

29 September 2021

Okara Pty Ltd
 C/- Empire Engineering Pty Ltd
 Empire Engineering Pty Ltd
 PO Box 2052
 BUNDABERG QLD 4670

Dear Ross

DECISION NOTICE – APPROVAL WITH CONDITIONS – DA2021/21/01

(GIVEN UNDER SECTION 63 PLANNING ACT 2016 AND THE PROVISIONS OF PORT OF BUNDABERG LAND USE PLAN 2020)

1. Application Details

This development application was **properly made** to the Gladstone Ports Corporation Limited on **14 July 2021**.

Application Number:	DA2021/21/01
Applicant Name:	Okara Pty Ltd C/- Empire Engineering Pty Ltd
Applicant Contact Details:	Ross Wegner Empire Engineering Pty Ltd PO Box 2052 BUNDABERG QLD 4670 Email: admin.cc@empireengineering.com.au
Approvals Sought (Land Use Plan):	Operational Works for Bulk Earthworks (to facilitate Multi-product bulk storage facility)
Details of Proposed Development:	Bulk Earthworks, including excavation/ filling and stormwater infrastructure
Location Street Address:	63 Buss Street, Burnett Heads (also known as 46 Wharf Drive, Burnett Heads)
Location Real Property Description:	Lease G in Lot 1 on SP308111 on SP324114
Land Owner:	Gladstone Ports Corporation Limited
Land Use Plan Precincts:	Strategic Port Land – Port Industry Precinct
Local Government Area:	Bundaberg Regional Council

2. Details Of Proposed Development

Operational Works for Bulk Earthworks (for Multi-product bulk storage facility) including filling and stormwater infrastructure.

3. Details Of Decision

This development application was **decided** on **29 September 2021**.

This development application is **approved in full with conditions**. These conditions are set out in Attachment 1 and are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

This application **is not** taken to have been approved (a deemed approval) under section 64(5) of the *Planning Act 2016*.

4. Details Of Approval

This development approval is a **Development Permit** given for:

- (a) Operational works for excavating and filling
(*Planning Regulation 2017* reference Schedule 10, part 13, division 5, subdivision 1).

5. Conditions

This development approval is subject to the conditions in Attachment 1 - Part 1 and Part 2.

6. Further Development Permits

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

- (a) Development Permit for Operational works for any works to formalise the stormwater drainage system to frontage of the subject site (if required/ triggered).

7. Approved Plans and Specifications

Copies of the following plans, specifications and/or drawings are approved and enclosed in Attachment 2:

Drawing/report title	Prepared by	Date	Reference no.	Version	Approval subject to the following changes
Aspect of development: Operational work for Bulk Earthworks					
Title Sheet, Locality Plan and Standard Notes	Empire Engineering	16/08/2021	Draw. No. EWK01	Rev B	

Construction Management Notes	Empire Engineering	16/08/2021	Draw. No. EWK02	Rev B	
Sediment and Erosion Control Notes and Details	Empire Engineering	16/08/2021	Draw. No. EWK03	Rev B	
Sediment and Erosion Control Layout Plan	Empire Engineering	16/08/2021	Draw. No. EWK04	Rev B	
Bulk Earthworks Plan	Empire Engineering	16/08/2021	Draw. No. EWK05	Rev B	
Cutoff Drain Sections	Empire Engineering	16/08/2021	Draw. No. EWK06	Rev B	
Box Culvert Base Slab Details	Empire Engineering	16/08/2021	Draw. No. EWK07	Rev B	
Proposed Stormwater Catchment Plan – Roadworks & Drainage	RMA Engineers	15/11/2019	Draw. No. 136216	Rev B	As amended 28/09/2021

12. Currency Period for the Approval

Pursuant to section 85 of the Planning Act, this development approval will lapse at the end of the periods set out below:

- (a) For approvals other than a Material Change of Use or Reconfiguring a Lot, the approval lapses if the development does not substantially start within 2 years of this approval taking effect.

13. 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*).

Attachment 3 is an extract from the *Planning Act 2016* that sets down the applicant's appeal rights and the appeal rights of a submitter.

For further information please contact Judy Horsfall, Planning Advisor, on 07 4976 1314 or the undersigned on 07 4976 1287 or via email planning@gpcl.com.au.

Yours sincerely,

Erin Clark
Principal Planner

Cc: Bundaberg Regional Council

Enc. Attachment 1: Conditions of Approval
Part 1 – Conditions imposed by the assessment manager
Attachment 2: Approved plans and specifications
Attachment 3: Extract of appeal provisions

Gladstone Ports Corporation Limited

T: +61 7 4976 1333 • Fax: +61 7 4972 3045 • 40 Goondoon St/PO Box 259, Gladstone QLD, 4680, AUSTRALIA • www.gpcl.com.au
ACN 131 965 896 ABN 96 263 788 242

Attachment 1 Conditions of Approval

PART 1: ASSESSMENT MANAGER CONDITIONS

In general the development proposal is in compliance with the requirements of Gladstone Ports Corporation Limited (GPC). This development approval is subject to each the following conditions which are stated by GPC, the Assessment Manager.

Part 1a: Approval sought under Planning Act 2016 – Operational work for Bulk Earthworks on strategic port land

GENERAL

1. The proposed development must be carried out generally in accordance with the approved plans except where modified by conditions of this permit.
2. Unless otherwise stated, all conditions must be completed prior to the commencement of the works.
3. Where additional “approval” is required under these conditions by the Assessment Manager (GPC) for drawings or documentation the proponent must submit for review, amend to the satisfaction of, and obtain written approval from the Assessment Manager.

Furthermore, the Assessment Manager will require no less than 10 business days, unless otherwise conditioned by the Assessment Manager, to initially assess the drawings or documentation provided prior to the commencement of the works. Should further information be required for assessment, the Assessment Manager will require a further 5 business days to complete the information request assessment and response. All other relevant approvals/certification must be obtained before commencement of the works/ development or operation of the development, including any Building works.

4. The proponent must at its cost and expense, keep and maintain the subject area, including existing services, in a state that is satisfactory to the Assessment Manager.

Amended Plans

5. Prior to commencement of construction and/or works, submit to and have approved by the Assessment Manager, amended plans and/or documents which incorporate the following:
 - a) A formalised or constructed drainage channel between the premises and road reserve boundary for the purpose of maintaining stormwater drainage from the culvert 16 catchment to culvert 16.OR
 - b) An alternative solution for stormwater drainage that is considered acceptable to, and approved by the Assessment Manager and other relevant authorities i.e. Bundaberg Regional Council.

Once approved, the amended plans will form part of the Approved plans.

Note: The works or solution (if different to proposals within this development application) may be subject to additional assessment where deemed by the Assessment Manager.

ENGINEERING

Infrastructure

6. Upon completion of the works, the proponent must supply the Assessment Manager with RPEQ certified “As Constructed” plans in both hard copy (2 of) and electronic (CAD format) which illustrate all infrastructure and services installed on, under or over Port land associated with the activity.
7. The proponent must also certify that the works is constructed as per design and that the works have been constructed generally in accordance with the approved plans upon completion of the works.

8. The bulk earthworks must be carried out in accordance with Australian Standard AS3798 level 1 inspection and testing and associated certification of compliance provided to the Assessment Manager upon completion of the works.
9. Any site lighting used during construction or works should not negatively impact on the visibility of Navigational Aids utilised for the primary shipping channels nor illuminate a landward glare beyond the site boundary. Lighting must be reviewed during works with respect to navigation. Where an issue is identified or a validated complaint received, the proponent must immediately rectify to the satisfaction of the Assessment Manager.
10. The applicant must notify the Assessment Manager of damage caused to any port or port user infrastructure or services including, but not limited to, security related devices, buildings, fences, lighting etc., walkways and underground services or infrastructure, as a result of the works. The proponent must undertake necessary repairs at their expense and to the satisfaction of the Assessment Manager.

Stormwater

11. The development must be designed and constructed so that stormwater from the culvert 16 catchment shown in Bundaberg Regional Council Drawing No. 136216 Rev B is directed and discharged into Bundaberg Regional Council culvert 16 within the Buss Street road reserve via:
 - a) A new formalised or constructed drainage channel within the 5m corridor between the eastern boundary of the premises at 63 Buss Street, Burnett Heads and the road reserve boundary;OR
 - b) an alternative solution involving the use of the existing Council roadside swale drain to discharge to either culvert 16 or 17 that is approved in writing by the Bundaberg Regional Council and submitted to the Assessment Manager for review and approval.

This infrastructure must be designed to adequately cater for upstream stormwater flows from catchment 16.

Note: This condition is to be considered in conjunction with Condition 5 requirements regarding approved plans.

12. The site must be constructed and graded so that all stormwater is contained within the lease area and directed to the temporary sediment basin prior to discharge into the Buss Street drain as per Drawing No. EWK04 Rev. B and relevant conditions of approvals.
13. All batters must be top soiled and seeded as per Drawing No. EWK05 Rev. B.

Construction Management

14. The hours for the works (i.e. operation of any machinery and/or other equipment) shall be restricted to between 6.30am and 6:30pm Monday to Friday and 7.30am to 12.30pm Saturday. No works shall be undertaken on Saturday, Sunday or on public holidays. Any variations to these times will be subject to the written approval of the Assessment Manager.
15. Construction/ works vehicles are not to queue on port network roads.
16. No mud, dirt or other debris is to be tracked onto public roads or port roads during construction and operation of development.
17. At all times, construction fill material must be uncontaminated and reused from Lot 1 on RP122698 or sourced from a licensed quarry. The applicant is to keep suitable record of the source of material.
18. Any visible contaminants must be removed from reused fill from Lot 1 on RP122698 prior to use as fill, including, but not limited to, concrete rubble, vapour barrier material, steel and timber.
19. All excess top soil or other material must be disposed of off-site at a Bundaberg Regional Council facility, unless otherwise approved in writing by the Assessment Manager.
20. In the event acid sulphate soils are disturbed/excavated and require treatment on site, a site specific Acid sulphate management plan must be submitted to the Assessment Manager for approval prior to such works commencing. Once the management plan is approved, the works must be carried out in accordance with this plan.

ENVIRONMENT

Construction Environmental Management Plans

21. Prior to construction works commencing on site, an Environmental Management Plan (EMP) specific to these works, is to be submitted to the Assessment Manager for approval, specific to the development that ensures:
- environmental risks are identified, managed and continually assessed; and
 - that staff are trained and aware of their obligations under the EMP, including a copy of the management plan and development approval available on site at all times; and
 - that reviews of environmental performance are undertaken at least annually; and
 - any amendments to the EMP are to be submitted to the Assessment Manager for review and approval; and
 - any rehabilitation and decommissioning works where required.

Once approved by the Assessment Manager, the construction activity must be carried out in accordance with this EMP.

Note: GPC has a guideline in its Land Use Plan for the development of environmental management plans that may be utilised in meeting the requirements of this condition.

Incident notification

22. Gladstone Ports Corporation Environment Hotline (07) 4976 1617) is to be notified of the occurrence of any:
- release / spill of contaminants (e.g. fuels / chemicals / sewerage) greater than 250L to land;
 - release / spill of contaminants (e.g. fuels / chemicals / sewerage) of any amount to water;
 - any environmental complaints received by the holder of this approval; and
 - non-compliance with environment related conditions of this approval, or any other environmental approval obtained in relation to the approved activity.
23. Environmental incident notification must be included in any Environmental Management Plans for the premises.

ADVICE NOTES

- All other relevant regulatory approvals must be obtained before commencement of works or operation of the facility.
- Where a Permit to Dig/Excavate prior to commencing excavation or digging for the development, the proponent or their contractor is required to apply for and obtain the permit by contacting the Port Infrastructure Asset Manager on 4976 1332 or bartono@gpcl.com.au.
- The *Environmental Protection Act* 1994 states that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm. Environmental harm includes environmental nuisance. In this regard persons and entities, involved in the civil, earthworks, construction, and operational phases of this development, are to adhere to their 'general environmental duty' to minimise the risk of causing environmental harm.
- Where the Applicant is required to submit further documentation to the Assessment Manager, this is to be directed to the Planning section at planning@gpcl.com.au, including reference to the allocated development application number.
- Any proposed works in the Council road reserve e.g. for a new access or any additional flow volumes to culvert 17 will require approval from Bundaberg Regional Council.

Attachment 2 Approved Plans and Specifications

PROPOSED BULK STORAGE FACILITY BUSS STREET, BURNETT HEADS For OKARA PTY LTD BULK EARTHWORKS PLANS

DRAWING INDEX

EWK01	TITLE SHEET, LOCALITY PLAN AND STANDARD NOTES
EWK02	CONSTRUCTION MANAGEMENT NOTES
EWK03	SEDIMENT AND EROSION CONTROL NOTES AND DETAILS
EWK04	SEDIMENT AND EROSION CONTROL LAYOUT PLAN
EWK05	BULK EARTHWORKS PLAN
EWK06	CUTOFF DRAIN SECTIONS
EWK07	BOX CULVERT BASE SLAB DETAILS

GENERAL NOTES

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING ASSOCIATED CONSULTANTS DRAWINGS/DOCUMENTATION:

- INSITE SJC - SURVEY INFORMATION (REFERENCE GC21-027).

