



NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS ON SITE AND NOTIFY THE PROJECT MANAGER OF ANY VARIATIONS FROM DIMENSIONS BEFORE CONSTRUCTION.
2. ALL STRUCTURAL STEELWORK FABRICATION SHALL COMPLY TO SANS 1200H.
3. ALL STRUCTURAL STEEL TO BE GRADE 350W ACCORDING TO SANS 1431.
4. ALL STRUCTURAL STEEL SHALL BE COATED WITH A ZINC COATING APPLIED BY THERMO-DIFFUSION COATING (SHERARDIZING) IN ACCORDANCE WITH BS EN 13811:2003.
5. INFILL CONCRETE 28DAY STRENGTH TO BE 40MPa/10mm.
6. CONCRETE COVER OF 60mm IS TO BE MAINTAINED.

MATERIAL LIST PER ACCESS MANHOLE COVER A

ITEM	DIMENSIONS (mm)	WEIGHT (KG)	# OF	TOTAL WEIGHT (KG)
102x203x23 kg/m T	860	19.87	5.00	99.00
END PLATE	130x10x860	8.78	2.00	17.56
END PLATE	140x10x1015	11.15	2.00	22.30
SUB TOTAL WEIGHT: STEEL				138.00
40 MPa CONCRETE INFILL	0.11	246.79	1.00	246.79
TOTAL ACCESS MANHOLE COVER WEIGHT (KG)				384.79

MATERIAL LIST PER ACCESS MANHOLE COVER B

ITEM	DIMENSIONS (mm)	WEIGHT (KG)	# OF	TOTAL WEIGHT (KG)
102x203x23 kg/m T	860	19.87	4.00	79.00
END PLATE	130x10x860	8.78	2.00	17.56
END PLATE	140x10x1015	11.15	2.00	22.30
SUB TOTAL WEIGHT: STEEL				118.00
40 MPa CONCRETE INFILL	0.09	196.42	1.00	196.42
TOTAL ACCESS MANHOLE COVER WEIGHT (KG)				314.42

SECTION THROUGH EXISTING QUAY TO SHOW ACCESS EXTENSION TYPE 4 (AET 4)

1:20

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REFERENCE DRAWINGS

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