

PEATS FERRY ROAD, HORNSBY PROPOSED SHARED PATH JERSEY LANE TO GALSTON ROAD (WESTERN SIDE).

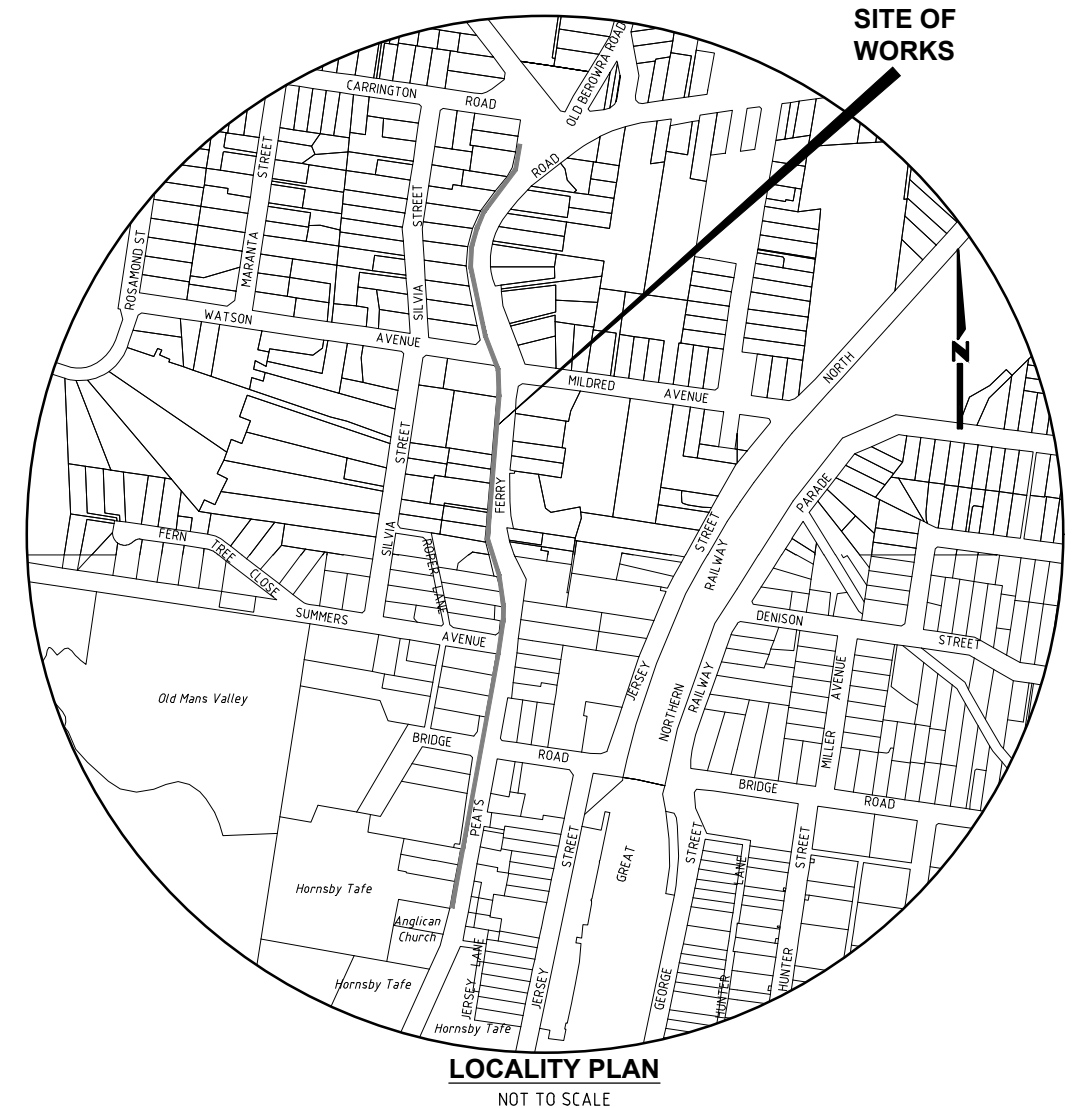
DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LOCALITY PLAN, LEGEND & GENERAL NOTES.	1
2	TYPICAL SECTIONS & RETAINING WALL DETAILS.	1
3	PATH JOINTING DETAILS, TREATMENT AROUND TREES & TREE PROTECTION NOTES.	1
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LEGEND

	EXISTING KERB & GUTTER.
	EXISTING EDGE OF BITUMEN.
	EXISTING FENCE.
	EXISTING CONCRETE PATH EDGE.
	EXISTING WALL.
	EXISTING TREE
	EXISTING TREE TO BE REMOVED.
	PROPOSED TREE
	EXISTING POWER POLE.
	EXISTING WATER STOP VALVE.
	EXISTING FIRE HYDRANT.
	EXISTING TELSTRA PIT.
	EXISTING TRAFFIC SIGNAL POST.
	EXISTING SEWER MAIN.
	EXISTING U/G TELSTRA CABLES.
	EXISTING U/G GAS MAIN.
	EXISTING U/G ELECTRICAL CABLES.
	EXISTING U/G NBN CABLES.
	EXISTING WATER MAIN.
	PROPOSED FOOTPATH. 100mm THICK N25, BLACK OXIDE COLOUR CONCRETE.
	EXISTING DRIVEWAY TO BE RECONSTRUCTED.
	PROPOSED HERRINGBONE PATTERN PAVERS.

GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL.
- LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS & NOT FROM SURVEY PEGS.
- PROVIDE TRAFFIC MANAGEMENT, LINE MARKING & SIGNAGE IN ACCORDANCE WITH THE ROADS & MARITIME SERVICES "TRAFFIC CONTROL AT WORK SITES" TECHNICAL MANUAL & AS1742.3 REQUIREMENTS.
- SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED FROM THE RELEVANT AUTHORITIES VIA A "DIAL BEFORE YOU DIG" ENQUIRY. THE LOCATION OF SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES & FIELD INVESTIGATIONS & ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
- EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION:- "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
- ALL DISTURBED AREAS OF THE SITE ARE TO BE REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE AT THE COMPLETION OF THE WORKS.
- ARRANGE SET-OUT BY HORNSBY SHIRE COUNCIL DESIGN & CONSTRUCTION BRANCH SURVEYOR. NOTIFY ENGINEERING SURVEYOR A MINIMUM OF 24 HOURS IN ADVANCE.
- WHERE PAVEMENT RESURFACING IS UNDERTAKEN ENSURE ALL BLUE HYDRANT MARKER RRPM'S ARE REINSTATED AT THE COMPLETION OF WORKS.
- DRIVEWAYS HAVE NOT BEEN SURVEYED. THE SHARED PATH IS TO BE CONSTRUCTED AT EXISTING LEVELS ACROSS VEHICULAR ACCESSES. ANY ALTERATIONS TO EXISTING LEVELS OUTSIDE OF THE SHARED PATH ARE TO BE ASSESSED AND RECTIFIED BY THE CONSTRUCTION SUPERVISOR AND REFERRED TO COUNCIL'S VEHICULAR CROSSINGS ENGINEER AS NEEDED.



MAJOR PROJECTS BRANCH		
Landscape/Urban Design Team Leader		
Name: K HENKEL	Telephone: 9847 6887	
Accepted as complying with the general intent of the design brief		
Signed:	Date:	
TRAFFIC & ROAD SAFETY BRANCH		
Senior Traffic Engineer		
Name: R ZARZYCKI	Telephone: 9847 6524	
Accepted as complying with the general intent of the design brief		
Signed:	Date:	
Project Number	100617	
Sheet	of	Issue
1	12	1
HSC Drawing Number	10.128	

Hornsby Shire Council Design & Construction Branch

TELEPHONE: 021 9847 6666
FACSIMILE: 021 9847 6999
Authorised for release - Manager Design & Construction
Name: R. RAJCA Signed: Date:

Designer B RAJAKARUNA	Design Checked-Design Team Leader		
Drawn B RAJAKARUNA	Signed:		
Surveyor NA	NA	NA	AHD
	Field Book	Level Book	Datum
Project Identifier\CAD File Name	H:\PROJECTS\Peats Ferry Road_IR_100617\Design\Peats Ferry Road Shared Path.dwg		
TRM Document Number	D080014596		

Issue	Description	Name	Initial	Date
1	ISSUED FOR CONSTRUCTION	M DRAKE		

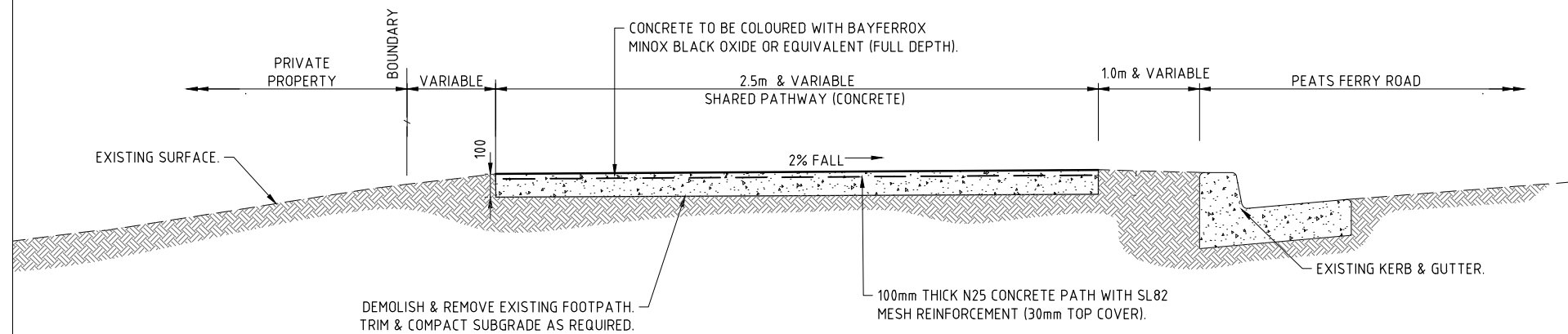
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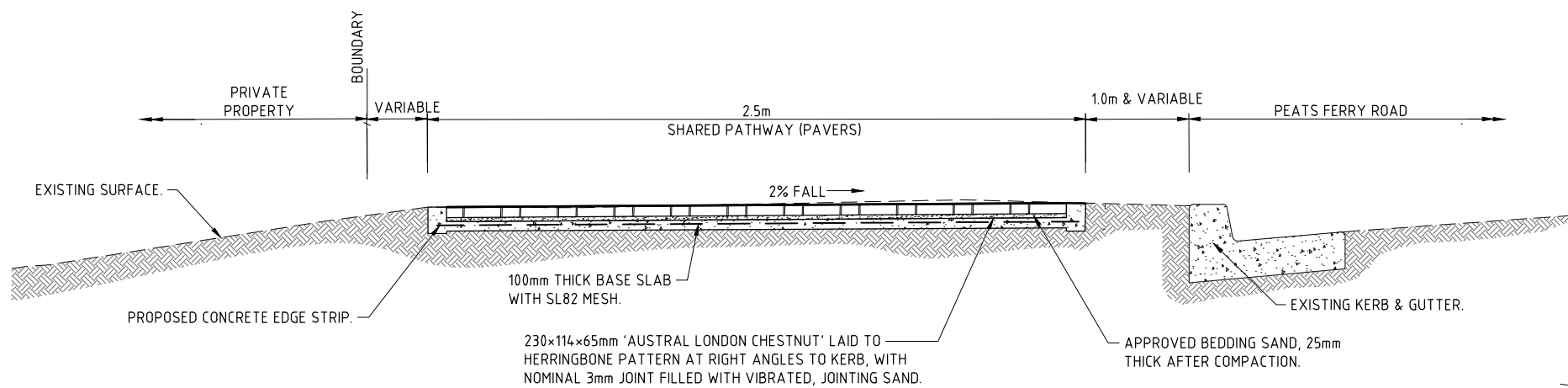
PEATS FERRY ROAD, HORNSBY PROPOSED SHARED PATH JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)

DRAWING SCHEDULE, LOCALITY PLAN, LEGEND & GENERAL NOTES.



