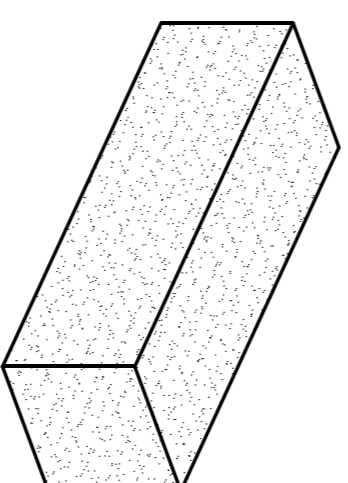
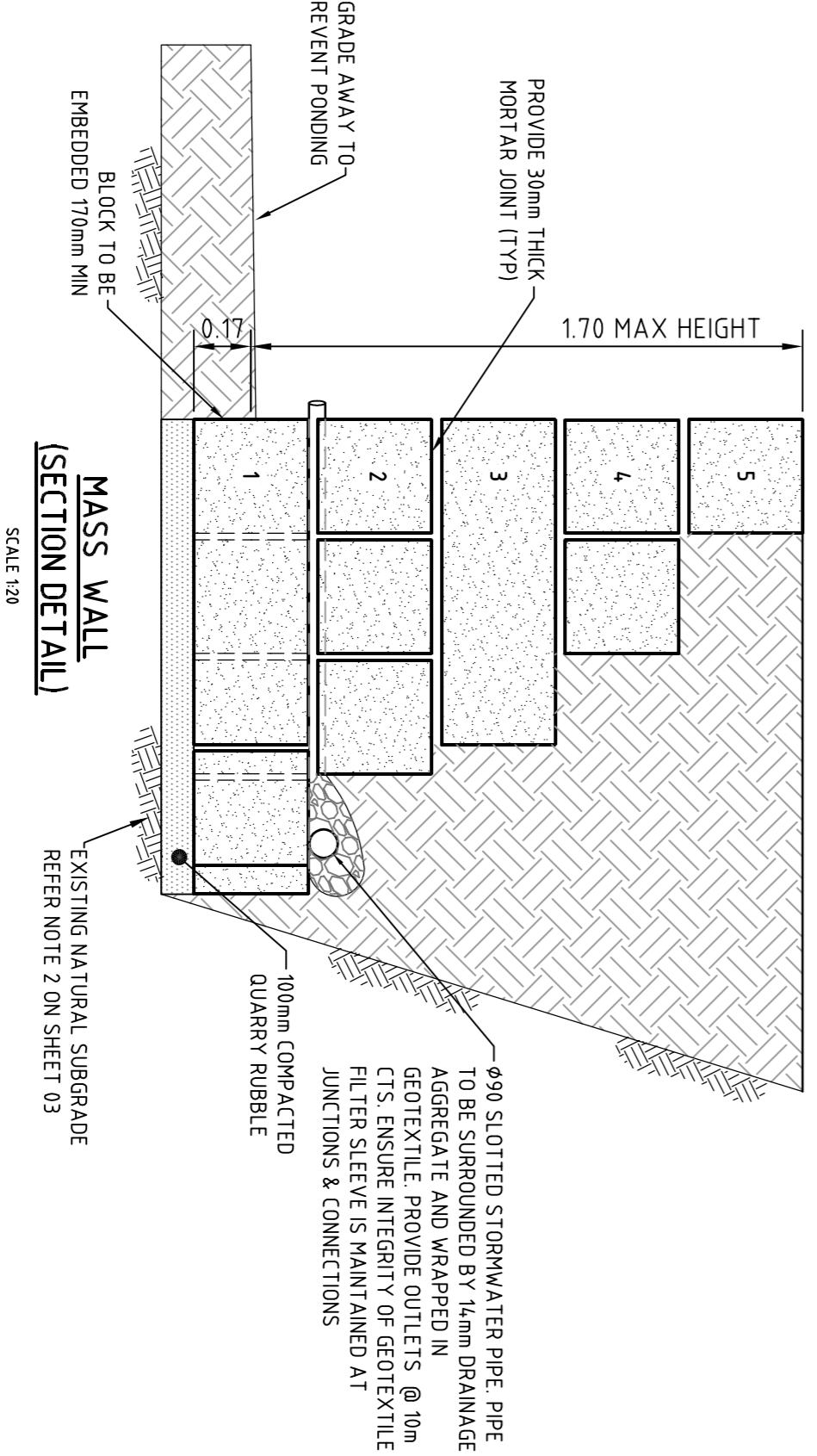
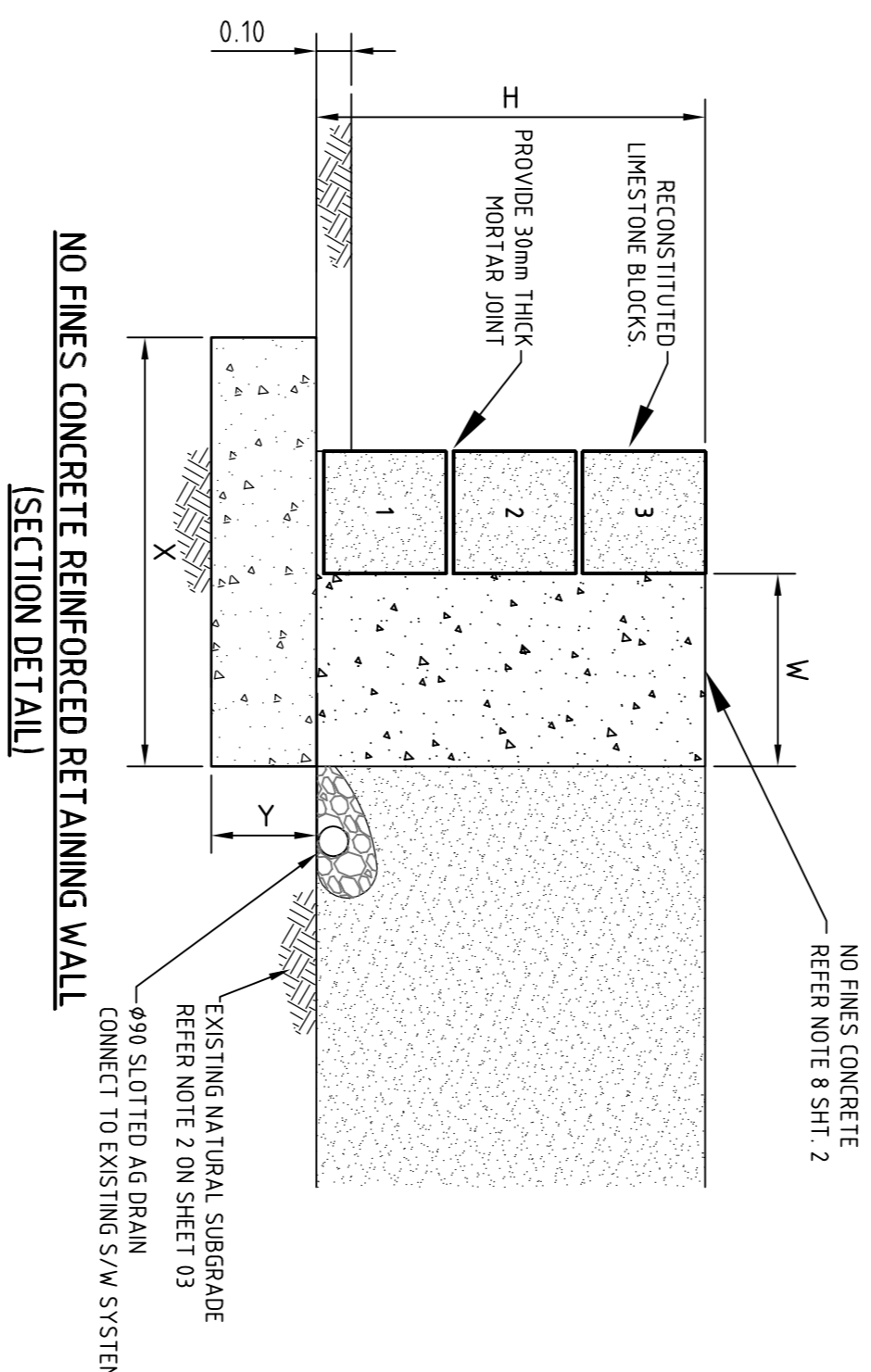
