

**Sub-Committee for Alpine Courses: INSPECTION REPORT**  
*Sous-Comité pour Pistes Alpines: RAPPORT D'INSPECTION*  
 Sub-Komitee für Alpine Rennstrecken: INSPEKTIONSBERICHT

1.	Nation: Nation: Nation:	<b>NOR</b>	Site: Lieu: Ort:	<b>Indoor Skiing, SNO</b>	Name of the course: Nom de la piste: Name der Strecke:	<b>Sno loypa</b>	
2.	Contact address: Adresse à contacter: Kontaktadresse:	<b>Sno hallen Snoefonna 1 N - 1470 Lørenskog</b>					
	Tel:		Mobile:	+4797164700	Email:	trym@snooslo.no	
3.	Already inspected by: Déjà inspecté par: Bereits inspiziert durch:	<b>NONE</b>					
		Hom. Nr					
4.	Course for (event): Piste pour (discipline): Strecke für (Disziplin):	<b>SL ENL</b>					
	(Variantes)	M	x		W	x	
	Start (m): Départ (m): Start (m):	163					
	Finish (m): Arrivée (m): Ziel (m):	80					
	Vertical Drop (m): Dénivelée (m): Höhendifferenz (m):	83					
	Length (m): Longueur (m): Länge (m):	399					
	* Minimum width (m): * Largeur minimale (m): * Mindestbreite (m):	25					
	Average gradient %: Pente moyenne %: Durchschnittliche Neigung:	20,8					
	Max. gradient %: Pente max. %: Grösste Neigung %:	64					
	Min. gradient %: Pente min. %: Geringste Neigung %:	0					
	Orientation: Orientation: Himmelsrichtung:	North east					

\* Optional / Optionnel / Optional

5. Water supply available:	yes:	no:	Snow making:	yes:	no:
Branchement d'eau:	oui:	non:	Neige artificielle:	oui:	non:
Wasseranschluss:	ja: <b>x</b>	nein: <input type="checkbox"/>	Beschneigungsanlage:	ja: <b>x</b>	nein: <input type="checkbox"/>

*The applicant has responsibility for the observance of applicable environmental regulations.*

*Le demandeur est responsable de l'observation des règles applicables à l'environnement.*

*Der Antragsteller ist dafür verantwortlich, dass die geltenden Umweltschutzbestimmungen eingehalten werden.*

6. Minimum protection necessary:  
Protection minimale nécessaire:  
Mindestanforderungen für die Absicherung:

On skiers right, close to the wall, it is needed to have B nets all the way.  
On regular basis, they have B nets set all the way, but during competition, they need to move them out from the wall (2 meters).  
Where it will be direct contact with the concrete wall, it is needed to have safety mats in front.  
On skiers right they have 7 towers for artificial snow making. They are all covered with safety mats „Techno alpin“, and then in front of them again, on ground level, they have one more safety mat from Antra.  
All columns on skiers right are covered with safety mats from Antra.

On skiers left, we have „Midtbakken“.  
This must be protected with B nets on the „jumps“, and then just separated with BC 130 nets in between, so that the competition course is separated from „Midtbakken“ all the way.

Finish area:  
From the finish line there is approx 40 meters down to a quite narrow part of the slope, with a width of only 4 meters, before it opens up again. We suggest that the finish area closes up at the end of this part, before the narrow part. The whole finish area must be fenced off with B nets.

**Important! The Jury may require additional protection.**  
**Important! Le jury peut demander toutes protections supplémentaires.**  
**Wichtig! Die Jury kann zusätzlichen Absicherungen verlangen.**

7. Emergency evacuation arrangements:  
Modalités d'évacuation d'urgence:  
Abtransportmöglichkeiten bei Notfällen:

Nearest hospital – Åhus - 4,1 km – 10 min drive with car. Level 1  
Possible to land with helicopter outside the hall.  
Ski patrol in the house.  
Heart defibrillator in the house.

