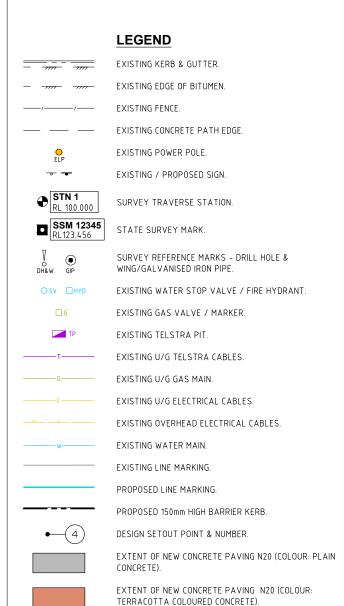
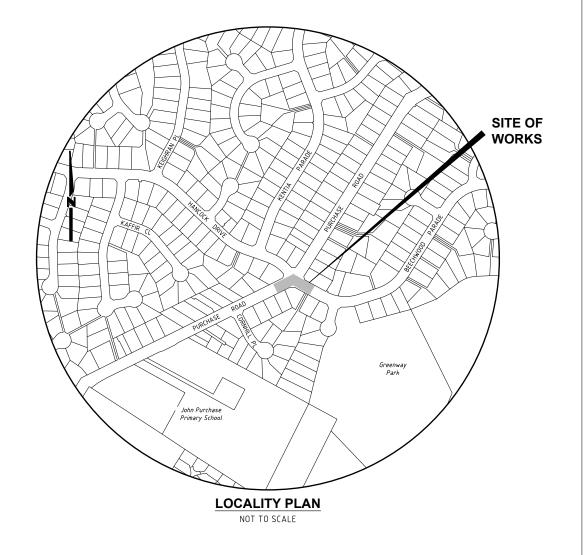
INTERSECTION OF BEECHWOOD PARADE & PURCHASE ROAD, CHERRYBROOK PROPOSED PEDESTRIAN SAFETY IMPROVEMENTS



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



Hornsby Shire Council
Design & Construction
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	S. COMISH	Signed:			
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•	Surveyor J. HART	NA Field Book	NA Level Book	AHD	
	Project Identifier\-\CAD File Name				
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INTERSECTION OF BEECHWOOD PARADE & PURCHASE RD, CHERRYBROOK PROPOSED PEDESTRIAN SAFETY IMPROVEMENTS

DRAWING SCHEDULE, LEGEND & LOCALITY PLAN

	& ROAD SAFETY BRANCH							
	Senior Traffic Engineer Name: R. ZARZYCKI Telephone: 984	7 6684						
	Accepted as complying with the general intent of the de Signed: Date:							
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GENERAL NOTES:

- 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 BENCH MARKS & NOT FROM SURVEY PEGS
- PROVIDE TRAFFIC MANAGEMENT, LINE MARKING & SIGNAGE IN ACCORDANCE WITH THE THNSW "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.
- IF SET-OUT IS REQUIRED BY HORNSBY SHIRE COUNCIL DESIGN & CONSTRUCTION BRANCH SURVEYOR. NOTIFY ENGINEERING SURVEYOR A MINIMUM OF 24 HOURS IN ADVANCE.

ACCESS & SAFETY NOTES:

- THE CONSTRUCTOR SHALL COMPLY WITH ALL STATUTORY & INDUSTRIAL REQUIREMENTS FOR PROVISION OF A SAFE WORKING ENVIRONMENT INCLUDING TRAFFIC CONTROL
- 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
- THE CONSTRUCTOR SHALL ENSURE THAT AT ALL TIMES ACCESS TO BUILDINGS/RESIDENCES ADJACENT TO THE WORKS IS NOT DISRUPTED.
- WHERE NECESSARY THE CONSTRUCTOR SHALL PROVIDE SAFE PASSAGE OF VEHICLES AND/OR PEDESTRIANS THROUGH OR BY THE SITE.
- THE CONSTRUCTOR SHALL ENSURE PUBLIC ACCESS EXTERNAL TO THE SITE IS IN ACCORDANCE WITH COUNCIL