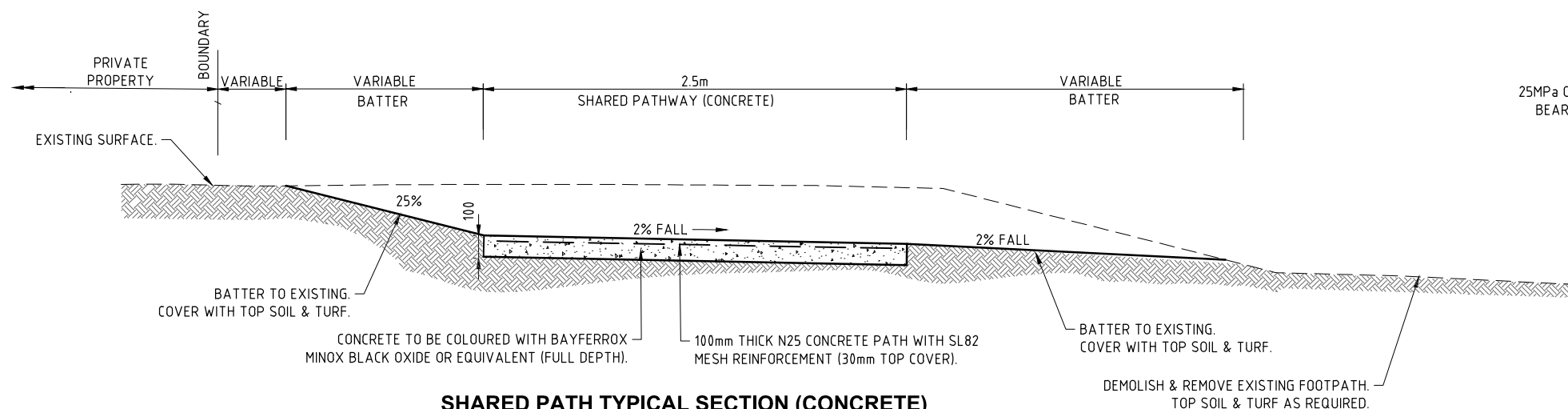
SHARED PATH TYPICAL SECTION (CONCRETE)

NOT TO SCALE
BETWEEN BRIDGE ROAD AND GALSTON ROAD



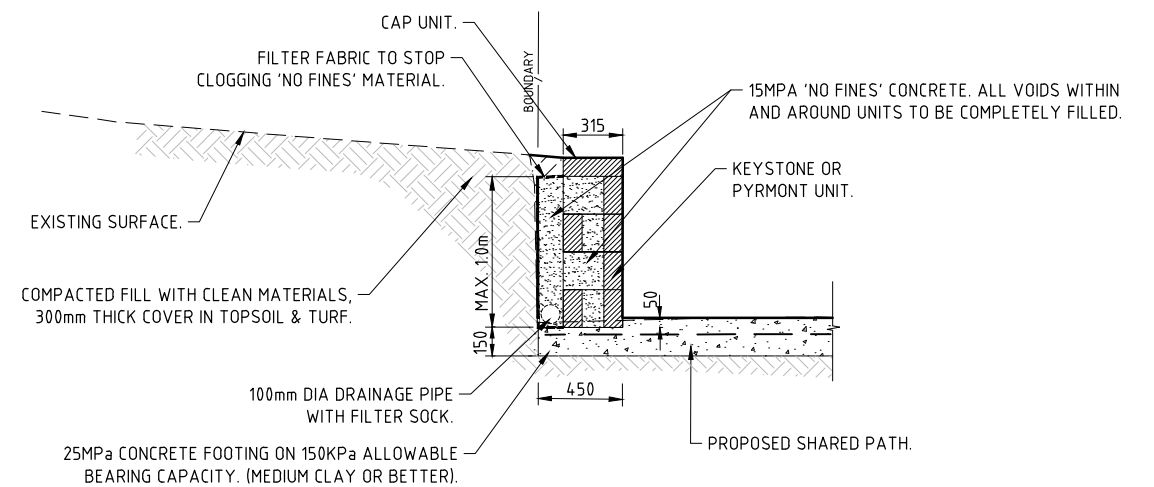
SHARED PATH TYPICAL SECTION (PAVERS)

NOT TO SCALE
BETWEEN JERSEY LANE AND BRIDGE ROAD



SHARED PATH TYPICAL SECTION (CONCRETE)

NOT TO SCALE
BETWEEN WATSON AVENUE AND HOUSE No.255



TYPICAL SECTION OF KEYSTONE RETAINING WALL

(WALL HEIGHT LESS THAN 1m)
NOT TO SCALE

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**PEATS FERRY ROAD, HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)**

TYPICAL SECTIONS & RETAINING WALL DETAILS.

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TREE PROTECTION MEASURES:

- ALL WORKS WITHIN THE TREE ROOT ZONE OF ANY TREE/S TO BE RETAINED SHOULD NOT REDUCE THE USEFUL LIFE EXPECTANCY OF THE TREE/S & BE CARRIED OUT UNDER THE SUPERVISION OF AN 'AQF LEVEL 5 ARBORIST'.

TREE ROOT ZONES (TRZ)

TREE SIZE	TRZ
TREES WITH A DIAMETER AT BREAST HEIGHT GREATER THAN 800mm	9m
TREES WITH A DIAMETER AT BREAST HEIGHT BETWEEN 400mm & 800mm	7m
TREES WITH A DIAMETER AT BREAST HEIGHT LESS THAN 400mm	4m

SOIL LEVELS WITHIN THE TREE ROOT ZONE OF TREES TO BE RETAINED SHOULD REMAIN AT EXISTING GRADE & UNDISTURBED

EXCAVATION WITHIN THE TREE ROOT ZONE OF TREES TO BE RETAINED SHOULD BE CARRIED OUT BY HAND EXCAVATION ONLY. HAND EXCAVATION SHOULD BE CARRIED OUT UNDER THE SUPERVISION OF A QUALIFIED ARBORIST IN SUCH A MANNER THAT IS NON-INJURIOUS TO ANY ROOTS REVEALED.

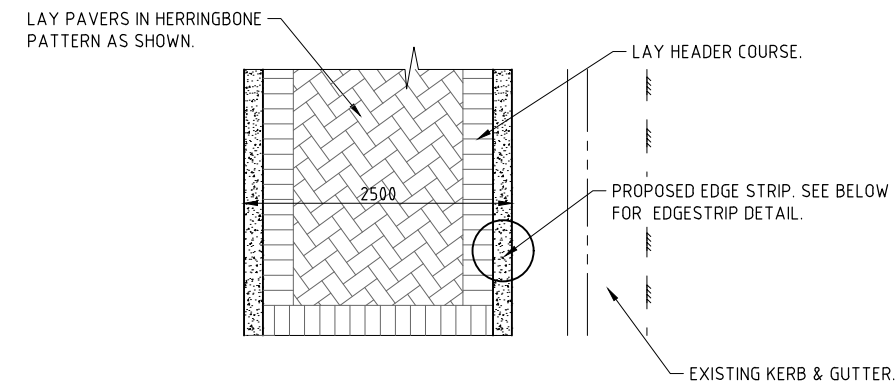
NO TREE ROOT GREATER THAN 30mm DIAMETER LOCATED WITHIN THE TRZ OF ANY TREE TO BE RETAINED SHOULD BE SEVERED OR INJURED IN THE PROCESS OF ANY WORKS.

TREE ROOTS LESS THAN 30mm IN DIAMETER REQUIRED TO BE SEVERED SHALL BE CUT CLEANLY BY HAND BY A QUALIFIED & EXPERIENCED ARBORIST OR HORTICULTURIST WITH MINIMUM QUALIFICATIONS OF HORTICULTURAL CERTIFICATE OR TREE SURGERY CERTIFICATE (AQF 3).

- ALL PRUNING SHALL BE UNDERTAKEN AS SPECIFIED IN THE AUSTRALIAN STANDARD 'PRUNING OF AMENITY TREES' (AS 4373-2009).
- THE FILLING OR STOCKPILING OF BUILDING MATERIALS, PARKING OF VEHICLES OR PLANT, THE USE OF MACHINERY OTHER THAN HAND HELD, DISPOSAL OF CEMENT SLURRY, WASTE WATER OR OTHER CONTAINMENTS MUST REMAIN OUTSIDE THE TREE ROOT ZONE OF ANY TREE TO BE RETAINED.
- ANY MECHANICAL DAMAGE TO TREES OR CHEMICAL SPILLS WITHIN THE TRZ MUST BE REPORTED TO THE PROJECT SUPERVISOR/MANAGER.

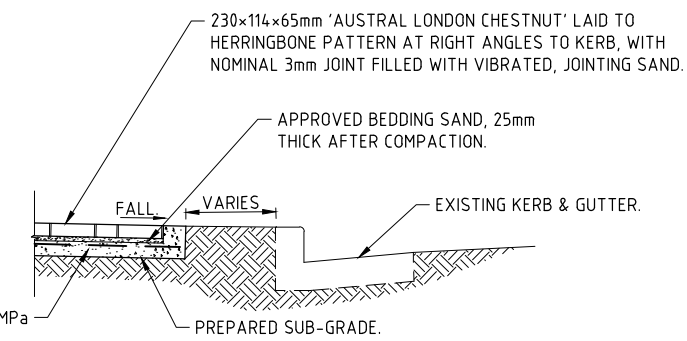
NOTES - TREATMENT AROUND TREES:

- ARTICULATED JOINT SYSTEM (TRIPSTOP OR APPROVED ALTERNATIVE) INSTALLED AT 1500 CENTRES.
- GRAVEL BEDS INSTALLED AS REQUIRED OR DIRECTED TO ALLOW EASE OF ROOT TRAVEL BELOW CONCRETE PATH. MATERIAL FOR GRAVEL BED TO BE NOMINAL 5mm ROUNDED STONE/GRAVEL, UNIFORMLY GRADED.
- A QUALIFIED ARBORIST IS REQUIRED TO BE CONSULTED TO CHECK ROOT SYSTEM BEFORE INSTALLATION OF PATH. ROOT TRIMMING OR PRUNING IS ONLY TO BE CONSIDERED AS A LAST OPTION WITH APPROVAL OF ARBORIST. CONTACT TREE MANAGEMENT CO-ORDINATOR - TREE MANAGEMENT BRANCH FOR SPECIAL REQUIREMENTS.
- REFER www.tripstop.net FOR SUPPLIER LOCATIONS & INSTALLATION REQUIREMENTS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.



