Proposed Design Revision Review

1. Revise Take-Up Units
2. Replace brass components with Nitronic 60
3. Revise insert design from circular to square
4. Make pneumatic take ups to allow a tighter gap between drum
5. Revise pneumatic take up cover to allow “field friendly” installation
6. Prevent Gear Guard Leaks
   1. Add an overlap flange to bridge seams between guard pieces.
7. Prevent Pinion Assy leaks and avoid custom machining
   1. Guard above will have an overlap flange
   2. Make shaft/gear adjustable
      1. Need to develop ideas, work w/Jodi, etc
   3. Add overflow assembly to allow collected oil to escape
8. Dough ball cable components/design updated.
   1. Update arms to be heavy duty spring loaded
9. Shaft connections need proper sizes and tolerances that fit.
10. Drum and attached components need to assemble universally and in set locations
    1. Make a uni-body frame for all components to attach to
11. Steam shield connections can’t interfere with drum
    1. Revise design shields, mounts, pieces, etc to keep clear of drum
12. Mash ribbon can potentially rub drum
    1. Revise step down sections of flites giving more clearance.
13. Flake break auger teeth are breaking
    1. Work on new teeth design that minimizes tooth breakage
14. Control mount arm has flaws
    1. Revise mounting location for mount
    2. Update plate thickness to ¼
15. Ensure that fans are functional and quiet
    1. Possibly resize
    2. Look into other fan sources
16. Past drum drawings have a few re-occurring anomalies errors
    1. Incorporate comments from redlined drawings
    2. Work with shop to ensure current design and parts are specified