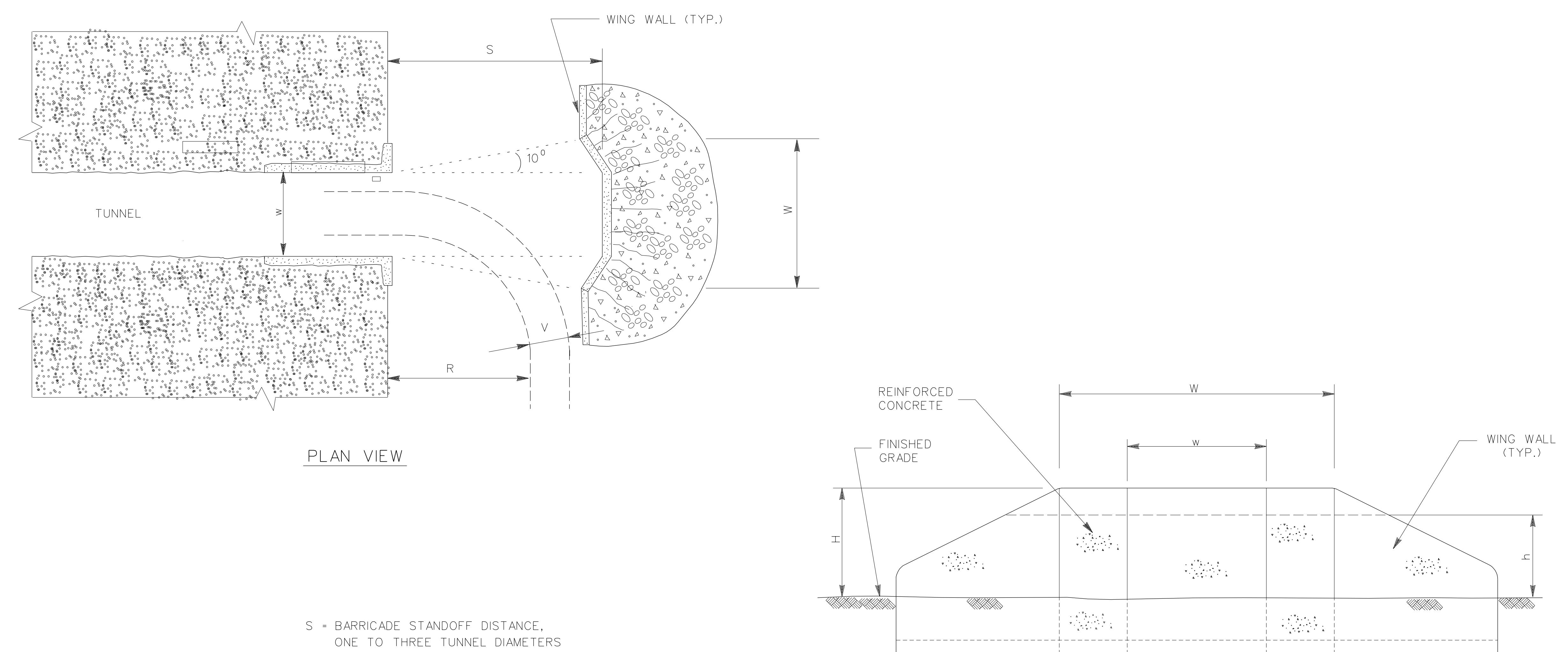


US Army Corps
of Engineers



CHAMBER COVER THICKNESS
= 1.0 Q^{1/3} FOR ALL TYPES OF

S = BARRICADE STANDOFF DISTANCE,
ONE TO THREE TUNNEL DIAMETER

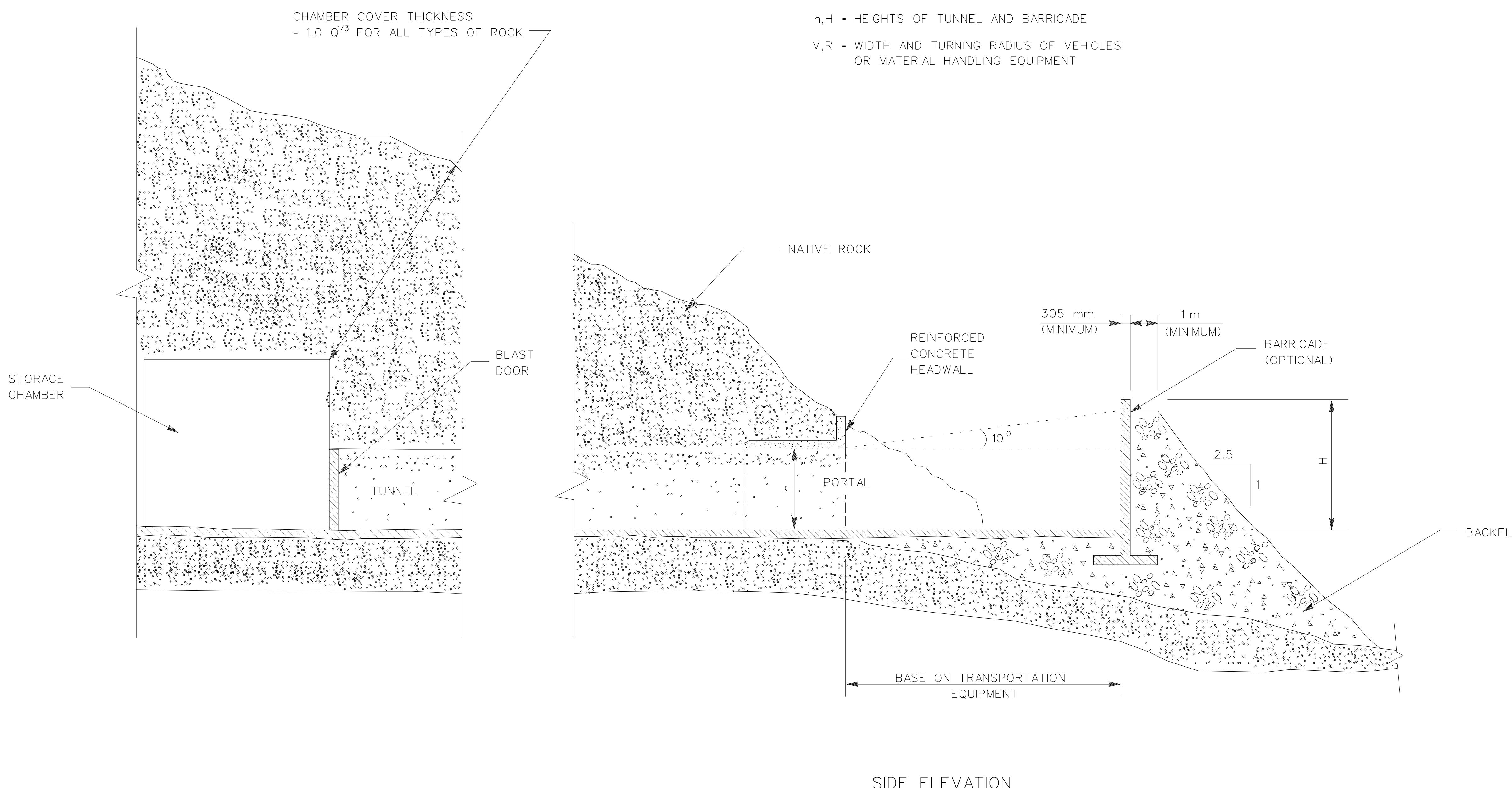
w, W = WIDTHS OF TUNNEL AND BARRICADE
(EXCLUDING WING WALLS)

h, H = HEIGHTS OF TUNNEL AND BARRICADE

V,R = WIDTH AND TURNING RADIUS OF VEHICLE
OR MATERIAL HANDLING EQUIPMENT

FRONTAL ELEVATION OF BARRICADE

(SEE SHEET S-5 FOR BARRICADE DESIGN EXAMPLE)



DETERMINATION OF TUNNEL BARRICADE LOCATION, HEIGHT AND LENGTH

U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE HUNTSVILLE, ALABAMA		Designed by: WAW	Date: 15 NOV 96	Rev.
Dwn by: RLA	Ckd by:	Design file no. 83070		
Reviewed by:		Drawing code: DEF 421-80-04		
Submitted by:		File name: WWUNS4.DGN Plot date: Plot scale:		

DEFINITIVE DRAWINGS

UNDERGROUND AMMUNITION STORAGE FACILITY

BARRICADE PLAN AND ELEVATIONS

Sheet
reference
number: