



- NOTES:**
- Concrete N32 precast or N25 cast insitu in accordance with AS 1379 and AS 3600.
 - Live Load Surcharge, earth and ultimate load factors are in accordance with Australian Bridge Design Code.
 - All welds to AS 1554. All welding symbols to AS 1101.3.
 - Grate and frame to be hot dip galvanised after fabrication to AS 1650.
 - Steel reinforcing bars to be Grade 250 to AS 4671.
 - All flats Grade 250 to AS 3678.
 - All angles Grade 250 to AS 3679.1
 - All bolt hexagonal heads to AS 1111, nuts to AS 1112, washers to AS 1237, galv. to AS 1214.
 - Class B grate to AS 3996 - grate in direction nominated, refer Project Drawings.
 - Pits up to a depth of 2.2 metre do not require steel reinforcement. One layer of SL81 mesh is to be placed centrally in the wall for pit depths 2.2 to 3.0 metres.
 - Bicycle safe grates are to be provided in all areas unless approved otherwise.
 - Pit size and depth requirements are:
 - 0-1m depth = 600 x 600 inlet
 - 1-1.5m depth = 900 x 600 inlet
 - 0-2m depth = 900 x 900 inlet
 - 2m or greater = std. manhole with 600 x 600 nom. grate set into an approved roof slab.
 - Council may accept 300 x 300 pit for property drainage.
 - All dimensions are in millimetres unless shown otherwise.

These drawings have been developed in consultation between the participating Councils. BEFORE USE, the user shall confirm that the drawing has been adopted by the appropriate Council.

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| Rev. | DATE | REVISIONS |
| A | 10/12 | ORIGINAL ISSUE |



INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA
 QUEENSLAND DIVISION INC.
 STANDARD DRAWINGS

DRAINAGE PITS
 FIELD INLET
 TYPE 1 AND TYPE 2

DS-050