

**Drafting Design and Presentation Standards Manual**  
**Volume 1: Chapter 2 – General Standards**  
**Appendix 2F TMR Drawing Attributes**

**October 2016**

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## Amendment Register

Issue / Rev no.	Reference section	Description of revision	Authorised by	Date
1	-	Update to Corporate Template	Owen Arndt	February 2014
2	Table 2F.1	<p>Contents updated to reflect current TMR Standards Sheets:</p> <ul style="list-style-type: none"> <li>• Parish changed to Locality</li> <li>• County changed to LGA</li> <li>• Updated design criteria attributes related to standard drawing sheet MRB_Detail_A1</li> <li>• Removal of reference to standard drawing sheet MRT_Cabling_A1</li> <li>• Removal of attributes referring to standard drawing sheet MRD_RoadDeclaration_A1</li> </ul>	Director (Road Design) Geospatial, Design and Capability (E&T)	October 2016

**Contents**

1 Background .....1  
2 Drawing attribute input .....1  
3 Drawing attribute output .....1

**Table**

Table F3 - Attribute tags ..... 1

This Appendix 2F provides information on pre-defined attribute information associated with the department's standard electronic drawings sheets used in AutoCAD. The information presented in this section is provided to document the existing data and to make users aware of the role of this data in the future automation of the capture of final drawing data, for use with the department's long-term drawing management systems.

## 1 Background

The Department of Transport and Main Roads has a centrally based Drawing Register, the role of which is to issue drawing numbers and to archive, store and retrieve drawings.

It is the intention of the department to commence capturing drawing data for entry into a Graphical Information System (GIS). Extraction of pre-defined attributes attached to electronic drawings produced by and on behalf of the department will form the basis for automated input into the drawing management system.

The first step towards this automation is to standardize and document the drawing attributes for all standard electronic drawing sheets.

## 2 Drawing attribute input

An attribute provides a label or tag for you to attach text to a block. Multiple attributes may be associated with a block, provided that each attribute has a different tag. Whenever you insert a block that has a variable attribute, AutoCAD prompts you to enter the data to be stored with the block.

In the case of the department's drawings, all electronic drawing borders include attached data attributes such as drawing number, job number, Local Authority and Road Name.

"Table F3 - Attribute Tags" lists all pre-defined variable attribute tags and their meanings for the currently available electronic drawing sheets.

## 3 Drawing attribute output

AutoCAD provides a utility to write an attribute extract file, however the department will require additional drawing data relating to the spatial location of the drawings. Coordinates, relative to the project datum, are required for the corners of key viewports.

The department's AutoCAD Customisation system in future will provide a utility to extract all the relevant data from each layout, including spatial information of key plan view viewports nominated by the user:

**Table F3 - Attribute tags**

ACCESSNO.L1	Access Number – Line 1 (MRR_Limited_Access_A1 only)
ACCESSNO.L2	Access Number – Line 2 (MRR_Limited_Access_A1 only)
ACCESSNO.L3	Access Number – Line 3 (MRR_Limited_Access_A1 only)
ACCESSNO.L4	Access Number – Line 4 (MRR_Limited_Access_A1 only)
ACCESSNO.L5	Access Number – Line 5 (MRR_Limited_Access_A1 only)
ACCESSNO.L6	Access Number – Line 6 (MRR_Limited_Access_A1 only)
APPDRG	Drawing containing the scheme approval

