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# The Cambridge South East Transport Order

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## Transport And Works Act 1992

### Transport And Works (Applications And Objections Procedure) (England And Wales) Rules 2006

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#### Structures

|                    |                               |
|--------------------|-------------------------------|
| Document Reference | CSET-12-DP6                   |
| Revision Number    | 00                            |
| Applicant          | Cambridgeshire County Council |
| Date               | January 2025                  |

| Peak Water Level (mAOD) |       |
|-------------------------|-------|
| 100YR                   | 12.52 |
| 100YR + 65CC            | 12.55 |
| 1000YR                  | 12.54 |

EXISTING  
GROUND LEVEL

RETAINING WALL

H4A PARAPET

REINFORCED CONCRETE INLINE WINGWALL  
(ASSUME 500mm THICK)

LOCALISED RE-GRADING REQUIRED  
TO ACHIEVE 2.4M HEADROOM

EXISTING STREAM  
(INDICATIVE PROFILE)

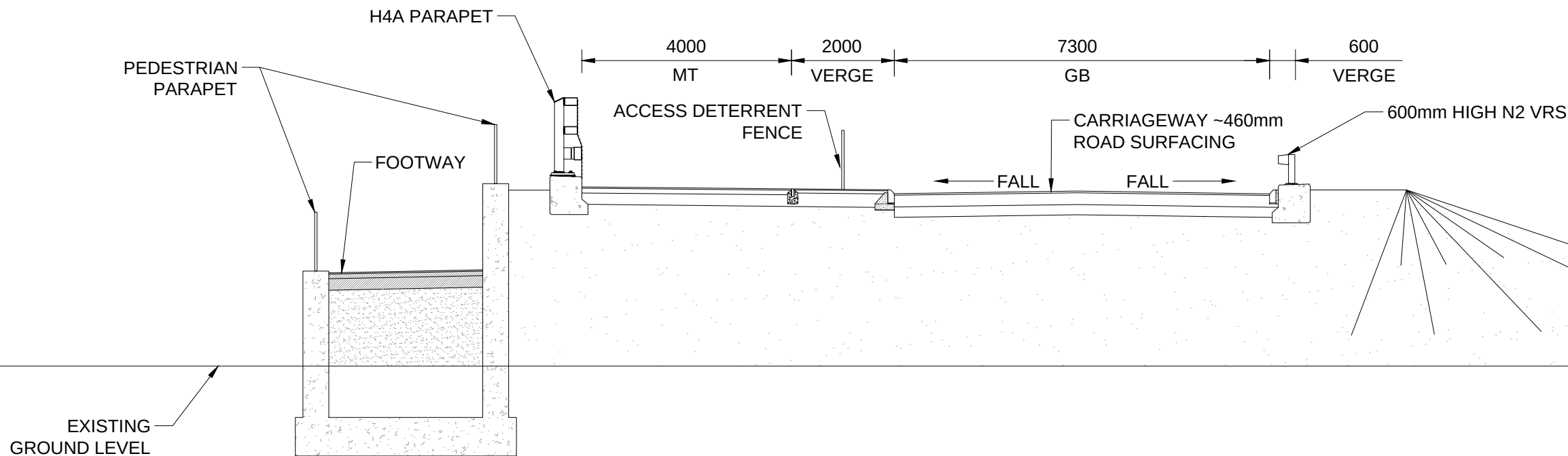
FRL 16.56m  
SOFFIT 15.60m

H4A VRS

1 IN 2.5 GRADIENT

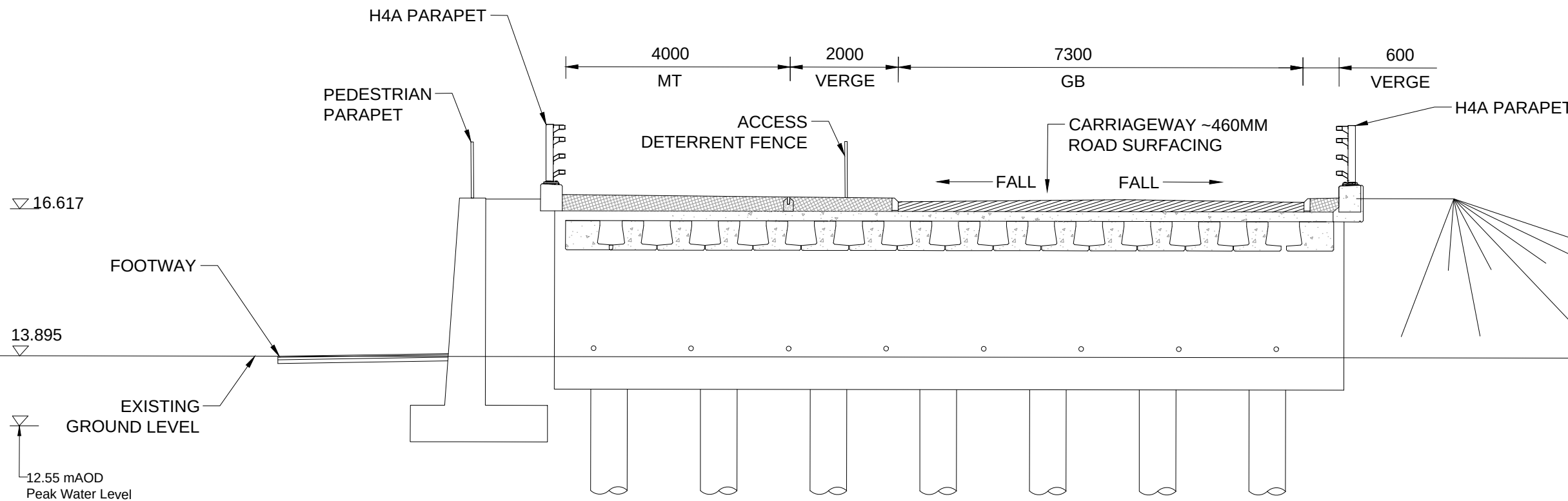
### NORTH WEST APPROACH ELEVATION

1:200



### SECTION A-A'

1:100



### NORTH ABUTMENT

1:100

#### NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- THE STRUCTURE AND LAYOUT SHOWN IS AT A PRELIMINARY DESIGN LEVEL OF DETAIL ONLY. DETAILED DIMENSIONS AND LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO CHANGE AT THE NEXT DESIGN STAGE.
- ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM ACCEPTABLE MATERIAL, WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENT FOR APPROACH EMBANKMENTS TO BE CONFIRMED.
- RRRAP ASSESSMENT AND THE DECK EDGE DETAILS ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
- DESIGN FLOOD LEVELS TO BE REVIEWED AT THE NEXT DESIGN STAGE.
- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK.  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
- FOR DEEMED PLAN REFER TO DRAWING NUMBER5212868-ATK-GEN-WHL\_AL-DR-ZL-000002.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



#### KEY PLAN SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| First issue                          |          |       |         |          |            |            |
| A1                                   | CO1      | ET    | ST      | DW       | GB         | 15/11/22   |
| Description                          |          |       |         |          |            |            |
| FIRST ISSUE                          |          |       |         |          |            |            |
| A1                                   | CO2      | RE    | US      | DW       | GB         | 15/09/23   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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Client

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Project Title CSET PHASE 2

Drawing Title  
**CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 4 HOBSON'S CONDUIT  
GENERAL ARRANGEMENT**

| Drawing Number |    | Originator    |          | Volume             |         |
|----------------|----|---------------|----------|--------------------|---------|
| Project        |    | 5212868 - ATK |          | - SGN -            |         |
| Location       |    | WHL_AL_SCHME  |          | - DR - CB - 000001 |         |
| Original Size: | A1 | Scale:        | AS SHOWN | Project Ref. No:   | 5212868 |
|                |    | Sheet:        | 1 of 2   | Rev:               | C04     |



This Drawing is saved on ProjectWise. Plotted: 07/01/2025 17:30:19 By: KUMA98422

- 

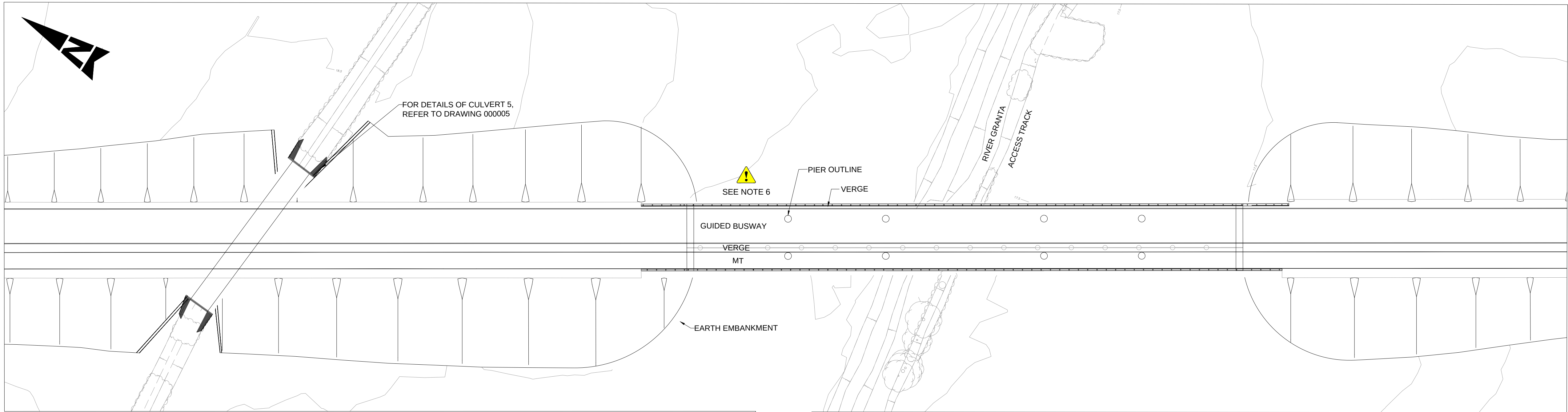
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[www.atkinsrealis.com](http://www.atkinsrealis.com)

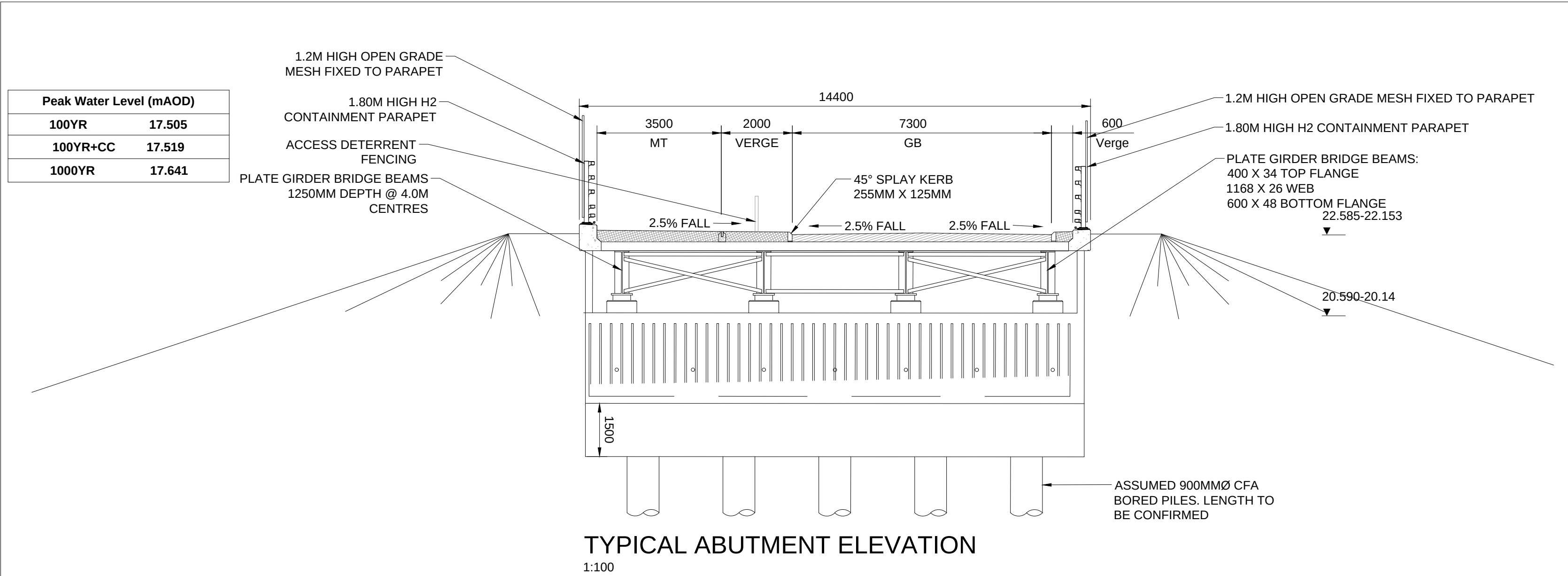
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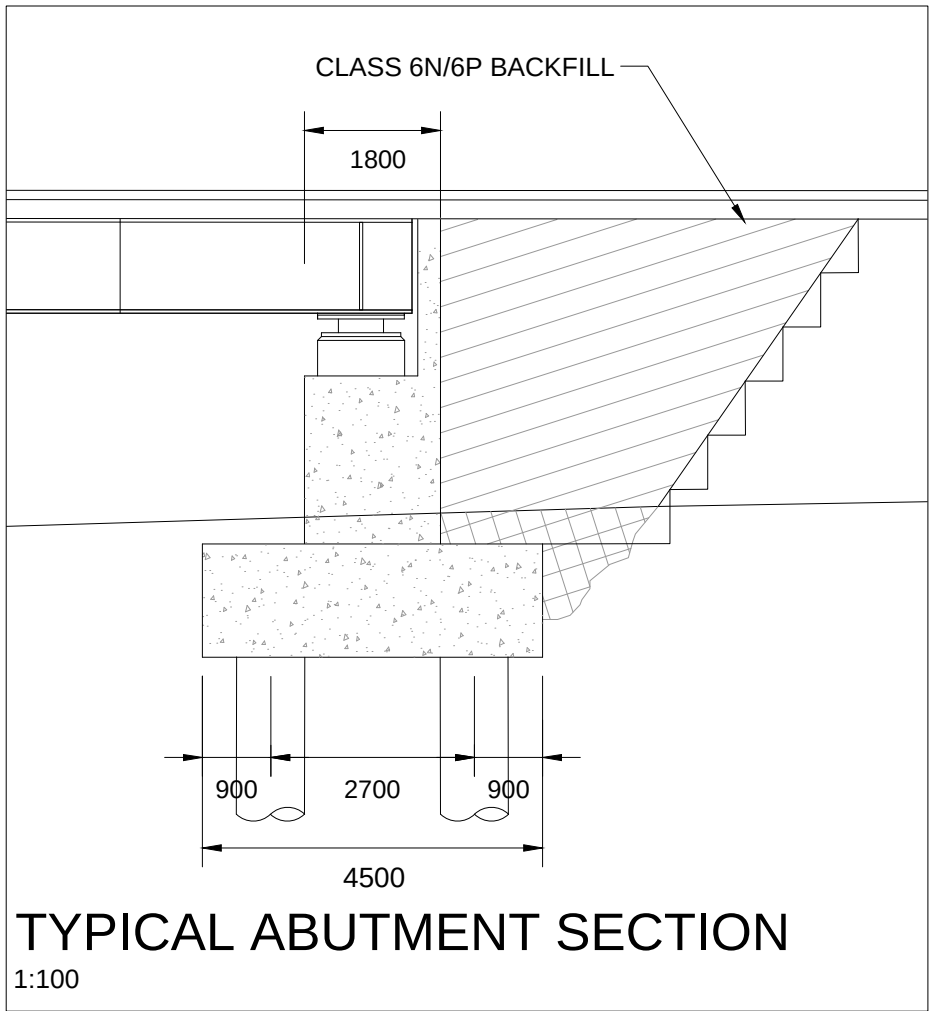
|                                 |                 |                          |               |          |
|---------------------------------|-----------------|--------------------------|---------------|----------|
| Drawing Number                  |                 |                          |               |          |
| Project                         | Originator      | Volume                   |               |          |
| 5212868                         | - ATK           | - SGN -                  |               |          |
| WHL_AL_SCHME - DR - CB - 000002 |                 |                          |               |          |
| Location                        | Type            | Role                     | Number        |          |
| Original Size: A1               | Scale: AS SHOWN | Project Ref. No: 5212868 | Sheet: 2 of 2 | Rev: C04 |



