Process Plant - Main Building
~29,000 ft²

1. Covered Conveyor
   Conveyor transfers gold mineralization from Brunswick shaft silo into grinding section of process plant. Conveyor fully enclosed.
2. Grinding Section
   ~8,000 ft²
   Wet grinding of ore by SAG and ball mills. Gravity separation of gold with gravity concentrate transferred to gold room.
3. Flotation Section
   ~12,000 ft²
   Ground slurry transferred to flotation section. Froth flotation separates sulphide minerals which are filter pressed. Dry concentrate loaded into bags for shipment offsite. Sand tailings slurry transferred to tailings thickener.
4. Paste Backfill Section
   ~5,000 ft²
   Backfill plant includes dewatering of sand tailings to produce either sand tailings for use as engineered fill or cemented paste backfill which is transferred into the underground mine through boreholes.
5. Sand Tailings Storage
   ~4,000 ft²
   Indoor storage of dry sand tailings when direct loading of trucks not possible. Use of diesel powered front end loaders to move material in day time hours. Ventilation system for safe use of diesel equipment during loading operations.
6. Sand Loading Bay
   Drive-through bay to directly load trucks with dry sand tailings. Interior sound barriers to block noise from adjacent sections while overhead doors open.

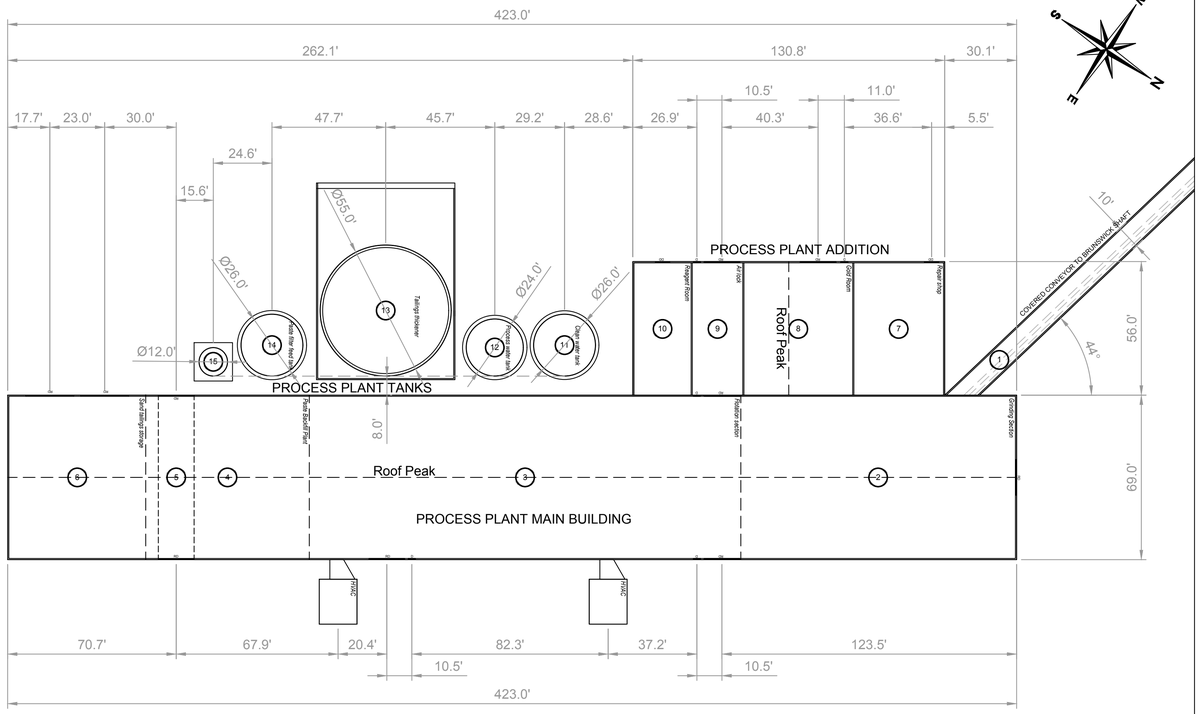
Process Plant - Addition Building
~7,300 ft²

7. Repair Shop
   ~2,100 ft²
   Repair shop for millwrights and electricians
8. Gold Room
   ~2,600 ft²
   Cleaning of gravity concentrates using gravity machinery, water, and small furnace to produce gold dore bars.
9. Main Entry Airlock
   ~1,200 ft²
   Main entry to Process Plant. Airlock provides entry and minimizes noise from plant outside during machine or person entry to building.
10. Reagent Room
    ~1,400 ft²
    Storage area and metering of flotation reagents.

Process Plant - Tanks

11. Clean Water Tank
    26 ft dia x 30 ft height
    Treated mine water to makeup water loss from plant.
12. Process Water Tank
    24 ft dia x 30 ft height
    Water in process plant re-circulated / recycled
13. Tailings thickener
    55 ft dia x 30 ft height
    Partial de-watering of sand tailings. Decanted water to process water tank, sand tailings slurry to Paste Filter Feed Tank.
14. Paste Filter Feed Tank
    26 ft dia x 30 ft height
    Storage for partially de-watered sand tailings
14. Cement Silo
    12 ft dia x 40 ft height
    Storage for cement used in cemented paste backfill for underground filling.

