SOUTH EAST GROWTH CORRIDOR FUNCTIONAL TRAFFIC INFRASTRUCTURE GREATER SHEPPARTON CITY COUNCIL

GENERAL NOTES:

- GRID OF AUSTRALIA (MGA) ZONE 55.
- 2. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.
- 3. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH **AS2124-1992** GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
- 4. ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB
- 5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- 7. ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
- 8. ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.
- 9. FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
- 10. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- 11. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.
- 12. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- 13. AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.50m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.
- 14. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- 15. WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED. APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
- 16. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCILS PERMISSION.
- 17. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION
- 18. WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- 19. TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.
- 20. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL
- 21. WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. FILLING TO BE CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 95% AUSTRALIAN STANDARD DENSITY.
- 22. WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
- 23. LINEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742-1 AND AS 1742-2 UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.
- 24. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP 25. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.
 - 26. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.
 - 27. TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.

DRAWING SCHEDULE

REFERENCE	DESCRIPTION	SHEET No.
F1-1	FACE SHEET	1
F2-1	INTERSECTION A1	2
F2-2	INTERSECTION A2	3
F2-3	INTERSECTION A3	4
F2-4	INTERSECTION A4	5
F2-5	INTERSECTION A5	6
F2-6	INTERSECTION A6	7
F2-7	INTERSECTION A7	8
F2-8	INTERSECTION A8	9
F2-9	INTERSECTION A9	10
F2-10	INTERSECTION A10	11
F3-1	TYPICAL CROSS SECTIONS	12
F3-2	TYPICAL CROSS SECTIONS	13

TOLAND TOLAND	<u></u>	EXISTING WATER MAIN, VALVE AND HYDRANT	W	PROPOSED WATER MAIN
		EXISTING WATER RECYCLED EXISTING UNDERGROUND ELECTRICITY		PROPOSED WATER RECYCLED PROPOSED UNDERGROUND ELECTRICITY
HIGHWAY	— — OE — → →	EXISTING ONDERGROOND ELECTRICITY EXISTING OVERHEAD ELECTRICITY, POLE AND STAY	OE	PROPOSED OVERHEAD ELECTRICITY & POL
		EXISTING TELSTRA & SERVICE PIT		PROPOSED TELSTRA
	— — OF — — —	EXISTING OPTIC FIBRE	———— OF———	PROPOSED OPTIC FIBRE CONDUIT
		EXISTING GAS MAIN		PROPOSED GAS MAIN
WINTERSECTION A10	— — — S — — — — — — — — — — — — — — — —	EXISTING SEWER & MANHOLE EXISTING SEWER RISING MAIN	SRM	PROPOSED SEWER AND MANHOLE PROPOSED SEWER RISING MAIN
	— → CD — — —	EXISTING SEWER RISING THAIR	——→ CD ———	PROPOSED CATCH DRAIN
	— → BIO — — —	EXISTING BIO RETENTION	——→ BIO ———	PROPOSED BIO RETENTION
		EXISTING SWALE DRAIN	→ SD —	PROPOSED SWALE DRAIN
TYPICAL CROSS SECTION 6C -	— → INV — — — — Ex 450¢	EXISTING OPEN INVERT	→ INV — 450¢	PROPOSED OPEN INVERT
