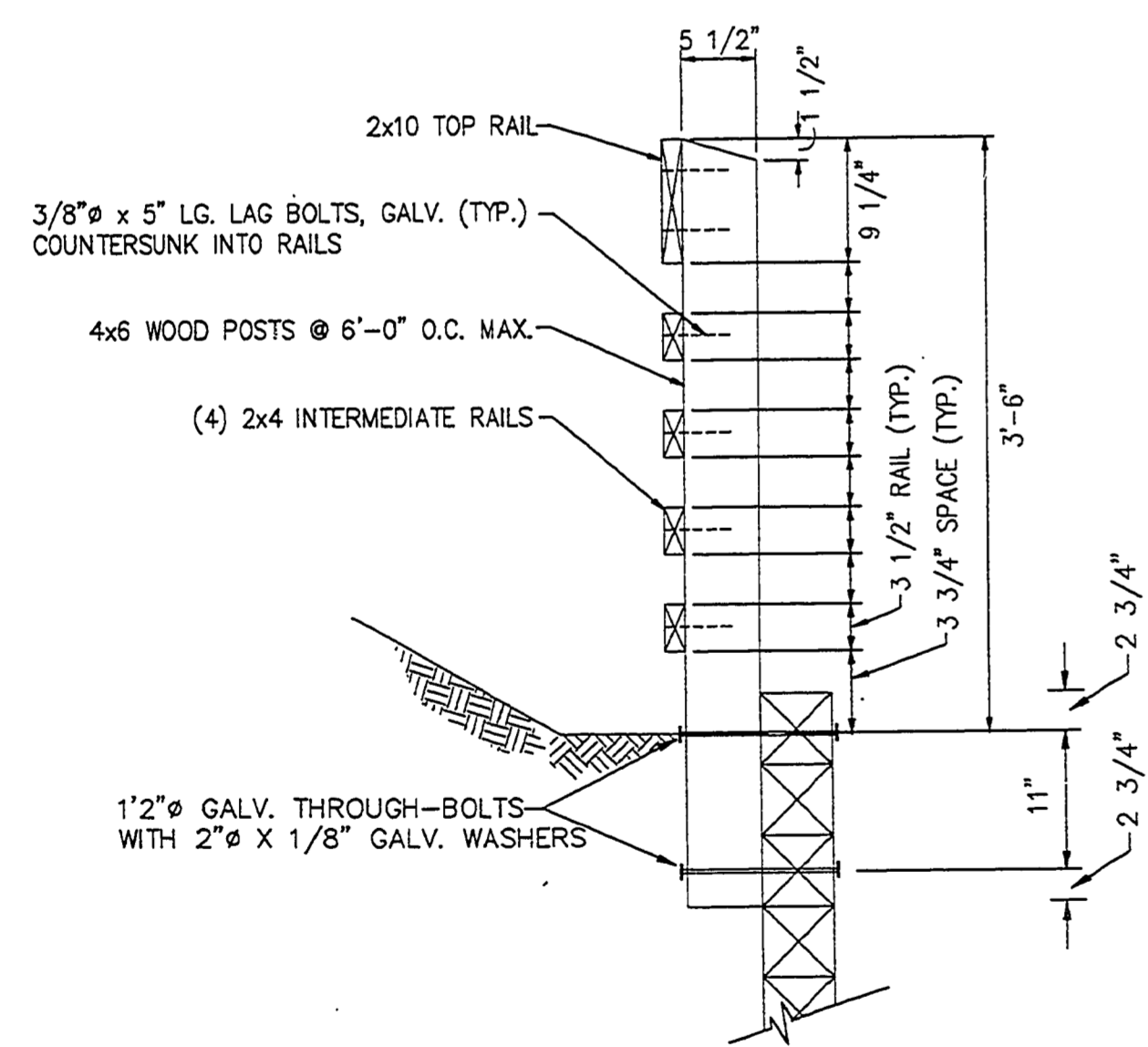
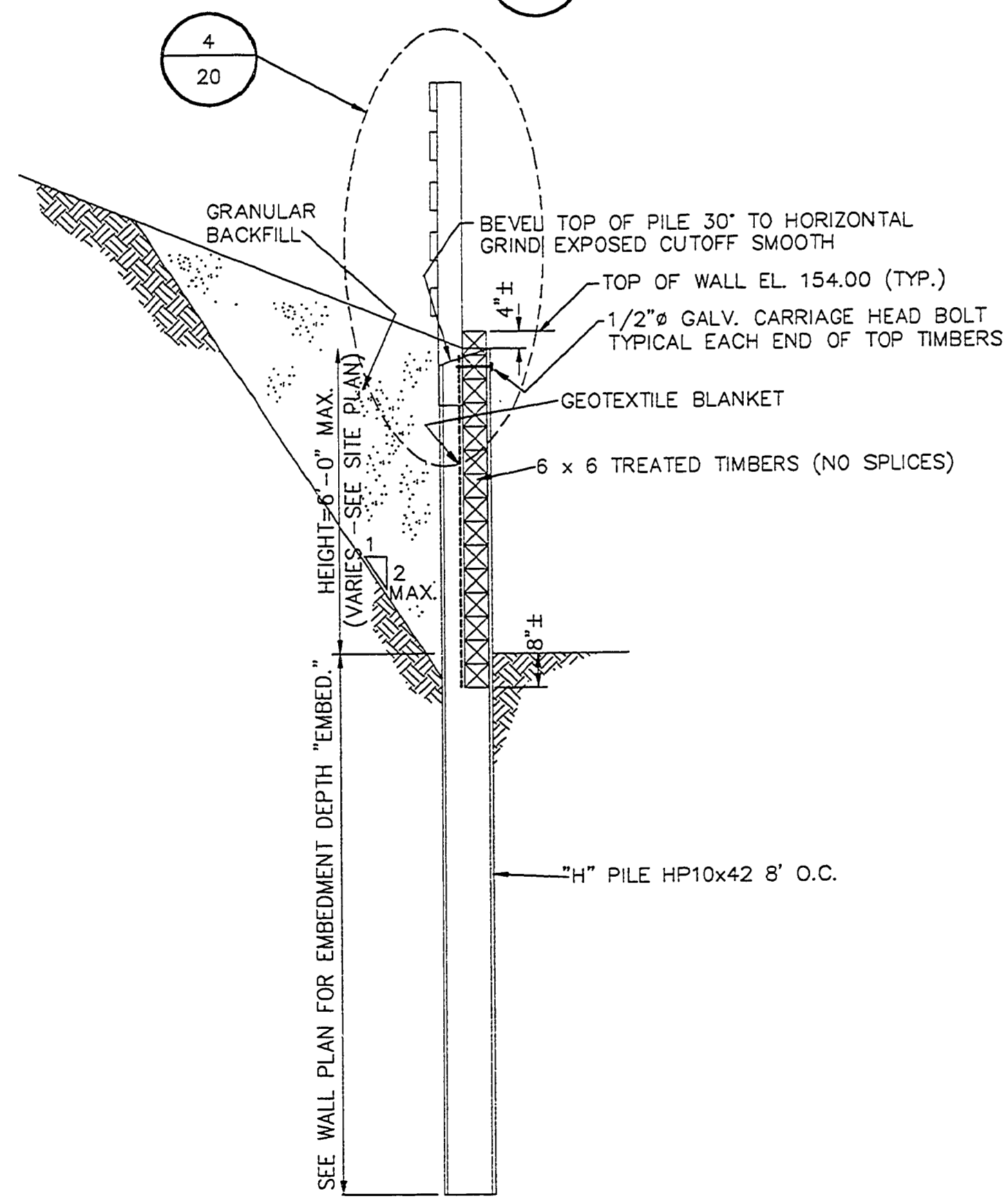


