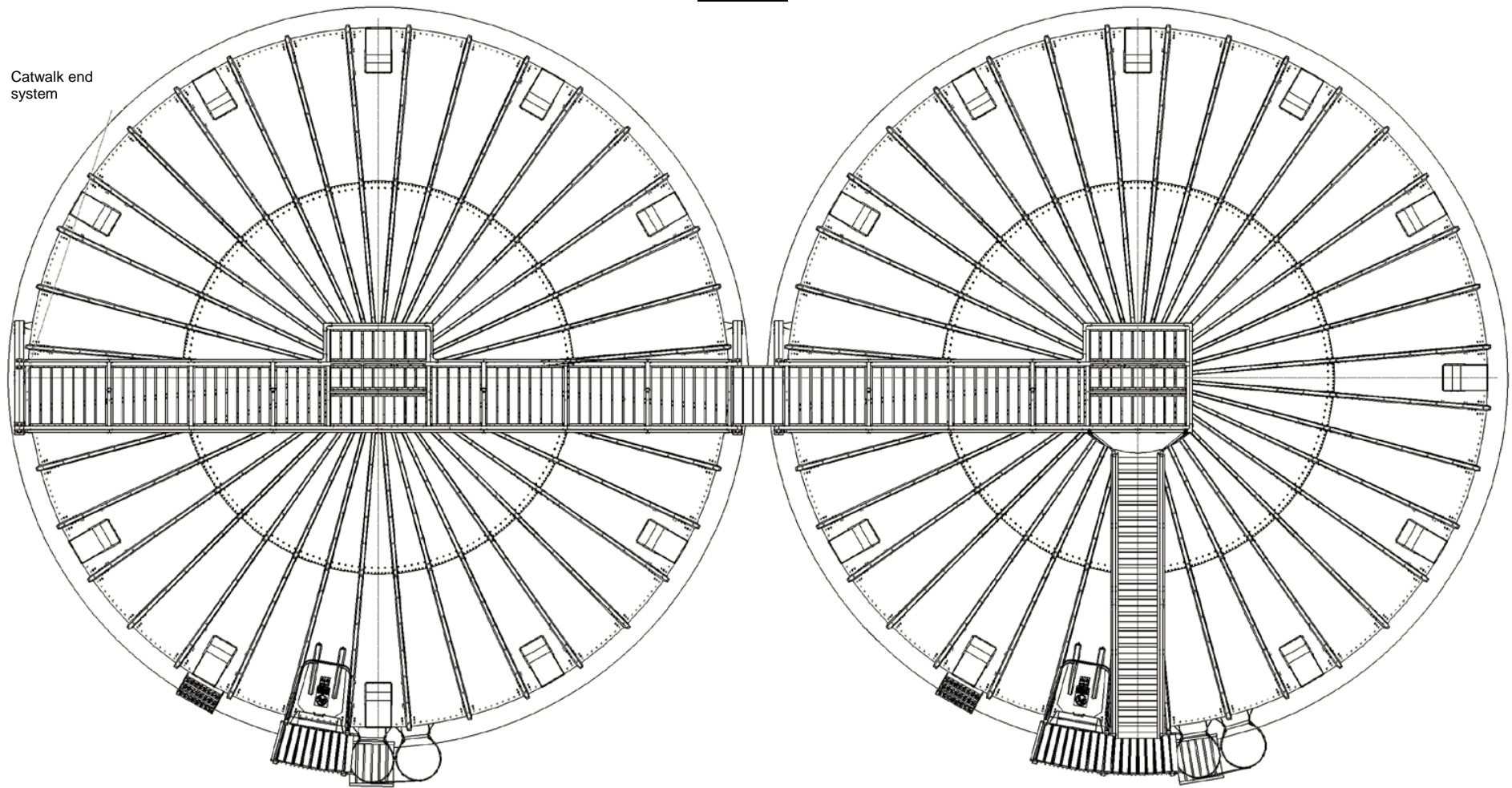


**Fig. 18 Construction and assembly of a catwalk for BIN500 type silos (Sheet 4 of 4).**

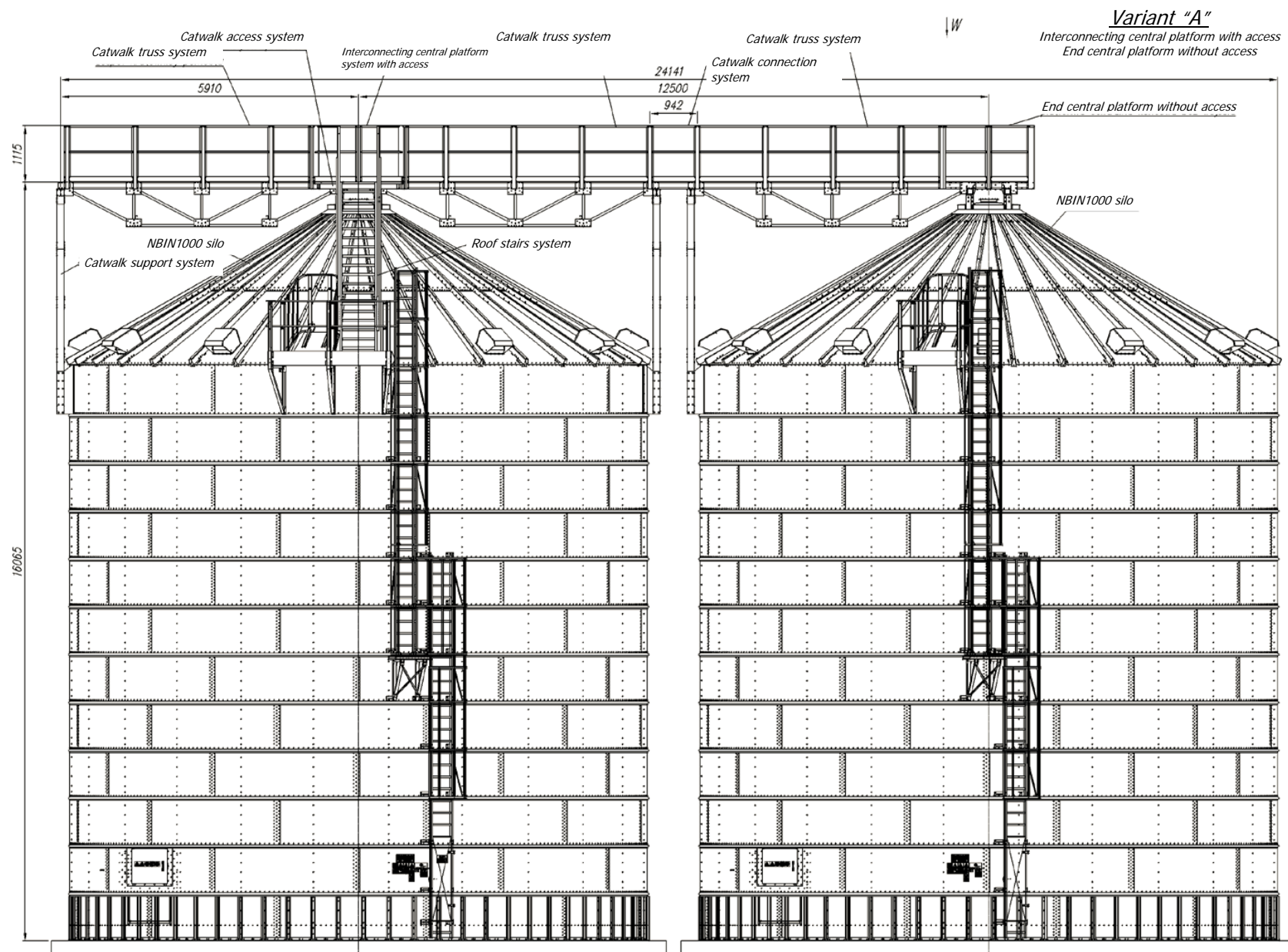


**Fig. 19 Construction and assembly of a catwalk for BIN1000 type silos (Sheet 1 of 4).