

OPERATIONAL WORKS FOR CHANGE TO GROUND LEVEL

DRAWING INDEX		
DRAWING No.	Rev.	DRAWING TITLE
6098 ENG BE 001	B	DRAWING INDEX AND LOCALITY PLAN
6098 ENG BE 002	A	GENERAL NOTES SHEET 1 OF 2
6098 ENG BE 003	A	GENERAL NOTES SHEET 2 OF 2
6098 ENG BE 004	A	LEGEND
6098 ENG BE 005	B	KEY PLAN LAYOUT
6098 ENG BE 010	B	EXISTING SURFACE LAYOUT PLAN SHEET 1 OF 2
6098 ENG BE 011	B	EXISTING SURFACE LAYOUT PLAN SHEET 2 OF 2
6098 ENG BE 020	B	SEDIMENT AND EROSION CONTROL PLAN SHEET 1 OF 2
6098 ENG BE 021	B	SEDIMENT AND EROSION CONTROL PLAN SHEET 2 OF 2
6098 ENG BE 035	A	SEDIMENT AND EROSION TYPICAL DETAILS
6098 ENG BE 050	B	BULK EARTHWORKS CUT AND FILL PLAN SHEET 1 OF 2
6098 ENG BE 051	B	BULK EARTHWORKS CUT AND FILL PLAN SHEET 2 OF 2
6098 ENG BE 100	B	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 1 OF 2
6098 ENG BE 101	B	FINISHED BULK EARTHWORKS SURFACE LEVEL PLAN SHEET 2 OF 2
6098 ENG BE 150	B	FINISHED BULK EARTHWORKS SURFACE LEVEL CROSS SECTIONS
6098 ENG BE 400	B	RETAINING WALL CONTROL LINE LAYOUT PLAN
6098 ENG BE 401	B	RETAINING WALL LONGITUDINAL SECTION, TYPICAL DETAIL & SETOUT

CLIENT



FRASERS
PROPERTY

FPI QUEENSLAND PTY. LTD.

VantageYatala

SITE ADDRESS

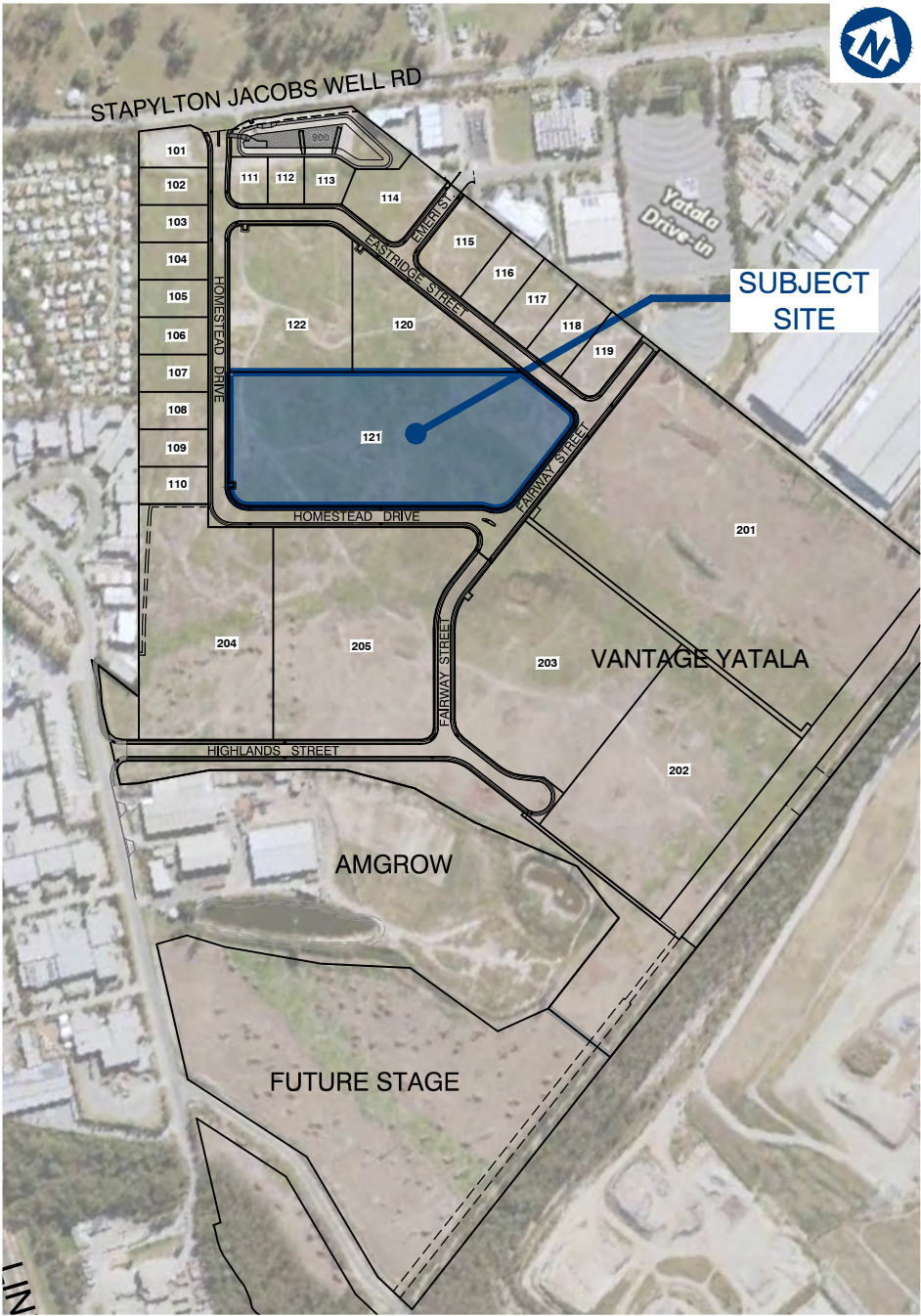
LOT 121 & 122 on SP316168

HOMESTEAD DRIVE

STAPYLTON QLD 4207

DWG No. 6098 ENG BE 001 – REV B

MARCH 2022



LOCALITY PLAN
SCALE 1: 4000 (A1)

