

TYPICAL SLEEPER RETAINING WALL DETAIL

	<u>X</u>	PI
- RETAINED SIDE		
	30 1 1	

SECTION VIEW

40

30mm COVER TO BAR

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		SPE	CIFICAT
		1.	SLEEF SLEEF COMP
REINFORCEMENT TYPES		2.	THESE SUITA SATIS
	ITHER: 2/N12, 3N10, 2/12mm GFRP (60GPa) DR ALSO 2/N10 USING 60MPa CONCRETE	-	THE W

ASSUMED S PROPERTI	
SOIL DENSITY (kN/m^3)	18
Ка	0.35
INTERNAL FRICTION ANGLE	30 DEGREE

-	IYPE A	EITHER: 2/N12, 3N10, 2/12mm GFRP (60GP OR ALSO 2/N10 USING 60MPa CONCRETE
	ТҮРЕ В	EITHER: 2/N10, 2/10mm GFRP (60GPa)

SLEEPER SIZE = 1190m LONG X 200mm DEEP							
WALL TYPE	THICKNESS (t)	REINFORCEMENT	SOIL RETAINED (H) 5KPa	SOIL RETAINED (H) 10KPa			
1190-77-A	77mm	TYPE A	4.4m	4.0m			
1190-100-A 100mm		TYPE A	6.0m	5.6m			
1190-120-A 120mm		TYPE A	7.5m	7.0m			
1190-77-B	77mm	TYPE B	4.0m	3.6m			
1190-100-B	100mm	TYPE B	5.6m	5.0m			
1190-120-B	120mm	TYPE B	7.0m	6.5m			

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CONCRETE SLEEPER RETAINING WALL (1190 LONG)

FOR PROJECT: CONSTRUCTION CONCRETE SLEEPER DESIGN

		1190					ť	
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		PLAN VIEV	N				10	
					∕— REIN	IFORCE	MENT NOT	-
						TRAL. F		
		ELEVATION	<u>view</u>					
	SPECIF	ICATIONS:						
	s	LEEPER CONCRE LEEPER REQUIRE COMPACTION IN A	ES RIGI	D FOI	RMWORK AND	o co		
	s	HESE SLEEPER V SUITABLE FOR USI SATISFY THE FOLL	E WITH	RETA	AINING WALLS			
a)	L L	HE WALL IS NOT S OADS, THE SURC CALCULATION IS 5	HARGE	LOA	DS THAT INCL			THIS
	Ĺ	HE FINAL SURFAC EVEL OR ONLY SI 0 HORIZONTAL)			=			IN
)	- THE WALLS BACKFILL IS FREE DRAINING CONSISTING C SAND &/OR GRAVEL						OF	
_	- ALL SUB-SURFACE WATER IS DRAINED BY MEANS OF AN AGRICULTURAL DRAIN, OR OTHER SUITABLE METHOD.							
	- SLEEPERS ARE HANDLED WITH DUE CARE DURING TRANSPORTATION AND ERECTION							
_	- SLEEPER MINIMUM END BEARING LENGTH SHALL NOT BE LESS THAN 25mm EACH END						ГBE	
CLIENT: SUI	NSET SLEEPER	S		REVISION	AMENDED DESCRIPTION	I	DRAWN BY B.E.	DATE 08.09.21
JOB No: 210	9031	DRAWING No: \$100		B	FOR CONSTRUCTION		B.E. B.F	16.05.22

SCALE:

	REVISION	AMENDED DESCRIPTION	DRAWN BY	DATE
	A	FOR CONSTRUCTION	B.E.	08.09.21
	В	FOR CONSTRUCTION	B.E.	16.05.22
WING No: S100	С	FOR CONSTRUCTION	B.E.	23.05.22
	D	FOR CONSTRUCTION	B.E.	07.06.22
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