**

**View W**



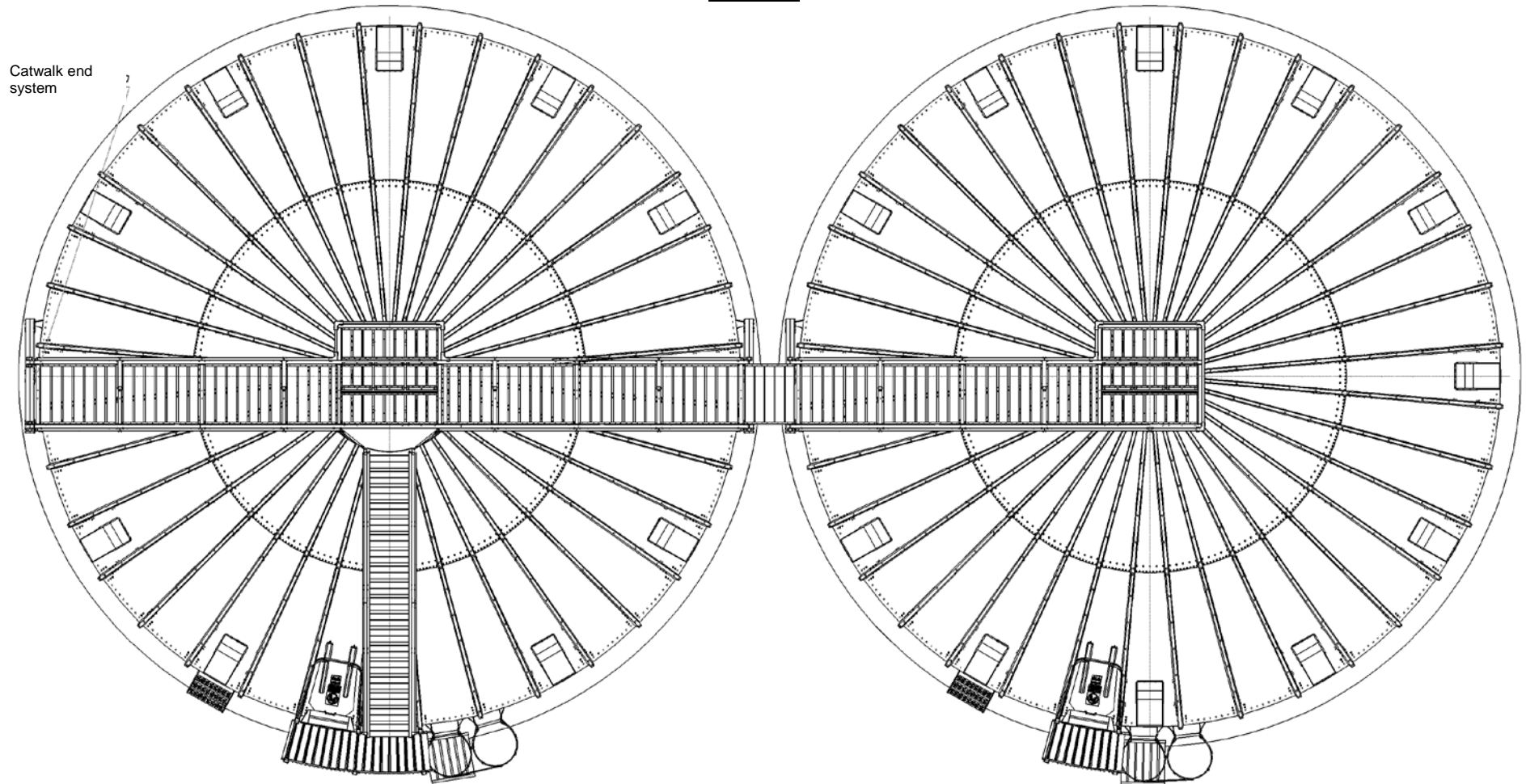
**Fig. 20 Construction and assembly of a catwalk for BIN1000 type silos (Sheet 2 of 4).**



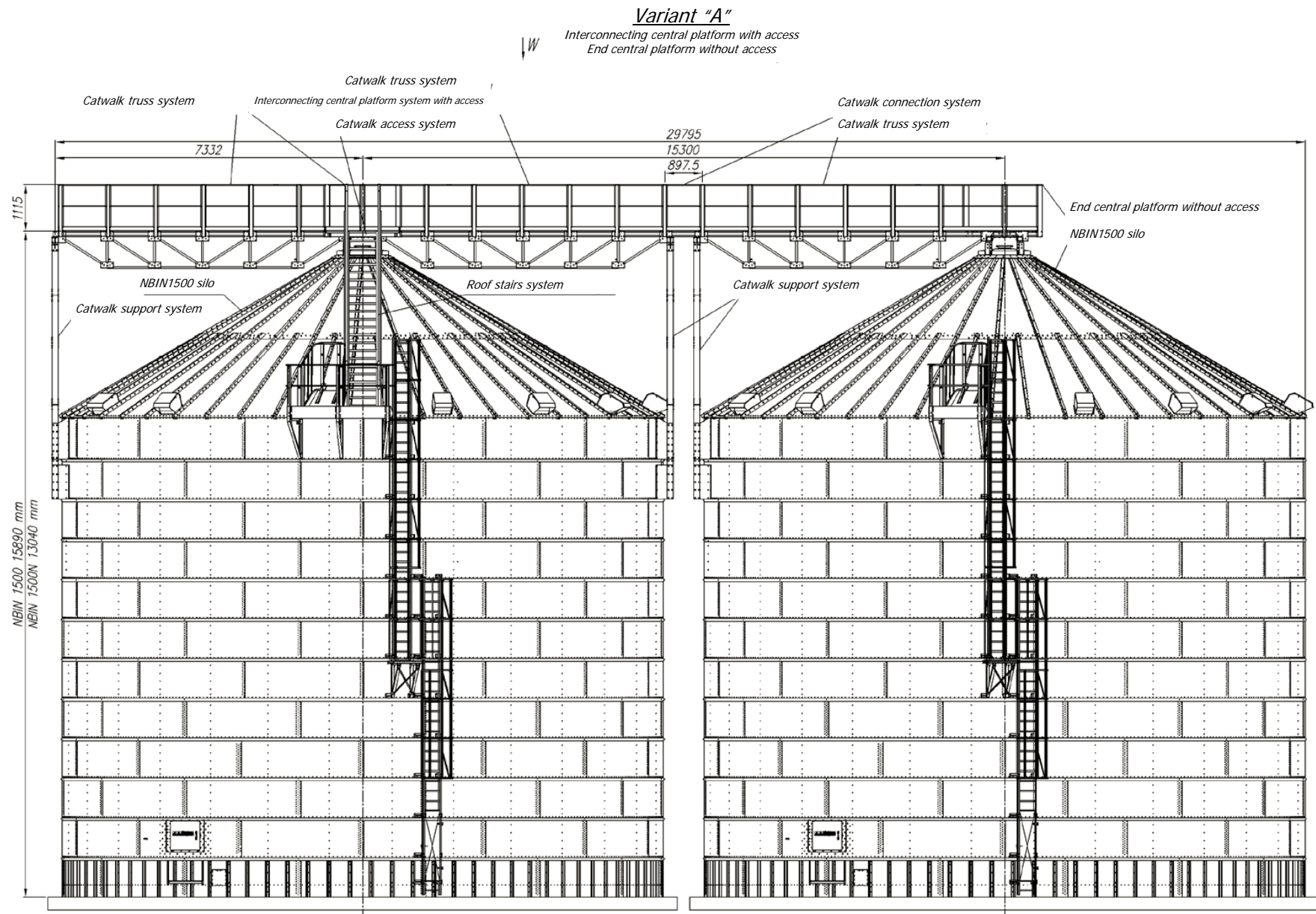
**Fig. 21 Construction and assembly of a catwalk for BIN1000 type silos (Sheet 3 of 4).**



