

Proven Solutions. Expert Advice.

Belt Cleaning Systems / Impact Protection Systems / Pulley Lagging / Material Containment Systems / Wear Liners / Belt Tracking Systems





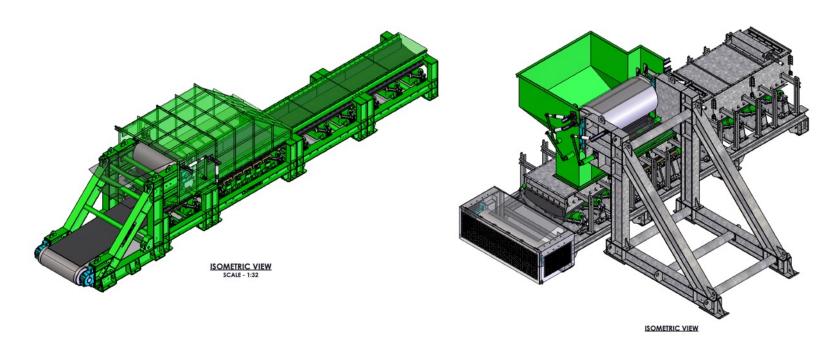


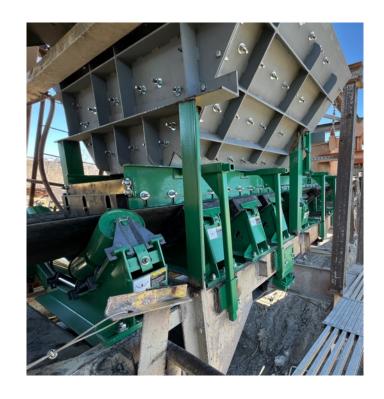


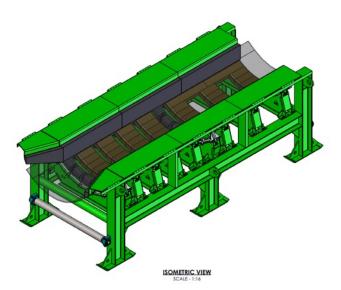




Transfer Projects and Liner Packages

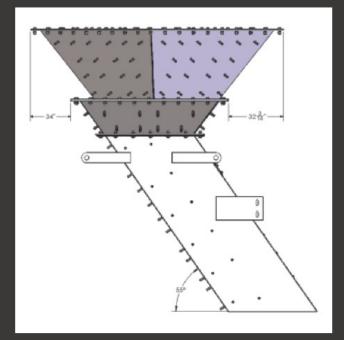


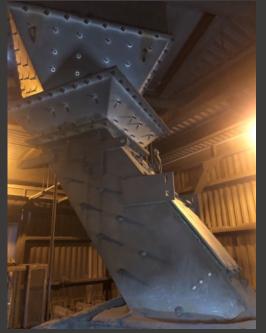


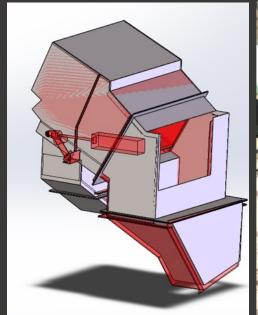


Integrated Transfers and Chute Packages

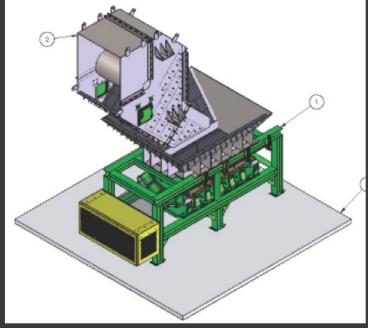
- Chutes and transfers are designed with ease of maintenance as a priority
- This contributes to safety and efficiency
- Complete systems include site-specific engineering for best performance













