



CT-TECHNOLOGIES

Engineering Climate-Controlled Facilities

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Project report

AUTOMATED STORAGE RETRIEVAL SYSTEM

AS / RS WAREHOUSE TYJ FOOD HUB

Location: Singapore

Year of completion: 2022

Client: Tee Yih Jia Food

PROJECT FACTS

Temperature -25°C

Pallets: Cold Room 1 : 61 000, Cold Room 2 : 19 200, Cold Room 3 : 21 000

Height: Cold Room 1 : 49,50 m, Cold Room 2 : 48,13 m, Dry Store : 49,60 m

Area: Cold Room 1 : 7 740 m²,

Cold Room 2 : 2 400 m²,

Dry store : 3 100 m²

SCOPE OF SERVICES

Design, supply, delivery, and installation of sandwich panels and floor insulation, including installation accessories, weather membrane on top of roof panel and floor insulation, and vapor barrier for freezer 1 & 2, ante room.

Supply including:

- Wall Cladding.
- Fall Arrest System.
- Syphon System of RWDP.
- Specialty Cold Room doors.

ACHIEVEMENTS

- Designed in compliance with local standards and norms.
- Compliant with Singaporean fire regulations.
- Use of doors as part of smoke ventilation system.
- Building applying all Covid safety regulations.
- Working at height up to 50 meters.







Get in touch:

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