**View W**

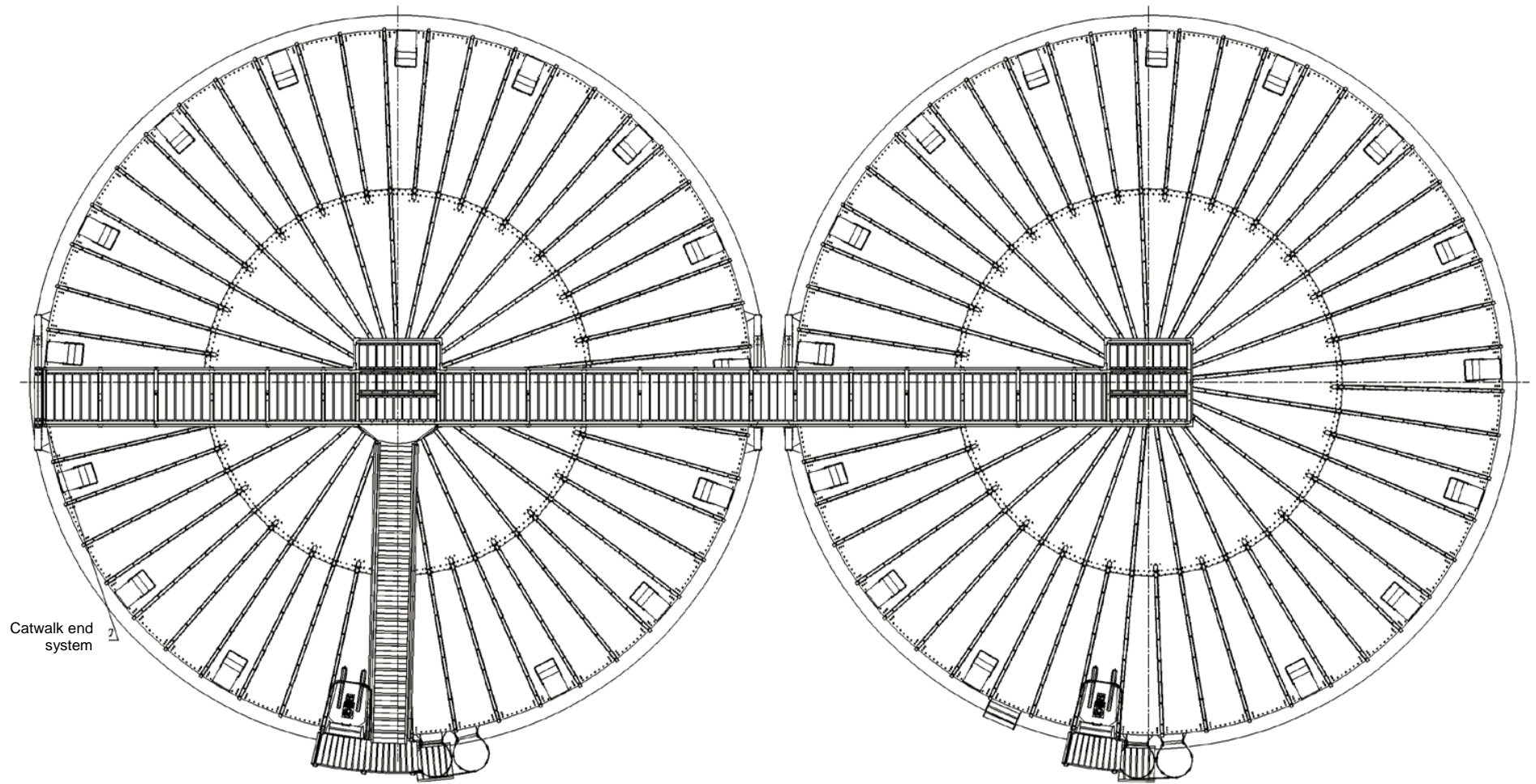


**Fig. 22 Construction and assembly of a catwalk for BIN1000 type silos (Sheet 4 of 4).**



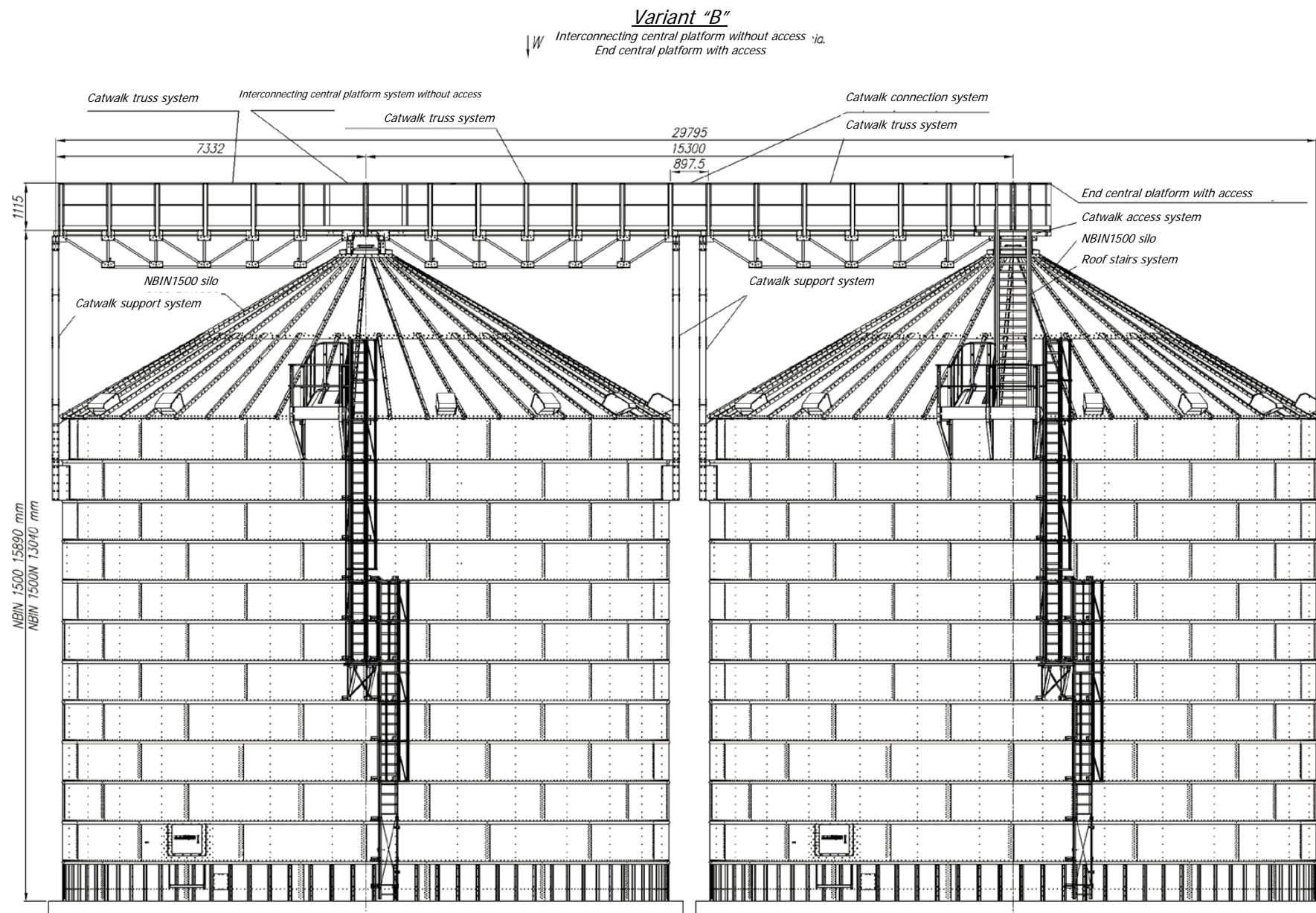
**Fig. 23 Construction and assembly of a catwalk for BIN1500 type silos (Sheet 1 of 4).**