TYPICAL PAVER PATTERN

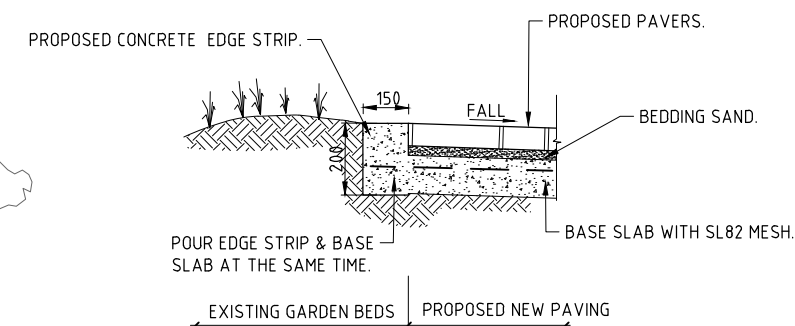
NOT TO SCALE
NOTE: NO HEADER COURSE AROUND SERVICE AUTHORITY PITS.



NOTE: CROSSFALL OF FOOTPATH TO BE 2%

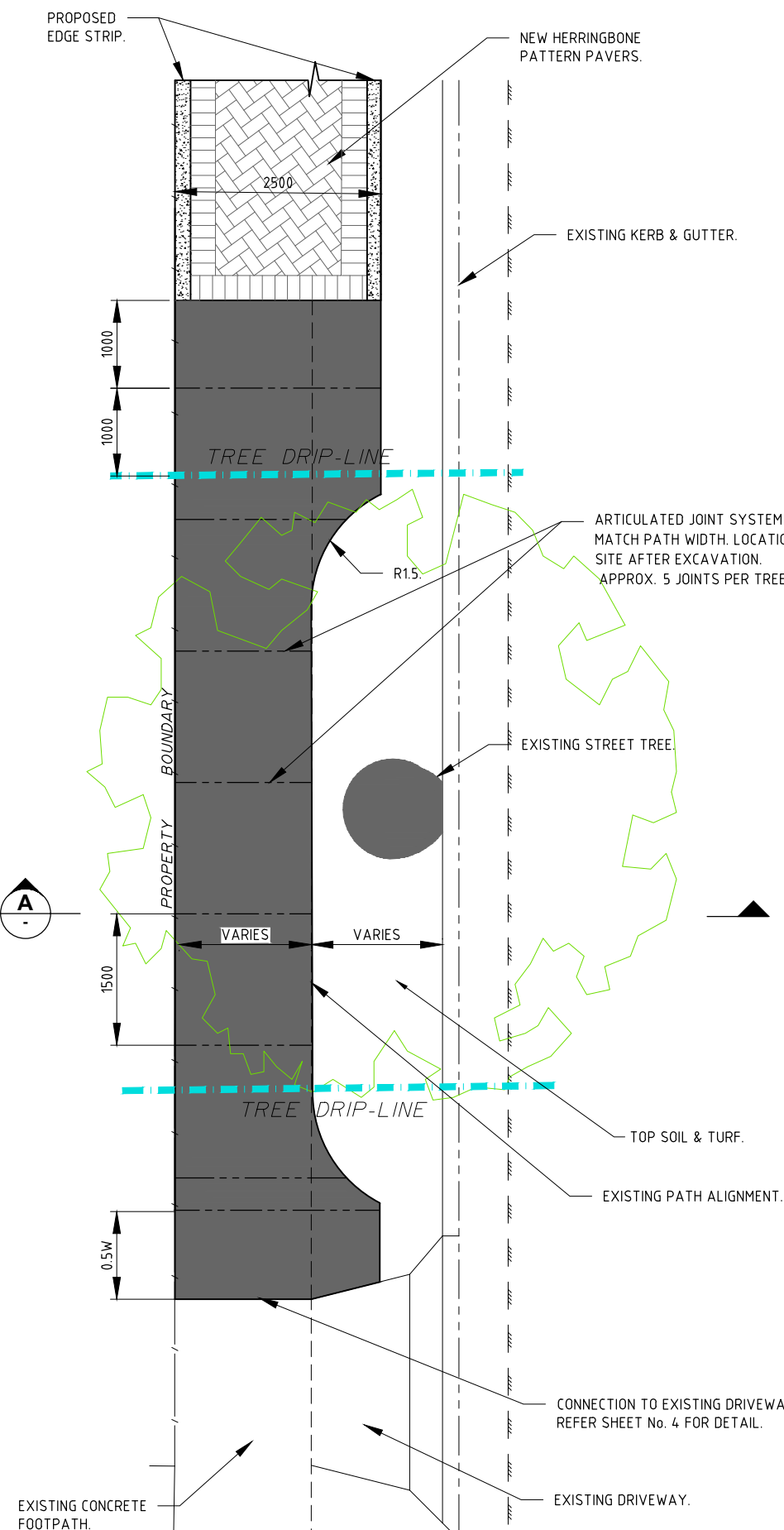
PAVER BASE COURSE DETAIL

NOT TO SCALE



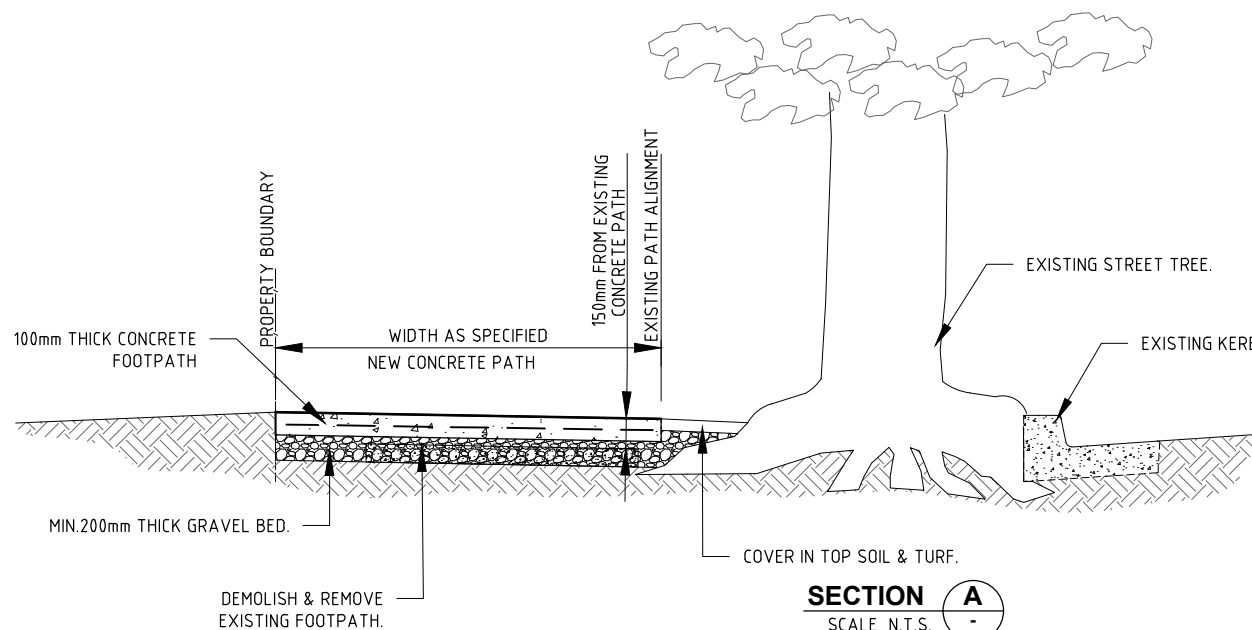
EDGE STRIP DETAIL

NOT TO SCALE



PLAN - TYPICAL TREATMENT AROUND TREES

NOT TO SCALE



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Branch**

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FACSIMILE: 021 9847 6999
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Drawn B RAJAKARUNA	Signed:		
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D080014596	D080014596		

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**PEATS FERRY ROAD, HORNSBY
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JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)**

PAVER DETAILS & TREATMENT AROUND TREES & TREE PROTECTION NOTES.

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CONCRETE NOTES

(USING STEEL REINFORCED CONCRETE U.N.O.)

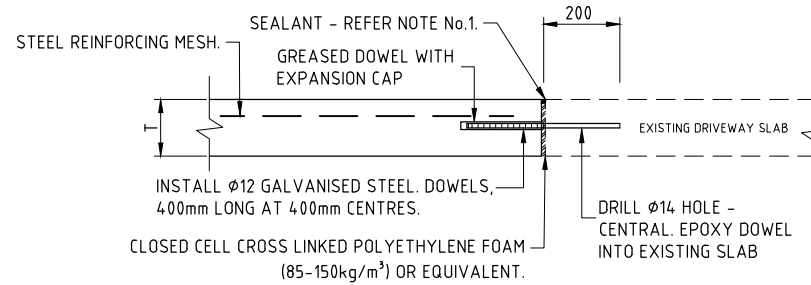
- MATERIALS AND CONSTRUCTION: TO AS 3600, AS 3610. STEEL REINFORCEMENT MATERIALS: TO AS 4671.
- CONCRETE QUALITY: TO AS 1379
READY MIX CONCRETE: TO AS 1379
a) DO NOT USE ADMIXTURES WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
b) CEMENT: TYPE 'GP' OR 'GB' TO AS 3972.
c) MAXIMUM SIZE OF COARSE AGGREGATE: 20mm.
d) CONCRETE SLUMP: 80mm U.N.O.
- VERIFY STRENGTH BY PRODUCTION CONTROL TESTING TO AS 1379.
- FORM CONSTRUCTION JOINTS ONLY AT LOCATIONS SHOWN ON DRAWINGS. DO NOT VARY WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
- PREPARE COLD JOINTS BY LIGHT SCABBLING, REMOVAL OF DEBRIS & WASHING WITH CLEAN WATER.
- DO NOT PLACE CONCRETE UNTIL REINFORCEMENT (IF USED) & FORMWORK ARE INSPECTED BY SUPERVISING ENGINEER.
- THOROUGHLY CLEAN OUT ALL FORMWORK PRIOR TO POURING.
- DO NOT PLACE CONCRETE UNDER THE FOLLOWING CONDITIONS:
a) WHEN THE SURROUNDING OUTDOOR TEMPERATURE EXCEEDS 30°C.
b) WHEN THE SURROUNDING WIND SPEED EXCEEDS 12 KNOTS.
- IMPLEMENT THE FOLLOWING PROCEDURES TO MITIGATE PREMATURE DRYING & CRACKING OF THE CONCRETE:
a) IN HOT CONDITIONS, PROGRAM CONCRETE PLACEMENT FOR THE COOLER PART OF THE DAY (ie. EARLY MORNING).
b) SPRAY EVAPORATIVE RETARDERS WITH FUGATIVE DYES (eg. ALIPHATIC ALCOHOL) OVER THE SURFACE IMMEDIATELY AFTER SCREEDING & WHILST BLEED WATER IS STILL PRESENT. REAPPLY IF THE SURFACE IS DISTURBED.
c) COMMENCE CURING IMMEDIATELY AFTER FINISHING. CURE FOR 7 DAYS.
- VIBRATE CONCRETE DURING PLACEMENT TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION.
- SURFACE FINISH - REFER TO DRAWINGS FOR DETAILS.
- COMMENCE CURING OF ALL CONCRETE SURFACES IMMEDIATELY ON FINISHING & CONTINUE FOR 7 DAYS MIN.
- EXPANSION JOINTS & ISOLATION JOINTS ARE TO BE SEALED TO MANUFACTURER'S SPECIFICATIONS WITH A GUN GRADE POLYURETHANE LOW MODULUS SELF PRIMING SEALANT EQUIVALENT TO 'TREMCO DYMONIC NT' (+100%, -50% MOVEMENT CAPACITY). SEALANT COLOUR GREY OR EQUIVALENT.

