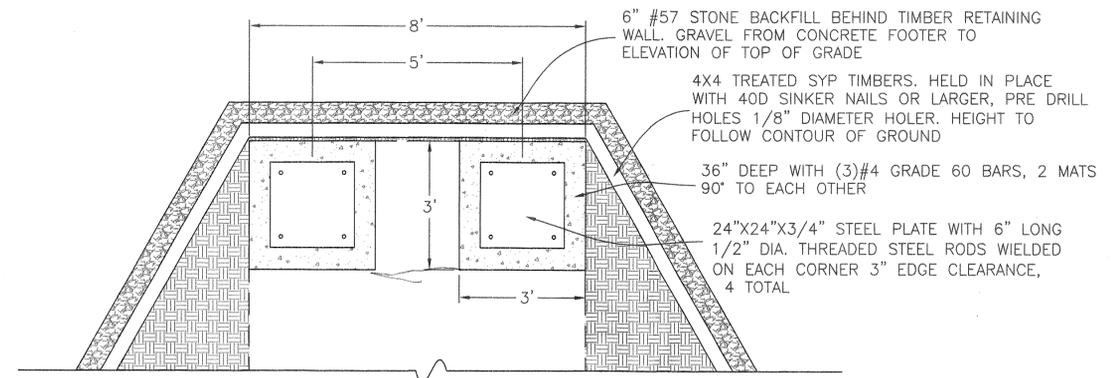
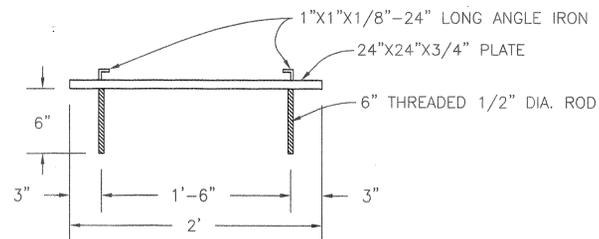


**BRIDGE DESIGN**  
SCALE: 1/4" = 1'-0"



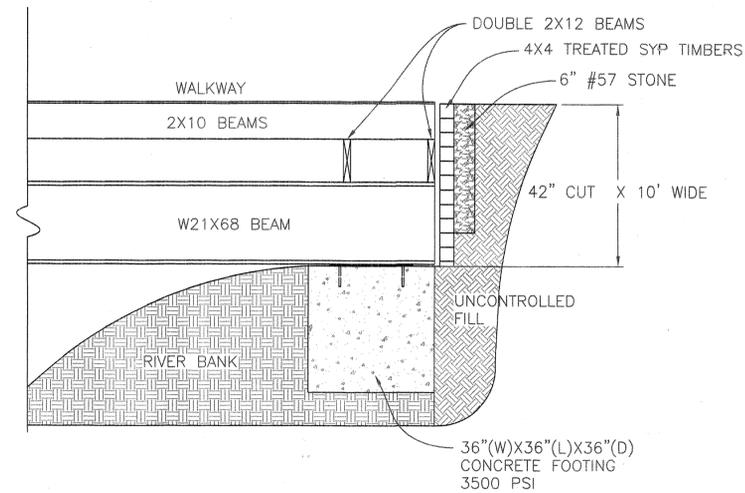
NOTE: 5/8" FILET WELD BETWEEN STEEL BEAM BOTTOM FLANGE AND EMBEDDED STEEL PLATE 24" ON EACH SIDE OF FLANGE. TYPICAL WELDING APPLIES TO WEST END OF BRIDGE.

**TOP VIEW FOUNDATION DESIGN**  
SCALE: 1/2" = 1'-0"



NOTE: 1"x1"x1/8"-24" LONG ANGLE IRON WELDED TO PLATE AFTER POSITIONING STEEL BEAM IN PLACE. TYPICAL FOR THE TWO PLATES ON EAST END OF BRIDGE.

**PLATE DESIGN**  
SCALE: 1-1/2" = 1'-0"



**FOUNDATION DESIGN**  
SCALE: 1/2" = 1'-0"



**ALEXCOM & ASSOCIATES, INC.**  
GEOTECHNICAL / CIVIL AND STRUCTURAL ENGINEERS  
11 DEBRUEN LANE  
FREDERICKSBURG, VIRGINIA 22405  
PHONE (540) 371-3157, FAX (540) 371-7920

**FOOTBRIDGE DESIGN**  
FOR FRIENDS OF THE PARK/NPS  
WILDERNESS RUN  
Orange County, VA

DESIGNED BY	DATE
E.L.D.	02/02/12
CHECKED BY	DATE
E.L.D.	02/02/12
DRAWN BY	DATE
J.A.C.	02/02/12
SUBMITTED BY	DATE

SCALE: AS NOTED  
SHEET: 1 OF 1  
JOB NUMBER: 120048