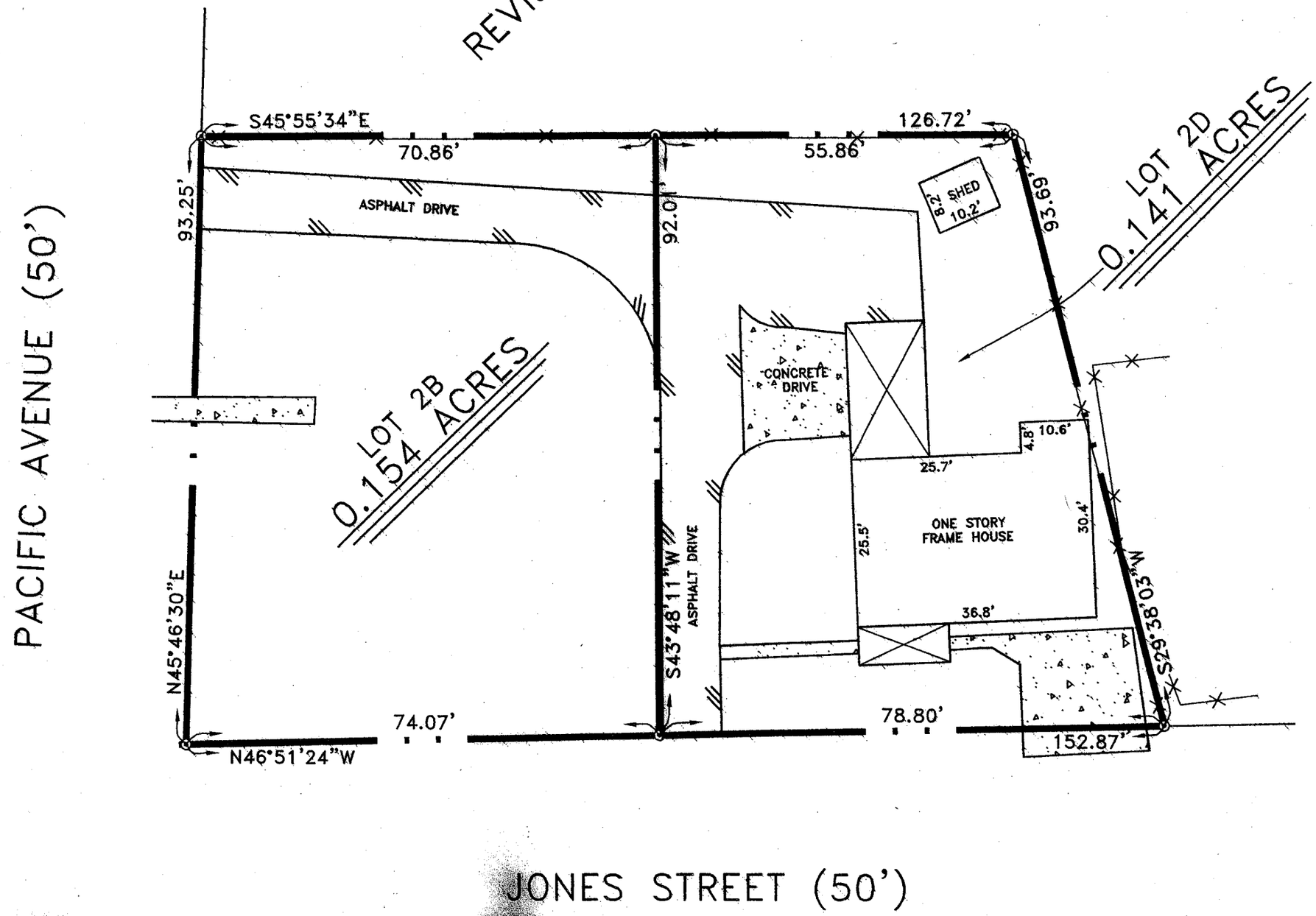BLC
REVISED MA