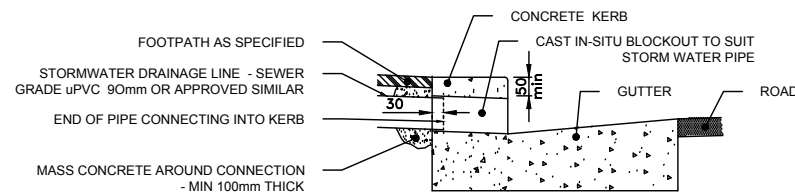


STORMWATER OUTLET IN SANDSTONE KERB

SCALE 1:20

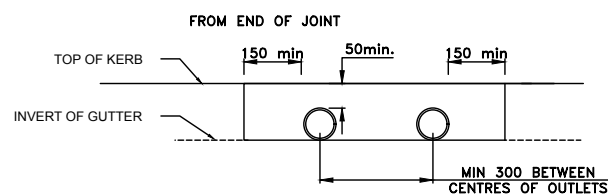
NOTE: FOR RHS STORMWATER OUTLETS - SEE NOTE 3 AND USE PIPE ADAPTER FOR KERB CONNECTION



STORMWATER OUTLET IN CONCRETE KERB

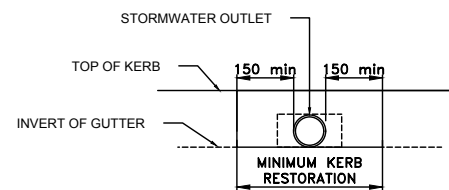
SCALE 1:20

NOTE: A. FOR RHS STORMWATER OUTLETS - SEE NOTE 3 AND EXTEND THROUGH KERB TO GUTTER. B. FOR ROLLTOP KERB - USE ADAPTER FOR KERB CONNECTION (TO RECTANGULAR/SQUARE SECTION)



STORMWATER OUTLET ELEVATION

SCALE 1:20



KERB RESTORATION DIAGRAM

SCALE 1:20

DRAINAGE NOTES 6:

1. CONCRETE STRENGTH

- A) KERB, KERB & GUTTER, FOOTPATH, CYCLEWAY, VEHICLE CROSSING, PRAM RAMP, EDGE STRIP: 25MPA @ 28 DAYS
- B) DISH CROSSING, ROAD PLATFORM/HUMP, ROAD SLAB: 40MPA @ 28 DAYS
- C) PIT: 25MPA @ 28 DAYS
- D) FOR TRAFFICKED AREAS WHERE FACILITY MUST BE OPEN TO TRAFFIC WITHIN 12 HOURS (EG VEHICLE CROSSING, ROAD SLAB, DISH CROSSING, ROAD PLATFORM/HUMP: 40 MPA WITH ACCELERATOR SUCH AS 2% CAEL (REFER TO SP40HC).

2. CONCRETE FINISH

- A) KERB, GUTTER, LAYBACK, DISH CROSSING, PIT (OUTER EXPOSED) - STEEL TROWEL
- B) VEHICLE CROSSINGS, FOOTPATH, CYCLEWAY, ROAD SLABS, PRAM RAMP, ROAD HUMPS/RAMPS - BROOM/BRUSH.
- C) PIT (INTERNAL): WOOD FLOAT.

3. STORMWATER OUTLETS

- A) UPVC
 - A)1. MINIMUM 90mm DIAMETER
 - A)2. SEWER GRADE
 - A)3. MINIMUM GRADE 1%
- B) RHS
 - B)1. MINIMUM 200x45x3mm
 - B)2. STEEL TO AS4671
 - B)3. HOT DIPPED GALVANISED INSIDE AND OUT TO AS4680
 - B)4. MINIMUM GRADE 1%

4. EXCAVATION

- A) AT ALL JOINS TO EXISTING CONCRETE/ASPHALT - THE JOIN SHALL BE SAW CUT BEFORE EXCAVATION.
- B) ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A LICENSED WASTE DISPOSAL FACILITY.

5. UTILITIES, SERVICES & SURVEY MARKS

- A) ALL UNDERGROUND UTILITY SERVICES SHALL BE CHECKED FOR LEVEL AND LOCATION PRIOR TO COMMENCEMENT OF WORKS, BY THE CONTRACTOR.
- B) ALL SERVICE COVERS AFFECTED BY THE WORKS SHALL BE ADJUSTED AS REQUIRED AND TO SUIT THE LEVELS OF THE NEW WORK. NO SERVICE FITTINGS SHALL BE COVERED.
- C) PROPERTY STORMWATER PIPES: WHERE AFFECTED, SHALL BE REPLACED WITH 90MM UPVC OR TO SUIT EXISTING AND INVERT SHALL MATCH THE GUTTER LEVEL.
- D) STATE SURVEY MARKS (SSM'S) - SHALL NOT BE DISTURBED UNLESS APPROVED BY THE COUNCIL ENGINEER.
- E) AT ALL LIGHT/POWER POLES, THE CONCRETE SHALL BE ENDED 150MM CLEAR OF THE POLE AND THE GAP FILLED WITH 30MM OF 10MM COLDMIX/ASPHALTIC CONCRETE.

