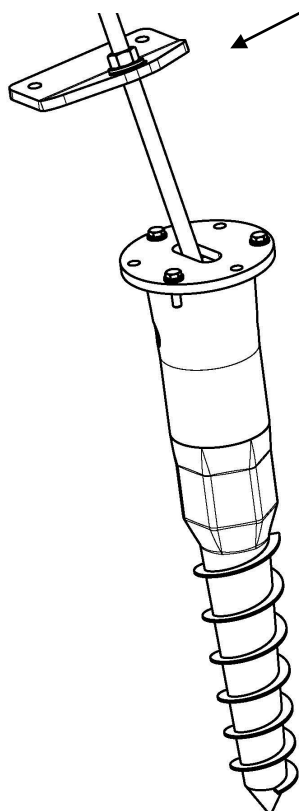
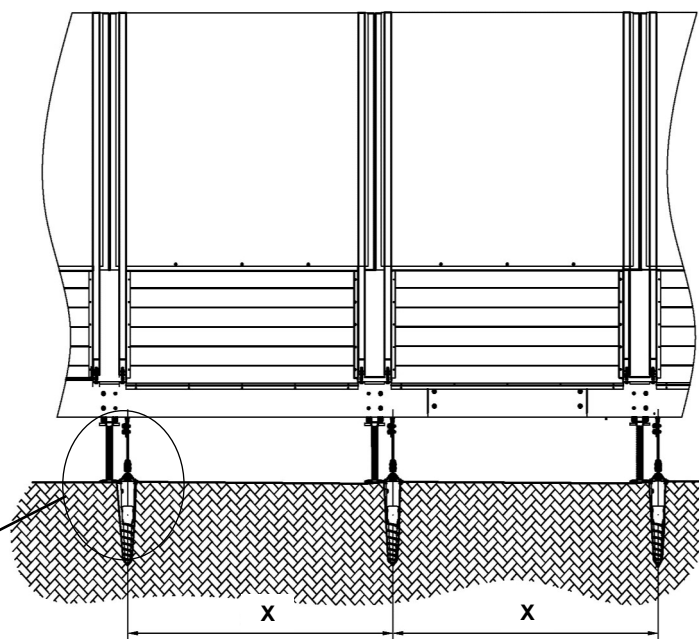
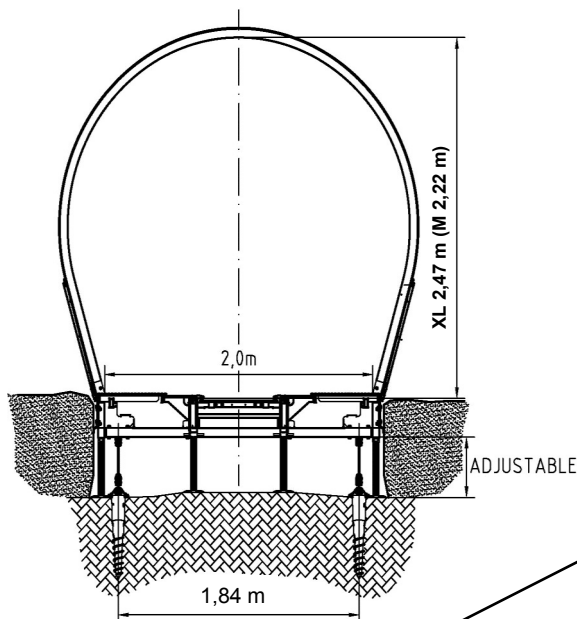


SunKid GmbH  
A-6460 Imst/Tirol  
Tel: (+43) 05412/68131  
Fax: (+43) 05412/68132  
e-mail: info@sunkidworld.com  
Web-Site: www.sunkidworld.com  
UID-Nr.: ATU 42030100

## SUNKID GALLERY “EVOLUS”





### OPTION NO.: 2177-2179 ASSEMBLY



### CONTENTS

Cover sheet & contents.....	0101
Specification storm protection.....	0201
Assembly.....	0301
Assembly.....	0302

		<b>Total number of pages.....</b> 4 <b>Department of Planning and Environment</b> <i>Issued under the Environmental Planning and Assessment Act 1979</i> Approved Application No DA 22/9507 Granted on the 19 January 2023 Signed S Butler Sheet No 12 of 19
		<b>Occupational safety recommendations</b> All points relating to occupational safety are identified by this symbol.

