

Twickenham Riverside Landscape Supporting Technical Drawings



X:\005189FL_TWICKENHAM_RIVERSIDE\DWG\6975_100_210720.DWG



- KEY**
- PLANNING APPLICATION BOUNDARY
 - EXISTING LEVELS
 - PROPOSED LEVELS
- HARDWORKS**
- PAVING TYPE 01 - MEDIUM SIZED MODULES OF NATURAL STONE TO FOOTWAYS
 - PAVING TYPE 02 - SMALL SIZED NATURAL STONE TO SHARED SURFACES
 - PAVING TYPE 03 - LARGE SIZED NATURAL STONE TO SQUARE
 - PAVING TYPE 04 - IN-SITU EXPOSED AGGREGATE CONCRETE PAVING
 - PAVING TYPE 05 - SELF BINDING GRAVEL
 - PAVING TYPE 06 - SAND
 - PAVING TYPE 07 - TACTILE PAVING
 - PAVING TYPE 08 - TARMAC
 - PAVING TYPE 09 - LIGHT WEIGHT SLIP RESISTANT DECKING TO TOP OF BOAT HOUSE
 - RETAINING WALL
 - BALUSTRADE
 - EDGE TYPE 01 - LOW RAISED ENGINEERING BRICK EDGE TO MATCH EXISTING ON PROMENADE (HEIGHT TO MATCH EXISTING - TBC 150MM APPROX)
 - EDGE TYPE 02 - FLUSH ENGINEERING BRICK EDGE TO MATCH EXISTING ON PROMENADE
 - EDGE TYPE 03 - RAISED KERB TO ROAD
 - BRICK WALL TYPE 01 - RAISED BRICK WALL WITH ENGINEERING BRICK COPING TO MATCH EXISTING. 500MM HIGH TO SERVICE ROAD PLANTER
 - BOAT HOUSE - BRICK WALL TO MATCH ADJACENT PLANTER ROOF & GREEN ROOF
 - PLANTED TERRACES - TIMBER EDGE, EUROPEAN OAK SLEEPER; 200MM X 100MM VERTICAL SLATS; PREFIXED TO SUPPORT FRAME; FINISH NATURAL
 - CYCLE STAND; SHEFFIELD CYCLE STAND 750MM X 900MM BY MARSHALL'S OR EQUAL AND APPROVED
- SOFTWORKS**
- HERBACEOUS PLANTING
 - RAIN GARDENS
 - LAWN
 - EXISTING TREES
 - EXISTING TREES RELOCATED
 - PROPOSED TREES
 - EXISTING LONDON PLANE TREES RELOCATED
 - PROPOSED FLOATING HABITAT
 - CLIMBERS ON TRELLIS SYSTEM
 - EXISTING TREES RPA
- Other Symbols:**
- BINS PROPOSED TO MATCH EXISTING
 - METAL EDGE AND SELF BINDING GRAVEL TO TREE SURROUNDS IN HARD STANDING
 - SEATING TERRACES; EUROPEAN OAK SLEEPER; 200MM X 100MM VERTICAL SLATS; PREFIXED TO SUPPORT FRAME; FINISH NATURAL
 - STEPS & ASSOCIATED HANDRAILS, REFER TO LDA DRAWING
 - CHESS TABLE AND CHAIRS, SUPPLIER TBC
 - BENCHES - ROUGH AND READY, ACQ/YA WOOD, VIRGIN, POWDER COATED BASE TO RAL TBC BY STREET LIFE OR EQUAL AND APPROVED
 - PLAY EQUIPMENT
 - EXISTING LAMPPOSTS (LP), GULLEYS (GG), SIGNS (SI), FEEDER PILLARS (FP) & MANHOLES (MH)
 - PROPOSED POWER
 - PROPOSED WATER FOUNTAIN
 - PROPOSED MULTI DIRECTIONAL LIGHT POSTS
 - PROPOSED LED STRIP LIGHTING TO BENCHES AND HANDRAILS

A Planning Issue
 REV. DESCRIPTION
 APP. DATE

LDADesign

PROJECT TITLE
 TWICKENHAM RIVERSIDE

DRAWING TITLE
 General Arrangement Plan

ISSUED BY London T: 020 7467 1470
 DATE JULY 2021 DRAWN ER
 SCALE: 1:250 CHECKED TW
 STATUS Planning APPROVED AH

DWG. NO 6975_100

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 Sources: Ordnance Survey

Draft for Review
 Areas to be included in automatic Irrigation System :
 Planting : hatched with drip line
 Lawn : hatched with sub surface drip line
 Trees : tree drip necklace
 In development :
 Location of solenoid valve chambers and watering zones, pipework routes.

Irrigation Cat 5 Booster Set & Controller located in plant room
MCWS & Mains Power Supply required

NOTES:
 Ducting Requirements
 > Ducts to be provided by others.
 > Ducts to be minimum 100mm with draw cord. No flexi duct
 > No sharp bends
 > Ducts must be able to accommodate the irrigation pipework, which is rigid
 > Warning tape will be issued for installation by the landscape contractor above the crown of the pipe, halfway between top of pipe and finished level.
 > Drip line **MUST** be laid prior to mulch layer being applied
 > Solenoid valves are shown **LARGER THAN ACTUAL SIZE** and will be grouped together as noted on the drawing.

Solenoid Valve. Maybe shown separately but groups of valves are installed in single chambers as per notes on drawing
 Reference letter and number by each valve denote valve type and number. ie L for Lawns, S, for Shrubs, T for trees and H for Hedges

- LEGEND:**
- 40mm Green Striped MDPE Mainline Pipework with irrigation low voltage signal cable
 - 32mm Green Striped MDPE Mainline Pipework with irrigation low voltage signal cable
 - 25mm Green Striped MDPE Mainline Pipework with irrigation low voltage signal cable
 - Mainline Isolation Valve Assembly
 - Mainline Air Release Valve Assembly
 - Mainline Flushing Valve Assembly
 - Hose Point
 - Single Solenoid Valve Assembly (See notes above for details)
 - 32mm Green Striped MDPE Lateral Pipework - Lawn
 - 25mm Green Striped MDPE Lateral Pipework - Lawn
 - 25mm Green Striped MDPE Lateral Pipework - Trees
 - 25mm Green Striped MDPE Lateral Pipework - Hedge
 - 25mm Green Striped MDPE Lateral Pipework - Shrub
 - Rain Bird Xert Bug Tree Drip Necklaces - Trees
 - Netafim Techline Dripline - 300mm Spacing - Shrub
 - Netafim Techline Dripline - 300mm Spacing - Hedge
 - Netafim Techline Dripline - 300mm Spacing - Drip Subsurface
 - Irrigation Pumpstation Location
 - Water Termination Point