**View W**



**Fig. 24 Construction and assembly of a catwalk for BIN1500 type silos (Sheet 2 of 4).**

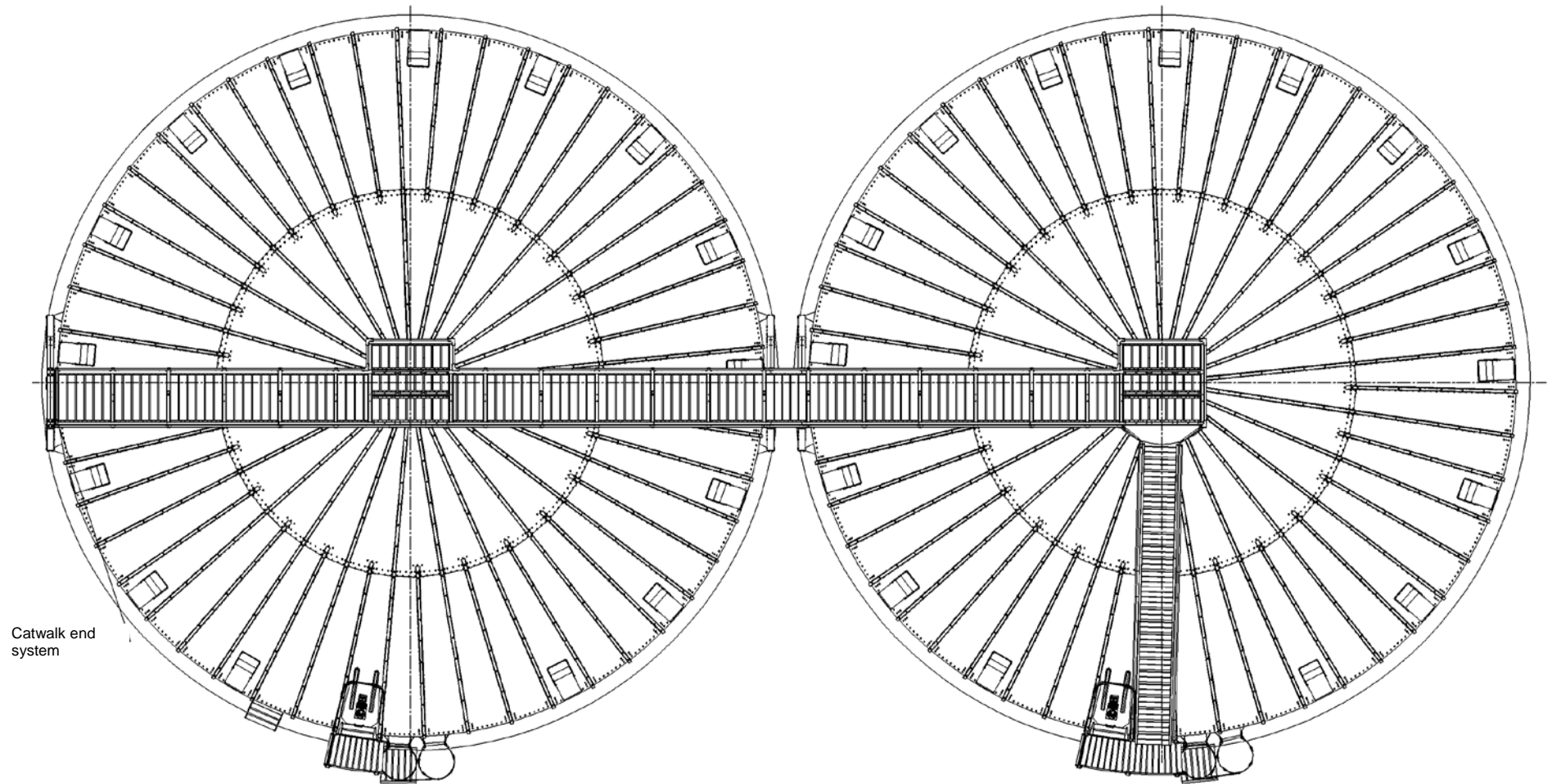




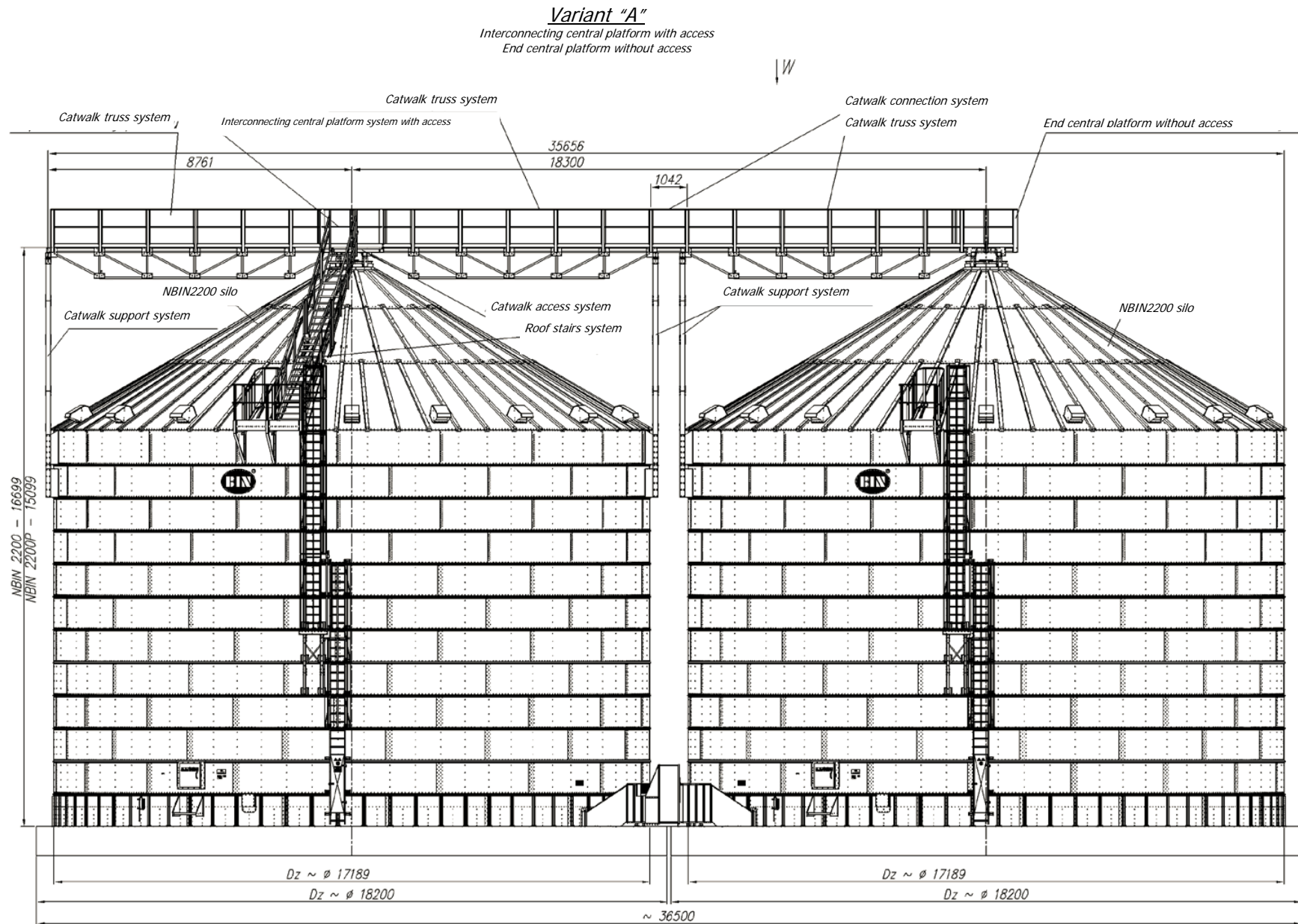
**Fig. 25 Construction and assembly of a catwalk for BIN1500 type silos (Sheet 3 of 4).**



