

NOTE A INITIAL SECTION REQUIREMENTS

USE	MINIMUM LENGTHS	MAXIMUM GRADE
RESIDENTIAL	20'	5%
COMMERCIAL	40'	5%
INDUSTRIAL	60'	5%

NOTE B RAMP SECTION REQUIREMENTS

- MINIMUM LENGTH OF RAMP TRANSITION IS 12' BETWEEN GRADE BREAKS
- MAXIMUM GRADE BREAK IS 5%
- 15% RAMP GRADE MAXIMUM WITH NO PARKING
- 5% RAMP GRADE MAXIMUM WITH PARKING
- $-\alpha \leq 5\%$

GENERAL NOTES

- 1. THIS STANDARD APPLIES TO ALL VEHICULAR RAMPS, COVERED AND UNCOVERED
- 2. ALL PARKING LAYOUT SHALL CONFORM TO CITY OF APW STD 470 & 471.
- 3. HELICAL RAMPS SHALL HAVE A MINIMUM OUTER RADIUS OF 35'.

PARKING STRUCTURE RAMP



CITY ENGINEER

10/02/18 DATE DIRECTOR OF PUBLIC WORKS DATE

STANDARD DETAIL

402 SHEET 1 OF 1

DEPARTMENT OF PUBLIC WORKS