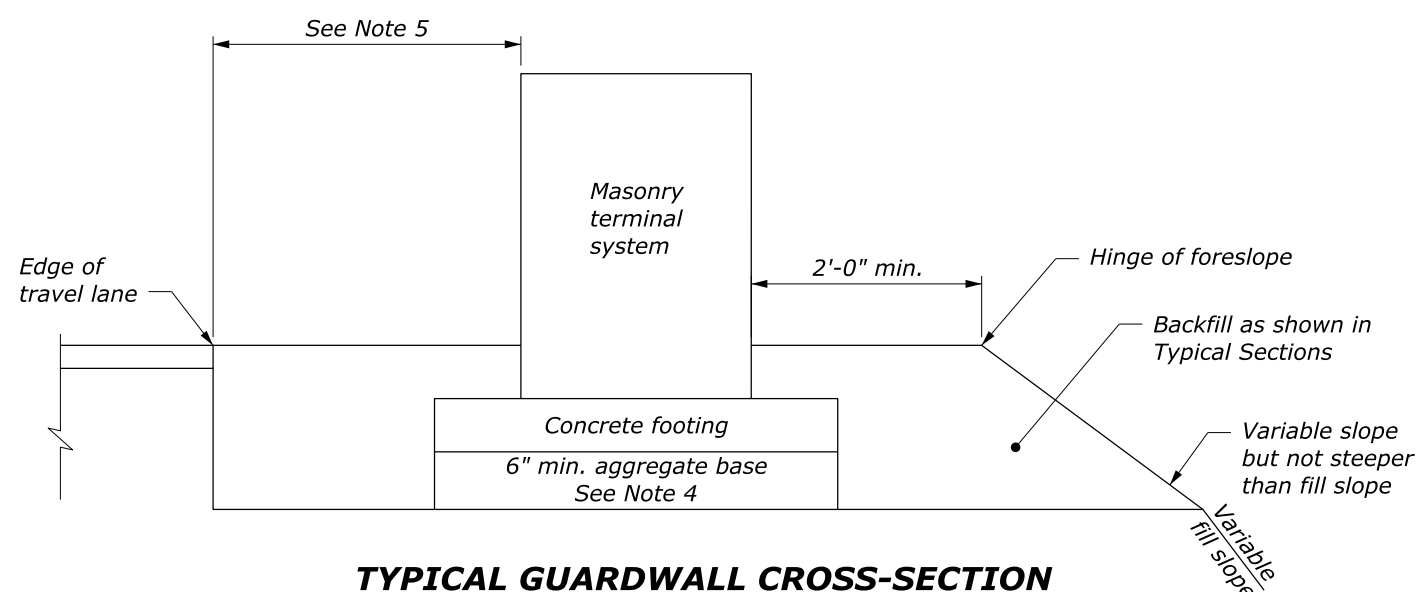
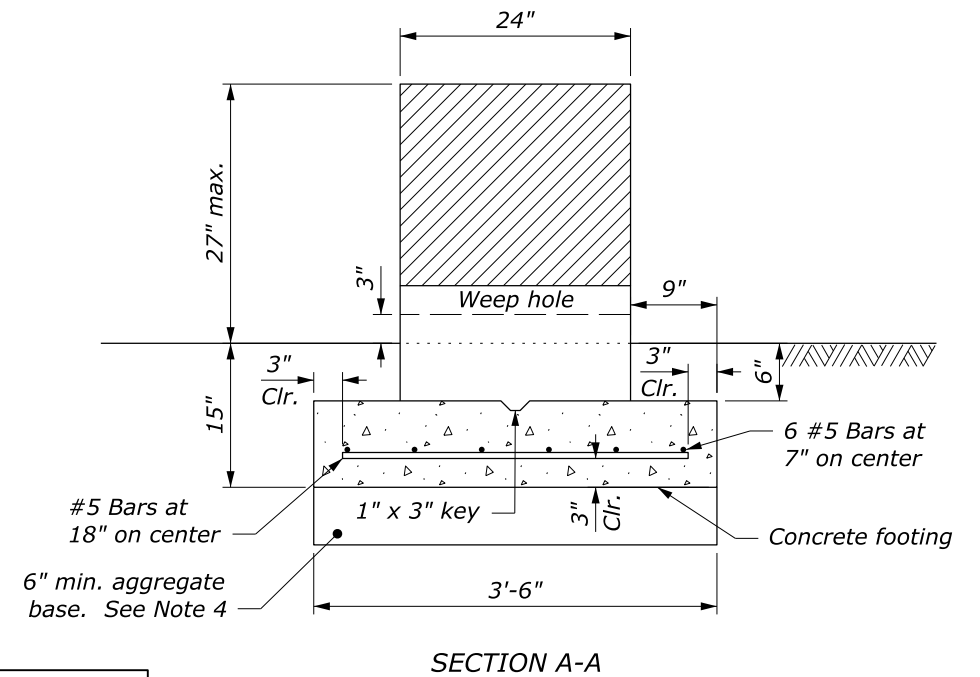
