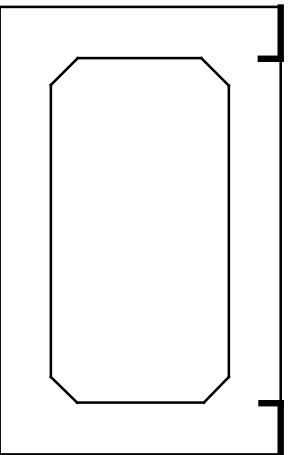


P.C. SPREAD BOX BEAMS  
DESIGN DETAILS

ISSUED: 2009

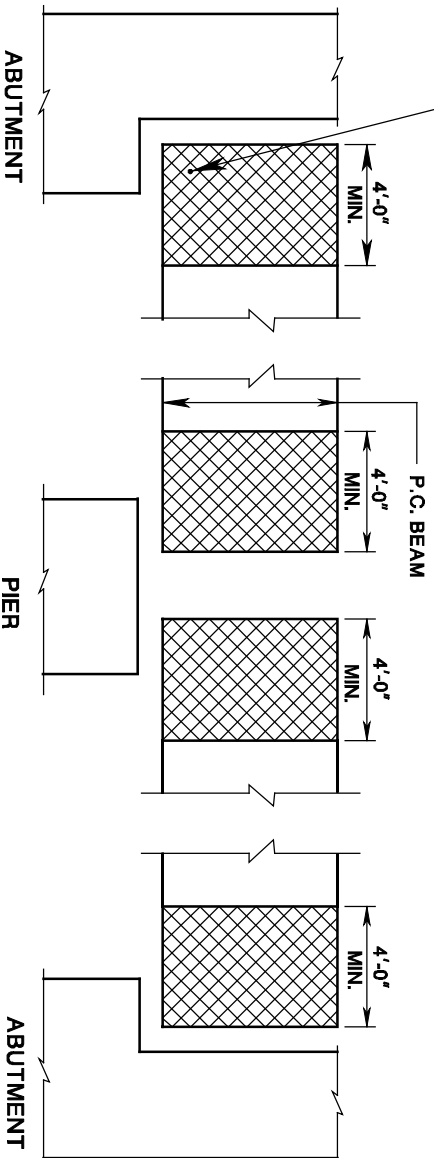
PLATE  
3.10-19



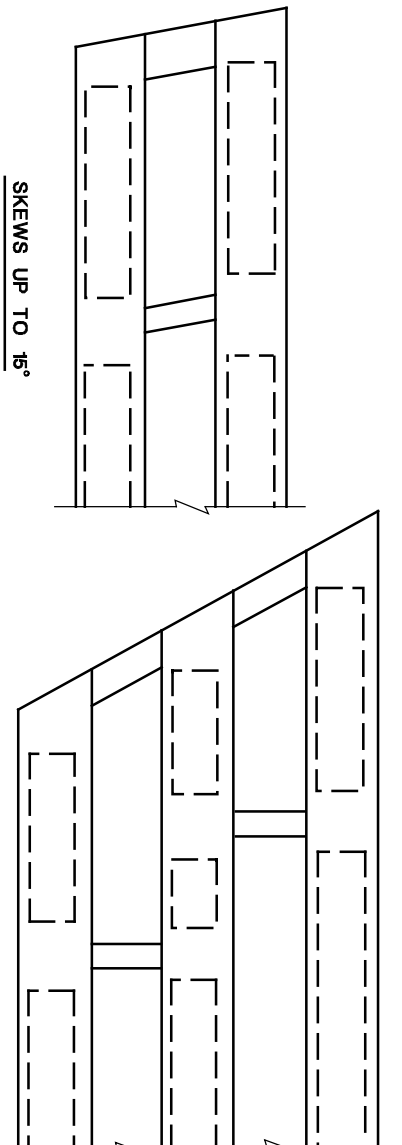
ZINC-COATED (GALVANIZED) WELD ANCHORS  
EMBEDDED IN CONCRETE AT 1'-6" C.C.  
MAXIMUM. ANGLES CARRYING S.I.P. FORMS ARE  
WELDED TO EMBEDDED ANCHORS. REFERENCE  
NJDOT BRIDGE CONSTRUCTION DETAILS  
FOR MORE INFORMATION.

WELD ANCHORS FOR S.I.P. FORMS

COAT ENDS, BOTTOMS AND SIDES OF FASCIA BEAMS WITH EPOXY WATER-PROOFING  
SEAL COAT. DO NOT COAT TOP OF BEAMS, DIAPHRAGM CONNECTION  
AREAS AND BEARING AREAS. REFERENCE SUBSECTION 1.25.10 FOR MORE  
INFORMATION.



LIMITS FOR EPOXY WATERPROOFING SEAL COAT



NOTE:  
REFERENCE SECTION 25.7 OF THIS MANUAL FOR DESIGN REQUIREMENTS.

DIAPHRAGM ARRANGEMENT (N.T.S.)