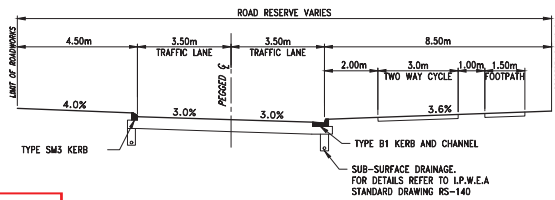


5	ET	1
	A	



Date: 24/08/2018



NOTE:
ALL YERGE PROFILES ARE TO BE IN ACCORDANCE
WITH LCC STANDARD DRAWING 8-00391.

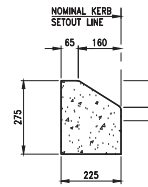


Figure 1 shows a cross-section of a concrete curb. The curb has a total height of 275 mm and a base width of 450 mm. The top width is 150 mm, and the base width is 110 mm. The curb is labeled 'NOMINAL KERB SETOUT LINE'.

ROAD RESERVE 32m

PROPERTY BOUNDARY

4.35m

16.50m

5.00m

3.50m

3.50m

8.50m

4.0%

3.2%

4.0%

3.0%

3.0%

6.0%

2.5%

TRAFFIC LANE

TRAFFIC LANE

TWO WAY CYCLE

FOOTPATH

TYPE SMS KERB

TYPE B1 KERB AND CHANNEL

SUB-SURFACE DRAINAGE.

FOR DETAILS REFER TO I.P.W.E.A. STANDARD DRAWING RS-140

Diagram illustrating the outlet structure of a culvert. The structure features a 1:1 batter (slope) and a length of 5m. The outlet is labeled "PE DIAMETER". The structure is designed to extend 60m or 1m past the bottom of the batter, whichever is greater.

Diagram illustrating the cross-section of a roundabout structure. The structure consists of a central circular area (R9.0m) and an outer circular area (R20.0m). The central area is labeled "D4-5 SIGN". The outer area is labeled "PROVIDE 200mm THICK LAYER OF COMPACTED GRAVEL WITH TWO-COAT PRIMER SEAL". The outer edge is labeled "TEMPORARY FENCING PLACED 2.0m BEHIND EDGE OF GRAVEL". The bottom edge of the structure is labeled "250mm x 250mm CONCRETE EDGE STRIP AT END OF PAVEMENT".

Figure 1 shows a typical cross-section of a road. The road has a 4.0% cross-slope on both sides, leading to a central road reserve. The road width is 8.0m, and the road reserve width is 4.0m. The road is labeled 'ROAD RESERVE' and 'ROAD'.

Diagram illustrating the proposed stage and future stage of a river channel. The diagram shows a cross-section of a river channel with a 'PROPOSED STAGE' and a 'FUTURE STAGE'. The 'PROPOSED STAGE' shows a 'STAGE BOUNDARY' with a width of 5.0m. The 'FUTURE STAGE' shows the channel widening and deepening. The 'EXISTING SURFACE' is indicated by a dashed line. The 'CUT BATTER' is shown with a slope of 1 IN 2 TO EXISTING. The 'FILL BATTER' is shown with a slope of 1 IN 2 TO EXISTING.

The diagram shows a cross-section of a road surface. On the left, there is a section labeled "EXISTING PAVEMENT". To its right is a section labeled "NEW PAVEMENT". The transition between them involves a cut and overlay process. A vertical line marks the "EDGE OF EXISTING ASPHALT". Dimensions are indicated as follows:

- A horizontal dimension of "300mm AC OVERLAP" is shown from the edge of the existing pavement to the start of the new pavement.
- A horizontal dimension of "300mm" is shown from the edge of the existing pavement to the end of the new pavement.
- A horizontal dimension of "200m min." is shown from the edge of the existing pavement to the end of the new pavement.

Text instructions above the diagram state: "SAW CUT AND REMOVE EXISTING ASPHALT AND LAY NEW ASPHALT OVER EXISTING PAVEMENT".

The diagram shows a cross-section of a road construction project. The existing pavement structure consists of an 'Existing A.C. Seal' on top of 'Existing Pavement', which sits on 'Existing Subgrade'. The 'Extent of Existing Full-Depth Pavement' is indicated by a horizontal line. The proposed construction includes 'AC SURFING', 'BASE COURSE', 'SUB-BASE COURSE', and 'SUBGRADE REPLACEMENT CBR'. The 'OVER-TRIM' is 500 units, and the 'CUT-BACK' is 500 units.

LOCAL AUTHORITY:	ECONOMIC DEVELOPMENT QUEENSLAND
EDQ FILE REF NO:	DEV2012/402
RP DESCRIPTION:	LOT 908 RP819216
PARISH/COUNTY:	MACLEAN/UNDULLAH
ORIGIN:	PM107142 (RL39.078)
HORIZONTAL DATUM:	MGA

[illegible]

