

STATION HILL PHASE 1
PLANNING CONDITION 62 (ii)
67 PUBLIC REALM HARD
MATERIALS



LDĀ DESIGN

PLANNING CONDITION 62 (ii) & 67 EXTERNAL MATERIALS & SURFACES

CONDITION

(ii) Prior to construction works above ground slab level, details and samples of the materials to be used in the construction of the external surfaces of the development hereby permitted have been submitted to and approved in writing by the local planning authority and the materials shall be in accordance with those approved under the Appearance Reserved Matter pursuant to part (i) of this condition. The development shall be carried out and thereafter maintained in accordance with the details approved unless otherwise agreed in writing by the Local Planning Authority.

RESPONSE

This document outlines the hard materials and surfacing finishes for all public realm areas in phase 1 of the Stationhill development, Reading.

LANDSCAPE & PUBLIC REALM

MATERIALS

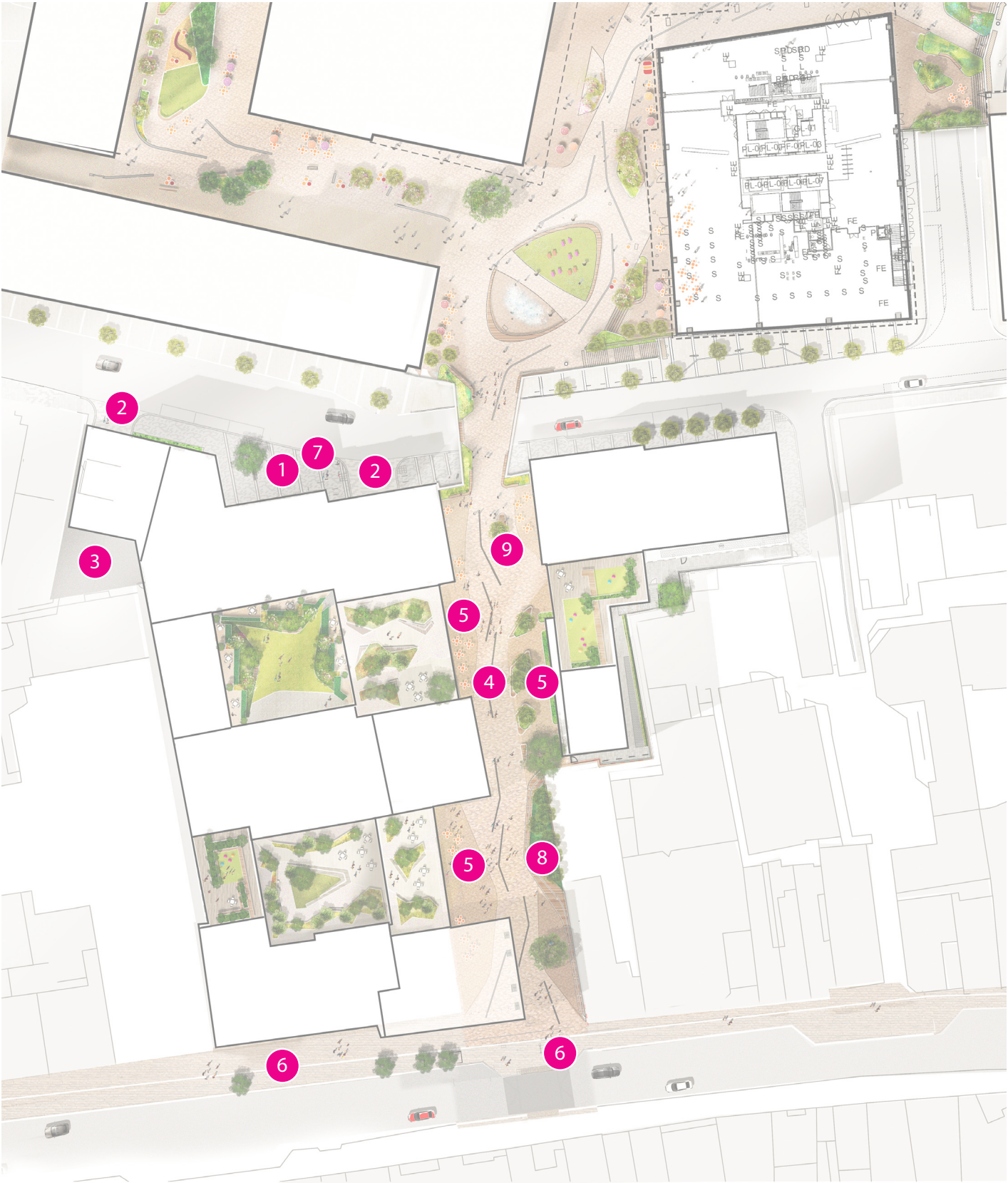
Public Realm Surfacing

The surfaces and materials throughout the public realm have been designed to provide site wide cohesion, a sense of durability and quality, whilst being light and welcoming.

The layout of the Friars Walk paving takes its inspiration from the natural flow directions of a river and offer orientation. The contrast of the smooth, dark paving bands and the textured paving, which consists of a two colour mix complementing the buildings' facade materials, ties in with the design language used at the Reading Station forecourt. The proposed paving material is a robust, good quality concrete paving with natural stone aggregate (reconstituted stone).

The pavement is designed to be robust, durable and slip-resistant, and to accommodate emergency vehicle access.

- 1 Paving Type 01/02
- 2 Paving Type 03
- 3 Asphalt
- 4 Paving Type 05/06
- 5 Paving Type 07
- 6 Brick Paving to match Existing
- 7 Conservation Kerb to Garrard Street
- 8 Concrete Retaining Bench to planter with timber top
- 9 Planters to Friar' Walk

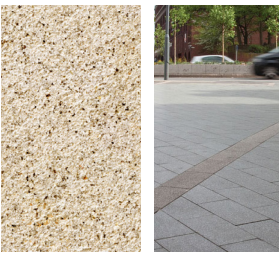


Public Realm - Paving Types

Paving Type 01
Reconstituted stone flag paving, 400mm x 200mm, Indian, Charcoal and Mid Grey Granite; textured finish.



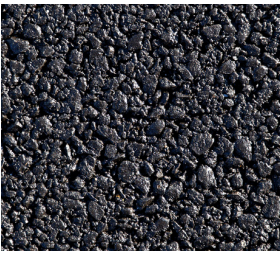
Paving Type 02
Reconstituted stone banding to Garrard Street, 400mm x 400mm; Light Granite colour; smooth finish.



Paving Type 03
Concrete sett paving, 100x200mm, to vehicular cross overs on Garrard Street footway; Indian, Charcoal and Mid Grey Granite; textured finish.



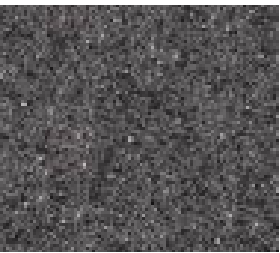
Asphalt
Asphalt service area to engineer's specification.



Paving Type 05
Reconstituted stone flag paving units, 600/400mmx200mmx80mm; oatmeal, 33.3% and 100mm x 200mm x 80mm Indian 33.3% 6mm kiln dried sand swept joints, regular course, textured finish,



Paving Type 06
Granite banding; 200mm x 600mm, Kreuzberg black granite, flamed finish, 6mm joints, refer to hardworks plan for orientation



Paving Type 07
Reconstituted stone flag paving units, 300/200mm x 100mm x 80mm; 3mm kiln dried sand swept joints, regular course, oatmeal 50%, Indian 50% (TBC), textured finish, random pattern



Existing Paving
Brick to Friar's Street to match existing.



Public Realm - Edge Types

Edge Type 01
Kerb to Garrard Street, conservation kerb, silver grey finish, 255mm x 300mm wide.



Tiered Planter Edge
In situ concrete base to retaining bench on Friar's Walk



Planter Edges
Raised planter edges, powder coated steel, RAL to complement architectural finishes.



LANDSCAPE & PUBLIC REALM

MATERIALS

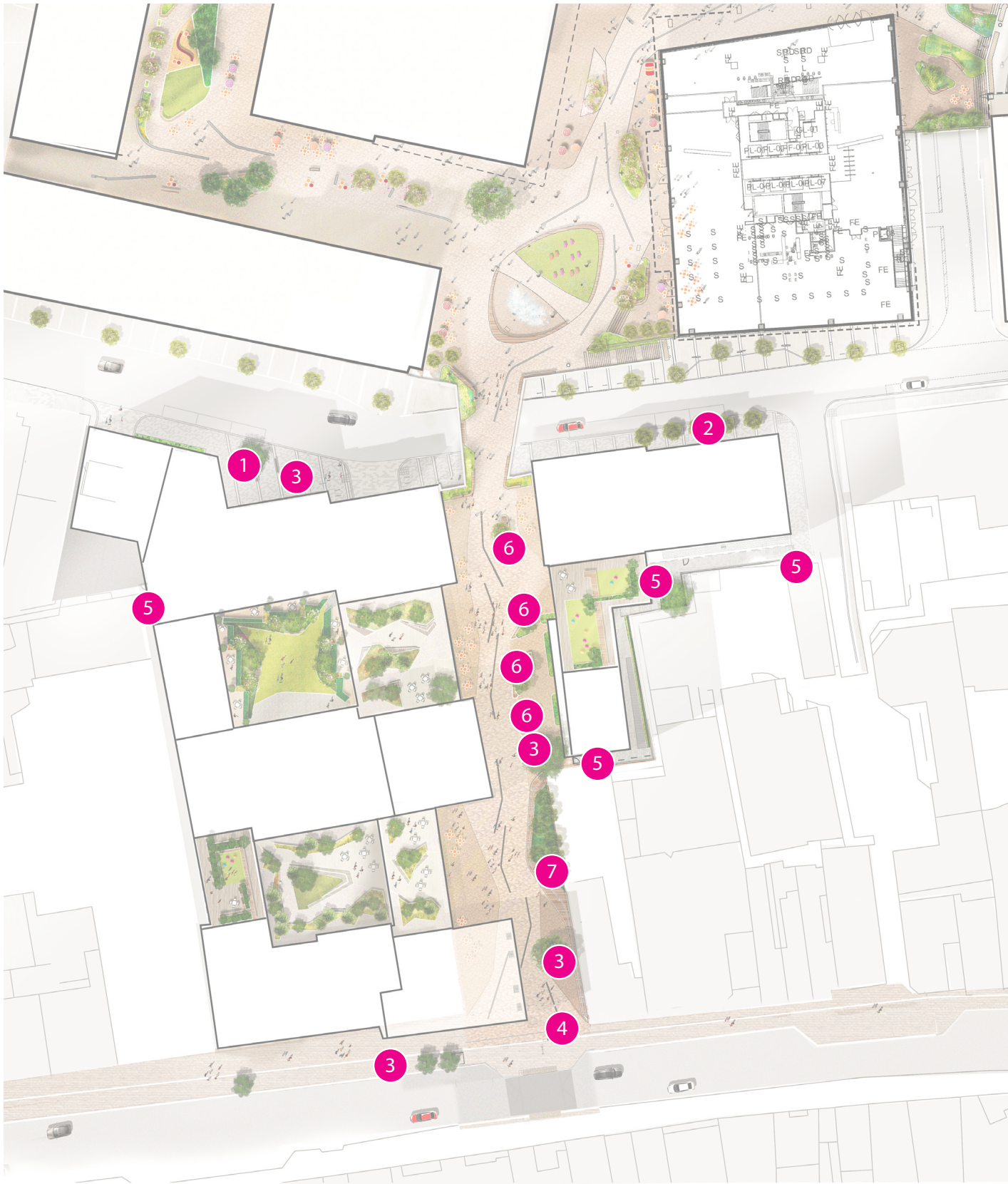
Public Realm Furniture Types - Friars Walk

Furniture across the site has been selected to be beautiful, robust and easy to maintain.

The aim is for the furniture to support the character of the public realm, not to define or dominate it.

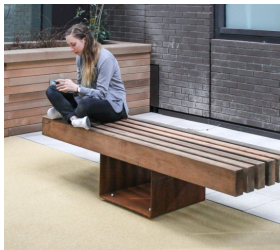
Materiality and colours are coordinated with surface materials and the buildings' material palette.

- 1 Benches to pocket square
- 2 Movable multi-stem/small tree planters
- 3 Tree Grilles
- 4 Fixed and telescopic Bollards
- 5 Fence and Gate
- 6 'Boulder' Planters with Benches
- 7 Two tiered retaining bench with concrete base and timber top

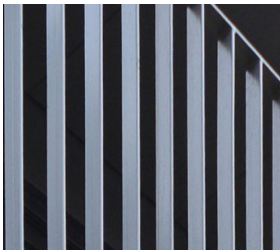


Public Realm - Furniture Types

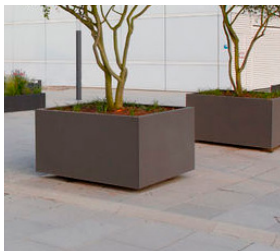
Bench to pocket square
2m in length, timber bench.



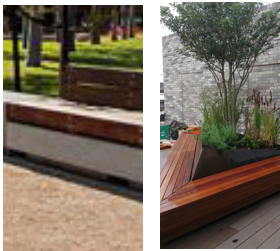
Fence and Gate
Solid flat bar fence, powder coated to RAL to match architectural finishes.



Movable pots
Tree planter pots, powder coated to complement architectural finishes.



Retaining bench and two tiered planter Friar's Walk
Timber slatted bench with in situ concrete base.



Tree Grille
Tree grille 1.5m square, recessed to take paving, bolt fixing, water point.



Planters to Friar's Walk
'Boulder' Planters to Friar's Walk, powder coated steel edges with timber tops.



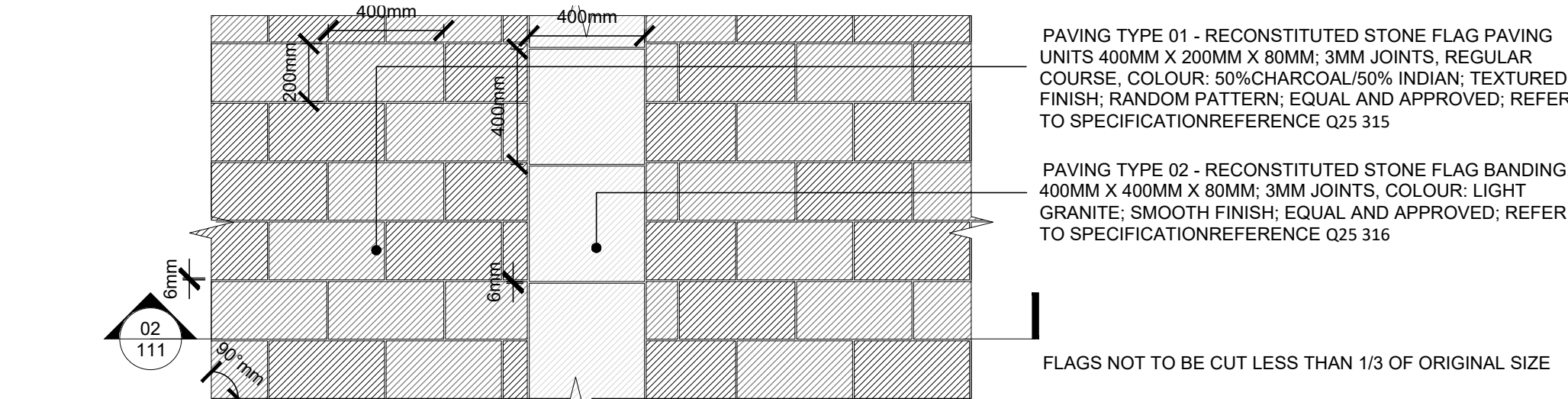
Utility Covers
Recessed utility cover, stainless steel with inset paving in front of house areas, ductile iron in back of house areas.



Fixed and Telescopic Bollards
Stainless Steel, 1m high.

Note: Requirement for Anti-Terrorism Measurements to be confirmed. Higher spec./PAS-rated bollards might be required.





PAVING TYPE 01 - RECONSTITUTED STONE FLAG PAVING UNITS 400MM X 200MM X 80MM; 3MM JOINTS, REGULAR COURSE, COLOUR: 50%CHARCOAL/50% INDIAN; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 315

PAVING TYPE 02 - RECONSTITUTED STONE FLAG BANDING, 400MM X 400MM X 80MM; 3MM JOINTS, COLOUR: LIGHT GRANITE; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 316

FLAGS NOT TO BE CUT LESS THAN 1/3 OF ORIGINAL SIZE

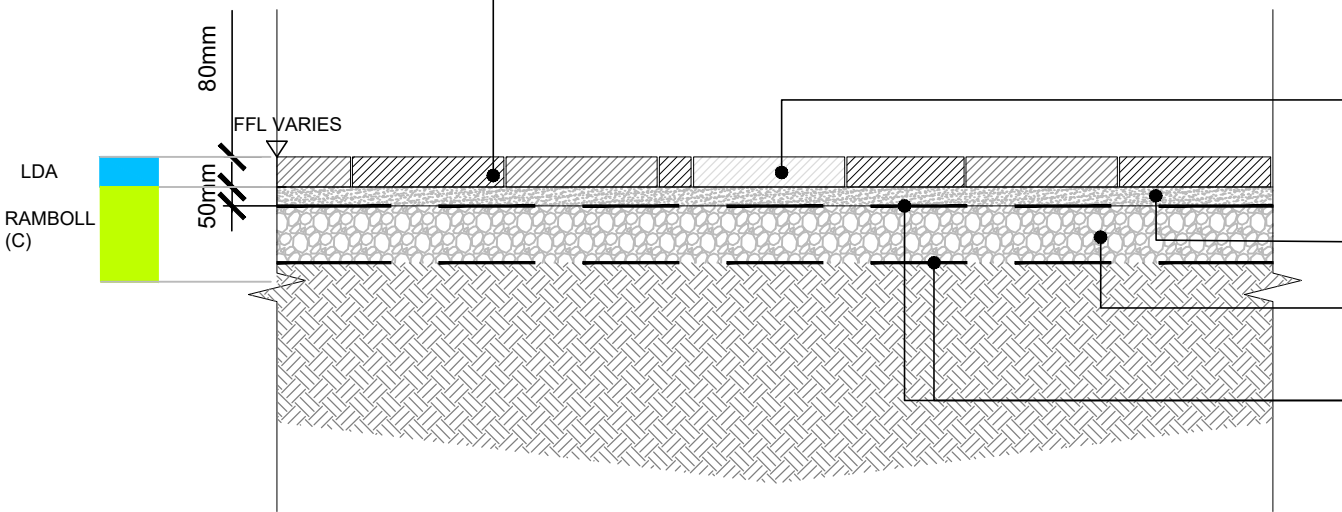
PAVING TYPE 01 - RECONSTITUTED STONE FLAG PAVING UNITS 400MM X 200MM X 80MM; 3MM JOINTS, REGULAR COURSE, COLOUR: 50%CHARCOAL/50% INDIAN; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 315

PAVING TYPE 02 - RECONSTITUTED STONE FLAG BANDING, 400MM X 400MM X 80MM; 6MM JOINTS, COLOUR: LIGHT GRANITE; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 316

150MM DEPTH WELL COMPACTED TYPE 1 GRANULAR SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATION

01 PAVING TYPE 01 - FLAG PAVING TO GARRARD STREET FOOTWAY
PLAN SCALE 1:25

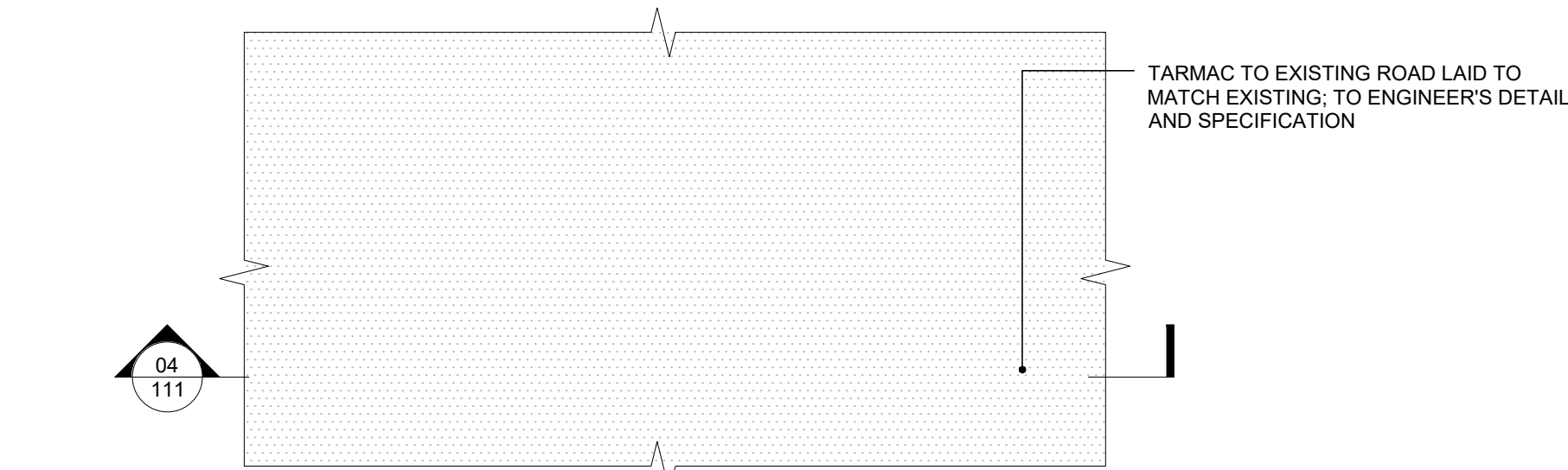


PAVING TYPE 02 - RECONSTITUTED STONE FLAG BANDING, 400MM X 400MM X 80MM; 6MM JOINTS, COLOUR: LIGHT GRANITE; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 316

150MM DEPTH WELL COMPACTED TYPE 1 GRANULAR SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

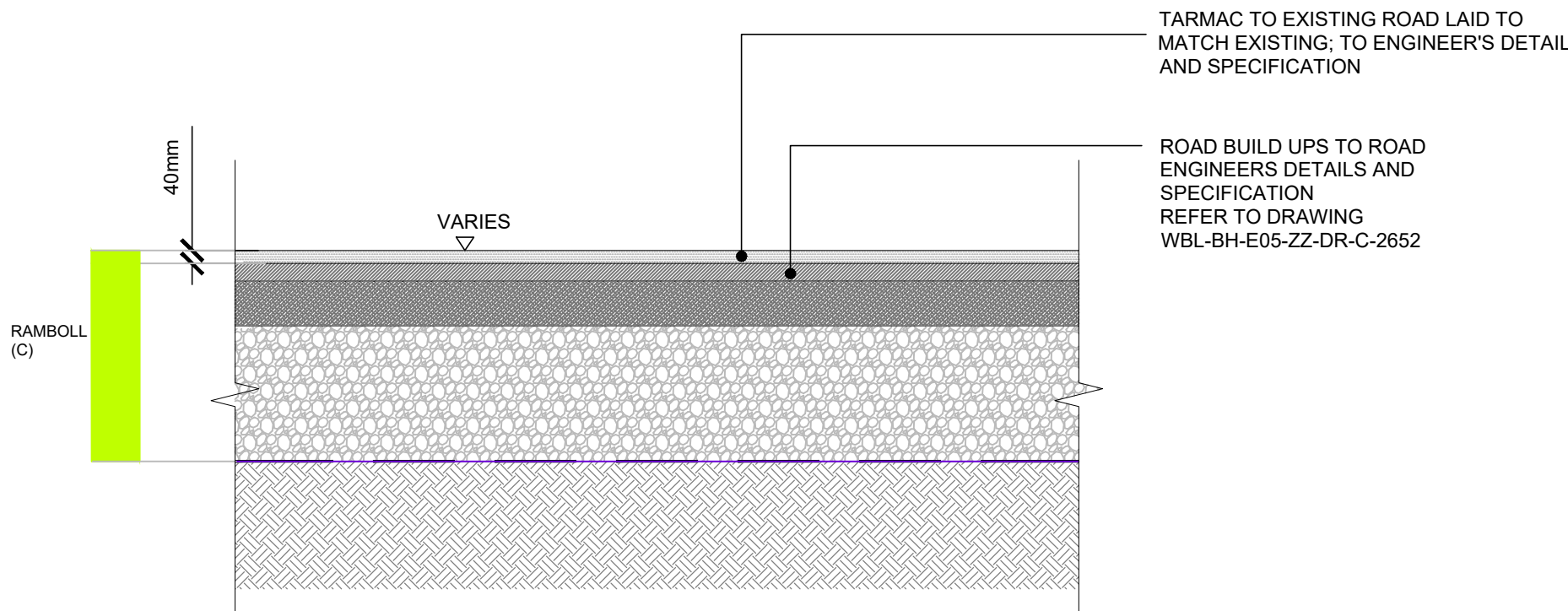
GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATION

02 PAVING TYPE 01 - FLAG PAVING TO GARRARD STREET FOOTWAY
SECTION SCALE 1:25



TARMAC TO EXISTING ROAD LAID TO MATCH EXISTING; TO ENGINEER'S DETAIL AND SPECIFICATION

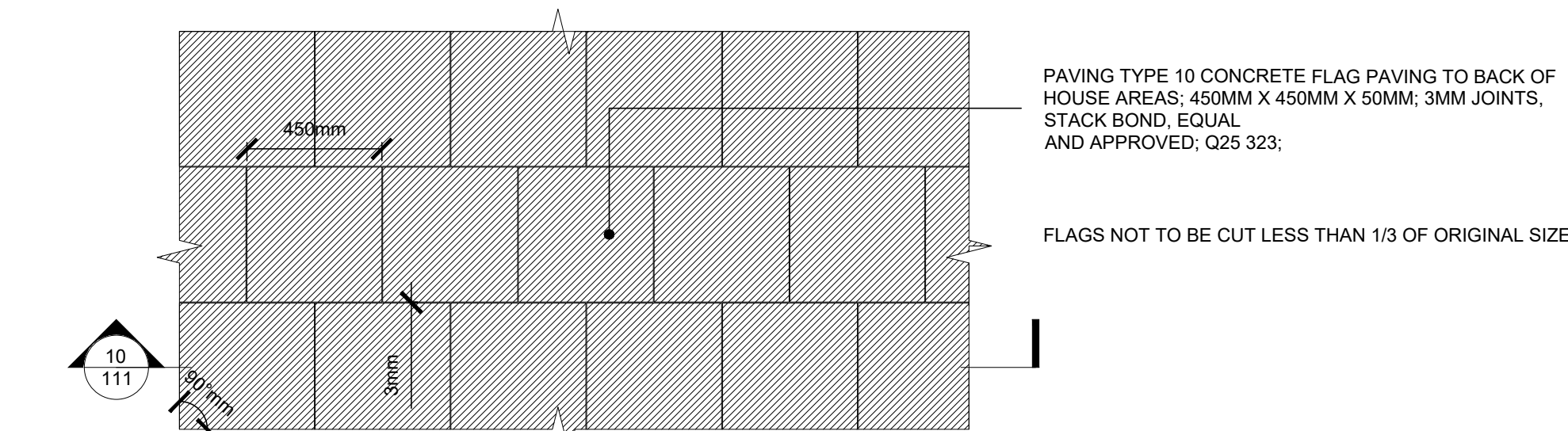
05 TARMAC TO EXISTING ROAD
PLAN SCALE 1:25



TARMAC TO EXISTING ROAD LAID TO MATCH EXISTING; TO ENGINEER'S DETAIL AND SPECIFICATION

ROAD BUILD UPS TO ROAD ENGINEERS DETAILS AND SPECIFICATION REFER TO DRAWING WBL-BH-E05-ZZ-DR-C-2652

06 TARMAC TO EXISTING ROAD
SECTION SCALE 1:25



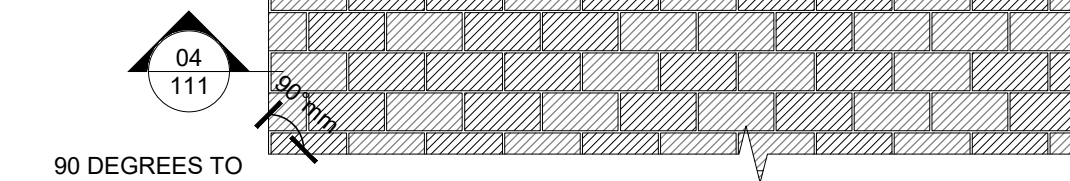
PAVING TYPE 10 CONCRETE FLAG PAVING TO BACK OF HOUSE AREAS; 450MM X 450MM X 50MM; 3MM JOINTS, STACK BOND, EQUAL AND APPROVED; Q25 323;

FLAGS NOT TO BE CUT LESS THAN 1/3 OF ORIGINAL SIZE

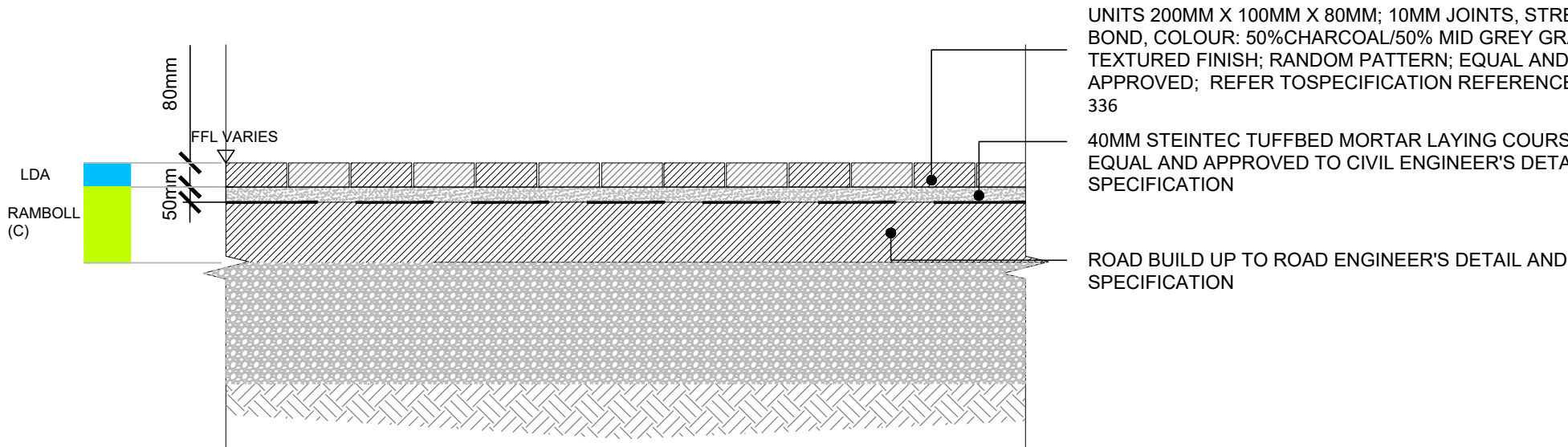
09 BACK OF HOUSE PAVING TO BLOCK E/F GARRARD STREET
PLAN SCALE 1:25



PAVING TYPE 03 - RECONSTITUTED STONE SETT PAVING UNITS 200MM X 100MM X 80MM; 10MM JOINTS, STRETCHER BOND, COLOUR: 50%CHARCOAL/50% MID GREY GRANITE; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 336



03 PAVING TYPE 03 - VENHICULAR PAVING TO CROSS OVERS
PLAN SCALE 1:25

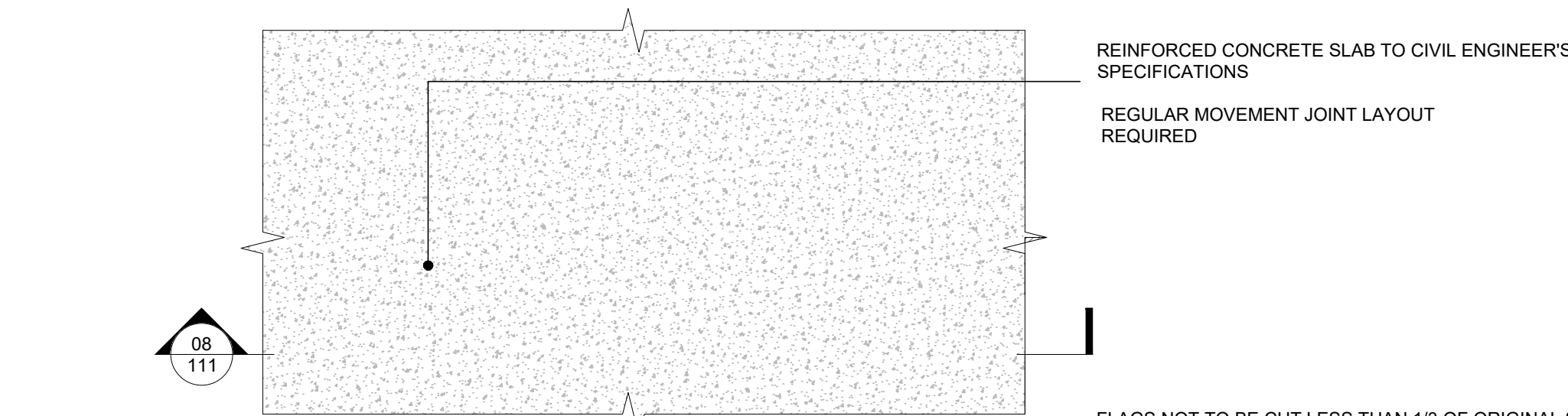


PAVING TYPE 03 - RECONSTITUTED STONE SETT PAVING UNITS 200MM X 100MM X 80MM; 10MM JOINTS, STRETCHER BOND, COLOUR: 50%CHARCOAL/50% MID GREY GRANITE; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 336

