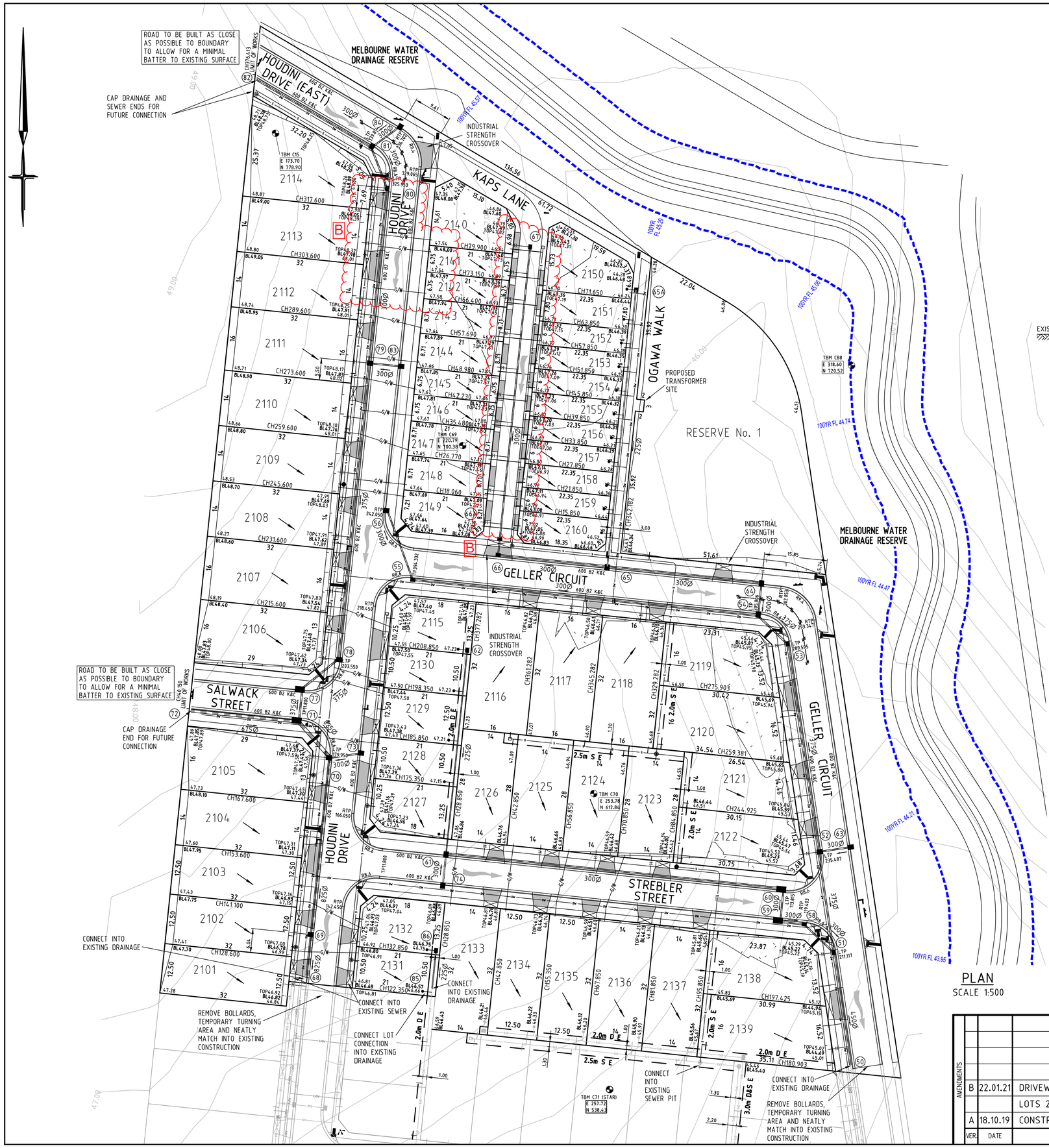


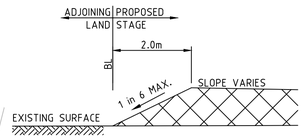
PLAN
SCALE 1:500

1:500 10 5 00 10 20 40

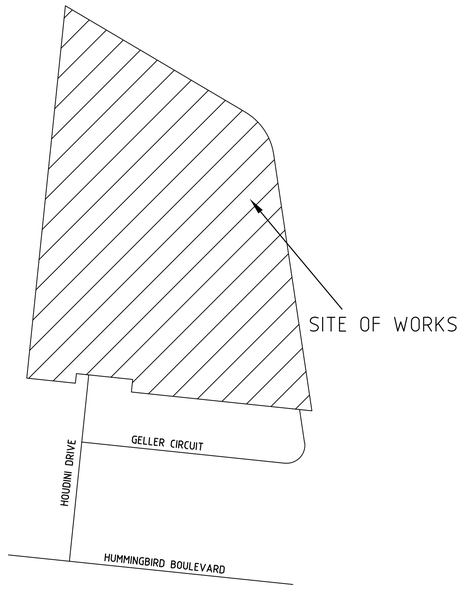
SERVICE OFFSETS AND LOCATION TABLE

ROAD NAME	RESERVE WIDTH	WATER		GAS	ELECTRICITY				TELECOMUNICATIONS		BOK	
					POLE		U/G CABLE					
		DW	NDW		SIDE	OFFSET	SIDE	OFFEST	SIDE	OFFSET	SIDE	SIDE
GELLER CIRCUIT	16.00	3.20 W	2.70 W	2.20 W	E	1.00*	E	2.60	E	1.85	4.35 W	4.05 E
GELLER CIRCUIT (EAST)	16.00	3.20 S	2.70 S	2.20 S	N	1.00*	N	2.60	N	1.85	4.05 N	4.35 S
HOUDINI DRIVE	16.00	3.20 W	2.70 W	2.20 W	E	1.00*	E	2.60	E	1.85	4.05 E	4.35 W
HOUDINI DRIVE (EAST)	16.00	3.20 S	2.70 S	2.20 S	N	1.00*	N	2.60	N	1.85	4.05 N	4.35 S
STREBLER STREET	16.00	3.20 S	2.70 S	2.20 S	N	1.00*	N	2.60	N	1.85	4.05 N	4.35 S
SALWACK STREET	16.00	3.20 S	2.70 S	2.20 S	N	1.00*	N	2.60	N	1.85	4.05 N	4.35 S
KAPPS LANE (NORTH / SOUTH)	8.50	–	–	–	–	–	–	–	–	–	1.50 E	1.50 W
KAPPS LANE (EAST / WEST)	8.00	–	–	–	N	1.00*	N	1.975	–	–	2.45 N	0.05 S
OGAWA WALK (NORTH / SOUTH)	4.00	3.25 W	2.75 W	2.25 W	–	–	W	1.775	W	3.75	–	–
OGAWA WALK (EAST / WEST)	4.00	–	–	–	–	–	N	1.975	–	–	–	–

NOTE: * OFFSET FROM BACK OF KERB



TYPICAL SECTION WITHIN LOTS 2101 - 2114
NOT TO SCALE



SITE LOCALITY PLAN
NOT TO SCALE

B

SHEET INDEX

SHT No.	VER	DESCRIPTION
1	B	LAYOUT PLAN
2	B	TYPICAL CROSS SECTIONS
3	A	PAVEMENT DETAILS & NOTES
4	A	INTERSECTION DETAILS - SHEET 1
5	A	INTERSECTION DETAILS - SHEET 2
6	B	INTERSECTION DETAILS - SHEET 3
7	A	ROAD LONGSECTIONS - SHEET 1
8	A	ROAD LONGSECTIONS - SHEET 2
9	A	ROAD CROSS SECTIONS - SHEET 1
10	A	ROAD CROSS SECTIONS - SHEET 2
11	A	ROAD CROSS SECTIONS - SHEET 3
12	A	ROAD CROSS SECTIONS - SHEET 4
13	A	ROAD CROSS SECTIONS - SHEET 5
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15	A	ROAD CROSS SECTIONS - SHEET 7
16	A	ROAD CROSS SECTIONS - SHEET 8
17	A	ROAD CROSS SECTIONS - SHEET 9
18	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 1
19	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 2
20	A	DRAINAGE LONGITUDINAL SECTIONS - SHEET 3
21	B	PIT SCHEDULE
22	B	SIGNAGE AND LINEMARKING

WARNING
BEWARE OF UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

ATTENTION TO CONTRACTOR
1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE TBM CO-ORDINATES SHOWN.
2. WHERE CONCRETE WORKS ABUT A SEWER ACCESS CHAMBER SURROUND OR SIMILAR STRUCTURE, AN EXPANSION JOINT OF APPROVAL MATERIAL SHALL BE PROVIDED BETWEEN THE TWO FACES.

SYMBOL LEGEND

	Prop	Exist
Drains		
Sewer <300	S	S
Sewer >300	S	S
Water	W	W
House Drain		
Property Inlet		
Street Sign		
PSM		
Retaining Wall		
Conduits 50mm	GW	GW
Conduits 100mm	W100	W100
Ex Gas/Elect/Tel	G E T	

Temporary Bench Mark (TBM)	
Ex/Natural/FS Level	28.57
FS @ Building Line	BL28.57
Top/Toe of Batter	TOP28.57 / TOE28.57
Top Ret. Wall Level	TW28.57
Fill Prop/Ex (0.2m–0.5m depth)	
Fill Prop/Ex (> 0.5m depth)	
Cut Prop/Ex (> 0.2m depth)	
Threshold Treatment	

AMENDMENTS		
B	22.01.21	DRIVEWAYS ALONG KAPS LANE & LOTS 2112 - 2114 AMENDED
A	18.10.19	CONSTRUCTION ISSUE
VER.	DATE	REMARKS

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

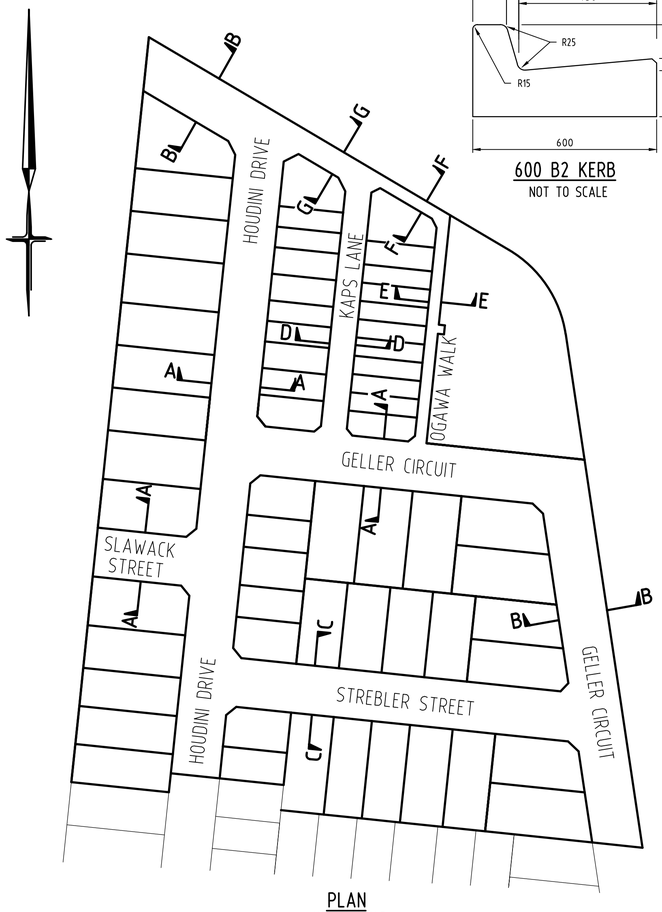
RIVERDALE VILLAGE STAGE 21
LAYOUT PLAN & DETAILS

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

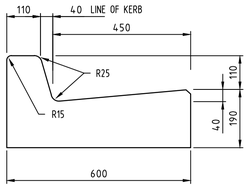
MUNICIPALITY: WYNDHAM

REFERENCE: 8554 - E/21

SHEET 01 OF 22 | B



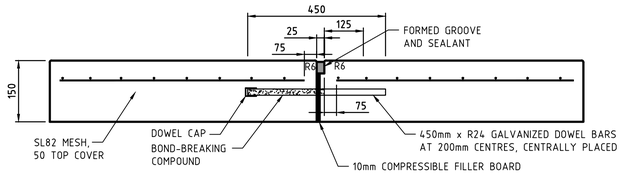
PLAN
NOT TO SCALE



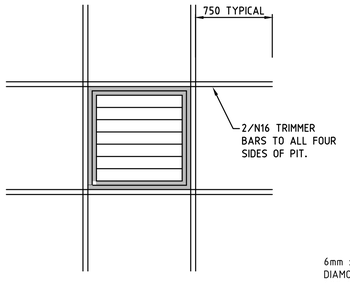
600 B2 KERB
NOT TO SCALE

JOINT DETAIL NOTES:

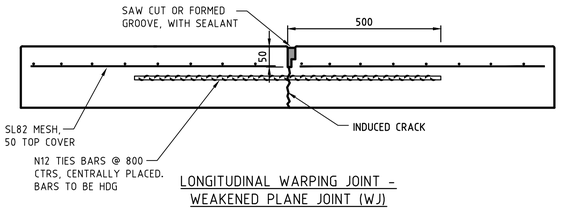
1. SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 6m SPACING AND CONSTRUCTED 18-24 HOURS AFTER POURING EXPANSION.
2. TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 12m.
3. ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997".
4. CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST 75% CONCRETE NOMINATED ULTIMATE STRENGTH.
5. CONCRETE TO BE CLASS N32.



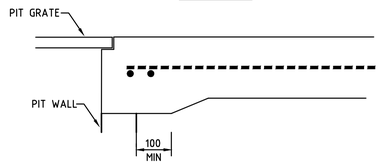
TRANSVERSE EXPANSION JOINT - DOWELLED BUTT JOINT AT CONSTRUCTION JOINT (EJ)



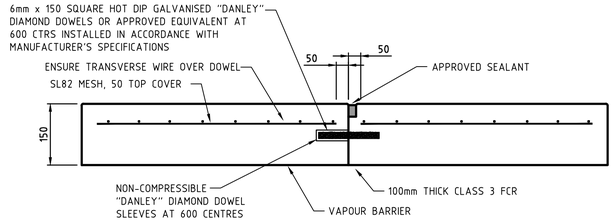
PIT DETAIL



LONGITUDINAL WARPING JOINT - WEAKENED PLANE JOINT (WJ)



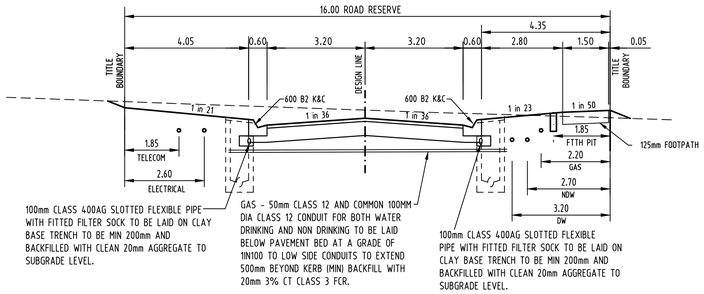
PIT SECTION



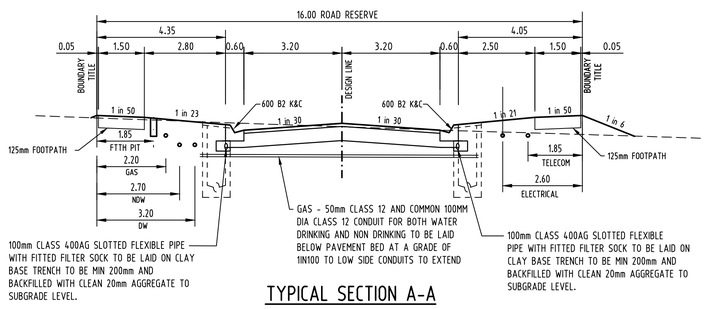
TRANSVERSE CONTRACTION JOINT - DOWELLED BUTT JOINT AT CONSTRUCTION JOINT (CJ)

CONCRETE JOINTING DETAILS

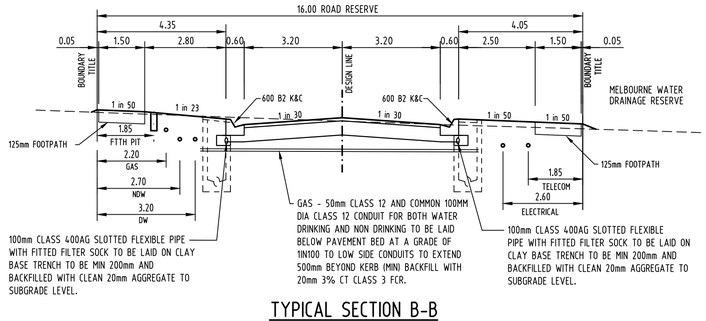
NOT TO SCALE



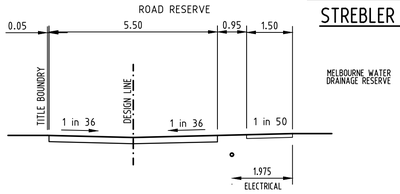
TYPICAL SECTION C-C
STREBLER STREET



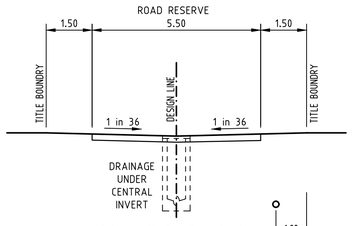
TYPICAL SECTION A-A
HOUDINI DRIVE, SALWACK STREET AND GELLER CIRCUIT (EAST)



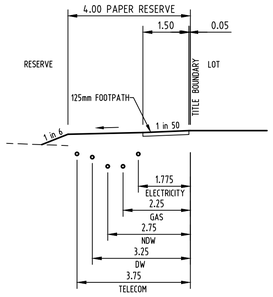
TYPICAL SECTION B-B
GELLER CIRCUIT AND HOUDINI DRIVE (EAST)



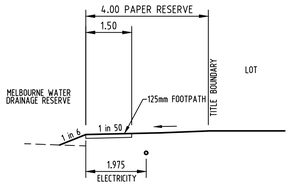
TYPICAL SECTION G-G
KAPS LANE
(EAST / WEST)



TYPICAL SECTION D-D
KAPS LANE
(NORTH / SOUTH)



TYPICAL SECTION E-E
OGAWA WALK
(NORTH / SOUTH)



TYPICAL SECTION F-F
OGAWA WALK
(EAST / WEST)

KAPS LANE
JOINT LOCATIONS & TYPES
NOT TO SCALE

AMENDMENTS			
B	22.01.21	JOINT PLAN AMENDED	
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	234 F1
SURVEY	BPD
DESIGN	JGB
DRAWN	IMW
CHECKED	CH

RIVERDALE VILLAGE STAGE 21
TYPICAL CROSS SECTIONS

SCALE AS SHOWN	DATUM AHD	DATE OCT '18	SHEET 02 OF 22 B

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

NOTES

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WYNDHAM CITY COUNCIL PLANS AND SPECIFICATIONS APPROVED BY COUNCIL AND TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

2. COUNCIL AND ALL SERVICE AUTHORITIES TO BE NOTIFIED 7 CLEAR DAYS PRIOR TO COMMENCEMENT OF WORKS.

3. DRAINAGE AND PITS TO BE SET OUT FROM OFFSETS SHOWN RATHER THAN FROM PIPE CHAINAGES.

4. PROPERTY INLETS ARE TO BE PLACED 1.0m FROM THE LOW CORNER OF LOT UNLESS OTHERWISE SHOWN.

5. ALL LOTS ARE TO BE PROVIDED WITH A 100mm. DIA. HOUSE DRAIN PLACED 5.5m FROM LOW CORNER OF LOT UNLESS SHOWN OTHERWISE. HOUSE DRAIN TO BE CONNECTED TO STORMWATER DRAINS IF PRESENT. COVER AT THE BUILDING LINE TO BE MINIMUM OF 600mm.

