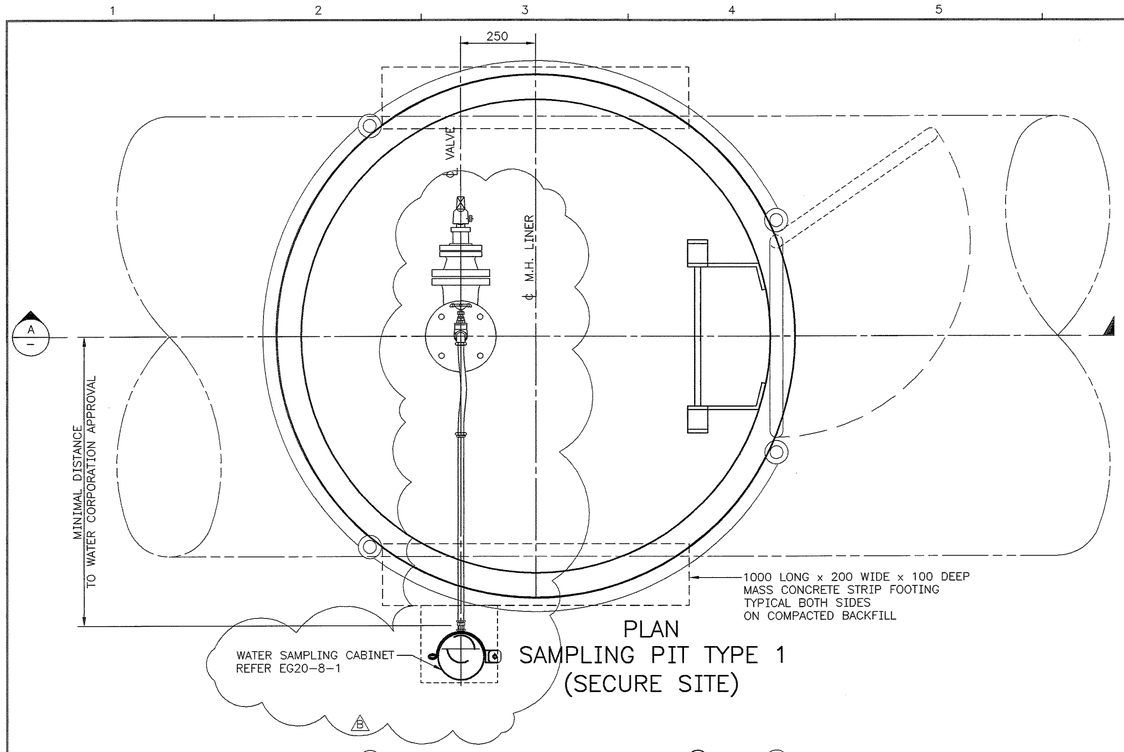
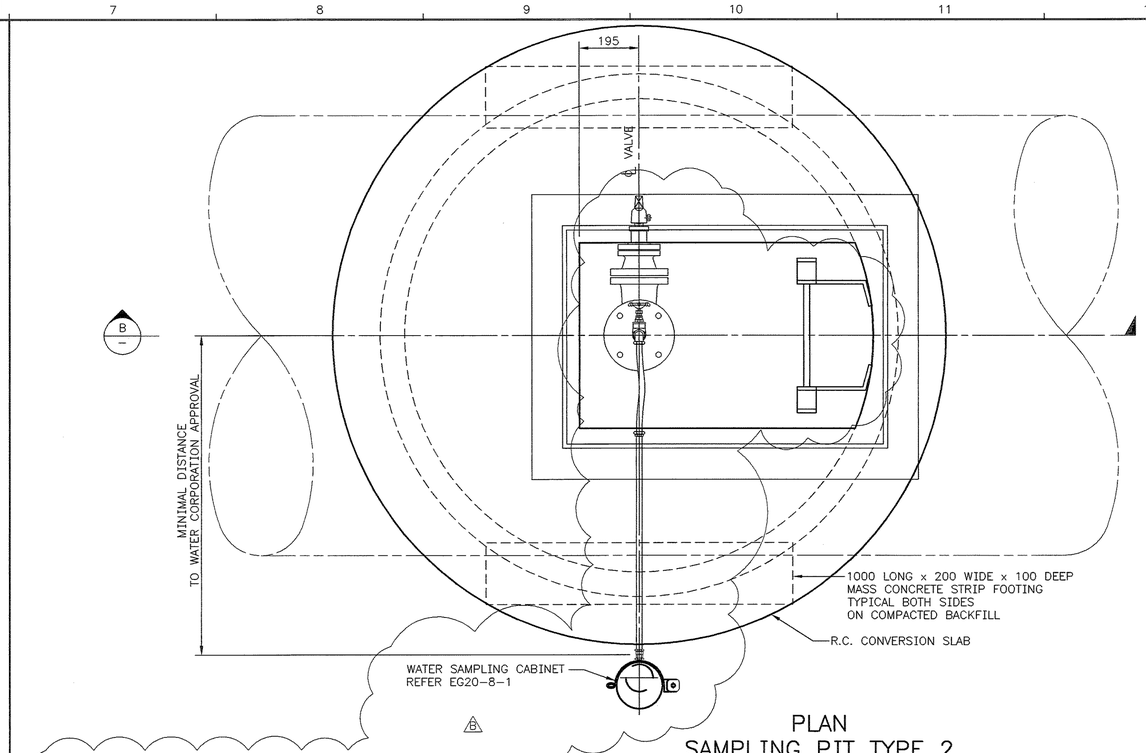


