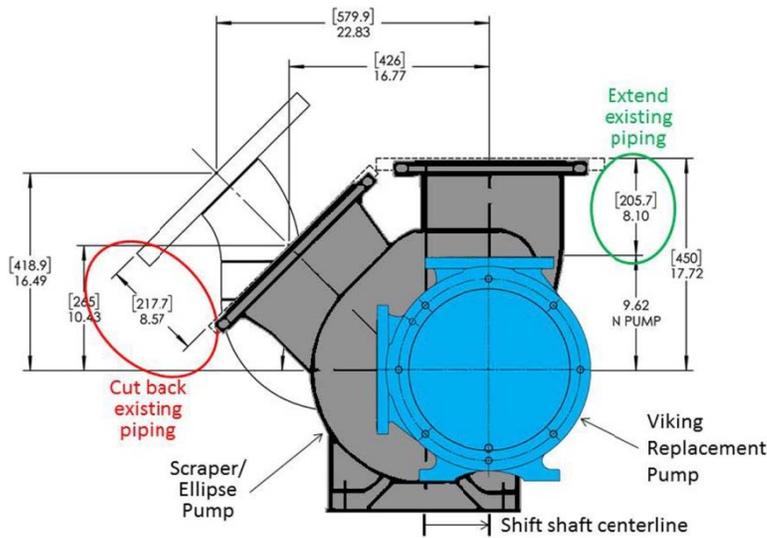


CONVERTING EXISTING SCRAPER/ELLIPSE PUMPS TO VIKING

If you have an existing scraper/ellipse-type magma or massecuite pump with suction port at 45 degree angle:

These images show the relatively simple replacement of an existing scraper/ellipse-type magma pump with an Viking of comparable performance. Using the discharge (top port) centerline to minimize piping disturbance, the baseplate is shifted slightly to one side, moving the shaft centerline horizontally, and raised up slightly, matching the existing shaft centerline vertically.



This enables the existing 45-degree angle suction piping to mate to Viking's 90-degree suction port by simply cutting back the piping slightly and adding two 45-degree ells. Discharge piping would be extended by a short spool piece to mate to Viking's discharge port. Viking's standard 6" ports on this model are sufficient to handle the viscosity, and the scraper/ellipse pump's 12" suction and 10" discharge can be reduced.

