

NOTES:

1. CONTRACTORS INSTALLING NEW GRAVITY MAINS SHALL HAVE THE OPTION OF USING SLIP JOINT SDR-35 PVC TEES WITH 4" SCH. 40 BRANCH OR MAKING TAPS AS SHOWN ON THE DETAIL WITH SEWER SADDLE.
2. CONTRACTOR OR CITY OF MONROE PERSONNEL SHALL INSTALL THE CLEAN-OUT 2 FEET ABOVE GROUND WITH A 4" x 4" x 6' SUPPORT POST ABUTTING TO GRADE AND THE POST REMOVED BY THE PLUMBER UPON CONNECTION TO THE TAP. THE INSTALLATION OF THE 4" X 4" POST SHALL BE WAIVED FOR EXISTING BUILDINGS AND BUILDINGS UNDER CONSTRUCTION.
3. PLUMBER SHALL HAVE THE OPTION TO INSTALL A ONE PIECE 4" SCH. 40 COMBINATION WYE 1/8 BEND TO MINIMIZE TRENCH DEPTH OR INSTALL THE SEWER SERVICE LATERAL FROM THE 4" STUB OUT. COMMERCIAL AND INDUSTRIAL BUILDINGS REQUIRING SAMPLING OF THE WASTEWATER DISCHARGE SHALL BE REQUIRED TO INSTALL PLUMBING FITTINGS IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BUILDING PERMIT.
4. THE OPENING IN THE PIPE SHALL BE CUT WITH A TAP MACHINE ONLY.
5. 6" OR LARGER SEWER LATERAL TAPS SHALL BE INSTALLED INTO THE NEAREST SANITARY SEWER MANHOLE DOWNSTREAM OF THE BUILDING OR A NEW MANHOLE CONSTRUCTED OVER THE SEWER MAIN (SEE "DOGHOUSE" MANHOLE DETAIL.)
6. ALL CONSTRUCTION BY PLUMBER, EITHER OPTION 1 OR OPTION 2, SHALL BE INSPECTED AND APPROVED BY A BUILDING INSPECTOR UNDER A VALID PERMIT.
7. CONTRACTOR OR CITY OF MONROE PERSONNEL MAY ADJUST SERVICE LATERAL ELEVATION WITH FITTINGS IF ADEQUATE GRADE EXISTS.
8. LATERAL SHALL HAVE 4" SUBBASE OF #67 WASHED STONE TO A LEVEL OF 4" ABOVE THE TOP OF THE PIPE.
9. BRASS CAP TO BE INSTALLED PER DETAIL AFTER BUILDING CONNECTION.
10. CLEANOUTS SHALL NOT BE PLACED IN LOW LYING AREAS, OR IN AREAS WHERE FLOODING OR RUN OFF MAY OCCUR.

4" SCH. 40 PVC NIPPLE LENGTH VARIES DEPENDING ON DEPTH OF SEWER MAIN TO MINIMIZE ADDITIONAL BENDS

4" TAP MADE APPROX. 45" ABOVE SPRING LINE OF SEWER MAIN

SPRING LINE

4" SCH. 40 - 1/8 BEND GLUE JOINT CONNECTION (TYP.)

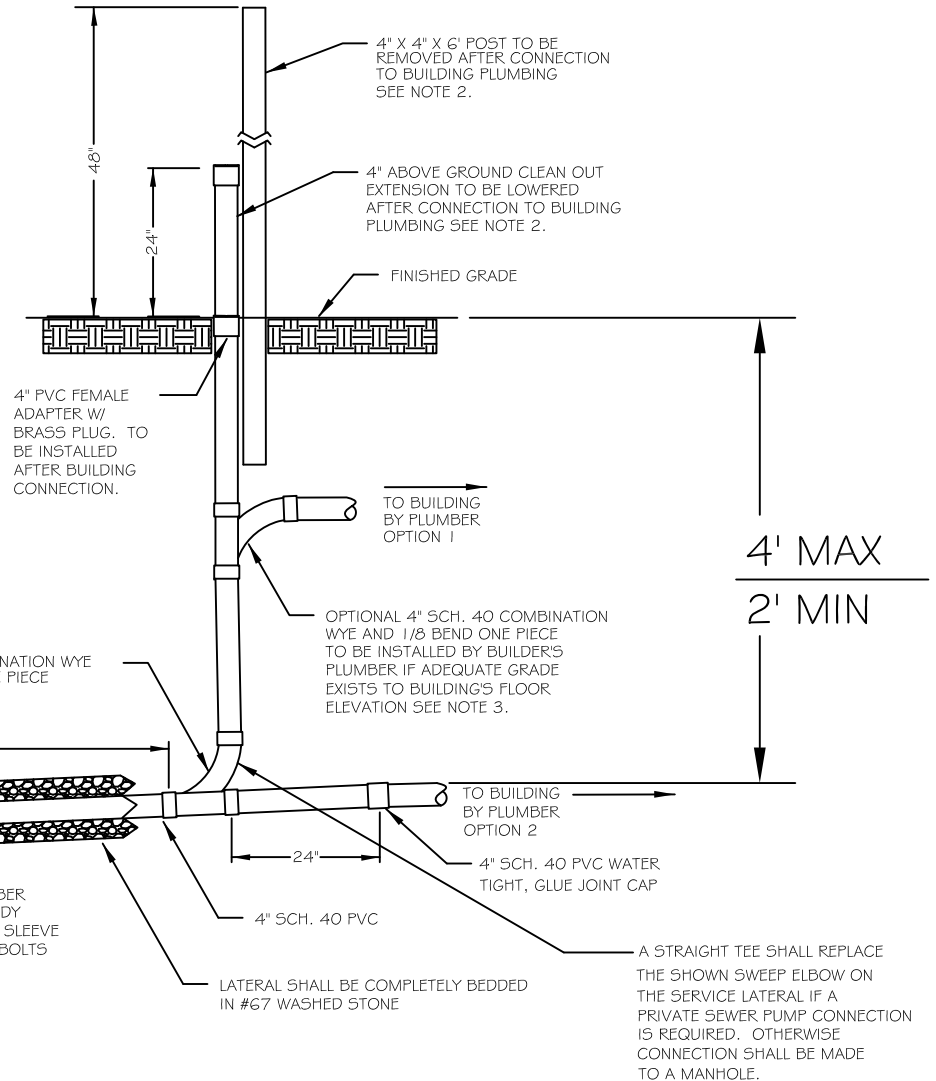
4" SCH. 40 COMBINATION WYE AND 1/8 BEND ONE PIECE

DISTANCE VARIES

1% MIN. SLOPE

SEWER TAP SADDLE SADDLE SHALL HAVE COMPRESSED RUBBER SEAL ON TAP OPENING W/ CAST IRON BODY 4.50-INCH INTERNAL DIAMETER RUBBER SLEEVE INTEGRAL STAINLESS STEEL STRAP WITH BOLTS

GRAVITY SEWER MAIN SDR-35 PVC OR CLASS 350 DIP FOR NEW CONSTRUCTION. CITY OF MONROE SHALL MAKE TAPS ON ACTIVE SEWER MAINS. UNLESS SPECIFICALLY APPROVED OTHERWISE.



#	REVISED	DATE: 7/1/04	STANDARD DETAIL	WATER RESOURCES DEPARTMENT CITY OF MONROE, NC	
1	1/26/17	SCALE: NONE			
		DRAWN BY: SPT	SEWER LATERAL DETAIL	FILE NO. 12.13.00	DIV. NO. 12
		CHECKED BY: DSW			
		APPROVED BY: RGC			