

CHANGE TO GROUND LEVEL M38 INDUSTRIAL PARK YATALA BALANCE OF SITE



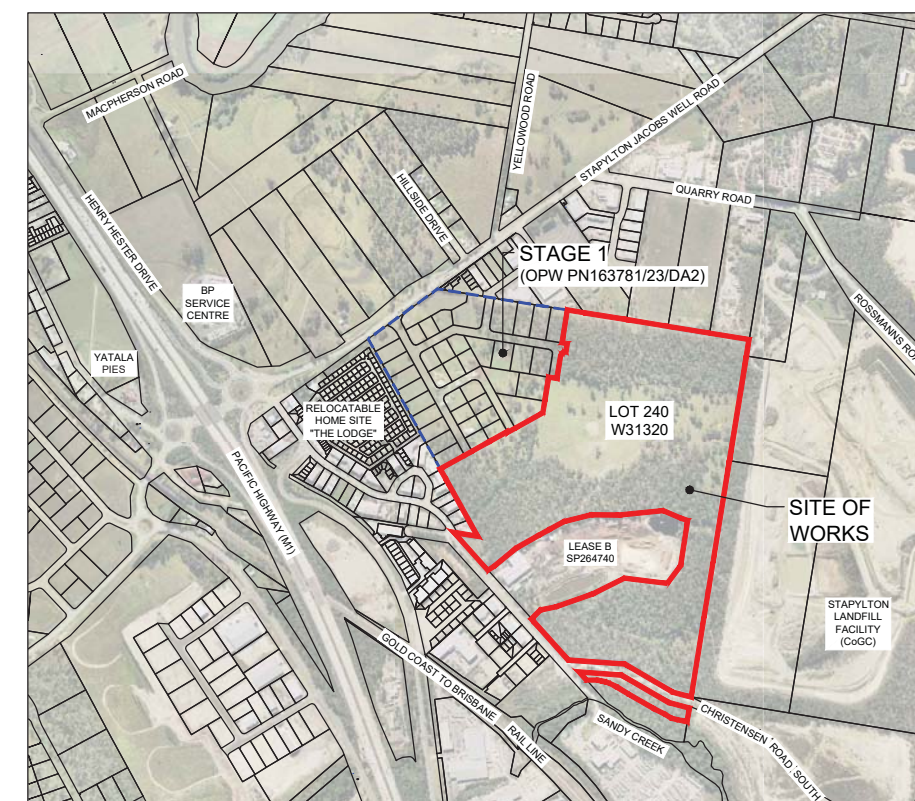
DRAWING INDEX

DRAWING No	REV No	TITLE
5738 ENG BEB 001	A	DRAWING INDEX & LOCALITY PLAN
5738 ENG BEB 002	A	GENERAL NOTES SHEET 1 OF 2
5738 ENG BEB 003	A	GENERAL NOTES SHEET 2 OF 2
5738 ENG BEB 004	A	LEGEND
5738 ENG BEB 005	A	SEDIMENT AND EROSION TYPICAL DETAILS
5738 ENG BEB 010	A	EXISTING FEATURES SURVEY PLAN
5738 ENG BEB 020	A	SEDIMENT & EROSION CONTROL PLAN SHEET 1 OF 4
5738 ENG BEB 021	A	SEDIMENT & EROSION CONTROL PLAN SHEET 2 OF 4
5738 ENG BEB 022	A	SEDIMENT & EROSION CONTROL PLAN SHEET 3 OF 4
5738 ENG BEB 023	A	SEDIMENT & EROSION CONTROL PLAN SHEET 4 OF 4
5738 ENG BEB 024	A	CONSTRUCTION PHASE SEDIMENT BASIN A LAYOUT PLAN & DETAILS
5738 ENG BEB 025	A	CONSTRUCTION PHASE SEDIMENT BASIN B LAYOUT PLAN & DETAILS
5738 ENG BEB 026	A	CONSTRUCTION PHASE SEDIMENT BASIN C LAYOUT PLAN & DETAILS
5738 ENG BEB 027	A	SEDIMENT BASIN CATCHMENTS LAYOUT PLAN
5738 ENG BEB 050	A	BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 1 OF 4
5738 ENG BEB 051	A	BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 2 OF 4
5738 ENG BEB 052	A	BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 3 OF 4
5738 ENG BEB 053	A	BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 4 OF 4
5738 ENG BEB 100	A	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 1 OF 4
5738 ENG BEB 101	A	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 2 OF 4
5738 ENG BEB 102	A	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 3 OF 4
5738 ENG BEB 103	A	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 4 OF 4
5738 ENG BEB 150	A	FINISHED EARTHWORKS SURFACE CROSS-SECTION SHEET 1 OF 4
5738 ENG BEB 151	A	FINISHED EARTHWORKS SURFACE CROSS-SECTION SHEET 2 OF 4
5738 ENG BEB 152	A	FINISHED EARTHWORKS SURFACE CROSS-SECTION SHEET 3 OF 4
5738 ENG BEB 153	A	FINISHED EARTHWORKS SURFACE CROSS-SECTION SHEET 4 OF 4

MAY 2018

CLIENT
KS8 Pty. Ltd.

SITE ADDRESS
LOT 1 on RP6882,
LOT 240 on W31320
60 STAPYLTON JACOBS WELL ROAD
STAPYLTON, QLD 4207



LOCALITY PLAN

PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No: OPW201801218

Dated: 11 December 2018

Development shall comply with the
conditions of approval as detailed in the
Decision Notice and Council's Planning
Scheme, Local Laws and Planning Policies

SURVEY CONTROL DETAILS

LEVEL DATUM	AHD
MERIDIAN	IS216853
PSM	-
PSM COORDINATES	LOCAL GRID
RL (m)	-

AUTO DOSER

1. PROVIDED AS IFOD—FLOW OR APPROVED EQUIVALENT TO MANUFACTURERS SPECIFICATION.
2. DOSER AND SUPPLY OF FLOCCULANT TO BE PROVIDED ON LEVEL PAD 4mX4m WITHIN 10m OF DOSING POINT.
3. ALL—WEATHER ACCESS TRACK TO BE PROVIDED TO DOSER.
4. FLOCCULANT PROVIDED AS TURBICLEAR (ACH) OR APPROVED EQUIVALENT. IF ALTERNATIVE FLOCCULANT USED THEN THE BASIN SIZE IS TO BE INCREASED ACCORDING TO JAR SETTLEMENT TEST (REFER TO TABLE BELOW).

JAR SETTLEMENT AFTER 15 MINS	MULTIPLICATION FACTOR TO SETTLING ZONE
(mm)	VOLUME
50	x3
75	x2
100	x1.5
150	x1

MATERIALS

5. EARTH FILL: CLEAN SOIL WITH EMERSION CLASS 2(I), 3, 4 OR 5 AND FREE OF ROOTS, WOODY VEGETATION, ROCKS AND OTHER UNSUITABLE MATERIAL. SOIL WITH EMERSION CLASS 4 AND 5 MAY NOT BE SUITABLE DEPENDING ON PARTICLE SIZE DISTRIBUTION AND DEGREE OF DISPERSION. CLASS 2(I) SHOULD ONLY BE USED UPON RECOMMENDATION FROM GEOTECHNICAL SPECIALIST.
6. SPILLWAY ROCK: HARD, ANGULAR, DURABLE, WEATHER RESISTANT AND EVENLY GRADED ROCK WITH 50% BY WEIGHT LARGER THAN THE SPECIFIED NOMINAL (D50) ROCK SIZE. LARGE ROCK SHOULD DOMINATE, WITH SUFFICIENT SMALL ROCK TO FILL THE VOIDS BETWEEN LARGER ROCK. THE DIAMETER OF THE LARGEST ROCK SHOULD BE NO LARGER THAN 1.5 TIMES THE NOMINAL ROCK SIZE. THE SPECIFIC GRAVITY SHOULD BE AT LEAST 2.5.
7. GEOTEXTILE FABRIC: HEAVY DUTY, NEEDLE-PUNCHED, NON-WOVEN CLOTH, MINIMUM "A24" A24 OR EQUIVALENT.

8. NOTWITHSTANDING ANY DESCRIPTION CONTAINED WITH APPROVED PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFYING THEMSELVES AS TO THE NATURE AND EXTENT OF THE WORK REQUIRED TO THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WHICH THE WORKS WILL BE CARRIED OUT. THIS SHALL INCLUDE MEANS OF ACCESS, EXTENT OF CLEARING, NATURE OF THE MATERIALS TO BE EXCAVATED, TYPE AND SIZE OF MECHANICAL PLANT REQUIRED, LOCATION AND SUITABILITY OF WATER SUPPLY FOR CONSTRUCTION AND TESTING PURPOSES, AND ANY OTHER LIKELY MATTERS AFFECTING THE CONSTRUCTION OF THE WORKS.

9. REFER TO APPROVED PLANS FOR LOCATION, DIMENSIONS, AND CONSTRUCTION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS, OR METHOD OF INSTALLATION, CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
10. BEFORE STARTING ANY CLEARING OR CONSTRUCTION, ENSURE ALL THE NECESSARY MATERIALS AND COMPONENTS ARE ON THE SITE TO AVOID DELAYS IN COMPLETING THE SEDIMENT BASIN ONCE WORKS BEGIN.
11. INSTALL REQUIRED SHORT TERM SEDIMENT CONTROL MEASURES DOWNSTREAM OF THE PROPOSED EARTHWORKS TO CONTROL SEDIMENT RUNOFF DURING CONSTRUCTION OF THE BASIN.
12. THE AREA TO BE COVERED BY THE EMBANKMENT, BORROW PITS AND INCIDENTAL WORKS, TOGETHER WITH AN AREA EXTENDING BEYOND THE LIMITS OF EACH FOR A DISTANCE NOT EXCEEDING FIVE (5) METRES ALL AROUND MUST BE CLEARED OF ALL TREES, SCRUB, STUMPS, ROOTS, DEAD TIMBER AND RUBBISH AND DISPOSED OF IN A SUITABLE MANNER. DELAY CLEARING THE MAIN BASIN AREA UNTIL THE EMBANKMENT IS COMPLETE.
13. ENSURE ALL HOLES MADE BY GRUBBING WITHIN THE EMBANKMENT FOOTPRINT ARE FILLED WITH SOUND MATERIAL, ADEQUATELY COMPACTED, AND FINISHED FLUSH WITH THE NATURAL SURFACE.

14. BEFORE CONSTRUCTION OF THE CUT-OFF TRENCH OR ANY ANCILLARY WORKS WITHIN THE EMBANKMENT FOOTPRINT, ALL GRASS GROWTH AND TOPSOIL MUST BE REMOVED FROM THE AREA TO BE OCCUPIED BY THE EMBANKMENT AND MUST BE DEPOSITED CLEAR OF THIS AREA AND RESERVED FOR TOPDRESSING THE COMPLETED EMBANKMENT.

15. EXCAVATE A CUT-OFF TRENCH ALONG THE CENTRE LINE OF THE EARTH FILL EMBANKMENT. CUT THE TRENCH TO STABLE SOIL MATERIAL, BUT IN NO CASE MAKE IT LESS THAN 600mm DEEP. THE CUT-OFF TRENCH MUST EXTEND INTO BOTH ABUTMENTS TO AT LEAST THE ELEVATION OF THE OUTLET SPILLWAY CREST. MAKE THE MINIMUM BOTTOM WIDTH WIDE ENOUGH TO PERMIT OPERATION OF THE EXCAVATION AND COMPACTION EQUIPMENT, BUT IN NO CASE LESS THAN 600mm. MAKE THE SIDE SLOPES OF THE TRENCH NO STEEPER THAN 1:2 (H:V).
16. ENSURE ALL WATER, LOOSE SOIL, AND ROCK ARE REMOVED FROM THE TRENCH BEFORE BACKFILLING COMMENCES. THE CUT-OFF TRENCH MUST BE BACKFILLED WITH SELECT EARTH-FILL OF THE TYPE SPECIFIED FOR THE EMBANKMENT, AND THIS SOIL MUST HAVE A MOISTURE CONTENT AND DEGREE OF COMPACTION THE SAME AS SPECIFIED FOR THE CORE ZONE.
17. MATERIAL EXCAVATED FROM THE CUT-OFF TRENCH MAY BE USED IN THE CONSTRUCTION OF THE EMBANKMENT PROVIDED IT IS SUITABLE AND IT IS PLACED IN THE CORRECT ZONE ACCORDING TO ITS CLASSIFICATION.