NAME Jason Harley
RPEQ 5665

Jason Harley

Approved by for and on behalf of Meinhardt

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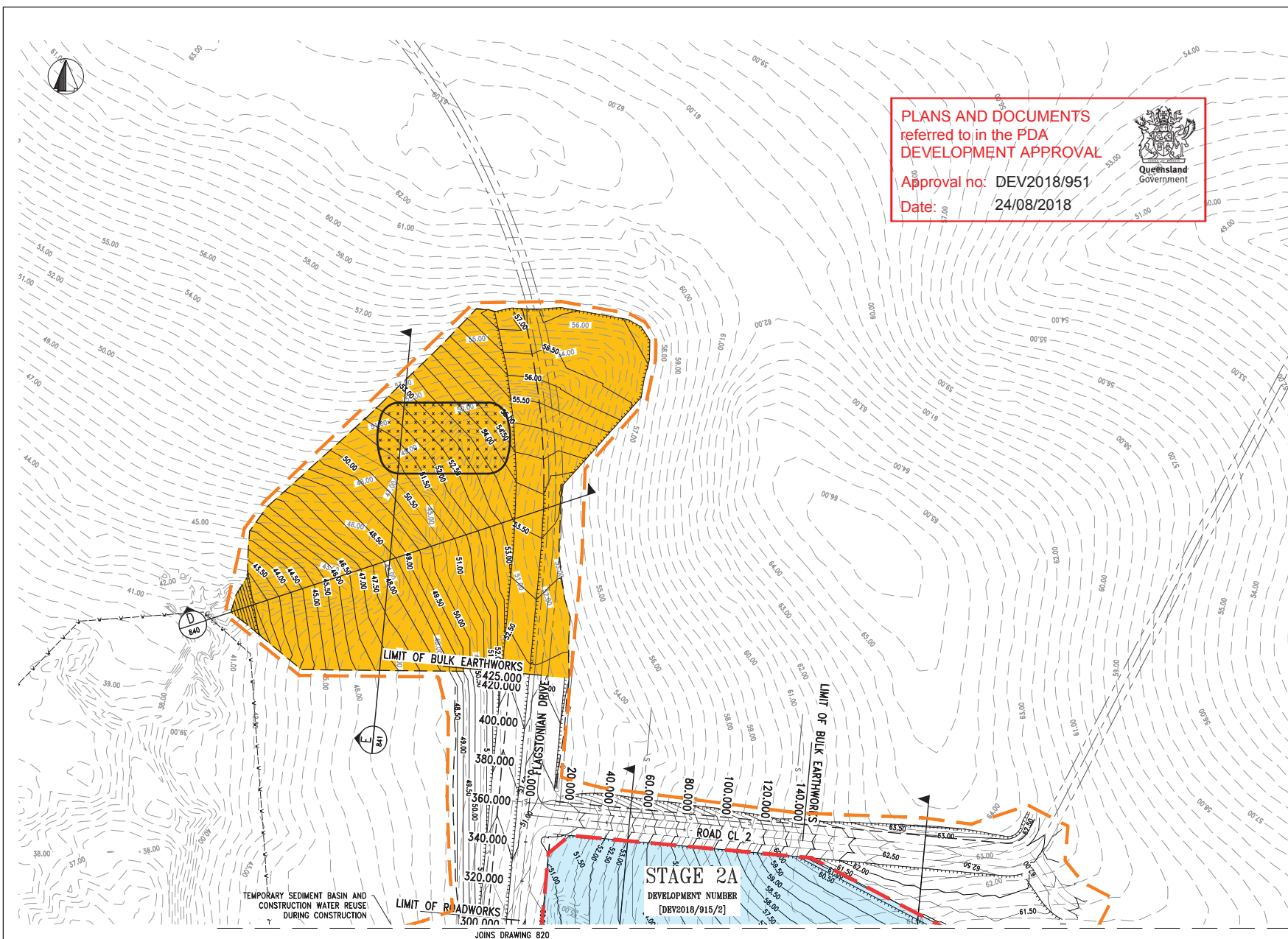
TITLE	TYPICAL SECTIONS & KERB DETAILS
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td.	PROJECT FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B) OP WORKS ECONOMIC DEVELOPMENT QUEENSLAND
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STATUS

APPROVAL
NOT FOR CONSTRUCTION

DESIGNED NM	DRAWN LH	APPROVED JaH	DATE 26.07.18	SCALE @ A1	SHEET 1 of 1
PROJECT No 119109		DRAWING No C1-S2-CIL-804			REV A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/951
Date: 24/08/2018

Queensland
Government

- LEGEND**
- 15 FINISHED SURFACE CONTOURS
 - 12 EXISTING SURFACE CONTOURS
 - NOMINAL KERB LINE
 - 13.48 FINISHED SURFACE LEVEL
 - EX13.48 EXISTING SURFACE LEVEL
 - TOP OF BATTER
 - TOE OF BATTER
 - STAGE BOUNDARY
 - EARTHWORKS BOUNDARY
 - TOP OF LOT BATTER
 - TOE OF LOT BATTER
 - TOP OF WALL LEVEL
 - EXISTING SEWER
 - EXISTING STORMWATER
 - EXISTING WATER
 - SWALE DRAIN
 - TREE TO BE RETAINED
 - PROPOSED FILL LOCATION
 - TEMPORARY STOCKPILE ZONE

- NOTES**
- REFER TO DRAWING 820 FOR NOTES.
 - LEVELS IN PROPOSED FILL LOCATION ARE INDICATIVE ONLY, TO BE CONFIRMED PRIOR TO CONSTRUCTION.

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LA	JHT	15/07/18



veris

BRISBANE
MACKAY

PROSPERINE
CANNING

VERIS
VERIS
VERIS

VERIS
VERIS
VERIS

NAME Jason Harley
RPEQ 5665

Jason Harley

Approved by, for and on behalf of Meinhardt

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CLIENT

PEET FLAGSTONE CITY Pty. Ltd.

