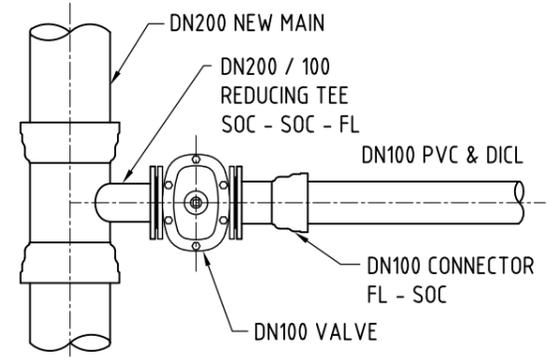
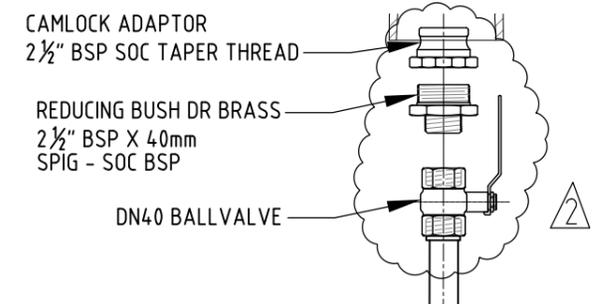


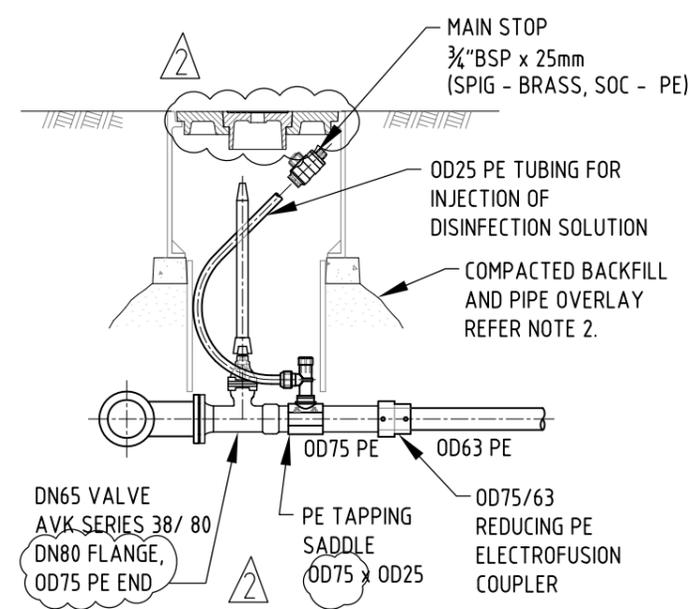
PLAN



PLAN



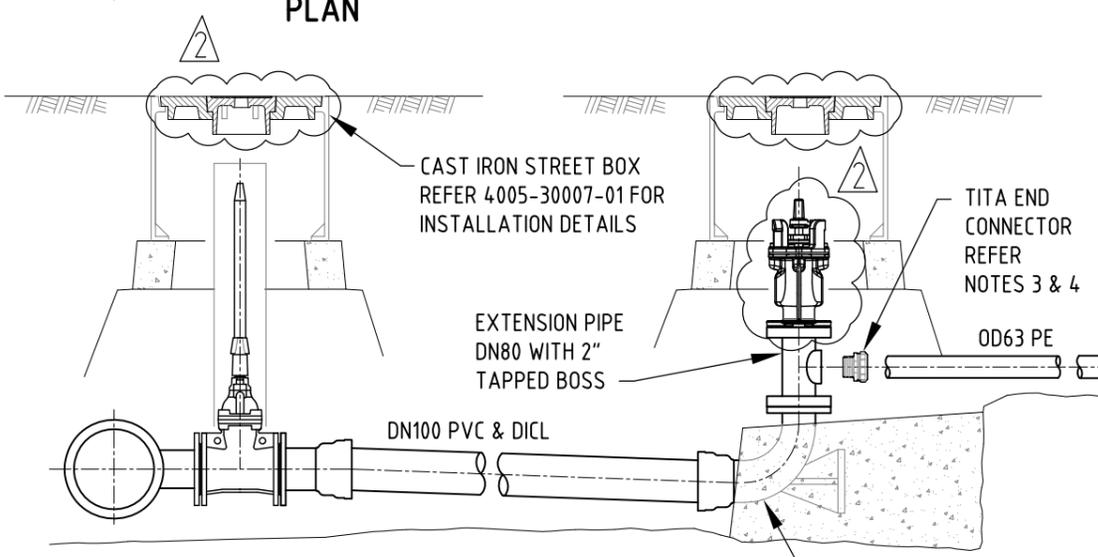
DETAIL 1



ELEVATION

**DN80 BRANCH OFFTAKE  
(REDUCING TO OD63 PE MAIN)**

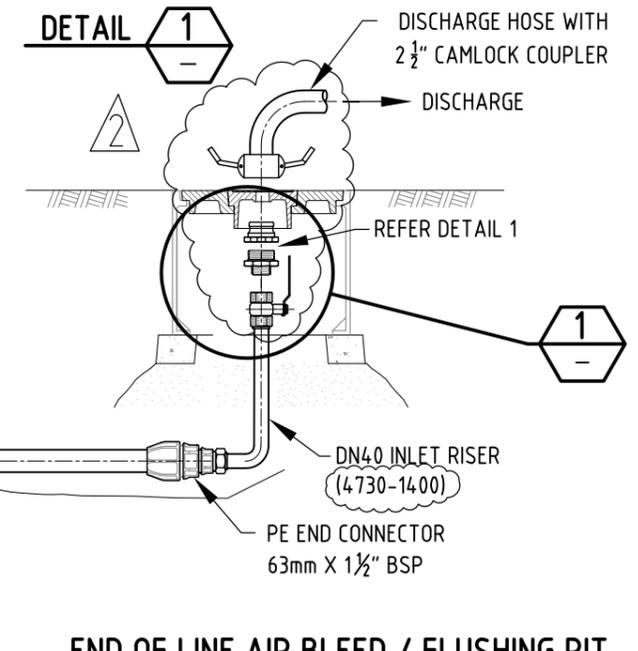
NOTE: REQUIRES AN ADJACENT FIRE HYDRANT



ELEVATION

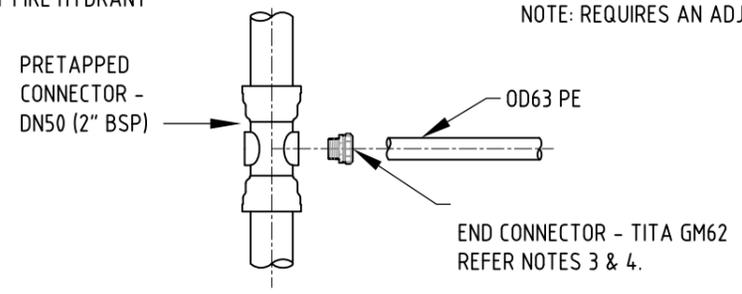
**DN100 BRANCH OFFTAKE  
FROM DN200 & LARGER MAINS.  
(REDUCING TO OD63 PE MAIN)**

NOTE: REQUIRES AN ADJACENT FIRE HYDRANT



**END OF LINE AIR BLEED / FLUSHING PIT**

PIPEWORK TO BE PLACED CENTRALLY IN STREET BOX CHAMBER



**DN100 OR DN150 BRANCH OFFTAKE  
UTILISING PRETAPPED CONNECTOR**

NOTE: REQUIRES AN ADJACENT FIRE HYDRANT

**NOTES:**

- REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- REFER 4005-30005-11 FOR OD63 WATER MAIN & WATER CONNECTIONS DETAIL.
- THE TITA BRASS END CONNECTOR SHALL BE BRASS FITTED WITH BLUE THIMBLE AND BLUE SEALING RING - PE100 PN16
- INSTALLATION OF THE TITA BRASS END CONNECTOR
  - CUT PE PIPE AND PLACE NUT AND BLUE SEALING RING ON PIPE
  - INSERT CORRECT THIMBLE INTO PIPE
  - FULLY HOME THIMBLE USING A PIECE OF WOOD OR A SOFT FACED Mallet
  - START NUT ON THREAD AND TIGHTEN WITH C-SPANNER OR SIMILAR. (DO NOT APPLY UNDUE FORCE AS PIPE WILL DISTORT).
  - AFTER 5 MINUTES RE-TIGHTEN NUT. (SEALING RING MAY EXTRUDE OUT BETWEEN PIPE & NUT. THIS IS ACCEPTABLE).
- MAXIMUM DISTANCE BETWEEN ANY ALLOTMENT AND NEAREST FIRE HYDRANT SHALL BE 80 m.
- MAXIMUM NUMBER OF WATER CONNECTIONS FROM A OD63 MAIN IS 10.

REVISION PANEL				
REV	DATE	DRN	DETAILS	APR
2	20/11/16	PC	AIR BLEED VALVE; DN50 VALVE; LID CHANGED	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG

DESIGN PANEL			
DESIGNED:	28/09/15	AUTHORISED:	31/03/16
RJP		T.GALEK	
DRAWN:	16/11/15	SIGNATURE:	
MS		ORIGINAL SIGNED	
REVIEWED:	21/03/16		
TG			

**SA WATER STANDARD DRAWINGS**  
**WATER SUPPLY CONSTRUCTION MANUAL**  
**NEW OD63 POLYETHYLENE (PE) MAIN**  
**BRANCH OFF PVC OR DICL PIPE**  
**INSTALLATION OPTIONS**

A3	2
SHT SIZE	REVISION
TOTAL SHEETS:	
SUPERSEDES: 96-0085-02 (C15)	
DRAWING NUMBER	
<b>4005-30005-12</b>	
PREFIX	NUMBER SHEET