# Sunkid GALERIE Type "EVOLUS" Sturmsicherung / WIND-PROTECTION

A-6460 Imst/Tirol  
Tel: (+43) 05412/68131  
Fax: (+43) 05412/68132  
e-mail: info@sunkidworld.com  
Web-Site:  
www.sunkidworld.com  
UID-Nr.: ATU 42030100



**PROJECT:**

**Datum/Date:**

**SKD Nr.:**

**Type - G / Flex**

**Number of midsections:  
Anzahl der Längenelemente:**

**Max. Windgeschwindigkeit :  
Max Wind-Speed:** .....km/h



**Department of Planning  
and Environment**

Lt. STATISCHER BERECHNUNG, Dipl.—Ing. Johann Stallinger (Ziviltechniker), GZ 11/083; 18.11.2011 + Anhang vom 10.10.2012.

WITH REGARD TO THE STATIC CALCULATION, Dipl. Ing. Johann Stallinger (CIVIL ENGINEER), GZ 11/2083; 18.11.2011 + Annex dated 10.10.2012.

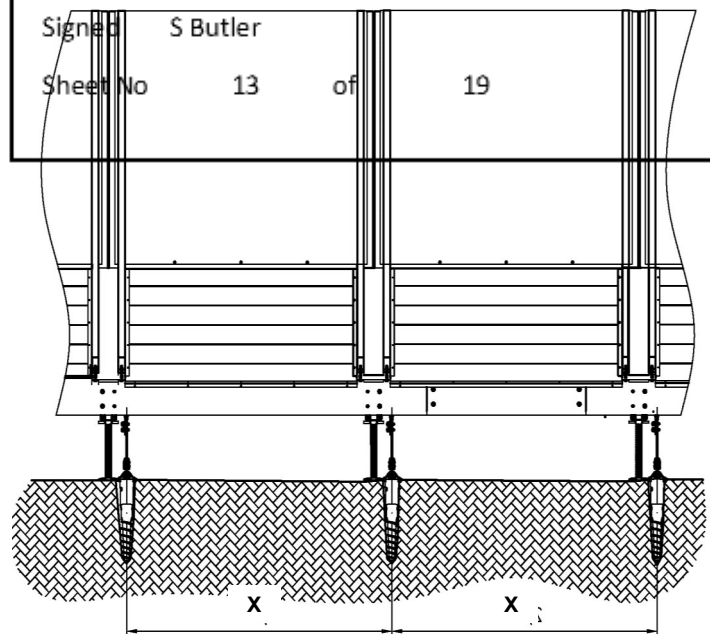
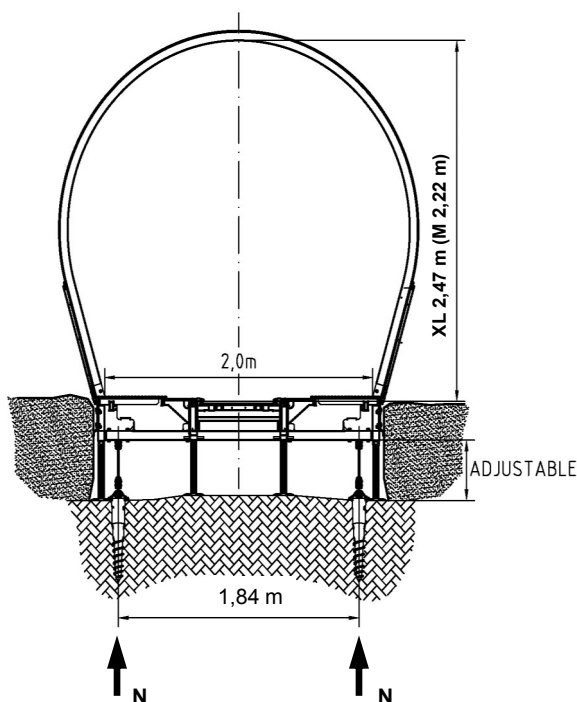
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Windgeschwindigkeit WIND SPEED	Abstand X DISTANCE X	EVOLUS XL Erforderliche Abspannkraft N REQUIRED RESISTANCE FORCE N	EVOLUS M Erforderliche Abspannkraft N REQUIRED RESISTANCE FORCE N
Up to 80 km/h	-	Keine Abspannung erforderlich / ANCHORING NOT REQUIRED	
Up to 100 km/h	8 m	4,12 kN*	3,60 kN*
Up to 130 km/h	4 m	6,98 kN*	6,08 kN*
Up to 165 km/h	2 m	7,04 kN*	6,12 kN*

