



# MIRRLEES PARK - TECHNICAL MATTERS

Hazel Grove, Stockport



## Technical Matters – Flooding & Drainage

- located in Flood Zone 1 where a low probability of flooding is anticipated
- No increase to the risk of flooding to other adjacent neighbourhoods
- Sustainable Urban Drainage Systems
- Opportunity to include natural flood management techniques to alleviate flood risk to communities downstream

## Technical Matters – Noise and Air Quality

- A series of baseline noise surveys have been undertaken to quantify the levels of noise associated with MAN Energy Solutions, as well as noise generated by road, rail, and air noise
- Noise levels indicate a negligible to low risk
- Where required good acoustics design and local mitigation measures can be incorporated
- Not located within an existing Air Quality Management Area (AQMA)



## Technical Matters – Ground Conditions

- Topography of the site is relatively flat
- No historic or active landfills on the site
- Undeveloped nature means low risk of contamination

## Technical Matters – Sustainability

- High levels of insulation
- Energy efficient heating and hot water systems
- Passive solar gains and internal heat sources
- High level of airtightness

