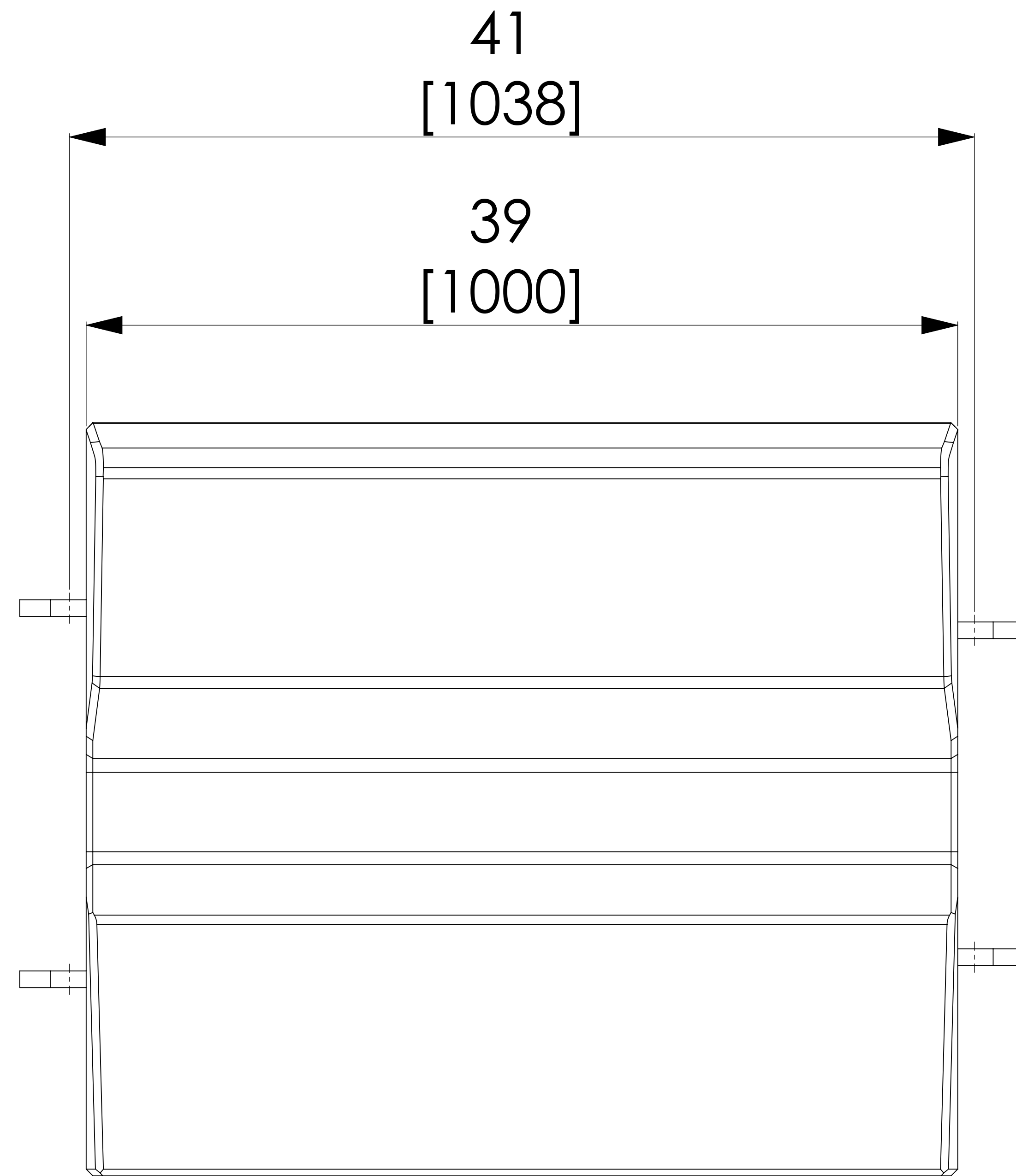
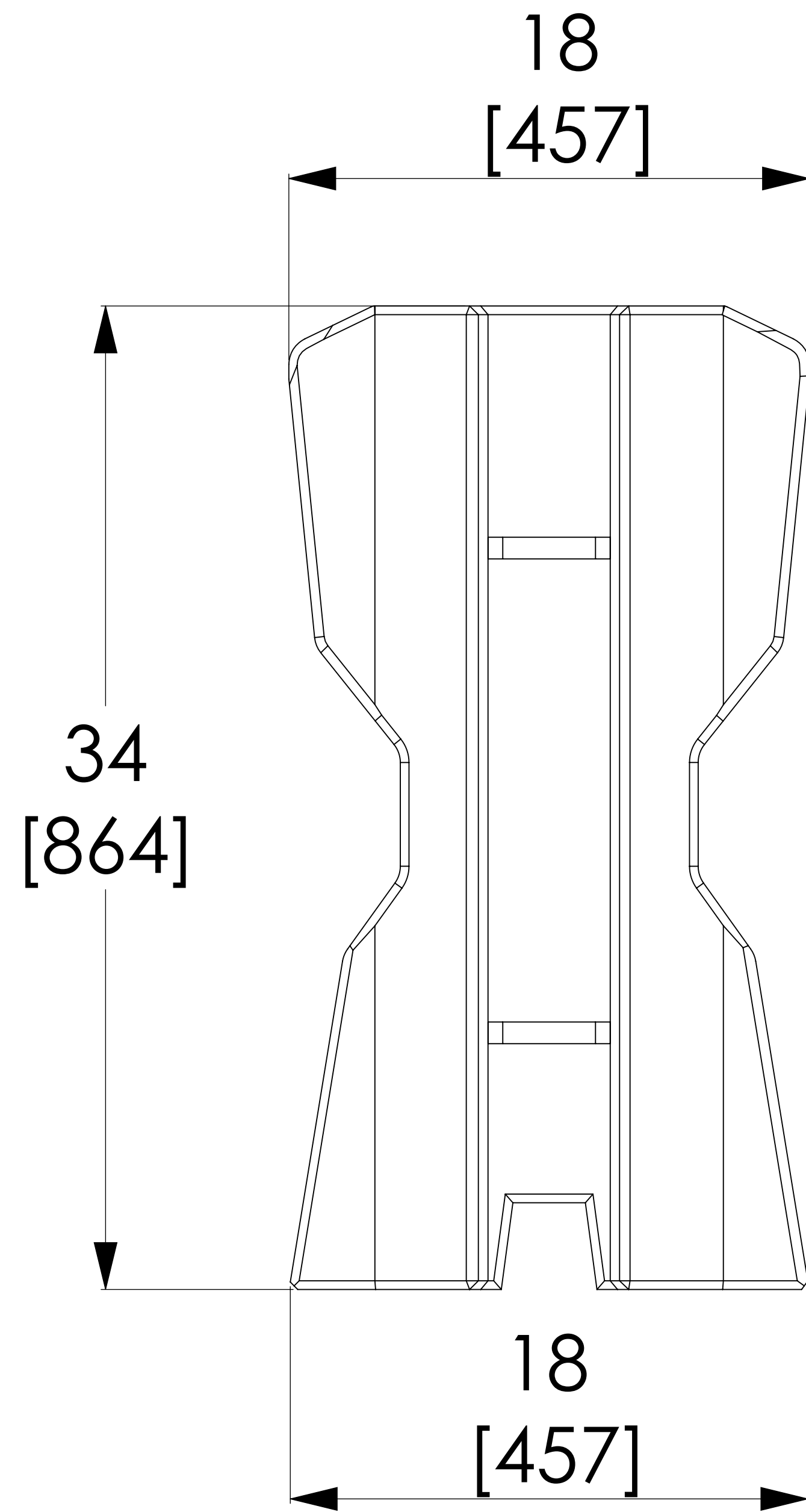