18. SCARIFY AREAS ON WHICH FILL IS TO BE PLACED BEFORE PLACING THE FILL.
19. ENSURE ALL FILL MATERIAL USED TO FORM THE EMBANKMENT MEETS THE SPECIFICATIONS CERTIFIED BY A SOIL SCIENTIST OF GEOTECHNICAL SPECIALIST.
20. THE FILL MATERIAL MUST CONTAIN SUFFICIENT MOISTURE SO IT CAN BE FORMED BY HAND INTO A BALL WITHOUT CRUMBLING. IF WATER CAN BE SQUEEZED OUT OF THE BALL, IT IS TOO WET FOR PROPER COMPACTION. PLACE FILL MATERIAL IN 150 TO 200mm CONTINUOUS LAYERS OVER THE ENTIRE LENGTH OF THE FILL AREA AND THEN COMPACT BEFORE PLACEMENT OF FURTHER FILL.
21. UNLESS SPECIFIED ON THE APPROVED PLANS, COMPACT THE SOIL AT ABOUT 1% TO 2% WET OPTIMUM AND TO 95% MODIFIED OR 100% STANDARD COMPACTION.
22. WHERE BOTH DISPERSIVE AND NON-DISPERSIVE CLASSIFIED EARTH-FILL MATERIALS ARE AVAILABLE, NON-DISPERSIVE EARTH-FILL MUST BE USED IN THE CORE ZONE. THE REMAINING CLASSIFIED EARTH-FILL MATERIALS MUST ONLY BE USED AS DIRECTED BY THE SITE SUPERINTENDENT.
23. WHERE SPECIFIED, CONSTRUCT THE EMBANKMENT TO AN ELEVATION 10% HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLING; OTHERWISE FINISHED DIMENSIONS OF THE EMBANKMENT AFTER SPREADING OF TOPSOIL MUST CONFORM TO THE DRAWING WITH A TOLERANCE OF 75mm FROM SPECIFIED DIMENSIONS.
24. ENSURE DEBRIS AND OTHER UNSUITABLE BUILDING WASTE IS NOT PLACED WITHIN THE EARTH EMBANKMENT.
25. AFTER COMPLETION OF THE EMBANKMENT ALL LOOSE UNCOMPACTED EARTH-FILL MATERIAL ON THE UPSTREAM AND DOWNSTREAM BATTER MUST BE REMOVED PRIOR TO SPREADING TOPSOIL.
26. TOPSOIL AND RE-VEGETATE/STABILISE ALL EXPOSED EARTH AS DIRECTED WITHIN THE APPROVED PLANS.

27. THE AREA TO BE COVERED BY THE STORED WATER OUTSIDE OF THE LIMITS OF THE BORROW PITS MUST BE CLEARED OF RUBBISH. TREES MUST BE CUT DOWN STUMP HIGH AND REMOVED FROM THE IMMEDIATE VICINITY OF THE WORK.
28. ESTABLISH ALL REQUIRED INFLOW CHUTES AND INLET BAFFLES IF SPECIFIED TO ENABLE WATER TO DISCHARGE INTO THE BASIN IN A MANNER THAT WILL NOT CAUSE SOIL EROSION OR THE RE-SUSPENSION OF SETTLED SEDIMENT.
29. INSTALL A SEDIMENT STORAGE LEVEL MARKER POST WITH A CROSS MEMBER SET JUST BELOW THE TOP OF THE SEDIMENT STORAGE ZONE (AS SPECIFIED ON THE APPROVED PLANS). USE AT LEAST A 75mm WIDE POST FIRMLY SET INTO THE BASIN FLOOR.
30. IF SPECIFIED, INSTALL INTERNAL SETTLING POND BAFFLES. ENSURE THE CREST OF THESE BAFFLES IS SET LEVEL WITH, OR JUST BELOW, THE ELEVATION OF THE EMERGENCY SPILLWAY.
31. INSTALL ALL APPROPRIATE MEASURES TO MINIMISE SAFETY RISK TO ON SITE PERSONNEL AND THE PUBLIC CAUSED BY THE PRESENCE OF THE SETTLING POND. AVOID STEEP, SMOOTH INTERNAL SLOPES. APPROPRIATELY FENCE THE SETTLING POND AND POST WARNING SIGNS IF UNSUPERVISED PUBLIC ACCESS IS LIKELY OR THERE IS CONSIDERED TO BE AN UNACCEPTABLE RISK TO THE PUBLIC.

32. THE SPILLWAY MUST BE EXCAVATED AS SHOWN ON THE PLANS, AND THE EXCAVATED MATERIAL IF CLASSIFIED AS SUITABLE, MUST BE USED IN THE EMBANKMENT, AND IF NOT SUITABLE IT MUST BE DISPOSED OF INTO SPOIL HEAPS.

3. ENSURE EXCAVATED DIMENSIONS ALLOW ADEQUATE BOXING—OUT SUCH THAT THE SPECIFIED ELEVATIONS, GRADES, CHUTE WIDTH, AND ENTRANCE AND EXIT SLOPES FOR THE EMERGENCY SPILLWAY WILL BE ACHIEVED AFTER PLACEMENT OF THE ROCK OR OTHER SCOUR PROTECTION MEASURES AS SPECIFIED IN THE PLANS.
34. PLACE SPECIFIED SCOUR PROTECTION MEASURES ON THE EMERGENCY SPILLWAY. ENSURE THE FINISHED GRADE BLENDS WITH THE SURROUNDING AREA TO ALLOW A SMOOTH FLOW TRANSITION FROM SPILLWAY TO DOWNSTREAM CHANNEL.
35. IF A SYNTHETIC FILTER FABRIC UNDERLAY IS SPECIFIED, PLACE THE FABRIC DIRECTLY ON THE PREPARED FOUNDATION. IF MORE THAN 1 SHEET OF FILTER FABRIC IS REQUIRED, OVERLAP THE EDGES BY AT LEAST 300mm AND PLACE ANCHOR PINS AT MINIMUM 1m SPACING ALONG THE OVERLAP. BURY THE UPSTREAM END OF THE FILTER FABRIC A MINIMUM 300mm BELOW GROUND AND WHERE NECESSARY, BURY THE LOWER END OF THE FABRIC OR OVERLAP A MINIMUM 300mm OVER THE NEXT DOWNSTREAM SECTION AS REQUIRED. ENSURE THE FILTER FABRIC EXTENDS AT LEAST 1000mm UPSTREAM OF THE SPILLWAY CREST.
36. TAKE CARE NOT TO DAMAGE THE FABRIC DURING OR AFTER PLACEMENT. IF DAMAGE OCCURS, REMOVE THE ROCK AND REPAIR THE SHEET BY ADDING ANOTHER LAYER OF FABRIC WITH A MINIMUM OVERLAP OF 300mm AROUND THE DAMAGED AREA. IF EXTENSIVE DAMAGE IS SUSPECTED, REMOVE AND REPLACE THE ENTIRE SHEET.
37. WHERE LARGE ROCK IS USED, OR MACHINE PLACEMENT IS DIFFICULT, A MINIMUM 100mm LAYER OF FINE GRAVEL, AGGREGATE, OR SAND MAY BE NEEDED TO PROTECT THE FABRIC.
38. PLACEMENT OF ROCK SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF THE FILTER FABRIC. PLACE ROCK SO THAT IT FORMS A DENSE, WELL GRADED MASS OF ROCK WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF ROCK THROUGHOUT THE MASS MAY BE OBTAINED BY SELECTIVE LOADING AT THE QUARRY AND CONTROLLED DUMPING DURING FINAL PLACEMENT.
39. THE FINISHED SLOPE SHOULD BE FREE OF POCKETS OF SMALL ROCK OR CLUSTERS OF LARGE ROCKS. AND PLACING MAY BE NECESSARY TO ACHIEVE THE PROPER DISTRIBUTION OF ROCK SIZES TO PRODUCE A RELATIVELY SMOOTH, UNIFORM SURFACE. THE FINISHED GRADE OF THE ROCK SHOULD BLEND WITH THE SURROUNDING AREA. NO OVER FALL OR PROTRUSION OF ROCK SHOULD BE APPARENT.
40. ENSURE THAT THE FINAL ARRANGEMENT OF THE SPILLWAY CREST WILL NOT PROMOTE EXCESSIVE FLOW THROUGH THE ROCK SUCH THAT THE WATER CAN BE RETAINED WITHIN THE SETTLING BASIN AT THE ELEVATION NO LESS THAN 50mm ABOVE OF BELOW THE NOMINATED SPILLWAY CREST ELEVATION.

Application No: OPW201801218

Dated: 11 December 2018

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies



planning | environment | landscape | engineering | survey

T: 3807 3333 | F: 3287 5461 | www.gassman.com.au

Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

GENERAL NOTES
SHEET 2 OF 2

A Issue	25-05-18 Date	ORIGINAL ISSUE Description	GOP DRN	MG CHK

SCALE IN METRES

Scale at A1:

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 003	A



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

LEGEND

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

Date:	25-05-18
-------	----------

Rev. No:
A

OVERLAND FLOW PATH/SWALE
CATCH DRAIN (NOT LINED)
SILT FENCE
PROPERTY LINE
PROPERTY LINE WITH FENCE
FACE OF KERB, FOOTPATHS
LIP AND BACK OF KERB
EXISTING KERB
EXISTING EDGE OF BITUMEN
FUTURE PROPERTY LINE
SITE BOUNDARY
EXISTING CONTOURS
DESIGN CONTOURS
EXTENT OF PAD
Q100 EXTENT LINE

 GRAVEL ROCK CHECK DAM
 MESH & GRAVEL INLET FILTER

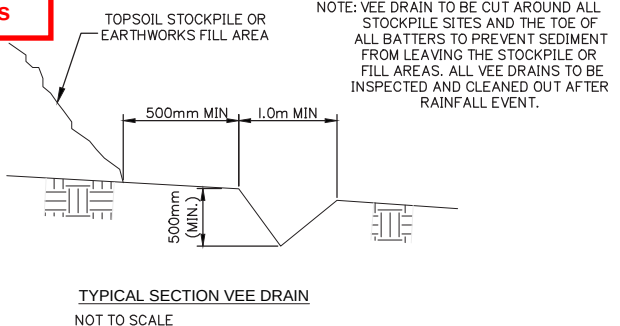
VEHICLE SHAKEDOWN:
300mm THICK LAYER OF
75mm GRAVEL LAID ON
GEOTEXTILE, GRADED
TO DRAIN AWAY FROM
SHAKEDOWN. BARRIER
TO BE PLACED AROUND
SHAKEDOWN TO ENSURE
VEHICLES USE
SHAKEDOWN.

 TREES SCOUR PROTECTION

31.87 • PAD LEVEL

32.50 LOT NUMBER

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

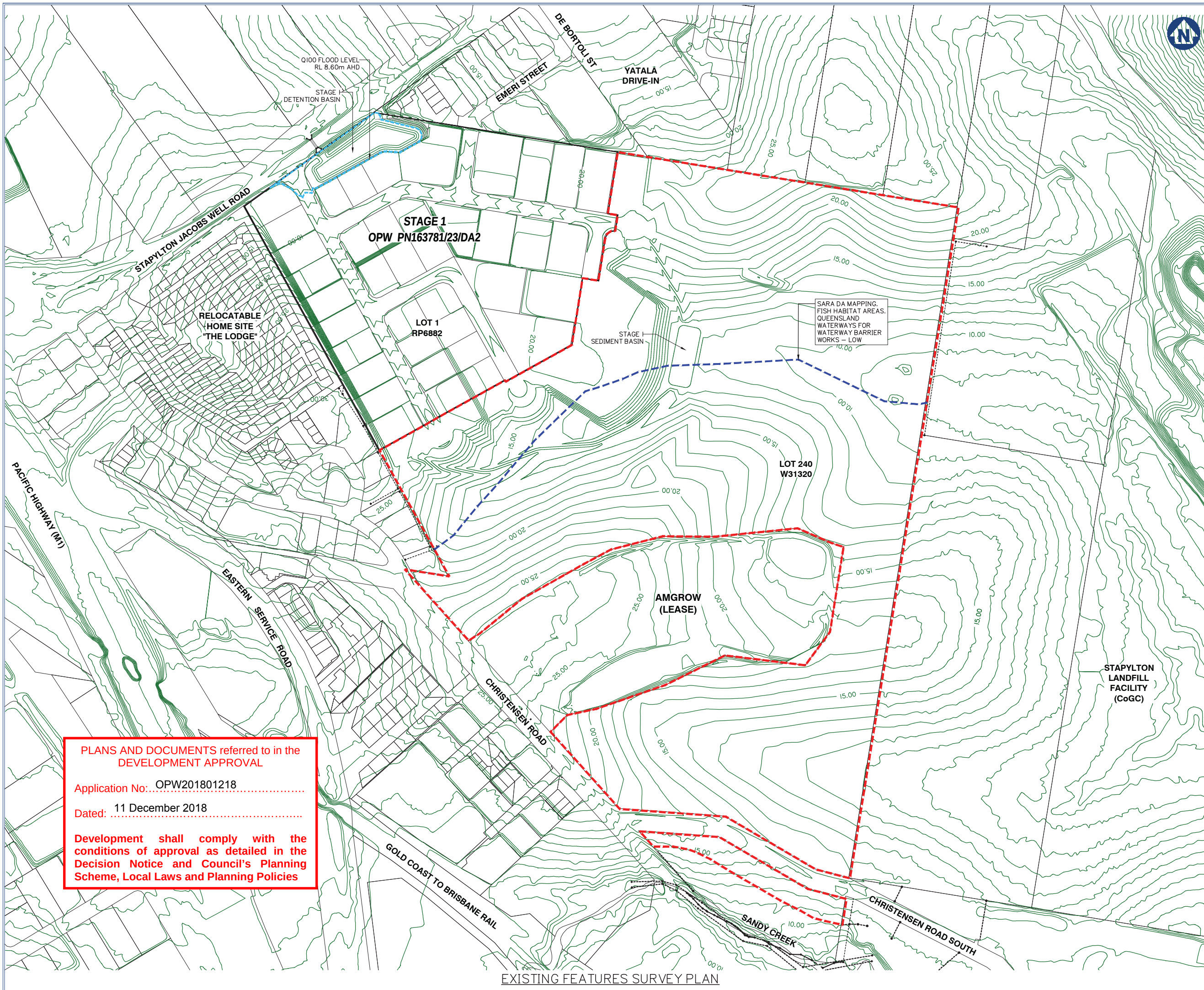


PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No.: OPW201801218

Dated: 11 December 2018

Development shall comply with the
conditions of approval as detailed in the
Decision Notice and Council's Planning
Scheme, Local Laws and Planning Policies



planning | environment | landscape | engineering | survey
T: 3807 3333 | F: 3287 5461 | www.gassman.com.au
Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: 1.0m