8. Connection and cabling start-finish (timing cables: pairs nr and type, outlets along the course):  
Liaisons et câblages départ-arrivée (câbles électrique de chronométrage: nr et type, dérivations):  
Verbindungen und Verkabelungen Start-Ziel (Elektrisches Zeitnehmungskabel: paar nr, Anschlüsse):

Connected wires from start to finish, 20 pares.  
Tag Heur  
A, B and manuell clocks - CP545  
Chrono printer 545  
Startgate HL 7-1  
Photocell/finish x 2, HL 3-31  
Outlets at the finish, two intermediate time outlets

9. Uphill facilities (Lifts etc.) - Remontées mécaniques - Auffahrtsmöglichkeiten (Bahn, Lifts):

4 seats chair lift, Poma  
Duration time 5 min

10. The inspector was assisted by: - Etaient présents à l'inspection: - Anwesende an der Inspektion:

Stefan Johnsen Havelid, NSF  
Trym Klingenberg, operation manager  
Ole Kristian Mork, marketing manager

11. General remarks: - Observations générales: - Allgemeine Bemerkungen:

This is an indoor skiing arena.

12. Conclusions: - Conclusions: - Schlussfolgerungen:

Positive evaluation for the homologation.

13.

Date of the inspection:  
Date de l'inspection:  
Inspektionsdatum:

7th of sept 2020

Signature :  
Signature :  
Unterschrift:



The Inspector :  
L'inspecteur :  
Der Inspektor :

Anne Cathrine Enstad, NOR

***Translation of the present Inspection Report in the local language is strongly suggested upon responsibility of the local NSA and copy of the original version must be kept attached to the Homologation Certificate.***

***Additional Reports (eg Technical Adviser) must be attached to the homologation dossier.  
D'autres rapports (par exemple d'un Expert Sécurité) doit être joint au dossier d'homologation.  
Weitere Berichte (z. B. Technische Berater) müssen diesem Homologationsdossier beigefügt sein.***

## ADDITIONAL REPORT

<b>Nation</b>	NOR
<b>Site</b>	SNOhallen, Indoor Skiing
<b>Name of course</b>	Snoloypa
<b>Homologation nr</b>	<b>New</b> x <b>Old nr.:</b>
<b>Start</b>	163
<b>Finish</b>	80
<b>VD</b>	83
<b>Length</b>	399
<b>Gradient average</b>	20,8
<b>Longitude and latitude at start</b>	
<b>Track exposure</b>	North east
<b>Arrival to site</b>	The indoor skiing area is close to Olso, and only 10 minutes drive north from Oslo centrum. Following E6 north, to Lørenskog.
<b>Parking facilities (para)</b>	The area is still under construction, and it will be a parking house finished within 1 year and they will then have 600 parking lots available.
<b>Toilet facilities (para)</b>	Toilets on every floor, elevator in the house.
<b>Lifts</b>	4 seats chear lift, POMA.
<b>Duaration lift (up/down)</b>	5 minutes with the lift, aprox 40 sec down the comp course.
<b>Access to comp.course</b>	Indoor skiing area. You go into the course at 1st floor.
<b>General snow conditions</b>	Indoor skiing area, approx 1 meter with snow all the way, constant minus temperature between 4 and 6.
<b>Wind impact</b>	None
<b>Conditions along the slope</b> - such as trees, rocks, watercourses etc	Midtbakken, where it is possible to ski down. Skiers left. Indoor skiing area: On skiers right you have a wall, and on skiers left you have the chair lift and «Midtbakken».
<b>Scooter equipment on site</b> - transport possibilities to start	They have 3 ATW, which can be used if needed.
<b>Transport of injured</b> - helicopter	They have ski patrol on site, with a normal sledge. Injured people can be taken out the garage door, on skiers right in the competition hill. Ambulance can drive all the way to the garage door.
<b>Snowmaking</b>	Yes
<b>Water connection</b>	Yes
<b>Chrono cables</b>	Connected wires from start to finnish, 20 pares. Tag Heur system.
<b>Finish house</b>	Yes, they bring in a small house during competitions.
<b>Start area</b>	Chair lift to the start, then they have to walk 8,5 meters up a stiletto to get to the start of the comp. Course.
<b>Finish area</b>	No problem.
<b>Training slopes</b>	Midtbakken, on skiers left.
<b>Transit along the competition slope</b>	Midtbakken.
<b>Accomodation facilities</b>	There will be finnished a hotell with 900 beds in 2022. Otherwise there is a lot of hotels nearby.

