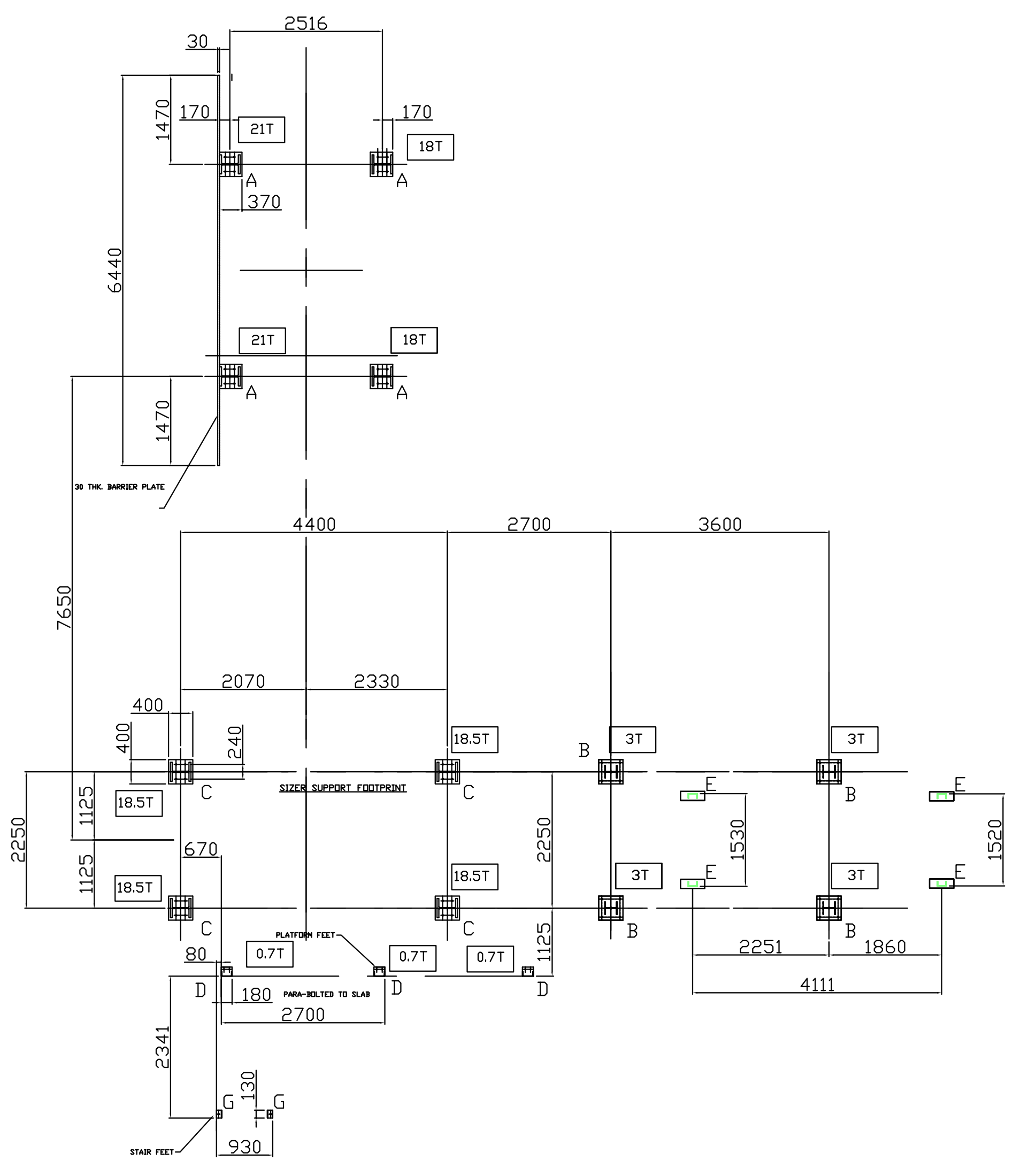
Do Not Scale | If In Doubt Ask

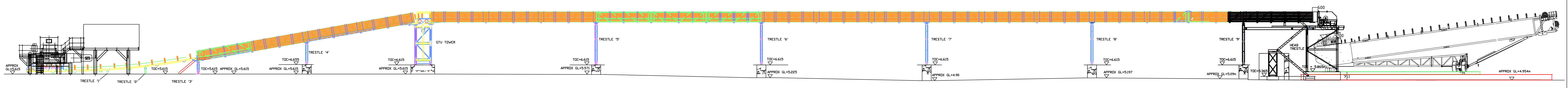
Notes :-

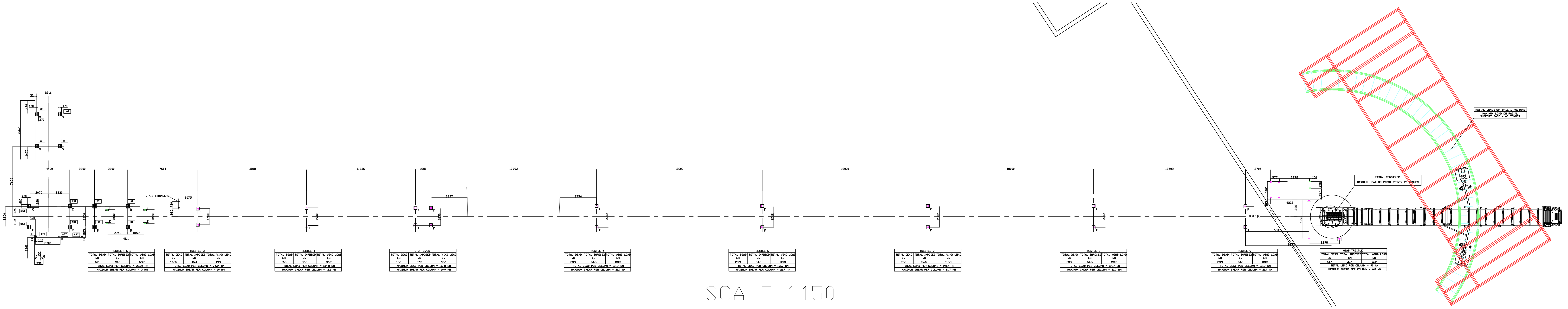
ALL BASE PLATES HAVE
26Ø HOLES, PLEASE
ADVISE IF FOUNDATION
DESIGN REQUIRES
LARGER HOLES

PADS TO BE MARKED
WITH CENTRELINE



FEEDER HOPPER
PLAN SCALE 1:75





RADIAL CONVEYOR BASE STRUCTURE
MAXIMUM LOAD ON RADIAL SUPPORT BASE = 43 TONNES

RADIAL CONVEYOR
MAXIMUM LOAD ON PIVOT POINT= 20 TONNES

TRESTLE 1 & 2		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
5.2	13.6	5.97
TOTAL LOAD PER COLUMN = 22.25 kN		
MAXIMUM SHEAR PER COLUMN = 3 kN		

TRESTLE 3		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
17.35	45.4	19.9
TOTAL LOAD PER COLUMN = 74.14 kN		
MAXIMUM SHEAR PER COLUMN = 10 kN		

