MATERIAL RATIO
CEMENTITIOUS
WATER/CONTENT (MIN.)
400 (kg/m³)

DAYS f'c (MPa)
STRENGTH AT 28
COMPRESSIVE
CHARACTERISTIC
VR 400/40
GRADE
CONCRETE

NOTES:
CONCRETE
1. CONCRETE SHALL BE SPECIAL CLASS PERFORMANCE CONCRETE AS
   SPECIFIED IN VICTORIAN STANDARD SPECIFICATION FOR BRIDGEWORKS.
   AS/NZS 5100
   VR SPECIFICATION 610 STRUCTURAL CONCRETE
   400 OVER LAP (SEE SECTION A-A)
2. EXPOSURE CLASSIFICATION SHALL BE B1 FOR SURFACES OF CONCRETE
   CONTACTING SOIL AND B2 FOR ALL OTHER SURFACES.
3. ALL CORNERS SHALL HAVE 20 x 20mm FILLETS OR CHAMFERS UNLESS
   NOTED OTHERWISE.
REINFORCEMENT
4. COVER - 55mm UNLESS NOTED OTHERWISE.
5. SPACING - TAKEN AS EQUAL UNLESS NOTED OTHERWISE.
6. GRADE - 1. INTENSITY OF HIGH STRENGTH STEEL REINFORCING DEFORMED
   BARS/GRADE 500 (NORMAL DUCTILITY) TO AS/NZS 4671. (R)
   DENOTES PLAIN REINFORCING BARS TO AS/NZS 4671.
7. BARS - BARS SHALL BE BENT AROUND 4db PIN TO AS 5100-2004.
8. WELDING - NOT PERMITTED UNLESS NOTED OTHERWISE.
9. SPLICING - SHALL BE IN ACCORDANCE WITH AS 5100-2004 SPLICES TO
   BE STAGGERED SO THAT NO MORE THAN 50% OCCUR AT
   ANY LOCATION.
GENERAL
10. INSTALLATIONS SHALL BE IN ACCORDANCE WITH ROAD DESIGN NOTE 03-01
    THE USE OF HIGH PROFILE BARRIER KERB IMPERIAL.
11. MINIMUM LENGTH OF FULL HEIGHT KERB SHALL BE 3m.
12. REINFORCEMENT OF HIGH PROFILE BARRIER KERB SHALL ACCOUNT FOR
    PAYMENT DRAINAGE CONSIDERATIONS.

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