

LEGEND - LGF Viaduct Level

-  **T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques. SEE DRAWING (90)-5003 FOR TYPICAL 'FAN' PAVING LAYOUTS TYP 1,2,3
-  **T6** : Blue Engineering Brick Edge Strip. Size to match existing viaduct face. Wienerberger Staffordshire smooth blue perforated bricks 65mm x 215mm x 103mm
-  **T8** : Tactile Granite Corduroy Paving of milled granite to match surrounding paving (Sea black). 800mm Length x 400mm Width x 50mm depth
-  **T10** : Granite Stone Sett paving various rotation. 500mm width with random lengths Large scale granite paviours - 100% sea black
-  **T13** : Trafficable Glass Floor
-  **T16** :WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish.
-  Slot Drain - C250

DO NOT SCALE FROM THIS DRAWING.
 ALL DIMENSIONS TO BE CHECKED ON SITE.
 FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC-M0-001-A-(90)



Status Code (as defined in BS1192)
 D3 - Issued for contractor design
 D4 - Issued for manufacture/procurement

Work in Progress (WIP)
 S0 - Initial Status or WIP

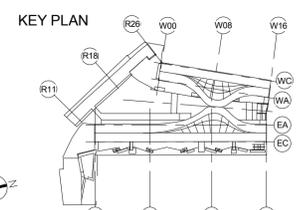
Shared
 S1 - Issued for co-ordination
 S2 - Issued for information
 S3 - Issued for internal review
 S4 - Issued for construction approval

Documentation (Pre-construction)
 D1 - Issued for costing
 D2 - Issued for tender

Documentation (Contractual)
 A - Issued for construction
 B - Issued for construction but with comments
 C - Comprehensive revision required

Archive
 AB - Record Drawing

rev	by	chkd	date	description
006	TM	DW	26.05.17	Updated to suit BAMC comments
005	RS	DW	17.02.17	Call outs of enlarged sheets included
004	SS	MWB	15.02.16	Updated to meet Page Turn meeting Comments
003	SS	MWB	27.01.16	Updated to meet BAMC Comments
002	SS	MWB	21.12.15	General Paving Layout Updated to meet HS and BAMC Comments
001	SS	DW	20.11.15	General Paving Layout and services Updated



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 01727 894200
 design@bam.co.uk
 www.bam.co.uk

project **COAL DROPS YARD**

title **External Paving Layout - LGF Viaduct Level**

purpose of issue **CONSTRUCTION**

scale 1 : 250 @ A1

date 20.11.2015

drawn SS

checked MWB

design@bam.co.uk

BAM job no. 4389

rev. S4

006

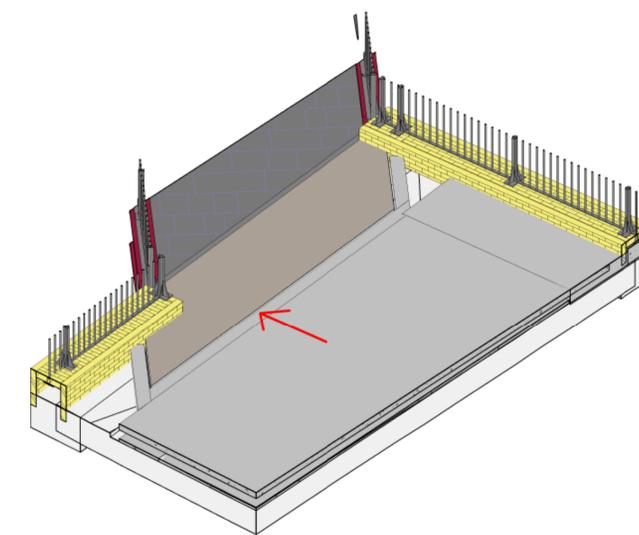
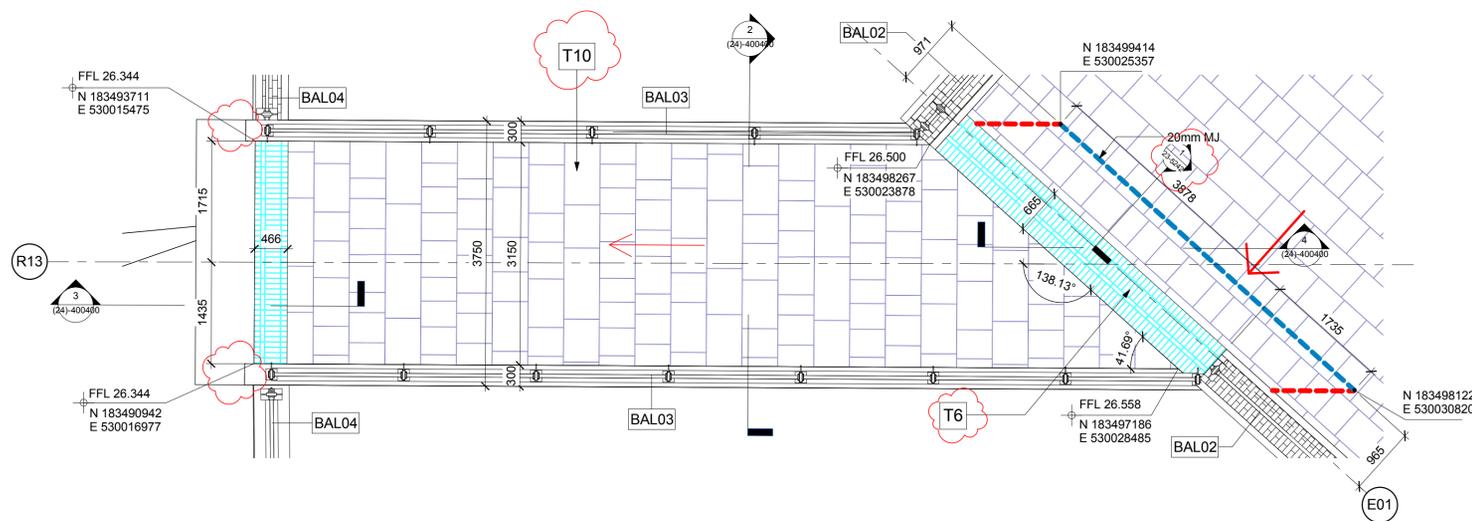
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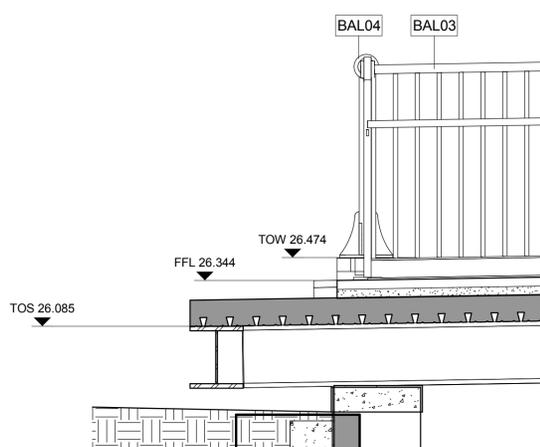
LEGEND
External Finishes - EDC - Viaduct Level

-  **T6** : Blue Engineering Brick Edge Strip. Size to match existing viaduct face. Wienerberger Staffordshire smooth blue perforated bricks 65mm x 215mm x 103mm
-  **T7** : Tactile Granite Corduroy Paving of milled granite setts to match surrounding paving. Length 800mm x 400mm Width x 50mm depth. Millenium Mauve.
-  **T10** : Granite Stone Sett paving various rotation. Lengths between 100-250mm Width x 100 Depth 20% Albion Grey, 65% Millenium Mauve, 15% Millenium Pink
-  **T16** : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
-  Slot Drain - C250
-  Concrete encasing for Slot Drain
-  CF: Compressible filler
-  MJ: Expansion joint in paving See Structural Engineers Details
-  10mm Mastic Joint
-  15mm Mastic Joint
-  20mm Movement joint - Compressible filler
-  SOP Setting out position for paving finish

