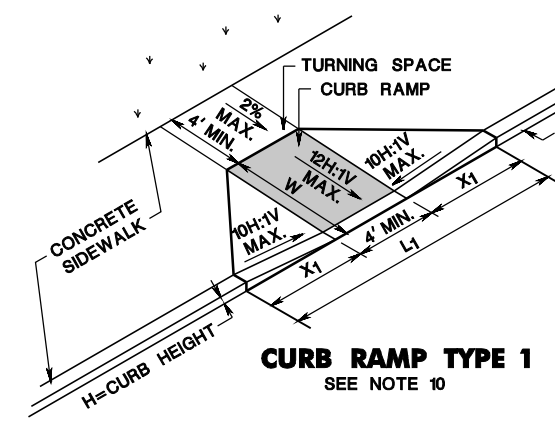
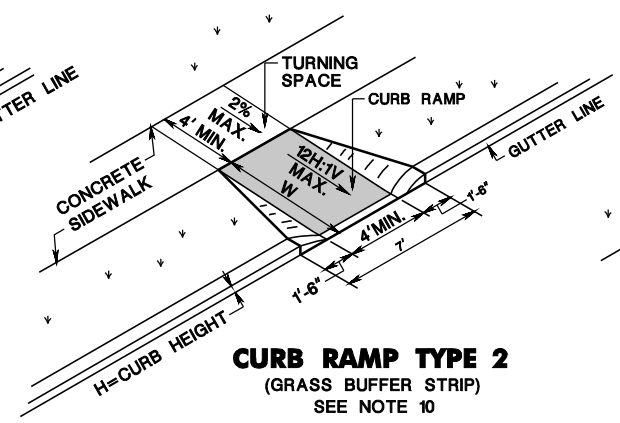


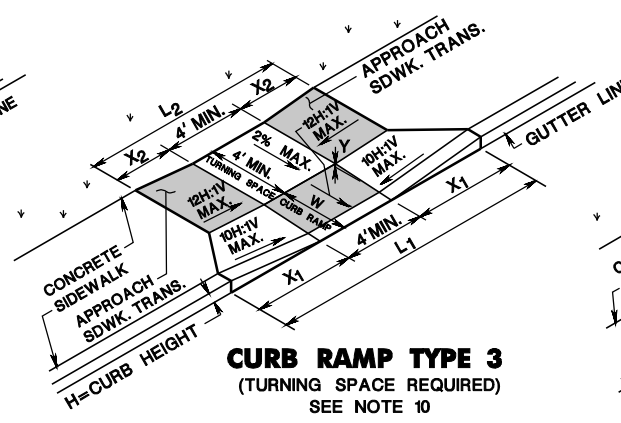
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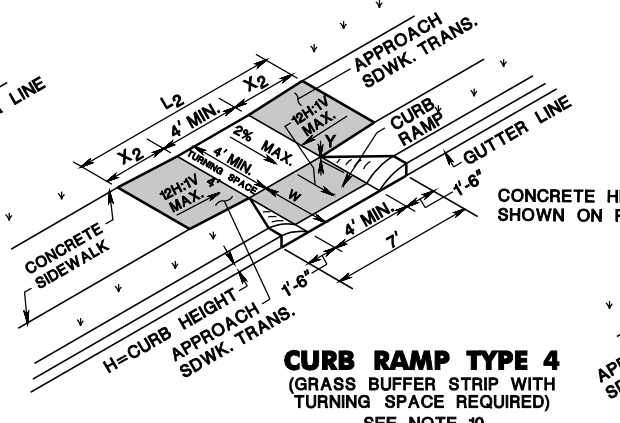
CURB RAMP TYPE 1
SEE NOTE 10