Limestone Quarry Project 2024

Replacement of Transfer Chute

and Install MCS w/ Belt support

Material

4"-

Limestone

TPH 750

Belt Speed

350 fpm



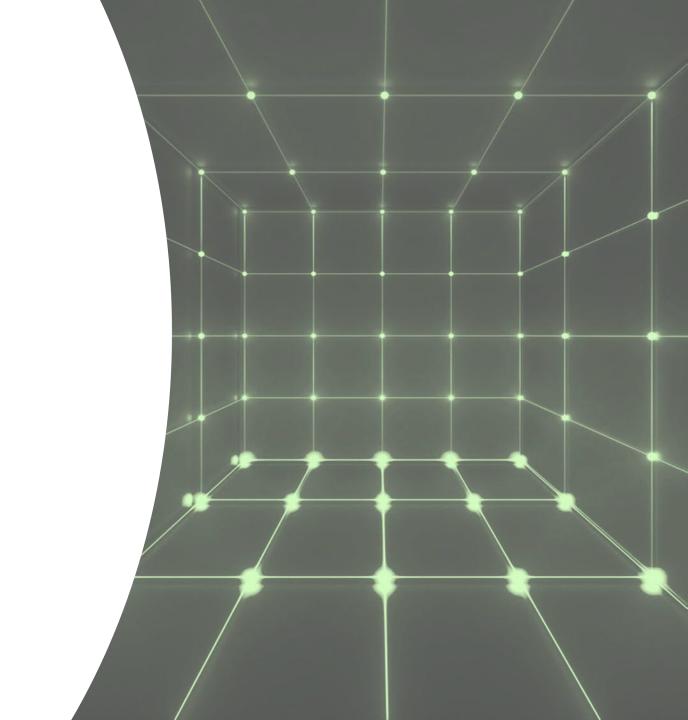


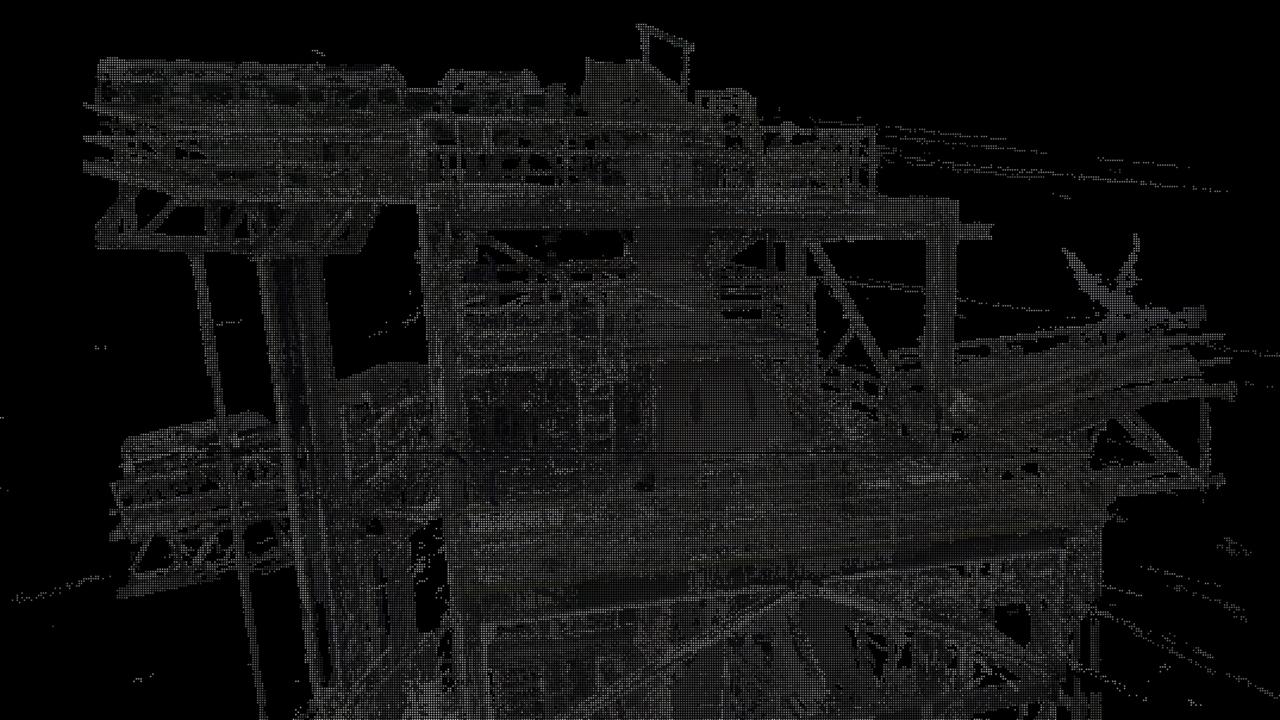


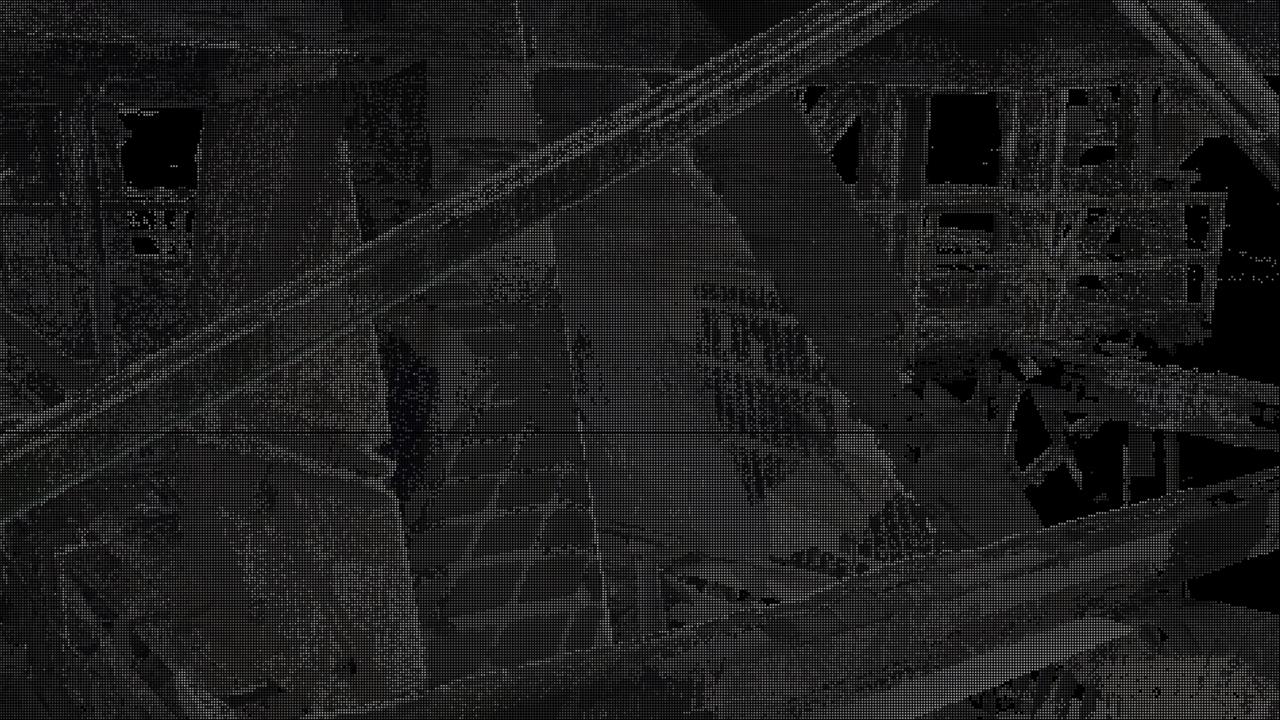