40MM STEINTEC TUFFBED MORTAR LAYING COURSE OR EQUAL AND APPROVED TO CIVIL ENGINEER'S DETAIL AND SPECIFICATION

ROAD BUILD UP TO ROAD ENGINEER'S DETAIL AND SPECIFICATION

04 PAVING TYPE 03 - VENHICULAR PAVING TO CROSS OVERS
SECTION SCALE 1:25

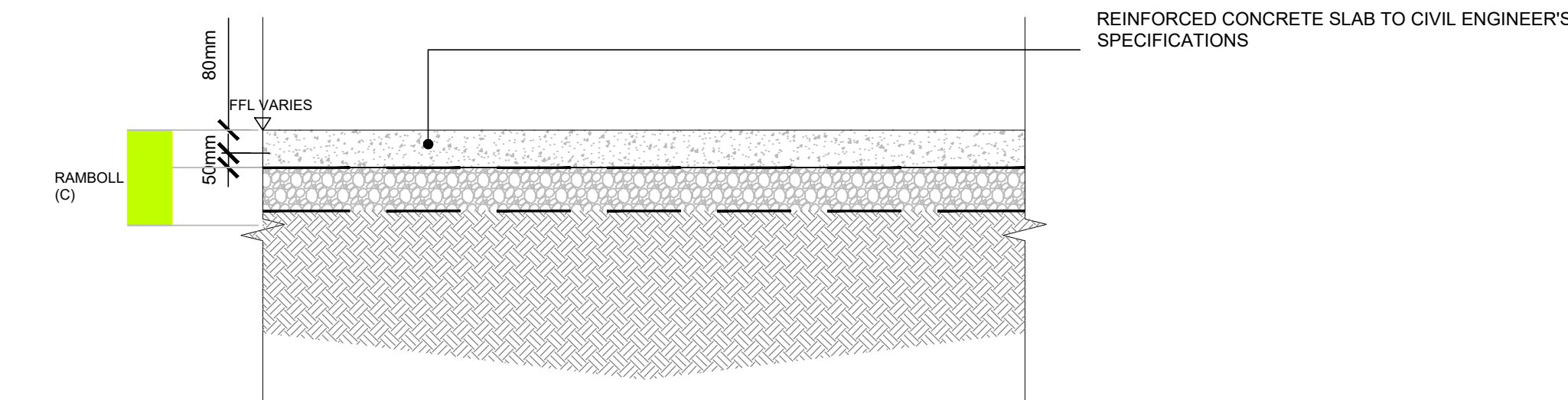


REINFORCED CONCRETE SLAB TO CIVIL ENGINEER'S SPECIFICATIONS

REGULAR MOVEMENT JOINT LAYOUT REQUIRED

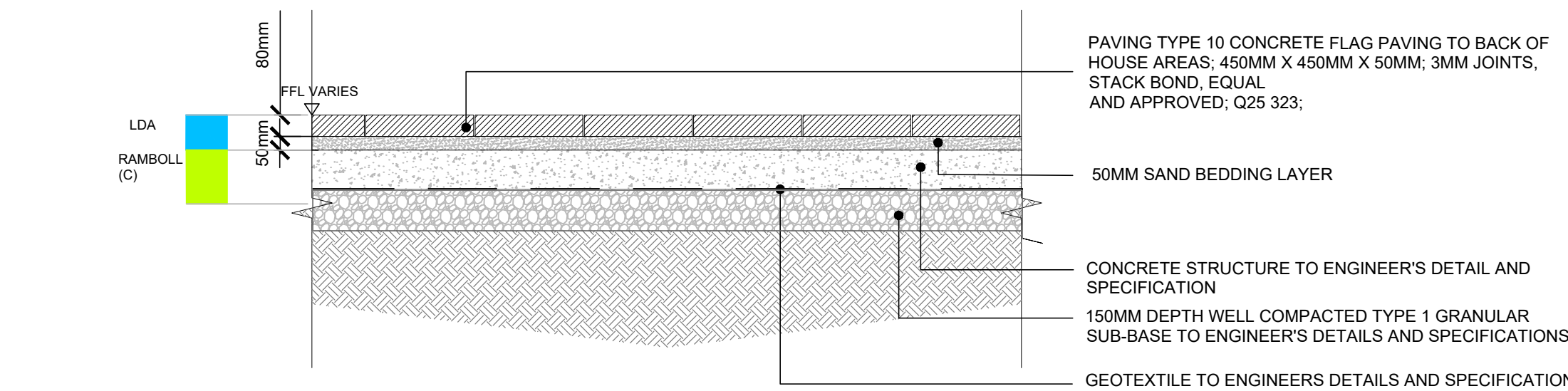
FLAGS NOT TO BE CUT LESS THAN 1/3 OF ORIGINAL SIZE

07 CONCRETE PAVING TO SERVICE YARD
PLAN SCALE 1:25



REINFORCED CONCRETE SLAB TO CIVIL ENGINEER'S SPECIFICATIONS

08 CONCRETE PAVING TO SERVICE YARD
SECTION SCALE 1:25



PAVING TYPE 10 CONCRETE FLAG PAVING TO BACK OF HOUSE AREAS; 450MM X 450MM X 50MM; 3MM JOINTS, STACK BOND, EQUAL AND APPROVED; Q25 323;

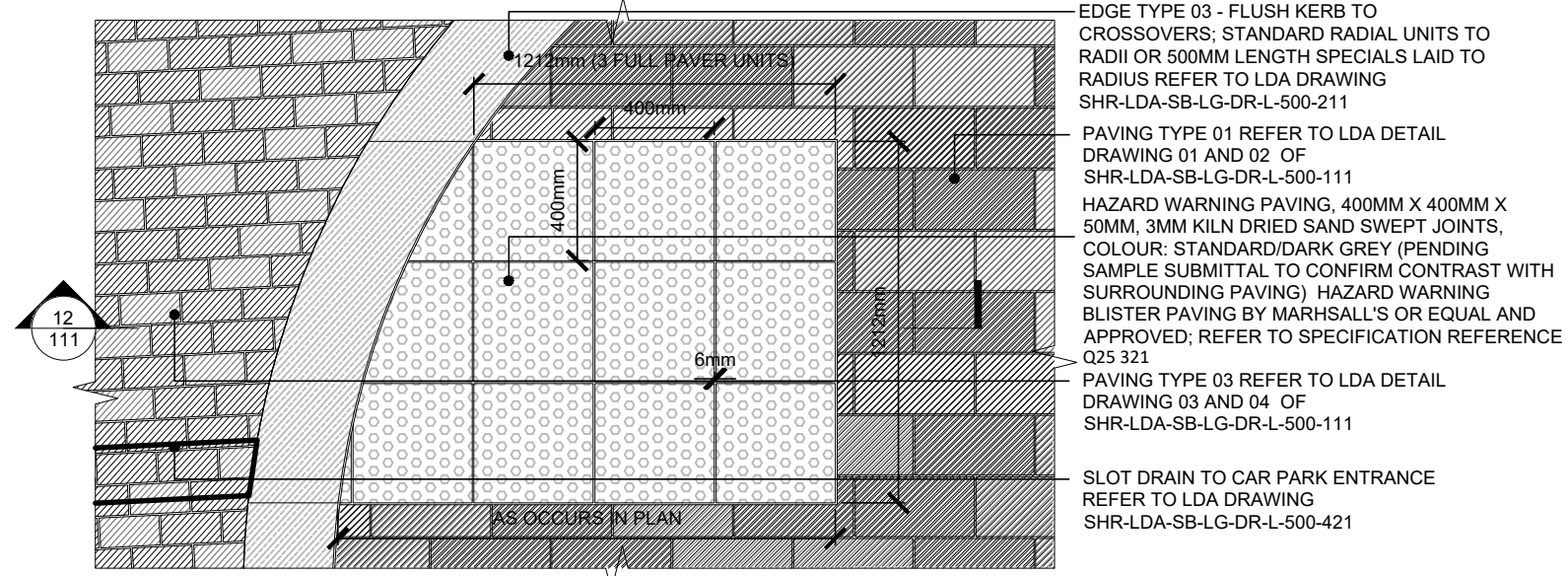
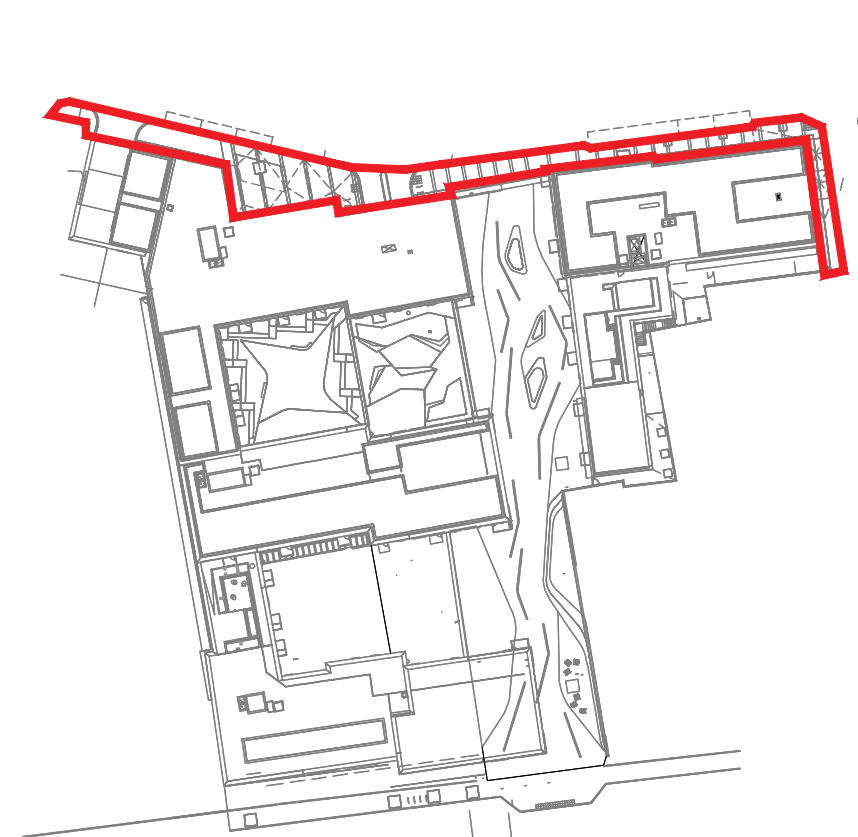
50MM SAND BEDDING LAYER

CONCRETE STRUCTURE TO ENGINEER'S DETAIL AND SPECIFICATION

150MM DEPTH WELL COMPACTED TYPE 1 GRANULAR SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATION

10 BACK OF HOUSE PAVING TO BLOCK E/F GARRARD STREET
SECTION SCALE 1:25



EDGE TYPE 03 - FLUSH KERB TO CROSSOVERS; STANDARD RADIAL UNITS TO RADI OR 500MM LENGTH SPECIALS LAID TO RADIUS REFER TO LDA DRAWING SHR-LDA-SB-LG-DR-L-500-211

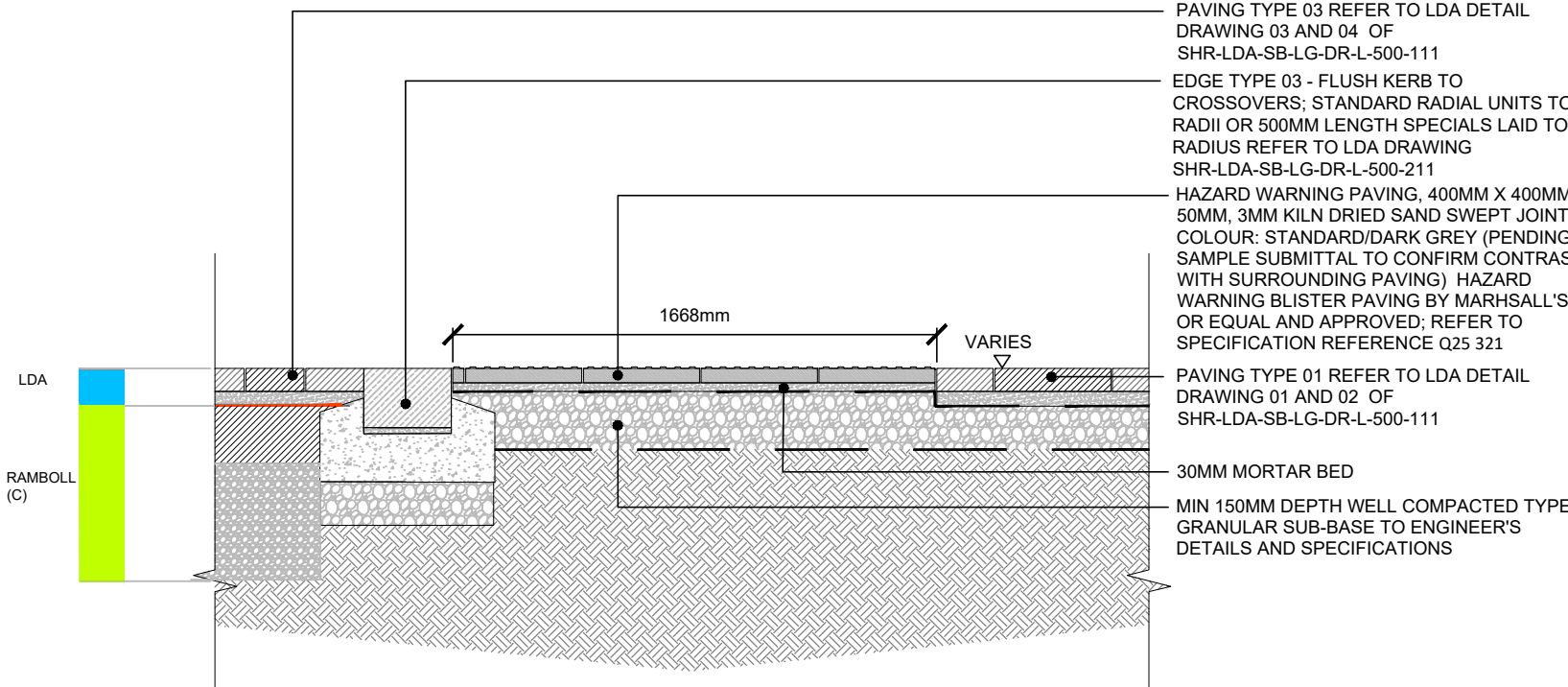
PAVING TYPE 01 REFER TO LDA DETAIL DRAWING 01 AND 02 OF SHR-LDA-SB-LG-DR-L-500-111

HAZARD WARNING PAVING, 400MM X 400MM X 50MM, 3MM KILN DRIED SAND SWEEP JOINTS, COLOUR: STANDARD/DARK GREY (PENDING SAMPLE SUBMITTAL TO CONFIRM CONTRAST WITH SURROUNDING PAVING) HAZARD WARNING BLISTER PAVING BY MARSHALL'S OR EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 321

PAVING TYPE 03 REFER TO LDA DETAIL DRAWING 03 AND 04 OF SHR-LDA-SB-LG-DR-L-500-111

SLOT DRAIN TO CAR PARK ENTRANCE REFER TO LDA DRAWING SHR-LDA-SB-LG-DR-L-500-421

11 TACTILE PAVING TO GARRARD STREET
PLAN SCALE 1:25



PAVING TYPE 03 REFER TO LDA DETAIL DRAWING 03 AND 04 OF SHR-LDA-SB-LG-DR-L-500-111

EDGE TYPE 03 - FLUSH KERB TO CROSSOVERS; STANDARD RADIAL UNITS TO RADI OR 500MM LENGTH SPECIALS LAID TO RADIUS REFER TO LDA DRAWING SHR-LDA-SB-LG-DR-L-500-211

HAZARD WARNING PAVING, 400MM X 400MM X 50MM, 3MM KILN DRIED SAND SWEEP JOINTS, COLOUR: STANDARD/DARK GREY (PENDING SAMPLE SUBMITTAL TO CONFIRM CONTRAST WITH SURROUNDING PAVING) HAZARD WARNING BLISTER PAVING BY MARSHALL'S OR EQUAL AND APPROVED; REFER TO SPECIFICATIONREFERENCE Q25 321

PAVING TYPE 01 REFER TO LDA DETAIL DRAWING 01 AND 02 OF SHR-LDA-SB-LG-DR-L-500-111

30MM MORTAR BED

MIN 150MM DEPTH WELL COMPACTED TYPE 1 GRANULAR SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

12 TACTILE PAVING TO GARRARD STREET
SECTION SCALE 1:25

READ THIS FIRST

Note for Contractors

This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers

DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C03	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
REV.	DESCRIPTION	APP.	DATE

LDADesign

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PUBLIC REALM PAVING DETAILS
GARRARD STREET

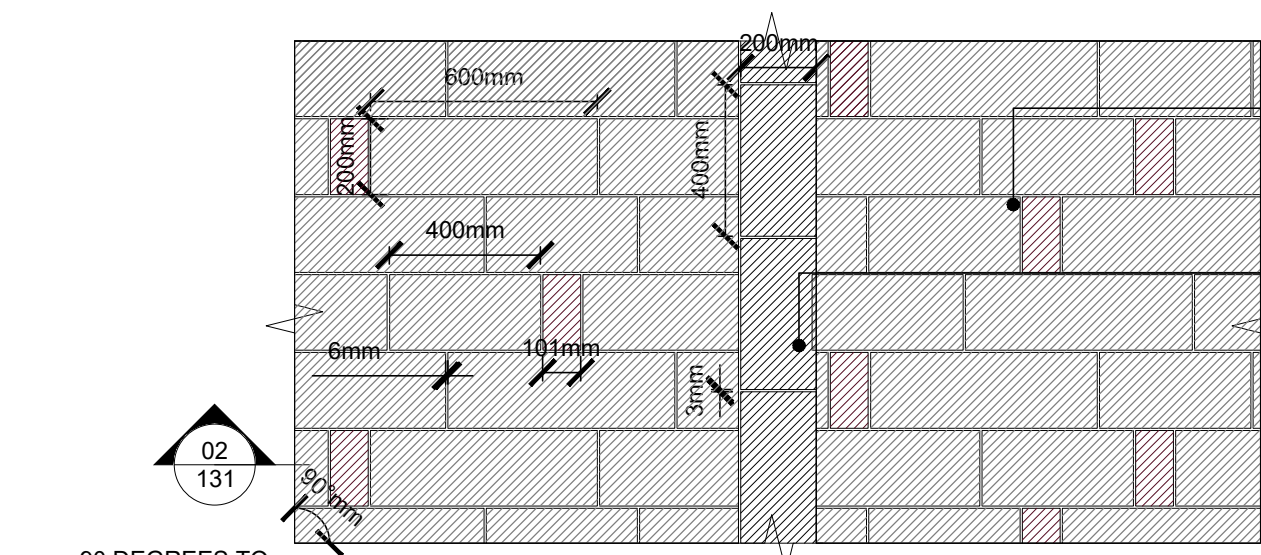
ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN
SCALE@A1	As shown	CHECKED
STATUS	Final	APPROVED

DWG. NO SHR-LDA-SB-LG-DR-L-500-111

No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000
Sources: Ordnance Survey



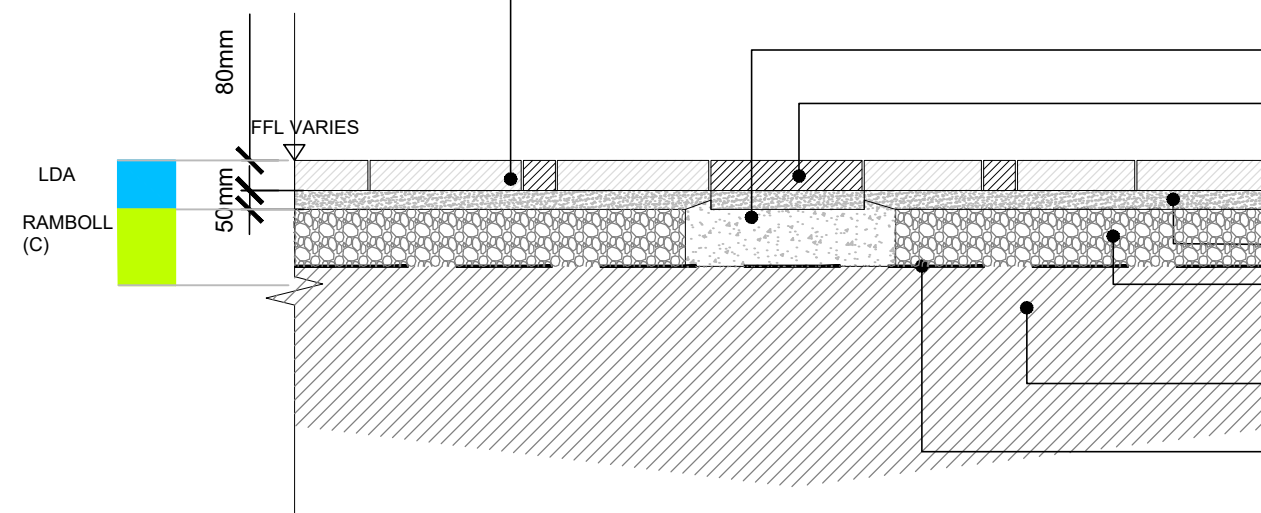


PAVING TYPE 05 - RECONSTITUTED STONE FLAG PAVING UNITS: 600MM X 200MM X 80MM OATMEAL 40% 400MM X 200MM X 80MM OATMEAL 40% AND 100MM X 200MM X 80MM INDIAN 20%; 6MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; TEXTURED FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 317

PAVING TYPE 06 - RECONSTITUTED STONE FLAG BANDING, 400MM X 200MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS, COLOUR: CHARCOAL; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 318

NOTE: FLAGS NOT TO BE CUT LESS THAN 1/3 OF ORIGINAL SIZE

01 PAVING TYPE 05/06 - FLAG PAVING TO FRIAR'S WALK
PLAN SCALE 1:25



PAVING TYPE 05 - RECONSTITUTED STONE FLAG PAVING UNITS: 600MM X 200MM X 80MM OATMEAL 40% 400MM X 200MM X 80MM OATMEAL 40% AND 100MM X 200MM X 80MM INDIAN 20%; 6MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; TEXTURED FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 317

EXPOXY MORTAR AND CONCRETE BASE TO BANDING

PAVING TYPE 06 - RECONSTITUTED STONE FLAG BANDING, 400MM X 200MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS, COLOUR: CHARCOAL; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 318

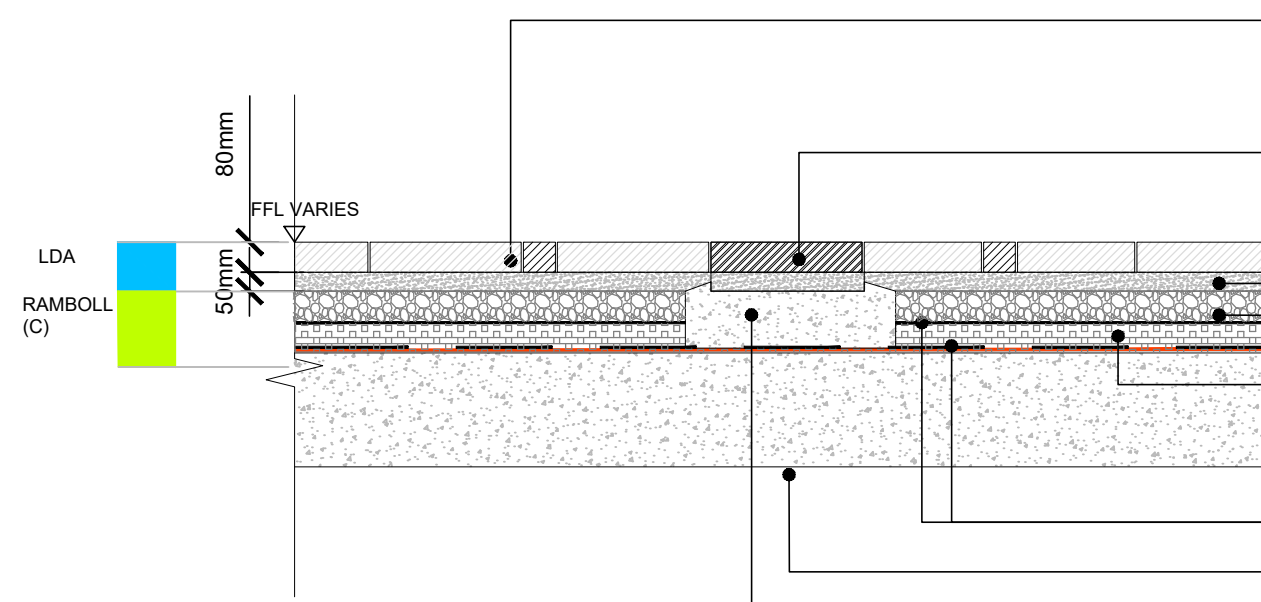
50MM SAND BEDDING LAYER

OPEN GRADE TYPE 01 SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

PERMVOID/CAPPING LAYER OVER LADE GROUND TO ENGINEER'S DETAIL AND SPECIFICATION

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATIONS

02 PAVING TYPE 05/06 - FLAG PAVING TO FRIAR'S WALK
SECTION SCALE 1:25



PAVING TYPE 05 - RECONSTITUTED STONE FLAG PAVING UNITS: 600MM X 200MM X 80MM OATMEAL 40% 400MM X 200MM X 80MM OATMEAL 40% AND 100MM X 200MM X 80MM INDIAN 20%; 6MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; TEXTURED FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 317

PAVING TYPE 06 - RECONSTITUTED STONE FLAG BANDING, 400MM X 200MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS, COLOUR: CHARCOAL; SMOOTH FINISH; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 318

50MM SAND BEDDING LAYER

OPEN GRADE TYPE 01 SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

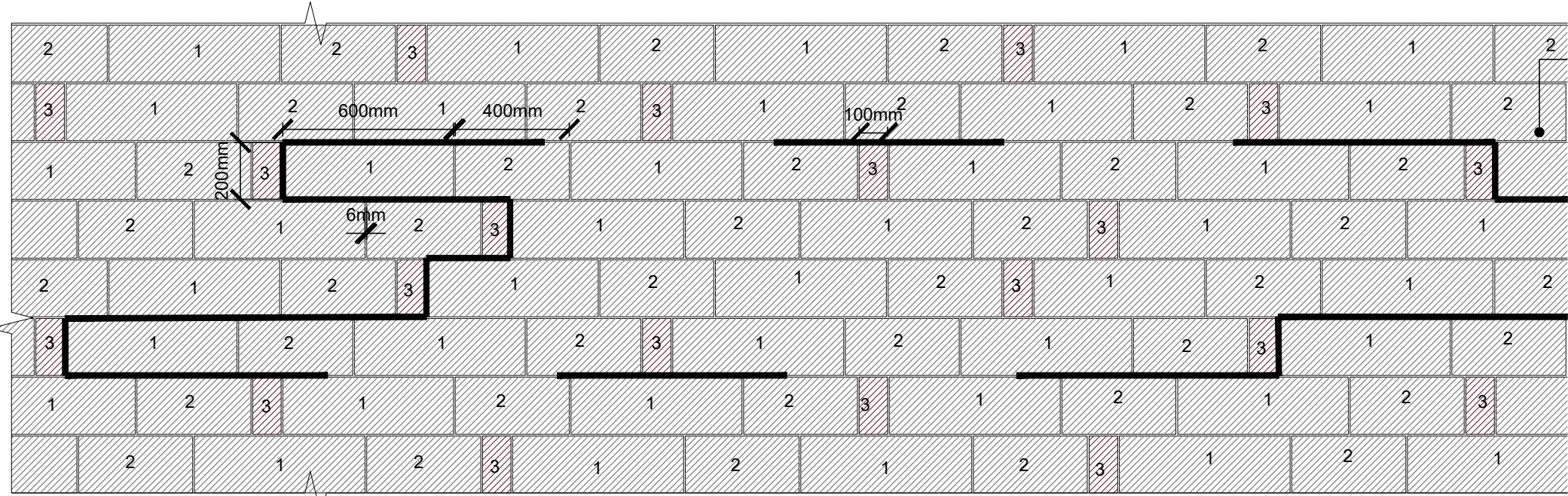
PERMAVOID SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATIONS

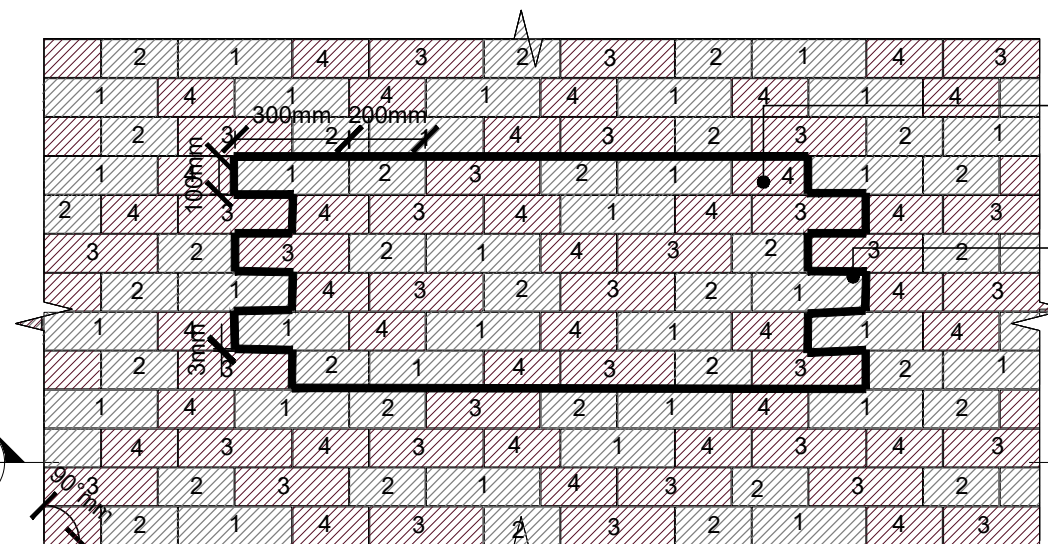
STRUCTURAL SLAB TO ENGINEER'S DESIGN

EXPOXY MORTAR AND CONCRETE BASE TO BANDING

03 PAVING TYPE 05/06 - FLAG PAVING TO FRIAR'S WALK
SECTION SCALE 1:25



1A PAVING TYPE 05 - FLAG PAVING TO FRIAR'S WALK
PLAN SCALE 1:25

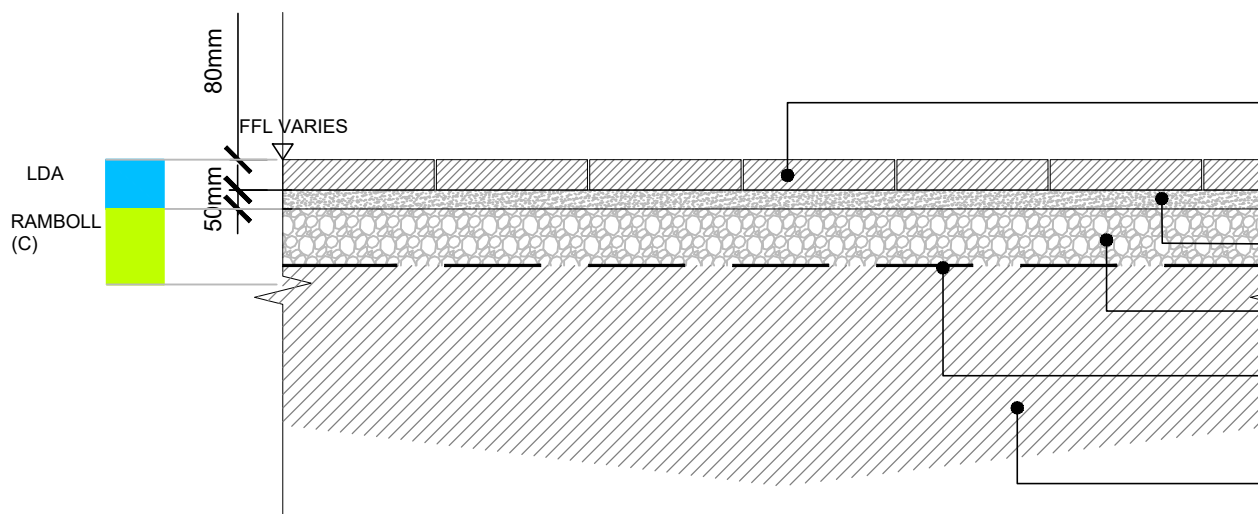


PAVING TYPE 07 - RECONSTITUTED STONE FLAG PAVING UNITS 300/200MM X 100MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; COLOUR: OATMEAL 50%; INDIAN 50%; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 319

REPEATING PATTERN TO CONTINUE EITHER SIDE OF BANDING WHEN PUNCTUATED BY BANDING (PAVING TYPE 06)

NOTE: FLAGS NOT TO BE CUT LESS THAN 1/3 OF ORIGINAL SIZE

04 PAVING TYPE 07 - TO FRIAR'S WALK
PLAN SCALE 1:25



PAVING TYPE 07 - RECONSTITUTED STONE FLAG PAVING UNITS 300/200MM X 100MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; COLOUR: OATMEAL 50%; INDIAN 50%; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 319

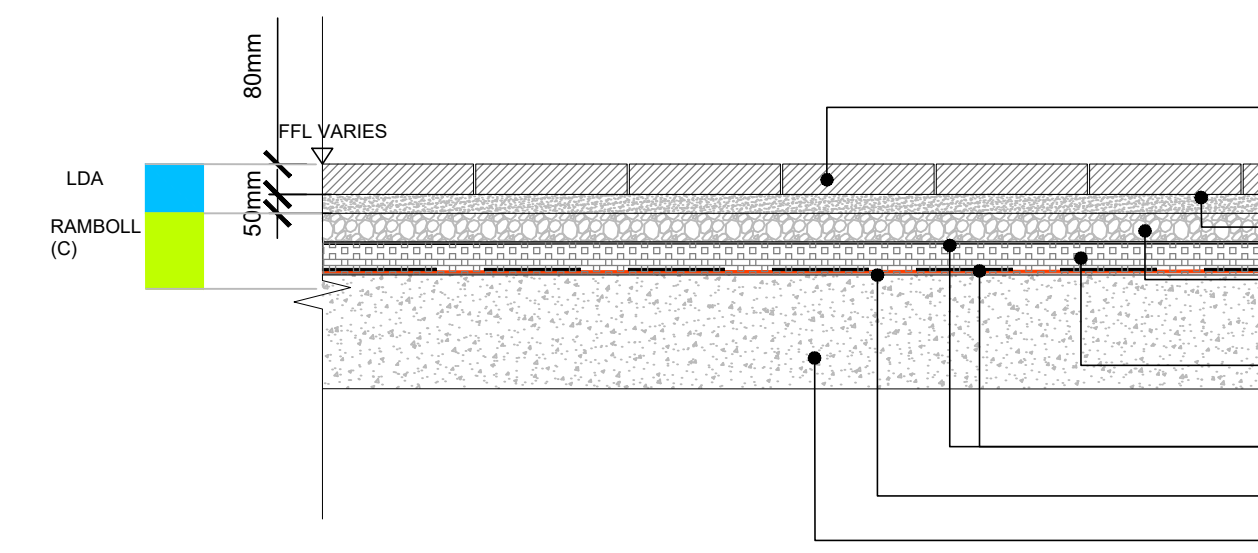
50MM SAND BEDDING LAYER

OPEN GRADE TYPE 01 SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATIONS

PERMVOID/CAPPING LAYER OVER LADE GROUND TO ENGINEER'S DETAIL AND SPECIFICATION

05 PAVING TYPE 07 - TO FRIAR'S WALK AT GRADE
SECTION SCALE 1:25



PAVING TYPE 07 - RECONSTITUTED STONE FLAG PAVING UNITS 300/200MM X 100MM X 80MM; 3MM KILN DRIED SAND SWEPT JOINTS; REGULAR COURSE; COLOUR: OATMEAL 50%; INDIAN 50%; TEXTURED FINISH; RANDOM PATTERN; EQUAL AND APPROVED; REFER TO SPECIFICATION REFERENCE Q25 319