6. ALL PIPES UNDER ROAD PAVEMENTS TO BE RRJ RCP (REFER DRAINAGE LONGITUDINAL SECTIONS FOR RELEVANT PIPE CLASS). ALL OTHER PIPES TO BE RRJ RCP CLASS 2.

7. DRAINAGE PIPES LAID ON A CURVE MUST BE RRJ AND THE RADIUS OF CURVATURE COMPLY WITH THE MANUFACTURERS SPECIFICATIONS.
DRAINAGE PIPES LAID ON A CURVE SHALL HAVE THE BUILDING LINE PEGGED AT MINIMUM 15m INTERVALS.

8. ALL SEWER MAINS, CONDUITS & PIPES UNDER ROAD PAVEMENT, CONCRETE DRIVEWAYS, FOOTPATHS AND PARKING BAYS ARE TO BE BACKFILLED WITH 20mm CLASS 2 BASALTIC FCR COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. WHERE SEWER MAINS ARE ADJACENT TO STORMWATER PIPELINES THE BACKFILL OF THE DEEPER TRENCH SHALL BE IN ACCORDANCE WITH COUNCILS STANDARD DRAWING SD6-10 (1996)

9. DRAINAGE PIPES BEHIND BACK OF KERB TO BE BACKFILLED WITH 20mm. CLASS 3 BASALTIC ROCK COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

10. AGRICULTURAL PIPE DRAINS TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS. REFER TO VPA STANDARD DRAWING EDCM 202.

11. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LODGED WITH THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.

12. BATTERS SHALL BE IN 1 IN 6 FOR CUT AND FILL UNLESS OTHERWISE SHOWN.

13. PRIOR TO COMMENCEMENT OF WORKS,THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
    a) SOURCE OF QUARRY MATERIAL.
    b) OPTIMUM MOISTURE CONTENT AND MAXIMUM MODIFIED DRY DENSITY OF THE F.C.R. TO BE USED (FROM NATA APPROVED LABORATORY).
    c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF WORKS, NEW TEST RESULTS SHALL BE PROVIDED.

14. NO TOP SOIL SHALL BE REMOVED FROM LAND COVERED BY THE SUBDIVISION WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. THE TRUCK ROUTE FOR REMOVAL OF SPOIL FROM SITE IS TO BE SUBMITTED TO AND APPROVED BY THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK.

15. ON COMPLETION THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.

16. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING AND PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS ETC. NECESSARY TO KEEP THE WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORK AS PER AUSTRALIAN STANDARD AS1742.1.2.3 -1986.

17. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS. NO MATERIAL IS TO BE BURNT ON SITE.

18. ANY FOOTPATH OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

19. LOTS TO BE GRADED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. ALL LOTS TO BE 1 IN 150 MINIMUM SLOPE FRONT TO REAR OR REAR TO FRONT.

20. FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED USING APPROVED CLAY FILL, AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLANS. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS3798-2007, SECTION 8.2, LEVEL 1 ("GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS"). ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" TYPED REPORT, FROM A NATA REGISTERED SOIL TESTING LABORATORY, NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS "CONTROLLED FILL". IF ANY SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.

21. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION No. 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

22. WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES THESE SERVICES ARE TO BE LOCATED AND THE VARIOUS AUTHORITIES NOTIFIED PRIOR TO THE COMMENCEMENT OF WORKS.

23. THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETER MARKS THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.

24. TELSTRA/NBN Co TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE WORKS BEING PLACED.

25. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.

26. TRANSITION FROM STANDARD TO ROLLOVER KERB AND CHANNEL AT SIDE ENTRY PITS.

27. B2 AND B3 (MEDIAN) PROFILE KERB AND CHANNEL TO BE CONSTRUCTED IN ALL STREET UNLESS OTHERWISE SHOWN.

28. PSM's TO BE HIGH STABILITY TYPE. REFER TO COUNCIL STANDARD DRAWING SD11-10. MGA CO-ORDINATES AND AHD LEVEL TO BE SUPPLIED TO COUNCIL.

29. PROVIDE TIMBER BOLLARDS AT 1.5m CTS AS PER COUNCIL STANDARD DRAWING SD10-2 AT A 0.25m OFFSET FROM THE RESERVE TITLE BOUNDARY.

30. PAVEMENT SHOULDER TO CONSIST OF:
    a) 150mm DEPTH 14mm NOMINAL SIZE CLASS 3 F.C.R. COMPACTED TO 98% MODIFIED COMPACTION.

31. ALL PAVEMENTS TO BE COMPACTED TO 98% AUSTRALIAN DRY DENSITY. PAVEMENT DEPTH MAY NOT BE MODIFIED UNLESS APPROVED BY COUNCIL TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

32. OFF-STREET PARKING TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-6A

33. ALL 125mm THICK FOOTPATH CONCRETE PAVING TO BE REINFORCED WITH SL72 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No SD2-1.

34. CONCRETE BIN AREAS TO BE 125mm THICK CONCRETE PAVING TO BE REINFORCED WITH SL62 MESH AND MUST BE CONSTRUCTED WITH A 50mm UNDERLAYER OF 20mm COMPACTED CLASS 3 FCR IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No SD2-1.

35. THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS. ALL TBM's AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DEVELOPER'S CONSULTANT TO ARRANGE RE-INSTATEMENT AT THE CONTRACTORS EXPENSE.

36. ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS 1742-1,2,3 -1986. LINE MARKING SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENT WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710 & 722).

37. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE DEVELOPER'S CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL" AND MW SITE ENVIRONMENTAL MANAGEMENT POLICY 3.8.2. APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.

38. PRIOR TO START OF WORKS ON SITE, A PRE-COMMENCEMENT MEETING MUST BE HELD BETWEEN DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE, THE DEVELOPER'S CONSULTANT AND THE CONTRACTOR.

39. PRIOR TO COMMENCING WORKS ON SITE, THE CONTRACTOR MUST OBTAIN ROAD OPENING/WORKS PERMITS FROM COUNCIL FOR ANY WORKS WITHIN EXISTING ROAD RESERVES OR WORKS ON ANY EXISTING INFRASTRUCTURE.

40. STREET NAMES TO BE INSTALLED ON PUBLIC LIGHTING POLES AT INTERSECTIONS WHERE POSSIBLE. ALL SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-1.

41. LOCATION OF ALL UNDERGROUND SERVICE CONDUITS TO BE MARKED ON BOTH SIDES OF THE KERB AND CHANNEL WITH W FOR WATER, RW FOR RECYCLED WATER, G FOR GAS, T FOR TELECOMMUNICATIONS & E FOR ELECTRICITY (REFER COUNCIL STANDARD DRG SD11-8).

42. THE CONTRACTOR IS TO INSTALL BLUE RRPM'S ON THE ROAD CENTRLINE AND MARKER POSTS TO INDICATE THE LOCATION OF FIRE PLUGS OR HYDRANTS IN ACCORDANCE WITH WYNDHAM CITY COUNCIL'S STANDARD DRAWING SD11-11.

43. GAS AND WATER CONDUITS TO BE 50mm & 100mm DIAMETER RESPECTIVELY.

44. DEMOLITION WORKS TO INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF UNDERGROUND SERVICES, DRAINAGE & PITS, DISPOSAL OF MATERIAL FROM SITE, ALL TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE. EXCAVATIONS FROM TRENCHES OF REMOVED DRAINAGE AND SERVICES TO BE EXCAVATED TO A FIRM BASE,INSPECTED BY THE DEVELOPER'S CONSULTANT AND LEVELS TAKEN. APPROVED FILL MATERIAL SHALL BE PLACED AND

45. ALL SERVICE TRENCHES UNDER CONCRETE FOOTPATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK MATERIAL.
COMPACTED TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

46. CONTRACTOR TO INSTALL IRRIGATION CONDUITS REFER TO IRRIGATION INFRASTRUCTURE PLAN PREPARED BY MAKE IT WET PTY LTD FOR LOCATIONS AND SIZES.

47. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED TO LEVEL 1 AS SPECIFIED. DEVELOPER'S CONSULTANT TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE DIRECTOR ENGINEERING SERVICES OR HIS REPRESENTATIVE.

48. PROVIDE 1.8m HIGH PALING FENCE ALONG ANY COMMON BOUNDARY BETWEEN A LOT AND MUNICIPAL RESERVE. PALINGS TO BE ON THE RESERVE SIDE AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD11-5B.

49. PROVIDE TEMPORARY SAFETY BARRIER FENCE (FARM FENCE AS PER MW STD. DWG. 7251/4/203) ALONG EDGE OF OUTFALL DRAINS. SAFETY FENCE TO REMAIN UNTIL PERMANENT UNDERGROUND DRAINAGE IS INSTALLED.

PAVEMENT TO CONSIST OF: HOUDINI DRIVE (SOUTH OF GELLER CIRCUIT)
DEPTH (560mm)

a) 30mm SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER

b) 30mm SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER
10mm SAMI SEAL WITH CLASS S18F BINDER AND BITUMINOUS PRIME

c) 130mm SIZE 20mm CLASS 2 FCR, COMPACTED TO AT LEAST 100% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT

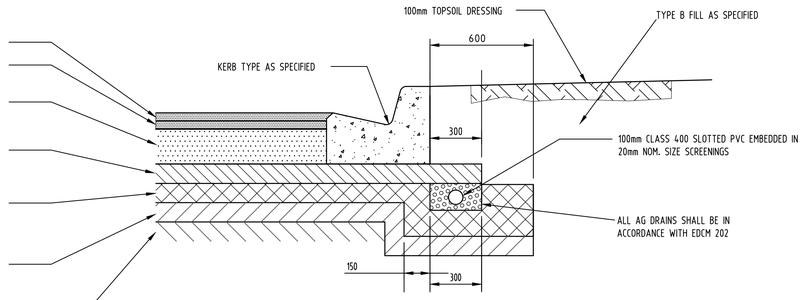
d) 100mm SIZE 20mm CLASS 3 FRC, COMPACTED TO AT LEAST 98% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT

e) 110mm SIZE 20mm CLASS 4 FCR, COMPACTED TO AT LEAST 98% CHARACTERISTIC MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT

f) 220mm, SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDADR DRY DENSITY RATIO WITHIN 1% OF THE STANDRAD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF LESS THAN 1.5%

TOTAL PAVEMENT DEPTH 630mm

g) NATURAL SILTY CLAY TESTED TO CONFIRM AN INSITU CBR OF AT LEAST 2.0% OR APPROVED FILL COMPACTED TO AT LEAST 98% DRY DENSITY RATIO (SOAKED CBR ≥(2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT



PAVEMENT DETAILS
HOUDINI DRIVE
NOT TO SCALE

PAVEMENT TO CONSIST OF: HOUDINI DRIVE (NORTH OF GELLER CIRCUIT) & SALWACK STREET
DEPTH (510mm)

a) 30mm SIZE 10mm TYPE L ASPHALT WITH A C170 BINDER

b) 30mm SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER
10mm SAMI SEAL WITH CLASS S18F BINDER AND BITUMINOUS PRIME

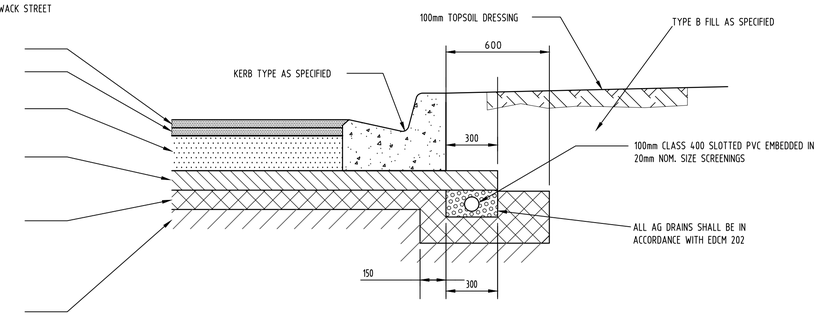
c) 130mm SIZE 20mm CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT

d) 160mm SIZE 20mm CLASS 3 FRC, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY RATIO AND WITHING 1% OF THE MODDIFIED OPTIMUM MOISTURE CONTENT

e) 210 mm, SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF LESS THEN 1.5%

TOTAL PAVEMENT DEPTH 570mm

g) NATURAL SILTY CLAY TESTED TO CONFIRM AN INSITU CBR OF AT LEAST 2.0% OR APPROVED FILL COMPACTED TO AT LEAST 98% DRY DENSITY RATIO (SOAKED CBR ≥(2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT



PAVEMENT DETAILS
SALWACK STREET
NOT TO SCALE

PAVEMENT TO CONSIST OF: GELLER CIRCUIT & STREBLER STREET
DEPTH (470mm)

a) 20mm SIZE 7mm TYPE L ASPHALT WITH A C170 BINDER

b) 30mm SIZE 10mm TYPE N ASPHALT WITH A C170 BINDER
10mm SAMI SEAL WITH CLASS S18F BINDER AND BITUMINOUS PRIME

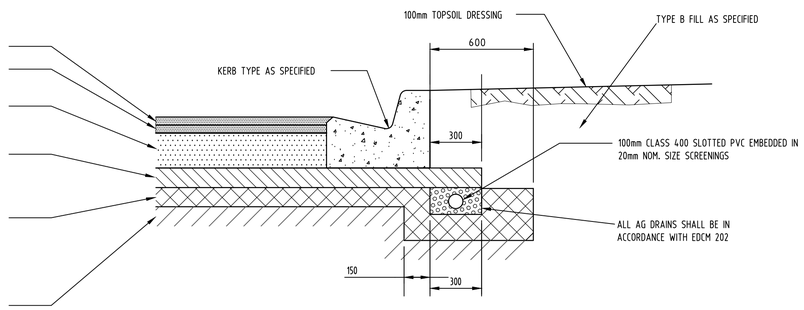
c) 140mm SIZE 20mm CLASS 2 FCR, COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO WITHIN 1% OF THE MODIFIED OPTIMUM MOISTURE CONTENT

d) 120mm SIZE 20mm CLASS 3 FRC, COMPACTED TO AT LEAST 95% MODIFIED DRY DENSITY RATIO WITH A MEAN VALUE OF AT LEAST 98% MODIFIED DRY DENSITY RATIO AND WITHING 1% OF THE MODDIFIED OPTIMUM MOISTURE CONTENT

e) 200 mm, SELECT GRANULAR MATERIAL WITH A MINIMUM SOAKED CBR OF 10% COMPACTED TO 98% STANDARD DRY DENSITY RATIO WITHIN 1% OF THE STANDARD OPTIMUM MOISTURE CONTENT AND A PERCENTAGE SWELL OF LESS THEN 1.5%

TOTAL PAVEMENT DEPTH 520mm

g) NATURAL SILTY CLAY TESTED TO CONFIRM AN INSITU CBR OF AT LEAST 2.0% OR APPROVED FILL COMPACTED TO AT LEAST 98% DRY DENSITY RATIO (SOAKED CBR ≥(2.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT



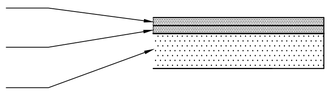
PAVEMENT DETAILS
GELLER CIRCUIT & STREBLER STREET
NOT TO SCALE

PAVEMENT TO CONSIST OF: OGAWA WALK
DEPTH (400mm)

a) 200mm EXPOSED CONCRETE WITH SL82 MESH REINFORCEMENT (REFER TO WYNDAM CITY COUNCIL STANDARD DRAWING SD02)

b) 50mm SIZE 2 CLASS 3 FINE CRUSHED ROCK COMPACTED TO A MINIMUM DENSITY OF 98% (MODIFIED) AS 1289,5.1.1

c) 150mm SUBGRADE CLAY AS FOUND (C.B.R = 3%)
(IF REQUIRED, SUBGRADE IMPROVEMENT WORKS TO BE UNDERTAKEN TO COUNCIL'S SATISFACTION)



PAVEMENT DETAILS
KAPS LANE
NOT TO SCALE

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

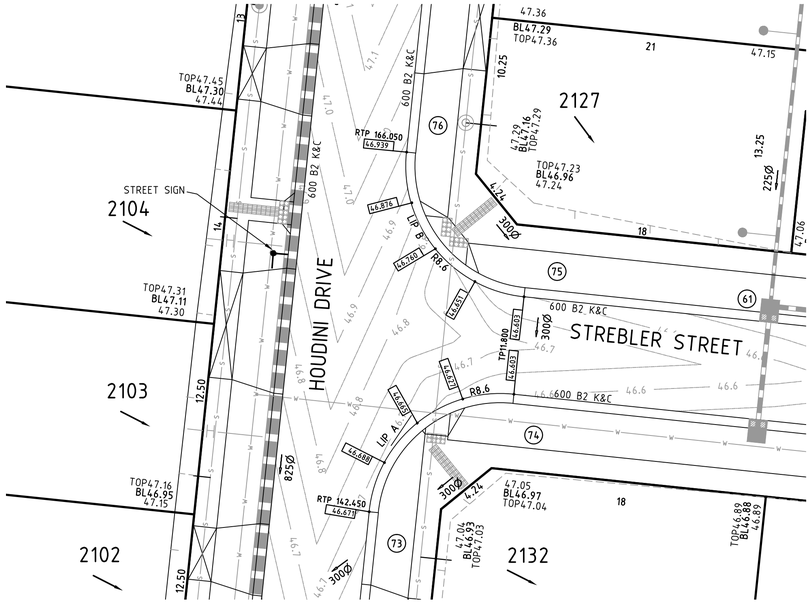
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	234 F1
SURVEY	BPD
DESIGN	JGB
DRAWN	IMW
CHECKED	CH

