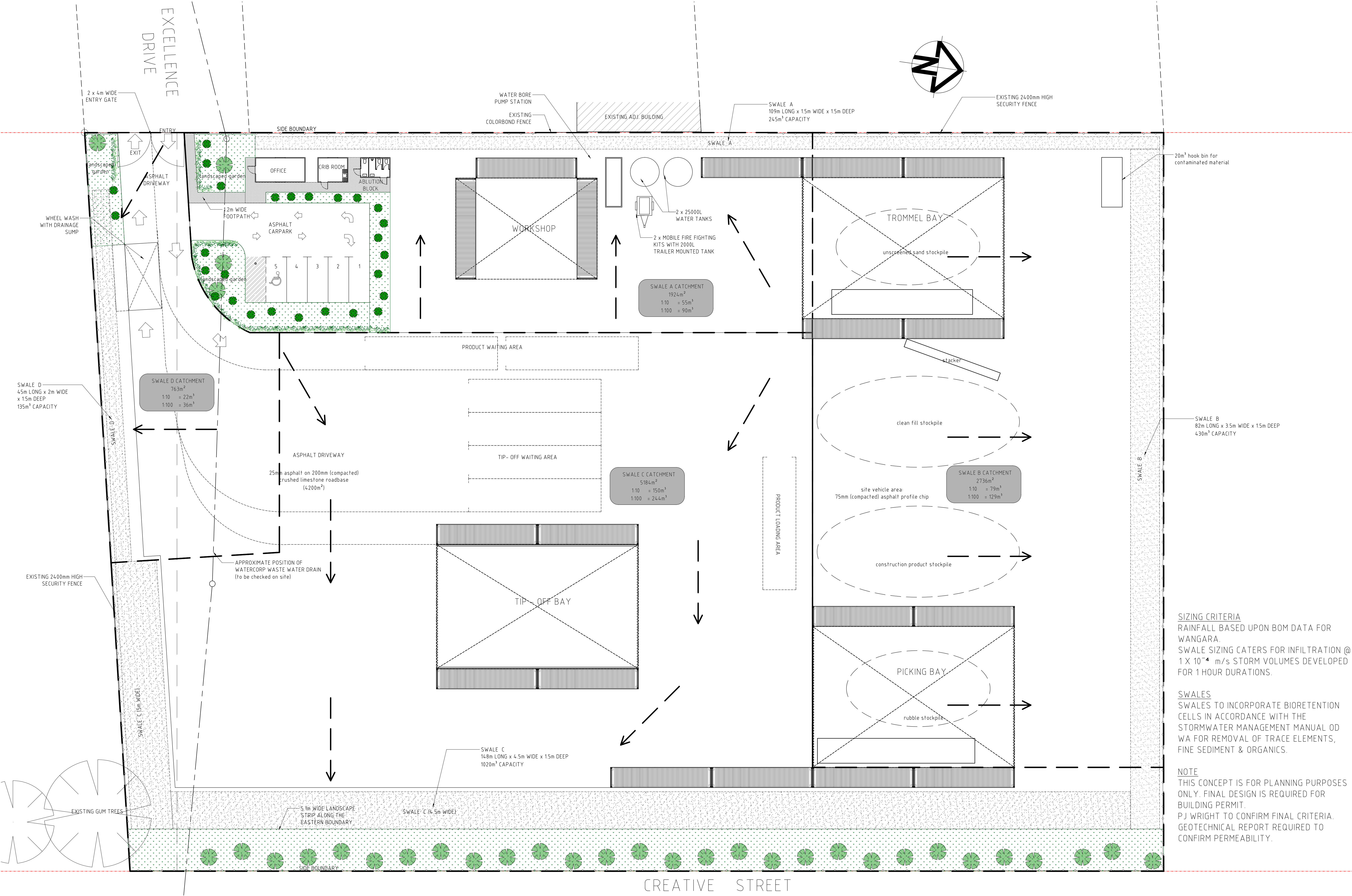
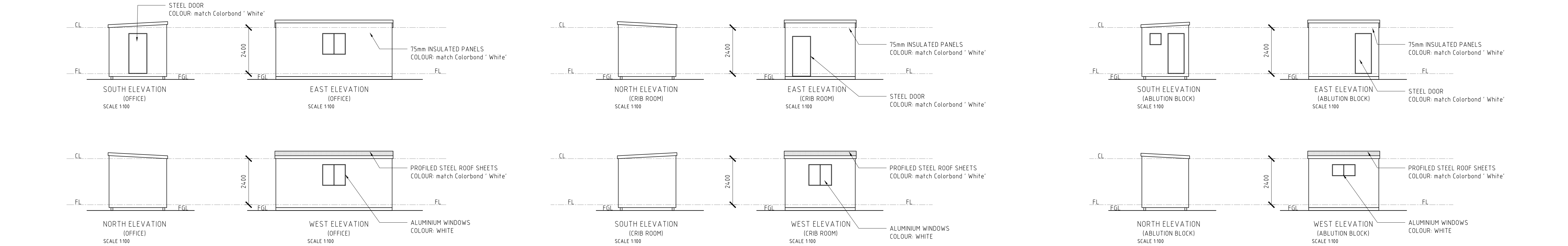
