

NOTES:

1. GENERAL

1.1. THESE NOTES APPLY TO ALL DRAWINGS.

1.2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

1.3. THESE DRAWINGS ARE NOT TO BE SCALED, USE FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES OR QUERIES RELATED TO THE DRAWINGS MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION BEFORE WORK COMMENCES. NO ALTERATIONS OR AMENDMENTS SHALL BE MADE TO THE DRAWINGS.

1.4. DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.

1.5. ALL SETOUT INFORMATION WILL BE SUPPLIED IN ELECTRONIC FORMAT.

1.6. HORIZONTAL DATUM IS MGA94-50.

1.7. VERTICAL DATUM IS AUSTRALIAN HEIGHT DATUM (AHD).

1.8. EXISTING GROUND LEVEL INFORMATION HAS BEEN TAKEN FROM SURVEY PROVIDED BY JOHN KINNEAR.

1.9. THE CONTRACTOR SHALL LIMIT THE AMOUNT OF MOVEMENT OF EQUIPMENT AND MANPOWER TO THE MINIMUM AREA NECESSARY AND PROTECT ALL VEGETATION ON SITE MARKED AS BEING RETAINED.
2. EXISTING INFRASTRUCTURE

2.1. THE CONTRACTOR SHALL ACCURATELY LOCATE EXISTING SERVICES AND PROTECT DURING CONSTRUCTION. IF A CLASH OCCURS THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

2.2. ANY DAMAGE TO EXISTING INFRASTRUCTURE SHALL BE MADE GOOD BY THE CONTRACTOR AT THEIR OWN EXPENSE.

2.3. CONTRACTOR SHALL MAKE ALL DUE ALLOWANCE TO UNDERTAKE A DILAPIDATION SURVEY PRIOR TO THE COMMENCEMENT OF WORKS ON SITE. IT IS RECOMMENDED THAT THE CONTRACTOR TAKE PHOTOGRAPHIC RECORDS OF ALL EXISTING INFRASTRUCTURE THAT INTERFACES WITH WORKS TO CONFIRM THE CONDITION OF SUCH INFRASTRUCTURE.
3. TRAFFIC AND PEDESTRIAN MANAGEMENT

3.1. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A TRAFFIC MANAGEMENT PLAN (TMP) IN ACCORDANCE WITH THE MAIN ROADS WA CODE OF PRACTICE FOR TRAFFIC MANAGEMENT FOR WORKS ON ROADS AND RELEVANT AUSTRALIAN STANDARDS. WHERE WORKS IMPACT A PUBLIC ROAD, VERGE, OR FOOTPATH, THE TMP SHALL BE SUBMITTED TO THE LOCAL GOVERNMENT FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORKS. ALL SIGNAGE, DEVICES, AND TRAFFIC CONTROL SHALL BE INSTALLED, MONITORED, AND MAINTAINED BY SUITABLY QUALIFIED AND ACCREDITED PERSONNEL FOR THE DURATION OF THE WORKS.

3.2. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A PEDESTRIAN MANAGEMENT PLAN AS PART OF THE TMP TO MAINTAIN SAFE AND ACCESSIBLE PEDESTRIAN ROUTES DURING CONSTRUCTION. THE PLAN SHALL IDENTIFY AND CLEARLY SIGNPOST SAFE PEDESTRIAN PATHWAYS AROUND THE WORK ZONE AND PROVIDE TEMPORARY BARRIERS OR FENCING TO PREVENT UNAUTHORISED ACCESS TO HAZARDOUS AREAS. ALL PEDESTRIAN ROUTES ARE TO BE ACCESSIBLE, WELL LIT WHERE APPLICABLE, AND FREE FROM TRIP HAZARDS, WITH PROVISION FOR DISABILITY AND MOBILITY ACCESS COMBILIT WITH A1428 WHEREVER PRACTICABLE. PEDESTRIAN PATHWAYS SHALL BE COORDINATED WITH TRAFFIC MANAGEMENT MEASURES TO PREVENT CONFLICTS BETWEEN VEHICLES AND PEDESTRIANS. THE PLAN SHALL BE REVIEWED AND UPDATED AS SITE ACCESS CONDITIONS CHANGE DURING THE PROJECT, AND ALL CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED IN GOOD CONDITION BY SUITABLY QUALIFIED AND ACCREDITED PERSONNEL FOR THE DURATION OF THE WORKS
4. DUST CONTROL & STABILISATION DURING THE CONTRACT PERIOD