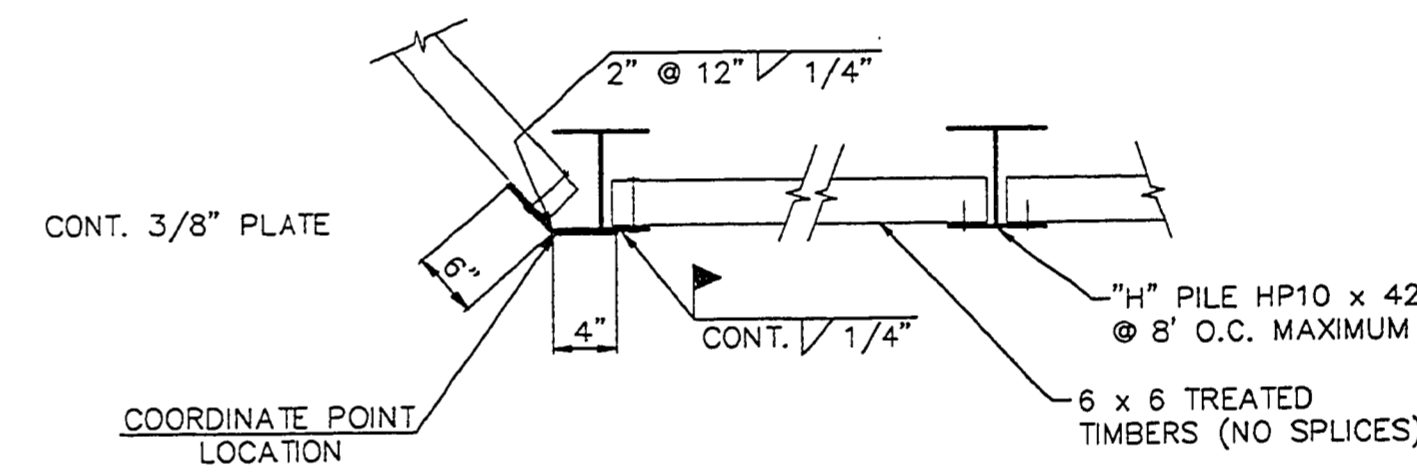
1 RETAINING WALL PLAN
1" = 10'



