


RAINFALL INTENSITY IN INCHES PER HOUR
 $T_c = \text{TIME OF CONCENTRATION}$
 10 YR = $10.1557 / T_c * 0.5638$
 100 YR = $6.464 / T_c * 0.5609$

NO.	REVISED	BY
DRAWN BY: TP		
CHECKED BY: DJR		
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Rainfall Intensity Curves

CITY OF RIPON

APPROVED

 CITY ENGINEER RCE-28191
 DATE: 2-2-99
 STANDARD NO. **SD-3**

RAINFALL INTENSITY CURVE

100 YEAR STORM


10 YEAR STORM

$$10.1557/T_c^{0.5638}$$

$$6.464/T_c^{0.5609}$$

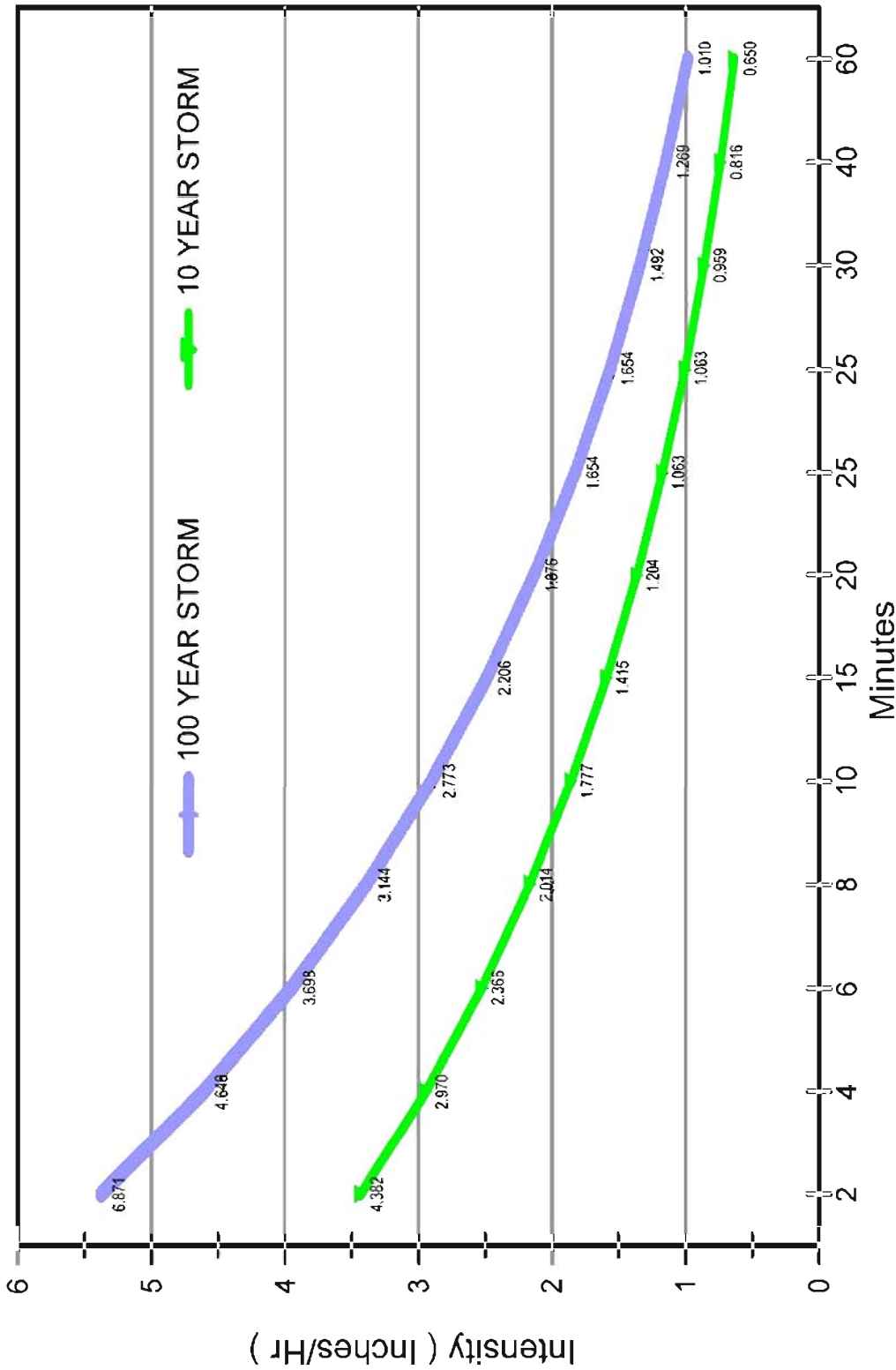
	Tc (min.)	Intensity (iphr)		Tc (min.)	Intensity (iphr)
	2	6.871		2	4.382
	4	4.648		4	2.97
	6	3.698		6	2.366
LAND USE TYPE	8	3.144	LAND USE TYPE	8	2.014
INDUSTRIAL	10	2.773	INDUSTRIAL	10	1.777
COMMERCIAL	15	2.206	COMMERCIAL	15	1.415
MULTI - FAMILY	20	1.876	MULTI - FAMILY	20	1.204
SINGLE - FAMILY	25	1.654	SINGLE - FAMILY	25	1.063
