

02 February 2017

Copy to P16750

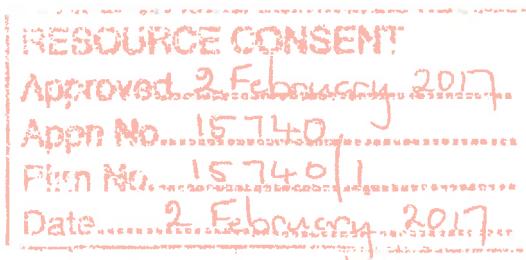
Please Quote: 62-16-194  
Doc Ref: RDC - 698968  
Enquiries to: Michelle Fluker

Civic Centre  
1061 Haupapa Street  
Private Bag 3029  
Rotorua Mail Centre  
Rotorua 3046  
New Zealand

RANKILOR CONSULTANTS  
PO BOX 313  
TAUPO

Attn: David Rankilor

Dear David,



### **NOTICE OF RESOURCE CONSENT DECISION**

Consent ref:	RC15740
Property file no:	P16750
Applicant:	PEKA LANDS TRUST
Type of application:	LAND USE - LIMITED DISCRETIONARY
Proposal:	EARTHWORKS ASSOCIATED WITH THE CONSTRUCTION OF 350M OF PRIVATE ROAD AND A SINGLE SPAN BRIDGE ACROSS WAIHUAHUAKAKAHI STREAM.
Site address:	101 S HWAY 30
Description:	ML19805 PT PEKA BLK

I wish to advise that the following decision has been made under authority delegated to staff in respect of the above application:

- (a) Pursuant to Section 95A of the Resource Management Act 1991, the Rotorua District Council has decided in its discretion not to publicly notify the application. Council is satisfied after due consideration of Section 95D that the adverse effects on the wider environment will be or are likely to be no more than minor. Council is also satisfied that no special circumstances exist that require notification of the consent application in accordance with Section 95A(4).
- (b) The Council has decided after taking into due consideration the requirements of Sections 95B and 95E of the Resource Management Act 1991 that the adverse effects of the activity on the owners and occupiers of adjacent land are minor and at the time of making this decision all parties who may be adversely affected have provided their written approval to the proposal and therefore limited notification is not required.
- (c) Pursuant to Sections 34A, 104, 104C and 108 of the Resource Management Act 1991, the Rotorua District Council resolves to GRANT consent to carry out earthworks to construct a private road within 25m of the Waihuahuakakahi Stream, subject to the following conditions:

**CONDITIONS OF CONSENT:**

1. The proposal shall proceed in accordance with the application submitted by RANKILOR CONSULTANTS numbered RC15740 and plans numbered RC15740/1 by Council except where modified by any conditions of this consent.

**Engineering**

2. That all engineering works required to be undertaken to satisfy the conditions of this consent shall be carried out in accordance with the Rotorua Civil Engineering Industry Standard (RCEIS) and the District Plan, to the satisfaction of the Chief Operating Officer, Rotorua District Council or their delegate.
3. No in stream works occur during the sports fish spawning period May to August inclusive.
4. Adequate sediment controls methods will be installed to minimize sediment entering the stream.
5. Any in stream sediment controls methods do not obstruct fish passage at any time.
6. Re-vegetation of any exposed riparian soils will occur as soon as practically possible.
7. No debris will remain within the stream upon removal of the existing bridge.

**Sediment and Erosion Control**

8. That in carrying out the proposed works no run off, silt, sediment, dust or other materials shall be permitted to discharge off-site that could damage or disturb neighboring properties, public roads, drains or waterways. This shall be achieved by installing and maintaining appropriate erosion, sediment and dust controls (in accordance with the Bay of Plenty Regional Council Sediment and Erosion Control Guidelines) prior to and during the works until the site is stabilised to the satisfaction of the Chief Operating Officer, Rotorua District Council or their delegate.

**Bridge Design Requirements**

9. That the proposed single span bridge across the Waihuakakahi Stream shall be designed and constructed in accordance with the New Zealand Transport Agency (NZTA) Bridge Manual SP/M/022.

**REASONS FOR COUNCIL DECISION:**

1. Principal Issues – Earthworks within 25 metres of a waterbody can have a potential impact on water quality and visual amenity.

2. **Main Findings of Fact** – The subject site is located west of the intersection of State Highways 5 and 30, and is legally described as ML19805 PT PEKA BLK. The property includes an area of 633 hectares and is zoned Industrial 1 under the Operative Rotorua District Plan. The Waihuahuakakahi Stream runs through the property with an existing stock proof fence located along the bank. The property is used for forestry purposes.

The applicants seek to construct 350m of private road (from the existing gate across the paddocks) and a single span bridge across the Waihuahuakakahi Stream. This road and bridge is required for heavy vehicles to gain access to the area of forestry ready for harvest. The proposed activity requires earthworks within 25 metres of a waterbody.

The earthworks are to be temporary in nature and will not cause any adverse visual effects. Adequate controls and conditions will ensure that all sedimentation and stormwater discharge during the earthworks and following the construction of the road will be contained within the property and minimize sediment entering the stream.
3. The site is zoned INDUSTRIAL 2 – HEAVY INDUSTRIAL in the Operative Rotorua District Plan where earthworks not complying with Appendix 10 is a RESTRICTED DISCRETIONARY ACTIVITY. Although the status of the activity is restricted discretionary there is no restricted discretionary assessment criteria for earthworks contained within the Operative Rotorua District Plan and assessment for the earthworks is based on criteria and advice from the Bay of Plenty Regional Council.
4. The proposal is considered to be consistent with Part II of the Resource Management Act 1991.
5. The Council has had regard to the provisions of the Operative Rotorua District Plan and in particular to Appendix 10 – Earthworks. The proposal is consistent with the relevant objectives and policies of Part 7 – Industrial of the Operative Rotorua District Plan subject to compliance with the conditions of consent.
6. The Council is satisfied that the proposed activity will not have, or is unlikely to have, any adverse effects that are more than minor.
7. Fish & Game New Zealand, Tuhourangi Tribal Authority and New Zealand Transport Agency have provided written approval to the proposal. While Fish and Games approval was conditional, the applicant has accepted these conditions and therefore forms part of the application. Bay of Plenty Regional Council has received and is currently processing a consent application for the proposed activity/bridge (RM16-0517). All parties Council considered affected persons have provided written consent to the proposal. In making this decision Council has disregarded any effects on these parties as required by section 95D.
8. Conditions have been imposed in order to mitigate the adverse effects of the proposal such that they are no more than minor.
9. NZTA has approved the proposal to undertake logging operations with direct access to State Highway 30. The vehicle crossing providing access to State Highway 30 complies with the Transport Agency's Diagram E standard which is sufficient for the proposed use.

- 10. The proposed bridge requires a building consent. The engineering requirements will be addressed in conjunction with the building consent application.**

The applicants are advised that:

(a) **Timeframe for Giving Effect to this Consent**

The above consent lapses on the expiry of 5 years after the date of receiving this letter, unless the consent is given effect to.

(b) **Right of Objection**

If you are dissatisfied with any aspect of the decision, you have a right of objection to Council under section 357A of the Resource Management Act 1991. Please advise Council in writing stating the reasons for the objection and the preferred outcome within 15 working days of receiving this decision. If no objection is received it will be assumed that the applicant accepts this decision. In addition, there is a right of appeal to the Environment Court under section 120 of the Resource Management Act 1991.

(c) **Obligations under the Heritage New Zealand Pouhere Taonga Act 2014**

Council has no records of an archaeological site on this property. This may be due to one of two factors. Either, there are no sites present or there has not been an archaeological survey undertaken. Please be advised that both known and unknown archaeological sites are protected under the Heritage New Zealand Pouhere Taonga Act 2014. If during the exercising of this consent any archaeological site is uncovered work must stop and permission be obtained from Heritage New Zealand under section 44 of the Heritage New Zealand Pouhere Taonga Act 2014.

(d) **National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health**

All soil disturbances shall be carried out in accordance with the requirements of 8(3) of the National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health 2011.

(e) **Building Consent Required**

The proposed bridge requires building consent prior to construction.

(f) **Works within the road reserve**

Prior to any works being undertaken within the road reserve (including vehicle crossings) a Corridor Access Request must be lodged with Council and a Works Access Permit issued. This is available free of charge by going online to the website [www.beforeudig.co.nz](http://www.beforeudig.co.nz) or by contacting Council's Corridor Access Administrator on 07 351 8201.

(g) **New Zealand Transport Agency**

The Transport Agency has reviewed the application received September 2016 and on the basis of the information provided can provide approval to access State Highway 30. The accessway complies with the Transport Agency's Diagram E standard and is sufficient for the proposed land use.

## **Bay of Plenty Regional Council Advice**

**(h) Regional Consent**

Bay of Plenty Regional Council has received and is currently processing a consent application for this activity – single span bridge construction (consent application M16-0517). Please contact Ryan Standen (Consents Officer) at the BOPRC for any queries regarding the consent application.

**(i) Land Improvement Agreement (LIA)**

The subject site has an existing LIA registered against the title which is not mentioned in the application. Some of the proposed works are within the LIA protection areas.

For any works undertaken in existing LIA protection areas, the Bay of Plenty Regional Council recommends an offset of at least equal areas. Contact a Land Management Officer at the Bay of Plenty Regional Council to find out which areas may be required to be offset.

If you have any questions regarding this decision, please contact **Michelle Fluker**, or the duty planner.

