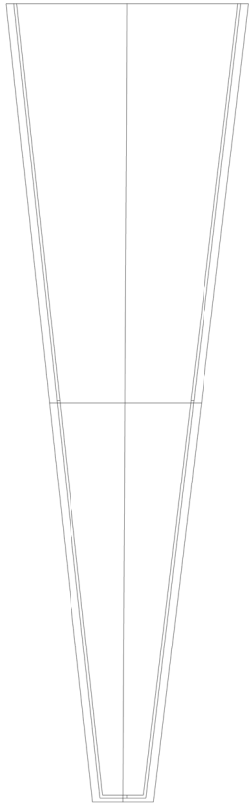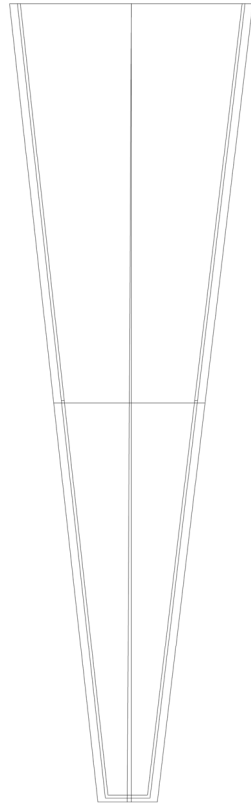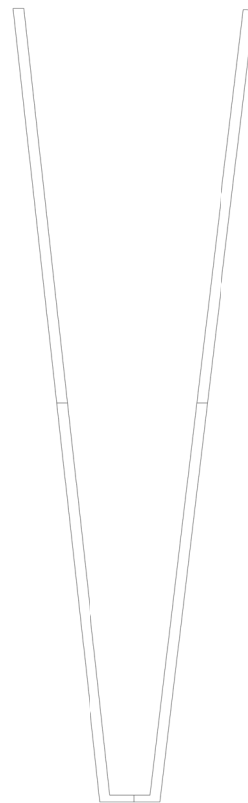12.47 14.40

outside frame without union   with panel - no union   outside frame union   pattern1