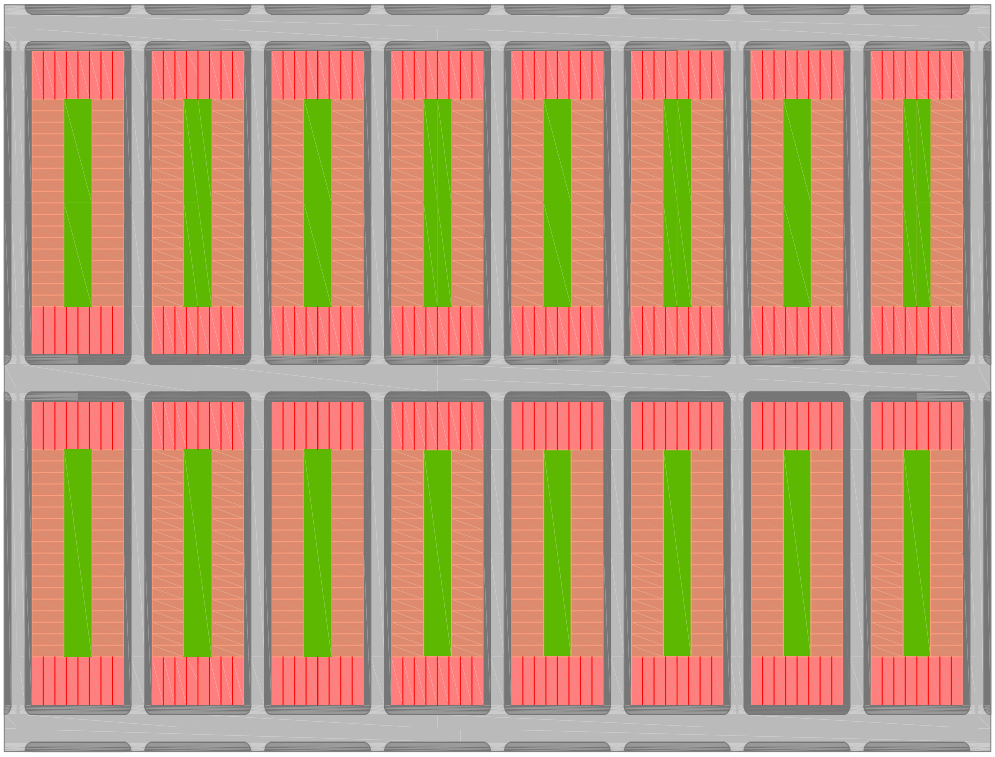
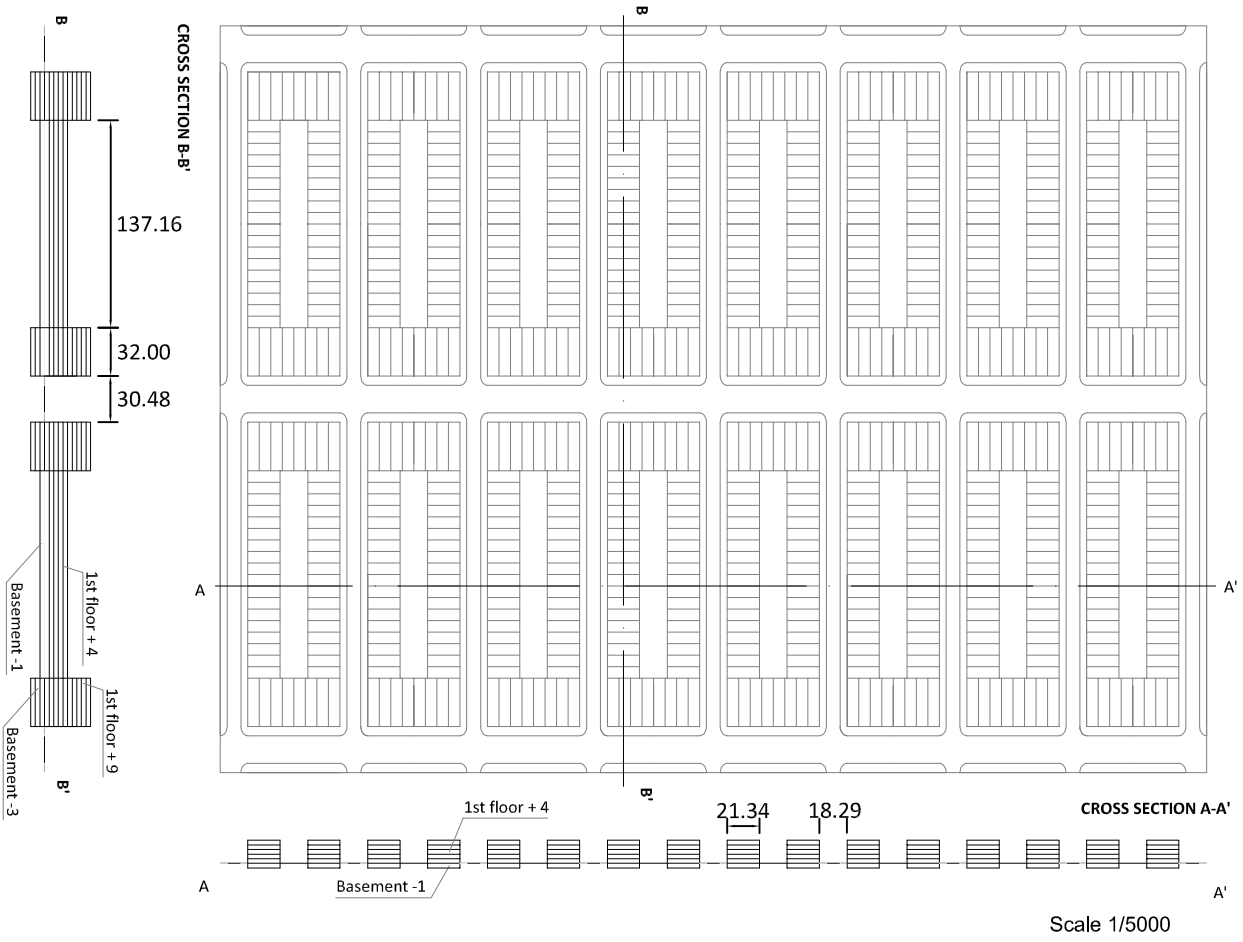
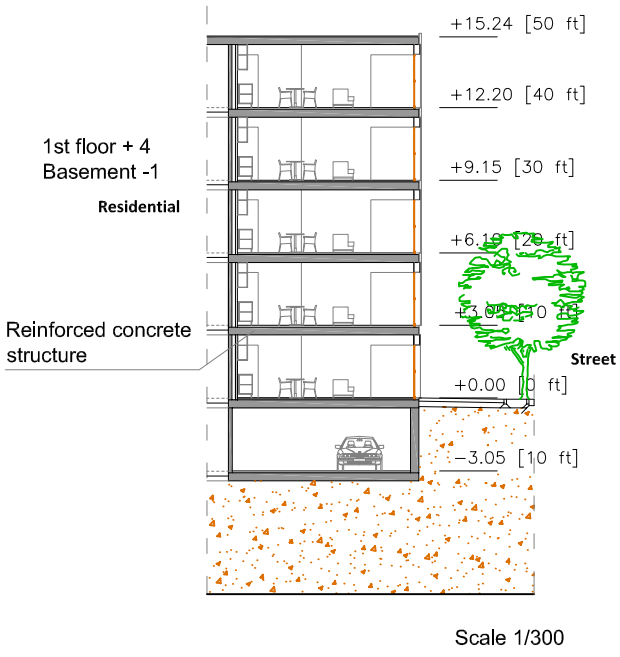
ANNEX I. DETAIL MAPS

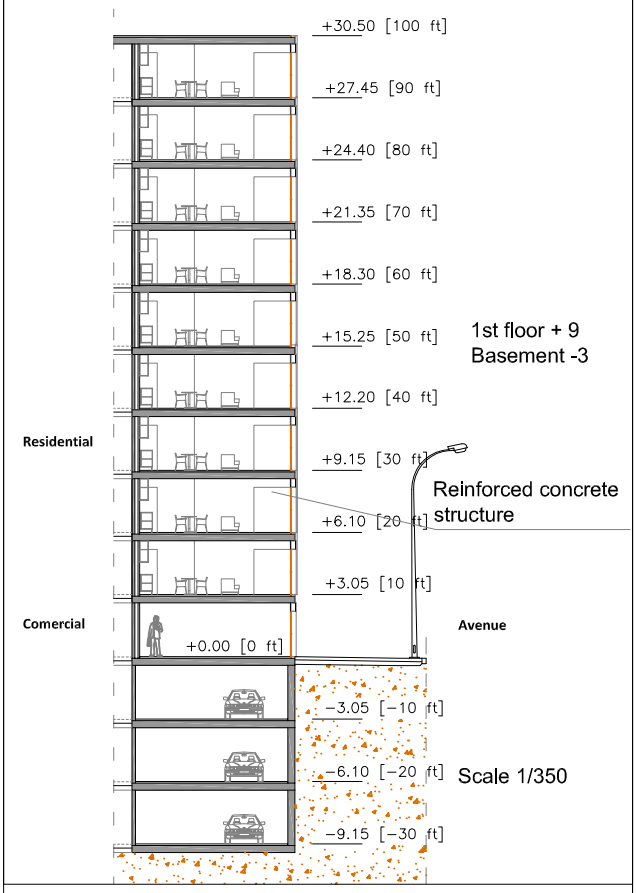


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Plan view	1/5000	1

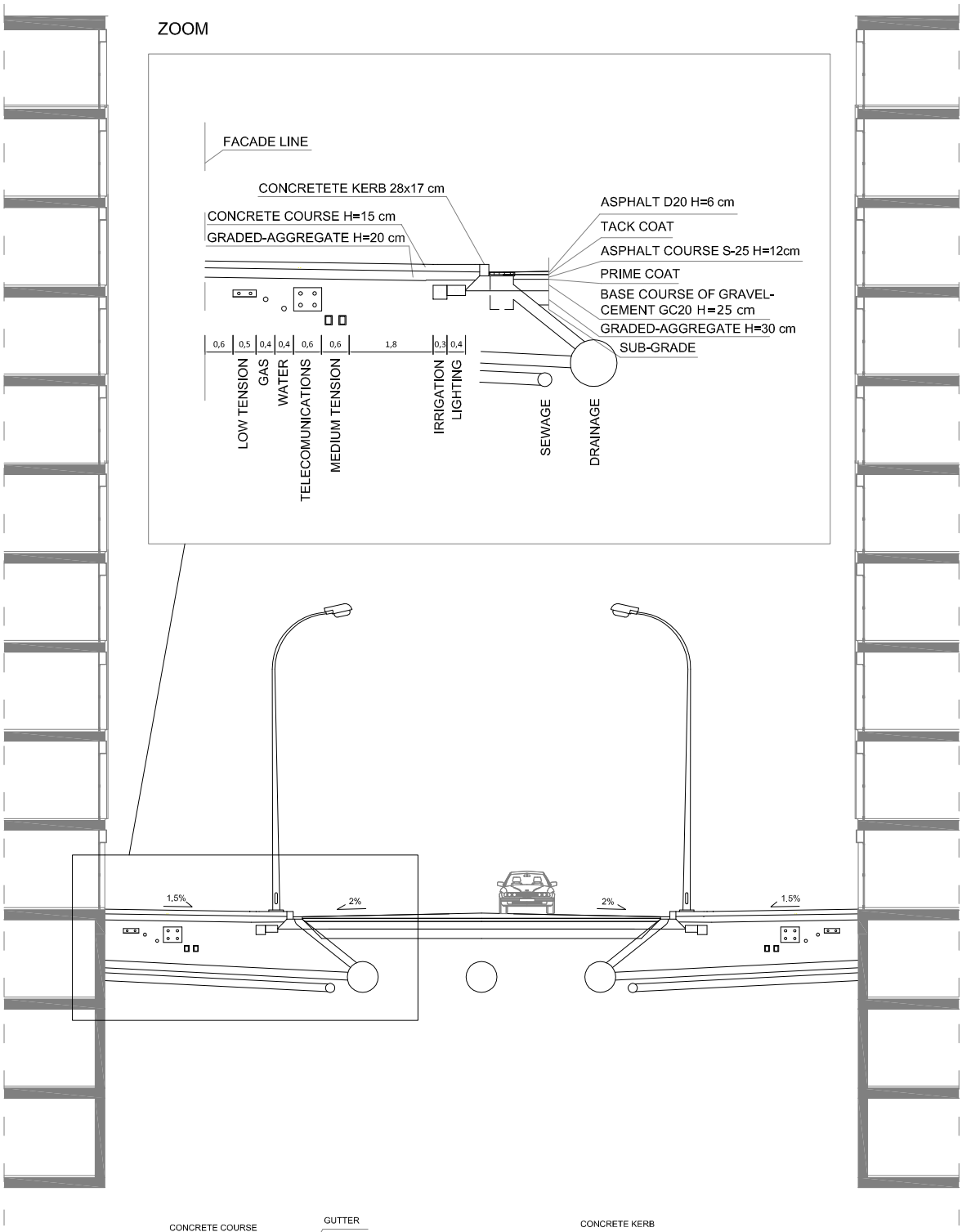


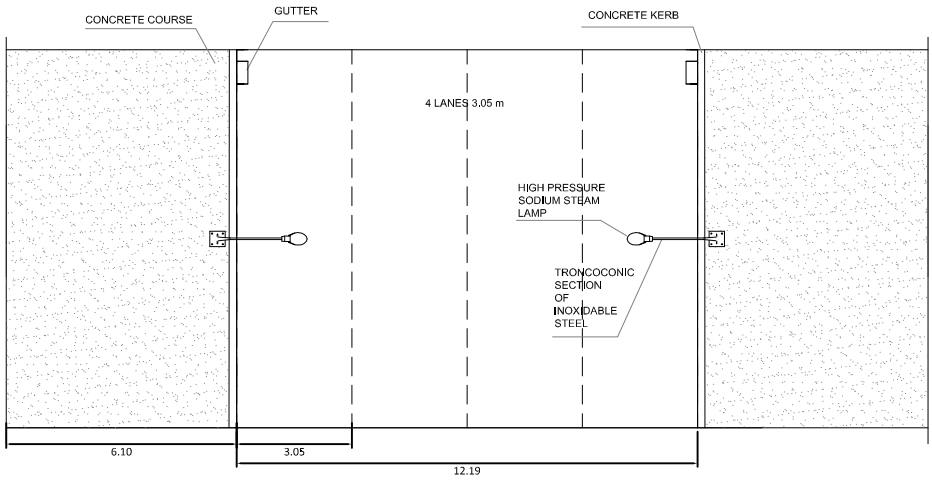
BUILDING FEATURES





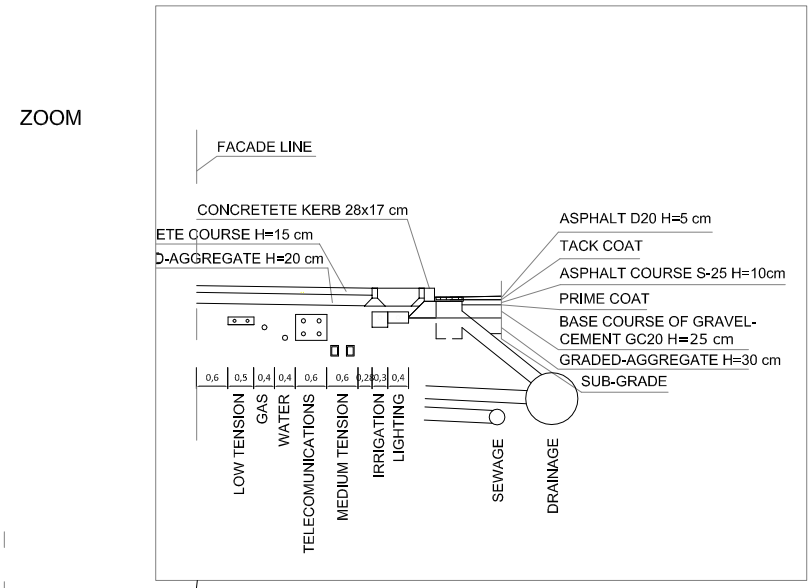
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Cross section	several	2

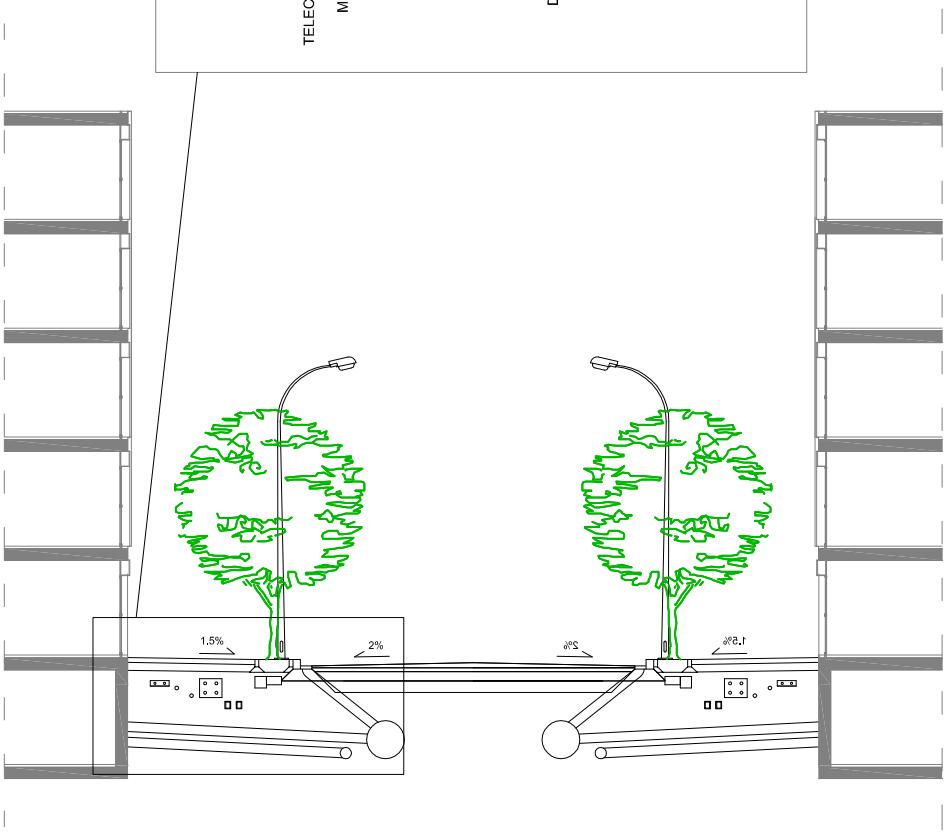


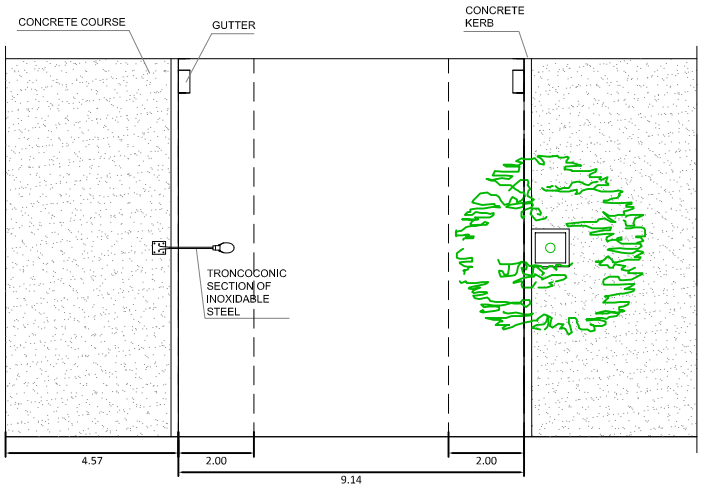


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Street section (Avenues)	1/200	3

ZOOM

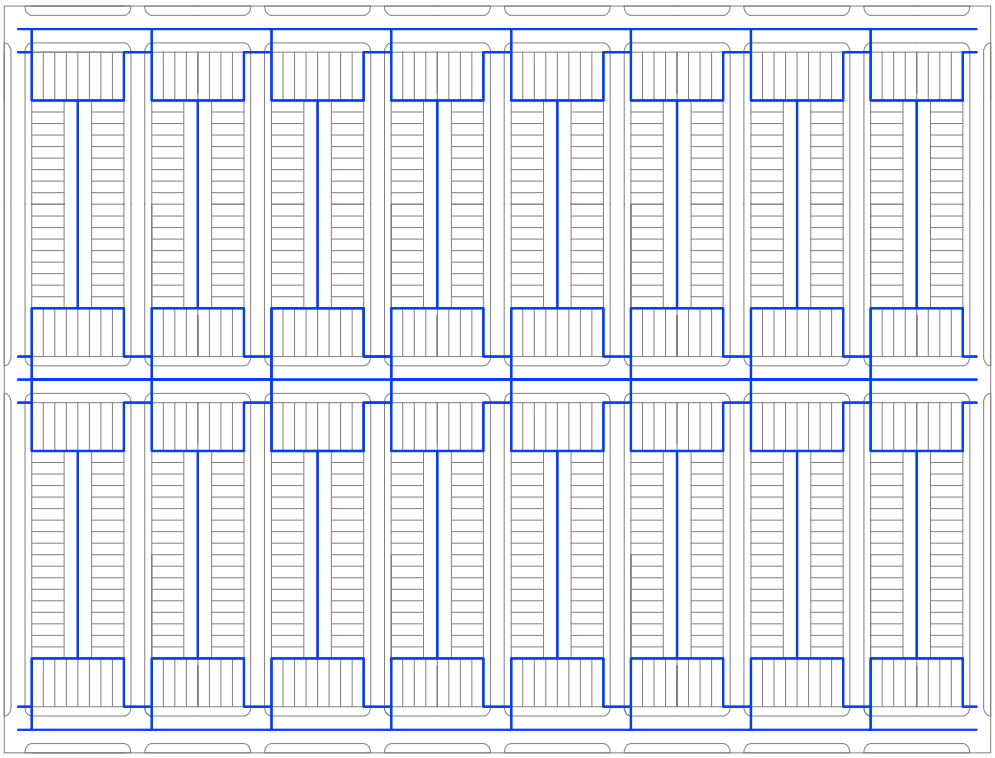




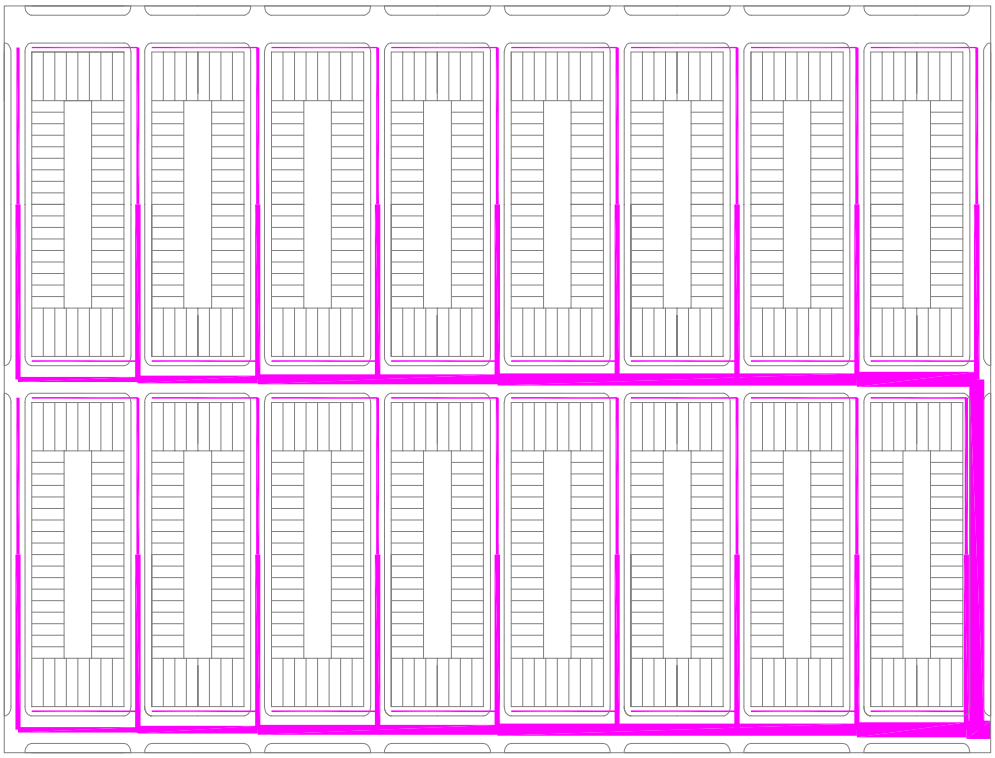


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Street section (Streets)	1/200	4

DRAINAGE BASINS



DRAINAGE SYSTEM

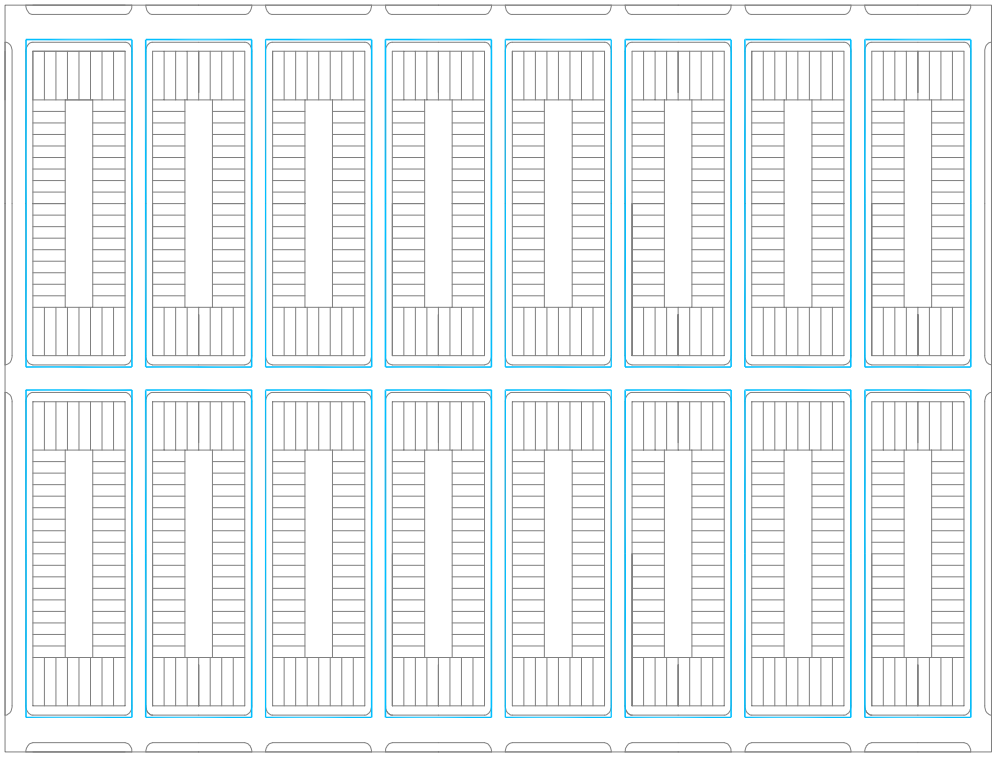


Diameters

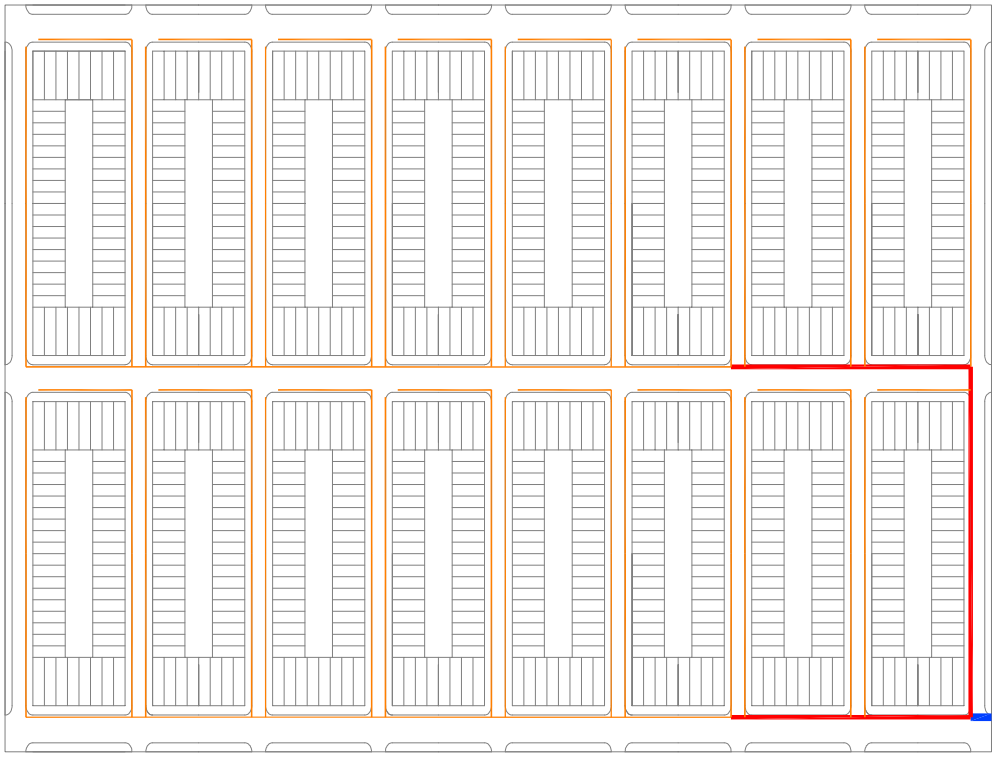
40 mm	80 mm	140 mm
50 mm	100 mm	160 mm
60 mm	120 mm	

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Drainage system	1/5000	5

DRINKING WATER



SEWAGE SYSTEM



Diameters

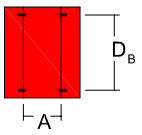
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Drinking water and sewage system	1/5000	6

DRINKING WATER

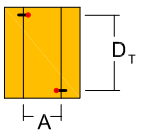
Avenues

A = 18 m
H = 10 m
D_B= 27 m
P = 250 W



Streets

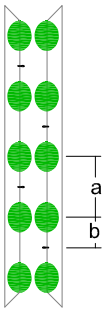
A = 9 m
H = 8 m
D_T= 20 m
P = 150 W

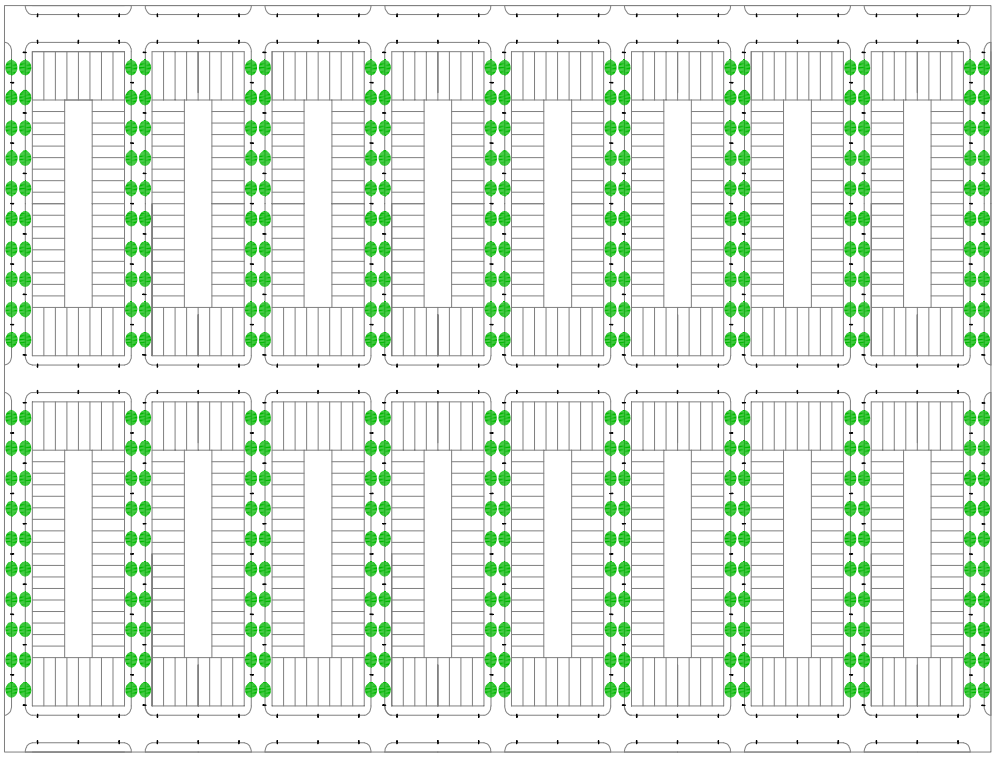


TREE ALIGNMENT

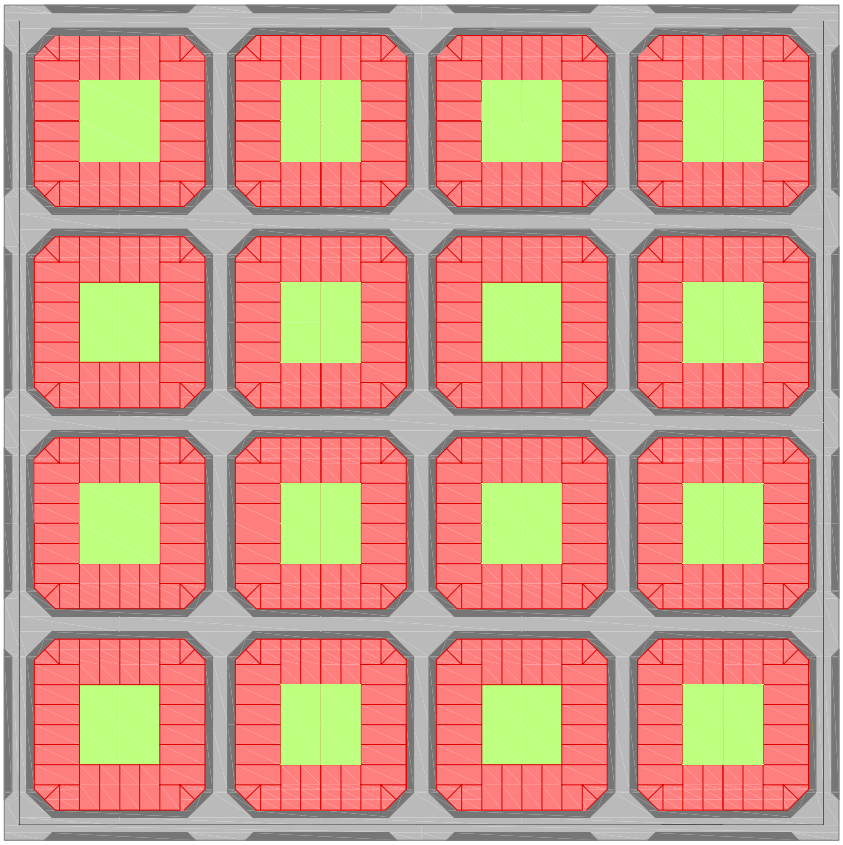
Streets

a = 20 m
b = 10 m

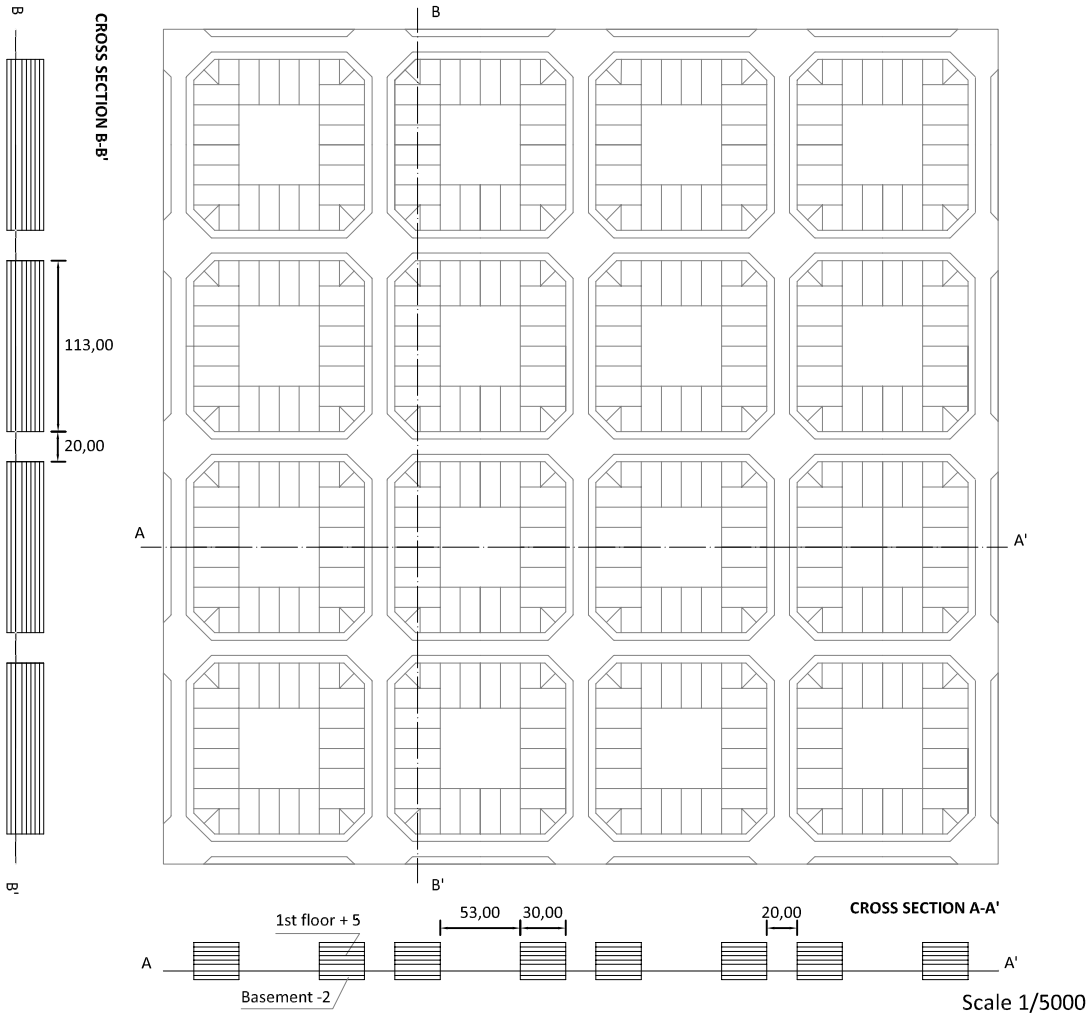




TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	American closed fabric	Lighting and tree alignment	1/5000	7

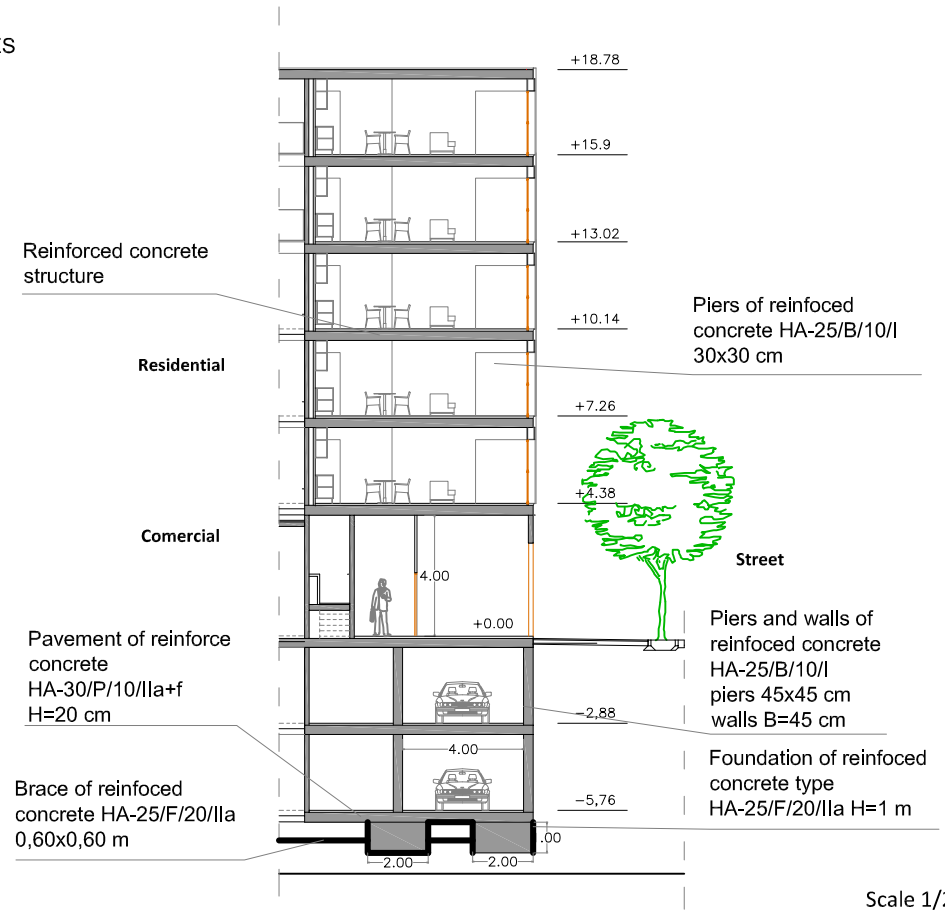


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	Plan view	1/5000	1



Scale 1/5000

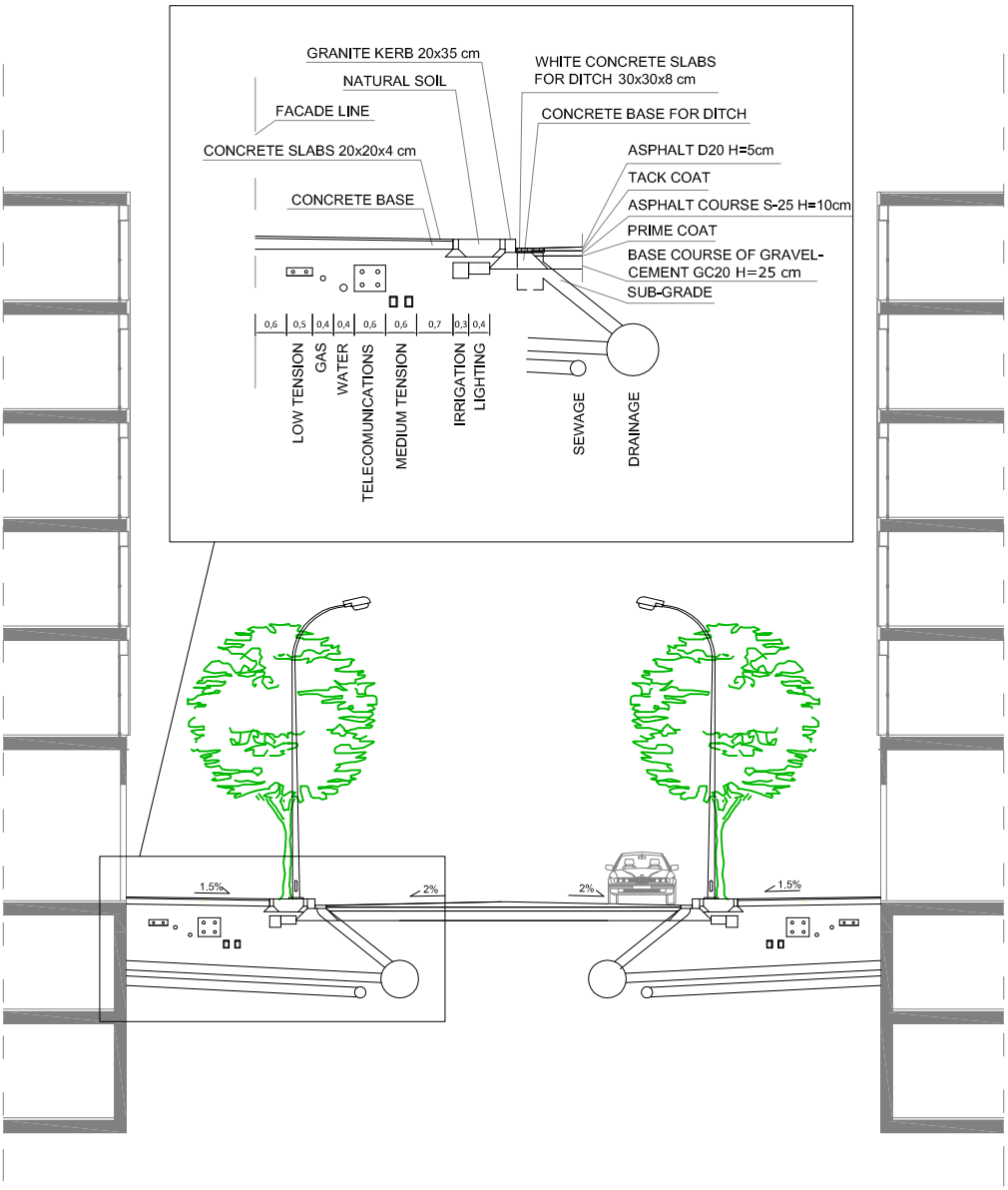
BUILDING FEATURES

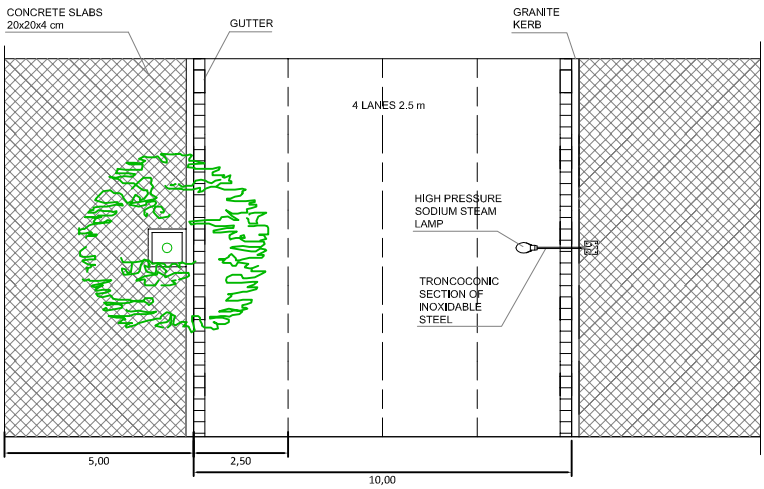


Scale 1/250

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	City&buildings cross section	several	2

