

PLANT
NORTH

13550

2000

EXTENT OF EXCAVATION

3000

170

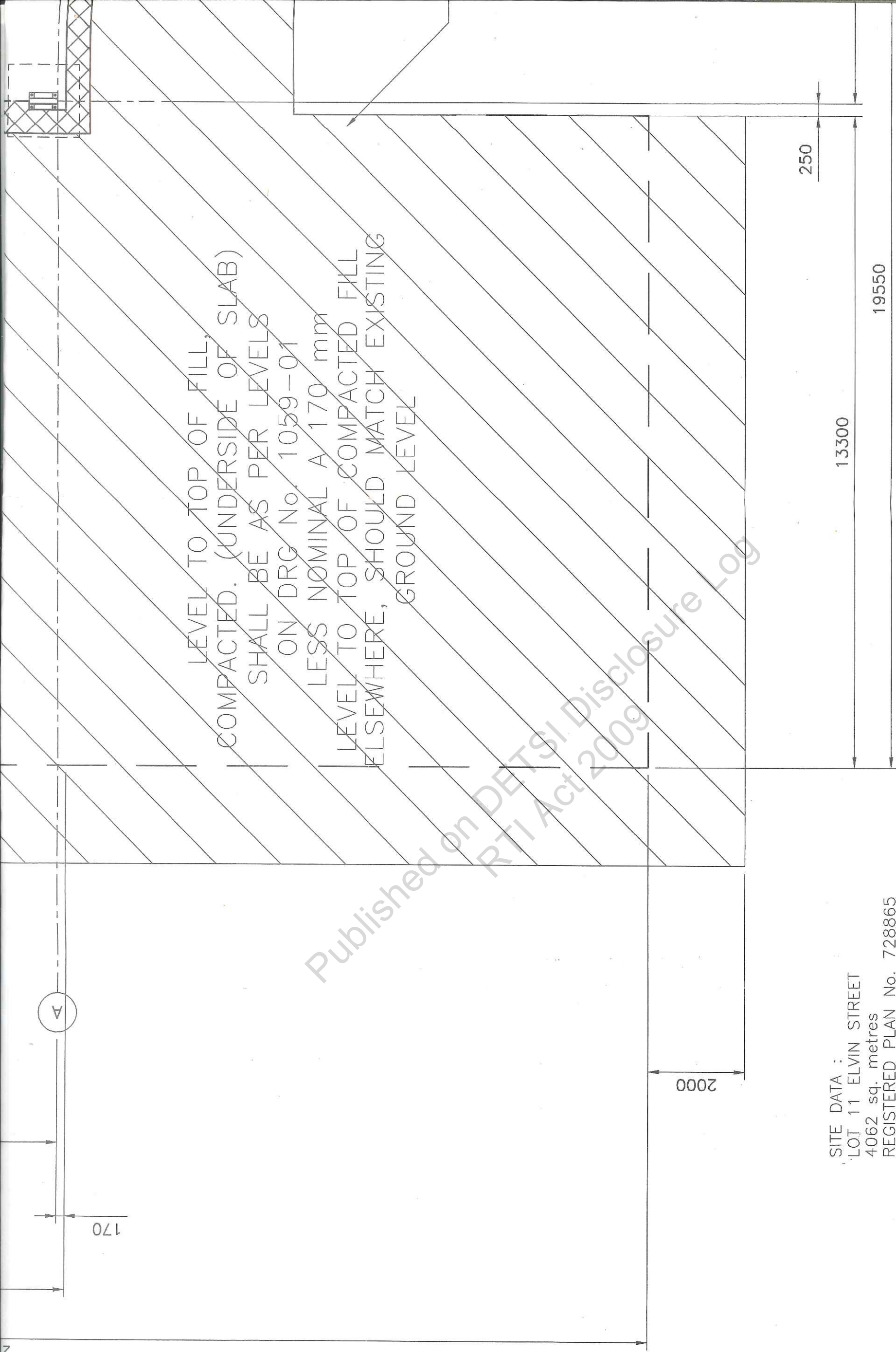
B

15000
OUTSIDE FACE TO OUTSIDE FACE EXISTING BUILDING COLUMNS

15340
EXTENT OF EXISTING & NEW SLAB

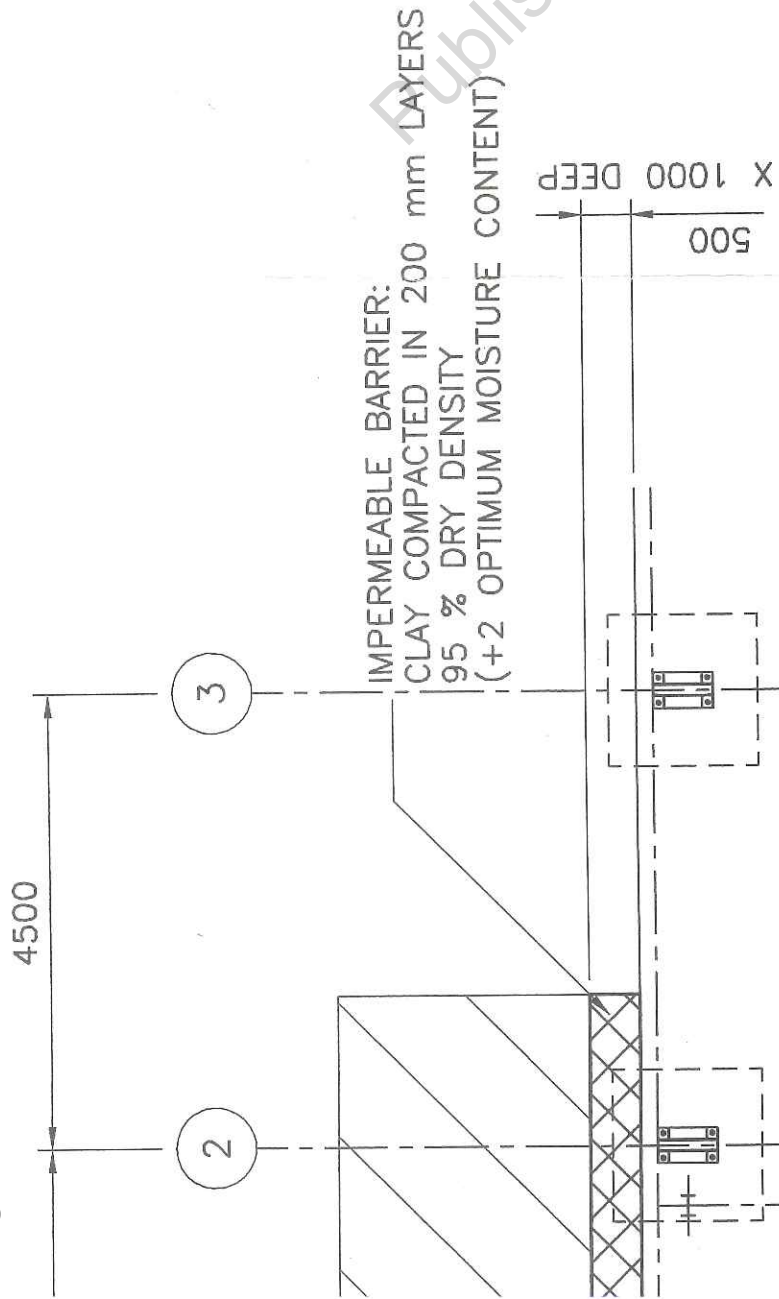
IMPERMEABLE BARRIER

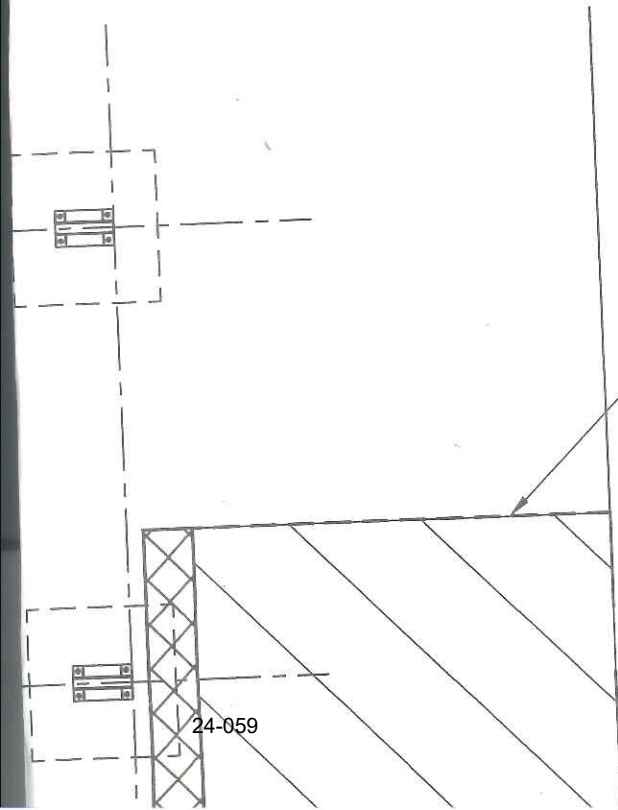
EXCAVATION DEPTH
1000 mm
(REFER EXCAVATION NOTE)



SITE DATA :
LOT 11 ELVIN STREET
4062 sq. metres
REGISTERED PLAN No. 728865
CITY OF MACKAY
PARISH OF HOWARD
COUNTY OF CARLISLE

ITEM No.	DESCRIPTION	No. OFF	REMARKS/REF. DWG.
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24-059

ILL MATERIAL :-
DECOMPOSED GRANITE
COMPACTED IN 200 mm LAYERS
95 % DRY DENSITY

CUT THRU EXISTING
CONCRETE SLAB

File A

GENERAL NOTES

- G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- G2 ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED. THE ENGINEERS DRAWINGS SHALL NOT BE SCALED.
- G3 DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVERSTRESSED UNDER CONSTRUCTION ACTIVITIES.
- G4 WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS AND STATUTORY REQUIREMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- G5 ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

EXCAVATION NOTES

- IMPERMEABLE BARRIER :-
THE EXTENT OF THE BARRIER IS INDICATIVE.
THIS WILL BE DETERMINED BY 'SIMMONS & BRISTOW'.
- EXCAVATION :-
THE EXTENT OF EXCAVATION AS SHOWN ON THIS DRAWING IS INDICATIVE.
A VISUAL INSPECTION WILL BE CARRIED OUT BY 'SIMMONS & BRISTOW' DURING THE EXCAVATION.
'SIMMONS & BRISTOW' WILL DETERMINE THE ACTUAL EXTENT OF THE EXCAVATION.
EXCAVATION AROUND THE COLUMNS SHOULD NOT EXTEND PAST THE UNDERSIDE OF THE EXISTING FOOTINGS.
IF THE EXCAVATION IS TO EXTEND BELOW THE UNDERSIDE OF THE EXISTING FOOTINGS, 'FRASER ENGINEERS' SHALL BE NOTIFIED BEFORE HAND.

