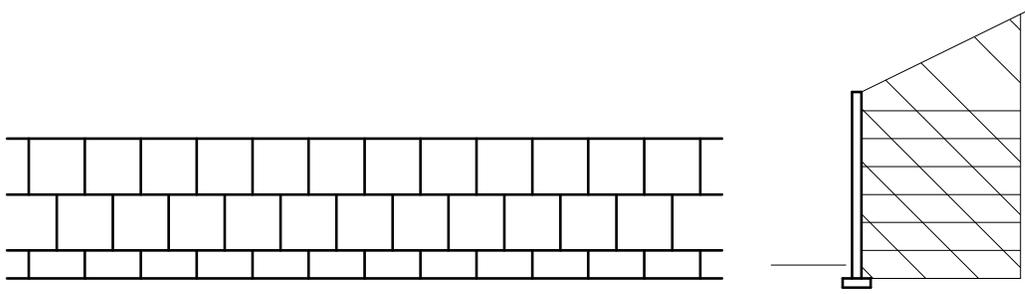
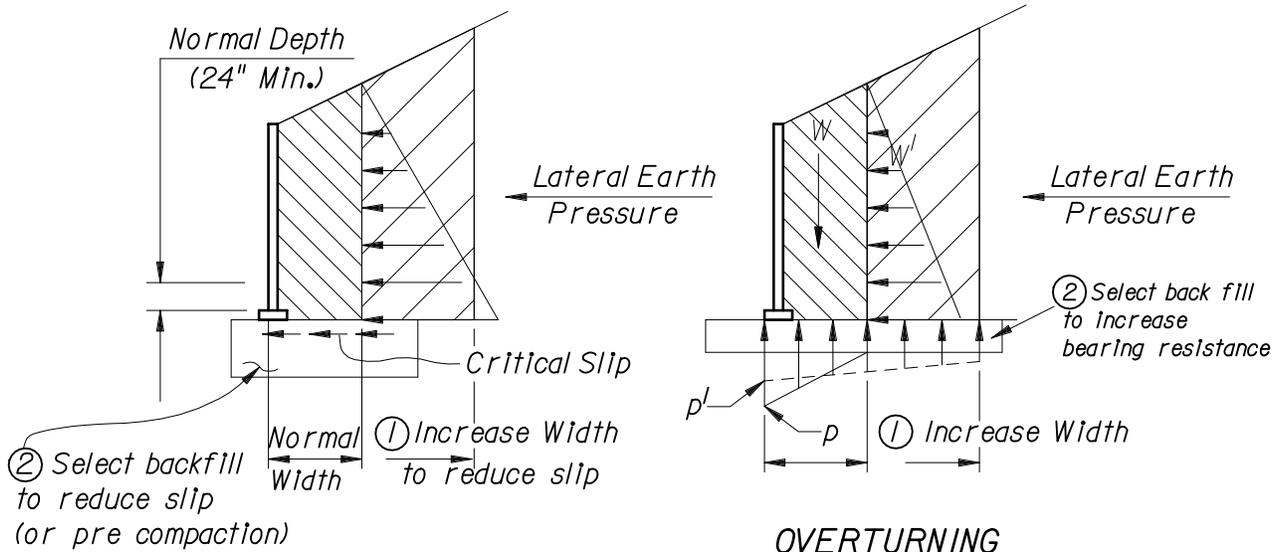


Figure 3-1 Proprietary Retaining Walls



INTERNAL STABILITY – Designed by Wall Company



SLIDING

OVERTURNING

① Select back fill or pre compacted material in area of critical slip plane

Reduce overturning (or toe pressure) by increasing width (soil reinforcement length) or using select back fill.

② Increase length of critical slip plane by increasing width or soil reinforcement length. However, driving weight is also increased.

ROTATIONAL SLIP PLANE

EXTERNAL STABILITY – Designed by Geotechnical Engineer of Record

PROPRIETARY RETAINING WALLS