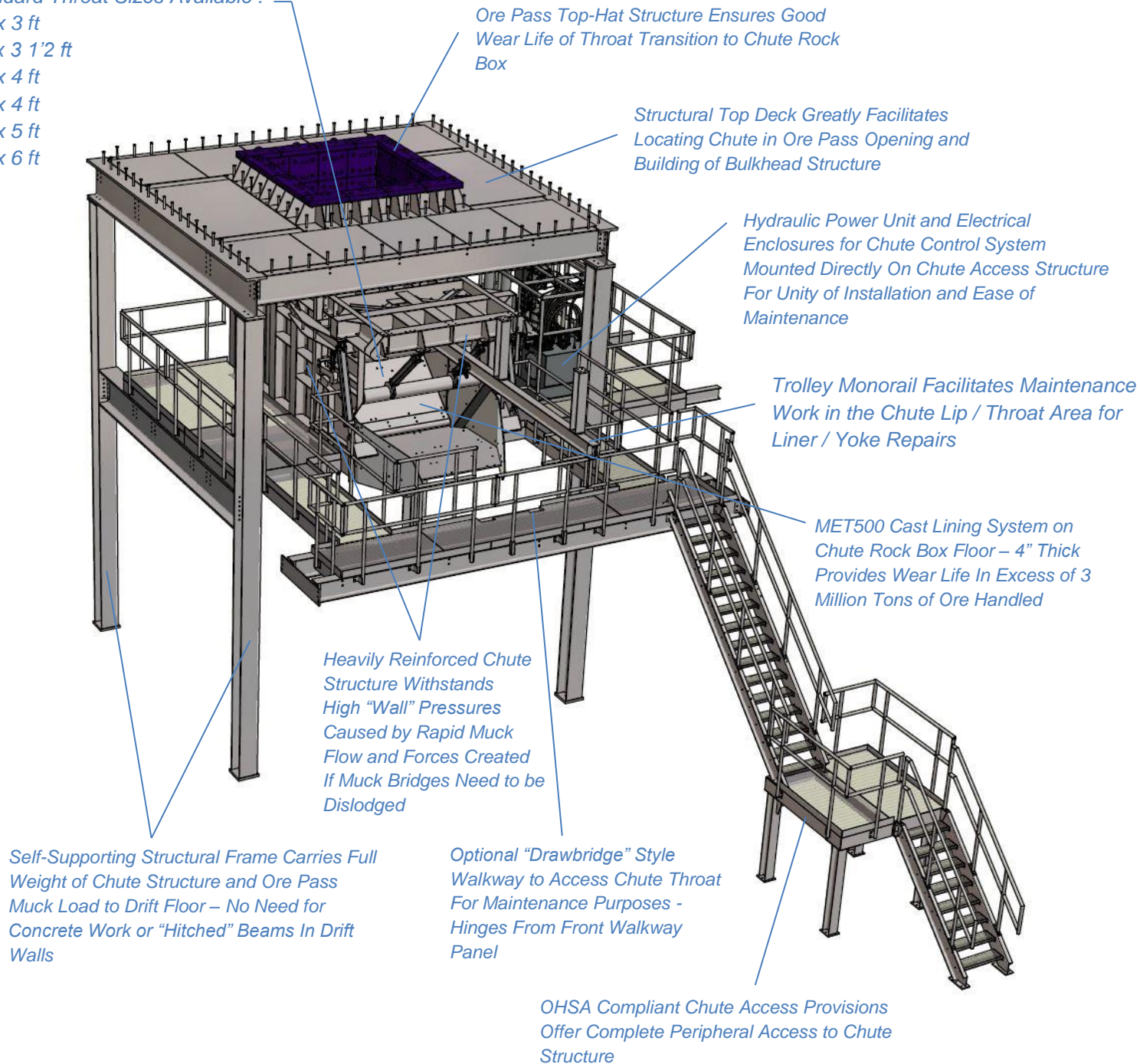


Standard Throat Sizes Available :

- 5 ft x 3 ft
- 6 ft x 3 1/2 ft
- 7 ft x 4 ft
- 8 ft x 4 ft
- 8 ft x 5 ft
- 9 ft x 6 ft



Ore Pass Top-Hat Structure Ensures Good Wear Life of Throat Transition to Chute Rock Box

Structural Top Deck Greatly Facilitates Locating Chute in Ore Pass Opening and Building of Bulkhead Structure

Hydraulic Power Unit and Electrical Enclosures for Chute Control System Mounted Directly On Chute Access Structure For Unity of Installation and Ease of Maintenance

Trolley Monorail Facilitates Maintenance Work in the Chute Lip / Throat Area for Liner / Yoke Repairs

MET500 Cast Lining System on Chute Rock Box Floor – 4" Thick Provides Wear Life In Excess of 3 Million Tons of Ore Handled

Heavily Reinforced Chute Structure Withstands High "Wall" Pressures Caused by Rapid Muck Flow and Forces Created If Muck Bridges Need to be Dislodged

Self-Supporting Structural Frame Carries Full Weight of Chute Structure and Ore Pass Muck Load to Drift Floor – No Need for Concrete Work or "Hitched" Beams In Drift Walls

Optional "Drawbridge" Style Walkway to Access Chute Throat For Maintenance Purposes - Hinges From Front Walkway Panel

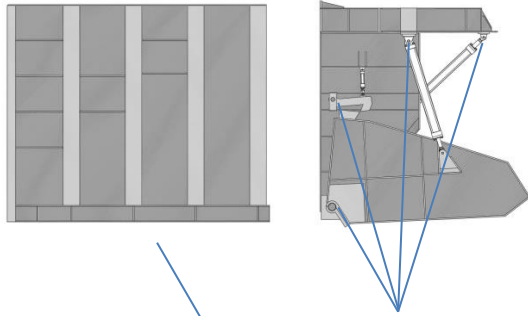
OHSA Compliant Chute Access Provisions Offer Complete Peripheral Access to Chute Structure

Optional Features :

- Automatic Greasing Station Providing Coverage to all Chute Pivot Locations
- Emergency Shut-Down System For Chute In Run-of-Muck Situations
- Mud Rush Gate on Chute Throat For Ore Passes With High Water Content
- Pneumatic Chute Control System

In-Line Loading Chute Technology

Modular Design Allows For Operational Flexibility

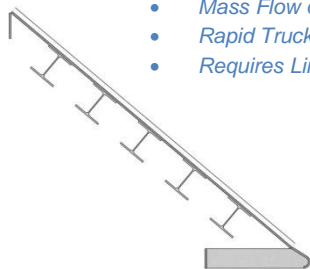


Replaceable Bushings at all Pivot Points Facilitates Chute Rehabilitation When Relocating Loading Chute to a New Location

- Full ore pass burden and entire chute weight carried by rock box support beams
- Loading chute module easily detaches from rock box and transported to another rock box installation
- Sequential ore pass haulage point development costs are greatly reduced by transferring loading chute module to new location once existing haulage point is decommissioned

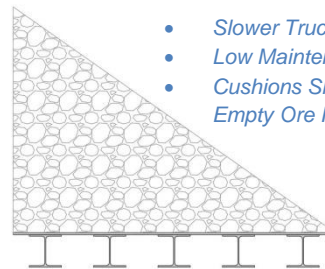
Rock Box Floor Designs

Inclined Style – 45 / 50 / 55 degrees



- Mass Flow of Muck
- Rapid Truck Filling Rates
- Requires Lining System For Chute Protection

Flat – Dead-Bed Style



- Slower Truck Filling Rates
- Low Maintenance Requirements In Rock Box
- Cushions Shock Load When Muck Is Dumped Into An Empty Ore Pass

Material Builds-Up To Angle of Repose (30 – 40 degrees)

Liner Plate Options

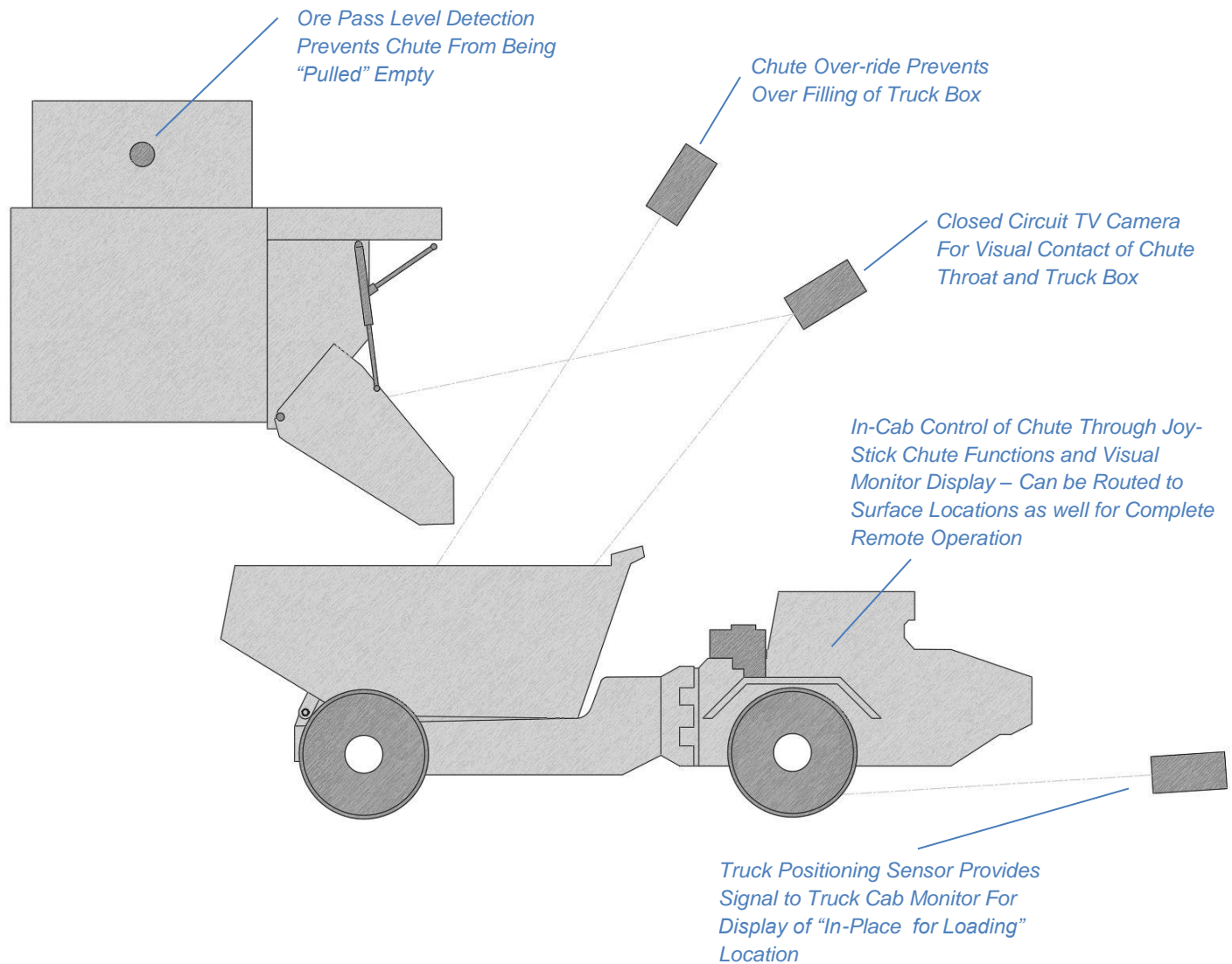
Liner plate materials are offered in two options :

Quenched and Tempered (QT) plate – hardness range of 400 to 500 brinell offered in thickness range from 3/4” (19 mm) to 1 1/2” (38 mm) – beyond this thickness range, Wabi recommends its cast MET500 lining option. Due to the inherent characteristic of thick QT plate materials known as “core softness”, liner wear rapidly accelerates as the surface layer of the material is worn away exposing successively softer layers of material – core softness can represent a change of 100 brinell points of hardness in relation to surface hardness values.

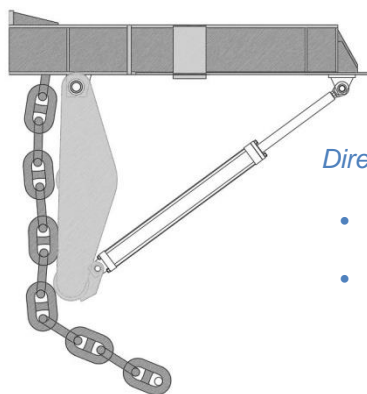
MET500 Cast Liner Plates – a high nickel content provides significant toughness to this cast material while maintaining a “through-hardness” value of 500 brinell for section thicknesses between 2” (51 mm) and 4” (102 mm). Highly recommended for rock box lining systems where replacement of liner plates is difficult and hazardous once the chute has been in operation for a period of time.

In-Line Loading Chute Technology

Automated / Remote Chute Control Features

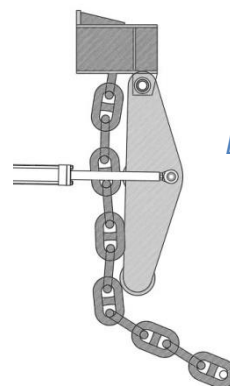


Press Frame Control Configurations Available



Direct Loading Actuator

- High Thrust Loading of Actuator Into Chain Curtain
- Lower Hydraulic System Working Pressure Required Due to Full Working Bore Exposure of Actuator (i.e. Cylinder Extends When Closing Press Frame)

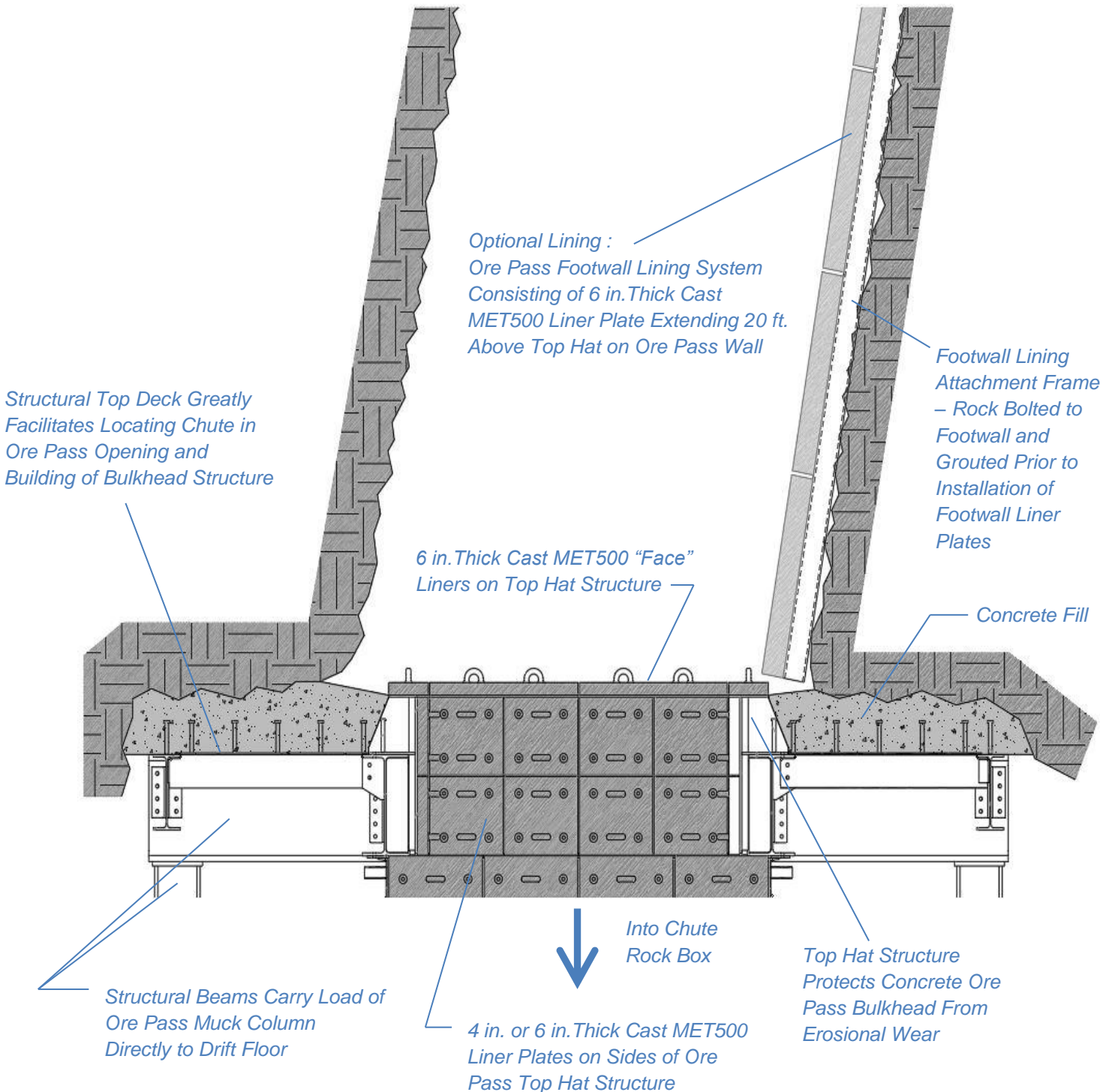


External Mount Actuator

- Simple Replacement of Actuator From Outside of Chute
- Actuator Not Exposed to Muck Stream
- Higher Working Pressure Required for Hydraulic System Due to Annular Working Bore on Actuator (i.e. Cylinder Retracts When Closing Press Frame)

In-Line Loading Chute Technology

Ore Pass Throat Design



Wabi Iron & Steel Corp.....a proud century of engineering innovation

330 Broadwood Avenue, P.O. Box 1510, New Liskeard, ON, P0J 1P0

Telephone No. 705-647-4383

E.Mail sales@wabicorp.com

www.wabicorp.com