

5 January 2018

Enquiries: Daniel Lamond
Our Ref: OP2365/2017 (838026)
Your Ref: 17C049BSDC-L001

Chiodo Corporation C/- Sedgman Consulting
PO Box 9122
GOLD COAST QLD 9726

Dear Sir/Madam

Development Application for Operational Works (On-street works)
33 Davidson Street PORT DOUGLAS
Land Described as LOT 903 on PTD 2092

Please find attached the relevant decision notice for the above operational works development application.

In addition to the decision notice, Council provides an advice statement which relates to issues that are relevant to the proposed works.

Please quote Council's application number: OP2365/2017 in all subsequent correspondence relating to this development application. Should you require any clarification regarding this, please contact Daniel Lamond on telephone 07 4099 9456.

Yours faithfully

PAUL HOYE
Manager Sustainable Communities

encl.

- Decision Notice
- Approved Plans

DECISION NOTICE
APPROVAL (WITH CONDITIONS)
(GIVEN UNDER SECTION 63 OF *THE PLANNING ACT 2016*)

Thank you for your development application detailed below which was properly made on 10 November 2017. Please be aware that Douglas Shire Council has assessed your application and decided it as follows:

1. *Applicant's details*

Name: Chiodo Corporation C/- Sedgman Consulting

Postal Address: PO Box 9122
GOLD COAST QLD 9726

2. *Location details*

Street Address: 33 Davidson Street PORT DOUGLAS

Real Property Description: LOT: 903 TYP: PTD PLN: 2092

Local Government Area: Douglas Shire Council

3. *Details of proposed development*

Operational Works (On-street works)

4. *Decision*

Date of decision: 5 January 2018

Decision details: Approved in full with conditions. These conditions are set out in Schedule 1.

5. Approved plans and specifications

Copies of the following plans, specifications and/or drawings are enclosed.

Drawing/report title	Prepared by	Date	Reference no.	Revision
Aspect of development: Operational Works				
Cover Sheet & Locality Plan	Sedgman Consulting- Kate Ermolova	6 November 2017	Drawing No. 17C049-C-1-0000	A
General Notes & Typical Details	Sedgman Consulting- Kate Ermolova	6 November 2017	Drawing No. 17C049-C-1-0001	A
General Arrangement Plan	Sedgman Consulting- Kate Ermolova	19 December 2017	Drawing No. 17C049-C-1-0300	B
Stormwater Drainage Plan	Sedgman Consulting- Kate Ermolova	19 December 2017	Drawing No. 17C049-C-1-0300	B

6. Conditions

This approval is subject to the conditions in Schedule 1. These conditions are clearly identified to indicate whether the assessment manager or concurrence agency imposed them.

7. Further development permits

Please be advised that the following development permits are required to be obtained before the development can be carried out:

- All Building Work
- All Plumbing and Drainage Work

8. Currency period for the approval

This development approval will lapse at the end of the period set out in section 85 of *Planning Act 2016*.

9. Rights of appeal

The rights of applicants to appeal to a tribunal or the Planning and Environment Court against decisions about a development application are set out in chapter 6, part 1 of the *Planning Act 2016*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the *Planning Act 2016*).

A copy of the relevant appeal provisions are included in Schedule 2.

SCHEDULE 1 – CONDITIONS AND ADVICE

PART 1A—CONDITIONS IMPOSED BY THE ASSESSMENT MANAGER

1. The proposed works are permitted subject to any alterations:

- a. found necessary by Chief Executive Officer at the time of examination of Engineering drawings or during construction of the works because of particular engineering requirements and.
- b. to ensure the works comply in all respects with the requirements of the *FNQROC Development Manual* and good engineering practice; and
- c. to comply with project specific conditions and the following standard conditions of approval.

All works must be carried out in accordance with the approved plans, conditions and specifications, to the requirements and satisfaction of the Chief Executive Officer.

2. Timing of Effect

The conditions of this development permit must be effected prior to the approval and dating of the survey plan, except where specified otherwise in these conditions of approval, or at Council's discretion.

