

GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL & TRANSPORT FOR NSW.
- LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS & NOT FROM SURVEY PEGS.
- PROVIDE TRAFFIC MANAGEMENT, LINE MARKING & SIGNAGE IN ACCORDANCE WITH THE TfNSW "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 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 & 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 REQUIREMENTS.

SEDIMENT & EROSION CONTROL NOTES:

- 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 CONTROL PLAN.
- 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.
- TOPSOIL FROM AREAS THAT WILL BE DISTURBED TO BE STRIPPED & STOCKPILED AT THE NOMINATED SITE.
- 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.
- ANY DISTURBED AREA OF LAND SHALL BE COMPACTED AT THE END OF EACH WORKING DAY & BEFORE ANY STORM EVENT.
- CONSTRUCTION AREA IS TO BE LIMITED AS SHOWN TO MINIMISE DISTURBANCE.
- SEDIMENT FENCING SHALL BE PLACED AROUND ANY STOCKPILE AREA.
- ALL 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 SHALL BE TURFED WITHIN 14 DAYS OF FINAL TRIMMING.

ABORIGINAL ARTIFACT NOTES:

- AN AHIMS WEB SEARCH HAS BEEN UNDERTAKEN FOR THIS PROJECT (REF: 919348 -13th AUGUST 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.

SIGNS & LINE MARKING NOTES

- SIGNS 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.
- LINE MARKING SHALL BE SPOTTED OUT & APPROVED PRIOR TO APPLICATION.
- THE LOCAL AREA TRAFFIC COMMITTEE (LTC) HAS APPROVED THIS DESIGN PROPOSAL - REF: LTC 03/2024

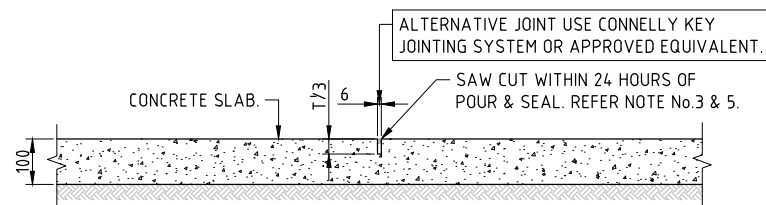
CONCRETE NOTES

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

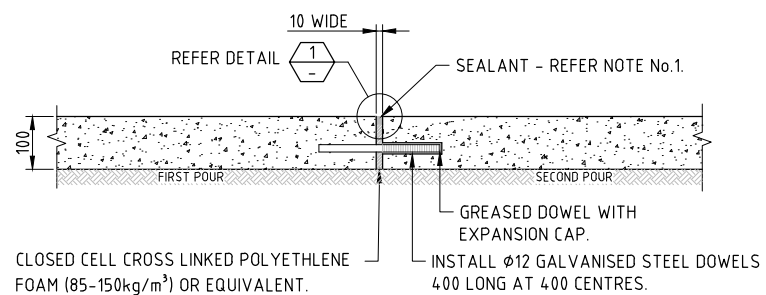
- MATERIALS AND CONSTRUCTION: TO AS 3600, AS 3610. STEEL REINFORCEMENT MATERIALS: TO AS 4671.
- CONCRETE QUALITY: TO AS 1379
READY MIX CONCRETE: TO AS 1379
a) DO NOT USE ADMIXTURES WITHOUT WRITTEN APPROVAL FROM SUPERVISING ENGINEER.
b) CEMENT: TYPE 'GP' OR 'GB' TO AS 3972.
c) MAXIMUM SIZE OF COARSE AGGREGATE: 20mm.
d) CONCRETE SLUMP: 80mm U.N.O.

ELEMENT	CHARACTERISTIC CONCRETE STRENGTH(f'c) AT 28 DAYS	COVER	SPECIAL REQUIREMENTS
KERB RAMPS & FOOTPATH	N25 (U.N.O.)	NA	BROOM FINISH & PLAIN CONCRETE COLOURED.

- 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 COVER.
- 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.
- 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 EQUAL TO 'TREMCO DYMONIC NT' (+100% -50% MOVEMENT CAPACITY). SEALANT COLOUR GREY OR EQUIVALENT.