\* SAFETY RATE 1,3 CONSIDERED / Sicherheitsfaktor 1,3 berücksichtigt

**Erforderliche Abspannkraft projektspezifisch  
SPECIFIC REQUIRED RESISTANCE FORCE**

**Abstand projektspezifisch  
SPECIFIC DISTANCE**

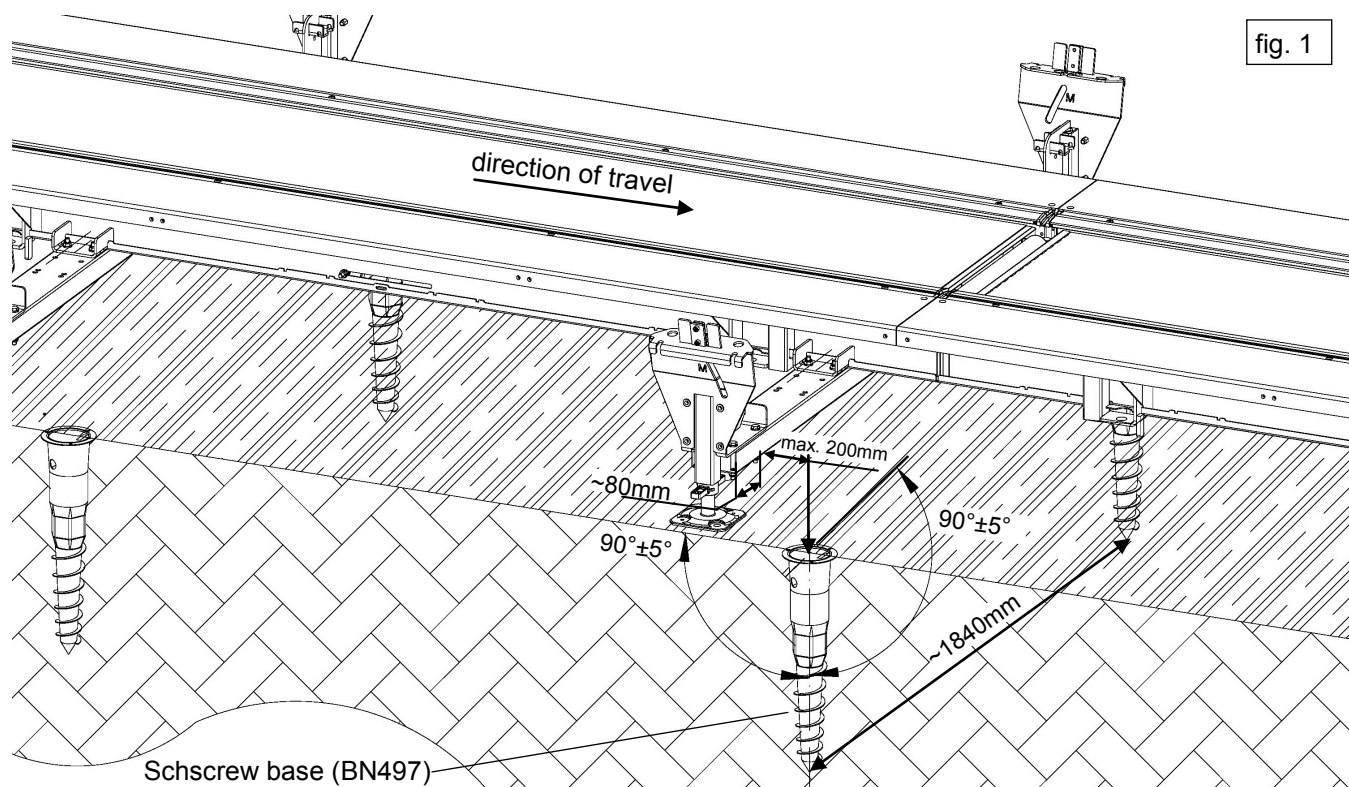
ANCHOR POINTS / ABSPANNPUNKTE GALERIE : see Galerie MANUAL / lt. Betriebsanleitung Galerie  
ANCHOR POINTS TERRAIN: Depends on terrain—local calculation necessary