3. Hours of Work

Work involving the operation of construction plant and equipment of any description, shall only be carried out on site during the following times:

- a. 7:00 am to 6:00 pm, Monday to Friday;
- b. 7:00 am to 1:00 pm, Saturdays; and
- c. no work is permitted on Sundays or Public Holidays.

Any variations to the above working hours must be authorised by the Chief Executive Officer, prior to the commencement of such works.

4. No Standing Signage

A 'no standing' sign must be installed at the edge of the footpath in front of the sealed area adjacent to the light post. The positioning of this sign must be in accordance with the provisions of the *FNQROC Development Manual*.

REASONS FOR DECISION

1. The proposal generally complies with the FNQROC Development Manual and the relevant standards within it.
2. The proposal complied with the requirements of the 2006 Douglas Shire Planning scheme.
3. Council's infrastructure is not adversely affected by the proposed works.
4. The proposal triggered assessment under the Planning Act 2016.

For information relating to the *Planning Act* 2009 log on to www.dilgp.qld.gov.au . To access the *FNQROC Development Manual*, Local Laws and other applicable Policies log on to www.douglas.qld.gov.au .

RIGHTS OF APPEAL

Attached

SCHEDULE 2 – PLANNING ACT EXTRACT ON APPEAL RIGHTS

CHAPTER 6, PART 1 APPEAL RIGHTS

229 Appeals to tribunal or P&E Court

- (1) Schedule 1 states—
- (a) matters that may be appealed to—
 - (i) either a tribunal or the P&E Court; or
 - (ii) only a tribunal; or
 - (iii) only the P&E Court; and
 - (b) the person—
 - (i) who may appeal a matter (the appellant); and
 - (ii) who is a respondent in an appeal of the matter; and
 - (iii) who is a co-respondent in an appeal of the matter; and
 - (iv) who may elect to be a co-respondent in an appeal of the matter.
- (2) An appellant may start an appeal within the appeal period.
- (3) The **appeal period** is—
- (a) for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
 - (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
 - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or
 - (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
 - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
 - (f) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.
- Note — See the P&E Court Act for the court's power to extend the appeal period.*
- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
- (a) the adopted charge itself; or
 - (b) for a decision about an offset or refund—
 - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
 - (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

230 Notice of appeal

- (1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that—
- (a) is in the approved form; and
 - (b) succinctly states the grounds of the appeal.
- (2) The notice of appeal must be accompanied by the required fee.

- (3) The appellant or, for an appeal to a tribunal, the registrar must, within the service period, give a copy of the notice of appeal to—
- (a) the respondent for the appeal; and
 - (b) each co-respondent for the appeal; and
 - (c) for an appeal about a development application under schedule 1, table 1, item 1—each principal submitter for the development application; and
 - (d) for an appeal about a change application under schedule 1, table 1, item 2—each principal submitter for the change application; and
 - (e) each person who may elect to become a co-respondent for the appeal, other than an eligible submitter who is not a principal submitter in an appeal under paragraph (c) or (d); and
 - (f) for an appeal to the P&E Court—the chief executive; and
 - (g) for an appeal to a tribunal under another Act—any other person who the registrar considers appropriate.
- (4) The **service period** is—
- (a) if a submitter or advice agency started the appeal in the P&E Court—2 business days after the appeal is started; or
 - (b) otherwise—10 business days after the appeal is started.
- (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
- (6) A person elects to be a co-respondent by filing a notice of election, in the approved form, within 10 business days after the notice of appeal is given to the person.

SCHEDULE 1 APPEALS

1 Appeal rights and parties to appeals

- (1) Table 1 states the matters that may be appealed to—
- (a) the P&E court; or
 - (b) a tribunal.
- (2) However, table 1 applies to a tribunal only if the matter involves—
- (a) the refusal, or deemed refusal of a development application, for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (b) a provision of a development approval for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (c) if a development permit was applied for—the decision to give a preliminary approval for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (d) a development condition if—
 - (i) the development approval is only for a material change of use that involves the use of a building classified under the Building Code as a class 2 building; and
 - (ii) the building is, or is proposed to be, not more than 3 storeys; and
 - (iii) the proposed development is for not more than 60 sole-occupancy units; or
 - (e) a decision for, or a deemed refusal of, an extension application for a development approval that is only for a material change of use of a classified building; or
 - (f) a decision for, or a deemed refusal of, a change application for a development approval that is only for a material change of use of a classified building; or
 - (g) a matter under this Act, to the extent the matter relates to—

- (i) the Building Act, other than a matter under that Act that may or must be decided by the Queensland Building and Construction Commission; or
 - (ii) the Plumbing and Drainage Act, part 4 or 5; or
 - (h) a decision to give an enforcement notice in relation to a matter under paragraphs (a) to (g); or
 - (i) a decision to give an infrastructure charges notice; or
 - (j) the refusal, or deemed refusal, of a conversion application; or
 - (k) a matter that, under another Act, may be appealed to the tribunal; or
 - (l) a matter prescribed by regulation.
- (3) Also, table 1 does not apply to a tribunal if the matter involves—
- (a) for a matter in subsection (2)(a) to (d)—
 - (i) a development approval for which the development application required impact assessment; and
 - (ii) a development approval in relation to which the assessment manager received a properly made submission for the development application; or
 - (b) a provision of a development approval about the identification or inclusion, under a variation approval, of a matter for the development.
- (4) Table 2 states the matters that may be appealed only to the P&E Court.
- (5) Table 3 states the matters that may be appealed only to the tribunal.
- (6) In each table—
- (a) column 1 states the appellant in the appeal; and
 - (b) column 2 states the respondent in the appeal; and
 - (c) column 3 states the co-respondent (if any) in the appeal; and
 - (d) column 4 states the co-respondents by election (if any) in the appeal.
- (7) If the chief executive receives a notice of appeal under section 230(3)(f), the chief executive may elect to be a co-respondent in the appeal.

Extract of Schedule 1 of the Planning Act 2016

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
1. Development applications An appeal may be made against— <ul style="list-style-type: none"> (a) the refusal of all or part of the development application; or (b) the deemed refusal of the development application; or (c) a provision of the development approval; or (d) if a development permit was applied for—the decision to give a preliminary approval. 			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant	The assessment manager	If the appeal is about a concurrence agency's referral response—the concurrence agency	1 A concurrence agency that is not a co-respondent 2 If a chosen assessment manager is the respondent—the prescribed assessment manager 3 Any eligible advice agency for the application 4 Any eligible submitter for the application

Table 2
Appeals to the P&E Court only

<p>2. Eligible submitter appeals</p> <p>An appeal may be made against the decision to give a development approval, or an approval for a change application, to the extent that the decision relates to—</p> <p>(a) any part of the development application for the development approval that required impact assessment; or</p> <p>(b) a variation request.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency's referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>
<p>3. Eligible submitter and eligible advice agency appeals</p> <p>An appeal may be made against a provision of a development approval, or failure to include a provision in the development approval, to the extent the matter relates to—</p> <p>(a) any part of the development application or the change application, for the development approval, that required impact assessment; or</p> <p>(b) a variation request.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p> <p>3 An eligible advice agency for the development application or change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency's referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>

Note:

Attached is a Rights of Appeal Waiver form (Schedule 3). Please complete and return this form if you are satisfied with the approval and agree to the conditions contained therein and you wish to waive the 20 day appeal period available under the *Planning Act 2016*

APPROVED PLANS (ATTACHING TO THE DECISION NOTICE)

PROPOSED RESIDENTIAL DEVELOPMENT

33 DAVIDSON STREET, PORT DOUGLAS

CIVIL ENGINEERING OPERATIONAL WORKS


FOR : CHIDO CORPORATION



SITE PLAN
SCALE: N.T.S.
(SOURCED FROM GOOGLE MAPS)

