

OPERATIONAL WORKS APPLICATION FOR CHANGE TO GROUND LEVEL M38 INDUSTRIAL PARK YATALA



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Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, BE1enleigh 4207

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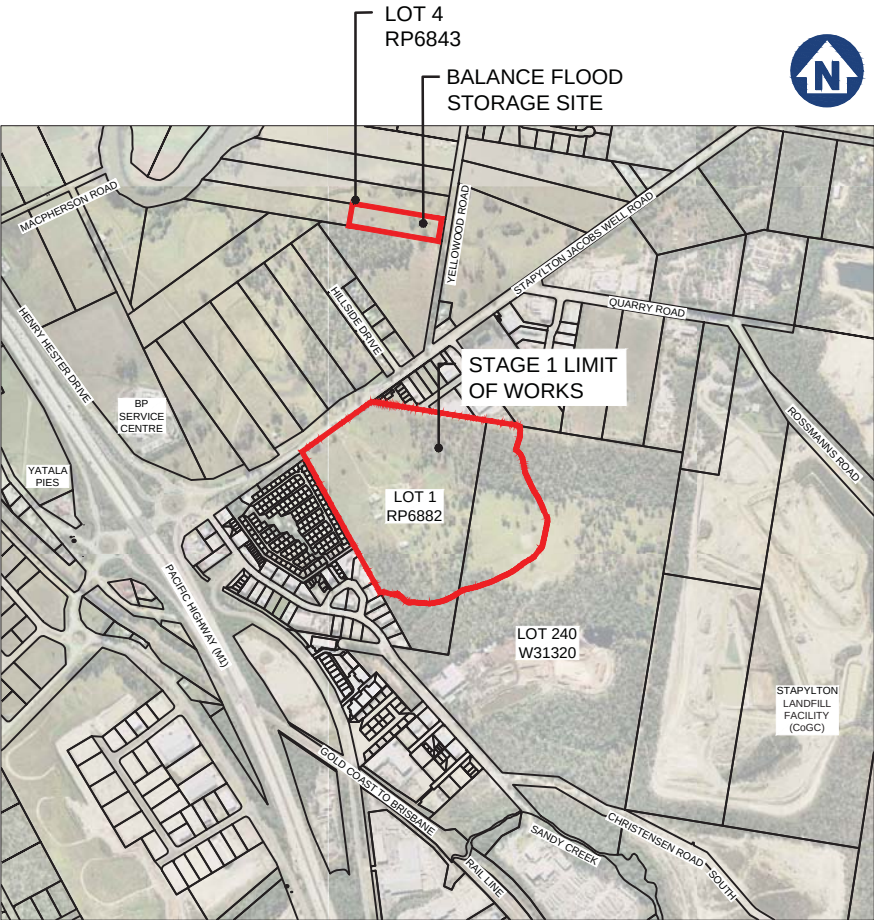
MAY 2018

CLIENT

KS8 Pty. Ltd.

SITE ADDRESS

LOT 1 on RP6882,
LOT 240 on W31320
60 STAPYLTON JACOBS WELL ROAD
STAPYLTON, QLD 4207
and
LOT 4 on RP6843
31 YELLOWWOOD ROAD
STAPYLTON, QLD 4207



NOT TO SCALE

LOCALITY PLAN

SURVEY CONTROL DETAILS

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

DWG No. 5738 ENG BE1 001 - B



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

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LEGEND

B A	11-05-18	INFORMATION REQUEST RESPONSE	GCP	M3
Issue	09-02-18	ORIGINAL ISSUE	GCP	M3
	Date	Description	DRN	CHK

NOT TO SCALE

Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 003	B

	OVERLAND FLOW PATH/SWALE
	CATCH DRAIN (NOT LINED)
	DIVERSION CHANNEL
	TABLE DRAIN
	STREAM INVERT
	CATCH DRAIN (CONCRETE LINED)
	SILT FENCE
	TREE PROTECTION FENCE
	PROPERTY LINE
	PROPERTY LINE WITH FENCE
	FACE OF KERB, FOOTPATHS
	LIP AND BACK OF KERB
	CONTROL LINE / CENTER OF ROAD
	EXISTING PROPERTY LINE
	EXISTING PROPERTY LINE WITH FENCE
	EXISTING SURVEY BOUNDARIES
	EXISTING KERB
	EXISTING EDGE OF BITUMEN
	FUTURE PROPERTY LINE
	SITE BOUNDARY
	EXISTING CONTOURS
	DESIGN CONTOURS
	EXTENT OF PAD
	Q100 EXTENT LINE
	STANDING WATER LINE

BK(A)	BARRIER KERB (A)
BK(B)	BARRIER KERB (B)
BK(G)	BARRIER KERB (G)
MK(D)	MOUNTABLE KERB (D)
SMK(C)	SEMI MOUNTABLE KERB (C)
ER(E)	EDGE RESTRAINT (E)
KER(F)	KERB EDGE RESTRAINT (F)
RK&C(H)	ROLL TOP KERB & CHANNEL (H)
BK&C(J)	BARRIER KERB & CHANNEL (J)
ERH	KERB EDGE RESTRAINT (HIGH)
ERL	KERB EDGE RESTRAINT (LOW)
CS(K/L)	CHANNEL SECTION (K/L)
PMB	PRECAST MOTOR BED
DD	DISH DRAIN
K&G	KERB AND GUTTER
K&T	KERB AND TOE
KO	KERB ONLY
MK	MOUNTABLE KERB
RK	ROLL KERB
—o—o	TANGENT POINT

 TANGENT POINT

KR01 KERB RETURN NO.

 PRAM RAMF GRAVEL ROCK CHECK DAM

 MESH & GRAVEL INLET FILTER

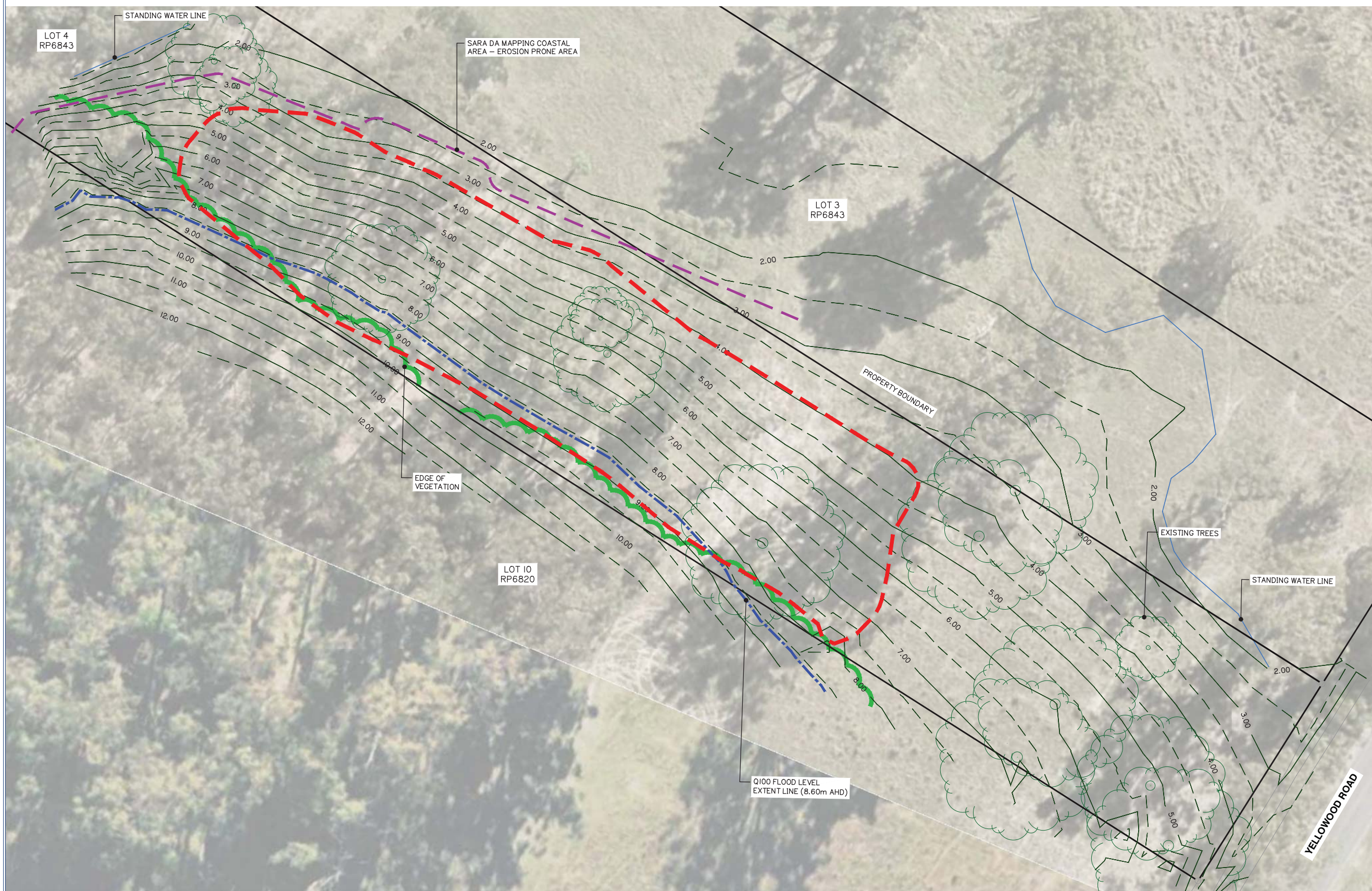
VEHICLE SHAKEDOWN:
300mm THICK LAYER OF
75mm GRAVEL LAID ON
GEOTEXTILE, GRADED
TO DRAIN AWAY FROM
SHAKEDOWN. BARRIER
TO BE PLACED AROUND
SHAKEDOWN TO ENSURE
VEHICLES USE
SHAKEDOWN.

 TREES SCOUR PROTECTION

31.87 • PAD LEVEL

32.50 LOT NUMBER

GRATED INLET PIT
MANHOLE
KERB INLET PIT WITH LINTLE
KERB INLET (SAG) PIT
INFILTRATION TRENCH
HEADWALL



LEGEND

The legend defines the following symbols:

- LOT BOUNDARY
- LIMIT OF WORKS
- EXISTING CONTOURS (MINOR)
- EXISTING CONTOURS (MAJOR)
- Q100 FLOOD LEVEL EXTENT LINE
- COASTAL AREA – EROSION PRONE AREA
- STANDING WATER LINE
- EXISTING TREES



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Gold Coast & Logan | 176 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

Client: KS8 Pty. Ltd.

Site Address:

31 YELLOWOOD ROAD,
STAPYLTON

RPD:	
Lot:	4 / RP6843
Plan:	-
Parish:	Albert
County:	Ward
Local Authority:	City of Gold Coast Council
Level Datum:	AHD
Meridian:	
Contour Interval:	0.20m
PSM:	
RL:	

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DRAWING TITLE

EXISTING FEATURES SURVEY PLAN

B	11-05-18	INFORMATION REQUEST RESPONSE		GCP	MG
A	09-02-18	ORIGINAL ISSUE		GCP	MG
Issue	Date	Description		DRN	CHK

SCALE IN METRES



Scale at A1: 1:500

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 011	B



Client: KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan:	1 on RP6882 240 on W31320 4 on RP6843
Parish:	Albert
County:	Ward
Local Authority:	City of Gold Coast Council
Level Datum:	AHD
Meridian:	IS216853
Contour Interval:	-
PSM:	
RL:	

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DRAWING TITLE

FUNCTIONAL ROAD LAYOUT PLAN OF PROPOSED SIGNALISED INTERSECTION

[illegible]

SCALE IN METRES



Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	169.39
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Signed:	<i>M. H. H.</i>
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 012	A

LEGEND

	PROPERTY BOUNDARY
	LOT BOUNDARY
	FUTURE BOULDER RETAINING WALL
	DESIGN LINEMARKING
	ROAD DEDICATION 1003/TP12020-A (27/09/12)
	ROAD DEDICATION 1003/TP1602005-A (07/09/16)

—PROPERTY BOUNDARY (PLOTTED)
NOT SURVEYED

PROPOSED FUTURE ROAD WIDENING AS PER RYTENSKILD
TRAFFIC ENGINEERING TRAFFIC IMPACT ASSESSMENT
SUBJECT TO TMR APPROVAL

STAPYLTON - JACOBS WELL ROAD

4.5m VERGE

6.0m VEG. BUFFER

ROAD 01

ROAD 03

10.0m VEG. BUFFER

3.0m WIDE
LANDSCAPED ZONE
AT TOP OF BATTER

FUNCTIONAL ROAD LAYOUT PLAN OF PROPOSED SIGNALISED INTERSECTION



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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SEDIMENT AND EROSION
CONTROL PLAN
SHEET 2 OF 6

[illegible]

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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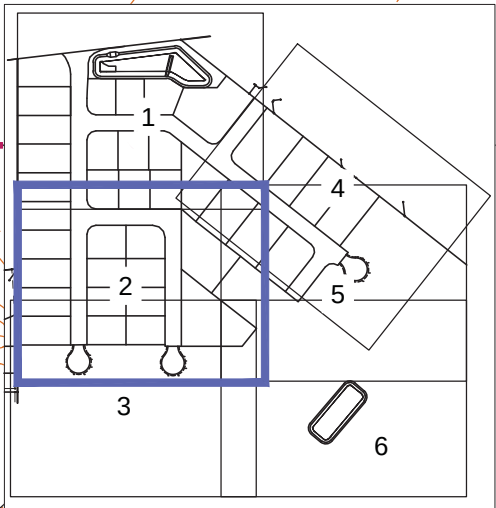
Approved:	MG
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RPEQ:	1693
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 021	B



KEY PLAN
SCALE: NTS



B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE
CONSTRUCTION PHASE
SEDIMENT BASIN 1
LAYOUT PLAN AND
DETAILS SHEET 2 OF 2

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CH-K

SCALE IN METRES
AS SHOWN

Scale at A1: AS SHOWN

Designed:	IG
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Drafted:	GCP
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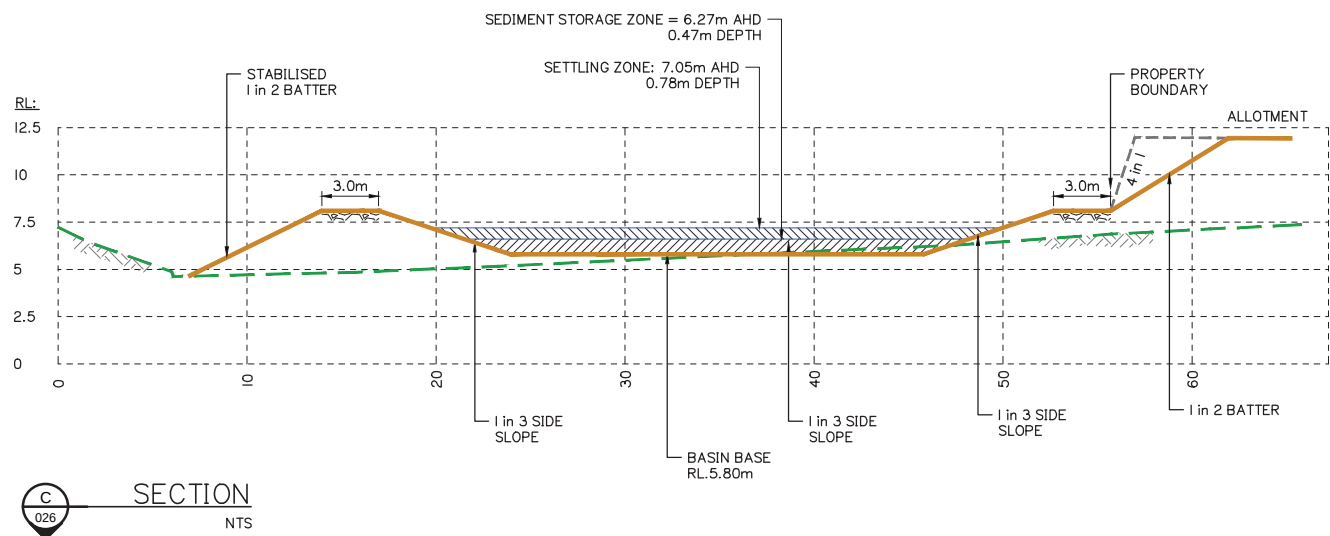
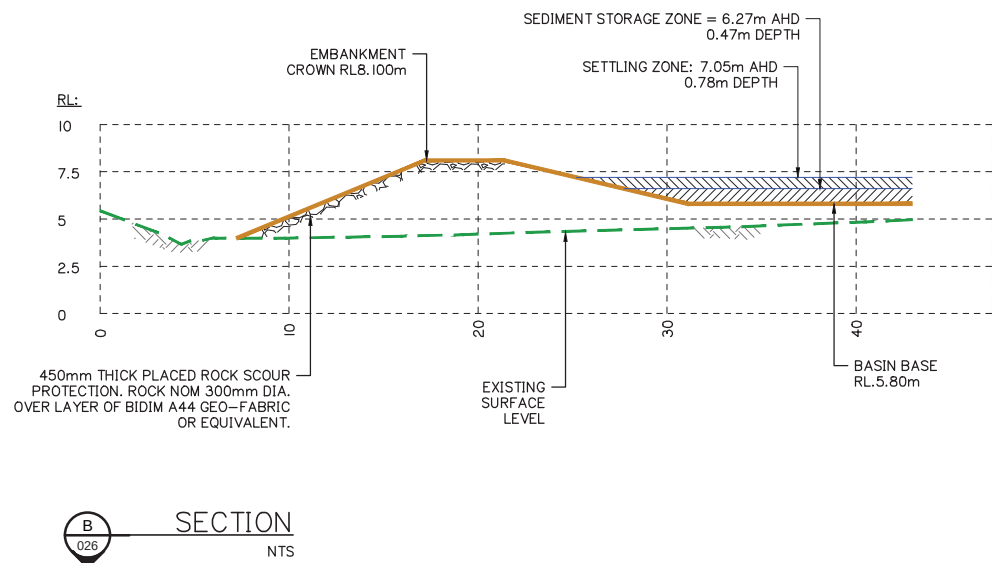
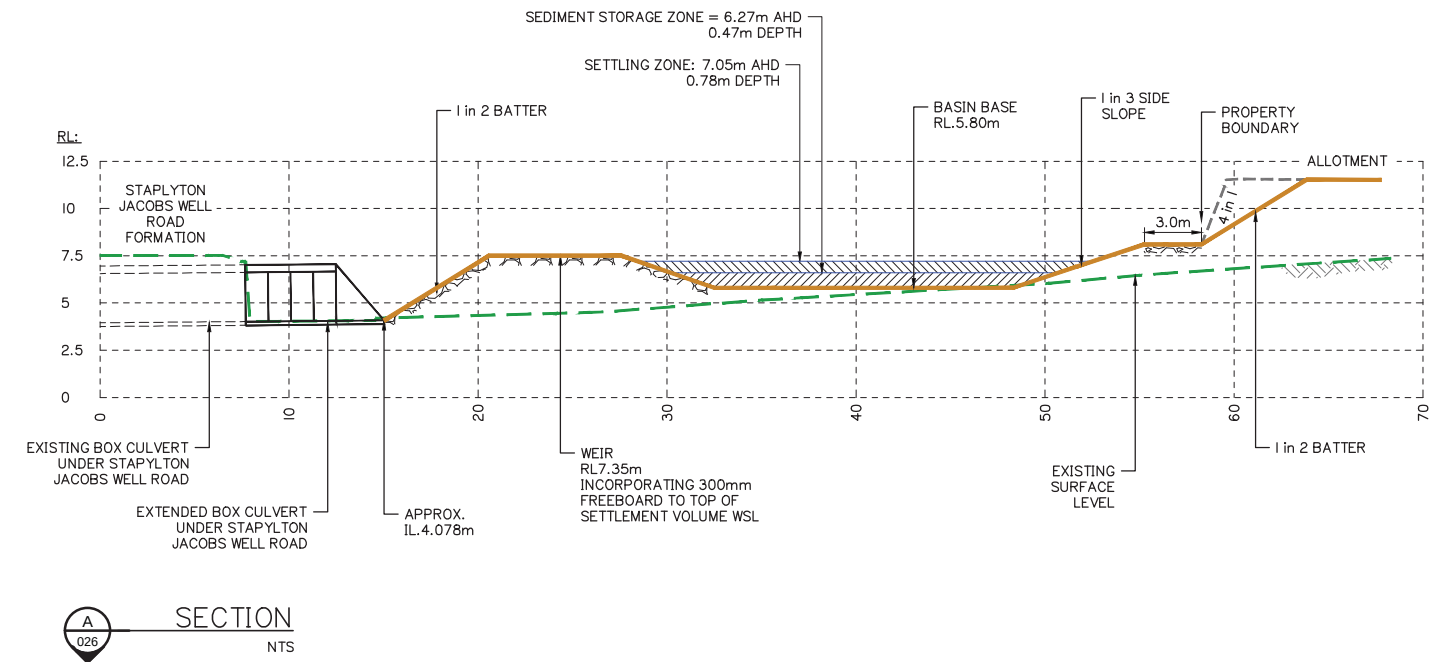
Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 027	B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE
CONSTRUCTION PHASE
SEDIMENT BASIN 2
LAYOUT PLAN AND
DETAILS SHEET 1 OF 2

