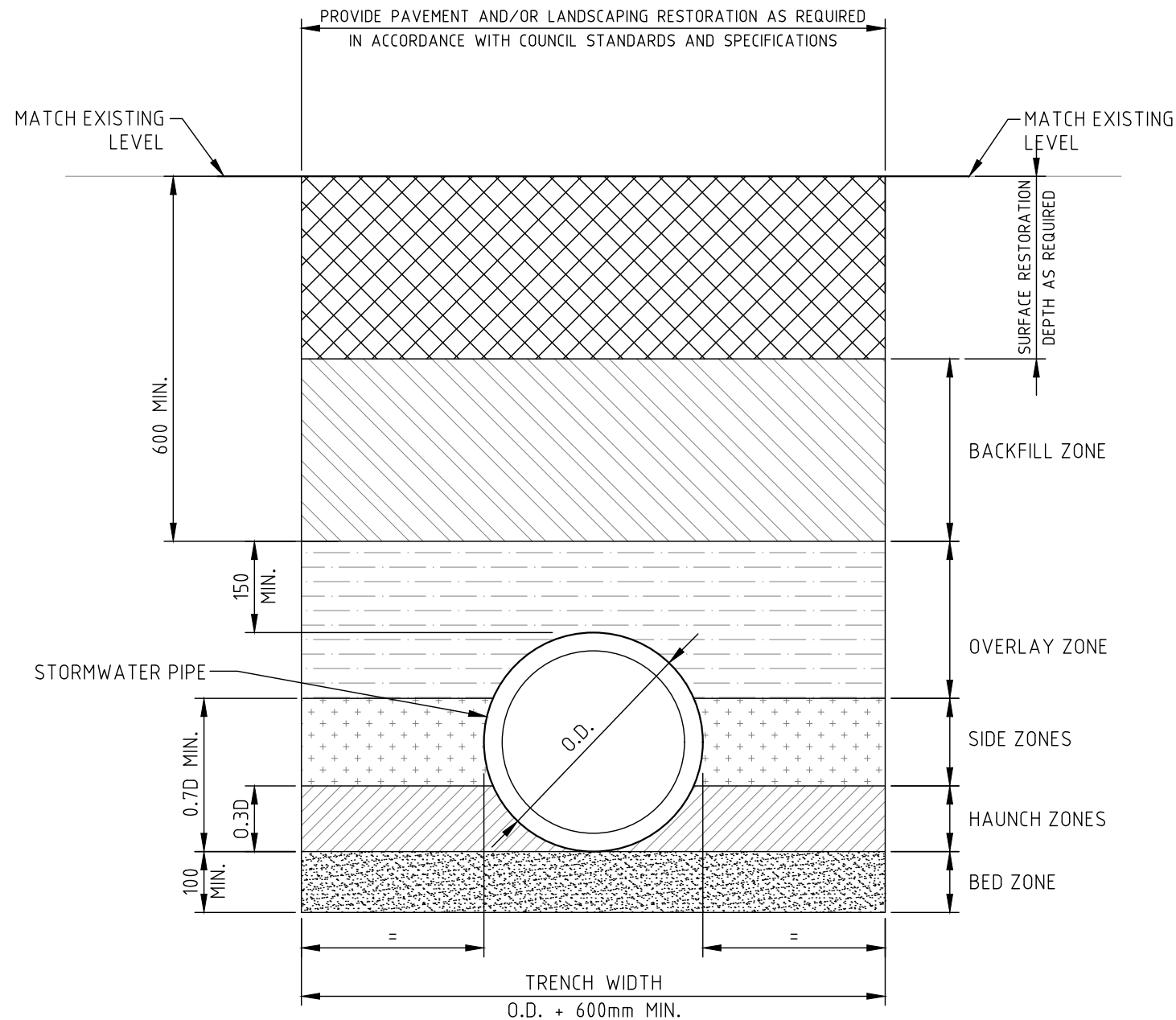


NOTES

1. THIS PLAN MUST BE READ IN CONJUNCTION WITH COUNCIL'S STORMWATER DRAINAGE SPECIFICATION.
2. STORMWATER PIPES SHALL BE CLASS 3, INCORPORATING RUBBER RING JOINTS AND ARE TO BE LAID WITH MINIMUM GRADES OF 1%. FOR SITE SPECIFIC CONSTRAINTS, GRADES TO 0.5% MAY BE APPROVED BY COUNCIL'S ENGINEER. HIGHER CLASS CONCRETE PIPES ARE TO BE USED WHERE COVER IS LESS THAN 600 TO COMPLY WITH AS 3725 AND MANUFACTURERS SPECIFICATIONS TO COUNCIL'S APPROVAL.
3. INSTALLATION OF CONCRETE PIPES TO CONFORM WITH THE REQUIREMENTS OF AS3725, THE SUPPORT TYPE SHALL BE TYPE HS2 SUPPORT UNLESS NOTED OTHERWISE.
4. BEDDING MATERIAL FOR THE BED AND HAUNCH ZONES SHALL CONSIST OF A GRANULAR MATERIAL HAVING A GRADING DETERMINED BY AS 114.11 AND COMPLYING WITH THE LIMITS SET OUT IN TABLE 6 OF AS3725 WITH A PLASTICITY INDEX LESS THAN 6. COMPACTION OF THE BEDDING MATERIAL IN THE BED AND HAUNCH ZONES SHALL COMPLY WITH THE APPROPRIATE MINIMUM ZONE COMPACTION REQUIREMENTS SET OUT IN AS 3725.
5. MATERIAL FOR THE SIDE ZONE SHALL CONSIST OF A GRANULAR MATERIAL HAVING A GRADING DETERMINED BY AS 114.11 AND COMPLYING WITH THE LIMITS SET OUT IN TABLE 7 OF AS3725 WITH PLASTICITY INDEX BETWEEN 2 AND 12. COMPACTION OF THE BEDDING MATERIAL IN THE BED AND HAUNCH ZONES SHALL COMPLY WITH THE APPROPRIATE MINIMUM ZONE COMPACTION REQUIREMENTS SET OUT IN AS 3725.
6. MATERIAL USED FOR TRENCH OVERLAY AND BACKFILL SHALL CONSIST OF NON-COHESIVE GRANULAR MATERIAL AND SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 150mm COMPACTED THICKNESS. MATERIAL IN THE BACKFILL ZONE SHALL BE COMPACTED TO MINIMUM 100% STANDARD MAXIMUM DRY DENSITY UNDER ROADS AND 95% STANDARD MAXIMUM DRY DENSITY IN ALL OTHER AREAS IN ACCORDANCE WITH AS 1289 5.1.1 OR 5.3.1.
7. REFER TO AS 3725:2007 TABLE B1 FOR REQUIRED FILL DEPTHS ABOVE PIPE BARREL PRIOR TO USE OF COMPACTION MACHINERY OR TRAVERSING OF PIPES BY GENERAL SITE EQUIPMENT. WHERE WORKING METHODS REQUIRE HIGHER CLASS PIPE, THE CONTRACTOR SHALL REFER TO AS 3725 (2007) TO DETERMINE THE APPROPRIATE PIPE CLASS. PROPOSED PIPE CLASS SHALL BE REVIEWED BY COUNCIL PRIOR TO INSTALLATION.
