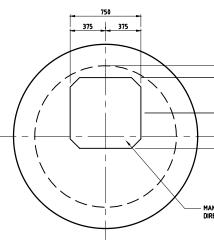
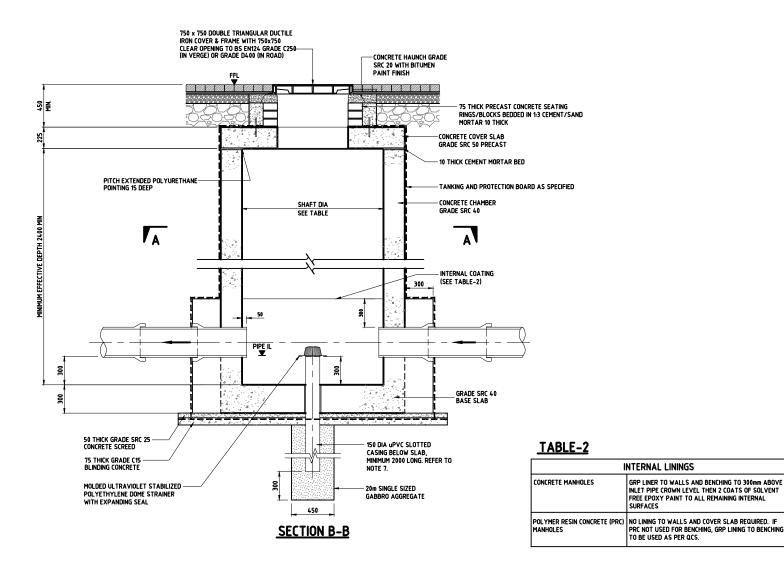
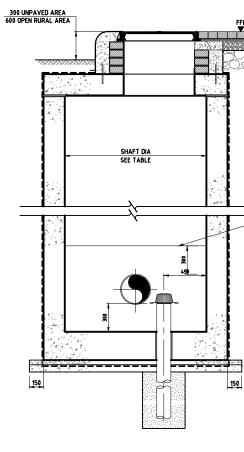


TABLE OF PIPE/CHAMBER SIZES						
PIPE DIAMETER	DEPTH TO INVERT	SHAFT INTERNAL DIAMETER				
200	UP TO MAX 2500	1200				
	OVER 2500	1500				
400 600	ALL	1500				
WHERE SPECIFI	1800					



PLAN AT ROOF LEVEL





SECTION C-C



MANHOLE ACCESS TO BE DIRECTLY OVER THE BOREHOLE





## NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
- 3. WHERE THERE IS A DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATION AND THOSE SHOWN ON THIS DRAWING THE SPECIFICATION TAKE PRECEDENCE.
- VARIATION TO STANDARD DETAILS ARE PERMITTED TO MEET
  SITE SPECIFIC REQUIREMENTS SUBJECT TO ENGINEER'S
  APPROVAL.
- 5. D.I. MANHOLE COVERS SHALL BE BADGED 'SURFACE WATER' IN ENGLISH AND ARABIC.
- 6. MINIMUM STRENGTH OF EPOXY MORTAR 30 N/MM<sup>2</sup>.
- 7. MAXIMUM DEPTH OF BOREHOLE TO BE APPROVED BY PWA AFTER SUBMISSION OF GEOTECHNICAL REPORTS FOR THE PROJECT. SEE QCS 2014 SECTION 6, PART 17,7.3 FOR DISSIPATION RATE INFORMATION.
- 8. SOAKAWAY MAY BE USED WHEN GEOTECHNICAL INVESTIGATIONS CONFIRM SUITABILITY OF GROUND CONDITIONS, INFILTRATION CALCULATIONS SHOULD BE SUBMITTED FOR APPROVAL.
- 9. SEE SD 8-4-103 FOR TANKING DETAILS.
- 10. SEE SD 8-4-106 FOR STRUCTURAL NOTES AND DETAILS. 11. PRECAST CONCRETE MANHOLE MAY BE USED AS AN ALTERNATIVE SEE SD 8-4-307 FOR TYPICAL DETAILS. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL BY THE ENGINEER.

## LEGEND:

FFL FINISHED FOOTWAY LEVEL IL INVERT LEVEL

4	APR 19	ISSUED FOR USE					
3	01 MAR 19	UPDATED ISSUE					
2	01MAY16	ISSUED FOR USE					
1	01DEC15	ISSUED FOR USE					
0	15SEP13	ISSUED FOR USE					
Rev.	Date	Revision Details		ils	Appd.		
هيئـة الأشغـال العامـة Public Works Authority							
P.O.Box: 22188 Tel.: 00974 44950000 Fax: 00974 44950999 PA PROJECTS AFFAIRS				قطر تستحق الأغضل Qatar Deserves The Best www.ashghal.gov.qa			
<sup>QCS Section:</sup> Section 6 - Road Works Part 17 - Road Drainage							
Drawing Title: BOREHOLE SOAKAWAY DETAILS							
Approve	d:		Sheet No:	1 OF 1			
Date:	APRIL 20	19	Scale:	N.T.S.			

SD 6-17-105

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