	OVERLAND FLOW PATH/SWALE
	CATCH DRAIN (NOT LINED)
	DIVERSION CHANNEL
	TABLE DRAIN
	STREAM INVERT
	CATCH DRAIN (CONCRETE LINED)
	SUBSOIL DRAINAGE
	SAWCUT
	SEDIMENT FENCE
	CHAINWIRE FENCE
	WOODEN FENCE
	BRIFEN WIRE SAFETY BARRIER
	GUARDRAIL (STANDARD)
	RETAINING WALL (PILED)
	RETAINING WALL (WITH FOOTINGS)
	RETAINING WALL
	ROCKBLOCK RETAINING WALL
	TOP OF BATTER / BERM
	NOISE WALL
	EDGE OF VEGETATION
	PROPERTY LINE
	PROPERTY LINE WITH FENCE
	PROPOSED KERB, FOOTPATH
	CONTROL LINE / CENTER OF ROAD
	RAILWAY (MAJOR)
	RAILWAY (MINOR)
	EXISTING PROPERTY LINE
	EXISTING PROPERTY LINE WITH FENCE
	EXISTING KERB, FOOTPATH
	EXISTING EDGE OF BITUMEN
	EXISTING RAILWAY (MAJOR)
	EXISTING RAILWAY (MINOR)
	LIMIT OF WORKS
	LIMIT OF SITE
	CATCHMENT BOUNDARY
	EXISTING CONTOURS
	DESIGN CONTOURS

— RM — RM — RM —	PROPOSED RISING MAIN
— S — S — S — S — S — S — S — S —	PROPOSED SEWER
— SW — SW — SW — SW — SW — SW — SW — SW —	PROPOSED STORMWATER
— RW — RW — RW — RW —	PROPOSED ROOF WATER
— SS — SS — SS — SS — SS — SS — SS — SS —	PROPOSED ROOF WATER
— W — W — W — W — W — W — W — W —	PROPOSED SUBSOIL
— W — W — W — W — W — W — W — W —	PROPOSED WATER
— RW — RW — RW — RW —	PROPOSED RECYCLED WATER
— OIL — OIL — OIL — OIL — OIL — OIL — OIL — OIL —	PROPOSED OIL
— F — F — F — F — F — F — F — F —	PROPOSED FUEL
— G — G — G — G — G — G — G — G —	PROPOSED GAS
— P — P — P — P — P — P — P — P —	PROPOSED PIPELINE
— HV — HV — HV — HV — HV — HV — HV — HV —	PROPOSED HIGH VOLTAGE ELECTRICITY
— E — E — E — E — E — E — E — E —	PROPOSED UNDERGROUND ELECTRICITY
— E V — E V — E V — E V — E V — E V — E V —	PROPOSED OVERHEAD ELECTRICITY
— L — L — L — L — L — L — L — L —	PROPOSED LIGHTING
— T — T — T — T — T — T — T — T —	PROPOSED TELSTRA
— C — C — C — C — C — C — C — C —	PROPOSED COMMUNICATIONS
— GE — GE — GE — GE — GE — GE — GE — GE —	PROPOSED GAS, ELECT
— GT — GT — GT — GT — GT — GT — GT — GT —	PROPOSED GAS, TELSTRA
— ET — ET — ET — ET — ET — ET — ET — ET —	PROPOSED ELECT, TELSTRA
— GET — GET — GET — GET — GET — GET — GET — GET —	PROPOSED GAS, ELECTRICITY, TELSTRA
— RM — RM — RM —	EXISTING RISING MAIN
— S — S — S — S — S — S — S — S —	EXISTING SEWER
— SW — SW — SW — SW — SW — SW — SW — SW —	EXISTING STORMWATER
— RW — RW — RW — RW —	EXISTING ROOF WATER
— SS — SS — SS — SS — SS — SS — SS — SS —	EXISTING SUBSOIL
— W — W — W — W — W — W — W — W —	EXISTING WATER
— W — W — W — W — W — W — W — W —	EXISTING WATER
— RW — RW — RW — RW —	EXISTING RECYCLED WATER
— OIL — OIL — OIL — OIL — OIL — OIL — OIL — OIL —	EXISTING OIL
— F — F — F — F — F — F — F — F —	EXISTING FUEL
— G — G — G — G — G — G — G — G —	EXISTING GAS
— P — P — P — P — P — P — P — P —	EXISTING PIPELINE
— HV — HV — HV — HV — HV — HV — HV — HV —	EXISTING HIGH VOLTAGE ELECTRICITY
— E — E — E — E — E — E — E — E —	EXISTING UNDERGROUND ELECTRICITY
— E V — E V — E V — E V — E V — E V — E V —	EXISTING OVERHEAD ELECTRICITY
— L — L — L — L — L — L — L — L —	EXISTING LIGHTING
— T — T — T — T — T — T — T — T —	EXISTING TELSTRA
— C — C — C — C — C — C — C — C —	EXISTING COMMUNICATIONS
— GE — GE — GE — GE — GE — GE — GE — GE —	EXISTING GAS, ELECT
— GT — GT — GT — GT — GT — GT — GT — GT —	EXISTING GAS, TELSTRA
— ET — ET — ET — ET — ET — ET — ET — ET —	EXISTING ELECT, TELSTRA
— GET — GET — GET — GET — GET — GET — GET — GET —	EXISTING GAS, ELECTRICITY, TELSTRA

