

Showing rounding of inside edge
of end section.

A diagram showing a cross-section of a cell wall. The top part is a thick, multi-layered structure labeled 'R' (residual layer). Below it is a thin layer labeled 'K' (cuticle). The diagram illustrates the structure of the cell wall in the context of the text, which discusses the relationship between the cell wall and the cell membrane.

* Minimum waterway area is calculated at the inside of the bevel.

Diam.	A	B [#]	C [#]	D	E	R _l	Slope	T
300	1 850	1 240	610	610	100	230	1:3	50
375	1 855	1 170	685	760	150	280	1:3	57
450	1 855	1 170	685	915	230	300	1:3	63
600	1 865	760	1 105	1 220	240	355	1:3	75
750	1 870	500	1 370	1 525	300	380	1:3	88
900	2 485	885	1 600	1 830	380	510	1:3	100
1 050	2 490	890	1 600	1 980	535	560	1:3	113
1 200	2 490	660	1 830	2 135	610	560	1:3	125
1 350	2 495	845	1 650	2 285	685	610	1:2.4	138
1 500	2 515	990	1 525	2 440	890	610	1:2	150
1 800	2 515	535	1 980	2 745	915	610	1:1.86	175
2 100	2 835	535	2 300	3 050	915	610	1:1.6	200

Diam.	Min. W.W. Area m ² *	F	G	H	I	J	K	R	T
600	0.42	1 295	685	435	800	38	200	300	75
750	0.65	1 460	850	545	1 005	51	255	375	88
900	0.94	1 625	1 015	650	1 200	51	300	450	100
1 050	1.27	1 790	1 180	760	1 405	64	355	525	113
1 200	1.66	1 955	1 345	865	1 605	76	405	600	125
1 350	2.11	2 120	1 510	980	1 810	89	460	675	138
1 500	2.60	2 285	1 675	1 090	2 010	102	510	750	150
1 800	3.74	2 615	2 005	1 310	2 410	127	610	900	175
2 100	5.09	2 945	2 335	1 535	2 810	152	710	1 050	200

The drawing illustrates the construction and dimensions of a pipe structure, divided into two main sections: Elevation Section and Plan View.

Elevation Section:

- Horizontal Roadway Lt.:** Left side of the roadway.
- Horizontal Roadway Rt.:** Right side of the roadway.
- Length of Pipe Lt.:** Length of the pipe on the left side.
- Length of Pipe Rt.:** Length of the pipe on the right side.
- Road surface:** The top surface of the pipe structure.
- Bar and steel fabric reinforcement:** Reinforcement details for the pipe structure.
- INLET END:** The left end of the pipe structure.
- OUTLET END:** The right end of the pipe structure.
- Direction of flow:** Indicated by an arrow pointing right.
- 6 mm max.:** A detail showing a maximum thickness of 6 mm.
- Note:** Gain in length due to joint fit tolerance will not be paid for.

Plan View:

- INLET END:** The left end of the pipe structure.
- PLAN VIEW:** The top-down view of the pipe structure.
- End Section (Type I):** A detail showing the end section of the pipe structure.
- Optional alternate shape:** A detail showing an alternative shape for the end section.
- Round inside edge of end section, see Section A-A:** A detail showing the rounded inside edge of the end section.
- Dimensions:** Various dimensions are labeled, including $G \#$, $Variable \#$, I , 4 , $H \phi$, $600 \text{ mm} \#$, F , $B \#$, $C \#$, and A .

[illegible]

Note: The culverts listed on this sheet may or may not indicate that the culvert installed will be reinforced concrete, steel, or aluminum.

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