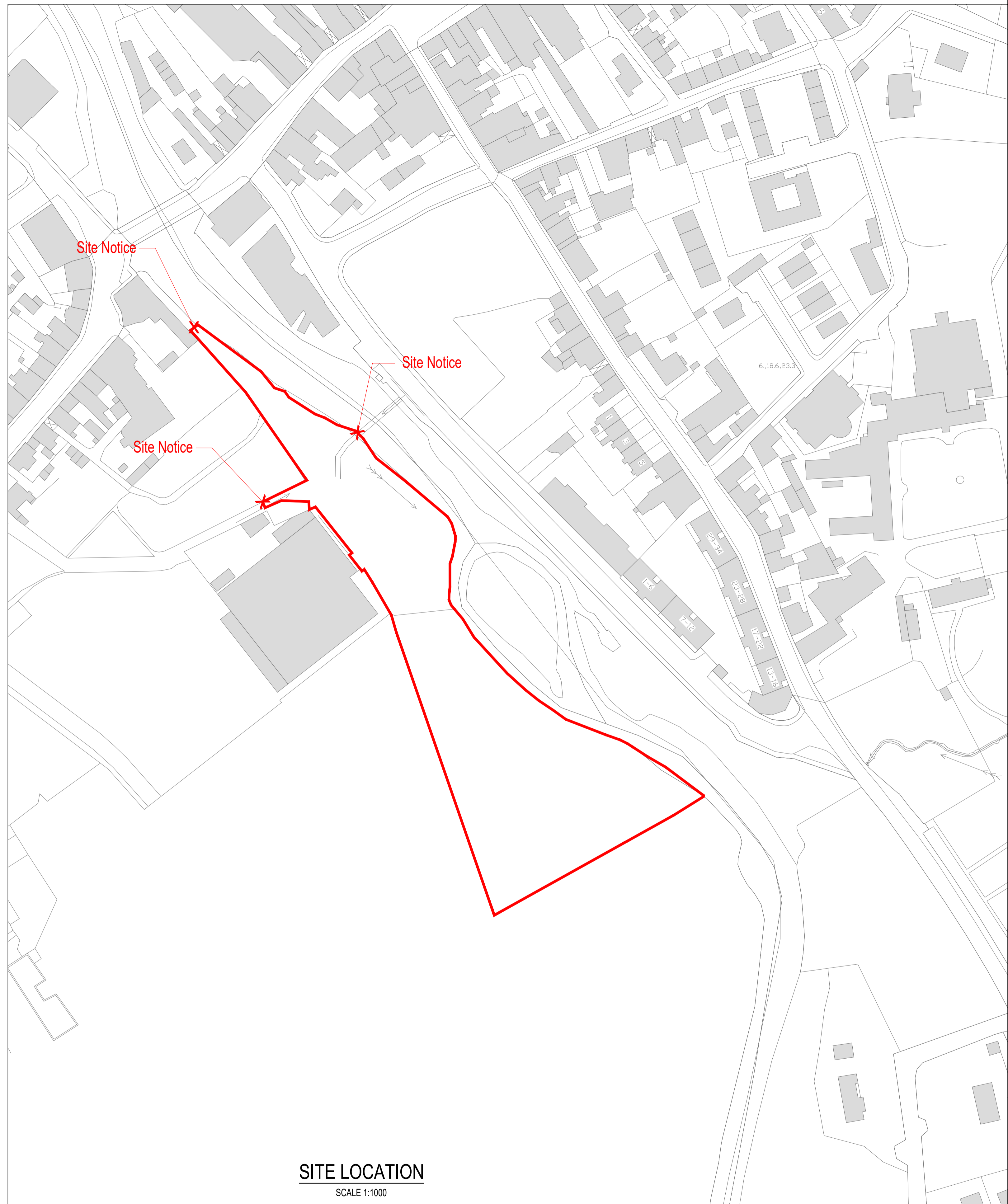


OS MAP
SCALE 1:2500



SITE LOCATION
SCALE 1:1000

GENERAL LEGEND:-

- SITE BOUNDARY
- 0.000
+ DENOTES EXISTING LEVELS

STANDARD INSTRUCTIONS

- 1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
 VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
 WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
 NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
 BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
 SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.
- 2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
- 3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

- ALL DIMENSIONS TO BE CHECKED ON SITE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
- IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

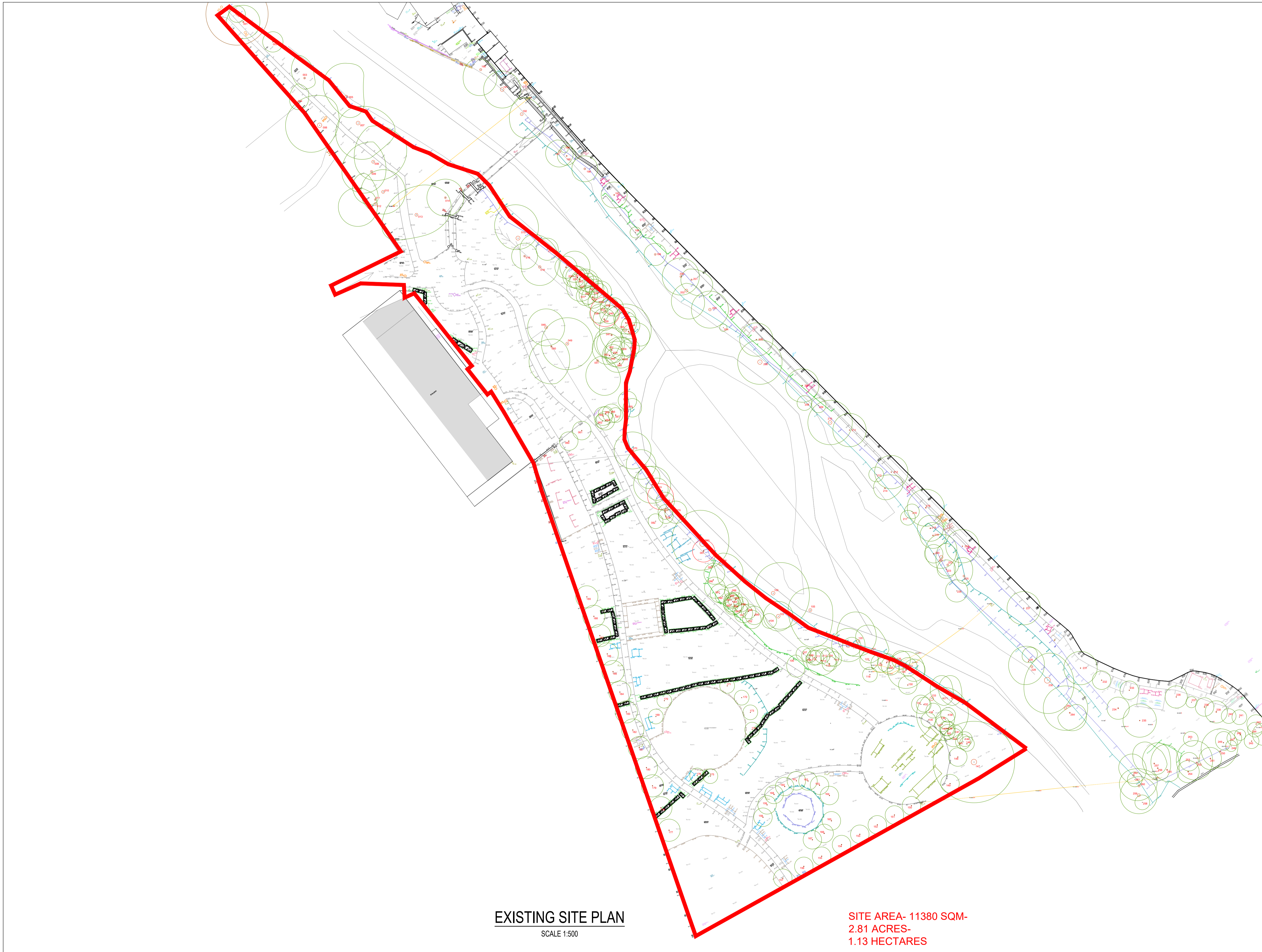
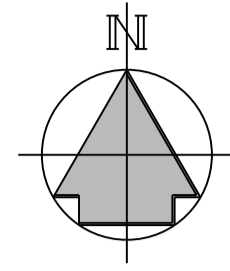
REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	25/03/24	PLANNING			
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-

PLACE + Urbanism
 tel: 052 6128966
 fax: 052 6180690
 email: info@place-u.ie
 Anglesea House, Anglesea Street
 Clonmel, Co. Tipperary

SCALE: 1/1000, 1/2500
 STATUS: **PLANNING**

CLIENT: **CARLOW COUNTY COUNCIL**
 PROJECT: **TULLOW TOWN PARK**
TULLOW, Co. CARLOW
 DRAWING TITLE: **OS MAP & SITE LOCATION**

0011	P+U	TTP	E	P	001.0	R01
------	-----	-----	---	---	-------	-----



GENERAL LEGEND:-

- SITE BOUNDARY
- 0.000
+ DENOTES EXISTING LEVELS

EXISTING SITE PLAN
SCALE 1:500

**SITE AREA- 11380 SQM-
2.81 ACRES-
1.13 HECTARES**

STANDARD INSTRUCTIONS

- 1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

- 2 IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
- 3 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
- 4 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-



SCALE:
AS NOTED

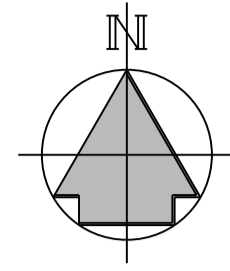
STATUS:
PLANNING

CLIENT: **CARLOW COUNTY COUNCIL**

PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

DRAWING TITLE: **EXISTING SITE
PLAN**

0011	P+U	TTP	E	P	002.0	R01
------	-----	-----	---	---	-------	-----



GENERAL LEGEND:-

- SITE BOUNDARY
- 0.000
+ DENOTES EXISTING LEVELS

EXISTING TREE SURVEY PLAN
SCALE 1:500

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED); NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-



SCALE: **AS NOTED** STATUS: **PLANNING**

CLIENT: **CARLOW COUNTY COUNCIL**

PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

DRAWING TITLE: **EXISTING TREE SURVEY
PLAN**

PROJECT	CLIENT	DATE	SCALE	STATUS	REVISION
0011	P+U	TTP	E	P	003.0 R01



KEY PLAN
SCALE 1:2000



PROPOSED SITE LAYOUT - OVERALL
SCALE 1:500

**SITE AREA- 11380 SQM-
2.81 ACRES-
1.13 HECTARES**

LANDSCAPE KEY

- Existing trees to be retained and protected in accordance with BS:3998, tree to be accessed by qualified arboriculturalist and any required pruning or safety work carried out.
- Existing trees to be removed, according with BS:3998
- T1 *Asculus hippocastanum*, 30-35cmg, 6M high, 2M clear stem, Rootballed
- T2 *Salix Babylonica*, 30-35cmg, 6M high, 2M clear stem, Rootballed
- T3 *Populus Nigra*, 20-25cmg, 5M high, 2M clear stem, Rootballed
- T4 *Prunus Mackii 'Amber Beauty'*, Multi stem, 3.0M high, 3-5 breaks, rootballed.
- T5 *Betula nigra 'Heritage'*, Multi stem, 3.0M high, 3-5breaks, rootballed.
- T6 *Quercus robur*, 18-20cmg, 4.5M high, 2M clear stem, Rootballed
- T7 *Betula pendula*, 14-16cmg, 2.5M high, 1.0m clear stem, Rootballed.
- T8 *Populus tremula*, 16-18cmg, 3.5M high, 2M clear stem, Rootballed
- T9 *Liquidambar styraciflua*, Multi stem, 4M high, 3-5 breaks, Rootballed
- Corylus avellana 'Contorta'* hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2
- Locally sourced stone boulders, 650 - 1200mm long, 600mm max height above ground.
- Low maintenance grass lawn- on 150mm BS certified topsoil
- Meadow - Native existing grasses and plants allowed to grow and maintained at a height between 200mm x 700mm, bramble, willow and self seeding sapplings to be removed.
- Ornamental Planting Mix 01- Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
- SUDS Planting Mix 02: Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
- Hardwood decking, Bangkirai timber with grip safe, boards to be 145 x 28mm with safe grip finish by Abbeywoods or equal and approved.
- Paving 1: Paving block, concrete with natural stone aggregates, 600mm x 400mm x 60mm, Shelbourne in 70%Silver/30% Black granite finish by Kilsarran or equal and approved, stretcher bond.
- Paving 2: Paving block, concrete with natural stone aggregates, 100mm x 100mm x 80mm, Newgrange in Black granite finish by Kilsarran or equal and approved, stretcher bond.
- Asphalt surfacing with high chip content, locally sourced grey stone aggregates, to street to engineers details.
- In situ concrete footpath with surface finish to engineers details.
- Precast concrete slab with formed voids, 600x400x100mm, stack bond pattern, all build up layers to engineers spec. Kilsarran turfstone or equal & approved.

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED);
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

GENERAL NOTES

1 IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING			
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

PLACE + Urbanism
tel: 052 6128966
fax: 052 6180690
email: info@place-ue
Anglesea House, Anglesea Street
Clonmel, Co. Tipperary

SCALE: **AS NOTED**
STATUS: **PLANNING**

CLIENT:

CARLOW COUNTY COUNCIL
PROJECT:
TULLOW TOWN PARK
TULLOW, Co. CARLOW
DRAWING TITLE:
PROPOSED SITE LAYOUT
OVERALL
0011 P+U TTP L P 004.0 R01



LANDSCAPE KEY

Existing trees to be retained and protected in accordance with BS:3998, tree to be accessed by qualified arboriculturalist and any required pruning or safety work carried out.	Low maintenance grass lawn- on 150mm BS certified topsoil
Existing trees to be removed, according with BS:3998	Meadow - Native existing grasses and plants allowed to grow and maintained at a height between 200mm x 700mm, bramble, willow and self seeding sapplings to be removed.
T1 <i>Aesculus hippocastanum</i> , 30-35cmg, 6M high, 2M clear stem, Rootballed	Ornamental Planting Mix 01- Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
T2 <i>Salix Babylonica</i> , 30-35cmg, 6M high, 2M clear stem, Rootballed	SUDS Planting Mix 02: Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
T3 <i>Populus Nigra</i> , 20-25cmg, 5M high, 2M clear stem, Rootballed	Hardwood decking, Bangkok timber with grip safe, boards to be 145 x 28mm with safe grip finish by Abbeywoods or equal and approved.
T4 <i>Prunus Mackii 'Amber Beauty'</i> , Multi stem, 3.0M high, 3-5 breaks, rootballed.	Paving 1: Paving block, concrete with natural stone aggregates, 600mm x 400mm x 60mm. Shelbourne in 70% Silver/30% Black granite finish by Kilsarran or equal and approved, stretcher bond.
T5 <i>Betula nigra 'Heritage'</i> , Multi stem, 3.0M high, 3-5 breaks, rootballed.	Paving 2: Paving block, concrete with natural stone aggregates, 100mm x 100mm x 80mm, Newgrange in Black granite finish by Kilsarran or equal and approved, stretcher bond.
T6 <i>Quercus robur</i> , 18-20cmg, 4.5M high, 2M clear stem, Rootballed	Asphalt surfacing with high chip content, locally sourced grey stone aggregates, to street to engineers details.
T7 <i>Betula pendula</i> , 14-16cmg, 2.5M high, 1.0m clear stem, rootballed.	In situ concrete footpath with surface finish to engineers details.
T8 <i>Populus tremula</i> , 16-18cmg, 3.5M high, 2M clear stem, Rootballed	Precast concrete slab with formed voids, 600x400x100mm, stack bond pattern, all build up layers to engineers spec. Kilsarran turfstone or equal & approved.
T9 <i>Liquidambar styraciflua</i> , Multi stem, 4M high, 3-5 breaks, Rootballed	
<i>Corylus avellana</i> 'Contorta' hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2	
Locally sourced stone boulders, 650 - 1200mm long, 600mm max height above ground.	

