1. Tile base to be made of full-fired alumina 96% pure or higher.
2. Tile base to be hermetic in helium leak-test at UC to 5 x 10E- 10CC/SEC.
3. To facilitate hermetic sealing of the pins during assembly air-firing at ~1600 C for 2-4 hrs. may eliminate micro-cracking due to grinding.
4. A chamfer on the holes for the pins on the outside of the wall may also facilitate hermetic sealing and is at the discretion of the brazing house (see detail C).
5. Tol. - .xxx ± + .010" .xx ± + .020" Except as noted

University of Chicago

Green Trim
Ceramic Tile Base

DRAWN nmonthrop 11/10/2015
CHECKED
QA
NFG
APPROVED

SIZE B
DWG NO CeramTB111015revC
REV C

SCALE SHEET 1 OF 1