Bijlage 1 Uitlegschema kabel- en leidingnetwerken Amsterdam

Asset	Beschrijving		Afstand tussen K&L [2]																				Afstand tussen bomen [1]			Afstand van gebouwen
			CA/T	Data	E (LS)	E (MS)			E (HS)	riolering vrij verval		PL		Warmte		Warmte LT	W			G		OAT	Boom 1	Boom 2	Boom 3	
			transp	distr	distr	transp	dist 240	dist 630	trans	transportriool	inzamelriool	persleiding	hoofdpersleiding	HT	MT	distr	hoofdwaterleiding	transport	distributie	trans	distr	trans	Boom 1	Boom 2	Boom 3	
CA/T	CA/ TV/ Telecom	transp	0,00m	0,50m	0,50m	0,75m	0,75m	0,75 m	2,00m	2,50 m	0,75 m	0,75m	2,50m	0,75m	0,75m	0,75m	2,00m	1,00m	0,5m	0,30m	0,3	0,75m	1,00m	1,50m	2,00m	0,25/ 0,50m
Data	Glasvezel	dist.	0,50m	0,00m	0,25 m	0,25 m	0,25 m	0,25 m	2,00m	2,50 m	0,75 m	0,75m	2,50m	0,75m	0,75m	0,75m	2,00m	1,00m	0,50m	0,30m	0,30m	0,75m	1,00m	1,50m	2,00m	0,25/ 0,50m
E (LS)[4]	Electra Laagspanning	dist.	0,50m	0,25m	0,10 - 0,15m	0,10m	0,10m	0,10m	2,00m	2,50m	0,75 m	0,75m	2,50m	2,50m [4]	2,50m [4]	2,50m [4]	2,00m	1,00m	0,50m	0,30m	0,30m	0,75m	1,00m	2,00m	2,00m	0,50m
E (MS)[4]	Electra Middenspanning	transp	0,75m	0,25m	0,10m	1,00m	1,00m	1,00m	2,00m	2,50m	0,75m	0,75m	2,50m	2,50m [4]	2,50m [4]	2,50m [4]	2,00m	2,00m	0,75m	0,30m	0,30m	0,75m	1,00m	2,00m	2,00m	1,00m
	Electra Middenspanning	dist. 240/Al	0,75m	0,25m	0,10m	1,00m	0.10m	0,30m	2,00m	2,50m	0,75m	0,75m	2,50m	2,50m [4]	2,50m [4]	2,50m [4]	2,00m	2,00m	0,75m	0,30m	0,30m	0,75m	1,00m	2,00m	2,00m	1,00m
	Electra Middenspanning	dist. 630/Al	0,75m	0,25m	0,10m	1,00m	0,30m	0,30m	2,00m	2,50m	0,75m	0,75m	2,50m	2,50m [4]	2,50m [4]	2,50m [4]	2,00m	2,00m	0,75m	0,30m	0,30m	0,75m	1,00m	2,00m	2,00m	1,00m
E (HS)[4]	Electra Hoogspanning	transp	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	3,00m	3,00m	2,00m	2,00m	3,00m	2,50m [4]	2,50m [4]	2,50m [4]	2,00m	2,00m	2,00m	5,00m	5,00m	2,00m	2,00m	2,00m	2,00m	2,00m
Riolering vrij verval	Transportriool	transp	2,50m	2,50m	2,50m	2,50m	2,50m	2,50m	3,00m	3,00m	-	3,00m	3,00m	3,00m	3,00m	3,00m	2,00m	3,00m	3,00m	3,00m	3,00m	1,50m	3,00m	4,00m	5,00m	5,00 m
	Inzamelriool	dist.	0,75m	0,75m	0,75m	0,75m	0,75m	0,75m	2,00m	-	-	0,75m	3,00m	1,00m	1,00m	0,75m	2,00m	1,00m	1,00m	1,00m	1,00m	1,50m	1,00m	1,50m	2,00m	3,00 m
riolering onder druk	Persleiding	transp	0,75m	0,75m	0,75m	0,75m	0,75m	0,75m	2,00m	3,00m	0,75m	0,75m	3,00m	0,75m	0,75m	0,3m	2,00m	1,00m	1,00m	0,75m	0,75m	1,50m	1,00m	1,50m	2,00m	2,00 m