SIGNS & LINE MARKING NOTES

- SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH AS1742.9 - MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PART 9 BICYCLE FACILITIES, PART 2 TRAFFIC CONTROL DEVICES FOR GENERAL USE & THE REQUIREMENTS OF THE RTA NSW BICYCLE GUIDELINES MANUAL.
- WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED / RELOCATED OR REUSED TO SUIT NEW WORK.
- TEMPORARY 'CHANGED TRAFFIC CONDITIONS AHEAD' (T1-23) SIGNS TO BE INSTALLED ON ALL APPROACHES 100m FROM NEW PEDESTRIAN/CYCLIST CROSSING AND NEW ON ROAD LINEMARKING AT THE COMMENCEMENT OF WORKS & UNTIL 6 MONTHS AFTER COMPLETION.
- WHERE POSSIBLE EXISTING SIGNAGE TO BE CLEANED & RELOCATED TO SUIT NEW WORK.
- ALL NEW LINE MARKING TO THERMOPLASTIC PAINT.
- REMOVE REDUNDANT LINE MARKING.
- LINE MARKING SHALL BE SPOTTED OUT & APPROVED PRIOR TO APPLICATION.

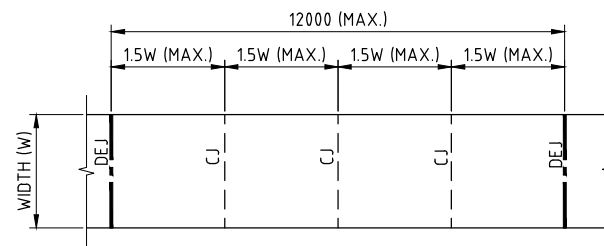
TYPICAL JOINT NOTES:

- EXPANSION JOINTS & CONTROL JOINTS ARE TO BE SEALED WITH A LOW MODULUS SELF PRIMING SEALANT TO THE MANUFACTURERS SPECIFICATION. THE COLOUR OF THE SEALANT SHALL MATCH THE ADJOINING SURFACE FINISH.
- ALL CONCRETE CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600 - CONCRETE CODE.
- CONTROL JOINTS TO BE SQUARE TO SIDES.
- WHERE SPECIFIED, STEEL REINFORCEMENT MESH TO COMPLY WITH AS/NZS 4671.
- CONTROL JOINTS ARE TO BE SAWCUT WITHIN 24 HOURS OF POUR & THEN SEALED.



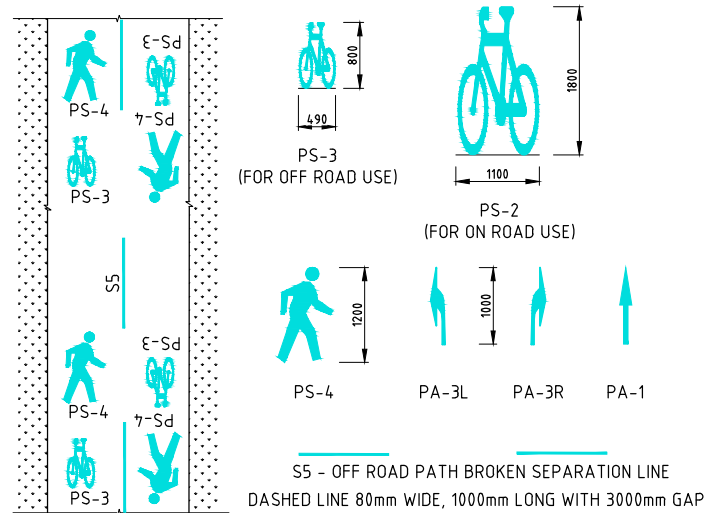
SHARED PATH TO EXISTING DRIVEWAY

N.T.S.



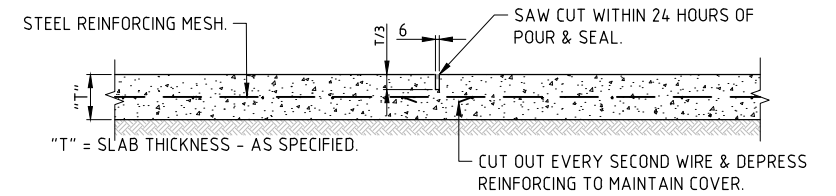
TYPICAL JOINT LAYOUT

N.T.S.



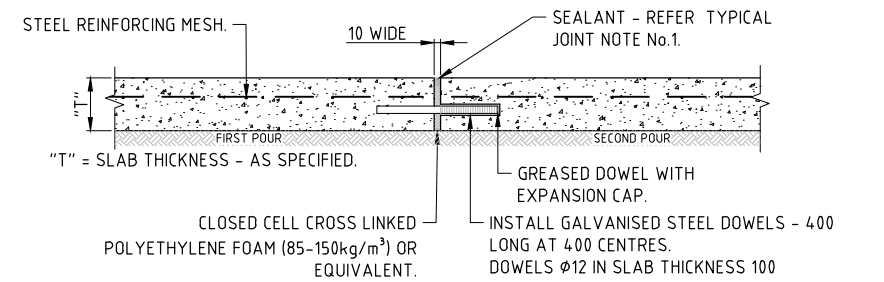
SHARED PATH PAVEMENT SYMBOL DETAIL

(INSTALLED AT BEGINNING & END OF PATH, & AT 100m INTERVALS)



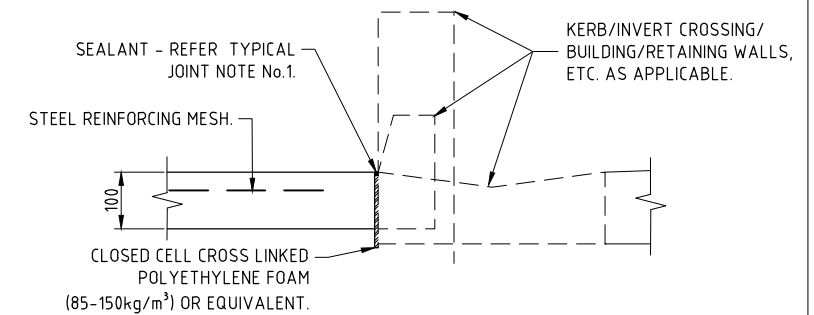
CONTROL JOINT DETAIL (CJ)

(3.0 METRE MAX. SPACING)



DOWELLED EXPANSION JOINT DETAIL (DEJ)

(12.0 METRE MAX. SPACING)



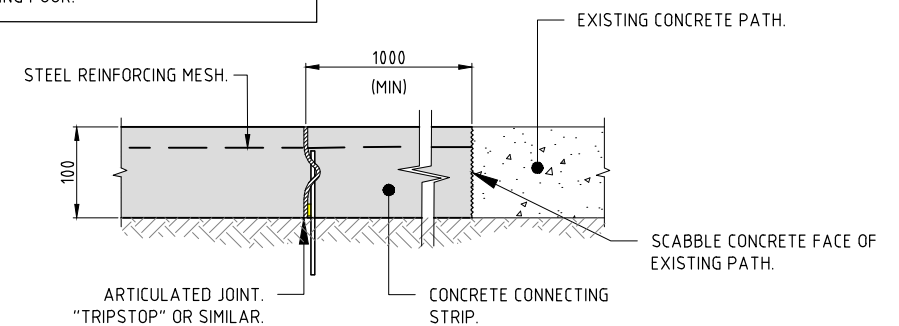
ISOLATION JOINT (I.J.)

N.T.S.

TYPICAL JOINTING DETAILS FOR PATH

DOWEL NOTES:

- GREASE DOWEL IN SECOND POUR.
- ENSURE DOWELS ARE STRAIGHT, PERPENDICULAR TO JOINT & CAPPED. (USE OF PROPRIETARY SLEEVE MAY BE REQUIRED).
- DO NOT DISPLACE DURING POUR.



CONNECTION TO EXISTING PATH DETAIL

NOT TO SCALE

**Hornsby Shire Council
Design & Construction
Branch**

TELEPHONE: 021 9847 6666
FACSIMILE: 021 9847 6999
Authorised for release - Manager Design & Construction
Name: R. RAJCA Signed: Date:

Designer:
B RAJAKARUNA
Signed:
Drawn:
B RAJAKARUNA
Signed:
Surveyor:
NA
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Design Checked-Design Team Leader	Signed:	NA	NA	AHD
Field Book	Level Book	Datum		
1	ISSUED FOR CONSTRUCTION	M DRAKE		
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JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)**

CONCRETE JOINT DETAILS AND LINE MARKING DETAILS.

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Sheet of	4	12	Issue 1
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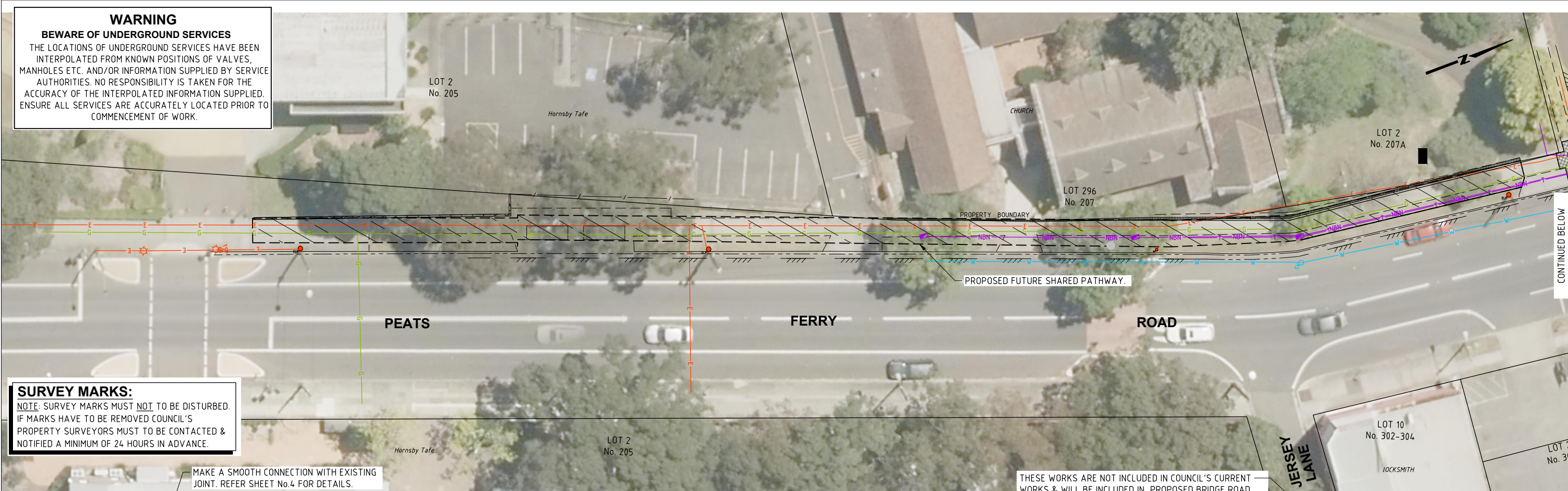
**PEATS FERRY ROAD, HORNSBY
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OVERALL LAYOUT PLAN

Project Number 100617	Sheet 5	of 12	Issue 1
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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 TO BE DISTURBED. IF MARKS HAVE TO BE REMOVED COUNCIL'S PROPERTY SURVEYORS MUST TO BE CONTACTED & NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE.