ZOOM

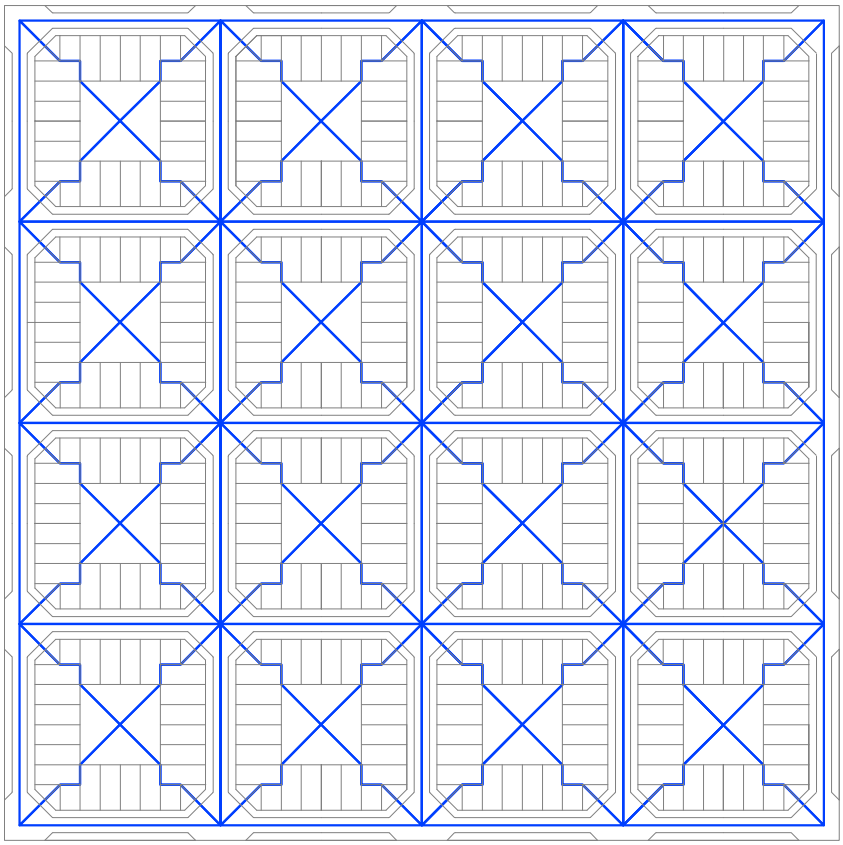




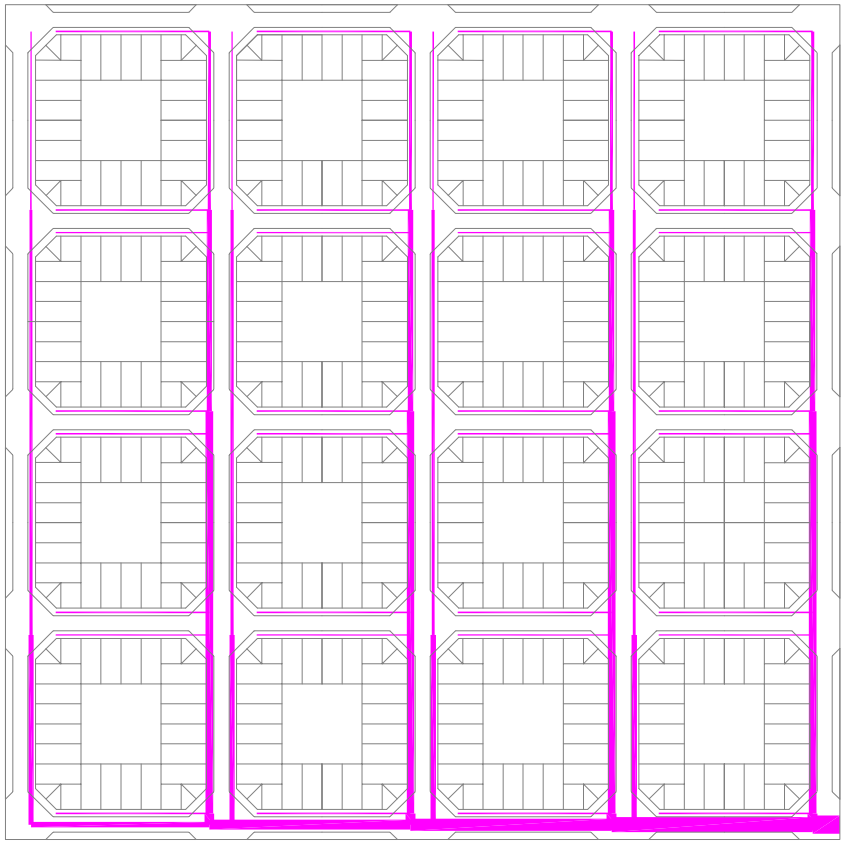
STREET SECTION
Eixample, Barcelona (Spain)

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	Street section	1/200	3

DRAINAGE BASINS



DRAINAGE SYSTEM

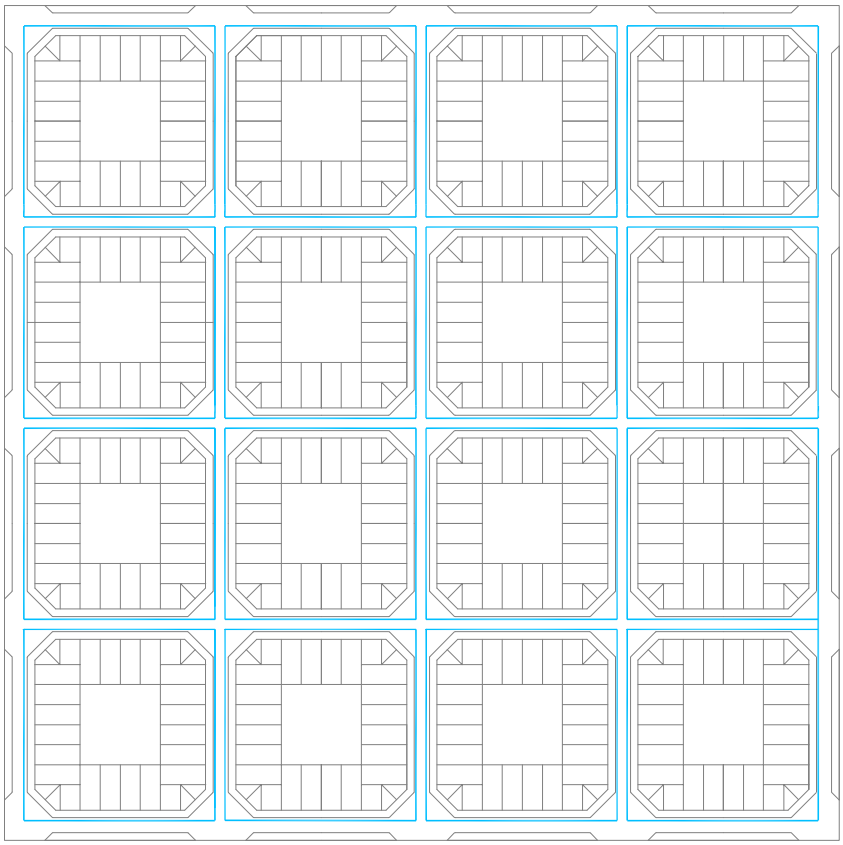


Diameters

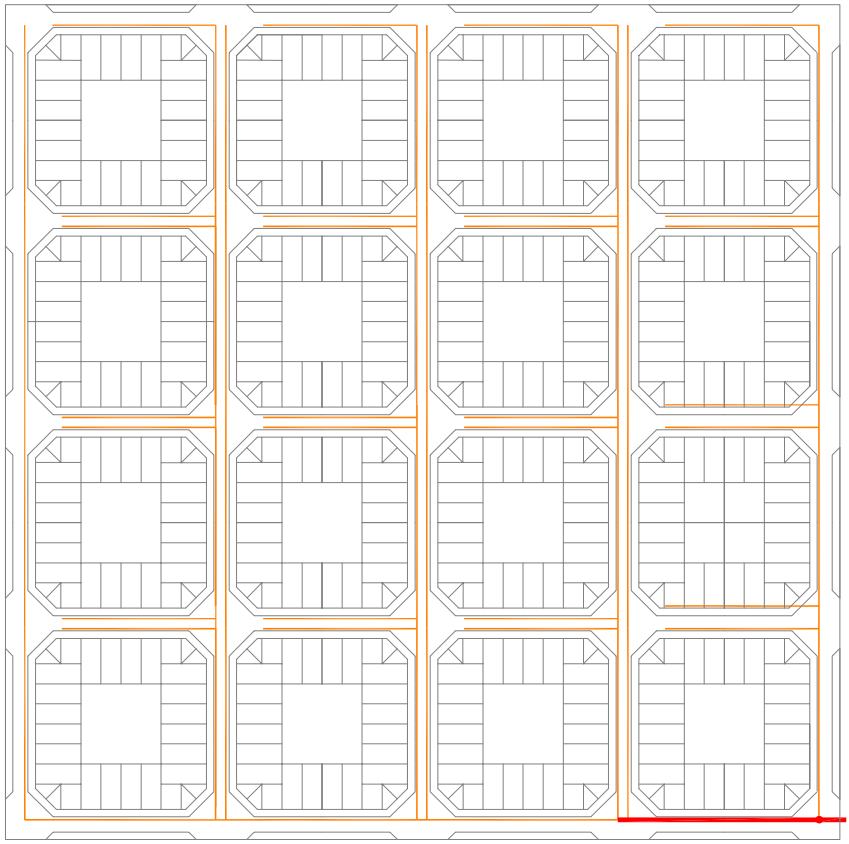
- 40 mm
- 50 mm
- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 140 mm
- 160 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	Drainage system	1/5000	4

DRINKING WATER



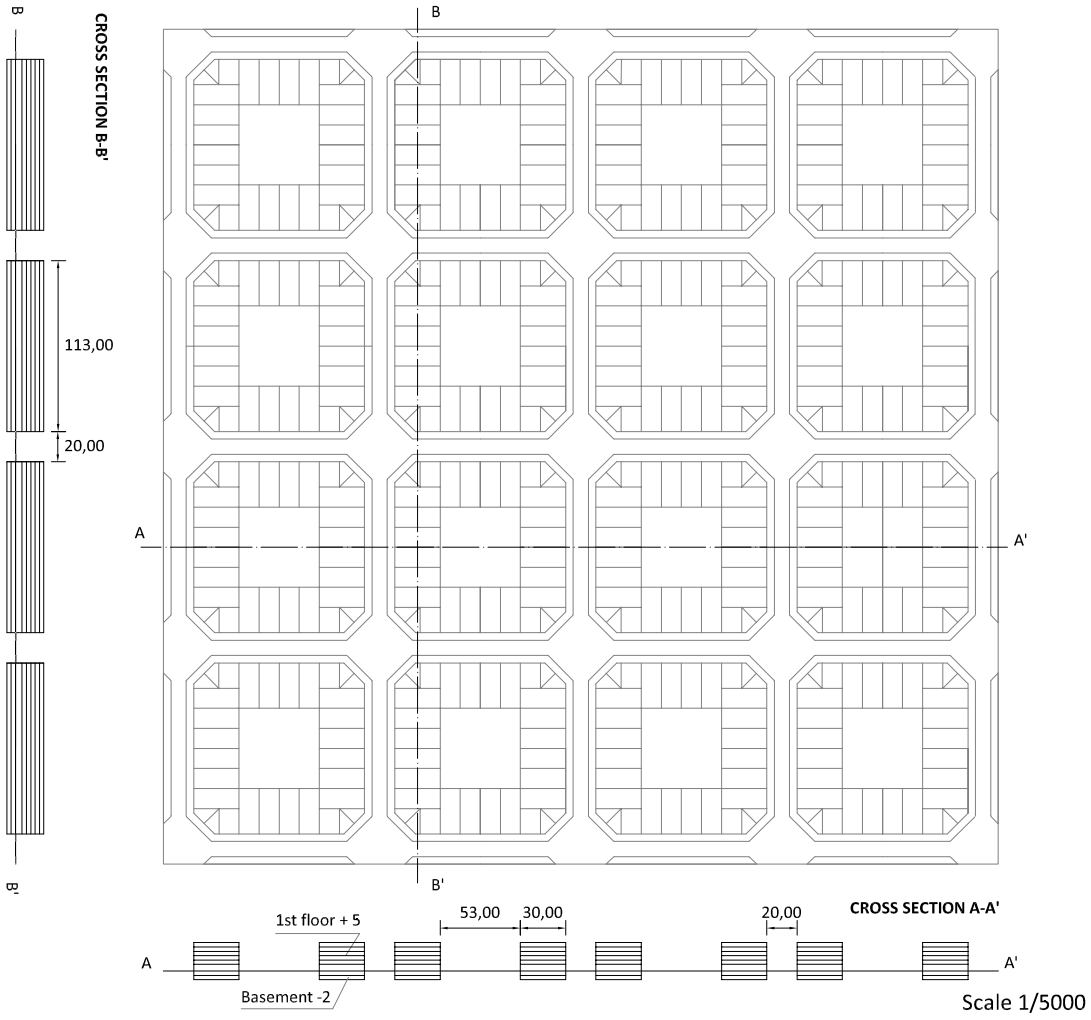
SEWAGE SYSTEM



Diameters

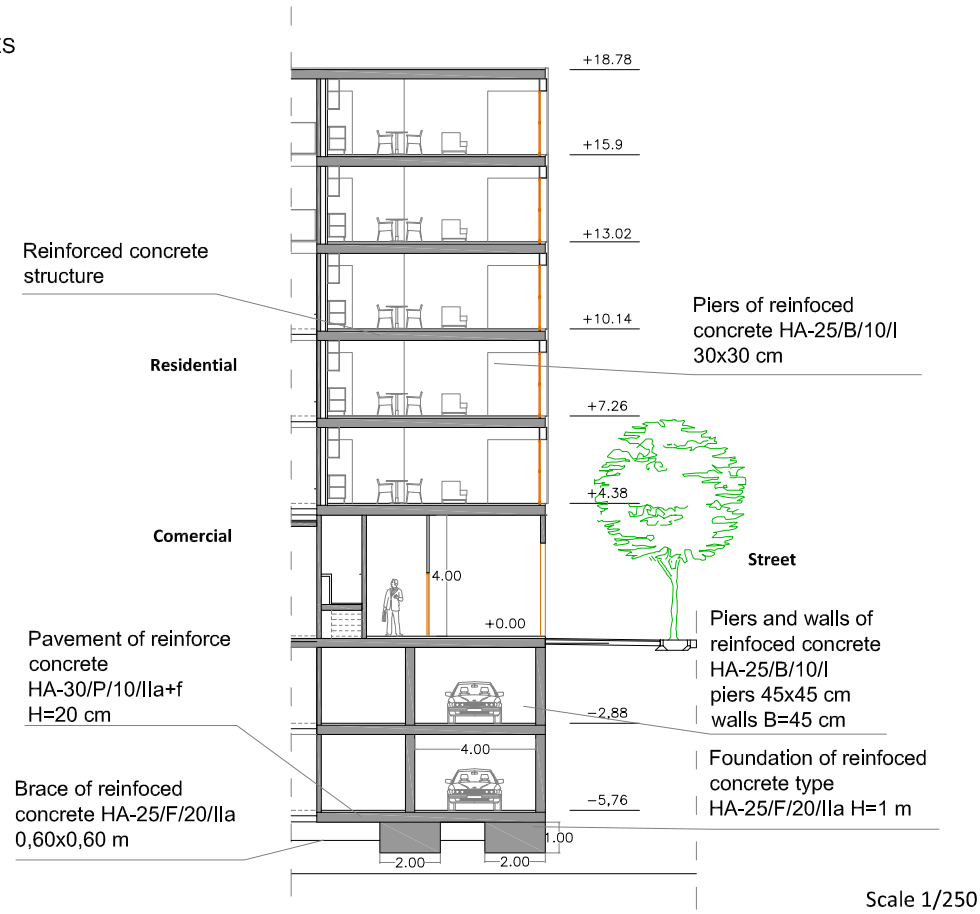
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	Drinking water and sewage system	1/5000	5



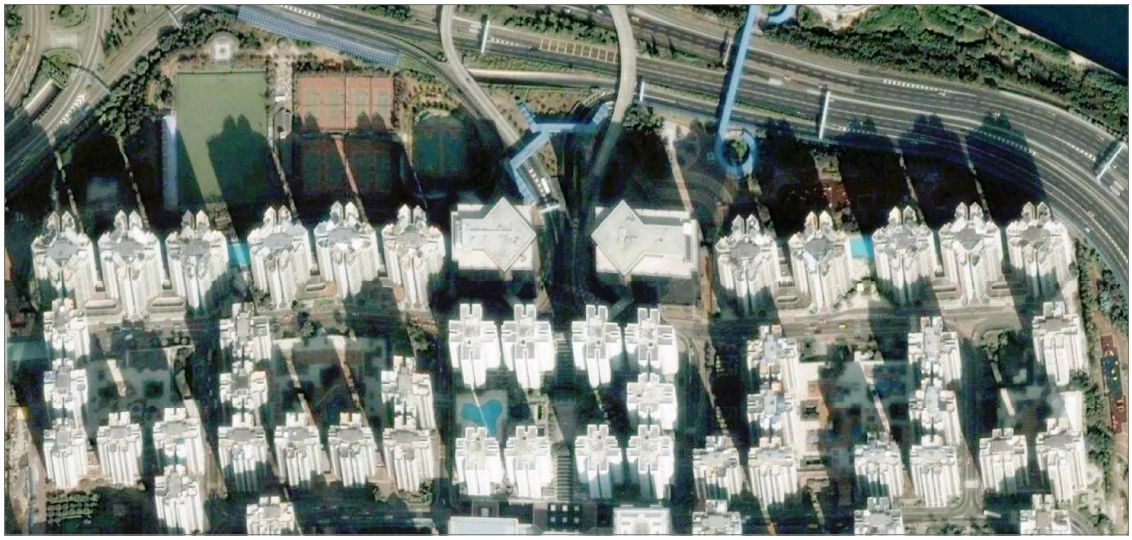
Scale 1/5000

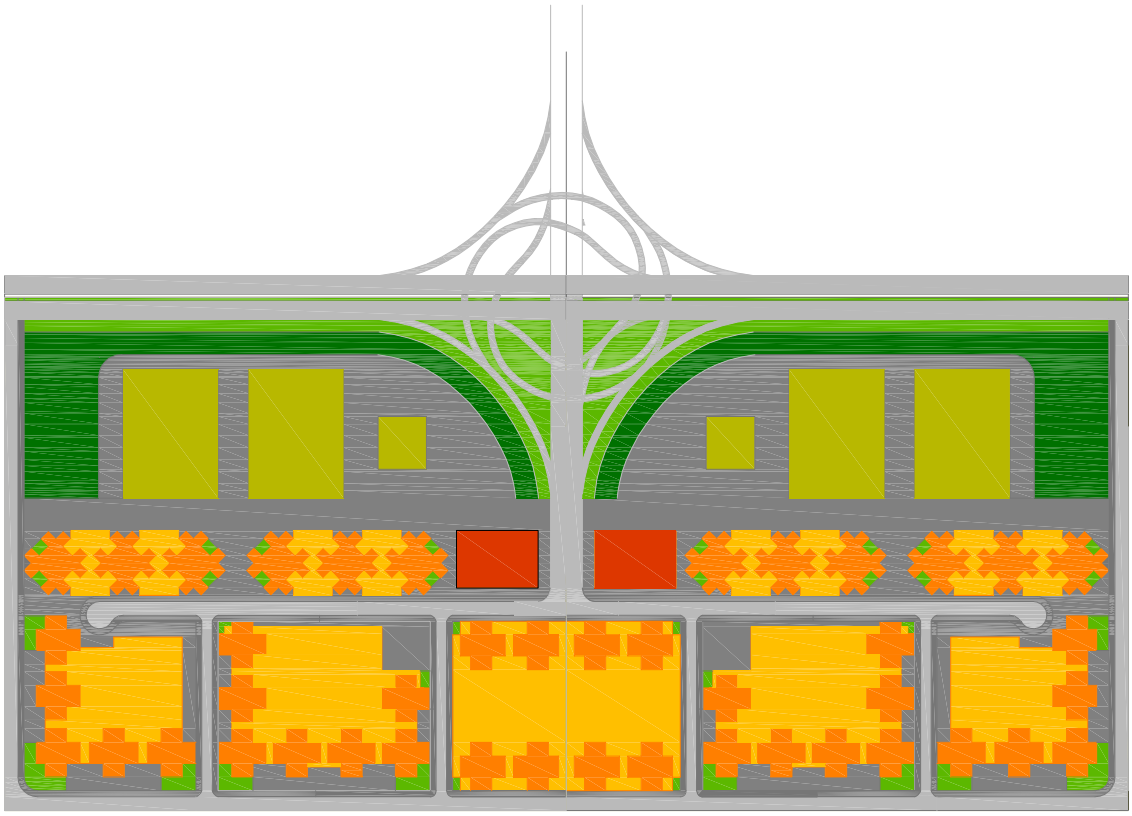
BUILDING FEATURES



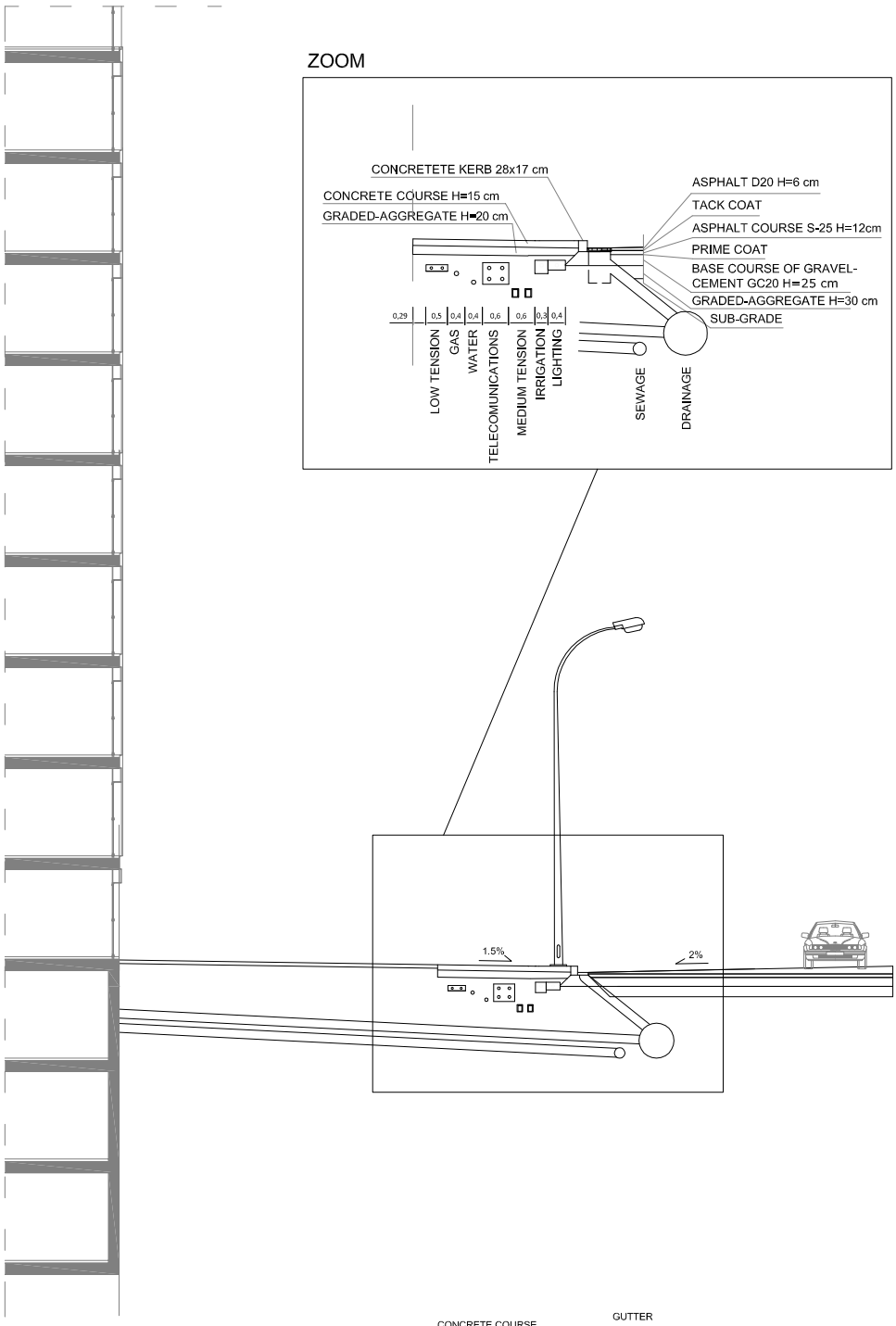
Scale 1/250

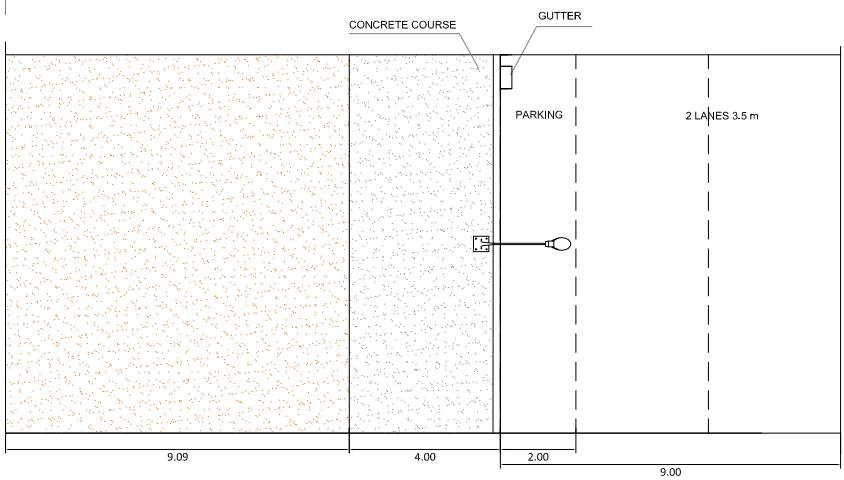
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	European closed fabric	City&buildings cross section	several	2



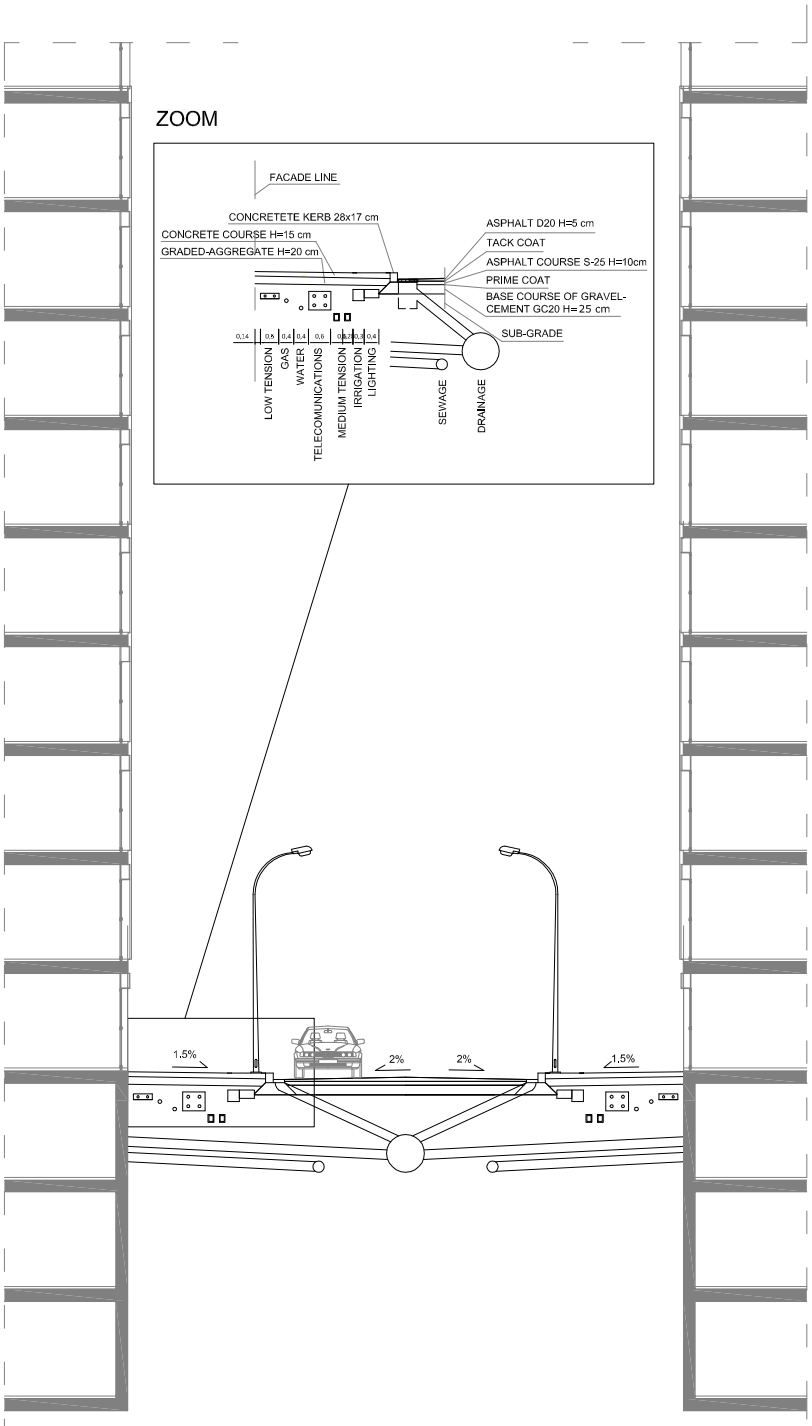


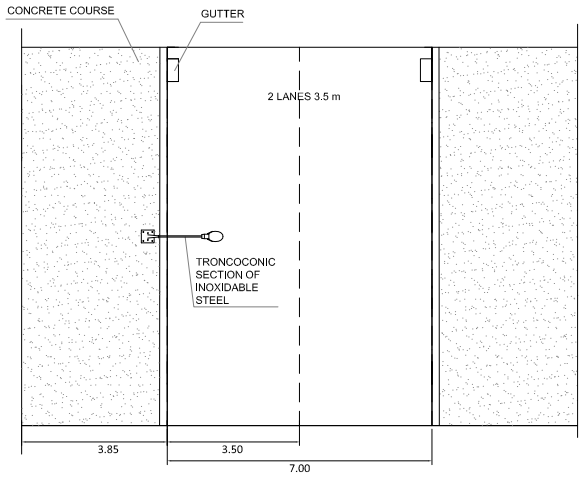
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Plan view	1/5000	1





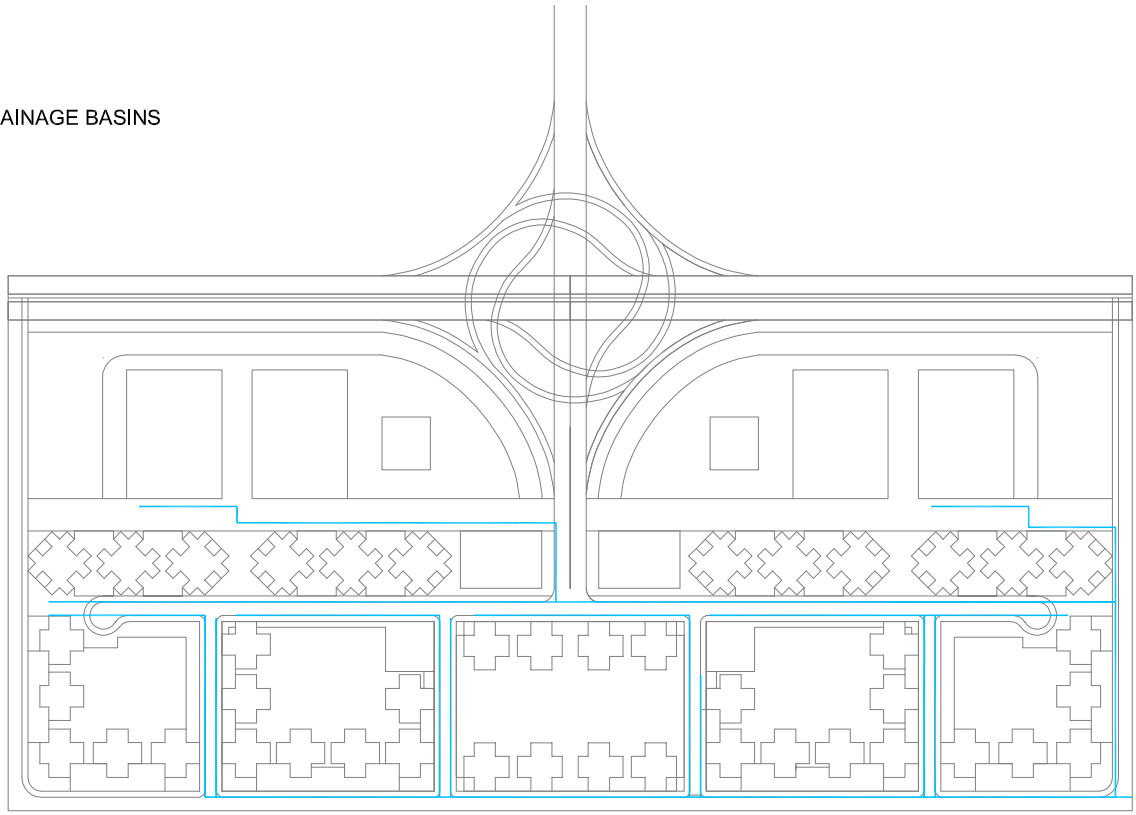
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Street section	1/200	2



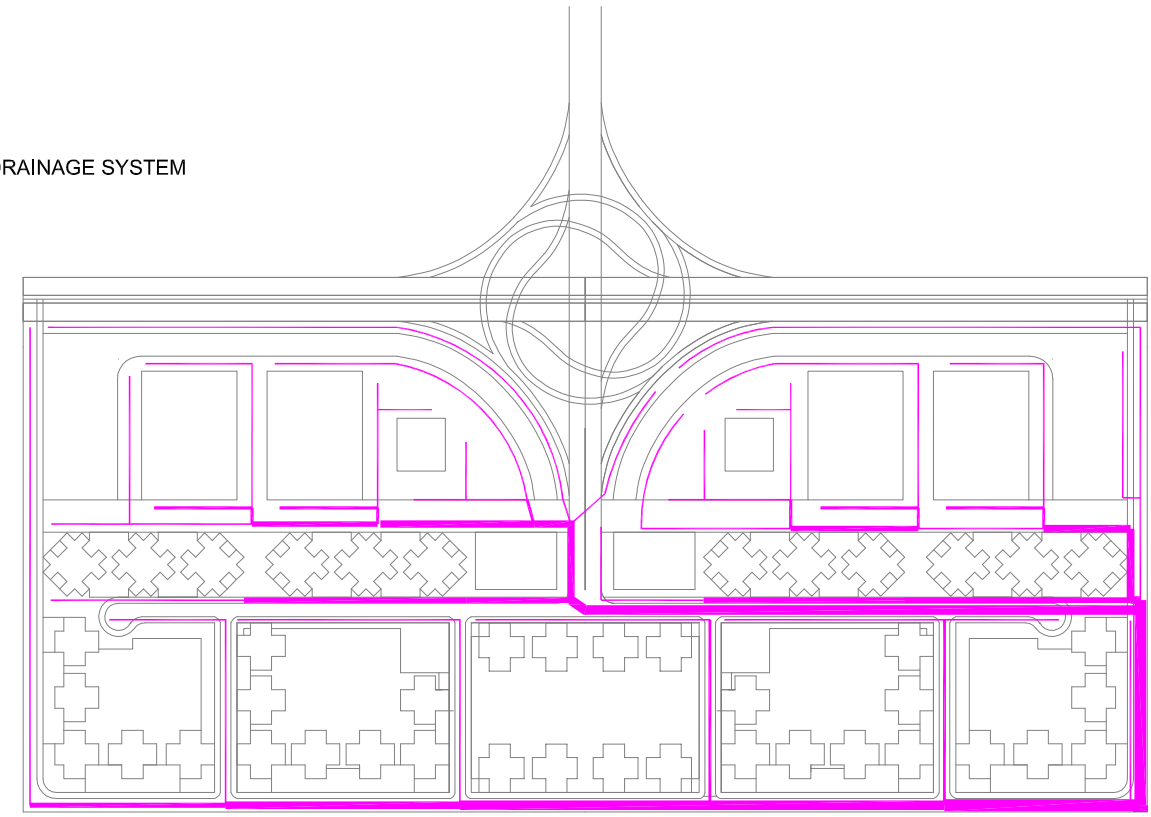


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Street section	1/200	3

DRAINAGE BASINS



DRAINAGE SYSTEM

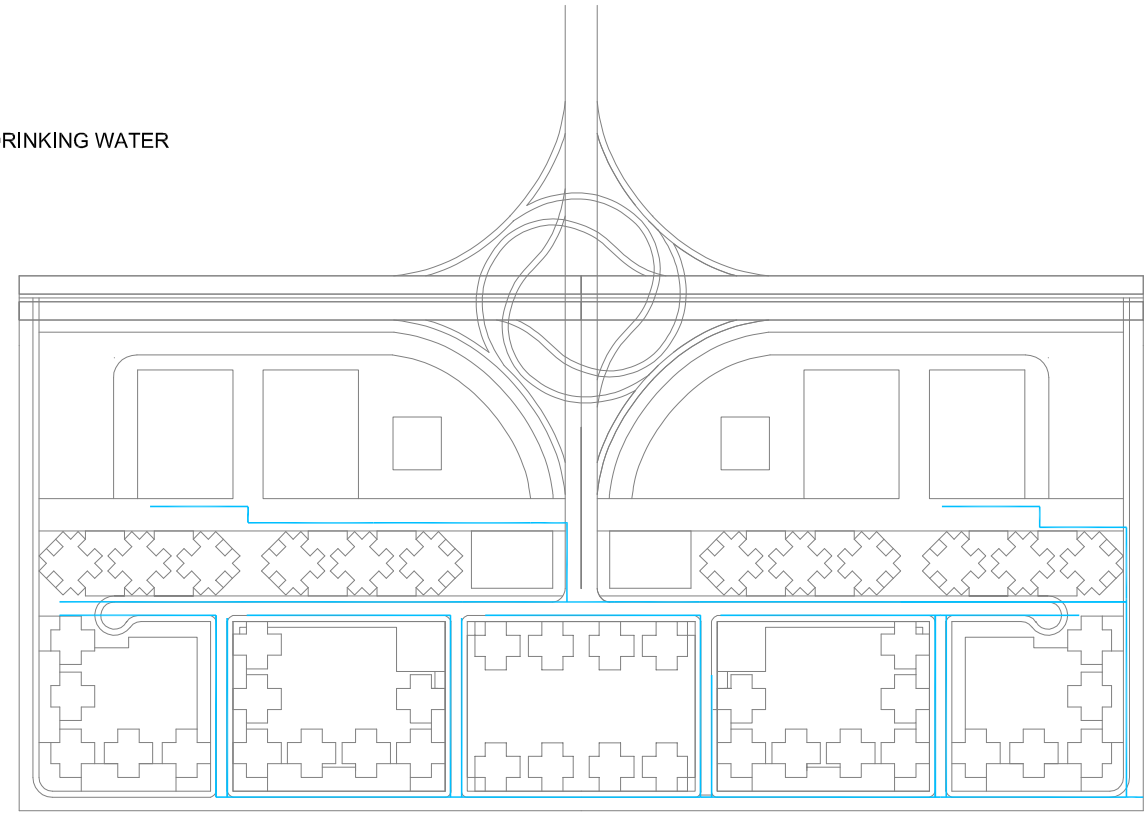


Diameters

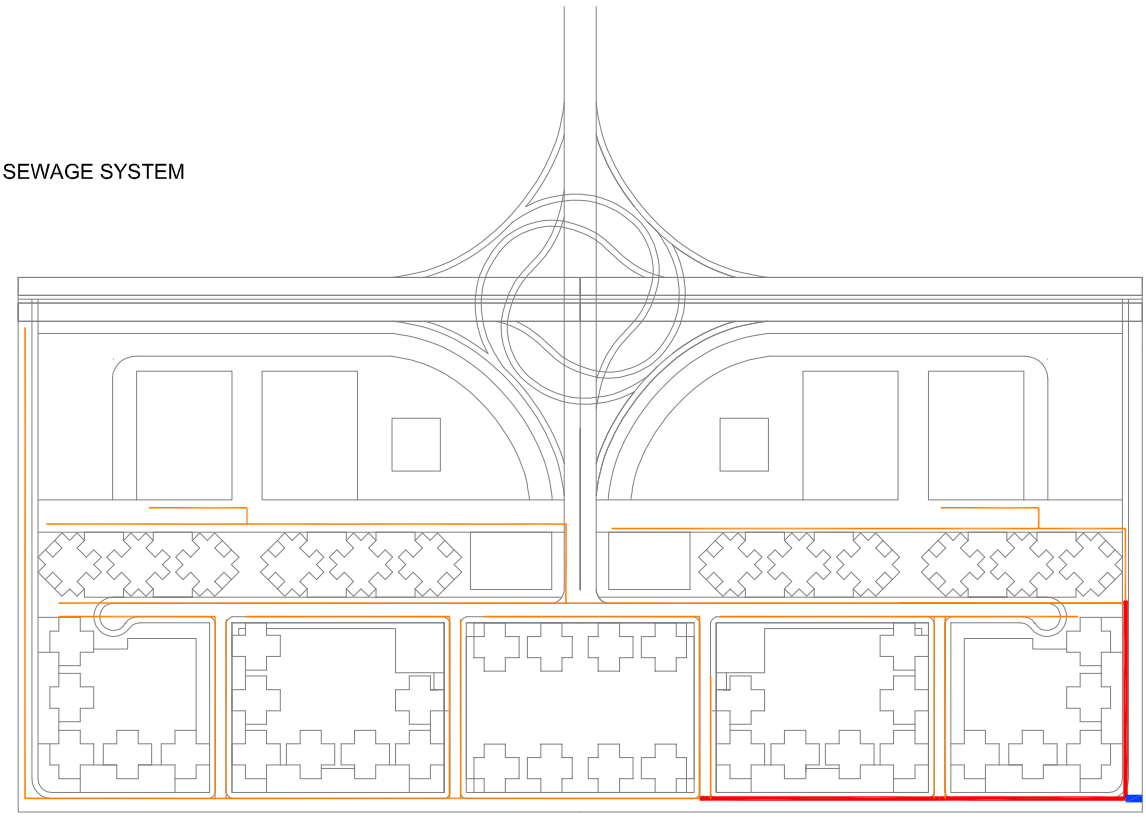
40 mm	80 mm	140 mm
50 mm	100 mm	160 mm
60 mm	120 mm	

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Drainage system	1/5000	4

DRINKING WATER



SEWAGE SYSTEM

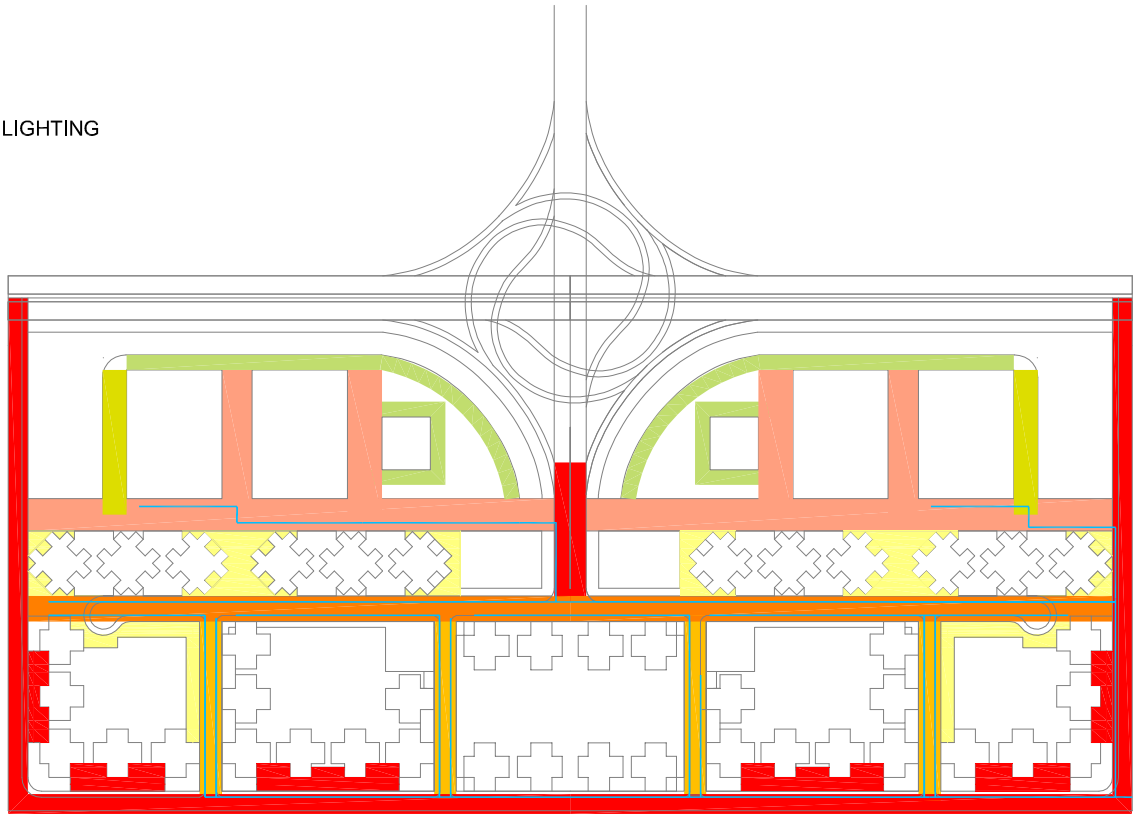


Diameters

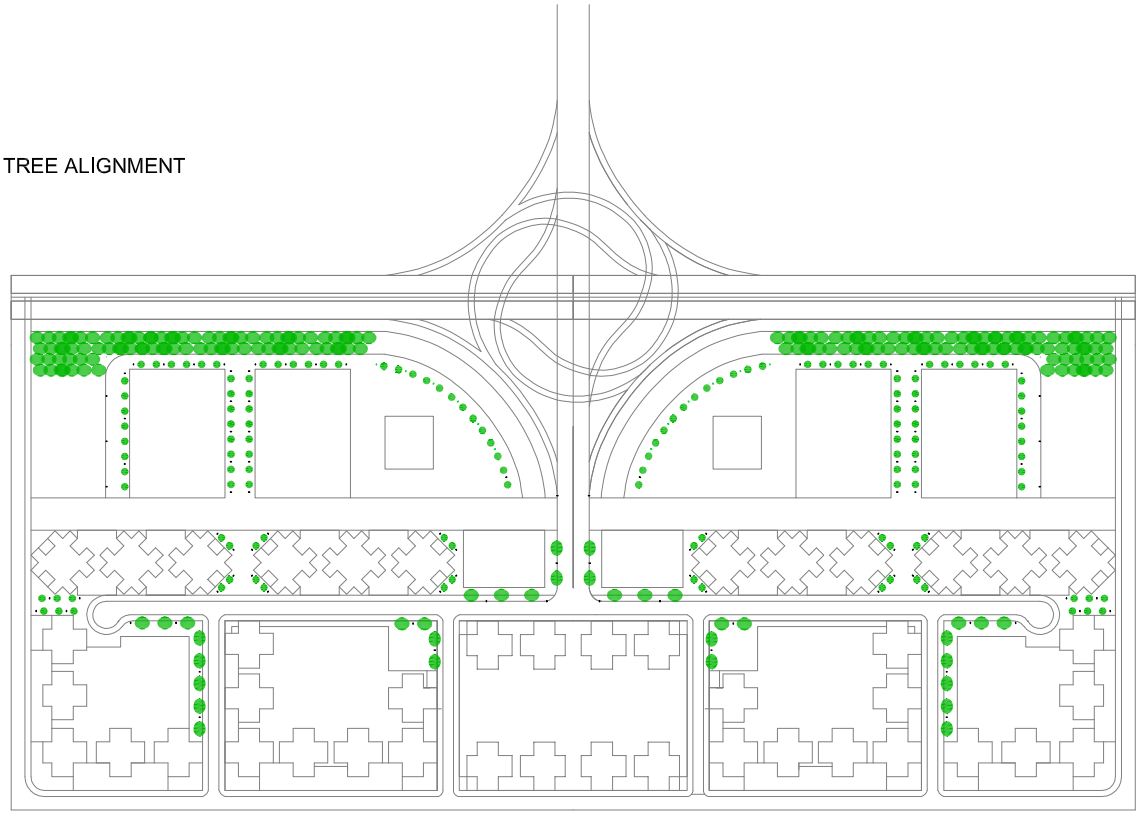
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Drinking water and sewage system	1/5000	5