NOTIFICATION AND INSPECTION PROTOCOLS

EMPIRE ENGINEERING IS RESPONSIBLE FOR LIAISING WITH THE COUNCIL DELEGATE AT THE CRITICAL CONSTRUCTION INSPECTIONS AND THE CONTRACTOR SHALL GIVE SUFFICIENT NOTICE, AS FOLLOWS:

- PRE-START MEETING (MANDATORY) - MINIMUM 7 WORKING DAYS.
- KEY CONSTRUCTION ACTIVITY INSPECTIONS (REFER BELOW) - MINIMUM 48 HOURS.
- ON MAINTENANCE INSPECTION (WHERE SPEC'D BY COUNCIL AT THE PRE-START MEETING) - MINIMUM 5 WORKING DAYS.
- OFF MAINTENANCE INSPECTION (WHERE SPEC'D BY COUNCIL AT THE PRE-START MEETING) - MINIMUM 5 WORKING DAYS.
- EMPIRE ENGINEERING IS LIKELY TO CONDUCT RANDOM SITE VISITS AT THEIR DISCRETION AS NECESSARY. - NO NOTICE.

KEY CONSTRUCTION ACTIVITIES TO BE INSPECTED INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:

- BULK EARTHWORKS INSPECTION: STRIPPED TOPSOIL VISUAL AND PROOFROLL, SEDIMENT AND EROSION CONTROL MEASURES ARE USED AND MAINTAINED. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS COMPLIANT WITH AS3798.
- SUB-GRADE BOX INSPECTION: VISUAL AND PROOFROLL. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS.
- PRE-SEAL INSPECTION: MEASUREMENT, STRINGLINE, VISUAL AND PROOFROLL. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS.
- CONCRETE PAVEMENT INSPECTIONS: STEEL INSPECTION, MEASUREMENT.
- STORMWATER OUTLET: COMPLIANCE WITH THE DRAWINGS, PRIOR TO COMMENCING PIPE LAYING UPSTREAM.
- UNDERGROUND CULVERT/CONDUIT AND PIPES: CHECK BEDDING AND ALIGNMENT PRIOR TO BACKFILL AND COMPACTION OF TRENCHES.

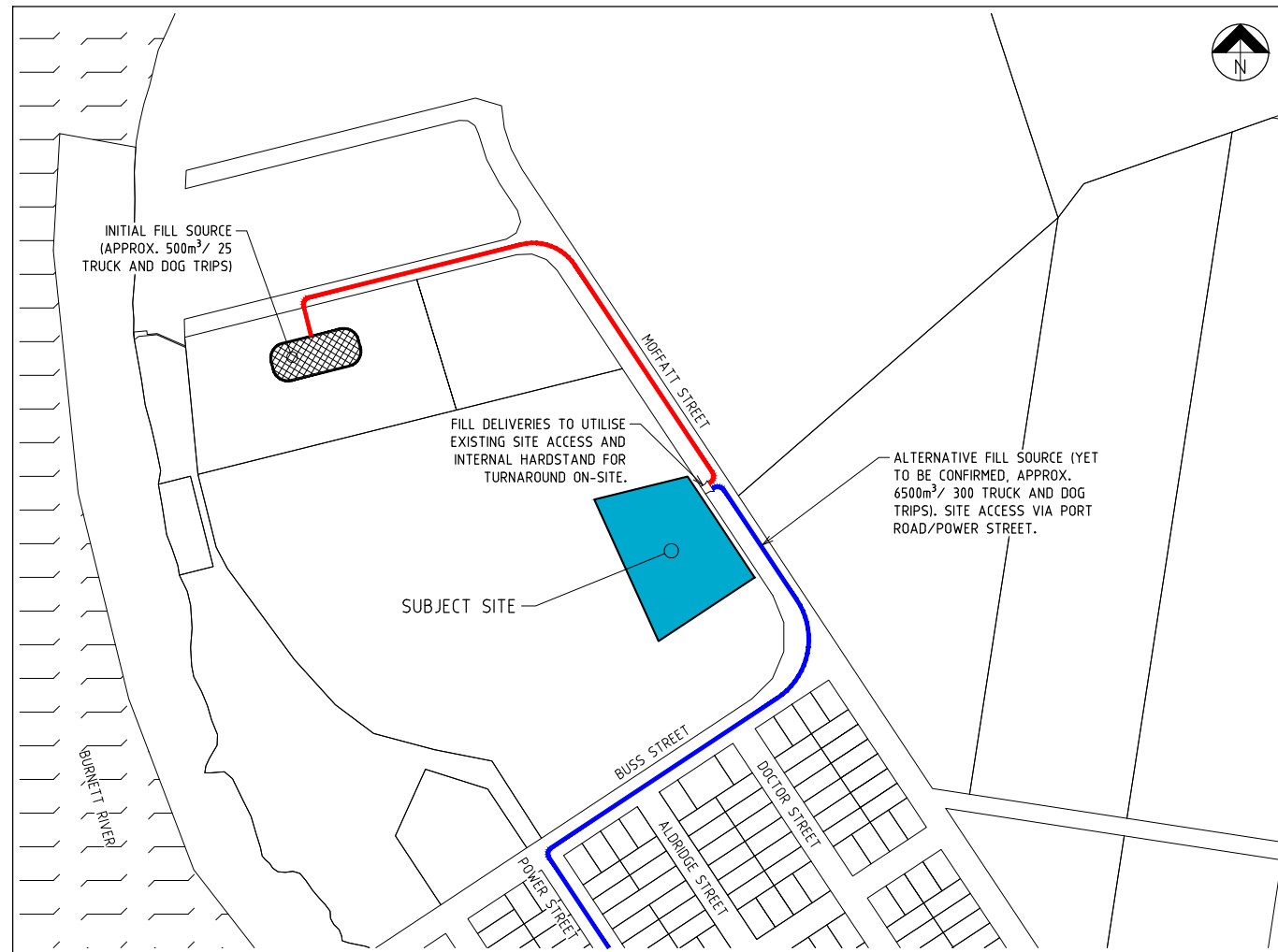
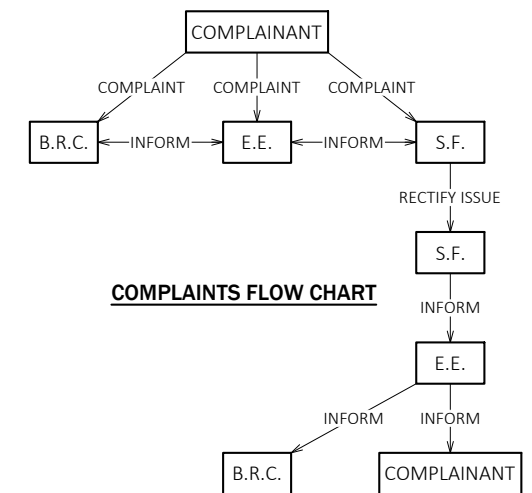
THE CONTRACTOR SHALL GIVE SUFFICIENT NOTICE TO EMPIRE ENGINEERING PRIOR TO COMMENCEMENT AND UPON COMPLETION OF EACH STAGE OF THE RELEVANT WORKS.

CONSTRUCTION NOTES

- CONSTRUCTION START DATE - T.B.A.
- CONSTRUCTION COMPLETION DATE - T.B.A.
- HOURS OF OPERATION - 6:30am to 6:30pm MONDAY TO SATURDAY.
- DUST CONTROL MEASURES:-
 - AREAS OF CLEARING/ EARTHWORKS TO BE LIMITED TO THAT SHOWN ON OPERATIONAL WORKS PLANS.
 - PHYSICAL BARRIERS TO BE RETAINED. ie EXISTING VEGETATION/BUFFER ZONES.
 - SITE TRAFFIC CONTROL. CONSTRUCTION VEHICLE SPEED LIMITS ON UNSEALED TRACKS TO BE REDUCED TO 10km/h OR FURTHER IF REQ.
 - EARTH MOVING EQUIPMENT MANAGEMENT. CONSTRUCTION EQUIPMENT TO BE POSITIONED STRATEGICALLY THROUGHOUT THE SITE TO MINIMIZE DUST POLLUTION IMPACT ON NEIGHBOURING PROPERTIES. WIND DIRECTION AND VELOCITY TO BE MONITORED PERIODICALLY.
 - WATER TRUCK TO CYCLE WITHIN DISTURBED AREAS OF THE SITE ON A REGULAR BASIS. WEATHER CONDITIONS TO BE MONITORED AND CYCLES TO BE INCREASED IF REQUIRED.
 - VEGETATION TO BE STABILIZED AS SOON AS PRACTICABLE AT THE COMPLETION OF BULK EARTHWORKS. DISTURBED AREAS TO BE SEEDED, EROSION AND SEDIMENT CONTROL MEASURES TO BE CONSTRUCTED.
- SITE FOREMAN DETAILS - T.B.A.

ADDRESSING COMPLAINTS


B.R.C. - BUNDABERG REGIONAL COUNCIL
E.E. - EMPIRE ENGINEERING 41544894
S.F. - SITE FOREMAN T.B.A.