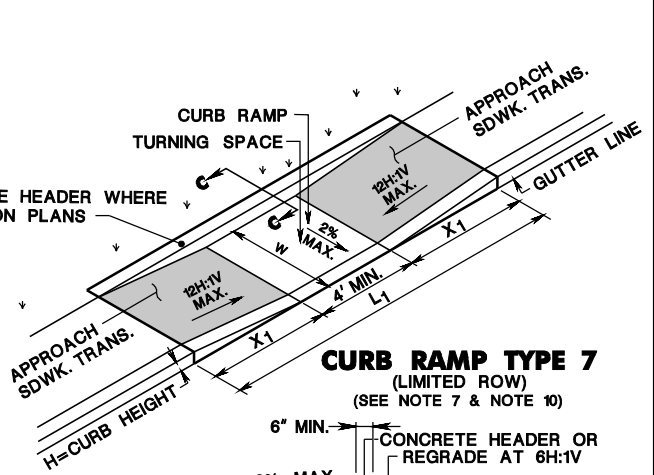
CURB RAMP TYPE 2
(GRASS BUFFER STRIP)
SEE NOTE 10



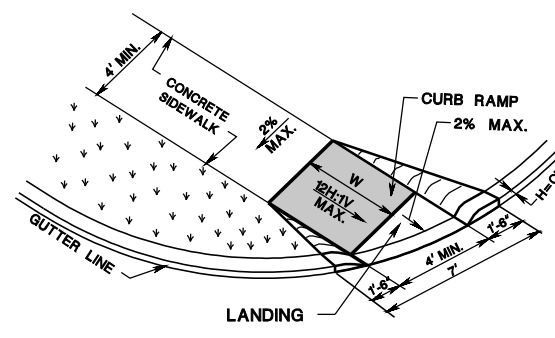
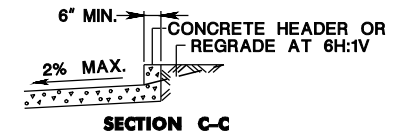
CURB RAMP TYPE 3
(TURNING SPACE REQUIRED)
SEE NOTE 10



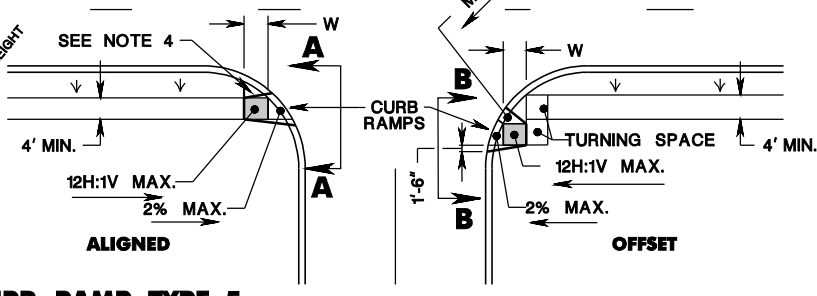
CURB RAMP TYPE 4
(GRASS BUFFER STRIP WITH
TURNING SPACE REQUIRED)
SEE NOTE 10



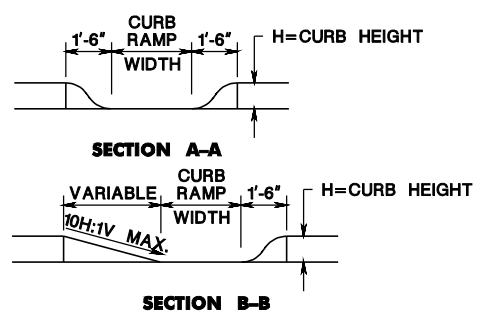
CURB RAMP TYPE 7
(LIMITED ROW)
(SEE NOTE 7 & NOTE 10)



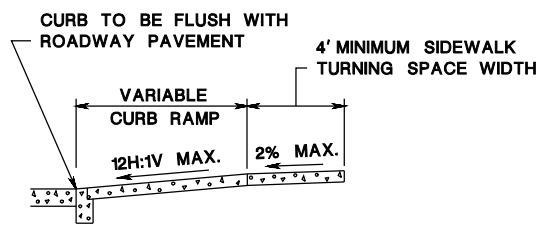
CURB RAMP TYPE 5



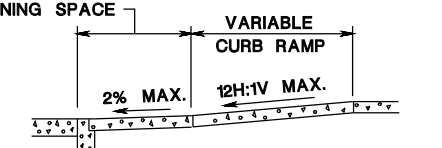
CURB RAMP TYPE 6



NOTE:
CURB RAMP OPENING TO BE FLUSH WITH ROADWAY PAVEMENT (CURB RAMP TYPES 5 & 6).