Yours faithfully



Michelle Fluker  
Planner, Consent Solutions

On behalf of  
Simon Bell  
Lead Planner, Consent Solutions

RESOURCE CONSENT

Approved 2/2/16  
Appn No BC15740  
Plan No. BC15740/  
Date 2/2/16



**Waitaruna 4B2F**  
**CATHOLIC CHURCH**

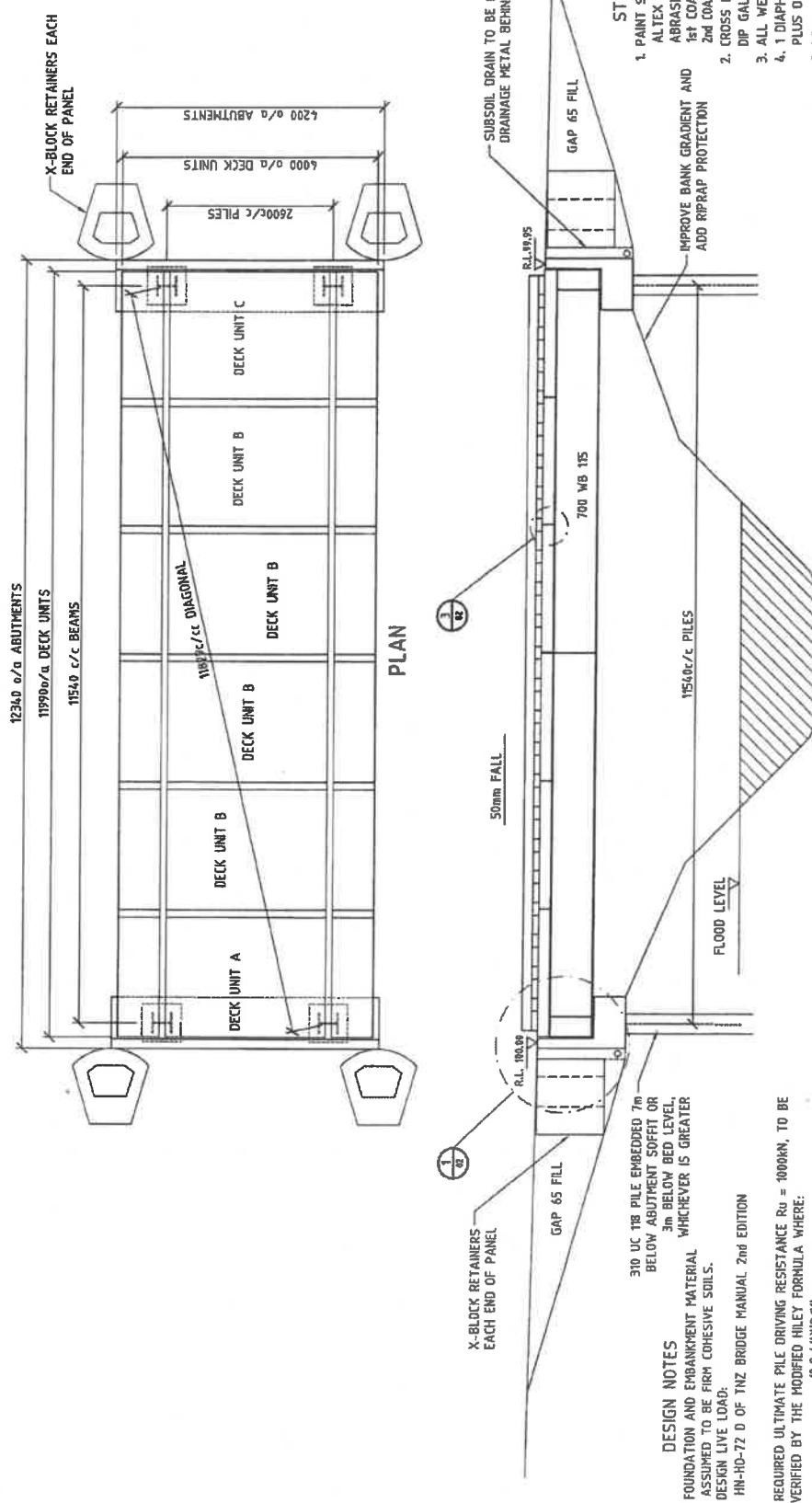
**PROPOSED BRIDGE**  
Ch#210.42 : Deck h/c 320.31  
13 x 4m concrete deck single  
open with driven piles each  
end

Proposed new access road  
6m wide formed cambered  
1% crossfall from centreline  
2m shallow graded drain each  
sides with sediment traps @  
25m intervals

Cutting batters to be reinstated  
with losses still counted

Part Peka Block

**STATUS : PROVISIONAL  
NOT FOR CONSTRUCTION**



#### STEELWORK NOTES

- PAIN SPECIFICATION: ALTEX TG2010 106331 ABRASIVE BLAST TO SPC SP10 (5a 2.5) 1st COAT CARBOGUARD 504 UFT 50 50 microns 2nd COAT CARBOGUARD 600 GREY GFT 200 microns
- CROSS BRACING TO BE HOT DIP GALVANISED.
- ALL WELDS 6mm CONT. FILLET
- 1 DIAPHRAGM @ MID SPAN PLUS ONE EACH END I 3 TOTAL
- BEAMS MUST BE BOLTED TO ABUTMENT PRIOR TO PLACING DECK UNITS.
- BEAMS TO BE BOLTED IN PLACE PRIOR TO BACKFILLING BEHIND ABUTMENT HEADWALLS.

OUR APPROVAL OF THIS DRAWING RELATED TO OUR SPECIFICALLY DESIGNED STRUCTURAL ELEMENTS ONLY.

