



GENERAL NOTES

SURFACE WATER DRAINAGE AND GRADING IS AN INTEGRAL PART OF WALKING TRACK CONSTRUCTION. IT WILL BE NECESSARY TO INSERT DRAINAGE INTO THE WALKING TRACK AT EVERY POSSIBLE OPPORTUNITY. IN MOST CASES THE TRACK GRADIENT WILL DECIDE THE TYPE OF DRAINAGE NECESSARY. THE REQUIRED TYPES OF DRAINAGE ARE DISCUSSED BELOW. THE GRADE ALONG ANY SECTION OF TRACK SHOULD NOT EXCEED 1 IN 7.5 (14%). THE GRADE OF 1 IN 7.5 (14%) SHOULD ONLY BE USED WHERE ABSOLUTELY NECESSARY AND SHOULD ONLY BE USED AFTER CONSULTATION WITH THE PROJECT MANAGER/COUNCIL SUPERVISOR.

THE USE OF THIS GRADE WILL INCREASE THE FREQUENCY OF CROSS DRAINS NEEDED IN THE WALKING TRACK. THE GRADED TRACK OR PLATFORM BETWEEN RUNS OF TREADS THAT ARE CLOSER THAN 2 METRES MUST NOT EXCEED 1 IN 20 OTHER THAN DURING THE FORMING OF A SPOON DRAIN AT THE TOP OF EVERY RUN OF TREADS. IT WILL ALSO BE NECESSARY TO INSERT DRAINAGE AT THE TOP OF EVERY RUN OF TREADS. FOR EVERY RUN OF TREADS, A SPOON DRAIN MUST BE CREATED BY LOWERING THE TOE STONES, OR RETAINING ROCK TO CREATE A WIDE DRAIN MOUTH BEHIND THE TOP TREAD. THIS WILL REMOVE SURFACE WATER FROM THE TRACK SO IT DOES NOT BUILD UP BEHIND THE TOP TREAD. THE DRAIN MOUTH MUST BE A MINIMUM OF 450 mm WIDE AND 60 mm DEEP, THE WATER SHOULD BE SHED WITH A CROSS FALL OF NO LESS THAN 1 IN 10.

AS STATED ABOVE, DRAINAGE MUST BE ENTERED INTO THE WALKING TRACK AT EVERY POSSIBLE OPPORTUNITY. THIS MUST INCLUDE A CROSS FALL. THE CROSS FALL SHOULD BE A MINIMUM OF 1 IN 20 (5%), TO A MAXIMUM OF 1 IN 10 (10%). THIS CROSS FALL WILL EXTEND FOR THE ENTIRE LENGTH OF ANY GRADED EARTHEN SURFACED TRACK.



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE				CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY
				DRAFTING BY TECHNICAL SERVICES BRANCH	PASSED - COORDINATOR OPEN SPACE ASSETS SIGNED: NAME: CAMERON TAYLOR DATE: 6/12/12 APPROVED - MANAGER PARKS & RECREATIONAL SERVICES SIGNED: NAME: RON JACOBS DATE: 6/12/12
No.	AMENDMENT	APPROVED	DATE	ISSUED	

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