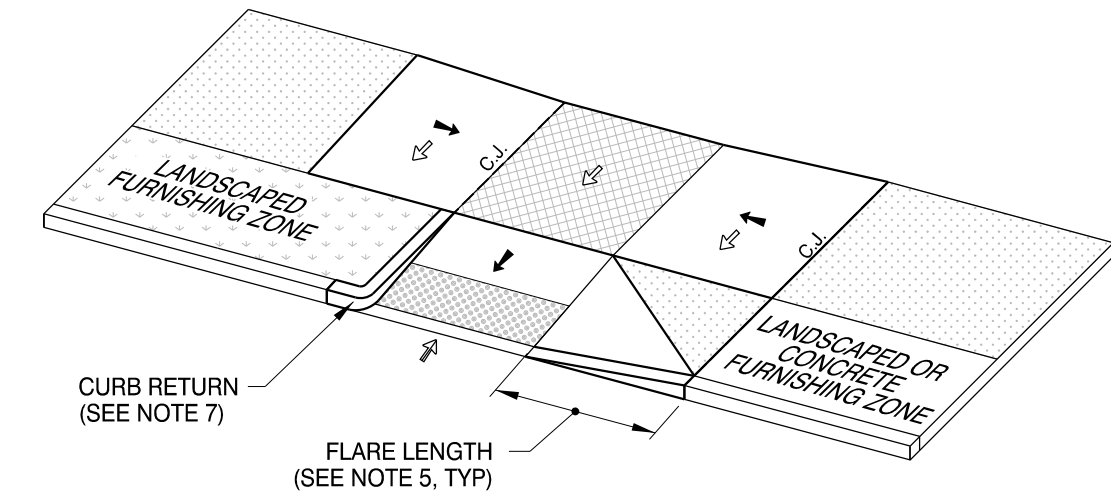
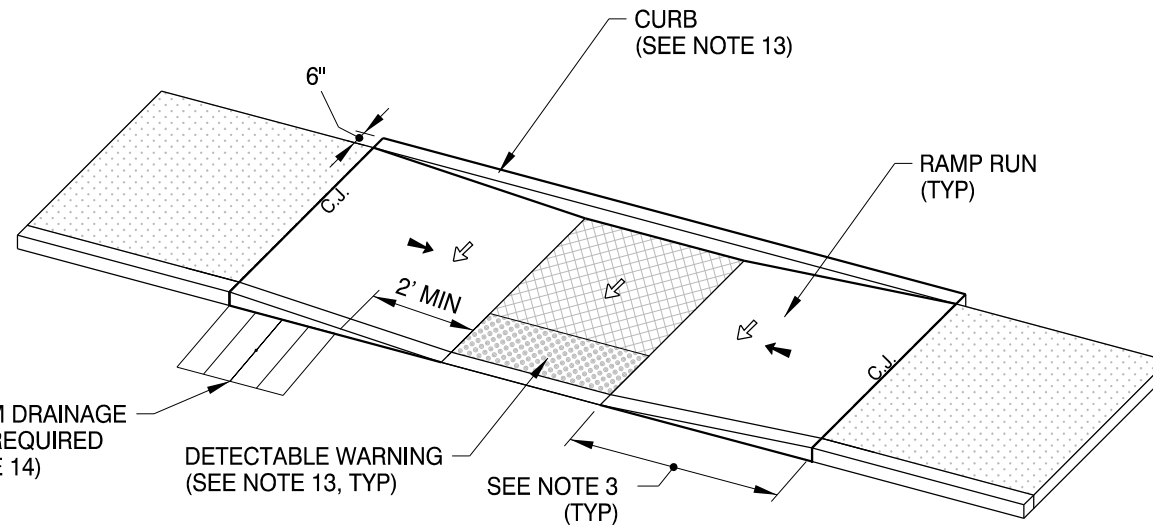