8. IN UNDERTAKING TRENCH EXCAVATION, THE CONTRACTOR SHALL PROVIDE ANY SHORING, SHEET PILING OR OTHER STABILISATION OF THE TRENCH NECESSARY TO COMPLY WITH STATUTORY REQUIREMENTS. THE SIDES ARE NOT TO BE LOADED & SHALL BE KEPT CLEAR OF LOOSE MATERIAL ETC. SAFE ACCESS & EGRESS SHALL BE PROVIDED AT ALL TIMES.
9. ALL WORKS ARE TO BE CONDUCTED IN A SAFE MANNER WITH THE LEAST POSSIBLE OBSTRUCTION TO BOTH VEHICULAR & PEDESTRIAN TRAFFIC. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO COUNCIL INDICATING ALL ACTIVITIES FOR CONTROLLING BOTH VEHICULAR & PEDESTRIAN MOVEMENTS & SHALL BE IN ACCORDANCE WITH AS 1742.5 AND THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
10. THE CONTRACTOR SHALL ENSURE THAT ALL NECESSARY SEDIMENT, NOISE AND DUST CONTROL MEASURES ARE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES. ALL SEDIMENT & EROSION CONTROLS SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF WORKS, INCLUDING REPAIR AND/OR REPLACEMENT OF DAMAGED SECTIONS. INSPECTIONS ARE TO BE MADE PERIODICALLY AND AFTER STORM EVENTS FOR DAMAGE.
11. ALL LINEMARKING & SIGNPOSTING AFFECTED BY WORKS IS TO BE REPLACED IN ACCORDANCE WITH AS 1742 & RMS REQUIREMENTS WHERE APPLICABLE.
12. REFER TO COUNCIL'S FLEXIBLE ROAD PAVEMENT TECHNICAL SPECIFICATION FOR RESTORATION OF SUBBASE AND /OR BASE COURSE FOR BOTH FLEXIBLE AND RIGID PAVEMENTS.
13. REFER TO COUNCIL'S CONCRETE TECHNICAL SPECIFICATION FOR RESTORATION OF CONCRETE BASE FOR RIGID PAVEMENTS.
14. REFER TO COUNCIL'S ASPHALTIC CONCRETE TECHNICAL SPECIFICATION FOR RESTORATION OF WEARING COURSE FOR FLEXIBLE PAVEMENTS.



TYPICAL STORMWATER PIPE TRENCH DETAIL

SCALE 1:10

Mosman
COUNCIL

R.C. STORMWATER PIPE TRENCH DETAIL [Ø375-Ø600]

0 0.2 0.4m
SCALE 1:10 @A3

REV.

B

DATE:
SEPT 2024

DRAWING No.

SD212A