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

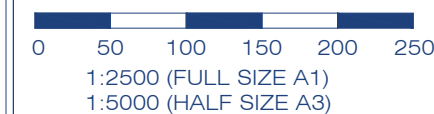
© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

EXISTING FEATURES

SURVEY PLAN

SCALE IN METRES



Scale at A1: 1:2500

Designed:	IG
-----------	----

Drafted:	GCP
----------	-----

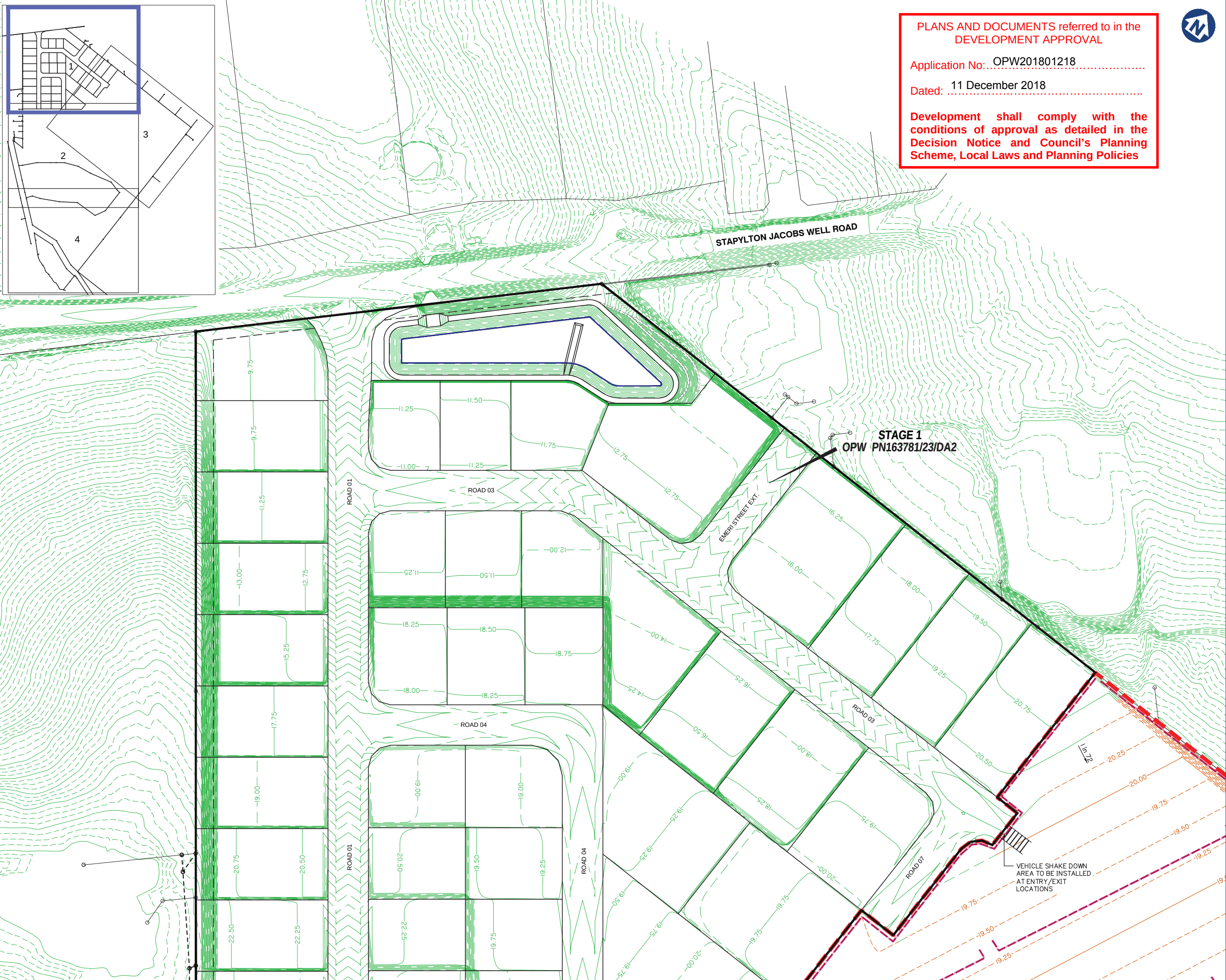
Approved:	MG
-----------	----

RPEQ:	16939
-------	-------

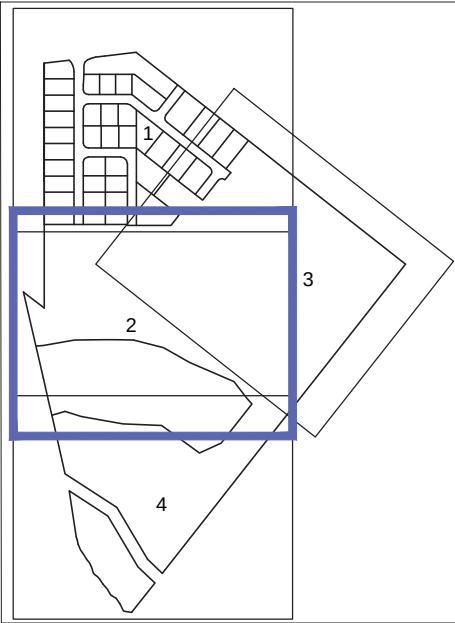
Signed:	
---------	---

Date:	25-05-18
-------	----------

Drawing No:	Rev. No:
5738 ENG BEB 010	A



Rev. No:
A



NOTE

REFER TO DRAWING 5738 ENG BEB 050
FOR CUT & FILL LEGEND AND VOLUMES.

STAGE 1
OPW
PN163781/23/DA2

VEHICLE SHAKE DOWN
AREA TO BE INSTALLED
AT ENTRY/EXIT
LOCATIONS

PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No: OPW201801218

Dated: 11 December 2018

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

SEDIMENT AND EROSION CONTROL PLAN SHEET 2 OF 4



planning | environment | landscape | engineering | survey
T: 3807 3333 | F: 3287 5461 | www.gassman.com.au
Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

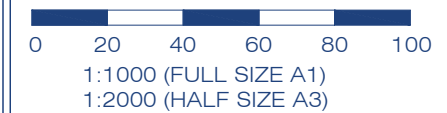
© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

SEDIMENT AND EROSION
CONTROL PLAN
SHEET 2 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES



Scale at A1:	1:1000
--------------	--------

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 021	A



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

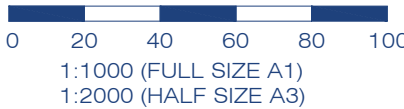
©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

SEDIMENT AND EROSION
CONTROL PLAN
SHEET 4 OF 4

A Issue	25-05-18 Date	ORIGINAL ISSUE Description	GCP DRN	MG CHK

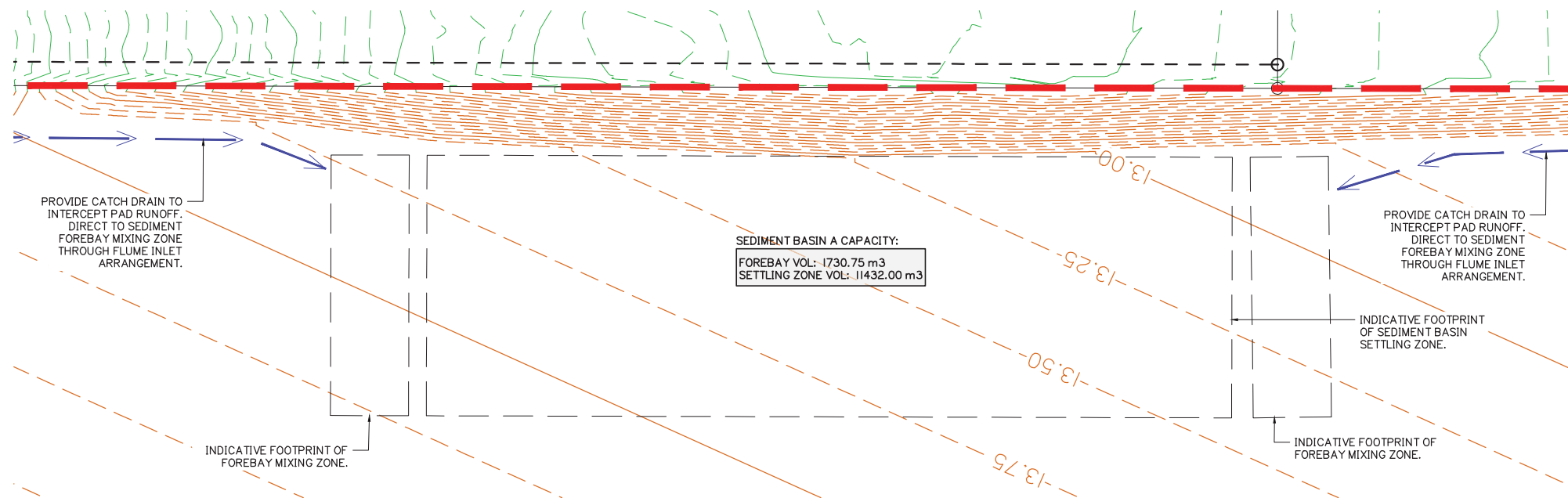
SCALE IN METRES



Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 023	A



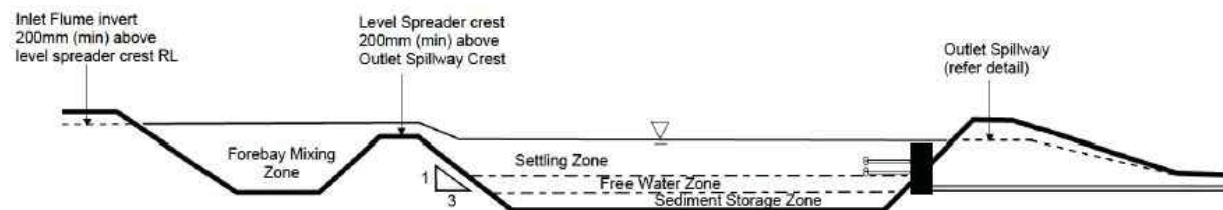
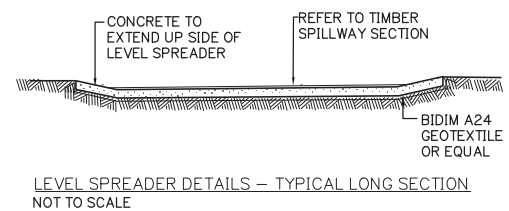
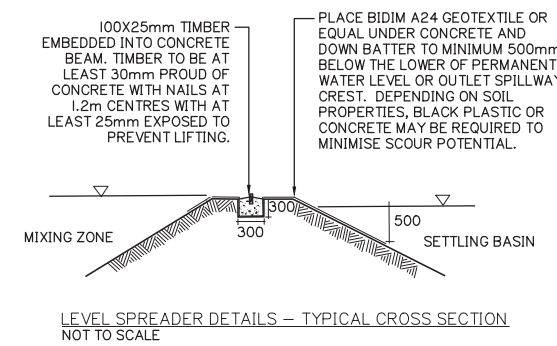
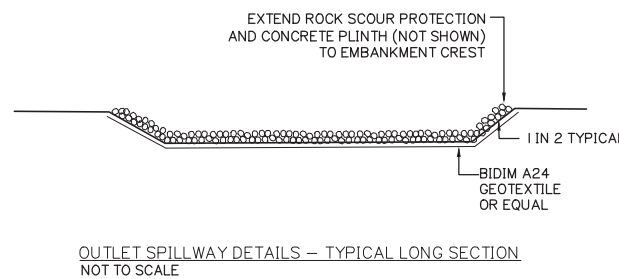
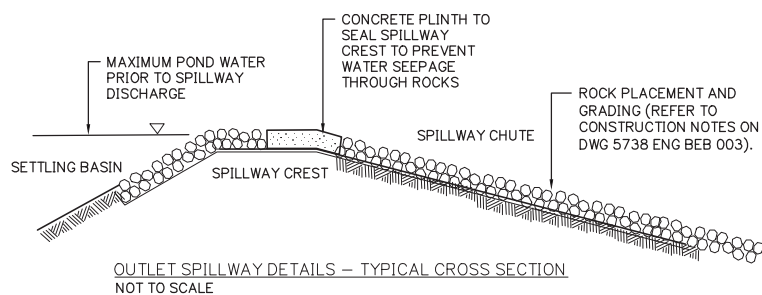
SEDIMENT BASIN A – LAYOUT PLAN
I:500 @ A1

