Checklist for Development Engineering Plan Approval

MORNINGTON PENINSULA Shire

OFFICE USE ONLY	
Eng. No.	Date Received .....

The checklist must be fully completed and submitted with the plans for approval.

Planning Permit Number _____

Property Address _____

In submitting these engineering designs, you confirm the following:

1. All existing features shown on the submitted plans are true and correct.
2. You have made your own enquires as to the existence of various features shown on the plans, including onsite inspections, and have made no assumptions based on information supplied by third parties including the Mornington Peninsula Shire.
3. Mornington Peninsula Shire is not responsible for any omissions, ambiguity or errors shown on these plans.
4. Mornington Peninsula Shire's approval of these engineering plans constitutes acceptance of the proposed works being to the satisfaction of the Mornington Peninsula Shire as the Responsible Authority, and not confirmation of existing features shown on these plans.

Consulting Engineer Name: _____

Professional Engineers Registration Number: _____

Signature: _____

Tel: _____ **Email:** _____

	Item	***Complete / Response***
1	GENERAL	
1.1	Has a planning permit been issued? (Engineering designs will not be approved until the planning permit is issued).	Y / N
1.2	Are there endorsed plans?	Y / N
1.2b	Date of endorsement	

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1.3	Do the construction plans match and comply with the endorsed plans?	Y / N
1.4	Do construction plans comply with the Planning Permit conditions?	Y / N
2	PLAN NOTES The following notes shall be included on the drawings.	
2.1	A notation: “All works to be carried out in accordance with the current Mornington Peninsula Shire specifications and standard drawings and to the satisfaction of the Construction and Asset Protection Team”.	
2.2	Where a Construction Management Plan is required as a condition of the Planning Permit, the following notation shall be included on the plans - “A Construction Management Plan (CMP) must be submitted to, and approved by Council 15 business days prior to the commencement of any works on site and all works must be carried out in accordance with this CMP”.	
2.3	Do construction plans nominate the Consulting Engineer to be contacted should there be any discrepancies on the drawings?	Y / N
3	VEHICLE CROSSINGS AND DRIVEWAYS	
3.1	Are drainage grates and drainage pipes provided to garage entrances where reverse fall exists?	Y / N
3.2	Are sufficient levels and cross sections provided to ensure driveways are adequately shaped and graded to direct surface water flows?	Y / N
3.3	Are driveways and vehicles crossings graded for access in accordance with AS2890.1 & MP307?	Y / N
3.4	Is the driveway layout adequate for required vehicle turning movements in accordance with AS2890.1?	Y / N
3.5	Is concrete pavement thickness and reinforcement shown in accordance with Shire Standard Drawing MP303?	Y / N
3.6	Are vehicle crossings in accordance with Shire Standard Drawings MP301, MP302 or MP303?	Y / N
3.7	Is reinstatement of redundant vehicle crossings and kerb layback/s in accordance with relevant MPS standard drawing?	Y / N
4	DRAINAGE	
4.1	Are drainage computations provided and approved by a qualified engineer?	Y / N
4.2	What return periods have been used for storage?	
4.3	Are site-specific calculations of runoff coefficients in accordance with Australian Rainfall and Runoff?	Y / N
4.4	Are design rainfall intensity values in accordance with Bureau of Meteorology values for the development location?	Y / N

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4.5	Does the design cater for all external catchments?	Y / N
4.6	Do drainage computations show pipes to be of sufficient capacity?	Y / N
4.7	Have hydraulic grade lines been shown where necessary?	Y / N
4.8	Does the proposed drainage discharge into the existing underground system?	Y / N
4.9	Has the location and invert level of existing stormwater drainage pit or pipe been confirmed on site and shown on plans?	Y / N
4.9b	Confirmation method	
4.10	Are external drainage works required?	Y / N
4.11	Is outfall drainage available? If so, is consent required from: 1. Affected Landowners? 2. Melbourne Water?	Y / N Y / N
4.12	Where any drainage discharges through another property: 1. Does an easement exist? 2. Has written permission been obtained from adjoining owners to enter & carry out works?	Y / N Y / N
4.13	Are all concrete pipes minimum Class 3 Rubber Ring Joint Reinforced Concrete Pipe?	Y / N
4.14	Are all UPVC pipes Sewer Class?	Y / N
4.15	Are pit lids for all drainage pits in accordance with MPS Standard Drawing MP232 or MP236?	Y / N
4.16	Are all grates for drainage pits in accordance with MPS Standard Drawings MP220 and MP238?	Y / N
4.17	Is a storm water pit schedule with the appropriate pit types and correct sizes shown on the drawings?	Y / N
4.18	Are drainage pipes under road pavements to be backfilled in accordance with MP601?	Y / N
4.19	Have all services been identified, located and shown on the construction plans? (Dial Before You Dig 1100)	Y / N
5	DRAINAGE DETENTION	
5.1	Is drainage detention required as a condition of the Planning Permit?	Y / N
5.2	Has critical storm duration been identified for detention volume calculations?	Y / N

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5.3	Are levels at ends of in-ground detention storage adequate to detain required volumes?	Y / N
5.4	Are orifice pits in accordance with MPS Standard drawing MP244-1 and MP244-2?	Y / N
6	**WATER SENSITIVE URBAN DESIGN**	
6.1	Is water sensitive urban design required as a condition of the Planning Permit?	Y / N
6.2	Has water sensitive urban design been provided?	Y / N / NA
7	**ON-SITE SOAKAGE PITS**	
7.1	Has a percolation test report for on-site soakage pits been provided by a qualified engineer or geotechnical consultant?	Y / N / NA
7.2	Is the design of soakage pits in accordance with percolation test report requirements by a qualified engineer?	Y / N / NA