MAKE A SMOOTH CONNECTION WITH EXISTING JOINT. REFER SHEET No.4 FOR DETAILS.

REPLACE BROKEN DRIVEWAYS TO EXISTING LEVELS. REFER NOTE 10 ON SHEET No.1

ARTICULATED JOINT SYSTEM AT 1500 CENTRES TO MATCH PATH WIDTH. REFER SHEET No.3 FOR DETAILS.

INSTALL PAVEMENT SYMBOLS LINE MARKING AS SHOWN. REFER SHEET No.4 FOR DETAILS.

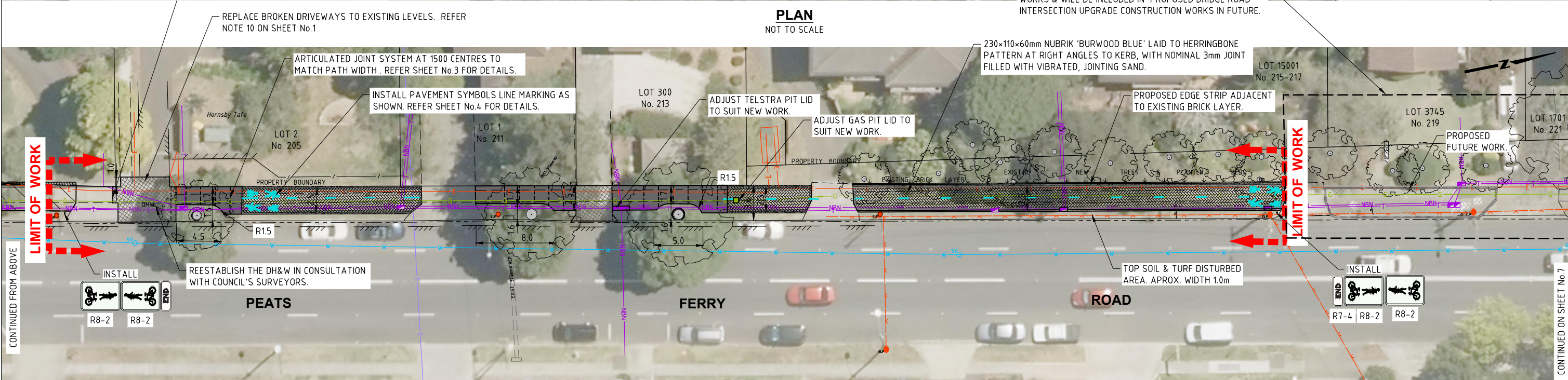
ADJUST TELSTRA PIT LID TO SUIT NEW WORK.

ADJUST GAS PIT LID TO SUIT NEW WORK.

230x110x60mm NUBRIK 'BURWOOD BLUE' LAID TO HERRINGBONE PATTERN AT RIGHT ANGLES TO KERB, WITH NOMINAL 3mm JOINT FILLED WITH VIBRATED, JOINTING SAND.

PROPOSED EDGE STRIP ADJACENT TO EXISTING BRICK LAYER.

THESE WORKS ARE NOT INCLUDED IN COUNCIL'S CURRENT WORKS & WILL BE INCLUDED IN PROPOSED BRIDGE ROAD INTERSECTION UPGRADE CONSTRUCTION WORKS IN FUTURE.



LIMIT OF WORK

LIMIT OF WORK

REESTABLISH THE DH&W IN CONSULTATION WITH COUNCIL'S SURVEYORS.

TOP SOIL & TURF DISTURBED AREA. APPROX. WIDTH 1.0m

CONTINUED FROM ABOVE

CONTINUED ON SHEET No.7



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Design & Construction
Branch
 TELEPHONE: 021 9847 6666
 FACSIMILE: 021 9847 6999
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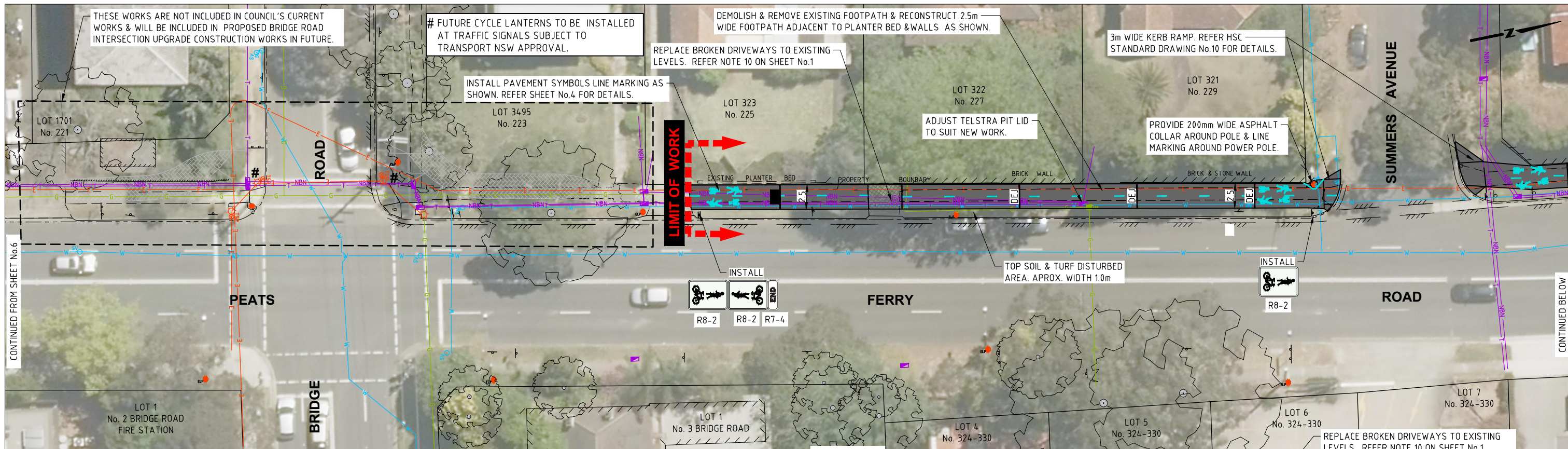
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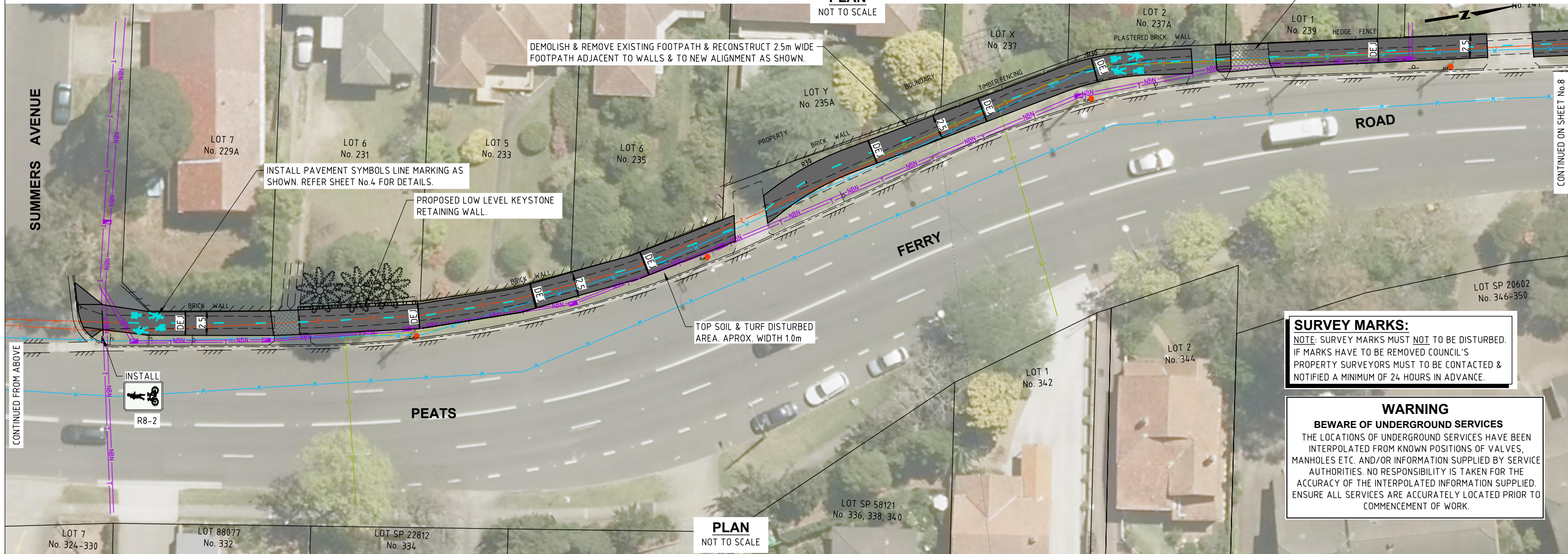


PEATS FERRY ROAD HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)
 GENERAL WORKS & SERVICES PLAN
 SHEET 1 OF 4

Project Number	100617		
Sheet of	6	12	Issue 1
HSC Drawing Number	10.128		



PLAN
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PLAN
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SURVEY MARKS:
NOTE: SURVEY MARKS MUST NOT BE DISTURBED. IF MARKS HAVE TO BE REMOVED COUNCIL'S PROPERTY SURVEYORS MUST BE CONTACTED & NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE.

