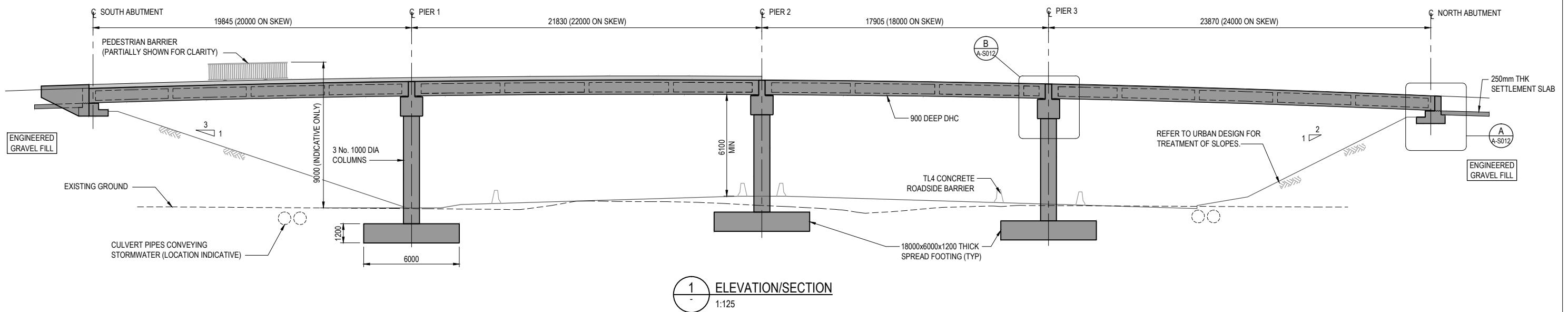


A BRIDGE PLAN
1:250



KEY PLAN
NTS

| WEEDONS ROAD UNDERPASS | |
|------------------------|---------------------|
| 62236-A-S011 | GENERAL ARRANGEMENT |
| 62236-A-S012 | ELEVATION & DETAIL |



1 ELEVATION/SECTION
1:125

FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



NZ TRANSPORT AGENCY
WAKA KOTAHI



DO NOT SCALE

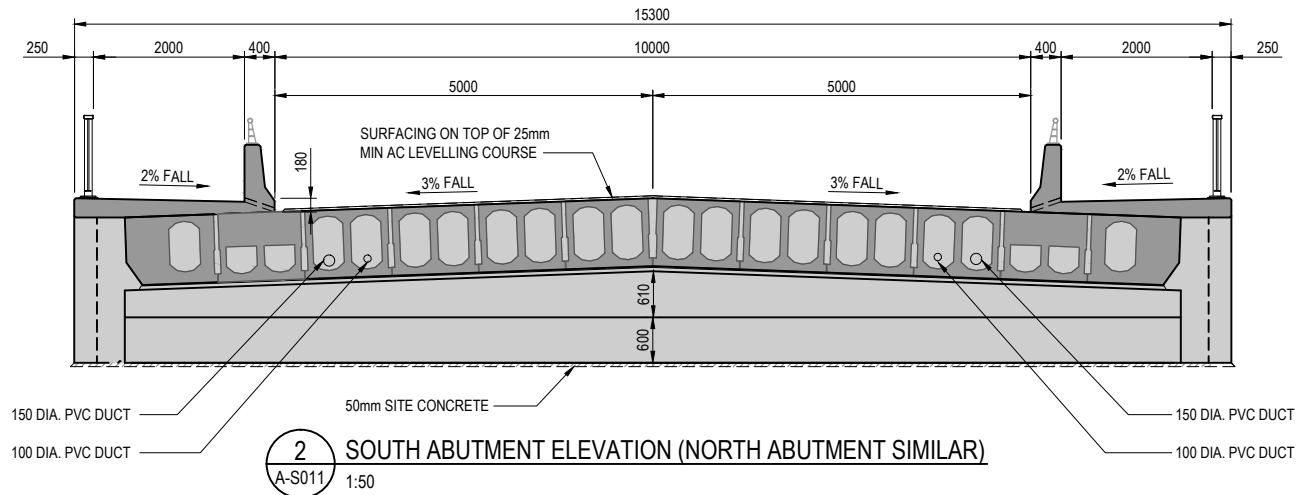
This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.

| | | | |
|----------|------------|----------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting | VWL | Design | NLS |
| Check | | Check | |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

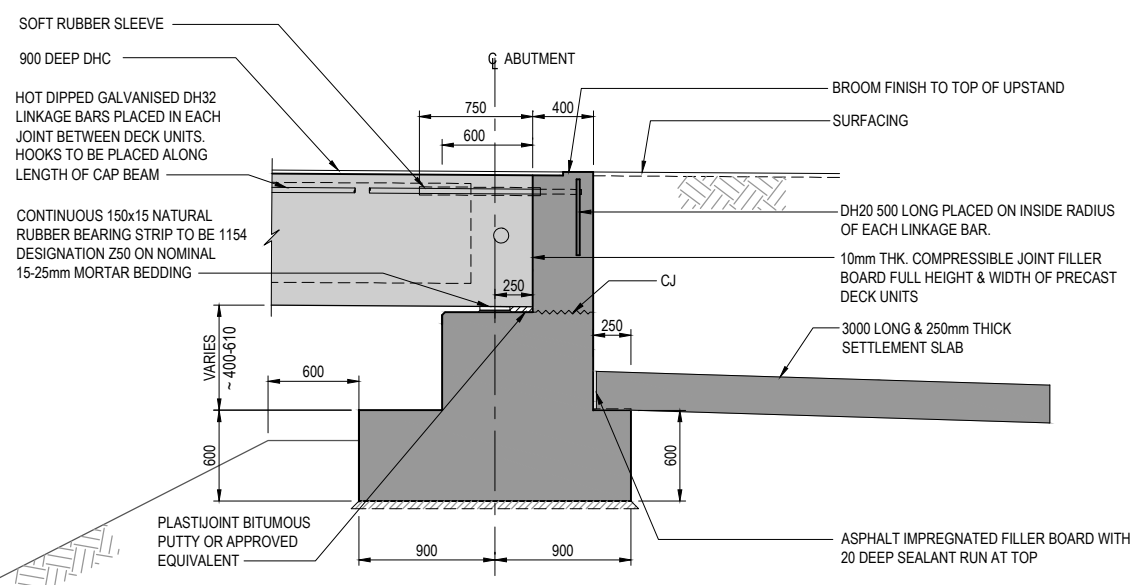
Client **NEW ZEALAND TRANSPORT AGENCY**
Project **SH1 REGION 11 RP350/3.92 TO RP365/2.11**
Title **MAIN SOUTH ROAD FOUR LANING**
G.A. - WEEDONS ROAD UNDERPASS

Drawing No: **62236-A-S011**

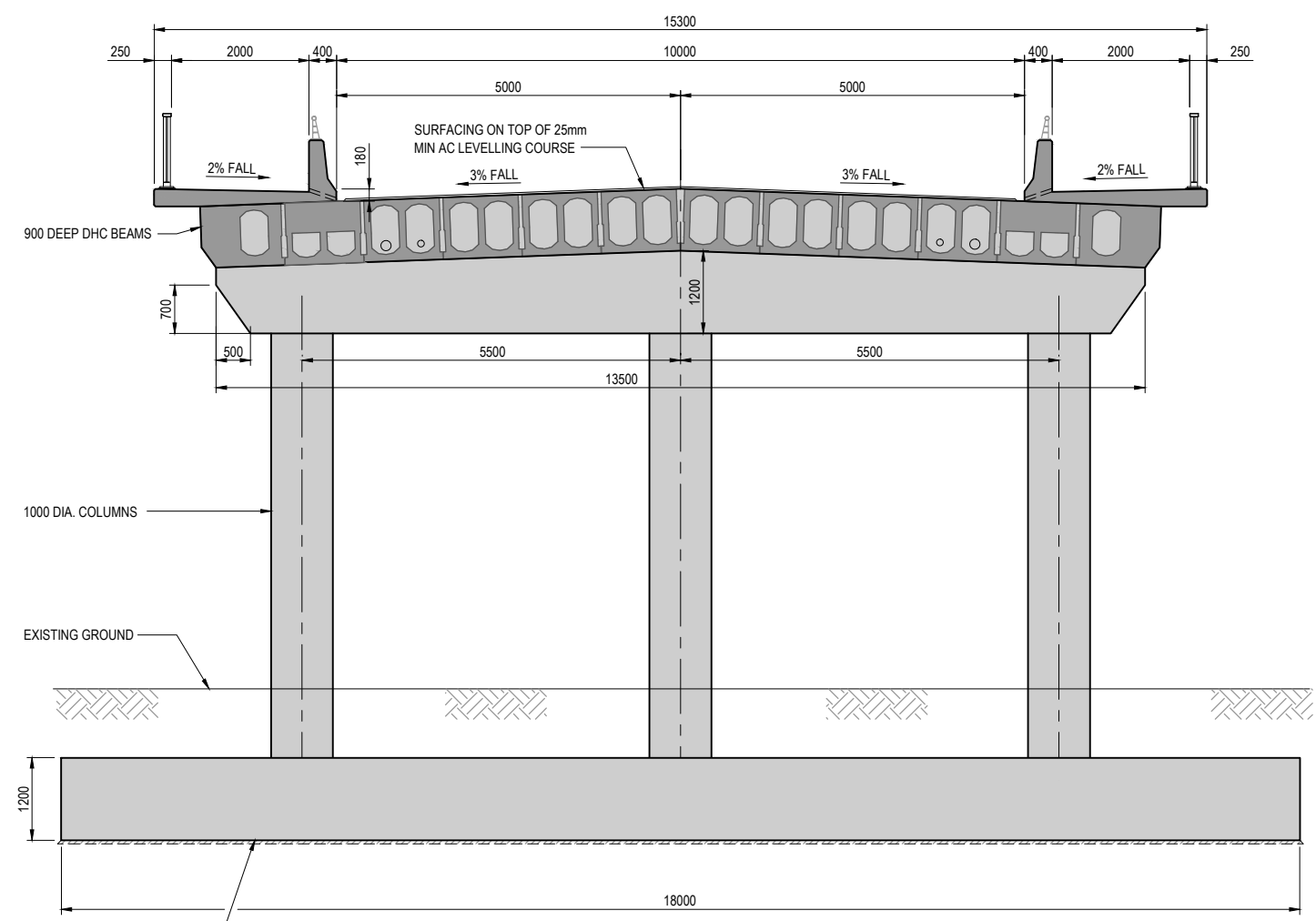
Rev: **0**



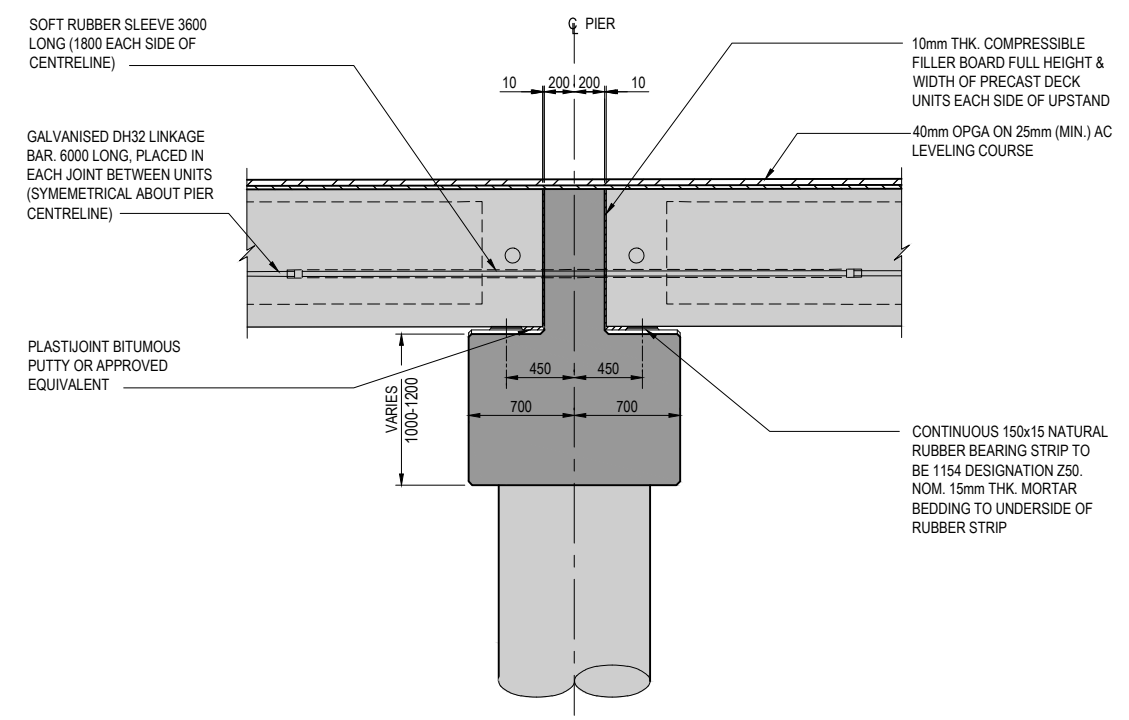
2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
A-S011 1:50



A DETAIL
A-S011 1:25



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
A-S011 1:50



B DETAIL
A-S011 1:25

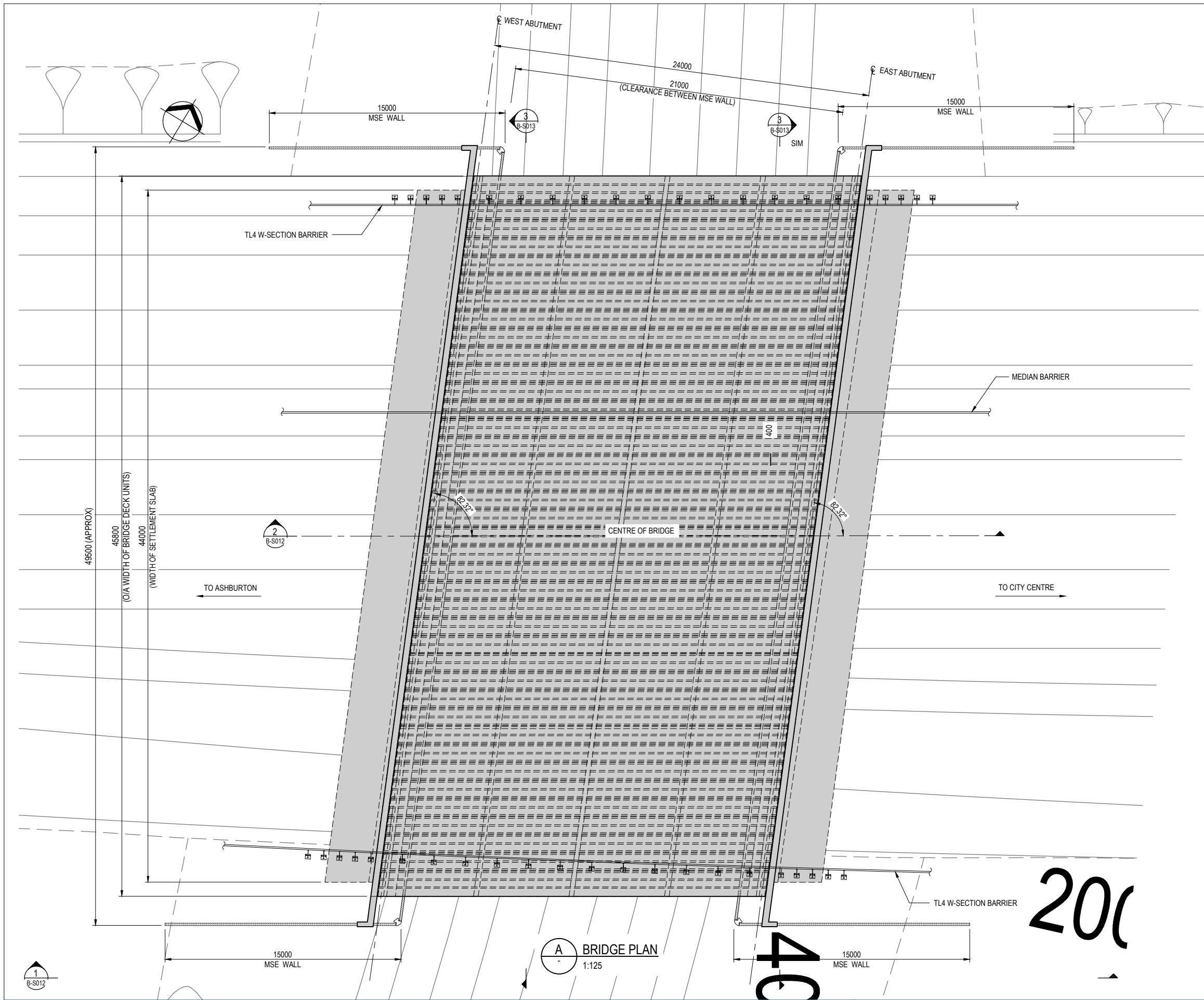
FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|----------|
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



| | | |
|---|---------------------|--|
| DO NOT SCALE | Drawn JRO | Designed VWL |
| This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement. | Drafting VWL | Design Check NLS |
| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |
| | A3 Scale | |

| | |
|-------------|--|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | MAIN SOUTH ROAD FOUR LANE ELEV. & DETAIL - WEEDONS ROAD UNDERPASS |
| Drawing No: | 62236-A-S012 |
| Rev: | 0 |



KEY PLAN
NTS

ROBINSONS ROAD OVERPASS

| | |
|--------------|---------------------|
| 62236-B-S011 | GENERAL ARRANGEMENT |
| 62236-B-S012 | ELEVATION & SECTION |
| 62236-B-S013 | SECTION |

NOTES:

CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

A BRIDGE PLAN
1:125

200

40

FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |

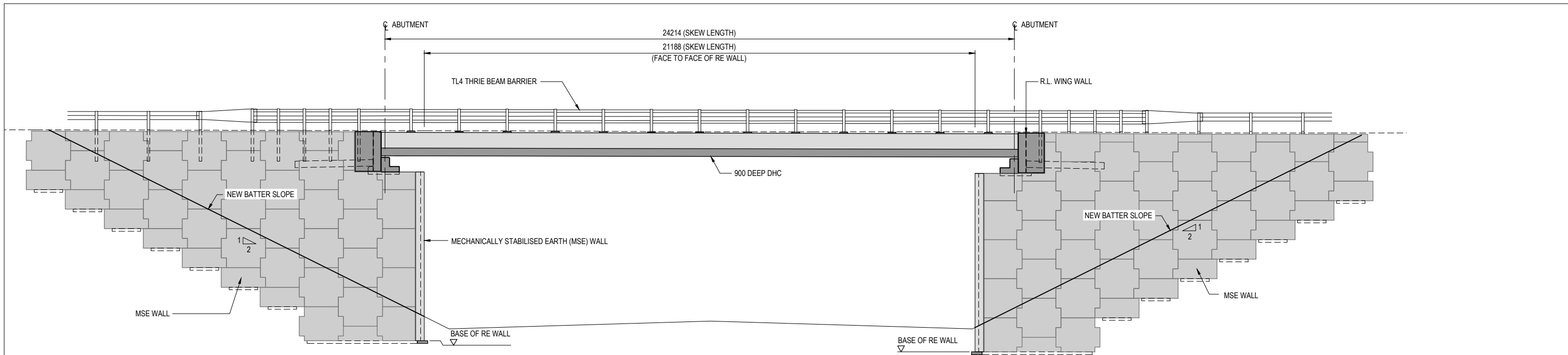


DO NOT SCALE

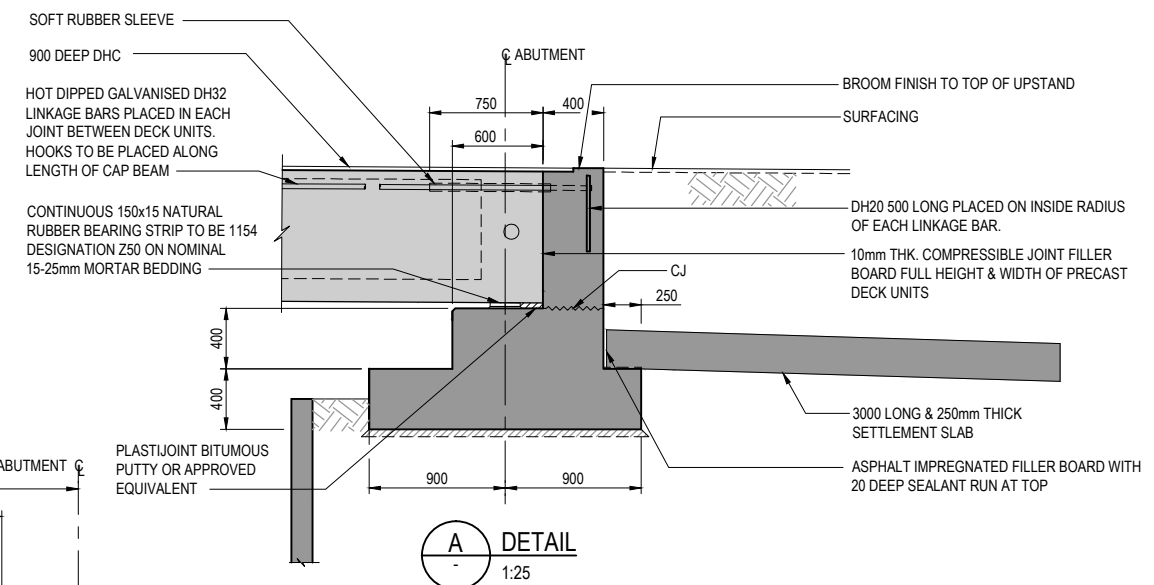
This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person.
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| | | | |
|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

