

City of Janesville
 Engineering Division
 January - 2013

last revision: January 2016

NEW SIDEWALK

NOT TO SCALE

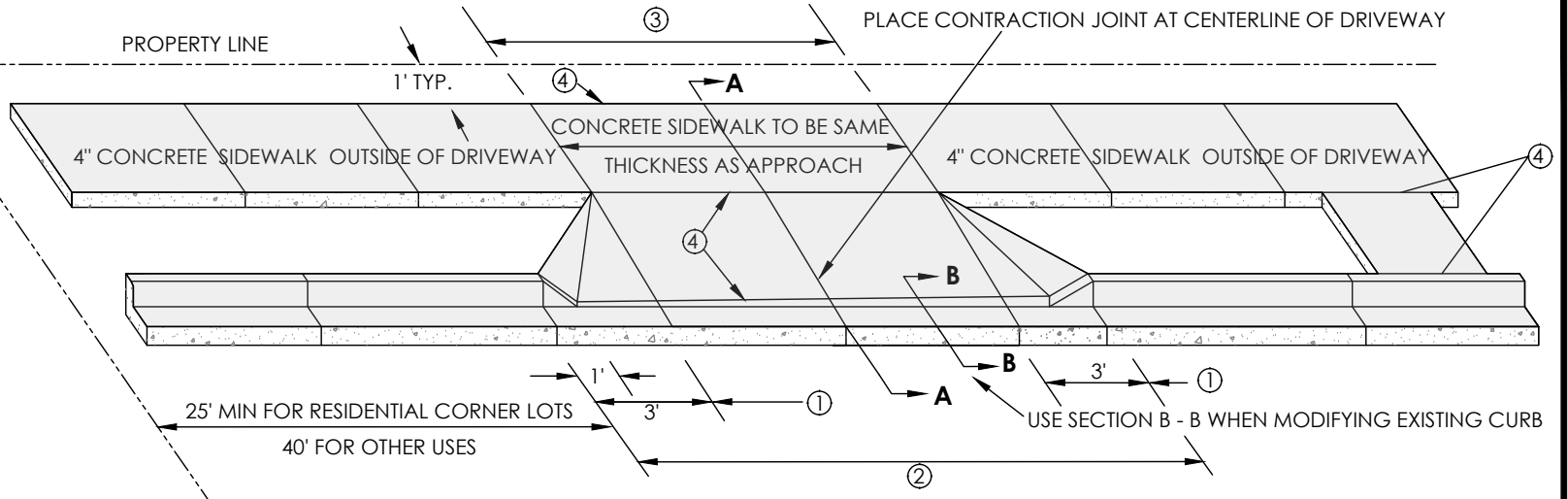
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DETAIL # 16

