

PUBLIC DOMAIN WORKS PLAN

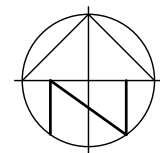
THIRROUL PLAZA

PROPOSED DEVELOPMENT OF LOT 103 IN DP706867, LOT 2 IN DP240526 & LOT 2 IN DP534253 282-298 & 302-304 LAWRENCE HARGRAVE DRIVE, THIRROUL



PLAN NUMBER	DRAWING TITLE
ISC00115-30-C000	COVER SHEET AND DRAWING SCHEDULE
ISC00115-30-C001	NOTES
ISC00115-30-C002	KEY PLAN
ISC00115-30-C010	GENERAL ARRANGEMENT PLAN SHEET 1 OF 2
ISC00115-30-C011	GENERAL ARRANGEMENT PLAN SHEET 2 OF 2
ISC00115-30-C035	DETAILS SHEET 1 OF 2
ISC00115-30-C036	DETAILS SHEET 2 OF 2
ISC00115-30-C050	LONGITUDINAL SECTIONS MC01 AND MC02
ISC00115-30-C051	LONGITUDINAL SECTIONS MC03 AND MC04
ISC00115-30-C070	CROSS SECTIONS MC01 (SHEET 1 OF 2)
ISC00115-30-C071	CROSS SECTIONS MC01 (SHEET 2 OF 2)
ISC00115-30-C072	CROSS SECTIONS MC03
ISC00115-30-C205	SWEPT PATH PLAN KING STREET DESIGN VEHICLE
ISC00115-30-C210	SIGHT DISTANCE ANALYSIS PLAN

LOCALITY DIAGRAM



CLIENT:

THIRROUL PLAZA PTY LTD

CONSULTANTS:



3. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS THAT MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES IN THESE DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING OFF THE PLANS.
3. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT AUSTRALIAN STANDARDS, THE BY-LAWS AND ORDINANCES OF THE RELEVANT AUTHORITIES AND THE SPECIFICATIONS.
4. NO CHANGES SHALL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN CONSENT OF THE SUPERINTENDENT. THE SUPERINTENDENT IS TO CONFIRM THE EXACT EXTENTS ON SITE PRIOR TO COMMENCEMENT OF STAGE 1.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SAFE WORK PRACTICES ARE FOLLOWED AT ALL TIMES DURING THE COURSE OF THE CONTRACT. OHS&S REGULATIONS AND WORK COVER REQUIREMENTS ARE TO BE COMPLIED WITH REFER TO THE SPECIFICATION AND CONTRACT DOCUMENTS.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL SURVEY MARKS ARE MAINTAINED. IF THE CONTROL MARKS ARE DESTROYED OR MOVED DURING CONSTRUCTION THE CONTRACTOR MUST SUPPLY ADEQUATE MARKS FOR RE-ESTABLISHMENT AND INFORM THE SUPERINTENDENT.
7. CHANGES, REDUCED LEVELS, CHAINAGES, OFFSETS AND ROAD WIDTHS ARE IN METRES UNLESS OTHERWISE SHOWN.
8. LIAISE WITH THE APPOINTED SITE SUPERINTENDENT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
9. ALL SITE FILLING SHALL BE COMPACTED TO 98% STANDARD COMPACTION, CONTROLLED BY THE GEOTECHNICAL ENGINEER OR AS INSTRUCTED BY THE SUPERINTENDENT
10. SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE SUPERINTENDENT.
11. ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
12. THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE OWNERS.
13. SITE FILL AREAS - THE CONTRACTORS REGISTERED SURVEYOR SHALL TAKE LEVELS OF EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING FILL OPERATIONS.
14. DRAINAGE LINES UNDER ROADS SHALL BE BACKFILLED WITH NON-COHESIVE SAND, AND THE SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK, DISCHARGING INTO DOWN STREAM PITS.
15. ALL CONDUITS AND MAINS SHALL BE LAID PRIOR TO LAYING FINAL ASPHALTIC CONCRETE SEAL.
16. STREET NAME SIGNS SHALL BE ERECTED, WHERE SHOWN, IN ACCORDANCE WITH COUNCIL'S STANDARD OR AS DIRECTED BY THE SUPERINTENDENT.
17. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
18. ALL TREES WITHIN LIMIT OF WORKS TO BE REMOVED UNLESS NOTED AS PER LEGEND. TREES OUT OF LIMIT OF WORKS ZONE ARE TO BE LEFT UNTOUCHED. SHOULD THERE BE ANY IMPACTED TREES OUTSIDE OF WORKS ZONE THE SUPERINTENDENT IS TO BE INFORMED IMMEDIATELY.
19. REFER TO CITY/COUNCIL'S SPECIFICATION AND STANDARD DRAWINGS OF KERB INLET PIT AND KERB AND GUTTER.
20. CONTRACTOR TO PROVIDE STORMWATER KERB DISCHARGE INCLUDING RECTANGULAR HOLLOW SECTION, ADAPTER AND PIPE EXTENDED 0.5m BEYOND THE PROPERTY BOUNDARY AND CAPPED OFF FOR FUTURE CONNECTION
21. DEWATER AND DESILT EXISTING DAMS TO PREPARE FOR SITE FILLING/OTHER WORKS REFER TO THE GEOTECHNICAL REPORT.
22. PROVIDE FLOODWAY WARNING SIGNS AT APPROPRIATE LOCATIONS AND/OR AS DIRECTED BY COUNCIL'S ENGINEER.

1. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCKPILE AS DIRECTED BY SUPERINTENDENT
2. COMPACTION, TESTING, FILING, STANDARD DRY DENSITIES & MOISTURE CONTENTS TO BE IN ACCORDANCE WITH SITE GEOTECHNICAL REPORT
3. ALL FILLING WORKS TO BE CARRIED OUT UNDER LEVEL 1 GEOTECH SUPERVISION AS PER AS 3798.

1. ORIGIN OF LEVELS: AHD. COORDINATES TO MGA - MAP GRID AUSTRALIA
2. ASPHALTIC CONCRETE SHALL CONFORM TO R.T.A. FORM R116.
3. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 (UNBOUND), R.T.A. FORM 3052 (BOUND) COMPACTED TO A MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 S.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF BASECOURSE MATERIAL PLACED.
4. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 S.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF SUB-BASE COURSE MATERIAL PLACED.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATION AND CONTRACT DOCUMENTS.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF WORKS, INCLUDING REPAIR AND/OR REPLACEMENT OF DAMAGED SECTIONS. INSPECTIONS ARE TO BE MADE PERIODICALLY DURING PROLONGED RAINFALL EVENTS AND AFTER STORM EVENTS FOR DAMAGE.
7. ALL EXISTING TREES ON THE SITE ARE NOT TO BE DISTURBED OTHER THAN THOSE DESIGNATED ON THE PLANS FOR REMOVAL. THE SUPERINTENDENT IS TO APPROVE ALL TREES TO BE REMOVED. REMAINING TREES MUST BE PROTECTED IN ACCORDANCE TO THE SPECIFICATION.
8. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED OUT BY OTHERS (E.G. ADJUSTMENT OF SERVICES), COORDINATION OF THESE WORKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

1. ALL SITE SET OUT POINTS ARE TO BE CERTIFIED BY A REGISTERED SURVEYOR.
2. THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY THE REGISTERED SURVEYOR. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. INDESCO DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.
3. CONTACT SUPERINTENDENT IF DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND FIELD DATA.