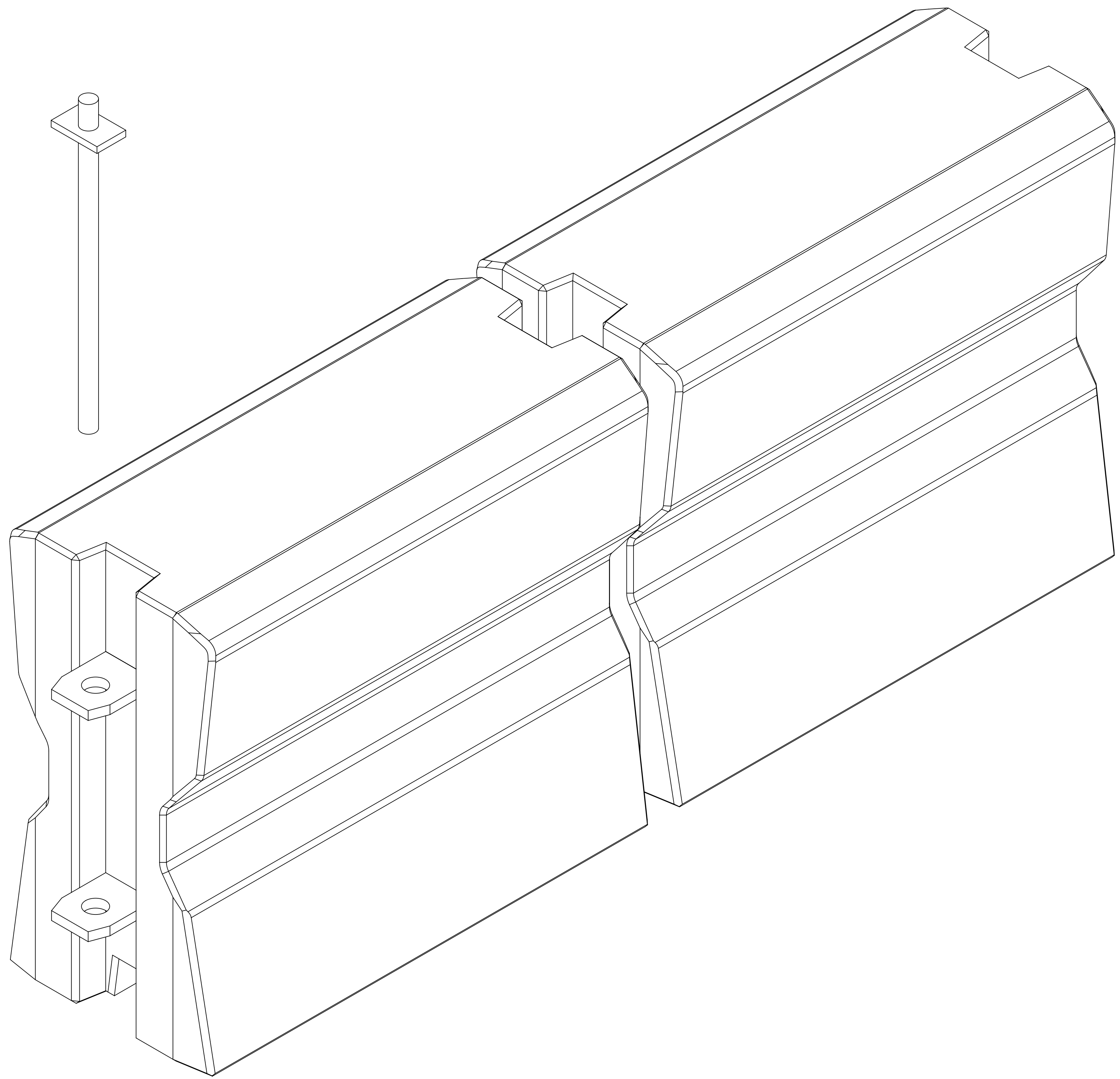