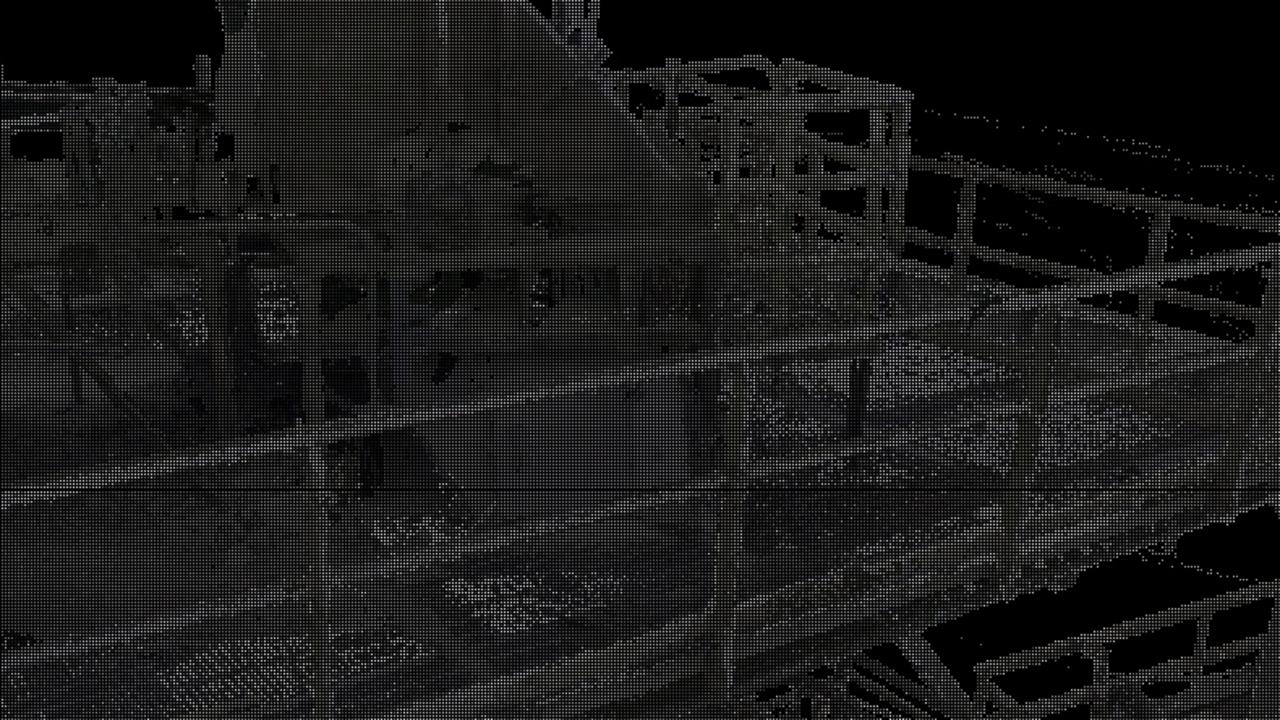


3D Laser Scan

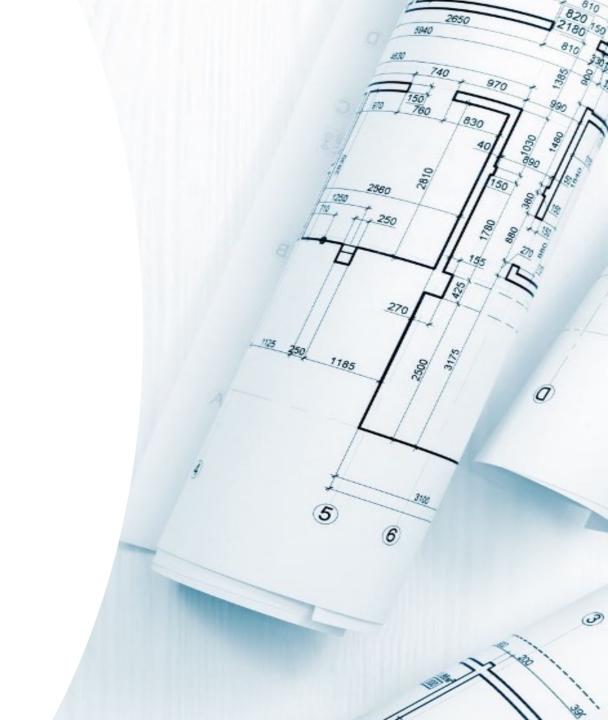


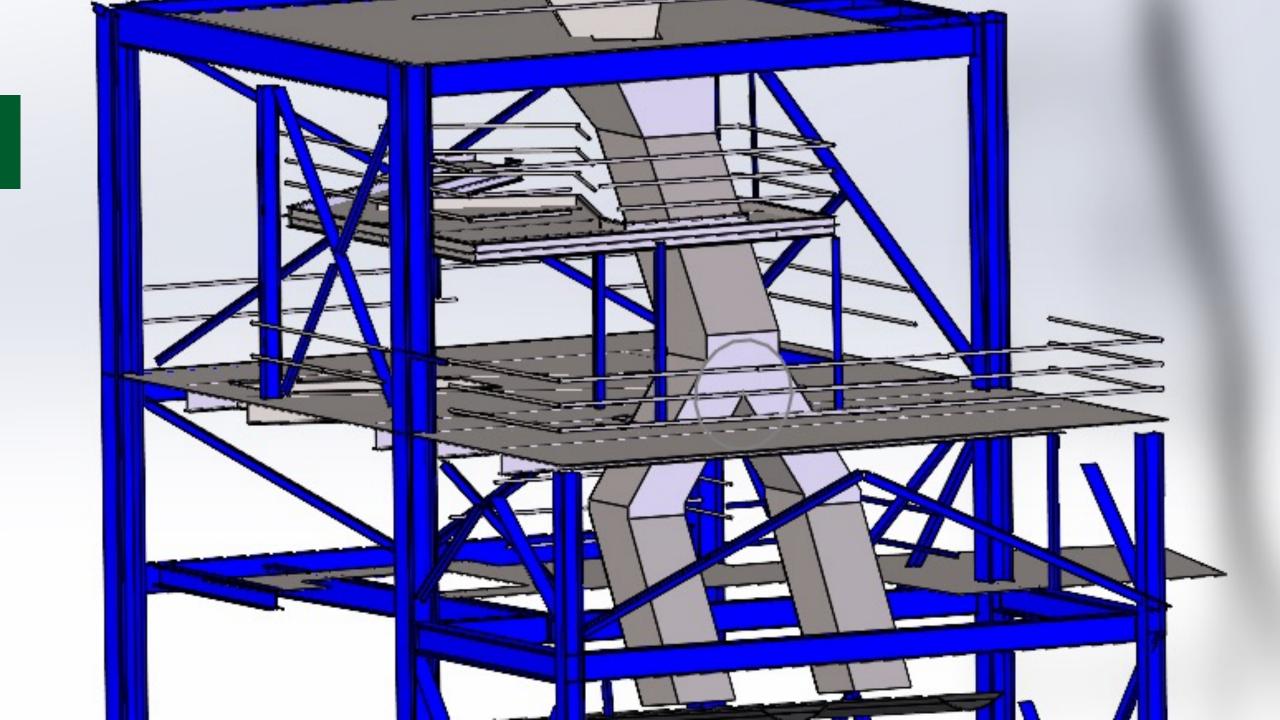


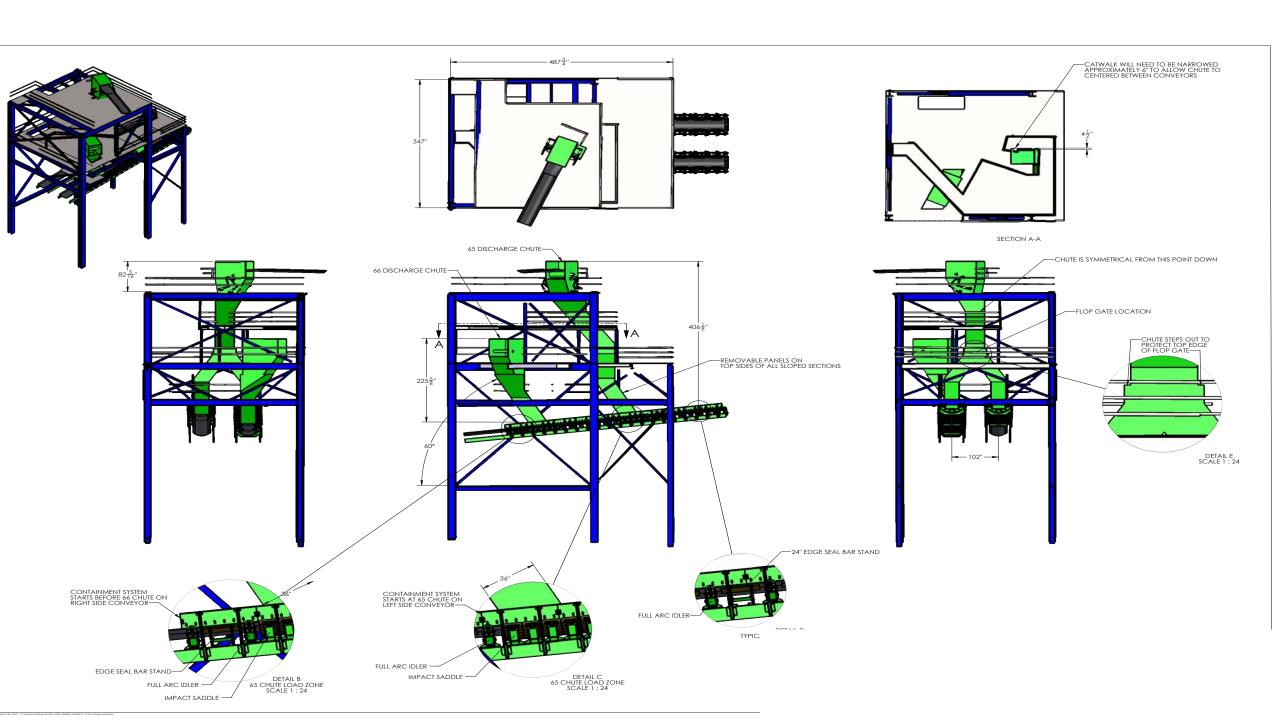


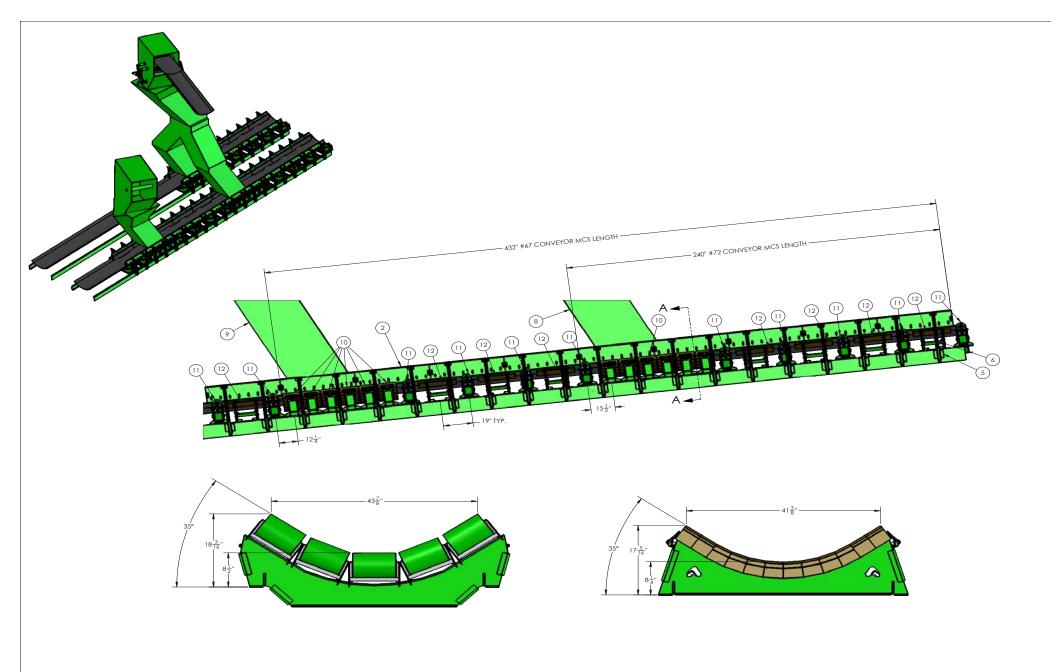


Modeling the Project

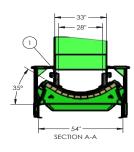