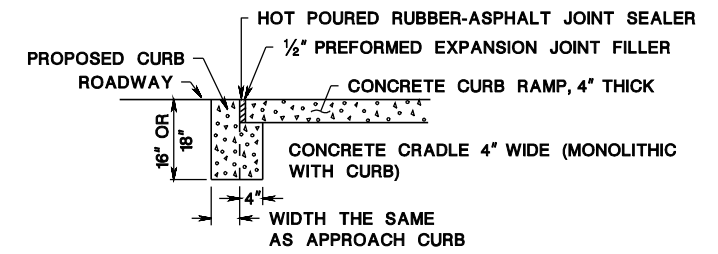
SECTION THROUGH CURB RAMPS 1 THROUGH 4



SECTION THROUGH CURB RAMPS 5 AND 6

NOTES:

- KEEP TURNING SPACE, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP CLEAR OF OBSTRUCTIONS THAT PROTRUDE ABOVE THE SURFACE.
- FOR DIMENSIONS SEE CD-606-3 AND CD-606-4
- CURB (DROPPED CURB) GUTTERLINE TO BE FLUSH WITH ROADWAY PAVEMENT THE ENTIRE WIDTH OF THE RAMP (4 FEET MIN.) AT ALL CURB RAMPS.
- FOR CURB RAMP TYPES 5 AND 6, IF A GRASS BUFFER DOES NOT EXIST, SLOPE CURB TO EQUAL SLOPE OF ADJACENT CURB RAMP.
- SIDEWALK AND CURB RAMP WITHIN AREA ENCLOSED BY HEAVY LINES INDICATES THE PAY LIMIT FOR CONCRETE SIDEWALK OF THE APPROPRIATE ADJACENT THICKNESS.
- CURB AND HEADER WITHIN AREA ENCLOSED BY HEAVY LINES INDICATES THE PAY LIMIT FOR VERTICAL CURB OR SLOPING CURB OF THE APPROPRIATE ADJACENT SIZE AND KIND.
- WHERE THE DISTANCE FROM THE GUTTER LINE TO THE OUTSIDE EDGE OF SIDEWALK IS 6 FEET OR LESS, USE CURB RAMP TYPE 7, INSTEAD OF CURB RAMP TYPE 1 THROUGH 4.
- CROSSWALKS AND STOP LINES MAY BE MARKED OR UNMARKED. SEE PLANS.
- THE 12H:1V MAX SLOPE IS THE RUNNING SLOPE FOR CURB RAMPS, BUT ONLY THE 12H:1V SLOPE MEASURED AS X_2 IS THE RUNNING SLOPE FOR TYPE 3 AND TYPE 4 CURB RAMPS. ENSURE THE RUNNING SLOPE OF CURB RAMPS DOES NOT REQUIRE ITS LENGTH TO EXCEED 15 FEET. THE RUNNING SLOPE MAY EXCEED THE 12H:1V MAX SLOPE SO AS NOT TO EXCEED THE 15 FEET MAXIMUM LENGTH.
- CURB RAMP TYPE 1 THROUGH 7 ARE NORMALLY PLACED ON THE RADIUS RETURN AT THE INTERSECTION AND ON A TANGENT SECTION AS DRAWN.



DROPPED CURB AND CRADLE

CONCRETE SIDEWALK
(PUBLIC SIDEWALK CURB RAMP)
N.T.S.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CURB RAMPS

CD-606-1.1

CD-606-1

CURB RAMP TYPE 1

0.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	2.50	2.50	9.00
4	4	3.33	3.33	10.67
5	5	4.17	4.17	12.33
6	6	5.00	5.00	14.00
7	7	5.83	5.83	15.67
8	8	6.67	6.67	17.33
9	9	7.50	7.50	19.00

1.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	2.78	2.27	9.05
4	4	3.70	3.03	10.73
5	5	4.63	3.79	12.42
6	6	5.56	4.55	14.10
7	7	6.48	5.30	15.78
8	8	7.41	6.06	17.47
9	9	8.33	6.82	19.15

2.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	3.13	2.08	9.21
4	4	4.17	2.78	10.94
5	5	5.21	3.47	12.68
6	6	6.25	4.17	14.42
7	7	7.29	4.86	16.15
8	8	8.33	5.56	17.89
9	9	9.38	6.25	19.63