Revision	Details	Prep	Chk.	App.	Date	Rev
1	First Issue	IB	RO	RO	12/06/2020	00

Job Title:
Twickenham Riverside

Drawing Title:
**Irrigation System :
 Areas to be Irrigated Automatically**

Scale at A1: 1:100

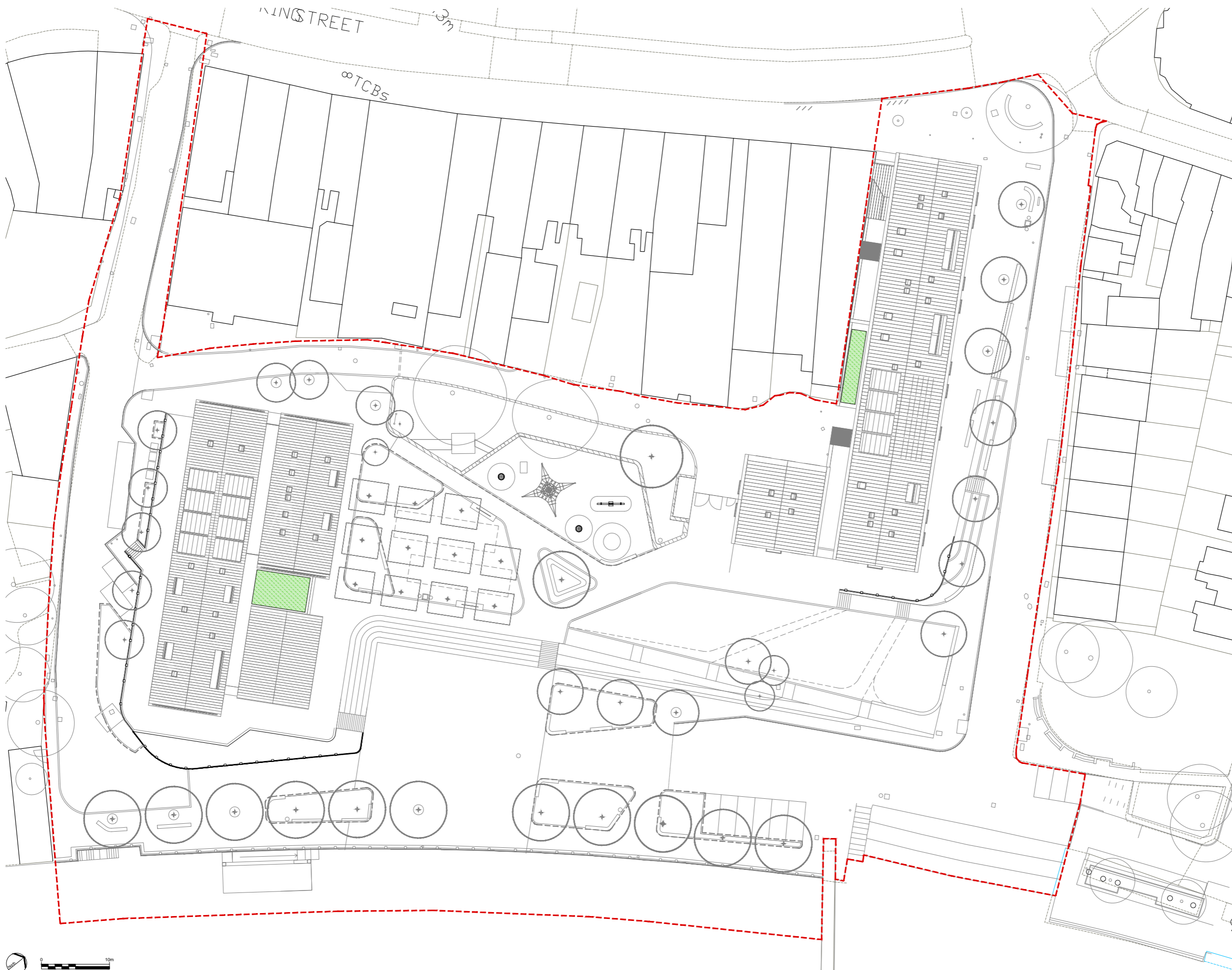
Client:
**LDA for
 Richmond &
 Wandsworth Council**

Client:
waterwise solutions
 20 Hanover Road, Coxheath
 Maidstone, ME17 4QQ
 Tel: 01352 753812

Drawn	Designed	Date	Checked	Approved	Sheet	Drawing Status	Comment
IB	IB	06/07/2021	RO	IB	1/1		

Drawing Number: WWS-J2132-DWG-001
 Revision: 00

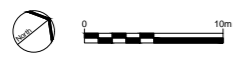
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 Richard Owen
 06/07/2021 12:48:40



LEGEND

KEY

- PLANNING APPLICATION BOUNDARY
- GREEN ROOF



REV.	DESCRIPTION	APP. DATE
A	Planning Issue	29/07/21

LDADesign

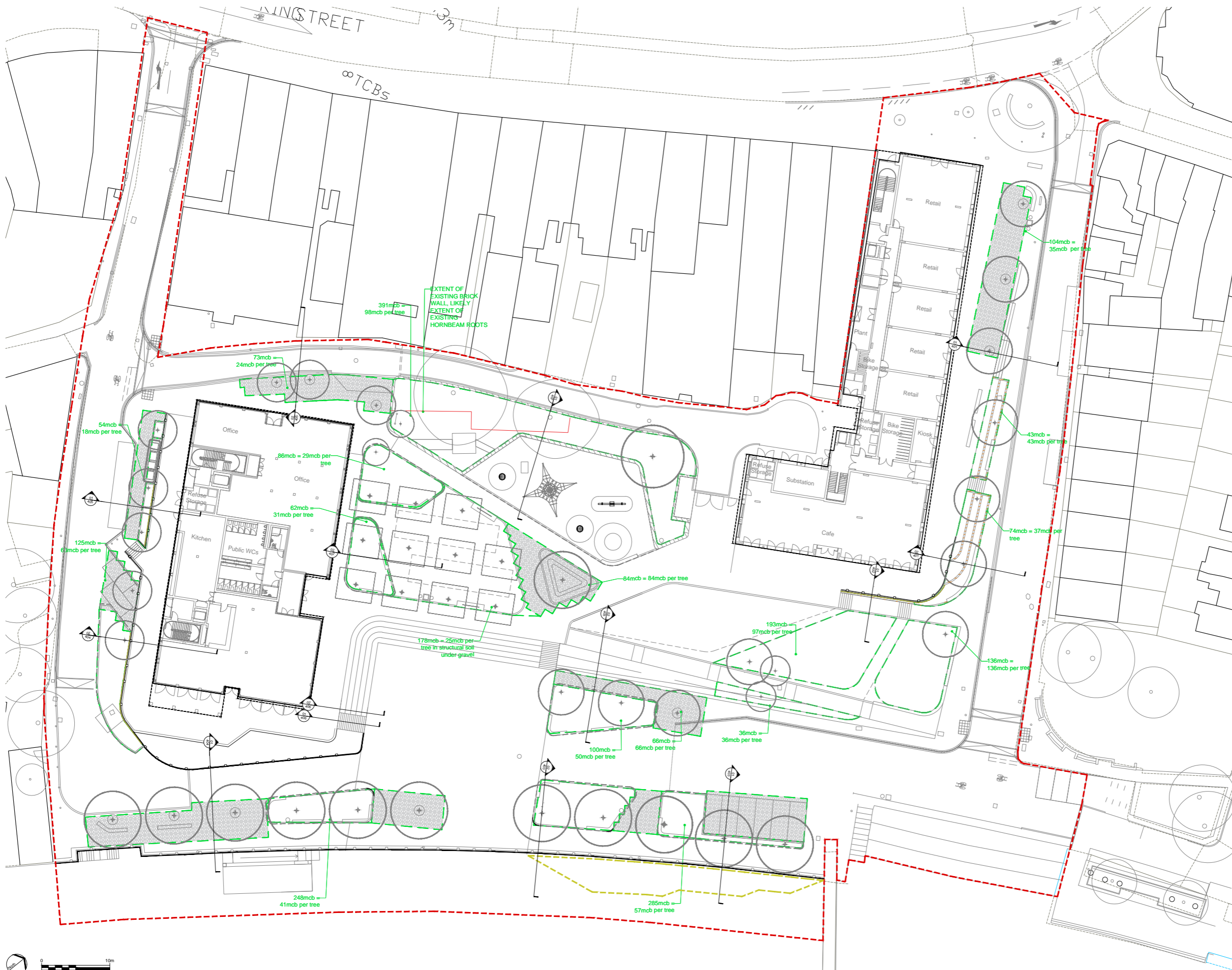
PROJECT TITLE
TWICKENHAM RIVERSIDE

DRAWING TITLE
General Arrangement Roof

ISSUED BY	London	T. 020 7467 1470
DATE	JULY 2021	DRAWN ER
SCALE	A1 1:250	CHECKED TW
STATUS	Planning	APPROVED AH

DWG. NO 6975_102

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- LEGEND
- KEY
- PLANNING APPLICATION BOUNDARY
 - EXISTING TREES
 - EXISTING TREES RELOCATED
 - PROPOSED TREES
 - EXISTING LONDON PLANE TREES RELOCATED
 - EXISTING TREES RPA
 - TREE PIT EXTENTS & SOIL VOLUME
 - SILVACELLS BY DEEPROOT OR EQUAL AND APPROVED
 - GREEN ROOF

NOTE:
THE SOIL VOLUMES FOR THE TREES ON THE PLAN HAS BEEN BASED ON THE FOLLOWING ASSUMPTIONS:

WHERE TREES ARE PLANTED IN OPEN PLANTING BEDS, HAVE ASSUMED 1.2M DEPTH SOIL.

WHERE TREES ARE PLANTED WITHIN PAVED AREA HAVE ASSUMED USE OF SILVACELL PRODUCT THAT IS 1.02M DEPTH WITH 93% EFFICIENCY (TREE PIT DETAIL AND PRODUCT TO BE REVIEWED FOLLOWING INVESTIGATION INTO FAILURE OF EXISTING PIN OAKS ALONG RIVERSIDE).

WHERE TREES ARE PLANTED WITHIN BREEDON GRAVEL / PETANANQUE AREA ASSUMED STRUCTURAL SOIL OF 1.2M DEPTH WITH 50% EFFICIENCY.

