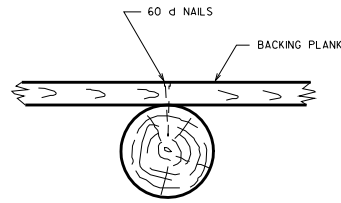
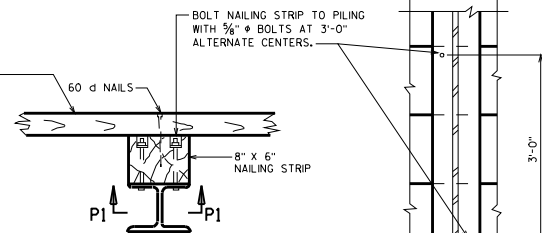


**CONCRETE  
CAST-IN-PLACE PILING**

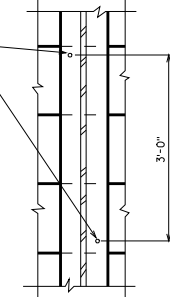
REFER TO STANDARD 11.01 FOR SECTION THRU REINFORCED CAST-IN-PLACE PILING WHEN PILES ARE EXPOSED.



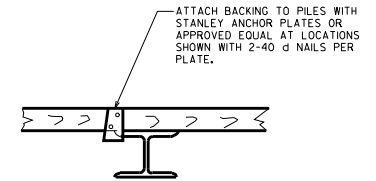
**TIMBER PILING**



**STEEL 'HP' PILING**

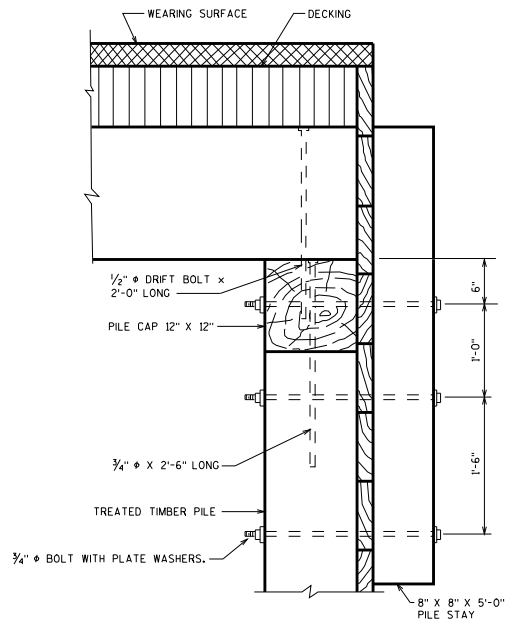


**SECTION P1**



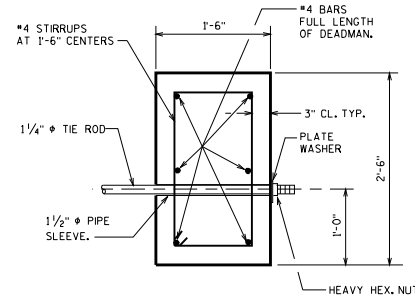
**STEEL 'HP' PILING  
(ALTERNATE ATTACHMENT)**

**BODY & WING PLANK CONNECTION DETAILS**



**PILE CAP DETAIL**

(TIMBER GIRDER)



**SECTION THRU DEADMAN**

**TIMBER ABUTMENT  
DETAILS**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DEVELOPMENT SECTION

APPROVED: Scot Becker

DATE:  
7-08