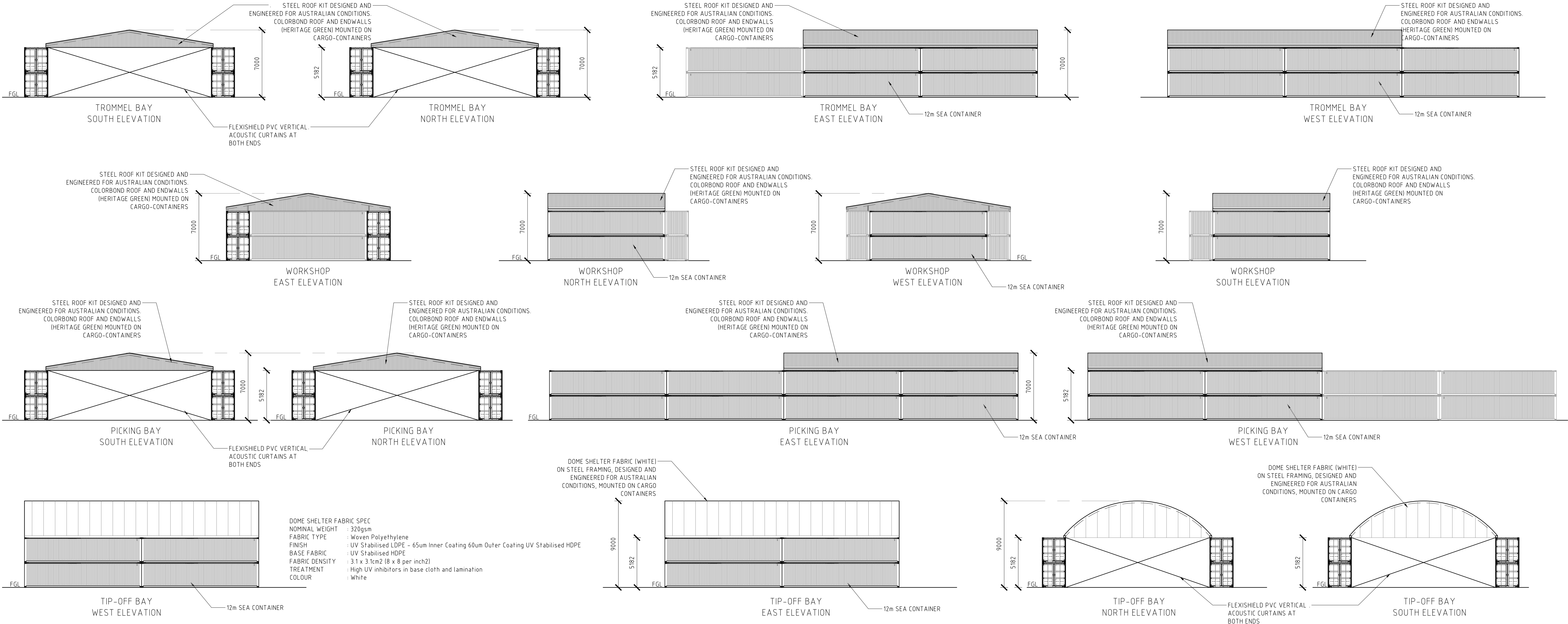