LEVELS & GRID
LEVELS TO AHD
(AUS. TIRANIAN HEIGHT DATUM)
GRID ASSUMED LOCAL

DRAWING INDEX	
DWG No	DESCRIPTION
17C049-C-1-0000	COVER SHEET & LOCALITY PLAN
17C049-C-1-0001	GENERAL NOTES & TYPICAL DETAILS
17C049-C-1-0300	GENERAL ARRANGEMENT PLAN
17C049-C-1-0400	STORMWATER DRAINAGE PLAN

		THIS DESIGN AND PLAN IS COPYRIGHT AND IS NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF SEDGMAN CONSULTING PTY LTD. DRAWING IS NOT TO BE SCALED.		CLIENT CHIODO CORPORATION	PROJECT 33 DAVIDSON STREET, PORT DOUGLAS	 LEVEL 1, 80 FERRY ROAD, SOUTHPORT QLD 4215 AUSTRALIA T 07 5558 4280 F 07 5558 4281 E info@sedgman.com.au W www.sedgman.com.au	TITLE COVER SHEET & LOCALITY PLAN																								
SCALE 1:1000 (SEE SHEET 1000)		ORIGINAL SHEET SIZE A1		STAGE / PHASE FOR APPROVAL	FOR CONSTRUCTION ONLY (STAMPED AND APPROVED BY COUNCIL)		<table><tr><td>TASK</td><td>BY</td><td>INITIAL</td><td>DATE</td><td>APPROVED</td><td>SPED No</td></tr><tr><td>DESIGN</td><td>S.M.</td><td></td><td>01/11/17</td><td></td><td></td></tr><tr><td>DESIGN</td><td>R.J.</td><td></td><td>01/11/17</td><td></td><td></td></tr><tr><td>DRAWN</td><td>J.A.</td><td></td><td>01/11/17</td><td></td><td></td></tr></table>	TASK	BY	INITIAL	DATE	APPROVED	SPED No	DESIGN	S.M.		01/11/17			DESIGN	R.J.		01/11/17			DRAWN	J.A.		01/11/17		
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DRAWN	J.A.		01/11/17																												

GENERAL

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS:
 - OTHER PROVIDED ENGINEERING DRAWINGS
 - TECHNICAL SPECIFICATIONS
 - SUPPLEMENTARY SPECIFICATIONS
 - WRITTEN INSTRUCTIONS
2. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT SPECIFICATION FOR THE WORKS TOGETHER WITH THE REQUIREMENTS OF ALL THE RELEVANT CODES OF PRACTICE REFERRED TO THEREIN AND THE REQUIREMENTS OF D.S.C. & TMR STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, PROVISION & CERTIFICATION OF ANY TEMPORARY BRACING, PROPPING ETC. TO DRAINAGE PIPES DURING CONSTRUCTION. STRUCTURES SHALL BE MAINTAINED IN A STABLE POSITION AND NO PART SHALL BE OVERSTRESSED.
3. ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK. DISCREPANCIES SHALL BE REFERRED TO THE SITE SUPERINTENDENT.
4. DO NOT OBTAIN DIMENSIONS FROM SCALING.
5. NATURAL SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE ONLY.
6. ANY PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF PERMANENT OR TEMPORARY WORKS SHALL BE OBTAINED BY THE CONTRACTOR.
7. D.S.C. STANDARD DETAILS ARE TO BE ADOPTED UNLESS STATED OTHERWISE.

