

FRONT OF PROPERTY INSTALLATION (PREFERRED)

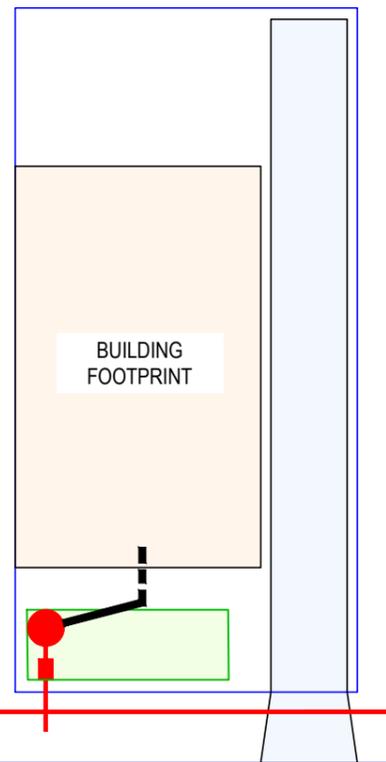


FIGURE F1: TYPICAL

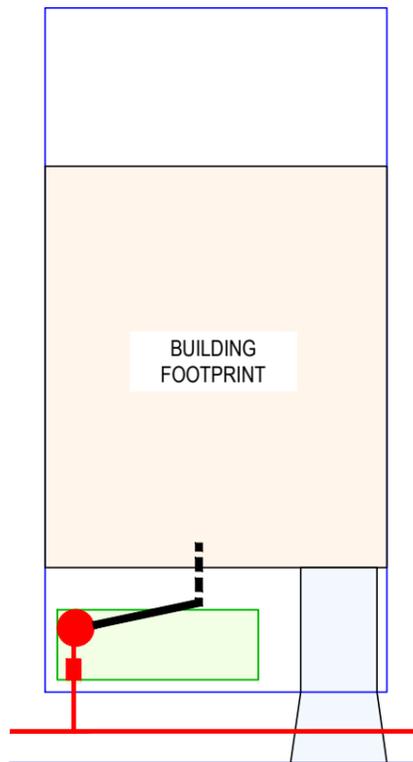


FIGURE F2: TYPICAL

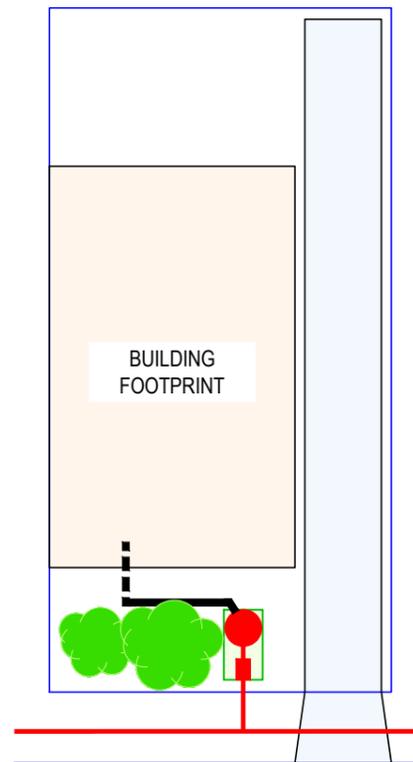


FIGURE F3: RESTRICTED ACCESS

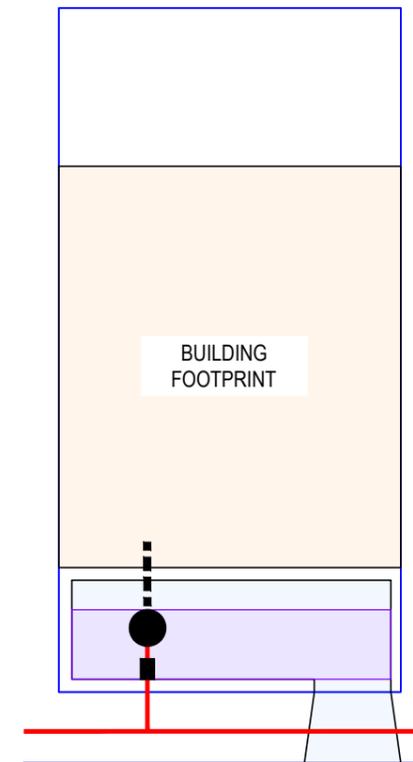


FIGURE F4: TRAFFICABLE AREA ONLY

REAR OF PROPERTY INSTALLATION (NOT PREFERRED)