REV.	DESCRIPTION	APP. DATE
A	Planning Issue	27/07/21

LD A DESIGN

PROJECT TITLE
TWICKENHAM RIVERSIDE

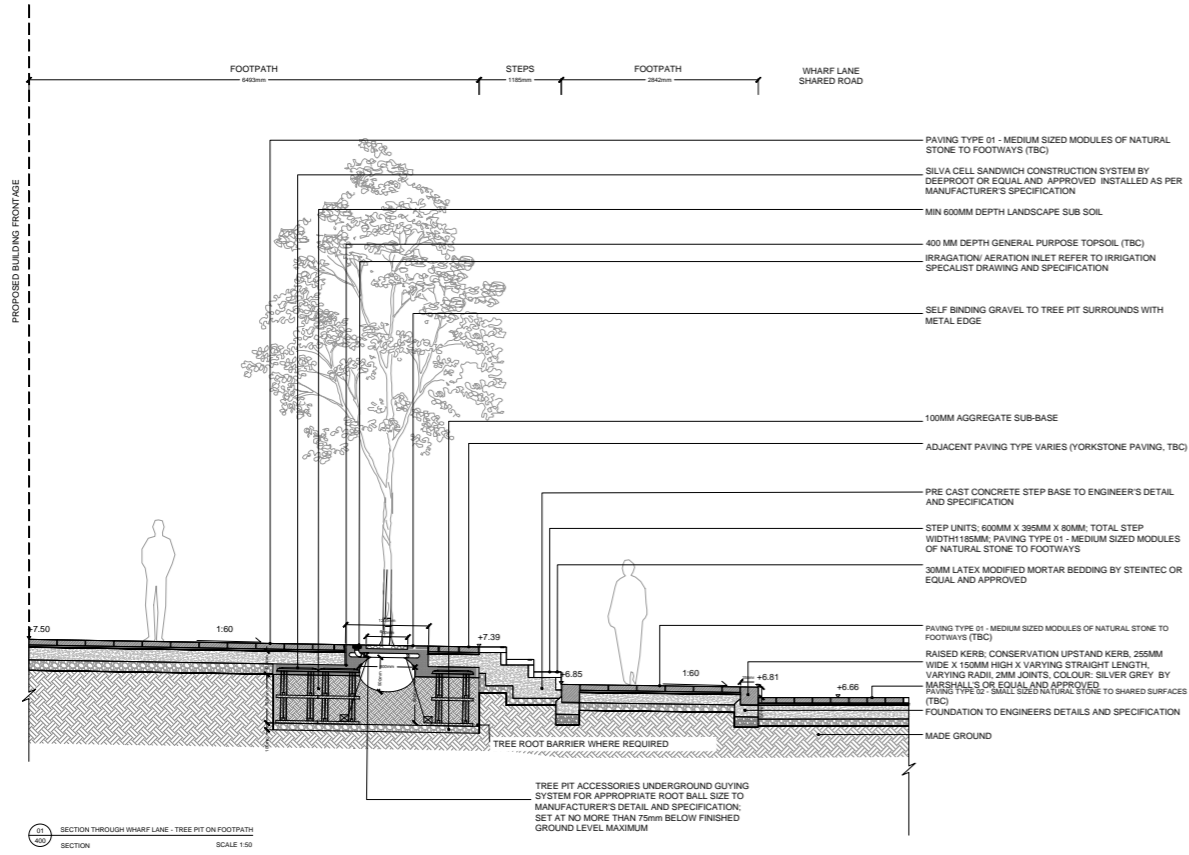
DRAWING TITLE
General Arrangement Tree Pit Plan

ISSUED BY	London	T: 020 7467 1470
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STATUS	Planning	APPROVED AH

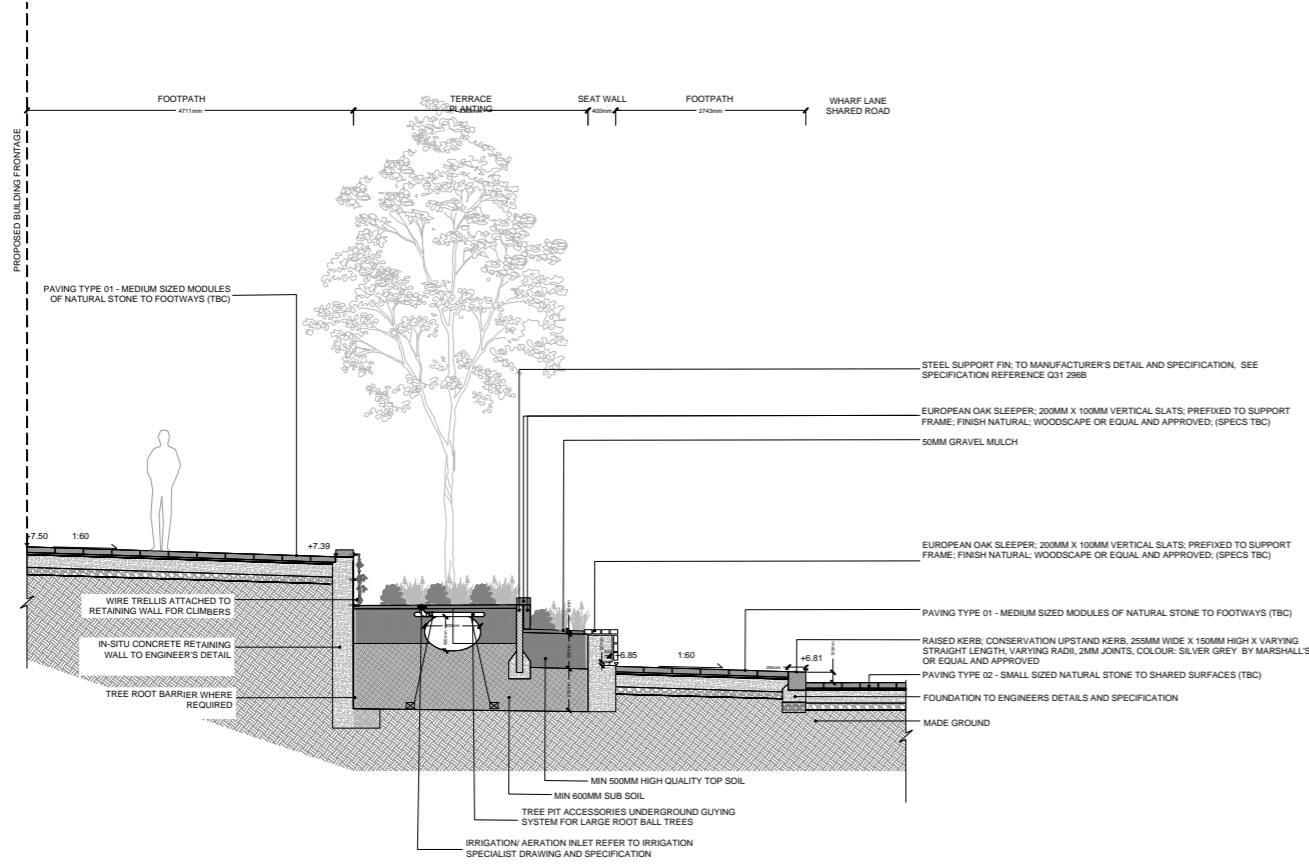
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SECTION THROUGH WHARF LANE - TREE PIT ON FOOTPATH
SCALE 1:50