50MM SAND BEDDING LAYER

OPEN GRADE TYPE 01 SUB-BASE TO ENGINEER'S DETAILS AND SPECIFICATIONS

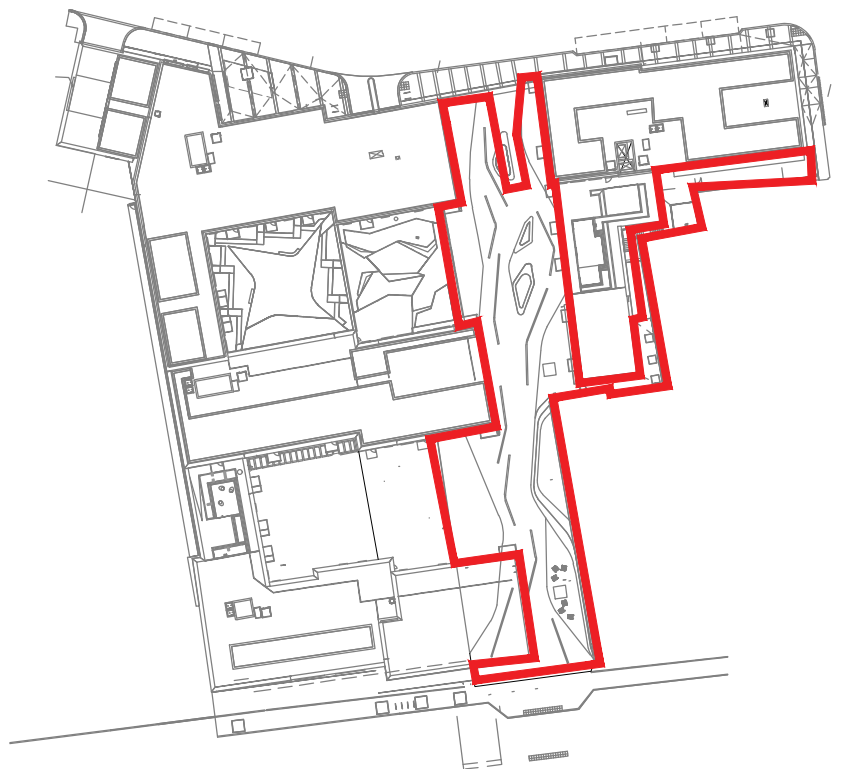
85MM - 150MM PERMAVOID TO ENGINEER'S DETAIL AND SPECIFICATION

GEOTEXTILE TO ENGINEERS DETAILS AND SPECIFICATIONS

WATER PROOFING TO ENGINEER'S DETAIL

STRUCTURAL SLAB TO ENGINEER'S DESIGN

06 PAVING TYPE 07 - TO FRIAR'S WALK OVER BASEMENT STRUCTURE
SECTION SCALE 1:25



C02	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
C01	Contract Issue	CI	09/09/19
REV.	DESCRIPTION	APP.	DATE

LD&DESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PODIUM PAVING DETAILS FRIAR'S WALK

ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

DWG. NO SHR-LDA-SB-GF-DR-L-500-131

No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001: 2000

Sources Ordnance Survey

READ THIS FIRST

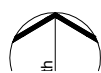
Note for Contractors

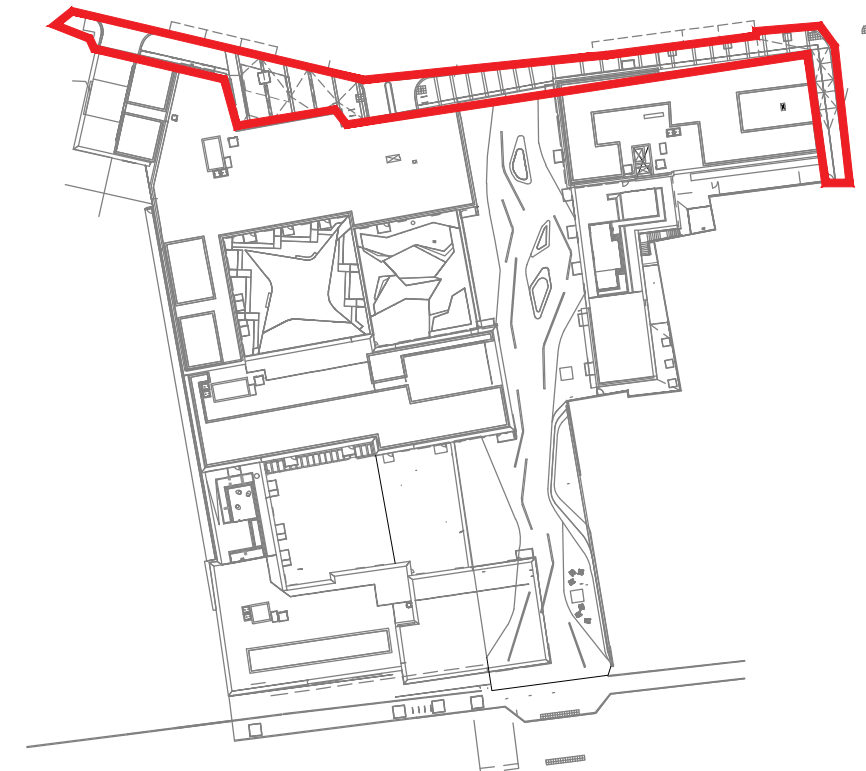
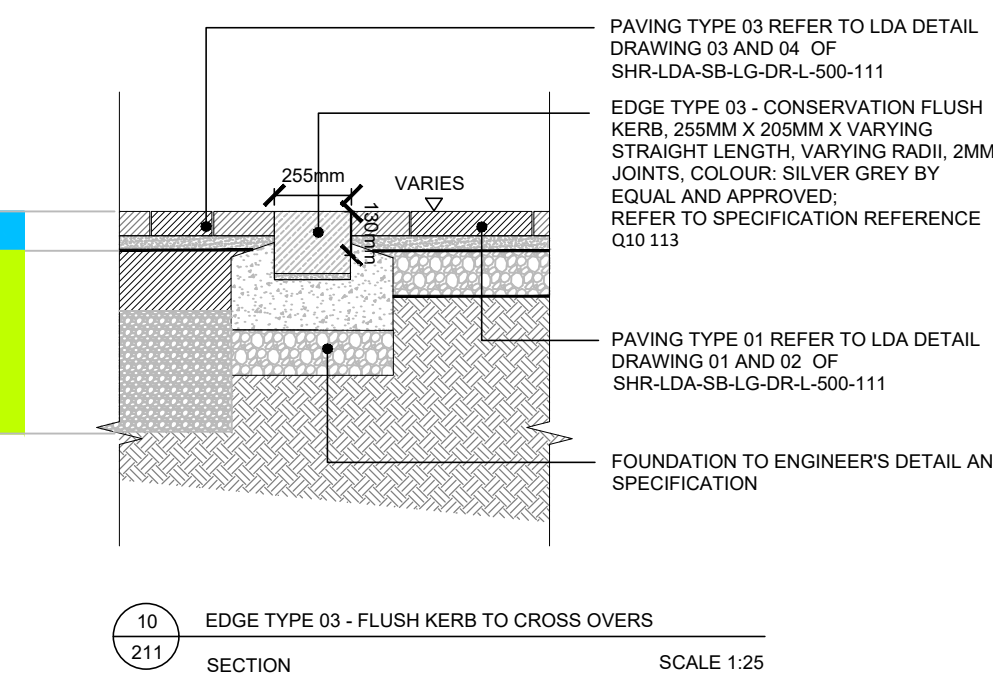
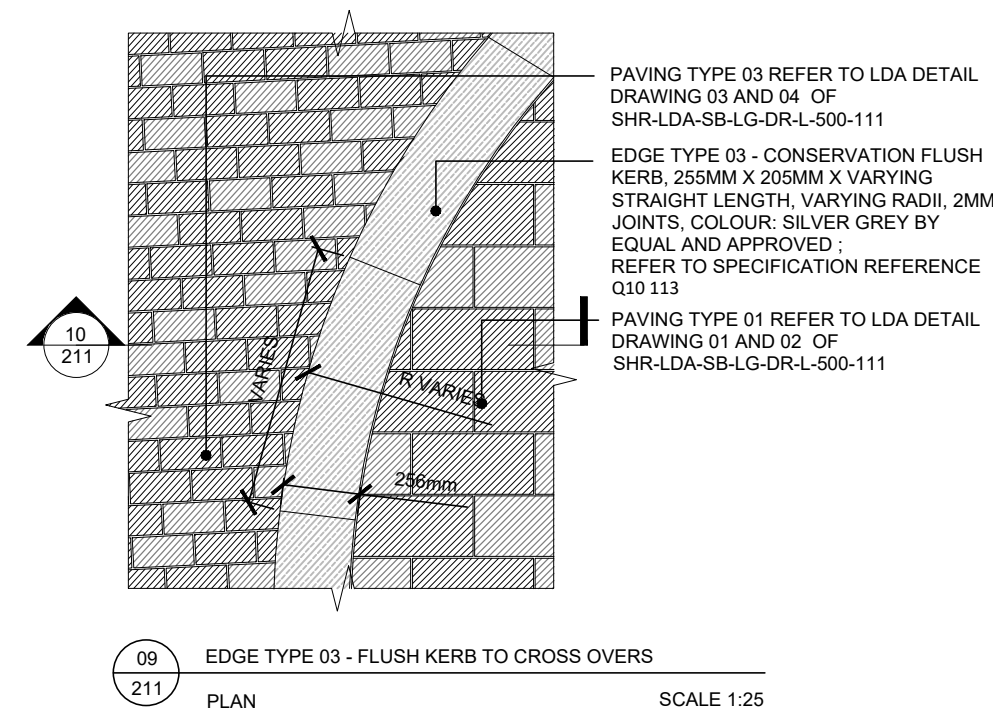
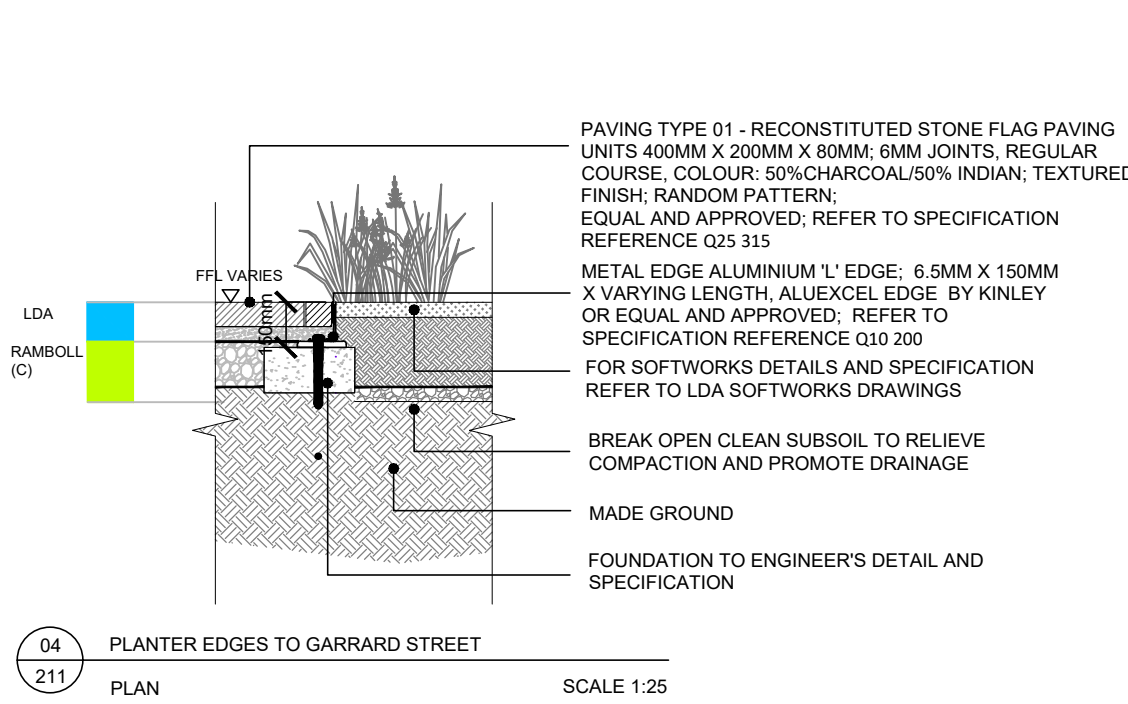
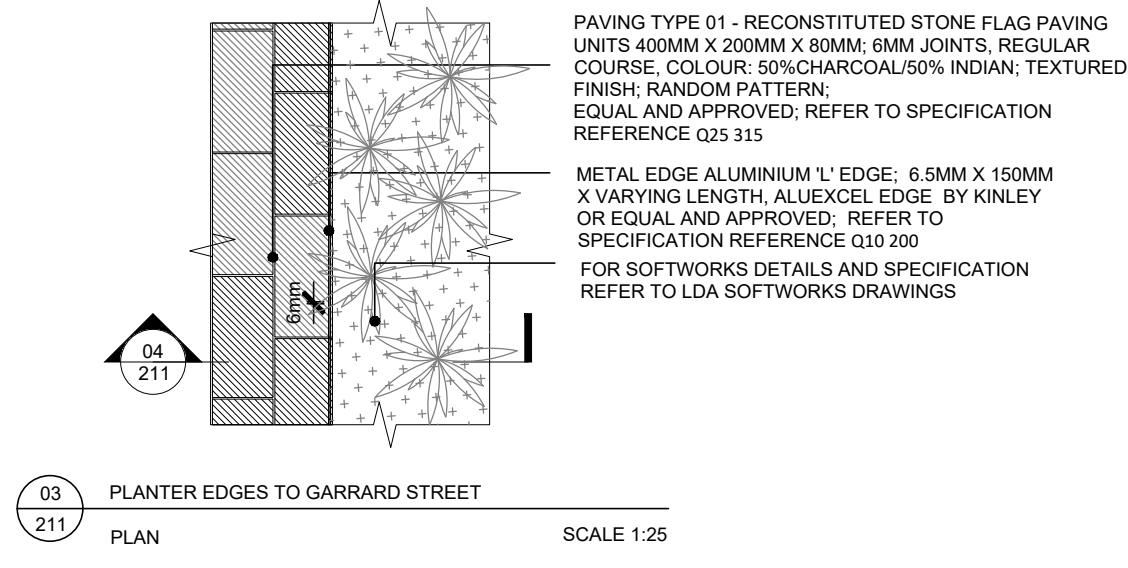
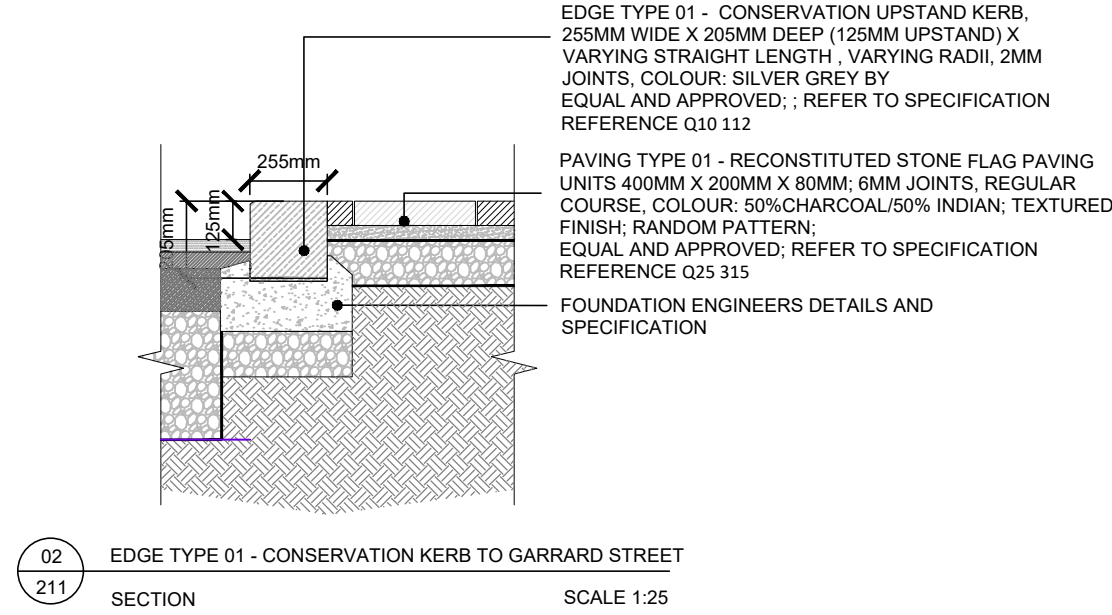
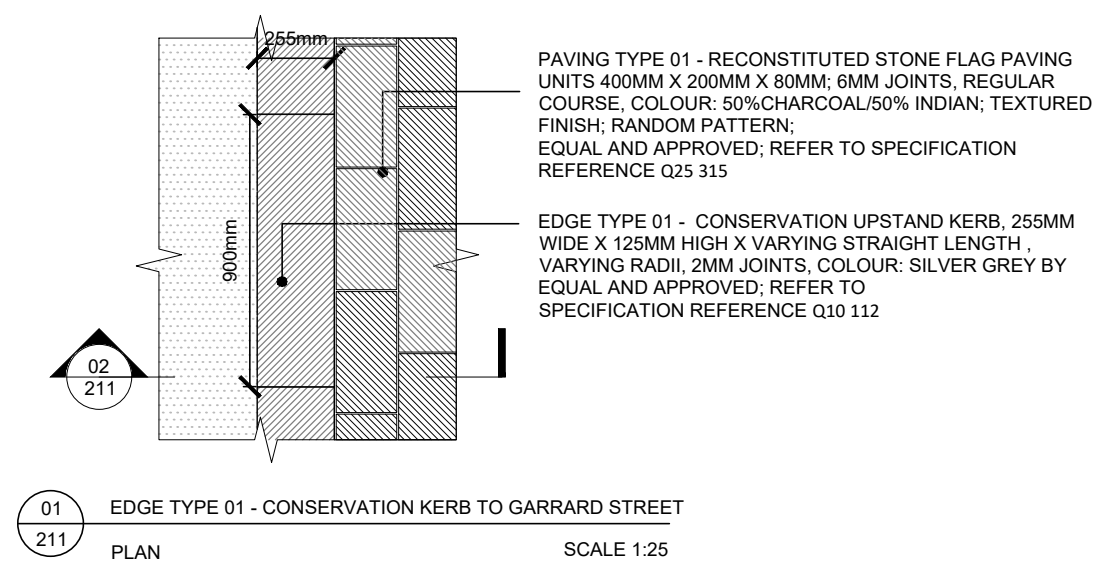
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers

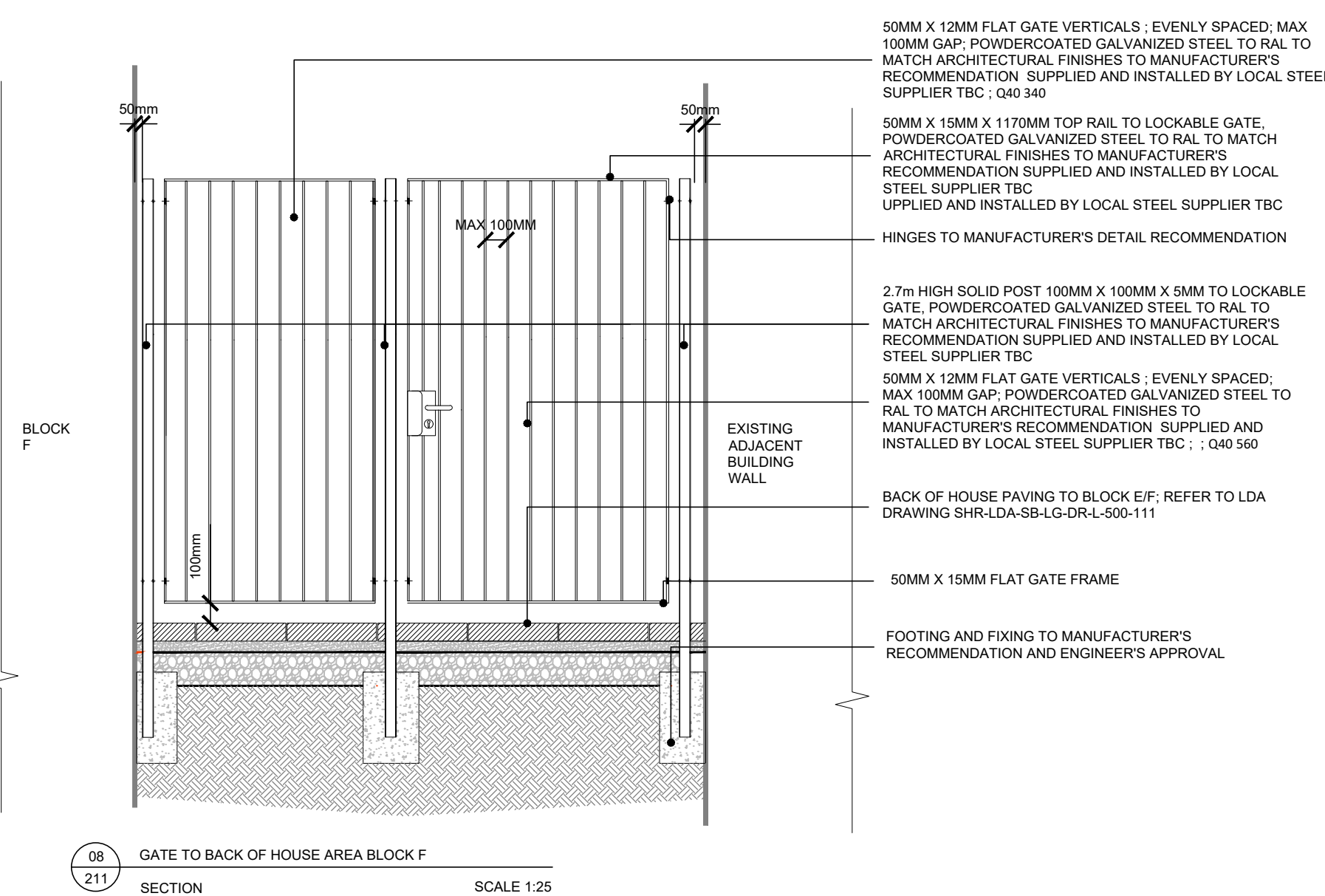
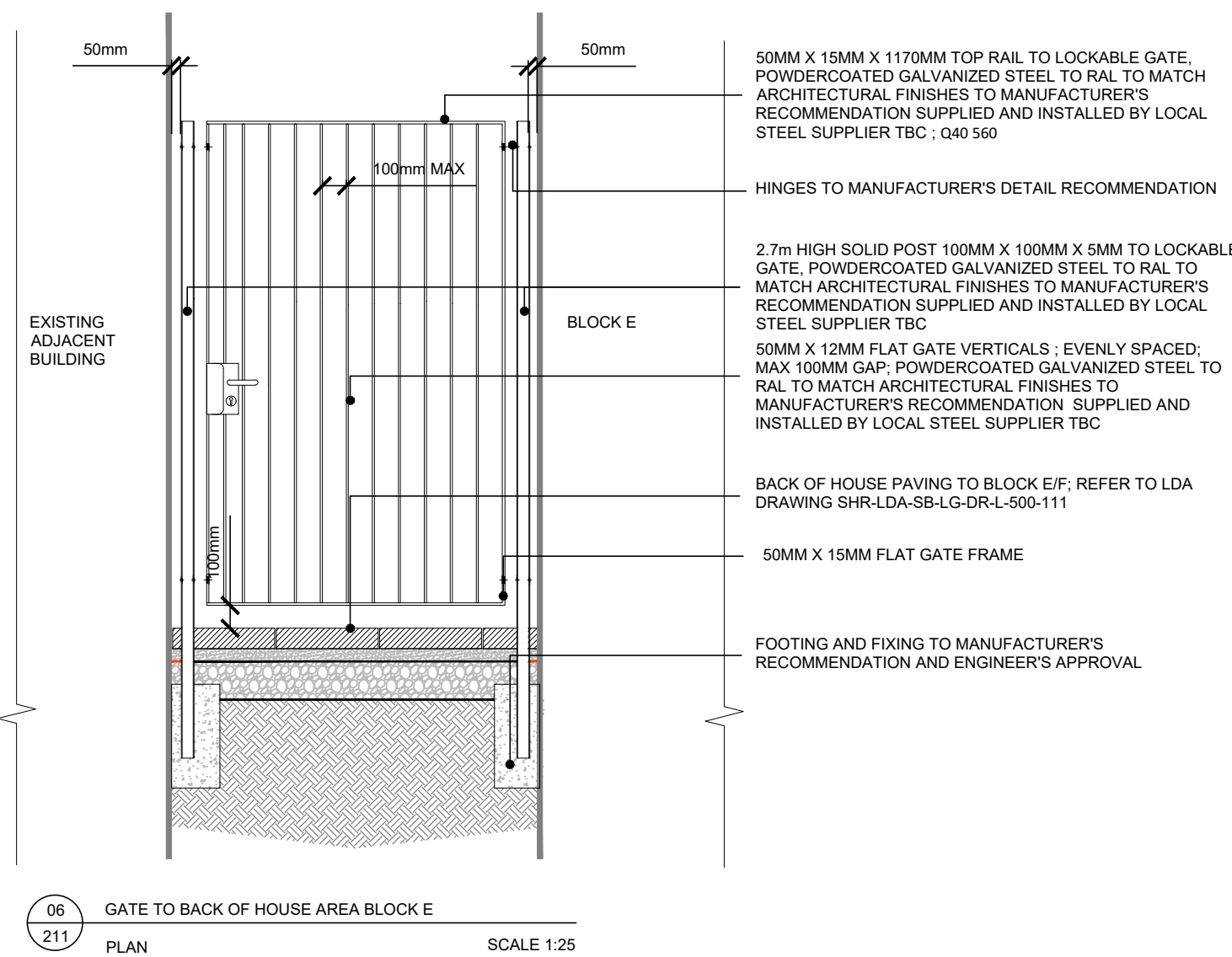
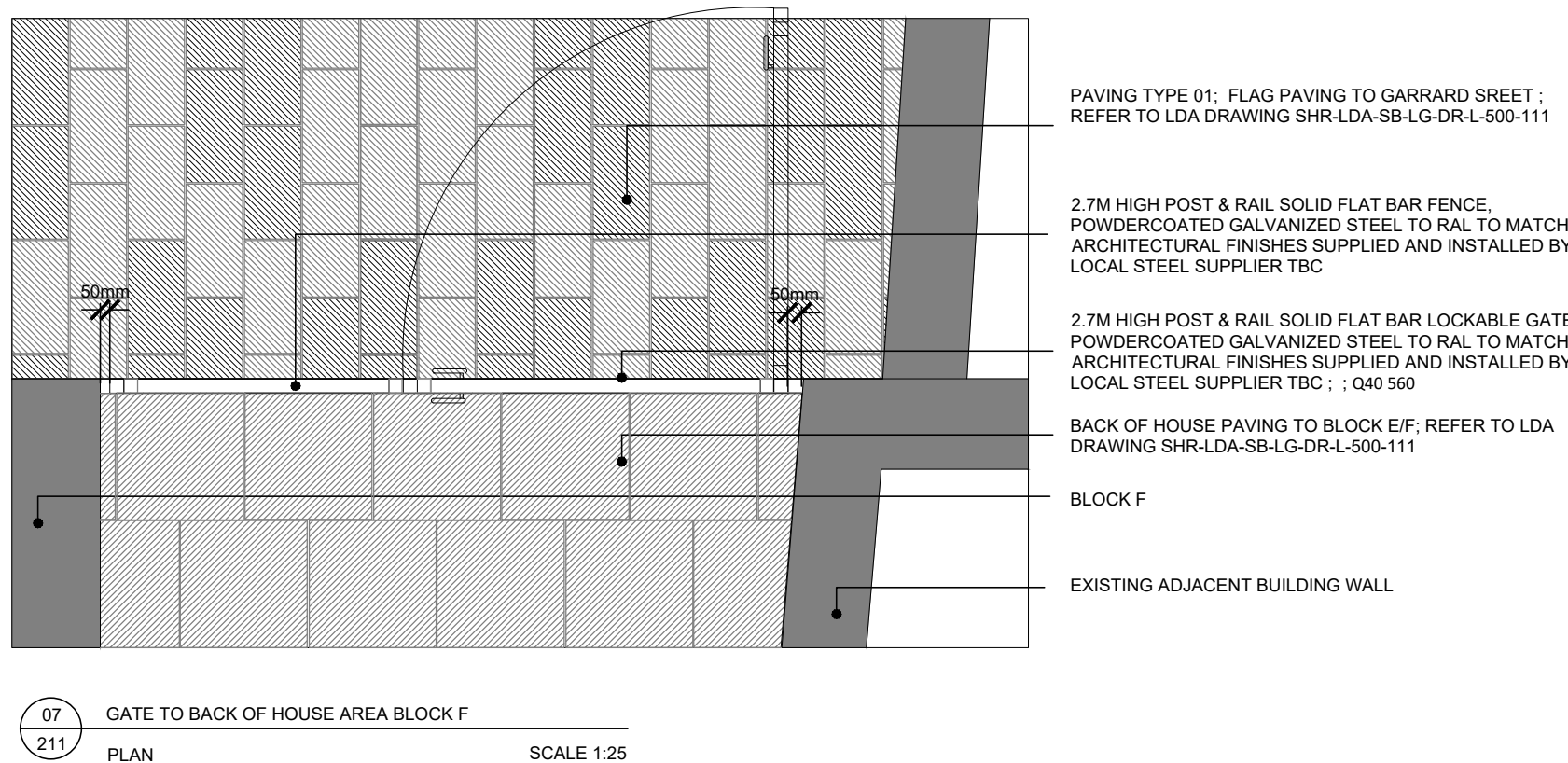
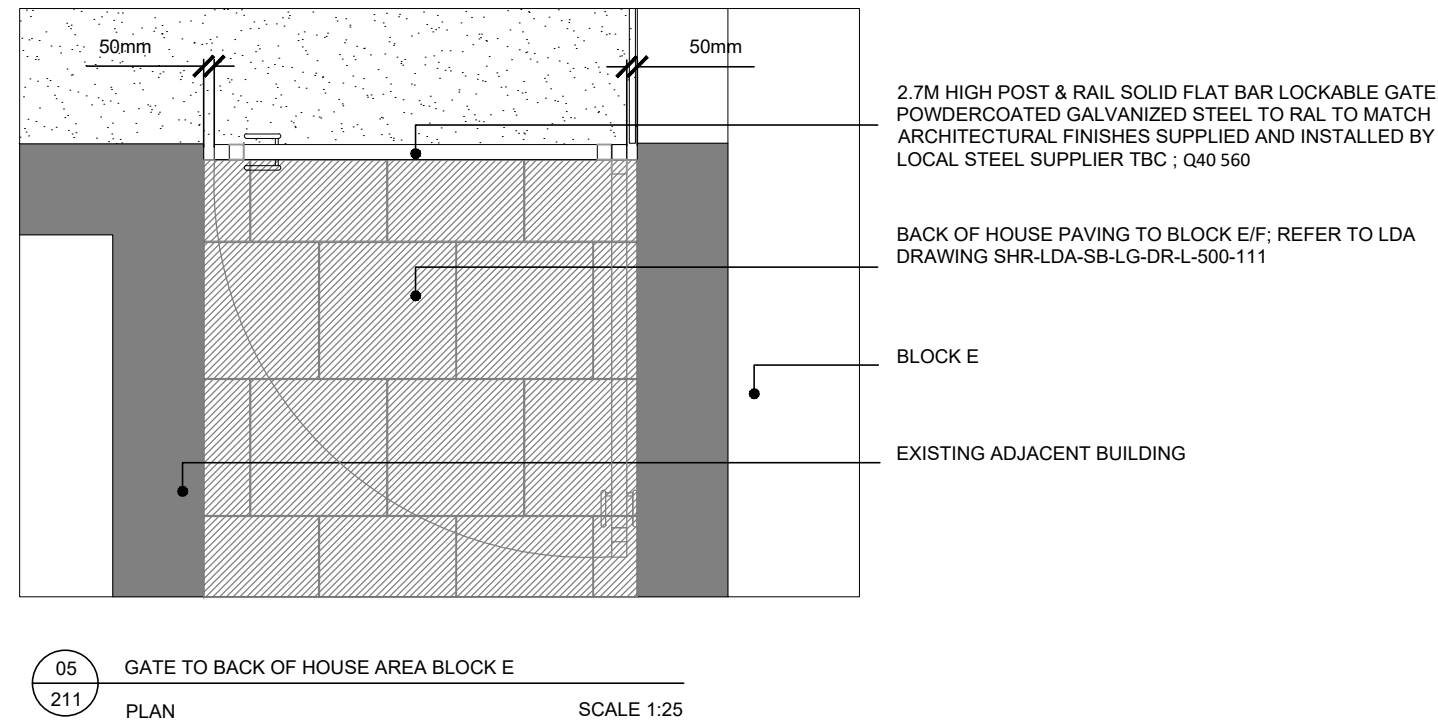
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).





