NEW DRAINAGE ELEMENTS
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Grass Lined Channel with Low Flow Invert
- Easement for Drainage Over Existing Drainage Line
- Easement for Grass Lined Channel with Low Flow Invert

LEGEND
- Design Strings
- Pavement Drainage Outlet Location
- Extent of Catchment Controlled
  by Proposed Pavement Drainage

Peak Flow Location and Identifier
(Refer Table D1 of Appendix D)

Project Boundary
Existing Drainage Line

Unless otherwise shown, Transverse Drainage Requirements
at driveways and internal access roads not shown

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY

Figure 6.2
Sheet 1 of 10
Existing Dam to be Demolished and Removed
Catch Drain (Grass Lined)
Catch Drain (Rock/Concrete Lined)
Easement for Drainage Over Existing Drainage Line

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT

Proposed Transverse Drainage and Flood Mitigation Strategy

New Drainage Elements
- Existing Dam to be Demolished and Removed
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Easement for Drainage Over Existing Drainage Line

Peak Flow Location and Identifier (Refer Table D1 of Appendix D)
- Project Boundary
- Existing Drainage Line
- Easement for Drainage

Scale: 1:4,000

Legend:
- Design Strings
- Pavement Drainage Outlet Location
- Extent of Catchment Controlled by Proposed Pavement Drainage

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY
Proposed Transverse Drainage Structure and Identifier

Design Road Control String and Chainage
Existing Dam

Legend:
- Proposed Transverse Drainage Structure and Identifier
- Design Road Control String and Chainage
- Existing Dam

Peak Flow Location and Identifier (Refer Table D1 of Appendix D)
Project Boundary
Existing Drainage Line

Unless otherwise shown, Transverse Drainage Requirements at driveways and internal access roads not shown

NEW DRAINAGE ELEMENTS
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Grass Lined Channel with Low Flow Invert
- Easement for Grass Lined Channel with Low Flow Invert

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT
Figure 6.2
Sheet 4 of 10
EXISTING DAM TO BE DEMOLISHED AND REMOVED

CATCH DRAIN (GRASS LINED)
CATCH DRAIN (ROCK/CONCRETE LINED)
GRASS LINED CHANNEL WITH LOW FLOW INVERT
EASEMENT FOR DRAINAGE OVER EXISTING DRAINAGE LINE

LEGEND

THE NORTHERN ROAD UPGRADE
PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY
NEW DRAINAGE ELEMENTS
- Existing Dam to be Demolished and Removed
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Grass Lined Channel with Low Flow Invert
- Easement for Grass Lined Channel with Low Flow Invert

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT
Figure 6.2
Sheet 6 of 10
PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY
NEW DRAINAGE ELEMENTS

- Existing Dam to be Partially Filled
- Existing Dam to be Demolished and Removed
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Grass Lined Channel with Low Flow Invert
- Easement for Grass Lined Channel with Low Flow Invert

THE NORTHERN ROAD UPGRADE

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY

Figure 6.2
Sheet 7 of 10
NEW DRAINAGE ELEMENTS

Existing Dam to be Demolished and Removed
Catch Drain (Grass Lined)
Catch Drain (Rock/Concrete Lined)
Grass Lined Channel with Low Flow Invert
Easement for Grass Lined Channel with Low Flow Invert

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY

Figure 6.2
Sheet 8 of 10
THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT

Figure 6.2
Sheet 9 of 10

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY

- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Grass Lined Channel with Low Flow Invert

Legend:
- Design Strings
- Pavement Drainage Outlet Location
- Extent of Catchment Controlled by Proposed Pavement Drainage
- Unless otherwise shown, Transverse Drainage Requirements at driveways and internal access roads not shown

Scale: 1:4,000

Scale: 1:4,000

Legend:
- Proposed Transverse Drainage Structure and Identifier
- Design Road Control String and Chainage
- Existing Dam
- Proposed Western Sydney Airport Boundary
- Peak Flow Location and Identifier (Refer Table D1 of Appendix D)
- Project Boundary
- Existing Drainage Line
- Extent of Catchment Controlled by Proposed Pavement Drainage
- Unless otherwise shown, Transverse Drainage Requirements at driveways and internal access roads not shown

Unless otherwise shown, Transverse Drainage Requirements at driveways and internal access roads not shown

Legend:
- Design Strings
- Pavement Drainage Outlet Location
- Extent of Catchment Controlled by Proposed Pavement Drainage
- Unless otherwise shown, Transverse Drainage Requirements at driveways and internal access roads not shown

Scale: 1:4,000

Scale: 1:4,000
NEW DRAINAGE ELEMENTS
- Existing Dam to be Abandoned
- Catch Drain (Grass Lined)
- Catch Drain (Rock/Concrete Lined)
- Flood Relief Channel
- Grass Lined Channel with Low Flow Invert
- Easement for Grass Lined Channel with Low Flow Invert

THE NORTHERN ROAD UPGRADE
Proposed Transverse Drainage and Flood Mitigation Strategy

THE NORTHERN ROAD UPGRADE
FLOOD RISK ASSESSMENT
Figure 6.2
Sheet 10 of 10

PROPOSED TRANSVERSE DRAINAGE AND FLOOD MITIGATION STRATEGY