	LX 4300	EXISTING STORMWATER DRAIN & SIDE ENTRY PIT		PROPOSED STORMWATER DRAIN & PIT PROPOSED DRAINAGE INLET
	•—H——	EXISTING HOUSE DRAIN	- H	PROPOSED HOUSE DRAIN
	===========	EXISTING TRACK		DDODOCED CTODAY (A TED DIT NUMBER
INTERSECTION A1				PROPOSED STORMWATER PIT NUMBER
		EXISTING CONCRETE VEHICLE CROSSING		PROPOSED DRIVEWAY
		EXISTING FOOTPATH		PROPOSED FOOTPATH
		EXISTING KERB & CHANNEL	SM2	KERB & CHANNEL + TYPE
	168.90	EXISTING NERB & CHANNEL EXISTING SURFACE CONTOUR	168.90	FINISHED SURFACE CONTOUR MINOR
INTERSECTION A2 TYPICAL CROSS			169.00	FINISHED SURFACE CONTOUR MAJOR
TYPICAL CROSS SECTION 3A SECTION 3B	116.57	TANGENT POINT ROAD CHAINAGE	FS158.385	FINISHED SURFACE LEVEL
	158.664 EF180.915	EXISTING SURFACE LEVEL EXISTING FILL LEVEL.	T167.15	TOP/TOE OF BATTER LEVEL
THE TYPICAL CROSS SECTION 3CIA		EXISTING FIEL LEVEL. EXISTING SIGN AND POST	•• •	PROPOSED SIGN & POST
POPLAR AVENUE AVENUE	→	EXISTING LIGHT & POLE	\longrightarrow	PROPOSED LIGHT & POLE (BY OTHERS)
INTERSECTION A3	• >	STREET SIGN	•	STREET SIGN
TYPICAL CROSS SECTION 6B -	*	EXISTING PERMANENT SURVEY MARK	*	PROPOSED PERMANENT SURVEY MARK
TYPICAL CROSS SECTION 6B	52	ALLOTMENT NUMBER	 	TEMPORARY BENCH MARK (TBM)
	CH20.06	ROAD CHAINAGE	+	PROPOSED BOLLARD
		EXISTING TOP OF BATTER		TOP OF BATTER
		EXISTING LIMIT / TOE OF BATTER		LIMIT / TOE OF BATTER
				RIDGE / CHANGE OF GRADE
INTERSECTION AS		EXISTING TREE & SURVEYED CANOPY		ROAD RESERVE
INTERSECTION A4		TO BE RETAINED		LOT BOUNDARY
				EASEMENT SAW CUT PAVEMENT
TYPICAL CROSS SECTION 6A -		EXISTING TREE TO BE REMOVED	/	EXISTING FENCE
		EXISTING VEGETATION LINE		PROPOSED SLEEPER RETAINING WALL
TYPICAL CROSS SECTION 4A CHANNEY INTERSECTION A6		TELECOMMUNICATIONS CONDUIT		PROPOSED ROCK RETAINING WALL
TYPICAL CROSS SECTION 4A - "MICE INTERSECTION A6"	E)	ELECTRICAL CONDUIT		LAND ACQUISITION AREA
TYPICAL CROSS SECTION 4C		GAS & WATER CONDUIT		
TYPICAL CROSS SECTION 4B		IRRIGATION CONDUIT		ROAD CROSS SECTION 1
		AG DRAIN CONDUIT		ROAD CROSS SECTION 2 ROAD CROSS SECTION 3A
TYPICAL CROSS SECTION 8		PROPOSED AG DRAIN & FLUSHER		ROAD CROSS SECTION 3B
TYPICAL CROSS SECTION 8		CRUSHED ROCK BACKFILL TO STORMWATER		ROAD CROSS SECTION 3C
ROAD ROAD		TRENCH		ROAD CROSS SECTION 4A
		ROCK BEACHING		ROAD CROSS SECTION 4B
INTERSECTION A7		PARKING BAY/PAVED AREA		ROAD CROSS SECTION 4C ROAD CROSS SECTION 4D
TINGAL CROSS		· AMMING DATAL AVED AREA		ROAD CROSS SECTION 5
SECTION 4D INTERSECTION 48		GRANITIC SAND/SAND FILTER		ROAD CROSS SECTION 6A
TYPICAL CROSS SECTION 5 -				ROAD CROSS SECTION 6B
		CONCRETE ISLAND INFILL		ROAD CROSS SECTION 6C
		DDODOCED TDAFFIC LICILIT		ROAD CROSS SECTION 7
	0	PROPOSED TRAFFIC LIGHT		ROAD CROSS SECTION 6
TYPICAL CROSS SECTION		PROPOSED SHARED PATH ALIGNMENT		PROPOSED INTERSECTION LOCATIONS
		THO OSES STANCES FATTI ALIGNIENT		
	W	WATER REPLACEMENT		
TYPICAL CROSS SECTION 7	— — SRM — — —	SEWER REPLACEMENT		
	<u> </u>			
TYPICAL CROSS SECTION 2				
TYPICAL CROSS SECTION 2		WARNING		
	RENADE OF LIN	DERGROUND/OVERHEAD SERVICES		IAL BEFORE
		N OF SERVICES ARE APPROXIMATE ONLY		
	AND THEIR E	XACT POSITION SHOULD BE PROVEN ON		OU DIG
#		ARANTEE IS GIVEN THAT ALL EXISTING ARE SHOWN.SPECIAL CONSIDERATION		
LOCALITY PLAN	SHOULD BE	GIVEN TO CONSTRUCTION PROCEDURES	W	ww. 1100 .com.au
	■ UNDER DVER	HEAD ELECTRICITY TRANSMISSION LINES.	•	

