



- NOTES:
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION, MECHANICAL, CIVIL AND RELEVANT ENGINEERING STANDARDS, DOCUMENTS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
 2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATION.
 3. ALL DIMENSIONS WHICH TIE INTO OR OTHERWISE RELATE TO EXISTING STRUCTURES SHALL BE VERIFIED ON SITE PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.
 4. ALL EXCAVATION SHALL BE CARRIED OUT IN SUCH A MANNER AS TO PRESERVE UNDISTURBED CONDITIONS AT THE UNDERSIDE OF THE COMPACTED FILL.
FOR PLINTH DETAIL REFER TO KS-341.
 5. FOR EARTH GRID DETAILS FOR REFER TO KS-344.
 6. FOR CIVIL FOUNDATION REFER TO KS-346.
 7. TABLE 1 IS NOT APPLICABLE FOR 22kV 240mm² HIGH FAULT LEVEL CABLES. FOR HIGH FAULT LEVEL CABLE THE DESIGNER SHALL CONTACT TASNETWORKS FOR CRITICAL DESIGN INFORMATION.
 8. TABLE 1 BENDING RADIUS VALUES ARE ONLY APPLICABLE FOR CABLES BEING PUSHED THROUGH CONDUIT DURING INSTALLATION. NO TENSION IS ALLOWED DURING THE INSTALLATION OTHERWISE 'DURING INSTALLATION' BENDING RADIUS SHALL APPLY.
 9. FOR DETAILED CABLE INFORMATION REFER TO UG-301, UG-309, UG-319 AND UG-323.

BENDING RADIUS TABLE 1		
HV CABLE		
CABLE SIZE	MIN. RADIUS	
11kV 185mm ²	985mm	
11kV 240mm ²	1060mm	
22kV 185mm ²	1130mm	
22kV 240mm ²	1200mm	

EMF/PDF CREATION DATE 04/AUG/17

ALTERATIONS

ORIGINAL ISSUE	
REV	C
PROJECT	C516011
DESIGNED BY	TasNetworks
ENGINEER	C5 PRO-SOLUTIONS
DATE	26/06/2017
APPROVED BY	G.HALL
DATE	04/AUG/17

DRAWN	C5 PRO-SOLUTIONS
DESIGNED BY	TASNETWORKS
CHECKED BY	G.HALL
APPROVED BY	D.ELLIS
DATE APPROVED	05/02/2016

© Tasmanian Networks PTY. LTD. trading as TasNetworks ABN: 24 167 357 299	
NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR PERMISSION OF TASNETWORKS	
TITLE SWITCHING STATION CONDUIT DETAIL 3-4 RMU	SCALE 1:40
KS-345	REVISION C