SCHOOLS	25	1.654	SCHOOLS	25	1.063
PARKS & AGG.	30	1.492	PARKS & AGG.	30	0.959
Tc Hours	40	1.269	Tc Hours	40	0.816
1	60	1.01	1	60	0.65
2	120	0.683	2	120	0.441
3	180	0.543	3	180	0.351
4	240	0.462	4	240	0.299
5	300	0.407	5	300	0.264
6	360	0.368	6	360	0.238
7	420	0.337	7	420	0.218
8	480	0.313	8	480	0.203
9	540	0.293	9	540	0.19
10	600	0.276	10	600	0.179
11	660	0.261	11	660	0.169
12	720	0.249	12	720	0.161
13	780	0.238	13	780	0.154
14	840	0.228	14	840	0.148
15	900	0.219	15	900	0.142
16	960	0.211	16	960	0.137
17	1020	0.204	17	1020	0.133
18	1080	0.198	18	1080	0.129
19	1140	0.192	19	1140	0.125
20	1200	0.186	20	1200	0.121
21	1260	0.181	21	1260	0.118
22	1320	0.177	22	1320	0.115
23	1380	0.172	23	1380	0.112
24 HR / 1 Day	1440	0.168	24 HR / 1 Day	1440	0.109
48 HR / 2 Days	2880	0.114	48 HR / 2 Days	2880	0.074