4.1. THE CONTRACTOR SHALL ALLOW FOR ALL DUST CONTROL MEASURES IN ACCORDANCE WITH THE SPECIFICATION.

4.2. THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY PRECAUTIONS TO CONTROL EROSION AND DOWNSTREAM SEDIMENTATION. THE CONTRACTOR SHALL MONITOR THE PREVAILING WEATHER CONDITIONS AND PROTECT ANY DOWNSTREAM CONSTRUCTION SITES AND PROPERTIES.

4.3. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL IN CONFORMANCE WITH LOCAL AUTHORITY REQUIREMENTS.
5. DEMOLITION

5.1. THE CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED ITEMS FROM SITE TO AN APPROVED DISPOSAL FACILITY.
6. SITE CONTAMINATION

6.1. THE CONTRACTOR SHALL NOTE THAT LOT 3002 HARDY STREET IS A FORMER SHIRE DEPOT SITE AND HAS BEEN SUBJECT TO PREVIOUS CONTAMINATION REMEDIATION WORKS.

6.2. THE CONTRACTOR SHALL READ THESE DRAWINGS IN CONJUNCTION WITH THE FOLLOWING REPORT: GH&P PTY LTD, SHIRE OF DENMARK, 26 HARDY ST DENMARK - REMEDIATION PROJECT, REMEDIATION AND VALIDATION REPORT, OCTOBER 2020, GHD REF 12510838.

6.3. GHD REPORTED THAT RESIDUAL UNCONTROLLED FILL / WASTE FILL REMAINS IN-SITU IN THE NORTHERN AND EASTERN PORTIONS OF THE SITE. THE MATERIAL IS UNDERSTOOD TO BE COVERED BY CLEAN FILL AND IS SUBJECT TO RESTRICTIONS ON FUTURE DISTURBANCE.

6.4. THE GHD AREA 1 / AREA 2 BOUNDARY SHOWN ON THESE DRAWINGS IS INDICATIVE ONLY AND HAS BEEN INTERPRETED FROM THE GHD REPORT. THE CONTRACTOR SHALL MAKE DUE ALLOWANCE FOR SITE CONDITIONS TO VARY FROM THOSE SHOWN.

6.5. NO EXCAVATION BELOW 0.3m BELOW EXISTING GROUND LEVEL SHALL OCCUR WITHIN THE EASTERN / NORTH-EASTERN CONTAMINATION MANAGEMENT AREA SHOWN ON THE DRAWINGS UNLESS APPROVED BY THE SUPERINTENDENT AND UNDERTAKEN IN ACCORDANCE WITH AN APPROVED CONTAMINATION MANAGEMENT PLAN / UNEXPECTED FINDS PROTOCOL.

6.6. EXCAVATION BELOW 0.3m BELOW EXISTING GROUND LEVEL WITHIN THE GHD AREA 2 / CONTAMINATION MANAGEMENT AREA, INCLUDING STORMWATER TRENCHING AND BASIN EXCAVATION, SHALL BE TREATED AS A PROVISIONAL ITEM UNLESS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.

6.7. THE PROVISIONAL ITEM SHALL INCLUDE ALLOWANCE FOR MANAGEMENT, CLASSIFICATION, REMOVAL, DISPOSAL AND REPLACEMENT OF SUSPECT OR CONTAMINATED MATERIAL, INCLUDING ENVIRONMENTAL CONSULTANT INPUT, WASTE CLASSIFICATION, LICENSED DISPOSAL, TRANSPORT RECORDS, DISPOSAL RECEIPTS AND IMPORTED CLEAN FILL REPLACEMENT AS DIRECTED BY THE SUPERINTENDENT.

6.8. WHERE EXCAVATION ENCOUNTERS UNCONTROLLED FILL, WASTE MATERIAL, HYDROCARBON ODOUR, STAINING, ASBESTOS-CONTAINING MATERIAL, BURIED DEBRIS, DRUMS, ASH, SLAG, UNUSUAL DISCOLOURATION, OR OTHER SUSPECT MATERIAL, THE CONTRACTOR SHALL STOP WORK IN THE AFFECTED AREA, MAKE THE AREA SAFE, PREVENT UNAUTHORISED ACCESS, AND NOTIFY THE SUPERINTENDENT IMMEDIATELY.