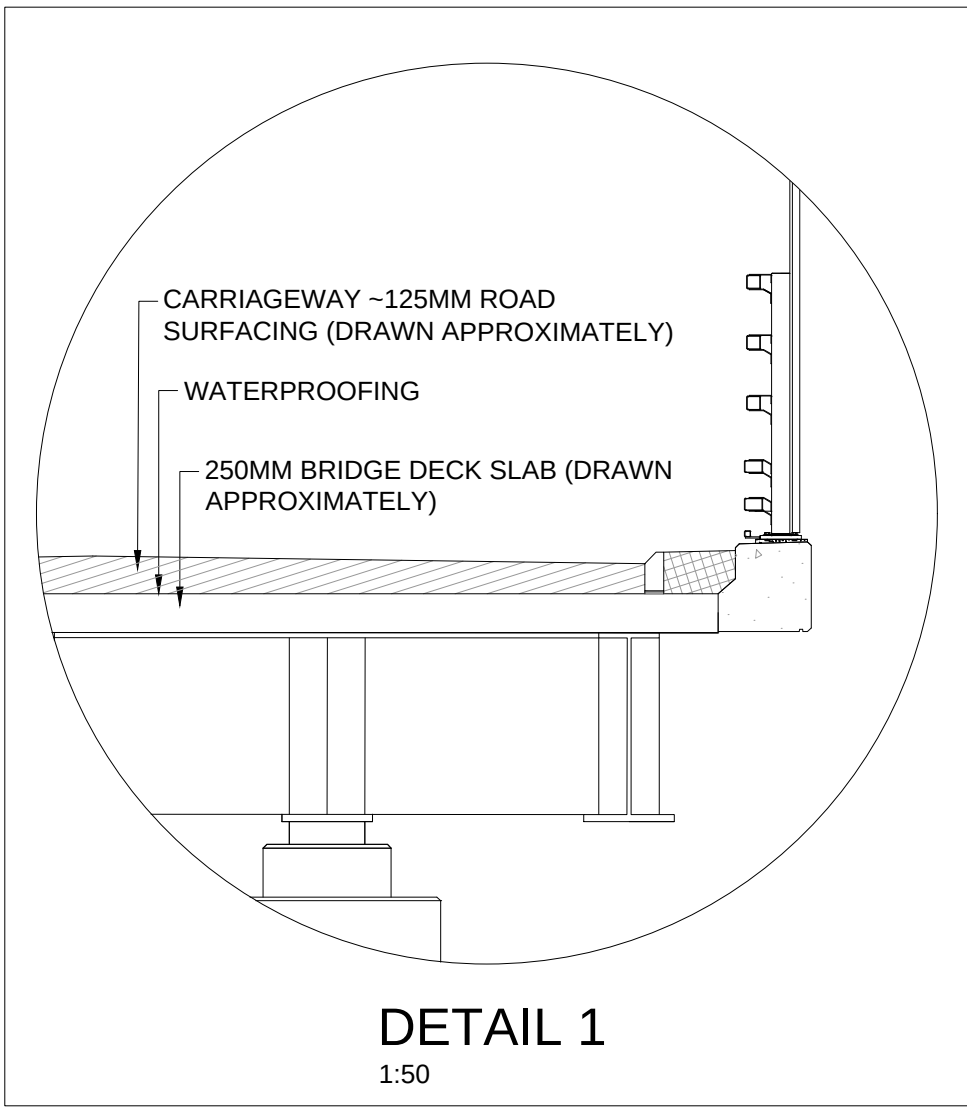
PLAN  
1:500



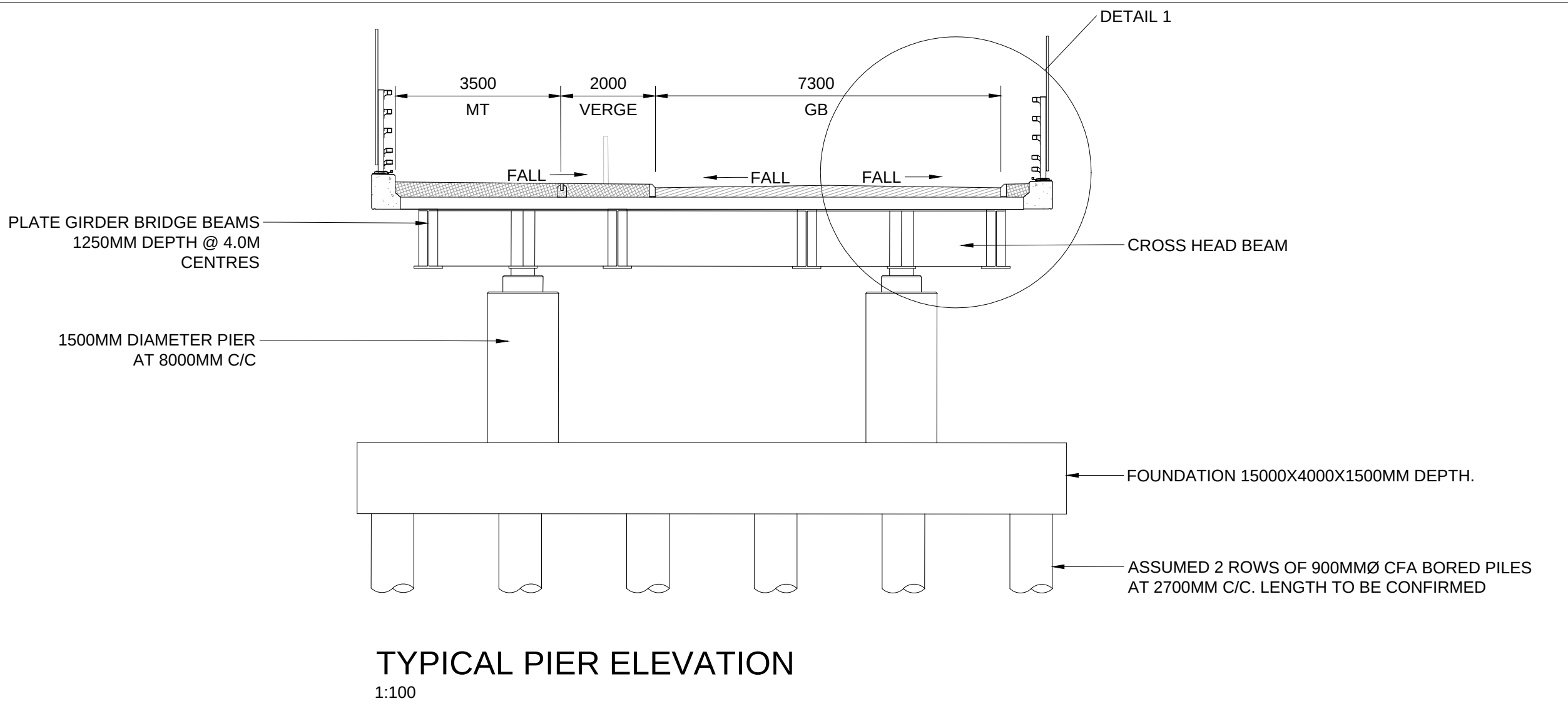
TYPICAL ABUTMENT ELEVATION  
1:100



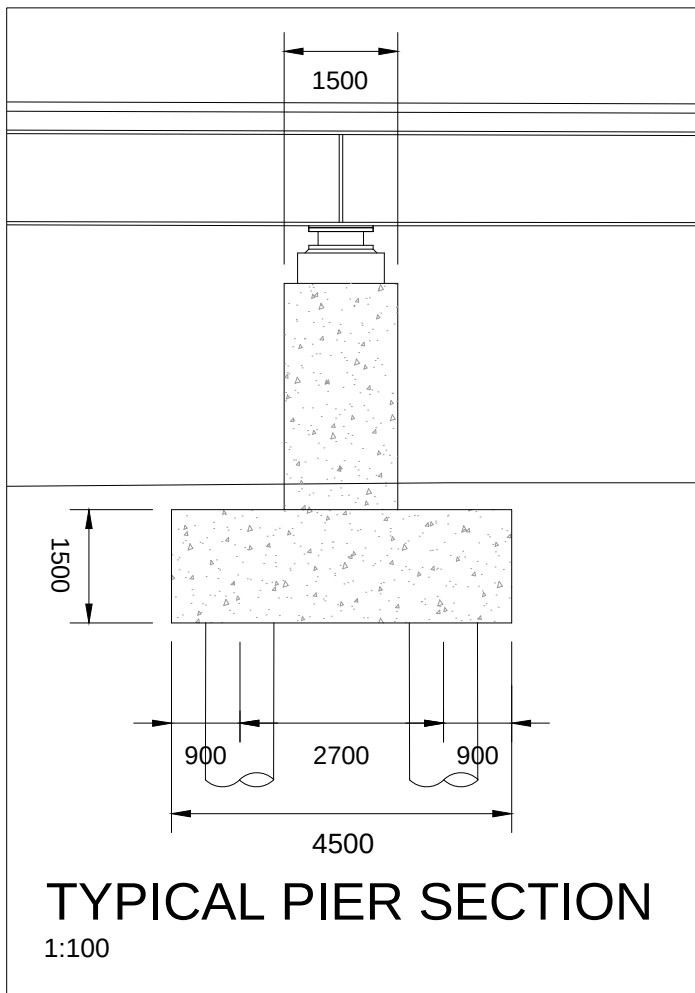
TYPICAL ABUTMENT SECTION  
1:100



DETAIL 1  
1:50



TYPICAL PIER ELEVATION  
1:100



TYPICAL PIER SECTION  
1:100

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- THE STRUCTURE AND LAYOUT SHOWN IS AT A PRELIMINARY DESIGN LEVEL OF DETAIL ONLY. DETAILED DIMENSIONS AND LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO CHANGE AT THE NEXT DESIGN STAGE.
- ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM ACCEPTABLE FILL WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
- PARAPETS ARE 1.8m IN HEIGHT, WITH 1.2m OPEN MESH ABOVE, AS MITIGATION FOR BATS TO AVOID CONFLICT WITH BUSES.
- RRRAP ASSESSMENT, DECK EDGE DETAILS AND PARAPET CONNECTION ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
- GAS MAIN PRESENT UNDER VIADUCT, LOCATION TO BE CONFIRMED DURING DETAILED DESIGN TO POSSIBLY AVOID CLASH WITH STRUCTURE (ASSUMED DIVERTED AT THIS STAGE).
- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
- ACCESS DETERRENT FENCING TO BE PROVIDED ON DECK TO LINK TO ACCESS DETERRENT PLANTING, FORMING A BARRIER TO ACCESS FROM THE MT TO THE GB TO BE DETAILED AT NEXT DESIGN STAGE.
- FLOOD EVENTS AND WATER LEVELS ARE SHOWN IN THE PEAK WATER LEVEL TABLE.
- FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000008.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



KEY PLAN  
SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| FIRST ISSUE                          |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Second Issue                         |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO2      | AH    | AH      | DW       | GB         | 15/09/23   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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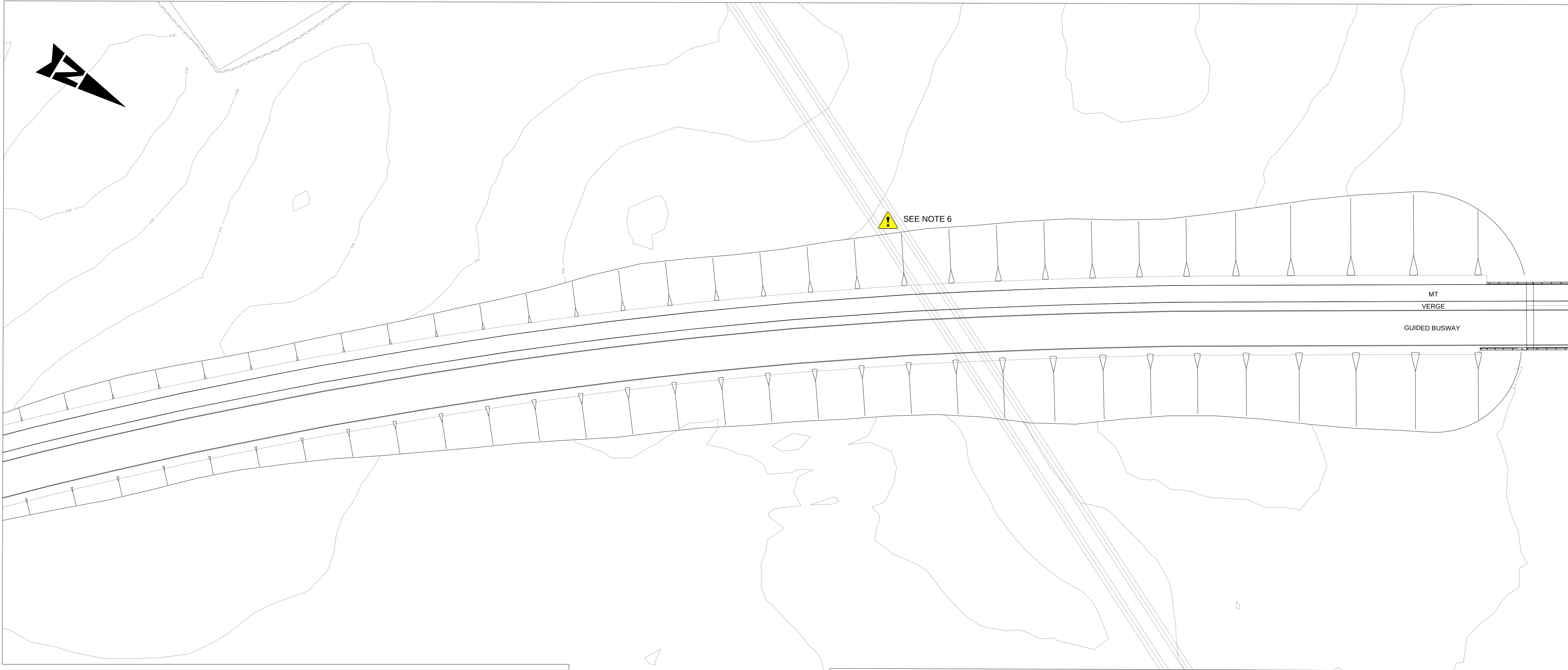
Client