1. ALL SERVICES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND HAVE BEEN LOCATED FROM SITE INVESTIGATION AND RELEVANT AUTHORITIES' PLANS. THESE SERVICES ARE NOT GUARANTEED CORRECT OR COMPLETE.
2. THE CONTRACTOR MUST OBTAIN UP-TO-DATE PLANS FROM DIAL BEFORE YOU DIG' BEFORE COMMENCEMENT OF WORKS. THE EXACT LOCATION OF ALL SERVICES ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.
3. EXISTING SERVICES ARE TO BE MAINTAINED OR ADJUSTED AS DETAILLED IN THE PLANS. ANY ADJUSTMENT OR PROTECTION MEASURES ARE TO BE CARRIED OUT BY ACCREDITED SERVICE PROVIDERS. REFER ANY CONFLICTS OR UNIDENTIFIED EXISTING SERVICES TO THE SUPERINTENDENT IMMEDIATELY.
4. ELECTRICAL CONDUITS SHOULD BE PROVIDED AND LOCATED TO THE SATISFACTION OF ENDEAVOUR ENERGY.
5. WATER CONDUITS SHOULD BE PROVIDED TO SUIT WATER MAIN LOCATIONS.
6. TELSTRA AND OPTUS CONDUITS PROVIDED AND LOCATED TO THE SATISFACTION OF THE RELEVANT TELECOMMUNICATIONS AUTHORITY.
7. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:
 - JEMENA DRAWINGS
 - ENDEAVOUR ENERGY DRAWINGS (ELEKON)
 - SYDNEY WATER DRAWINGS (SYDNEY WIDE CO-ORDINATORS)
8. ALL SERVICES PIT COVERS AND MARKERS ARE TO BE LAID ENTIRELY WITHIN OR OUTSIDE OF THE CONCRETE FOOTPATH. RELEVANT INDESTRUCTIBLE COORDINATION DRAWINGS FOR SERVICE COVER LOCATIONS. CONTACT SUPERINTENDENT SHOULD DIFFICULTIES ARISE.
9. WHERE SERVICES COVERS ARE LOCATED WITHIN THE FOOTPATH & ROADWAYS, INFILL COVERS WITH A PAVEMENT SIMILAR TO THAT OF THE FOOTPATH OR ADJACENT ROADWAY SHALL BE USED. PROVIDE CONCRETE INFILL WHERE COVERS ARE WITHIN LANDSCAPE.
10. ALL SERVICES COVERS TO BE PLACED AT FINISHED SURFACE LEVELS, ENSURE LONGITUDINAL AND CROSS FALL GRADES MATCH PROPOSED GRADES
11. ALL WATER AND SEWER TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT SYDNEY WATER STANDARDS. CARE TO BE TAKEN WHEN INSTALLING HYDRANTS AND STOP VALVES IN THE FOOTPATH.

TELSTRA'S PLANS SHOW ONLY THE PRESENCE OF CABLES AND PLANT. THEY ONLY SHOW THEIR POSITION RELATIVE TO ROAD BOUNDARIES, PROPERTY FENCES ETC. AT THE TIME OF INSTALLATION AND TELSTRA DOES NOT WARRANT OR HOLD OUT THAT SUCH PLANS ARE ACCURATE THEREAFTER DUE TO CHANGES THAT MAY OCCUR OVER TIME. DO NOT ASSUME DEPTH OR ALIGNMENT OF CABLES OR PLANT AS THESE VARY SIGNIFICANTLY. THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR TELSTRA CABLES AND PLANT. BEFORE USING MACHINE EXCAVATORS TELSTRA PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG POTHOLING TO IDENTIFY ITS LOCATION TELSTRA WILL SEEK COMPENSATION FOR DAMAGES CAUSED TO ITS PROPERTY AND LOSSES CAUSED TO TELSTRA AND ITS CUSTOMERS.

STORMWATER DESIGN SPECIFICATIONS:

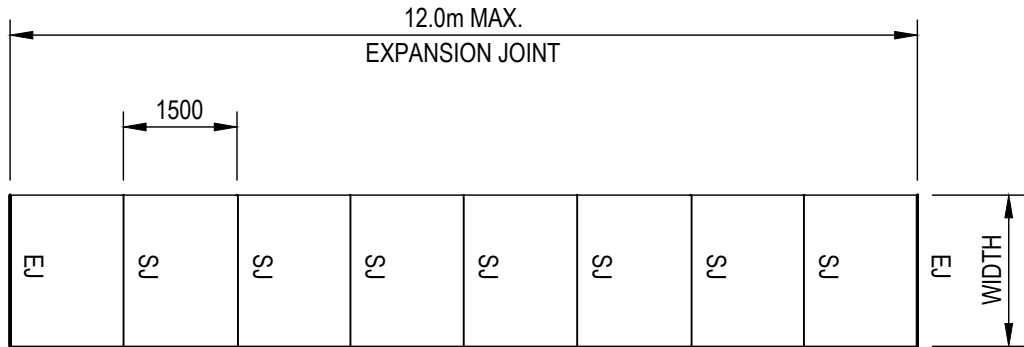
- 1.1. COUNCIL PIPE DRAINAGE SYSTEM IS DESIGNED FOR 5 YEAR ARI
- 1.2. INTERALLOTMENT DRAINAGE SYSTEM IS DESIGNED FOR 20 YEAR ARI
- 1.3. DRAINAGE SYSTEM IS DESIGNED FOR MAJOR EVENT OF 100 YEAR ARI
2. IFD DATA LOCALITY:ALBION PARK - SOURCED FROM B.O.M.
3. PIPE BEDDING MATERIAL SHALL BE CLEAN COURSE RIVER SAND WITH DEPTH AS FOLLOWS:
 - 3.1. CONCRETE AND FRC PIPES: 100mm (175mm IN ROCK)
 - 3.2. UPVC PIPE: 75mm (100mm IN ROCK)
 - 3.3. SUBSOIL 50mm
4. BACKFILL ALL PIPES WITH GRANULAR MATERIAL SUCH AS QUARRY FINES OF COARSE RIVER SAND TO A MINIMUM OF 150mm ABOVE THE PIPE. THE GRANULAR MATERIAL SHALL BE PLACED IN 150mm THICK MAX. LAYERS COMPACTED TO ACHIEVE A DENSITY INDEX OF 70% FREQUENCIES OF COMPACTION TESTS FOR TRENCHES SHALL BE 1 TEST PER 2 LAYERS PER 40 LINEAR METRE.
5. ALL BEDDING TO BE HS3 MINIMUM.
6. PIPES GREATER THAN 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' 10/20 COVER APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINT U.N.O.
7. PIPES UP TO AND INCLUDING 300 DIA. SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
8. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS, UNSLOTTED uPVC SEWER GRADE PIPES SHALL BE USED.
9. ALL PITS DEEPER THAN 1.8m ARE TO BE REINFORCED CONCRETE.
10. ALL PITS, INCLUDING COUNCIL PITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 32MPa. ALL REINFORCEMENT SHALL HAVE A MINIMUM COVER OF 50mm
11. COVERS AND GRATES SHALL CONFORM TO A.S. 3996 AND COUNCIL SPECIFICATIONS.
12. BACKFILL THE REMAINDER OF THE TRENCH ABOVE THE SAND TO SUBGRADE LEVEL WITH TRENCH MATERIAL. PLACE AND COMPACT MATERIALS IN LAYERS NOT EXCEEDING 150mm LOOSE THICKNESS. MATERIAL LOWER THAN 50mm BELOW SUBGRADE LEVEL SHALL BE COMPACTED TO A MIN. OF 95% OF STANDARD MAXIMUM DRY DENSITY. TOP 50mm BELOW PAVEMENT SUBGRADE LEVELS SHALL BE COMPACTED TO AT LEAST 100% STANDARD MAXIMUM DRY DENSITY (SMD).
13. FILTER MATERIAL FOR SUBSOIL SHALL BE COARSE SAND OR CRUSHED STONE WHICH COMPLIES WITH ONE OF THE GRADINGS IN THE TABLE BELOW. AS SPECIFIED ON THE DRAWINGS THE 7mm CRUSHED ROCK FILTER MATERIAL SHALL BE ENCLOSED WITHIN FILTER FABRIC SHEET AS SPECIFIED. FILTER MATERIAL SHALL BE PLACED IN 250mm LAYERS AND COMPACTED TO A DENSITY INDEX OF 80%.

AS SIEVE SIZE (mm)	SAND	70mm ROCK
9.5	100	100
6.7	-	75-100
4.75	90-100	20-55
2.36	75-100	0-15
1.18	50-90	-
0.60	20-60	-
0.30	10-30	-
0.15	2-10	-
0.075	0-3	0-2