NOTES:
WORKS OUTSIDE OF SITE BOUNDARY SUBJECT TO S278 AGREEMENT



READ THIS FIRST

Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C02 Stage 3 Issue - Optimisation Redesign
C01 Contract Issue
REV. DESCRIPTION
CI 13/11/20
CI 09/09/19
APP. DATE

LDA DESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PUBLIC REALM EDGE TYPE DETAILS
GARRARD STREET

ISSUED BY London T: 020 7467 1470
DATE SEPT 2019 DRAWN ER
SCALE@A1 As shown CHECKED BE
STATUS Final APPROVED CI

DWG. NO SHR-LDA-SB-LG-DR-L-500-211

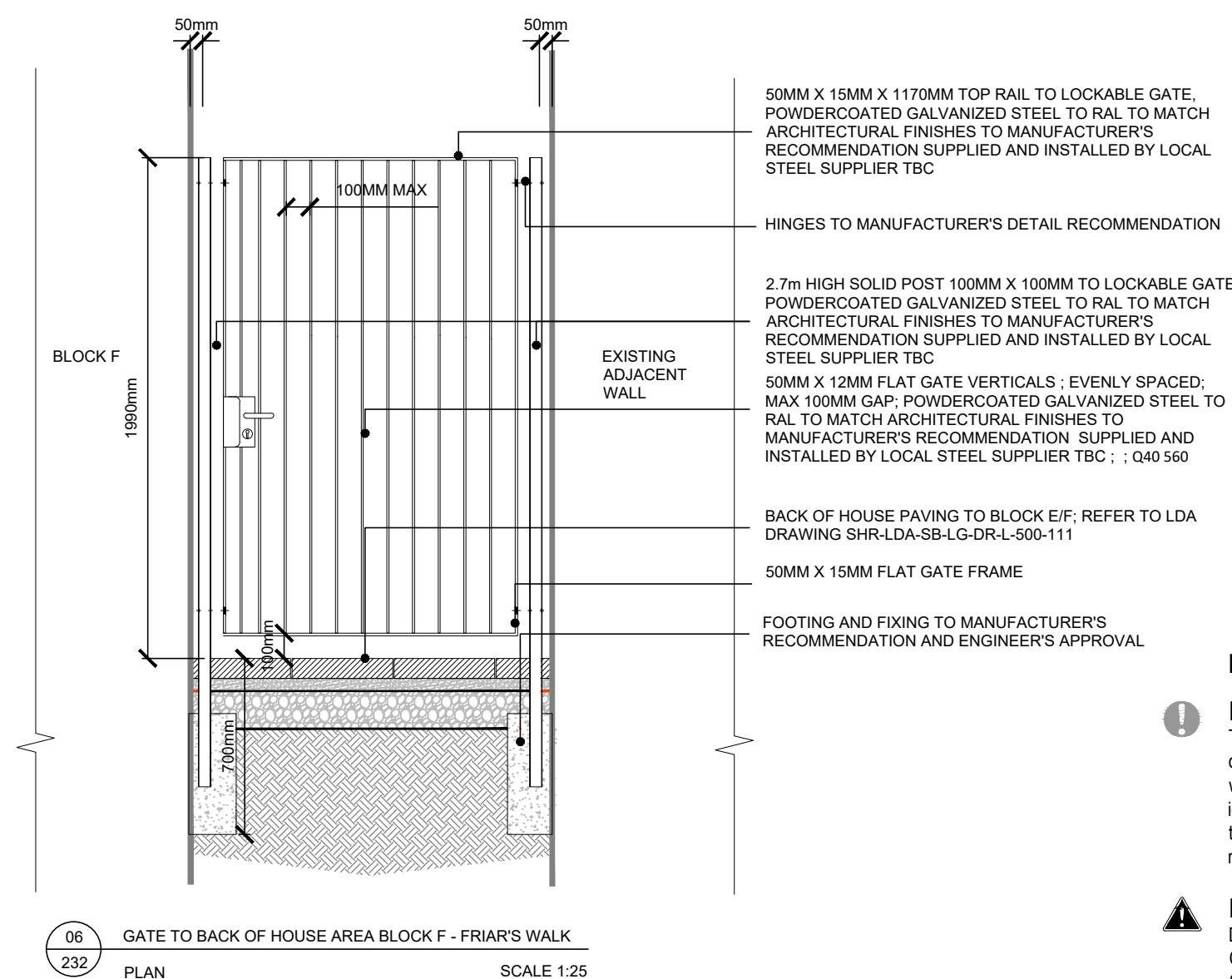
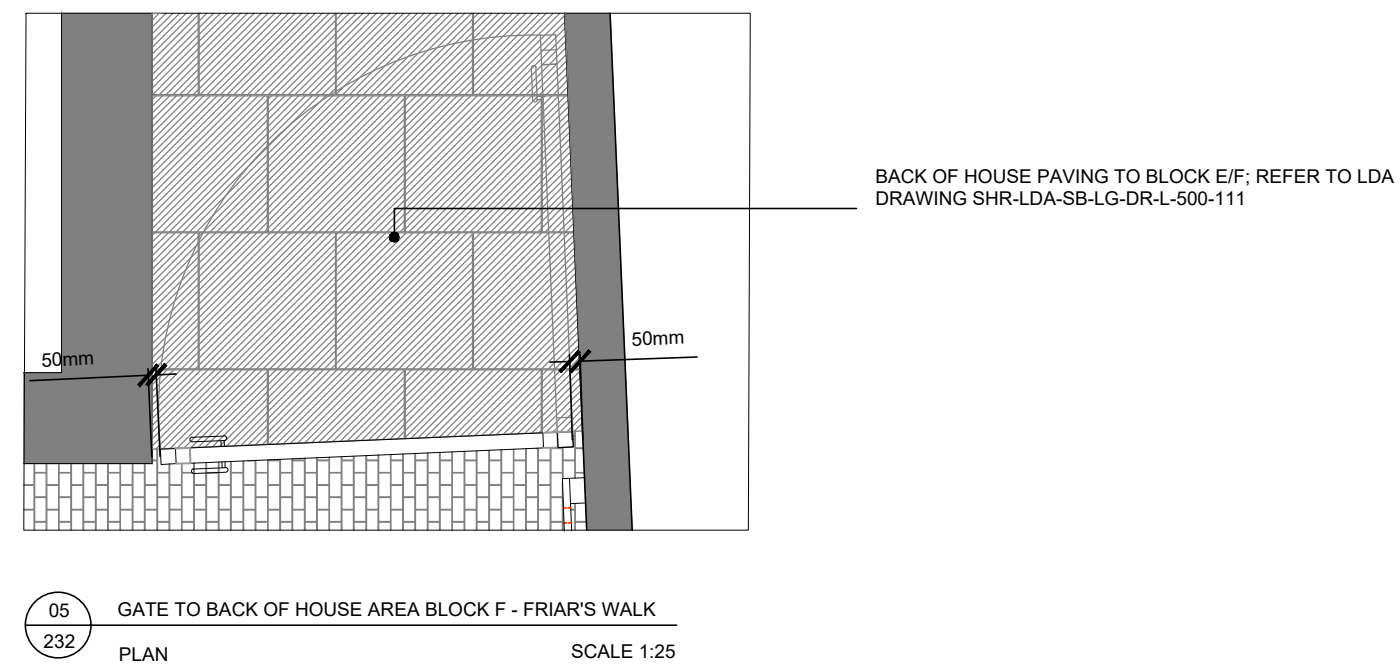
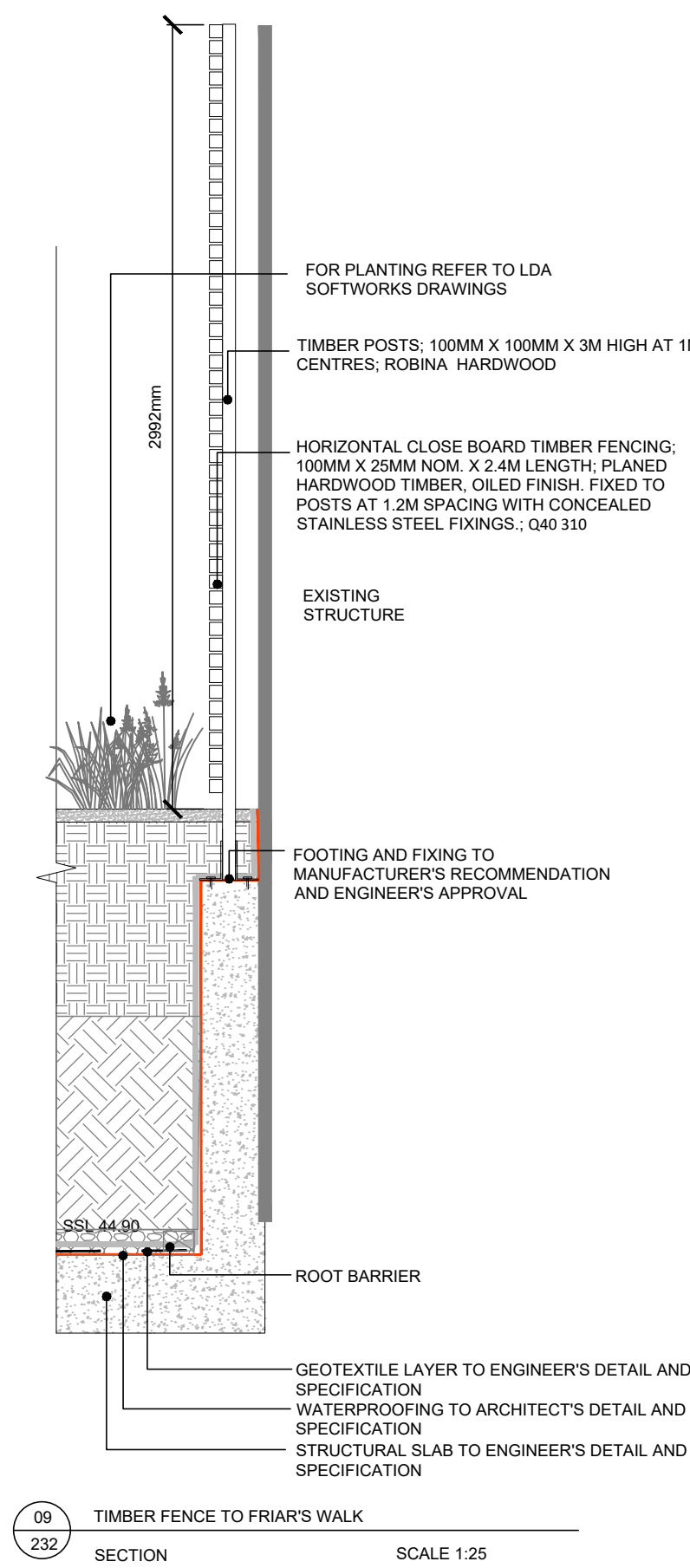
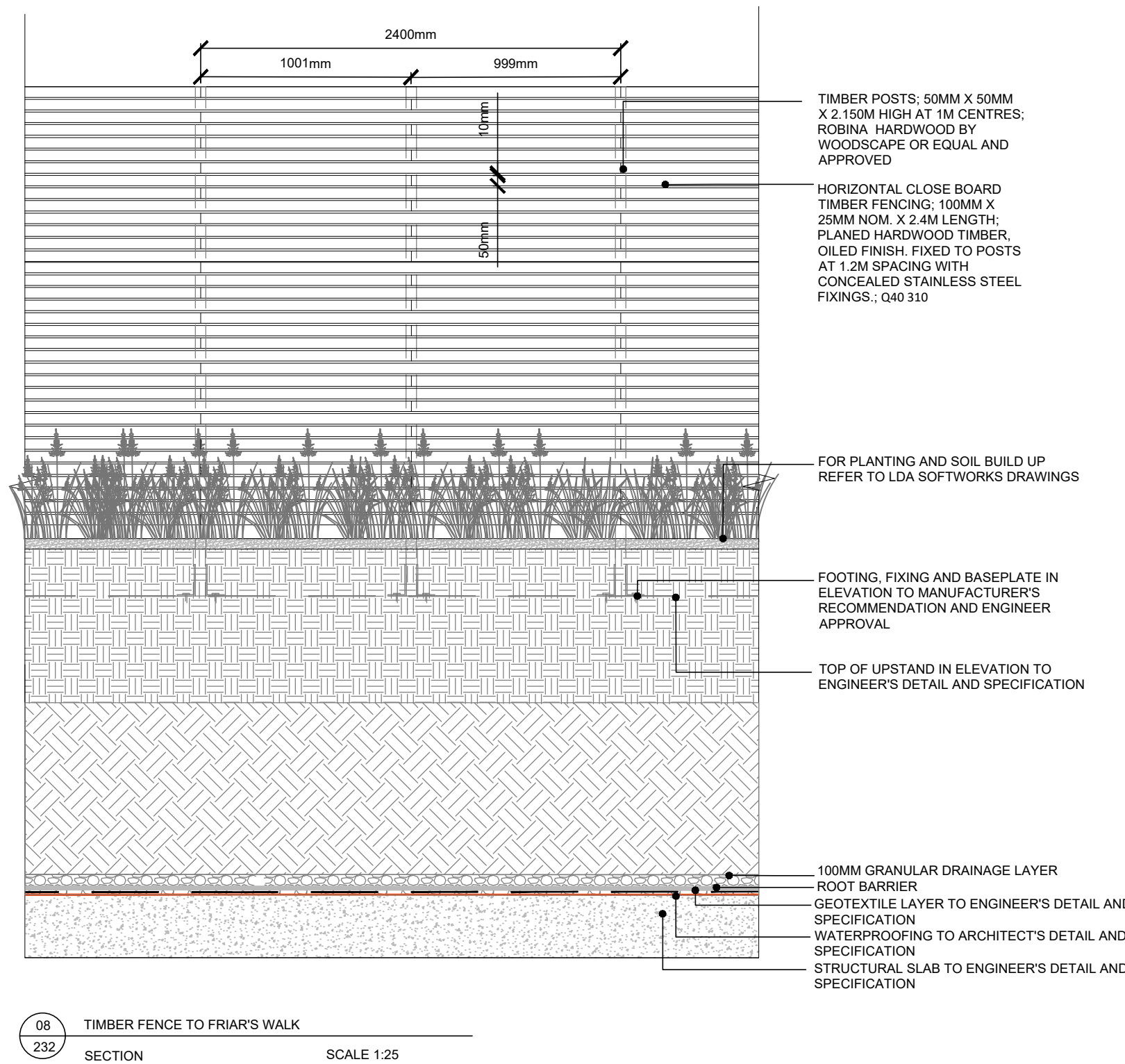
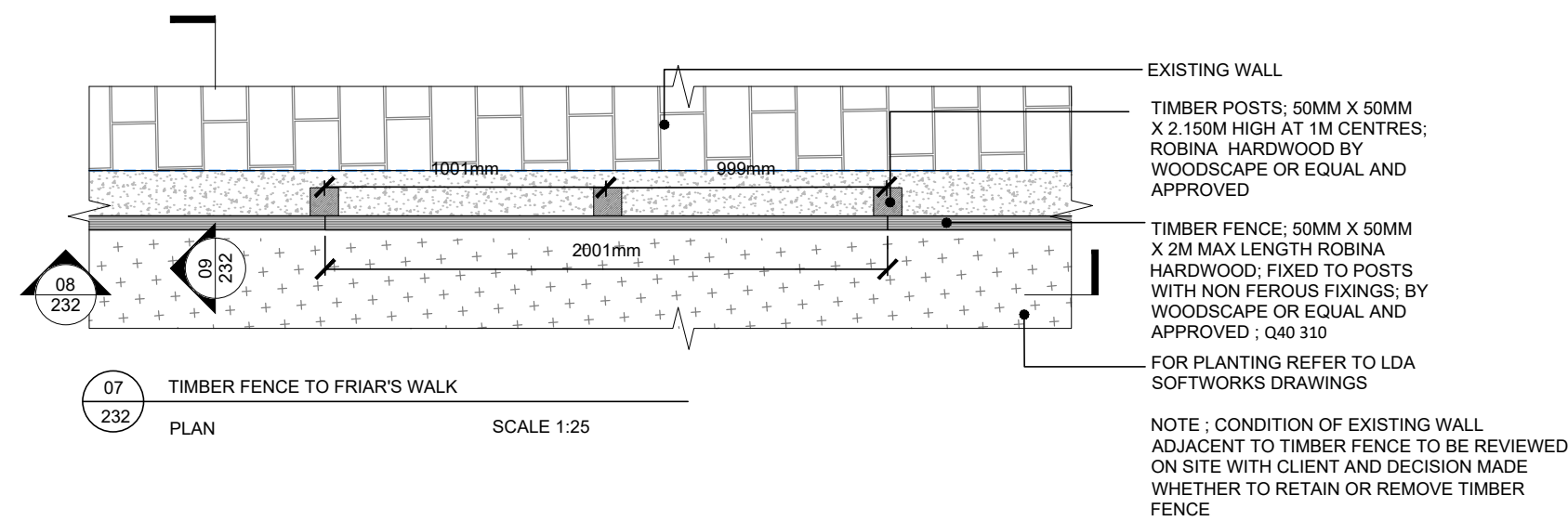
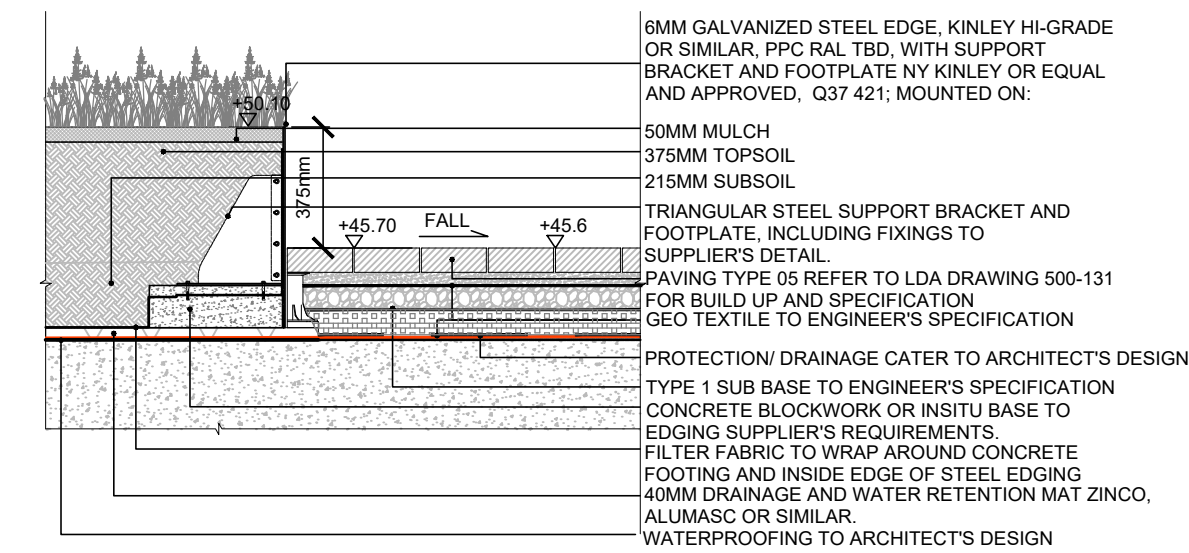
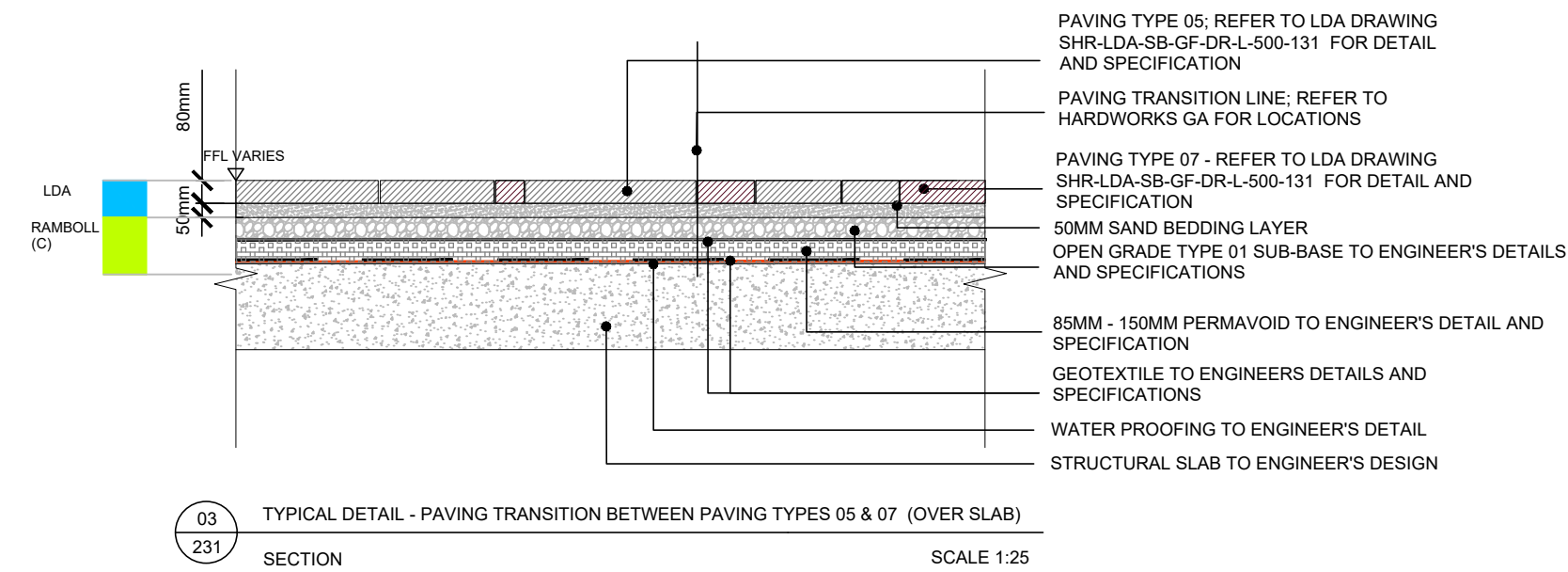
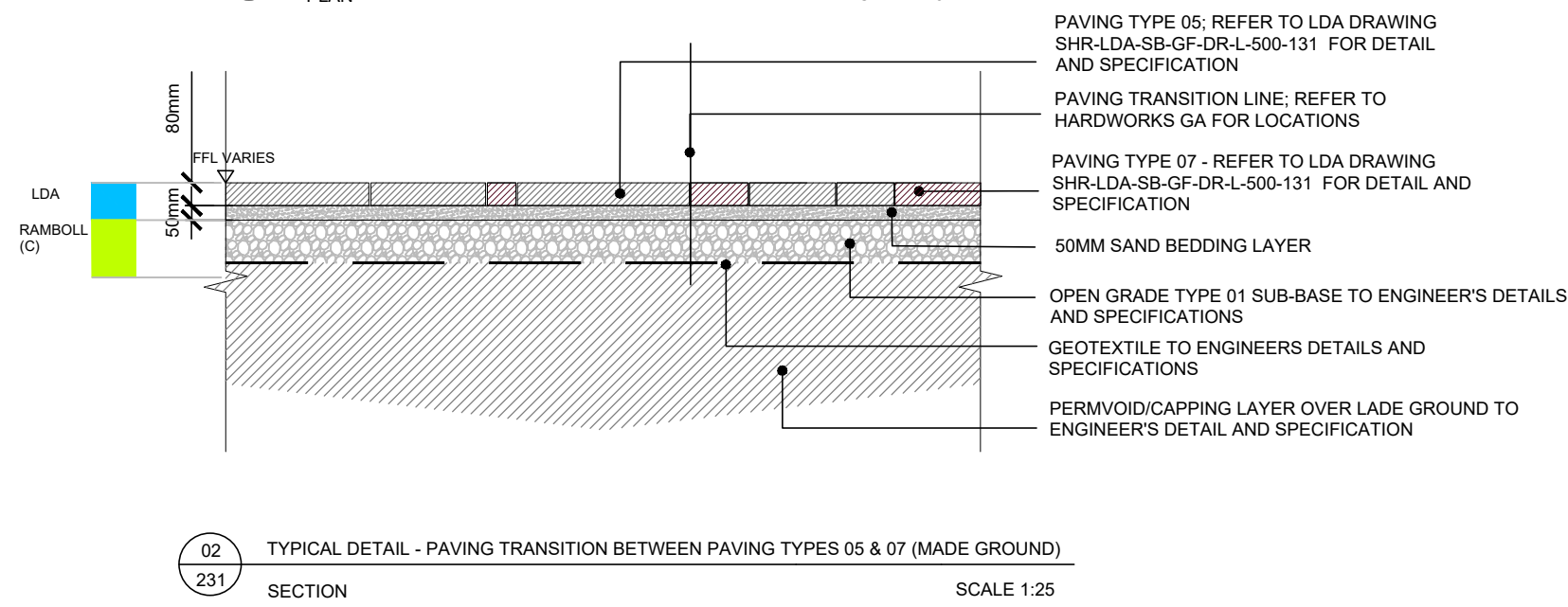
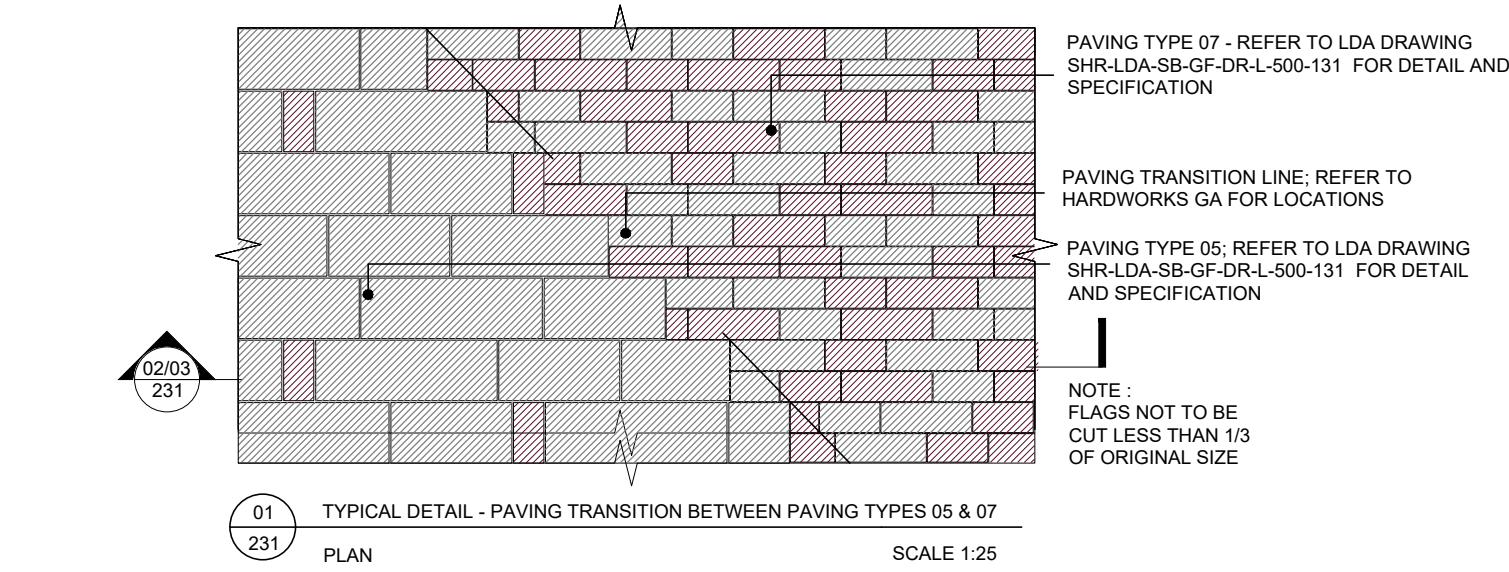
No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000

Sources Ordnance Survey

Scale as shown





READ THIS FIRST

Note for Contractors

This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.



Note for Workers

DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).



Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C03	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
C02	Contract Issue - Friar's Walk Re-Design	CI	21/02/20
C01	Contract Issue	CI	08/06/19
REV.	DESCRIPTION	APP.	DATE

LDĀ DESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PODIUM EDGE TYPE DETAILS
FRIAR'S WALK SHEET 1 OF 2

ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

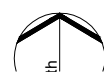
DWG. NO SHR-LDA-SB-GF-DR-L-500-231

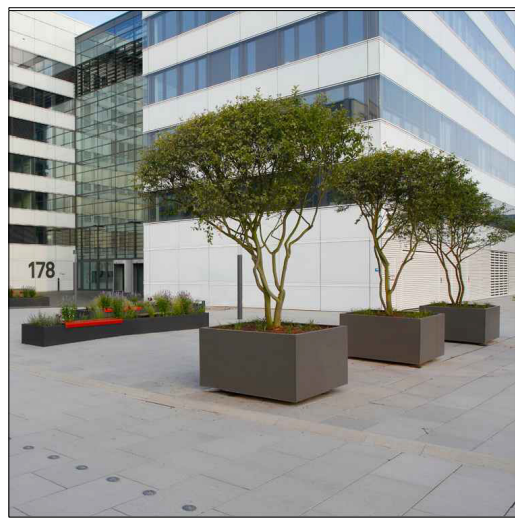
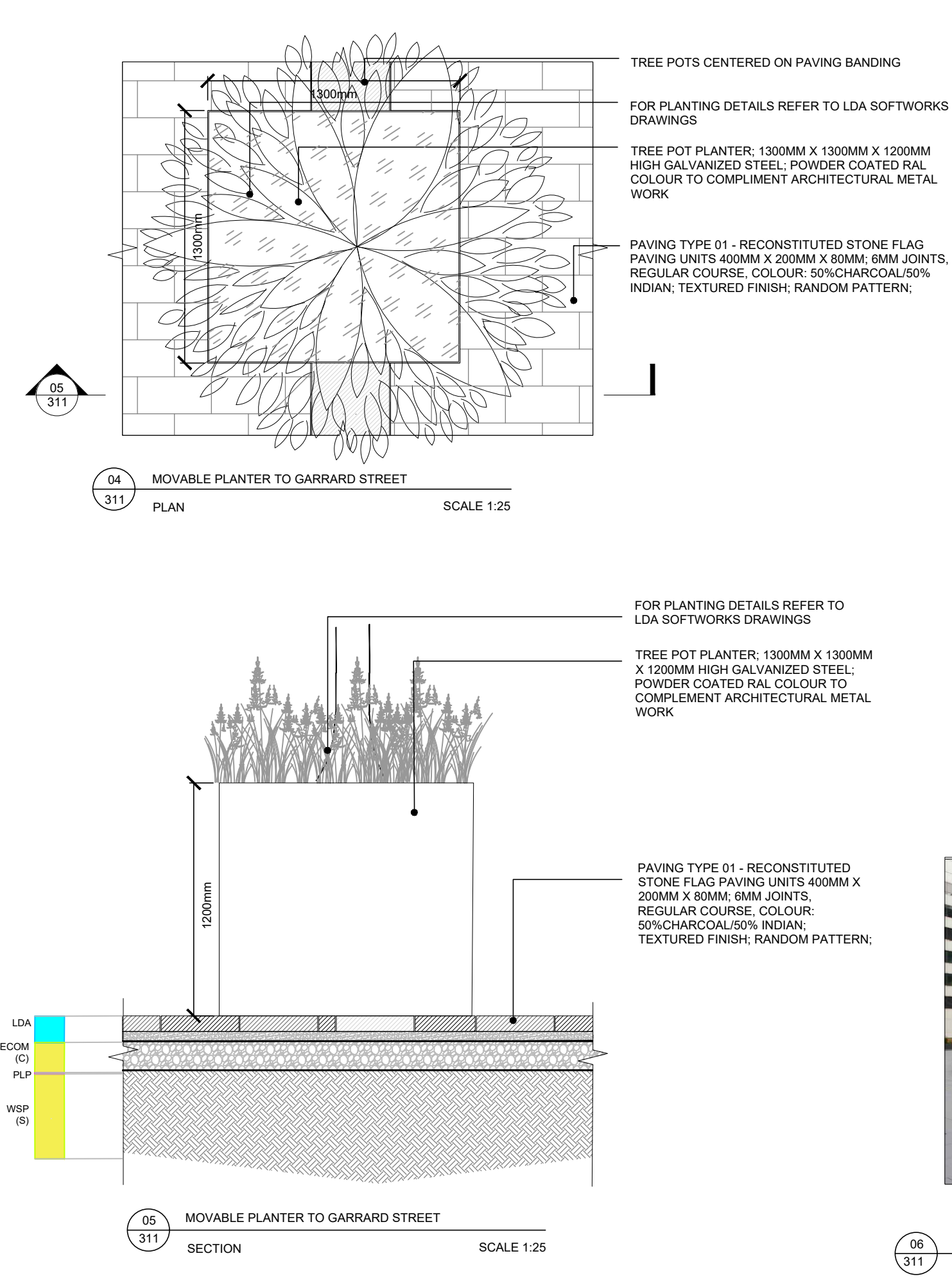
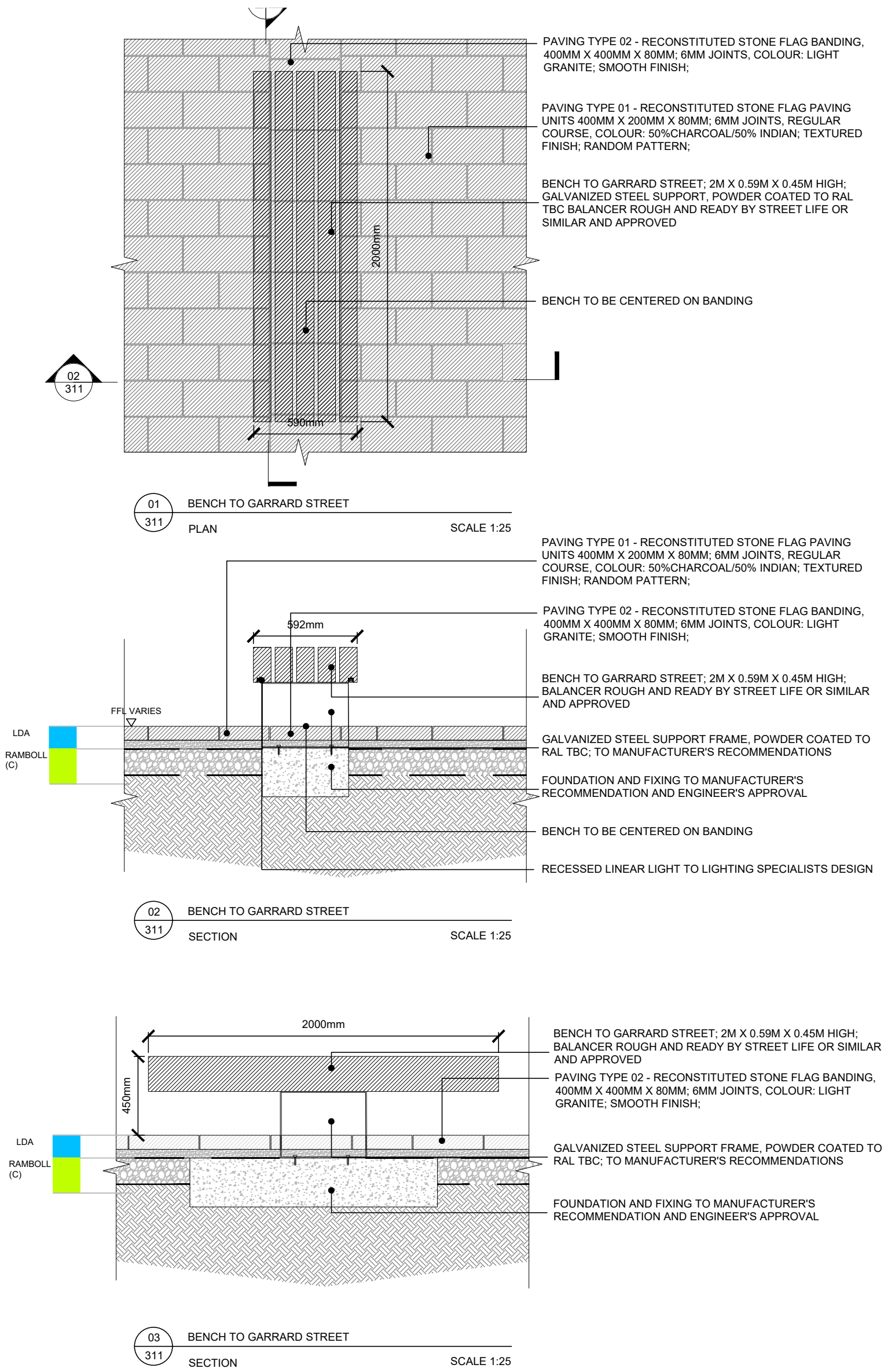
No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000

