



NOTES :

1. SURFACE TEXTURE OF RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING TRAVERSE TO THE SLOPE OF THE RAMP.
2. 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.
7. 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).
9. ALL 6" REINFORCED CONCRETE IN RAMPS 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 CORNERS IN BOULEVARD AREAS

OFFICE OF CITY ENGINEER
GREAT FALLS, MONTANA

REVISED: OCTOBER 2023

5 - 20