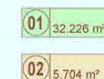
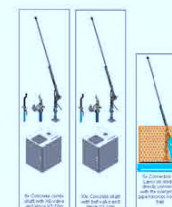
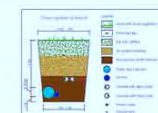
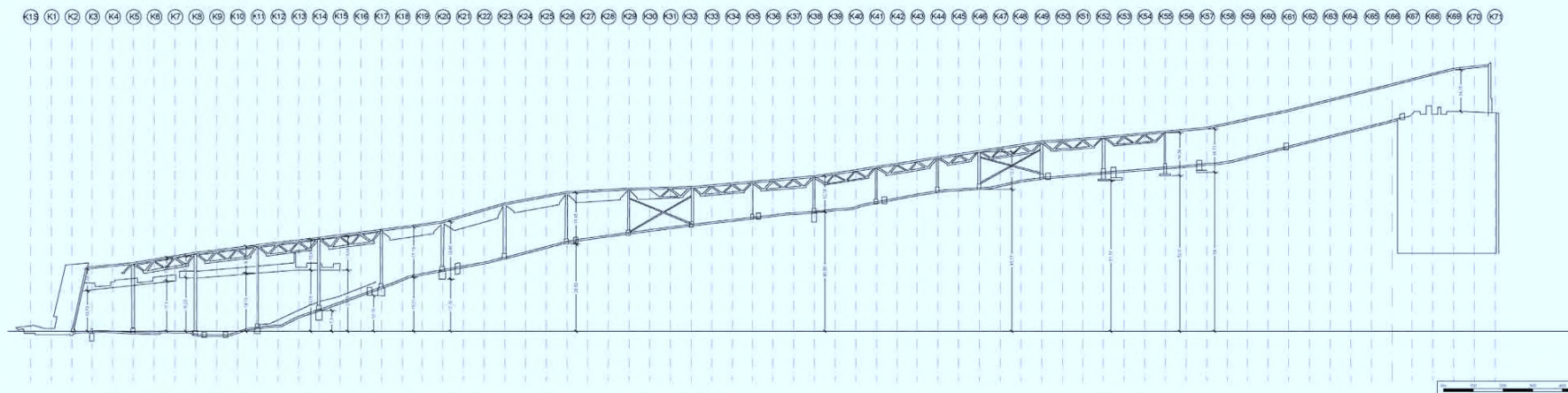
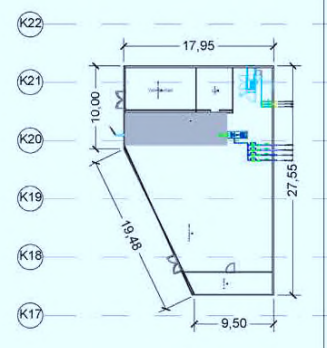
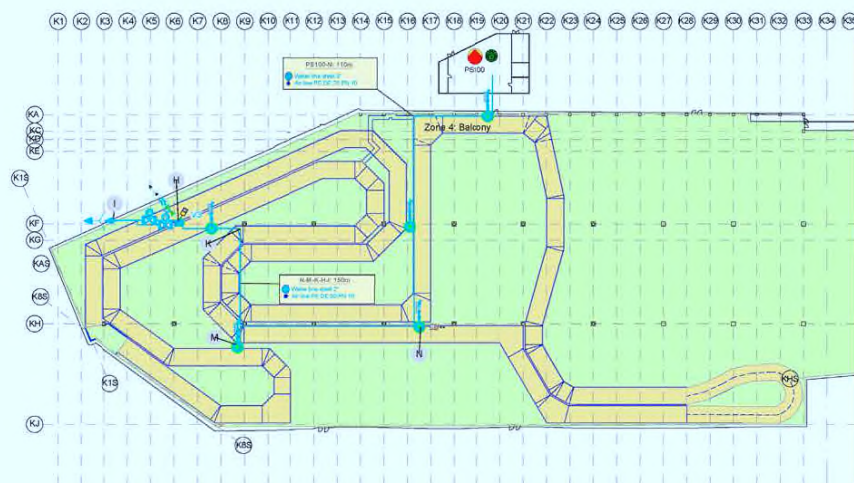
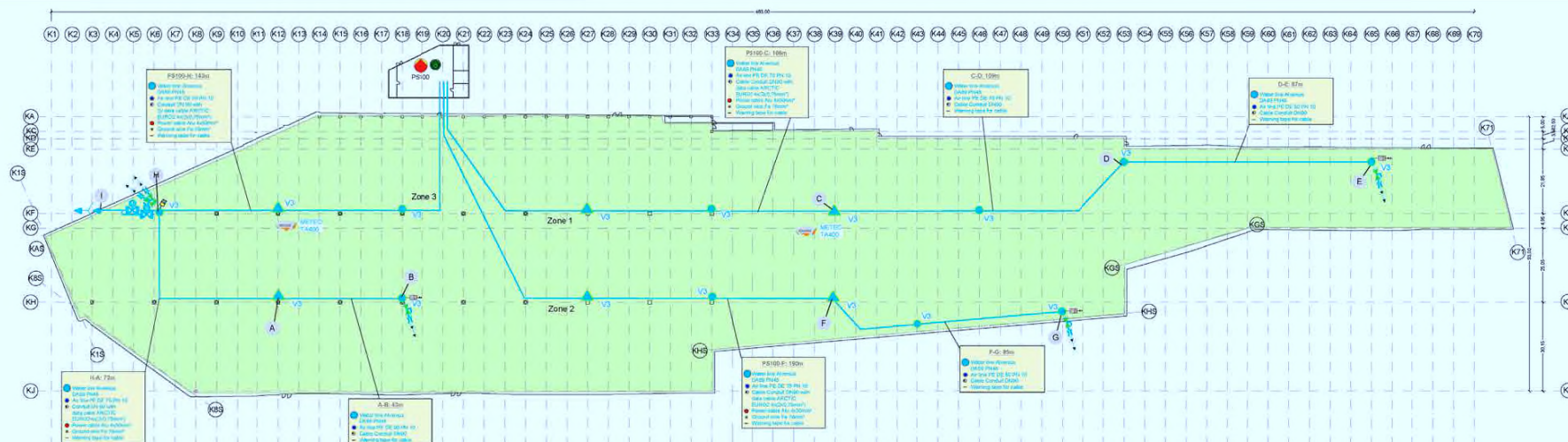
<b>Speaker instalations</b>	Speakers along the whole slope.
<b>Radios</b>	Digital kenwood radios, 20 pcs.
<b>Nets / mats</b>	50 B nets.
<b>Regular crossing points on the course</b>	None.
<b>Lighting</b>	They got led lights with the minimum requirement of 500 lumen.
<b>WEB</b>	<a href="http://www.snooslo.no">www.snooslo.no</a>

