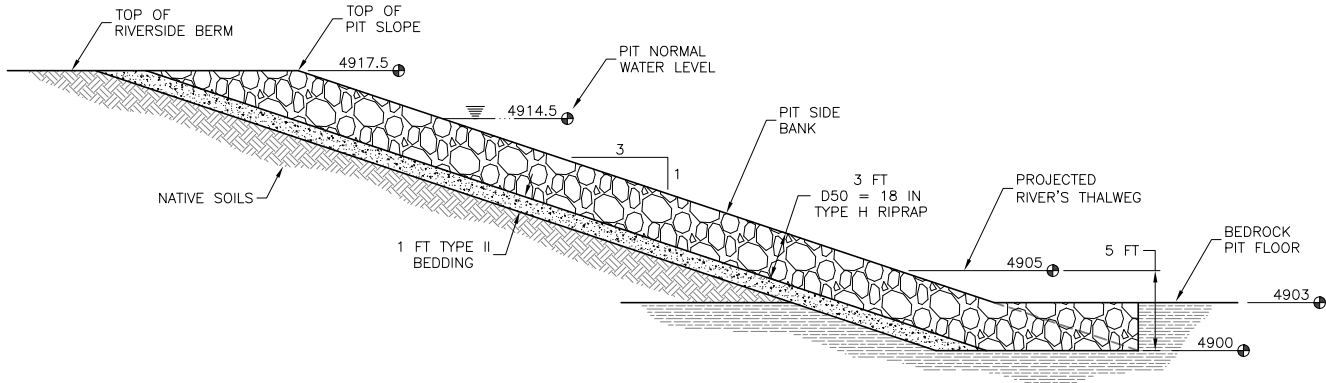


$$1'' = 50'$$

	EXISTING CONTOURS
	PROPOSED CONTOURS
	SLURRY WALL
	MINING LIMIT
	RIPRAP SLOPE PROTECTION



NOT TO SCALE

Riprap Designation	% Smaller Than Given Size By Weight	Intermediate Rock Dimension (inches)	D50 (inches)
Type H	70 – 100	30	18
	50 – 70	24	
	35 – 50	18	
	2 – 10	6	
D50 = Mean Particle Size			

RIPRAP GRADATION

	Percent by Weight Passing Square-Mesh Sieves
U.S. Standard Sieve Size	Type II (CDOT Sect. 703.09 Class A)
3 inch	90 – 100
1½/2 inch	—
¾ inch	20 – 90
⅜ inch	—
No. 4	0 – 20
No. 16	—
No. 50	—
No. 100	—
No. 200	0 – 3

BEDDING GRADATION

[illegible]

Job #	22012
Date	6.7.24
Drawn By	TPY
Designed By	TPY
Checked By	JCY
File	JT-Inwin Pit Protection
Scale	As Shown

Sheet: **1** Of: **1**

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Irwin-Thomas Mine

Pit Side Riprap Slope Protection

Holcim