# DELEGATED REPORT

TO: SENIOR PLANNER

FROM: Planning Officer FILE: OPW/22/0009 (Amaroo Stage 13A, 13B & 14A)

DATE: 8 February 2023

#### **APPLICATION DETAILS**

APPLICATION		PRE	MISES
FILE NO:	OPW/22/0009 (Amaroo Stage 13A, 13B & 14A)	ADDRESS:	Emerald End Road, Moondani Avenue and Karobean Drive, Mareeba
APPLICANT:	BTM & S Stankovich Pty Ltd	RPD:	Lot 500 on SP336235
LODGED BY:	Freshwater Planning Pty Ltd	AREA:	20.7073 ha
DATE LODGED:	8 December 2022	OWNER:	Freshwater Planning Pty Ltd
TYPE OF APPROVAL:	Development Perm	hit	
PROPOSED DEVELOPMENT:	Operational Work Water & Sewer Earthworks) fo RAL/22/0019	Infrastructure,	Drainage and
PLANNING SCHEME:	Mareeba Shire Cou	uncil Planning	Scheme 2016
ZONE:	Residential zone		
LEVEL OF ASSESSMENT:	Code Assessment		

## **PREVIOUS APPLICATIONS & APPROVALS**

#### RAL/22/0019

## DESCRIPTION OF PROPOSED DEVELOPMENT

The development application seeks a Development Permit for Operational Works (Roadworks, Stormwater, Water & Sewer Infrastructure, Drainage and Earthworks) for Development Permit RAL/22/0019 – Amaroo Estate Stage 13A, 13B & 14A.

# ASSESSMENT

## **State Planning Policy**

Separate assessment against the State Planning Policy (SPP) is not required because the Mareeba Shire Council Planning Scheme appropriately integrates all relevant aspects of the SPP.

#### **Relevant Development Codes**

The following Development Codes are considered to be applicable to the assessment of the application:

- 6.2.6 Low density residential zone code
- 9.4.4 Reconfiguring a lot code
- 9.4.5 Works, services and infrastructure code

The application did not include a planning report and assessment against the planning scheme. An officer assessment has found that the application satisfies the relevant acceptable solutions (or probable solutions/performance criteria where no acceptable solution applies) of the relevant codes set out below.

Relevant Codes	Comments
Low density residential zone code	The application can be conditioned to comply with the relevant acceptable outcomes contained within the code.
Reconfiguring a lot code	The application can be conditioned to comply with the relevant acceptable outcomes contained within the code.
Works, services and infrastructure code	The application can be conditioned to comply with the relevant acceptable outcomes contained within the code.

#### Compliance with conditions of earlier related approval

#### RAL/22/0019

- 1. Development must be carried out generally in accordance with the approved plans and the facts and circumstances of the use as submitted with the application, and subject to any alterations:
  - found necessary by the Council's delegated officer at the time of examination of the engineering plans or during construction of the development because of particular engineering requirements; and
  - to ensure compliance with the following conditions of approval.
- 2. Timing of Effect
  - 2.1 The conditions of the development permit must be complied with to the satisfaction of Council's delegated officer prior to the endorsement of the plan of survey for each stage of the development, or alternative documentation as approved by the Land Title Act, except where specified otherwise in these conditions of approval.
- 3. General
  - 3.1 The applicant/developer is responsible for the cost of necessary alterations to existing public utility mains, services or installations required by works in relation to the proposed development or any works required by condition(s) of this approval.
  - 3.2 All payments or bonds required to be made to the Council pursuant to any condition of this approval or the Adopted Infrastructure Charges Notice must be made prior to the endorsement of the plan of survey, or alternative documentation as approved by the Land Title Act and at the rate applicable at the time of payment.
  - 3.3 The developer must relocate (in accordance with FNQROC standards) any services such as water, sewer, drainage, telecommunications and electricity that are not wholly

located within the lots that are being created/serviced where required by the relevant authority, unless approved by Council's delegated officer.

- 3.4 Where utilities (such as sewers on non-standard alignments) traverse lots to service another lot, easements must be created in favour of Council for access and maintenance purposes. The developer is to pay all costs (including Council's legal expenses) to prepare and register the easement documents.
- 3.5 All works must be designed, constructed and carried out in accordance with FNQROC Development Manual requirements (as amended) and to the satisfaction of Council's delegated officer.
- 3.6 Charges

All outstanding rates, charges, and expenses pertaining to the land are to be paid in full.

3.7 Bushfire Management

A Bushfire hazard management plan for the subject land must be prepared by suitably qualified person to the satisfaction of Council's delegated officer.

The future use of each lot must comply with the requirements of the bushfire hazard management plan at all times.

- 3.8 The following road names are approved:
  - · Kutterul Close new cul-de-sac off Moondani Avenue; and
  - · Allambee Close new cul-de-sac off Karobean Drive.

Infrastructure Services and Standards

4.1 Access

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Access to each allotment must be constructed (from the edge of the road pavement to the property boundary of each lot) in accordance with the FNQROC Development Manual, to the satisfaction of Council's delegated officer.

The provision of layback/roll-over kerbing along the frontage of each allotment will satisfy this condition.

- 4.2 Stormwater Drainage
  - (a) The applicant/developer must take all necessary steps to ensure a nonworsening effect on surrounding land as a consequence of the development.
  - (b) Prior to works commencing the applicant must submit a Stormwater Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) that meets or exceeds the standards of design and construction set out in the Queensland Urban Drainage Manual (QUDM) and the FNQROC Development Manual to the satisfaction of Council's delegated officer.
  - (c) Prior to works commencing the applicant must submit a Stormwater Quality Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) that meets or exceeds the standards of design and construction set out in the Urban Stormwater Quality Planning Guideline and the Queensland Water Quality Guideline to the satisfaction of Council's delegated officer.
  - (d) The Stormwater Quality Management Plan must include an Erosion and Sediment Control Plan that meets or exceeds the Soil Erosion and Sedimentation Control Guidelines (Institute of Engineers Australia) to the satisfaction of Council's delegated officer.

- (e) The applicant/developer must construct the stormwater drainage infrastructure in accordance with the approved Stormwater Management Plan and/or Stormwater Quality Management Plan and Report.
- (f) Temporary drainage is to be provided and maintained during the construction phase of the development, discharged to a lawful point and not onto the construction site.
- (g) All stormwater channels through private property must be registered, with the easement for drainage purposes in favour of Council. All documentation leading to the registration of the easement must be completed at no cost to Council.
- (h) All stormwater drainage collected from the site must be discharged to an approved legal point of discharge.
- (i) The applicant (at their cost) must video all stormwater lines and submit the video for inspection by Council's delegated officer prior to the development being taken "off maintenance" to ensure that no defects have occurred during the 12 month maintenance period.
- (j) All drainage easements must be constructed to prevent erosion. Construction may be in the form of a concrete invert, with outlet protection.
- 4.3 Earthworks

All earthworks must be carried out in accordance with the requirements of the FNQROC Development Manual (as amended) to the satisfaction of Council's delegated officer.

- 4.4 Roadworks/footpaths Internal
  - (a) Moondani Avenue, Kutterul Close and Allambee Close are to be constructed to Access Street standard in accordance with the FNQROC Development Manual (as amended) to the satisfaction of Council's delegated officer.
  - (b) Karobean Drive must be constructed to a Collector Road standard (of the same width as the existing section of Karobean Drive) in accordance with the FNQROC Development Manual (as amended) to the satisfaction of Council's delegated officer.
  - (c) Temporary turnaround areas, with a bitumen and/or gravel surface, must be provided at the western end of Karobean Drive and the eastern end of Allambee Close to allow traffic manoeuvring until future stages 15 and 14B are developed.
  - (d) 2 metre wide concrete pedestrian footpaths must be installed on at least 1 side of <u>all</u> proposed internal roads, including Moondani Avenue and Karobean Drive. The horizontal alignment of all footpaths (with the exception of Karobean Drive) must comply with the FNQROC development Manual (specifically Standard Drawing S1004A) and <u>must not be constructed abutting the kerbing.</u>

The Karobean Drive footpath (only) is permitted to be constructed abutting the kerbing.

4.5 Roadworks - External (Karobean Drive/Emerald End Road Intersection)

The intersection of Karobean Drive and Emerald End Road must be constructed to FNQROC Development Manual standards (as amended) to the satisfaction of Council's delegated officer.

4.6 Footpaths - External (Emerald End Road)

# This condition is optional and may be carried out at the applicant/developer's discretion.

(a) Council will permit the construction of a 2 metre wide concrete pedestrian footpath within the Emerald End Road reserve to create a pedestrian link between the

- (b) The footpath works must be sited as close as practically possible to the western side of the Emerald End Road reserve and must not include any vegetation plantings. The footpath must only meander where needed to avoid existing trees and a culvert crossing/bridge is required to be installed across the stormwater drain situated between drainage reserve Lot 49 on SP220745 and Emerald End Road.
- (c) The footpath may be done in 3 separate Stages or combination of the 3 Stages as follows:
  - Linking the Karobean Drive and Kutterul Close footpaths; and/or
  - Linking the Kutterul Close footpath and Dandaloo Close cul-de-sac head; and/or
  - Linking the Dandaloo Close cul-de-sac head and the park/playground adjacent Lot 2 on SP298298. For this section, the footpath is only required to be constructed to the south-east corner of Lot 10 on SP211136 with Council to complete the link between the end of this footpath and the park/playground.
- (d) The cost of the abovementioned pedestrian footpath works will be credited towards the parks and open space component (only) of the infrastructure charges payable for Stages 13A, 13B and 14A. The parks and open space component accounts for 20% of the total infrastructure charges payable for each Stage.

The cost of the pedestrian footpath works (to be credited) must be provided via an itemised quotation and must be agreed to by Council's delegated officer before works commence.

- 4.7 Water Supply
  - (a) A water service connection must be provided to each proposed lot in accordance with FNQROC Development Manual standards (as amended) to the satisfaction of Council's delegated officer
  - (b) Where the existing reticulated water supply does not currently service the site or is not at an adequate capacity, the developer is required to extend or upgrade the reticulated water supply infrastructure to connect the site to Council's existing infrastructure at a point that has sufficient capacity to service the development in accordance with FNQROC Development Manual standards (as amended).
- 4.8 Sewerage Connection
  - (a) The developer must connect the proposed development to Council's reticulated sewerage system in accordance with FNQROC Development Manual standards (as amended) to the satisfaction of Council's delegated officer.
  - (b) Where sewerage connections are not available to the site, or where existing connections are not satisfactory for the proposed development, the developer is required to extend or upgrade the reticulated sewerage infrastructure to connect the site to Council's existing infrastructure at a point that has sufficient capacity to service the development in accordance with FNQROC Development Manual standards (as amended).
- 4.9 Electricity provision/supply

The applicant/developer must ensure that an appropriate level of electricity supply is provided to each allotment in accordance with FNQROC Development Manual standards (as amended) to the satisfaction of Council's delegated officer.

Written advice from an Electricity Service Provider is to be provided to Council indicating that an agreement has been made for the provision of **<u>underground</u>** power reticulation.

4.10 Telecommunications

The applicant/developer must enter into an agreement with a telecommunication carrier to provide telecommunication services to each allotment and arrange provision of necessary conduits and enveloping pipes.

4.11 Lighting

Street lighting must be provided to all roads in accordance with FNQROC Development requirements (as amended) and to the satisfaction of Council's delegated officer.

4.12 Street Trees

One (1) street tree must be at the planted at centre of each lot's road frontage. Corner allotments must have a street tree planted on each frontage.

All street trees must be provided in accordance with the FNQROC Development Manual - Design Manual D9 Landscaping.

# Plans for the development works required under Conditions 4.1 - 4.12 must be submitted to Council for approval as part of a subsequent application for operational works.

## **FNQROC Regional Development Manual**

Section	Assessment
DP1 - Development Principles	Complies
AP1 - Application Procedures	Complies
D1 - Road Geometry	Will be conditioned to comply
D2 - Site Regrading	Will be conditioned to comply
D3 - Road Pavements	Will be conditioned to comply
D4 - Stormwater Drainage	Complies
D5 - Stormwater Quality Management	Complies
D6 - Water Reticulation	Will be conditioned to comply
D7 - Sewerage System	Complies
D8 - Utilities	Will be conditioned to comply
D9 - Landscaping	Will be conditioned to comply

## REFERRALS

Nil

## **Internal Consultation**

**Technical Services** 

## **OFFICER'S RECOMMENDATION**

1. That in relation to this operational works of	development application:
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APP	LICATION		PREMISES
APPLICANT:	BTM & S Stankovich Pty	ADDRESS:	Emerald End Road,
	Ltd		Moondani Avenue and
			Karobean Drive, Mareeba
DATE LODGED	8 December 2022	RPD:	Lot 500 on SP336235
TYPE OF	Development Permit		
APPROVAL			
PROPOSED	Operational Works (Ro	oadworks, Sto	ormwater, Water & Sewer
DEVELOPMENT	Infrastructure, Drainage	and Earthwor	ks) for Development Permit
	RAL/22/0019		· · ·

and in accordance with the Planning Act 2016, as amended, the applicant be notified that the application for operational works:

Approved subject to the following assessment manager conditions:

(A) APPROVED DEVELOPMENT: Development Permit for Operational Works (Roadworks, Stormwater, Water & Sewer Infrastructure, Drainage and Earthworks) for Development Permit RAL/22/0019 for <u>Stages 13A, 13B & 14A Only</u>

#### (B) APPROVED PLANS:

Plan/Document Number	Plan/Document Title	Prepared by	Dated
AP-ST1314-C01 Rev. B	Cover Sheet, Site Plan and Drawing List	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C02 Rev. B	Overall Site Plan – Stages 13 & 14	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C03 Rev. B	Roadworks and Drainage Layout Plan – Stage 13A	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C04 Rev. B	Roadworks and Drainage Layout Plan – Stage 13B	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C05 Rev. B	Roadworks and Drainage Layout Plan – Stage 14A	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C07 Rev. B	Road Centre Line Setout Tables	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C08 Rev. B	Intersection & Cul-de-sac Details Sheet 1 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C09 Rev. B	Intersection Details Sheet 2 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C10 Rev. B	Intersection & Cul-de-sac Details Sheet 3 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C11 Rev. B	Intersection & Cul-de-sac Setout Tables	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C12 Rev. B	Typical Cross Sections and Details	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C13 Rev. B	Longitudinal Section – Karobean Avenue	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C14 Rev. B	Cross Section – Karobean Avenue – Sheet 1 of 4	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C15 Rev. B	Cross Section – Karobean Avenue – Sheet 2 of 4	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C16 Rev. B	Cross Section – Karobean Avenue – Sheet 3 of 4	Robin Mansinger Civil Design Consultant	November 2022

