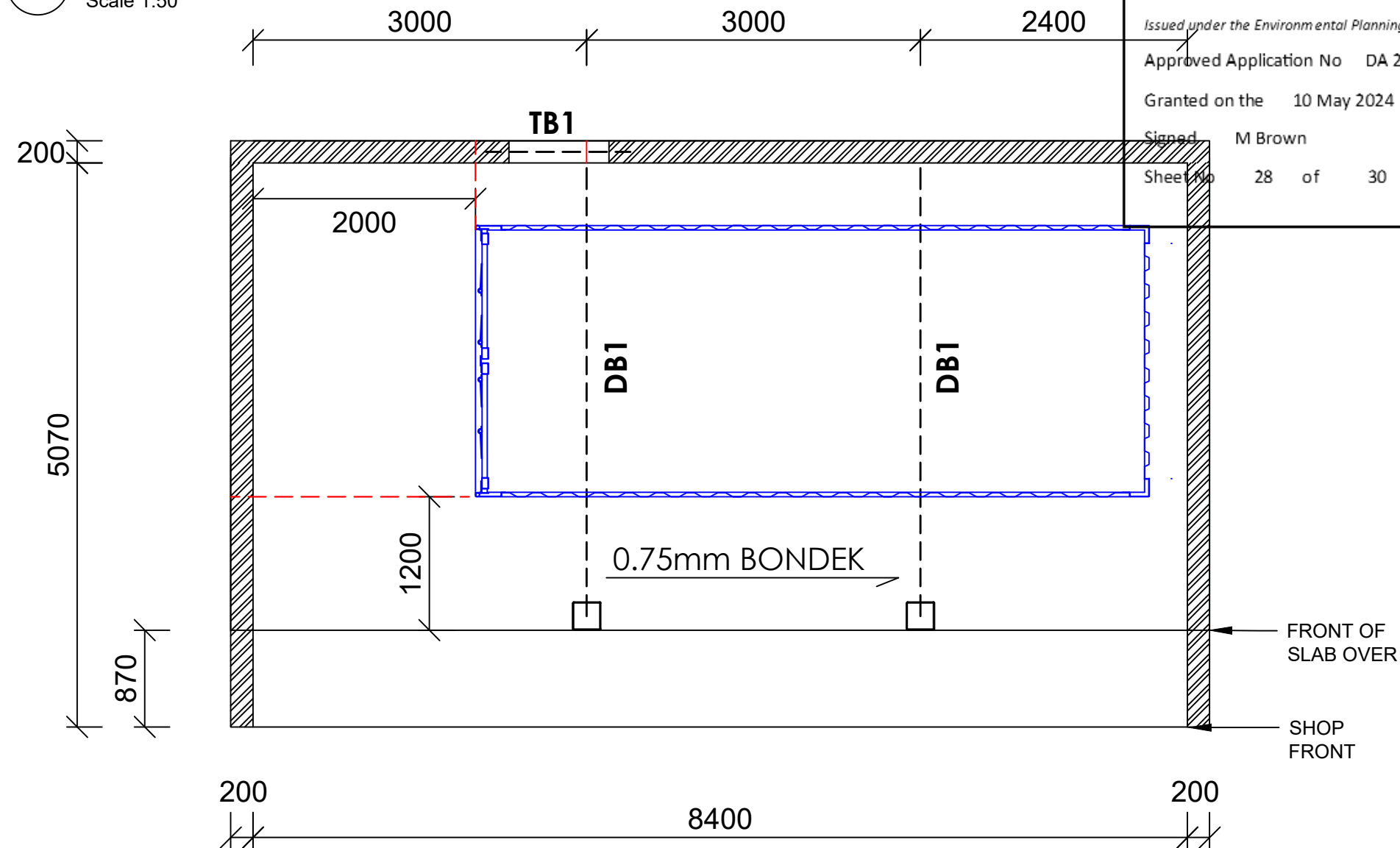


S01

DESIGN CHECK FOR STRUCTURAL ADEQUACY

Scale 1:50



Department of Planning
Housing and Infrastructure

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No DA 24-1858

Granted on the 10 May 2024

Signed M Brown

Sheet No 28 of 30

LOAD CHECK - PLACEMENT OF 'CONTAINER KITCHEN' OVER THREDBO VALLEY TERMINAL SKI TUNING SHOP.