LOCALITY AND TRAFFIC ACCESS PLAN
NOT TO SCALE

APPROVED
By Erin Clark at 3:09 pm, Sep 29, 2021

FOR APPROVAL

Empire Engineering BUNDBERG: 464 Barolin Street, Bundaberg, Qld GYMPIE: 3/23 Toour Street, Gympie, Qld SUNSHINE COAST: The Corporate Centre, 13 Novak Ct, Qld T: 07 53544080 E: admin.cc@empireengineering.com.au		CLIENT: OKARA PTY LTD PROJECT: PROPOSED BULK STORAGE FACILITY BUSS STREET BURNETT HEADS	DESIGNED: RAW DRAWN: LIM CHECKED: RAW APPROVED:  ROSS WEGNER / RPEQ: 8042	TITLE: TITLE SHEET, LOCALITY PLAN AND STANDARD NOTES	DATE: JUNE 2021 PROJECT NO: CC-5966 SCALE: AS SHOWN	DRAWING NO: EWK01 REV: B
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	AIR QUALITY MANAGEMENT	NOISE MANAGEMENT	VIBRATION CONTROL	ON-SITE MACHINERY SERVICING AND MAINTENANCE	STORAGE AND HANDLING OF DANGEROUS GOODS ON-SITE	WASTE MANAGEMENT	VISUAL IMPACT MANAGEMENT	SITE SECURITY AND PROTECTION OF EMPLOYEES AND THE PUBLIC
ISSUE	- INCREASED WINDBORNE SEDIMENT LOADS DURING THE CONSTRUCTION PHASE.	- PUBLIC NOISE NUISANCE FROM CONSTRUCTION VEHICLES AND EQUIPMENT. - WORKER HEALTH AND SAFETY.	- VIBRATION DAMAGE TO NEIGHBOURING STRUCTURES. - NUISANCE.	- POTENTIAL FOR SPILLAGE OR LEAKAGE OF CHEMICAL AND PETROLEUM PRODUCTS AND REGULATED WASTES TO WATERS.	- POTENTIAL FOR SPILLAGE OR LEAKAGE OF CHEMICAL AND PETROLEUM PRODUCTS AND REGULATED WASTES TO WATERS.	- APPROPRIATE DISPOSAL OF ALL CONSTRUCTION SITE WASTE.	- LOSS OF VISUAL AMENITY DUE TO CONSTRUCTION, MACHINERY AND EQUIPMENT.	- UNAUTHORISED ACCESS TO THE SITE LEADING TO VANDALISM, THEFT OR PERSONAL INJURY.
OBJECTIVE	- TO REDUCE CONSTRUCTION IMPACTS ON AIR QUALITY AND TO HELP MINIMISE INCONVENIENCE TO NEIGHBOURING PROPERTIES.	- TO UNDERTAKE ALL REASONABLE AND PRACTICABLE MEASURES TO PREVENT OR MINIMISE NOISE NUISANCE TO NEIGHBOURING PROPERTIES.	- TO ENSURE GROUND VIBRATIONS DO NOT CAUSE DAMAGE TO ADJACENT BUILDINGS OR CAUSE ANNOYANCE TO NEARBY RESIDENTS.	- TO MINIMISE THE EFFECT OF ON-SITE MACHINERY MAINTENANCE. - TO UNDERTAKE ALL REASONABLE AND PRACTICAL MEASURES TO MINIMISE CONTAMINATION OF LAND AND WATERS.	- TO MINIMISE THE RISK OF HEALTH HAZARDS CAUSED BY THE STORAGE AND TRANSPORT OF DANGEROUS GOODS. - TO UNDERTAKE ALL REASONABLE AND PRACTICAL MEASURES TO MINIMISE CONTAMINATION OF LAND AND WATERS.	- TO TAKE ALL REASONABLE AND PRACTICABLE STEPS TO REDUCE AND RECYCLE WASTE DURING THE CONSTRUCTION PHASE AND TO DISPOSE OF IT IN AN APPROPRIATE MANNER.	- TO UNDERTAKE CONSTRUCTION USING ALL REASONABLE AND PRACTICABLE MEASURES TO MINIMISE IMPACT ON VISUAL AMENITY.	- TO LIMIT ACCESS TO THE CONSTRUCTION SITE FOR AUTHORISED PERSONAL DURING WORKS HOURS ONLY.
PERFORMANCE	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7.00AM TO 6.00PM MONDAYS TO SATURDAYS UNLESS OTHERWISE AUTHORISED BY COUNCIL. - NO WORKS TO BE CARRIED OUT ON A SUNDAY OR PUBLIC HOLIDAYS. - DUST PLUMES CREATED FROM THE CONSTRUCTION SITE AND/OR HAULAGE OF MATERIALS ARE TO BE ELIMINATED - NO COMPLAINTS FROM NEIGHBOURS	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7.00AM TO 6.00PM MONDAYS TO SATURDAYS. - NO UNREASONABLE NOISE RELEASES - IN ABSENCE OF QUANTITATIVE MONITORING DURING THE CONSTRUCTION PHASE, NOISE LEVELS ARE TO BE CONTROLLED TO ACCORD WITH ACCEPTED INDUSTRY AND REGULATORY REQUIREMENTS.	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7.00AM TO 6.00PM MONDAYS TO SATURDAYS. - VIBRATION IS TO COMPLY WITH BS 6472/ PR SECTION 5.7 OF MRS 11.51 OR EQUIVALENT. - NO EXCESSIVE COMPLAINTS FROM NEIGHBOURING RESIDENCES - NO UNREASONABLE VIBRATIONS	- NO RELEASE OF CONTAMINANTS TO LAND OR WATER. - AVOID ANY ADVERSE EFFECTS ON THE CONSTRUCTION SITE DUE TO THE MAINTENANCE AND SERVICING OF MACHINERY.	- ALL DANGEROUS GOODS TO BE STORED, HANDLED AND BUNDED, ACCORDING TO AUSTRALIAN STANDARDS, INCLUDING AS2508, AS1678, AS1940, AND AS2931. - NO RELEASE OF CONTAMINANTS TO LAND AND WATER	- ABSENCE OF WASTE AND LITTER ON THE CONSTRUCTION SITE, ACCESS ROAD AND BUFFERS. - NO COMPLAINTS.	- MINIMAL ADVERSE VISUAL IMPACT - NO EXCESSIVE COMPLAINTS.	- NO UNAUTHORISED ACCESS TO THE CONSTRUCTION SITE.
CONTROL MEASURES	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE AIR QUALITY DETERIORATION - VEGETATIVE GROUND COVERS ARE TO BE MAINTAINED WHERE POSSIBLE - ACTIVITIES ARE TO ONLY BE CONDUCTED DURING SUITABLE WEATHER CONDITIONS. - A WATER TRUCK OR SPRAY APPARATUS IS TO BE PROVIDED ON SITE WHEN REQUIRED - EXPOSED AREAS SUCH AS CLEARED AREAS AND STOCKPILES, ARE TO BE WATERED AND KEPT DAMP IN ORDER TO MINIMISE EROSION OR THE POTENTIAL FOR DUST CREATION - VEHICLE SPEED IS TO BE LIMITED ON SITE TO MINIMISE DUST GENERATION - TRUCKS ENTERING OR EXITING THE SITE SHALL HAVE THEIR LOADS COVERED - ALL CONSTRUCTION VEHICLES EXITING SITE SHALL PASS THROUGH A WHEEL WASH DOWN AND/OR DRIVE OVER A SHAKE DOWN GRID WHICH WILL BE LOCATED AT THE SITE ENTRY/EXIT - HAULAGE ROUTES SHALL AVOID RESIDENTIAL AREAS AND USE SEALED ROADS WHERE POSSIBLE - MACHINERY SHALL BE FITTED DUST FILTERS - ALL EQUIPMENT AND VEHICLES ARE TO MEET RELEVANT EMISSION STANDARDS. - MAINTENANCE OF WIND BREAKS AND BARRIERS WHERE POSSIBLE - STOCKPILES HEIGHTS ARE TO BE KEPT TO MANAGEABLE HEIGHTS FOR DUST AND EROSION CONTROL PURPOSES - PROTECTION OF LONG TERM SOIL STOCK PILES WITH REVEGETATION, WATERING/MOISTURE OR HYDRO MULCHING WHERE PRACTICABLE - REVEGETATE AS SOON AS POSSIBLE FOLLOWING CONSTRUCTION	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE NOISE. - ADJACENT RESIDENCES ARE TO BE ADVISED OF ANY WORKS TO BE CONDUCTED OUT OF THE STANDARD CONSTRUCTION HOURS - ALL CONSTRUCTION STAFF ARE TO HAVE ADEQUATE NOISE PROTECTION AS PER WORK PLACE HEALTH AND SAFETY. - ALL PLANT AND MACHINERY USED DURING CONSTRUCTION MUST BE FITTED WITH EXHAUST SILENCERS OR NOISE SUPPRESSION EQUIPMENT, MUST BE IN GOOD OPERATING CONDITION AND MEET EMISSION STANDARDS. - HAULAGE ROUTES SHALL AVOID RESIDENTIAL AREAS AND USE DEDICATED ROUTES ROADS WHERE POSSIBLE	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE VIBRATION. - USE CONSTRUCTION TECHNIQUES THAT MINIMISE THE NEED FOR BLASTING, ROCK BREAKING AND PILE DRIVING. - UNDERTAKE GEOTECHNICAL INVESTIGATION AS NECESSARY TO PREDICT VIBRATION EFFECTS OF CONSTRUCTION TECHNIQUES. - UNDERTAKE ACTIVITIES LIKELY TO CAUSE VIBRATION DURING NORMAL CONSTRUCTION HOURS.	- A BUNDED SERVICE AREA IS REQUIRED FOR MAINTENANCE AND SERVICING -SIGNIFICANT VEHICLE MAINTENANCE SHALL BE CONDUCTED OFF-SITE AT APPROPRIATE FACILITIES. - LIGHT MAINTENANCE MAY BE UNDERTAKEN ON SITE, IN THE BUNDED SERVICE AREA. - THE CONTRACTOR IS TO PROVIDE SUITABLE ACCESS SURFACING FOR ALL WEATHER PURPOSES. - SAFE HANDLING TECHNIQUES AND REQUIRED REFUELLING. - WASTE OILS ARE TO BE COLLECTED AND TRANSPORTED TO RECYCLERS OR DESIGNATED DISPOSAL SITES. - SERVICING OF PLANT AND EQUIPMENT SHOULD BE UNDERTAKEN OUTSIDE OF NORMAL CONSTRUCTION HOURS.	- DANGEROUS GOODS SHALL BE STORED SEPARATELY IN BUNDED AREAS NOT ACCESSABLE TO UNQUALIFIED PERSONS WITHOUT APPROPRIATE TRAINING IN ITS HANDLING AND FIRST AID PROCEDURES. - CHEMICAL DATA, HANDLING AND SAFETY SHEETS FOR ALL DANGEROUS GOODS WILL BE KEPT IN THE SITE OFFICE. - ONLY NECESSARY QUANTITIES OF CHEMICALS, FUELS AND OILS SHOULD BE KEPT ON THE CONSTRUCTION SITE AT ANY TIME. - EQUIPMENT IS TO BE AVAILABLE IN FUEL STORAGE AREAS AND IN VEHICLES TO CONTAIN AND CLEAN UP ANY SPILLS THAT MAY OCCUR. - RELEASE ANY CLEAN STORMWATER ACCUMULATED IN TEMPORARY BUNDED AREAS.	- DESIGNATE A WASTE COLLECTION AREA ON-SITE THAT DOES NOT RECEIVE A SUBSTANTIAL AMOUNT OF RUNOFF FROM UPLAND AREAS AND DOES NOT DRAIN DIRECTLY TO WATER BODY. - ENSURE REGULAR COLLECTION OF ON-SITE WASTE. - DISPOSAL OF WASTE COLLECTION BINS ARE TO BE CLEARLY MARKED "CONVENTIONAL WASTE", "RECYCLABLE" AND "REGULATED WASTE". ENSURE THAT ALL CONTAINERS ARE FITTED WITH LIDS - REGULATED WASTES SHALL BE SEALED IN A APPROPRIATE LICENSED TO RECEIVE SUCH WASTE. - SCHEDULE WASTE COLLECTION IS REQUIRED TO PREVENT THE CONTAINERS FROM OVERFILLING.	- RUBBISH AND WASTE TO BE COLLECTED FROM SITE - SURPLUS CONSTRUCTION MATERIAL TO BE PROMPTLY REMOVED FROM CONSTRUCTION SITE. - VEGETATION DISTURBANCE TO BE MINIMISED - ACTIVATES ARE TO BE FENCED/HOARDED FROM ADJACENT PROPERTIES. - THE SITE SHALL BE APPROPRIATELY MAINTAINED TO PROVIDE A SAFE WORK ENVIRONMENT FOR ALL PERSONAL, VISITORS AND THE GENERAL PUBLIC. - APPROPRIATE WARNING SIGNS SHALL BE ERRECTED FOR THE WORK FORCE AND THE GENERAL PUBLIC TO HIGHLIGHT HAZARDOUS ACTIVITIES WITHIN AND AROUND THE SITE INCLUDING: EXCAVATION: DEMOLITION: THE USE OF EXPLOSIVES POWER TOOLS" EXPOSURE TO HIGH NOISE EMISSIONS. -STRICT HOUSEKEEPING SHALL APPLY TO ALL ENTRIES USED FOR SITE ACCESS OR EGRESS, INCLUDING ENTRY TO SITE SHEDS AND EMPLOYEES FACILITIES.	- ALL ACCESS TO THE SITE IS TO BE VIA THE NOMINATED POINT ON PLAN - BARRICADES AND SAFETY FENCING SHALL BE ERRECTED AROUND THE SITE AND ADJACENT TO PUBLIC ACCESS WAYS. THE SITE ACCESS IS TO BE GATED. -GENERALLY, CONSTRUCTION ACTIVATES ARE TO BE FENCED/HOARDED FROM ADJACENT PROPERTIES. - THE SITE SHALL BE APPROPRIATELY MAINTAINED TO PROVIDE A SAFE WORK ENVIRONMENT FOR ALL PERSONAL, VISITORS AND THE GENERAL PUBLIC. - APPROPRIATE WARNING SIGNS SHALL BE ERRECTED FOR THE WORK FORCE AND THE GENERAL PUBLIC TO HIGHLIGHT HAZARDOUS ACTIVITIES WITHIN AND AROUND THE SITE INCLUDING: EXCAVATION: DEMOLITION: THE USE OF EXPLOSIVES POWER TOOLS" EXPOSURE TO HIGH NOISE EMISSIONS. -STRICT HOUSEKEEPING SHALL APPLY TO ALL ENTRIES USED FOR SITE ACCESS OR EGRESS, INCLUDING ENTRY TO SITE SHEDS AND EMPLOYEES FACILITIES.
RESPONSIBILITY	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE - THE PRINCIPAL IS RESPONSIBLE FOR PUBLIC NOTIFICATION VIA A THE LETTER DROP	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE - THE PRINCIPAL IS RESPONSIBLE FOR PUBLIC NOTIFICATION VIA THE LETTER DROP	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE PRINCIPAL IS RESPONSIBLE FOR FENCING/ HOARDING TO THE ADJACENT PROPERTIES, IF REQUIRED
MONITORING	- THE CONTRACTOR SHALL CONDUCT DAILY VISUAL INSPECTIONS OF THE SITE FOR DUST PLUMES. - A COMPLAINT REGISTER IS TO BE MAINTAINED	- A COMPLAINTS REGISTER TO BE MAINTAINED. - ALL GENUINE NOISE COMPLAINTS SHALL BE INVESTIGATED AND ASSESSED TO DETERMINE IF THE NOISE IS UNREASONABLE. SUCH INVESTIGATIONS MAY REQUIRE NOISE MONITORING TO DETERMINE IF A PROBLEM OF BREACH EXISTS.	- THE CONTRACTOR IS RESPONSIBLE FOR FREQUENT INSPECTIONS OF THE SITE DURING IMPACT WORKS	- THE CONTRACTOR IS RESPONSIBLE FOR DAILY VISUAL INSPECTIONS OF THE SITE.	- THE CONTRACTOR IS RESPONSIBLE FOR DAILY VISUAL INSPECTIONS OF THE SITE. - REGULAR INSPECTIONS WILL BE UNDERTAKEN OF ALL TEMPORARY CHEMICAL AND PETROLEUM PRODUCT STORAGE AREAS FOR LEAKAGES	- DAILY VISUAL INSPECTIONS OF THE SITE ARE TO BE CONDUCTED.	- REGULAR INSPECTIONS FOR UNREASONABLE VISUAL IMPACTS. - A COMPLAINT REGISTER IS TO BE MAINTAINED	- DAILY VISUAL INSPECTIONS OF THE SITE WILL BE UNDERTAKEN FOR ADEQUACY OF SITE SECURITY
CORRECTIVE ACTIONS	- CORRECTIVE ACTIONS WILL INCLUDE A REVIEW OF EXISTING CONTROL MEASURES FOR INADEQUACIES. - SHOULD COMPLAINTS ARISE, THE CONTRACTOR SHALL ENSURE MEASURES ARE TAKEN TO MODIFY THE OFFENDING EQUIPMENT OR MODIFY CONSTRUCTION PRACTICES TO REDUCE DUST LEVELS WITHIN RELEVANT GUIDELINES	- UNREASONABLE NOISE CAUSED BY MACHINERY IS TO BE REMEDIED BY APPROPRIATE REPAIRS AND A MAINTENANCE SCHEDULE REVIEW. - THE RELEVANT ACTIVITY MAY REQUIRE MODIFICATION OR RELOCATION. - SPECIFIC MACHINERY MAY REQUIRE AN ALTERATION TO ITS HOURS OF OPERATION. - CORRECTIVE ACTIONS WILL INCLUDE A REVIEW OF EXISTING CONTROL MEASURES FOR INADEQUACIES. - IN THE EVENT THAT A NON-CONFORMANCE HAS OCCURRED AS A RESULT OF POOR WORK PRACTICES, PERSONNEL ON SITE WILL BE MADE AWARE OF THE PROBLEM AND INFORMED OF ACCEPTABLE WORK PRACTICES.	- SHOULD COMPLAINTS ARISE, MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO MODIFY THE OFFENDING EQUIPMENT OR MODIFY CONSTRUCTION PRACTICES TO ENSURE VIBRATIONS ARE WITHIN RELEVANT GUIDELINES.	- THE CONTRACTOR SHALL ENSURE ON-SITE MACHINERY IS STORED WITHIN THE SECURE DESIGNATED COMPOUND AFTER WORKING HOURS. - THE CONTRACTOR SHALL ENSURE ANY UNAUTHORISED MAINTENANCE IS CEASED IMMEDIATELY AND MOVED OFF- SITE. - THE CONTRACTOR SHALL ENSURE ANY AREA DAMAGED BY HYDROCARBONS OR HAZARDOUS CHEMICALS IS FENCED, EXCAVATED AND REMOVED FROM SITE TO A DESIGNATED DUMPING AREA AND THE AREA RE-ESTABLISHED	- IF DAMAGED GOODS ARE SPILT, THE CONTRACTOR SHALL ENSURE THAT THE AREA IS ISOLATED AND MINIMISED. - PETROLEUM OR CHEMICAL SPILLAGES ARE TO BE IMMEDIATELY, CLEANED UP WITH ADSORBENT MATERIAL. - ABSORBENT MATERIALS USED FOR CLEAN UP OR WASTE DANGEROUS GOODS ARE TO BE PLACED AND SEALED IN AN APPROPRIATE CONTAINER MARKED "REGULATED WASTE" AND CONIGNED TO A WASTE CONTRACTOR LICENSED TO RECEIVE SUCH WASTE FOR DISPOSAL AT AN APPROVED FACILITY. - THE DAMAGED AREA IS TO BE RE-ESTABLISHED	- PROMPT DELEGATION OF CLEAN UP WORKS. - INCREASED VIGILANCE	- VISUALLY OFFENSIVE COMPONENTS OF CONSTRUCTION SHOULD BE IDENTIFIED AND IF POSSIBLE MODIFIED IN CONSULTATION WITH COMPLAINT.	- INSTALLATION OF INCREASED SECURITY MEASURES REQUIRED.
REPORTING	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN	- WEEKLY REPORTING BY THE PRINCIPLE CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN

APPROVED
By Erin Clark at 3:09 pm, Sep 29, 2021

STATUS
FOR APPROVAL

B	FOR APPROVAL	16.08.21	LJM
A	FOR APPROVAL	22.04.21	LJM
DRT	DRAFT ONLY	18.04.21	LJM
ISSUE	AMENDMENT	DATE	DFT


Empire Engineering
BUNDBERG
 46A Barolin Street, Bundaberg, Qld
 PO Box 2052 Bundaberg Qld 4670
 T: 07 4154 4894
 E: admin.cc@empireengineering.com.au

GYMPIE
 3/23 Toour Street, Gympie, Qld
 PO Box 102 Bundaberg Qld 4670
 T: 07 53544080
 E: admin.cc@empireengineering.com.au

SUNSHINE COAST
 The Corporate Centre, 13 Novell Ct, Qld
 PO Box 102 Mooloolaba Qld 4557
 T: 07 5477 6493
 E: admin.sc@empireengineering.com.au

NOTES
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 2. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED.
 3. VERIFY ALL DIMENSIONS ON SITE.

CLIENT: OKARA PTY LTD
PROJECT: PROPOSED BULK STORAGE FACILITY
 BUSS STREET
 BURNETT HEADS

DESIGN: ERIN CLARK
APPROVED: 
 ROSS WEGNER / RPEQ: 8042

CONSTRUCTION MANAGEMENT NOTES

DATE:	JUNE 2021	SCALE:	AS SHOWN
PROJECT NO:	CC-5966	DRAWING NO:	EWK02
REV:			B

EROSION AND SEDIMENT CONTROL PROGRAM

- THIS PROGRAM AND ASSOCIATED PLANS SHALL BE READ IN CONJUNCTION WITH THE SITE MANAGEMENT SPECIFICATION INCORPORATED IN THE CONTRACT DOCUMENTS. THE PROVISIONS OF THE SPECIFICATION ARE TO BE STRICTLY ADHERED TO.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR IS TO PROVIDE A DETAILED PROGRAM TO THE SUPERINTENDENT SHOWING THE TIMING FOR ALL WORKS ASSOCIATED WITH THE PROJECT, NOMINATING, IN PARTICULAR, THE PROGRAM FOR INSTALLATION OF SOIL AND EROSION CONTROL SYSTEMS.
- EARTHWORKS SHALL BE CARRIED OUT IN SUCH A MANNER THAT THE SITE IS MAINTAINED IN A WELL DRAINED CONDITION, AREAS OF LOOSE SOIL ARE MINIMISED AND CONCENTRATIONS OF STORM WATER ARE MINIMISED.
- THE BASIC OBJECTIVES OF THE EROSION AND SEDIMENT CONTROL ARE:
 - IDENTIFY CRITICAL AREAS AND PROVIDE SPECIAL ATTENTION TO THOSE AREAS.
 - PLAN SITE LAYOUT SO THAT ACCESS TO ALL REQUIRED DRAINAGE EROSION AND SEDIMENT CONTROL MEASURES IS MAINTAINED.
 - LIMIT EXPOSURE TIME BY PROGRAMMING TO MINIMISE THE AREA OF LAND EXPOSED TO POTENTIALLY ADVERSE WEATHER CONDITIONS AT ANY ONE TIME.
 - PROVIDE CONTROL MEASURES INCLUDING TEMPORARY AND PERMANENT DRAINAGE, EROSION AND SEDIMENT CONTROLS.
- THE EROSION AND SEDIMENT CONTROL SHALL COMPLY WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION (AUSTRALASIA) 2008'S "BEST PRACTICE EROSION AND SEDIMENT CONTROL FOR BUILDING AND CONSTRUCTION SITES" AND ALL OTHER LOCAL AUTHORITY EROSION AND SEDIMENT CONTROL GUIDELINES.
- ALL ESC MEASURES SHALL BE INSPECTED:
 - AT LEAST DAILY (WHEN WORK IS OCCURRING ON SITE);
 - WITHIN 24 HOURS OF EXPECTED RAIN; AND
 - WITHIN 18 HOURS OF RAINFALL EVENT (ie. AN EVENT OF SUFFICIENT INTENSITY AND DURATION TO MOBILISE SEDIMENT ON SITE). MAINTENANCE OF ESC MEASURES SHALL OCCUR IN ACCORDANCE WITH THE FOLLOWING TABLE:

ESC MEASURES	MAINTENANCE TRIGGER	TIME FRAME FOR COMPLETION OF MAINTENANCE
SEDIMENT BASINS	WHEN SETTLED SEDIMENT EXCEEDS THE VOLUME OF THE SEDIMENT STORAGE ZONE (SEE COUNCIL'S SEDIMENT BASIN DESIGN GUIDELINES)	WITHIN 7 DAYS OF THE INSPECTION
OTHER ESC MEASURES	THE CAPACITY OF ESC MEASURES FALLS BELOW 75%	BY THE END OF THE DAY

- WATER QUALITY SAMPLES MUST BE TAKEN AND ANALYSED PRIOR TO THE RELEASE OF ANY WATER FROM THE SITE. WATER QUALITY MUST SATISFY THE FOLLOWING CRITERIA: TSS<50 mg/L pH BETWEEN 6.5 AND 8.5. IF WATER QUALITY FAILS THE CRITERIA THEN USE OF A GYPSUM FLOCCULENT IS TO BE APPLIED AS DIRECTED BY THE SUPERINTENDENT.
- ALL WATER QUALITY DATA INCLUDING DATES OF RAINFALL, TESTING AND WATER RELEASE MUST BE MAINTAINED IN AN ONSITE REGISTER. THIS REGISTER IS TO BE MAINTAINED FOR THE DURATION OF THE APPROVED WORKS AND BE AVAILABLE ON SITE FOR INSPECTIONS BY COUNCIL OFFICERS ON REQUEST.
- CONSTRUCTION ACCESS SHALL BE AT ONLY ONE NOMINATED POINT AS DETAILED ON THE PLANS. A TRUCK WASH HARD STAND AS DETAILED ON THE PLAN COMPRISING FREE DRAINING GRAVEL SHALL BE LOCATED ADJACENT TO THE POINT OF ACCESS WHERE VEHICLES CAN BE WASHED DOWN PRIOR TO EXIT TO THE STREET SYSTEM IF REQUIRED. THE WASH DOWN AREA SHALL BE KEPT FREE OF MUD.
- FOR DETAILS OF SHAKE DOWN AREA REFER TO IPWEA STANDARD DRAWING D-0040.
- SUPPLEMENTARY EROSION AND SEDIMENT CONTROL DEVICES MAY BE REQUIRED AT THE DISCRETION OF THE SUPERINTENDENT AND/OR COUNCIL.
- SEDIMENT CONTROL DEVICES SHALL BE PROVIDED WHERE SHOWN ON THE DRAWINGS. SEDIMENT TRAPS SHALL REMAIN IN PLACE UNTIL AT LEAST 70% SOIL COVERAGE UPSTREAM AND DOWNSTREAM OF THE DEVICE IS ACHIEVED AND/OR AS DIRECTED BY COUNCIL.
- EXCAVATED MATERIAL WILL BE PLACED DIRECTLY INTO FILL AREAS IN ACCORDANCE WITH THE APPROVED SPECIFICATION.
- ANY IMPORTED FILL MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL (ESC) MEASURES TO BE MAINTAINED AND FULLY OPERATIONAL DURING THE MAINTENANCE PERIOD AND ARE TO BE REMOVED AFTER THE SATISFACTORY COMPLETION OF AN OFF-MAINTENANCE INSPECTION BY COUNCIL AND PRIOR TO FORMAL ACCEPTANCE "OFF MAINTENANCE" BY COUNCIL.

ORDER OF CONSTRUCTION

- PRIOR TO ANY CONSTRUCTION COMMENCING, CONSTRUCTION ENTRY/ EXIT TO BE INSTALLED.
- SITE BARRIER/NO-GO FENCING TO BE ESTABLISHED.
- SEDIMENT FENCES AND TRAPS (INLET PROTECTION) TO BE INSTALLED.
- SITE TO BE SHAPED TO DESIGN LEVELS AND SURFACE STABILISED ASAP BY MEANS OF TOP SOILING AND GRASS SEEDING WHERE APPLICABLE.

EROSION AND SEDIMENT CONTROL NOTES

TOPSOIL:

- SEDIMENT FENCES TO BE PLACED AS SHOWN. FOR DETAILS OF SEDIMENT FENCE REFER IPWEA STANDARD DRAWING D-0040.
- STRIP AND STOCKPILE AVAILABLE TOPSOIL (ASSUMED AVERAGE DEPTH 100mm) FROM ALL DISTURBED AREAS PRIOR TO BULK EARTHWORKS.
- GRADE EVENLY BETWEEN ALLOTMENT FINISHED SURFACE LEVELS AND ENSURE LOTS ARE FREE DRAINING.
- MINIMUM SLOPE ACROSS ALLOTMENTS TO BE 1%.
- ALL FOOTPATHS, BATTERS AND EARTHWORKS AFFECTED ALLOTMENTS ARE TO BE TOPSOILED TO A MINIMUM DEPTH OF 100mm (LIGHTLY COMPACTED) AND TURFED WHERE SPECIFIED.