AP-ST1314-C17 Rev. B	Cross Section – Karobean Avenue – Sheet 4 of 4	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C18 Rev. B	Longitudinal Section – Moondani Avenue	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C19 Rev. B	Cross Sections – Moondani Avenue – Sheet 1 of 2	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C20 Rev. B	Cross Sections – Moondani Avenue – Sheet 2 of 2	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C21 Rev. B	Longitudinal Sections – Road 3 & Allambee Close	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C22 Rev. B	Cross Section – Road 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C23 Rev. B	Cross Sections – Allambee Close – Sheet 1 of 2	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C24 Rev. B	Cross Sections – Allambee Close – Sheet 2 of 2	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C25 Rev. B	Overall Earthworks Plan – Stages 13 & 14	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C26 Rev. B	Earthworks Plan – Stage 13A	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C27 Rev. B	Earthworks Plan – Stage 13B	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C28 Rev. B	Earthworks Plan – Stage 14A	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C30 Rev. B	Stormwater Drainage Catchment	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C31 Rev. B	Stormwater Drainage – Longitudinal Sections – Sheet 1 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C32 Rev. B	Stormwater Drainage – Longitudinal Sections – Sheet 2 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C33 Rev. B	Stormwater Drainage – Longitudinal Sections – Sheet 3 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C34 Rev. B	Stormwater Drainage – Calculations Table – Sheet 1 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C35 Rev. B	Stormwater Drainage – Calculations Table – Sheet 2 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C36 Rev. B	Stormwater Drainage – Calculations Table – Sheet 3 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C37 Rev. B	Stormwater Drainage Catchment Table, Structures Schedule and Pipe Table	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-C38 Rev. B	Stormwater Drainage Structures Details Plan	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S01 Rev. B	Sewerage Reticulation – Layout Plan – Stage 13A – Sheet 1 of 5	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S02 Rev. B	Sewerage Reticulation – Layout Plan – Stage 13B – Sheet 2 of 5	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S03 Rev. B	Sewerage Reticulation – Layout Plan – Stage 14A – Sheet 3 of 5	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S05 Rev. B	Sewerage Reticulation – Layout Plan – Sheet 5 of 5	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S06 Rev. B	Sewerage Reticulation – Longitudinal Sections – Sheet 1 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S07 Rev. B	Sewerage Reticulation – Longitudinal Sections – Sheet 2 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-S08 Rev. B	Sewerage Reticulation – Longitudinal Sections – Sheet 3 of 3	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-W01 Rev. B	Water Reticulation Plan – Stage 13A	Robin Mansinger Civil Design Consultant	November 2022

AP-ST1314-W01 Rev. B	Water Reticulation Plan – Stage 13B	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-W01 Rev. B	Water Reticulation Plan – Stage 14A	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-EC01 Rev. B	Erosion and Sediment Control Plan – Stage 13 & 14	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-EC02 Rev. B	Erosion and Sediment Control General Notes Plan	Robin Mansinger Civil Design Consultant	November 2022
AP-ST1314-EC03 Rev. B	Erosion and Sediment Control General Details Plan	Robin Mansinger Civil Design Consultant	November 2022

# (C) ASSESSMENT MANAGER'S CONDITIONS (COUNCIL)

## For Stages 13A, 13B & 14A Only

#### 1 General

- 1.1 This development permit authorises works for **Stages 13A, 13B and 14A only** and does **not** authorise works for **Stage 14B**.
- 1.2 "For Construction" issue engineered drawings must be certified as approved by a suitably qualified Registered Professional Engineer of Queensland (RPEQ) and submitted to Council for review prior to the Pre-Start Meeting. The plans must be amended to include any changes required by these conditions of approval.
- 1.3 All operational works must be designed and constructed in accordance with the procedures as set out in the FNQROC Development Manual.
- 1.4 Development must be carried out substantially in accordance with the approved plans and the facts and circumstances of the use as submitted with the application, and subject to any alterations:
  - found necessary by the Council's Delegated Officer at the time of examination of the engineering plans or during construction of the development because of particular engineering requirements;
  - to ensure the works comply in all respects with the requirements and procedures of the FNQROC Development Manual, Queensland Urban Drainage Manual and good engineering practice; and
  - to ensure compliance with the following conditions of approval.
- 1.5 Council's examination of the documents should not be taken to mean that the documents have been checked in detail and Council takes no responsibility for their accuracy. If during construction, inadequacies of the design are discovered, it is the responsibility of the Principal Consulting Engineer to resubmit amended plans to Council for approval and rectify works accordingly.
- 1.6 All earthworks must be undertaken in accordance with Australian Standard 3798-2007, guidelines on Earthworks for Commercial and Residential Developments; additionally, further certification is to occur when works are completed and test results are compiled. This information must be provided to Council prior to Works Acceptance.

Finished design levels and gradients over each allotment must be generally in accordance with those shown on drawings AP-ST1314-C26 Rev. B, AP-

ST1314-C27 Rev. B and AP-ST1314-C28 Rev. B included in the approved plans.

- 1.7 The use of polypropylene stormwater piping or equivalent is **not permitted**. Details of stormwater piping material must be submitted to Council for approval prior to Pre-Start Meeting.
- 1.8 All water main road crossings must be constructed in ductile iron cement mortar lined (DICL) piping.
- 1.9 A street tree plan is to be provided to Council for review and approval prior to the Pre-Start Meeting occurring. The street tree plan must include 1 street tree located in the centre of each allotment frontage, on each side of the road. Corner lots must have a street tree on each frontage. The street tree species used must be approve by Council's delegated officer.

The final "for construction" plans, in particular the "typical cross section and detail plans" must be amended to include street trees to ensure their position and alignment does not interfere with any other service infrastructure.

1.10 The final "for construction" plans (including the "typical cross section and detail plans" and "cross section plans") must be amended so that pedestrian footpath locations and alignments comply with *Condition 4.4 – Roadworks/footpaths – Internal* of Development Permit RAL/22/0019, to the satisfaction of Council's delegated officer.

All pedestrian footpaths including the location of kerb ramps must be constructed in accordance with Australian Standard AS1428.1, to the satisfaction of Council's delegated officer.

- 1.11 Lighting in all 3 stages must be designed to a P4 standard under the FNQROC Development Manual. Street lights along Karobean Drive must be installed on the opposite side to the footpath only.
- 1.12 Domestic water service connections must be installed to comply with the original issue of Standard Drawing S2060 (unamended). Domestic water service connections must be installed on the opposite boundary to the electrical service infrastructure.

Separate approval may be sought for co-location of water service connections and electrical service infrastructure. Such a request must be accompanied by an engineered design endorsed by a suitably qualified RPEQ. If approved, the consulting engineer must also provide final certification that the constructed works comply with the endorsed design prior to works acceptance.

## 2 Pre-start Meeting

2.1 In addition to the requirements of Clause CP1.07 and CP1.08 of the FNQROC Development Manual; after documentation has been approved by Council, a pre-start meeting is to be held on site prior to the commencement of work. Part 1 of the **attached** pre-start meeting pro-forma is to be completed and returned prior to the meeting including clause 1.u 'Request for Meeting' together with the prescribed Construction Monitoring Fee as set out in Council's Schedule of Fees.

## 3 Inspections

3.1 Inspections are to be carried out as detailed in the FNQROC Manual unless advised otherwise at the pre-start meeting.

## 4 Construction Security Bond and Defects Liability Bond

- 4.1 In addition to Clauses CP1.06 and CP1.20 of the FNQROC Development Manual; the Construction Security Bond and Defects Liability Bond shall each be a minimum of \$1000 and Bank Guarantees shall have no termination date.
- 4.2 During the Defects Liability period, it is the responsibility of the developer to rectify any works found to be defective due to design faults and or found to exhibit faults attributed to the performance of the construction activities in terms of quality and conformance with design and specifications. The bond will be returned on satisfactory correction of any defective work and after expiration of the maintenance period. Failure to comply with a Council issued instruction to correct defective work may result in the call up of the bond to have the work completed.

## 5 Hours of Work

- 5.1 Work involving the operation of construction plant and equipment of any description, shall only be carried out on site during the following times:
  - 7.00am to 6.00pm, Monday to Friday;
  - 7.00am to 1.00pm Saturdays;
  - No work is permitted on Sundays or Public Holidays.
- 5.2 No variation to the above working hours is allowed unless otherwise agreed in writing by Council.

## 6 Transportation of Soil

6.1 All soil transported to or from the site must be covered to prevent dust or spillage during transport. If soil is tracked or spilt onto the road pavement from works on the subject land, it must be removed no later than at the end of each working day. Sediment must not enter Council's stormwater drainage network.

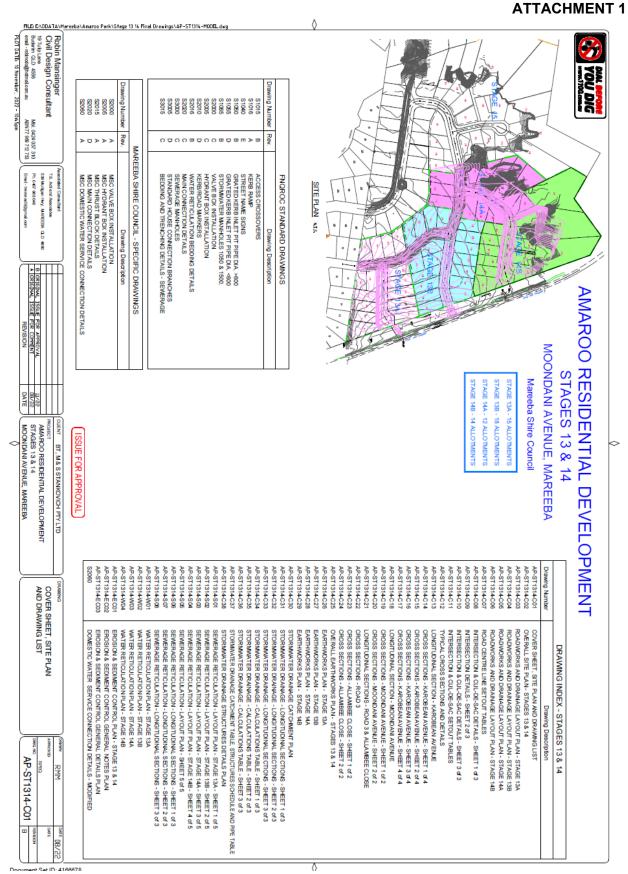
## (D) RELEVANT PERIOD

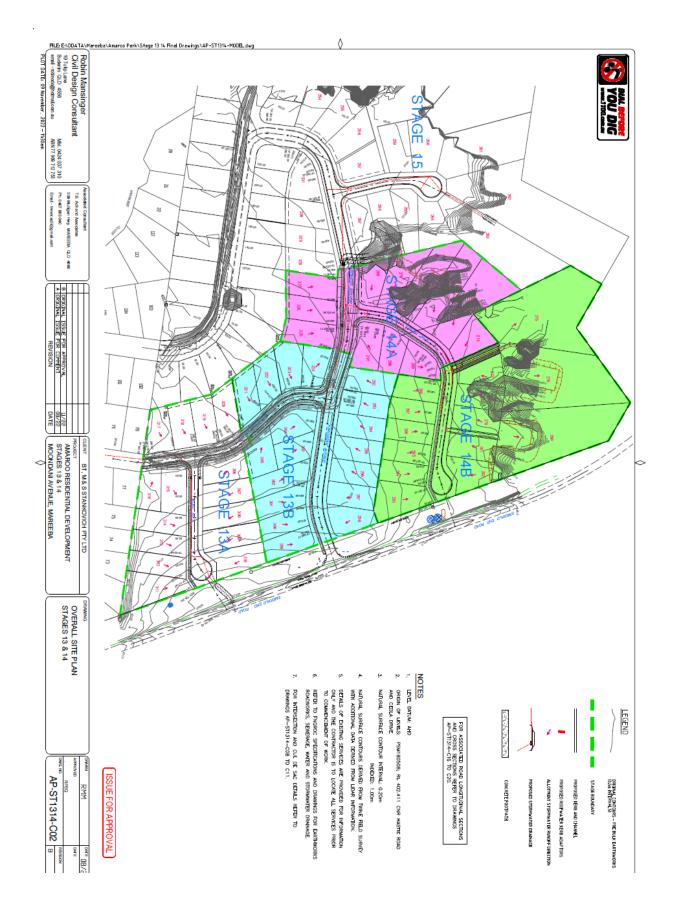
When approval lapses if development not started (s.85)

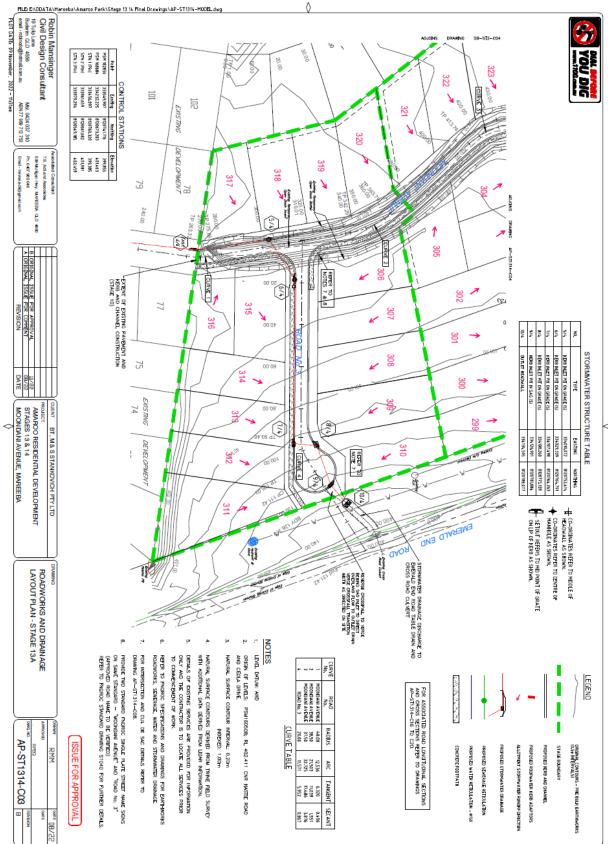
- Two (2) years (starting the day the approval takes effect).
- (E) OTHER NECESSARY DEVELOPMENT PERMITS AND/OR COMPLIANCE PERMITS
  - Nil