— RM — X — RM — X — RM — X — RM — X —	DEMOLISH RISING MAIN
— S — X — S — X — S — X — S — X —	DEMOLISH SEWER
— SW — X — SW — X — SW — X — SW — X —	DEMOLISH STORMWATER
— SS — X — SS — X — SS — X — SS — X —	DEMOLISH SUBSOIL
— W — X — W — X — W — X — W — X —	DEMOLISH WATER
— OIL — X — OIL — X — OIL — X — OIL — X —	DEMOLISH OIL
— F — X — F — X — F — X — F — X — F — X —	DEMOLISH FUEL
— HV — X — HV — X — HV — X — HV — X —	DEMOLISH HIGH VOLTAGE ELECTRICITY
— E — X — E — X — E — X — E — X — E — X —	DEMOLISH UNDERGROUND ELECTRICITY
— E — X — E — X — E — X — E — X — E — X —	DEMOLISH OVERHEAD ELECTRICITY
— L — X — L — X — L — X — L — X — L — X —	DEMOLISH LIGHTING
— G — X — G — X — G — X — G — X — G — X —	DEMOLISH GAS
— P — X — P — X — P — X — P — X — P — X —	DEMOLISH PIPELINE
— T — X — T — X — T — X — T — X — T — X —	DEMOLISH TELSTRA
— C — X — C — X — C — X — C — X — C — X —	DEMOLISH COMMUNICATIONS

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
	EXISTING SIGN
	PROPOSED SIGN
	PROPOSED ROAD EDGE GUIDE POST
	EXISTING BIN
	POST BOX
	TELEPHONE BOX
	TELSTRA PIT
	TELSTRA MARKER POST
	WATER METER
	WATER VALVE
	FIRE HYDRANT
	WATER TAP
	WATER HYDRANT
	WATER TEE
	WATER REDUCER
	WATER ENDCAP
	WATER CONNECTION
	WATER CROSSING
	WATER DIEL
	SEWER MANHOLE
	SEWER RODDING END
	SEWER BEND
	SEWER MAINTENANCE SHAFT
	SEWER 'T' END
	SEWER SLUICE VALVE
	SEWER PIT
	SEWER PUMP STATION
	TEMPORARY SEWER PUMP STATION
	SEWER / STORMWATER PIT NO/LINE
	SETOUT POINT
	OFFSET PIT WITH GRATE
	IN LINE PIT WITH GRATE
	JUNCTION PIT
	LETTERBOX PIT
	GRATED INLET PIT
	MANHOLE
	GULLY PIT (LIP INLINE) BARRIER KERB
	GULLY PIT (LIP INLINE) BARRIER KERB
	GULLY PIT (LIP INLINE) ROLL TOP KERB
	GULLY PIT (LIP INLINE) ROLL TOP KERB
	GULLY PIT (KERB INLINE) – GRADE
	GULLY PIT (KERB INLINE) – SAG
	INFILTRATION TRENCH
	HEADWALL
	GROSS POLLUTANT TRAP
	STORMWATER CHAMBER

g:\Projects\6099\engineering\A66\B2\B2-004\6099-ENG-BE2-004.dwg

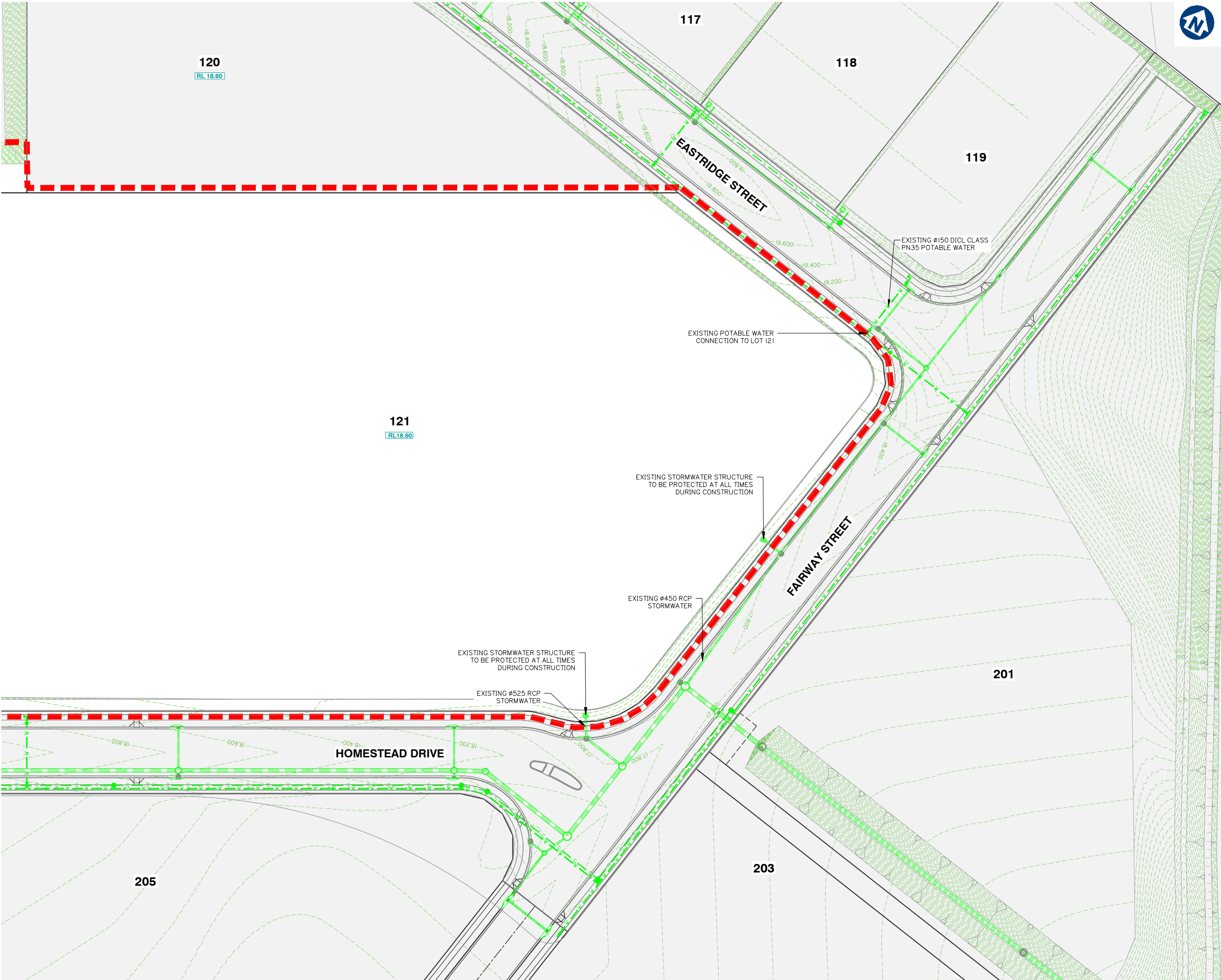




ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED	JH	MC	
A	21-12-2021	ORIGINAL ISSUE	DV	MC	
Issue	Date	Description	DRN	CH	

Drawing No:	Rev. No:
6098 ENG BE 005	B



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:



FPI QUEENSLAND PTY. LTD.