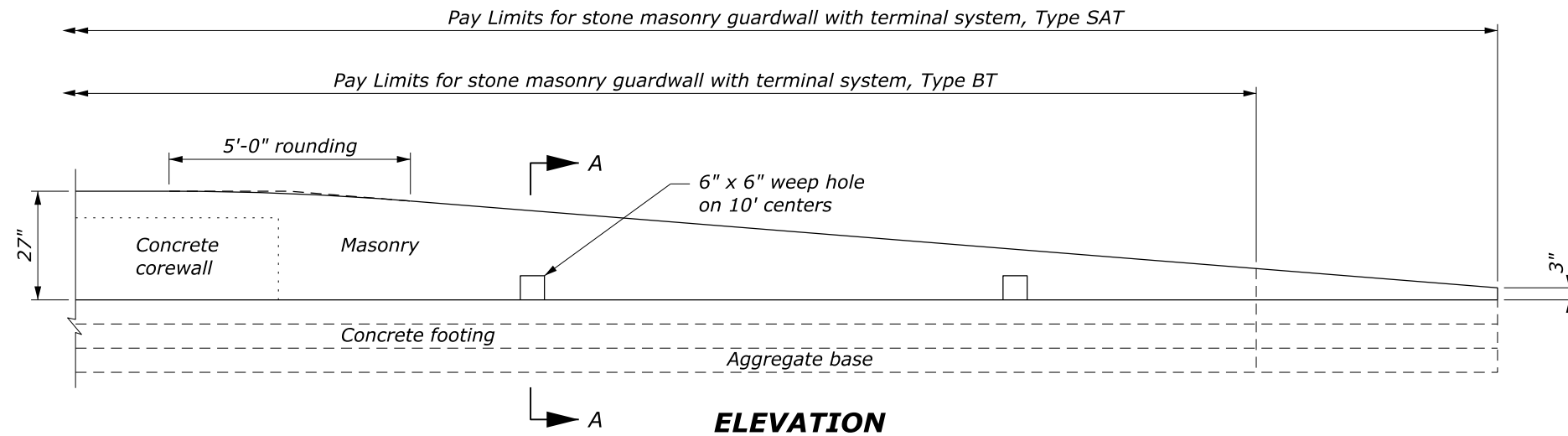


