

1. IF RECEIVED ELECTRONICALLY IT IS THE RECIPIENT'S RESPONSIBILITY TO PRINT TO THE CORRECT SCALE.
2. REFER TO 470673721/GN2S FOR INDICATIVE SPACING OF ORIENTED HIGHWAY AND PAV. CORRIDORS.
3. TAKE-OFF FLIGHT PLAN (TOP) GRADIENTS TAKEN FROM CAP 222 (CHAPTER 8 SEC.2).

KEY

EXISTING LEVEL	PROPOSED AIRFIELD LEVEL / FEATURE
PROPOSED W2 LEVEL / FEATURE	PROPOSED W3 LEVEL / FEATURE
PROPOSED ROAD LEVEL / FEATURE	PROPOSED RIVER LEVEL / FEATURE
PROPOSED PAWL LEVEL / FEATURE	PROPOSED TRAIL LEVEL / FEATURE
OTHER PROPOSED FEATURE	

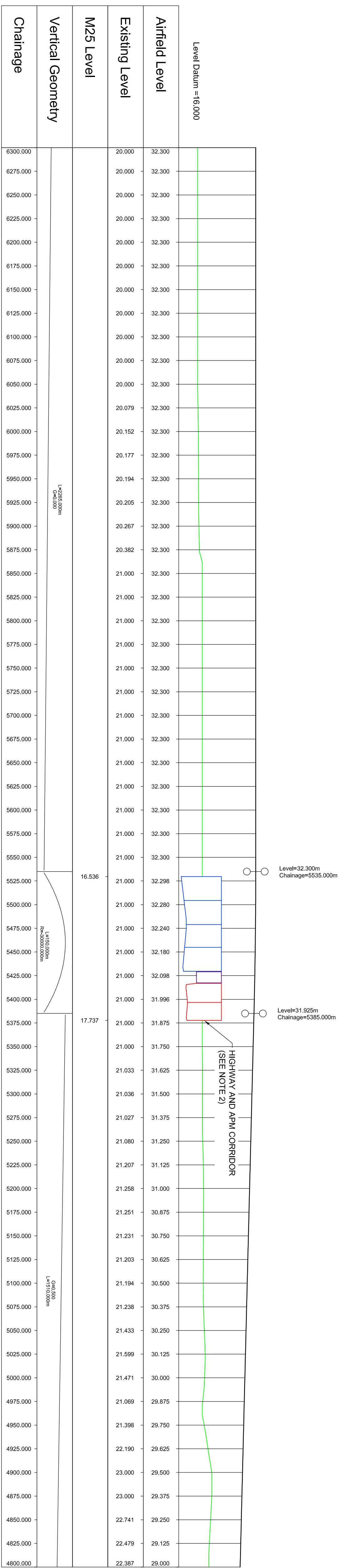
This drawing is for Preliminary purposes only and is subject to amendment during design development. UNDER NO CIRCUMSTANCES MUST THIS DRAWING BE USED FOR CONSTRUCTION PURPOSES

NOTES

1. IF RECEIVED ELECTRONICALLY IT IS THE RECIPIENT'S RESPONSIBILITY TO PRINT TO THE CORRECT SCALE. ONLY WRITTEN DIMENSIONS SHALL BE USED.
2. REFER TO 470673727 UGAS2 FOR INDICATIVE SPACING OF DIVERSED HIGHWAY AND API CONDUITS.
3. TAKE-OFF FLIGHT PATH (TOFP) GRADIENTS TAKEN FROM CAP 2322 (CHAPTER 8 SEC 2.2)

KEY

- EXISTING LEVEL / FEATURE
PROPOSED AIRFIELD LEVEL / FEATURE
PROPOSED M25 LEVEL / FEATURE
PROPOSED ROAD LEVEL / FEATURE
PROPOSED RIVER LEVEL / FEATURE
PROPOSED APL LEVEL / FEATURE
PROPOSED RAIL LEVEL / FEATURE
OTHER PROPOSED FEATURE



