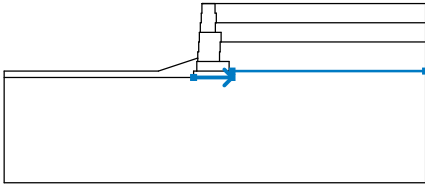








No.	Interface location	Coordinates of interface points [ft]					
		x	z	x	z	x	z
12		-3.31	-11.50	2.69	-11.50	2.69	-10.50
		32.80	-10.50				

Soil parameters - effective stress state

No.	Name	Pattern	Φ_{ef} [°]	C_{ef} [psf]	γ [pcf]
1	Lean Clay		29.00	25.0	120.0
2	Granular Backfill		39.00	0.0	135.0
3	Sand and Gravel - Foundation Soil		30.00	0.0	130.0

Soil parameters - uplift

No.	Name	Pattern	γ_{sat} [pcf]	γ_s [pcf]	n [-]
1	Lean Clay		121.0		
2	Granular Backfill		135.0		
3	Sand and Gravel - Foundation Soil		130.0		

Soil parameters

Lean Clay

Unit weight : $\gamma = 120.0$ pcf
 Stress-state : effective
 Angle of internal friction : $\Phi_{ef} = 29.00^\circ$
 Cohesion of soil : $C_{ef} = 25.0$ psf
 Saturated unit weight : $\gamma_{sat} = 121.0$ pcf

Granular Backfill

Unit weight : $\gamma = 135.0$ pcf
 Stress-state : effective
 Angle of internal friction : $\Phi_{ef} = 39.00^\circ$