**NOTE:**

1. Use the Type SAT terminal system or the Type BT terminal system as specified.
2. Extend the fill widening a minimum of 5 feet behind the guardwall for the Type SAT terminal system, unless otherwise directed.
3. The plan view guardwall flare indicates the minimum length and rate required. Flare the guardwall to locate the terminal system outside the clear zone as directed.
4. Depth of aggregate base may be less than 6 inches when the foundation is on either rock fill or solid rock.
5. See Typical Sections for guardwall offset distance and pavement structure.

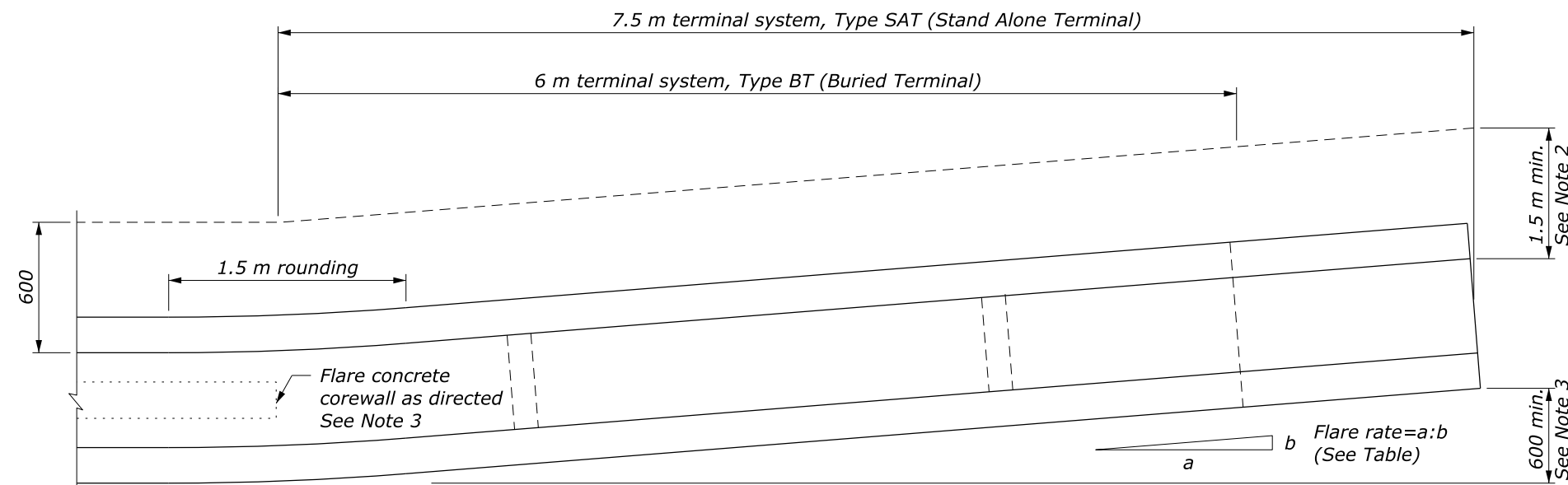


**GUARDWALL FLARE RATE TABLE**

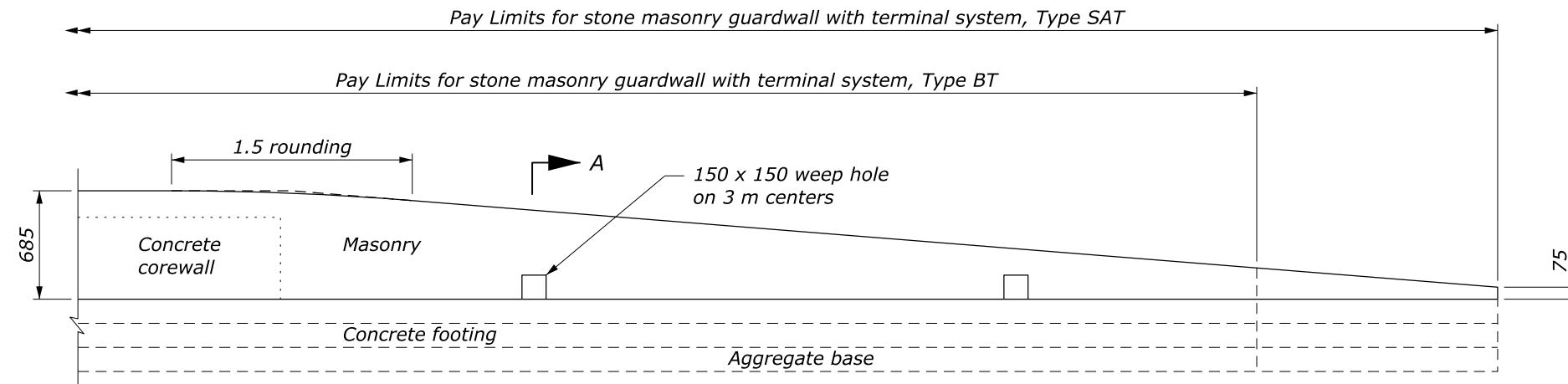
Design Speed (mph)	Shy Line Offset (ft)	Flare Rate (a:b)	
		Inside Shy Line	Outside Shy Line
60	8.0	26:1	18:1
50	6.5	21:1	14:1
40	4.5	16:1	10:1
30 or less	3.5	13:1	8:1