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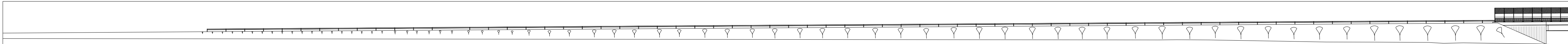
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CSET PHASE 2

Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 6 STAPLEFORD  
GENERAL ARRANGEMENT

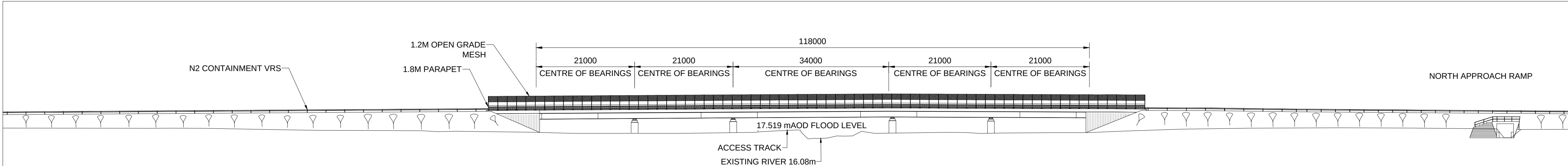
| Drawing Number |  | Project       |  | Originator |  | Volume           |  |
|----------------|--|---------------|--|------------|--|------------------|--|
| 5212868        |  | - ATK         |  | - SGN      |  | -                |  |
| Location       |  | Original Size |  | Scale      |  | Project Ref. No. |  |
| A1             |  | AS SHOWN      |  | 5212868    |  | Sheet 1 of 3     |  |
| Rev.           |  | C04           |  |            |  |                  |  |



SOUTH APPROACH RAMP PLAN  
1:500



SOUTH APPROACH RAMP ELEVATION  
1:500



VIADUCT EAST ELEVATION  
1:500

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
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- ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM ACCEPTABLE FILL WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
- PARAPETS ARE 1.8m IN HEIGHT, WITH 1.2m OPEN MESH ABOVE, AS MITIGATION FOR BATS TO AVOID CONFLICT WITH BUSES.
- GAS MAIN PRESENT UNDER VIADUCT, LOCATION TO BE CONFIRMED DURING DETAILED DESIGN TO POSSIBLY AVOID CLASH WITH STRUCTURE (ASSUMED DIVERTED AT THIS STAGE).
- OVERHEAD LINES PRESENT
- RRRAP ASSESSMENT, DECK EDGE DETAILS AND PARAPET CONNECTION ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
- ACCESS DETERRENT FENCING TO BE PROVIDED ON DECK TO LINK TO ACCESS DETERRENT PLANTING, FORMING A BARRIER TO ACCESS FROM THE MT TO THE GB TO BE DETAILED AT NEXT DESIGN STAGE.
- FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000009.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



KEY PLAN  
SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| FOR ISSUE                            |          |       |         |          |            |            |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| First Issue                          |          |       |         |          |            |            |
| A1                                   | CO2      | AH    | AH      | DW       | GB         | 15/09/23   |
| Description                          |          |       |         |          |            |            |
| TWAO Application Oct 2024 Submission |          |       |         |          |            |            |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWAO JANUARY 2025                    |          |       |         |          |            |            |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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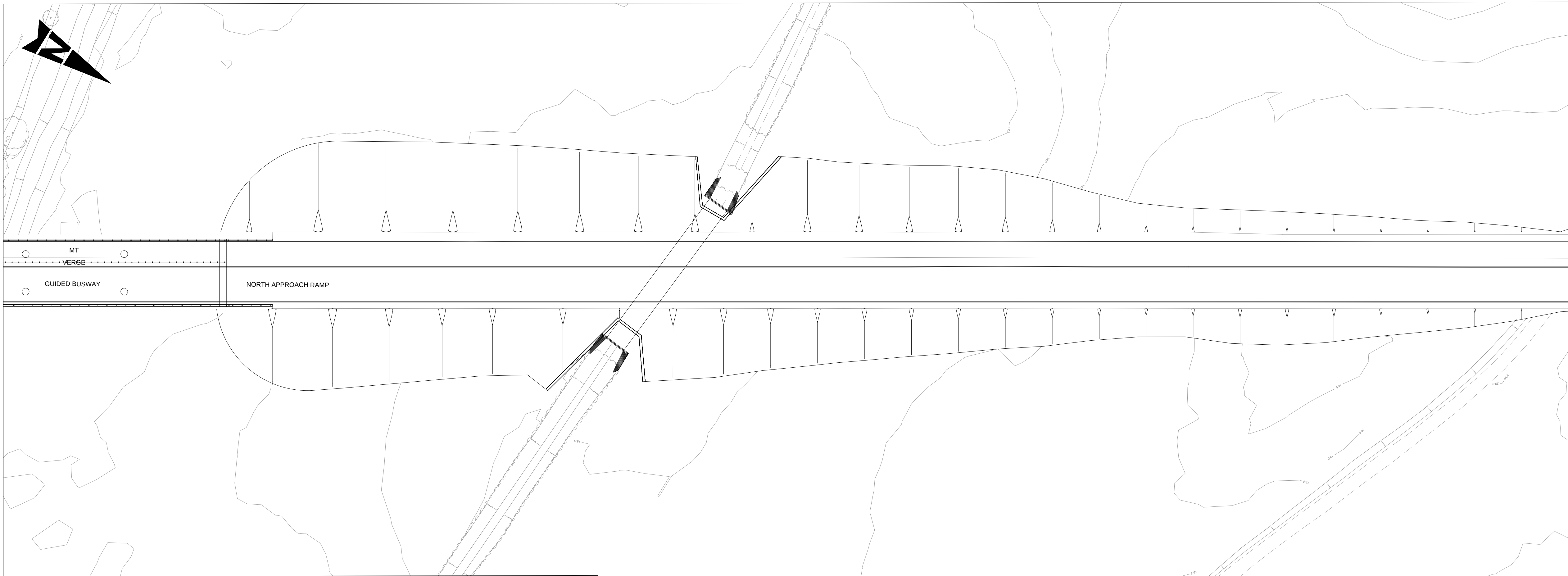
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Project Title  
CSET PHASE 2

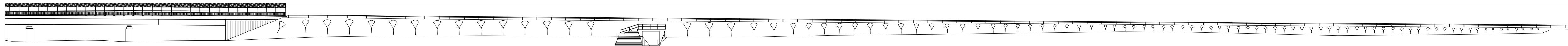
Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 6 STAPLEFORD  
SOUTH APPROACH RAMP

| Drawing Number |  | Originator                      |                 | Volume                   |               |
|----------------|--|---------------------------------|-----------------|--------------------------|---------------|
| Project        |  | 5212868 - ATK                   |                 | - SGN -                  |               |
| Location       |  | WHL_AL_SCHME - DR - CB - 000004 |                 |                          |               |
| Original Size: |  | A1                              | Scale: AS SHOWN | Project Ref. No: 5212868 | Sheet: 2 of 3 |
|                |  |                                 |                 | Rev:                     | C04           |

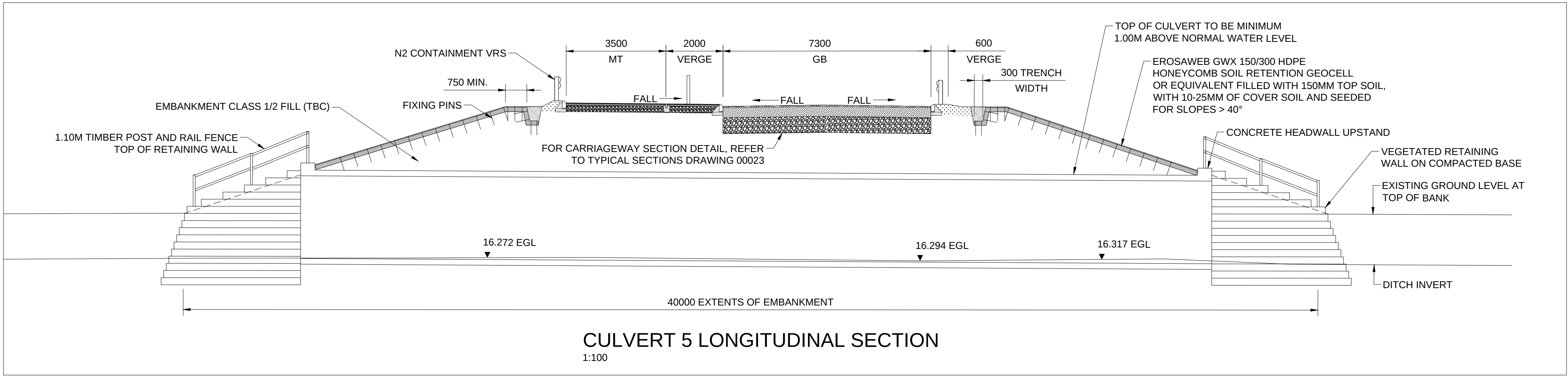
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NORTH APPROACH RAMP PLAN  
1:500



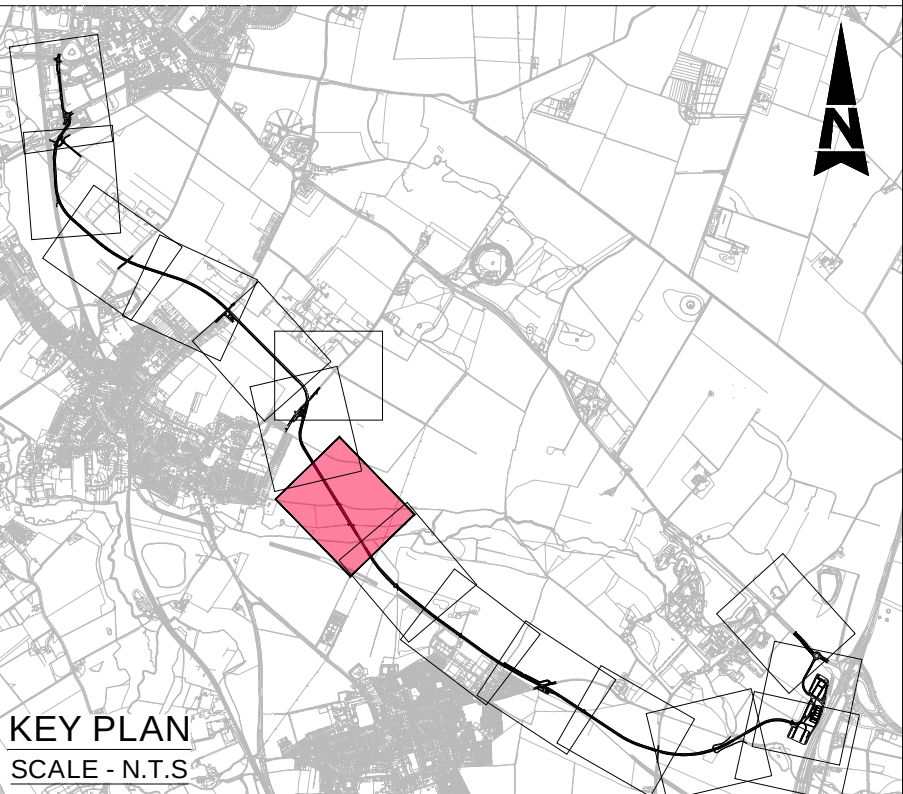
NORTH APPROACH RAMP ELEVATION  
1:500



CULVERT 5 LONGITUDINAL SECTION  
1:100

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- THE STRUCTURE AND LAYOUT SHOWN IS AT A PRELIMINARY DESIGN LEVEL OF DETAIL ONLY. DETAILED DIMENSIONS AND LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO CHANGE AT THE NEXT DESIGN STAGE.
- ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM ACCEPTABLE FILL WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
- PARAPETS ARE 1.8m IN HEIGHT, WITH 1.2m OPEN MESH ABOVE, AS MITIGATION FOR BATS TO AVOID CONFLICT WITH BUSES.
- GAS MAIN PRESENT UNDER VIADUCT, LOCATION TO BE CONFIRMED DURING DETAILED DESIGN TO POSSIBLY AVOID CLASH WITH STRUCTURE (ASSUMED DIVERTED AT THIS STAGE).
- RRRAP ASSESSMENT, DECK EDGE DETAILS AND PARAPET CONNECTION ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
- ACCESS DETERRENT FENCING TO BE PROVIDED ON DECK TO LINK TO ACCESS DETERRENT PLANTING, FORMING A BARRIER TO ACCESS FROM THE MT TO THE GB TO BE DETAILED AT NEXT DESIGN STAGE.
- FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000008.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



KEY PLAN  
SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| FOR ISSUE                            |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| First Issue                          |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO2      | AH    | AH      | DW       | GB         | 15/09/23   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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Client

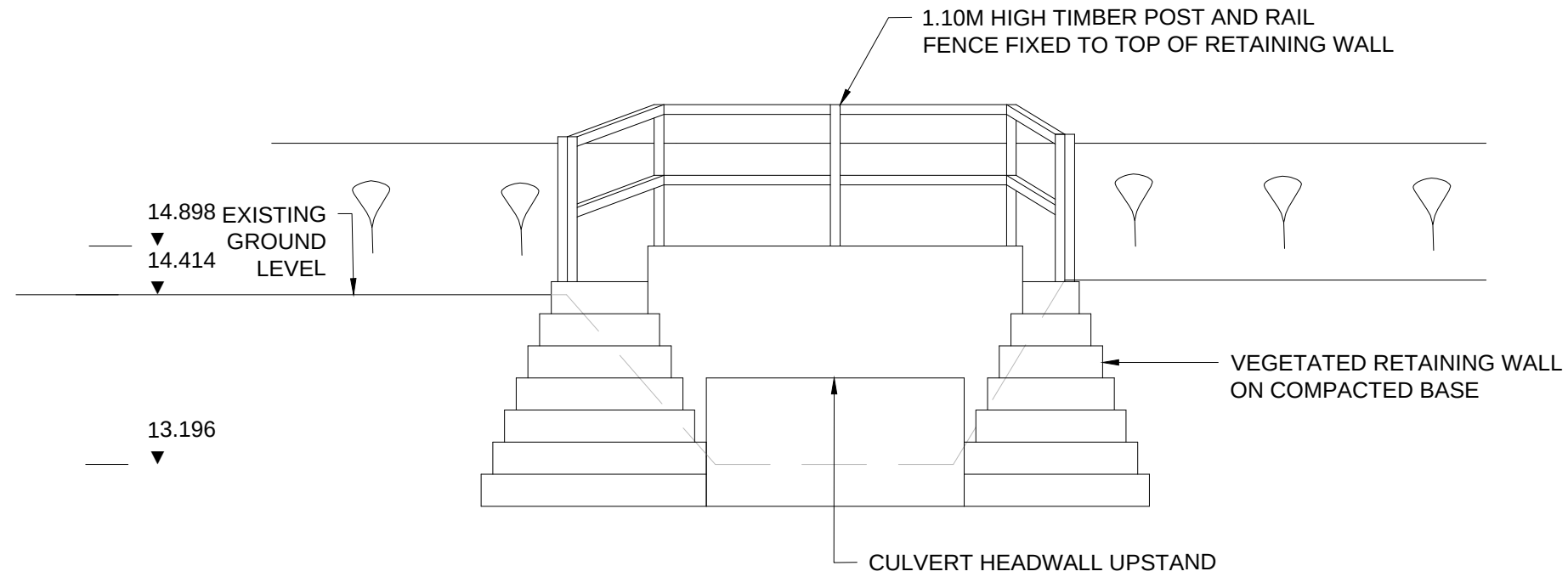
Greater Cambridge Partnership  
Growing and sharing prosperity  
Delivering our City Deal