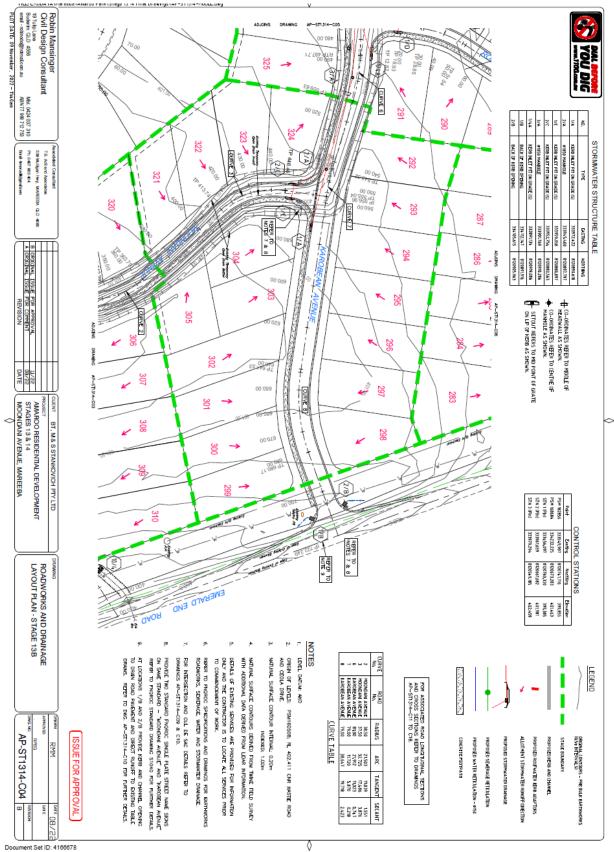
#### DECISION BY DELEGATE

DECISION Having considered the Planning Officer's report detailed above, I approve, as delegate of Council, the application subject to the conditions listed in the report. Dated the 8TH day of FEBRUARY 2023 B.2 BRIAN MILLARD SENIOR PLANNER MAREEBA SHIRE AS DELEGATE OF THE COUNCIL

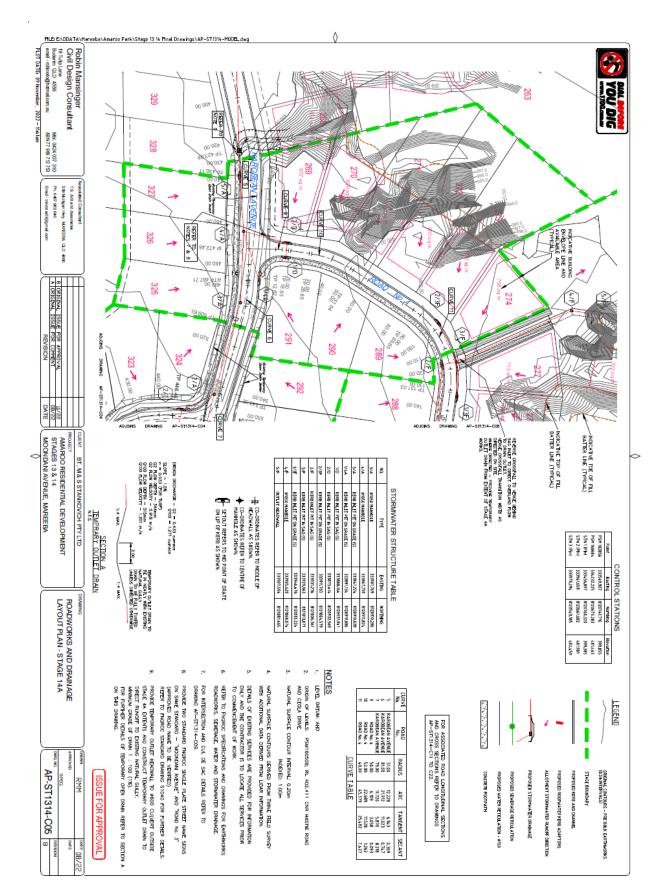






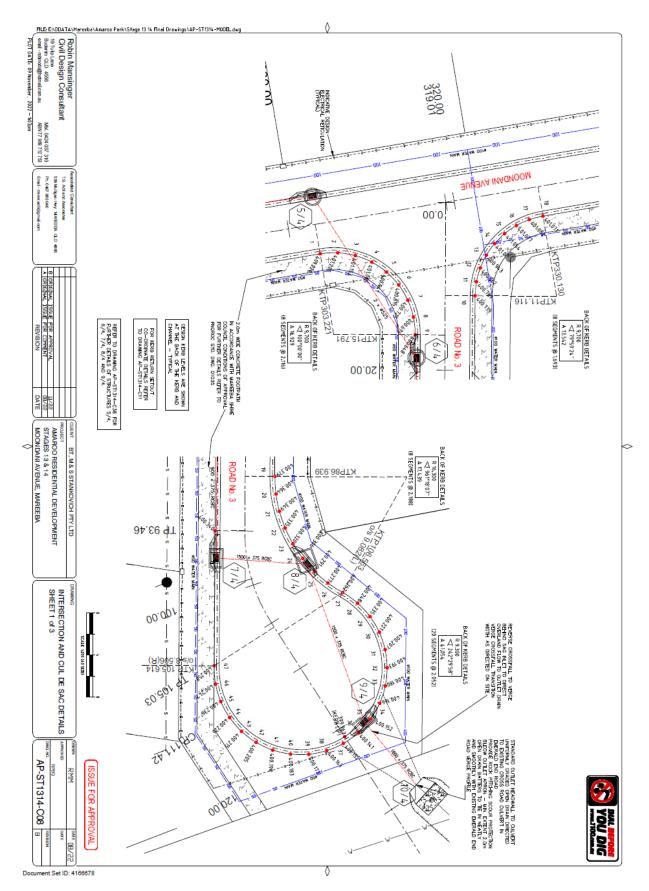


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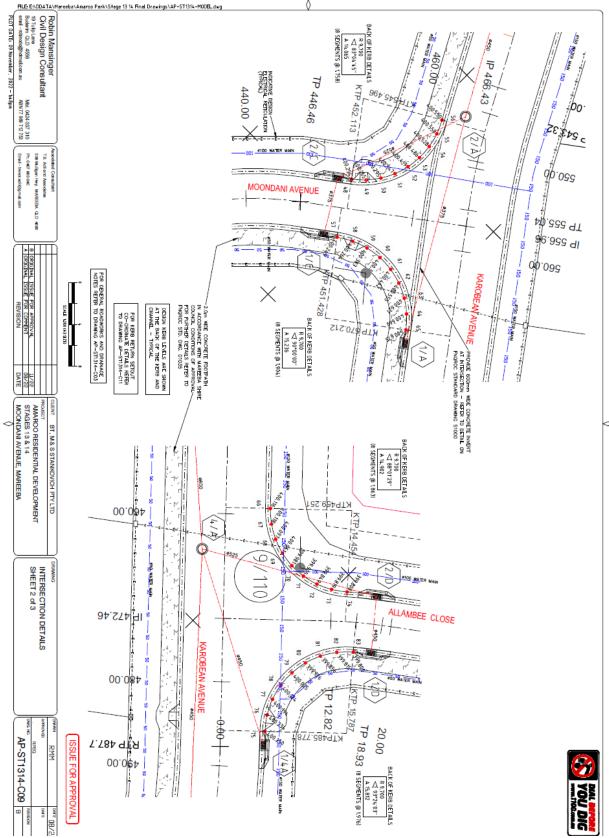


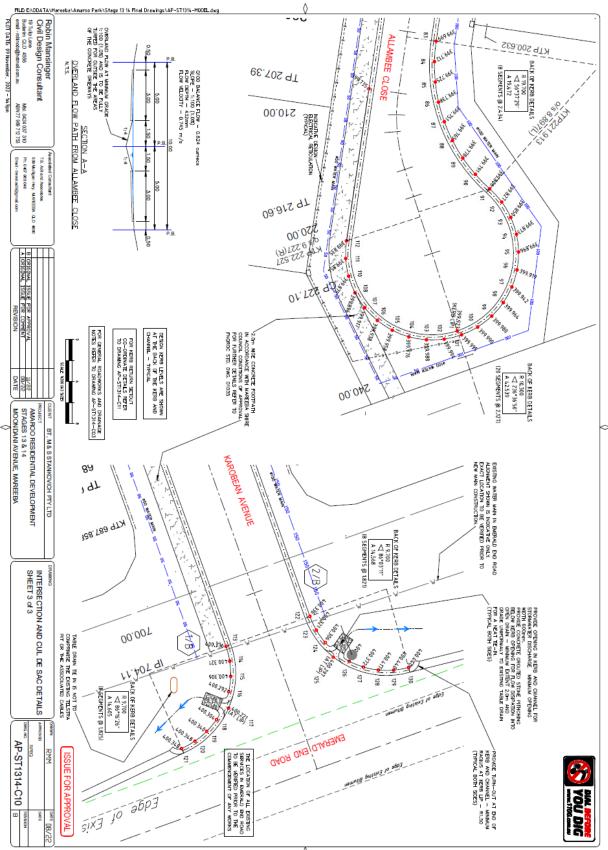
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T.S. Acil and Associatos 530 Mulligan Hwy. MAREEDA GLD - Ph. 0407 983 040 Email - trevoz.adik[igmal.com	Associated Consultant					8120798.550	8120789.778	8120774.312	CC8.0//0218	8120768.690	8120767.674	8120767.765	207	8120768.169	8120768.304	NON LIVING	NORTHING							9 8120903.422	Н	5 8120895.943	8120889.	8120889.2	7 8120886.484	7 8120884.74	3 8120885.525	812	81208	1 8120891.582	815	80218	81208	+	812	9 8120901.664	2 8120907.47	5 8120910.487	1 8120912.	7 8120913.956	5 8120914.14	1 8120914.32	/ 8120913.110 1 8120914.626	4 8120915.20	6 8120914.98	1 8120914.03	3 8120913.209	-	NORTHING	
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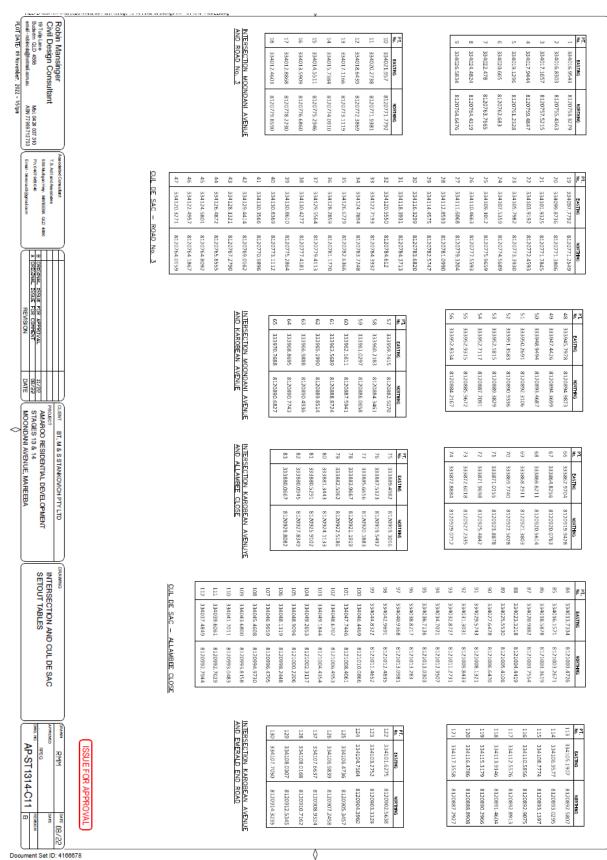
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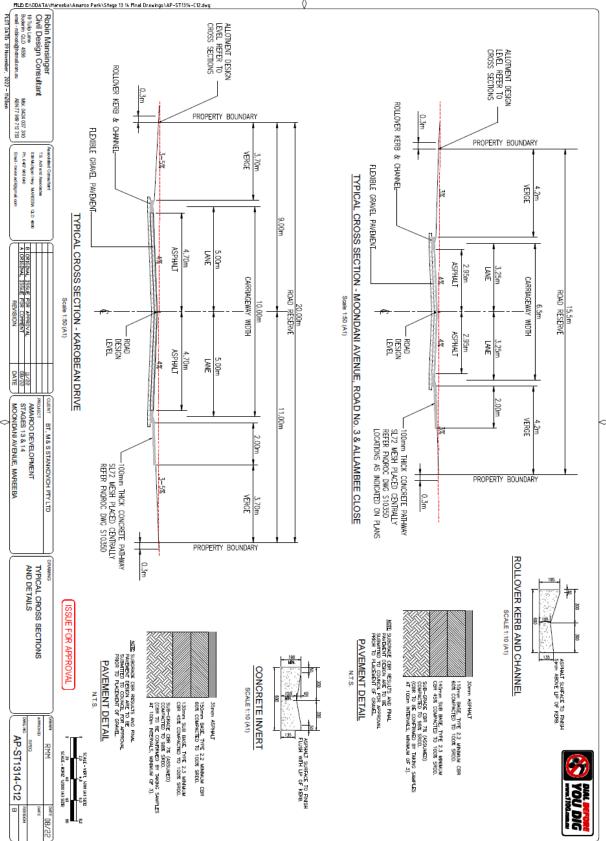