Bad Goisern, am

**BRUCKSCHLÖGL** GES.M.B.H A-4822 Bad Goisern  
MASCHINENBAU-FÖRDERTECHNIK-SEILBAHNTECHNIK  
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office@bruckschloegl.at www.bruckschloegl.at

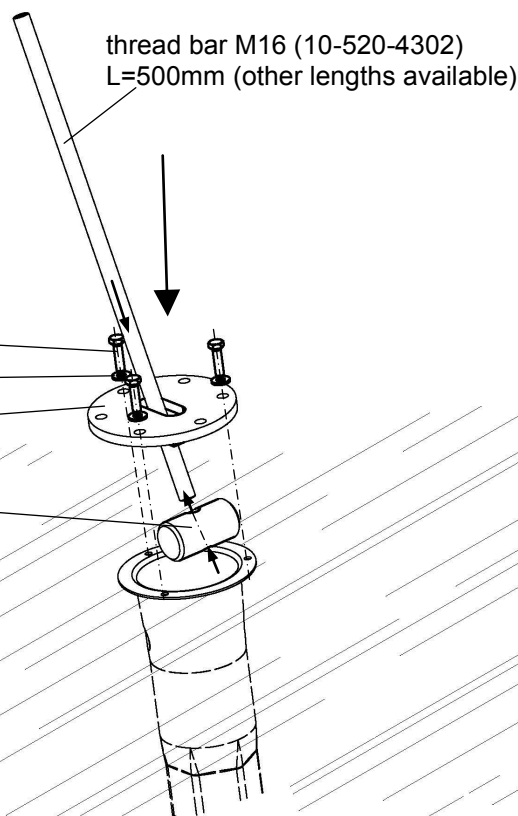
## ANCHORING

You can start the assembling of the anchoring after the rectangular tube of the base is mounted. There is a description of this step in the manual called "EVOLUS-Betr-GB-.....". The screw base of the anchoring must be drilled into the ground before the side attachment element gets fixed. Pay attention to the uphill positioning which is shown at figure 1. There is a special drilling machine needed to drill the screw base into the ground (not included in delivery). Depending on project and soil conditions, the screw bases can have a length of 550mm, 800mm or 1000mm.


