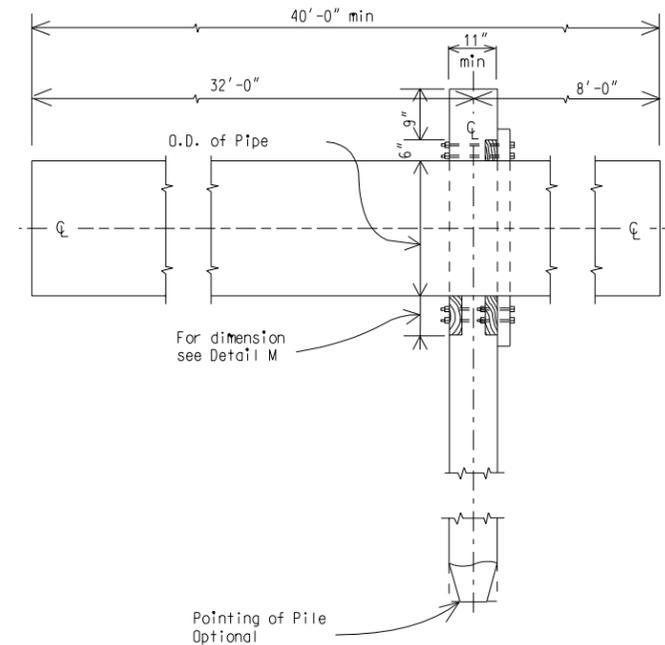
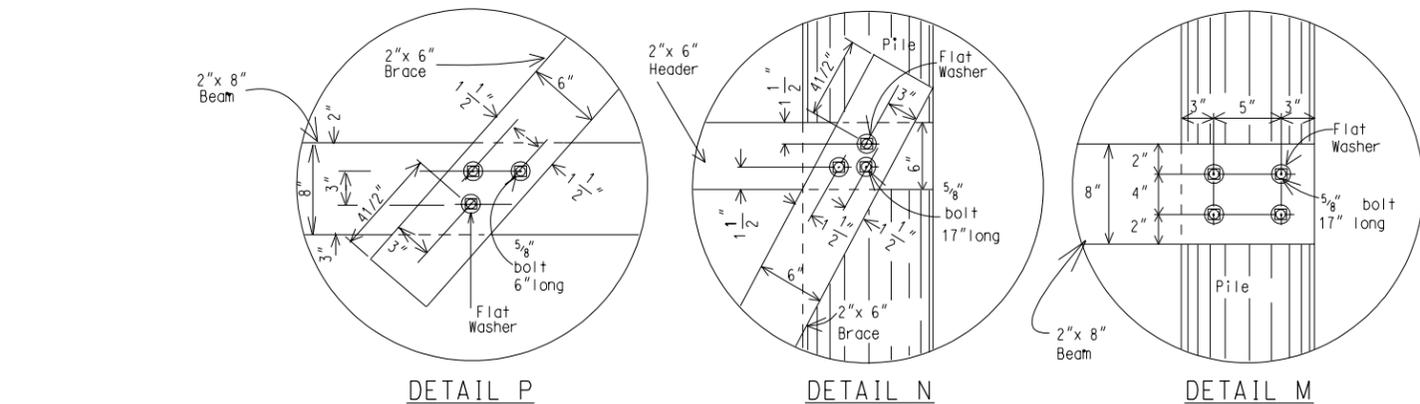


PLAN
(NTS)



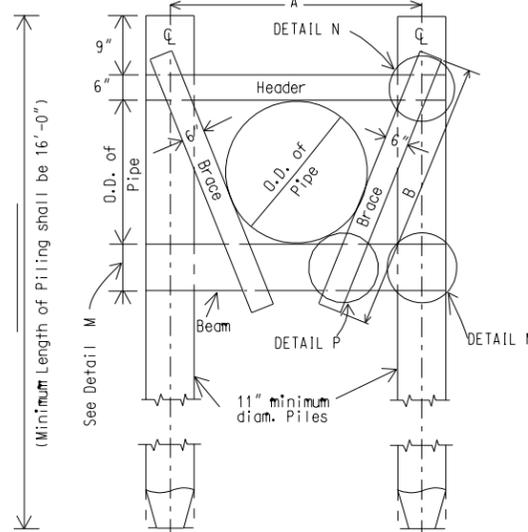
SECTION ALONG
CENTERLINE OF PIPE
(NTS)



DETAIL P

DETAIL N

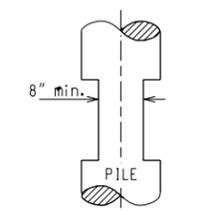
DETAIL M



ELEVATION
(NTS)

NOTES AND SPECIFICATIONS

- Lumber shall be southern Pine (unfinished surface), No. 2 Dense (MC=19) in conformance with the latest edition of grading rules by the Southern Pine Inspection Bureau.
- Washers shall be circular cut washers conforming to the requirements of A.S.T.M. Specification A-36. Bolts shall conform to A.S.T.M. Specification A-307. Bolts, nuts, and washers shall be hot dip zinc coated in accordance with the requirements of class C, A.S.T.M. Specification A-153, or stainless steel class 304 or 316. Bolts shall have a 6 inch minimum thread length.
- Timber piles shall meet the requirements of ASTM D25 and shall be class B southern yellow pine.
- Timber piles and timber members shall be pressure treated in conformance with ASTM D 1760. Prescribed treatment shall be stated in the specifications.
- Bracing shall be placed against and bolted tangent to the pipe.
- The piles may be either:
 - Set butt up, in drilled holes which have a diam. at least 9" larger than the top of the pile. Backfill may be with earth placed in 6" layers and thoroughly tamped or with concrete well rodded to a dense mass. The hole shall be filled to the ground line.
 - Driven to the specified depth by methods and procedures approved by the Engineer.



NOTCH DETAIL

PIPE DIAMETER IN INCHES		30	36
A	FEET	6'-0"	6'-0"
B	FEET	4'-11"	5'-1"

PIPE DIAMETER in INCHES		30	36
ITEM	SIZE	QUANTITY	Item Length
PILES	11" diam.	2	
HEADERS	2"x 6"	1	6'11" 6'11"
BEAMS	2"x 8"	2	6'11" 6'11"
BRACES	2"x 6"	2	4'11" 5'1"
BOLTS w/NUTS	5/8" diam.	6	6" 6"
BOLTS w/NUTS	5/8" diam.	8	17" 17"
BOLTS w/NUTS	5/8" diam.	6	17" 17"
WASHERS, Flat	5/8"	40	

∇ NOTE: Enter actual length of piling based on site conditions.

PIPE OUTLET SUPPORT DETAILS FOR 30" AND 36" DIAMETER PIPE			
STANDARD DWG. NO.	FL-410B3	SHEET	OF
DATE	12/02		

REVISIONS		
DATE	APPROVED	TITLE

Date	
Designed	
Drawn	
Checked	
Approved	

File No. _____
Drawing No. _____
Sheet of _____