PROPOSED SITE PLAN - SHEET 1 OF 2
SCALE 1:250

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-

PLACE + Urbanism
tel: 052 6128966
fax: 052 6180690
email: info@place-urbanism.com
Anglesea House, Anglesea Street
Clonmel, Co. Tipperary

SCALE: AS NOTED
STATUS: PLANNING

CLIENT:	CARLOW COUNTY COUNCIL					
PROJECT:	TULLOW TOWN PARK TULLOW, Co. CARLOW					
DRAWING TITLE:	PROPOSED SITE LAYOUT SHEET 1 OF 2					
0011	P+U	TTP	L	P	004.1	R01



- LANDSCAPE KEY**
- Existing trees to be retained and protected in accordance with BS:3998, tree to be accessed by qualified arboriculturalist and any required pruning or safety work carried out.
 - Existing trees to be removed, according with BS:3998
 - T1 *Aesculus hippocastanum*, 30-35cmg, 6M high, 2M clear stem, Rootballed
 - T2 *Salix Babylonica*, 30-35cmg, 6M high, 2M clear stem, Rootballed
 - T3 *Populus nigra*, 20-25cmg, 5M high, 2M clear stem, Rootballed
 - T4 *Prunus Mackii 'Amber Beauty'*, Multi stem, 3.0M high, 3-5 breaks, rootballed.
 - T5 *Betula nigra 'Heritage'*, Multi stem, 3.0M high, 3-5 breaks, rootballed.
 - T6 *Quercus robur*, 18-20cmg, 4.5M high, 2M clear stem, Rootballed
 - T7 *Betula pendula*, 14-16cmg, 2.5M high, 1.0m clear stem, rootballed.
 - T8 *Populus tremula*, 16-18cmg, 3.5M high, 2M clear stem, Rootballed
 - T9 *Liquidambar styraciflua*, Multi stem, 4M high, 3-5 breaks, Rootballed
 - Corylus avellana* 'Contorta' hedge, 1000-1200mm high planted @ 300mm centers in staggered rows. Plants supplied bare root 2+2
 - Locally sourced stone boulders, 650 - 1200mm long, 600mm max height above ground.

- Low maintenance grass lawn- on 150mm BS certified topsoil
- Meadow - Native existing grasses and plants allowed to grow and maintained at a height between 200mm x 700mm, bramble, willow and self seeding sapplings to be removed.
- Ornamental Planting Mix 01- Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
- SUDS Planting Mix 02: Mixed ornamental grasses and perennials - 450mm Bs certified Topsoil
- Hardwood decking, Bangkirai timber with grip safe, boards to be 145 x 28mm with safe grip finish by Abbeywoods or equal and approved.
- Paving 1: Paving block, concrete with natural stone aggregates, 600mm x 400mm x 60mm, Shelbourne in 70%Silver/30% Black granite finish by Kilsarran or equal and approved, stretcher bond.
- Paving 2: Paving block, concrete with natural stone aggregates, 100mm x 100mm x 80mm, Newgrange in Black granite finish by Kilsarran or equal and approved, stretcher bond.
- Asphalt surfacing with high chip content, locally sourced grey stone aggregates, to street to engineers details.
- Insitu concrete footpath with surface finish to engineers details.
- Precast concrete slab with formed voids, 600x400x100mm, stack bond pattern, all build up layers to engineers spec. Kilsarran turfstone or equal & approved.

Proposed pumping station layout

Insitu concrete embankment steps, 4 steps @ each riser 150mm.

Insitu concrete embankment steps, 6 steps @ each riser 150mm.

4m x 3m hardwood decked platform, timber steel structure to engineers detail. Platform to have 1.2M high timber / steel guard rail.

Insitu concrete embankment steps, 5 steps @ each riser 150mm.

2no Timber top picnic set with steel frame Streetlife 'Rough & Ready' picnic set by Streetlife or EQA.

3x rough&ready cube bench 600 x 600 x450mm, by Streetlife or EQA.

Retention tree pit to take run-off from basketball court surface.

Basketball court with 3.0-4.0m high heavy duty sports fencing (at highest behind hoops) with 2 no 3m high matching gates, surfacing, markings and 2 hoops.

450mm high x 450mm wide concrete retaining wall / planters

Multi use goal posts including football and basketball goals, 'Kick shot' by Irish Fencing Services or EQA.

2 no Timber top steel frame benches, 2400 x 450 x 450mm, rough&ready bench no6 & 3x rough&ready cube bench 600 x 600 x450mm, by Streetlife or EQA.

PROPOSED SITE PLAN - SHEET 2 OF 2

SCALE 1:250

STANDARD INSTRUCTIONS

- 1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL: VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
- WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED); NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
- BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
- SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

GENERAL NOTES

- 1 IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECORDED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
- 2 IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
- 3 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
- 4 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-

PLACE + Urbanism
 tel: 052 6128966
 fax: 052 6180680
 email: info@place-urbanism.com
 Anglesea House, Anglesea Street
 Clonmel, Co. Tipperary

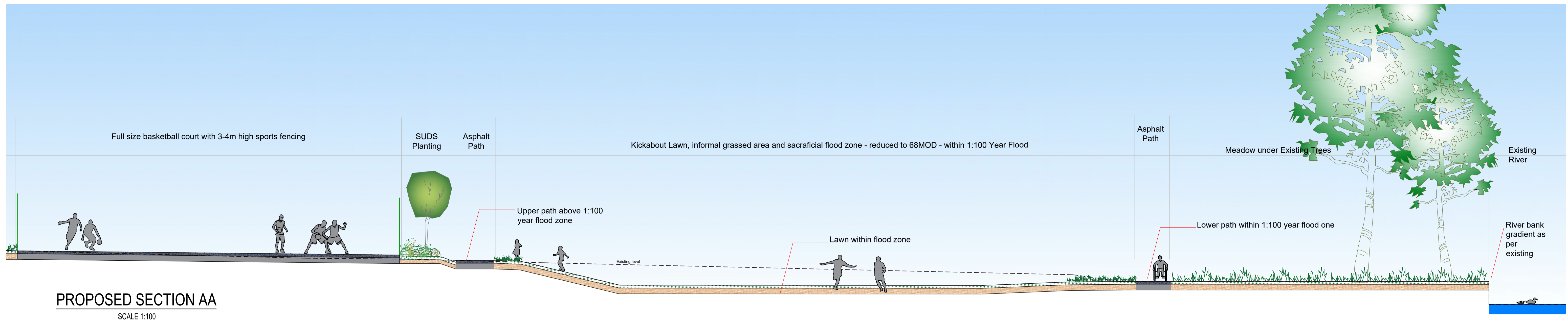
SCALE: **AS NOTED**
 STATUS: **PLANNING**

CLIENT: **CARLOW COUNTY COUNCIL**

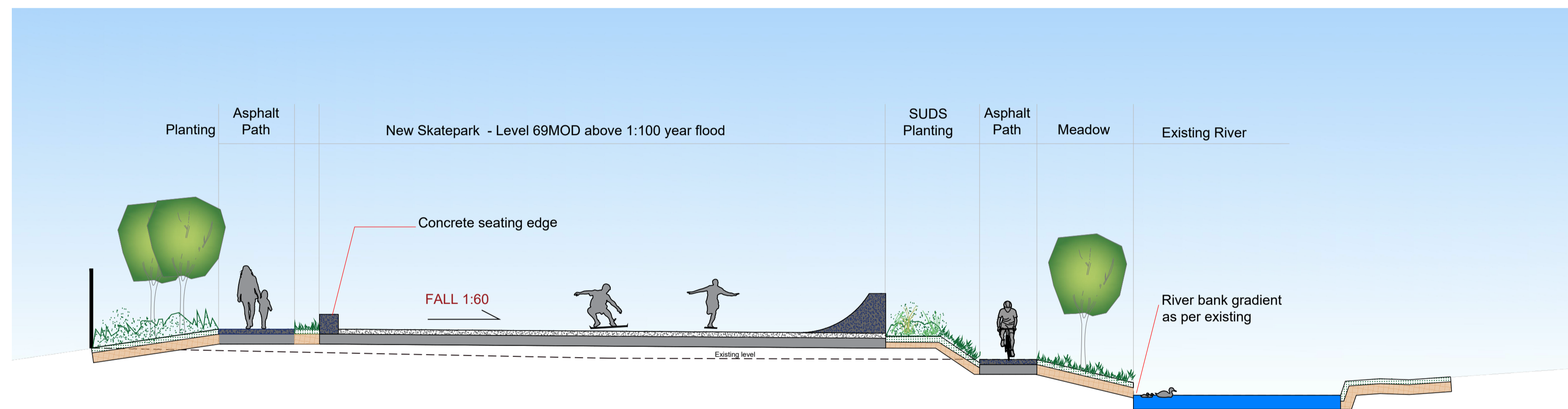
PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

DRAWING TITLE: **PROPOSED SITE LAYOUT
SHEET 2 OF 2**

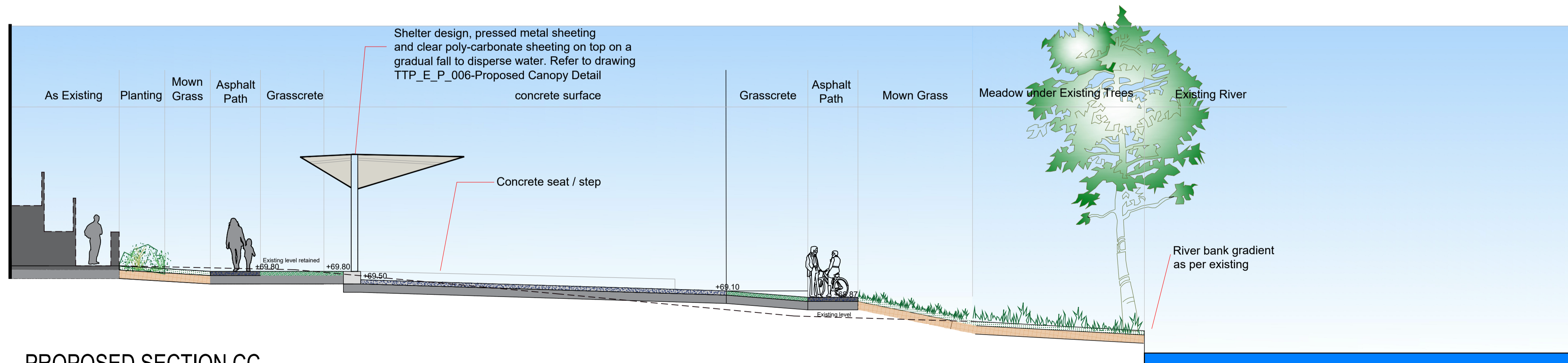
PROJECT	DATE	REVISED	DATE	BY	DATE	BY
0011	P+U	TTP	L	P	004.2	R01



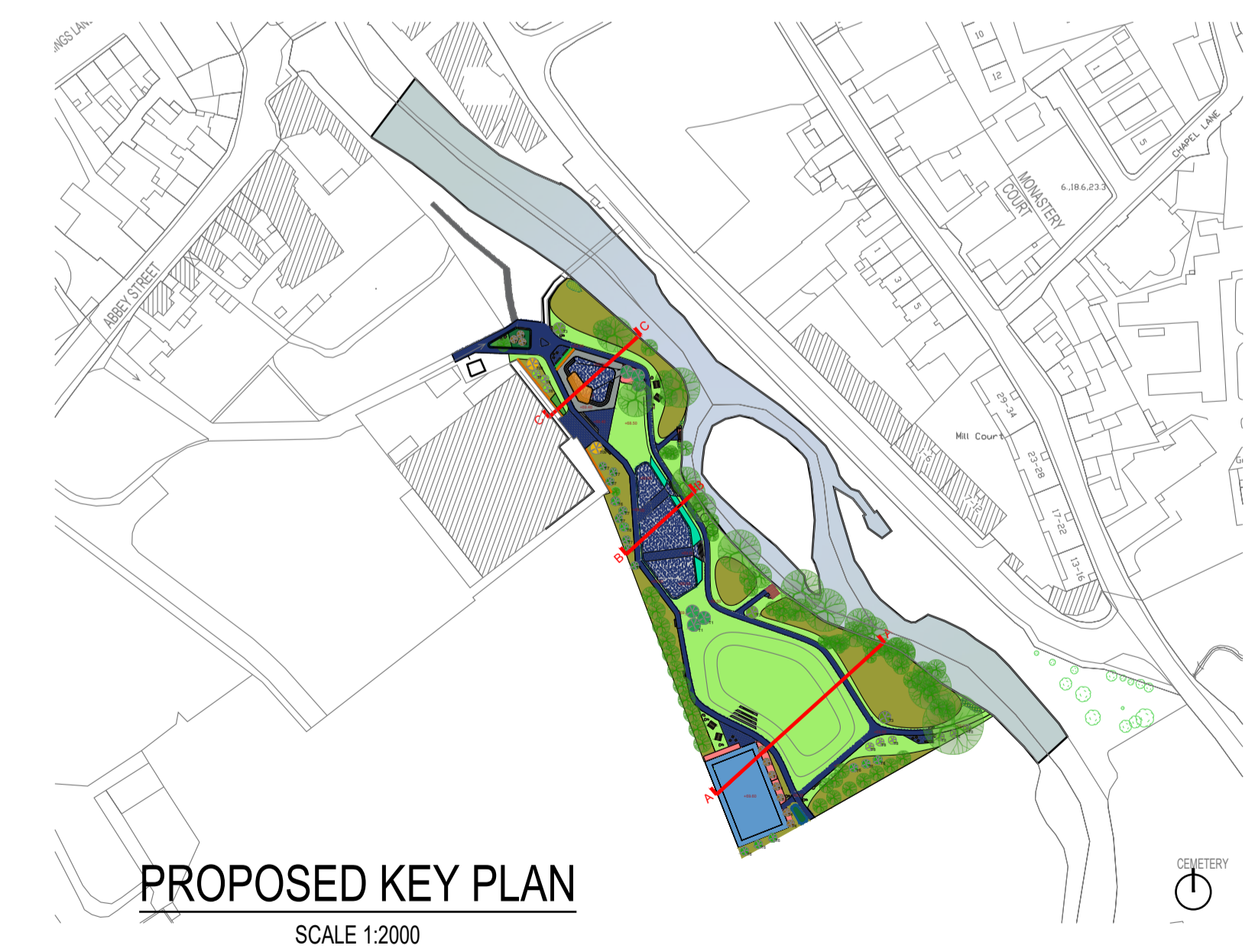
PROPOSED SECTION AA
SCALE 1:100



PROPOSED SECTION BB
SCALE 1:100



PROPOSED SECTION CC
SCALE 1:100



STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/2024	PLANNING	GD	KH	KH
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

