

Inrichtingsplan Agorahof te Lelystad

West 8 i.o.v. Gemeente Lelystad

19 . 08 . 2021

Inhoud

plan + details **3**

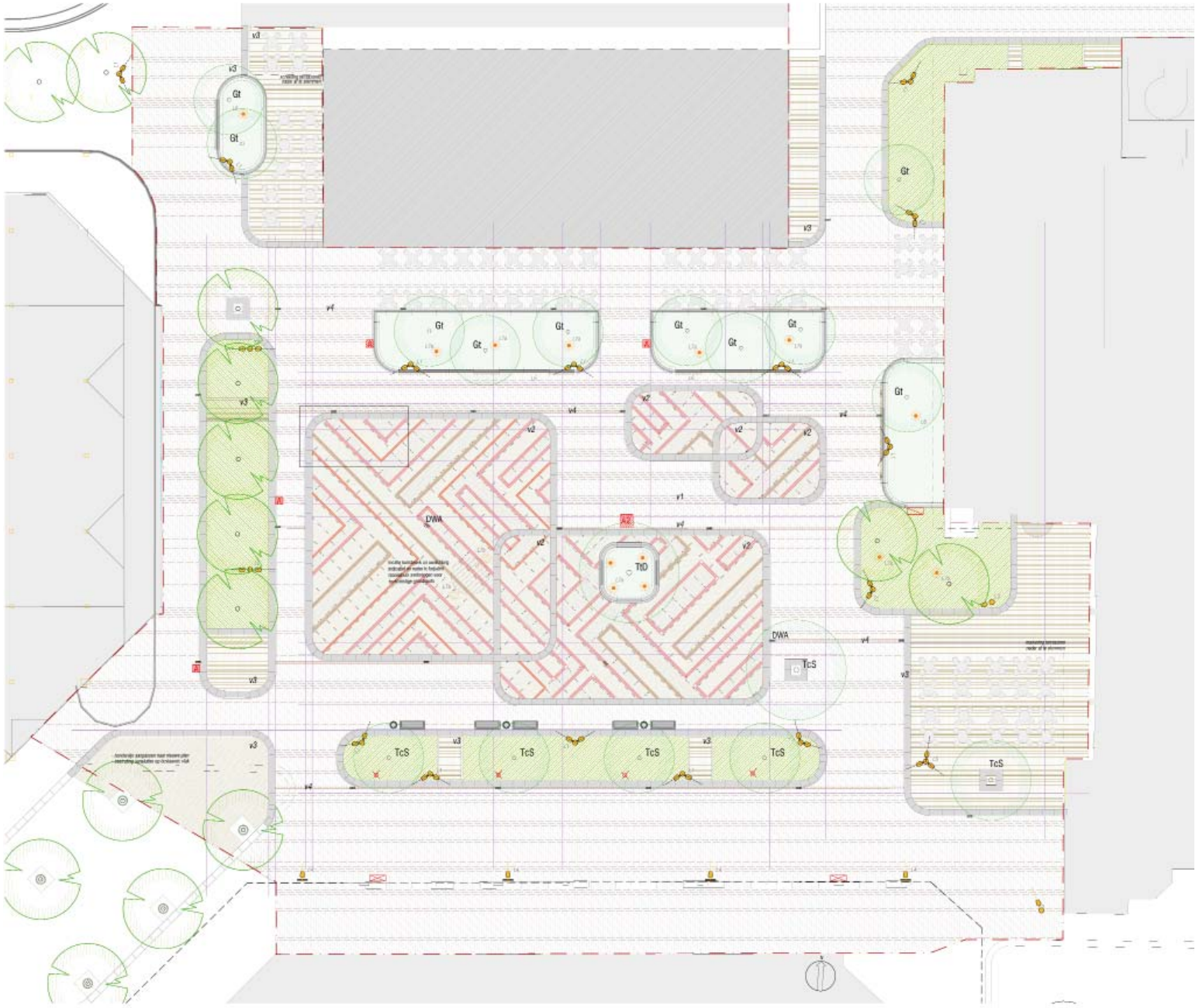
impressies **7**

planonderdelen **9**

- verharding *10*

- groen *22*

- verlichting en inrichtingselementen *30*


Gt
TcS
TtD
DWA

verhardingen

verhardingsvlakken



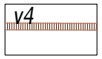
v1 - gebakken klinkers
lingeformaat 'Terra Marone'
elleboogverband



v2 - patroonverharding
vlakken van Aurora *lingeformaat* - halfsteens- en elleboogverband
lijnen van Autunno *dikformaat* - 2 strekken, 3 strekken en rollagen



v3 - gebakken klinkers terraszones
dikformaat 'Terra Fiore'
halfsteensverband

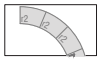


v4 - rollaag (tpv kolklijnen)
steens rollaag van dikformaat 'Terra Marrone'

banden

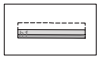


b1 - grijs granieten banden
afm. L*B*H: 994x500x100 mm
gevlamd oppervlak
gelegd met 6 mm voeg, voegvulling GeoPly

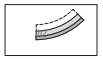


r2 - grijs granieten banden
afm. L*B*H: 785x500x100 mm met radius r=2m
gevlamd oppervlak
gelegd met 6 mm voeg, voegvulling GeoPly

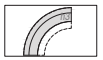
hoge randen rondom groenvlakken
(Green Line serie van Struyk Verwo)



h1 - rechte randen
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm
productcode StruykVerwo: *GRL-450 Basis*



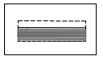
h2 - bochtbanden
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRL-450 Bocht*



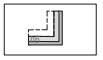
h3 - bocht **zitrand** met r=1,2 m
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=1,2m
productcode StruykVerwo: *GRL-450 Bocht A*



h4 - rechte rand met ***betonnen zitrand***
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRS-450 Zit A*



h5 - rechte rand met ***houten zitrand***
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRS-450 Zit A1*



h6 - hoekbanden
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRL-450 Hoek*

afwatering



HWA, straatkolk K20F met gietijzeren rooster



idem straatkolk aansluiten op DWA (tbv afvoer markt)
incl vetvangput (nader uit te werken)

beplanting

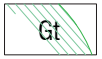
bomen



bestaande bomen (te handhaven)



bestaande bomen (te verwijderen)



nieuwe bomen in groenstroken
Gleditsia triacanthos f.Inermis
meerstammig, hoogte 5-6 m

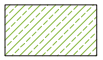


nieuwe bomen in groenstroken en verharding
Tilia cordata 'Savaria', maat 45-50

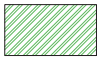


solitaire pleinboom
Tilia tomentosa 'Doornik', maat 120-140

groenvlakken



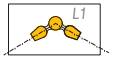
lage vlakken
invulling seizoensbeplanting i.o.m. GriffioenWassenaar
(incl aanbrengen 20 cm toplaag)



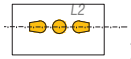
hoge vlakken
invulling seizoensbeplanting i.o.m. GriffioenWassenaar
(incl aanbrengen 20 cm toplaag)

inrichtingselementen

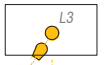
verlichting



type L1: Olivio candelabra Grande (dubbele uithouder)
hoek 120 ° LPH 5,2 m



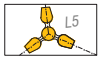
type L2: Olivio candelabra Grande (dubbele uithouder)
hoek 180° LPH 5,2 m



type L3: Olivio candelabra Grande (enkele uithouder)
hoek 180° LPH 5,2 m



type L4: Olivio Grande (wandarmatuur) LPH 5,2 m



type L5: Olivio candelabra Grande (drievoudige uithouder)
hoek 3 x 120° LPH 5,2 m



type L6: LED-lichtlijn onder zitranden
nader te specificeren

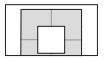


type L7a: uplights bij bomen
nader te specificeren

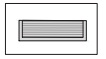


type L7b: uplights bij kunstwerk (indicatieve locatie)
locatie en aantal nader te bepalen, mantelbuis opnemen voor bekabeling

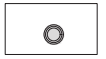
overig



boomrooster
Lateraal, 1,8x1,8 m



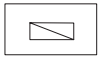
zitbank
type 'Sara'
lengte 2 m, combinatie hout-gietijzer



afvalbak
type Center (Samson)



locatie ondergrondse aansluitkasten marktstroom
configuratie aansluitpunten volgens opgave gemeente



Buitenopstelling kast
incl service WCD in kast
vervanging bestaande kast (volgens opgave gemeente)



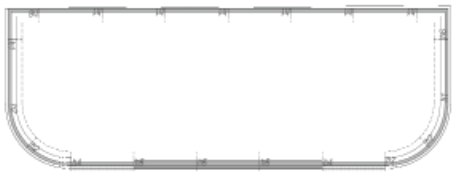
Bestaande marktkast
te vervangen (volgens opgave gemeente)



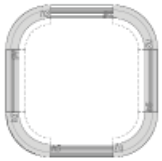
kunstwerk, nader te bepalen



plantvak A - 1:50



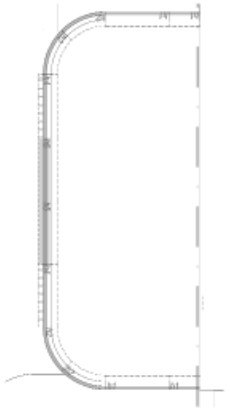
plantvak B - 1:50



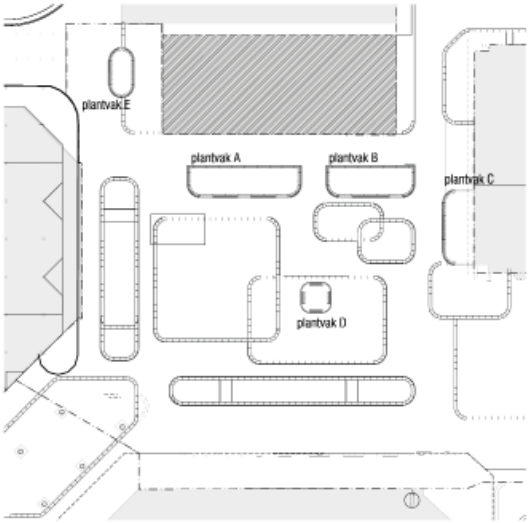
plantvak C - 1:50

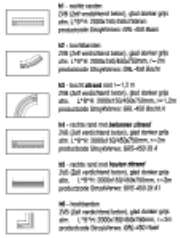


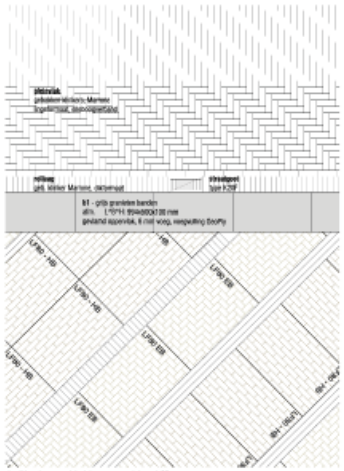
plantvak E - 1:50



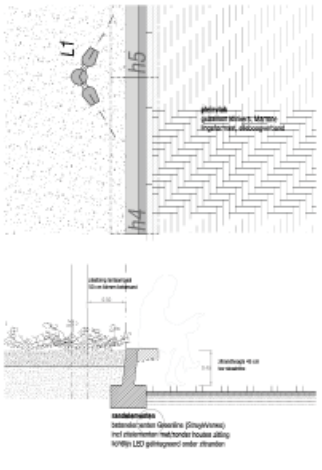
plantvak D - 1:50



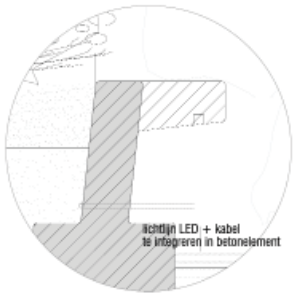


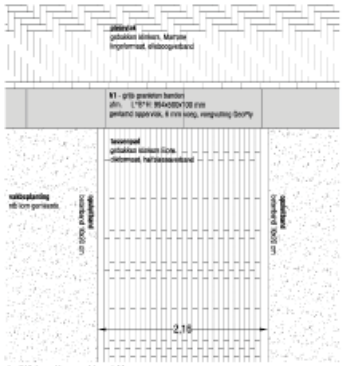


detail band tussen plantvak en patrocenvak - 1:20

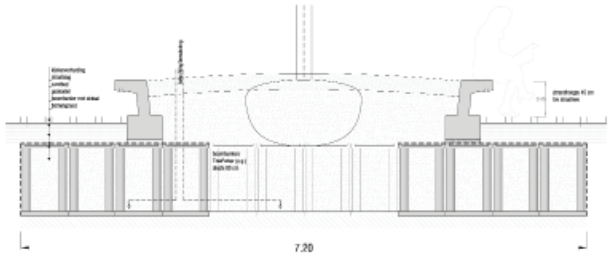


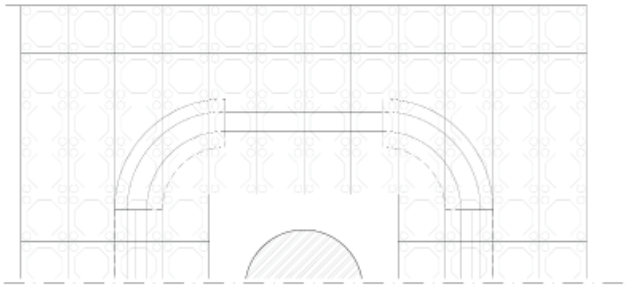
detail zitrand langs groenvakken - 1:20





detail klinkerpad in groenvak - 1:20





detail boomvak met boombunkers - 1:20

Gemeente Lelystad

Inrichtingsplan Agorahof

Details

WEST 8

impressies plein



impressies plein





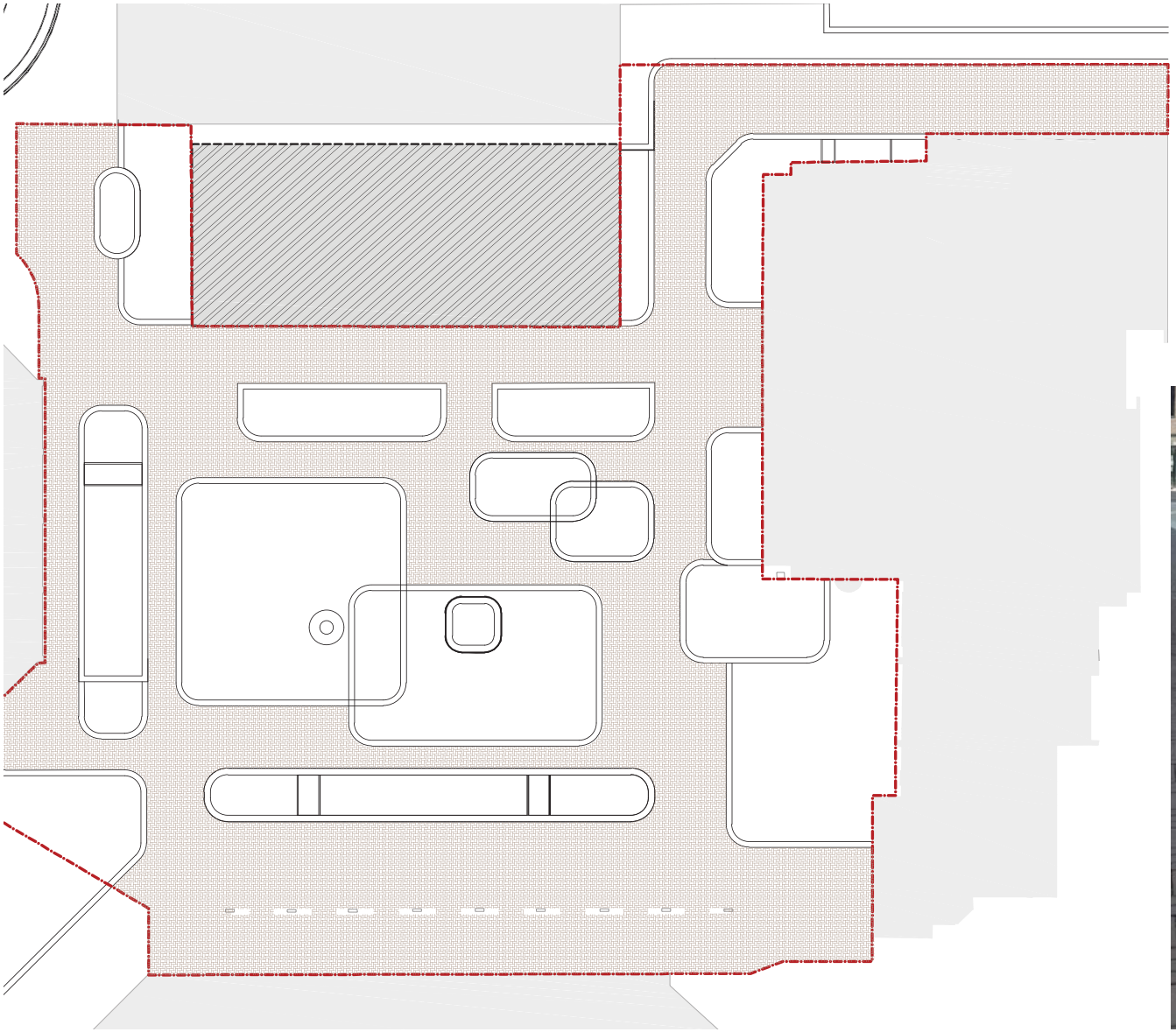
impressies plein



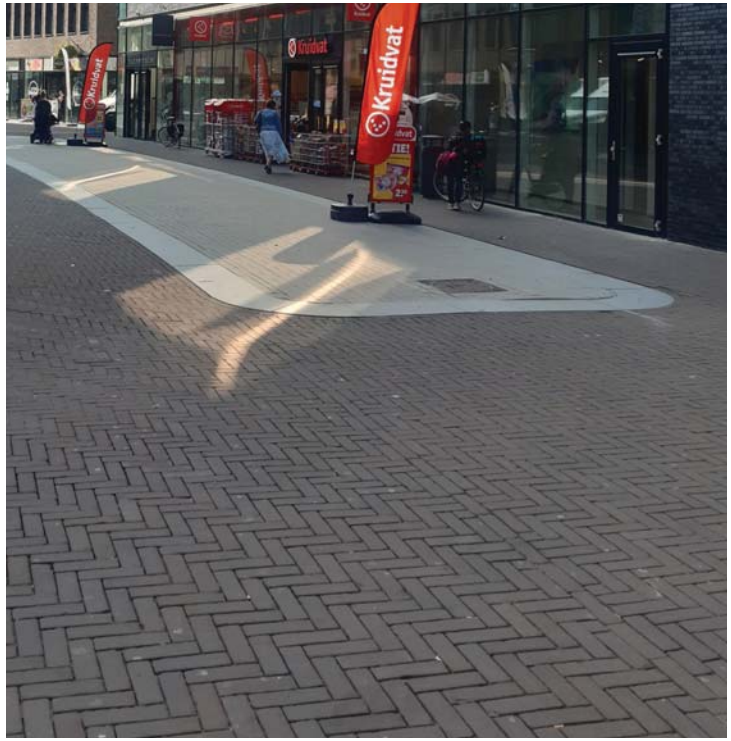


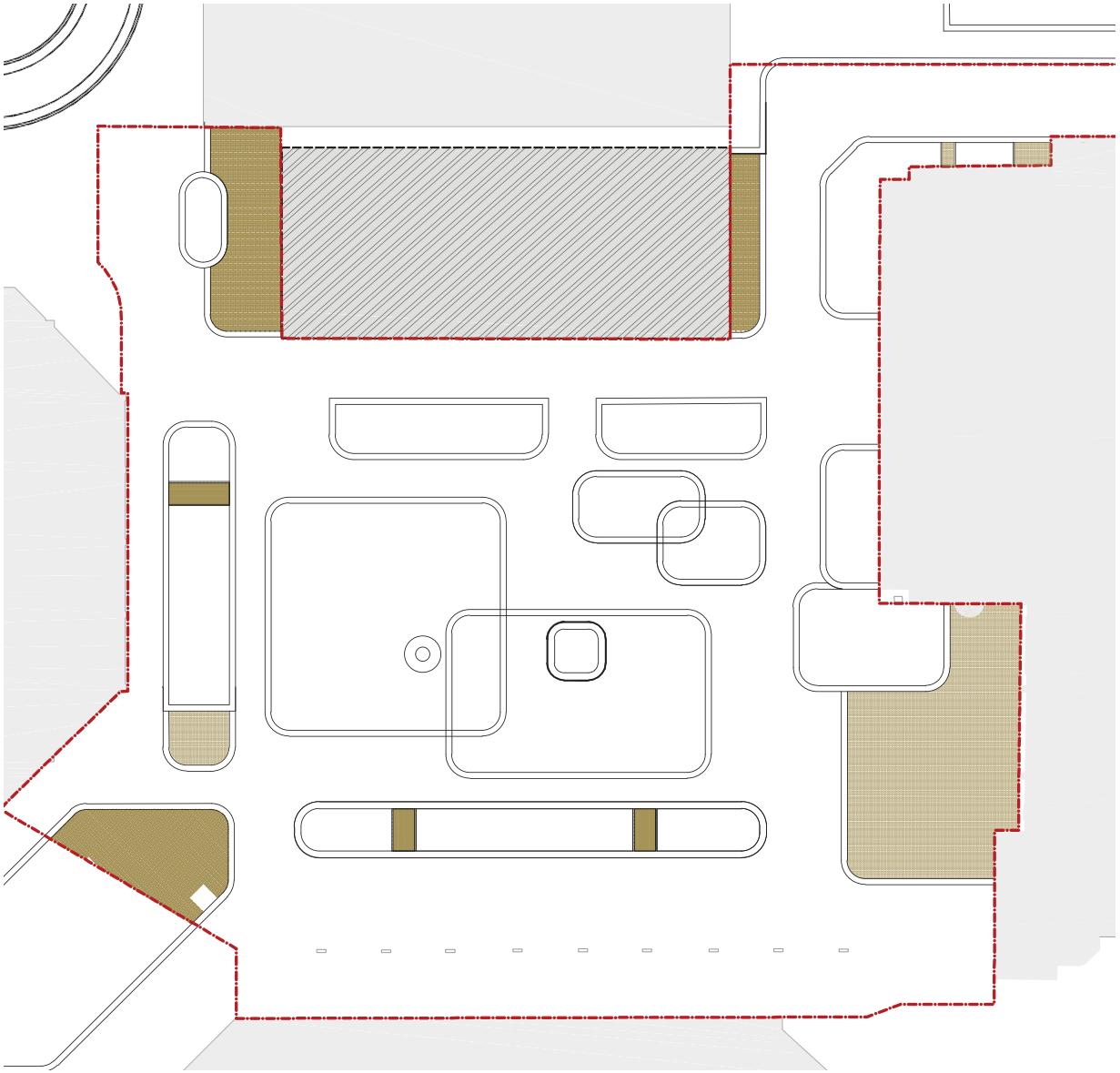
planonderdelen

- verharding
- groen
- inrichtingselementen



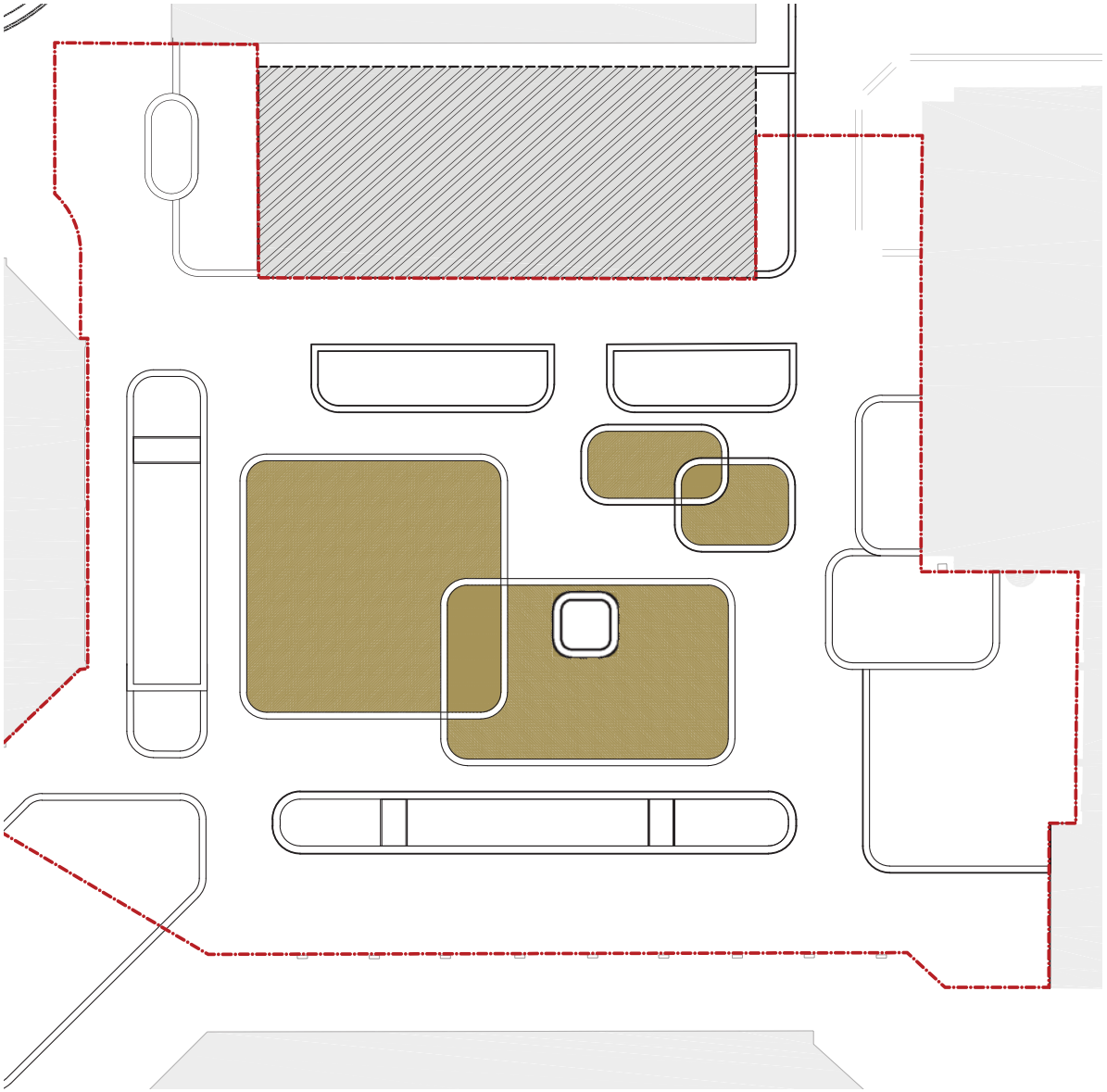
vlakken
gebakken klinker Marrone
lingeformaat in elleboogverband



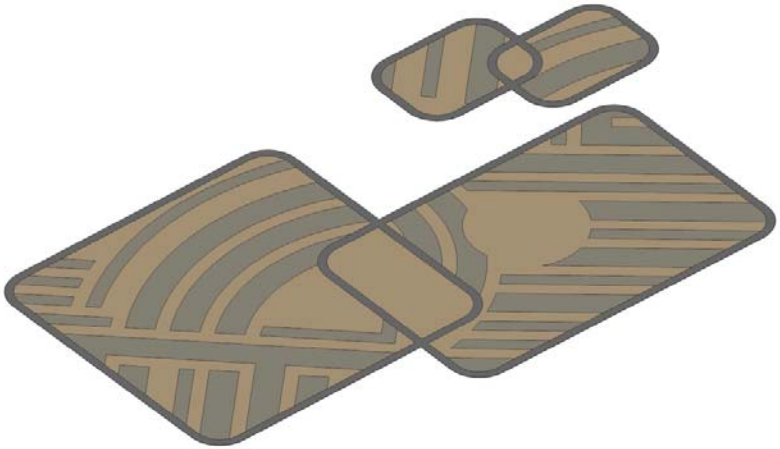


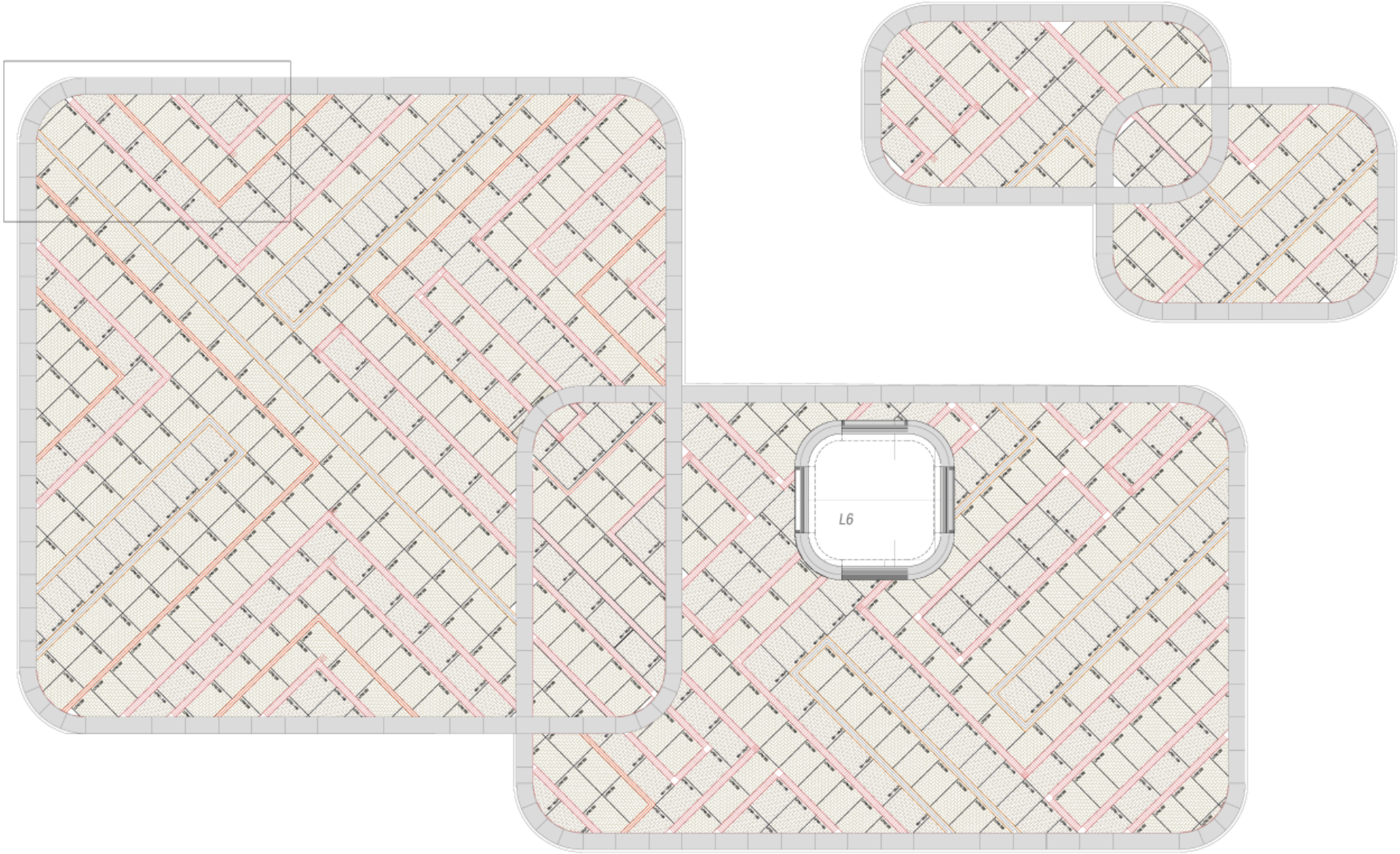
vlakken
gebakken klinker ‘Fiore’
dikformaat in halfsteensverband





patroonvlakken
kleur patroon in fantasieverband van Fiore




L6

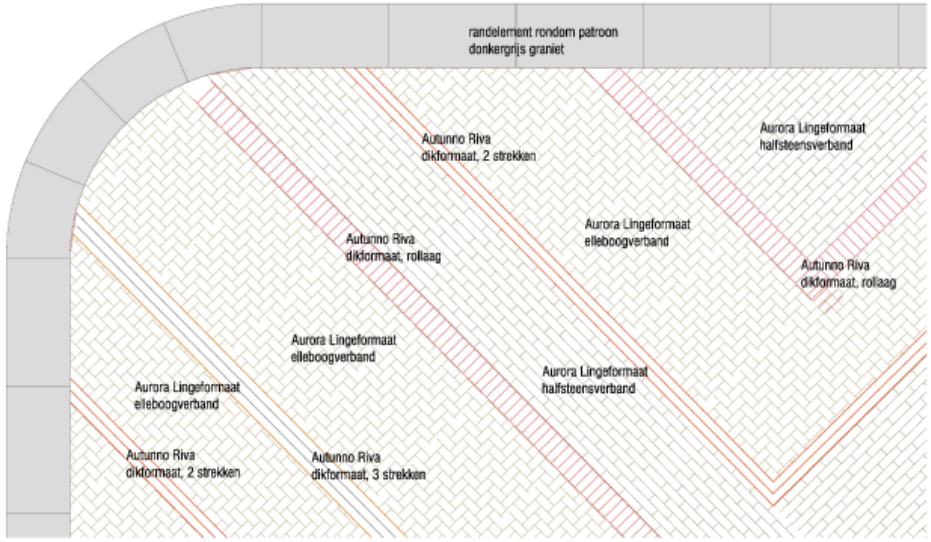




uitwerking patroonvlak

gebakken klinkers
- vlakken van Lingeformaat Aurora in halfsteens- en elleboogverband
- lijnen van Dikformaat Autunno