6.9. SUSPECT OR CONTAMINATED MATERIAL SHALL NOT BE REUSED AS STRUCTURAL FILL, BASIN LINING, PIPE BEDDING, TRENCH BACKFILL, VERGE REINSTATEMENT OR LANDSCAPING MATERIAL UNLESS CLASSIFIED AND APPROVED BY A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT.

6.10. ANY OFF-SITE DISPOSAL OF CONTAMINATED OR SUSPECT MATERIAL SHALL BE TO A SUITABLY LICENSED FACILITY, WITH DISPOSAL CLASSIFICATION, TRANSPORT RECORDS AND DISPOSAL RECEIPTS PROVIDED TO THE SUPERINTENDENT.

6.11. THE CONTRACTOR SHALL MAINTAIN DUST SUPPRESSION, SEDIMENT CONTROL AND SITE HYGIENE MEASURES TO PREVENT MIGRATION OF POTENTIALLY CONTAMINATED SOIL OR SEDIMENT FROM THE WORKS AREA.

6.12. NO GEOTECHNICAL INVESTIGATION HAS BEEN UNDERTAKEN FOR THE PROPOSED CIVIL WORKS. THE CONTRACTOR SHALL ALLOW FOR GEOTECHNICAL INSPECTION AND TESTING OF EXPOSED SUBGRADE, RETAINING WALL FOUNDING MATERIAL, TRENCH BACKFILL AND IMPORTED FILL IN ACCORDANCE WITH THE SPECIFICATION.
7. EARTHWORKS

7.1. ALL EARTHWORKS SHALL CONFORM TO THE TECHNICAL SPECIFICATION.

7.2. PROPOSED LEVELS SHOWN SHALL BE ON THE FINISHED SURFACE, INCLUDING TOP OF ASPHALT, BRICK PAVING OR TOPSOIL / LANDSCAPING TREATMENTS AS SPECIFIED.

7.3. THE CONTRACTOR SHALL CLEAR VEGETATION AND DEBRIS FROM WITHIN THE SITE BOUNDARY IN ACCORDANCE WITH THE SPECIFICATION, EXCEPT FOR VEGETATION SHOWN AS RETAINED.

7.4. ALL VEGETATION TO BE RETAINED SHALL BE PROTECTED IN ACCORDANCE WITH AS4970.

7.5. ALL CLEARED VEGETATION SHALL BE MULCHED AND RE-USED ON SITE OR DISPOSED OFF-SITE AS PER THE SPECIFICATION. NO BURNING SHALL BE ALLOWED.

7.6. TOPSOIL SHALL BE STRIPPED FROM THE SITE AND STOCKPILED AS SPECIFIED.

7.7. TOPSOIL SHALL BE SCREENED AND RE-SPREAD AS PER LANDSCAPE DOCUMENTATION.

7.8. EXCESS TOPSOIL SHALL BE REMOVED FROM SITE.

7.9. THE CONTRACTOR SHALL CUT, PROOF ROLL, AND FILL THE SITE IN ACCORDANCE WITH THE SPECIFICATION.

7.10. ALL BATTERS TO EXISTING SURFACE LEVELS SHALL BE 1 in 4 UNLESS NOTED OTHERWISE.
8. STORMWATER DRAINAGE

8.1. ALL STORMWATER DRAINAGE SHALL CONFORM TO THE TECHNICAL SPECIFICATION.

8.2. THE CONTRACTOR SHALL CONFIRM INVERT LEVELS OF EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION OF UPSTREAM LINES TO AND ADVISE ENGINEER OF ANY ANOMALIES PRIOR TO CONSTRUCTION.

8.3. STORMWATER DRAINAGE PIPES SHALL BE RUBBER RING JOINTED (RRJ) REINFORCED CONCRETE (RCP) CLASS 2, UNLESS NOTED OTHERWISE.

