NOTES

1. REMOVE ALL VEGETATION AND TOPSOIL, FROM UNDER THE DAM WALL AND FROM WITHIN THE STORAGE AREA.

2. FORM A CUTOFF WALL UNDER THE CONTROLLING OF THE EMBANKMENT 650mm DEEP AND 1250mm WIDE EXTENDING TO A POINT ON THE GULLY WALL, ABOVE THE TOP OF THE RISER PIPE LEVEL.

3. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT TO 95 PER CENT COMPACTION.

4. SELECT FILL THAT IS FREE FROM ROOTS, WOOD, ROCK, LARGE STONES OR FOREIGN MATERIAL.

5. PREPARE THE SITE UNDER THE EMBANKMENT BY SEDIMENTATION AT LEAST 15mm DEEP TO HELP BOND COMPACTED FILL TO EXISTING SUBSTRATE.

6. SPREAD FILL IN 100mm TO 150mm LAYERS AND COMPACT AT OPTIMUM MOISTURE CONTENT.

7. INSTALL PIPES OUTLET OR SEEPAGE COLLARS.

8. FORM BATTER GRADING AT 2(H):1(V) UPSTREAM AND 3(H):1(V) DOWNSTREAM.

9. CONSTRUCT EMERGENCY SPILLWAY 300mm ABOVE TOP OF RISER PIPE.

10. PLACE A "FULL OF SEDIMENT" MARKER TO SHOW WHEN LESS THAN 15mm OF FILL IS REQUIRED TO BE DUMPED.

11. REFER TO NSW DEPARTMENT OF ENVIRONMENT CLIMATE CHANGE 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION' FOR OTHER REQUIREMENTS.

12. REFER TO DETAIL DIAGRAM.

13. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING AT LEAST 2.0m DEEP TO HELP BOND COMPACTED FILL TO EXISTING SUBSTRATE.

14. ALTERNATE TREATMENTS TO MATTRESS AT INLET AND OUTLETS, SUCH AS CONCRETE, GRADING, RIP-RAP AND PLACED ROCK, TO BE UTILIZED AS DETERMINED ON SITE.

15. LOCATION AND LEVEL OF SEDIMENTATION BASIN SHOWN ON THE CONSTRUCTION DRAWINGS REFER TO "THIS POINT."  

16. PLACE A "FULL OF SEDIMENT" MARKER TO SHOW WHEN LESS THAN 15mm OF FILL IS REQUIRED TO BE DUMPED.

17. REFER TO NSW DEPARTMENT OF ENVIRONMENT CLIMATE CHANGE 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION' FOR OTHER REQUIREMENTS.

18. REFER TO DETAIL DIAGRAM.

19. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING AT LEAST 2.0m DEEP TO HELP BOND COMPACTED FILL TO EXISTING SUBSTRATE.
Combination Sedimentation and Accidental Spill Basin

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<tr>
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<tr>
<td>1</td>
<td>Natural Surface to 2:1 Level</td>
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<tr>
<td>2</td>
<td>Inflow Pipe Minimum Cover over Pipe to be 3.0m</td>
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<tr>
<td>3</td>
<td>Rock Filled Mattress 230 Deep (Typ.)</td>
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<tr>
<td>4</td>
<td>Rock Filled Mattress 230 Deep</td>
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All dimensions are in millimetres unless otherwise shown.

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Cover over pipe to be 500mm minimum.

REFER NOTE 5 (SEE SHEET 1)

Variable (SEE SHEET 1)

Variable (SEE SHEET 1)