TITLE

EARTHWORKS LAYOUT PLAN
SHEET 2 OF 2

PROJECT

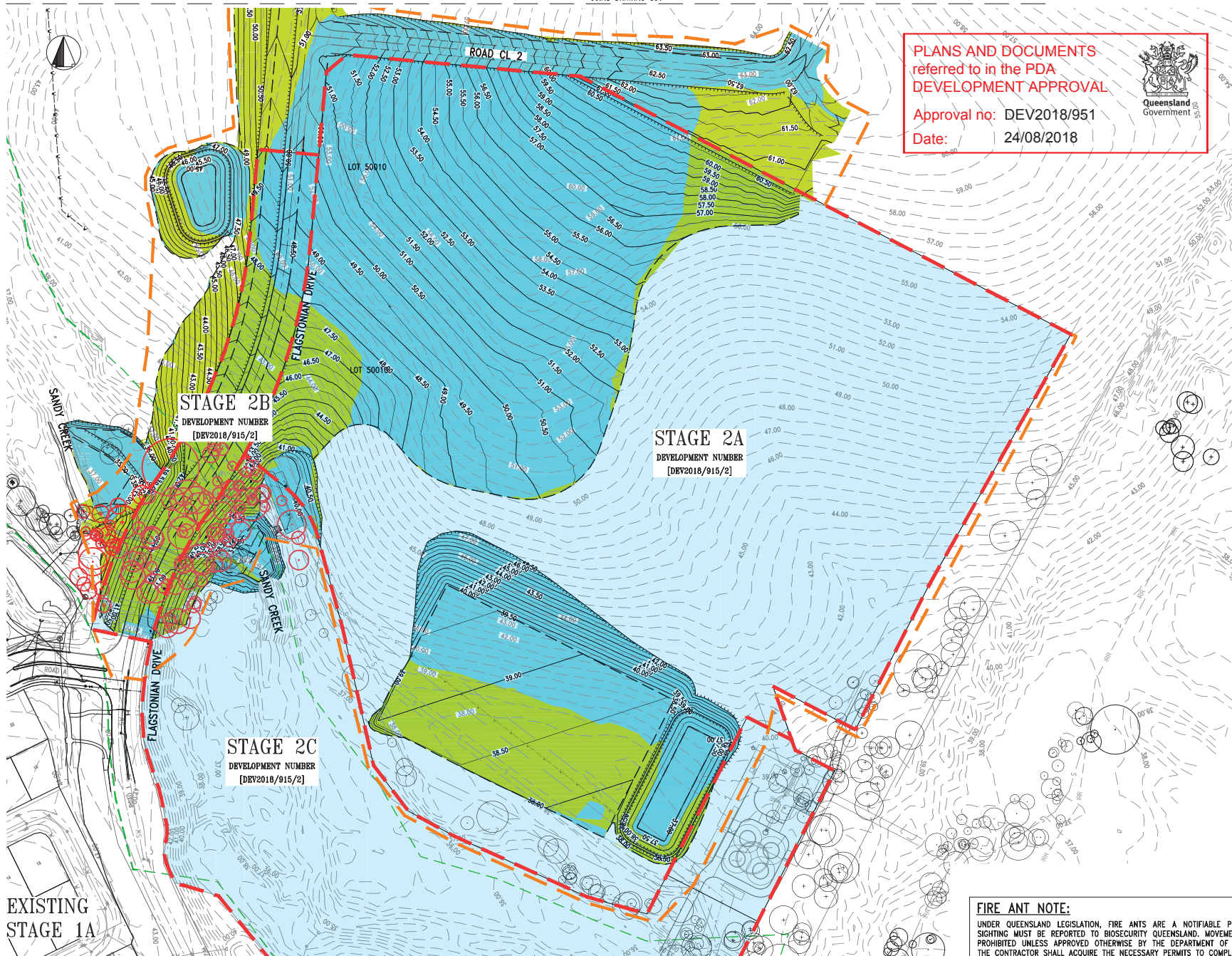
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS
ECONOMIC DEVELOPMENT QUEENSLAND

STATUS

APPROVAL
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
NM	LH	Jah	26.07.18	1:500	2 of 2

PROJECT NO	DRAWING NO	REV
119109	C1-S2-CIL-821	A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/951

Date: 24/08/2018



LEGEND

- NOMINAL KERB LINE
- - - EXISTING KERB LINE
- TOP OF BATTER
- - - TOE OF BATTER
- 12.0 FINISHED SURFACE CONTOURS
- - - 12.0 EXISTING SURFACE CONTOURS
- FILL AREAS
- CUT AREAS
- - - STAGE BOUNDARY
- - - EARTHWORKS BOUNDARY
- + TREE TO BE RETAINED
REFER CURRENT APPROVED
VMP DOCUMENTED BY SHG.
- + TREE TO BE REMOVED.
REFER CURRENT APPROVED
VMP DOCUMENTED BY SHG.
- - - REMNANT VEGETATION

EARTHWORKS NOTES

- REFER DRAWING 800 FOR GENERAL NOTES.
- ALL DESIGN LEVELS AND CONTOURS SHOWN ARE FINISHED SURFACE LEVELS AND INCLUDE A 150mm ALLOWANCE FOR TOPSOIL.
- ALL DIMENSIONS ON THE JOB ARE IN METRES UNLESS SHOWN OTHERWISE.
- NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION. SIMILARLY, FINISHED SURFACE CONTOURS FOR ALLOTMENTS MAY BE ADJUSTED BY A WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION (REFER JOB SPECIFICATION).
- ALL STRUCTURAL FILL MATERIAL PLACED SHALL BE COMPACTED TO THE FOLLOWING MINIMUM DENSITY IN ACCORDANCE WITH THE PROJECT SPECIFICATION:
: 75% DENSITY INDEX FOR NON-COHESIVE MATERIAL
: 85% FOR COHESIVE MATERIALS
- THE CONTRACTOR IS TO ENSURE THAT NO PONDING OCCURS DURING CONSTRUCTION AND IN THE FINAL PROFILE.
- SITE EARTHWORKS SHALL GENERALLY BE CARRIED OUT IN ACCORDANCE WITH AS 3798-2007.
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING EARTHWORKS AS DEFINED IN AS 3798-2007 SHALL BE REMOVED & REPLACED. THE SUPERINTENDENT SHALL BE NOTIFIED PRIOR TO EXCAVATING ANY UNSUITABLE MATERIAL.
- SWALE INVERTS SHALL BE GRADED TO DRAIN FREELY TO ASSOCIATED FIELD INLETS, ALL SWALES ARE TO BE TOPSOILED AND TURFED
- ALL BATTERS BETWEEN 1:4 & 1:6 ARE TO BE FULLY TURFED TO PREVENT SCOUR & EROSION. ANY BATTER 1:4 & 1:3 TO BE HEAVILY LANDSCAPED & ANY BATTERS STEEPER THAN 1:3 ARE UNDESIRABLE.
- ALL EARTHWORKS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH APPROVED VEGETATION MANAGEMENT PLANS AND APPROVALS.
- REFER TO APPROVED VEGETATION MANAGEMENT PLANS PREPARED BY SAUNDERS HAVILL GROUP, FOR CLEARING STAGES AND PROCESS.

