

QUARTER SESSIONS ROAD, WESTLEIGH PROPOSED RAISED PEDESTRIAN CROSSING

DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LOCALITY PLAN, GENERAL NOTES & LEGEND.	1
2	GENERAL WORKS & SERVICES PLAN & CONCRETE NOTES.	1
3	SETOUT PLAN & CONCRETE JOINT DETAILS.	1
4	SECTIONS A & B & KERB BLISTER ISLAND (EASTERN SIDE) SETOUT PLAN.	1
5	SIGNS & LINE MARKING PLAN.	1

LEGEND	
	EXISTING KERB & GUTTER.
	EXISTING STORMWATER PIPE.
	EXISTING CONCRETE PATH EDGE.
	EXISTING FENCE
	EXISTING TOP OF BANK
	EXISTING POWER POLE.
	EXISTING TELSTRA PIT.
	EXISTING SEWER MAINTENANCE HOLE.
	EXISTING HYDRANT
	EXISTING WATER STOP VALVE
	EXISTING WATER METER
	SURVEY TRAVERSE STATION
	EXISTING SEWER MAIN.
	EXISTING WATER MAIN.
	EXISTING U/G TELSTRA CABLES.
	EXISTING U/G ELECTRICAL CABLES.
	EXISTING OVERHEAD ELECTRICAL CABLES.
	EXTENT OF ROAD PAVEMENT TO REINSTATE AFTER REMOVAL OF ISLANDS
	NEW BROOMED FINISH 25MPa CONCRETE MEDIAN INFILL (COLOUR: TERRACOTTA). REFER TO SHEET No.3 FOR DETAILS.
	EXTENT OF RAISED PEDESTRIAN CROSSING. 200mm THICK REINFORCED CONCRETE WITH TWO LAYERS OF SL82 MESH.
	EXTENT OF NEW FOOTPATH CONSTRUCTION. ALL PATHS N25 CONCRETE 80mm THICK (COLOUR: PLAIN CONCRETE).
	PROPOSED BARRIER KERB
	EXISTING TREE

CHECK PRINT
NOT FOR CONSTRUCTION

- GENERAL NOTES:**
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL.
 - 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.
 - WHERE WORKS ARE ADJACENT TO EXISTING STRUCTURES UNDERTAKE A DILAPIDATION SURVEY OF EXISTING ADJACENT STRUCTURES BEFORE COMMENCEMENT OF ANY WORKS.