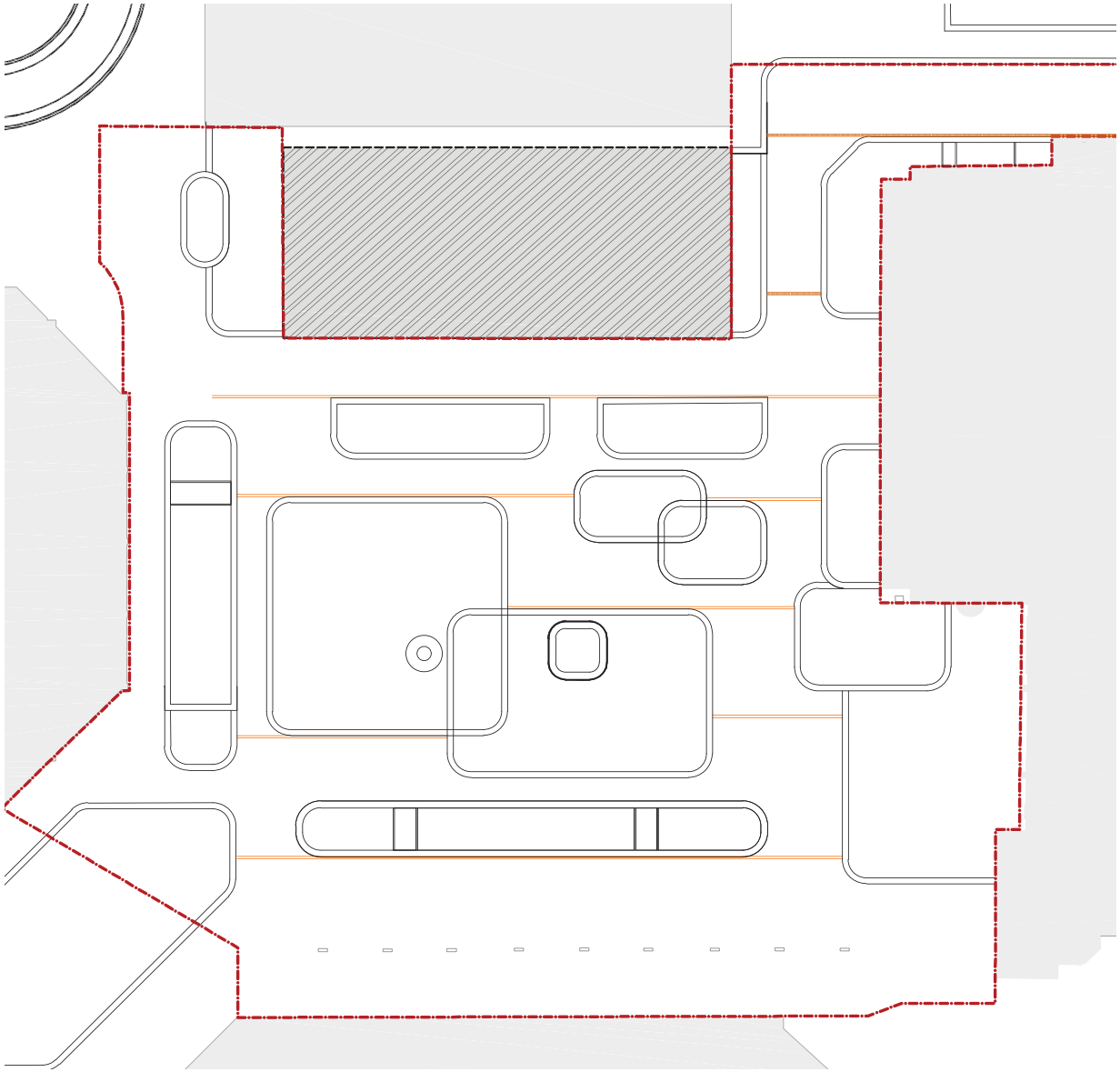
selectie stenen bij VanderSanden



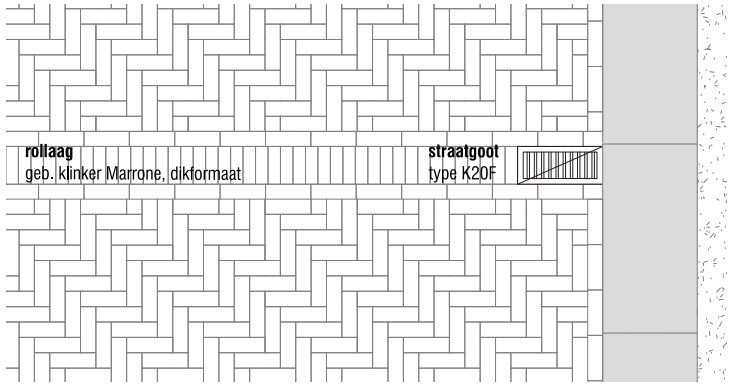
detail patroonbestrating - 1:20

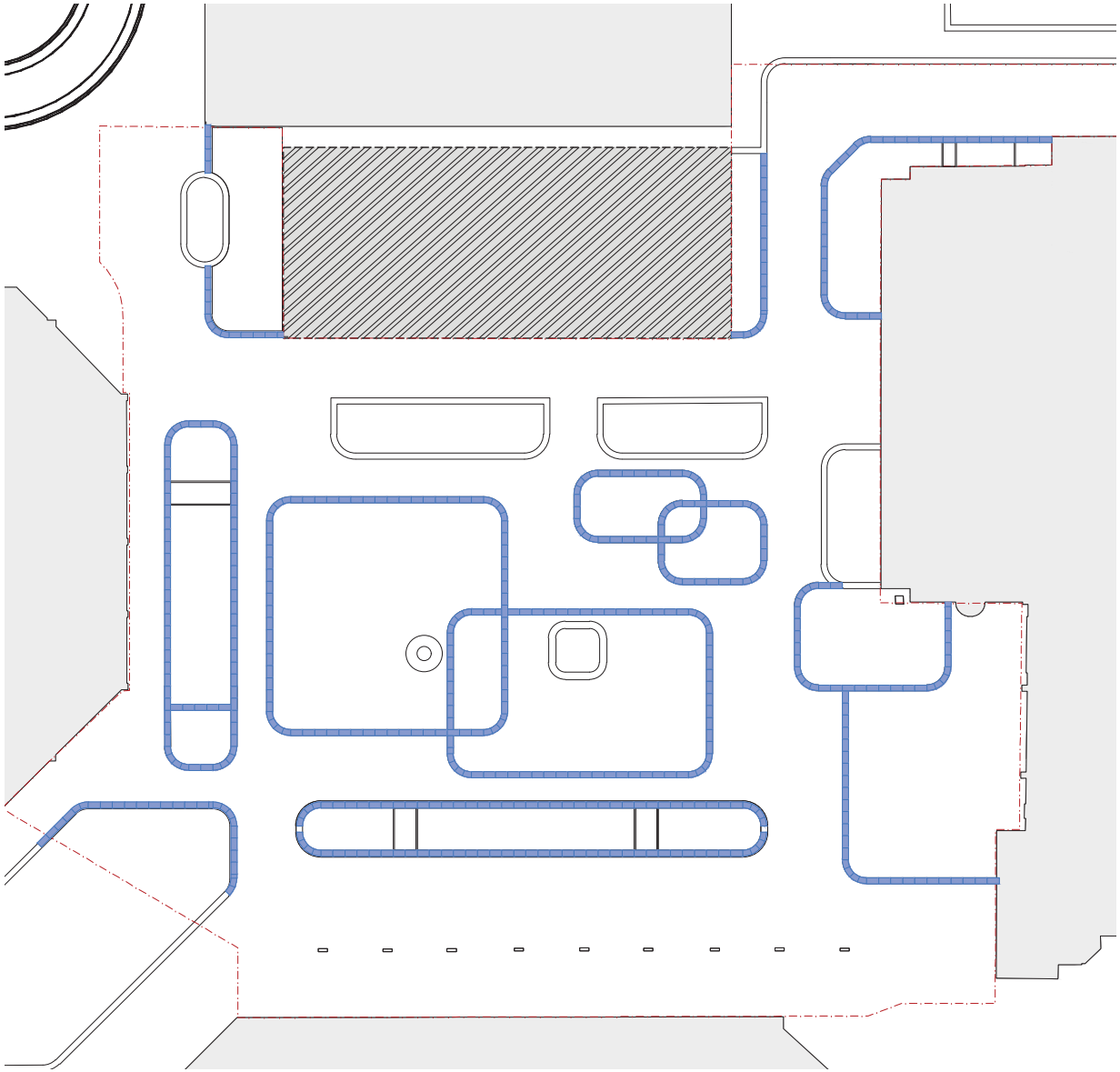


detail patroonbestrating - 1:20



rollagen
Steens rollagen van gebakken klinkers Marrone dikformaat (20 cm breed)



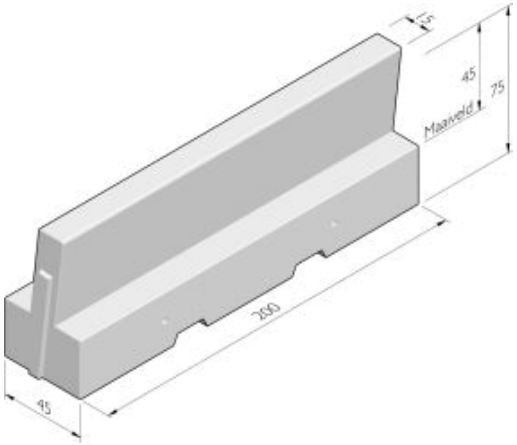


lage brede banden

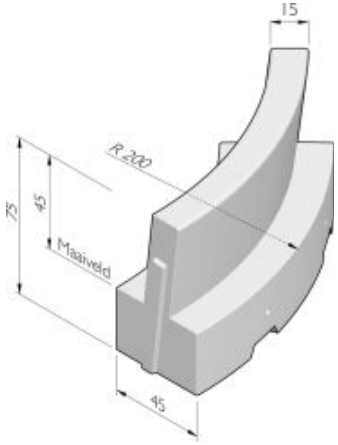
banden rondom verhardings- en groenvlakken
granieten banden 50 cm breed:
- recht, 1 m lang
- r=2 m

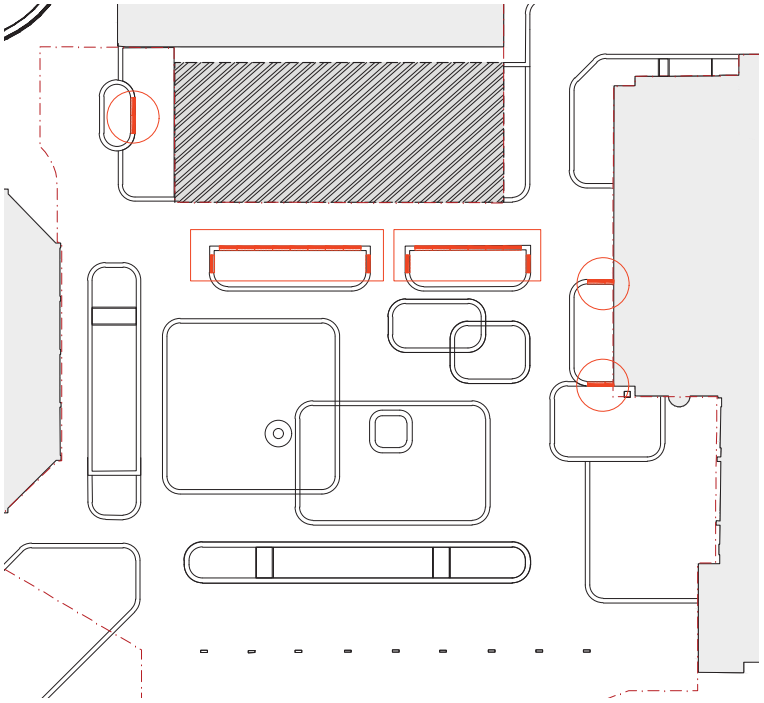


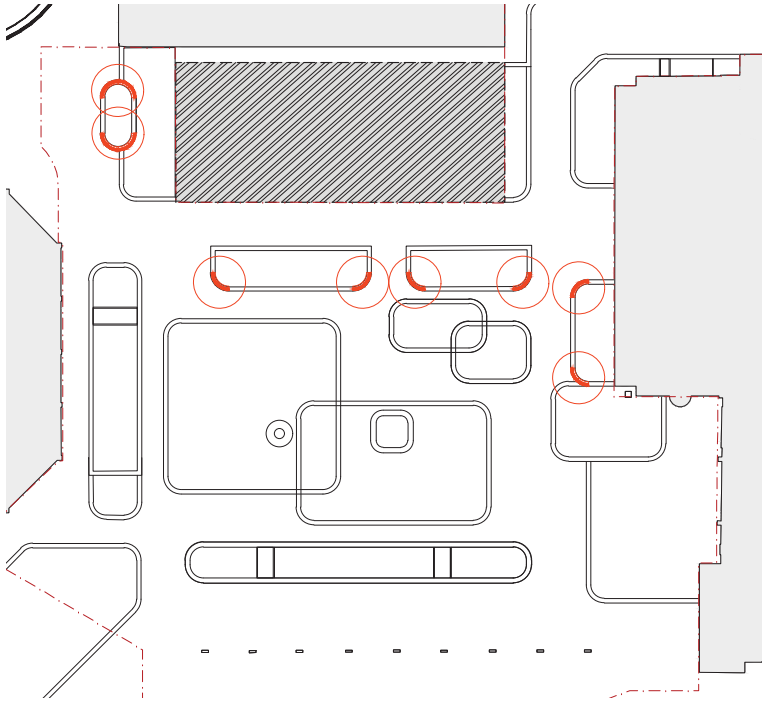
h1

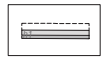


h2

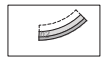








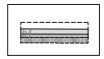
h1 - rechte randen
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm
productcode StruykVerwo: *GRL-450 Basis*



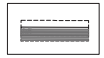
h2 - bochtbanden
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRL-450 Bocht*



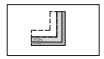
h3 - bocht **zitrand** met r=1,2 m
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=1,2m
productcode StruykVerwo: *GRL-450 Bocht A*



h4 - rechte rand met ***betonnen zitrand***
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRS-450 Zit A*

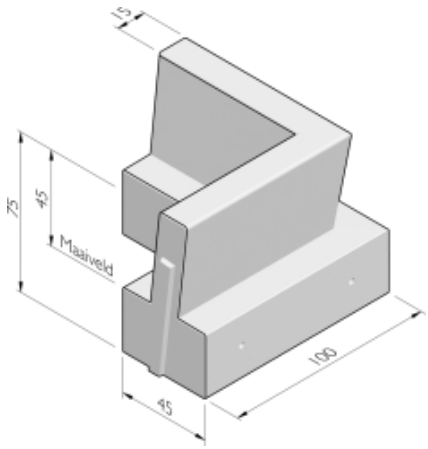


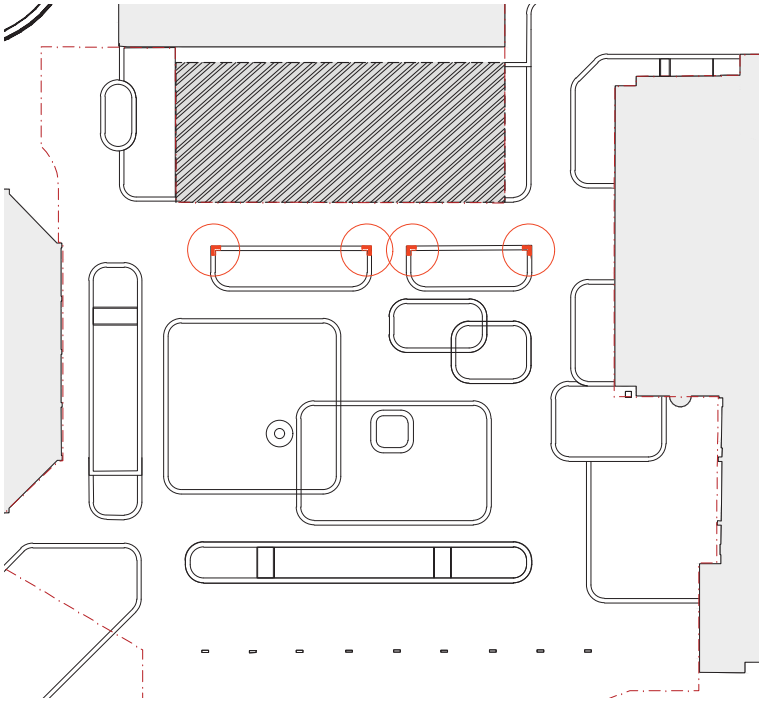
h5 - rechte rand met ***houten zitrand***
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRS-450 Zit A1*