ROADWORKS

1. NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH D.S.C. STANDARD SPECIFICATIONS AND DRAWINGS.
2. SIDE DRAINS SHALL BE CONSTRUCTED UNDER ALL NEW KERB AS SPECIFIED WITHIN THESE DRAWINGS AND AS DIRECTED BY THE SUPERINTENDENT. REFER IF/WEAD STANDARD DMS No. 95-146.
3. FLUSHING POINTS SHALL BE PROVIDED FOR SIDE DRAINS AT THE REQUIRED SPACINGS IN ACCORDANCE WITH D.S.C. STANDARD DRAWINGS AND SPECIFICATIONS.
4. GEOTECHNICAL TEST RESULTS ARE TO BE FORWARDED TO THE SUPERINTENDENT PRIOR TO FINAL BORING. TESTS SHALL INCLUDE SOAKED C.B.R. AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT. THESE TESTS SHALL BE USED TO CONFIRM THE PAVEMENT DESIGN SHOWN ON THESE DRAWINGS.
5. THE PAVEMENT DESIGN ON THE DRAWINGS IS NOT FOR CONSTRUCTION UNTIL FINAL C.B.R. TEST RESULTS ARE REVIEWED AND APPROVED BY THE SITE SUPERINTENDENT. CONSTRUCTION OF THE PAVEMENT TO THE DESIGN SHOWN ON THE DRAWINGS, PRIOR TO RECEIPT OF THE FINAL C.B.R. TESTS, SHALL BE UNDERTAKEN AT THE CONTRACTOR'S OWN RISK.
6. THE CONTRACTOR SHALL OBTAIN THE LOCATION OF ALL SERVICES AND PROTECT THESE SERVICES PRIOR TO WORKING IN THE VICINITY. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
7. WORKS TO ANY SERVICES SHOULD BE DONE IN CONSULTATION WITH THE APPROPRIATE SERVICE PROVIDER.
8. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THE CONSTRUCTION WORKS SHALL BE PROTECTED FROM DAMAGE. ANY DAMAGE TO DRIVEWAYS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. ENTRY INTO EXISTING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
10. TEMPORARY WARNING SIGNS TO BE ERECTED AS PER THE DEPARTMENT OF TRANSPORT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
11. SEAL TO BE A.C. SURFACING - AS SPECIFIED.

WATER

1. NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH D.S.C. STANDARD SPECIFICATIONS AND DRAWINGS.
2. ALL FITTINGS SHALL BE D.I.G.L. CLASS K9 RUBBER RING JOINTED SPIGOT AND SOCKET TO AS 2280.25W.
3. ANCHOR BLOCKS SHALL BE INSTALLED AT ALL BENDS, JUNCTIONS AND DEAD ENDS.
4. THE CONTRACTOR SHALL OBTAIN THE LOCATION OF ALL SERVICES AND PROTECT THESE SERVICES PRIOR TO WORKING IN THE VICINITY. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. OFFSET FROM BOUNDARY TO WATER MAIN 15m UNLESS NOTED OTHERWISE.
6. ALL TRENCH BACK FILL MATERIAL UNDER ROAD PAVEMENT SHALL BE CBR 15 OR APPROVED EQUIVALENT.
7. ANY WORKS ASSOCIATED WITH LIVE WATER CONNECTIONS TO BE CARRIED OUT BY D.S.C. APPLICATIONS, FEES & EXPENSES FOR THESE CONNECTIONS ARE THE RESPONSIBILITY OF THE DEVELOPER.