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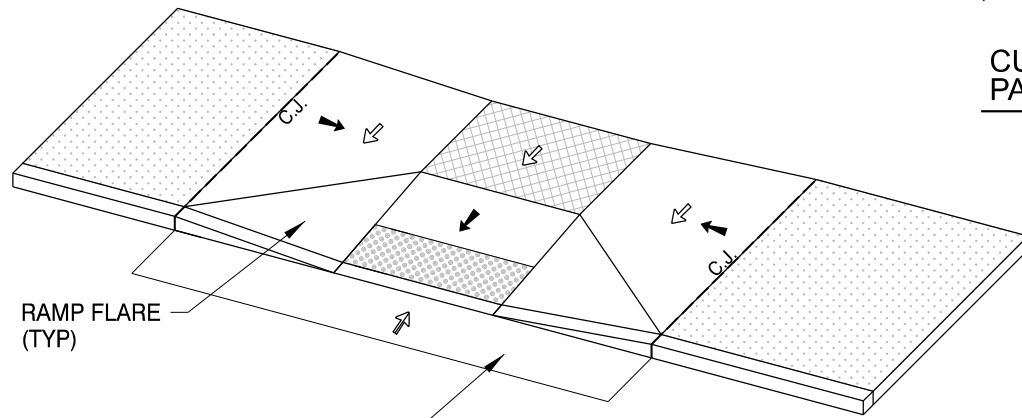
SEPARATED SIDEWALK - COMBINATION CURB RAMP DETAIL

A



CURB TIGHT SIDEWALK - PARALLEL CURB RAMP DETAIL

B



CURB TIGHT SIDEWALK - COMBINATION CURB RAMP DETAIL

C

- SIDEWALK OR OTHER TRAVERSABLE SURFACE
- DETECTABLE WARNING SURFACE
- FLAT LANDING 2% MAX (TURNING SPACE/LANDING)
- CROSS SLOPE 2% MAX (USE 1.5% FOR DESIGN) (NORMAL SIDEWALK CROSS SLOPE)
- RUNNING SLOPE 8.3% MAX (USE 7.2% FOR DESIGN)
- COUNTER SLOPE +/-5% MAX
- C.J. CONTRACTION JOINT

NOTES:

1. CONSTRUCT 6" THICK SIDEWALK AT CURB RAMPS. SEE STD. DRG. NO. P-551 FOR DETAILS NOT SHOWN.
2. TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP SLOPE BREAK LINES.
3. THE RUNNING SLOPE MAY EXCEED 8.3% WHEN THE RAMP RUN LENGTH IS AT LEAST 15'.
4. CURB RAMP WIDTH 5' NORMAL (4' MIN).
5. FLARE LENGTH IS 6' FOR A 6" CURB EXPOSURE, OR EQUIVALENT RATIO.
6. CONSTRUCT GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN.
7. A CURB RETURN INSTEAD OF A FLARE MAY ONLY BE USED WHEN THE ADJACENT FURNISHING ZONE IS LANDSCAPED.
8. CONSTRUCT ALL CURB RAMPS PERPENDICULAR TO CURB.
9. CURB RAMP AT STREET INTERFACE SHALL BE LOCATED IN THE LEGAL CROSSWALK.
10. SEE STD. DRG. NO. P-549 FOR TRANSITION PANELS.
11. FLAT LANDING 4'X4' MIN. PROVIDE AN ADDITIONAL FOOT FOR CLEARANCE ADJACENT TO VERTICAL OBSTRUCTIONS (CURBS, WALLS, FENCES, POLES, ETC).
12. GRADE BREAK AT BOTTOM OF RAMP 11% MAX. SEE STD. DRG. NO. P-549.
13. SEE STD. DRG. NO. P-550 FOR MISC. CURB RAMP DETAILS.
14. CHECK THE GUTTER FLOW DEPTH TO ASSURE THAT STORMWATER DOES NOT OVERTOP THE BACK OF SIDEWALK. PLACE INLET OR OTHER MITIGATION IF BACK OF WALK IS LESS THAN 3" ABOVE GUTTER LINE.

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| The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user. | PORTLAND BUREAU OF TRANSPORTATION City Engineer | | |
| | Standard Drawing Title MIDBLOCK CURB RAMP | | |
| | Note: All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications. | Effective Date: 05/18/2022 Calc. Book No.: N/A Std. Drg. Report Date: 03/17/2022 | Standard Drawing No. P-547 |
| | Note: All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications. | | |