**fig. 1**

Now, some more components have to get mounted. You must put the thread bar through the cover plate and fix the articulated piece from the bottom side to the thread bar. After that the cover plate has to be fixed with washers and screws on the screw base. Pay attention that the long hole of the cover plate is in the same direction as the travel direction when the cover plate is fixed. (fig. 2)

- screw DIN933 M8x30
- washer DIN134 M8
- cover plate (10-520-4303)
- articulated piece (10-520-4304)


**fig. 2**


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## FIXING TO SIDE ATTACHMENT ELEMENT

Finally, you have to put the tensioning plate for cross member onto the thread bar and the whole anchoring must be fixed with the side attachment element to the rectangular tube. The tensioning plate for cross member must be fixed on the thread bar with a washer and a nut. This nut must be fixed hand-tight, that the thread bar is not able to move anymore. (fig. 3)



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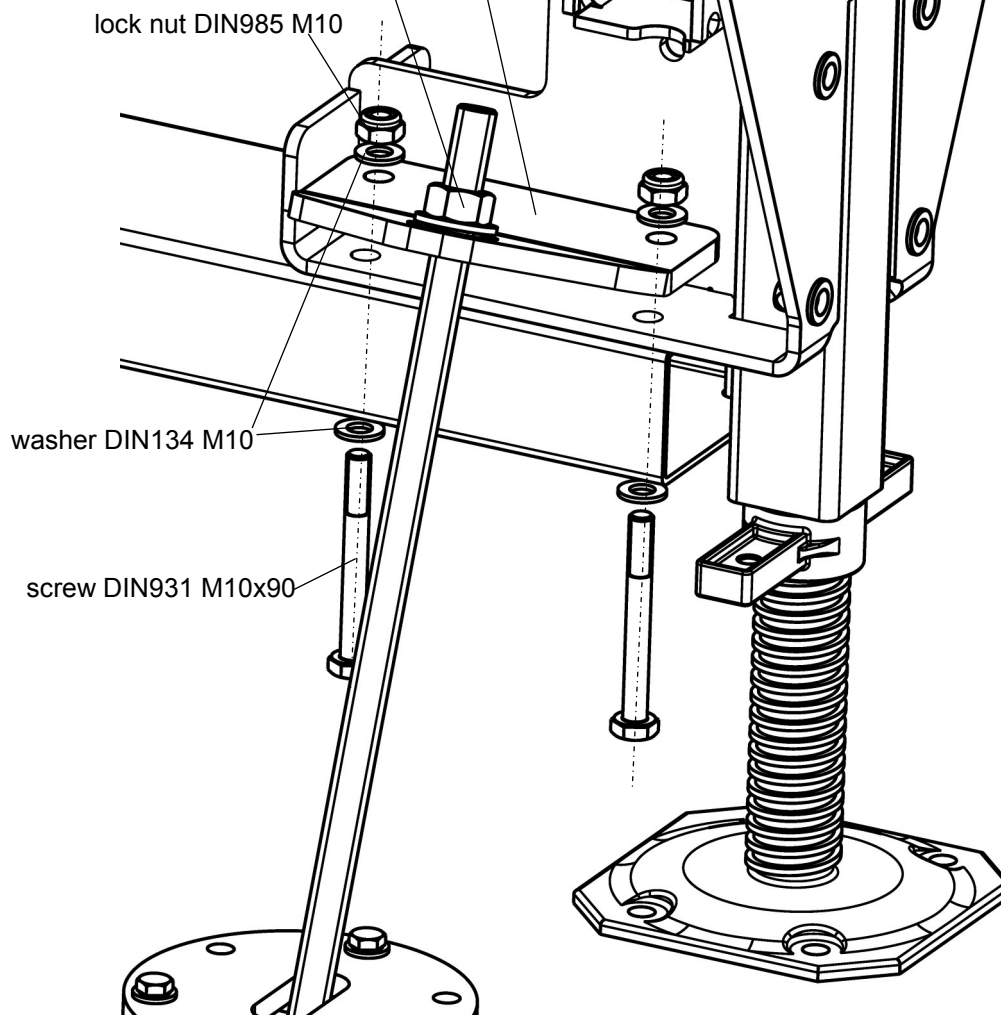
Granted on the 19 January 2023

Signed S Butler tensioning plate for cross  
member (10-520-4305)