PLACE + Urbanism

tel: 052 6128966
fax: 052 6180690
email: info@place-u.ie

Anglesea House, Anglesea Street
Clonmel, Co. Tipperary

SCALE: **AS NOTED**

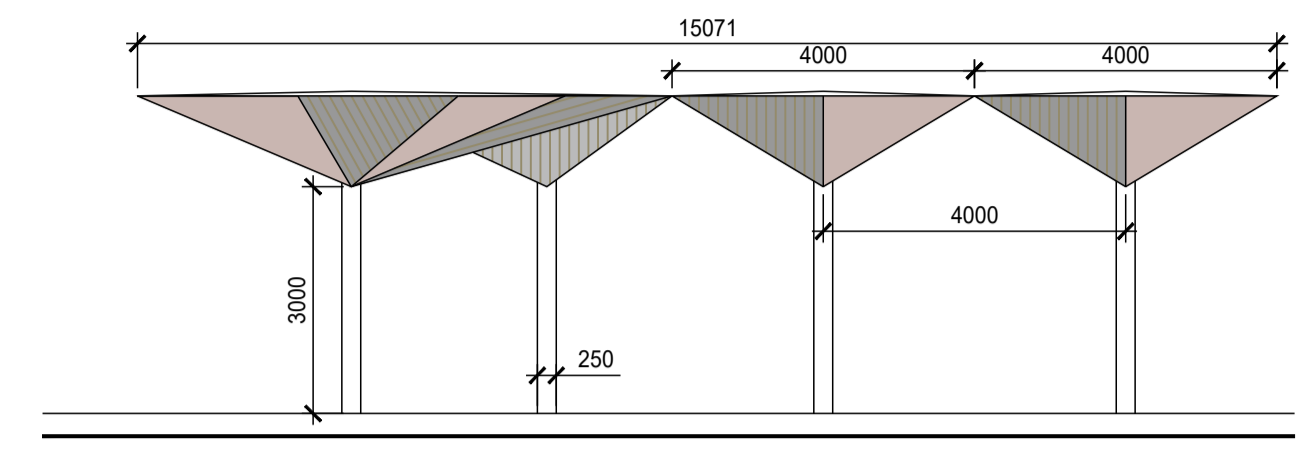
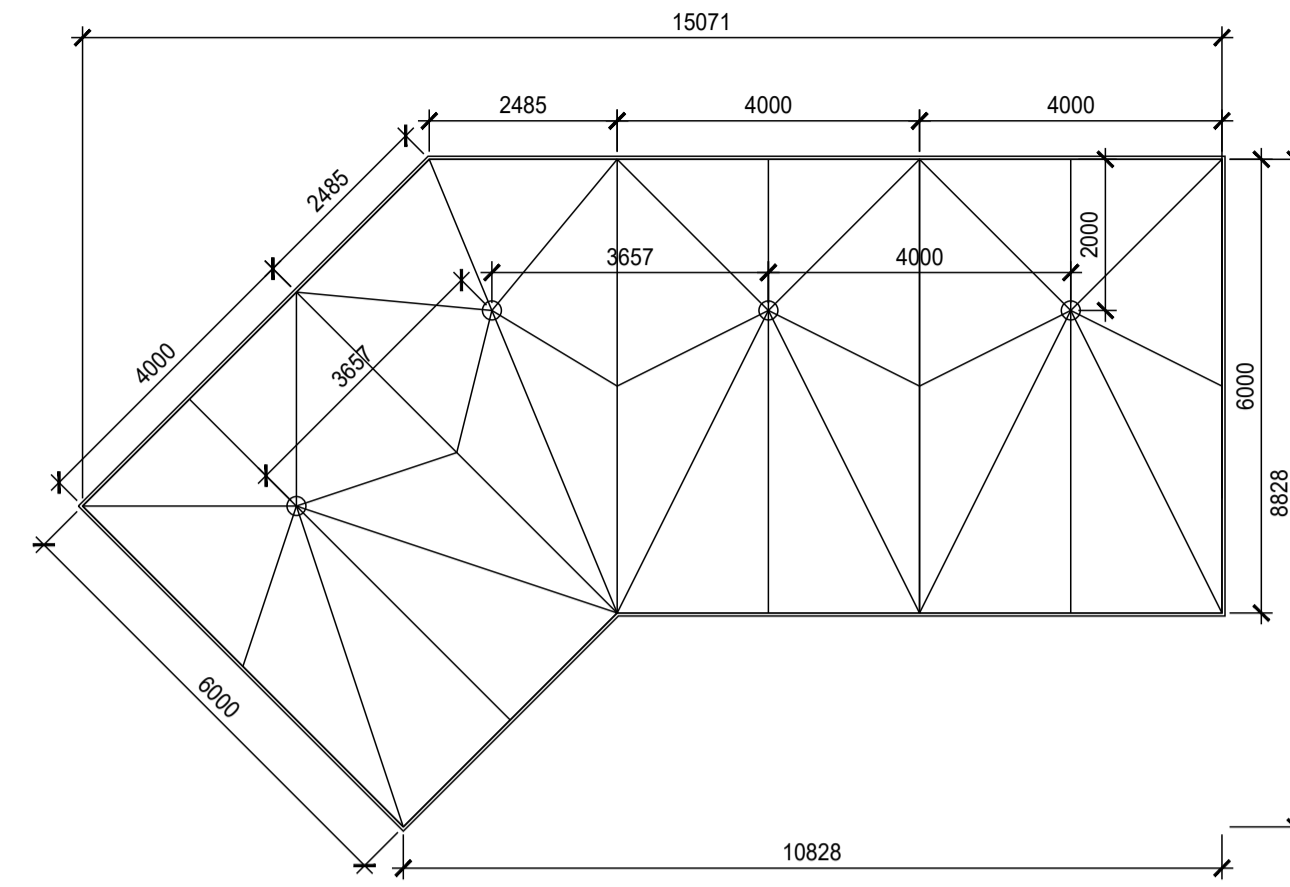
STATUS: **PLANNING**

CLIENT: **CARLOW COUNTY COUNCIL**

PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

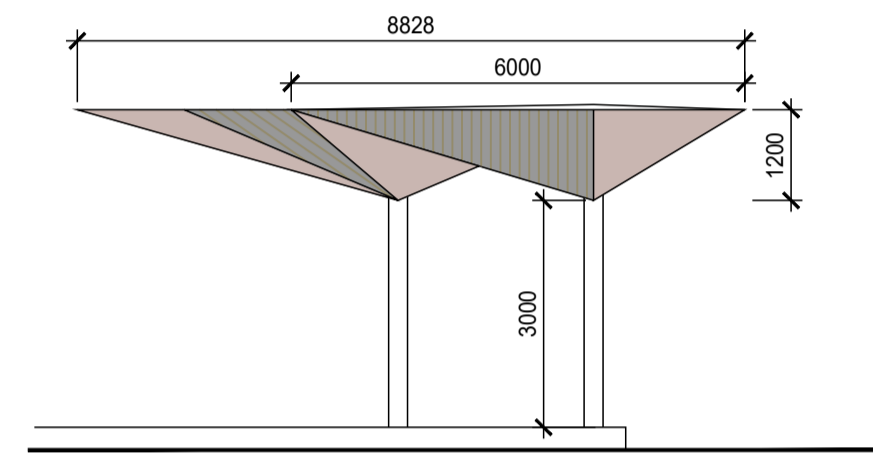
DRAWING TITLE: **PROPOSED SITE SECTIONS**

0011	P+U	TTP	E	P	005.0	R01
------	-----	-----	---	---	-------	-----

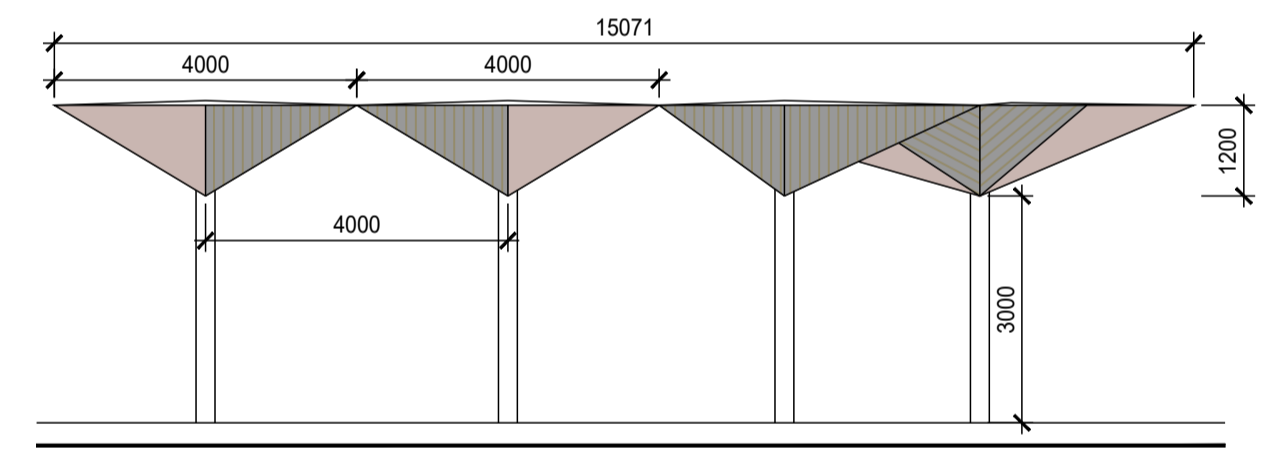
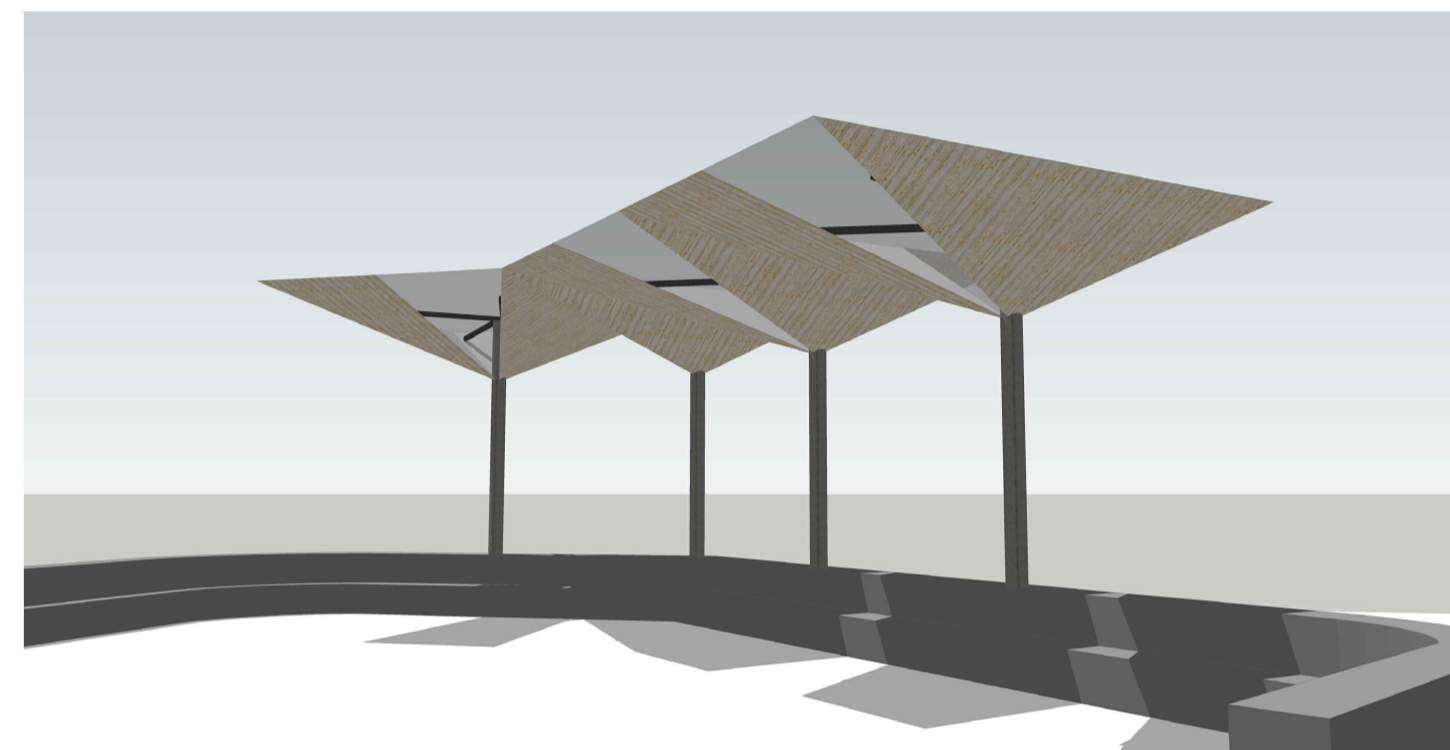