**View W**

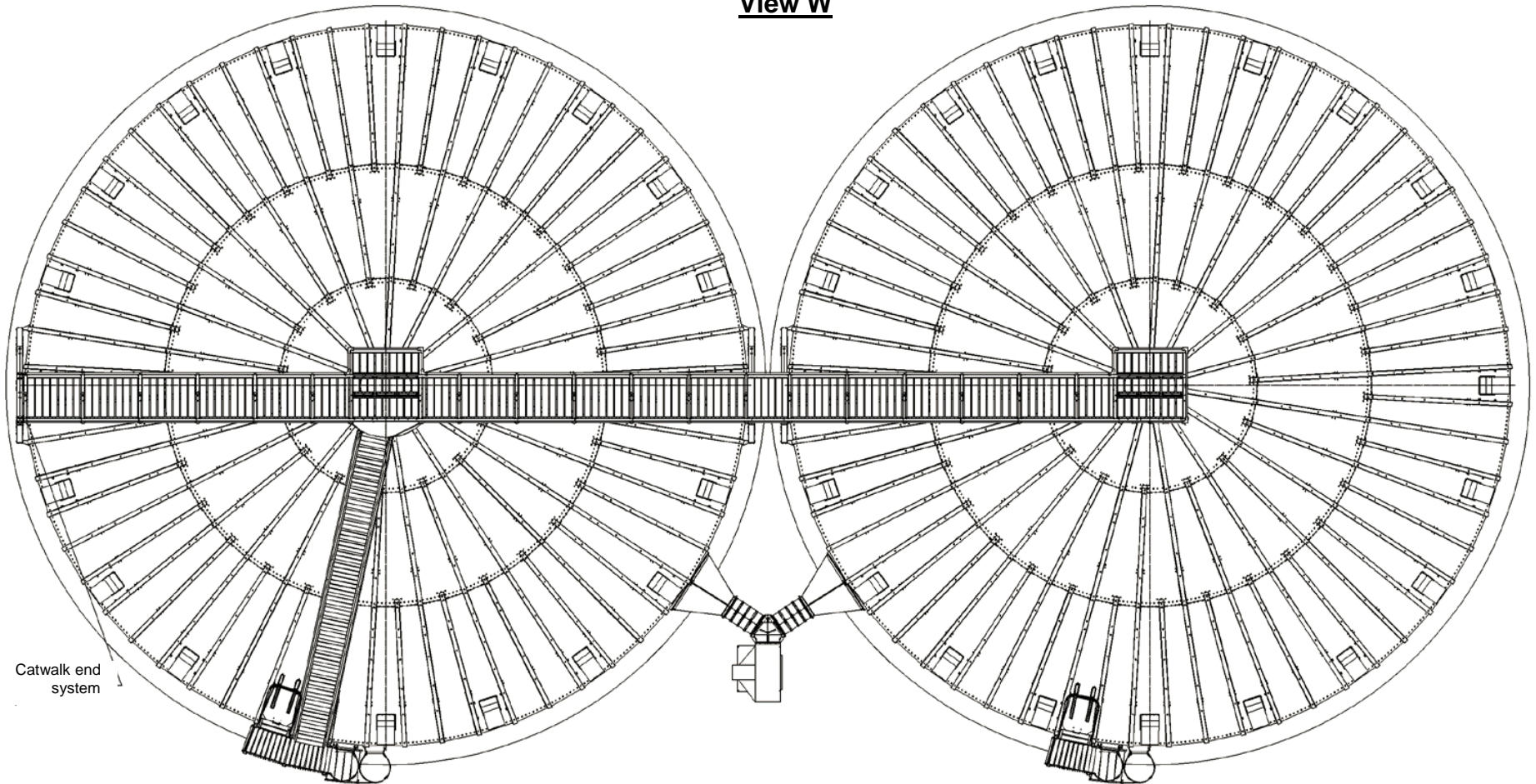


**Fig. 26 Construction and assembly of a catwalk for BIN1500 type silos (Sheet 4 of 4).**



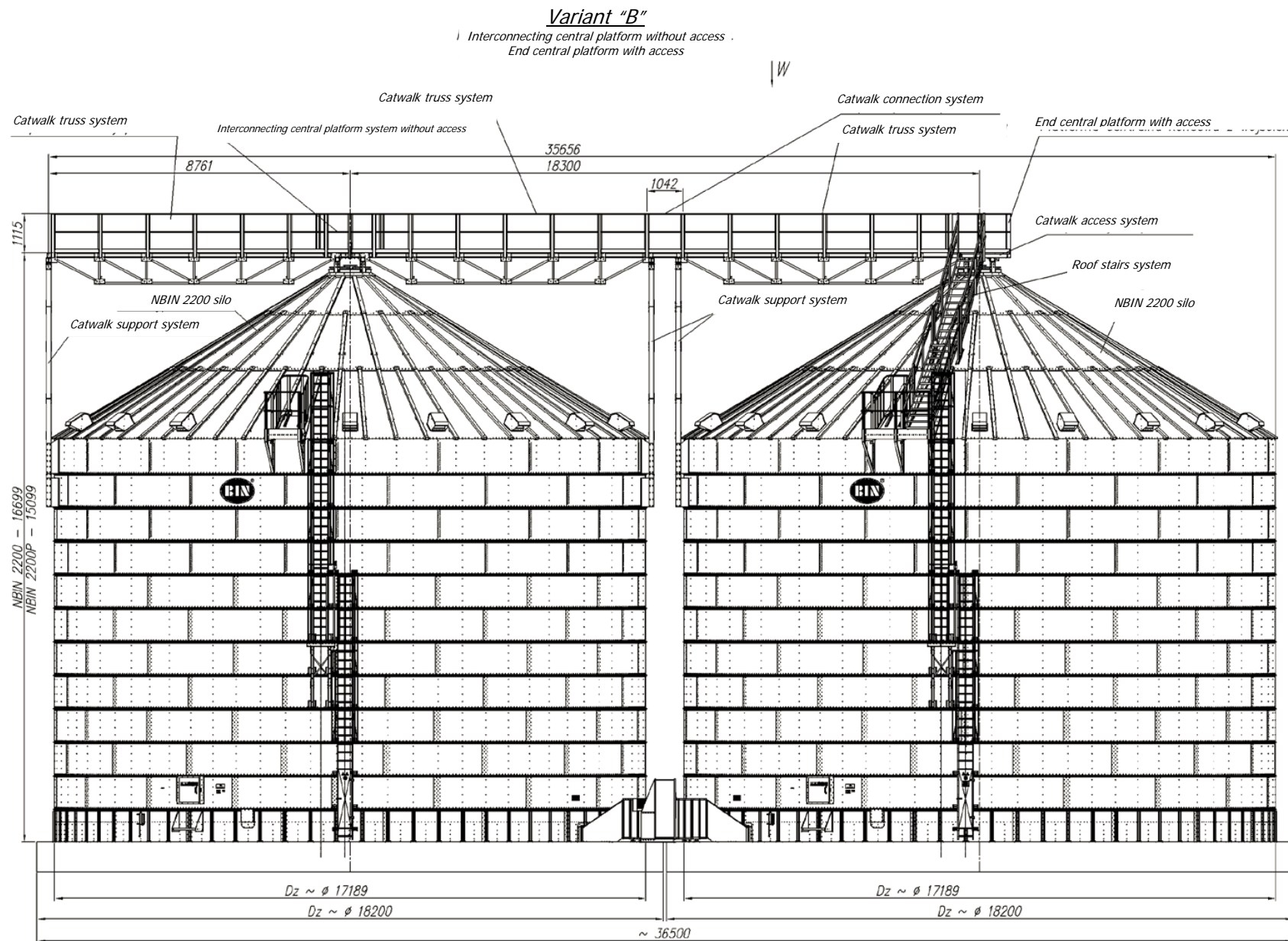
