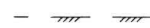





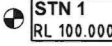
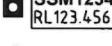










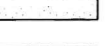
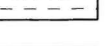
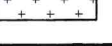
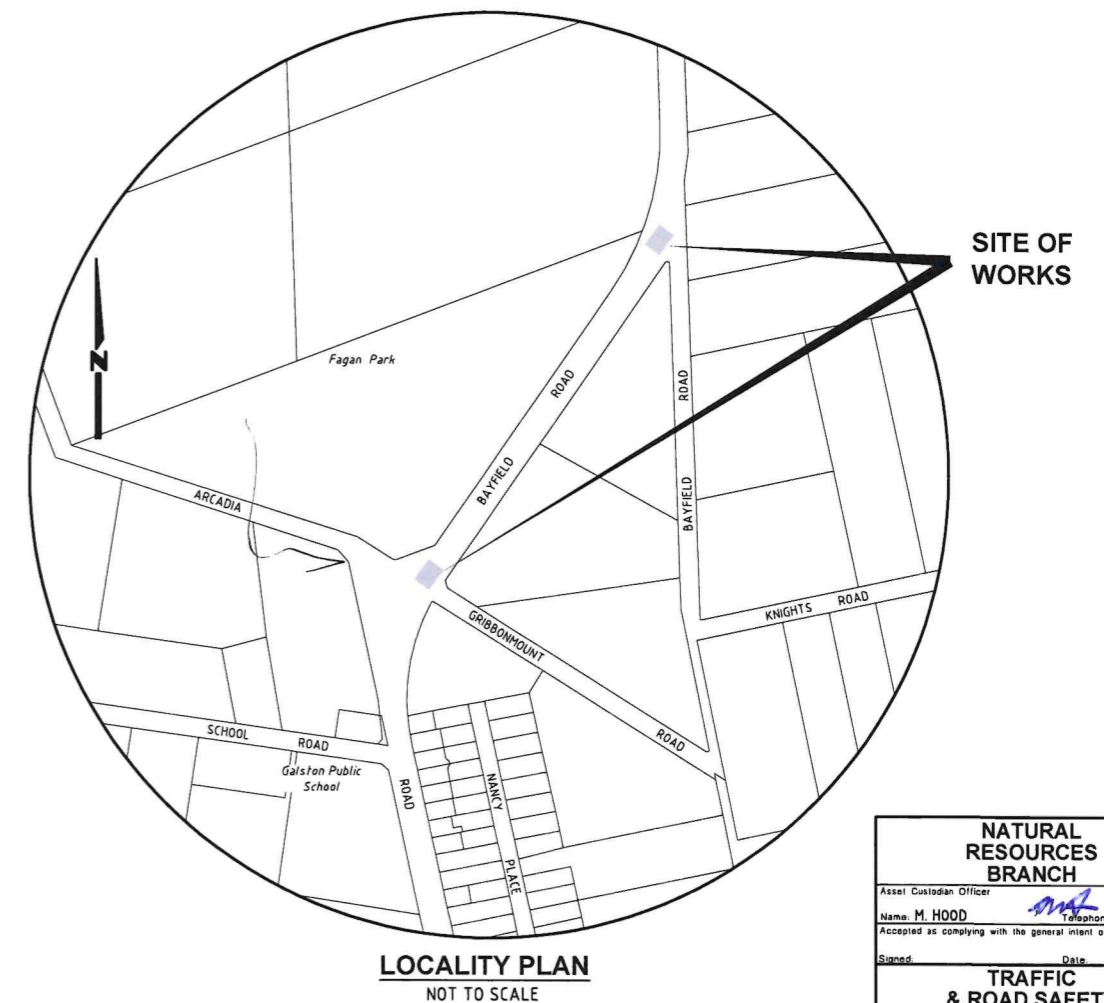


BAYFIELD ROAD, GALSTON PROPOSED INTERSECTION IMPROVEMENTS

LEGEND

-  EXISTING EDGE OF BITUMEN.
-  EXISTING FENCE.
-  EXISTING TOP OF BANK.
-  EXISTING TABLE DRAIN.
-  EXISTING POWER POLE.
-  EXISTING TREE/TREE DEAD OR TO BE REMOVED.
-  SURVEY TRAVERSE STATION.
STN 1
RL 100.000
-  STATE SURVEY MARK.
SSM12345
RL123.456
-  SURVEY REFERENCE MARKS - DRILL HOLE & WING/GALVANISED IRON PIPE.
DH&W GIP
-  EXISTING FIRE HYDRANT.
HYD
-  EXISTING WATER STOP VALVE.
SV
-  EXISTING TELSTRA PIT.
TP
-  EXISTING U/G OPTUS CABLES.
-  EXISTING U/G TELSTRA CABLES.
-  EXISTING U/G ELECTRICAL CABLES.
-  EXISTING OVERHEAD ELECTRICAL CABLES.
-  EXISTING WATER MAIN.
W
-  PROPOSED EDGE OF PAVEMENT.
-  EXTENT OF NEW PAVEMENT CONSTRUCTION (REFER TO TYPICAL SECTION ON SHEET No.2 FOR DETAILS).
-  EXTENT OF PAVEMENT PROFILING TO SUIT FINISHED DESIGN LEVELS.
-  EXTENT OF PAVEMENT RECONSTRUCTION TO SUIT NEW DESIGN LEVELS.

DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LEGEND & LOCALITY SKETCH.	1
2	PROJECT NOTES, TYPICAL SECTION & PAVEMENT DETAILS.	1
3	GENERAL WORKS & SERVICES PLAN - SHEET 1 OF 2.	1
4	GENERAL WORKS & SERVICES PLAN - SHEET 2 OF 2.	1
5	LONGITUDINAL SECTIONS - CL2 & CL1A.	1
6	LONGITUDINAL SECTIONS - CL3 & CL1B.	1
7	SETOUT PLAN 1 & DETAILS.	1
8	SETOUT PLAN 2 & DETAILS.	1
9	CROSS SECTIONS CL1A & CL2.	1
10	CROSS SECTIONS CL1B.	1
11	CROSS SECTIONS CL3.	1



NATURAL RESOURCES BRANCH	
Asset Custodian Officer	<i>[Signature]</i>
Name: M. HOOD	Telephone: 9847 6008
Accepted as complying with the general intent of the design brief	
Signed:	Date:
TRAFFIC & ROAD SAFETY BRANCH	
Senior Traffic Engineer	<i>[Signature]</i>
Name: R. ZARZYCKI	Telephone: 9847 6844
Accepted as complying with the general intent of the design brief	
Signed:	Date:
ASSET MANAGEMENT & MAINTENANCE BRANCH	
Senior Asset Engineer	<i>[Signature]</i>
Name: A. BOYD	Telephone: 9847 6672
Accepted as complying with the general intent of the design brief	
Signed:	Date:

**Hornsby Shire Council
Design & Construction Branch**
TELEPHONE (02) 9847 5856
EMAIL: hsc@hornsby.nsw.gov.au

Designer: S. COMISH
Signed: *[Signature]*
Drawn: A. MAXWELL
Signed: *[Signature]*
Surveyor: J. HART
Field Book: NA, Level Book: NA, Datum: GDA94
Project Identifier: \\CAD File Name
H:\Bayfield Rd_LR_101682\DESIGN\ACAD\Bayfield.dwg
TRIM Document Number: D09010118

Design Checked	Design Team Leader	Bar Scales
Signed: <i>[Signature]</i>		AS SHOWN
Drawn: <i>[Signature]</i>		
Signed: <i>[Signature]</i>		
Field Book: NA	Level Book: NA	Datum: GDA94
Issue: 1	Description: ISSUED FOR CONSTRUCTION	Name: D. TAMANG, Initial: DT, Date: 20/12/25
Design not to be amended without authorisation by Manager Design & Construction		

Bar Scales
AS SHOWN
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY



**BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS**
DRAWING SCHEDULE, LEGEND & LOCALITY SKETCH

Project Number	101719	
Sheet	1 of 11	Issue 1
HSC Drawing Number	967.9	

GENERAL NOTES:

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL & TRANSPORT FOR NSW.
2. LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCHMARKS & NOT FROM SURVEY PEGS.
3. PROVIDE TRAFFIC MANAGEMENT, LINE MARKING & SIGNAGE IN ACCORDANCE WITH THE TfNSW "TRAFFIC CONTROL AT WORK SITES" TECHNICAL MANUAL & AS1742.3 REQUIREMENTS.
4. SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED BY RELEVANT AUTHORITIES VIA A "BEFORE YOU DIG AUSTRALIA" ENQUIRY. THE LOCATION OF SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES & FIELD INVESTIGATIONS. THESE LOCATIONS ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
5. EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION: "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
6. ALL DISTURBED AREAS OF THE SITE ARE TO BE REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE UPON COMPLETION OF THE WORKS.
7. WHERE WORKS ARE ADJACENT TO EXISTING STRUCTURES, UNDERTAKE A DILAPIDATION SURVEY OF EXISTING ADJACENT STRUCTURES BEFORE COMMENCING ANY WORKS.
8. IF SET-OUT IS REQUIRED BY HORNSBY SHIRE COUNCIL DESIGN & CONSTRUCTION BRANCH SURVEYOR, NOTIFY THE ENGINEERING SURVEYOR A MINIMUM OF 24 HOURS IN ADVANCE.

ACCESS & SAFETY NOTES:

1. THE CONSTRUCTOR SHALL COMPLY WITH ALL STATUTORY & INDUSTRIAL REQUIREMENTS FOR PROVISION OF A SAFE WORKING ENVIRONMENT INCLUDING TRAFFIC CONTROL.
2. THE CONSTRUCTOR SHALL PROVIDE TRAFFIC MANAGEMENT PLANS FOR THE PROPOSED WORKS COMPLETED BY A SUITABLY QUALIFIED PERSON & APPROVED BY COUNCIL/REGULATORY AUTHORITY. WORK IS NOT TO COMMENCE ON SITE PRIOR TO APPROVAL OF TRAFFIC MANAGEMENT SCHEME.
3. THE CONSTRUCTOR SHALL ENSURE THAT AT ALL TIMES ACCESS TO BUILDINGS/RESIDENCES ADJACENT TO THE WORKS IS NOT DISRUPTED.
4. WHERE NECESSARY THE CONSTRUCTOR SHALL PROVIDE SAFE PASSAGE OF VEHICLES AND/OR PEDESTRIANS THROUGH OR BY THE SITE.
5. THE CONSTRUCTOR SHALL ENSURE PUBLIC ACCESS EXTERNAL TO THE SITE IS IN ACCORDANCE WITH COUNCIL REQUIREMENTS.