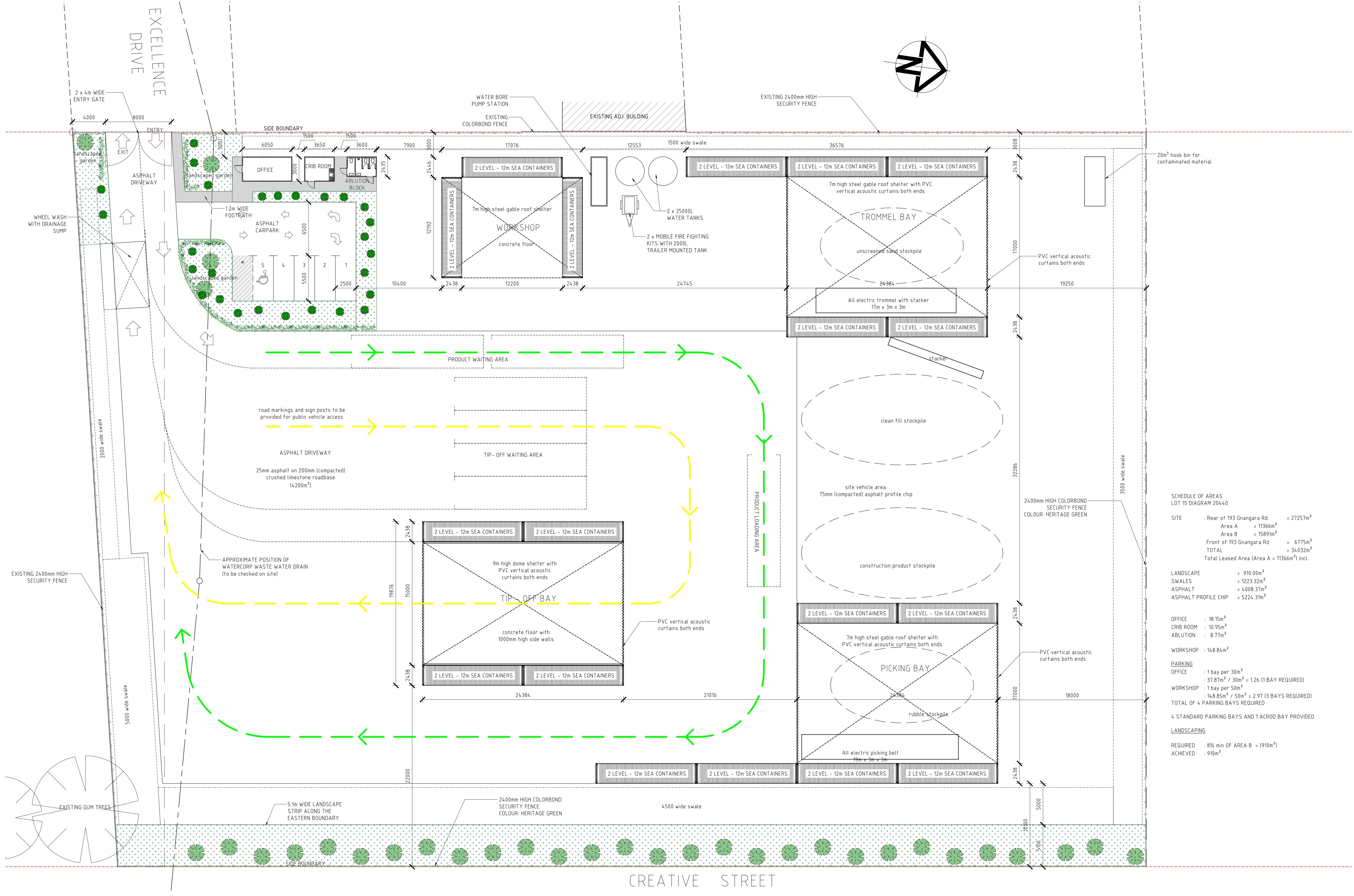


SIZING CRITERIA
RAINFALL BASED UPON BOM DATA FOR WANGARA.
SWALE SIZING CATERS FOR INFILTRATION @ 1×10^{-4} m/s STORM VOLUMES DEVELOPED FOR 1 HOUR DURATIONS.

SWALES
SWALES TO INCORPORATE BIORETENTION CELLS IN ACCORDANCE WITH THE STORMWATER MANAGEMENT MANUAL OD WA FOR REMOVAL OF TRACE ELEMENTS, FINE SEDIMENT & ORGANICS.

NOTE
THIS CONCEPT IS FOR PLANNING PURPOSES ONLY. FINAL DESIGN IS REQUIRED FOR BUILDING PERMIT.
PJ WRIGHT TO CONFIRM FINAL CRITERIA.
GEOTECHNICAL REPORT REQUIRED TO CONFIRM PERMEABILITY.





SCHEDULE OF AREAS LOT 15 DIAGRAM 20440			
SITE	: Rear of 193 Gngangara Rd.	= 27257m ²	
	Area A	= 11366m ²	
	Area B	= 15891m ²	
	Front of 193 Gngangara Rd	= 6775m ²	
TOTAL		= 34032m ²	
Total Leased Area (Area A = 11366m ²) incl.			
LANDSCAPE	= 910.00m ²		
SWALES	= 1223.32m ²		
ASPHALT	= 4008.37m ²		
ASPHALT PROFILE CHIP	= 5224.31m ²		
OFFICE	: 18.15m ²		
CRIB ROOM	: 10.95m ²		
ABLUTION	: 8.77m ²		
WORKSHOP	: 148.84m ²		
PARKING			
OFFICE	: 1 bay per 30m ²		
	: 37.87m ² / 30m ² = 1.26 (1 BAY REQUIRED)		
WORKSHOP	: 1 bay per 50m ²		
	: 148.85m ² / 50m ² = 2.97 (3 BAYS REQUIRED)		
TOTAL OF 4 PARKING BAYS REQUIRED			
4 STANDARD PARKING BAYS AND 1 ACROD BAY PROVIDED			
LANDSCAPING			
REQUIRED	: 8% min OF AREA B = (910m ²)		
ACHIEVED	: 910m ²		