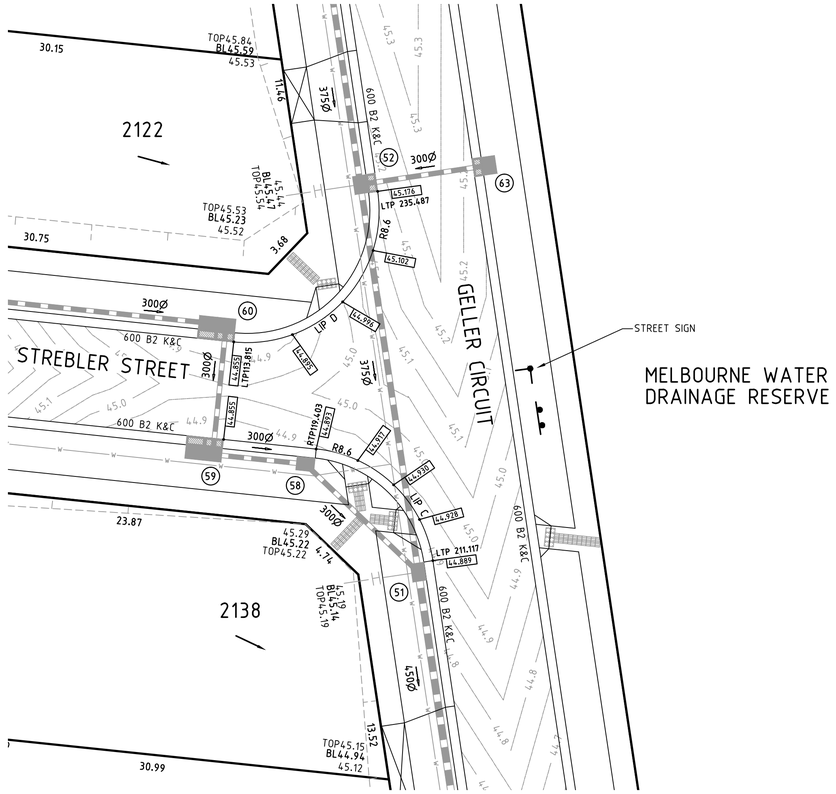
RIVERDALE VILLAGE
STAGE 21
PAVEMENT DETAILS & NOTES

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

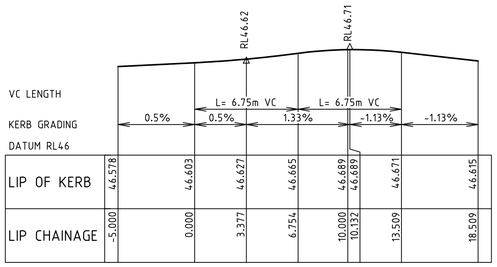
SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 03 OF 22 | A



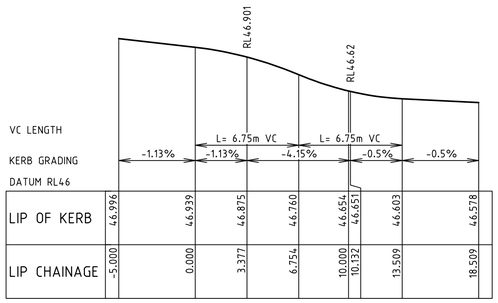
INTERSECTION DETAILS
SCALE 1:200



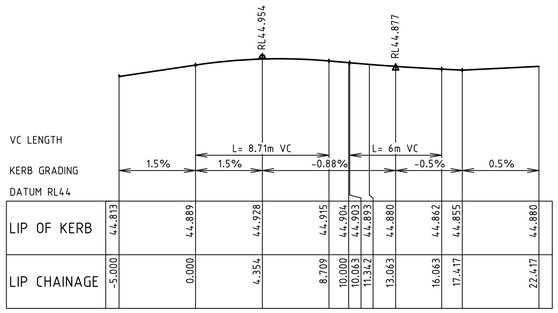
INTERSECTION DETAILS
SCALE 1:200



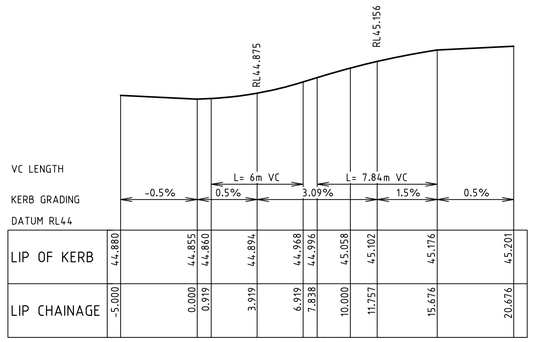
LIP LINE A



LIP LINE B



LIP LINE C



LIP LINE D

ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB

1:20 VER 0.4 0.2 00 0.4 0.8 0.16
1:200 HOR 4 2 00 4 8 16

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

AMENDMENTS		
A	18.10.19	CONSTRUCTION ISSUE
VER.	DATE	REMARKS

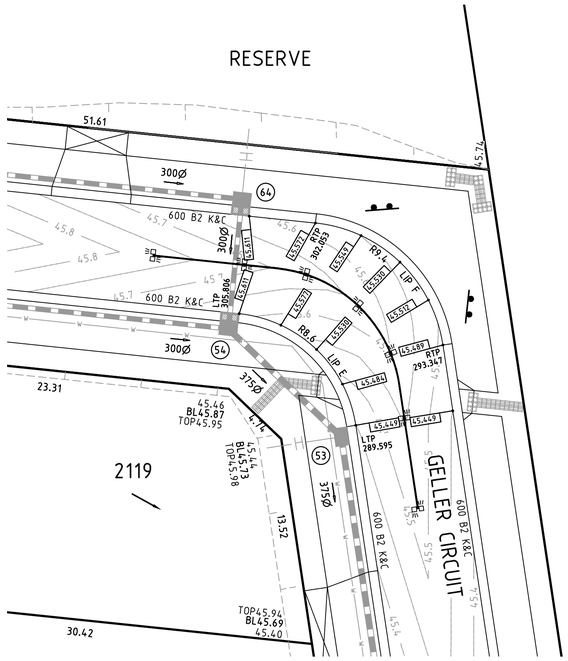
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

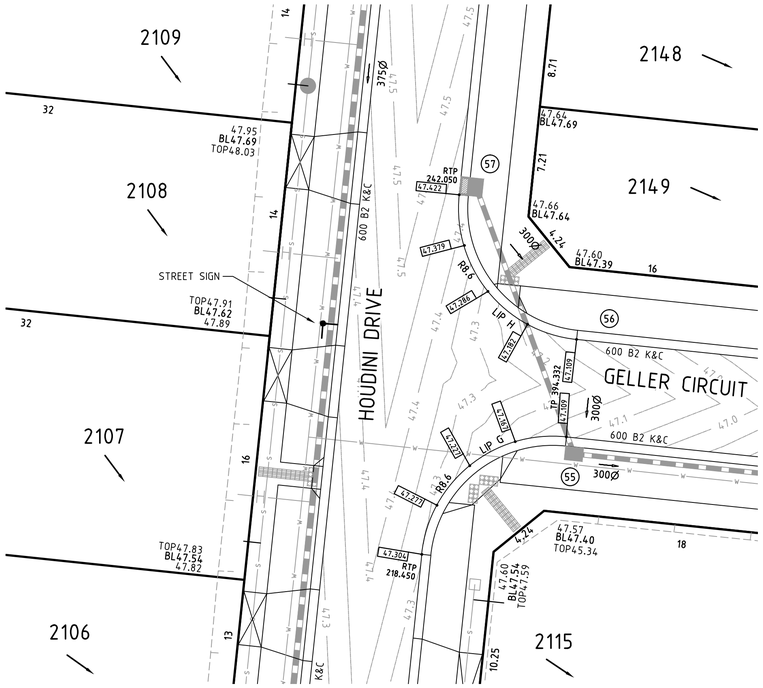
RIVERDALE VILLAGE
STAGE 21
INTERSECTION DETAILS

MUNICIPALITY WYNDHAM
REFERENCE 8554 - E/21

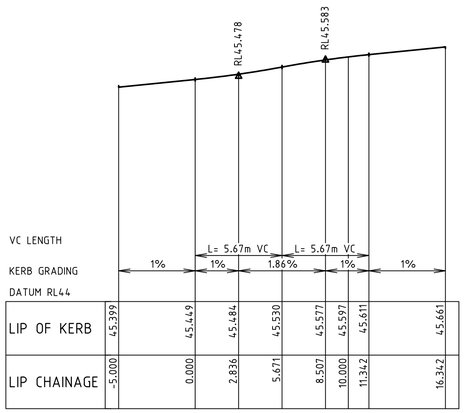
SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 04 OF 22 | A



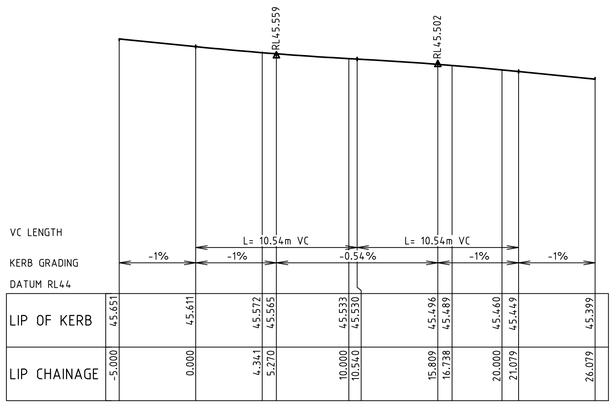
INTERSECTION DETAILS
SCALE 1:200



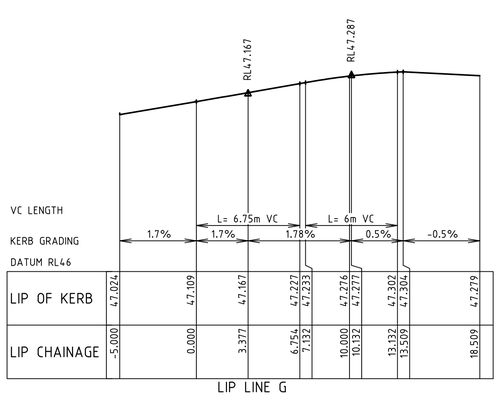
INTERSECTION DETAILS
SCALE 1:200



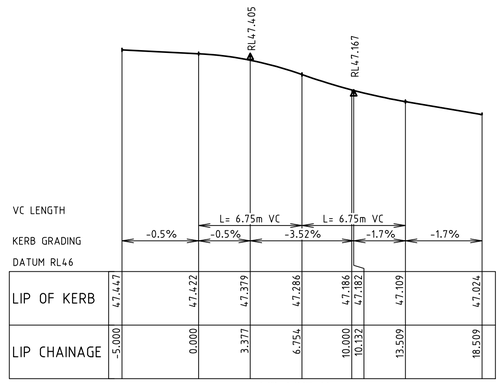
LIP LINE E



LIP LINE F



LIP LINE G



LIP LINE H

ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB

1:20 VER 0.4 0.2 00 0.4 0.8 0.16
1:200 HOR 4 2 00 4 8 16

WARNING
BEWARE OF UNDERGROUND SERVICES
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AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

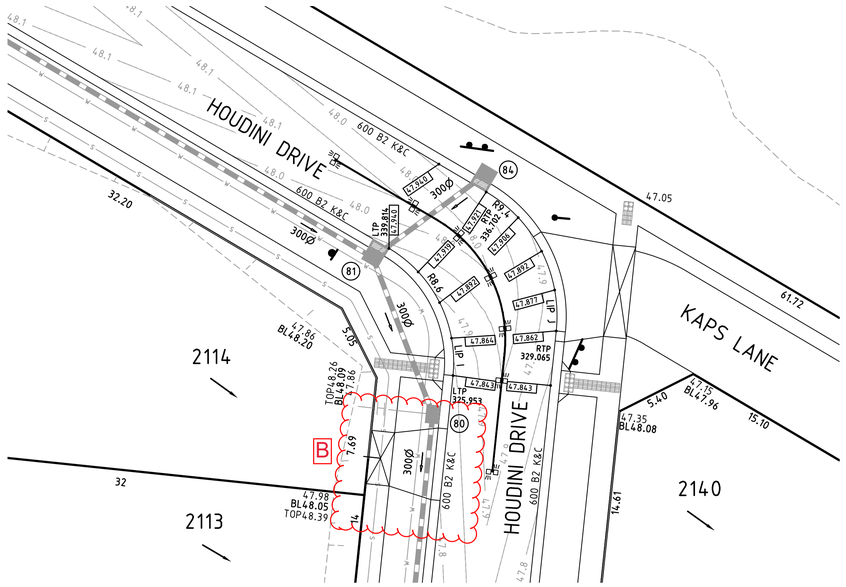
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

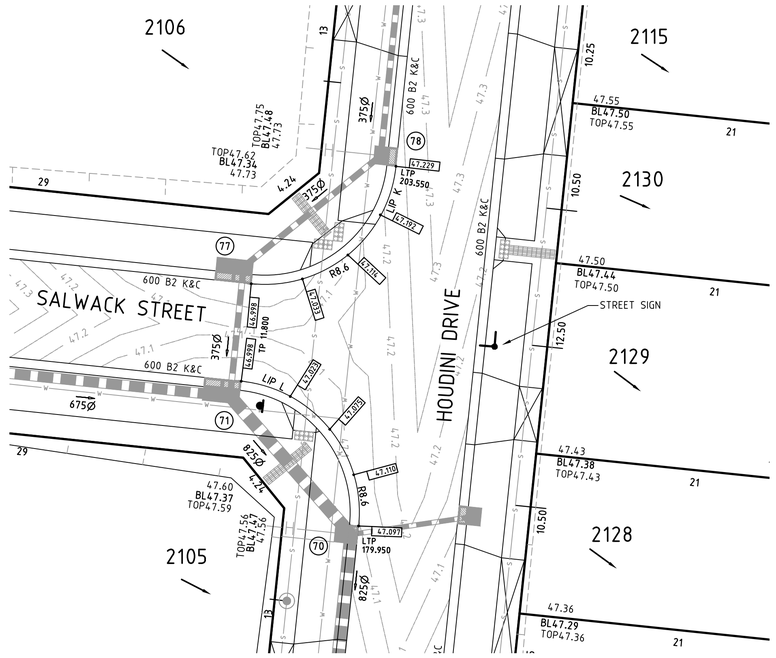
RIVERDALE VILLAGE STAGE 21
INTERSECTION DETAILS

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

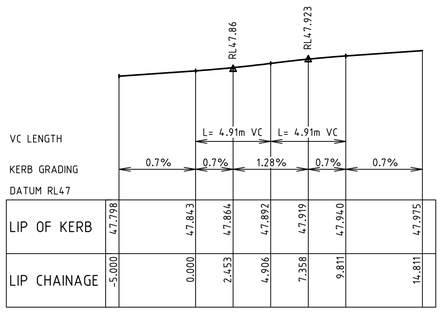
MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21
SHEET 05 OF 22 | A



INTERSECTION DETAILS
SCALE 1:200

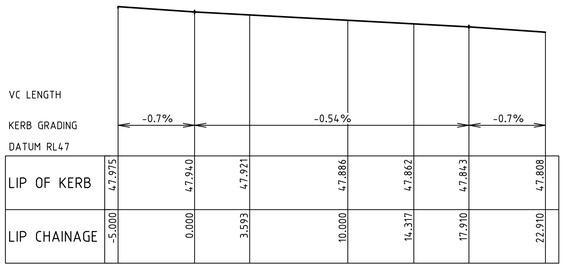


INTERSECTION DETAILS
SCALE 1:200



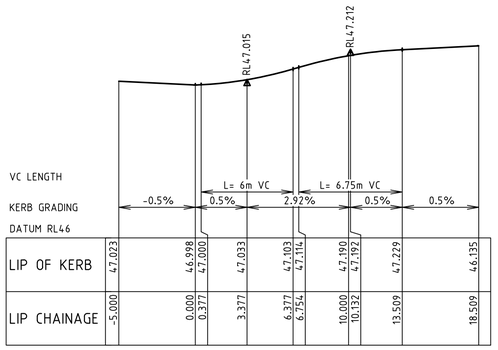
LIP OF KERB	47.798	47.843	47.864	47.892	47.919	47.940	47.975
LIP CHAINAGE	-5.000	0.000	2.453	4.906	7.358	9.811	14.811

LIP LINE I



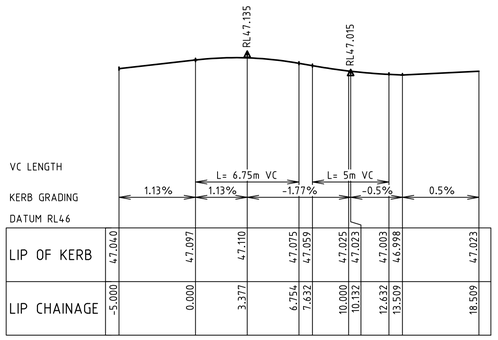
LIP OF KERB	47.975	47.940	47.921	47.886	47.862	47.843	47.808
LIP CHAINAGE	-5.000	0.000	3.593	10.000	14.317	17.910	22.910

LIP LINE J



LIP OF KERB	47.023	46.998	47.000	47.033	47.103	47.114	47.190	47.192	47.229	46.135
LIP CHAINAGE	-5.000	0.000	0.377	3.377	6.377	6.754	10.000	10.132	13.509	18.509

LIP LINE K



LIP OF KERB	47.040	47.097	47.110	47.075	47.059	47.025	47.023	47.003	46.998	47.023
LIP CHAINAGE	-5.000	0.000	3.377	6.754	7.632	10.000	10.132	12.632	13.509	18.509

LIP LINE L

ALL SETOUT DETAILS
ARE PROVIDED
AT LIP OF KERB

1:20 VER 0.4 0.2 00 0.4 0.8 0.16
1:200 HOR 4 2 00 4 8 16

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

AMENDMENTS

VER.	DATE	REMARKS
B	22.01.21	DRIVEWAY OF LOT 2114 AMENDED
A	18.10.19	CONSTRUCTION ISSUE

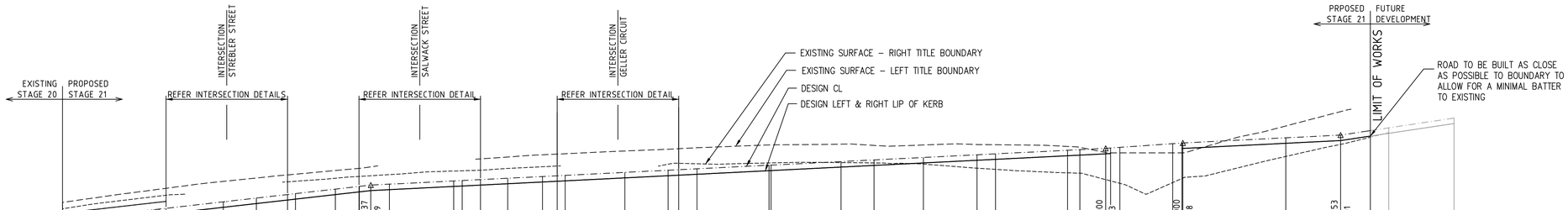
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
INTERSECTION DETAILS