LOCALITY PLAN
NOT TO SCALE

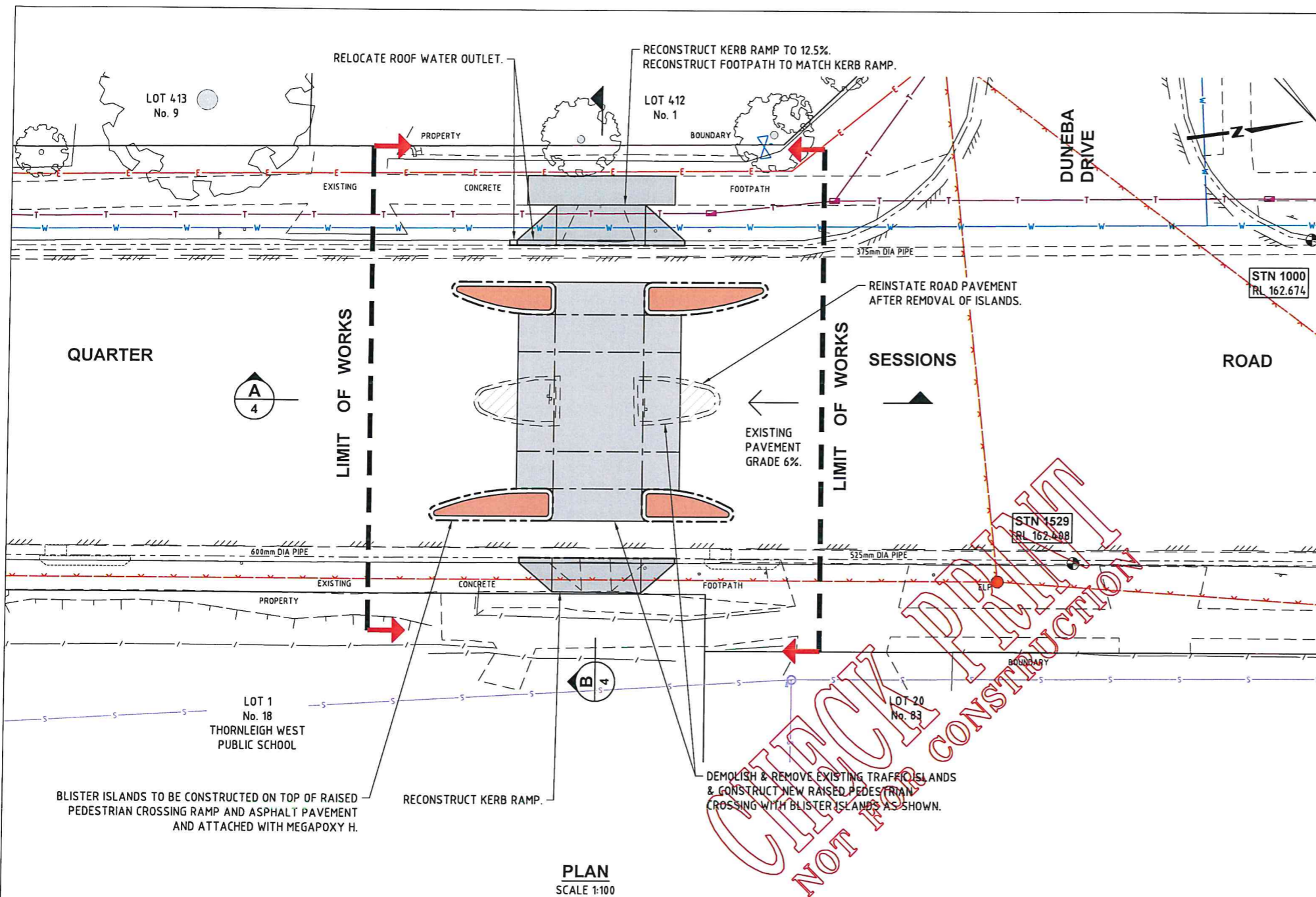
TRAFFIC & ROAD SAFETY BRANCH	
Senior Traffic Engineer	Name: R. ZARZYCKI Telephone: 9847 6684
Accepted as complying with the general intent of the design brief	
Signed:	Date:
Project Number	100800
Sheet of	1 5
Issue	1
HSC Drawing Number	628.21

**Hornsby Shire Council
Design & Construction Branch**
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Designer X. ZHENG	Design Checked-Design Team Leader Signed:	
Drawn X. ZHENG	Drawing Checked Signed:	
Surveyor J. HART	NA Field Book	NA Level Book
	AHD Datum	
Project Identifier \ CAD File Name H:\Quarter Sessions Rd TR 100800\Design\ACAD\Quarter Sessions Rd Ped Crossing.dwg		
TRIM Document Number XXX	Issue	Description
	1	ISSUED FOR CONSTRUCTION
		M. DRAKE
		Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction		

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HORNSBY SHIRE COUNCIL
PO BOX 37, HORNSBY NSW 1630

QUARTER SESSIONS ROAD, WESTLEIGH
PROPOSED RAISED PEDESTRIAN CROSSING
DRAWING SCHEDULE, LOCALITY PLAN, GENERAL NOTES & LEGEND



PLAN
SCALE 1:100

CONCRETE NOTES:

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

- MATERIALS & 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 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.
- VERIFY STRENGTH BY PRODUCTION CONTROL TESTING TO AS 1379.
- NO UNSPECIFIED HOLES, PIPES, CONDUITS OR CHASES ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM CONSTRUCTION ENGINEER.
- STRUCTURAL DIMENSIONS DO NOT INCLUDE TOPPING OR FINISHES.
- 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.
- FOUNDATION MATERIALS MUST BE CAPABLE OF WITHSTANDING A SAFE BEARING PRESSURE OF 100kPa. VERIFY & RECORD THE BEARING CAPACITY BEFORE ANY CONCRETE IS PLACED.
- FOR RAISED PEDESTRIAN CROSSING FOUNDATION, REMOVE ASPHALT, TRIM AND COMPACT.
- BLISTER ISLANDS TO BE CONSTRUCTED ON TOP OF RAISED PEDESTRIAN CROSSING RAMP AND ASPHALT PAVEMENT AND ATTACHED WITH MEGAPOXY H.
- 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 22km/h.
- DO NOT PLACE CONCRETE WHEN THE CONCRETE TEMPERATURE AT THE TIME OF DELIVERY EXCEEDS 35°C.
- 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 NOTE 2 ABOVE & DRAWINGS FOR DETAILS.
- 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 SHEET 3.

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

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.

