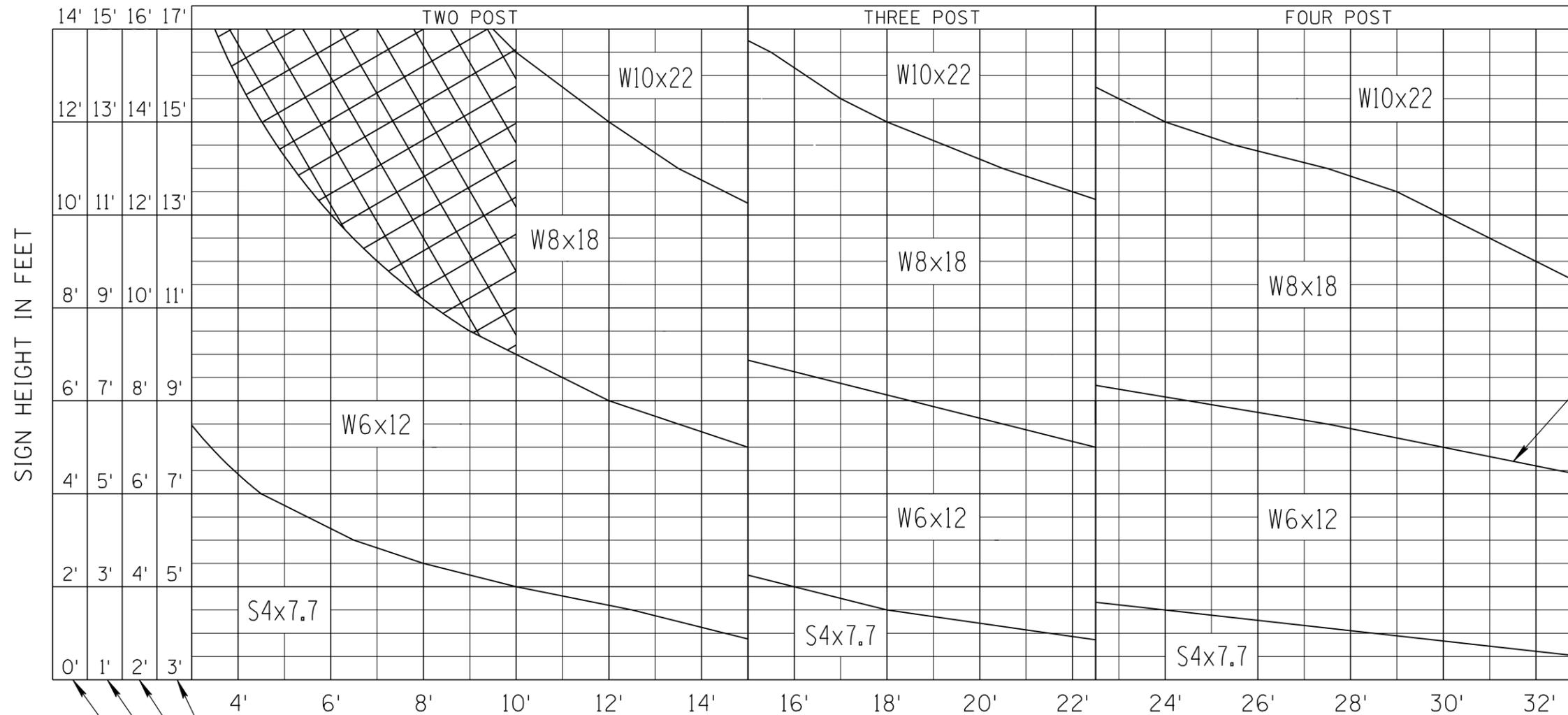


S&W SHAPE POST SELECTION CHART

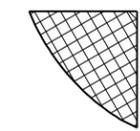


LINES INDICATE LIMIT FOR POST SIZE

- * X = 6'-0" TO 8'-0"
- * X = 8'-0" TO 10'-0"
- * X = 10'-0" TO 12'-0"
- * X = 12'-0" TO 14'-0"

SIGN WIDTH IN FEET
 DESIGN WIND SPEED = 90 MPH
 (ARIZONA SPECIAL WIND REGIONS)

LEGEND:



SIGNS WHICH FALL IN THIS AREA SHOULD BE RE-DESIGNED FOR A MINIMUM 10 FT. WIDTH.

NOTES:

- *1. "X" EQUALS THE AVERAGE HEIGHT FROM THE GROUND LINE TO THE BOTTOM EDGE OF SIGN.
2. S4x7.7 POSTS SHALL BE USED ONLY ON FREEWAYS, FOR EXIT GORE SIGNS AND SMALLER EXTRUDED PANELS.
3. ONLY EXTRUDED PANELS SHOULD BE USED ON NEW S&W POSTS. FLAT SHEET PANELS MAY BE MOUNTED TO EXISTING BREAKAWAY POSTS IF CALLED FOR ON THE PLANS.
4. THE SIGN PANEL RATIOS OF HEIGHT/WIDTH AND WIDTH/HEIGHT SHALL NOT EXCEED 15.
5. THIS CHART IS NOT APPLICABLE FOR SPECIAL WIND REGIONS. SEE THE, "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS", AND SHEET 2 OF 2 OF THIS STANDARD DRAWING FOR THE SPECIAL WIND REGION CHART.
6. ALL POSTS SHALL BE ASTM GRADE 50 KSI MATERIAL.

NOT TO SCALE

APPROVED FOR DISTRIBUTION	DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNING & MARKING STANDARD DRAWINGS	REVISION 10/10
	APPROVED FOR DISTRIBUTION	S&W SHAPE POST SELECTION CHART (SPECIAL WIND REGIONS) (BREAKAWAY SIGN POST DESIGN)	DRAWING NO. S-2 SHEET NO. 2 OF 2