Curb Line Distance	Terrace Width		Terrace Slope		Driveway Approach Slope		Elevation of Front of Walk above the top of curb terrace slopes = 2.0%		Elevation of Back of Walk above the top of curb (standard 5.0' sidewalk width & standard 6" high curb)					
	feet	feet	%	%	%	%	feet	inches	feet	inches	feet	inches	feet	inches
9	2.5	2.5	2.00	2.00	18.3	18.3	0.05	5/8"	0.10	1-1/4"	0.13	1-9/16"	0.15	1-7/8"
10	3.5	3.5	2.00	2.00	14.3	14.3	0.07	13/16"	0.12	1-7/16"	0.15	1-3/4"	0.17	2-1/16"
11	4.5	4.5	2.00	2.00	11.8	11.8	0.09	1-1/16"	0.14	1-11/16"	0.17	2"	0.19	2-5/16"
12	5.5	5.5	2.00	2.00	10.2	10.2	0.11	1-5/16"	0.16	1-15/16"	0.19	2-1/4"	0.21	2-9/16"
13	6.5	6.5	2.00	2.00	9.0	9.0	0.13	1-9/16"	0.18	2-3/16"	0.21	2-1/2"	0.23	2-13/16"
14	7.5	7.5	2.00	2.00	8.1	8.1	0.15	1-13/16"	0.20	2-7/16"	0.23	2-3/4"	0.25	3-1/16"
15	8.5	8.5	2.00	2.00	7.4	7.4	0.17	2-1/16"	0.22	2-11/16"	0.25	3"	0.27	3-5/16"
16	9.5	9.5	2.00	2.00	6.9	6.9	0.19	2-1/4"	0.24	2-7/8"	0.27	3-3/16"	0.29	3-1/2"
17	10.5	10.5	2.00	2.00	6.5	6.5	0.21	2-1/2"	0.26	3-1/8"	0.29	3-7/16"	0.31	3-3/4"
18	11.5	11.5	2.00	2.00	6.1	6.1	0.23	2-3/4"	0.28	3-3/8"	0.31	3-11/16"	0.33	4"
19	12.5	12.5	2.00	2.00	5.8	5.8	0.25	3"	0.30	3-5/8"	0.33	3-15/16"	0.35	4-1/4"
20	13.5	13.5	2.00	2.00	5.5	5.5	0.27	3-1/4"	0.32	3-7/8"	0.35	4-3/16"	0.37	4-1/2"
21	14.5	14.5	2.00	2.00	5.3	5.3	0.29	3-1/2"	0.34	4-1/8"	0.37	4-7/16"	0.39	4-3/4"
22	15.5	15.5	2.00	2.00	5.1	5.1	0.31	3-3/4"	0.36	4-3/8"	0.39	4-11/16"	0.41	5"
23	16.5	16.5	2.00	2.00	4.9	4.9	0.33	3-15/16"	0.38	4-9/16"	0.41	4-7/8"	0.43	5-3/16"
24	17.5	17.5	2.00	2.00	4.7	4.7	0.35	4-3/16"	0.40	4-13/16"	0.43	5-1/8"	0.45	5-7/16"
25	18.5	18.5	2.00	2.00	4.6	4.6	0.37	4-7/16"	0.42	5-1/16"	0.45	5-3/8"	0.47	5-11/16"
26	19.5	19.5	2.00	2.00	4.5	4.5	0.39	4-11/16"	0.44	5-5/16"	0.47	5-5/8"	0.49	5-15/16"
27	20.5	20.5	2.00	2.00	4.3	4.3	0.41	4-15/16"	0.46	5-9/16"	0.49	5-7/8"	0.51	6-3/16"
28	21.5	21.5	2.00	2.00	4.2	4.2	0.43	5-3/16"	0.48	5-13/16"	0.51	6-1/8"	0.53	6-7/16"
29	22.5	22.5	2.00	2.00	4.1	4.1	0.45	5-3/8"	0.50	6"	0.53	6-5/16"	0.55	6-5/8"
30	23.5	23.5	2.00	2.00	4.0	4.0	0.47	5-5/8"	0.52	6-1/4"	0.55	6-9/16"	0.57	6-7/8"

- 1) A 9.5' wide or wider terrace width typically provides for desirable drive approach slopes and ADA compliant curb ramp slopes of 7% or less .
- 2) Where terrace widths are less than 9.5' wide adjustments will likely be necessary to provide ADA compliant curb ramps at corners and mid block crossings. Contact the City's sidewalk inspector prior to installation.
- 3) Where existing conditions are such that the terrace slopes away from the curb and gutter instead of toward the curb & gutter contact the City sidewalk inspector to discuss sidewalk grades prior to installation.
- 4) One inch (1") of fall across a five foot (5') wide sidewalk = 1.667% or just over 3/16" per foot transverse slope.

