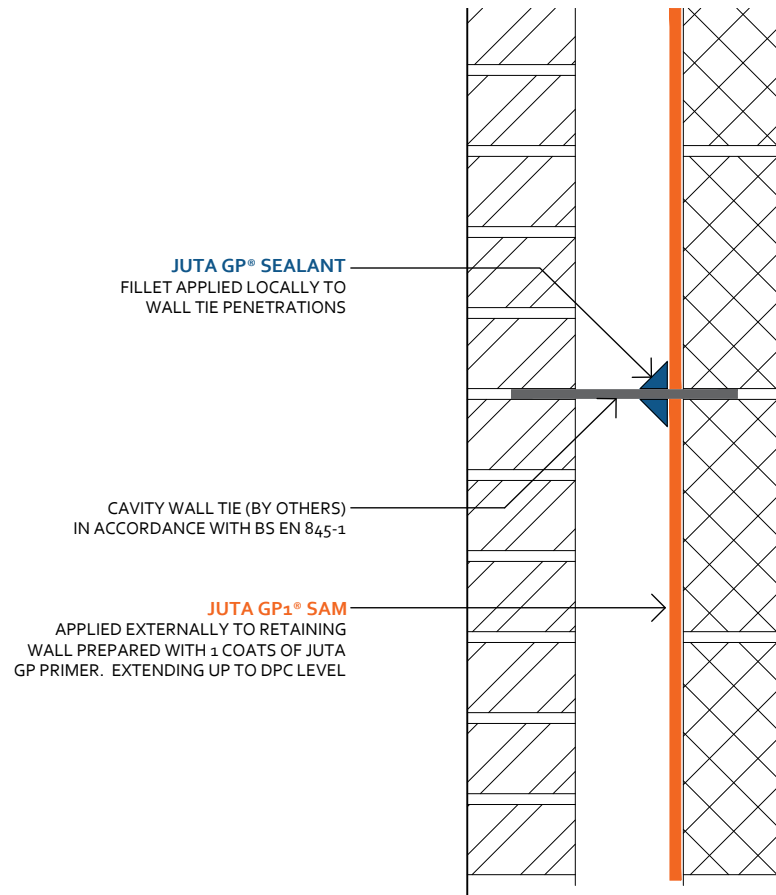
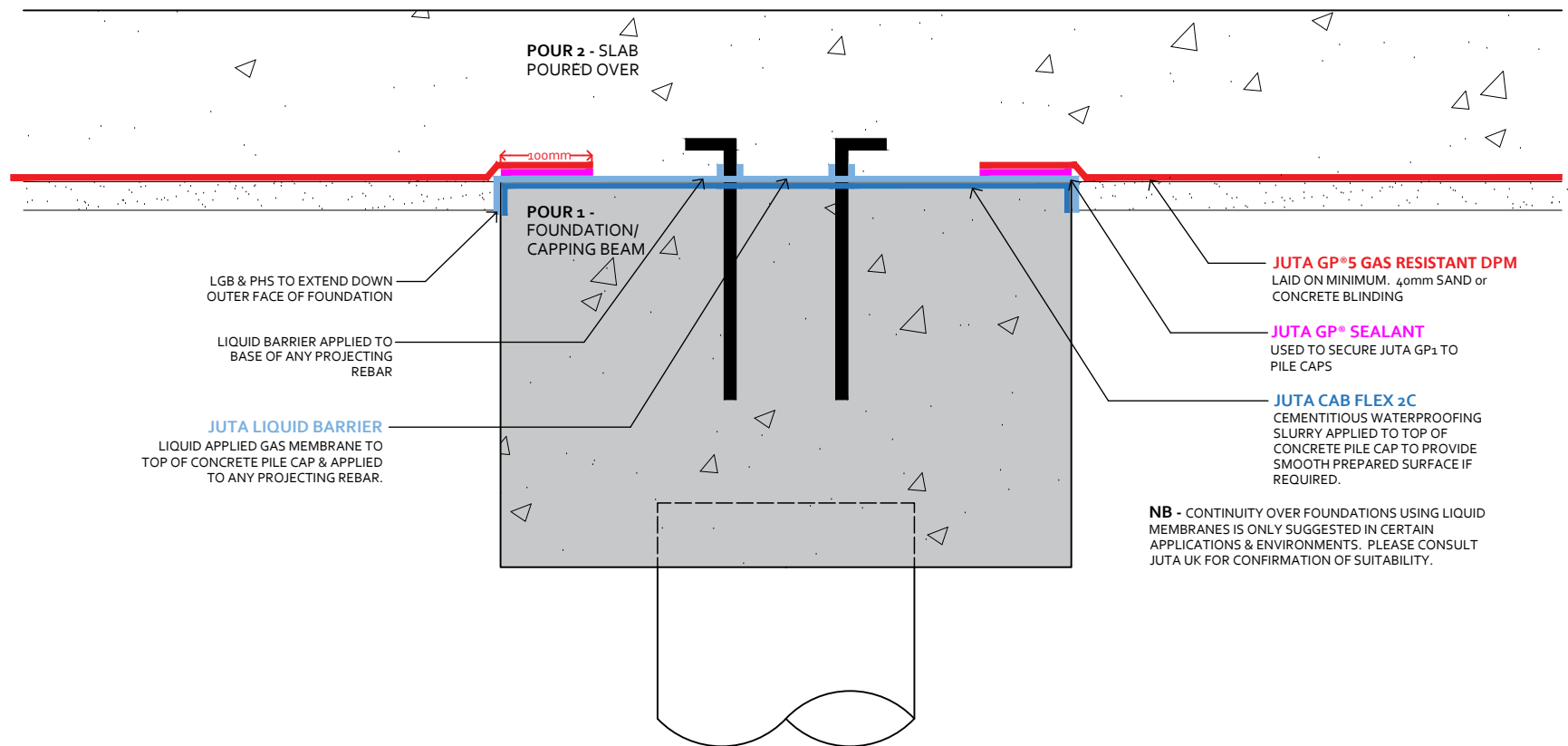




