APPROVED

City Transportation Engineer

11/03/2022

Date

CITY OF BELLINGHAM

HEAD-IN ANGLE PARKING MARKING DETAIL

DRAWING TC-350

| Angle (θ) | Stall Depth (A) | Stall Spacing (B) | | Min. Width of Adjacent Lane* (W) |
|---|---|---|---|---|
| | | 8.5-ft Stalls | 9.0-ft Stalls | |
| 45° | 17' 8" | 12' 0" | 12' 9" | 12' 8" |
| 50° | 18' 3" | 11' 1" | 11' 9" | 13' 3" |
| 55° | 18' 8" | 10' 5" | 11' 0" | 13' 8" |
| 60° | 19' 0" | 9' 10" | 10' 5" | 14' 6" |
| 65° | 19' 2" | 9' 5" | 9' 11" | 15' 5" |
| 70° | 19' 3" | 9' 1" | 9' 7" | 16' 6" |
| 90° | 18' 0" | 8' 6" | 9' 0" | 24' 0" |

*On streets without marked centerline or lane line, adjacent lane width is the total roadway width.

NOTES:

1. Stall width shall be 9 feet in commercial areas and Urban Villages. Stall width may be reduced to 8.5 feet in residential areas outside urban villages.
2. Parking stall markings shall be white 4" preformed thermoplastic or methyl methacrylate (MMA).
3. Parking buffer may be sidewalk (CG-230), parkway sidewalk (CG-238), or landscaped with intermittent loading/unloading pads. Buffer width shall be a minimum of 5 feet if landscaped or will include street trees.
4. Head-in angle parking is prohibited on streets with existing or planned bicycle lanes and streets with posted speed limit > 25 mph. Placement of head-in angle parking shall comply with RCW 46.61.570.

