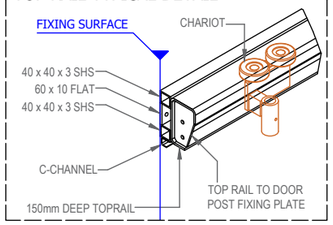
Rhino 100mm section door will weigh 95 kilos per meter square nominal

LINTEL DEFLECTION NOT TO EXCEED +/- 5mm

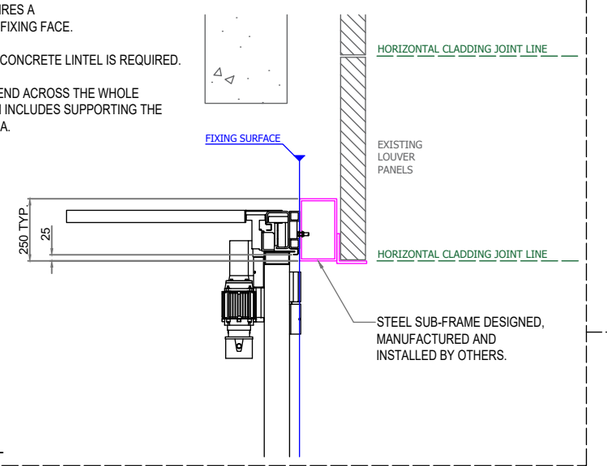
TOP RAIL TYPICAL DETAIL



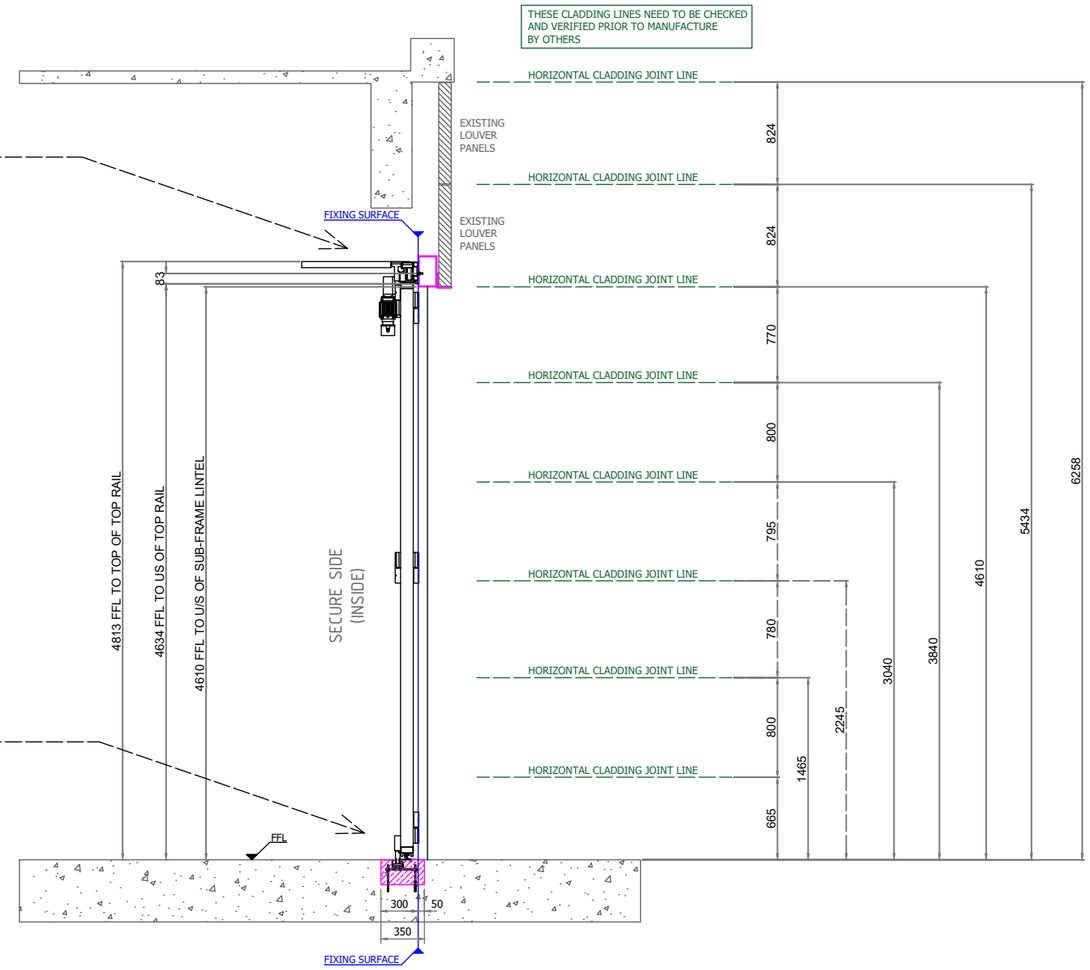
RHINO TOP RAIL REQUIRES A MINIMUM 200mm DEEP FIXING FACE.