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

EXISTING
STAGE 1A

STAGE 2B
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2A
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2C
DEVELOPMENT NUMBER
[DEV2018/915/2]

10 0 10 20 30 40 50m
1 : 1000 (FULL SIZE A1)



NAME Jason Harley
RPEQ 5665

Approved by, for and on behalf of Meinhardt

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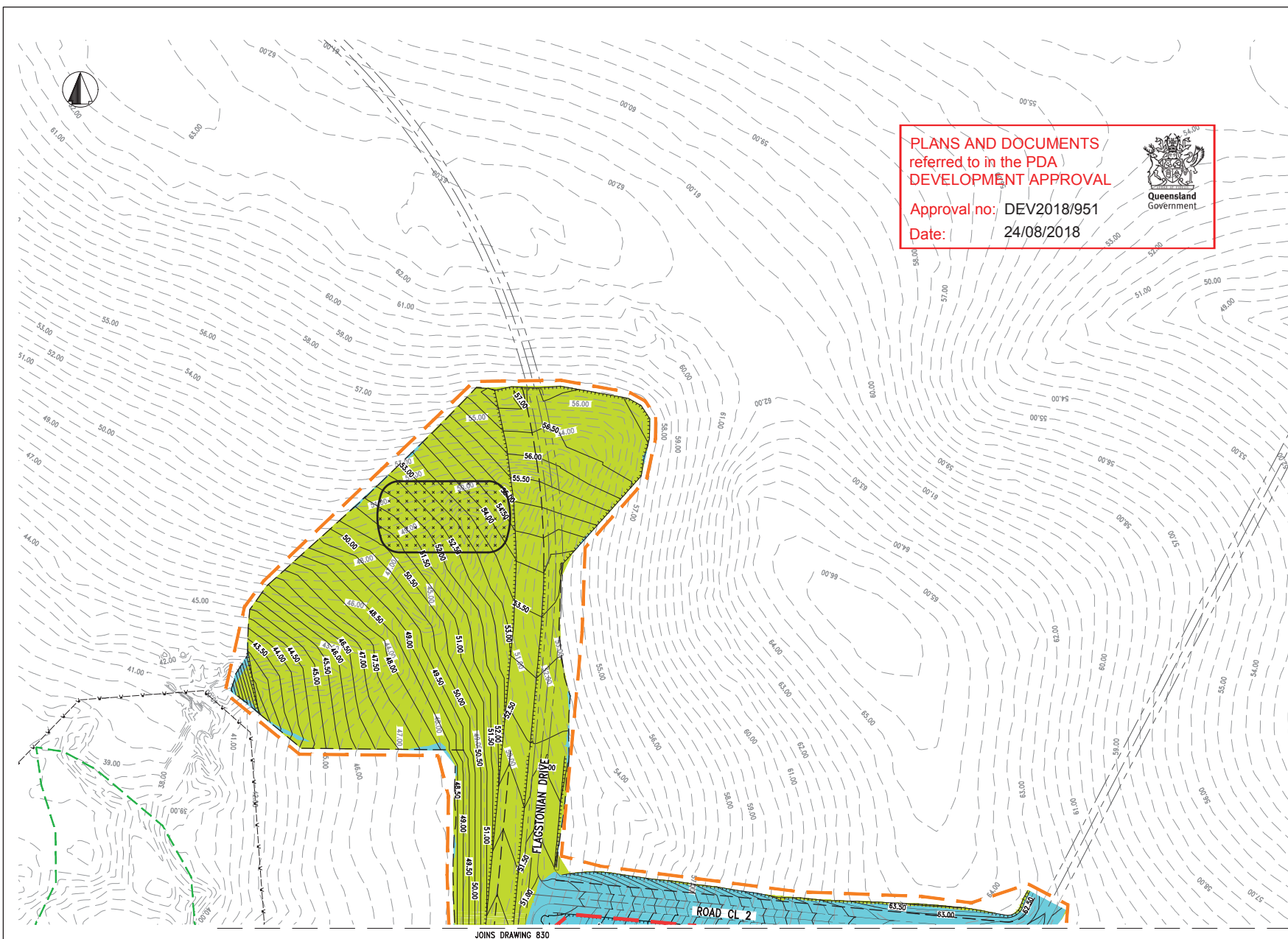
CLIENT
PEET FLAGSTONE CITY Pty. Ltd.

TITLE
EARTHWORKS CUT & FILL PLAN
SHEET 1 OF 2

PROJECT
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS
ECONOMIC DEVELOPMENT QUEENSLAND

STATUS
APPROVAL
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
NM	LH	JuH	26.07.18	1:500	1 of 2
PROJECT NO	DRAWING NO	REV			
119109	C1-S2-CIL-830	A			



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/951
Date: 24/08/2018



LEGEND

- NOMINAL KERB LINE
- EXISTING KERB LINE
- TOP OF BATTER
- TOE OF BATTER
- 12.0 FINISHED SURFACE CONTOURS
- 12.0 EXISTING SURFACE CONTOURS
- FILL AREAS
- CUT AREAS
- STAGE BOUNDARY
- EARTHWORKS BOUNDARY
- TREE TO BE RETAINED
- REMNANT VEGETATION
- TEMPORARY STOCKPILE ZONE

EARTHWORKS NOTES

- REFER DRAWING 830 FOR EARTHWORKS NOTES.
- LEVELS IN PROPOSED FILL LOCATION ARE INDICATIVE ONLY, TO BE CONFIRMED PRIOR TO CONSTRUCTION.

