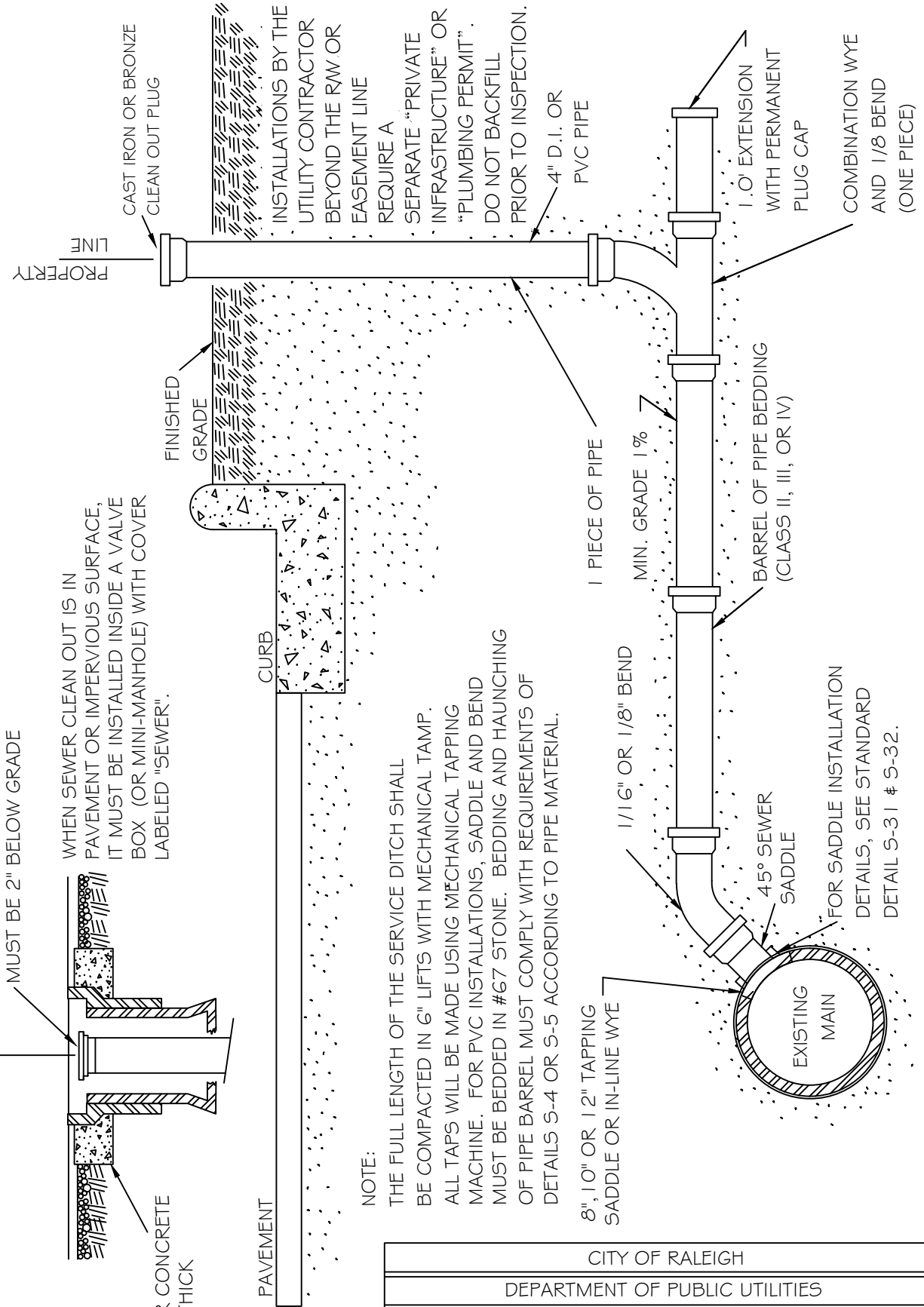


*SERVICE LATERAL MATERIAL AS REQUIRED

PAVEMENT OPTION



MUST BE 2" BELOW GRADE
 WHEN SEWER CLEAN OUT IS IN PAVEMENT OR IMPERVIOUS SURFACE, IT MUST BE INSTALLED INSIDE A VALVE BOX (OR MINI-MANHOLE) WITH COVER LABELED "SEWER".

NOTE:
 THE FULL LENGTH OF THE SERVICE DITCH SHALL BE COMPACTED IN 6" LIFTS WITH MECHANICAL TAMP. ALL TAPS WILL BE MADE USING MECHANICAL TAPPING MACHINE. FOR PVC INSTALLATIONS, SADDLE AND BEND MUST BE BEDDED IN #67 STONE. BEDDING AND HAUNCHING OF PIPE BARREL MUST COMPLY WITH REQUIREMENTS OF DETAILS S-4 OR S-5 ACCORDING TO PIPE MATERIAL.

8", 10" OR 12" TAPPING SADDLE OR IN-LINE WYE
 1/16" OR 1/8" BEND
 45° SEWER SADDLE
 FOR SADDLE INSTALLATION DETAILS, SEE STANDARD DETAIL S-31 & S-32.

PAVEMENT

4" DIAMETER CONCRETE COLLAR 6" THICK

CURB

FINISHED GRADE

PROPERTY LINE

CAST IRON OR BRONZE CLEAN OUT PLUG

INSTALLATIONS BY THE UTILITY CONTRACTOR BEYOND THE RAW OR EASEMENT LINE REQUIRE A SEPARATE "PRIVATE INFRASTRUCTURE" OR "PLUMBING PERMIT". DO NOT BACKFILL PRIOR TO INSPECTION.

4" D.I. OR PVC PIPE

1 PIECE OF PIPE

MIN. GRADE 1%

BARREL OF PIPE BEDDING (CLASS II, III, OR IV)

EXISTING MAIN

45° SEWER SADDLE

1/16" OR 1/8" BEND

1.0' EXTENSION WITH PERMANENT PLUG CAP

COMBINATION WYE AND 1/8 BEND (ONE PIECE)

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
TYPICAL SANITARY SEWER LATERAL CONNECTION				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-30	Y.C.A.	6-92	A.B.B.	4-8-04
	RRH	3-30-00	D.H.L.	6-18-08