	Hoofdpersleiding*	transp	2,50m	2,50m	2,50m	2,50m	2,50m	2,50m	3,00m	3,00m	0,75m	-	3,00m	3,00m	3,00m	3,00m	3,00m		-	3,00m	3,00m	3,00m	3,00m	4,00m	5,00m	10,00m *
Warmte	Warmtenet Hoogtemperatuur (HT)	transp	0,75m	0,75m	0,75m	2,50m [4]	2,50m [4]	2,50m [4]	2,50m [4]	3,00m	1,00m	1,00m	3,00m	0,40m [3]	0,40m [3]	0,30m	2,00m	1,50m	1,5m	1,00m	1,00m	0,75m	1,00m	1,50m	2,00m	1,50m
	Midden temperatuur (MT)	dist.	0,75m	0,75m	0,75m	2,50m [4]	2,50m [4]	2,50m [4]	2,50m [4]	3,00m	1,00m	1,00m	3,00m	0,40m [3]	0,40m [3]	0,30m	2,00m	1,50m	1,50m	1,00m	1,00m	0,75m	1,00m	1,50m	2,00m	1,50m
Warmte LT	Warmtenet Lage Temperatuur	dist.	0,30m	0,30m	0,30m	2,50m [4]	2,50m [4]	2,50m [4]	2,50m [4]	3..00m	0,75m	0,75m	3,00m	0,30m	0,30m	0,30m	2,00m	1,50m	1,50m	0,3	0,30m	0,30m	1,00m	1,50m	2,00m	1,50m
W	Hoofdwaterleiding * (>600 mm)	transp	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	3,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	2,00m	3,00m
	Drinkwater	transp	1,00m	1,00m	1,00m	2,00m	2,00m	2,00m	2,00m	3,00m	1,00m	1,00m	3,00m	1,50m	1,50m	1,50m	2,00m	-	1,00m	1,00m	1,00m	2,00m	2,00m	2,00m	2,00m	3,00m
		dist.	0,5m	0,5m	0,5m	0,75m	0,75m	0,75m	2,00m	3,00m	1,00m	1,00m	3,00m	1,50m	1,50m	1,50m	2,00m	1,00m	0,5m	0,50m	0,5m	2,00m	2,00m	2,00m	2,00m	2,00m
G	Gas	transp	0,30m	0,30m	0,30m	0,30m	0,30m	0,30m	5,00m	3,00m	1,00m	1,00 m	3,00m	1,00m	1,00m	1,00m	2,00m	1,00m	0,50m	0,30m	0,30m	0,75m	1,00m	2,0m	2,00m	<200MM = 2 m. >200mm = 3,5m.
		dist.	0,30m	0,30m	0,30m	0,30m	0,30m	0,30m	5,00m	3,00m	1,00m	1,00m	3,00m	1,00m	1,00m	1,00m	2,00m	1,00m	0,50m	0,30m	0,30m	0,75m	1,00m	2,00m	2,00m	1,20m
O.A.T.	Ondergronds AfvalTransport	transp	0,75m	0,75m	0,75m	0,75m	0,75m	0,75m	2,00m	1,50m	1,50m	1,50m	3,00m	0,75m	0,75m	0,30m	2,00m	2,00m	2,00m	0,75m	0,75m		1,00m	1,50m	2,00m	1,50m

1 Volgens gemeente A'dam toolbox: Boom 1 hoogte 6-10m. Boom 2 hoogte 10-15m. Boom 3 hoogte >15m

2 Afstand tussen kabels en leidingen, dagmaat

3 Leidingen diameter < 150mm; afstand = 0,20m. Leidingen diameter > 0,15m; afstand = 0,40m. Afstand tussen buizen, van rand tot rand.

4 Hier mogen wel andere nutspartijen tussen liggen. Een kleinere afstand tussen elektra en warmte is alleen toegestaan mits dit is aangetoond dmv een kabelbelastbaarheidsberekening.