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

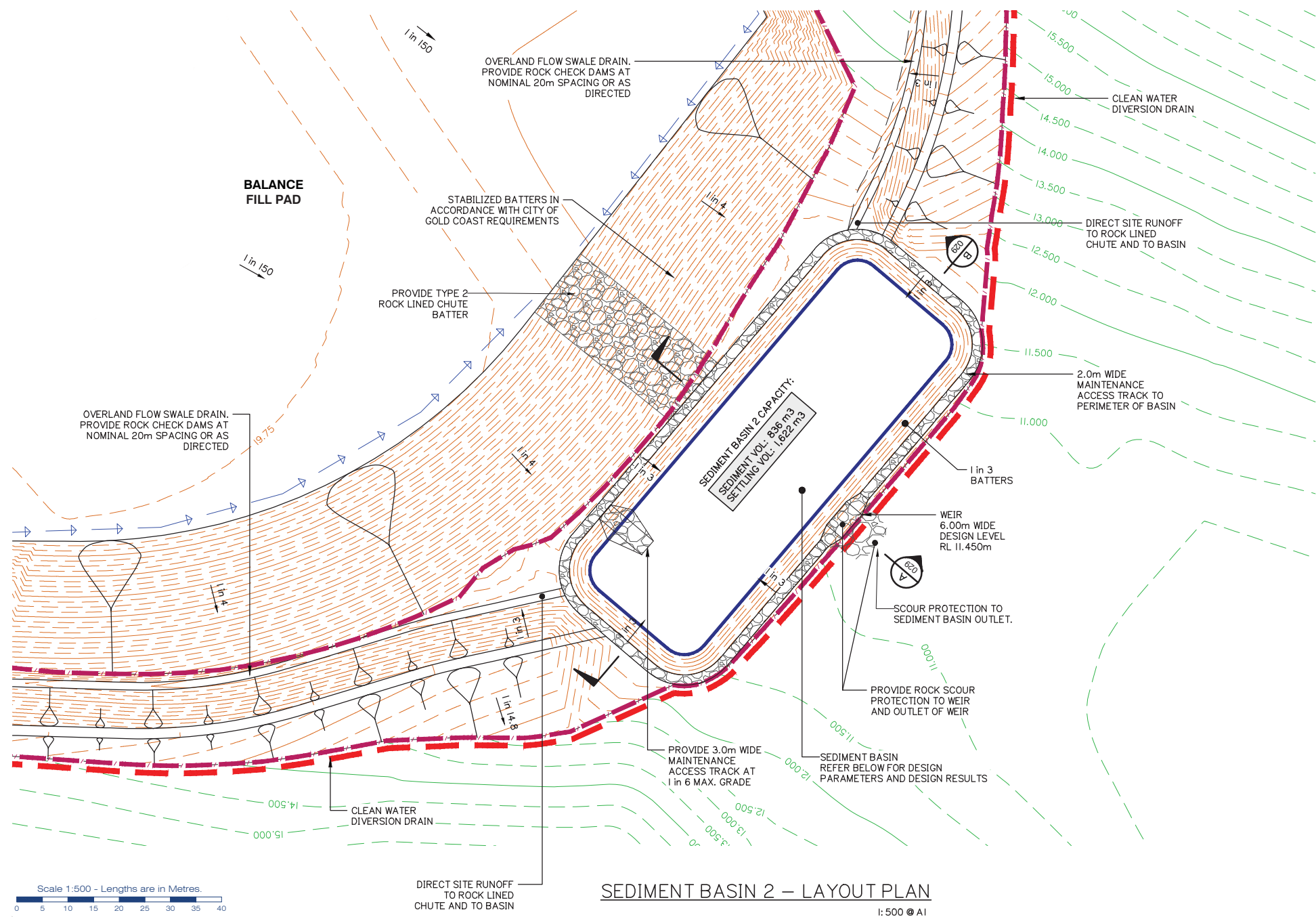
SCALE IN METRES

AS SHOWN

Scale at A1: AS SHOWN

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 028	B

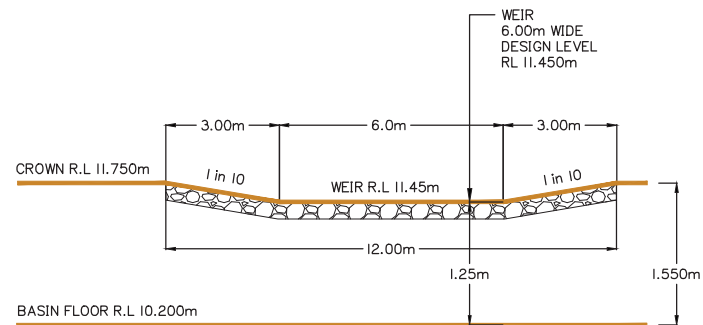


BASIN 2 – DESIGN PARAMETERS

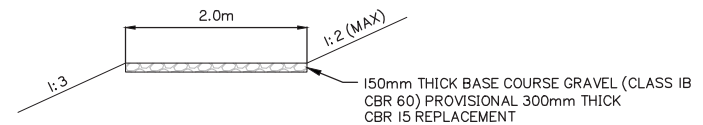
I(1YR, 120hr)	1.46
K1	33.5
K2	14.2
R(Y%, 5-DAY)	63.11
Cv	0.29
A (Ha)	8.175
Settling Zone Vol: Vs	1496
Sediment Zone Vol: Vsd	748

BASIN 2 – DESIGN RESULTS

SEDIMENT ZONE			SETTLING ZONE		
1:3 Batter Calc			1:3 Batter Calc		
INPUT NOMINATED BASIN BASE AREA		2274	INPUT NOMINATED BASE AREA		2490
INPUT NOMINATED SEDIMENT HEIGHT		0.35	INPUT NOMINATED SETTLING HEIGHT		0.6
INPUT OUTSIDE BOUNDARY LENGTH OF BASIN		219	INPUT OUTSIDE BOUNDARY LENGTH OF BASIN		237
SEDIMENT VOLUME CHECK, $V_{SED} =$		836	OK	SETTLING VOLUME CHECK, $V_s =$	
				1622	
				OK	



OVERFLOW WEIR – TYPICAL ELEVATION



MAINTENANCE ACCESS TRACK – TYPICAL SECTION
N.T.S





Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:	
Lot / Plan:	1 on RP6882 240 on W31320 4 on RP6843
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

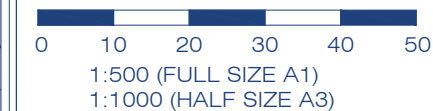
DRAWING TO BE READ IN CONJUNCTION WITH GENERAL NOTES

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DRAWING TITLE

BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 1 OF 6

SCALE IN METRES



Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	1693
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Signed:	<i>M. J. Kelly</i>
---------	--------------------

Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 050	B



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 2 OF 6

B	11-06-18		INFORMATION REQUEST RESPONSE	GDP	MG
A	09-02-18		ORIGINAL ISSUE	GDP	MG
Issue	Date		Description	DRN	CHK

1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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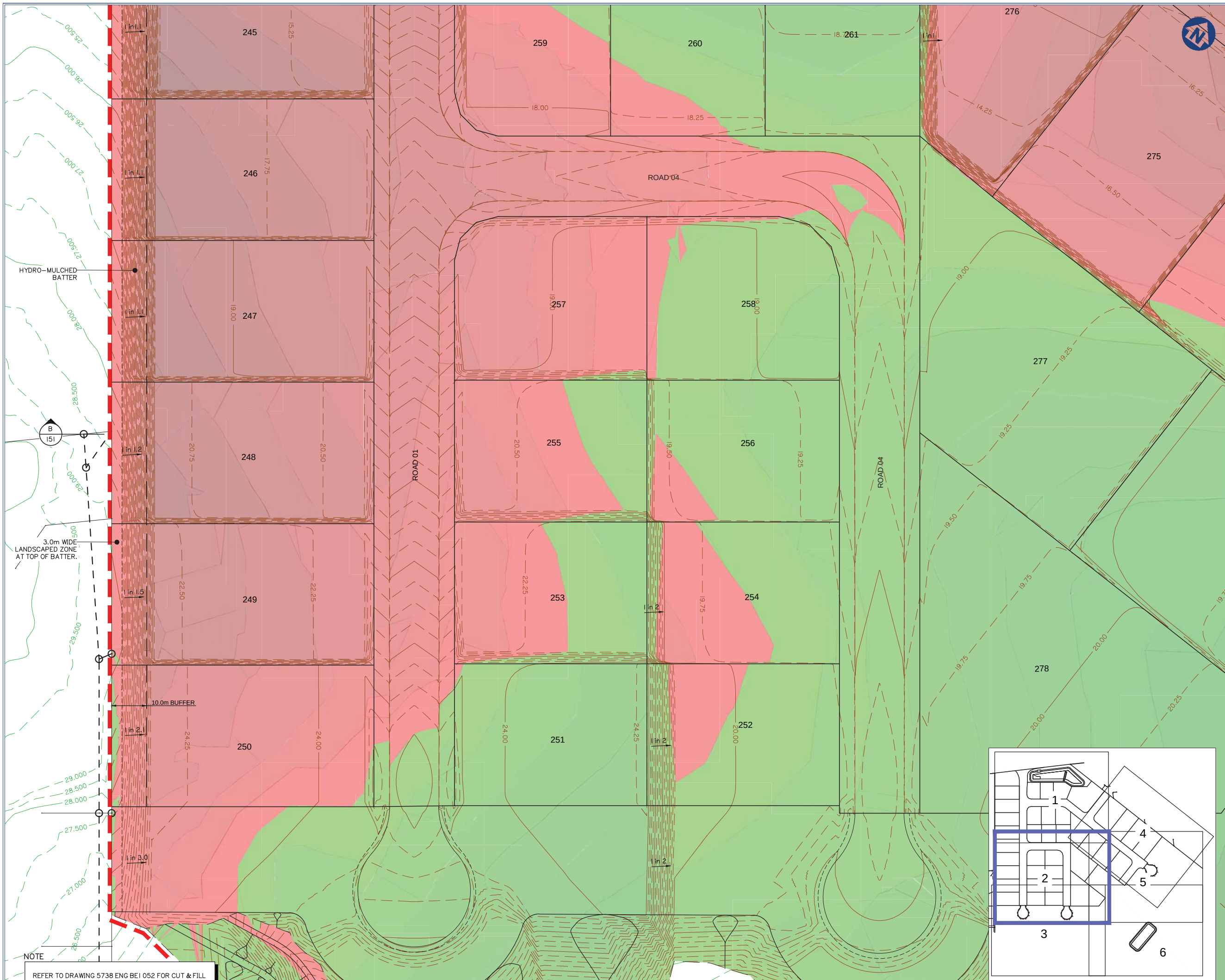
Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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Drawing No:
5738 ENG BE1 051

Rev. No:
B

KEY PLAN
SCALE: NTS

BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 2 OF 6



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 3 OF 6

[illegible]

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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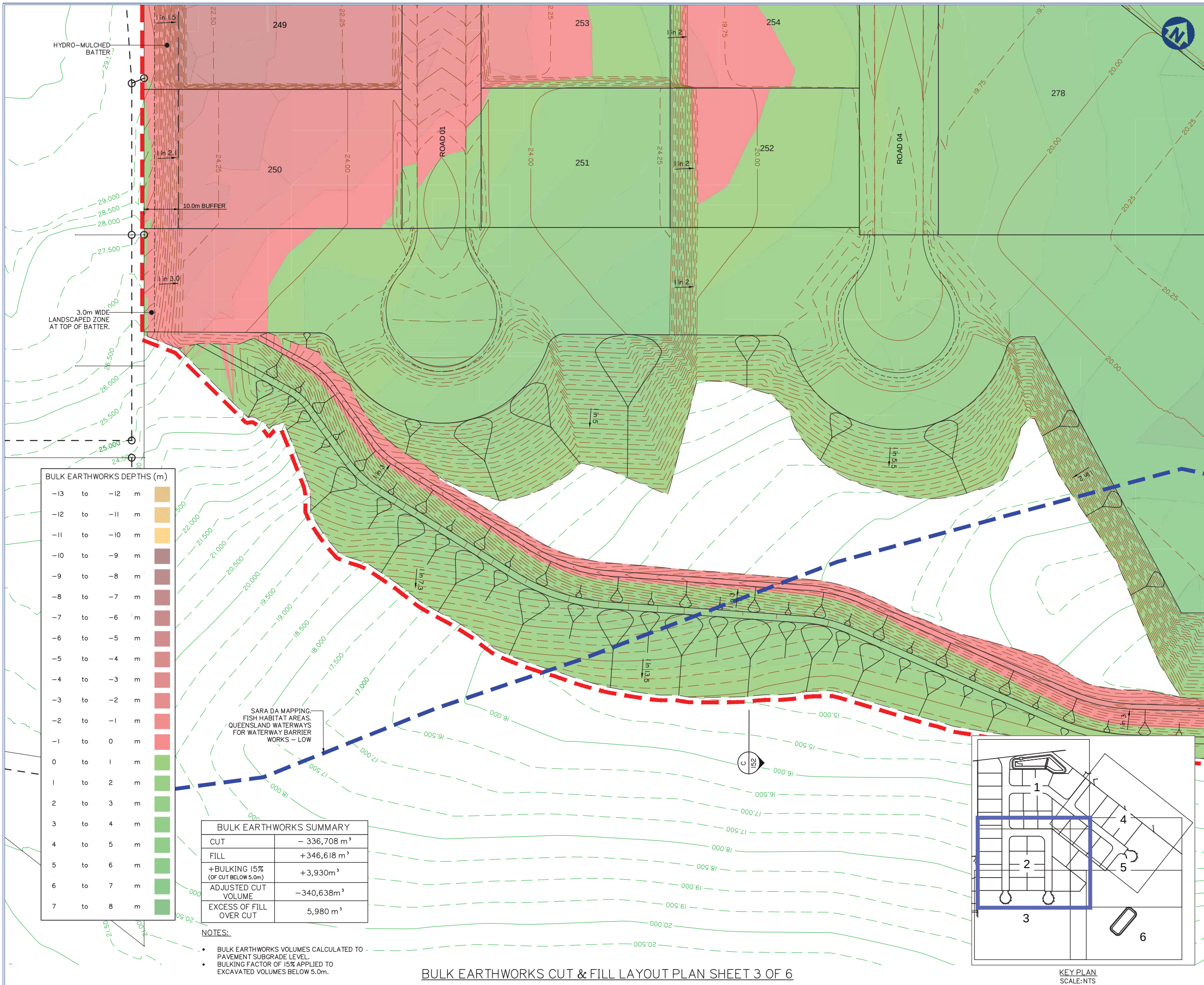
Date:	11-05-18
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Drawing No: _____ Rev. No: _____

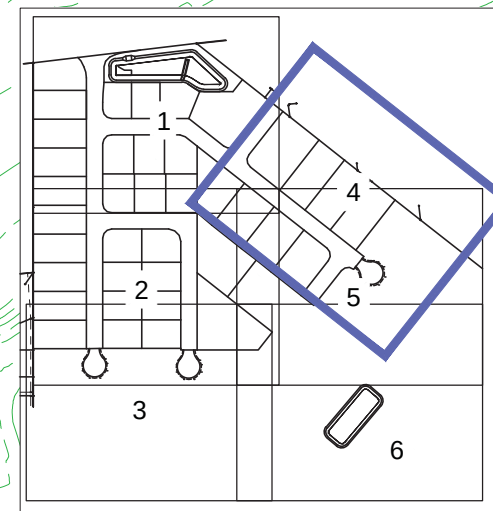
5738 ENG BE1 052

Rev. No:

B



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



KEY PLAN
SCALE: NTS



planning | environment | landscape | engineering | survey
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Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207

KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 4 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE		GOP	MG
A	09-02-18	ORIGINAL ISSUE		GCP	MJ
ISSUE	Date	Description	DRN	CHK	

SCALE IN METRES



1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	169:39
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 053	B

BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 4 OF 6



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan:	1 on RP6882 240 on W31320 4 on RP6843
Parish:	Albert
County:	Ward
Local Authority:	City of Gold Coast Council
Level Datum:	AHD
Meridian:	IS216853
Contour Interval:	-
PSM:	
RL:	

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DRAWING TITLE

BULK EARTHWORKS
CUT & FILL LAYOUT PLAN
SHEET 5 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MIG
A	09-02-18	ORIGINAL ISSUE	GCP	MIG
Issued	Date	Description	DFN	CHK

SCALE IN METRES



1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1:	1:500
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Designed:	IG
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Drafted:	GCP
----------	-----

Approved:	MG
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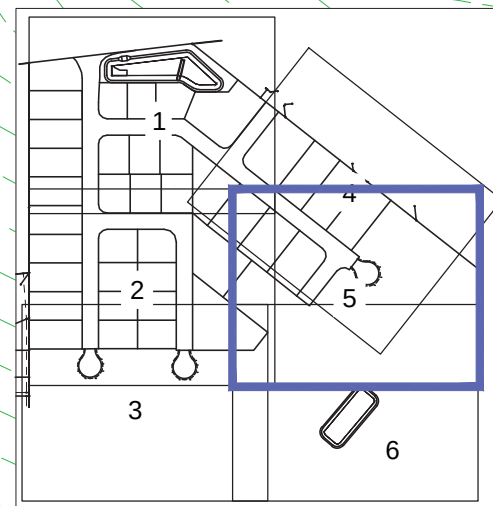
RPEQ:	16939
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Signed:	
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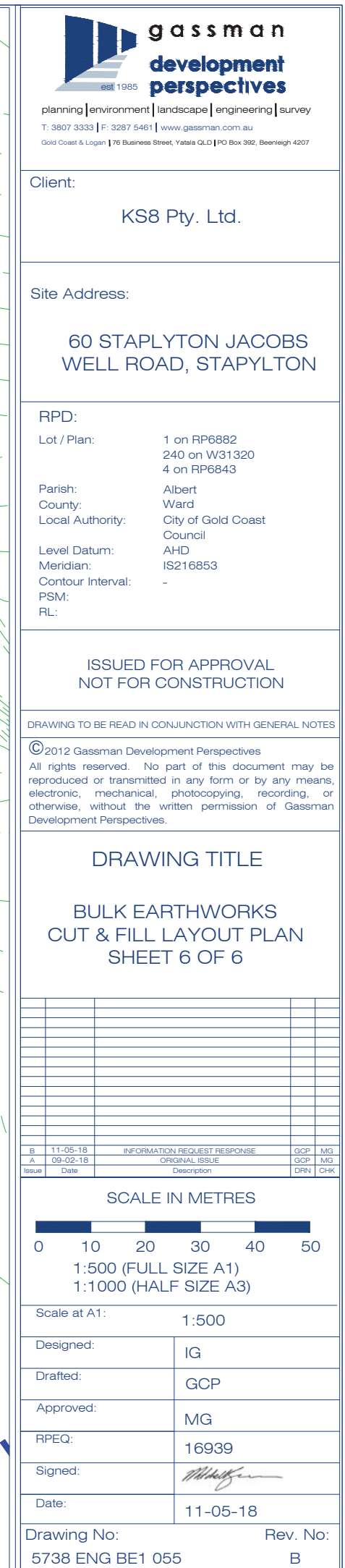
Drawing No:
5738 ENG BE1 054