14. LINTEL LENGTH SHOWN ON DRAWING INDICATES THE CLEAR OPENING LENGTH
15. PRIOR TO ISSUE OF PRACTICAL COMPLETION CONTRACTOR SHALL CARRY OUT CCTV ON ALL PIPES AND SUBMIT VIDEO AND WRITTEN REPORT CONFIRMING THAT ALL PIPES ARE FREE OF DEFECTS AND ARE LAID TO SPECIFICATION.
16. A MINIMUM GAP OF 0.2m BELOW FENCING TO BE CONSTRUCTED ACROSS THE FULL WIDTH OF ALL DRAINAGE EASEMENTS TO CONVEY DRAINAGE SURCHARGE FLOWS.
17. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
18. GRATES AND COVERS SHALL CONFORM WITH THE CITY COUNCIL'S SPECIFICATION.
19. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
20. BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE CITY COUNCIL'S SPECIFICATIONS.
21. STEP IRONS ARE TO BE PLACED IN PITS GREATER THAN 1.2M DEEP IN ACCORDANCE WITH THE CITY COUNCIL'S AND MANUFACTURER REQUIREMENTS.
22. SUBSOIL DRAINS ARE TO BE PROVIDED BEHIND ALL KERBS AS DIRECTED.
23. ALL PITS SHALL BE BENCHED AND FLOW STREAMLINED.
24. ALL MILD STEEL FIXTURES INCLUDING (GRATES, FRAMES, STEP IRONS, LADDERS ETC) SHALL BE HOT DIP GALVANISED WHICH SHALL COMPLY WITH THE REQUIREMENTS OF AS 1214 OR AS 1650, AS APPROPRIATE.
25. GEOFABRIC FILTER SHALL BE PERMEABLE, NON-WOVEN FABRIC MANUFACTURED FROM A POLYPROPYLENE OR POLYESTER OF MASS GREATER THAN 135g/m²
26. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH A.S. 3500 3.1 (1998) AND AS/NZ 3500 3.2 (1998)
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MINIMUM COVER OF 600mm DURING CONSTRUCTION.

PEDESTRIAN PAVEMENT JOINTS

1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS (U.N.O.)
2. EXPANSION JOINTS ARE TO BE LOCATED, WHERE POSSIBLE, AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 1.2m CENTRES.
3. SAW JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 1.5m
4. JOINTS SHALL BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS WHERE POSSIBLE.
5. PEDESTRIAN PAVEMENT JOINTING DETAILS SHALL BE AS PER LCC