Project Title  
CSET PHASE 2

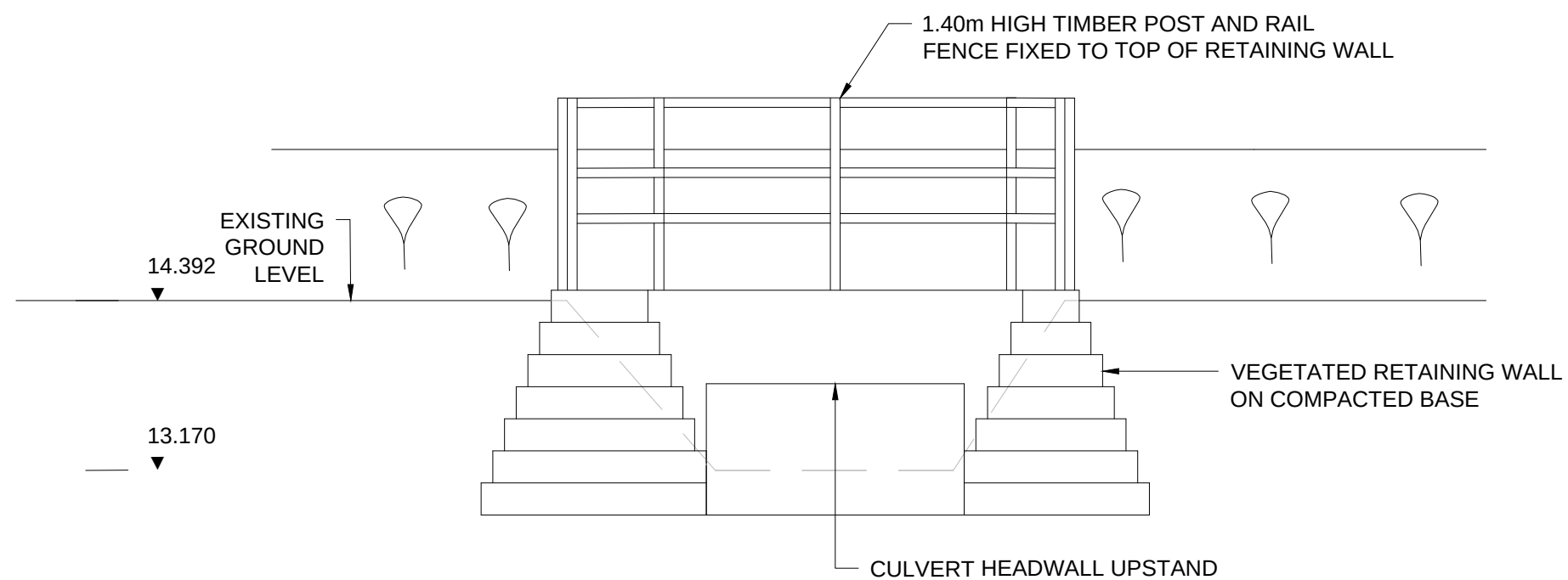
Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 6 STAPLEFORD  
NORTH APPROACH RAMP

| Drawing Number |     | Project     |          | Originator        |         | Volume |        |
|----------------|-----|-------------|----------|-------------------|---------|--------|--------|
| 5212868        |     | - ATK       |          | - SGN             |         | -      |        |
| Location       |     | Type        |          | Role              |         | Number |        |
| WHL_AL_SCHME   |     | - DR - CB - |          | 000005            |         |        |        |
| Original Size: | A1  | Scale:      | AS SHOWN | Project Ref. No.: | 5212868 | Sheet: | 3 of 3 |
| Rev.           | C04 |             |          |                   |         |        |        |

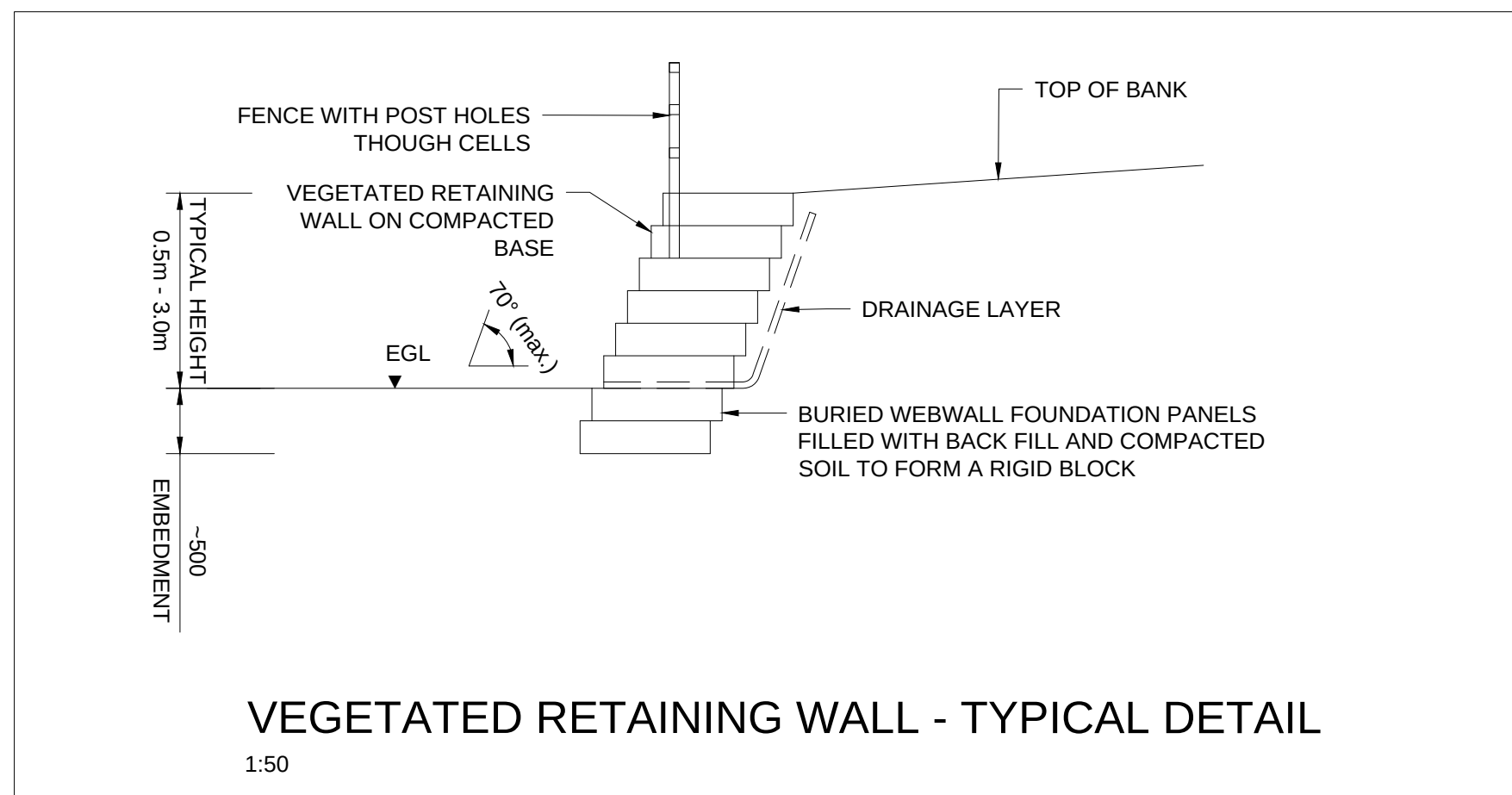
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0 10  
Millimetres



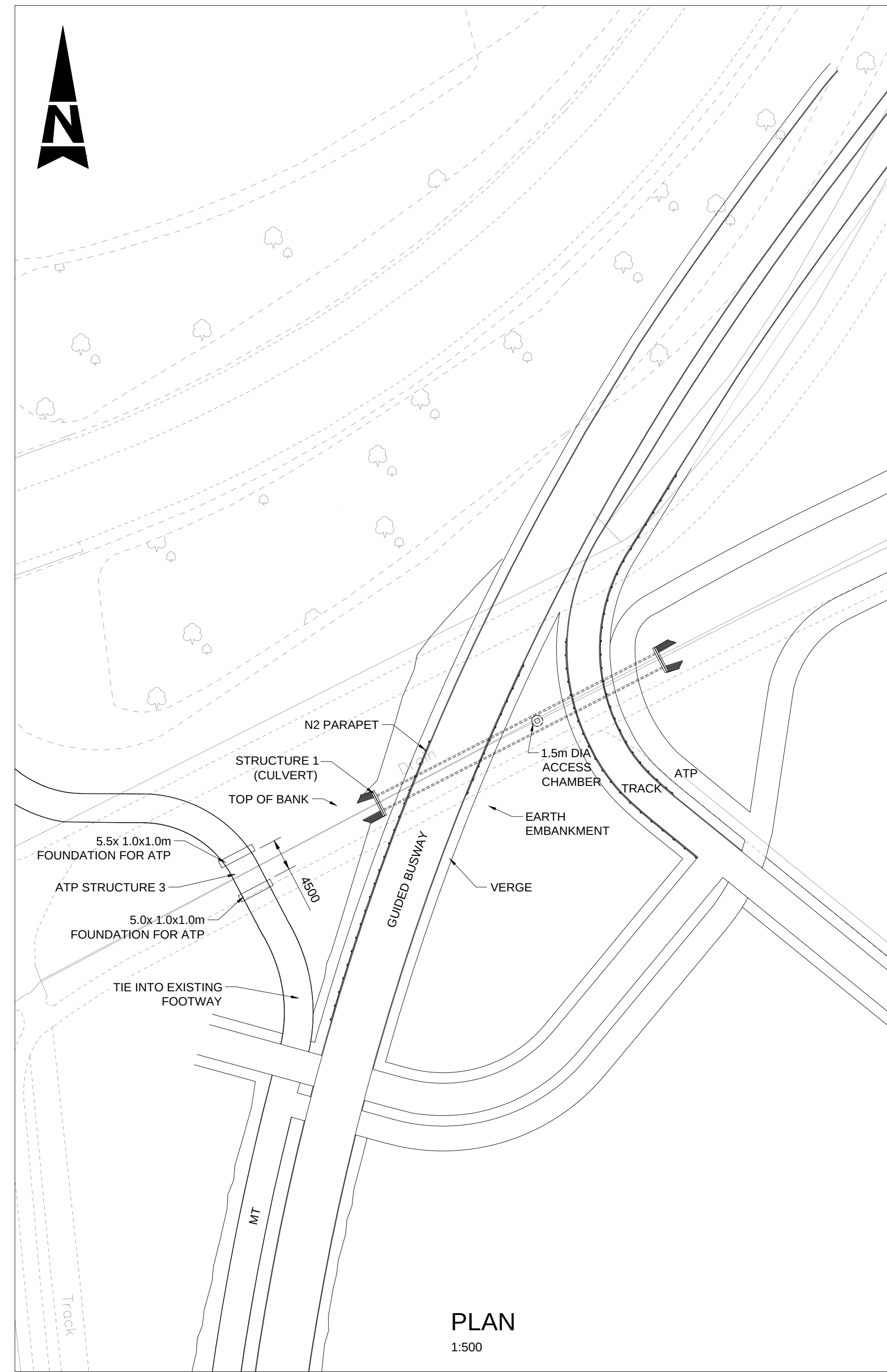
WEST ELEVATION  
1:50



EAST ELEVATION  
1:50



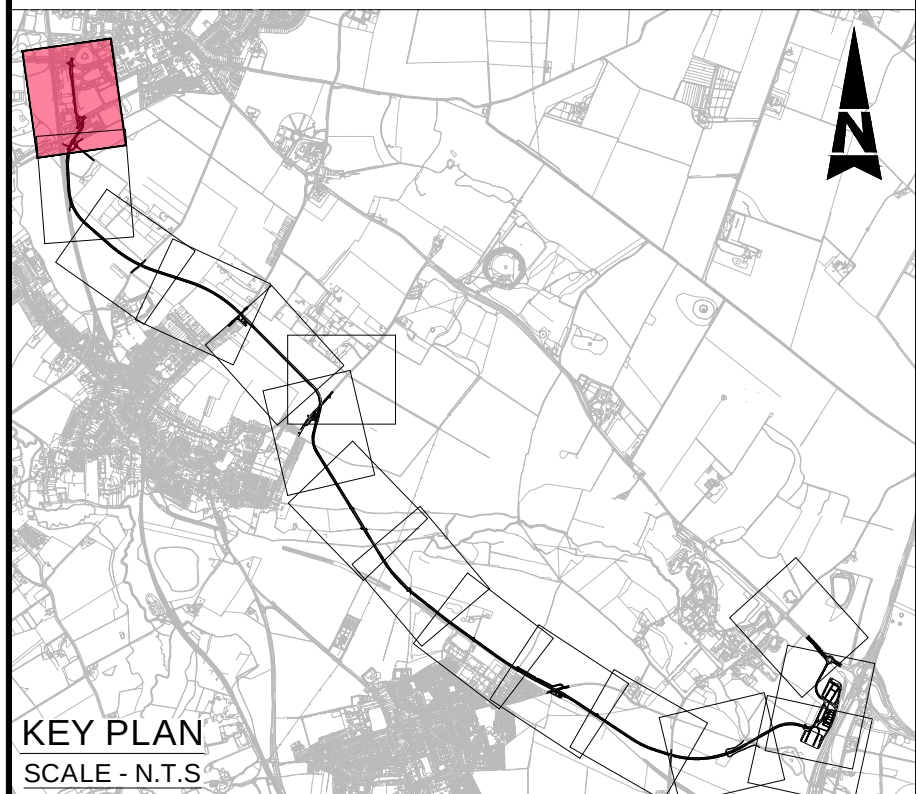
VEGETATED RETAINING WALL - TYPICAL DETAIL  
1:50



PLAN  
1:500

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
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- ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM CLASS 1 OR 2 MATERIAL WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
- HYDRAULIC AND ECOLOGICAL CHARACTERISTICS OF THE CULVERT ARE TO BE CONFIRMED AT THE NEXT DESIGN STAGE.
- DESIGN FLOOD LEVELS ARE STILL TO BE CONFIRMED.
- THE REQUIREMENTS FOR STRUCTURE 3 FOUNDATIONS AND SUPERSTRUCTURE ARE TO BE CONFIRMED.
- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM  
EGL - EXISTING GROUND LEVEL
- FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000001.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



KEY PLAN  
SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description                          |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description                          |          |       |         |          |            |            |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Description                          |          |       |         |          |            |            |
| FOR ISSUE                            |          |       |         |          |            |            |
| A1                                   | CO2      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| A1                                   | CO3      | AK    | KS      | EK       | EK         | 07/01/25   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| A1                                   | CO3      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |



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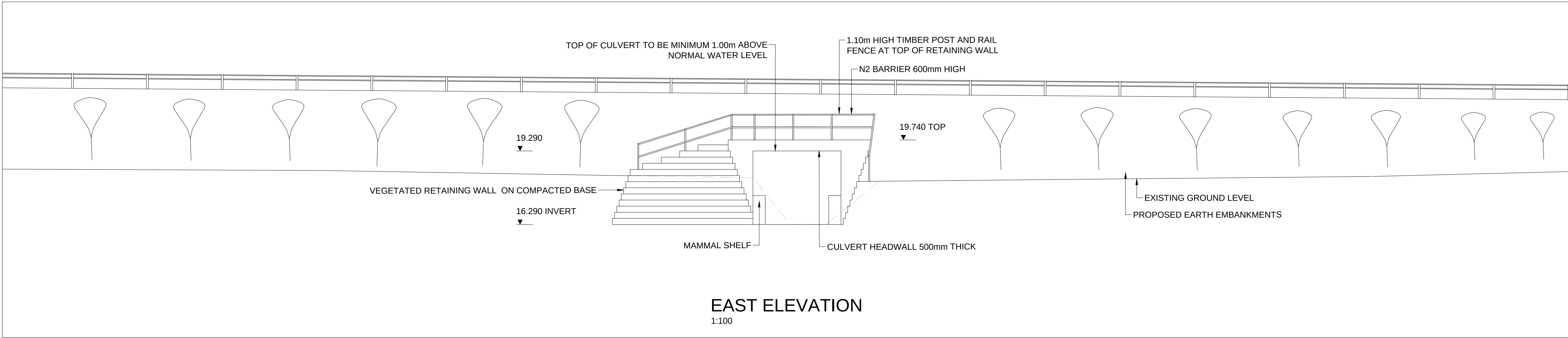
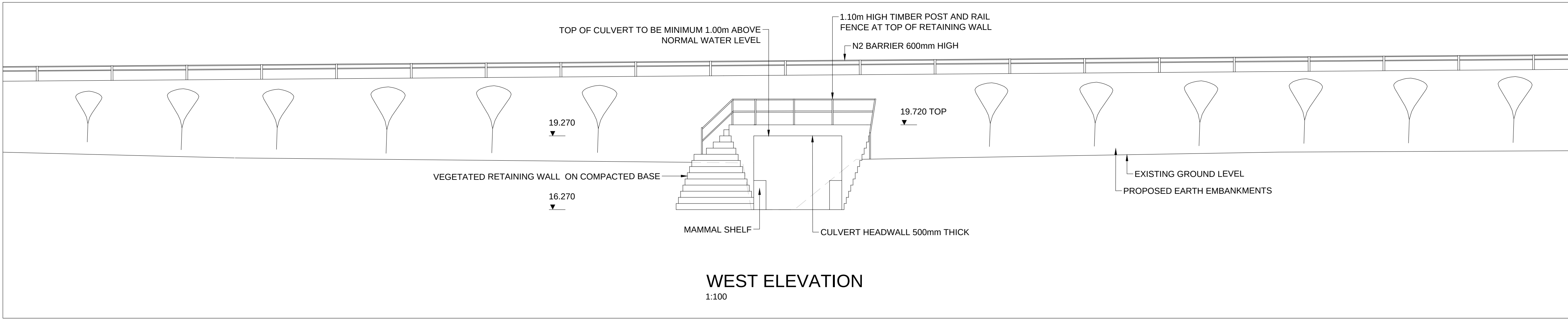
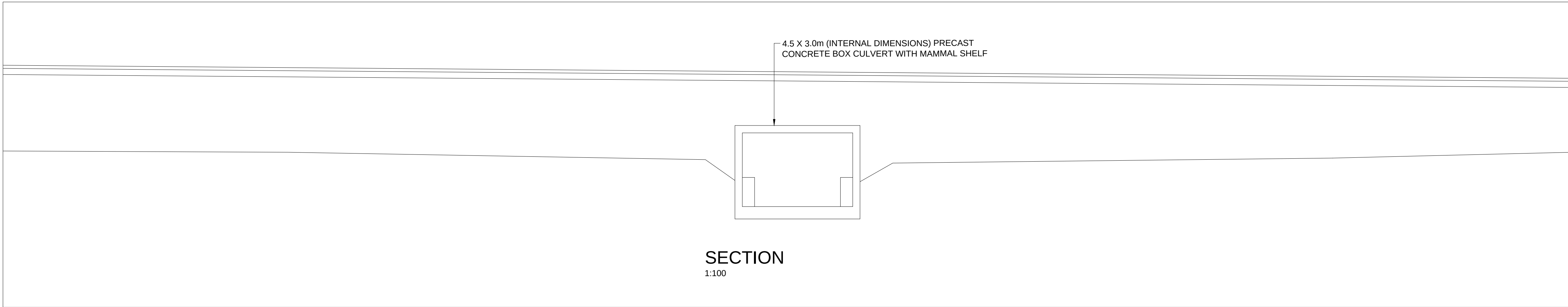


Project Title  
CSET PHASE 2

Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURES 1-3  
GENERAL ARRANGEMENT

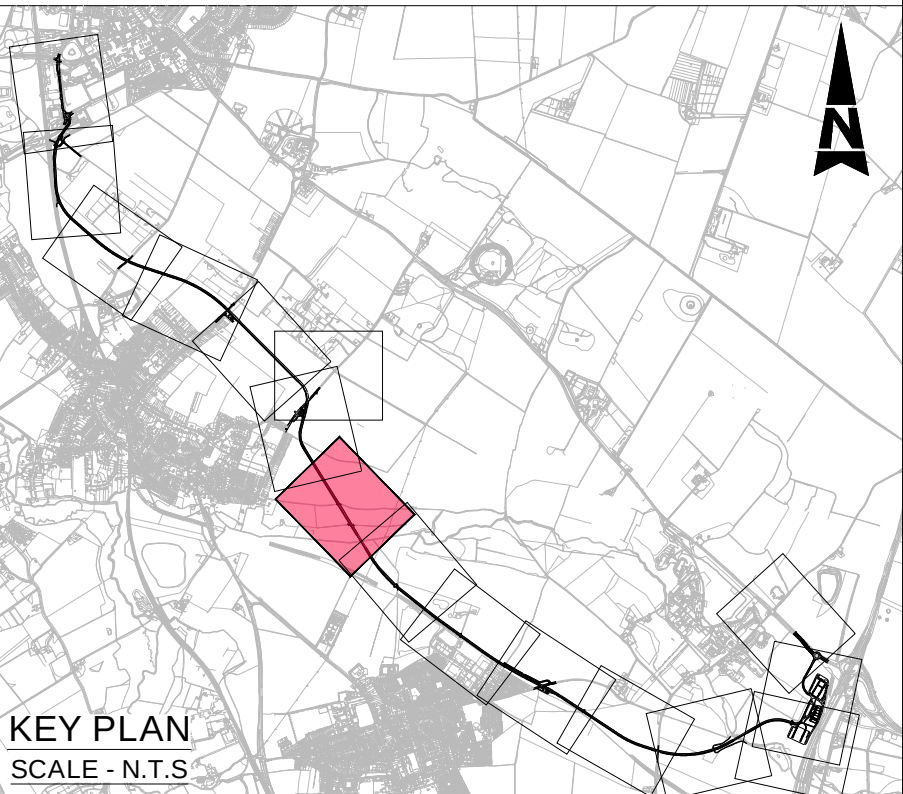
| Drawing Number |       | Project   |                  | Originator |       | Volume |          |
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| 5212868        |       | - ATK     |                  | - SGN      |       | -      |          |
| Location       |       | Type      |                  | Role       |       | Number |          |
| WHL_AL_SCHME   |       | - DR - CB |                  | - 000006   |       |        |          |
| Original Size  | Scale | AS SHOWN  | Project Ref. No. | 5212868    | Sheet | 1 of 1 | Rev. C03 |

100  
0 10  
Millimetres



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. THE STRUCTURE AND LAYOUT SHOWN IS AT A PRELIMINARY DESIGN LEVEL OF DETAIL ONLY. DETAILED DIMENSIONS AND LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO CHANGE AT THE NEXT DESIGN STAGE.
3. ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM CLASS 1 OR 2 MATERIAL WITH 1:4 SIDE SLOPES REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
4. HYDRAULIC AND ECOLOGICAL CHARACTERISTICS OF THE CULVERT ARE TO BE CONFIRMED AT THE NEXT DESIGN STAGE.
5. DESIGN FLOOD LEVELS ARE STILL TO BE CONFIRMED.
6. GB - GUIDED BUSWAY
7. FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000008.
8. FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description                          |          |       |         |          |            |            |
| Description                          |          |       |         |          |            |            |
| Description                          |          |       |         |          |            |            |
| FOR ISSUE                            |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO2      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO3      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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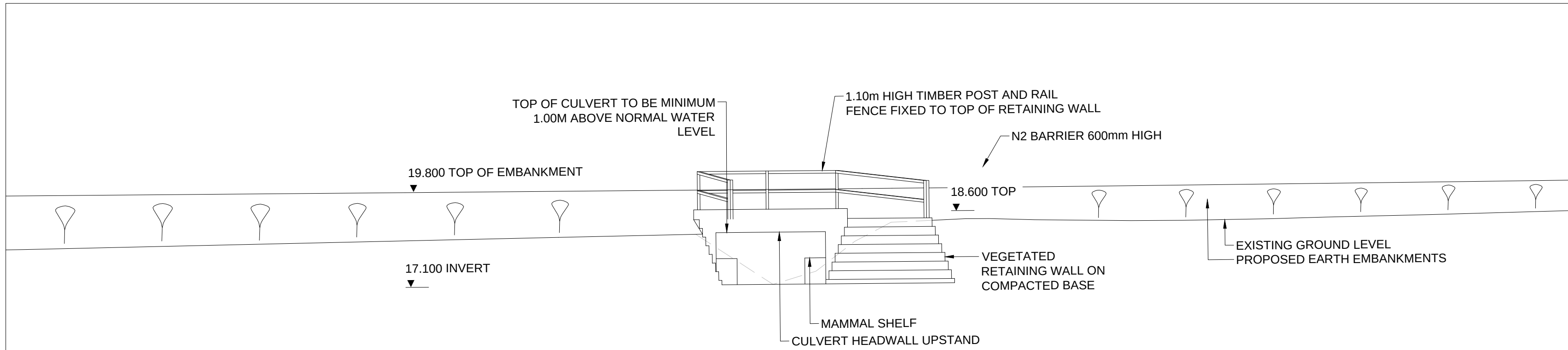
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Delivering our City Deal

Project Title  
CSET PHASE 2

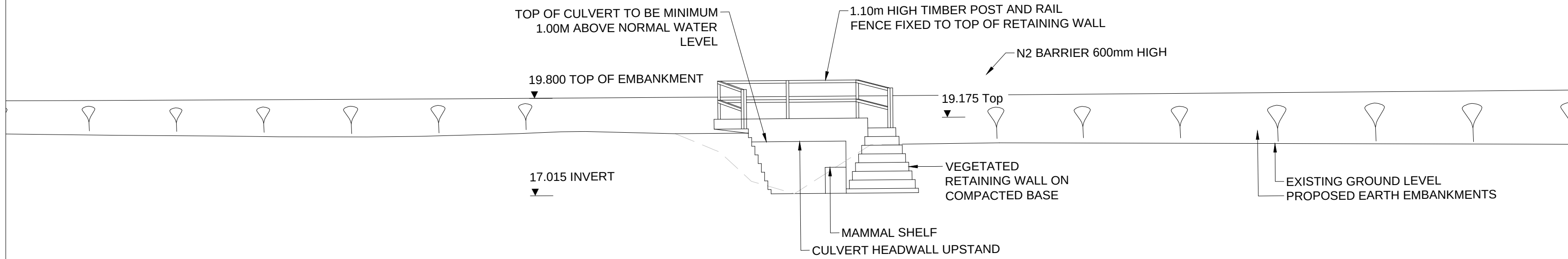
Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 5  
GENERAL ARRANGEMENT

| Drawing Number   |  | Originator    |  | Volume             |  |
|------------------|--|---------------|--|--------------------|--|
| Project          |  | 5212868 - ATK |  | - SGN -            |  |
| Location         |  | WHL_AL_SCHME  |  | - DR - CB - 000007 |  |
| Original Size    |  | A1            |  | Scale: AS SHOWN    |  |
| Project Ref. No. |  | 5212868       |  | Sheet: 1 of 1      |  |
| Rev.             |  | C03           |  |                    |  |

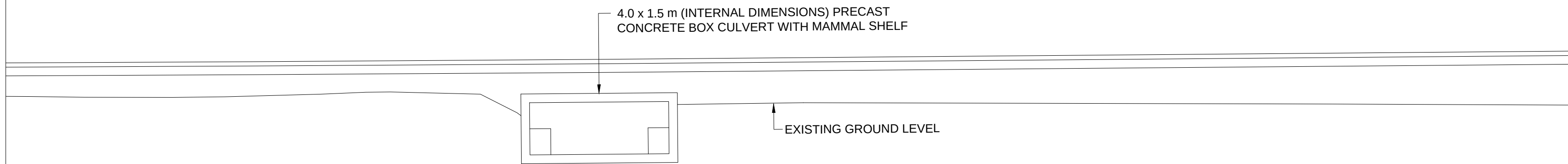
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Millimetres



