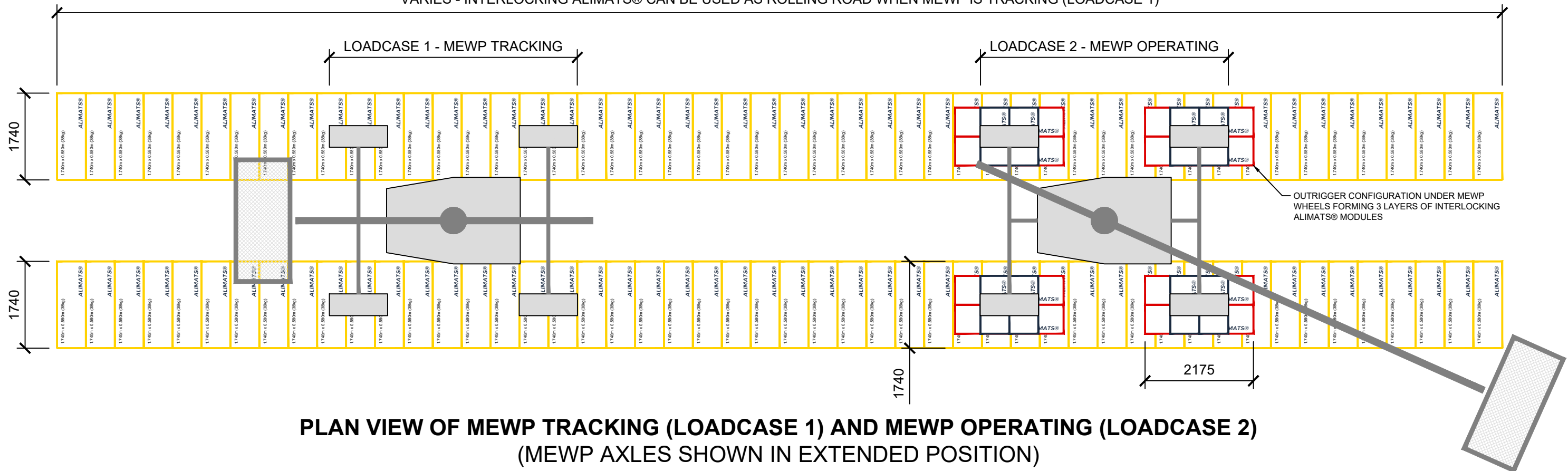


DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

VARIES - INTERLOCKING ALIMATS® CAN BE USED AS ROLLING ROAD WHEN MEWP IS TRACKING (LOADCASE 1)



PLAN VIEW OF MEWP TRACKING (LOADCASE 1) AND MEWP OPERATING (LOADCASE 2)
(MEWP AXLES SHOWN IN EXTENDED POSITION)

ALIMATS® INTERLOCKING MODULE QUANTITIES:

LOADCASE 1 - MEWP Tracking: 136 number 1740mm x 580mm x 60mm
LOADCASE 2 - MEWP Operating: 8 number 2175mm x 580mm x 60mm
8 number 1160mm x 580mm x 60mm

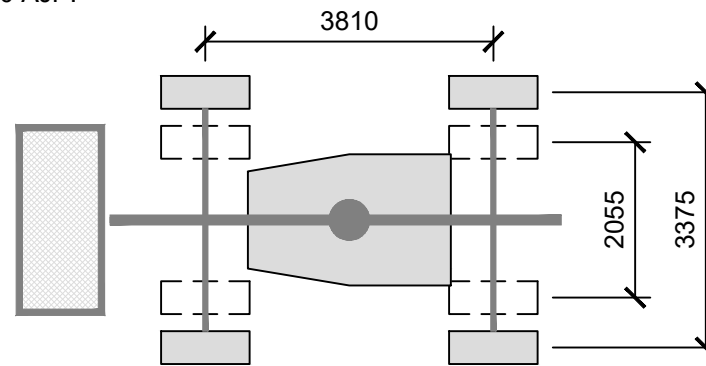
Based on configuration for LOADCASE 2 this enables an outrigger load spread area under each wheel and in this example equates to 3.78m² when you consider the 1.74m long modules forming the temporary road (2.175m x 1.740m = 3.78m²). This load spread area can be increased depending on specific site requirements.

DESIGN NOTES:

- The purpose of outrigger mats is to spread the outrigger load over the entire mat area. To achieve this the material must be suitably stiff and be able to deflect in order to increase the area the load is applied to the ground, thus reducing the applied pressure. This will be dependant on the supporting ground and must be considered / specified within the Temporary Works design. Where outrigger mats are used on hard surface it is recommended that a compressible layer (ie: Ethafoam) is placed below the mat surface to ensure the system functions as structurally intended.
- For further guidance on section properties and or any other technical query please contact Brilliant Ideas Ltd on 01335 345 111 or enquiries@brilliantideas.co.uk
- All Temporary Works designs should be carried out by a competent Temporary Works Engineer, it is the Temporary Works Engineer's responsibility to ensure that the ALIMATS® system is suitable for their application.

NOTE:

This example drawing is based on a completed scheme and intended to provide an example of how the two loadcases are dealt with when operating MEWPS. The MEWP dimensions are based on a JLG® Boom Lift Model 1250 AJP.



PLAN VIEW OF MEWP
(1:100)

IMPORTANT NOTICE - MODULE INTERLOCK:

Brilliant Ideas Ltd manufacture ALIMATS® from extruded Aluminium and the system has a fully patented interlocking design which enables monolithic action and bi-directional load spread. To ensure the system works as structurally intended the interlock must be engaged along the longitudinal joints.



INTERLOCK BEING ENGAGED DURING SITE SET-UP	Typical ALIMATS® Section Profiles	Interlock Image
INTERLOCKED		
NO INTERLOCK		

Guidance on site placement refer to document: **Risk Assessment / Site Placement Guidelines**

Revision	Description	Date	Initial	Checked



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Drawing Title:
**MEWP EXAMPLE
TEMPORARY ROAD AND
OUTRIGGER**

Drawn By: DW	Scale @ A3: NTS UNO
Checked By: KH	Date: 01/04/2021
Drawing Number: A-BIL-MEWP-EX1	Revision: T1