

TIES TO ALL POSITIONS

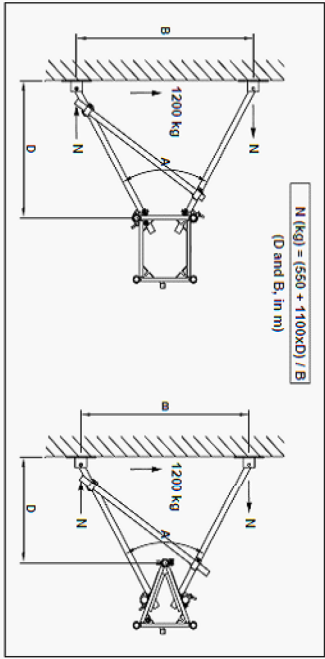
Max 12m tie centers

	Project :	Masterber Tie Forces Report	
	Element :	Strangeways Prison	
	Job No. :	MA7320MW	
	Doc No. :	003	

15/03/22
15/03/22

Loading

GOJAN Manual GP-40; D-12-50-P40-1 Rev. D



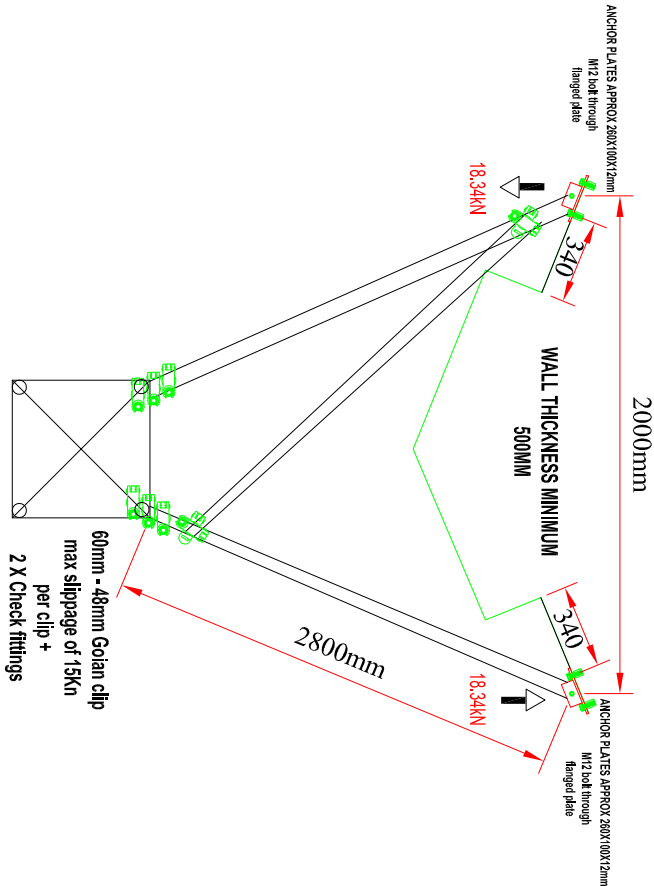
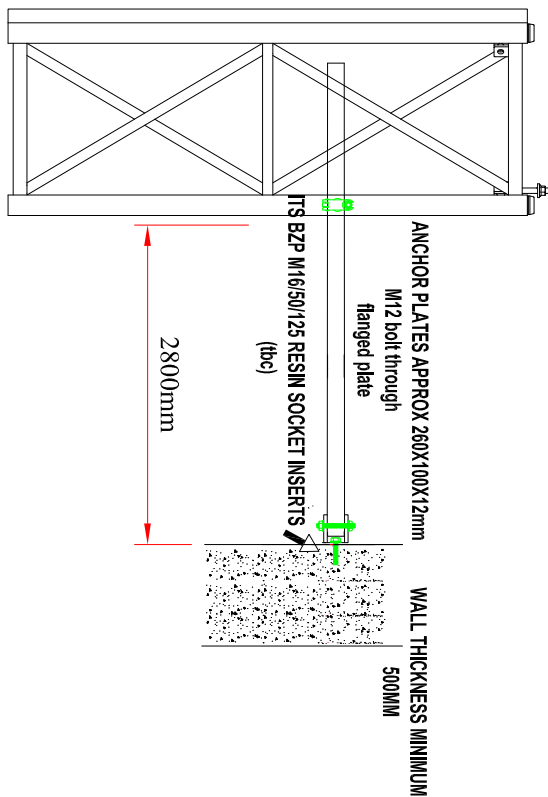
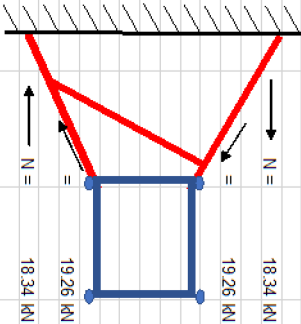
$$N \text{ (kg)} = (550 + 1100xD) / B$$

(D and B, in m)

$$N \text{ (kg)} = (550 + 1100xD) / B$$

B = 2.00 m
D = 2.90 m
N = #NAME?
N = 1870.00 kg
N = 18.34 kN
V = 1200.00 kg
V = 11.77 kN
Resultant force in tube = #NAME?
= 19.26 kN

Requires Input



As owner of copyright in the design depicted by this document, Apollo Cradles Ltd has the exclusive right to reproduce the design for commercial purposes and to make or create to be made articles of the design. (Copyright Designs and Patents Act 1988)



NOTES

Proposal issue

MATERIAL LIST	DESCRIPTION
NO	QTY

Tie Detail
Drawing

NO	DATE	DESCRIPTION	CHKD
REVISIONS			
CUSTOMER			

Horizon

Strangeways Prison

Apollo Cradles LTD

SPECIALIST ACCESS SYSTEMS

TEL 01226 700 079
FAX 01226 727 108

DRN	DATE	SCALE
MW	15/03/22	

CHKD	DATE
DB	15/03/22

MW	15/03/22	003.1
----	----------	-------