

UNLESS OTHERWISE SHOWN ON INDIVIDUAL DRAWINGS, THESE NOTES APPLY TO ALL BRIDGE DRAWINGS.

GENERAL

- G1. DIMENSIONS ARE IN MILLIMETERS.
- G2. STATIONS AND REDUCED LEVELS ARE IN METRES.
- G3. REDUCED LEVELS ARE RELATED TO AUSTRALIAN HEIGHT DATUM.
- G4. ABBREVIATIONS -
 - E DENOTES EXPANSION BEARING.
 - F DENOTES FIXED BEARING.
 - R DENOTES RESTRAINED BEARING.
 - SOP DENOTES SETTING OUT POINT.
 - LV DENOTES LENGTH VARIES.
 - EJ DENOTES EXPANSION JOINT.
 - CJ DENOTES CONSTRUCTION JOINT.
 - BJ DENOTES BARRIER JOINT.
 - ABR ALTERNATE BARS REVERSED.
 - ABS ALTERNATIVE BARS STAGGERED.
 - SL STAGGERED LAPS.
 - NSOP NOTSHOWN ON PLAN.
 - NCF NO CHAMFER OR FILLET.
 - UNO UNLESS NOTED OTHERWISE.
 - HFL HIGH FLOOD LEVEL.
 - NWL NORMAL WATER LEVEL.
- G5. INFORMATION OF EXISTING SERVICES AND UTILITIES SHOWN ARE BASED ON SURVEY DATA AVAILABLE AT TIME OF DESIGN AS SUCH THE ACCURACY AND EXISTENCE OF OTHER MISSING INFORMATION SHOULD BE VERIFIED BEFORE WORK COMMENCES ON SITE.
- G6. OPTIONAL CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL DESIGN REPRESENTATIVE FOR APPROVAL.

REINFORCEMENT - ABUTMENTS, PIERS, FOOTINGS & SUPERSTRUCTURES

- R1. NOMINAL COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SURFACE SHALL BE IN ACCORDANCE WITH TABLE 2 UNO.
- R2. UNLESS NOTED OTHERWISE ON THE DRAWINGS, LAPS ON ADJACENT BARS ON ANY FACE SHALL BE STAGGERED BY NO LESS THAN THE LAP LENGTH.
- R3. UNLESS OTHERWISE SPECIFIED, THE MINIMUM DEVELOPMENT LENGTHS AND LENGTHS OF LAPS SHALL BE AS GIVEN IN TABLE 1 BELOW.

TABLE 1

BAR SIZE	N12	N16	N20	N24	N28	N32	N36
HORIZONTAL BARS WITH >300mm OF CONCRETE CAST BELOW THE BAR	400	650	750	900	1150	1500	1750
OTHER BARS	300	500	600	700	900	1200	1400

- R4. WHERE MORE THAN 50% OF BARS ARE LAPPED IN ANY ONE CROSS SECTION ON ANY FACE, THE LAPS SHOWN IN THE TABLE ABOVE SHALL BE INCREASE BY A FACTOR OF 1.3.
- R5. REINFORCEMENT MAY BE DISPLACED SLIGHTLY WHERE NECESSARY TO CLEAR STEEL DOWELS, ANCHOR BOLTS, DRAINAGE PIPES, FORMED HOLES AND RECESSES.
- R6. MECHANICAL COUPLERS SHALL BE CAPABLE OF DEVELOPING A STRESS IN TENSION OR COMPRESSION OF NO LESS THAN 1.1f_{sy}, AS APPROPRIATE TO THE WEAKER BAR AT THE SPLICE. THE COUPLER SHALL BE SUBMITTED TO THE SITE SUPERINTENDENT FOR APPROVAL.
- R7. WHERE HELICAL REINFORCEMENT IS SHOWN: THE HELIX SHALL BE ANCHORED AT ITS ENDS BY ONE AND ONE HALF EXTRA TURNS OF THE HELIX AT 50mm PITCH. IT MAY BE SPLICED WITHIN ITS LENGTH EITHER BY WELDING OR BY MECHANICAL MEANS.
- R8. WHERE PRACTICABLE BARS ARE NUMBERED STARTING WITH '1' AS THE FIRST BAR PLACED AT THE BOTTOM OF EACH STRUCTURAL ELEMENT.
- R10. FOR REINFORCEMENT BAR SHAPES REFER TO STANDARD BAR SHAPES DRAWINGS.

CONCRETE - ABUTMENTS, PIERS, FOOTINGS & SUPERSTRUCTURES

- C1. ALL CONCRETE SHALL BE CONSTRUCTED IN ACCORDANCE WITH RTA SPECIFICATION B80.
- C2. EDGES SHALL BE CHAMFERED 20x20 AND REENRANT ANGLES FILLETED 20x20 UNLESS SPECIFIED OTHERWISE.
- C3. GAP BETWEEN PLANK/GIRDER TOP FLANGES SHALL BE FILLED WITH SEALANT COMPRESSIVE BACKING ROD OR PROPRIETARY SEAL.
- C4. BLINDING AND MASS CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH EQUAL TO THE STRUCTURAL MEMBER.
- C5. MINIMUM THICKNESS OF BLINDING SHALL BE 50mm UNLESS NOTED OTHERWISE.
- C6. MINIMUM COMPRESSIVE STRENGTH OF MORTAR AT 28 DAYS TO BE 40MPa UNO.

TABLE 2 - CONSTRUCTION REQUIREMENTS

CONCRETE ELEMENT	LOCATION	CONCRETE SPECIFICATION		NOMINAL COVER TO NEAREST REINFORCEMENT [mm]
		EXPOSURE CATEGORY	CONCRETE f _c [MPa]	
SUPERSTRUCTURE	DECK SLAB	A	40	30 - BOTTOM
	PRECAST PLANKS	A	50	35 - TYPICAL UND
SUBSTRUCTURE	ABUTMENT	B1	40	40 - TYPICAL UND
	PIER HEADSTOCK	B1	40	40 - TYPICAL UND
	PSC PILES	B1	40	70 - TYPICAL UND
MISCELLANEOUS	TRAFFIC BARRIER	A	50	55 - STITCH BEAM
	APPROACH SLABS	B1	40	40-TYPICAL UND
	WING WALL	B1	40	40 - TYPICAL UND

PRECAST CONCRETE FOR STRUCTURES OTHER THAN PSC GIRDERS & PLANKS

- PC1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS5100 AND THE RTA SPECIFICATION B115
- PC2. DIMENSIONS SHOWN ARE FINAL STRUCTURAL SIZES AND ADDITIONAL CONCRETE MUST BE PROVIDED TO ALLOW FOR LOSS OF STRUCTURAL THICKNESS DUE TO THE USE OF RETARDING AGENTS AND SURFACE TREATMENT.
- PC3. PANEL STRUCTURAL THICKNESS SHALL BE AS NOTED.
- PC4. ALL METAL WORK AND CAST-IN FIXING SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH AS1650 UND. TOP SURFACE LIFTING FERRULES LEFT FINALLY EXPOSED SHALL BE STAINLESS STEEL.
- PC5. ALL CAST-IN FERRULES SHOWN ON THE DRAWINGS ARE TO REMAIN SEALED UNTIL THE ERECTION OF THE UNIT. THEY ARE NOT TO BE USED FOR LIFTING PURPOSES.
- PC6. NO INSERTS SHALL BE 'SHOT' (FIRED) OR DRILLED INTO THE UNITS WITHOUT APPROVAL BY THE ENGINEER.
- PC7. FABRIC IN PANELS SHALL BE OF ONE SHEET - NO LAPPING IS PERMITTED UNLESS SHOWN ON STRUCTURAL DRAWINGS.
- PC8. PENETRATIONS FOR SERVICES SHALL BE NEAT FORMED HOLES. HOLE BORING THROUGH PANELS WILL NOT BE PERMITTED.
- PC9. TEMPORARY STEEL PACKERS TO BE USED FOR LEVELLING MAY BE LEFT PERMANENTLY PROVIDED THEY HAVE A MINIMUM OF 50mm GROUT COVER AND ENSURE BEARING PRESSURE LESS THAN 7MPa.
- PC10. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL DESIGN REPRESENTATIVE FOR APPROVAL BEFORE FABRICATION COMMENCES. SHOP DRAWINGS SHALL SHOW ALL CAST-IN INSERTS.
- PC11. EXTRA REINFORCEMENT TO THE PRECAST UNITS, SHALL BE ADDED WHERE REQUIRED BY THE LIFTING METHODS.

- PC12. LIFTING DEVICES/HOOKS SHALL BE DESIGNED BY THE PRECAST MANUFACTURER.
- PC13. ALL LIFTING DEVICES/HOOKS SHALL BE CUT BACK TO PROVIDE NOMINAL COVER TO THE CONCRETE SURFACE AND PATCHED WITH A CEMENTIOUS MORTAR TO MATCH THE PRECAST UNIT SURFACE.
- PC14. HANDLING PROCEDURES INCLUDING STRIPPING, LIFTING, STACKING, TRANSPORTATION AND ERECTION OF PRECAST UNITS SHALL BE SUPPLIED TO THE ENGINEER FOR APPROVAL. STRESSES THROUGHOUT HANDLING SHALL NOT CAUSE CRACKING.