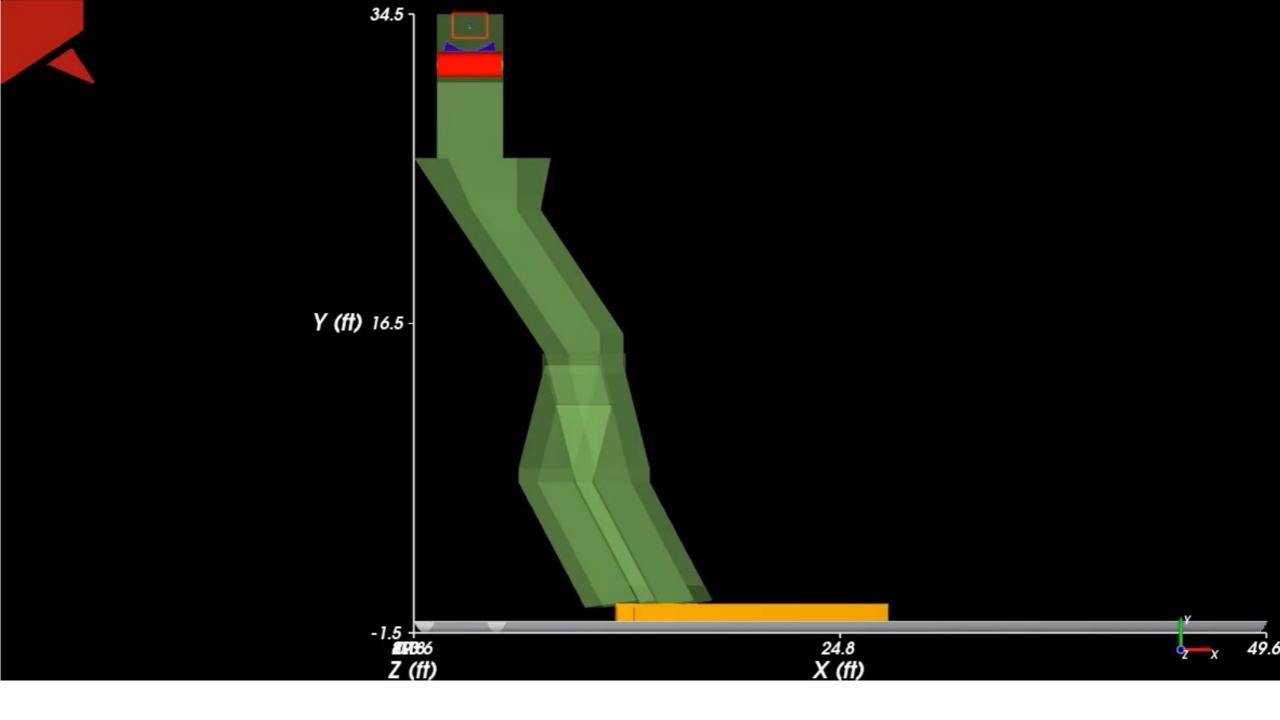


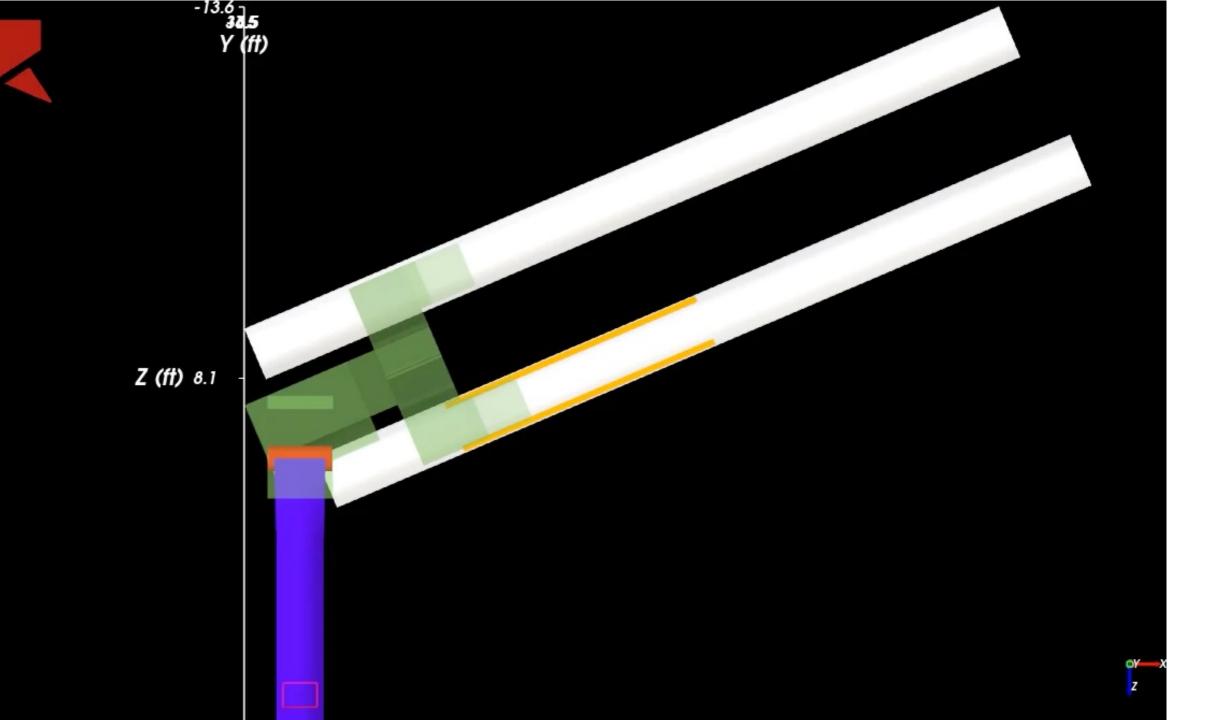


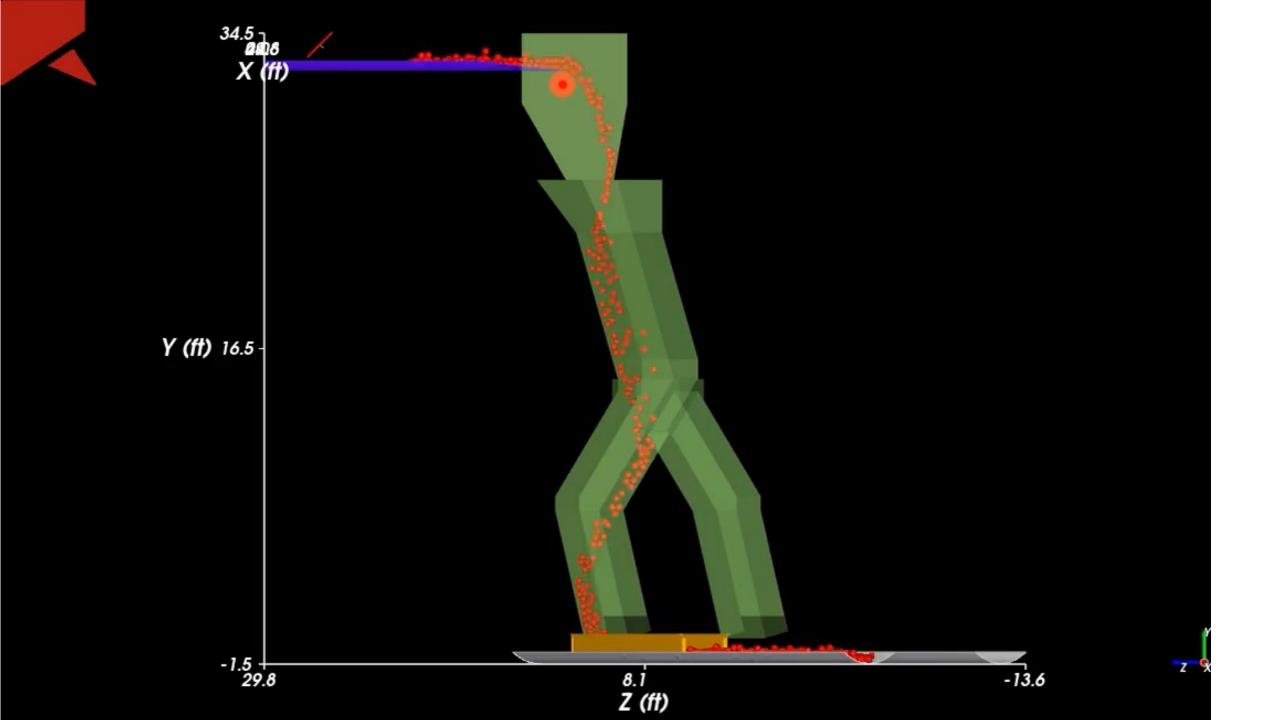


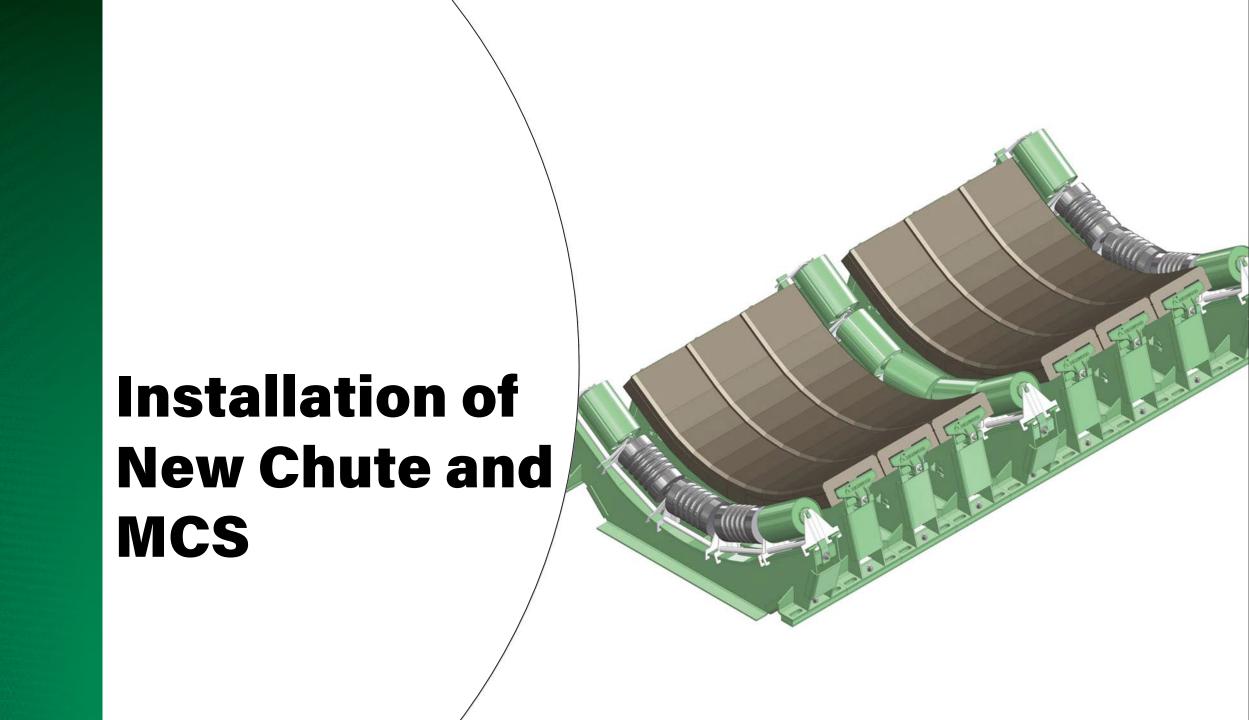
1	ITEM	QTY	DESCRIPTION			
	1	30	2.5"x10"x48" Rock Flex Canoe Liner with Studs			
	2	30	1/4"x12"x48" Skirt Board Assembly			
	5	60	ICS Mounting Bracket Assembly			
	6	60	Vertical Support Assembly w/o Tab - 36"			
	8	1	11-065 Discharge Chute			
	9	1	11-066 Discharge Chute			
	10	18	42"x35° Impact Saddle			
1	11	17	42"x35° Full Arc Idler			
	12	12	42" BW Edge Seal Bar Stand ~ 24" Segment			
			,			