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LH	JHT	26/07/18

10 0 10 20 30 40 50m
1 : 1000 (FULL SIZE A1)



NAME Jason Harley
RPEQ 5665
Jason Harley
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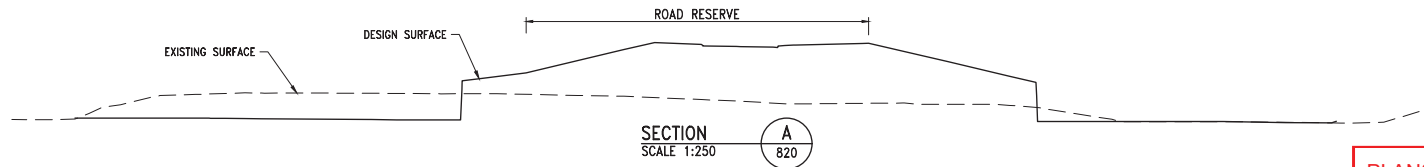


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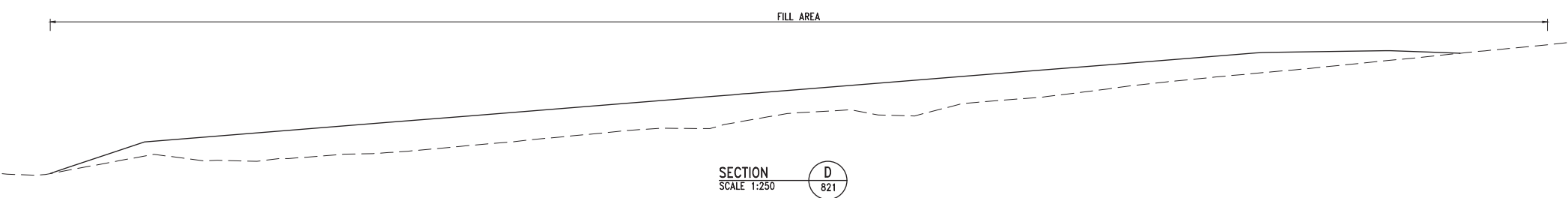
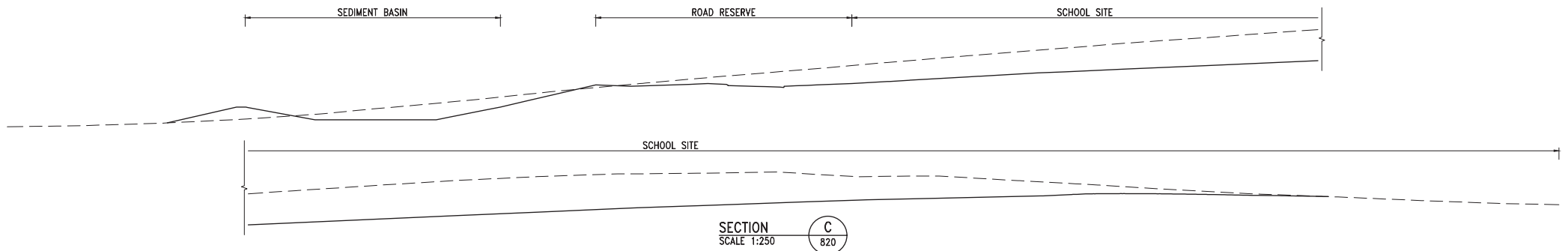
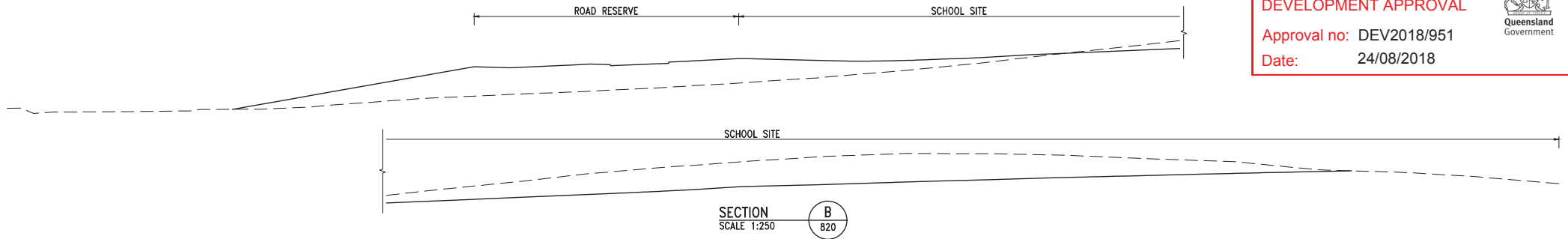
CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
TITLE
EARTHWORKS CUT & FILL PLAN
SHEET 2 OF 2

PROJECT
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS
ECONOMIC DEVELOPMENT QUEENSLAND
STATUS
APPROVAL
NOT FOR CONSTRUCTION
DESIGNED
NIM
DRAWN
LH
APPROVED
JHT
DATE
26.07.18
SCALE @ A1
1:500
SHEET
2 of 2
PROJECT NO
119109
DRAWING NO
C1-S2-CIL-831
REV
A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/951
Date: 24/08/2018



REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LH	JST	26/07/18



NAME Jason Harley
RPEQ 5665
Jason Harley
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CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
TITLE
EARTHWORKS SECTIONS
SHEET 1 OF 2

PROJECT FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B) OP WORKS ECONOMIC DEVELOPMENT QUEENSLAND		STATUS APPROVAL NOT FOR CONSTRUCTION		DESIGNED NM	DRAWN LH	APPROVED JH	DATE 26.07.18	SCALE @ A1 1:250	SHEET 1 of 2
PROJECT NO 119109		DRAWING NO C1-S2-CIL-840		REV A					

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL



Approval no: DEV2018/951

Date: 24/08/2018

STAGE 2B
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2A
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2C
DEVELOPMENT NUMBER
[DEV2018/915/2]