GEOTECHNICAL

- G1. PILES SHALL BE CONSTRUCTED IN ACCORDANCE TO RTA SPECIFICATION B59.
- G2. THE DESIGN FOR PILES AND FOOTINGS HAS BEEN UNDERTAKEN BASED ON A SITE EVALUATION FROM DISCRETE TEST BORE HOLE DATA RECORDED. GENERALISED OR IDEALISED SUBSURFACE CONDITIONS INCLUDING THE INDICATED SOIL STRATUM LEVELS SHOWN ON THE DRAWINGS HAVE BEEN ASSUMED OR PREPARED BY INTERPOLATION/EXTRAPOLATION OF THIS DATA. LOCAL VARIATIONS OR ANOMALIES IN THE GENERALISED GROUND CONDITIONS CAN OCCUR AS SUCH, THESE CONDITIONS ARE AN INTERPRETATION AND MUST BE CONSIDERED AS A GUIDE ONLY.
- G3. WHERE REFERRED TO IN THE DRAWINGS, THE ESTIMATED DEPTH OF ANY FOOTING (PILES, ETC) IS AN ENGINEERING ESTIMATE OF THE DEPTH TO WHICH THEY SHOULD BE CONSTRUCTED. THE DEPTH REMAINS, HOWEVER, AN ESTIMATE AND THEREFORE LIABLE TO VARIATION. VERIFICATION INSPECTION AND MAPPING DURING CONSTRUCTION IS REQUIRED.
- G4. ANY CHANGE IN DESIGN, CONSTRUCTION METHOD OR IN GROUND CONDITION AS NOTED DURING CONSTRUCTION, FROM THOSE ASSUMED IN THIS REPORT SHOULD BE REFERRED TO THE GEOTECHNICAL DESIGN REPRESENTATIVE.
- G5. BACKFILL MATERIAL TO STRUCTURAL ELEMENTS SHALL BE IN ACCORDANCE WITH RTA SPECIFICATION B30. BACKFILL MATERIAL SHALL BE NON-AGGRESSIVE SUCH THAT THE LOCAL ENVIRONMENT DOES NOT EXCEED AN EXPOSURE CLASSIFICATION OF B1 IN ACCORDANCE WITH AS5100.4.

STEELWORK - MINOR STEEL ITEMS

- SS1. STEEL PLATES SHALL BE GRADE 250 TO AS/NZS 3678 U.N.D
- SS2. STEEL SECTIONS SHALL BE GRADE 300 TO AS/NZS 3679.1 U.N.D.
- SS3. STEEL DOWELS SHALL BE GRADE 250R TO AS4671 U.N.D.
- SS4. RECTANGULAR AND SQUARE HOLLOW SECTIONS SHALL BE GRADE C350L0 TO AS 1163 U.N.D.
- SS5. BOLTING CATEGOR FOR HIGH-STRENGTH STEEL BOLTS SHALL BE 8.8/S IN ACCORDANCE WITH AS5100.6.
- SS6. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AS/NZS1554.1 WITH ADDITIONAL REQUIREMENTS AS GIVEN IN ALLIANCE SPECIFICATION B204. THE WELD CATEGORY SHALL BE SP IN ACCORDANCE WITH AS/NZS 1554.1.
- SS7. WELDING SYMBOLS COMPLY WITH AS 1101 PART 3.
- SS8. EDGES TO BE PROTECTIVE TREATED SHALL BE ROUNDED TO A RAIDUS OF 1.5mm UNLESS SPECIFIED OTHERWISE.
- SS9. ALL COMPONENTS EXCEPTS STAINLESS STEEL ITEMS SHALL BE HOT-DIP GALVANISED AFTER FABRICATION.
- SS10. DAMAGED GALVANISED SURFACES SHALL BE RENOVATED WITH A TWO PACK ORGANIC ZINC-RICH PRIMER IN ACCORDANCE WITH RTA SPECIFICATION B220.
- SS11. BOLTS, NUTS AND WASHERS SHALL BE HOT-DIP GALVANISED IN ACCORDANCE WITH RTA SPECIFICATION B240.
- SS12. EXPOSED BUTT WELDS SHALL BE GROUND FLUSH.
- SS13. THE LONGITUDINAL SEAM IN RHS SECTIONS SHALL BE ON THE UNDERSIDE OF HORIZONTAL SECTIONS AND INSIDE OF VERTICAL SECTIONS.

SEALANT JOINTS

- SJ1. SEALANT SHALL CONFORM TO RTA SPECIFICATION B312.
- SJ2. SEALANT IN CONTACT WITH ASPHALT SHALL BE COMPATIBLE WITH ASPHALT.
- SJ3. COLOUR CODED, SELF ADHESIVE PRESSURE SENSITIVE TAPE MADE FROM NON-STICK MATERIAL SUCH AS TEFLON OR POLYETHYLENE SHALL BE USED AS BOND BREAKERS.
- SJ4. BACKER ROD SHALL BE NON-ABSORBENT CLOSED CELL POLYTHEN OR NEOPRENE (PARBURY'S EXPANDAFOAM BACKER ROD OR APPROVED EQUIVALENT) INSTALLED WITH 25% COMPRESSION.
- SJ5. SEALANTS SHALL BE APPLIED BETWEEN 7.00AM AND 11.00AM AT TEMPERATURES NOT LESS THAN 10°C OR NOT MORE THAN 35°C.
- SJ6. JOINT WIDTH AT INSTALLATION SHALL NOT EXCEED THE SPECIFIED WIDTH ± MOVEMENT RANGE SPECIFIED.

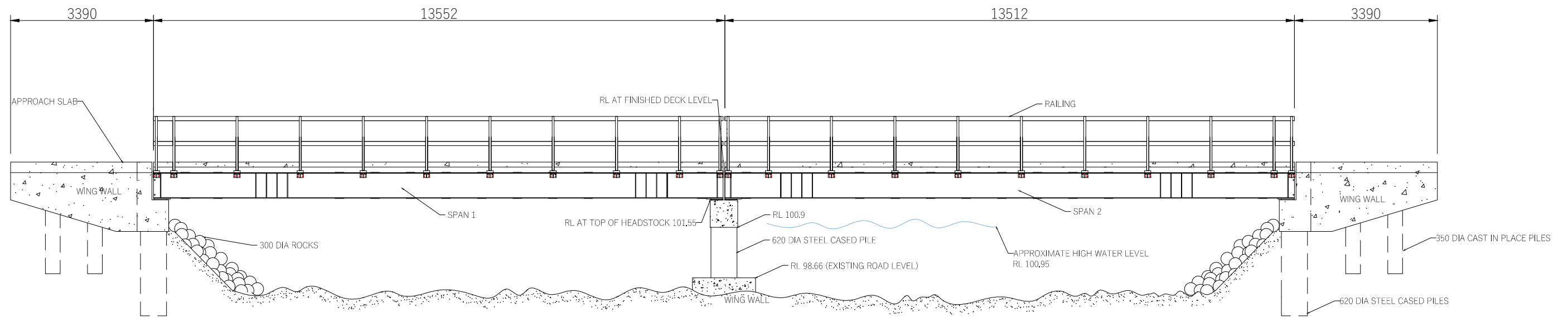
BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION

NEW BRIDGE:

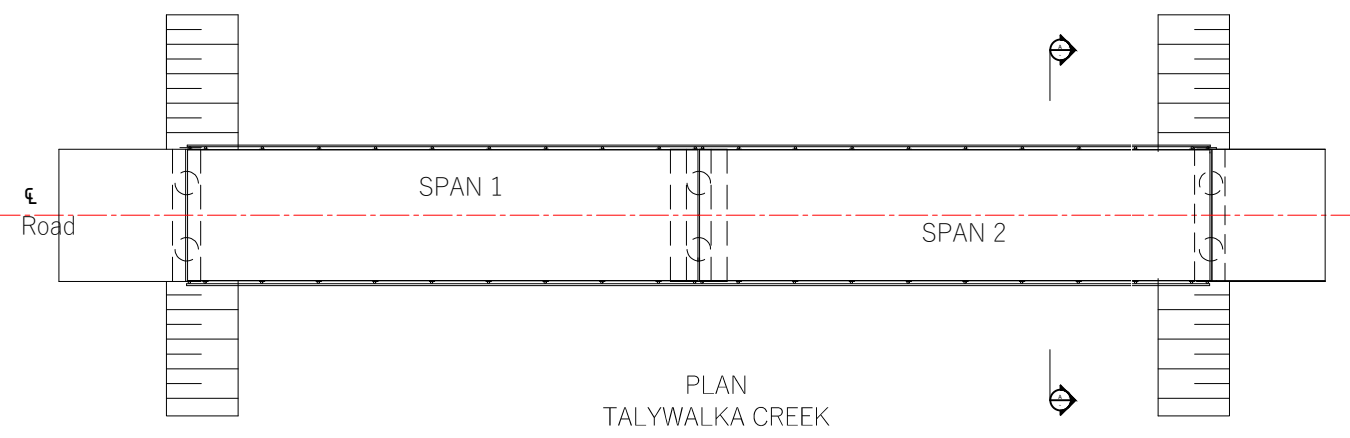
- PROJECT NUMBER: 6283
- DESIGN SPEED 10km/h
- DESIGN STANDARDS: AS 5100, 1-5 BRIDGE DESIGN
- DESIGN LOADING: SM1600
- BARRIER PERFORMANCE LEVEL: LOW - FALL FROM HEIGHT PROTECTION ONLY
- PEDESTRIAN LOADING: 5KPa
- REFERENCE DESIGN REPORTS:**
- GEOTECHNICAL/SOIL INVESTIGATION & DESIGN REPORT BY METALINE ENGINEERING GROUP, PROJECT NUMBER 6283.
- SURVEY STUDY: GRAHAM HOWE SURVEYING.



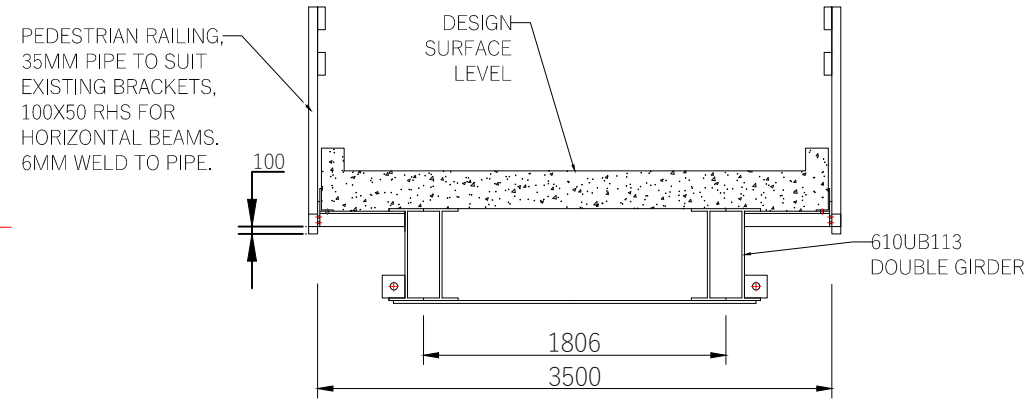
				<p>331 Cummins Street, BROKEN HILL, NSW, 2880 MOB: 0484 770 945</p> <p>A.C.N. 63 7312951 www.metaline-engineering.com</p>	CIVIL STRUCTURAL COMMERCIAL RESIDENTIAL GEOTECHNICAL BUILDING SERVICES PROJECT MANAGEMENT RAIL/ROLLINGSTOCK AUTOMOTIVE	Client:	Jack & Hollie PALMER	ISSUE FOR CONSTRUCTION			
F	ISSUE FOR CONSTRUCTION	26.10.21	A.M			Project:	BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION				Designed:
E	FOR REVIEW	25.10.21	A.M			Drawing:		Drawn:	W.B.	Date:	OCT 2021
D	FOR REVIEW	24.10.21	A.M			Checked:		Checked:	A.M.	No. of Sheets:	8
C	FOR REVIEW	22.10.21	A.M			Project No.	6283	Project No.	6283	Drawing No.	S1
B	FOR REVIEW	21.10.21	A.M			Rev.		Rev.			F
A	FOR REVIEW	21.10.21	A.M			Drawing:	General Notes:				
Rev.	Remark/Comment	Date	Apv.								