Project:

LOT 120-122 BOUNDARY
REALIGNMENT

Site Address:

HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot: 120 - 122
Plan: SP316168
Local Authority: CITY OF GOLD COAST
COUNCIL
Level Datum: AHD
Meridian: -
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.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE

EXISTING SURFACE LAYOUT
PLAN SHEET 2 OF 2

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED	JH	MG	
A	21-12-2021	ORIGINAL ISSUE	DV	MG	
Issue	Date	Description	DRN	CHK	

SCALE IN METRES



Scale at A1: 1:500

Designed: DV

Drafted: DV

Approved: MG

RPEQ: 16939

Signed:

Date: 14-01-2022

Drawing No:
6098 ENG BE 011

Rev. No:
B

EXISTING SURFACE AND FEATURES PLAN SHEET 2 OF 2



Client:



FPI QUEENSLAND PTY. LTD.

Project:

LOT 120-122 BOUNDARY REALIGNMENT

Site Address:

HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot:	120 - 122
Plan:	SP316168
Local Authority:	CITY OF GOLD COAST COUNCIL
Level Datum:	AHD
Meridian:	-
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.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE

SEDIMENT AND EROSION
CONTROL PLAN SHEET 2 OF 2

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED	JH	MQ	
A	21-12-2021	ORIGINAL ISSUE	DV	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:	DV
-----------	----