Tc = Time of Concentration
iphr = Rainfall Intensity in Inches Per Hour

NO.	REVISED	BY	<p>Rainfall Intensity Curves</p> <p>CITY OF RIPON</p>	APPROVED	 CITY ENGINEER RCE-28191
				DATE: 2-2-99	
DRAWN BY: MCP				STANDARD NO. SD-3a	
CHECKED BY: DJR					
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City of Ripon

Rainfall Intensity Curve



$10 \text{ YR} = 6.464 / T_c^{0.5609}$
 $100 \text{ YR} = 10.1557 / T_c^{0.5638}$
 $T_c = \text{TIME OF CONCENTRATION}$

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Rainfall Intensity Curves

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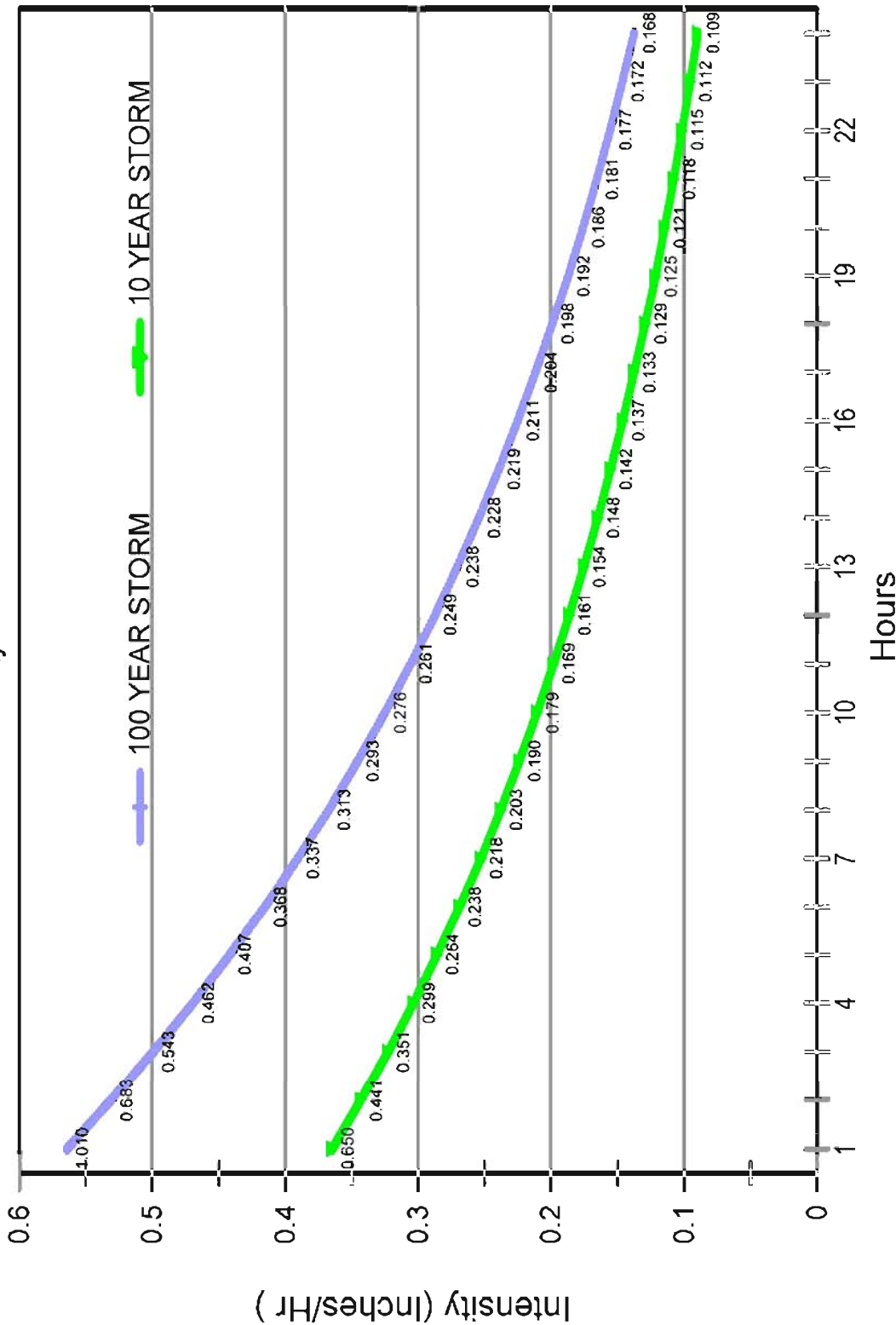
David J. ...
CITY ENGINEER RCE-28191

DATE: 2-2-99

STANDARD NO. **SD-3b**

City of Ripon

Rainfall Intensity Curve



$$10 \text{ YR} = 6.464/Tc^{0.5609}$$


$$100 \text{ YR} = 10.1557/Tc^{0.5638}$$

RAINFALL INTENSITY IN INCHES PER HOUR
Tc = TIME OF CONCENTRATION

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Rainfall Intensity Curves

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