

General overview of how to use the “As-Constructed” Documents on the MRC Website

What are the “As-Con” Requirements?

Before commencing project construction/installation phase, contact the Coordinator – Design and Asset Owner/Project Customer to determine whether Asset Design As Constructed (ADAC) is required

ADAC Required

ADAC Not Required

Receive ADAC Survey (including pick-up completed during project delivery) completed by a surveyor

- Direct Surveyors to *MRC Guidelines for “As Constructed” and ADAC Survey* for accuracy specifications, survey codes, and example sketches
- Direct questions to Survey Coordinator

Issue ADAC Survey and “Red Pen” mark-ups of plans to original designer to complete valid ADAC XML file

- Direct Designer to *MRC Guidelines for Creation and Submission of MRC XML files* for attribute information and mandatory fields
- Inform Designers using 12d Model software that *MRC Guidelines for the creation of ADAC XML files using 12d Model* is available
- Direct questions to Design Coordinator

Issue design drawings and “Red Pen” mark-ups of plans to original designer to complete “As-Constructed” plans

- Direct designer to *MRC Engineering and Design Guidelines D20* Sections, 2, 5, and 6.3

Receive “As-Constructed” bundle

- “Red Pen” mark-ups
- DWG and signed PDF plans
- DWG or 12da survey data
- Survey Certification (Annexure C of D20)
- Documents listed in section 6.3 of the D20 (as required)
- ADAC XML file (as required)