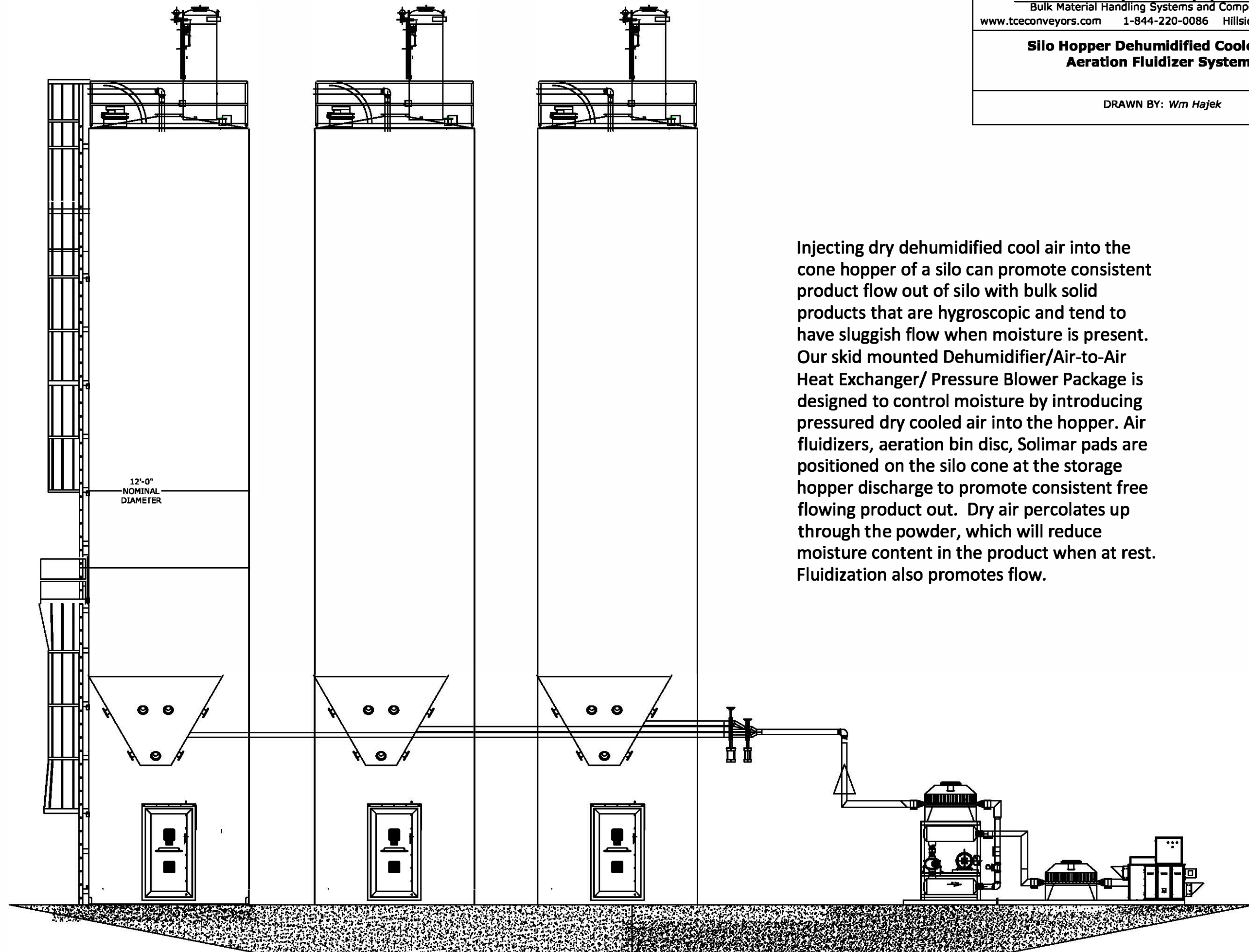


**Silo Hopper Dehumidified Cooled Air
Aeration Fluidizer System**

DRAWN BY: *Wm Hajek*



Injecting dry dehumidified cool air into the cone hopper of a silo can promote consistent product flow out of silo with bulk solid products that are hygroscopic and tend to have sluggish flow when moisture is present. Our skid mounted Dehumidifier/Air-to-Air Heat Exchanger/ Pressure Blower Package is designed to control moisture by introducing pressured dry cooled air into the hopper. Air fluidizers, aeration bin disc, Solimar pads are positioned on the silo cone at the storage hopper discharge to promote consistent free flowing product out. Dry air percolates up through the powder, which will reduce moisture content in the product when at rest. Fluidization also promotes flow.