DRAINAGE NOTES:

ALL EXISTING TAIL-OUT OR MITRE DRAINS TO BE MAINTAINED & SHALL:

1. HAVE A PARABOLIC OR TRAPEZOIDAL SHAPE, NOT 'V' SHAPED PROFILE;
2. HAVE A GRADE OF BETWEEN 2% & 5% TO ENCOURAGE SEDIMENT TO SETTLE & DEPOSIT;
3. BE AS SHORT AS POSSIBLE;
4. KEEP WATER VOLUME TO A MINIMUM BY SPLITTING RUNOFF AT REGULAR INTERVALS. SPACING SHOULD NOT EXCEED 50m;
5. SHOULD NOT DISCHARGE BACK INTO ROAD DRAINAGE SYSTEM; &
6. OUTLET TO BE EVEN, BROAD & DISCHARGE INTO STABLE AREAS.

SEDIMENT & EROSION CONTROL NOTES:

1. NO WORK SHALL BE UNDERTAKEN UNTIL ALL SEDIMENT & EROSION CONTROL MEASURES ARE IN PLACE & HAVE BEEN APPROVED BY THE CONSTRUCTION ENGINEER.
2. ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED BY THE SITE SUPERVISOR ON A DAILY BASIS & SIGNED OFF ON THE BACK OF THE DAY SHEET. A CHECKLIST SHALL BE HANDED OVER TO THE PROJECT MANAGER AT THE END OF EACH DAY. STRUCTURES WILL ALSO BE INSPECTED AFTER EACH RAINFALL EVENT FOR STRUCTURAL DAMAGE & ALL TRAPPED SEDIMENT TO BE REMOVED TO A NOMINATED SOIL STOCKPILE SITE. THE CONSTRUCTION ENGINEER MUST INFORM ALL CONTRACTORS & SUB-CONTRACTORS OF THEIR OBLIGATIONS UNDER THE EROSION CONTROL PLAN.
3. SELECTIVE CLEARING OF VEGETATION TO BE RESTRICTED TO NOMINATED AREAS WITH CLEARED VEGETATION WINDROWED ON THE CONTOUR.
4. TREES NEAR THE CONSTRUCTION ZONE NOT OTHERWISE PROTECTED BY FENCING SHALL BE PROTECTED IN ACCORDANCE WITH AS4970 SECTION 4.5. ALTERNATIVE PROTECTION MEASURES SATISFYING THE PROJECTS ABORIST'S REQUIREMENTS IS ACCEPTABLE. TRUNK PROTECTION SHOULD BE MAINTAINED INTACT UNTIL THE COMPLETION OF ALL WORK ON THE SITE. ALL TREES REQUIRING REMOVAL ARE SHOWN ON THIS PLAN & SHALL BE MARKED ACCORDINGLY PRIOR TO REMOVAL.
5. TOPSOIL FROM AREAS THAT WILL BE DISTURBED TO BE STRIPPED & STOCKPILED AT THE NOMINATED SITE.
6. A MINIMUM STOCK OF THE FOLLOWING SHALL BE KEPT ON SITE AT ALL TIMES:
(A) 50m ROLL OF SEDIMENT FENCE & PEGS.
(B) 50m ROLL OF BIDIM GEOTEXTILE.
7. ANY DISTURBED AREA OF LAND SHALL BE COMPACTED AT THE END OF EACH WORKING DAY & BEFORE ANY STORM EVENT.
8. CONSTRUCTION AREA IS TO BE LIMITED AS SHOWN TO MINIMISE DISTURBANCE.
9. SEDIMENT FENCING SHALL BE PLACED AROUND ANY STOCKPILE AREA.
10. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION:- "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
11. ALL DISTURBED AREAS SHALL BE TURFED WITHIN 14 DAYS OF FINAL TRIMMING.

ABORIGINAL ARTIFACT NOTES:

1. AN AHIMS WEB SEARCH HAS BEEN UNDERTAKEN FOR THIS PROJECT (REF: 926963 -3rd SEPTEMBER 2024, TRIM DOCUMENT# D08967128). NO ARTIFACTS WERE IDENTIFIED. SHOULD ANY POTENTIAL ARTIFACTS BE UNCOVERED THEY ARE NOT TO BE REMOVED FROM THE SITE & SHALL BE IMMEDIATELY REPORTED TO COUNCIL'S PROJECT MANAGER.

SIGNS & LINE MARKING NOTES

1. SIGNS TO BE INSTALLED IN ACCORDANCE WITH AS1742.2 -MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED / RELOCATED OR REUSED TO SUIT NEW WORK.
3. ALL NEW LINE MARKING TO WHITE THERMOPLASTIC PAINT UNLESS NOTED OTHERWISE. & SHALL BE SPOTTED OUT & APPROVED PRIOR TO APPLICATION.
4. THE LOCAL AREA TRAFFIC COMMITTEE (LTC) HAS APPROVED THIS DESIGN PROPOSAL - REF: LTC 17/2007 TRIM FOLDER F2006/00098 DOCUMENT# D00697591.

GEOTECH NOTES:

1. A GEO-TECHNICAL INVESTIGATION HAS BEEN UNDERTAKEN FOR THE EXISTING ROAD AT BOTH INTERSECTIONS & BASED ON THIS INFORMATION THE PAVEMENT DETAILS SHOWN BELOW IS PROPOSED. THE FULL REPORT CAN BE FOUND IN COUNCIL'S DOCUMENT MANAGEMENT SYSTEM AS TRIM DOCUMENT # D09035079.

NOTES FROM NATURAL RESOURCES BRANCH:

THE FOLLOWING INFORMATION CAN BE FOUND IN COUNCIL TRIM DOCUMENT# D09026715 F2006/00435.

VEGETATION ALONG BAYFIELD ROAD IS CHARACTERISTIC OF SYDNEY TURPENTINE IRONBARK FOREST WHICH IS LISTED AS A CRITICALLY ENDANGERED ECOLOGICAL COMMUNITY UNDER THE NSW BIODIVERSITY CONSERVATION ACT 2016.

SPECIES OBSERVED AT THE SOUTHERN INTERSECTION IS DOMINATED BY EXOTIC SPECIES WITH SOME NATIVE SPECIES: EXOTICS - LARGE-LEAF PRIVET (*Ligustrum lucidum*), SMALL-LEAF PRIVET (*L. sinense*) CAMPHOR LAUREL, CONTONEASTER SP., NATIVE - SWEET PITTOSPORUM (*Pittosporum undulatum*), INDIGOFERA AUSTRALIS, BLACKTHORN (*Bursaria spinosa*), WHITE STRINGYBARK (*Eucalyptus globoidea*).

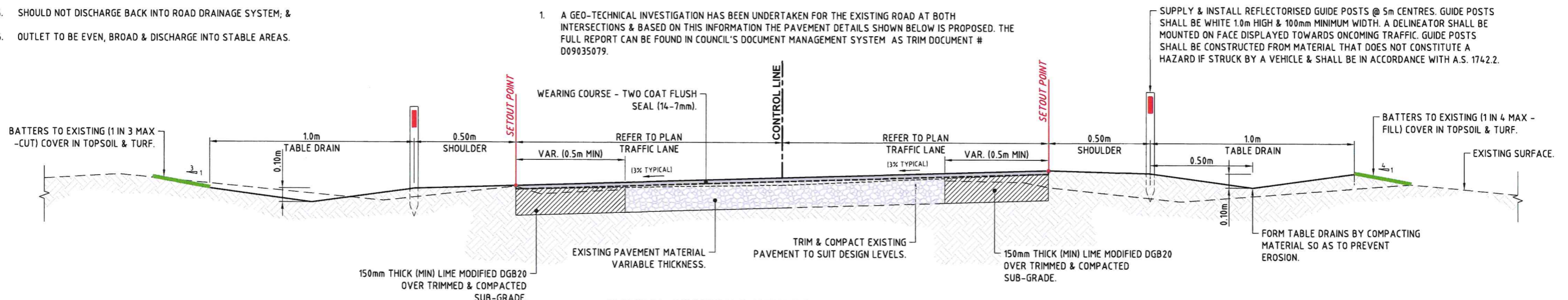
THE WORKS & IMPACTS ARE CONSIDERED MINOR WITH MOSTLY EXOTIC SPECIES BEING IMPACTED & A FEW OF THE NATIVE SPECIES IN A STATE OF RE-GROWTH FROM PAST DISTURBANCE. STRINGYBARK TREES ARE ADJACENT TO THE WORKS AREA ON GRIBBENMOUNT ROAD & SHOULD HAVE SUFFICIENT ROOT & TRUNK PROTECTION PROVIDED DURING CONSTRUCTION.

SPECIES OBSERVED AT THE NORTHERN INTERSECTION INCLUDE: EXOTIC - ASPARAGUS FERN (*Asparagus aethiopicus*), *Ochna serrulata*, NATIVE - WONGA VINE (*Pandorea pandorana*), BLACKTHORN (*Bursaria spinosa*), PURPLE CORAL PEA (*Hardenbergia violacea*), GLYCINE CLANDESTINA, ACACIA DECURRENS, SWEET PITTOSPORUM (*Pittosporum undulatum*), ROUGH-FRUIT PITTOSPORUM (*P. revolutum*), PRICKLY BEARD-HEATH (*Leucopogon juniperinus*), TURPENTINE (*Syncarpia glomulifera*), CALLITRIS SP., ELDERBERRY PANAX (*Polyscias sambucifolia*), HOP BUSH (*Dodonaea triquetra*), PRICKLY MOSES (*Acacia ulicifolia*), WIRY PANIC (*Entolasia stricta*), MAEKAWAEA RHYTIDIPHYLLA. THERE ARE ALSO SEVERAL FOREST RED GUMS (*Eucalyptus tereticornis*) THROUGHOUT THE VEGETATION WHICH MAY BE IMPACTED BY THE PROPOSED WORKS. ONE FOREST RED GUM WILL REQUIRE REMOVAL, IT HAS PREVIOUSLY BEEN LOPPED & IN POOR CONDITION.

