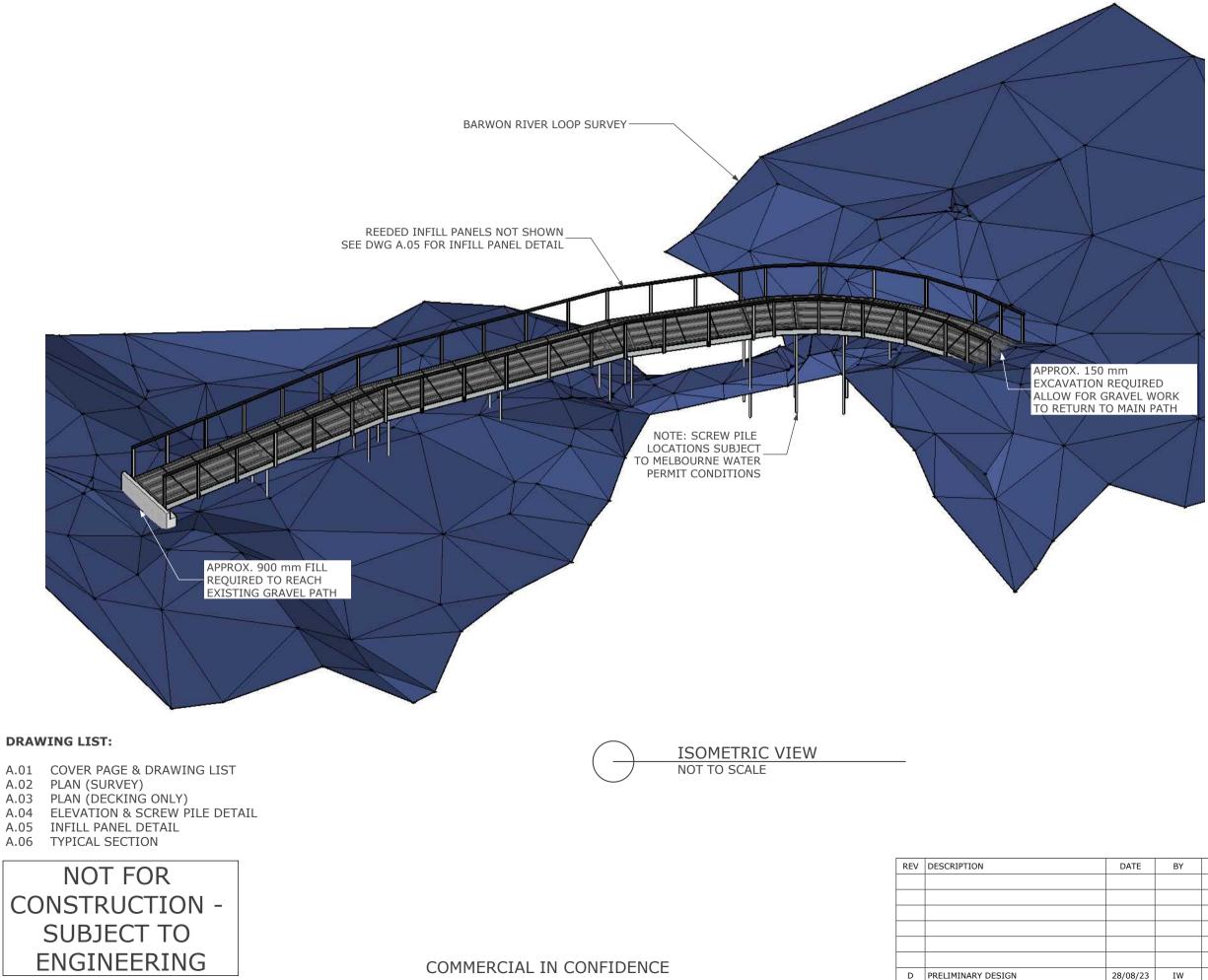
# **BARWON RIVER LOOP BOARDWALK INSTALLATION**





APPLICABLE DESIGN STANDARDS: AS1170.1, AS1170.2, AS5100. DESIGN LIFE: 50 YEARS

3.0kPa

NTI

B1

NIL GRADE N32

NIL REGION A, 41m/s TERRAIN CATEGORY 2

GRADE 500N

GRADE 500N GRADE 500N

GRADE N25

50mm TOP 80mm AGAINST GROUND

NON-SLIP ROUGH SAWN / FRP

GRADE 250 TO AS1594

DESIGN LOADS: LIVE LOADS: VEHICLE LOADS: WIND LOADS:

FLOOD LOADS:

REINFORCEMENT: EXPOSURE CLASS: COVER:

MESH: DEFORMED BAR: PLAIN BAR:

CONCRETE: PIERS: ABUTMENTS: PAVEMENT: FINISH:

STEEL: ALL STEELWORK, BOLTS & BRACKETS TO BE GALVANISED. ENCLOSED STEEL TO BE VENTILATED FOR GALV. FLOW. PLATE: ROLLED: RHS & SHS: WELDS:

GRADE 359 TO AS3679.1 GRADE 350 TO AS1163 6mm CFW CATEGORY GP TO AS1554.1 E48XX ELECTRODES GRADE 8.8/S UNO

BOLTS:

FINISHES: STEELWORK TYP.:

GALVANISED

CLIENT: **Surf Coast Shire Council** 



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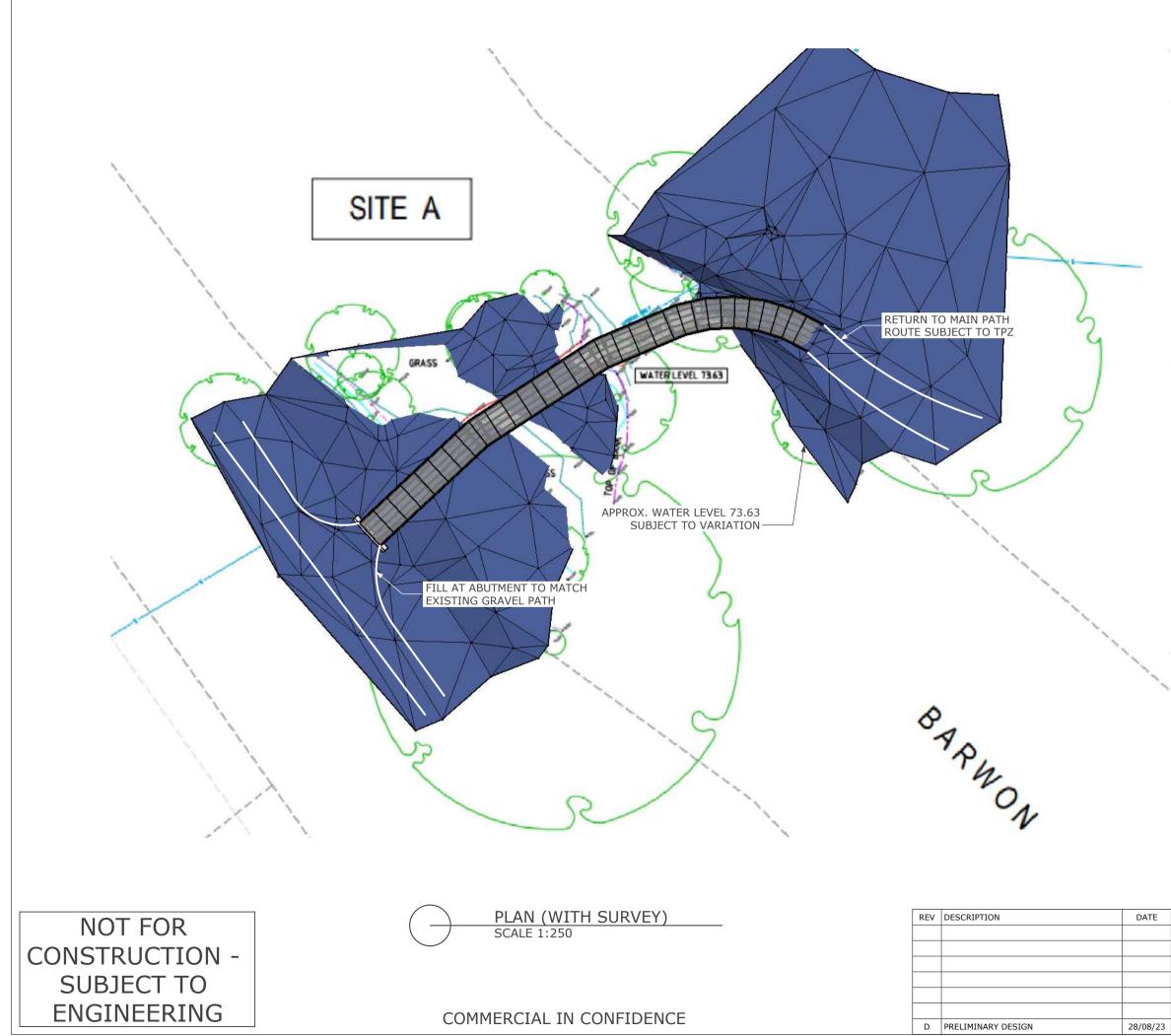
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PROJECT:

### **Barwon River Loop Boardwalk and Viewing Deck Installation**

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APPLICABLE DESIGN STANDARDS: AS1170.1, AS1170.2, AS5100. DESIGN LIFE: 50 YEARS

3.0kPa

NTI

DESIGN LOADS: UVE LOADS: VEHICLE LOADS: WIND LOADS:

FLOOD LOADS:

REINFORCEMENT: EXPOSURE CLASS: COVER:

MESH: DEFORMED BAR: PLAIN BAR:

CONCRETE: PIERS: ABUTMENTS: PAVEMENT: FINISH:

STEEL:

ROLLED: RHS & SHS: WELDS:

B1 50mm TOP 80mm AGAINST GROUND GRADE 500N GRADE 500N GRADE 500N

NIL REGION A, 41m/s TERRAIN CATEGORY 2

NIL GRADE N32 GRADE N25 NON-SLIP ROUGH SAWN / FRP

ALL STEELWORK, BOLTS & BRACKETS TO BE GALVANISED. ENCLOSED STEEL TO BE VENTILATED FOR GALV. FLOW. PLATE: GRADE 250 TO AS1594 GRADE 359 TO AS3679.1 GRADE 350 TO AS1163 6mm CFW CATEGORY GP TO AS1554.1 E48XX ELECTRODES

BOLTS:

FINISHES: STEELWORK TYP.:

GALVANISED

GRADE 8.8/S UNO

CLIENT: Surf Coast Shire Council



GR Design & Construct Pty Ltd ABN 52 132 285 511

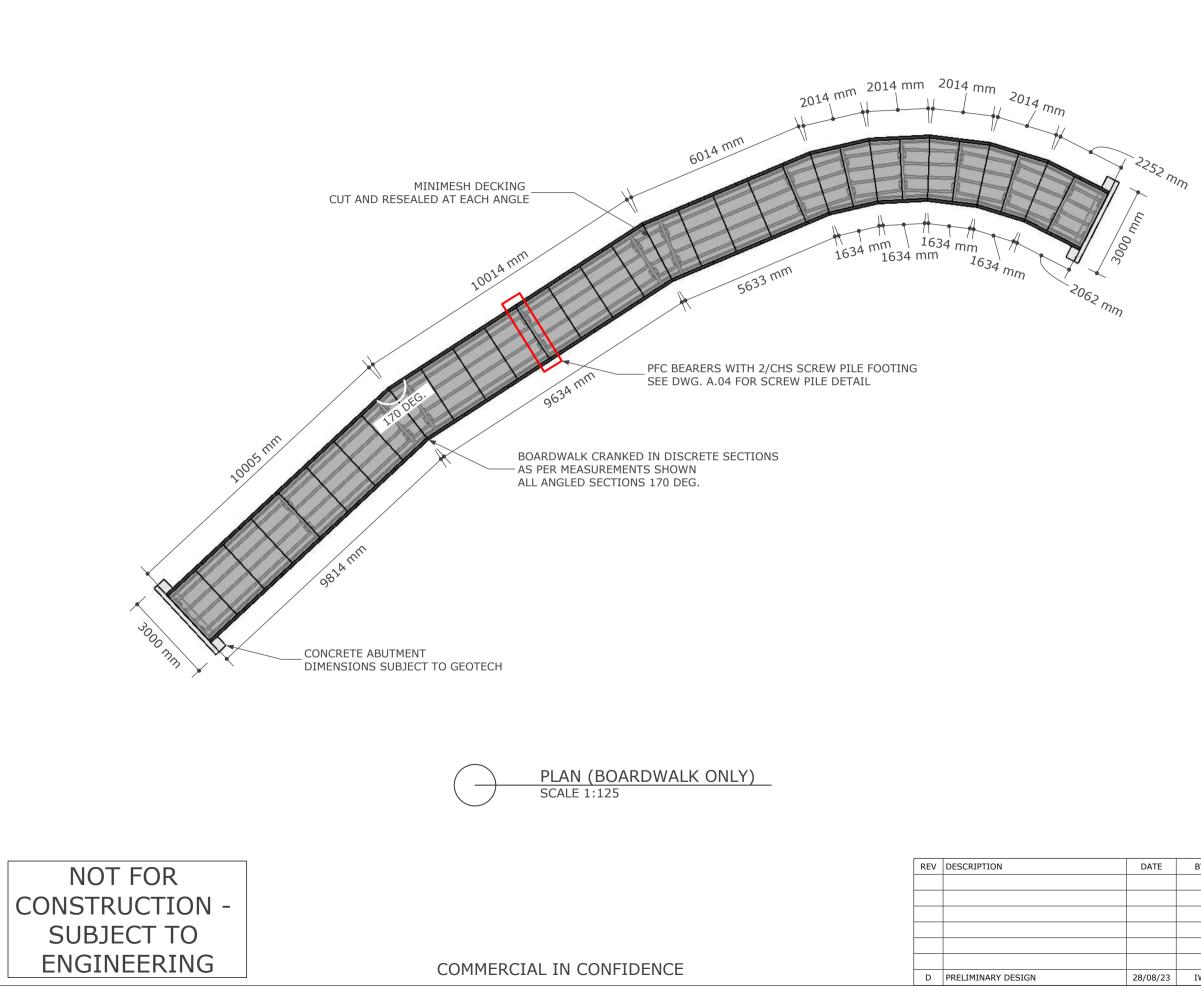
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PROJECT:

## **Barwon River Loop Boardwalk and Viewing Deck Installation**

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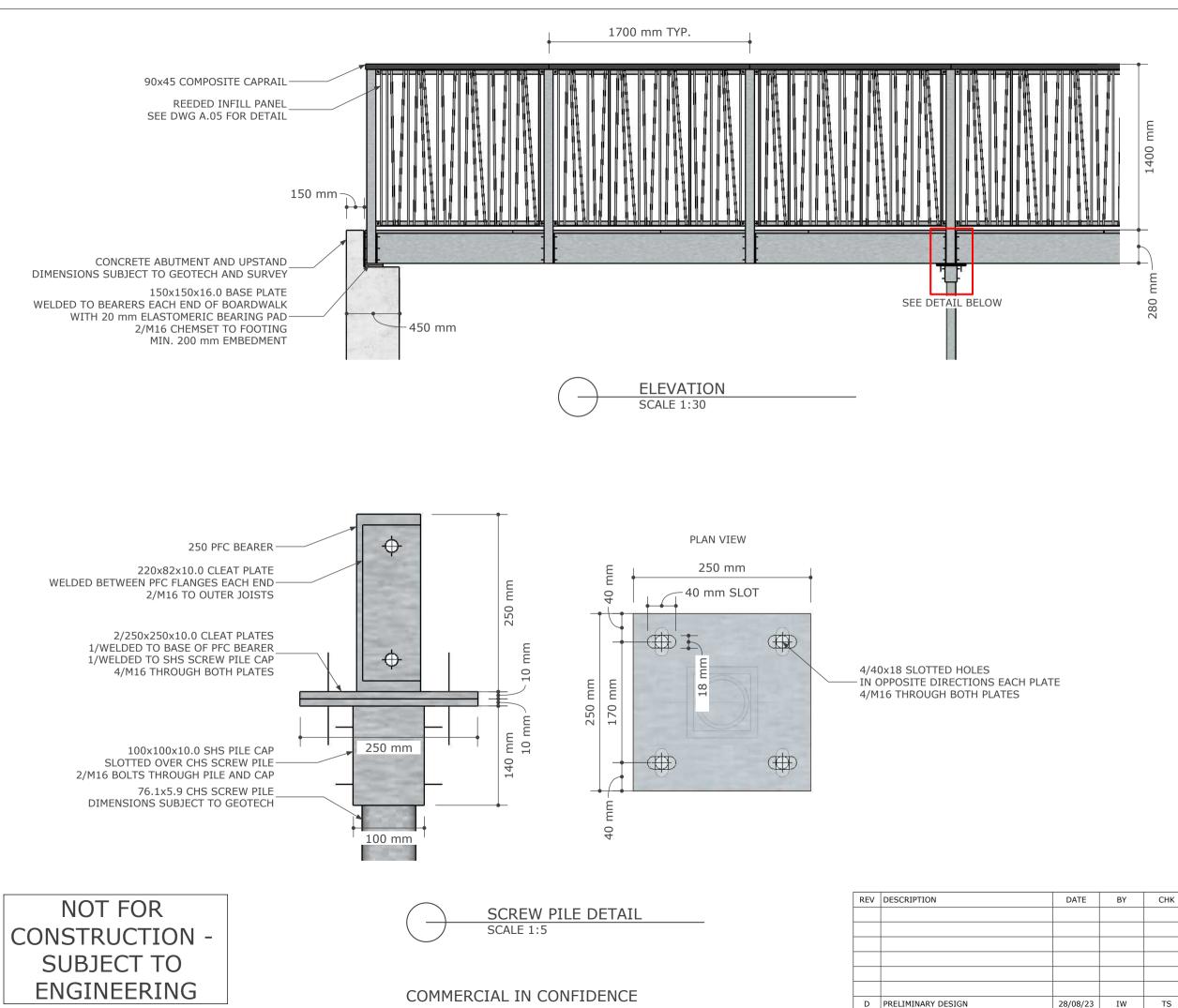


