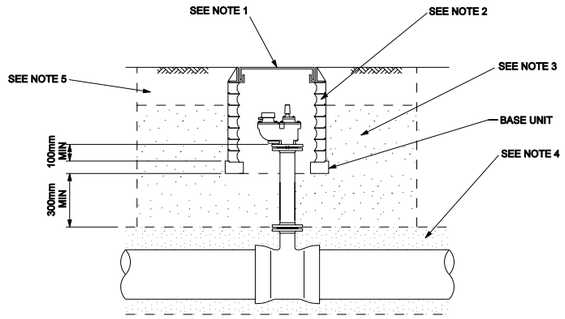
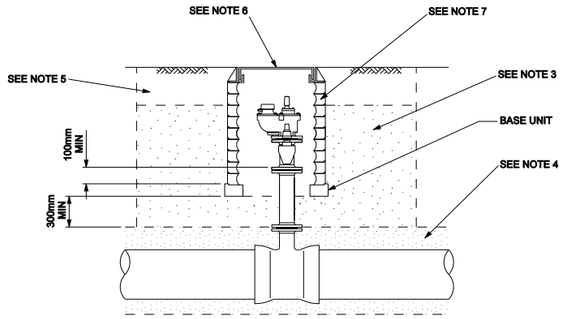
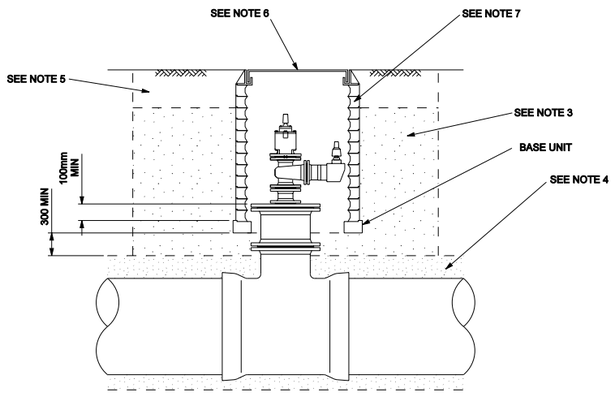


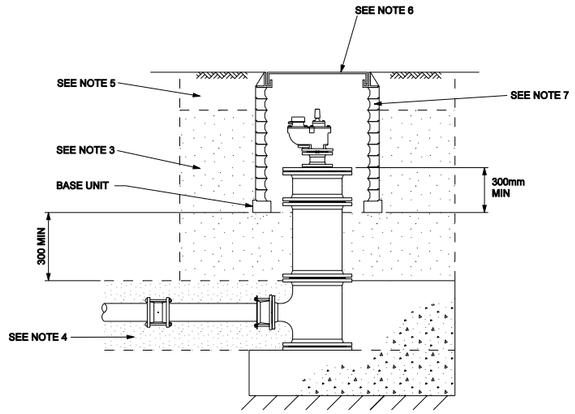
CHAMBER CONSTRUCTION FOR WASHOUT
≤ DN300



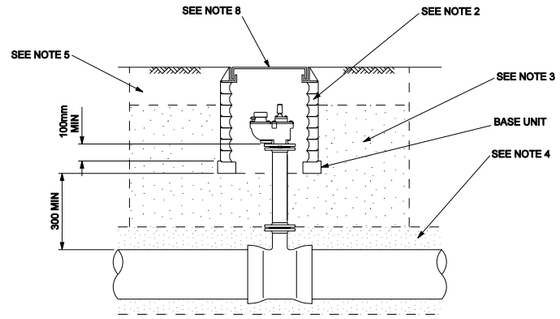
CHAMBER CONSTRUCTION FOR WASHOUT / DISINFECTION POINT
≤ DN300



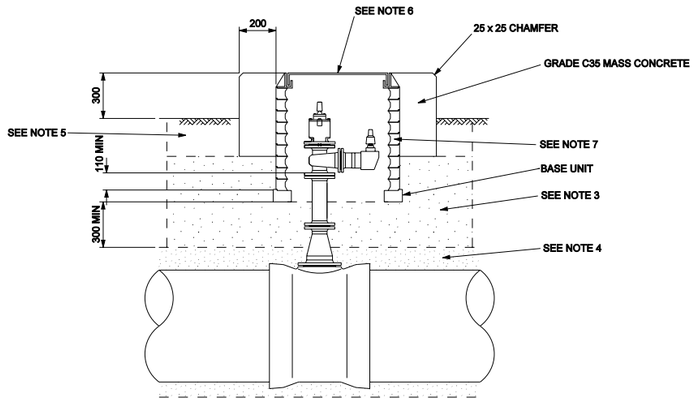
CHAMBER CONSTRUCTION FOR WASHOUT
DISINFECTION POINT
> DN300



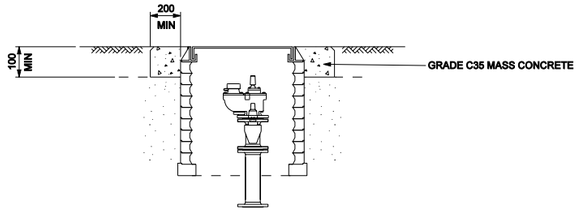
CHAMBER CONSTRUCTION FOR OFFLINE WASHOUT



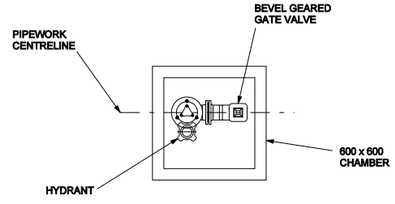
CHAMBER CONSTRUCTION FOR FIRE HYDRANT



CHAMBER CONSTRUCTION IN FIELD
SEE GUIDANCE NOTE C



CHAMBER CONSTRUCTION IN FIELD OR VERGE



PLAN ON CHAMBER SHOWING WASHOUT/GATE VALVE LAYOUT

NOTE: THIS DRAWING SHALL TO BE READ IN CONJUNCTION WITH DRAWING NOS AM-DRG-WN-02212 AND 02213

DO NOT SCALE - IF IN DOUBT ASK

NOTE

1. HEAVY DUTY DUCTILE IRON COVER AND FRAME 380 x 230 CLEAR OPENING BADGED THAMES WATER AND W. SEE DRAWING AM-DRG-WN-02252
2. 380 x 230 CLEAR OPENING RECYCLED POLYMER CHAMBER SECTIONS
3. TYPE 1 BACKFILL WELL COMPACTED MINIMUM THICKNESS BELOW CHAMBER 300
4. BED AND SURROUND TO PIPE MINIMUM 150 ABOVE PIPE REF DRG AM-DRG-WN-02220
5. REINSTATEMENT LAYER
6. DUCTILE IRON MANHOLE COVER AND FRAME 600 x 600 CLEAR OPENING WITH THAMES WATER LOGO. FOR FIELD, FOOTWAY OR VERGE USE B125 COVER AND ASSESS RISK OF EXCEEDING COVER LOADING. FOR ROADS USE D400 COVERS. SEE DRAWINGS AM-DRG-WN-02253 TO AM-DRG-WN-02255
7. 600 x 600 CLEAR OPENING RECYCLED POLYMER CHAMBER SECTIONS
8. YELLOW HEAVY DUTY DUCTILE IRON COVER AND FRAME 380 x 230 CLEAR OPENING WITH THAMES WATER LOGO AND BADGED FH. SEE DRAWING AM-DRG-WN-02252 MAINS > 300 600 x 600 COVER REQUIRED AND BEVELLED GEAR GATE VALVE SEE DRAWING AM-DRG-WN-02212.
9. FOR DETAILS OF PIPEWORK LAYOUT REF DRG AM-DRG-WN-02212 AND 02213.
10. THE SURFACE BOX SHALL BE POSITIONED SUCH THAT WHEN A KEY AND STAND PIPE ARE FITTED TO THE HYDRANT AND VALVE EQUAL CLEARANCES EXIST AROUND THE SIDES OF THE BOX

GUIDANCE NOTE

A. THIS DRAWING DETAILS BEST PRACTICE AND SHALL BE ADHERED TO WHERE EVER PRACTICABLE. DEROGATION OF THE CONTENT ON INTENT OF THIS DRAWING REQUIRES WRITTEN CONSENT FROM THE TECHNICAL LEAD.

B. FOR GUIDANCE ON PIPE MATERIAL SELECTION SEE TW WATER MAINS DESIGN STANDARD

C. IN FIELD, RAISED CHAMBER AND/OR FENCING MAY BE APPROPRIATE - LAND OWNER AGREEMENT REQUIRED.

D. CHAMBER STRUCTURAL DETAILS SHALL BE CHECKED FOR EACH APPLICATION

E. CHAMBER SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS

F. WHERE APPLICABLE ALL MATERIALS SHALL BE FROM THAMES WATER FRAMEWORK SUPPLIERS

G. EXTERNAL PROTECTION FOR BURIED FLANGED JOINTS, FLANGE ADAPTORS AND COUPLINGS SHALL BE TYPE P1 AS DEFINED IN CLAUSE 5.14 OF CESWI 7TH EDITION. THIS PROTECTION SHALL COVER THE FLANGE AND ALL NUTS, BOLTS AND THREADS.

1 m 0 1 m

SCALE 1 : 20

DATA OWNER	ASSET MANAGEMENT STANDARDS MANAGER
TECHNICAL LEAD (S)	MICHAEL BRIGHT
DOCUMENT AUTHOR	TECHNICAL INFORMATION
AUTHORISED BY	STANDARDS BOARD
DOCUMENT LOCATION	AM STANDARDS
DATE OF ISSUE	30/09/2013
REASON FOR ISSUE	CONVERSION AND REISSUE
REVIEW DATE	30/09/2015

Thames Water Utilities
ASSET MANAGEMENT
CLEAR WATER COURT
VASTERN ROAD, READING RG1 8DB

Location Code:	OS Reference:	Security Reference:	Drawn By:

Project Group: TECHNICAL STANDARDS
Sub Process:
Location / Town:
Site Name:
Project Name: STANDARD DRAWINGS - MANDATORY
Contract Name: WATER NETWORK
Drawing Title: CHAMBER DETAILS FOR WASHOUT, DISINFECTION POINT AND HYDRANTS

Drawing No.:	Scale:	Sheet Size:	Rev:
AM-DRG-WN-02211	1:20	A1	1.0