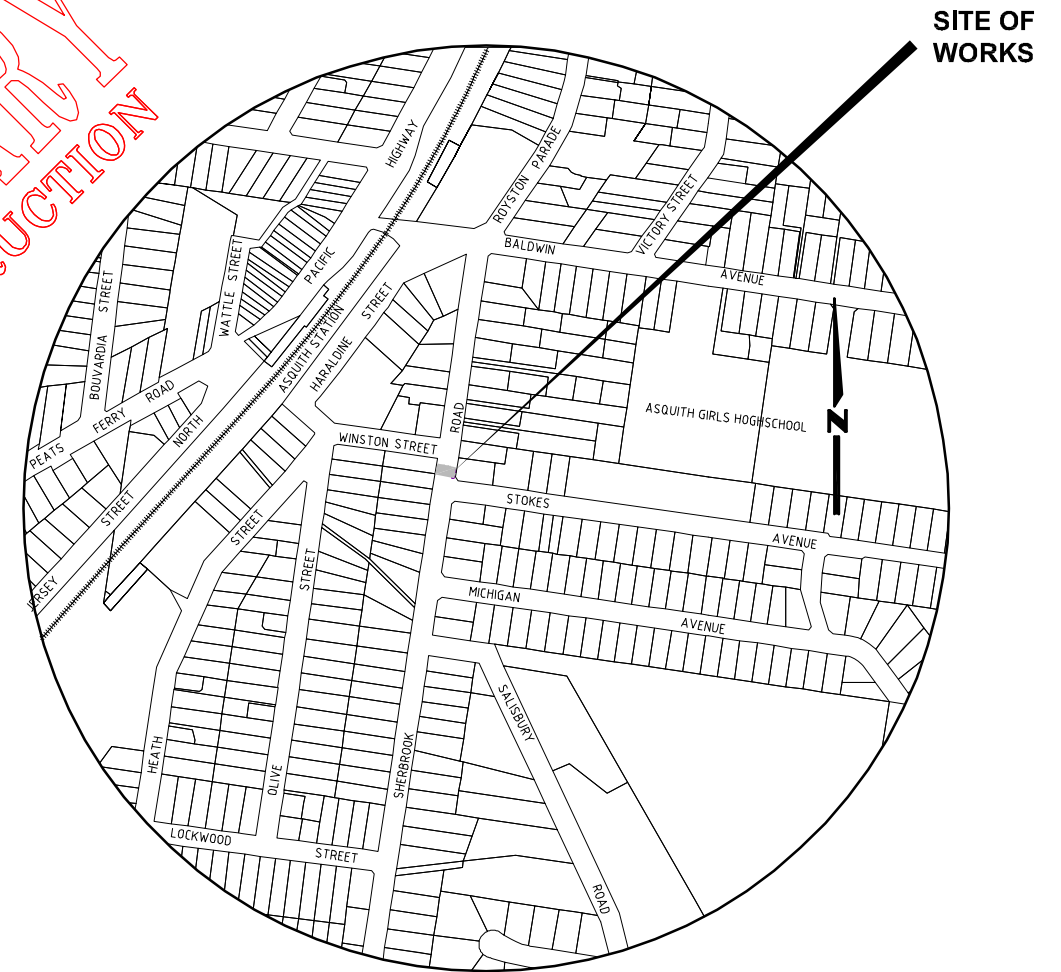


# SHERBROOK ROAD, ASQUITH PROPOSED RAISED PEDESTRIAN CROSSING

DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LOCALITY PLAN, GENERAL NOTES & LEGEND.	1
2	GENERAL WORKS & SERVICES PLAN.	1
3	SETOUT PLAN & CONCRETE JOINT DETAILS.	1
4	SECTIONS & CONCRETE NOTES.	1
5	SIGNS & LINE MARKING PLAN.	1



**LOCALITY PLAN**  
NOT TO SCALE

### LEGEND

	EXISTING KERB & GUTTER.
	EXISTING STORMWATER PIPE.
	EXISTING CONCRETE PATH EDGE.
	EXISTING POWER POLE.
	EXISTING TELSTRA PIT.
	EXISTING SEWER MAIN.
	EXISTING U/G ELECTRICAL CABLES.
	EXISTING GAS MAIN.
	EXISTING OVERHEAD ELECTRICAL CABLES.
	NEW BROOMED FINISH 25MPa CONCRETE MEDIAN INFILL (COLOUR: TERRACOTTA). REFER TO SHEET No.3 FOR DETAILS.
	EXTENT OF KERB RAMP RECONSTRUCTION.
	EXTENT OF RAISED PEDESTRIAN CROSSING. 200mm THICK REINFORCED CONCRETE WITH TWO LAYERS OF SL82 MESH.
	PROPOSED BARRIER KERB (TYPE SM).

### GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS & REQUIREMENTS OF HORNSBY SHIRE COUNCIL.
- 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 INCLUDING FENCES, GATES, DRIVEWAYS ETC. ARE TO BE REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE (COVERED WITH MULCH) AT THE COMPLETION OF THE WORKS.
- PROVIDE TRAFFIC MANAGEMENT, LINEMARKING & SIGNAGE IN ACCORDANCE WITH "THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AS1742 REQUIREMENTS.
- APPROVED BY LOCAL TRAFFIC COMMITTEE ON XX/XX/2017 REF: LTC xx/2017.

**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 Signed:	Design Checked-Design Team Leader Signed:
Drawn B RAJAKARUNA Signed:	Drawing Checked Signed:
Surveyor R.TERTELI	NA NA AHD Field Book Level Book Datum
Project Identifier\CAD File Name H:\Branch - Design and Construction\PROJECTS\Sherbrook Rd_TR_XXXX\Design	
TRIM Document Number D07329720	Issue

1	ISSUED FOR CONSTRUCTION	M. NOBILLO		
	Description	Name	Initial	Date
Design not to be amended without authorisation by Manager Design & Construction				

Bar Scales  
NOT TO SCALE  
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

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SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630  
DX 9655 HORNSBY

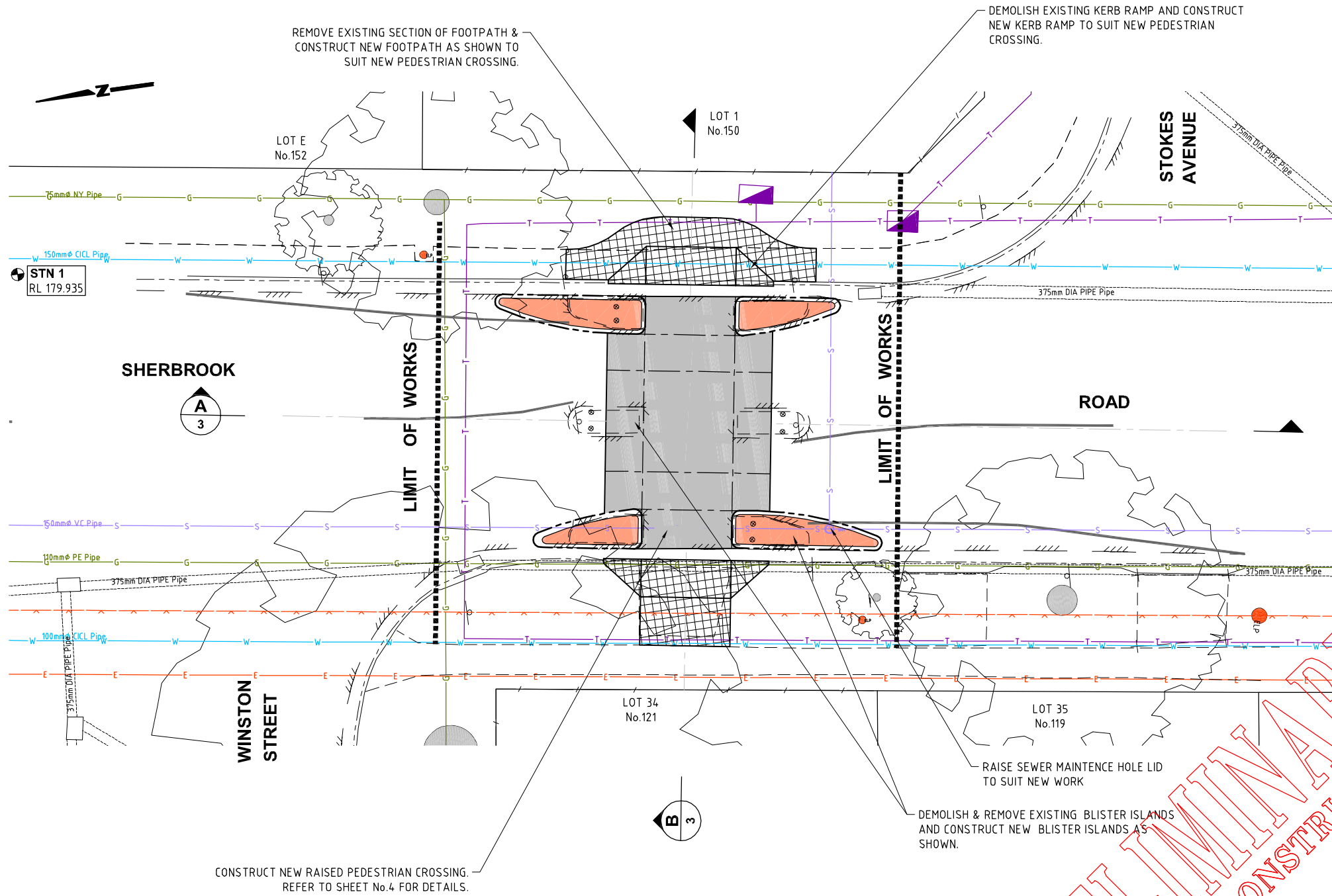
**SHERBROOK ROAD, ASQUITH  
PROPOSED RAISED PEDESTRIAN CROSSING**

**DRAWING SCHEDULE, LOCALITY PLAN, GENERAL NOTES &  
LEGEND.**

**TRAFFIC  
& ROAD SAFETY  
BRANCH**

Senior Traffic Engineer  
Name: R. ZARZYCKI Telephone: 9847 6684  
Accepted as complying with the general intent of the design brief  
Signed: Date:

Project Number <b>100197</b>
Sheet of <b>1 5</b>
Issue <b>1</b>
HSC Drawing Number <b>352.24</b>



**CONCRETE NOTES:**  
(USING STEEL REINFORCED CONCRETE U.N.O.)

1. MATERIALS & CONSTRUCTION: TO AS 3600, AS 3610.  
STEEL REINFORCEMENT MATERIALS: TO AS 4671.
2. CONCRETE QUALITY: TO AS 1379  
READY MIX CONCRETE: TO AS 1379  
a) DO NOT USE ADMIXTURES WITHOUT WRITTEN APPROVAL FROM CONSTRUCTION ENGINEER.  
b) CEMENT: TYPE 'GP' OR 'GB' TO AS 3972.  
c) MAXIMUM SIZE OF COARSE AGGREGATE: 20mm.  
d) CONCRETE SLUMP: 80mm U.N.O.
3. VERIFY STRENGTH BY PRODUCTION CONTROL TESTING TO AS 1379.
4. NO UNSPECIFIED HOLES, PIPES, CONDUITS OR CHASES ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM CONSTRUCTION ENGINEER.
5. STRUCTURAL DIMENSIONS DO NOT INCLUDE TOPPINGS OR FINISHES.
6. FORM CONSTRUCTION JOINTS ONLY AT LOCATIONS SHOWN ON DRAWINGS. DO NOT VARY WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
7. PREPARE COLD JOINTS BY LIGHT SCABBLING, REMOVAL OF DEBRIS & WASHING WITH CLEAN WATER.
8. FOUNDATION MATERIALS MUST BE CAPABLE OF WITHSTANDING A SAFE BEARING PRESSURE OF 100kPa. VERIFY & RECORD THE BEARING CAPACITY BEFORE ANY CONCRETE IS PLACED.
9. DO NOT PLACE CONCRETE UNTIL REINFORCEMENT (IF USED) & FORMWORK ARE INSPECTED BY SUPERVISING ENGINEER.
10. THOROUGHLY CLEAN OUT ALL FORMWORK PRIOR TO POURING.
11. 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.
12. DO NOT PLACE CONCRETE WHEN THE CONCRETE TEMPERATURE AT THE TIME OF DELIVERY EXCEEDS 35°C.
13. 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.
14. VIBRATE CONCRETE DURING PLACEMENT TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION.
15. SURFACE FINISH - REFER TO DRAWINGS FOR DETAILS.
16. COMMENCE CURING OF ALL CONCRETE SURFACES IMMEDIATELY ON FINISHING & CONTINUE FOR 7 DAYS MIN.
17. EXPANSION JOINTS & ISOLATION JOINTS ARE TO BE SEALED TO MANUFACTURER'S SPECIFICATIONS WITH A GUN GRADE POLYURETHANE LOW MODULUS SELF PRIMING SEALANT EQUAL TO 'TREMCO DYMONIC NT' (+100%, -50% MOVEMENT CAPACITY). SEALANT COLOUR AS SPECIFIED IN PROJECT DRAWINGS.

ELEMENT	CHARACTERISTIC CONCRETE STRENGTH(f'c) AT 28 DAYS	COVER	SPECIAL REQUIREMENTS
PLATFORM AND RAMPS	S 32 (U.N.O.)	AS DETAILED	BROOM FINISH
KERB RAMP	S 25 (U.N.O.)	AS DETAILED	BROOM FINISH