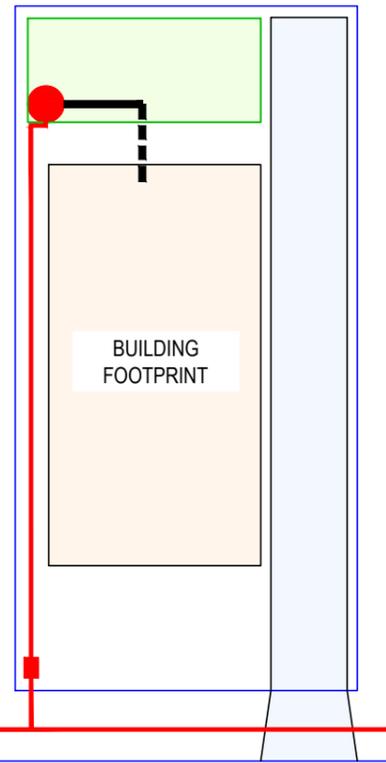


FIGURE R1: ACCESS ON BOTH SIDES

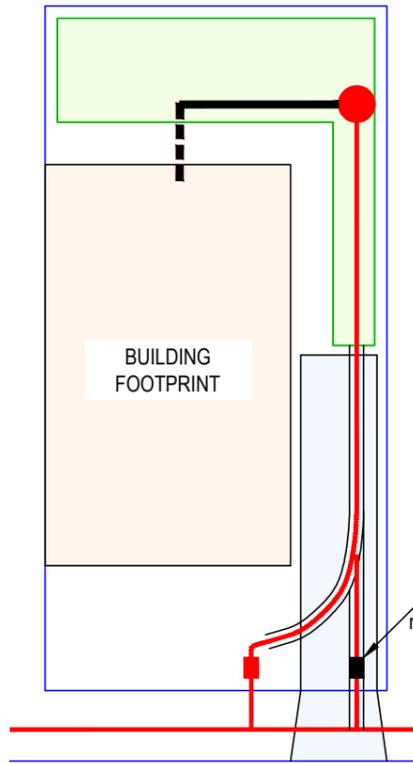


FIGURE R2: ACCESS ON DRIVEWAY SIDE

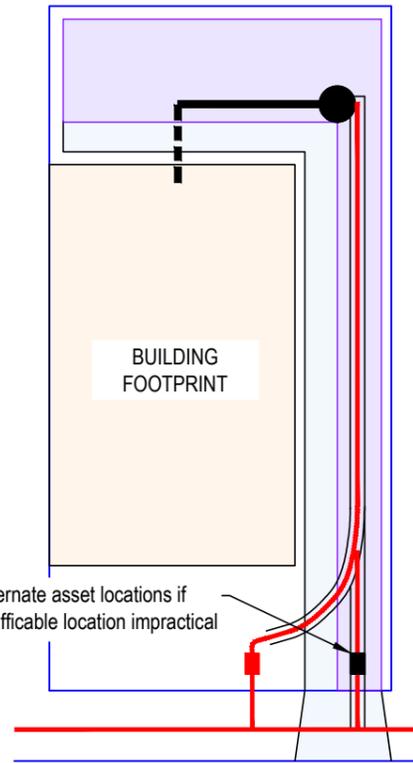


FIGURE R3: TRAFFICABLE AREA ONLY

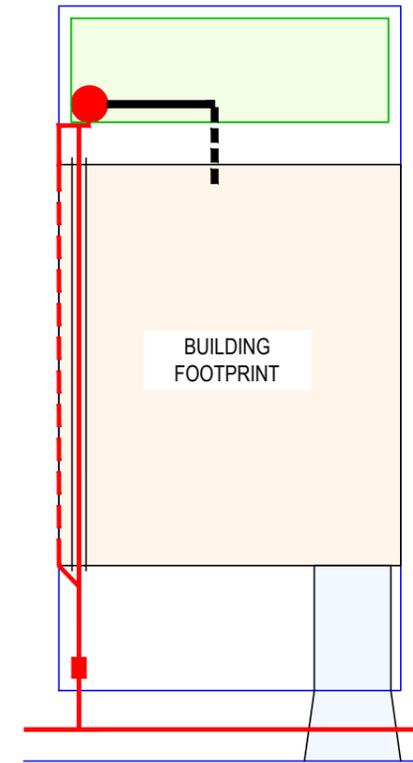


FIGURE R4: LIMITED ACCESS TO THE REAR WITH PIPEWORK ATTACHED TO OR BELOW A BUILDING

GENERAL NOTES:

1. Installation at the front is preferred for new developments. Negotiations with the builder should occur as soon as practical so plumbing drains to front of lot.
2. This standard is relevant to residential lots.
3. Consult with arborists as required to determine what vegetation should be protected and how.
4. Refer SEW-PSS-014 for asset installation details.
5. R4 installations are to be referred to South East Water's Design Team for approval (ref SEW-PSS-016). Reasonable access to the pump unit would still be required.

As many of the below stated location preferences as possible shall be achieved:

GENERAL ASSET PREFERENCES:

- G1. At a location acceptable to the property owner following consultation on the following preferences.
- G2. Protected from vehicle access. Non-trafficable. Greater than 2m from any trafficable area if practical. Alternatively, if non-trafficable is impractical for Pump Units and Boundary Kits, use a trafficable cover system and locate centrally in the driveway.
- G3. Greater than 2m from any structure including retaining walls. Reduced clearances may be acceptable where a customer's engineering report supports this reduced clearance and falling from heights risks can be adequately covered.
- G4. Sleeve pressure mains under freestanding garages and carports.
- G5. Sleeve pressure mains under pavement when the pavement is to be installed after the pressure main. Refer to Figure 016-G for sleeve details.
- G6. Above the angle of repose of any structural foundations.
- G7. In front yard, as close to 0.3m from the front boundary as practical.
- G8. In an unpaved area away from significant above ground features.
- G9. Greater than 0.3m from any property boundary and as far as practical from fence posts.
- G10. Greater than 0.3m from other services (gas, water, drainage, electricity etc).
- G11. As close as practical to a side boundary.
- G12. Clear of any vegetation that needs to be protected.
- G13. Clear of any offensive vegetation (ie: prickly or stinging vegetation).
- G14. Minimise the number of local high points in pressure mains.

ADDITIONAL PUMP UNIT PREFERENCES:

- P1. Near existing septic tank or house drain (where one exists).
- P2. Greater than 3m from any door or openable window.
- P3. Away from natural drainage paths and depressions. Elevate cover if required to ensure surface water does not enter the pump unit. In an area without excessive slope (ie: flatter than 1 in 10 slope). Cut and fill and possibly construction of a retaining wall may be required.
- P4. In an area without excessive slope (ie: flatter than 1 in 10 slope). Cut and fill and possibly construction of a retaining wall may be required.

ADDITIONAL CONTROL BOX PREFERENCES:

- B1. Attached to existing structure, as close as practical, preferably within 10m of the pump unit.
- B2. Attached to a new post a minimum of 2m from the pump unit if B1 is not practical.

RELEVANT AUSTRALIAN STANDARDS:

- A1: AS3500 for sanitary plumbing requirements
- A2: AS3000 for electrical asset requirements
- A3: AS5601 for clearances from gas assets

	NON-TRAFFICABLE PUMP UNIT (PREFERRED POSITION INDICATED)
	TRAFFICABLE PUMP UNIT (PREFERRED POSITION INDICATED)
	NON-TRAFFICABLE BOUNDARY KIT (Refer SEW-PSS-015)
	TRAFFICABLE BOUNDARY KIT (Refer SEW-PSS-015)
	EXISTING PRIVATELY OWNED SEWERAGE DRAIN
	NEW PRIVATELY OWNED SEWERAGE DRAIN
	BELOW GROUND PRESSURE MAIN
	ABOVE GROUND PRESSURE MAIN
	ACCEPTABLE NON-TRAFFICABLE PUMP UNIT LOCATION
	ACCEPTABLE TRAFFICABLE LOCATION
	PROPERTY BOUNDARY OR KERB
	SLEEVE (IF REQUIRED, REFER G4 & G5)



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SOUTH EAST WATER CORPORATION
 PRESSURE SEWER SYSTEM STANDARDS
 ON PROPERTY ASSET LAYOUT

PLAN TYPE: CIVIL
SCALE: N.T.S.
DRAWING NUMBER
SEW_PSS_011
NUMERAL
REV

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0	ISSUED FOR COMMENT	JULY 19	C.P					
REV	ZONE	DESCRIPTION	DATE	APP'D				