LEGEND

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LOCALITY PLAN

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Map Reference VICROADS 675 Sheet Number 01 Drg Status PRELIMINARY

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UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

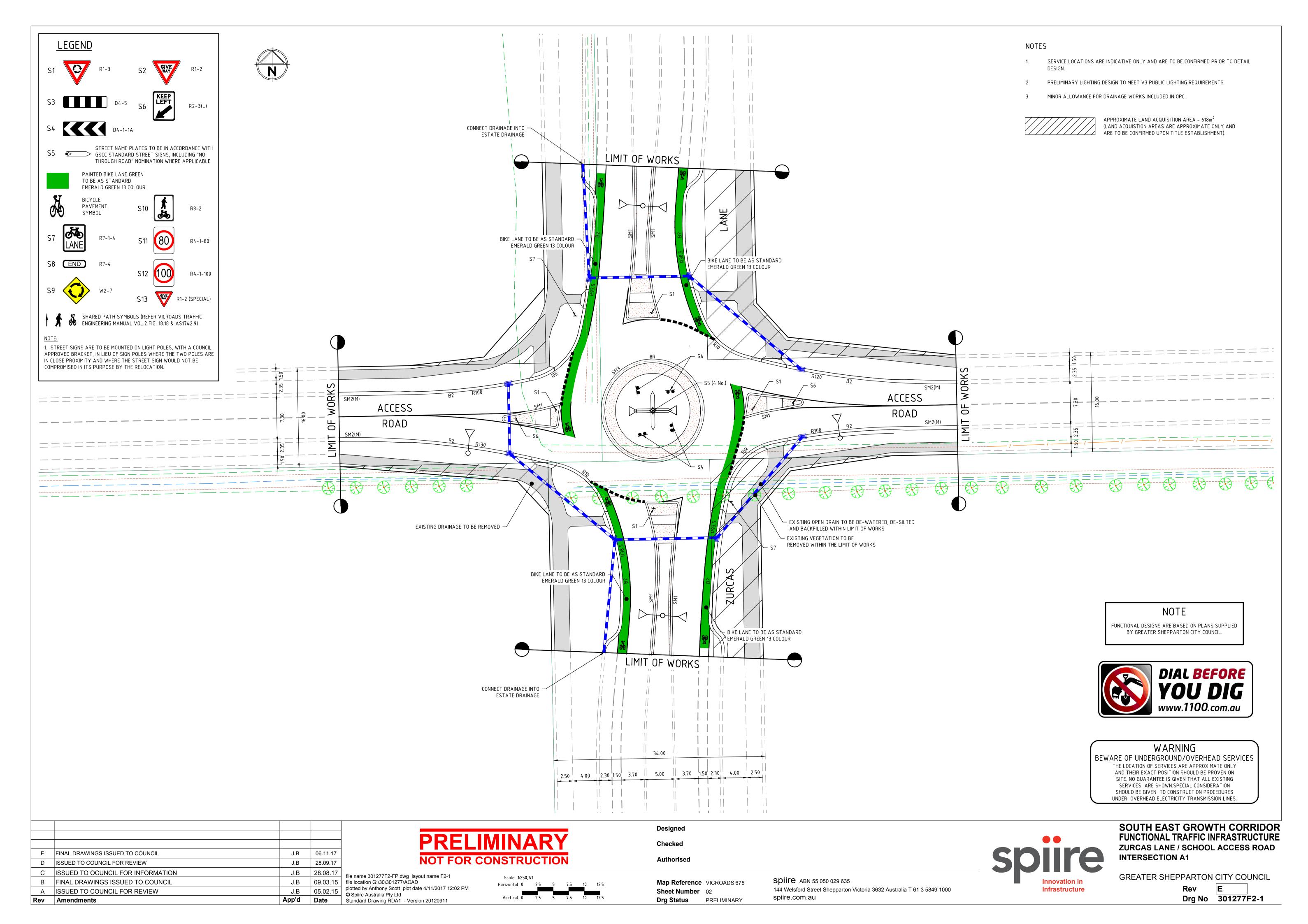
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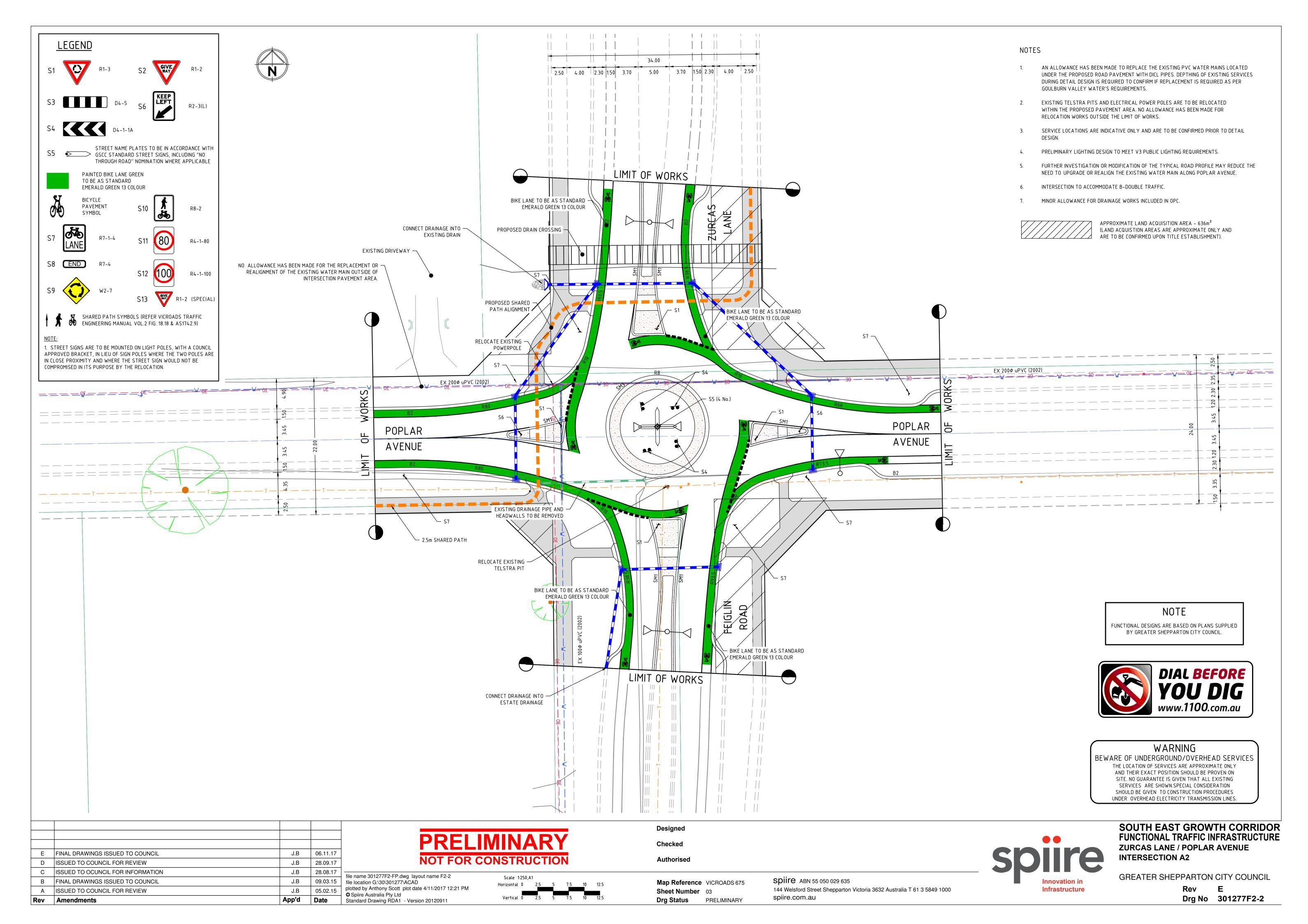