Drafted:	DV
----------	----

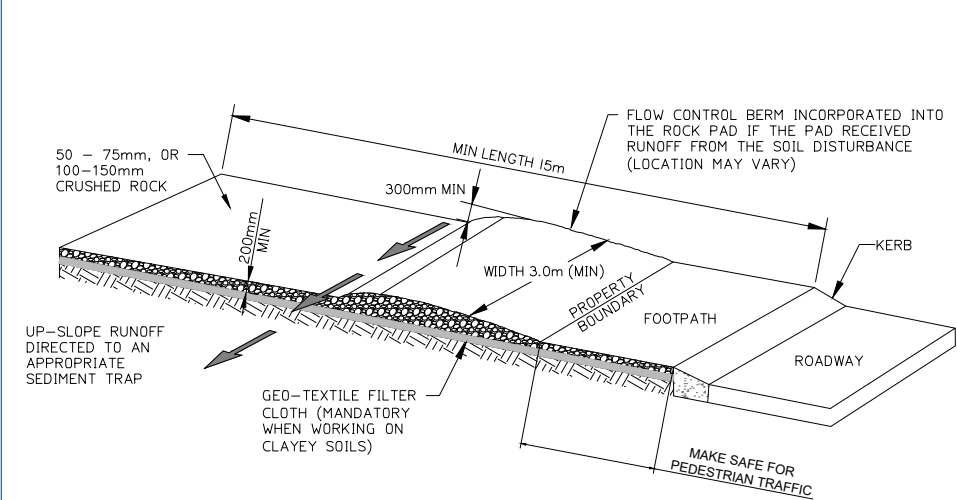
Approved:	MG
-----------	----

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

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

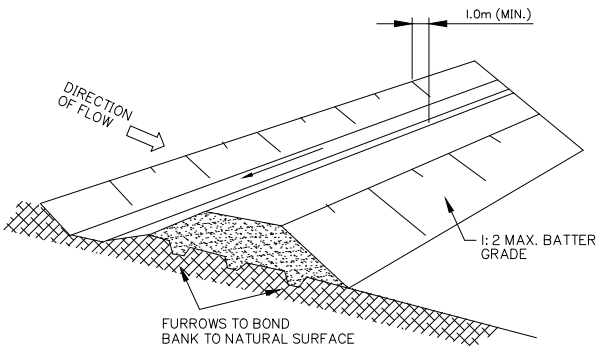
Date:	14-01-2022
-------	------------

Drawing No:	Rev. No:
6098 ENG BE 021	B



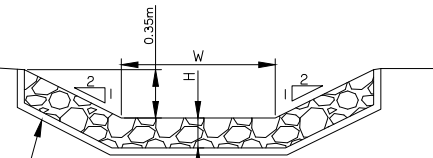
ENTRY/EXIT PAD FOR CONSTRUCTION SITE

NOT TO SCALE



DIVERSION DRAIN

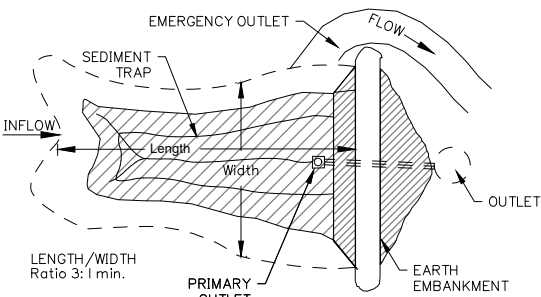
NOT TO SCALE



ROCK LINED CHUTE

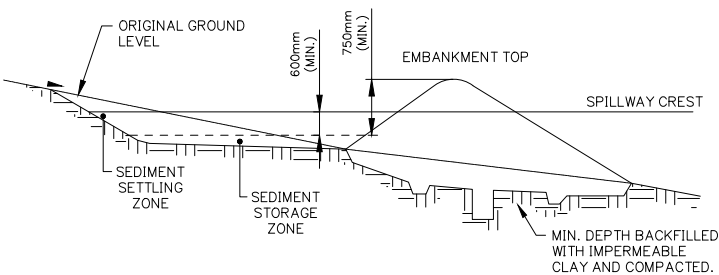
NOT TO SCALE

ROCK LINED CHUTE DETAILS			
	W	H	L
TYPE 1	3.5m	0.81m	6.0m
TYPE 2	5.0m	0.90m	8.0m



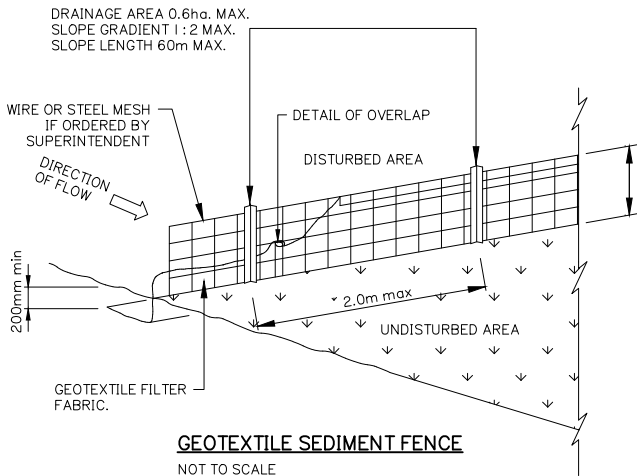
TYPICAL SEDIMENT BASIN

NOT TO SCALE



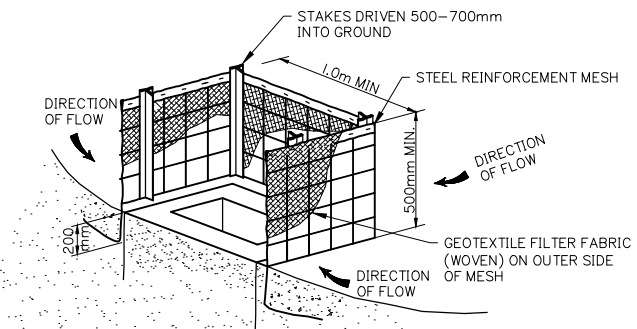
TYPICAL SECTION VEE DRAIN

NOT TO SCALE



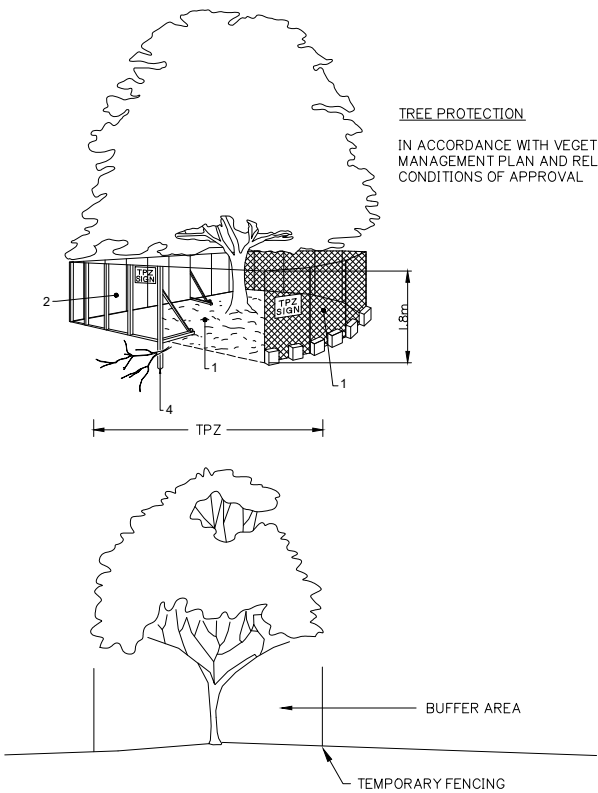
GEOTEXTILE SEDIMENT FENCE

NOT TO SCALE



STORMWATER INLET - SEDIMENT TRAP

NOTE:
FOURTH SIDE OF TRAP NOT SHOWN FOR CLARITY



TREE PROTECTION

IN ACCORDANCE WITH VEGETATION
MANAGEMENT PLAN AND RELEVANT
CONDITIONS OF APPROVAL

FENCING AS PER AS: 4970

1. CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRETE FEET.
2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THIS FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ.
3. MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST.) NO EXCAVATION, CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ.
4. BRACING IS PERMITTED WITHIN THE TPZ. INSTALLATION OF SUPPORTS SHOULD AVOID DAMAGING ROOTS.
5. THE CONSTRUCTION CONTRACTOR IS NOT TO UNDERTAKE ANY PRUNING OF TREES. TREE MANAGEMENT IS TO BE UNDERTAKEN BY A SUITABLY QUALIFIED ARBORIST.
6. NO STOCKPILE/S ARE PERMITTED WITHIN THE ZONE OF ANY RETAINED VEGETATION WITHOUT SUPERVISION AND AUTHORIZATION OF THE SUPERVISING ARBORIST.
7. NO CLEARING OF PROTECTED SIZE VEGETATION IS TO OCCUR WITHOUT APPROVAL FROM LOGAN CITY COUNCIL.

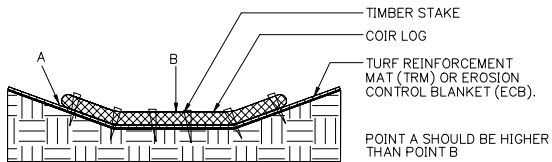
DETERMINING THE TPZ

THE RADIUS OF THE TPZ IS CALCULATED FOR EACH TREE BY MULTIPLYING ITS DBH X 12 = TRUNK DIAMETER MEASURED AT 1.4M ABOVE GROUND. RADIUS IS MEASURED FROM THE CENTRE OF THE STEM AT GROUND LEVEL.

A TPZ SHOULD NOT BE LESS THAN 2M NOR GREATER THAN 15M (EXCEPT WHERE CROWN PROTECTION IS REQUIRED).
THE TPZ OF PALMS, OTHER MONOCOTS, CYCADS AND TREE FERNS SHOULD NOT BE LESS THAN 1M OUTSIDE THE CROWN PROJECTION.

