



Apex Engineers, Inc  
1600 Baltimore Ave  
Suite 102  
Kansas City, Missouri 64108  
www.apex-engineers.com

Project: Lot 110 MC  
Deck Beam Connection

Sheet #      of       
Engineer: PSS  
Date: 2/10/16

REACTION AT BEAM: 1.25 k

USING 1/2" BOLTS...  $v = 340 \text{ lb/BOLT}$

$$(1250 \text{ lb}) / (340 \text{ lb/BOLT}) = 3.7 \rightarrow \text{USE 4 BOLTS}$$

(4) 1/2" LAG BOLTS, EMB. 5"  
INTO SOLID BLOCKING

L6x6x3/8

LINE OF  
EXTERIOR  
AT CORNER.

DECK BEAM  
PER PLAN

(4) 1/2"  
THRU  
BOLTS

2"

2"

2"

2"

LIM PER PLAN