TRESTLE 4		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
31.5	82.5	36.2
TOTAL LOAD PER COLUMN = 134.8 kN		
MAXIMUM SHEAR PER COLUMN = 18.1 kN		

GTU TOWER		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
12.0	27.3	68.6
MAXIMUM LOAD PER COLUMN = 107.8 kN		
MAXIMUM SHEAR PER COLUMN = 10.9 kN		

TRESTLE 5		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
23.9	54.5	113.3
TOTAL LOAD PER COLUMN = 191.7 kN		
MAXIMUM SHEAR PER COLUMN = 21.7 kN		

TRESTLE 6		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
23.9	54.5	113.3
TOTAL LOAD PER COLUMN = 191.7 kN		
MAXIMUM SHEAR PER COLUMN = 21.7 kN		

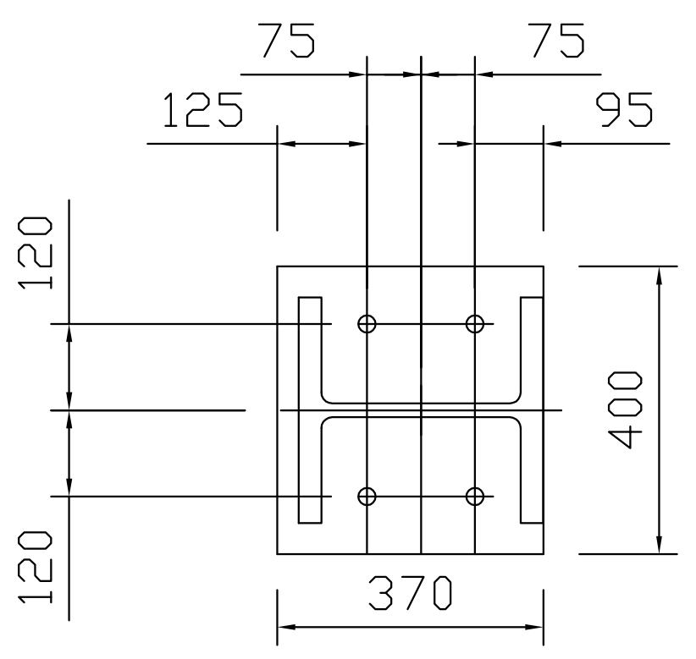
TRESTLE 7		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
23.9	54.5	113.3
TOTAL LOAD PER COLUMN = 191.7 kN		
MAXIMUM SHEAR PER COLUMN = 21.7 kN		