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 06 OF 22 | B

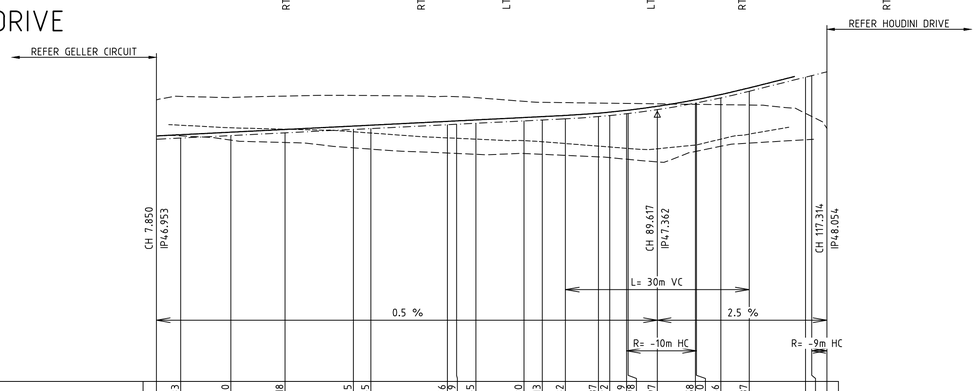


DATUM RL44

CHAINAGE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY	DESIGN CL
122.350	46.916	46.696	46.443	46.550	46.443	46.684	46.814	
128.600	46.991	46.779	46.514	46.621	46.514	46.755	46.867	
132.850	47.042	46.836	46.563	46.669	46.563	46.804	46.918	
140.000	47.135	46.931	46.644	46.750	46.644	46.885	47.003	
141.100	47.149	46.946	46.656	46.763	46.656	46.897	47.016	
142.450	47.167	46.963	46.671	46.778	46.671		47.033	
153.600	47.302	47.112	46.798	46.904	46.798			
160.000	47.367	47.197	46.870	46.977	46.870			
166.050	47.427	47.277	46.939	47.046	46.939		47.293	
167.600	47.441	47.298	46.957	47.063	46.957		47.304	
175.350	47.512	47.400	47.044	47.151	47.044	47.285	47.362	
179.950	47.554		47.097	47.203	47.097	47.338	47.397	
180.000	47.555		47.097	47.204	47.097	47.338	47.398	
182.237	47.583		47.123	47.229	47.123	47.364	47.411	
185.850			47.141	47.247	47.141	47.382	47.433	
198.350			47.203	47.310	47.203	47.444	47.502	
200.000			47.211	47.318	47.211	47.452	47.507	
203.550	47.738	47.482	47.229	47.336	47.229	47.470	47.518	
208.850	47.774	47.509	47.256	47.362	47.256	47.497	47.553	
215.600	47.818	47.542	47.289	47.396	47.289	47.530	47.586	
218.450	47.831	47.557	47.304	47.410	47.304		47.599	
220.000	47.838	47.564	47.311	47.418	47.311			
231.600	47.892	47.622	47.369	47.476	47.369			
240.000	47.926	47.664	47.411	47.518	47.411	47.663	47.635	
242.050	47.937	47.675	47.422	47.528	47.422	47.653	47.653	
245.600	47.955	47.692	47.439	47.546	47.439	47.680	47.644	
259.600	48.010	47.762	47.509	47.616	47.509	47.750	47.659	
260.000	48.011	47.764	47.511	47.618	47.511	47.752	47.660	
273.600	48.025	47.832	47.579	47.686	47.579	47.820	47.666	
280.000	48.000	47.864	47.611	47.718	47.611	47.852	47.660	
289.600	48.008	47.912	47.659	47.766	47.659	47.900	47.637	
300.000	48.017	47.964	47.711	47.818	47.711	47.952	47.558	
303.600	48.013	47.982	47.729	47.836	47.729	47.970	47.535	
317.600	47.980	48.052	47.799	47.906	47.799	48.040	47.467	
320.000	47.963	48.064	47.811	47.918	47.811	48.052	47.461	
325.000	47.862	48.089	47.836	47.943	47.836	48.077	47.349	
325.953	47.856	48.096	47.843	47.950	47.843	48.084	47.326	
327.750	47.856			47.962			47.284	
338.017	47.856	48.193	47.940	48.034	47.940	48.127	47.322	
338.914	47.856	48.194	47.941	48.047	47.941	48.128	47.367	
340.000	47.856	48.194	47.941	48.048	47.941	48.128	47.372	
360.000	48.378	48.294	48.041	48.148	48.041	48.070	47.786	
370.653	48.657	48.348	48.095	48.201	48.095	48.124	48.020	
376.413		48.488	48.235	48.341	48.235	48.264	48.248	
380.000								
392.675				48.426	48.426			

RTP RTP LTP LTP RTP RTP LTP LTP

HOUDINI DRIVE



DATUM RL43

CHAINAGE	ES LEFT TITLE BDY	FS LEFT TITLE BDY	LEFT LIP OF KERB	DESIGN CL	RIGHT LIP OF KERB	FS RIGHT TITLE BDY	ES RIGHT TITLE BDY
7.850				46.953			
11.800	47.183	47.058	47.028	46.973	47.028	47.058	47.009
20.000	47.140	47.099	47.069	47.014	47.069	47.099	46.940
28.850	47.118	47.143	47.113	47.058	47.113	47.143	46.901
40.000	47.075	47.199	47.169	47.114	47.169	47.199	46.813
42.850	47.055	47.213	47.183	47.128	47.183	47.213	46.792
55.350	46.976	47.276	47.246	47.191	47.246	47.276	46.729
56.850	46.969	47.283	47.253	47.198	47.253	47.283	46.722
60.000	46.955	47.299	47.269	47.214	47.269	47.299	46.708
67.850	46.930	47.338	47.308	47.253	47.308	47.338	46.721
70.850	46.913	47.353	47.323	47.268	47.323	47.353	46.707
74.617	46.882	47.372	47.342	47.287	47.342	47.372	46.691
80.000	46.837	47.409	47.379	47.324	47.379	47.409	46.667
81.850	46.822	47.427	47.397	47.341	47.397	47.427	46.655
84.595	46.799	47.455	47.425	47.370	47.425	47.455	46.632
84.850	46.798	47.458	47.428	47.373	47.428	47.457	46.629
89.617	46.797	47.515	47.492	47.437	47.492	47.497	46.586
95.850	46.858	47.600	47.598	47.543	47.598	47.551	46.764
96.004	46.860	47.602	47.601	47.546	47.601	47.552	46.768
100.000	46.956	47.685	47.684	47.629	47.684	47.635	46.842
104.617	47.037	47.793	47.792	47.737	47.792	47.743	46.890
113.815				47.947			46.944
114.835				47.997			46.995
117.314				48.054			47.168

TP TP TP

KAPS LANE

1:500 10 5 00 10 20 40

AMENDMENTS

VER.	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

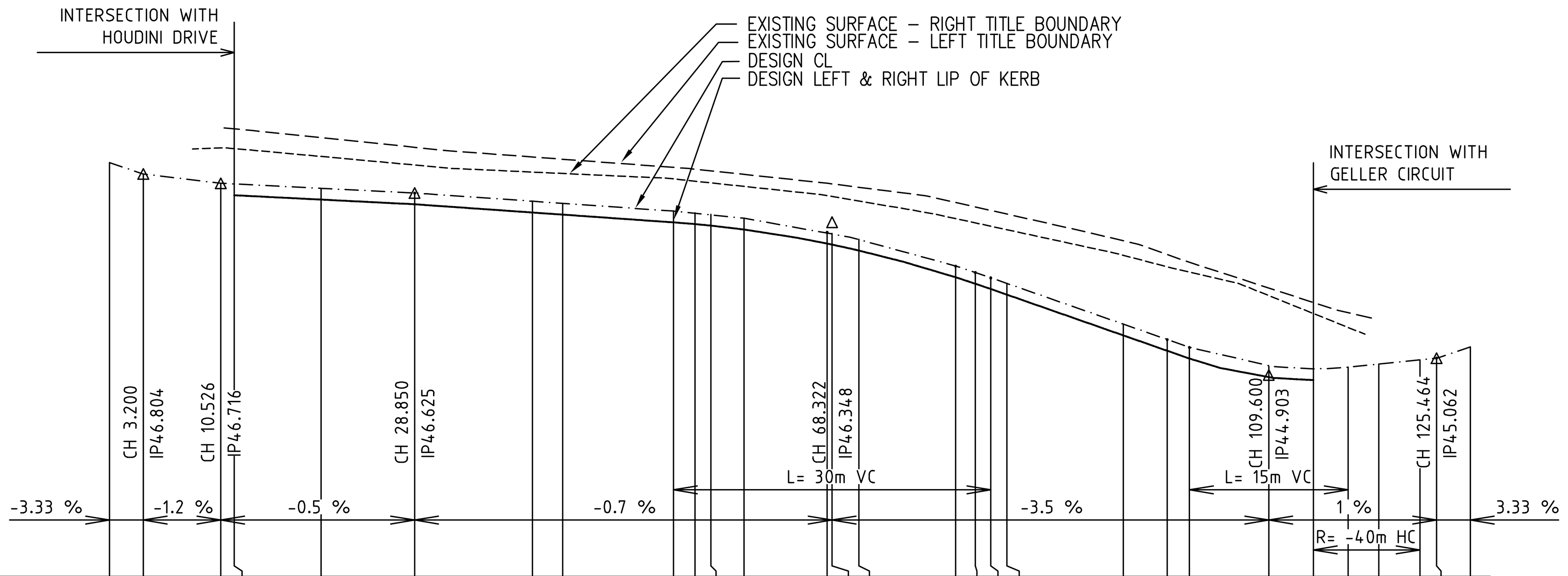
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD LONGSECTIONS

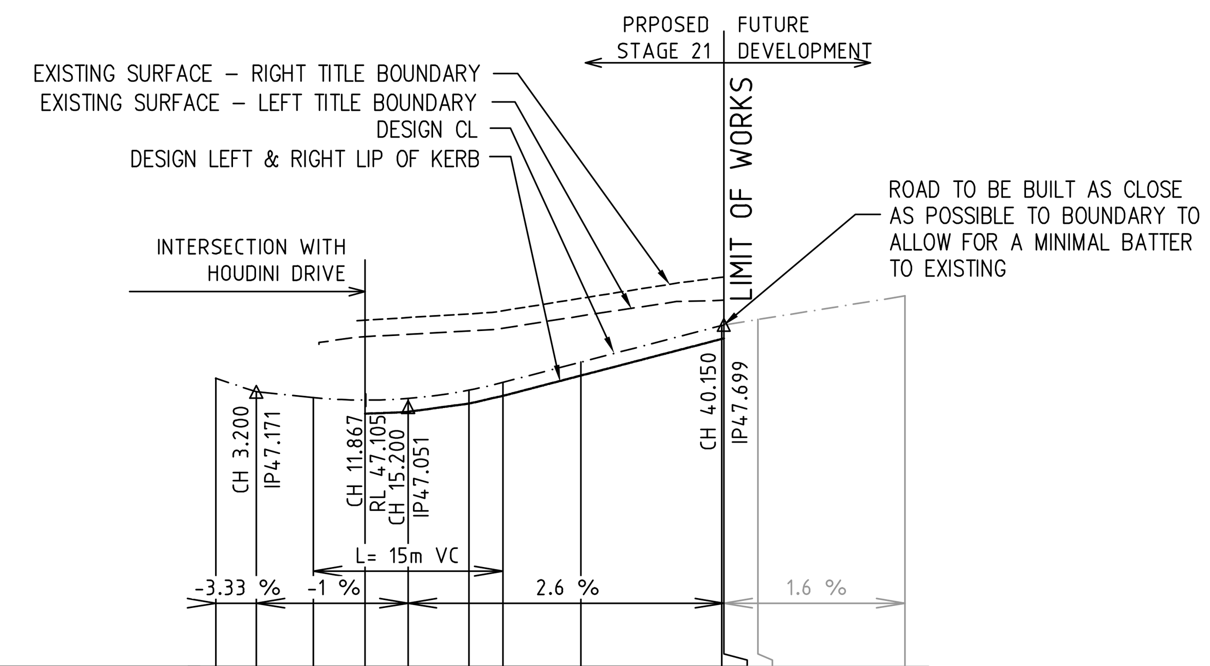
MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 07 OF 22 | A



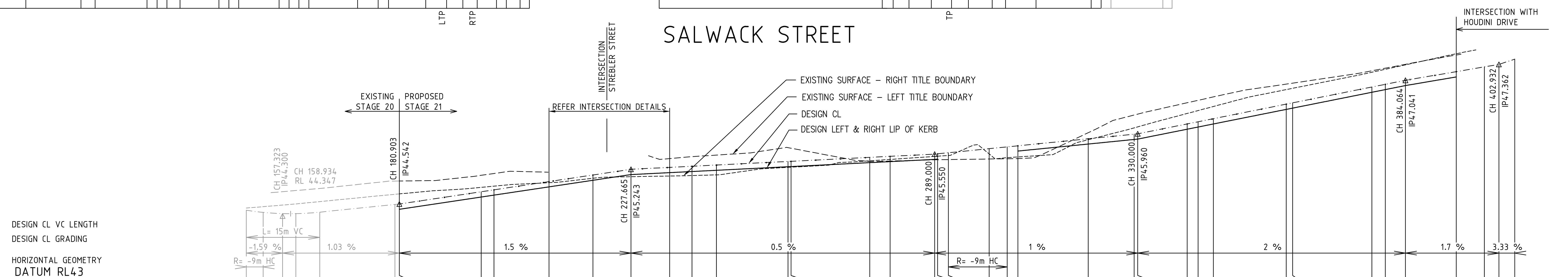
ES LEFT TITLE BDY				47.231	47.148	47.056	46.965	46.944	46.866	46.850	46.834	46.800	46.717	46.711	46.679	46.534	46.493	46.459	46.425	46.173	46.043	45.969	45.718	45.577	45.491				
FS LEFT TITLE BDY				46.944	46.903	46.859	46.781	46.761	46.688	46.672	46.657	46.620	46.487	46.477	46.422	46.169	46.108	46.058	46.004	45.619	45.474	45.400	45.225	45.196					
LEFT LIP OF KERB				46.603	46.562	46.518	46.440	46.420	46.347	46.331	46.316	46.279	46.146	46.136	46.081	45.828	45.767	45.717	45.663	45.278	45.133	45.059	44.884	44.855					
DESIGN CL	46.911	46.804	46.716	46.710	46.669	46.625	46.546	46.527	46.453	46.437	46.423	46.386	46.253	46.243	46.187	45.934	45.874	45.823	45.770	45.385	45.239	45.166	44.988	44.962	44.978	45.007	45.046	45.062	45.169
RIGHT LIP OF KERB				46.603	46.562	46.518	46.440	46.420	46.347	46.331	46.316	46.279	46.146	46.136	46.081	45.828	45.767	45.717	45.663	45.278	45.133	45.059	44.884	44.855					
FS RIGHT TITLE BDY				46.968	46.927	46.883	46.805	46.785	46.712	46.696	46.681	46.644	46.511	46.501	46.446	46.193	46.132	46.082	46.028	45.643	45.498	45.424	45.249	45.220					
ES RIGHT TITLE BDY			47.051	47.044	46.970	46.889	46.822	46.809	46.758	46.736	46.720	46.687	46.599	46.591	46.548	46.382	46.342	46.310	46.277	46.035	45.927	45.877	45.664	45.508	45.361				
CHAINAGE	0.000	3.200	10.526	11.800	20.000	28.850	40.000	42.850	53.322	55.350	56.850	60.000	67.850	68.322	70.850	80.000	81.850	83.322	84.850	95.850	100.000	102.100	109.600	113.815	117.100	120.000	123.894	125.464	128.663
				TP																				LTP		RTP			

STREBLER STREET



ES LEFT TITLE BDY				47.606	47.625	47.652	47.673	47.770	47.894	47.895		
FS LEFT TITLE BDY				47.363	47.368	47.418	47.472	47.613	47.870	47.846		
LEFT LIP OF KERB				46.998	47.013	47.078	47.139	47.299	47.589	47.593		
DESIGN CL	47.277	47.171	47.126	47.105	47.118	47.184	47.246	47.406	47.695	47.699	47.743	47.928
RIGHT LIP OF KERB				46.998	47.013	47.078	47.139	47.299	47.589	47.593		
FS RIGHT TITLE BDY				47.339	47.342	47.390	47.442	47.580	47.830	47.834		
ES RIGHT TITLE BDY				47.737	47.758	47.787	47.811	47.909	48.076	48.077		
CHAINAGE	0.000	3.200	7.700	11.800	15.200	20.000	22.700	28.850	40.000	40.150	42.850	54.464
				TP								

SALWACK STREET



ES LEFT TITLE BDY			44.791	44.814	44.855	45.005	45.006	45.122	45.158				45.460	45.499	45.530	45.680
FS LEFT TITLE BDY							44.688	44.936	44.975	45.142			45.541	45.563	45.588	45.650
LEFT LIP OF KERB							44.435	44.683	44.722	44.889	45.022	45.137	45.176	45.198	45.223	45.295
DESIGN CL	44.416	44.373	44.349	44.348	44.377	44.533	44.542	44.790	44.828	44.995	45.128	45.243	45.282	45.305	45.330	45.402
RIGHT LIP OF KERB							44.435	44.683	44.722	44.889	45.022	45.137	45.176	45.198	45.223	45.295
FS RIGHT TITLE BDY							44.676	44.714	44.753	44.920	45.053	45.168	45.207	45.229	45.254	45.326
ES RIGHT TITLE BDY	44.465	44.502	44.523	44.543	44.591	44.738	44.747	44.878	44.902	44.973	45.062	45.094	45.108	45.117	45.131	45.282
CHAINAGE	150.000	153.397	157.323	160.000	164.823	180.000	180.903	197.425	200.000	211.117	220.000	227.665	235.487	240.000	244.925	259.381
										LTP			LTP			

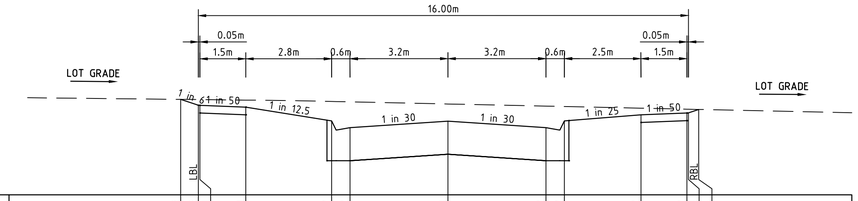
ES LEFT TITLE BDY	45.668	45.399	45.410	45.435	45.437	45.451	45.447	45.445	45.458	45.982	46.340	46.358	46.587	46.636	46.706	46.964
FS LEFT TITLE BDY	45.651	45.692	45.703	45.726	45.730				45.864	46.006	46.099	46.106	46.306	46.350	46.412	46.706
LEFT LIP OF KERB	45.298	45.378	45.398	45.443	45.449				45.611	45.753	45.846	45.853	46.053	46.097	46.159	46.453
DESIGN CL	45.405	45.485	45.505	45.550	45.556	45.578	45.660	45.696	45.718	45.860	45.953	45.960	46.160	46.204	46.266	46.560
RIGHT LIP OF KERB	45.298	45.378	45.398	45.443	45.449				45.611	45.753	45.846	45.853	46.053	46.097	46.159	46.453
FS RIGHT TITLE BDY	45.329	45.409	45.429	45.474	45.480				45.852	45.994	46.087	46.094	46.294	46.338	46.400	46.694
ES RIGHT TITLE BDY	45.286	45.414	45.442	45.502	45.506	45.520	45.542	45.479	45.493	45.841	46.080	46.100	46.372	46.430	46.512	46.854
CHAINAGE	260.000	275.903	280.000	289.000	289.595	291.766	300.000	303.635	305.806	320.000	329.282	330.000	340.000	342.182	345.282	360.000
					LTP				LTP							

ES LEFT TITLE BDY	46.983	47.233	47.286	47.364	47.552			
FS LEFT TITLE BDY	46.732	47.052	47.106	47.188				
LEFT LIP OF KERB	46.479	46.799	46.853	46.935				
DESIGN CL	46.586	46.906	46.960	47.041	47.216	47.312	47.362	47.469
RIGHT LIP OF KERB	46.479	46.799	46.853	46.935				
FS RIGHT TITLE BDY	46.720	47.040	47.094	47.176				
ES RIGHT TITLE BDY	46.879	47.204	47.264	47.353	47.578			
CHAINAGE	361.282	377.282	380.000	384.064	394.332	400.000	402.932	406.132
					TP			

