

LEGEND

MAIN OVERLAND FLOW ROUTE
(PRELIMINARY)

PIPE SIZE

STORMWATER DRAINAGE PIPE

STORMWATER DRAINAGE PIT

OSD BY-PASS AREA

OSD TANK

LOT BOUNDARY

RETAINING WALL

DESIGN SUMMARY - LOT 1

SITE STORAGE REQUIREMENT (SSR) = 300m³/ha

SITE AREA: 0.48 ha

SSR = 144m³

AREA DRAINING TO TANK 1: 0.335ha (76.5%)

AREA DRAINING TO TANK 2: 0.103ha (23.5%)

AREA BY-PASSING OSD: 0.0425 (8.85%)

ADJUSTED SSR: 152.64m³

VOLUME OF TANK 1: 122m³ (29x7x0.6)

VOLUME OF TANK 2: 37.5m³ (10x5x0.75)

TOTAL PROVIDED OSD STORAGE = 159.50m³

PERMISSIBLE SITE DISCHARGE (PSD) = 200L/S/ha

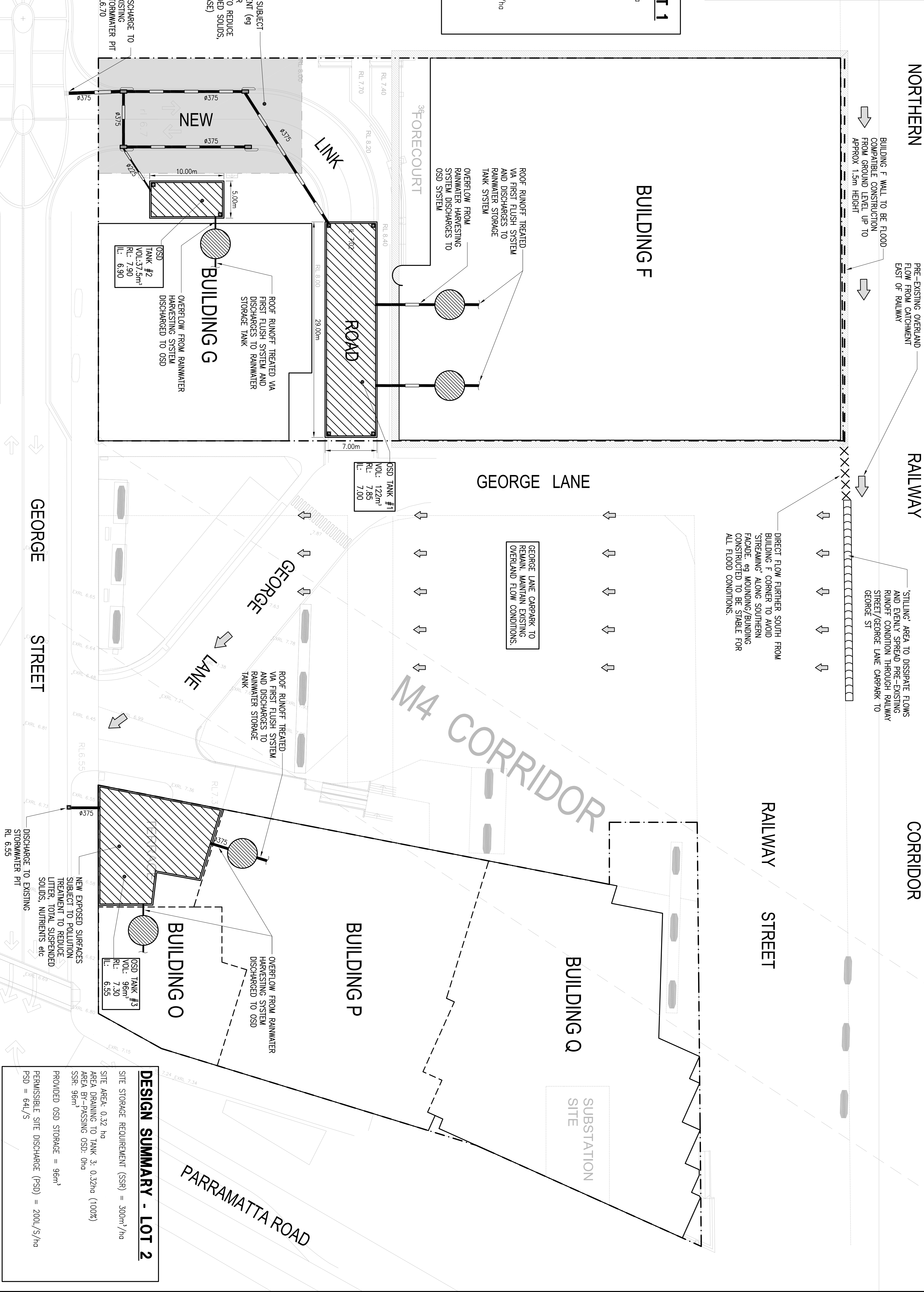
PSD = 96L/S

ADJUSTED PSD = 90L/S

PSD 1 = 68L/S

PSD 2 = 21L/S

TOTAL PSD = 89L/S



ISSUE	AMENDMENT	VERIFIED	APPROVED	DATE
1	ISSUED WITH ENVIRONMENTAL ASSESSMENT REPORT		A.D.	26.05.10

CLIENT

ARCHITECT

WAH ARCHITECTS PTY LTD

Bringing people, ideas & engineering together

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PROJECT

BAKEHOUSE QUARTER PART 3A

DRAWING TITLE

CONCEPT STORMWATER MANAGEMENT PLAN

JOB NUMBER

09809

DRAWING NUMBER

DA01

REVISION

1

DRAWING SHEET SIZE = A1