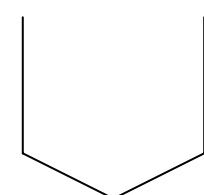
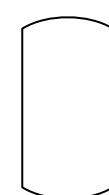


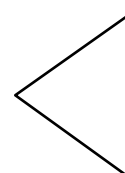
SODIUM CALCINER



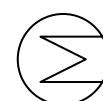
Solids Storage Bin



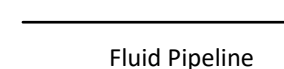
Flash Drum



Divider



Cooler



Fluid Pipeline



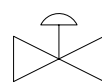
Fluid Feed Pipeline



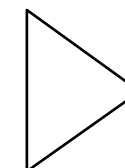
Solids Conveyor



Reactor



Feed Control Valve



Fluids Mixer

Notes:

- Reactor R-5 is a Direct Separation Reactor
- BIN-2 stores the finished sodium carbonate product
- Detailed process control and instrumentation omitted at present