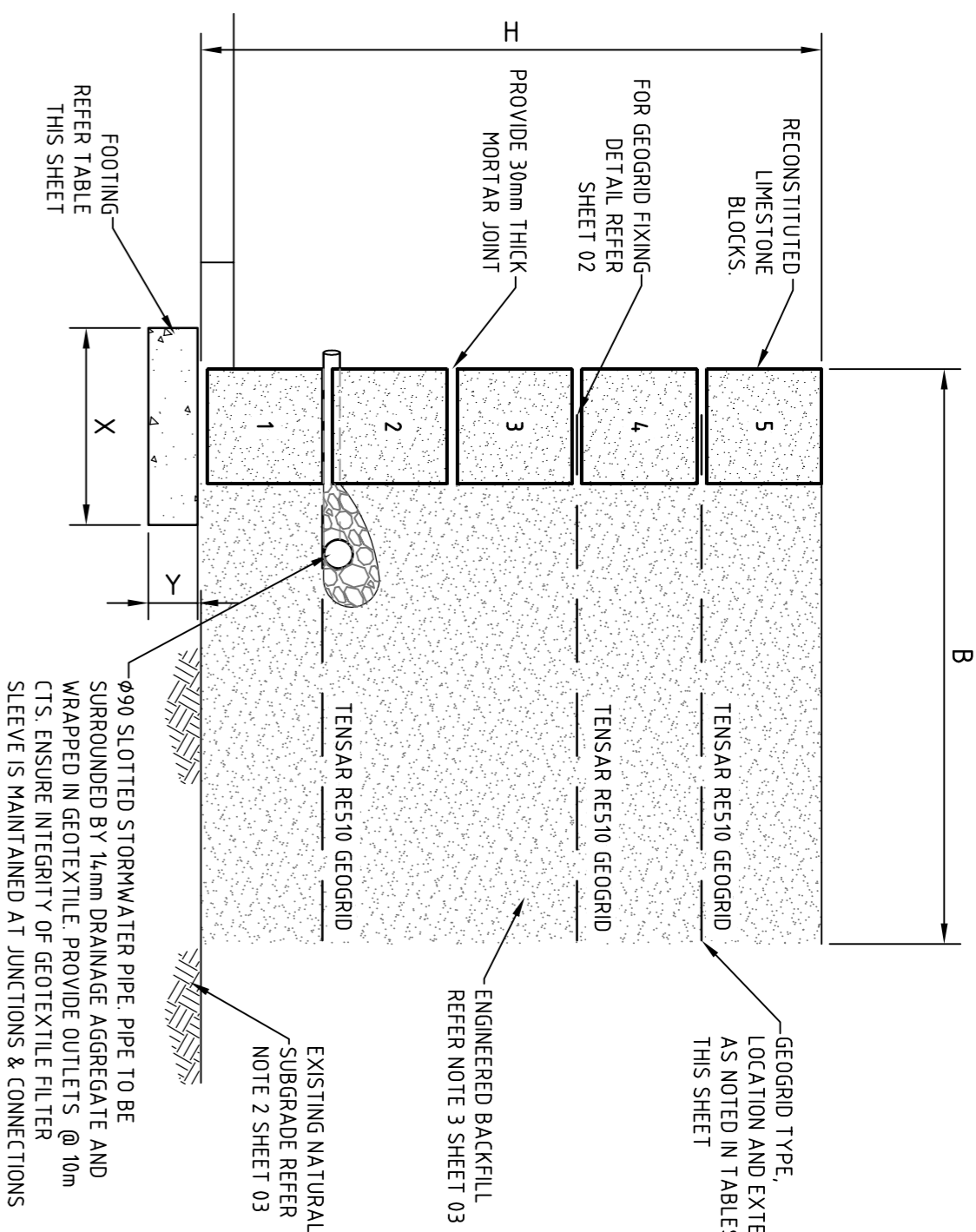