## SNO Indoor Skiing Oslo NOR

— B fence  
— C fence







**Vinterparken Oslo**

TechnoAlpin S.p.A.  
Piazza Europa, 100 - 20139 Milano (Italy)  
T. +39 02 71 00 00 00 F. +39 02 71 00 00 01  
info@technoalpin.com

**Snowmaking System**  
Masterplan Basis Variant

01A	02-10-2018	MDA	ALG
01B	10-10-2018	AMC	ALG
01C	10-10-2018	MDA	ALG

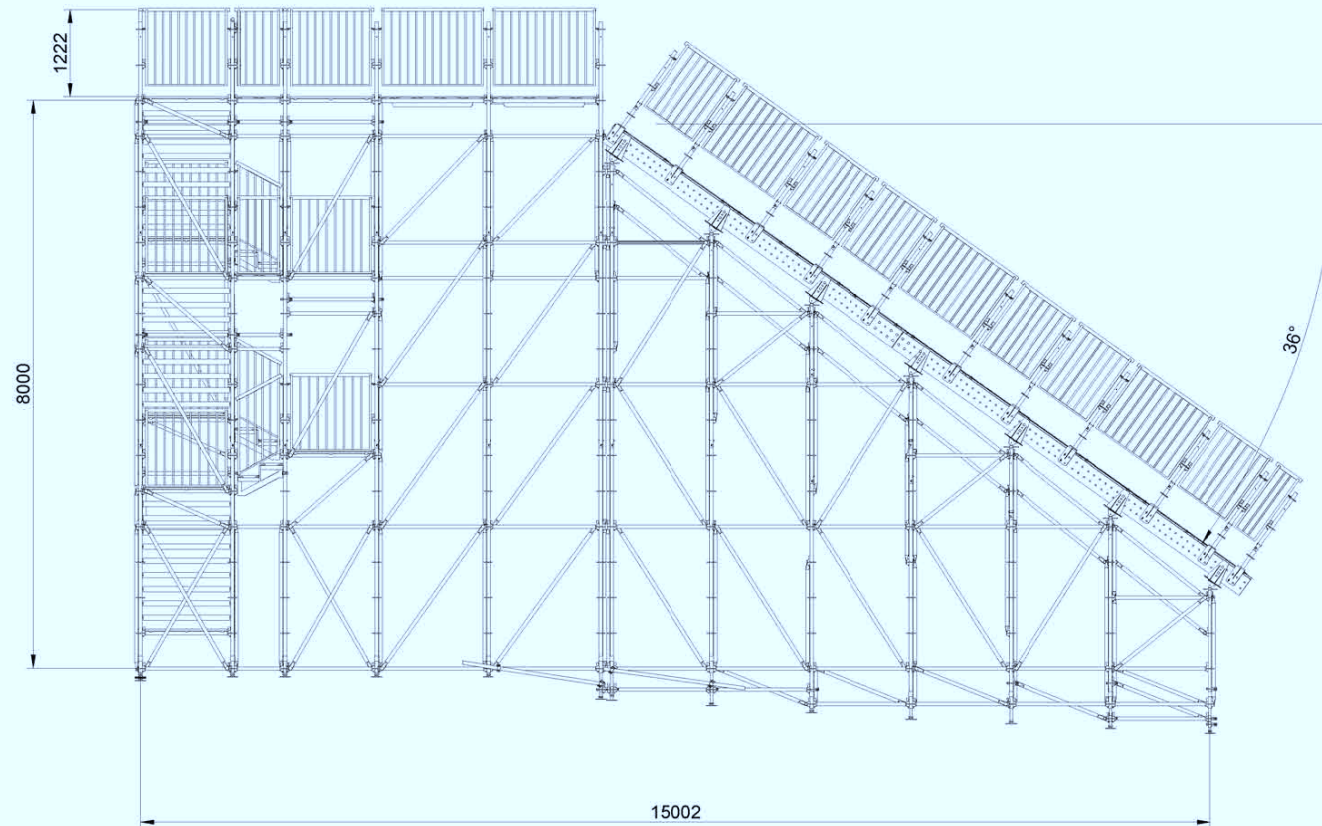
**Preliminary Design**

Scale: 1:500

NOV 12-18

**01 C**

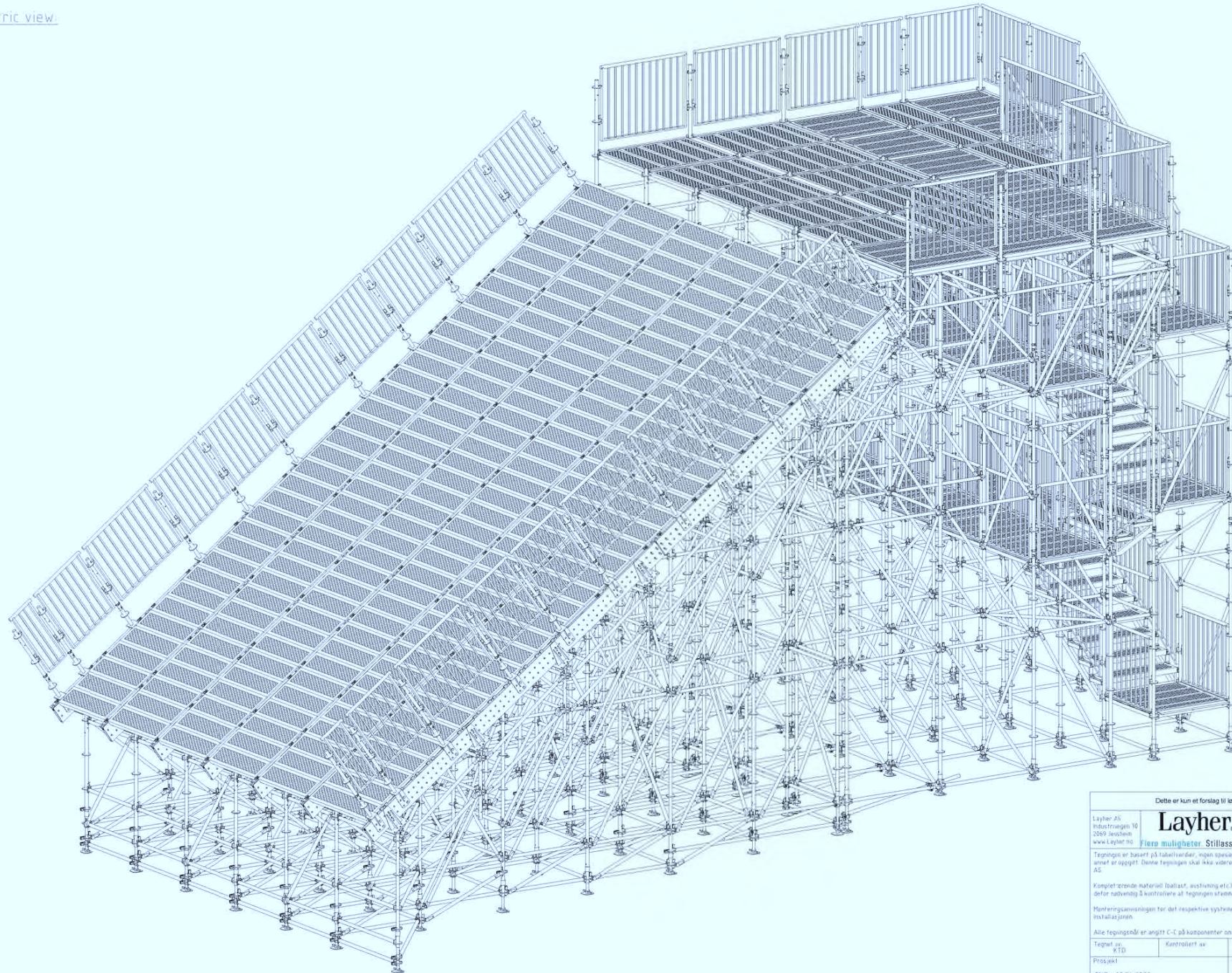
Side view



Dette er kun et forslag til løsning - ikke en verificeret konstruktion				
Layher AS Industriveien 10 2069 Jevreheim www.layher.no		<b>Layher</b> 		
Flere muligheter. Stillasystemet.		Rev. Endring	Status	Revis
<p>Tegningen er basert på fabrikkverdier, ingen spesielle statiske eller dynamiske beregninger er utført, om ikke annet er oppgitt. Denne tegningen skal ikke vurderes til å treffe på et skriftlig samtykke fra Layher AS.</p> <p>Kompletterende materiell (ballast, avvikling etc.) kan være nødvendig for å sikre en trygg installasjon. Det er derfor nødvendig å kontrollere at tegningen stemmer overens med forholdene på arbeidsplassen.</p> <p>Monteringsanvisningen for det respektive systemet må følges. Kun originale deler fra Layher må benyttes i installasjonen.</p> <p>Alle tegningsdeli er angitt C-C, på komponenter som ikke annet er angitt.</p>				
Tegnet av RTD	Kontrollert av	Godkjent av	Dato 08.04.2020	Side 1558A3
Prosjekt SNØ - 30.04.2020		Tegning KUN STILLAS_08.04.2020		Rev. 0
				Side 2 av 3



