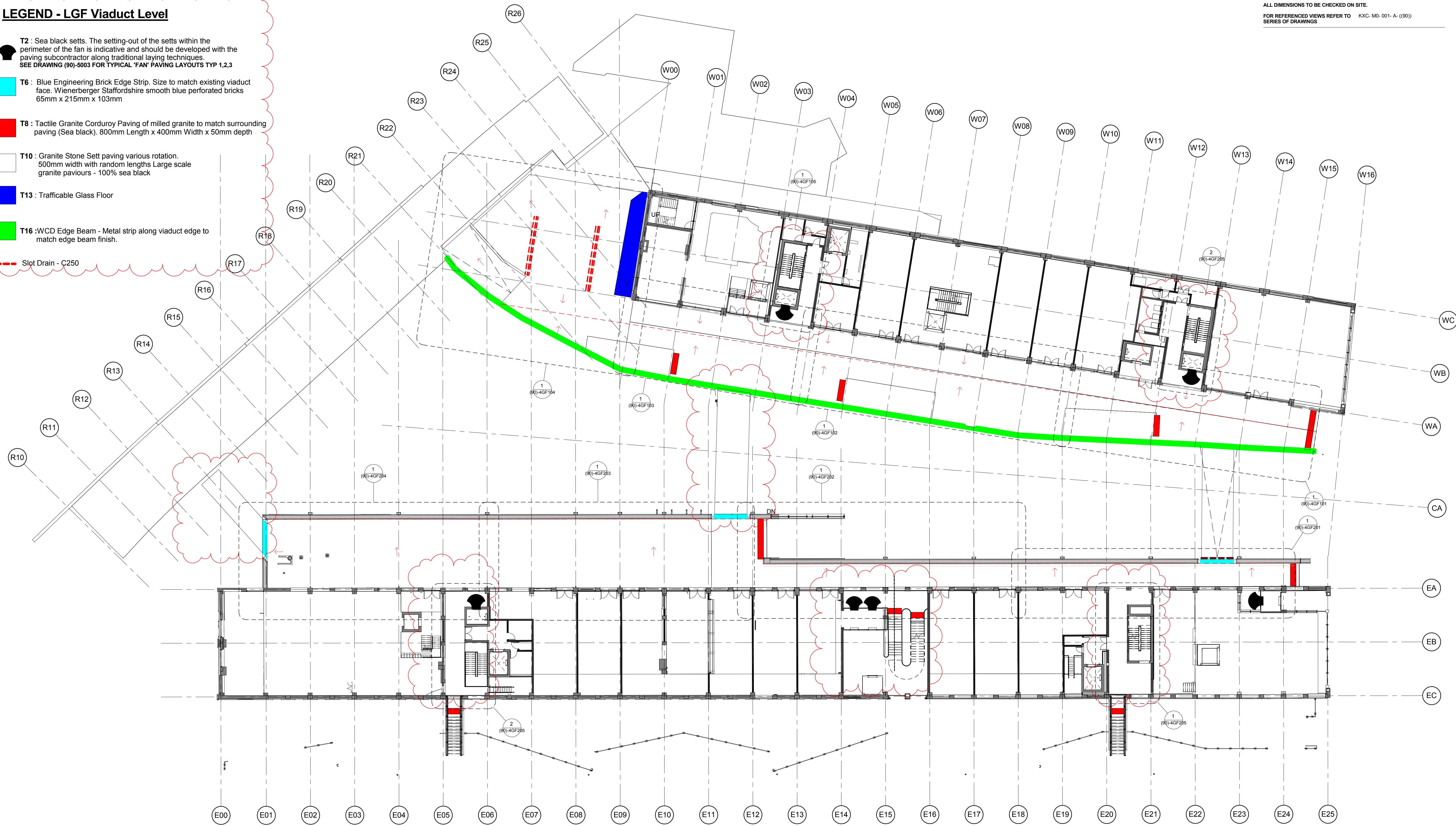


LEGEND - LGF Viaduct Level

- 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



**Status Code (as defined in BS1192)**  
S0 - Initial Status or WIP  
S1 - Issued for co-ordination  
S2 - Issued for information  
S3 - Issued for internal review  
S4 - Issued for construction approval

**Work in Progress (WIP)**  
S0 - Initial Status or WIP  
S1 - Issued for co-ordination  
S2 - Issued for information  
S3 - Issued for internal review  
S4 - Issued for construction approval

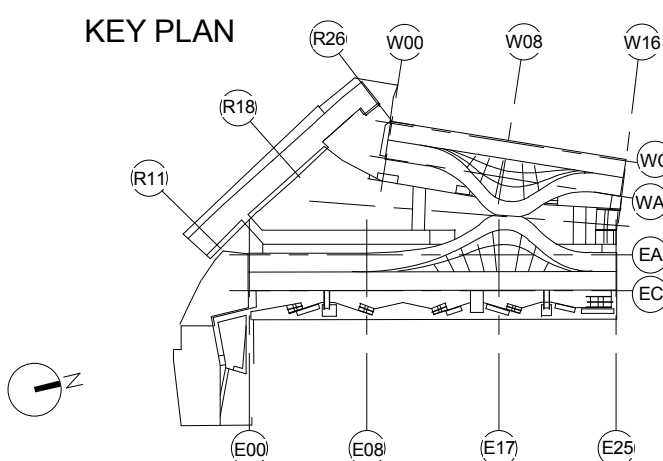
**Shared**  
S1 - Issued for co-ordination  
S2 - Issued for information  
S3 - Issued for internal review  
S4 - Issued for construction approval

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

**Documentation (Contractual)**  
D3 - Issued for contractor design  
D4 - Issued for manufacture/procurement

**Archive**  
AB - Record Drawing

|     |    |      |          |  |
|-----|----|------|----------|--|
| 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                 |
| rev | by | chkd | date     | description  |



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01727 994200  
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www.bam.co.uk

project COAL DROPS YARD

title External Paving Layout - LGF Viaduct Level

scale 1 : 250 @ A1

date 20.11.2015

site 01727 994200

drawn SS

checked MWB

consultant

Role CUSFB

Content

BAM job no. 4389

rev S4









purpose of issue CONSTRUCTION

006

drg / doc ref KXC-M0- 001-BD4389-A- (90)-1GF



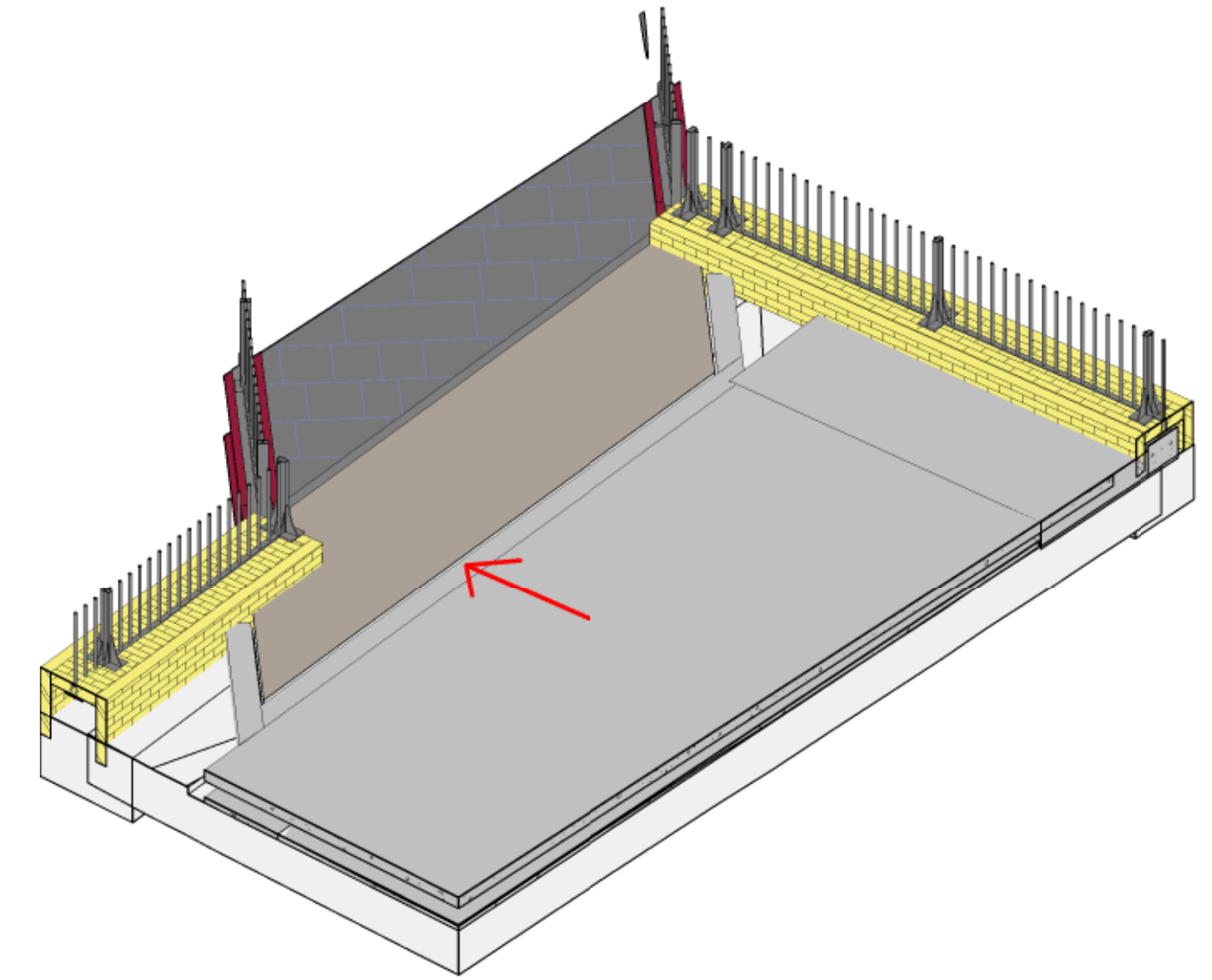
### External Finishes - EDC - Viaduct Level

