

SUBMISSION DOCUMENT CHECK-LIST		STRUCTURAL	DESIGN	SD-SD
PID			Submitted by	Received by
Project		Name		
Developer		Designation		
Date		Contact No.		
(Note: To be completed by designer / responsible personnel.)		Signature		
Main Subject	Particular		Checked	Remark
SD1 Design Report	SD1.1 Structural System	SD1.1.1 Code of Practice and Design Reference, Specification		
		SD1.1.2 Basic Structural System		
		SD1.1.3 Material Properties		
	SD1.2 Super Structure Design	SD1.2.1 Stability Checks: Base Shear Calculation		
		SD1.2.2 Stability Checks: Drift Limit		
		SD1.2.3 Stability Checks: Modal Participation Mass Ratio		
		SD1.2.4 Stability Checks: Soft Storey		
		SD1.2.5 Stability Checks: P-Δ Effect		
		SD1.2.6 Stability Checks: Overturning		
		SD1.2.7 Stability Checks: Torsional Irregularity		
		SD1.2.8 Stability Checks: Sliding		
		SD1.2.9 Analysis Results		
		SD1.2.10 Structural Design Results		
	SD1.3 Foundation Design	SD1.3.1 Pile Capacity Calculation		
		SD1.3.2 Settlement Calculation		
		SD1.3.3 Foundation Design: Pile, Pile Cap and Mat		
		SD1.3.4 Geotechnical Report and Bore Hole Profile and Location		
		SD1.3.5 Pile Load Test Report		
SD1.3.6 Liquefaction Analysis Result				
SD2 Design Drawing	SD2.1 Foundation Drawing	SD2.1.1 List of Drawings		
		SD2.1.2 Standard Drawings, General Notes and Specifications		
		SD2.1.3 Site Location Plan with Adjacent Building and Bore Holes		
		SD2.1.4 Foundation Plans		
		SD2.1.5 Structural Detail Drawings [beams, columns, slabs, shear walls and retaining walls (up to another level)]		
		SD2.1.6 Basement Floor Plan (if any Basement included)		
		SD2.1.7 Stair Detail (for one level higher)		
		SD2.1.8 Pile, Pile Cap and Mat Details		

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SD2 Design Drawing	SD2.2 Super Structure Drawing	SD2.2.1 List of Drawings		
		SD2.2.2 Standard Drawings, General Notes and Specifications		
		SD2.2.3 Structural Plans (beams, columns, slabs, walls)		
		SD2.2.4 Structural Sections		
		SD2.2.5 Structural Member (beams,columns,slab) Details [Typical]		
		SD2.2.6 Stairs Details [Typical]		
		SD2.2.7 Beam Schedules		
		SD2.2.8 Column Schedules		
		SD2.2.9 Shear Wall Details [Typical]		
		SD2.2.10 Shear Wall Schedules		
SD3 Submission Set	SD3.1 Signatures	SD3.1.1 Local Design: Signature of Professional Engineer (Structure, Construction) & (Geotechnical for more than one Basement)		
		SD3.1.2 Foreign Design: Signature of Registered Foreign Professional Engineer (Structure & Geotechnical)		
		SD3.1.3 Foreign Design: Signature of National Counter Part (PE)		
	SD3.2 Document Sets	SD3.2.1 CD for Design Drawing , Calculation and Report - 2 sets		
		SD3.2.2 Design Report - 5 sets(Manual) / 2 sets(YBPS)		
		SD3.2.3 Design Calculation - 5 sets(Manual) / 2 sets(YBPS)		
		SD3.2.4 Design Drawings - 5 sets(Manual) / 2 sets(YBPS)		