**Fig. 27 Construction and assembly of a catwalk for BIN2200 type silos (Sheet 1 of 4).**

**View W**



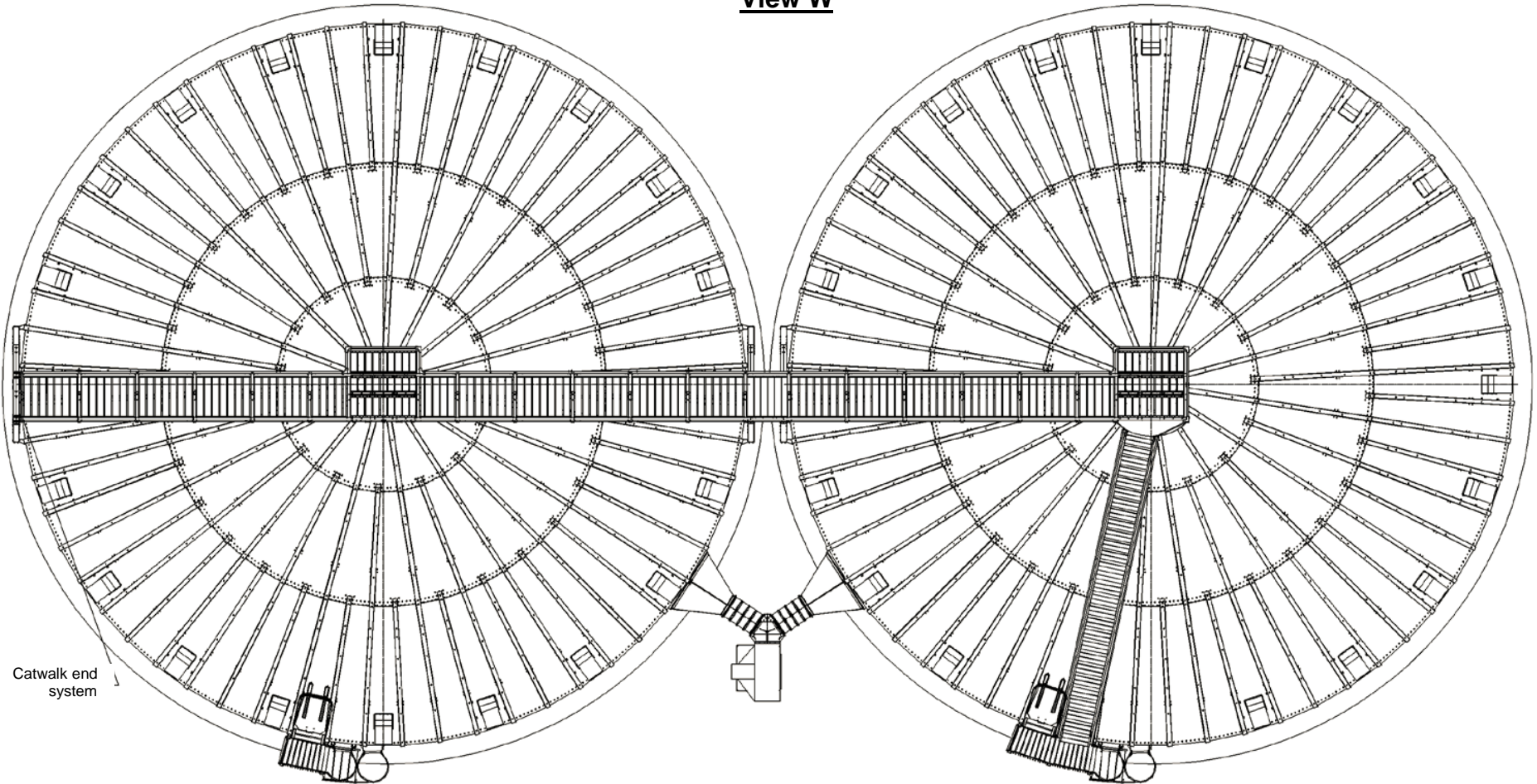
**Fig. 28 Construction and assembly of a catwalk for BIN2200 type silos (Sheet 2 of 4).**





