


John Shively PE

Cohesion of soil : $c_{ef} = 0.0$ psf
 Saturated unit weight : $\gamma_{sat} = 135.0$ pcf

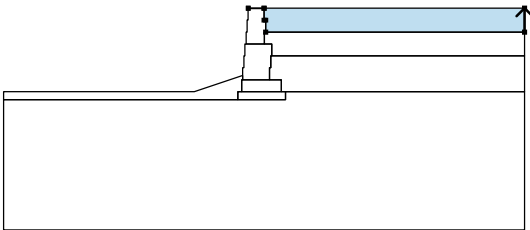

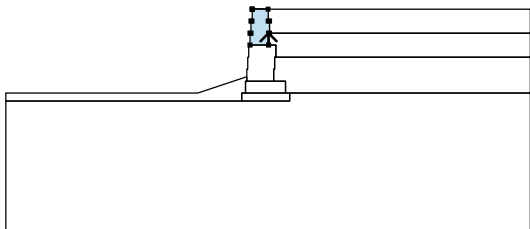
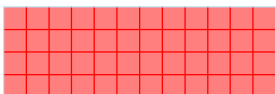
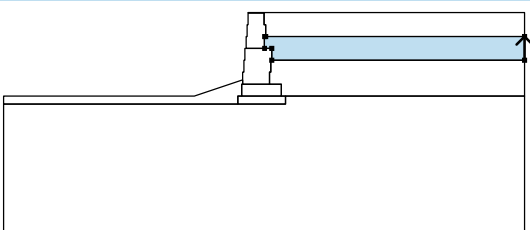

Sand and Gravel - Foundation Soil

Unit weight : $\gamma = 130.0$ pcf
 Stress-state : effective
 Angle of internal friction : $\phi_{ef} = 30.00^\circ$
 Cohesion of soil : $c_{ef} = 0.0$ psf
 Saturated unit weight : $\gamma_{sat} = 130.0$ pcf

Rigid Bodies

No.	Name	Sample	Y [pcf]
1	Material of structure		120.0

Assigning and surfaces

No.	Surface position	Coordinates of surface points [ft]				Assigned soil
		x	z	x	z	
1		32.80	-3.00	32.80	0.00	Lean Clay 
		0.00	0.00	-1.99	0.00	
		-1.99	-0.01	0.00	-0.01	
		0.00	-1.50	0.20	-1.50	
		0.20	-3.00			
2		0.06	-4.50	0.06	-3.00	Material of structure 
		0.20	-3.00	0.20	-1.50	
		0.00	-1.50	0.00	-0.01	
		-1.99	-0.01	-1.99	0.00	
		-2.00	0.00	-2.00	-1.50	
		-2.14	-1.50	-2.14	-3.00	
		-2.27	-3.00	-2.27	-4.50	
3		32.80	-6.00	32.80	-3.00	Lean Clay 
		0.20	-3.00	0.06	-3.00	
		0.06	-4.50	0.97	-4.50	
		0.97	-6.00			