SECTION THROUGH WHARF LANE - TREE IN TERRACES
SCALE 1:50

REV.	DESCRIPTION	APP. DATE
A	Planning Issue	27/07/21

LDĀDESIGN

PROJECT TITLE
6975_TWICKENHAM RIVERSIEDE

DRAWING TITLE
SECTION THROUGH WHARF LANE

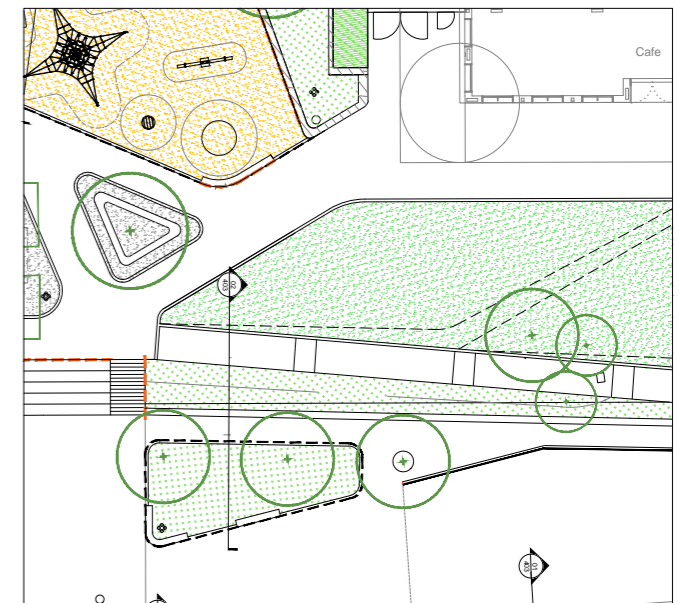
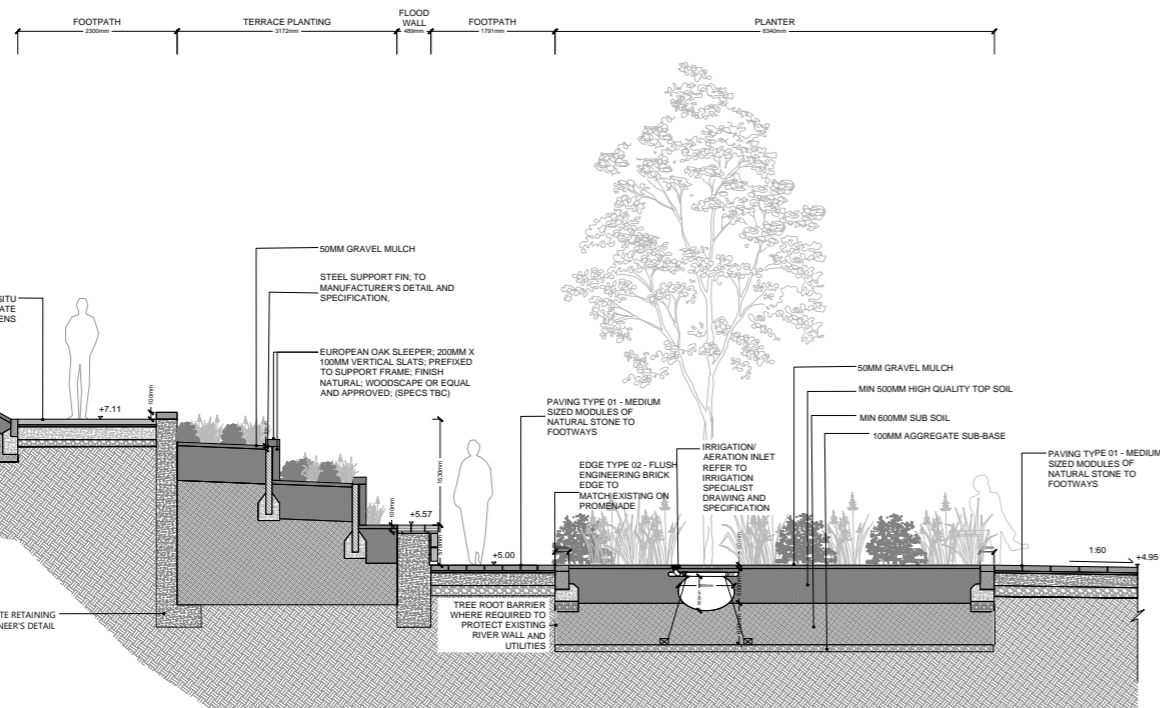
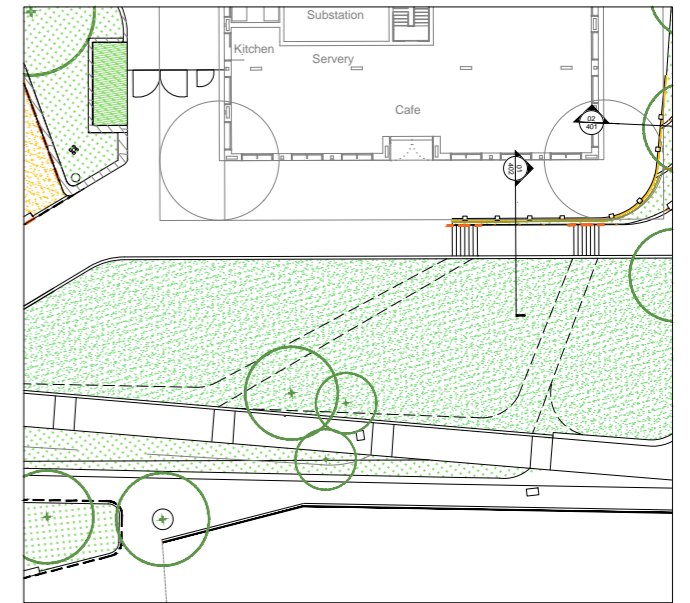
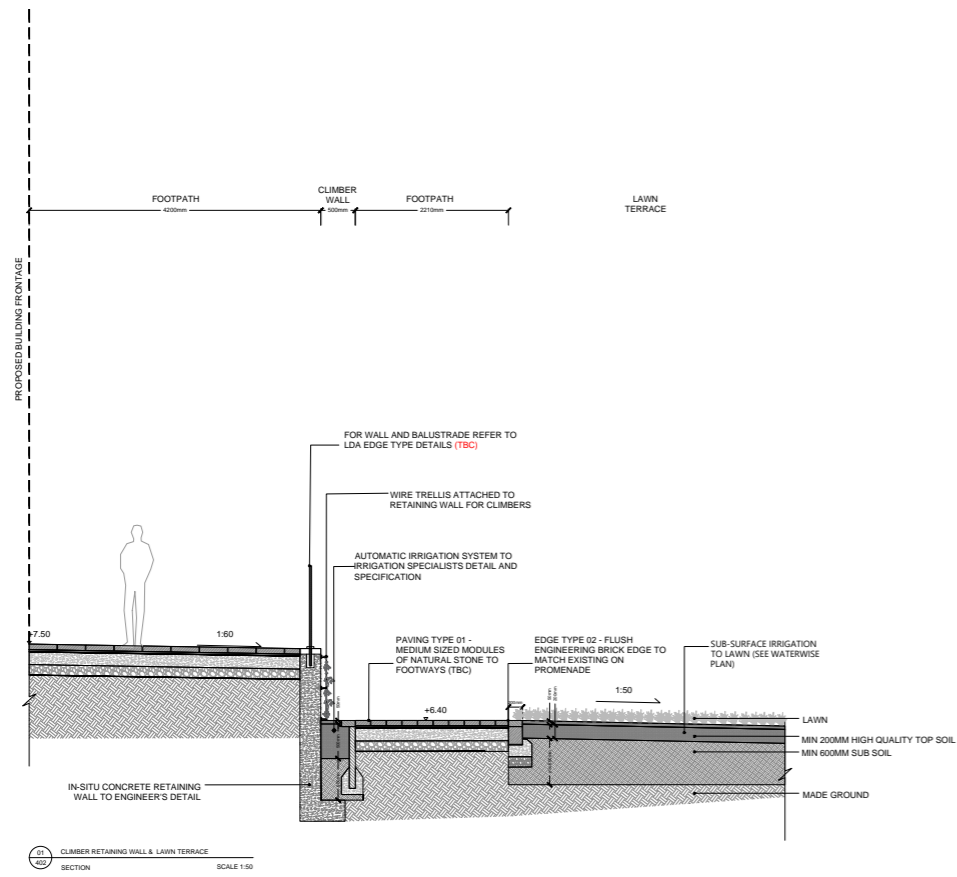
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STATUS	Planning	APPROVED AH

DWG. NO 6975_401

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REV.	DESCRIPTION	APP. DATE
A	Planning Issue	27/07/21

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PROJECT TITLE
6975_TWICKENHAM RIVERSIDE