TO ENSURE THAT WORKS ARE UNDERTAKEN IN A SENSITIVE MANNER WITH REGARDS TO THE STIF VEGETATION COMMUNITY PLEASE ENSURE THAT ADVICE IS SOUGHT FROM COUNCIL'S TREE MANAGEMENT TEAM FOR APPROPRIATE TREE PROTECTION MEASURES. IT SHOULD BE NOTED THAT ANY FURTHER IMPACTS ON THIS VEGETATION BEYOND THAT PROPOSED ON THE ASSOCIATED PLANS WILL REQUIRE SEPARATE ASSESSMENT & APPROVAL.

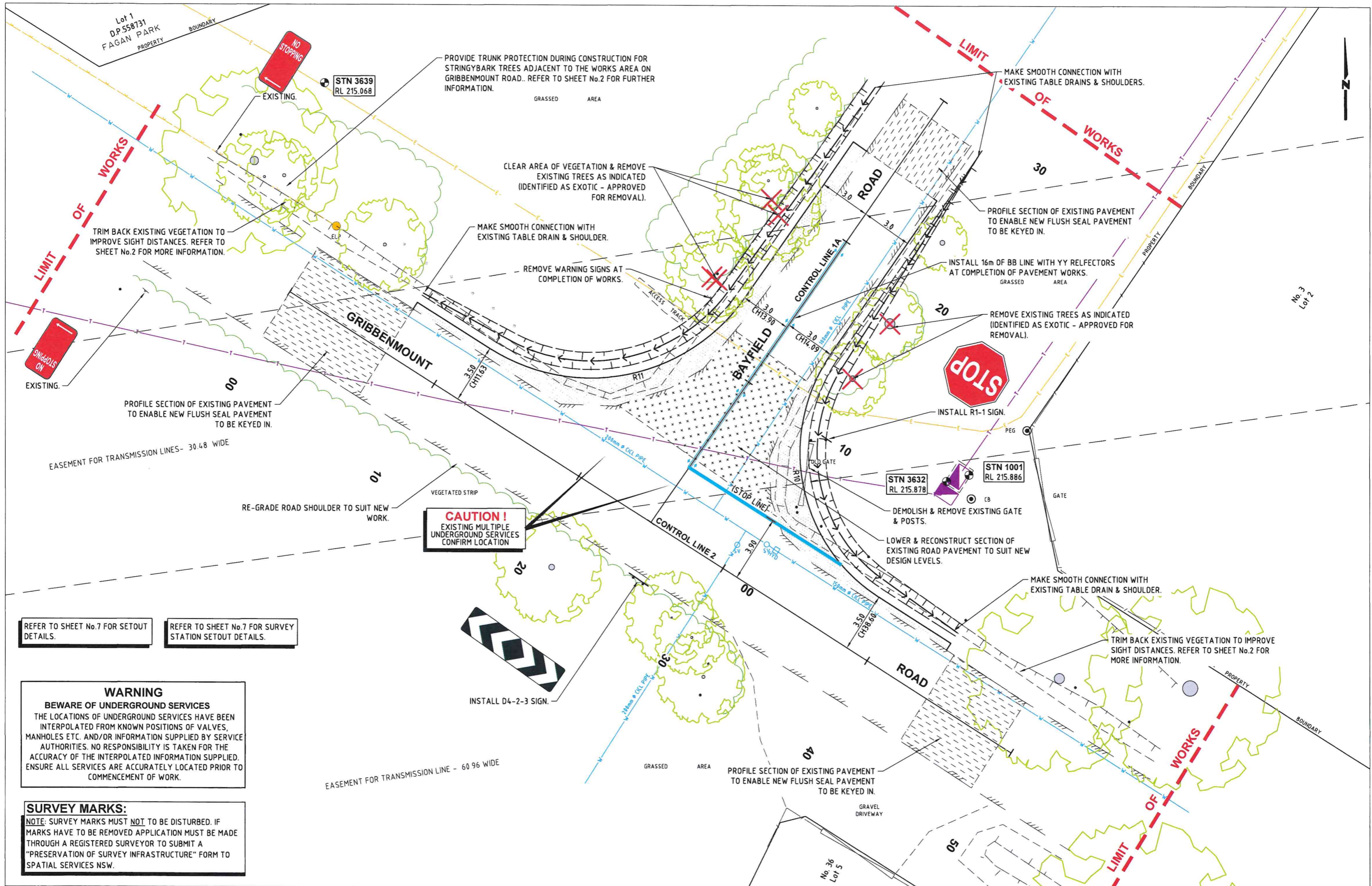
IF ADDITIONAL WORKS ARE REQUIRED SEEK FURTHER INFORMATION & ADVICE CONTACT FROM COUNCIL'S NATURAL RESOURCES BRANCH VIA THE DETAILS BELOW.

CONTACT: MARK HOOD Ph:9847 6008



TYPICAL SECTION & NEW ROAD PAVEMENT DETAIL
NOT TO SCALE

Hornsby Shire Council Design & Construction Branch TELEPHONE: (02) 9847 6666 EMAIL: hsc@hornsby.nsw.gov.au Authorised for release - Manager Design & Construction Name: K.HAYDEN (Acting) Signed: K.H. Date: 19/1/25	Designer: S. COMISH Drawn: A. MAXWELL Surveyor: J. HART Project Identifier \ CAD File Name: H:\Bayfield Rd_LR_101682\DESIGN\CAD\Bayfield.dwg TRM Document Number: D09010118	Design Checked-Design Team Leader: [Signature] Signed: [Signature] Drawing Checked: [Signature] Signed: [Signature]	Field Book: NA Level Book: NA Datum: GDA94	Issue: 1 Description: ISSUED FOR CONSTRUCTION Name: D. TAMANG Initial: DT Date: 9/1/25	Bar Scales: NOT TO SCALE DO NOT SCALE, USE FIGURED DIMENSIONS ONLY	 HORNSBY SHIRE COUNCIL PO BOX 37, HORNSBY NSW 1630	BAYFIELD ROAD, GALSTON PROPOSED INTERSECTION IMPROVEMENTS PROJECT NOTES, TYPICAL SECTION & PAVEMENT DETAILS	Project Number: 101719 Sheet: 2 of 11 Issue: 1 HSC Drawing Number: 967.9
	Design not to be amended without authorisation by Manager Design & Construction							



REFER TO SHEET No.7 FOR SETOUT DETAILS.

REFER TO SHEET No.7 FOR SURVEY STATION SETOUT DETAILS.

WARNING
BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES HAVE BEEN INTERPOLATED FROM KNOWN POSITIONS OF VALVES, MANHOLES ETC. AND/OR INFORMATION SUPPLIED BY SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.

SURVEY MARKS:
 NOTE: SURVEY MARKS MUST NOT BE DISTURBED. IF MARKS HAVE TO BE REMOVED APPLICATION MUST BE MADE THROUGH A REGISTERED SURVEYOR TO SUBMIT A "PRESERVATION OF SURVEY INFRASTRUCTURE" FORM TO SPATIAL SERVICES NSW.

CAUTION!
 EXISTING MULTIPLE UNDERGROUND SERVICES CONFIRM LOCATION

Hornsby Shire Council
Design & Construction Branch
 TELEPHONE (02) 9847 6666
 EMAIL: hsc@hornsby.nsw.gov.au

Designer S. COMISH	Design Checked-Design Team Leader Signed	
Drawn A. MAXWELL	Drawing Checked	
Surveyor J. HART	Field Book	NA
Project Identifier\ACAD File Name H:\Bayfield Rd_LR_101682\DESIGN\ACAD\Bayfield.dwg	Level Book	NA
TRM Document Number D09010118	Datum	GDA94

Issue	1	ISSUED FOR CONSTRUCTION	D. TAMANG	PT	9/1/25
		Description	Name	Initial	Date

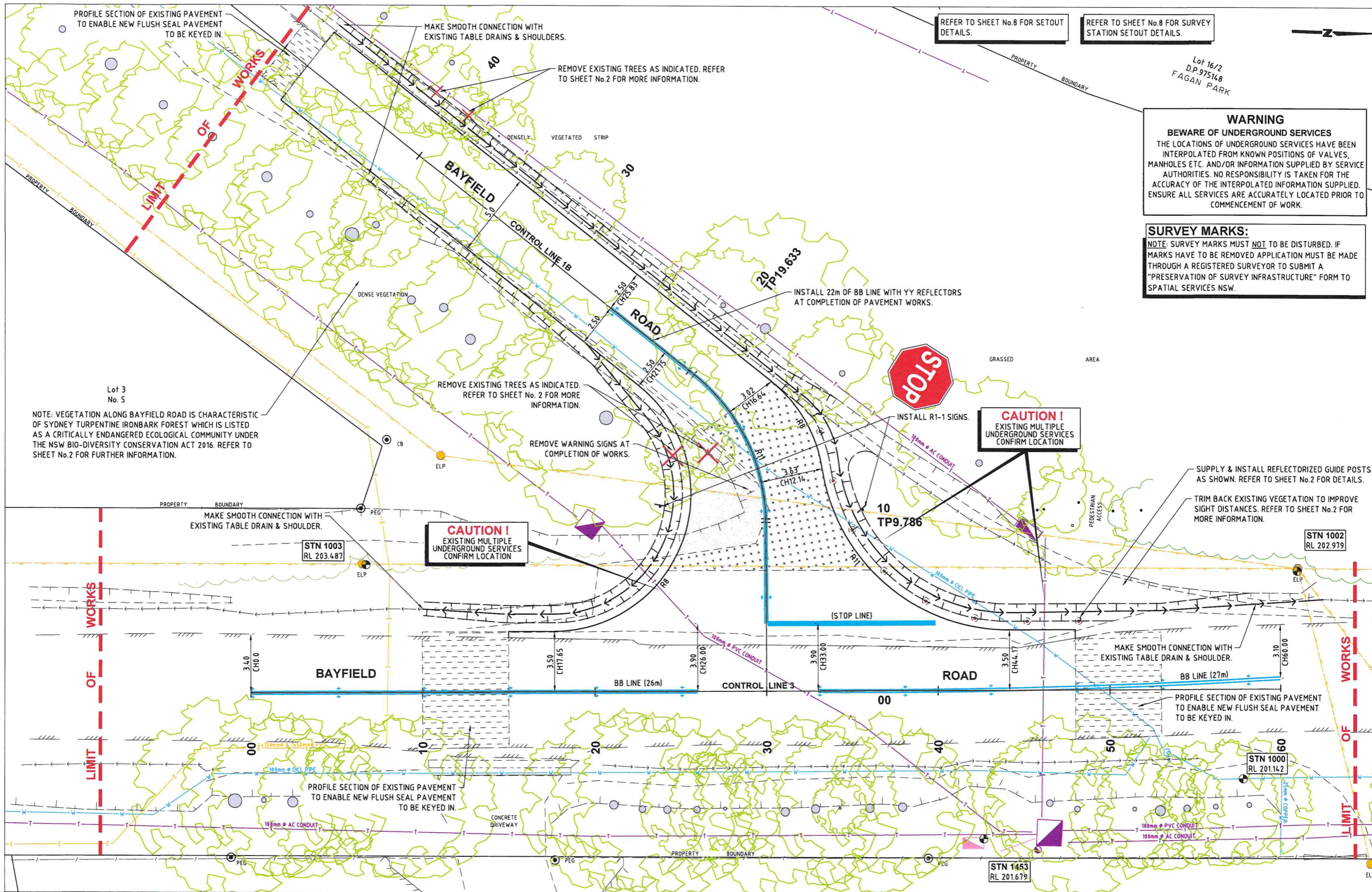
Design not to be amended without authorisation by Manager Design & Construction