GELLER CIRCUIT

1:500 10 5 0 0 10 20 40

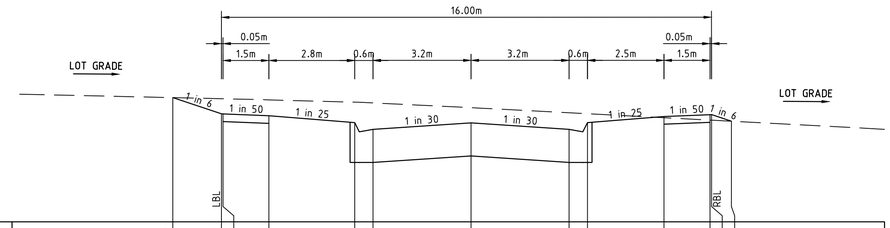
AMENDMENTS				breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 cato street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310
				MELWAY REF. 234 F1	RIVERDALE VILLAGE STAGE 21 ROAD LONGSECTIONS	MUNICIPALITY WYNDHAM
				SURVEY BPD		
				DESIGN JGB		REFERENCE 8554 - E/21
A	18.10.19	CONSTRUCTION ISSUE		DRAWN IMW		
VER.	DATE	REMARKS		CHECKED CH	SCALE AS SHOWN / DATUM AHD / DATE OCT '18	SHEET 08 OF 22 / A



DATUM46.0

DESIGN SURFACE	47.558	47.462	47.461	47.431	47.207	47.097	47.203	47.097	47.207	47.307	47.337	47.338	47.394
EXISTING SURFACE	47.558	47.554	47.554	47.546	47.524	47.517	47.483	47.448	47.441	47.414	47.398	47.397	47.394
OFFSET	-8.726	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.187

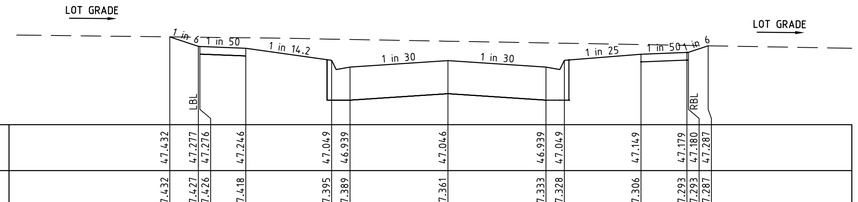
HOUDINI DRIVE LTP CH 179.950



DATUM46.0

DESIGN SURFACE	48.027	47.762	47.761	47.731	47.619	47.509	47.616	47.509	47.619	47.719	47.749	47.750	47.642
EXISTING SURFACE	48.027	48.010	48.009	47.990	47.954	47.941	47.863	47.780	47.765	47.700	47.660	47.659	47.642
OFFSET	-9.740	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.499

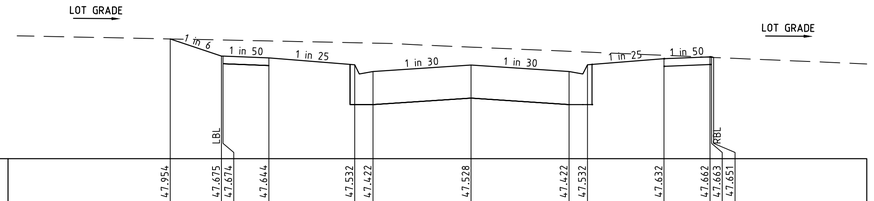
HOUDINI DRIVE CH 259.600



DATUM46.0

DESIGN SURFACE	47.432	47.277	47.276	47.246	47.049	46.939	47.046	46.939	47.049	47.169	47.179	47.180	47.287
EXISTING SURFACE	47.432	47.427	47.426	47.418	47.395	47.389	47.361	47.333	47.328	47.306	47.293	47.293	47.287
OFFSET	-9.082	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.494

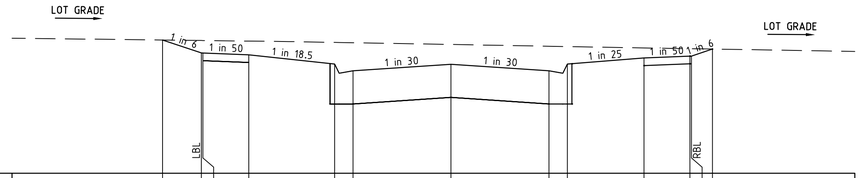
HOUDINI DRIVE RTP CH 166.050



DATUM46.0

DESIGN SURFACE	47.954	47.675	47.674	47.644	47.532	47.422	47.528	47.422	47.532	47.632	47.662	47.663	47.651
EXISTING SURFACE	47.954	47.937	47.936	47.921	47.892	47.886	47.820	47.752	47.739	47.686	47.654	47.653	47.651
OFFSET	-9.824	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	7.918

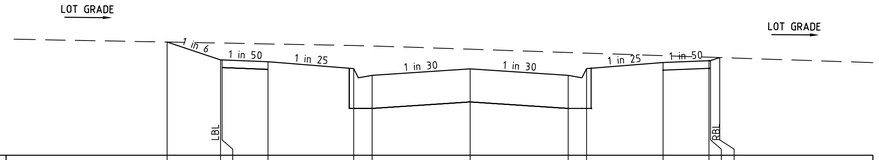
HOUDINI DRIVE RTP CH 242.050



DATUM45.0

DESIGN SURFACE	47.174	46.983	46.982	46.932	46.781	46.671	46.778	46.671	46.781	46.881	46.911	46.912	47.027
EXISTING SURFACE	47.174	47.167	47.166	47.157	47.136	47.130	47.102	47.073	47.068	47.045	47.033	47.033	47.027
OFFSET	-9.415	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.537

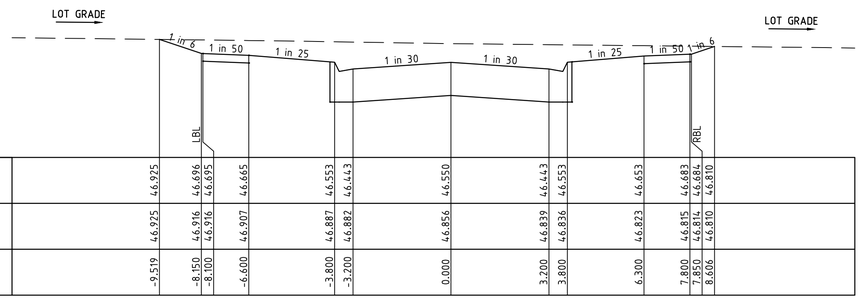
HOUDINI DRIVE RTP CH 142.450



DATUM46.0

DESIGN SURFACE	47.847	47.557	47.556	47.526	47.414	47.304	47.410	47.304	47.414	47.514	47.544	47.545	47.594
EXISTING SURFACE	47.847	47.831	47.831	47.817	47.791	47.784	47.730	47.677	47.667	47.625	47.600	47.599	47.594
OFFSET	-9.895	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.148

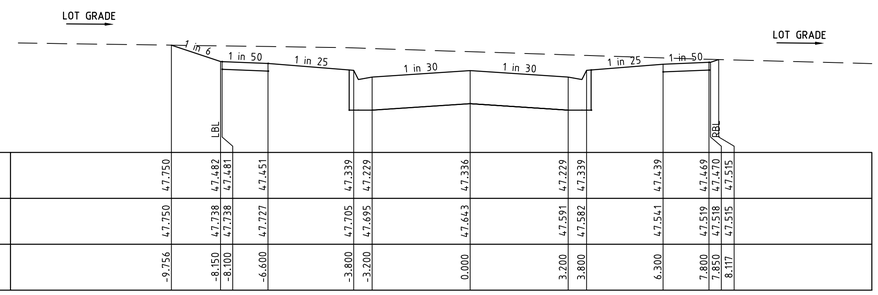
HOUDINI DRIVE RTP CH 218.450



DATUM45.0

DESIGN SURFACE	46.925	46.696	46.695	46.665	46.553	46.443	46.550	46.443	46.553	46.653	46.683	46.684	46.810
EXISTING SURFACE	46.925	46.916	46.916	46.907	46.887	46.882	46.856	46.839	46.836	46.823	46.815	46.814	46.810
OFFSET	-9.519	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.606

HOUDINI DRIVE LIMIT OF WORKS 122.350



DATUM46.0

DESIGN SURFACE	47.750	47.482	47.481	47.451	47.339	47.229	47.336	47.229	47.339	47.439	47.469	47.470	47.515
EXISTING SURFACE	47.750	47.738	47.738	47.727	47.705	47.695	47.643	47.591	47.582	47.541	47.519	47.518	47.515
OFFSET	-9.756	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.117

HOUDINI DRIVE LTP CH 203.550

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

VER.	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

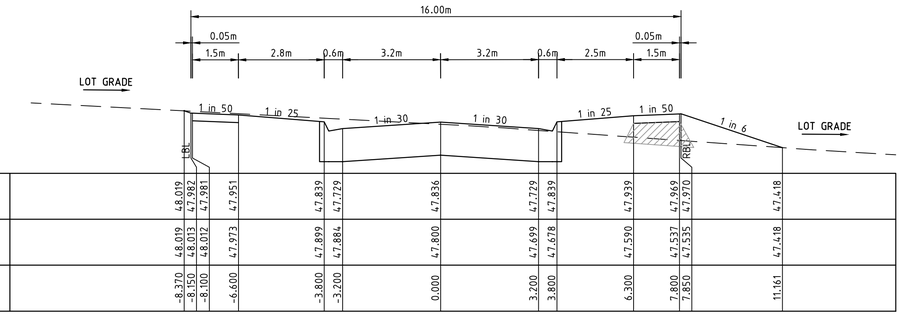
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 09 OF 22 | A

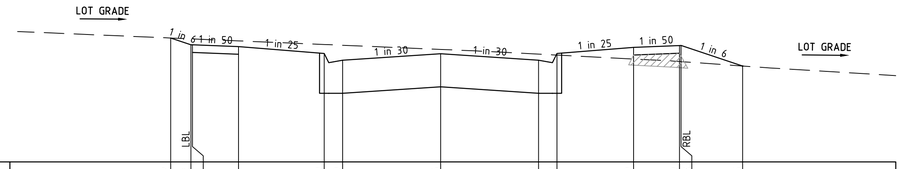


DATUM47.0

DESIGN SURFACE	48.019	47.982	47.981	47.951	47.839	47.729	47.836	47.729	47.839	47.939	47.969	47.970	47.418
EXISTING SURFACE	48.019	48.013	48.012	47.973	47.899	47.884	47.800	47.699	47.678	47.590	47.537	47.535	47.418
OFFSET	-8.370	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	11.161

HOUDINI DRIVE

CH 303.600

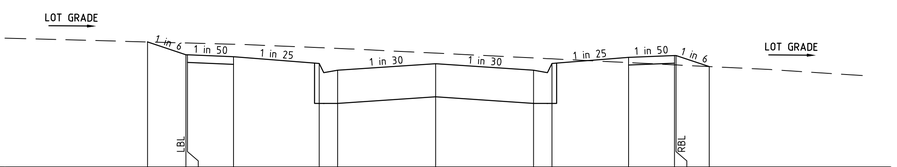


DATUM46.0

DESIGN SURFACE	48.022	47.912	47.911	47.881	47.769	47.659	47.766	47.659	47.769	47.869	47.899	47.900	47.565
EXISTING SURFACE	48.022	48.008	48.007	47.976	47.916	47.904	47.836	47.759	47.744	47.679	47.639	47.637	47.565
OFFSET	-8.810	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.860

HOUDINI DRIVE

CH 289.600

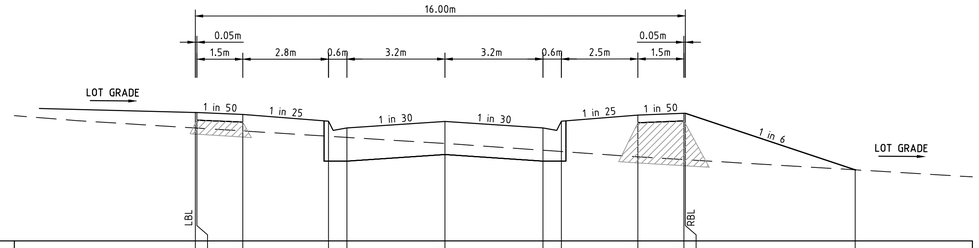


DATUM46.0

DESIGN SURFACE	48.042	47.832	47.831	47.801	47.689	47.579	47.686	47.579	47.689	47.789	47.819	47.820	47.640
EXISTING SURFACE	48.042	48.025	48.024	48.004	47.949	47.936	47.859	47.781	47.766	47.704	47.668	47.666	47.640
OFFSET	-9.405	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.934

HOUDINI DRIVE

CH 273.600

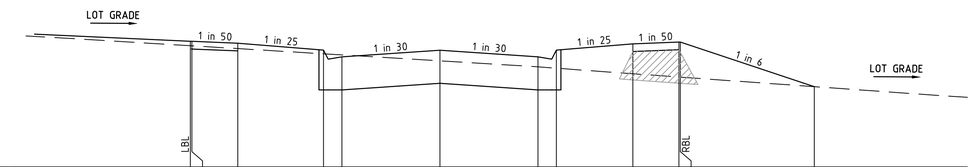


DATUM46.0

DESIGN SURFACE	48.096	48.095	48.065	47.953	47.843	47.950	47.843	47.953	48.053	48.083	48.084	47.160
EXISTING SURFACE	47.843	47.842	47.795	47.708	47.689	47.590	47.480	47.459	47.373	47.328	47.326	47.160
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	13.393

HOUDINI DRIVE

LTP CH 325.953



DATUM46.0

DESIGN SURFACE	48.052	48.051	48.021	47.909	47.799	47.906	47.799	47.909	48.009	48.039	48.040	47.312
EXISTING SURFACE	47.980	47.978	47.933	47.848	47.830	47.733	47.635	47.613	47.522	47.469	47.467	47.312
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	12.222

HOUDINI DRIVE

CH 317.600

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

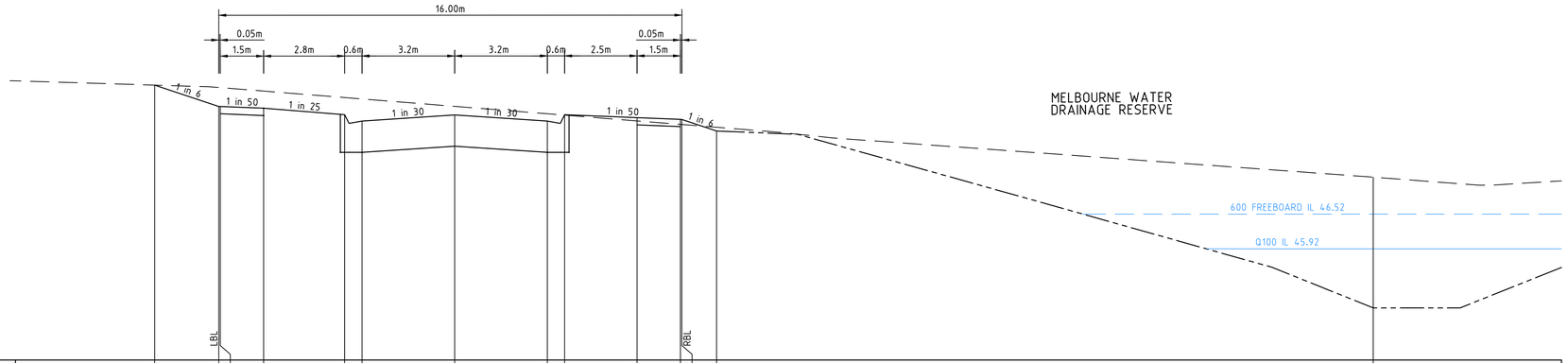
RIVERDALE VILLAGE STAGE 21

ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM

REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 10 OF 22 | A

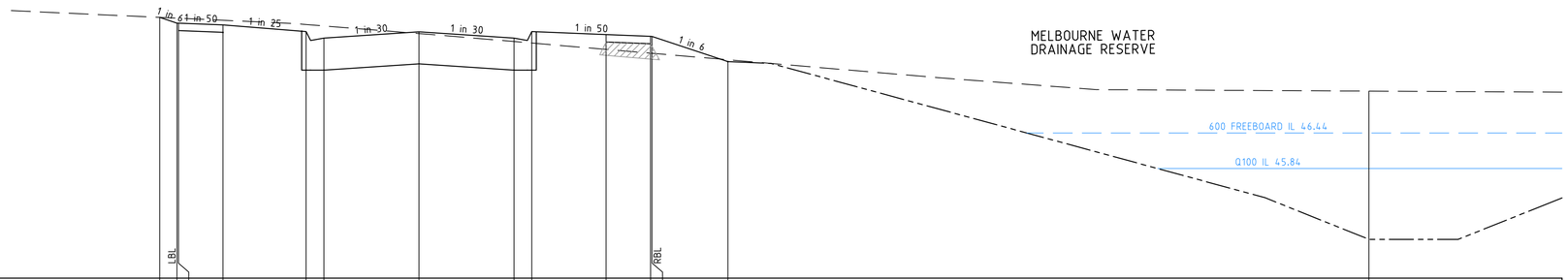


DATUM44.0

DESIGN SURFACE	48.747	48.378	48.377	48.347	48.235	48.125	48.232	48.125	48.235	48.185	48.155	48.154	47.954	44.901
EXISTING SURFACE	48.747	48.705	48.703	48.643	48.532	48.508	48.380	48.252	48.228	48.129	48.069	48.067	48.019	47.157
OFFSET	-10.362	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.047	31.730

HOUDINI DRIVE

CH 372.676

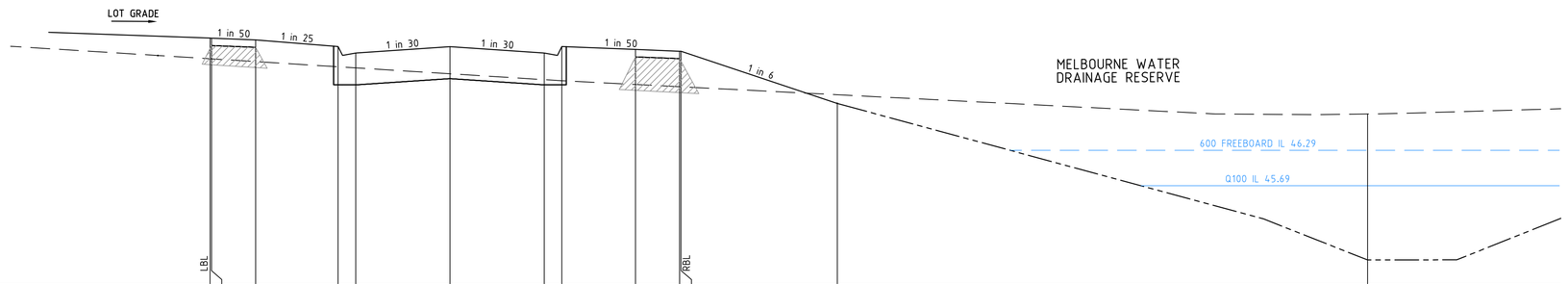


DATUM44.0

DESIGN SURFACE	48.391	48.294	48.293	48.263	48.151	48.041	48.148	48.041	48.151	48.101	48.071	48.070	47.645	44.652
EXISTING SURFACE	48.391	48.378	48.376	48.342	48.271	48.247	48.118	47.984	47.959	47.852	47.788	47.786	47.677	47.149
OFFSET	-8.728	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	10.401	31.987