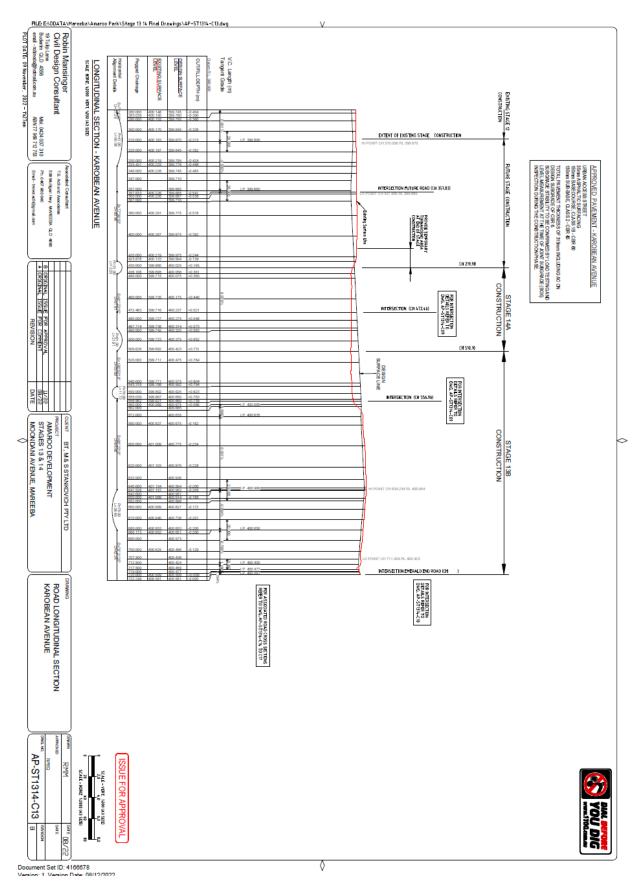


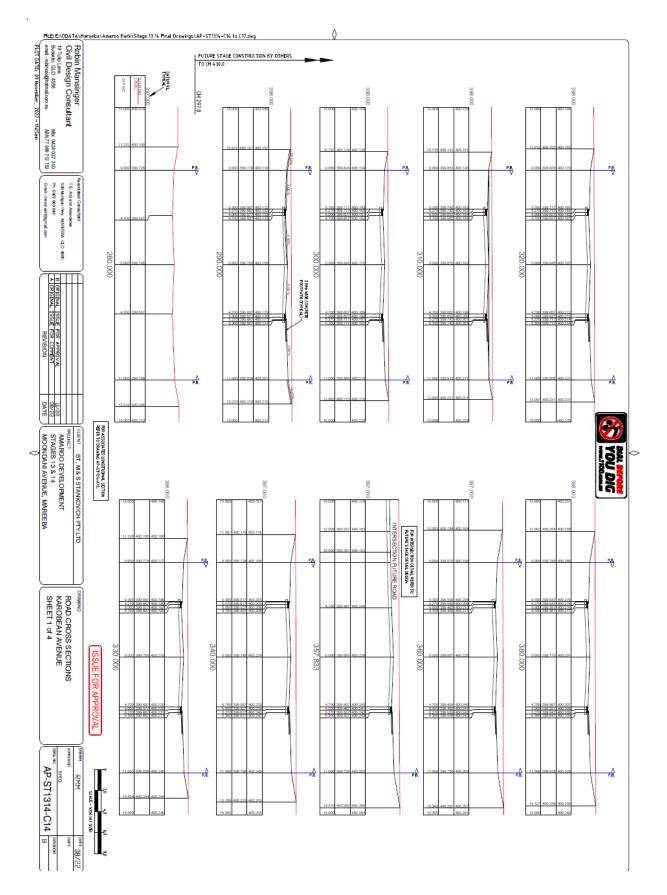


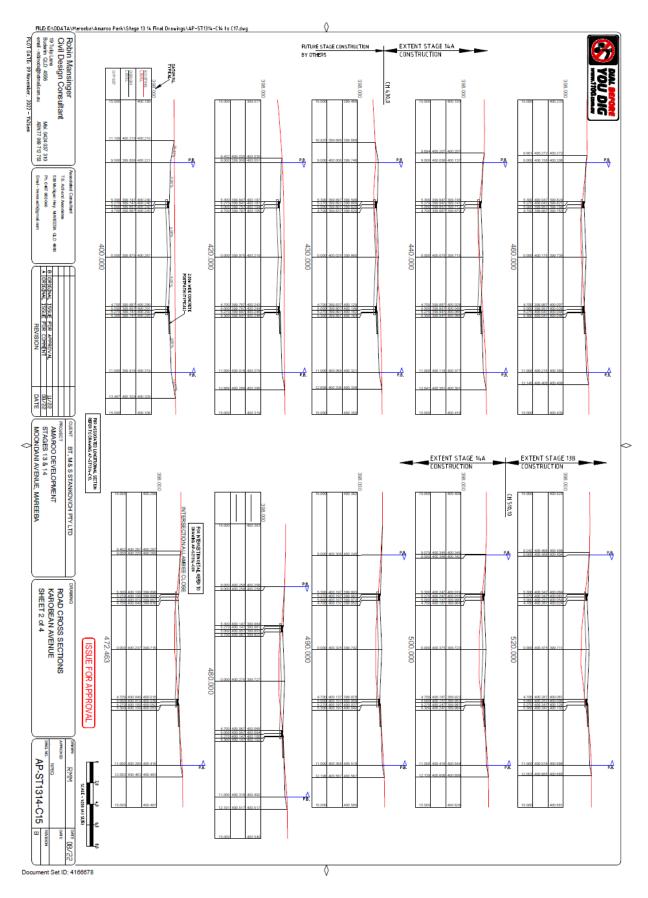
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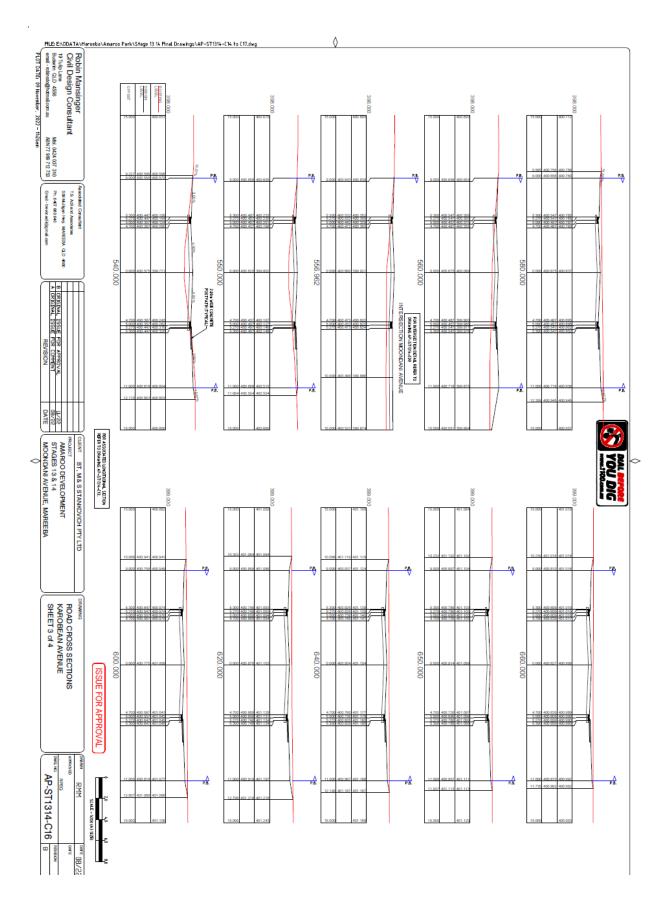
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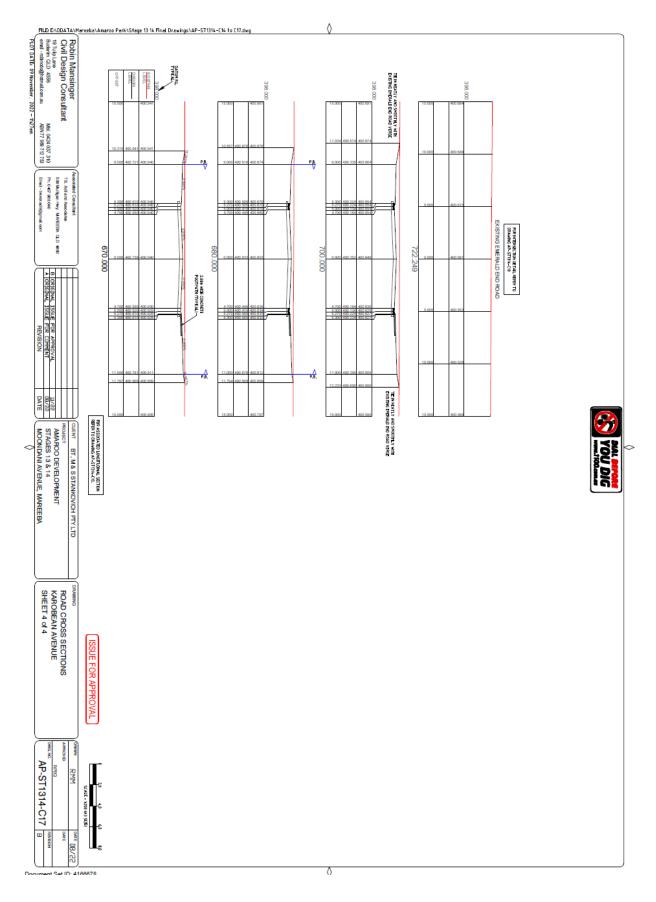