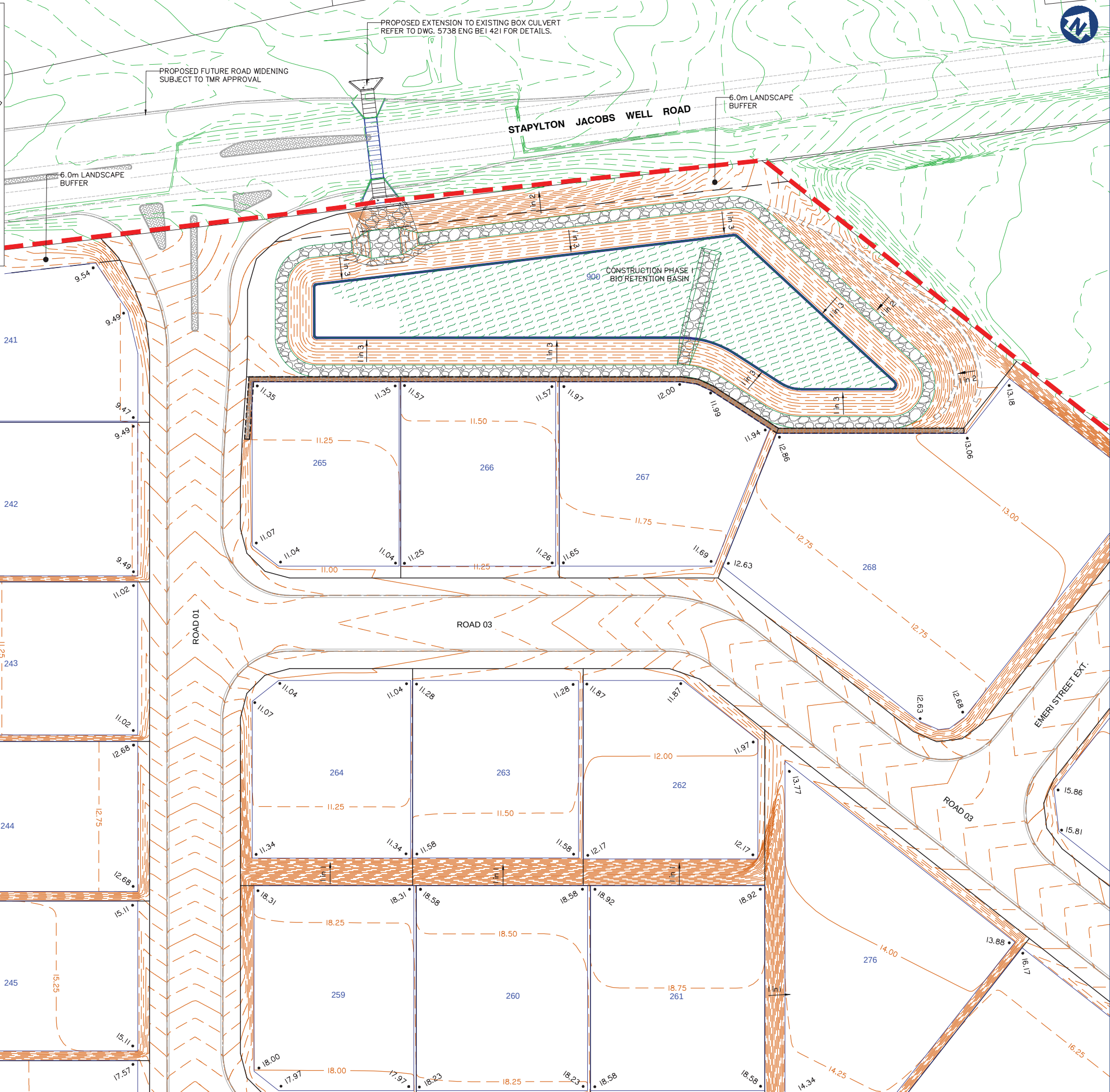
Rev. No:
B

BULK EARTHWORKS CUT & FILL LAYOUT PLAN SHEET 5 OF 6



KEY PLAN
SCALE: NTS





Drawing No:	Rev. No:
5738 ENG BE1 100	B



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
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DRAWING TITLE

FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN
SHEET 2 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MO.
A	09-02-18	ORIGINAL ISSUE	GCP	MG.
Issue#	Date	Description	DRN	CHK

1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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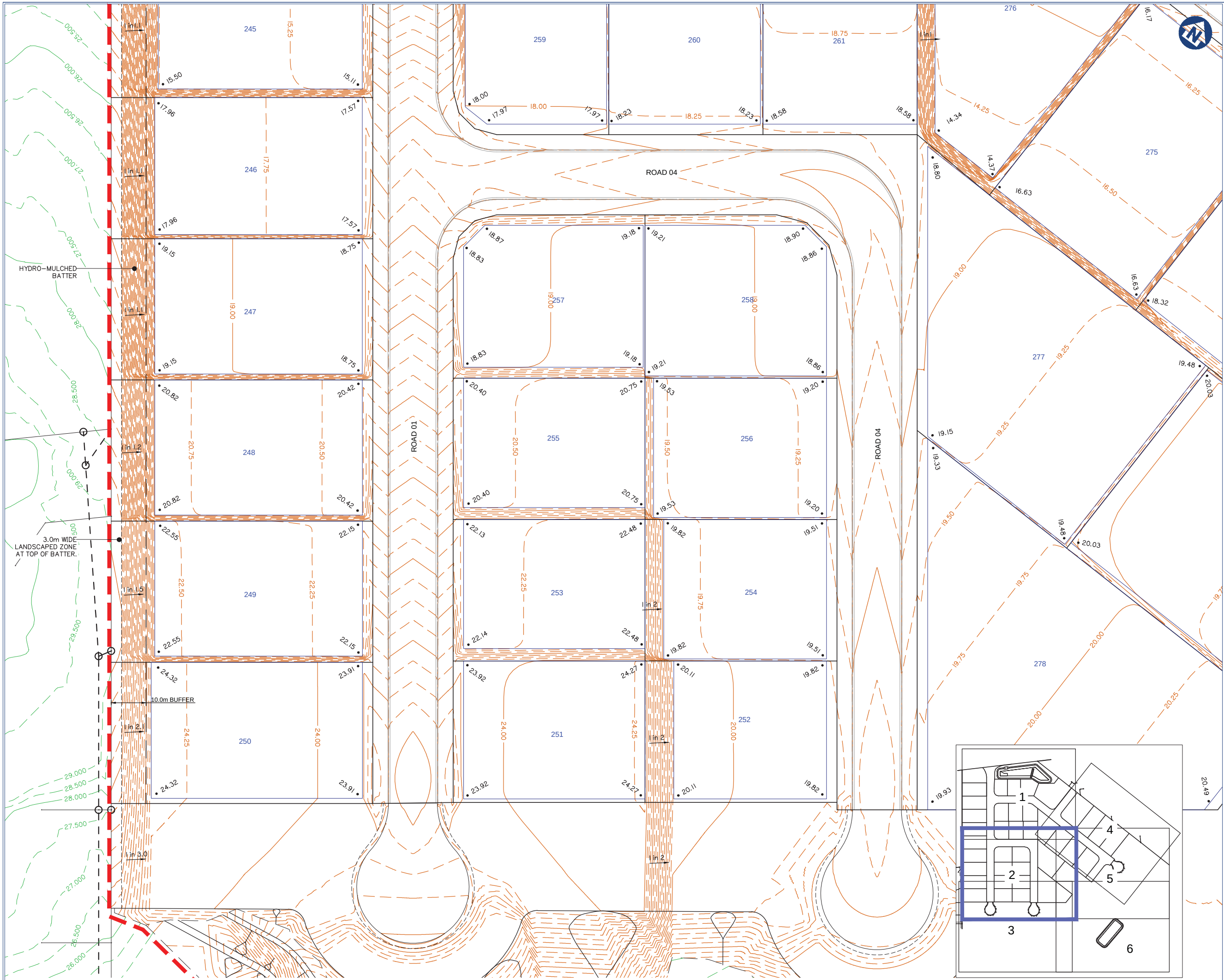
Approved:	MG
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RPEQ:	16939
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Signed: 

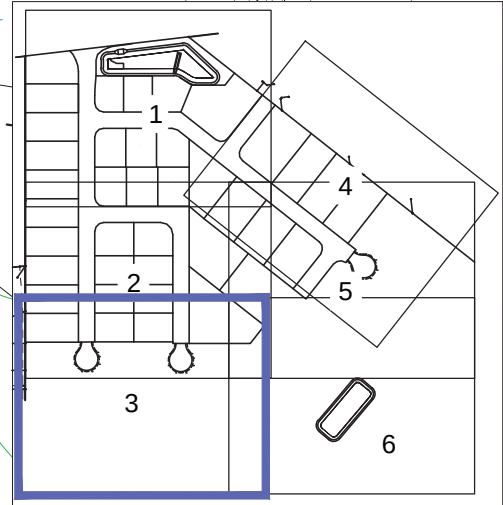
Date: 11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 101	B

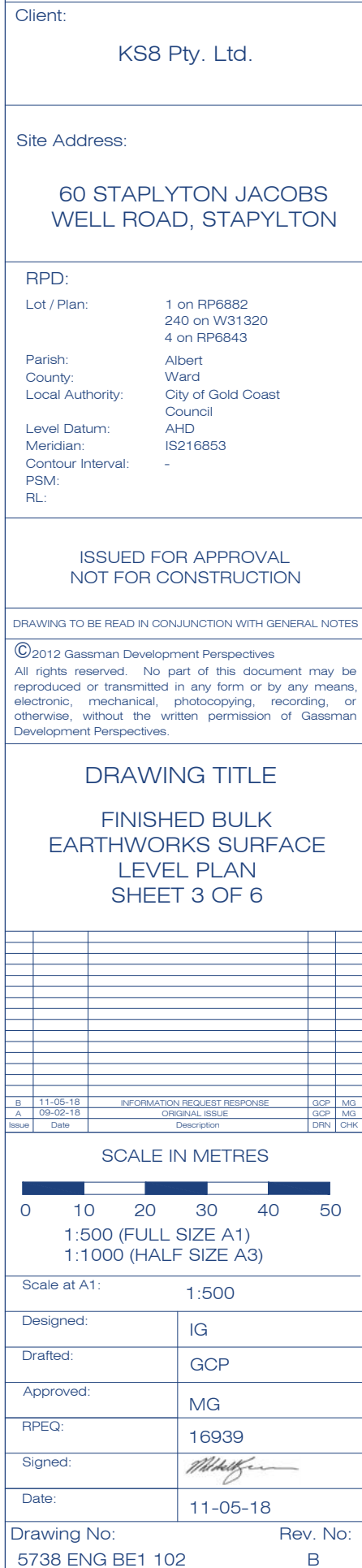


FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 2 OF 6

KEY PLAN
SCALE: NTS



FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 3 OF 6







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Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
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DRAWING TITLE

FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN
SHEET 5 OF 6

[illegible]

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES



1:500 (FULL SIZE A1)
1:1000 (HALF SIZE A3)

Scale at A1: 1:500

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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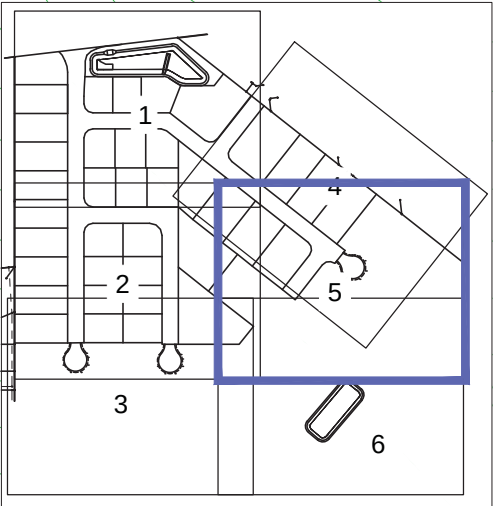
RPEQ:	1693
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Signed: 

Drawing No:
5738 ENG BE1 104

Rev. No:
B

FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 5 OF 6



KEY PLAN
SCALE: NTS





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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FINISHED EARTHWORKS
SURFACE CROSS-SECTION
SHEET 1 OF 4

B A	11-05-18 09-02-18	INFORMATION REQUEST RESPONSE ORIGINAL ISSUE	GCP GCP	MO MG
Issue	Date	Description	DRN	CHK

HORIZ. SCALE 1:400

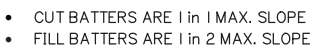
0 10 20 30 40m

0 2 4 6 8m

VERT. SCALE 1:80

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 150	B



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
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
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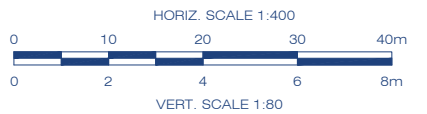
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DRAWING TITLE

FINISHED EARTHWORKS
SURFACE CROSS-SECTION
SHEET 2 OF 4

B	11-05-18		INFORMATION REQUEST RESPONSE	GCP	MQ
A	09-02-18		ORIGINAL ISSUE	GCP	MG
Issue	Date		Description	DRN	CHK

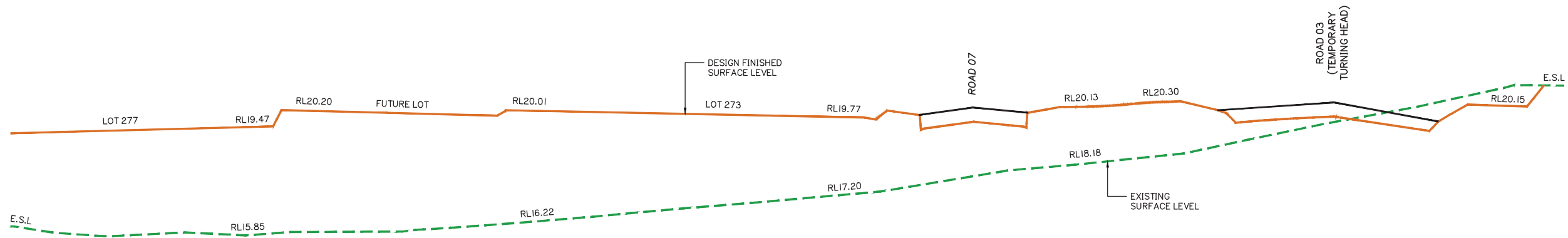
SCALE IN METRES



Scale at A1: 1:400 HORIZ. 1:80 VERT.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 151	B



SECTION B
051 & 053

SCALE:
1: 400 HOR.
1: 80 VERT.
5: 1 DISTORTION

SECTION B

SCALE:

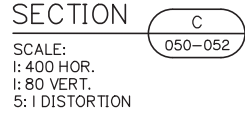
1: 400 HOR.

1: 80 VERT.

5: 1 DISTORTION

- CUT BATTERS ARE 1 in 1 MAX. SLOPE
- FILL BATTERS ARE 1 in 2 MAX. SLOPE

FINISHED EARTHWORKS SURFACE CROSS SECTION

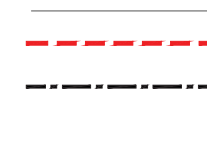


- CUT BATTERS ARE 1 in 1 MAX. SLOPE - FILL BATTERS ARE 1 in 2 MAX. SLOPE



- CUT BATTERS ARE 1 in 1 MAX. SLOPE
- FILL BATTERS ARE 1 in 2 MAX. SLOPE

Drawing No:	Rev. No:
5738 ENG BE1 153	B



LOT BOUNDARY

LIMIT OF WORKS

CONTROL LINE WITH RUNNING CHAINAGES



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

CONTROL LINE
LAYOUT PLAN
SHEET 2 OF 2

B	11-05-18		INFORMATION REQUEST RESPONSE	GCP
A	09-02-18		ORIGINAL ISSUE	GCP
	Date		Description	DEN
Issue				Ch-

SCALE IN METRES



Scale at A1:	1:1000
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Designed:	IG
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Drafted:	GCP
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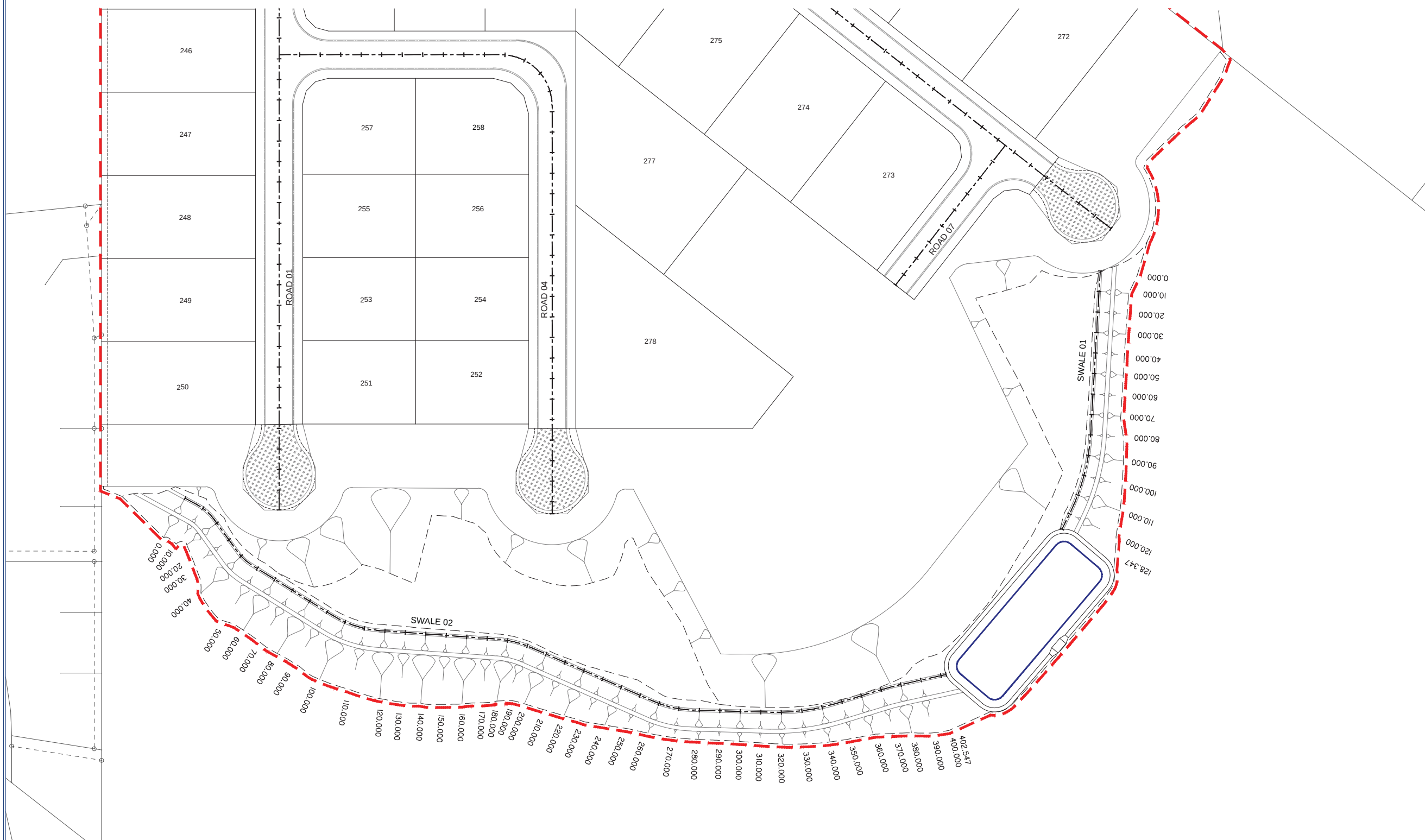
Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 401	B



CONTROL LINE LAYOUT PLAN SHEET 2 OF 2



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 01
LONGITUDINAL SECTION
SHEET 1 OF 3

B	11-05-18		INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18		ORIGINAL ISSUE	GCP	MG
Issue	Date		Description	DRN	CHK

1m 0 1 2m 1:50 VER.
10m 0 10 20m 1:500 HOR.

Designed:	IG
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Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No: 5738 ENG BE1 402 Rev. No: B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 01
LONGITUDINAL SECTION
SHEET 2 OF 3

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG	
A	09-02-18	ORIGINAL ISSUE	GDP	MG	
Issue	Date	Description	DRN	Ch-K	

1m 0 1 2m 1:50 VER.
10m 0 10 20m 1:500 HOR.

Designed:	IG
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Approved:	MG
-----------	----

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

Drawing No: 5738 ENG BE1 403 Rev. No: B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 03
LONGITUDINAL SECTION
SHEET 1 OF 4

B	11-05-18		INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18		ORIGINAL ISSUE	GCP	MG
Issue	Date		Description	DRN	CH-K

1m 0 1 2m 1:50 VER.
10m 0 10 20m 1:500 HOR.

