

REGULATED DESIGN RECORD

PROJECT ADDRESS: 30 DIGGINGS TERRACE, THREDBO

PROJECT TITLE: BLACK BEAR INN

CONSENT NUMBER:

REV	DATE	DESCRIPTION	DP FULL NAME	REG NO
1	07.09.2021	ISSUED FOR COMMENT	THOMAS WILLIAMS	PRE0001122
2	15.09.2021	ISSUED FOR CC	THOMAS WILLIAMS	PRE0001122
3	07.10.2021	FOR CONSTRUCTION	THOMAS WILLIAMS	PRE0001122
4	16.11.2021	REVISED FOR ANCHORAGES	THOMAS WILLIAMS	PRE0001122
5	01.02.2022	REVISED FOR PARTICULARS OF REGULATED DESIGN - GROUND ANCHORS	THOMAS WILLIAMS	PRE0001122
5	29.04.2022	DIFFERENTIATION BETWEEN BUILT AND UNBUILT WORKS	THOMAS WILLIAMS	PRE0001122

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FOR CONSTRUCTION

ALL SETOUT TO ARCHITECT'S DRAWINGS.

DIMENSIONS TO BE VERIFIED WITH ARCHITECT AND BUILDER BEFORE COMMENCING SHOP DRAWINGS OR SITE WORK.

ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.

DRAWING TITLE

EXCAVATION DETAILS - 1

JOB NUMBER

PMI-2021-053

DRAWING NUMBER

S10a

REVISION

5

SCALE AT B1: 1 : 50

CLIENT: HIDALI PTY LTD

ARCHITECT PopovBass

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PROPOSED METHODOLOGY

- INSTALL PILES TO LEVEL 4 @ 1.2m AND AROUND EXCAVATION PERIMETER @ ~2m CRS AND INSTALL CAPPING BEAMS AS REQUIRED
- EXCAVATE STAGE 1 AS INDICATED TO SHOTCRETING PILES AS REQUIRED AND TAKING READINGS OF PILES TO CHECK DEFLECTIONS
- INSTALLING ANCHORS TO SOUTHERN PILES AND FIRST ROW OF EAST AND WESTERN PILES
- INSTALL LOWER PILES ALONG GRID E WITH ADDITIONAL EXCAVATION AS REQUIRED
- TEST SELECTED ROCK ANCHORS TO NOMINATED LOAD TO CONFIRM CAPACITY
- EXCAVATE STAGE 2 AS INDICATED SLOPING TO THE NORTH AS NECESSARY TO ENABLE ACCESS TO ANCHORAGES TAKING READINGS OF PILES TO CHECK DEFLECTIONS
- SHOTCRETE BETWEEN PILES
- POUR 200mm CS6 CAPPING SLAB TO CONNECT RP1 AND RP2 PILES AT RL1387.90
- INSTALL TOP STAGE OF ROCK ANCHORS TO PILES ON GRID E AND OTHER PERIMETER PILES AS AVAILABLE
- TEST SELECTED ROCK ANCHORS TO NOMINATED LOAD TO CONFIRM CAPACITY
- EXCAVATE STAGE 3 TAKING READINGS OF PILES TO CHECK DEFLECTIONS
- INSTALL NEXT ROW OF ANCHORS ALONG GRID E AND 2nd ROW OF ANCHORS TO EAST AND WEST WINGS
- SHOTCRETE BETWEEN PILES
- TEST SELECTED ROCK ANCHORS TO 1.3x WORKING LOAD TO CONFIRM CAPACITY
- EXCAVATE STAGE 4, SHOTCRETING WALLS AS NECESSARY
- INSTALL FINAL ROW OF ANCHORS AROUND LIFT PIT AND TEST SELECTED ROCK ANCHORS TO NOMINATED LOAD TO CONFIRM CAPACITY
- EXCAVATE STAGE 5 LIFT PIT
- PROGRESSIVELY CONSTRUCT STRUCTURE TAKING READINGS OF WALLS AT KEY STAGES TO MONITOR DEFLECTIONS
- ONCE LEVEL 3 SLAB HAS REACHED DESIGN STRENGTH (40 MPa), DE-STRESS ROCK ANCHORS

WITNESS, HOLD AND MONITORING POINTS

- GEOTECHNICAL INVESTIGATION ONSITE POST DEMOLITION OF EXISTING STRUCTURE TO CONFIRM ASSUMPTIONS
- GEOTECHNICAL INVESTIGATION ONSITE EVERY 1.5m DEPTH OF EXCAVATION TO CONFIRM GROUND CONDITIONS
- STRUCTURAL INSPECTION REQUIRED:
 - PRIOR TO POURING CONCRETE PILES/PIERS TO CONFIRM BEARING CAPACITY AND REINFORCING
 - PRIOR TO SHOTCRETING WALLS
 - PRIOR TO STRESSING OF ROCK ANCHORS
 - PRIOR TO EXCAVATION RESUMING AFTER TEMPORARY BRACING STEEL INSTALLED
- VIBRATION MONITORING TO BE CARRIED OUT ON BOUNDARIES IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS DURING EXCAVATION
- SURVEY POINTS TO BE ESTABLISHED AND LOCATIONS SUBMITTED FOR APPROVAL TO ALL RETAINING WALLS. SURVEY TO BE SUBMITTED TO GEOTECH AND STRUCTURAL ENGINEER TO MONITOR MOVEMENTS. SURVEY TO BE CARRIED OUT AT FOLLOWING STAGES:
 - COMPLETION OF TOP RP2 PILE INSTALLATION
 - COMPLETION OF EXCAVATION STAGE 1
 - PRIOR TO ROCK ANCHOR STRESSING
 - COMPLETION OF ROCK ANCHOR STRESSING AND TEMPORARY PROP INSTALLATION
 - ONCE EXCAVATION ACHIEVES ~RL1381.94
 - ONCE EXCAVATION IS COMPLETED

NSW

Department of Planning and Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No DA 22/4825

Granted on the 1 August 2022

Signed M Brown

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NOTE:

- EXCAVATION TO NOT EXCEED 1.5m IN ONE GO.
- EACH 1.5m EXCAVATION TO BE INSPECTED BY A COMPETENT GETOECHNICAL ENGINEER AND SIGNED OFF PRIOR TO PROGRESSING EXCAVATION TO FURTHER DEPTH

SECTION 1
1 : 50