**EXISTING
STAGE 1A**

LEGEND

- 12 ——— EXISTING SURFACE CONTOURS
- NOMINAL KERB LINE
- ~~~~~ SEDIMENT FENCE
- ▨ SHAKEDOWN AREA
- STAGE BOUNDARY
- EARTHWORKS BOUNDARY
- ⊕ TREE TO BE RETAINED
REFER CURRENT APPROVED
VMP DOCUMENTED BY SHG.
- ⊗ TREE TO BE REMOVED.
REFER CURRENT APPROVED
VMP DOCUMENTED BY SHG.

GENERAL NOTES:

- ALL FENCING AND SILT FENCING TO BE INSTALLED PRIOR TO PRE-START MEETING.
- THE CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL BY SUPERINTENDENT PRIOR TO POSSESSION OF SITE BEING GRANTED.

THE CONTRACTOR MUST INFORM THEMSELVES OF AND COMPLY WITH THE "STATE PLANNING POLICY FOR HEALTHY WATERS".

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LH	AKT	26/07/18

10 0 10 20 30 40 50m
1 : 1000 (FULL SIZE A1)



NAME Jason Harley
RPEQ 5665
Jason Harley

Approved by, for and on behalf of Meinhardt

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TITLE
EROSION & SEDIMENT CONTROL
MANAGEMENT PLAN
PHASE 1
SHEET 1 OF 2

PROJECT
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS
ECONOMIC DEVELOPMENT QUEENSLAND

STATUS
APPROVAL
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
NM	LH	JuH	26.07.18	1:500	1 of 2
PROJECT NO	DRAWING NO	REV			
119109	C1-S2-CIL-890	A			

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2018/951

Date: 24/08/2018



LEGEND

- 12 FINISHED SURFACE CONTOURS
- NOMINAL KERB LINE
- SEDIMENT FENCE
- DIVERSION DRAIN
- SEDIMENT TRAP
- SHAKEDOWN AREA
- SW STORMWATER
- STAGE BOUNDARY
- EARTHWORKS BOUNDARY
- TREE TO BE RETAINED
REFER CURRENT APPROVED
VMP DOCUMENTED BY SHG.

NOTES:

- THE MEASURES SHOWN ON THIS PLAN ARE INDICATIVE ONLY. THE CONTRACTOR SHALL CARRY OUT ALL WORKS IN ACCORDANCE WITH THE CONTRACTORS SEDIMENT AND EROSION CONTROL PLAN. ALL RESPONSIBILITY FOR SEDIMENT AND EROSION CONTROL IS DELEGATED TO THE CONTRACTOR BY THE APPLICANT AND THE LAND OWNERS UNTIL THE ON MAINTENANCE INSPECTION.
- THE CONTRACTOR AT A MINIMUM IS TO COMPLY WITH HEALTHY WATERWAYS "CONTROLLING STORMWATER POLLUTION ON YOUR BUILDING SITE" AND ALL ASSOCIATED DOCUMENTATION AND CHECKLISTS.
- REFER ES&C DETAILS & NOTES DRAWING FOR GENERAL NOTES.

THE CONTRACTOR MUST INFORM THEMSELVES OF AND COMPLY WITH THE STATE "PLANNING POLICY FOR HEALTHY WATERS".

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

EXISTING
STAGE 1A

STAGE 2B
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2A
DEVELOPMENT NUMBER
[DEV2018/915/2]

STAGE 2C
DEVELOPMENT NUMBER
[DEV2018/915/2]

10 0 10 20 30 40 50m
1 : 1000 (FULL SIZE A1)



NAME Jason Harley
RPEC 5665

Approved by, for and on behalf of Meinhardt

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PROJECT
PEET FLAGSTONE CITY Pty. Ltd.

TITLE
EROSION & SEDIMENT CONTROL
MANAGEMENT PLAN
PHASE 2
SHEET 1 OF 2

PROJECT
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS

ECONOMIC DEVELOPMENT QUEENSLAND

APPROVAL
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @	SHEET
NM	LH	JuH	26.07.18	1:500	1 of 2