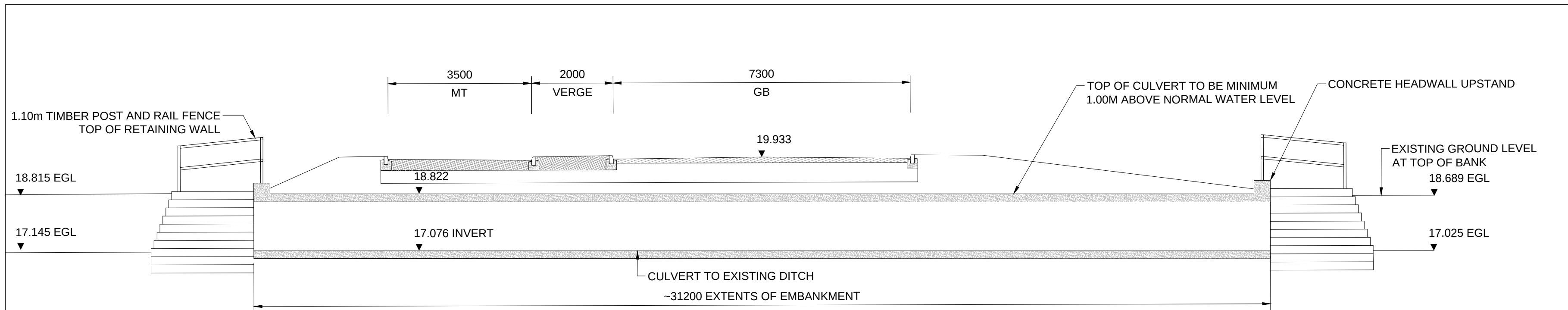
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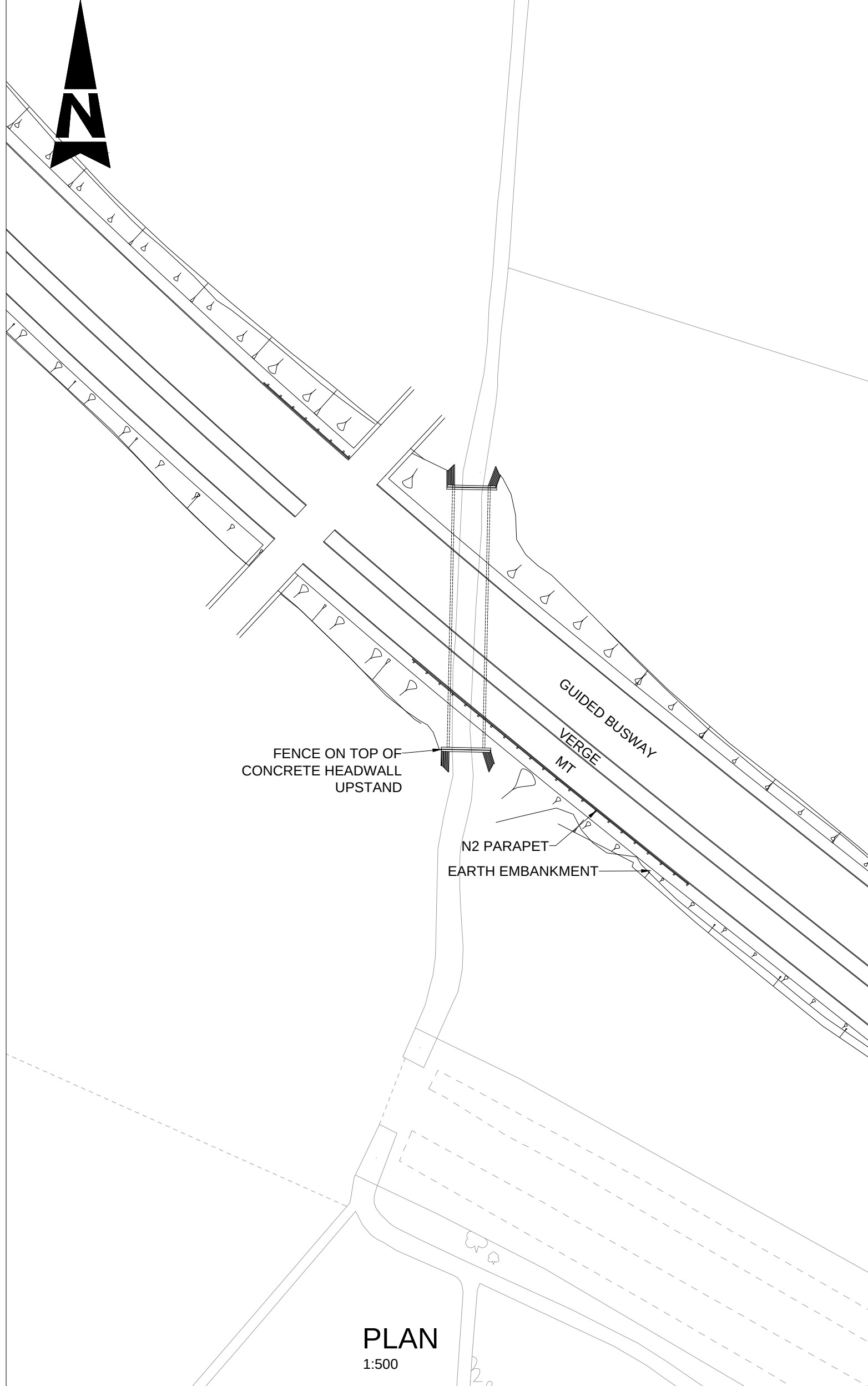
SOUTH ELEVATION  
1:100



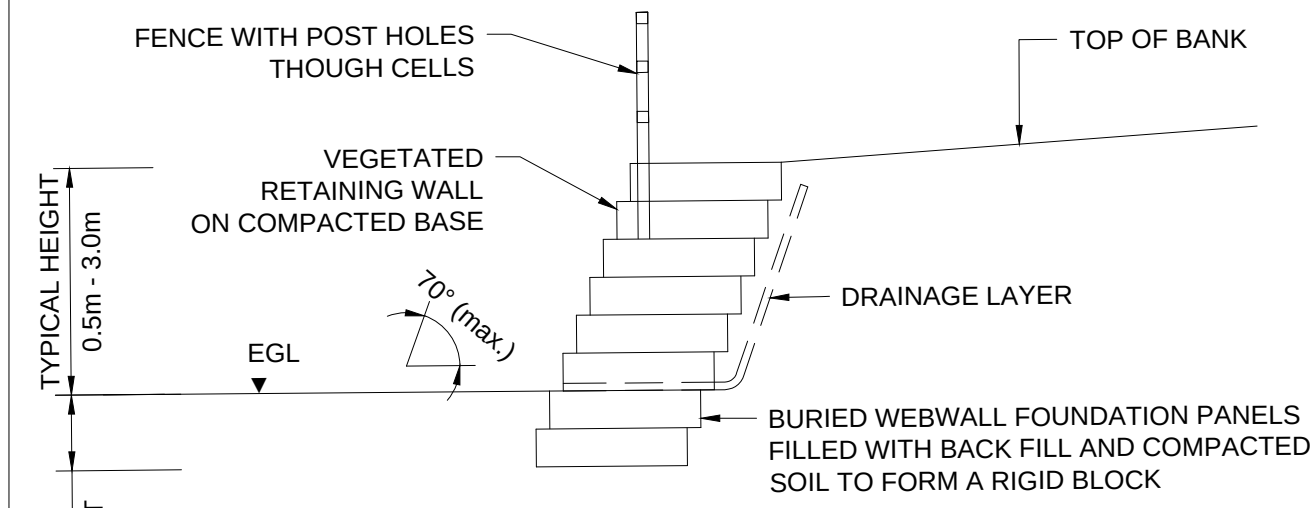
SECTION  
1:100



CULVERT LONG SECTION  
1:100



PLAN  
1:500



VEGETATED RETAINING WALL - TYPICAL DETAIL  
1:50

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
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4. HYDRAULIC AND ECOLOGICAL CHARACTERISTICS OF THE CULVERT ARE TO BE CONFIRMED AT THE NEXT DESIGN STAGE.
5. DESIGN FLOOD LEVELS ARE STILL TO BE CONFIRMED.
6. MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
EGL - EXISTING GROUND LEVEL
7. FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000009.
8. FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



KEY PLAN  
SCALE - N.T.S.

| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description                          |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description                          |          |       |         |          |            |            |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Description                          |          |       |         |          |            |            |
| FOR ISSUE                            |          |       |         |          |            |            |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO2      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO3      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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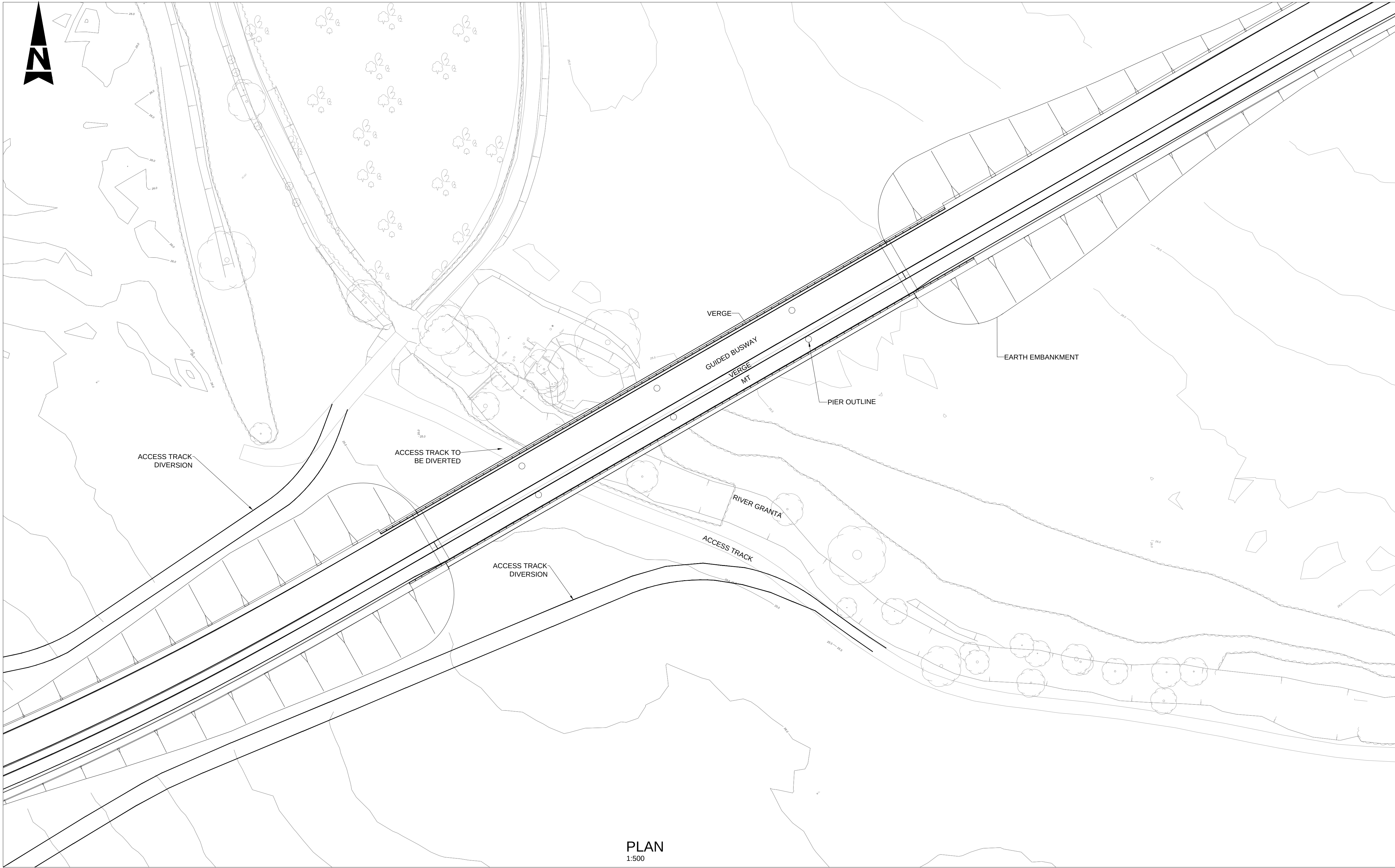
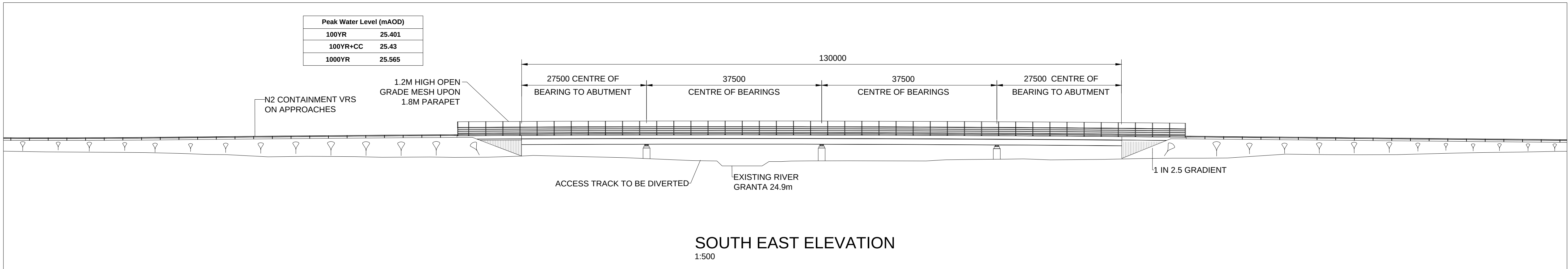
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GROWING AND SHARING PROSPERITY  
Delivering our City Deal

Project Title  
CSET PHASE 2

Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 7  
GENERAL ARRANGEMENT

| Drawing Number |     | Project   |          | Originator        |         | Volume |        |
|----------------|-----|-----------|----------|-------------------|---------|--------|--------|
| 5212868        |     | - ATK     |          | - SGN             |         | -      |        |
| Location       |     | Type      |          | Role              |         | Number |        |
| WHL_AL_SCHME   |     | - DR - CB |          | - 000008          |         |        |        |
| Original Size: | A1  | Scale:    | AS SHOWN | Project Ref. No.: | 5212868 | Sheet: | 1 of 1 |
| Rev:           | C03 |           |          |                   |         |        |        |



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
  - THE STRUCTURE AND LAYOUT SHOWN IS AT A PRELIMINARY DESIGN LEVEL OF DETAIL ONLY. DETAILED DIMENSIONS AND LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO CHANGE AT THE NEXT DESIGN STAGE.
  - ASSUME EARTH EMBANKMENTS CONSTRUCTED FROM ACCEPTABLE FILL WITH 1:4 SIDE SLOPES. REQUIREMENTS FOR ANY GROUND IMPROVEMENTS TO BE CONFIRMED.
  - PARAPETS ARE 1.8m IN HEIGHT, WITH 1.2m OPEN MESH ABOVE, AS MITIGATION FOR BATS TO AVOID CONFLICT WITH BUSES.
  - OVERHEAD POWER LINES, LOCATION TO BE CONFIRMED DURING DETAILED DESIGN TO POSSIBLY AVOID CLASH WITH STRUCTURE (ASSUMED DIVERTED AT THIS STAGE).
  - RRRAP ASSESSMENT, DECK EDGE DETAILS AND PARAPET CONNECTION ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
  - MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
  - ACCESS DETERRENT FENCING TO BE PROVIDED ON DECK TO LINK TO ACCESS DETERRENT PLANTING, FORMING A BARRIER TO ACCESS FROM THE MT TO THE GB TO BE DETAILED AT NEXT DESIGN STAGE.
  - FLOOD EVENTS AND WATER LEVELS ARE SHOWN IN THE PEAK WATER LEVEL TABLE.
  - FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000013.
  - FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| FOR ISSUE                            |          |       |         |          |            |            |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Second Issue                         |          |       |         |          |            |            |
| A1                                   | CO2      | RE    | US      | AH       | GB         | 14/09/23   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED                 |          |       |         |          |            | A1         |