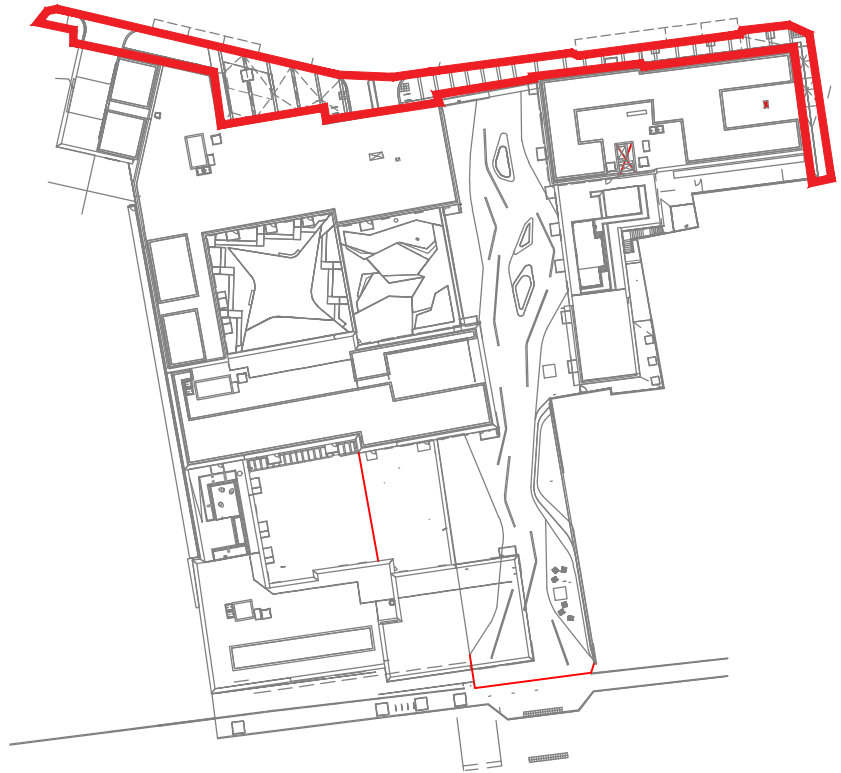
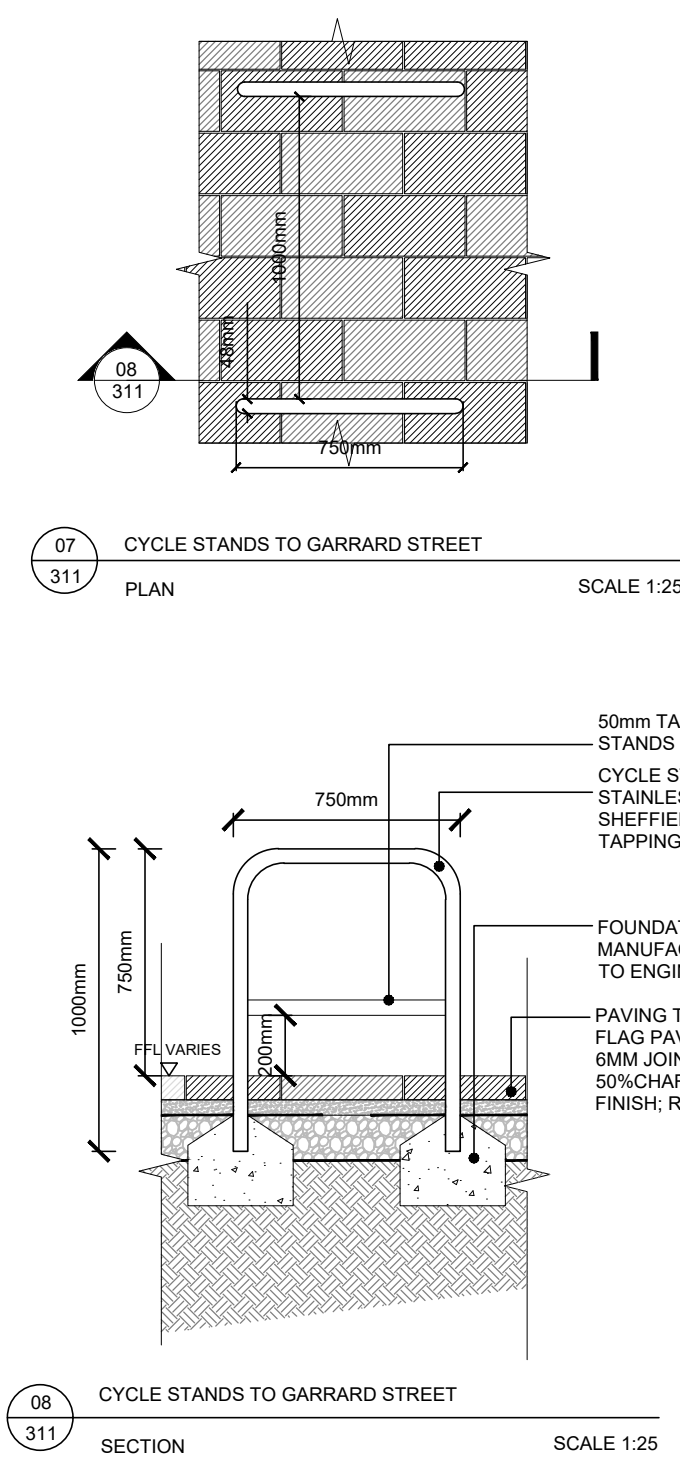
Sources Ordnance Survey

Scale as shown





06 MOVABLE PLANTER TO GARRARD STREET
PRECEDENT IMAGE



READ THIS FIRST

- Note for Contractors**
- This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.
- Note for Workers**
- DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).
- Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C02	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
C01	Contract Issue	CI	09/08/19
REV.	DESCRIPTION	APP.	DATE

LDĀDESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

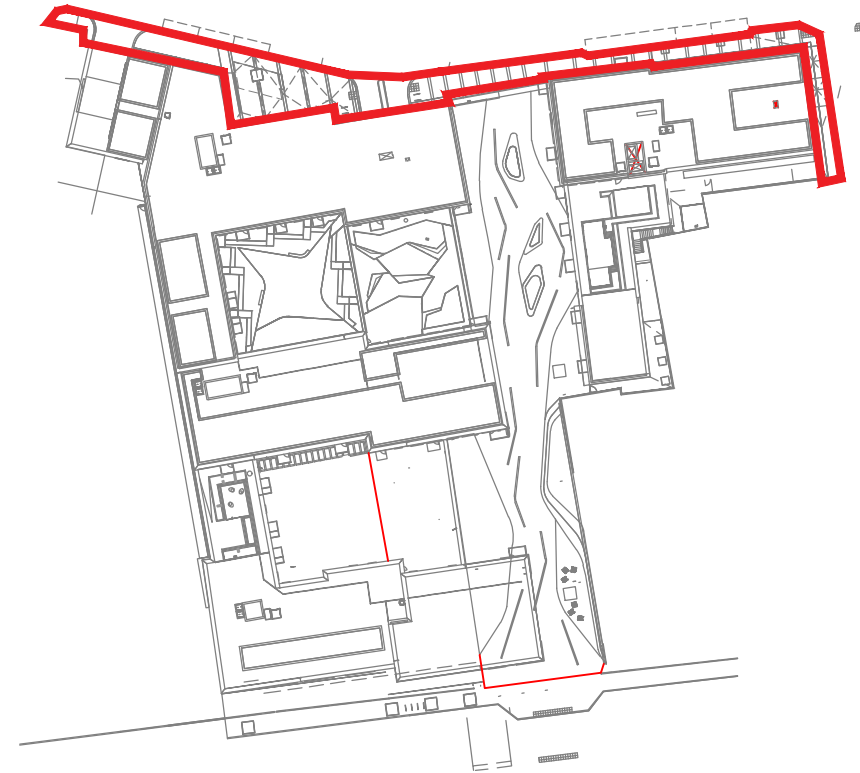
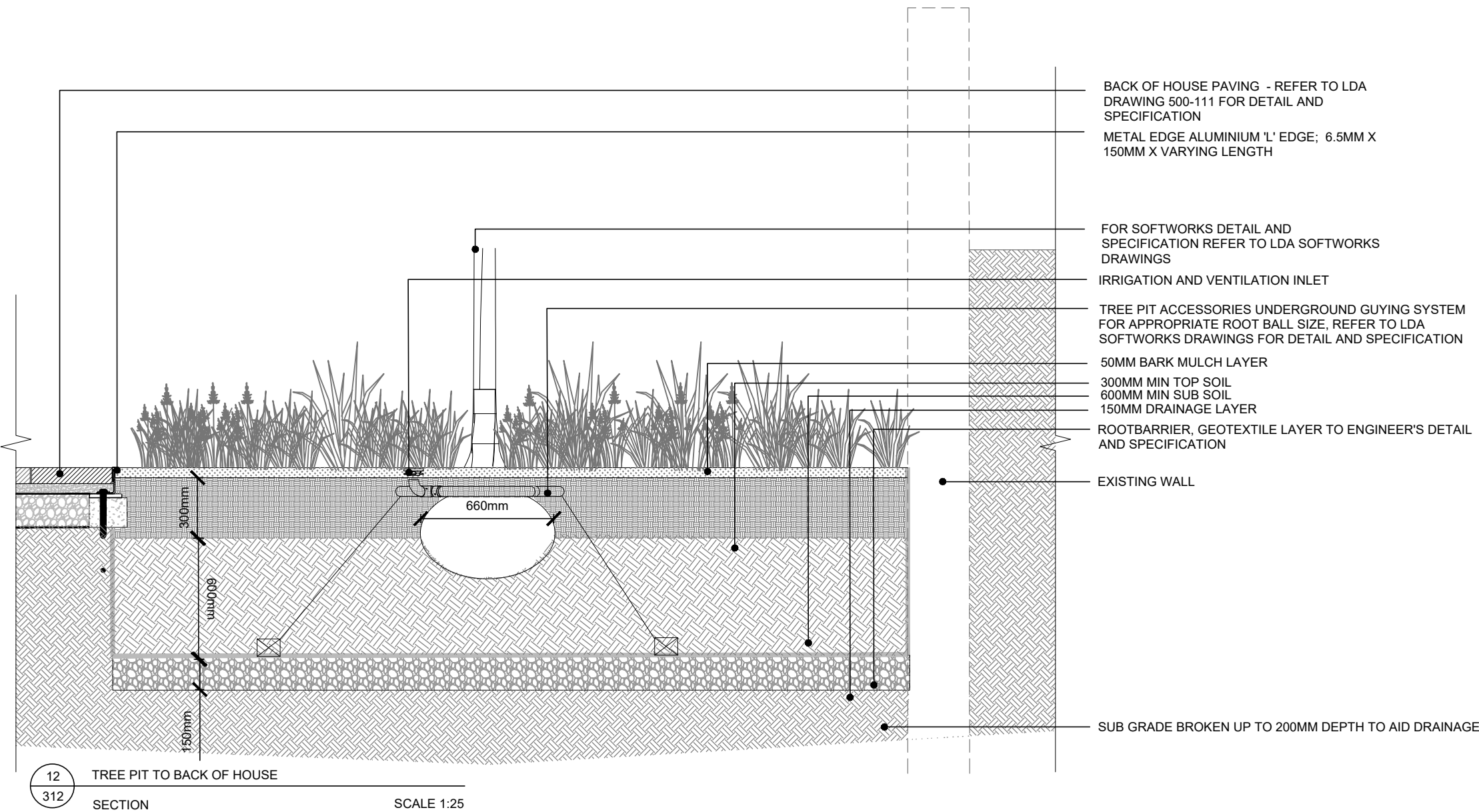
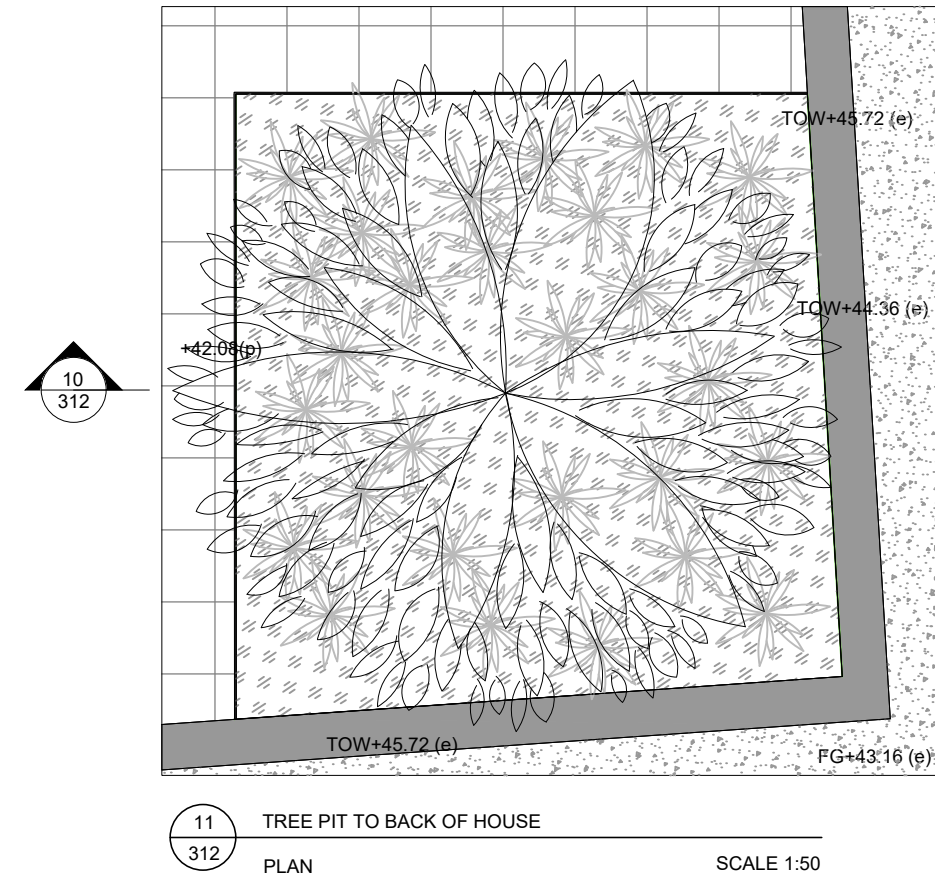
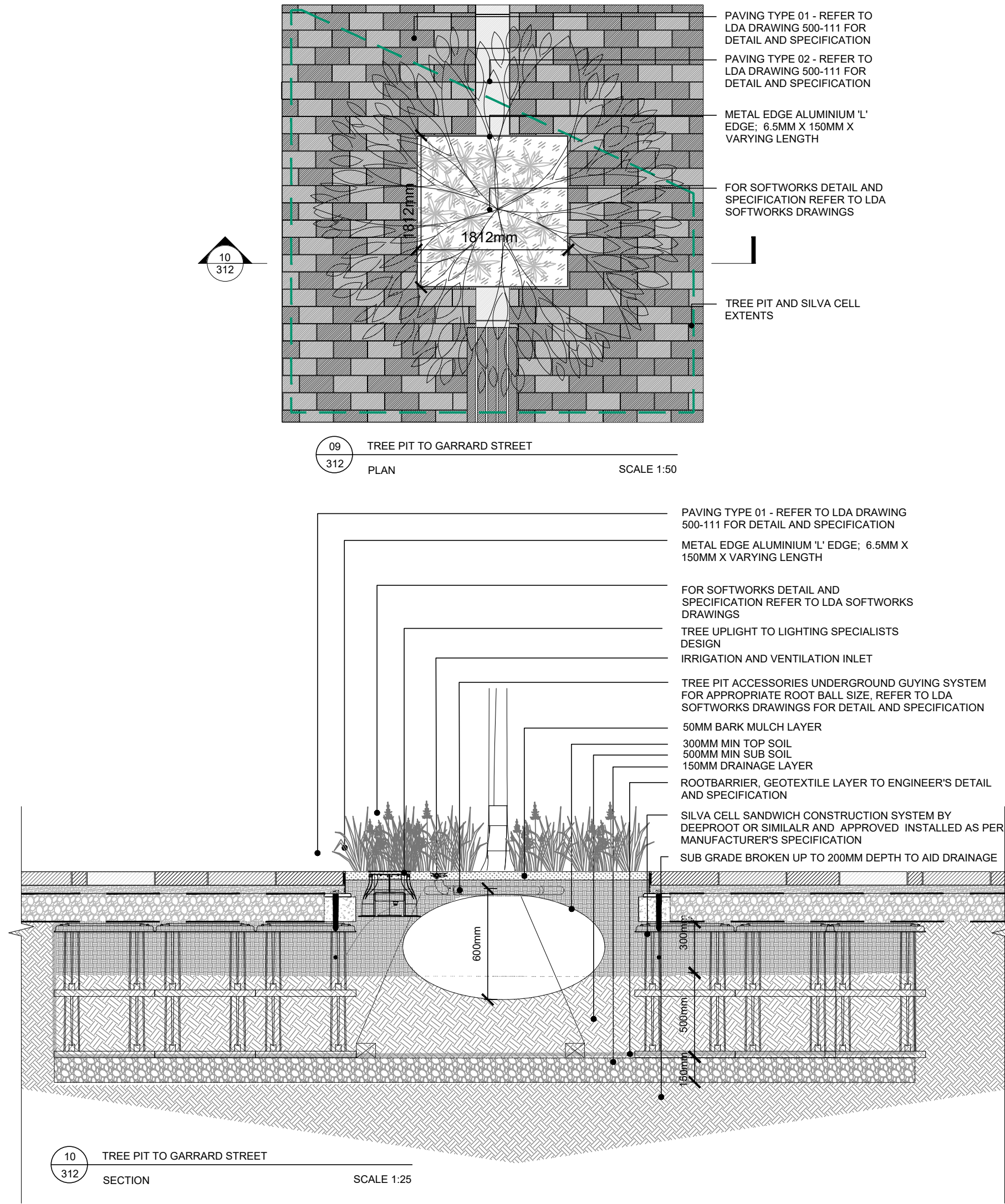
DRAWING TITLE
PUBLIC REALM FURNITURE TYPE
DETAILS GARRARD STREET SHEET
1 OF 2

ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

DWG. NO SHR-LDA-SB-LG-DR-L-500-311

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.
© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001:2000
Sources Ordnance Survey





READ THIS FIRST

- Note for Contractors**
- This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.
- Note for Workers**
- DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).
- Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

C02	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
C01	Contract Issue	CI	09/09/19
REV.	DESCRIPTION	APP.	DATE

LDĀDESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PUBLIC REALM FURNITURE TYPE
DETAILS GARRARD STREET SHEET
2 OF 2

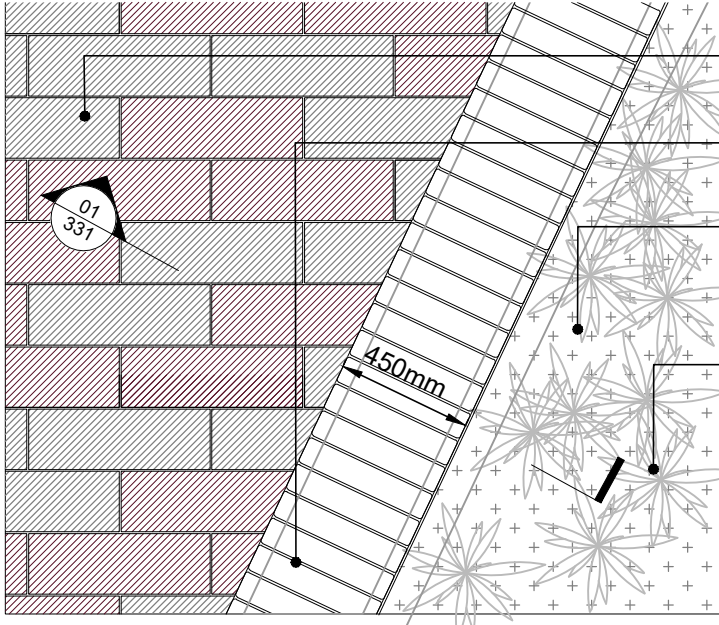
ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

DWG. NO SHR-LDA-SB-LG-DR-L-500-312

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.
© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000
Sources Ordnance Survey



X:\085616_STATION_HILL_READING_PHASE_1\7CADDRAWINGS\SHR-LDA-SB-GF-DR-L-500-331.D



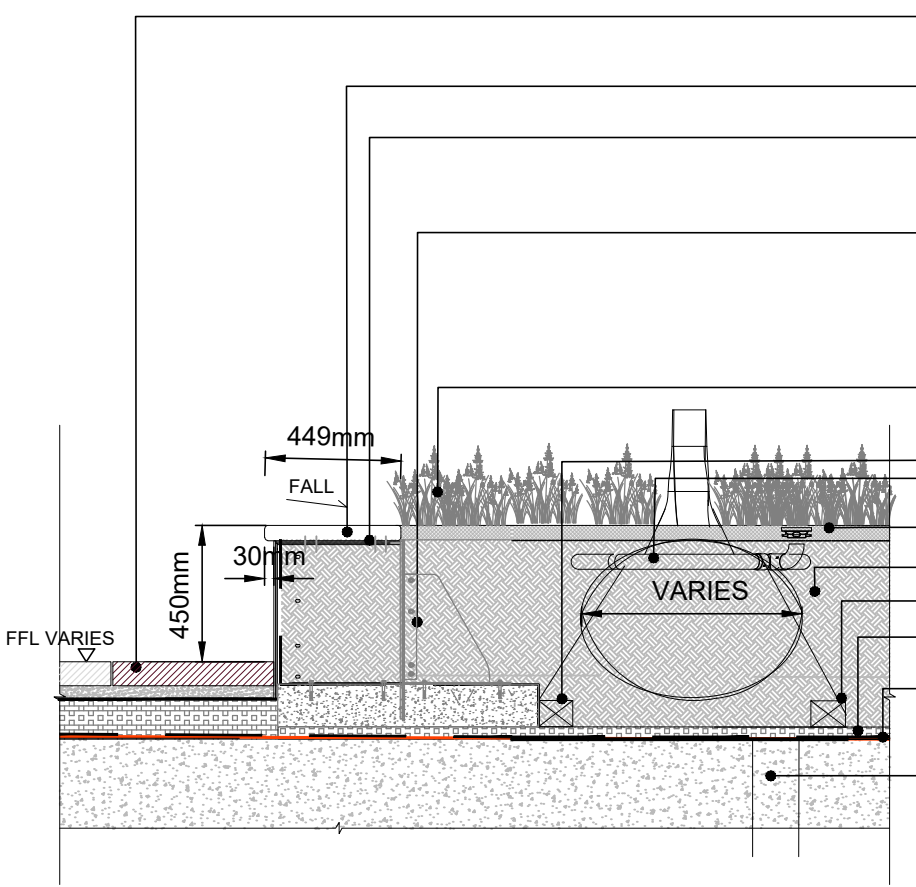
PAVING TYPE 05 - REFER TO LDA DRAWING SHR-LDA-SB-GF-DR-L-500-131 FOR DETAIL AND SPECIFICATION

HARDWOOD TIMBER SLAT, 90MM x 50MM HARDWOOD TIMBER, MAX 8MM SPACING, UNDERSIDE FIXED TO S/S TUBING, BOLTED INTO WALL UNIT.

STRENGTHENING FIN PLACED AT REGULAR INTERVALS FIXED TO CONCRETE STRIP OR PAD FOUNDATION; REFER TO MANUFACTURERS RECOMMENDATIONS; BY KINLEY OR EQUAL AND APPROVED; SPECIFICATION REFERENCE Q37 421

FOR SOFTWORKS DETAILS AND SPECIFICATIONS REFER TO LDA SOFTWORKS SERIES

01
331
TYPICAL DETAIL - BENCH & PLANTERS TO FRIAR'S WALK
PLAN
SCALE 1:25



PAVING TYPE 05 - REFER TO LDA DRAWING SHR-LDA-SB-GF-DR-L-500-131 FOR DETAIL AND SPECIFICATION

HARDWOOD TIMBER SLAT, 90MM x 50MM HARDWOOD TIMBER, MAX 8MM SPACING, UNDERSIDE FIXED TO S/S TUBING, BOLTED INTO WALL UNIT.

PERFORATED STEEL TOP SHEET AND STEEL SUPPORT FRAME BELOW BATONS TO MANUFACTURERS DETAIL AND SPECIFICATION

STRENGTHENING FIN PLACED AT REGULAR INTERVALS FIXED TO CONCRETE STRIP OR PAD FOUNDATION; REFER TO MANUFACTURERS RECOMMENDATIONS; BY KINLEY OR EQUAL AND APPROVED; SPECIFICATION REFERENCE Q37 421

FOR SOFTWORKS DETAILS AND SPECIFICATIONS REFER TO LDA SOFTWORKS SERIES

UNDERGUYING SYSTEM IRRIGATION AND APPROPRIATE ROOTBALL ACCESSORIES

50MM MULCH

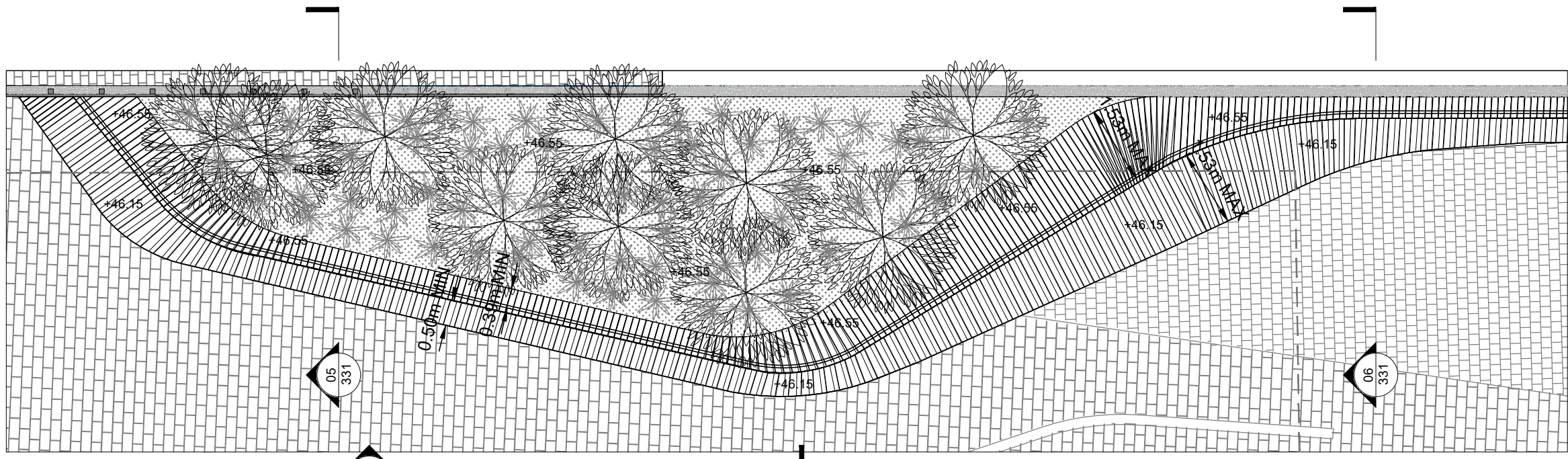
450MM TOPSOIL

150MM (MIN) SUBSOIL ; (345MM SUBSOIL MAX); PERMAVOID WITH POLYPIPE CAPILLARY CONE INSERTS UNDER SOFT BUILDUPS TO ENGINEER'S DETAILS AND SPECIFICATIONS

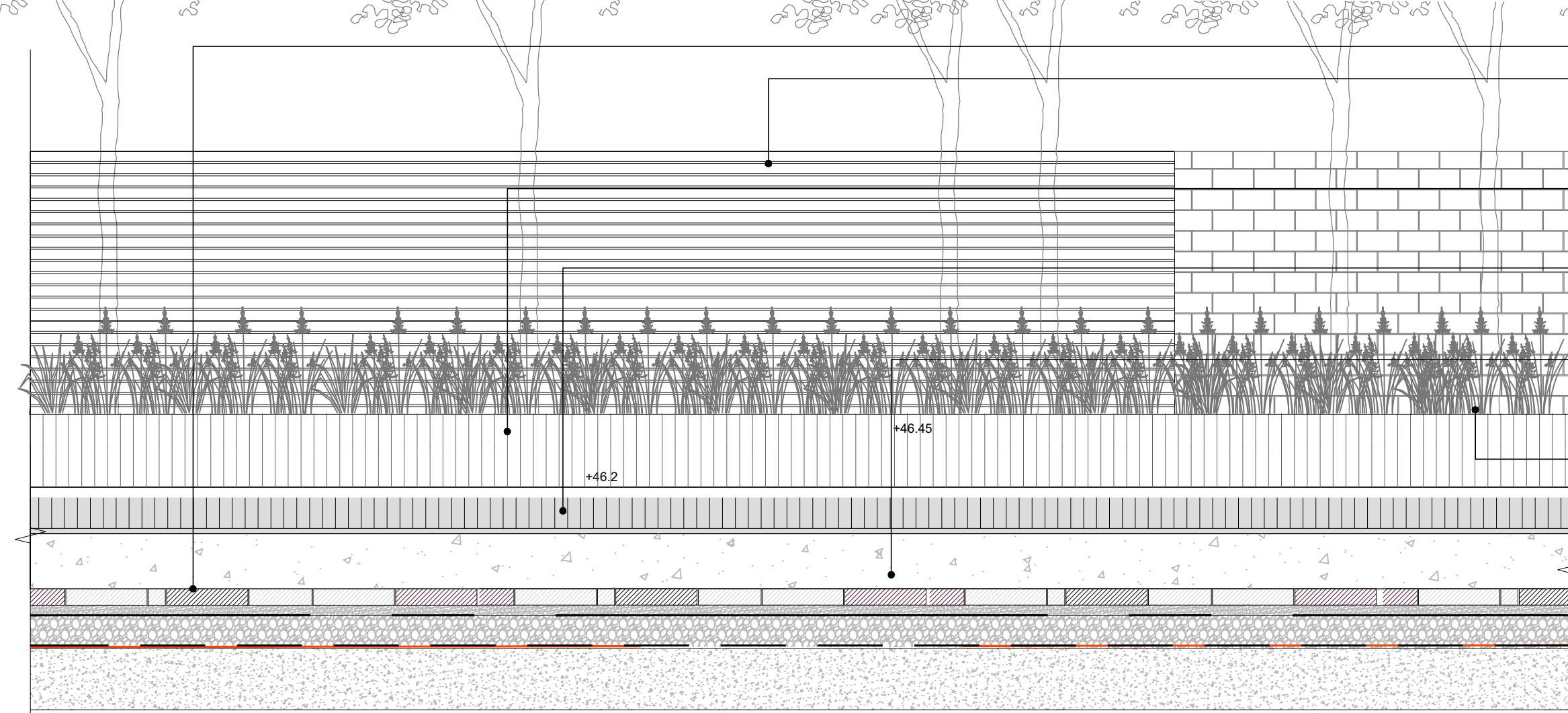
GEOTEXTILE & WATERPROOFING LAYER TO ENGINEER'S/ARCHITECT'S DETAIL AND SPECIFICATION