NO SCALE

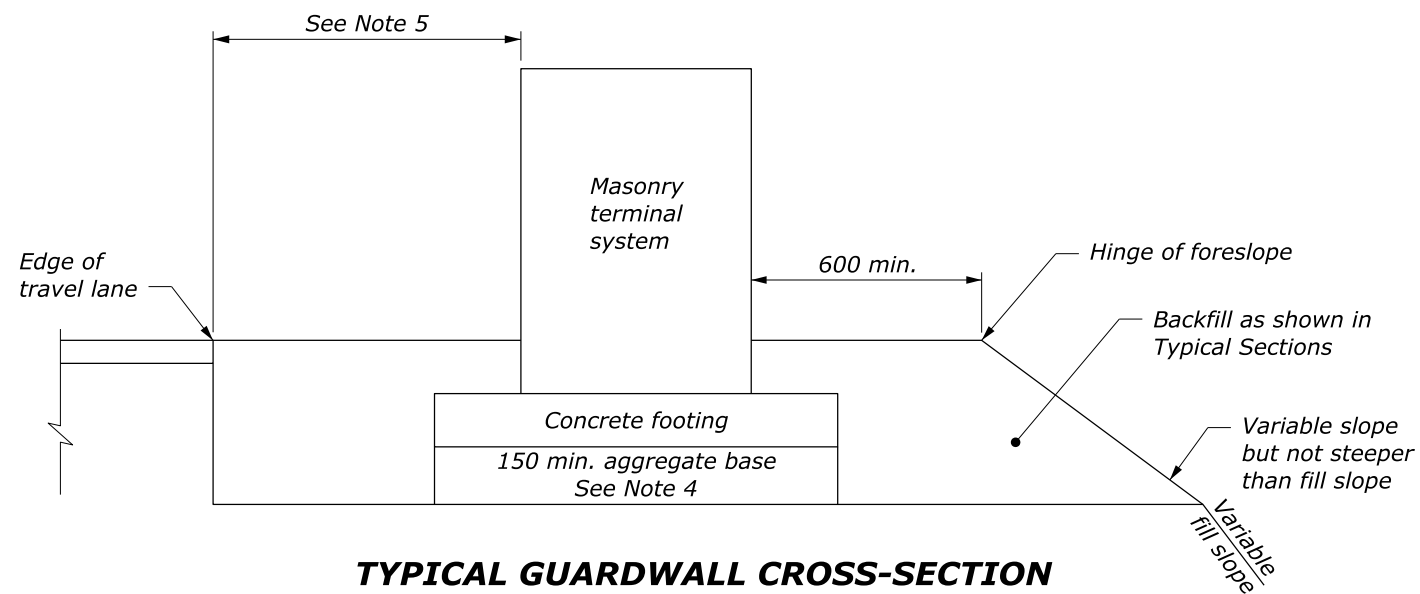
U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD 620-3
<b>STONE MASONRY GUARDWALL TERMINAL SYSTEMS TYPE SAT AND TYPE BT</b>	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 2/2024



**PLAN**

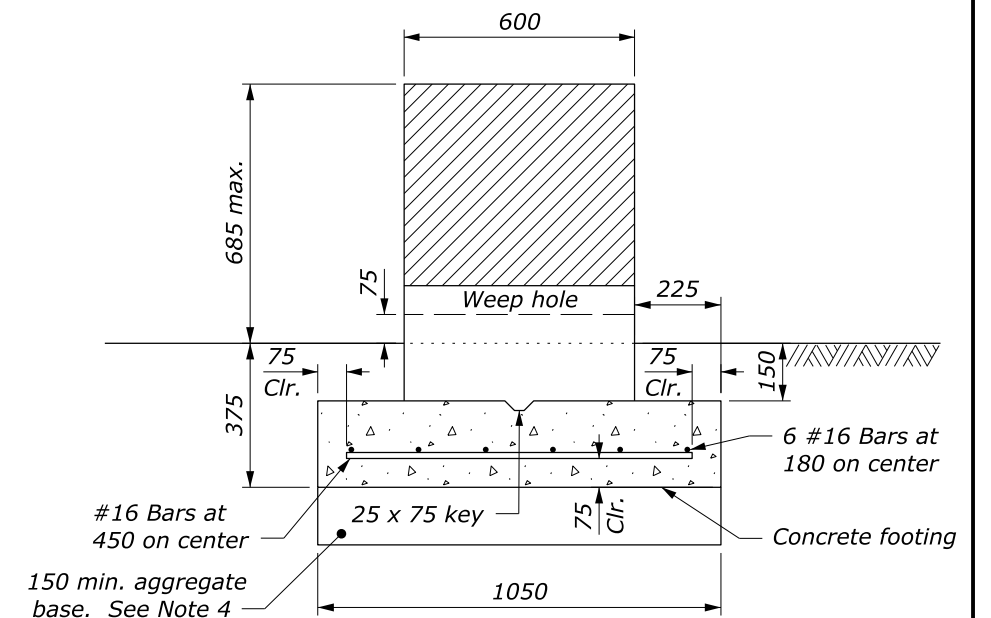


**ELEVATION**



**TYPICAL GUARDWALL CROSS-SECTION**

Design Speed (km/h)	Shy Line Offset (meters)	Flare Rate (a:b)	
		Inside Shy Line	Outside Shy Line
100	2.4	26:1	18:1
80	2.0	21:1	14:1
60	1.4	16:1	10:1
50 or less	1.1	13:1	8:1



**SECTION A-A**

- NOTE:**
1. Use the Type SAT terminal system or the Type BT terminal system as specified.
  2. Extend the fill widening a minimum of 1.5 m behind the guardwall for the Type SAT terminal system, unless otherwise directed.
  3. The plan view guardwall flare indicates the minimum length and rate required. Flare the guardwall to locate the terminal system outside the clear zone as directed.
  4. Depth of aggregate base may be less than 150 mm when the foundation is on either rock fill or solid rock.
  5. See Typical Sections for guardwall offset distance and pavement structure.

This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD M620-3
<b>STONE MASONRY GUARDWALL TERMINAL SYSTEMS TYPE SAT AND TYPE BT</b>	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 2/2024

NO SCALE