

Technical Bulletin

TB 0312A – Alteration to SAD0001 with the implementation of SAP

Purpose

This Technical Bulletin details the new requirements for design drawings due to the implementation of SAP.

Background

With a multitude of GIS assets now linking to SAP, there is a requirement to accurately display new SAP data within project drawings.

Actions

This change will see addition of new notes to display **Asset Number** on project drawings.

SUB_SAP_LV_LABELS (formerly NOTE_SUB_LABELS)

(45)

NEW LABELS	
SUB XXXXXX	
'R' - PILLAR 95930	XXXXXX
'S' - PILLAR 95939	XXXXXX
'T' - TRANSFORMER	XXXXXX
'U' - PILLAR 95938	XXXXXX
'V' - PILLAR 95931	XXXXXX
'G' - GENERATOR FUSE STRIP	XXXXXX

SUB_SAP_OH_URBAN

(105)

SAP DATA URBAN	
OH SUB XXXXXX	
HV DOF	XXXXXX
TRF 1	XXXXXX
LV ISOLATOR	XXXXXX
LV BUSBAR	XXXXXX
F1 - FUSE LABEL	XXXXXX
F2 - FUSE LABEL	XXXXXX

SUB_SAP_OH_RURAL

(106)

SAP DATA RURAL	
OH SUB XXXXXX	
HV DOF	XXXXXX
TRF 1	XXXXXX
LV BUSBAR	XXXXXX
F1 - FUSE LABEL	XXXXXX
F2 - FUSE LABEL	XXXXXX

SUB_SAP_SINGLE_TRF

(102)

SAP DATA	
SUB XXXXXX	
HV BUSBAR	XXXXXX
TRF 1	XXXXXX
LV BUSBAR	XXXXXX

SUB_SAP_DUAL_TRF

(103)

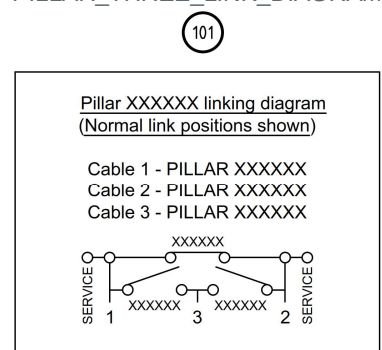
SAP DATA			
SUB XXXXXX			
HV BUSBAR	XXXXXX	HV BUSBAR	XXXXXX
TRF 1	XXXXXX	TRF 2	XXXXXX
LV BUSBAR	XXXXXX	LV BUSBAR	XXXXXX

SUB_SAP_TRIPLE_TRF

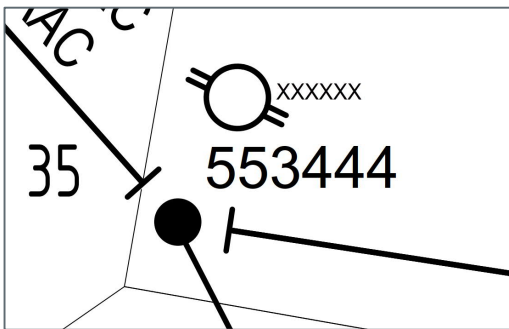
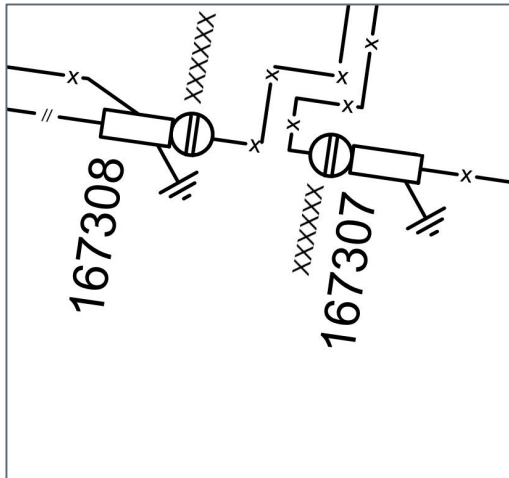
(104)

SAP DATA					
SUB XXXXXX					
HV BUSBAR	XXXXXX	HV BUSBAR	XXXXXX	HV BUSBAR	XXXXXX
TRF 1	XXXXXX	TRF 2	XXXXXX	TRF 3	XXXXXX
LV BUSBAR	XXXXXX	LV BUSBAR	XXXXXX	LV BUSBAR	XXXXXX

PILLAR_THREE_LINK_DIAGRAM



Additionally, all other LV links and switches will be required to have the asset number displayed on the LV circuit of a project drawing.



The **Asset Number** is required in all cases. This can be obtained from the SAP Functional Location by removing the leading alpha characters and padded zeros. For example:

Distribution Substation

FLOC: DSUB00017580

Asset Number: **17580**

HV Busbar

FLOC: BBHV00014812

Asset Number: **14812**

Distribution Transformer

FLOC: DSTX10000129

Asset Number: **10000129**

LV Fuse

FLOC: DSSW00182852

Asset Number: **182852**

LV Busbar

FLOC: BBLV00034734

Asset Number: **34734**

LV Link

FLOC: SWIT00987199

Asset Number: **987199**

Implementation

This standard will be updated and published to BMS and the ASP portal.

Impacted Standards

The contents of this technical bulletin will be included in the next update of the following standard:

- SAD0001 – Project Drawing Standard