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CONCRETE ACCESSORIES OF GA, INC.

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## CONAC MANHOLE LIFTING SYSTEM DESIGN AND HANDLING CRITERIA

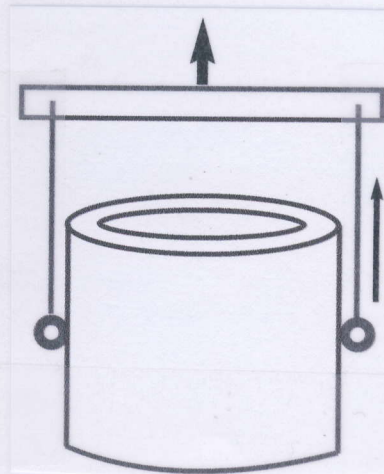
The **CONAC MANHOLE LIFTING SYSTEM** is a four component system that may be used in wet-cast and/or dry-cast manhole production. The system includes the MLE-35 Manhole Lifting Unit, the MPI 05 Plastic Manhole Insert and the MPI Bolt (and plug) assembly for fixing the manhole plastic insert to the form.



### MPI 05 PLASTIC MANHOLE INSERT

One piece design with sealed bottom  
To accommodate vacuum testing

Insert to be installed with "keyway" in horizontal position



PREFERRED LIFTING METHOD

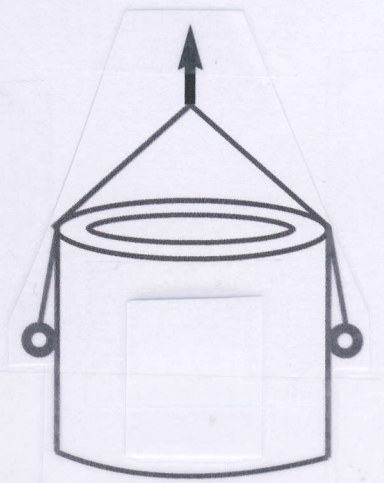


### MLE-35 MANHOLE LIFTING UNIT

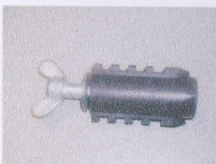
Lifter to be inserted into the plastic  
Insert and rotated 90 degrees

SWL is 3.5T with 5:1 Safety Factor in SHEAR.

**THIS LIFTER SHOULD NEVER BE USED IN TENSION**



ACCEPTABLE LIFTING METHOD



### MPI BOLT (WITH PLUG)

For fixing manhole plastic insert to the form