Bar Scales
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 SCALE 1:100
 @ A1
 DO NOT SCALE, USE FIGURED DIMENSIONS ONLY



BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS
 GENERAL WORKS & SERVICES PLAN - SHEET 1 OF 2

Project Number	101719		
Sheet	3	of	11
Issue			1
HSC Drawing Number	967.9		



REFER TO SHEET No.8 FOR SETOUT DETAILS.

REFER TO SHEET No.8 FOR SURVEY STATION SETOUT DETAILS.

Lot 16/2
D.P.975148
FAGAN PARK

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES HAVE BEEN INTERPOLATED FROM KNOWN POSITIONS OF VALVES, MANHOLES ETC. AND/OR INFORMATION SUPPLIED BY SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.

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NOTE: VEGETATION ALONG BAYFIELD ROAD IS CHARACTERISTIC OF SYDNEY TURPENTINE IRONBARK FOREST WHICH IS LISTED AS A CRITICALLY ENDANGERED ECOLOGICAL COMMUNITY UNDER THE NSW BIO-DIVERSITY CONSERVATION ACT 2016. REFER TO SHEET No.2 FOR FURTHER INFORMATION.

CAUTION!
EXISTING MULTIPLE UNDERGROUND SERVICES CONFIRM LOCATION

CAUTION!
EXISTING MULTIPLE UNDERGROUND SERVICES CONFIRM LOCATION

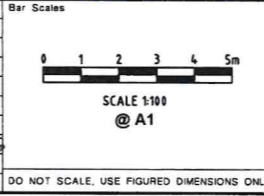
SUPPLY & INSTALL REFLECTORIZED GUIDE POSTS AS SHOWN. REFER TO SHEET No.2 FOR DETAILS.

TRIM BACK EXISTING VEGETATION TO IMPROVE SIGHT DISTANCES. REFER TO SHEET No.2 FOR MORE INFORMATION.

Hornsby Shire Council
Design & Construction Branch
TELEPHONE 1021 9847 6666
EMAIL: hsc@hornsby.nsw.gov.au

Designer K.ROM	Design Checked-Design Team Leader Signed: <i>[Signature]</i>
Drawn A. MAXWELL	Drawing Checked Signed: <i>[Signature]</i>
Surveyor J. HART	Field Book Level Book Datum NA NA GDA94
Project Identifier \ CAD File Name H:\Bayfield Rd_LR_101682\DESIGN\ACAD\Bayfield.dwg	
TRIM Document Number D09010118	

1	ISSUED FOR CONSTRUCTION	D. TAMANG	DT	7/11/25
	Description	Name	Initial	Date
Design not to be amended without authorisation by Manager Design & Construction				



BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS
GENERAL WORKS & SERVICES PLAN - SHEET 2 OF 2

Project Number 101719
Sheet of 4 11
Issue 1
HSC Drawing Number 967.9

Horizontal Geometry Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

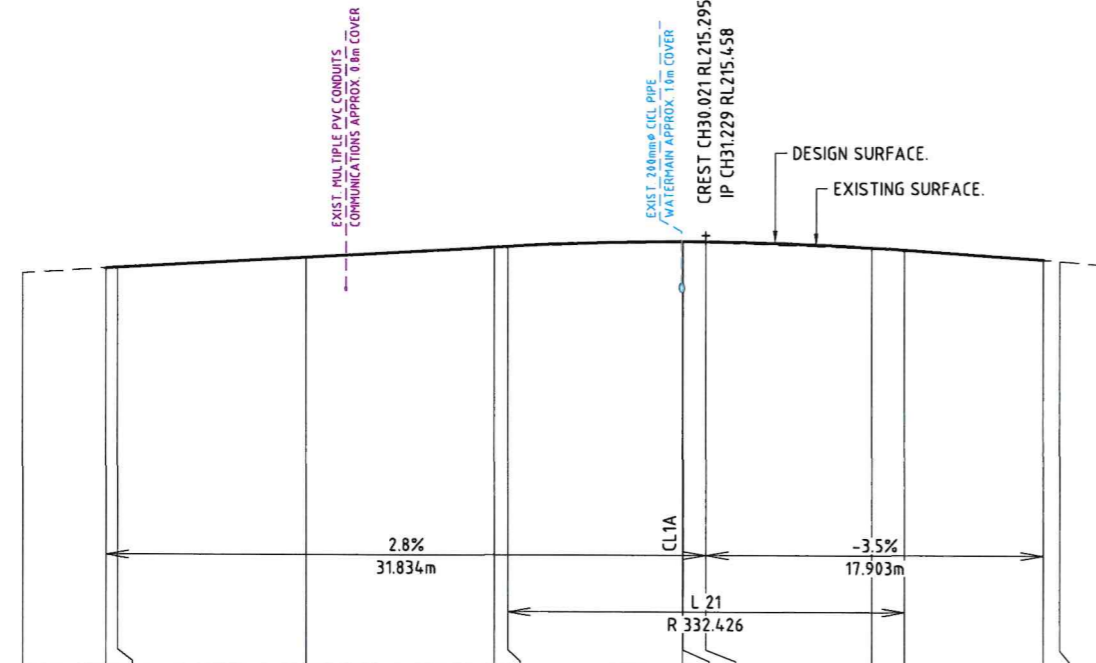
DATUM R.L. 204.000

CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
-0.000	214.568	214.568	-0.605
0.004	214.585	214.581	0
0.027	214.865	214.838	10
0.021	215.144	215.123	20
0.022	215.165	215.143	20.729
0.033	215.295	215.261	30
0.033	215.295	215.261	30.021
0.030	215.292	215.262	31.229
0.019	215.145	215.126	4.0
0.013	215.088	215.075	4.1729
0.000	214.828	214.828	4.9132
	214.792	214.792	5.0

LONGITUDINAL SECTION - ALIGN CL2 (GRIBBENMOUNT RD)

SCALE 1:200 HOR
1:100 VERT

BAYFIELD RD



Horizontal Geometry Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

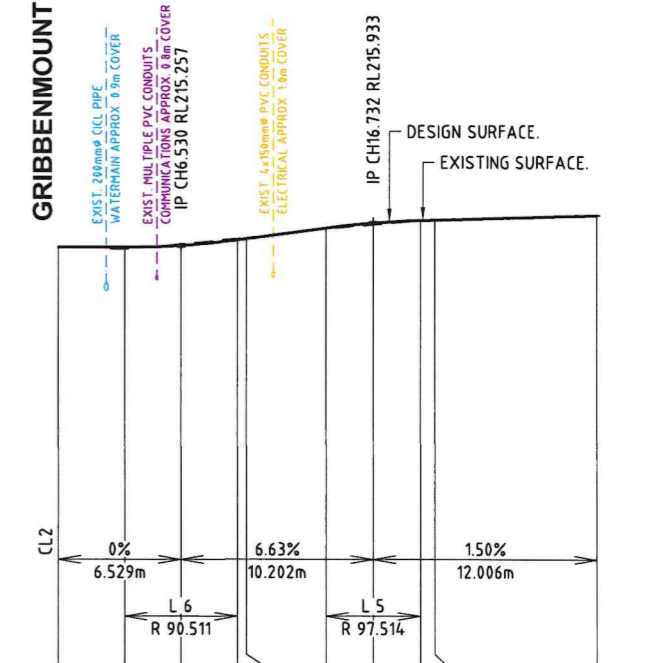
DATUM R.L. 204.000

CUT / FILL DEPTH TO EXISTING	CONTROL LINE FINISHED LEVEL	EXISTING SURFACE LEVEL	CONTROL LINE CHAINAGE
0.024	215.257	215.233	0
0.046	215.257	215.211	3.53
-0.041	215.307	215.348	6.53
-0.041	215.456	215.496	9.53
-0.033	215.487	215.520	10
0.030	215.767	215.737	14.232
0.051	215.901	215.850	16.732
0.006	215.971	215.965	19.232
0.000	215.982	215.982	20
0.000	216.113	216.113	28.738
	216.113	216.113	30

LONGITUDINAL SECTION - ALIGN CL1A (BAYFIELD RD)

SCALE 1:200 HOR
1:100 VERT

GRIBBENMOUNT RD



Hornsby Shire Council
Design & Construction Branch

TELEPHONE (02) 9847 6666
EMAIL: hsc@hornsby.nsw.gov.au

Authorised for release - Manager Design & Construction
Name: K.HAYDEN
Signed: *K.H.*
Date: 14/1/25

Designer S. COMISH	Design Checked <i>[Signature]</i>	Team Leader
Drawn A. MAXWELL	Drawing Checked	
Surveyor J. HART	NA	NA
Field Book	NA	GDA94
Datum		
Project Identifier \ CAD File Name H:\Bayfield Rd_LR_101682\DESIGN\CAD\Bayfield.dwg		
TRM Document Number D09010118	Issue 1	Description ISSUED FOR CONSTRUCTION
	Name D. TAMANG	Initial DT
	Date 9/1/25	