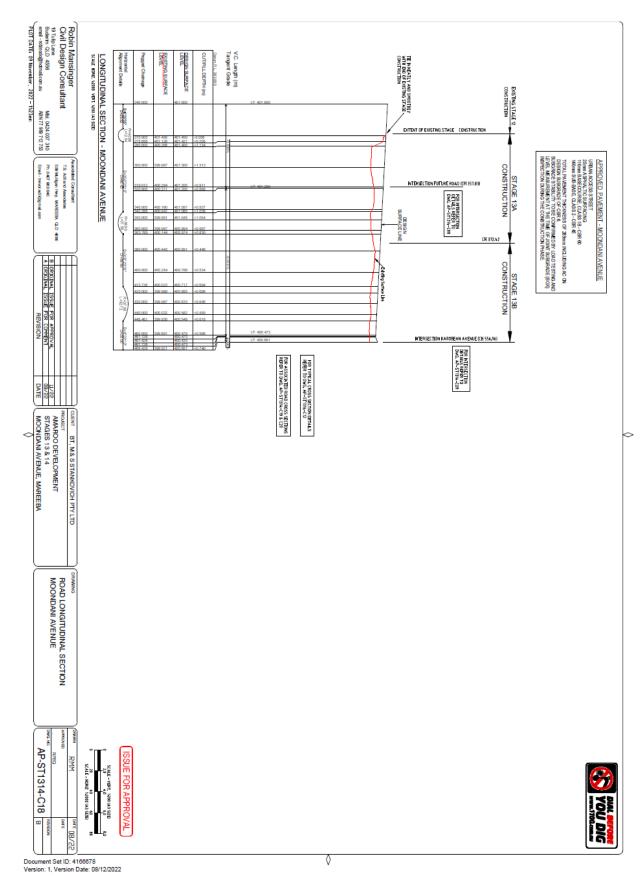


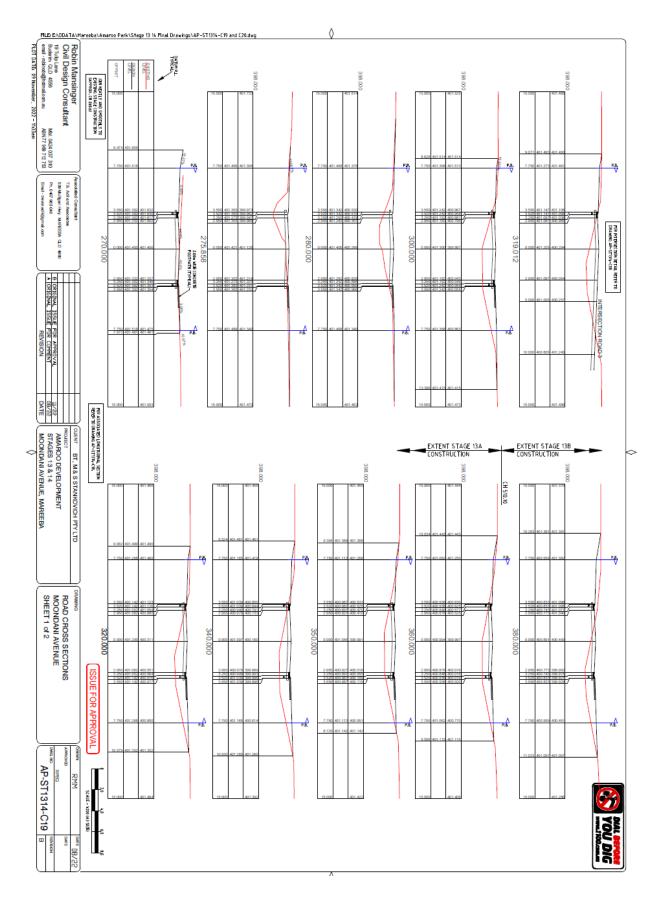


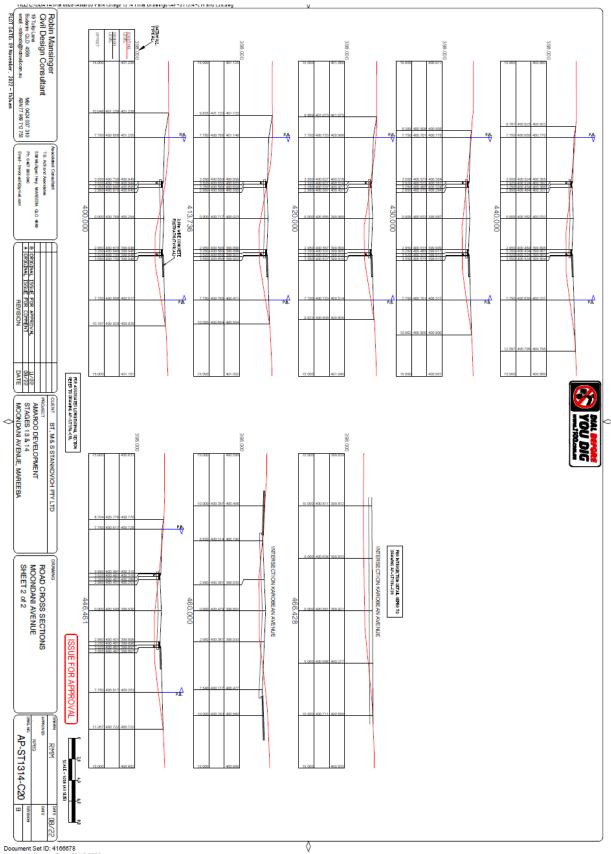




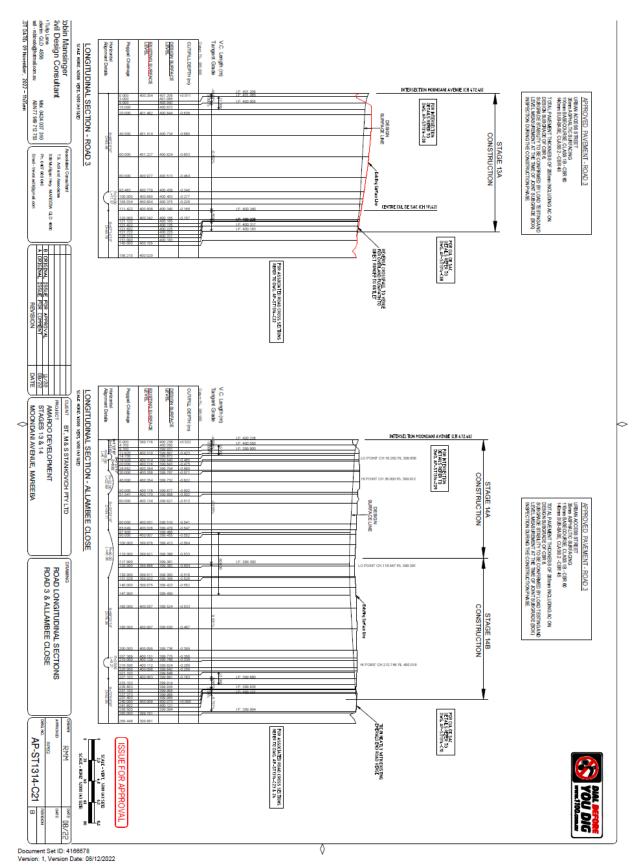


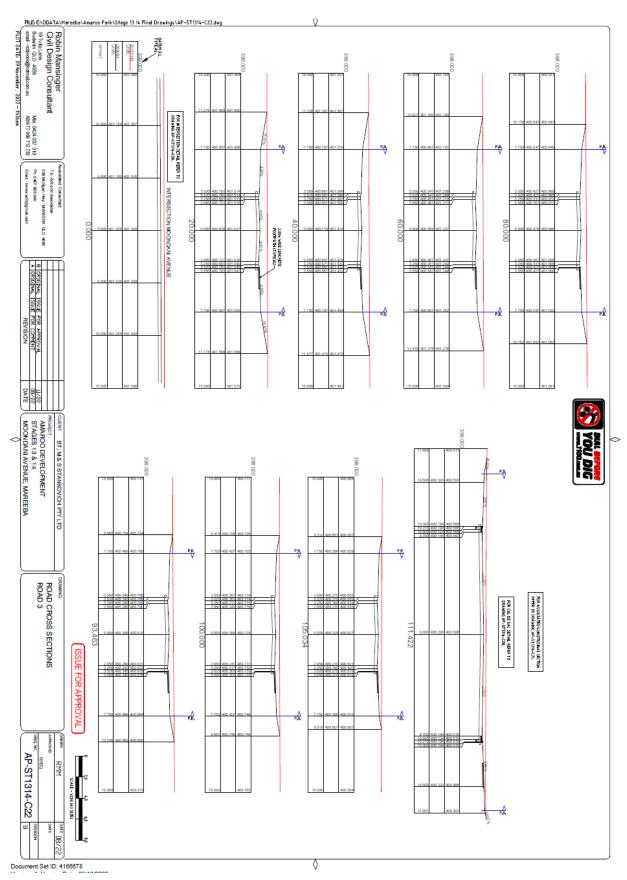


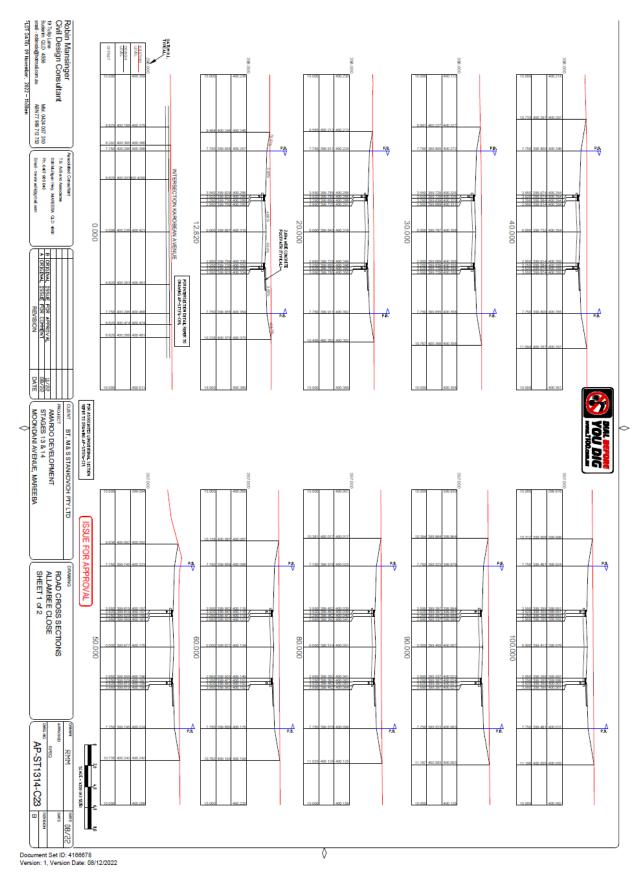


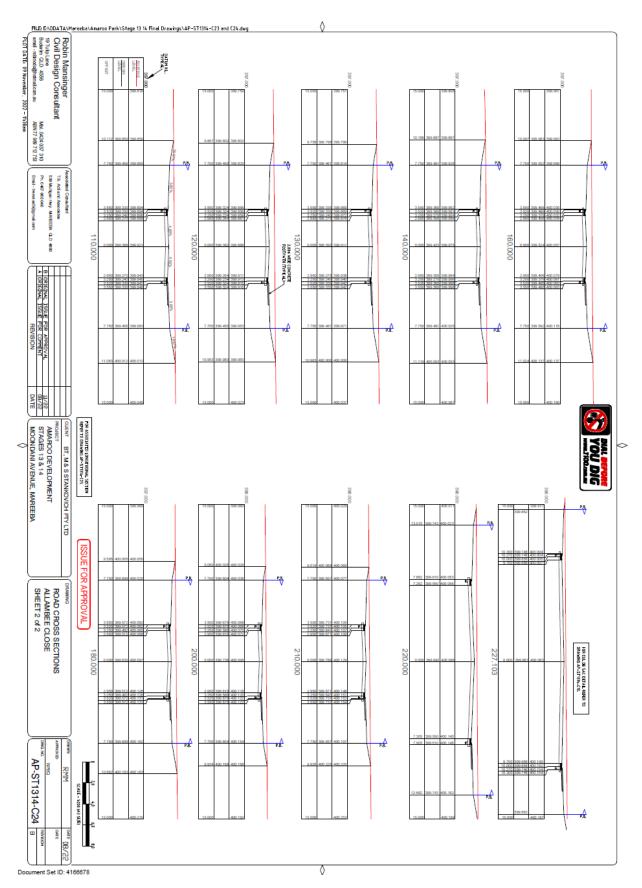


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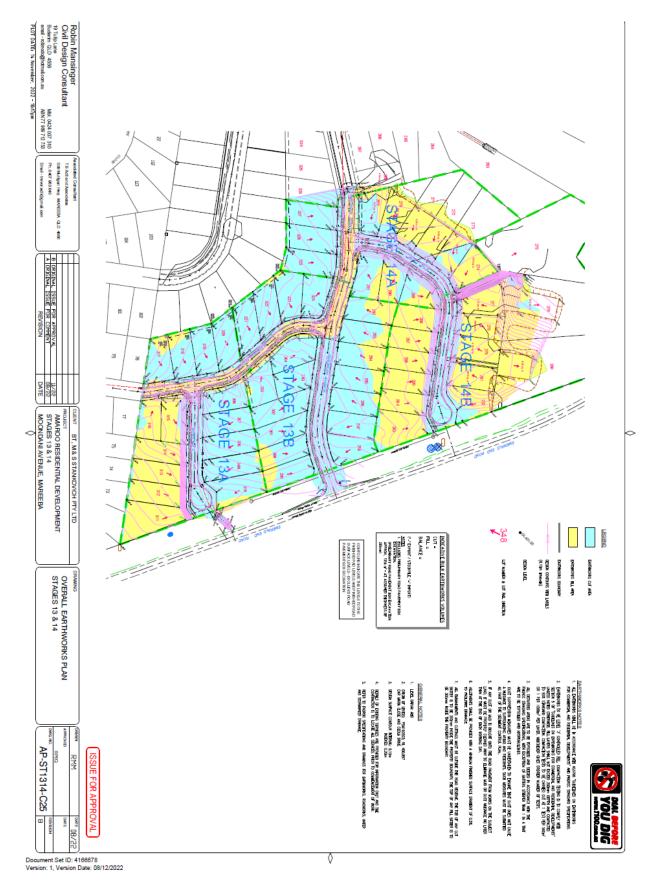




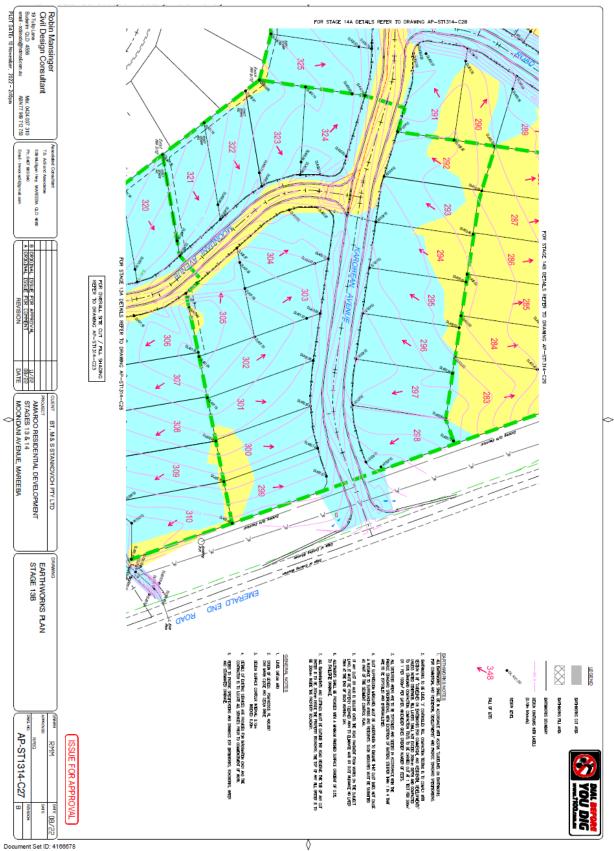


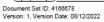


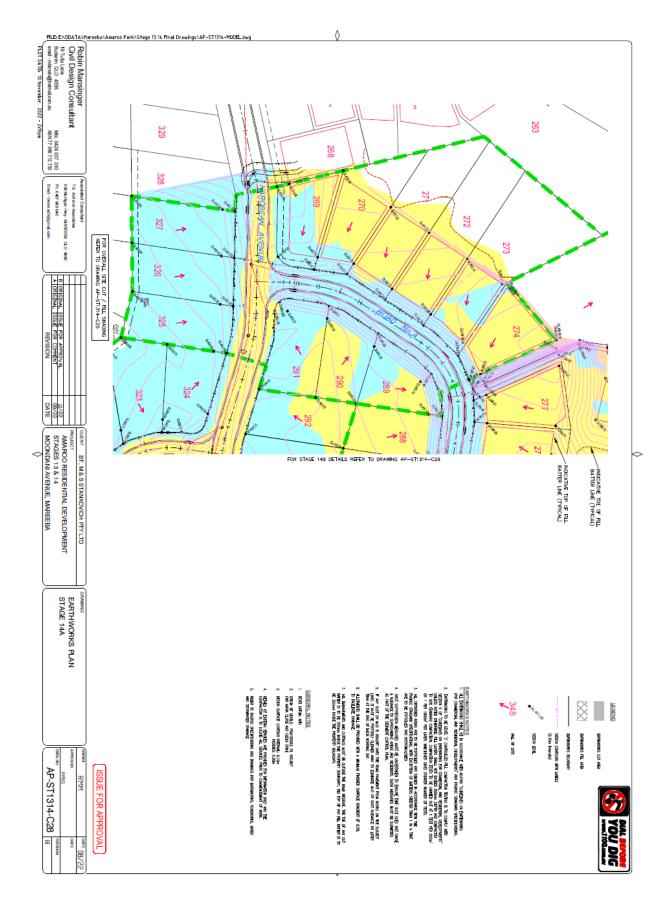
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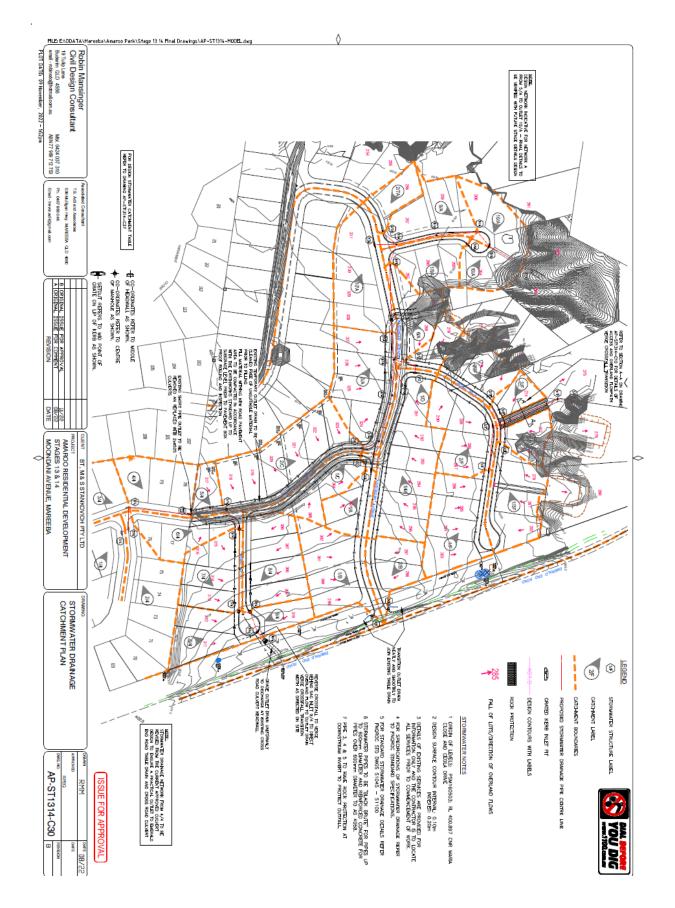