6. NATURE STRIP RESTORATION

- A) MATCH EXISTING TURF.
- B) IF NEW TURF IS SPECIFIED - USE SOFT LEAF BUFFALO 'SHADEMASTER', LAID ON 100MM THICK PREPARED TOPSOIL, AS SPECIFIED BY THE COUNCIL ENGINEER.

7. EXISTING SIGNAGE

- A) SUCH SIGNAGE SHALL BE REINSTATED UNLESS THE COUNCIL ENGINEER ADVISES OTHERWISE.
- B) SIGNS REPLACED OR NEW, WITHIN THE NEW CONCRETE SHALL BE INSTALLED WITH A V-LOK.
- C) HERITAGE STREET NAME SIGNS EMBEDDED IN FOOTPATH PAVING AND KERBS - CAUTION SHALL BE EXERCISED TO NOT DAMAGE THESE SIGNS AND THE CONTRACTOR SHALL LIAISE WITH THE COUNCIL ENGINEER TO DETERMINE WHAT ACTION TO IMPLEMENT WHERE DISTURBANCE OF THE SIGN IS ESSENTIAL.

8. ASPHALTIC CONCRETE

- A) SHALL CONFORM TO RMS SPECIFICATION R116 - 'ASPHALT (DENSE AND OPEN GRADED)'

9. RESIDENT NOTIFICATION

- A) ALL RESIDENTS AFFECTED BY THE WORKS SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS BEFORE THE RELEVANT WORK COMMENCES AND ANY REASONABLE REQUESTS ACCOMMODATED.

10. SAFETY/SIGNAGE/ACCESS

- A) DURING CONSTRUCTION, ADEQUATE WARNING SIGNS AND BARRICADING SHALL BE PROVIDED TO ENSURE THAT THE WORK SITE MEETS THE REQUIREMENTS OF AS 1742.2 & 1743.3, AND TO PROVIDE ADEQUATE PROTECTION TO PEDESTRIANS & MOTORISTS.
- B) ADEQUATE AND SAFE ACCESS FOR PEDESTRIANS SHALL BE PROVIDED AT ALL TIMES.
- C) AT DRIVEWAYS - PREVENTION OF ACCESS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND ARRANGEMENTS SHALL BE MADE WITH THE RESIDENT/BUSINESS, BY THE CONTRACTOR, FOR A SUITABLE DAY/TIME FOR THIS WORK. USE OF HIGHER STRENGTH CONCRETE, WITH SHORTER CURING TIME MAY BE NECESSARY.

11. DIMENSIONS

- A) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.

12. GENERAL

- A) ALL WORKS SHALL BE CARRIED OUT TO COUNCIL'S SPECIFICATION, TO BEST PRACTICE STANDARDS, AND TO THE SATISFACTION OF COUNCIL'S SUPERVISING ENGINEER.
- B) THE WORK SITE SHALL BE KEPT IN A CLEAN, TIDY, AND SAFE CONDITION AT ALL TIMES AND TO THE SATISFACTION OF COUNCIL'S ENGINEER.

13. DOCUMENT PRIORITY

- A) THIS PLAN SUPERSEDES ANY STATEMENTS ON OTHER DOCUMENTS, EG SPECIFICATIONS, OTHER PLANS, ETC, UNLESS ADVISED BY THE COUNCIL ENGINEER.

14. INSPECTIONS

INSPECTIONS BY THE COUNCIL SUPERVISING ENGINEER SHALL BE REQUIRED AT THE FOLLOWING STAGES AND AS OTHERWISE DIRECTED BY THE COUNCIL ENGINEER:-

- A) EXCAVATION COMPLETED.
- B) PITS FORMED
- C) TOTALLY COMPLETED.

(ORIGINAL = A3 SHEET)

CHECKED & APPROVED	SURVEYED & DRAFTED	QUANTITIES	SERVICES AFFECTED	S.R.A. / SURV. GEN.	SERVICES	DATUM	FILE NO.	SHEET NO.
	DESIGNED PG/DJT MAY 2019			R.T.A.	TELECOM/OPTUS -T-T-T-T-	A. H. D.		
	APPROVED FOR CONSTRUCTION			A.G.L. / SHELL PIPELINES	GAS -G-G-G-G-	SCALES		
	DRAWN PG/DJT MAY 2019			SYDNEY WATER	SEWER -S-S-S-S-	NTS		
			TELSTRA / OPTUS	WATER -W-W-W-W-				
			SYDNEY ELECTRICITY	RAILWAY -R-R-R-R-				
			NOTICE OF ENTRY	ELEC. CABLES -E-E-E-E-				
			KERB & GUTTER	OIL PIPELINES -P-P-P-P-				
			NOTICES	DATE	STORM WATER -SW-SW-SW-			
						AMEND DATE DESCRIPTION	APPROV.	
INNER WEST COUNCIL STANDARD DRAINAGE DRAWING - D10 KERB STORMWATER OUTLETS SANDSTONE AND CONCRETE KERB							PLAN NO.	D10
							VERSION	V1