TRESTLE 8		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
23.9	54.5	113.3
TOTAL LOAD PER COLUMN = 191.7 kN		
MAXIMUM SHEAR PER COLUMN = 21.7 kN		

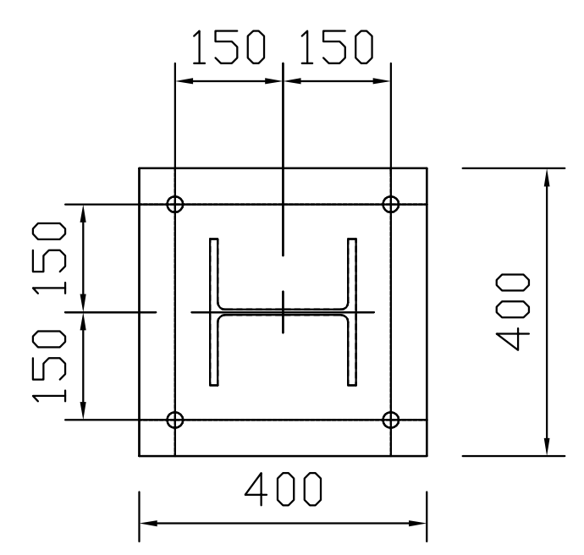
TRESTLE 9		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
23.9	54.5	113.3
TOTAL LOAD PER COLUMN = 191.7 kN		
MAXIMUM SHEAR PER COLUMN = 21.7 kN		

HEAD TRESTLE		
TOTAL DEAD kN	TOTAL IMPOSED kN	TOTAL WIND LOAD kN
43.7	27.4	18.9
TOTAL LOAD PER COLUMN = 90 kN		
MAXIMUM SHEAR PER COLUMN = 6.8 kN		