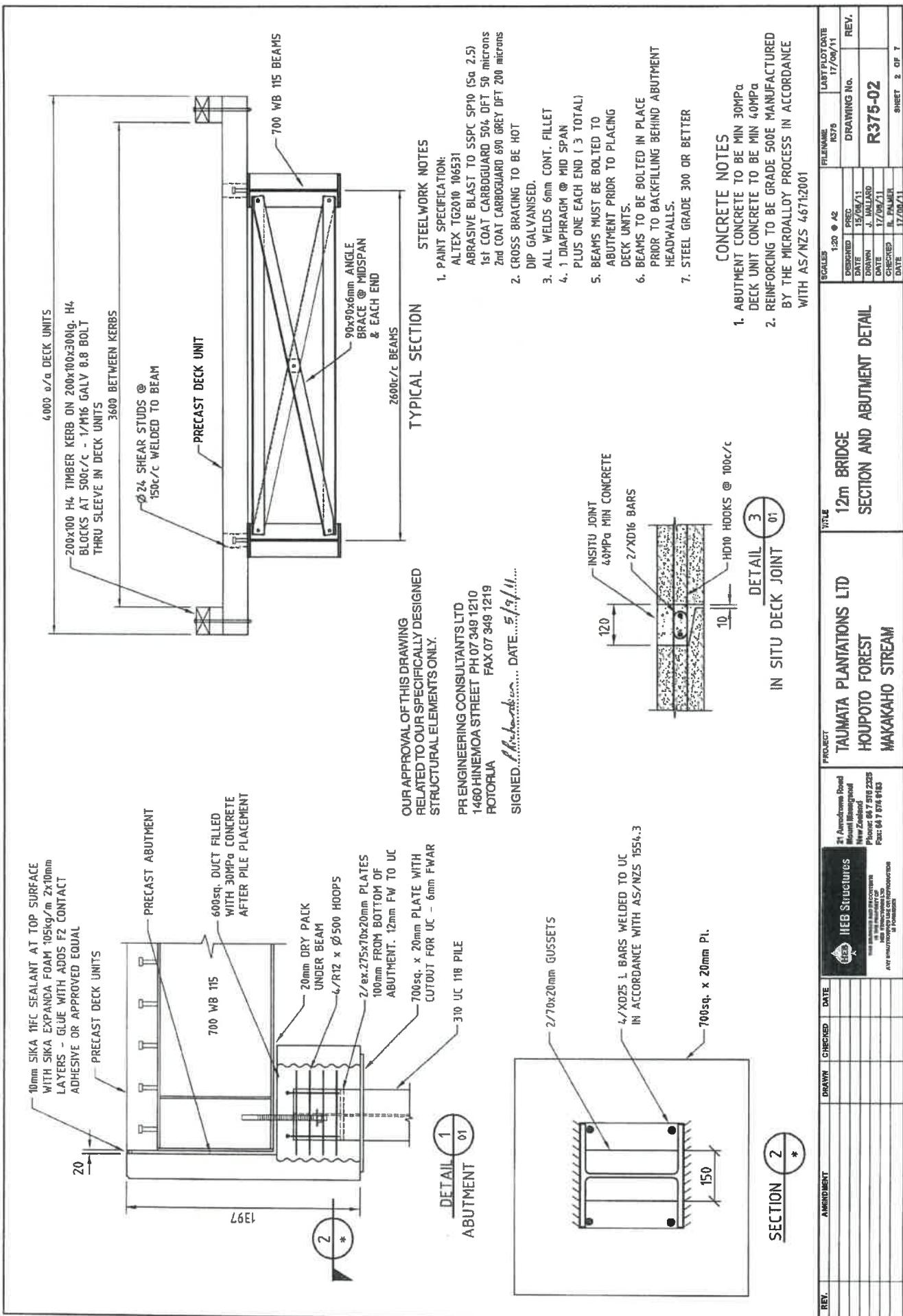
PR ENGINEERING CONSULTANTS LTD  
1460 HINEMOA STREET PH 07 349 1210  
FAX 07 349 1219  
SIGNED: *[Signature]* DATE: *5/1/11*

#### CONCRETE NOTES

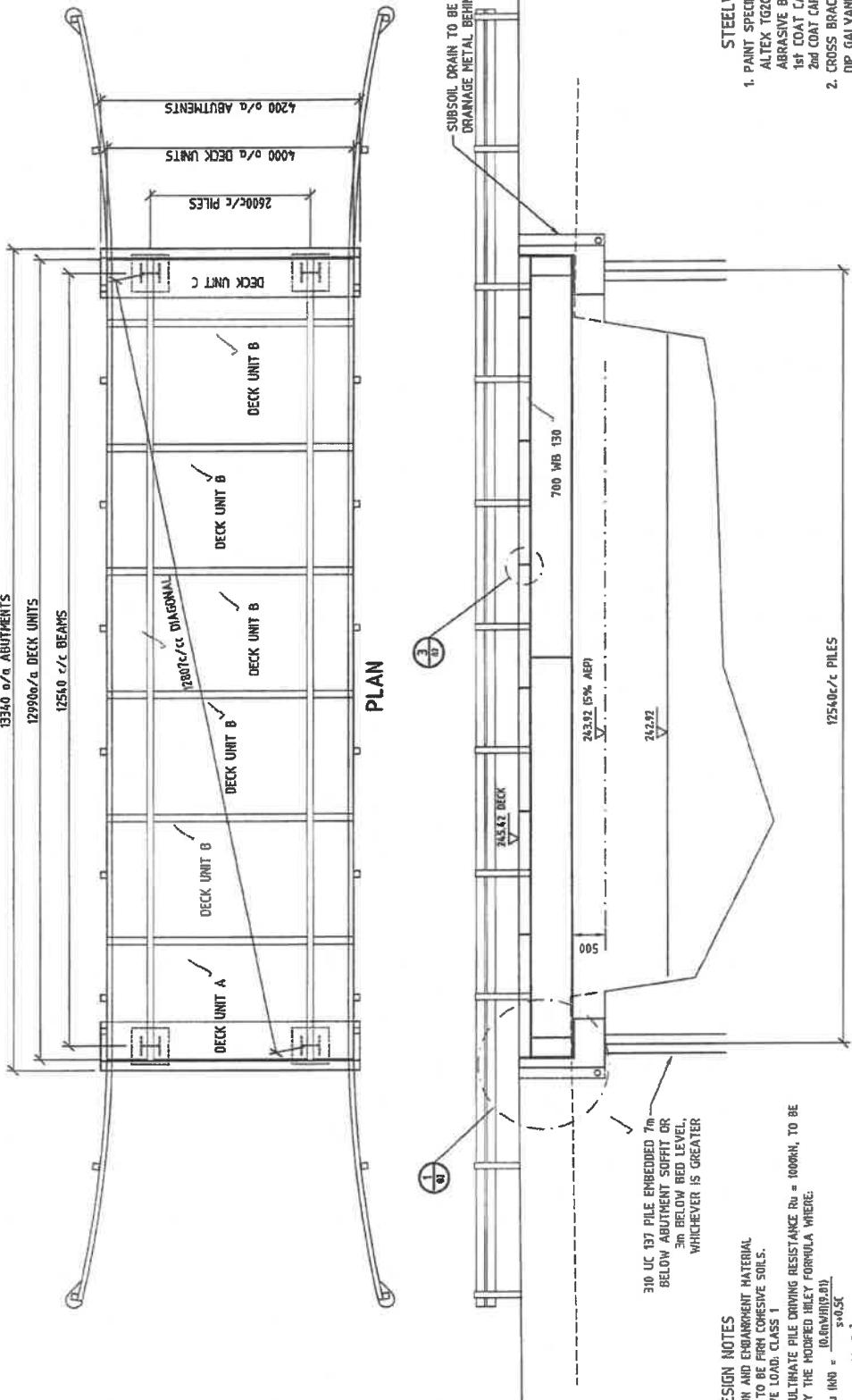
- ABUTMENT CONCRETE TO BE MIN 30 MPa DECK UNIT CONCRETE TO BE MIN 40 MPa
- REINFORCING TO BE GRADE 500 MANUFACTURED BY THE MICROALLOY PROCESS IN ACCORDANCE WITH AS/NZS 4671:2001