-  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

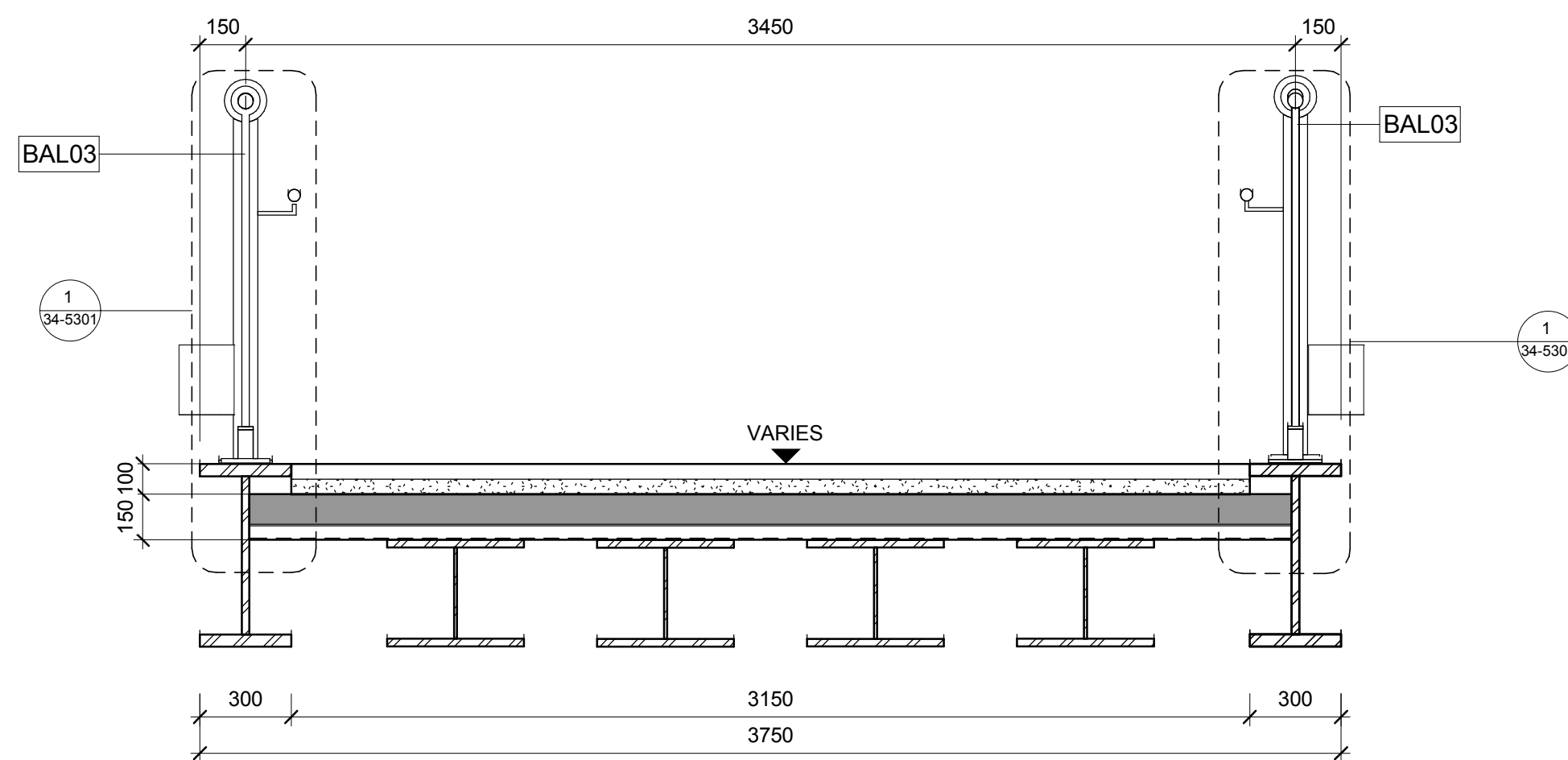
**DO NOT SCALE FROM THIS DRAWING.**

**ALL DIMENSIONS TO BE CHECKED ON SITE.**

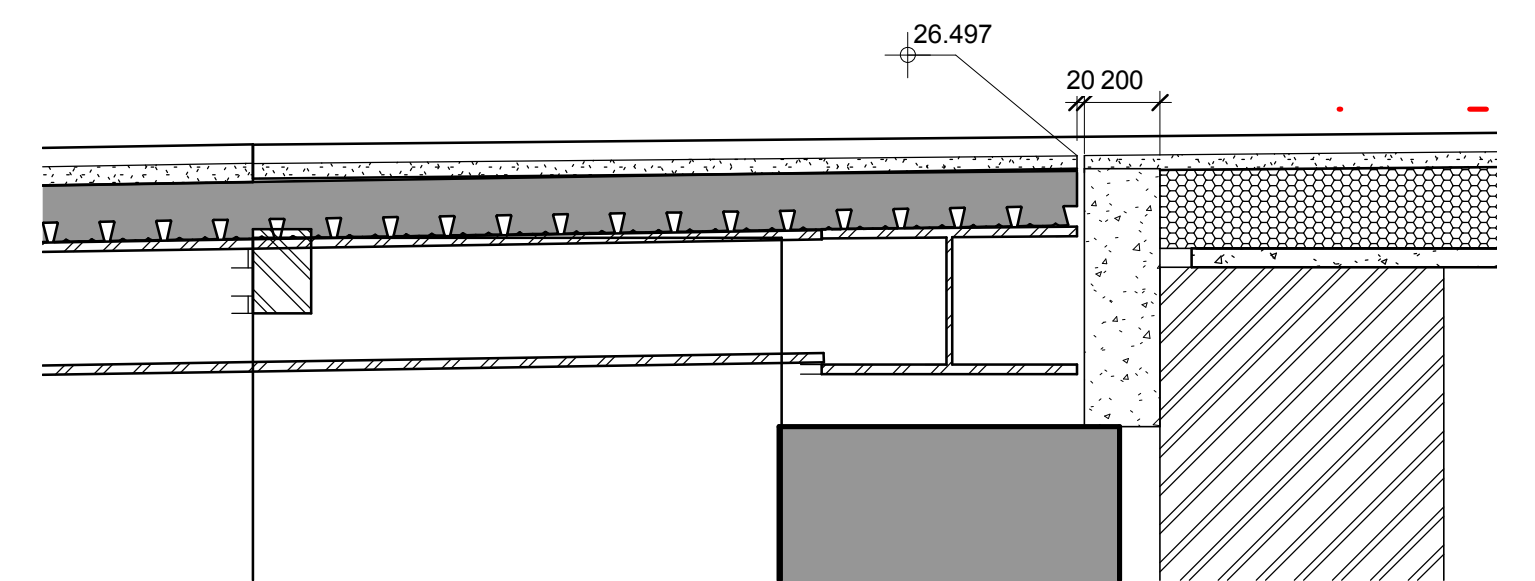
**FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS** KXC- M0- 001- A- (24)



5 BRIDGE END ECD



## 2 TRANSVERSAL SECTION



4 ECD BRIDGE END DETAIL  
1 : 20



project **COAL DROPS YARD**

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

purpose of issue **CONSTRUCTION**

scale **As indicated @ A1**

drawn **TM**

BAM job no. **4389**

dg status **B**

date **12/06/16**

checked **MB**

Role **C/SFB**

plot/location project consultant **KXC-M0- 001-BD4389-A (24) 404000**


rev. **002**

dg1 / doc ref



### External Finishes - ECD - Viaduct Level


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

**T10 :** Granite Stone Sett paving various rotation.  
500mm width with random lengths Large scale  
granite paviers - 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

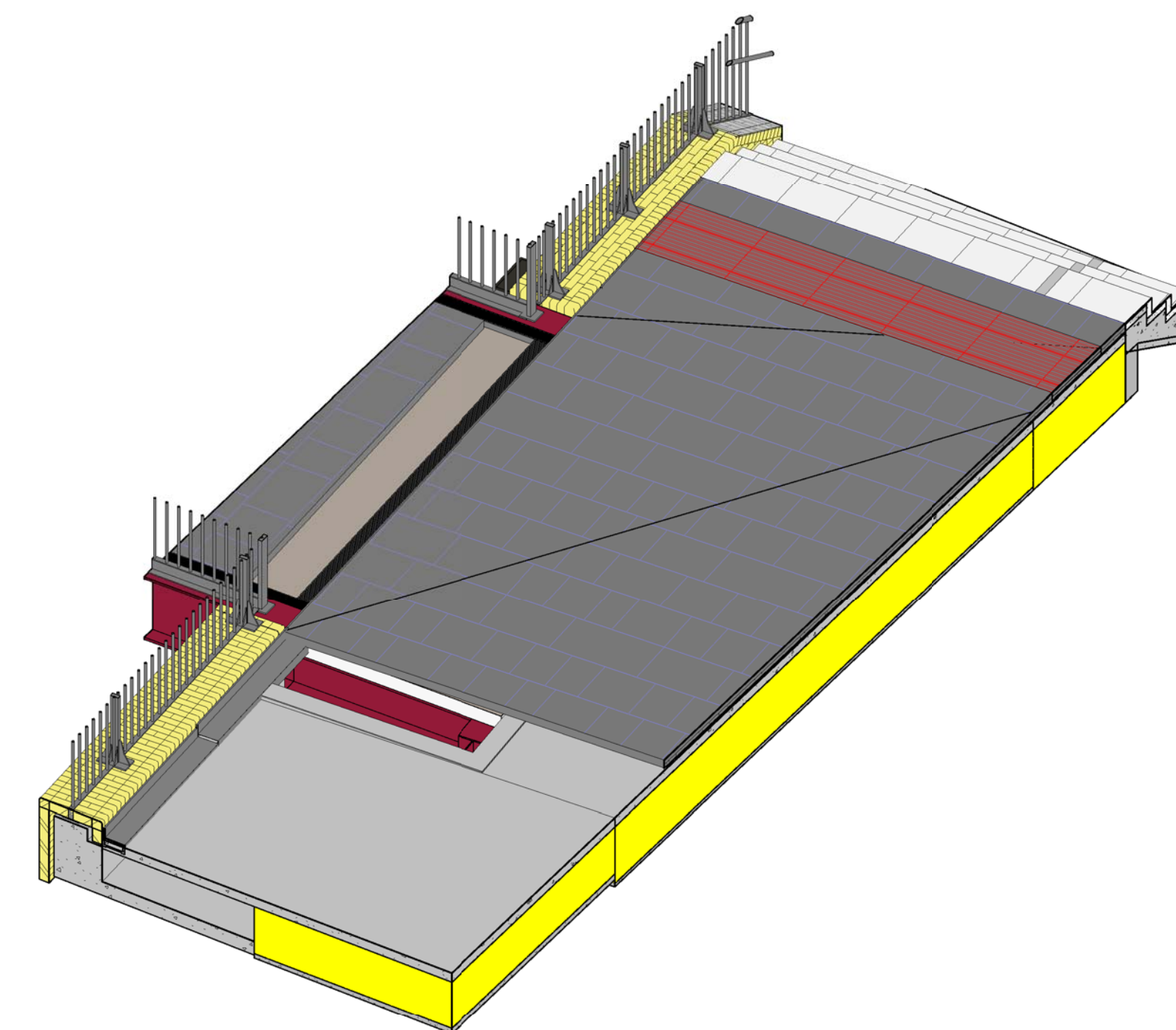
----- 10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)

--- 15mm Mastic Joint

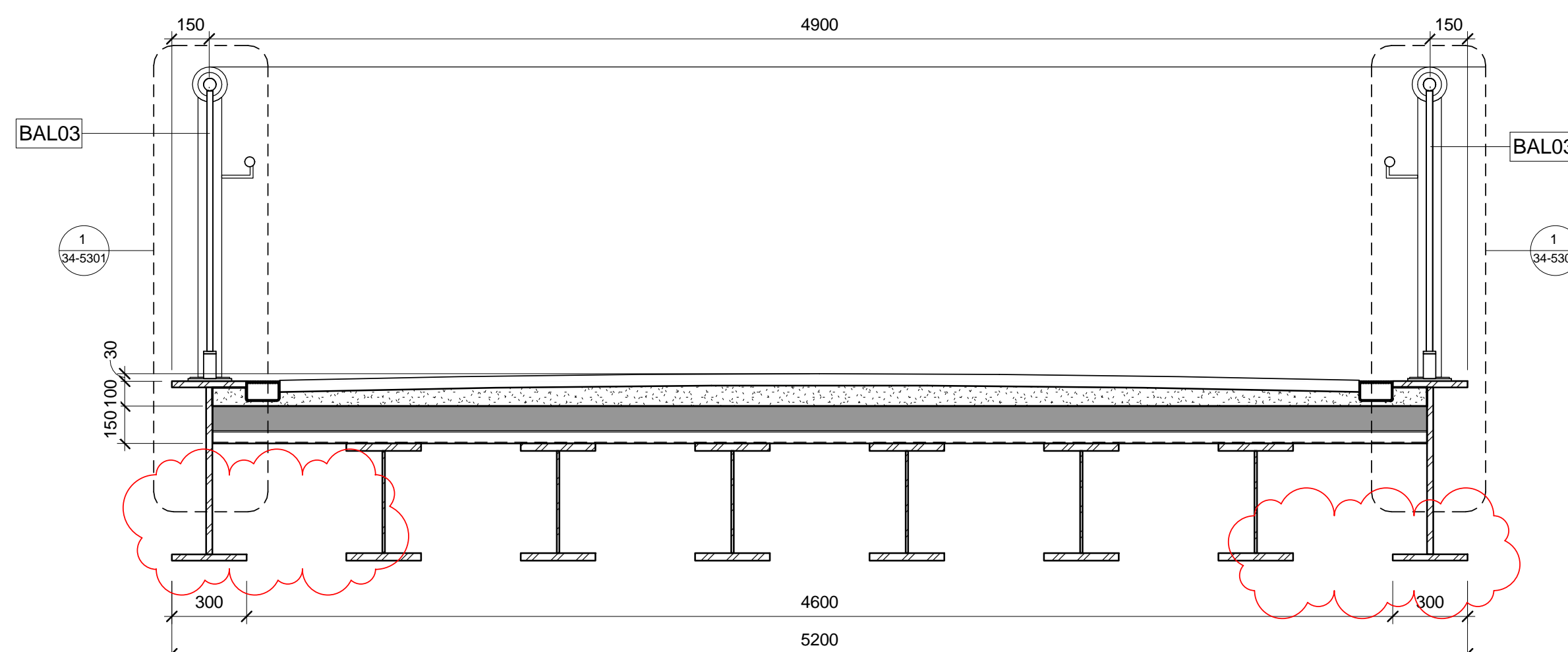
--- 20mm Movement joint - Compressible filler

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

 **SOP** Setting out position for paving finish



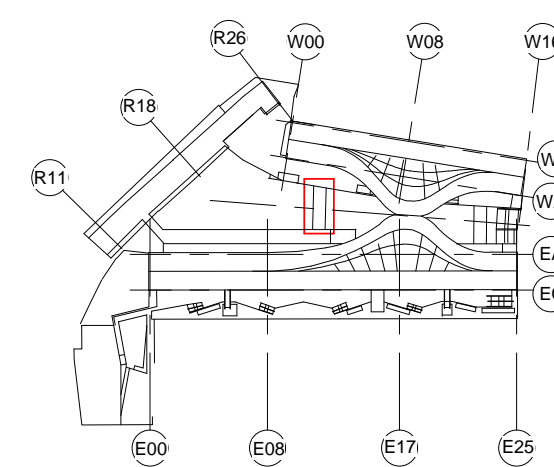
1 1 : 50



3 1 : 10

2 1 : 20

|     |    |       |          |  |
|-----|----|-------|----------|--|
| 003 | AM | DGW   | 23-06-17 | Drainage channel position updated.Metal cover plate removed. |
| 002 | TM | MWB   | 17.02.17 | Issued for construction                                      |
| row | by | chief | date     | description  |



4 1 : 10



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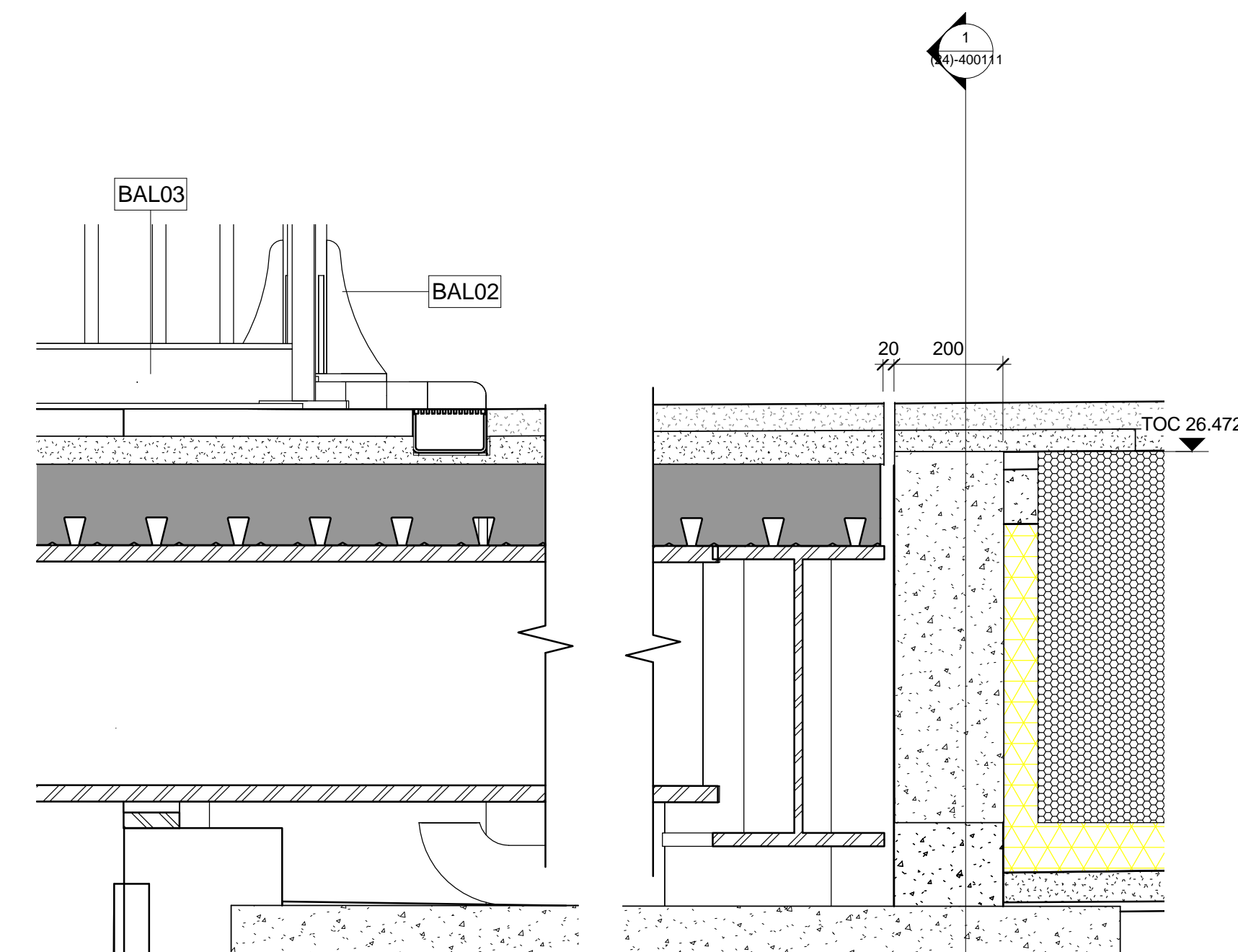
01727 894200  
[design@bam.co.uk](mailto:design@bam.co.uk)  
[www.bam.co.uk](http://www.bam.co.uk)

DO NOT SCALE FROM THIS DRAWING.

ALL DIMENSIONS TO BE CHECKED ON SITE.

FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS

KXC-MO-001-A-(24)



4 1 : 10

project COAL DROPS YARD

the ECD-WCD Yard - Viaduct Level  
South Bridge

purpose of issue

## CONSTRUCTION

|               |                   |               |         |                       |             |             |         |      |
|---------------|-------------------|---------------|---------|-----------------------|-------------|-------------|---------|------|
| scale         | As indicated @ A1 |               | drawn   | TM                    | BAM job no. | drg. status |         |      |
| date          | 12/06/16          |               | checked | MB                    | 4389        | B           |         |      |
| drg./doc ref. | site              | plot/location | project | Consultant            | Role        | CMSFB       | Content | rev. |
|               | KXC-M0-           |               | 001-    | BD4389-A- (24)-400401 |             |             |         | 003  |



### External Finishes - ECD - Viaduct Level



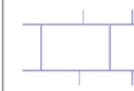
**T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.

**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 Setts paving various rotation.  
500mm width with random lengths Large scale  
granite pavements - 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

