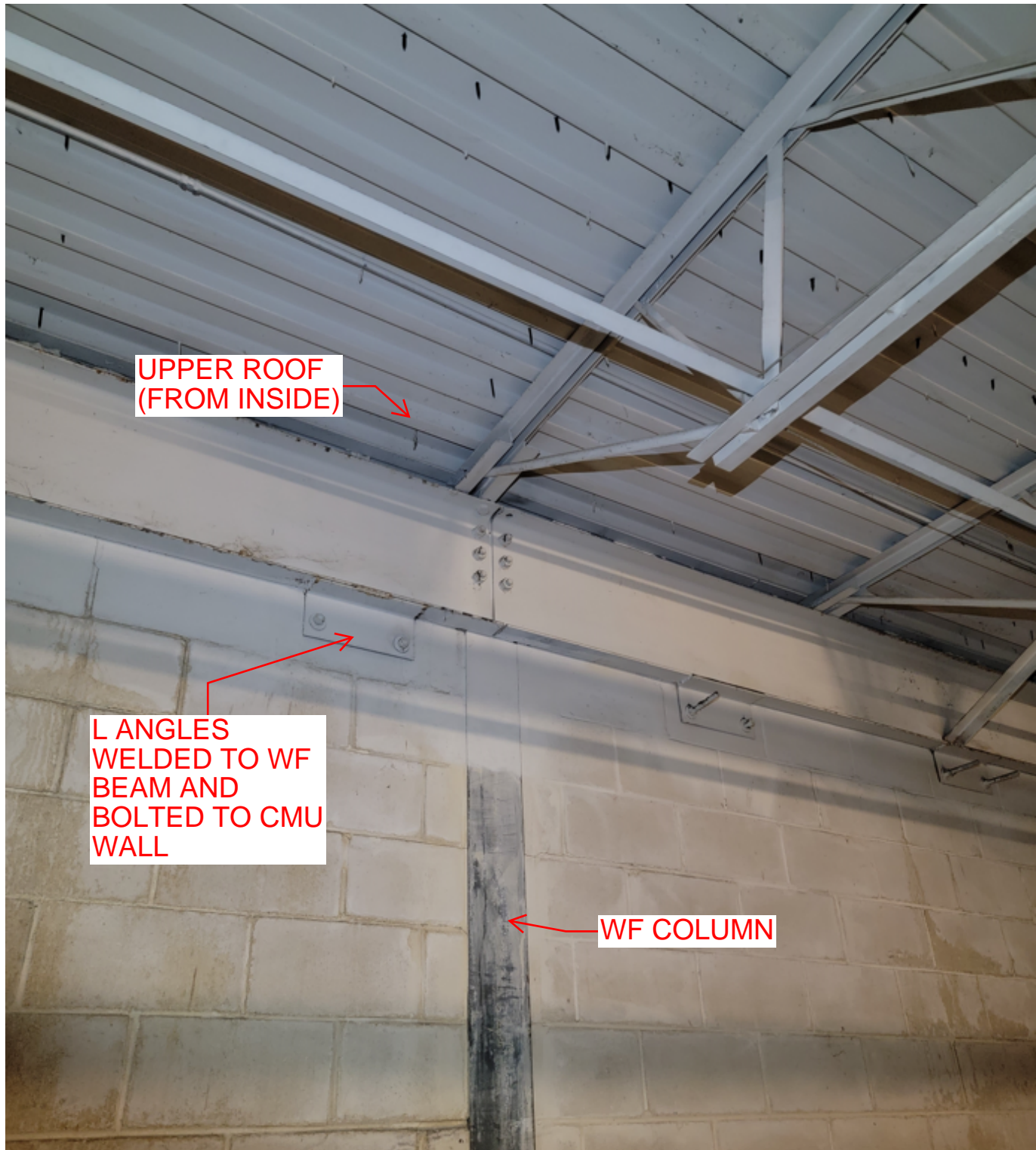


DESIGN WIND SPEED: 145 MPH  
(E) ROOF DECK: TPO OVER METAL DECK  
CHALLENGE:  
1. STRENGTHENING THE CMU WALL  
2. STRENGTHENING THE TOP ROOF DIAPHRAGM