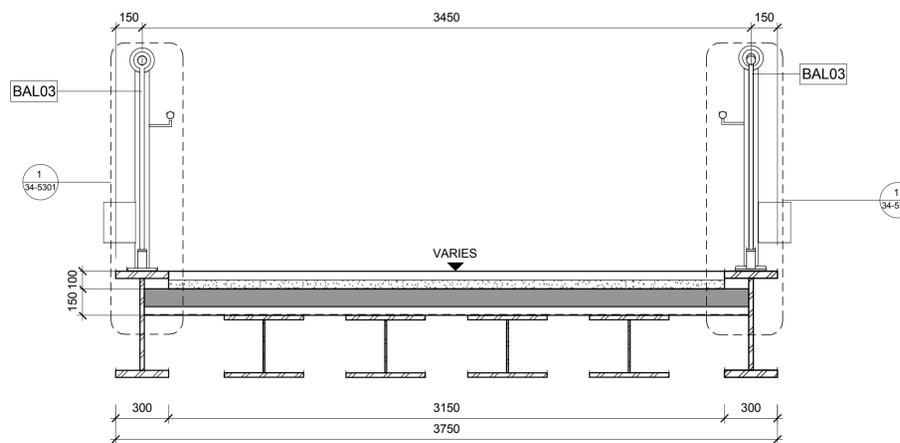


1 ECD-WRA VIAUCT LEVEL YARD BRIDGE GA
 1: 50

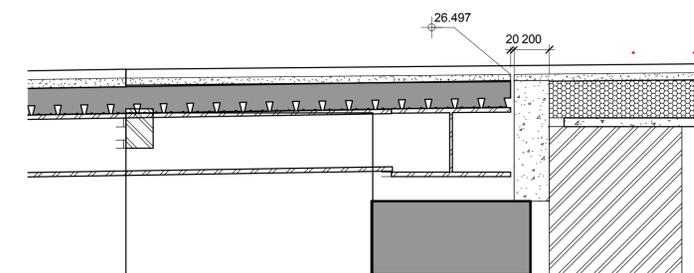
5 BRIDGE END ECD



3 WRA BRIDGE END DETAIL
 1: 20



2 TRANSVERSAL SECTION
 1: 20



4 ECD BRIDGE END DETAIL
 1: 20

Status Code (as defined in BS1192)
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 S0 - Initial Status or WIP

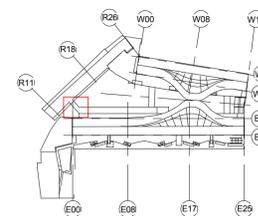
Shared
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 AB - Record Drawing

no	by	chkd	date	description
002	TM	MWB	17.02.17	Issued for construction



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 www.bam.co.uk

project **COAL DROPS YARD**

title **ECD-WRA Yard - Viaduct Level Bridge**

purpose of issue **CONSTRUCTION**

scale **As indicated @ A1** draw **TM** BAM job no. **4389** dig. status **B**

date **12/06/16** checked **MB** rev **002**

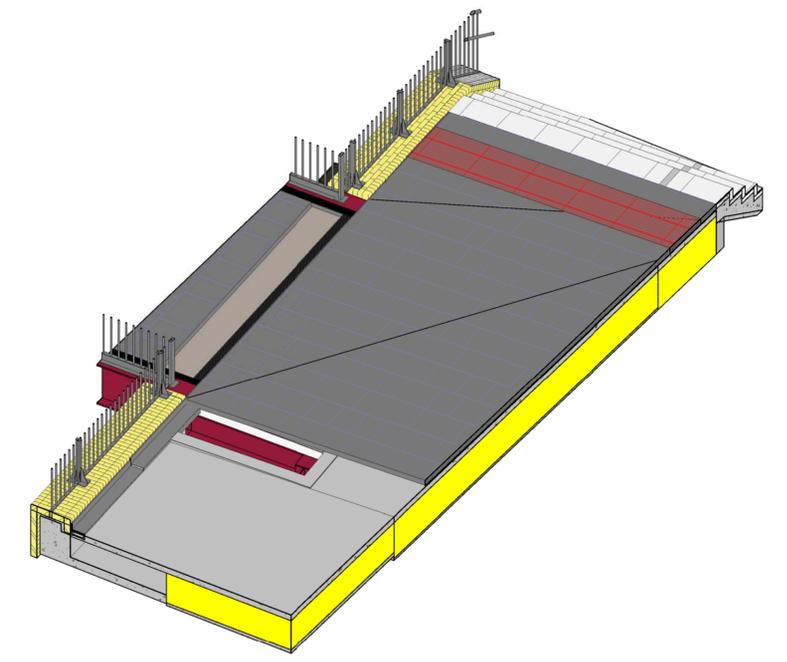
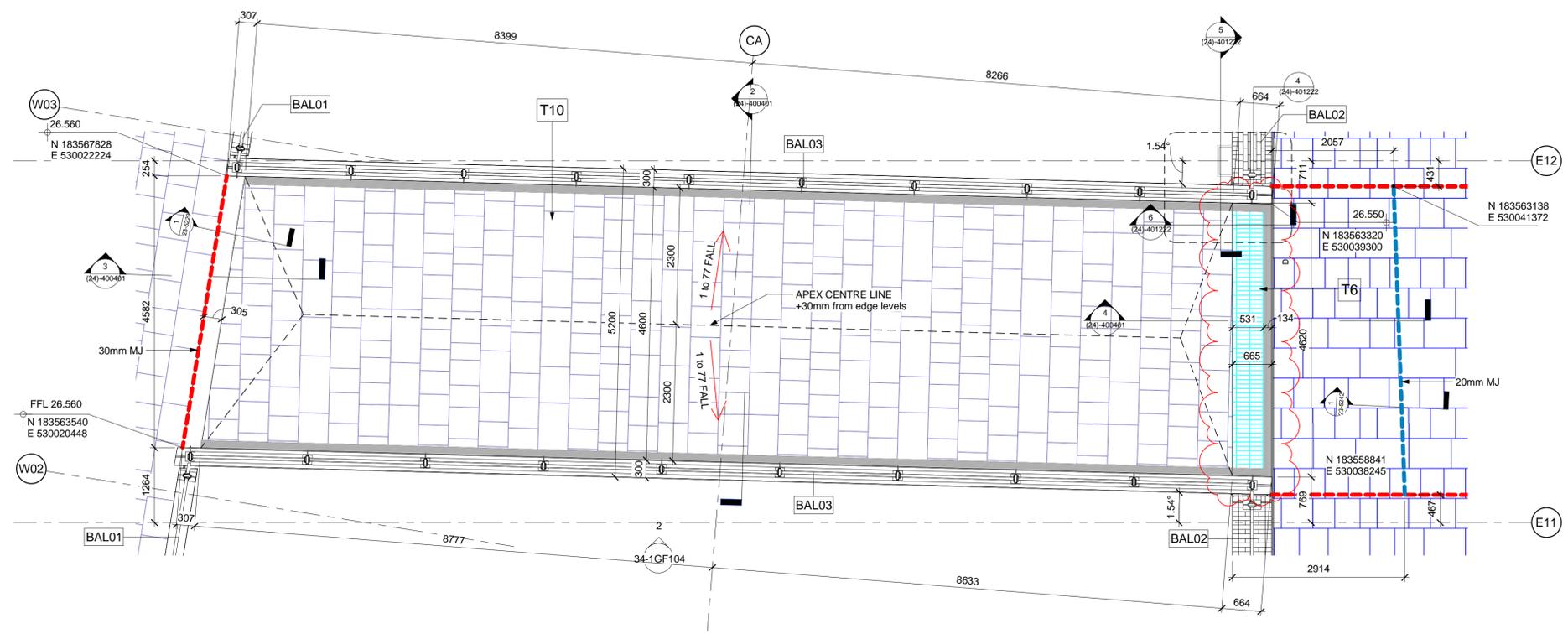
site **KXC-M0-001-BD4389-A-(24)-400400** Consulted **002** Role **CISFB** Content **002**

dig / doc ref **002**

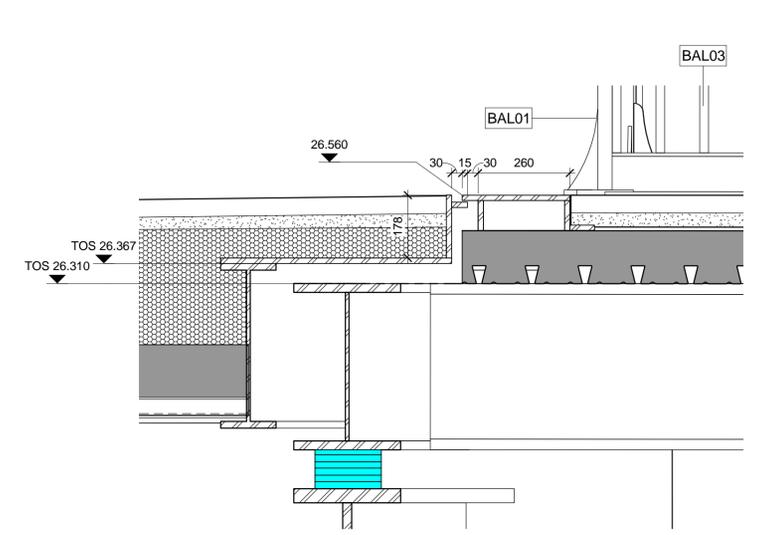
LEGEND
External Finishes - ECD - Viaduct Level

-  T2 : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
SEE DRAWING (90)-5003 FOR TYPICAL 'FAN' PAVING LAYOUTS TYP 1,2,3
-  T6 : Blue Engineering Brick Edge Strip. Size to match existing viaduct face. Wienerberger Staffordshire smooth blue perforated bricks 65mm x 215mm x 103mm
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-  T16 : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
-  Slot Drain - C250
-  Concrete encasing for Slot Drain
-  CF: Compressible filler
-  MJ: Expansion joint in paving
See Structural Engineers Details
-  10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)
-  15mm Mastic Joint
-  20mm Movement joint - Compressible filler
-  Fall lines shown indicatively , slopes to be executed with soft blends, no setts to be cut
-  SOP
Setting out position for paving finish

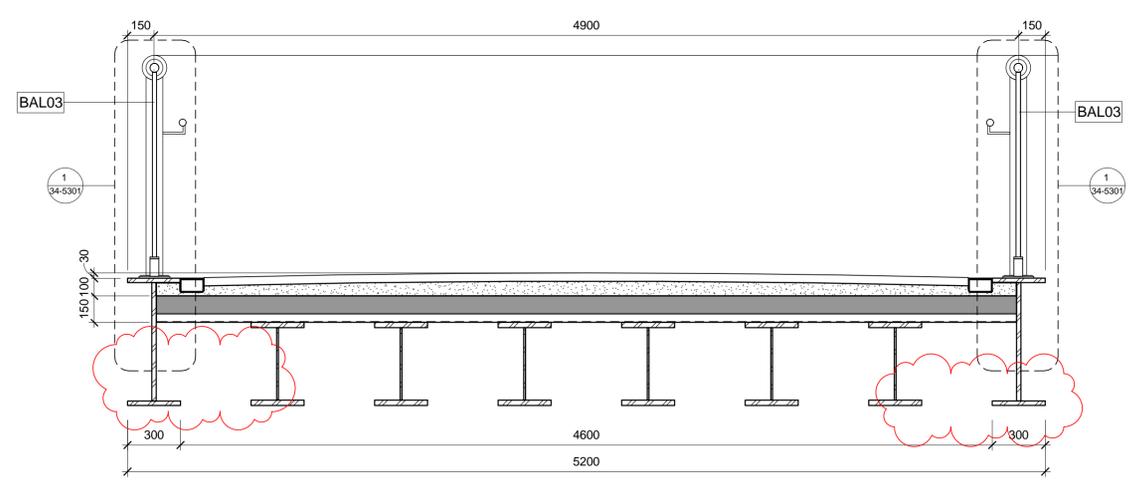
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ALL DIMENSIONS TO BE CHECKED ON SITE.
FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC-M0-001-A-(24)



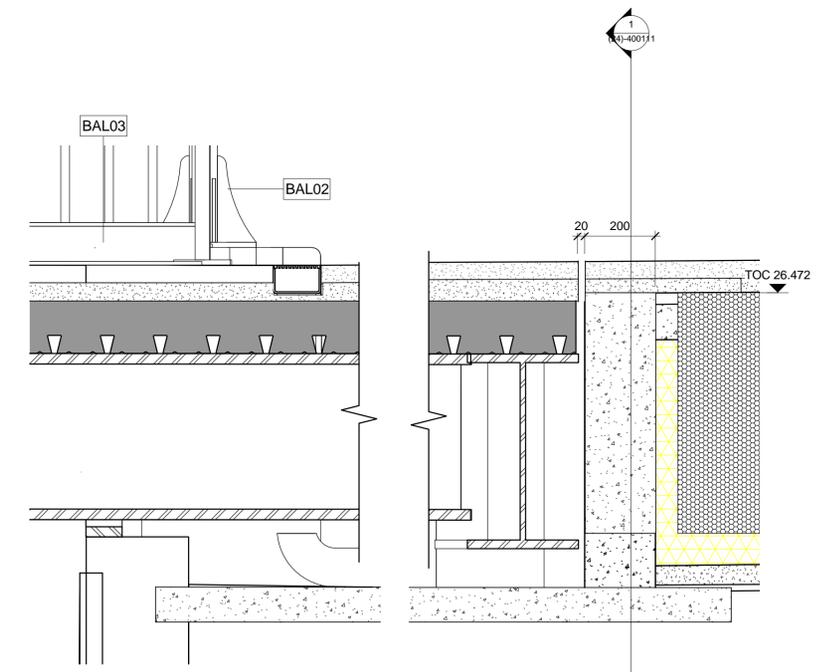
1 ECD-WCD YARD - VIADUCT LEVEL SOUTH BRIDGE GA
1 : 50



3 WCD END DETAIL
1 : 10

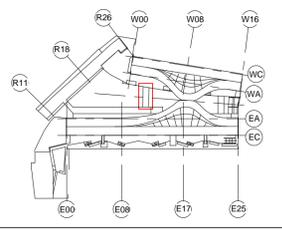


2 TRANSVERSAL SECTION
1 : 20



4 ECD END DETAIL
1 : 10

no	by	chkd	date	description
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002	TM	MWB	17.02.17	Issued for construction

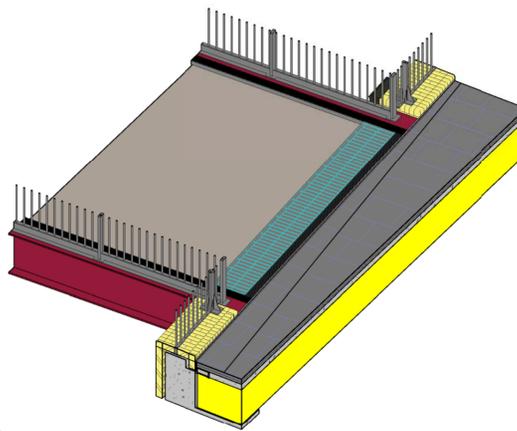


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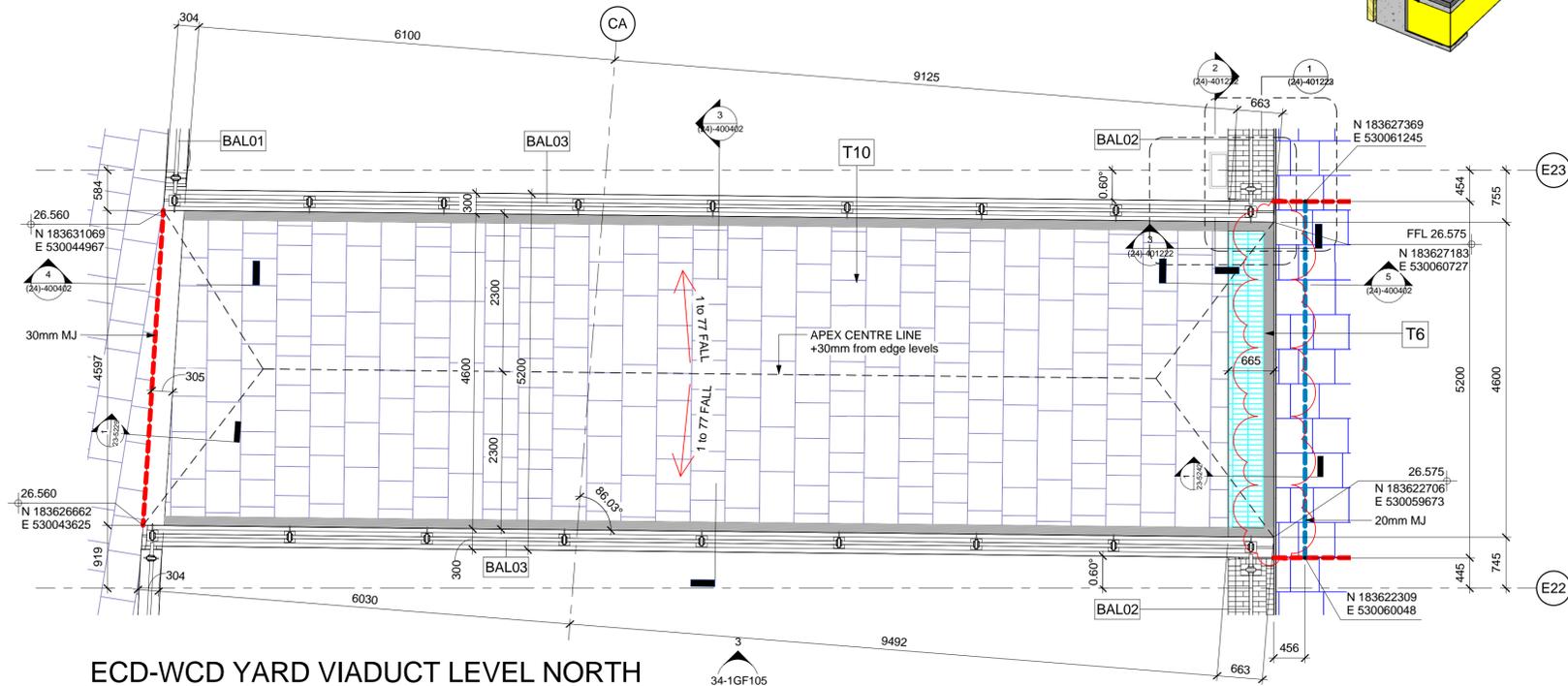
project COAL DROPS YARD
BIM ECD-WCD Yard - Viaduct Level South Bridge
purpose of issue CONSTRUCTION
scale As indicated @ A1
date 12/06/16
site identification project
checked MB
drawn TM
BAM job no. 4389
B
design@bam.co.uk
www.bam.co.uk
01727 894200
KXC-M0-001-BD4389-A-(24)-400401 003

LEGEND
External Finishes - ECD - Viaduct Level

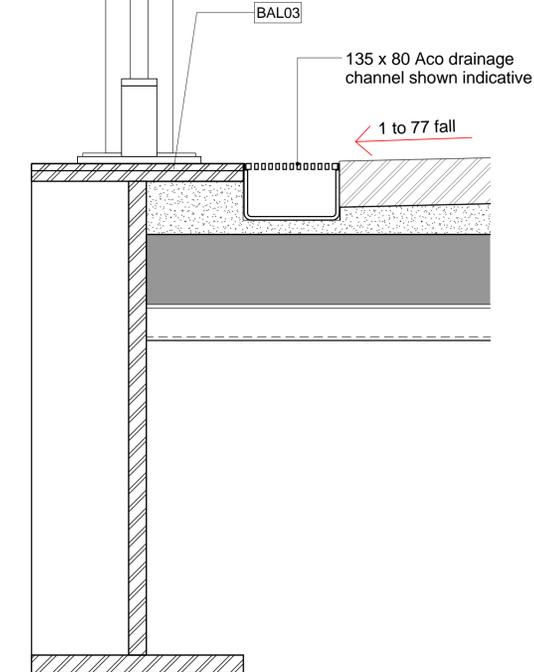
-  **T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
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-  **T16** : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
-  **Slot Drain - C250**
-  **Concrete encasing for Slot Drain**
-  **CF: Compressible filler**
-  **MJ: Expansion joint in paving**
See Structural Engineers Details
-  **10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)**
-  **15mm Mastic Joint**
-  **20mm Movement joint - Compressible filler**
-  **Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut**
-  **SOP** Setting out position for paving finish



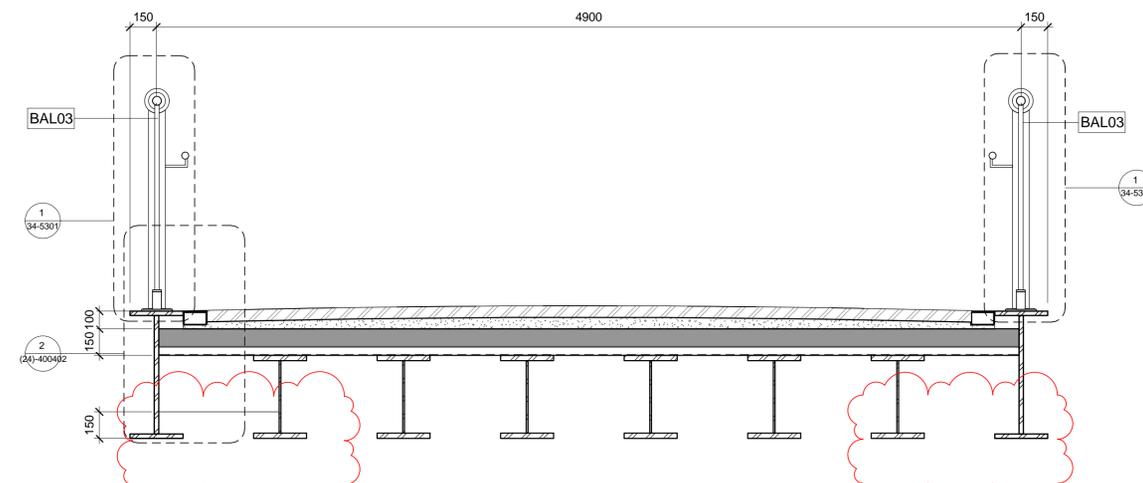
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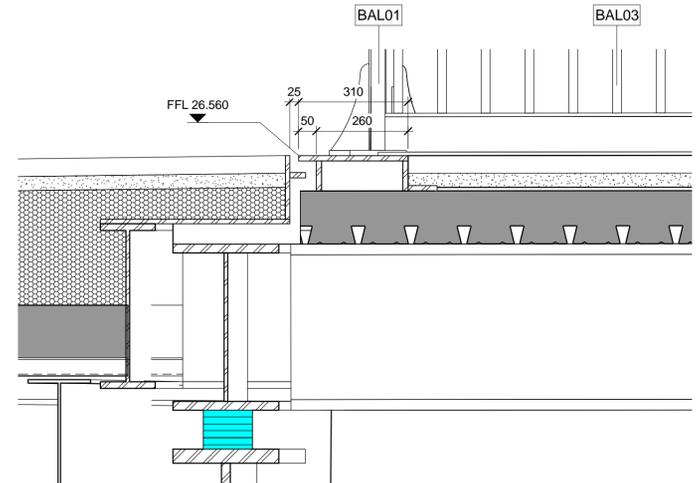
1 ECD-WCD YARD VIADUCT LEVEL NORTH BRIDGE GA
1 : 50



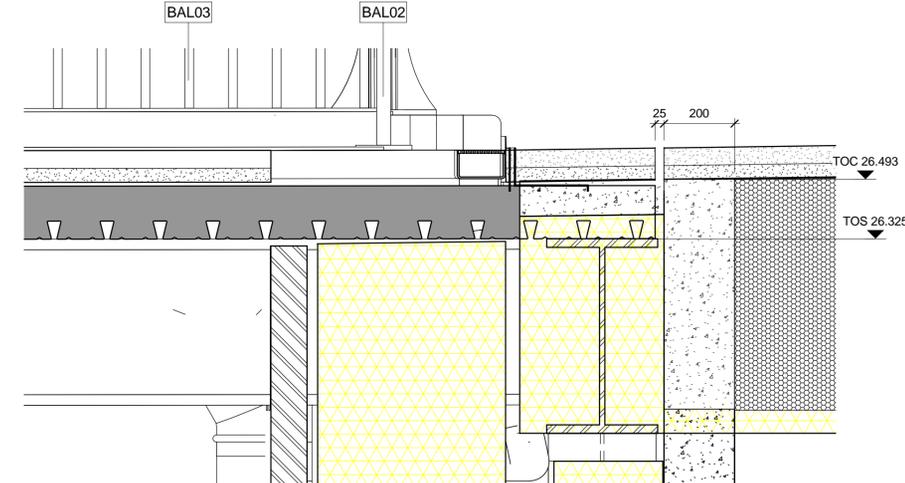
2 Detail 54
1 : 5



3 TRANSVERSAL SECTION
1 : 20



4 WCD END DETAIL
1 : 10



5 ECD END DETAIL
1 : 10

Status Code (as defined in BS1192)
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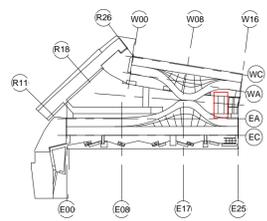
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Archive
AB - Record Drawing

no	by	chkd	date	description
003	AM	DGW	23-06-17	Drainage channel position updated. Metal cover plate removed.
002	TM	MWB	17.02.17	Issued for construction



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project **COAL DROPS YARD**

title **ECD-WCD Yard - Viaduct Level North Bridge** purpose of issue **CONSTRUCTION**

scale **As indicated @ A1** drawn **TM** BAM job no. **4389** dig. status **S4**

date **12/06/16** checked **MB** **4389**

site identification project **KXC-M0-001-BD4389-A-(24)-400402** 003

design/doc.ref

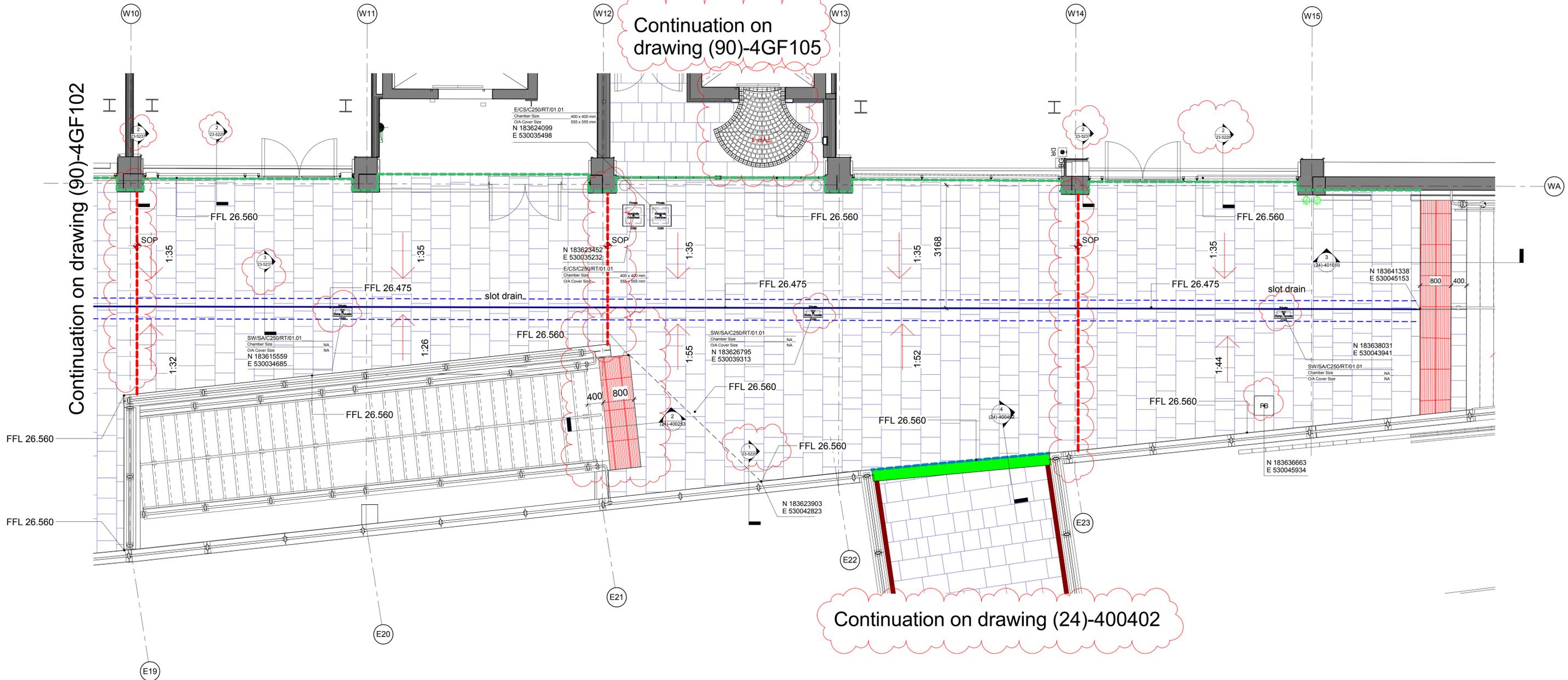
LEGEND
External Finishes - WCD - Viaduct Level

-  T2 : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
 SEE DRAWING (90)-5003 FOR TYPICAL 'FAN' PAVING LAYOUTS TYP 1,2,3
-  T8 : Tactile Granite Corduroy Paving of milled granite to match surrounding paving (Sea black). 800mm Length x 400mm Width x 50mm depth
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-  T13 : Trafficable Glass Floor
-  T16 : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
-  Slot Drain - C250
-  Concrete encasing for Slot Drain
-  10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)
-  15mm Mastic Joint
-  20mm Movement joint - Compressible filler
-  SOP Setting out position for paving finish
-  Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut

Continuation on drawing (90)-4GF102

Continuation on drawing (90)-4GF105

Continuation on drawing (24)-400402



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TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

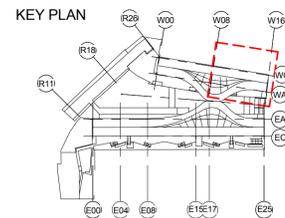
NOTES:

1. This drawing shows design intent only & is subject to detailed design specialists.
 2. Figured dimensions only are to be taken from this drawing. All contractors must visit site & are responsible for taking & checking all dimensions relating to their work. BAM Design to be advised of any variation between drawings & site conditions.
 3. All vertical dimensions to be taken from FFL, please note that all manufacturing schedules are to take this into account.
 4. All dimensions are in millimetres unless noted otherwise.
 5. All levels in meters unless noted otherwise.
- To be read in conjunction with -
 ARUP drawings for structural frame, openings, supports

NOTES:

- General -**
- Material finishes all to approved samples
 - Areas stated are approximate for pricing exercise only and are total area of BAMC scope of works boundary as indicated on drawing 4389-A-20-001
 - Existing services covers in new / re-instated paving to be re-aligned with paving where possible - individual covers to be reviewed on site
- To be read in conjunction with**
- ARUP Structural Engineers drawings for sub base information
 - ARUP / PBA drawings for drainage layouts
 - BAMD Electrical Engineers drawings for services, lighting layouts
 - BAMD for waterproofing details (23 - Series)
 - Miller Druck for paving finishes / cut patterns
 - PBA - Drainage levels

no	ty	std	date	description
002	TM	MWB	26.05.17	Updated as per BAMC comments



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project **COAL DROPS YARD**

title **External Paving Layout - M1
 WCD - LGF Viaduct Level -
 Sheet 01** purpose of issue **CONSTRUCTION**

scale **As indicated @ A1** drawn **RS** BAM job no. dig status

date **03/09/16** checked **MWB** **4389** **S4**

site **01727 894200** consultation **MWB** Role **C/SFB** Content **rev**

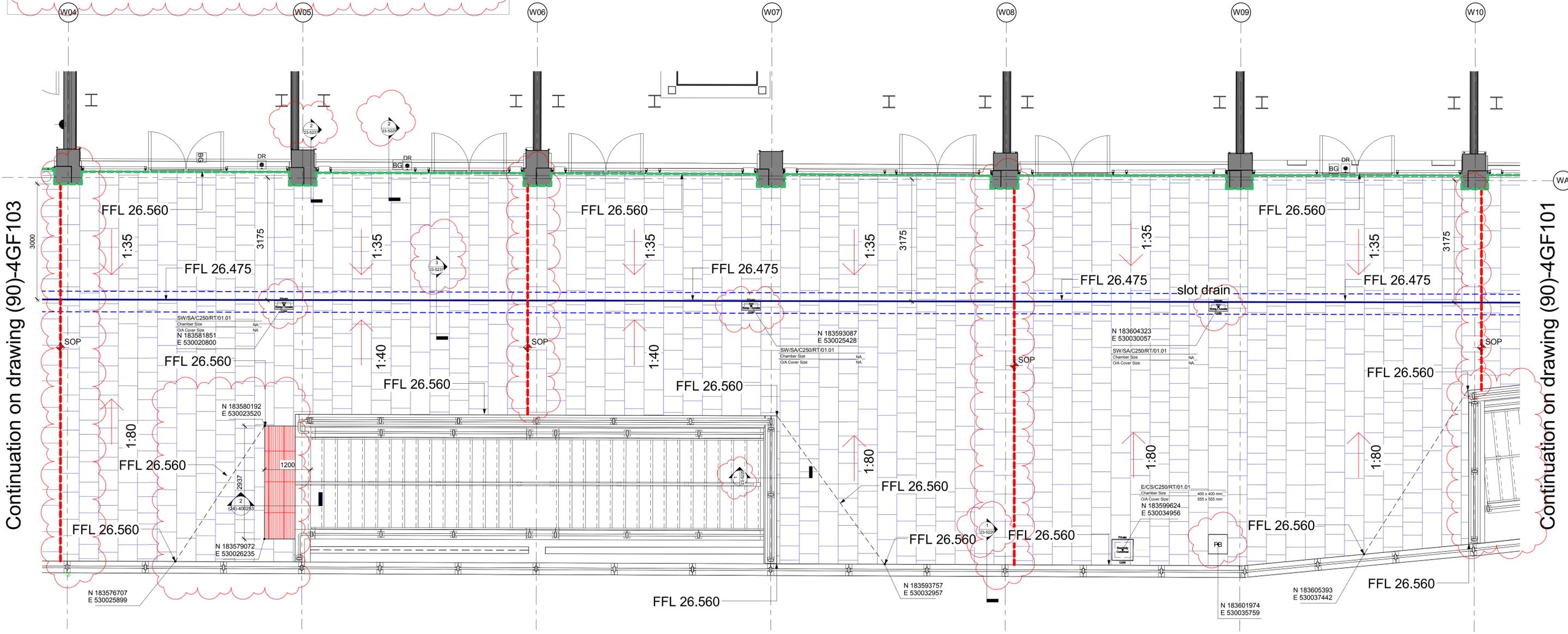
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LEGEND

External Finishes - WCD - Viaduct Level

- T2 : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
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Continuation on drawing (90)-4GF103

Continuation on drawing (90)-4GF101

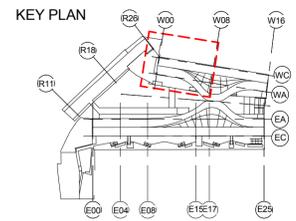
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 - All levels in meters unless noted otherwise.
- To be read in conjunction with -**
 ARUP drawings for structural frame, openings, supports

TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

- NOTES:**
- General -**
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- To be read in conjunction with -**
- ARUP Structural Engineers drawings for sub base information
 - ARUP / PBA drawings for drainage layouts
 - BAMC Electrical Engineers drawings for services, lighting layouts
 - BAMC for waterproofing details (Z3 - Series)
 - Miler Druck for paving finishes / cut patterns
 - PBA - Drainage levels

no	by	chkd	date	description
002	TM	MWB	26.05.17	Updated as per BAMC comments



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project COAL DROPS YARD

02 External Paving Layout - M1
 WCD - GF Viaduct Level - Sheet

purpose of issue CONSTRUCTION

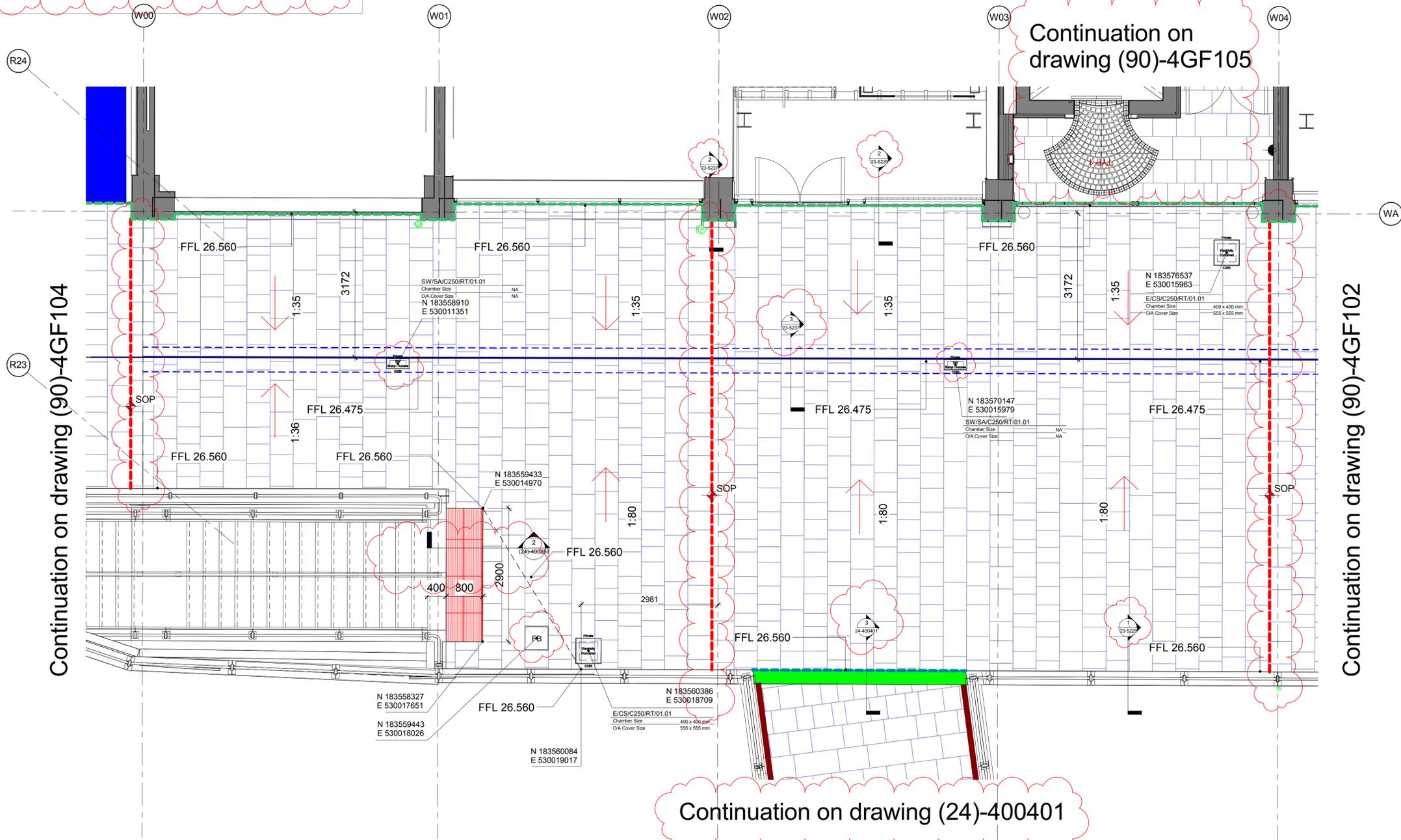
03/09/16 03/09/16 01727 894200 design@bam.co.uk www.bam.co.uk

As indicated @ A1 draw RS BAM job no. dig status
 checked MWB 4389 S4
 Role C/SFB Content rev

KXC-M1- 001-BD4389-A-(90)-4GF102 002

LEGEND
External Finishes - WCD - Viaduct Level

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- Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut



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TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

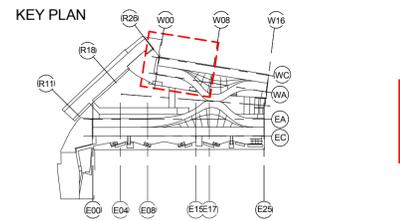
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 - All levels in meters unless noted otherwise.
- To be read in conjunction with -**
 ARUP drawings for structural frame, openings, supports

NOTES:

- General -**
- Material finishes all to approved samples
 - Areas stated are approximate for pricing exercise only and are total area of BAMC scope of works boundary as indicated on drawing 4389-A-20-001
 - Existing services covers in new / re-instated paving to be re-aligned with paving where possible - individual covers to be reviewed on site
- To be read in conjunction with -**
- ARUP Structural Engineers drawings for sub base information
 - ARUP / PBA drawings for drainage layouts
 - BAMC Electrical Engineers drawings for services, lighting layouts
 - BAMC for waterproofing details (23 - Series)
 - Miler Druck for paving finishes / cut patterns
 - PBA - Drainage levels

no	ty	chkd	date	description
002	TM	MWB	26.05.17	Updated as per BAMC comments



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project COAL DROPS YARD

title External Paving Layout - M1
 WCD - GF Viaduct Level - Sheet
 03 CONSTRUCTION

scale As indicated @ A1 drawn RS BAM job no. dig status
 date 03/09/16 checked MWB 4389 S4
 site 01727 894200
 design@bam.co.uk
 dig / doc ref KXC-M1- 001-BD4389-A-(90)-4GF103 002

LEGEND
External Finishes - ECD - Viaduct Level

T2 : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
 SEE DRAWING (90)-5003 FOR TYPICAL 'FAN' PAVING LAYOUTS TYP 1,2,3

T6 : Blue Engineering Brick Edge Strip. Size to match existing viaduct face. Wienerberger Staffordshire smooth blue perforated bricks 65mm x 215mm x 103mm

T8 : Tactile Granite Corduroy Paving of milled granite to match surrounding paving (Sea black). 800mm Length x 400mm Width x 50mm depth

T10 : Granite Stone Sett paving various rotation. 500mm width with random lengths Large scale granite pavours - 100% sea black

T16 : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish

Slot Drain - C250

Concrete encasing for Slot Drain

CF: Compressible filler

MJ: Expansion joint in paving See Structural Engineers Details

10mm Mastic Joint (setting out to nearest paving course to gridlines - as shown, excepting bridge movement joints)

15mm Mastic Joint

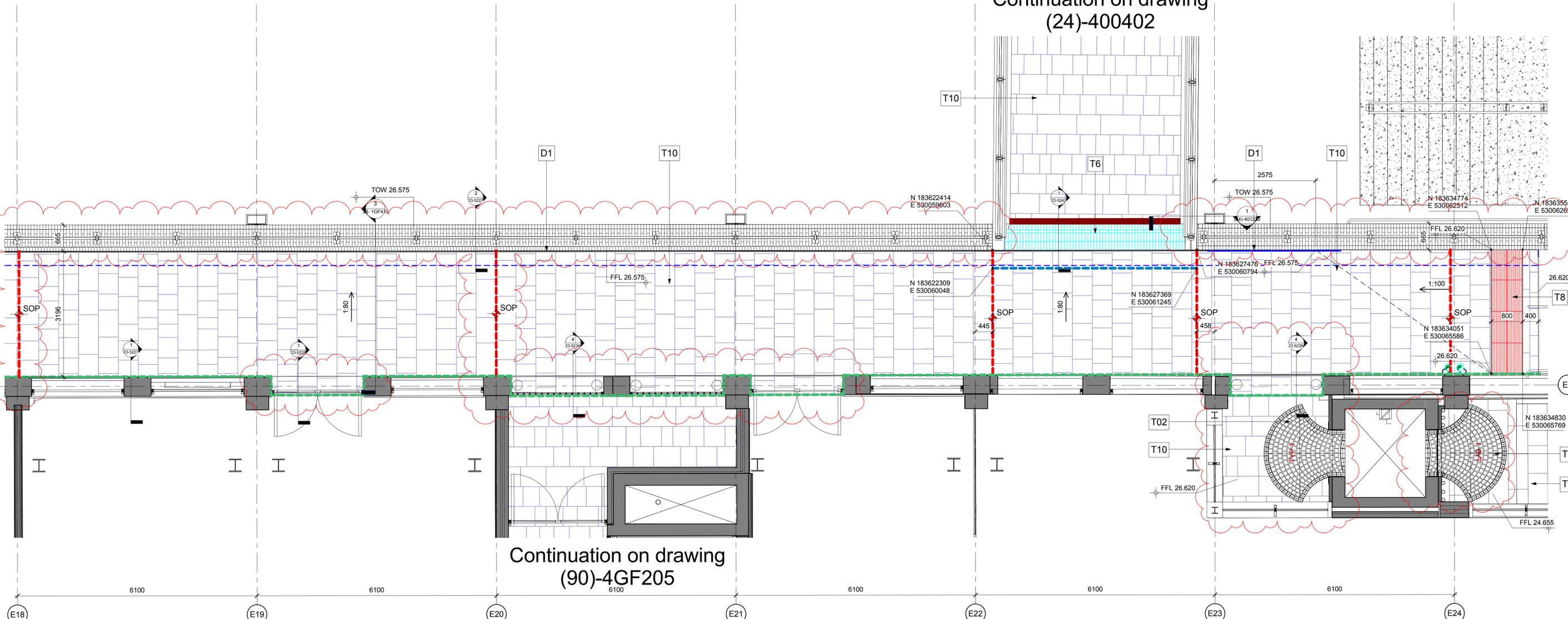
20mm Movement joint - Compressible filler

Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut

SOP Setting out position for paving finish

Continuation on drawing (90)-4GF202

Continuation on drawing
(24)-400402



DO NOT SCALE FROM THIS DRAWING - ALL DIMENSIONS TO BE CHECKED ON SITE

TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

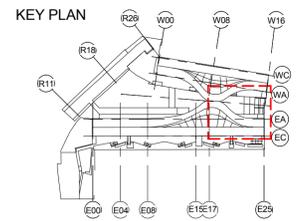
NOTES:

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 - All levels in meters unless noted otherwise.
- To be read in conjunction with -**
 ARUP drawings for structural frame, openings, supports

NOTES:

- General -**
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 - ARUP / PBA drawings for drainage layouts
 - BAMD Electrical Engineers drawings for services, lighting layouts
 - BAMD for waterproofing details (23 - Series)
 - Miller Druck for paving finishes / cut patterns
 - PBA - Drainage levels

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002	TM	MWB	26.05.17	Updated as per BAMC comments



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project **COAL DROPS YARD**

title **External Paving Layout - M2
 ECD - LGF Viaduct Level -
 Sheet 01**

purpose of issue **CONSTRUCTION**

scale **As indicated @ A1** draw **TM** BAM job no. **4389** dig. status **S4**

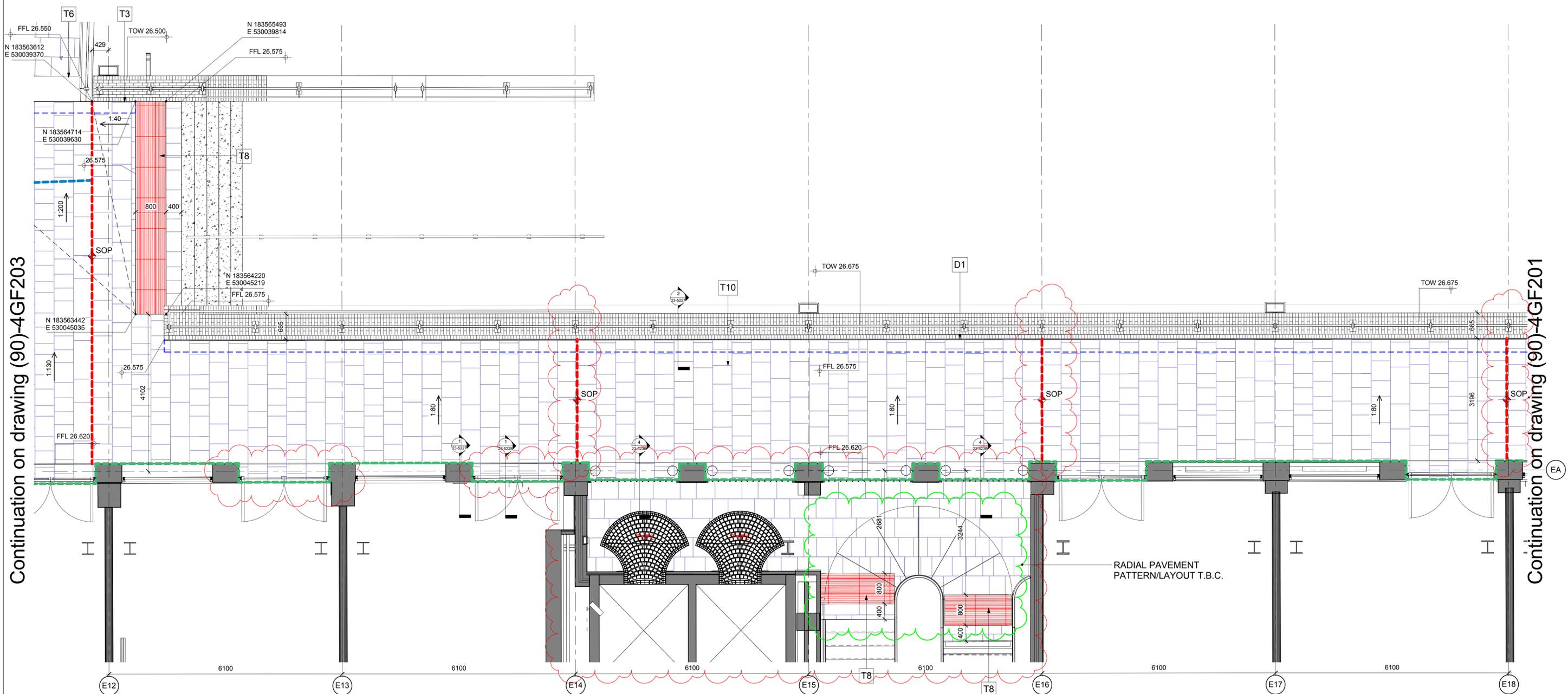
date **03/09/16** checked **MWB** 4389

site **01727 894200** design@bam.co.uk

dig / doc ref **KXC-M2-001-BD4389-A-(90)-4GF201 002**

LEGEND
External Finishes - ECD - Viaduct Level

- T2 : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
SEE DRAWING (90)-5003 FOR TYPICAL 'FAN' PAVING LAYOUTS TYP 1,2,3
- T6 : Blue Engineering Brick Edge Strip. Size to match existing viaduct face. Wienerberger Staffordshire smooth blue perforated bricks 65mm x 215mm x 103mm
- T8 : Tactile Granite Corduroy Paving of milled granite to match surrounding paving (Sea black). 800mm Length x 400mm Width x 50mm depth
- T10 : Granite Stone Sett paving various rotation. 500mm width with random lengths Large scale granite pavours - 100% sea black
- T16 : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
- Slot Drain - C250
- Concrete encasing for Slot Drain
- CF: Compressible filler
- MJ: Expansion joint in paving See Structural Engineers Details
- 10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)
- 15mm Mastic Joint
- 20mm Movement joint - Compressible filler
- Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut
- SOP Setting out position for paving finish



Continuation on drawing (90)-4GF203

Continuation on drawing (90)-4GF201

DO NOT SCALE FROM THIS DRAWING - ALL DIMENSIONS TO BE CHECKED ON SITE

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- All levels in meters unless noted otherwise.

To be read in conjunction with ARUP drawings for structural frame, openings, supports

NOTES:

General -

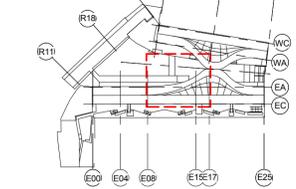
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To be read in conjunction with -

- ARUP Structural Engineers drawings for sub base information
- ARUP / PBA drawings for drainage layouts
- BAMD Electrical Engineers drawings for services, lighting layouts
- BAMD for waterproofing details (23 - Series)
- Miler Druck for paving finishes / cut patterns
- PBA - Drainage levels

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KEY PLAN



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project COAL DROPS YARD

External Paving Layout - M2
 ECD - LGF Viaduct Level -
 Sheet 02

CONSTRUCTION

As indicated @ A1 draw TM BAM job no. dig status
 03/09/16 checked MWB 4389 S4
 site identification project Consultant Role C/SFB Content rev
 d/g / doc ref KXC-M2- 001-BD4389-A-(90)-4GF202 002

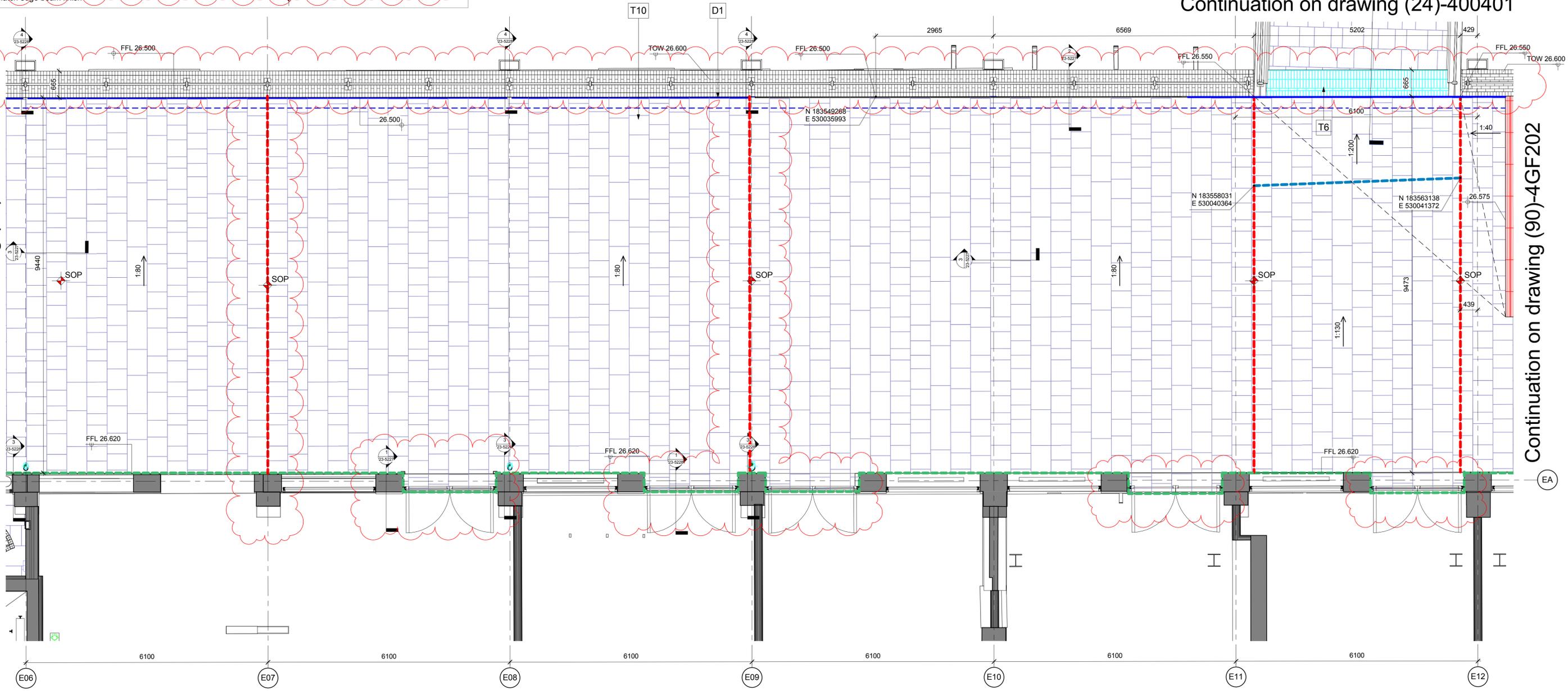
LEGEND
External Finishes - ECD - Viaduct Level

- T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
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- T16** : WCD Edge Beam - Metal strip along viaduct edge to match edge beam finish
- Slot Drain - C250**
- Concrete encasing for Slot Drain**
- CF**: Compressible filler
- MJ**: Expansion joint in paving See Structural Engineers Details
- 10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)
- 15mm Mastic Joint
- 20mm Movement joint - Compressible filler
- Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut
- SOP** Setting out position for paving finish

Continuation on drawing (24)-400401

Continuation on drawing (90)-4GF204

Continuation on drawing (90)-4GF202



DO NOT SCALE FROM THIS DRAWING - ALL DIMENSIONS TO BE CHECKED ON SITE

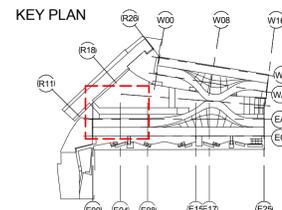
TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

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project COAL DROPS YARD

title External Paving Layout - M2
 ECD - LGF Viaduct Level -
 Sheet 03

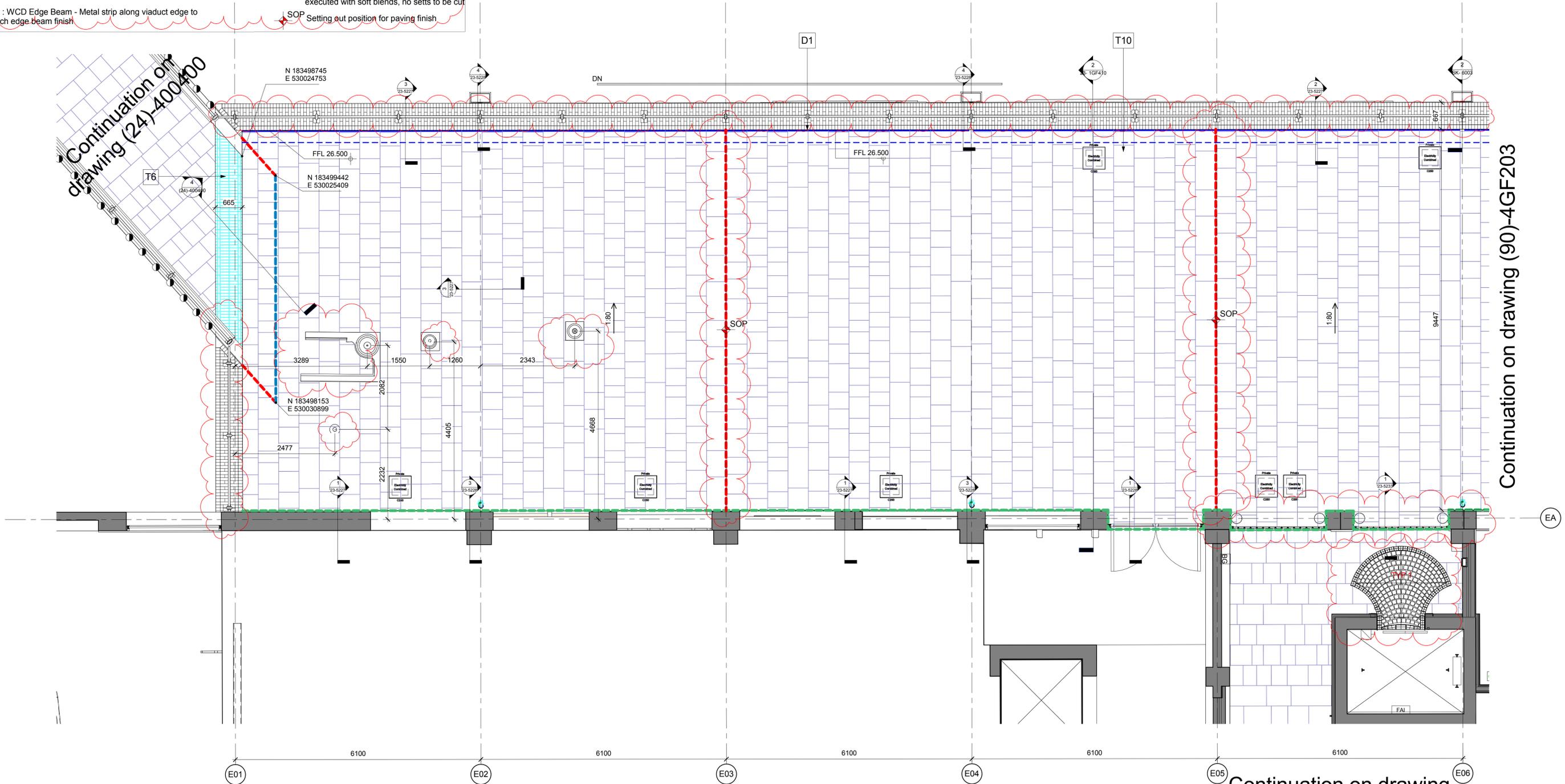
purpose of issue CONSTRUCTION

scale As indicated @ A1 draw TM BAM job no. dig. status
 date 03/09/16 checked MWB 4389 S4
 site identification project Consultant Role CIS/SB Content rev
 dig / doc ref KXC-M2- 001-BD4389-A- (90)-4GF203 002

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002	TM	MWB	26.05.17	Updated as per BAMC comments

LEGEND
External Finishes - ECD - Viaduct Level

-  **T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.
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-  Concrete encasing for Slot Drain
-  CF: Compressible filler
-  MJ: Expansion joint in paving
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-  10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)
-  15mm Mastic Joint
-  20mm Movement joint - Compressible filler
-  Fall lines shown indicatively, slopes to be executed with soft blends, no setts to be cut
-  SOP Setting out position for paving finish



Continuation on drawing (24)-400400

Continuation on drawing (90)-4GF203

Continuation on drawing (90)-4GF205

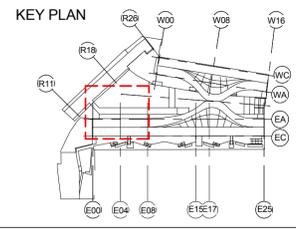
DO NOT SCALE FROM THIS DRAWING - ALL DIMENSIONS TO BE CHECKED ON SITE

TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

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 ARUP drawings for structural frame, openings, supports

- NOTES:**
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 - ARUP / PBA drawings for drainage layouts
 - BAMD Electrical Engineers drawings for services, lighting layouts
 - BAMD for waterproofing details (Z3 - Series)
 - Miller Druck for paving finishes / cut patterns
 - PBA - Drainage levels

no	by	chkd	date	description
002	TM	MWB	26.05.17	Updated as per BAMC comments



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project COAL DROPS YARD

title External Paving Layout - M2
 ECD - LGF Viaduct Level -
 Sheet 04

purpose of issue CONSTRUCTION

scale As indicated @ A1 draw RS BAM job no. dig status

date 03/09/16 checked MWB 4389 S4

site 01727 BM4200 Consultant Role CISFB Content rev

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002