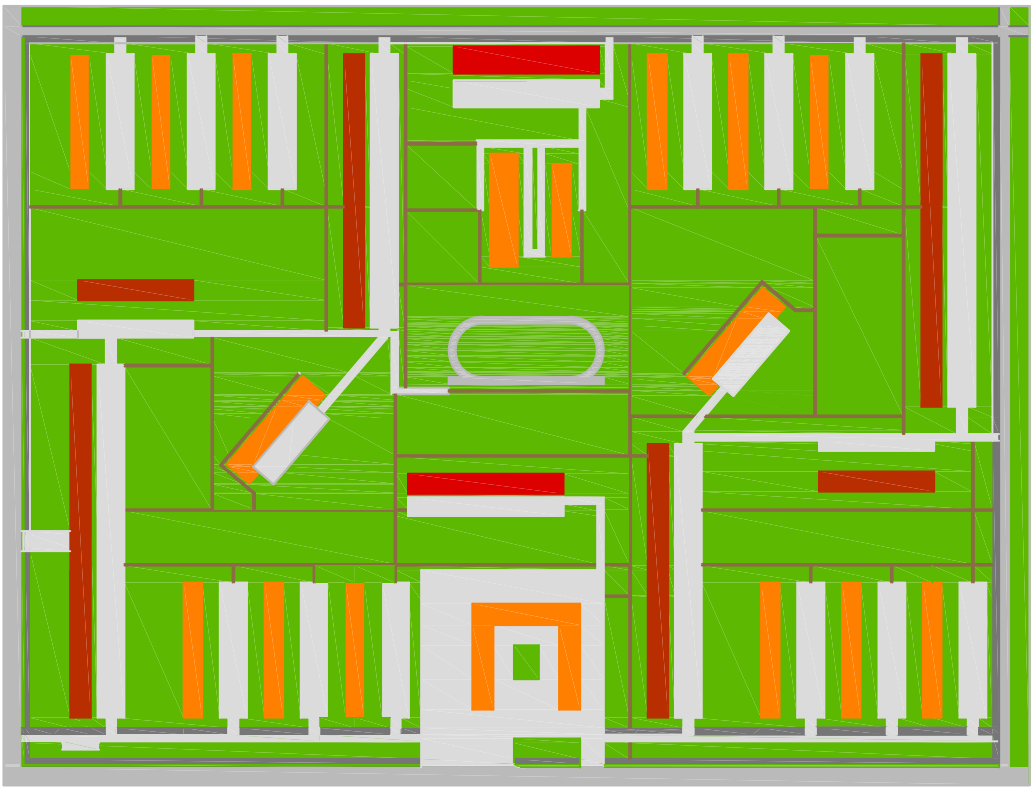
LIGHTING



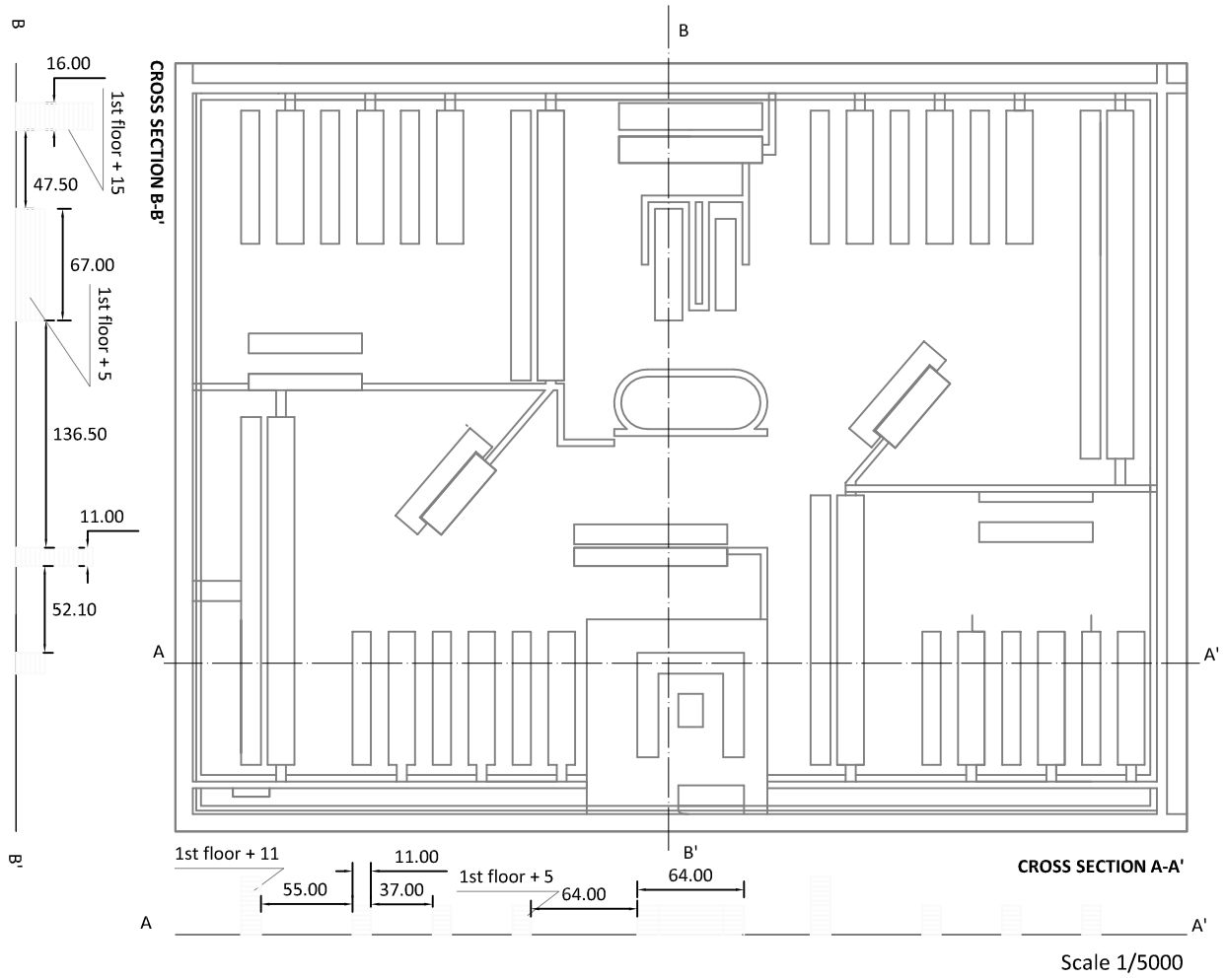
TREE ALIGNMENT



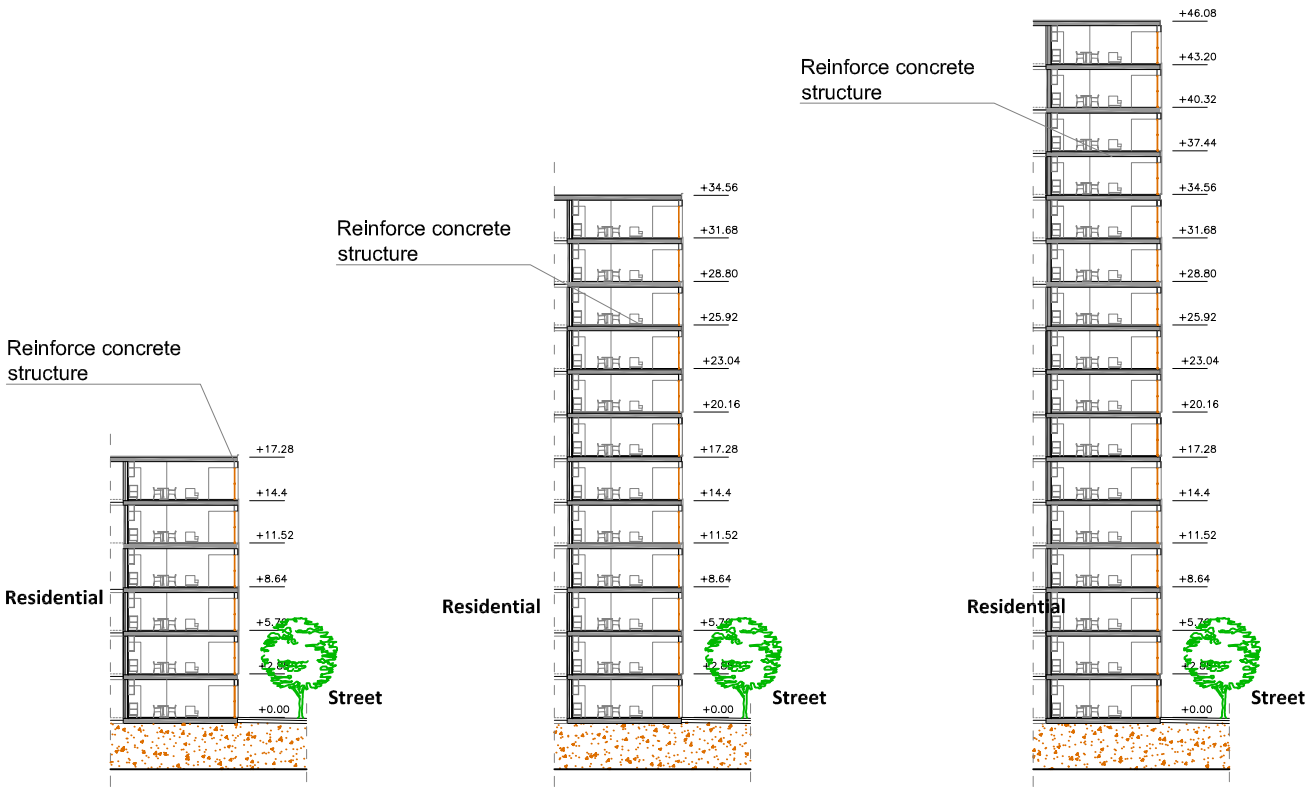
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Vertical block open fabric	Lighting and tree alignment	1/5000	6



TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Plan view	1/5000	1



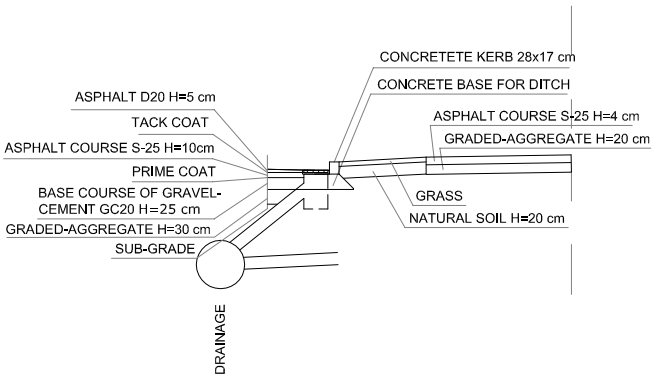
Scale 1/5000



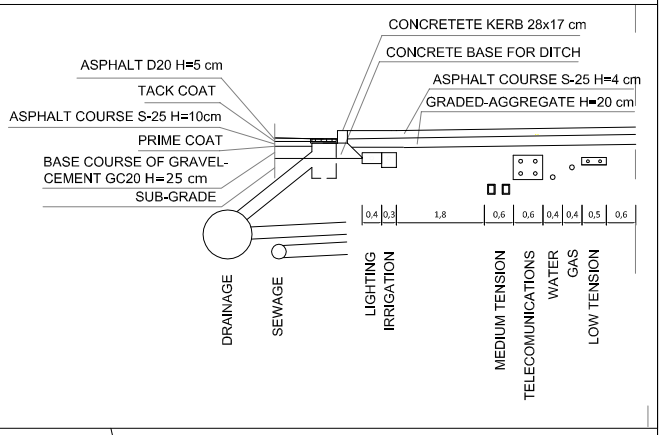
Scale 1/500

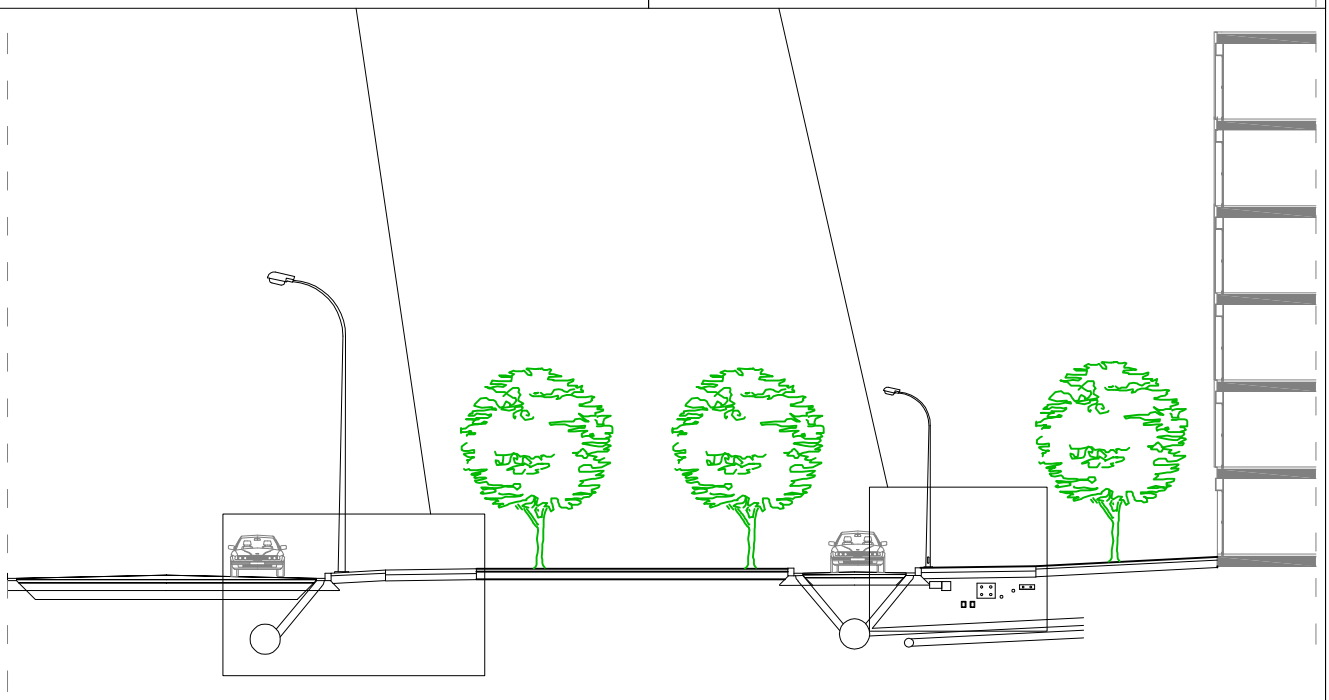
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Cross section	Several	2

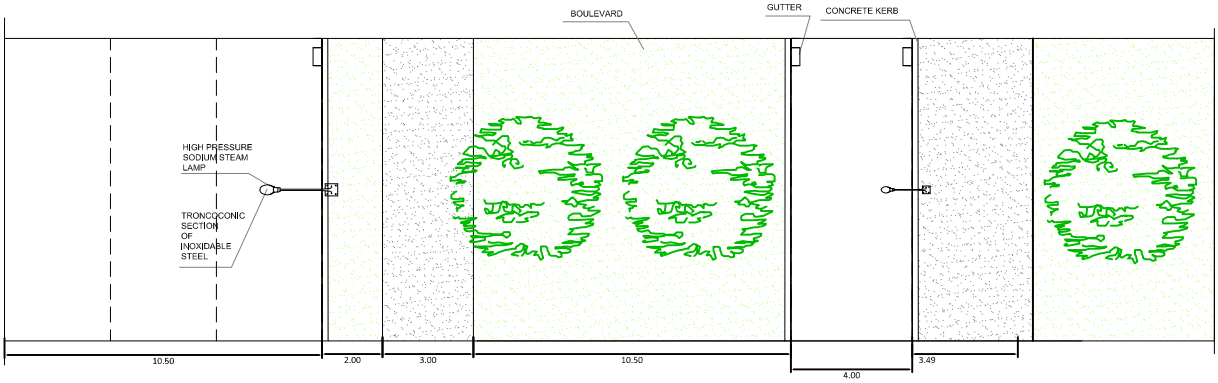
ZOOM AVENUE



ZOOM ACCESS

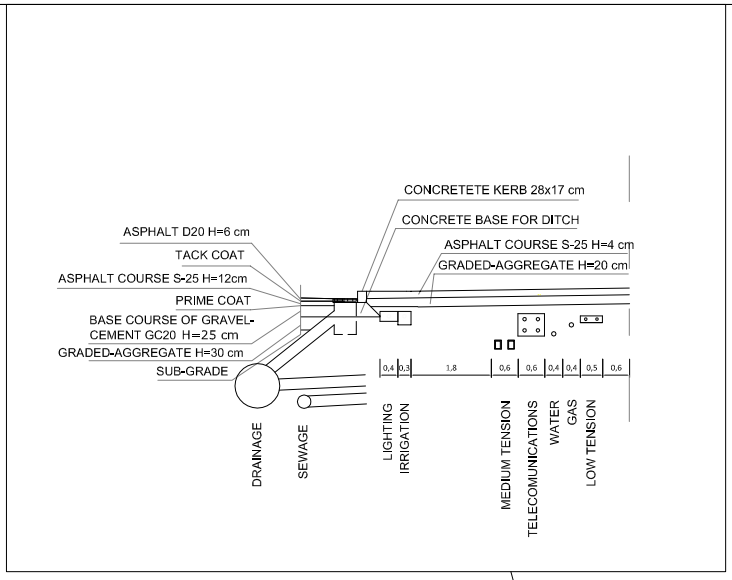


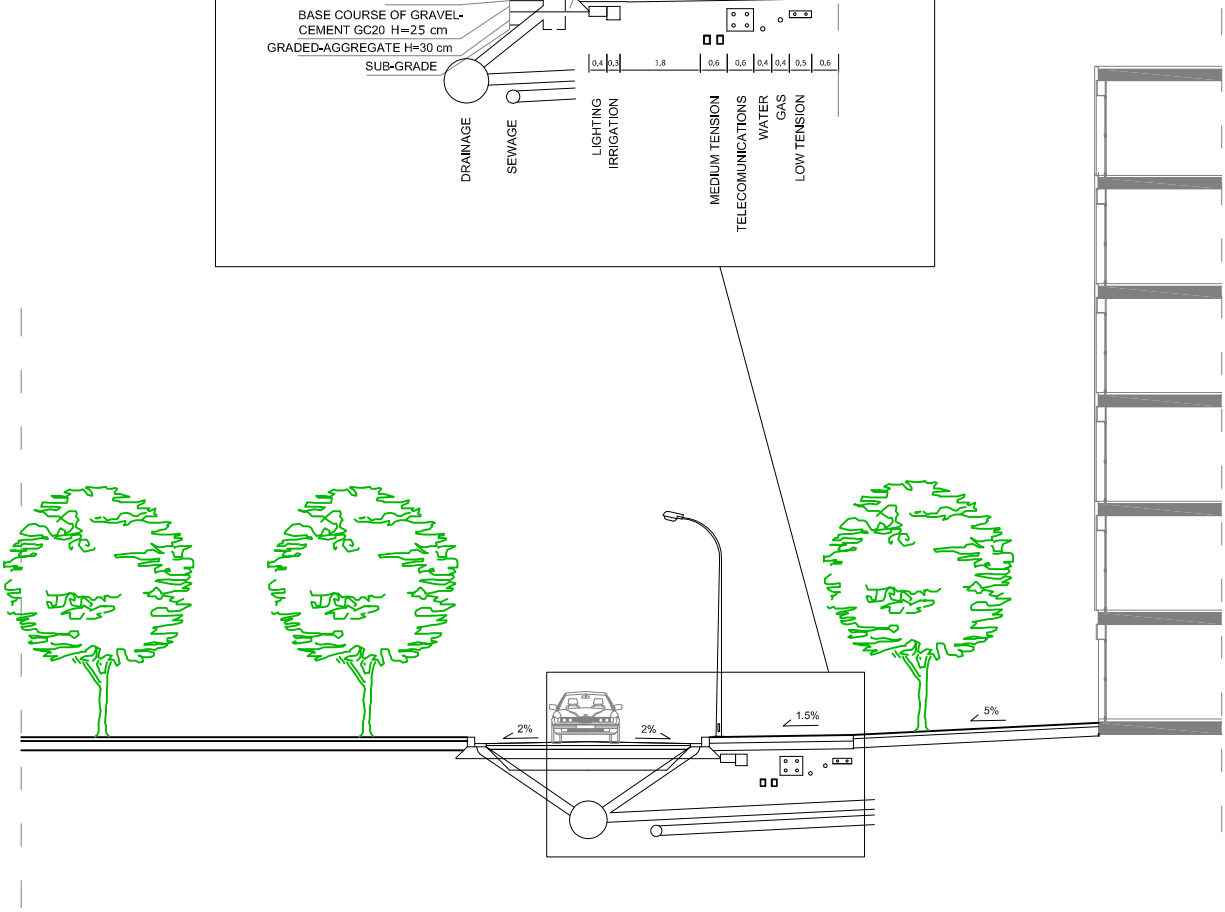


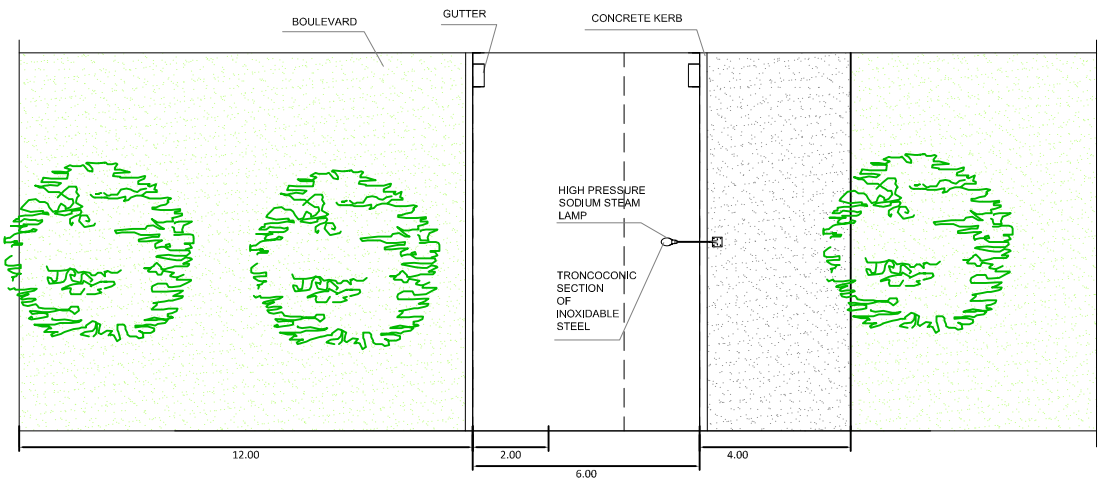


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Street section (avenue and access)	1/250	3