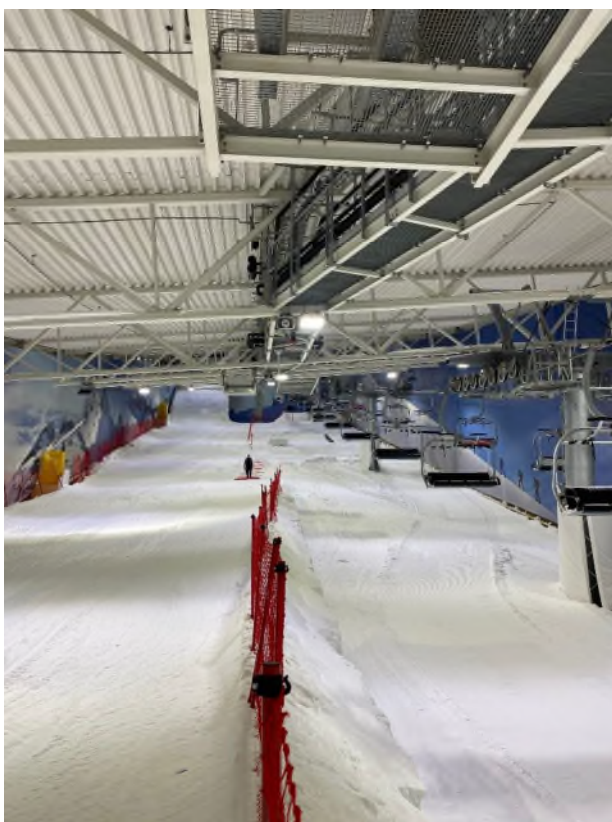
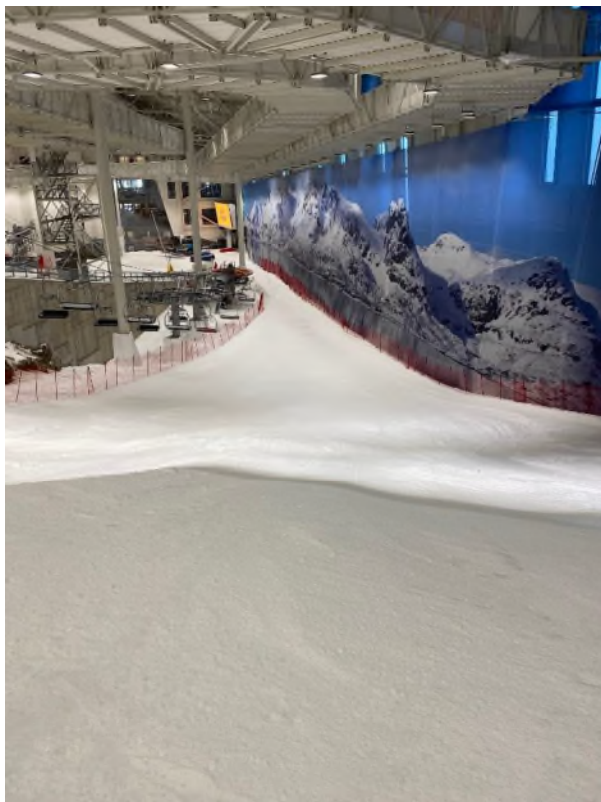
Isometric view



Dette er kun et forslag til løsning - ikke en verificeret konstruktion				
Layher AS Industrivejen 10 2060 Jerslev www.layher.no		 <b>Layher</b> Flere muligheder. Stillasystemet.		
Tegningen er baseret på tabelværdier, ingen specielle statiske eller dynamiske beregninger er udført, om ikke andet er angivet. Denne tegning skal ikke videresendes til tredje part uden skriftlig samtykke fra Layher AS.		(Rev) Endring: _____ Status: _____		
Kompletterende materialer (ballast, asfaltering etc.) kan være nødvendige for at sikre en tryk installation. Det er derfor nødvendigt at kontrollere at tegningen stemmer overens med forholdene på arbejdspladsen.				
Monteringsanvisningen for det respektive systemet må følges. Kun originale dele fra Layher må benyttes i installationen.				
Alle tegningsnødder er angivet C-C på komponenter som ikke andet er angivet.				
Tegnet af: KTD	Kontrolleret af:	Udført af:	Dato: 08.04.2020	Side: NTS
Projekt: SNØ - 30.04.2020	Tegning: KUN	Tegning: STILLAS_08.04.2020	REV: 0	Side: 3 av 3







Lørenskog

Date 09 09 2020

### **Statement regarding building construction and contents**

I hereby confirm that all construction and safety installations are satisfactory within Norwegian standards.

Start ramp is designed for dynamic and static loads far above possible load from skiers and snow.

Scaffolding is built by Layher AS is a subsidiary of German Wilhelm Layher GmbH & Co KG.

Max load is 750 kg per m<sup>2</sup>

Trym Klingenberg

Operation manager SNØ OSLO AS

Sign

  
\_\_\_\_\_