CLIENT	JUTA UK LTD
PROJECT	JUTA GP [®] SAM Typical Details
	

- NOTES
- Detail is generic to application so should be used as a guide not a specific installation detail.
 - JUTA suggest that waterproofing membranes including JUTA GP[®] SAM should be installed by suitably experienced persons. If unfamiliar with products and applications, please contact JUTA for Specialist Contractors Details.
 - JUTA GP[®] SAM can be applied to reinforced concrete, concrete blockwork and masonry. It can also be applied to various masonry wall systems (i.e. ICF or Stepoc.) but please contact JUTA or a specialist to confirm suitability of primers and adhesive on structure.
 - All surfaces must be prepared with 1 coats of JUTA GP Primer before application. Please refer to JUTA SAM Installation Guide for further information
 - All externally applied membrane should be protected from damage prior to backfilling. This can be achieved using standard protection boards or better still, JUTA PD1700 which is a protection and drainage sheet layer which additionally creates a void between the membrane and earth to reduce the change of hydrostatic pressure onto the structure and direct any groundwater to land drain locations.
 - All design decisions made by others that might have an impact on the gas and waterproof design performance should be brought to the attention of the design team and Juta UK Ltd. Final decisions and/or any recommendations should be approved by the design team and Juta UK Ltd.
 - Dimensions are not to be scaled from this drawing. All written measurements are to be checked on site by the contractor.
 - All rights described in chapter IV of the copyright, design and patents act 1988 have been generally asserted.

