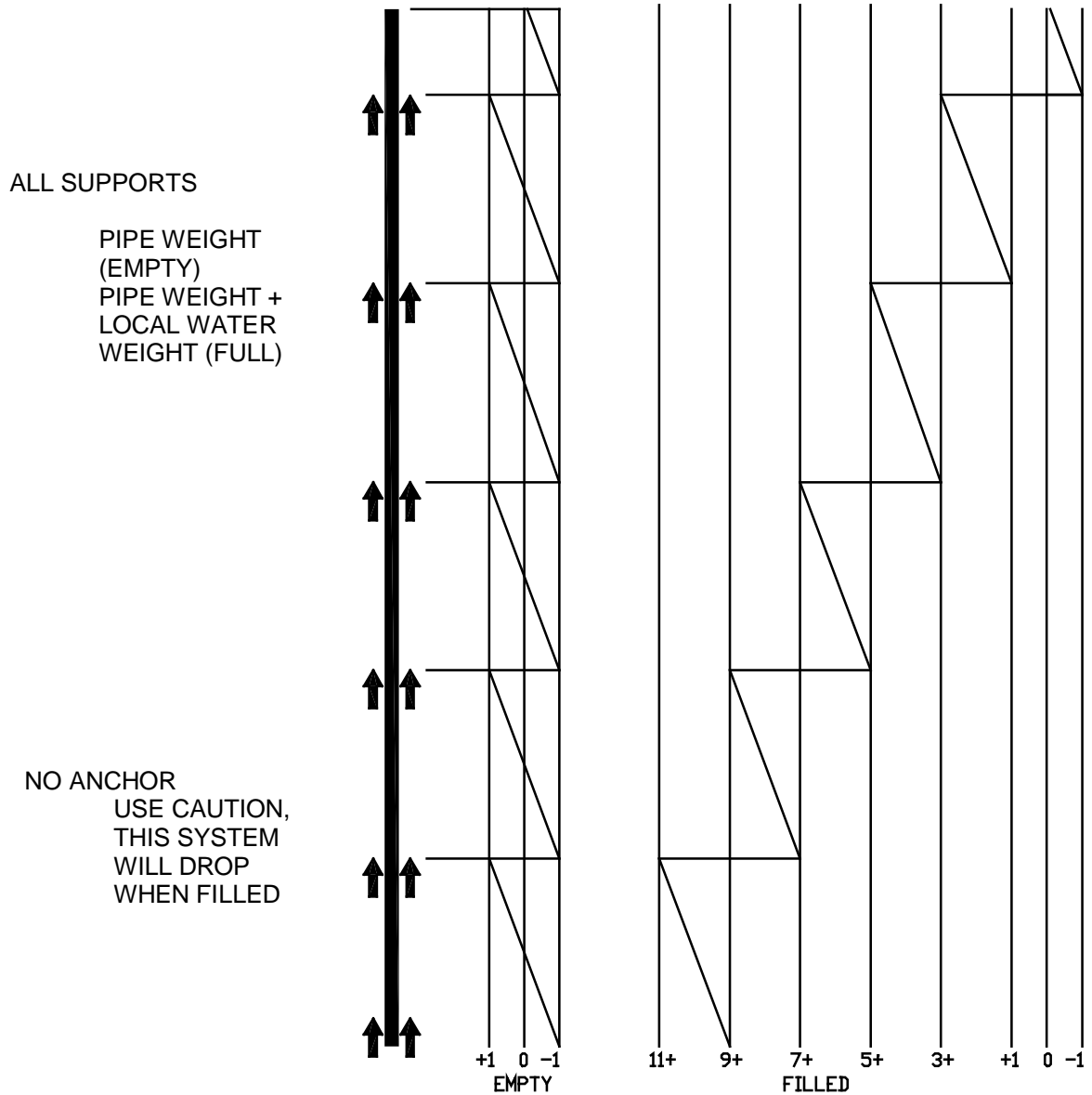


WELDED OR BOLTED FLANGE PIPE RISER (NO RESTRAINT)

(NO ANCHOR, NON-RESTRAINED SPRING INTERMEDIATE PIPE SUPPORTS AND WATER LOAD DISTRIBUTED)



RELATIVE PIPE STRESS ASSUMING PIPE WT/FT AND WATER WT/FT IS APPROXIMATELY EQUAL (12' STD WT PIPE)

OK FOR EXPANSIVE SYSTEMS
OR FOR CONTRACTIVE SYSTEMS
ALLOWANCE MUST BE MADE FOR PIPE TO DROP WHEN FILLED

KINETICS™ Riser Design Manual

DIST HYD LOAD / NO ANCHOR / SOLID COUPLING - TYPE 1

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