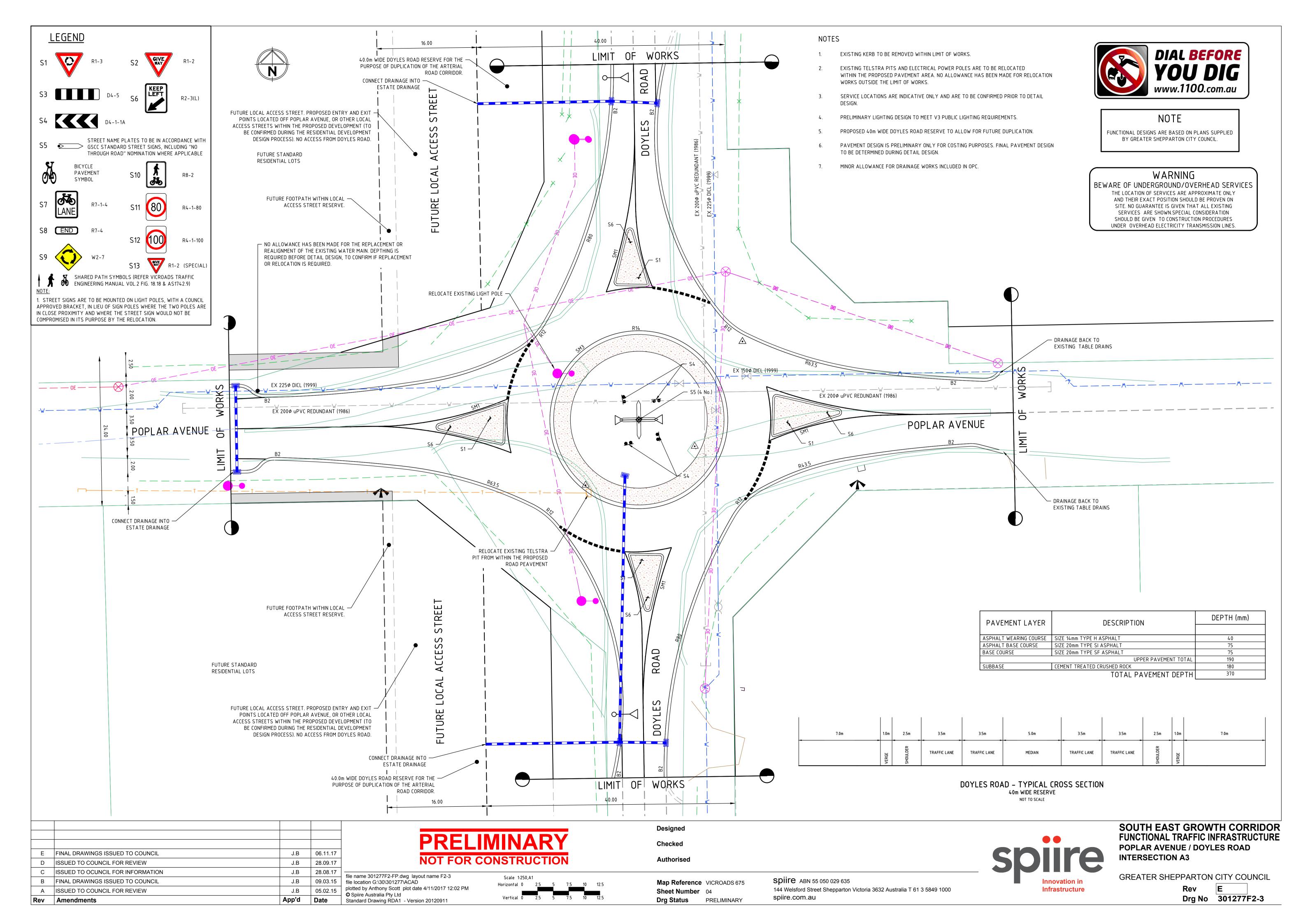
SOUTH EAST GROWTH CORRIDOR **FUNCTIONAL TRAFFIC INFRASTRUCTURE FACE SHEET**