PROPOSED NORTH ELEVATION
SCALE 1:100

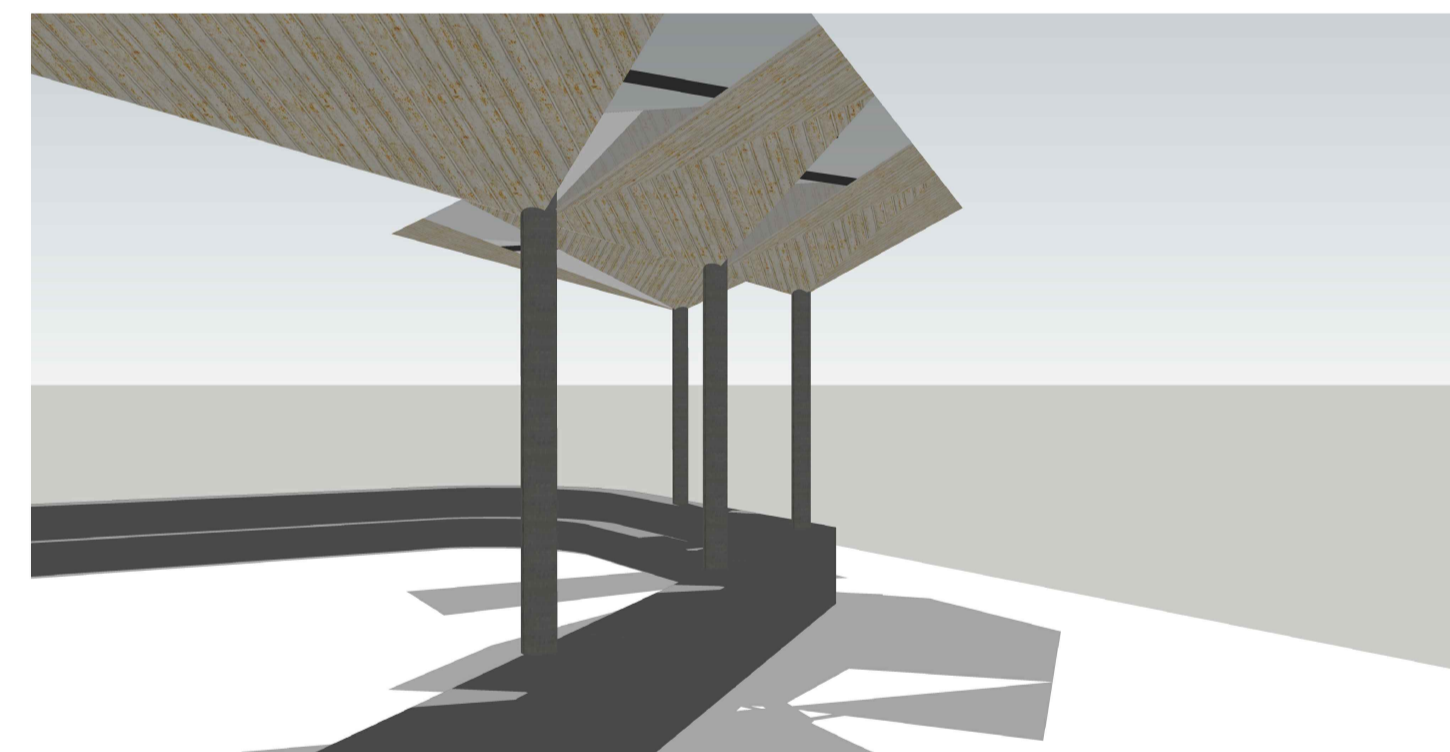
PROPOSED CANOPY PLAN
SCALE 1:100



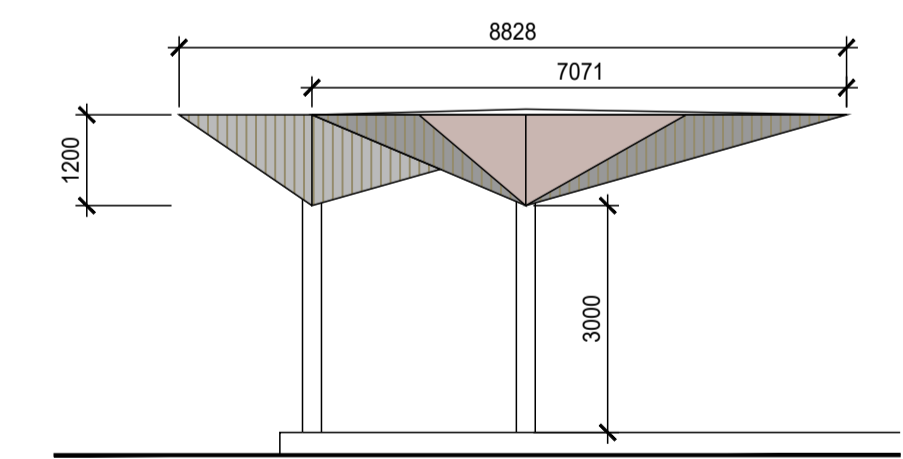
PROPOSED WEST ELEVATION
SCALE 1:100



PROPOSED SOUTH ELEVATION
SCALE 1:100

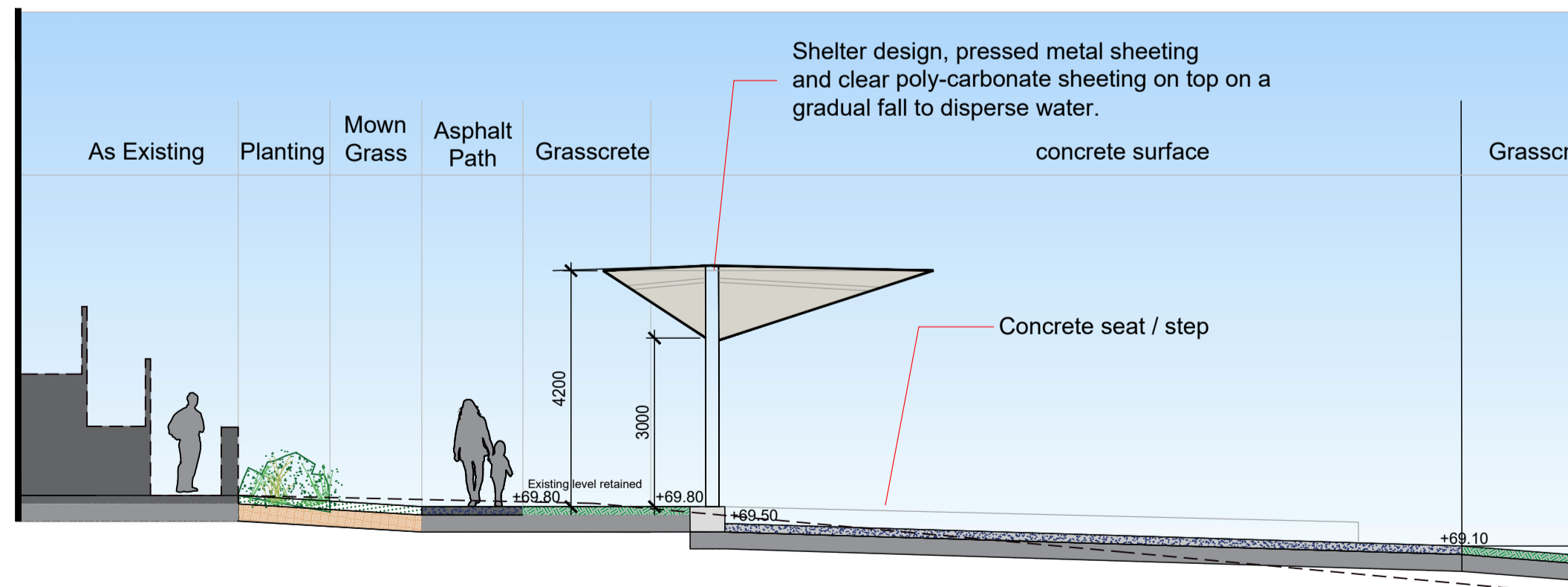


PROPOSED 3D VIEWS



PROPOSED EAST ELEVATION
SCALE 1:100

PROPOSED CANOPY PLAN
SCALE 1:200



PROPOSED SECTION CC
SCALE 1:100

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

2 IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
3 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
4 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/24	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-



tel: 052 6128966
fax: 052 6180690
email: info@place-u.ie
Anglesea House, Anglesea Street
Clonmel, Co. Tipperary

CLIENT: **CARLOW COUNTY COUNCIL**

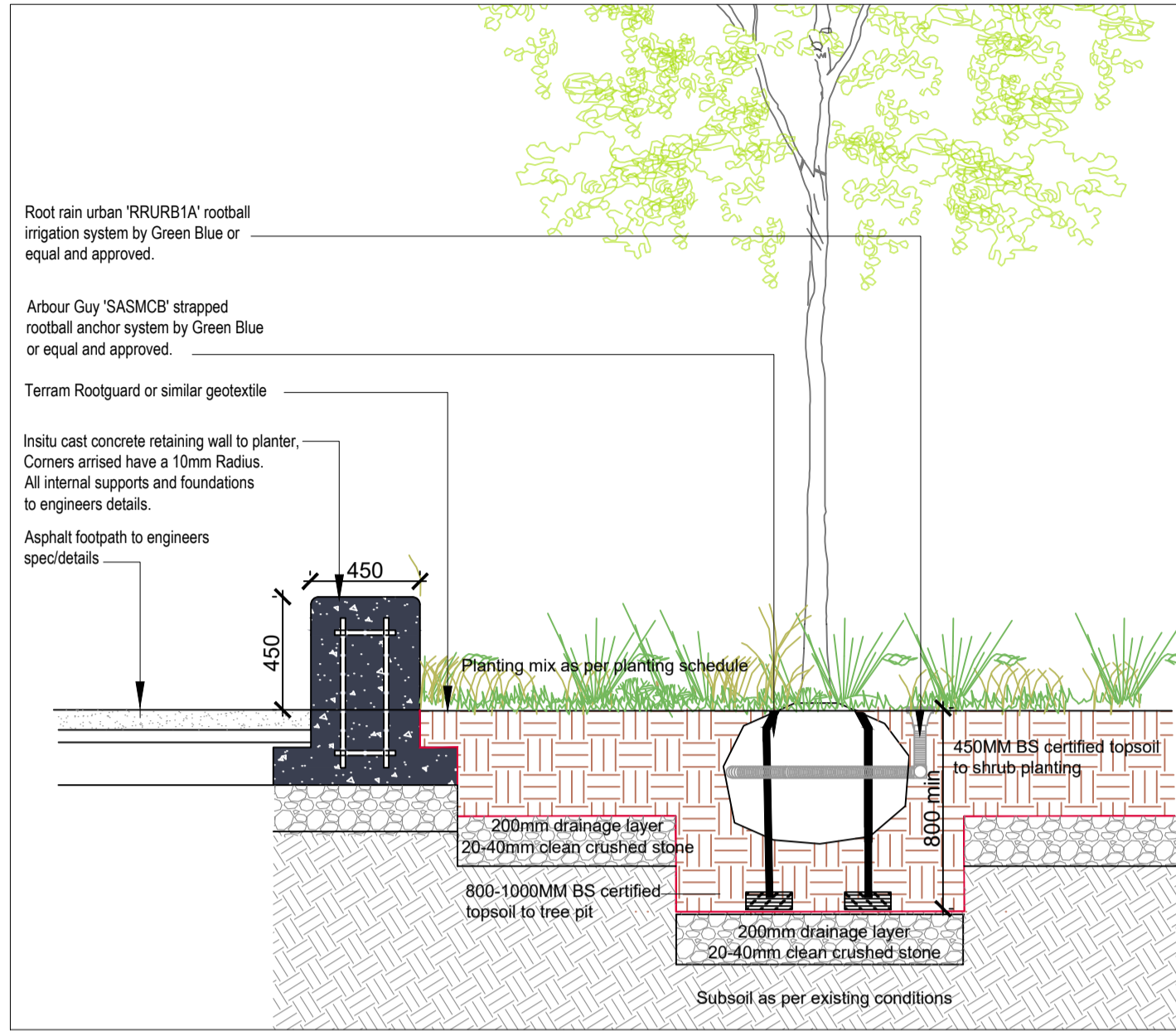
PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

DRAWING TITLE: **PROPOSED CANOPY DESIGN**

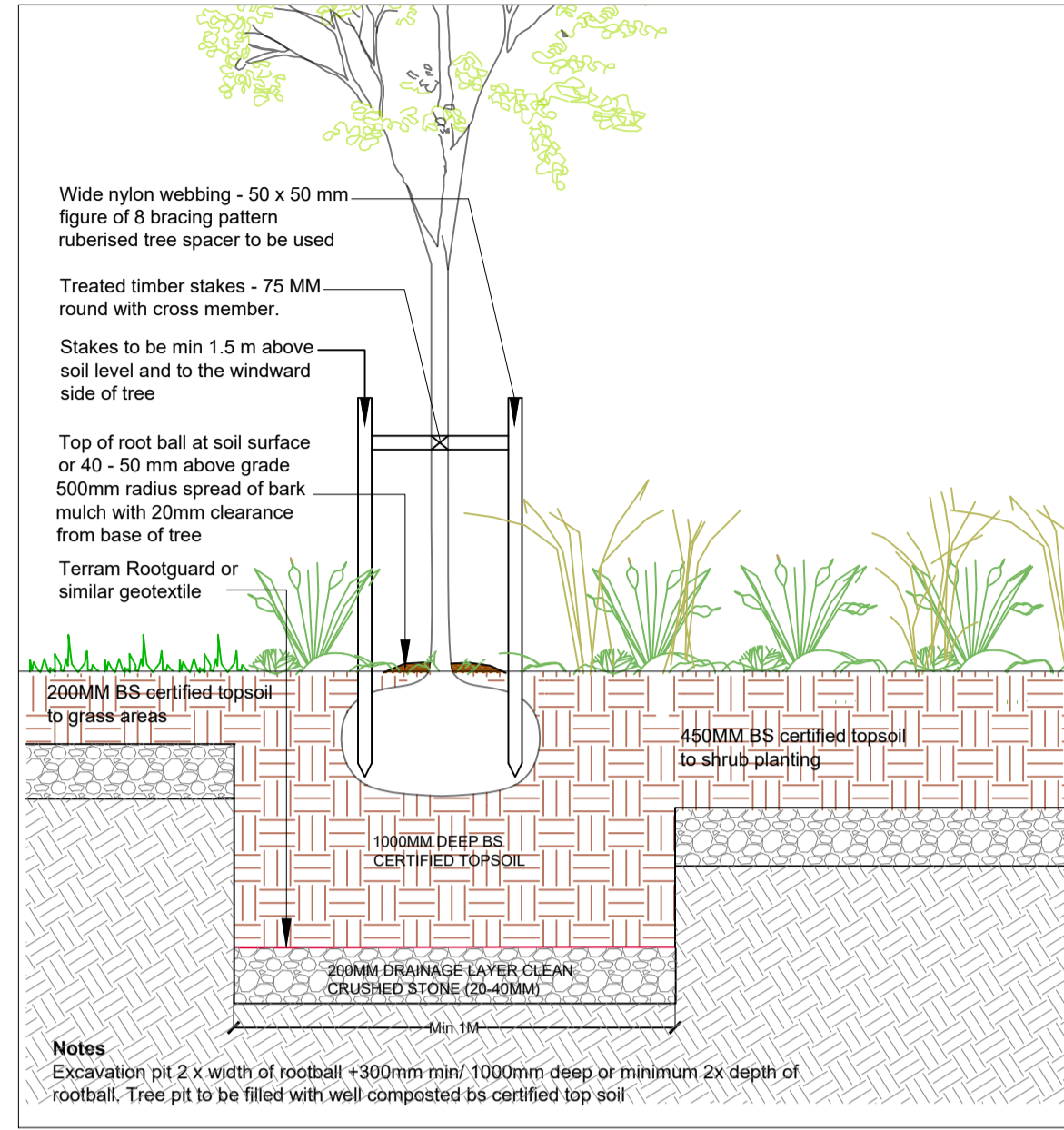
SCALE: **AS NOTED**

STATUS: **PLANNING**

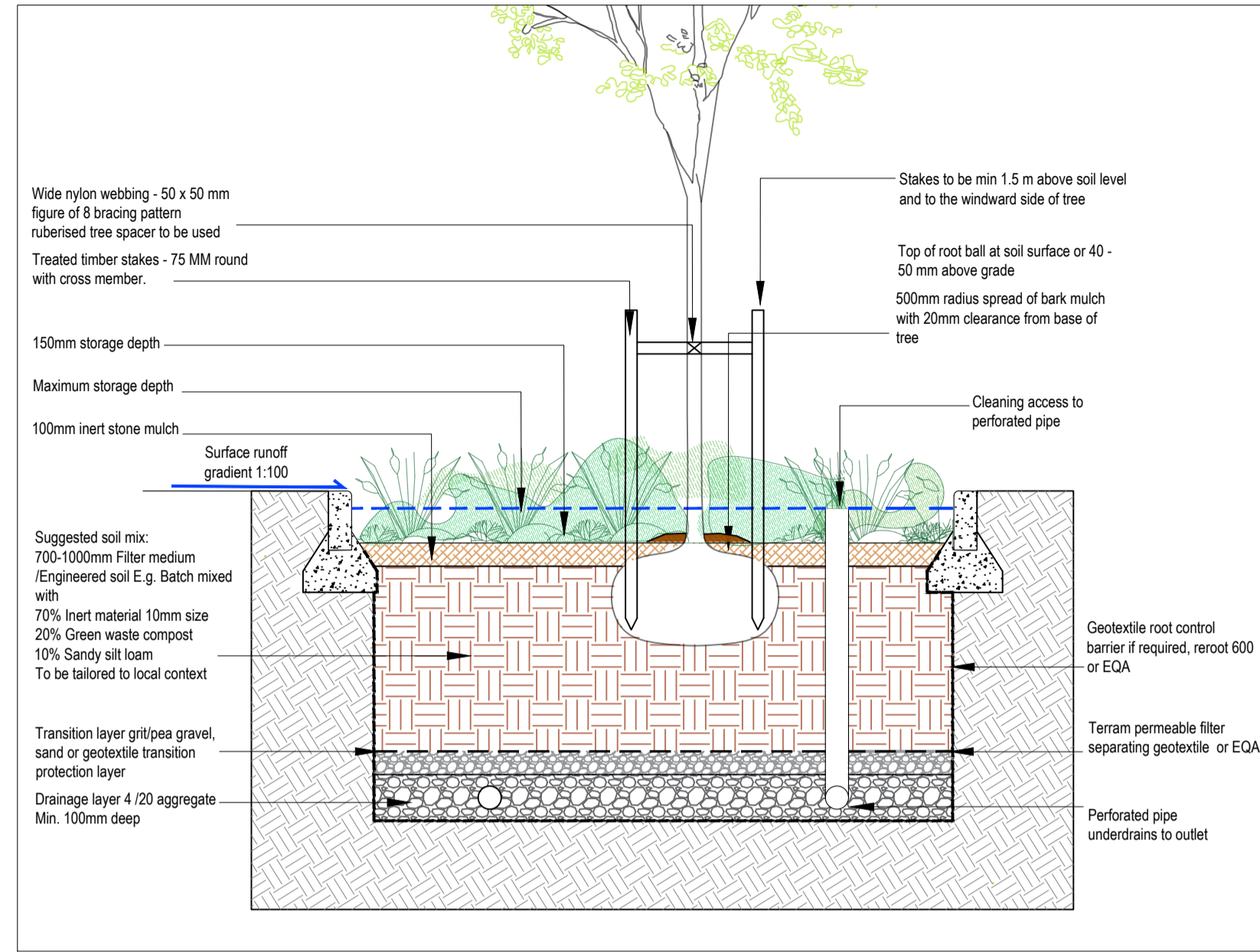
PROJECT	PHASE	DATE	REV.	APP.	STATUS	NO.	REV.
0011	P+U	TTP	E	P	006.0	R01	