DRAWING TITLE
SECTION THROUGH LAWN/ TERRACES

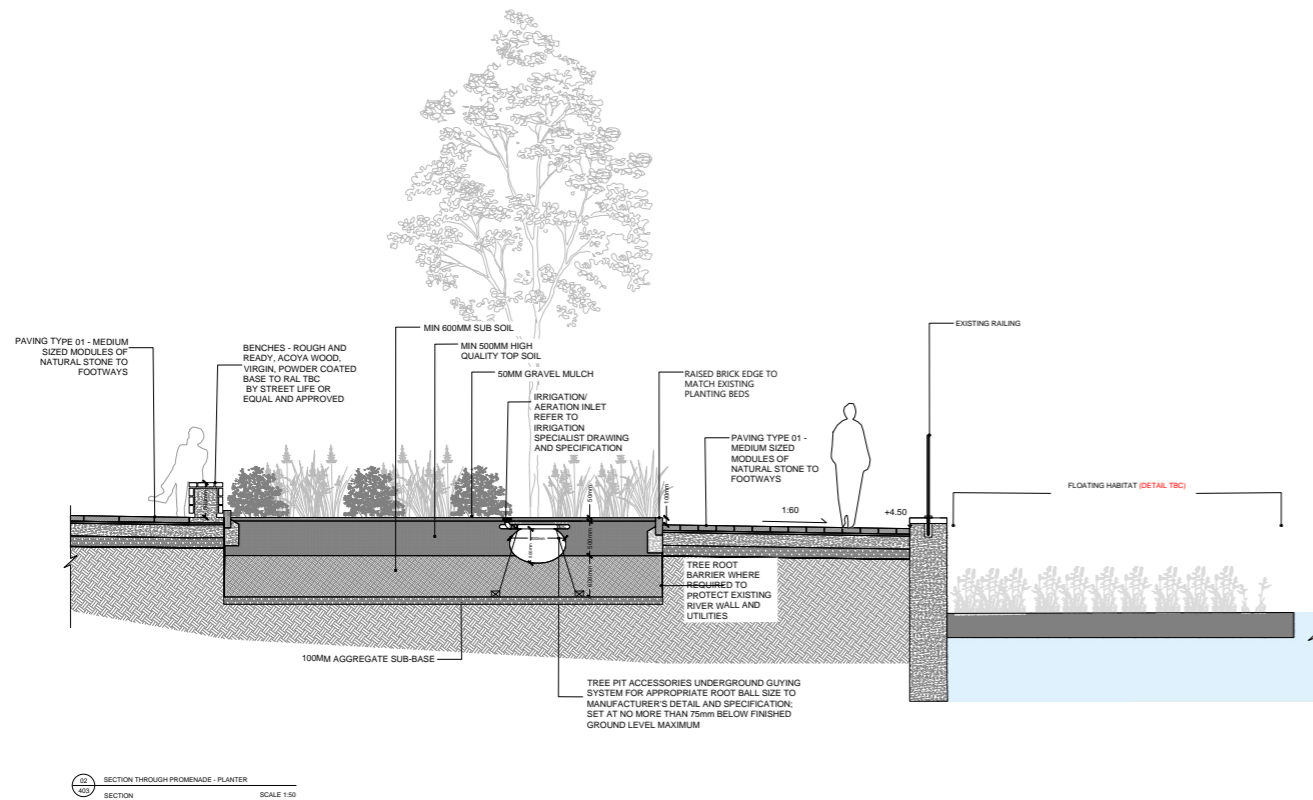
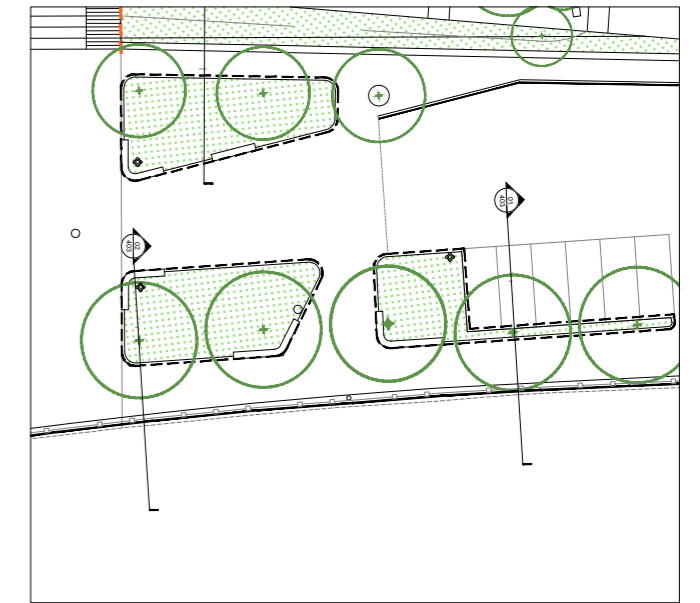
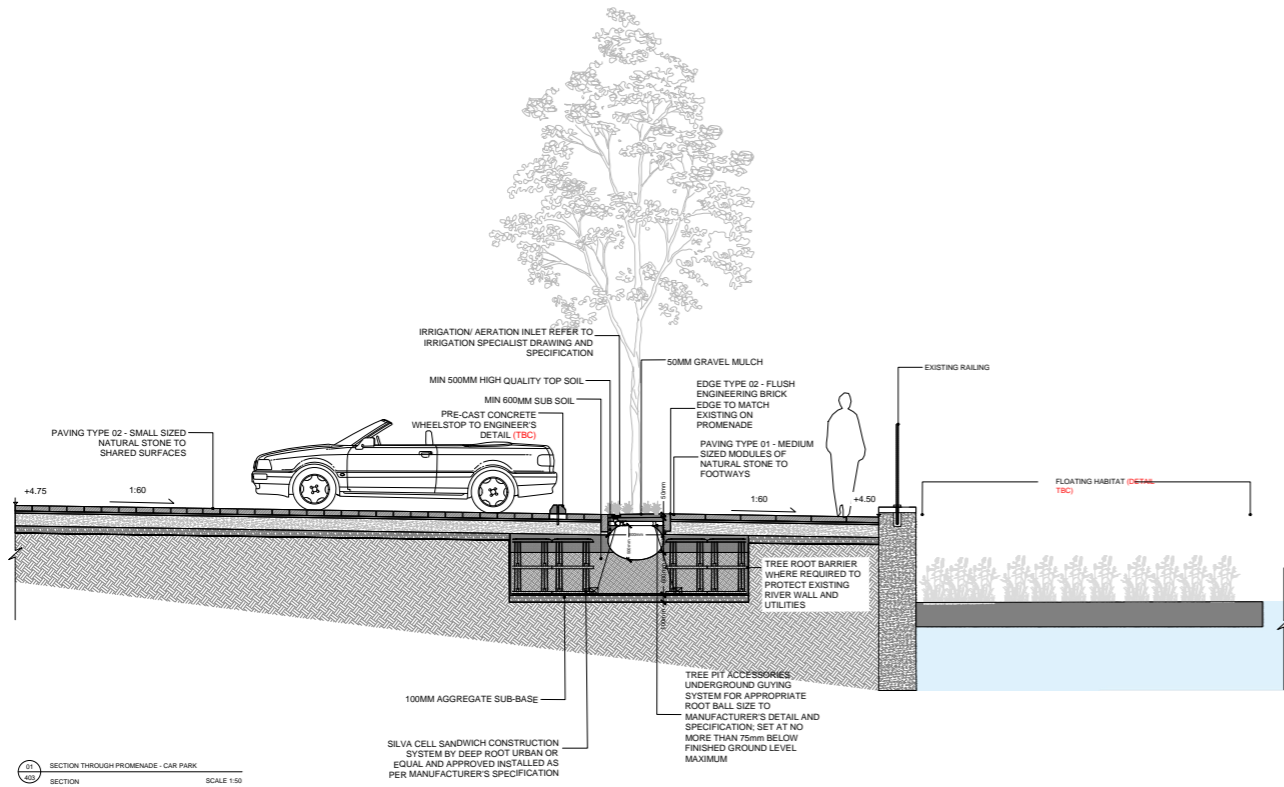
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STATUS	Planning	APPROVED AH

DWG. NO 6975_402

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A Planning Issue AH 27/07/21
REV. DESCRIPTION APP. DATE

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PROJECT TITLE
6975_TWICKENHAM RIVERSIEDE

DRAWING TITLE
SECTION THROUGH RIVER GARDEN & PROMENADE

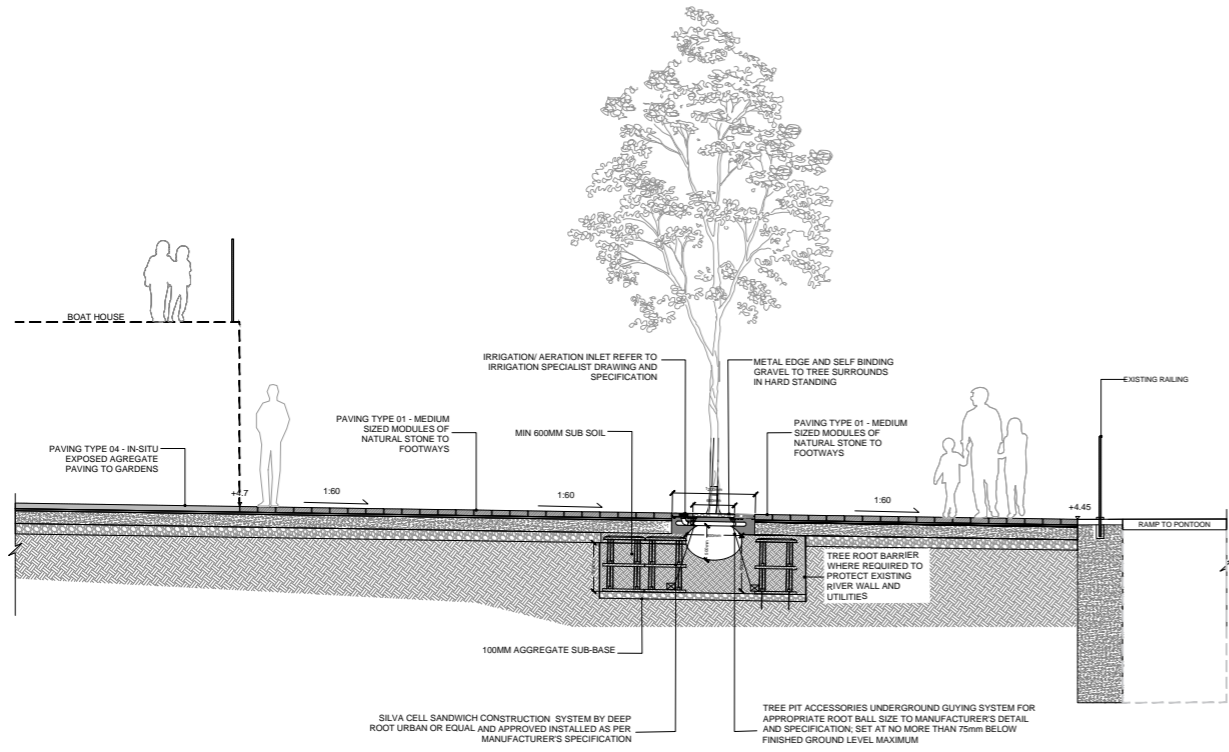
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DATE 15 JUL 2021 DRAWN JM
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STATUS Planning APPROVED AH