DRIVEWAY APPROACH



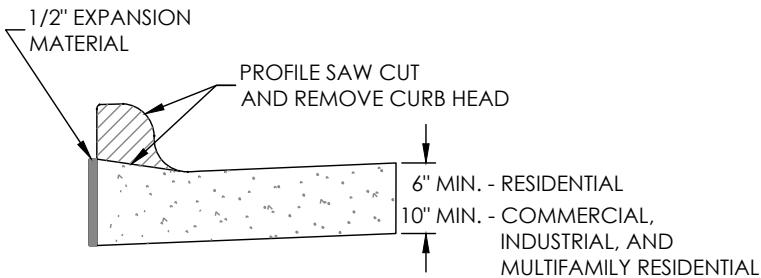
THESE STANDARDS APPLY FOR SINGLE OR DOUBLE DRIVEWAYS. DOUBLE DRIVEWAYS SHALL HAVE AT LEAST 10' ON EACH PROPERTY. APPROACHES SHALL BE 6" CONCRETE OR 2" ASPHALT (MIN) FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL DRIVEWAYS. APPROACHES FOR COMMERCIAL, INDUSTRIAL, OR MULTI-FAMILY RESIDENTIAL SITES MAY NEED TO BE 8" CONCRETE OR THICKER.

THE SITE PLAN REVIEW COORDINATOR AND CITY ENGINEER MAY APPROVE WIDER OPENINGS FOR SPECIAL CONDITIONS.

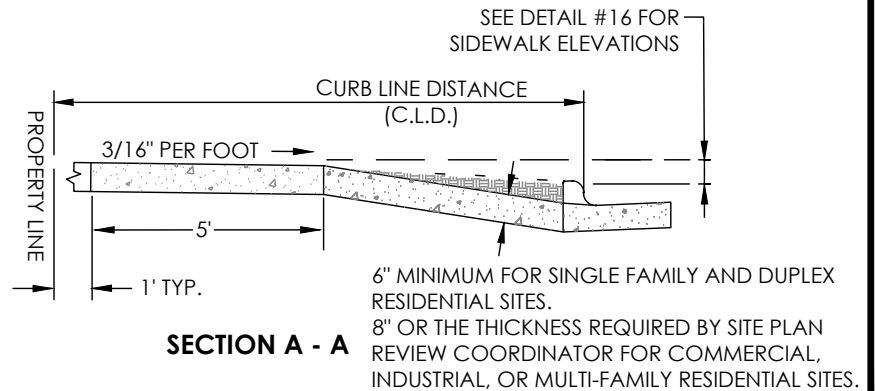
REMOVE AND REPLACE THE ENTIRE CURB AND GUTTER THROUGH THE DRIVEWAY OPENING OR PROFILE SAW CUT AND REMOVE THE CURB HEAD USING A CONCRETE SAW DESIGNED FOR THIS PURPOSE.

- ① DRIVEWAY FLARE ON EACH SIDE SHALL EQUAL 0.6 TIMES THE DISTANCE BETWEEN THE WALK AND THE BACK OF THE CURB, BUT NOT TO EXCEED 3 FEET.
- ② 30' MAX RESIDENTIAL WITH 1 CAR GARAGE
 36' MAX RESIDENTIAL WITH 2 OR 3 CAR GARAGE AND USES OTHER THAN RESIDENTIAL
 42' MAX DUPLEX 2 CAR SIDE-BY-SIDE
 PER APPROVED SITE PLAN FOR COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY RESIDENTIAL SITES
- ③ 24' MAX RESIDENTIAL WITH 1 CAR GARAGE
 30' MAX RESIDENTIAL WITH 2 OR 3 CAR GARAGE AND USES OTHER THAN RESIDENTIAL
 36' MAX DUPLEX 2 CAR SIDE-BY-SIDE
- ④ EXPANSION JOINT MATERIAL

NOTE: A CURB OPENING PERMIT IS REQUIRED FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL SITES. SITE PLAN APPROVAL IS REQUIRED FOR COMMERCIAL, INDUSTRIAL, AND MULTI-FAMILY RESIDENTIAL SITES. CONTACT THE BUILDING AND DEVELOPMENT SERVICES DIVISION 608-755-3060.



SECTION B - B



SECTION A - A