3.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	3.57	1.92	9.49
4	4	4.76	2.56	11.33
5	5	5.95	3.21	13.16
6	6	7.14	3.85	14.99
7	7	8.33	4.49	16.82
8	8	9.52	5.13	18.65
9	9	10.71	5.77	20.48

4.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	4.17	1.79	9.95
4	4	5.56	2.38	11.94
5	5	6.94	2.98	13.92
6	6	8.33	3.57	15.90
7	7	9.72	4.17	17.89
8	8	11.11	4.76	19.87
9	9	12.50	5.36	21.86

5.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	5.00	1.67	10.67
4	4	6.67	2.22	12.89
5	5	8.33	2.78	15.11
6	6	10.00	3.33	17.33
7	7	11.67	3.89	19.56
8	8	13.33	4.44	21.78
9	9	15.00	5.00	24.00

6.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	6.25	1.56	11.81
4	4	8.33	2.08	14.42
5	5	10.42	2.60	17.02
6	6	12.50	3.13	19.63
7	7	14.58	3.65	22.23
8	8	16.67	4.17	24.84
9	9	18.75	4.69	27.45

7.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	3	8.33	1.47	13.80
4	4	11.11	1.96	17.07
5	5	13.89	2.45	20.34
6	6	16.67	2.94	23.61
7	7	19.44	3.43	26.88
8	8	22.22	3.92	30.15
9	9	25.00	4.41	33.42

CURB RAMP TYPE 3

0.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	2.50	2.50	9.00	2.75	0.91	0.91	5.82	
4	4	3.33	3.33	10.67	2.75	1.91	1.91	7.82	
5	5	4.17	4.17	12.33	2.75	2.91	2.91	9.82	
6	6	5.00	5.00	14.00	2.75	3.91	3.91	11.83	
7	7	5.83	5.83	15.67	2.75	4.91	4.91	13.83	
8	8	6.67	6.67	17.33	2.75	5.91	5.91	15.83	
9	9	7.50	7.50	19.00	2.75	6.91	6.91	17.83	

1.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	3.33	3.33	10.67	3.0	1.72	1.72	7.44	
4	4	4.17	4.17	12.33	3.0	2.72	2.72	9.44	
5	5	5.00	5.00	14.00	3.0	3.72	3.72	11.45	
6	6	5.83	5.83	15.67	3.0	4.72	4.72	13.45	
7	7	6.67	6.67	17.33	3.0	5.72	5.72	15.45	
8	8	7.50	7.50	19.00	3.0	6.72	6.72	17.45	

2.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	4.17	4.17	12.33	3.5	2.34	2.34	8.68	
4	4	5.00	5.00	14.00	3.5	3.34	3.34	10.69	
5	5	5.83	5.83	15.67	3.5	4.34	4.34	12.69	
6	6	6.67	6.67	17.33	3.5	5.34	5.34	14.69	
7	7	7.50	7.50	19.00	3.5	6.34	6.34	16.69	

3.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	5.00	5.00	14.00	4.0	2.96	2.96	9.93	
4	4	5.83	5.83	15.67	4.0	3.96	3.96	11.93	
5	5	6.67	6.67	17.33	4.0	4.96	4.96	13.93	
6	6	7.50	7.50	19.00	4.0	5.96	5.96	15.93	

4.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	6.25	6.25	17.02	4.5	3.58	3.58	12.51	
4	4	7.50	7.50	19.00	4.5	4.58	4.58	14.51	
5	5	8.75	8.75	20.98	4.5	5.58	5.58	16.51	
6	6	10.00	10.00	23.00	4.5	6.58	6.58	18.51	
7	7	11.25	11.25	25.00	4.5	7.58	7.58	20.51	

5.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	7.50	7.50	21.86	5.0	4.17	4.17	13.92	
4	4	8.75	8.75	23.89	5.0	5.17	5.17	15.92	
5	5	10.00	10.00	25.92	5.0	6.17	6.17	17.92	
6	6	11.25	11.25	27.95	5.0	7.17	7.17	19.92	
7	7	12.50	12.50	29.98	5.0	8.17	8.17	21.92	