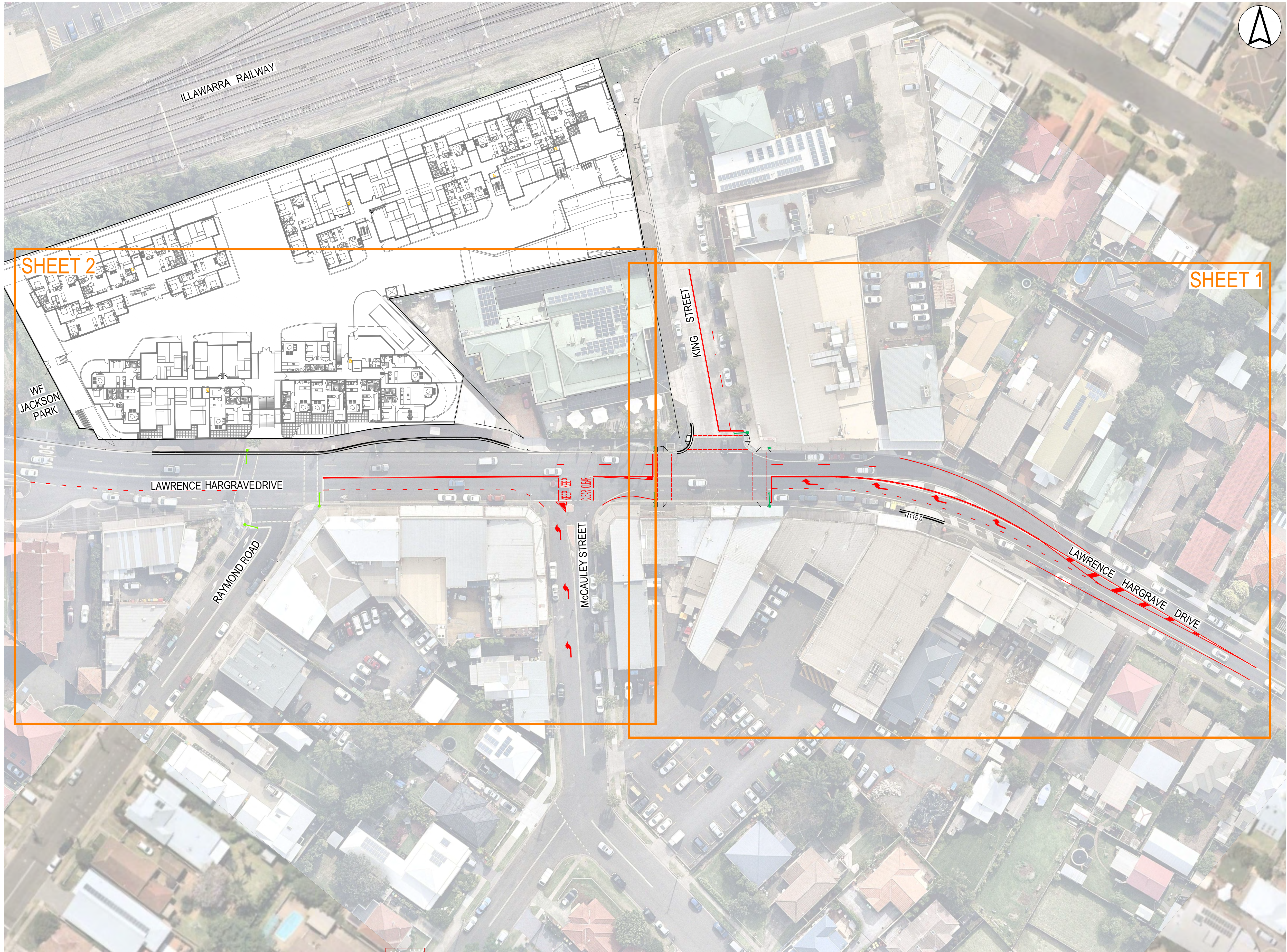
6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS PER THE DRAWINGS.
7. VEHICULAR ACCESS IS TO BE MAINTAINED FOR ALL PROPERTIES DURING THE COURSE OF CONSTRUCTION.
8. THE CONTRACTOR SHALL CONTACT RESIDENTS/OWNERS WITHIN 48 HOURS PRIOR TO COMMENCEMENT OF WORKS UNLESS OTHERWISE DIRECTED.
9. ALL DRIVEWAY ADJUSTMENTS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS
10. SUBSOIL FLUSHING POINTS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH D.O.H. STANDARD DRAWING NO RM 14. THEY SHOULD BE LOCATED AS DIRECTED ON THE DRAWINGS.
11. PROPOSED SERVICES WHICH CROSS THE EXISTING ROADS SHALL BE THRUST BORED UNDER THE ROAD TO AVOID DAMAGING THE EXISTING SURFACE
12. ALL ROADS ARE TO BE TEMPORARILY SEALED WITH A 1 COAT SEAL. THE FINAL ASPHALT CONCRETE TO BE BONDED AND PLACED FOLLOWING APPROVAL FROM COUNCIL.

1. PREPARATION FOR PAVEMENT:
 - CLEAR SITE
 - STRIP TOPSOIL
 - CUT AND FILL AND PREPARATIONS OF SUBGRADE SHALL BE AS DESCRIBED IN 'EARTHWORKS'
2. SUBGRADE SHALL BE COMPACTED TO 98% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT $\pm 2\%$ IN ACCORDANCE WITH AS1289.5.1
3. LOWER BASE COURSE SHALL BE CONSTRUCTED FROM CRUSHED SANDSTONE COMPACTED TO 98% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT $\pm 2\%$ IN ACCORDANCE WITH AS 1289.5.1.1. OF THICKNESS NOTED ON DRAWINGS.
4. BASE COURSE SHALL BE CONSTRUCTED FROM FINE CRUSHED ROCK DGB20 COMPACTED TO 100% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT $\pm 2\%$ IN ACCORDANCE WITH AS1289.5.1.1. OF THICKNESS NOTED ON DRAWINGS.
5. APPLY TACK COAT 30-120 MINUTES BEFORE ASPHALT SURFACING IS PLACED. 5. COVER THE SURFACE UNIFORMLY AT AN APPLICATION RATE OF 0.10 - 0.30 L/m² OF RESIDUAL BITUMEN.
6. WEARING SURFACE SHALL BE ASPHALTIC CONCRETE TO STANDARD SPECIFICATION, MINIMUM THICKNESS = ??? (SECOND LAYER TO BE LAID AT END OF CONTRACT)