A SUITABLE STEEL OR CONCRETE LINTEL IS REQUIRED.

THE LINTEL MUST EXTEND ACROSS THE WHOLE PORTAL WIDTH, WHICH INCLUDES SUPPORTING THE DOORS STACKING AREA.



TOP RAIL DETAL



GROUND RAIL EXCAVATION

THE GROUNDRAIL EXCAVATION NEEDS TO BE CARRIED OUT BY OTHERS PRIOR TO THE THE START OF THE FOLDING DOOR INSTALLATION.

RHINO WILL INSTALL THE GROUNDRAIL INTO THIS EXCAVATION, SUPPORTING AND LEVELING IT AS SHOWN IN THE DETAILS ABOVE.

ONCE THE DOOR INSTALLATION IS COMPLETE, THE RAIL NEEDS TO BE GROUTED IN BY OTHERS.

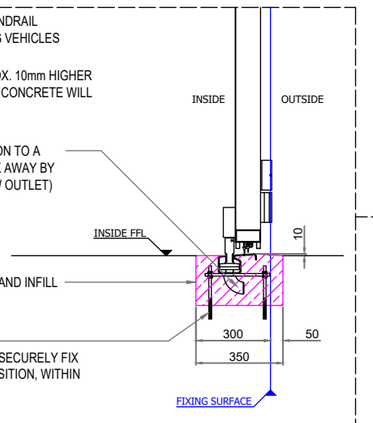
DRAINAGE

THE GROUNDRAIL WILL HAVE A DRAIN OUTLET POINT. A 90° ELBOW LOCATED CENTRALLY WILL BE WELDED TO THE UNDERSIDE OF THE GROUNDRAIL. THIS OUTLET WILL POINT OUTWARDS. FOR CONNECTION BY OTHERS. (Ø48mm 90° ELBOW OUTLET)

NARROW THROATED GROUNDRAIL SUITABLE FOR ROAD GOING VEHICLES

THE GROUNDRAIL IS APPROX. 10mm HIGHER ON THE OUTSIDE. THE NEW CONCRETE WILL HAVE A SLIGHT RAMP.

DRAIN OUTLET : CONNECTION TO A SUITABLE DRAINAGE / SOAK AWAY BY OTHERS (Ø48mm 90° ELBOW OUTLET)



GROUND RAIL DETAL

REV	DESCRIPTION	DATE
00	FOR REVIEW	19.12.2025

DOOR SECURITY CLASSIFICATION

THIS DOOR WILL BE MANUFACTURED TO THE FOLLOWING STANDARD:
SECURITY STANDARD CPNI (MFES), BASE & ENHANCED

NOTES:

-THIS DOOR DOES NOT INCORPORATE ANY ALARM, LOCK OR BOLT MONITORING FUNCTIONS MONITORING CAN BE PROVIDED AT AN EXTRA COST IF REQUIRED

COLOUR:

LEAVES

REFER TO DRAWING NO. : 9110-02

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DESIGNED BY	CHECKED BY	APPROVED BY	DATE
C.C	O.D	J.H	19.12.2025

SCALE	DATE	SIZE
NTS	19.12.2025	A3

DWG NUMBER	CLIENT DOOR REF.	CUSTOMER
9110-01	MAG LOADING BAY DOOR	ROBERTSON

JOB NO		ISSUE	SHEET
9110 - MAG	VERTICAL SECTION VIEWS 5 WING SFC	00	1/1