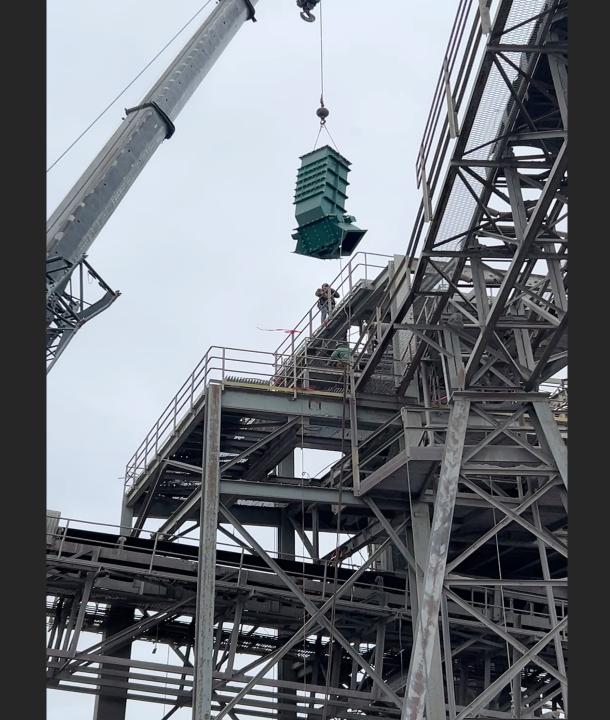






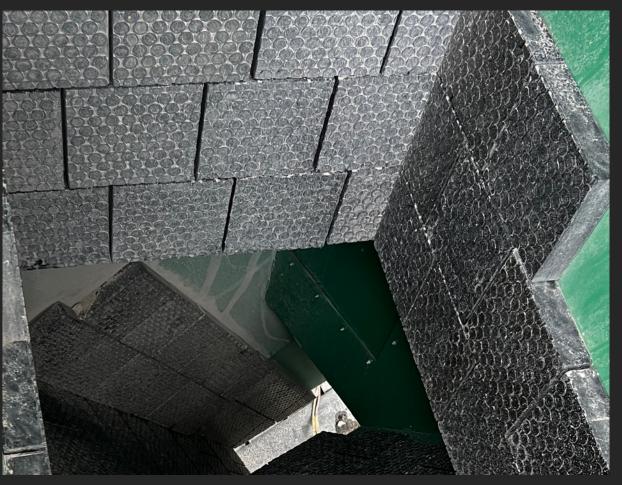












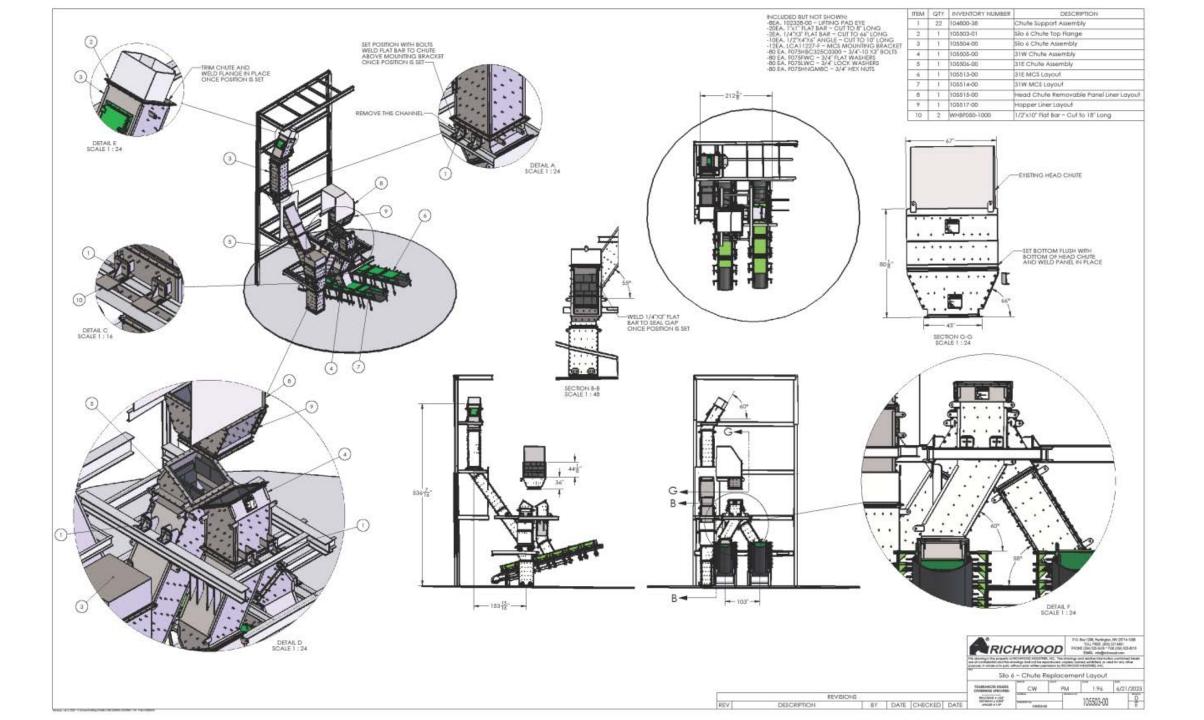


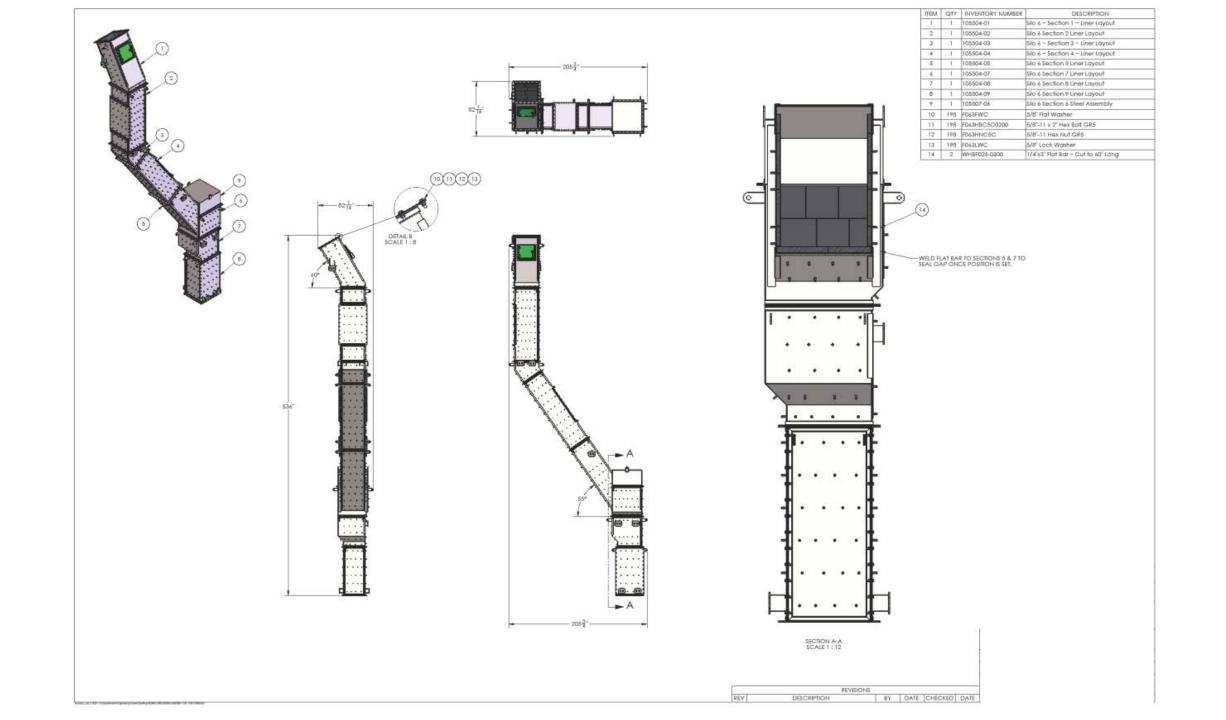
Power Plant Project 2024

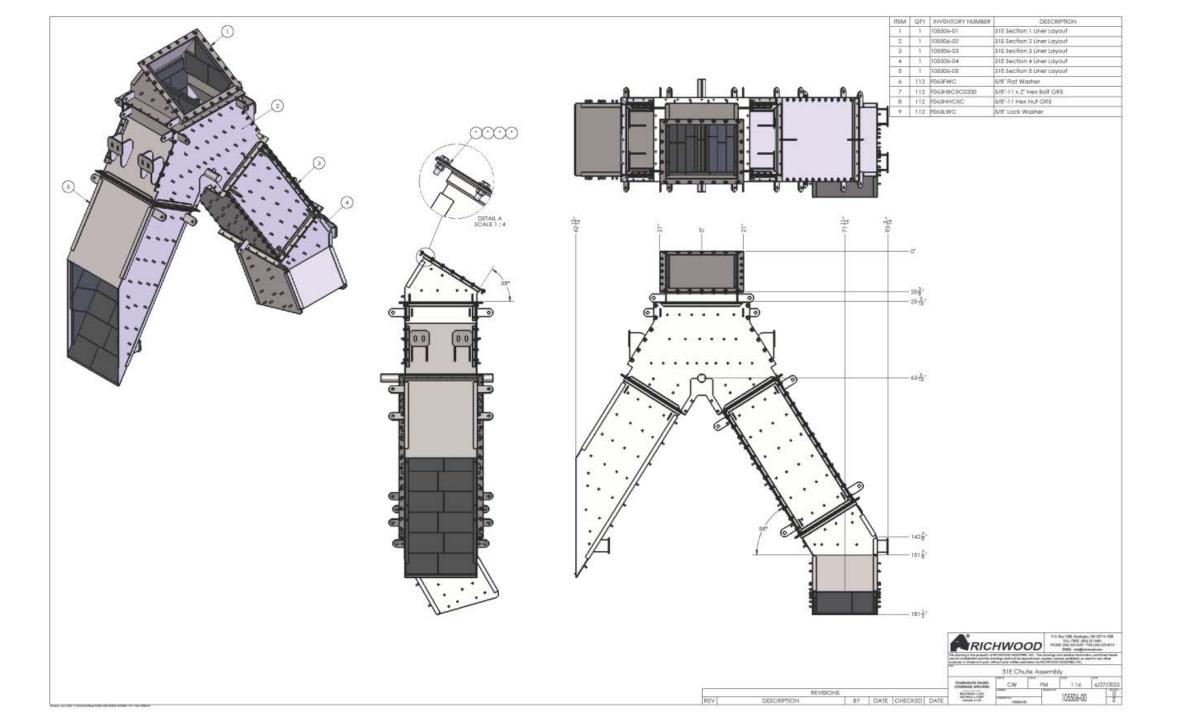
Material 3"-Clean Coal

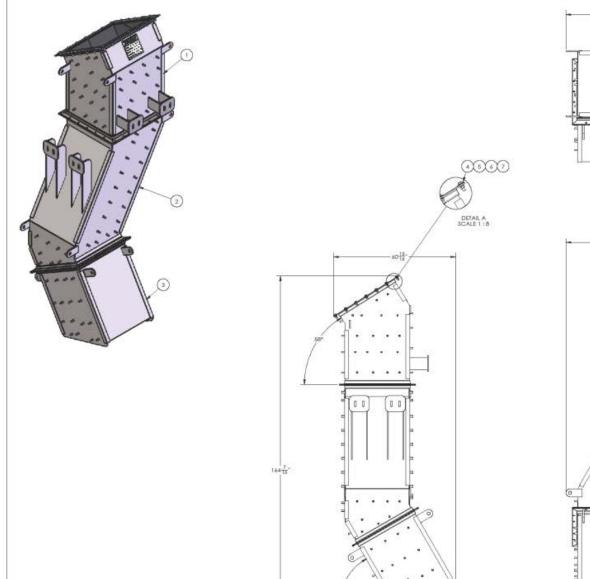
TPH 1800 TPH

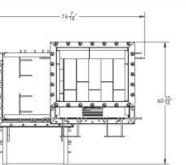
Belt Speed 720 fpm

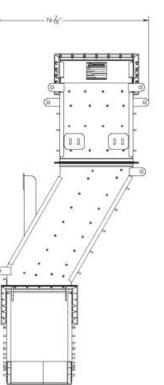






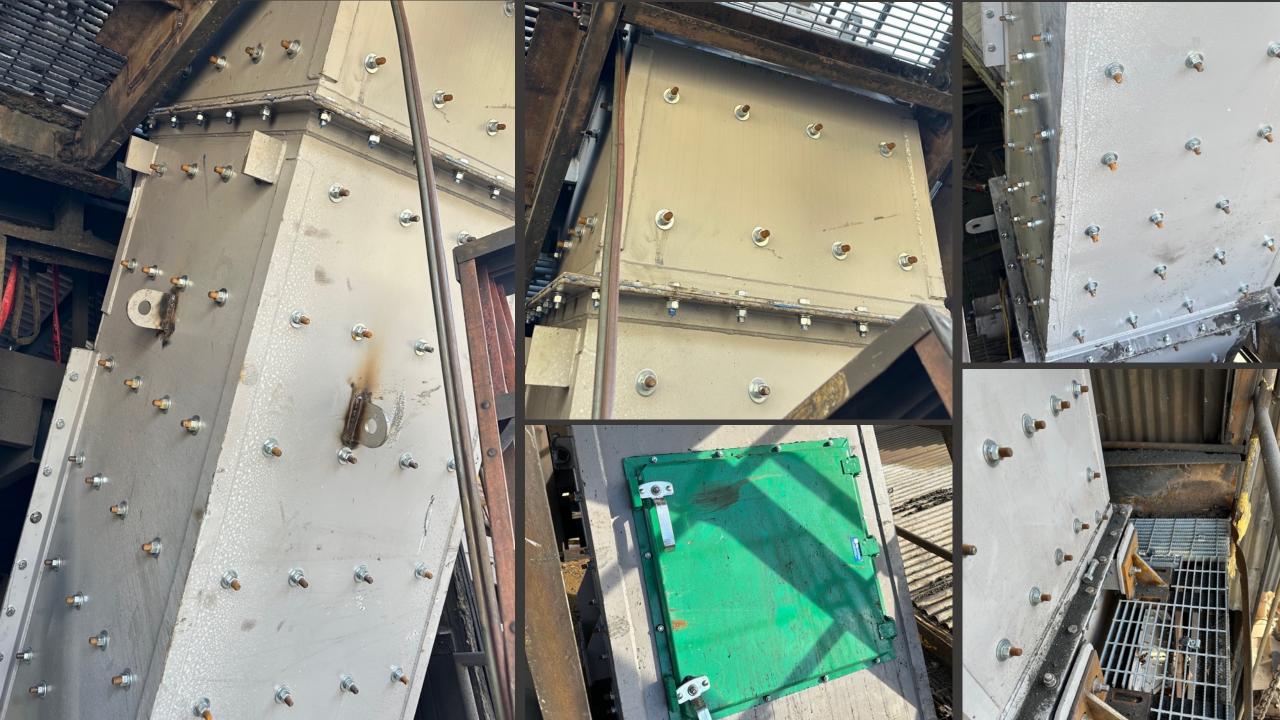


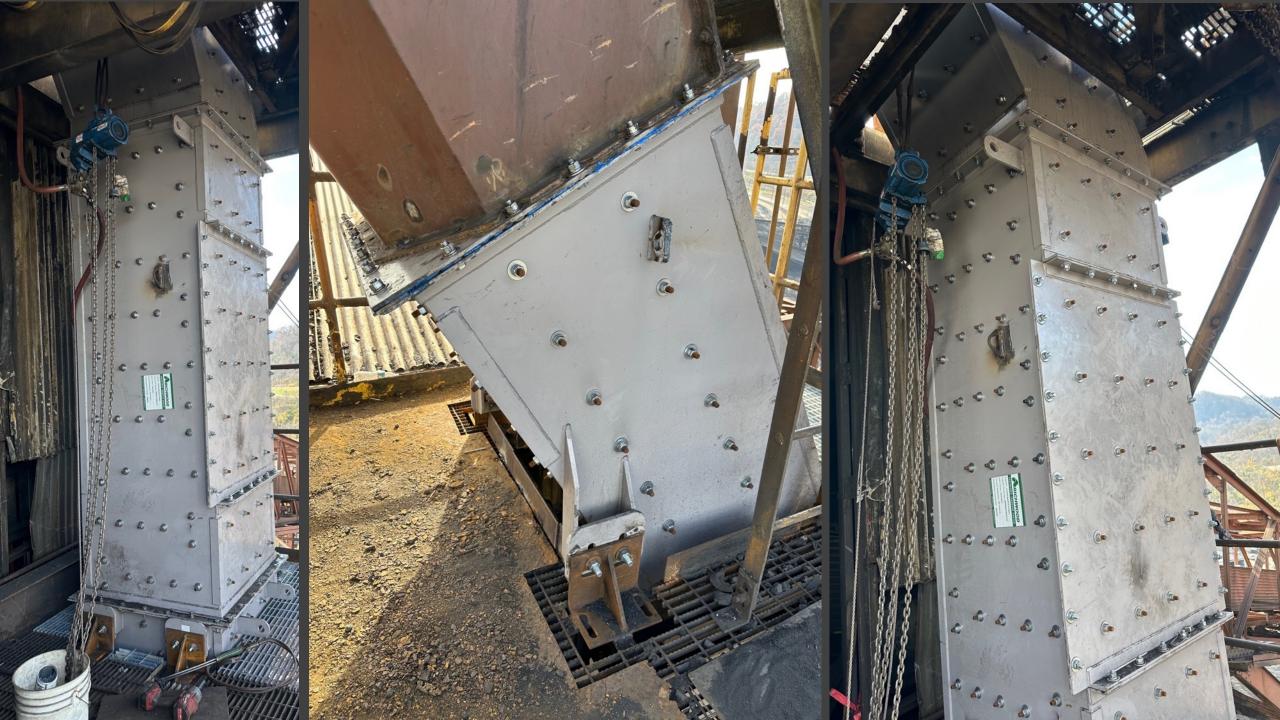




ITEM	QTY	INVENTORY NUMBER	DESCRIPTION
1	18	105505-01	31W Section 1 - Liner Layout
