

Appendix G

UNIFORM PLUMBING CODE OF ABU DHABI:
AN ENVIRONMENTAL GUIDE FOR
WATER SUPPLY AND SANITATION**G 12.0 Drawings and Specifications.**

The Authority Having Jurisdiction, Health Officer, or other department having jurisdiction shall be permitted to require any or all of the following information before a permit is issued for a private sewage disposal system or at any time during the construction thereof.

- (A) Lot plan drawn to scale, completely dimensioned, showing direction and approximate slope of surface, location of all present or proposed retaining walls, drainage channels, water supply lines or wells, paved areas and structures on the lot, number of bedrooms or plumbing fixtures in each structure, and location of the private sewage disposal system with relation to lot lines and structures.
- (B) Details of construction necessary to ensure compliance with the requirements of this appendix together with a full description of the complete installation including quality, kind, and grade of all materials, equipment, construction, workmanship, and methods of assembly and installation.

- (C) A log of soil formations and groundwater levels as determined by test holes dug in close proximity to any proposed seepage pit or disposal field, together with a statement of water absorption characteristics of the soil at the proposed site, as determined by approved percolation tests.

TABLE G-3
Location of Sewage Disposal System

Minimum Horizontal Distance In Clear Required From:	Building Sewer	Septic Tank	Disposal Field	Seepage Pit or Cesspool
	m	m	m	m
Buildings or structures ¹	0.6	1.5	24.0	24.0
Property line adjoining private property	clear ²	1.5	1.5	24.0
Water supply wells	15.0 ³	15.0	30.0	46.0
Streams and other bodies of water	15.0	15.0	30.0	46.0
Trees	—	3.0	—	3.0
Seepage pits or cesspools	—	1.5	1.5	3.6
Disposal field	—	1.5	1.2 ⁴	1.5
On-site domestic water service line	0.3 ⁵	1.5	1.5	1.5
Distribution box	—	—	1.5	1.5
Pressure public water main	3.0 ⁶	3.0	3.0	3.0

Note:

When disposal fields and/or seepage pits are installed in sloping ground, the horizontal distance between any part of the leaching system and ground surface shall be not less than 4.6m (15 ft.).

¹ Including porches and steps, whether covered or uncovered, breezeways, roofed porte cocheres, roofed patios, carports, covered walks, covered driveways, and similar structures or appurtenances.

² See also Section 315.1 of the UPC-AD.

³ All drainage piping shall clear domestic water supply wells by not less than 15m (50 ft.). This distance may be reduced to not less than 7.6m (25 ft.) when the drainage piping is constructed of materials approved for use within a building.

⁴ Plus 60cm (2 ft.) for each additional 30cm (1 ft.) of depth exceeding 30cm (1 ft.) below the bottom of the drain line. (See also Section K 6.0.)

⁵ See Section 720.0 of the UPC-AD.

⁶ For parallel construction – For crossings, approval by the Health Department shall be required.

⁷ These minimum clear horizontal distances shall also apply between disposal fields, seepage pits, and the mean high-tide line.

SI: 1m = 3.3 ft.