

Project name	
Work zone	
Number	

Rev #	Author	Reviewer	Date
0	Mike Sparrow		


COMPLIANCE AND TEST STANDARDS		
#	Name	Applicable
1	NZS 3109:1997 incl amendments 1 and 2 Concrete Construction Workmanship and dimensional control	YES
2	AS/NZS 4671:2001 Steel reinforcing materials	YES
3	NZS 3114:1987 Specification for concrete surface finishes	YES
4	NZS 3104:2003 Specification for concrete production – High grade and special grade	YES
5	NZS 3112.1:1986 Part 1 Tests relating to fresh concrete	YES
6	NZS 3112.2:1986 Part 2 Tests relating to the determination of strength of concrete	YES

SPECIFYING DOCUMENTS		
#	Name	Provide
1	Construction drawings and specification	Dimensions
		Structural arrangement
		Reinforcing grades
		Finishes
		Concrete grades
2	Product manufacturer	Membrane installation

QUALITY ASSURANCE DOCUMENT		
#	Document type	Provided
1	Steel mill certificates	
2	Concrete mix design	
3	Concrete delivery docket	
4	Concrete test results	
5	Concrete permit	
6	Non compliance and corrective action report	

APPROVALS		
#	Document type	Provided
1	PS4	
2	Email	
3	Site report	

INSPECTION AND TEST PLAN – STRUCTURAL CONCRETE

TIMING	QUALITY ASSURANCE ACTIVITY	COMPLIANCE OR TEST STANDARD	REQUIRED YES/NO	QA Doc	WHO CARRIES OUT QUALITY ASSURANCE ACTIVITY (TRANSMITTAL VIA SCL)	WHO APPROVES QUALITY ASSURANCE ACTIVITY	SPECIFYING DOCUMENT	APPROVAL DOCUMENT	PERMITTED CONSTRUCTION TASK ONCE APPROVALS RECEIVED
									
Prior to ordering reinforcing	Provide steel mill certificates	2	YES	1	Reinforcing supplier	Engineer to contract	1	2	Order reinforcing
Prior to assembling formwork	Inspect/nominate type of formwork to ensure specified finishes achieved	3	YES		SCL	SCL	1	n/a	Assemble formwork
Before pouring concrete	Submit concrete mix design	4	YES	2	Concrete supplier	Engineer to contract	1	2	Cast concrete
	Prepour structural inspection	1	YES		Engineer to contract	Engineer to contract	1	2 or 3	
	Prepour membrane (and construction) inspection		YES		Council	Council	1, 2	3	
	Prepour dimensional inspection	1	YES		SCL	SCL		n/a	
While pouring concrete	Slump tests	5	YES		SCL	SCL	1	n/a	
	Test cubes	6	YES		Concrete supplier	SCL	1	n/a	
	Surveillance of concrete placing and vibrating		YES		Engineer to contract	Not applicable	1	n/a	
After pouring concrete	Surveillance of concrete curing		YES		Engineer to contract	Not applicable	1	n/a	Corrective actions (if any)
	Inspection of finishes	3	YES		Engineer to contract		1	2 or 3	
	Concrete test results	6	YES	4	Concrete supplier	Engineer to contract	1	1, 2 or 3	
	Non compliance and corrective action reports (if any)		YES	6	SCL	Engineer to contract	n/a	2	
After corrective actions (if any)	Submit quality assurance documentation		YES		SCL	Engineer to contract	1	1	