Process Plant - Plan View



Building Notes

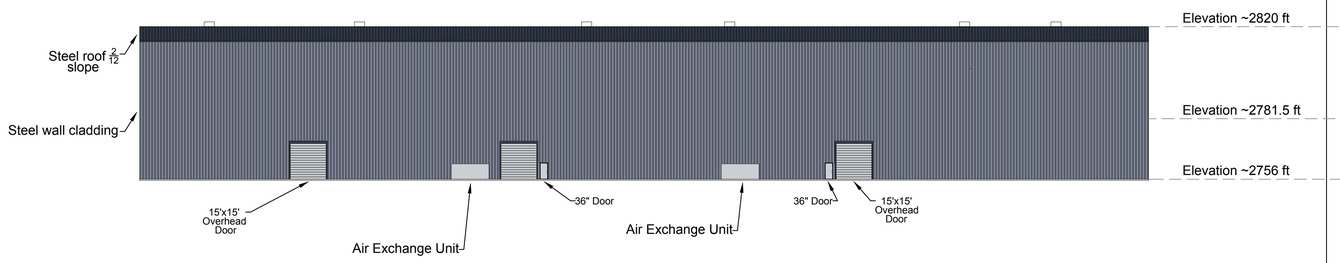
- Pre-engineered steel buildings.
- Buildings to have clear spans - No mid columns.
- Concrete slab floors with machinery foundations, sumps, and catchments as necessary.
- Steel cladding on roofs and walls.
- Non-reflective / non metallic paint.

Roof color
Charcoal Gray

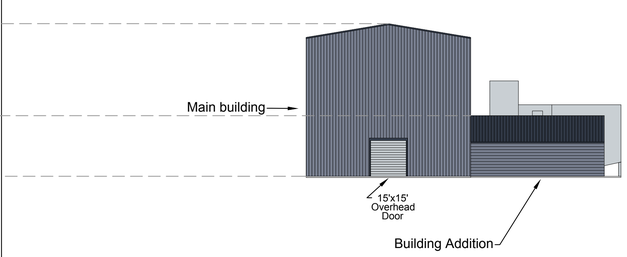
Wall color
Slate Gray

Door color
Light Gray

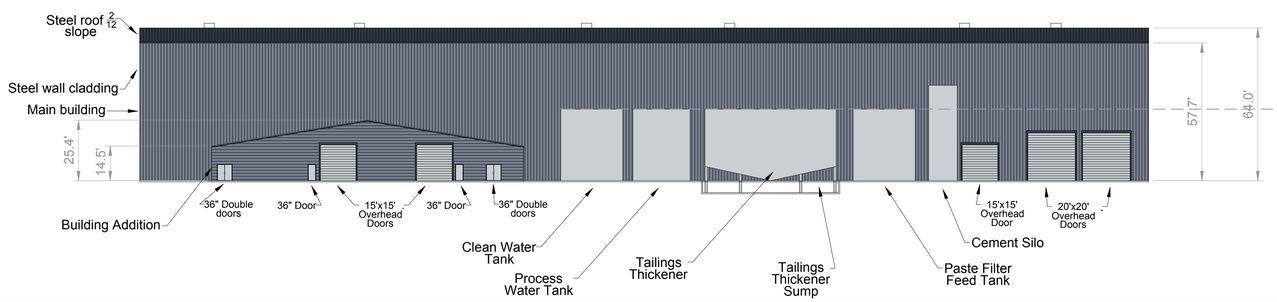
Process Plant - Front View Elevation - Looking SW



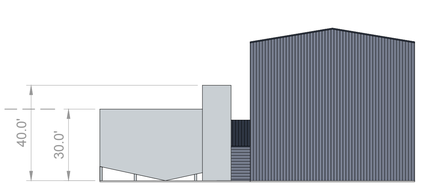
Process Plant - Side View Elevation - Looking SE



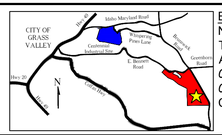
Process Plant - Rear View Elevation - Looking NE



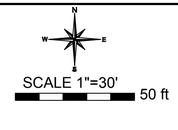
Process Plant - Side View Elevation - Looking NW



Idaho-Maryland Mine Project
Rise Grass Valley Inc.
PO Box 271
Grass Valley, California, USA 95945



Brunswick Industrial Site
Nevada County, SEC. 31, T.16N, R.9E., M.D.M
Total Area = 118.93 Acres
Assessor Parcel Numbers:
09-630-37, 09-630-39, 09-441-03, 09-441-04, 09-441-05, 09-441-34
Current Zoning M1-SP / Proposed Zoning M1-ME



B301 *Brunswick Industrial Site*
Processing Plant Buildings
Building details and elevations

Drawnby : Rise Grass Valley - Nov 11 / 19 | Scale : 1" = 30 feet