CONCRETE

1. COMPLY WITH AS3600 CONCRETE STRUCTURES.
2. DESIGN AND CONSTRUCT FORMWORK IN ACCORDANCE WITH AS3600.
3. PROVIDE QUALITY OF FINISHES OF FORMED SURFACES IN ACCORDANCE WITH AS3600 AND AS FOLLOWS UNDO ON DRAWINGS:
 - EXPOSED SURFACES - CLASS 3
 - CONCEALED SURFACES - CLASS 4
 - IN CONTACT WITH GROUND - CLASS 5
4. THE LISTED SIZE OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES. PROVIDE CHAMFERS, FILLETS, REGLETS AND DRIP GROOVES AS SHOWN ON THE STRUCTURAL DRAWINGS.
5. DO NOT MAKE ANY PENETRATIONS OR CHASES OR EMBED ANY ITEMS OTHER THAN THOSE SHOWN IN THE STRUCTURAL DRAWINGS WITHOUT APPROVAL OF THE ENGINEER.
6. FORM CONSTRUCTION JOINTS ONLY WHERE APPROVED BY THE ENGINEER.
7. REINFORCEMENT SYMBOLS:
 - "S" DENOTES GRADE 250S HOT ROLLED DEFORMED BAR TO AS1362.
 - "Y" DENOTES GRADE 400Y HOT ROLLED DEFORMED BAR TO AS1362.
 - "R" DENOTES GRADE 250R HOT ROLLED PLAIN BAR TO AS1362.
 - "M" DENOTES HARD-DRAWN PLAIN WIRE TO AS1362.
 - "RFR/L" DENOTES HARD-DRAWN RIBBED WIRE FABRIC TO AS1362.
 - "M" DENOTES GRADE 500M HOT ROLLED DEFORMED BAR TO AS1362.

THE NUMBER FOLLOWING THE BAR SYMBOL IS THE BAR DIAMETER IN mm.

PROVIDE COVER TO REINFORCEMENT AS FOLLOWS:

ELEMENT COVER

PAVEMENTS 40mm TOP

CONCRETE IN CONTACT WITH GROUND 60mm

SUPPORT REINFORCEMENT IN ITS CORRECT POSITION DURING CONCRETING BY APPROVED BAR CHAIRS, SPACERS OR SUPPORT BARS SUITABLE FOR THE EXPOSURE CONDITIONS

18. LAP BAR REINFORCEMENT AS FOLLOWS UNDO ON DRAWINGS:

N12 550mm N29 1000mm

N16 150mm N32 500mm

N23 950mm N36 1700mm

N24 1000mm N42 1900mm

11. BARS WITH MORE THAN 300mm OF CONCRETE UNDER THEM SHALL HAVE LAPS 125 TIMES THESE LENGTHS

12. LAP MESH REINFORCEMENT BY ONE COMPLETE MESH

13. DO NOT WELD OR SITE BOND REINFORCEMENT UNLESS SHOWN IN THE DRAWINGS OR OTHERWISE SPECIFIED BY THE ENGINEER

14. REINFORCEMENT IS REPRESENTED DIAGMATICALLY AND IS NOT NECESSARILY SHOWN IN TRUE PROJECTION

15. PROVIDE FRESH CONCRETE FOR EACH ELEMENT AS FOLLOWS:

ELEMENT GRADE MAX AG SLUMP

PAVEMENTS N12 20mm 80mm

MASS CONCRETE N29 20mm 80mm

16. SAMPLE TEST AND ASSESS CONCRETE COMPLIANCE IN ACCORDANCE WITH PROJECT ASSESSMENT STRENGTH-GRADE TO SECTION OF AS3600

17. THE CONCRETE SHALL BE COMPACTED USING HIGH-FREQUENCY VIBRATORS

18. ALL SLABS SHALL BE PLACED AT THE SAME TIME AS BEAMS OF WHICH THEY FORM PART

19. TRIM ALL PENETRATIONS LESS THAN 300mm WITH 2-N6 BARS EACH SIDE, EACH FACE AND DISPLACE REINFORCEMENT EACH SIDE

20. CURING OF ALL CONCRETE SURFACES SHALL COMMENCE IMMEDIATELY AFTER SURFACES ARE FINISHED AS SPECIFIED AND SHALL CONTINUE FOR A MINIMUM OF 7 DAYS

21. ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER

22. CEMENT SHALL BE TYPE A NORMAL CLASS PORTLAND CEMENT UNLESS NOTED OTHERWISE

23. MAXIMUM 56 DAY SHRINKAGE STRAIN TO BE 65 MICRONS WHEN TESTED IN ACCORDANCE WITH AS1012

24. MAXIMUM FLYASH CONTENT TO BE 10% MEASURED BY WEIGHT OF CEMENTITIOUS MATERIAL

25. CONCRETE COMPRESSIVE STRENGTH TESTING TO BE CARRIED OUT ONCE EVERY 50 CUBIC METRES

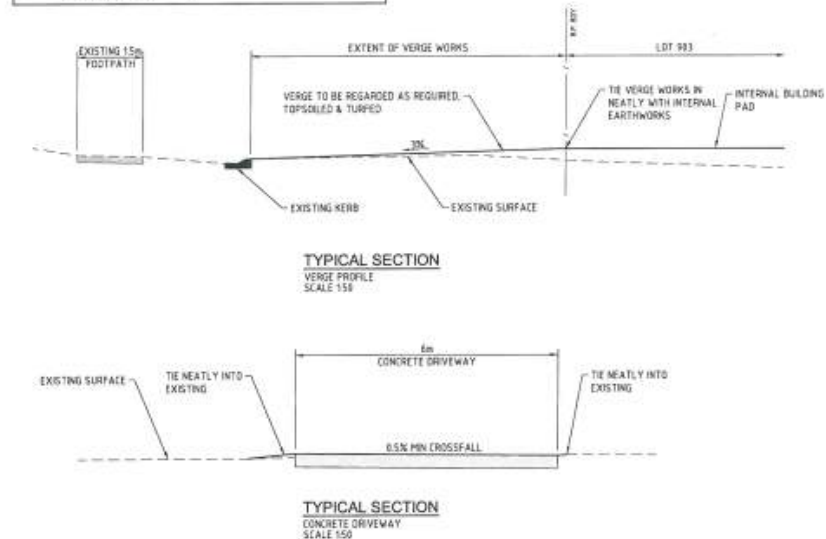
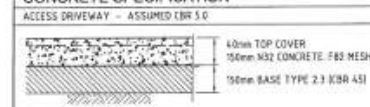
SIGNAGE

1. FINAL SIGN LOCATIONS TO BE DETERMINED ON SITE BY THE SUPERINTENDENT.
2. ALL TRAFFIC SIGNS TO BE SIZE 'A' UNLESS NOTED OTHERWISE.
3. FOR GUARD POST INSTALLATION AND DETAILS, REFER QUEENSLAND TRANSPORT STANDARD DRAWINGS No. 1056.
4. FOR TRAFFIC SIGN SUPPORT DETAILS, REFER QUEENSLAND TRANSPORT STANDARD DRAWINGS No. 1304 & 1302.
5. ALL SIGN MATERIAL TO BE CLASS 1.
6. ALL SIGNAGE, LINE MARKING & ROPMS ARE TO BE PREPARED IN ACCORDANCE WITH THE CURRENT QUEENSLAND TRANSPORT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).

DRAINAGE

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3. ALL LOCATIONS, ORIENTATION AND LEVELS SHALL BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK. DISCREPANCIES SHALL BE REFERRED TO THE SITE SUPERINTENDENT.
4. DO NOT OBTAIN DIMENSIONS FROM SCALING.
5. NATURAL SURFACE LEVELS ON THE DRAWINGS ARE INDICATIVE ONLY.
6. ANY PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF PERMANENT OR TEMPORARY WORKS SHALL BE OBTAINED BY THE CONTRACTOR.
7. D.S.C. STANDARD DETAILS ARE TO BE ADOPTED UNLESS STATED OTHERWISE.

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SCALE	(AT ORIGINAL SHEET SIZE)	ORIGINAL SHEET SIZE		STATUS / PHASE FOR APPROVAL		FOR CONSTRUCTION SET STAMPER AND APPROVED BY (DATE)		SEDGMAN	
A	ORIGINAL ISSUE	K.E.	20.11.17					LEVEL 1: 30 HARRY ROAD, DOUGLASSPORT QLD 4215 AUSTRALIA	
D	FOR CORPORATION	J.A.	01.12.17					T 07 5588 4262 email@sedgman.com.au www.sedgman.com.au/sedgman-consulting	
REV	DESCRIPTION	DATE						REVISION	
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