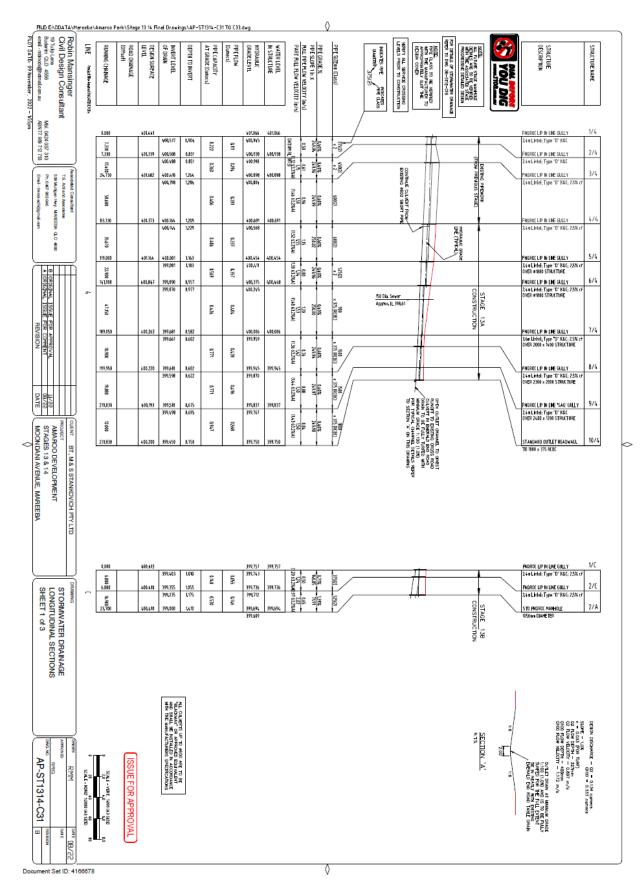


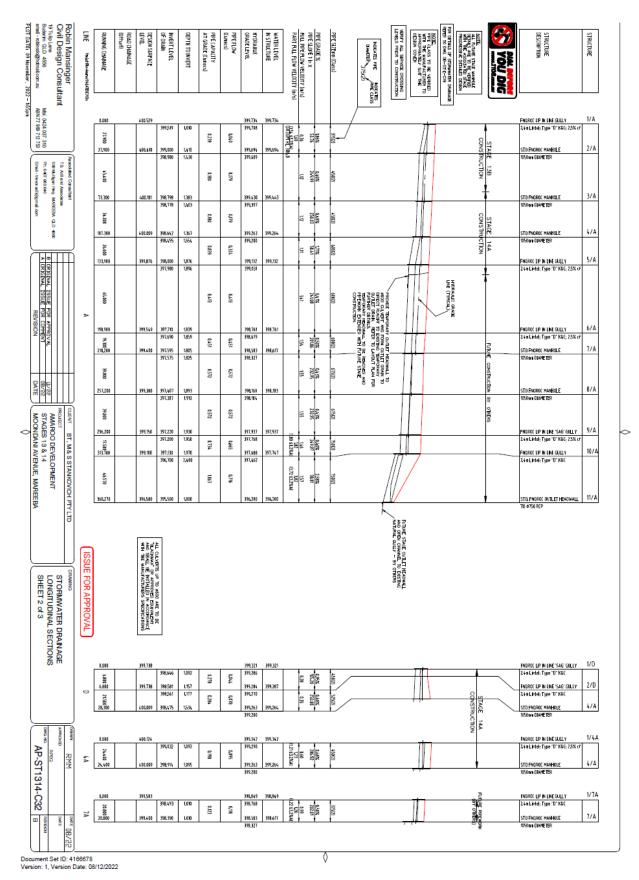


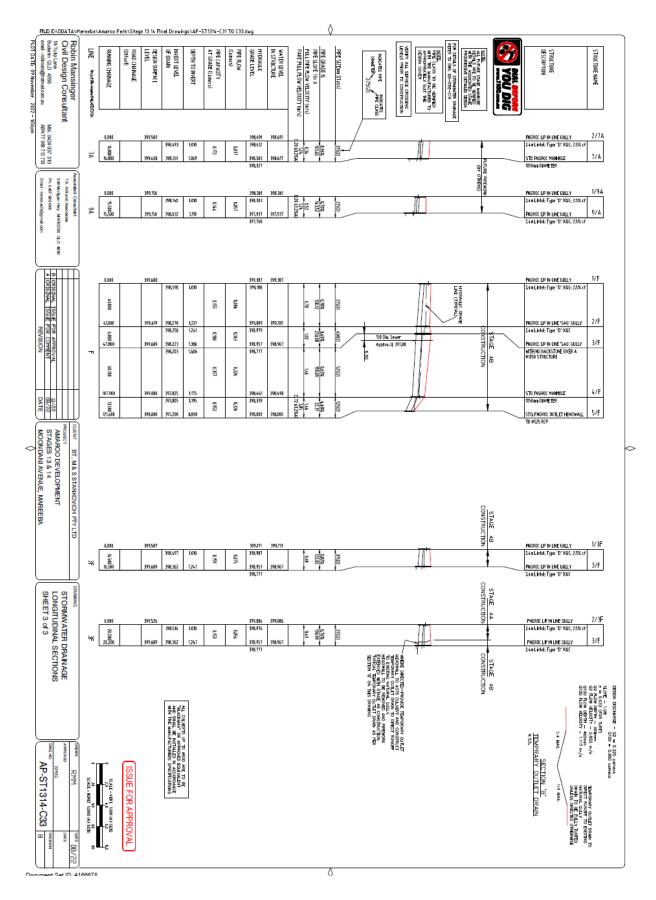












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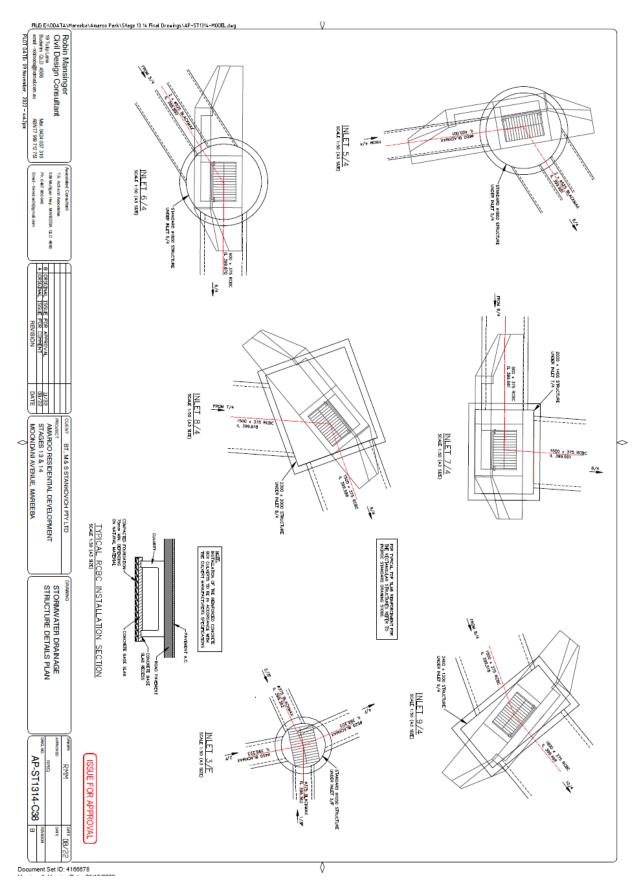
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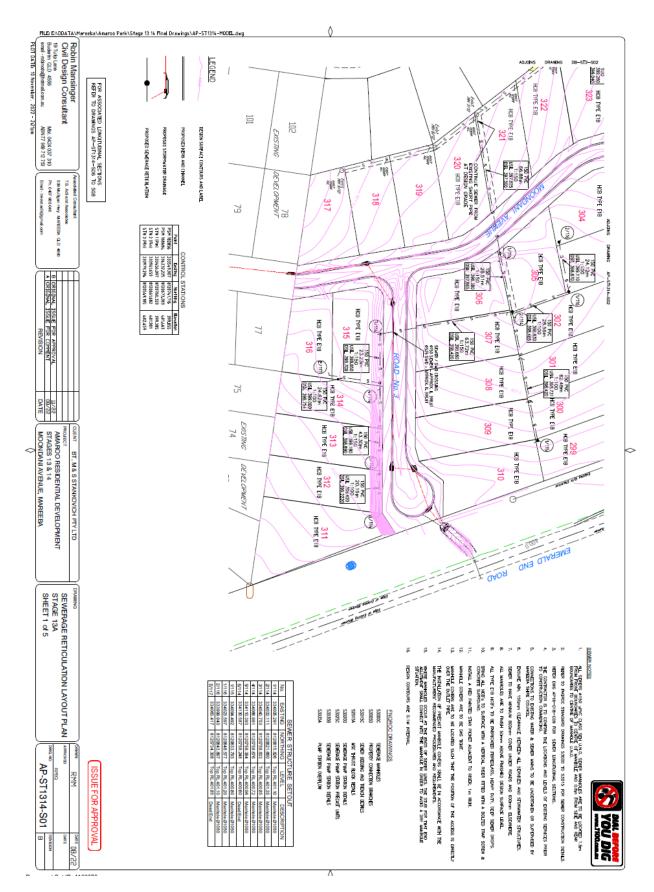
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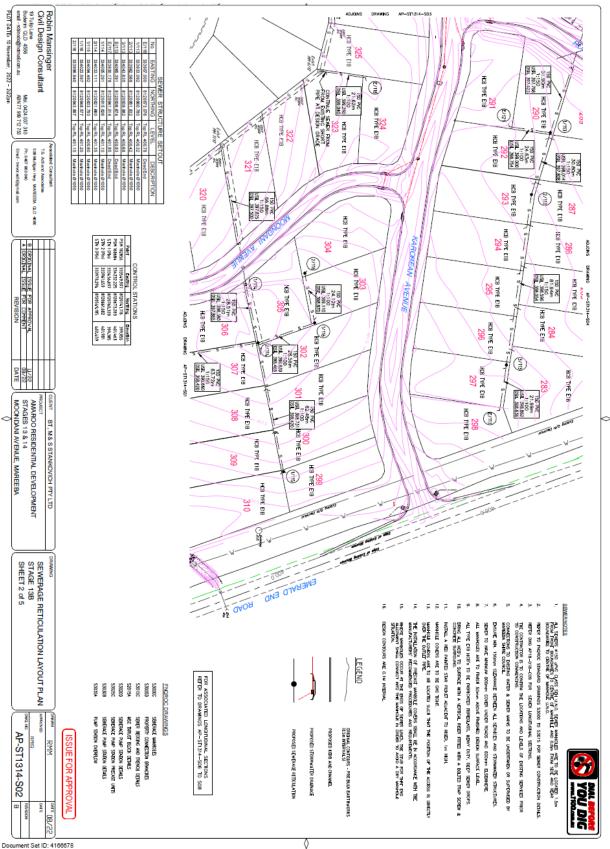
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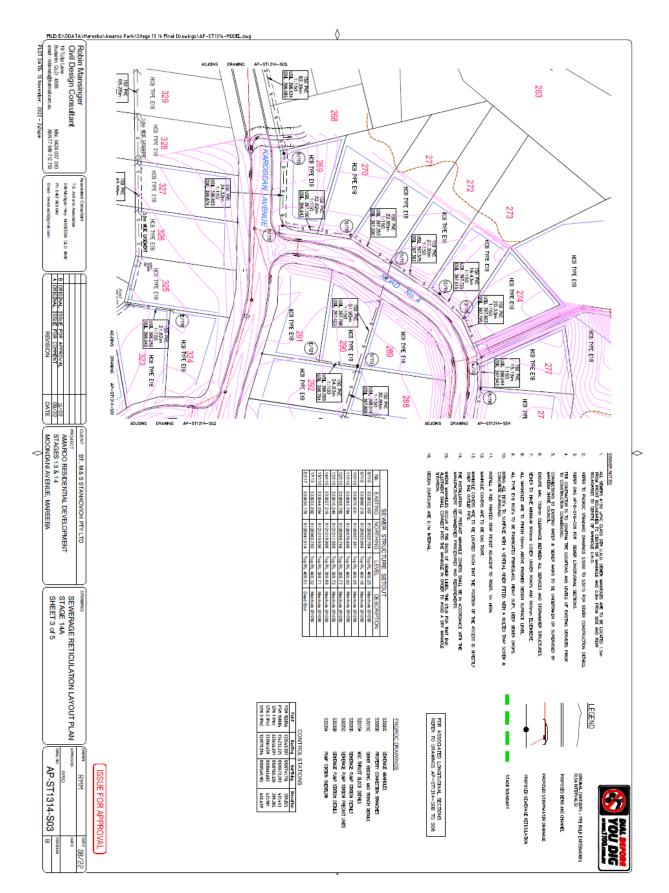
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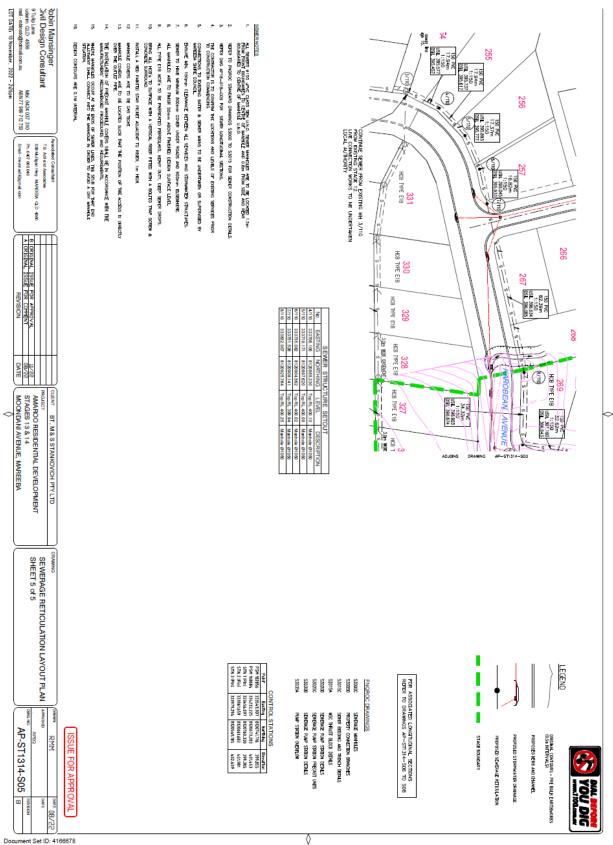
Robin Mansi Civil Design 19 Tulp Lane Buderin QLD 4556 email - retinedo@hdm								Project Flack		<b>fi</b> 3	5 3	*	-	2/6	18	10/A	9/A	1/9A	ALIT	1/14	6/A	SIA	M	2/0	10	11	м	9/18	1/1	WL.	4/4	214	4/4	3/4	2/4	14	NAME	CATCH-
Robin Mansinger Civil Design Consultant 19 Tule Lane Buderm GLD 4556 email - rebinoro@hdmal.com.au								Project File: Anarosti MLA TEST JY, De	1	NIC		0458	650	6271	0.482	131	0.377	6,301	104	153	0.279	659	0.675	0.61	4.07		1429	0.466	0.498	0.726	0.298	6122	0.356	0.627	0.501	0,667	CATCHMENT AREA [ha]	
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ORIGINAL ISSLE FOR APPRO		STO FIGHOU HANHOLE 1950au Quavet Bi	HIGHOIC UP IN LINE SAID GULLY MITHING BALLISTICHE	ENDROCLEPINUME GULLY 24a Lintel Type YO' KSC: 25% ct	FINDROC LIPIN LINE GULLY 24th Lintel Type "0" HSC: 25% cf	FNDROC UP IN LIVE SAG GULLY 7 An Lintet: Type "D" RAC	FINDROC LIP IN LINE GULLY 2.Ko Lintel Type "0" KSC: 2.5% cf	OPDING IN 1216 AND CHAVE	INVERSION OF AN INVER	PROPOS UP IN LINE SAVE GALLY 7/4m Linkel-Type "0" RAC	PAGROCUPINUME GALLY ZAW LINHE Type "D" RAC: 25% of	FINDERIC LIP IN LINE CALLY ZAVE LINE: Type "D" 1980, 225% of	STO INDEXC HANDLE 1954pp (Janet B)	1250 m QUARTER	2 No Linte Type TO MSC 25% of STD Reason Handled	Zier Lintel, Type "0" HJC	24a Lintel Type 10" MSC: 25% of	Executed Type 10" KBC: 2:5	FNDROC LIPIN LIVE GULLY	STD FNDROC HANHILE 105644 (ULHET BR	ENDROCLE IN LINE CALLY ZANA LINTEL Type "O" NSC: 2555 cT	PADROC UP IN UNE SAID GULLY ZAIN LINKE TYPE "O" REC	FNDRX UPINUE SAC GULY Tan Linet Type "0" RC	STO FREEDX HANHLE	STO FRIDOC MANHUE 1954pp (LAVET BR	FINDERSC LIP IN LINE CALLY 24on Linte - Type "D" NAC: 2555 of	ENDROLLE INTERNATIONAL CONTRACT STATE	FNDROC LIP IN LIVE GULLY	FNDROC UP IN LIVE SAVE GULLY ZAN LIVEN, Type "U" HAC	ENDEDCLIPINUME GULLY 2 Valuetet Type 10" KSC: 2554 ct	ENGRAC LEVINUME CALLY 35n Untel; Type TO NGC: 25% cf	FNDRDC LP IN LIVE GULLY 2.40 Lintet Type 10" MBC: 2.5% of	ENDROCLE IN LIVE CULLY Zive Lintel Type YOT MSC: 225K ct	EdST. RydRof, UP IN LINE GULLY 2.4 a Unitet, Type 10" KBC; 2.5% ct	Edst, Rideoc UP M DE GULLY ZAia Unitali Type "O" KBC: 25% d	EdsT, Rvdeor, UP IN LINE GULLY ZXin Linhel; Type "0" BLC	Eqst, Pedeor, UP M LHC GULLY Z.Ke Llebel: Type "0" RBC	THE
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WWAG STORMWATER DRAINAGE CATCHMENT TABLE, STRUCTURES SCHEDULE AND PIPE TABLE			and the second	STD PROBLEM MANDLE	2AN LINE Type TO KIG, 25% of PAGROY UP IN UNE SAVE GULLY	Zvie Linhet Type "D" MECi, ZSX cf Fe0ReC LP IN UNE GULLY	24m Untel; Type 10 <sup>4</sup> BXC	Date Links, Type "D" NEC(25% of Date of 10 to 104 State of 11 Y	740 EX LP H LNE 'SAG' GULLY 2.4n Linht; Type 'D' BAC	HOROCUP IN UNE GULLY 2Xe Linkt Type "O" KBC: 25% of	THORIGUE IN USE GULY ZAN LINKE Type TO HISC: ZSX cf	SITE PROVIDE MANAGER	STD FHORIC HANNOLE 1950m DAVIETER	FIGNOLUP IN UNE GALLY 2 Am Linhet Type "U" KSC; 255% of	PROVIDENCE Type: 10 PROVIDENCE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYP	PORCUP NUCCUT	HORICLE NUME GULY	STO PROJECT MANHOLE	HONCUP NUE SULY	FIGEO UP IN UNE SAC OLLY	PRISO UP NUNE SAG GULLY	SUDHORD DAVETER	ZAR LINE TYPE TO HER, 25% cf	TAU Little Type "0" KSC: 25% of	Repart UP IN UNE KILLY Zwe United Type 10" NSIC; ZSSX cf	2.4n Littel; Type "0" BAC	FROM LEVEL Type "O" NGC 2335 CF	FIDIO UP NINE GILLY	FROM UP IN UNE CALLY 3.6e Unitet Type TO MIC: 2.5% of	2Au Linet Type TT NSC; 23% cf	Report to be the state	HORD IN NUCEULY	AND LIFES THE OF PACE AS A DECIDING THE PACE AND A DECIDING THE PACE AND A DECIDING TO PACE AS A DECIDINA DECIDINA DECIDING TO PACE	EXIST. FNOROC UP IN LIVE QUILY	Exist: Proposit UP IN LINE GULLY 274n Lintel; Type 101 MAC	7.Am Linteis, Type "D" #340	EXIST. FROMING UP IN LINE GUILTY	
CTURES			PIPE TABLE	1	31 M	3/F	N IN	21 F 1	IVA IVA	WA IS	1/9A to S/A	8/4 ho 9/4	7/A to B/A	2/34 10	1/TA to	6/A h	SVA H	4/4.10	THA IS	2/0 to	10 th	J/A to	2/A to	NA NA	217	1004	54 to	al/18	1/4, ho 8/4	7M	1/16	81/12	5 <u>5</u> 5	1/4 M	2/4 ho 3/4	2/4	5 F	2007
A PRIVATE INC. NO.			JBLE JBLOOD	190,000	107166	922.00E	195166	167765	100,165	347.00	393, 150 393, 150	051 NAF 091 TALE	00C166C 00Y56E	00%66 (05%66	399,543	SNS NG	SUPLIKE SUPLIKE	401,005	10100	101100	400,735 399,735	490.001	(0110) (0110)	10110	401413	100,000	10(10)	101720	400.220	401203	1400041	19184	10100 10100	401.682	10125	4-01-339	LEVELS	SURFACE
P 🛱	ISSUEF		1956	5242	20200	35/21	026 000	4100	44.570	17,500	375(2) 15.500	60%0E	69745 (21523	000L01	COSTNL CIFLE	12069	(2)069	6902	A2021	25/2) Math	12055	45610	45021	16,000	1000 1000	× 375 (8080) 12,000	008. 086 61 132361 545 x	608	× 375 (8080)	× 375 (ROBC) 47.150	005 21.1 2.1	2122	1002 1000	690(2)	459(2)	x 2 1330	ENGTH (m)	PIPE
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OWTE 08/22	OVAL		1 1 22	111592	16136,93	1 h 122.85 0.76%	1h 250.00	10120	16 30	10 242	1 A MIL	11 222 ni 1	6A3X	0.95X	16.202	- CSIX	0.40	UNK	2379 2379	6468	10.252	646%	165341	19.70	1 In WORK	10.242.98	6468	646%	646% 16 242%	1h 250.00	6403	6465	646%	2379	96%52 ML	1 In 249.9	SLOPE (1 h x)	PIPE

