

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 3.5" MINIMUM.

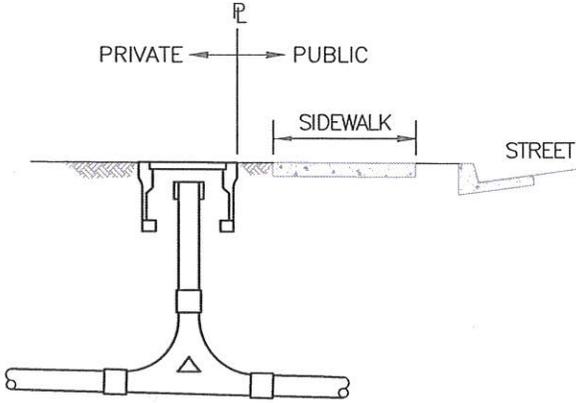
NO.	REVISED	BY	APP.

	DSN: CLG	CITY OF ALAMEDA, CALIFORNIA PUBLIC WORKS DEPARTMENT	STD DETAIL
	DWN: CLG		<p style="text-align: center;">4" SEWER LATERAL TWO-WAY CLEANOUT</p>
	CHK MNO	ED SOMMERAUER	
	JAN 2015	CITY ENGINEER	DATE 2/15

8396-34

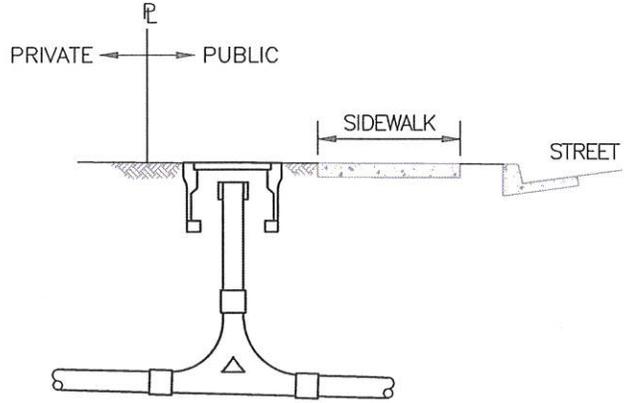
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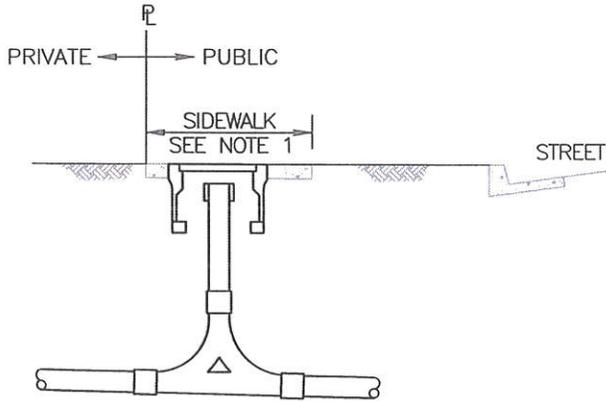
STREET SERVICE
 BEHIND THE SIDEWALK
 ON PRIVATE PROPERTY

NTS



STREET SERVICE
 BEHIND THE SIDEWALK
 IN PUBLIC RIGHT OF WAY

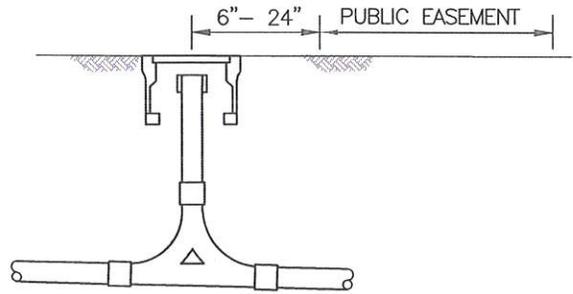
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WITH APPROVAL OF THE CITY, CLEANOUTS
 MAY BE INSTALLED IN SIDEWALK WHERE A
 WALL OR OTHER STRUCTURE PREVENTS
 INSTALLATION BEHIND WALK. **RIGHT OF WAY
 CONCRETE PERMIT IS REQUIRED.**

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 STANDARD PLAN 6297-24. INSTALL REBAR PER SHEET 1. LIMITS FOR CONCRETE RECONSTRUCTION TO BE NEAREST SCORE MARK OR AS DIRECTED BY CITY ENGINEER.

NO.	REVISED	BY	APP.

	DSN: CLG	CITY OF ALAMEDA, CALIFORNIA PUBLIC WORKS DEPARTMENT	STD DETAIL SS-1
	DWN: CLG		
	CHK MNO JAN 2015	ED SOMMERHAUER CITY ENGINEER <i>[Signature]</i>	DATE 2/15

8396-34