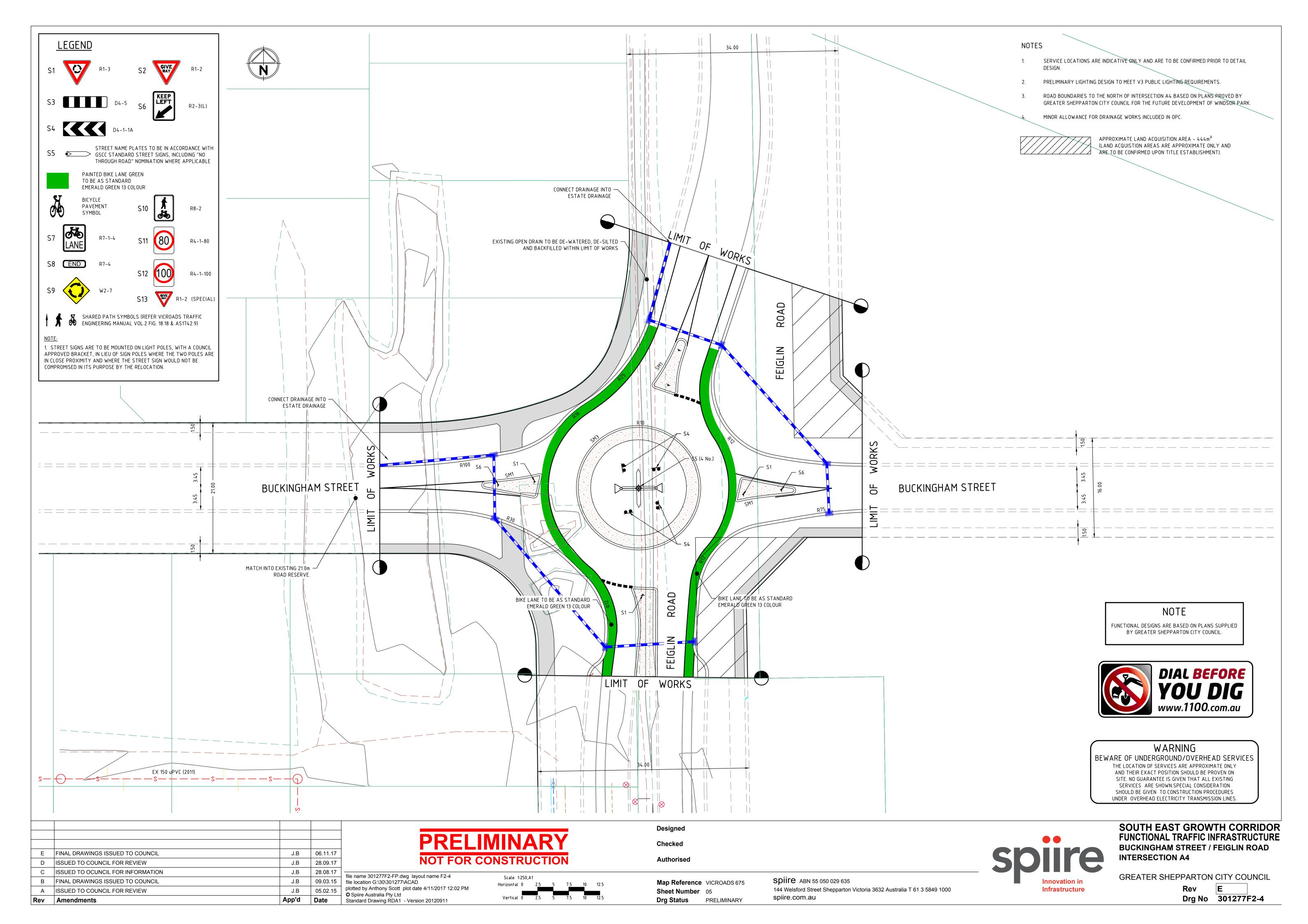
GREATER SHEPPARTON CITY COUNCIL

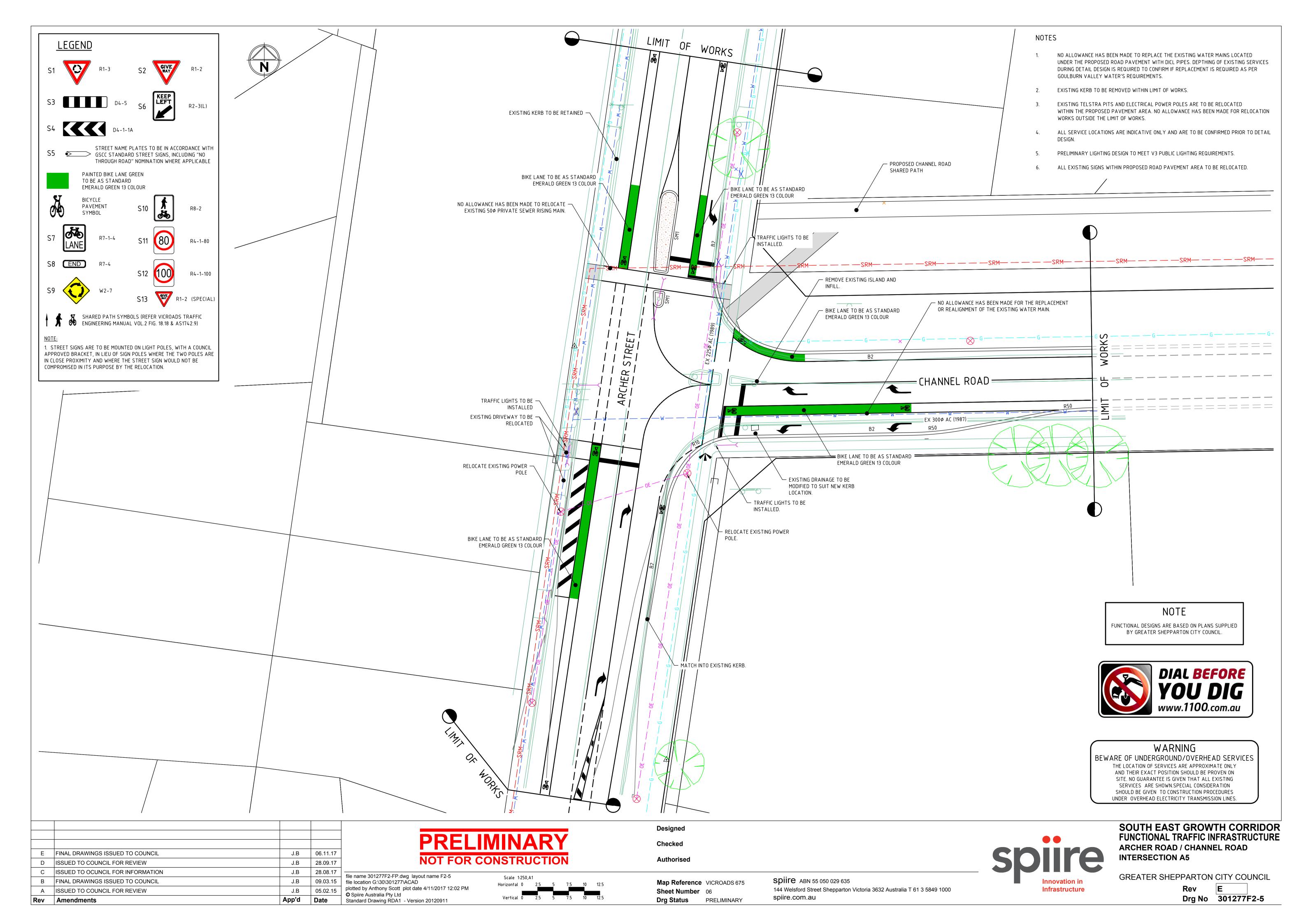