4 RAILING DETAIL
NO SCALE



2 WALL DETAIL
NO SCALE



3 CORNER WALL DETAIL
NO SCALE

GENERAL NOTES

1. THE STRUCTURAL PLANS SHALL BE WORKED IN COORDINATION WITH THE PROJECT SPECIFICATIONS.
2. STEEL
 - A. ALL STRUCTURAL STEEL SHALL BE SELF WEATHERING CONFORMING TO ASTM A588, A606 OR A242 UNLESS APPROVED BY THE ENGINEER.
 - B. GALVANIZE ALL STEEL SHAPES AND HARDWARE AS INDICATED ON PLANS IN ACCORDANCE WITH ASTM A123, A153, OR A525.
3. WOOD TIMBERS SHALL BE #2 OR BETTER SOUTHERN YELLOW PINE TREATED TO A TOTAL ABSORPTION OF 0.60 POUNDS PER CUBIC FOOT OF WOOD IN ACCORDANCE WITH ASTM D 1760, TABLE 1, GROUND CONTACT.
4. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.

FILE NAME: 1159RETW
PLOT DATE: 9-21-94
UPDATED BY: LJS

DRN BY:	IDENTIFICATION NO.	ISSUED FOR	DATE
DESIGN BY: LJS	PROJECT - MUSKOGON	PRELIMINARY <input checked="" type="checkbox"/>	7-21-94
CHK BY: GJF	STATE ACCOUNT	CONSTRUCTION <input checked="" type="checkbox"/>	9-23-94
APPROVED BY: GDA	607-75-2450-400	FINAL RECORD <input type="checkbox"/>	

CAPITAL CONSULTANTS ENGINEERS



STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

QUALITY OF LIFE RECREATION BOND
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PARKS DIVISION - STATE ACCT. NO. 607-75-2450-400

MUSKOGON STATE PARK
SNUG HARBOR WASTEWATER SYSTEM
RETAINING WALL DETAILS

SCALE: AS SHOWN
PROJ. NO.: 91159
SHEET 20 OF 21