NOTES

1. SEDIMENT AND EROSION CONTROL PLAN IS INDICATIVE ONLY. THE CONTRACTOR MUST TAKE ADDITIONAL MEASURES IF REQUIRED ONSITE DURING CONSTRUCTION AND MAINTENANCE PERIODS.
2. CONTRACTOR EROSION AND SEDIMENT CONTROL PLAN SHOULD COMPLY WITH ALL COUNCIL AND STATE REQUIREMENTS AND BE IN LINE WITH IECA BEST PRACTICE GUIDELINES AND THE HIGH EFFICIENCY SEDIMENT BASIN DESIGN DETAILS AS INDICATED.
3. CONTRACTOR TO OBTAIN SEDIMENT AND EROSION CONTROL PLAN APPROVAL FROM RELEVANT AUTHORITY BEFORE THE COMMENCEMENT OF WORKS.
4. PROVIDE TEMPORARY FENCING TO PERIMETER OF SEDIMENT BASINS FOR SAFETY.

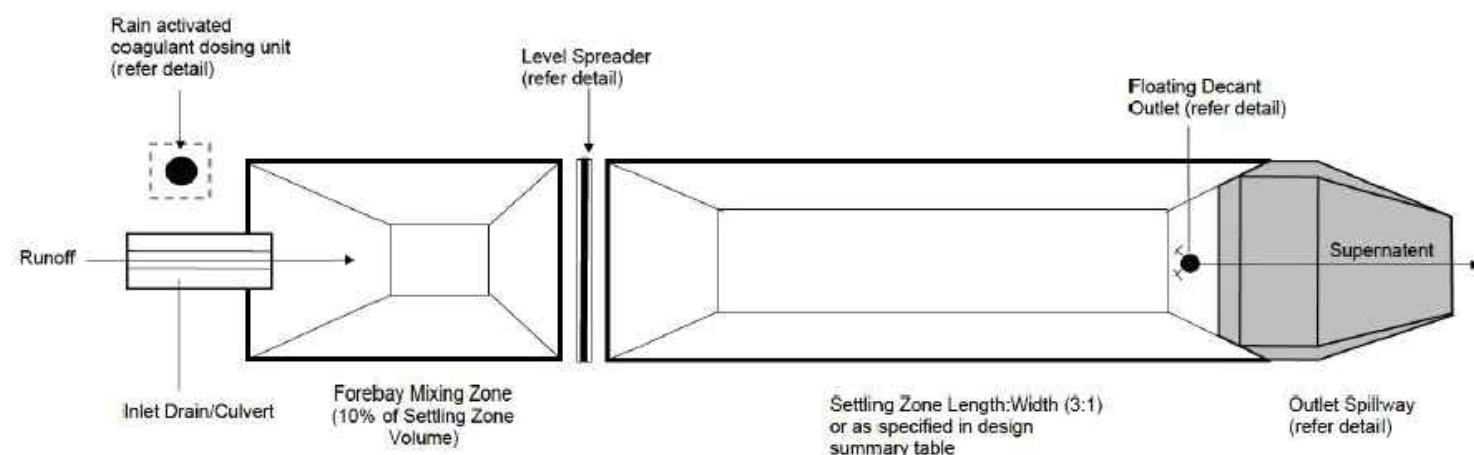
LEGEND

- LOT BOUNDARY
- LIMIT OF WORKS
- CATCH DRAIN
- 28.60 EXISTING CONTOURS (MINOR)
- 29.00 EXISTING CONTOURS (MAJOR)
- 31.20 DESIGN CONTOURS (MINOR)
- 31.00 DESIGN CONTOURS (MAJOR)



Type A Sediment Basin Long Section (Typical NTS)

DESIGN SEDIMENT BASIN PARAMETERS															
BASIN ID	SETTLING ZONE (incl. sediment storage)				FOREBAY				HYDRAULIC CONTROLS						
	VOLUME (m3)	LENGTH (m)	WIDTH (m)	DEPTH (m)	VOLUME (m3)	LENGTH (m)	WIDTH (m)	DEPTH (m)	SPILLWAY CREST LENGTH (m)	SPILLWAY CREST (RL)	EMBANKMENT (RL)	LEVEL SPREADER CREST (RL)	FLUME BASE WIDTH (m)	FLUME BATTERS (X:1)	FLUME DEPTH (m)
A	11432.00	132.00	44.00	2.98	1730.75	13.20	44.0	2.98	39.70	12.50	13.28	12.70	1.00	4.00	0.30



Type A Sediment Basin Plan View (Typical NTS)

CONSTRUCTION PHASE SEDIMENT BASIN A LAYOUT PLAN AND DETAILS

Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: 0.25m
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE
CONSTRUCTION PHASE
SEDIMENT BASIN A LAYOUT
PLAN AND DETAILS

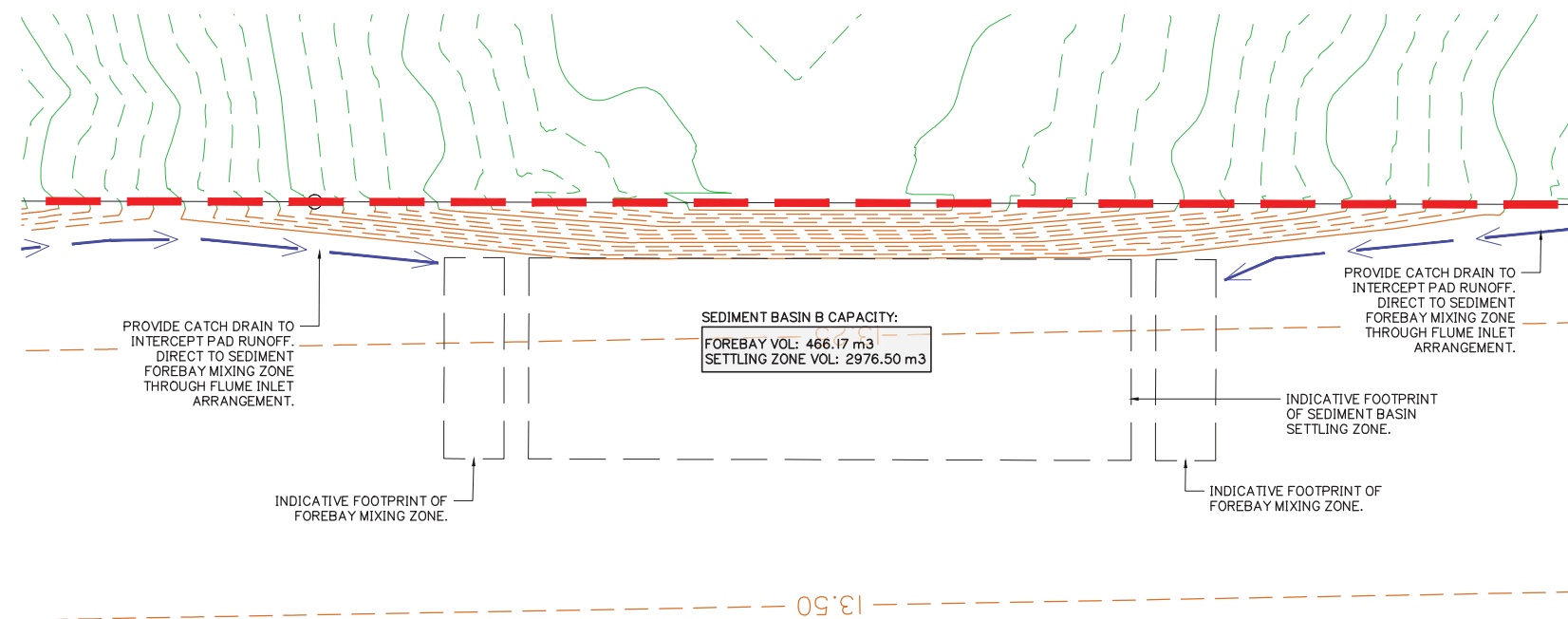
Issue	Date	Original Issue Description	GCP	MD
A	25-05-18		DRN	CHK

SCALE IN METRES



Scale at A1:	1:500
Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18
Drawing No:	5738 ENG BEB 024
Rev. No:	A

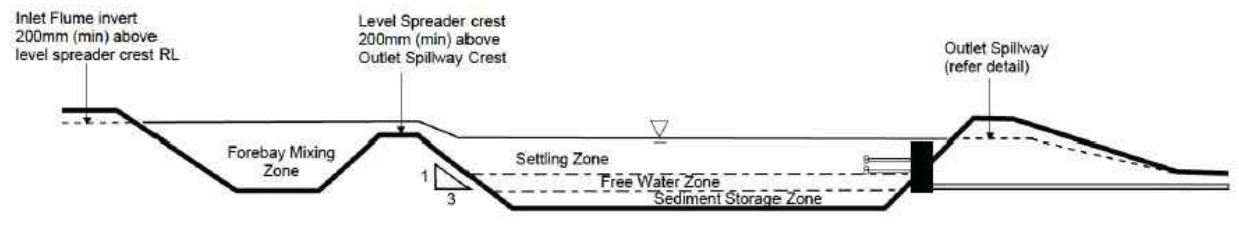
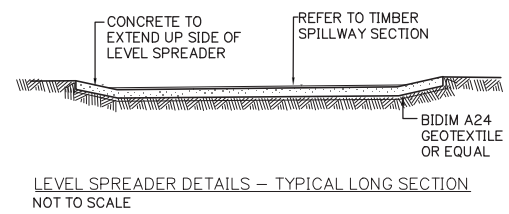
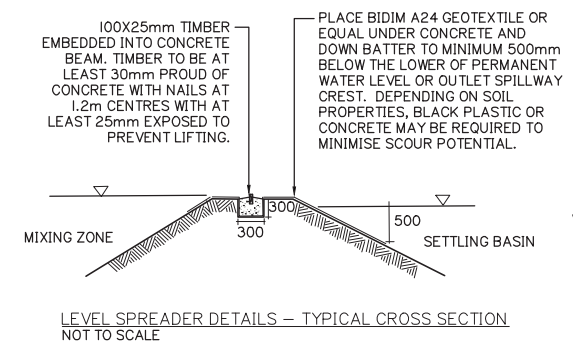
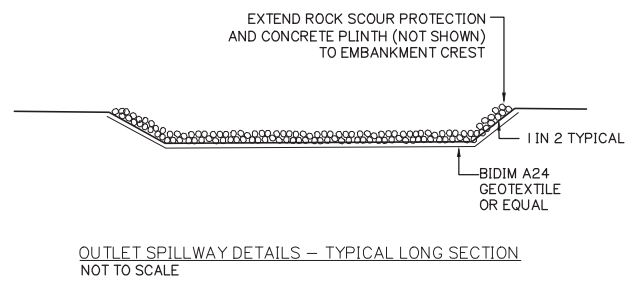
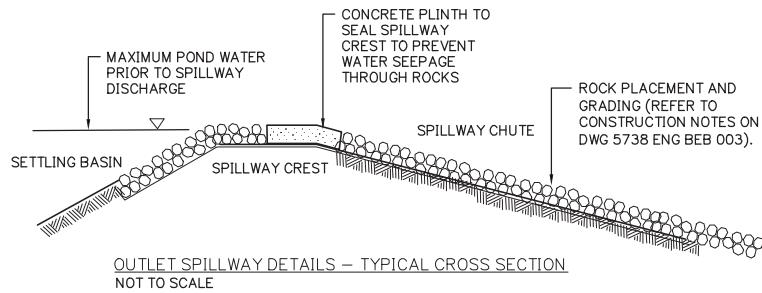
PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL
Application No: OPW201801218
Dated: 11 December 2018
Development shall comply with the
conditions of approval as detailed in the
Decision Notice and Council's Planning
Scheme, Local Laws and Planning Policies



- NOTES**
- 1. SEDIMENT AND EROSION CONTROL PLAN IS INDICATIVE ONLY. THE CONTRACTOR MUST TAKE ADDITIONAL MEASURES IF REQUIRED ONSITE DURING CONSTRUCTION AND MAINTENANCE PERIODS.
 - 2. CONTRACTOR EROSION AND SEDIMENT CONTROL PLAN SHOULD COMPLY WITH ALL COUNCIL AND STATE REQUIREMENTS AND BE IN LINE WITH IECA BEST PRACTICE GUIDELINES AND THE HIGH EFFICIENCY SEDIMENT BASIN DESIGN DETAILS AS INDICATED.
 - 3. CONTRACTOR TO OBTAIN SEDIMENT AND EROSION CONTROL PLAN APPROVAL FROM RELEVANT AUTHORITY BEFORE THE COMMENCEMENT OF WORKS.
 - 4. PROVIDE TEMPORARY FENCING TO PERIMETER OF SEDIMENT BASINS FOR SAFETY.