Bar Scales
0 1 2 3 4 5m V
0 2 4 6 8 10m H
SCALE 1:100 VERTICAL
1:200 HORIZONTAL
@ A1

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

Design not to be amended without authorisation by Manager Design & Construction

HORNSBY SHIRE COUNCIL
PO BOX 37, HORNSBY NSW 1830

BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS

LONGITUDINAL SECTIONS - CL2 & CL1A

Project Number 101719	Sheet of 5 of 11	Issue 1
HSC Drawing Number 967.9		

Horizontal Geometry Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.190.000

CUT / FILL DEPTH TO EXISTING											
CONTROL LINE FINISHED LEVEL	201.331	201.472	201.489	201.481	201.471	201.332	201.159	201.060	200.969	200.750	
EXISTING SURFACE LEVEL	201.331	201.448	201.422	201.396	201.379	201.273	201.142	201.057	200.969	200.750	
CONTROL LINE CHAINAGE	0	10	20	25.033	28.374	30	40	46.748	50	53	60

LONGITUDINAL SECTION - ALIGN CL3 (BAYFIELD RD)

SCALE 1:200 HOR
1:100 VERT

Horizontal Geometry Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L.191.000

CUT / FILL DEPTH TO EXISTING													
CONTROL LINE FINISHED LEVEL	201.471	201.471	201.488	201.523	201.526	201.538	201.708	201.715	202.093	202.250	202.481		
EXISTING SURFACE LEVEL	201.381	201.483	201.557	201.526	201.538	201.617	201.692	201.703	201.715	202.073	202.250	202.481	
CONTROL LINE CHAINAGE	0	3.633	7.133	9.786	10	10.633	19.633	20	30	40	48.329	50	60

LONGITUDINAL SECTION - ALIGN CL1B (BAYFIELD RD)

SCALE 1:200 HOR
1:100 VERT

Hornsby Shire Council
Design & Construction
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Designer
K.ROM
Signed
A. MAXWELL
Drawn
J. HART
Surveyor
NA NA GDA94
Field Book Level Book Datum

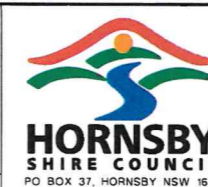
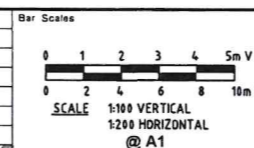
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Authorised for release - Manager Design & Construction
Name K.HAYDEN (Acting) Signed K.H. Date 14/1/25

TRM Document Number
D09010118

ISSUED FOR CONSTRUCTION
Description
Name O. TAMANG
Initial DT
Date 8/1/25

Design not to be amended without authorisation by Manager Design & Construction



BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS

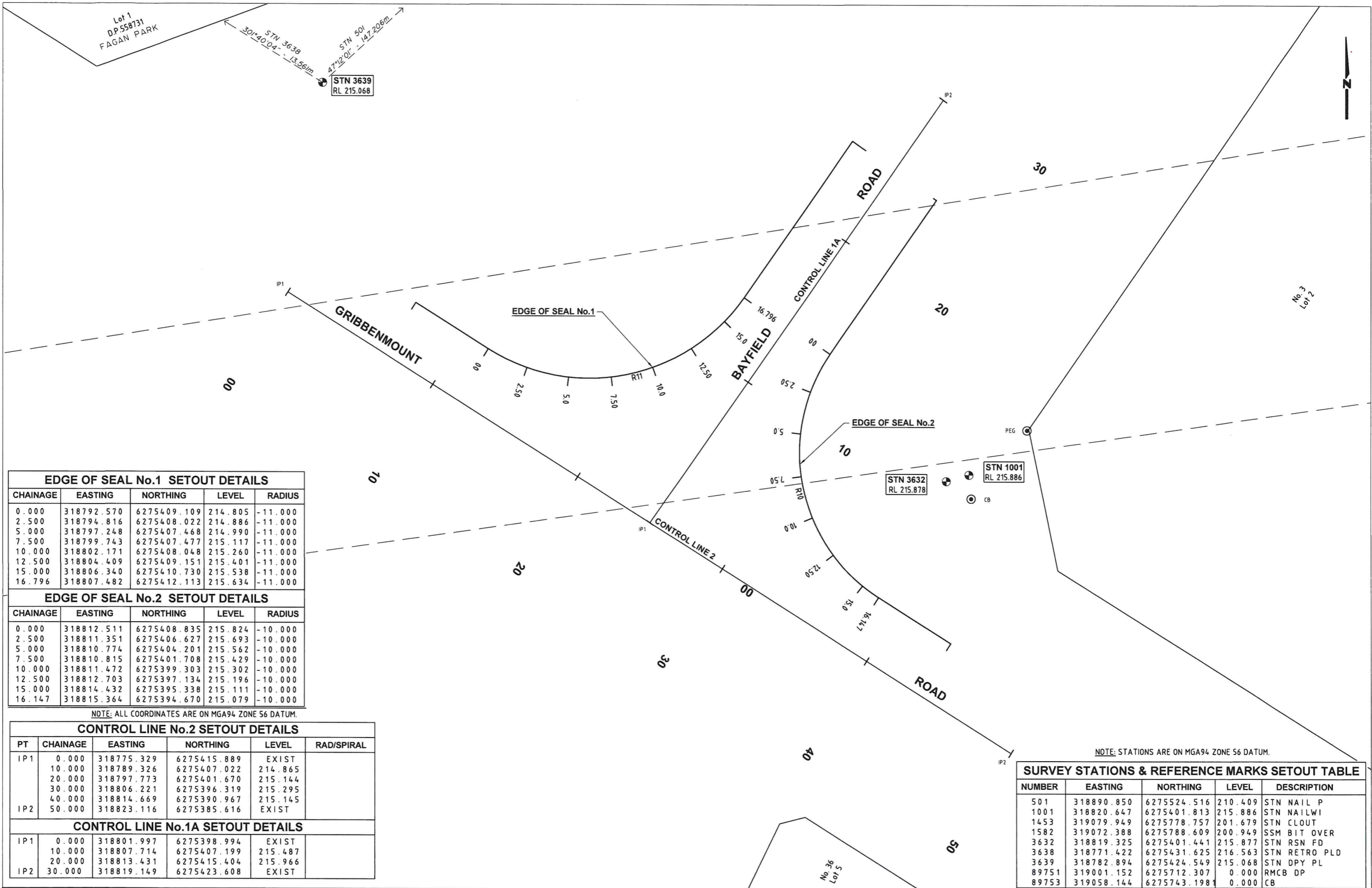
LONGITUDINAL SECTIONS - CL3 & CL1B

Project Number
101719

Sheet of
6 11 Issue
1

HSC Drawing Number
967.9

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY



EDGE OF SEAL No.1 SETOUT DETAILS

CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS
0.000	318792.570	6275409.109	214.805	-11.000
2.500	318794.816	6275408.022	214.886	-11.000
5.000	318797.248	6275407.468	214.990	-11.000
7.500	318799.743	6275407.477	215.117	-11.000
10.000	318802.171	6275408.048	215.260	-11.000
12.500	318804.409	6275409.151	215.401	-11.000
15.000	318806.340	6275410.730	215.538	-11.000
16.796	318807.482	6275412.113	215.634	-11.000

EDGE OF SEAL No.2 SETOUT DETAILS

CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS
0.000	318812.511	6275408.835	215.824	-10.000
2.500	318811.351	6275406.627	215.693	-10.000
5.000	318810.774	6275404.201	215.562	-10.000
7.500	318810.815	6275401.708	215.429	-10.000
10.000	318811.472	6275399.303	215.302	-10.000
12.500	318812.703	6275397.134	215.196	-10.000
15.000	318814.432	6275395.338	215.111	-10.000
16.147	318815.364	6275394.670	215.079	-10.000

NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

CONTROL LINE No.2 SETOUT DETAILS

PT	CHAINAGE	EASTING	NORTHING	LEVEL	RAD/SPIRAL
IP1	0.000	318775.329	6275415.889	EXIST	
	10.000	318789.326	6275407.022	214.865	
	20.000	318797.773	6275401.670	215.144	
	30.000	318806.221	6275396.319	215.295	
IP2	40.000	318814.669	6275390.967	215.145	
	50.000	318823.116	6275385.616	EXIST	

CONTROL LINE No.1A SETOUT DETAILS

PT	CHAINAGE	EASTING	NORTHING	LEVEL	RAD/SPIRAL
IP1	0.000	318801.997	6275398.994	EXIST	
	10.000	318807.714	6275407.199	215.487	
	20.000	318813.431	6275415.404	215.966	
IP2	30.000	318819.149	6275423.608	EXIST	

NOTE: STATIONS ARE ON MGA94 ZONE 56 DATUM.

SURVEY STATIONS & REFERENCE MARKS SETOUT TABLE

NUMBER	EASTING	NORTHING	LEVEL	DESCRIPTION
501	318890.850	6275524.516	210.409	STN NAIL P
1001	318820.647	6275401.813	215.886	STN NAILWI
1453	319079.949	6275778.757	201.679	STN CLOUT
1582	319072.388	6275788.609	200.949	SSM BIT OVER
3632	318819.325	6275401.441	215.877	STN RSN FD
3638	318771.422	6275431.625	216.563	STN RETRO PLD
3639	318782.894	6275424.549	215.068	STN DPY PL
89751	319001.152	6275712.307	0.000	RMCB DP
89753	319058.144	6275743.198	0.000	CB

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 Email: hsc@hornsby.nsw.gov.au

Designer: S. COMISH
 Drawn: A. MAXWELL
 Surveyor: J. HART
 Project Identifier: \\CAD File Name
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 TRM Document Number: D09010118
 Date: 19/1/24

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Bar Scales
 0 1 2 3 4 5m
 SCALE 1:100 @ A1

HORNSBY SHIRE COUNCIL
 PO BOX 37, HORNSBY NSW 1630

BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS

SETOUT PLAN 1 & DETAILS

Project Number: 101719
 Sheet 7 of 11
 Issue 1
 HSC Drawing Number: 967.9

Lot 16/2
D.P.975148
FAGAN PARK

NOTE: STATIONS ARE ON MGA94 ZONE 56 DATUM.