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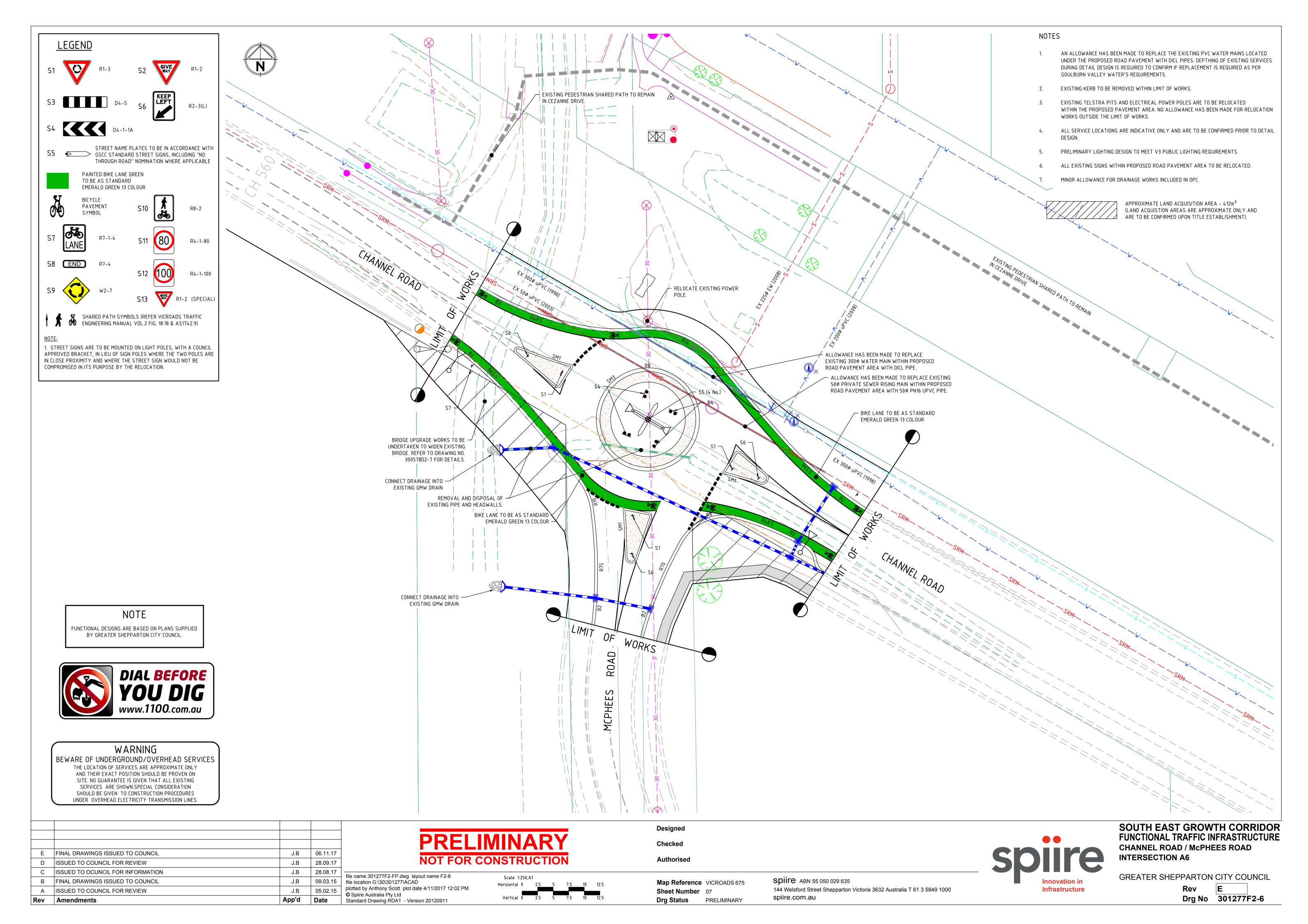


