

NOTES:

1. INSTALL CLEANOUTS ON ALL 4" SEWER LATERAL SERVICES. INSTALL "LOOSE CAP" USING RUBBER, STAINLESS STEEL BANDED END CAP, LOOSELY TIGHTENED TO ALLOW FLUID BACK PRESSURE TO REMOVE THE CAP, OR SEWER POPPER, OR SIMILAR.
2. IN DRIVEWAYS: USE CHRISTY B03C CAST-IRON LID OR EQUAL; IN LAWN/LANDSCAPE AREAS OR SIDEWALKS NOT SUBJECT TO TRAFFIC LOADING: USE CHRISTY B03D REINFORCED CONCRETE LID. IN DRIVEWAY AREAS, ANGLE BOX TO MATCH DRIVEWAY SLOPE.
3. INSTALL 2-WAY CLEANOUTS IF REQUIRED PER PLANS AND AT PROPERTY/RIGHT-OF-WAY LINE.
4. SUPPORT NOT NEEDED IF SET IN CONCRETE.
5. PROVIDE OVERFLOW PROTECTION OR BACKWATER DEVICE IF THE DIFFERENCE IN ELEVATION BETWEEN THE LOWEST FLOOR WITH PLUMBING WASTE FIXTURES OR FLOOR DRAINS AND THE RIM OF THE NEAREST UPSTREAM MANHOLE OR CLEANOUT CAP IS 12" OR LESS.
6. PROVIDE ADDITIONAL CLEANOUTS IF GREATER THAN 100 FT SPACING OR FOR EACH AGGREGATE HORIZONTAL CHANGE OF DIRECTION EXCEEDING 135 DEGREES.
7. FOR CLEANOUT LOCATION SEE DETAIL ON SHEET 2.
8. CLEARANCE FROM TOP OF CHRISTY BOX TO TOP OF CAP SHALL BE 5" MINIMUM.

NO.	REVISED	BY	APP.



DWN: CLG

CHK JT

DEC 2021

CITY OF ALAMEDA, CALIFORNIA, PUBLIC WORKS DEPARTMENT

4" SEWER LATERAL TWO-WAY CLEANOUT

RUSS THOMPSON
CITY ENGINEER

DATE 12/07/21

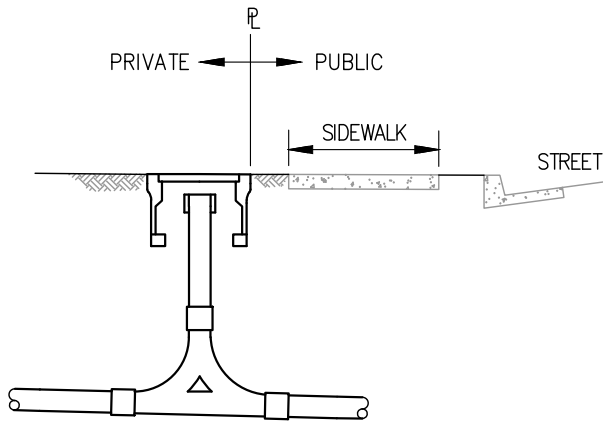
STD DETAIL

SS 1-1

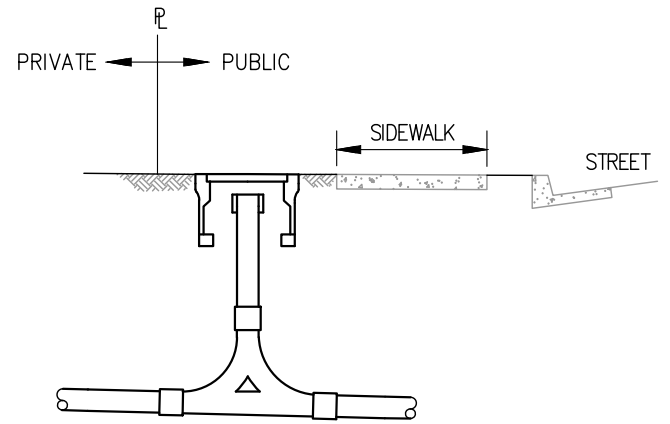
PAGE 1 OF 2

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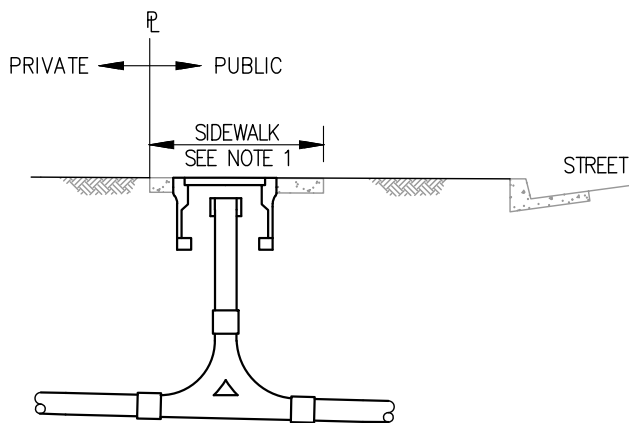
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**STREET SERVICE
BEHIND THE SIDEWALK
ON PRIVATE PROPERTY**
NTS

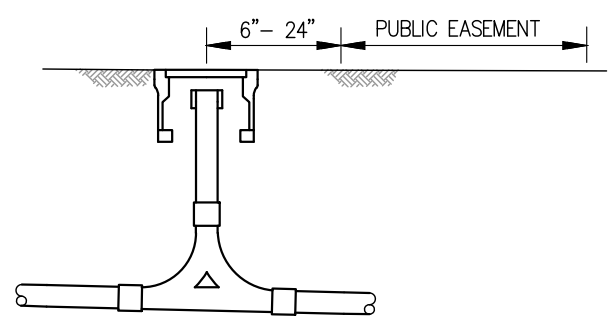


**STREET SERVICE
BEHIND THE SIDEWALK
IN PUBLIC RIGHT OF WAY**
NTS



WITH APPROVAL OF THE CITY, CLEANOUTS MAY BE INSTALLED IN SIDEWALK WHERE A WALL OR OTHER STRUCTURE PREVENTS INSTALLATION BEHIND WALK. **RIGHT OF WAY CONCRETE PERMIT IS REQUIRED.**

**STREET SERVICE
SIDEWALK OR DRIVEWAY**
NTS




CLEANOUTS ON SERVICES AT EASEMENTS INSTALLED 6" TO 24" OUTSIDE THE EASEMENT. **CONTACT PUBLIC WORKS FOR LOCATION OF PUBLIC EASEMENT.**

EASEMENT SERVICE
NTS

NOTE:

1. RECONSTRUCT SIDEWALK PER CITY STD. ST 1-5. INSTALL REBAR PER CITY STD. SS 1-2. LIMITS FOR CONCRETE RECONSTRUCTION TO BE NEAREST SCORE MARK OR AS DIRECTED BY CITY ENGINEER.

NO.	REVISED	BY	APP.

	DWN: CLG	CITY OF ALAMEDA, CALIFORNIA, PUBLIC WORKS DEPARTMENT		STD DETAIL
	CHK JT	4" SEWER LATERAL TWO-WAY CLEANOUT		SS 1-2 PAGE 2 OF 2
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