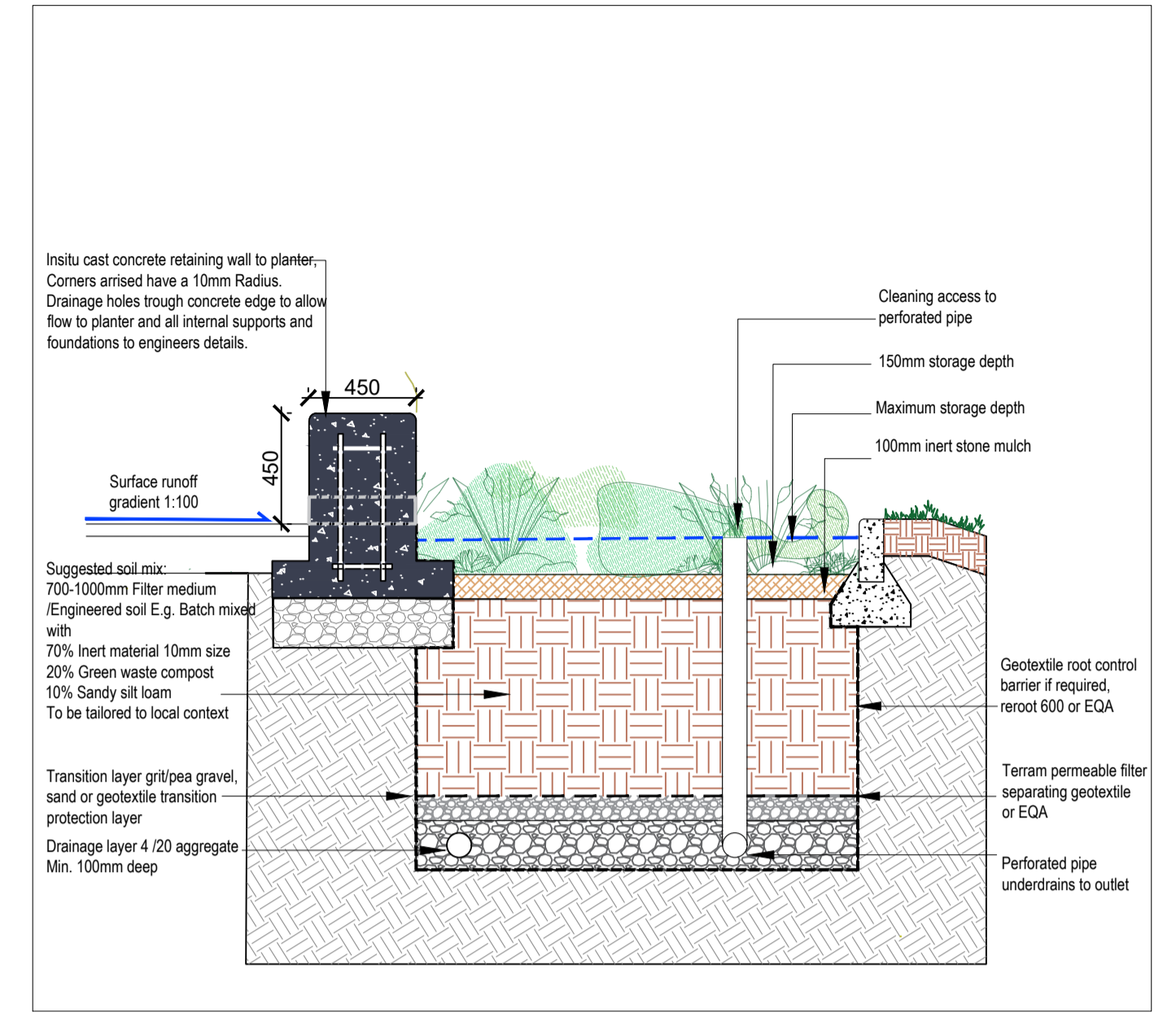
Detail 03. Entrance Planter with concrete seating edge. Scale 1:25@A1



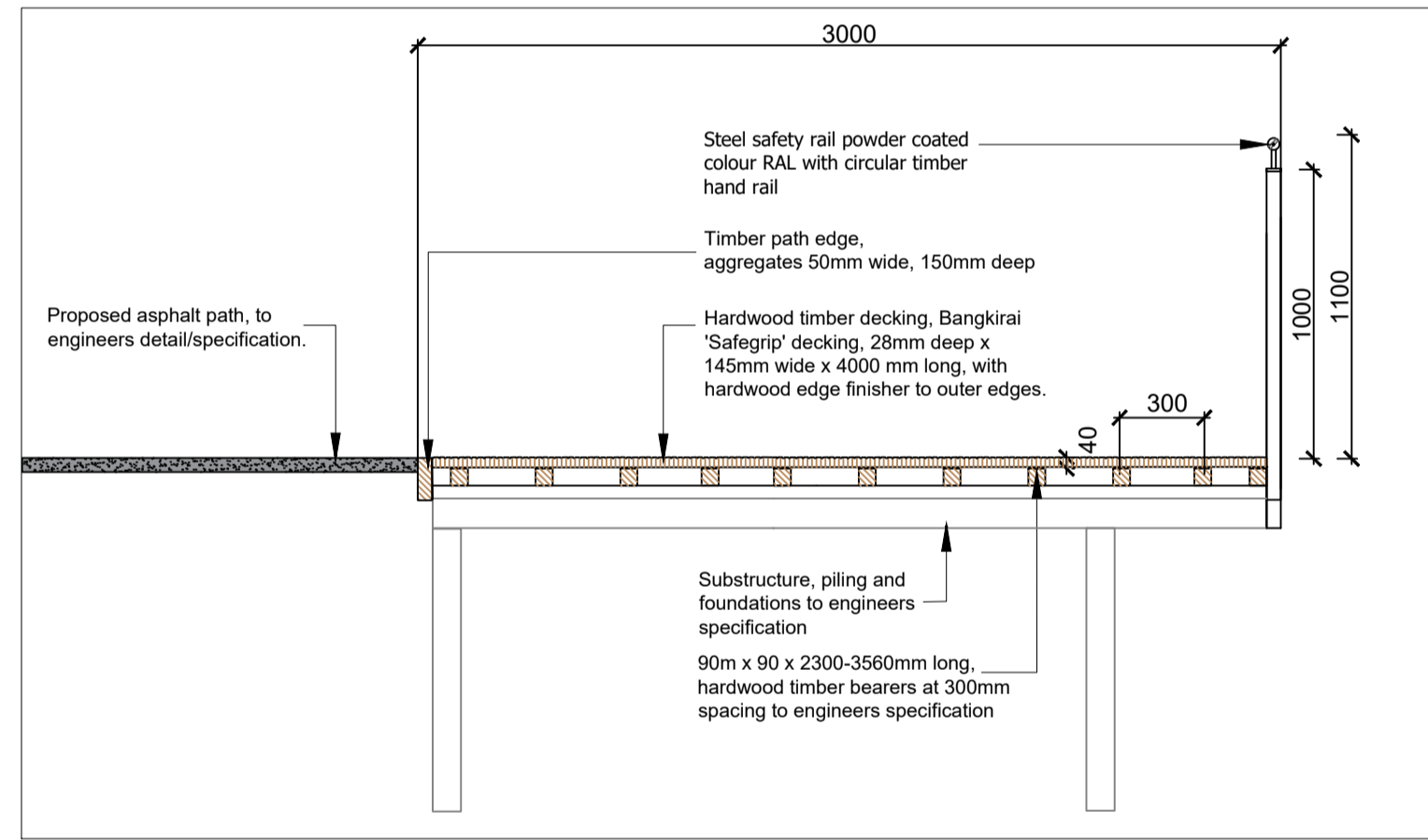
Detail 04. Tree planting in Soft Landscape. Scale 1:25@A1



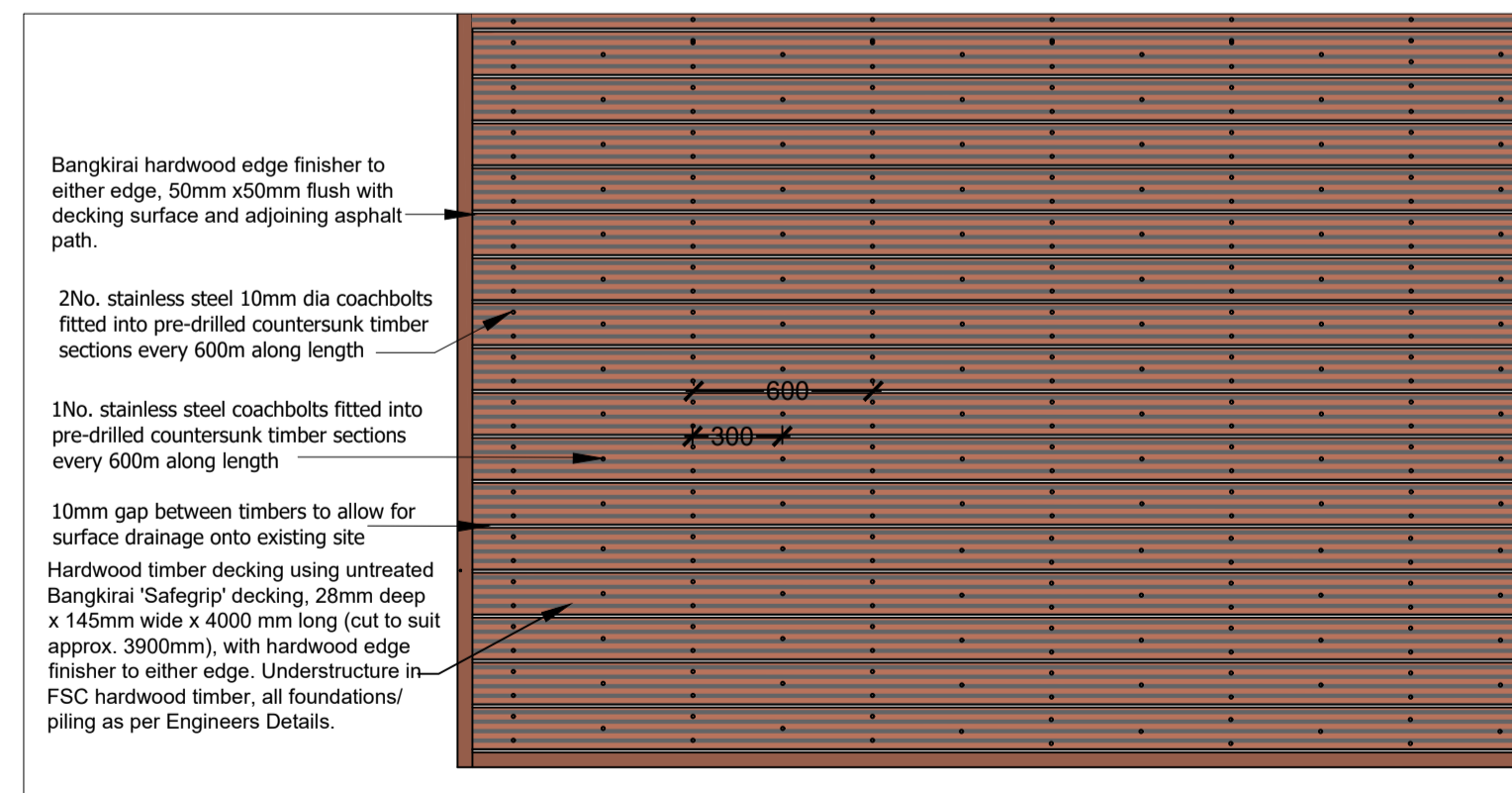
Detail 05. Tree planting in retention planting pit. Scale 1:25@A1



Detail 06. SUDS pit. Scale 1:25@A1



Detail 01. Riverside Viewing Platform. Scale 1:25@A1



Detail 02. Riverside Viewing Platform Plan. Scale 1:25@A1

STANDARD INSTRUCTIONS

- THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
 - VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
 - WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED), NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
 - BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
 - SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

- IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
- IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
- THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
- THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

- ALL DIMENSIONS TO BE CHECKED ON SITE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
- IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/24	PLANNING			
-	-	-			
-	-	-			
-	-	-			
-	-	-			



tel: 052 6128966
 fax: 052 6180690
 email: info@place-u.ie
 glessee House, Angleseo Street
 Clonmel, Co. Tipperary

