



PRECAST UNITS SETTING OUT POINTS

SOP1 E292021.85, N288037.27, Z 19.594
SOP2 E292023.94, N288033.86, Z 19.594

N.B. IF NECESSARY UNDERSIDE LEVEL OF PRECAST UNITS TO BE RAISED TO ENSURE NO LOWER THAN UNDERSIDE OF ADJACENT EXISTING TUNNEL BASE.

MONITORING TRIGGER LEVELS

Deflection (mm)	Action
<5	Proceed with Works
5 - 10	Pause, repeat survey & consider with design team
>10	Immediate action, repeat survey, contact design team & consider temporary props

- A. Establish 3 total station targets at top of the existing wall (22.5m OD) and a prism on the top of each precast unit.
- B. Monitoring points to record x, y & z movements
- C. Minimum frequency of readings:
- During Excavation & Precast Wall Installation: start, middle & end of shift (precast units monitored to commence once installed)
- First week post construction: daily
- Week 1 to Week 5 post construction: weekly
- If necessary frequency to be adjusted
- D. Monitoring data to be reviewed to ensure within trigger levels.

Rev	Description	Drawn	Checked	Approved	Con Acc	Scale with caution as distortion can occur.
C04	Detail Design - Amendment of Notes & additional of Dowel Details	HMCG	MC	DG		© Crown Copyright and database right 2020. All rights reserved. Ordnance Survey Licence number 100049190
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C01	Issued for Scheme Design	HMCG	MC	DG		

Legends/Notes:

- Precast units to be 3.00m high, 1.5m wide and 1.0m long.
- Foam concrete to have bulk unit weight of 7kN/m³.
- Drainage measures required for zone of reduced dig
- Edge restraint to be provided

HS2

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Official

Stage	Project/Contract	Creator/Originator		Sub Originator	
Drawing Title	EUSTON TAXI RANK	Discipline/Function		System description	
Drawing Title	1CP01-MDS_BLU-	Drawn by		Checked by	
PRECAST WALL UNITS AT LODGE BUILDING		HMCG	MC	DG	25.10.21
		Scale	Size	Suitability	Rev.
		1:50	A1	S4	C04
		Drawing No.			
		1CP01-MDS_BLU-HW-DDE-SS08_SL31-000007			