**PLAN**

PRELIMINARY  
 NOT FOR CONSTRUCTION

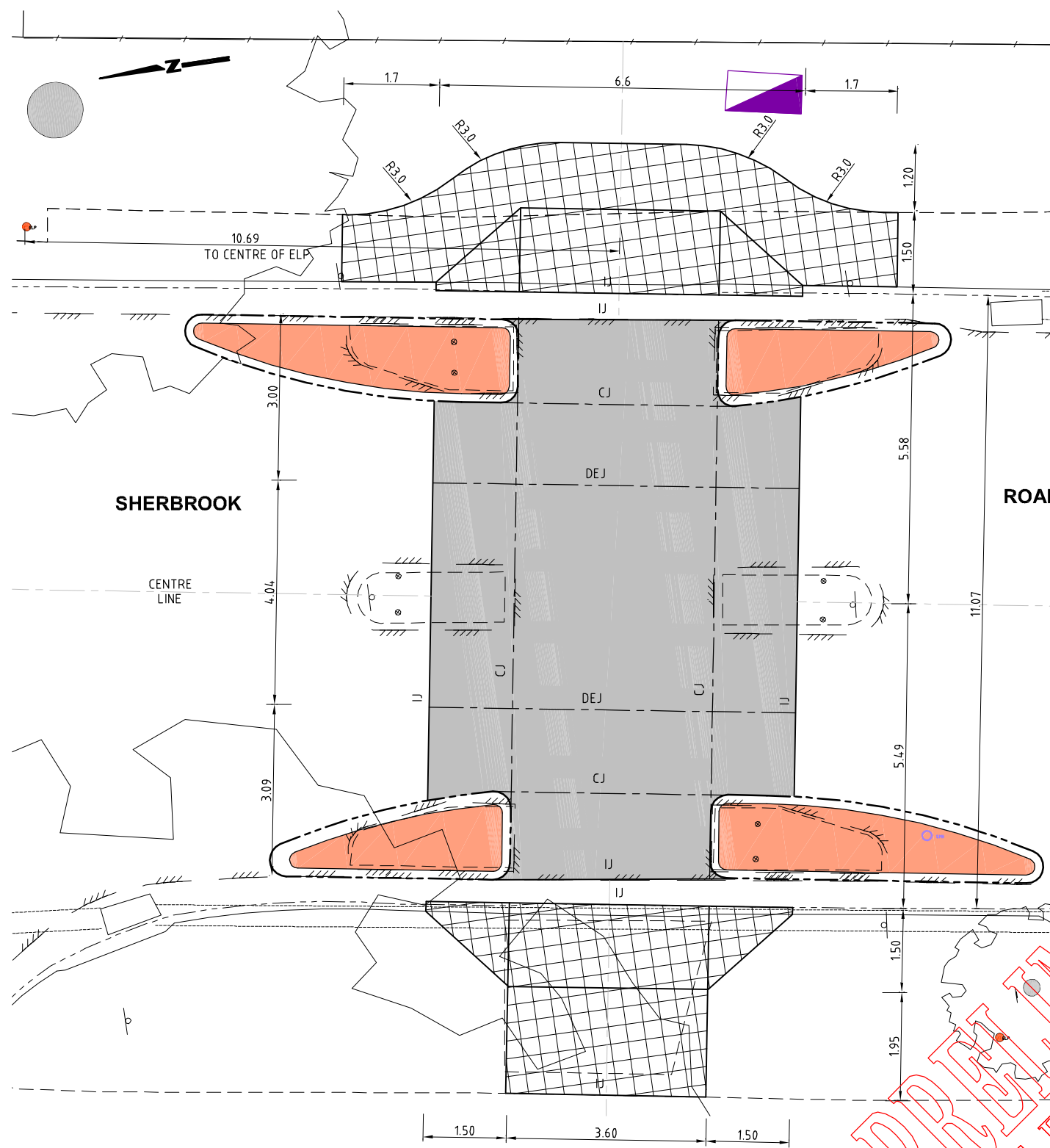
**WARNING**

**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.

REFER TO SHEET No.3 FOR SETOUT & CONCRETE JOINT DETAILS.

REFER TO SHEET No.5 FOR SIGNS AND LINE MARKING DETAILS.

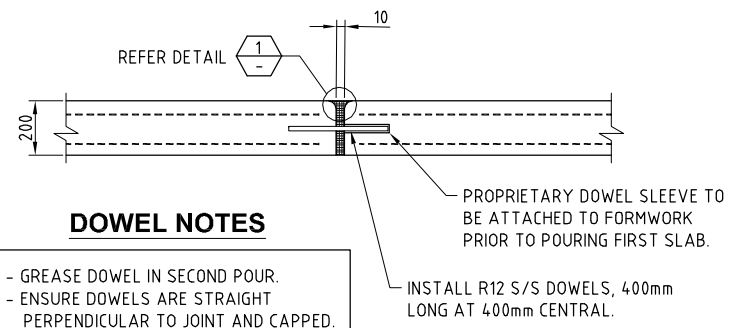
<b>Hornsby Shire Council</b> <b>Design &amp; Construction</b> <b>Branch</b> <small>TELEPHONE: (02) 9847 6666          FACSIMILE: (02) 9847 6999</small> <small>Authorised for release - Manager Design &amp; Construction          Name: R. RAJCA Signed: _____ Date: _____</small>	<small>Designer</small> B RAJAKARUNA <small>Signed</small> <small>Drawn</small> B RAJAKARUNA <small>Signed</small> <small>Surveyor</small> R.TERTELI <small>Project Identifier \ CAD File Name</small> H:\Branch - Design and Construction\PROJECTS\Sherbrook Rd_TR_XXXX\Design	<small>Design Checked-Design Team Leader</small> <small>Signed</small> <small>Drawing Checked</small> <small>Signed</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">NA</td> <td style="width: 33%;">NA</td> <td style="width: 33%;">AHD</td> </tr> <tr> <td>Field Book</td> <td>Level Book</td> <td>Datum</td> </tr> </table>	NA	NA	AHD	Field Book	Level Book	Datum	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1</td> <td style="width: 33%;">ISSUED FOR CONSTRUCTION</td> <td style="width: 33%;">M. NOBILO</td> </tr> <tr> <td>Issue</td> <td>Description</td> <td>Name</td> </tr> <tr> <td> </td> <td> </td> <td>Initial</td> </tr> <tr> <td> </td> <td> </td> <td>Date</td> </tr> </table>	1	ISSUED FOR CONSTRUCTION	M. NOBILO	Issue	Description	Name			Initial			Date	<small>Bar Scales</small>  SCALE 1:100 @ A1 <small>DO NOT SCALE, USE FIGURED DIMENSIONS ONLY.</small>	 <b>HORNSBY SHIRE COUNCIL</b> <small>PO BOX 37, HORNSBY NSW 1630          DX 9655 HORNSBY</small>	<b>SHERBROOK ROAD, ASQUITH</b> <b>PROPOSED RAISED PEDESTRIAN CROSSING</b> <b>GENERAL WORKS &amp; SERVICES PLAN &amp; CONCRETE NOTES.</b>	<small>Project Number</small> <b>100197</b> <small>Sheet of</small> <b>2 5</b> <small>HSC Drawing Number</small> <b>352.24</b>
	NA	NA	AHD																						
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**SETOUT & CONCRETE JOINT PLAN**