OUTLET AND STRUCTURAL SLAB TO ENGINEER'S DETAIL AND SPECIFICATION

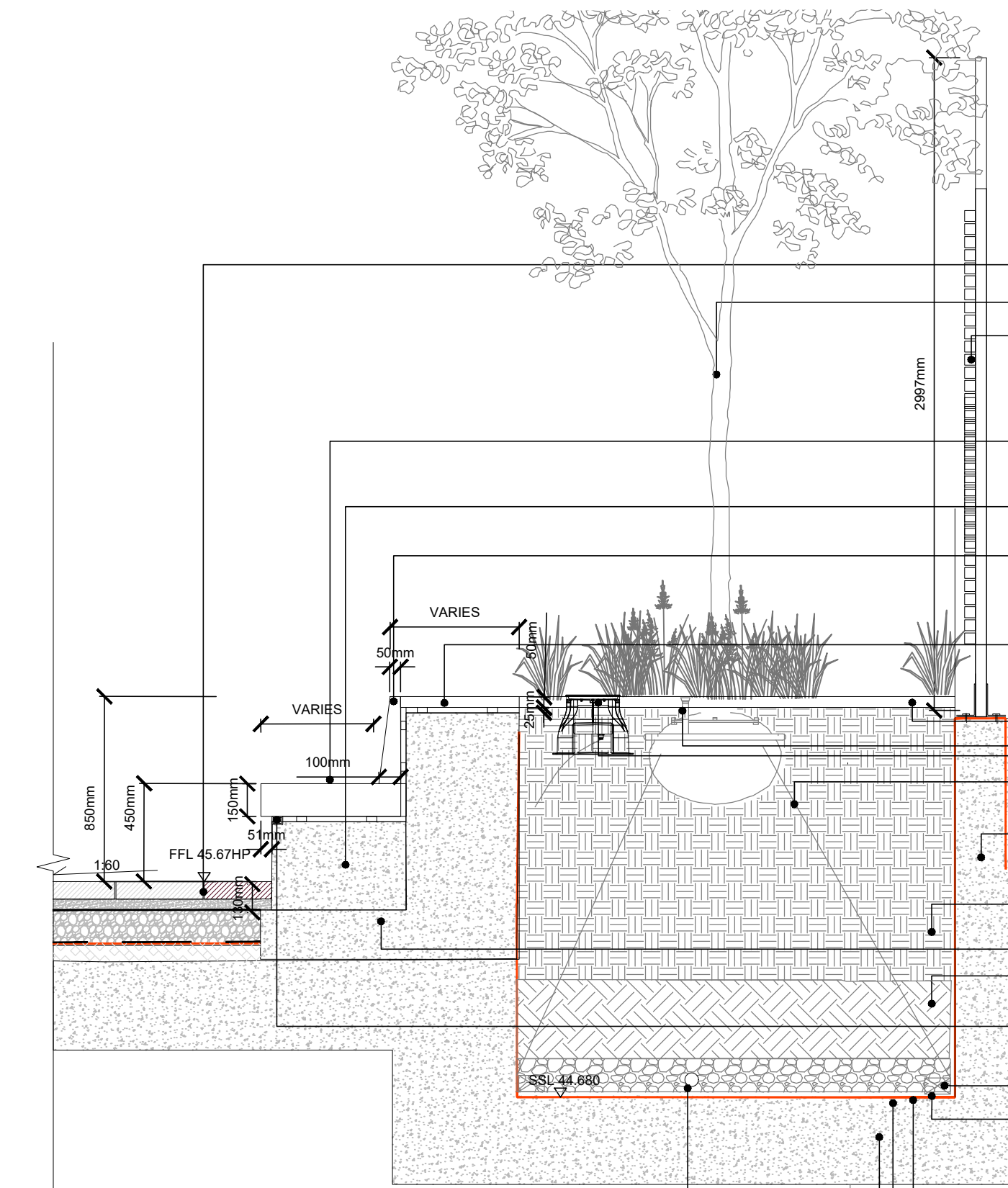
02
331
TYPICAL DETAIL - BENCH & PLANTERS TO FRIAR'S WALK
SECTION
SCALE 1:25



03
331
ELEVATION THROUGH LINEAR PLANTER SEAT FRIAR'S WALK
PLAN
SCALE 1:100



04
331
ELEVATION THROUGH LINEAR PLANTER SEAT FRIAR'S WALK
ELEVATION
SCALE 1:25



05
331
SECTION THROUGH LINEAR PLANTER SEAT FRIAR'S WALK
SECTION
SCALE 1:25

PAVING TYPE 05 / 06; REFER TO LDA DRAWING 500-131 FOR DETAIL AND SPECIFICATION

FOR PLANTING REFER TO LDA SOFTWORKS DRAWINGS

HORIZONTAL CLOSE BOARD TIMBER FENCING, 100MM X 25MM NOM. X 2.4M LENGTH; PLANED HARDWOOD TIMBER, OILED FINISH; FIXED TO POSTS AT 1.2M SPACING WITH CONCEALED STAINLESS STEEL FIXINGS; REFER TO LDA DETAILS 070809 ON DRAWING SHR-LDA-SB-GF-DR-L-500-231

TIMBER TOP TO FIRST TIER BENCH; 150MM DEPTH x 50MM WIDE X VARYING LENGTHS HARDWOOD TIMBER, MAX 8MM SPACING; ROBINA FSC CERTIFIED BATON FIXED TO CONCRETE WITH HIDDEN FIXINGS; BY WOODSCAPE OR EQUAL AND APPROVED; SPECIFICATION REFERENCE Q50 221A

IN SITU FAIRFACED WHITE CONCRETE BASE TO FIRST TIER BENCH; POLISHED FINISH; SPECIFICATION REFERENCE E20

TIMBER CLADDING TAPERED FROM 50MM TO 100MM DEEP x 50MM X 400MM LENGTH HARDWOOD TIMBER, MAX 8MM SPACING; ROBINA FSC CERTIFIED BATON FIXED TO CONCRETE WITH HIDDEN FIXINGS BY WOODSCAPE OR EQUAL AND APPROVED; SPECIFICATION REFERENCE Q50 221A

TIMBER TOP TO SECOND TIER BENCH; 50MM x 50MM x VARYING LENGTHS HARDWOOD TIMBER, MAX 8MM SPACING; ROBINA FSC CERTIFIED BATON FIXED TO CONCRETE WITH HIDDEN FIXINGS BY WOODSCAPE OR EQUAL AND APPROVED; SPECIFICATION REFERENCE Q50 221A

50MM BARK MULCH LAYER; Q31 485

IRRIGATION AND VENTILATION INLET; Q31 519

TREE UPLIGHT TO LIGHTING SPECIALISTS DESIGN

TREE PIT ACCESSORIES UNDERGROUND GUYING SYSTEM FOR APPROPRIATE ROOT BALL SIZE; REFER TO LDA SOFTWORKS DRAWINGS FOR DETAIL AND SPECIFICATION

FOOTING AND FIXING TO MANUFACTURER'S RECOMMENDATION AND ENGINEER'S APPROVAL

400MM MIN TOP SOIL; REFER TO SPECIFICATION REFERENCE Q28 337, Q28 338

CONCRETE FOUNDATION TO ENGINEER'S DETAIL AND SPECIFICATION

400MM SUB SOIL - 450MM LIGHT WEIGHT TOPSOIL; REFER TO SPECIFICATION REFERENCE Q28 337, Q28 338

RECESSED LINEAR LIGHT TO LIGHTING SPECIALISTS DESIGN

150MM GRANULAR DRAINAGE LAYER

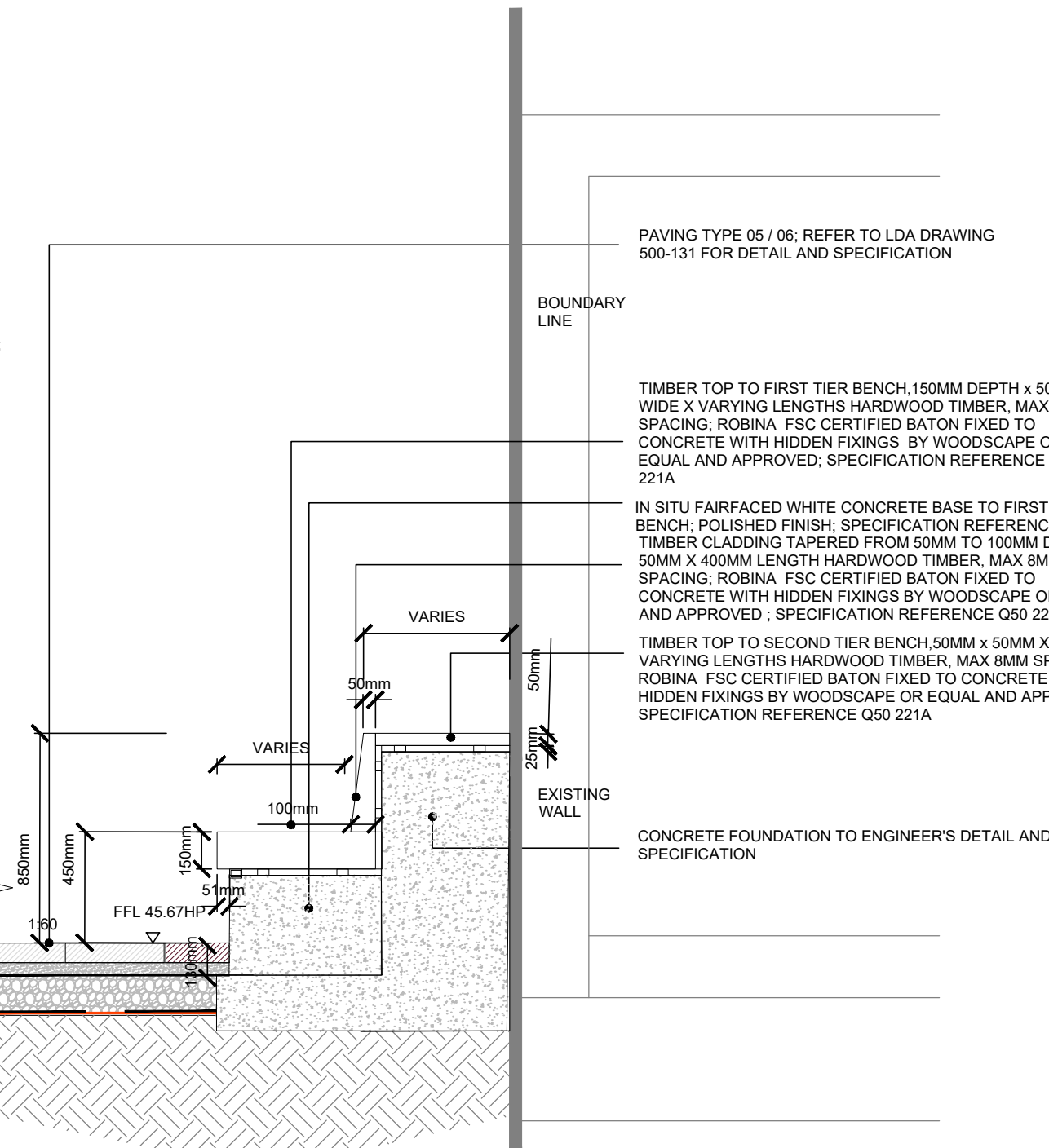
ROOT BARRIER; ; Q31 511

GEOTEXTILE LAYER TO ENGINEER'S DETAIL AND SPECIFICATION; Q37 360

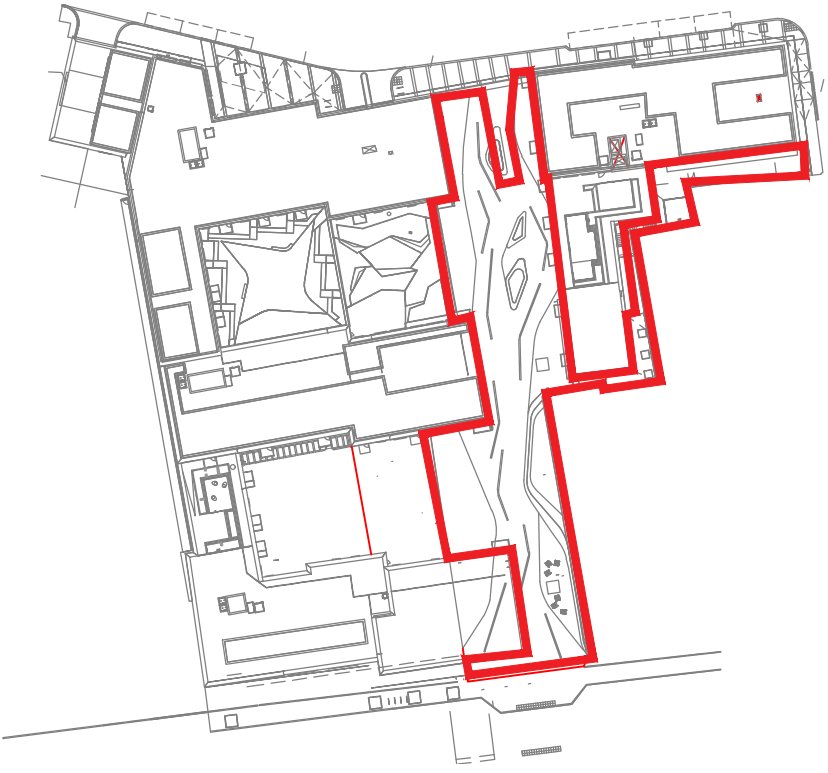
WATERPROOFING TO ARCHITECT'S DETAIL AND SPECIFICATION

STRUCTURAL SLAB TO ENGINEER'S DETAIL AND SPECIFICATION

STORM WATER OUTLET AND PERFORATED PIPE TO ENGINEER'S DETAIL AND SPECIFICATION



06
331
SECTION THROUGH LINEAR PLANTER SEAT FRIAR'S WALK
SECTION
SCALE 1:25



NOTE:
REQUIREMENTS FOR PAS RATED ANTI-TERROR BOLLARDS TO BE CONFIRMED

NOTE:
• ALL CONCRETE WALLS TO BE FAIR FACED IN-SITU CONCRETE WITH SPECIAL FINISH IN ACCORDANCE WITH SPECIFICATION CLAUSE E20; ALL FINISHES ANTI GRAFFITI COATING APPLIED

READ THIS FIRST

Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

LDĀDESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PODIUM FURNITURE TYPE DETAILS
FRIAR'S WALK SHEET 1 OF 2

ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	DRAWN ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

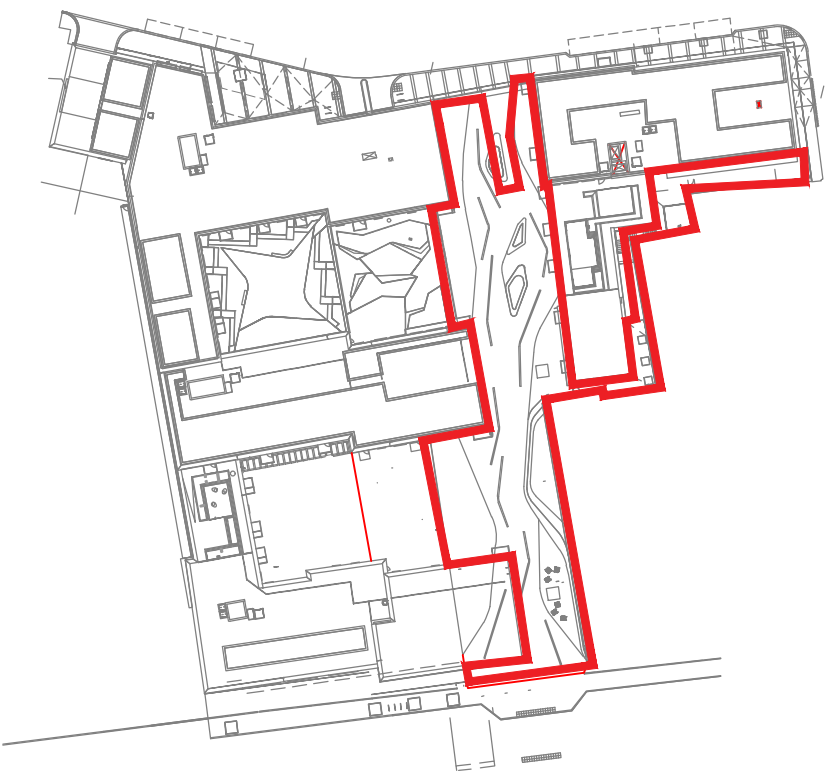
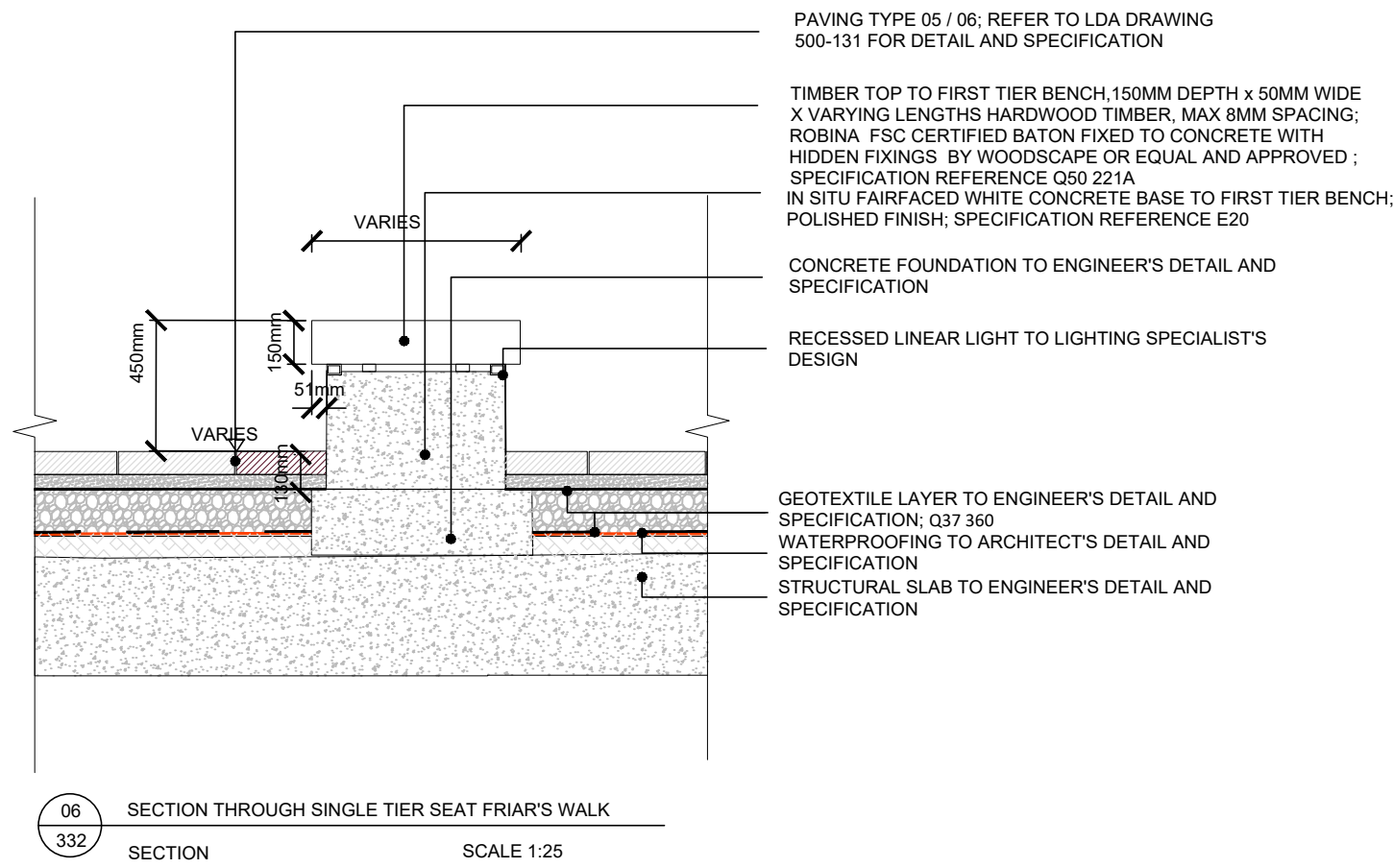
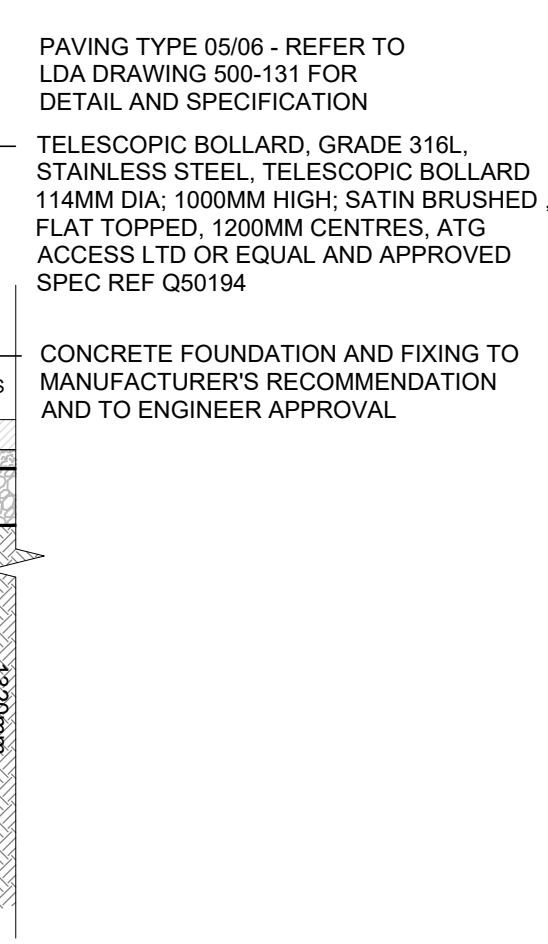
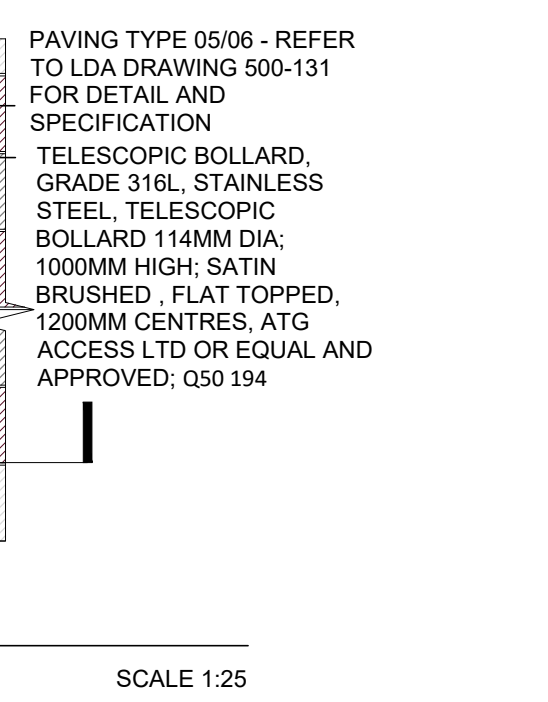
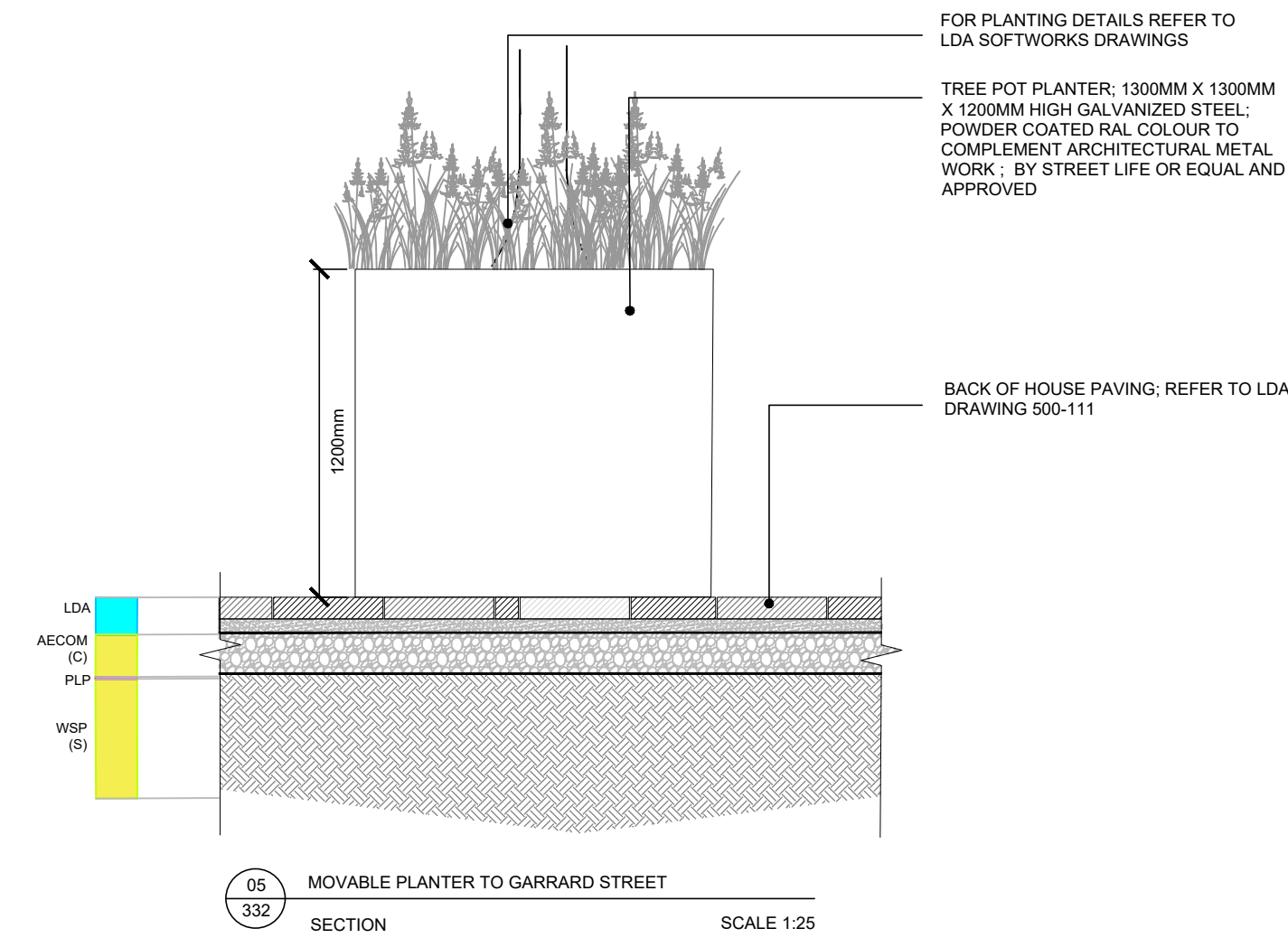
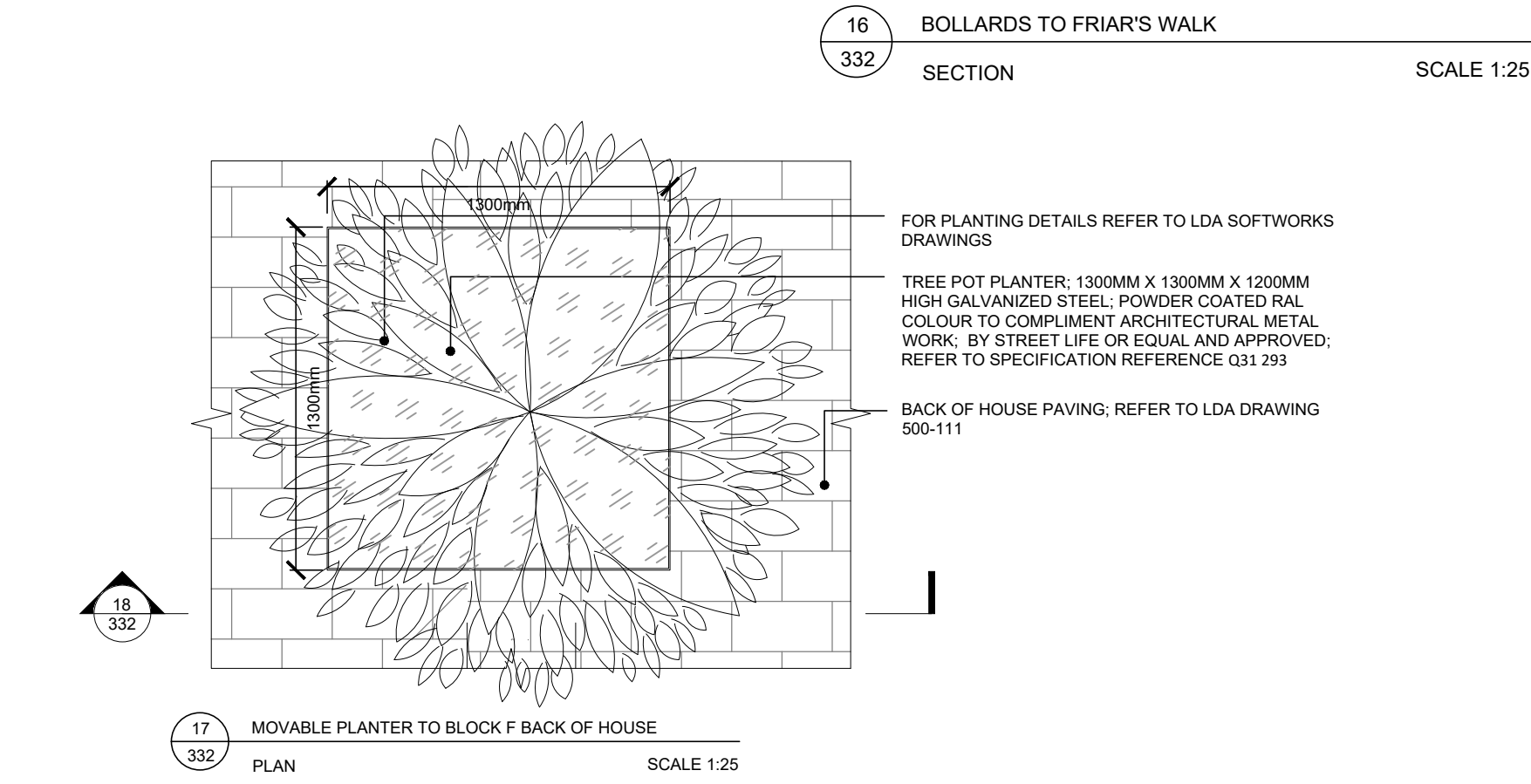
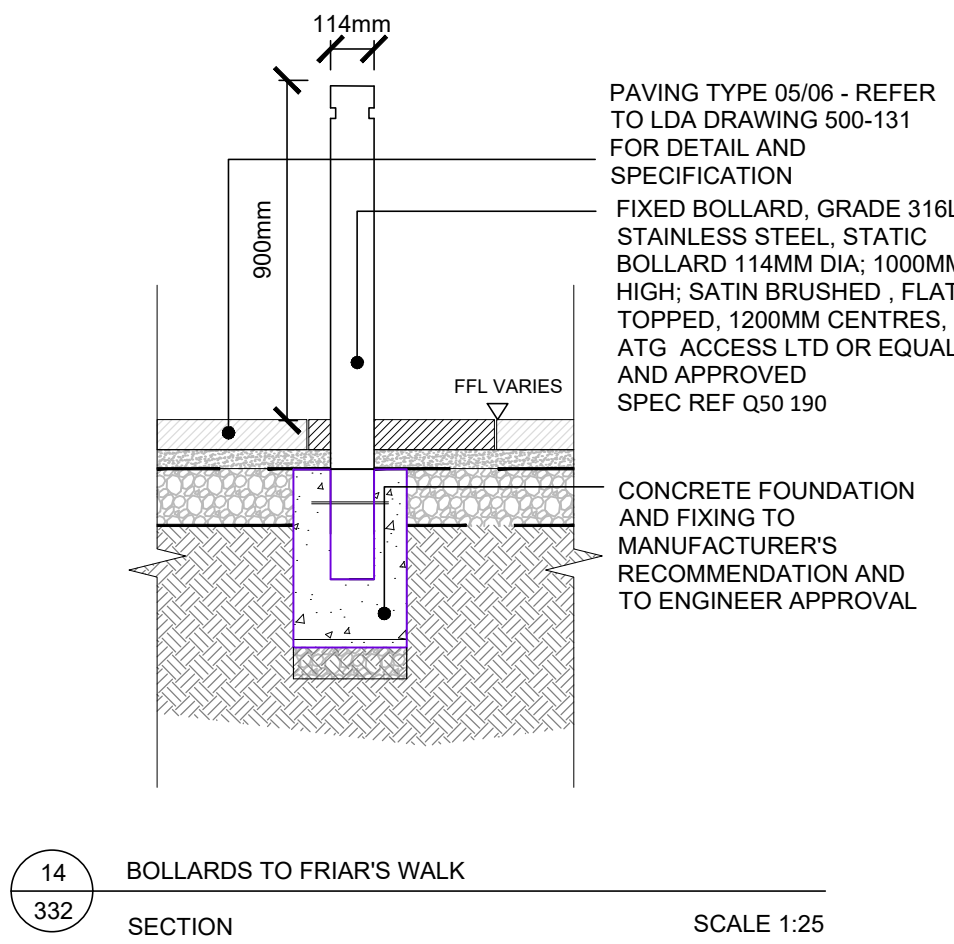
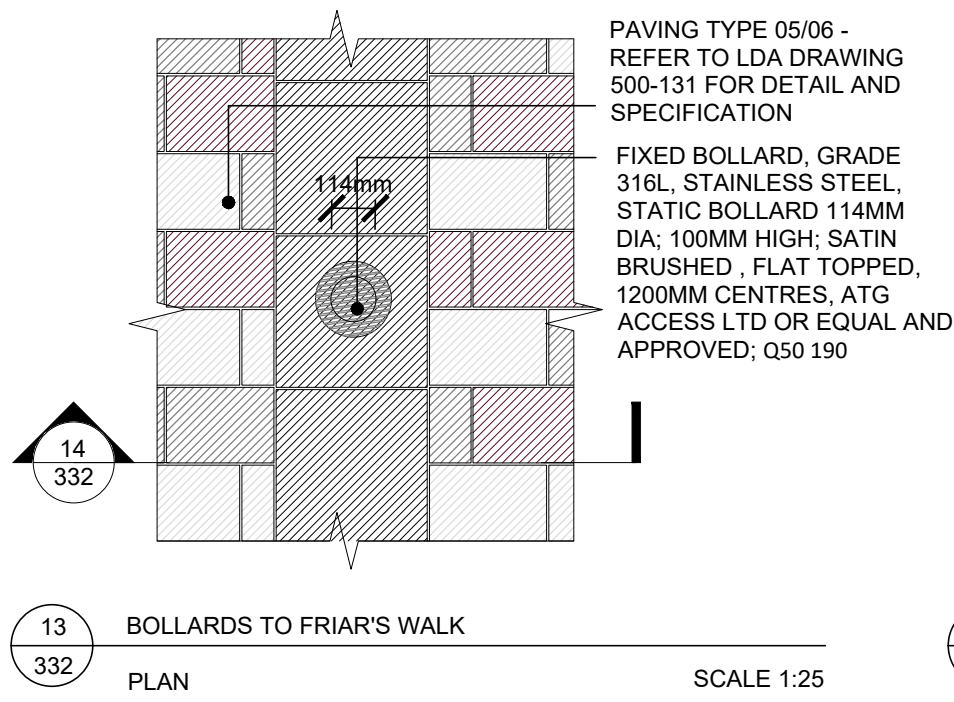
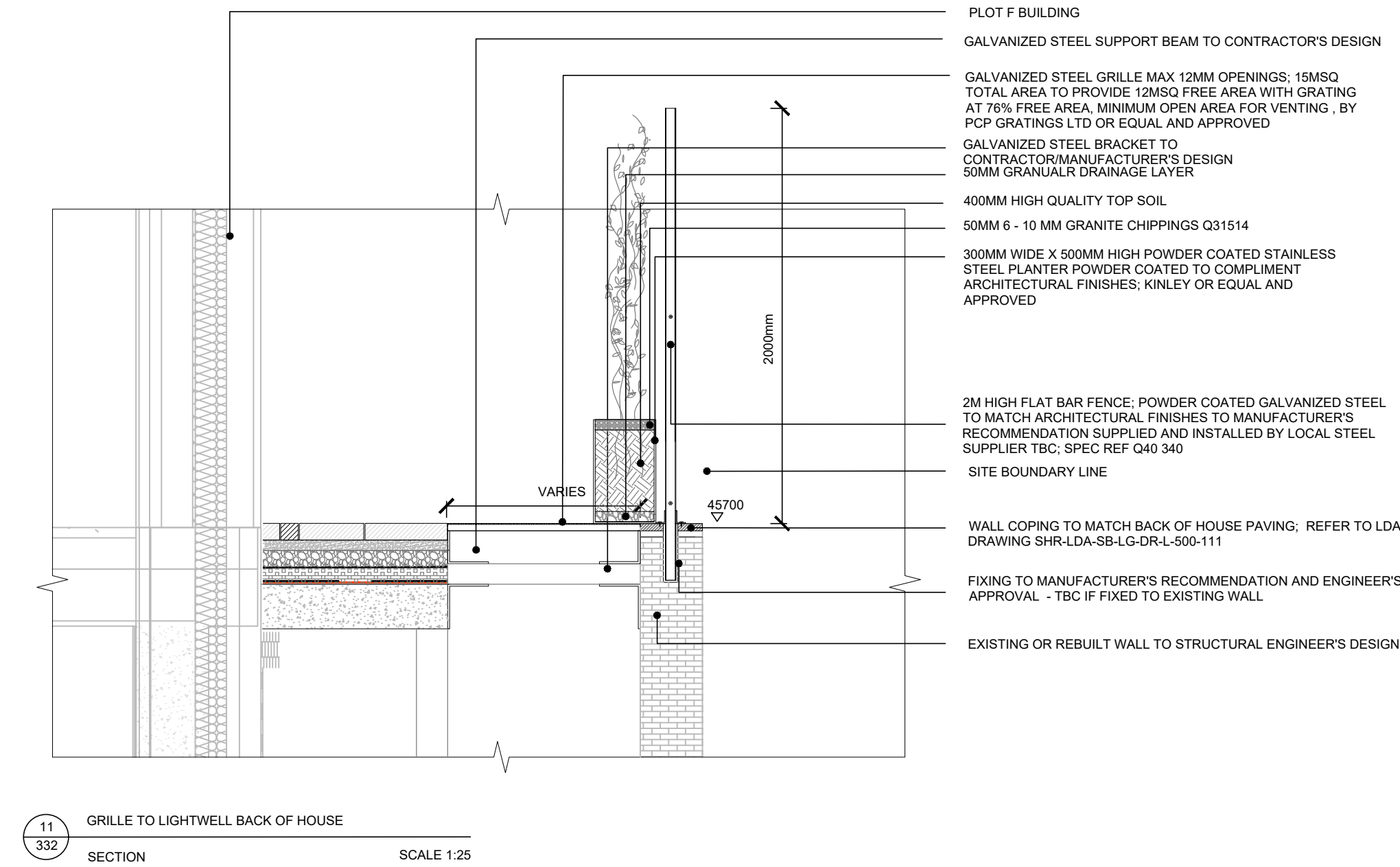
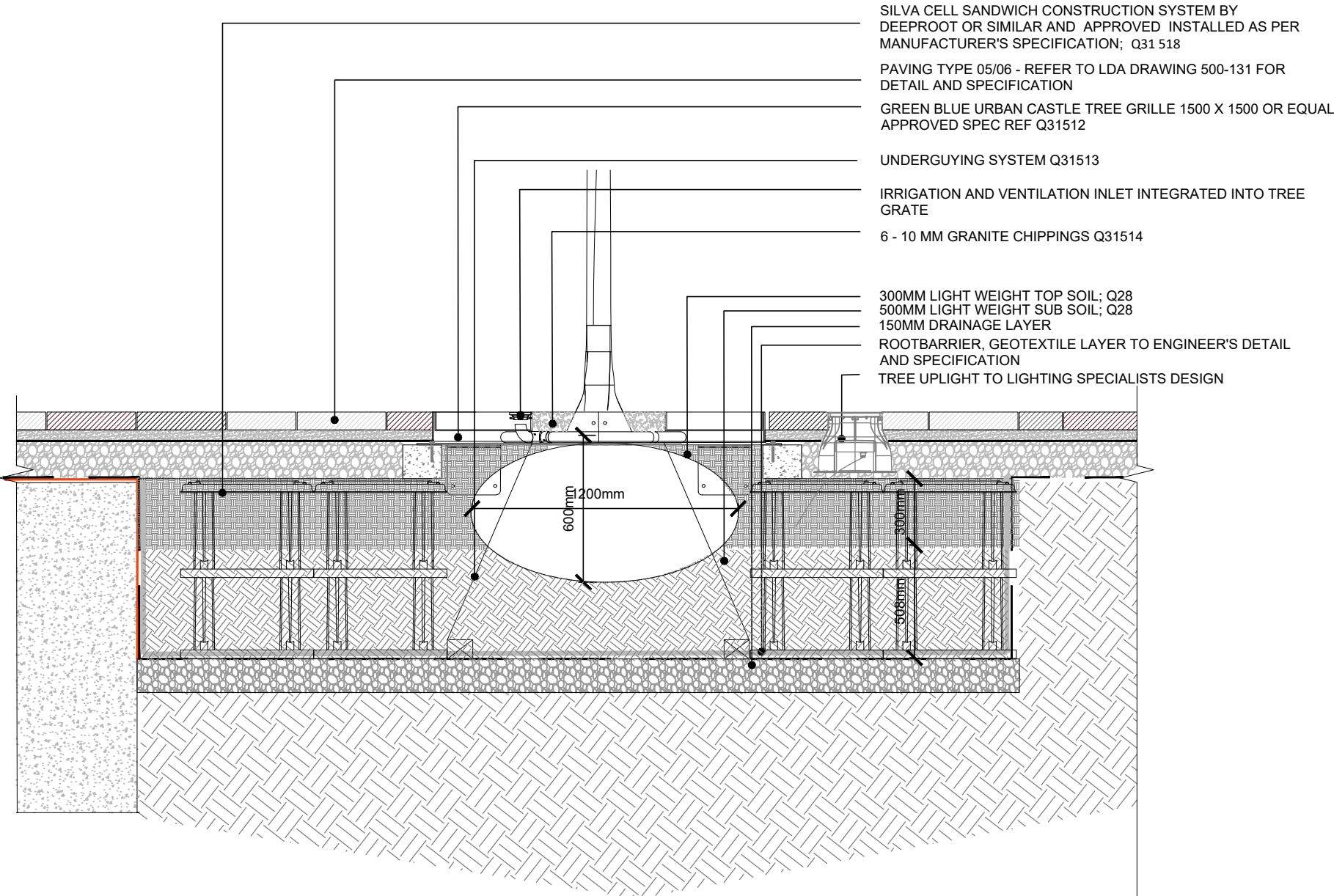
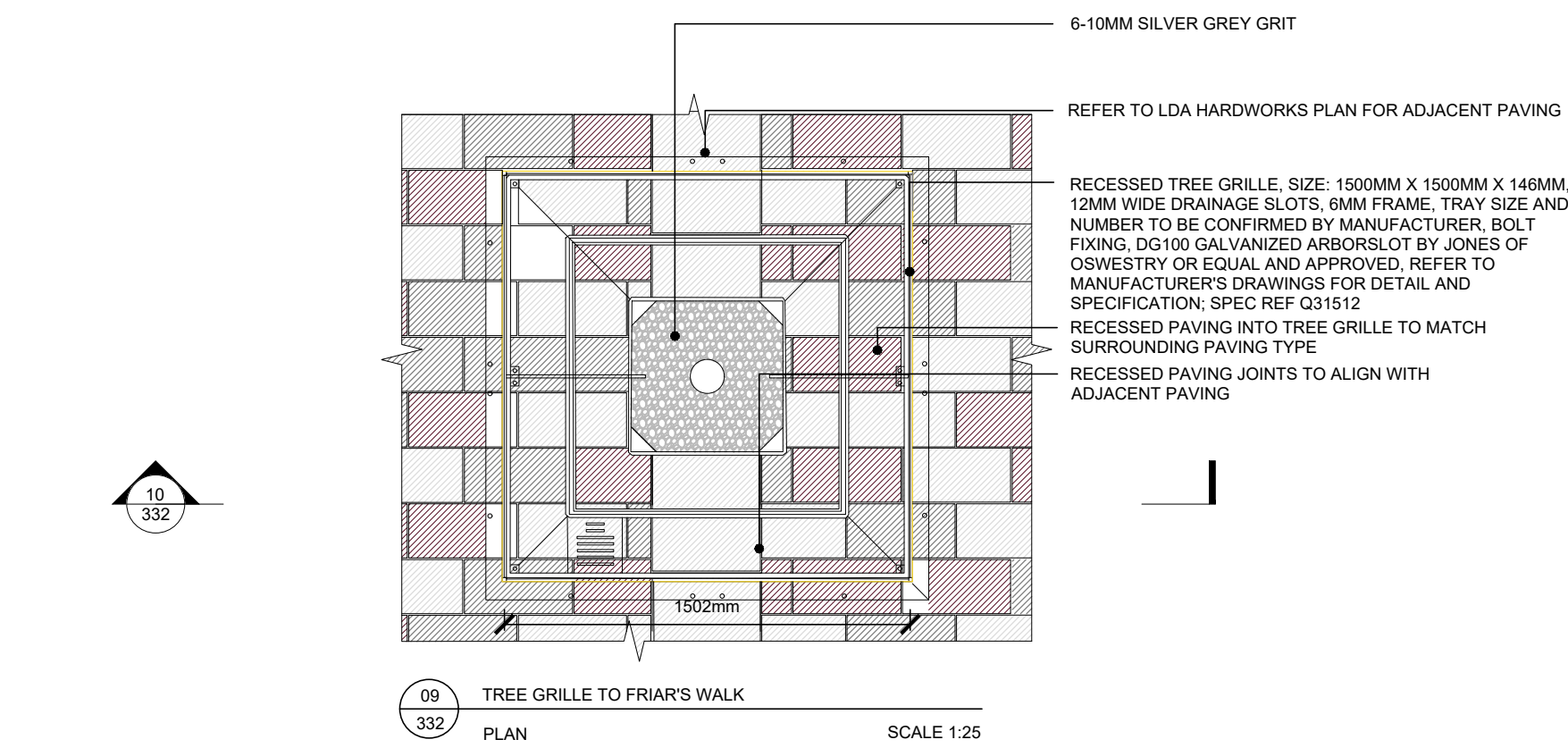
DWG. NO SHR-LDA-SB-GF-DR-L-500-331