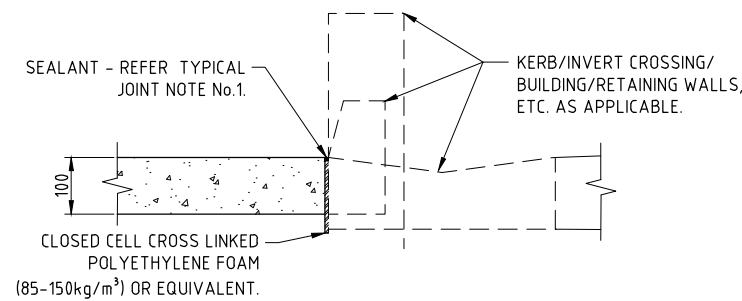
CONTROL JOINT DETAIL (CJ)
(3.0 METRE MAX. SPACING)



DOWELLED EXPANSION JOINT DETAIL (DEJ)
(12.0 METRE MAX. SPACING)

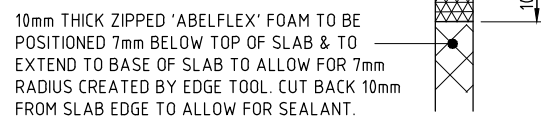
DOWEL NOTES:

- 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.

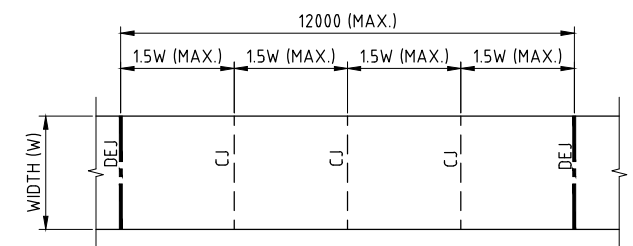


ISOLATION JOINT (I.J.)
N.T.S.

10mm x 10mm 'TREMCO DYMONIC NT' SEALANT (OR EQUIV.) NOTE: REMOVE 10mm ZIPPER, SEAL TOP & SIDES OF SLAB IMMEDIATELY.



DETAIL 1
N.T.S.



TYPICAL JOINT LAYOUT (U.N.O.)
N.T.S.

TYPICAL PATH 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. REFER NOTE No.3.

**Hornsby Shire Council
Design & Construction
Branch**

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

Designer S. COMISH	Design Checked-Design Team Leader		
Drawn A. MAXWELL	Signed:		
Surveyor J. HART	NA Field Book	NA Level Book	GDA94 Datum
Project Identifier\ACAD File Name H:\Tecoma Dr_TR_101670\Design\ACAD\Tecoma.dwg	1		
TRM Document Number D08952684	Issue	Description	Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction			M. DRAKE

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

DRAFT
not for construction
HORNSBY SHIRE COUNCIL
PO BOX 37, HORNSBY NSW 1630

**TECOMA DRIVE, GLENORIE
PROPOSED MARKED PEDESTRIAN CROSSING**

PROJECT NOTES & TYPICAL FOOTPATH JOINT DETAILS

Project Number 101670	Sheet of 2 3	Issue 1
HSC Drawing Number 1117.2		

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.

THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR

Lot 11
 GLENORIE PUBLIC SCHOOL
 No. 21



CAUTION!
 EXISTING MULTIPLE UNDERGROUND SERVICES CONFIRM LOCATION

DEMOLISH & REMOVE SECTION OF EXISTING PAVING & RECONSTRUCT LOWER TO SUIT NEW KERB RAMP. REFER BELOW FOR TYPICAL DETAILS.

PROVIDE LOW LEVEL KERB (200mm HIGH) ALONG EDGE OF PATH TO REDUCE CUT.

REPLACE EXISTING TIMED NO STOPPING SIGN WITH R5-400(L) & RETAIN BUS ZONE SIGN.

Lot 10
 No. 19

REPLACE EXISTING TIMED NO STOPPING SIGN WITH R5-400(R).

REMOVE REDUNDANT W6-3 & W2-22 SIGNS & INSTALL NEW W6-2 APPROX. 100m FROM NEW CROSSING.

RETAIN EXISTING LINE MARKINGS & POSTS FOR CHILDREN'S CROSSING.

INSTALL NEW R3-1 SIGNS.

