FOOTPATH

SURCHARGE INLET PIT (NOTE 1)

AGG PIPES

NEW STORMWATER INLET PIT AS PER DRAWING 7.1.1

ROAD

PROVIDE 5 x 100 OPENING IN THE KERB. PROVIDE 1.70 LONG PLATE TO COVER THE ENTRY STRUCTURE

5% MIN. FALL

SLOPE

CROSSFALL

150mm HIGH KERB, MATERIAL TO MATCH THE KERBS

GRASS VERGE

LEVELS SHALL BE 50mm LOWER THAN ROAD GUTTER LEVELS

RAINGARDEN LEVELS SHALL BE CALCULATED TO ALLOW FOR MINIMUM 150mm DEPTH OF PONDING

BOUNDARY

PLAN
1:100

TO STORMWATER DRAINAGE NETWORK

RAINGARDEN

SETOUT PLAN
WITH DIRECT SIDE INLET

NOTE:
1. RAINGARDEN SHALL BE DESIGNED IN ACCORDANCE WITH SYDNEY STREET TECHNICAL SPECIFICATION PART A4.
2. SURCHARGE PIT MAY BE DELETED UPON APPROVAL. REFER SYDNEY STREET TECHNICAL SPECIFICATION PART A4.
3. THIS OPTION BEST SUITS SMALLER CATCHMENTS WHERE FOOTPATH HAS A GRASS VERGE, INVERTS OF THE EXISTING DRAINAGE PIPES ARE SHALLOWER THAN 1.2m.
4. THE DRAINAGE PIT SHALL BE CONSTRUCTED IN ACCORDANCE WITH DRAWINGS #7.1.1 TO #7.1.6.

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

GALVANISED PLATE DETAIL INSTALLATION DETAIL
1:50

GALVANISED PLATE DETAIL
1:10

CHEMICALLY ANCHORED GAL. BOLTS

100mm WIDE OPENING IN KERB

PLATE SHALL BE RECESSED INTO KERB

6mm THICK PLATE FIXED WITH 2 N12 GAL 75mm CHEMICALLY ANCHORED BOLTS EMBEDDED INTO KERB

DRAINAGE

Rev D
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Approved P S

RAINGARDENS