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001: 2000

Sources Ordnance Survey

Scale as shown



NOTE:
REQUIREMENTS FOR PAS RATED ANTI-TERROR BOLLARDS TO BE CONFIRMED

C03	Stage 3 Issue - Optimisation Redesign	CI	13/11/20
C02	Contract Issue - Friar's Walk Re-Design	CI	21/02/20
C01	Contract Issue	CI	09/09/19
REV.	DESCRIPTION	APP.	DATE

LDĀ DESIGN
PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
PODIUM FURNITURE TYPE DETAILS
FRIAR'S WALK SHEET 2 OF 2

ISSUED BY	London	T: 020 7467 1470
DATE	SEPT 2019	ER
SCALE@A1	As shown	CHECKED BE
STATUS	Final	APPROVED CI

DWG. NO SHR-LDA-SB-GF-DR-L-500-332

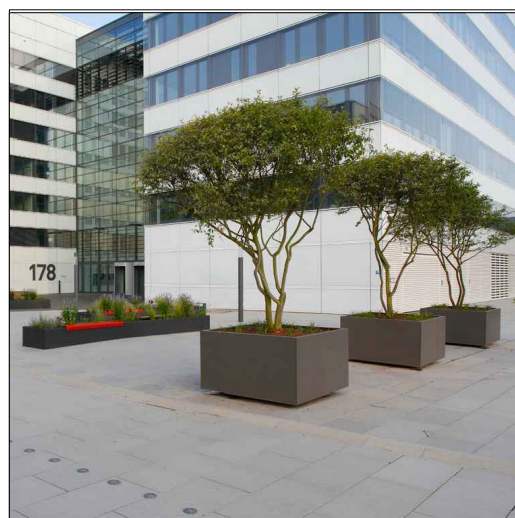
No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.
© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000
Sources Ordnance Survey

READ THIS FIRST

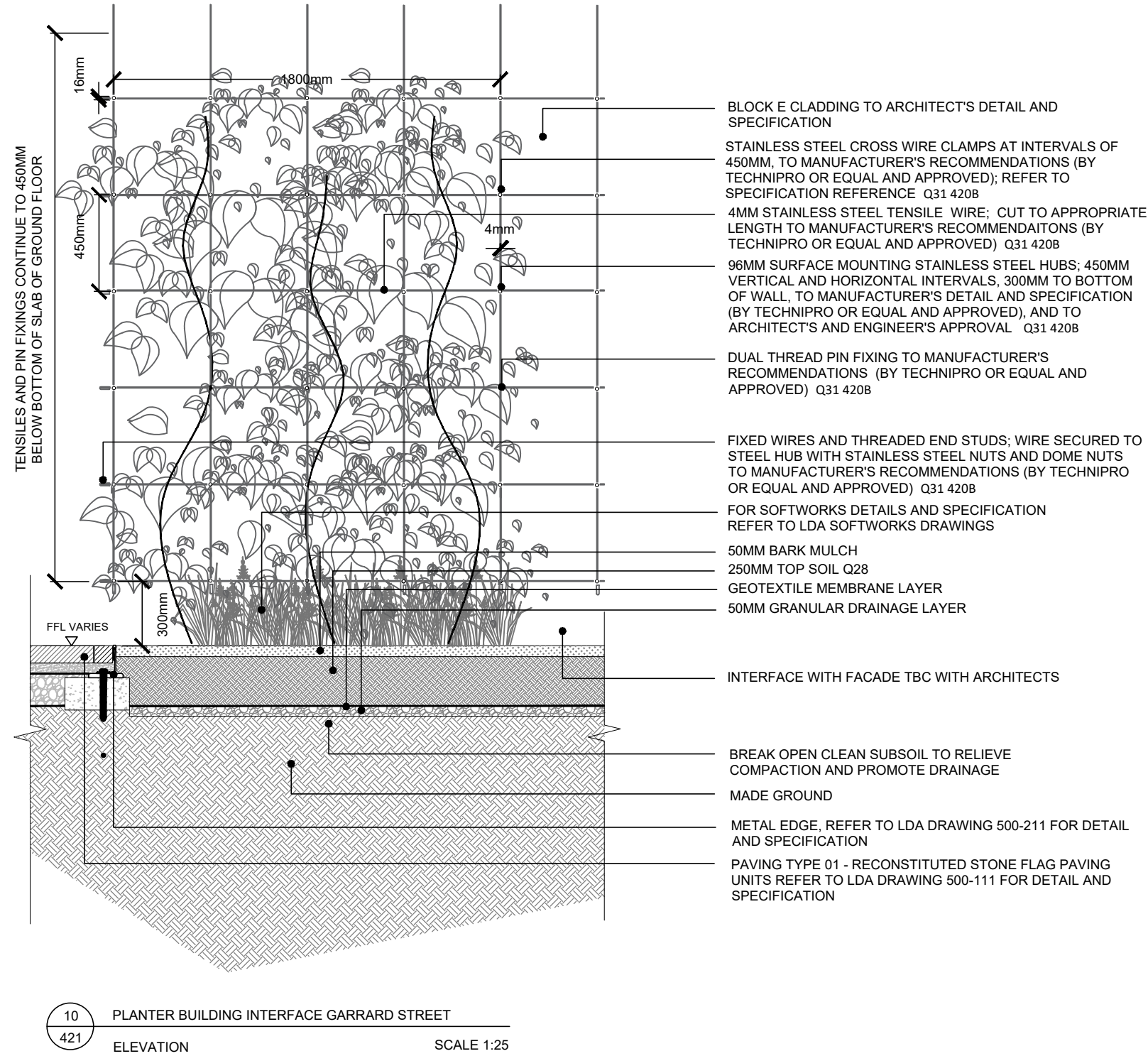
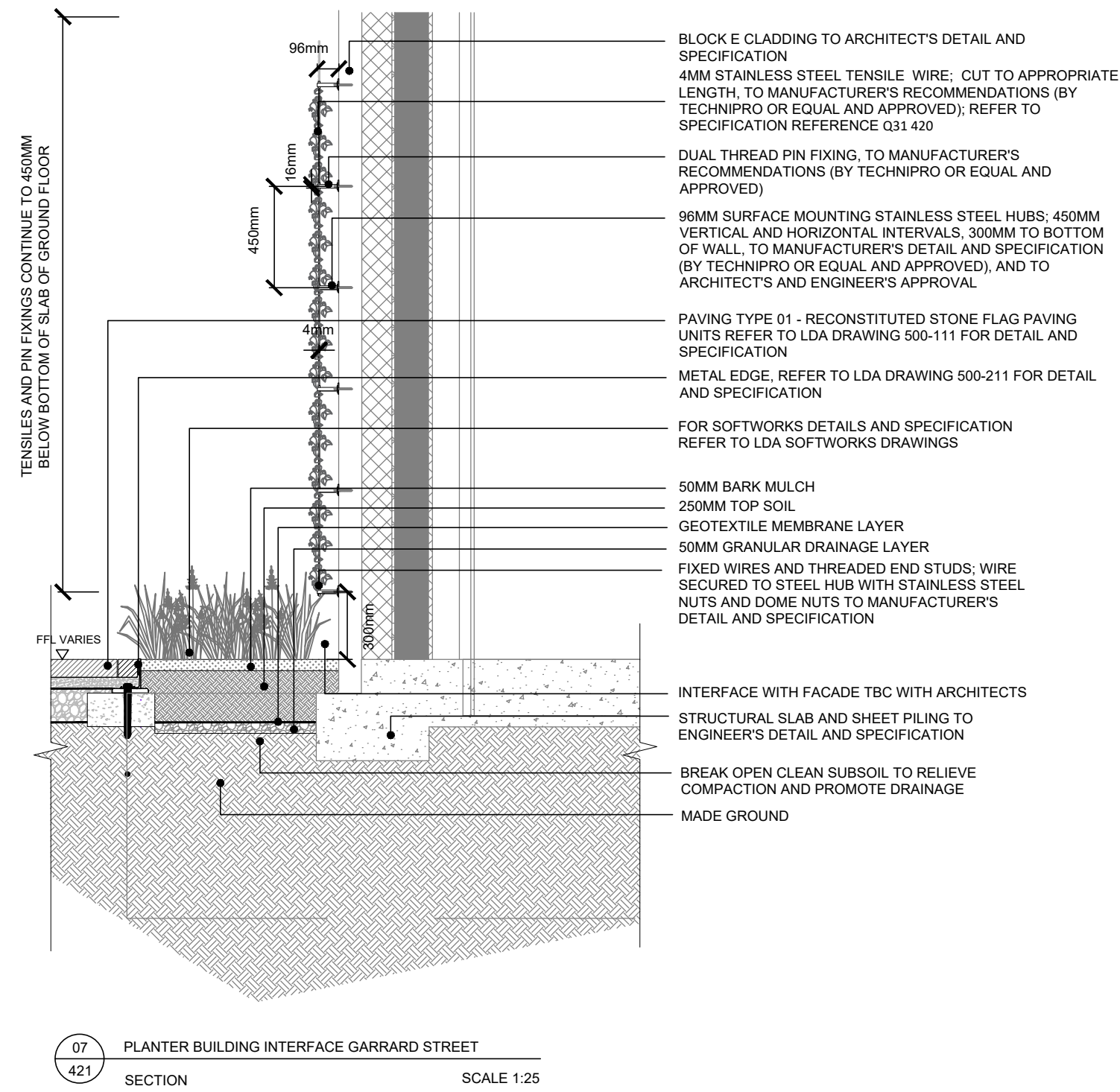
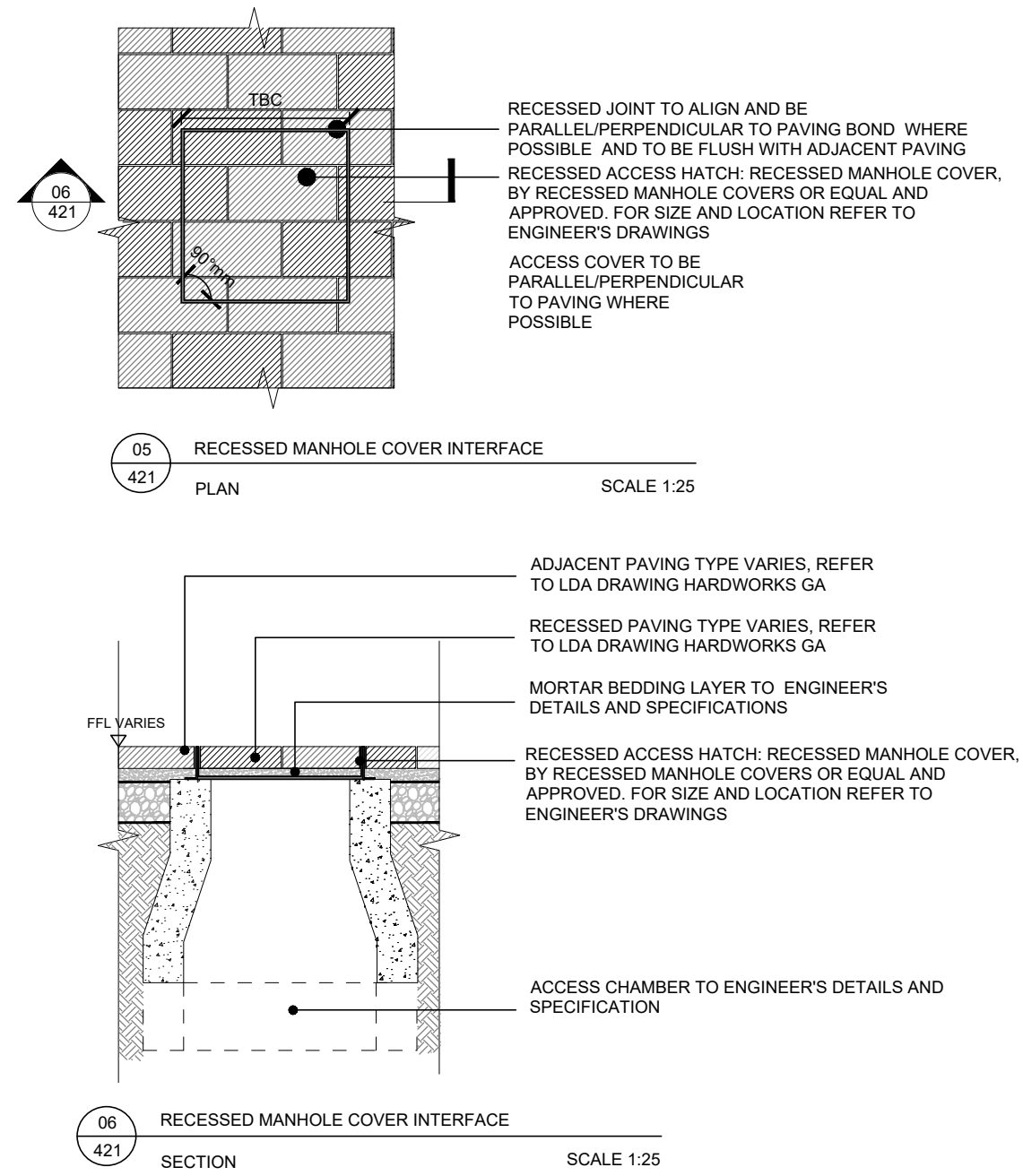
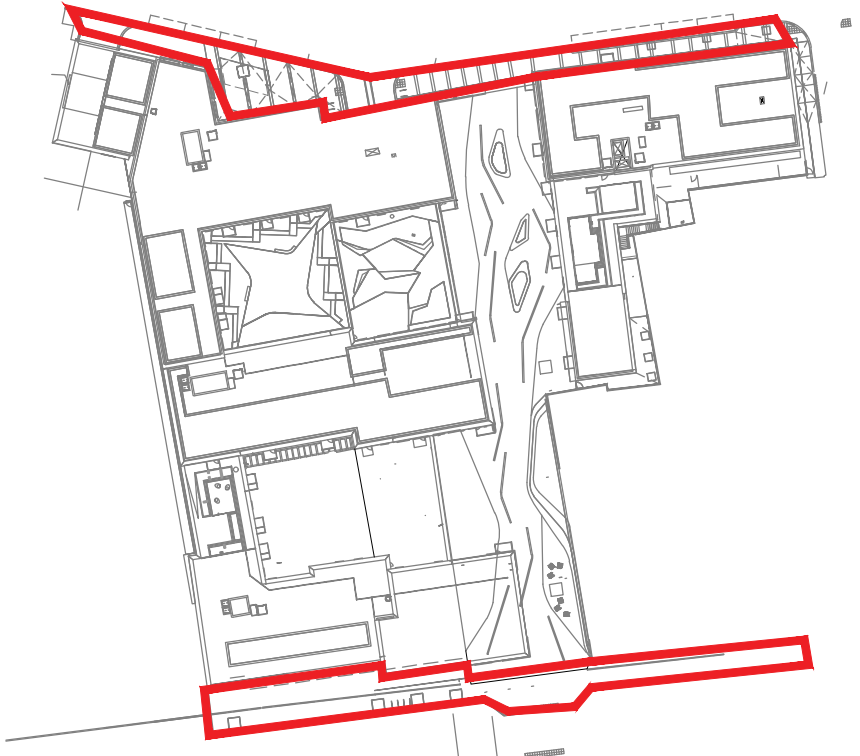
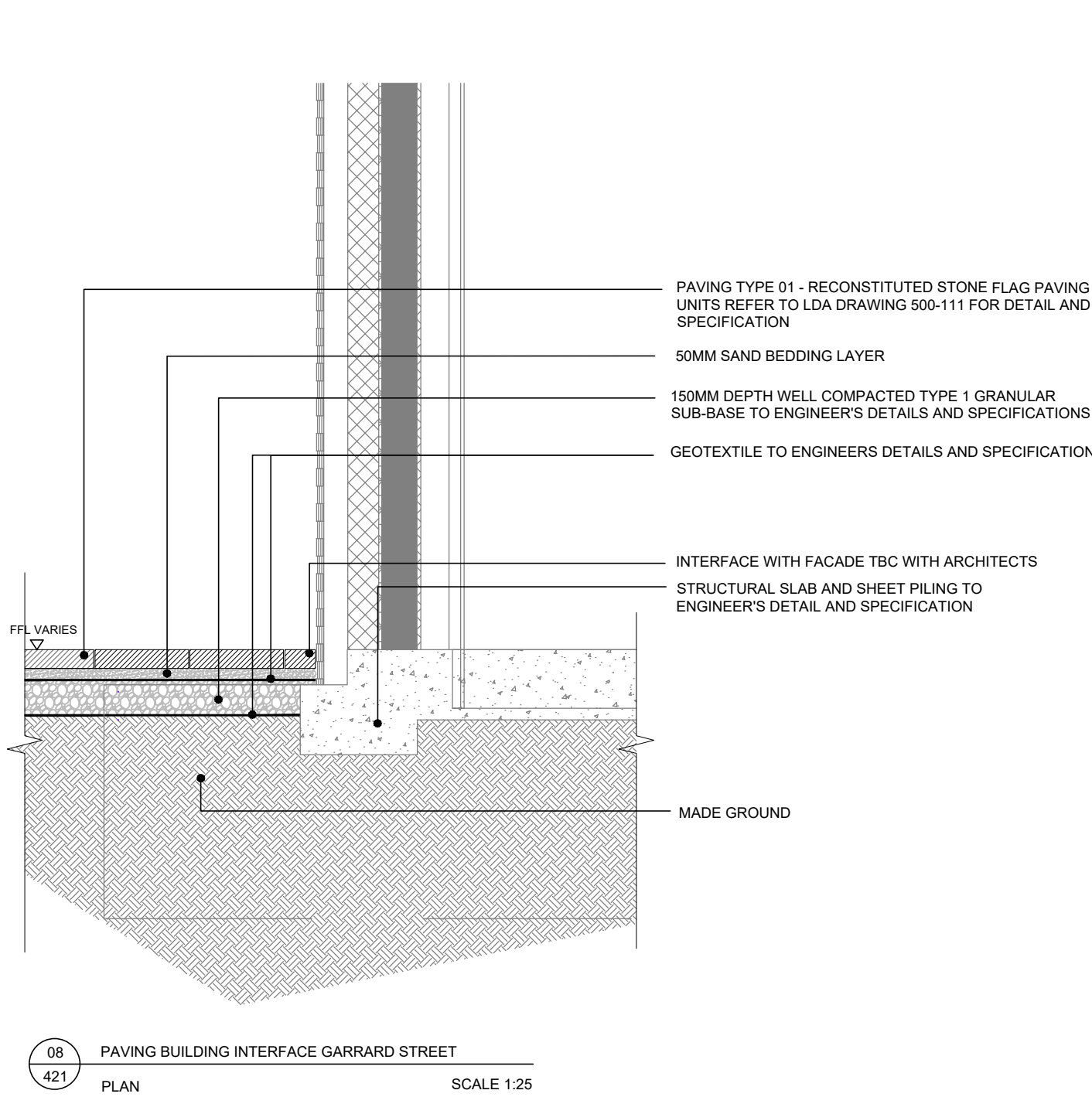
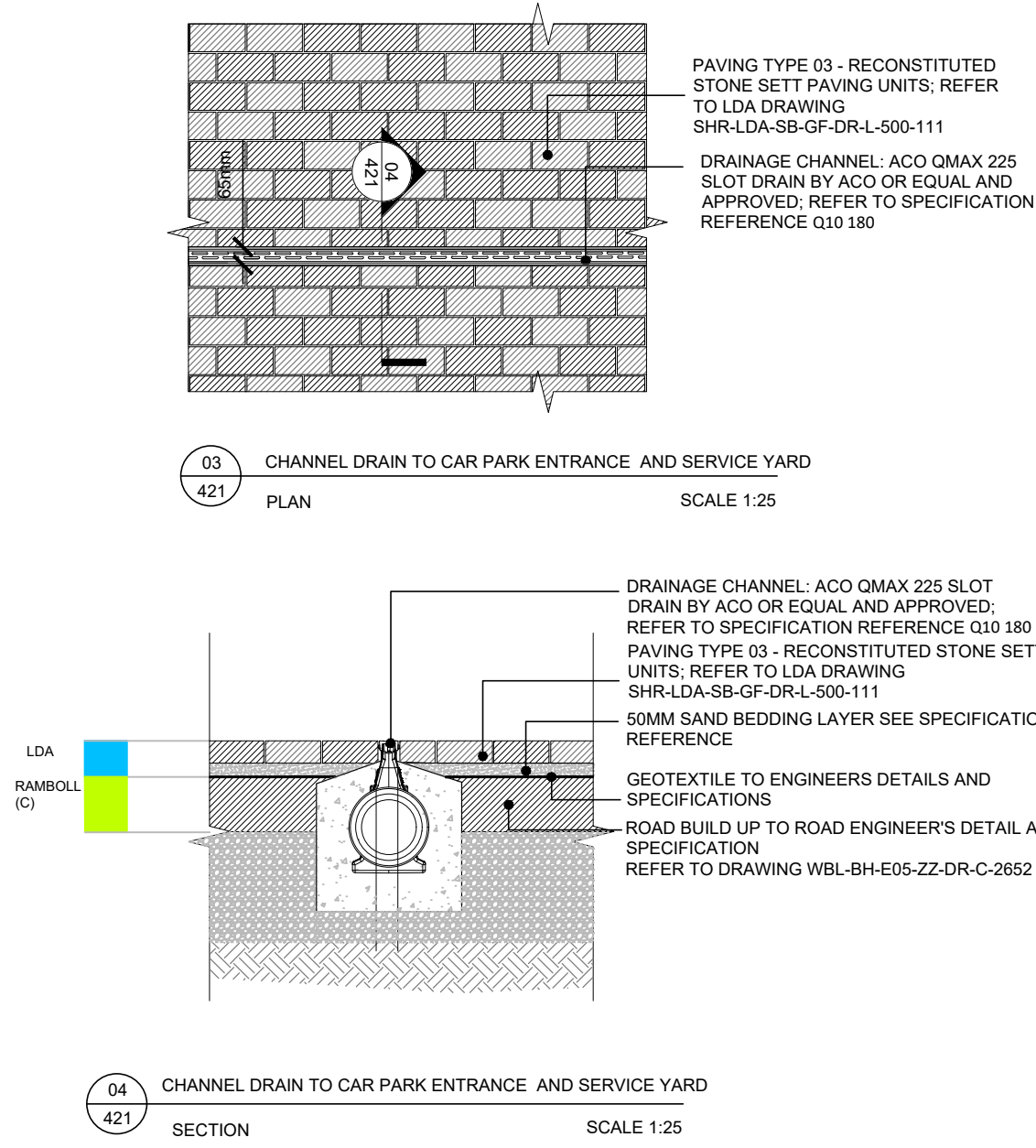
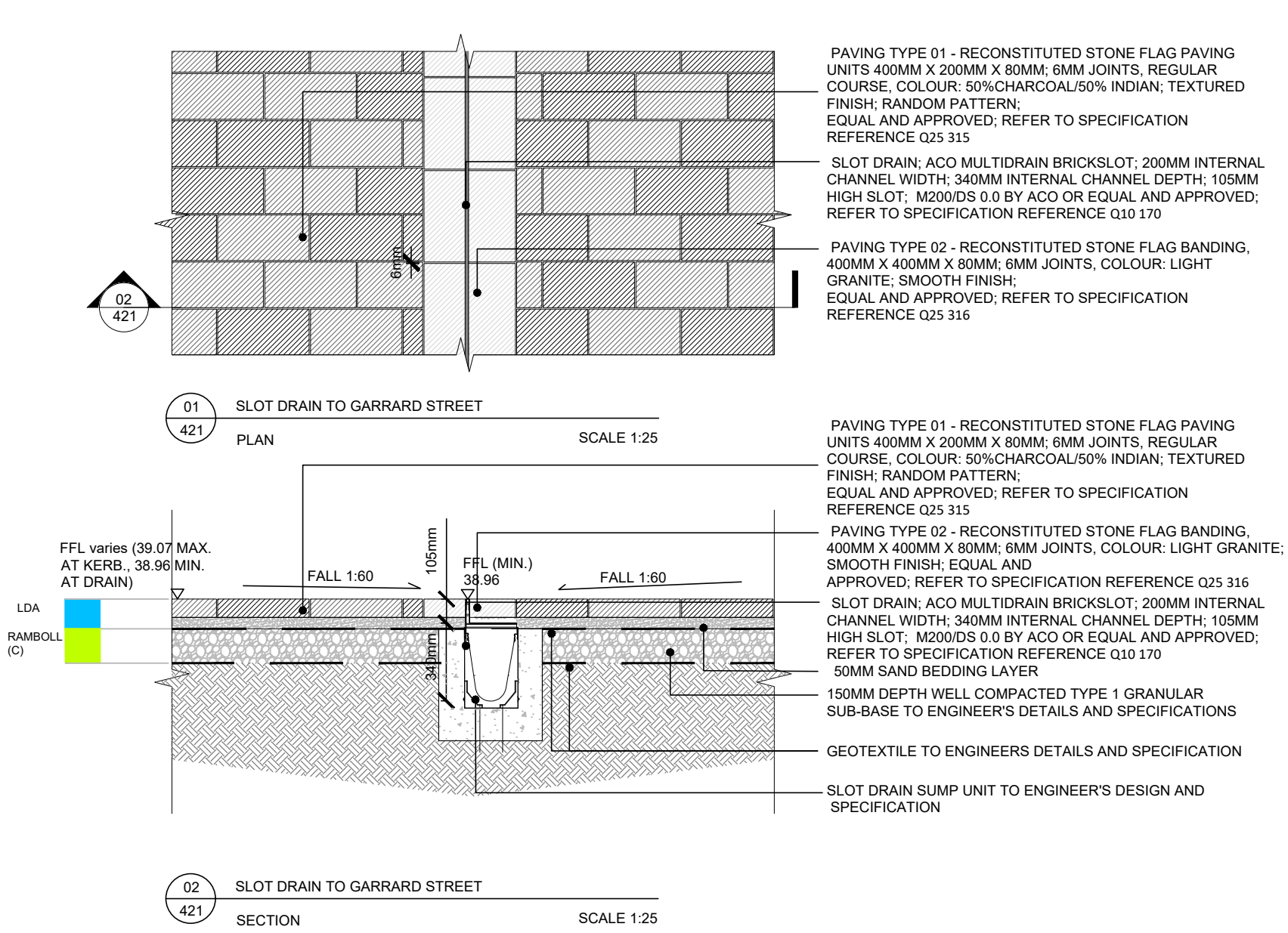
Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).