PROJECT NO	DRAWING NO	REV			
119109	C1-S2-CIL-892	A			

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/951

Date: 24/08/2018



LEGEND

- 12 FINISHED SURFACE CONTOURS
- NOMINAL KERB LINE
- SEDIMENT FENCE
- DIVERSION DRAIN
- SEDIMENT TRAP
- SHAKEDOWN AREA
- STORMWATER
- STAGE BOUNDARY
- EARTHWORKS BOUNDARY
- TREES TO BE RETAINED
- TEMPORARY STOCKPILE ZONE

GENERAL NOTES:

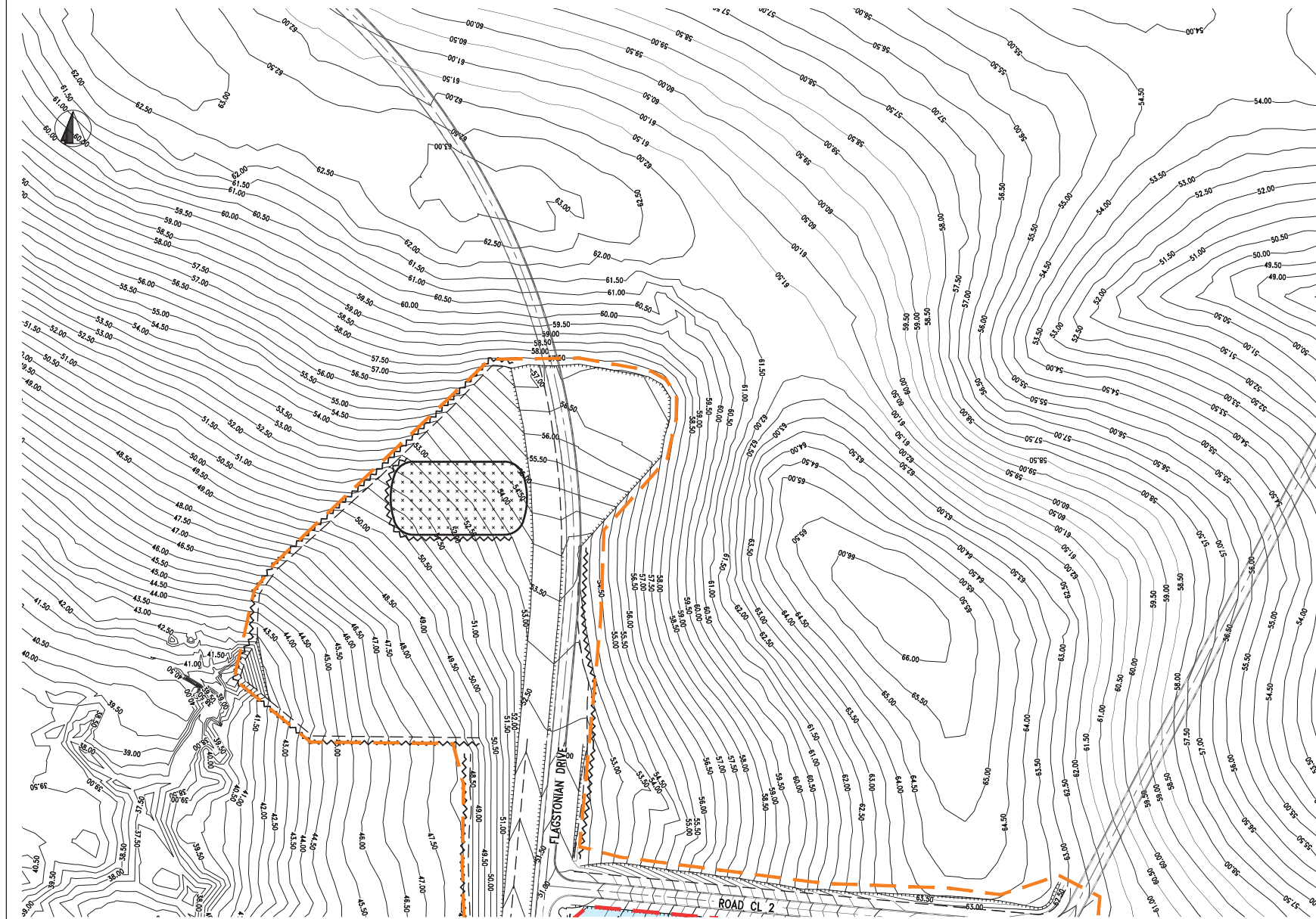
- REFER DRAWING 892 FOR NOTES.

THE CONTRACTOR MUST INFORM THEMSELVES OF AND COMPLY WITH THE "STATE PLANNING POLICY FOR HEALTHY WATERS".

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY: ECONOMIC DEVELOPMENT QUEENSLAND
EDO FILE REF NO: DEV2012/402
RP DESCRIPTION: LOT 908 RP819216
PARISH/COUNTY: MACLEAN/UNDULLAH
ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA



JOINS DRAWING 892

REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LH	JHT	26/07/18

10 0 10 20 30 40 50m
1 : 1000 (FULL SIZE A1)



BRISBANE
MACKAY
PROSPERINE
CARRIBE
VERIS
VERIS
VERIS

NAME Jason Harley
RPEQ 5685

Approved by, for and on behalf of Meinhardt

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SC1 QUAL

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CLIENT
PEET FLAGSTONE CITY Pty. Ltd.

TITLE
EROSION & SEDIMENT CONTROL
MANAGEMENT PLAN
PHASE 2
SHEET 2 OF 2

PROJECT
FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B)
OP WORKS
ECONOMIC DEVELOPMENT QUEENSLAND

STATUS
APPROVAL
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @	SHEET
NM	LH	JHT	26.07.18	1:500	2 of 2
PROJECT NO	DRAWING NO	REV			
119109	C1-S2-CIL-893	A			

GENERAL NOTES:

1. THE MEASURES SHOWN ON THE ESC PLANS ARE INDICATIVE ONLY. THE CONTRACTOR SHALL CARRY OUT ALL WORKS IN ACCORDANCE WITH THE CONTRACTORS SEDIMENT AND EROSION CONTROL PLAN. ALL RESPONSIBILITY FOR SEDIMENT AND EROSION CONTROL IS DELEGATED TO THE CONTRACTOR BY THE APPLICANT AND THE LAND OWNERS UNTIL THE ON MAINTENANCE INSPECTION.
2. THE CONTRACTOR AT A MINIMUM IS TO COMPLY WITH HEALTHY WATERWAYS "CONTROLLING STORMWATER POLLUTION ON YOUR BUILDING SITE" AND ALL ASSOCIATED DOCUMENTATION AND CHECKLISTS. SEDIMENT CONTROLS ARE NOT TO BE REMOVED PRIOR TO SATISFACTORY ESTABLISHMENT OF GROUND COVER/WRITTEN DIRECTION FROM THE SUPERINTENDENT.
2. ALL FENCING AND SILT FENCING TO BE INSTALLED PRIOR TO PRE-START MEETING.
3. THE CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL BY SUPERINTENDENT PRIOR TO POSSESSION OF SITE BEING GRANTED.
4. ALL COARSE SEDIMENTS ARE TO BE TREATED AND SHALL NOT ENTER THE DOWNSTREAM INFRASTRUCTURE. THE TARGET FOR THIS IS 50mg/L OF SUSPENDED SOLIDS 90% OF THE TIME.
5. ALL FINE SEDIMENTS (DISPERSIVE SOILS) ARE TO BE TREATED IN TEMPORARY BASINS ON SITE. THE CONTRACTOR MUST TREAT AND RELEASE THE WATER AT COUNCIL STANDARDS, AS SOON AS POSSIBLE AFTER EACH EVENT.
6. ONCE HYDRO MULCH IS DEEMED TO BE SUFFICIENTLY ESTABLISHED, SILT FENCES CAN BE REMOVED IF INSTRUCTED BY THE PRINCIPAL.