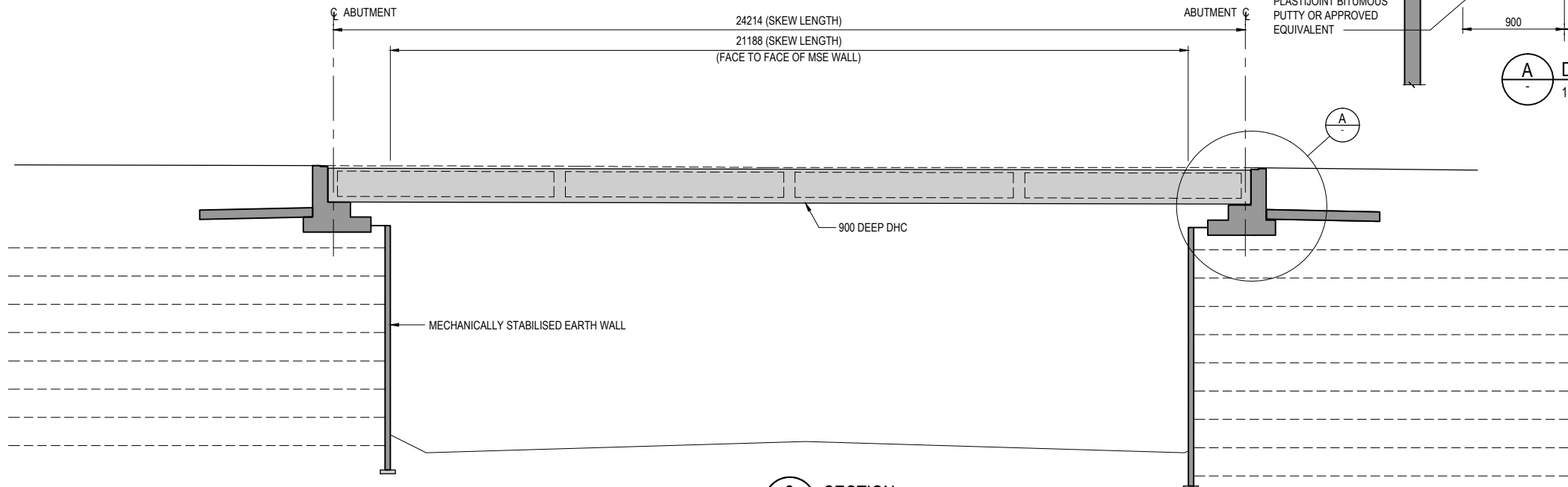
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|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 | | |
| Title | G.A. - ROBINSONS ROAD OVERPASS | | |
| Drawing No: | 62236-B-S011 | | Rev: 0 |



1 SOUTH ELEVATION
B-S011 1:75



A DETAIL
1:25



2 SECTION
B-S011 1:75

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

FOR CONSENT

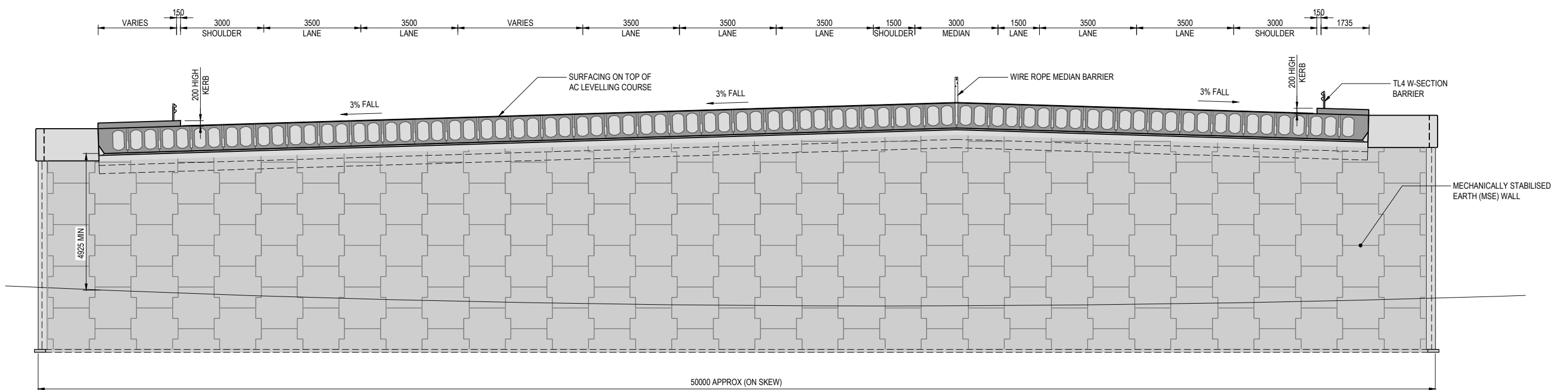
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|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



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| | | | |
|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEV. & SECTION - ROBINSONS ROAD OVERPASS | | |
| Drawing No: | 62236-B-S012 | | Rev: 0 |



3 WEST ABUTMENT ELEVATION (EAST ABUTMENT ELEVATION SIMILAR)
B-S011 1:75

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

FOR CONSENT

| | | | | | |
|----|-------------|-------|---------|----------|----------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 |
| No | Revision | Drawn | Checked | Approved | Date |



NZ TRANSPORT AGENCY
WAKA KOTAHI

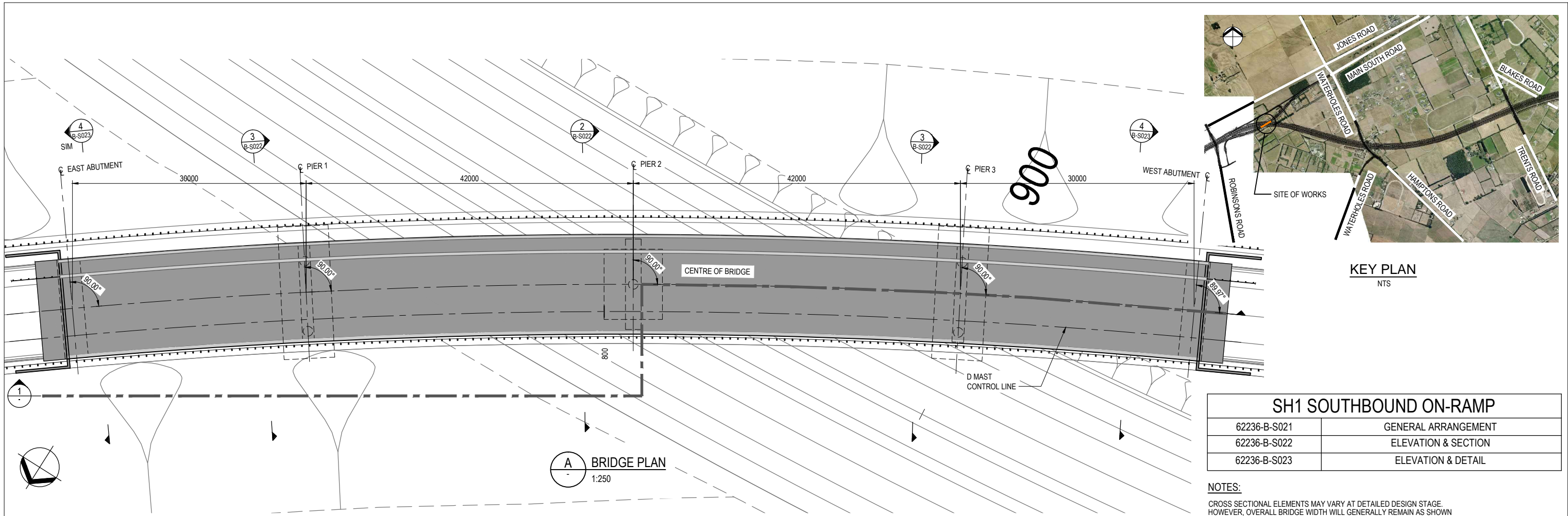


DO NOT SCALE

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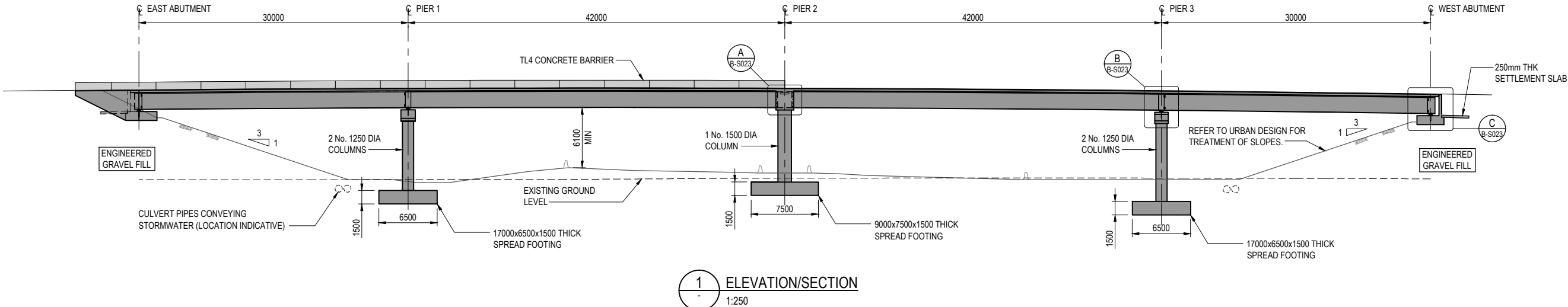
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| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 SECTION - ROBINSONS ROAD OVERPASS | | |
| Drawing No: | 62236-B-S013 | | Rev: 0 |



| SH1 SOUTHBOUND ON-RAMP | |
|------------------------|---------------------|
| 62236-B-S021 | GENERAL ARRANGEMENT |
| 62236-B-S022 | ELEVATION & SECTION |
| 62236-B-S023 | ELEVATION & DETAIL |

NOTES:
 CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN



FOR CONSENT

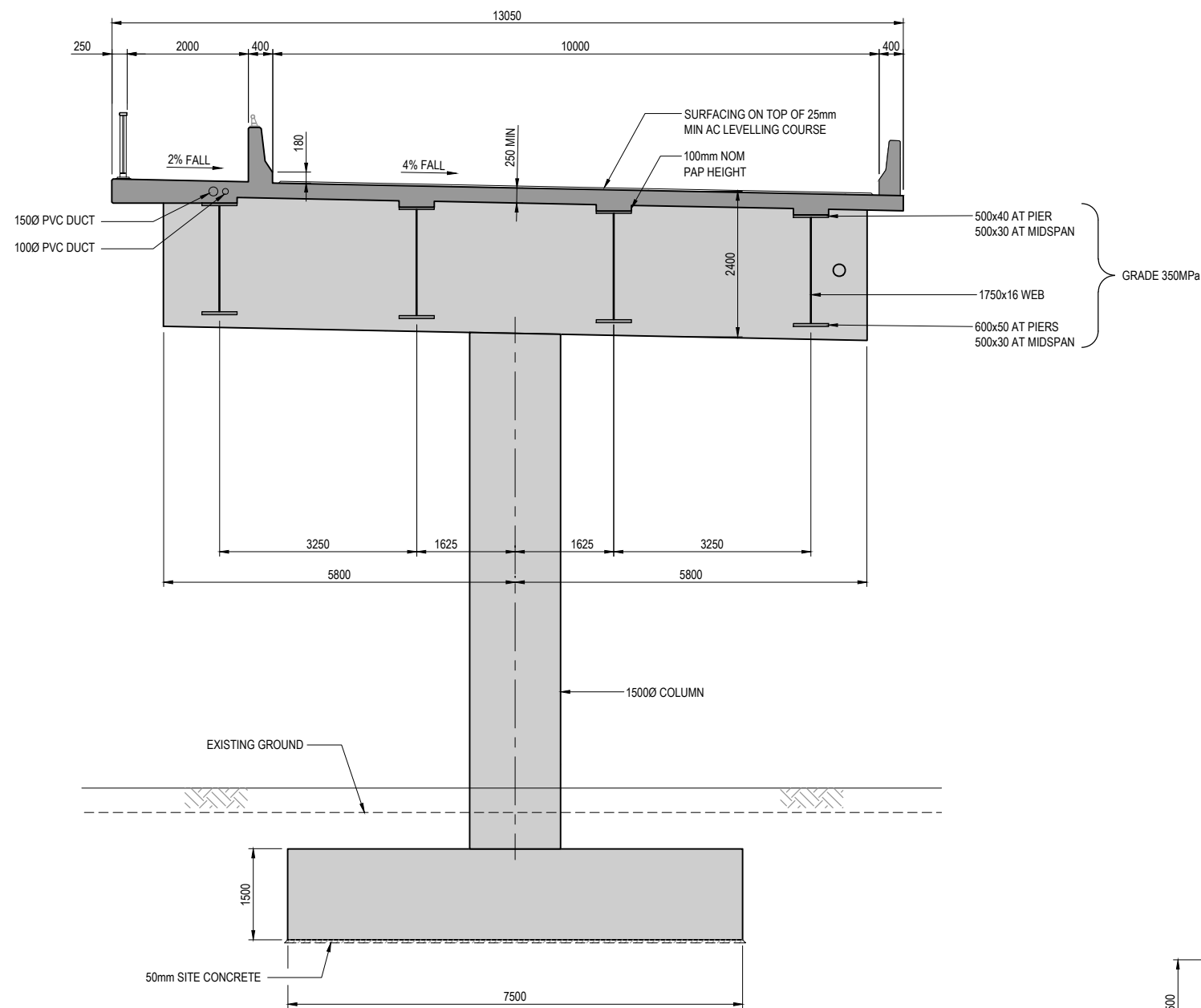
| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



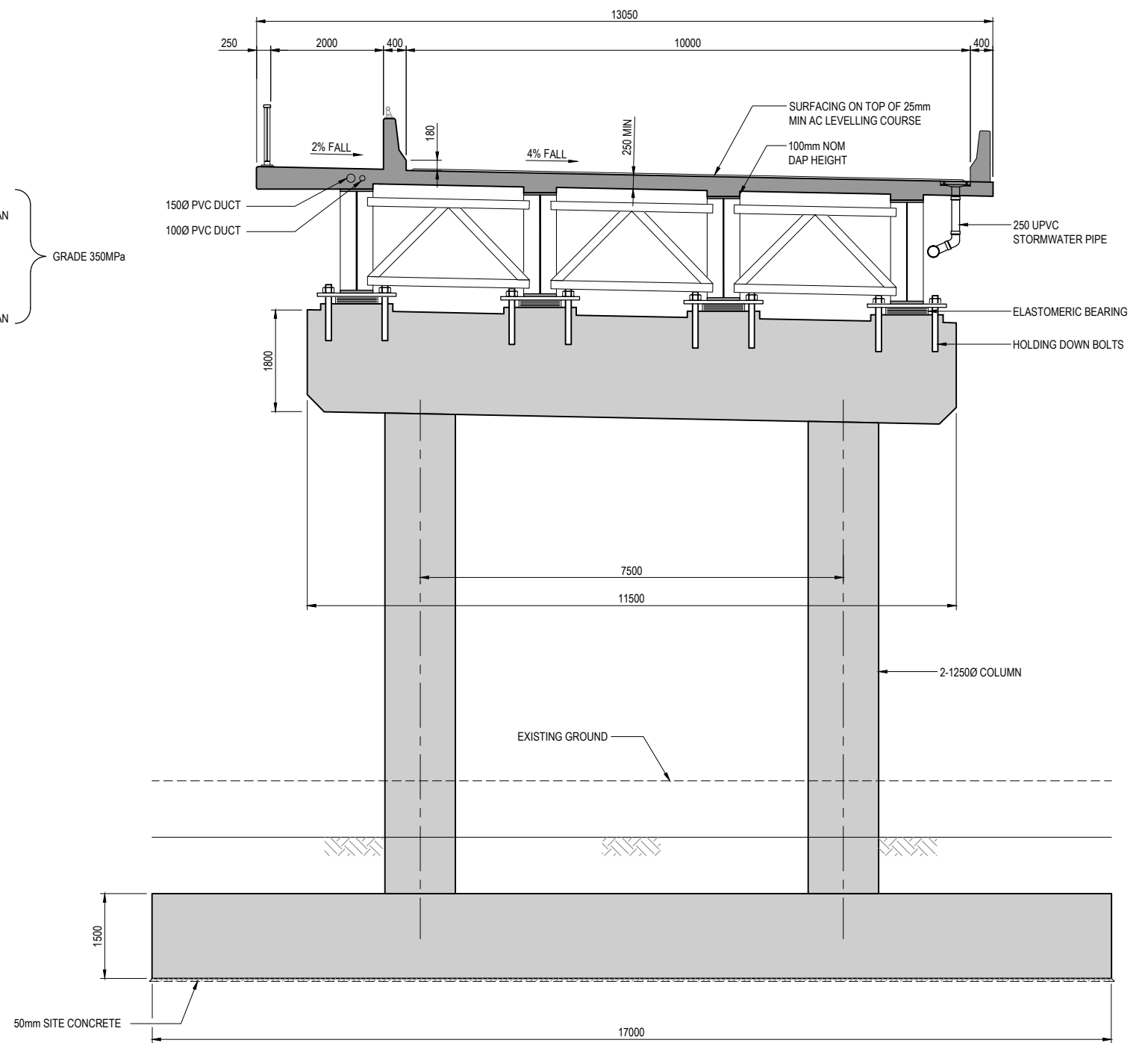
DO NOT SCALE
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Drawn JRO
 Designed VWL
 Drafting VWL
 Check Design NLS
 Approved GARY PAYNE
 Date 29.08.12
 A1 Scale AS SHOWN
 A3 Scale

Client **NEW ZEALAND TRANSPORT AGENCY**
 Project **SH1 REGION 11 RP350/3.92 TO RP365/2.11 CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2**
 Title **G.A. - SH1 SOUTHBOUND ON-RAMP**
 Drawing No: **62236-B-S021**
 Rev: **0**



2 PIER 2 ELEVATION
B-S021 1:50



3 PIER 1 ELEVATION (PIER 3 SIMILAR)
B-S021 1:50

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

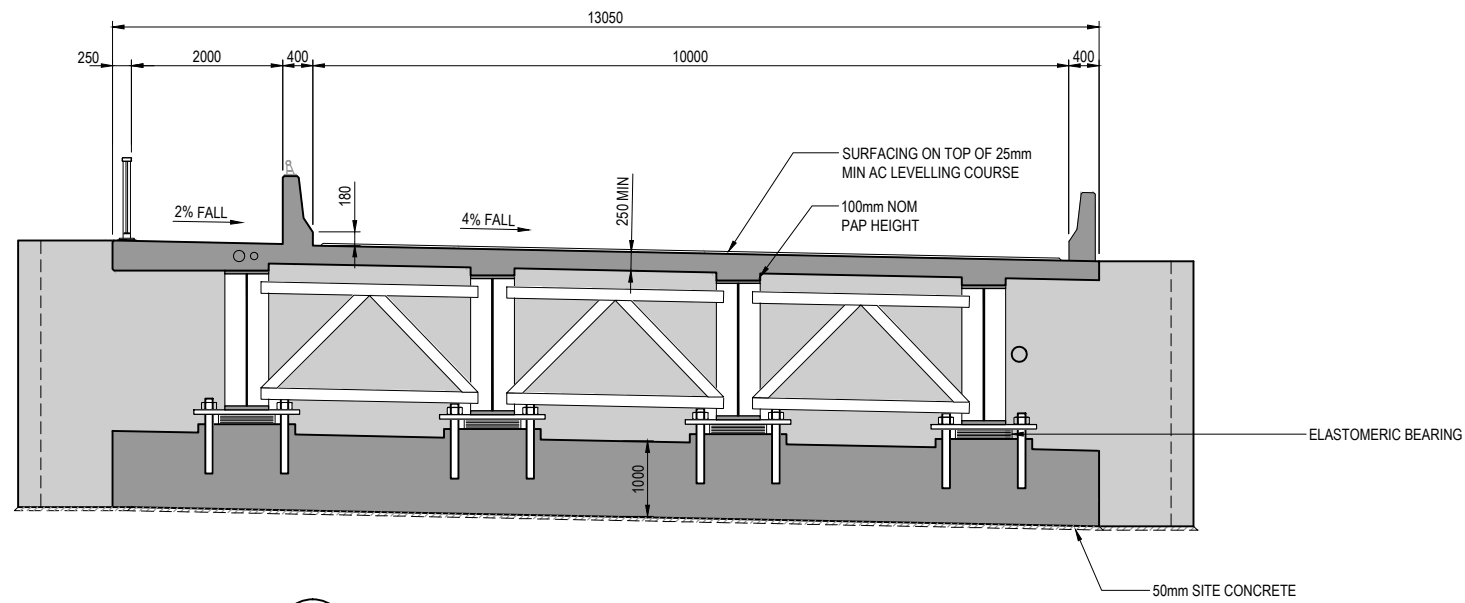
FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |

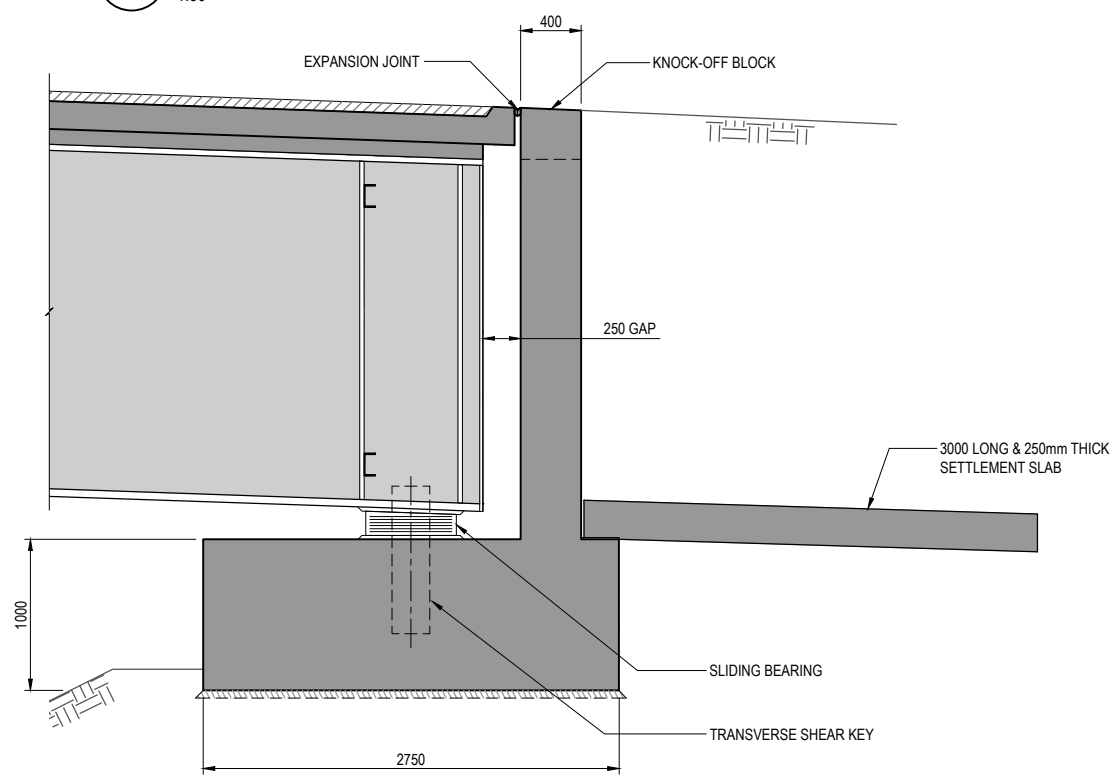


| | | |
|--|---------------------|--|
| DO NOT SCALE | Drawn JRO | Designed VWL |
| <small>This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.</small> | Drafting VWL | Design Check NLS |
| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |
| | A3 Scale | |

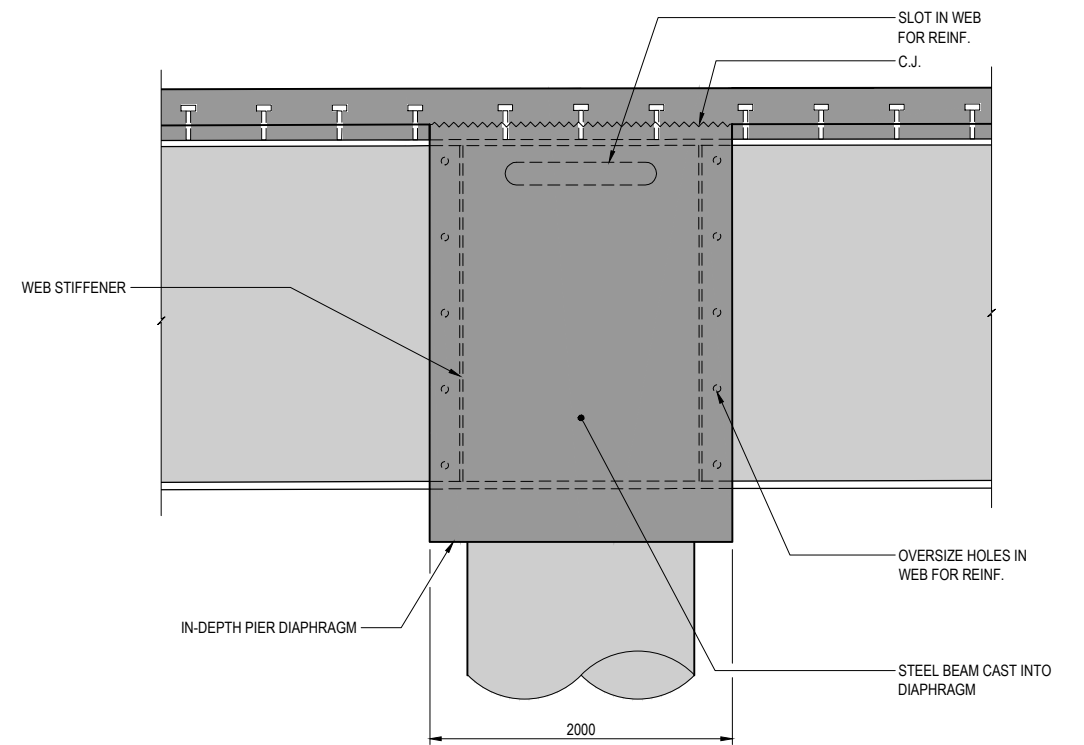
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|-------------|--|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEV. & SECTION - SH1 SOUTHBOUND ON-RAMP |
| Drawing No: | 62236-B-S022 |
| Rev: | 0 |



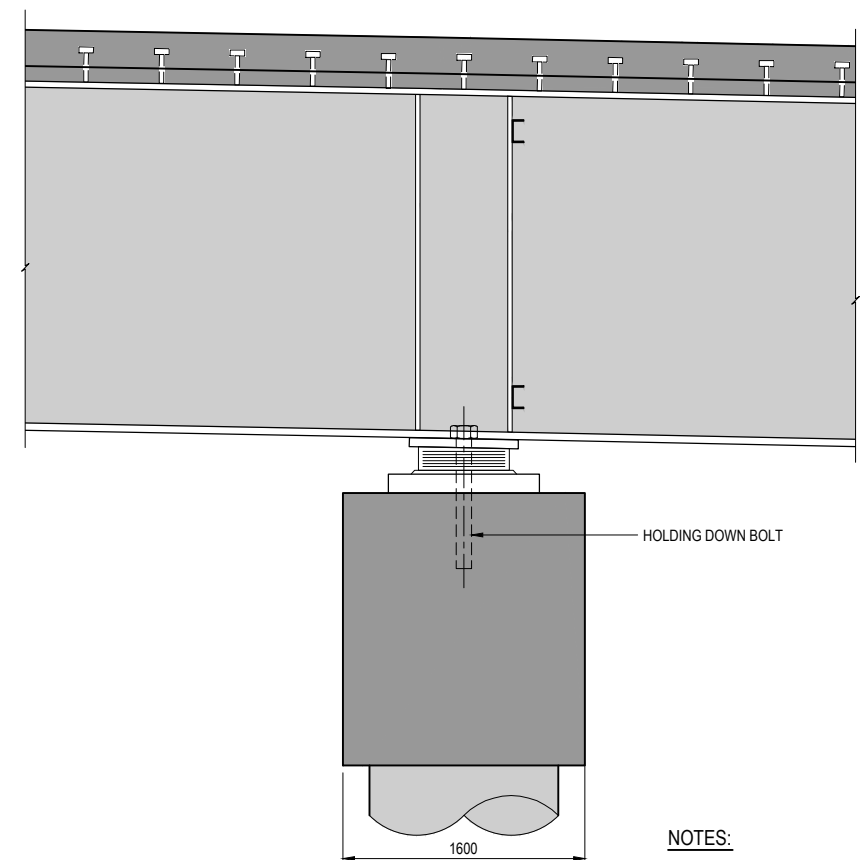
4 WEST ABUTMENT ELEVATION (EAST ABUTMENT SIMILAR)
B-S021 1:50



A DETAIL
B-S021 1:25



B DETAIL
B-S021 1:25



C DETAIL
B-S021 1:25

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

FOR CONSENT

| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |

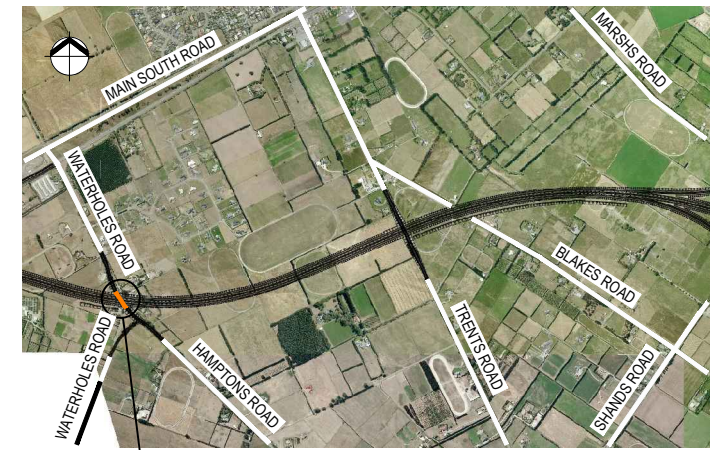
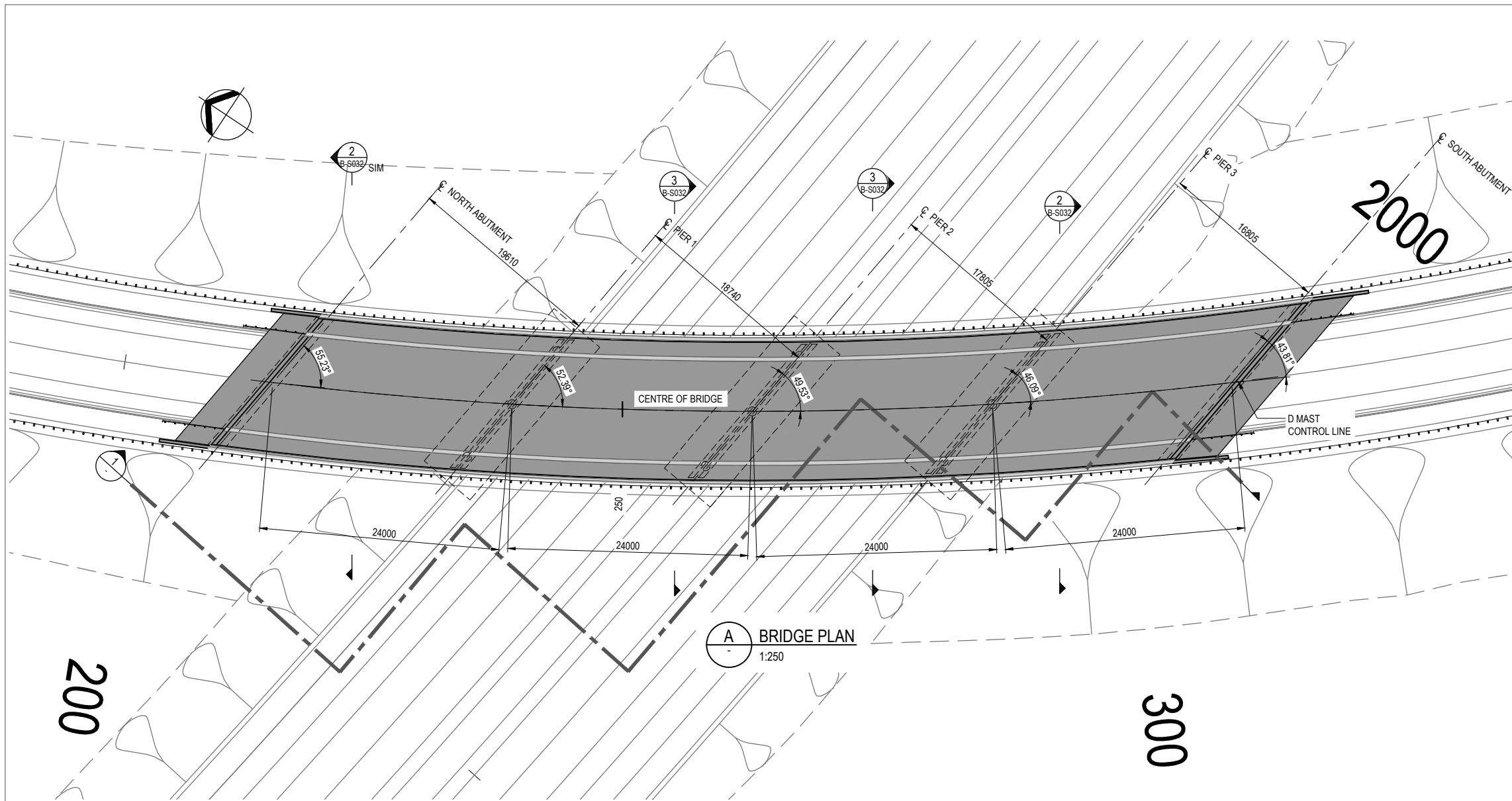


DO NOT SCALE

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| | | | |
|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEV. & DETAIL - SH1 SOUTHBOUND ON-RAMP | | |
| Drawing No: | 62236-B-S023 | | Rev: 0 |



KEY PLAN
NTS

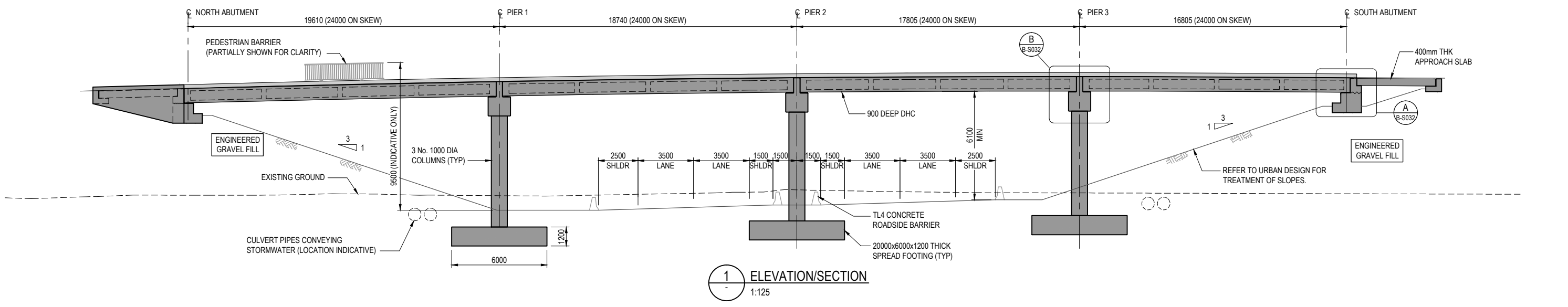
| WATERHOLES ROAD UNDERPASS | |
|---------------------------|---------------------|
| 62236-B-S031 | GENERAL ARRANGEMENT |
| 62236-B-S032 | ELEVATION & DETAIL |

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

200

300

A BRIDGE PLAN
1:250



1 ELEVATION/SECTION
1:125

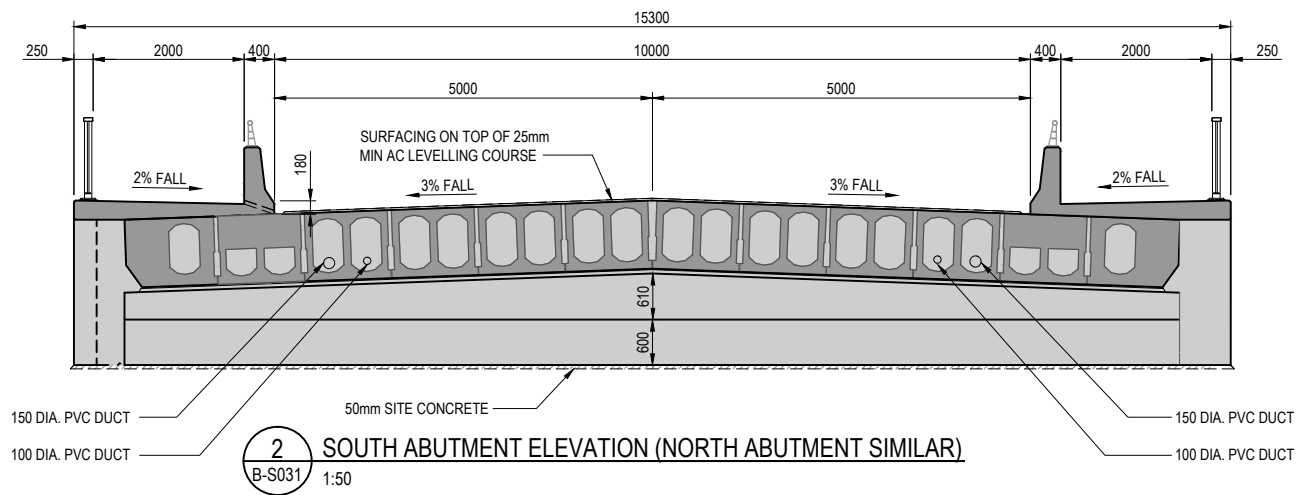
FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |

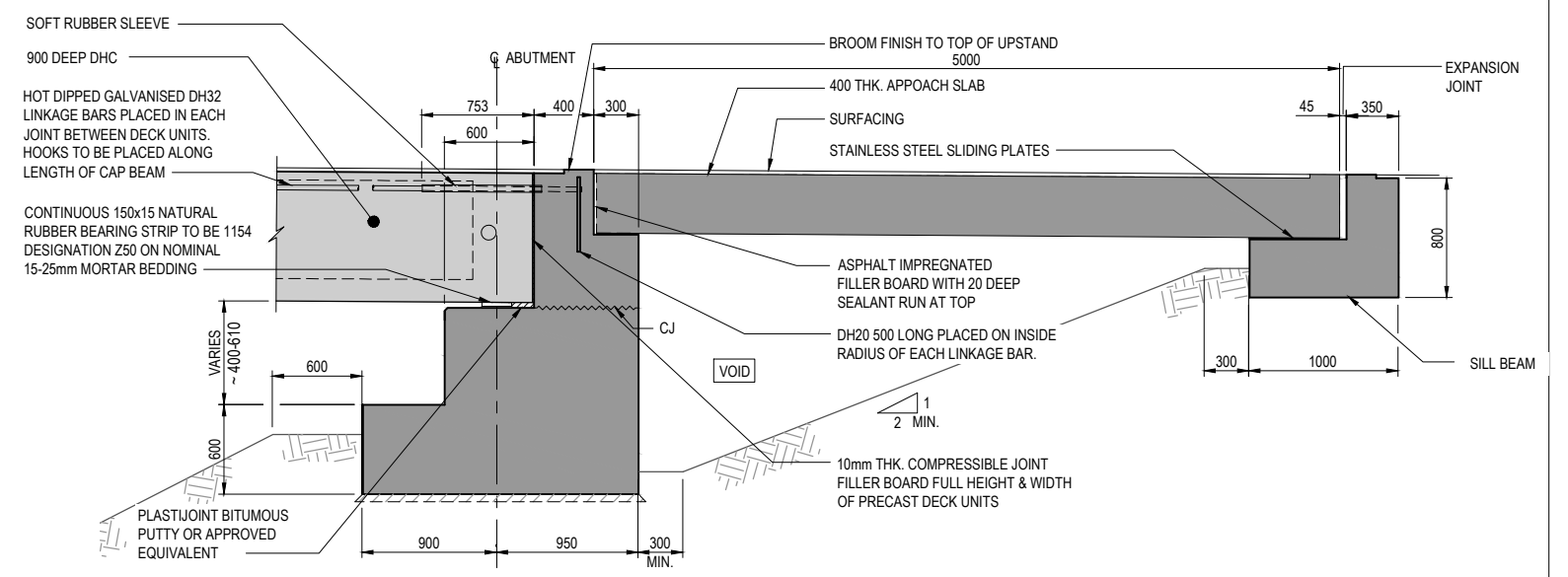


| | | |
|--|-------------------------------|--|
| DO NOT SCALE | Drawn JRO | Designed VWL |
| <small>This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.</small> | Drafting Check VWL | Design Check NLS |
| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN A3 Scale | This Drawing must not be used for Construction unless signed as Approved |

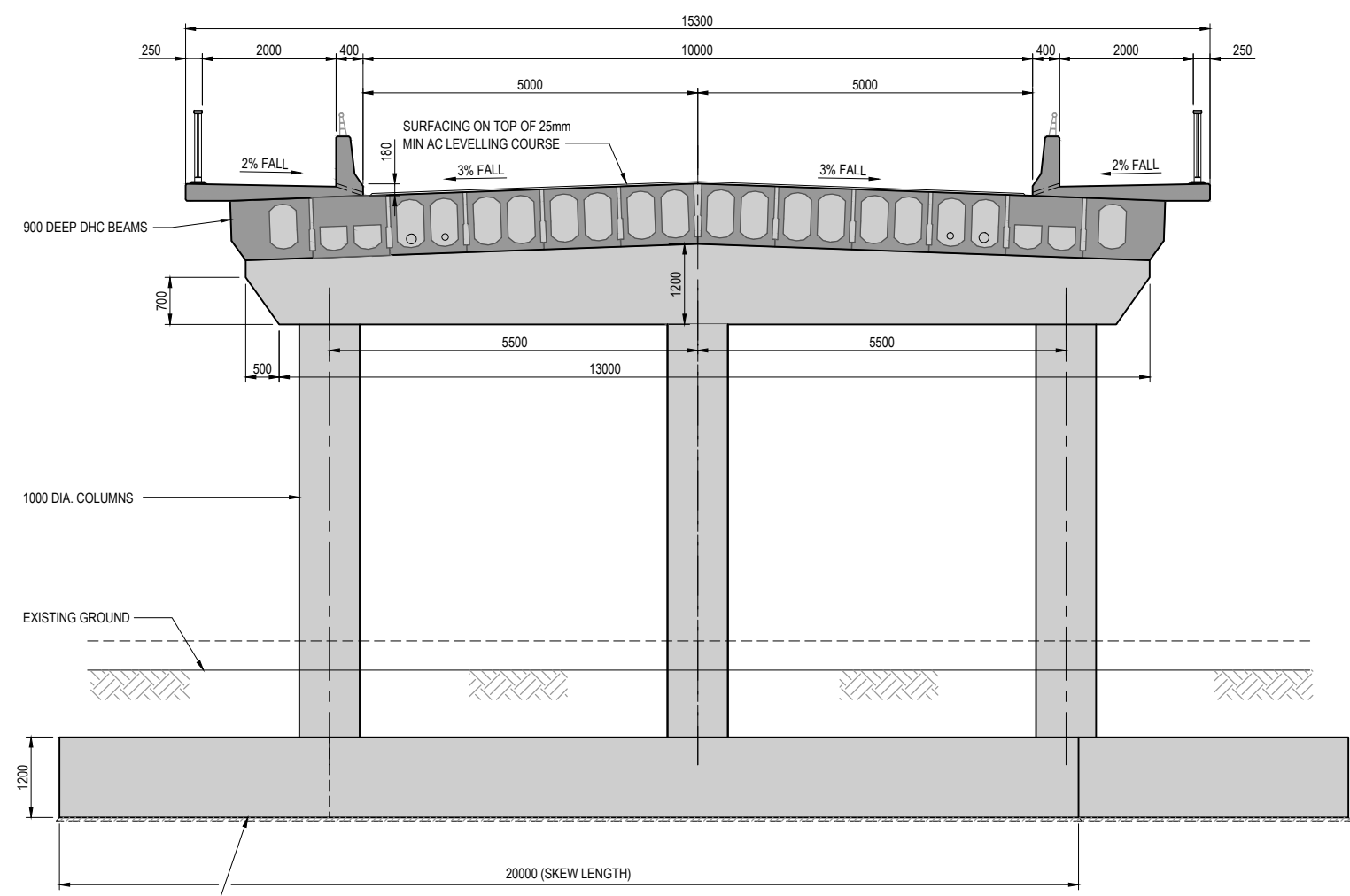
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|-------------|---|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 |
| | G.A. - WATERHOLES ROAD UNDERPASS |
| Drawing No: | 62236-B-S031 |
| Rev: | 0 |



