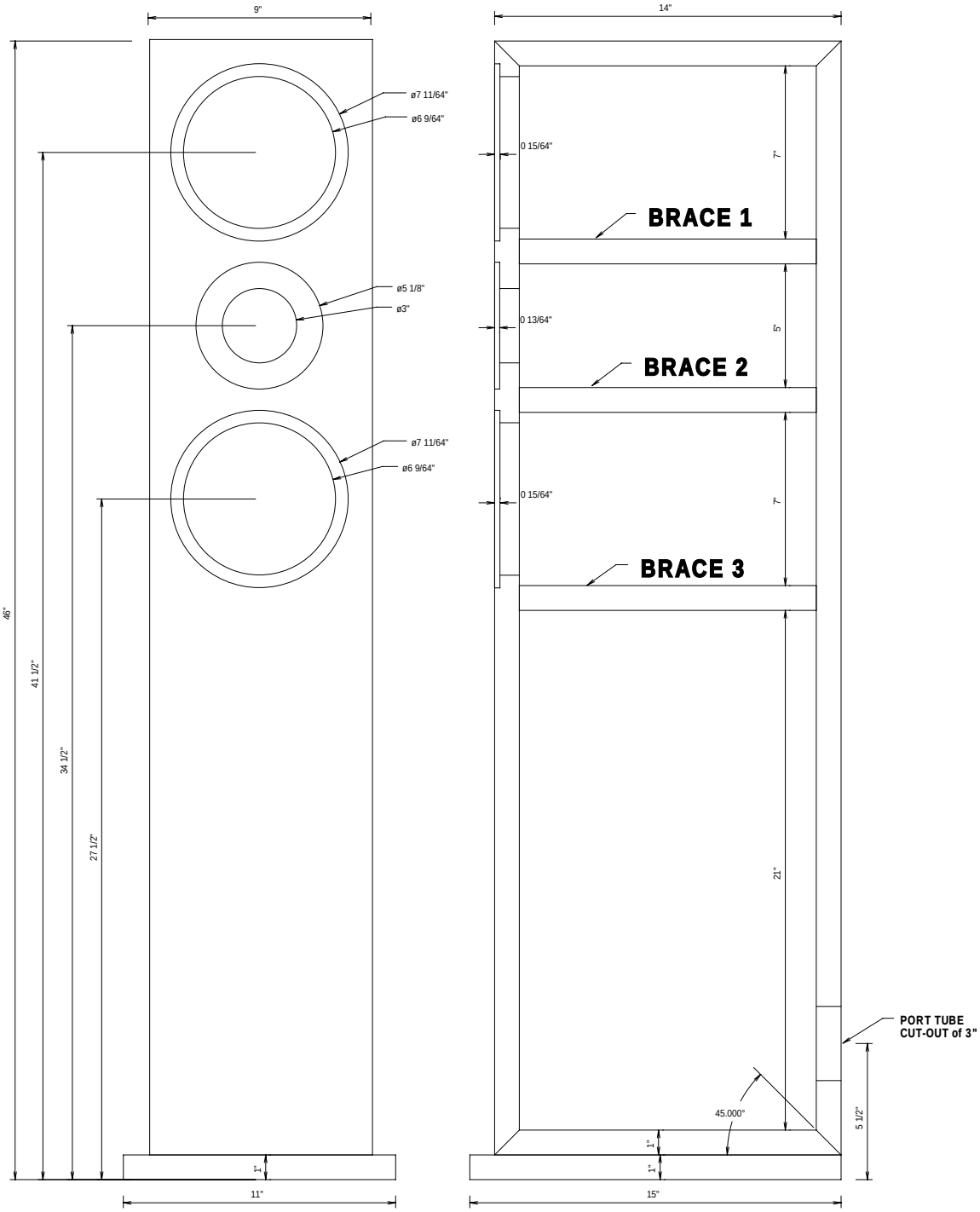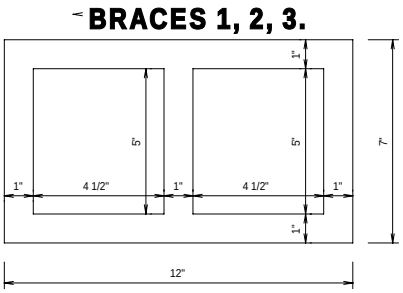SCAN-SPEAK EXPRESSION