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**2020 - SECTION 66**  
**SERVICE DISCONNECTIONS****66.1 GENERAL**

In order to demolish a building, the municipality requires a Demolition Permit. The applicant shall submit the municipalities Demolition Permit form to Aquatera for signature. All Aquatera requirements within this Section must be fulfilled prior to Aquatera signing the municipalities Demolition Permit. All correspondence in regards to service disconnections shall be submitted in writing through the following email: [connections@aquatera.ca](mailto:connections@aquatera.ca) and in conjunction with our website application process.

**66.1.1 PURPOSE**

Service disconnection is required prior to any demolition to protect the contractor, the owner and the existing infrastructure system from any unexpected damages/service interruptions and emergency repairs that may arise from demolition or other actions during constructions. No demolition shall occur prior to service disconnection at the property line.

**66.1.2 DEMOLITION PERMITS**

When a Municipality requires a demolition permit for any demolition within Aquatera's service area, the applicant shall submit the demolition permit to Aquatera prior to demolition start up. Aquatera Engineering and the Account Services department will sign the demolition permit once all conditions have been fulfilled.

**66.1.3 SERVICE DISCONNECTION APPLICATION**

Aquatera requires a Service Disconnection Application for any demolition within the Aquatera's service area. The applicant shall submit a completed Service Disconnection Application to Aquatera prior to the start of demolition. The application can be accessed on our website link below:

<https://www.aquatera.ca/services/engineering/service-connections-disconnections2>

Once Aquatera has received a completed Service Disconnection Application, Aquatera Account services will schedule the water shut off and meter removal at the property. Then the owner shall schedule service disconnection at the property line with a private contractor to terminate the service as per our applicable conditions and details in section 66.

Based on the information provided for the entire disconnection request, the Aquatera Engineering Manager shall make the decision whether a permanent or temporary service disconnection is required. When a temporary disconnection is allowed, if at any

date the Aquatera Engineering Manager deems it necessary to change the temporary disconnection to a permanent disconnection, the charge to complete the change will be levied against the property at that time.

## **66.2 TEMPORARY SERVICE DISCONNECTION**

The submission of Service Disconnection Application triggers Aquatera Account Service department to schedule the water shut off and meter removal at the property. Once the water is off and meter is removed, the Aquatera Account Service department will sign the Demolition Permit and submit the permit to Aquatera Engineering to sign once the remaining conditions have been completed.

Temporary service disconnection is allowed if the property has the possibility of future development requiring water or water/sanitary sewer services. The applicant shall hire a private contractor to commence the temporary service disconnection at property line. The contractor/applicant shall provide notification to Aquatera, a minimum of 24 hours prior to disconnection to schedule a site inspection, to show the exposed services at property line and the disconnection of services according to Section 66. Aquatera Engineering must witness the disconnection to record existing pipe sizes, materials, locations and elevations for future reference. Disconnections shall be in accordance with detail 66-01 & 66-02.

For temporary service disconnection, the water or water/sanitary services at property line must be disconnected and capped/crimped prior to Aquatera Engineering signing the municipal Demo Permit.

### **66.2.1 LOCATES**

The water service valve (Curb Stop, Curb Cock referred to as the CC) is usually located at property line at the same elevation of the surface/landscaping. In some cases, the capped sanitary clean out pipe will be located near-by and stick out of the ground a few feet above the surface (see details in this section). The water service line/pipe and sanitary service line/pipe are usually located in common trench several meters below surface. The contractor hired by property owner/applicant shall contact Aquatera Distribution & Collection (DC) to locate the CC valve if it cannot be found.

### **66.2.2 RESIDENTIAL – (water services smaller than 75mm)**

The water service shall be required to be cut, crimped watertight or plugged/capped within a 1 meter of the property line. The existing water CC, cap, rod and box shall be left in place and in operational condition. The water CC cap shall be painted blue. Additionally a blue marker post may be added for future locating, 500mm from the CC to allow for valve operation.