INSTALL NEW MARKED PEDESTRIAN CROSSING AS SHOWN.

CONSTRUCT NEW KERB RAMP & FOOTPATH AS SHOWN. REFER BELOW FOR TYPICAL DETAILS.

PROVIDE CONNECTION TO EXISTING DAYCARE CENTRE ACCESS RAMP.

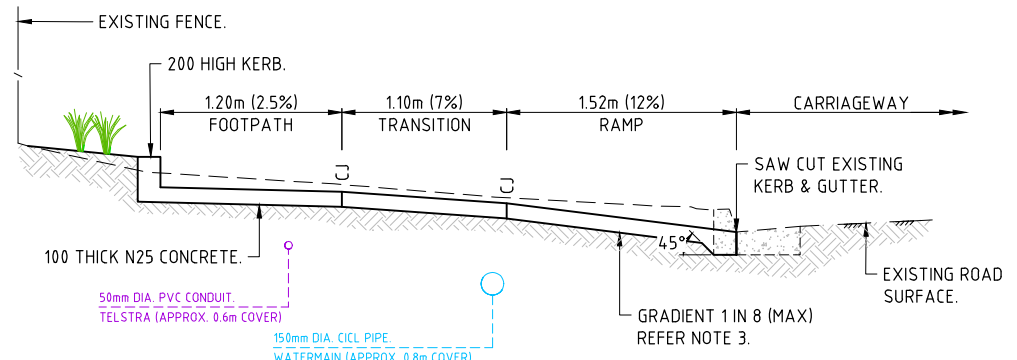
REMOVE EXISTING TIMED NO STOPPING SIGN & INSTALL NEW R5-400(R).

REMOVE REDUNDANT W6-3 & W8-22 SIGNS & INSTALL NEW W6-2 APPROX. 100m FROM NEW CROSSING.

No. 18
 Lot 30
 DAYCARE CENTRE

REPLACE EXISTING TIMED NO STOPPING SIGN WITH R5-400(L) SIGN.

LIGHTING FOR CROSSING
 COUNCIL'S TRAFFIC & ROAD SAFETY BRANCH HAVE UNDERTAKEN A NIGHT TIME TRAFFIC & PEDESTRIAN COUNT AT THIS LOCATION & DETERMINED THAT A LIGHTING UPGRADE IS NOT REQUIRED. FOR FURTHER INFORMATION REFER TO COUNCIL DOCUMENT #D08951357



RAMP NOTES:

1. CONCRETE TO BE MINIMUM GRADE N25.
2. ALL CONCRETE TO BE TRANSVERSE HEAVY BROOM FINISHED. USE A STANDARD EDGING TOOL TO PENCIL ROUND THE EDGE INCLUDING CONTROL & EXPANSION JOINTS WITH SMOOTH BORDER APPROXIMATELY 50mm WIDE.
3. THE RAMP GRADIENT IS TO BE NO STEEPER THAN 1 IN 8.
4. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS3600, CONCRETE CODE.
5. FOUNDATION MATERIALS MUST BE CAPABLE OF WITHSTANDING A SAFE BEARING PRESSURE OF 100kPa. VERIFY & RECORD THE BEARING CAPACITY BEFORE ANY CONCRETE IS PLACED.
6. DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.

SECTION A
 SCALE N.T.S.

Hornsby Shire Council
 Design & Construction
 Branch

Designer S. COMISH	Design Checked-Design Team Leader		
Drawn A. MAXWELL	Signed:		
Surveyor J. HART	NA	NA	GDA94
Field Book	Level Book	Datum	
Project Identifier\ACAD File Name H:\Tecoma Dr_TR_101670\Design\ACAD\Tecoma.dwg			
Issue	1	ISSUED FOR CONSTRUCTION	M. DRAKE
		Description	Name Initial Date
Design not to be amended without authorisation by Manager Design & Construction			

Bar Scales

SCALE 1:100 @ A1

DRAG not for construction

HORNSBY SHIRE COUNCIL
 PO BOX 37, HORNSBY NSW 1630

TECOMA DRIVE, GLENORIE
PROPOSED MARKED PEDESTRIAN CROSSING

GENERAL WORKS & SERVICES PLAN

Project Number	101670		
Sheet of	3	3	1
HSC Drawing Number	1117.2		

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