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa. OTHERWISE AS PER COUNCIL SPECIFICATIONS.
2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.11).
3. EXPANSION JOINTS (E.J.) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT Max 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
4. IN THE REPLACEMENT OF ROLLKERB AND GUTTER, EXISTING ROAD PAVEMENT IS TO BE SAWCUT 500mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW ROLLKERB AND GUTTER, NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
5. PRAM RAMP GRADES SHALL BE MAX 1 IN 14, IN SPECIAL CIRCUMSTANCES GRADES SHALL BE ABSOLUTE MAX 1 IN 10.
6. WEAKENED PLANE JOINTS TO BE A MINIMUM 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT ON INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS SHALL MATCH THE JOINT LOCATIONS IN THE SLABS.
7. RAMPED AND VEHICULAR CROSSINGS SHALL HAVE AS BROOMED FINISH WITH ALL OTHER KERBING OR DISH GUTTERS TO HAVE STEEL FLOAT FINISHED.

ALL NOTES ARE TO BE READ IN CONJUNCTION WITH
WOLLONGONG CITY COUNCIL ENGINEERING SPECIFICATIONS

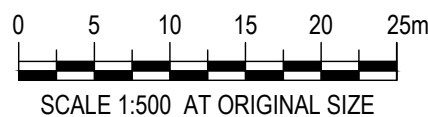
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LEGEND

SHEET LAYOUT (1:250 SCALE)

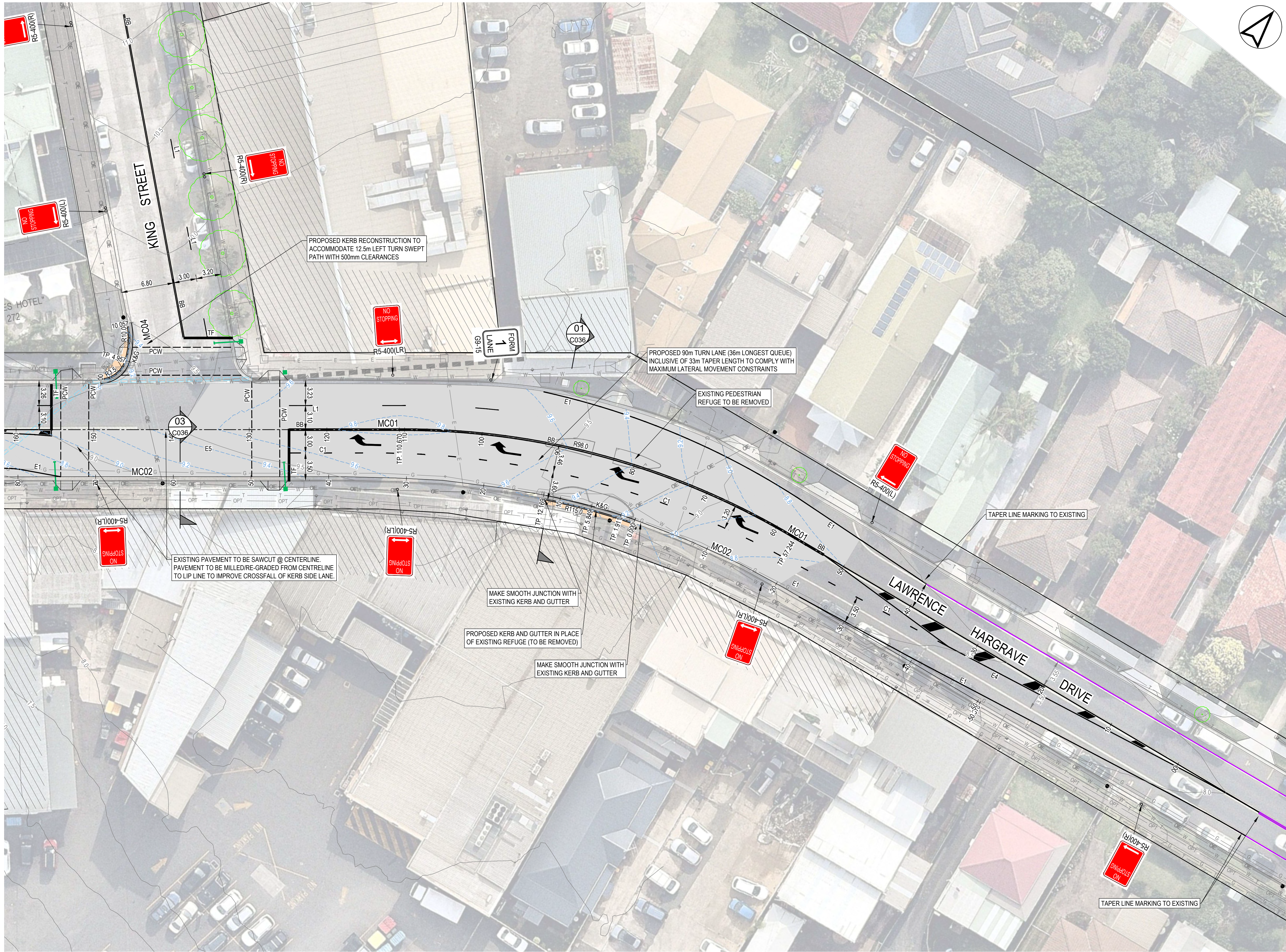
REV	DATE	DESCRIPTION	AMD BY	APP BY
4	05.07.22	ADDED BUS LANE, MOVED LOADING ZONE	SW	MR
3	23.06.22	REMOVED BOLLARDS AND ASSOCIATED SERVICE ADJUSTMENTS	SW	MR
2	25.02.22	AMENDED LHD/KING STREET INT., (CHEVRON MEDIAN)	SW	MR
1	19.05.21	ISSUED FOR APPROVAL	SW	MR