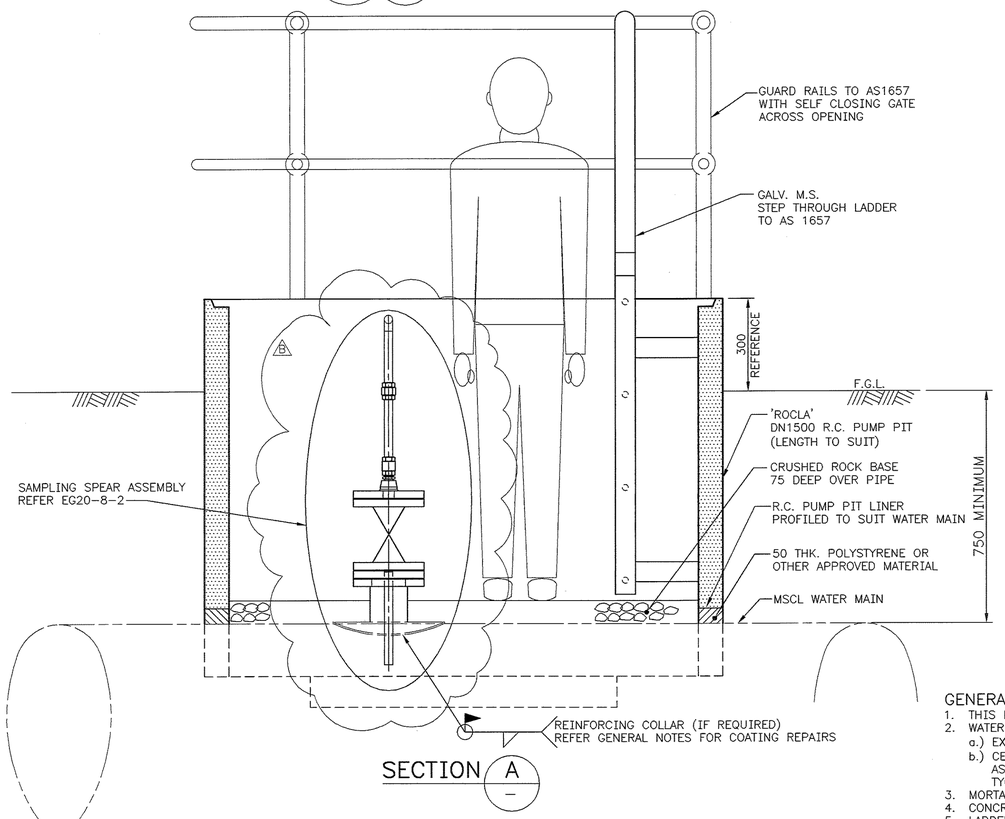
PLAN
SAMPLING PIT TYPE 1
(SECURE SITE)