SCALED	1:50 @ A2	FILENAME	LAST PLOT DATE
RS75	15/08/11	DRAWING NO.	REV.
J. HALLARD	17/08/11	<b>R375-01</b>	
B. PAN MEEH	17/08/11		
			SHET 1 OF 7

REV.	AMENDMENT	DRAWN	CHEKED	DATE	PROJECT	12m BRIDGE	PLAN & ELEVATION
					HEB STRUCTURES #1 Aerodrome Road Mount Maunganui New Zealand Phone: 64 7 879 2328 Fax: 64 7 879 0153		



FILE COPY



**STEELWORK NOTES**

- PAIN SPECIFICATION:  
ALTEX TG2010 106521
- ABRASIVE BLAST TO SSPC SP10 (Sa 2.5)  
1ST COAT CARBOGUARD SEAL, DFT 50 microns  
2ND COAT CARBOGUARD 600 GFT 120 microns
- CROSS BRACING TO BE HOT DIP GALVANISED.
- ALL WELDS 6mm CONT. FILLET
- 1 DIAPHRAGM @ MID SPAN PLUS ONE EACH END (3 TOTAL)
- BEAMS MUST BE BOLTED TO ABUTMENT PRIOR TO PLACING DECK UNITS.
- BEAMS TO BE BOLTED IN PLACE PRIOR TO BACKFALLING BEHIND ABUTMENT HEADWALLS.
- STEEL GRADE 300 OR BETTER