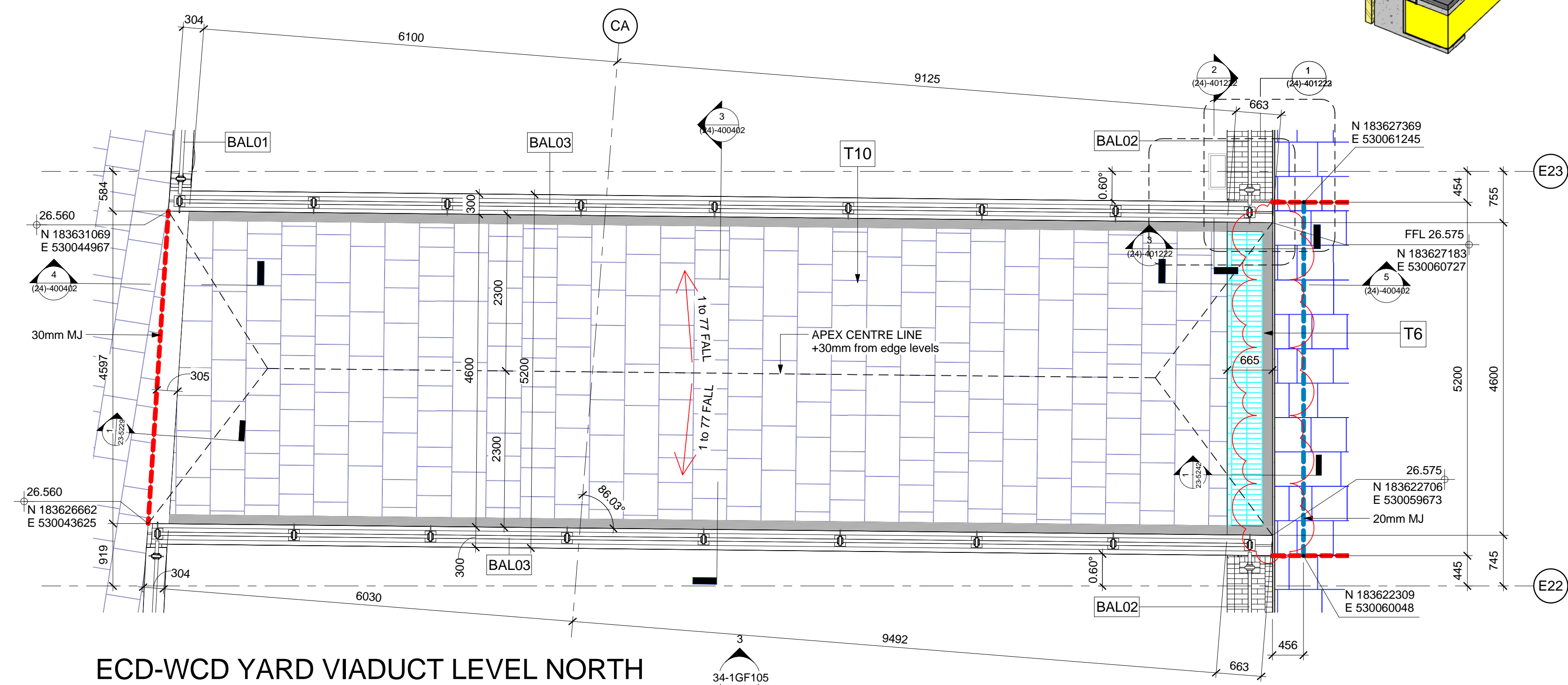
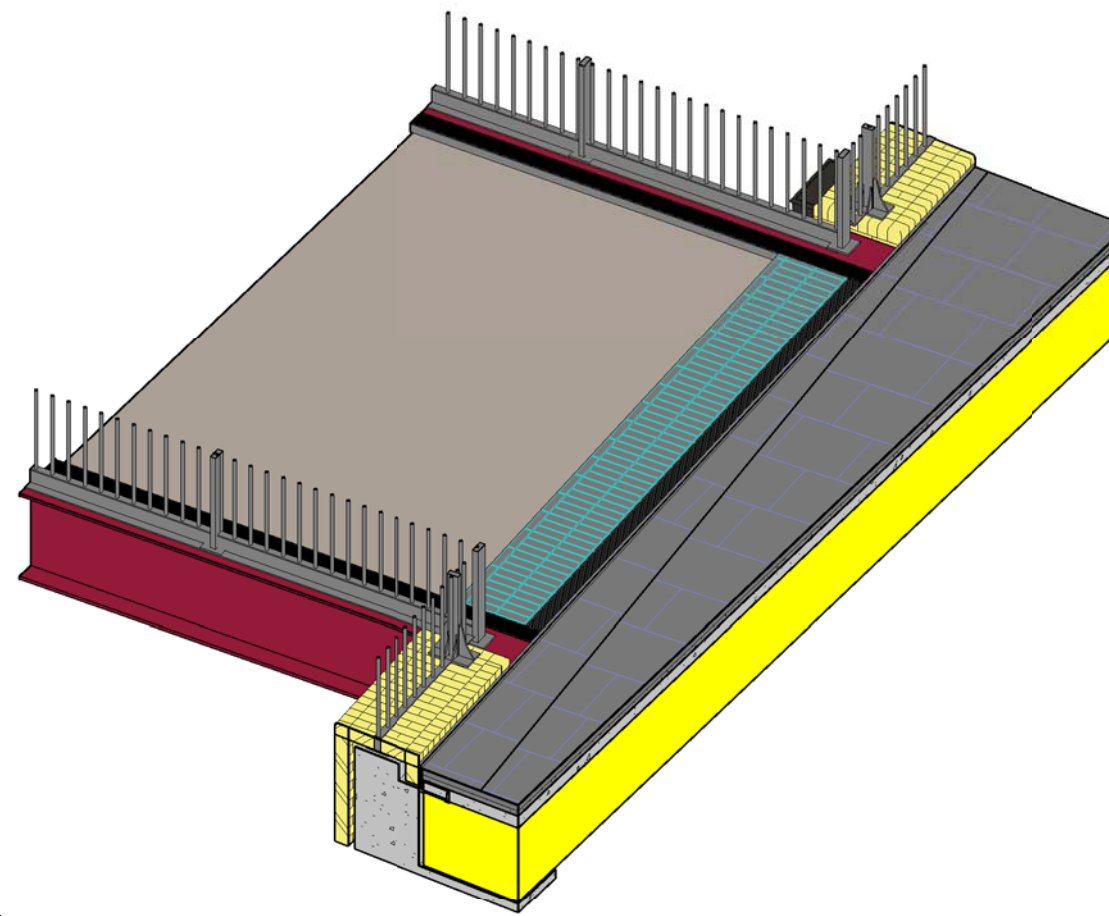
**MJ:** Expansion joint in paving  
See Structural Engineers Details

- - - - 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

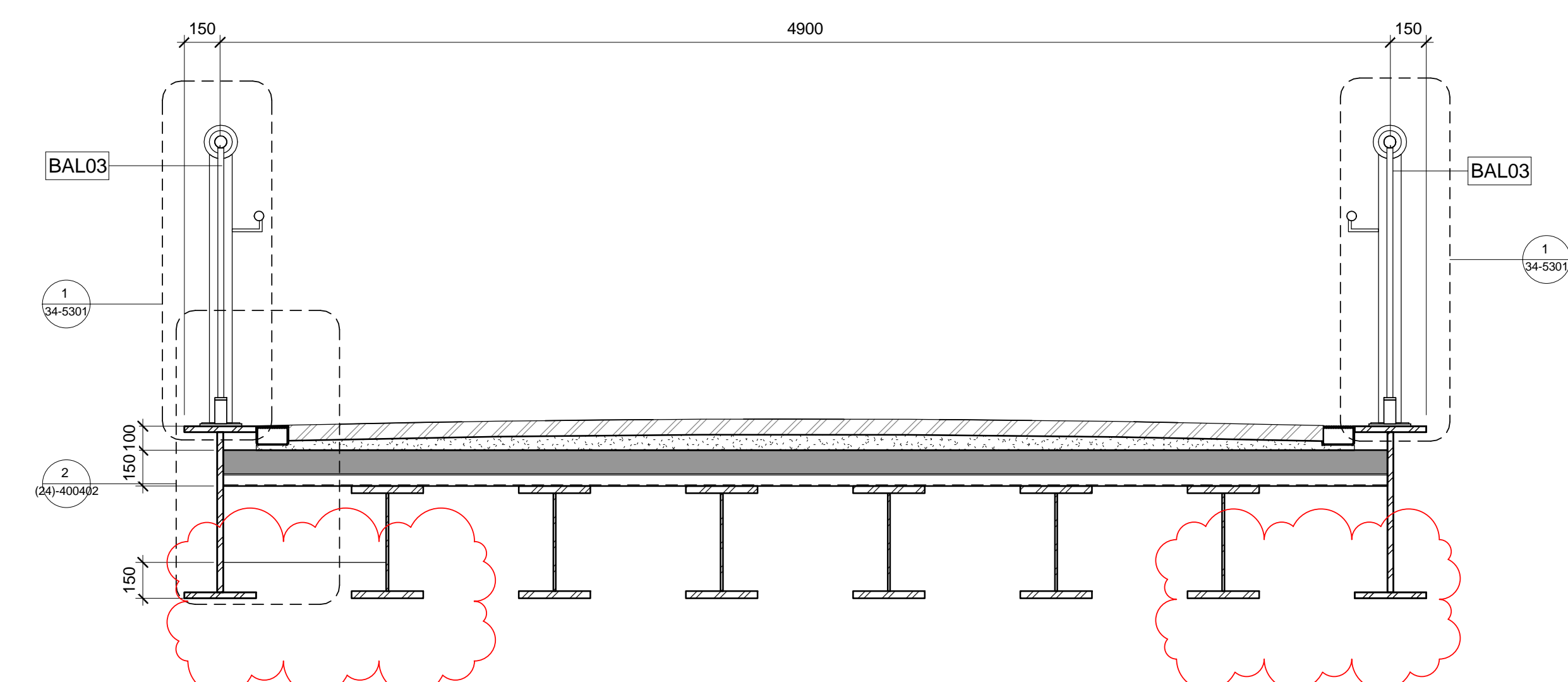
— — — — Fall lines shown indicatively , slopes to be  
executed with soft blends, no setts to be cut

 **SOP** Setting out position for paving finish



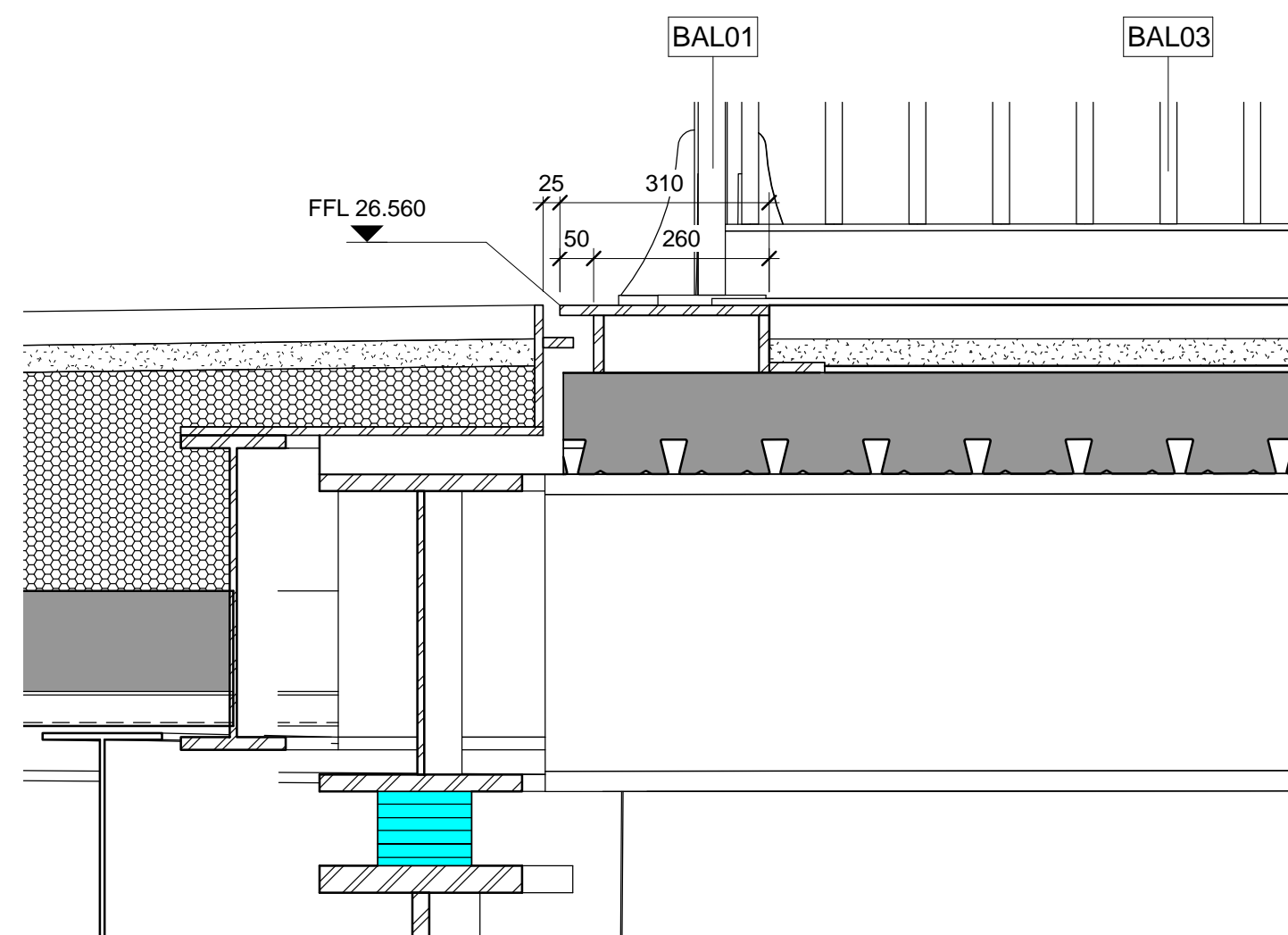
ECD-WCD YARD VIADUCT LEVEL NORTH  
BRIDGE GA

1 : 50



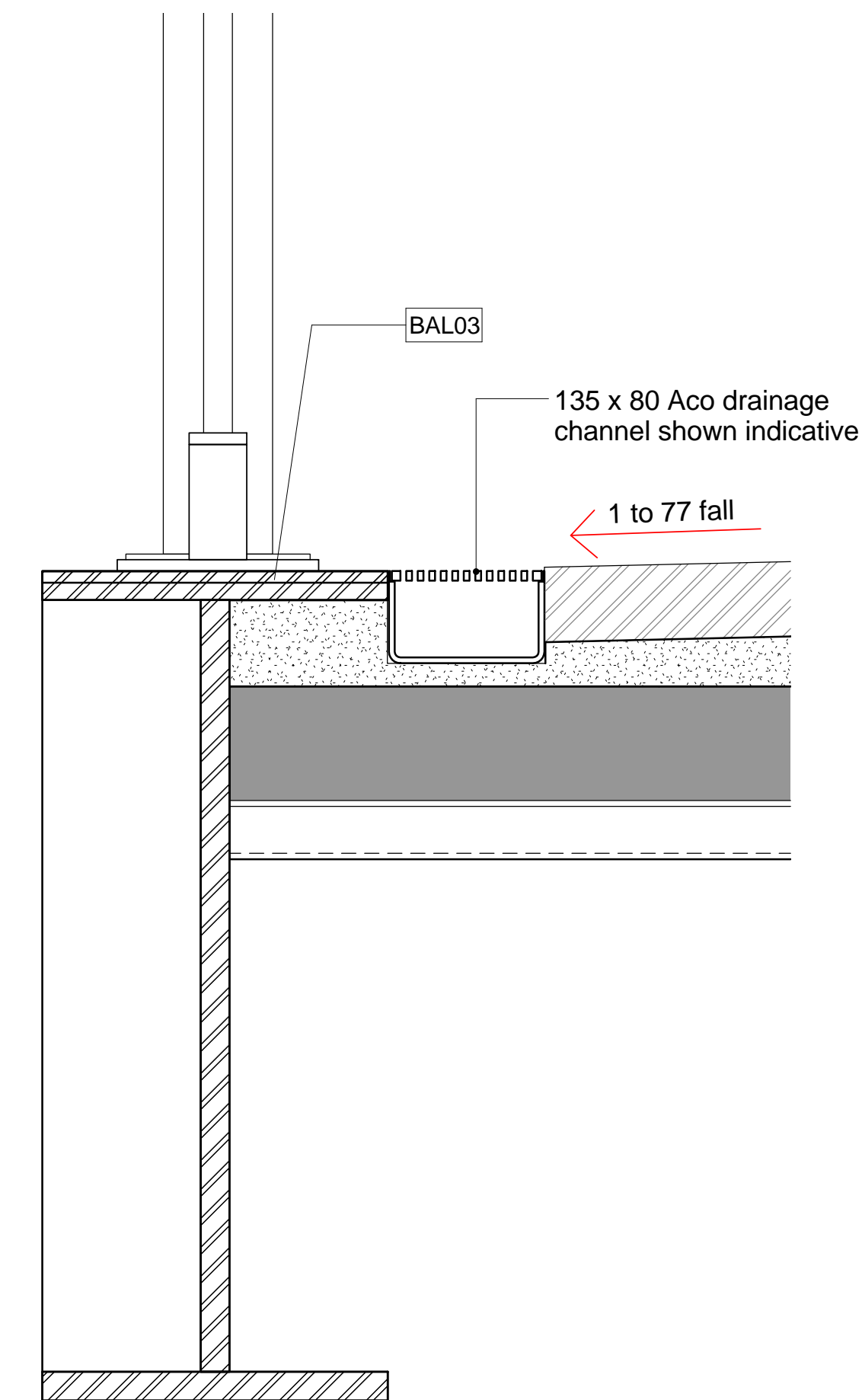
## TRANSVERSAL SECTION

1 : 20

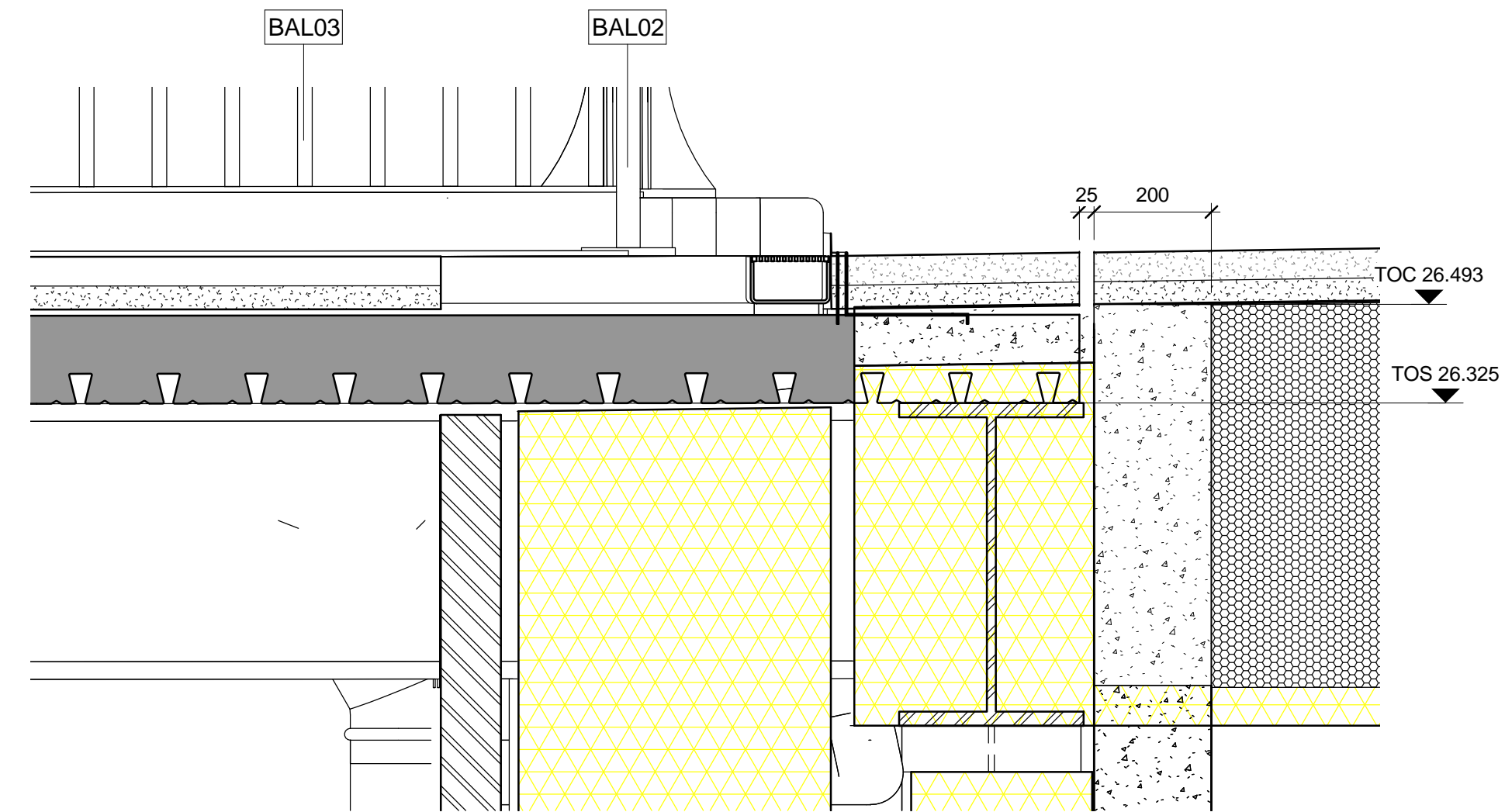


4 WCD END DETAIL

4 1 : 10



### Detail 54

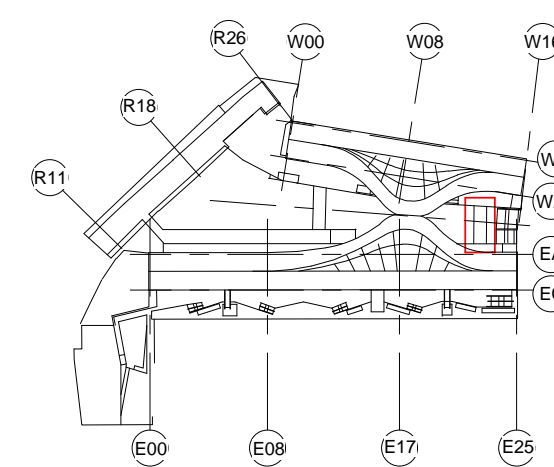
$$1:5$$


ECD END DETAIL

1 : 10

|  |   |
|--|---|
| <b>Status Code (as defined in BS1192)</b>  | D3 - Issued for contractor design<br>D4 - Issued for manufacture/procurement  |
| <b>Work In Progress (WIP)</b>  | <b>Documentation (Contractual)</b>  |
| S0 - Initial Status or WIP   | A - Issued for construction<br>B - Issued for construction but with comments<br>C - Comprehensive revision required |
| <b>Shared</b>  | <b>Archive</b>  |
| S1 - Issued for co-ordination<br>S2 - Issued for information<br>S3 - Issued for internal review<br>S4 - Issued for construction approval | AB - Record Drawing   |
| <b>Documentation (Pre-construction)</b>  |   |
| D1 - Issued for costing<br>D2 - Issued for tender  |   |

|     |    |      |          |  |
|-----|----|------|----------|--|
| 003 | AM | DGW  | 23-06-17 | Drainage channel position updated.Metal cover plate removed. |
| 002 | TM | MWB  | 17.02.17 | Issued for construction                                      |
| row | by | chld | date     | description  |



project COAL DROPS YARD

title ECD-WCD Yard - Viaduct Level  
North Bridge

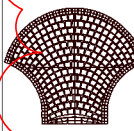
purpose of issue

## CONSTRUCTION

|                |                   |               |             |             |             |
|----------------|-------------------|---------------|-------------|-------------|-------------|
| scale          | As indicated @ A1 | drawn         | TM          | BAM job no. | drg. status |
| date           | 12/06/16          | checked       | MB          | 4389        | <b>S4</b>   |
| site           | plot/location     | project       | Consultant  | Role        | C/SFB       |
| drg / doc ref. | KXC-M0-           | 001-BD4389-A- | (24)-400402 | 003         |             |



**LEGEND**  
**External Finishes - WCD - Viaduct Level**

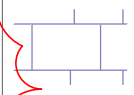


**T2** : Sea black setts. The setting-out of the setts within the perimeter of the fan is indicative and should be developed with the paving subcontractor along traditional laying techniques.

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



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



**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

DO NOT SCALE FROM THIS DRAWING.

ALL DIMENSIONS TO BE CHECKED ON SITE.

FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC- M1- 001- A- ((90))

Continuation on drawing (90)-4GF102

Continuation on drawing (90)-4GF105

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:**

- This drawing shows design intent only & is subject to detailed design specialists.
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  - All vertical dimensions to be taken from FFL, please note that all manufacturing schedules are to take this into account.
  - All dimensions are in millimetres unless noted otherwise.
  - All levels in meters unless noted otherwise.
- To be read in conjunction with -  
ARUP drawings for structural frame, openings, supports

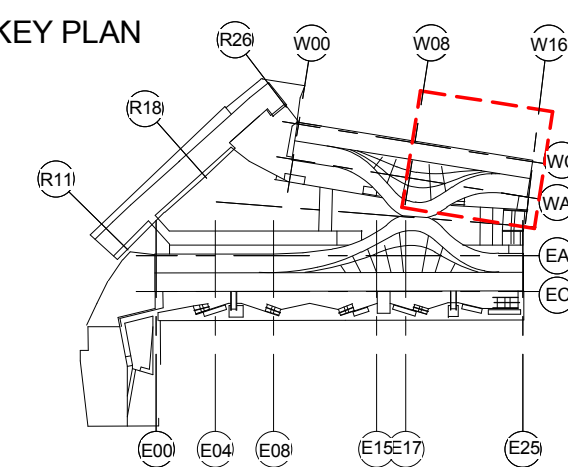
**NOTES:**

**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

| rev | by | chkd | date     | description                  |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |

**KEY PLAN**



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Environmental Services  
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Hertfordshire, AL1 2RD  
01772 894200  
design@bam.co.uk  
www.bam.co.uk

project COAL DROPS YARD

External Paving Layout - M1  
WCD - LGF Viaduct Level -  
Sheet 01

CONSTRUCTION

|                  |                   |            |      |             |             |
|------------------|-------------------|------------|------|-------------|-------------|
| scale            | As indicated @ A1 | drawn      | RS   | BAM job no. | dig. status |
| date             | 03/09/16          | checked    | MWB  | 4389        | S4          |
| site             | 01772 894200      | consultant | Role | C/SFB       | Content     |
| design@bam.co.uk |                   |            |      |             | rev         |
| www.bam.co.uk    |                   |            |      |             |             |

KXC-M1- 001-BD4389-A- (90)-4GF101 002

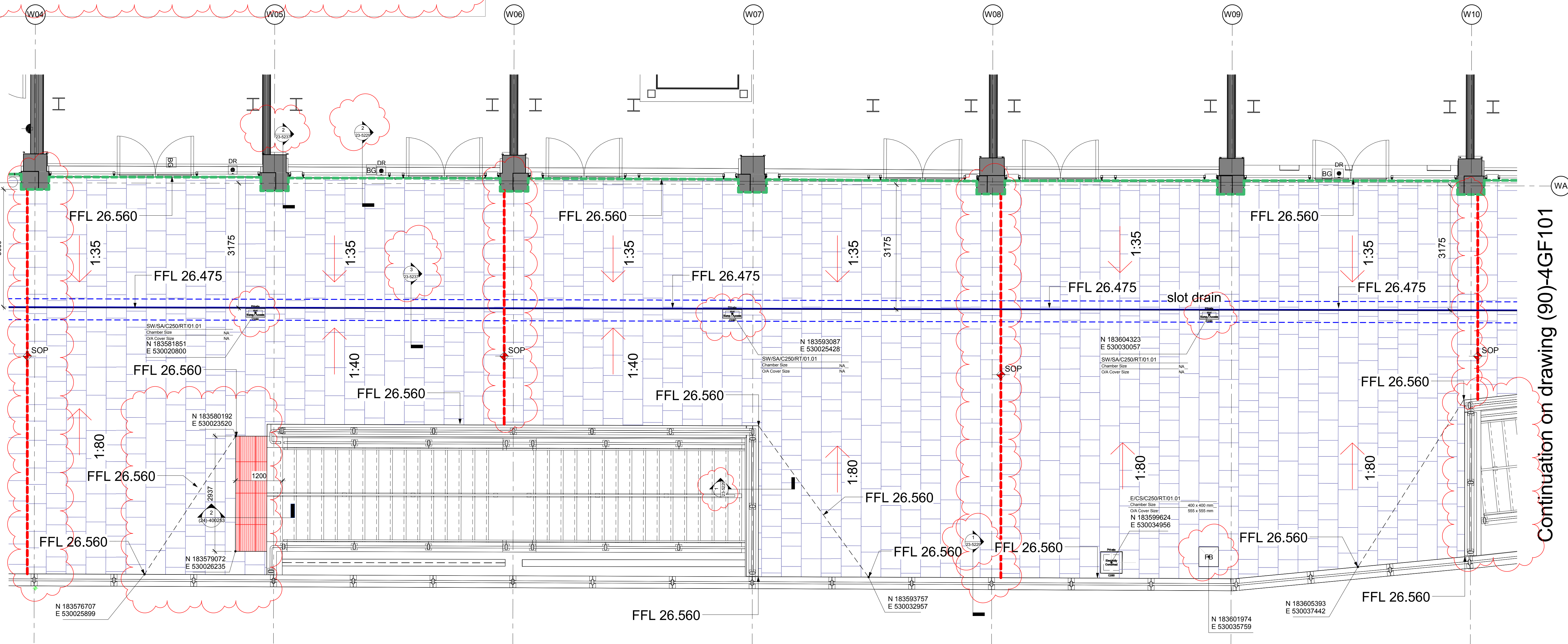


**LEGEND**  
**External Finishes - WCD - Viaduct Level**

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

DO NOT SCALE FROM THIS DRAWING.  
ALL DIMENSIONS TO BE CHECKED ON SITE.  
FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC- M1- 001- A- ((90))

Continuation on drawing (90)-4GF103



Continuation on drawing (90)-4GF101

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

**NOTES:**

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

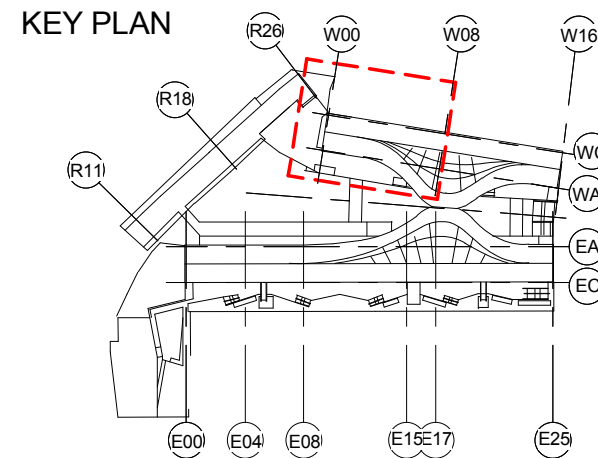
TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

**NOTES:**

- General -**
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  - 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

| rev | by | chkd | date     | description                  |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |

**KEY PLAN**



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

project COAL DROPS YARD

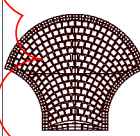
title External Paving Layout - M1  
WCD - GF Viaduct Level - Sheet  
02

scale As indicated @ A1  
date 03/09/16  
site 01727 894200  
drawing project  
KXC-M1- 001-BD4389-A- (90)-4GF102 002

drawn RS  
checked MWB  
BAM job no. 4389  
Role C/SFB  
Content  
purpose of issue  
S4  
rev



**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**



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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

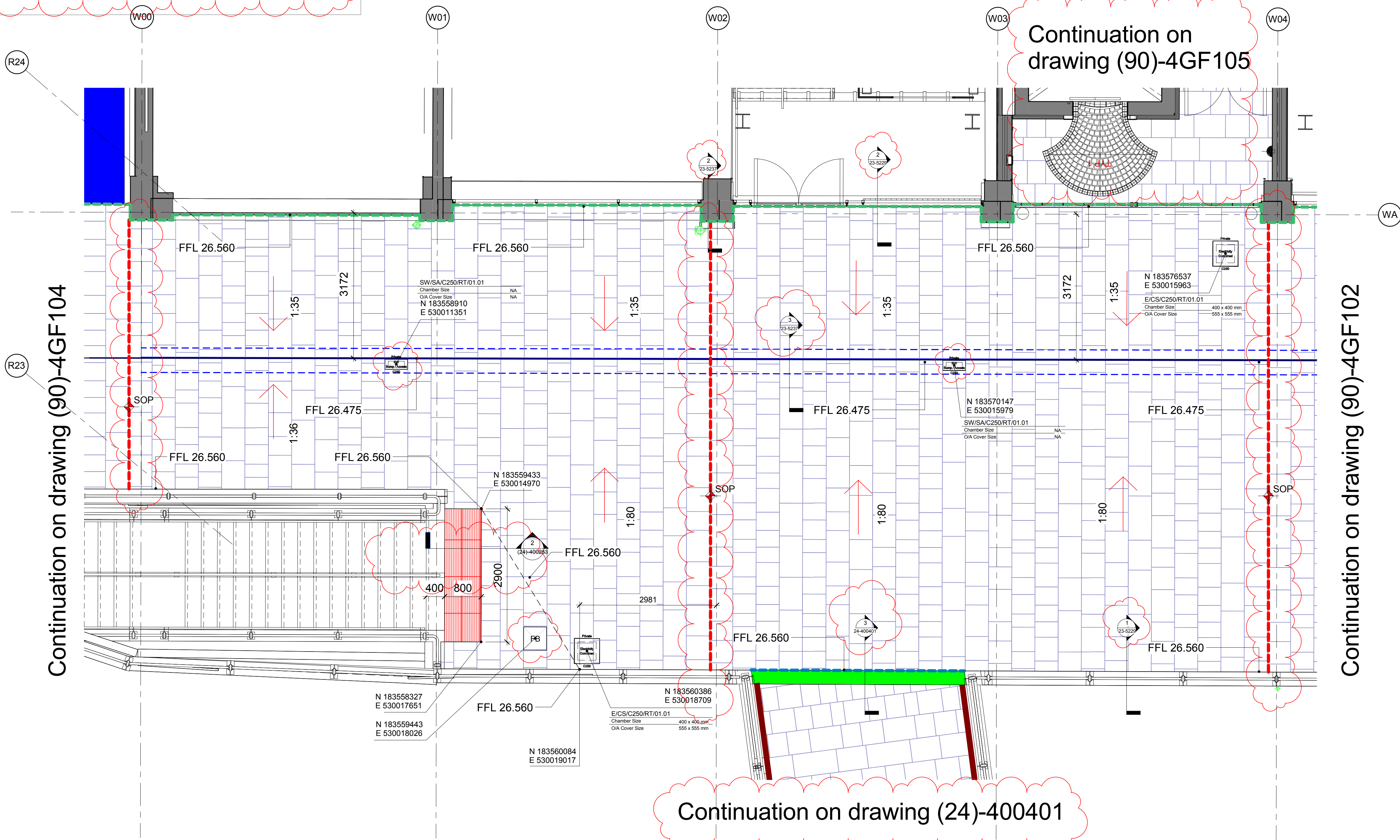
10mm Mastic Joint (setting out to nearest paving course to gridlines- as shown, excepting bridge movement joints)

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



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

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  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

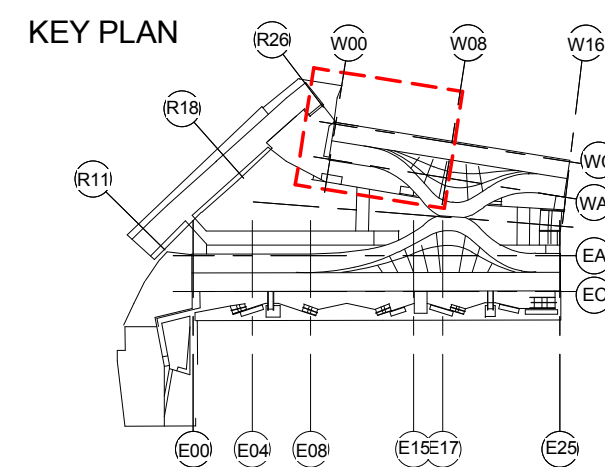
TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

**NOTES:**

- General -**
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  - 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

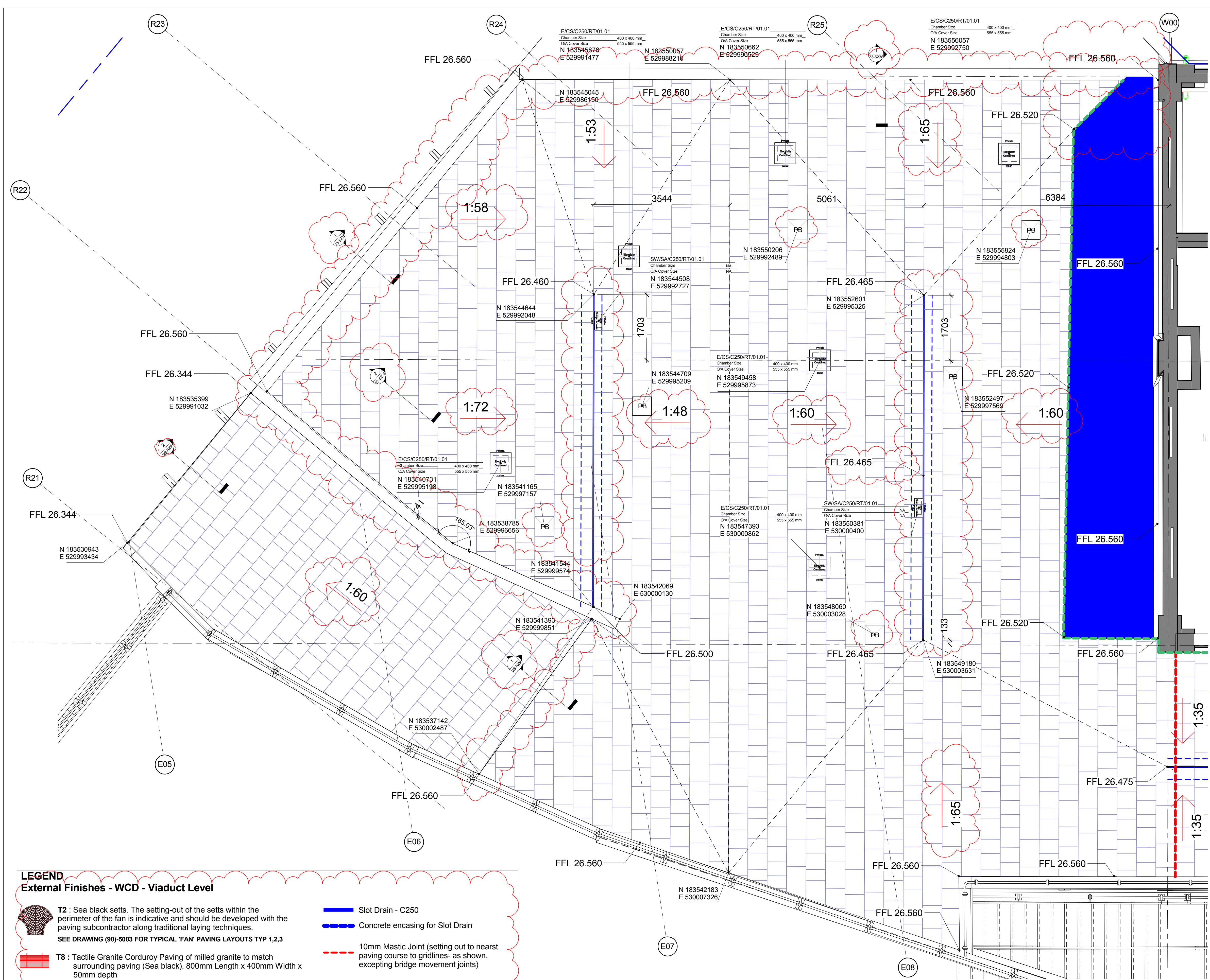
| rev | by | chkd | date     | description                  |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |

**KEY PLAN**



|         |   |                  |        |
|---------|---|------------------|--------|
| project | COAL DROPS YARD   | purpose of issue |        |
| title   | External Paving Layout - M1<br>WCD - GF Viaduct Level - Sheet<br>03 | CONSTRUCTION     |        |
| scale   | As indicated @ A1   | drawn            | RS     |
| date    | 03/09/16  | checked          | MWB    |
| site    | 01727 000000  | Role             | CU/SFB |
| client  | design@bam.co.uk  | Content          | rev    |
| drawn   | RS  | BAM job no.      | 4389   |
| checked | MWB   | drawn            | RS     |
| date    | 03/09/16  | checked          | MWB    |
| site    | 01727 000000  | Role             | CU/SFB |
| client  | design@bam.co.uk  | Content          | rev    |





**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

**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**

**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**

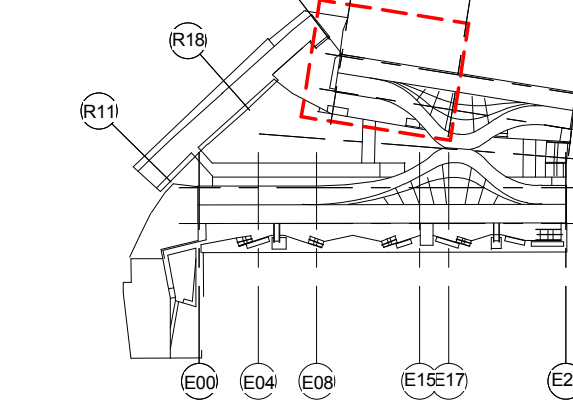
**20mm Movement joint - Compressible filler**

**SOP** Setting out position for paving finish

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

|     |    |      |          |                              |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |
| rev | by | chkd | date     | description                  |

KEY PLAN



**bam**  
An operating company of  
BAMM Construct UK Ltd

Architecture  
Interior Design  
3D Visualisation  
Feasibility Studies  
Structural Engineering  
Environmental Services  
Building Information Modelling

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01727 894200  
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DO NOT SCALE FROM THIS DRAWING.  
ALL DIMENSIONS TO BE CHECKED ON SITE.  
FOR REFERENCED VIEWS REFER TO  
SERIES OF DRAWINGS

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

- NOTES:**
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  - All vertical dimensions to be taken from FFL, please note that all manufacturing schedules are to take this into account.
  - All dimensions are in millimetres unless noted otherwise.
  - 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 -**
- 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

Continuation on drawing (90)-4GF103

project **COAL DROPS YARD**

title **External Paving Layout - M1  
WCD - GF Viaduct Level - Sheet  
04**

purpose of issue **CONSTRUCTION**

scale **As indicated @ A1**

drawn **RS**

BAM job no.

date **03/09/16**

checked **MWB**

4389

rev **S4**

site **KXC-M1- 001-BD4389-A- (90)-4GF104**

002

plification project

Consultant

Role

CU/SFB

Content

rev



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

DO NOT SCALE FROM THIS DRAWING.

ALL DIMENSIONS TO BE CHECKED ON SITE.

FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC-M2- 001-A- ((90))

Continuation on drawing (90)-4GF202

Continuation on drawing (24)-400402

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

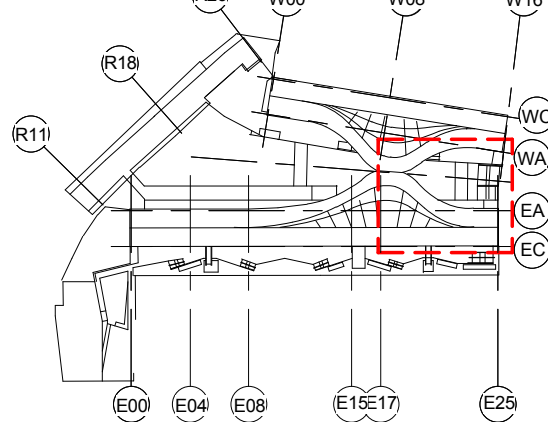
NOTES:

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  - All dimensions are in millimetres unless noted otherwise.
  - 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

KEY PLAN



project COAL DROPS YARD

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

purpose of issue CONSTRUCTION

|                  |                   |            |      |             |             |
|------------------|-------------------|------------|------|-------------|-------------|
| scale            | As indicated @ A1 | drawn      | TM   | BAM job no. | dig. status |
| date             | 03/09/16          | checked    | MWB  | 4389        | S4          |
| site             | 11727 (90)200     | consultant | Role | CU/SFB      | Content     |
| design@bam.co.uk |                   |            |      |             | rev         |
| www.bam.co.uk    |                   |            |      |             |             |

|     |    |      |          |                              |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |
| rev | by | chkd | date     | description                  |

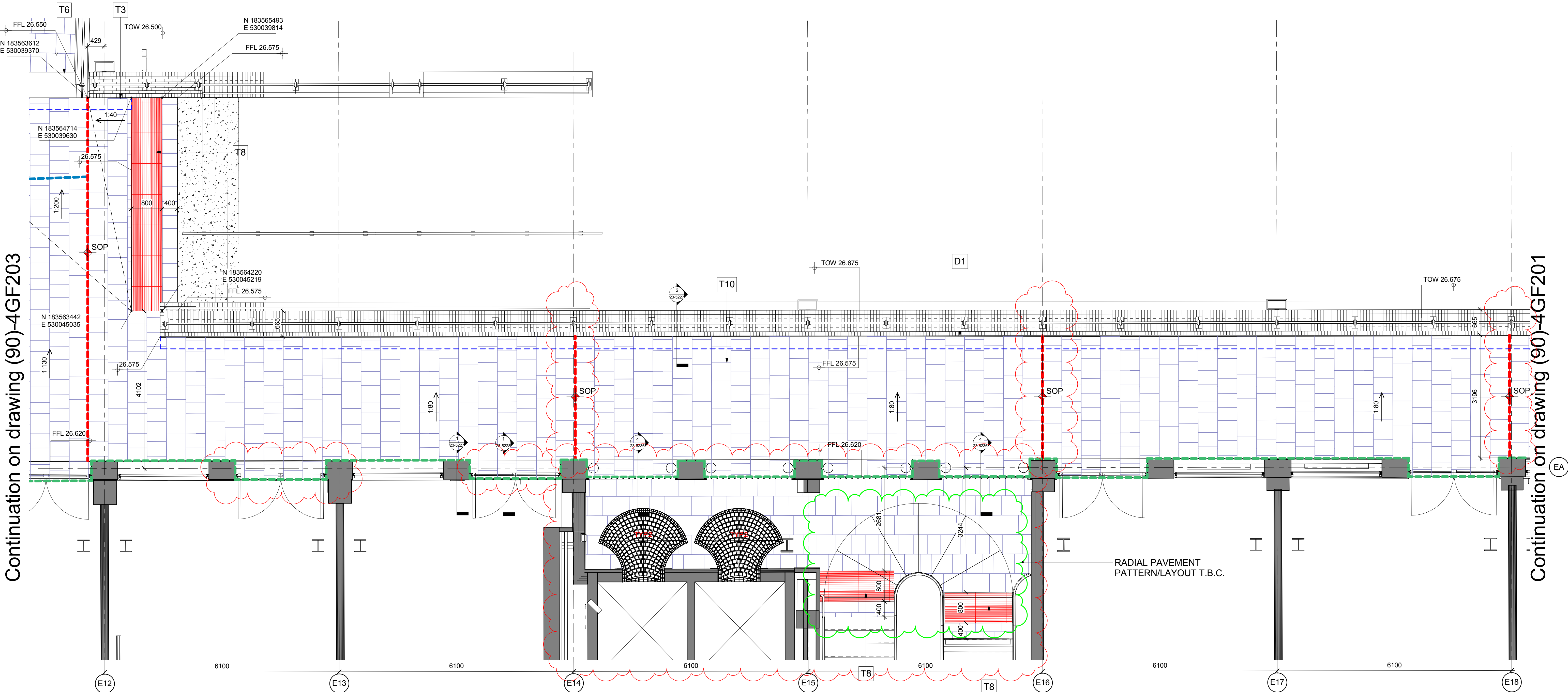


## LEGEND

### 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

TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS

#### NOTES:

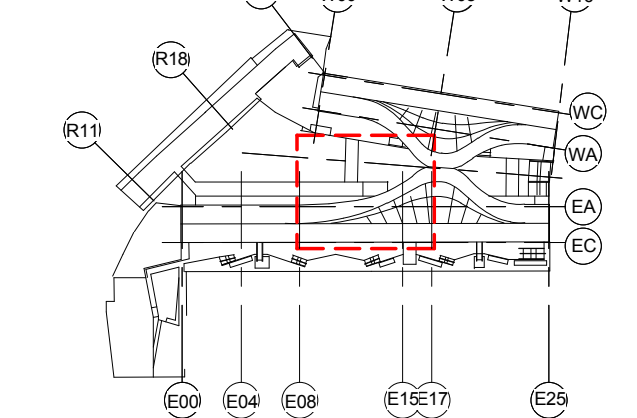
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  - All dimensions are in millimetres unless noted otherwise.
  - All levels in meters unless noted otherwise.
- To be read in conjunction with ARUP drawings for structural frame, openings, supports

#### 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

| rev | by | chkd | date     | description                  |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |

#### KEY PLAN



project COAL DROPS YARD

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

scale As indicated @ A1  
date 03/09/16  
site 01727 000200  
design@bam.co.uk

drawn TM  
checked MWB  
Role C/SFB  
Content















BAM job no. 4389  
rev S4

purpose of issue CONSTRUCTION

dig. status

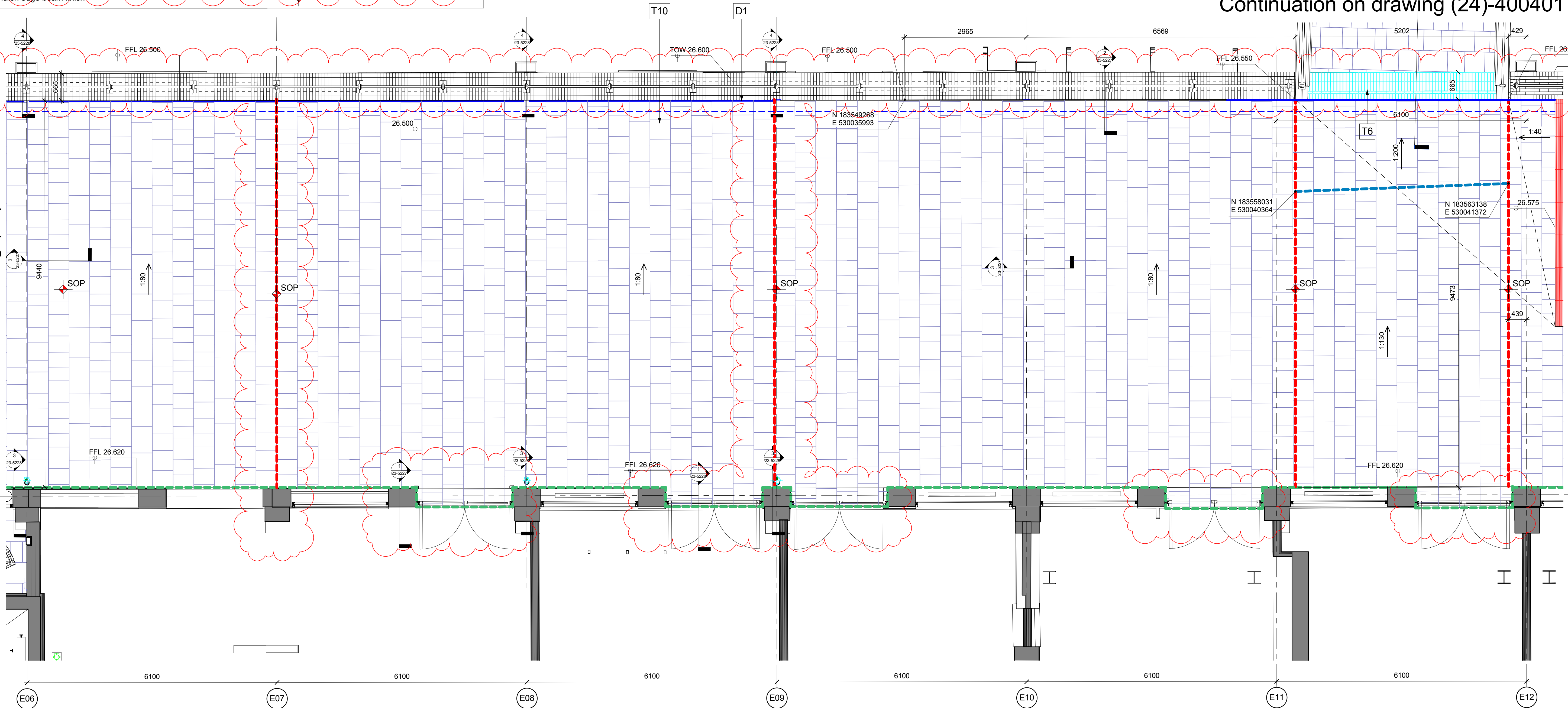


**LEGEND**  
**External Finishes - ECD - Viaduct Level**

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

Continuation on drawing (90)-4GF204

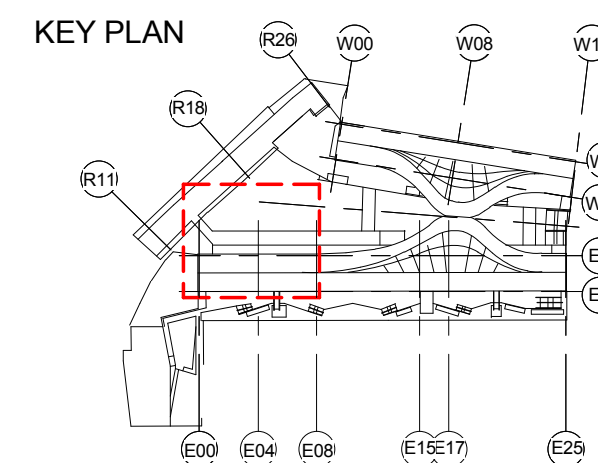
Continuation on drawing (90)-4GF202



**TO BE READ IN CONJUNCTION WITH ALL ARCH DETAILS & SPECIFICATIONS**

**NOTES:**

- 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
  - BAWD Electrical Engineers drawings for services, lighting layouts
  - BAMO for waterproofing details (23)
  - Miller Druck for paving finishes / cut patterns
  - PBA - Drainage levels



## CONSTRUCTION

|                |  |               |         |            |             |             |
|----------------|--|---------------|---------|------------|-------------|-------------|
| scale          | As indicated @ A1                            |               | drawn   | TM         | BAM job no. | drg. status |
| date           | 03/09/16                                     |               | checked | MWB        | 4389        | <b>S4</b>   |
| drg / doc ref. | site   | plot/location | project | Consultant | Role        | CU/SFB      |
|                |  |               |         |            |             | Content     |
|                |  |               |         |            |             | rev.        |
|                | <b>KXC-M2- 001-BD4389-A- (90)-4GF203 002</b> |               |         |            |             |             |



### External Finishes - ECD - Viaduct Level

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

**16 : 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

----- 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 sells to

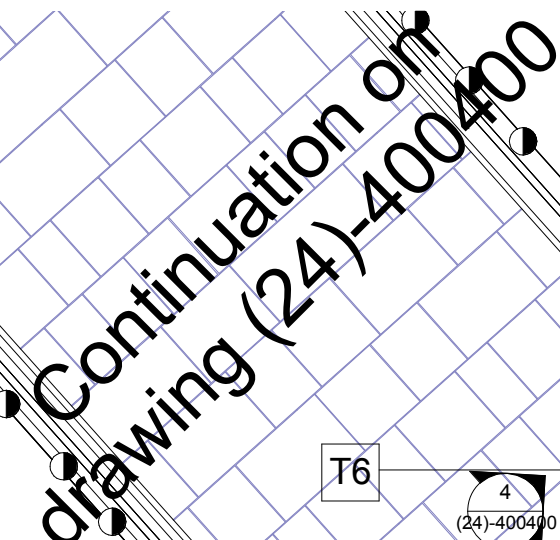
99. Setting out position for paving finish

DO NOT SCALE FROM THIS DRAWING

ALL DIMENSIONS TO BE CHECKED ON SITE

FOR REFERENCED VIEWS REFER TO SERIES OF DRAWINGS KXC- M2- 001- A- ((90)

KXC- M2- 001- A- ((90)



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**

## NOTES

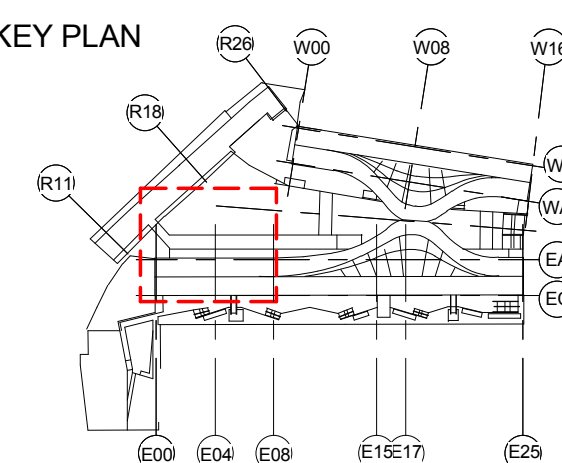
1. This drawing shows design intent only & is subject to detailed design specialists.
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  4. All dimensions are in millimetres unless noted otherwise.
  5. All levels in meters unless noted otherwise.
- To be read in conjunction with -**
- ARUP drawings 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 items 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
  - BAMO Electrical Engineers drawings for services, lighting layouts
  - BAMO for waterproofing details (23 - Senters)
  - Miller Druk for paving finishes / cut patterns
  - PBA - Drainage levels

## KEY PLAN



project COAL DROPS YARD

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

## CONSTRUCTION

|                  |  |                       |            |             |              |         |      |
|------------------|--|-----------------------|------------|-------------|--------------|---------|------|
| scale            | As indicated @ A1                            | drawn                 | RS         | BAM job no. | diag. status |         |      |
| date             | 03/09/16                                     | checked               | MWB        | 4389        | S4           |         |      |
| diag. / doc ref. | site   | plot/location project | Consultant | Role        | CI/SFB       | Content | rev. |
|                  | <b>KXC-M2- 001-BD4389-A- (90)-4GF204 002</b> |                       |            |             |              |         |      |

|     |    |      |          |                              |
|-----|----|------|----------|------------------------------|
| 002 | TM | MWB  | 26.05.17 | Updated as per BAMC comments |
| row | bu | chld | date     | description                  |