**Fig. 29 Construction and assembly of a catwalk for BIN2200 type silos (Sheet 3 of 4).**

**View W**



**Fig. 30 Construction and assembly of a catwalk for BIN2200 type silos (Sheet 4 of 4).**

### 3. Product ordering

Catwalks and spare parts can be ordered from BIN Sp. z o.o. (BIN limited liability company) or from authorized BIN sales representatives. Construction of silos with catwalks should be based on a construction design and a building permit. The scope of delivery should be arranged with BIN before catwalks are ordered.

#### An order for POM60 catwalks should include:

- POM60 – a catwalk truss with supports, connecting unit and end system (one POM60 should be ordered for each silo in a series);
- POM60-DRAB – a ladder for accessing the catwalk (1 piece per each row of silos).

#### An order for POM100 catwalks should include:

- POM100-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM100-KRAT should be ordered for each silo in a series, excluding end silos, where one POM100-KRAT can be ordered);
- POM100-PLAT – a central platform system that should be ordered when a silo is not provided with roof stairs SCHODYDACH100 or according to the investment designer recommendations.

#### An order for POM200 catwalks should include:

- POM200-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM200-KRAT should be ordered for each silo in a series, excluding end silos, where one POM200-KRAT can be ordered);
- POM200-PLAT – a central platform system that should be ordered when a silo is not provided with roof stairs SCHODYDACH200 or according to the investment designer recommendations.

#### An order for POM500 catwalks should include:

- POM500-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM500-KRAT should be ordered for each silo in a series, excluding end silos, where one POM500-KRAT can be ordered);
- POM1500-PLAT – a central platform system, catwalk connecting system and catwalk end system (one POM1500-PLAT should be ordered for each silo in a series);
- POM2200-WEJ – a catwalk access system (one series of catwalks can only be provided with one access system, or according to the investment designer recommendations).

#### An order for POM1000 catwalks should include:

- POM1000-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM1000-KRAT should be ordered for each silo in a series, excluding end silos, where one POM1000-KRAT can be ordered);
- POM1500-PLAT – a central platform system, catwalk connecting system and catwalk end system (one POM1500-PLAT should be ordered for each silo in a series);
- POM2200-WEJ – a catwalk access system (one series of catwalks can only be provided with one access system, or according to the investment designer recommendations).

An order for POM1500 catwalks should include:

- POM1500-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM1500-KRAT should be ordered for each silo in a series, excluding end silos, where one POM1500-KRAT can be ordered);
- POM1500-PLAT – a central platform system, catwalk connecting system and catwalk end system (one POM1500-PLAT should be ordered for each silo in a series);
- POM2200-WEJ – a catwalk access system (one series of catwalks can only be provided with one access system, or according to the investment designer recommendations).

An order for POM2200 catwalks should include:

- POM2200-KRAT – a catwalk truss system with supports, connecting unit and end system (two POM2200-KRAT should be ordered for each silo in a series, excluding end silos, where one POM2200-KRAT can be ordered);
- POM1500-PLAT – a central platform system, catwalk connecting system and catwalk end system (one POM1500-PLAT should be ordered for each silo in a series);
- POM2200-WEJ – a catwalk access system (one series of catwalks can only be provided with one access system, or according to the investment designer recommendations).

Each time before purchase, the customer should obtain detailed information from the producer or sales representative concerning a planned investment.

The producer prepares the ordered catwalk together with ordered accessories, spare parts, etc.

#### **4. Application and design of catwalks**

The catwalks facilitate use and servicing of silos of BIN60 BIN100, BIN200, BIN500, BIN1000, BIN1500, BIN2200, KONSIL60 and KONSIL100, especially when above-mentioned silos are arranged as groups of several silos in a series. They represent additional equipment for the silos. They ensure safe and convenient installation and operation of various grain transport equipment. Their design provides for construction in weather conditions prevailing in Poland, for:

- a wind zone according to PN-EN 1991-1-4:2005
  - in the zone 1 of the fundamental basic speed velocity to the height  $A \leq 600\text{m amsl}$ ;
  - in the zone 2 of the fundamental basic speed velocity regardless of the height amsl;
  - in the zone 3 of the fundamental basic speed velocity to the height  $A \leq 600\text{m amsl}$ .

The assumptions for zones correspond to the fundamental basic speed velocity of  $v_{b,0} = 26\text{m/s}$ .

Additionally, the land category II defined in PN-EN 1991-1-4 as areas of low vegetation and low obstacles located at a distance equal to at least 20 times their height was assumed in calculations. Construction of silos with catwalks on seaside and coastal areas, lakes and areas without land obstacles, belonging to more strict land categories, is not foreseen.

- effects of snow, according to PN-EN 1991-1-3:2005
  - in the zone 1 of snow load to the height of 428m amsl, the zone 2 of snow load regardless of the height amsl, the zone 3 of snow load;

- in the zone 2 of snow load regardless of the height amsl;
- in the zone 3 of snow load to the height of 366m amsl;
- in the zone 4 of snow load regardless of the height amsl.

Assumptions for snow load zones correspond to the ground snow load of a characteristic value of 1.6 kN/m<sup>2</sup>.

The basis for catwalk construction is built of sections made of hot-dip galvanised metal sheet; thus the whole structure is durable and weather resistant.

## 5. Catwalk installation



**Catwalks can be attached to suitable BIN silos only – installation on different silos, buildings, constructions etc. is not permissible.**

Catwalks should be mounted on the silos during their erection, because it is impossible to install a catwalk on an existing silo. Only grain transport equipment weighing not more (weight of transported grain included) than:

- 140kg/m for POM500, POM1000, POM1500, and POM2200 catwalks; and
- 70kg/m for POM60, POM100, and POM200 catwalks

Above-mentioned equipment should be installed on a catwalk in a manner securing against unexpected movement.

Catwalk installation requires the use of a special equipment and knowledge. Therefore, such installation should be performed solely by fitting companies authorized by BIN. A fitting company is responsible for co-operation with the employer within the scope of works organization, settlement of accounts and acceptance of the fitting works.

