

**CONCEPT DESIGN  
NOT FOR CONSTRUCTION**

CIVIL ENGINEERING  
044-RC-101\_C0-061

CONCEPT DESIGN  
EROSION AND SEDIMENT  
CONTROL PLAN

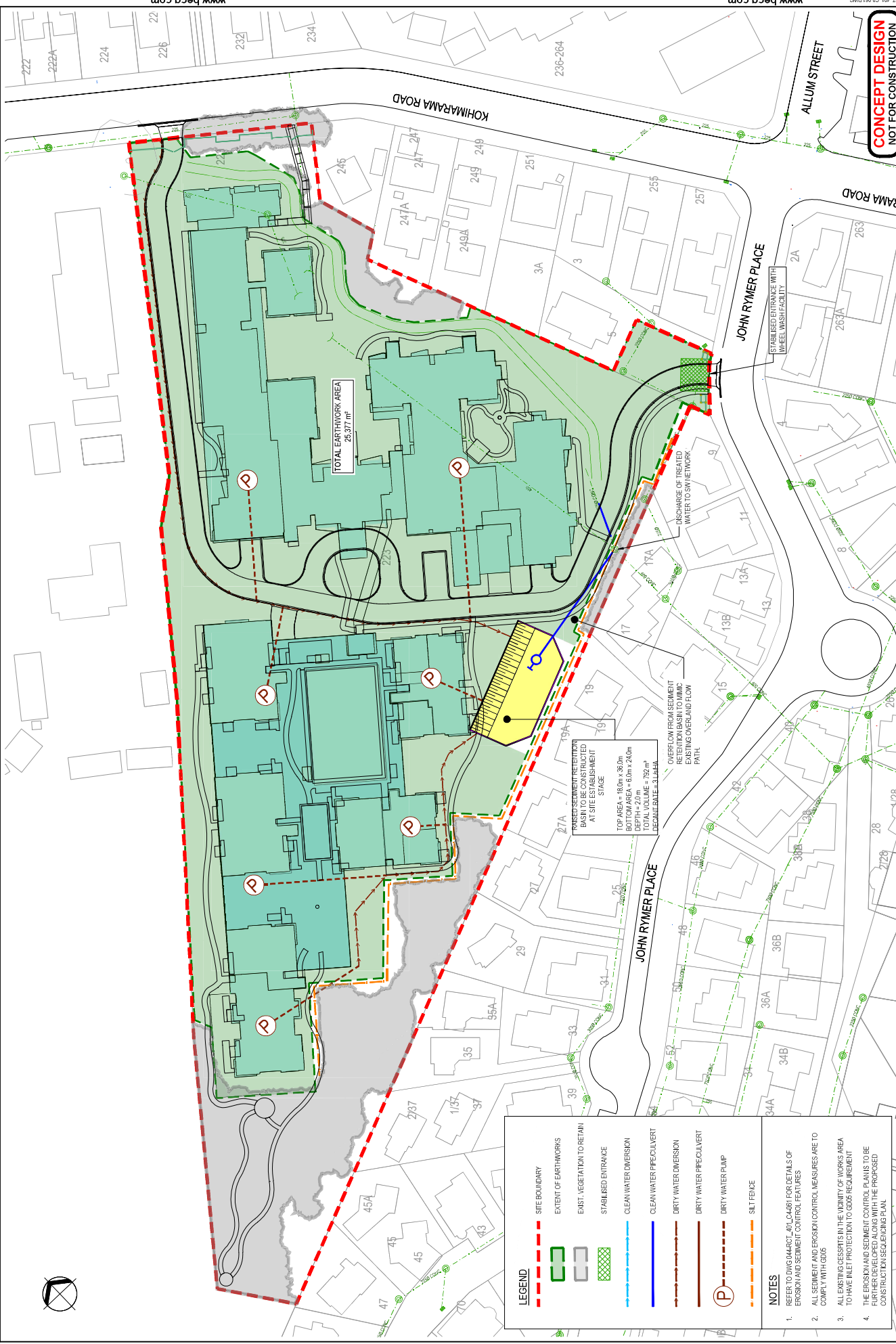
KOHIMARAMA  
RETIREMENT VILLAGE



Category	Code	Issue No.	Issue Date	Author	Checked	Date
Design	044-RC-101	001	15/02/20	AM	AM	15/02/20
Drawn	044-RC-101	001	15/02/20	SM	SM	15/02/20
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No.	Rev.	By	CHK	Appr	Date
C	CONCEPT DESIGN	AM	SM	SM	13/02/20



**LEGEND**

- SITE BOUNDARY
- EXTENT OF EARTHWORKS
- EXIST. VEGETATION TO RETAIN
- STABILISED ENTRANCE
- CLEAN WATER DIVERSION
- CLEAN WATER PRECULVERT
- DIRTY WATER DIVERSION
- DIRTY WATER PRECULVERT
- DIRTY WATER PUMP
- SILT FENCE

**NOTES**

- REFER TO DWG 044-RC-101\_C0-061 FOR DETAILS OF EROSION AND SEDIMENT CONTROL FEATURES
- ALL SEDIMENT AND EROSION CONTROL MEASURES ARE TO COMPLY WITH QD06
- ALL EXISTING CESSPIES IN THE VICINITY OF WORKS AREA TO HAVE INLET PROTECTION TO QD06 REQUIREMENT
- THE EROSION AND SEDIMENT CONTROL PLANS TO BE FURTHER DEVELOPED ALONG WITH THE PROPOSED CONSTRUCTION SEQUENCING PLAN.

RETENTION BASIN TO BE CONSTRUCTED AT SITE ESTABLISHMENT STAGE

TOP AREA = 18.0m x 36.0m  
 BOTTOM AREA = 6.0m x 24.0m  
 SURFACE AREA = 1080.0m<sup>2</sup>  
 TOTAL VOLUME = 792 m<sup>3</sup>  
 DECANT RATE = 3.1 L/S

TOTAL EARTHWORK AREA  
25,377 m<sup>2</sup>

OVERFLOW FROM SEDIMENT RETENTION BASIN TO IMITIC EXISTING OVERLAND FLOW PATH

STABILISED ENTRANCE WITH WHEEL WASH FACILITY

JOHN RYMER PLACE

JOHN RYMER PLACE

RAMA ROAD

ALLUM STREET

KOHIMARAMA ROAD