Flux Barrier



Flux Barrier - SWC26



Northern Infrastructure Products

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INTENDED USE

The FLUX Barrier System is a MASH TL-3 longitudinal concrete barrier system that is capable of being moved by a mobile transfer vehicle. The system is designed to function as a longitudinal barrier which can be transferred from one lane to another in a relatively short period of time. The FLUX barrier has minimal deflections and can be used to positively separate traffic while unanchored.

The FLUX Barrier System is a concrete barrier which is connected end to end with steel pins and a hinge mechanism (moveable barrier plate). Each barrier segment has a functional length of approximately 39" (1000 cm), a height of approximately 34", (864cm), a width of approximately 18" (460 cm) and a weight of approximately 1800 lbs. (816 kg).

The FLUX Barrier System can be transferred from lane to lane with a barrier transfer machine. The machine is capable of lifting the barrier segments and moving them to the new desired position on the roadway. These transfer vehicles are capable of moving the flux barrier up to 24 ft [7.5m] at a speed of up to 10 mph [16 kph] for permanent systems or up to 5 mph [8 kph] on a temporary or construction system.

The FLUX Barrier System can be used as a MASH TL-3 longitudinal barrier. While it was designed to function as a movable barrier, providing flexibility for opening and closing lanes of traffic on congested roadways during peak volume hours, it can also be used on temporary work zones to provide positive protection, clear lane delineation and improved ingress and egress to the work area. With built-in articulation between segments and a short barrier length, the Flux barrier is able to accommodate a radius as short as 4.63m in 8 units, which makes it suitable for use on freeway ramps and in urban environments.

The FLUX barrier system must be used with the appropriate MASH TL-3 end treatment.

APPROVALS

The FLUX Barrier System has met the MASH TL-3 crash testing criteria making it eligible for Federal reimbursement by the FHWA.

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