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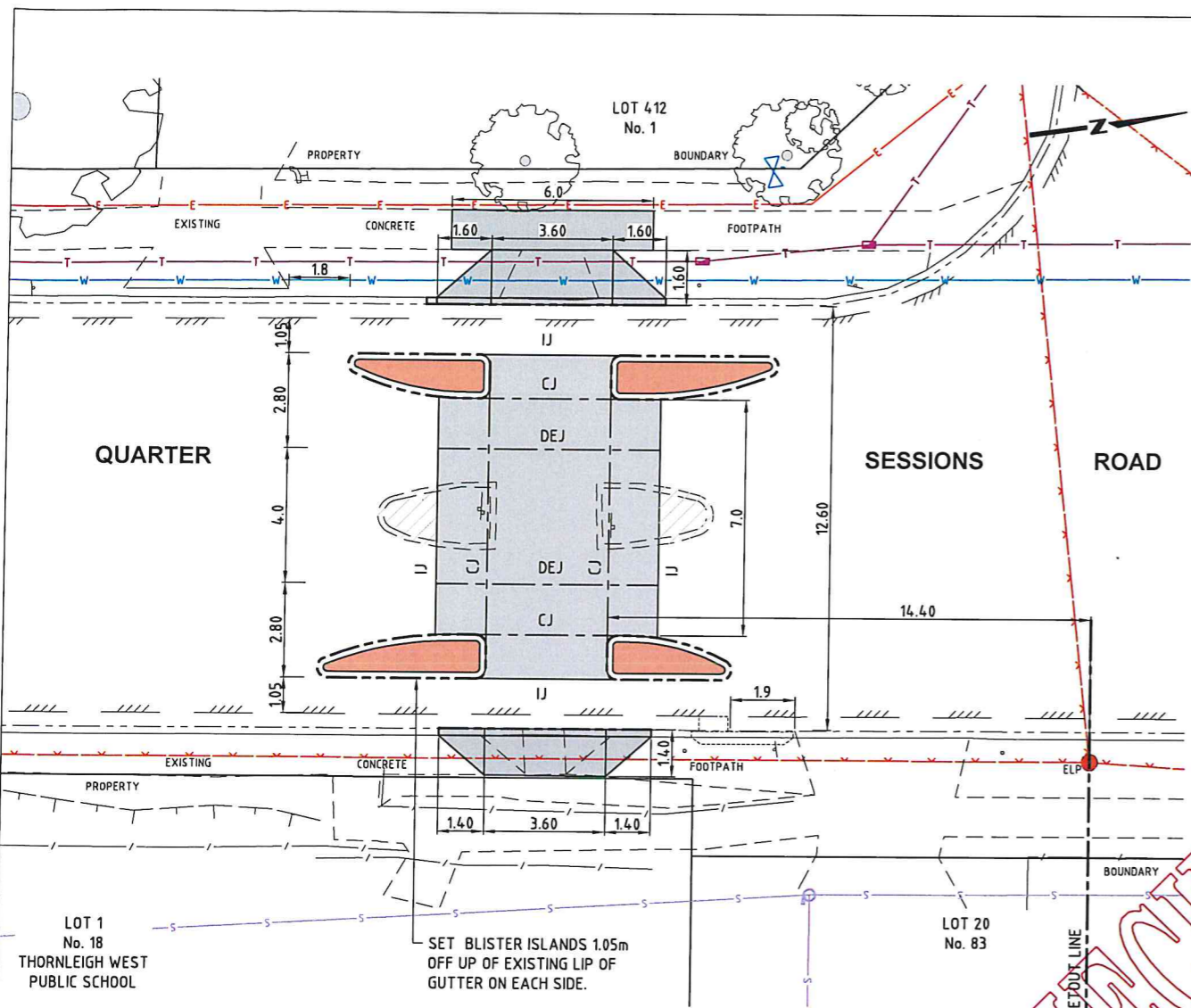
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Drawn X. ZHENG	Drawing Checked Signed:
Surveyor J. HART	NA NA AHD Field Book Level Book Datum
Project Identifier\CAD File Name H:\Quarter Sessions Rd. TR_10800\Design\ACAD\Quarter Sessions Rd Ped Crossing.dwg	
TRM Document Number XXX	

