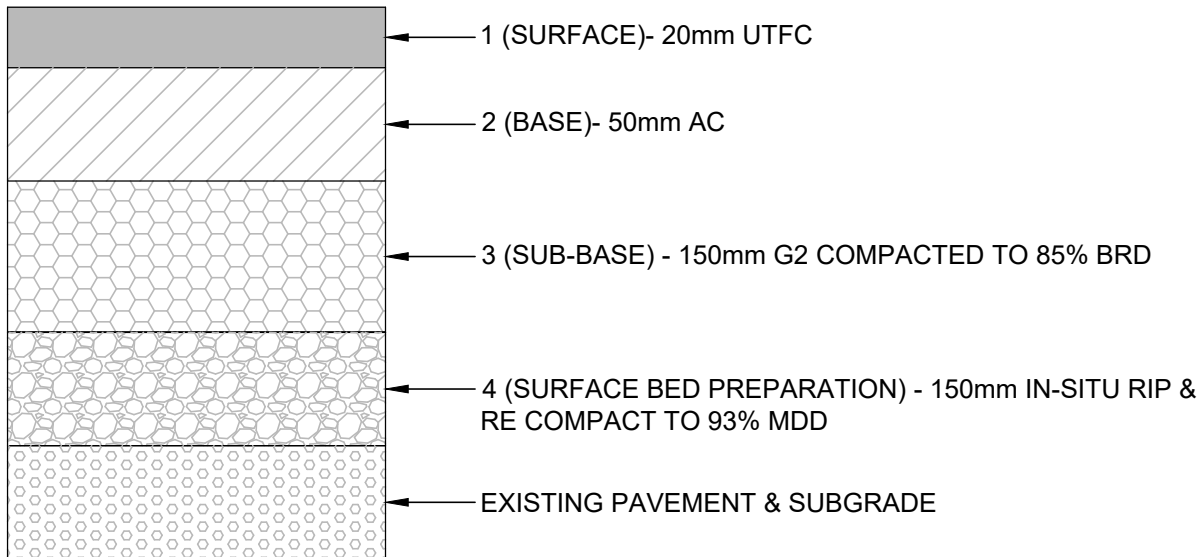
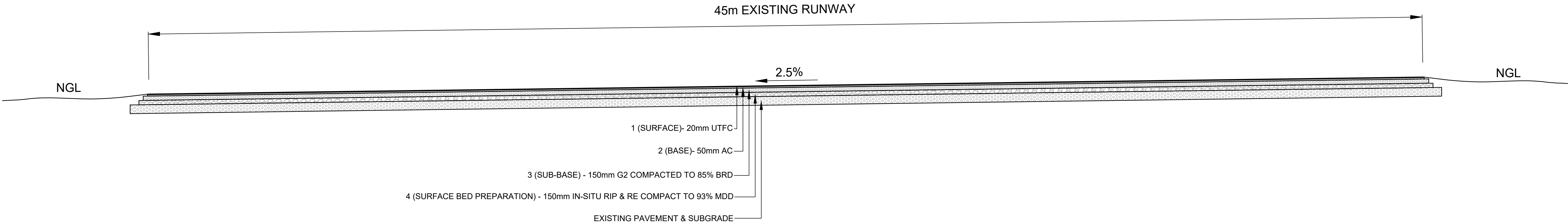


TABLE 1.1: RUNWAY DESIGN SPECIFICATIONS											
LAYER No.	LAYER DESCRIPTION	SOURCE	THICKNESS (mm)	SABS SECTION	MAX PI	GM	MAX AGGREGATE SIZE (mm)	COMPACTION % OF MAXIMUM DRY DENSITY	MIN CBR / UCS	TRH14 CLASS	OTHER REQUIREMENTS
1	UTFC	COMMERCIAL	20	1200M 1200MH	N/A	N/A	N/A	AS PER COTO A9.1.4.2 / SABITA 35	N/A	UTFC	
2	AC	COMMERCIAL	50	1200M 1200MH	N/A	N/A	13,2	AS PER COTO A9.1.4.2 / SABITA 35	N/A	AC	14 NMPS , A-E2 BINDER
3	SUBBASE	COMMERCIAL	150	1200M 1200MJ	N/A	2.5 > GM > 1.5	63	85%	80*	G2	*AT 85% OF BULK RELATIVE DENSITY
4	RUNWAY BED PREPARATION	IN-SITU	150	1200M 1200ME	N/A	N/A	53	93%	15*	G7	*AT 93% OF MAXIMUM DRY DENSITY
EXISTING PAVEMENT + SUBGRADE											



TYPICAL RUNWAY LAYERWORKS DETAIL



TYPICAL RUNWAY CROSS SECTION
SCALE 1:80



LEGEND:

TENDER

Rev	Date	Description of changes	By
A	2025-10-22	ISSUED FOR TENDER	EDP

REVISIONS

Client



Consultant



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APPROVED PR ENG No:20180337
THE MASTER HELD AT DELTA BUILT ENVIRONMENT CONSULTANTS
BEARS THE ORIGINAL SIGNATURE OF APPROVAL.

E DU PREEZ 2025-10-22
SIGNATURE: NAME: DATE:

Project

GAAL RUNWAY REHABILITATION

Project Description

GAAL RUNWAY REHABILITATION

Drawing Title

PAVEMENT DESIGN
&
LAYERWORKS

Drawing Units METRES Drawing Size A1

Date OCTOBER 2025 Scale 1:5 Designed By N MOHLALA

Checked By L MAYEKISO Drawn By M ALLI Approved By E DU PREEZ

Drawing No. P25032-TN-01-RDD-001 Rev a