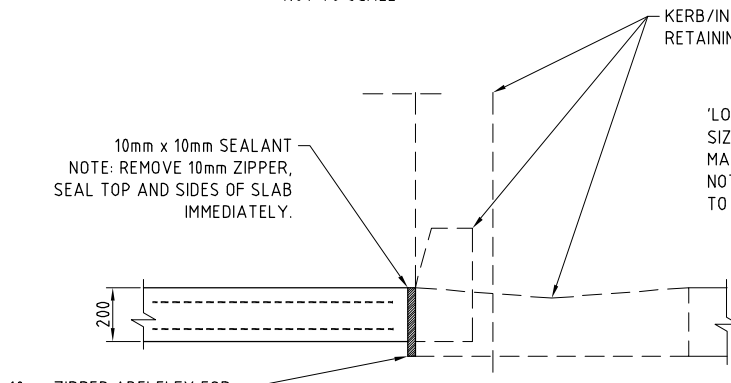
**DOWEL NOTES**

- GREASE DOWEL IN SECOND POUR.
- ENSURE DOWELS ARE STRAIGHT PERPENDICULAR TO JOINT AND CAPPED.
- DO NOT DISPLACE DURING POUR.



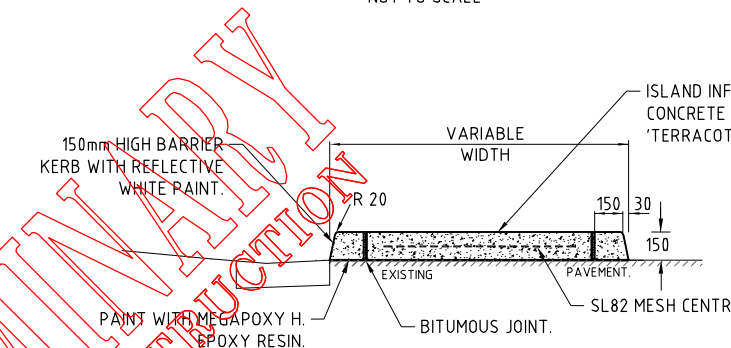
**DOWELLED EXPANSION JOINT (DEJ)**

NOT TO SCALE



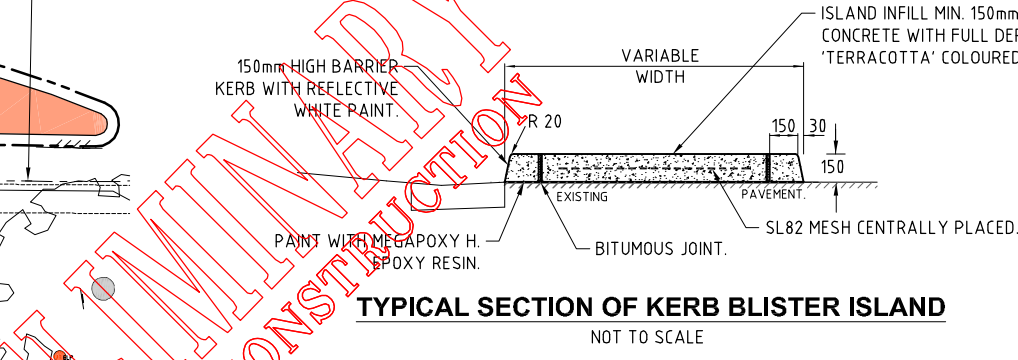
**ISOLATION JOINT (I.J.)**

NOT TO SCALE



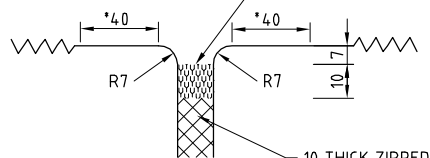
**TYPICAL SECTION OF KERB BLISTER ISLAND**

NOT TO SCALE



**\*TOOLED FINISH**

THE SAME TOOL EDGE FINISHING PROFILE TO BE APPLIED AT ALL JOINTS AND ALONG SIDES OF PATH.