ELEVATION



PLAN
TALYWALKA CREEK



A-A
VIEW TO MENINDEE

- Notes
- FOR GENERAL NOTES AND CONSTRUCTION REQUIREMENTS REFER SHEET 003.
 - DIMENSIONS ARE IN MILLIMETRES.
 - CHAINAGES AND REDUCED LEVELS ARE IN METRES.
 - ALL REDUCED LEVELS ARE BASED ON AHD.
 - DESIGN VEHICLE LOADING SM1600 HLP 420 IN ACCORDANCE WITH AS 5100 PART 2.
 - FOR EXISTING BRIDGE DETAILS CONSULT APPROPRIATE AUTHORITIES.
 - TRAFFIC BARRIER TO LOW PERFORMANCE BARRIER DESIGN.
 - IF REQUIRED - ASPHALTIC CONCRETE INCLUDING SPRAYED POLYMER MODIFIED BITUMINOUS MEMBRANE TO BE A TOTAL OF 75mm THICK ON BRIDGE DECK SURFACE AND IN ACCORDANCE WITH THE RMA SPECIFICATION DCM B344.
 - UTILITIES ARE SHOWN INDICATIVELY AND MAY NOT BE LOCATED EXACTLY AS SHOWN ON PLAN. CONTRACTOR TO LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
 - ANY DISCREPANCY SHALL BE REFERRED TO THE RELEVANT PARTIES BEFORE PROCEEDING WITH THE WORK CONSTRUCTION FROM THESE DRAWINGS AND THEIR ASSOCIATED CONSULTANTS DRAWINGS, IS NOT TO COMMENCE UNTIL APPROVED BY THE RELEVANT AUTHORITIES.
 - THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT DESIGN REPORT.
 - ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND REQUIREMENTS OF THE RELEVANT AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
 - ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE CONTRACTOR ON SITE. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
 - ANY VARIATION FROM WHAT IS SHOWN ON DRAWINGS SHALL BE NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE RELEVANT PARTIES.

G	ISSUE FOR CONSTRUCTION Rev1	28.02.22	A.M
F	ISSUE FOR CONSTRUCTION	26.10.21	A.M
E	FOR REVIEW	25.10.21	A.M
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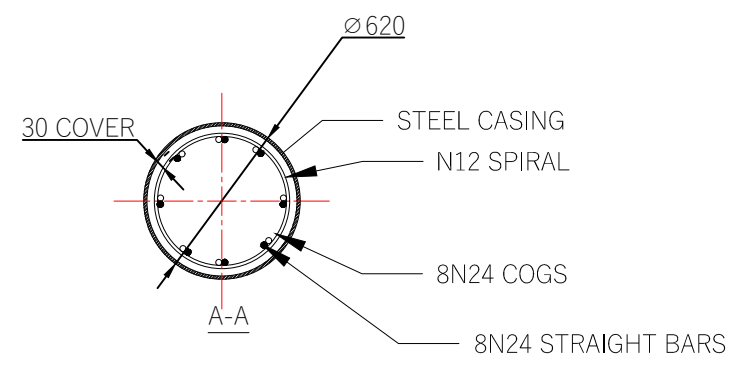
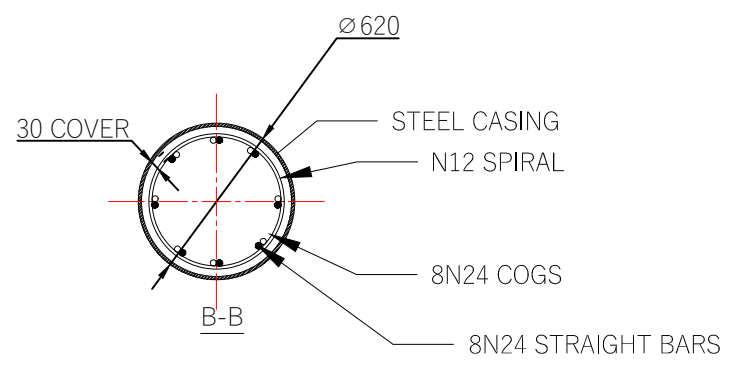
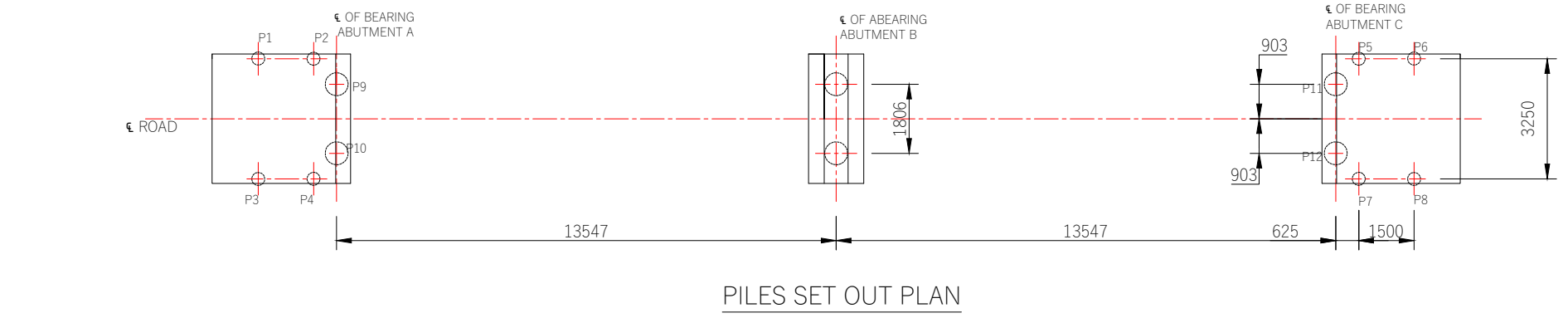
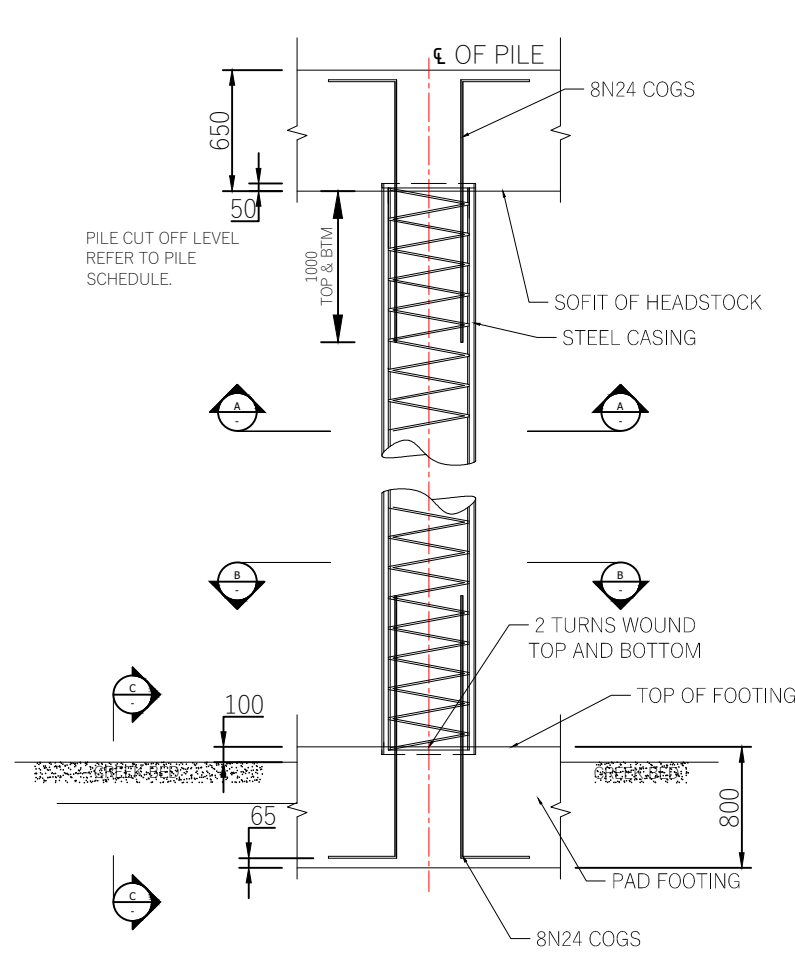
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Client: Jack & Hollie PALMER

Project: BRIDGE OVER TALYWALKA CREEK AT TINTINALLOGY STATION

Drawing: General Arrangement

ISSUE FOR CONSTRUCTION			
Designed:	A.M.	Scale (A3):	
Drawn:	W.B.	Date:	FEB 2022
Checked:	A.M.	No. of Sheets:	8
Project No.	6283	Drawing No.	S2
		Rev.	G



PILE SCHEDULE					
PILE No.	LENGTH OF PILE FROM BASE OF ABUTMENT/WING WALL	EASTING	NORTHING	CUT OFF LEVEL (RL)	CONTRACT LEVEL (RL)
P1	1500	-	-	-	-
P2	1500	-	-	-	-
P3	1500	-	-	-	-
P4	1500	-	-	-	-
P5	1500	-	-	-	-
P6	1500	-	-	-	-
P7	1500	-	-	-	-
P8	1500	-	-	-	-
P9	2200	-	-	-	-
P10	2200	-	-	-	-
P11	2200	-	-	-	-
P12	2200	-	-	-	-

