



VUE ISOMÉTRIQUE

TYPICAL ANCHORAGE	
MATERIAL	ANCHOR
CONCRETE	COBRA PARAWEDGE Ø3/8"-16 X 2 3/4"
STEEL	UNC Ø3/8"-16 GRADE 5
WOOD	LAGSCREW INOX Ø 3/8" X 3"
OTHER	SEE THE STRUCTURAL ENGINEER

NOTES:

THE MAXIMUM ALLOWABLE DISTANCE BETWEEN 2 STANCHIONS IS 36".

THE TOTAL LOAD IS ASSUMED BY 2 STANCHIONS AT A TIME.

INSTALL 2 STANCHIONS TO THE FLOOR ON THE UPPER LANDING.

INSTALL A STANCHION ON THE UPPER LANDING AND ANOTHER ONE IN FRONT OF THE LAST STEP.

EQUALLY DISTRIBUTE THE STANCHIONS IN THE REMAINING SPACE.

THE REACTIONS ARE THE ACTUAL EFFORTS EXERTED BY THE COMBINED EFFECTS OF STATIC AND DYNAMIC LOADS. NO SAFETY FACTOR IS APPLIED TO THESE LOADS.

COORDINATE WITH THE BUILDING'S STRUCTURAL ENGINEER TO ENSURE THE SUPPORTING CAPACITY OF THE WORK. REFER TO APPLICABLE CODES IN EFFECT TO DETERMINE THE SUPPORTING CAPACITY OF THE SUPPORTING STRUCTURE OR WALL IN REGARDS TO THE REACTIONS.

THE TYPICAL SAFETY FACTOR OF THE LIFTING PLATFORM IS 5. SEE CAN/CSA B-355-09.

R4 AND R5 REPRESENT THE EFFORT CAUSED BY THE STANCHIONS AT THEIR FLOOR OR STEP ANCHORING POINTS..

REACTION 4 IS THE VERTICAL LOAD IMPOSED ON THE FLOOR OR STEP, APPLIED TO A 3" X 3" SURFACE (1/2" FLOOR PLATE).

REACTION 5 IS A PULLING FORCE THAT WILL BE ENSURED BY 2 ANCHORS. ALTERNATIVELY, SHEAR BOLTS MAY BE ADDED TO FACE "C". COORDINATE WITH THE BUILDING'S STRUCTURAL ENGINEER IN REGARDS TO THE MATERIAL USED FOR THE FLOOR OR STEP.

FOR REFERENCE ONLY
DO NOT USE FOR CONSTRUCTION



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Code:	B-355 / 613	Title: AC-105 / AR-100 / AC-105-CH REACTION	
Safety:	± 1/16"		
Drafter:	M. Debusschere	Revision:	
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