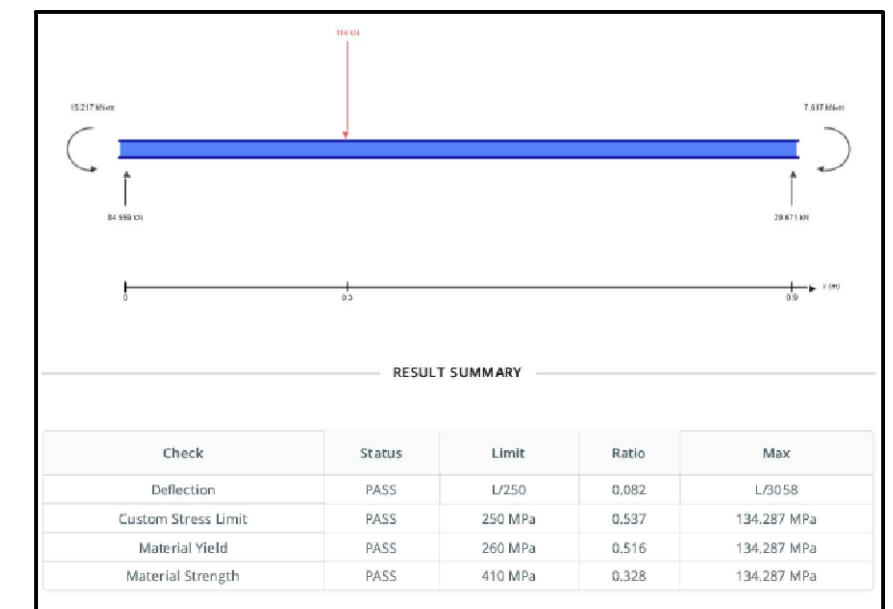
LOADS APPLIED TO EXISTING STRUCTURE

GROUND SNOW LOAD (ALTITUDE 1375m) - 6.5KPa
PEDESTRIAN & LIGHT VEHICLE TRAFFIC - 5KPa
SELF WEIGHT OF SLAB AND STRUCTURE
CONTAINER KITCHEN, EQUIP., & STOCK 8000 Kg

DESIGN CHECK - DB1 - 310UB46 DECK BEAMS



DESIGN CHECK - TB1 - 200 x 100 x 6 TRANSFER BEAM/LINTEL (MEMBER ROTATED 90°)



THE EXISTING STRUCTURE IS CONSIDERED STRUCTURALLY ADEQUATE FOR THE PROPOSED LOADS TO BE APPLIED BY THE CONTAINER KITCHEN AND IT'S OPERATION.

DUE TO THE UNKNOWN CONCRETE DECK REINFORCEMENT, IT IS ADVISED THAT THE STRUCTURAL ENGINEER SUPERVISE THE PLACEMENT OF THE CONTAINER AND INSPECT THE CONCRETE ANNUALLY.

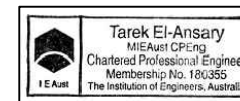
NOTE: THE REINFORCEMENT ARRANGEMENT OF THE CONCRETE SLAB IS UNKNOWN. DESIGN CHECKS HAVE BEEN UNDERTAKEN ON THE KNOWN PARAMETERS ONLY.

MIN SLAB THICKNESS & STRENGTH - 130mm 25MPa. EXISTING SLAB 200mm THICK - OK
BONDEK MIN BMT - 0.75mm. EXISTING SLAB BONDEK 0.75mm - OK

DESIGN CHECKED AND CERTIFIED BY
ANSARY CONSULTING ENGINEERS

Tarek El-Ansary
BE(Civil) MEngSc(Civil) MIEAust CPEng.
Signed: Date: 09/06/2023

Tarek El-Ansary



Director: PAUL LARKIN
Email: paul@groundedeng.com
Mobile: 0429 071 387
PO Box 220 Jindabyne NSW 2627

Project: 'CONTAINER KITCHEN'
AVALANCHE COFFEE STATION, VALLEY TERMINAL
THREDBO NSW 2625

Client: STEVE ASHE

Draftsman: PAUL LARKIN
Contact: 0429 071 387

Checked: TEA

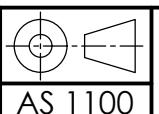
DATE: 04/05/23

Drawing Title:
STRUCTURAL ADEQUACY CHECK

Drawing Number: S01

Revision: A

Sheet 1 of 1



SIZE:
A3

SCALE: 1 : 100