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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Rev. No:
B

Client

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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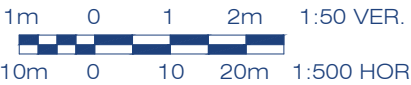
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DRAWING TITLE

ROAD 03
LONGITUDINAL SECTION
SHEET 2 OF 4

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GOP	MG
Issue	Date	Description	DRN	CHK

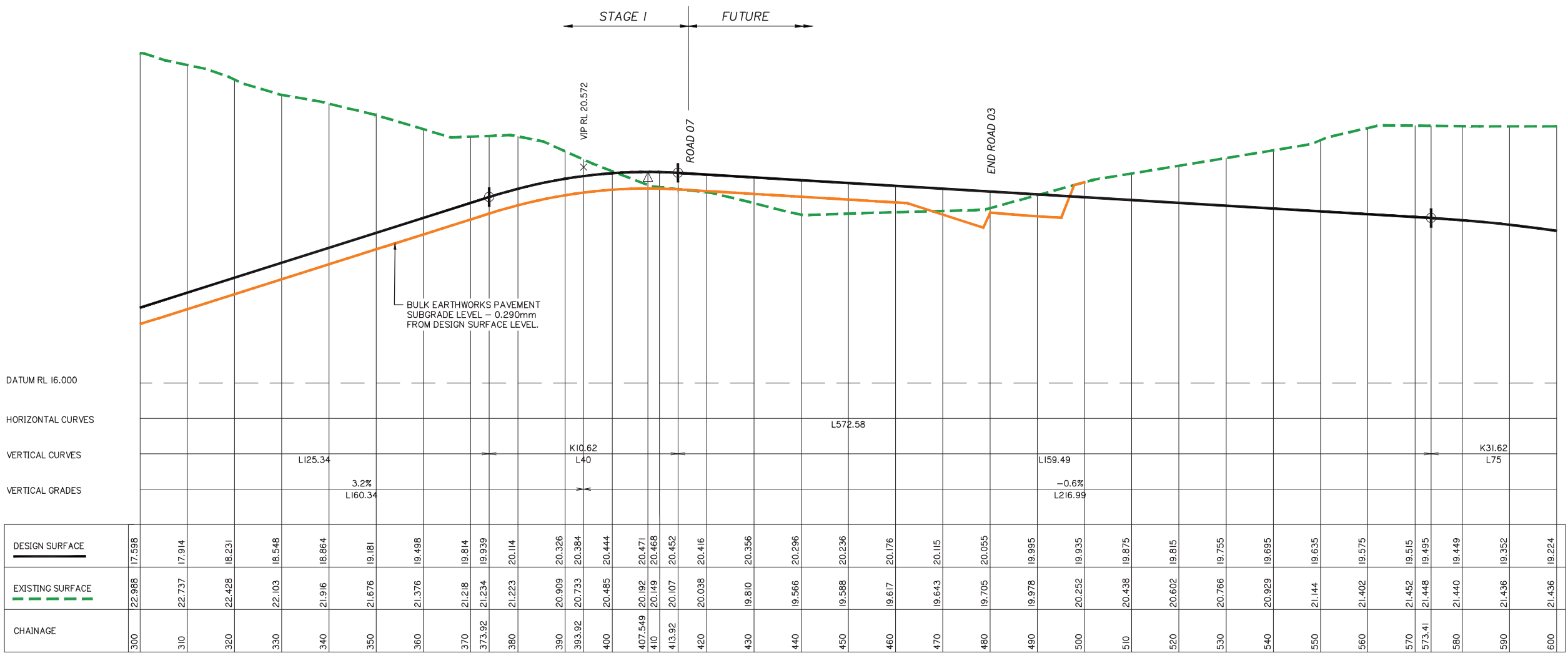
SCALE IN METRES



Scale at A1: 1:500 HOR. 1:50 VER.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 406	B



ROAD 03 – LONGITUDINAL SECTION



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
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ROAD 03
LONGITUDINAL SECTION
SHEET 3 OF 4

B A	11-05-18 09-02-18	INFORMATION REQUEST RESPONSE ORIGINAL ISSUE	GCP GCP	MO MG
ISSUE	Date	Description	DRN	CHK

1m 0 1 2m 1:50 VER.



10m 0 10 20m 1:500 HOR.

Scale at A1: 1:500 HOR. 1:50 VER.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 407	B





Client

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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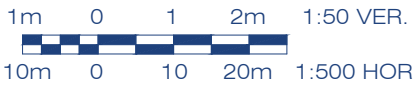
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DRAWING TITLE

ROAD 03
LONGITUDINAL SECTION
SHEET 4 OF 4

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	ChK

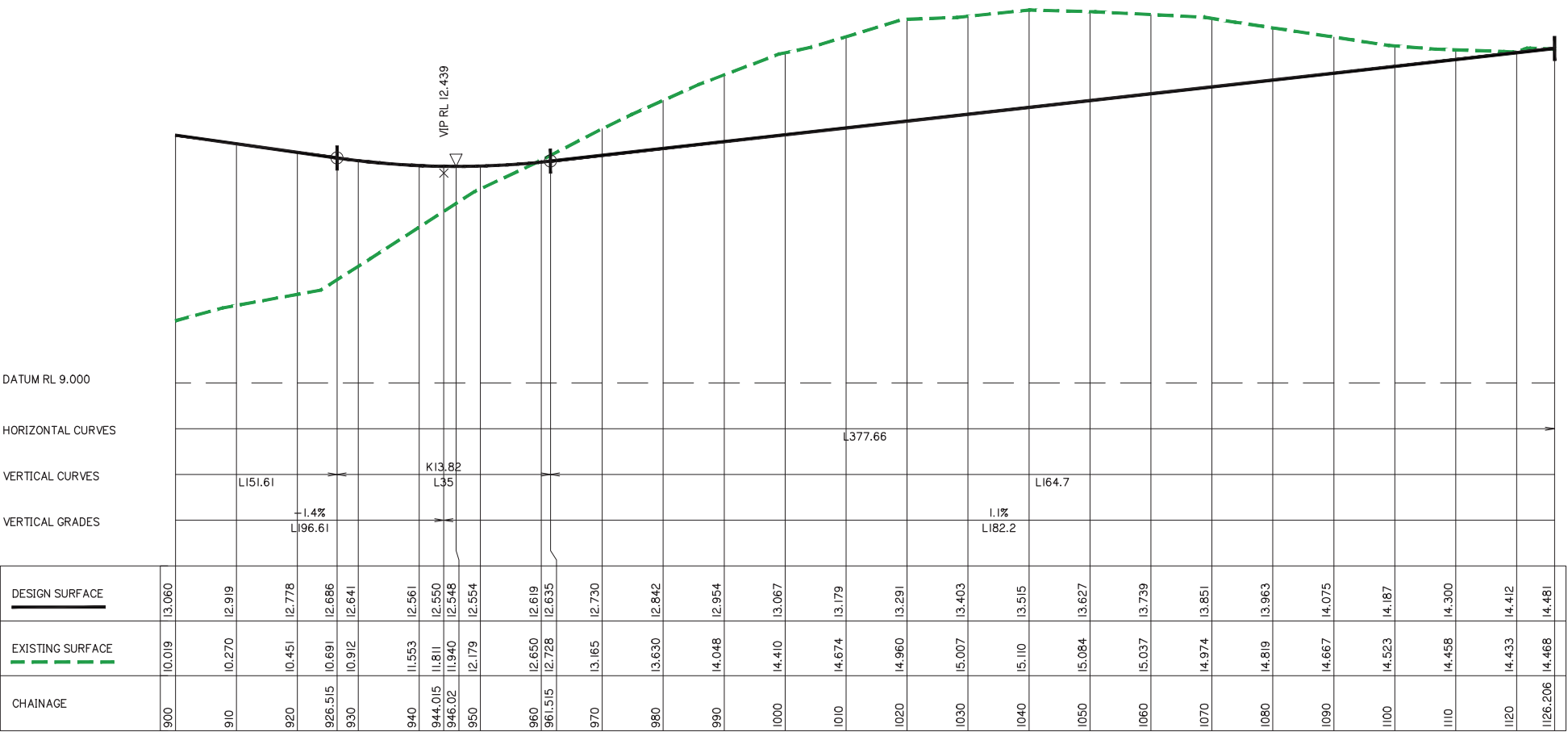
SCALE IN METRES



Scale at A1: 1:500 HOR. 1:50 VER.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 408	B



ROAD 03 – LONGITUDINAL SECTION









Client

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

ROAD 07
LONGITUDINAL SECTION
SHEET 1 OF 2

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	ChK

SCALE IN METRES

1m 0 1 2m 1:50 VER.
10m 0 10 20m 1:500 HOF

Scale at A1: 1:500 HOR. 1:50 VER.

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:
5738 ENG BE1 412

Rev. No:
B



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 07
LONGITUDINAL SECTION
SHEET 2 OF 2

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

0.5m 0 0.5 1m 1:25 VER.
5 0 5 10m 1:250 HOR.

Drawing No:	Rev. No:
5738 ENG BE1 413	B



ONLY THE BULK EARTHWORKS IS APPLICABLE.
A SEPARATE APPLICATION WILL BE SUBMITTED
FOR THE CIVIL ROADWORKS ASSOCIATED WITH
THE RECONFIGURATION OF LOTS.



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:

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DRAWING TITLE

TYPICAL BULK EARTHWORKS ROAD CROSS SECTIONS

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CH-K

SCALE IN METRES

NOT TO SCALE

Scale at A1: NTS

Designed:	IG
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Drafted:	GCP
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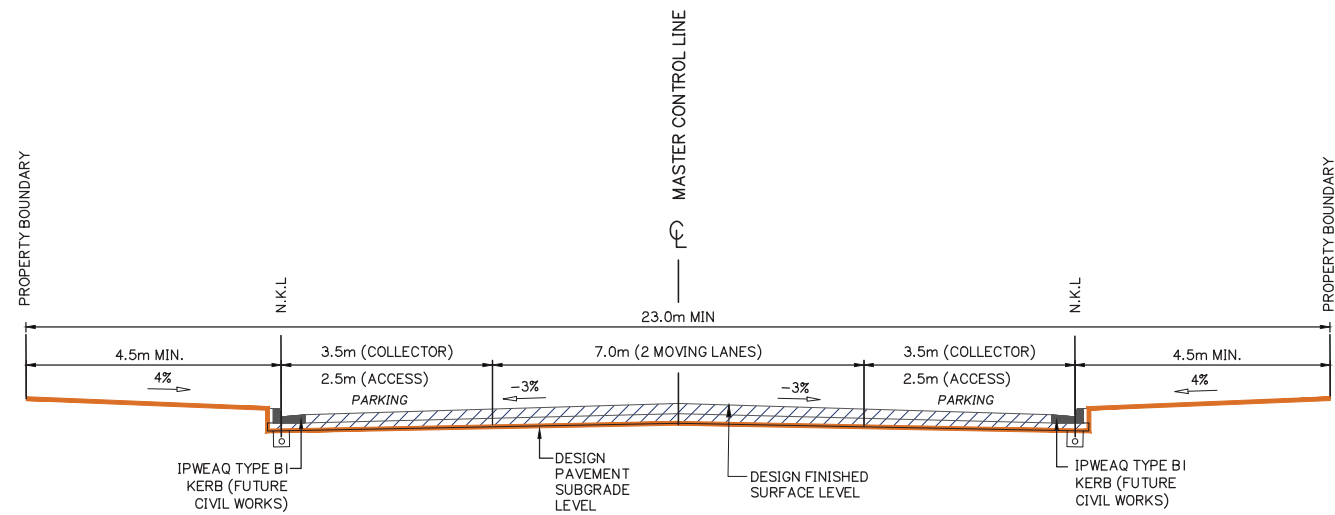
Approved:	MG
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RPEQ:	16939
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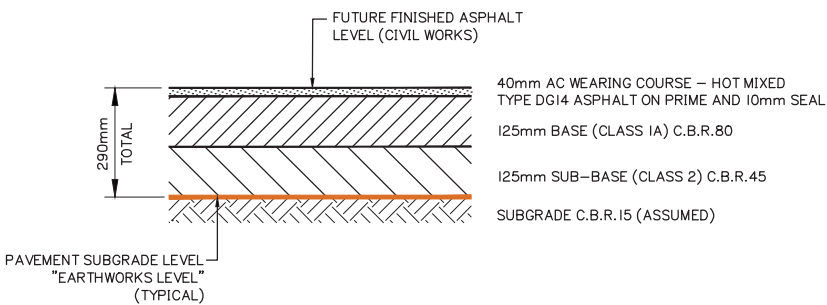
Signed:

Date: 11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 420	B



TYPICAL CROSS SECTION – INDUSTRIAL / COMMERCIAL
COLLECTOR AND ACCESS STREETS (23.0m)
REFER ALSO GCCC STD DWG 05-02-2004 FOR DETAILS



NOMINAL ROAD PAVEMENT DETAIL – INDUSTRIAL COLLECTOR & ACCESS STREET

PAVEMENT DESIGN SUBJECT TO IN-SITU CBR TESTING AND FURTHER COUNCIL APPROVAL. N.T.S.



KS8 Pty. Ltd.

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WELL ROAD, STAPYLTON

Level Datum: AHD
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PRE DEVELOPED Q100 FLOOD STORAGE VOLUME ASSESSMENT

	</				

0 8 16 24 36 40

1:400 (FULL SIZE A1)
1:800 (HALF SIZE A3)

Scale at A1:	1:400
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Designed:	IG
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Drafted:	GCP
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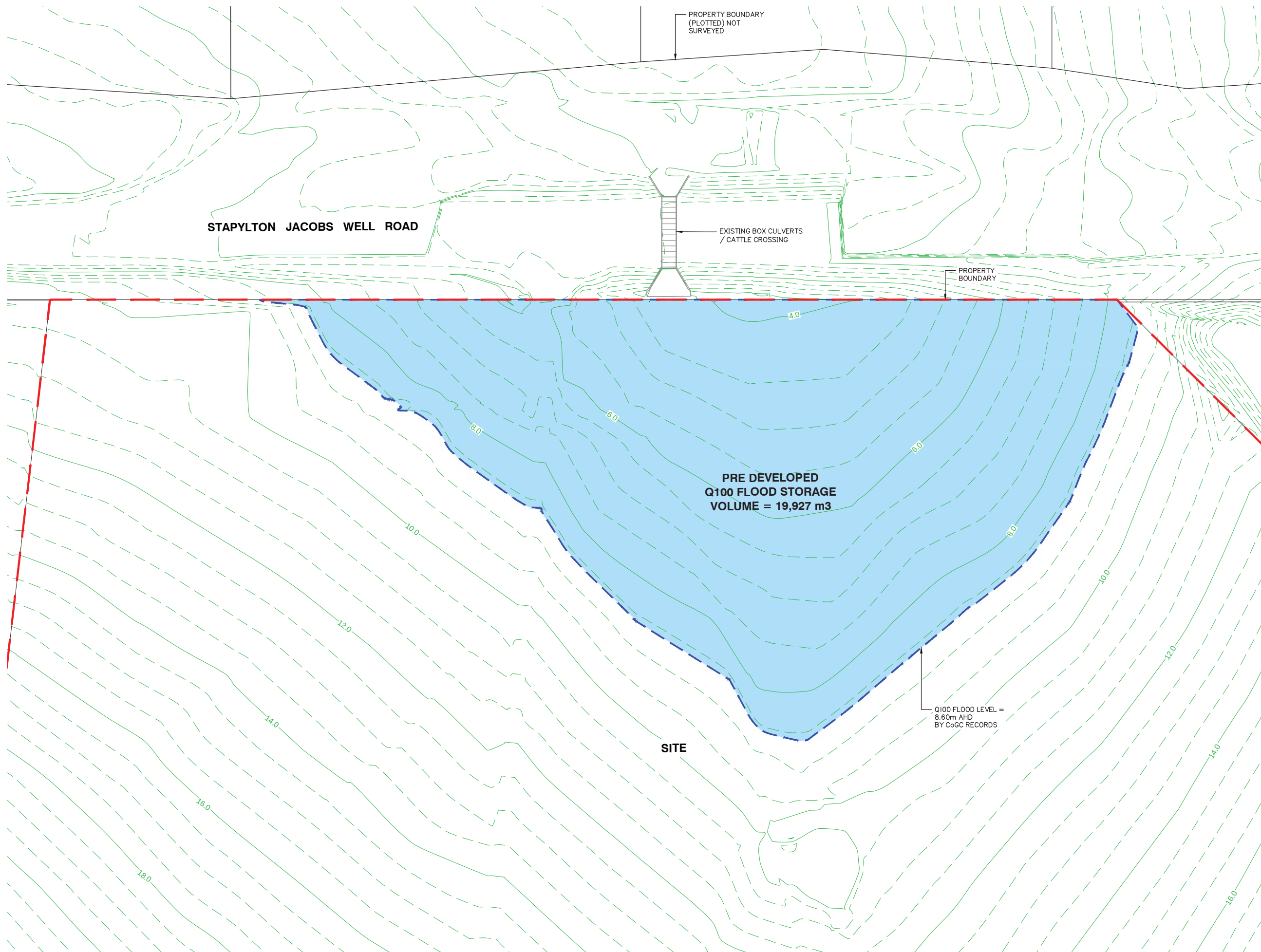
Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 422	B



PRE DEVELOPED Q100 FLOOD STORAGE VOLUME ASSESSMENT

CONTROL LINE SETOUT TABLE - ROAD 03 (CONT.)								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
FUTURE	630.000	2851.160	6916.818	18.649	99°13'15.46"			
	640.000	2861.031	6915.215	18.394	99°13'15.46"			
	650.000	2870.902	6913.613	18.108	99°13'15.46"			
	660.000	2880.773	6912.011	17.811	99°13'15.46"			
	670.000	2890.643	6910.408	17.514	99°13'15.46"			
	680.000	2900.514	6908.806	17.216	99°13'15.46"			
	690.000	2910.385	6907.203	16.919	99°13'15.46"			
	700.000	2920.256	6905.601	16.622	99°13'15.46"			
	709.282	2929.418	6904.113	16.346	99°13'15.46"			
	710.000	2930.125	6903.988	16.325	100°51'59.75"			
	720.000	2939.314	6900.215	16.028	123°47'05.67"			
	728.912	2954.085	6900.109	15.774		R = 25.000	39.260	89°58'38.62"
	730.000	2946.308	6893.161	15.745	146°42'11.60"			
	740.000	2950.003	6883.940	15.490	169°37'17.52"			
	748.542	2950.090	6875.440	15.296	189°11'54.08"			
	750.000	2949.857	6874.001	15.264	189°11'54.08"			
	760.000	2948.259	6864.130	15.067	189°11'54.08"			
	770.000	2946.660	6854.258	14.898	189°11'54.08"			
	780.000	2945.062	6844.387	14.753	189°11'54.08"			
	790.000	2943.463	6834.515	14.612	189°11'54.08"			
	800.000	2941.865	6824.644	14.471	189°11'54.08"			
	810.000	2940.266	6814.773	14.330	189°11'54.08"			
	820.000	2938.667	6804.901	14.189	189°11'54.08"			
	830.000	2937.069	6795.030	14.048	189°11'54.08"			
	840.000	2935.470	6785.158	13.907	189°11'54.08"			
	850.000	2933.872	6775.287	13.765	189°11'54.08"			
	860.000	2932.273	6765.415	13.624	189°11'54.08"			
	870.000	2930.675	6755.544	13.483	189°11'54.08"			
	880.000	2929.076	6745.673	13.342	189°11'54.08"			
	890.000	2927.478	6735.801	13.201	189°11'54.08"			
	900.000	2925.879	6725.930	13.060	189°11'54.08"			
	910.000	2924.281	6716.058	12.919	189°11'54.08"			
	920.000	2922.682	6706.187	12.778	189°11'54.08"			
	930.000	2921.084	6696.316	12.641	189°11'54.08"			
	940.000	2919.485	6686.444	12.561	189°11'54.08"			
	950.000	2917.887	6676.573	12.554	189°11'54.08"			
	960.000	2916.288	6666.701	12.619	189°11'54.08"			
	970.000	2914.690	6656.830	12.730	189°11'54.08"			
	980.000	2913.091	6646.959	12.842	189°11'54.08"			
	990.000	2911.493	6637.087	12.954	189°11'54.08"			
	1000.000	2909.894	6627.216	13.067	189°11'54.08"			
	1010.000	2908.295	6617.344	13.179	189°11'54.08"			
	1020.000	2906.697	6607.473	13.291	189°11'54.08"			
	1030.000	2905.098	6597.602	13.403	189°11'54.08"			
	1040.000	2903.500	6587.730	13.515	189°11'54.08"			
1050.000	2901.901	6577.859	13.627	189°11'54.08"				
1060.000	2900.303	6567.987	13.739	189°11'54.08"				
1070.000	2898.704	6558.116	13.851	189°11'54.08"				
1080.000	2897.106	6548.244	13.963	189°11'54.08"				
1090.000	2895.507	6538.373	14.075	189°11'54.08"				
1100.000	2893.909	6528.502	14.187	189°11'54.08"				
1110.000	2892.310	6518.630	14.300	189°11'54.08"				
1120.000	2890.712	6508.759	14.412	189°11'54.08"				
1126.206	2889.720	6502.633	14.481	189°11'54.08"				

