

# Standards Alert

Part of the Energy Queensland Group

Subject: <b>Revised Energex Underground Distribution Construction Manual to Version 25</b>	Control Ref No: StdsA606
	Date Issued: 19/01/2021
	Supersedes: N/A
For Policy/Procedure/Manual: <b>Energex Underground Distribution Construction Manual RED 00305</b>	Expiry Date: 19/04/2021
Originating Dept: <b>Asset Standards: Line Standards</b>	
Target Audience: <b>South East</b>	

## 1. Introduction

This Standards Alert is issued to advise of an update of the Energex Underground Distribution Construction Manual to Version 25 following internal and external feedback.

## 2. Major Changes in This Version:

### 2.1. New three-way link pillar

A new 3-way LV link pillar is introduced to replace the previous Energex pillar which was not suitable for 240mm<sup>2</sup> cable. The new pillar can handle cables up to 300mm<sup>2</sup> and is rated to 400A.

Refer to drawings:

- E1-2.12-1A
- E5-5.14-2A
- E5-5.14-3A

### 2.2. Parallel cables from TX to a large customer

This new standard drawing provides a standard construction for terminating dual (parallel) 240mm<sup>2</sup> up a pole. Refer to drawings:

- E5-3.8-1A
- E5-3.8-2A
- E5-3.8-3A

## 3. Amendments

Appendix A of this Standards Alert provides a comprehensive listing of the amendments made to the construction manual.

## 4. Update to Manuals

An updated copy of the Energex Underground Distribution Construction Manual Version 25 is available via the RED site for Energex staff.

The updated manual is available to external service providers via the internet.

Printed copies are not distributed for this manual. The Manual is an uncontrolled document when printed from the website.

## 5. Deployment

Compliance with the requirements of the revised Energex Underground Distribution Construction Manual Version 25 is expected from publication of the manual and this Standards Alert unless dispensation is granted in writing by Energex or Ergon Energy having regard to the circumstances.

## 6. Further Information

For further information, please contact-

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**APPENDIX A TO STANDARDS ALERT No. StdsA606  
AMENDMENTS TO THE ENERGEX UNDERGROUND DISTRIBUTION CONSTRUCTION MANUAL  
AS CONTAINED IN VERSION 25**

Section	Sub Section	Sheet	Version	Brief Description of Amendments
Cover			Ver 25	Cover page updated to reflect issue 25.
Intro			Ver 25	Last update dates to reflect changes for issue 25.
Amendment			Ver 25	Updates included in this version update.
C3	2.2	1	D	Barrier line and text removed from drawing.
	2.5	1	E	Barrier line and text removed from drawing.
C4	0	1	F	Sub-sect 1.1 change to 5 sheets.
	1.1	1	D	Drawing now obsolete, drawing updated to reflect addition of sheet 5.
	1.1	2	E	Drawing updated to reflect addition of sheet 5.
	1.1	3	C	Drawing updated to reflect addition of sheet 5.
	1.1	4	C	Drawing updated to reflect addition of sheet 5.
	1.1	5	A	New drawing.
	2.1	3	B	Note 2 added.
	2.1	5	B	Note 2 added.
E1	3.1	1	B	Drawing now obsolete.
	0	2	D	Sub-section 2.12 added. 3 Way Link Pillar.
	2.7	1	F	Shear head lugs removed from title block.
	2.7	2	F	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.7	3	F	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.7	4	F	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.7	5	F	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.7	6	E	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.7	7	B	Shear head lugs removed from title block; termination kit updated to show correct sheet for link.
	2.12	1	A	New drawing, 3 Way Link Pillar.
	3.2	3	B	New assembly 1052-5 added.
3.4	2	B	<u>Stock code updated for assembly 1055-1-T5 &amp; T6 to show strapping and buckle.</u>	
E2	1.7	1	B	Drawing now obsolete.
	2.6	1	C	File name corrected from 6.2 to 2.6.
E3	2.1	1	B	Network user and 240 CCT updated to show Consumer Mains and Network Cables on single line diagram.
	3.1	1	B	Drawing now obsolete.
E5	0	1	I	Sub-section 3.8 added, 5.14 updated to 3 sheets.
	3.8	1	A	New drawing, 2 x 240mm <sup>2</sup> termination.
	3.8	2	A	New drawing, 2 x 240mm <sup>2</sup> termination.
	3.8	3	A	New drawing, 2 x 240mm <sup>2</sup> termination.
	5.14	1	D	Drawing now obsolete, to be replaced by new 3 Way link pillar on sheet 2.
	5.14	2	A	New drawing. 3 Way Link Pillar
	5.14	3	A	New drawing. 3 Way Link Pillar.