- NOTES**
- MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 40MPa.
 - CONCRETE EXPOSURE CLASSIFICATION A.
 - CLEAR COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SHALL BE 75mm.
 - LONGITUDINAL BARS AND SPIRALS SHALL BE DEFORMED BARS TO AS/NZ4671 GRADE D500N.
 - SPLICING OF SPIRAL SHALL BE WELDED.
 - THE WELD CATEGORY FOR ALL OTHER WELDS SHALL BE GP IN ACCORDANCE WITH 1554 PART1.
 - CALCULATED ULTIMATE PILE DESIGN AXIAL LOAD 1000 kN COMPRESSION 0 kN TENSION
 - CALCULATED ULTIMATE PILE DESIGN MOMENT 580 kNm
 - MINIMUM ALLOWABLE END BEARING CAPACITY SHALL BE 1 MPa.
 - MINIMUM ULTIMATE END BEARING CAPACITY SHALL BE 4 MPa.
 - THE END BEARING CAPACITY OF THE ROCK AT FOUNDING LEVEL SHALL BE VERIFIED BY AN EXPERIENCED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
 - LAPS SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF BARS ARE LAPPED IN ANY ONE CROSS SECTION.
 - PILE FOUNDING LEVELS SHALL NOT BE LIFTED WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER.
 - UNLESS NOTED OTHERWISE, THE MINIMUM DEVELOPMENT LENGTHS AND LENGTHS OF LAPS SHALL BE AS FOLLOWS:
- | BAR SIZE | N12 | N16 | N20 | N24 | N28 | N32 |
|--|-----|-----|-----|-----|------|------|
| a) HORIZONTAL BARS WITH 300mm OF CONCRETE CAST BELOW THE BAR | 375 | 500 | 750 | 950 | 1250 | 1575 |
| b) OTHER | 300 | 400 | 600 | 750 | 1000 | 1250 |
- PILE CONSTRUCTION TOLERANCE IS 75mm
 - BASE OF DRILLED SHATS SHALL BE CLEANED TO REMOVE DEBRIS PRIOR TO PLACEMENT OF CONCRETE.
 - PILES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RTA SPECIFICATIONS B59

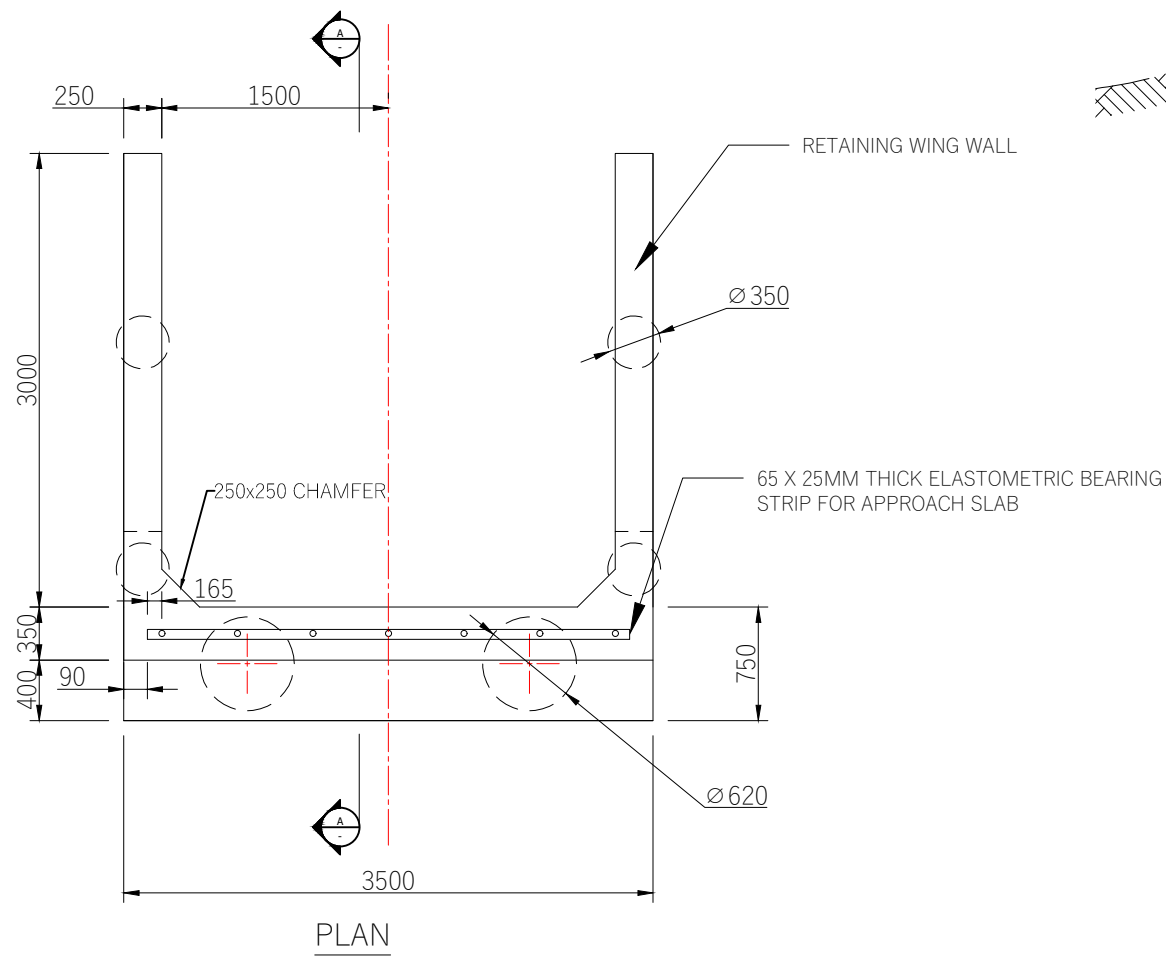
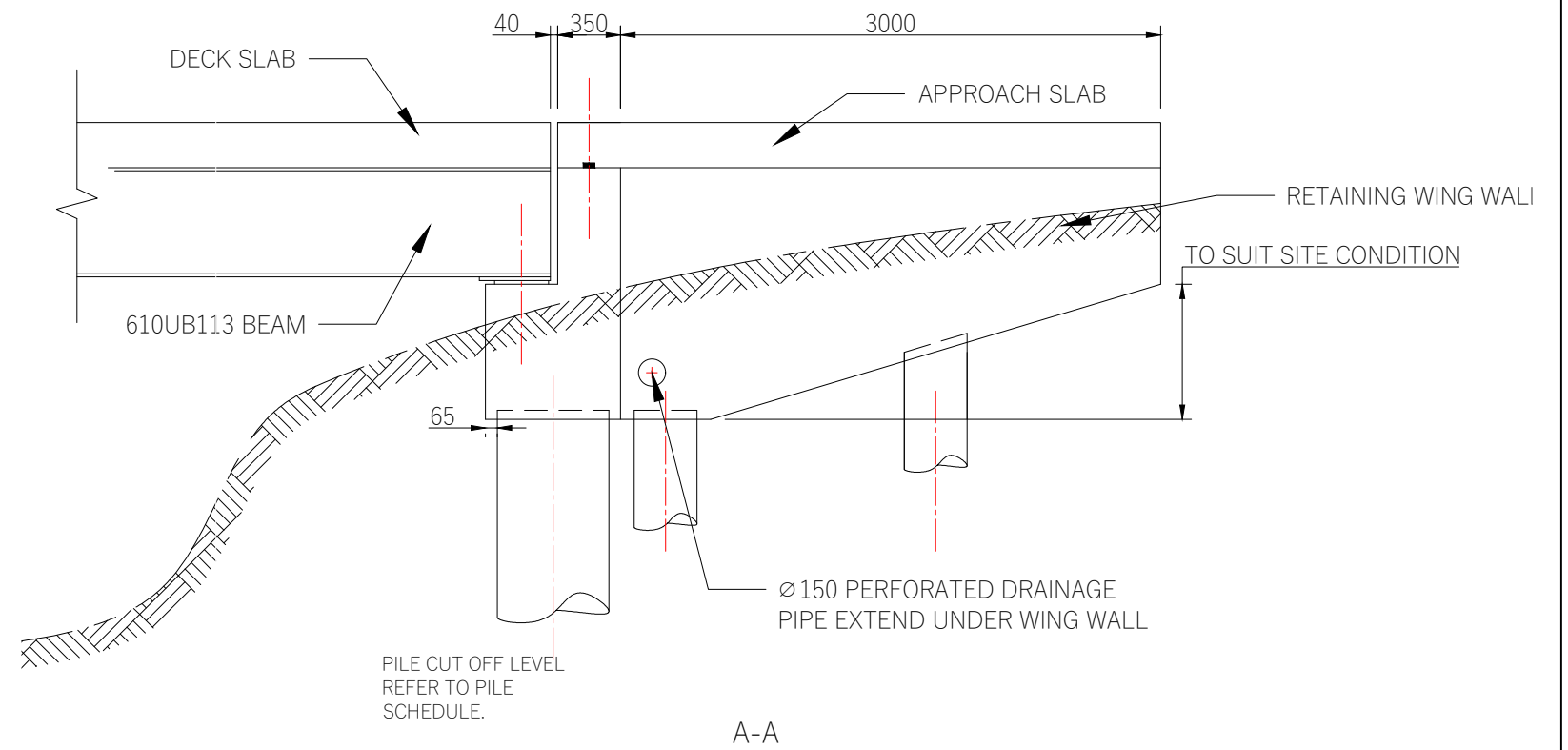
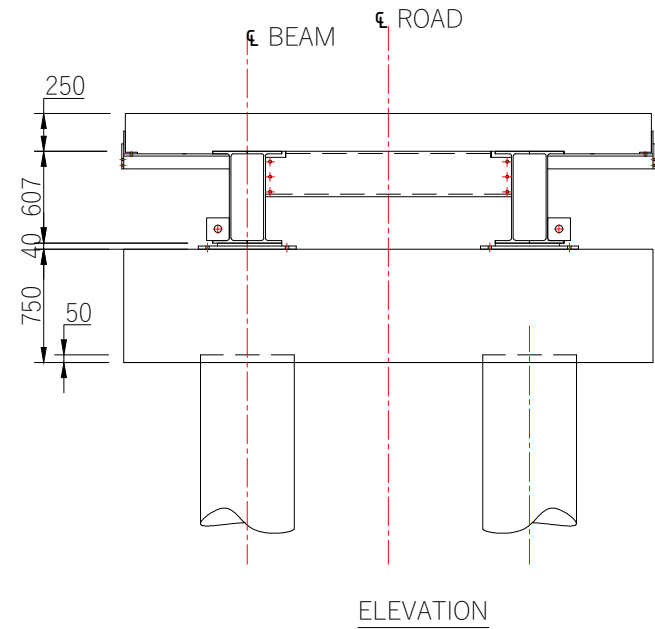
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Client: Jack & Hollie PALMER
 Project: BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION
 Drawing: Piling Layout and Detail:

ISSUE FOR CONSTRUCTION			
Designed:	A.M.	Scale (A3):	
Drawn:	W.B.	Date:	OCT 2021
Checked:	A.M.	No. of Sheets:	8
Project No.	6283	Drawing No.	S3
		Rev.	F



F	ISSUE FOR CONSTRUCTION	26.10.21	A.M.
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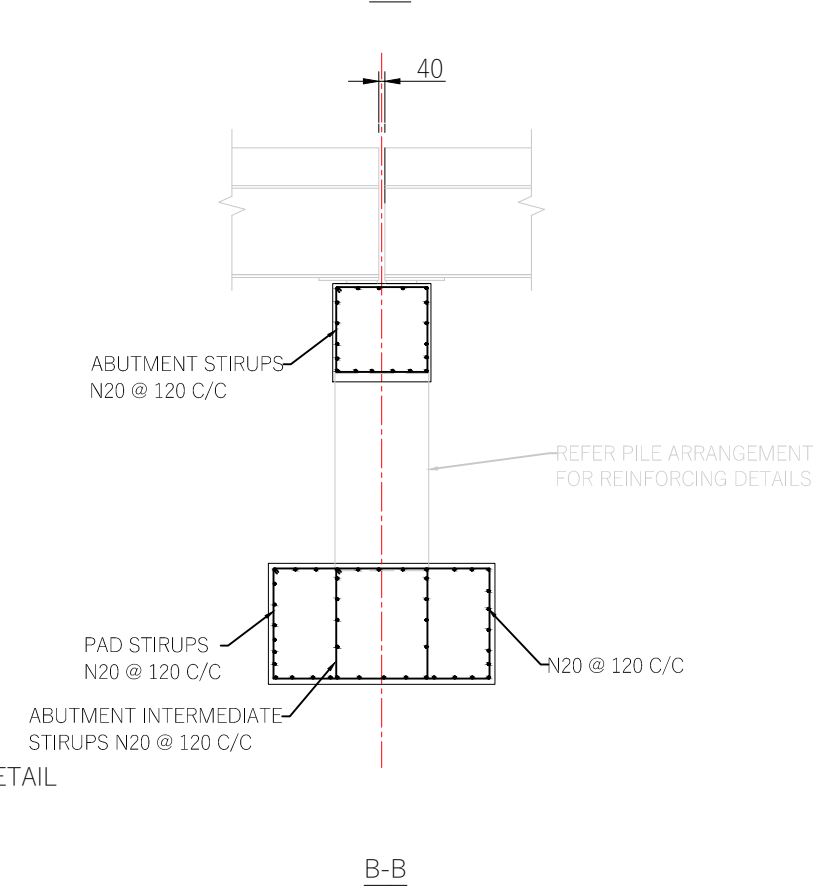
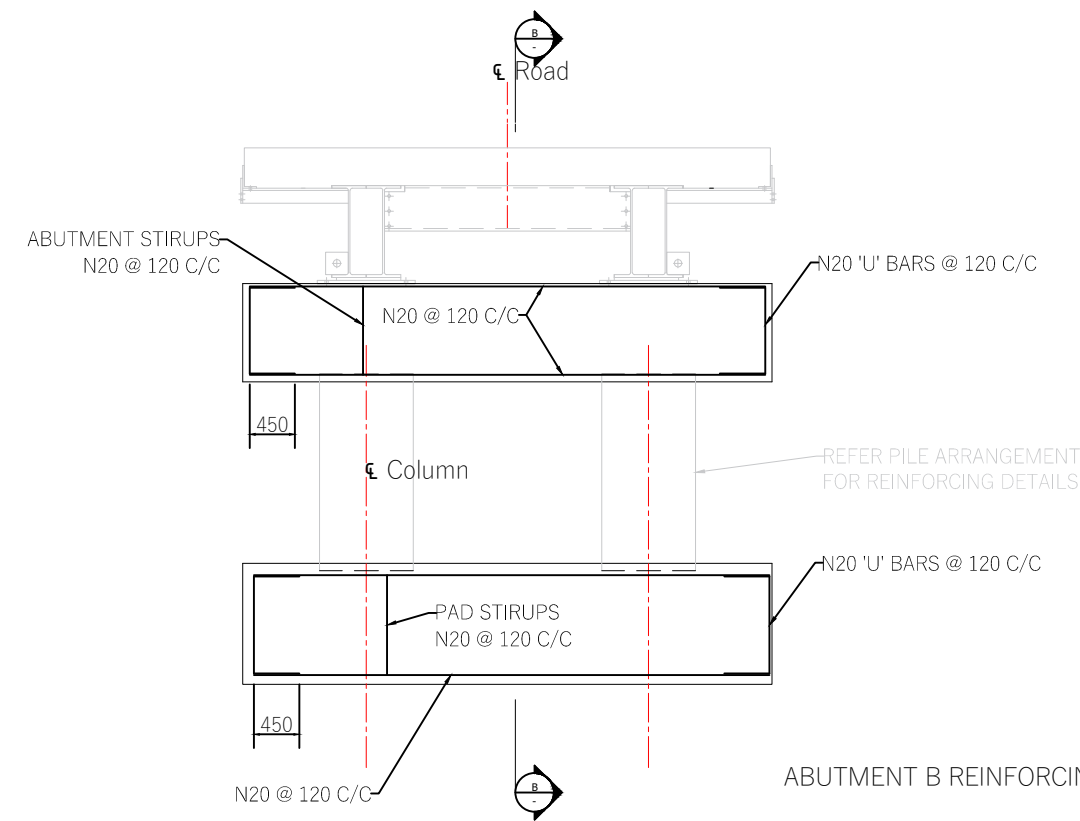
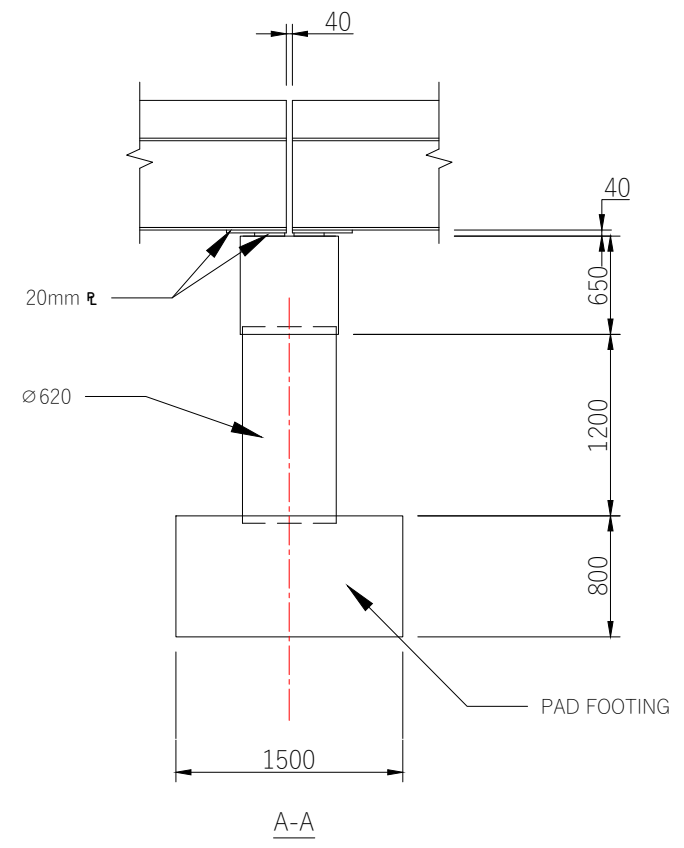
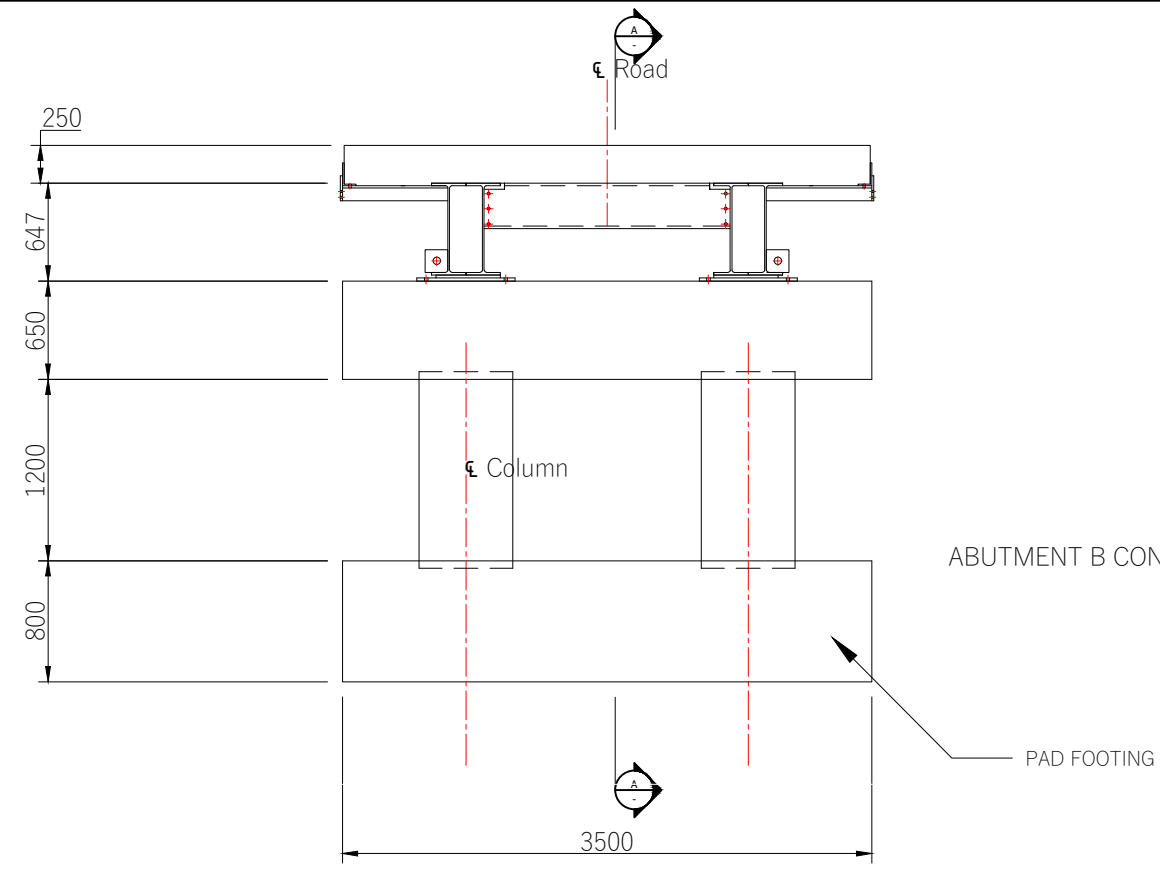
Client: Jack & Hollie PALMER