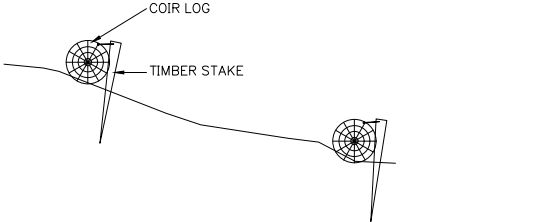
PROTECTIVE FENCING

NOT TO SCALE



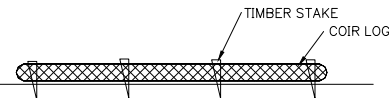
PROPER PLACEMENT OF COIR LOG IN DRAINAGE PATH

NOT TO SCALE



COIR LOG AND TIMBER STAKES STABILISING SLOPE

NOT TO SCALE



PROPER PLACEMENT OF COIR LOG IN SLOPE

NOT TO SCALE

Client:



FPI QUEENSLAND PTY. LTD.

Project:

LOT 120-122 BOUNDARY
REALIGNMENT

Site Address:

HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED
TO BE PRINTED IN COLOUR

RPD:

Lot: 120 - 122
Plan: SP316168
Local Authority: CITY OF GOLD COAST
COUNCIL
Level Datum: AHD
Meridian: -
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.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE

SEDIMENT AND EROSION
TYPICAL DETAILS

Issue	Date	Description	DV	MG
A	21-12-2021	ORIGINAL ISSUE		

SCALE IN METRES

0 200 400 600 800 1000
1:10000 (FULL SIZE A1)
1:20000 (HALF SIZE A3)

Scale at A1: N.T.S

Designed: DV

Drafted: DV

Approved: MG

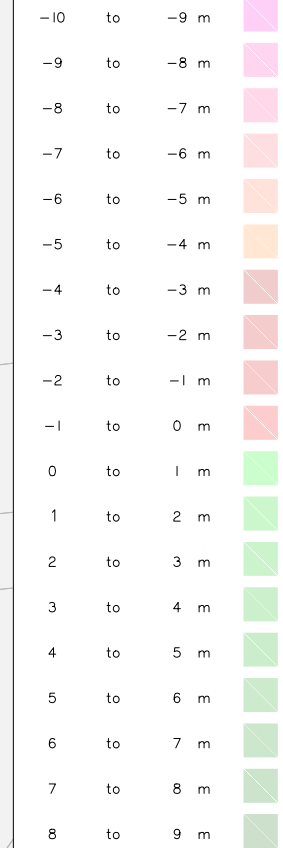
RPEQ: 16939

Signed:

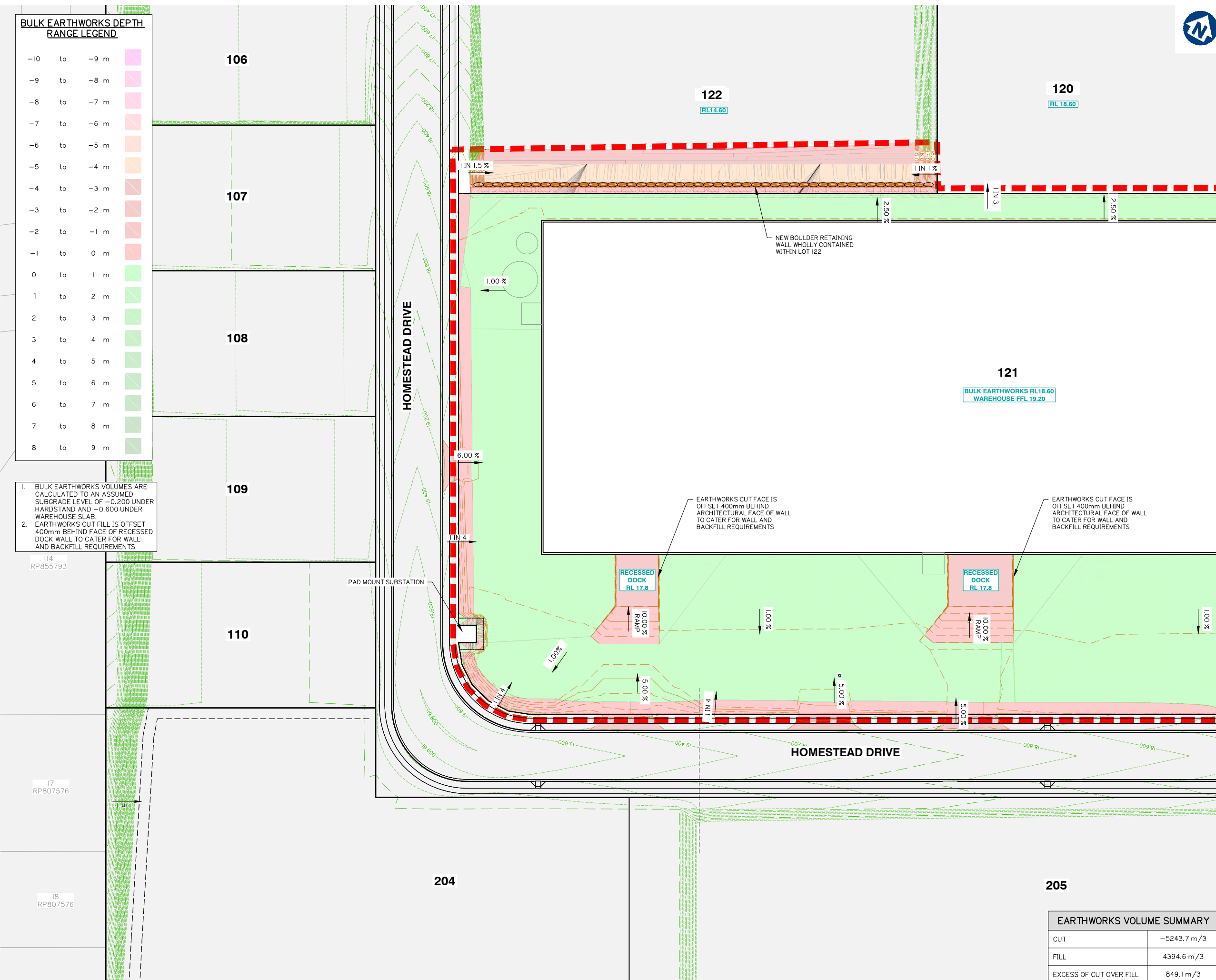
Date: 14-01-2022

Drawing No:
6098 ENG BE 035

Rev. No:
A



1. BULK EARTHWORKS VOLUMES ARE CALCULATED TO AN ASSUMED SUBGRADE LEVEL OF -0.200 UNDER HARDSTAND AND -0.600 UNDER WAREHOUSE SLAB.
2. EARTHWORKS CUT FILL IS OFFSET 400mm BEHIND FACE OF RECESSED DOCK WALL TO CATER FOR WALL AND BACKFILL REQUIREMENTS



EARTHWORKS VOLUME SUMMARY	
CUT	-5243.7 m ³
FILL	4394.6 m ³
EXCESS OF CUT OVER FILL	849.1 m ³

Client:



FPI QUEENSLAND PTY. LTD.