HOUDINI DRIVE

CH 360.000



DATUM44.0

DESIGN SURFACE	48.193	48.192	48.162	48.050	47.940	48.047	47.940	48.050	48.000	47.970	47.969	47.085	44.432
EXISTING SURFACE	47.843	47.841	47.794	47.707	47.688	47.588	47.488	47.470	47.407	47.369	47.367	47.233	46.907
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	13.154	31.161

HOUDINI DRIVE

LTP CH 339.814

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

VER.	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

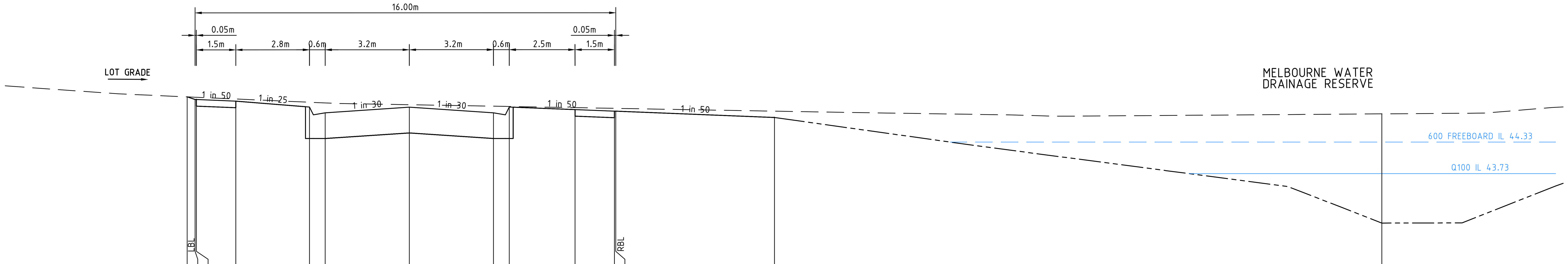
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

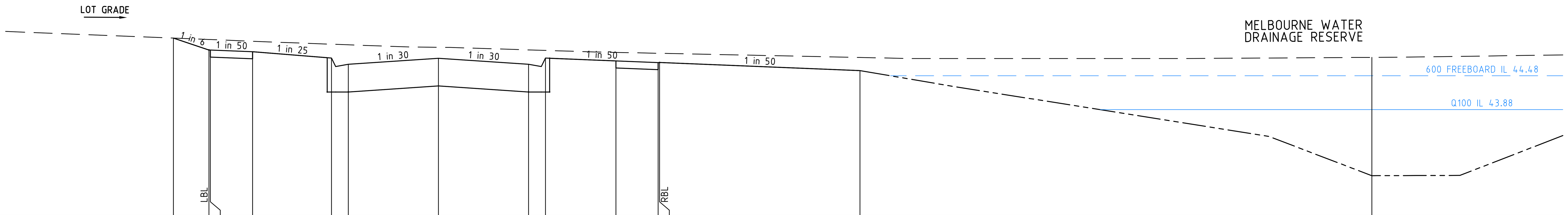
SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 11 OF 22 | A



DESIGN SURFACE	45.191	45.142	45.141	45.111	44.999	44.889	44.995	44.889	44.999	44.949	44.919	44.920	44.799	42.789
EXISTING SURFACE	45.191	45.185	45.184	45.151	45.089	45.076	45.042	45.014	45.008	44.986	44.973	44.973	44.919	44.868
OFFSET	-8.449	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	13.886	36.990

GELLER CIRCUIT

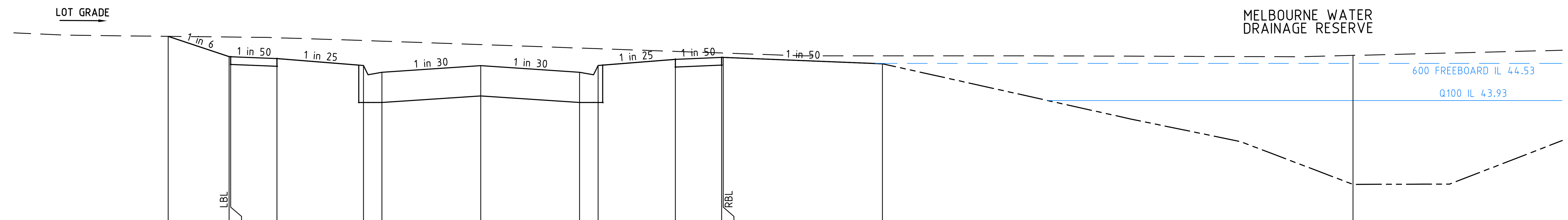
LTP CH 211.117



DESIGN SURFACE	45.147	44.936	44.935	44.905	44.793	44.683	44.790	44.683	44.793	44.743	44.713	44.714	44.572	42.711
EXISTING SURFACE	45.147	45.122	45.121	45.091	45.039	45.028	44.983	44.938	44.929	44.894	44.878	44.878	44.804	44.805
OFFSET	-9.414	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	14.967	33.146

GELLER CIRCUIT

CH 197.425



DESIGN SURFACE	45.017	44.688	44.687	44.657	44.545	44.435	44.542	44.435	44.545	44.645	44.675	44.676	44.573	42.619
EXISTING SURFACE	45.017	45.006	45.006	44.994	44.949	44.939	44.883	44.827	44.817	44.774	44.747	44.747	44.702	44.708
OFFSET	-10.123	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	13.008	28.247

GELLER CIRCUIT

LIMIT OF WORKS 180.903

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

VER	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF.	234 F1
SURVEY	BPD
DESIGN	JGB
DRAWN	IMW
CHECKED	CH

RIVERDALE VILLAGE STAGE 21

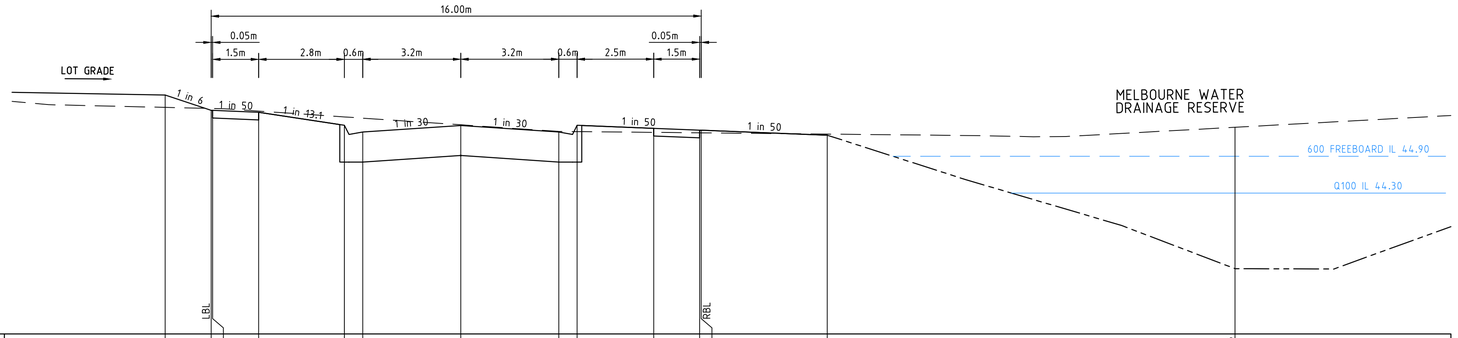
ROAD CROSS SECTIONS

MUNICIPALITY WYNDHAM

REFERENCE 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

 A

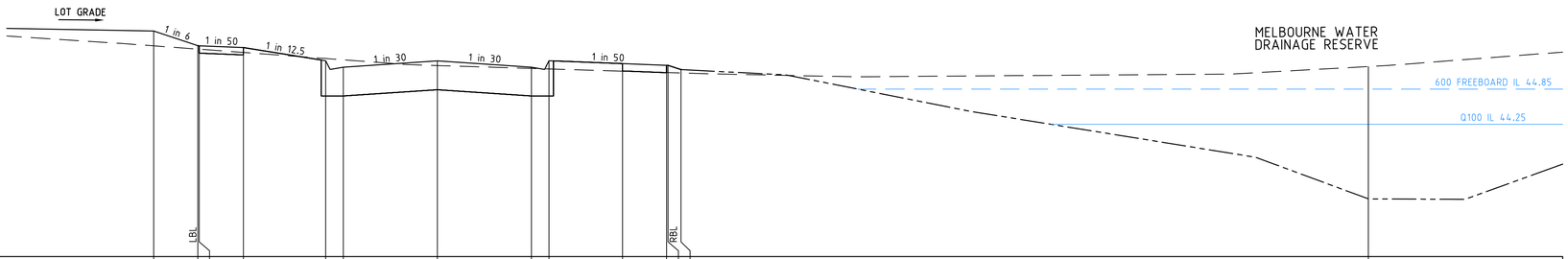


DATUM42.0

DESIGN SURFACE	45.900	45.650	45.649	45.619	45.405	45.295	45.402	45.295	45.405	45.355	45.325	45.326	45.244	43.066
EXISTING SURFACE	45.698	45.680	45.680	45.637	45.542	45.522	45.414	45.306	45.303	45.290	45.283	45.282	45.262	45.373
OFFSET	-9.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	11.963	25.278

GELLER CIRCUIT

CH 259.381

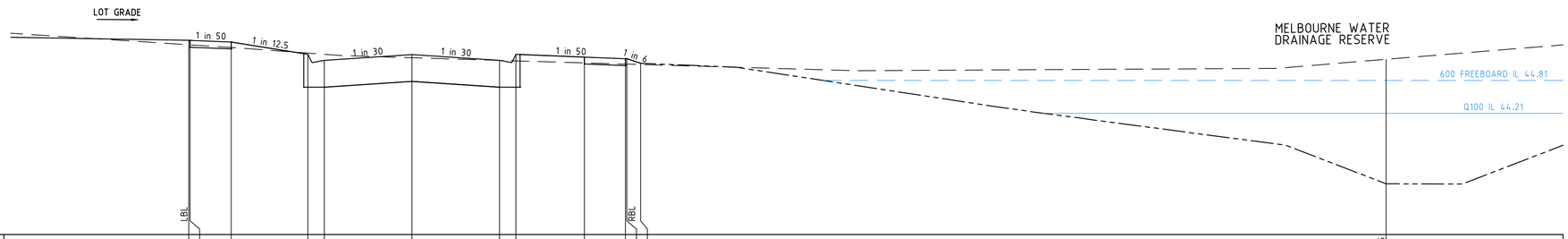


DATUM42.0

DESIGN SURFACE	45.838	45.588	45.587	45.557	45.333	45.223	45.330	45.223	45.333	45.283	45.253	45.254	45.181	42.981
EXISTING SURFACE	45.586	45.530	45.529	45.473	45.370	45.347	45.251	45.202	45.193	45.155	45.132	45.131	45.125	45.233
OFFSET	-9.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.289	31.676

GELLER CIRCUIT

CH 244.925



DATUM42.0

DESIGN SURFACE	45.541	45.540	45.510	45.286	45.176	45.282	45.176	45.286	45.236	45.206	45.207	45.123	42.925
EXISTING SURFACE	45.460	45.459	45.410	45.309	45.287	45.223	45.175	45.166	45.130	45.108	45.108	45.100	45.195
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.354	35.579

GELLER CIRCUIT

LTP CH 235.487

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

VER.	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

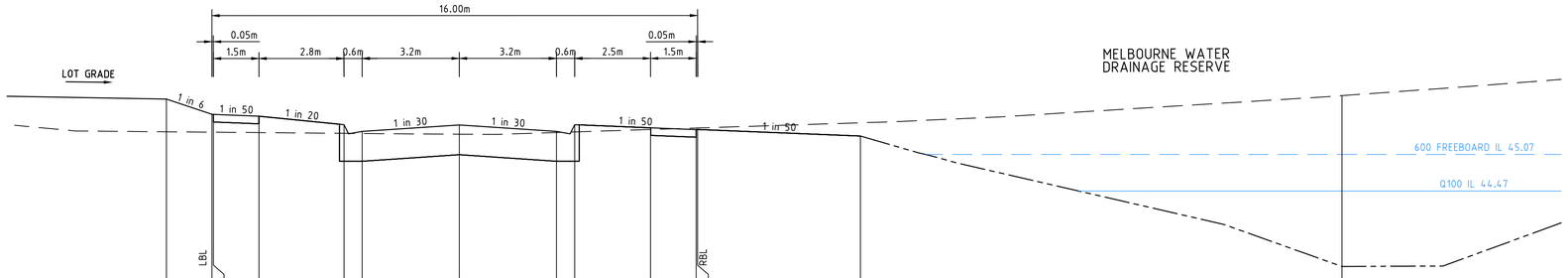
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 13 OF 22 | A

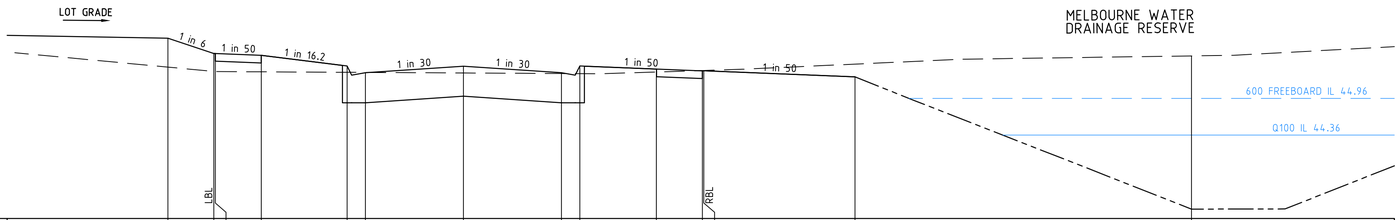


DATUM43.0

DESIGN SURFACE	45.980	45.730	45.729	45.699	45.559	45.449	45.556	45.449	45.559	45.509	45.479	45.480	45.373	43.229
EXISTING SURFACE	45.443	45.437	45.437	45.430	45.418	45.415	45.404	45.431	45.441	45.481	45.505	45.506	45.591	46.037
OFFSET	-9.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	13.211	29.074

GELLER CIRCUIT

LTP CH 289.595



DATUM43.0

DESIGN SURFACE	45.942	45.692	45.691	45.661	45.488	45.378	45.485	45.378	45.488	45.438	45.408	45.409	45.310	43.152
EXISTING SURFACE	45.470	45.399	45.398	45.392	45.385	45.383	45.374	45.365	45.363	45.390	45.413	45.414	45.518	45.652
OFFSET	-9.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	12.785	23.769

GELLER CIRCUIT

CH 275.903

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

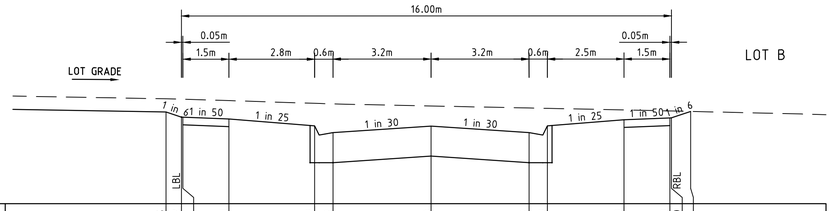
RIVERDALE VILLAGE STAGE 21

ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM

REFERENCE: 8554 - E/21

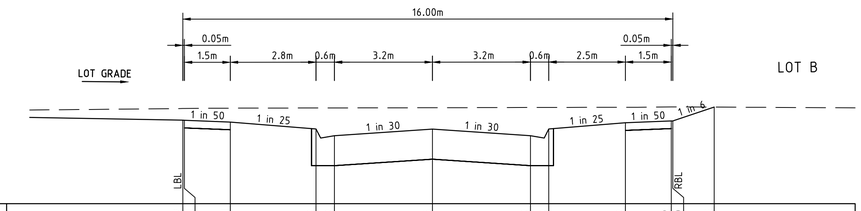
SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 14 OF 22 | A



DATUM45.0

DESIGN SURFACE	46.495	46.412	46.411	46.381	46.269	46.159	46.266	46.159	46.269	46.369	46.399	46.400	46.305
EXISTING SURFACE	46.711	46.706	46.705	46.681	46.637	46.627	46.594	46.561	46.555	46.529	46.513	46.512	46.505
OFFSET	-8.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.478

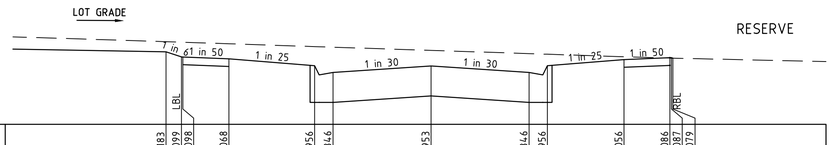
GELLER CIRCUIT CH 345.282



DATUM46.0

DESIGN SURFACE	47.362	47.361	47.331	47.219	47.109	47.216	47.109	47.219	47.319	47.349	47.350	47.575
EXISTING SURFACE	47.552	47.552	47.558	47.561	47.562	47.565	47.569	47.570	47.572	47.577	47.578	47.575
OFFSET	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.201

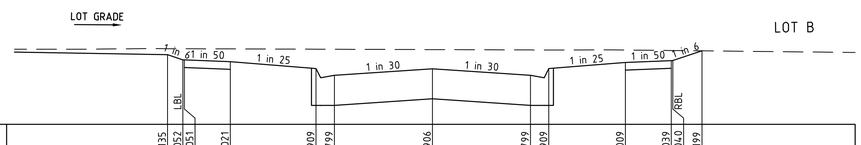
GELLER CIRCUIT TP CH 394.332



DATUM45.0

DESIGN SURFACE	46.183	46.099	46.098	46.068	45.956	45.846	45.953	45.846	45.956	46.056	46.086	46.087	46.079
EXISTING SURFACE	46.348	46.340	46.339	46.314	46.268	46.258	46.206	46.153	46.144	46.103	46.080	46.080	46.079
OFFSET	-8.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	7.898

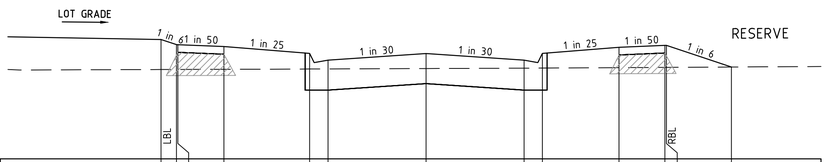
GELLER CIRCUIT CH 329.282



DATUM46.0

DESIGN SURFACE	47.135	47.052	47.051	47.021	46.909	46.799	46.906	46.799	46.909	47.009	47.039	47.040	47.199
EXISTING SURFACE	47.234	47.233	47.233	47.231	47.226	47.225	47.219	47.213	47.212	47.212	47.204	47.204	47.199
OFFSET	-8.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.801

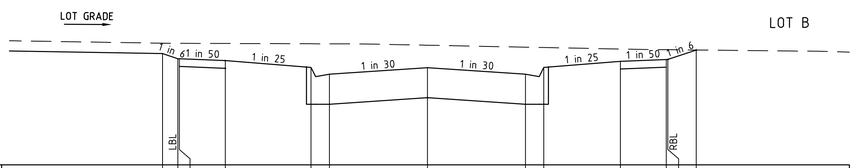
GELLER CIRCUIT CH 377.282



DATUM44.0

DESIGN SURFACE	45.948	45.864	45.863	45.833	45.721	45.611	45.718	45.611	45.721	45.821	45.851	45.852	45.499
EXISTING SURFACE	45.458	45.459	45.459	45.461	45.466	45.467	45.474	45.480	45.482	45.489	45.493	45.493	45.499
OFFSET	-8.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.972

GELLER CIRCUIT LTP CH 305.806



DATUM45.0

DESIGN SURFACE	46.815	46.732	46.731	46.701	46.589	46.479	46.586	46.479	46.589	46.689	46.719	46.720	46.874
EXISTING SURFACE	46.986	46.983	46.983	46.981	46.976	46.975	46.953	46.921	46.915	46.890	46.880	46.879	46.874
OFFSET	-8.650	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.776

GELLER CIRCUIT CH 361.282

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

VER.	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

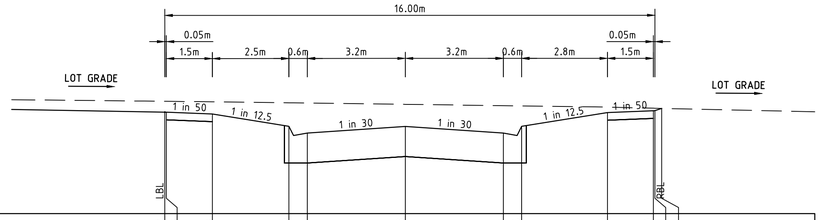
AMENDMENTS

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

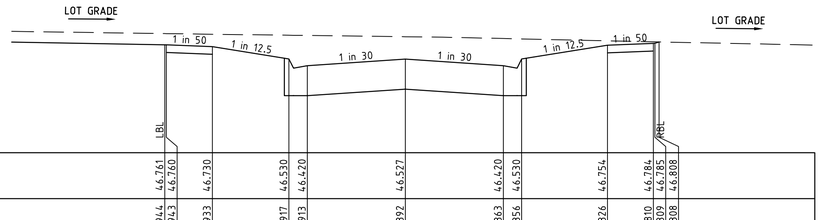
MUNICIPALITY WYNDHAM
REFERENCE 8554 - E/21
SCALE AS SHOWN DATUM AHD DATE OCT '18
SHEET 15 OF 22 A



DATUM45.0

DESIGN SURFACE	46.657	46.656	46.626	46.626	46.616	46.623	46.616	46.626	46.650	46.680	46.681	46.718
EXISTING SURFACE	46.834	46.834	46.826	46.809	46.805	46.784	46.763	46.759	46.738	46.721	46.720	46.718
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.150	8.370

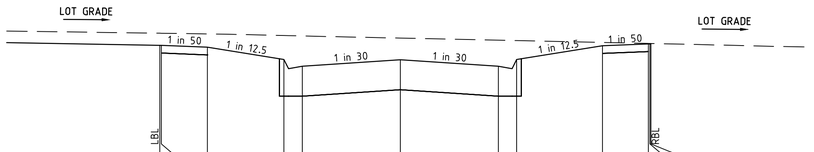
STREBLER STREET CH 56.850



DATUM45.0

DESIGN SURFACE	46.761	46.760	46.730	46.630	46.620	46.627	46.620	46.630	46.754	46.784	46.785	46.808
EXISTING SURFACE	46.944	46.943	46.933	46.917	46.913	46.892	46.863	46.856	46.826	46.810	46.809	46.808
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.150	8.286

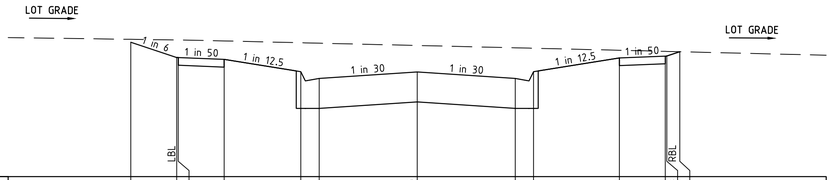
STREBLER STREET CH 42.850



DATUM45.0

DESIGN SURFACE	46.859	46.858	46.828	46.628	46.618	46.625	46.618	46.628	46.852	46.882	46.883	46.889
EXISTING SURFACE	47.056	47.056	47.045	47.019	47.012	46.977	46.943	46.936	46.906	46.890	46.889	46.889
OFFSET	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.150	8.185

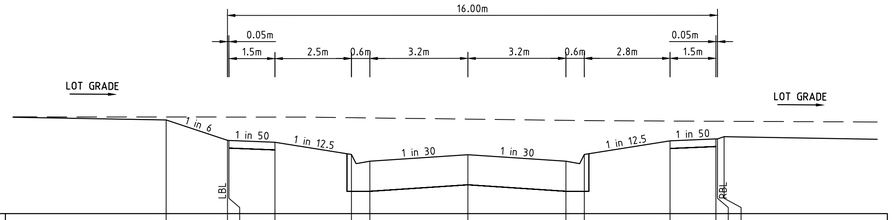
STREBLER STREET CH 28.850



DATUM45.0

DESIGN SURFACE	47.194	46.944	46.913	46.713	46.603	46.710	46.603	46.713	46.937	46.967	46.968	47.039
EXISTING SURFACE	47.241	47.231	47.215	47.186	47.179	47.141	47.103	47.096	47.063	47.045	47.044	47.039
OFFSET	-9.350	-7.850	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.150	8.574

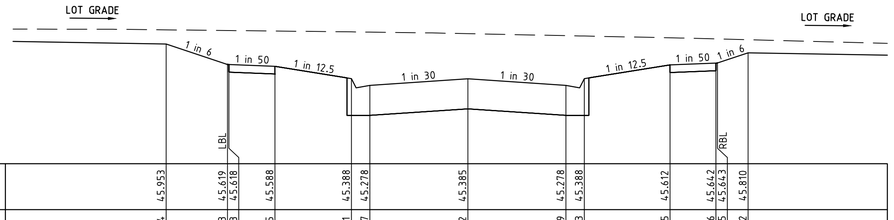
STREBLER STREET TP CH 11.800



DATUM44.0

DESIGN SURFACE	45.530	45.196	45.195	45.165	44.965	44.855	44.962	44.855	44.965	45.189	45.219	45.256
EXISTING SURFACE	45.577	45.577	45.577	45.576	45.567	45.563	45.542	45.522	45.518	45.511	45.508	45.507
OFFSET	-9.850	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.367

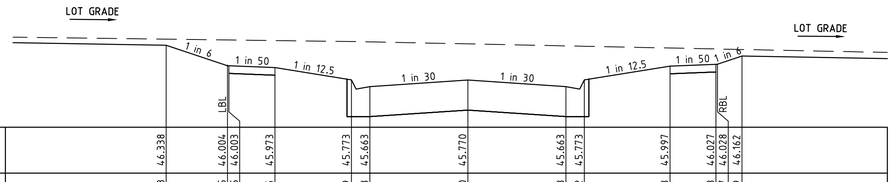
STREBLER STREET LTP CH 113.815



DATUM44.0

DESIGN SURFACE	45.953	45.619	45.618	45.588	45.388	45.278	45.385	45.278	45.388	45.612	45.642	45.810
EXISTING SURFACE	46.184	46.173	46.173	46.165	46.151	46.147	46.122	46.089	46.083	46.055	46.036	46.022
OFFSET	-9.850	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	9.150

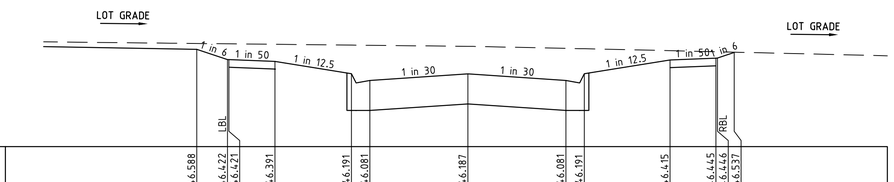
STREBLER STREET CH 95.850



DATUM45.0

DESIGN SURFACE	46.338	46.004	46.003	45.973	45.773	45.663	45.770	45.663	45.773	45.997	46.027	46.162
EXISTING SURFACE	46.438	46.425	46.425	46.415	46.399	46.393	46.360	46.328	46.322	46.293	46.278	46.269
OFFSET	-9.850	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.950

STREBLER STREET CH 84.850



DATUM45.0

DESIGN SURFACE	46.588	46.422	46.421	46.391	46.191	46.081	46.187	46.081	46.191	46.415	46.445	46.537
EXISTING SURFACE	46.684	46.679	46.678	46.670	46.657	46.654	46.637	46.604	46.598	46.567	46.549	46.542
OFFSET	-8.850	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	3.800	6.600	8.100	8.896

STREBLER STREET CH 70.850

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

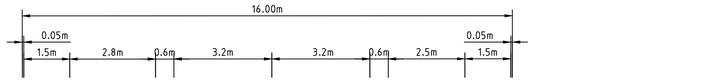
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

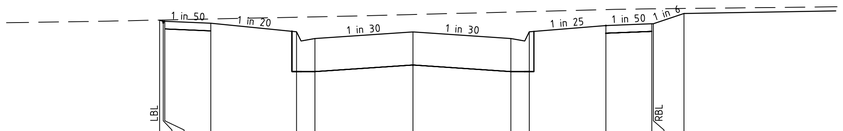
MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

MUNICIPALITY WYNDHAM
REFERENCE 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 16 OF 22 | A



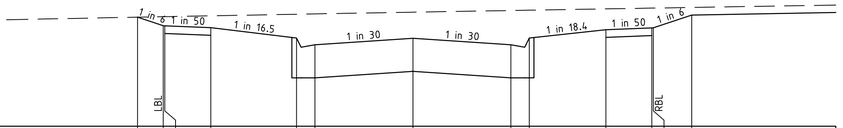


DATUM46.0

DESIGN SURFACE	47.894	47.894	47.874	47.873	47.843	47.703	47.593	47.699	47.593	47.703	47.803	47.833	47.834	48.000
EXISTING SURFACE	47.894	47.895	47.895	47.911	47.940	47.946	47.984	48.024	48.032	48.064	48.077	48.077	48.082	
OFFSET	-8.269	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	8.850	

SALWACK STREET

LIMIT OF WORKS 40.150

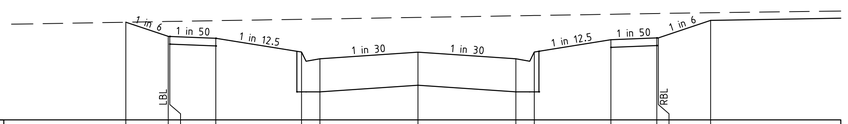


DATUM46.0

DESIGN SURFACE	47.780	47.640	47.639	47.609	47.439	47.329	47.435	47.329	47.439	47.575	47.605	47.606	47.814	
EXISTING SURFACE	47.780	47.788	47.789	47.802	47.827	47.833	47.861	47.888	47.893	47.915	47.927	47.928	47.938	
OFFSET	-8.989	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.103	

SALWACK STREET

CH 30.000



DATUM46.0

DESIGN SURFACE	47.594	47.363	47.362	47.332	47.108	46.998	47.105	46.998	47.108	47.308	47.338	47.339	47.624	
EXISTING SURFACE	47.594	47.606	47.607	47.619	47.642	47.647	47.673	47.699	47.704	47.724	47.737	47.737	47.749	
OFFSET	-9.537	-8.150	-8.100	-6.600	-3.800	-3.200	0.000	3.200	3.800	6.300	7.800	7.850	9.556	

SALWACK STREET

TP CH 11.800

FCR BACKFILL PLACED UNDER FOOTPATH WHERE ABOVE EXISTING SURFACE TO BE CLASS 3 OR CRUSHED CONCRETE CLASS 3

1:50 VER 1 0.5 00 1 2 4

1:100 HOR 2 1 00 2 4 8

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

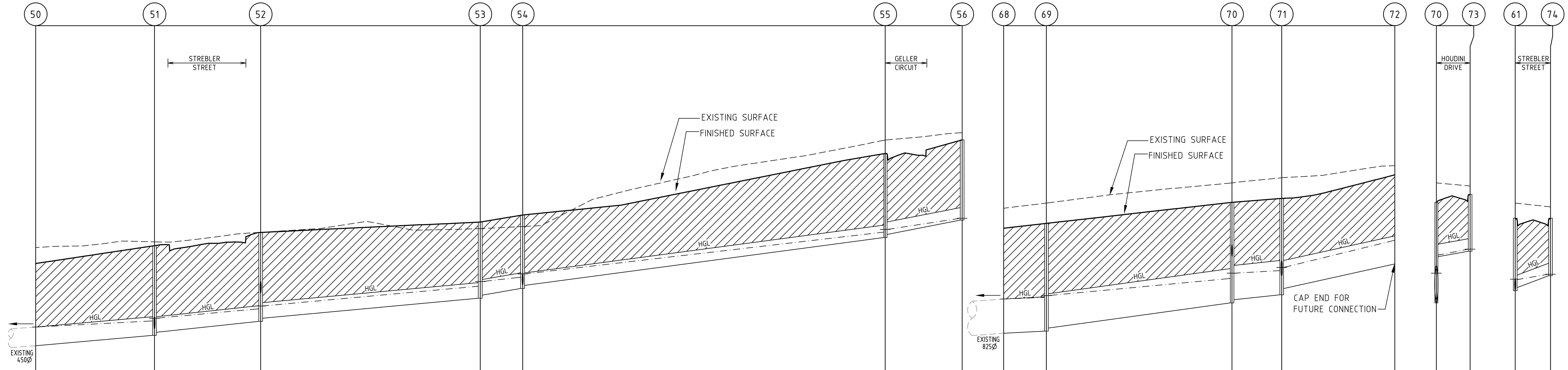
breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
ROAD CROSS SECTIONS

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 17 OF 22 | A



Pits 50–56 (DATUM 38.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	PIPE CLASS	PIPE SIZE (mm)	PIPE GRADE	(Reach Length)
50–51	0.244	0.266	1.67	CLASS 2	450Ø	1 in 115	(28.606)
51–52	0.168	0.178	1.61	CLASS 2	375Ø	1 in 97.1	(25.584)
52–53	0.154	0.167	1.51	CLASS 2	375Ø	1 in 110	(52.893)
53–54	0.135	0.220	1.99	CLASS 2	375Ø	1 in 63.9	(10.205)
54–55	0.029	0.111	1.57	CLASS 2	300Ø	1 in 75.9	(87.319)
55–56	0.004	0.132	1.87	CLASS 2	300Ø	1 in 53.8	(18.541)

Pit	DEPTH TO INVERT	H.G.L	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE	PIPE CHAINAGE
50	1.978 / 1.978	43.050	42.600 / 42.600	44.578	44.964	0.000
51	2.159 / 2.084	43.197 / 43.263	42.849 / 42.924	45.007	45.100	28.606
52	2.138 / 2.063	43.489 / 43.557	43.187 / 43.262	45.325	45.329	54.191
53	1.833 / 1.758	44.032 / 44.146	43.743 / 43.818	45.576	45.418	107.084
54	1.768 / 1.693	44.249 / 44.330 / 44.328	43.978 / 44.053	45.745	45.468	117.290
55	2.024 / 1.949	45.332 / 45.399 / 45.398	45.203 / 45.278	47.227	47.550	204.608
56	1.930	45.667 / 45.668	45.622	47.553	47.728	223.149

Pits 68–72 (DATUM 39.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	PIPE CLASS	PIPE SIZE (mm)	PIPE GRADE	(Reach Length)
68–69	0.942	1.015	1.9	CLASS 2	825Ø	1 in 200	(10.292)
69–70	0.942	1.671	3.13	CLASS 2	825Ø	1 in 73.9	(44.700)
70–71	0.924	1.436	2.69	CLASS 2	825Ø	1 in 100	(11.979)
71–72	0.842	1.239	3.46	CLASS 2	675Ø	1 in 46	(27.242)

Pit	DEPTH TO INVERT	H.G.L	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE	PIPE CHAINAGE
68	2.527 / 2.527	44.725	43.900 / 43.900	46.427	46.909	0.000
69	2.593 / 2.518	44.765 / 44.807	43.951 / 44.026	46.544	47.033	10.292
70	2.419 / 2.344	45.219 / 45.347 / 45.345	44.632 / 44.707	47.051	47.518	54.992
71	2.320 / 2.170	45.408 / 45.484	44.826 / 44.976	47.146	47.642	66.972
72	2.144	46.139	45.568	47.712	47.933	94.214

Pits 70–73 (DATUM 39.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	PIPE CLASS	PIPE SIZE (mm)	PIPE GRADE	(Reach Length)
70–73	0.004	0.123	1.74	CLASS 3	300Ø	1 in 62.2	(8.137)

Pit	DEPTH TO INVERT	H.G.L	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE	PIPE CHAINAGE
70	2.419 / 1.308	45.219 / 45.347 / 45.782	44.632 / 45.743	47.051	47.518	0.000
73	1.367	45.923 / 45.925	45.874	47.240	47.445	8.137

Pits 61–74 (DATUM 39.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	PIPE CLASS	PIPE SIZE (mm)	PIPE GRADE	(Reach Length)
61–74	0.002	0.177	2.5	CLASS 3	300Ø	1 in 29.9	(8.500)

Pit	DEPTH TO INVERT	H.G.L	INVERT LEVEL	FINISHED SURFACE	EXISTING SURFACE	PIPE CHAINAGE
61	1.744 / 1.669	45.102 / 45.201 / 45.192	44.925 / 45.000	46.669	47.034	0.000
74	1.384	45.321	45.285	46.669	46.940	8.500

LEGEND:

- – – –EXISTING SURFACE PROFILE
- ——FINISHED SURFACE PROFILE
- —HGL—HYDRAULIC GRADE LINE

ALL PIPES TO BE CLASS 2 UNLESS SHOWN OTHERWISE
RRJ DENOTES RUBBER RING JOINTED
FJ DENOTES FLUSH JOINTED WITH EXTERNAL SEALING BANDS