CLIENT: CARLOW COUNTY COUNCIL

PROJECT: TULLOW TOWN PARK
 TULLOW, Co. CARLOW

DRAWING TITLE: PROPOSED DETAILS

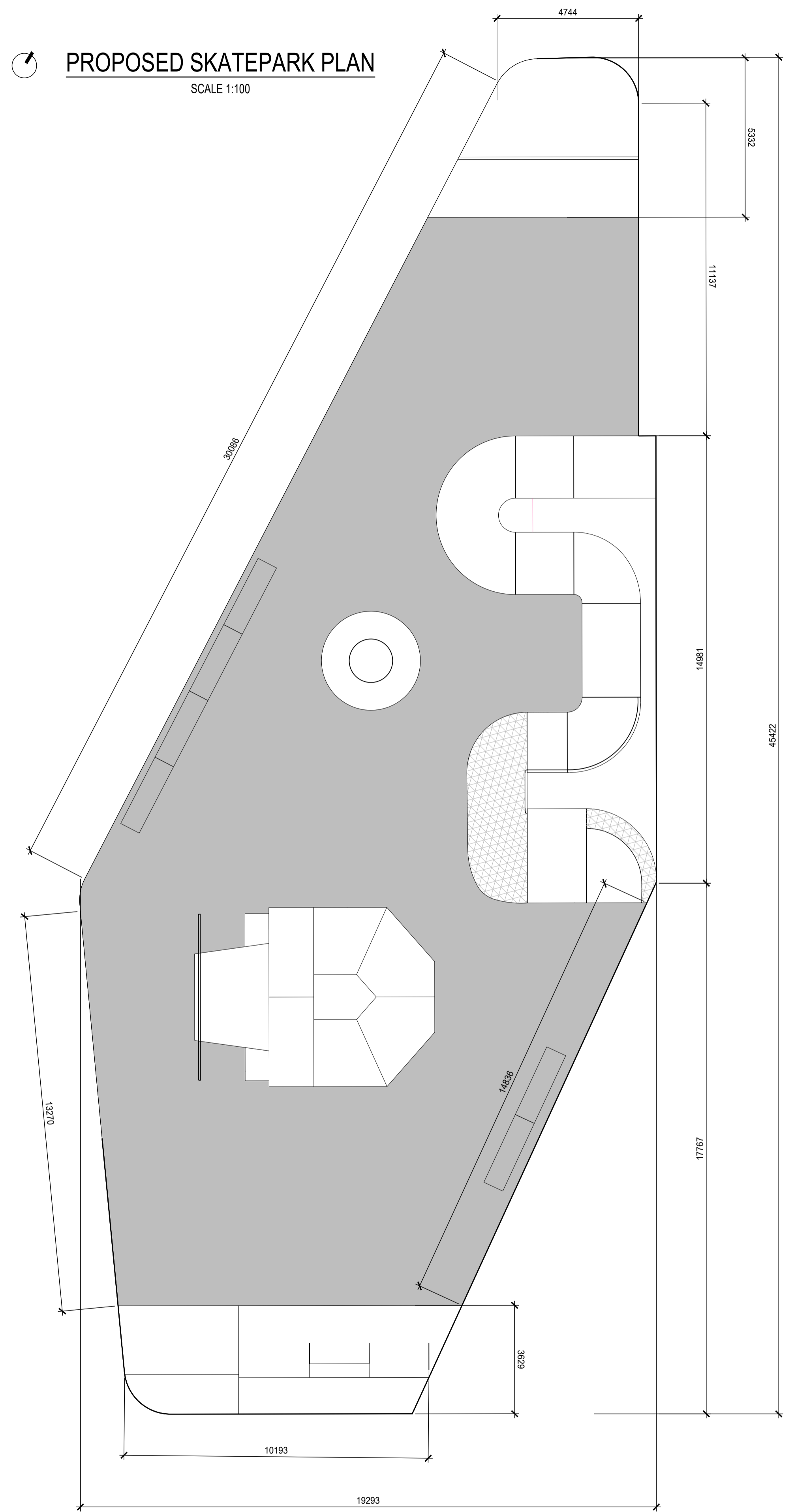
SCALE: AS NOTED

STATUS: PLANNING

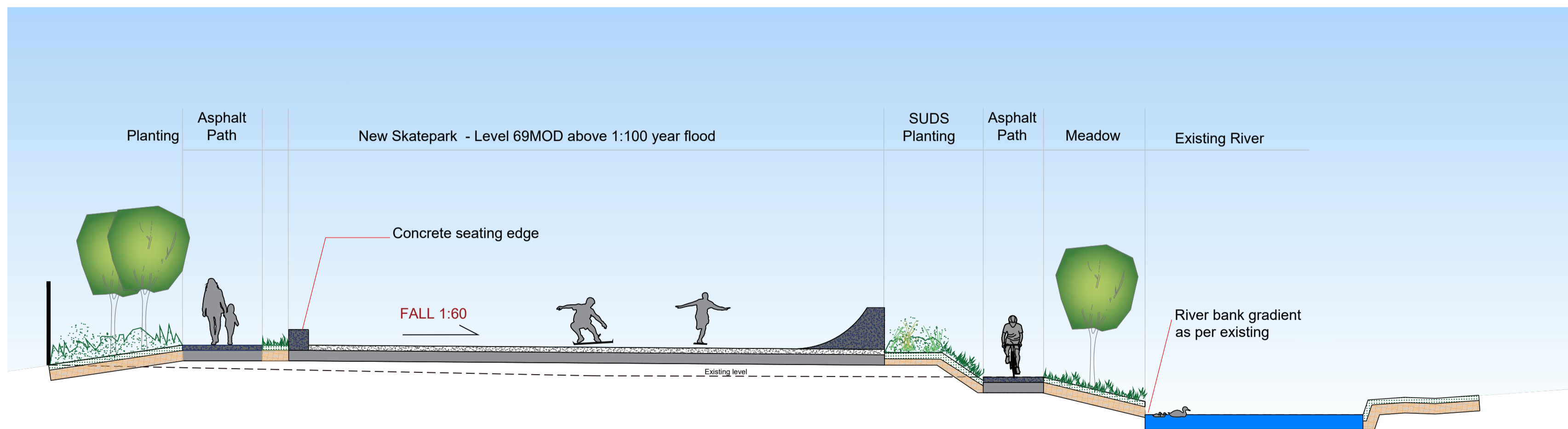
0011	P+U	TTP	E	P	007.0	R01
------	-----	-----	---	---	-------	-----



PROPOSED SKATEPARK PLAN
SCALE 1:100



PROPOSED SKATEPARK PLAN
SCALE 1:200



PROPOSED SECTION BB
SCALE 1:100

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

2 IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SUPERVISOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
3 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
4 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/24	PLANNING	GD	KH	KH
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-



tel: 052 6128966
fax: 052 6180690
email: info@place-u.ie
Anglesea House, Anglesea Street
Clonmel, Co. Tipperary

SCALE:
AS NOTED

STATUS:
PLANNING

CLIENT:
CARLOW COUNTY COUNCIL

PROJECT:
TULLOW TOWN PARK
TULLOW, Co. CARLOW

DRAWING TITLE:
PROPOSED SKATEPARK
DETAIL LAYOUT

NO.	REV.	DATE	BY	CHKD.	APPD.	NO.	REV.
0011	P+U	TTP	A	P	008.0	R01	



Key:

Category system (BS5837:2012 Trees in relation to construction)
The category system is intended to provide a rapid reference as to the particular tree(s) suitability for retention and can be defined as follows.

- **CATEGORY A TREES**
Trees of a high quality and value to be retained, these are particularly good examples of their species which also provide landscape value.
- **TREES SUGGESTED FOR REMOVAL DUE TO INTERFERENCE WITH DEVELOPMENT CONSTRUCTION**
- **SYCAMORE TREES TO BE REMOVED**
Trees of low ecological value to be removed to allow better views to the riverbank and allow light to encourage diverse marginal growth.
- **CATEGORY U TREES**
Trees of such condition that any existing value would be lost within 10 years and should be removed if marked as dangerous.
- **TREES OUTSIDE WORK BOUNDARY**
To be retained

TEMPORARY TREE PROTECTION FENCE

Design approach with respect to existing trees onsite.

On 24 November 2023 a tree survey of the existing Tullow Town Park Site was undertaken by RDA Surveys. This survey included a total of 271 trees. The condition of the trees onsite ranges from Poor – Good, with the majority in the Good category. A large variety of trees are present with many native or near native trees present. The height range of the recorded trees is from 3 to 17 meters.

The design approach and brief for the park aims to open up the park to more users with a desire to increase the passive security within the park. As such the design approach seek to remove those trees indicated as of poor condition for structural reasons and also to remove some trees where views into the park and hence passive surveillance can be increased.

This design approach includes three categories of trees for removal. These are indicated with the following colours:

Red - Bad condition trees (removal) **Total 3Nr trees**

Purple - Sycamore trees removal will increase the passive supervision within the park. **Total 29Nr trees**

Yellow - Remove trees due to new park layout. **Total 49 Trees**

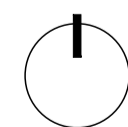
In order to open the park for visibility the Sycamore trees have been favoured for removal within the park. These invasive non-native trees are numerous and research shows that they support a more constrained habitat than the native trees. Removing the sycamore adjacent to the proposed pergola and gathering area will increase the passive supervision potential of this area.

In addition to those trees identified above for removal a further classification of trees has been selected for removal. These trees are principally native but are generally of a smaller size, in general in the height range of 4-8meters tall. Removal of these trees will also allow more views into the park. Much of these trees have been planted in recent years. In the south these trees conflict with the proposed design and their removal is therefore proposed.

Where trees have been described as riverbank in the accompanying tree report these trees are not proposed for removal due to the binding nature of the tree roots and the adjacent riverbank

General Notes:

- All works to be carried out in accordance with BS 3998:2010 Tree Work Recommendations by professional Tree Surgeons.
- Pruning to Ivy shall only occur where the tree is at risk of windthrow
- Any tree/hedge work especially cutting should be undertaken outside bird nesting season.
- All arising from the clearance works should be removed off site and disposed at an appropriate green waste facility or recycled for use on the project (woodchip mulch).
- Trees in confined spaces, or near to other trees or shrubs which are to be retained, should be carefully taken down in sections by a team using ropes, a crane or a hydraulic platform.
- After felling, the stumps should be cut off nearly as close to ground level as practicable.
- Where proposed path will be laid stumps to be grinded so that their tops will be at least 300mm below the final ground level.
- Stumps in the planting areas to be left in situ and untreated. New grow from the stump to be removed as it appears. New growth on a stump may be treated with a suitable translocated herbicide.
- **THE FOLLOWING MEASURES ARE PARTICULARLY IMPORTANT:**
 - A) Materials are never to be stacked within the root spread of the tree;
 - B) No oil, tar, bitumen, cement or other materials is to be allowed to contaminate the ground around each tree;
 - C) No fires shall be lit beneath or in close proximity to the tree canopy;
 - D) Trees to be retained should not be used as anchorages for equipment or for removing stumps, roots or other purposes;
 - E) No notices, telephone cables or other services shall be attached to any part of the tree;
 - F) Cement mixing should not be carried out within the canopy or in close proximity to the protected area of the tree;
 - G) Soil levels are to be maintained as existing within the root spread of the tree. Any alteration to the soil level must be agreed with the landscape architect.



TREE MANAGEMENT PLAN

SCALE 1:500

STANDARD INSTRUCTIONS

1 THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED);
NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECORDED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
2 THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
3 THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	26/03/24	PLANNING	GD	KH	KH
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



tel: 052 6128966
fax: 052 6180690
email: info@place-u.ie
Igliseo House, Angleseo Street
Clonmel, Co. Tipperary

SCALE: **AS NOTED**

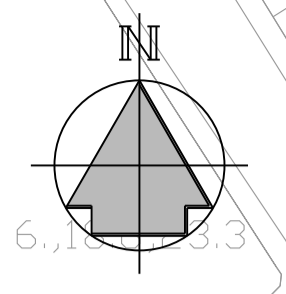
STATUS: **PLANNING**

CLIENT: **CARLOW COUNTY COUNCIL**

PROJECT: **TULLOW TOWN PARK
TULLOW, Co. CARLOW**

DRAWING TITLE: **TREE MANAGEMENT PLAN**

PROJECT	ORIGIN	LEVEL	DISC.	CATEGORY	NUMBER	REVISION
0011	P+U	TTP	E	P	009.0	R01



PROPOSED STORM DRAINAGE & SUDS LAYOUT

SCALE 1:500

GENERAL LEGEND:-

	DENOTES PROPOSED SITE BOUNDARY
0.000	DENOTES EXISTING LEVELS
	DENOTES PROPOSED LEVELS

DRAWING LEGEND:-

	DENOTES PROPOSED RAIN GARDEN
	DENOTES PROPOSED CONCRETE FOOTPATH
	DENOTES PROPOSED TARMAC SURFACE TO BASKETBALL COURT
	DENOTES PROPOSED CONCRETE SURFACING TO SKATE PARK
	DENOTES GRASSCRETE OR SIMILAR APPROVED
	DENOTES PROPOSED IRISH WATER OUTFALL STORM DRAIN & MANHOLE
	DENOTES PROPOSED STORM DRAIN & MANHOLE
	DENOTES PROPOSED ACO DRAIN
	DENOTES PROPOSED LAND DRAIN
	DENOTES PROPOSED OVERFLOW DRAIN WITH CONNECTION TO DRAINAGE SYSTEM
	DENOTES PROPOSED IRISH WATER COMBINED SEWER
	DENOTES PROPOSED IRISH WATER RISING MAIN
	DENOTES EXISTING COMBINED SEWER TO BE RETAINED FOR PARK DRAINAGE

STANDARD INSTRUCTIONS

1. THE MAIN CONTRACTOR, SUB-CONTRACTOR OR SUPPLIER SHALL:
 VERIFY ALL DIMENSIONS ON SITE AND IMMEDIATELY REPORT TO THE ARCHITECT ANY DISCREPANCIES ON THE DRAWINGS.
 WORK TO FIGURED DIMENSIONS ONLY (EXCEPT WHERE FULL SIZE DETAILS ARE PROVIDED).
 NOT VARY ANY WORK SHOWN ON THE DRAWINGS WITHOUT OBTAINING PRIOR APPROVAL FROM THE DESIGNER.
 BE RESPONSIBLE FOR REQUESTING FROM THE DESIGNER ANY ADDITIONAL INFORMATION REQUIRED.
 SUPPLY TO THE DESIGNER ALL SHOP DRAWINGS, ILLUSTRATIONS, SPECIFICATIONS, ETC. OF ALL SPECIALIST WORK TO BE INCORPORATED IN THE MAIN CONTRACT WORKS.

IMMEDIATELY INFORM THE DESIGNER IF ANY WORK SHOWN ON THIS DRAWING IS NOT IN ACCORDANCE WITH THE RELEVANT CODES OF PRACTICE RECOGNISED GOOD PRACTICE THROUGHOUT THE INDUSTRY AND DOES NOT COMPLY WITH THE RELEVANT LOCAL AUTHORITY BYE-LAWS OR BUILDING REGULATIONS.
 IMMEDIATELY ADVISE THE DESIGNER / QUANTITY SURVEYOR OF THE EFFECT UPON PROGRAMME AND COST OF ANY ALTERATIONS TO THE PROPOSED WORKS SHOWN ON THIS DRAWING.
 2. THIS DRAWING SUPERSEDES ALL PREVIOUS ISSUES OF THE SAME DRAWING NUMBER WITH EARLIER REVISIONS.
 3. THIS DRAWING IS COPYRIGHT TO PLACE + URBANISM LTD. AND THE CONTENTS MUST NOT BE DISCLOSED TO ANYONE WITHOUT PRIOR AGREEMENT.

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE.
 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS AND DRAWINGS.
 IN THE EVENT OF ANY DISCREPANCIES BETWEEN DRAWINGS THE CONTRACTOR IS TO INFORM THE DESIGNER IMMEDIATELY.
 DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 ALL WORK TO COMPLY WITH CURRENT BUILDING REGS & B.S.

REVISION REGISTER

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R01	-/-/-	PLANNING	MT	MJP	MJP
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-
-	-/-/-	-	-	-	-



SCALE: AS NOTED

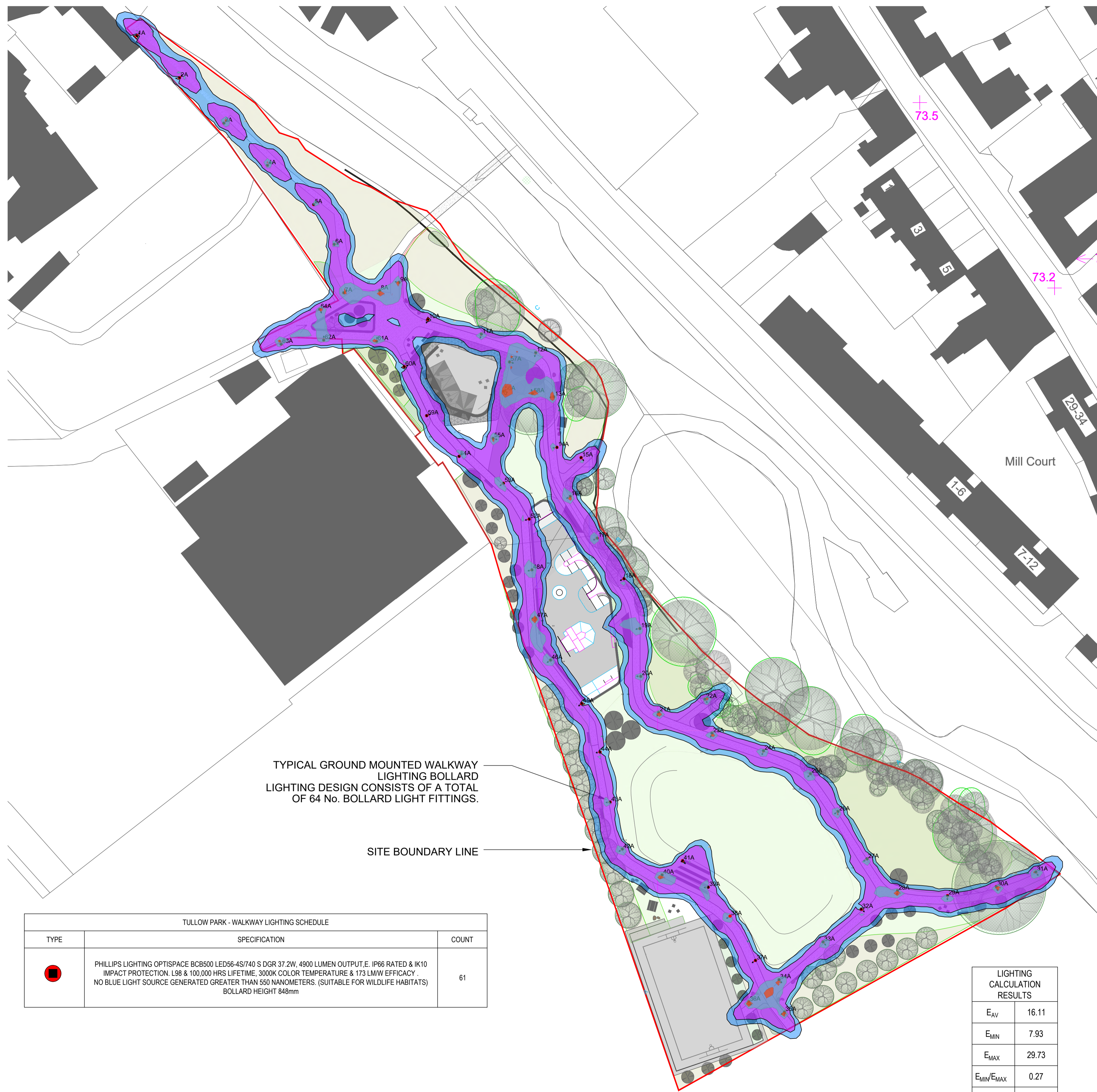
STATUS: PLANNING

CLIENT: CARLOW COUNTY COUNCIL

PROJECT: TULLOW TOWN PARK
TULLOW, Co. CARLOW

DRAWING TITLE: PROPOSED STORM DRAINAGE & SUDS LAYOUT

0011	P+U	TTP	E	P	010	R01
------	-----	-----	---	---	-----	-----



TYPICAL GROUND MOUNTED WALKWAY LIGHTING BOLLARD LIGHTING DESIGN CONSISTS OF A TOTAL OF 64 No. BOLLARD LIGHT FITTINGS.