1	ISSUED FOR CONSTRUCTION	M. DRAKE		
Issue	Description	Name	Initial	Date
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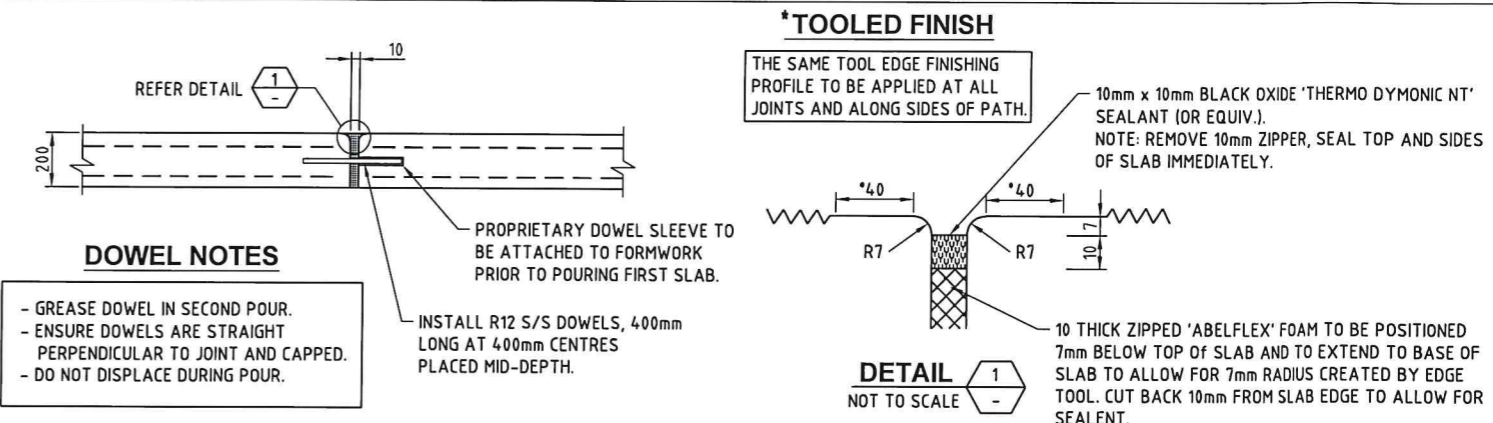
Bar Scales
0 1 2 3 4 5m
SCALE 1:100 @ A1
DRAFT
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HORNSBY SHIRE COUNCIL
PO BOX 37, HORNSBY NSW 1530