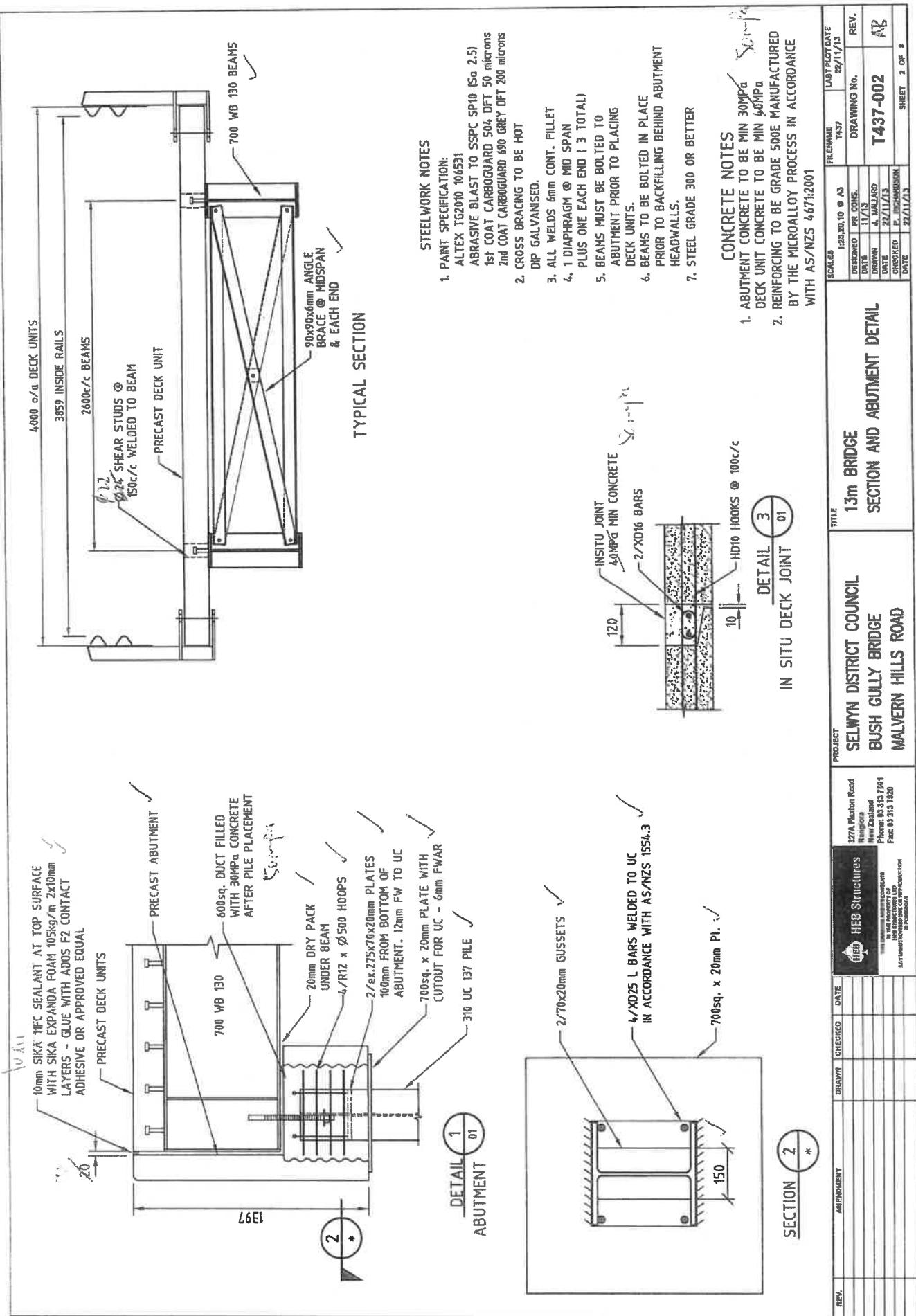
**CONCRETE NOTES**

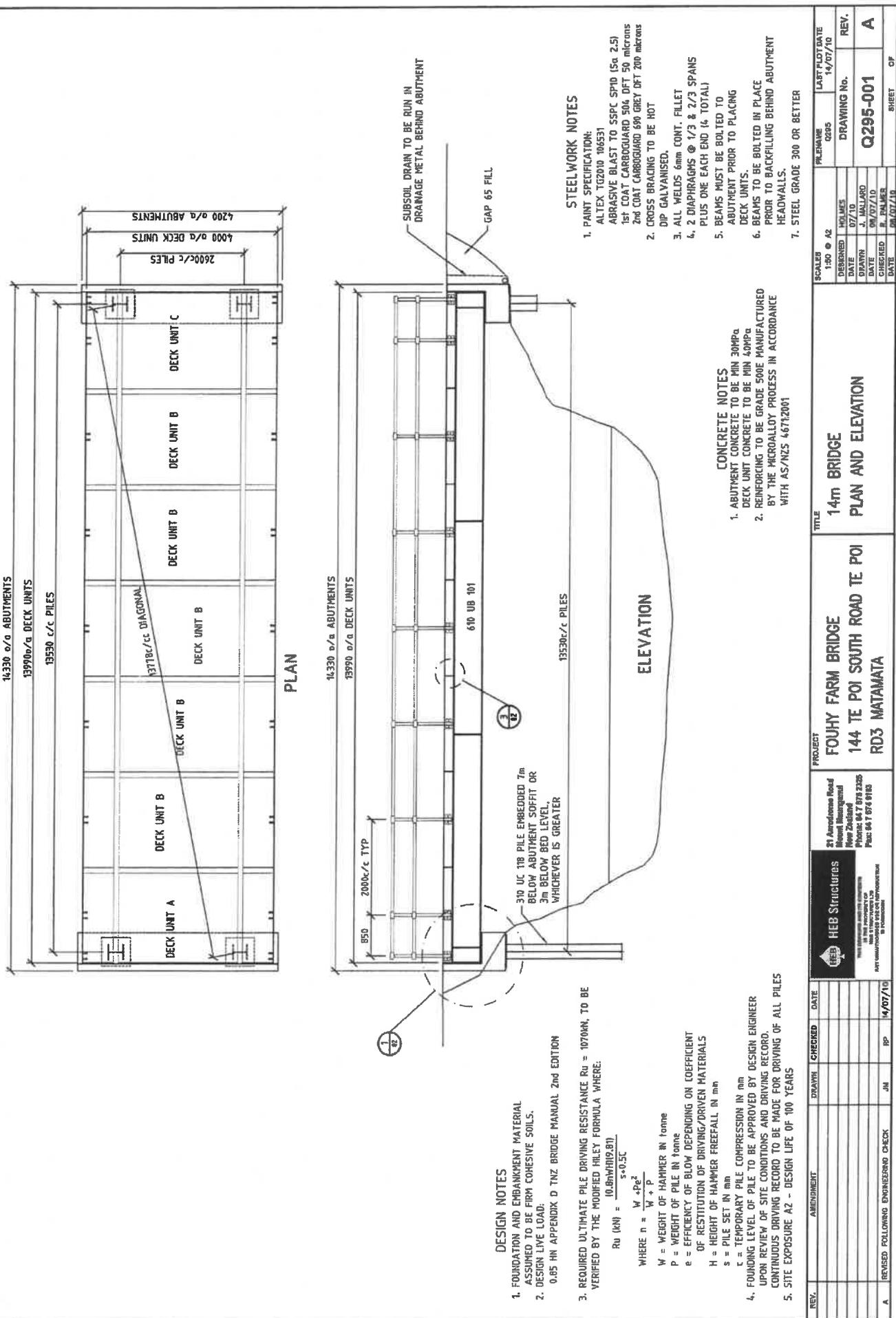
- ABUTMENT CONCRETE TO BE MIN. 30MPa DECK UNIT CONCRETE TO BE MIN. 30MPa
- REINFORCING TO BE GRADE 500 MANUFACTURED BY THE MICROALLOY PROCESS IN ACCORDANCE WITH AS/NZS 4671:2001