DWG. NO 6975_403

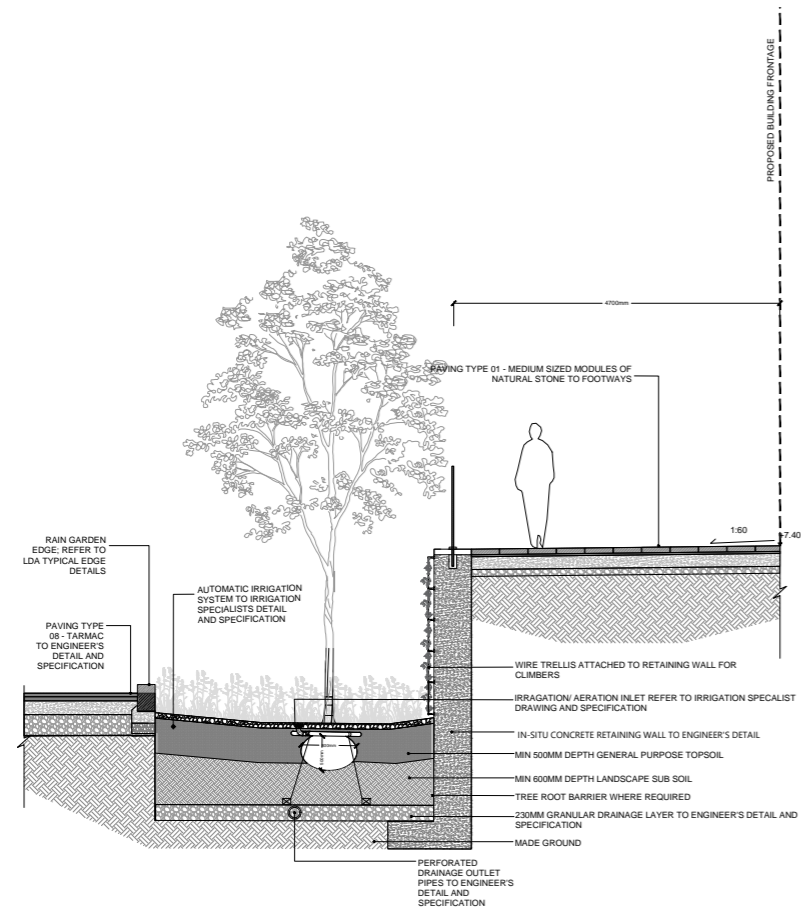
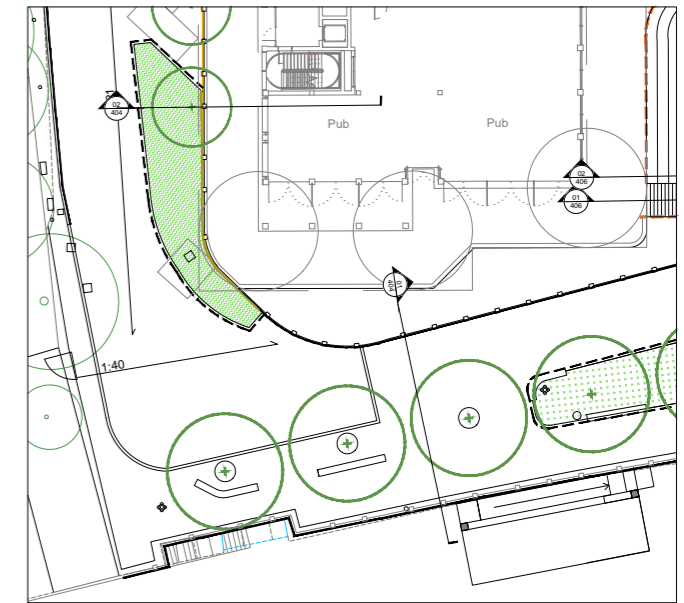
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Sources Ordnance Survey





SECTION THROUGH INDIVIDUAL TREE PIT
SCALE 1:50



SECTION THROUGH WATER LAKE - RAIN GARDEN
SCALE 1:50

REV.	DESCRIPTION	APP. DATE
A	Planning Issue	27/07/21

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PROJECT TITLE
6975_TWICKENHAM RIVERSIDE

DRAWING TITLE
SECTION THROUGH TREES IN PAVEMENT & RAIN GARDEN

ISSUED BY	London	T: 020 7467 1470
DATE	15 JUL 2021	DRAWN JM
SCALE/A1	1:50	CHECKED TW
STATUS	Planning	APPROVED AH

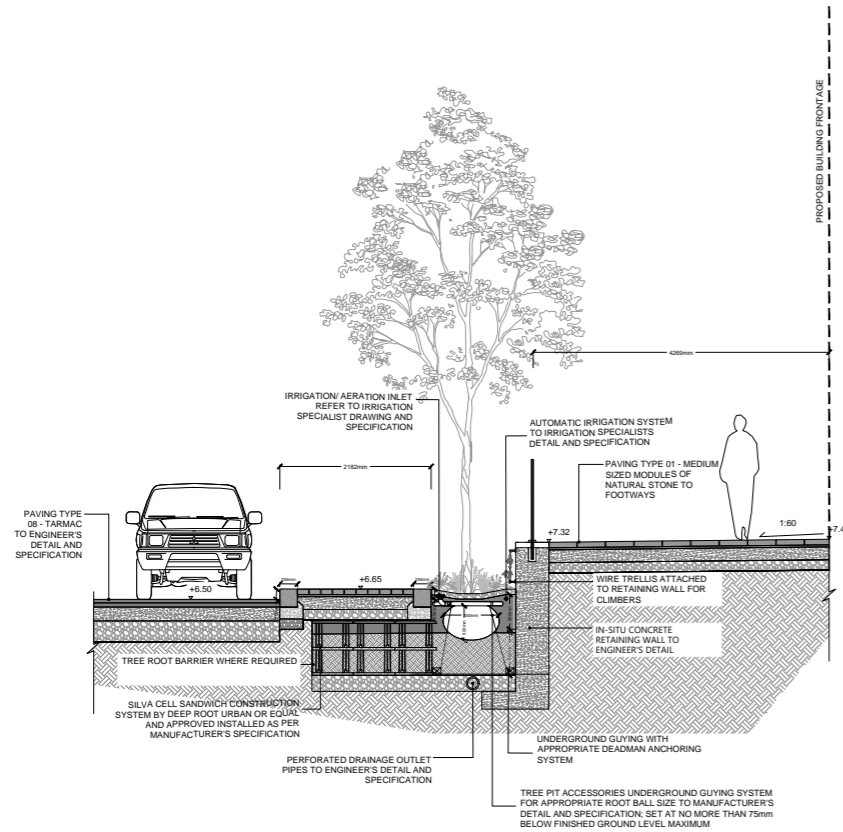
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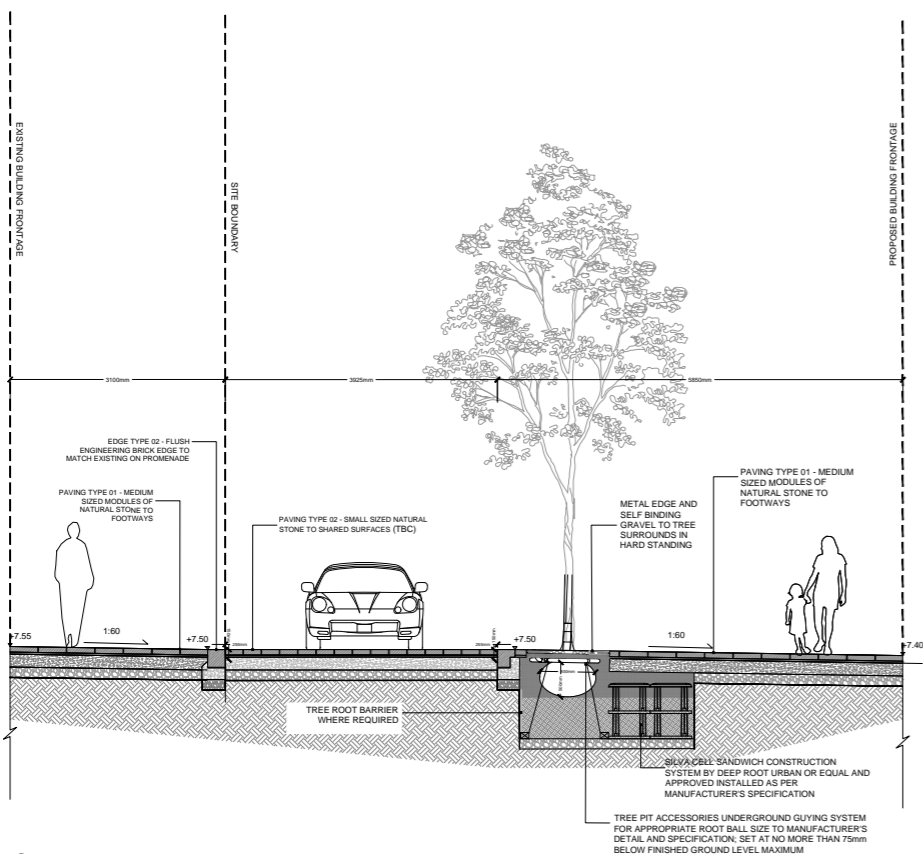
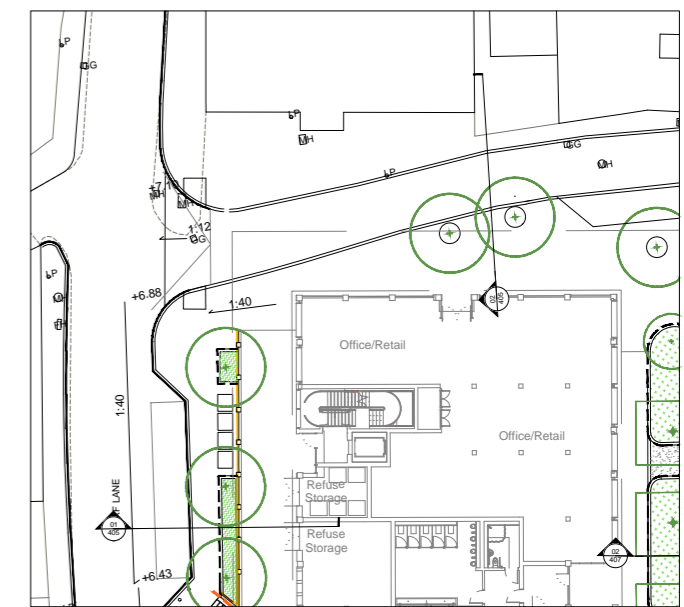
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Source: Ordnance Survey