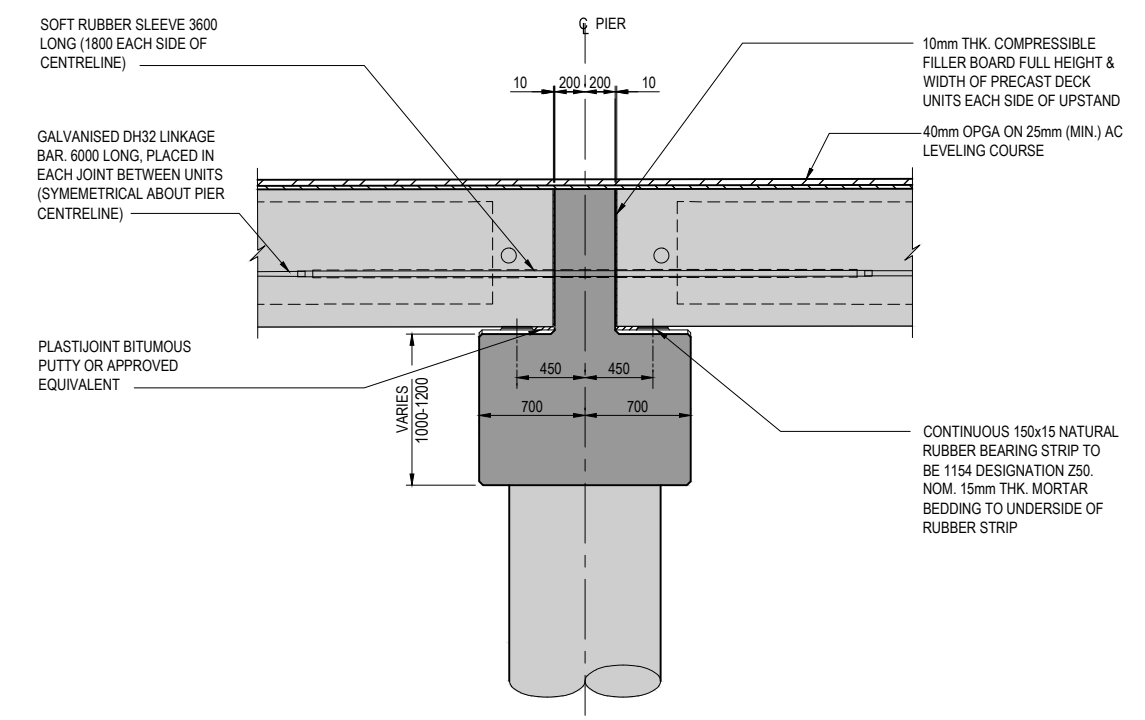
2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
B-S031 1:50



A DETAIL
B-S031 1:25



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
B-S031 1:50



B DETAIL
B-S031 1:25

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

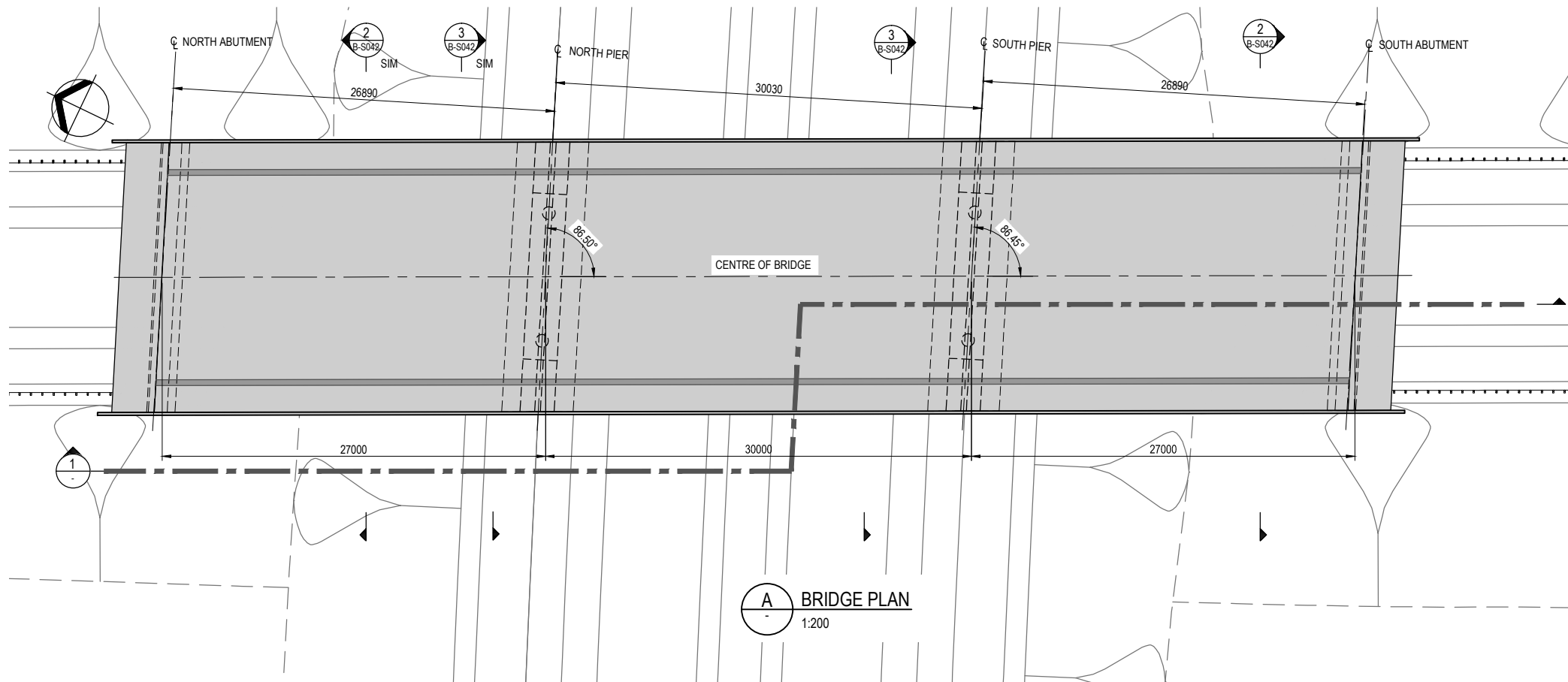
FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



| | | |
|---|---------------------|--|
| DO NOT SCALE | Drawn JRO | Designed VWL |
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| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |
| | A3 Scale | |

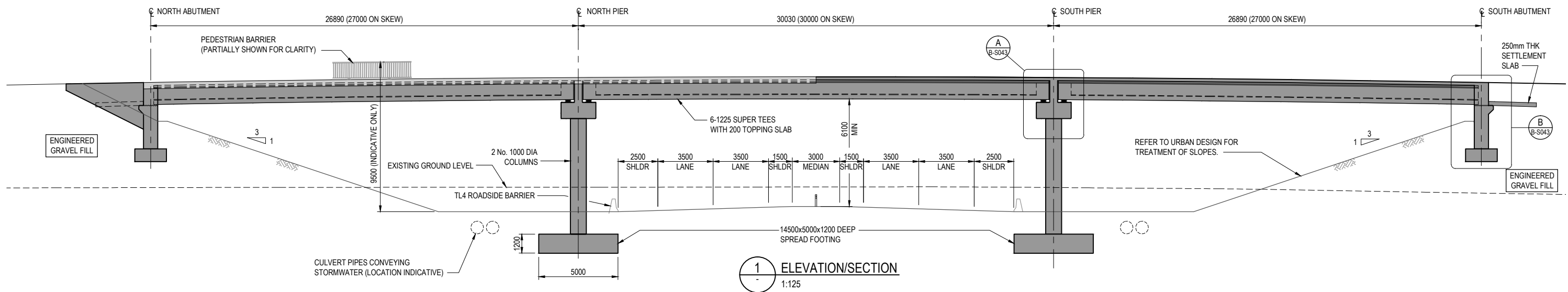
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|-------------|--|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEV. & DETAIL - WATERHOLES ROAD UNDERPASS |
| Drawing No: | 62236-B-S032 |
| Rev: | 0 |



KEY PLAN
NTS

| TRENTS ROAD UNDERPASS | |
|-----------------------|---------------------|
| 62236-B-S041 | GENERAL ARRANGEMENT |
| 62236-B-S042 | ELEVATION |
| 62236-B-S043 | DETAIL |

NOTES:
 CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN.
 DURING DETAILED DESIGN THE 2 x 2m WIDE FOOTPATHS MAY BE REPLACED WITH A SINGLE SHARED USE PATH.



FOR CONSENT

| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



DO NOT SCALE
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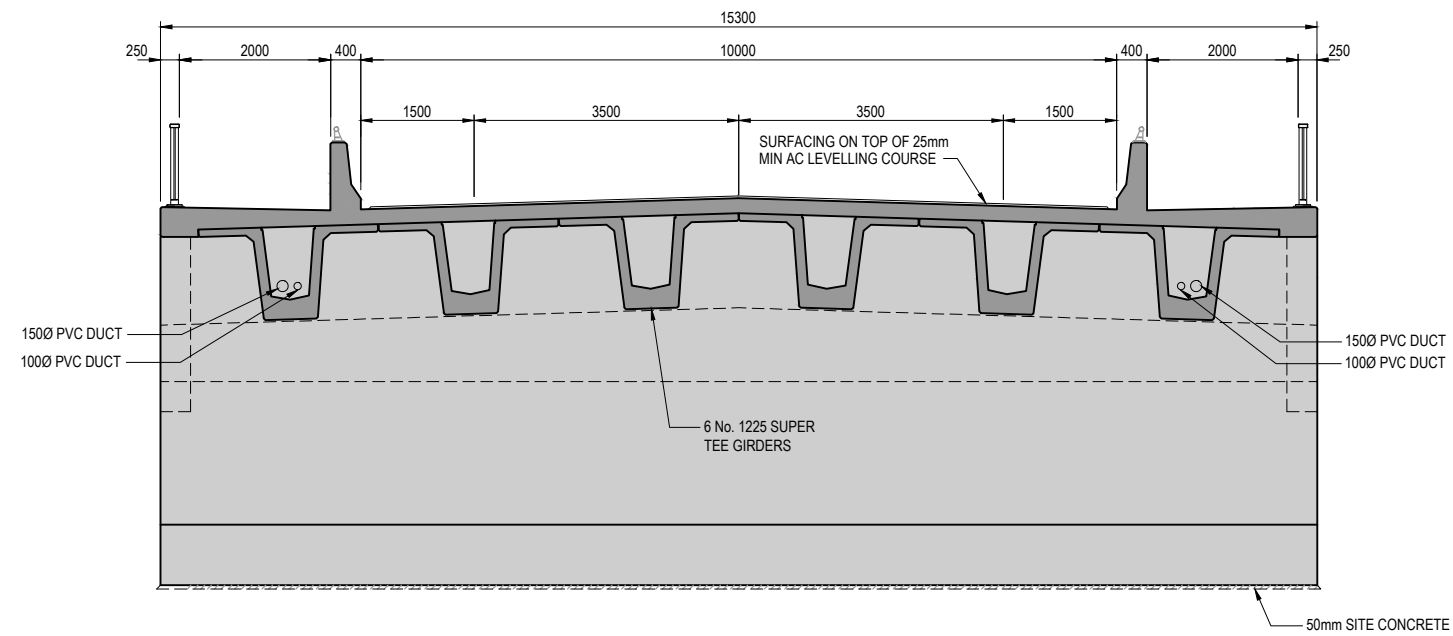
| | | | |
|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 G.A. - TRENTS ROAD UNDERPASS | | |
| Title | G.A. - TRENTS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S041 | | Rev: 0 |

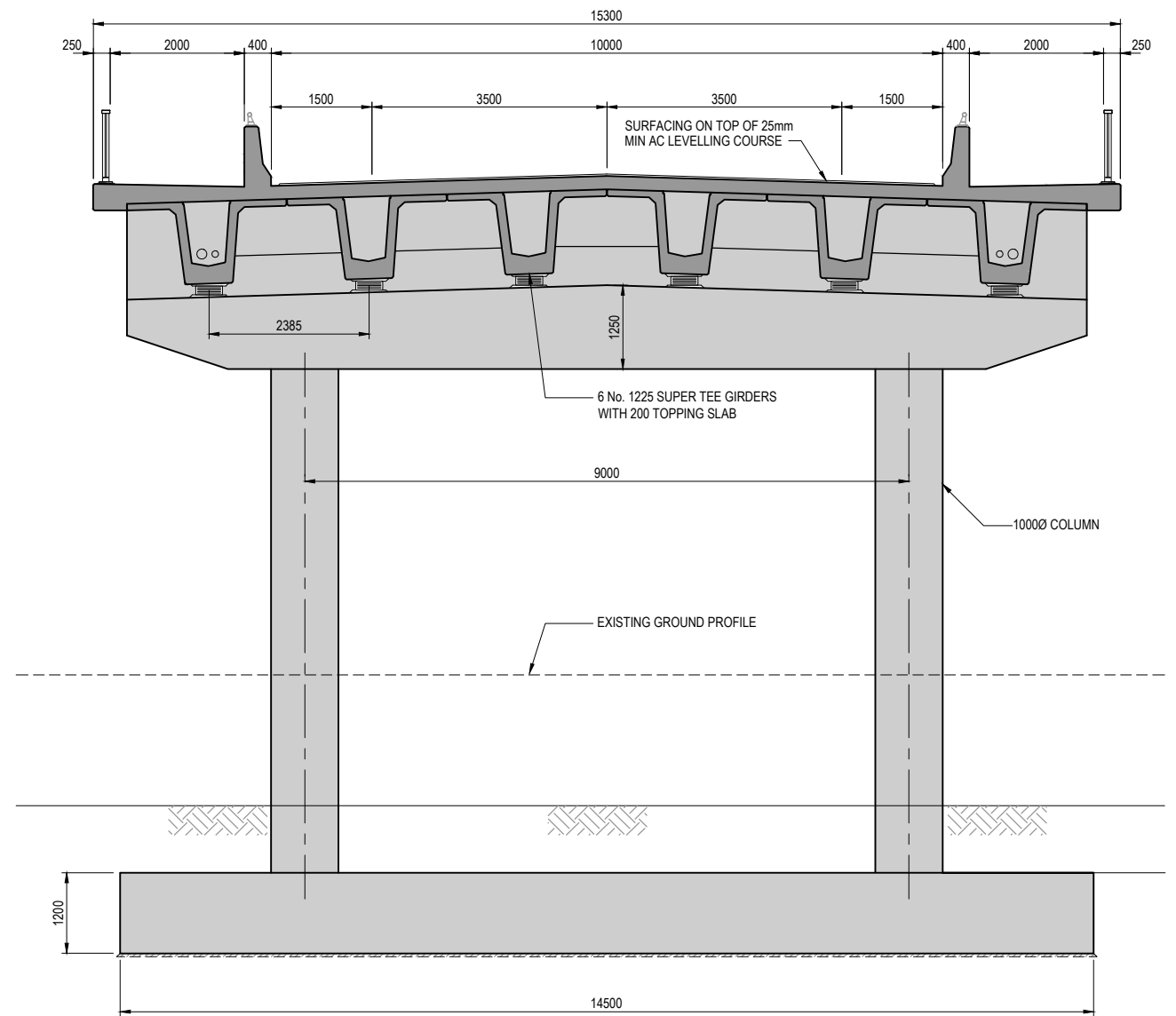
NOTES:

CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

DURING DETAILED DESIGN THE 2 x 2m WIDE FOOTPATHS MAY BE REPLACED WITH A SINGLE SHARED USE PATH.



2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
B-S041 1:50



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
B-S041 1:50

FOR CONSENT

| | | | | | | |
|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



NZ TRANSPORT AGENCY
WAKA KOTAHI

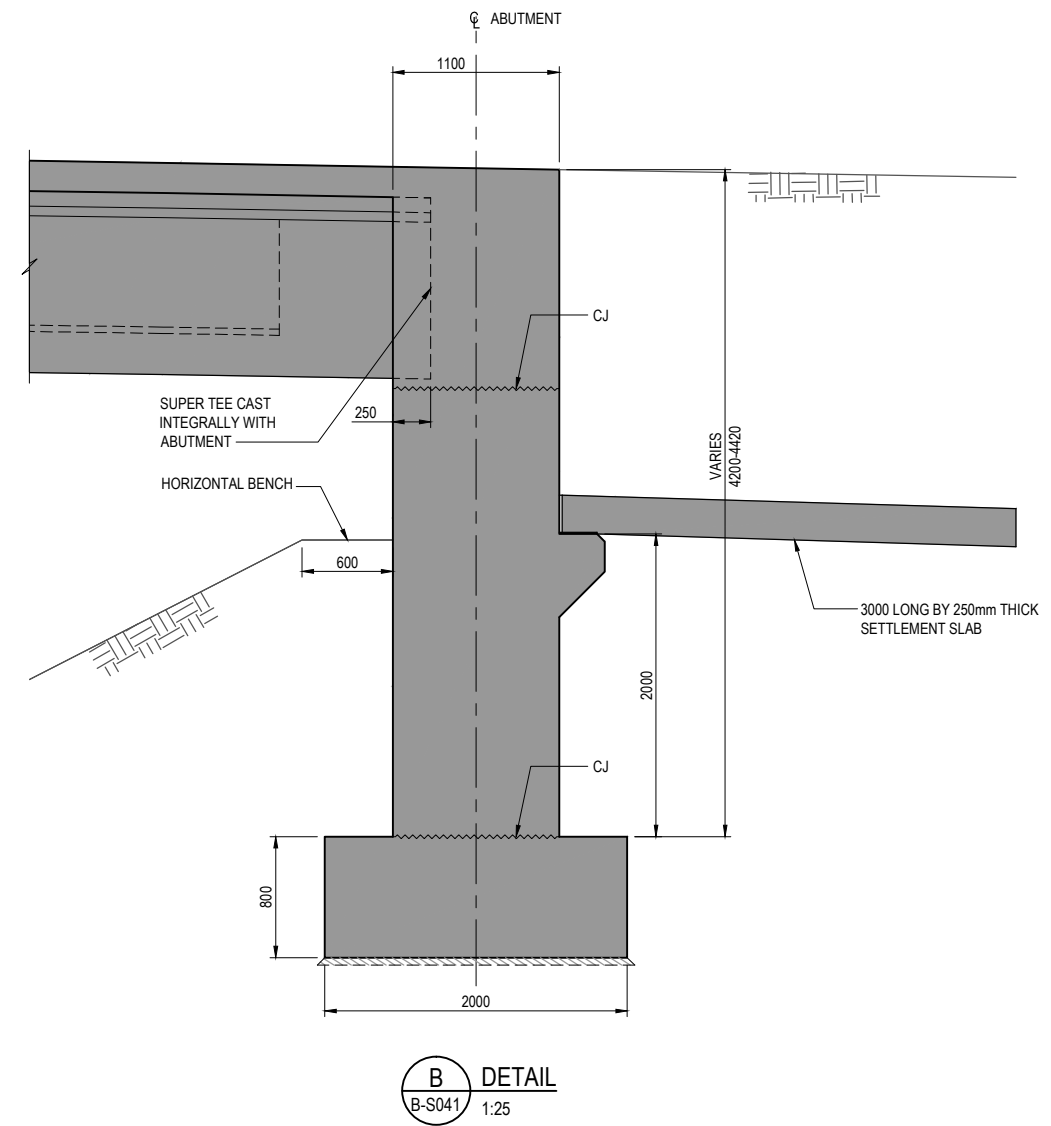
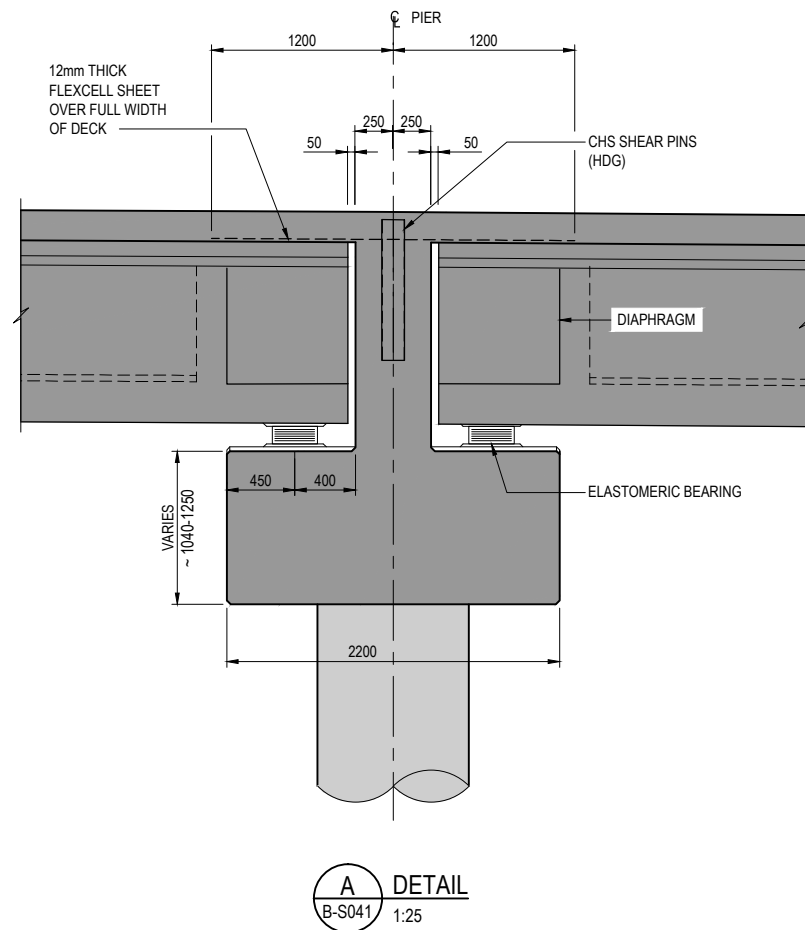


