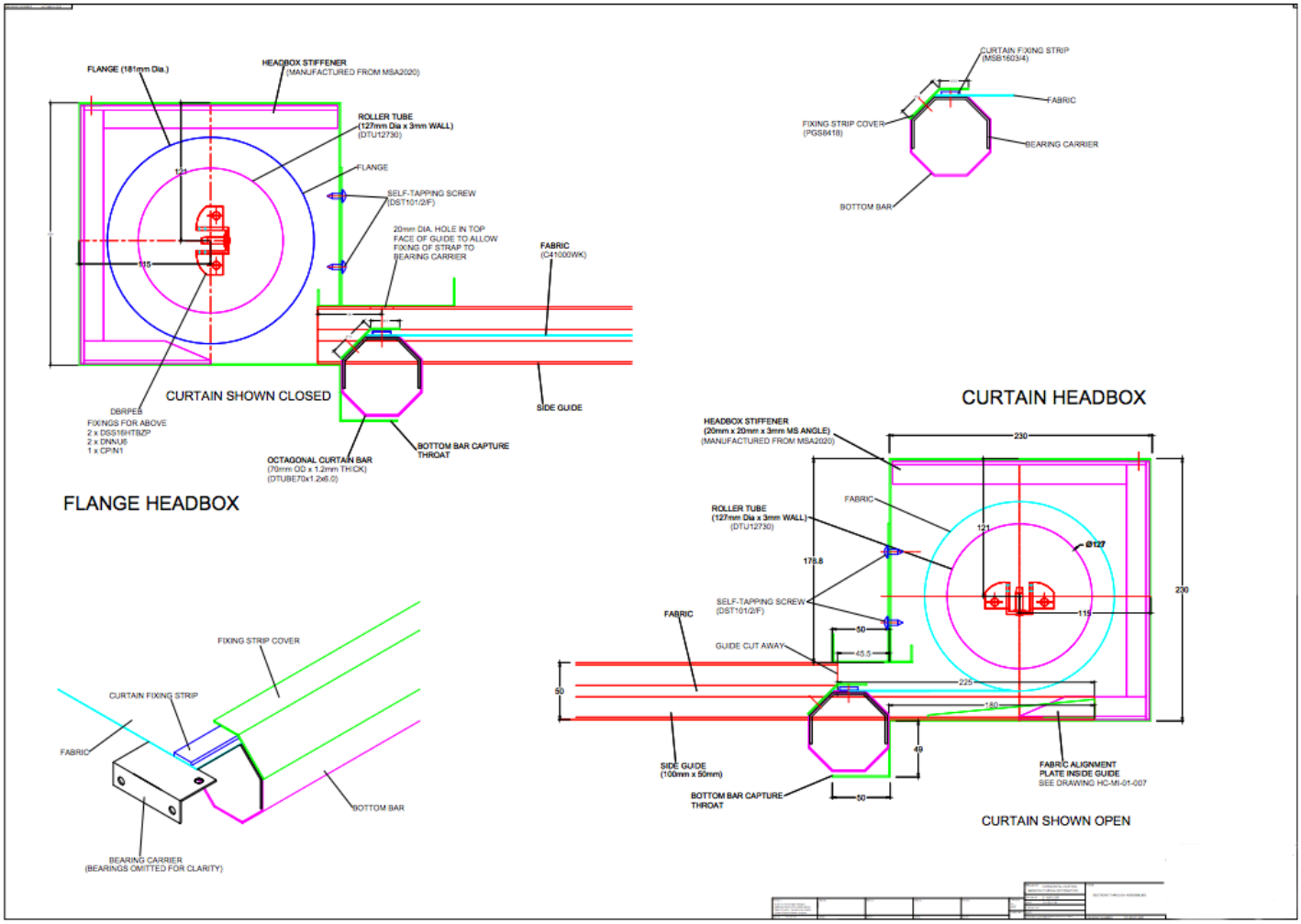HC1 Technical Drawing