EXPANSION JOINT
SPACING 16m
(SEE DETAIL 'A' FOR ALTERNATIVE PRE-FORMED JOINT DETAILS)

CONTRACTION JOINT
SPACING 4m

CONSTRUCTION JOINT
PLACEMENT AS REQUIRED

STEEL REINFORCED
(USE WHERE DIRECTED, IN FILL OR POOR SUBGRADE; REFER NOTES 1 & 2)

NOTES:
1. REFER SUPPLEMENTARY NOTES ON BSD-0018 FOR SUBGRADE DESCRIPTION.
2. WHERE CONCRETE PATH IS TO BE USED FOR MAINTENANCE VEHICLE OR MACHINERY ACCESS, PATH MUST BE MIN. 125 THICK AND REINFORCED TO SATISFY ANTICIPATED LOADING CONDITIONS.
3. PROPERTIES CRACK INDUCE PRODUCTS MAY BE USED IN PLACE OF SAW-CUTTING ON CONTRACTION JOINTS WHERE PATH IS MESH REINFORCED, GALVANISED MESH IS TO BE USED ON ALL CONTRACTION JOINTS.
4. PROPERITY COMBINATION DOWELED KEY JOINT WITH EXPANSION MATERIAL MAY BE USED IN PLACE OF STANDARD DOWEL JOINT AND EXPANSION JOINT. REFER DETAIL 'A' FOR typical DETAILS.
5. FOR STEEL MESH REINFORCED PATHS AT DOWELLED EXPANSION JOINTS MESH IS TO BE STOPPED 75 FROM THE JOINT. BE PLACED UNDER THE DOWELS AND CHAIN AT MIN. 5O CM FROM BOTTOM TO DETECT THE MESH DEFLECTION INTERFERING WITH THE DOWELS.
6. WHERE CONCRETE PATH IS TO BE CONSTRUCTED ADJACENT TO EXISTING TREES, AN ARTICULATED JOINT SYSTEM MAY BE USED TO MINIMIZE POTENTIAL DAMAGE FROM TREE ROOTS. REFER DETAIL 'B' AND BSD-5204 FOR DETAILS.
7. FOR FIBRE REINFORCED CONCRETE PATHS, THE CONCRETE SHALL BE REINFORCED WITH CLASS 2 MICRO-STRUCTURAL SYNTHETIC POLYMER FIBRES OR WITHIN CONCRETE GRADED 13/16. FIBRE MANUFACTURER MUST BE ABLE TO PROVIDE EVIDENCE OF NATA TESTING TO ASTM-1699 WITH MINIMUM ACTUAL RESULT OF 35% IN RELEVANT CONCRETE STRENGTHS. SIZING OF FIBRES MAY BE BY READY MIX SUPPLIER IN ACCORDANCE WITH MANUFACTURER'S TECHNICAL REFERENCE. CONCRETE PLACER/CONTRACTOR MUST FAMILIARISE THEMSELVES WITH THE PLACING AND FINISHING GUIDE AVAILABLE FROM THE MANUFACTURER OF NOMINATED FIBRE.
8. ALL CONCRETE TO BE GRADE N32.
9. DIMENSIONS IN MILLIMETRES (M.N.O.)