THE CONTRACTOR MUST INFORM THEMSELVES OF AND COMPLY WITH THE "STATE PLANNING POLICY FOR HEALTHY WATERS".

PHASING NOTES:

PHASE 1 – PRIOR TO PRE-START
THE CONTRACTOR WILL BE PAID FOR SCHEDULED QUANTITIES FOR THIS PHASE

PHASE 2 – DURING CONSTRUCTION
THIS PHASE IS TO BE IN ACCORDANCE WITH THE CONTRACTOR'S SEDIMENT AND EROSION CONTROL PLAN. THE CONTRACTOR IS TO ENGAGE A STORMWATER QUALITY CONSULTANT TO UNDERTAKE STORMWATER QUALITY AND EVENT MONITORING DURING THE "CONSTRUCTION" PHASE, INCLUDING BUT NOT LIMITED TO REMEDIAL ACTION FOLLOWING EVENT MONITORING RESULTS.

THE MONTHLY ALLOWANCE IN THE SCHEDULE WILL NOT BE CLAIMABLE IF TESTS SHOW A RELEASE OF GREATER THAN 50mg/L OF SUSPENDED SOLIDS AND THE RAIN EVENTS DO NOT EXCEED 75TH PERCENTILE OF A 5 DAY EVENT (ON THIS SITE 40mm OVER 5 DAYS). ALL OTHER COSTINGS NOT SCHEDULED ARE DEEMED INCLUDED.

PHASE 3 – PRACTICAL COMPLETION INSPECTION
THE CONTRACTOR IS TO ENGAGE A STORMWATER QUALITY CONSULTANT TO UNDERTAKE STORMWATER QUALITY AND EVENT MONITORING DURING THE "MAINTENANCE" PHASE, INCLUDING BUT NOT LIMITED TO REMEDIAL ACTION FOLLOWING EVENT MONITORING RESULTS.

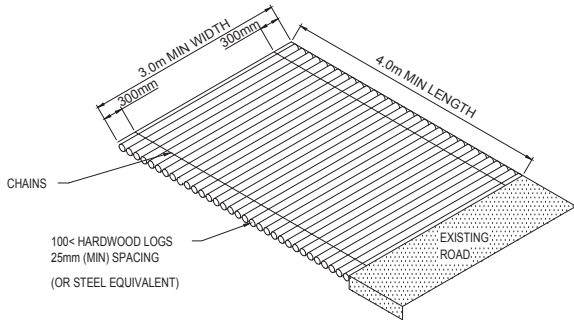
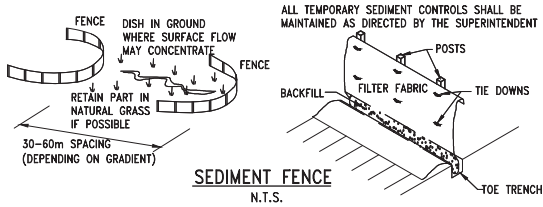
THE CONTRACTOR WILL BE PAID FOR SCHEDULED QUANTITIES FOR THIS PHASE.

STOCKPILE NOTES:

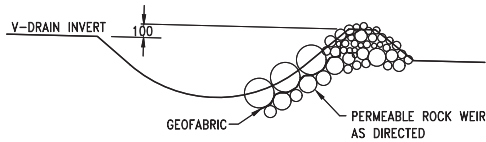
1. ALL STOCKPILES MUST BE SURROUNDED BY A SILT FENCE.
2. STOCKPILES MUST BE COVERED, IF NECESSARY, TO PREVENT DUST OR CONTAMINATION OF WATERS.

STABILISATION NOTES:

1. TOP SOIL AND SEED MUST BE PLACED ON COMPLETED AREAS WITHIN 7 DAYS OF THAT AREA BEING COMPLETED.
2. HYDROMULCHING MAY BE ORDERED BY THE SUPERINTENDENT.
3. ALL BATTERS GREATER THAN 1 IN 4 TO BE MULCHED WITH ONSITE MULCH.
4. 90% STRIKE MUST OCCUR WITHIN 4 WEEKS. AFTER THIS PERIOD RE-SEEDING MAY BE ORDERED AT THE CONTRACTOR'S COST.



SHAKE-DOWN AREA
N.T.S.

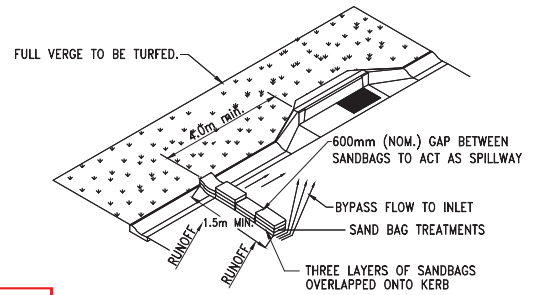


SEDIMENTATION POND DETAIL
N.T.S.

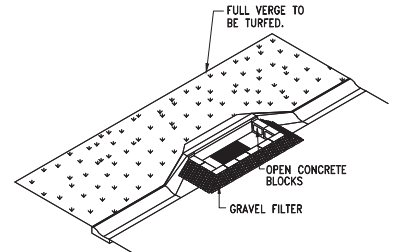
PLANS AND DOCUMENTS
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Approval no: DEV2018/951

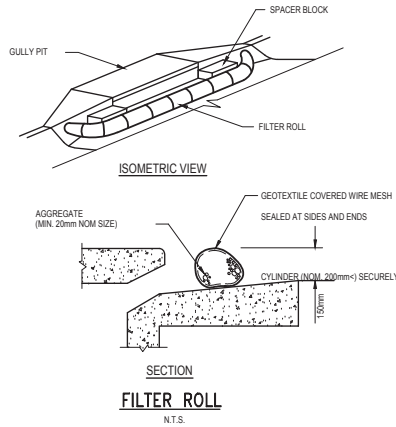
Date: 24/08/2018



ON GRADE GULLY SEDIMENT TREATMENT
SCALE N.T.S.



SAG GULLY SEDIMENT TREATMENT
SCALE N.T.S.



FILTER ROLL
N.T.S.

FIRE ANT NOTE:

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REV	DESCRIPTION	BY	CHK	DATE
1	ORIGINAL ISSUE	LH	JHT	26/07/18



BRISSBANE
07 5561 1100
MACKAY
07 5561 1100
VERIS GROUP
07 5561 1100
Queensland Surveying Pty Ltd is a Veris

NAME Jason Harley
RPEQ 5685
Jason Harley
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CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
TITLE
EROSION & SEDIMENT CONTROL
MANAGEMENT PLAN
NOTES & DETAILS

PROJECT FLAGSTONE CITY - STAGE 2 SCHOOL (PHASE B) OP WORKS ECONOMIC DEVELOPMENT QUEENSLAND	STATUS APPROVAL NOT FOR CONSTRUCTION	DESIGNED NM LH	DRAWN JHT	APPROVED JHT	DATE 26.07.18	SCALE @ A1	SHEET 1 of 1
PROJECT NO 119109	DRAWING NO C1-S2-CIL-894	REV A					