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	PIER ABU PAVE FINI	TMENTS: EMENT:			OUGH SAWN / FF	RΡ					
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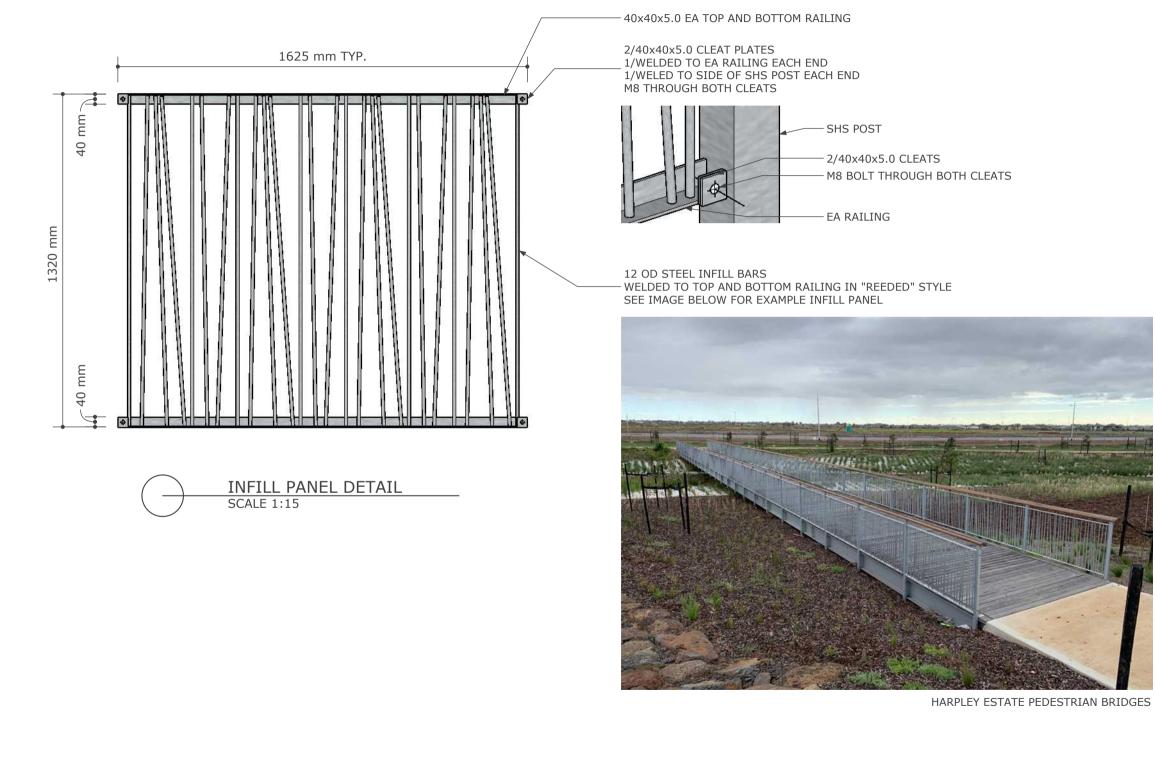


AS1170.1, AS1170.2, AS5100. DESIGN LIFE: 50 YEA 50 YEARS DESIGN LOADS: LIVE LOADS: 3.0kPa VEHICLE LOADS: WIND LOADS: NIL REGION A, 41m/s TERRAIN CATEGORY 2 FLOOD LOADS: NTI REINFORCEMENT: EXPOSURE CLASS: B1 50mm TOP 80mm AGAINST GROUND COVER: MESH: GRADE 500N DEFORMED BAR: PLAIN BAR: GRADE 500N GRADE 500N CONCRETE: PIERS: NIL ABUTMENTS GRADE N32 PAVEMENT: GRADE N25 FINISH: NON-SLIP ROUGH SAWN / FRP STEEL: ALL STEELWORK, BOLTS & BRACKETS TO BE GALVANISED. ENCLOSED STEEL TO BE VENTILATED FOR GALV. FLOW. PLATE: GRADE 250 TO AS1594 GRADE 359 TO AS3679.1 GRADE 350 TO AS1163 ROLLED: RHS & SHS: WELDS: 6mm CFW CATEGORY GP TO AS1554.1 E48XX ELECTRODES BOLTS: GRADE 8.8/S UNO FINISHES: STEELWORK TYP.: GALVANISED **CLIENT:** Surf Coast Shire Council design&construct openspace GR Design & Construct Pty Ltd ABN 52 132 285 511 ph. 1300 733 492 This design and document remain the property of GR Design & Construct Pty Ltd. Unauthorised use of this design and/or document in any form is not permitted without express written permission PROJECT: **Barwon River Loop Boardwalk and Viewing Deck Installation** DRAWING NUMBER: A.04 **Elevation & Screw Pile Detail** 

NOTES:

APPLICABLE DESIGN STANDARDS:

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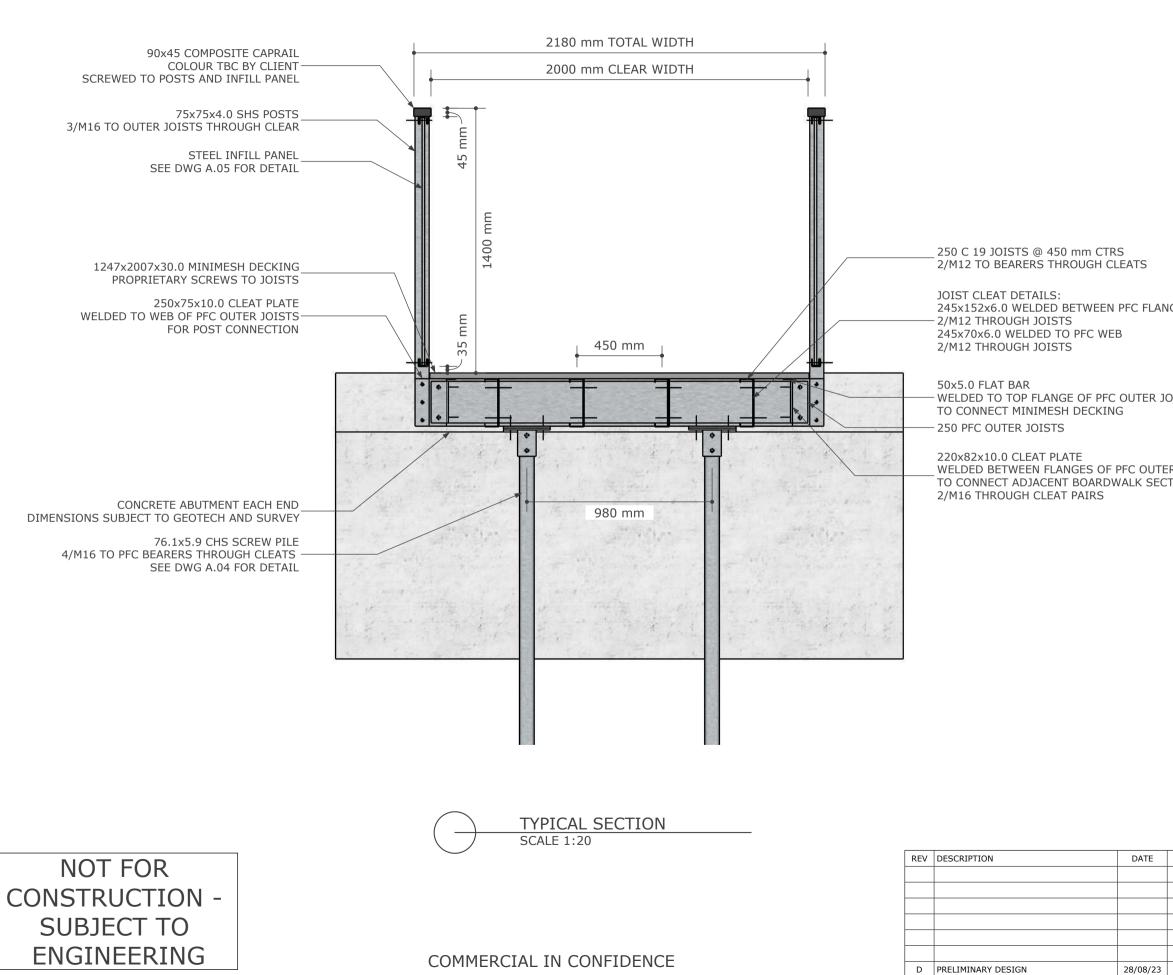
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NOTES: APPLICABLE DESIGN STANDARDS: AS1170.1, AS1170.2, AS5100. DESIGN LIFE: 50 YEARS DESIGN LOADS: LIVE LOADS: VEHICLE LOADS: WIND LOADS: 3.0kPa NIL REGION A, 41m/s TERRAIN CATEGORY 2 FLOOD LOADS: NTI REINFORCEMENT: EXPOSURE CLASS: B1 50mm TOP 80mm AGAINST GROUND COVER: MESH: GRADE 500N DEFORMED BAR: PLAIN BAR: GRADE 500N GRADE 500N CONCRETE: PIERS: ABUTMENTS: NIL GRADE N32 PAVEMENT: GRADE N25 NON-SLIP ROUGH SAWN / FRP FINISH: STEEL: ALL STEELWORK, BOLTS & BRACKETS TO BE GALVANISED. ENCLOSED STEEL TO BE VENTILATED FOR GALV. FLOW. PLATE: GRADE 250 TO AS1594 GRADE 359 TO AS3679.1 GRADE 350 TO AS1163 ROLLED: RHS & SHS: 6mm CFW CATEGORY GP TO AS1554.1 E48XX ELECTRODES WELDS: BOLTS: GRADE 8.8/S UNO FINISHES: STEELWORK TYP.: GALVANISED **CLIENT:** Surf Coast Shire Council design&construct openspace GR Design & Construct Pty Ltd ABN 52 132 285 511 ph. 1300 733 492 This design and document remain the property of GR Design & Construct Pty Ltd. Unauthorised use of this design and/or document in any form is not permitted without express written permission PROJECT: **Barwon River Loop Boardwalk and Viewing Deck Installation** DRAWING NUMBER: CHK A.05

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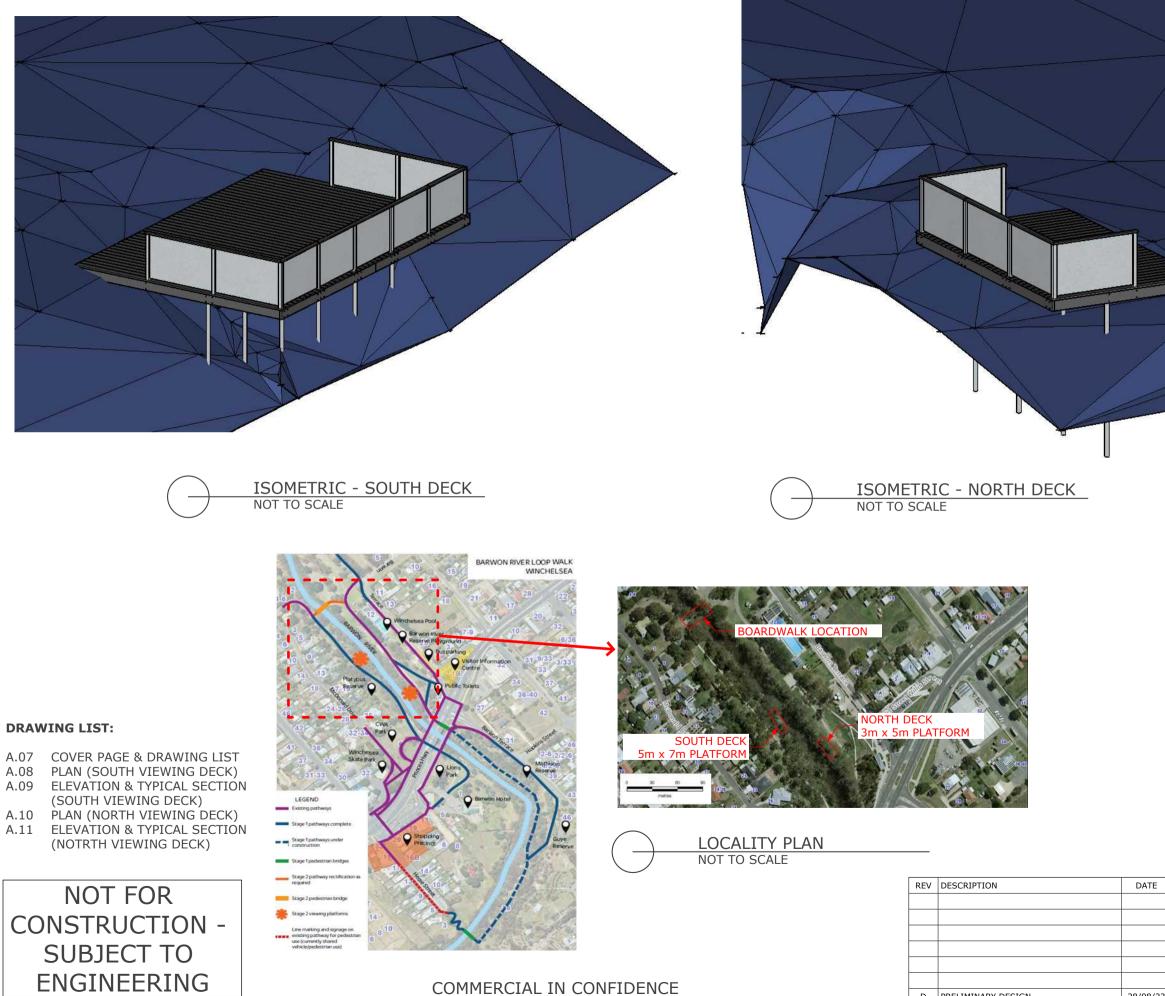
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# **BARWON RIVER LOOP 2x VIEWING DECK INSTALLATION**