CONTROL LINE SETOUT TABLE - ROAD 04								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	2307.576	6818.550	17.914	61°00'44.25"			
	10.000	2316.324	6823.396	17.704	61°00'44.25"			
	20.000	2325.071	6828.242	17.692	61°00'44.25"			
	30.000	2333.818	6833.089	17.770	61°00'44.25"			
	40.000	2342.565	6837.935	17.847	61°00'44.25"			
	50.000	2351.312	6842.781	17.924	61°00'44.25"			
	60.000	2360.060	6847.627	18.001	61°00'44.25"			
	70.000	2368.807	6852.474	18.079	61°00'44.25"			
	80.000	2377.554	6857.320	18.156	61°00'44.25"			
	90.000	2386.301	6862.166	18.233	61°00'44.25"			
TC	100.000	2395.049	6867.012	18.310	61°00'44.25"			
	108.000	2402.047	6870.889	18.372	61°00'44.25"			
	110.000	2403.833	6871.787	18.388	65°35'41.47"			
IP 2	120.000	2413.514	6874.013	18.465	88°30'47.39"			
	127.635	2423.915	6883.005	18.524		R = 25.000	39.270	90°00'00.58"
	130.000	2423.297	6872.293	18.542	111°25'53.31"			
CT	140.000	2431.638	6866.898	18.619	134°20'59.23"			
	147.270	2436.031	6861.137	18.675	151°00'44.83"			
	150.000	2437.353	6858.749	18.696	151°00'44.83"			
	160.000	2442.200	6850.002	18.774	151°00'44.83"			
	170.000	2447.046	6841.255	18.851	151°00'44.83"			
	180.000	2451.892	6832.507	18.928	151°00'44.83"			
	190.000	2456.738	6823.760	19.005	151°00'44.83"			
	200.000	2461.584	6815.013	19.083	151°00'44.83"			
	210.000	2466.430	6806.266	19.160	151°00'44.83"			
	220.000	2471.277	6797.518	19.237	151°00'44.83"			
	230.000	2476.123	6788.771	19.314	151°00'44.83"			
	240.000	2480.969	6780.024	19.392	151°00'44.83"			
	250.000	2485.815	6771.277	19.469	151°00'44.83"			
	260.000	2490.661	6762.529	19.546	151°00'44.83"			
	270.000	2495.508	6753.782	19.623	151°00'44.83"			
	280.000	2500.354	6745.035	19.699	151°00'44.83"			
	290.000	2505.200	6736.288	19.744	151°00'44.83"			
	300.000	2510.046	6727.540	19.749	151°00'44.83"			
	310.000	2514.892	6718.793	19.715	151°00'44.83"			
	320.000	2519.739	6710.046	19.640	151°00'44.83"			
	330.000	2524.585	6701.299	19.525	151°00'44.83"			
	340.000	2529.431	6692.551	19.383	151°00'44.83"			
ENG STG 1	345.879	2532.280	6687.409	19.299	151°00'44.83"			
FUTURE	350.000	2534.277	6683.804	19.240	151°00'44.83"			
	360.000	2539.123	6675.057	19.097	151°00'44.83"			
	370.000	2543.970	6666.310	18.954	151°00'44.83"			
	380.000	2548.816	6657.562	18.811	151°00'44.83"			
	390.000	2553.662	6648.815	18.667	151°00'44.83"			
	400.000	2558.508	6640.068	18.524	151°00'44.83"			
	410.000	2563.354	6631.321	18.381	151°00'44.83"			
	420.000	2568.201	6622.573	18.238	151°00'44.83"			
	430.000	2573.047	6613.826	18.095	151°00'44.83"			
	440.000	2577.893	6605.079	17.952	151°00'44.83"			
	450.000	2582.739	6596.332	17.809	151°00'44.83"			
	460.000	2587.585	6587.584	17.682	151°00'44.83"			
	470.000	2592.432	6578.837	17.577	151°00'44.83"			
	480.000	2597.278	6570.090	17.497	151°00'44.83"			
	490.000	2602.124	6561.343	17.435	151°00'44.83"			
	500.000	2606.970	6552.595	17.392	151°00'44.83"			
	510.000	2611.816	6543.848	17.517	151°00'44.83"			
	520.000	2616.663	6535.101	17.766	151°00'44.83"			
	522.569	2617.908	6532.854	17.830	151°00'44.83"			

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Client: KS8 Pty. Ltd.					
Site Address: 60 STAPLYTON JACOBS WELL ROAD, STAPYLTON					
RPD: Lot / Plan: 1 on RP6882 240 on W31320 4 on RP6843 Parish: Albert County: Ward Local Authority: City of Gold Coast Council Level Datum: AHD Meridian: IS216853 Contour Interval: - PSM: RL:					
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DRAWING TITLE ROAD CONTROL LINE SETOUT TABLES SHEET 2 OF 3					
B	11-05-18	INFORMATION REQUEST RESPONSE		GCP	M3
A	09-02-18	ORIGINAL ISSUE		GCP	M3
Issue	Date	Description		DRN	CHK
SCALE IN METRES NOT TO SCALE					
Scale at A1: NTS					
Designed:			IG		
Drafted:			GCP		
Approved:			MG		
RPEQ:			16939		
Signed:					
Date:			11-05-18		
Drawing No: 5738 ENG BE1 461				Rev. No: B	

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DRAWING TITLE

ROAD 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 1 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES

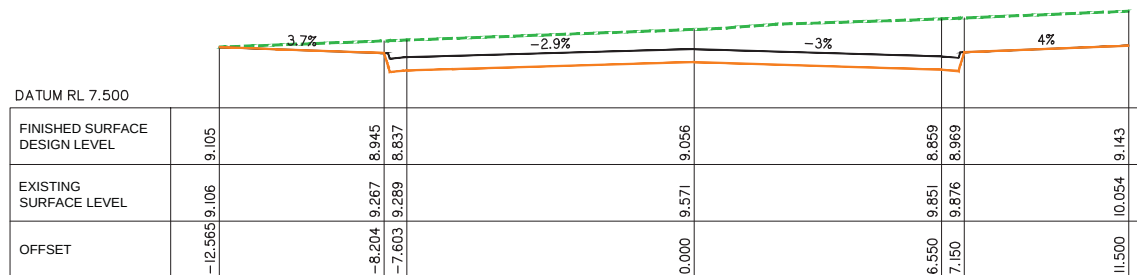


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1:200 (HALF SIZE A3)

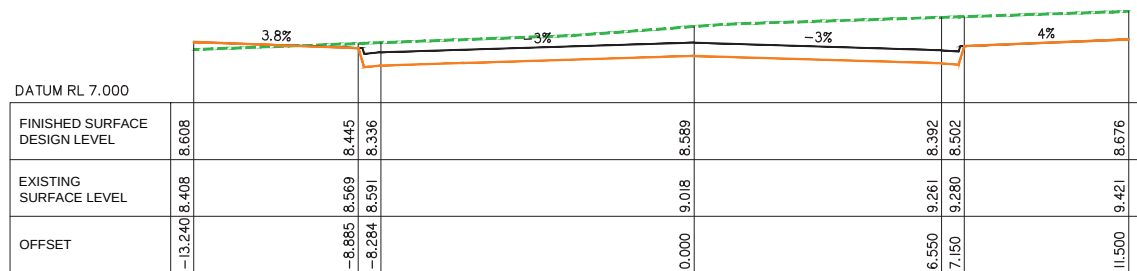
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Designed:	IG
Drafted:	GCP
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Date:	11-05-18

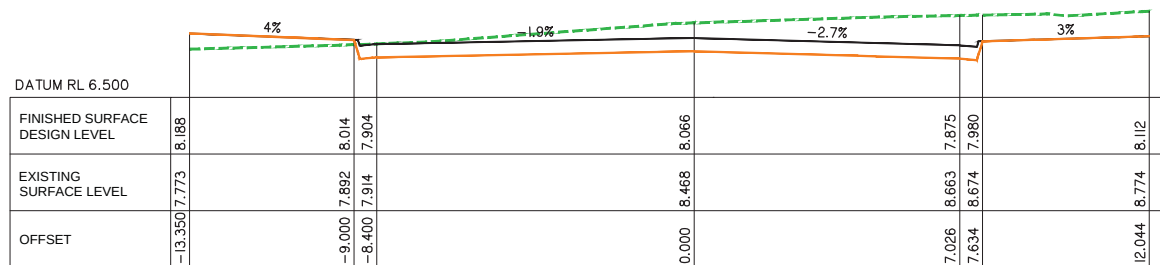
Drawing No: 5738 ENG BE1 480
Rev. No: B



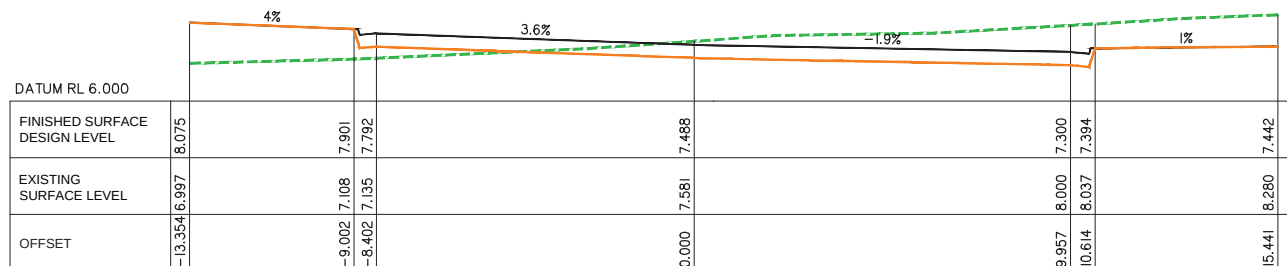
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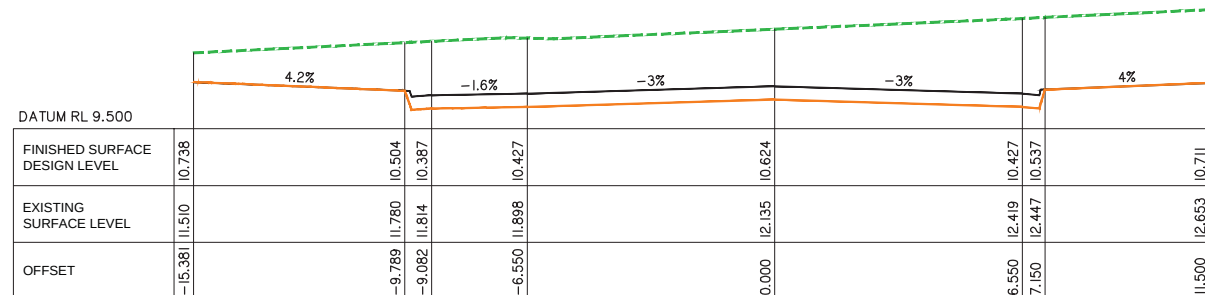
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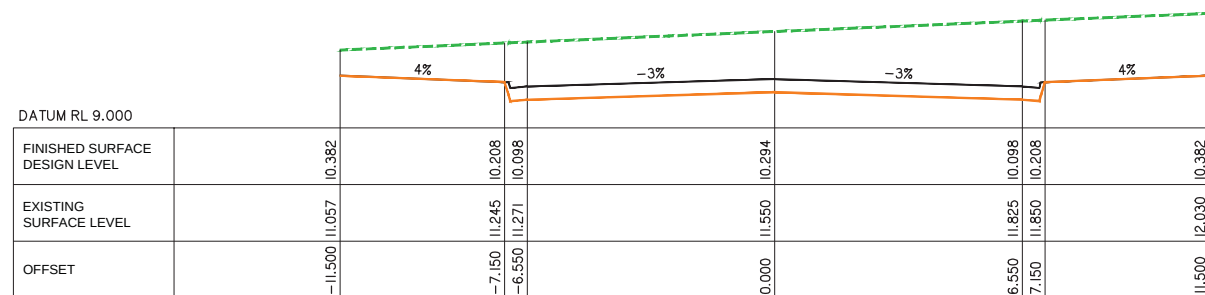
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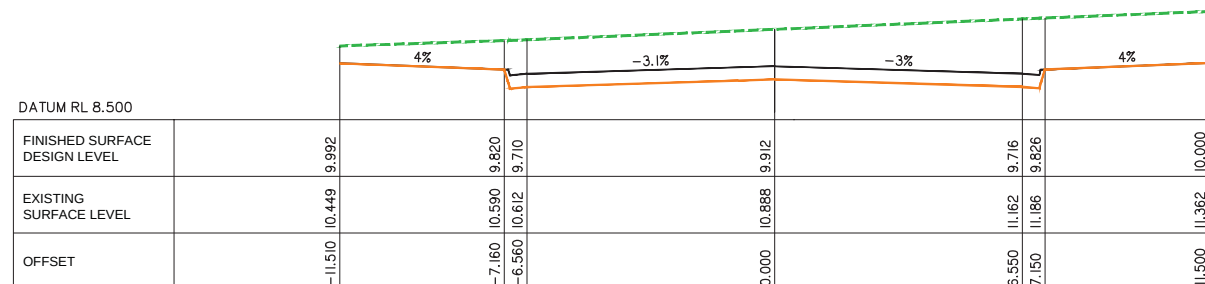
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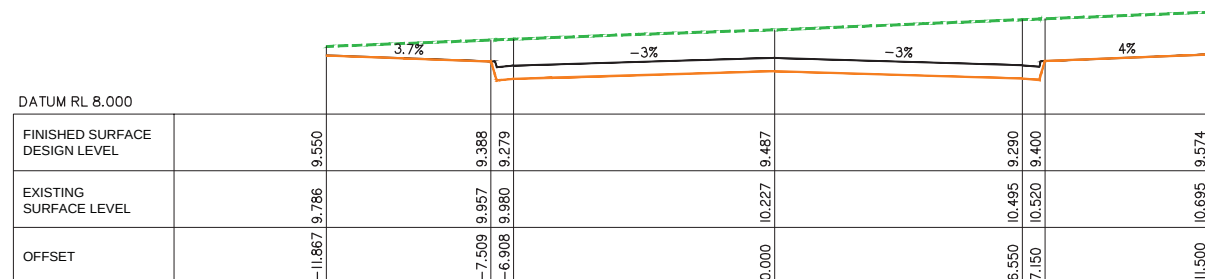
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90



80



70

Client:

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DRAWING TITLE

ROAD 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 2 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES



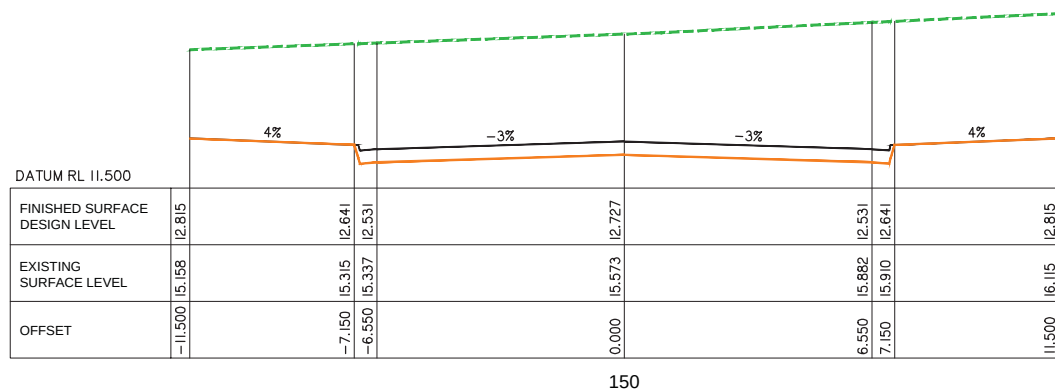
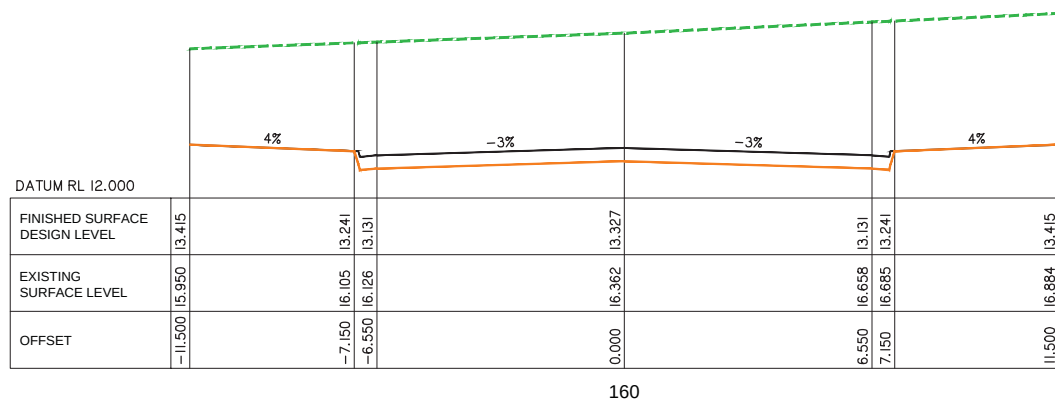
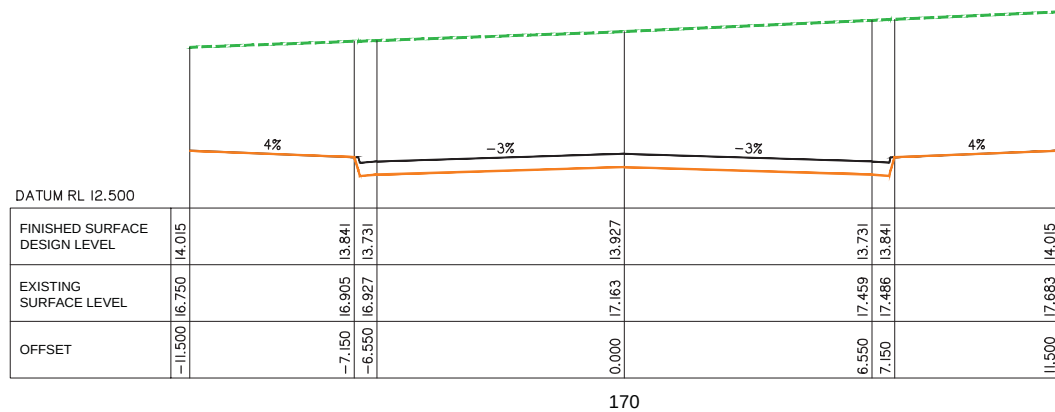
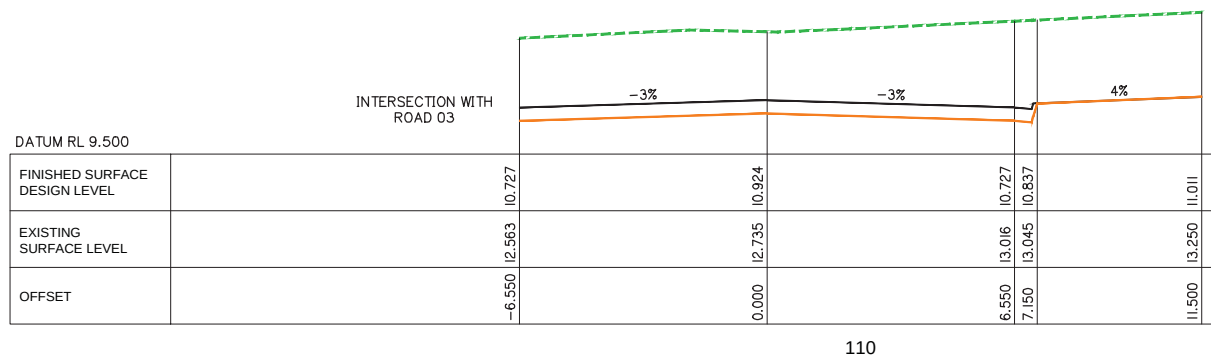
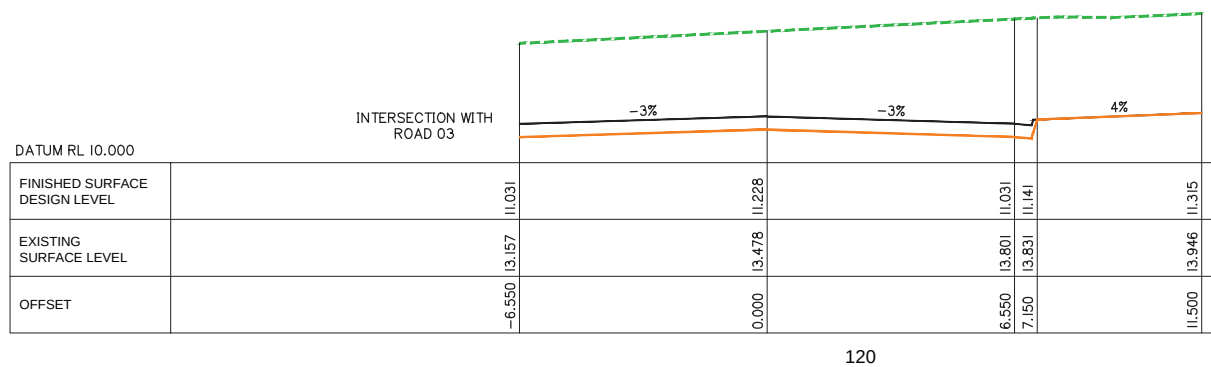
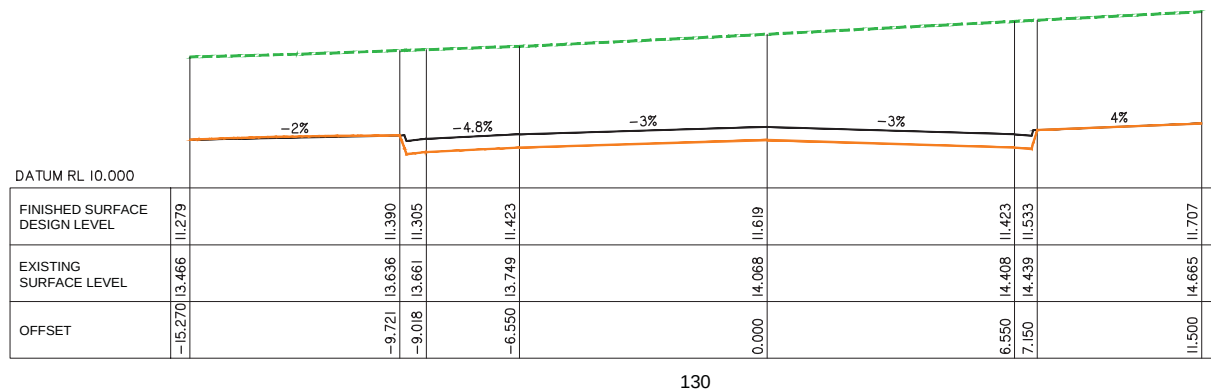
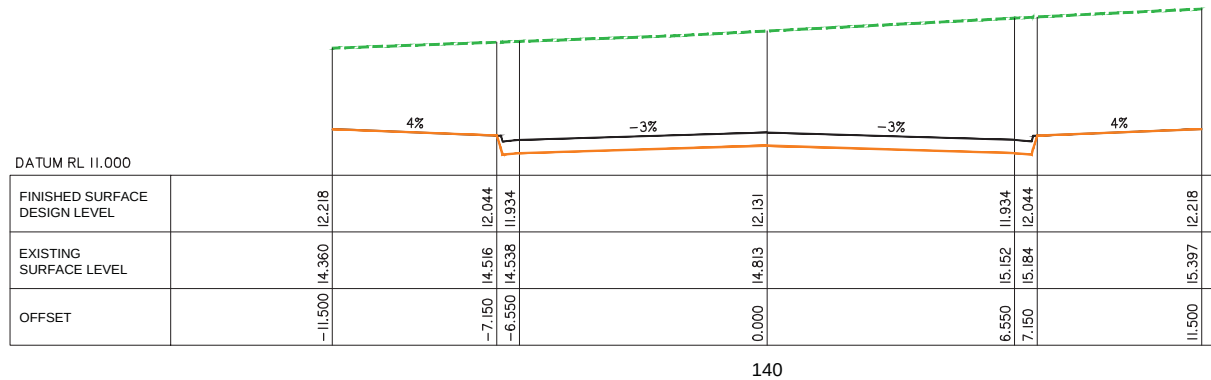
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1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:
5738 ENG BE1 481

Rev. No:
B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
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ROAD 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 3 OF 6

B A	11-05-18 09-02-18	INFORMATION REQUEST RESPONSE	GOP GOP	MCI MCI
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	1693
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Signed:	
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Date: 11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 482	B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
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ROAD 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 4 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GOP	MCI
A	09-02-18	ORIGINAL ISSUE	GOP	MCI
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	1693
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Signed:	
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Date:	11-0
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Drawing No:	Rev. No:
5738 ENG BE1 483	B



ROAD 01 – BULK EARTHWORKS CROSS SECTIONS – SHEET 5 OF 6



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 6 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 485	B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
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ROAD 03
BULK EARTHWORKS
CROSS SECTIONS
SHEET 2 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MO
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
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Drafted:	GCP
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Approved:	MG
-----------	----

RPEQ:	1693
-------	------

Signed: 

Date: 11-05

Drawing No:	Rev. No:
5738 ENG BE1 487	B



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

ROAD 03
BULK EARTHWORKS
CROSS SECTIONS
SHEET 3 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES

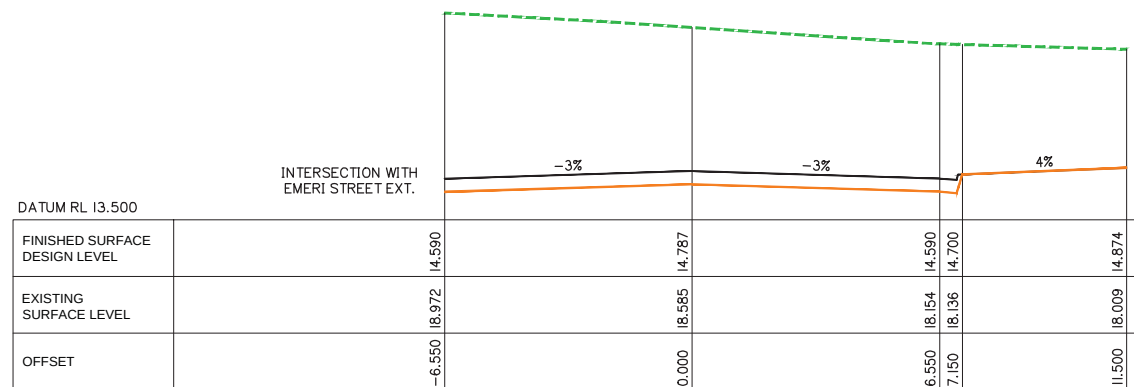


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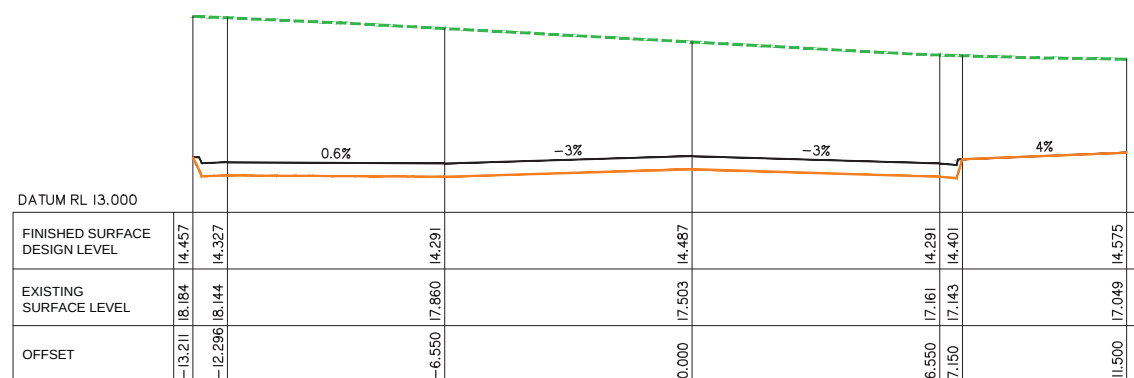
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Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

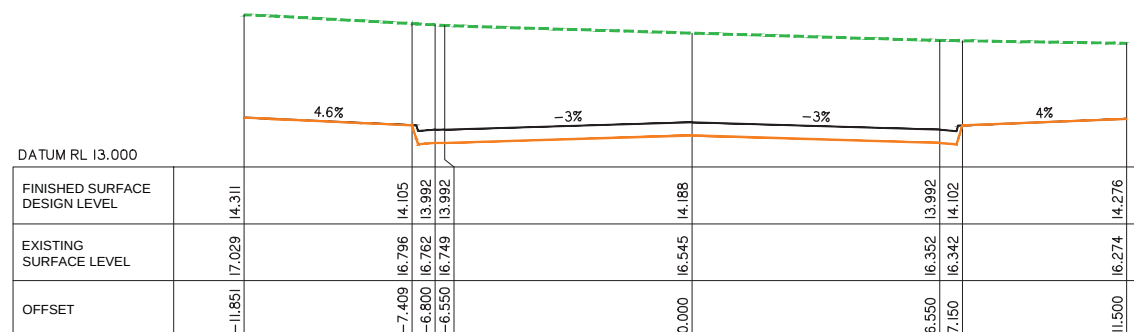
Drawing No: 5738 ENG BE1 488
Rev. No: B



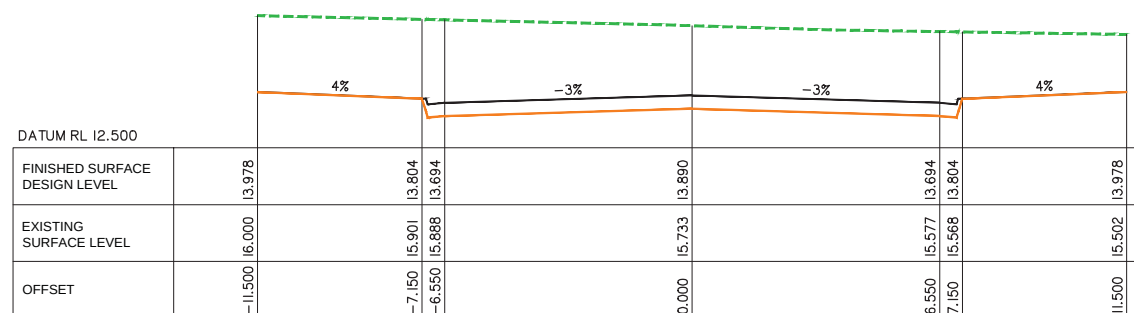
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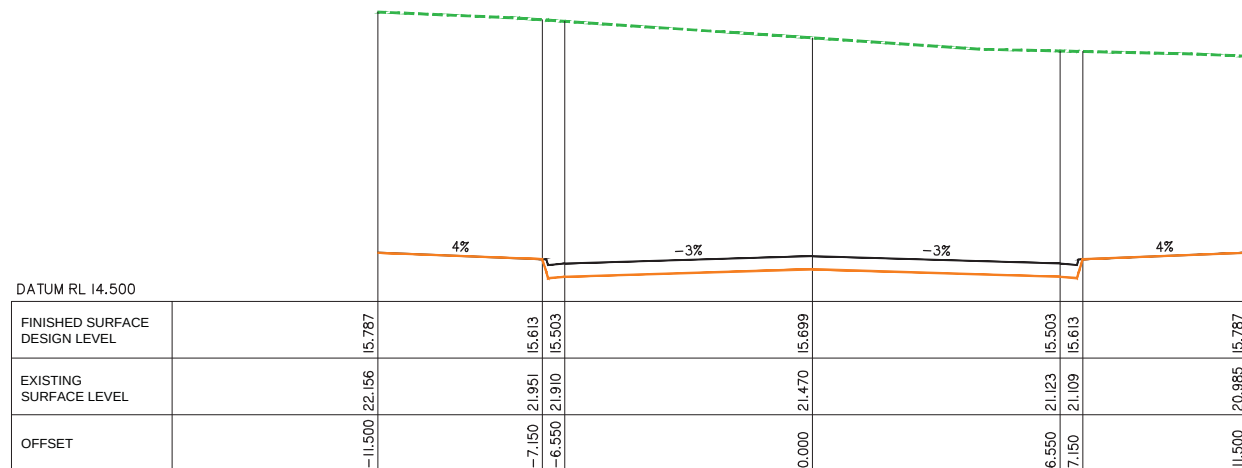
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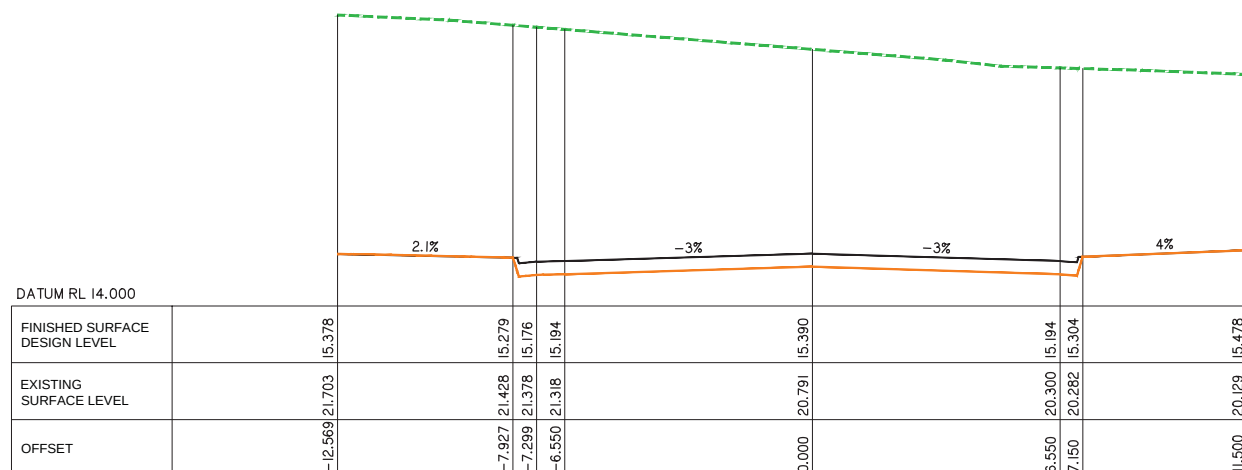
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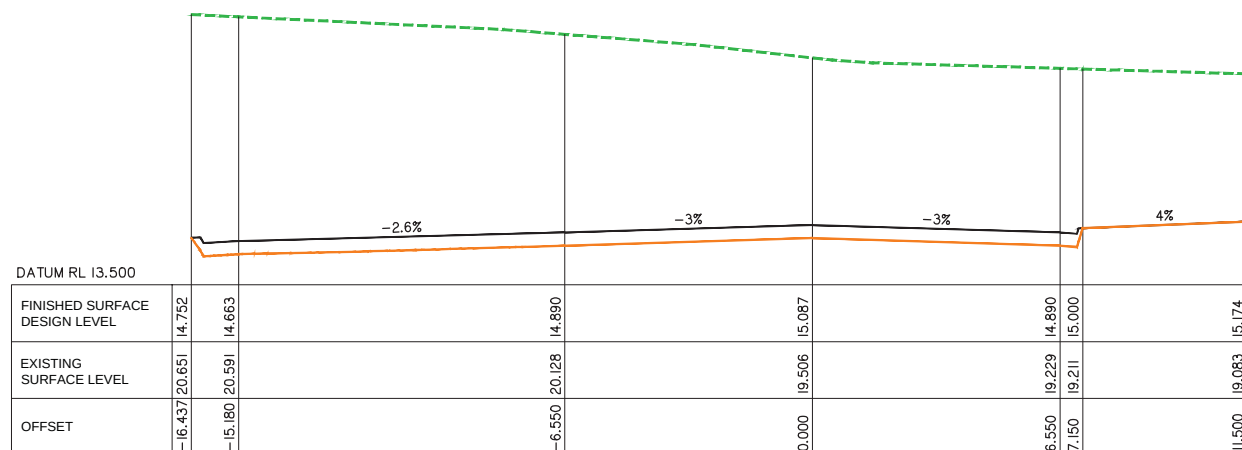
180



240



230



220



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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ROAD 03
BULK EARTHWORKS
CROSS SECTIONS
SHEET 4 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 489	B



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

ROAD 03
BULK EARTHWORKS
CROSS SECTIONS
SHEET 5 OF 6

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES

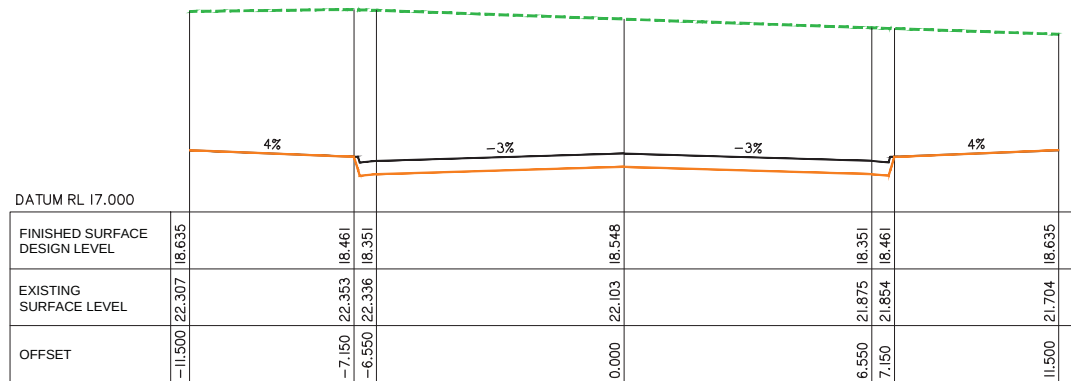


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1:200 (HALF SIZE A3)

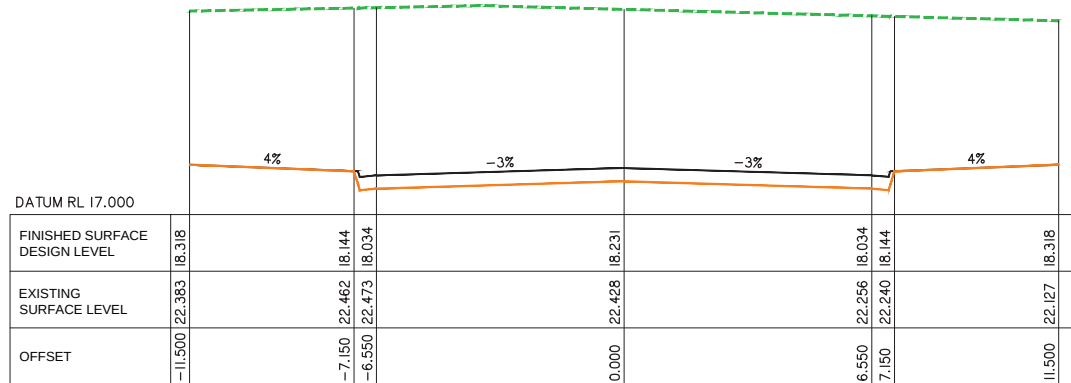
Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