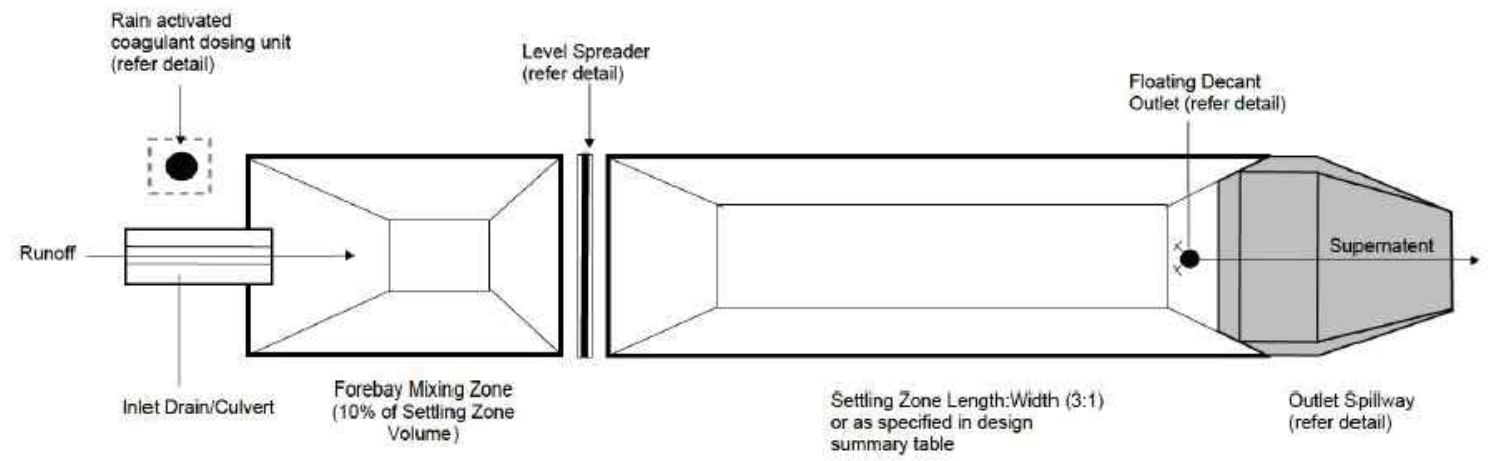
- LEGEND**
- LOT BOUNDARY
 - LIMIT OF WORKS
 - CATCH DRAIN
 - 28.60 EXISTING CONTOURS (MINOR)
 - 29.00 EXISTING CONTOURS (MAJOR)
 - 31.20 DESIGN CONTOURS (MINOR)
 - 31.00 DESIGN CONTOURS (MAJOR)

SEDIMENT BASIN B – LAYOUT PLAN
I: 500 @ A1



Type A Sediment Basin Long Section (Typical NTS)

DESIGN SEDIMENT BASIN PARAMETERS															
BASIN ID	SETTLING ZONE (incl. sediment storage)				FOREBAY				HYDRAULIC CONTROLS						
	VOLUME (m3)	LENGTH (m)	WIDTH (m)	DEPTH (m)	VOLUME (m3)	LENGTH (m)	WIDTH (m)	DEPTH (m)	SPILLWAY CREST LENGTH (m)	SPILLWAY CREST (RL)	EMBANKMENT (RL)	LEVEL SPREADER CREST (RL)	FLUME BASE WIDTH (m)	FLUME BATTERS (X:1)	FLUME DEPTH (m)
B	2976.50	84.00	28.00	1.98	466.17	8.40	28.00	1.98	19.60	12.53	13.18	12.73	0.80	4.00	0.30



Type A Sediment Basin Plan View (Typical NTS)

PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No: OPW201801218

Dated: 11 December 2018

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies



Client:
KS8 Pty. Ltd.

Site Address:
**60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON**

RPD:
Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: 0.25m
PSM:
RL:

**ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION**

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES
© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE
**CONSTRUCTION PHASE
SEDIMENT BASIN B LAYOUT
PLAN AND DETAILS**

Issue	Date	Original Issue Description	GCP	MD
A	25-05-18		DRN	CHK

SCALE IN METRES
0 10 20 30 40 50
1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1:	1:500
Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No: 5738 ENG BEB 025
Rev. No: A



Client

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: 0.25m
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

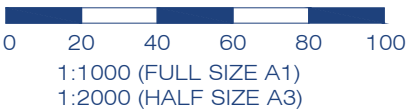
© 2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

CONSTRUCTION PHASE
SEDIMENT BASIN C LAYOUT
PLAN AND DETAILS

A	25-05-18	ORIGINAL ISSUE	GCP
nue	Date	Description	DRN
			MG
			CHK

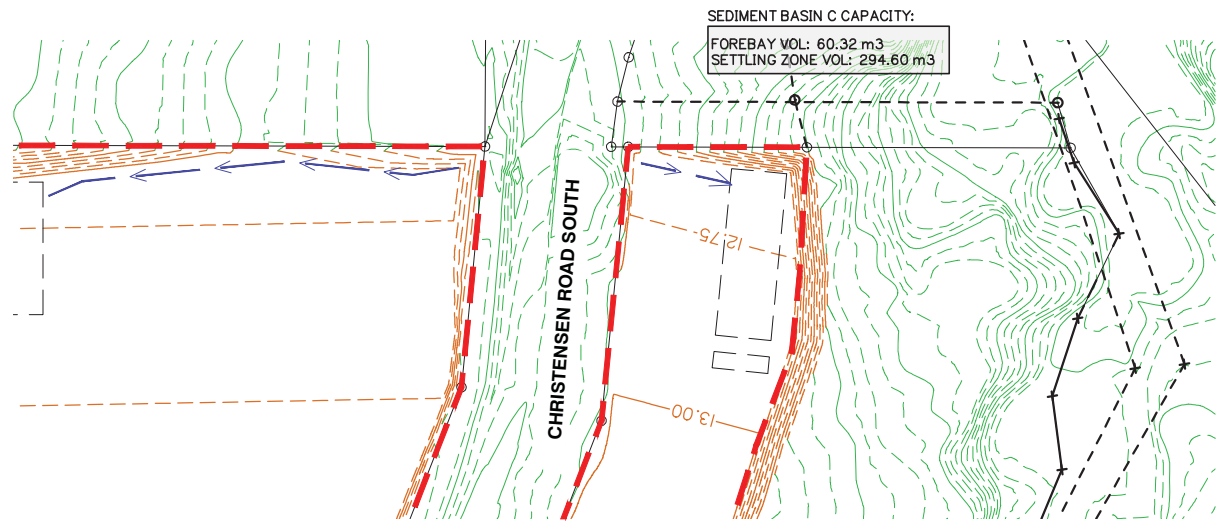
SCALE IN METRES



Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 026	A



NOTES

1. SEDIMENT AND EROSION CONTROL PLAN IS INDICATIVE ONLY. THE CONTRACTOR MUST TAKE ADDITIONAL MEASURES IF REQUIRED ONSITE DURING CONSTRUCTION AND MAINTENANCE PERIODS.
2. CONTRACTOR EROSION AND SEDIMENT CONTROL PLAN SHOULD COMPLY WITH ALL COUNCIL AND STATE REQUIREMENTS AND BE IN LINE WITH IECA BEST PRACTICE GUIDELINES AND THE HIGH EFFICIENCY SEDIMENT BASIN DESIGN DETAILS AS INDICATED.
3. CONTRACTOR TO OBTAIN SEDIMENT AND EROSION CONTROL PLAN APPROVAL FROM RELEVANT AUTHORITY BEFORE THE COMMENCEMENT OF WORKS.
4. PROVIDE TEMPORARY FENCING TO PERIMETER OF SEDIMENT BASINS FOR SAFETY.

LEGEND

-
- LOT BOUNDARY
 LIMIT OF WORKS
 CATCH DRAIN
 EXISTING CONTOURS (MINOR)
 EXISTING CONTOURS (MAJOR)
 DESIGN CONTOURS (MINOR)
 DESIGN CONTOURS (MAJOR)

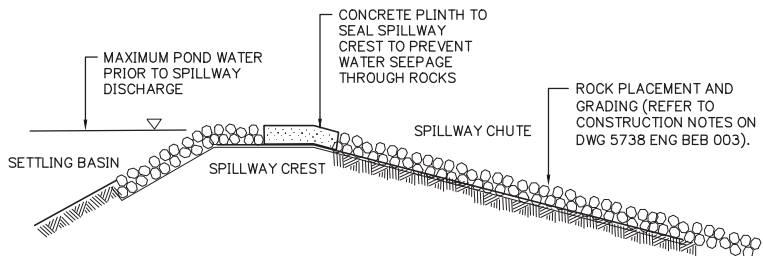
Scale 1:500 - Lengths are in Metres.