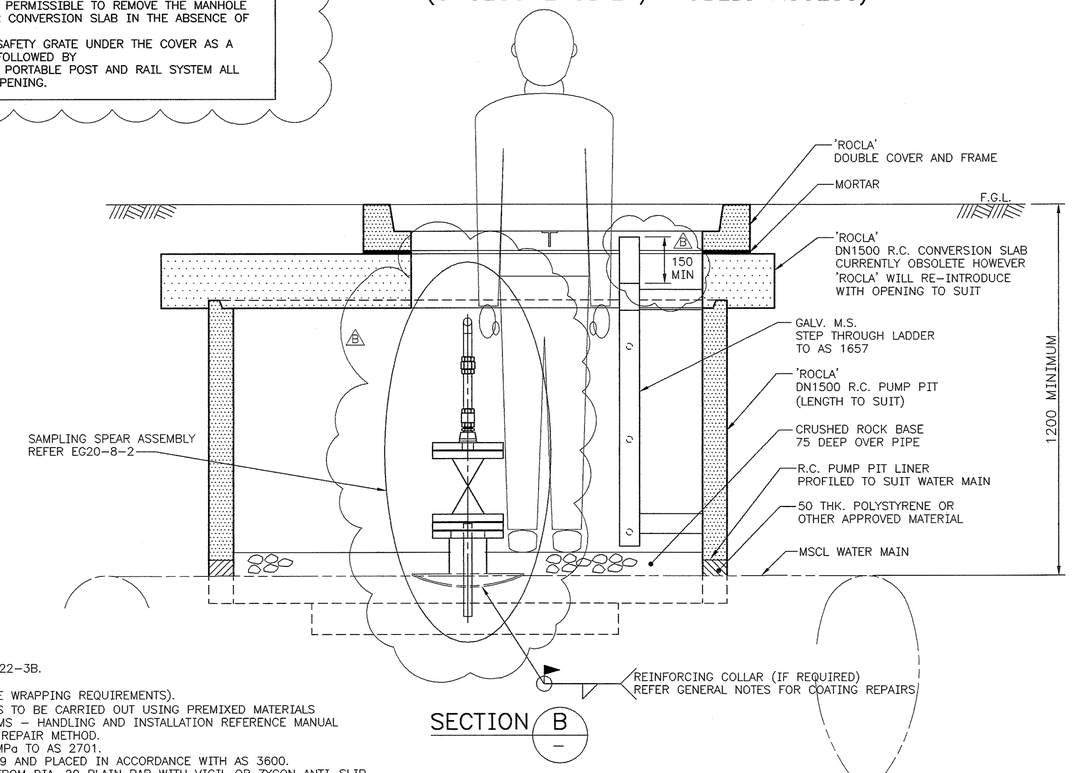
PLAN
SAMPLING PIT TYPE 2
(UNSECURE SITE / PUBLIC ACCESS)

NOTE:
IT SHALL NOT BE PERMISSIBLE TO REMOVE THE MANHOLE FRAME, COVER OR CONVERSION SLAB IN THE ABSENCE OF

A. A PORTABLE SAFETY GRATE UNDER THE COVER AS A FIRST STEP, FOLLOWED BY
B. A TEMPORARY PORTABLE POST AND RAIL SYSTEM ALL ROUND THE OPENING.



SECTION A



SECTION B

GENERAL NOTES:

1. THIS DRAWING WAS DERIVED FROM AND SUPERSEDES AY58-22-3B.
2. WATER MAIN AND MILD STEEL FITTING COATING REPAIRS:
   a.) EXTERNAL; APPLY TECHNICAL SPECIFICATION WR-1 (TAPE WRAPPING REQUIREMENTS).
   b.) CEMENT MORTAR LINING; FIELD JOINT REINSTATEMENT IS TO BE CARRIED OUT USING PREMIXED MATERIALS AS RECOMMENDED BY SINTAKOTE STEEL PIPELINE SYSTEMS - HANDLING AND INSTALLATION REFERENCE MANUAL TYCO WATER PROCEDURE B2 - CEMENT MORTAR LINING REPAIR METHOD.
3. MORTAR TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 11MPa TO AS 2701.
4. CONCRETE STRIP FOOTING SHALL BE GRADE N25 TO AS 1379 AND PLACED IN ACCORDANCE WITH AS 3600.
5. LADDER RUNGS SHALL BE M.S. GALVANISED MANUFACTURED FROM DIA. 20 PLAIN BAR WITH VIGIL OR ZYCON ANTI-SLIP RUNG COVERS (EQUALLY SPACED) AND COMPLY WITH AS 1657.
6. BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH WATER MAIN TRENCH REFILL REQUIREMENTS.
7. ~~ALTERNATIVE PROPRIETARY PRECAST CONCRETE ITEMS SHALL BE APPROVED BY THE WATER CORPORATION.~~
8. PITS ASSESSED AS NECESSARY SHALL BE FITTED WITH A DAVIT MOUNTING BASE FOR CONFINED SPACE ENTRY & RESCUE UTILISING A DAVIT & WINCH.

(1:10 AT A1)
100 50 0 100 200 300 400 500 600 700 mm

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
B	11/2008		REDRAWN TO NEW STANDARD. NOTES ADDED.	KLM	GG	JD

DESIGN SURVEY: NONE
VERTICAL DATUM: NONE
COORDINATE SYS: NONE
ASCON SURVEY: NONE
DES REF
DES CALC: M BOWMAN
DES CHD: P FINLAY
DRN: F RACCUIA
Q.C. CHD: P MIRCO
NORTH POINT

INFRASTRUCTURE DESIGN BRANCH

RECOMMENDED 06/06/2007
M BOWMAN (SIGNED)
SENIOR ENGINEER, W&D, C&S
APPROVED 06/06/2007
P FINLAY (SIGNED)
FOR PRINCIPAL ENGINEER, W&D, C&S

WATER CORPORATION

WATER SUPPLY DISTRIBUTION
STANDARD DRAWINGS
WATER SAMPLING POINTS - INSTALLATION
WATER MAIN BELOW GROUND

FILE JT1 2004 05121
PROJECT
PLAN EG20-8-3
CAD
ISSUE B
ORIGINAL SHEET SIZE A1
MF 27 NOV 2008

566
810

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