SEDIMENT FENCES:

- SEDIMENT FENCES TO BE REPAIRED AS REQUIRED AND EXCESSIVE SEDIMENT DEPOSITS SHOULD BE REMOVED.
- IN THE EVENT OF WET WEATHER, INSTALL KERB INLET FILTERS WITH GRAVEL RANGING FROM 50mm TO 75mm IN SIZE. REFER IPWEA STANDARD DRAWING D-0041. WHEREVER PRACTICABLE SEDIMENT RUNOFF SHOULD BE COLLECTED AND RETAINED WHOLLY WITHIN THE WORKSITE OR PRIOR TO ENTRY ON A ROAD SURFACE (WHETHER INSIDE OR OUTSIDE THE SITE). IF THE GRAVEL FILTER BECOMES CLOGGED WITH SEDIMENT DURING ITS USE, THE GRAVEL MUST BE PULLED AWAY FROM THE MESH AND CLEANED OR REPLACED.
- DAILY CHECKS OF SILT FENCES IS TO BE MADE ALONG WITH A CHECK AFTER ANY SIGNIFICANT STORM EVENT TO ENSURE INTEGRITY AND PERFORMANCE.

TURFING:

- PROVIDE TURFING TO ENTIRE WIDTH OF ALL SWALES, FOOTPATHS AND CUT AND FILL BATTERS.
- FOOTPATH BATTERS ARE TO BE STABILISED WITH TOPSOIL (AND TURFED) AS SOON AS PRACTICAL AFTER BATTERS HAVE BEEN COMPLETED. REMAINING EXPOSED AREAS ON LOTS ARE TO BE SEEDED AND MULCHED (eg. HYDROMULCHED).
- ALL AREAS OF CUT AND FILL INCLUDING ROAD VERGES TO BE SEEDED TO ACHIEVE 80% STRIKE WITHIN TWO WEEKS AND 80% COVERAGE WITH SIX MONTHS.
- 'A' DURING CONSTRUCTION:
 - TOPSOIL STOCKPILE TO HAVE A SEDIMENT FENCE DOWN SLOPE AND A DIVERSION DRAIN UP SLOPE.
 - SEDIMENT FENCES TO BE PLACED AS SHOWN.
 - INSPECT BANKS DAILY AND REPAIR ANY SLUMPS, WHEEL TRACK DAMAGE OR LOSS OF FREEBOARD.
 - REMOVE SEDIMENT TO AVOID PONDING FROM CATCH DRAINS.
 - REMOVE EXCESSIVE SEDIMENT FROM UPSTREAM OF CHECK DAM.
 - ROAD RESERVE TO BE USED AS HAUL ROAD.
- A CATCH DRAIN/CATCH BANK IS TO BE PROVIDED ON THE TOP SIDE OF ALL CUTS AND DISCHARGE EITHER TO UNDISTURBED GRASS LANDS OR TO THE CROSS ROAD DRAINAGE.
- SUPPLEMENTARY EROSION AND SEDIMENT CONTROL DEVICES MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
- GRASS SEEDING IS TO ACHIEVE 70% COVER WITHIN 30 DAYS OF COMPLETION OF EARTHWORKS.

'B' FOLLOWING CONSTRUCTION:

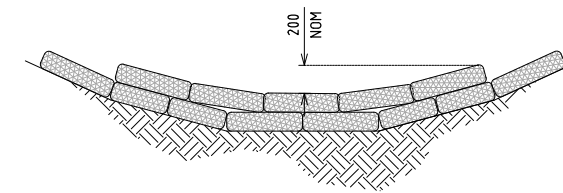
- SEDIMENTATION AND EROSION CONTROLS TO BE MAINTAINED UNTIL SITE IS 80% STABILISED WITH ESTABLISHED GRASS/TURF THEN CONTROLS CAN BE REMOVED.

HOLD POINT

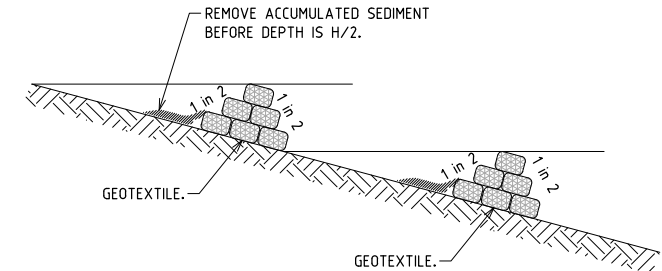
- WORK TO ROADS, DRAINAGE, SEWER, WATER OR EARTHWORKS MUST NOT PROCEED UNTIL ADEQUATE SEDIMENT CONTROL IS IN PLACE TO THE SATISFACTION OF THE SUPERINTENDENT.

WARNING

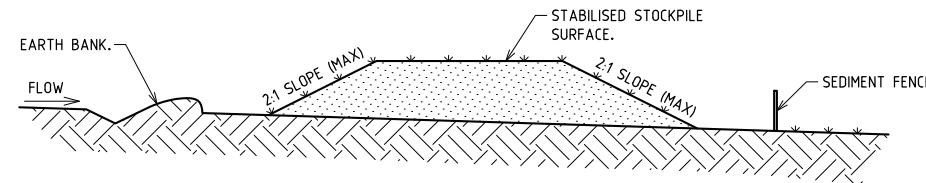
THE LOCATION OF ALL EXISTING SERVICES (E.G. TELSTRA, ELECTRICITY, SEWERAGE, WATER & GAS) ARE SHOWN SCHEMATICALLY ON THE DRAWINGS. PRIOR TO AND DURING CONSTRUCTION OBTAIN THE PRECISE LOCATION OF ALL SERVICES (UNDERGROUND & OVERHEAD) FROM THE RELEVANT AUTHORITY RESPONSIBLE FOR THE SERVICE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES WHETHER SHOWN ON THE DRAWINGS OR NOT.



SANDBAG CHECK DAM SEDIMENT TRAP
NOT TO SCALE



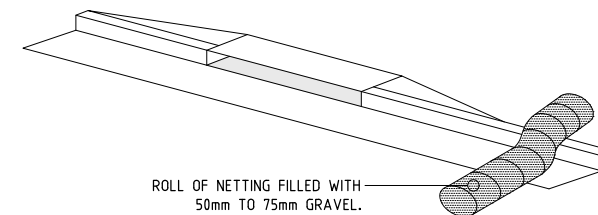
SANDBAG FLOW CONTROL
NOT TO SCALE



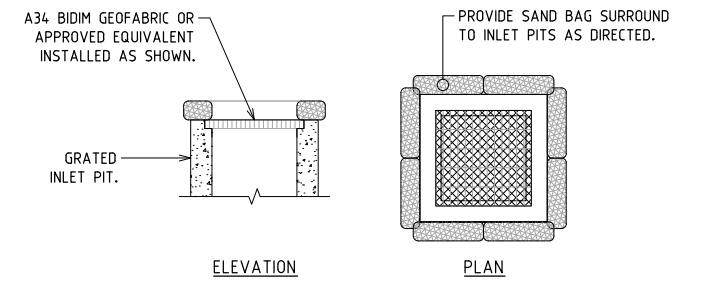
TYPICAL STOCK PILE DETAILS
NOT TO SCALE

STOCK PILE NOTES

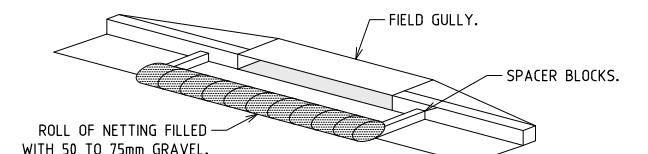
- PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
- CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
- WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
- CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE.



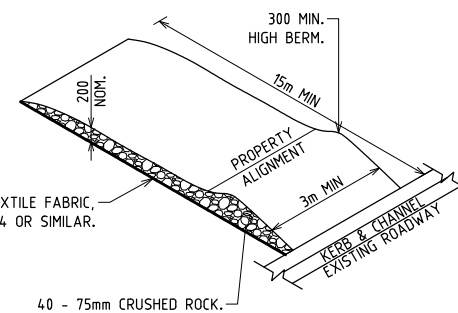
KERB SEDIMENT TRAP DETAIL
NOT TO SCALE



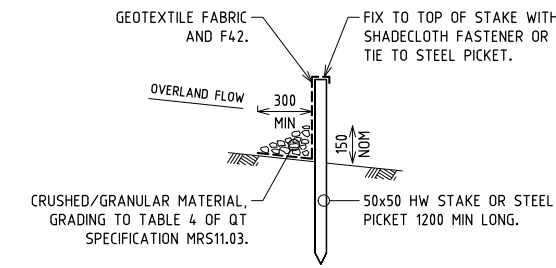
PIT INLET PROTECTION
TYPICAL TO BE INSTALLED AT ALL INLET PITS AROUND SITE
NOT TO SCALE



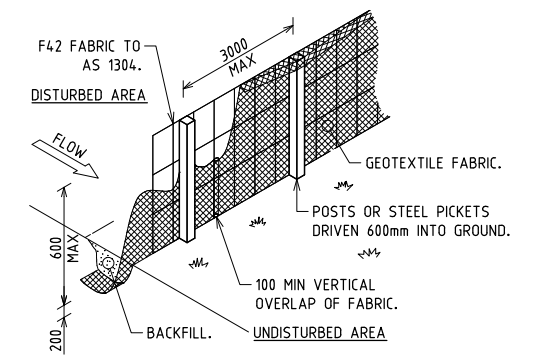
GULLY INLET PROTECTION DETAIL
NOT TO SCALE



TEMPORARY CONSTRUCTION ENTRY / EXIT SEDIMENT TRAP



SEDIMENT FENCE DETAIL
NOT TO SCALE



SEDIMENT FENCE ELEVATION
NOT TO SCALE

APPROVED

By Erin Clark at 3:09 pm, Sep 29, 2021 FOR APPROVAL

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BUNDBERG
46A Barolin Street, Bundaberg, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 4154 4894
E: admin.cb@empireengineering.com.au

GYMPIE
3128 Toour Street, Gympie, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 5354 0080
E: admin.cb@empireengineering.com.au

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CLIENT: OKARA PTY LTD

PROJECT: PROPOSED BULK STORAGE FACILITY
BUSS STREET
BURNETT HEADS

DESIGNED: RAW

APPROVED:

DRAWN: LIM

CHECKED: RAW

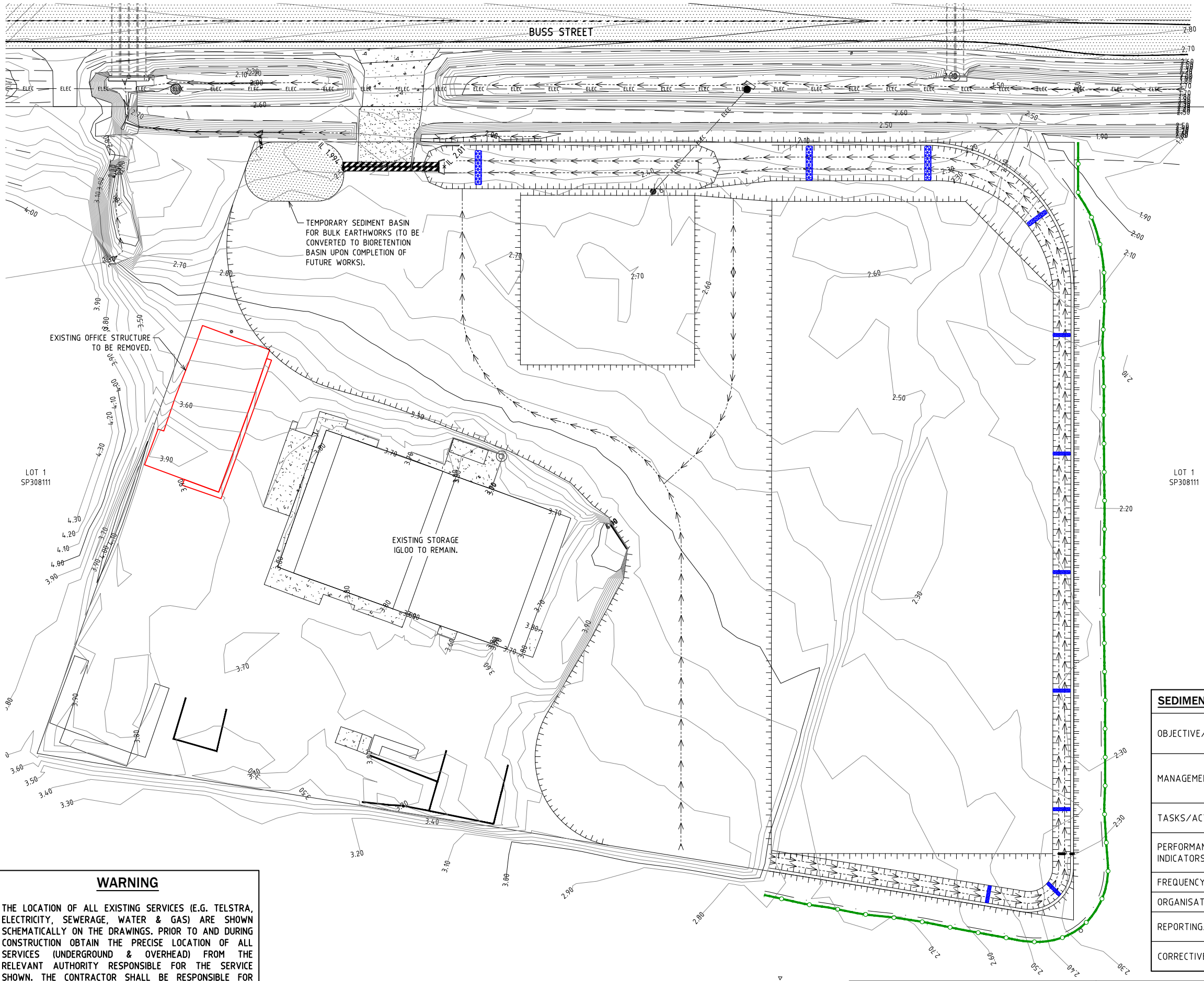
ROSS WEGNER / RPEQ: 8042

TITLE:

SEDIMENT AND EROSION CONTROL
NOTES AND DETAILS

DATE: JUNE 2021 SCALE: AS SHOWN

PROJECT NO: CC-5966 DRAWING NO: EWK03 REV: B



- SEDIMENT MANAGEMENT NOTES**
1. CONTOURS SHOWN DEPICT THE EXISTING SURFACE AND ARE AT 0.1m INTERVALS.
 2. PROVIDE SEDIMENT FENCES AT THE TOE OF ALL FILL BATTERS.
 3. PROVIDE TEMPORARY SEDIMENT TRAPS AS DIRECTED.
 4. SEDIMENT MANAGEMENT MEASURES ARE TO BE MAINTAINED UNTIL ACCEPTANCE 'OFF MAINTENANCE' & ARE DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL EROSION CONTROL ASSOCIATION (AUSTRALASIA) 2008'S "BEST PRACTICE EROSION AND SEDIMENT CONTROL FOR BUILDING AND CONSTRUCTION SITES" AND MAY VARY BY THE COUNCIL'S REPRESENTATIVE TO SUIT SITE CONDITIONS.
 5. GRASS SEEDING OR MULCHING ARE TO BE CARRIED OUT AS SOON AS PRACTICABLE TO DISTURBED AREAS.

- DUST CONTROL NOTES**
1. CONTROL IS TO BE ESTABLISHED BY THE USE OF WATER TRUCKS ON SITE FOR THE DURATION OF THE CONTRACT PERIOD.
 2. ALL DUST GENERATING AREAS TO BE TREATED BY SURFACE SPRAYING A MINIMUM OF THREE (3) TIMES PER DAY AT MAXIMUM THREE (3) HOUR INTERVALS, UNTIL SATISFACTORY GROUND COVER IS ACHIEVED, OR AS DIRECTED BY THE SUPERINTENDENT.

LEGEND

- PROPOSED DRAINAGE SWALE
- PROPOSED TOP OF BATTER
- PROPOSED INVERT
- PROPOSED SEDIMENT FENCE. REFER TO DWG EWK03 FOR DETAILS
- PROPOSED SANDBAG / FIBRE LOG CHECK DAM. REFER TO DWG CMP03 FOR DETAILS

APPROVED
By Erin Clark at 3:08 pm, Sep 29, 2021

WARNING

THE LOCATION OF ALL EXISTING SERVICES (E.G. TELSTRA, ELECTRICITY, SEWERAGE, WATER & GAS) ARE SHOWN SCHEMATICALLY ON THE DRAWINGS. PRIOR TO AND DURING CONSTRUCTION OBTAIN THE PRECISE LOCATION OF ALL SERVICES (UNDERGROUND & OVERHEAD) FROM THE RELEVANT AUTHORITY RESPONSIBLE FOR THE SERVICE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES WHETHER SHOWN ON THE DRAWINGS OR NOT.

SEDIMENT & EROSION PLAN	
OBJECTIVE/TARGET	COMPLY WITH ALL STATUTORY REGULATIONS AND MAINTAIN THEM DURING CONSTRUCTION AND THE MAINTENANCE PERIOD. COMPLY WITH THIS EROSION AND SEDIMENT CONTROL PLAN, TO CONTROL EROSION AND SEDIMENT FLOWS
MANAGEMENT STRATEGY	SITE FOREMAN TO IDENTIFY AND CHECK DIRECTION OF STORMWATER LAND FLOWS AS SHOWN ON THE PLAN. PROVIDE BARRIERS AND OTHER MEASURES SHOWN ON THE PLAN TO PREVENT STORMWATER FLOWS OVER EMBANKMENTS AND SEDIMENTS INTO CATCHPITS
TASKS/ACTIONS	ERECT SEDIMENT BARRIERS AT THE TOP OF EMBANKMENTS AS SHOWN ON THE DRAWING. STRATEGICALLY PLACE CHECK DAMS AROUND GULLY PITS
PERFORMANCE INDICATORS	SITE FOREMAN TO CHECK EROSION AND SEDIMENT FLOWS AT THE BASE OF EMBANKMENTS AFTER RAIN. CHECK THAT CHECK DAMS ARE WORKING DURING RAIN PERIODS
FREQUENCY/DEADLINE	SITE FOREMAN TO MONITOR PERFORMANCE AFTER EVERY HEAVY DOWNFALL
ORGANISATION	SITE FOREMAN TO BE RESPONSIBLE FOR INSPECTIONS
REPORTING/REVIEW	SITE WORKERS TO ADVISE FOREMAN IF THEY NOTICE ANY BARRIER NEEDING REPAIR
CORRECTIVE ACTIONS	SITE FOREMAN TO REPORT AND ORDER THROUGH SUPERVISOR, EXTRA BARRIER OR CHECK DAMS AS REQUIRED

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Empire Engineering

BUNDBERG
46A Barolin Street, Bundaberg, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 4154 4894
E: admin.cb@empireengineering.com.au

GYMPIE
3/23 Toour Street, Gympie, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 53544080
E: admin.cb@empireengineering.com.au

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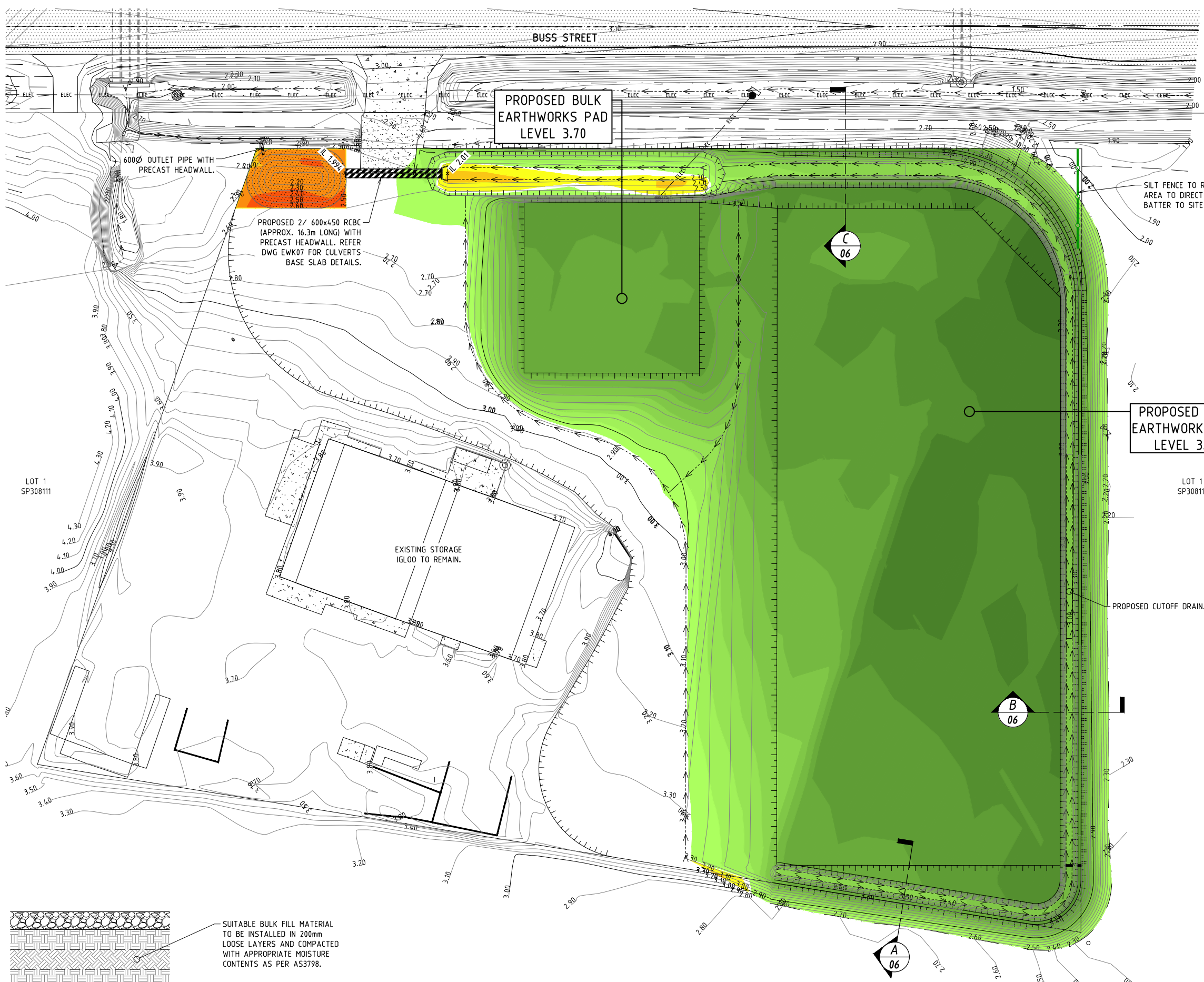
CLIENT: OKARA PTY LTD
PROJECT: PROPOSED BULK STORAGE FACILITY
BUSS STREET
BURNETT HEADS

DESIGNED: RAW DRAWN: LIM CHECKED: RAW
APPROVED: [Signature]
ROSS WEGNER / RPEQ: 8042

TITLE: SEDIMENT AND EROSION CONTROL LAYOUT PLAN

DATE:	JUNE 2021	SCALE:	AS SHOWN
PROJECT NO:	CC-5966	DRAWING NO:	EWK04
REV:			B

NOT TO SCALE **FOR APPROVAL**



FILL DEPTH RANGE
INDICATES APPROXIMATE AREA TO BE STRIPPED OF TOPSOIL AND FILLED WITH CLEAN MATERIAL TO LEVELS SHOWN ON THIS DWG. FILL TO BE COMPACTED IN 150mm LAYERS. TESTING TO BE SUPPLIED TO SUPERINTENDENT SATISFACTION.

DEPTH RANGE	COLOUR
0.025 to 0.15 m	Lightest Green
0.15 to 0.30 m	Light Green
0.30 to 0.45 m	Medium-Light Green
0.45 to 0.60 m	Medium Green
0.60 to 0.75 m	Medium-Dark Green
0.75 to 0.90 m	Dark Green
0.90 to 1.05 m	Very Dark Green
1.05 to 1.20 m	Dark Green
1.20 to 1.35 m	Very Dark Green
1.35 to 1.50 m	Dark Green
1.50 to 1.65 m	Very Dark Green
1.65 to 1.80 m	Darkest Green

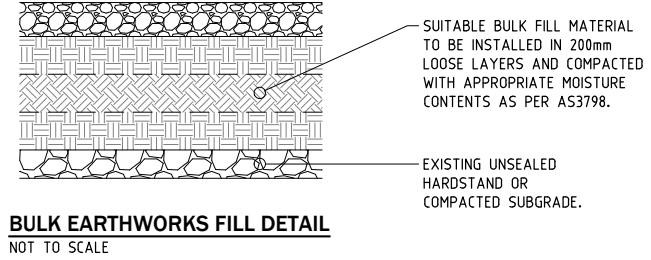
CUT DEPTH RANGE
INDICATES APPROXIMATE AREA TO BE STRIPPED OF TOP SOIL AND CUT TO LEVELS SHOWN ON THIS DWG.