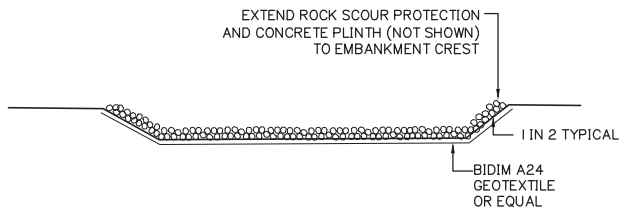
5 10 15 20 25 30 35 40

SEDIMENT BASIN C – LAYOUT PLAN

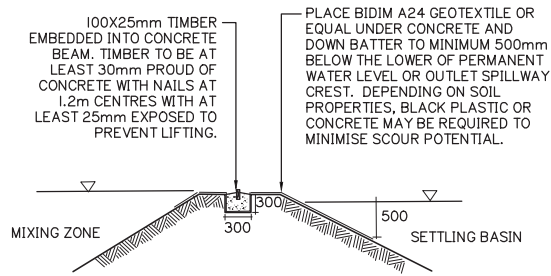
I: 500 @ AI



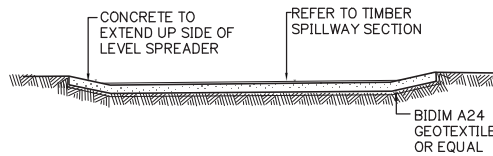
OUTLET SPILLWAY DETAILS – TYPICAL CROSS SECTION
NOT TO SCALE



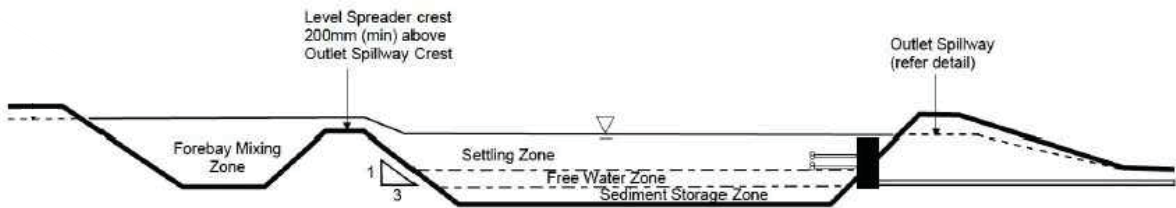
OUTLET SPILLWAY DETAILS – TYPICAL LONG SECTION
NOT TO SCALE



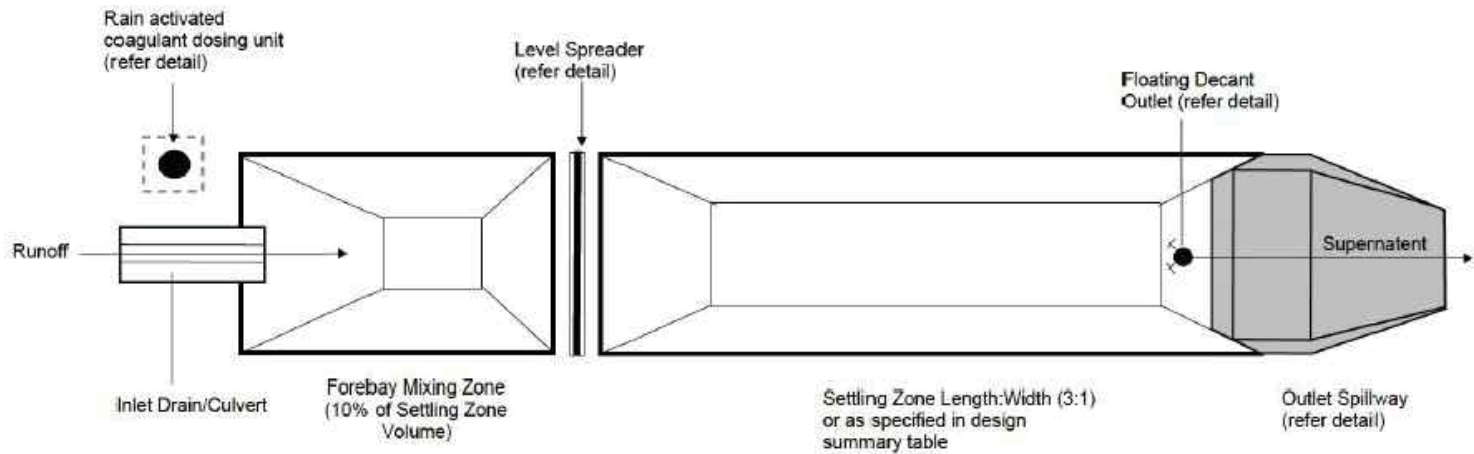
LEVEL SPREADER DETAILS – TYPICAL CROSS SECTION
NOT TO SCALE



LEVEL SPREADER DETAILS – TYPICAL LONG SECTION
NOT TO SCALE



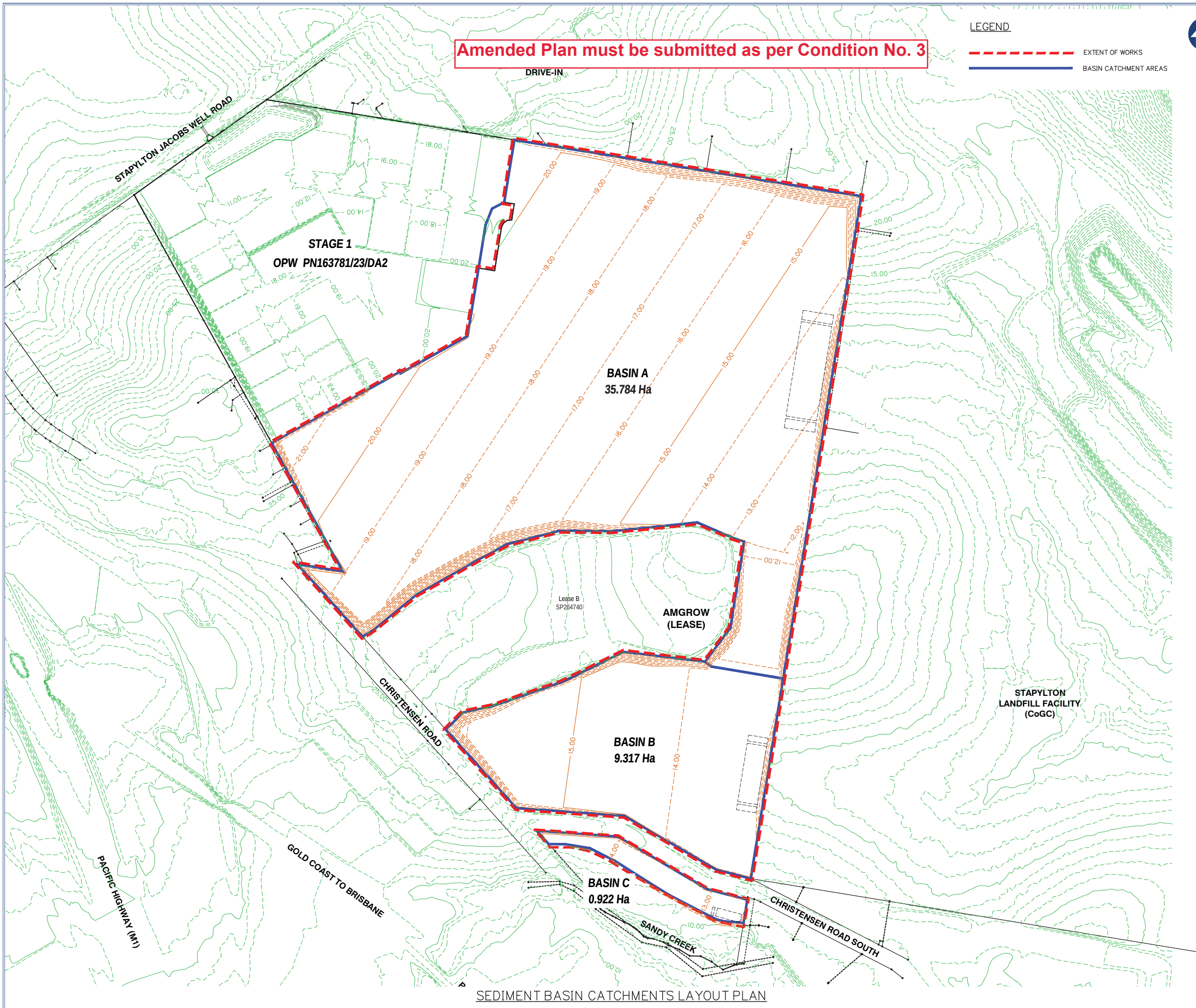
Type A Sediment Basin Long Section (Typical NTS)



Type A Sediment Basin Plan View (Typical NTS)

Amended Plan must be submitted as per Condition No. 3

CONSTRUCTION PHASE SEDIMENT BASIN C LAYOUT PLAN AND DETAILS



Amended Plan must be submitted as per Condition No. 3

LEGEND

EXTENT OF WORKS

BASIN CATCHMENT AREAS



g a s s m a n
development
perspectives

planning | environment | landscape | engineering | survey
T: 3807 3333 | F: 3287 5461 | www.gassman.com.au
Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish:	Albert
County:	Ward
Local Authority:	City of Gold Coast Council
Level Datum:	AHD
Meridian:	IS216853
Contour Interval:	-
PSM:	
RL:	

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

SEDIMENT BASIN CATCHMENTS LAYOUT PLAN

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRI	CHK

SCALE IN METRES



0 50 100 150 200 250

1:2500 (FULL SIZE A1)

1:5000 (HALF SIZE A3)

Scale at A1: 1:2500

Designed:	IG
-----------	----

Drafted:	GCP
----------	-----

Approved:	MAO
-----------	-----

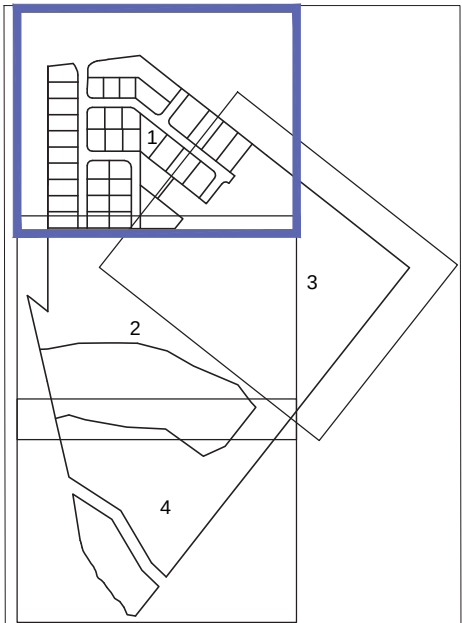
RPEQ:	169.39
-------	--------

Signed:	
---------	---

Date:	25-05-18
-------	----------

Drawing No:	Rev. No:
5738 ENG BEB 027	A

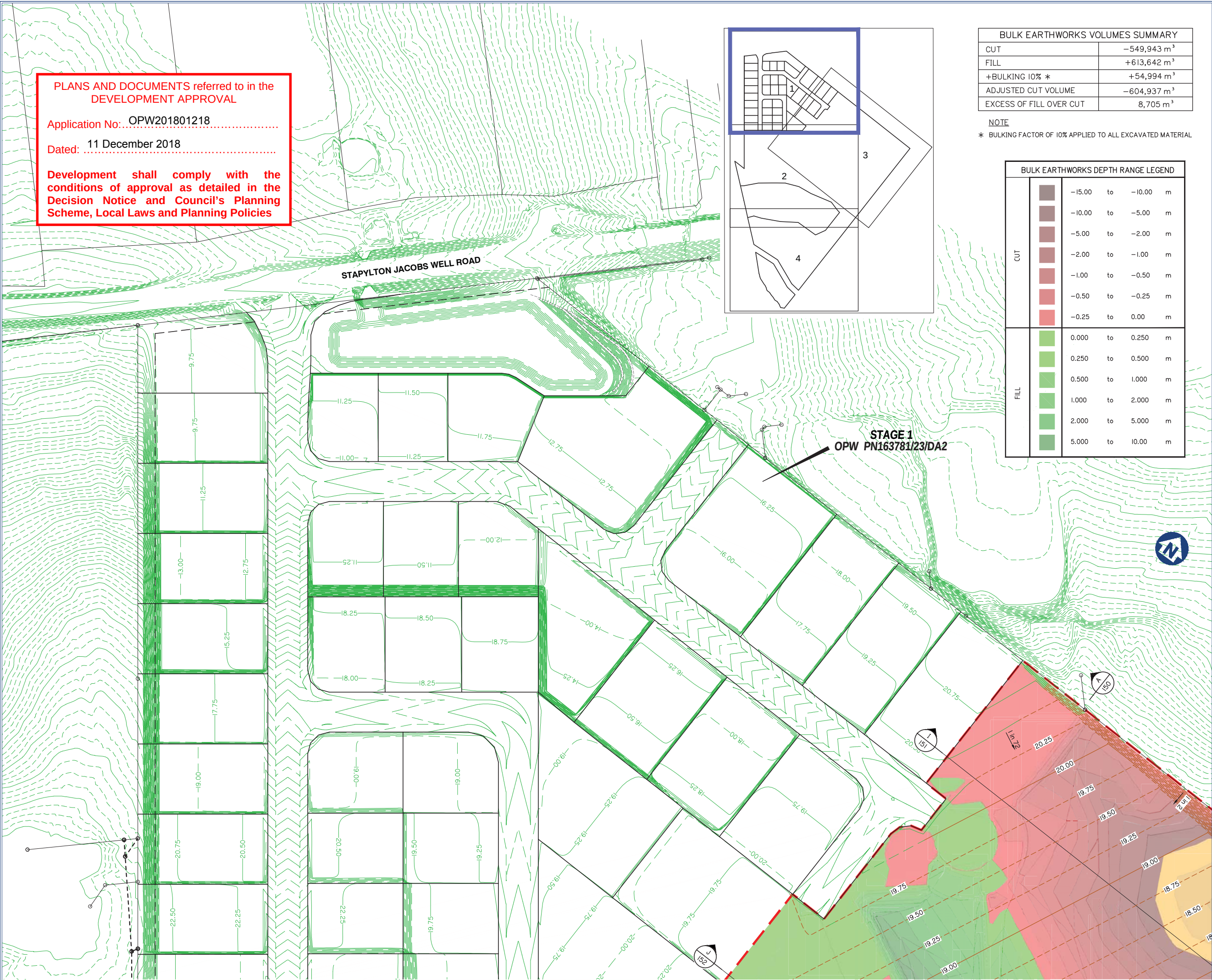
Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies



BULK EARTHWORKS VOLUMES SUMMARY	
CUT	-549,943 m ³
FILL	+613,642 m ³
+BULKING 10% *	+54,994 m ³
ADJUSTED CUT VOLUME	-604,937 m ³
EXCESS OF FILL OVER CUT	8,705 m ³

