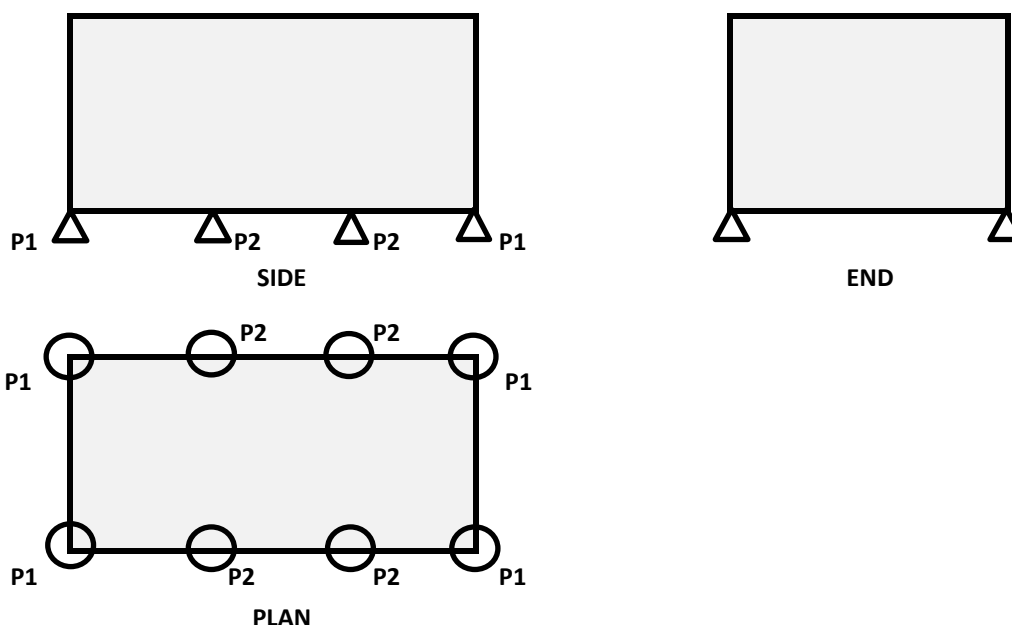


PROJECT REF:	Fluid Solar Thermal - Refuge Units		SHEET NO.	1/2
DATE: 13/01/2020	DESIGNED: ASR	JOB NO. 918-01	REVISION:	A

FOOTING REQUIRMENTS FOR 7.2m X 3.6m REFUGE CYCLONIC REGIONS



Concrete Bored Piers in Clay Soils - Corner Piers (P1)

Wind Class (AS4055)	C1	C2	C3	C4
Diameter	450	450	450	600
Depth	300	500	700	700

Concrete Bored Piers in Clay Soils - Internal Piers (P2)

Wind Class (AS4055)	C1	C2	C3	C4
Diameter	450	450	450	600
Depth	600	1000	1500	1500

Concrete Bored Piers in Sandy Soils - Corner Piers (P1)

Wind Class (AS4055)	C1	C2	C3	C4
Diameter	450	600	600	600
Depth	700	800	1100	1400

Concrete Bored Piers in Sandy Soils - Internal Piers (P2)

Wind Class (AS4055)	C1	C2	C3	C4
Diameter	450	600	600	600
Depth	1300	1300	1800	2200

50 x 5.0 EA
HOT DIP
GALVANISED

M16 4.6/S

MASS CONCRETE
 $f_c = 20 \text{ MPa}$

CONCRETE PIER HOLD DOWN DETAIL

SCALE 1:5

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PROJECT

FLUID SOLAR THERMAL

TITLE

PIER FOOTING DETAIL

DESIGNED

ASR

CHECKED

ASR

SCALE

AS SHOWN

DATE

January 2020

DRAWN

ASR

PATH

A4

DWG NO.

913-01-001

REVISION

A