

Table L-2: Plant Facilities Concrete Foundations and Footers

Keenesburg No. 2 Mine - Process Plant Structures												
			Dimentions		Area	Portable?	Footer			Floor		Total Volume
	Building Name	Height (ft)	Width (ft)	Length (ft)	(ft ²)		Area(ft2)	Length (ft)	volume (Yds3)	Thickness	volume (Yds3)	volume (Yds3)
1	Scalehouse	Portable	8	40	320	Portable						
2	Electrical House	Portable	10	50	500	Portable						
3	Dry Sand Storage Bldg	20 ft	125	450	56250		12	1150	511.1	1.5	3125	3636.1
4	Mobile Equipment Shop	25 ft	75	100	7500		6	350	77.8	1	277.8	355.6
5	Maintenance Parts Storage	20 ft	75	150	11250		6	450	100.0	0.75	312.5	412.5
6	Employee Breakroom	Portable	10	55	550	Portable						
7	QC Lab	Portable	10	40	400	Portable						
8	Supervisor Office	Portable	12	50	600	Portable						
9	Mine Office	Portable	12	50	600	Portable						
10	Wet Sand & Storage Bldg	20 ft	180	610	109800		12	1580	702.2	1.5	6100.0	6802.2
11	Air Compressor 1	16 ft	30	30	900		6	120	26.7	0.5	16.7	43.3
12	Air Compressor 2	16ft	30	30	900		6	120	26.7	0.5	16.7	43.3
13	Scales/Loadout	Structure with silo, not a building	110	155	17050							511.6
14	Water Treatment	20ft	60	130	7800		6	380	84.4	0.5	144.4	228.9
15	Wet Plant Enclosure	35 ft	190	190	36100		6	760	168.9	1	1337.0	1505.9
											Grand Total	13,539