

Roof Key

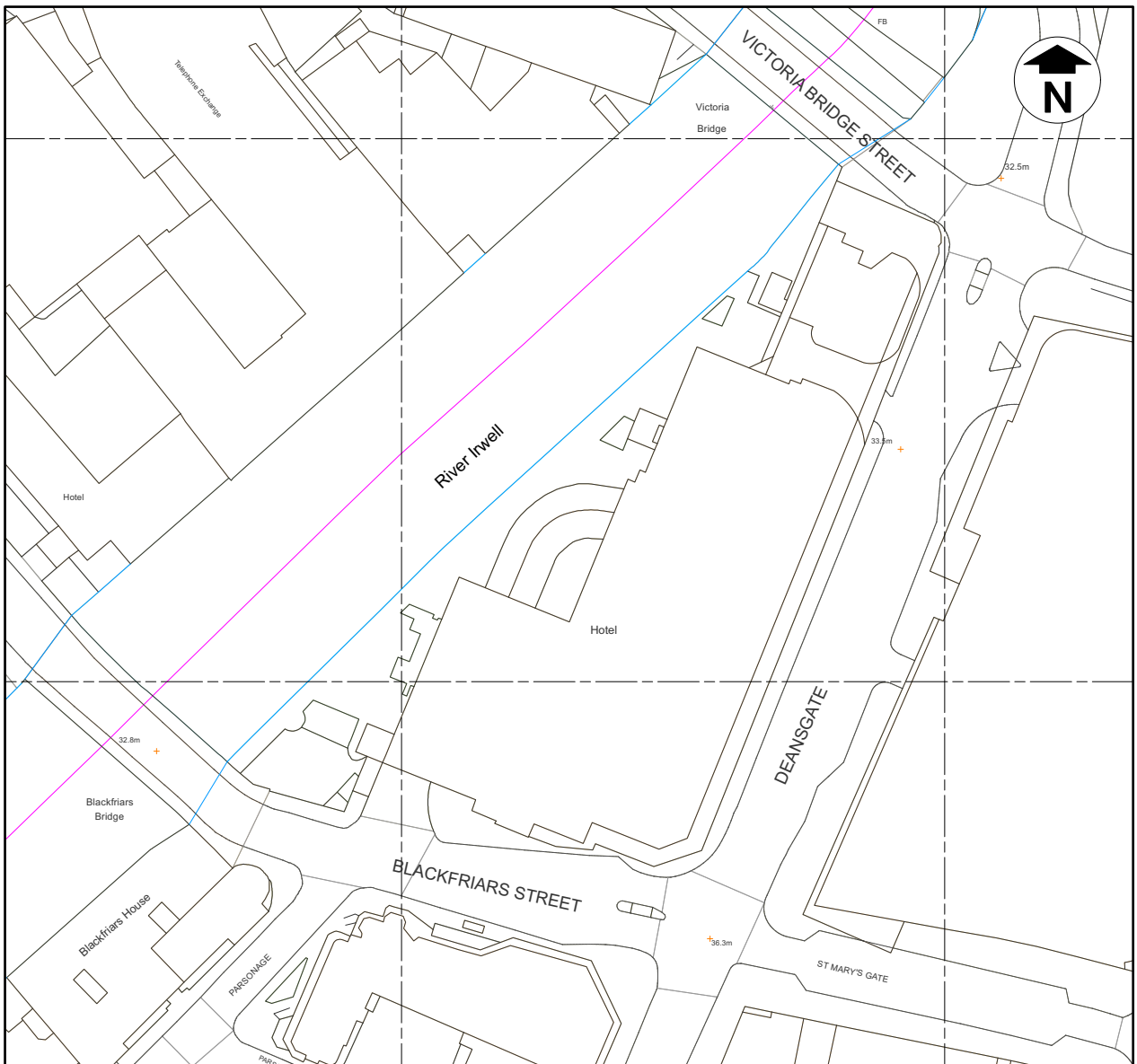
- a. New Roof Construction:-
Single ply roof membrane, Bauder or equal equivalent, with standing seam profiles @ 600mm c/cs over 205mm thick BauderROCK Class A insulation to achieve 0.18W/m2K, over 22mm plywood deck over Metsec roof joists, with 2 layers of 12.5mm thick British Gypsum Fireline plasterboard with skim finish to u/s.
- Overall roof to be achieve $B_{ROOF}(t4)$ and achieve Rw' 58dB sound insulation
- b. External Terrace Construction:-
Kinley Padua Thunder 20mm thick porcelain tiles on Preventa fire rated adjustable and slope correcting pedestal and joist system. over Single ply roof membrane, Bauder or equal equivalent over BauderROCK tapered insulation to achieve 0.18W/m2K (overall thickness and taper design to be confirmed by Bauder) over 18mm plywood deck over Metsec flat roof joists
- c. Oak timber frames to form treehouse feature gables & portico

4no. Orlando Swift Nest Boxes to be 1m apart on Irwell elevation.
Min. 2m above FFL.
Dimensions: 350mmW x 220mmH x 180mmD

2no. Schwegler Wall-Mounted Bat Shelter to be min. 2m above FFL.
One on Stair Tower 1 on Victoria Bridge Street elevation and one on North Plant Room, Victoria Bridge Street elevation.
Dimensions: 300mmh x 250mmw x 30-50mm depth

2no. Beaumaris Woodstone Bat Box Maxi to be min. 2m above FFL on Irwell elevation.
Dimensions: 500mmh x 380mmw x 70mm depth

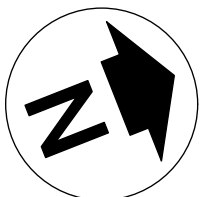
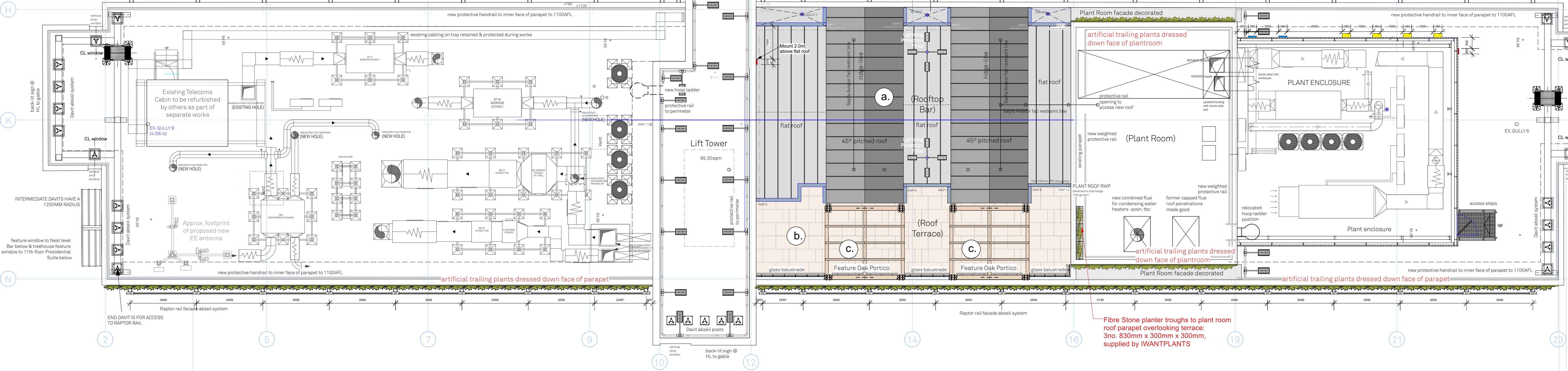
Black Redstart 'song post' location.
(potential sites for male black redstart during breeding season)



orientation key

IRWELL ELEVATION

DEANSGATE ELEVATION



Rev.	Date	Description	By	Appr.



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Project	TREEHOUSE HOTEL MANCHESTER		
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