



NOTES:

1. THE DETAILS PRESENTED IN THIS STANDARD DRAWING ARE CONSISTENT WITH AND EXCEED AS3725 REQUIREMENTS FOR TYPE HS3 SUPPORT REQUIREMENTS.
2. THESE REQUIREMENTS SHALL TAKE PRECEDENCE OF ANY OTHER REQUIREMENTS EXCEPT THAT IN THE CASE OF RMS CONTROLLED ROADS, THEIR REQUIREMENTS SHALL PREVAIL.
3. BEDDING AND HAUNCH ZONE MATERIAL SHALL BE COMPACTED IN 150MM MAXIMUM LAYERS TO 95% DRY DENSITY RATE (70% DENSITY INDEX) AND SHALL EXTEND TO AT LEAST 0.7x DIAMETER OF PIPE. MAXIMUM 20mm SINGLE SIZED, MATERIAL SHALL BE USED (Eg 5, 7, 10, 20mm BASALT, RIVER PEBBLES OR COARSE WASH SAND) USING HAND TAMPING AND VIBRATING PLATE COMPACTOR. SAND MAY BE FLOODED TO ENSURE PROPER COMPACTION PROVIDED WATER CAN FULLY DRAIN.
4. BACKFILL MATERIAL SHALL BE EITHER DGS40, DGB20 OR THE SAME MATERIAL USED AS BEDDING AND HAUNCH ZONE MATERIAL. COMPACT IN 150mm MAXIMUM LAYERS TO 95% DRY DENSITY RATION (70% DENSITY INDEX) TO UNDERSIDE OF PAVEMENT MATERIAL USING VIBRATING PLATE COMPACTOR.
5. WHEN CONSTRUCTING A STORMWATER TRENCH IN COUNCILS EXISTING ROAD PAVEMENT, REFER SD155 FOR ROAD RESTORATION REQUIREMENTS.
6. ON GRADES EXCEEDING 5% BULKHEADS MAY BE REQUIRED. REFER SPECIFICATION.
7. CONCRETE BULKHEADS SHALL BE INSTALLED ON PIPELINES WHERE THE GRADE EXCEEDS 10% OR WHERE SPECIFIED ON THE CONSTRUCTION PLANS. THE SPACING OF BULKHEADS SHALL BE AS SHOWN ON THE PLANS, WITH A MAXIMUM DISTANCE OF 10 METRES BETWEEN CENTRES OF BULKHEADS
8. REFER AS3725 AND THE CONCRETE PIPE ASSOCIATION OF AUSTRALIA GUIDELINES FOR PIPE COVER AND LOAD CLASS REQUIREMENTS.
9. REINFORCED CONCRETE PIPES SHALL BE RUBBER RING, SPIGOT/SOCKET, LAID WITH LIFTING HOLE UP. PIPE LAYING TO COMMENCE DOWNSTREAM. SOCKET END OF PIPE TO FACE UPSTREAM.
10. PIPES WITH ELLIPTICAL REINFORCING TO BE LAID IN ACCORD WITH MANUFACTURER'S 'TOP AND BOTTOM' MARKINGS WITHIN A TOLERANCE OF 5°.

					DRAWNTZ.. SCALE1:10. SHEET SIZE: A3	APPROVED  GROUP MANAGER INFRASTRUCTURE SERVICES D.L.	WINGECARRIBEE SHIRE COUNCIL				
							STANDARD DRAWING – STORMWATER DRAINAGE PIPES IN ROAD PAVEMENT				
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