6.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	8.75	8.75	23.89	5.5	4.76	4.76	15.33	
4	4	10.00	10.00	25.92	5.5	5.76	5.76	17.33	
5	5	11.25	11.25	27.95	5.5	6.76	6.76	19.33	
6	6	12.50	12.50	29.98	5.5	7.76	7.76	21.33	
7	7	13.75	13.75	31.99	5.5	8.76	8.76	23.33	

7.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	10.00	10.00	27.95	6.0	5.36	5.36	16.74	
4	4	11.25	11.25	29.98	6.0	6.36	6.36	18.74	
5	5	12.50	12.50	31.99	6.0	7.36	7.36	20.74	
6	6	13.75	13.75	33.99	6.0	8.36	8.36	22.74	
7	7	15.00	15.00	35.99	6.0	9.36	9.36	24.74	

8.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	11.25	11.25	31.99	6.5	5.96	5.96	18.15	
4	4	12.50	12.50	33.99	6.5	6.96	6.96	20.15	
5	5	13.75	13.75	35.99	6.5	7.96	7.96	22.15	
6	6	15.00	15.00	37.99	6.5	8.96	8.96	24.15	
7	7	16.25	16.25	39.99	6.5	9.96	9.96	26.15	

1.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	2.78	2.27	9.05	2.75	1.04	0.81	5.85	
4	4	3.70	3.03	10.73	2.75	2.17	1.71	7.88	
5	5	4.63	3.79	12.42	2.75	3.31	2.60	9.91	
6	6	5.56	4.55	14.10	2.75	4.45	3.49	11.94	
7	7	6.48	5.30	15.78	2.75	5.58	4.39	13.97	
8	8	7.41	6.06	17.47	2.75	6.72	5.28	16.00	
9	9	8.33	6.82	19.15	2.75	7.86	6.17	18.03	

2.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	3.13	2.08	9.21	3.0	1.20	0.73	5.93	
4	4	4.17	2.78	10.94	3.0	2.52	1.54	8.06	
5	5	5.21	3.47	12.68	3.0	3.83	2.35	10.18	
6	6	6.25	4.17	14.42	3.0	5.15	3.16	12.30	
7	7	7.29	4.86	16.15	3.0	6.47	3.96	14.43	
8	8	8.33	5.56	17.89	3.0	7.78	4.77	16.55	
9	9	9.38	6.25	19.63	3.0	9.10	5.58	18.67	

3.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET	
3	3	3.57	1.92	9.49	3.5	1.42	0.67	6.09	
4	4	4.76	2.56	11.33	3.5	2.99	1.41	8.39	
5	5	5.95	3.21	13.16	3.5	4.55	2.14	10.69	
6	6	7.14	3.85	14.99	3.5	6.11	2.88	12.99	
7	7	8.33	4.49	16.82	3.5	7.68	3.61	15.29	
8	8	9.52	5.13	18.65	3.5	9.24	4.35	17.59	
9	9	10.71	5.77	20.48	3.5	10.81	5.08	19.89	

4.0 % GUTTER LINE PROFILE									
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET	Y INCHES	X _{2U} FEET			

CURB RAMP TYPE 4

0.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	0.91	0.91	5.82		
4			1.91	1.91	7.82		
5			2.91	2.91	9.82		
6			3.91	3.91	11.82		
7			4.91	4.91	13.83		
8			5.91	5.91	15.83		
9			6.91	6.91	17.83		
3			3.0	3.0	**	**	**
4					1.72	1.72	7.44
5	2.72	2.72			9.44		
6	3.72	3.72			11.45		
7	4.72	4.72			13.45		
8	5.72	5.72			15.45		
9	6.72	6.72			17.45		
3	3.5	3.5			**	**	**
4					1.34	1.34	6.68
5			2.34	2.34	8.68		
6			3.34	3.34	10.69		
7			4.34	4.34	12.69		
8			5.34	5.34	14.69		
9			6.34	6.34	16.69		
3			4.0	4.0	**	**	**
4					1.96	1.96	7.92
5	2.96	2.96			9.93		
6	3.96	3.96			11.93		
7	4.96	4.96			13.93		
8	5.96	5.96			15.93		
9	6.96	6.96			17.93		