DRAWING TITLE			
JUTA GP[®] SAM CAVITY WALL TIE PENETRATION DETAIL			
DRAWING NUMBER			
JUTA.GP1-SAM.017			
DRAWN BY	CHECKED BY	SCALE	DATE
PD	PF	Not to Scale	Sep. 2020
		MELTON GROVE WORKS BLACKPOOL ROAD LYTHAM FY8 5PL Tel: 01772 754177	

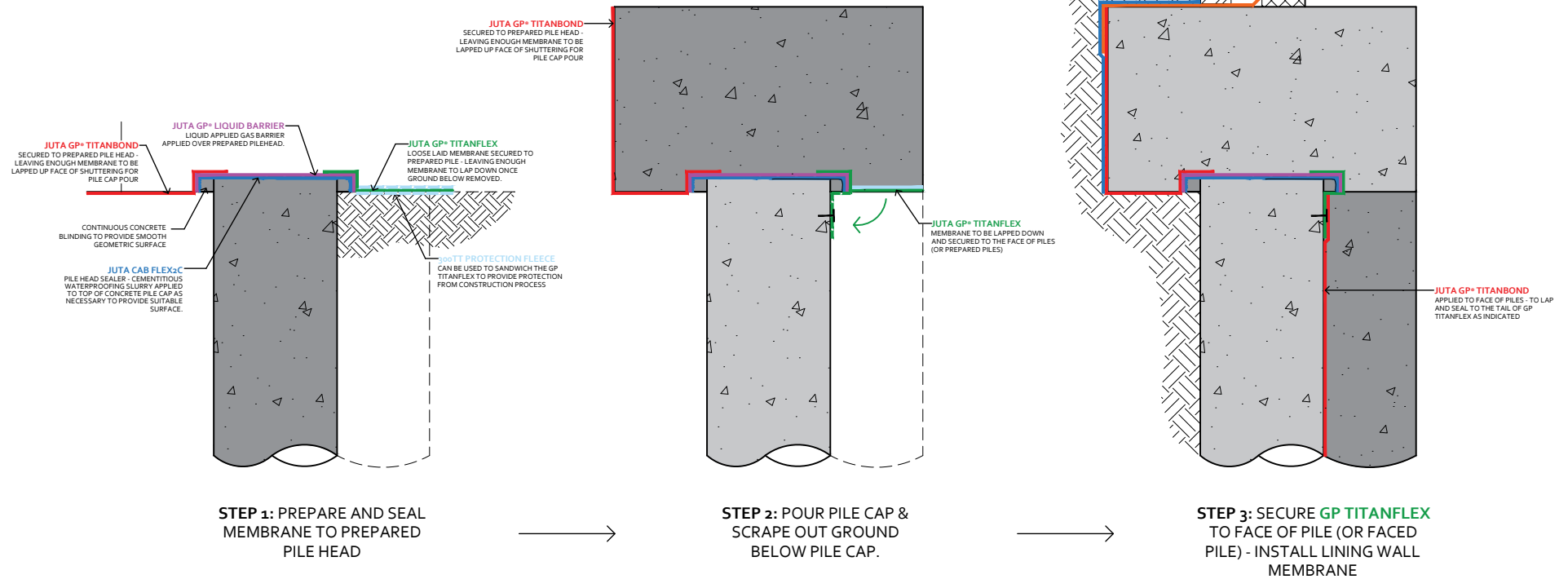


CLIENT	JUTA UK LTD
PROJECT	JUTA GP®5 GAS MEMBRANE STANDARD DETAILS
	JUTA UK MELTON GROVE WORKS BLACKPOOL ROAD LYTHAM FY8 5PL Tel: 01772 754177 E-mail: info@juta.co.uk

