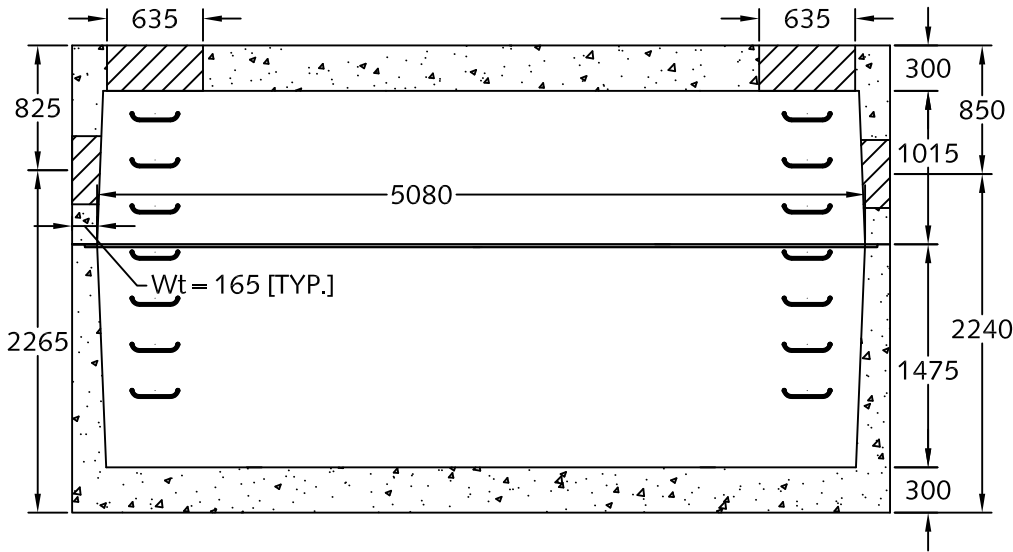
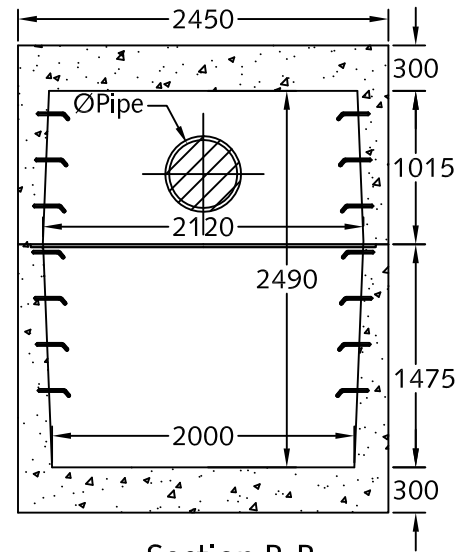


Plan View



Section A-A



Section B-B

Notes:

1. Vault 5212.5 to be built as shown.
2. Concrete vault dimensions: 5.0 x 2.1 x 2.5 m.
3. Unit designed to withstand AASHTO HS-20 live loading.
4. Chamber to have 2- $\text{Ø}635$ mm access core as shown.
5. Unit c/w rough cores for inlet/outlet as required.
6. Unit c/w lifting inserts as required.
7. Optional ladder rungs shown.
8. Each core is to have additional reinforcement placed around the core equal to or greater than the steel area removed for the core.
9. All reinforcement has a minimum of 25 mm of concrete cover.
10. Approximate weights:
 - Top section: 18,650 kg.
 - Bottom Section: 22,000 kg.
11. Minimum concrete strength: 35 MPa.
12. Minimum rebar yield strength: 414 MPa.
13. All dimensions are in millimeters.



DESCRIPTION:

Vault 5212.5

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DRAWN BY:	KS	ORIGIN:	CHWK
CHK BY:	JDB/SW	DWG NO:	V5212.5
DATE:	MARCH/16/2009	REV DATE:	1. JULY/15/2010
SCALE:	1:50		

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