ZOOM

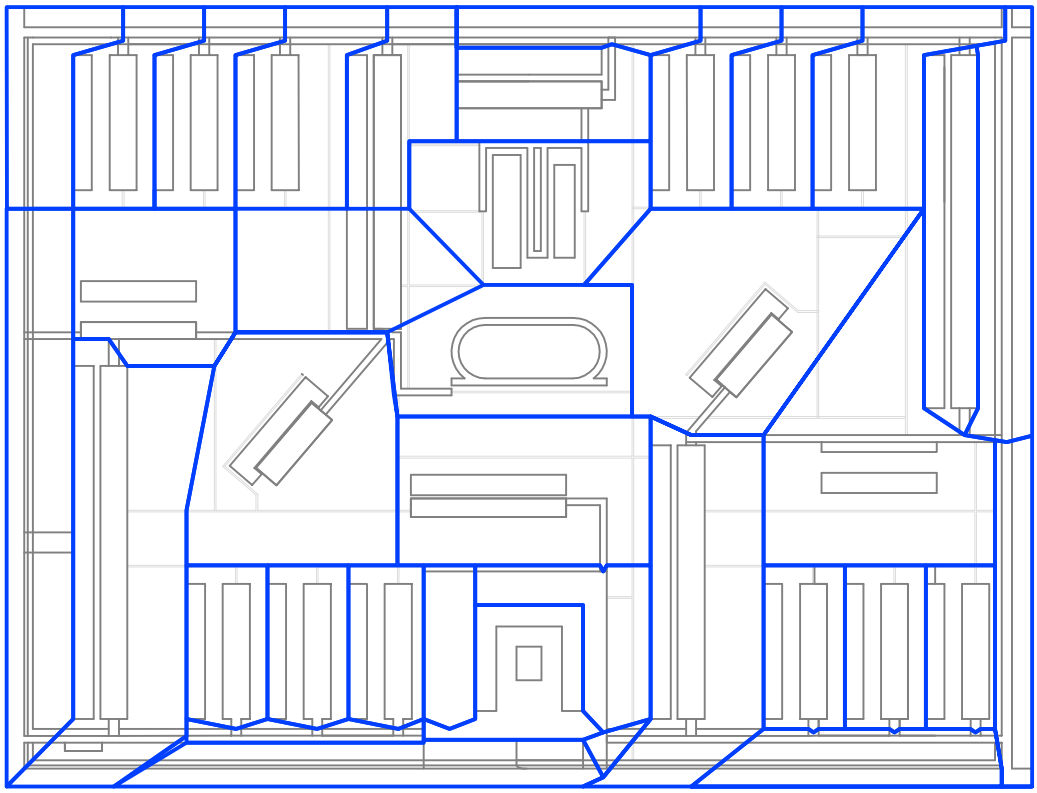




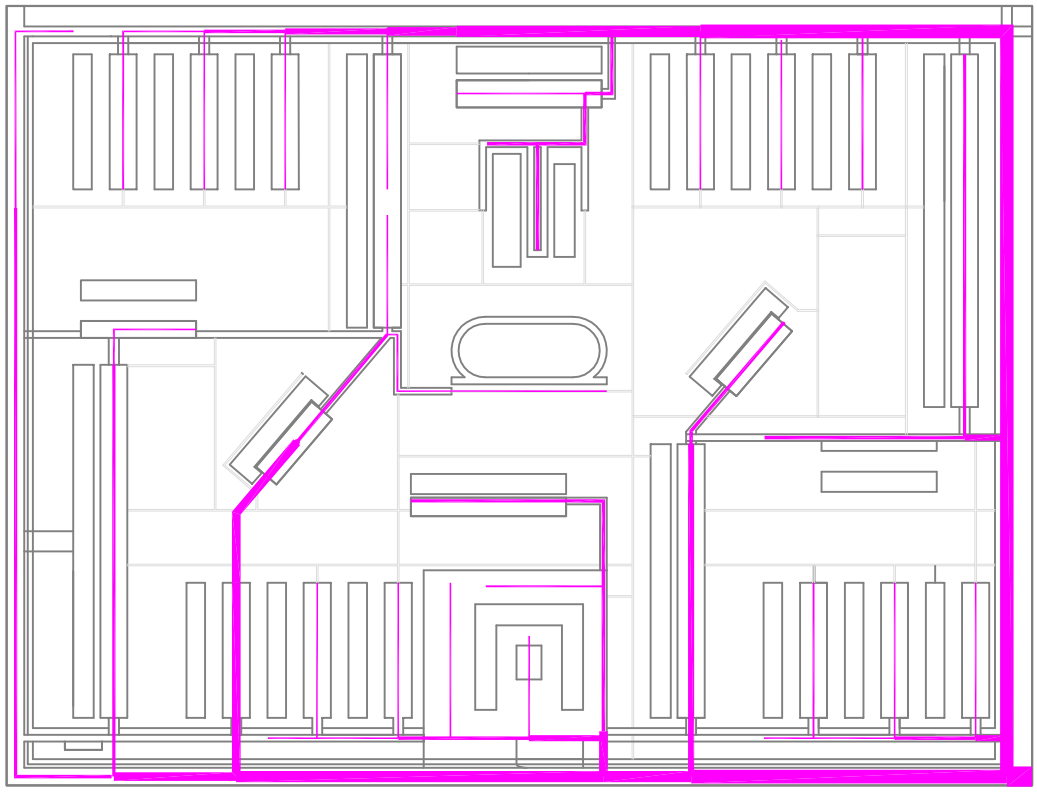


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Street section (Collector)	1/200	4

DRAINAGE BASINS



DRAINAGE SYSTEM

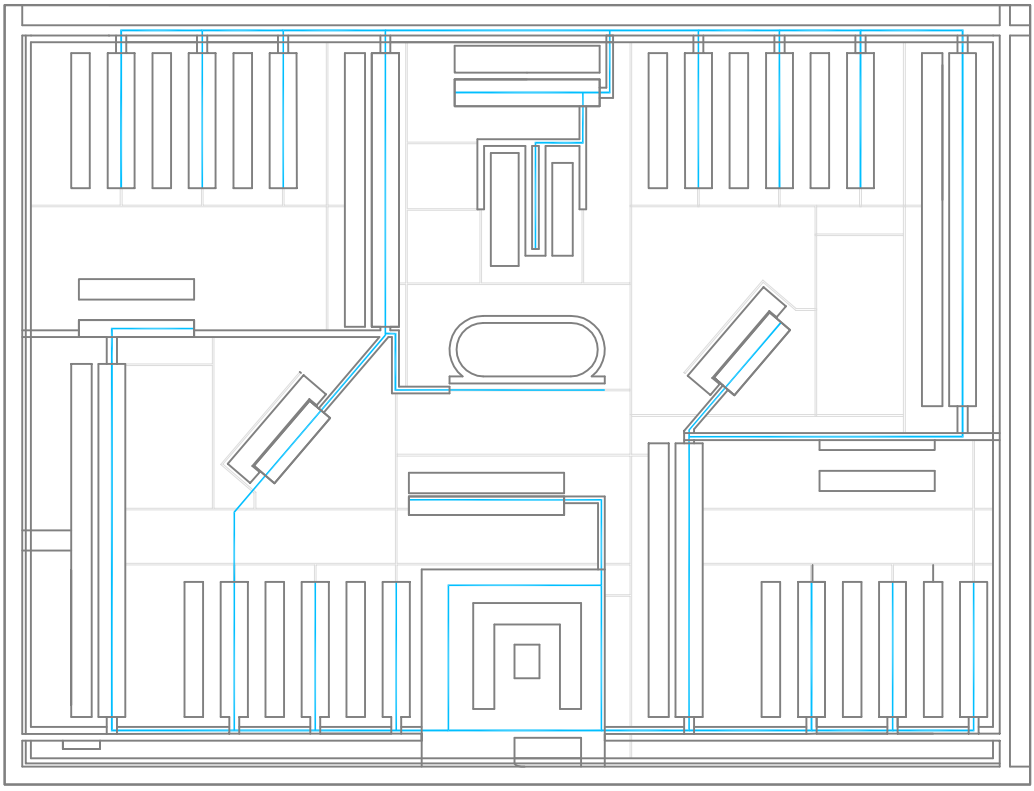


Diameters

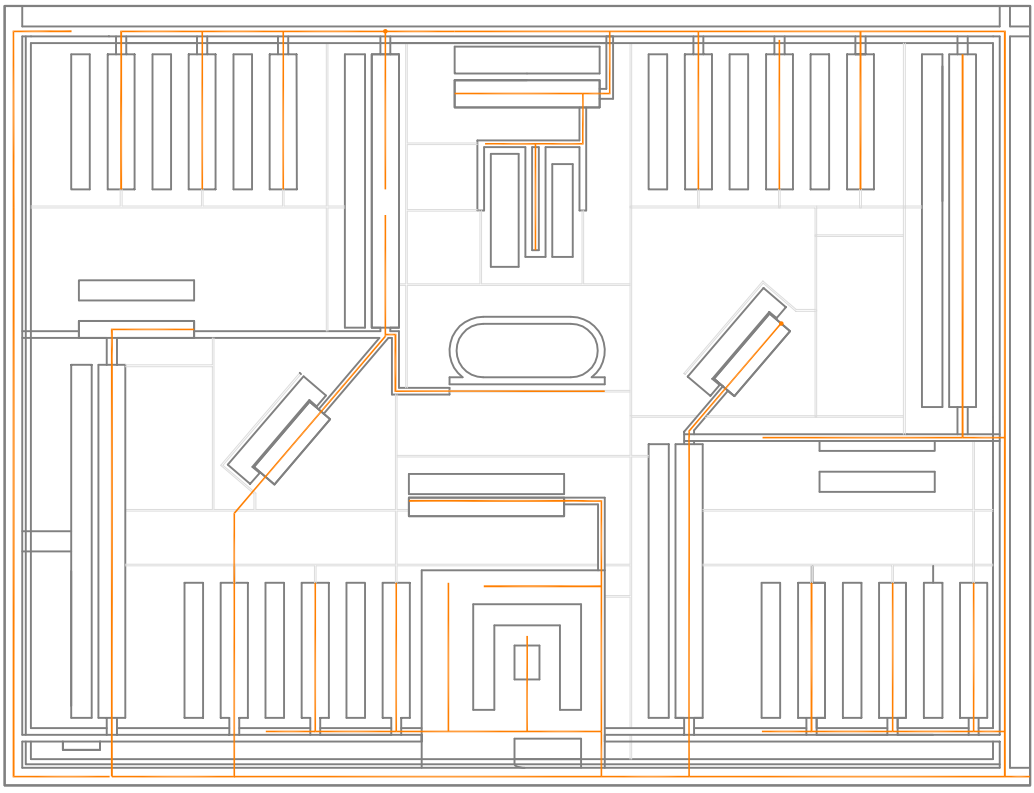
40 cm	80 cm	140 cm
50 cm	100 cm	160 cm
60 cm	120 cm	

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Drainage system	1/5000	5

DRINKING WATER



SEWAGE SYSTEM

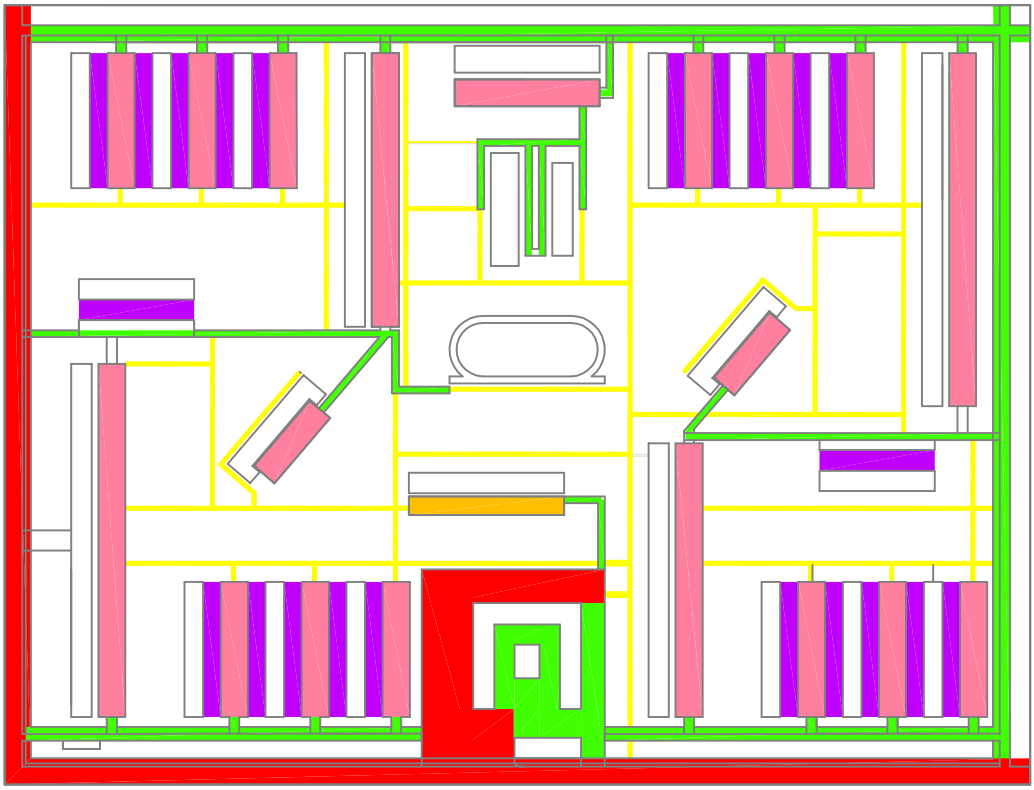


Diameters

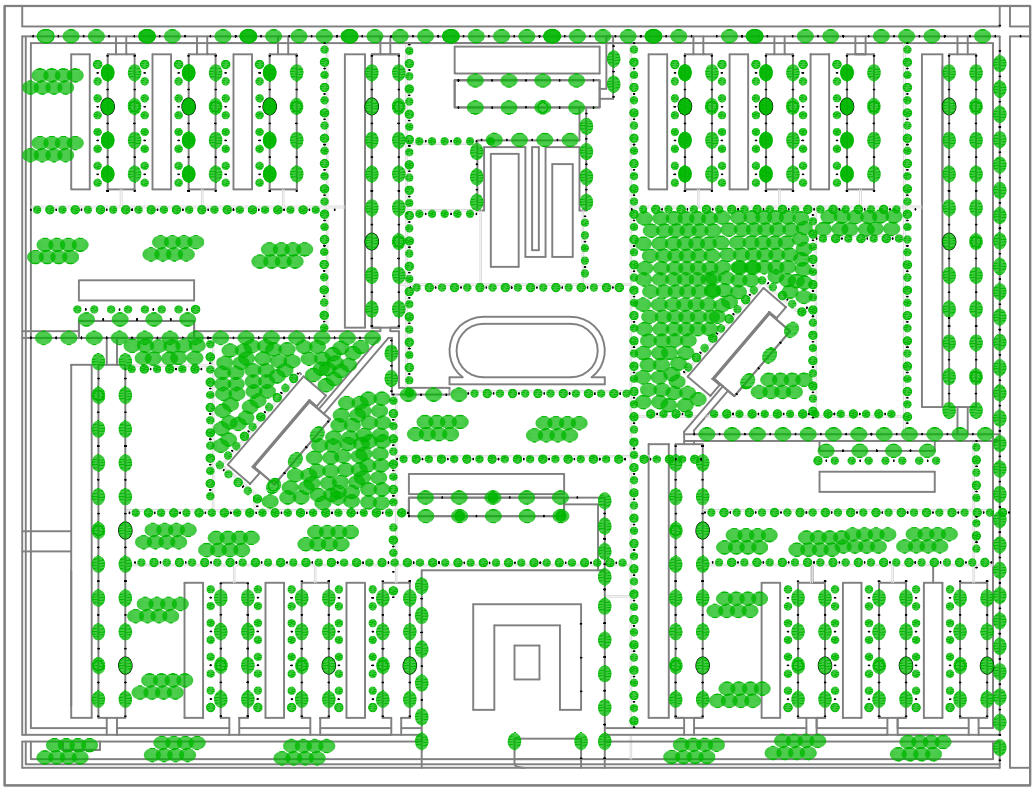
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Drinking water and sewage system	1/5000	6

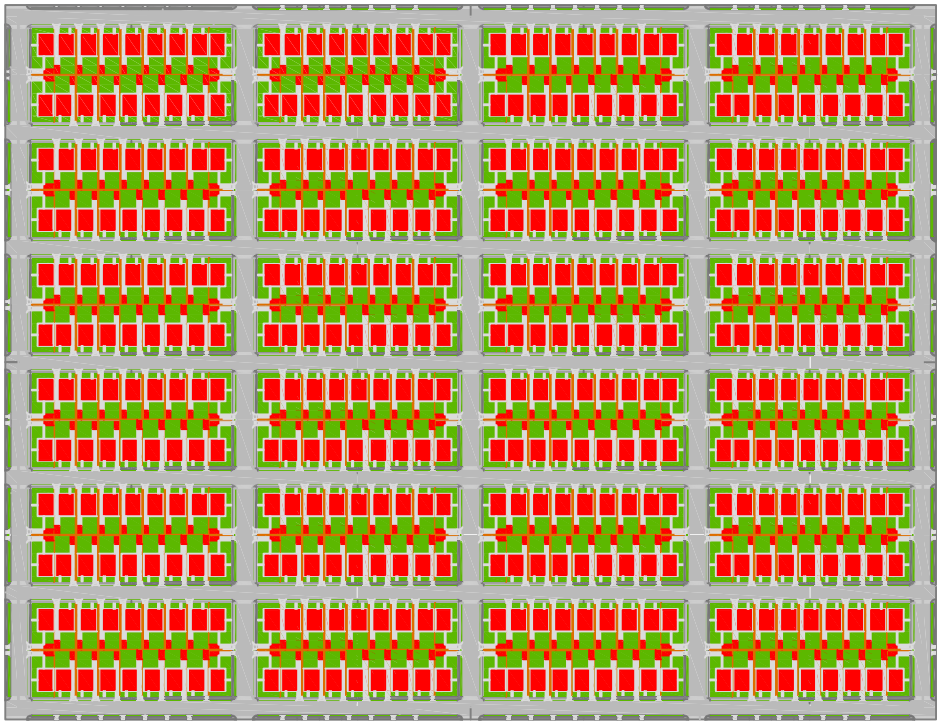
LIGHTING



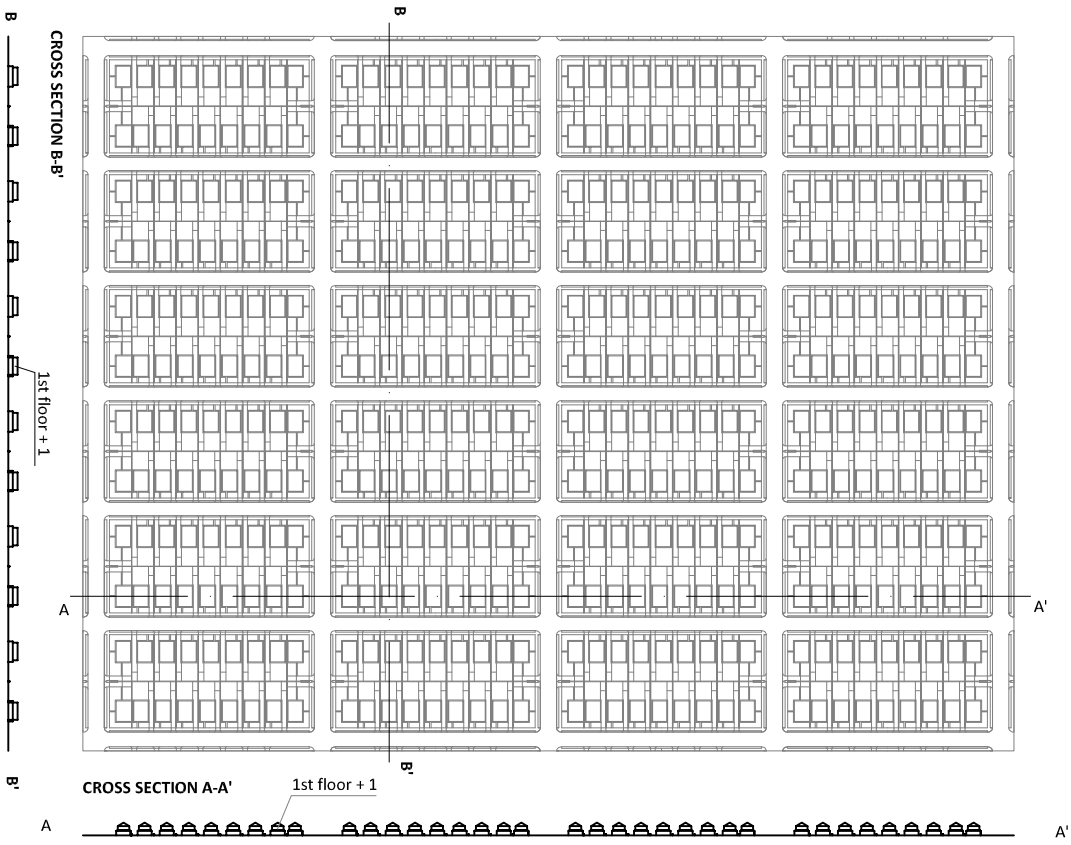
TREE ALIGNMENT



TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Horizontal block open fabric	Lighting and tree alignment	1/5000	7