DO NOT SCALE

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| | | | |
|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEVATION - TRENTS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S042 | | Rev: 0 |



FOR CONSENT

| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |
|----|-------------|---|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



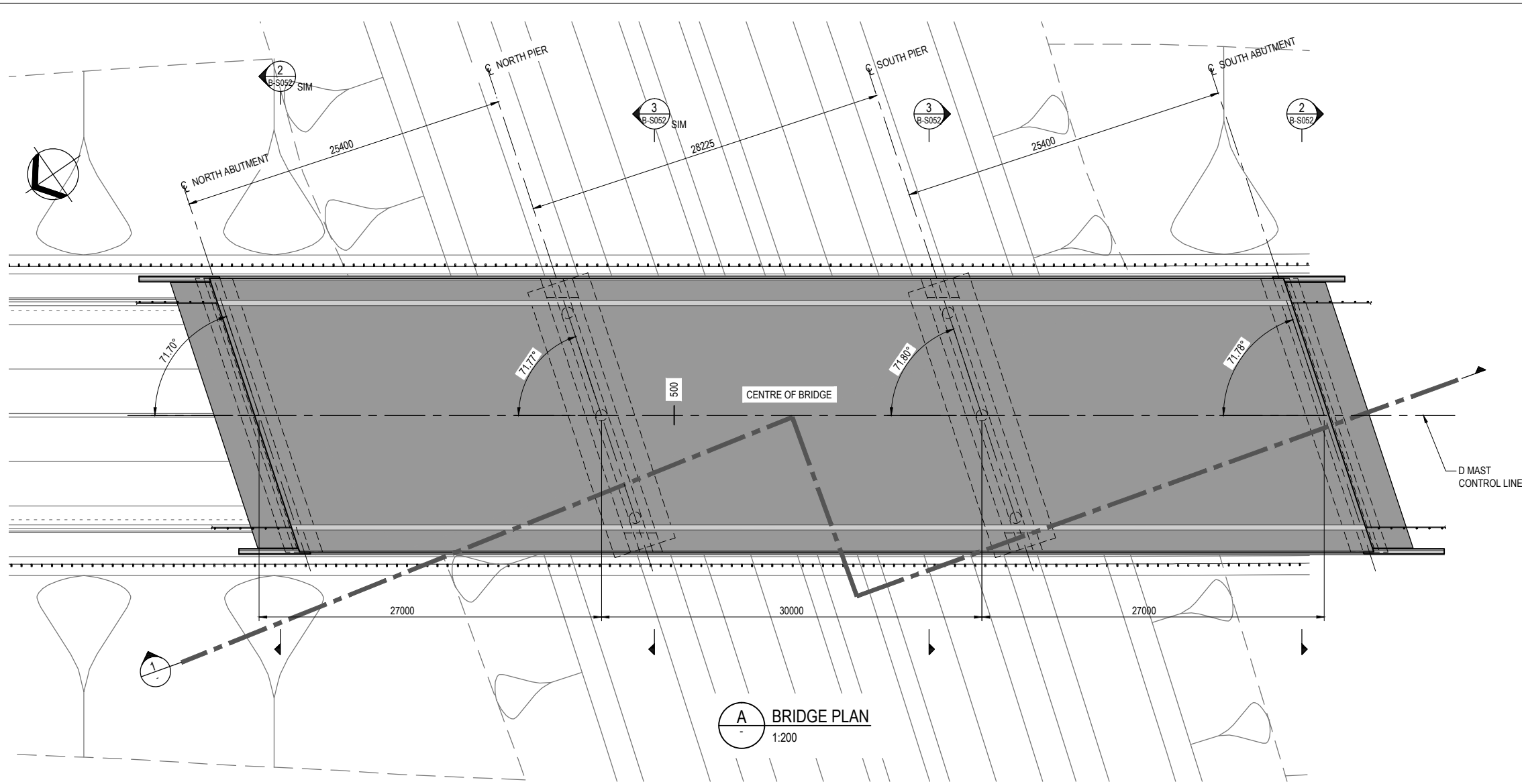
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|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

This Drawing must not be used for Construction unless signed as Approved

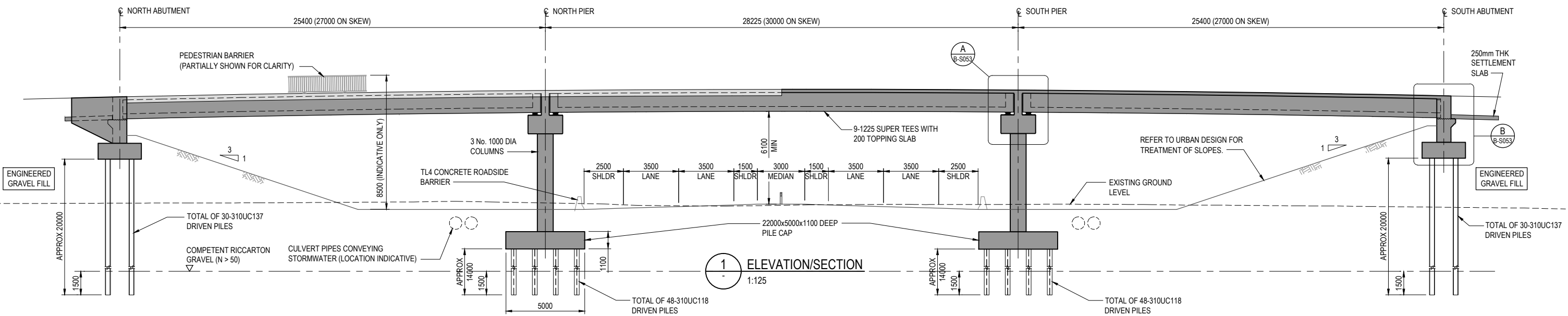
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|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 DETAIL - TRENTS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S043 | | Rev: 0 |



KEY PLAN
NTS

| SHANDS ROAD UNDERPASS | |
|-----------------------|---------------------|
| 62236-B-S051 | GENERAL ARRANGEMENT |
| 62236-B-S052 | ELEVATION |
| 62236-B-S053 | DETAIL |

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN



FOR CONSENT

| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |

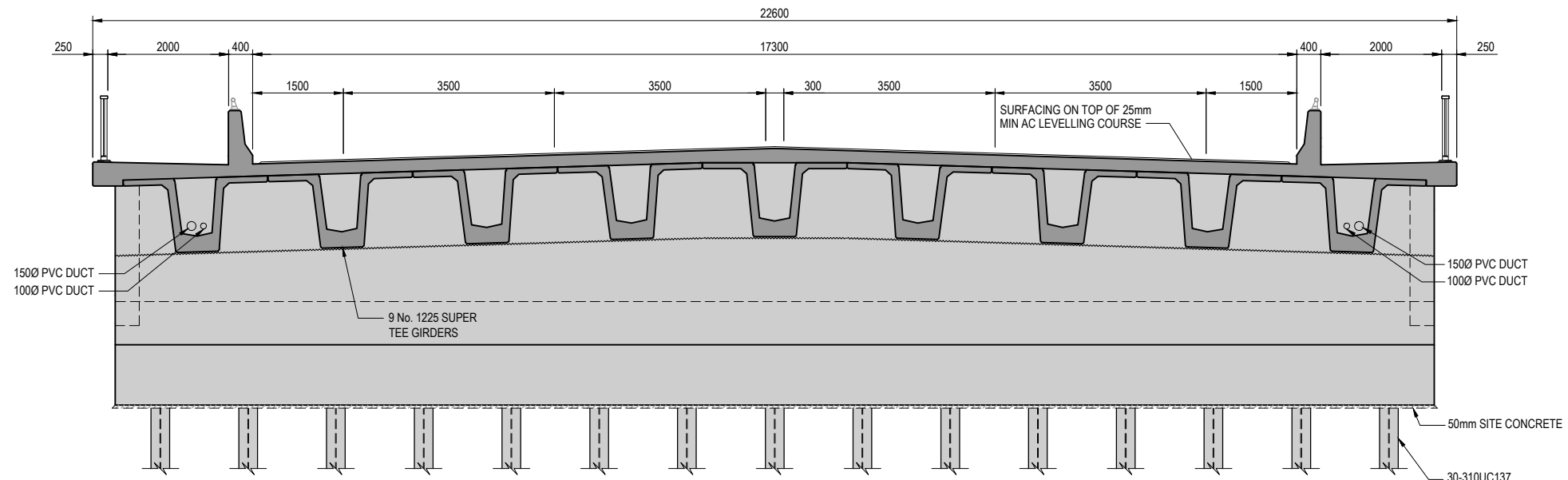


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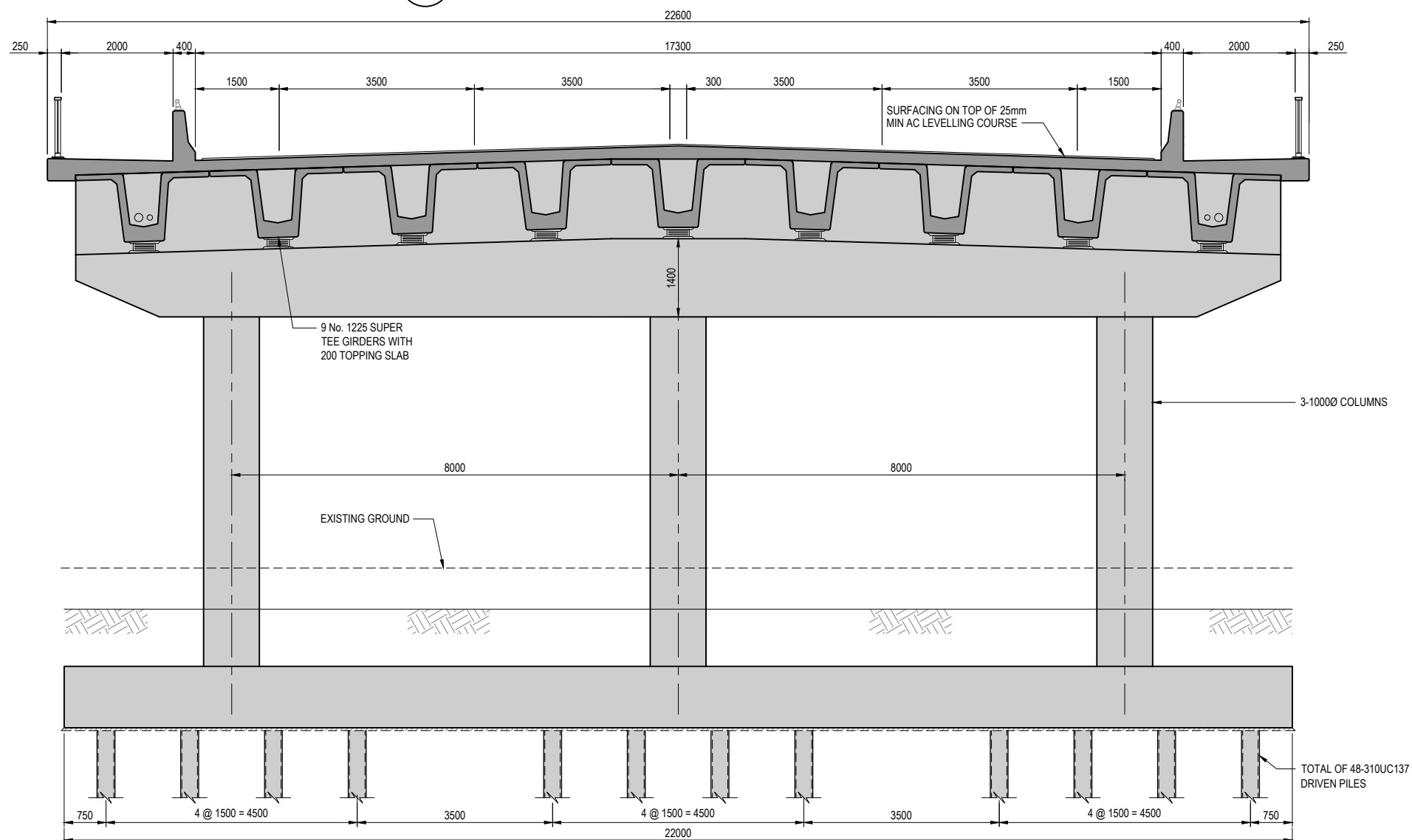
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|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 | | |
| Title | G.A. - SHANDS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S051 | | Rev: 0 |



2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
B-S051 1:50



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
B-S051 1:50

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE.
HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

FOR CONSENT

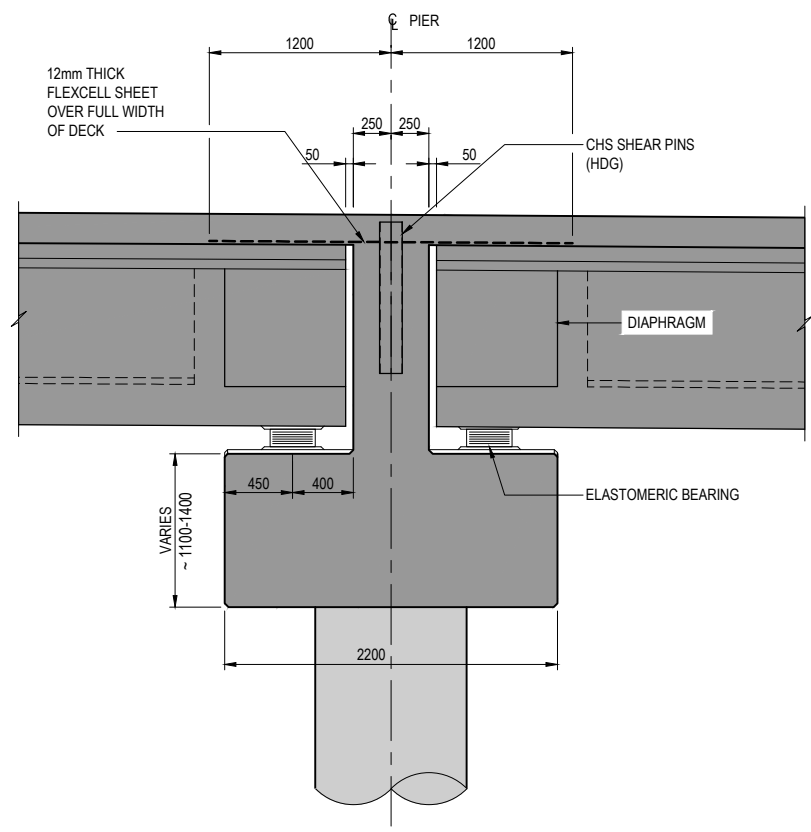
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| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



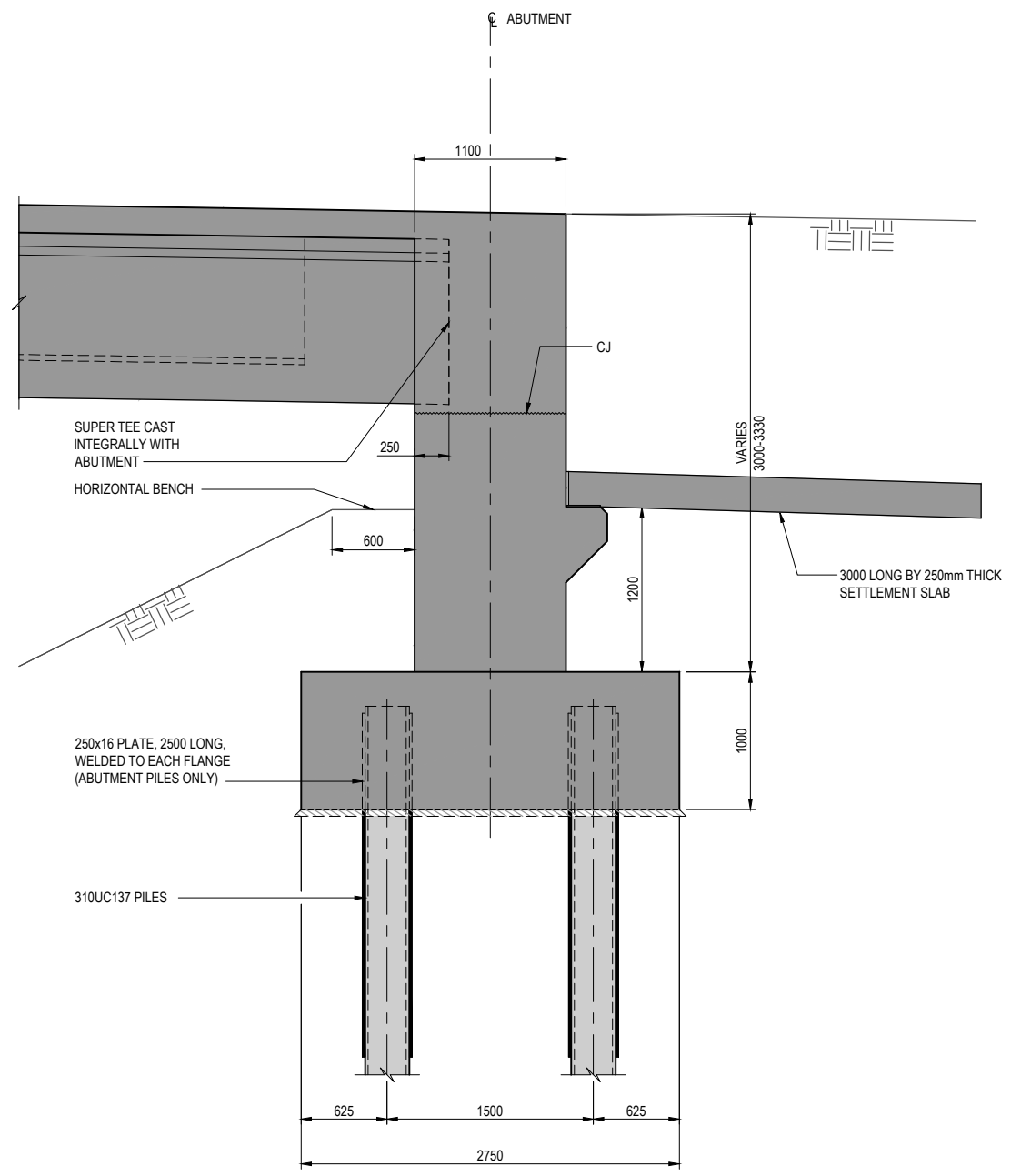
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| | | | |
|----------|------------|----------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting | VWL | Design | NLS |
| Check | | Check | |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

| | | | |
|-------------|--|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 | | |
| Title | ELEVATION - SHANDS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S052 | | Rev: 0 |



A DETAIL
B-S051 1:25



B DETAIL
B-S051 1:25

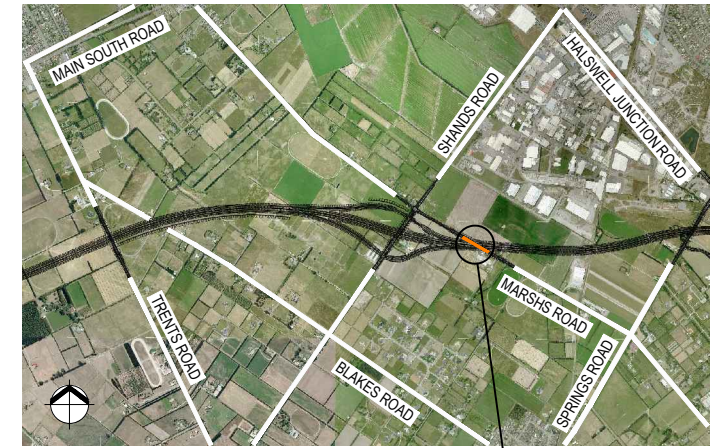
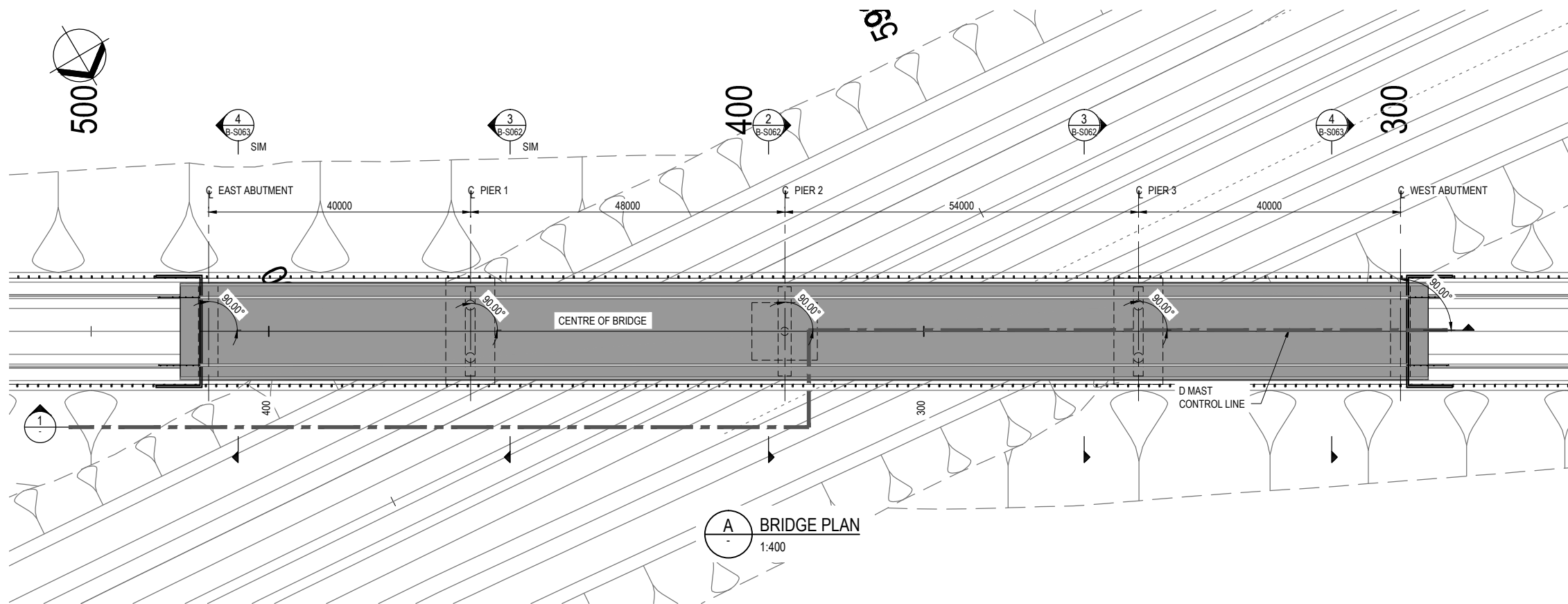
FOR CONSENT

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|----|-------------|---|-------|---------|----------|----------|
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



| | | |
|--|---|------------------|
| DO NOT SCALE | Drawn JRO | Designed VWL |
| <small>This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.</small> | Drafting VWL | Design Check NLS |
| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| A1 Scale AS SHOWN | <small>This Drawing must not be used for Construction unless signed as Approved</small> | |
| A3 Scale | | |

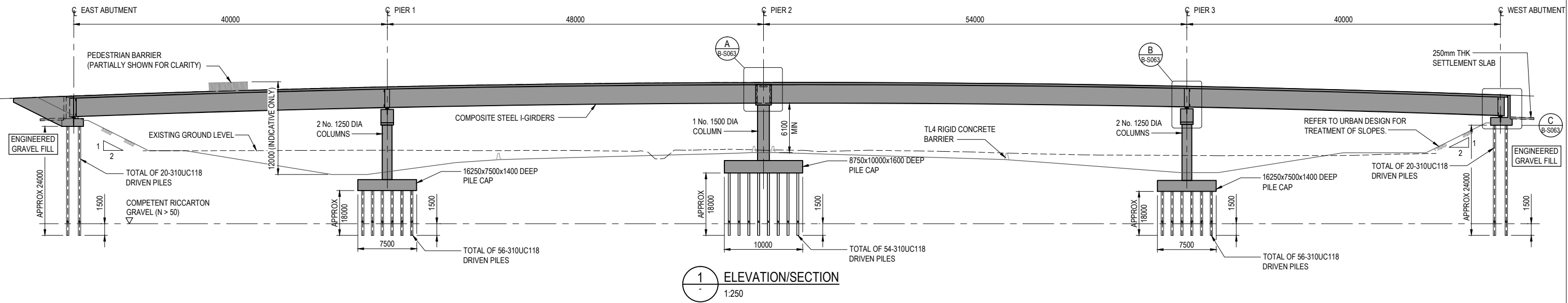
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|-------------|--|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 DETAIL - SHANDS ROAD UNDERPASS |
| Drawing No: | 62236-B-S053 |
| Rev: | 0 |



KEY PLAN
NTS

| MARSHS ROAD UNDERPASS | |
|-----------------------|---------------------|
| 62236-B-S061 | GENERAL ARRANGEMENT |
| 62236-B-S062 | ELEVATION |
| 62236-B-S063 | ELEVATION & DETAIL |

NOTES:
 CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN.
 DURING DETAILED DESIGN THE 2 x 2m WIDE FOOTPATHS MAY BE REPLACED WITH A SINGLE SHARED USE PATH.



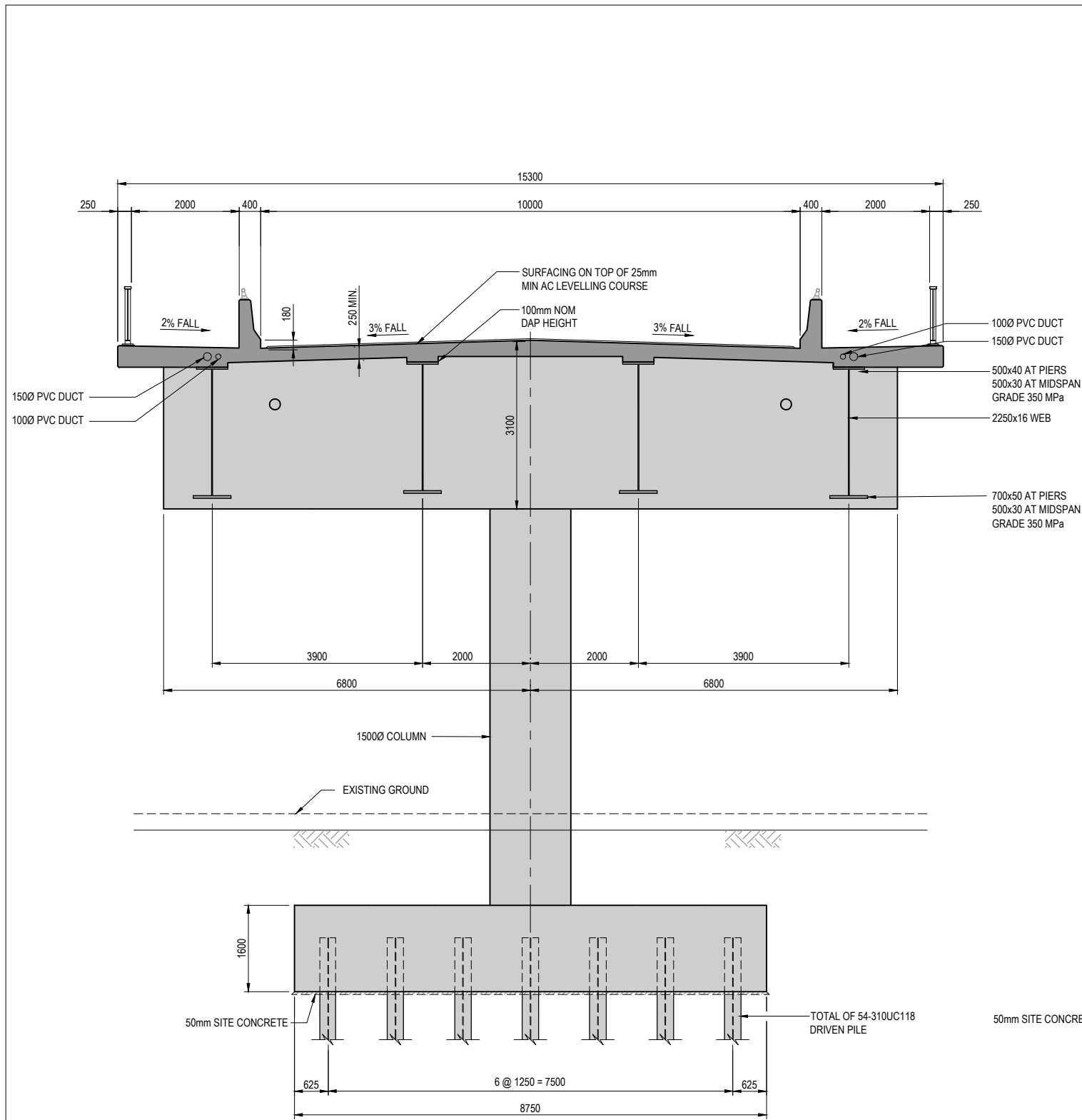
FOR CONSENT

| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |

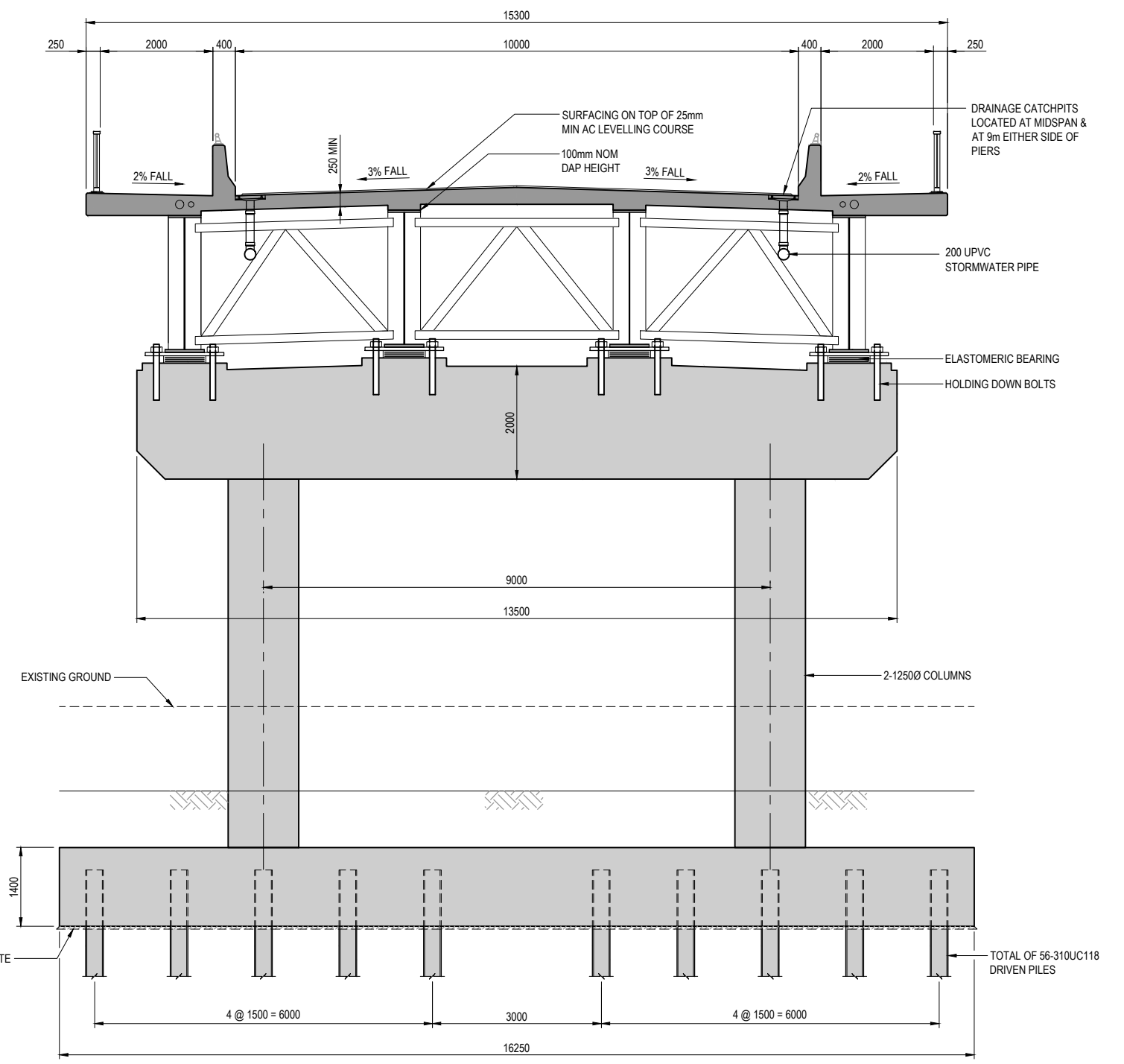


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| DO NOT SCALE | Drawn JRO | Designed VWL |
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| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved | |

| | |
|-------------|---|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 |
| | G.A. - MARSHS ROAD UNDERPASS |
| Drawing No: | 62236-B-S061 |
| Rev: | 0 |



2 PIER 2 ELEVATION
B-S061 1:50



3 PIER 1 ELEVATION (PIER 3 SIMILAR)
B-S061 1:50

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN.
DURING DETAILED DESIGN THE 2 x 2m WIDE FOOTPATHS MAY BE REPLACED WITH A SINGLE SHARED USE PATH.

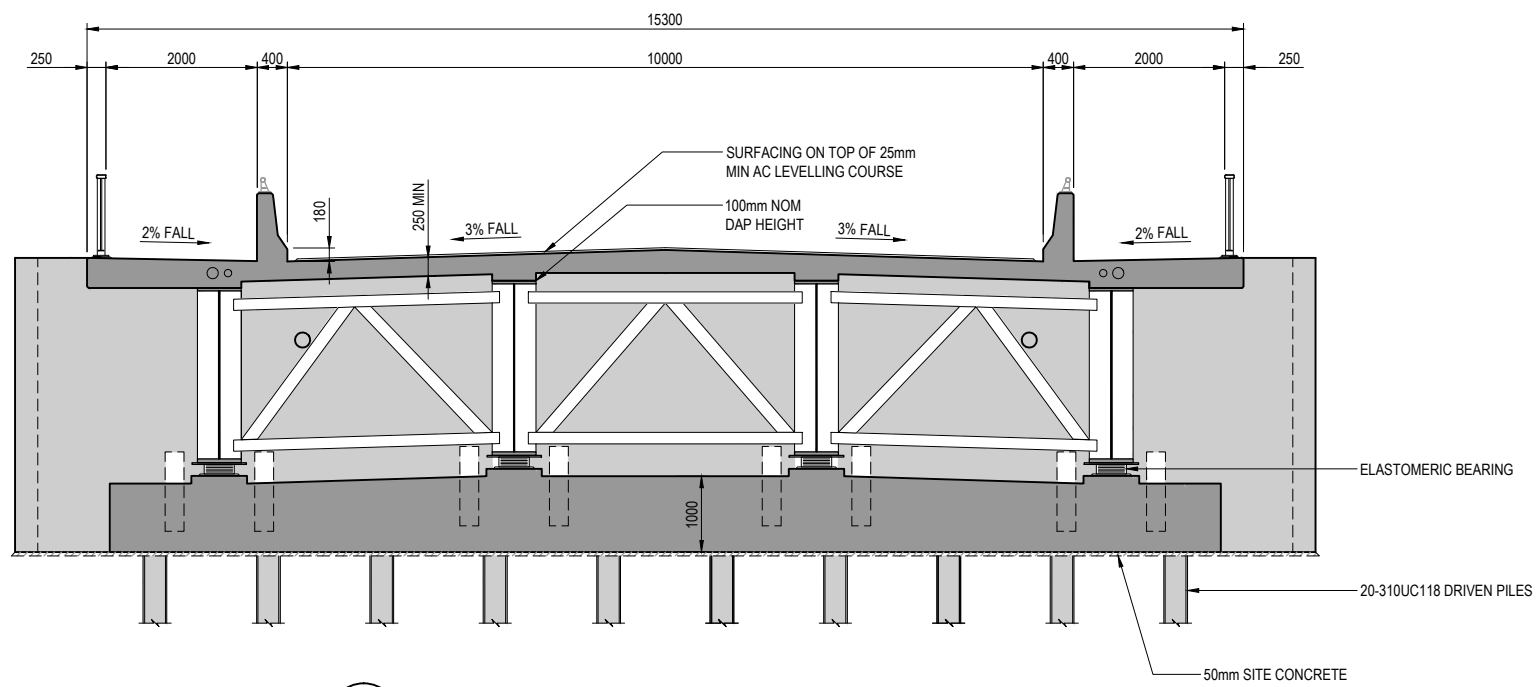
FOR CONSENT

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|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |

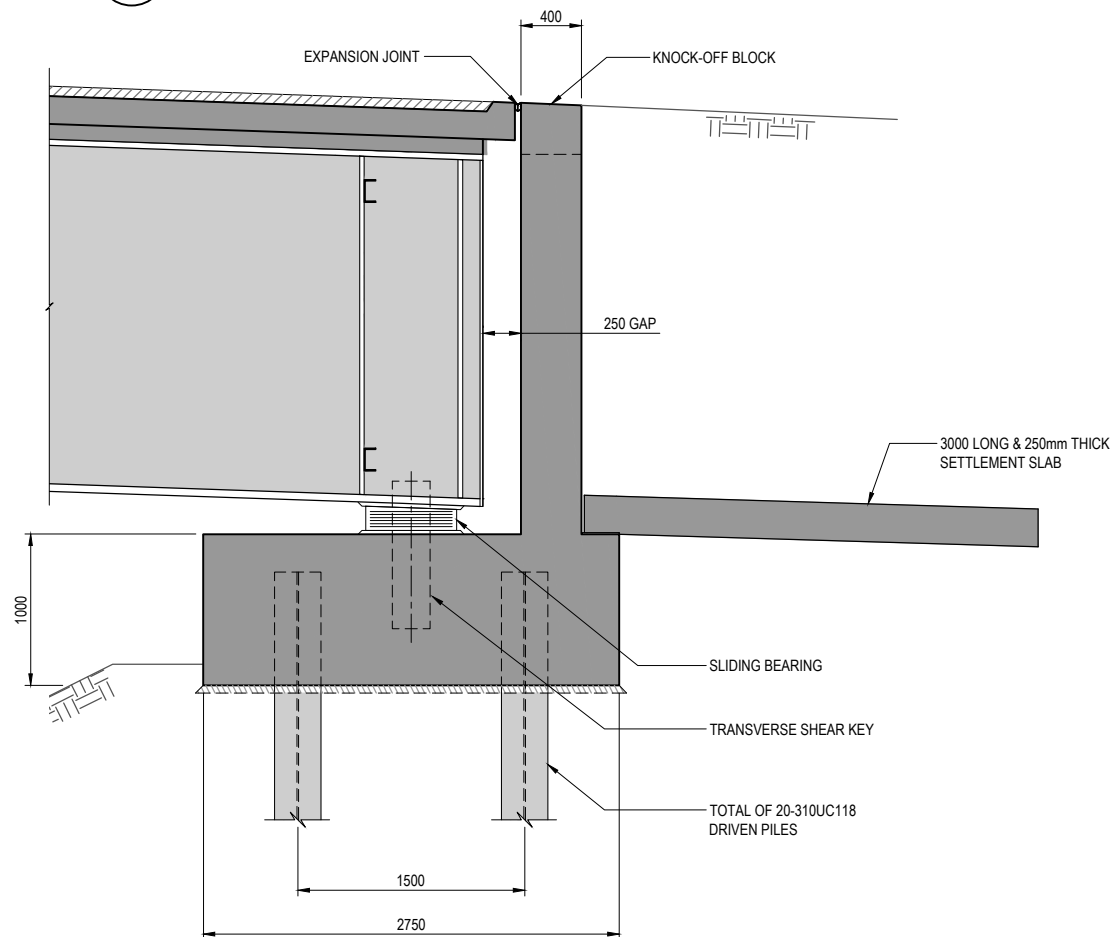


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| DO NOT SCALE | Drawn JRO | Designed VWL |
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| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN A3 Scale | This Drawing must not be used for Construction unless signed as Approved |

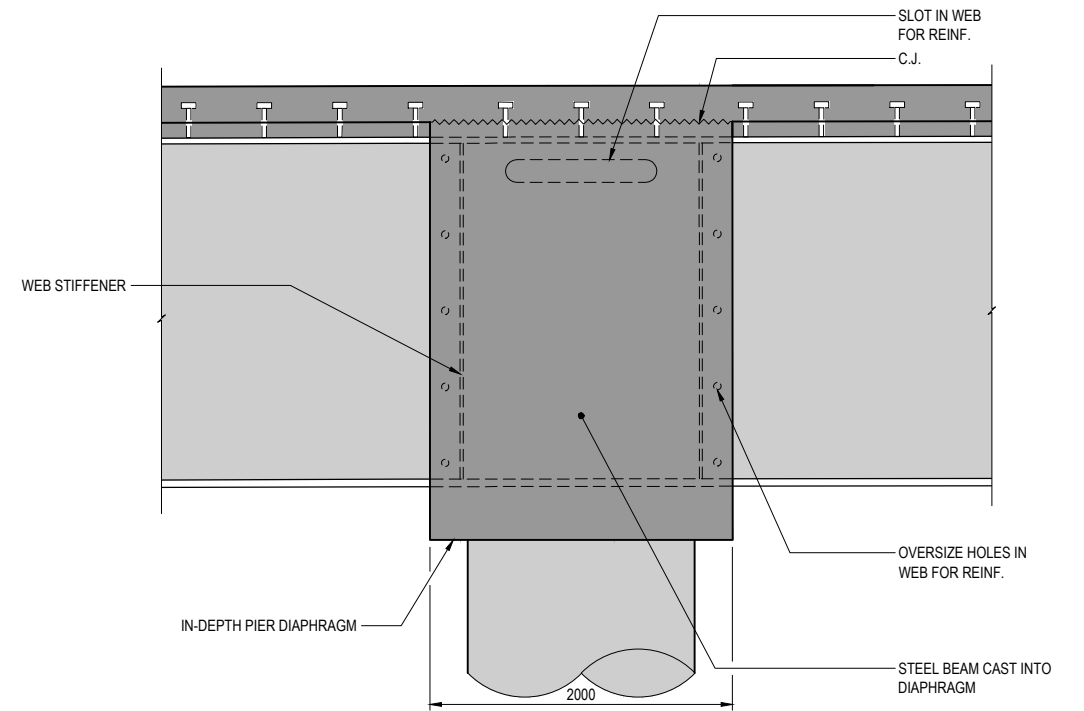
| | |
|---------|--|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEVATION - MARSHS ROAD UNDERPASS |
| Title | Drawing No: 62236-B-S062 |
| Rev: | 0 |



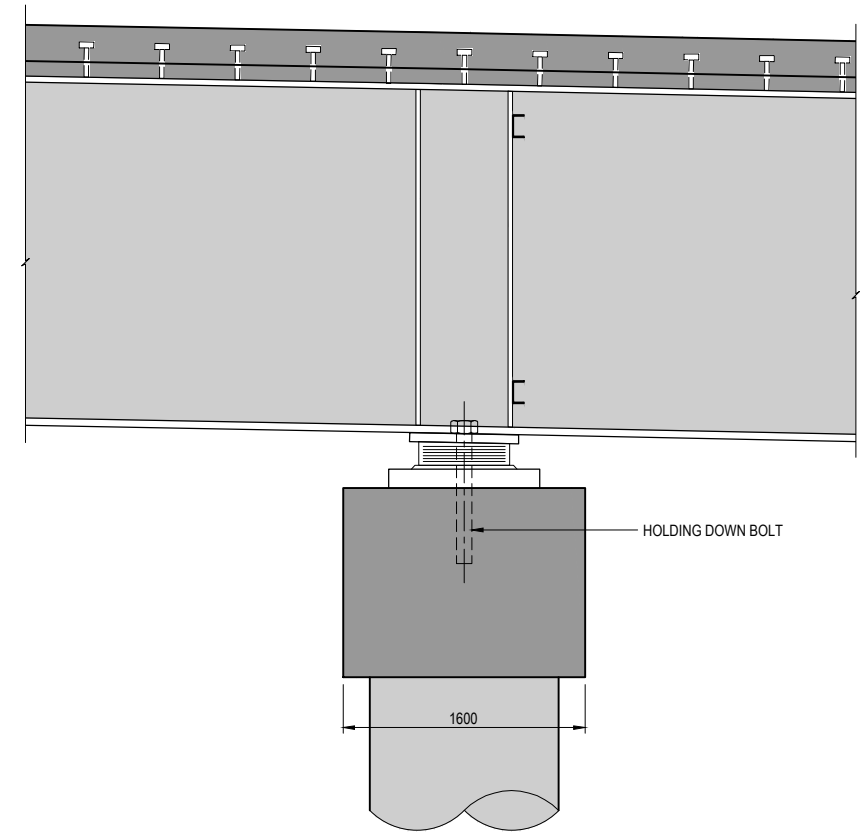
4 WEST ABUTMENT ELEVATION (EAST ABUTMENT SIMILAR)
B-S061 1:50



C DETAIL
B-S061 1:25



A DETAIL
B-S061 1:25



B DETAIL
B-S061 1:25

NOTES:

CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN
DURING DETAILED DESIGN THE 2 x 2m WIDE FOOTPATHS MAY BE REPLACED WITH A SINGLE SHARED USE PATH.

FOR CONSENT

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| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |

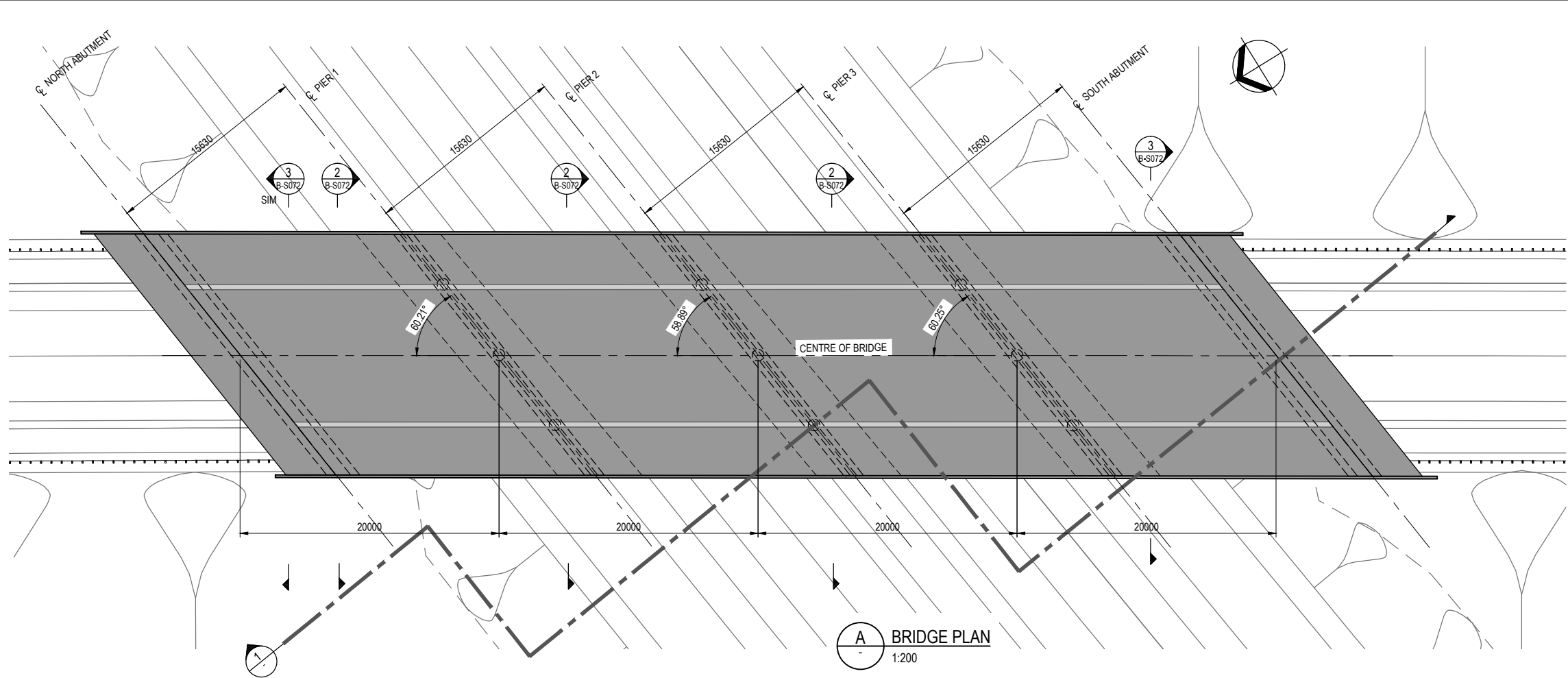


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| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

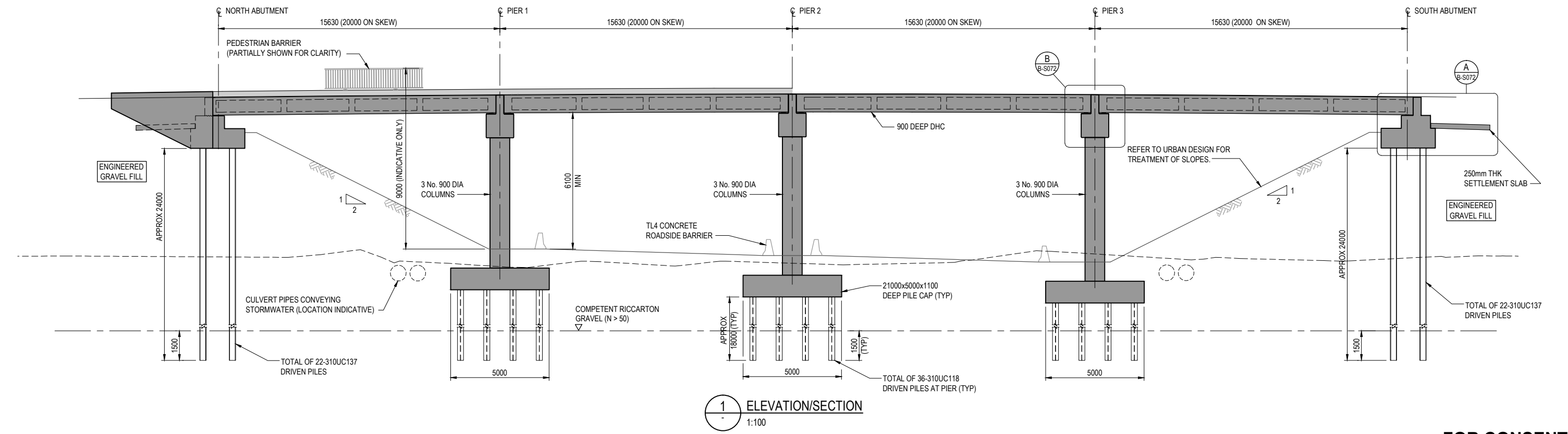
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|-------------|---|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEVATION & DETAIL - MARSHS ROAD UNDERPASS | | |
| Drawing No: | 62236-B-S063 | | Rev: 0 |



KEY PLAN
NTS

| SPRINGS ROAD UNDERPASS | |
|------------------------|---------------------|
| 62236-B-S071 | GENERAL ARRANGEMENT |
| 62236-B-S072 | ELEVATION & DETAIL |

NOTES:
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HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN



FOR CONSENT

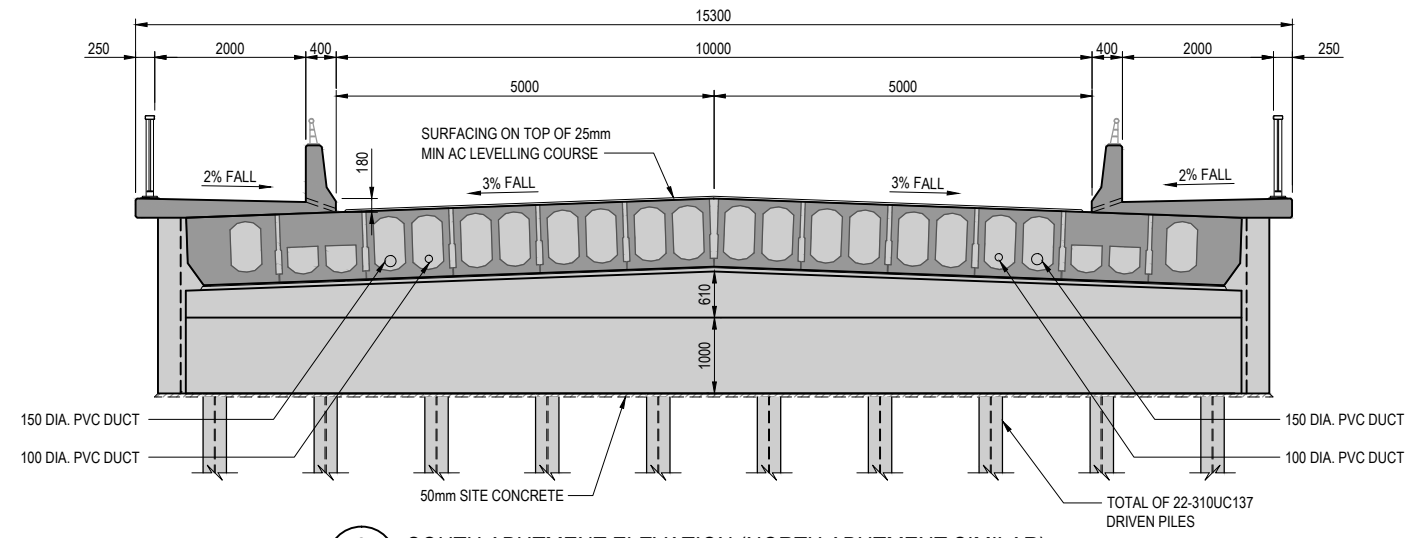
| No | Revision | Note | Drawn | Checked | Approved | Date |
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| 0 | | FOR CONSENT | | | | |
| | | | AF | DGA | GAP | 29.08.12 |



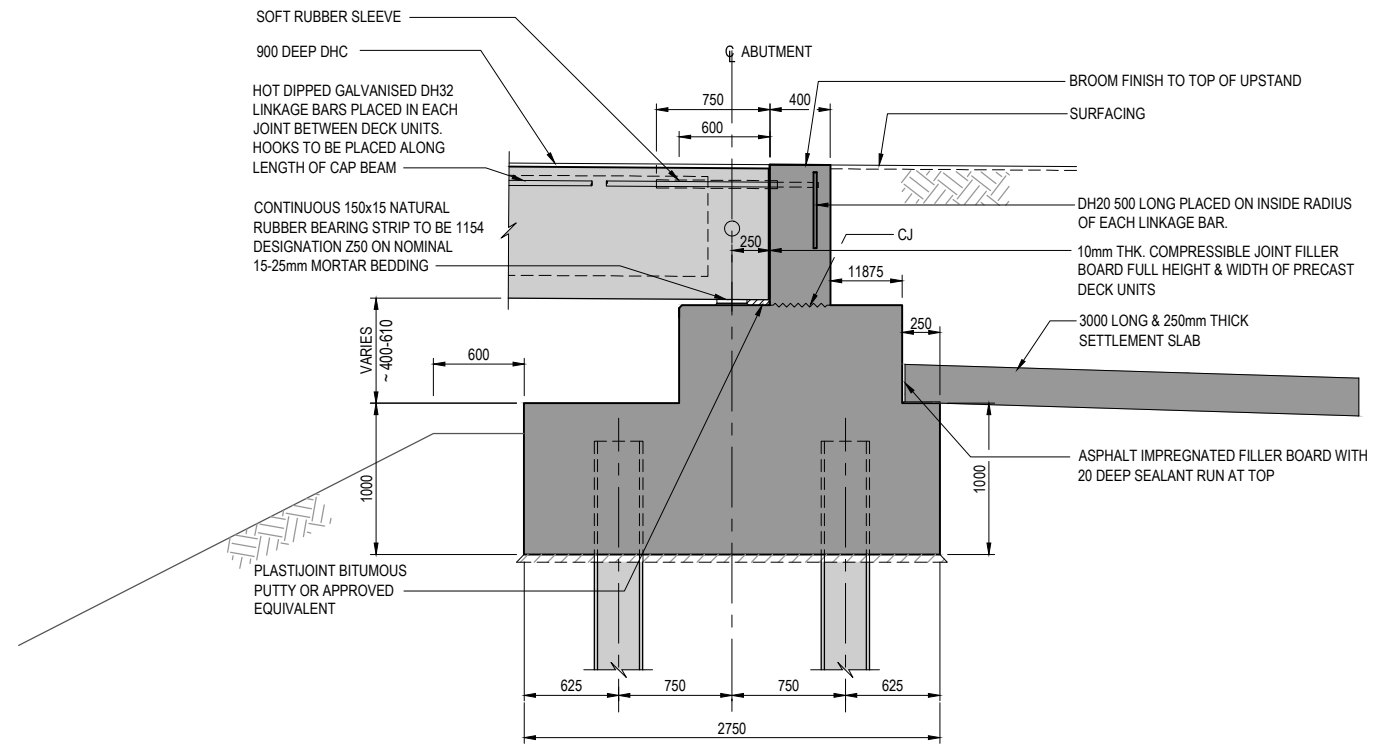
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| Drawn JRO | Designed VWL |
| Drafting VWL | Design Check NLS |
| Approved GARY PAYNE | |
| Date 29.08.12 | |
| A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |

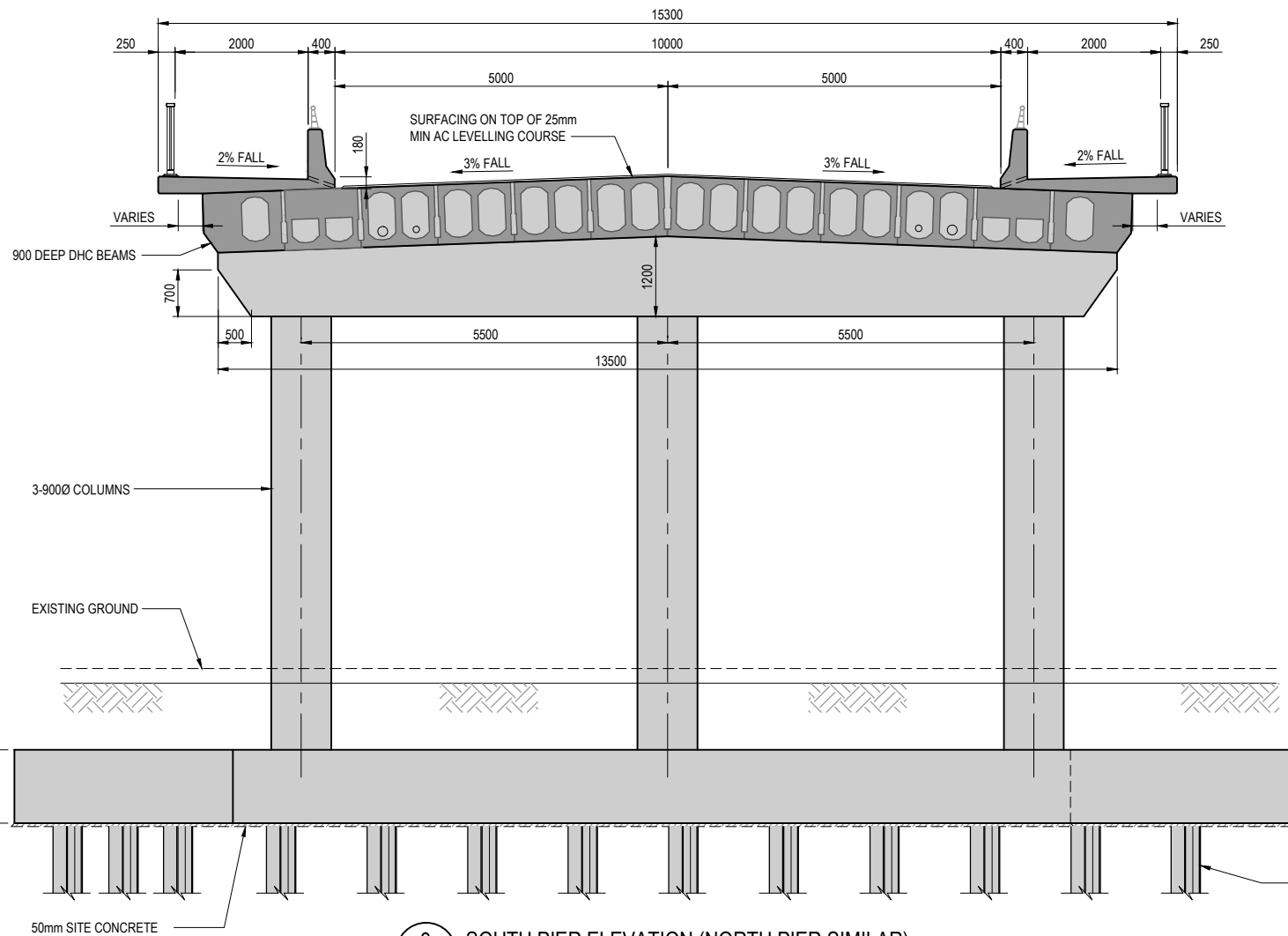
Client **NEW ZEALAND TRANSPORT AGENCY**
Project **SH1 REGION 11 RP350/3.92 TO RP365/2.11**
Title **CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2**
G.A. - SPRINGS ROAD UNDERPASS
Drawing No: **62236-B-S071** Rev: **0**



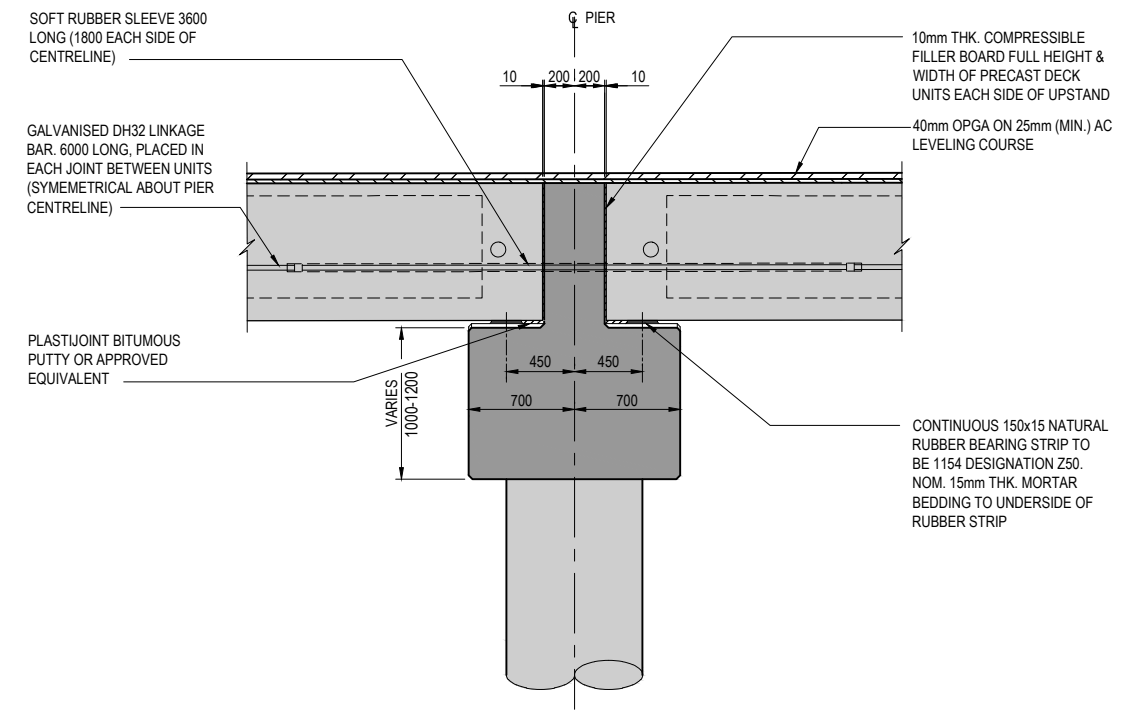
2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
B-S071 1:50



A DETAIL
B-S071 1:25



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
B-S071 1:50



B DETAIL
B-S071 1:25

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

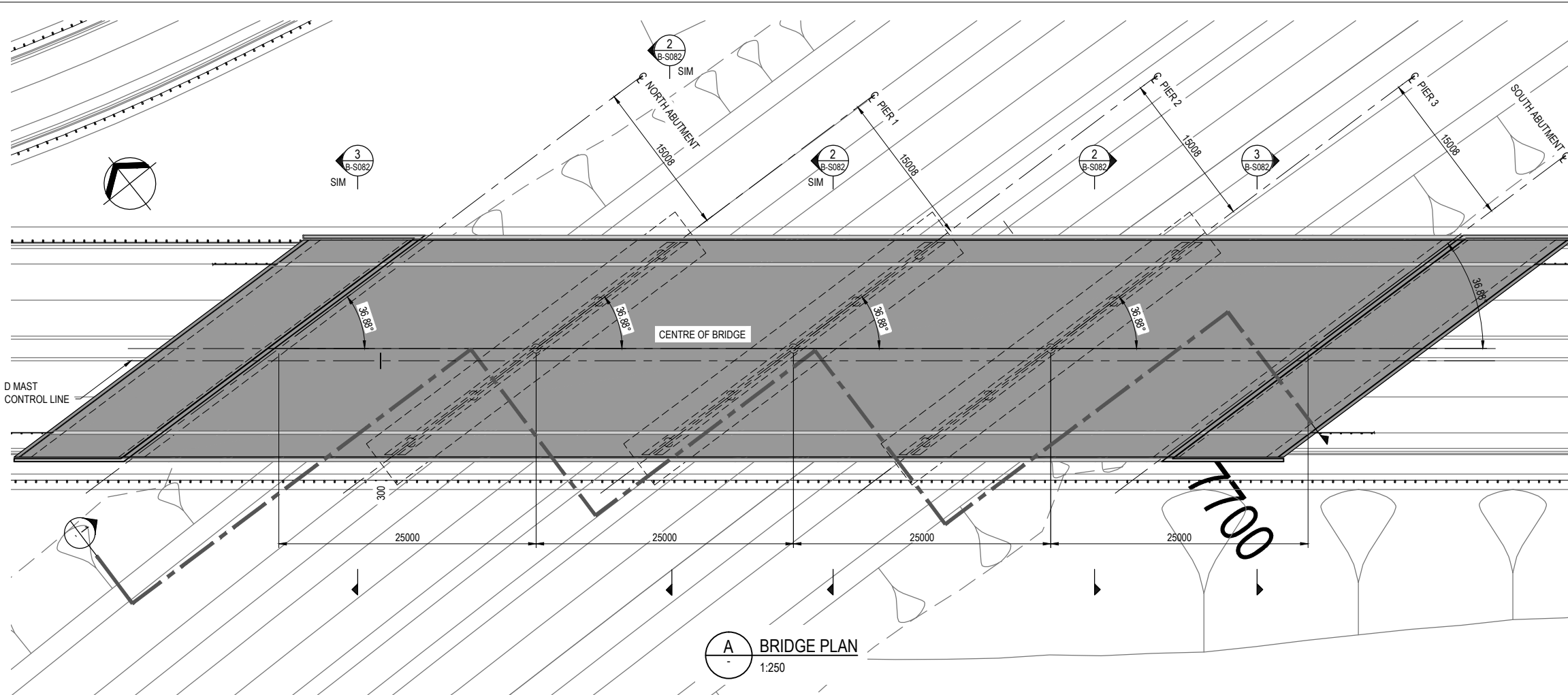
FOR CONSENT

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|----|-------------|---|-------|---------|----------|----------|
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



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|---|---------------------|--|
| DO NOT SCALE | Drawn JRO | Designed VWL |
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| | Approved GARY PAYNE | |
| | Date 29.08.12 | |
| | A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |
| | A3 Scale | |

| | |
|-------------|---|
| Client | NEW ZEALAND TRANSPORT AGENCY |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEV. AND DETAIL - SPRINGS ROAD UNDERPASS |
| Drawing No: | 62236-B-S072 |
| Rev: | 0 |

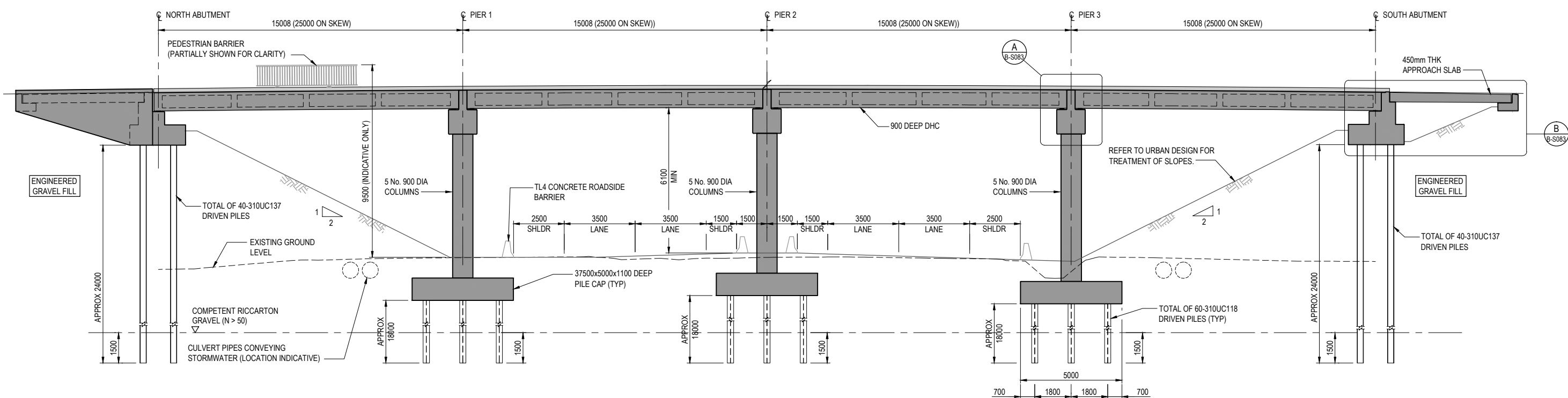


KEY PLAN
NTS

| HALSWELL JUNCTION ROAD UNDERPASS | |
|----------------------------------|---------------------|
| 62236-B-S081 | GENERAL ARRANGEMENT |
| 62236-B-S082 | ELEVATION |
| 62236-B-S083 | DETAIL |

NOTES:
CROSS SECTIONAL ELEMENTS MAY VARY AT DETAILED DESIGN STAGE. HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

A BRIDGE PLAN
1:250



1 ELEVATION/SECTION
1:100

FOR CONSENT

| No | Revision | Note | Drawn | Checked | Approved | Date |
|----|-------------|------|-------|---------|----------|----------|
| 0 | FOR CONSENT | | AF | DGA | GAP | 29.08.12 |



NZ TRANSPORT AGENCY
WAKA KOTAHĪ



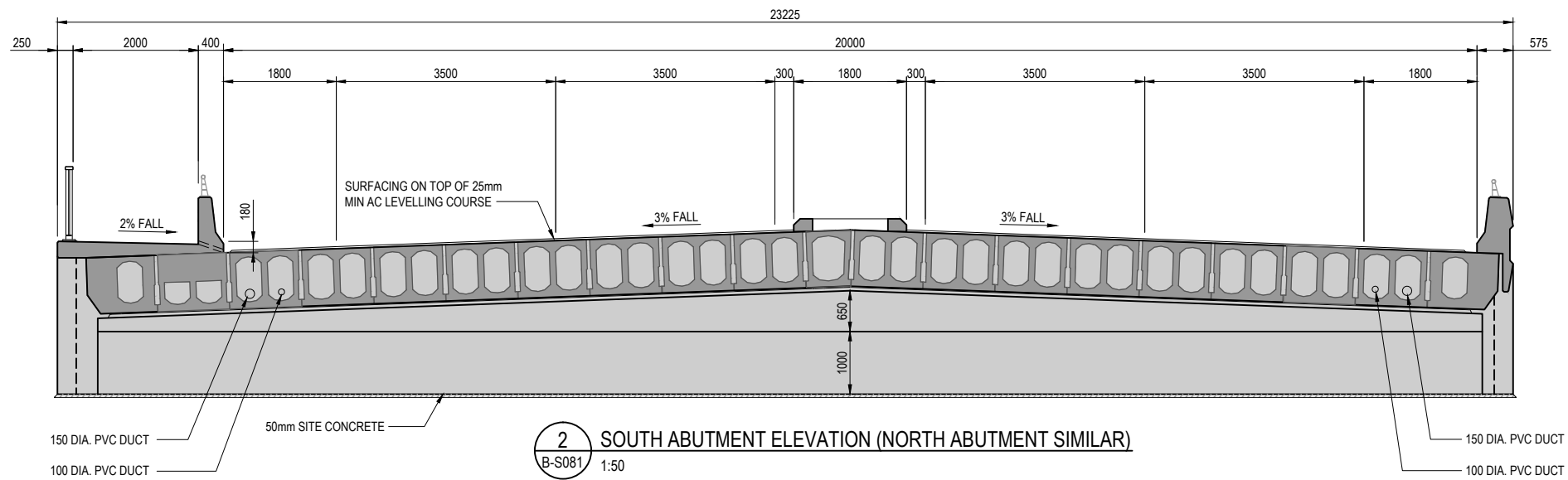

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| | |
|---------------------|--|
| Drawn JRO | Designed VWL |
| Drafting VWL | Design Check NLS |
| Approved GARY PAYNE | |
| Date 29.08.12 | |
| A1 Scale AS SHOWN | This Drawing must not be used for Construction unless signed as Approved |
| A3 Scale | |

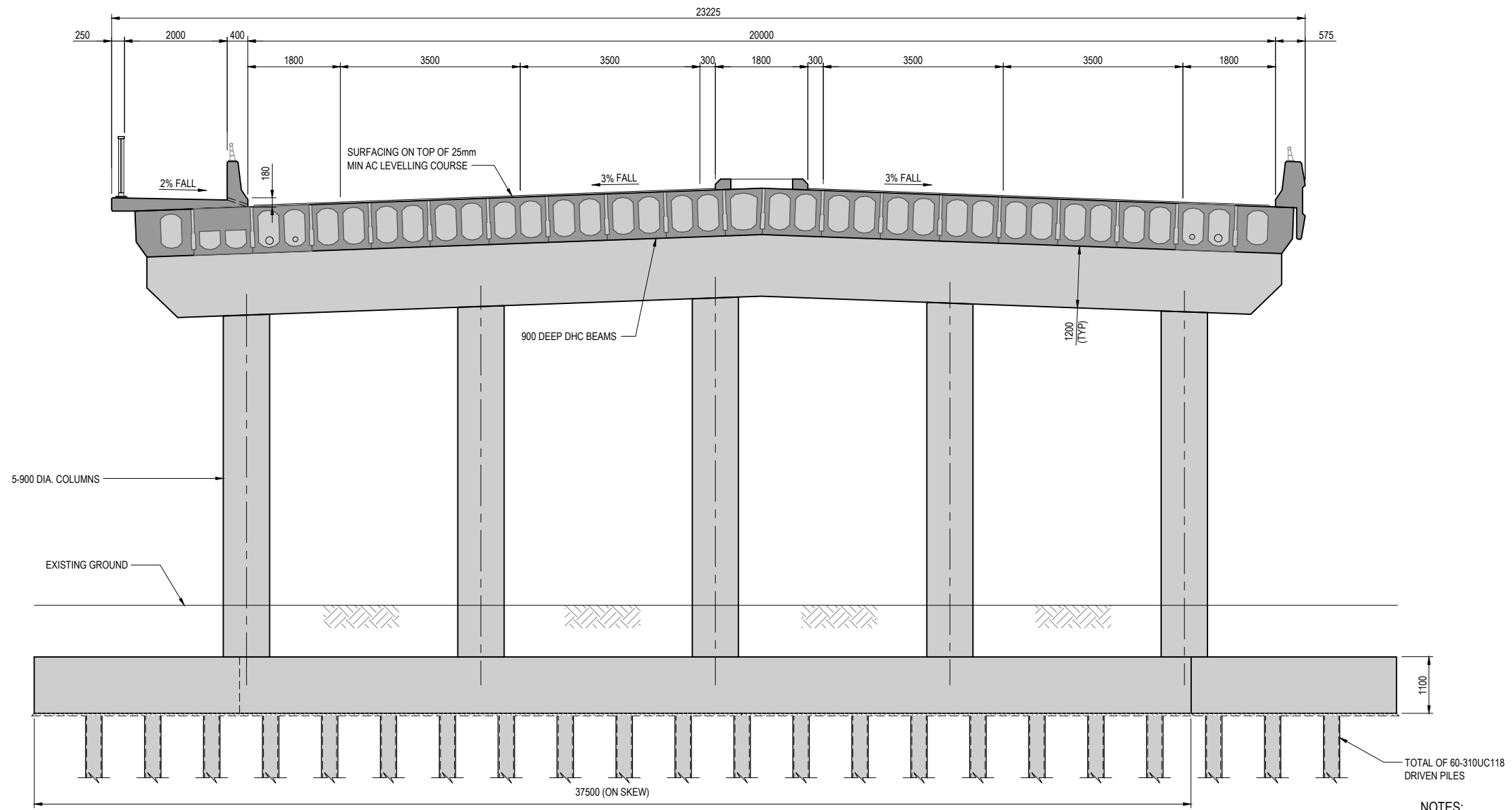
Client **NEW ZEALAND TRANSPORT AGENCY**
SH1 REGION 11 RP350/3.92 TO RP365/2.11
CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2
G.A. - HALSWELL JUNCTION ROAD UNDERPASS

Title Drawing No: **62236-B-S081**

Rev: **0**



2 SOUTH ABUTMENT ELEVATION (NORTH ABUTMENT SIMILAR)
B-S081 1:50



3 SOUTH PIER ELEVATION (NORTH PIER SIMILAR)
B-S081 1:50

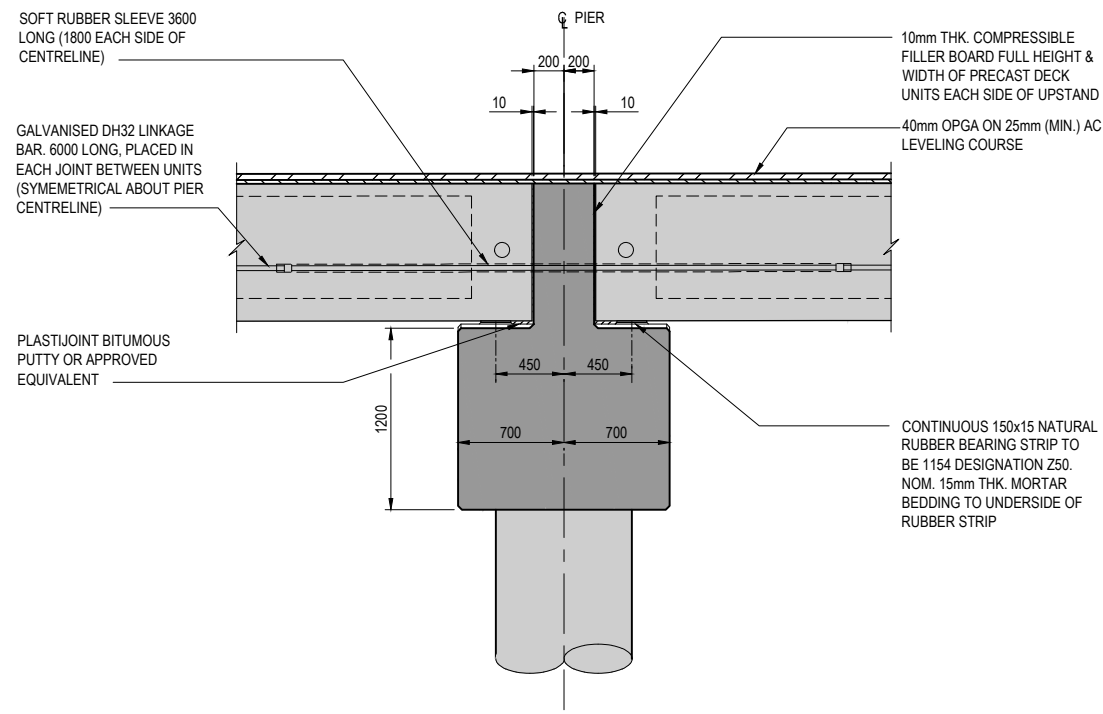
NOTES:
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HOWEVER, OVERALL BRIDGE WIDTH WILL GENERALLY REMAIN AS SHOWN

FOR CONSENT

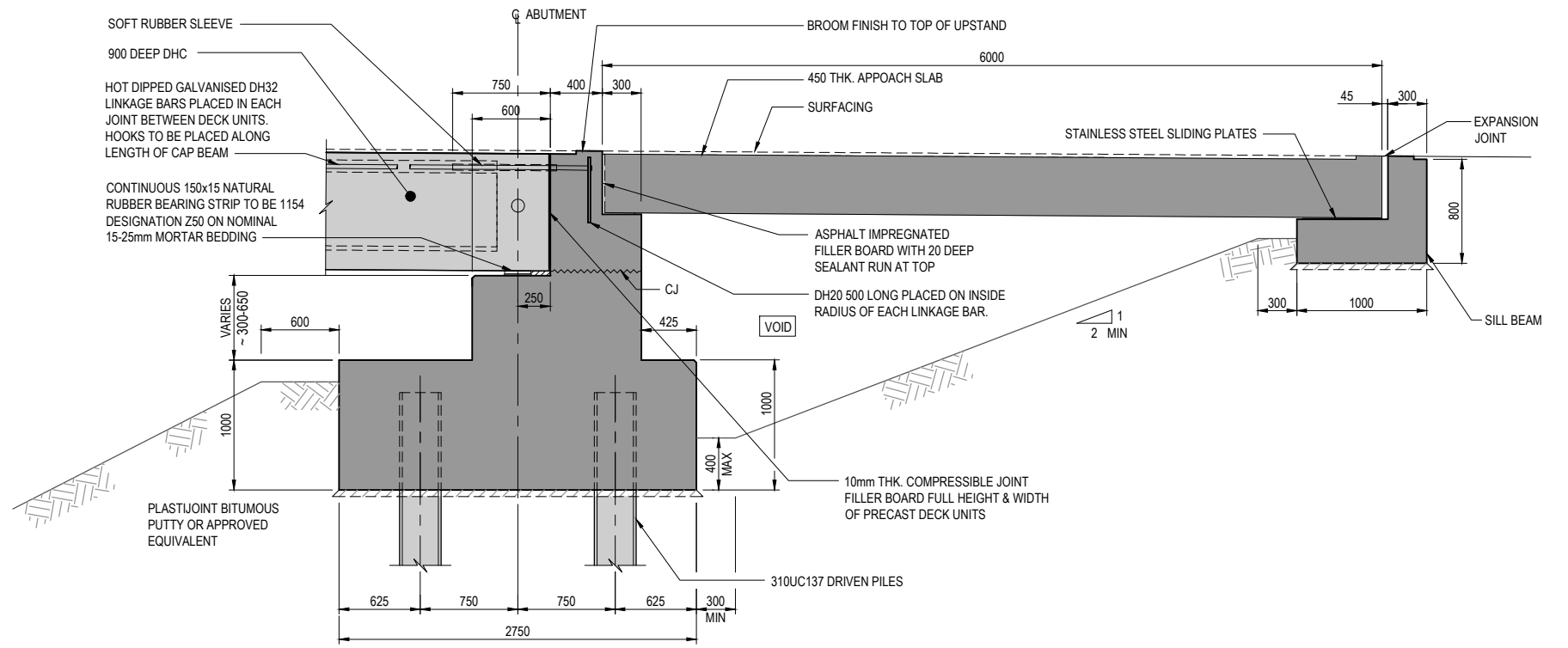
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|----|-------------|---|-------|---------|----------|------|
| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | Drawn | Checked | Approved | Date |



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| DO NOT SCALE <small>This drawing has been prepared for the benefit of the NZ Transport Agency (NZTA). No liability is accepted by these companies or any employee or sub-consultant of these companies with respect to its use by any other person. This disclaimer shall apply notwithstanding that the drawing may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.</small> | Drawn JRO Drafting VWL Approved GARY PAYNE Date 29.08.12 A1 Scale AS SHOWN A3 Scale | Designed VWL Design Check NLS Date 29.08.12 A1 Scale AS SHOWN A3 Scale | Client NEW ZEALAND TRANSPORT AGENCY Project SH1 REGION 11 RP350/3.92 TO RP365/2.11 Title CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 ELEVATION - HALSWELL JUNCTION RD UNDERPASS Drawing No: 62236-B-S082 Rev: 0 |
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A DETAIL
B-S081 1:25



B DETAIL
B-S081 1:25

FOR CONSENT

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| 0 | FOR CONSENT | AF | DGA | GAP | 29.08.12 | | |
| No | Revision | Note: * indicates signatures on original issue of drawing or last revision of drawing | | Drawn | Checked | Approved | Date |



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|----------------|------------|--------------|-----|
| Drawn | JRO | Designed | VWL |
| Drafting Check | VWL | Design Check | NLS |
| Approved | GARY PAYNE | | |
| Date | 29.08.12 | | |
| A1 Scale | AS SHOWN | | |
| A3 Scale | AS SHOWN | | |

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|-------------|---|--|--------|
| Client | NEW ZEALAND TRANSPORT AGENCY | | |
| Project | SH1 REGION 11 RP350/3.92 TO RP365/2.11 | | |
| Title | CHRISTCHURCH SOUTHERN MOTORWAY STAGE 2 DETAIL - HALSWELL JUNCTION RD UNDERPASS | | |
| Drawing No: | 62236-B-S083 | | Rev: 0 |