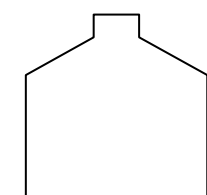
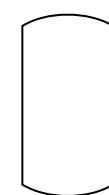


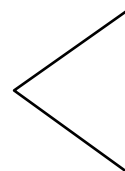
SLAKER & BUBBLE COLUMN



Fluid Storage Tank



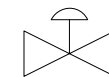
Flash Drum



Divider



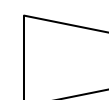
Heater



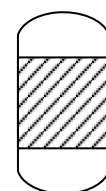
Feed Control Valve



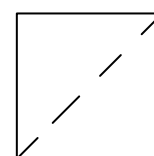
Cooler



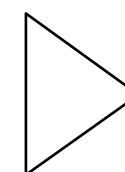
Compressor



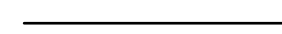
Reactor



Filter



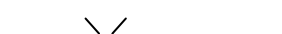
Fluids Mixer



Fluid Pipeline



Fluid Feed Pipeline



Solids Conveyor



Cooling Water Utility



Steam Utility

Notes:

- TANK-1 contains brine feed. Processing and purification of brine feed omitted at present.
- Final processing (further purification, compression, heating/cooling) of CO₂ to be sequestered is omitted at present
- Reactor R-3 is a Stirred Tank Reactor
- Reactor R-4 is a Bubble Column
- Detailed process control and instrumentation omitted at present
- Detailed heat integration omitted at present.
- Steam utility assumed to come from an on-site boiler.