Project: BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION

Drawing: Abutment A & C detail:

ISSUE FOR CONSTRUCTION

Designed: A.M.	Scale (A3):
Drawn: W.B.	Date: OCT 2021
Checked: A.M.	No. of Sheets: 8
Project No. 6283	Drawing No. S4
	Rev. F



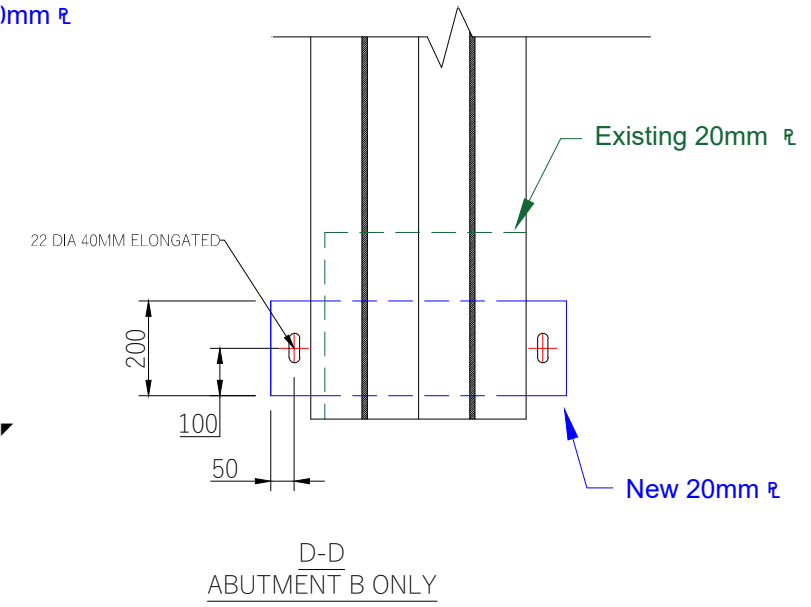
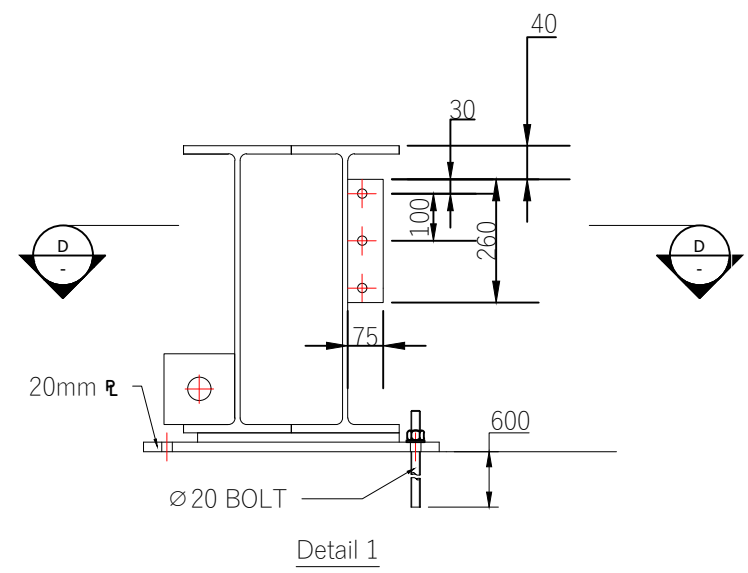
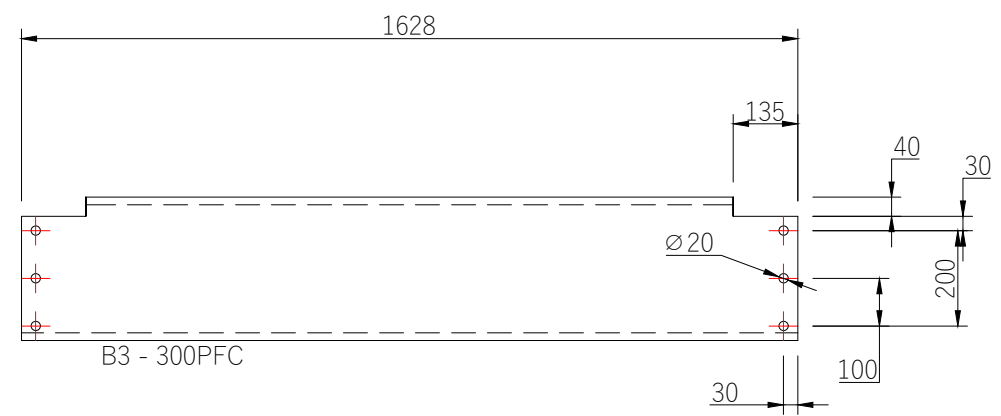
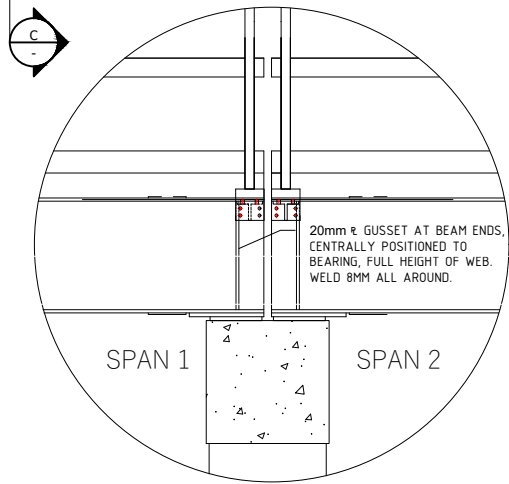
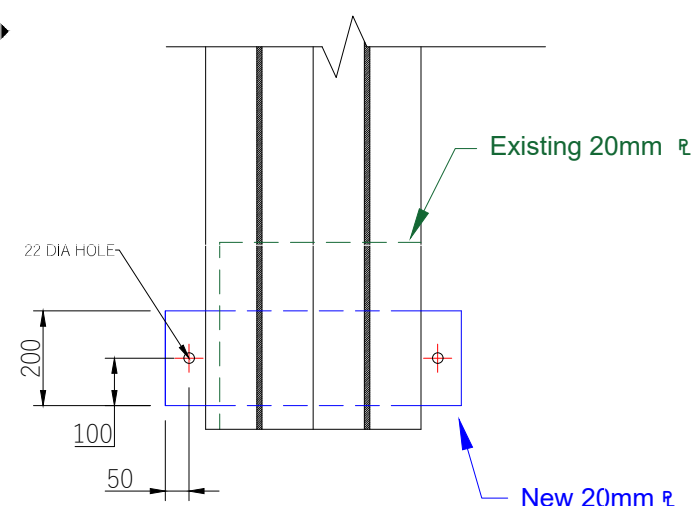
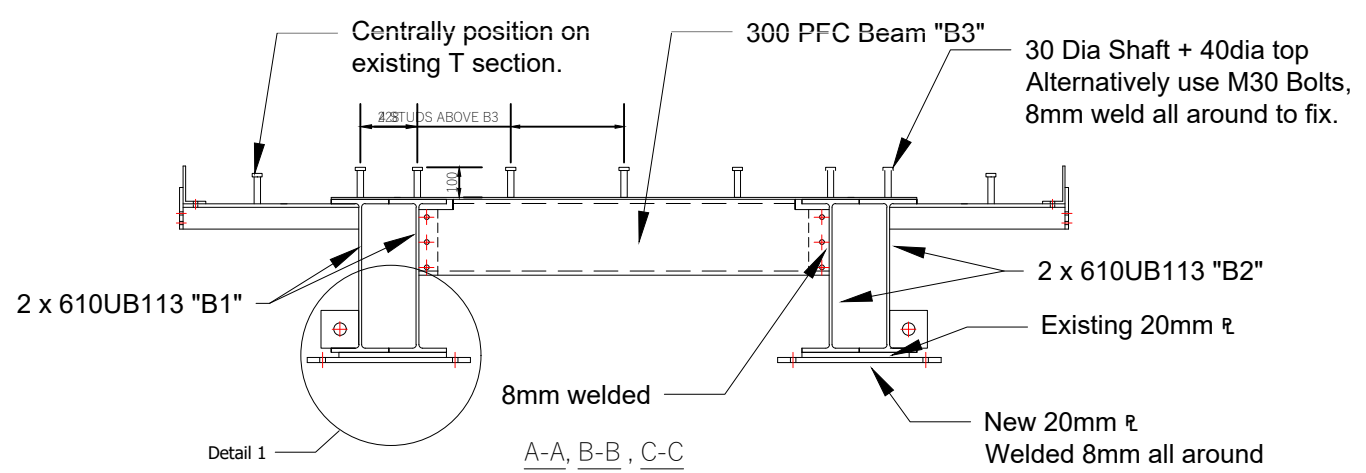
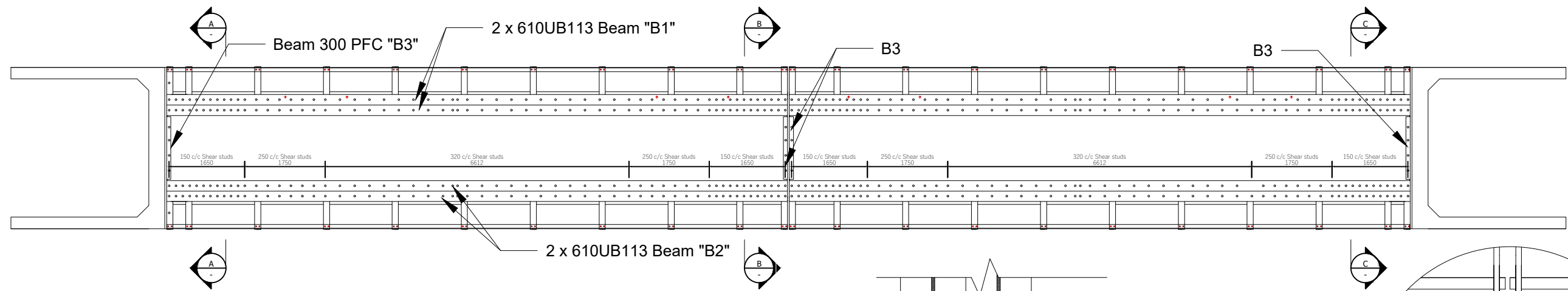
Rev.	Remark/Comment	Date	Apv.
F	ISSUE FOR CONSTRUCTION	26.10.21	A.M.
E	FOR REVIEW	25.10.21	A.M.
D	FOR REVIEW	24.10.21	A.M.
C	FOR REVIEW	22.10.21	A.M.
B	FOR REVIEW	21.10.21	A.M.
A	FOR REVIEW	21.10.21	A.M.