WARNING
BEWARE OF UNDERGROUND SERVICES
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Hornsby Shire Council
Design & Construction
Branch

Designer
B RAJAKARUNA
Signed: _____
Drawn
B RAJAKARUNA
Signed: _____
Surveyor
NA
Field Book Level Book AHD Datum
Project Identifier\\CAD File Name
H:\PROJECTS\Peats Ferry Road_IR_100671\Design\Peats Ferry Road Shared Path.dwg
TRIM Document Number
D080014596

Issue	Description	Name	Initial	Date
1	ISSUED FOR CONSTRUCTION	M DRAKE		

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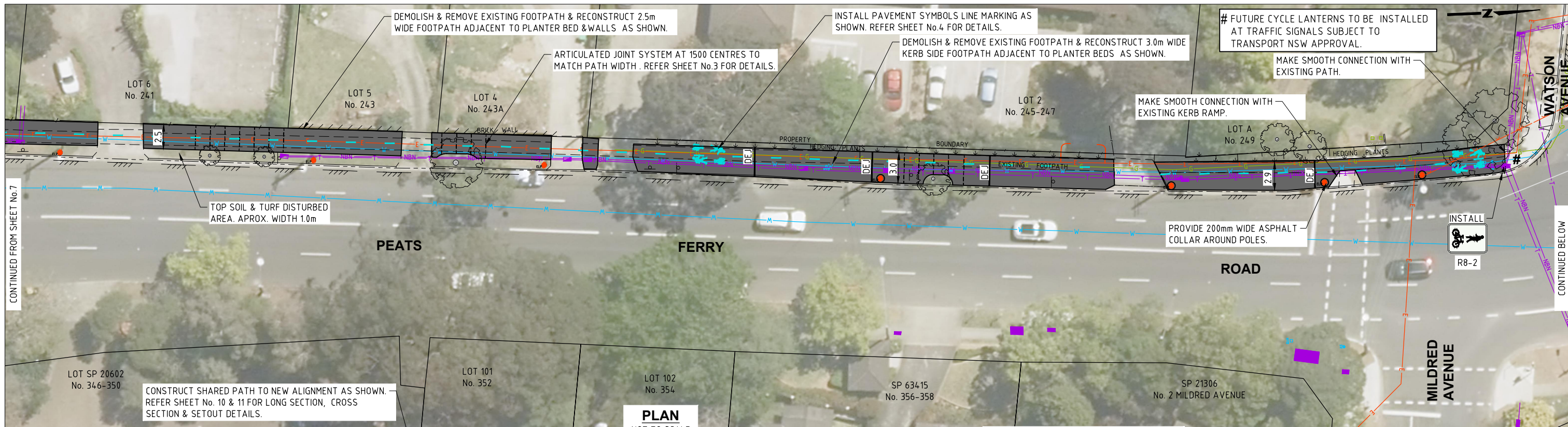


PEATS FERRY ROAD HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)
GENERAL WORKS & SERVICES PLAN
SHEET 2 OF 4

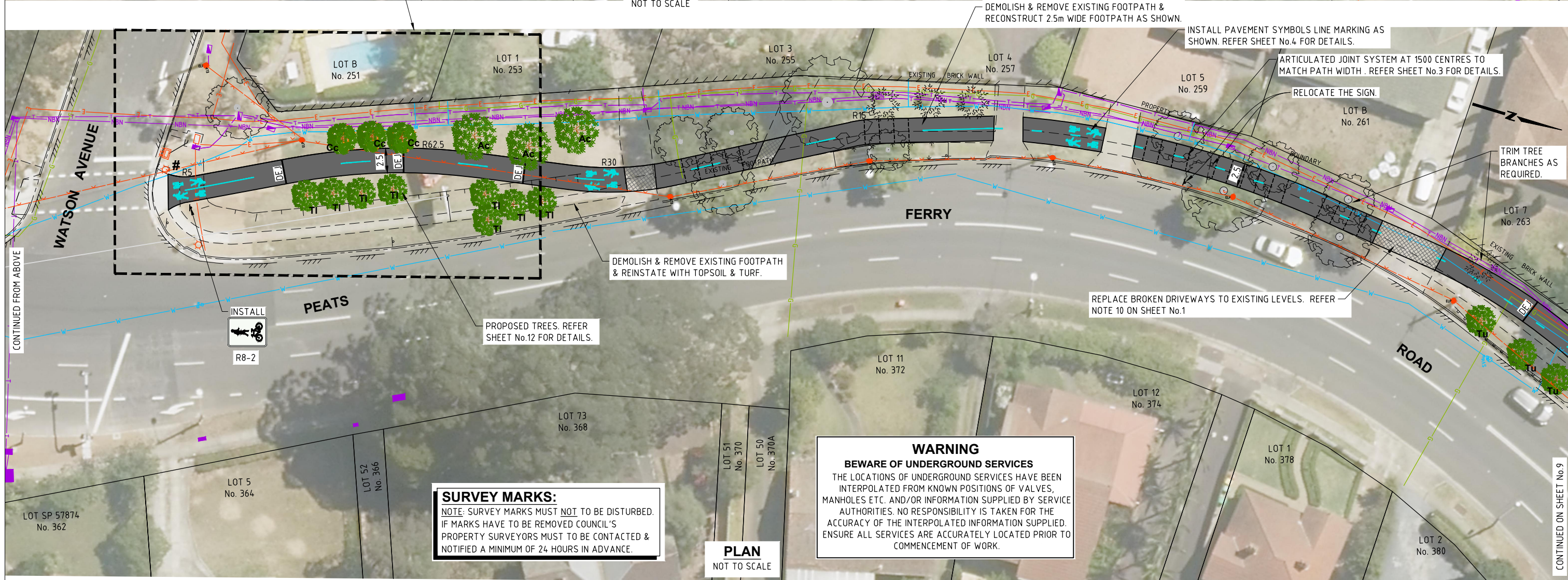
Project Number	100617		
Sheet of	7	12	Issue
HSC Drawing Number	10.128		

Authorised for release - Manager Design & Construction
Name: **R. RAJCA** Signed: _____ Date: _____

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Designer B RAJAKARUNA	Design Checked-Design Team Leader		
Drawn B RAJAKARUNA	Signed:		
Surveyor NA	NA Field Book	NA Level Book	AHD Datum
Project Identifier\\CAD File Name H:\PROJECTS\Peats Ferry Road_IR_100671\Design\Peats Ferry Road Shared Path.dwg			
TRM Document Number D080014596			

Issue	Description	Name	Initial	Date
1	ISSUED FOR CONSTRUCTION	M DRAKE		

Bar Scales
PLAN PRODUCED FROM AERIAL PHOTOGRAPH
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PEATS FERRY ROAD HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)

GENERAL WORKS & SERVICES PLAN
SHEET 3 OF 4

Project Number 100617	Sheet 8	of 12	Issue 1
HGC Drawing Number 10.128			

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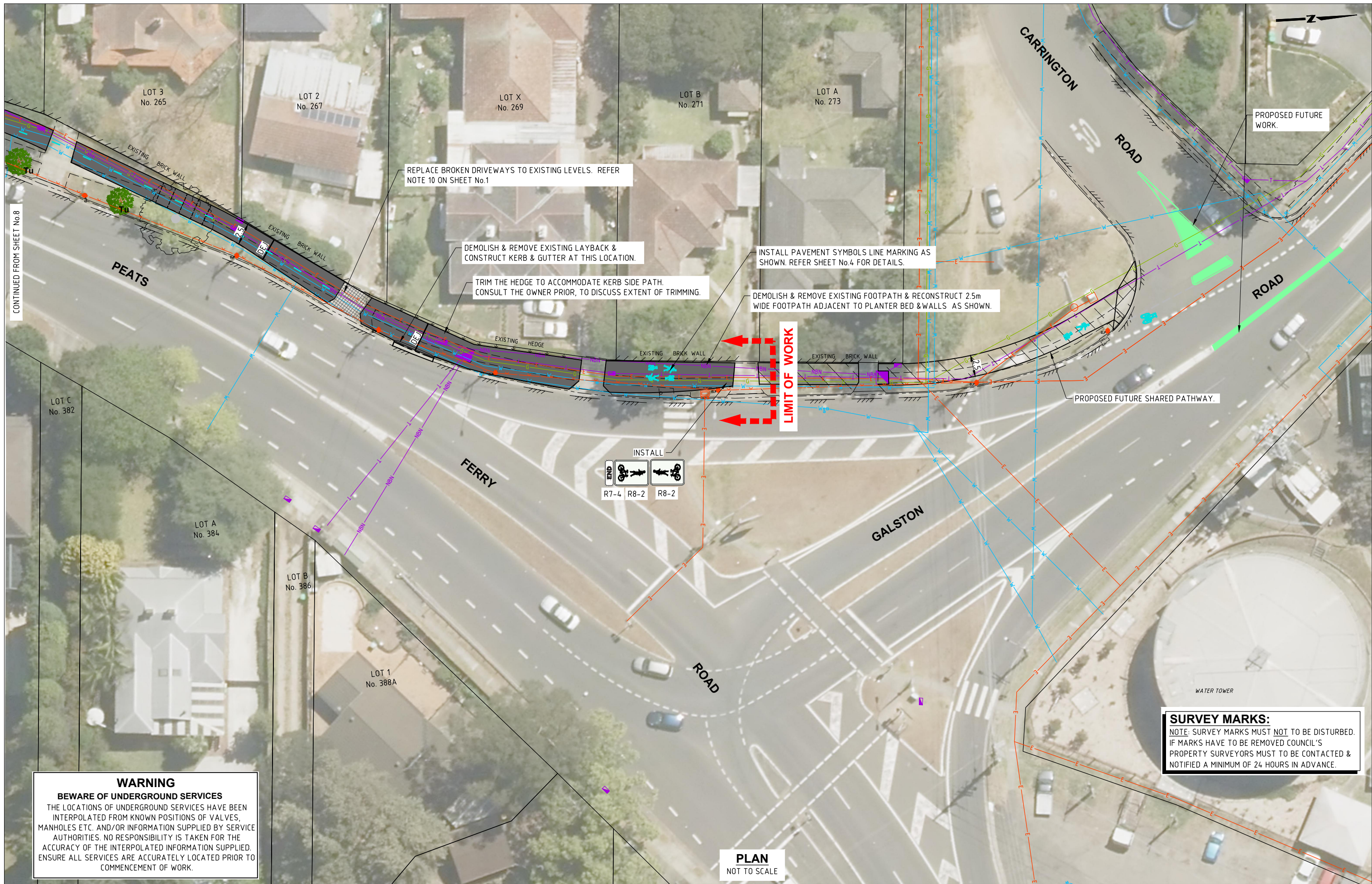
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CONTINUED ON SHEET No.9

CONTINUED FROM SHEET No.7

CONTINUED BELOW



CONTINUED FROM SHEET No.8



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PLAN
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Hornsby Shire Council
Design & Construction
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 TELEPHONE: 1021 9847 6666
 FACSIMILE: 1021 9847 6999
 Authorised for release - Manager Design & Construction
 Name: R. RAJCA Signed: Date:

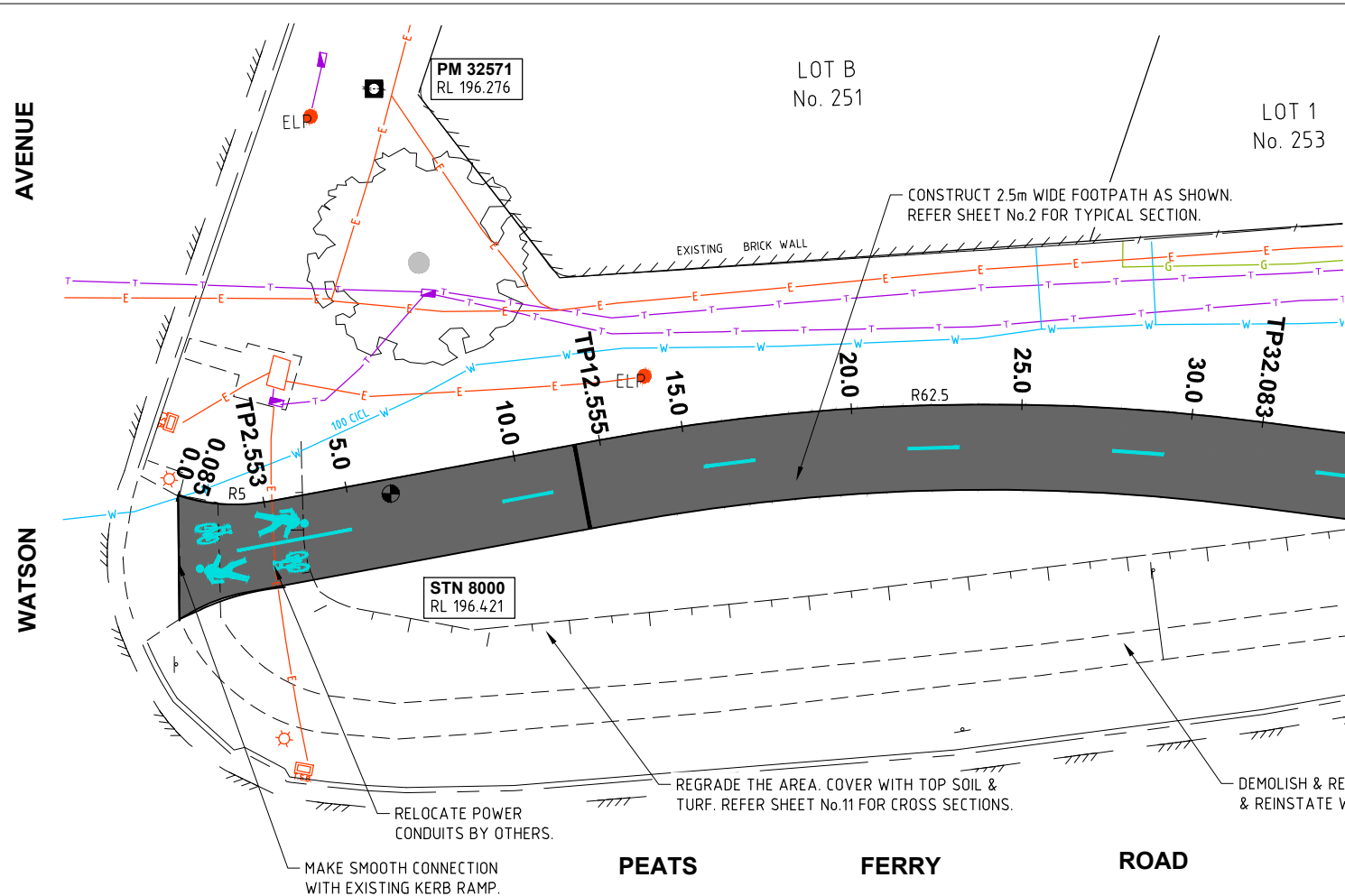
Designer B RAJAKARUNA	Design Checked-Design Team Leader		
Drawn B RAJAKARUNA	Signed:		
Surveyor NA	NA	NA	AHD
Project Identifier\...\CAD File Name	Field Book	Level Book	Datum
H:\PROJECTS\Peats Ferry Road_IR_100617\Design\Peats Ferry Road Shared Path.dwg			
Issue	Description		Name Initial Date
1	ISSUED FOR CONSTRUCTION		M DRAKE
Design not to be amended without authorisation by Manager Design & Construction			

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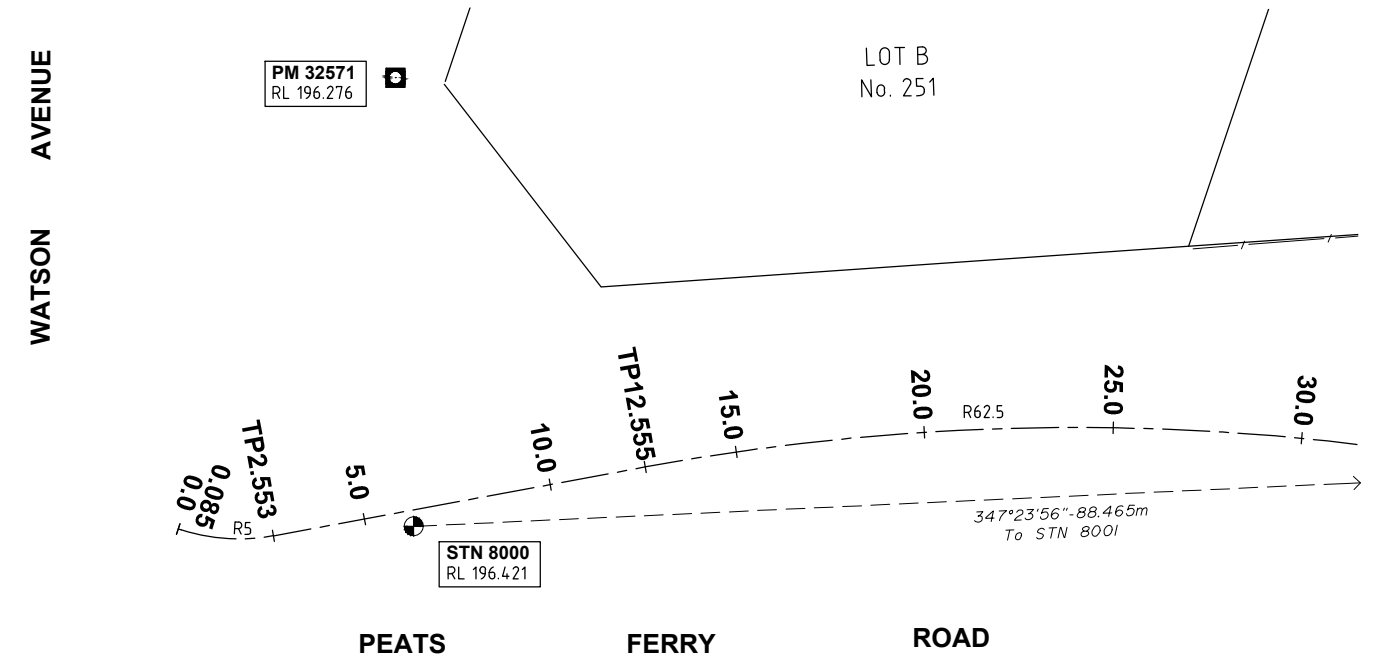
PEATS FERRY ROAD HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)
GENERAL WORKS & SERVICES PLAN
SHEET 4 OF 4

Project Number	100617		
Sheet of	9	12	Issue 1
HGC Drawing Number	10.128		



DETAILED PLAN
SCALE 1:100

REFER TO SHEET No.12 FOR TREE PLANTING DETAILS.



SETOUT PLAN
SCALE 1:100

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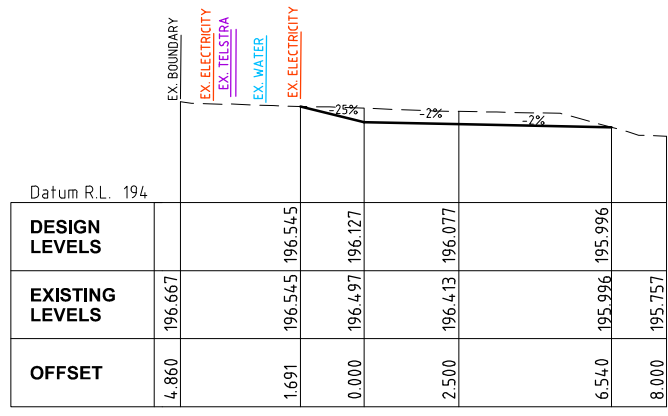
CONTROL LINE 1 SETOUT DETAILS						
POINT #	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RADIUS
TP	0.085	323737.578	6270218.534	195.850	7°46'28.47"	5.000
TP	2.553	323737.590	6270218.619	195.851	7°46'28.47"	
	5.000	323737.319	6270223.046	195.879	339°30'10.19"	
TP	10.000	323736.462	6270223.339	195.920	339°30'10.19"	62.500
	12.555	323734.711	6270228.022	196.050	339°30'10.19"	
	15.000	323733.817	6270230.416	196.127	339°30'10.19"	
	20.000	323733.006	6270232.722	196.200	341°44'38.57"	
	25.000	323731.631	6270237.528	196.350	346°19'39.75"	
	30.000	323730.645	6270242.428	196.494	350°54'40.93"	
TP	32.083	323729.924	6270249.470	196.571	355°29'42.12"	
		323729.924	6270249.470	196.571	357°24'14.94"	

Horizontal Geometry Data	R-5m		R-400.013		R-62.5m		R-292.268	
	CH	IP	CH	IP	CH	IP	CH	IP
Vertical Geometry Grade (%)	1%		3%		0.947%			
Vertical Grade Length (m)	5m		21.14m		3.86m			
Vertical Curve Length (m)	L 8		L 6					
Vertical Curve Radius (m)	R 400.013		R 292.268					
DATUM RL.188.000	RL 195.860	RL 195.900	RL 196.020	RL 196.444	RL 196.534	RL 196.563		
CUT / FILL DEPTH TO EXISTING	0.000	0.000	-0.418	-0.393	-0.371	-0.341	-0.148	-0.079
CONTROL LINE FINISHED LEVEL	195.850	195.851	196.020	196.050	196.127	196.200	196.350	196.444
EXISTING SURFACE LEVEL	195.850	195.854	196.438	196.443	196.497	196.541	196.498	196.536
CONTROL LINE CHAINAGE	0.000	1.000	9.000	10.000	12.555	15.000	20.000	23.140

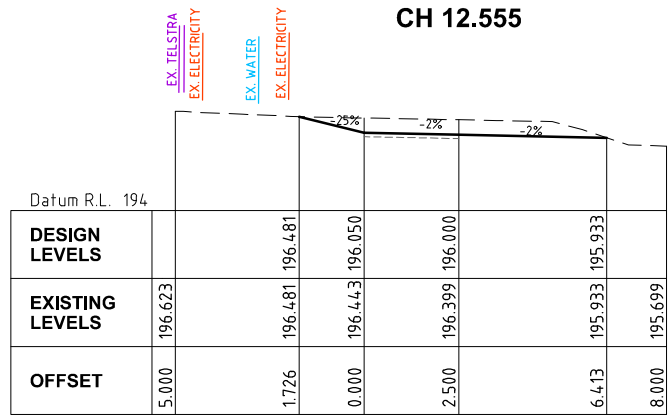
LONGITUDINAL SECTION - EDGE OF SHARED PATH
SCALE 1:100

SURVEY STATIONS TABLE				
POINT #	EASTING	NORTHING	RL	DESCRIPTION
8000	323736.426	6270224.656	196.421	TRAVERSE STATION
8001	323717.127	6270310.986	197.301	TRAVERSE STATION
PM32571	323724.826	6270222.119	196.276	SURVEY PERMANENT MARK