2	1	105505-02	31W Section 2 - Liner Layout
3	1	105505-03	31W Section 3 ~ Liner Layout
4	68	FD63FWC	5/8" Flat Washer
5	68	F063HBC5C0200	5/8"-11 x 2" Hex Bolt GR5
6	68	FD63HNC5C	5/8"-11 Hex Nut GR5
7	68	FD63LWC	5/8" Lock Washer

REVISIONS							
EV.	DESCRIPTION	BY	DATE	CHECKED	DATE		



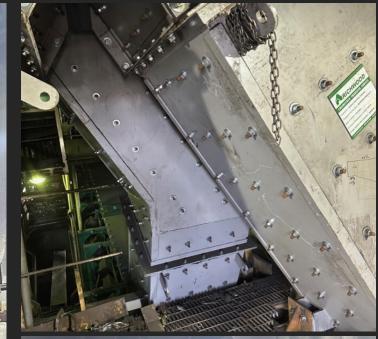




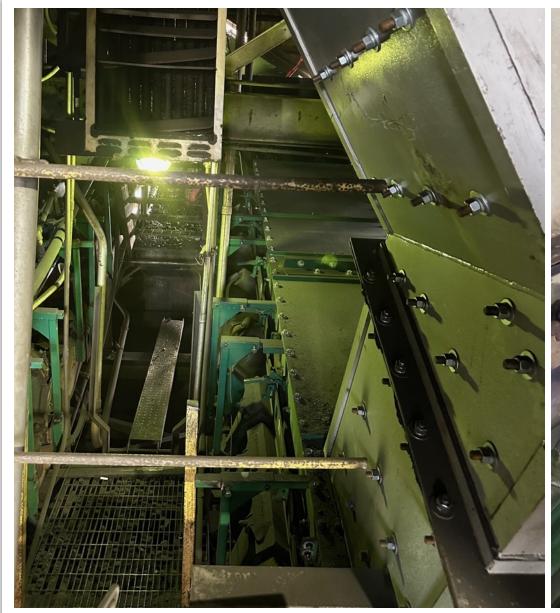












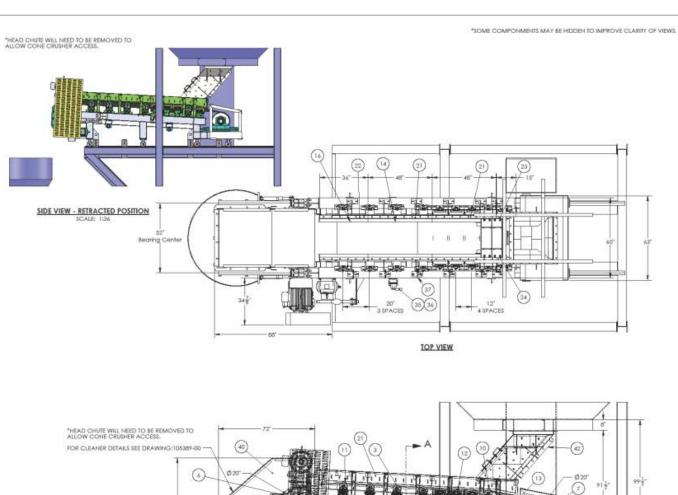


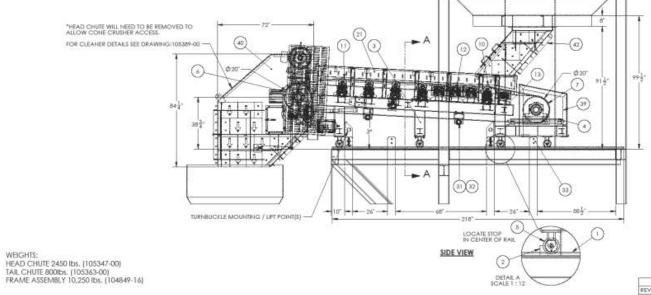
Granite Quarry Project 2024

Replacement of Vibrating Feeder with Richwood Conveyor and Chutes Material 4"- Granite

