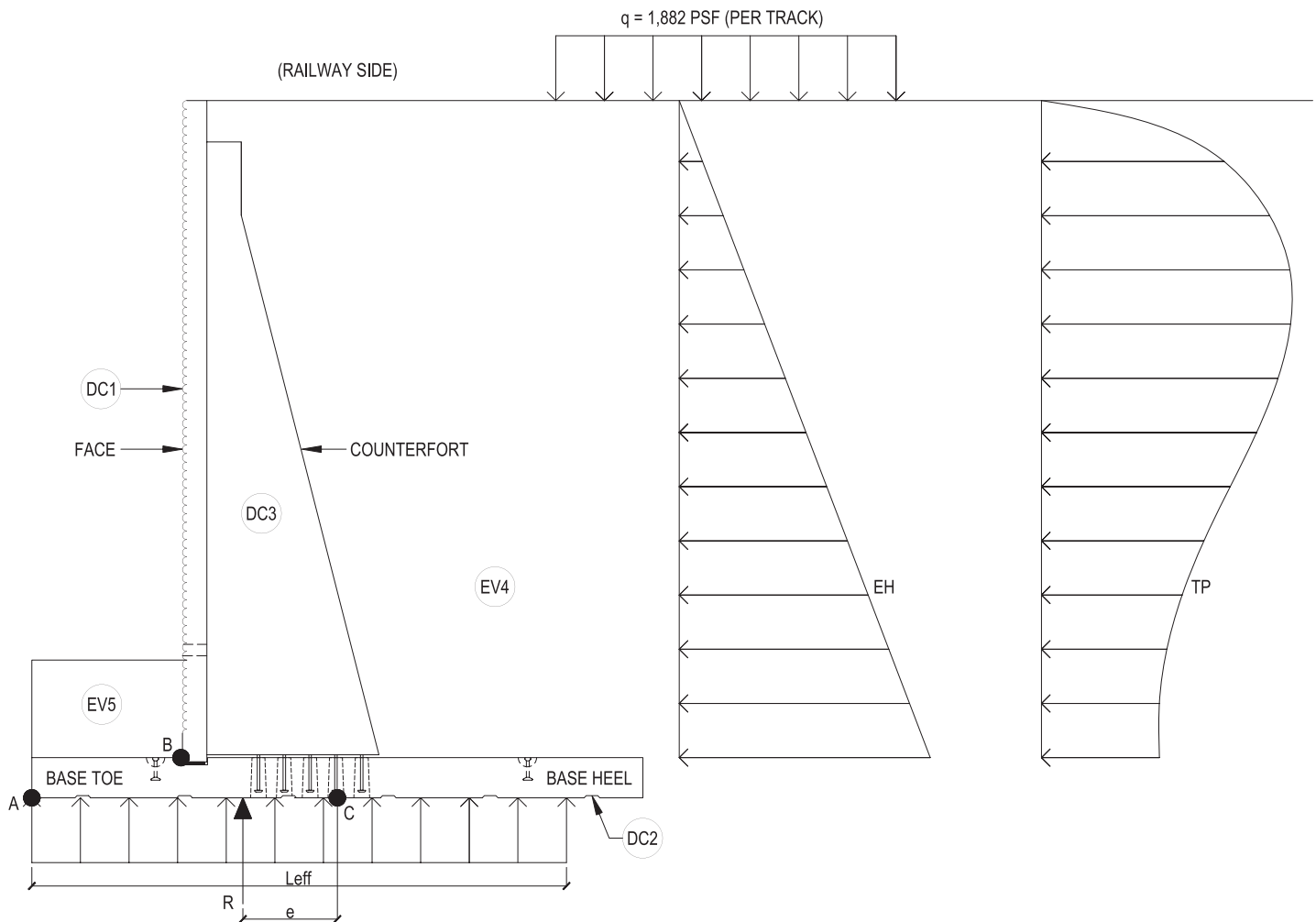




# Patent-Pending Counterfort Wall System - Illustration 1

DC1 = SELF-WEIGHT OF FACE PANEL  
 DC2 = SELF-WEIGHT OF BASE SLAB  
 DC3 = SELF-WEIGHT OF COUNTERFORTS  
 EV4 = VERTICAL EARTH LOAD ON THE BASE HEEL  
 EV5 = VERTICAL EARTH LOAD ON THE BASE TOE  
 EH = HORIZONTAL EARTH PRESSURE

TP = HORIZONTAL TRACK PRESSURE  
 q = VERTICAL TRACK PRESSURE  
 R = RESULTANT OF VERTICAL LOADS  
 e = ECCENTRICITY OF RESULTANT  
 q\_u\_bearing = EQUIVALNET BEARING PRESSURE FROM R  
 DISTRIBUTED OVER EFFECTIVE AREA





# Patent-Pending Counterfort Wall System - Illustration 2

