

DESIGN ENGINEER'S CHECKLIST #D1 –REQUEST FOR FUNCTIONAL LAYOUT APPROVAL

DEVELOPMENT TITLE		STAGE	
PLANNING PERMIT NUMBER		CONSULTANT'S REFERENCE	
DEVELOPER'S REPRESENTATIVE		NUMBER OF PLANS IN SET	

CHECKLIST #D1		
ITEM	Y / N / NA OR COMMENT	DESIGNER'S INITIALS
<u>General</u>		
Is the design is in accordance with the planning permit conditions and the endorsed plan?		
Do other planning permits affect this development? (if yes, list permit numbers)		
Is the design in accordance with the Development Plan?		
Is the functional design is in accordance with Council's Infrastructure Design Manual?		
Has consultation taken place with all relevant authorities? If yes, list the authorities below.(attach separate list if necessary).		
Has consultation has taken place with all relevant landowners and affected persons? List those consulted below (attach separate list if necessary).		
Has the Design Engineer has inspected the site?		
Has a detailed field survey has been undertaken of the site?		
Has the environmental values of the site have been identified?		
Has protection of native vegetation and habitat been considered and is it reflected in lot layout and overall design?		
Has revegetation requirements been considered and documented?		

CHECKLIST #D1		
ITEM	Y / N / NA OR COMMENT	DESIGNER'S INITIALS
Has protection of water bodies and waterways been considered?		
Have service location plans been obtained for ALL services?		
Do the plans clearly show allotment layout, with allotments numbered and dimensioned, reserves clearly identified and proposed easements shown?		
<u>Road Layout Plans</u>		
Are street names are nominated?		
Do plans show road hierarchy?		
Are estimated traffic volumes shown on plans (for each stage of any staged developments).		
Have road widths between inverts of kerbs are nominated?		
Are road reserve widths clearly nominated on plans?		
Are kerb profiles are nominated?		
Have public transport, including DOT, requirements been reflected in the road widths?		
Has local area traffic management been considered and reflected in proposed designs?		
Intersections internal to the development are shown in sufficient detail to support proposed design, including proposed kerb radii.		
Are intersections external to the development shown in sufficient detail to support proposed design?		
Are critical vehicle turning movements shown on separate plans, including turning at intersections and cul-de-sacs?		
Do plans show traffic implications of staged development if relevant?		
<u>Carpark Layout Plans</u>		
Do carpark layout plan show on-street, off-street and disabled parking as required?		
<u>Drainage Layout Plans</u>		
Has the total catchment area has been identified and shown?		
Do the plans show Natural Surface Contour Lines to AHD?		

CHECKLIST #D1		
ITEM	Y / N / NA OR COMMENT	DESIGNER'S INITIALS
Are 100 year ARI flood levels identified on plans?		
Do plans show approximate Design Contour Lines to AHD?		
Are proposed sub-catchment boundaries shown on drainage layout plan?		
Do plans show the co-efficient of runoff for each sub-catchment?		
Do plans shown layout and approximate sizes of the proposed drainage systems?		
Are pipe materials nominated?		
Has the overland flow path/s been nominated and approximate depth of flow shown?		
Is the drainage discharge point shown?		
Is the proposed treatment shown in sufficient detail to support approval of the functional layout?		
Are existing drainage services confirmed on plans and proposed connection points shown?		
If relevant, do plans show drainage implications of staged development?		
<u>Associated Documents</u>		
Has a Traffic Management Report been prepared and does it accompany this submission?		
Has any deviations between the proposed design and the recommendations within the Traffic Management Report been noted on the plan?		
Has the need for Developer contributions or headworks charges been identified and a preliminary cost-sharing proposal to Council for early consideration been supplied?		

The plans provided with this submission for approval of functional layout have been prepared in accordance with the relevant sections of the Council's Manual. All of the above checklist items have been initialled as correct and complete, or marked N/A (not applicable) as appropriate.

Signed _____

Dated _____