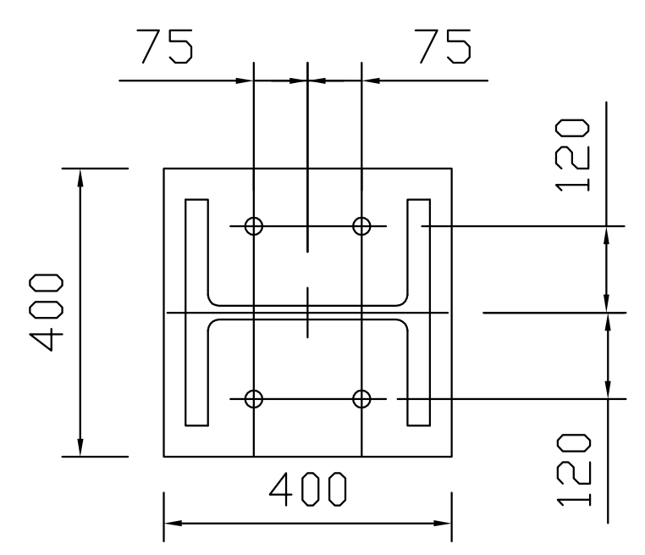
SCALE 1:150



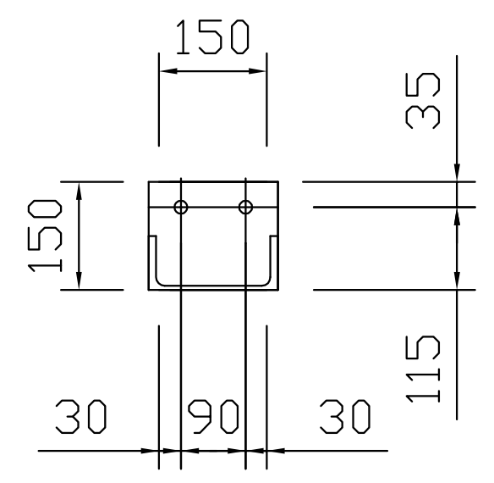
BASEPLATE A



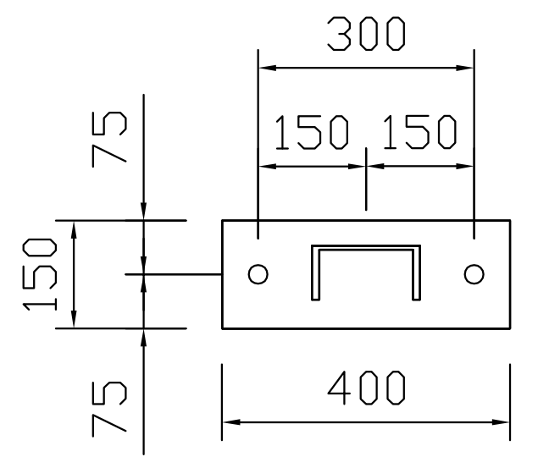
BASEPLATE B



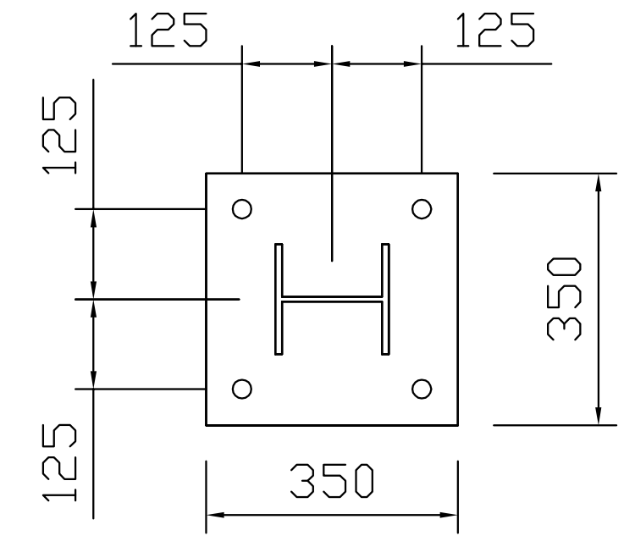
BASEPLATE C



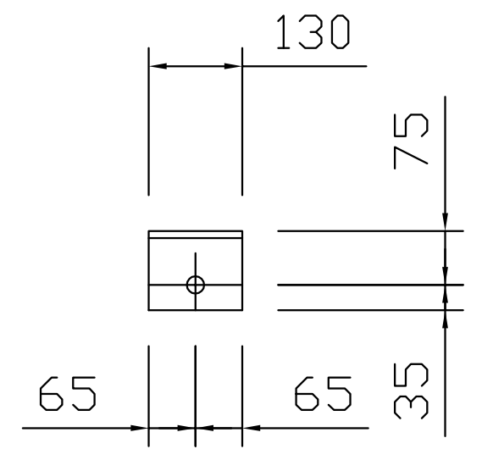
BASEPLATE D



BASEPLATE E



BASEPLATE F



BASEPLATE G

CROSSRAIL REVIEW AND ACCEPTANCE STATUS

This Decal is to be used for submitted documents requiring acceptance by Crossrail

☐	Code 1 - Accepted. Work may proceed
☐	Code 2 - Not Accepted. Revise and resubmit. Work may proceed subject to incorporation of changes indicated
☐	Code 3 - Not Accepted. Revise and resubmit. Work may not proceed
☐	Code 4 - Received for information only. Receipt is confirmed

Reviewed/ Accepted by (signature)

Print name | Position: | Date:

Acceptance by Crossrail does not relieve the designer/ supplier from full compliance with their contractual obligations and does not constitute Crossrail approval of design, details, calculations, analyses, test methods or materials developed or selected by the designer/ supplier

Reviewed by BFK: (signature) | Date:

NORTHFLEET
ELEVATION
FOUNDATIONS / LOADINGS

Burrows
Brothers

Drawing No: C300-BFK-C-DWG-CRT00_ST005-50572

Revisions

1.1	PRELIMINARY	MJC	1.4	LEVELS AMENDED	MJC
1.2	PRELIMINARY	MJC	1.5	RADIAL CONVEYOR BASE ADDED	MJC
1.3	LOADINGS AMENDED	MJC	1.6	HEAD MODIFICATION	MJC

26/10/12 | MJC

Scale

1:150@A0

CENTRISTIC

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