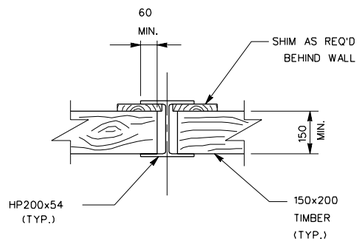
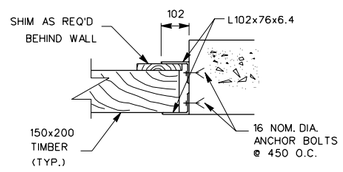
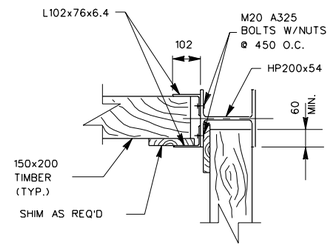


SECTION A
SCALE : N.T.S.
S-14 S-14



SECTION B
SCALE : N.T.S.
S-14 S-14



NOTE: INSIDE CORNER SIMILAR
WITH SHIMS REVERSED

TYP. RETAINING WALL OUTSIDE CORNER DETAIL

N.T.S.

TABLE 1	
HEIGHT ABOVE GROUND	PILE DEPTH
1830	4900
1500	4000
1200	3300
900	2400
600	1800
300	1200

NOTES

1. USE THE DETAILS ON THIS SHEET OR SIMILAR TO BUILD THE RETAINING WALLS FOR THE ARMOR TARGET. SEE CIVIL DWGS, FOR LOCATION & ARRANGEMENTS.

2. INSTALL FILTER FABRIC BEHIND ALL RETAINING WALLS. FABRIC SHALL EXTEND THE FULL HEIGHT OF THE WALLS.

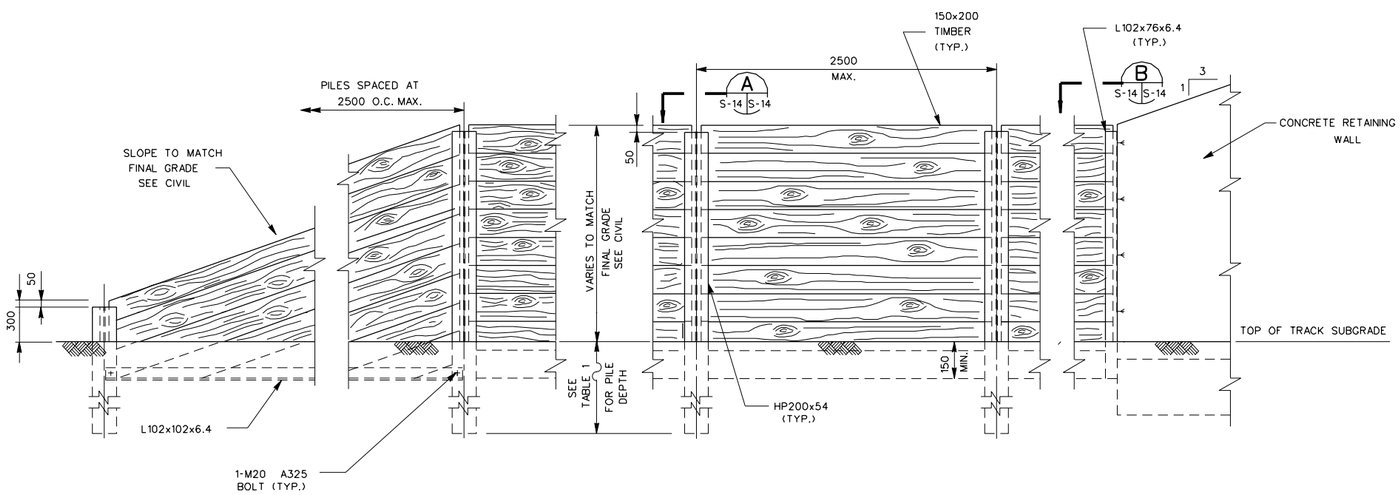
3. CONCRETE TIES MAY BE USED INSTEAD OF WOOD. TIES SHALL HAVE A MIN. FLEXURAL STRENGTH OF 5kN•m.

4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

5. SEE S-1 FOR GENERAL STRUCTURAL NOTES.

DESIGNER NOTES

1. DEPTH OF PILE MUST BE VERIFIED FOR SITE CONDITIONS.



RETAINING WALL TYP. DETAILS

NOTE: SEE CIVIL FOR RETAINING WALL LOCATIONS
N.T.S.

US Army Corps of Engineers

Symbol	Description	Date	Approved	Symbol	Description	Date	Approved

Designed by: REM
Dwn by: RLA
Ckd by: REM
Reviewed by: WAW
Submitted by: AF
Date: 01 APR 98
Rev.
Design file no.
Drawing code: STD 179-90-01
File name: STD514.DGN
Plot date: 20 MAR 98
Plot scale: FULL

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN

ARMOR TARGET RETAINING WALLS

Sheet reference number:
S-14
Sheet of