SURVEY STATIONS & REFERENCE MARKS SETOUT TABLE				
NUMBER	EASTING	NORTHING	LEVEL	DESCRIPTION
1000	319075.924	6275793.723	201.142	STN DPY PL
1002	319063.783	6275796.528	202.979	STN RETRO PLD
1003	319065.441	6275742.244	203.487	STN RETRO
1453	319079.949	6275778.757	201.679	STN CLOUT
1601	319081.192	6275775.568	201.937	PEG
1615	319082.114	6275753.844	201.864	PEG
1648	319082.670	6275735.015	201.663	PEG
3505	319062.180	6275741.830	202.350	PEG
89753	319058.144	6275743.198	0.000	CB

NOTE: ALL COORDINATES ARE ON MGA94 ZONE 56 DATUM.

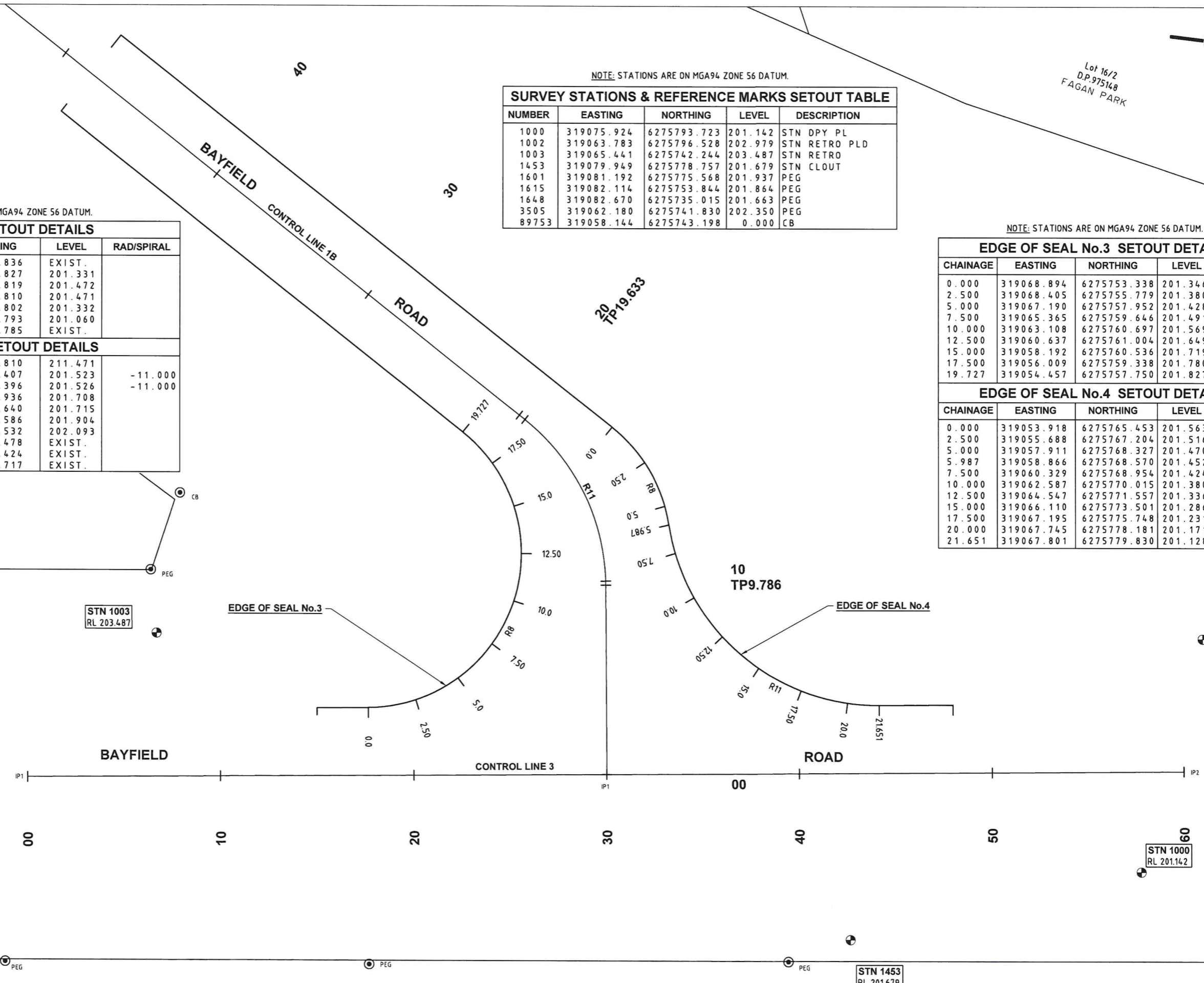
CONTROL LINE No.3 SETOUT DETAILS					
PT	CHAINAGE	EASTING	NORTHING	LEVEL	RAD/SPIRAL
IP1	0.000	319073.119	6275735.836	EXIST.	
	10.000	319072.707	6275745.827	201.331	
	20.000	319072.294	6275755.819	201.472	
	30.000	319071.882	6275765.810	201.471	
	40.000	319071.470	6275775.802	201.332	
	50.000	319071.058	6275785.793	201.060	
EP2	60.000	319070.646	6275795.785	EXIST.	

CONTROL LINE No.1B SETOUT DETAILS					
PT	CHAINAGE	EASTING	NORTHING	LEVEL	RAD/SPIRAL
IP1	0.000	319071.882	6275765.810	211.471	
TP	9.786	319062.104	6275765.407	201.523	-11.000
	10.000	319061.891	6275765.396	201.526	-11.000
CP	19.633	319053.698	6275760.936	201.708	
	20.000	319053.481	6275760.640	201.715	
	30.000	319047.553	6275752.586	201.904	
	40.000	319041.626	6275744.532	202.093	
	50.000	319035.699	6275736.478	EXIST.	
	60.000	319029.772	6275728.424	EXIST.	
IP2	68.328	319024.836	6275721.717	EXIST.	

NOTE: STATIONS ARE ON MGA94 ZONE 56 DATUM.

EDGE OF SEAL No.3 SETOUT DETAILS				
CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS
0.000	319068.894	6275753.338	201.346	-8.000
2.500	319068.405	6275755.779	201.380	-8.000
5.000	319067.190	6275757.952	201.428	-8.000
7.500	319065.365	6275759.646	201.491	-8.000
10.000	319063.108	6275760.697	201.569	-8.000
12.500	319060.637	6275761.004	201.649	-8.000
15.000	319058.192	6275760.536	201.719	-8.000
17.500	319056.009	6275759.338	201.780	-8.000
19.727	319054.457	6275757.750	201.827	-8.000

EDGE OF SEAL No.4 SETOUT DETAILS				
CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS
0.000	319053.918	6275765.453	201.563	8.000
2.500	319055.688	6275767.204	201.516	8.000
5.000	319057.911	6275768.327	201.470	8.000
5.987	319058.866	6275768.570	201.452	-11.000
7.500	319060.329	6275768.954	201.424	-11.000
10.000	319062.587	6275770.015	201.380	-11.000
12.500	319064.547	6275771.557	201.336	-11.000
15.000	319066.110	6275773.501	201.286	-11.000
17.500	319067.195	6275775.748	201.231	-11.000
20.000	319067.745	6275778.181	201.171	-11.000
21.651	319067.801	6275779.830	201.128	-11.000



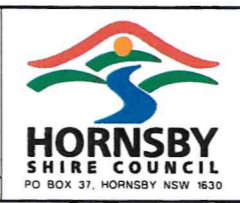
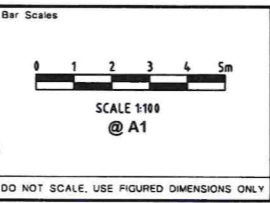
Hornsby Shire Council
Design & Construction
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Authorised for release - Manager Design & Construction
Name: K.HAYDEN (Acting) Signed: K.H. Date: 19/1/25

Designer: K.ROM
Signed: [Signature]
Drawn: A. MAXWELL
Signed: [Signature]
Surveyor: J. HART
Field Book: NA, Level Book: NA, Datum: GDA94
Project Identifier: \CAD File Name
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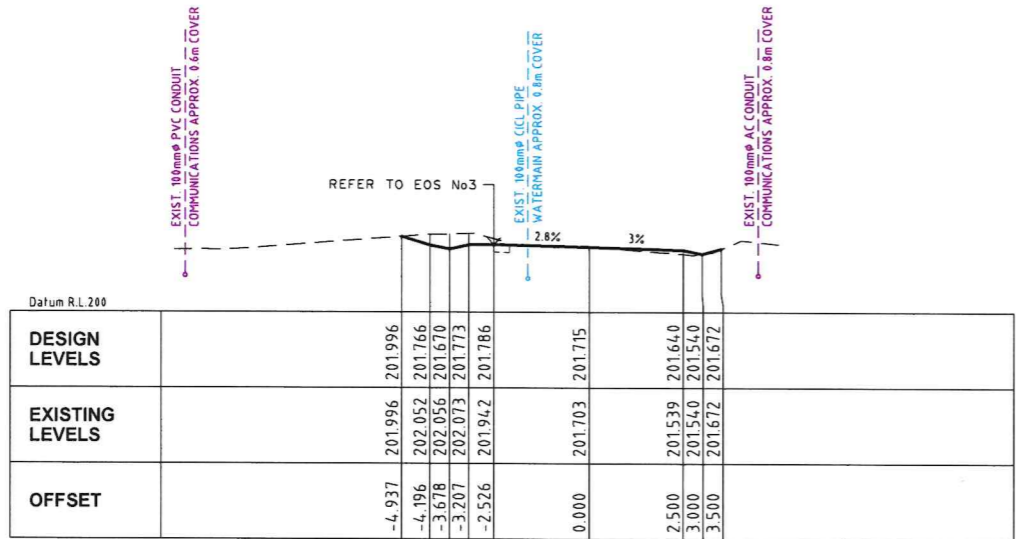
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1	ISSUED FOR CONSTRUCTION	D. TAMANG	DT	9/1/25
	Design not to be amended without authorisation by Manager Design & Construction			