QUARTER SESSIONS ROAD, WESTLEIGH
PROPOSED RAISED PEDESTRIAN CROSSING
GENERAL WORKS & SERVICES PLAN & CONCRETE NOTES

Project Number 100800	Sheet 2	of 5	Issue 1
HSC Drawing Number 628.21			

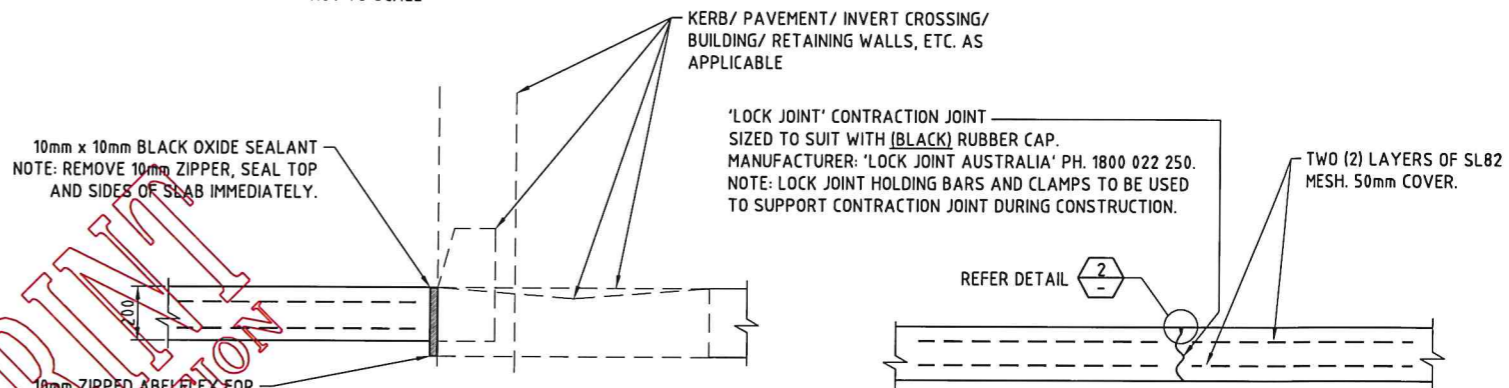


SETOUT & CONCRETE JOINT PLAN
SCALE 1:100



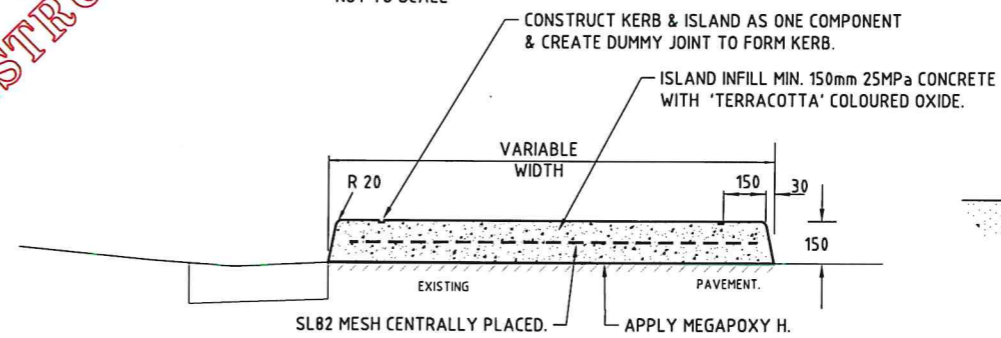
DOWELLED EXPANSION JOINT (DEJ)
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DETAIL 1
NOT TO SCALE

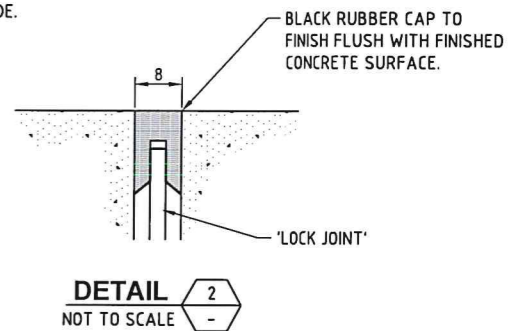


ISOLATION JOINT (IJ)
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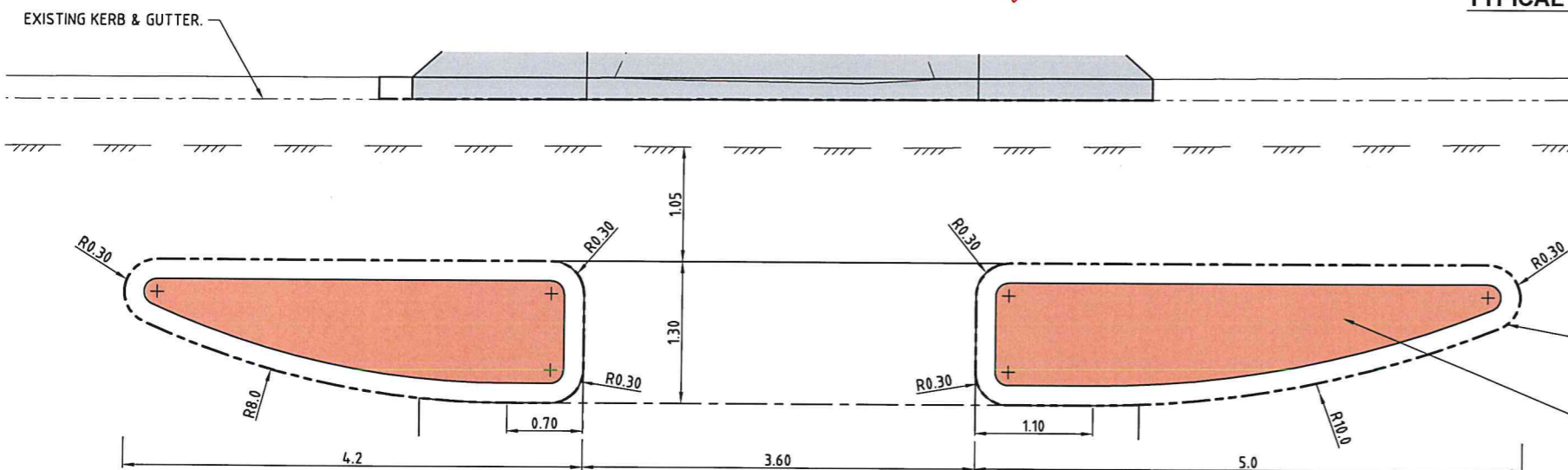
CONTRACTION JOINT (CJ)
NOT TO SCALE



TYPICAL SECTION OF KERB BLISTER ISLAND
NOT TO SCALE



DETAIL 2
NOT TO SCALE



KERB BLISTER ISLAND (WESTERN SIDE) SETOUT PLAN
NOT TO SCALE

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Design & Construction
Branch**