Project:

LOT 120-122 BOUNDARY REALIGNMENT

Site Address:

HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot: 120 - 122
Plan: SP316168
Local Authority: CITY OF GOLD COAST
COUNCIL
Level Datum: AHD
Meridian: -
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.

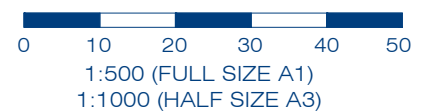
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE

BULK EARTHWORKS CUT
AND FILL PLAN SHEET 1 OF 2

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED			JH
A	21-12-2021	ORIGINAL ISSUE			MG
Issue	Date	Description			DRN
					CHK

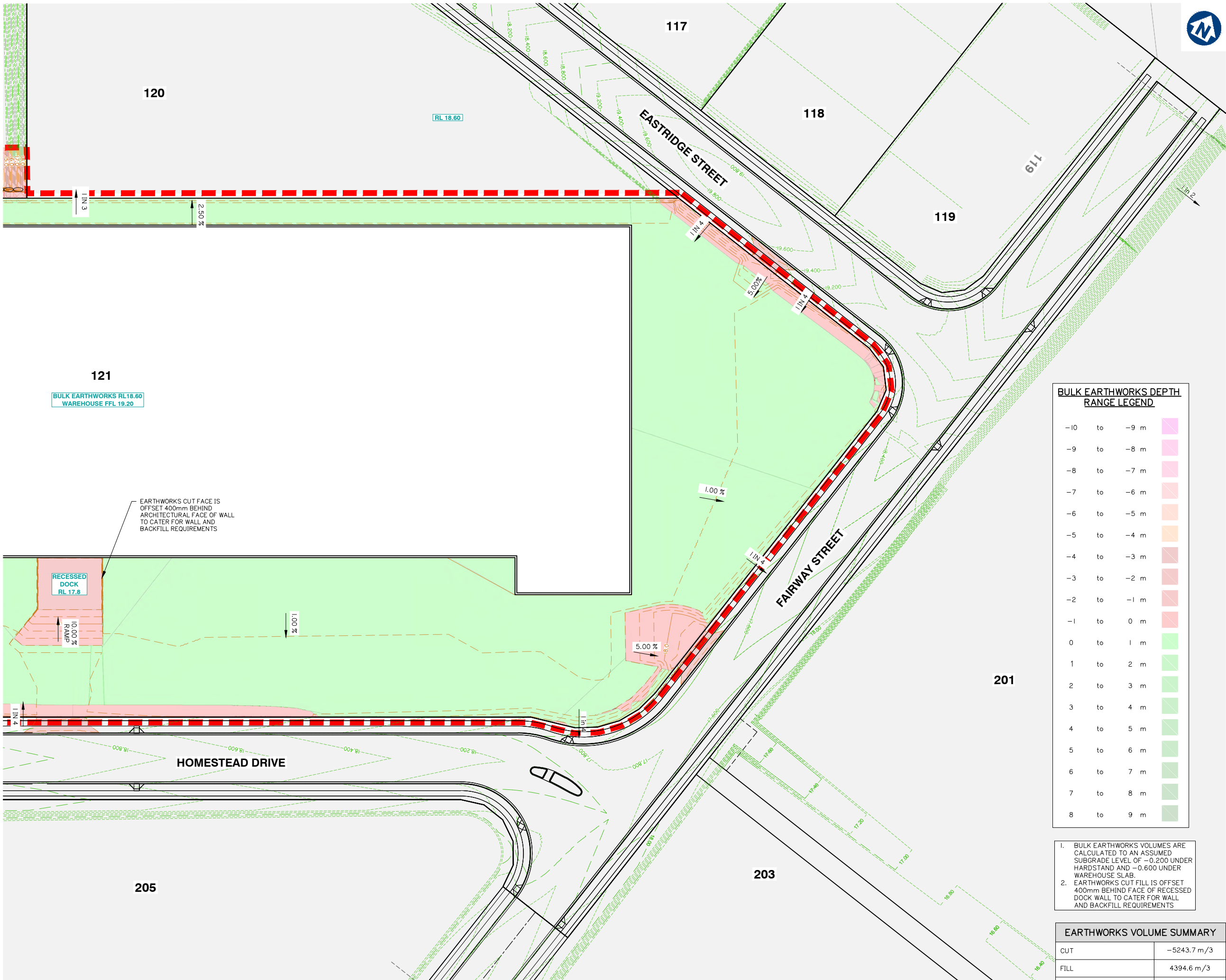
SCALE IN METRES



Scale at A1: 1:500

Designed:	DV
Drafted:	DV
Approved:	MG
RPEQ:	16939
Signed:	
Date:	13-01-2022

Drawing No:	Rev. No:
6098 ENG BE 050	B



BULK EARTHWORKS DEPTH RANGE LEGEND

-10	to	-9 m	
-9	to	-8 m	
-8	to	-7 m	
-7	to	-6 m	
-6	to	-5 m	
-5	to	-4 m	
-4	to	-3 m	
-3	to	-2 m	
-2	to	-1 m	
-1	to	0 m	
0	to	1 m	
1	to	2 m	
2	to	3 m	
3	to	4 m	
4	to	5 m	
5	to	6 m	
6	to	7 m	
7	to	8 m	
8	to	9 m	

