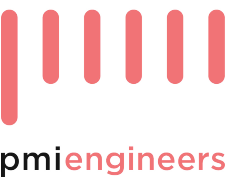


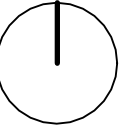
REGULATED DESIGN RECORD			
PROJECT ADDRESS:	30 DIGGINGS TERRACE, THREDBO		
PROJECT TITLE:	BLACK BEAR INN		
CONSENT NUMBER:			
DRAWING TITLE	JOB NUMBER		
EXCAVATION PLAN	PMI-2021-053		
ASDAD			
SCALE AT B1:	As indicated	DRAWING NUMBER	REVISION
		S10	5

REV	DATE	DESCRIPTION	DP FULL NAME	REG NO
1	07.09.2021	ISSUE 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	28.02.2022	CONSOLIDATED SHEETS FOR DA SUBMISSION	THOMAS WILLIAMS	PRE0001122

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CLIENT: HIDALI PTY LTD	ARCHITECT PopovBass
THE COPYRIGHT OF THIS DRAWING REMAINS WITH PMI ENGINEERS	PO Box 334 Sydney Hills NSW 2010 T: 02 9955 5004 E: info@popovbass.com.au W: popovbass.com.au

ISSUE:

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.

NOTE:

ALL ANCHORS TO BE TESTED TO TEST LOAD FOR 15 MINUTES AND ANCHOR IS TO BE CONFIRMED HOLDING 'TEST LOAD' FOR THE FULL 15 MIN DURATION
ANCHOR WORKING LOADS TEST LOADS AND LOCK-OFF LOADS ARE SOURCED FROM THE ANCHOR SCHEDULE - SEE S10d, S10e + S10f

TOLERANCES:

- ALL ANCHORS TO BE LOCATED WITHIN 250mm OF THE STATED RL
- WITHIN 5 DEG OF STATED ANGLE OFF HORIZONTAL
- ALL ANCHORS TO BE PERPENDICULAR TO EXCAVATION CUT WITHIN 5 DEG
- MINIMUM FREE LENGTH OF ANCHORS OF 3m AS NOTED ON SECTIONS

#SCHEDULE - P - RETAINING	
Type	Description
Mark	
ANCHORS	
RA1	26.5mm DYWIDAG Y1050H PRESTRESSING STEEL BAR - OR OTHER APPROVED - SEE ACCOMPANYING SHEET FOR LOADS
RA2	32mm DYWIDAG Y1050H PRESTRESSING STEEL BAR - OR OTHER APPROVED - SEE ACCOMPANYING SHEET FOR LOADS
RA3	36mm DYWIDAG Y1050H PRESTRESSING STEEL BAR - OR OTHER APPROVED - SEE ACCOMPANYING SHEET FOR LOADS
FOUNDATIONS	
CB8	600Wx400D CAPPING BEAM TO ROAD - 3N20s TOP & BTM with N12 STIRRUPS @ 300 CRS
RETAINING SYSTEM	
RP1	450 DIA PIER REINFORCED WITH 6/N28s @ N12 SPIRAL @ 250 PITCH
RP2	450 DIA PIER REINFORCED WITH 4/N16s @ N10 SPIRAL @ 300 PITCH
RP3	450 DIA PIER REINFORCED WITH 4/N20s @ N12 SPIRAL @ 300 PITCH
RP4	450 DIA PIER REINFORCED WITH 4/N24s @ N10 SPIRAL @ 300 PITCH
RP5	450 DIA PIER REINFORCED WITH 4/N16s @ N12 SPIRAL @ 300 PITCH
RP6	450 DIA PIER REINFORCED WITH 6/N20s @ N12 SPIRAL @ 300 PITCH
RP7	450 DIA PIER REINFORCED WITH 6/N24s @ N12 SPIRAL @ 300 PITCH
RW1	190 COREFILLED BLOCKWORK WALLS - N16s @ 400 CRS VERTICAL - N12s @ 400 CRS HORIZONTAL - TEMP RESTRAINT REQUIRED AT TOP PRIOR TO SLAB OVER BEING POURED
RW2	200mm 32MPa SHOTCRETE WALLS - SEE S10 FOR DETAILS

NOTE:

- RETAINING PILES DESIGNED BASED ON RECTANGULAR PRESSURE DISTRIBUTION
- BH + 5kPa SURCHARGE, 10kPa SURCHARGE FROM ROAD
- ADDITIONAL 64kN/m LATERAL LOAD AT TOP OF N1/N2 PILES TO ACCOUNT FROM PRESSURE FROM ROAD RETENTION PILES
- GROUND SUPPORT MEASURES ARE INDICATIVE ONLY PRIOR TO CONFIRMATION OF GROUND CONDITIONS ON OPENING UP OF SITE
- ALLOWABLE TEMPORARY/PERMANENT BATTER ANGLES TO BE VERIFIED ONSITE WITH GROUND INVESTIGATIONS AND AS EXCAVATION PROCEEDS