1.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	1.04	0.81	5.85		
4			2.17	1.71	7.88		
5			3.31	2.60	9.91		
6			4.45	3.49	11.94		
7			5.58	4.39	13.97		
8			6.72	5.28	16.00		
9			7.86	6.17	18.03		
3			3.0	3.0	0.82	0.64	5.46
4					1.96	1.54	7.49
5	3.09	2.43			9.52		
6	4.23	3.32			11.55		
7	5.37	4.22			13.58		
8	6.50	5.11			15.61		
9	7.64	6.00			17.64		
3	3.5	3.5			0.39	0.30	4.69
4					1.53	1.20	6.72
5			2.66	2.09	8.75		
6			3.80	2.98	10.78		
7			4.94	3.88	12.81		
8			6.07	4.77	14.84		
9			7.21	5.66	16.87		
3			4.0	4.0	**	**	**
4					1.09	0.86	5.95
5	2.23	1.75			7.98		
6	3.37	2.65			10.01		
7	4.50	3.54			12.04		
8	5.64	4.43			14.07		
9	6.78	5.32			16.10		

2.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	1.20	0.73	5.93		
4			2.52	1.54	8.06		
5			3.83	2.35	10.18		
6			5.15	3.16	12.30		
7			6.47	3.96	14.43		
8			7.78	4.77	16.55		
9			9.10	5.58	18.67		
3			3.0	3.0	0.95	0.58	5.53
4					2.27	1.39	7.65
5	3.58	2.20			9.78		
6	4.90	3.00			11.90		
7	6.22	3.81			14.02		
8	7.53	4.62			16.15		
9	8.85	5.42			18.27		
3	3.5	3.5			0.45	0.28	4.72
4					1.77	1.08	6.85
5			3.08	1.89	8.97		
6			4.40	2.70	11.09		
7			5.72	3.50	13.22		
8			7.03	4.31	15.34		
9			8.35	5.12	17.46		
3			4.0	4.0	**	**	**
4					1.27	0.78	6.04
5	2.58	1.58			8.16		
6	3.90	2.39			10.29		
7	5.22	3.20			12.41		
8	6.53	4.00			14.53		
9	7.85	4.81			16.66		

3.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	1.42	0.67	6.09		
4			2.99	1.41	8.39		
5			4.55	2.14	10.69		
6			6.11	2.88	12.99		
7			7.68	3.61	15.29		
8			9.24	4.35	17.59		
9			10.81	5.08	19.89		
3			3.0	3.0	1.13	0.53	5.66
4					2.69	1.27	7.96
5	4.25	2.00			10.26		
6	5.82	2.74			12.55		
7	7.38	3.47			14.85		
8	8.94	4.21			17.15		
9	10.51	4.94			19.45		
3	3.5	3.5			0.53	0.25	4.78
4					2.10	0.99	7.08
5			3.66	1.72	9.38		
6			5.22	2.46	11.68		
7			6.79	3.19	13.98		
8			8.35	3.93	16.28		
9			9.91	4.66	18.58		
3			4.0	4.0	**	**	**
4					1.50	0.71	6.21
5	3.07	1.44			8.51		
6	4.63	2.18			10.81		
7	6.19	2.91			13.11		
8	7.76	3.65			15.41		
9	9.32	4.38			17.71		

CURB RAMP TYPE 7

0.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	3.00	3.00	10.00
4		4.00	4.00	12.00
5		5.00	5.00	14.00
6		6.00	6.00	16.00
7		7.00	7.00	18.01
8		8.00	8.00	20.01
9		9.00	9.00	22.01

1.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	3.41	2.68	10.09
4		4.55	3.57	12.12
5		5.68	4.47	14.15
6		6.82	5.36	16.18
7		7.96	6.25	18.21
8		9.10	7.15	20.24
9		10.23	8.04	22.27

2.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	3.95	2.42	10.37
4		5.27	3.23	12.49
5		6.58	4.03	14.62
6		7.90	4.84	16.74
7		9.22	5.65	18.86
8		10.53	6.45	20.99
9		11.85	7.26	23.11

3.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	4.69	2.21	10.90
4		6.25	2.94	13.20
5		7.82	3.68	15.49
6		9.38	4.41	17.79
7		10.94	5.15	20.09
8		12.51	5.88	22.39
9		14.07	6.62	24.69