DRAWN: SJW	DESIGNED: SJW
DRAFT CHECK:	DESIGN CHECK:
APPROVED:	
FOR APPROVAL	

THIRROUL PLAZA
PUBLIC DOMAIN WORKS
KEY PLAN

DRAWING NUMBER ISC00115-30-C002	SHEET No.	ORIG. SIZE A1	REVISION 4
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LEGEND

CIVIL

PAVEMENT

PROPOSED FOOTPATH
(FINISH SUBJECT TO
ARCHITECTURAL FEEDBACK)

7.0

CONTOURS (0.5m)

K&G

KERB & GUTTER

PRAM RAMP (RMS SPEC)

STORMWATER PIPES

STORMWATER
STRUCTURES

APPROX LANTERN
(TBC BY OTHERS)

LINE MARKING

(REFER CODE)

PROPOSED LINE MARKING

EXISTING LINE MARKING TO REMAIN

PAINTED BUS LANE

EXISTING

STORMWATER PIPES (LOCATED)

STORMWATER PIPES (W.C.C.)

7.0

CONTOURS (0.5m)

S

SEWER

W

WATER

T

TELECOM.

OPT

OPTUS

G

GAS

E

ELECTRICAL

OE

OVERHEAD ELECTRICAL

EXISTING LANTERN

REV	DATE	DESCRIPTION	AMD BY	APP BY
5	05.07.22	ADDED BUS LANE, MOVED LOADING ZONE	SW	MR
4	23.06.22	REMOVED BOLLARDS AND ASSOCIATED SERVICE ADJUSTMENTS	SW	MR
3	25.02.22	AMENDED LHD/KING STREET INT. (CHEVRON MEDIAN)	SW	MR
2	23.11.21	REISSUE FOR AMENDED BOLLARD EXTENT/STRAT	SW	MR
1	19.05.21	ISSUED FOR APPROVAL	SW	MR



DRAWN: SJW	DESIGNED: SJW
DRAFT CHECK:	DESIGN CHECK:
APPROVED:	
FOR APPROVAL	

THIRROUL PLAZA
PUBLIC DOMAIN WORKS
GENERAL ARRANGEMENT PLAN
SHEET 1 OF 2

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
ISC00115-30-C010		A1	5