DEPTH RANGE	COLOUR
-0.025 to -0.15 m	Yellow
-0.15 to -0.30 m	Orange
-0.30 to -0.45 m	Dark Orange
-0.45 to -0.60 m	Red-Orange

WARNING

THE LOCATION OF ALL EXISTING SERVICES (E.G. TELSTRA, ELECTRICITY, SEWERAGE, WATER & GAS) ARE SHOWN SCHEMATICALLY ON THE DRAWINGS. PRIOR TO AND DURING CONSTRUCTION OBTAIN THE PRECISE LOCATION OF ALL SERVICES (UNDERGROUND & OVERHEAD) FROM THE RELEVANT AUTHORITY RESPONSIBLE FOR THE SERVICE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES WHETHER SHOWN ON THE DRAWINGS OR NOT.

- EARTHWORKS NOTES**
- ALL BATTERS TO BE TOP-SOILED AND SEEDED TO ACHIEVE 80% STRIKE WITHIN TWO WEEKS AND 80% COVERAGE WITHIN SIX MONTHS.
 - ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS3798 INCLUDING TOPSOIL STRIPPING, COMPACTING, TESTING OF IMPORTED FILL AND SUPERVISION.
 - STRIPPED TOPSOIL TO BE RE-USED ON BATTERS AND LANDSCAPING WHERE POSSIBLE.
 - ALL TESTING TO BE CARRIED OUT BY CONTRACTOR IN ACCORDANCE WITH AS3798, LEVEL 1 OR 2. GEOTECHNICAL SUPERVISION (TBC UPON CONFIRMATION OF FILL SOURCES).
 - CONTOURS SHOWN DEPICT THE BULK EARTHWORKS SURFACE AND ARE AT 0.1m INTERVALS.
 - NOTIFY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING ROAD RESERVES.
 - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SERVICES WITHIN THE SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES WHETHER SHOWN ON THE DRAWINGS OR NOT.
 - ALL BULK EARTHWORKS LEVELS HAVE BEEN NOMINATED 180mm BELOW BUILDING F.F.L. AND DRIVEWAY FINISHED SURFACE LEVELS. REFER TO STRUCTURAL ENGINEERING PLANS TO CONFIRM BUILDING PAD LEVELS PRIOR TO CONSTRUCTION COMMENCING.



APPROVED
By Erin Clark at 3:09 pm, Sep 29, 2021



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BUNDBERG
46A Barolin Street, Bundaberg, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 4154 4894
E: admin.cc@empireengineering.com.au

GYMPIE
3/13 Toour Street, Gympie, Qld
PO Box 102 Mooloolah Qld 4557
T: 07 5477 6493
E: admin.cc@empireengineering.com.au

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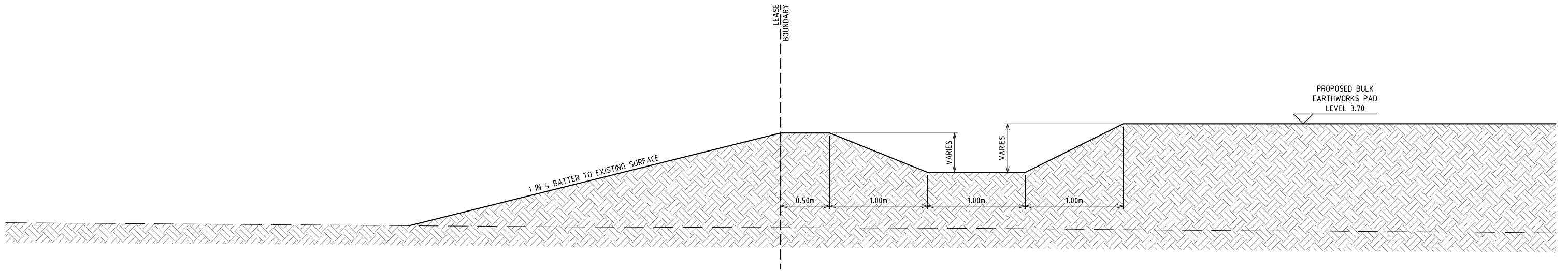
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BURNETT HEADS

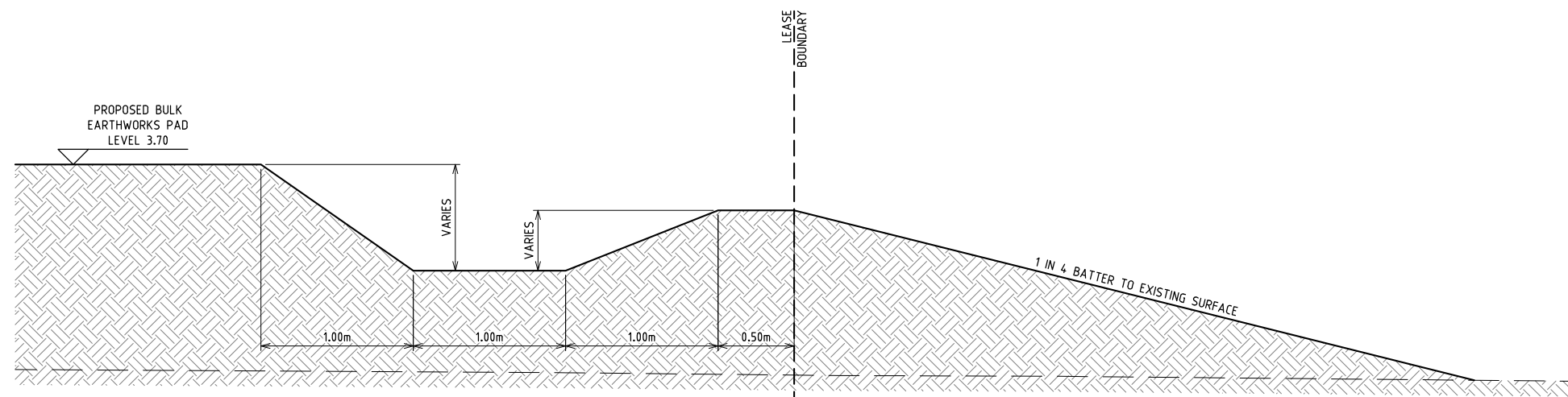
DESIGNED: RAW
DRAWN: LIM
CHECKED: RAW
APPROVED: [Signature]
ROSS WEGNER / RPEQ: 8042

TITLE: BULK EARTHWORKS PLAN

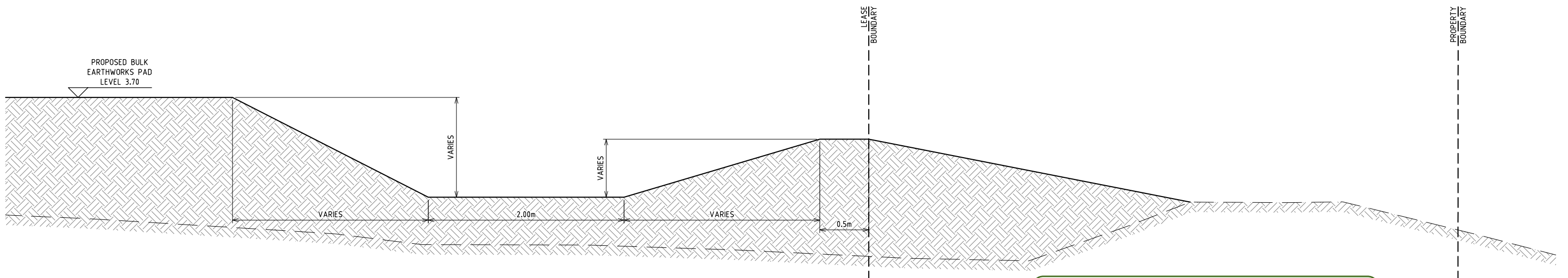
DATE:	JUNE 2021	SCALE:	AS SHOWN
PROJECT NO:	CC-5966	DRAWING NO:	EWK05
REV:			B



A
05 SECTION
NOT TO SCALE



B
05 SECTION
NOT TO SCALE



C
05 SECTION
NOT TO SCALE

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By Erin Clark at 3:09 pm, Sep 29, 2021 FOR APPROVAL

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18.04.21	LJM
ISSUE	AMENDMENT

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BUNDBERG
46A Barolin Street, Bundaberg, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 4154 4894
E: admin.cb@empireengineering.com.au

GYMPIE
3/23 Toour Street, Gympie, Qld
PO Box 102 Mooloolah Qld 4557
T: 07 53544080
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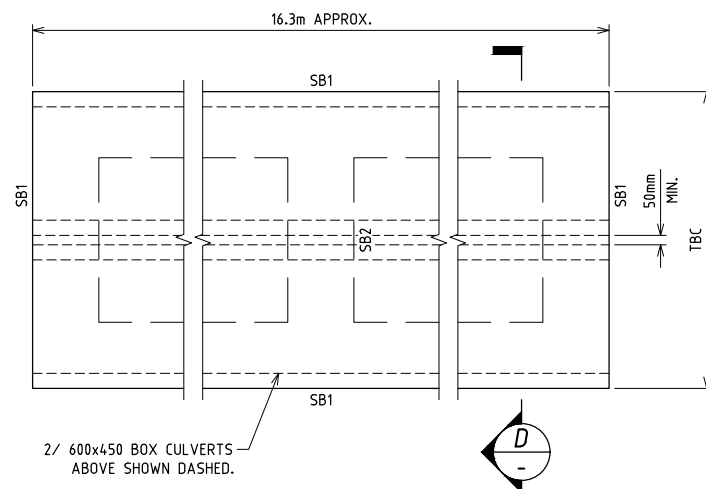
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PROJECT: PROPOSED BULK STORAGE FACILITY
BUSS STREET
BURNETT HEADS

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APPROVED: ROSS WEGNER / RPEQ: 8042

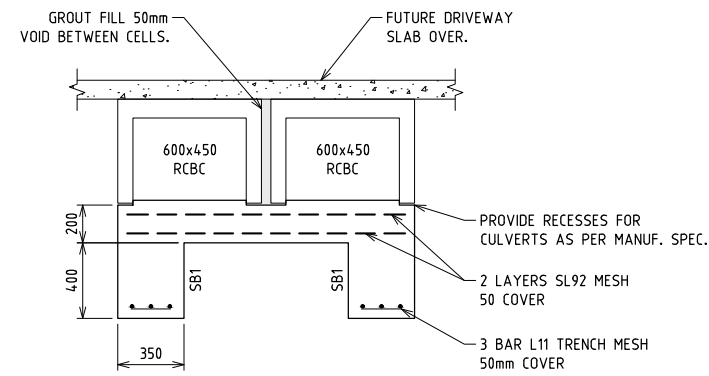
TITLE: CUTOFF DRAIN SECTIONS

DATE:	JUNE 2021	SCALE:	AS SHOWN
PROJECT NO:	CC-5966	DRAWING NO:	EWK06
REV:			B

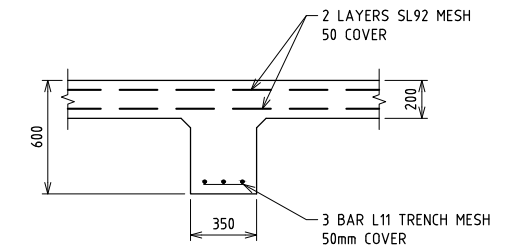


2/ 600x450 BOX CULVERTS ABOVE SHOWN DASHED.

