

# CONSTRUCTION STAGING METHODOLOGY FOR UPGRADES TO COCA-COLA AMATIL FACILITY, NORTHMEAD, NSW

## STAGE 1 – NEW PRODUCTION LINES

### PHASE 1 – DEMOLITION AND SITE PREPARATIONS

- BEFORE CONSTRUCTION OR DEMOLITION WORKS CAN COMMENCE, THE EMPLOYEES AND RESOURCES CURRENTLY IN THE EXISTING FINANCE AND EQUIPMENT SERVICES BUILDING MUST BE RELOCATED. IT HAS BEEN PROPOSED THAT THE FINANCE AND EQUIPMENT SERVICES OPERATIONS WILL BE RELOCATED TO THE FACILITIES END OF THE EXISTING BUILDING AT LOT 21. TO THE NORTH OF LOT 21 IS AN EXISTING CARPARK WHICH CAN BE UTILISED BY THE RELOCATED FINANCE AND EQUIPMENT SERVICES STAFF.
- FOLLOWING THE STAFF RELOCATION DEMOLITION OF THE EXISTING FINANCE AND EQUIPMENT SERVICES BUILDING CAN COMMENCE.
- DURING THESE OPERATIONS THE DEMOLITION CREW CAN MAKE USE OF THE EXISTING BITUMEN CARPARK TO THE SOUTH OF THE FINANCE AND EQUIPMENT SERVICES BUILDING FOR THEIR CARPARKING AND SITE SHED AREA.
- A SITE ENTRY/EXIT POINT TO BRIENS ROAD EXISTS TO THE NORTH OF THE EXISTING FINANCE AND EQUIPMENT SERVICES BUILDING. THIS ACCESS POINT CAN BE UTILISED FOR DEMOLITION VEHICLES AND STAFF MOVEMENTS TO/FROM THE CONSTRUCTION/DEMOLITION ZONE.
- THE PURPOSE OF THE DEMOLITION PHASE IS TO REMOVE EXISTING BUILDING STRUCTURES AND TO CLEAR THE SITE READY FOR THE STAGE 1 AND 2 CONSTRUCTION WORKS.
- THE DEMOLITION WORKS TO TAKE PLACE AS A PART OF STAGE 1, PHASE 1 INCLUDE:
  - DEMOLITION OF EXISTING FINANCE AND EQUIPMENT SERVICES BUILDING.
  - REMOVAL OF EXISTING VENDING MACHINES.
  - DEMOLITION OF EXISTING TRAINING AND MAINTENANCE BUILDING (BUILDING 7) ADJACENT TO CANTEEN.
  - REMOVAL OF VEGETATION IN OPEN DRAIN ZONE.
  - CLEAR SITE READY FOR STAGE 1 PHASE 2.
- SEE ROBERT BIRD GROUP DRAWING No. 06371 S1.01 Rev P1.

### PHASE 2 – CIVIL WORKS

- ONCE THE SITE HAS BEEN CLEARED FOLLOWING DEMOLITION THE CIVIL WORKS CAN COMMENCE.
- AS WITH THE DEMOLITION CONTRACTOR THE CIVIL WORKS CONTRACTOR CAN MAKE USE OF THE EXISTING BITUMEN CARPARK FOR THEIR PARKING AND SITE SHED REQUIREMENTS. LEAVING THIS AREA SEALED REDUCES DUST MIGRATION AROUND THE CONSTRUCTION SITE AND OVERALL FACILITY.
- THE CIVIL WORKS IN THIS PHASE HAS THREE MAJOR OBJECTIVES.
  - TO COMPLETE THE REQUIRED STORMWATER MANAGEMENT SYSTEMS (DIVERSION CULVERTS AND ONSITE DETENTION) PRIOR TO THE CONSTRUCTION WORKS OF STAGE 1 AND 2.
  - TO INITIATE ON SITE ROADWORKS TO ALLOW CONSTRUCTION TRAFFIC TO TRAVEL AROUND THE NORTHERN, EASTERN AND SOUTHERN EDGES OF THE CONSTRUCTION WORKS IN STAGE 2. THIS CONSTRUCTION ROADWAY BECOMES A PART OF THE FINAL TRUCK LOOP FOLLOWING COMPLETION OF STAGE 2.
  - TO INITIATE ON SITE ROADWORKS FOR A NEW SLIP LANE FOR THE STAFF TO ACCESS THE CARPARK NORTH OF LOT 21 FROM AN ENTRY/EXIT POINT WEST OF THE BUSY INTERSECTION OF BRIENS ROAD AND OLD WINDSOR ROAD.
- FOLLOWING THE COMPLETION OF THE STORMWATER WORKS (DIVERSION, CULVERTS AND ONSITE DETENTION) REMEDIATION EARTHWORKS CAN COMMENCE AS WELL AS THE EARTHWORKS TO CREATE THE BUILDING PLATFORM.
- THE ROADWORKS WILL CONTINUE UNTIL COMPLETED. THE ACCESS TO THE CONSTRUCTION SITE AND EXISTING CARPARK TO THE NORTH OF LOT 21 WILL REMAIN AS PER STAGE 1 PHASE 1.
- THE OPEN DRAIN ZONE IS TO BE FILLED AND COMPACTED TO ALLOW CONSTRUCTION ACCESS TO WAREHOUSE A AND B FOR THE NEW PRODUCTION LINE WORKS.
- SEE DRAWING 06371-S1.02-P1.

### PHASE 3 – NEW PRODUCTION LINE

- FOLLOWING THE MODIFICATIONS TO WAREHOUSE A THE NEW PRODUCTION LINE IN WAREHOUSE A AND B CAN BE CONSTRUCTED.
- WHILE THE NEW PRODUCTION LINE IS BEING CONSTRUCTED THE CIVIL CONTRACTOR CAN COMPLETE THEIR WORKS PRIOR TO STAGE 2 COMMENCING.
- THE CIVIL CONTRACTOR'S TASKS IN PHASE 3 WILL INCLUDE:
  - FINALISE STORMWATER WORKS.
  - FINALISE REMEDIATION EARTHWORKS.
  - COMPLETE CONSTRUCTION OF ROADWAY AND PARKING SLIP LANE INCLUDING BUILDING RETAINING WALL (ALLOW CONSTRUCTION ACCESS TO HIGH BAY WAREHOUSE SITE) AND NEW ACCESS AND EGRESS POINT ONTO BRIENS ROAD.
- FOLLOWING THE COMPLETION OF THE NEW PRODUCTION LINE WORKS, THE SOUTHERN END OF THE STAGE 2 SITE CAN BE PREPARED FOR THE REQUIRED CONSTRUCTION PARKING ZONE, TRUCK TURNING ZONE AND SITE SHED ZONE.
- SEE ROBERT BIRD GROUP DRAWING No. 06371 S1.03 Rev P1.

### CARPARKING REQUIREMENTS – STAGE 1

	PROCESS	CONSTRUCTION
PHASE 1	150-200	20
PHASE 2	150-200	30
PHASE 3	150-200	40

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**COCA-COLA AMATIL**

Title  
**STAGING METHODOLOGY  
STAGE 1  
CONSTRUCTION NOTES**

Project  
**CONSTRUCTION STAGING  
METHODOLOGY AT COCA COLA AMATIL  
NORTHMEAD, NSW**

NOT FOR CONSTRUCTION			
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