Revision Details	By Check	Date	Suffix
First Issue	SAW/AIE	14.05.14	01

Drawing Status

P - PRELIMINARY

Client

RUNWAY INNOVATIONS LTD

Project Title

HEATHROW RUNWAY EXPANSION PROPOSAL

Draining Tank

RUNWAY LONG SECTION

Chainage	Vertical Geometry	Existing Level		Airfield Level		Level Datum =16.000
		Existing Level	Airfield Level	Existing Level	Airfield Level	
4800.000	Defn 550 L=1710.000m	22.387	29.000	22.387	28.900	
4775.000		22.301	28.875	22.301	28.875	
4750.000		22.179	28.750	22.179	28.750	
4725.000		22.057	28.625	22.057	28.625	
4700.000		22.000	28.500	22.000	28.500	
4675.000		22.000	28.375	22.000	28.375	
4650.000		22.000	28.250	22.000	28.250	
4625.000		22.000	28.125	22.000	28.125	
4600.000		22.000	28.000	22.000	28.000	
4575.000		22.000	27.875	22.000	27.875	
4550.000	22.000	27.750	22.000	27.750	Chainage=3875.000m	
4525.000	22.000	27.625	22.000	27.625		
4500.000	22.000	27.500	22.000	27.500		
4475.000	22.000	27.375	22.000	27.375		
4450.000	22.000	27.250	22.000	27.250		
4425.000	22.000	27.125	22.000	27.125		
4400.000	22.000	27.000	22.000	27.000		
4375.000	22.000	26.875	22.000	26.875		
4350.000	22.000	26.750	22.000	26.750		
4325.000	22.000	26.625	22.000	26.625		
4300.000	22.096	26.500	22.096	26.500	Chainage=3725.000m	
4275.000	22.266	26.375	22.266	26.375		
4250.000	22.435	26.250	22.435	26.250		
4225.000	22.604	26.125	22.604	26.125		
4200.000	22.776	26.000	22.776	26.000		
4175.000	23.000	25.875	23.000	25.875		
4150.000	23.000	25.750	23.000	25.750		
4125.000	23.000	25.625	23.000	25.625		
4100.000	23.000	25.500	23.000	25.500		
4075.000	23.000	25.375	23.000	25.375		
4050.000	23.015	25.250	23.015	25.250	Chainage=3450.000m	
4025.000	23.120	25.125	23.120	25.125		
4000.000	23.224	25.000	23.224	25.000		
3975.000	23.329	24.875	23.329	24.875		
3950.000	23.383	24.750	23.383	24.750		
3925.000	23.411	24.625	23.411	24.625		
3900.000	23.440	24.500	23.440	24.500		
3875.000	23.475	24.375	23.475	24.375		
3850.000	23.515	24.260	23.515	24.260		
3825.000	23.553	24.167	23.553	24.167		
3800.000	23.591	24.094	23.591	24.094	Chainage=3200.000m	
3775.000	23.630	24.042	23.630	24.042		
3750.000	23.654	24.010	23.654	24.010		
3725.000	23.676	24.000	23.676	24.000		
3700.000	23.682	24.000	23.682	24.000		
3675.000	23.668	24.000	23.668	24.000		
3650.000	23.733	24.000	23.733	24.000		
3625.000	23.811	24.000	23.811	24.000		
3600.000	23.888	24.000	23.888	24.000		
3575.000	23.966	24.000	23.966	24.000		
3550.000	24.000	24.000	24.000	24.000	Chainage=2950.000m	
3525.000	24.000	24.000	24.000	24.000		
3500.000	24.000	24.000	24.000	24.000		
3475.000	24.000	24.000	24.000	24.000		
3450.000	24.000	24.000	24.000	24.000		
3425.000	24.000	24.000	24.000	24.000		
3400.000	24.000	24.000	24.000	24.000		
3375.000	24.000	24.000	24.000	24.000		
3350.000	24.000	24.000	24.000	24.000		
3325.000	24.000	24.000	24.000	24.000		
3300.000	24.000	24.000	24.000	24.000		

UID	Created	Approved	Date
RAID	SAV		13.06.14
US's Internal Projects		Stability	
4706/372		N/A	
Hz : 12500 Vh : 1500	Scale @ 41	Zone / Mileage	

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Rev