NOTE
* BULKING FACTOR OF 10% APPLIED TO ALL EXCAVATED MATERIAL

BULK EARTHWORKS DEPTH RANGE LEGEND				
CUT		-15.00	to	-10.00 m
		-10.00	to	-5.00 m
		-5.00	to	-2.00 m
		-2.00	to	-1.00 m
		-1.00	to	-0.50 m
		-0.50	to	-0.25 m
		-0.25	to	0.00 m
FILL		0.000	to	0.250 m
		0.250	to	0.500 m
		0.500	to	1.000 m
		1.000	to	2.000 m
		2.000	to	5.000 m
		5.000	to	10.00 m



planning | environment | landscape | engineering | survey

T: 3807 3333 | F: 3287 5461 | www.gassman.com.au

Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client: KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:
Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

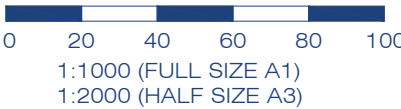
©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 1 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES



Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 050	A



NOTE

REFER TO DRAWING 5738 ENG BEB 050
FOR CUT & FILL LEGEND AND VOLUMES.

 gassman development perspectives planning environment landscape engineering survey T: 3807 3333 F: 3287 5461 www.gassman.com.au Gold Coast & Logan 76 Business Street, Yatala QLD PO Box 392, Beenleigh 4207				
Client: KS8 Pty. Ltd.				
Site Address: 60 STAPLYTON JACOBS WELL ROAD, STAPYLTON				
RPD: Lot / Plan: 1 on RP6882 240 on W31320 Parish: Albert County: Ward Local Authority: City of Gold Coast Council Level Datum: AHD Meridian: IS216853 Contour Interval: - PSM: RL:				
ISSUED FOR APPROVAL NOT FOR CONSTRUCTION				
DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES				
© 2012 Gassman Development Perspectives All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.				
DRAWING TITLE BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 2 OF 4				
A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DPRN	CHK
SCALE IN METRES				
020406080100 1:1000 (FULL SIZE A1) 1:2000 (HALF SIZE A3)				
Scale at A1:		1:1000		
Designed:		IG		
Drafted:		GCP		
Approved:		MG		
RPEQ:		16939		
Signed:				
Date:		25-05-18		
Drawing No:		Rev. No:		
5738 ENG BEB 051		A		

REFER TO DRAWING 5738 ENG BEB 050
FOR CUT & FILL LEGEND AND VOLUMES.



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

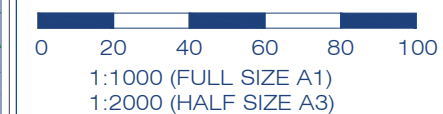
©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 3 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MO
Issue	Date	Description	CRI	CHK

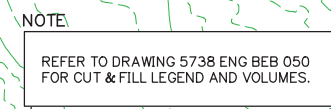
SCALE IN METRES

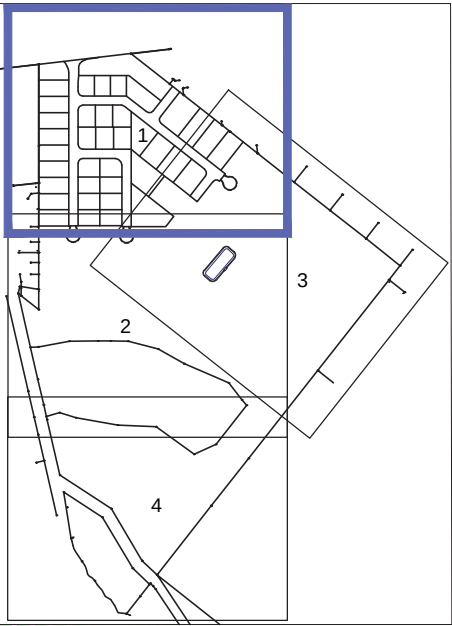


Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

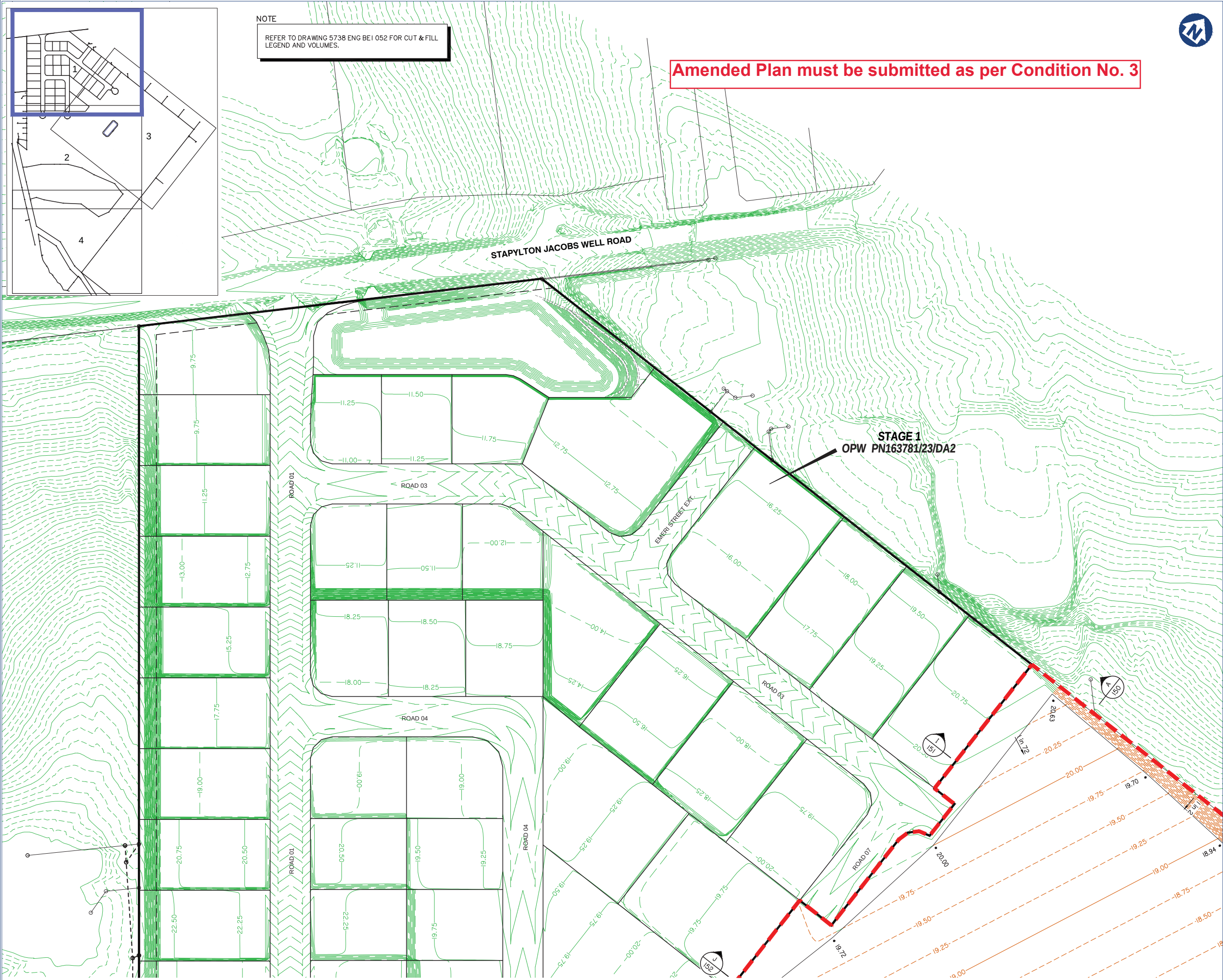
Drawing No:	Rev. No:
5738 ENG BEB 052	A





NOTE
REFER TO DRAWING 5738 ENG BE1 052 FOR CUT & FILL
LEGEND AND VOLUMES.

Amended Plan must be submitted as per Condition No. 3



FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 1 OF 4



planning | environment | landscape | engineering | survey
T: 3807 3333 | F: 3287 5461 | www.gassman.com.au
Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beerleigh 4207

Client:
KS8 Pty. Ltd.

Site Address:
60 STAPYLTON JACOBS
WELL ROAD, STAPYLTON

RPD:
Lot / Plan: 1 on RP6882
240 on W31320
Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE
FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN
SHEET 1 OF 4

A		ORIGINAL ISSUE		GCP		MG	
Issue	Date	Description		DRN	CHK	CHK	CHK
1	25-05-18						

SCALE IN METRES



Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No: 5738 ENG BEB 100
Rev. No: A



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN
SHEET 2 OF 4

A Issue	25-05-18 Date	ORIGINAL ISSUE Description	GCP DRN	MG CHK

Map Scale	Percentage
1:1000 (FULL SIZE A1)	20%
1:2000 (HALF SIZE A3)	20%
1:5000 (QUARTER SIZE A4)	20%
1:10000 (EIGHTH SIZE A5)	40%

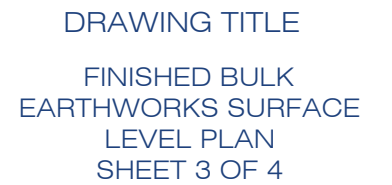
Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:
5738 ENG BEB 101

Rev. No:
A

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

[illegible][illegible]

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 102	A



Client: KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council

Level Datum: AHD
Meridian: IS216853
Contour Interval: -

PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

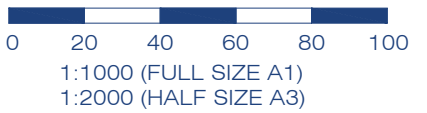
©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN
SHEET 4 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Sue	Date	Description	DRN	CHK