Sheet No 15 of 19  
nut DIN934 M16  
washer DIN134 M16

side attachment element

fig. 3

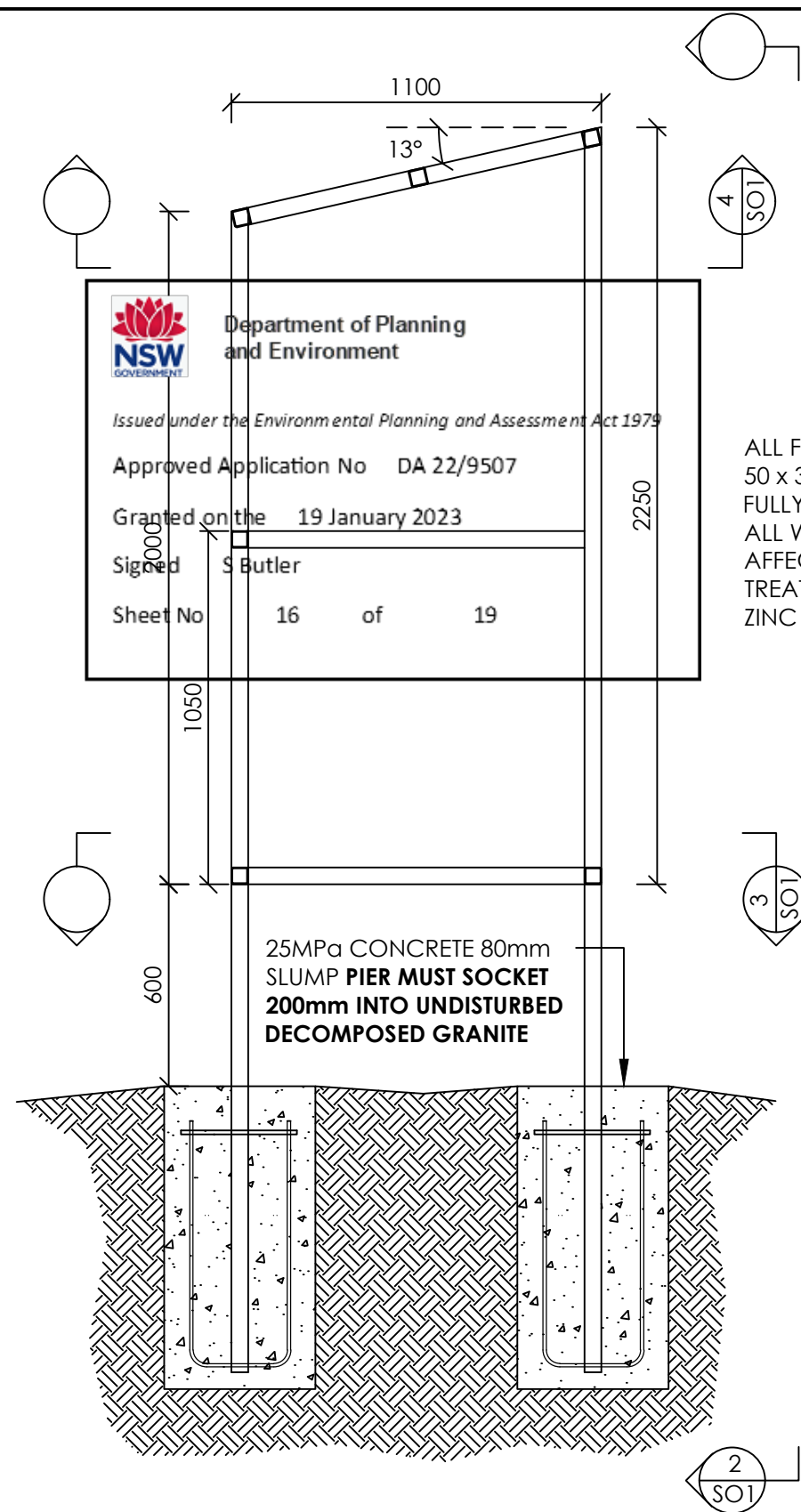


After this step, the assembly of the anchoring is finished. Afterwards, the assembly of the gallery can be continued as you can see in the manual called "EVOLUS-Betr-GB-SKD....".