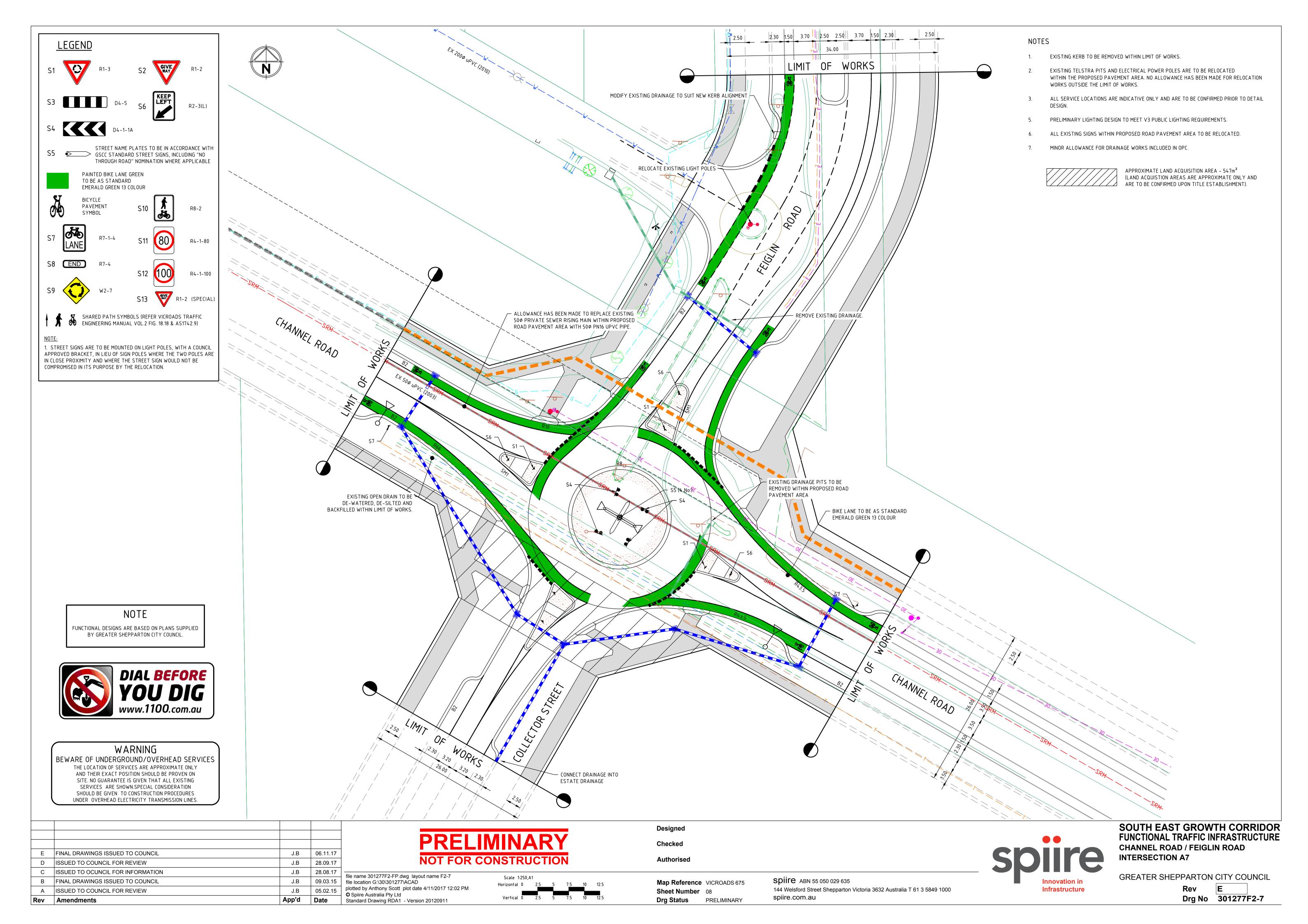


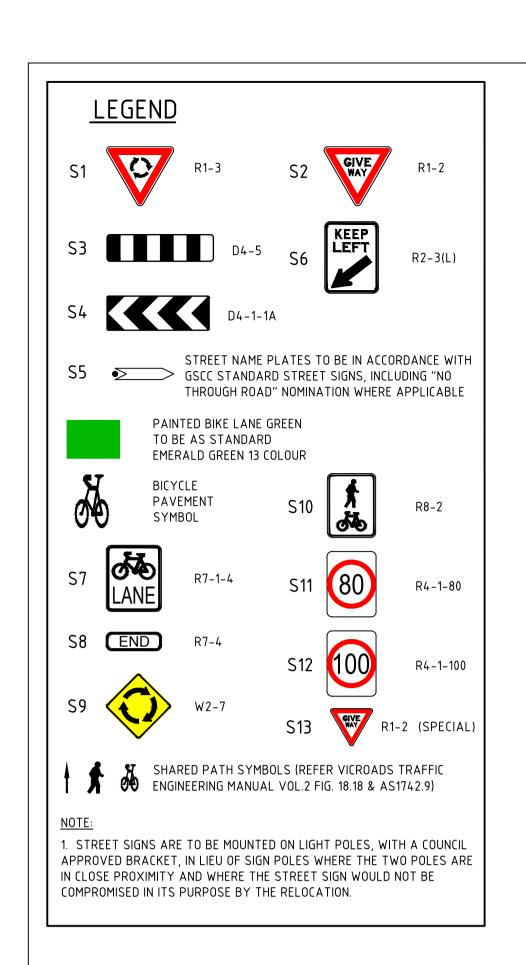


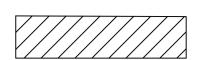






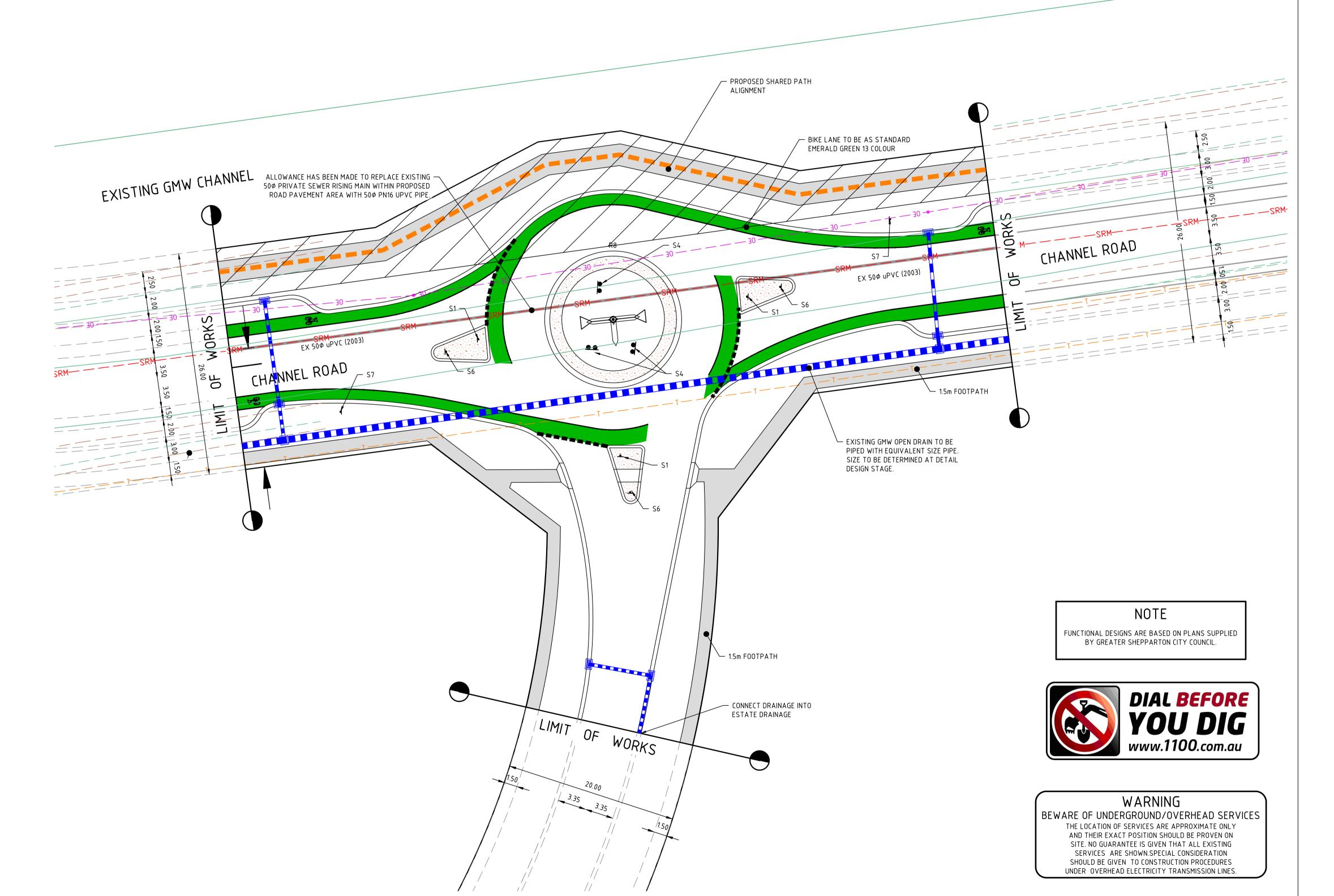






APPROXIMATE LAND ACQUISITION AREA - 744m² (LAND ACQUISTION AREAS ARE APPROXIMATE ONLY AND ARE TO BE CONFIRMED UPON TITLE ESTABLISHMENT).

- NOTES
- 1. EXISTING TELSTRA PITS AND ELECTRICAL POWER POLES ARE TO BE RELOCATED WITHIN THE PROPOSED PAVEMENT AREA. NO ALLOWANCE HAS BEEN MADE FOR RELOCATION WORKS OUTSIDE THE LIMIT OF WORKS.
- ALL SERVICE LOCATIONS ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED PRIOR TO DETAIL
- PRELIMINARY LIGHTING DESIGN TO MEET V3 PUBLIC LIGHTING REQUIREMENTS.
- 4. ALL EXISTING SIGNS WITHIN PROPOSED ROAD PAVEMENT AREA TO BE RELOCATED.
- MINOR ALLOWANCE FOR DRAINAGE WORKS INCLUDED IN OPC.



Rev	Amendments	App'd	Date
Α	ISSUED TO COUNCIL FOR REVIEW	J.B	05.02.15
В	FINAL DRAWINGS ISSUED TO COUNCIL	J.B	09.03.15
С	ISSUED TO OCUNCIL FOR INFORMATION	J.B	28.08.17
D	ISSUED TO COUNCIL FOR REVIEW	J.B	28.09.17
Е	FINAL DRAWINGS ISSUED TO COUNCIL	J.B	06.11.17

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Map Reference VICROADS 675
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SOUTH EAST GROWTH CORRIDOR FUNCTIONAL TRAFFIC INFRASTRUCTURE CHANNEL ROAD / ACCESS STREET INTERSECTION A8

GREATER SHEPPARTON CITY COUNCIL

Rev E Drg No 301277F2-8