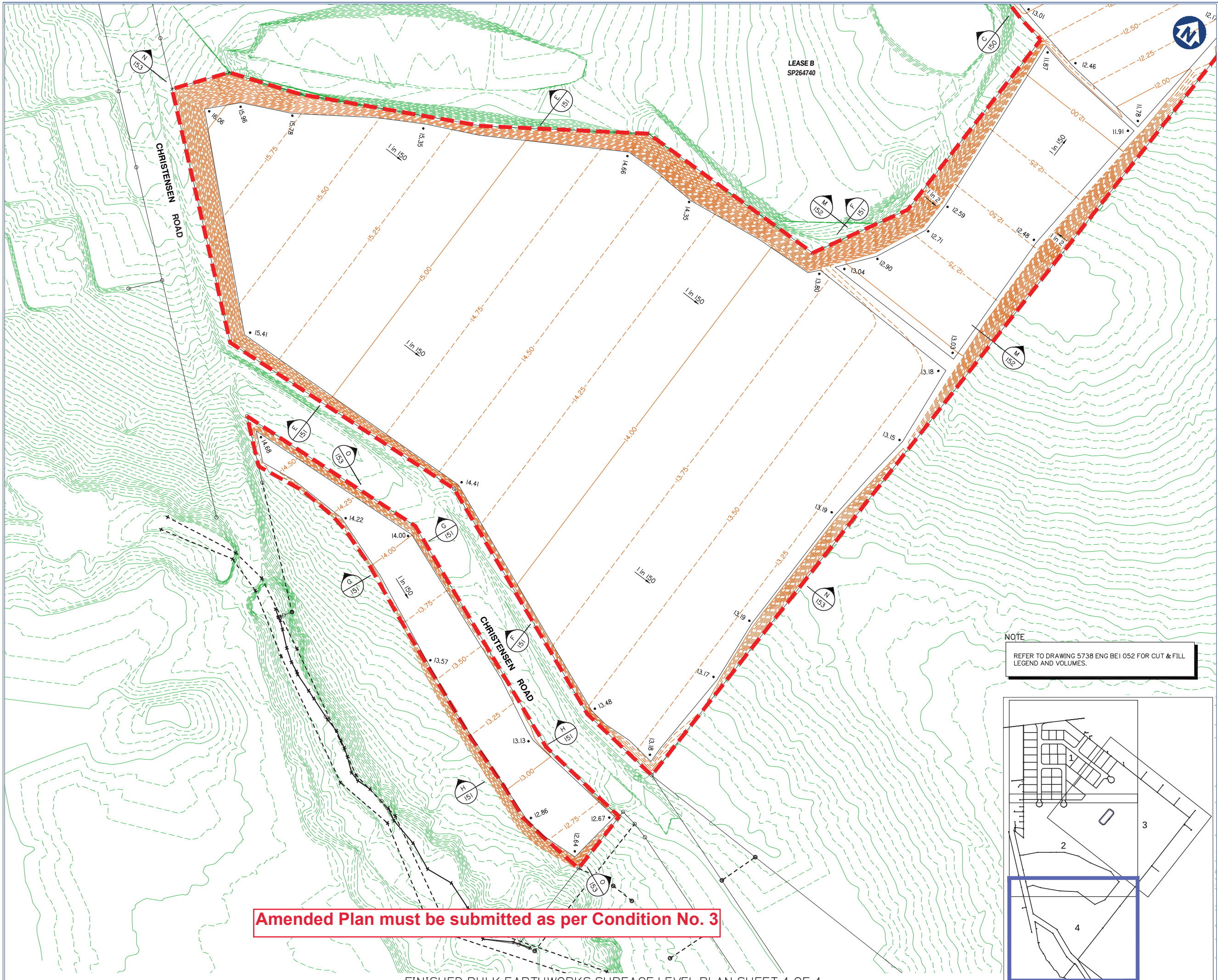
SCALE IN METRES



Scale at A1: 1:1000

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

Drawing No:	Rev. No:
5738 ENG BEB 103	A



Amended Plan must be submitted as per Condition No. 3

FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 4 OF 4



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

FINISHED EARTHWORKS
SURFACE CROSS-SECTION
SHEET 1 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

HOR. SCALE 1:1000

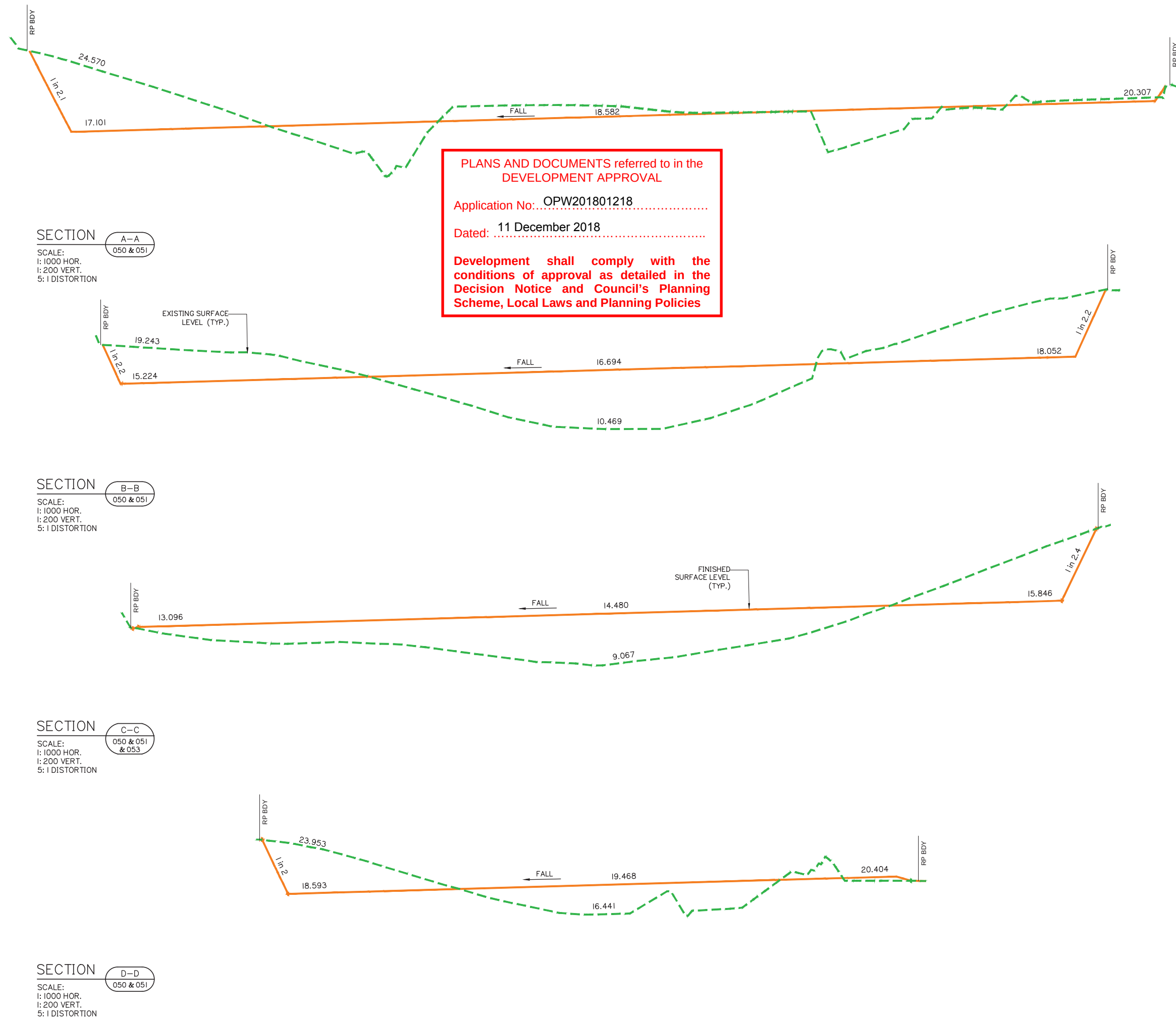
0 20 40 60

2 4 6 8 10 12

VERT. SCALE 1:200

Date:	25-05-18
-------	----------

Rev. No:
A



FINISHED EARTHWORKS SURFACE CROSS SECTION

Drawing No:	Rev. No:
5738 ENG BEB 151	A



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast
Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

FINISHED EARTHWORKS
SURFACE CROSS-SECTION
SHEET 3 OF 4

HOR. SCALE 1:1000

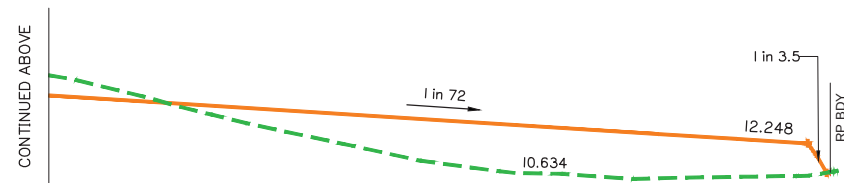
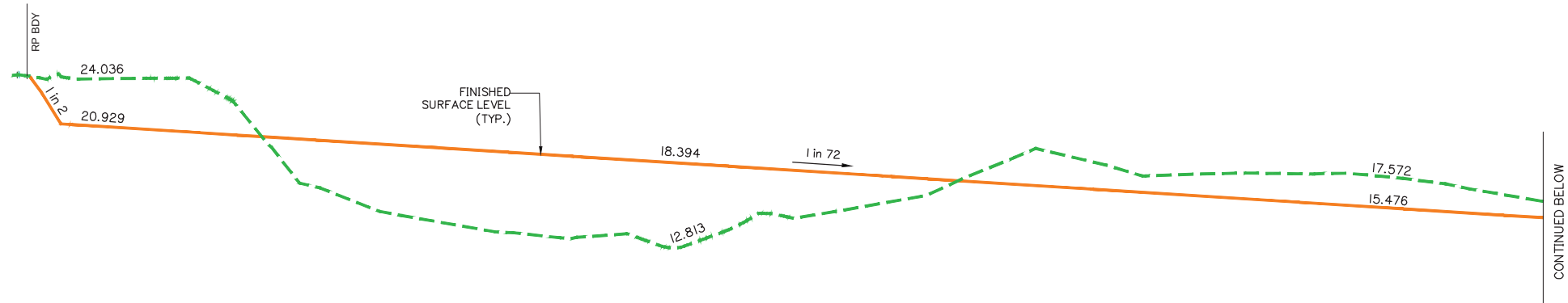
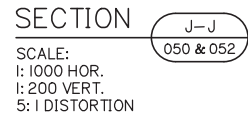
0 20 40 60

2 4 6 8 10 12

VERT. SCALE 1:200

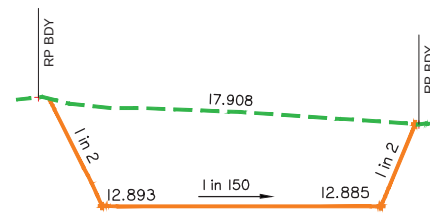
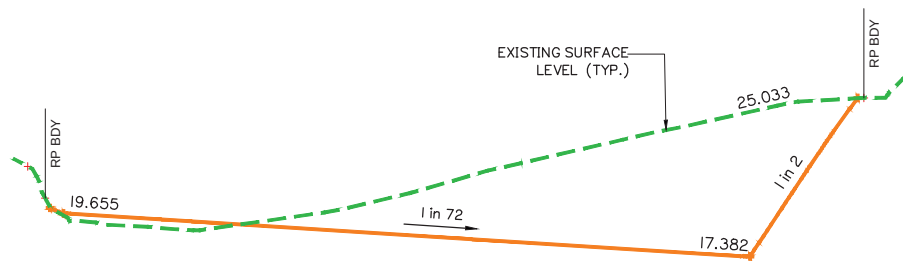
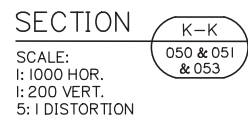
Scale at A1: 1:1000 HORIZ. 1:200 VERT.

Date:	25-05-18
-------	----------

Rev. No:
A

Dated: 11 December 2018

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies



SECTION _____ M-M
SCALE: 053
1: 1000 HOR.
1: 200 VERT.
5: 1 DISTORTION

SECTION _____ L-L
SCALE: 051
1: 1000 HOR.
1: 200 VERT.
5: 1 DISTORTION

FINISHED EARTHWORKS SURFACE CROSS SECTION



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320

Parish: Albert
County: Ward
Local Authority: City of Gold Coast Council
Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

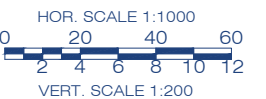
©2012 Gassman Development Perspectives
All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the written permission of Gassman Development Perspectives.

DRAWING TITLE

FINISHED EARTHWORKS
SURFACE CROSS-SECTION
SHEET 4 OF 4

A	25-05-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

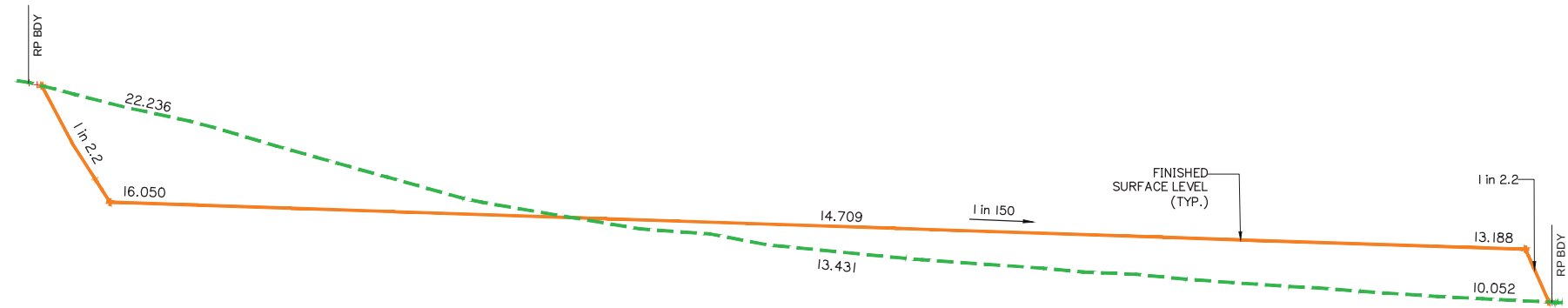
SCALE IN METRES



Scale at A1: 1:1000 HORIZ. 1:200 VERT.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	25-05-18

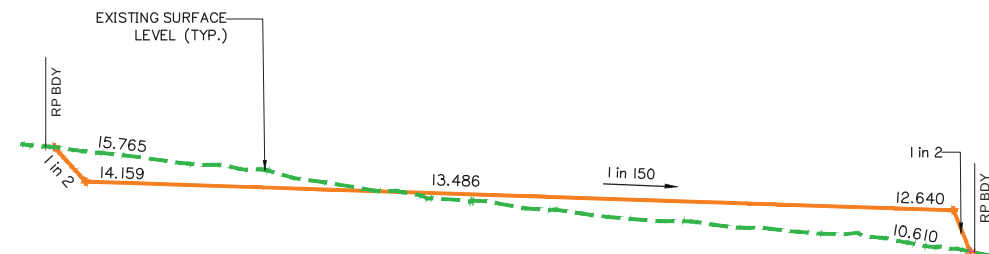
Drawing No:	Rev. No:
5738 ENG BEB 153	A



SECTION

SCALE:
1: 1000 HOR.
1: 200 VERT.
5: 1 DISTORTION

N-N
053



SECTION

SCALE:
1: 1000 HOR.
1: 200 VERT.
5: 1 DISTORTION

$$\begin{array}{r} 0-0 \\ \hline 053 \end{array}$$

PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No: OPW201801218

Dated: 11 December 2018

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

FINISHED EARTHWORKS SURFACE CROSS SECTION