The system must be taken out of operation for the entire duration of the assembly work (main switch off!).

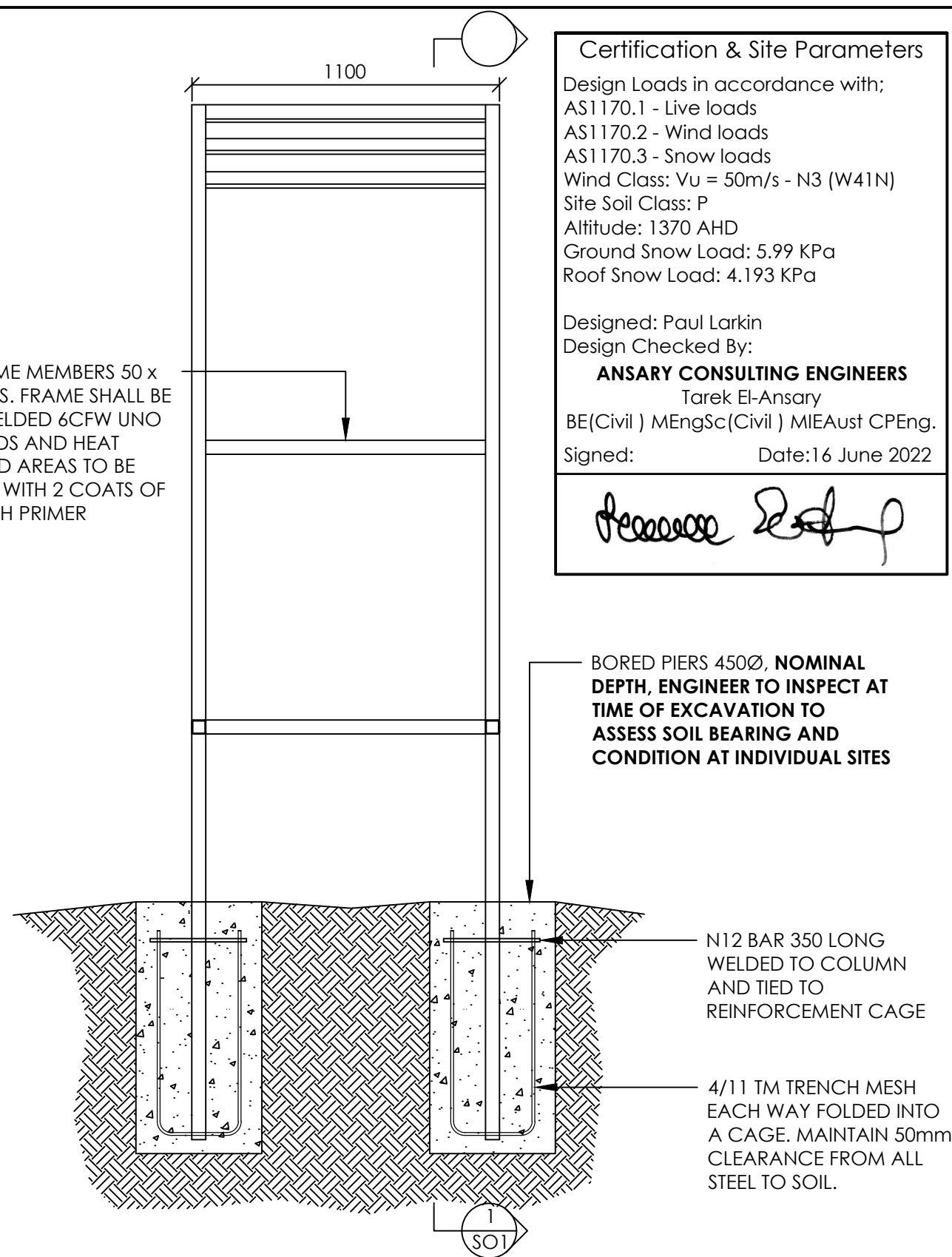




**SETDOWN SECTION 1**  
Scale 1:20

**HUT CONSTRUCTION DETAILS**  
S01 Class P Site, HUT FRAME ON BORED PIERS  
Scale 1: NTS UNO

ALL FRAME MEMBERS 50 x 50 x 3 SHS. FRAME SHALL BE FULLY WELDED 6CFW UNO  
ALL WELDS AND HEAT AFFECTED AREAS TO BE TREATED WITH 2 COATS OF ZINC RICH PRIMER



**SETDOWN SECTION 2**  
Scale 1:20

**NOTE; ALL STEEL FRAME MEMBERS 50x50x3 DURAGAL SHS, EXTERNAL CLADDING CUSTOMORB-WOODLAND GREY**

## Certification & Site Parameters

Design Loads in accordance with;  
AS1170.1 - Live loads  
AS1170.2 - Wind loads  
AS1170.3 - Snow loads  
Wind Class:  $V_u = 50\text{m/s}$  - N3 (W41N)  
Site Soil Class: P  
Altitude: 1370 AHD  
Ground Snow Load: 5.99 KPa  
Roof Snow Load: 4.193 KPa

Designed: Paul Larkin  
Design Checked By:

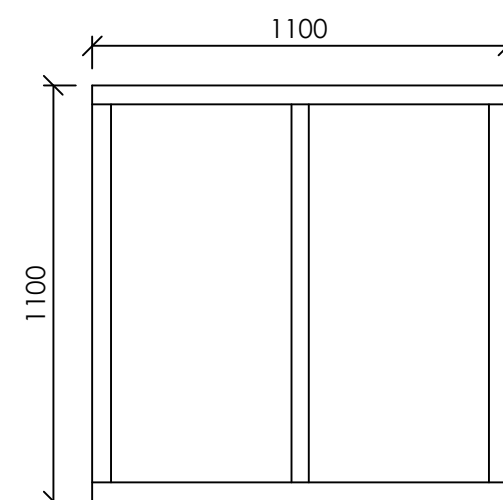
**ANSARY CONSULTING ENGINEERS**

Tarek El-Ansary  
BE(Civil) MEngSc(Civil) MIEAust CPEng.  
Signed: Date: 16 June 2022

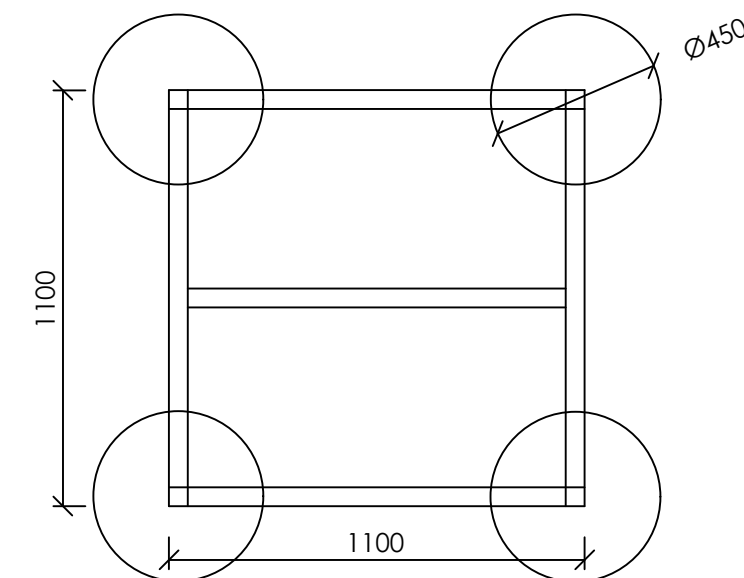
*[Signature]*



## EXISTING HUT IMAGES



**SETDOWN SECTION 3**  
Scale 1:20



**SETDOWN SECTION 4**  
Scale 1:20