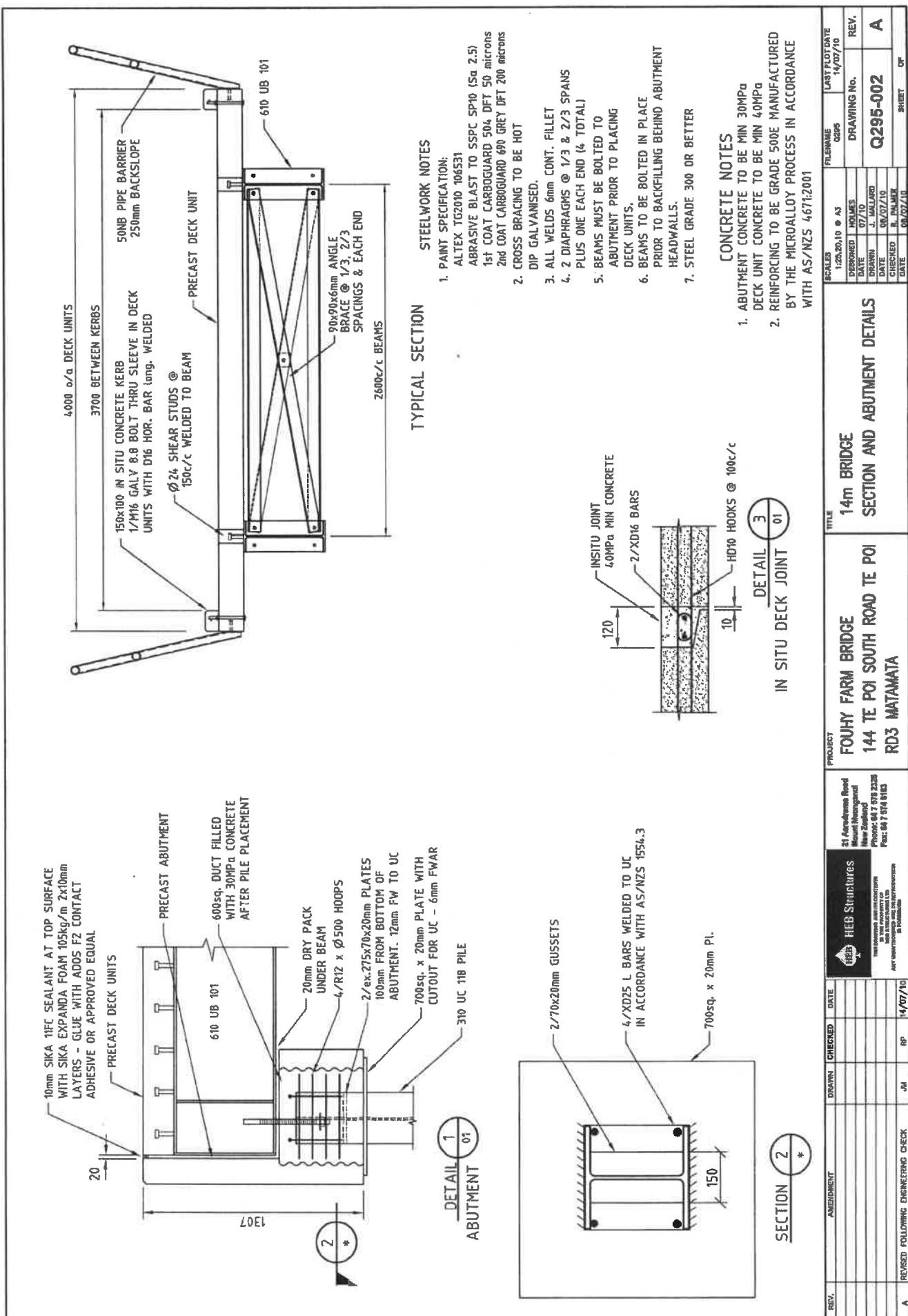
SCALE	DESIGNED BY	DRAWN BY	LAST PLOT DATE
1:50 @ A2	T437	T437	18/12/13
	DRAWN	DRAWN	REV.
	J. MULARD	J. MULARD	
	P. MCNAULSON	P. MCNAULSON	
	DATE	DATE	
	22/11/13	22/11/13	
	SHEET 1 OF 6		

PROJECT	13m BRIDGE	FILENAME	LAST PLOT DATA
SELWYN DISTRICT COUNCIL			
BUSH GULLY BRIDGE			
MALVERN HILLS ROAD			

REV.	AMENDMENT	DRAWN	CHEKED	DATE	HEB Structures	SELWYN DISTRICT COUNCIL	13m BRIDGE	FILENAME	LAST PLOT DATA
A	LEVELS REVISED	JM	PR	10/12/13	13m Bridge	13m Bridge	13m Bridge	T437	18/12/13
					13m Bridge	13m Bridge	13m Bridge		