The sanitary sewer service shall be cut past the water service CC, and a 90 degree long sweep bend and a CCTV service riser pipe shall be installed extending vertically,

ending just below the surface. The CCTV riser shall be within a maximum of 300mm from the CC. The CCTV service riser shall be capped with a female type fitting and a Type A valve box top housing shall be installed over top with a sewer lid. The Type A valve box top housing shall be installed level with surface landscaping, as shown in the Typical Detail Drawings (66-01). The sewer lid shall be painted green. Additionally, a green maker post may be added within 300mm for future locating.

### 66.2.3 COMMERCIAL/INDUSTRIAL – (water services greater than 75mm)

The water service on private property, shall be required to be cut and plugged/capped within a meter of the property line. The valve/CC shall be left in operational condition. If the service line is 75mm or larger, a 50mm blow off & CC complete with ready rod, shall be installed so the service line can be flushed and tested for future development. The 50mm blow off & CC shall be installed just past property line on private property and shall be fastened to a marker post see Detail Drawings (66-02). The marker post shall be painted blue and be located 500mm from the valve to allow for valve operation.

The sanitary sewer service shall be cut past the water service CC (unless there is a private manhole on site) and a 90 degree long sweep bend and a 100mm CCTV service riser pipe shall be installed extending vertically, ending just below the surface. The CCTV riser shall be within a maximum of 300mm from the CC. The CCTV service riser shall be capped with a female type fitting and a Type A valve box top housing shall be installed over top with a sewer lid. The Type A valve box top housing shall be installed level with surface landscaping, see Detail Drawings (66-02). The sewer lid shall be painted green. Additionally, a green maker post may be added within a few feet for future locating. If a private manhole exists, instead of a riser a plug shall be inserted into the outlet pipe of the manhole.

If easements exist locations of service terminations to be determined with Aquatera engineering.

## 66.3 **PERMANENT SERVICE DISCONNECTION**

Permanent service disconnection is required if the lot has no possibility of future development requiring a water or water/sanitary service. Based on the provided information, Aquatera Engineering Manager shall make the decision if a permanent or temporary service disconnection is required.

For permanent service disconnection, water or water/sanitary services shall be disconnected at the mains prior to demolition of the building. Aquatera has the first right of refusal to perform permanent service disconnection. Aquatera may allow pre-approved contractors to perform permanent service disconnection on our infrastructure on public property.

Aquatera will create a quote for permanent service disconnection and forward to the

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applicant for pre-payment. Locates will be scheduled once the payment is received. Aquatera will confirm disconnection dates with the applicant once locates have been completed. No work will be scheduled prior to pre-payment of the quote.

