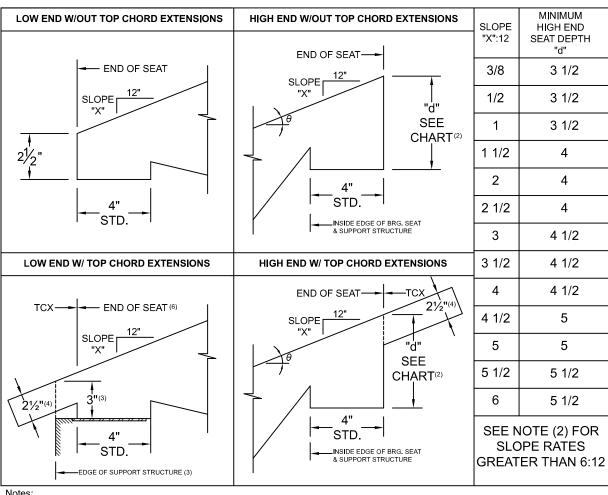
Steel Joist Institute - SJI COSP - 2020

TABLE 2.2-2 SLOPED SEAT REQUIRMENTS FOR SLOPES 3/8":12 AND GREATER K-SERIES OPEN WEB STEEL JOISTS



Notes:

- (1) Depths shown are the minimum required for manufacturing of sloped seats. Depths may vary depending on actual bearing conditions.
- (2) $d = 1/2 + 2.5/\cos\theta + 4\tan\theta$ (Rounded up to the nearest 1/2".)
- (3) Clearance must be checked at outer edge of support. Increase bearing depths as required to allow passage of 2 1/2" deep extension.
- (4) If extension depth greater than 2 1/2" is required, increase bearing depths accordingly.
- (5) If slope is 1/4: 12 or less, sloped seats are not required.(6) Required bearing seat depth is determined at END OF SEAT.
- (7) Also refer to SJI Specification 5.4 for special considerations of joist end reaction location.

