BASED ON 100 PSF LL

THIS PLACES A HUGE AMOUNT OF FORCE INTO THE WALL, AND THEN INTO THE DIAPHRAGM. IT IS LIKELY THAT WE WILL HAVE TO ADD FULL HEIGHT STEEL TUBES IN THE WALL TO TAKE THE LOAD.

PL1/2" STIFFENERS, EACH SIDE

MIGHT NEED TO WIDE FLANGE OR TUBE HERE TO HELP WITH LATERAL STABILITY.

EXISTING HEADER? WE WILL PROBABLY NEED TO REINFORCE IT OR ADD A NEW ONE

2X10 @ 12" OR 16"

W12X35
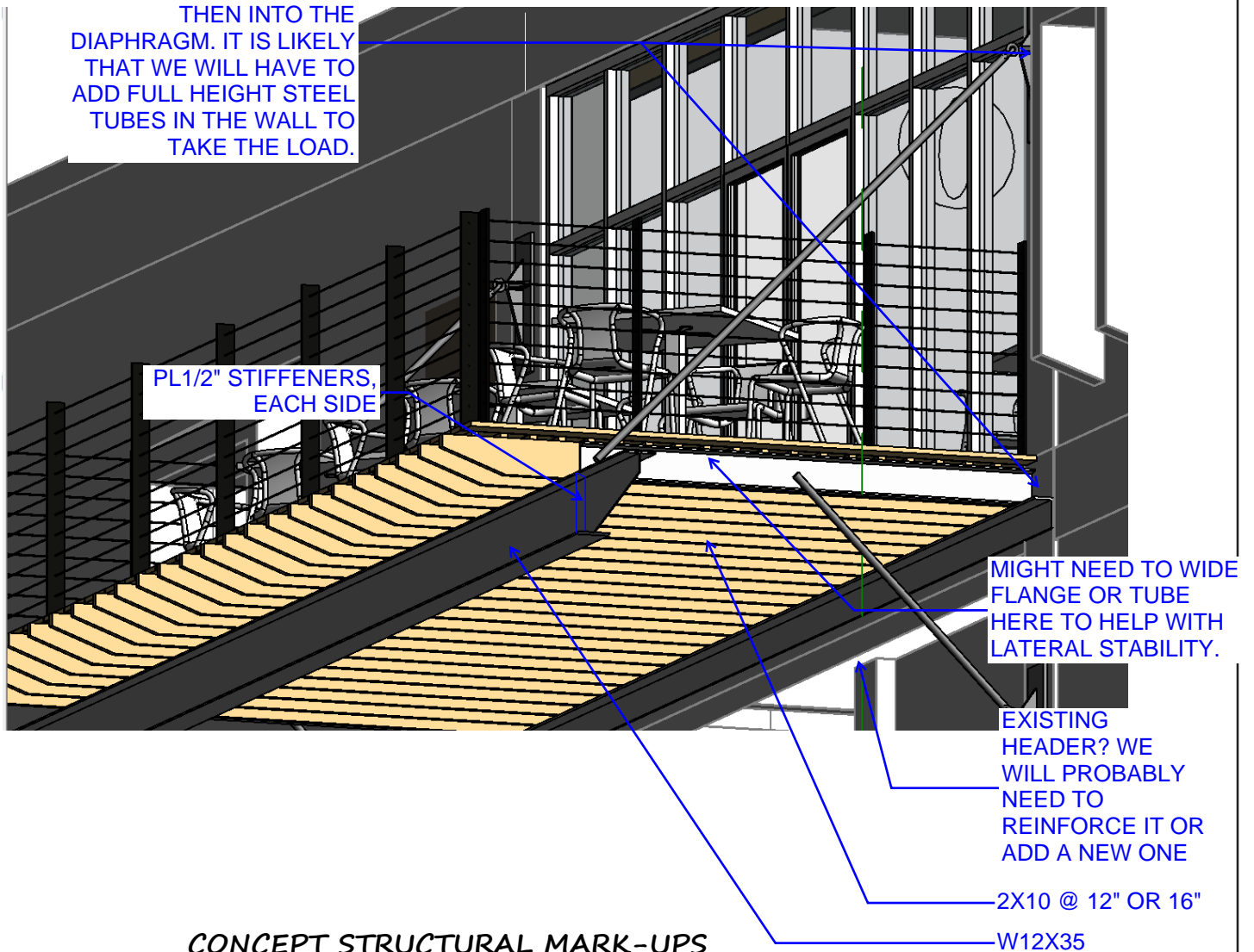
CONCEPT STRUCTURAL MARK-UPS