SITE BOUNDARY LINE

TYPICAL BOLLARD TYPE LIGHT FITTING

General Information	
Lamp family code	LED56 (LED module 1600 lm)
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* As outdoor ambient temperature the luminaire might automatically dim down to protect components
Light source engine type	
Product family code	BCB500 (OPTISPACE BOLLARD)
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0°
Luminous flux	4300 lm
Standard tilt angle (offset)	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	173 lm/W
Color rendering index (CRI)	>=90
Light source color	340 neutral white

LIGHTING LEGEND

LIGHTING BOLLARD (61 No. FITTINGS)	
15 LUX CONTOUR BOUNDARY	
10 LUX CONTOUR BOUNDARY	
5 LUX CONTOUR BOUNDARY	
3 LUX CONTOUR BOUNDARY	

- ### SCHEDULE / NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 - DO NOT SCALE. THIS DRAWING IS REPRESENTATIVE ONLY.
 - THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS BY SITE MEASUREMENTS AND REFER ALL DISCREPANCIES TO THE ENGINEER FOR FURTHER ACTION.
 - THE ELECTRICAL CONTRACTOR **MUST VISIT AND SURVEY THE SITE** PRIOR TO SUBMITTING THEIR TENDER.
 - ALL CABLEING TO BE ARMoured XLPE/SWA COPPER CABLE IN DUCTING. ALL WIRING TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL RULES FOR ELECTRICAL INSTALLATIONS ET101
 - THE CONTRACTOR SHALL INCLUDE FOR THE SUPPLY AND INSTALLATION OF ALL LIGHTING COLUMNS AND FITTINGS CW CONTROL GEAR. ALL COLUMNS TO BE EARTHED.
 - THE CONTRACTOR SHALL ENSURE ALL PRECAUTIONS ARE TAKEN AROUND OVERHEAD ESB LINES AS PER ESB CODE OF PRACTICE FOR SAFETY.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE FOR ALL ASSOCIATED SCOFFOLDING, PLATFORMS, LADDERS, TOOLS, TACKLE, HOISTS AND MACHINERY ETC. THAT IS REQUIRED FOR THE PROPER AND SAFE EXECUTION OF THE WORKS. CONTRACTOR MUST INCLUDE FOR ALL CONTAINMENT, WIRING ETC AS REQUIRED TO EXECUTE THE PROPOSED WORKS AS INDICATED ON ASSOCIATED DRAWINGS.
 - CO-ORDINATION OF THE ELECTRICAL SERVICES WITH OTHER SERVICES TO BE AGREED ON SITE PRIOR TO INSTALLATION. ADDITIONAL COSTS DUE TO LACK OF CO-ORDINATION WILL NOT BE ENTERTAINED. MAIN BUILDING CONTRACTOR IS LEAD COORDINATOR.
 - THE MAIN CONTRACTOR SHALL INCLUDE FOR SURVEYING THE EXISTING SITE FOR EXISTING SERVICES PRIOR TO UNDERTAKING ANY SITE WORKS. IT IS HIGHLY RECOMMENDED A SITE SURVEY BE UNDERTAKEN BY THE ELECTRICAL CONTRACTOR PRIOR TO COMMENCING WORKS ON SITE AND SUBMITTING THEIR TENDER PRICE.
 - ALL SUB CONTRACTORS TO LIAISE WITH MAIN BUILDING CONTRACTOR REGARDING CIVIL WORKS FOR SERVICES DUCTING REQUIREMENTS.
 - THE CONTRACTOR SHALL ALLOW FOR ALL SETTING OUT AND INSTALLATION AROUND OBSTRUCTIONS.
 - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MARKING ALL ASSOCIATED BUILDERS WORKS FOR THE MAIN CONTRACTOR. MAIN BUILDING CONTRACTOR IS RESPONSIBLE FOR ALL BUILDERS WORKS AND MAKING GOOD ALL SURFACES ASSOCIATED WITH EXTERNAL LIGHTING INSTALLATION.
 - ALL EXTERNAL LIGHTING TO BE PHOTOCCELL AND TIMECLOCK CONTROLLED
 - LIGHTING LEVELS SHOULD BE IN ACCORDANCE WITH BS 5489-1:2013 CODE OF PRACTICE FOR THE DESIGN OF ROAD LIGHTING, BS EN 13201-2:2015 ROAD LIGHTING & CIBSE LIGHTING GUIDE 6 EXTERIOR ENVIRONMENT
 - THE ELECTRICAL CONTRACTOR WILL HAVE TO PRODUCE A SAMPLE OF ALL LIGHT FITTINGS FOR CLIENT APPROVAL.
 - EXACT LOCATIONS OF LIGHT FITTINGS TO BE AGREED WITH ENGINEER ON SITE.
 - ALL ELECTRICAL SERVICES TO BE SERVED FROM EXISTING MICRO PILLARS LOCATED AT HARPUSS LANE. ALL POWER TO LIGHTING CIRCUITS MUST BE FED VIA A DEDICATED LIGHTING MINI-PILLAR. ELECTRICAL CONTRACTOR TO INCLUDE FOR ALL MODIFICATION TO THE EXISTING MINI PILLARS.
 - THE ELECTRICAL CONTRACTOR SHALL INCLUDE FOR ALL CONTROL WIRING AS REQUIRED AND MUST PROVIDE EVIDENCE OF CORRECT COMMISSIONING OF SAME AS PER MANUFACTURERS GUIDELINES.
 - THE CONTRACTOR SHALL INCLUDE FOR THE LABELLING OF ALL ELECTRICAL SERVICES & PROVIDE ADEQUATE TRAINING FOR THE END USERS OF THE LIGHTING SYSTEM.
 - DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS
 - ALL LIGHT FITTINGS MUST BE APPROVED TRIPLE E REGISTERED ON THE SEA/ TRIPLE E REGISTER FOR PRODUCTS APPROVED AS BEING ENERGY EFFICIENT AND BEST IN CLASS.
 - THE ELECTRICAL CONTRACTOR MUST PROVIDE CE MARK AND DECLARATION OF PERFORMANCE (DoP) CERTIFICATION FOR ALL INSTALLED AND SPECIFIED FITTINGS AS PER CURRENT BUILDING REGULATIONS.
 - SHOULD ANY DISCREPANCIES BE APPARENT IN THIS DRAWING, THE ENGINEER SHOULD BE MADE AWARE OF THIS FOR FURTHER ACTION.
 - ALL CONSTRUCTION WORKS, INCLUDING THE FORMATION OF CONCRETE BASES, TO BE CARRIED OUT IN FULL ACCORDANCE WITH ESB NETWORKS STANDARDS FOR ELECTRICAL SERVICES (HOUSING SCHEMES), JANUARY 2014.
 - ESB NETWORKS WILL SPECIFY THE LOCATION OF EACH MINI-PILLAR ON THE SITE LAYOUT PLAN AND PROVIDE MINI-PILLARS, AND MINI-PILLAR EARTHING MATERIALS.
 - ESB NETWORKS APPROVED PRE-FABRICATED AND PRE-CAST MINI-PILLAR VAULTS TO BE OBTAINED FROM APPROVED SUPPLIERS AS LISTED ON THE ESB NETWORKS WEB SITE.
 - MINI-PILLAR VAULTS ARE TO BE BEDDED SECURELY. SERVICE DUCTS ARE TO BE TERMINATED ABOVE THE MAINS LV DUCTING. THE MAINS LV DUCTS ARE TO BE TERMINATED INTO VAULTS USING 22° BENDS AS AGREED BEFORE HAND, WITH ESB NETWORKS.
 - SPECIFIC DUCTING REQUIREMENTS AT MINI-PILLAR VAULTS FOR MAINS CABLE DUCTS:
 - INSTALL AN ESB NETWORKS APPROVED 125mm, 22.5° BEND ON EACH MAINS CABLE DUCT ON ENTRY OF DUCT TO A MINI-PILLAR VAULT.
 - INSTALL EACH BEND AT AN UPWARD ANGLE TO ASSIST WITH CABLE PULLING. EACH BEND SHOULD BE CUT FLUSH WITH INTERNAL WALL OF VAULT.
 - INSTALL MAINS CABLE DUCTS THROUGH THE SIDE FACES OF THE MINI-PILLAR VAULT ONLY.
 - SPECIFIC DUCTING REQUIREMENTS AT MINI-PILLAR VAULTS FOR SERVICE CABLE DUCTS:
 - INSTALL SERVICE CABLE DUCTS AT SAME LEVEL (600mm) OR BELOW LEVEL OF MAINS CABLE DUCTS.
 - INSTALL SERVICE CABLE DUCTS THROUGH THE SIDE FACES OF THE MINI-PILLAR VAULT IN THE CLOSEST KNOCK OUT / OPENINGS TO THE MINI-PILLAR.
 - TO ENSURE PUBLIC SAFETY AND FOR SAFE OPERATION OF THE ELECTRICAL NETWORK IT IS A REQUIREMENT THAT AN EARTH IS INSTALLED AT EACH MINI-PILLAR LOCATION TO ENSURE SAFE OPERATION OF THE ELECTRICAL SUPPLY SYSTEM. ESB NETWORKS WILL PROVIDE ALL NECESSARY EARTHING MATERIALS. THE ELECTRICAL CONTRACTOR IS REQUIRED TO:
 - FOLLOWING EARTH INSTALLATION BY ESB NETWORKS, COVER THE EARTH CONDUCTOR WITH A LAYER OF FINE TOPSOIL / CLAY AND THE TRENCH, AND THEN REINSTATE THE TRENCH.
 - PROVIDE ESB NETWORKS WITH PHOTOGRAPHIC EVIDENCE THAT THE MINI-PILLAR EARTHS HAVE BEEN INSTALLED AS PER ESB NETWORKS SPECIFICATION.
 - THERE SHOULD BE A SEPARATION OF AT LEAST 2m BETWEEN ESB NETWORKS' MINI-PILLAR AND THE PUBLIC LIGHTING SYSTEM MICRO-PILLAR, PUBLIC LIGHTING COLUMN OR ANY OTHER PRIVATE MICRO PILLAR.
 - ENSURE THAT MINI-PILLAR 'GROUND LEVEL' MARKINGS ARE PROPERLY ALIGNED WITH THE FINISHED GROUND LEVEL SURFACE AND VISIBLE FOR INSPECTION. ENSURE THAT ALL MINI-PILLARS AND PLASTIC VAULTS ARE ADEQUATELY SECURED AGAINST MOVEMENT IN ANY DIRECTION INCLUDING TIPPING BACKWARDS INTO HOUSEHOLDERS' PROPERTIES. USING 15N CONCRETE SURROUND

TULLOW PARK - WALKWAY LIGHTING SCHEDULE

TYPE	SPECIFICATION	COUNT
	PHILLIPS LIGHTING OPTISPACE BCB500 LED56-4S/740 S DGR 37.2W, 4900 LUMEN OUTPUT E, IP66 RATED & IK10 IMPACT PROTECTION, L98 & 100,000 HRS LIFETIME, 3000K COLOR TEMPERATURE & 173 LM/W EFFICACY. NO BLUE LIGHT SOURCE GENERATED GREATER THAN 550 NANOMETERS, (SUITABLE FOR WILDLIFE HABITATS) BOLLARD HEIGHT 848mm	61

LIGHTING CALCULATION RESULTS

E _{AV}	16.11
E _{MIN}	7.93
E _{MAX}	29.73
E _{MIN} /E _{MAX}	0.27
E _{MIN} /E _{AV}	0.49

1 PROPOSED SITE WALKWAY LIGHTING LAYOUT
1:500 @ A1

A	ISSUED FOR INFORMATION	JH	JH	JH	25.03.24
REV	DESCRIPTION	DRN	ENG	APP	DATE

EnerJ BUILDING SERVICES ENGINEERING AND BUILDING PERFORMANCE
 T +353 86 028 6302 E johnhayes@enerj.ie
 T +353 87 933 9298 E johnhasset@enerj.ie

PROJECT
TULLOW TOWN PARK
TULLOW CO. CARLOW

CLIENT
CARLOW COUNTY COUNCIL

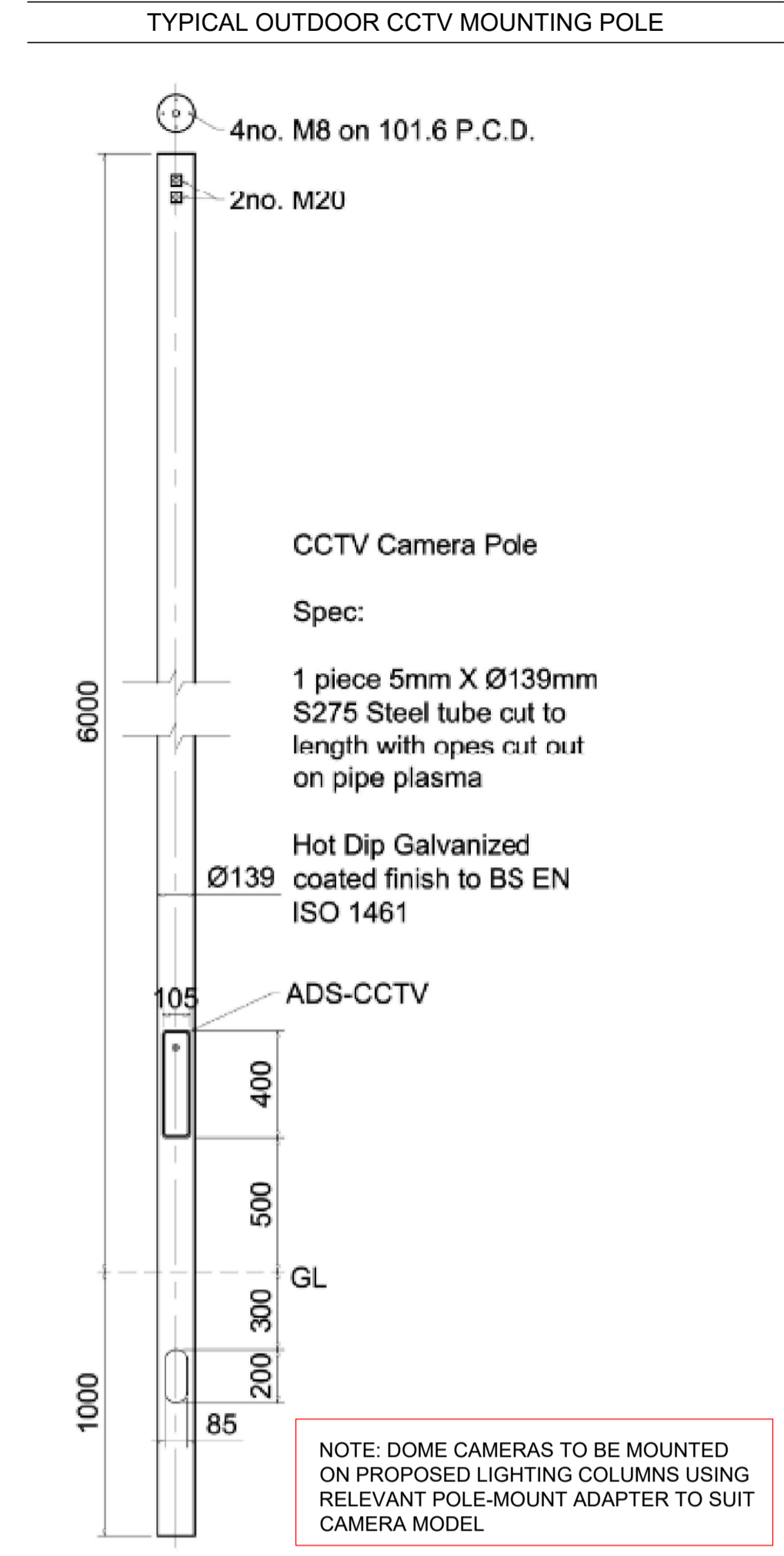
CARLOW
COUNTY COUNCIL
CONSERVING HERITAGE CREATING FUTURE

DRAWING TITLE
TULLOW TOWN PARK
PROPOSED WALKWAY LIGHTING LAYOUT

SCALE	SHEET SIZE	PROJECT No.	DRAWING No.	REV.
1:500	A1	24-014	E-100	A



TULLOW PARK - WALKWAY LIGHTING SCHEDULE		
TYPE	SPECIFICATION	COUNT
	HIKVISION DS-2DE4215IW-DE 4-INCH 2 MP 15X POWERED BY DARKFIGHTER IR NETWORK SPEED DOME HIGH QUALITY IMAGING WITH 2 MP RESOLUTION CLEAR IMAGING AGAINST STRONG BACK LIGHTING DUE TO DWDR TECHNOLOGY EXCELLENT LOW-LIGHT PERFORMANCE VIA POWERED-BY-DARKFIGHTER TECHNOLOGY PAN AND TILT ABILITY ENABLES CAMERA TO MONITOR ZONES OF INTEREST 15X OPTICAL ZOOM ALLOWS FOR CLOSER VIEWING OF SUBJECTS IN EXPANSIVE AREAS WATER AND DUST RESISTANT (IP66) OR EQUIVALENT	3



SCHEDULE / NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- DO NOT SCALE. THIS DRAWING IS REPRESENTATIVE ONLY.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS BY SITE MEASUREMENTS AND REFER ALL DISCREPANCIES TO THE ENGINEER FOR FURTHER ACTION.
- THE ELECTRICAL CONTRACTOR IS TO:
- SUPPLY, INSTALL & COMMISSION A CCTV SYSTEM
CCTV NETWORK TO BE INSTALLED C/W 3 NO. CCTV CAMERAS POWERED VIA POE.
A MONITORING STATION SHALL BE PROVIDED IN A LOCATION YET TO BE DETERMINED.
- CO-ORDINATION OF THE ELECTRICAL SERVICES WITH OTHER SERVICES TO BE AGREED ON SITE PRIOR TO INSTALLATION. ADDITIONAL COSTS DUE TO LACK OF CO-ORDINATION WILL NOT BE ENTERTAINED. THE ELECTRICAL CONTRACTOR IS TO CO-ORDINATE WITH MECHANICAL & BUILDING CONTRACTORS.
- THE CONTRACTOR SHALL ALLOW FOR ALL SETTING OUT AND INSTALLATION AROUND OBSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING OUT BUILDERS WORKS, OPES ETC.
- THE CONTRACTOR SHALL INCLUDE FOR ALL NECESSARY ACCESSORIES WITH FITTING ALL BASES
- THE CONTRACTOR SHALL INCLUDE FOR THE COMMISSIONING & CERTIFICATION OF THE ABOVE LISTED SYSTEMS.
- SHOULD ANY DISCREPANCIES BE APPARENT ON THIS DRAWING, THE ENGINEER SHOULD BE MADE AWARE OF THIS FOR FURTHER ACTION.
- CONTAINMENT AND CABLE SUPPORT TO BE COMPLIANT WITH I.S. 3218:2013 & E.N. 50085 CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS. CABLE MANAGEMENT TO COMPLY WITH E.N. 50086 SPECIFICATION FOR CONDUIT SYSTEMS. CABLE SUPPORTS MUST BE NON COMBUSTIBLE AND SHOULD WITHSTAND A SIMILAR TEMPERATURE AND DURATION TO THAT OF THE CABLE, WHILE MAINTAINING ADEQUATE SUPPORT.
- ALL CONTAINMENT CORNERS, WHETHER INTERNAL, EXTERNAL, RIGHT HAND ETC. MUST BE MADE USING MANUFACTURED PRODUCTS, AS SUPPLIED BY THE MANUFACTURER OF THE TRUNKING SECTIONS.

CCTV LEGEND

360° DOME CCTV CAMERA

TYPICAL OUTDOOR CCTV CAMERA



HIKVISION DS-2DE4215IW-DE

Camera	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005Lux @ (F1.6, AGC ON); 0.001Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/1 s to 1/30000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	15x optical, 16x digital
Max. Resolution	2560 x 1440
Lens	
Focus	Auto, semi-auto, manual
Focal Length	5 mm to 75 mm
Zoom Speed	Approx. 2.3 s
FOV	Horizontal field of view: 55° to 4° (wide-tele), Vertical field of view: 33° to 2.2° (wide-tele), Diagonal field of view: 61.5° to 4.6° (wide-tele)
Aperture	Max. F1.6
Illuminator	
Supplement Light Type	IR
Supplement Light Range	IR Distance: up to 100 m
PTZ	
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed	Pan speed: configurable from 0.1° to 80°/s; preset speed: 80°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 80°/s; preset speed 80°/s
Proportional Pan	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans
Power-off Memory	Yes
Park Action	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes

REV	DESCRIPTION	DRN	ENG	APP	DATE
A	ISSUED FOR INFORMATION	JH	JH	JH	25.03.24

EnerJ BUILDING SERVICES ENGINEERING AND BUILDING PERFORMANCE

T +353 86 028 6302 E johnhayes@enerjie
T +353 87 933 9298 E johnhasset@enerjie

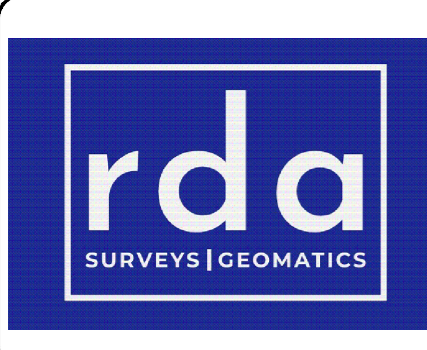
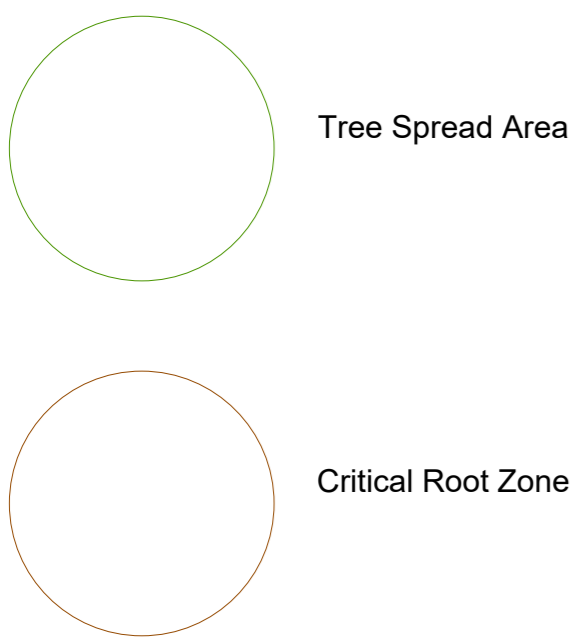
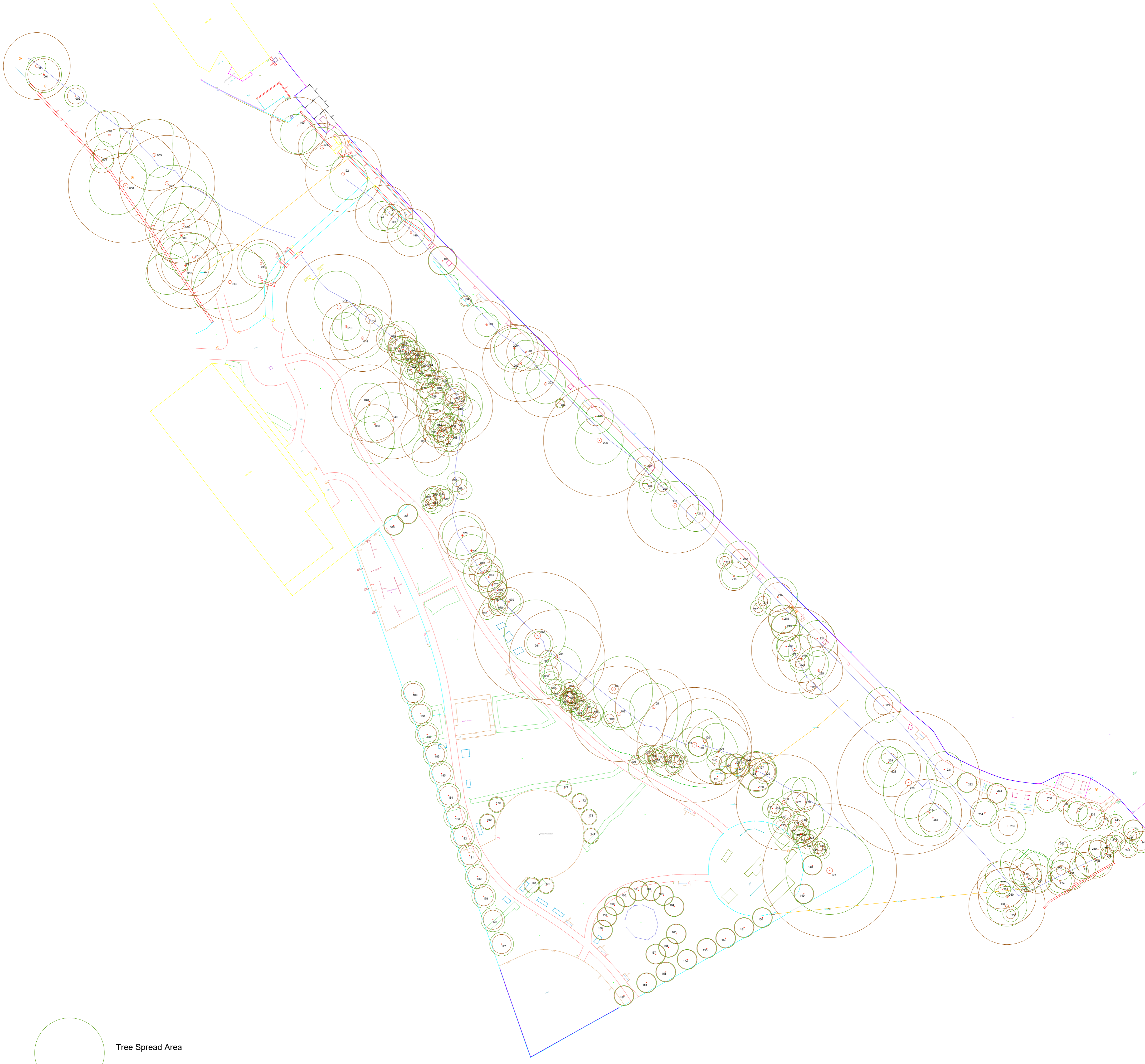
PROJECT
TULLOW TOWN PARK
TULLOW CO. CARLOW

CLIENT
CARLOW COUNTY COUNCIL



DRAWING TITLE
TULLOW TOWN PARK
PROPOSED WALKWAY CCTV LAYOUT

SCALE	SHEET SIZE	PROJECT No.	DRAWING No.	REV.
1:500	A1	24-014	E-200	A



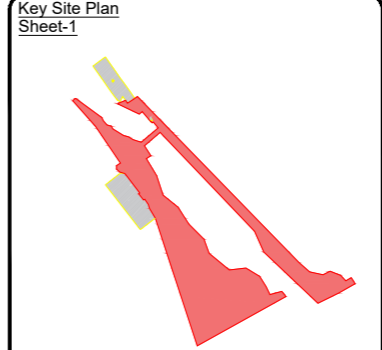
Office 07
 KETC
 Kells Business Park
 Co. Meath

- 3D Laser Scanning
- Point Cloud Processing
- Topographic Surveys
- Measured Building Surveys
- Utility Surveys (GPR)
- Setting Out
- Land Registry Mapping

Phone: +353 46 9072956
 Email: info@rdasurveys.ie

LEGEND

Impervious drainage cover	Vegetation Line	Gas Pipe	Head Tool	Step	100mm Joystick Pipe
Asphalt Drive	Boundary Wall	Electric Mains	Electric Cable	Gravel	
Block of Wall	Earth Road	Gas Taps	Hand Line	Stone Aggregate	
Brickwork	Carpet	Electric Road	Hand Sign	Stone Pathway	
Cliff	Gate Stipe	Drainage	Hand Convective	Tramp	
Electric Seat	EV Charger	Drain	Hand	Table	
Site	Hand Light	Drainage	Hand Platform	Tram	
Concrete	Impervious Cover Unknown	Measurement Point	Hand Control	Truck	
Drain	Impervious Cover	Hand Gate Post	Hand of Stone	Truck to Stone	
Control	Box of Kerb In	Hand	Hand of Stone	Truck Light	
Drainage	Top of Kerb In	Hand	Hand of Stone	Truck	
Drain Box	Street Bed Box	Hand	Hand of Stone	Truck	
Drain	Hand Rail	Hand	Hand of Stone	Truck	
Drain	Gate	Hand	Hand of Stone	Truck	
Drain	Front Bridge	Hand	Hand of Stone	Truck	



© Copyright 2022 RDA Contracts Ltd

Surveyed by: GHCK Date: 14-11-2023
 Drawn by: MA Date: 16-11-2023
 Checked by: GH Date: 24-11-2023

No.	Date	Description
A	19-12-23	Tree locations and details added

Client : Carlow County Council

Project : Tullow Town Park, Tullow, Co. Carlow

Date : 24/11/2023 Scale : 1:500 - A1

Description : Tree Spread and Root zone

Drawing Number : RDA_2023_TSP_003_Rev A