Safety in Design - Wastewater & Water Design Checklist

Suburb / Stage		Field Investigation by			
Drawing Number		Drawn By			
Docket Number		Date			
NOTE: Below is a list of factors to be considered when designing water and wastewater extensions of main. It is not a definitive list and there may be other factors which influence the design. If this is the case these should be listed in Section 6 of this form.					
4	Conough	YES NO	N/A	COMMENTS	
1.	General Has System Planning provided a report for development?				
	Are there existing easements that can be utilized?				
	Are external easements required?				
	Are there natural features (eg creeks) to be negotiated?				
	Are there any obstructions to be negotiated?				
	Are exist/proposed levels or contours provided?				
	Will constructors have easy access to site?				
	Is this a high traffic area?				
	Is this a DTEI road?				
	Are main sizes appropriate for zoning classification?				
	Are there existing/new internal drains to connect?				
	Has every lot been serviced by the design?				
	Have existing SAW services been located/noted?				
	Has "Dial Before You Dig" information been received?				
2.	Major Water Is maximum number of shutdown valves maintained?				
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	Is maximum distance between valves maintained? Are the correct valves placed at shape in main size?		믐		
	Are the correct valves placed at change in main size?		片		
	Is approach water main required/ sized correctly? Has the number of dead ends been limited?	片는	H		
	has the number of dead ends been limited?				
3.	Major Wastewater Is proposed "Link up" point acheivable?				
	Are water seals required for connection to trunk sewer?				
	Is approach sewer required/ sized correctly?				
	Is maximum distance between structures maintained?				
	Are minimum jump ups acheived where required?				
	Are minimum or better grades acheived?				
	Is portion of area not serviced?				
	Is Pumping Station site required/provided?				
	Are tankering MH/farms required in short term?				
	Is main depth un-necessarily excessive?				

Docket Number		Continued from sheet 1	
4.	Minor Water Are existing/proposed driveways avoided (if known)? Is new service sized correctly for future lot development? Has "Summary of Works" been completed? Have services of other utilities been sited and risk assessed? Has Title Block been completed?		
5.	Minor Wastewater Is level taken from existing drain to be re-connected? Is there area not served or fill required? Is new conn sized correctly for future lot development? Are minimum jump ups acheived where required? Are minimum or better grades acheived? Is main depth un-necessarily excessive? Has "Summary of Works" been completed? Have services of other utilities been sited and risk assessed? Has Title Block been completed? Additional Considerations		
Ū.	Auditional Considerations		