

REACTIONS ON EACH SIDE OF THE PLATFORM
SCALE 1:50

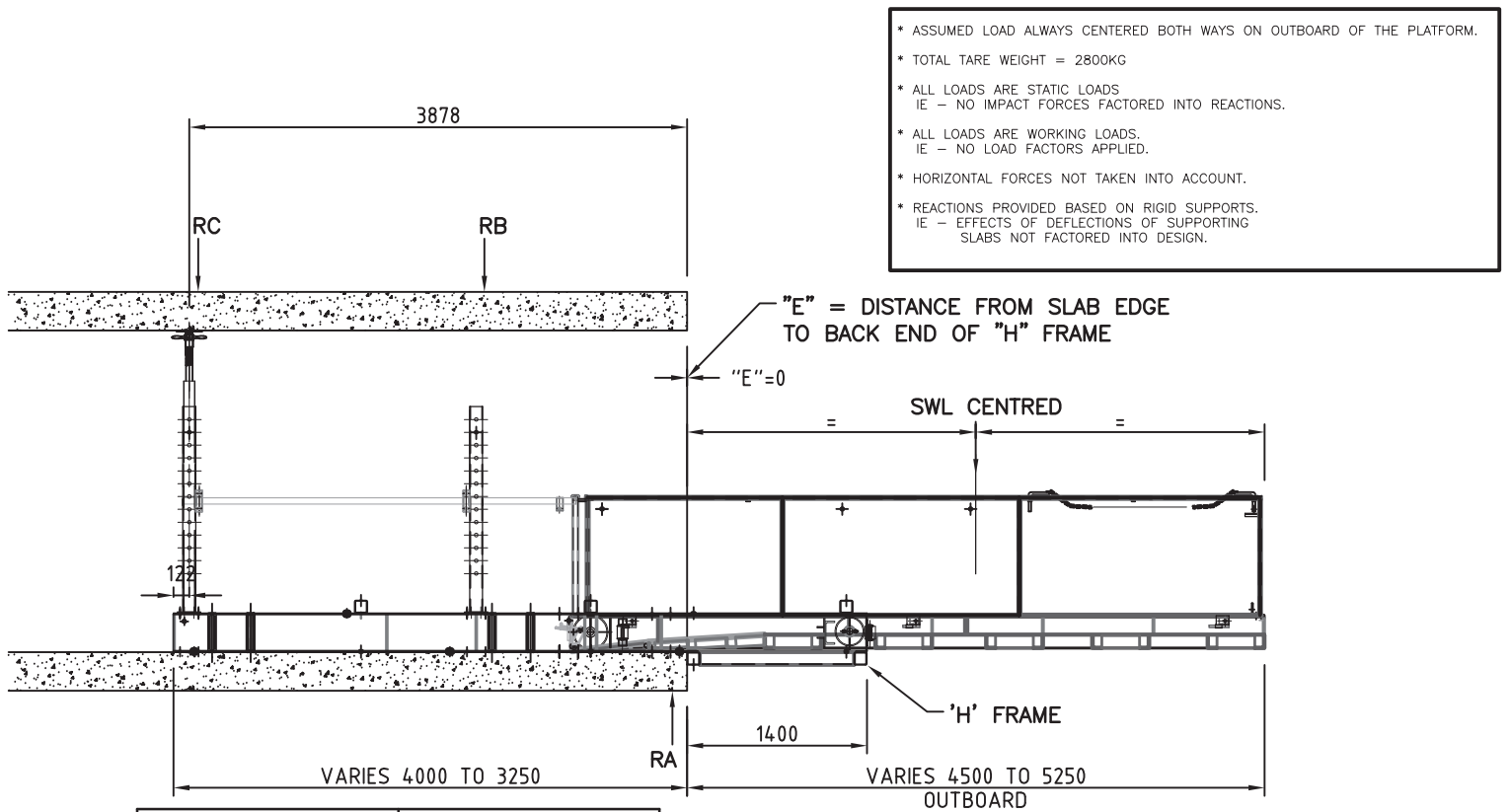
- * ASSUMED LOAD ALWAYS CENTERED BOTH WAYS ON OUTBOARD OF THE PLATFORM.
- * TOTAL TARE WEIGHT = 2800KG
- * ALL LOADS ARE STATIC LOADS
IE - NO IMPACT FORCES FACTORED INTO REACTIONS.
- * ALL LOADS ARE WORKING LOADS.
IE - NO LOAD FACTORS APPLIED.
- * HORIZONTAL FORCES NOT TAKEN INTO ACCOUNT.
- * REACTIONS PROVIDED BASED ON RIGID SUPPORTS.
IE - EFFECTS OF DEFLECTIONS OF SUPPORTING SLABS NOT FACTORED INTO DESIGN

OUTBOARD	E
4500mm	0mm
4750mm	250mm
5000mm	500mm
5250mm	750mm

NOTED SAFE WORKING LOADS ASSUME UNIFORMLY DISTRIBUTED LOADS OR PALLET SIZED LOAD LOCATED CENTRALLY ON OUTBOARD. FOR LOADS LOCATED ON EXTREME OUTWARD EDGES:
SWL = 1.5 TONNES

OUTBOARD	4500mm	4750mm	5000mm	5250mm
LOAD/REACTION IN TONNES				
SWL - CENTRED	5000 kg	4000 kg	3200 kg	2500 kg
RA*	6.6t	6.2t	5.9t	5.7t
RB*	NA	NA	NA	NA
RC*	2.7t	2.8t	2.9t	3.0t
DEFLECTION AT OUTER WHEEL	9mm	11mm	12mm	13mm
DEFLECTIONS AT FREE END	43mm	43mm	44mm	45mm

BUILDER TO VERIFY ALL INFORMATION & DIMENSIONS ON THIS DRAWING ON SITE PRIOR TO COMMENCEMENT OF FABRICATION / CONSTRUCTION



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IE - EFFECTS OF DEFLECTIONS OF SUPPORTING SLABS NOT FACTORED INTO DESIGN.

"E" = DISTANCE FROM SLAB EDGE TO BACK END OF "H" FRAME

"E"=0

SWL CENTRED

1400

'H' FRAME

VARIES 4000 TO 3250

VARIES 4500 TO 5250 OUTBOARD

OUTBOARD	E
4500mm	0mm
4750mm	250mm
5000mm	500mm
5250mm	750mm

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SWL = 1.5 TONNES

OUTBOARD	4500mm	4750mm	5000mm	5250mm
LOAD/REACTION IN TONNES				
SWL - CENTRED	5000 kg	4000 kg	3200 kg	2500 kg
RA*	6.1t	5.8t	5.5t	5.2t
RB*	NA	NA	NA	NA
RC*	2.4t	2.4t	2.5t	2.5t
DEFLECTION AT OUTER WHEEL	10mm	12mm	13mm	15mm
DEFLECTIONS AT FREE END	46mm	47mm	47mm	48mm

BUILDER TO VERIFY ALL INFORMATION & DIMENSIONS ON THIS DRAWING ON SITE PRIOR TO COMMENCEMENT OF FABRICATION / CONSTRUCTION