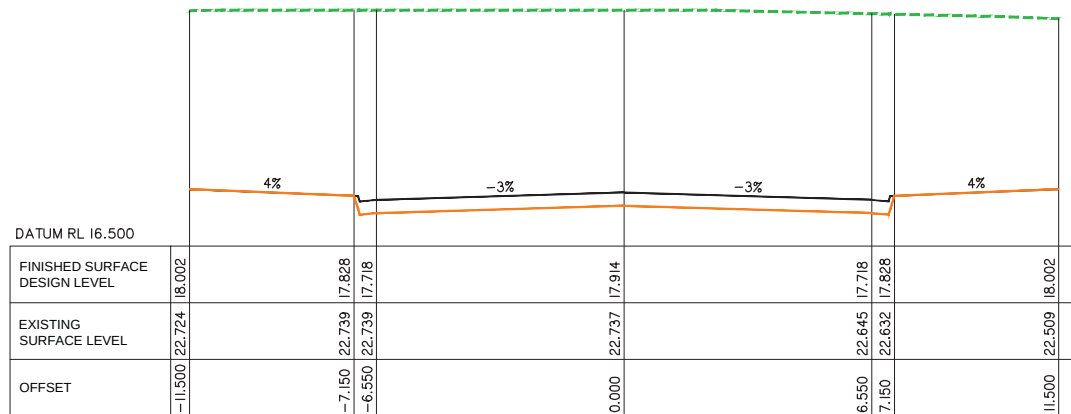
Drawing No: 5738 ENG BE1 490 Rev. No: B



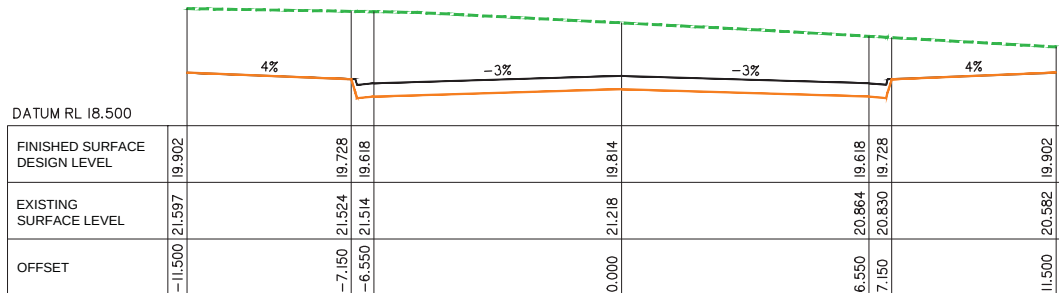
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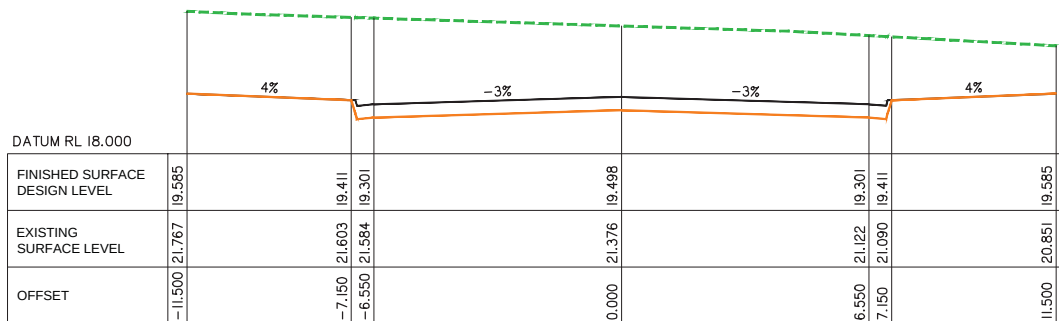
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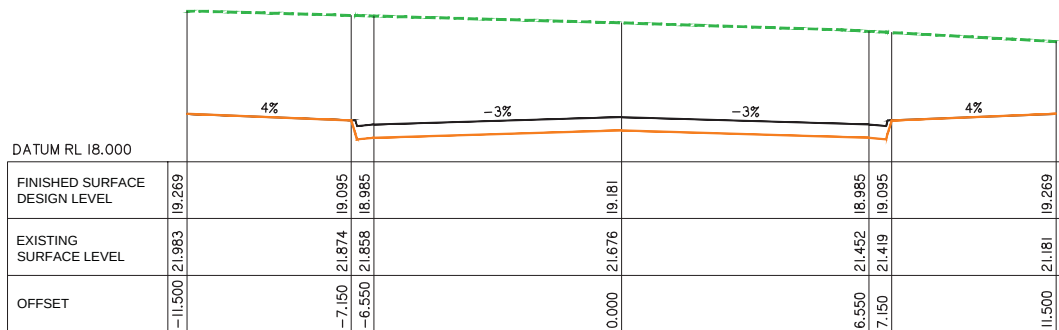
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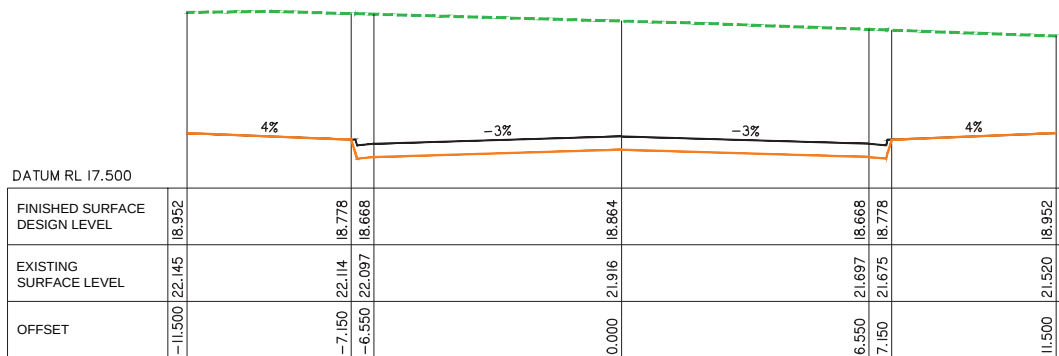
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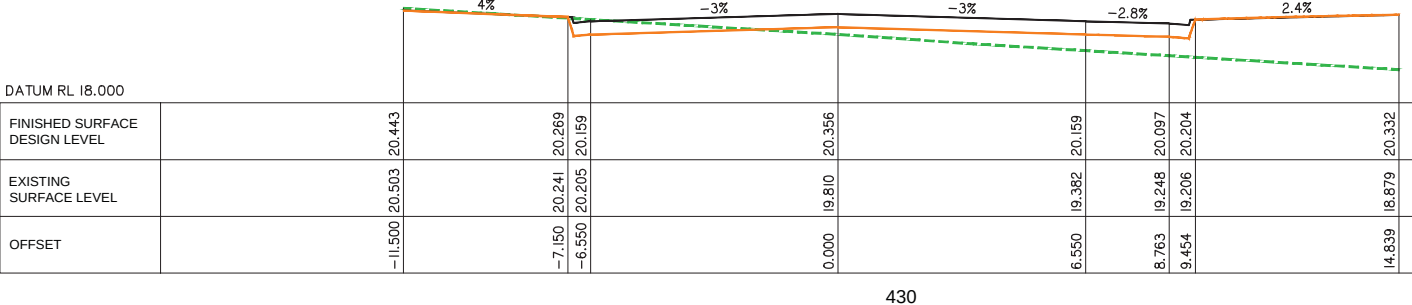
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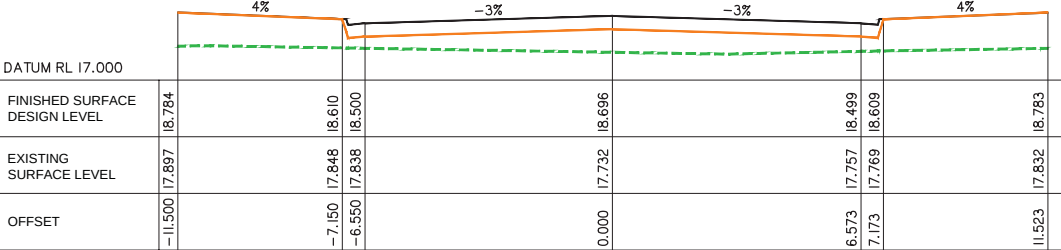
350



340



ROAD 04 – BULK EARTHWORKS CROSS SECTIONS – SHEET 1 OF 4



ROAD 04 – BULK EARTHWORKS CROSS SECTIONS – SHEET 3 OF 4



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
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RL:

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ROAD 04
BULK EARTHWORKS
CROSS SECTIONS
SHEET 4 OF 4

[illegible]

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	1693
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Signed:

Date: 11-05

Drawing No:	Rev. No:
5738 ENG BE1 495	B



ROAD 04 – BULK EARTHWORKS CROSS SECTIONS – SHEET 4 OF 4



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
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EMERI STREET EXT.
BULK EARTHWORKS
CROSS SECTIONS
SHEET 1 OF 2

B A	11-05-18 09-02-18	INFORMATION REQUEST RESPONSE	GOP GOP	MCI MCI
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 496	B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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EMERI STREET EXT.
BULK EARTHWORKS
CROSS SECTIONS
SHEET 2 OF 2

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 497	B





KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
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ROAD 07
BULK EARTHWORKS
CROSS SECTIONS
SHEET 1 OF 1

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

1:100 (FULL SIZE A1)
1:200 (HALF SIZE A3)

Scale at A1: 1:100

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 498	B



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

SWALE 01
BULK EARTHWORKS
CROSS SECTIONS
SHEET 1 OF 1

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES

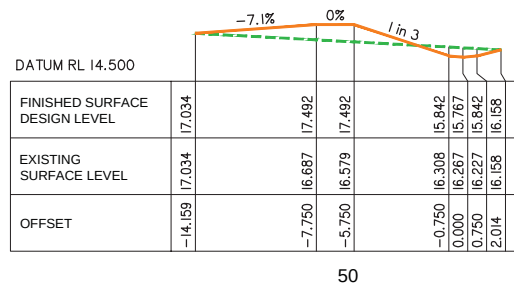


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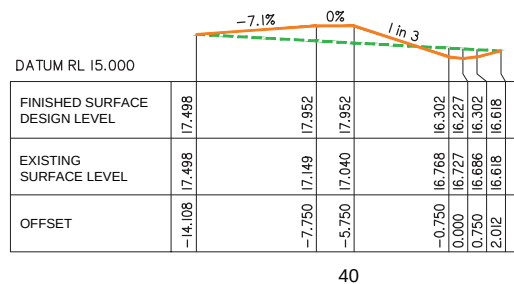
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Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

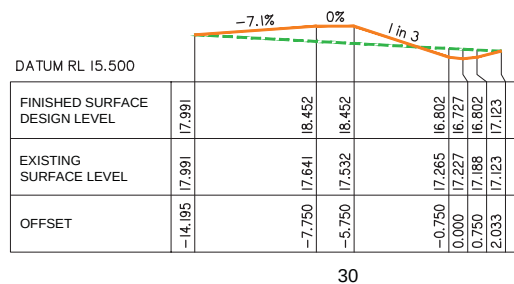
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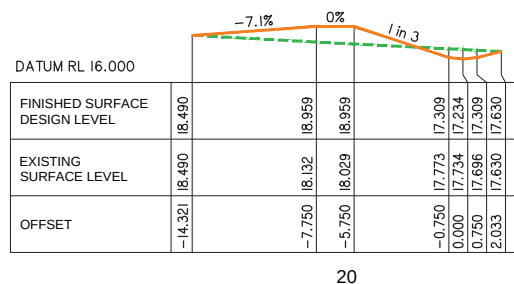
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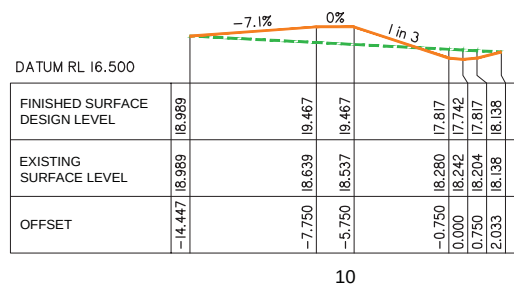
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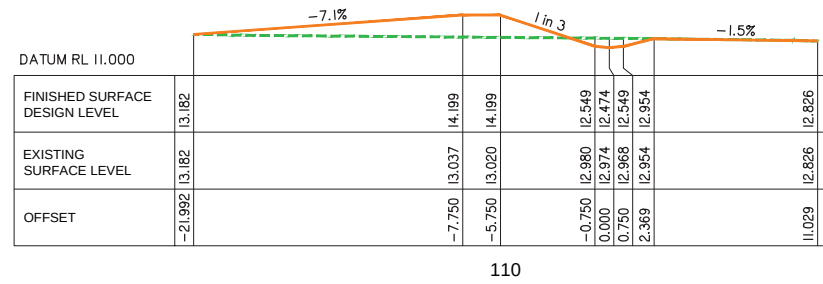
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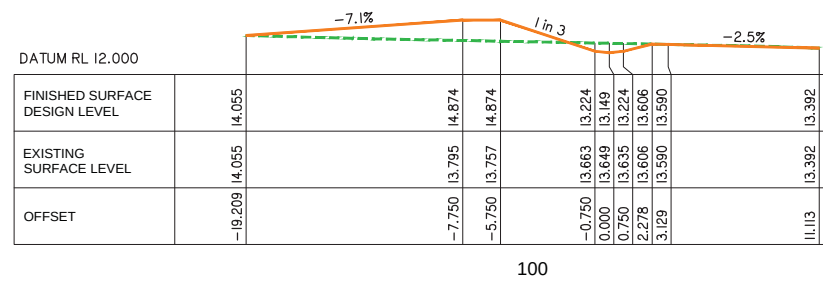
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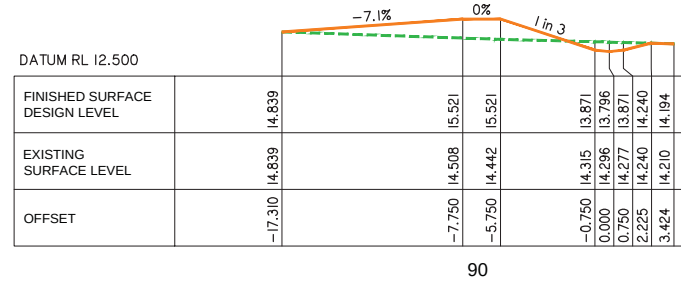
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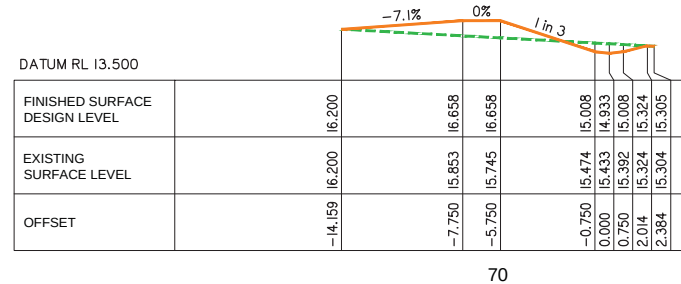
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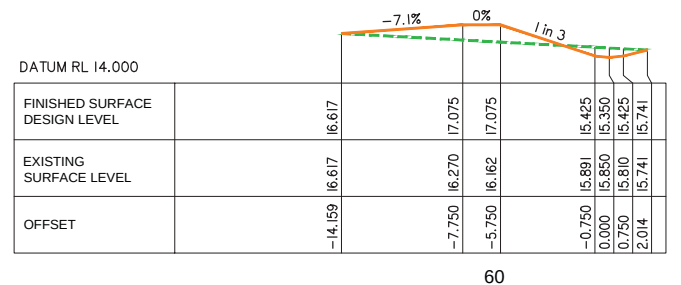
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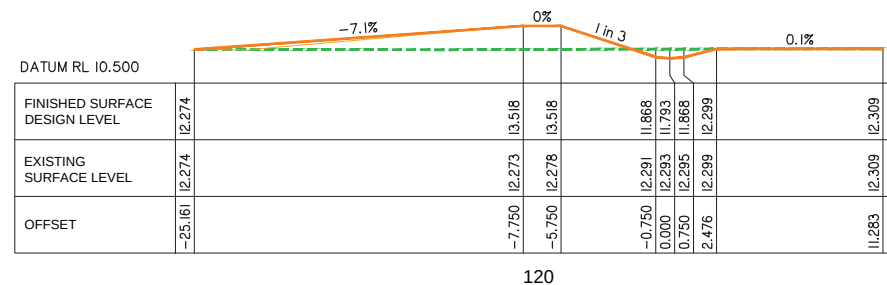
90



70



60



120



KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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SWALE 02
BULK EARTHWORKS
CROSS SECTIONS
SHEET 2 OF 3

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MO.
A	09-02-18	ORIGINAL ISSUE	GCP	MG.
Issue#	Date	Description	DRN	CHK

1:200 (FULL SIZE A1)
1:400 (HALF SIZE A3)

Scale at A1: 1:200

Designed:	IG
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Drafted:	GCP
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Approved:	MG
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RPEQ:	16939
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Signed:	
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Date:	11-05-18
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Drawing No:	Rev. No:
5738 ENG BE1 501	B



Client:

KS8 Pty. Ltd.

Site Address:

60 STAPLYTON JACOBS
WELL ROAD, STAPLYTON

RPD:

Lot / Plan: 1 on RP6882
240 on W31320
4 on RP6843

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

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

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DRAWING TITLE

SWALE 02
BULK EARTHWORKS
CROSS SECTIONS
SHEET 3 OF 3

B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

SCALE IN METRES

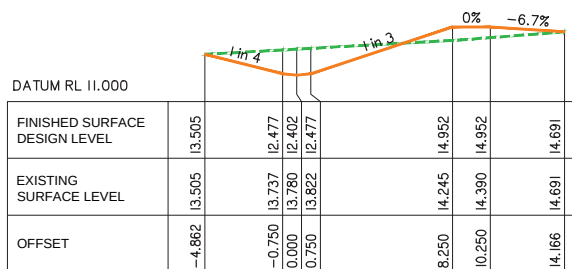


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1:400 (HALF SIZE A3)

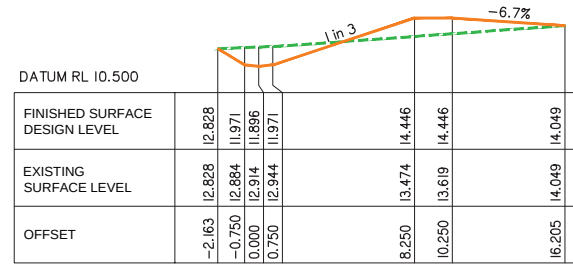
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Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

