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| (1) BACK FILL | (7) R.C. RETAINING WALL |
| (2) BLINDING CONCRETE | (8) MBM VERTICAL WATERPROOFING |
| (3) MBM WATERPROOFING | (9) PROTECTION BOARD |
| (4) MBM WATERPROOFING | (10) BACK FILL |
| (5) SEPARATION LAYER
150 MICRONS | (11) PVC EXTERNAL WATER STOP |
| (6) SCREED | |
| (7) RC RAFT FOUNDATION | |

NOTES :

- 1- HORIZONTAL MEMBRANE MUST EXTEND 200 MM MIN. BEYOND PERIMETER WALL EDGES, WITH SPECIAL DOUBLE PROTECTION FOR THE EXTENSION AREAS, TO ACHIEVE CONTINUITY OF TANKING SYSTEM
- 2- SIDE LAPS OF VERTICAL MEMBRANE SHOULD BE STAGGERED WITH SIDE LAPS OF HORIZONTAL MEMBRANE
- 3- IF VERTICAL MEMBRANE IS APPLIED IN TWO STAGES, FIRST STAGE TOP EDGES MUST BE TEMPORARILY SECURED TO WALL WITH WOOD BATTENS & NAILS, WHEN PROCEEDING WORK 150 MM MIN. LAP WILL BE MADE IN ADDITION TO STAGGERING SIDE LAPS OF TWO STAGES
- 4- VERTICAL MEMBRANE SHALL BE TERMINATED MIN. 150 MM ABOVE ZERO LEVEL.

(USE "SYSTEM REFERENCE" TO OBTAIN RELEVANT DETAILS FROM "STANDARD CONSTRUCTION DETAILS" SECTION)

	Application	WATERPROOFING APPLICATIONS	UB10
		UNDERGROUND STRUCTURE	
		BASEMENTS	
Conditions	SITES WITH FREE SPACE AT BOUNDARIES	REFERENCE:	
System	MBM WATERPROOFING TANKING SYSTEM	BNTS/03/UB10	
	50, Al Khalifa Al Maamoun St., Roxy, Heliopolis, Cairo - Egypt. TEL.: 202 451 1194 - 202 451 1195 FAX: 202 451 1198	E-mail: bitunil@bitunil.com Web Site: www.bitunil.com	DATE: NOVEMBER 2014