NOTES
- Detail is generic to application so should be used as a guide not a specific installation detail. - GP® 5 is a high performance gas resistant DPM, manufactured and certified to adhere to the requirements of BS8485: 2015 +A1: 2019 as a radon, carbon dioxide and methane barrier. - GP®5 provides radon protection, in accordance with Approved Doc C (UK) and Technical Guidance Document C (Ireland). - Jointing and sealing using tapes is acceptable where anticipated design service life does not exceed 25 years. - Jointing and sealing by hot air welding is recommended where the anticipated design service life is required to exceed 60 years. - The use of butyl and bitumen based tapes in environments where VOC and Hydrocarbons are a perceived risk should be avoided. A thermal/welded joint system should be adopted. - It should be noted that the suitability of the welded joint is defined by the joint integrity, as tested in accordance with CIRIA C735: 2014. This is most commonly tested by air lance integrity testing to ASTM D4437-08: 2013. If the joint passes this test it is deemed acceptable in the verification process. - In all cases it is recommended the installation of gas barrier geomembranes is completed by a suitably qualified and accredited installer (NVQ L2/TWI/CSWIP or equivalent). Juta UK can offer advice as to the suitable/recommended installers. - The gas protection system installation should be subject to third-party independent verification, in accordance with BS8485: 2015 +A1: 2019 and CIRIA C735: 2014. - All design decisions made by others that might have an impact on the gas and waterproof design performance should be brought to the attention of the design team and Juta UK Ltd. Final decisions and/or any recommendations should be approved by the design team and Juta UK Ltd. - Dimensions are not to be scaled from this drawing. All written measurements are to be checked on site by the contractor. - All rights described in chapter IV of the copyright, design and patents act 1988 have been generally asserted.

DRAWING TITLE	JUTA GP®5 GAS MEMBRANES PILE CAP - LIQUID APPLIED MEMBRANE OPTION		
DRAWING NUMBER	JUTA.GP5.043		
DRAWN BY	CHECKED BY	SCALE	DATE
PD	PF	Not to Scale	June. 2021
PROJECT REFERENCE			
A: STANDARD DETAIL ISSUE			

GAS/ VOC/ WATERPROOF MEMBRANE
GP®TITANBOND - STANDARD DETAIL



DRAWING TITLE				JUTA UK MELTON GROVE WORKS BLACKPOOL ROAD LYTHAM FY8 5PL Tel: 01772 754377 Email: info@juta.co.uk www: juta.co.uk	NOTES - Detail is generic to application so should not be used as a guide not a specific installation detail. - GP*TITANBOND is a TYPE A Waterproofing membrane, in accordance with BS8102:2009, suitable for Grade 1, 2 and 3 Basement constructions. - GP* TITANBOND is a proprietary gas and VOC resistant DPM, manufactured and certified to adhere to the requirements of BS8485: 2015+A1: 2019 and CIRIA C748: 2014 as a radon, carbon dioxide, methane and VOC barrier. - Joining and sealing using tapes is acceptable where anticipated design service life does not exceed 25 years. - Joining and sealing by hot air welding is recommended where the anticipated design service life is required to exceed 60 years. - The use of butyl and bitumen based tapes in environments where VOC and Hydrocarbons are a perceived risk should be avoided. A thermal/welded joint system should be adopted. - It should be noted that the suitability of the welded joint is defined by the joint integrity, as tested in accordance with CIRIA C735: 2014. This is most commonly tested by air lance integrity testing to ASTM D4437-08: 2013. If the joint passes this test it is deemed acceptable in the verification process. - In all cases it is recommended the installation of gas barrier geomembranes is completed by a suitably qualified and accredited installer (NVQ L2/TWI/CSWIP or equivalent). Juta UK can offer advice as to the suitable/recommended installers. - The gas protection system installation should be subject to third-party independent verification, in accordance with BS8485: 2015 +A1: 2019 and CIRIA C735: 2014. - All design decisions made by others that might have an impact on the gas and waterproof design performance should be brought to the attention of the design team and Juta UK Ltd. Final decisions and/or any recommendations should be approved by the design team and Juta UK Ltd. - Dimensions are not to be scaled from this drawing. All written measurements are to be checked on site by the contractor. - All rights described in chapter IV of the copyright, design and patents act 1988 have been generally asserted.
JUTA GP* TITANBOND PILED WALL HEAD - SEQUENCING DETAIL					
DRAWING NUMBER					
TD-JUTA.GPTB.073					
DRAWN BY	CHECKED BY	SCALE	ISSUE DATE		
PD	PF	NTS	03.2022		
 					