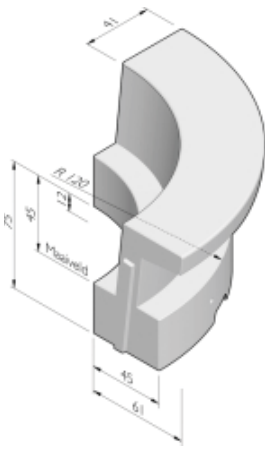
h6 - hoekbanden
ZVB (Zelf verdichtend beton), glad donker grijs
afm. L*B*H: 2000x150/450x750mm, r=2m
productcode StruykVerwo: *GRL-450 Hoek*

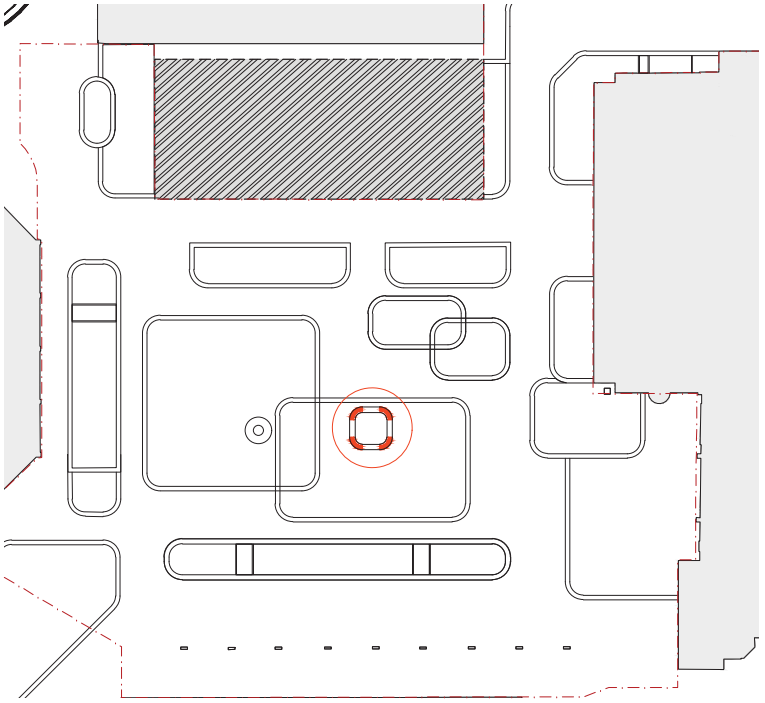
h6



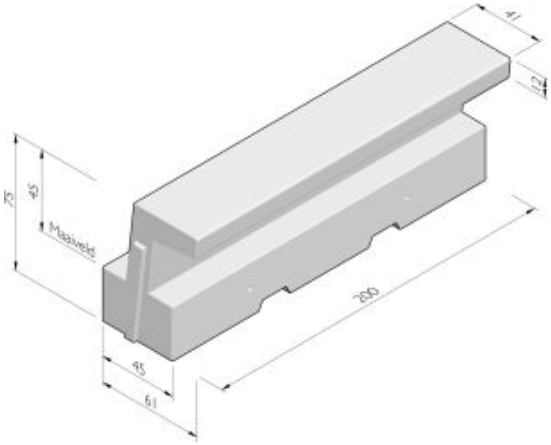


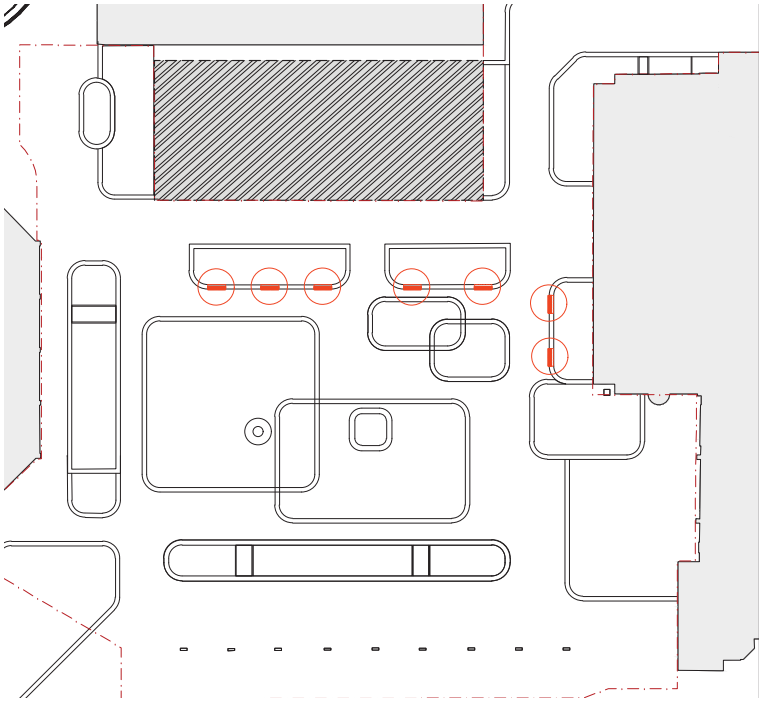
h3



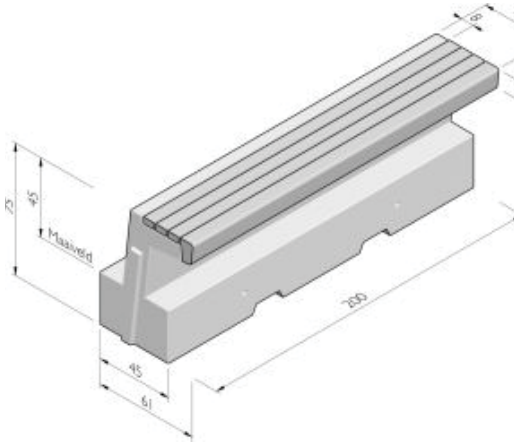


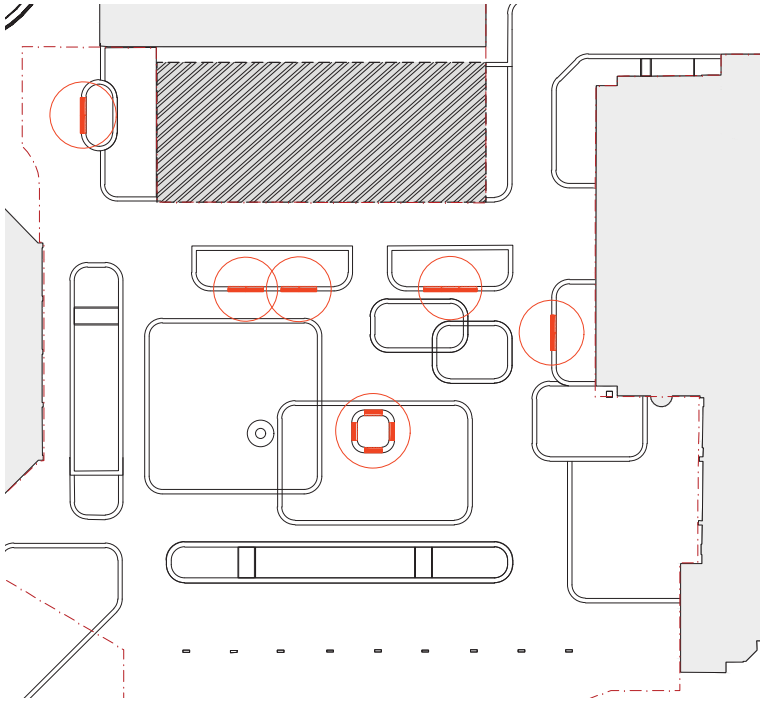
h4





h5



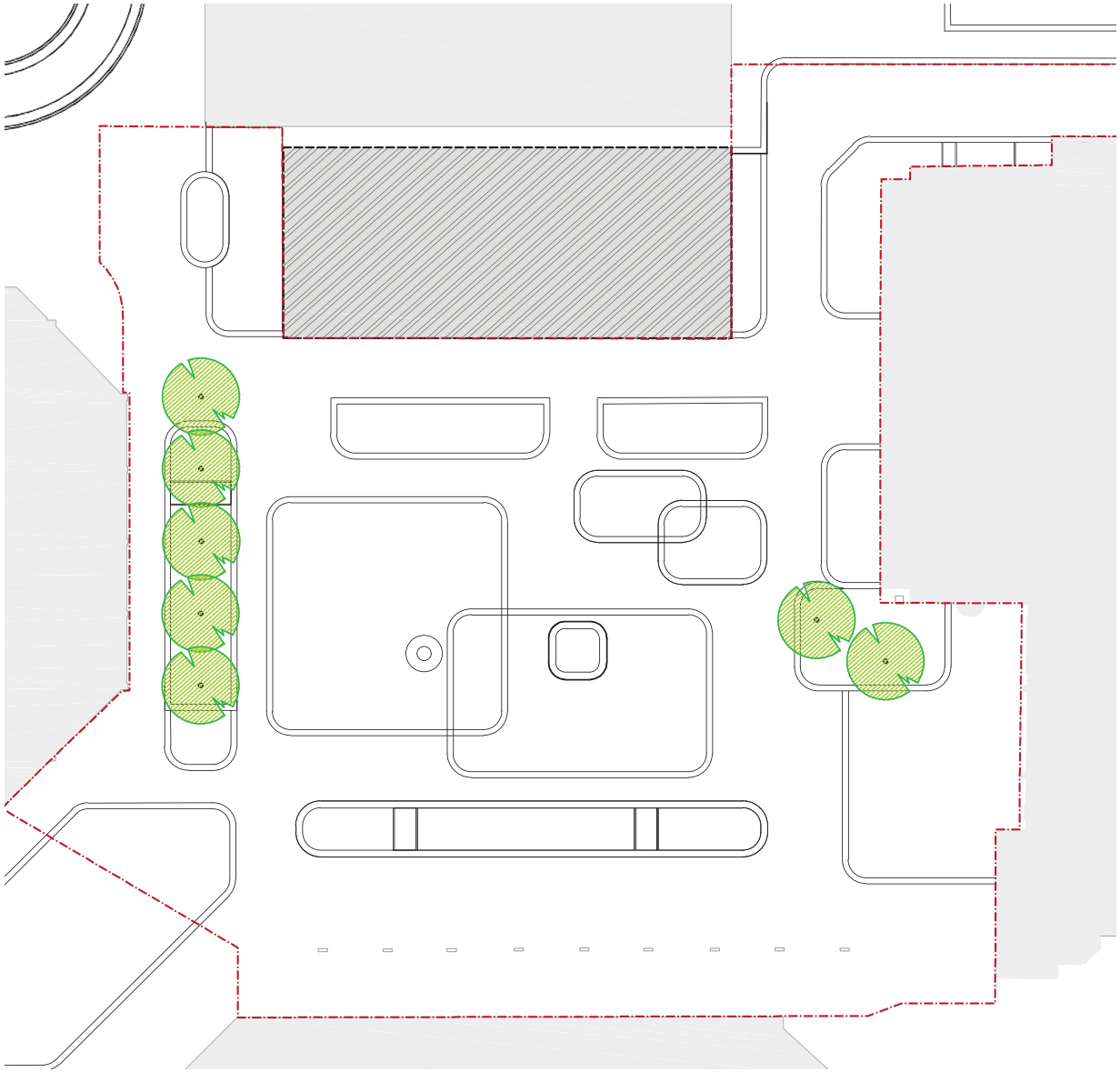





DE WAAG

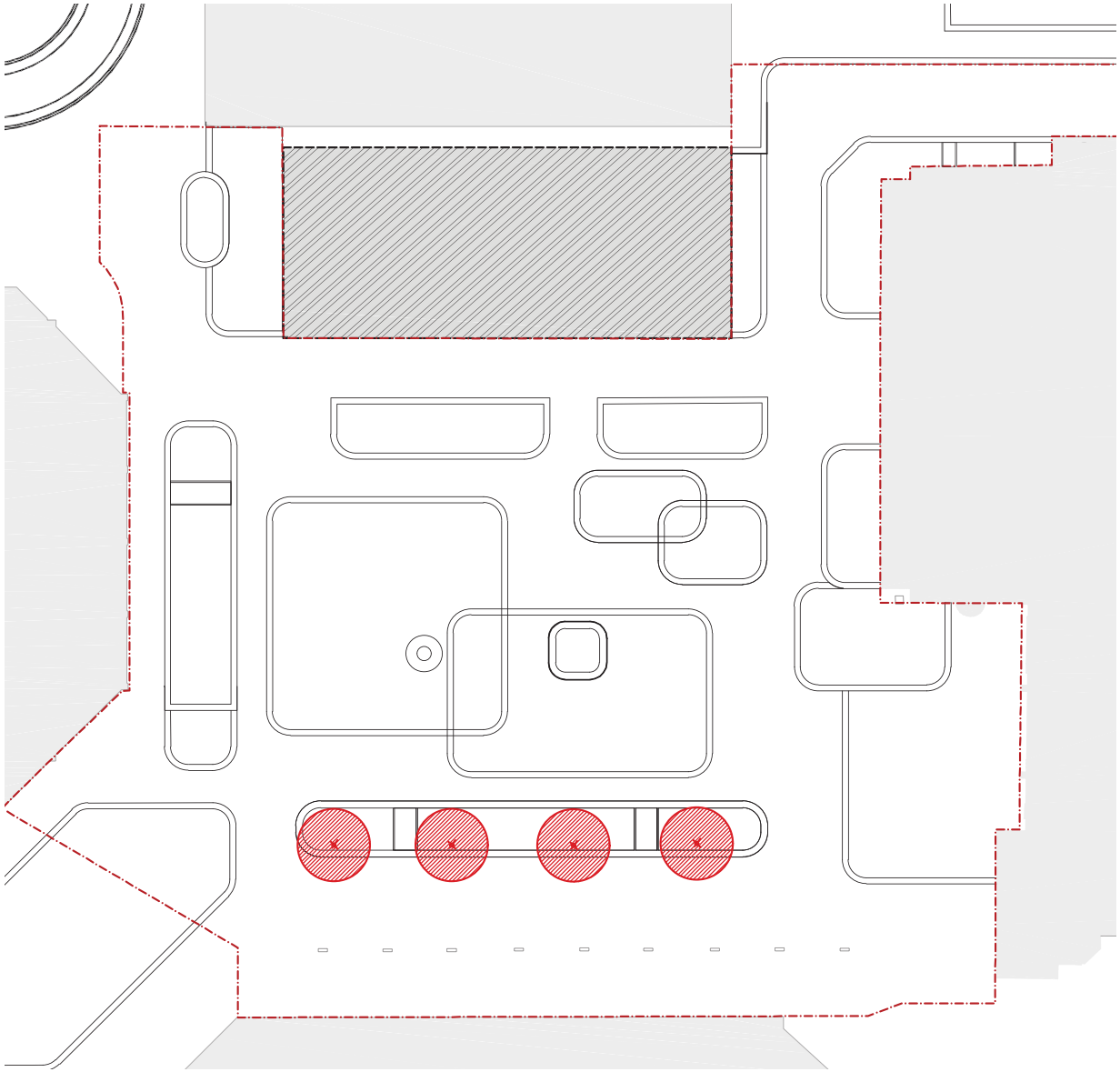
groen

- bestaande bomen
- nieuwe bomen
- groenvlakken



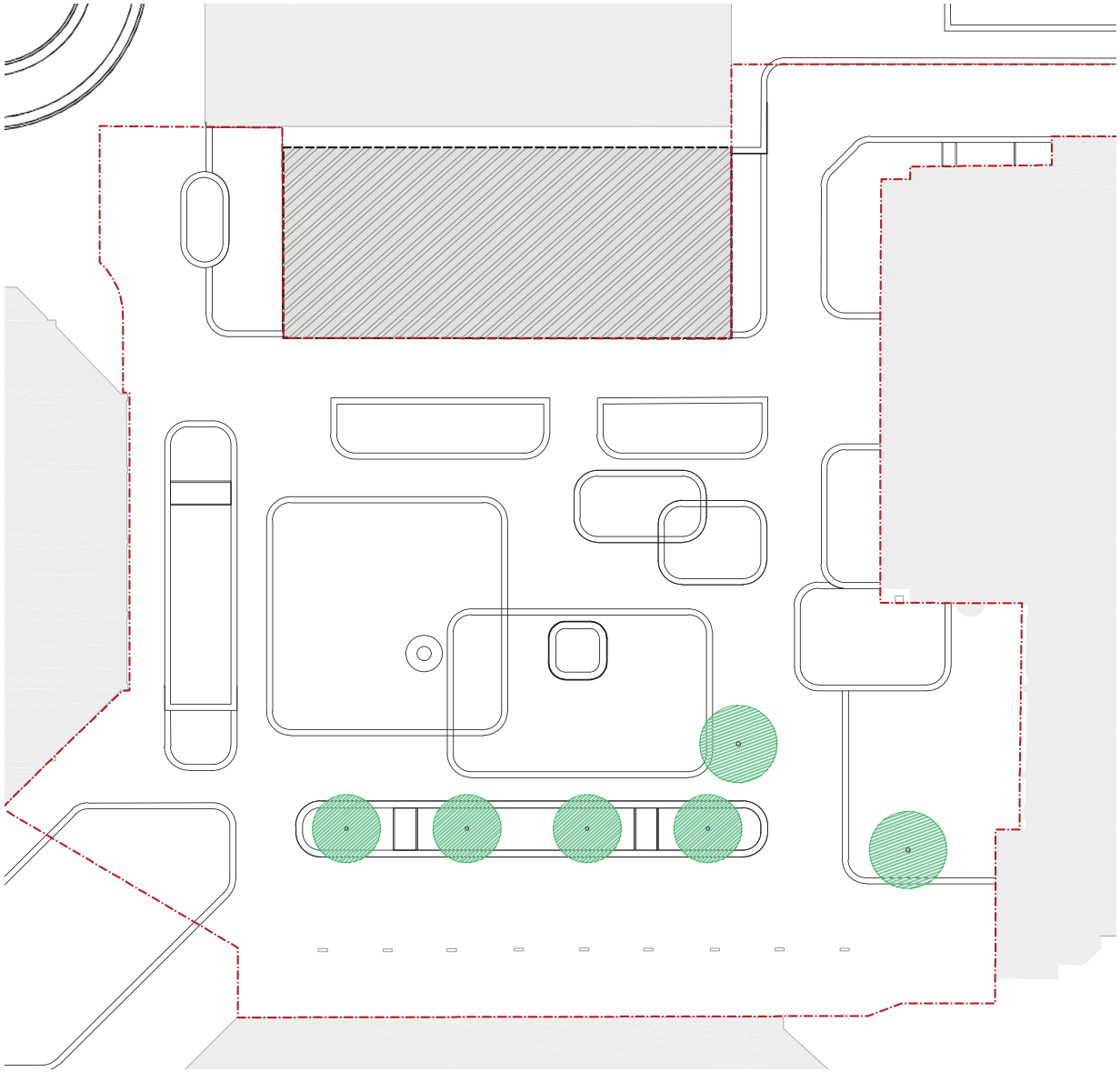
bestaande lindes te behouden