## 6. Catwalk servicing

It is necessary to carry out correct and prompt inspections, maintenance work and repairs to guarantee full operational capacity of catwalks and to prevent premature and excessive wear.

Servicing scope includes:

- inspection and repairs of anticorrosive coatings,
- periodic maintenance of screw joints,
- inspection, cleaning and exchange (if necessary) information and warning signs, nominal plates and other information installed on catwalks or related to them.

Frequency of periodic inspections must be adjusted to the intensity of operation and weather conditions, but no less than once a year.



**All damage should be repaired immediately, and broken or worn parts must be repaired or replaced with new ones.**





**If catwalk is installed on a silo, it is prohibited to dismantle any part of this catwalk.**



**Maintenance work which requires to go out of the operating area of the catwalk should be commissioned to specialized company.**

## **7. Disassembly and disposal**

When the equipment is found to be unfit for further operation, the following should be done:

- dismantle all parts and assemblies of the catwalk;
- sort all parts according to a place and a method of disposal;
- all parts and assemblies made of metals, plastics and similar, must be handed over to specialized entities processing and neutralizing such materials;
- the remaining parts should be secured against having any possible adverse effect on people and the environment.



**Catwalk disassembly must be preceded by silo disassembly.**

## **8. Warranty and warranty certificate**

BIN Spółka z o. o. guarantees correct operation of the purchased product manufactured by our company. The warranty period is 12 months from the purchase date and is valid only together with a sales confirmation given to the user by us or by our representative. Warranty concerns free of charge removal of faults which substantially affect product functionality. Therefore, application of warranty regulations under 558 §1 of the Civil Code is excluded.

### **General terms and conditions of the warranty**

1. Territorial range of the warranty  
The warranty covers the whole Poland. The warrantor will cover costs of transport related to recognized warranty complaint up to the limit of 250 covered kilometres, according to typical rates.
2. The warranty does not cover faults caused by improper or excessive use, natural wear of components or other causes which the manufacturer is not responsible for.
3. The warranty does not cover any costs not mentioned above, especially costs resulting from equipment shutdown.
4. The warranty becomes invalid in case of:
  - product misuse;
  - improper installation or performing unauthorized changes in equipment,
  - works requiring special licences performed by unauthorized persons.

### **Detailed terms and conditions of the warranty**

1. In case of products:
  - containing electric motors, warranty for these motors is issued by their manufacturer.

- supplied as a set of components – customers will check the condition of the components and will store them on his own responsibility until they are used during assembly. Flat components made of zinc plated sheets need special care. They should be stored in a manner enabling a free flow of air around each component. Even during short storage the contact of wet zinc plated sheets causes formation of non-removable stains.
2. BIN Sp. z o.o guarantees correct anticorrosion protection for manufactured hot-dip galvanised products. A precondition is a minimum zinc coat weight of 200 g/m<sup>2</sup> for all products made of hot-dip galvanised sheet.
- Furthermore, products may have features of no significance for the anticorrosion protection, and therefore, not being a subject to the warranty extension, including:
- different zinc coating colouring or shade, etc., of individual product components (depending on material supplier);
  - visible cracks and scratching formed during metal sheet production, when the minimum zinc coat weight is maintained.
3. If arrangements made during placing an order or arrangements specified in the operating manual impose obligations on the buyer, then the warranty does not cover the results of negligence or improper realization of such obligations.
4. Overdue financial obligations of the buyer with regard to the warrantor or the seller result in the loss of the warranty rights until such obligations are settled.

### **Procedure of exercising the warranty rights**

The customer notifies the seller in writing about faults found, using enclosed Warranty Certificate.

Within 14 days at the latest the seller notifies the customer about the way of handling its complaint, the place and the date of warranty repair.

Producer:

.....  
*Seller's*

BIN Sp, z o.o.  
87-100 Aleksandrów Kujawski  
ul. Narutowicza 12

*(Seller's signature is not needed if there's a note concerning warranty transfer on a sales invoice )*

PAGE INTENTIONALLY LEFT BLANK



**BIN Sp. z o.o.**  
87-700 Aleksandrów Kujawski  
ul. Narutowicza 12  
tel. 0-54 282 22 55

## WARRANTY CERTIFICATE

Model	Year of production	Serial number	Purchase document no.

Detailed description of the defect found

First name and surname (company name)	Place	Street and house number	Postal code and post office
Date	Signature	Phone number	Date, signature and stamp of an electrician who starts up the device



**BIN Sp. z o.o.**  
87-700 Aleksandrów Kujawski  
ul. Narutowicza 12  
tel. 0-54 282 22 55

## WARRANTY CERTIFICATE

Model	Year of production	Serial number	Purchase document no.

Detailed description of the defect found

First name and surname (company name)	Place	Street and house number	Postal code and post office
Date	Signature	Phone number	Date, signature and stamp of an electrician who starts up the device



**BIN Sp. z o.o.**  
87-700 Aleksandrów Kujawski  
ul. Narutowicza 12  
tel. 0-54 282 22 55

## WARRANTY CERTIFICATE

Model	Year of production	Serial number	Purchase document no.

Detailed description of the defect found

First name and surname (company name)	Place	Street and house number	Postal code and post office
Date	Signature	Phone number	Date, signature and stamp of an electrician who starts up the device

PAGE INTENTIONALLY LEFT BLANK





BIN Spółka z o.o.  
87-700 Aleksandrów Kujawski  
ul. Narutowicza 12  
POLSKA  
Tel./Fax. 0-54 282 22 55

## Declaration of Conformity

**Producer:** BIN Sp. z o.o.  
87-700 Aleksandrów Kujawski  
Ul. Narutowicza 12  
POLAND

Declares hereby that the following products:

Type	Model	Name of machine
POM60	POM60, POM60-DRAB	Service catwalks for BIN60 and KONSIL60 silos
POM100	POM100-KRAT, POM100-PLAT	Service catwalks for BIN100 and KONSIL100 silos
POM200	POM200-KRAT, POM200_PLAT	Service catwalks for BIN200 silos
POM500	POM500-KRAT	Service catwalks for BIN500 silos
POM1000	POM1000-KRAT,	Service catwalks for BIN1000 silos
POM1500	POM1500-KRAT, POM1500-PLAT	Service catwalks for BIN1500 silos
POM2200	POM2200-KRAT, POM2200-WEJ	Service catwalks for BIN2200 silos

conform to basic requirements specified in:

- Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast) (OJ L 157/24)
- Regulation of the Minister of Economy, of 21 October 2008, (Journal of Laws No. 199, item 1288), on basic requirements for machines.

The following harmonised standards were used to assess conformity:

- PN-EN ISO 12100-1:2005 App1: 2006 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology
- PN-EN ISO 12100-2:2005 Safety of machinery - Basic concepts, general principles for design - Part 2 Technical principles

This Declaration of Conformity applies to the following product:

Model:

Serial no.:

***This Declaration of Conformity becomes invalid when the product specified above is assembled, modified or changed contrary to guidelines specified in this Operating Manual without a written consent of the manufacturer.***

Aleksandrów Kujawski, 30 April, 2015

**Chief Designer**

  
**Piotr Chojnicki, Eng**