

NOTES:

- SURFACE TEXTURE OF RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING TRAVERSE TO THE SLOPE OF THE RAMP.
- CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES.
- 3. DRAINAGE STRUCTURES SHOULD NOT BE PLACED IN LINE WITH THE RAMP. LOCATION OF THE HANDICAP RAMP SHOULD TAKE PRECEDENCE OVER LOCATION OF NEW STORM DRAINAGE STRUCTURE INSTALLATIONS.
- 4. THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. RAMP LIP TO BE 1/4" ABOVE THE GUTTER LINE.
- 5. CROSSWALK AND STOP LINE MARKINGS, IF USED, SHALL BE SO LOCATED TO STOP TRAFFIC SHORT OF RAMP CROSSINGS.
- 6. THE DESIGN ENGINEER SHALL ENSURE ALL INTERSECTION RAMPS ARE DESIGNED IN CONFORMANCE WITH ADA REQUIREMENTS.

- TRUNCATED DOMES SHALL BE INSTALLED AT THE BOTTOM 2' OF RAMPS. WIDTH OF RAMPS MAY VARY. BRICK RED COLOR ONLY ON TRUNCATED DOMES.
- 8. CONCRETE IN RAMP AREAS SHALL BE 6" REINFORCED (24" O.C) USING 4,000 PSI MIX (MIN. 6.5 SACK).
- ALL 6" REINFORCED CONCRETE IN RAMP AREAS SHALL BE DOWELED INTO CURB AND GUTTER (18" O.C.)
- 10. DOWEL INTO EXISTING CONCRETE AS DIRECTED BY CITY ENGINEER'S OFFICE.
- 11. DOWELS SHALL BE #3 STRAIGHT (SMOOTH) BAR WITH A MIN. LENGTH OF 12" MIN. EMBED DEPTH SHALL BE 3"
- 12. ACI CERTIFICATION IS REQUIRED FOR PLACING AND FINISHING CONCRETE IN THE RIGHT-OF-WAY.

DOUBLE HANDICAP RAMPS AT ROUNDED SIDEWALK BOULEVARD AREAS

OFFICE OF CITY ENGINEER GREAT FALLS, MONTANA

REVISED: OCTOBER 2023

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