2/ 600x450 BOX CULVERTS BASE SLAB PLAN
NOT TO SCALE



D SECTION
NOT TO SCALE



SLAB BEAM DETAIL (SB2)
NOT TO SCALE

APPROVED
By Erin Clark at 3:09 pm, Sep 29, 2021 **FOR APPROVAL**

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BUNDBERG
46A Barolin Street, Bundaberg, Qld
PO Box 2052 Bundaberg Qld 4670
T: 07 4154 4894
E: admin.cb@empireengineering.com.au


GYMPIE
3/13 Toosa Street, Gympie, Qld
PO Box 102 Bundaberg Qld 4670
T: 07 5354 4080
E: admin.cb@empireengineering.com.au

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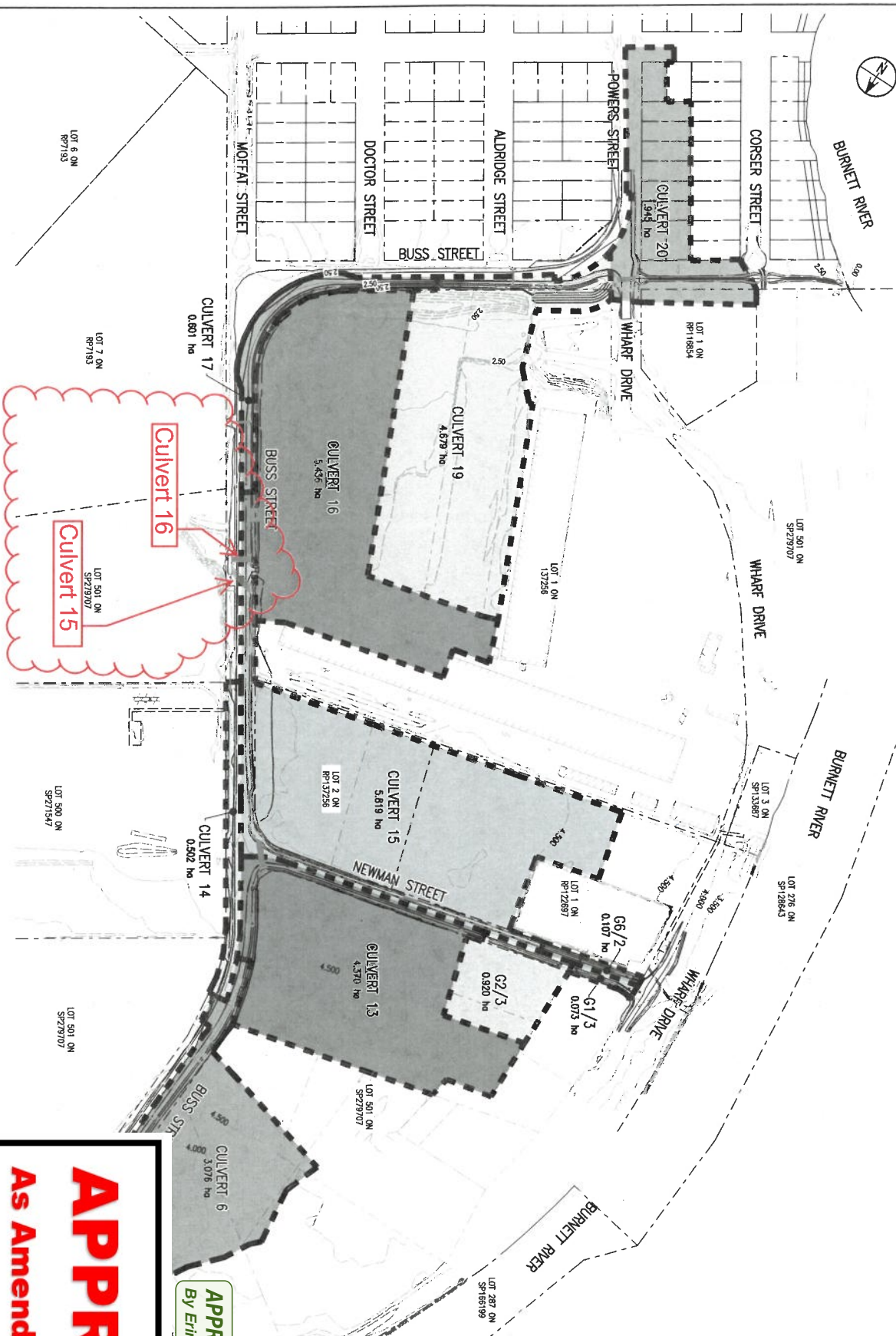
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PROJECT: PROPOSED BULK STORAGE FACILITY
BUSS STREET
BURNETT HEADS

DESIGNED: RAW | DRAWN: LIM | CHECKED: RAW
APPROVED: 
ROSS WEGNER / RPEQ: 8042

TITLE: BOX CULVERT BASE SLAB DETAILS

DATE:	JUNE 2021	SCALE:	AS SHOWN
PROJECT NO:	CC-5966	DRAWING NO:	EWK07
REV:			B



PROPOSED STORMWATER CATCHMENT PLAN

Scale: 1:2000 (A1)

APPROVED

As Amended

APPROVED
 By Erin Clark at 3:10 pm, Sep 29, 2021

LEGEND:

- Proposed Property Boundary
- Existing Property Boundary
- Existing Easement Boundary
- Existing Lease Boundary
- Stormwater Catchment Boundary
- Stormwater Catchment and Area
- Design Minor Contours
- Design Major Contours

PLAN NOTES:

P.1. Interiors between contours - 0.5m

REFERENCE NOTES:

- R.1. This drawing is to be read in conjunction with the stormwater drainage set (D series) and all drawings issued on C-00500 drawing set for
- R.2. Refer to the C-00500 drawing set for
- R.3. Refer to the C-00400 drawing set for stormwater layout plans
- R.4. Refer to the C-00500 for stormwater longitudinal sections.
- R.5. Refer to the C-00600 drawing set for stormwater junction setout details.

Survey No.	GC15-092
Height Datum	AHD PSMA883
Horizontal Datum	MGA94 Z56 GHD
Scale Factor	1:2000(A1) 1:4000(A3)
Client/Book	NA
Surveyor	I. S.J.C

Scale	0 20 40 60 80m
	1:2000(A1) 1:4000(A3)

Revisions	Verified	Date
A FOR TENDER	JMW	15/11/19

Quality Certification	Design: MJT	Vendor: ANM
Checked: JTM	Drawn: MJT	Approved by Engineer:
Date: 23/06/19	REC: 7799	



Locality:	BURNETT HEADS
Facility Name:	BUSS STREET
Asset Name:	
Date:	

**PROPOSED STORMWATER CATCHMENT
 ROADWORKS AND DRAINAGE**

Associated Drawing No.:	74 of 96	Sheet
Project Number:	100012315	A1
Revision Number:	138216	Revised
Field Project Number:	1411	B
Field Drawing Number:	C2001	

29.9.21 JH

Attachment 3 Extract of Appeal Provisions

Schedule 1 Appeals

section 229

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 the Building Act, other than a matter under that Act that may or must be decided by the Queensland Building and Construction Commission; or
 - (h) a decision to give an enforcement notice—
 - (i) in relation to a matter under paragraphs (a) to (g); or
 - (ii) under the *Plumbing and Drainage Act 2018*; or
 - (i) an infrastructure charges notice; or
 - (j) the refusal, or deemed refusal, of a conversion application; 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.
- (8) In this section—
storey see the Building Code, part A1.1.

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal
<p>1. Development applications</p> <p>For a development application other than an excluded application, an appeal may be made against—</p> <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.

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
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	<p>1 A concurrence agency that is not a co-respondent</p> <p>2 If a chosen assessment manager is the respondent—the prescribed assessment manager</p> <p>3 Any eligible advice agency for the application</p> <p>4 Any eligible submitter for the application</p>
<p>2. Change applications</p> <p>For a change application other than an excluded application, an appeal may be made against—</p> <p>(a) the responsible entity's decision on the change application; or</p> <p>(b) a deemed refusal of the change application.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 The applicant</p> <p>2 If the responsible entity is the assessment manager—an affected entity that gave a pre-request notice or response notice</p>	<p>The responsible entity</p>	<p>If an affected entity starts the appeal—the applicant</p>	<p>1 A concurrence agency for the development application</p> <p>2 If a chosen assessment manager is the respondent—the prescribed assessment manager</p> <p>3 A private certifier for the development application</p> <p>4 Any eligible advice agency for the change application</p> <p>5 Any eligible submitter for the change application</p>
<p>3. Extension applications</p> <p>For an extension application other than an extension application called in by the Minister, an appeal may be made against—</p> <p>(a) the assessment manager’s decision on the extension application; or</p> <p>(b) a deemed refusal of the extension application.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 The applicant</p> <p>2 For a matter other than a deemed refusal of an extension application—a concurrence agency, other than the chief executive, for the application</p>	<p>The assessment manager</p>	<p>If a concurrence agency starts the appeal—the applicant</p>	<p>If a chosen assessment manager is the respondent—the prescribed assessment manager</p>
<p>4. Infrastructure charges notices</p> <p>An appeal may be made against an infrastructure charges notice on 1 or more of the following grounds—</p> <p>(a) the notice involved an error relating to—</p> <p style="padding-left: 20px;">(i) the application of the relevant adopted charge; or</p> <p><i>Examples of errors in applying an adopted charge—</i></p> <ul style="list-style-type: none"> • the incorrect application of gross floor area for a non-residential development • applying an incorrect ‘use category’, under a regulation, to the development <p style="padding-left: 20px;">(ii) the working out of extra demand, for section 120; or</p> <p style="padding-left: 20px;">(iii) an offset or refund; or</p> <p>(b) there was no decision about an offset or refund; or</p> <p>(c) if the infrastructure charges notice states a refund will be given—the timing for giving the refund; or</p> <p>(d) for an appeal to the P&E Court—the amount of the charge is so unreasonable that no reasonable relevant local government could have imposed the amount.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The person given the infrastructure charges notice	The local government that gave the infrastructure charges notice	—	—
<p>5. Conversion applications An appeal may be made against— (a) the refusal of a conversion application; or (b) a deemed refusal of a conversion application.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant	The local government to which the conversion application was made	—	—
<p>6. Enforcement notices An appeal may be made against the decision to give an enforcement notice.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The person given the enforcement notice	The enforcement authority	—	If the enforcement authority is not the local government for the premises in relation to which the offence is alleged to have happened—the local government

Table 2 Appeals to the P&E Court only			
<p>1. Appeals from tribunal</p> <p>An appeal may be made against a decision of a tribunal, other than a decision under section 252, on the ground of—</p> <p>(a) an error or mistake in law on the part of the tribunal; or</p> <p>(b) jurisdictional error.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A party to the proceedings for the decision	The other party to the proceedings for the decision	—	—
<p>2. Eligible submitter appeals</p> <p>For a development application or change application other than an excluded application, an appeal may be made against the decision to approve the application, to the extent the decision relates to—</p> <p>(a) any part of the development application or change application 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>

**Table 2
Appeals to the P&E Court only**

3. Eligible submitter and eligible advice agency appeals

For a development application or change application other than an excluded application, an appeal may be made against a provision of the development approval, or a failure to include a provision in the development approval, to the extent the matter relates to—

- (a) any part of the development application or change application that required impact assessment; or
- (b) a variation request.

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>

4. Compensation claims

An appeal may be made against—

- (a) a decision under section 32 about a compensation claim; or
- (b) a decision under section 265 about a claim for compensation; or
- (c) a deemed refusal of a claim under paragraph (a) or (b).

Table 2 Appeals to the P&E Court only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person dissatisfied with the decision	The local government to which the claim was made	—	—
<p>5. Registered premises An appeal may be made against a decision of the Minister under chapter 7, part 4.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 A person given a decision notice about the decision</p> <p>2 If the decision is to register premises or renew the registration of premises—an owner or occupier of premises in the affected area for the registered premises who is dissatisfied with the decision</p>	The Minister	—	If an owner or occupier starts the appeal—the owner of the registered premises
<p>6. Local laws An appeal may be made against a decision of a local government, or conditions applied, under a local law about—</p> <p>(a) the use of premises, other than a use that is the natural and ordinary consequence of prohibited development; or</p> <p>(b) the erection of a building or other structure.</p>			

Table 2 Appeals to the P&E Court only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who— (a) applied for the decision; and (b) is dissatisfied with the decision or conditions.	The local government	—	—

Table 3 Appeals to a tribunal only			
<p>1. Building advisory agency appeals</p> <p>An appeal may be made against giving a development approval for building work to the extent the building work required code assessment against the building assessment provisions.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A building advisory agency for the development application related to the approval	The assessment manager	The applicant	<p>1 A concurrence agency for the development application related to the approval</p> <p>2 A private certifier for the development application related to the approval</p>

Table 3 Appeals to a tribunal only			
<p>2. Inspection of building work</p> <p>An appeal may be made against a decision of a building certifier or referral agency about the inspection of building work that is the subject of a building development approval under the Building Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant for the development approval	The person who made the decision	—	—
<p>3. Certain decisions under the Building Act and the <i>Plumbing and Drainage Act 2018</i></p> <p>An appeal may be made against—</p> <p>(a) a decision under the Building Act, other than a decision made by the Queensland Building and Construction Commission, if an information notice about the decision was given or required to be given under that Act; or</p> <p>(b) a decision under the <i>Plumbing and Drainage Act 2018</i>, other than a decision made by the Queensland Building and Construction Commission, if an information notice about the decision was given or required to be given under that Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who received, or was entitled to receive, an information notice about the decision	The entity that made the decision	—	—
<p>4. Local government failure to decide application under the Building Act</p> <p>An appeal may be made against a local government's failure to decide an application under the Building Act within the period required under that Act.</p>			

Table 3 Appeals to a tribunal only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who was entitled to receive notice of the decision	The local government to which the application was made	—	—
<p>5. Failure to make a decision about an application or other matter under the <i>Plumbing and Drainage Act 2018</i></p> <p>An appeal may be made against a failure to make a decision under the <i>Plumbing and Drainage Act 2018</i>, other than a failure by the Queensland Building and Construction Commission to make a decision, within the period required under that Act, if an information notice about the decision was required to be given under that Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who was entitled to receive an information notice about the decision	The entity that failed to make the decision	—	—