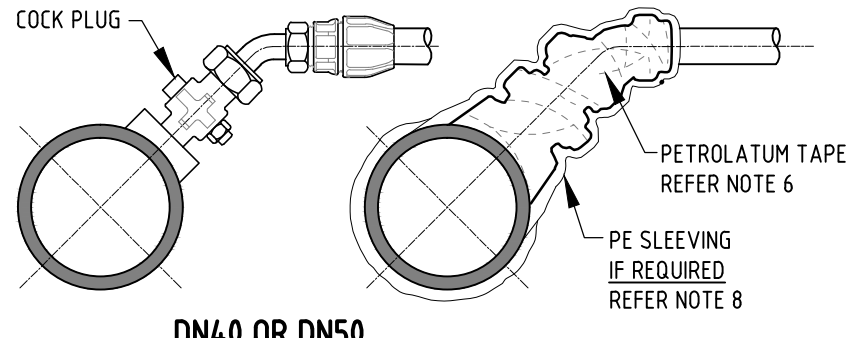
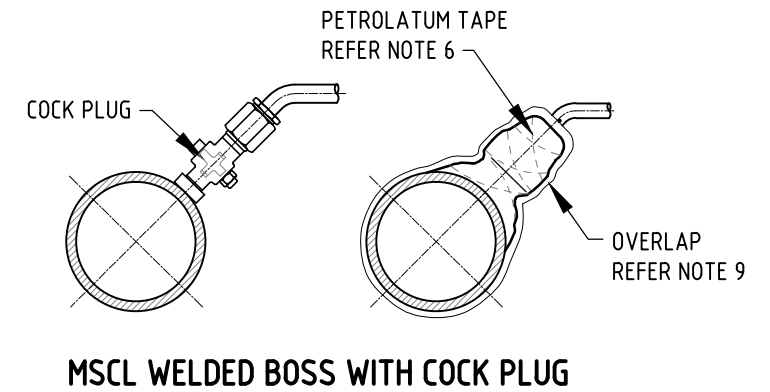