FILL :-
REFER TO SPECIFICATION 'A1'

APPROVED FOR CONSTRUCTION

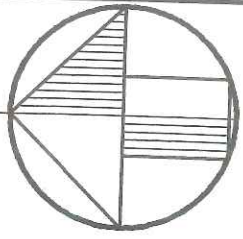
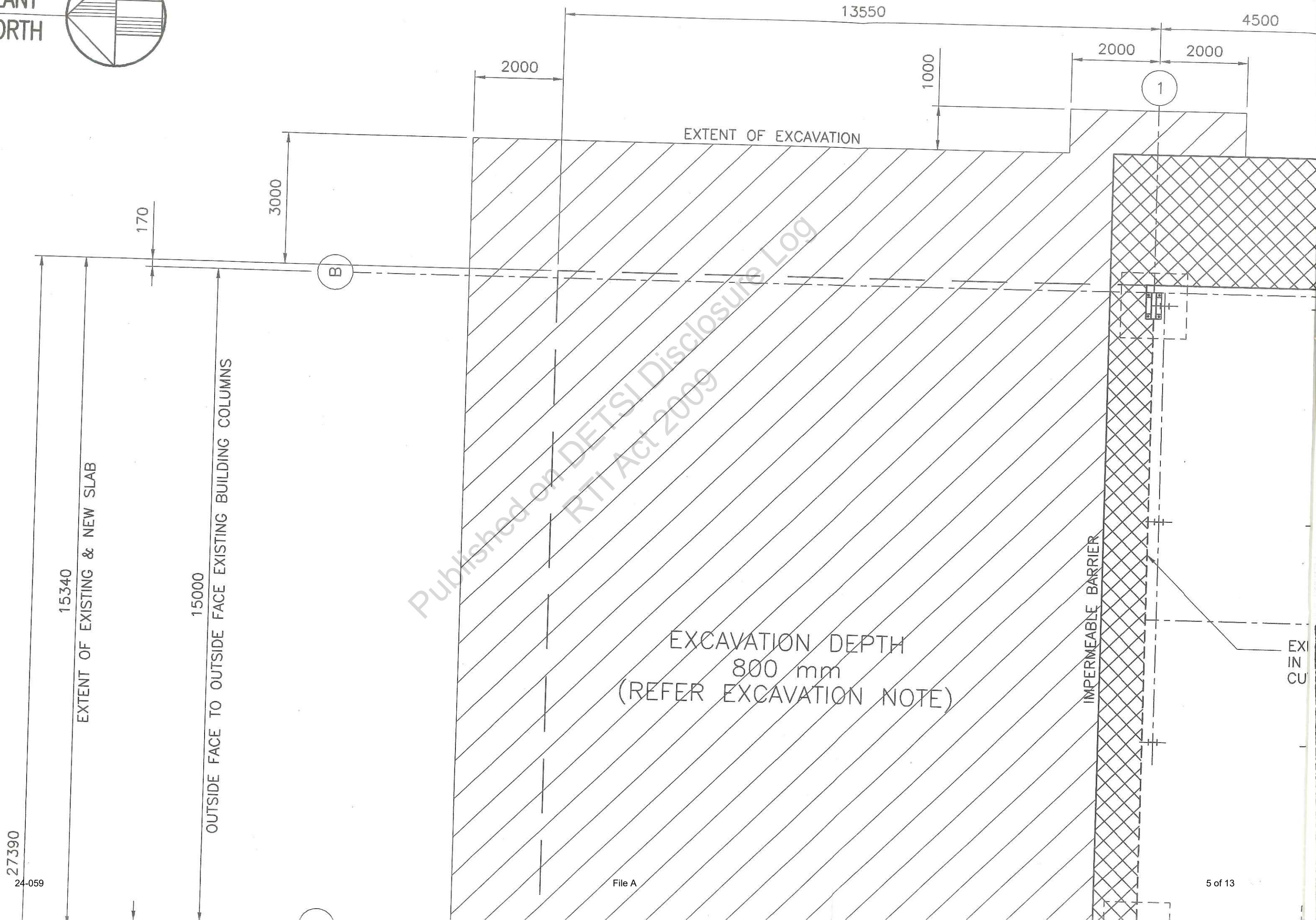
FRASER ENGINEERS.
CONSULTING ENGINEERS -- STRUCTURAL -- MECHANICAL -- CIVIL
TELEPHONE (079) 53 4440 FACSIMILE (079) 53 4435
OFFICES: 38-40 WELLINGTON ST MACKAY QUEENSLAND 4740
POSTAL: P.O.BOX 1515 MACKAY QLD. 4740
REGISTERED PROFESSIONAL ENGINEERS -- QUEENSLAND

DATE:	08/10/97
DRAWN:	F.C. IORIO
SCALE:	1 : 75
DIMENSIONS CHECKED:	
DESIGNED:	F. PARROTTA
DESIGN CHECKED:	

LOT 11 ELVIN STREET, MACKAY
CONTAMINATED SITE - REPLACEMENT
EXCAVATION PLAN
ARRANGEMENT & DETAILS

CONT.No.	
DRAWING No.	1059-02
REV	0
	A1

PLANT
NORTH



LEVEL TO TOP OF FILL,
 COMPACTED. (UNDERSIDE OF SLAB)
 SHALL BE AS PER LEVELS
 ON DRG No. 1059-01
 LESS A NOMINAL 170 mm
 LEVEL TO TOP OF COMPACTED FILL
 ELSEWHERE, SHOULD MATCH EXISTING
 GROUND LEVEL

EXCAVATION DEPTH
 THIS AREA
 2800 mm
 (EX. PIT 2)

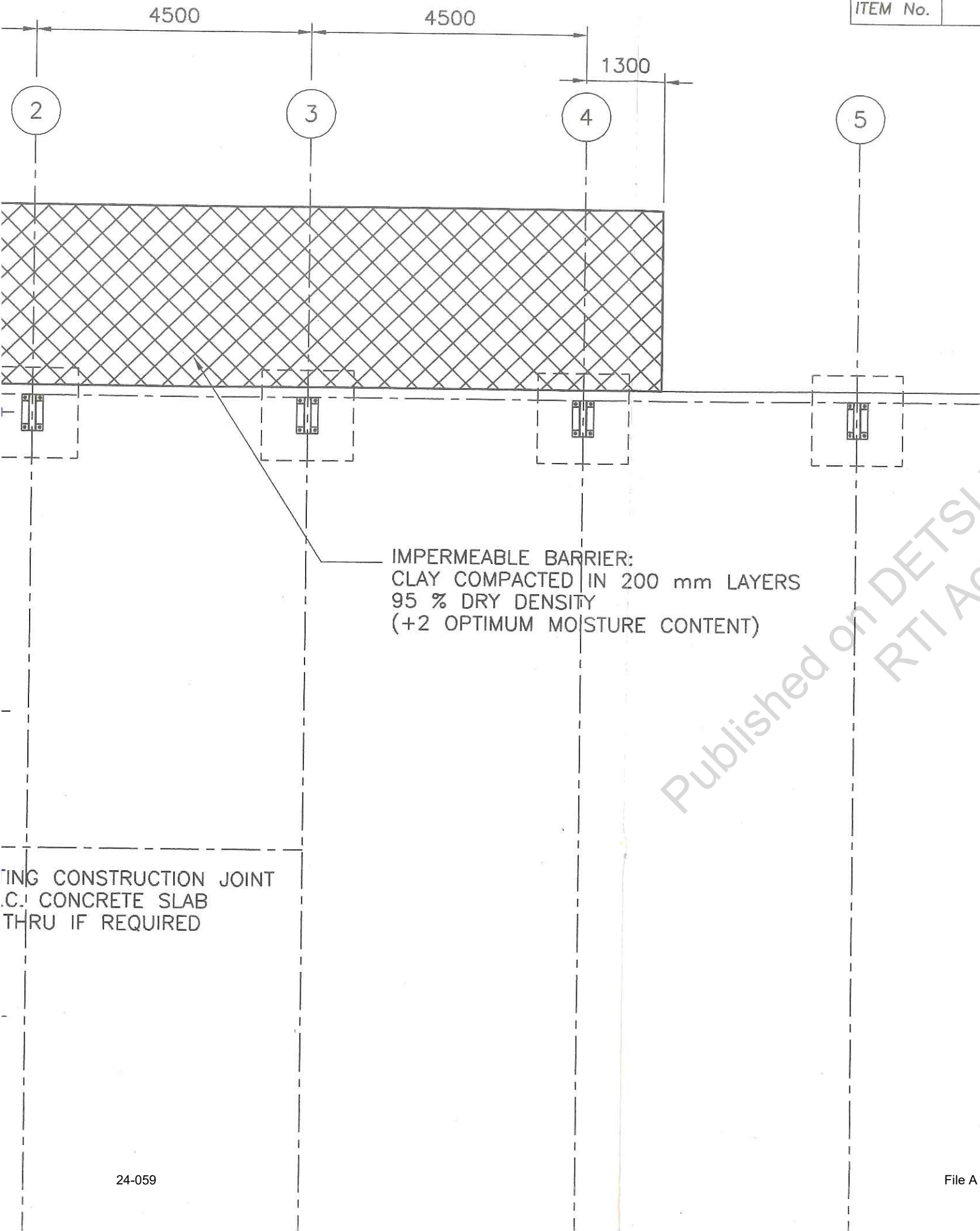
FILL M
 DECOM
 COMPA
 95 %
 FILL M
 'BAKER
 COMPA
 95 %

SITE DATA :
 LOT 11 ELVIN STREET
 4062 sq. metres
 REGISTERED PLAN No. 728865
 CITY OF MACKAY
 PARISH OF HOWARD
 COUNTY OF CARLISLE

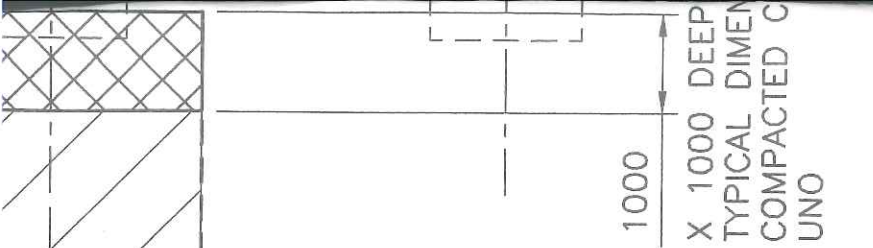
REV. 2 AS BUILT UPDATED TO SHOW MORE EXCAVATION DETAIL 24/11/97 FP
 REV. 1 AS BUILT 18/11/97 FP
 REV. 0 ISSUED FOR CONSTRUCTION 15/10/97 FP