8.4. ACCESS CHAMBERS AND GULLY GRATES SHALL BE AS SHOWN ON THE DRAWINGS AND LOCATED AT THE POSITIONS SHOWN IRRESPECTIVE OF THE PIPE LENGTHS SHOWN. LIDS ARE TO BE SET FLUSH WITH FINISHED SURFACE AND TO HAVE PEDESTRIAN AND CYCLE FRIENDLY GRATED SURFACES.

8.5. STORMWATER PITS LOCATED WITHIN THE ROAD PAVEMENT, OR OTHER TRAFFICABLE AREAS, SHALL BE CLASS D HEAVY DUTY TRAFFICABLE COVERS.

8.6. ALL DRAINAGE INFRASTRUCTURE TO BE SURVEYED WHEN COMPLETE PRIOR TO BACKFILL TO CONFIRM DEPTHS AND GRADES HAVE BEEN ACHIEVED.

8.7. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PROPOSED STORMWATER DRAINAGE WITH ALL OTHER SERVICES AND ROADWORKS. IN THE EVENT OF ANY CLASH THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SEEK FURTHER DIRECTION PRIOR TO PROCEEDING.
9. ROADWORKS

9.1. ALL ROADWORKS SHALL CONFORM TO THE TECHNICAL SPECIFICATION.

9.2. ALL CORNER SWEEPS SHALL BE 12.0m RADIUS UNLESS NOTED OTHERWISE.

9.3. ALL KERBS SHALL BE MOUNTABLE UNLESS NOTED OTHERWISE.

9.4. PAVEMENT WIDTH SHALL BE AS SHOWN ON THE DRAWING AND SHALL BE MEASURED BETWEEN FACE OF KERB AND FACE OF KERB.

9.5. CONTRACTOR TO SAW CUT EXISTING PAVEMENT PRIOR TO CONSTRUCTION OF PROPOSED CARPARK WORKS. THE CONTRACTOR SHALL ENSURE A SMOOTH SEAMLESS CONNECTION TO ALL EXISTING TIE IN LOCATIONS.

9.6. THE CONTRACTOR SHALL INSTALL DUCTS FOR LANDSCAPE AND / OR ELECTRICAL AT LOCATIONS AS PER OTHER CONSULTANT DRAWINGS PRIOR TO COMPLETION OF SUBGRADE.

9.7. ALL NEW SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH AS1742.
10. FINAL STABILISATION

10.1. THE FINISHED SURFACE, INCLUDING ANY AREAS OUTSIDE OF THE SITE EXPOSED BY THE CONTRACTOR DURING THE WORKS, SHALL BE STABILISED AS SPECIFIED WITHIN THE LANDSCAPE DOCUMENTATION.
11. REINSTATEMENT

11.1. THE CONTRACTOR SHALL REINSTATE THE WORKS TO A SIMILAR OR BETTER STANDARD, INCLUSIVE OF EXISTING DRIVEWAYS, CROSSEOVERS, FOOTPATHS, ROADWAYS, TURF AND LANDSCAPING.

11.2. THE CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM MAIN ROADS WA FOR ALL PAVEMENT MARKING WORKS AND SHALL INSTALL LINEMARKING IN ACCORDANCE WITH MRWA SPECIFICATION 604 – PAVEMENT MARKING, TO THE SATISFACTION OF MRWA.

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A	PRELIMINARY ISSUE	8-MAY-2026	KLI	TJD
B	ISSUED FOR TENDER	24-AUG-2026	KLI	TJD

DEMEZA

CIVIL CONSULTING

Demeza Civil Consulting Pty Ltd

BEC 31 - Registered Building Engineering Contractor (Civil)

Datum	MGA2020-50, mAHD		
Surveyor	JOHN KINNEAR		
Designer	K. LI	16-FEB-2026	
Design Check	T. DEMEZA	16-FEB-2026	
Drafter	K. LI	16-FEB-2026	
Drafting Check	T. DEMEZA	16-FEB-2026	
Engineering Certification			
T. Demeza			
MIEAust, CPEng (Civil), NER (Civil)			
BEP 169 (Civil - Professional)			

Project	LOT 3002 HARDY STREET, DENMARK WAPC: 164000 Client: SHIRE OF DENMARK	DEM-25-017	Scale	ORIG SIZE	A1
Drawing Title	CIVIL NOTES	Drawing Status TENDER ISSUE			
		Drawing Number DEM-25-017-C900			Rev B