4.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	5.77	2.03	11.80
4		7.70	2.70	14.40
5		9.62	3.38	17.00
6		11.55	4.06	19.60
7		13.47	4.73	22.20
8		15.40	5.41	24.80
9		17.32	6.08	27.40

5.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	7.51	1.88	13.38
4		10.01	2.50	16.51
5		12.51	3.13	19.64
6		15.00	3.75	22.75
7		15.00	4.38	23.38
8		15.00	5.00	24.00
9		15.00	5.63	24.63

6.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	10.73	1.74	16.47
4		14.31	2.33	20.63
5		15.00	2.91	21.91
6		15.00	3.49	22.49
7		15.00	4.07	23.07
8		15.00	4.65	23.65
9		15.00	5.23	24.23

7.0 % GUTTER LINE PROFILE				
H INCHES	W FEET	X _{1U} FEET	X _{1L} FEET	L ₁ FEET
3	4' MIN. 7' MAX.	15.00	1.63	20.63
4		15.00	2.17	21.17
5		15.00	2.72	21.72
6		15.00	3.26	22.26
7		15.00	3.81	22.81
8		15.00	4.35	23.35
9		15.00	4.89	23.89

4.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	1.75	0.62	6.37		
4			3.68	1.29	8.97		
5			5.60	1.97	11.57		
6			7.53	2.64	14.17		
7			9.45	3.32	16.77		
8			11.38	4.00	19.37		
9			13.30	4.67	21.97		
3			3.0	3.0	1.39	0.49	5.88
4					3.31	1.16	8.48
5	5.24	1.84			11.08		
6	7.16	2.52			13.68		
7	9.09	3.19			16.28		
8	11.01	3.87			18.88		
9	12.94	4.54			21.48		
3	3.5	3.5			0.66	0.23	4.89
4					2.58	0.91	7.49
5			4.51	1.58	10.09		
6			6.43	2.26	12.69		
7			8.36	2.93	15.29		
8			10.28	3.61	17.89		
9			12.20	4.29	20.49		
3			4.0	4.0	**	**	**
4					1.85	0.65	6.50
5	3.78	1.33			9.10		
6	5.70	2.00			11.70		
7	7.62	2.68			14.30		
8	9.55	3.35			16.90		
9	11.47	4.03			19.50		

5.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	2.28	0.57	6.85		
4			4.78	1.19	9.98		
5			7.29	1.82	13.10		
6			9.79	2.45	16.23		
7			12.29	3.07	19.36		
8			14.79	3.70	22.49		
9			15.00	4.32	23.32		
3			3.0	3.0	1.80	0.45	6.26
4					4.31	1.08	9.38
5	6.81	1.70			12.51		
6	9.31	2.33			15.64		
7	11.81	2.95			18.77		
8	14.32	3.58			21.89		
9	15.00	4.20			23.20		
3	3.5	3.5			0.85	0.21	5.07
4					3.36	0.84	8.20
5			5.86	1.46	11.32		
6			8.36	2.09	14.45		
7			10.86	2.71	17.58		
8			13.37	3.34	20.71		
9			15.00	3.96	22.96		
3			4.0	4.0	**	**	**
4					2.41	0.60	7.01
5	4.91	1.23			10.14		
6	7.41	1.85			13.26		
7	9.91	2.48			16.39		
8	12.42	3.10			19.52		
9	14.92	3.73			22.65		

6.0 % GUTTER LINE PROFILE							
H INCHES	W FEET	Y INCHES	X _{2U} FEET	X _{2L} FEET	L ₂ FEET		
3	2.75	2.75	3.26	0.53	7.79		
4			6.84	1.11	11.95		
5			10.41	1.69	16.10		
6			13.99	2.27	20.26		
7			15.00	2.86	21.86		
8			15.00	3.44	22.44		
9			15.00	4.02	23.02		
3			3.0	3.0	2.58	0.42	7.00
4					6.16	1.00	11.16
5	9.73	1.58			15.31		
6	13.31	2.16			19.47		
7	15.00	2.75			21.75		
8	15.00	3.33			22.33		
9	15.00	3.91			22.91		
3	3.5	3.5			1.22		