CONSUL
 TEL
 OF
 REGI

ITEM No.	DESCRIPTION	No.OFF	REMARKS/REF. DWG.
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Published on DETSI Disclosure Log
RTI Act 2009



CUT THRU EXISTING
CONCRETE SLAB

1500

MATERIAL FOR TOP 200 mm :-
POSED GRANITE
TED IN 200 mm LAYER
RY DENSITY
MATERIAL FOR REMAINDER :-
'S CREEK' SAND
TED IN 200 mm LAYERS
RY DENSITY

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FILL :-
REFER TO SPECIFICATION 'A1'

**AS CONSTRUCTED
DRAWING**

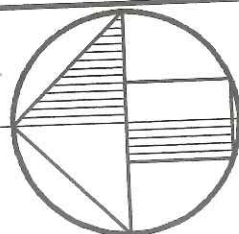
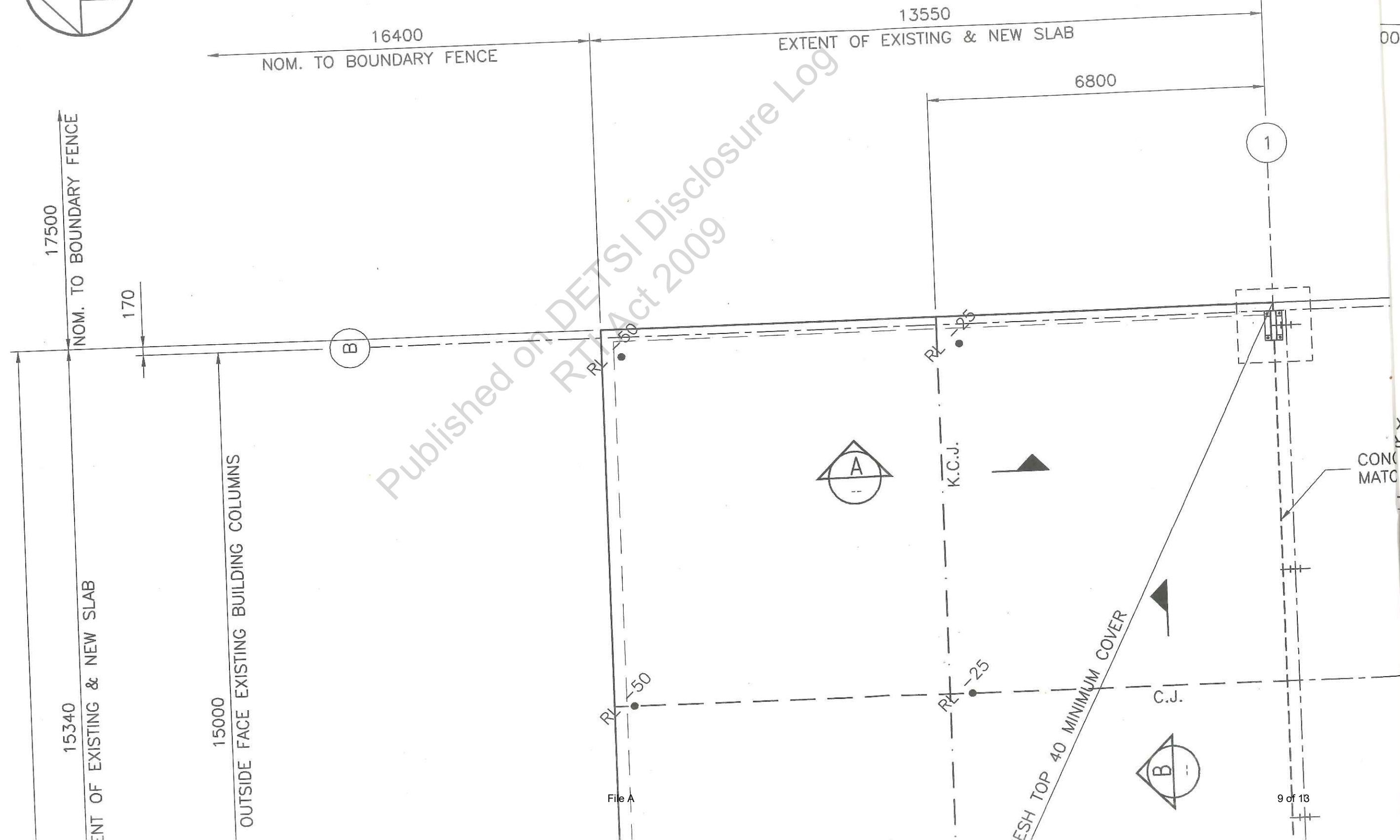
FRASER ENGINEERS .
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POSTAL: P.O.BOX 1515 MACKAY QLD. 4740
TERED PROFESSIONAL ENGINEERS -- QUEENSLAND

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DESIGN CHECKED:	

LOT 11 ELVIN STREET, MACKAY
CONTAMINATED SITE - REPLACEMENT
EXCAVATION PLAN
ARRANGEMENT & DETAILS

CONT.No.
DRAWING No. 1059-02
REV 0 1 2 A1

PLANT
NORTH



27390

4700

7350

7600

EXTENT OF EXISTING & NEW SLABS

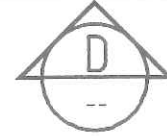
NOM. TO BOUNDARY FENCE

170

SITE DATA :
 LOT 11 ELVIN STREET
 4062 sq. metres
 REGISTERED PLAN No. 728865
 CITY OF MACKAY
 PARISH OF HOWARD
 COUNTY OF CARLISLE

OUTSIDE

A



RL -50

RL -65

RL -100

EDGE THICK

150 THICK CONCRETE SLAB GRADE N° 32 (32 MPa) WITH

RL -25

RL -65

RL -100

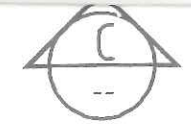
C.J.

C.J.

RL -65

RL -100

250



D.J.

CORNER TWO Y 12

13300

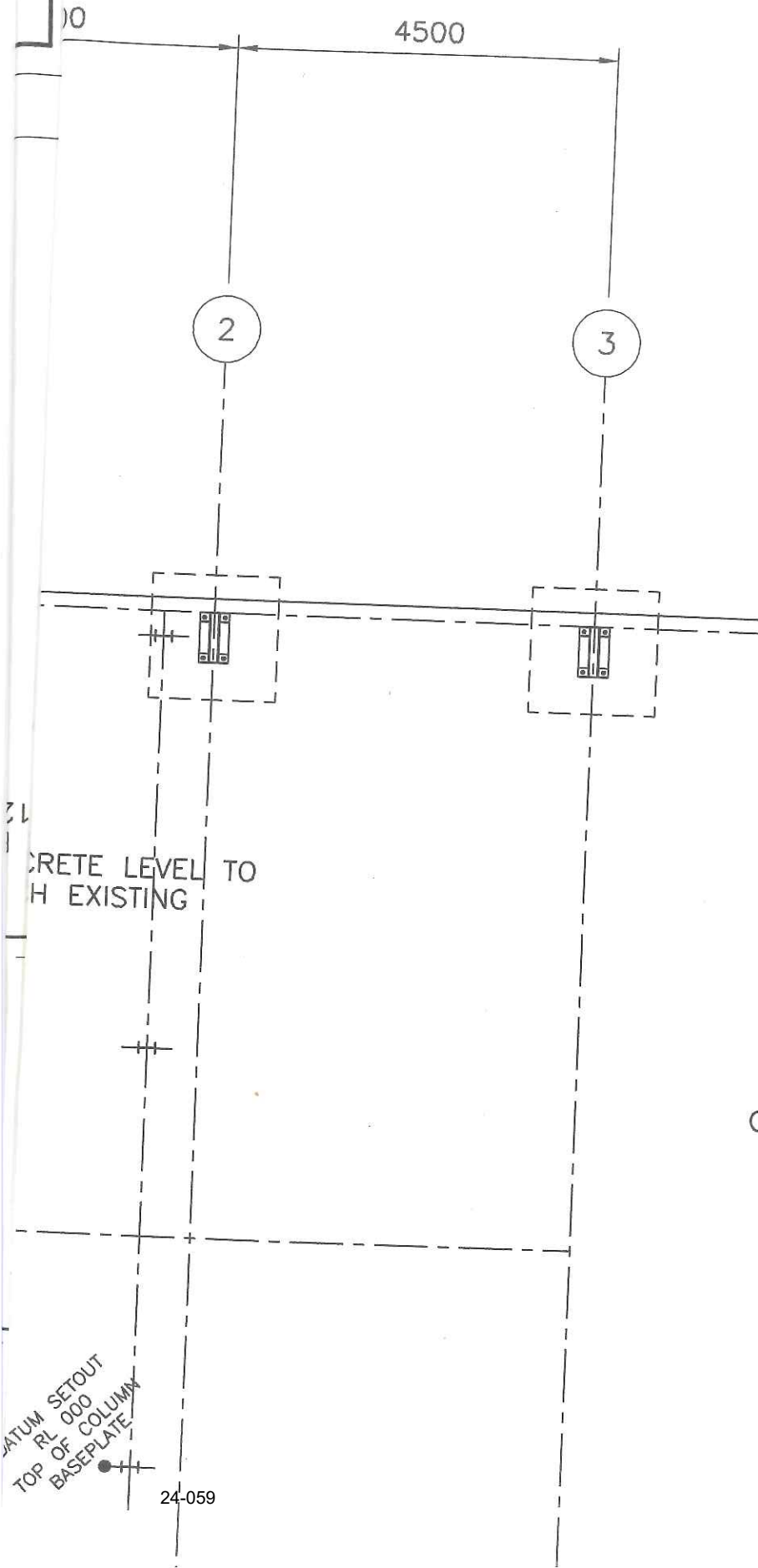
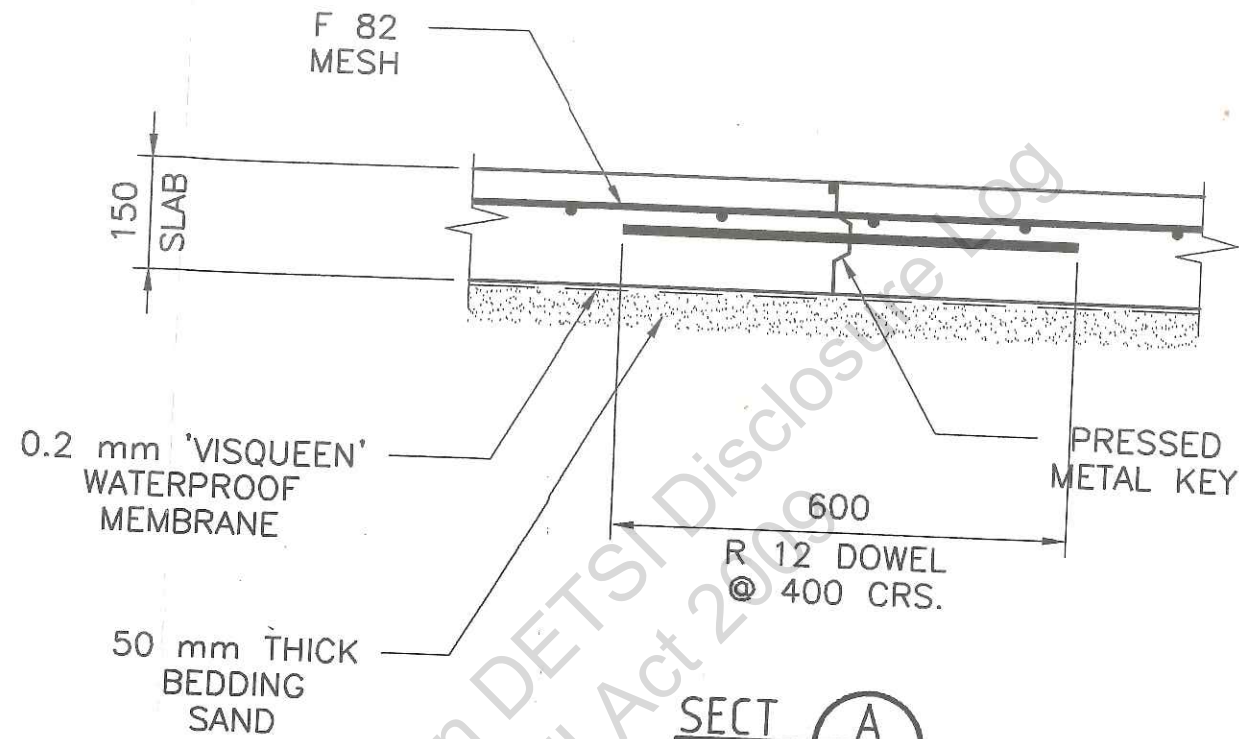
19550