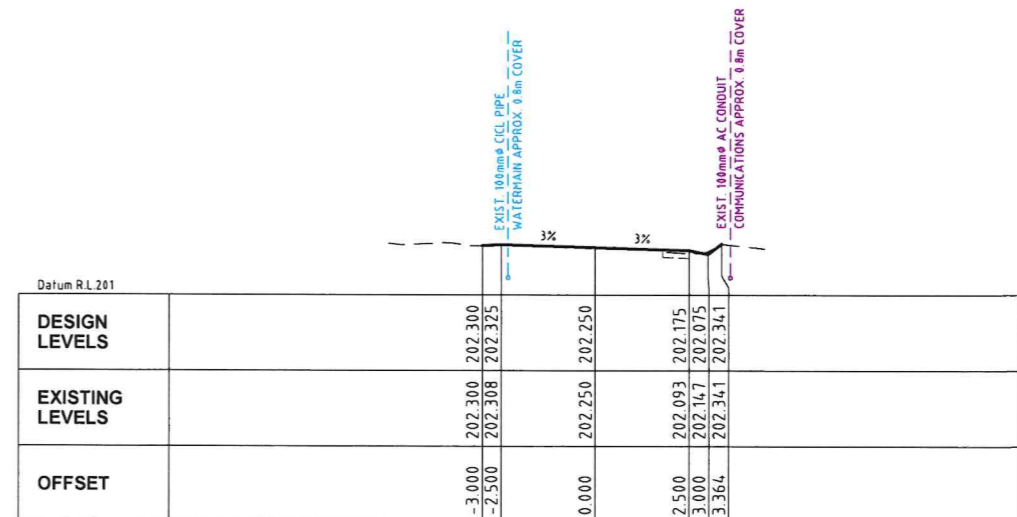
BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS

SETOUT PLAN 2 & DETAILS

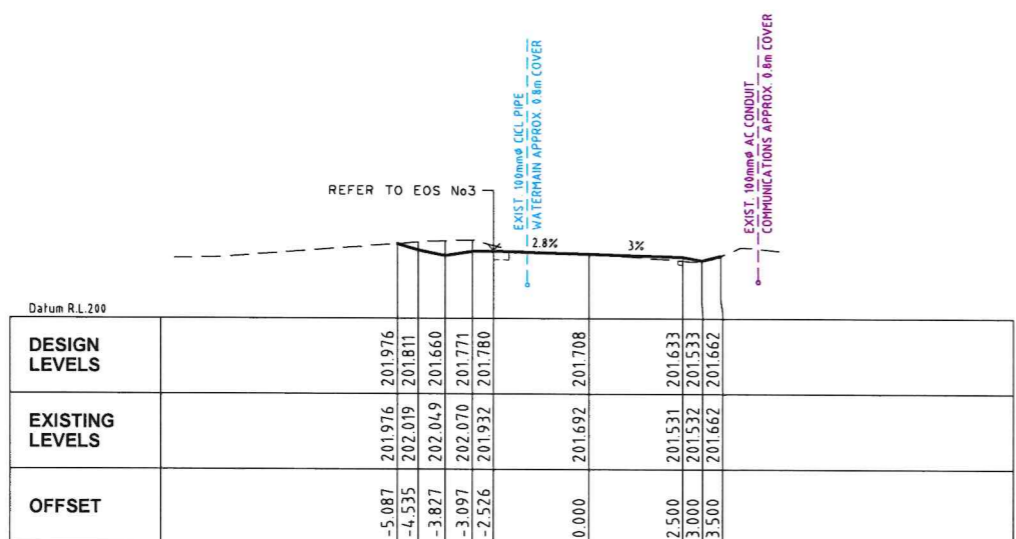
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Sheet of	8	11
Issue	1	
HSC Drawing Number	967.9	



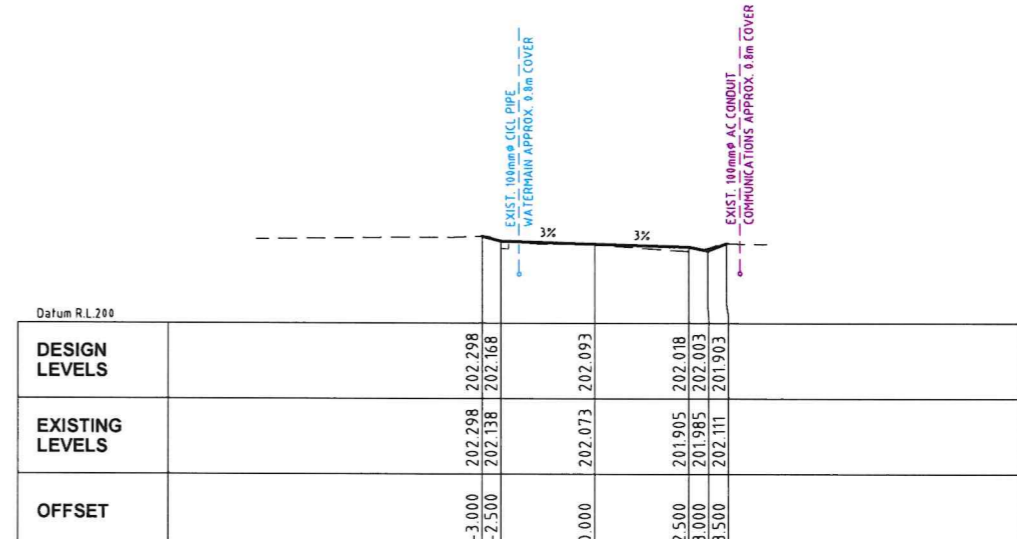
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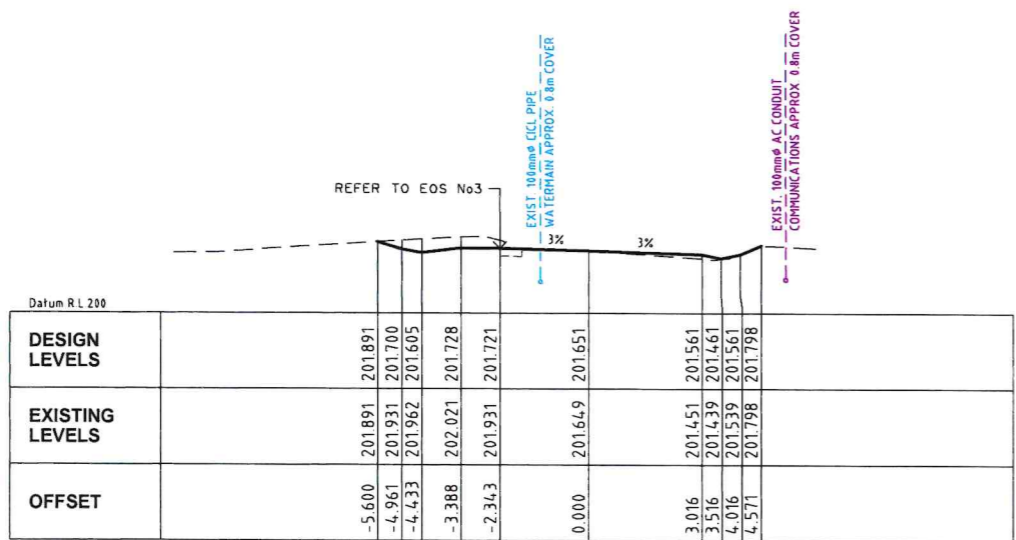
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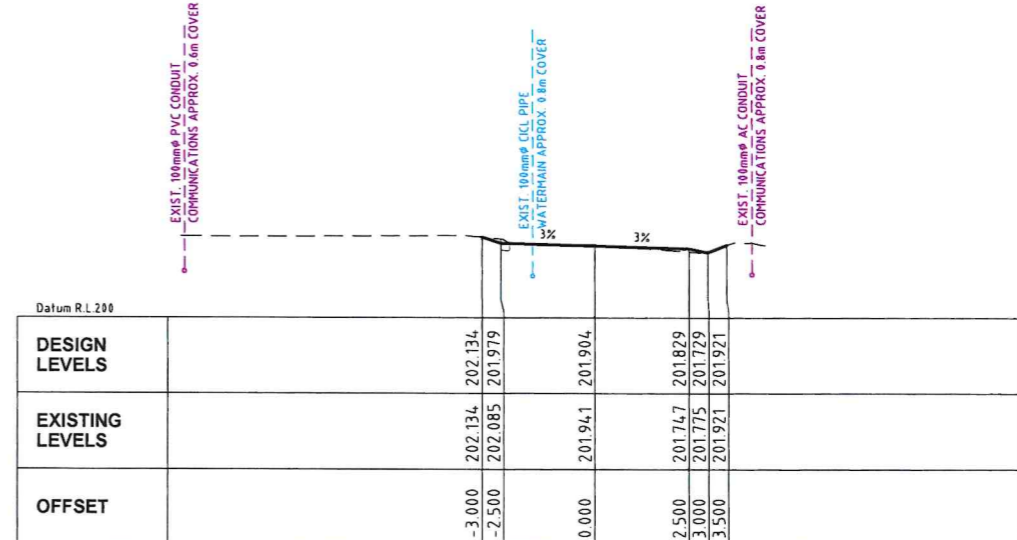
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CH 40.000



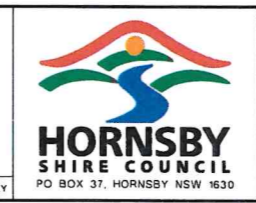
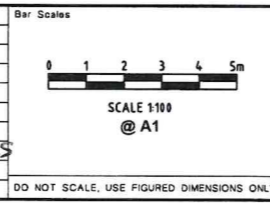
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CH 30.000