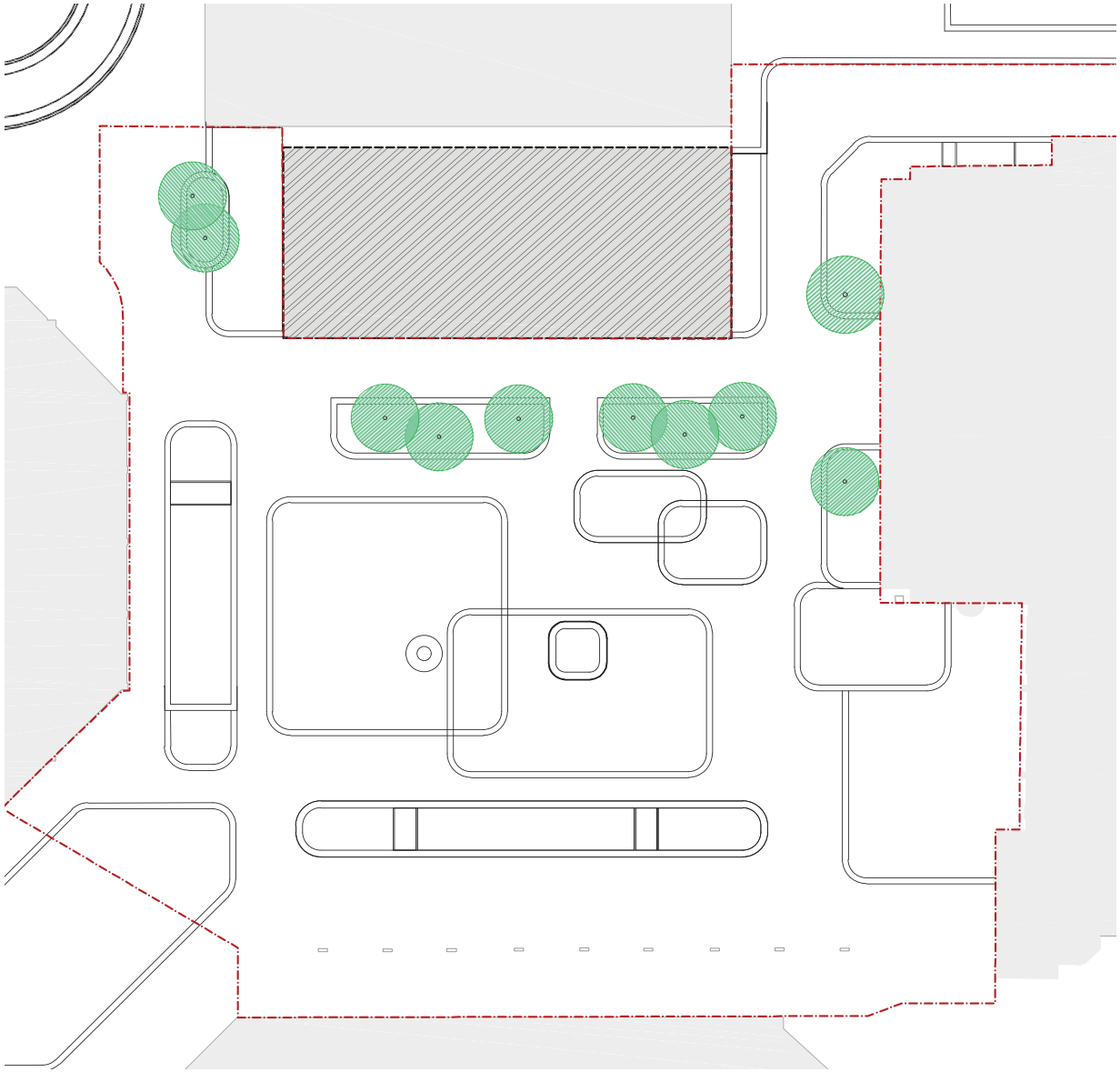
4 stuks lindes te verwijderen
(te vervangen bomen met matige/slechte kwaliteit tdoor nieuwe bomen in gelijke soort en maat)





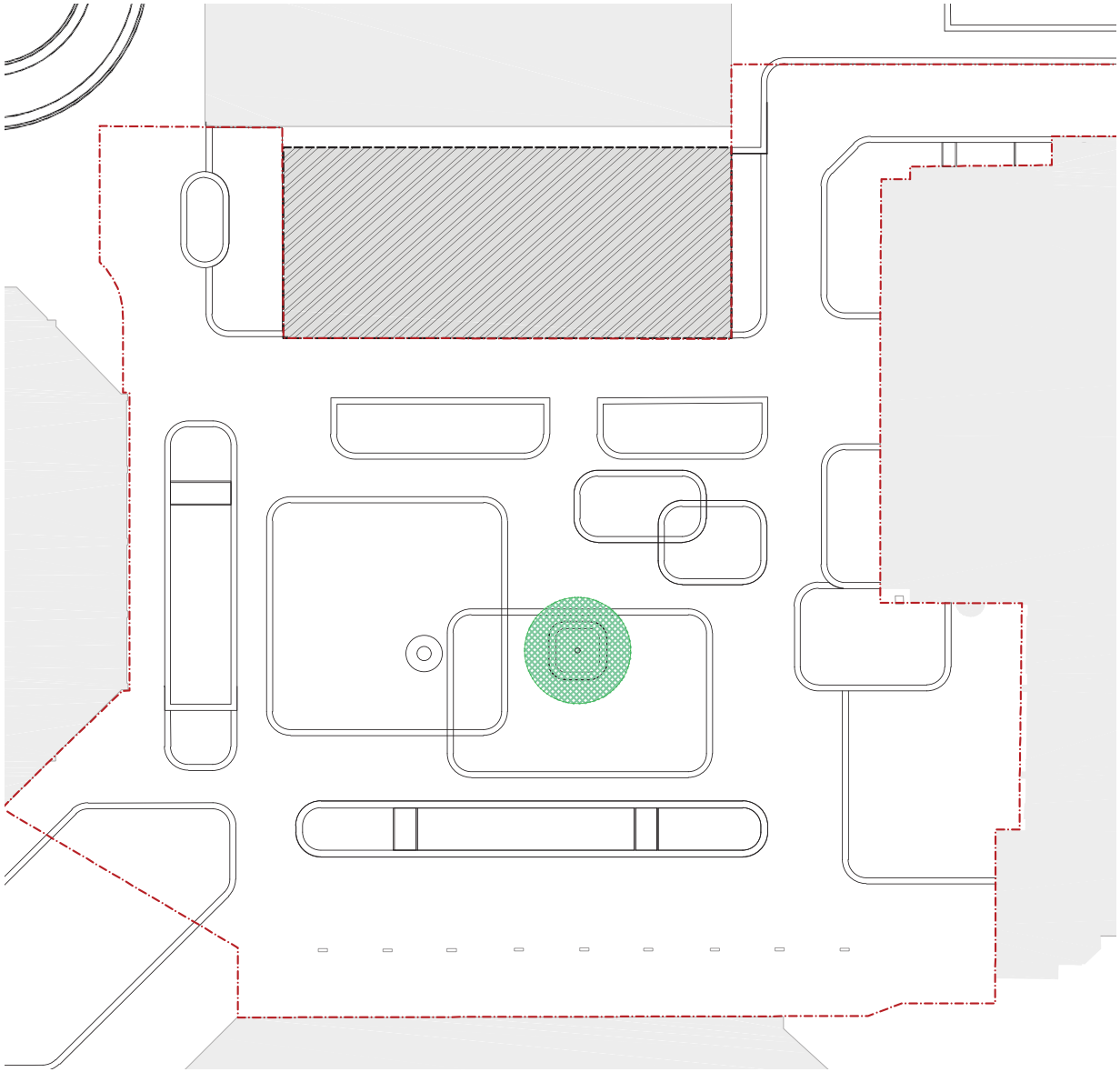
nieuwe pleinbomen
Tilia cordata ‘Savaria’ (kleinbladige linde)
maat 45-50, hoogte ca 7-8 m





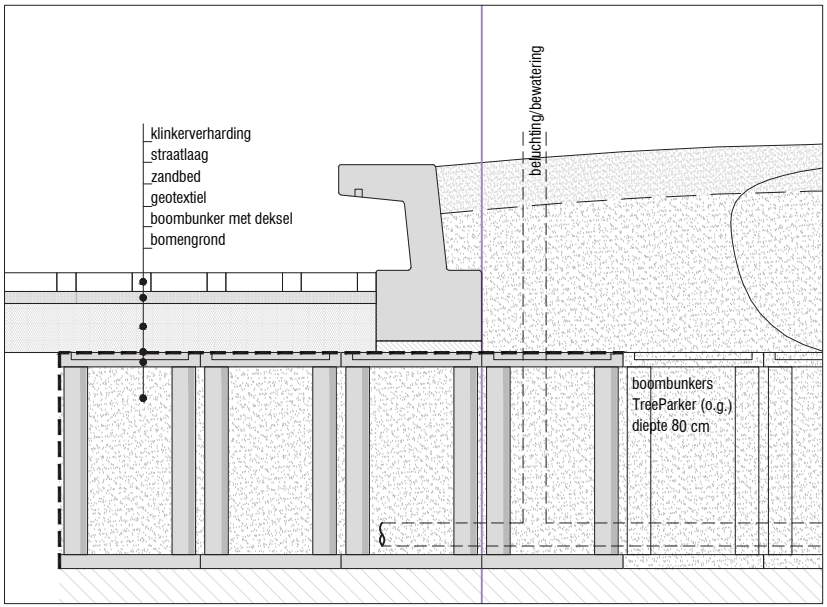
nieuwe bomen in groenvakken
Gleditsia triacanthos f. Inermis
meerstammige, doornloze Valse Christusdoorn
hoogte 5-6 m

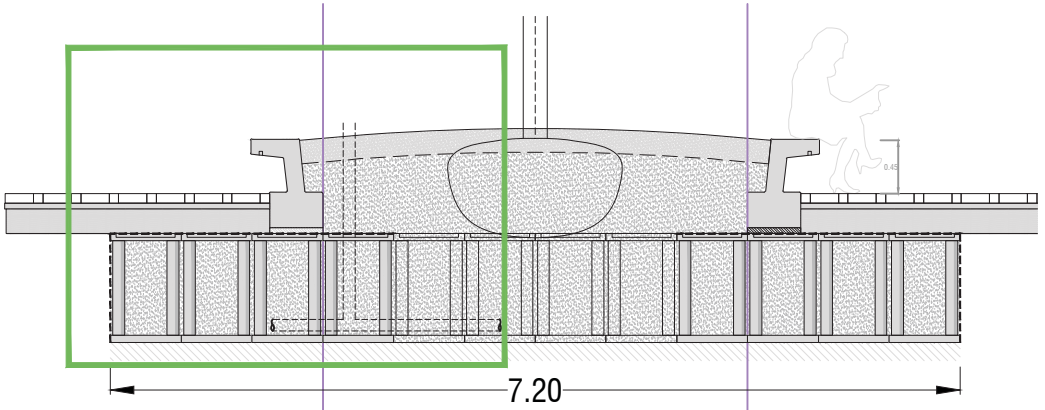


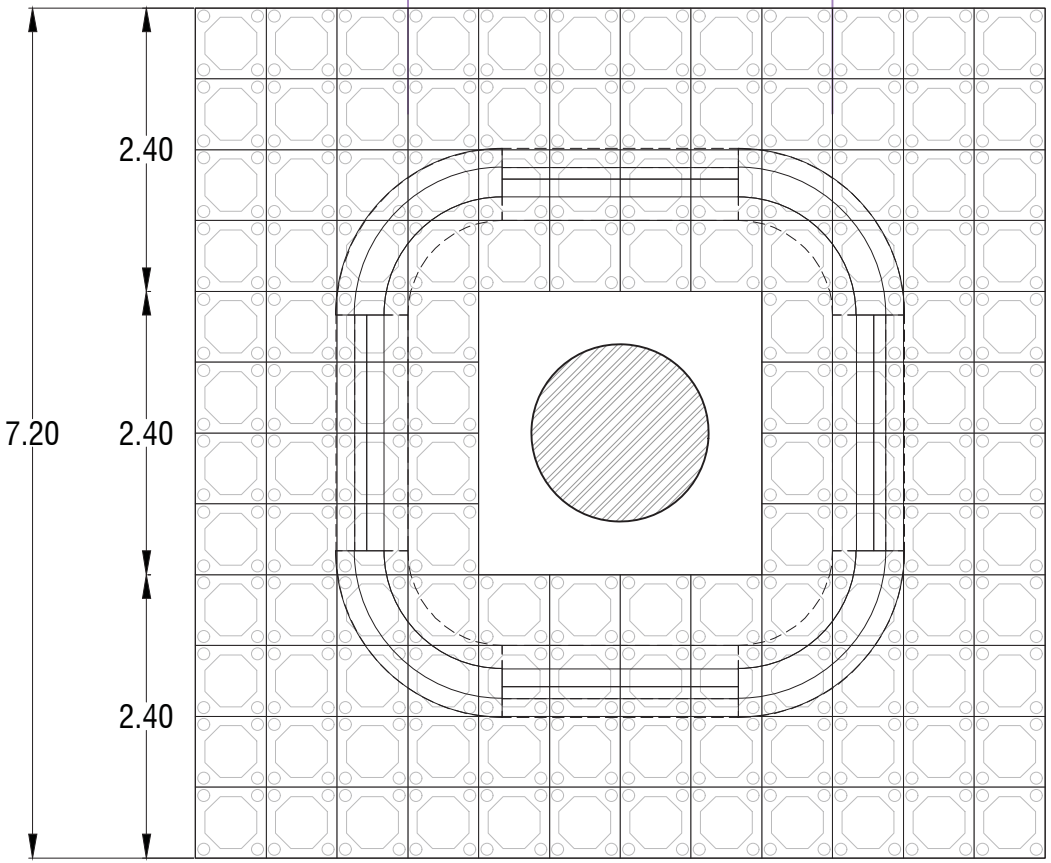


nieuwe solitaire pleinboom
Tilia tomentosa ‘Doornik’
maat 120-140, hoogte ca 12 m

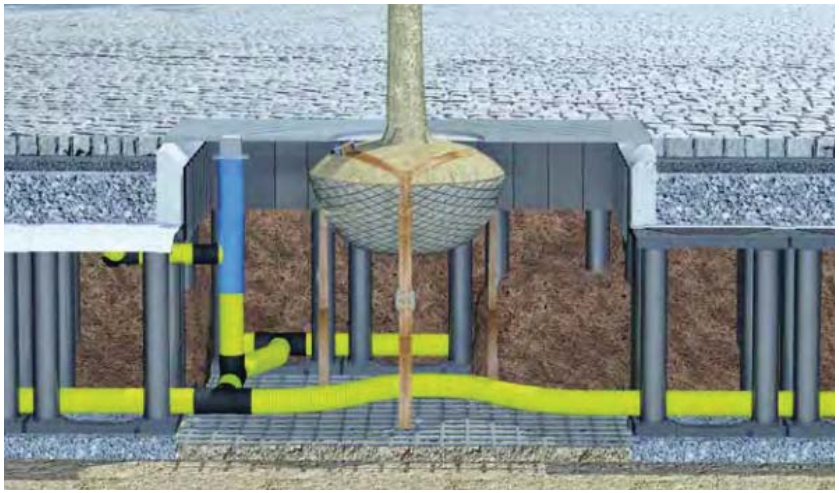


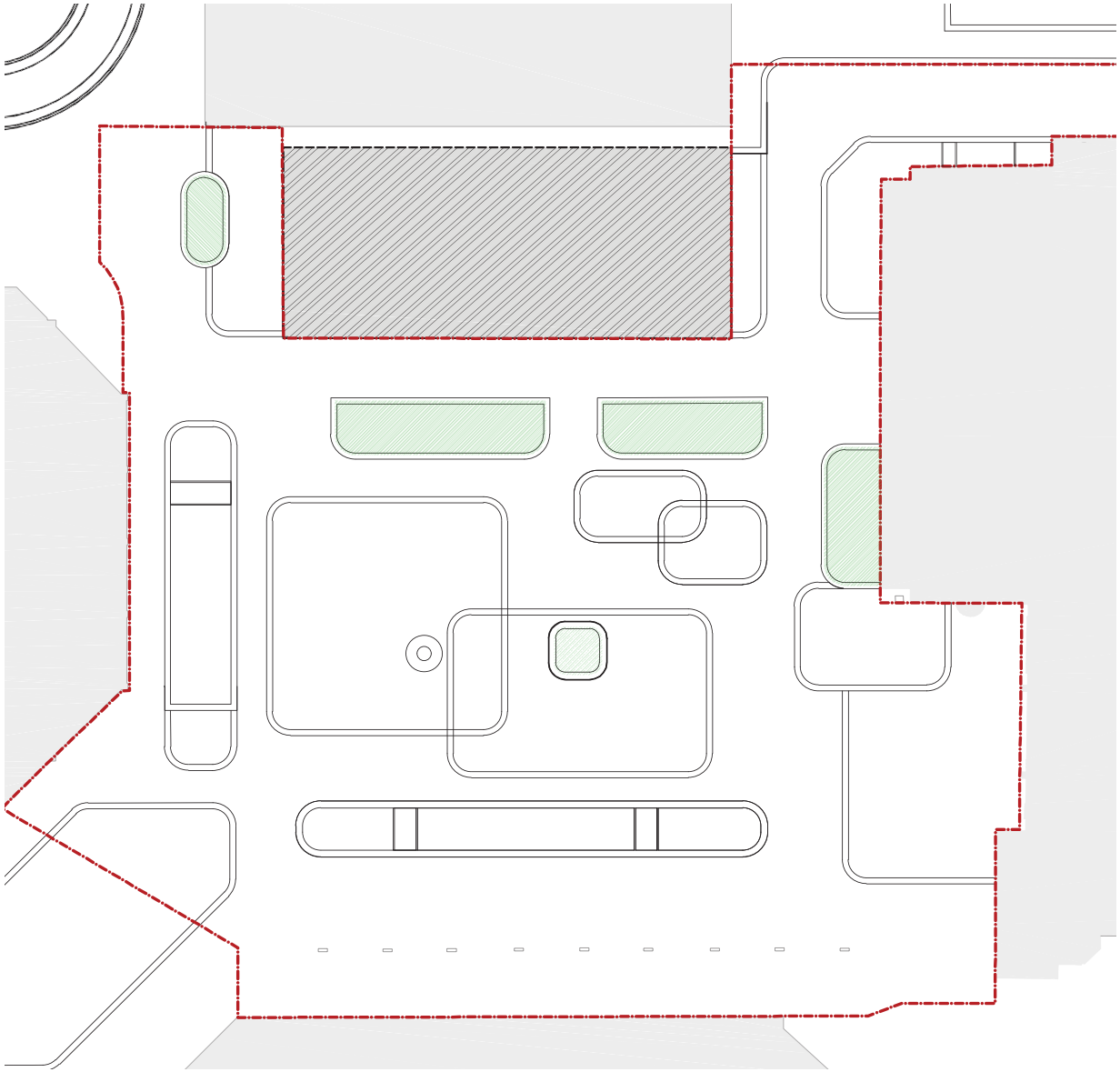






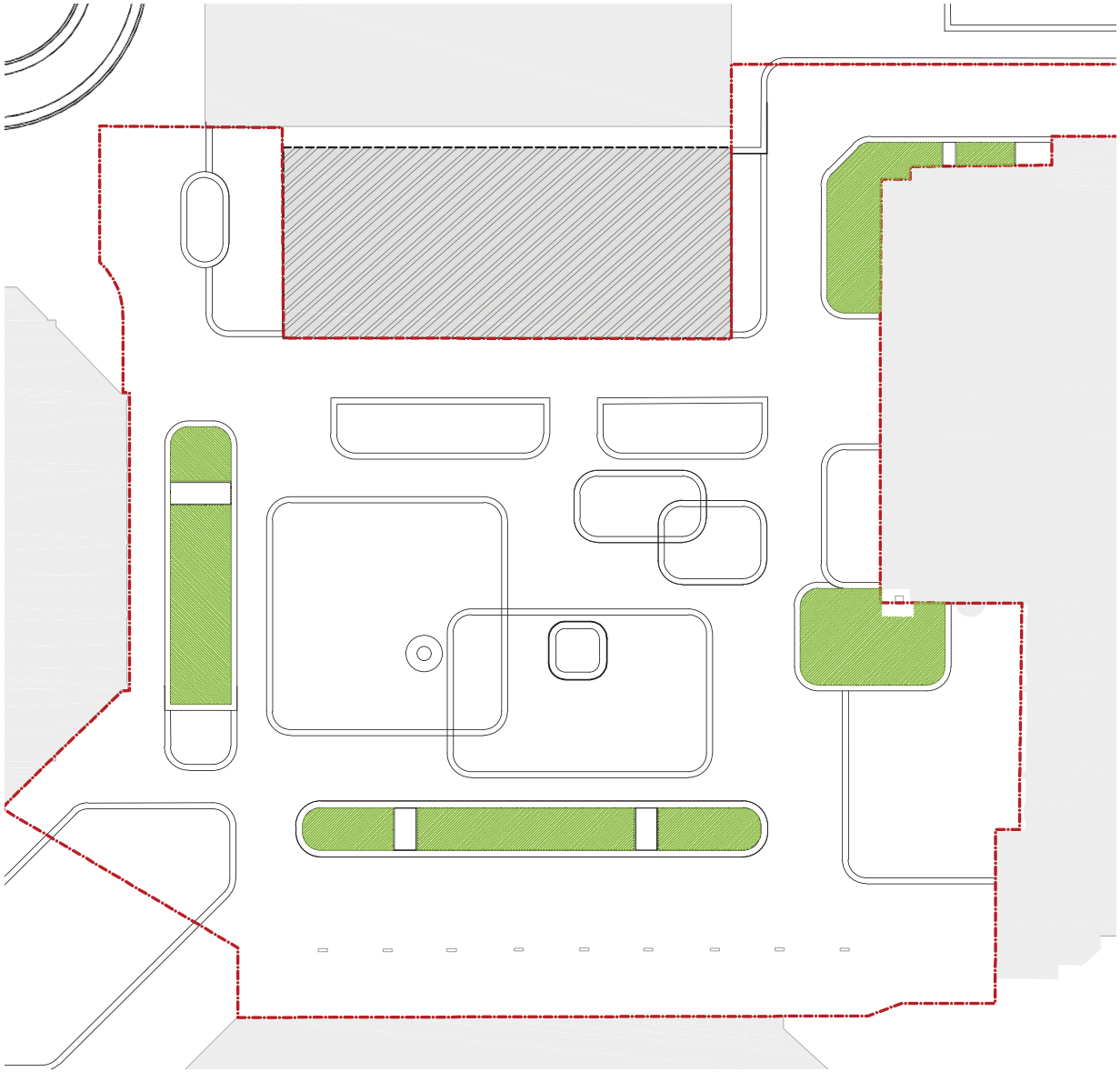
referentie boombunkers GreenMax





vakbeplanting
invulling met vaste planten assortiment i.o.m. gemeente en GriffioenWassenaar



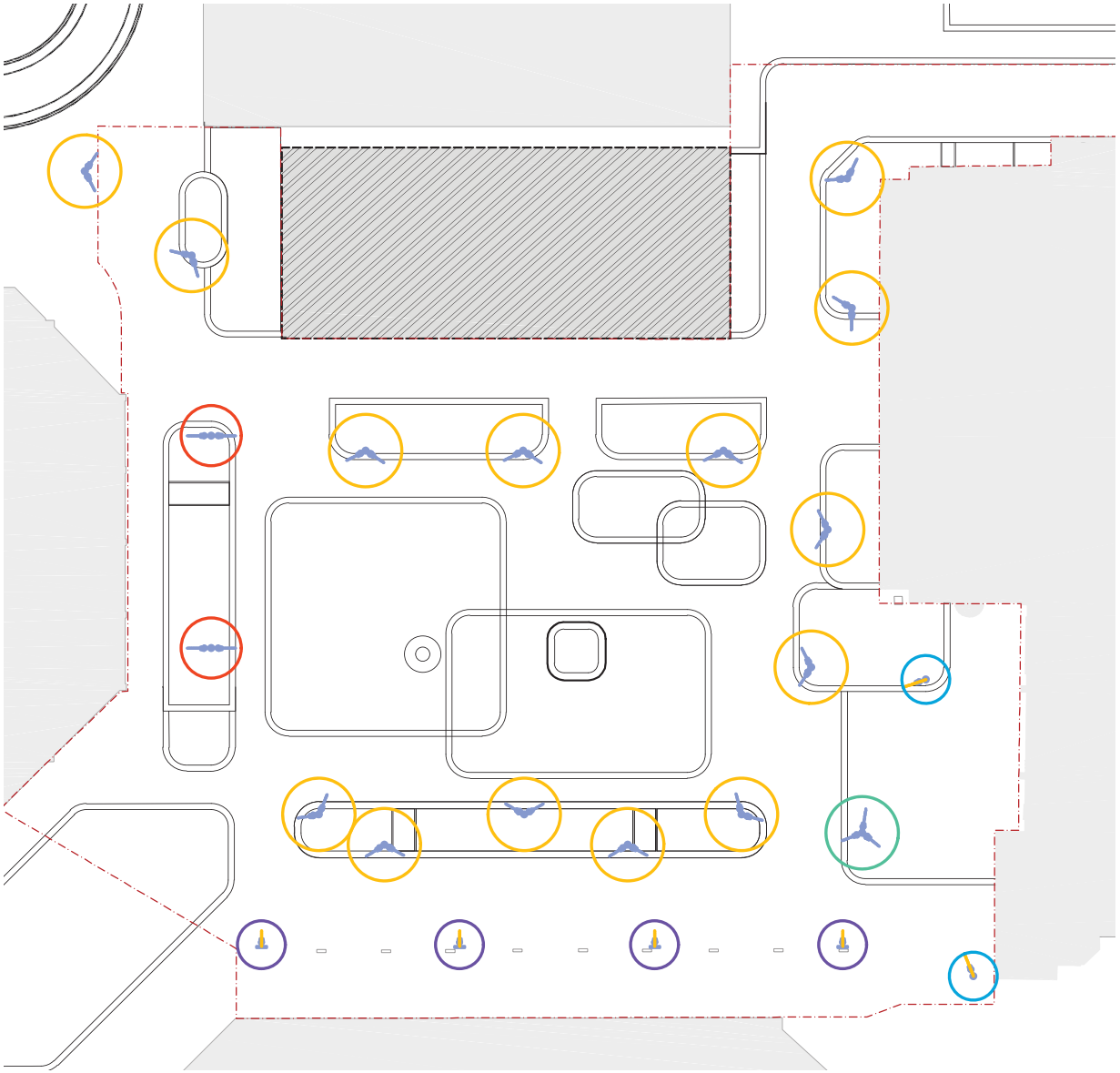


vakbeplanting
invulling met vaste planten assortiment i.o.m. gemeente en GriffioenWassenaar



inrichtingselementen

- verlichting
- afwatering
- kunstwerk
- marktkasten
- bankjes
- afvalbakken



verlichting

type L1: Olivio candelabra Grande (dubbele uithouder)
hoek 120 ° LPH 5,2 m

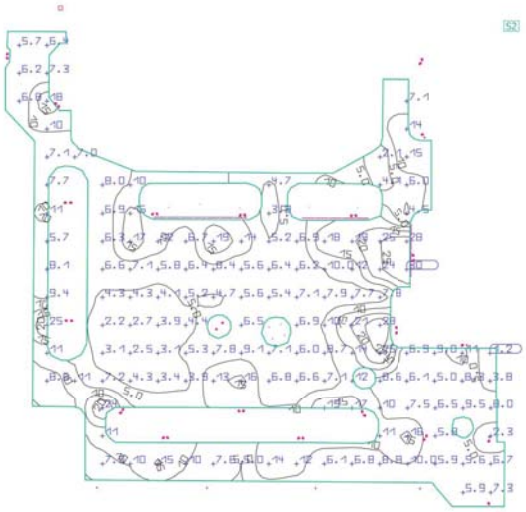
type L2: Olivio candelabra Grande (dubbele uithouder)
hoek 180° LPH 5,2 m

type L3: Olivio candelabra Grande (enkele uithouder)
hoek 180° LPH 5,2 m

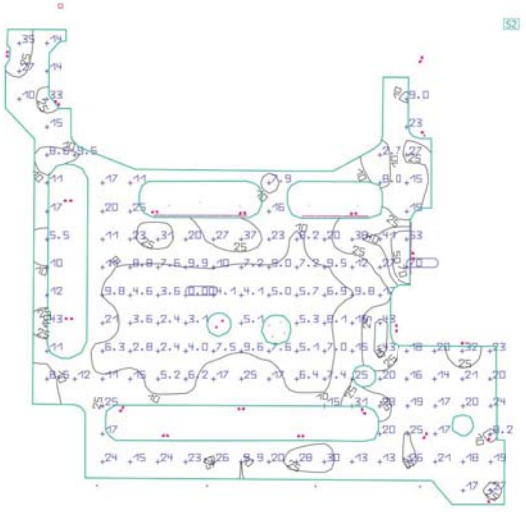
type L4: Olivio Grande (wandarmatuur) LPH 5,2 m

type L5: Olivio candelabra Grande (drievoudige uithouder)
hoek 3 x 120° LPH 5,2 m

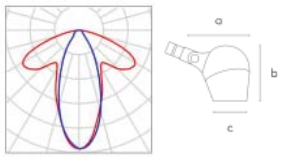




Properties	Ē	E_{min}	E_{max}	g_1	g_2	Index
Berekeningsvlak incl. middengebied Semi-cylindrical illuminance Rotation: 0.0°, Height: 1.600 m	9.29 lx	1.18 lx	29.7 lx	0.13	0.040	S2

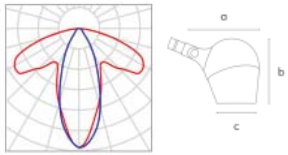


Properties	Ē	E_{min}	E_{max}	g_1	g_2	Index
Berekeningsvlak incl. middengebied Horizontal illuminance Height: 0.000 m	16.7 lx	0.000 lx	70.3 lx	0.00	0.00	S2



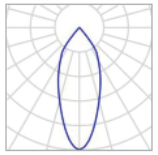
Medio Ø 163
a) 260mm, b) 260mm, c) Ø 163mm

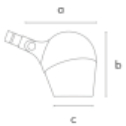
pcs.	4	P	27.0 W
Manufacturer	selux Copyright SXKat V	$\Phi_{Luminaire}$	2400 lm
Article No.	SX 961 13-9	Luminous efficacy	88.9 lm/W
Article name	Olivio Medio	CCT	3000 K
Fitting	1x 2400 lm, 27 W	CRI	100



Grande Ø 205
a) 317mm, b) 324mm, c) Ø 205mm

pcs.	36	P	39.0 W
Manufacturer	selux	$\Phi_{Luminaire}$	3600 lm
Article No.	SX 960 13-9	Luminous efficacy	92.3 lm/W
Article name	Olivio Grande	CCT	3000 K
Fitting	1x LED	CRI	80





Grande Ø 205
a) 317mm, b) 324mm, c) Ø 205mm

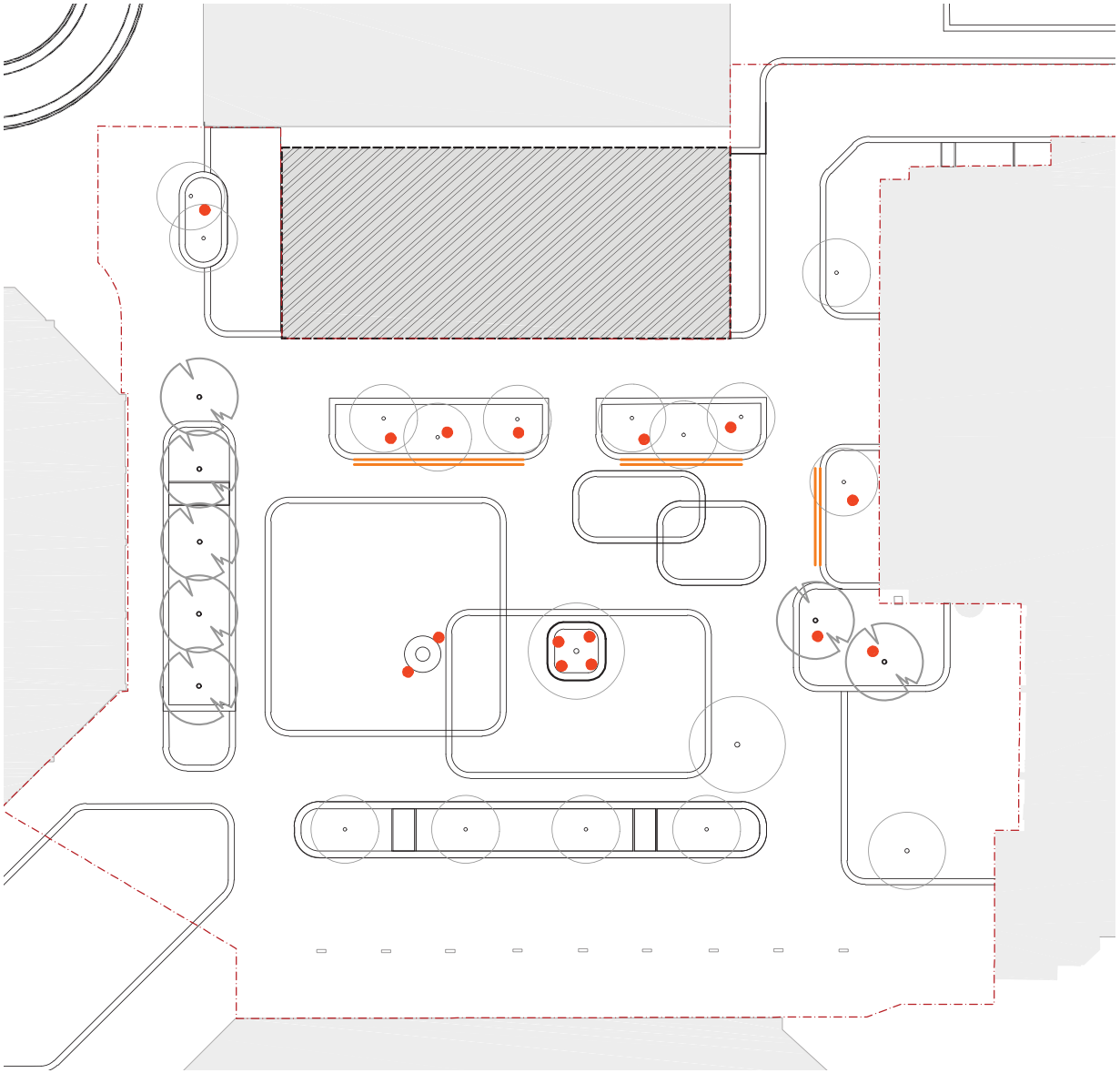
pcs.	3	P	39.0 W
Manufacturer	selux Copyright SXKat V	$\Phi_{Luminaire}$	4500 lm
Article No.	SX 960 11-9	Luminous efficacy	115.4 lm/W
Article name	Olivio Grande	CCT	3000 K
Fitting	1x 4500 lm, 39 W	CRI	100









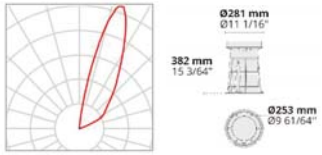




type L6: LED-lichtlijn onder zitranden
nader te specificeren

type L7a: uplights bij bomen
nader te specificeren

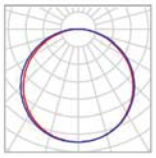


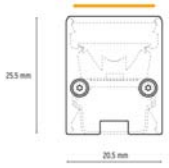


pcs.	2
Manufacturer	HEPER
Article No.	LR9005.524-EN-WW-350-830
Article name	ZEROX Dyno - DYNO 4 - 8W - 350mA - 3000K CRI 80
Fitting	1x LED 3000K 1270

P	10.0 W
$\Phi_{Luminaire}$	762 lm
Luminous efficacy	76.2 lm/W
CCT	3000 K
CRI	80







	16
Manufacturer	LED Linear GmbH
Article No.	W845
Article name	ADONIS IQ White Nexus HD12 W845 IP67 1826,5
Fitting	1x LED module

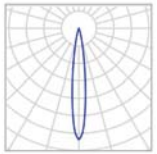
P	10.9 W
Φ_{Lamp}	394 lm
$\Phi_{Luminaire}$	394 lm
η	100.00 %
Luminous efficacy	36.3 lm/W
CCT	2500 K
CRI	85

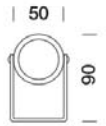


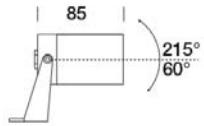








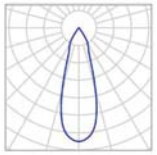




pcs.	6
Manufacturer	Platek s.r.l.
Article No.	9405011
Article name	NANO Proiettore 1 LED (2,7W - 3000K) Spot - 12V DC
Fitting	1x LED

P	2.7 W
Φ_{Lamp}	175 lm
$\Phi_{Luminaire}$	175 lm
η	100.00 %
Luminous efficacy	64.8 lm/W
CCT	3000 K
CRI	100





pcs.	4
Manufacturer	Platek s.r.l.
Article No.	9405213
Article name	NANO Xxl 1 LED (16W - 3000K) Medium 220-240V 50/60Hz
Fitting	1x LED

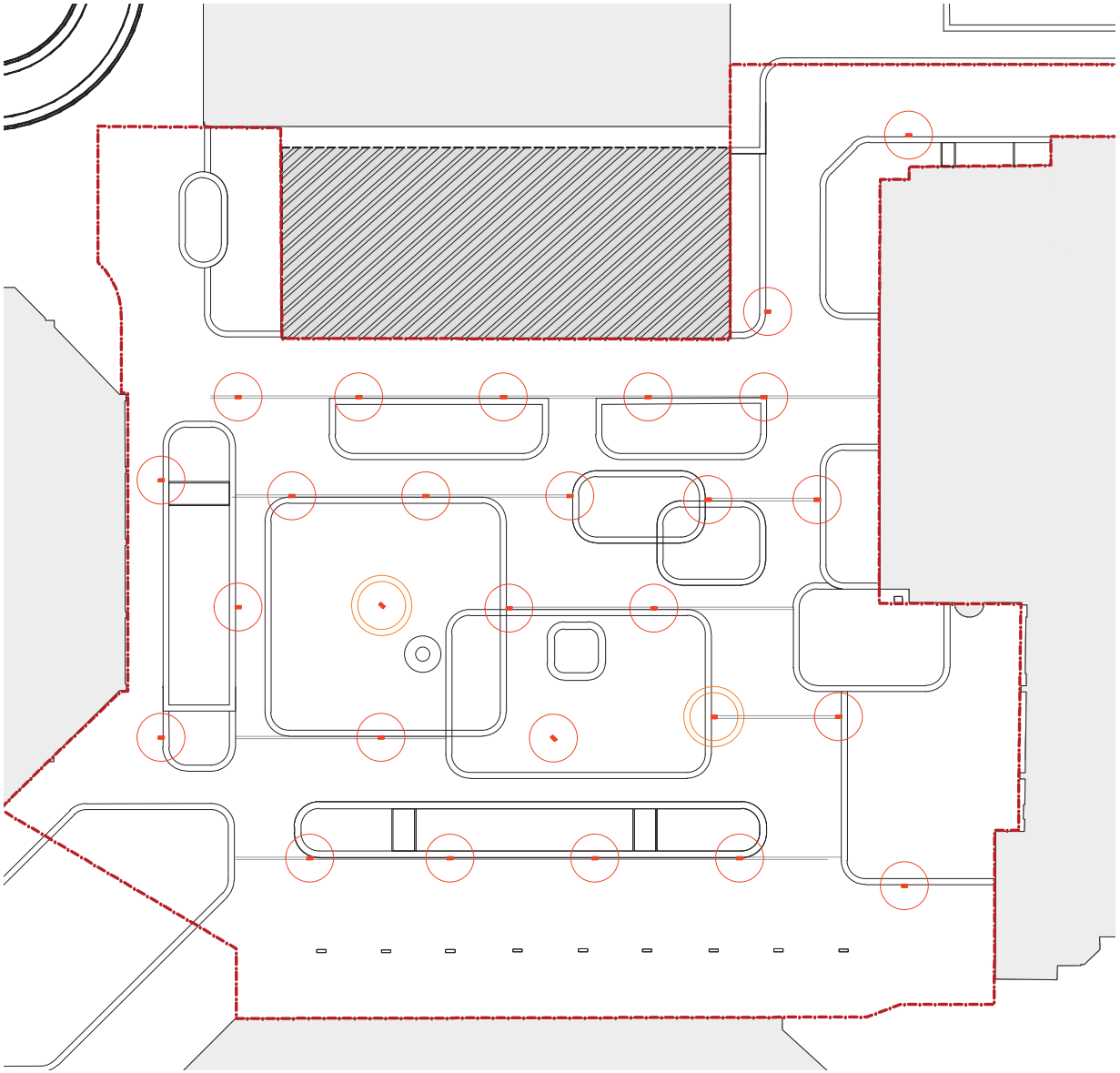
P	16.0 W
Φ_{Lamp}	970 lm
$\Phi_{Luminaire}$	970 lm
η	100.00 %
Luminous efficacy	60.6 lm/W
CCT	3000 K
CRI	100



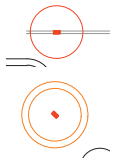
impressie pleinverlichting

impressie verlichting onder zitranden





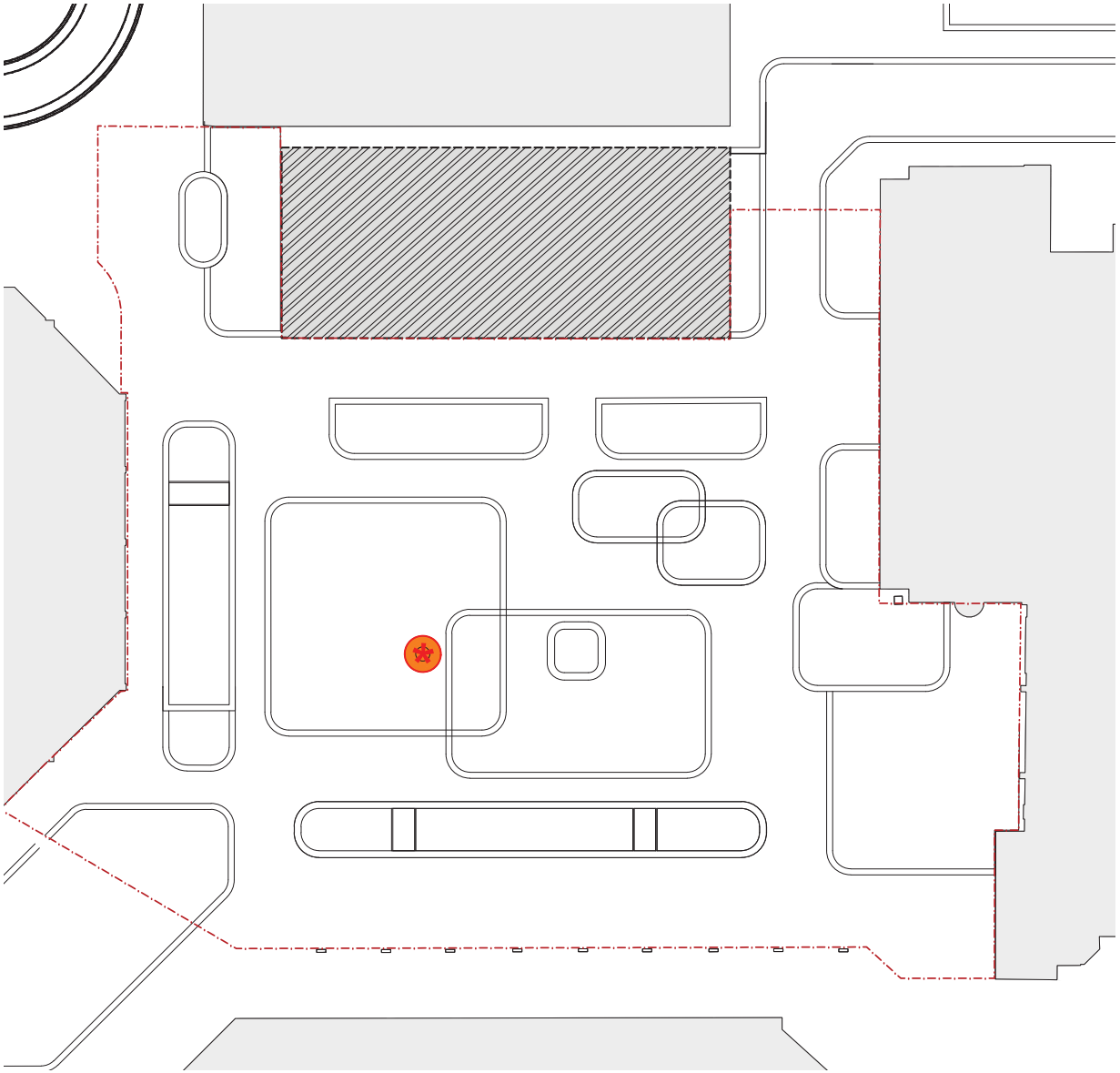
afwatering mbv straatkolken
straatkolken type K20F (breedte 20 cm) aangebracht in steens rollaag van Marrone klinkers.



aansluiting op HWA

aansluiting op DWA
(ivm vuilwater markt)

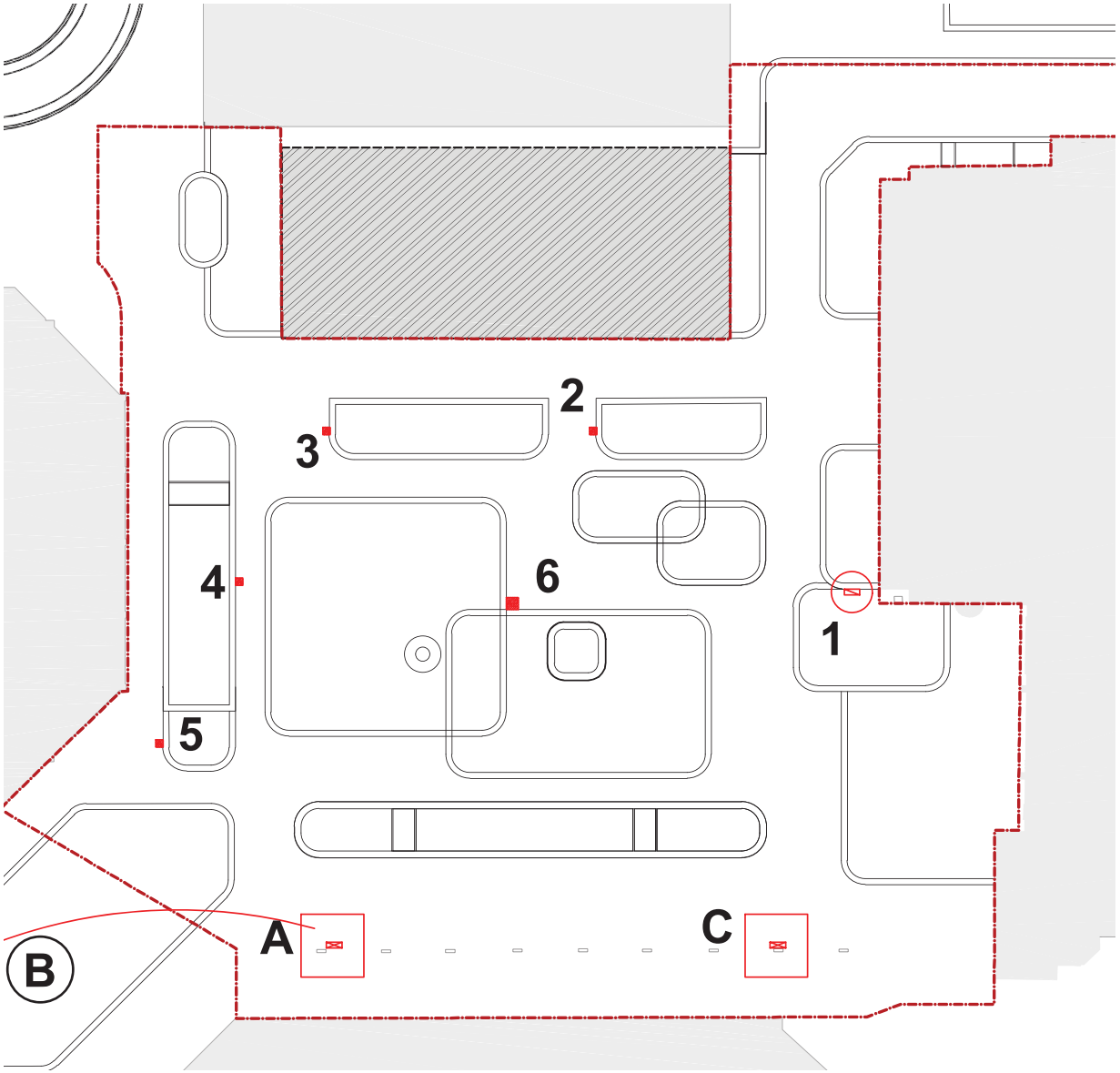




kunstwerk
nader uit te werken (aangelicht) kunstobject als ontmoetings- en zitplek en markant herkenningspunt op het plein.

Selectie kunstenaar dmv kunstcommissie gemeente.





marktkasten volgens opgave gemeente

1 Buitenopstelling kast
3 x CEE 16A 3P
1 x CEE 65A 5P
Inclusief service WCD in kast

2 Ondergrondse Aansluitkast
2 x CEE 16A 3P
1 x CEE 16A 5P

3 Ondergrondse Aansluitkast
2 x CEE 16A 3P

4 Ondergrondse Aansluitkast
2 x CEE 16A 3P

5 Ondergrondse Aansluitkast
2 x CEE 16A 3P

6 W Ondergrondse Aansluitkast
1 x CEE 32A 5P
2 x CEE 16A 5P
5 x 230V 5P
+ waterpunt aan te leggen

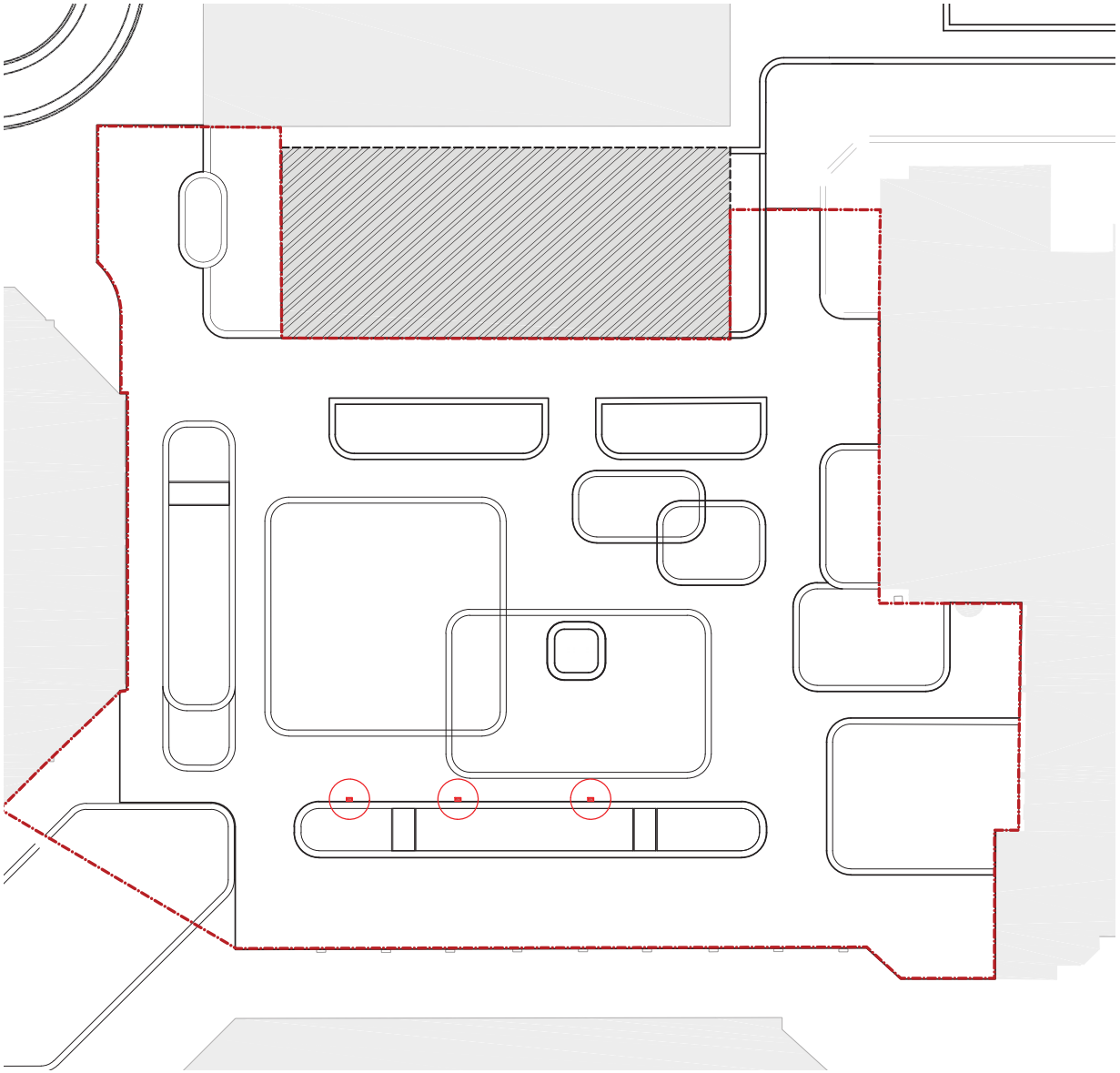
A Bestaande marktkast te vervangen door Marktstroom moederkast voor 2
8 x CEE 16A 3P
1 x CEE 16A 5P
1 x CEE 32A 5P
+ waterpunt nw aan te leggen

B Bestaande marktkast te vervangen door Marktstroom
x CEE 16A 3P
x CEE 16A 5P
x CEE 32A 5P

C W Bestaande marktkast te vervangen door Marktstroom
x CEE 16A 3P
x CEE 16A 5P
x CEE 32A 5P
+ waterpunt

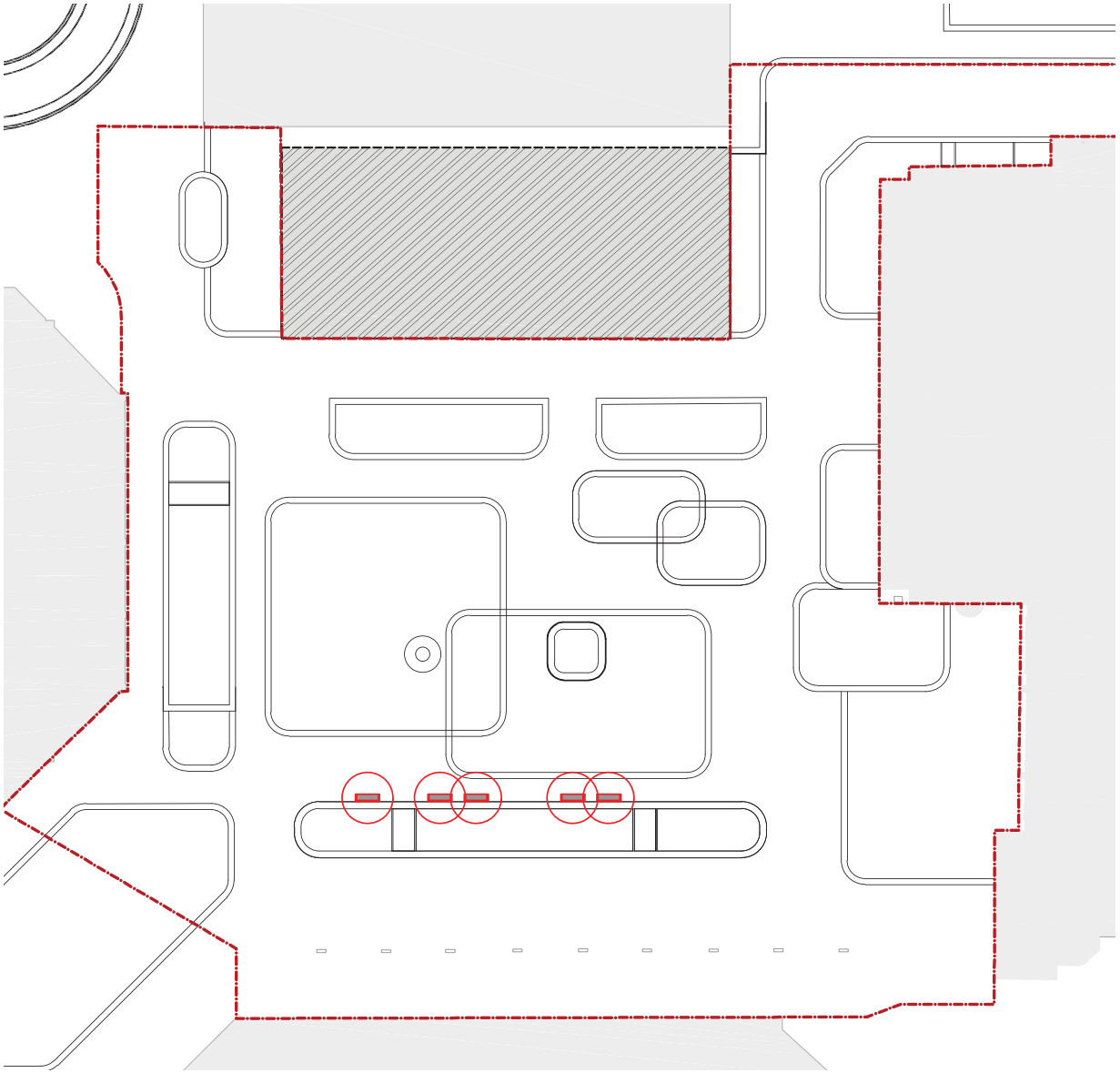
impressie marktopstelling





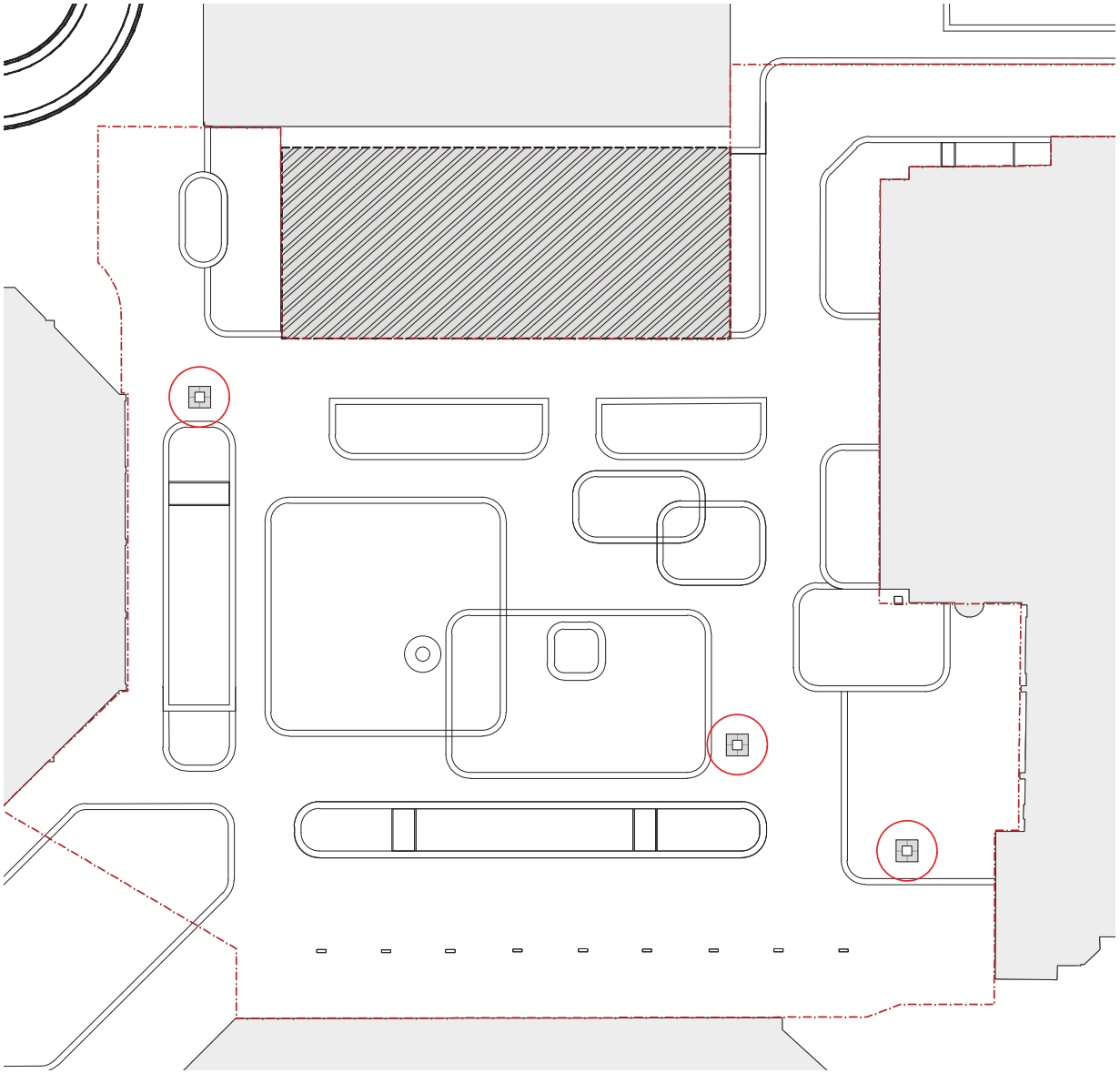
type afvalbak Center (Samson)





type Sara, combinatie hout/gietijzer
lengte 2 m





boomrooster
type Lateraal 1,80x1,80, gietijzer