MOVABLE PLANTER TO GARRARD STREET
PRECEDENT IMAGE



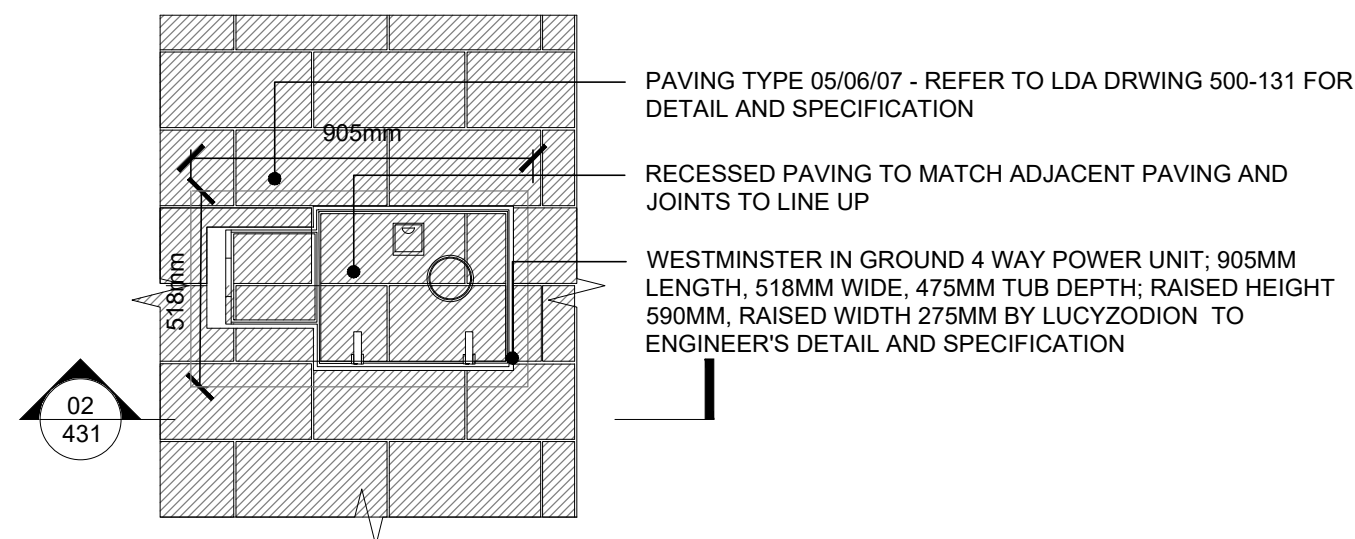
READ THIS FIRST

Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

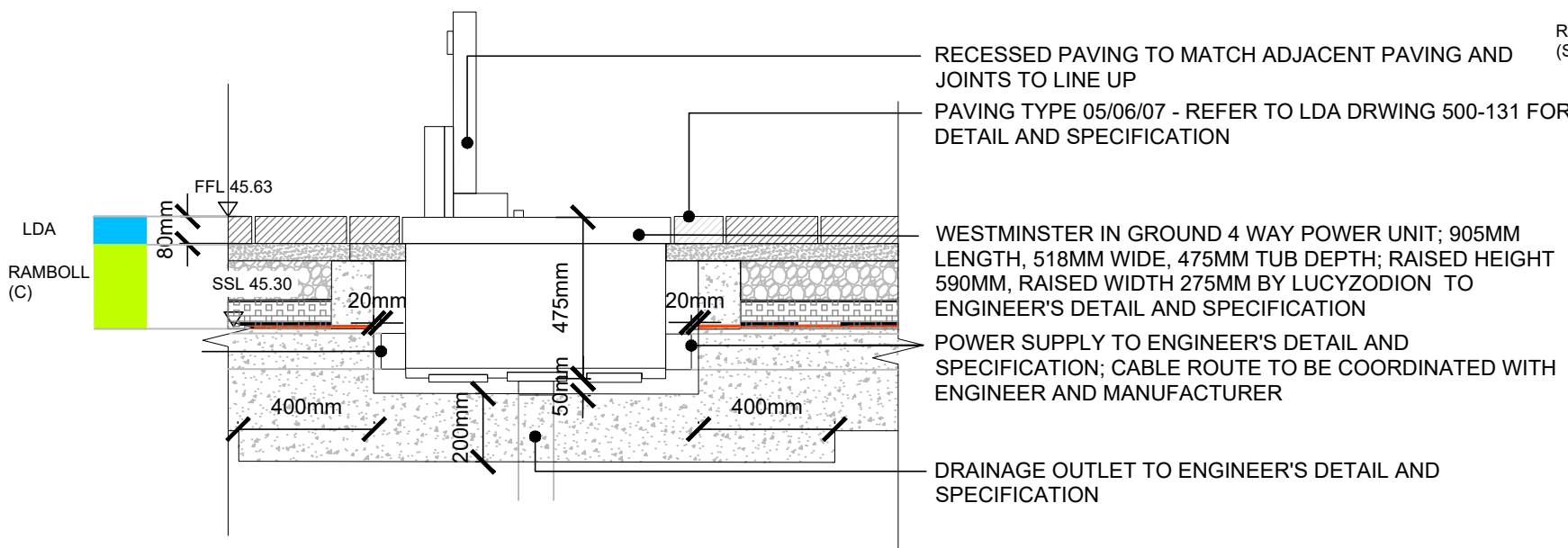
Note for Workers
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK AND EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

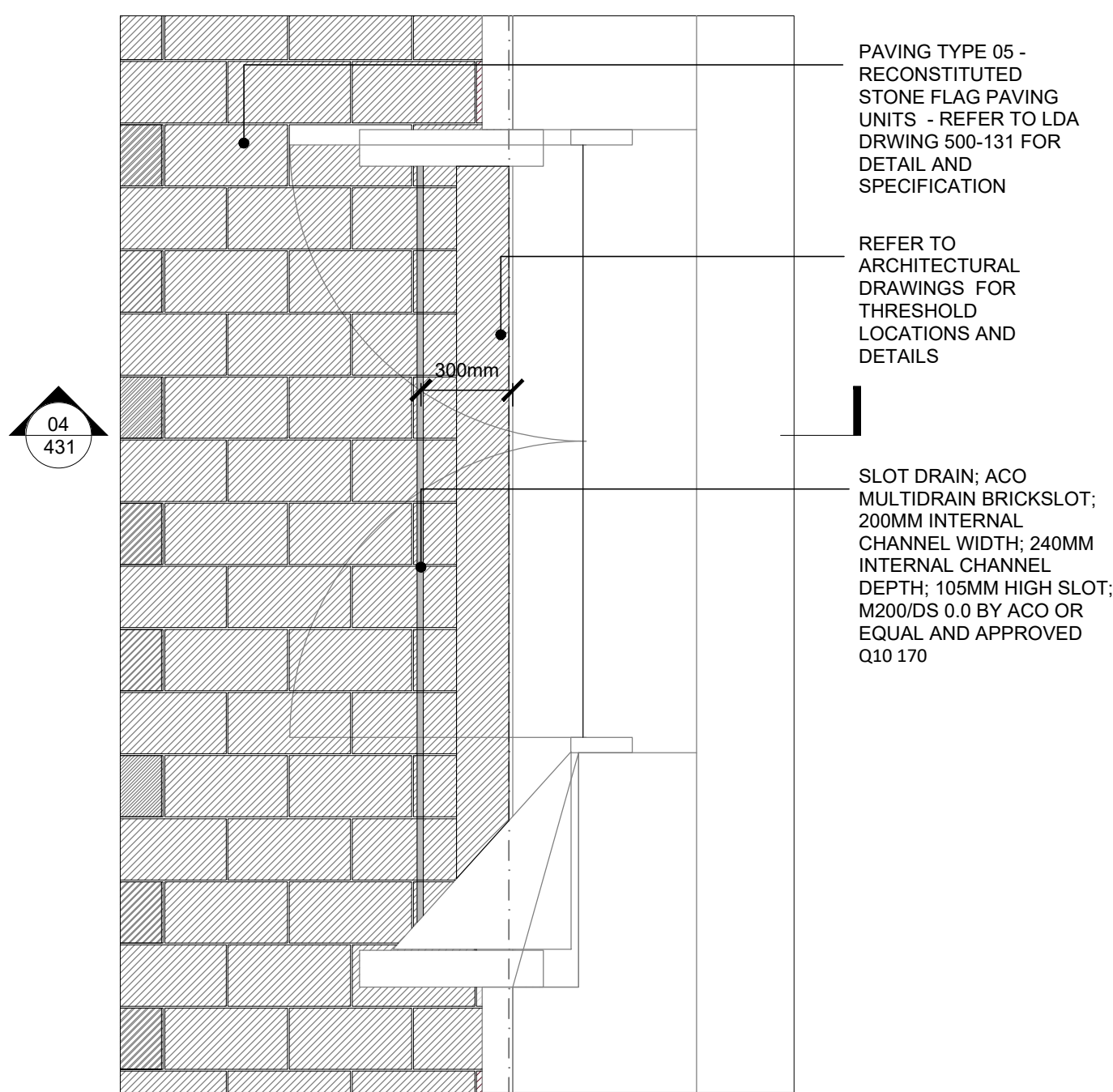
X:\JOBS\6516_STATION_HILL_READING_PHASE_1\7CAD\DRAWINGS\STAGE 3 OPTIMISATION\SHR-LDA-SB-GF-DR-L-500-431.D



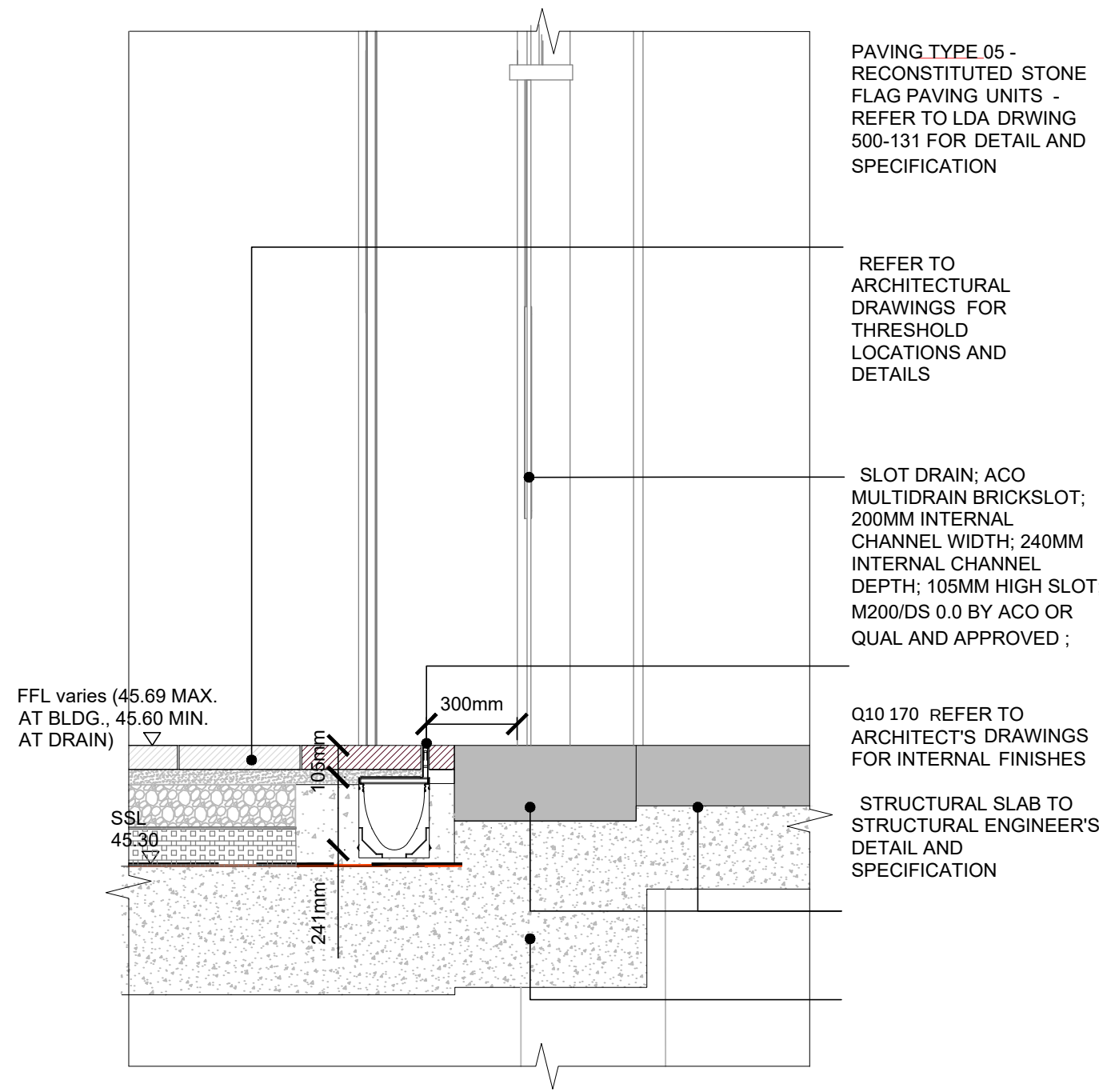
01 POP UP POWER INTERFACE FRIAR'S WALK
PLAN SCALE 1:25



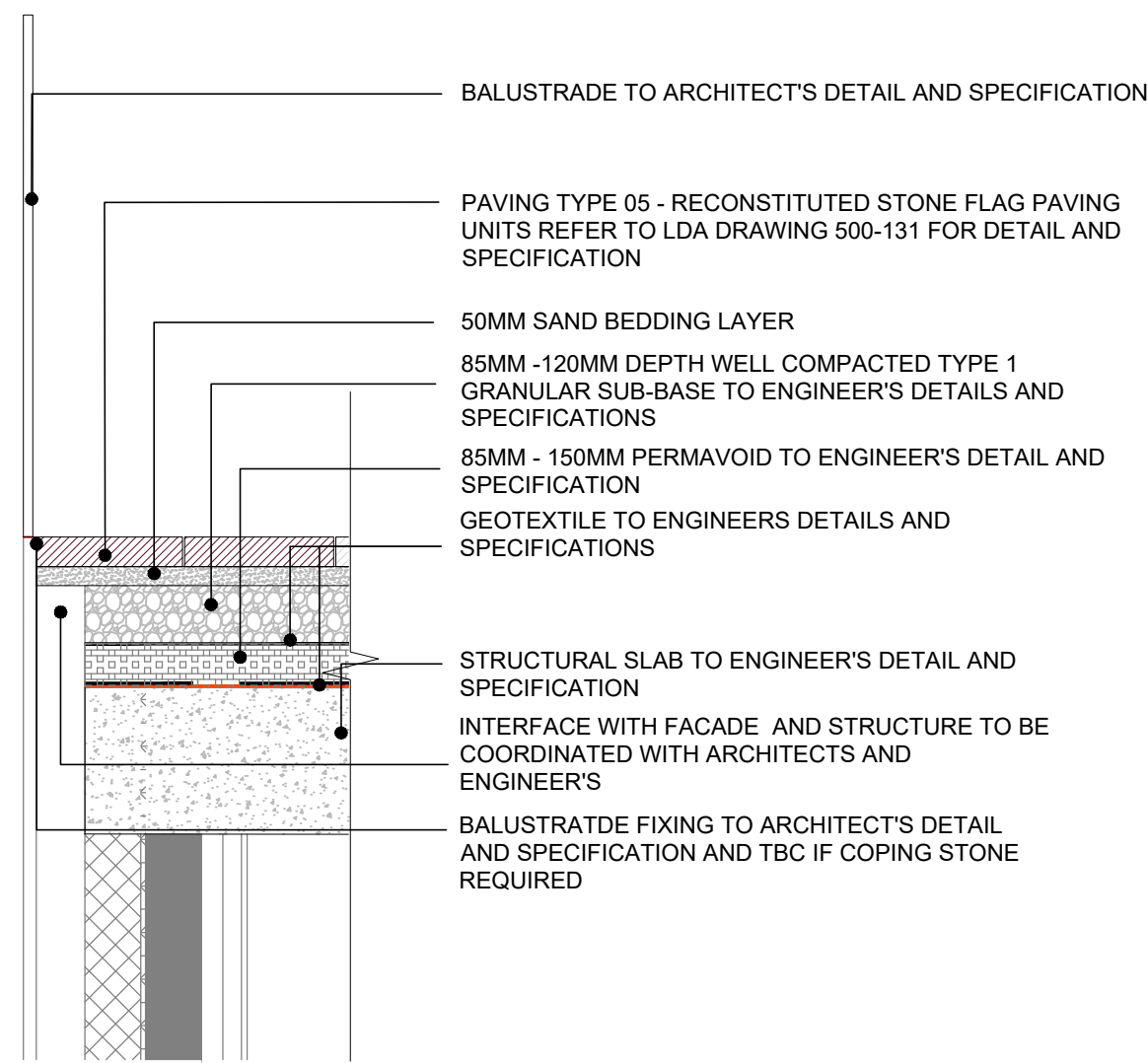
02 POP UP POWER INTERFACE FRIAR'S WALK
SECTION SCALE 1:25



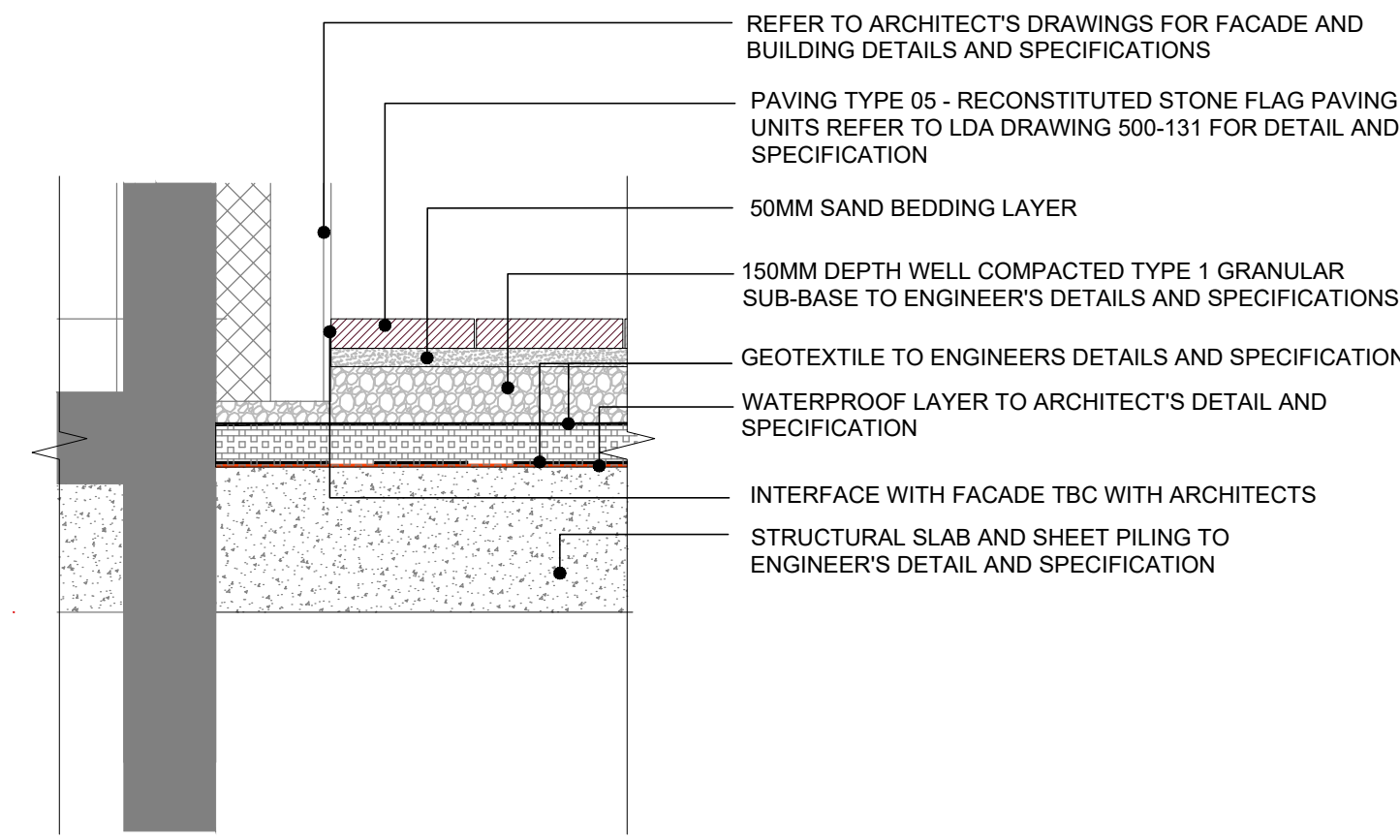
04 TYPICAL DETAIL - SLOT DRAIN TO THRESHOLDS
PLAN SCALE 1:25



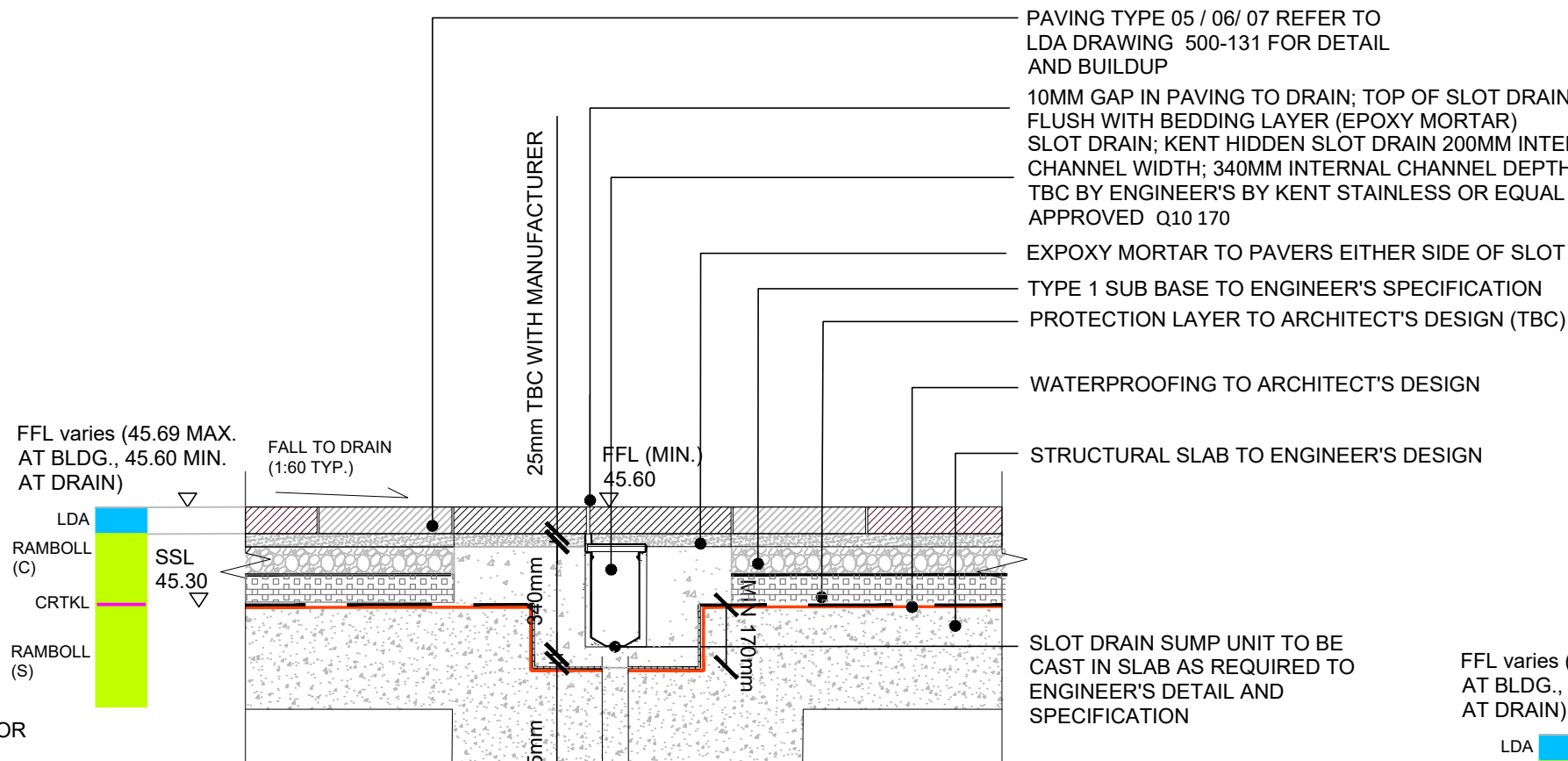
05 TYPICAL DETAIL - SLOT DRAIN TO THRESHOLDS
SECTION SCALE 1:25



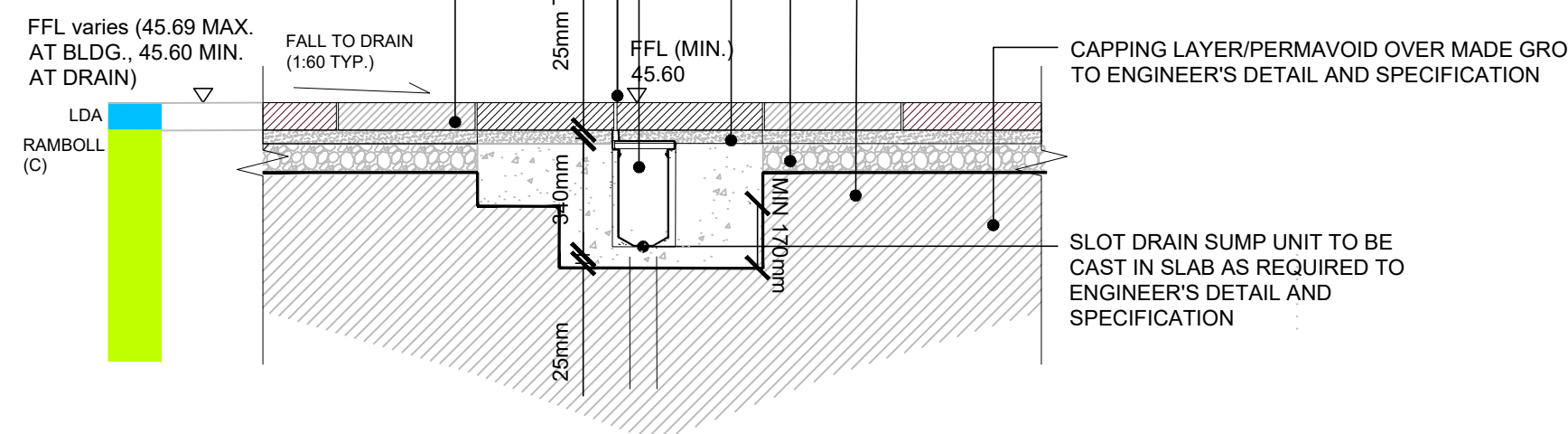
08 BALUSTRADE AND PAVING INTERFACE FRIAR'S WALK
SECTION SCALE 1:25



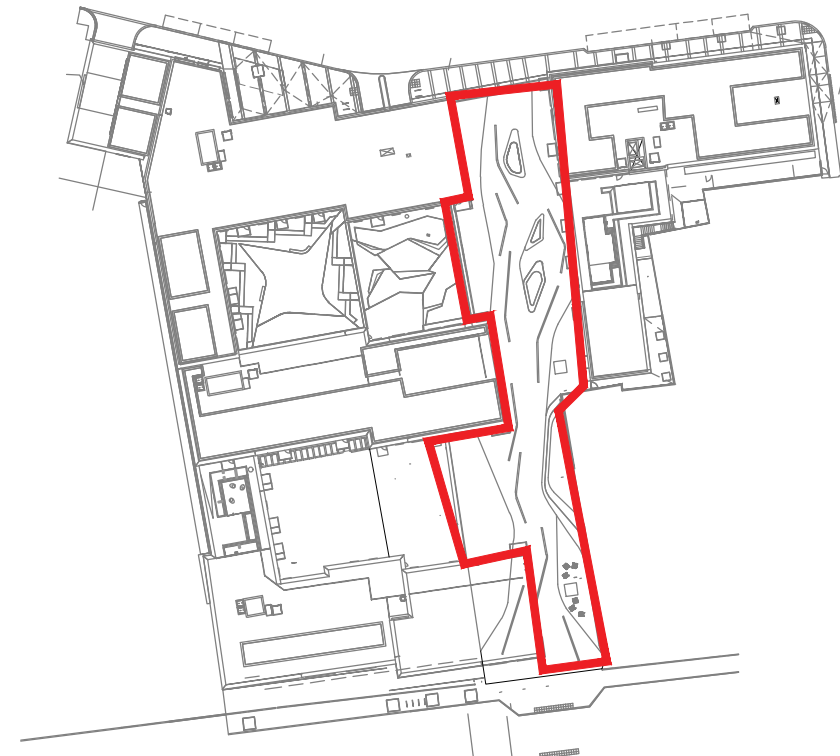
09 PAVING BUILDING INTERFACE FRIAR'S WALK
SECTION SCALE 1:25



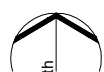
03 SLOT DRAIN FRIAR'S WALK
SECTION SCALE 1:25



03A SLOT DRAIN FRIAR'S WALK
SECTION SCALE 1:25



Scale as shown



C02 Stage 3 Issue - Optimisation Redesign
C01 Contract Issue
REV. DESCRIPTION

CI 13/11/20
CI 09/09/19
APP. DATE

LDĀDESIGN

PROJECT TITLE
STATION HILL READING BLOCK E & F

DRAWING TITLE
INTERFACE DETAILS FRIAR'S WALK

READ THIS FIRST



Note for Contractors

This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.



Note for Workers

DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).



Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

ISSUED BY London T: 020 7467 1470
DATE SEPT 2019 DRAWN ER
SCALE@A1 As shown CHECKED TW
STATUS Final APPROVED CI

DWG. NO SHR-LDA-SB-GF-DR-L-500-431

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.
© LDA Design Consulting LLP. Quality Assured to BS EN ISO 9001 : 2000
Sources Ordnance Survey