INDICATES CRUSHED ROCK BACKFILL

ALL SPLAY PIPES TO BE MANUFACTURED AND INSTALLED TO MANUFACTURERS SPECIFICATION

1:50 VER 1 0.5 00 1 2 4
1:500 HOR 10 5 00 10 20 40

VER	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

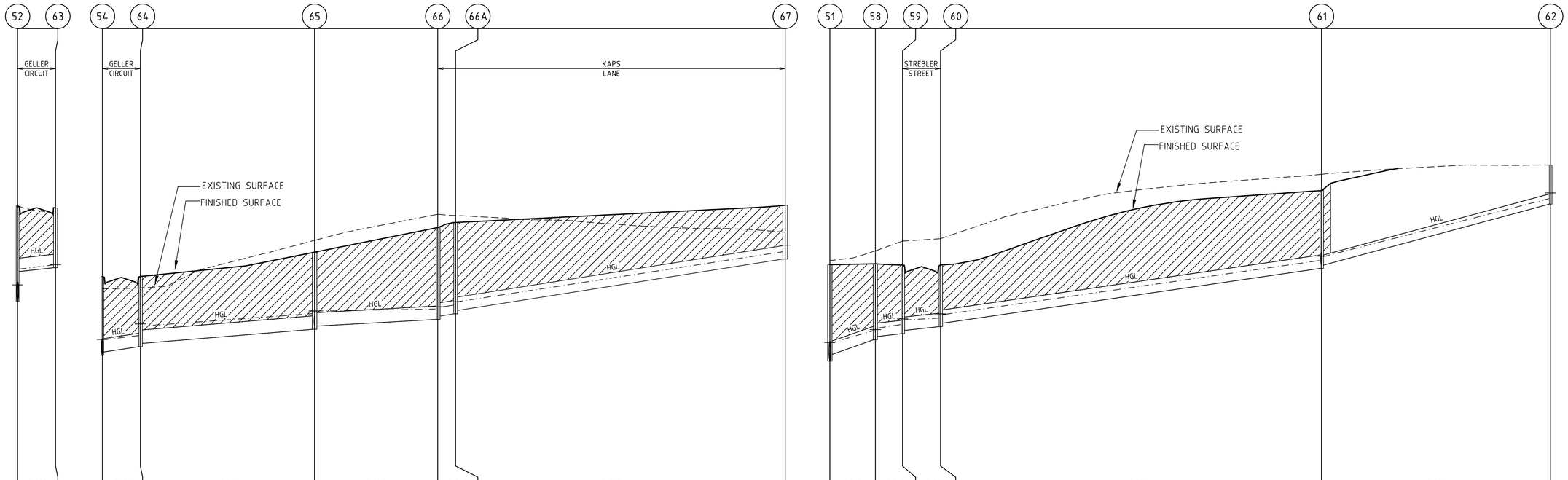
MELWAY REF.	234 F1
SURVEY	BPD
DESIGN	JGB
DRAWN	IMW
CHECKED	CH

RIVERDALE VILLAGE STAGE 21
DRAINAGE LONGITUDINAL SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

MUNICIPALITY WYNDHAM

REFERENCE 8554 - E/21



	52	63	54	64	65	66	66A	67
DESIGN FLOW (m3/s)	0.007		0.102	0.081	0.043	0.045	0.045	
CAPACITY (m3/s)	0.097		0.115	0.087	0.071	0.124	0.124	
AT GRADE VELOCITY (m/s)	1.37		1.62	1.22	1	1.75	1.75	
PIPE CLASS	CLASS 3		CLASS 3	CLASS 2	CLASS 2	CLASS 3	CLASS 3	
PIPE SIZE (mm)	300Ø		300Ø	300Ø	300Ø	300Ø	300Ø	
PIPE GRADE	1 in 100		1 in 71.2	1 in 125	1 in 187	1 in 60.9	1 in 64.1	
DATUM	37.0		39.0					
DEPTH TO INVERT	2.138	1.469	1.768	1.693	1.573	1.498	1.730	1.655	2.060	1.985	2.047	1.972	1.205
H.G.L	43.489	43.557 43.972	44.009	44.250	44.333 44.331	44.419	44.682 44.635	44.911	44.971	45.015	45.066 45.055	45.104	45.179	46.300	46.447
INVERT LEVEL	43.387	43.856	43.941	43.978	44.053	44.172	44.247	44.560	44.635	44.782	44.857	44.908	44.983	46.136
FINISHED SURFACE	45.325		45.280	45.745	45.745	45.745	46.290	46.842	46.955	47.341
EXISTING SURFACE	45.329		45.161	45.468	45.487	45.487	46.554	47.138	47.112	46.736
PIPE CHAINAGE (Reach Length)	0.000	(8.500)	8.500	0.000	(8.500)	8.500	(39.026)	47.526	(27.600)	75.126	(4.000)	79.126	(73.852)	152.978

	51	58	59	60	61	62
DESIGN FLOW (m3/s)	0.068	0.069	0.059	0.052	0.021
CAPACITY (m3/s)	0.173	0.097	0.097	0.116	0.073
AT GRADE VELOCITY (m/s)	2.45	1.37	1.37	1.64	1.84
PIPE CLASS	CLASS 2	CLASS 2	CLASS 3	CLASS 3	CLASS 2
PIPE SIZE (mm)	300Ø	300Ø	300Ø	300Ø	225Ø
PIPE GRADE	1 in 31.2	1 in 100	1 in 100	1 in 69.5	1 in 37.5
DATUM	38.0				
DEPTH TO INVERT	2.159	2.009	1.702	1.627	1.543	1.468	1.383	1.308	1.744	0.874
H.G.L	43.197	43.263	43.530	43.553 43.587	43.666	43.794 43.770	43.811	43.886 43.889	45.102 45.192	46.487	46.617
INVERT LEVEL	42.849	42.999	43.326	43.401	43.462	43.537	43.622	43.697	44.925	46.368
FINISHED SURFACE	45.007	45.028	45.004	45.004	46.669	47.241
EXISTING SURFACE	45.100	45.319	45.539	45.592	47.034	47.243
PIPE CHAINAGE (Reach Length)	0.000	(10.205)	10.205	(6.083)	16.288	(8.500)	24.788	(85.358)	110.146	(51.342)	161.489

LEGEND:

— — — EXISTING SURFACE PROFILE

——— FINISHED SURFACE PROFILE

—HGL— HYDRAULIC GRADE LINE

ALL PIPES TO BE CLASS 2 UNLESS SHOWN OTHERWISE
RRJ DENOTES RUBBER RING JOINTED
FJ DENOTES FLUSH JOINTED WITH EXTERNAL SEALING BANDS

INDICATES CRUSHED ROCK BACKFILL

ALL SPLAY PIPES TO BE MANUFACTURED AND INSTALLED TO MANUFACTURERS SPECIFICATION

1:50 VER 1 0.5 00 1 2 4

1:500 HOR 10 5 00 10 20 40

AMENDMENTS			
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
fax no. 8823 2310

MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

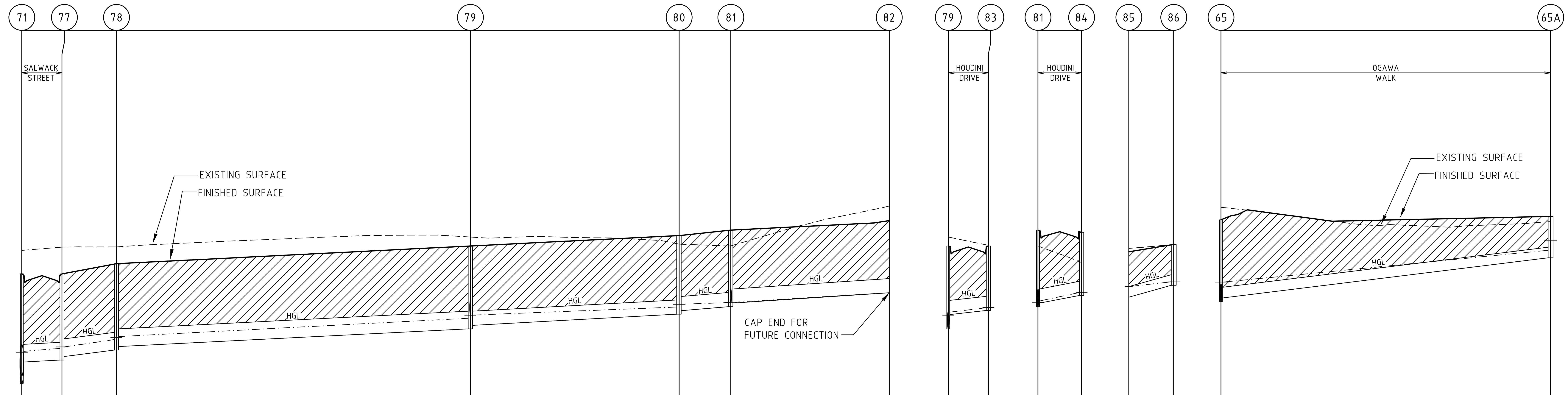
RIVERDALE VILLAGE STAGE 21
DRAINAGE LONGITUDINAL SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

MUNICIPALITY: WYNDHAM

REFERENCE: 8554 - E/21

SHEET 19 OF 22 | A



	71–77	77–78	78–79	79–80	80–81	81–82
DESIGN FLOW (m3/s)	0.096	0.092	0.083	0.036	0.014	0.000
CAPACITY (m3/s)	0.124	0.191	0.124	0.071	0.085	0.078
AT GRADE VELOCITY (m/s)	1.12	1.73	1.12	1	1.2	1.11
PIPE CLASS	CLASS 2	CLASS 2	CLASS 2	CLASS 2	CLASS 2	CLASS 2
PIPE SIZE (mm)	375Ø	375Ø	375Ø	300Ø	300Ø	300Ø
PIPE GRADE	1 in 200	1 in 84.6	1 in 200	1 in 187	1 in 130	1 in 153
DATUM	40.0					
DEPTH TO INVERT	2.320 1.870 1.825	1.750 1.830	1.755 1.755	1.680 1.665	1.590 1.621	1.546 1.527
H.G.L	45.408 45.484 45.504 45.566	45.597 45.753	45.799 45.817 46.205	46.271 46.443	46.501 46.538	46.543 46.542 46.746
INVERT LEVEL	44.826 45.276 45.319	45.394 45.530	45.605 45.980	46.055 46.291	46.366 46.450	46.525 46.745
FINISHED SURFACE	47.146 47.144	47.360	47.735	47.956	48.071	48.272
EXISTING SURFACE	47.642 47.711	47.715	47.925	47.775	47.737	48.581
PIPE CHAINAGE (Reach Length)	0.000 8.500 (8.500)	20.031 (11.531)	94.981 (74.950)	139.181 (44.200)	150.129 (10.948)	183.680 (33.551)

	79–83	81–84	85–86	65–65A
DESIGN FLOW (m3/s)	0.006	0.007	0.008	0.036
CAPACITY (m3/s)	0.097	0.128	0.073	0.050
AT GRADE VELOCITY (m/s)	1.37	1.81	1.84	1.25
PIPE CLASS	CLASS 3	CLASS 3	CLASS 3	CLASS 2
PIPE SIZE (mm)	300Ø	300Ø	225Ø	225Ø
PIPE GRADE	1 in 100	1 in 56.9	1 in 37.6	1 in 82.1
DATUM	40.0	40.0	39.0	38.0
DEPTH TO INVERT	1.755 1.451 1.366	1.621 1.546 1.337	0.963 0.963 0.865	1.730 1.655 0.876
H.G.L	46.205 46.271 46.336 46.428 46.431	46.538 46.543 46.573 46.750 46.754	45.875 45.977 45.992	44.911 44.971 45.644 45.857
INVERT LEVEL	45.980 46.283 46.368	46.450 46.525 46.687	45.650 45.650 45.903	44.560 44.635 45.485
FINISHED SURFACE	47.735 47.735	48.071 48.025	46.613 46.768	46.290 46.361
EXISTING SURFACE	47.925 47.749	47.737 47.386	46.684 46.770	46.554 46.250
PIPE CHAINAGE (Reach Length)	0.000 8.500 (8.500)	0.000 9.228 (9.228)	0.000 9.520 (9.520)	0.000 69.800 (69.800)

LEGEND:

- – – –EXISTING SURFACE PROFILE
- ———FINISHED SURFACE PROFILE
- —HGL—HYDRAULIC GRADE LINE

ALL PIPES TO BE CLASS 2 UNLESS SHOWN OTHERWISE
RRJ DENOTES RUBBER RING JOINTED
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INDICATES CRUSHED ROCK BACKFILL

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1:50 VER 1 0.5 00 1 2 4
1:500 HOR 10 5 00 10 20 40

VER	DATE	REMARKS
A	18.10.19	CONSTRUCTION ISSUE

AMENDMENTS

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land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
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MELWAY REF.	234 F1
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RIVERDALE VILLAGE
STAGE 21
DRAINAGE LONGITUDINAL SECTIONS

SCALE AS SHOWN | DATUM AHD | DATE OCT '18

MUNICIPALITY WYNDHAM

REFERENCE 8554 - E/21

SHEET 20 OF 22 | A

PIT SCHEDULE

PIT		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
50	END PIPE			450	42.600			44.578	1.978	Connect to Existing Pipe
51	JUNCTION PIT	600	900	375	42.924	450	42.849	45.007	2.159	Refer Drawing - EDCM 605
				300	42.999					
52	SIDE ENTY PIT - GRATED	600	900	375	43.262	375	43.187	45.325	2.138	Refer Drawing - EDCM 601
				300	43.941					
53	JUNCTION PIT	600	900	375	43.818	375	43.743	45.576	1.833	Refer Drawing - EDCM 605
54	SIDE ENTY PIT - GRATED	600	900	300	44.053	375	43.978	45.745	1.768	Refer Drawing - EDCM 601
				300	44.053					
55	JUNCTION PIT	600	900	300	45.278	300	45.203	47.227	2.024	Refer Drawing - EDCM 605
56	SIDE ENTY PIT - GRATED	600	900			300	45.622	47.553	1.930	Refer Drawing - EDCM 601
58	JUNCTION PIT	600	900	300	43.401	300	43.326	45.028	1.702	Refer Drawing - EDCM 605
59	DOUBLE SIDE ENTRY PIT - GRATED	600	900	300	43.537	300	43.462	45.004	1.543	Refer Drawing - EDCM 602
60	DOUBLE SIDE ENTRY PIT - GRATED	600	900	300	43.697	300	43.622	45.004	1.383	Refer Drawing - EDCM 602
61	SIDE ENTY PIT - GRATED	600	900	225	45.000	300	44.925	46.669	1.744	Refer Drawing - EDCM 601
				300	45.000					
62	JUNCTION PIT	600	900			225	46.368	47.241	0.874	Refer Drawing - EDCM 605
63	SIDE ENTY PIT - GRATED	600	900			300	43.941	45.280	1.339	Refer Drawing - EDCM 601
64	SIDE ENTY PIT - GRATED	600	900	300	44.247	300	44.172	45.745	1.573	Refer Drawing - EDCM 601
65	SIDE ENTY PIT - GRATED	600	900	300	44.635	300	44.56	46.29	1.73	Refer Drawing - EDCM 601
				225	44.635					
65A	JUNCTION PIT					225	45.485	46.361	0.876	Refer Drawing - EDCM 605
66	JUNCTION PIT	600	900	300	44.857	300	44.782	46.842	2.06	Refer Drawing - EDCM 605
										Install Class 'D' Heavy Duty Cover
66A	JUNCTION PIT	600	900	300	44.983	300	44.908	46.955	2.047	Refer Drawing - EDCM 605
										Install Class 'D' Heavy Duty Cover & Gully Grate
67	JUNCTION PIT					300	46.136	47.341	1.205	Refer Drawing - EDCM 605
										Install Class 'D' Heavy Duty Cover
68	END PIPE			825	43.900			46.427	2.527	Connect to Existing Pipe
69	GRATED ENTRY PIT	1000	900	825	44.026	825	43.951	46.544	2.593	VICROADS SD 1322 E (Haunched)
70	SIDE ENTY PIT - GRATED	1200	900	825	44.707	825	44.632	47.051	2.419	VICROADS SD 1322 E (Haunched)
				300	45.743					
71	DOUBLE SIDE ENTRY PIT - GRATED	1000	900	675	44.976	825	44.826	47.146	2.320	VICROADS SD 1322 E (Haunched)
				375	45.276					
72	END PIPE					675	45.568	47.712	2.144	Cap End for Future Connection
73	SIDE ENTY PIT - GRATED	600	900			300	45.874	47.240	1.367	Refer Drawing - EDCM 601
74	SIDE ENTY PIT - GRATED	600	900			300	45.285	46.669	1.384	Refer Drawing - EDCM 601
77	DOUBLE SIDE ENTRY PIT - GRATED	600	900	375	45.394	375	45.319	47.144	1.825	Refer Drawing - EDCM 602
78	SIDE ENTY PIT - GRATED	600	900	375	45.605	375	45.530	47.360	1.830	Refer Drawing - EDCM 601
79	SIDE ENTY PIT - GRATED	600	900	300	46.055	375	45.980	47.735	1.755	Refer Drawing - EDCM 601
				300	46.283					
80	JUNCTION PIT	600	900	300	46.366	300	46.291	47.956	1.665	Refer Drawing - EDCM 605
										Install Class 'D' Heavy Duty Cover
81	SIDE ENTY PIT - GRATED	600	900	300	46.525	300	46.450	48.071	1.621	Refer Drawing - EDCM 601
				300	46.525					
82	END PIPE					300	46.745	48.272	1.527	Cap End for Future Connection
83	SIDE ENTY PIT - GRATED	600	900			300	46.368	47.735	1.366	Refer Drawing - EDCM 601
84	SIDE ENTY PIT - GRATED	600	900			300	46.687	48.025	1.337	
85	END PIPE			225	45.650			46.613	0.963	Connect to Existing Pipe
86	JUNCTION PIT	600	900			225	45.903	46.768	0.865	Refer Drawing - EDCM 601

B

AMENDMENTS

VER.	DATE	REMARKS
B	22.01.21	PIT 80 LID TYPE AMENDED
A	18.10.19	CONSTRUCTION ISSUE

breese pitt dixon pty. ltd.
land surveyors civil engineers
1/19 cato street
hawthorn east, 3123
telephone 8823 2300
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SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE
STAGE 21
PIT SCHEDULE

MUNICIPALITY WYNDHAM
REFERENCE 8554 - E/21

SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 21 OF 22 | B

PLAN
SCALE 1:500

LEGEND

NOTIONAL CAR PARKING SPACES

SIGNAGE LEGEND

- A — STREET SIGN (DOUBLE OR SINGLE)
- B — MR-HM-1
- C — NO THROUGH ROAD — G9-18
- D — D4-1-3 (LEFT)
- E — D4-1-3 (RIGHT)
- F — D4-5
- G — ON BIN COLLECTION DAYS — NO STOPPING ON BIN COLLECTION DAY SIGN

NOTES

a) ALL SIGNS TO BE SLEEVED USING A SL27 SLEEVE.

b) ⊡⊟ ⊟⊡⊟ INDICATES UNIDIRECTIONAL & BIDIRECTIONAL RRPM'S PLACED AT 6.00m CTS

c) SWLM - INDICATES SOLID WHITE "LONGLIFE" LINE MARKING
BWLM - INDICATES BROKEN WHITE "LONGLIFE" LINE MARKING

d) HAZARD / DIRECTIONAL TGSI'S SHOWN THUS ⊡ / ⊟ AND FOOTPATH RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STD DWGS SD2031 TO SD2035. TGSI'S SHALL CONFORM TO AS1428.4

e) STREET SIGNS TO HAVE MINIMUM 2 WEDGES IN THE SLEEVES

f) STREET SIGNS TO BE MOUNTED ON STREET LIGHT POLES WHERE POSSIBLE

1:500 10 5 00 10 20 40

AMENDMENTS			
B	22.01.21	DRIVEWAYS ALONG KAPS LANE & LOTS 2112 - 2114 AMENDED	
A	18.10.19	CONSTRUCTION ISSUE	
VER.	DATE	REMARKS	

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MELWAY REF. 234 F1
SURVEY BPD
DESIGN JGB
DRAWN IMW
CHECKED CH

RIVERDALE VILLAGE STAGE 21
SIGNAGE AND LINEMARKING

MUNICIPALITY: WYNDHAM
REFERENCE: 8554 - E/21
SCALE AS SHOWN | DATUM AHD | DATE OCT '18 | SHEET 22 OF 22 | B