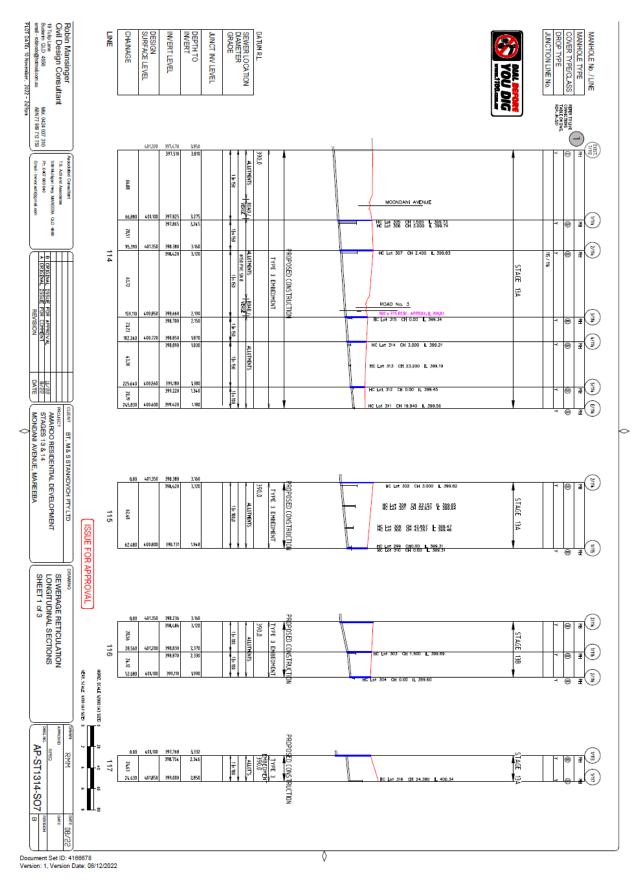


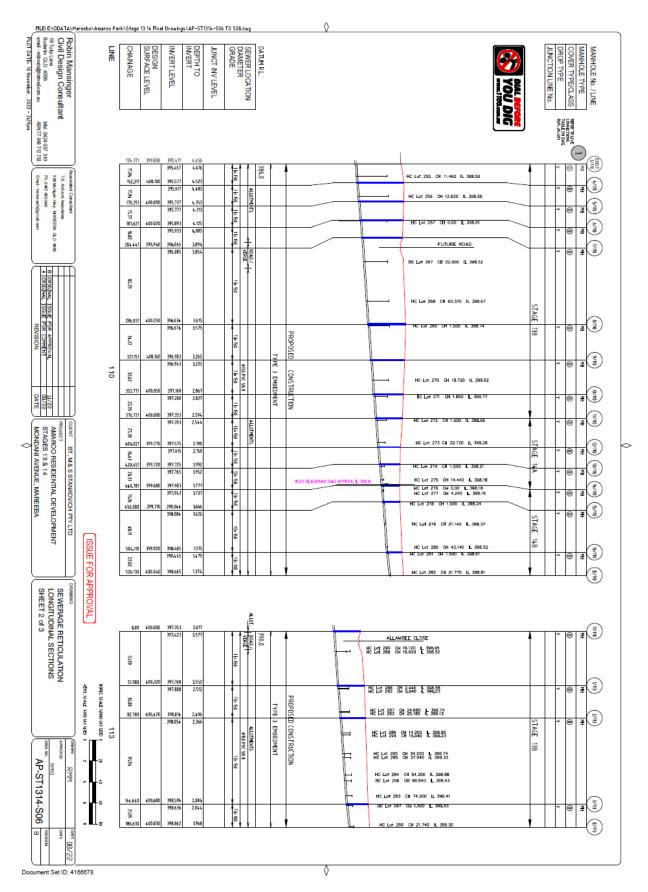


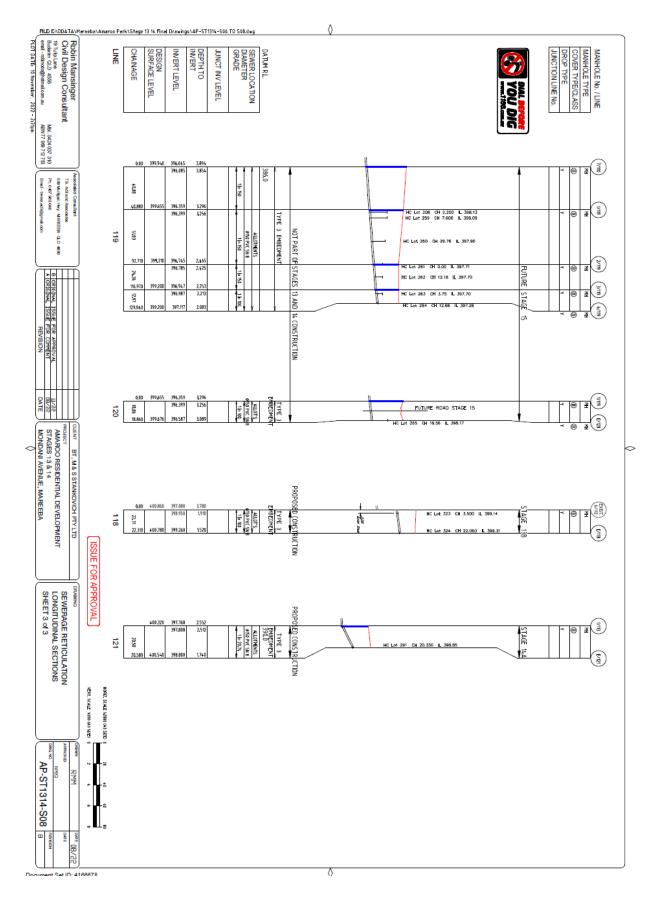


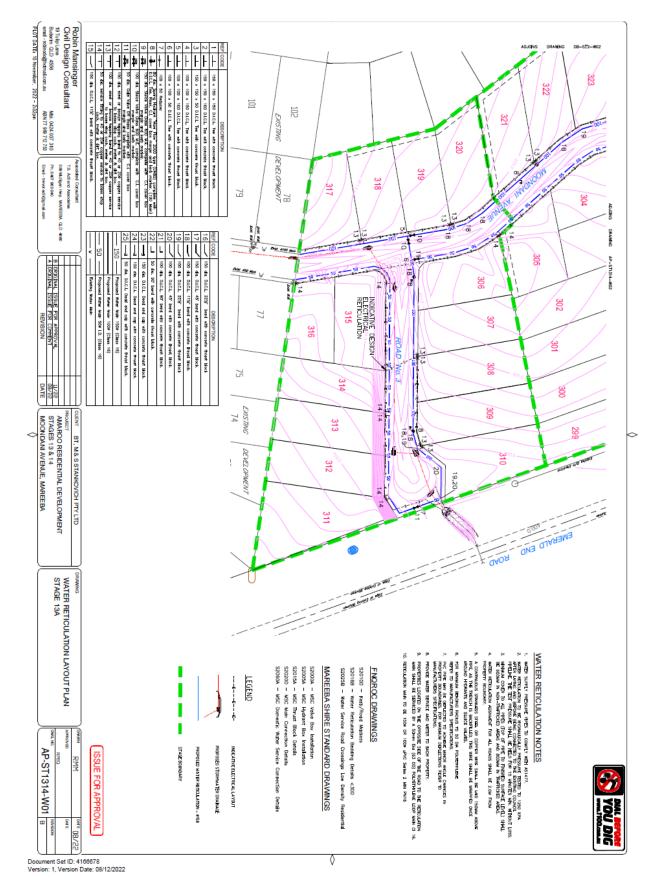


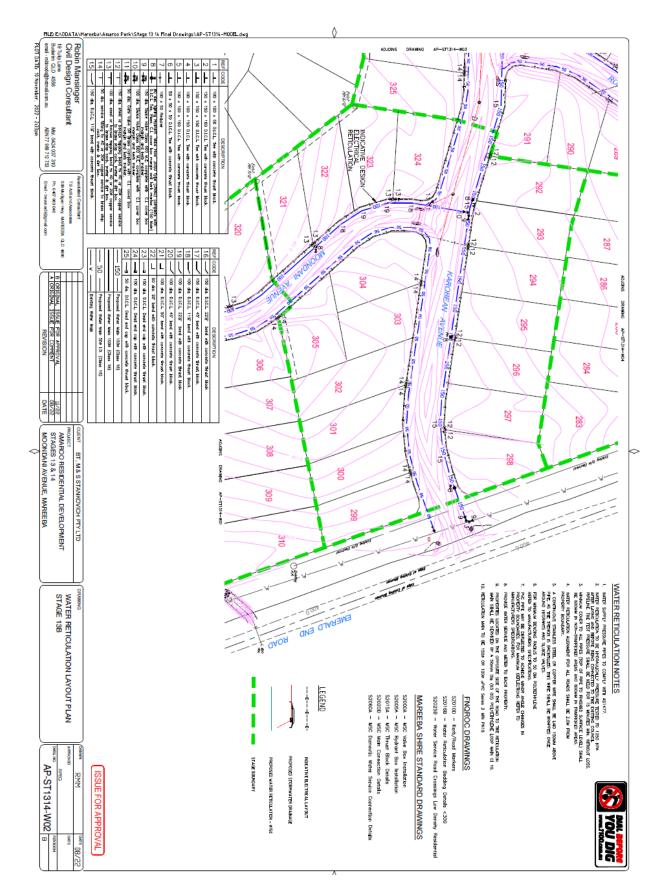


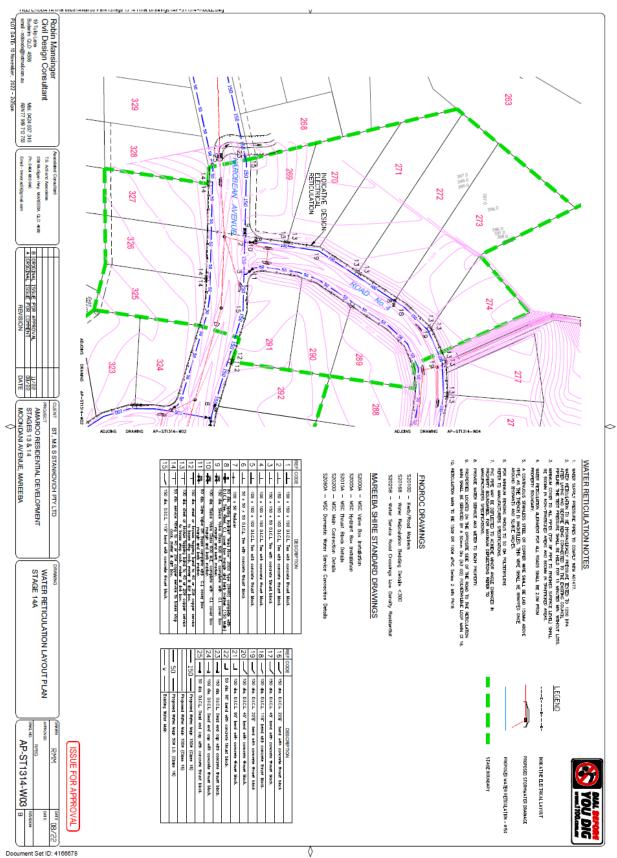


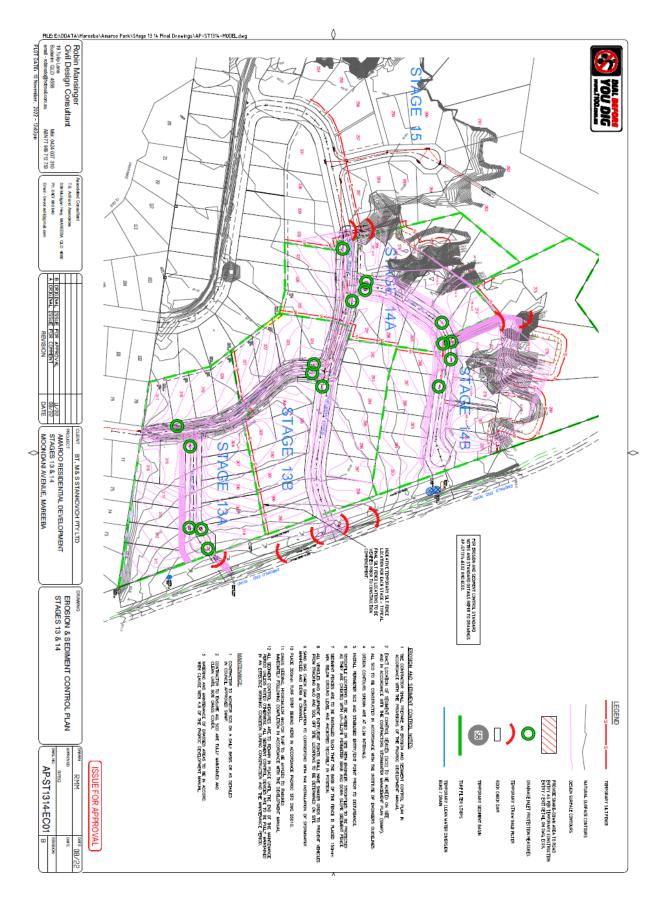












Robin Mansinger Civil Design Consultant 19 Tulp Lare Budern GLD 4556 MeL email - rebinologitedmalk.com.au ARN	NOTE - TESTIN SUPERINTENDE RESULTS MAY	Supplementary	Type 3	Type 2	Classification	Classifica	INSTALLATION INSTALLATION I. REFER TO APPROVED PLANS FOR LOAT AGE OUESTIONS OF PROBLEMS WITH THE L CONTACT THE ENANCE OF PROBLEMS WITH THE L CONTACT THE ENANCE ALL AND SECURE ASIC SESTANCE 2. ENSURE ALL NECESSARY SOLTESTING 3. APPLY SOL CONTINUES AND FEMILE SOLL NOT DI SIOMIT TOMX THE CAMPONENCIAL SOLL NOT DI SIOMIT AND ESCIPTIONS AND FER SIZEDERI, HYDROGONILLOFER, DI DIE FASIBLE 5. ENSURG OFICIAL MARING AND FINIT AND ESCIPTIONS AND ERDADOLST-SEEDING AND SAMPLY SEED ON THE RECOMMENDED RATINE SECTIONS AND PRAY ONLICHER, DIE STANDIGTE DI ONICHICATIONE AND FINITHE SUFFACE TO BRING THE CONSTRUCTION PHASE. INS RANNOFF, PROJOLONG PANYEALL MARE FERSIONICAL ANTE SUFFACE TO BRING THE SEED AND MILCHEOVER 3. WATERING SHOULD START IMMERIAL ENCLORED 3. WATERING SHOULD START IMMERIAL SOLUCING ONLY FOR THE SEED AND MILCH OVER 3. WATERING SHOULD START IMMERTIAL SOLUCING ONLY FOR THE 3. WATERING SHOULD START IMMERTIAL SOLUCING ONLY FOR THE 3. WATERING SHOULD START IMMERTIAL SOLUCING ONLY FOR THE 3. WATERING SHOULD START IMMERTIAL SOLUCING ONLY FOR THE 3. WATERING SHOULD START IMMERTIAL SOLUCY FOR A FURTHER NO 4. (II) 25mm ONCE WEEKLY FOR A FURTHER THE SITE ON ONLY FOR THE 4. (III) 25mm ONCE WEEKLY FOR A FURTHER THE NE 3. (III) 25mm ONCE WEEKLY FOR A FURTHER THE	SPECIFICATIONS FOR SITE REVEGETATION
Ausocited Cenariant T.S. Adl and Ausocites T.S. Adl and Ausocites Mail 0424 007 310 Pin-cerr asison ABN77 989 712 759 Email - tevor aditigrait com	NOTE - TESTING AND (LASSIFICATION MUST BE CO SUPERINTENDENT FOR CONFIRMATION PRIOR TO THI RESULTS MAY VARY ESC CONTROLS.	~ 0.42mm	> 0.14 mm	0.045mm to 0.14mm	Minimum particle size	Classifications of sediment traps based on particle size	INSTALLATION INSTALLATION INSTALLATION INSTALLATION ARE OLDESTORS OF PROBLEMS WITH THE LOCATION, EXTENT, AND APPLICATION DETALL ARE OLDESTORS OF PROBLEMS WITH THE LOCATION, EXTENT, AND APPLICATION DETALL ARE OLDESTORS OF PROBLEMS WITH THE LOCATION, EXTENT, AND APPLICATION OF APP CONTACT THE BURGHEER, LANDSCAPE ARCHITECT OR RESPONSIBLE ON STREE OFF ASSISTANCE. ENSURE ALL NECESSARY SOLL TESTING (e.g., SOLL, H. WITRENT LEVELS) AND AN EDBLOOMERTED, AND RECORPORENTS INTO THE SOLLADUSTIMETS FERFORMED ON THE APPROVED CONTACT THE BURGHENT ON SLOPES STEEPER THAN 21(Hy) WHERE SUCH SAMPLY OT DEFEASIBLE. ENSURE THE SOLL PHIS WITHIN THE SPECIFIED RANGE. 6. APPLY SED ONIFORMENTS INTO THE SOLLADUSTIMETS SEEDERD, DROP TYPE SP COME, AND RECORD HYDOR WITH A CYCLOVE SEEDERD, DROP TYPE SP COME AND APPLY ONE-SHET THE SPECIFIED SUBDIVICE THE APPLY THE SUBJECT THE SOLL PHIS WITHIN THE SPECIFIED SUBDIVICE THE APPLY THE SUBJECT THE SOLL PHIS WITHIN THE SPECIFIED SUBDIVICE THE APPLY THE SUBJECT TO BAD APPLY ONE-SHET EVEN AND AND TO LOCATING THE APPLY THE SPECIFIED SUBJECT THE SOLL PHIS WITHIN THE SPECIFIED SUBDIVICE THE APPLY THE SPECIFIED SUBJECT THE SOLL PHIS WITHIN THE SPECIFIED SUBDIVICE THE APPLY THE SPECIFIES SUBJECT OF AND ONE AT RIGHT ANGLES TO THE FIRST THESE COMMENTS MECHANIC THE SUFFACE TO BANG THE SEED INTO CONTACT WITH THE SPECIFIC AND MULCIPED AND MULCIPED AS SPECIFIED IN THE APPLY THE FIRST THEE WEEKS. WASH AMAY THE SEED AND MULCIPEON FOR THE FIRST THEE WEEKS, AND SUM ONCE WEEKLY FOR A FURTHEER THEN THE WEEKS. AND SUM ONCE WEEKLY FOR A FURTHEER THE WEEKS.	REVEGETATION