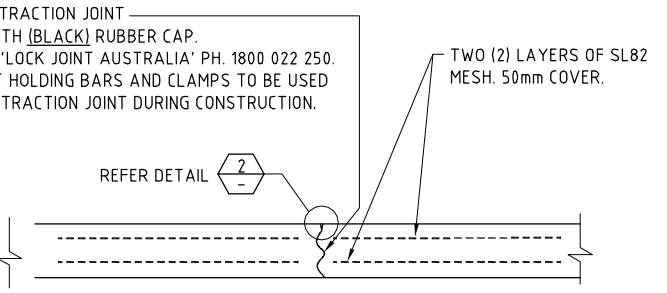


**DETAIL 1**

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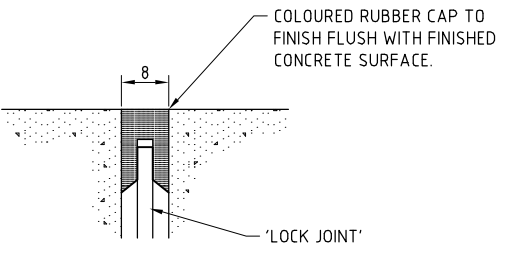
**CONTRACTION JOINT (C.J.)**

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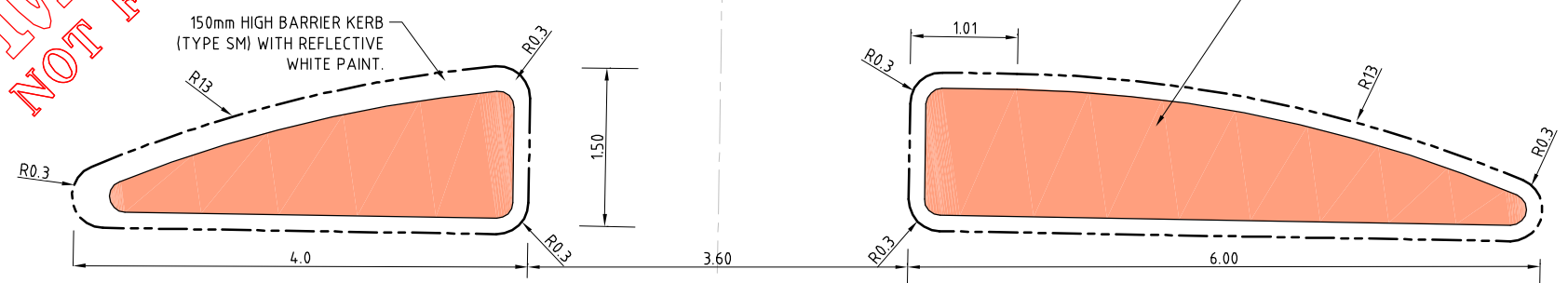
**DETAIL 2**

NOT TO SCALE



**TYPICAL KERB BLISTER ISLAND SETOUT PLAN**

NOT TO SCALE



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Drawn B RAJAKARUNA	Drawing Checked Signed: _____
Surveyor R.TERTELI	NA Field Book
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Bar Scales

SCALE 1:100 @ A1

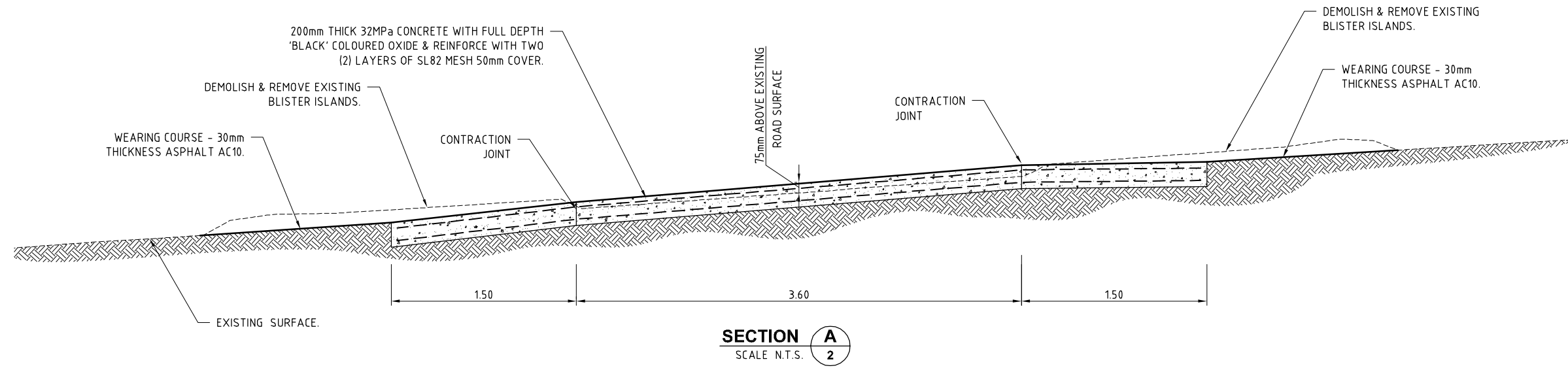
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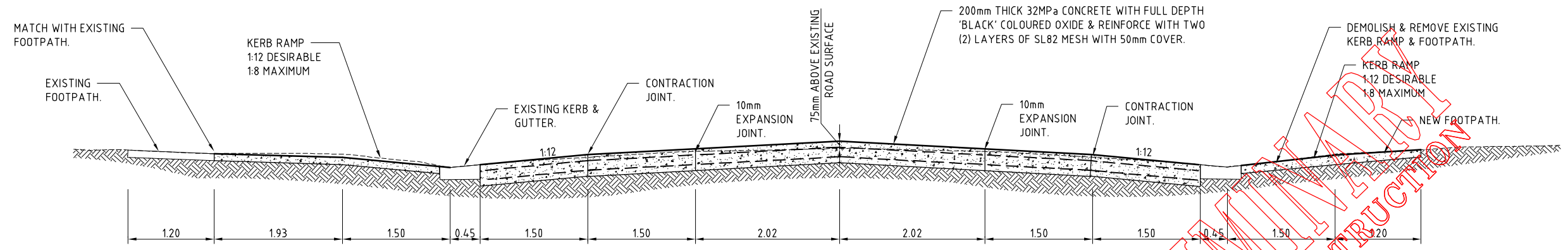
**SHERBROOK ROAD, ASQUITH**  
**PROPOSED RAISED PEDESTRIAN CROSSING**

SETOUT PLAN & CONCRETE JOINT DETAILS.

Project Number 100197	Sheet 3	of 5	Issue 1
HSC Drawing Number 352.24			



**SECTION A**  
SCALE N.T.S. 2



**SECTION B**  
SCALE N.T.S. 2

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**SHERBROOK ROAD, ASQUITH  
PROPOSED RAISED PEDESTRIAN CROSSING**

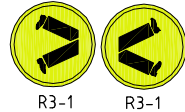
SECTIONS.

Project Number <b>100197</b>	Sheet <b>4</b>	of <b>5</b>	Issue <b>1</b>
HSC Drawing Number <b>352.24</b>			

INSTALL ADVANCED WARNING SIGN (W6-2) 80-120m FROM PEDESTRIAN CROSSING.



REMOVE EXISTING PEDESTRIAN SIGN & INSTALL NEW R3-1 SIGNS ON EXISTING POLE.



EXISTING NO STOPPING SIGN TO REMAIN.



No.152

STOKES AVENUE



STN 1  
RL 179.935

SHERBROOK ROAD

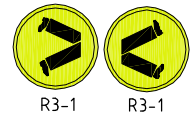
ROAD

LIMIT OF WORKS

LIMIT OF WORKS

PRELIMINARY  
NOT FOR CONSTRUCTION

REMOVE EXISTING PEDESTRIAN SIGN & PLACE NEW R3-1 SIGNS ON EXISTING POLE.



EXISTING NO STOPPING SIGN TO REMAIN.



INSTALL ADVANCED WARNING SIGN (W6-2) 80-120m FROM PEDESTRIAN CROSSING.



W6-2

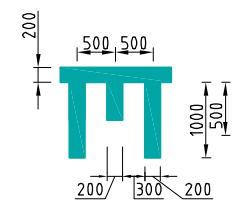
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**LINE MARKING NOTES**

- SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES/ AS1742 REQUIREMENTS.
- WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED & REUSED TO SUIT NEW WORK.
- KERB ON MEDIAN ISLAND SHALL BE PAINTED WITH REFLECTIVE WHITE PAINT.
- TEMPORARY 'CHANGED TRAFFIC CONDITIONS AHEAD' (T1-23) SIGNS TO BE INSTALLED ON ALL APPROACHES APPROXIMATELY 100m FROM LIMIT OF WORKS (TYPICAL) AT THE COMMENCEMENT OF WORKS & UNTIL 6 MONTHS AFTER COMPLETION.
- APPROVED BY LOCAL TRAFFIC COMMITTEE X/0X/2017 - REFERENCE: XX/2017.

**LINE MARKING LEGEND**

- PROPOSED LINE MARKING.
- EXISTING LINE MARKING.
- ↑ EXISTING SIGN.
- ↑ NEW SIGN.



**PIANO BAR LINE MARKING**

SCALE 1:50

\* INSTALL ZIG-ZAG PAVEMENT MARKING IN ADVANCE OF CROSSING IN ACCORDANCE WITH RMS GUIDELINES. (REFER TO RMS DELINEATION, SECTION 7).