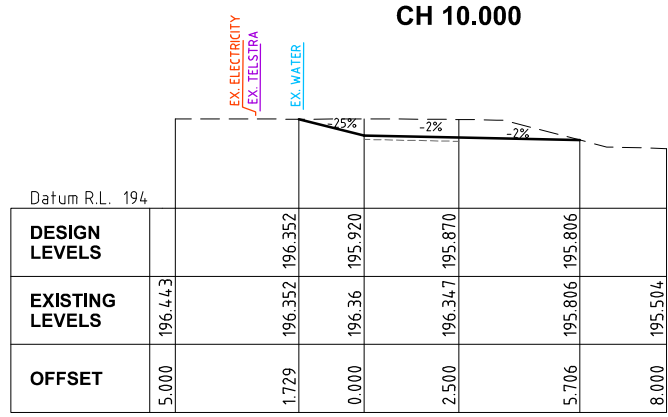
Hornsby Shire Council Design & Construction Branch TELEPHONE: 021 9847 6666 FACSIMILE: 021 9847 6999 Authorised for release - Manager Design & Construction Name: R. RAJCA Signed: Date:	Designer B RAJAKARUNA Signed:	Design Checked-Design Team Leader Signed:	Bar Scales SCALE 1:100 @ A1	HORNSBY SHIRE COUNCIL PO BOX 37, HORNSBY NSW 1630	PEATS FERRY ROAD HORNSBY PROPOSED SHARED PATH JERSEY LANE TO GALSTON ROAD (WESTERN SIDE) DETAILED PLAN, LONG SECTION & SETOUT PLAN BETWEEN WATSON AVENUE & HOUSE No.255	Project Number 100617
	Drawn B RAJAKARUNA Signed:	Surveyor NA Field Book Level Book AHD Datum	Project Identifier\CAD File Name H:\Peats Ferry Road_TR_100617\Design\Peats Ferry Road Shared Path Watson Ave.dwg			Sheet of 10 of 12 Issue 1
Issued Description Design not to be amended without authorisation by Manager Design & Construction	M DRAKE Name Initial Date	HGC Drawing Number 10.128				



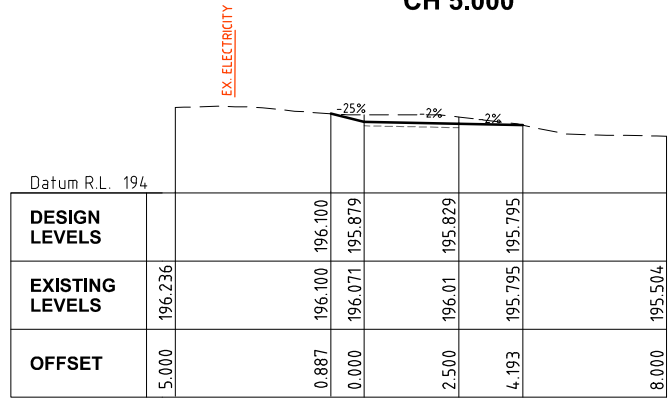
CH 12.555



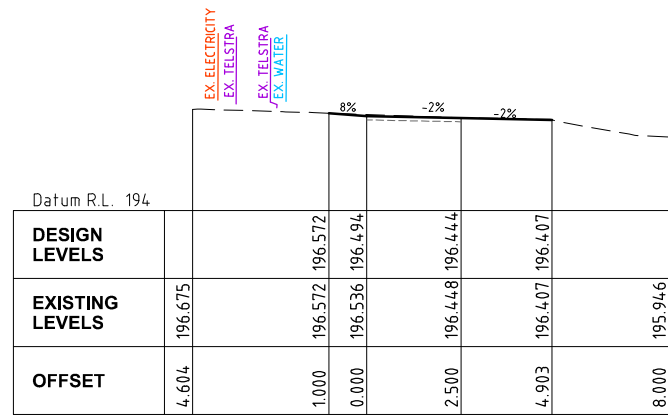
CH 10.000



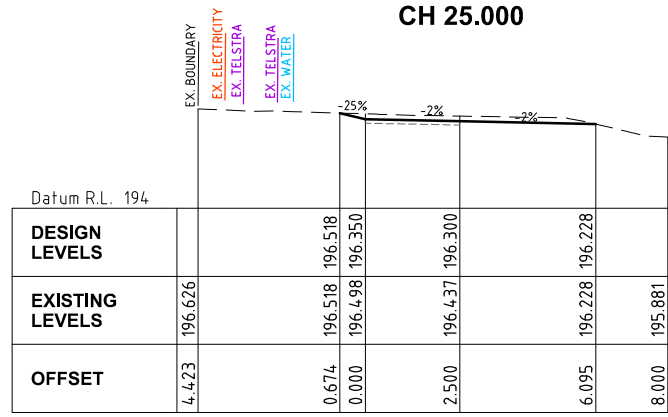
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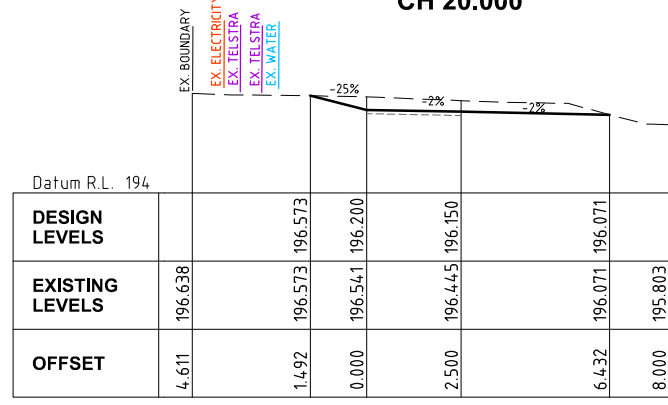
CH 2.553



CH 25.000



CH 20.000



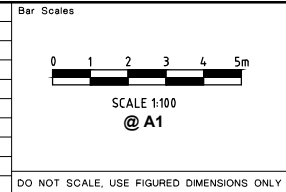
CH 15.000

CROSS SECTIONS

Hornsby Shire Council
Design & Construction
Branch
 TELEPHONE: (02) 9847 6666
 FACSIMILE: (02) 9847 6999
 Authorised for release - Manager Design & Construction
 Name: R. RAJCA Signed: Date:

Designer
 B RAJAKARUNA
 Design Checked-Design Team Leader
 Signed:
 Drawn
 B RAJAKARUNA
 Drawing Checked
 Signed:
 Surveyor
 NA
 Project Identifier\\CAD File Name
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 TRM Document Number
 D080014596

1	ISSUED FOR CONSTRUCTION	M DRAKE		
Issue	Description	Name	Initial	Date
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PEATS FERRY ROAD HORNSBY
PROPOSED SHARED PATH
JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)
 CROSS SECTIONS
 BETWEEN WATSON AVENUE & HOUSE No.255

Project Number	100617		
Sheet of	11	12	Issue 1
HSC Drawing Number	10.128		



LEGEND

-  EXISTING TREE
-  EXISTING TREE TO BE REMOVED.
-  PROPOSED TREE & TYPE OF TREE.

GENERAL PLANTING NOTES:

1. ALL TIMBER IN CONTACT WITH GROUND TO BE CLASS 1 DURABILITY HARDWOOD OR EQUIVALENT TREATED PINE.
2. CHECK FOR UNDERGROUND SERVICES PRIOR TO EXCAVATING FOR PLANTING TRENCH.
3. DO NOT LOCATE TREES WITHIN 4m OF STREET LIGHTS.
4. DO NOT LOCATE TREES WITHIN 3m OF DRIVEWAYS.
5. DO NOT LOCATE TREES WITHIN 3m OF STORMWATER PITS.
6. HAND DIG HOLES 1.5 TIMES DIAMETER OF POT/BAG.
7. ENSURE REMOVED SOIL IS WELL SHAKEN UP INTO FINE MATERIAL.
8. WHERE HEAVY CLAY PRESENT, ADD GYPSUM AS PER MANUFACTURERS RECOMMENDED INSTRUCTIONS.
9. HOLE TO BE 50mm BELOW POT DEPTH.

WARNING

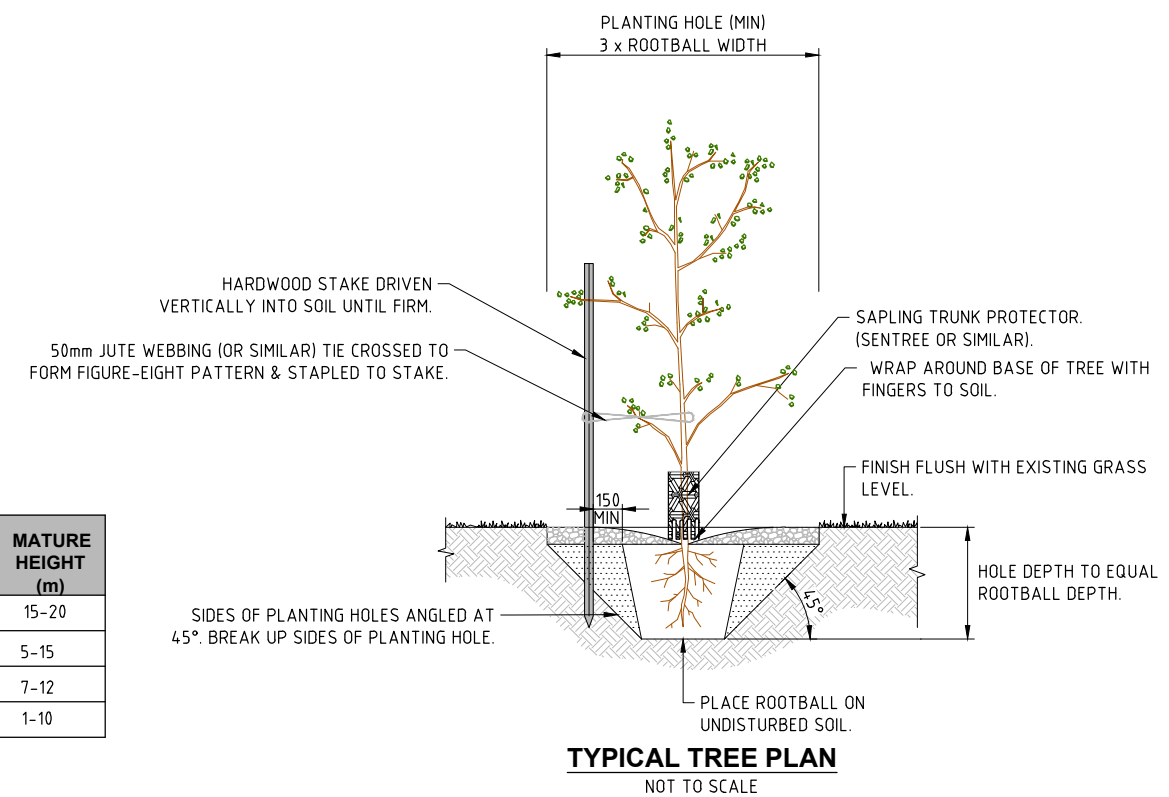
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PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE	TOTAL No.	MATURE HEIGHT (m)
Ac	ANGOPHORA COSTATA	SYDNEY RED GUM	25L	3	15-20
Tl	TRISTANIOPSIS LAURINA	WATER GUM	25L	8	5-15
Tu	TRISTANIOPSIS LUSCIOUS	WATER GUM	25L	4	7-12
Cc	CALLISTEMEN CITRINUS	CRIMSON BOTTLEBRUSH	25L	3	1-10

LANDSCAPING PLAN

NOT TO SCALE



TYPICAL TREE PLAN

NOT TO SCALE

**Hornsby Shire Council
 Design & Construction
 Branch**

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**PEATS FERRY ROAD HORNSBY
 PROPOSED SHARED PATH
 JERSEY LANE TO GALSTON ROAD (WESTERN SIDE)**

LANDSCAPING PLAN & TREE PLANTING DETAILS.

Project Number	100617		
Sheet of	12	12	Issue 1
HGC Drawing Number	10.128		