APPNO	Number in series of drawings containing the scheme approval
AREAAFFECT1	Affected area relating to File Reference No.1 (MRR_NativeTitle_A1 only)
AREAAFFECT2	Affected area relating to File Reference No. 2 (MRR_NativeTitle_A1 only)
AREAAFFECT3	Affected area relating to File Reference No.3 (MRR_NativeTitle_A1 only)
AREAAFFECT4	Affected area relating to File Reference No.4 (MRR_NativeTitle_A1 only)
AREAAFFECT5	Affected area relating to File Reference No.5 (MRR_NativeTitle_A1 only)
AREAREM1	Area remaining relating to File Reference No.1 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
AREAREM2	Area remaining relating to File Reference No.2 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
AREAREM3	Area remaining relating to File Reference No.3 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
AREAREM4	Area remaining relating to File Reference No.4 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
AREAREM5	Area remaining relating to File Reference No.5 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
AREAREQD1	Resumption area required relating to File Reference No.1 (MRR_Resumption_A1 only)
AREAREQD2	Resumption area required relating to File Reference No.2 (MRR_Resumption_A1 only)
AREAREQD3	Resumption area required relating to File Reference No.3 (MRR_Resumption_A1 only)
AREAREQD4	Resumption area required relating to File Reference No.4 (MRR_Resumption_A1 only)
AREAREQD5	Resumption area required relating to File Reference No.5 (MRR_Resumption_A1 only)
ASSJOB1	Associated Job No.1
ASSJOB2	Associated Job No.2
AUXDRG1	Auxiliary Drg No.1
AUXDRG2	Auxiliary Drg No.2
AUXDRG3	Auxiliary Drg No.3
AUXDRG4	Auxiliary Drg No.4
AUXDRGS	Auxiliary Drawings (MRR_Resumption_A1 only)
BARRIER_PERFORMANCE	Barrier Performance Level (MRB_Detail_A1 only)
BIS_NO.	Bridge Information System Number (MRB_Detail_A1 only)
BRIDGE_TYPE	Bridge Type (MRB_Detail_A1 only)
CADASTMAP	Cadastral Map (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
CLIENT	Name of Client (MRG_DETAIL_A1 only)

COMMENTSL1	Comments – Line 1 (MRR_Limited_Access_A1 only)
COMMENTSL2	Comments – Line 2 (MRR_Limited_Access_A1 only)
COMMENTSL3	Comments – Line 3 (MRR_Limited_Access_A1 only)
COMMENTSL4	Comments – Line 4 (MRR_Limited_Access_A1 only)
COMMENTSL5	Comments – Line 5 (MRR_Limited_Access_A1 only)
COMMENTSL6	Comments – Line 6 (MRR_Limited_Access_A1 only)
DESIGN	Designed by
DESIGN_CODE	Bridge Design Code (MRB_Detail_A1 only)
DESIGN_LOADING	Bridge Design Loading (MRB_Detail_A1 only)
DESIGN_SPEED	Design Speed (MRB_Detail_A1 only)
DESIGNREV	Design Review by
DESVERIFY	Design Verified
DIM	Dimensions (metres/millimetres)
DIST_END	Distance from end of project to following RPC
DIST_JOB	Distance from start to end of project
DIST_START	Distance to start of project from preceding RPC
DLNEW1	Declaration Length New 1
DLNEW2	Declaration Length New 2
DLNEW3	Declaration Length New 3
DLNEW4	Declaration Length New 4
DLOLD1	Declaration Length Old 1
DLOLD2	Declaration Length Old 2
DLOLD3	Declaration Length Old 3
DLOLD4	Declaration Length Old 4
DOF	Total number of drawings of Drawing Index Sheets
DRAWN	Drawn by
DRGNO	Drawing Number
DWNCKD	Drawing checked by
EARTHQUAKE_ZONE	Earthquake Zone (MRB_Detail_A1 only)
ECAREA1	Engineering Area 1
ECAREA2	Engineering Area 2
ECAREA3	Engineering Area 3
ECDATE1	Engineering Certified Date 1
ECDATE2	Engineering Certified Date 2
ECDATE3	Engineering Certified Date 3
ECNAME1	Engineering Certified Name 1
ECNAME2	Engineering Certified Name 2
ECNAME3	Engineering Certified Name 3

