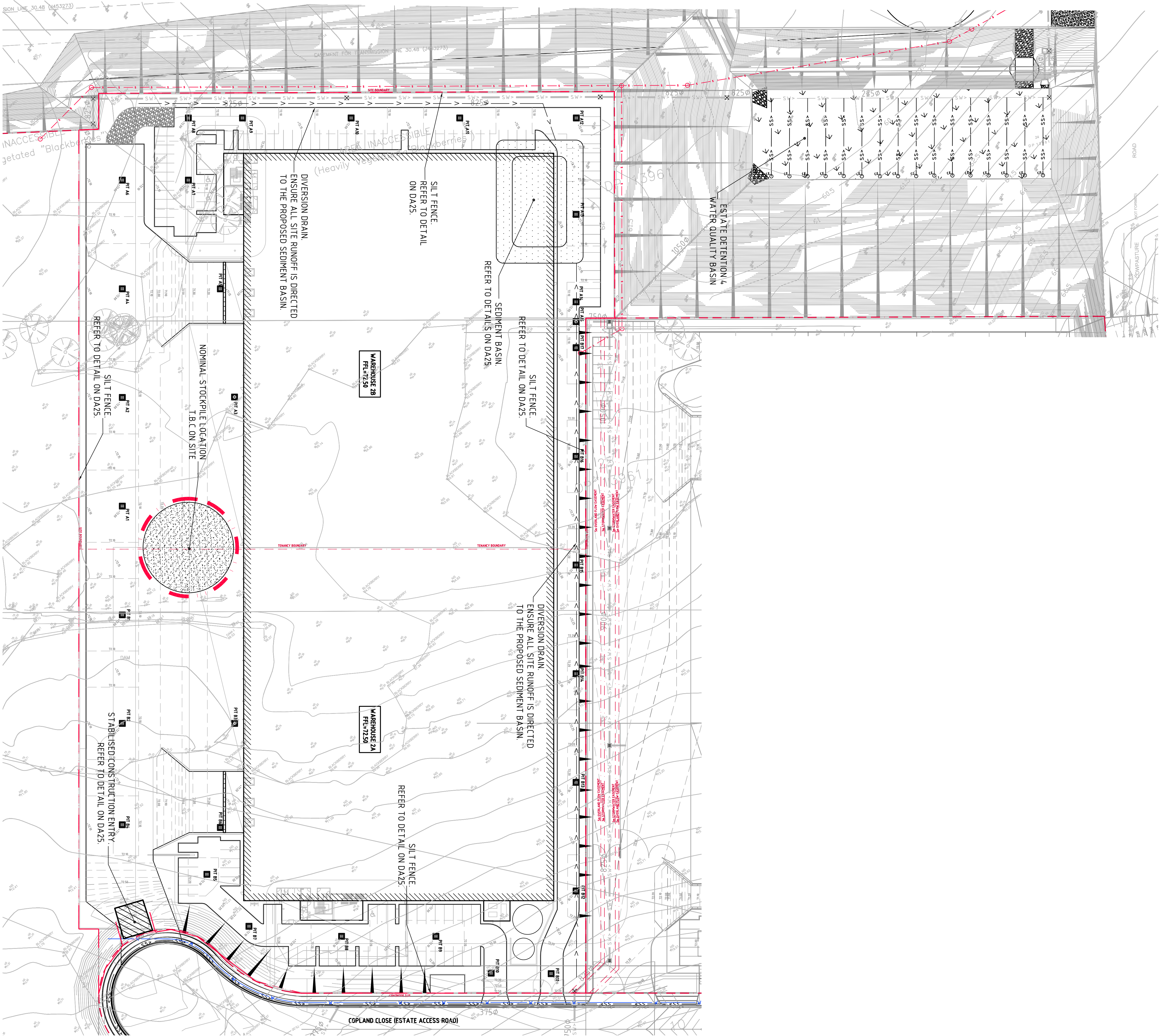




EROSION AND SEDIMENT CONTROL PLAN
SCALE 1500

EROSION AND SEDIMENT CONTROL NOTES:
REFER TO DRAWING DATA FOR EROSION AND SEDIMENT CONTROL NOTES

NOTE: ALL LEVELS ARE INDICATIVE ONLY & MAY BE SUBJECT TO MINOR VARIATIONS TO SUEIT DETAILED DESIGN



SEDIMENTATION BASIN NOTE:

FOR SEDIMENT & EROSION CONTROL DETAILS REFER TO DRAWING C0114-92-12-C25.

SEDIMENTATION BASIN SIZING BASED ON RECOMMENDATIONS OF 'SOILS AND CONSTRUCTION: MANAGING URBAN STORMWATER'-THE BLUE BOOK- CAPACITY BASED UPON 5 DAY RAINFALL DEPTH AT 85th PERCENTILE INTENSITY (32.2mm)

APPROXIMATE AREA OF DISTURBED SITE = 3.5 Ha

SEDIMENTATION BASINS TO COLLECT RUN-OFF IN EXTREME RAINFALL EVENTS IS COLLECTED RUN-OFF TO BE ASSESSED BY A QUALIFIED ENGINEER. THE BASIN SHALL BE DESIGNED TO ENSURE THAT THE BASIN IS CAPABLE OF ALLOCATING RUN-OFF TO ENSURE TO BE CLASSIFIED AND DEWATERED PRIOR TO REMOVAL FROM SITE.

EACH BASIN IS TO HAVE A MARKER PLACED AS PER THE DETAIL TO INDICATE WHEN SEDIMENT IS TO BE REMOVED. REMOVED SEDIMENT IS TO BE CLASSIFIED AND DEWATERED PRIOR TO REMOVAL FROM SITE.

ALLOWANCE TO BE MADE DURING BENCHING OF SITE TO ENSURE RUN-OFF IS DIRECTED TO SEDIMENTATION BASINS.

NOTES:

1. ASSUME TYPE D SOIL (CLAY/SILTY CLAY)
2. ASSUME GOOD D SOIL (HIGH PLASTICITY AND SHRINK/SWELL PROPERTIES)

SOIL TYPE ASSESSED FROM GEOTECHNICAL REPORT PROVIDED BY PSM TITLED PSM 1869-00990ATED 10 MAY 2012.

SEDIMENT BASIN:

CATCHMENT AREA = 3.46ha

REQUIRED BASIN VOLUME = 836m³

BASE DIMENSION (LXB) = 15.0m x 25m

TOP DIMENSION (LXB) = 24.0m x 34.0m

MAX SIDE SLOPE = 1V:3H

DEPTH = 15m

PROVIDED BASIN VOLUME = 872m³

PROJECT INFORMATION										ARCHITECT		CLIENT			
ISSUED FOR PERMIT APPLICATION										HDB.P. LOT 2		PROJECT			
ISSUED FOR DEVELOPMENT APPLICATION										C		CNR THE HOBLEY DR & COMPASTURE RD		DRAWING TITLE	
ISSUED FOR REVIEW										B		WETHERILL PARK, NSW		EROSION AND SEDIMENT CONTROL PLAN	
DATE										18.04.16		DATE		DATE	
A										ISSUE		ISSUE		ISSUE	
AMENDMENTS										DATE		AMENDMENTS		DATE	
ISSUE										DATE		ISSUE		DATE	
FRASERS PROPERTY														Costin Roe Consulting Pty Ltd.	
PRECISION										ISSUE		PRECISION		PRECISION	
COMMUNICATION										ISSUE		COMMUNICATION		COMMUNICATION	
ACCOUNTABILITY										ISSUE		ACCOUNTABILITY		ACCOUNTABILITY	
10/11/92-12-0A-20										10/11/92-12-0A-20		10/11/92-12-0A-20		10/11/92-12-0A-20	