Designer	X. ZHENG	Design Checked-Design Team Leader	
Drawn	X. ZHENG	Signed:	
Surveyor	J. HART	Drawing Checked	
Project Identifier - \CAD File Name	H:\1\Quarter Sessions Rd_TR_100001\Design\ACAD\Quarter Sessions Rd Ped Crossing.dwg		
Field Book	NA	Level Book	AHD
Date			
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Description	ISSUED FOR CONSTRUCTION	Name	M. DRAKE
Initial		Initial	
Date		Date	

Bar Scales	0 1 2 3 4 5m
SCALE 1:100	@ A1
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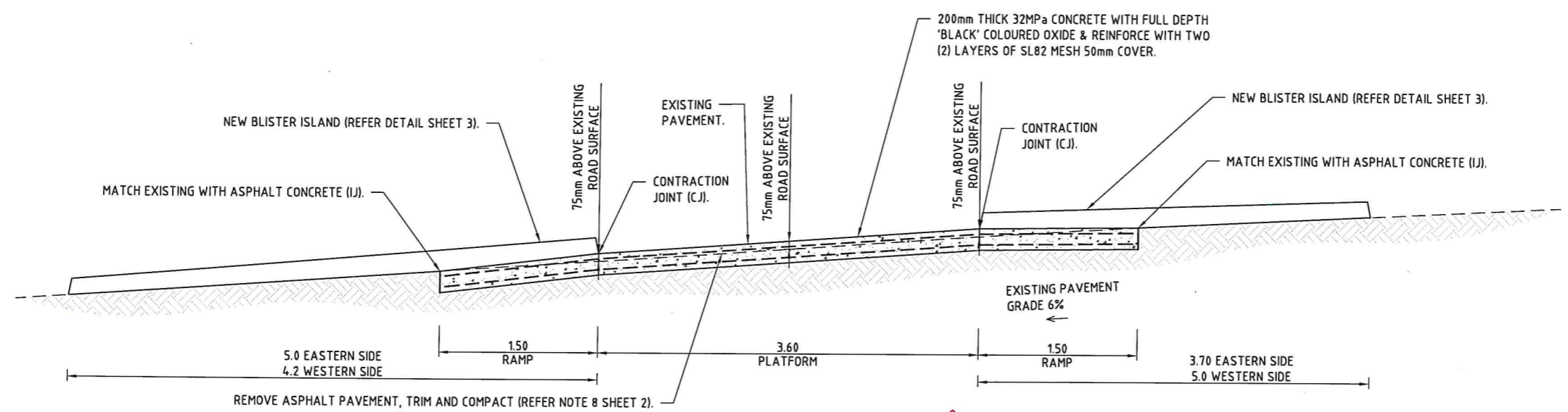
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Project Number	100800		
Sheet	3	of	5
Issue			1
HSC Drawing Number	628.21		

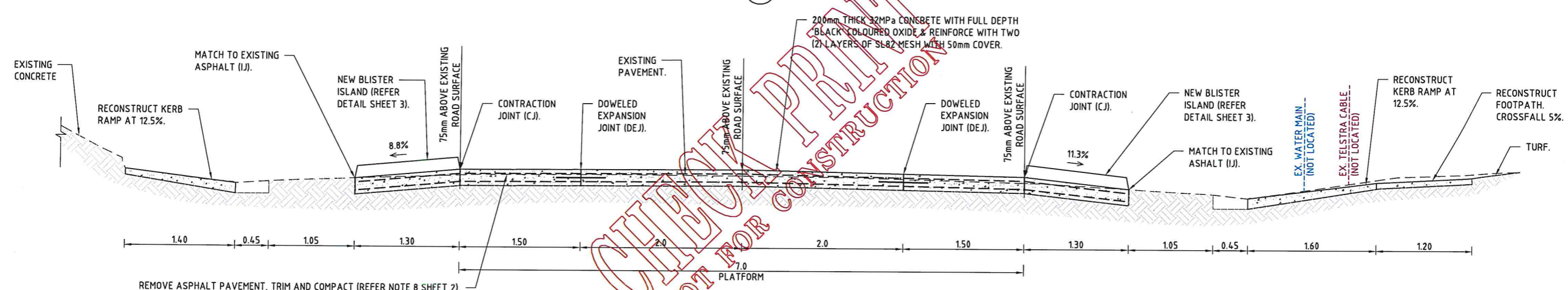
Authorised for release - Manager Design & Construction
Name: R. RAJCA Signed: Date:

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

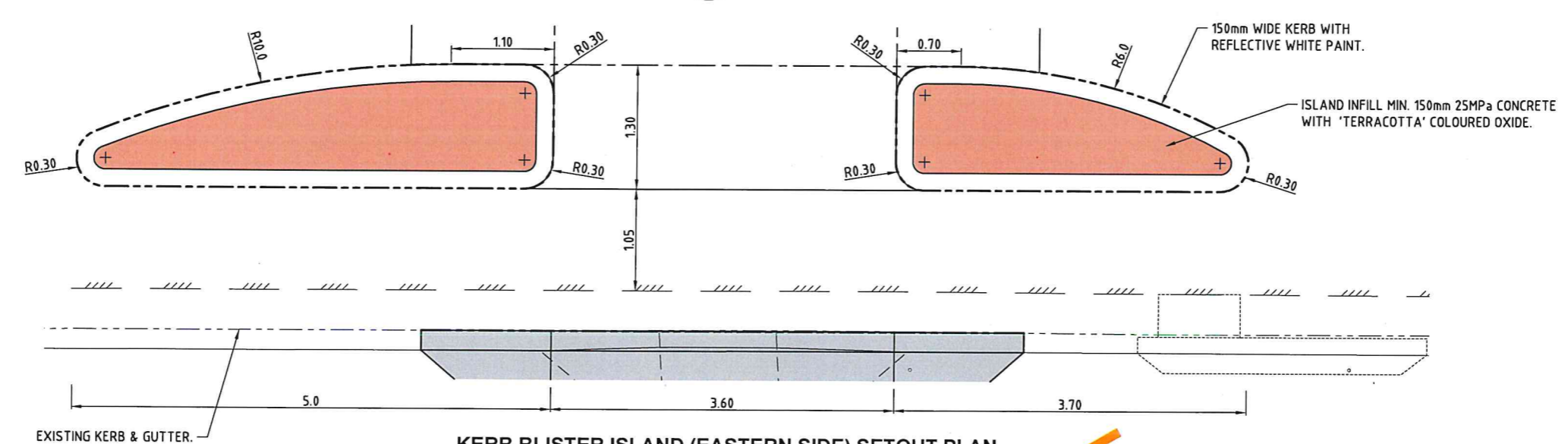
DD NOT SCALE, USE FIGURED DIMENSIONS ONLY