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**

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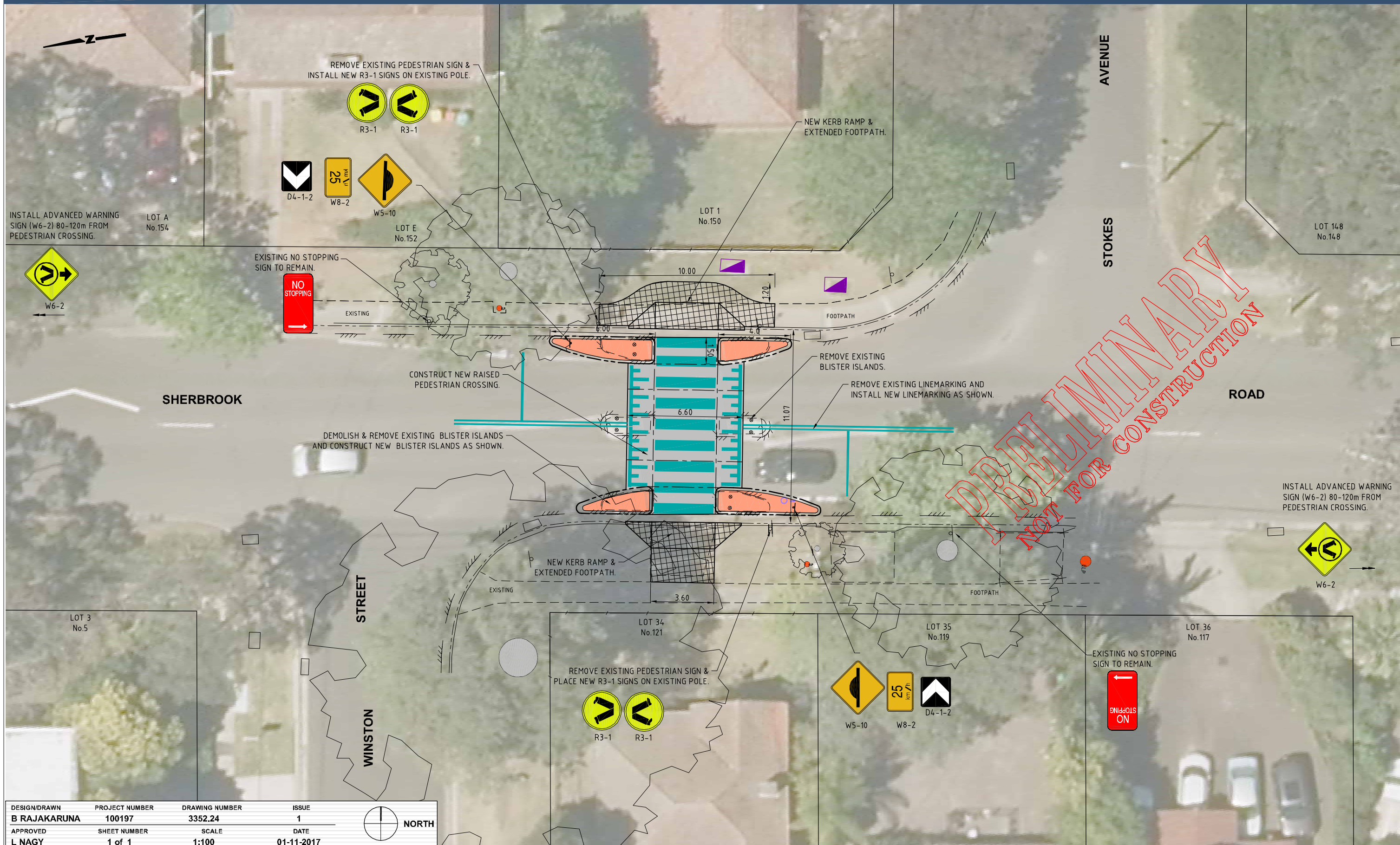
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Drawn B RAJAKARUNA	Drawing Checked Signed: _____				
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TRM Document Number D07329720	Issue	1	ISSUED FOR CONSTRUCTION	M. NOBILO	
Design not to be amended without authorisation by Manager Design & Construction			Description	Name	Initial Date

Bar Scales  
0 1 2 3 4 5m  
SCALE 1:100 @ A1  
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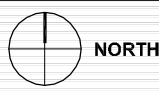
**SHERBROOK ROAD, ASQUITH**  
**PROPOSED RAISED PEDESTRIAN CROSSING**

**SIGNS & LINEMARKING PLAN.**

Project Number <b>100197</b>	Sheet of <b>5 5</b>	Issue <b>1</b>
HSC Drawing Number <b>352.24</b>		



DESIGN/DRAWN	PROJECT NUMBER	DRAWING NUMBER	ISSUE
B RAJAKARUNA	100197	3352.24	1
APPROVED	SHEET NUMBER	SCALE	DATE
L NAGY	1 of 1	1:100	01-11-2017



Traffic and Road Safety Branch  
 Hornsby Shire Council  
 296 Peats Ferry Road, Hornsby  
 PO Box 37, Hornsby NSW 1630  
 Telephone 9847 6666  
 8.30am-5pm Monday to Friday  
 hornsby.nsw.gov.au

**SHERBROOK ROAD, ASQUITH  
 PROPOSED RAISED PEDESTRIAN CROSSING  
 CONCEPT PLAN**