ITEM No.

DESCRIPTION

No. OFF

REMARKS/REF. DWG.



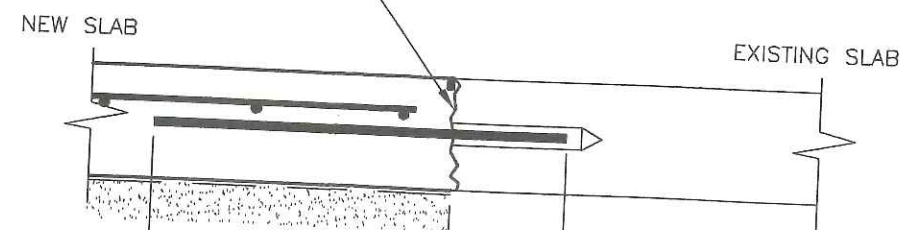
SECT

A

1:10

KEYED CONSTRUCTION JOINT (K.C.J.)

ENSURE FACE OF
EXISTING SLAB IS
CLEAN, & NO OIL OR
GREASE RESIDUES ARE
PRESENT

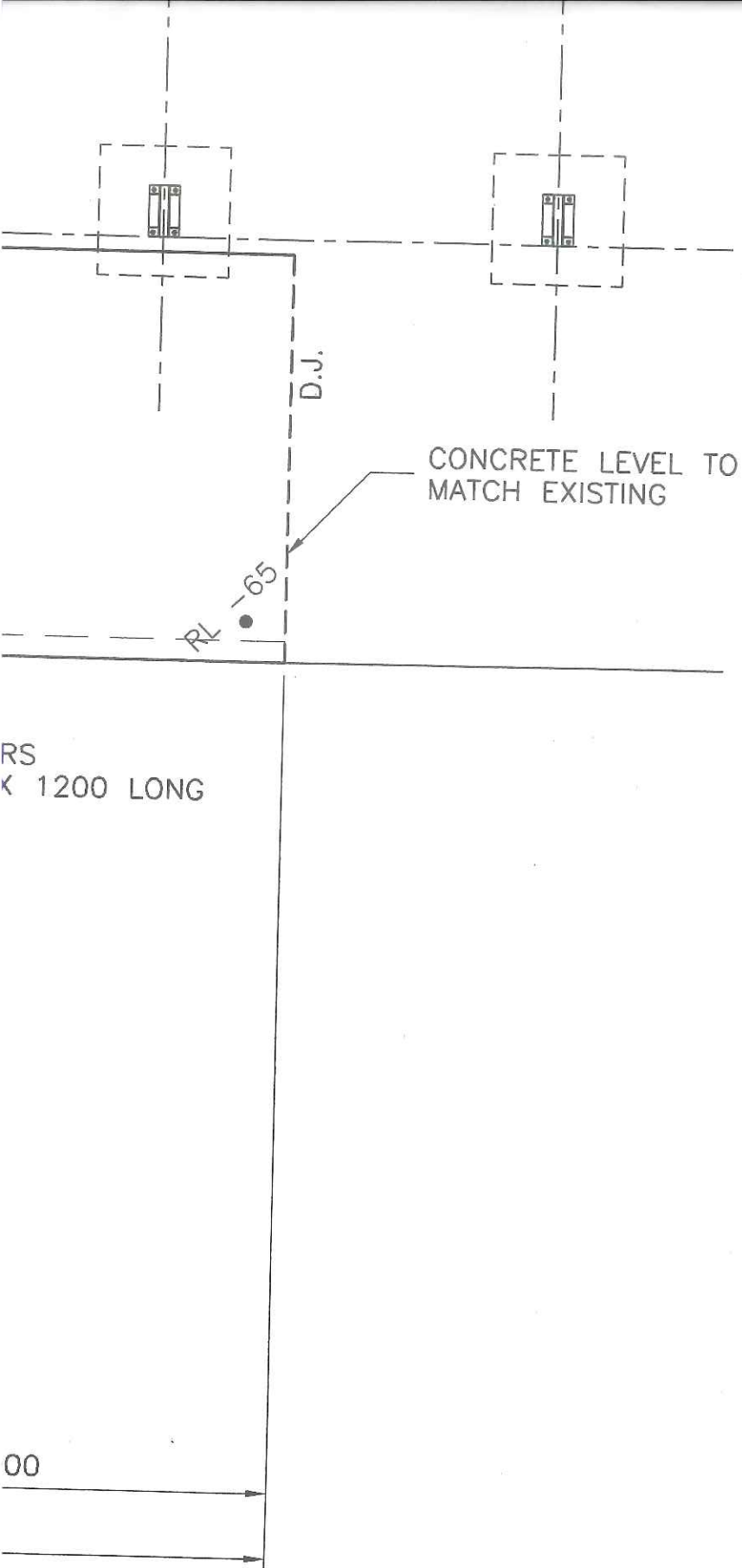


SECT

B

1:10

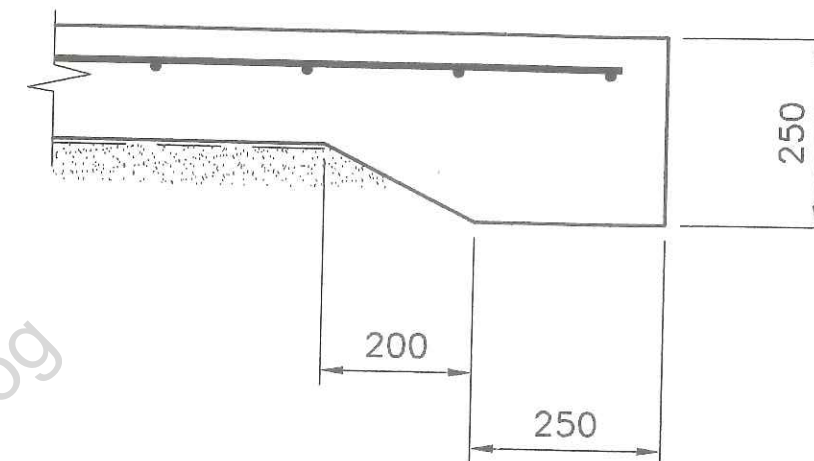
CONTROL JOINT (C.J.)



DRILL & EPOXY INTO
EXISTING SLAB
R 12 DOWELS
@ 500 CRS.

SECT C
1:10

DOWELED JOINT (D.J.)



SECT D
1:10

TYPICAL EDGE THICKENING

**AS CONSTRUCTED
DRAWING**

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- G6 LEVELS GIVEN ARE TO TOP OF FINISHED CONCRETE, UNLESS NOTED OTHERWISE.

CONCRETE NOTES:

- C1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS 3600.
- C2. MINIMUM COVER TO REINFORCEMENT TO BE AS FOLLOWS
SLAB 40 mm
- C3. REINFORCEMENT IS REPRESENTED DIAGRAMATICALLY AND NOT NECESSARILY SHOWN IN THE TRUE POSITION
- C4. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN OR AS OTHERWISE APPROVED BY THE ENGINEER
- C5. ALL REINFORCEMENT SHALL BE SUPPORTED IN ITS CORRECT POSITION SO AS NOT TO BE DISPLACED DURING CONSTRUCTION
- C6. REINFORCEMENT SYMBOLS:-
F HARD DRAWN STEEL WIRE REINFORCING FABRIC TO AS 1304
Y HOT ROLLED DEFORMED BARS TO AS 1302
R STRUCTURAL GRADE PLAIN ROUND BAR TO AS 1302
- C7. CONCRETE COMPOSITIONS AND QUALITY SHALL BE AS FOLLOWS:-
SLAB N 32 20mm AGGREGATE 80mm SLUMP
- C8. ALL CONCRETE SURFACES SHALL BE PROPERLY COMPACTED IN PLACE, THEN EXPOSED SURFACES CONTINUOUSLY MOIST CURED FOR A MINIMUM OF 7 DAYS
- C9. ALL EXPOSED EDGES OF CONCRETE TO HAVE A 20mm ARRIS

FRASER ENGINEERS.

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LOT 11 ELVIN STREET, MACKAY
CONTAMINATED SITE - REPLACEMENT
CONCRETE SLAB
ARRANGEMENT & DETAILS

CONT.No.	
DRAWING No.	1059-01
REV	0
12 of 11	

Date 17/12/97

QUEENSLAND
DEPARTMENT OF ENVIRONMENT

Receipt No. 47369

Received From ..	BOWATER INDUSTRIES AUST P/L	Amount ..	900.00
Cheque Details			
Bank	ANZ	Chq. No.	500453
Place	SYDNEY		
Particulars	CONTAM SITE REPORT		
4SRWM176 EH210	900.00		

Cashier MER Per Authorised Accounting Officer

Cheques or other negotiable instruments accepted subject to clearance