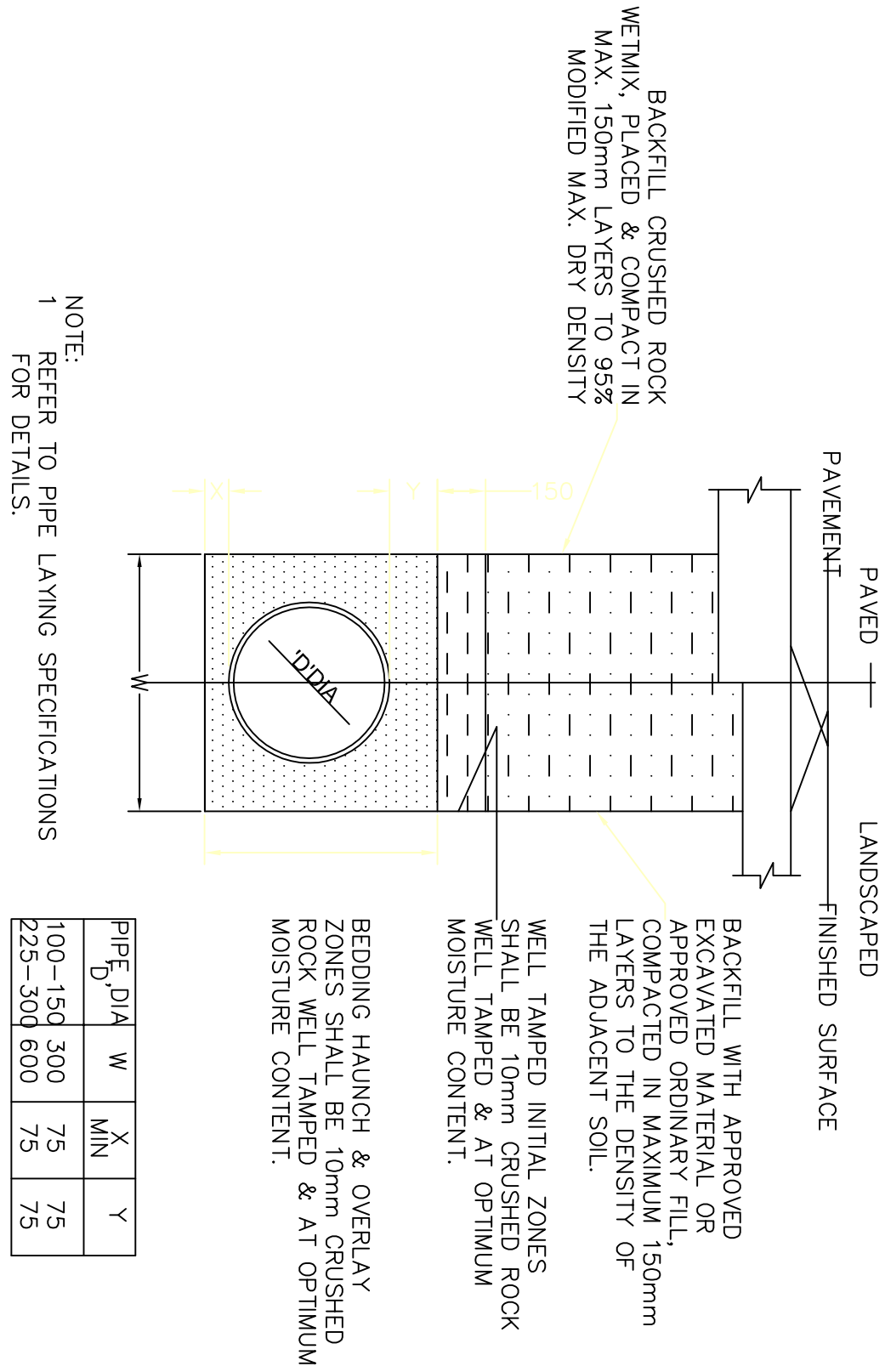
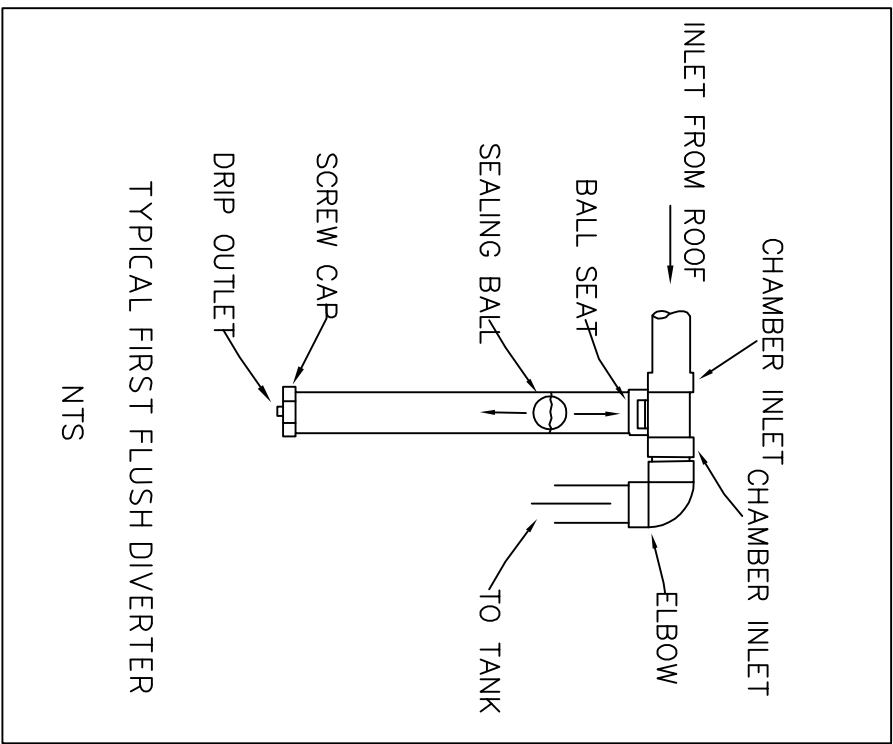


DIAGRAMMATIC DETAIL OF RAINWATER TANK

NOT TO SCALE



TYPICAL PIPE LAYING
DETAIL

1:20

- RAINWATER TANK NOTES:**
1. STORMWATER LINES FROM ROOF AREAS TO RAINWATER TANK
 2. ALL EXPOSED PIPEWORK TO BE PAINTED TO WITHSTAND EXTERNAL ELEMENTS
 3. FIRST FLUSH WATER DIVERTER AT TANK OR AT INDIVIDUAL DOWNPipes TO BE INSTALLED
 4. AN APPROVED TOP UP SYSTEM TO BE USED VIA MAINS
 5. PUMPS TO MANUFACTURES SPECIFICATIONS
 6. RAINWATER TANK TO BE TO MANUFACTURES SPECIFICATIONS AND TO COMPLY WITH ALL STONEY WATER GUIDELINES.
 7. RAINWATER TANKS WITH PUMPS TO SUPPLY GARDEN TAPS AND INTERNAL RE-USE AS PER BASIC ASSESSMENT
 8. PROVIDE DOWNPipe GUARDS TO ALL DOWNPipes
 9. PROVIDE ONE CLEANING EYE TO ALL CHARGED PIPELINES FOR MAINTENANCE AS PER DETAIL.

RAINWATER RE-USE SYSTEM NOTES:

1. RAINWATER SUPPLY PLUMBING TO BE CONNECTED AS REQUIRED BY THE BASIC CERTIFICATE.
2. TOWNWATER CONNECTION TO RAINWATER TANKS TO BE TO THE SATISFACTION OF STONEY WATER. THIS MAY REQUIRE PROVISION OF:
 - a. PERMANENT AIR GAP
 - b. A BACKFLOW PREVENTION DEVICE
 - c. NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAINWATER SUPPLY
 - d. AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANKS.
3. PROVIDE AT LEAST ONE (1) EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING PURPOSES
4. PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP ZONE INDICATED ON THE TYPICAL DETAIL
5. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH ASS5000.1 NATIONAL PLUMBING AND DRAINAGE CODE.
6. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN.
7. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANKS. SURFACE WATER INLETS ARE NOT TO BE CONNECTED.
8. PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO ASS5000 PART 1, SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED "RAINWATER". THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE (MADE IN ACCORDANCE WITH AS2648) OR FOR ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS (MADE IN ACCORDANCE WITH AS1345).
9. EVERY RAINWATER SUPPLY OUTLET POINT AND RAINWATER TANK ARE TO BE LABELED "RAINWATER" ON A METALLIC SIGN IN ACCORDANCE WITH AS1319.
10. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY.

ISSUE		REVISIONS	
A		DATE	ISSUE
	16-12-17	A	ISSUE FOR DA APPROVAL
	TITLE		
	DRAINAGE PLAN		
PIPE SCHEDULE		SCALE:	AS NOTED
PIT DETAIL		ISSUED FOR DA APPROVAL	
LEGENDS		JOB No:	084/17
		SHEET	2 OF 2