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 (TPZ)	
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	4 m

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

EXCAVATION WITHIN THE TREE PROTECTION 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 TPZ 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.
- 4. ANY MECHANICAL DAMAGE TO TREES OR CHEMICAL SPILLS WITHIN THE TPZ MUST BE REPORTED TO THE PROJECT
- BARRIER MESH FENCING SHALL BE ERECTED AROUND RETAINED TREES TO ENSURE THEY ARE PROTECTED FROM MACHINERY MISTAKENLY TRAVERSING BETWEEN TREES, THIS CAN BE IDENTIFIED/ DIRECTED BY PROJECT ARBORIST

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.
- 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
- SELECTIVE CLEARING OF VEGETATION TO BE RESTRICTED TO NOMINATED AREAS WITH CLEARED VEGETATION WINDROWED ON THE CONTOUR.
- 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
- CONSTRUCTION AREA IS TO BE LIMITED AS SHOWN TO MINIMISE DISTURBANCE.
- 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:

AN AHIMS WEB SEARCH HAS BEEN UNDERTAKEN FOR THIS PROJECT (REF: 859580 -31st JANUARY 2024). 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.

LINE MARKING NOTES

- SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH AS1742.9 -MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED / RELOCATED OR REUSED TO SUIT NEW WORK.
- ALL NEW LINE MARKING TO WHITE THERMOPLASTIC PAINT UNLESS NOTED OTHERWISE
- REMOVE REDUNDANT LINE MARKING.
- 5. LINE MARKING SHALL BE SPOTTED OUT & APPROVED PRIOR TO APPLICATION

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: 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.

ELEMENT	CHARACTERISTIC CONCRETE STRENGTH(f'c) AT 28 DAYS	COVER	SPECIAL REQUIREMENTS
KERB RAMPS	N 25 (U.N.O.)	AS DETAILED	BROOM FINISH & PLAIN CONCRETE COLOURED.

- 3. VERIFY STRENGTH BY PRODUCTION CONTROL TESTING TO AS 1379.
- NO UNSPECIFIED HOLES, DUCTING OR CHASES ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM SUPERINTENDENT (SUPERVISING OFFICER). NO PIPES OR CONDUITS ARE PERMITTED WITHIN CONCRETE
- 5. STRUCTURAL DIMENSIONS DO NOT INCLUDE TOPPINGS 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.
- DO NOT PLACE CONCRETE UNTIL REINFORCEMENT (IF USED) & FORMWORK ARE INSPECTED BY SUPERVISING
- THOROUGHLY CLEAN OUT ALL FORMWORK PRIOR TO POURING.
- DO NOT PLACE CONCRETE UNDER THE FOLLOWING CONDITIONS:
- WHEN THE SURROUNDING OUTDOOR TEMPERATURE EXCEEDS 30°C.
- WHEN THE SURROUNDING WIND SPEED EXCEEDS 12 KNOTS.
- IMPLEMENT THE FOLLOWING PROCEDURES TO MITIGATE PREMATURE DRYING & CRACKING OF THE CONCRETE:
- IN HOT CONDITIONS PROGRAM CONCRETE PLACEMENT FOR THE COOLER PART OF THE DAY (ie FARLY MORNING)
- 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.
- COMMENCE CURING IMMEDIATELY AFTER FINISHING. CURE FOR 7 DAYS.
- VIBRATE CONCRETE DURING PLACEMENT TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION.
- 14. 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 EQUAL TO TREMCO DYMONIC NT' (+100%, -50% MOVEMENT CAPACITY). SEALANT COLOUR GREY OR EQUIVALENT.

Hornsby Shire Council Design & Construction Branch

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NOT TO SCALE SHIRE COUNCIL **INTERSECTION OF BEECHWOOD PARADE &** PURCHASE RD, CHERRYBROOK PROPOSED PEDESTRIAN SAFETY IMPROVEMENTS

PROJECT NOTES

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