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 AUTOMOTIVE

Client: Jack & Hollie PALMER
 Project: BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION
 Drawing: Abutment B detail:

ISSUE FOR CONSTRUCTION		
Designed: A.M.	Scale (A3):	
Drawn: W.B.	Date: OCT 2021	
Checked: A.M.	No. of Sheets: 8	
Project No. 6283	Drawing No. S5	Rev. F



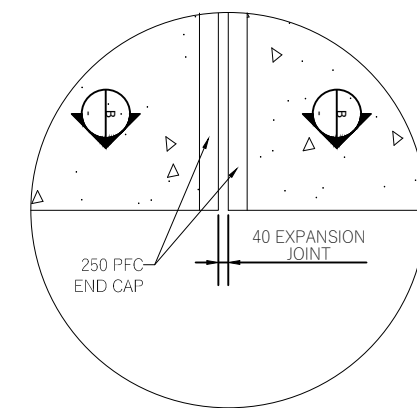
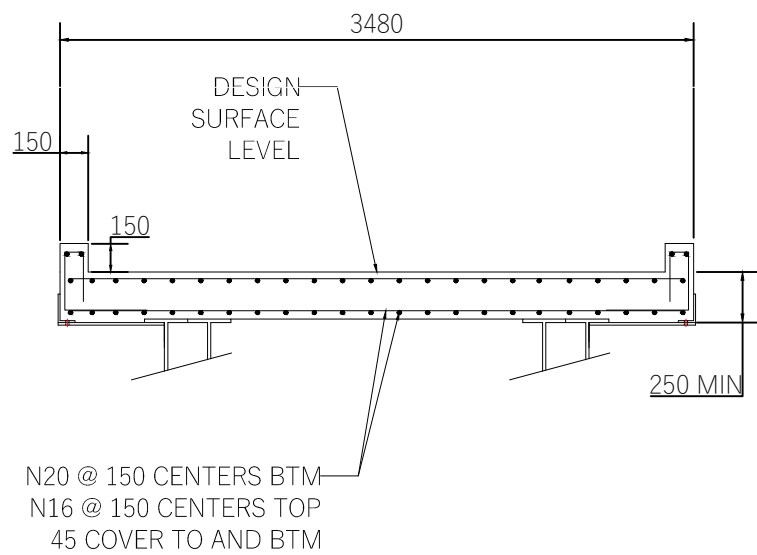
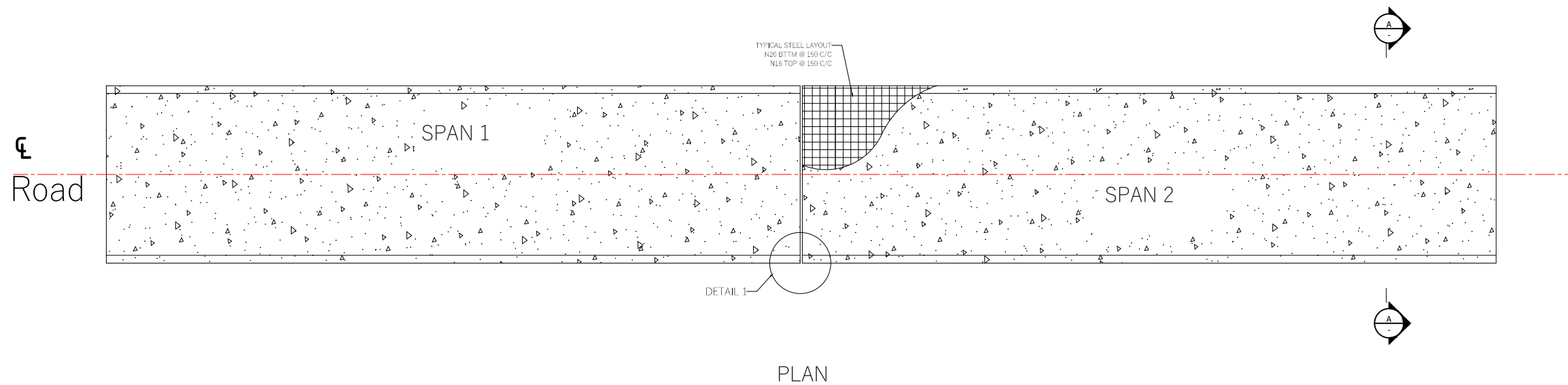
F	ISSUE FOR CONSTRUCTION	26.10.21	A.M
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C	FOR REVIEW	22.10.21	A.M
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Rev.	Remark/Comment	Date	Apv.

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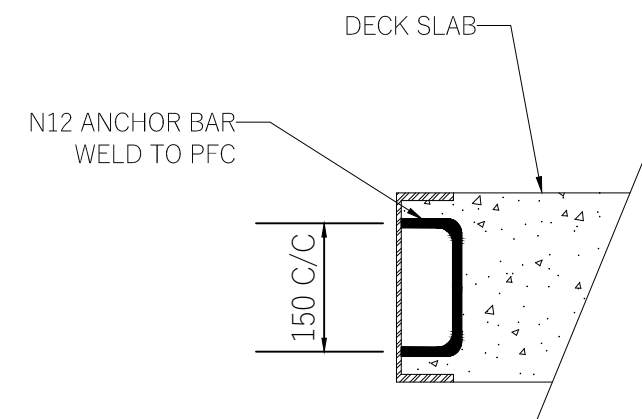
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Client: Jack & Hollie PALMER
 Project: BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION
 Drawing: Beam layout and modification:

ISSUE FOR CONSTRUCTION		
Designed: A.M.	Scale (A3):	
Drawn: W.B.	Date: OCT 2021	
Checked: A.M.	No. of Sheets: 8	
Project No. 6283	Drawing No. S6	Rev. F



DETAIL 1
DECK SLAB TYPICAL END DETAIL



SECTION B-B

F	ISSUE FOR CONSTRUCTION	26.10.21	A.M.
E	FOR REVIEW	25.10.21	A.M.
D	FOR REVIEW	24.10.21	A.M.
C	FOR REVIEW	22.10.21	A.M.
B	FOR REVIEW	21.10.21	A.M.
A	FOR REVIEW	21.10.21	A.M.
Rev.	Remark/Comment	Date	Apv.

