Concrete Sleepers

Engineering Certificate (2000mm Long)

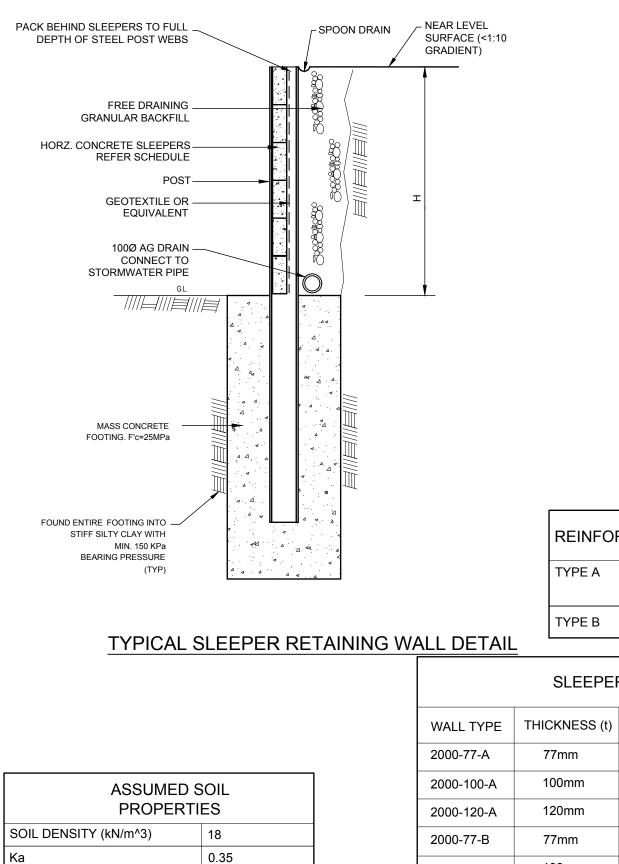
ABN 23 646 746 027

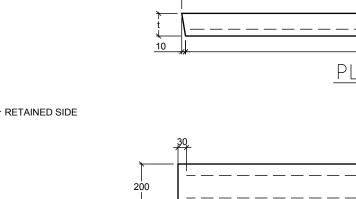
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www.SunsetSleepers.com.au





SECTION VIEW

30mm COVER TO BAR

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			<u>SPE</u>	CIFICATI
			1.	SLEEP SLEEP COMPA
REINF	ORCEMENT TYPES	6	2.	THESE SUITAE SATISF
TYPE A		EITHER: 2/N12, 3N10, 2/12mm GFRP (60GPa) OR ALSO 2/N10 USING 60MPa CONCRETE	-	THE W. LOADS
		EITHER: 2/N10, 2/10mm		CALCU

GFRP (60GPa)

SLEEPER SIZE = 2000 LONG X 200mm DEEP						
WALL TYPE	THICKNESS (t)	REINFORCEMENT	SOIL RETAINED (H) 5KPa	SOIL RETAINED (H) 10KPa		
2000-77-A	77mm	TYPE A	2.4m	2.2m		
2000-100-A	100mm	TYPE A	3.5m	3.3m		
2000-120-A	120mm	TYPE A	4.5m	4.3m		
2000-77-B	77mm	TYPE B	1.6m	1.4m		
2000-100-B	100mm	TYPE B	2.5m	2.3m		
2000-120-B	120mm	TYPE B	3.5m	3.3m		

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INTERNAL FRICTION ANGLE

30 DEGREE

TITLE: CONCRETE SLEEPER RETAINING WALL (2000 LONG)

FOR PROJECT: CONSTRUCTION CONCRETE SLEEPER DESIGN

CLIENT: SUNSET SLEEPERS	
JOB No: 2109031	DRAV
SCALE:	

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2000 	. 10			
REINFORCEM CENTRAL. REINFORCEM SECTION				
<u>ELEVATION VIEW</u>				
CIFICATIONS:				
SLEEPER CONCRETE GRADE TO BE N40. CASTIN SLEEPER REQUIRES RIGID FORMWORK AND CO COMPACTION IN ACCORDANCE WITH AS3600				
THESE SLEEPER WALLS SPECIFICATIONS ARE O SUITABLE FOR USE WITH RETAINING WALLS WH SATISFY THE FOLLOWING CONDITIONS:				
THE WALL IS NOT SUBJECT TO HEAVY SURCHAR LOADS, THE SURCHARGE LOADS THAT INCLUDE CALCULATION IS 5kPA or 10 kPa				
THE FINAL SURFACE GRADIENT ABOVE THE WAL LEVEL OR ONLY SLIGHT (LESS THAN 1 VERTICAL 10 HORIZONTAL)				
THE WALLS BACKFILL IS FREE DRAINING CONSIS SAND &/OR GRAVEL	STING OF			
ALL SUB-SURFACE WATER IS DRAINED BY MEAN AGRICULTURAL DRAIN, OR OTHER SUITABLE ME				
SLEEPERS ARE HANDLED WITH DUE CARE DURING TRANSPORTATION AND ERECTION	NG			
SLEEPER MINIMUM END BEARING LENGTH SHALL NOT BE LESS THAN 25mm EACH END				
PERS	DRAWN BY DATE B.E. 08.09.21			
A FOR CONSTRUCTION B FOR CONSTRUCTION C FOR CONSTRUCTION C FOR CONSTRUCTION	B.E. 08.09.21 B.E. 16.05.22 B.E. 23.05.22			

For more information visit sunsetsleepers.com.au

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