SECTION THROUGH WATER LANE - SERVICE BAY
SCALE 1:50



SECTION DETAIL - SECTION THROUGH SERVICE ROAD
SCALE 1:50

A Planning Issue AH 27/07/21
REV. DESCRIPTION APP. DATE

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PROJECT TITLE
6975_TWICKENHAM RIVERSIEDE

DRAWING TITLE
SECTION THROUGH WATER LANE & SERVICE BAY

ISSUED BY	London	T: 020 7467 1470
DATE	15 JUL 2021	DRAWN JM
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STATUS	Planning	APPROVED AH

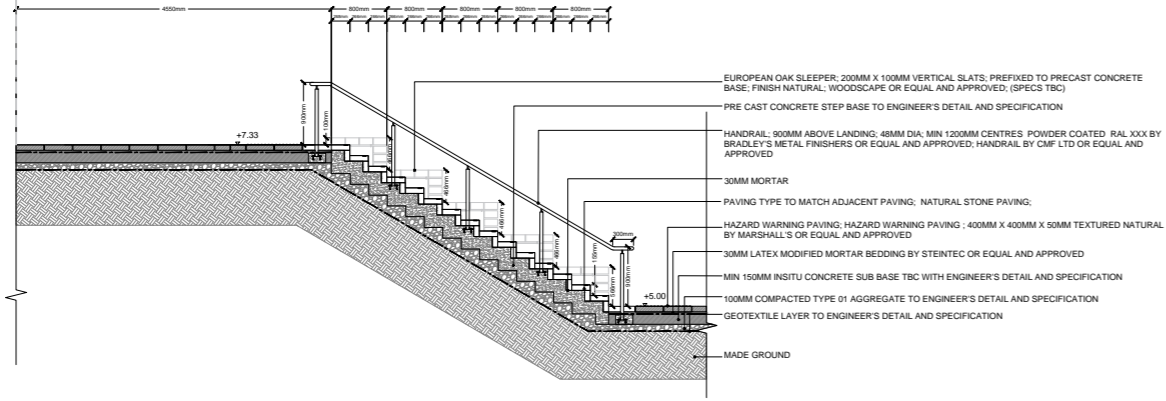
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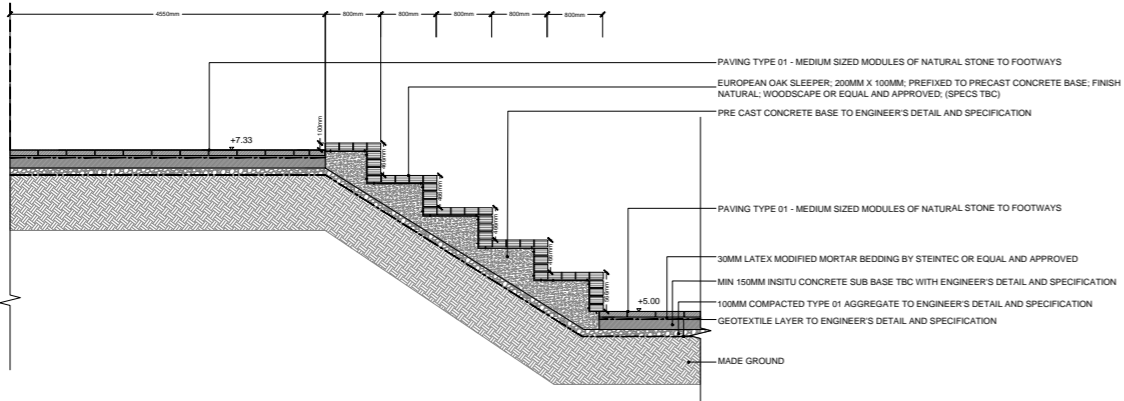