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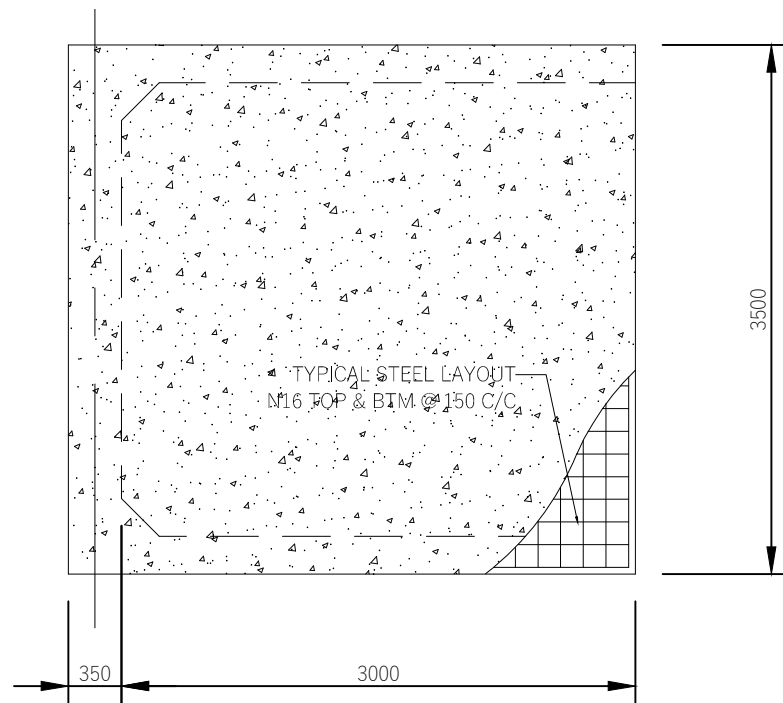
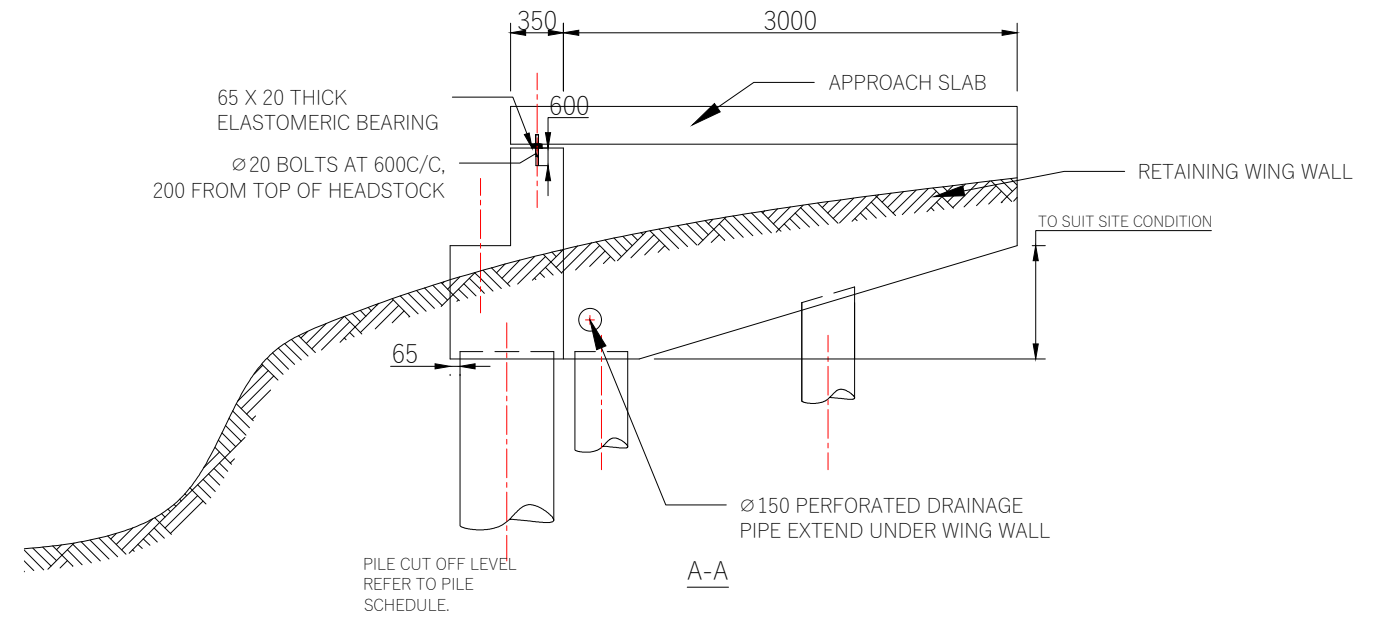
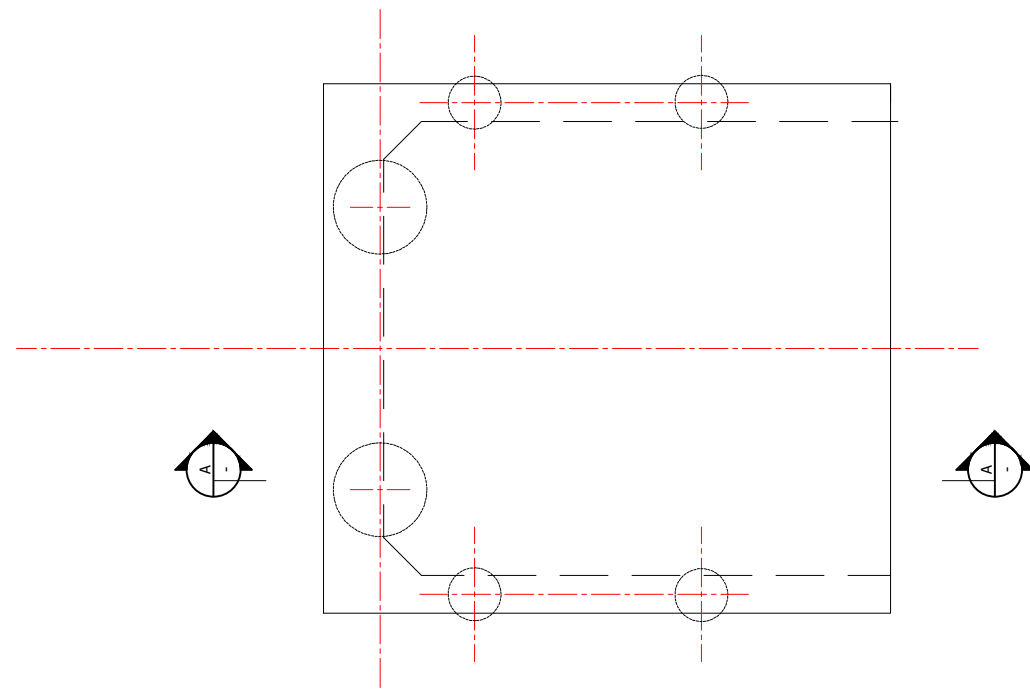
Client: Jack & Hollie PALMER

Project: BRIDGE OVER TALYAWALKA CREEK AT TINTINALLOGY STATION

Drawing: Concrete Deck detail:

ISSUE FOR CONSTRUCTION

Designed: A.M.	Scale (A3):
Drawn: W.B.	Date: OCT 2021
Checked: A.M.	No. of Sheets: 8
Project No. 6283	Drawing No. S7
	Rev. F



PLAN

F	ISSUE FOR CONSTRUCTION	26.10.21	A.M.
E	FOR REVIEW	25.10.21	A.M.
D	FOR REVIEW	24.10.21	A.M.
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A	FOR REVIEW	21.10.21	A.M.
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Client: Jack & Hollie PALMER

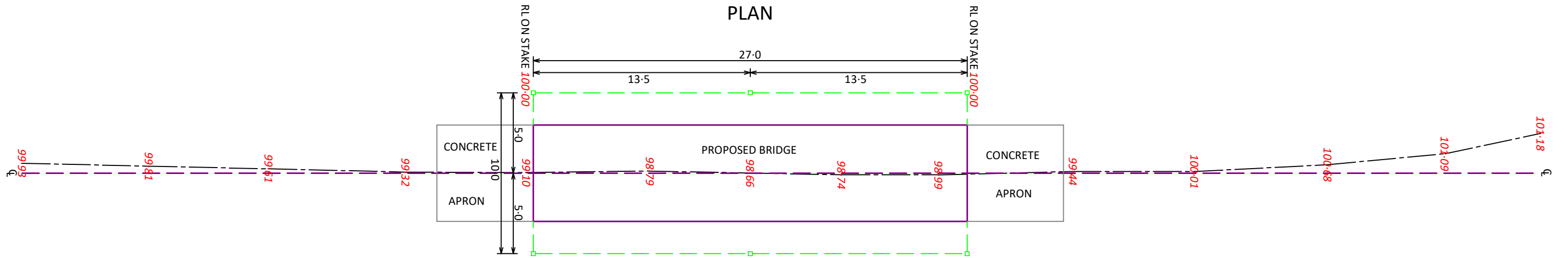
Project: BRIDGE OVER TALYAWALKA CREEK
AT TINTINALLOGY STATION

Drawing: Approach slab detail:

ISSUE FOR CONSTRUCTION

Designed: A.M.	Scale (A3):
Drawn: W.B.	Date: OCT 2021
Checked: A.M.	No. of Sheets: 8
Project No. 6283	Drawing No. S8
	Rev. F

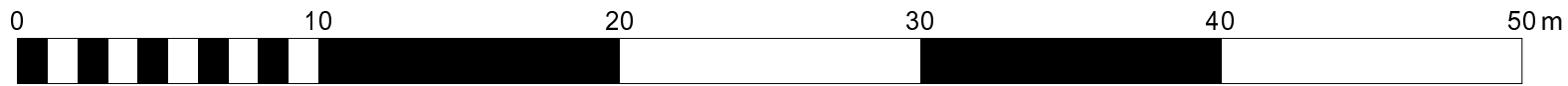
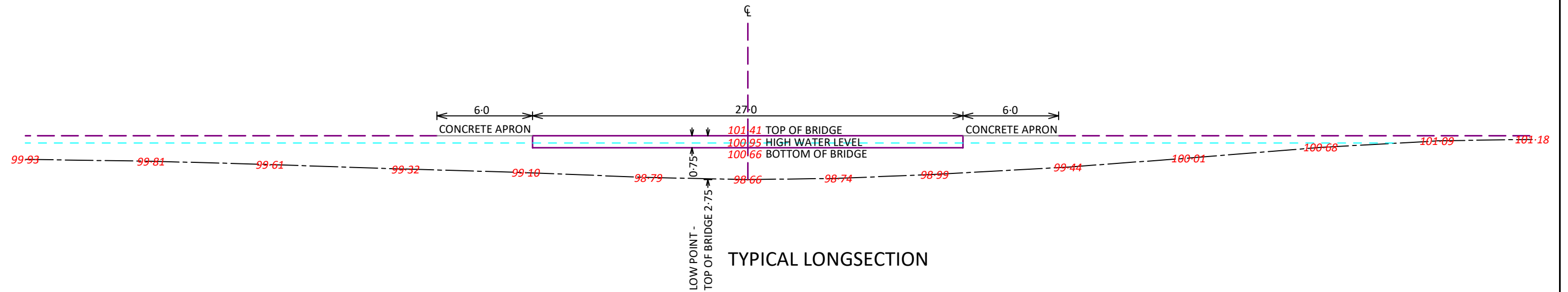
PLAN



- - STAKE
- OFFSET LINE
- - - CENTRELINE OF ROAD
- CENTRELINE OF BRIDGE
- - - HIGH WATER LEVEL (APPROXIMATE)

- NOTES:
1. ASSUMED SPOT HEIGHTS SHOWN THUS 100.00
 2. HIGH WATER LEVEL 100.95 (APPROXIMATE)

TYPICAL LONGSECTION



SCALE 1:250 (A3)

SURVEY FOR PROPOSED BRIDGE OVER TALYAWALKA CREEK, TINTINALLOGY

LENGTHS ARE IN METRES

SCALE 1:250 (A3)

GRAHAM F. HOWE
 REGISTERED SURVEYOR
 PH/FAX 08 8087 3660
 515 WYMAN LANE, BROKEN HILL
 P.O. BOX 317 N.S.W. 2880

SIGNED:

27-9-2021

C203-6