1. BULK EARTHWORKS VOLUMES ARE CALCULATED TO AN ASSUMED SUBGRADE LEVEL OF -0.200 UNDER HARDSTAND AND -0.600 UNDER WAREHOUSE SLAB.
2. EARTHWORKS CUT FILL IS OFFSET 400mm BEHIND FACE OF RECESSED DOCK WALL TO CATER FOR WALL AND BACKFILL REQUIREMENTS

EARTHWORKS VOLUME SUMMARY	
CUT	-5243.7 m ³
FILL	4394.6 m ³
EXCESS OF CUT OVER FILL	849.1 m ³

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED	JH	MG	
A	21-12-2021	ORIGINAL ISSUE	DV	MG	
Issue	Date	Description	DRN	CHK	

SCALE IN METRES

01020304050

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

Scale at A1:	1:500
Designed:	DV
Drafted:	DV
Approved:	MG
RPEQ:	16939
Signed:	
Date:	14-01-2022



Client:



FPI QUEENSLAND PTY. LTD

Project: LOT 120-122 BOUNDARY
REALIGNMENT

Site Address:
HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot:	120 - 122
Plan:	SP316168
Local Authority:	CITY OF GOLD COAST COUNCIL
Level Datum:	AHD
Meridian:	-
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.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE
FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN SHEET 1 OF 2

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED		JH	MG
A	21-12-2021	ORIGINAL ISSUE		DV	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:	DV
Drafted:	DV
Approved:	MG
RPEQ:	16939
Signed:	
Date:	14-01-2022

Drawing No:	Rev. No:
6098 ENG BE 100	B



Client:



FPI QUEENSLAND PTY. LTD

Project:

LOT 120-122 BOUNDARY REALIGNMENT

Site Address:

HOMESTEAD DRIVE,
STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot: 120 - 122
Plan: SP316168
Local Authority: CITY OF GOLD COAST
COUNCIL
Level Datum: AHD
Meridian: -
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.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE
FINISHED BULK
EARTHWORKS SURFACE
LEVEL PLAN SHEET 2 OF 2

B	03/03/2022	STAGE 2 LOT BOUNDARIES & NUMBERS AMENDED	JH	MC	
A	21-12-2021	ORIGINAL ISSUE	DV	MC	
Issue	Date	Description	DRN	CH	

SCALE IN METRES



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

Scale at A1: 1:500

Designed:	DV
-----------	----

Drafted:	DV
----------	----

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

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

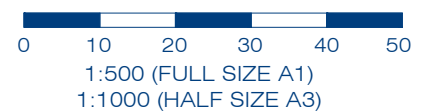
Signed:	
---------	---

Date:	14-01-2022
-------	------------

Drawing No:	Rev. No:
6098 ENG BE 101	B



B	03/03/2022	RETAINING WALL DETAILS UPDATED		JH	MO
A	21-12-2021	ORIGINAL ISSUE		DV	MG
Issue	Date	Description		DRN	CHK



MAX HEIGHT 'H' (m)	MIN. WALL BASE WIDTH 'B' (m)	MIN. WALL TOP WIDTH 'T' (m)	EMBEDMENT 'E' (m)	REQUIRED BEARING PRESSURE (KPA)
0.0 – 0.5	0.500	0.400	0.800	100
0.6 – 1.0	0.600	0.400	0.800	100
1.1 – 1.5	0.900	0.500	0.800	100
1.6 – 2.0	1.200	0.600	0.800	150
2.1 – 2.5	1.500	0.800	0.800	200
2.6 – 3.0	1.800	0.600	0.800	200
3.1 – 3.5	2.100	1.100	0.800	200
3.6 – 4.0	2.400	1.200	0.800	200
4.1 – 4.5	2.900	1.500	1.000	250
4.6 – 5.0	3.200	1.600	1.000	250

LOT 121

TOP OF WALL

BACK OF WALL

1.2m

0.5m

RETAINING WALL CONTROL LINE SETOUT LOCATION

DESIGN SURFACE

GOOD QUALITY SOUND BOULDERS FREE OF CRACKS OR DEFECTS. MIN. DIAMETER OF 1000mm WHERE WALL WIDTH ALLOWS

1

3

LOT 122

TOE OF WALL

4.0m

0.8m

EXISTING SURFACE

LEVEL 1 FILL

GEOFABRIC OR EQUIVALENT

FREE DRAINING GRAVEL 300mm MIN. WIDTH. (NOMINAL PARTICUL SIZE OF 75mm)

100mm AG DRAIN WRAPPED IN GEOFABRIC TO SWD OUTLET AT MAX. 20m CENTRES. 1: 100 MIN.

BSAE STONES TO BE PLACED TIGHT AGAINST BASE AND HAVE A MINIMUM 80% CONTACT WITH FOUNDING SOIL

2.4m

3

VOID BETWEEN BOULDERS AND FOUNDATION TO BE FILLED WITH WELL COMPACTED GRAVEL FILL OR CONCRETE

RP B'DY

SCALE 1: 50

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	2338.604	6793.093	18.600	61°00'47.03"
	10.000	2347.352	6797.939	18.600	61°00'47.03"
	20.000	2356.099	6802.786	18.600	61°00'47.03"
	30.000	2364.846	6807.632	18.600	61°00'47.03"
	40.000	2373.593	6812.478	18.600	61°00'47.03"
	50.000	2382.341	6817.324	18.600	61°00'47.03"
	60.000	2391.088	6822.170	18.600	61°00'47.03"
	70.000	2399.835	6827.016	18.600	61°00'47.03"
	80.000	2408.583	6831.862	18.600	61°00'47.03"
	90.000	2417.330	6836.708	18.600	61°00'47.03"
	100.000	2426.077	6841.554	18.600	61°00'47.03"
IP 2	110.000	2434.825	6846.400	18.600	61°00'47.03"
	120.000	2443.572	6851.247	18.600	61°00'47.03"
	129.374	2451.771	6855.789	18.600	61°00'47.03"



MAXIMUM HEIGHT OF WALL: 4.0m)

Drawing No:	Rev. No:
6098 ENG BE 401	B