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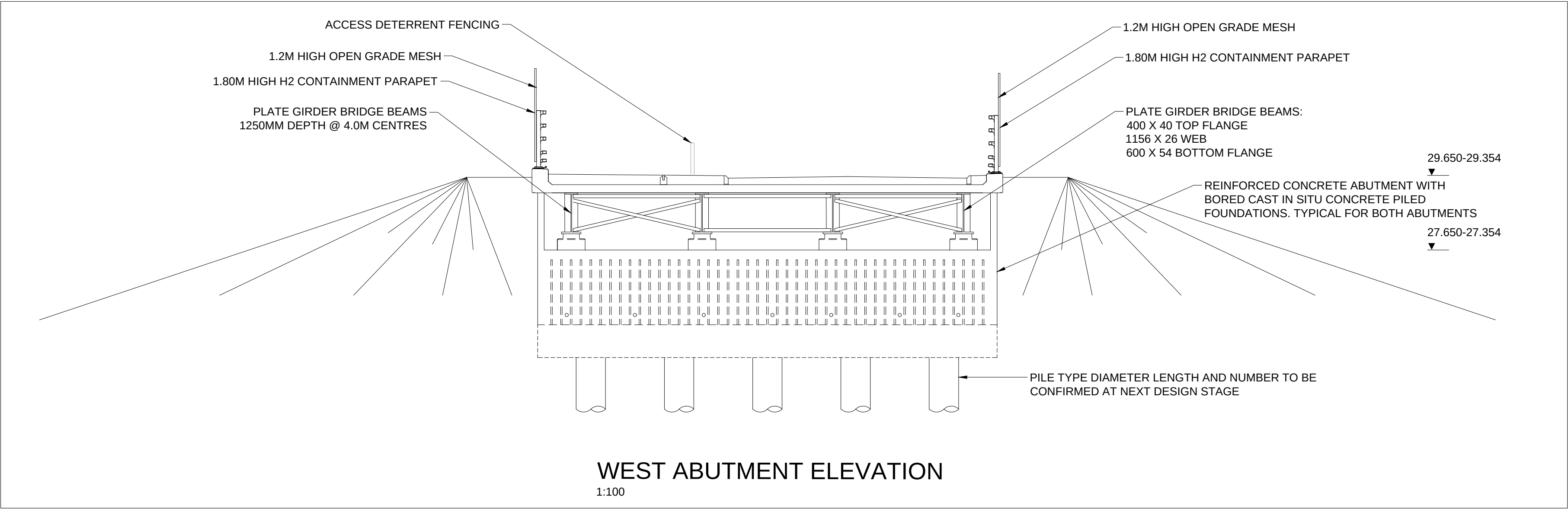
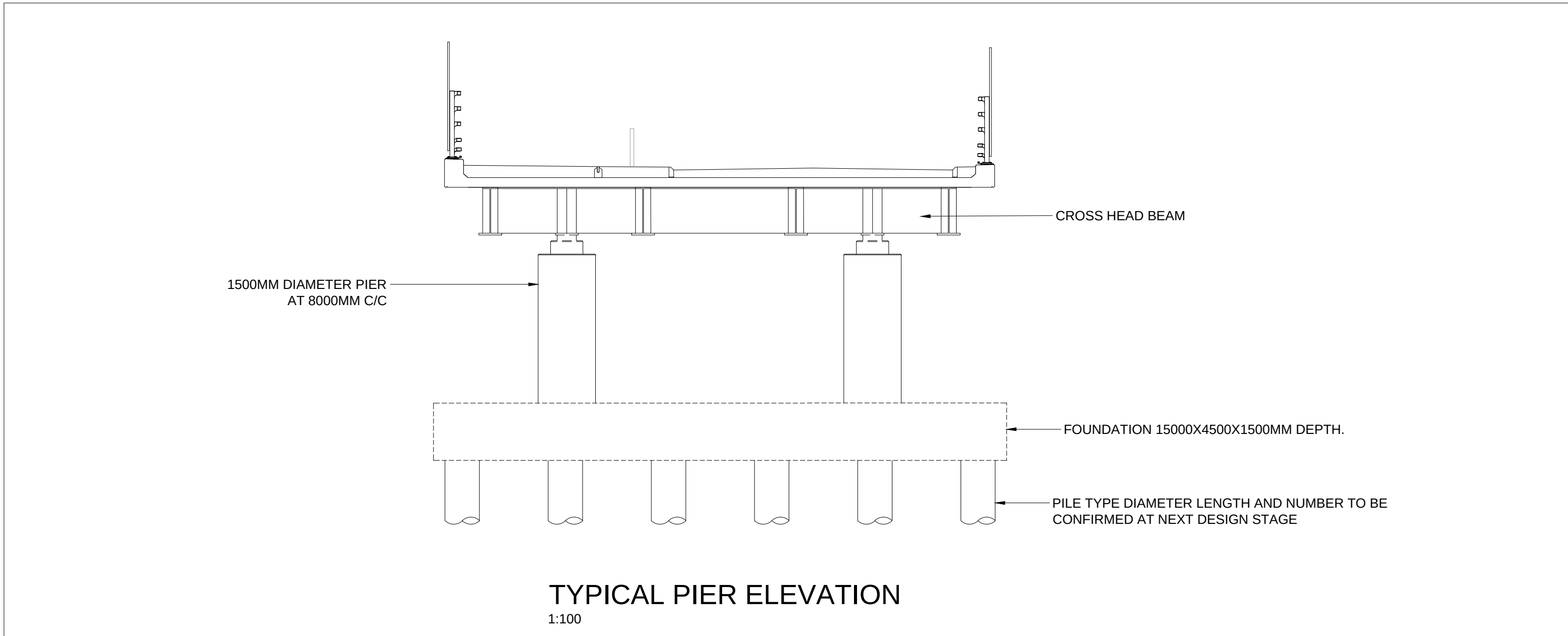
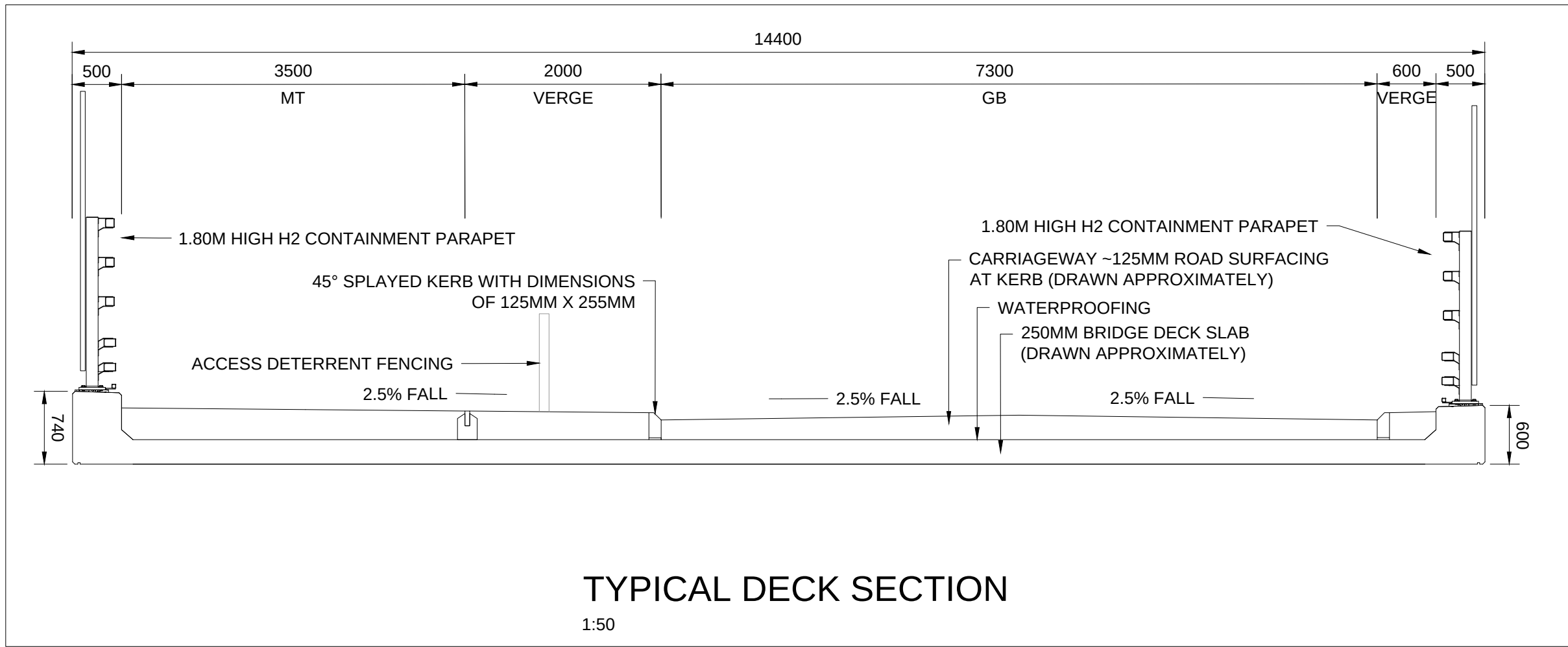
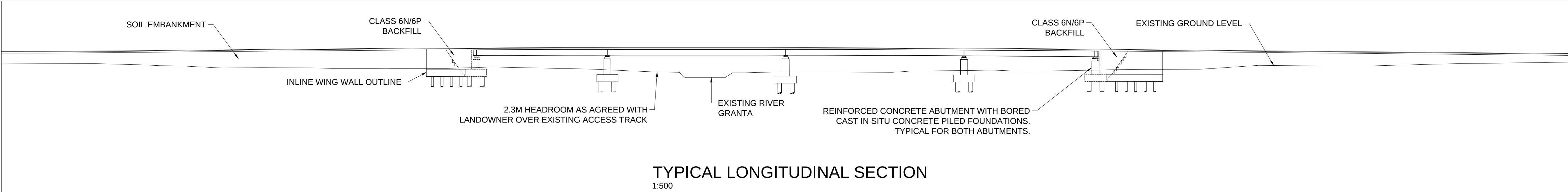
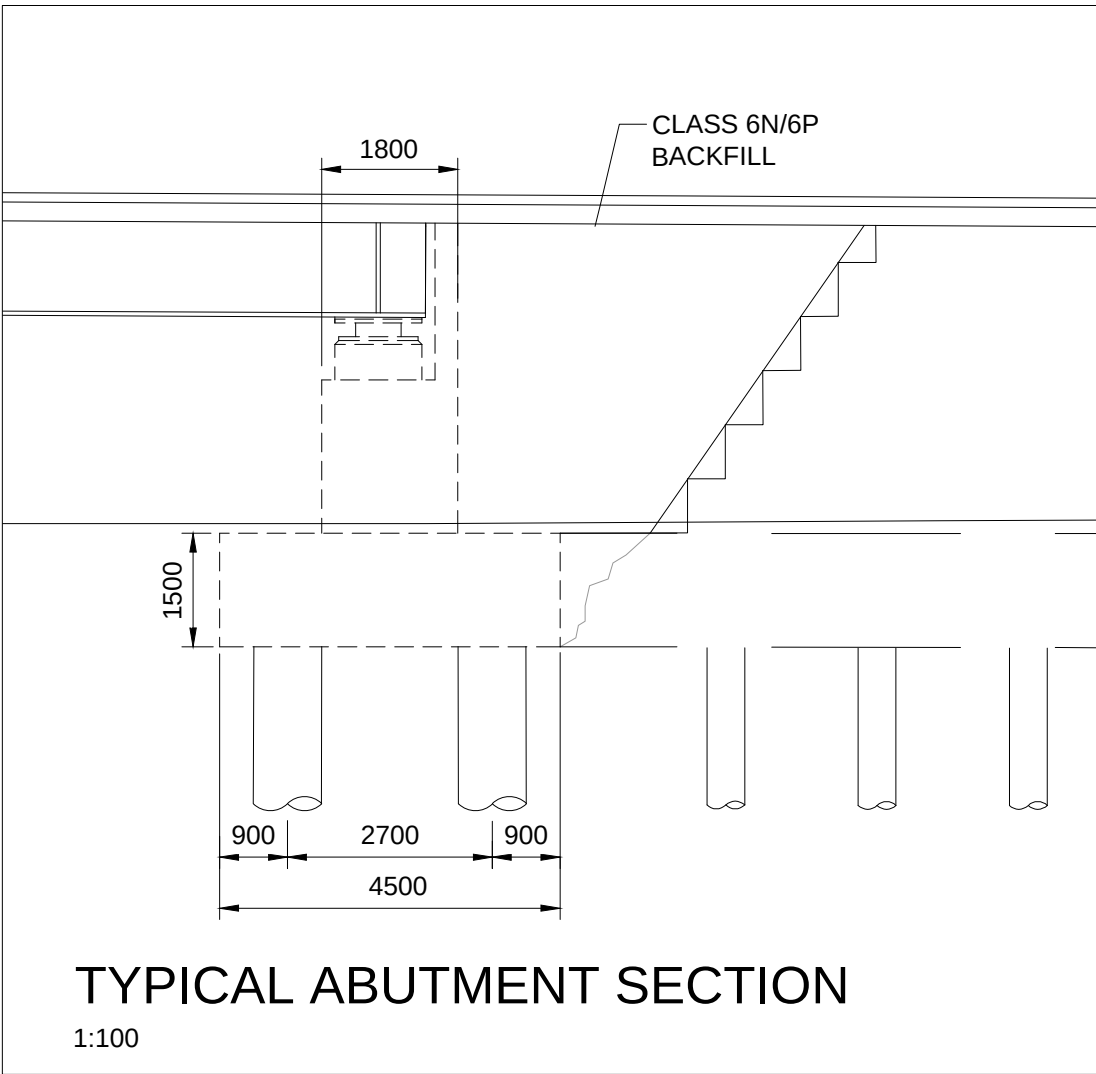
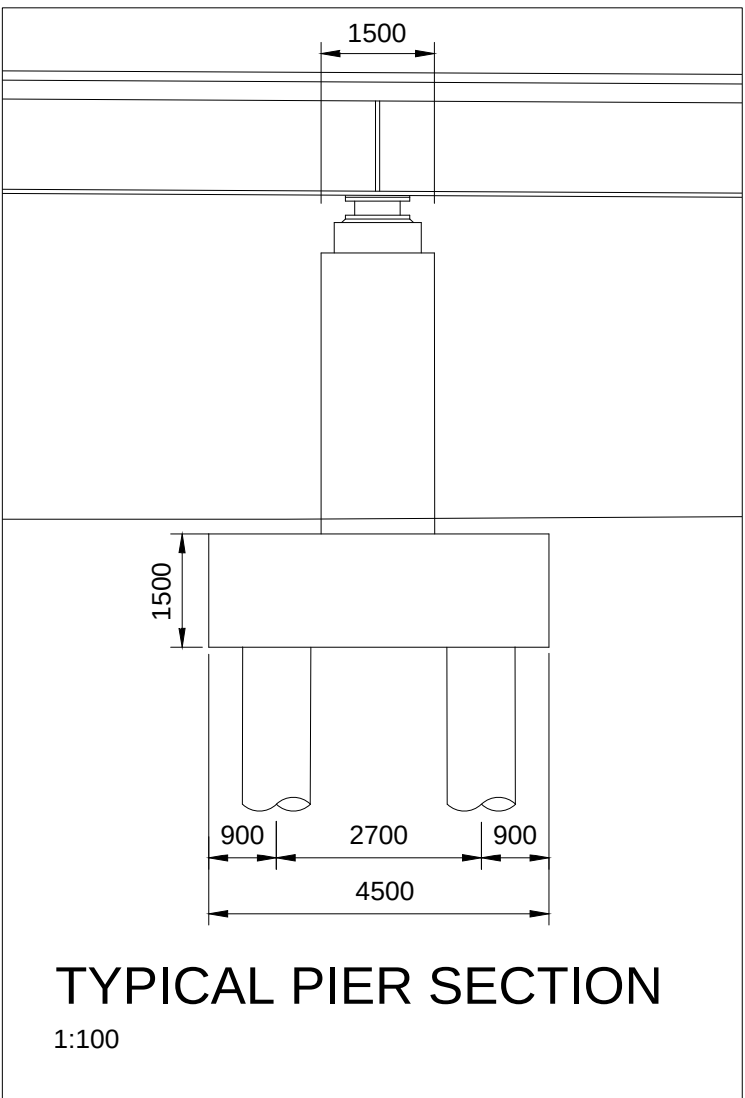
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Delivering our City Deal

Project Title  
CSET PHASE 2

Drawing Title  
CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
STRUCTURE 8 BABRAHAM VIADUCT  
GENERAL ARRANGEMENT

| Drawing Number |  | Project   |  | Originator |  | Volume |  |
|----------------|--|-----------|--|------------|--|--------|--|
| 5212868        |  | - ATK     |  | - SGN      |  | -      |  |
| Location       |  | Type      |  | Role       |  | Number |  |
| WHL_AL_SCHME   |  | - DR - CB |  | - 000009   |  |        |  |

| Original Size: | A1 | Scale: | AS SHOWN | Project Ref. No.: | 5212868 | Sheet: | 1 of 2 | Rev: | C04 |
|----------------|----|--------|----------|-------------------|---------|--------|--------|------|-----|
|----------------|----|--------|----------|-------------------|---------|--------|--------|------|-----|



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
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- OVERHEAD POWER LINES, LOCATION TO BE CONFIRMED DURING DETAILED DESIGN TO POSSIBLY AVOID CLASH WITH STRUCTURE (ASSUMED DIVERTED AT THIS STAGE).
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- MT - EMERGENCY AND MAINTENANCE ACCESS TRACK  
GB - GUIDED BUSWAY  
VRS - VEHICLE RESTRAINT SYSTEM
- ACCESS DETERRENT FENCING TO BE PROVIDED ON DECK TO LINK TO ACCESS DETERRENT PLANTING, FORMING A BARRIER TO ACCESS FROM THE MT TO THE GB TO BE DETAILED AT NEXT DESIGN STAGE.
- FLOOD EVENTS AND WATER LEVELS ARE SHOWN IN THE PEAK WATER LEVEL TABLE.
- FOR DEEMED PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000013.
- FOR LOCATION PLAN REFER TO DRAWING NUMBER 5212868-ATK-GEN-WHL\_AL-DR-ZL-000017.



| Description                          |          |       |         |          |            |            |
|--------------------------------------|----------|-------|---------|----------|------------|------------|
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| FOR ISSUE                            |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO1      | RF    | ST      | DW       | GB         | 15/11/22   |
| Second Issue                         |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO2      | RE    | US      | DW       | GB         | 15/09/23   |
| Description                          |          |       |         |          |            |            |
| TWA0 Application Oct 2024 Submission |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO3      | AK    | KS      | RJ       | EK         | 04/10/24   |
| Description                          |          |       |         |          |            |            |
| TWA0 JANUARY 2025                    |          |       |         |          |            |            |
| Status                               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                                   | CO4      | AK    | KS      | EK       | EK         | 07/01/25   |
| Drawing Suitability                  |          |       |         |          | Status     |            |
| APPROVED - PUBLISHED                 |          |       |         |          | A1         |            |

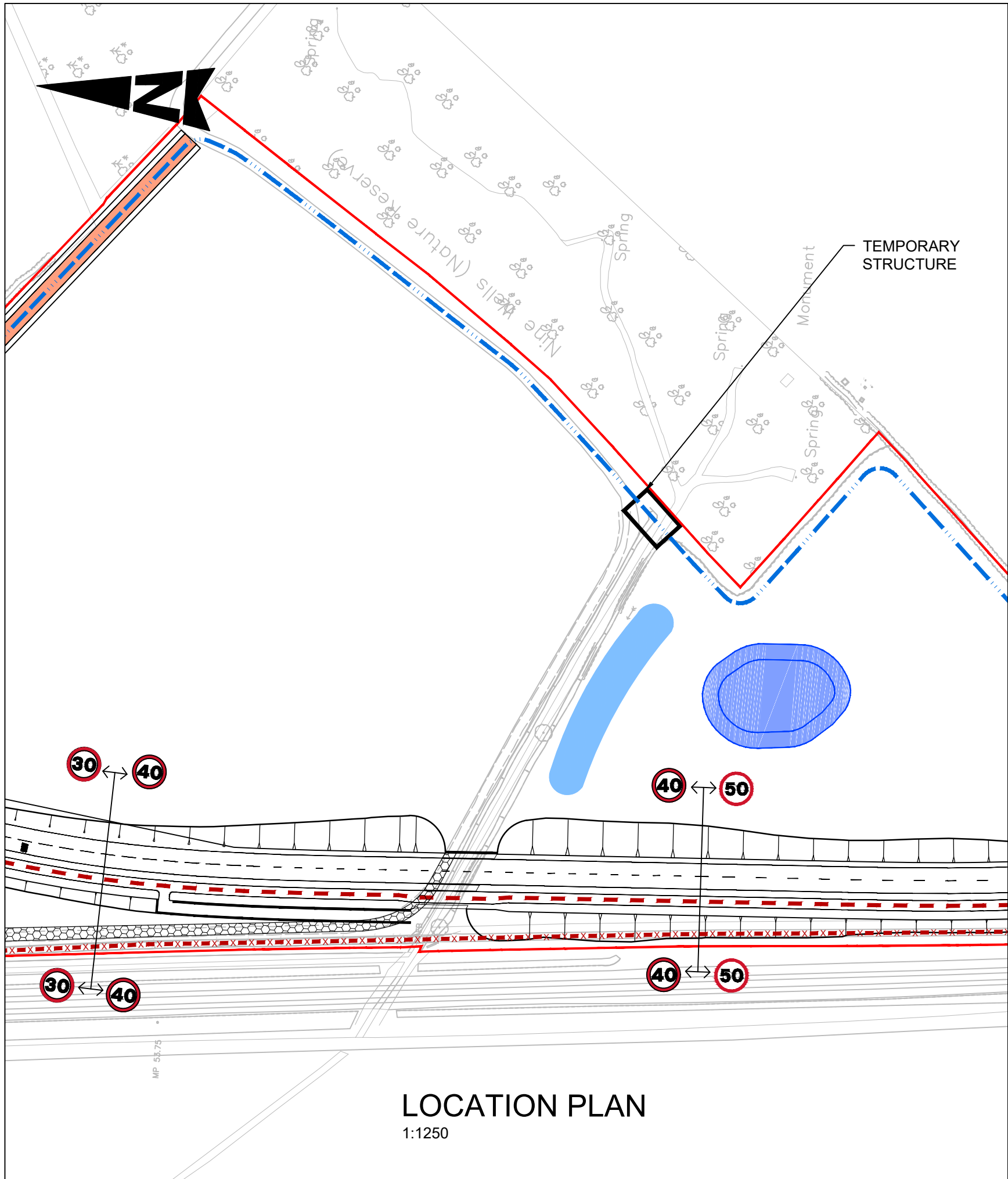
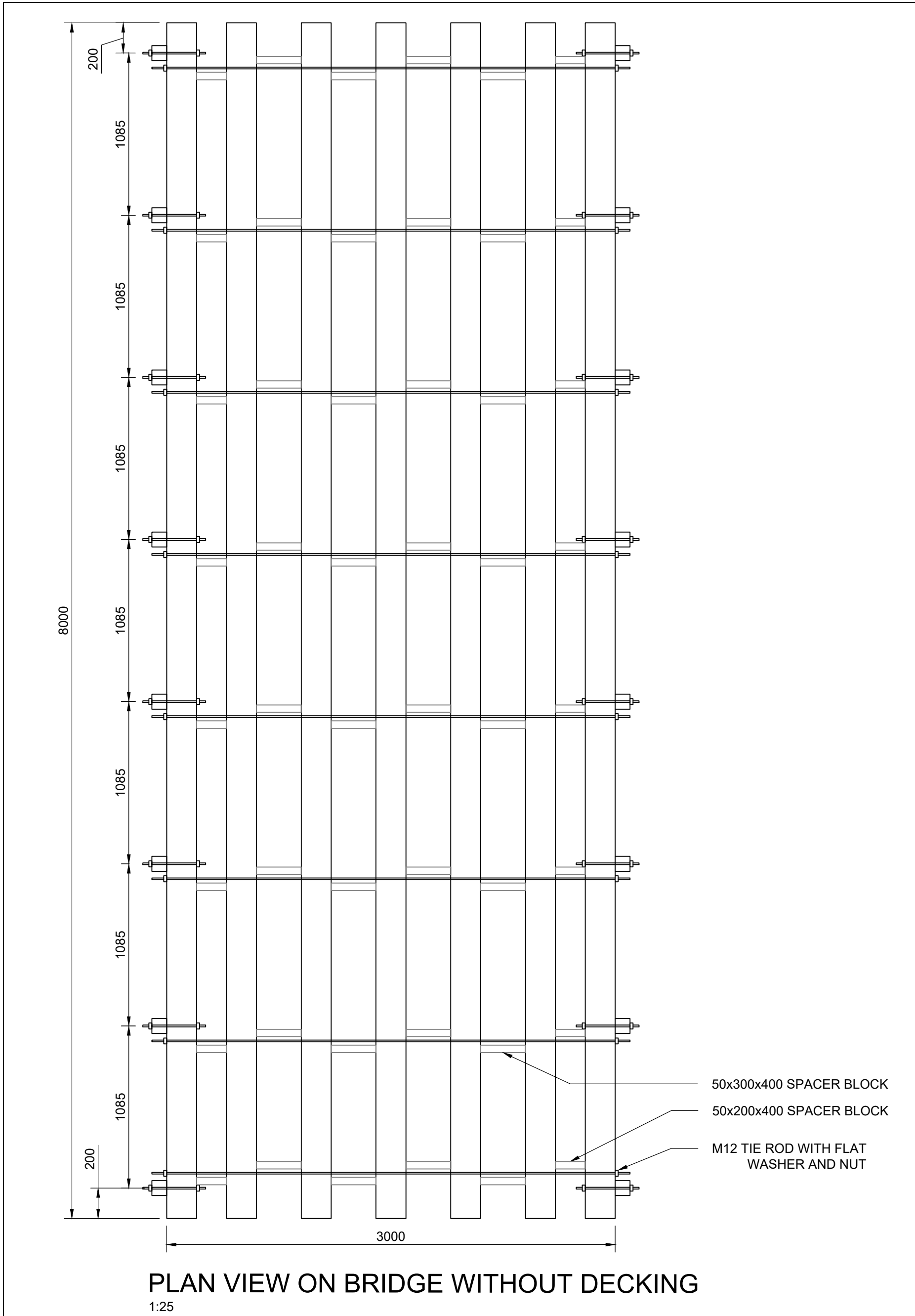
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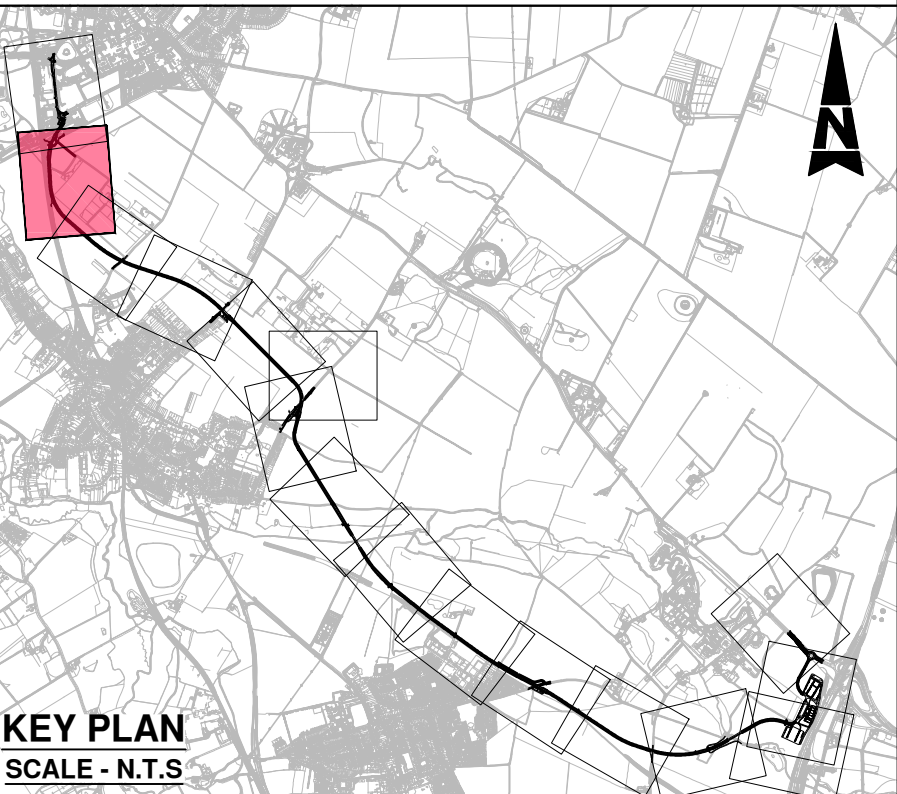
Client

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| Project Title                                                                                      |          |                   |        |      |     |  |
|----------------------------------------------------------------------------------------------------|----------|-------------------|--------|------|-----|--|
| CSET PHASE 2                                                                                       |          |                   |        |      |     |  |
| Drawing Title                                                                                      |          |                   |        |      |     |  |
| CAMBRIDGE SOUTH EAST TRANSPORT<br>PHASE 2<br>STRUCTURE 8 BABRAHAM VIADUCT<br>ELEVATIONS & SECTIONS |          |                   |        |      |     |  |
| Drawing Number                                                                                     |          |                   |        |      |     |  |
| Project 5212868 - ATK - SGN -                                                                      |          |                   |        |      |     |  |
| Location                                                                                           |          |                   |        |      |     |  |
| WHL_AL_SCHME - DR - CB - 000010                                                                    |          |                   |        |      |     |  |
| Original Size:                                                                                     | Scale:   | Project Ref. No.: | Sheet: | Rev. | C04 |  |
| A1                                                                                                 | AS SHOWN | 5212868           | 2 of 2 |      |     |  |



- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
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  3. RRRAP ASSESSMENT AND THE DECK EDGE DETAILS ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE TO ENSURE THEY ARE APPROPRIATE AND COMPATIBLE.
  4. DESIGN FLOOD LEVELS ARE TAKEN FROM DRAWING 5212868-ATK-SGN-WHL\_AL-SCHME-DR-DB-000001 AND ARE TO BE REVIEWED AT THE NEXT DESIGN STAGE.



| Description          |          |       |         |          |            |            |
|----------------------|----------|-------|---------|----------|------------|------------|
| Status               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description          |          |       |         |          |            |            |
| Status               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description          |          |       |         |          |            |            |
| Status               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description          |          |       |         |          |            |            |
| Status               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| Description          |          |       |         |          |            |            |
| TWA0 JANUARY 2025    |          |       |         |          |            |            |
| Status               | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date |
| A1                   | CO1      | VK    | KS      | EK       | EK         | 08/01/25   |
| Drawing Suitability  |          |       |         |          |            | Status     |
| APPROVED - PUBLISHED |          |       |         |          |            | A1         |

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Project Title

CSET PHASE 2

Drawing Title

CAMBRIDGE SOUTH EAST TRANSPORT  
PHASE 2  
TEMPORARY HOBSON'S CONDUIT CROSSING  
GENERAL ARRANGEMENT

| Drawing Number    |  | Originator      |                          | Volume        |          |
|-------------------|--|-----------------|--------------------------|---------------|----------|
| Project           |  | - ATK           |                          | - SGN         |          |
| 5212868           |  | - DR - CB       |                          | - 000011      |          |
| Location          |  | Type            | Role                     | Number        |          |
| Original Size: A1 |  | Scale: AS SHOWN | Project Ref. No: 5212868 | Sheet: 1 of 1 | Rev: C01 |