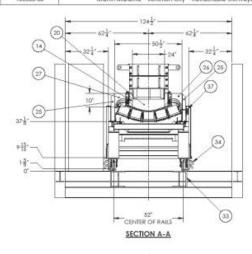
TPH 900

Belt Speed 475 fpm

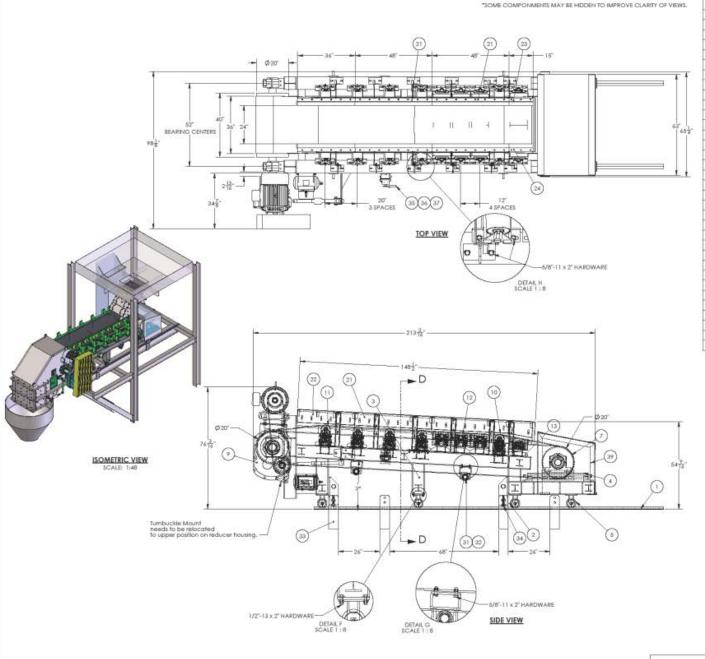


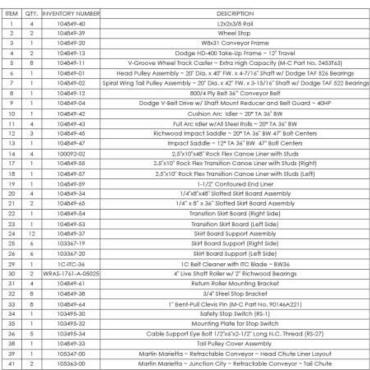


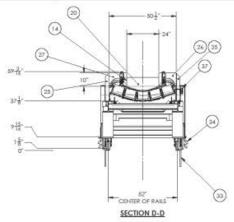
ITEM	QTY.	INVENTORY NUMBER	DESCRIPTION
Öt.	4	104849-40	L2x2x3/8 Rail
2	2	104547-39	Wheel Stop
3	1	104549-20	W8x31 Conveyor Frame
4	2	104849-13	Dodge HD-400 Take-Up Frame = 12" Travel
5	В	104849-11	V-Groove Wheel Track Caster - Extra High Capacity (M-C Part No. 2453T63)
6	1	104549-01	Head Pulley Assembly = 20" Dia. x 40" FW: x 4-7/16" Shaft w/ Dodge TAF 526 Bearings
7	. 1	104849-02	Spiral Wing Tail Pulley Assembly = 20" Dia. x 42" PW, x 3-15/16" Shaft w/ Dodge TAF 522 Bearings
ō	1	104849-12	800/4 Ply Belt 36" Conveyor Belt
9	1	104549-04	Dodge V-Belt Drive w/ Shaft Mount Reducer and Belt Guard ~ 40HP
10	1	104849-42	Cushion Arc Idler = 20" TA 36" BW
11	4	104849-43	Full Arc Idler w/All Steel Rolls - 20°TA 36° BW
12	.3	104849-45	Richwood Impact Saddle ~ 20" TA 36" BW 47" Bolt Centers
13	- 1	104849-47	Impact Saddle = 12" TA 36" BW 47" Bolt Centen
14	-4	100092-02	2.5"x10"x48" Rock Flex Cance Liner with Studs
16	2	100089-02	2.5'x10'x36' Rock Flex Canoe Liner with Studs
18	1	104849-55	2.5"x10" Rock Flex Transition Canoe Liner with \$tuds (Right)
19	1	104849-57	2.5'x10' Rock Rex Transition Conce Liner with Study (Left)
20	-1	104849-59	1-1/2" Confoured End Liner
21	4	104549-34	1/4"x8"x48" Slotted Skirt Board Assembly
22	2	104549-65	1/4" x 8" x 36" Slotted Skirt Board Assembly
23	1	104849-54	Transition Skirt Board (Right Side)
24	1	104849-53	Transition Skirt Board (Left Side)
25	12	104849-37	Skirl Board Support Assembly
26	- 6	103367-19	Skirt Board Support (Right Side)
27	-6	103367-20	Skirf Board Support (Left Side)
30	. 1	1C-fTC-36	1C Belt Cleaner with ITC Blade - BW36 / Drawing 105389-00)
31	2	WRAS-1761-A-05025	4" Live Shaft Roller w/ 2" Richwood Bearings
32	4	104549-61	Return Roller Mounting Bracket
33	8	104849-38	3/4" Steel Stop Bracket
34	8	104849-64	1" Bent-Pull Clevis Pin (M-C Part No. 90146A221)
35	1	103495-30	Safety Stop Switch (RS-1)
36	- 1	103495-32	Mounting Plate for Stop Switch
37	5	103495-34	Cable Support Eye Bott 1/2'x6'x2-1/2' Long N.C. Thread (RS-27)
39	1	104549-33	Tail Pulley Cover Assembly
40	1	105347-00	Marfin Marietta = Refractable Conveyor = Head Chute Liner Layout
42	2	105363-00	Martin Marietta - Junction City - Retractable Conveyor - Tail Chute



	REVISIO	ONS			
REV	DESCRIPTION	BY	DATE	CHECKED	DATE
.T.	RESEARCD FOR PRODUCTION	101	49 (988)	OIL	In13/3001







WEIGHTS: HEAD CHUTE 2450 lbs. (105347-00) TAIL CHUTE 800lbs. (105363-00) FRAME ASSEMBLY 10,250 lbs. (104849-16)

	REVISIONS				
REV	DESCRIPTION	BY	DATE	CHECKED	DATE
. T.	RELEASED FOR PRODUCTION	JDT	401/2020	OIL	1/13/200





















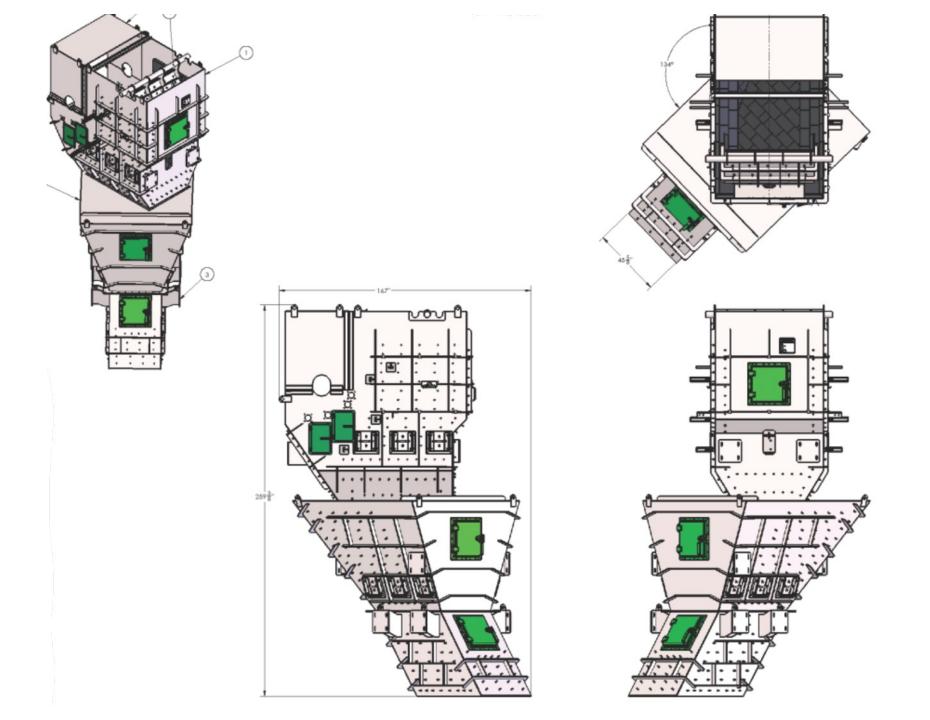


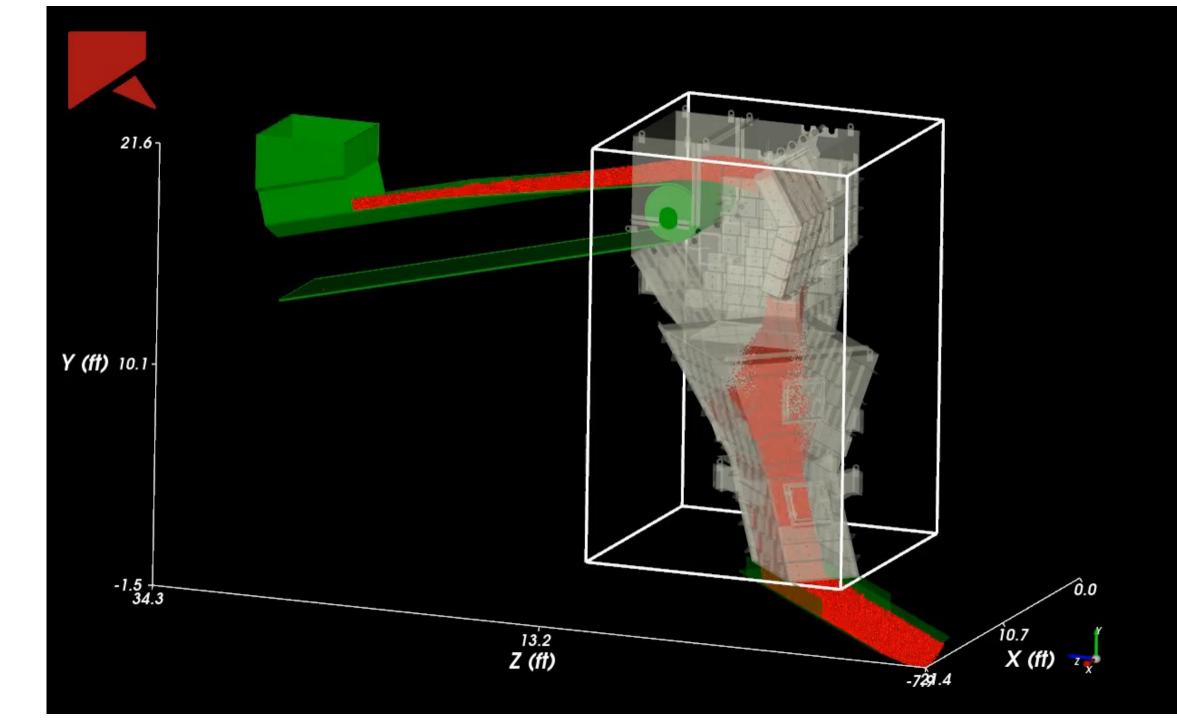
Copper Mine Project 2024

Replacement of Transfer Chute and Install MCS w/ Belt support Material Agglomerated Copper Ore

TPH 7200

Belt Speed 950fpm













Richwood Modular Wear Liners

- Protect chutes from wear from impact and abrasion.
- Reduce noise and dust levels.
- Modular wear panels make installation simple and easy.



RockPlate™ Wear Liners at Work

- 6" minus granite, tonnage of 600-800 TPH, height of fall 2'-6'
- Previously using 1" thick AR plate that lasted 3-4 months.
 Installation and repair required extensive cutting and welding.
- RockPlate[™] Wear Liners were recommended, 2 ½" thick x 6" high and 24" wide.
- Modular wear panels, in easy-to-handle sizes, make installation safer and easier.
- RockPlate[™] Wear Liners have provided a service life of four years at this location.
- RockPlate[™] eliminated installation issues with a bolt-on installation option.















Wear Liner Packages

- Wear liner recommendations are based on material flow and wear properties of the application
- When needed, replace only the highest wear areas
- Magnetic, bolt-on or weld-on attachment options
- Proprietary rubber blends provide long service life



Rely on Richwood for worry-free transfer solutions!