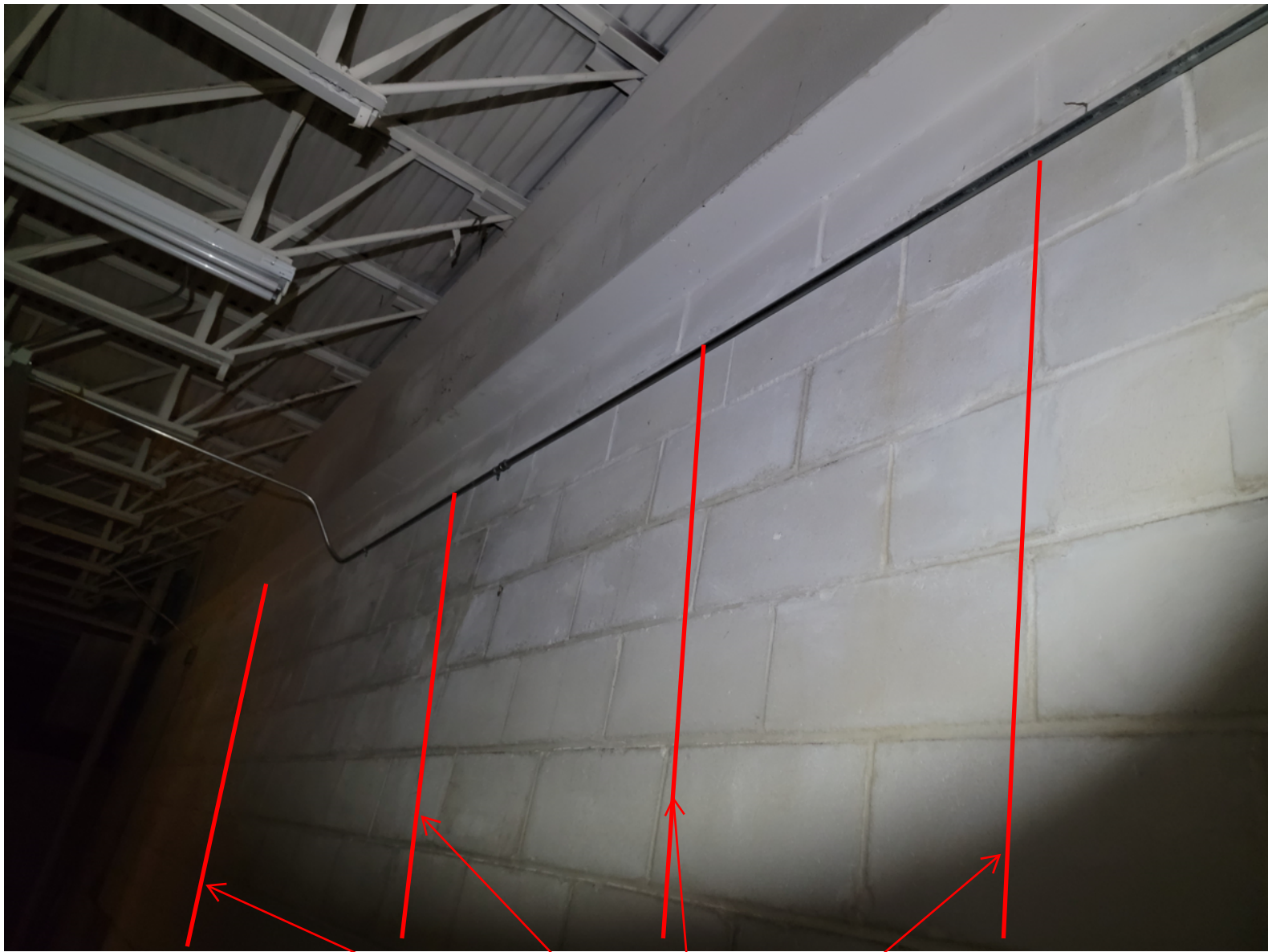


DETAIL 1: TOP ROOF TO CMU WALL ATTACHMENT



DETAIL 2: MEZZANINE





L-ANGLES @ 4'  
O.C. BOLTED TO  
GROUTED CMU

### DETAIL 3: CMU WALL REINFORCEMENT



DETAIL 4: OUTSIDE VIEW OF (E) BUILDING