SECTION A
SCALE N.T.S. 2



SECTION B
SCALE N.T.S. 2



KERB BLISTER ISLAND (EASTERN SIDE) SETOUT PLAN
NOT TO SCALE

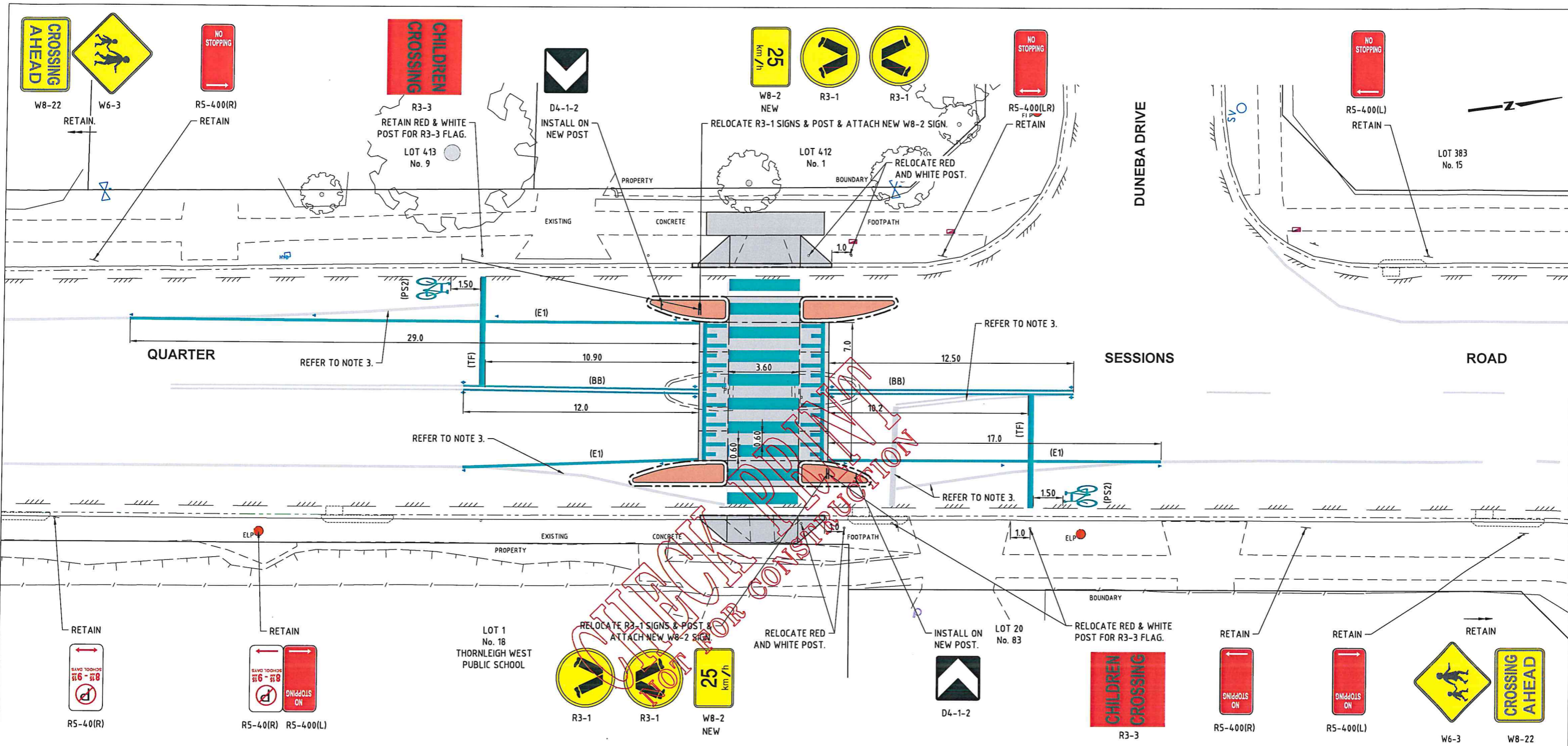
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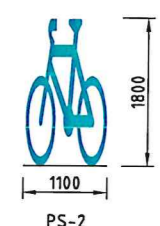
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QUARTER SESSIONS ROAD, WESTLEIGH
PROPOSED RAISED PEDESTRIAN CROSSING
SECTIONS A & B & KERB BLISTER ISLAND (EASTERN SIDE)
SETOUT PLAN

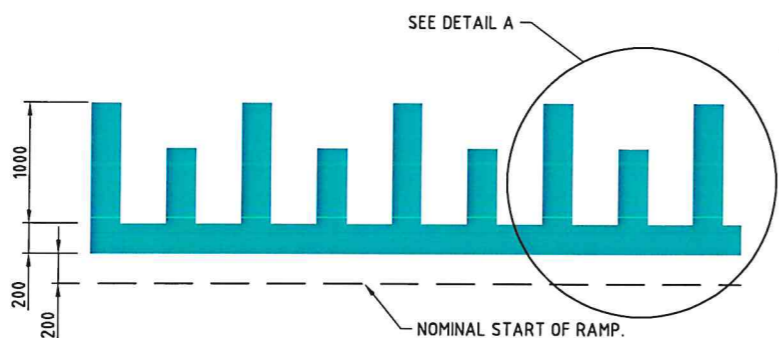
Project Number 100800	Sheet of 4 5	Issue 1
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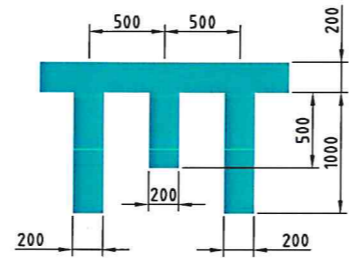
SIGNS & LINE MARKING PLAN
SCALE 1:100



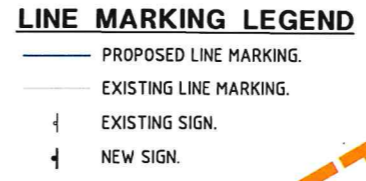
BICYCLE PAVEMENT SYMBOL
NOT TO SCALE



PAVEMENT MARKING FOR ROAD HUMPS
NOT TO SCALE



DETAIL A
NOT TO SCALE



LINE MARKING LEGEND

THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR

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.
- GRIND REDUNDANT LINE MARKING . REMOVE REDUNDANT RRPMS.
- KERB ON MEDIAN ISLANDS 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.
- REMOVE REDUNDANT RAISED PAVEMENT MARKERS (RPM) INSTALL 8 YY RPPMS AT NEW BB LINES AS SHOWN INSTALL 9 R RPPMS AT NEW E1 LINES AS SHOWN

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

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SIGNS & LINE MARKING PLAN

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Sheet of 5 5
Issue 1
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