PROPOSED BUILDING FRONTAGE

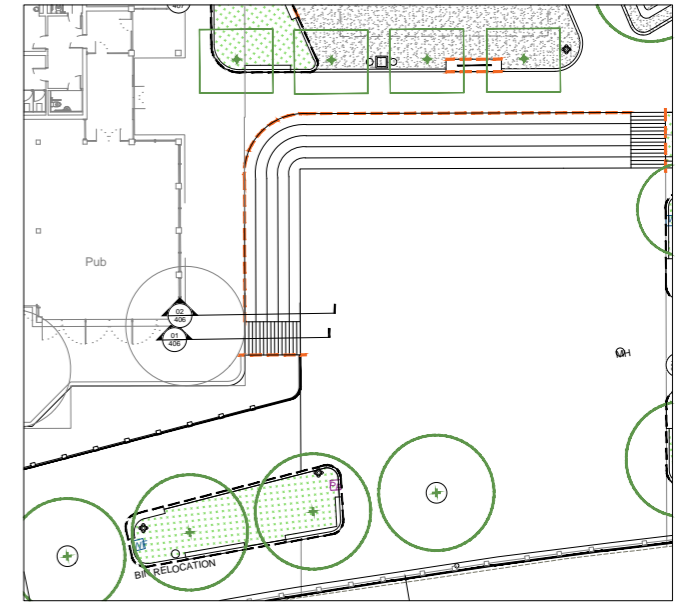


01 SECTION THROUGH STEPS
406 SECTION SCALE 1:50

PROPOSED BUILDING FRONTAGE



02 SECTION THROUGH SITTING TERRACES
406 SECTION SCALE 1:50



REV.	DESCRIPTION	APP. DATE
A	Planning Issue	21/07/21

LD A DESIGN

PROJECT TITLE
6975_TWICKENHAM RIVERSIDE

DRAWING TITLE
SECTION THROUGH FLOOD WALL/ TERRACES

ISSUED BY	London	T: 020 7467 1470
DATE	15 JUL 2021	DRAWN JM
SCALE/A1	1:50	CHECKED TW
STATUS	Planning	APPROVED AH

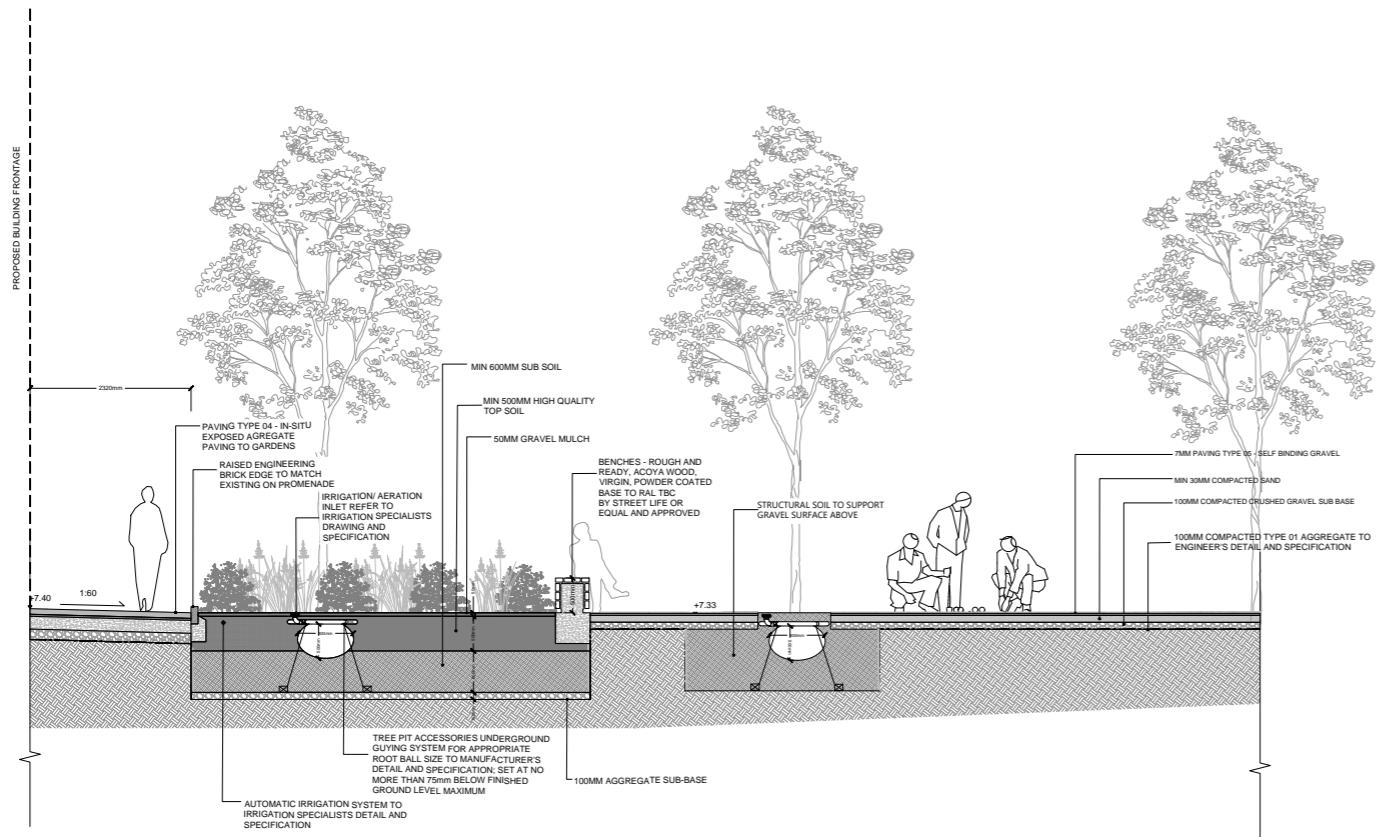
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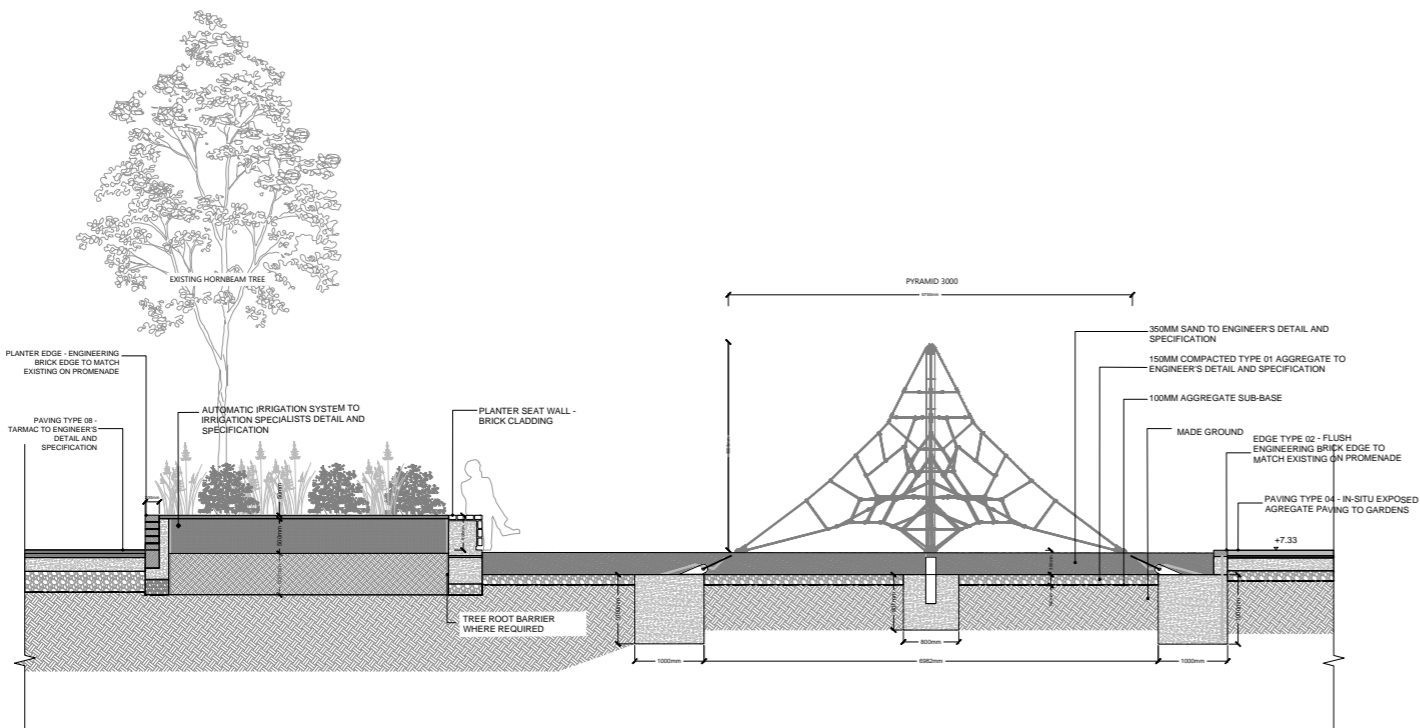
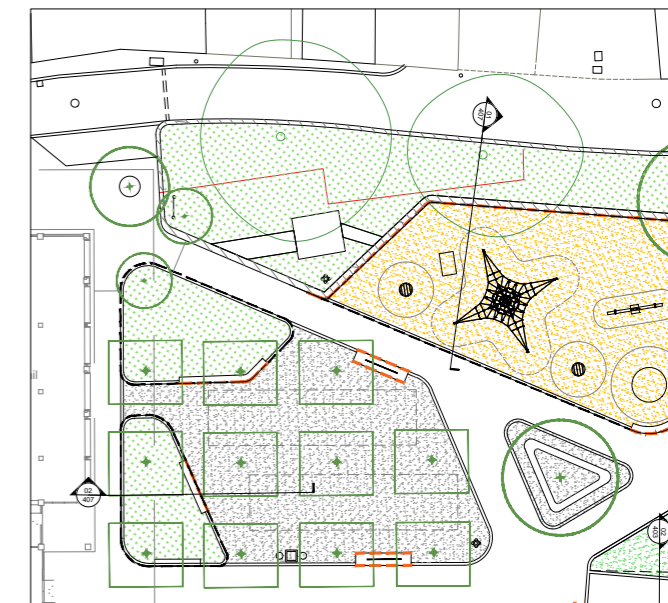
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01 SECTION THROUGH PLANTER & PETANQUE
407 SECTION SCALE 1:50



02 SECTION THROUGH PLANTER & PLAYGROUND
407 SECTION SCALE 1:50

A Planning Issue AH 27/07/21
REV. DESCRIPTION APP. DATE

LD&DESIGN

PROJECT TITLE
6975_TWICKENHAM RIVERSIEDE

DRAWING TITLE
SECTION THROUGH PLANTER & PLAY AREA

ISSUED BY London T: 020 7467 1470
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SCALE: A1 1:50 CHECKED TW
STATUS Planning APPROVED AH

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