ECNUM1	Engineering Certified Number 1
ECNUM2	Engineering Certified Number 2
ECNUM3	Engineering Certified Number 3
EXMND	Examined Date
FILEREF1	File Reference No.1 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
FILEREF2	File Reference No.2 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
FILEREF3	File Reference No.3 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
FILEREF4	File Reference No.4 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
FILEREF5	File Reference No.5 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
HCOPY1	Hard Copy 1
HCOPY2	Hard Copy 2
HCOPY3	Hard Copy 3
HCOPY4	Hard Copy 4
HGHTDAT	Height Datum
HORDAT	Horizontal Datum
INVESTIGATIONTYPE	Investigation Type (MRG_Detail_A1 only)
JOBNO	Job Number
JOINDRG1	Joins Drawing 1
JOINDRG2	Joins Drawing 2
LANDUSEL1	Land Use – Line 1 (MRR_Limited_Access_A1 only)
LANDUSEL2	Land Use – Line 2 (MRR_Limited_Access_A1 only)
LANDUSEL3	Land Use – Line 3 (MRR_Limited_Access_A1 only)
LANDUSEL4	Land Use – Line 4 (MRR_Limited_Access_A1 only)
LANDUSEL5	Land Use – Line 5 (MRR_Limited_Access_A1 only)
LANDUSEL6	Land Use – Line 6 (MRR_Limited_Access_A1 only)
LDD1	Local Government Regional/District Director 1
LDD2	Local Government Regional/District Director 2
LDD3	Local Government Regional/District Director 3
LDD4	Local Government Regional/District Director 4
LDDDATE1	Local Government Regional/District Director Date 1
LDDDATE2	Local Government Regional/District Director Date 2
LDDDATE3	Local Government Regional/District Director Date 3
LDDDATE4	Local Government Regional/District Director Date 4
LENGTH	Resumptions Length
LEVELOFACCESSL1	Level of Access – Line 1 (MRR_Limited_Access_A1 only)

LEVELOFACCESSL2	Level of Access – Line 2 (MRR_Limited_Access_A1 only)
LEVELOFACCESSL3	Level of Access – Line 3 (MRR_Limited_Access_A1 only)
LEVELOFACCESSL4	Level of Access – Line 4 (MRR_Limited_Access_A1 only)
LEVELOFACCESSL5	Level of Access – Line 5 (MRR_Limited_Access_A1 only)
LEVELOFACCESSL6	Level of Access – Line 6 (MRR_Limited_Access_A1 only)
LG	Local Government
LG1	Local Government 1
LG2	Local Government 2
LG3	Local Government 3
LG4	Local Government 4
LGA	Local Government (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LGPLANNO	Local Government Plan number
LOCALITY	Locality Name (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTDET1	Lot Details relating to File Reference No.1 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTDET2	Lot Details relating to File Reference No.2 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTDET3	Lot Details relating to File Reference No.3 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTDET4	Lot Details relating to File Reference No.4 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTDET5	Lot Details relating to File Reference No.5 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTNO1	Lot Number relating to File Reference No.1 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTNO2	Lot Number relating to File Reference No.2 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTNO3	Lot Number relating to File Reference No.3 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTNO4	Lot Number relating to File Reference No.4 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
LOTNO5	Lot Number relating to File Reference No.5 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
MAXWIDTHOFACCESSL1	Maximum width of access – Line 1 (MRR_Limited_Access_A1 only)
MAXWIDTHOFACCESSL2	Maximum width of access – Line 2 (MRR_Limited_Access_A1 only)
MAXWIDTHOFACCESSL3	Maximum width of access – Line 3 (MRR_Limited_Access_A1 only)
MAXWIDTHOFACCESSL4	Maximum width of access – Line 4 (MRR_Limited_Access_A1 only)
MAXWIDTHOFACCESSL5	Maximum width of access – Line 5 (MRR_Limited_Access_A1 only)