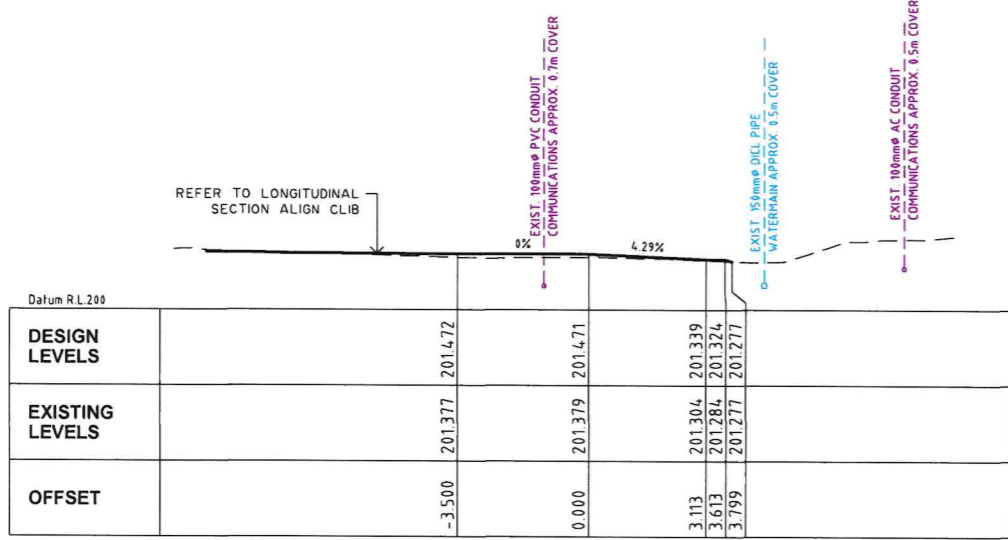
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Designer K.ROM	Design Checked/Drawn <i>K.H</i>	Team Leader
Drawn A. MAXWELL	Drawing Checked	
Surveyor J. HART	Field Book NA	Level Book NA
	Datum GDA94	
Project Identifier \ CAD File Name H:\Bayfield Rd_LR_101682\DESIGN\CAD\Bayfield.dwg		
TRIM Document Number D09010118	Issue	1
ISSUED FOR CONSTRUCTION		D. TAMANG
Description		DT 9/1/25
Design not to be amended without authorisation by Manager Design & Construction		Name Initial Date

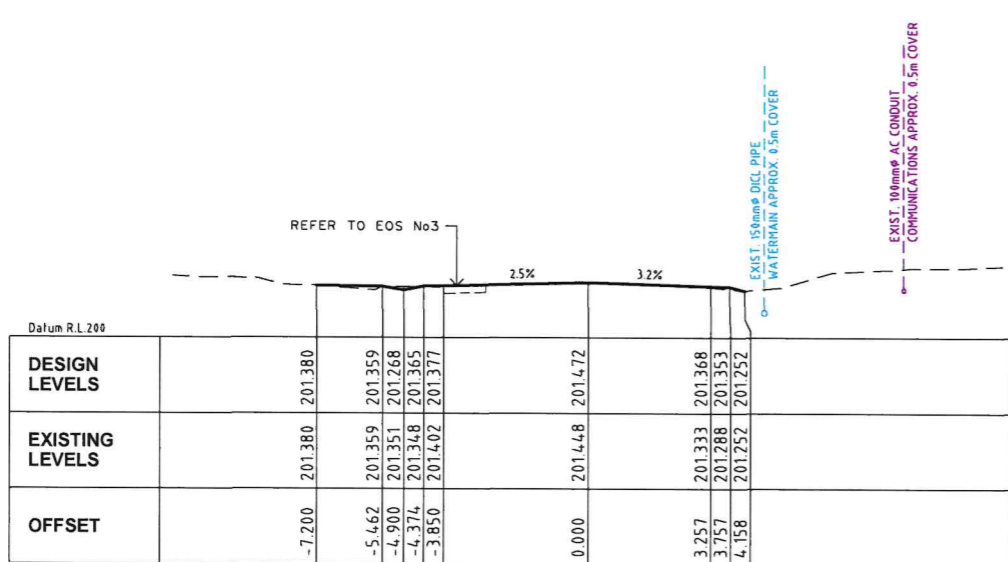


BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS
 CROSS SECTION CL1B

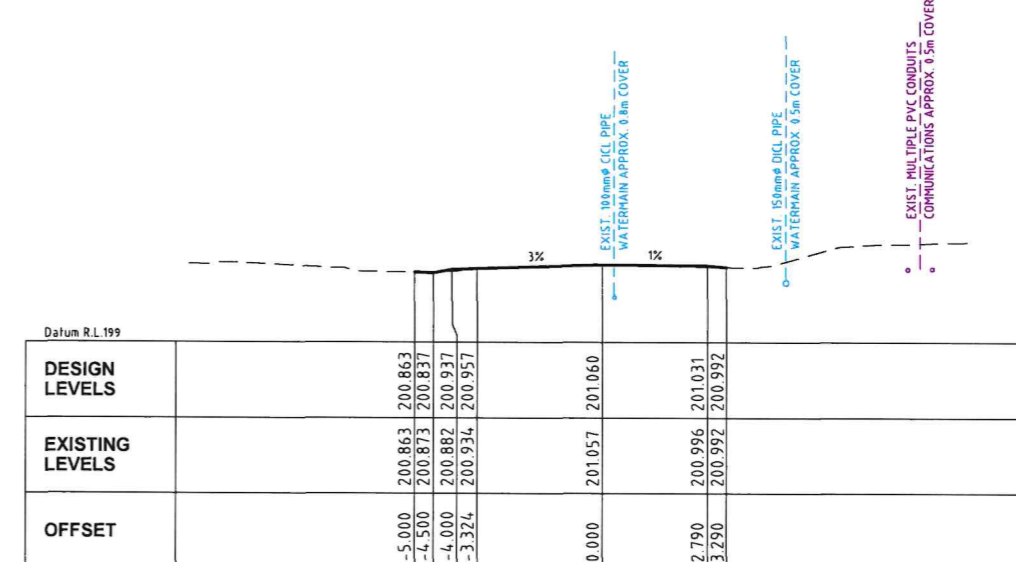
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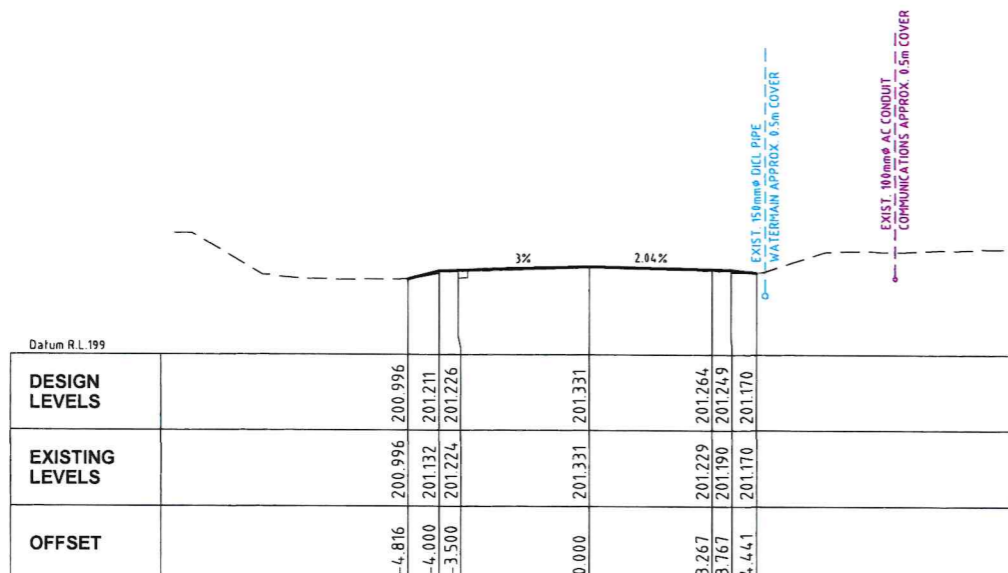
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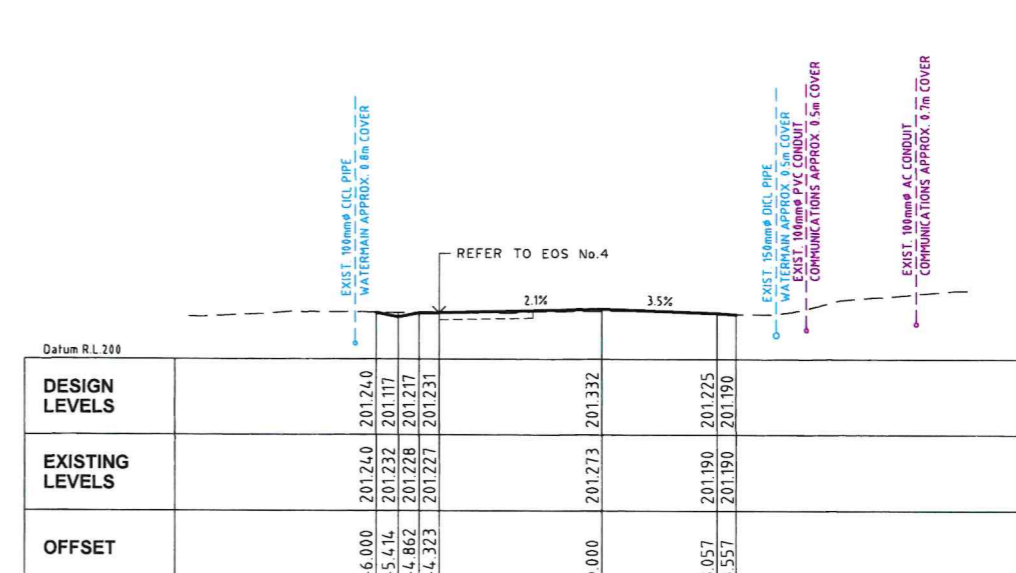
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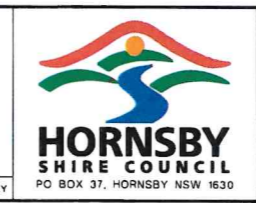
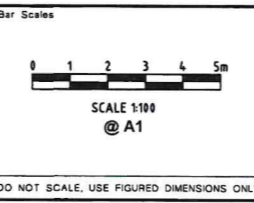


CH 40.000

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Designer K.ROM	Design Checked-Design Team Leader Signed: [Signature]
Drawn A. MAXWELL	Drawing Checked Signed: [Signature]
Surveyor J. HART	Field Book: NA, Level Book: NA, Datum: GDA94
Project Identifier: \\CAD File Name H:\Bayfield Rd_LR_101682\DESIGN\ACAD\Bayfield.dwg	
TRIM Document Number D09010118	Date: 14/1/25

ISSUED FOR CONSTRUCTION	D. TAMANG	DT	9/1/25
Description	Name	Initial	Date
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BAYFIELD ROAD, GALSTON
PROPOSED INTERSECTION IMPROVEMENTS
 CROSS SECTION CL3

Project Number 101719	Sheet of 11 11	Issue 1
HSC Drawing Number 967.9		