6000 - 16000  
TEE BEAM LENGTH  
175  
4200  
BRIDGE APPROACH

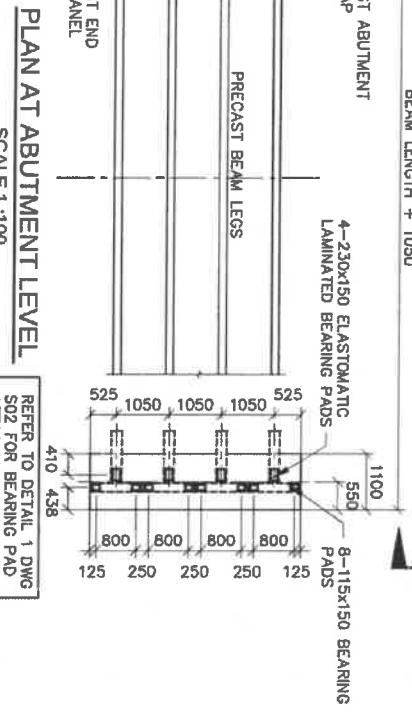
HANDRAIL SYSTEM  
BY OTHERS

S02

C  
S06

A  
S01

B  
S02

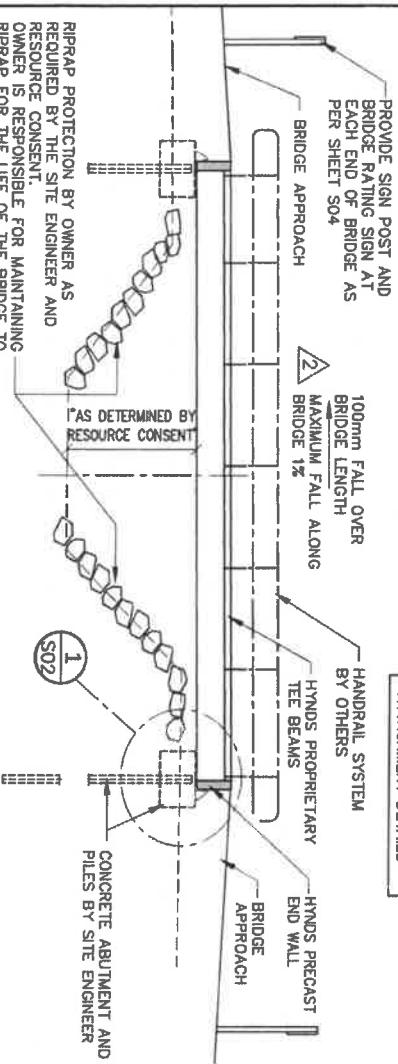


### PLAN AT DECK LEVEL

SCALE 1:100

NB: TRANSVERSE DUCT NUMBERS VARY  
ACCORDING TO LENGTH OF PRECAST BEAMS.  
ALL DUCTS ARE TO HAVE A BOLTING AND  
GROUTING ARRANGEMENT AS SHOWN ON DWG S02

1. THE CONTRACTOR SHALL CONFIRM GROUND CONDITIONS AND SITE LEVELS WITH THE SITE ENGINEER PRIOR TO CONSTRUCTION.
2. ALL CAST IN PILE PINS SHALL BE HOT DIP GALVANISED.
3. DROPSIGHT DUCTS TO BE FILLED WITH CONCRETE GP, NON-SHRINK CEMENTITIOUS GROUT OR APPROVED EQUIVALENT.



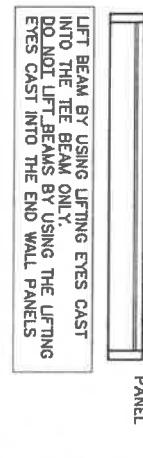
RIPRAP PROTECTION BY OWNER AS  
REQUIRED BY THE SITE ENGINEER AND  
RESOURCE CONSENT.  
OWNER IS RESPONSIBLE FOR MAINTAINING  
RIPRAP FOR THE LIFE OF THE BRIDGE TO  
MAINTAIN SCOUR PROTECTION TO THE  
BRIDGE FOUNDATIONS.

### LONG SECTION

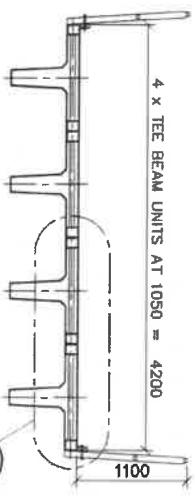
SCALE 1:100

### BEAM LIFTING DIAGRAM

NOT TO SCALE



LIFT BEAM BY USING LIFTING EYES CAST  
INTO THE TEE BEAM ONLY.  
DO NOT LIFT BEAMS BY USING THE LIFTING  
EYES CAST INTO THE END WALL PANELS



1100

### SECTION A

SCALE 1:50

REFERENCE/QUOTE NUMBER:	DRAWN:	DESIGN:	CHECKED:
SCALE: As Shown PAPER SIZE: A3 DRAWING NUMBER:	Note: Do not scale drawing if in doubt ASK III	Date:	Revision Number:

NOTES:  
1. BRIDGE DESIGN LOAD TO NEW ZEALAND TRANSPORT AGENCY 0.85 HN-72 TRAFFIC LOADING (CLASS 1)  
2. NO FILL OR RUNNING COURSE SHALL BE PLACED ON BRIDGE DECK.  
3. MAXIMUM BRIDGE USAGE, 250 VEHICLES PER DAY, AND DESIGNED BY THE SITE ENGINEER.  
4. ADJUSTMENT SCOUR PROTECTION TO BE DETERMINED  
ELASTIC DESIGN  
ZONE FACTOR = 1.2  
RISK FACTOR = 1.0  
STRUCTURAL PERFORMANCE FACTOR = 0.8  
(INTERMEDIATE OR FLEXIBLE/DEEP SOIL SITES.)  
BASIC ACCELERATION COEFFICIENT = 1.0

1. BRIDGE DESIGN LOAD TO NEW ZEALAND TRANSPORT AGENCY 0.85 HN-72 TRAFFIC LOADING (CLASS 1)
2. NO FILL OR RUNNING COURSE SHALL BE PLACED ON BRIDGE DECK.
3. MAXIMUM BRIDGE USAGE, 250 VEHICLES PER DAY, AND DESIGNED BY THE SITE ENGINEER.
4. ADJUSTMENT SCOUR PROTECTION TO BE DETERMINED ELASTIC DESIGN  
ZONE FACTOR = 1.2  
RISK FACTOR = 1.0  
STRUCTURAL PERFORMANCE FACTOR = 0.8  
(INTERMEDIATE OR FLEXIBLE/DEEP SOIL SITES.)  
BASIC ACCELERATION COEFFICIENT = 1.0

REVISIONS	REV N°.	PROJECT DESCRIPTION:	
		REV N°.	REV A/W

ISO 9001 CERTIFIED MANAGEMENT SYSTEM  
PROJECT DESCRIPTION: