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Coulsdon South Access For All Project (AFA) 157480

Project Background;

This scheme is being delivered by the South-East MFF team including IP and Bam Nuttall. This is a Department for Transport funded scheme to provide step free access at Coulsdon South Station, thereby delivering a safe railway that is accessible for all. This will include constructing a new footbridges with new staircases as well as installing new lift shafts. The scheme was developed to F001 by others with Bam Nuttall/Network Rail IP developing the F003 and F003.

Observations;

- Insufficient information was transferred with the F001 with regards to Constructability, Hazard log, Designer's decision and/or assumptions log to advise rational behind F001 design proposal.
- There was no handover or continuity between the F001 design delivery team and the subsequent design delivery process, therefore the F001 design philosophy had to be revisited.
- The footprint/location of the structure appeared to have been poorly positioned in the first instance with some existing infrastructure being demolished to accommodate the new structure. This was rationalised on review.
- Piling arrangement changed to avoid piling on embankment and position structure within NR boundary



Positive Learning;

- Early Buildability/Constructability review of new schemes particularly those with previous design history
- Carry out Hazard Identification and Review prior to carrying out further design work.
- Consult with people involved in previous (recent) projects in the vicinity of proposed works (Selhurst AFA lesson).
- Need to consider how we obtain designer's knowledge and continuity on handover?
- Designer's issues and decision log required
- Designer's assumptions log required
- Obtain as much historical records as possible even when some design work has been completed.
- Assume it is a "new" design scheme.



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