MAXWIDTHOFACCESSL6	Maximum width of access – Line 6 (MRR_Limited_Access_A1 only)
MIN1	Minister 1
MIN2	Minister 2
MIN3	Minister 3
MIN4	Minister 4
MINDATE1	Minister Date1
MINDATE2	Minister Date2
MINDATE3	Minister Date3
MINDATE4	Minister Date4
MRCONTNO	Contract Number
NATPLANNO	Native Title Plan number (MRR_NativeTitle_A1 only)
NO.	Number in series of this drawing
OF	Total number of drawings in series
PDF1	Digital PDF 1
PDF2	Digital PDF 2
PDF3	Digital PDF 3
PDF4	Digital PDF 4
PERMITISSUEDDATEL1	Permit Issued Date – Line 1 (MRR_Limited_Access_A1 only)
PERMITISSUEDDATEL2	Permit Issued Date – Line 2 (MRR_Limited_Access_A1 only)
PERMITISSUEDDATEL3	Permit Issued Date – Line 3 (MRR_Limited_Access_A1 only)
PERMITISSUEDDATEL4	Permit Issued Date – Line 4 (MRR_Limited_Access_A1 only)
PERMITISSUEDDATEL5	Permit Issued Date – Line 5 (MRR_Limited_Access_A1 only)
PERMITISSUEDDATEL6	Permit Issued Date – Line 6 (MRR_Limited_Access_A1 only)
PERMITISSUEDL1	Permit Issued – Line 1 (MRR_Limited_Access_A1 only)
PERMITISSUEDL2	Permit Issued – Line 2 (MRR_Limited_Access_A1 only)
PERMITISSUEDL3	Permit Issued – Line 3 (MRR_Limited_Access_A1 only)
PERMITISSUEDL4	Permit Issued – Line 4 (MRR_Limited_Access_A1 only)
PERMITISSUEDL5	Permit Issued – Line 5 (MRR_Limited_Access_A1 only)
PERMITISSUEDL6	Permit Issued – Line 6 (MRR_Limited_Access_A1 only)
PLANNO1	Survey Plan relating to File Reference No.1 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
PLANNO2	Survey Plan relating to File Reference No.2 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
PLANNO3	Survey Plan relating to File Reference No.3 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
PLANNO4	Survey Plan relating to File Reference No.4 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
PLANNO5	Survey Plan relating to File Reference No.5 (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)
PROJECTNAME	Project Name (MRG_Detail_A1 only)

PROPERTYDESCRIPTIONL1	Property Description – Line 1 (MRR_Limited_Access_A1 only)
PROPERTYDESCRIPTIONL2	Property Description – Line 2 (MRR_Limited_Access_A1 only)
PROPERTYDESCRIPTIONL3	Property Description – Line 3 (MRR_Limited_Access_A1 only)
PROPERTYDESCRIPTIONL4	Property Description – Line 4 (MRR_Limited_Access_A1 only)
PROPERTYDESCRIPTIONL5	Property Description – Line 5 (MRR_Limited_Access_A1 only)
PROPERTYDESCRIPTIONL6	Property Description – Line 6 (MRR_Limited_Access_A1 only)
QRDD1	Queensland Rail District Director 1
QRDD2	Queensland Rail District Director 2
QRDD3	Queensland Rail District Director 3
QRDD4	Queensland Rail District Director 4
QRDDDATE1	Queensland Rail District Director Date 1
QRDDDATE2	Queensland Rail District Director Date 2
QRDDDATE3	Queensland Rail District Director Date 3
QRDDDATE4	Queensland Rail District Director Date 4
REQCHECK	Requirements Checker
REQMTS	Requirements
RESPLANNO	Resumption Plan Number (MRR_Resumption_A1 only)
RESPLANS	Resumptions Plans
REV	Revision Identifier
ROAD	Road Name
ROADSECT	Control chainage range
RPC_NEXT	Following RPC
RPC_P	Preceding RPC
RPEQ_NAME	Registered Professional Engineer of QLD (RPEQ) Name
RPEQ_NO	Registered Professional Engineer of QLD (RPEQ) Number
SITE_NO	Site Number (MRT_Details_A1 only)
SURBKS	Survey Books
THRUCH	Through Chainage from
TITLE1	Drawing Title – Line 1
TITLE2	Drawing Title – Line 2
TITLE3	Drawing Title – Line 3
VERS1	Version 1
VERS2	Version 2
VERS3	Version 3
VERS4	Version 4
WORKDRGS	Working Drawings (MRR_Resumption_A1 and MRR_NativeTitle_A1 only)