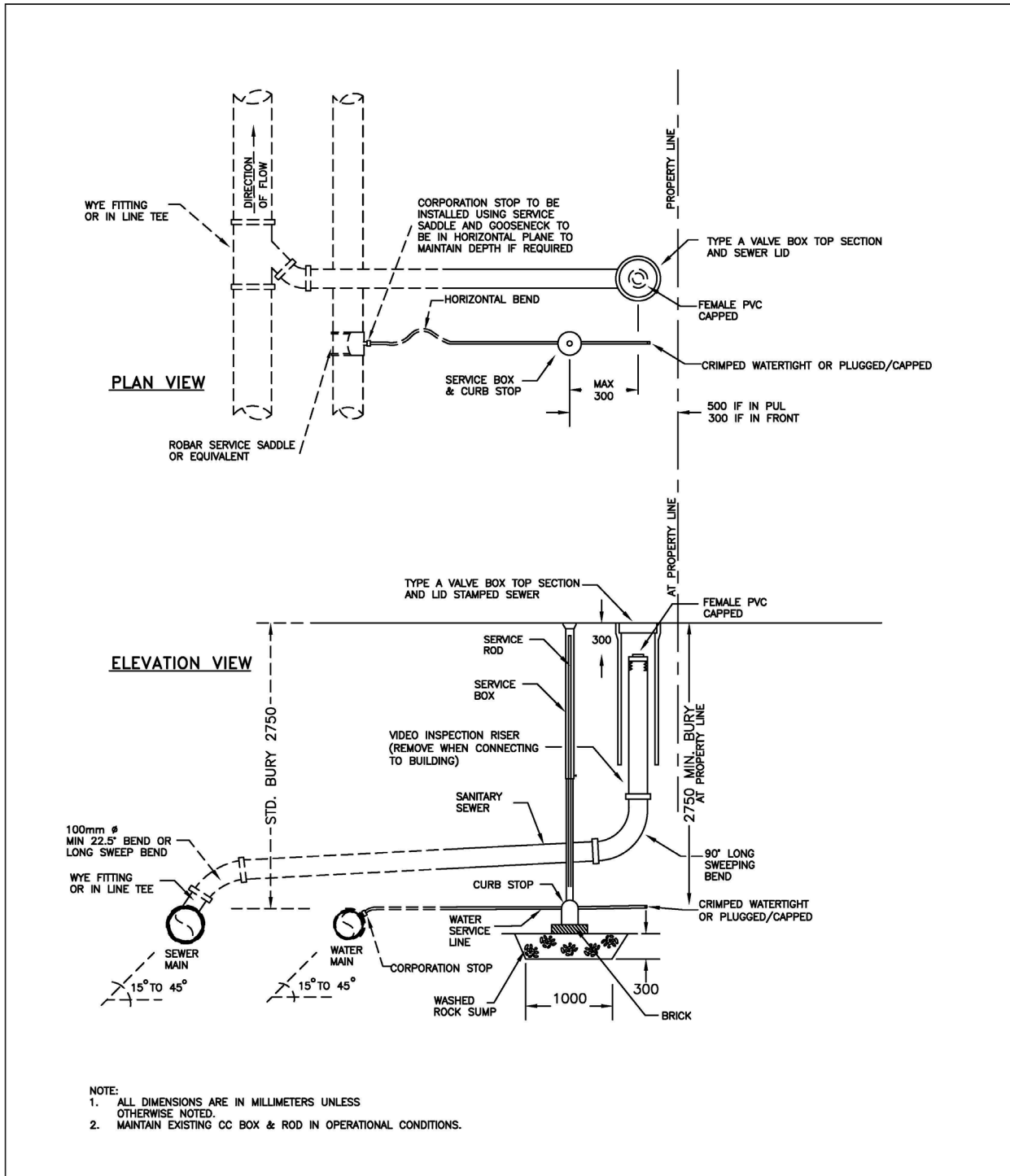
After permanent service disconnection at the main is completed, Aquatera Engineering will sign the Demolition Permit.

#### **66.4 REQUIREMENTS FOR EXISTING 1/2" WATER SERVICE**

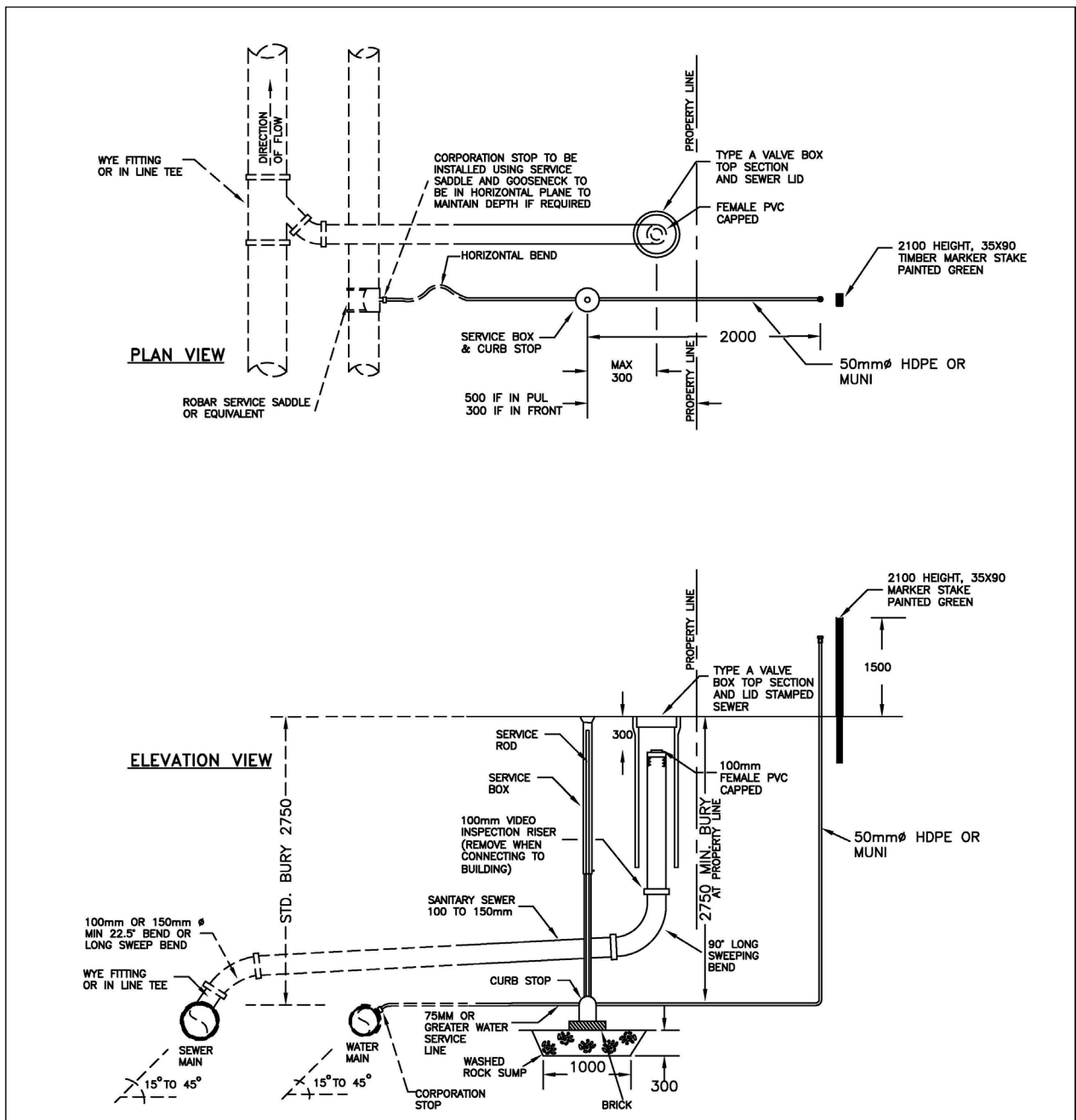
During property line disconnection, if the water service line is verified as 1/2", the property owner shall upsize the service to a minimum of 3/4" to meet the national plumbing code of Canada requirements at the time of re-development & prior to meter installation.

There is no Infrastructure Charge fees for upsizing from 1/2" to 3/4". The Infrastructure Charge fee is considered paid with the original construction costs. There is however, a fee associated with the construction & installation of the 3/4" water service pipe on the public side. The installation fee will be determined by Aquatera & a quote will be provided to the customer to be pre-paid prior to construction.

In cases where the customer requires a water service greater than 3/4", the customer shall be required to pay the difference in the Infrastructure Charge fees between 3/4" and the desired upsize, prior to meter installation. The customer shall also be required to pay a fee associated with the construction & installation cost quoted by Aquatera for upsizing, prior to construction