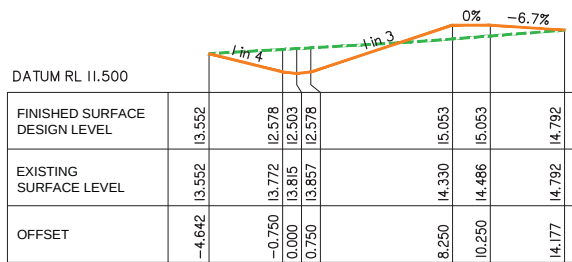
Drawing No: 5738 ENG BE1 502
Rev. No: B



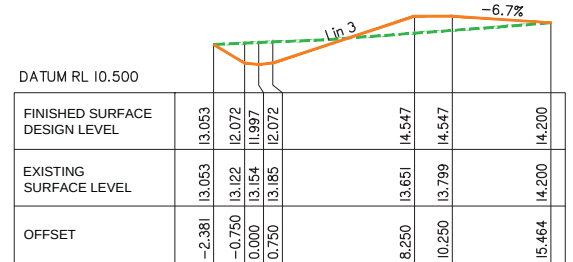
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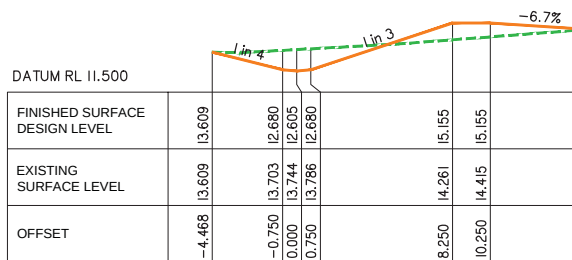
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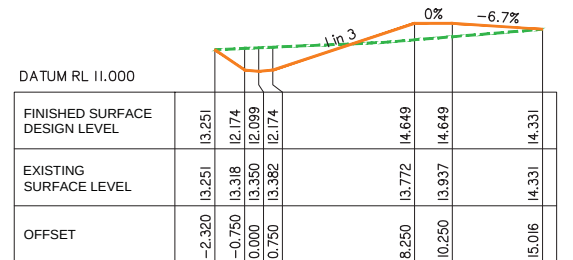
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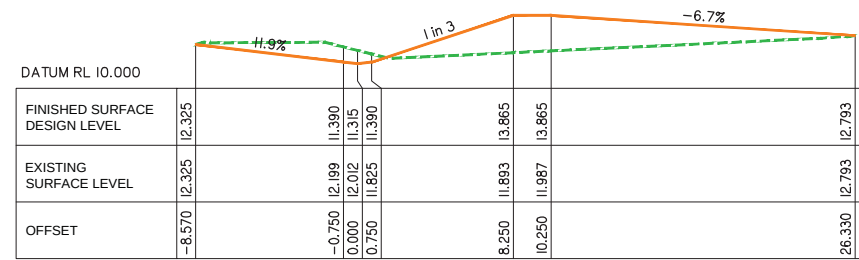
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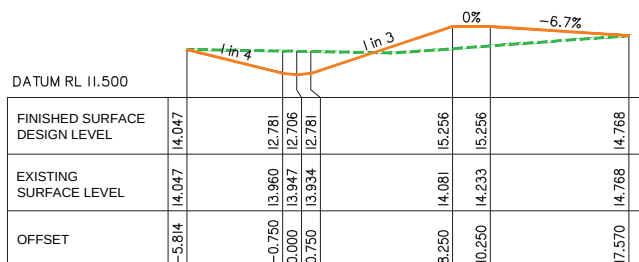
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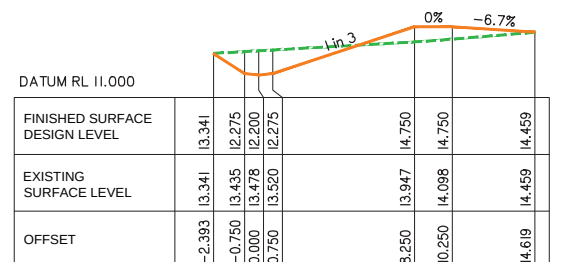
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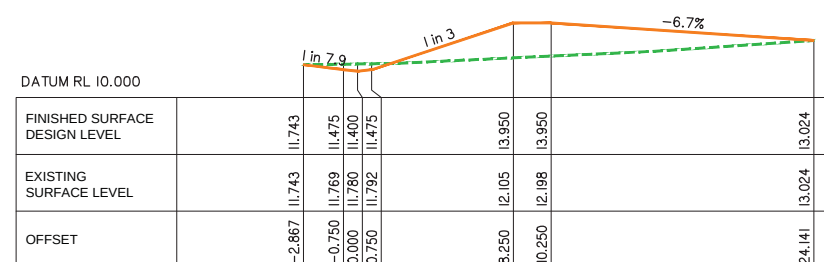
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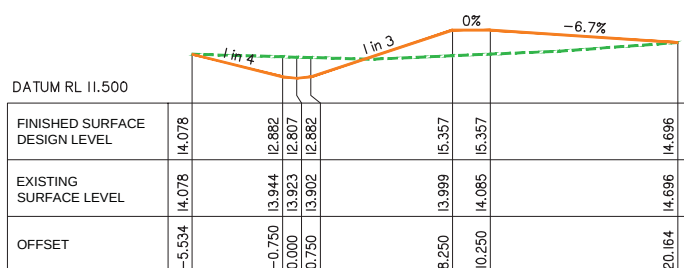
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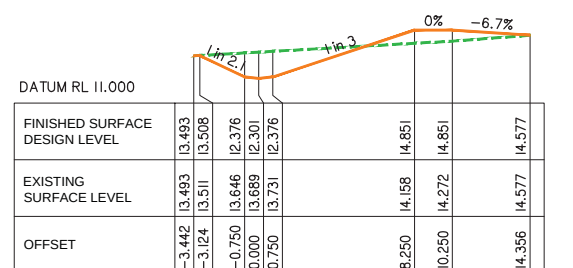
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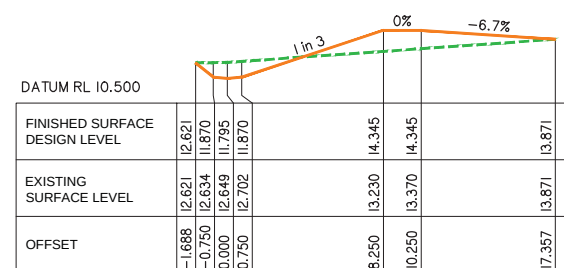
380



240



290



340

KS8 Pty. Ltd.

60 STAPLYTON JACOBS
WELL ROAD, STAPYLTON

Level Datum: AHD
Meridian: IS216853
Contour Interval: -
PSM:
RL:

ISSUED FOR APPROVAL
NOT FOR CONSTRUCTION

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DRAWING TITLE

OPERATIONAL PHASE
BIO RETENTION BASIN
LAYOUT PLAN AND DETAILS
SHEET 1 OF 2

[illegible]

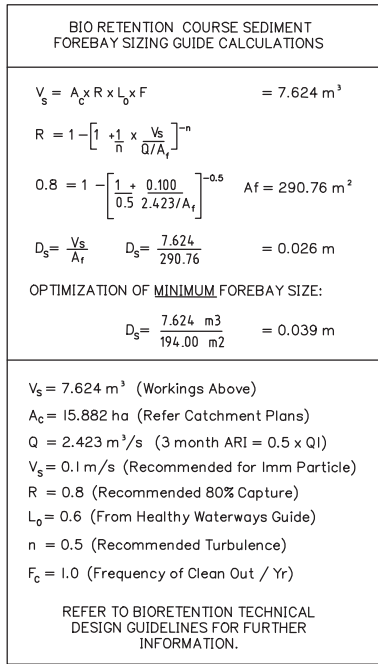
B	11-05-18	INFORMATION REQUEST RESPONSE	GCP	MG
A	09-02-18	ORIGINAL ISSUE	GCP	MG
Issue	Date	Description	DRN	CHK

AS SHOWN

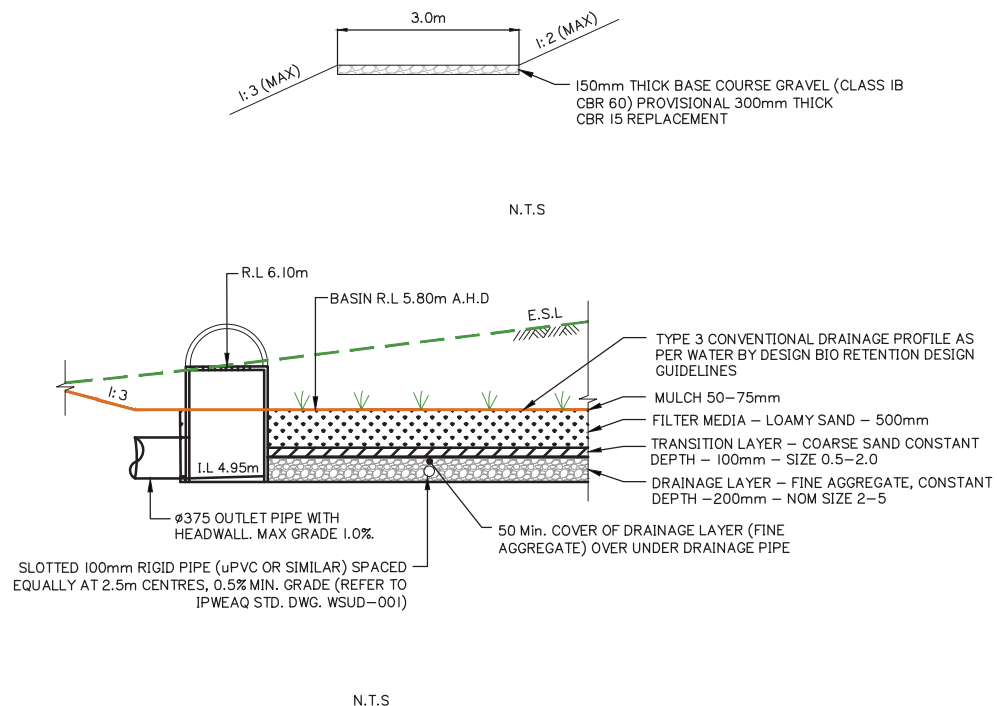
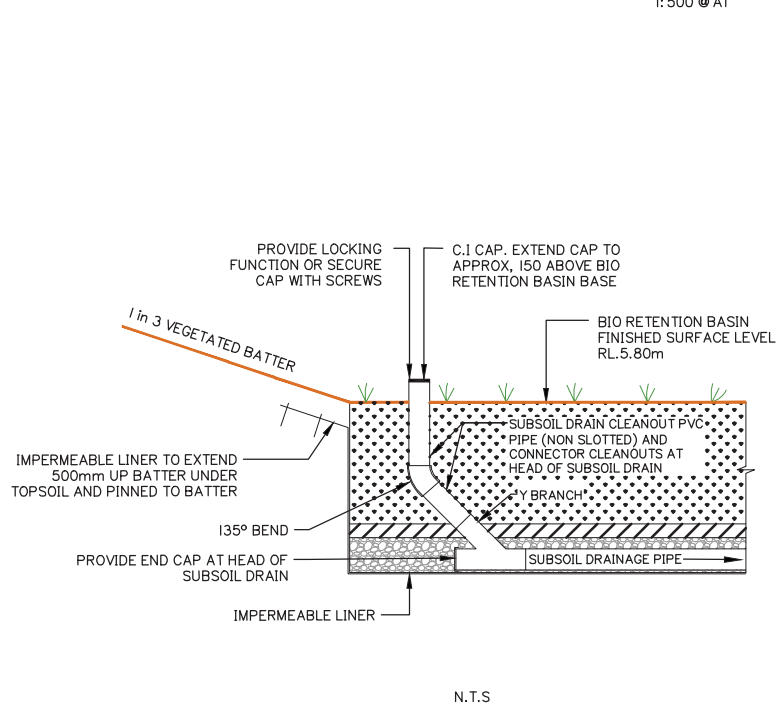
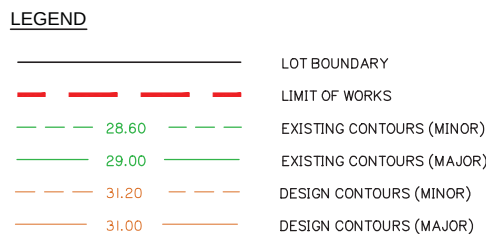
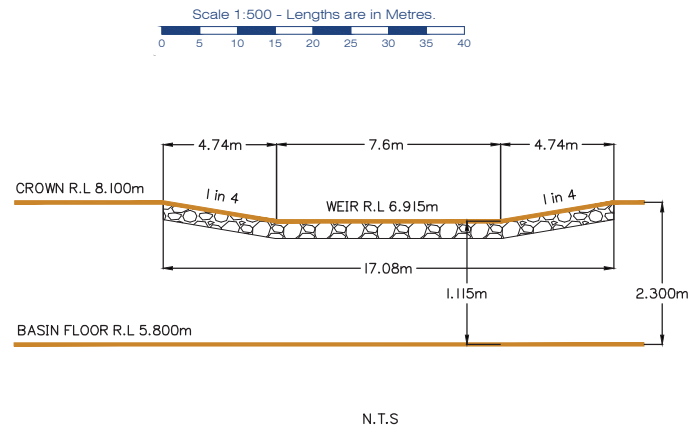
Scale at A1: AS SHOWN

Designed:	IG
Drafted:	GCP
Approved:	MG
RPEQ:	16939
Signed:	
Date:	11-05-18

Drawing No:	Rev. No:
5738 ENG BE1 570	B



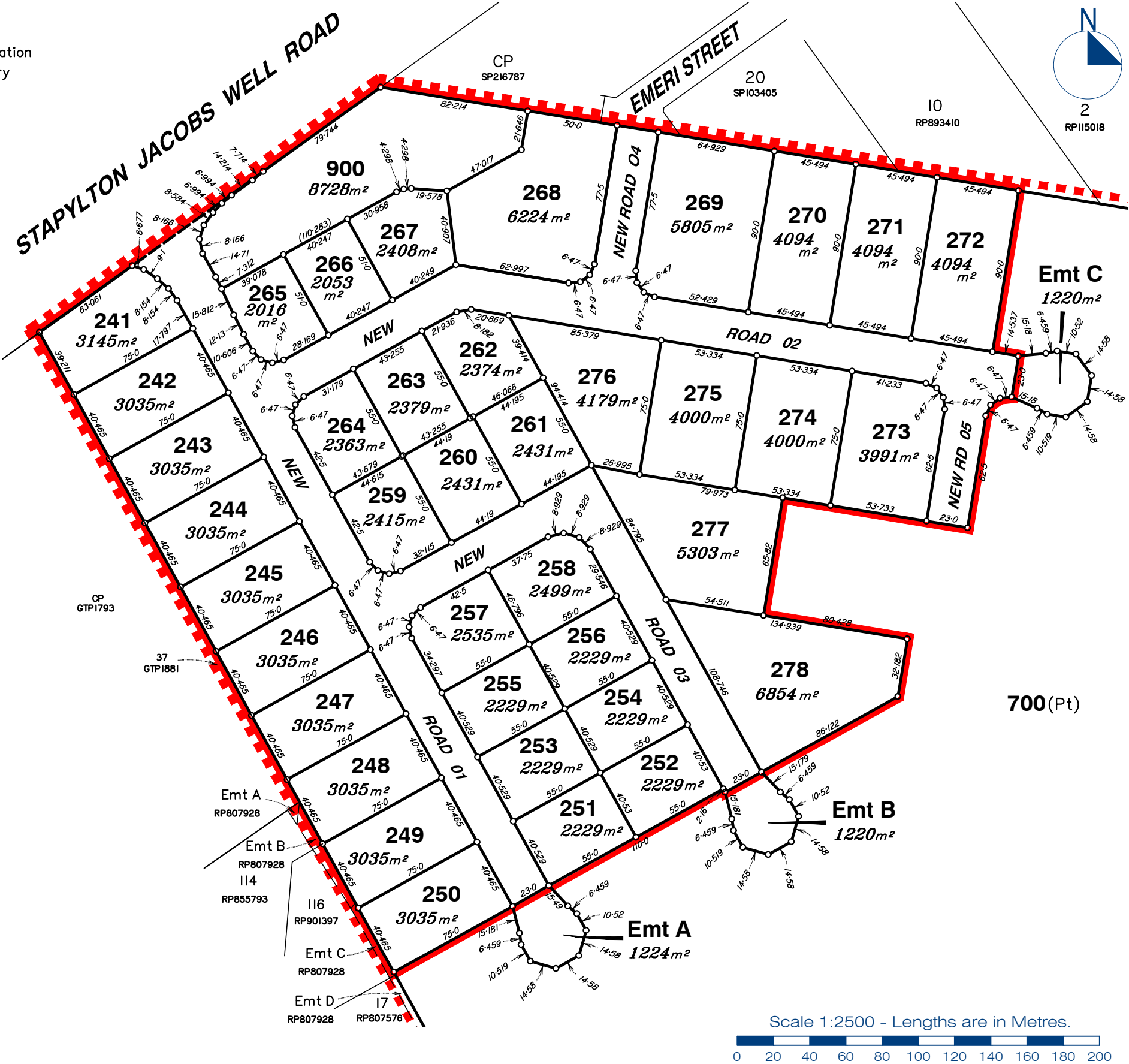
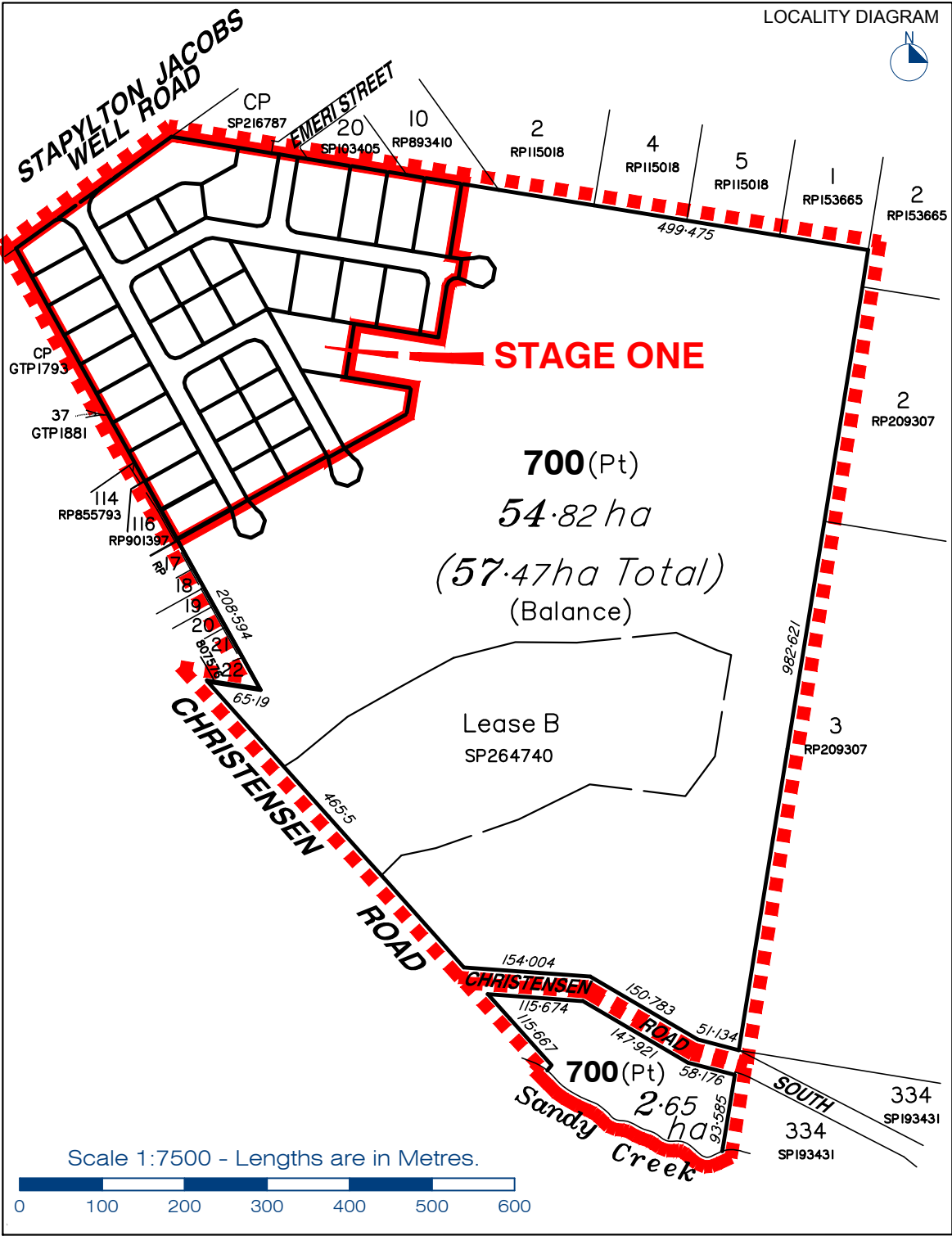
ARI YEARS	MAX. WATER ELEVATION (m) A.H.D	MAX. WATER DEPTH (m)
Q1	6.617	0.817
Q2	6.755	0.955
Q5	6.929	1.129
Q10	7.002	1.202
Q20	7.084	1.284
Q50	7.174	1.374
Q100	7.240	1.440





DEVELOPMENT SUMMARY				
Total Site Area 73.67Ha				
LOT YIELD	STAGE AREA	LOT DENSITY	AVERAGE LOT SIZE	APPROX. AREA OF NEW ROAD
38 Lots	16.20 Ha	2.43 Lots/Ha	3153m ²	3.086 Ha

--- Limit of Application
--- Stage Boundary



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Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beenleigh 4207
Brisbane | Level 8, 97 Creek Street, Brisbane QLD 4000 | GPO Box 999, Brisbane 4000

Scale at A3: 1:2500

Date: 09-02-18

Design:

Drawn: SJH

Checked: AWG

Issue	Date	Description	DRN	CHK
A	10/05/18	Minor Lot changes	SJH	AWG
	09/02/18	ORIGINAL ISSUE	SJH	AWG

Project:

M38 INDUSTRIAL PARK
YATALA

Client:

KS8 PTY LTD

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All dimensions and areas are approximate only and subject to survey.

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Drawing Title:

Proposed Staged
Reconfiguration of
Land STAGE ONE

Canceling Lot 1 on RP6882 & Lot 240 on W31320

Drawing No: 5738 P ROL 01A

Revision No: