

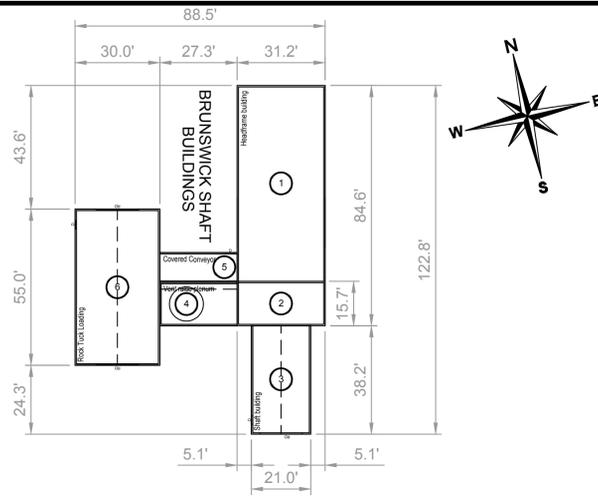
Brunswick Shaft Buildings

~6,700 ft²

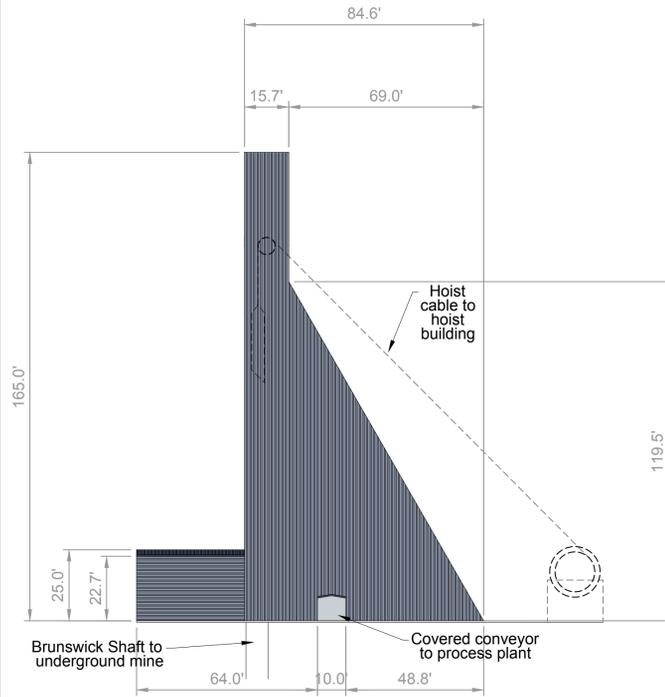
Brunswick Shaft used for hoisting rock from underground to surface, for exhaust ventilation from the underground mine, and for secondary/emergency escape of mine personnel.

- ① **Headframe over rock silo**
~2,100 ft²
Steel structure of headframe constructed over existing concrete rock silo and building cladding encloses entire headframe. Headframe is a structure used to support hoisting cables to raise rock skips and cages from underground mine to surface. Rock skips transfer broken rock into concrete silo for temporary storage. Gold mineralization in silo is conveyed to process plant and barren rock is transferred to the truck loading building.
- ② **Headframe over shaft**
~500 ft²
Exhaust ventilation air from underground mine is directed from the Brunswick shaft up through the headframe to the opening at the top of the headframe ~165 feet above surface.
- ③ **Shaft Building**
~700 ft²
Building attached to headframe building at shaft to provide mustering area for entering shaft conveyance. Doors of building to be well sealed and remain closed to force mine ventilation up headframe to exhaust.
- ④ **Ventilation Raise Plenum**
~400 ft²
Building covers parallel raise-bored ventilation shaft to underground mine and connects to headframe building to allow air to exhaust from headframe.
- ⑤ **Covered Conveyor**
~300 ft²
Building covers conveyor which transfers barren rock from the concrete silo to the truck loading building for loading of rock into trucks. Conveyor area separated from ventilation raise plenum by airtight wall.
- ⑥ **Rock Truck Loading**
~1,700 ft²
Building covers trucks during loading via conveyor. Bay doors on ends on each end of buildings allows one way travel of trucks through building.

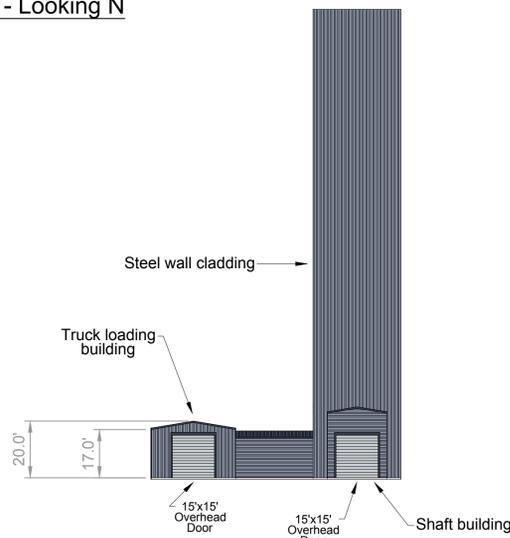
Brunswick Shaft Plan View



Brunswick Shaft Side View - Looking W



Brunswick Shaft Front View - Looking N

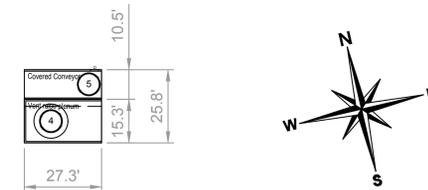


Building Notes

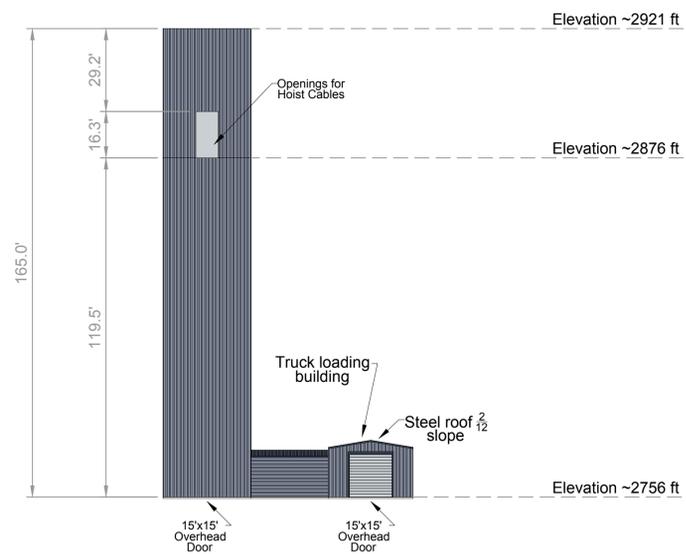
- Pre-engineered steel buildings.
- Buildings to have clear spans - No mid columns.
- Concrete slab floors with machinery foundations.
- Steel cladding on roofs and walls.
- Non-reflective / non metallic paint.

- Roof color**
Charcoal Gray
- Wall color**
Slate Gray
- Door color**
Light Gray

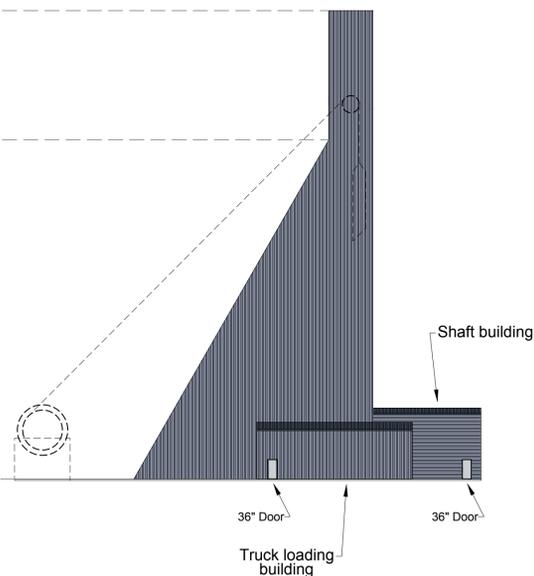
Conveyor & Ventilation Raise Building - Plan View



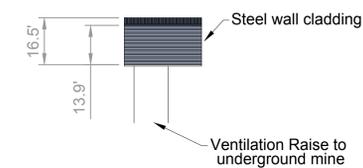
Brunswick Shaft Back View - Looking S



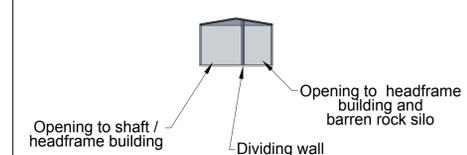
Brunswick Shaft Side View - Looking E



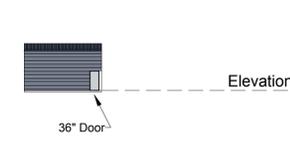
Conveyor Building - Front View Looking N



Conveyor Building - Front View Looking W



Conveyor Building - Back View Looking S



Conveyor Building - Front View Looking E