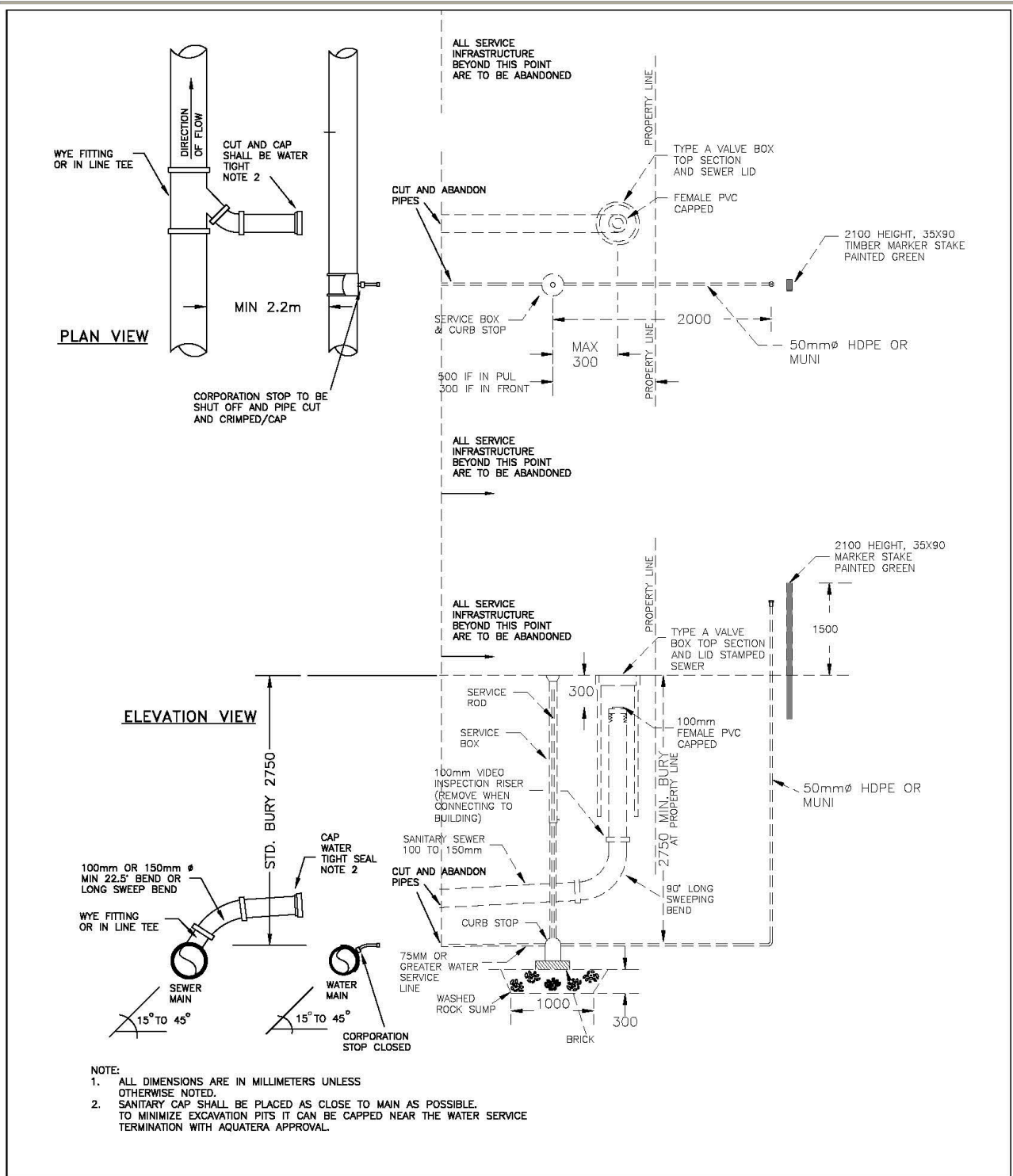


Revisions			<b>TEMPORARY SERVICE DISCONNECTION FOR 20 TO 50mm</b>		Standard Detail <b>66-01</b>
Date	Details		Approved by	Date	
-	-		Brad Vall C.E.T.	01/11/18	
			Checked by	Scale	
			Jude Nam E.I.T.	N.T.S.	



NOTE:  
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.  
2. MAINTAIN EXISTING CC BOX & ROD IN OPERATIONAL CONDITIONS.

Revisions		AQUATERA	TEMPORARY SERVICE DISCONNECTION FOR 75MM OR GREATER		Standard Detail 66-02
Date	Details		Approved by Brad Vall C.E.T.	Date 14/11/18	
-	-		Checked by Troy Smith C.E.T. <td>Scale N.T.S.</td> <td></td>	Scale N.T.S.	
			Drawn by Jude Nam E.I.T.		



Revisions		PERMANENT WATER AND SANITARY SERVICE DISCONNECTION AT MAINS		Standard Detail
Date	Details	Approved by	Date	66-03
-	-	Brad Vall C.E.T.	20/11/19	
		Checked by Markus Oeser	Scale N.T.S.	
		Drawn by Troy Smith C.E.T.		