#### NOTES:

APPLICABLE DESIGN STANDARDS: AS1170.1, AS1170.2, AS5100. DESIGN LIFE: 50 YEARS

> 3.0kPa NIL REGION A, 41m/s TERRAIN CATEGORY 2

NTI

B1

NIL GRADE N32

GRADE 500N

GRADE 500N GRADE 500N

GRADE N25

DESIGN LOADS: LIVE LOADS: VEHICLE LOADS: WIND LOADS:

FLOOD LOADS:

REINFORCEMENT: EXPOSURE CLASS: COVER:

MESH: DEFORMED BAR: PLAIN BAR:

CONCRETE: PIERS: ABUTMENTS: PAVEMENT: FINISH:

STEEL:

ALL STEELWORK, BOLTS & BRACKETS TO BE GALVANISED. ENCLOSED STEEL TO BE VENTILATED FOR GALV. FLOW. PLATE: ROLLED: RHS & SHS: WELDS:

GRADE 250 TO AS1594 GRADE 359 TO AS3679.1 GRADE 350 TO AS1163 6mm CFW CATEGORY GP TO AS1554.1 E48XX ELECTRODES GRADE 8.8/S UNO

50mm TOP 80mm AGAINST GROUND

NON-SLIP ROUGH SAWN / FRP

BOLTS:

FINISHES: STEELWORK TYP.:

GALVANISED

CLIENT: **Surf Coast Shire Council** 



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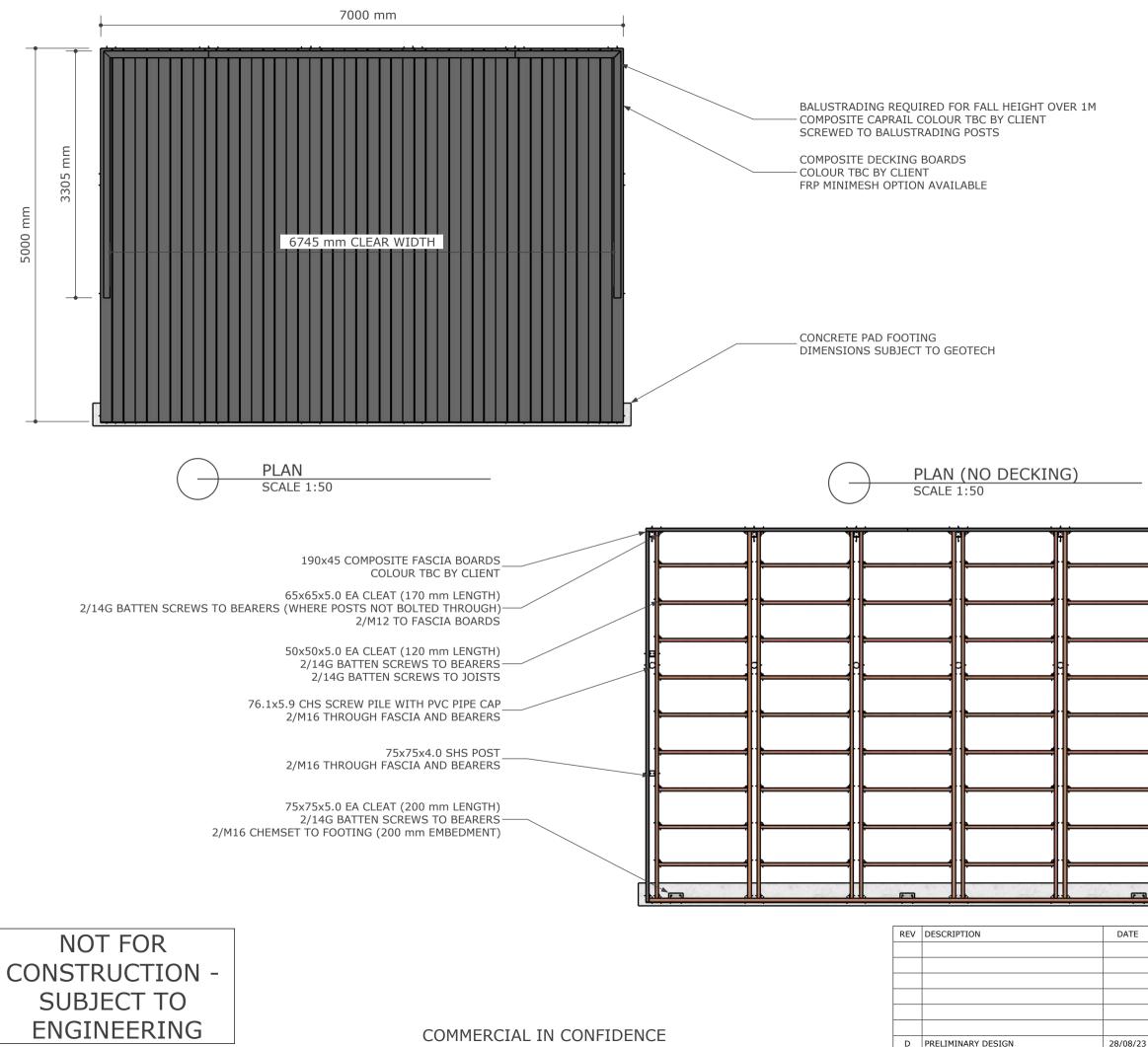
PROJECT:

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28/08/23

#### **Barwon River Loop Boardwalk and Viewing Deck Installation**

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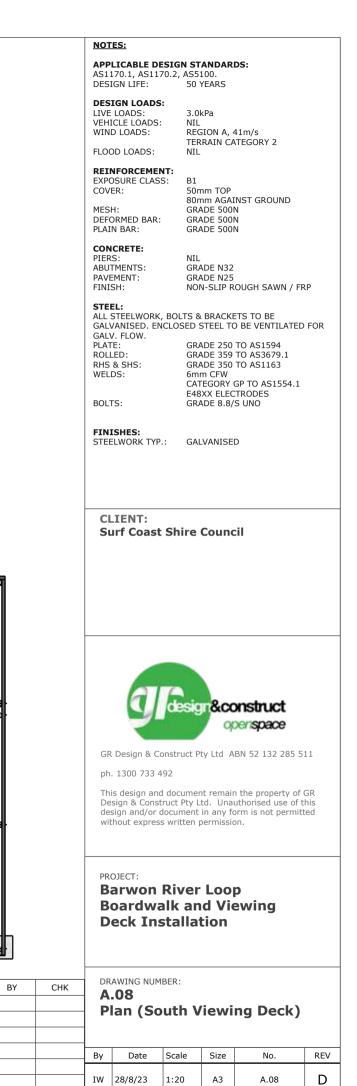