MIN d.0 400 B 00000ML ISSLE F0R APPROVA A 00000ML ISSLE F0R APPROVA	BE COMPLETED AND FORWARDED TO TO THE COMMENCING EARTHWORKS.	Coarse Sand	Sand	SIII & Sand	Typical trapped particles Clay, SII & Sand	d on particle size	INSTALLATION INSTALLATION INSTALLATION INSTALLATION INSTALLATION ARE COLORINGE PLANS FOR LOCATION, EXTENT, AND APPLICATION DETALS. F THERE ARE OLIESTIONS OF ROBLERAS WITH THE LOCATION EXTENT, OR METHOD OF APPLICATION CONTACT THE BRAINEER, LANDSCAPE ARCHITECT OR RESPONSIBLE ON SITE OFFICER FOR SERVICE ENSURE ALL NECESSARY SOLL TESTING (e.g. SOLL,PL, NUTRENT LEVELS) AND ANALYSIS HAS BEENV CONFERENT AND RECURED SELFICING SOLL OUT DISFORM TORING THE COLORIMETS REFERRINGED PROPE TO PLAYING AVMEDIATE POSSIBLE. THERE SHOULD BE SUFFICIENT SOLL OPEN TO PROVIDE PANASIS OFFICIES TAND RECORDER SELFICING SOLL OUT DISFORM TORING THE SOLL OFFICIENT SOLL OPEN TO PROVIDE PANASIS SOLL OF TO SIGNM TORING THE SOLL OFFICIENT SOLL OPEN TO PROVIDE PANASIS OFFICIENT TO POSOLOFING STREAMEL LAYERS SOLL AS UNLY DEAL PORTO SOLL OFFICIENT TO POSOLOFING SUBJECT ON SUCRESSIVE SOLL OPEN MAY SOLL OFFICIENT TO POSOLOFING SUBJECT THE SOLL AND TO LOOSEIN AND ROUGHEN THE SOLL OPEN TO POSOLOFING SUBJECT THE SPECIFED RANGE. S. RAPELY SEED UNFORMALY BY HAND OR WITH A CYCLONE SEEDER, DRIOF TAPE SPREADER, S. RAPIET SEED AND MARKING AND	
CUENT BT, M& STANKOVICH PTV LTD MAKET BUZZZ STAGES 13 & 14 MOONDANN AVENUE, MAREEBA						WITH AN APPROVED PRODUCT. SPREAD MOIST TOP SOLL OVER EXPOSED ROOTS FOR CENERAL SEDIMENTAND EXISTING CONTROL DETAILS REFER TO DRAWING AP-STISIG-ECOL	<ol> <li>MONTOR SITE REVEGETATION, PARTCULARLY AFTER RANIFALL AND APPROPRIATE MARTENANCE AND/OR ANEDMIAT TO ENSURE THAT THE REVEGETATION SO ON PROLING EROSON AND STAULISMS 2013. LOPES AS REQUIRED.</li> <li>SWHERE PRACTICABLE, FLU, N. OR LEVEL OUT, ANY RILL EROSON DERWEEN PLANTS, JE ENCESSIVE EROSON CONTROL MASSURES, OR INTRODUCING ALTERNATIVE, NON-CLUMPNO PLANT SPECIES</li> <li>A PARAS, MUST ER FEISCED AND MULCHED F. THE VEGETATION FALLS TO ESTABLISH OR SAMAGED BY FAINORF OR CONSTRUCTION NCTITTES.</li> <li>T. JE THE FERMANIBIT VEGETATION SHOLD FAIL TO ESTABLISH OR TO ADEOUATELY RESTRU EROSON FOR ANY FEASON USING THE ANARYSIS SHOLD FOR CONTROL, MEASURE &amp; A MUCH COVER SHOLD FALL FOR ANY FEASON USING THE ONE FINANCE FROM OR TO ADEOUATELY RESTRUTO COVER; THEIR IT MUST BE REPORE ESTABLISH ON TO ADEOUATELY RESTRUM EROSON FOR ANY TEASON USING THE CONSTRUCTION OR NAMI TENANCE FRENCE FERIO. THE AREA SHOLD BE REPORTATION SHOLD FAIL TO ESTABLISH OR TO ADEOUATELY RESTRU EROSON FOR ANY TEASON USING THE CONSTRUCTION OR NAMI TENNOE FERIOL. THE AREA SHOLD BE REPORT.</li> <li>I. THE FERMANIBIT VEGETATION SHOLD FAIL TO ESTABLISH OR TO ADEOUATELY RESTRU EROSON FOR ANY TEASON UDING THE CONSTRUCTION OR NAMI TEAMCE FERIO. THE AREA SHOLD BE REPORT.</li> <li>I. THE FERMANIBIT VEGETATION SHOLD FAIL TO ESTABLISH OR TO ADEOUATELY RESTRU EROSON FOR THE OFTAILER OF RANDON THE AND CONFERSEDED AND FERTILISED USING HALF THE ORDINALLY SPECIFIED BATES. OR AS CHECKED AND FERTILISED USING HALF THE ORDINALLY SPECIFIED THAT IS A MUNITARING TO EMOLYTIC THE FEMANOERY IN AREAS WHERE THE ORDINAL THE SIDE SINCE SHOLD BE ORDING SPECIES. OR UNTL THE TRANOPARY IN HERE MULCHING SERVED END TO ADOUTH FOR THE UNDERLYNN PERMANENT VEGETATION AND THE INCOMENT FOR SULCOVERT OF THE UNDERLYNN PERMANENT IN HERE MULCHING SERVED RED GROWTH IN SPECIES. OR UNTL THE EBID OF THE SPECIES AND THE VALUE PERDOD.</li> <li>I. THERE COLLARS TO END ON TEXCEEDING AT INSPECIAL AND WHERE NEED OR ANTI- SI A APPLY ADOVERS.</li> <li>I. REMAIN PARTICIPANE</li></ol>	MAINTENANCE CONT.
GENERAL NOTES PLAN						σ	PRIATE DUMTROLLING UNITSCIENT ISBITT, APR INIG ISBITT, APR INIG ISBITT, APR INIG ISBITT, APR INIG ISBURS ISBITT ISBURS ISBITTO UNITCHES ISBITTO ISBURS ISBITTO ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBITTO ISBURS ISBURS ISBITTO ISBURS	
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