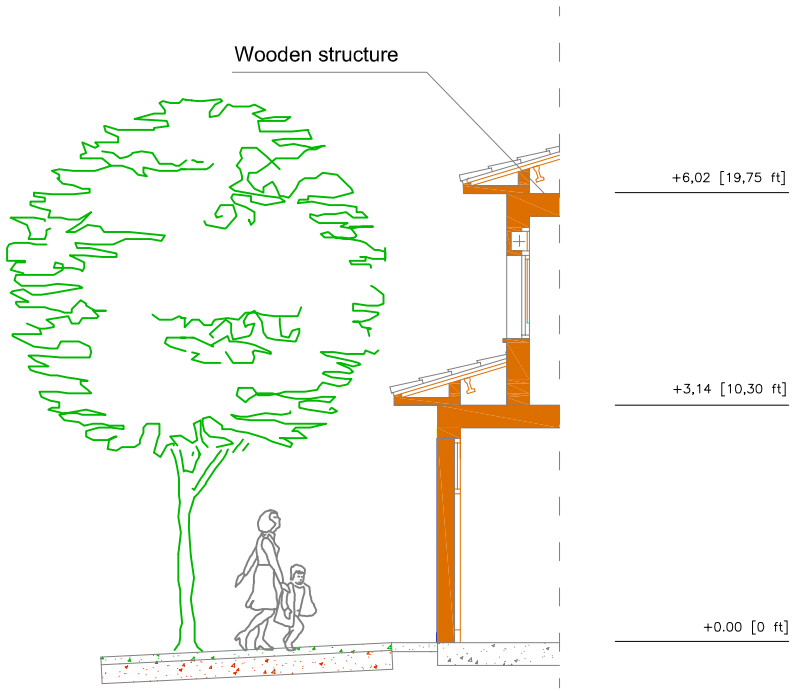


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Plan view	1/5000	1



Scale 1/5000

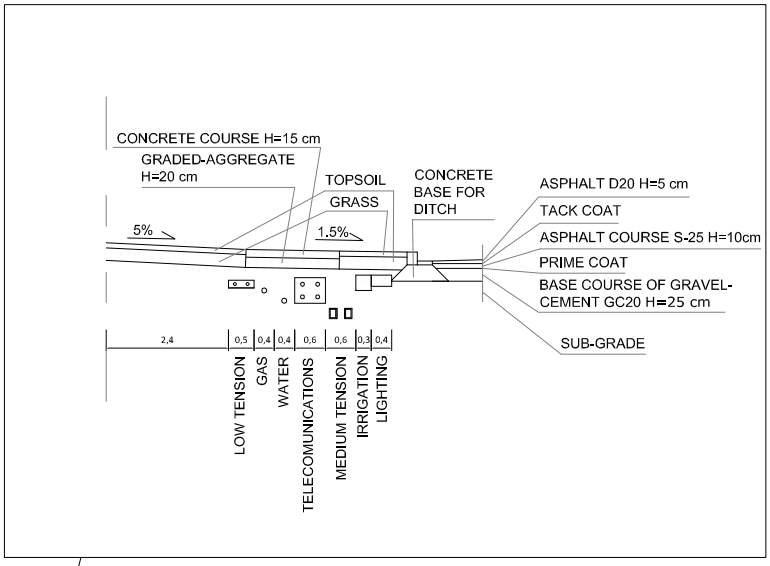
BUILDING FEATURES

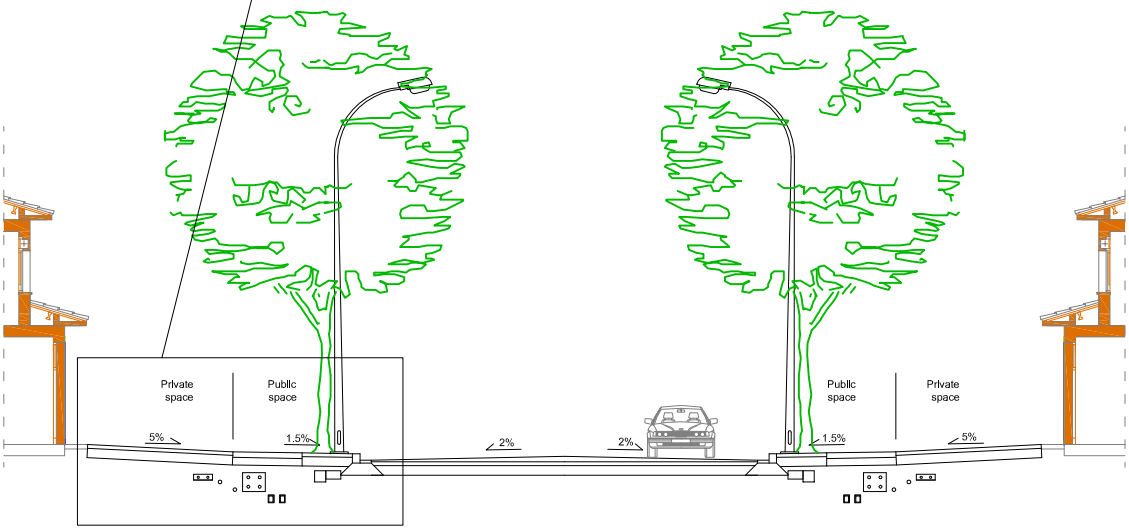


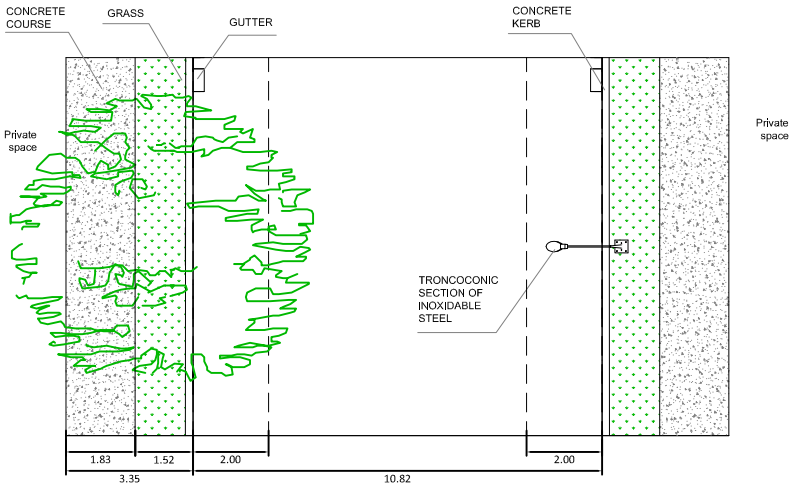
Scale 1/100

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Cross section	several	2

ZOOM

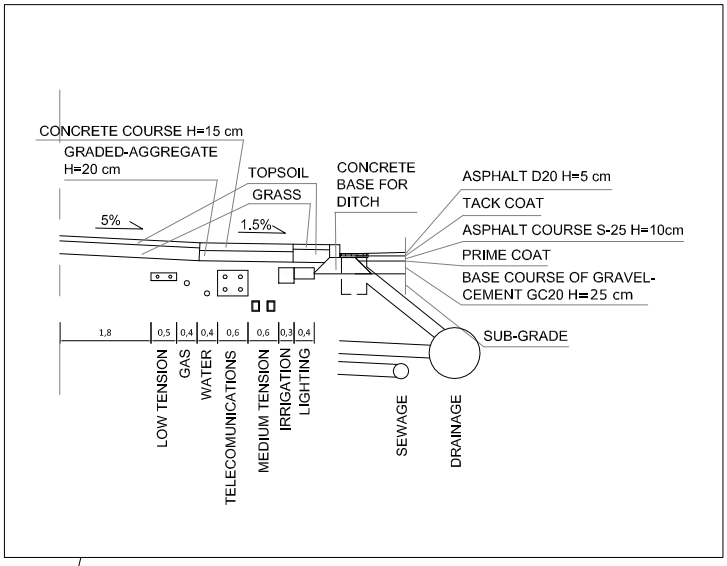


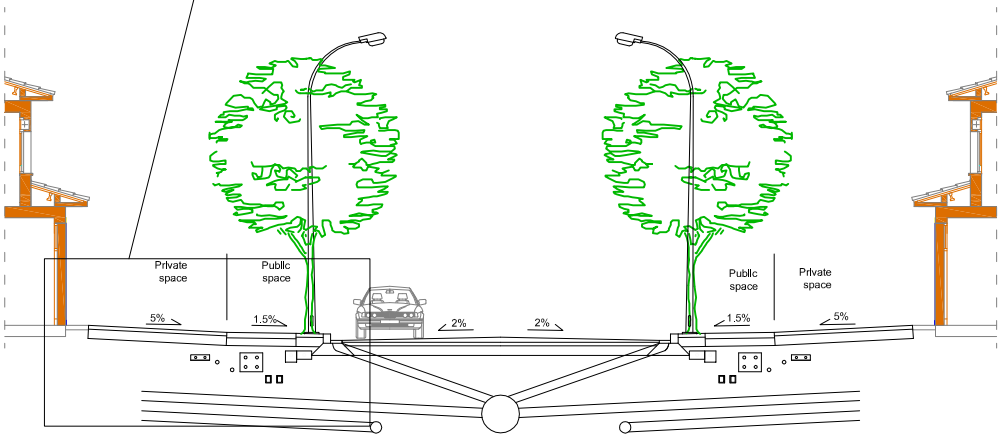


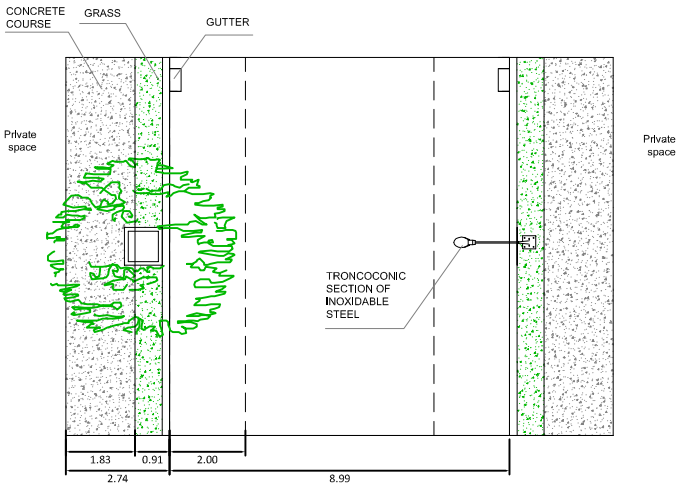


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Street section (Avenues)	1/200	3

ZOOM

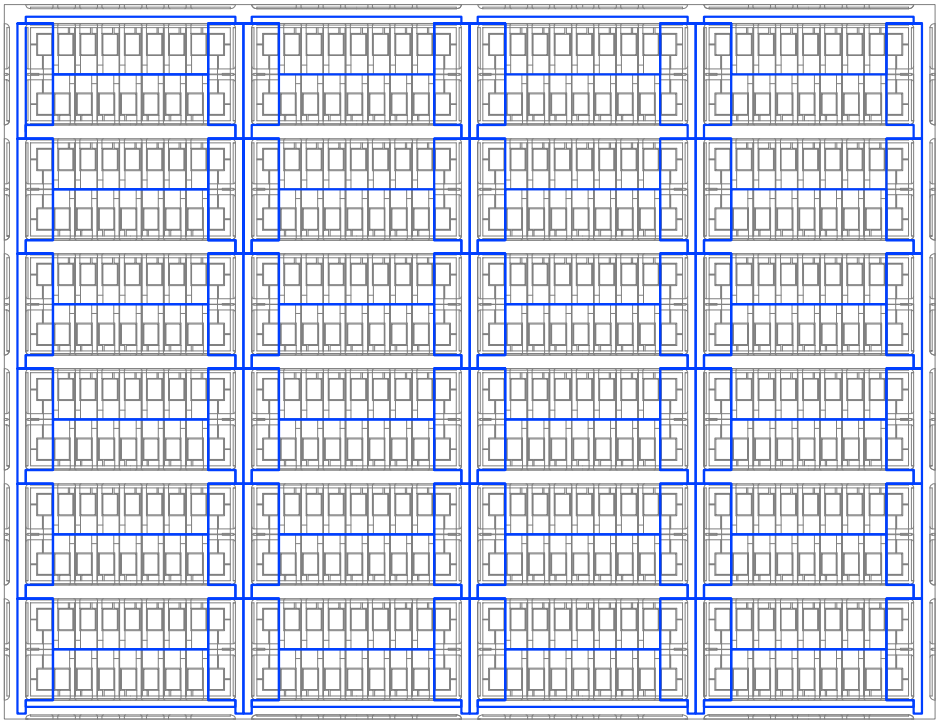




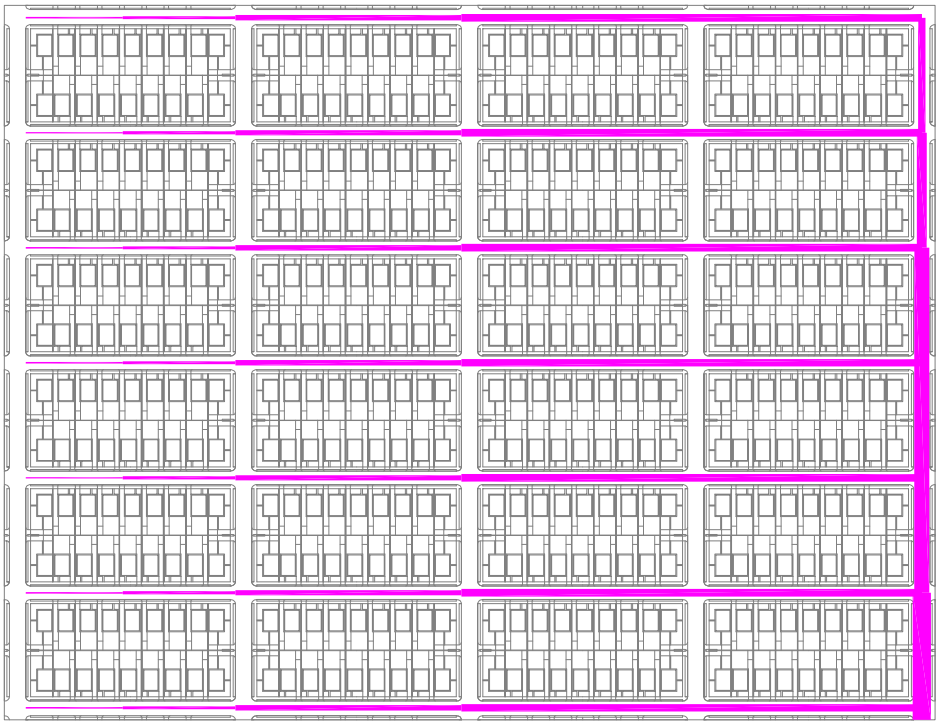


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Street section (Streets)	1/200	4

DRAINAGE BASINS



DRAINAGE SYSTEM

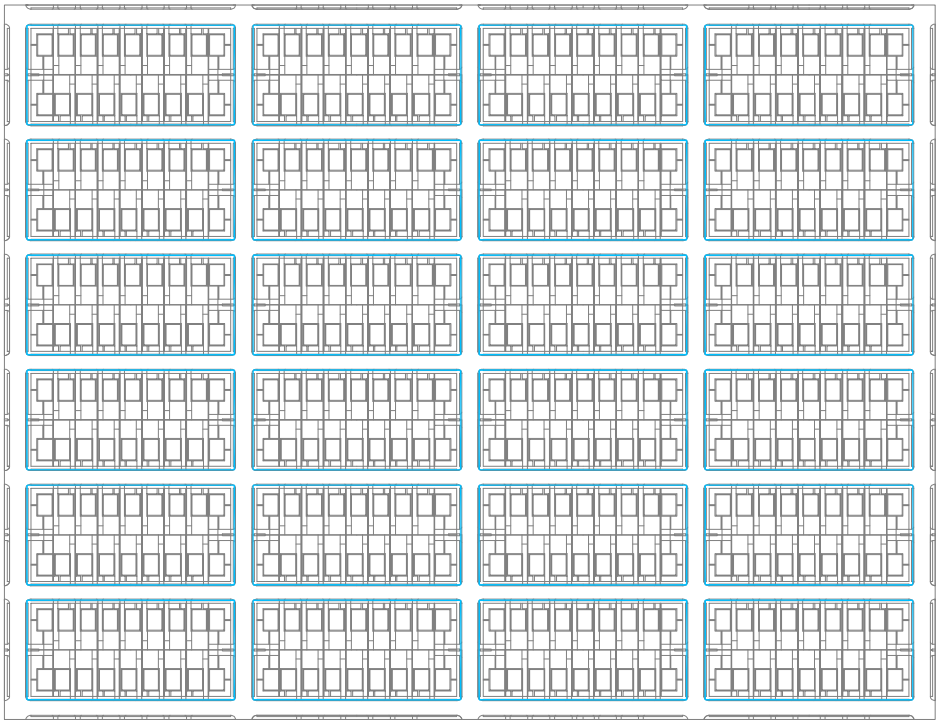


Diameters

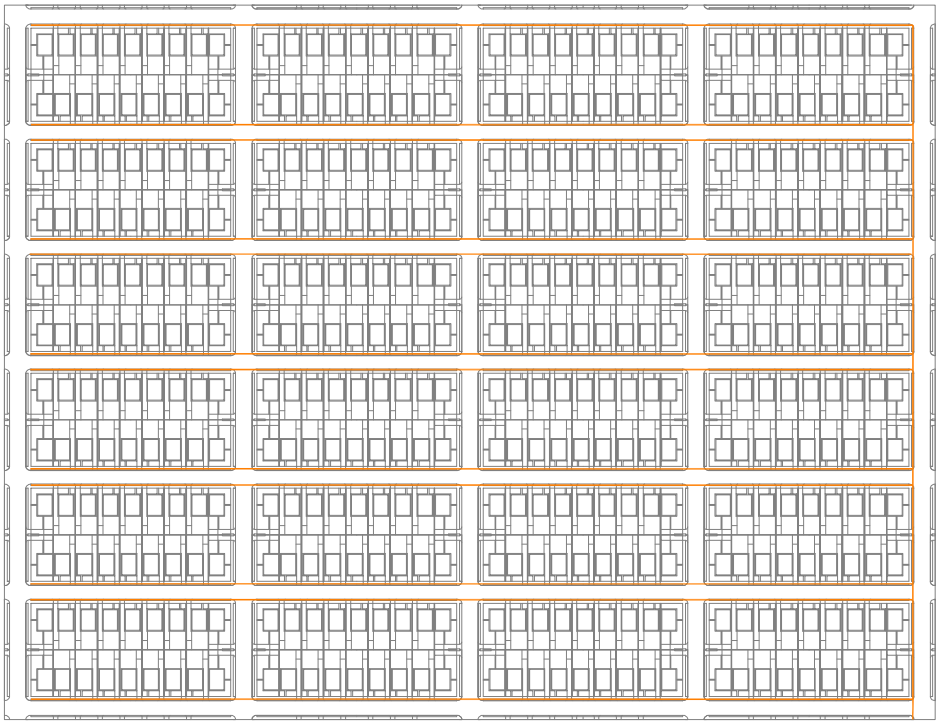
40 mm
50 mm
60 mm
80 mm
100 mm
120 mm
140 mm
160 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Drainage system	1/5000	5

DRINKING WATER



SEWAGE SYSTEM



Diameters

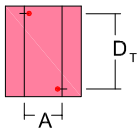
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Drinking water and sewage	1/5000	6

LIGHTING

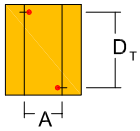
Avenues

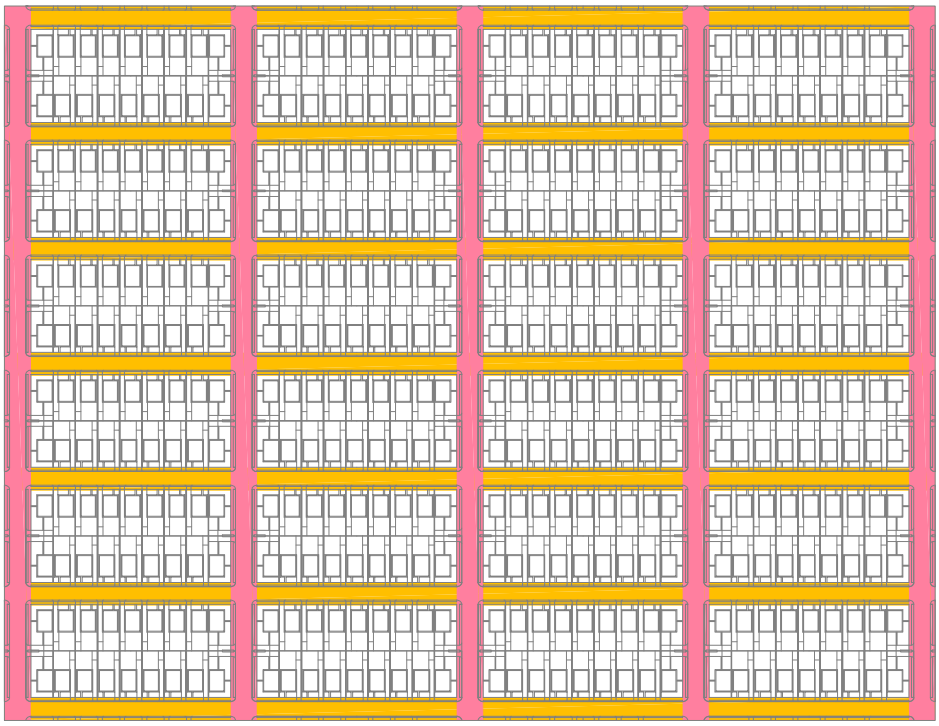
A = 11 m
H = 10 m
D_T= 25 m
P = 250 W



Streets

A = 9 m
H = 8 m
D_T= 20 m
P = 150 W

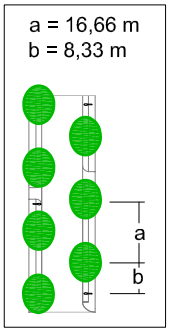




TREE ALIGNMENT

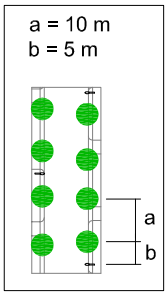
Avenues

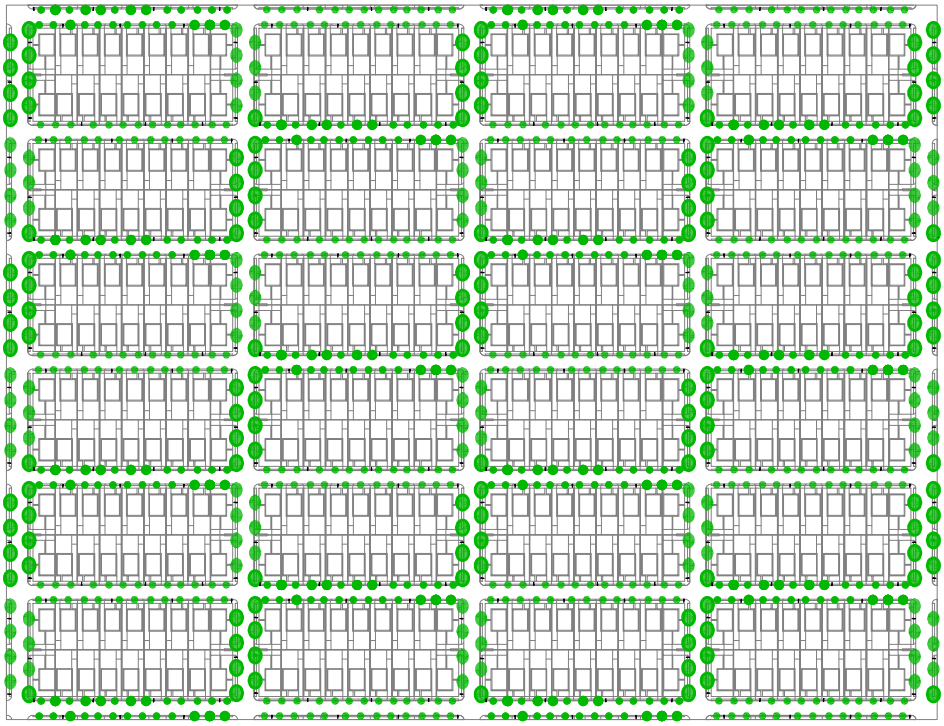
a = 16,66 m
b = 8,33 m



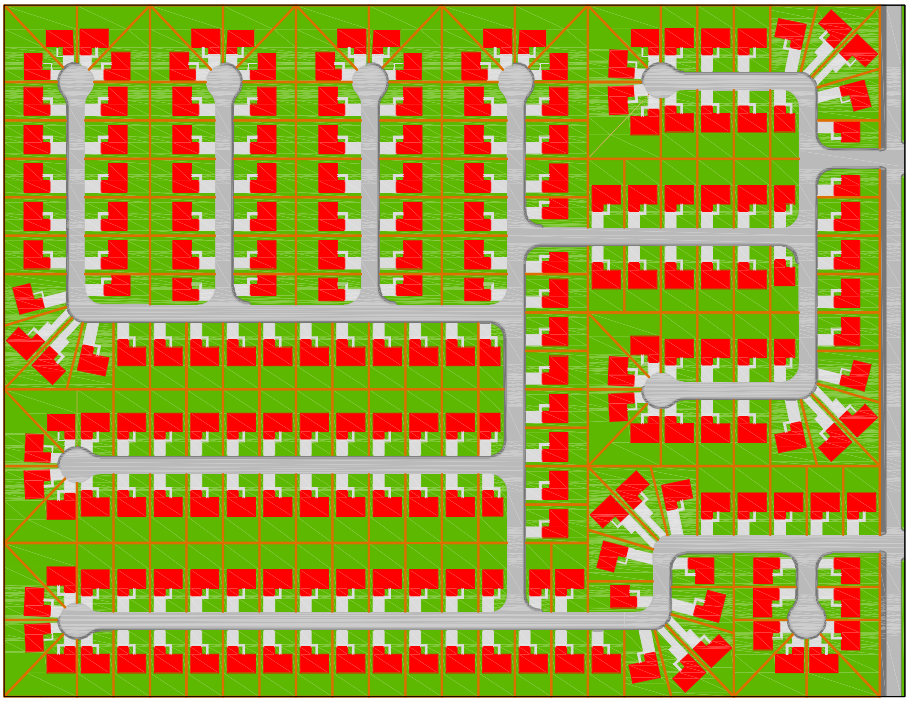
Streets

a = 10 m
b = 5 m

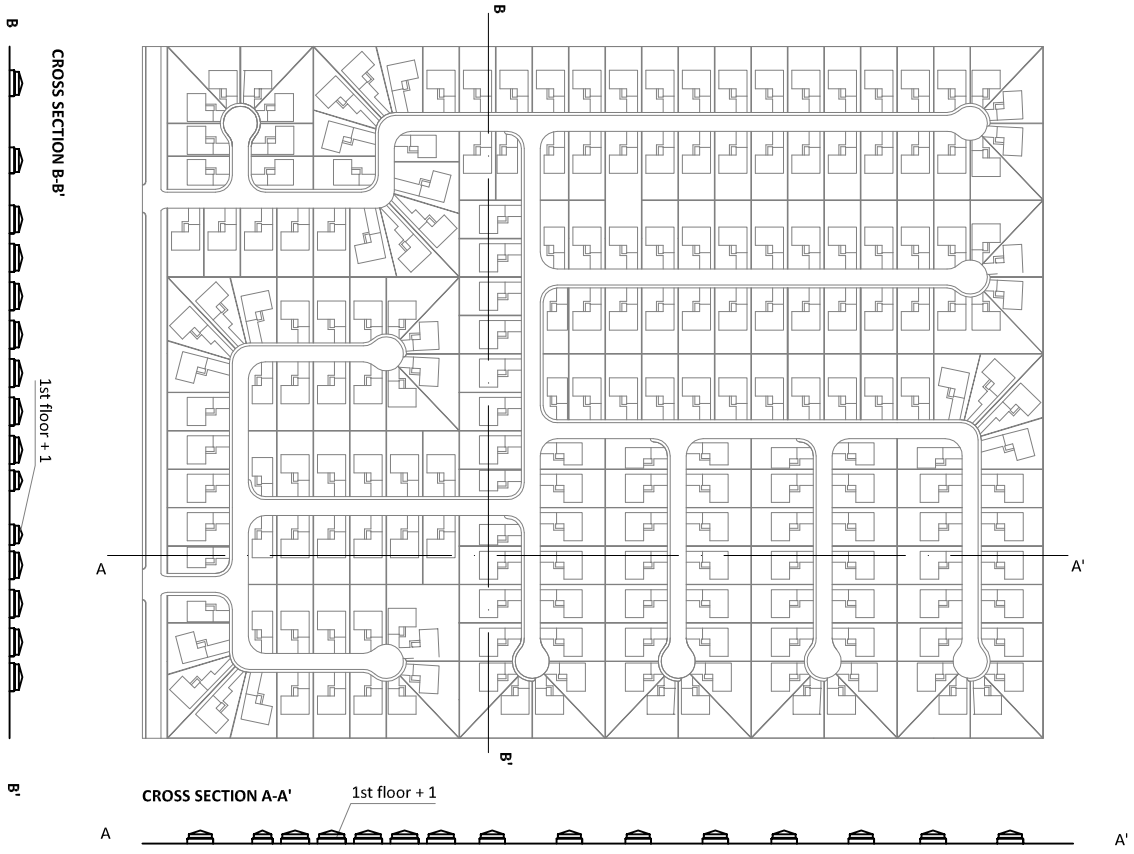




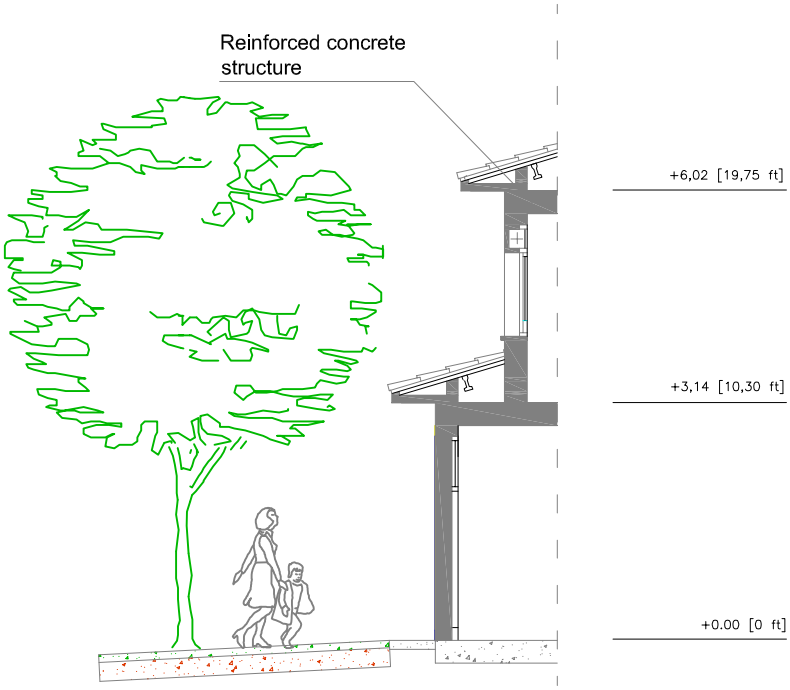
TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Reticular detached houses	Lighting and tree alignment	1/5000	7



TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Plan view	1/5000	1



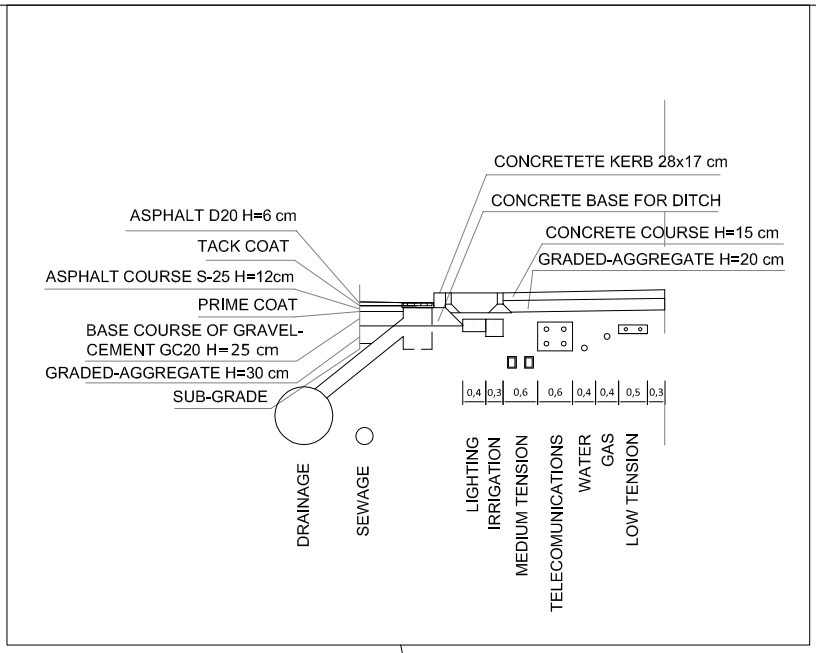
BUILDING FEATURES

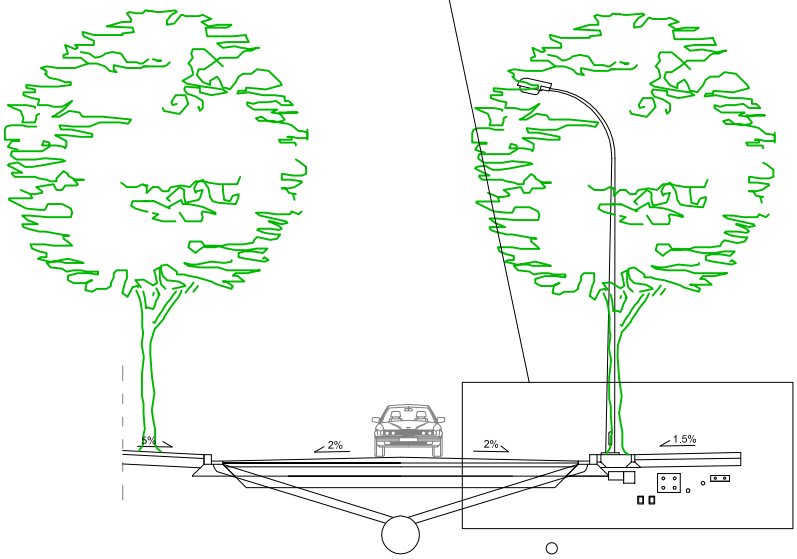


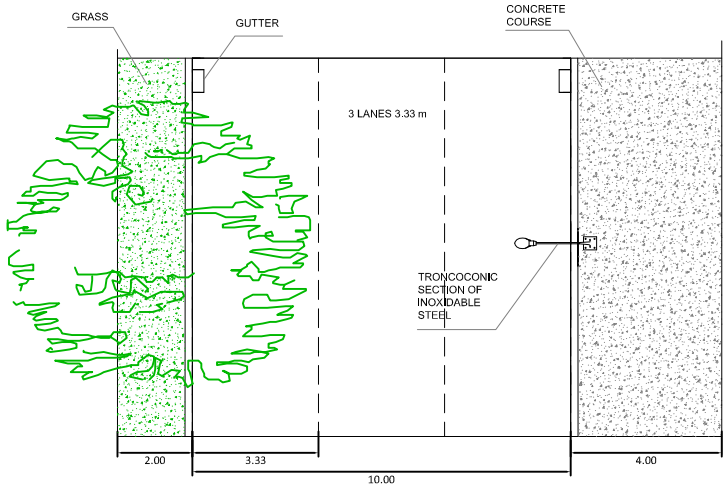
Scale 1/100

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Cross section	1/5000	2

ZOOM

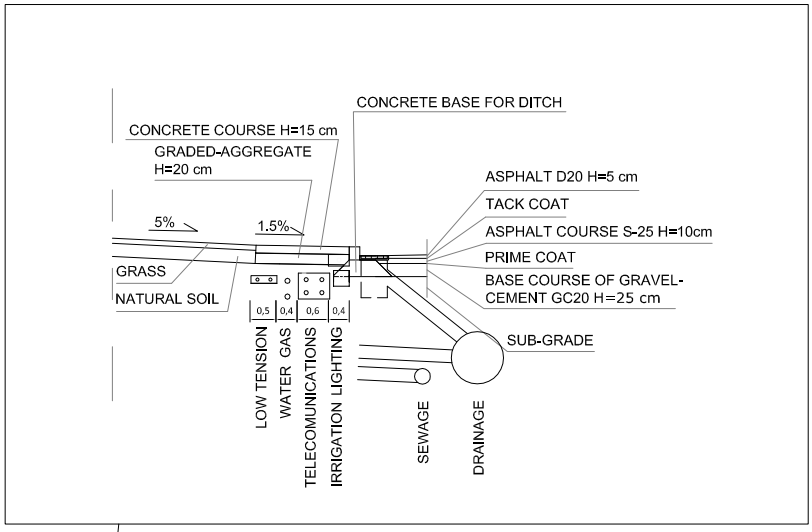


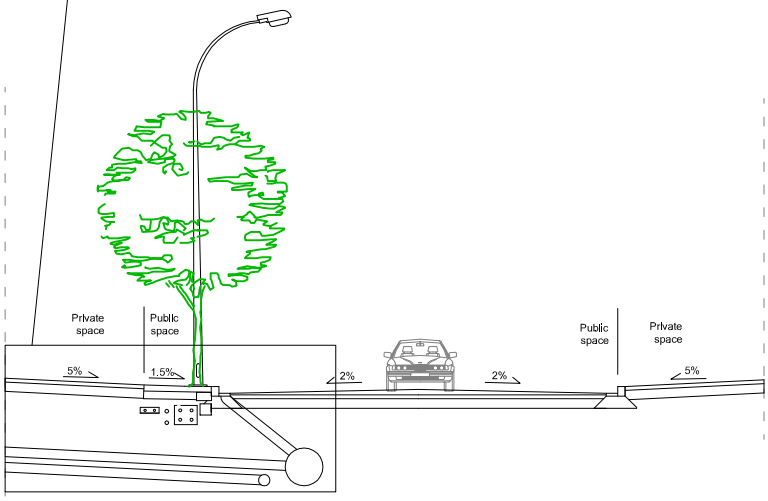


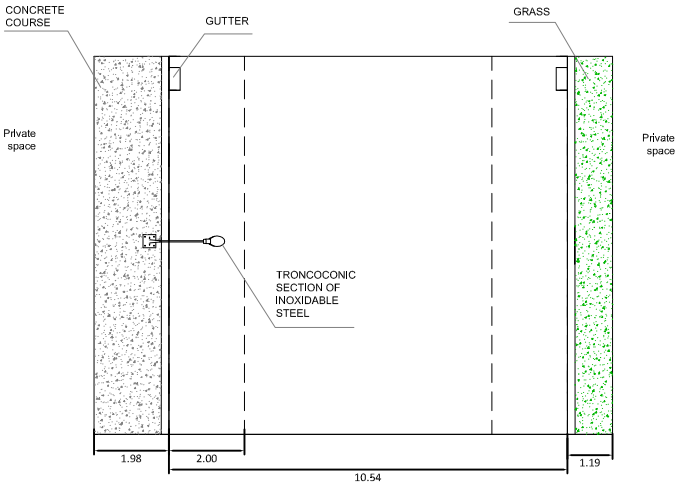


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Street section (avenue)	1/200	3

ZOOM

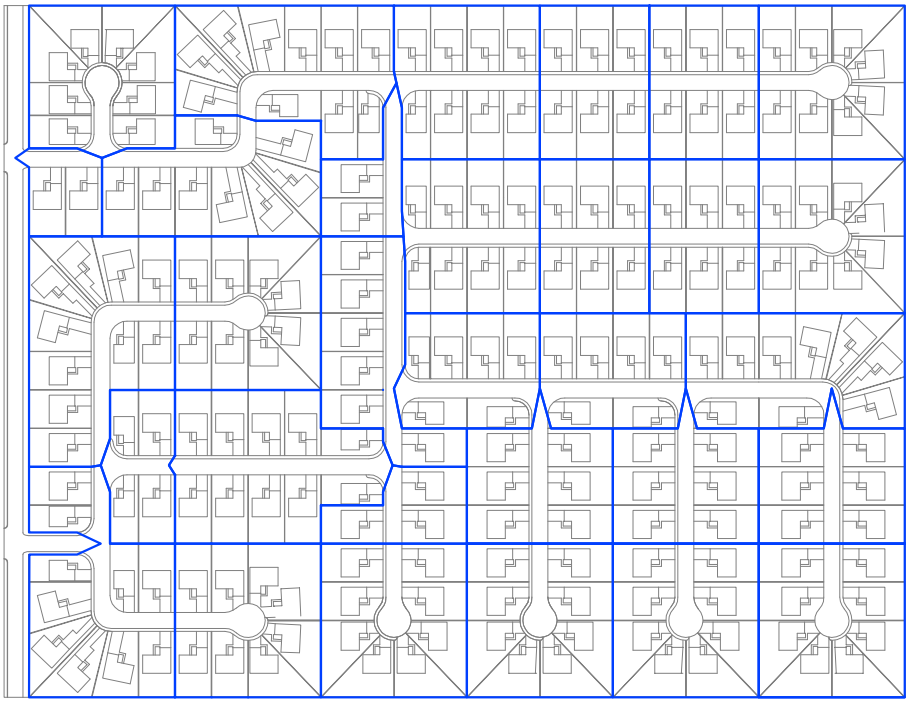




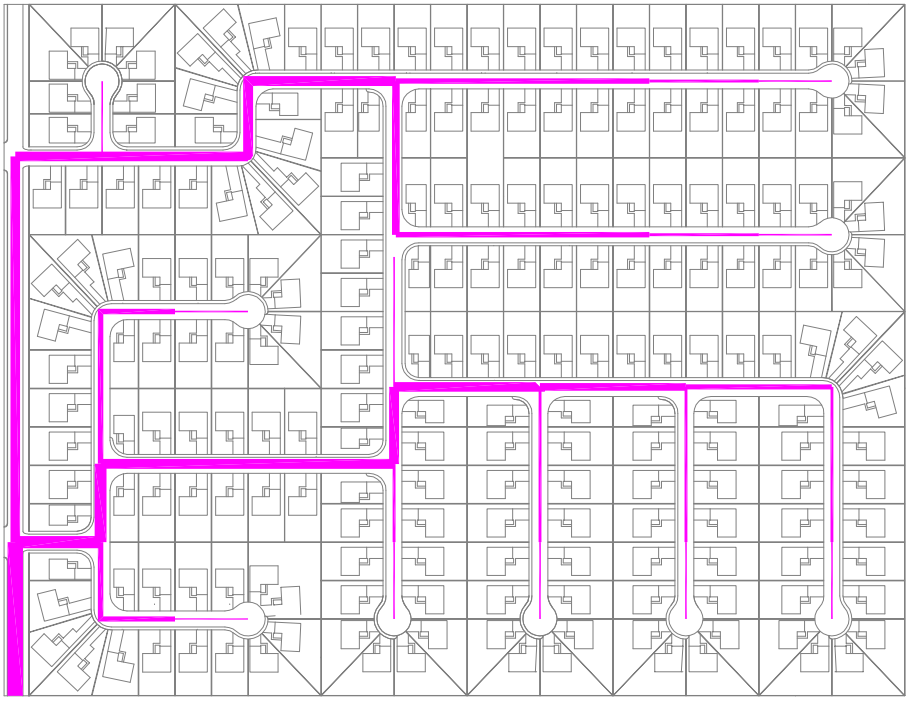


TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Street section (local street)	1/200	4

DRAINAGE BASINS



DRAINAGE SYSTEM

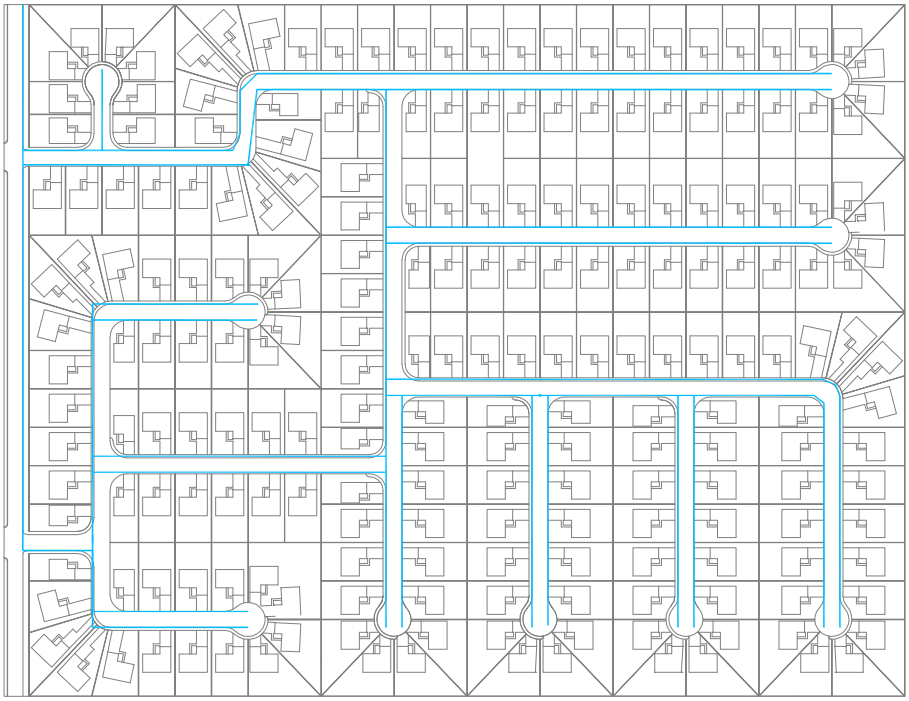


Diameters

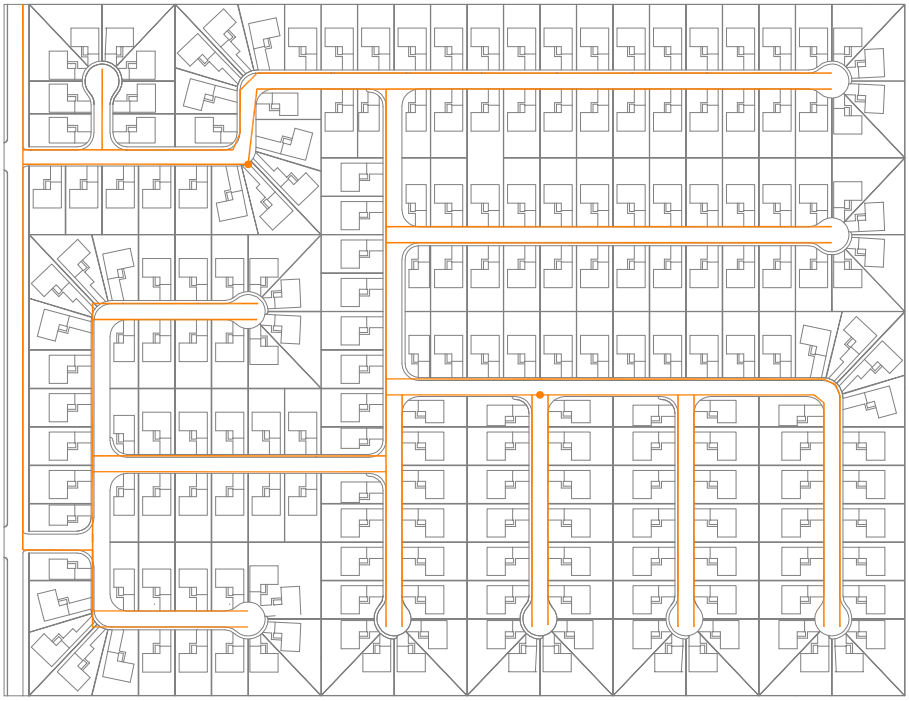
40 mm	80 mm	140 mm
50 mm	100 mm	160 mm
60 mm	120 mm	

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Drainage system	1/5000	5

DRINKING WATER



SEWAGE SYSTEM



Diameters

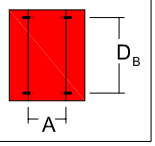
30 mm
40 mm
50 mm

TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Drinking water and sewage system	1/5000	6

LIGHTING

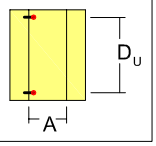
Avenues

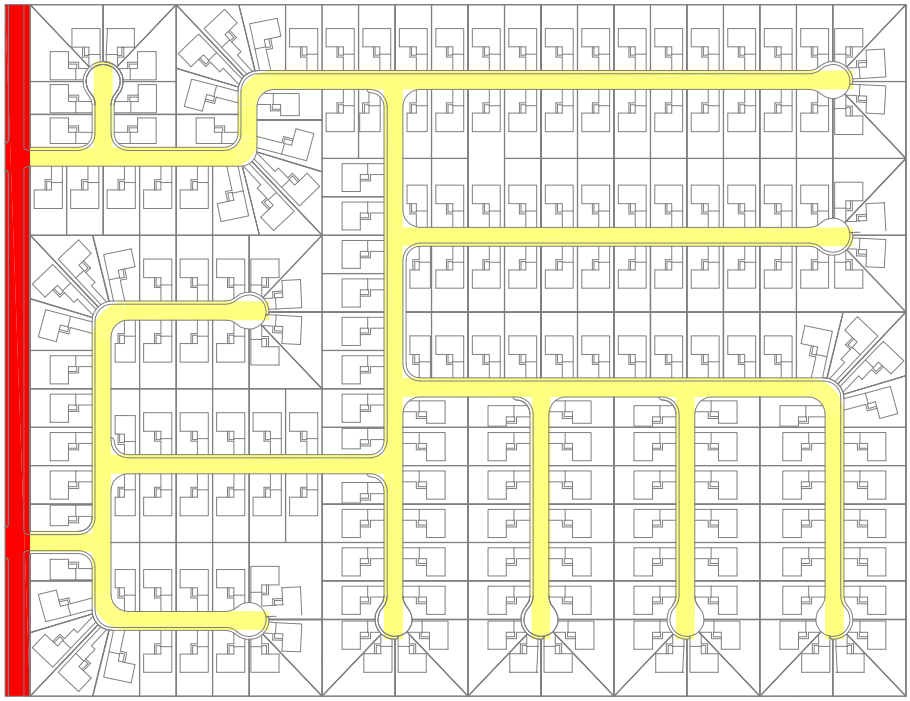
A = 24 m
H = 10 m
D_B= 27 m
P = 250 W



Local Streets

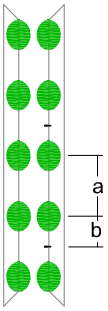
A = 10,5 m
H = 10 m
D_U= 27 m
P = 250 W

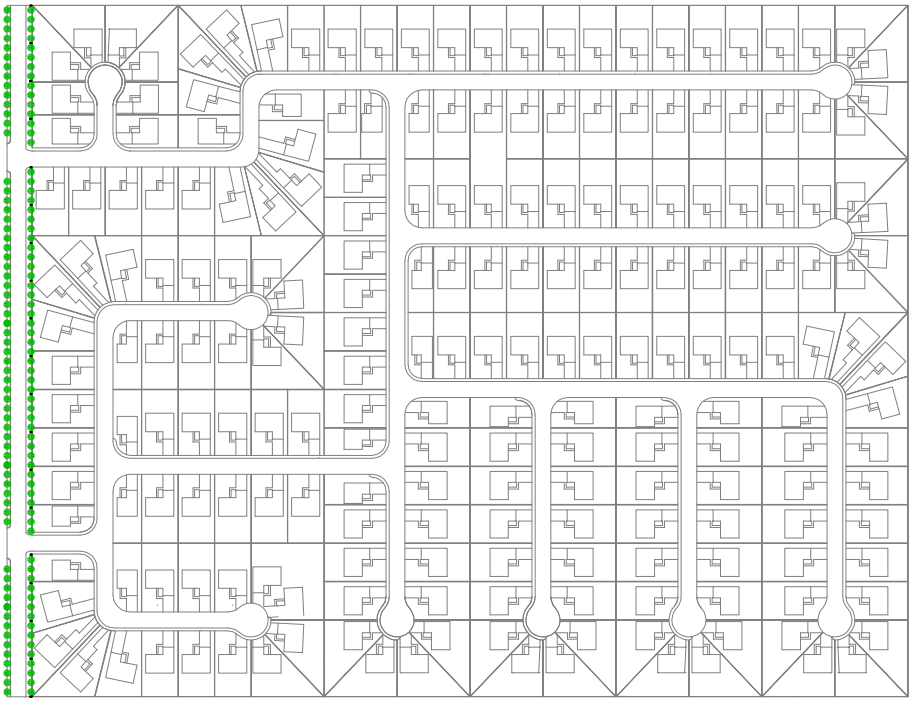




TREE ALIGNMENT

a = 6 m
b = 3 m





TUTOR	AUTHOR	TEHCNICAL DATA	TITLE	SCALE	PAGE
Pere Espelt Lleonart	Pol Adarve Panicot	Fractal detached houses	Lighting and tree alignment	1/5000	7