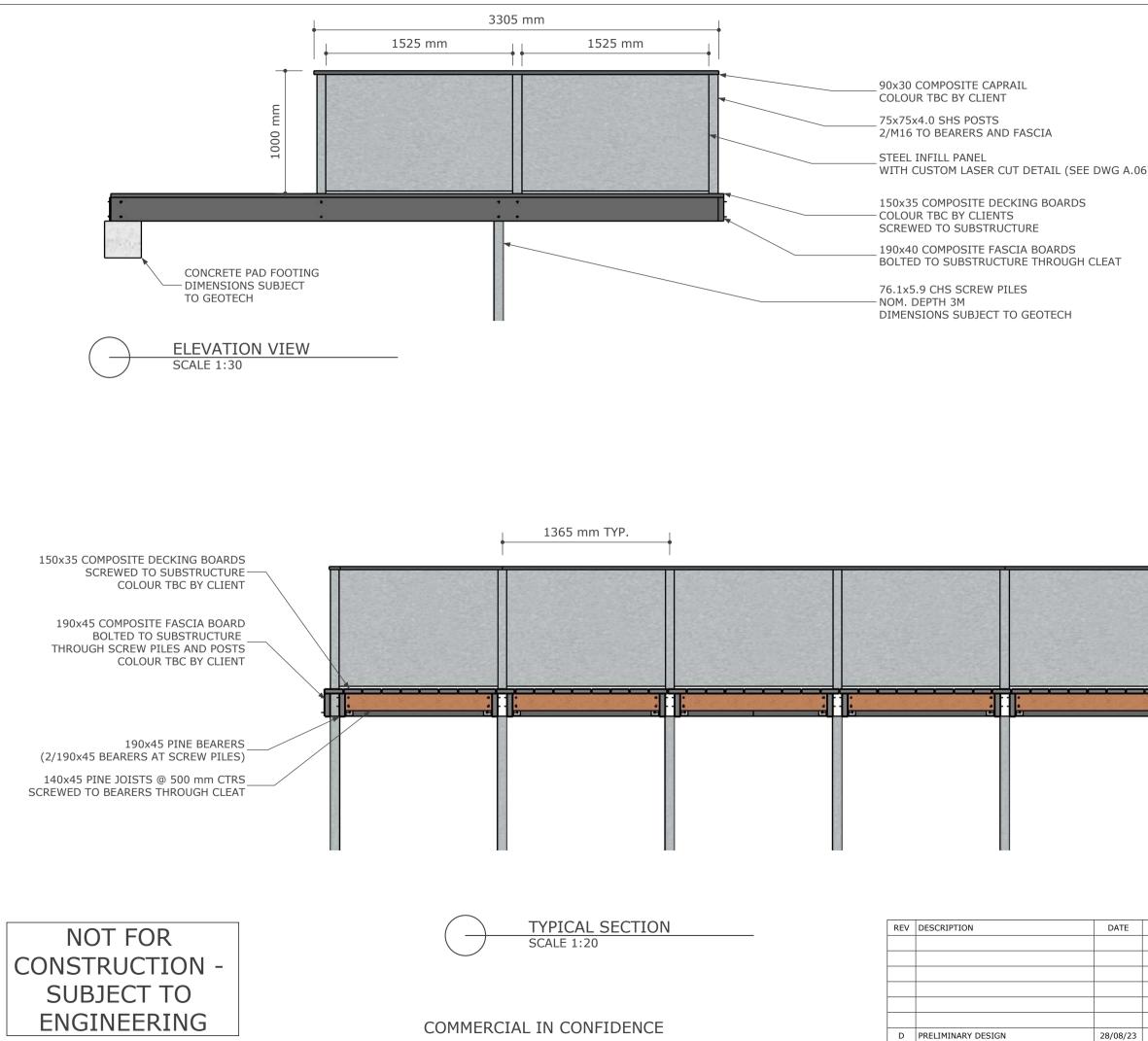
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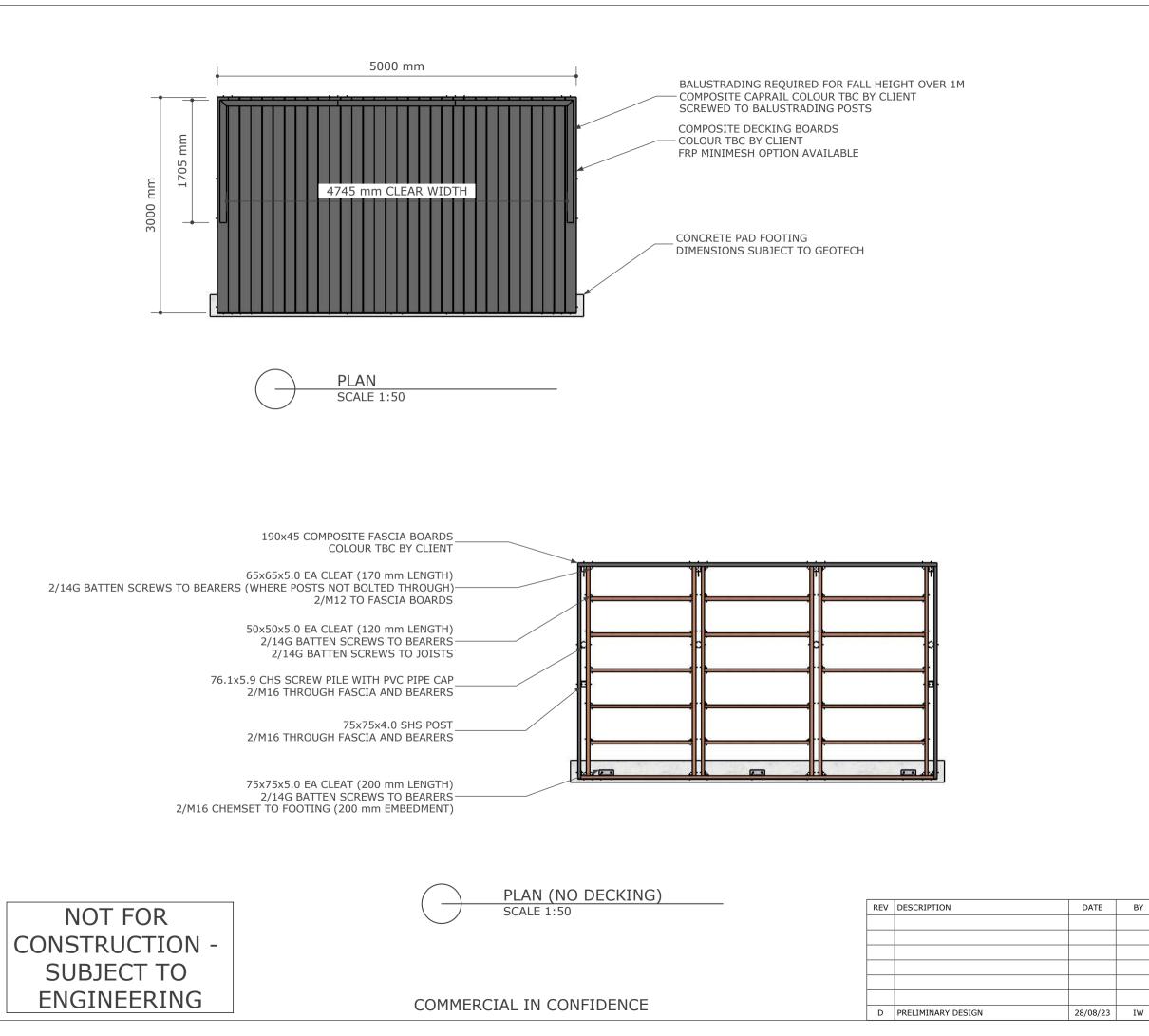
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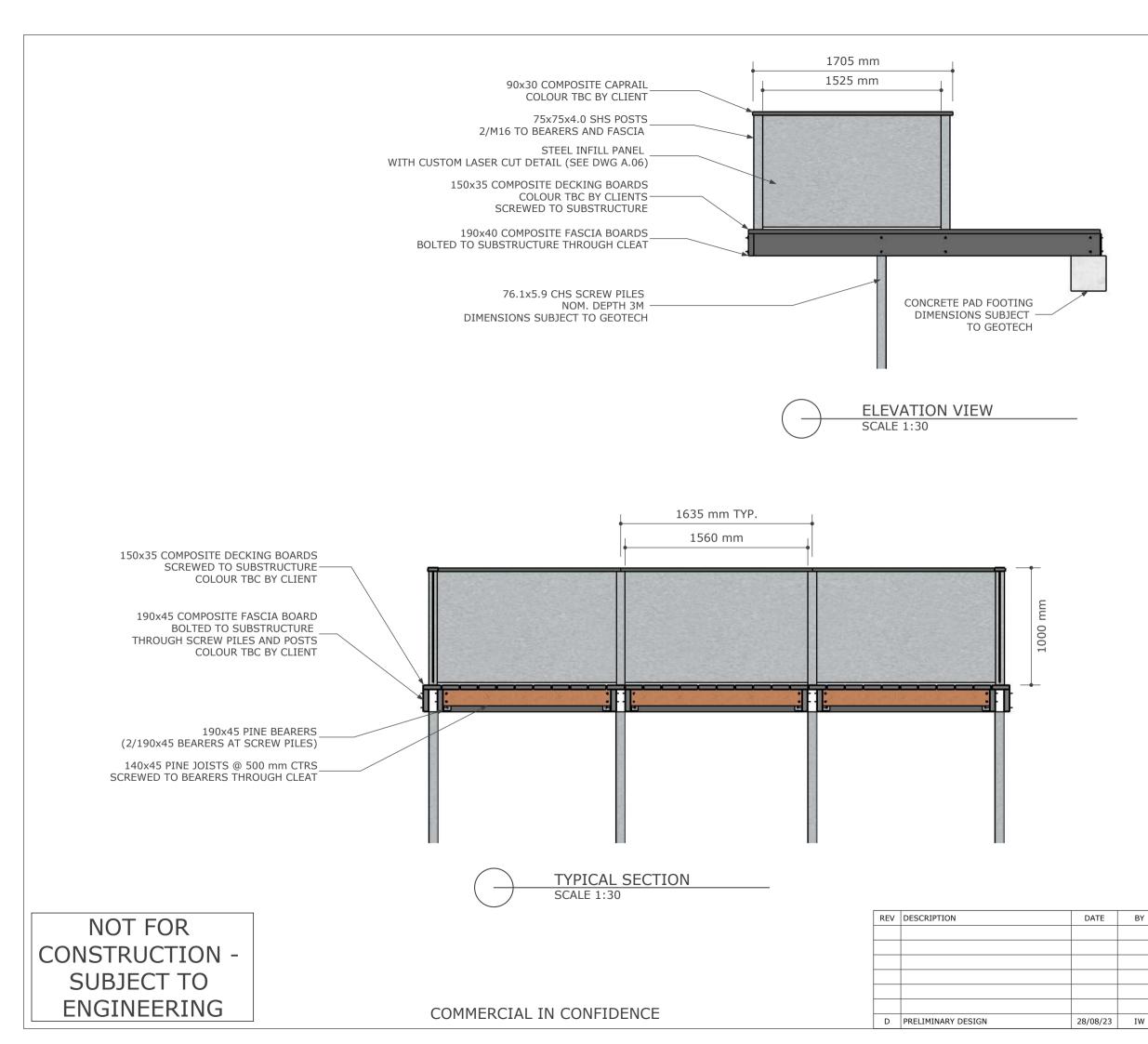




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