REV	ISSUED FOR PRODUCT INFORMATION ONLY	AMENDMENT / REASON FOR ISSUE	DATE	DES	DWN	DWGCHK	VERIFIED	APPROVED
1			28/11/12	PC	SDL	DM		



STANDARD BLOCK SIZE
 350(W)x350(H)x100(D)
 SCALE 1:20

NOTE:
 BLOCKS TO BE 350(W)x350(H)x100(D)
 RECONSTITUTED LIMESTONE
 APPROXIMATE WEIGHT 220kg



GOOD SOIL $\phi = 35^\circ$

WEAK WEATHERED ROCK, CONTROLLED FILLS OF ROADBASE, GRAVEL AND RECYCLED CONCRETE

Surcharge	Courses	Maximum Height (H)	Geogrid Reinforced Soil Zone (B)	Geogrid above Course				No Fines Concrete Reinforced Zone Alternative (W)	Footing Width X (mm) x Depth Y (mm)
				1	2	3	4		
2 SKPa	2	600	1.0	RE510				0.2	600x100
	3	950	1.2	RE510	RE510			0.5	600x100
	4	1350	1.4	RE510	RE510	RE510		N/A *	600x150
	5	1700	1.6	RE510	RE510	RE510	RE510	N/A *	600x150
	2	600	1.1	RE510				0.3	600x100
SKPa	3	950	1.3	RE510	RE510			0.6	600x100
	4	1350	1.6	RE560	RE560	RE560		N/A *	600x150
	5	1700	1.8	RE510	RE510	RE510	RE510	N/A *	600x150

AVERAGE SOIL $\phi = 30^\circ$

GRAVELLY SANDS, COMPACTED SANDS, CONTROLLED CRUSHED SANDSTONE AND GRAVEL FILLS, DENSE WELL GRADED SANDS

Surcharge	Courses	Maximum Height (H)	Geogrid Reinforced Soil Zone (B)	Geogrid above Course				No Fines Concrete Reinforced Zone Alternative (W)	Footing Width X (mm) x Depth Y (mm)
				1	2	3	4		
2 SKPa	2	600	1.1	RE510				0.3	600x300
	3	950	1.3	RE510	RE510			0.5	600x300
	4	1350	1.5	RE520	RE520			N/A *	600x350 4no. N12 top & bottom W8 stirrups @ 1m CTS
	5	1700	1.7	RE510	RE510	RE510		N/A *	600x350 4no. N12 top & bottom W8 stirrups @ 1m CTS
	2	600	1.2	RE510				0.5	600x300
SKPa	3	950	1.3	RE510	RE510			0.7	600x300
	4	1350	1.6	RE510	RE510	RE510		N/A *	600x350 4no. N12 top & bottom W8 stirrups @ 1m CTS
	5	1700	1.8	RE510	RE510	RE510	RE510	N/A *	600x350 4no. N12 top & bottom W8 stirrups @ 1m CTS

POOR SOIL $\phi = 25^\circ$

STIFF SANDY CLAYS, GRAVELLY CLAYS, COMPACT CLAYEY SANDS AND SANDY SILTS, COMPACTED CLAY FILL

Surcharge	Courses	Maximum Height (H)	Geogrid Reinforced Soil Zone (B)	Geogrid above Course				No Fines Concrete Reinforced Zone Alternative (W)	Footing Width X (mm) x Depth Y (mm)
				1	2	3	4		
2 SKPa	2	600	1.8	RE510				N/A *	600x300
	3	950	2.3	RE510	RE510			N/A *	600x300
	4	1350	3	RE510	RE510	RE510		N/A *	800x450 5no. N12 top & bottom W8 stirrups @ 1m CTS
	5	1700	3.4	RE510	RE510	RE510	RE510	N/A *	800x450 5no. N12 top & bottom W8 stirrups @ 1m CTS
	2	600	2.0	RE510				N/A *	600x300
SKPa	3	950	2.5	RE510	RE510			N/A *	800x450 5no. N12 top & bottom W8 stirrups @ 1m CTS
	4	1350	3.2	RE510	RE510	RE510		N/A *	800x450 5no. N12 top & bottom W8 stirrups @ 1m CTS
	5	1700	3.9	RE510	RE510	RE510	RE510	N/A *	800x450 5no. N12 top & bottom W8 stirrups @ 1m CTS

* NO FINES CONCRETE ALTERNATIVE NOT AVAILABLE FOR THIS WALL HEIGHT
 ** BLANK DENOTES NO GEOGRID REQUIRED ABOVE COURSE