DN20 OR DN25

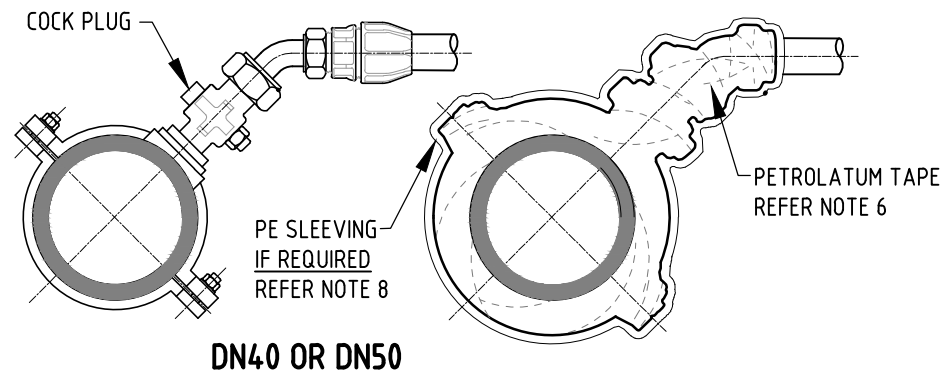
### PRETAPPED CONNECTORS



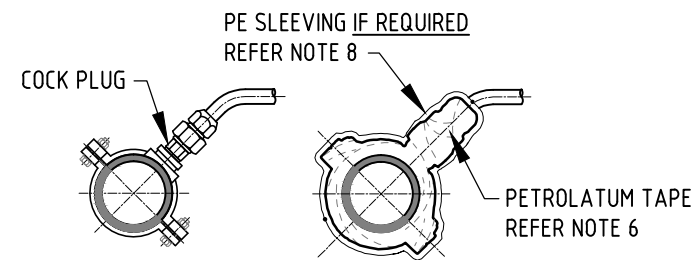
DN40 OR DN50



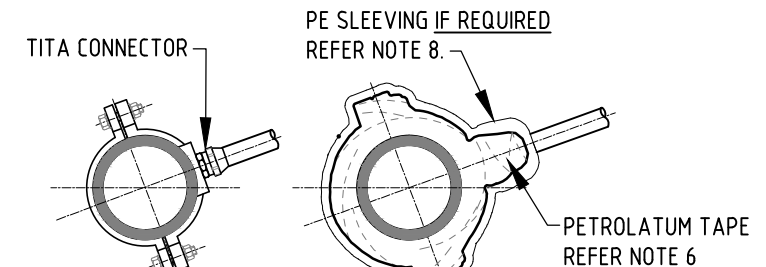
MSCL WELDED BOSS WITH COCK PLUG



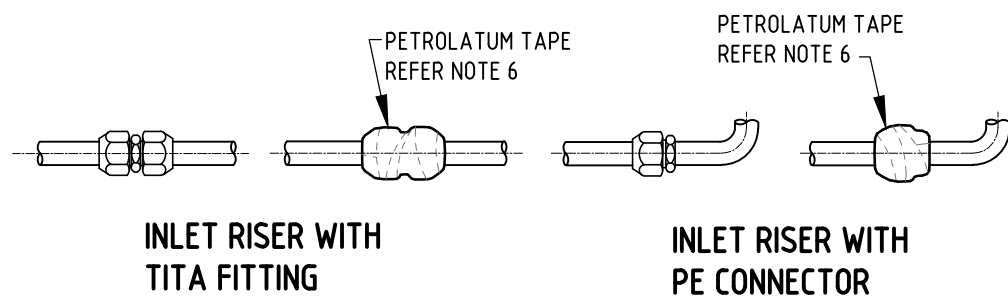
DN40 OR DN50



### COCK PLUG INSTALLATION TAPPING SADDLES



### TITA CONNECTOR INSTALLATION



INLET RISER WITH  
TITA FITTING

INLET RISER WITH  
PE CONNECTOR

### NOTES:

- REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- ALL BRASS & GUNMETAL FITTINGS SHALL BE PROTECTED IN ACCORDANCE WITH TS 18.
- FBE & STAINLESS STEEL FITTINGS DO NOT REQUIRE PROTECTIVE WRAPPING UNLESS DAMAGED. REFER NOTE 5 FOR CLARIFICATION OF DAMAGE.
- THE CONTRACTOR SHALL INSPECT ALL FBE & STAINLESS STEEL FITTINGS PRIOR THE INSTALLATION.
- IF DAMAGE IS DETECTED PROCEED USING THESE GUIDELINES:
  - EXTERNAL DAMAGE <25 x 25 mm - WRAP THE ITEM IN ACCORDANCE WITH TS 18 AND THIS DRAWING.
  - INTERNAL OR EXTERNAL DAMAGE >25 x 25 mm - REPLACE THE ITEM.
- THE PROCEDURE FOR WRAPPING ALL METALLIC TAPPING SADDLES AND ALL BRASS FITTINGS SHALL BE:
  - COAT WITH PETROLATUM PRIMER,
  - WRAP WITH 50 mm WIDE PETROLATUM TAPE,
  - IN ACCORDANCE WITH TS 18.
- POLYETHYLENE SLEEVING AROUND THE PETROLATUM TAPE IS NOT REQUIRED IF PIPE IS PVC, AC OR CICL.
- WHERE THE PIPE IS DICL, THE CONTINUITY OF THE POLYETHYLENE SLEEVING SHALL BE MAINTAINED BY:
  - CUTTING A PIECE OF POLYETHYLENE SLEEVING SUFFICIENTLY LONG AND WIDE TO PROVIDE MIN 150 OVERLAP (AT EACH END) TO THE SLEEVE PROTECTING THE PIPE.
  - APPLYING THE PETROLATUM TAPE SYSTEM AROUND THE SADDLE OR PRETAPPED CONNECTOR TAPPING AND FITTING.
  - FIT THE PREPARED PIECE OF SLEEVE AROUND THE PIPE AND FITTING AND SECURE BOTH ENDS TO THE PIPE SLEEVE WITH ADHESIVE TAPE.
- WHERE THE PIPE IS MSCL:
  - PRIOR TO WELDING, REMOVE THE PIPE COATING AROUND THE AREA WHERE BOSS IS TO BE LOCATED,
  - CLEAN THE PIPE COATING FOR THE FULL CIRCUMFERENCE 100 mm WIDE EACH SIDE OF THE BOSS,
  - FOLLOWING WELDING, COAT PIPE, BOSS AND BRASS FITTINGS WITH PETROLATUM PRIMER AND FILL GAPS WITH MASTIC,
  - WRAP PIPE, BOSS, COCK PLUG AND BRASS FITTINGS WITH 50 mm WIDE PETROLATUM TAPE,
  - APPLY OVERWRAP TAPE OVER THE PIPE AND FITTINGS.
- PETROLATUM PRODUCTS AND METHODS FOR APPLICATION OF THE TAPE SYSTEM SHALL BE IN ACCORDANCE WITH TS 18.

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS			A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV	DESIGNED:	AUTHORISED:	WATER SUPPLY CONSTRUCTION MANUAL			SHT SIZE	REVISION
						RJP	T.GALEK	CORROSION PROTECTION FOR				
						DRAWN: 16/11/15	SIGNATURE:	COPPER CONNECTIONS				
						MS						
						REVIEWED: 21/03/16						
						TG						
1	31/03/16	MS	2016 STANDARDS REVIEW	TG								


  
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TOTAL SHEETS:
   
 SUPERSEDES: H1, H2, H3, H5
   
 DRAWING NUMBER
   
**4005-30010-01**
  
 PREFIX NUMBER SHEET