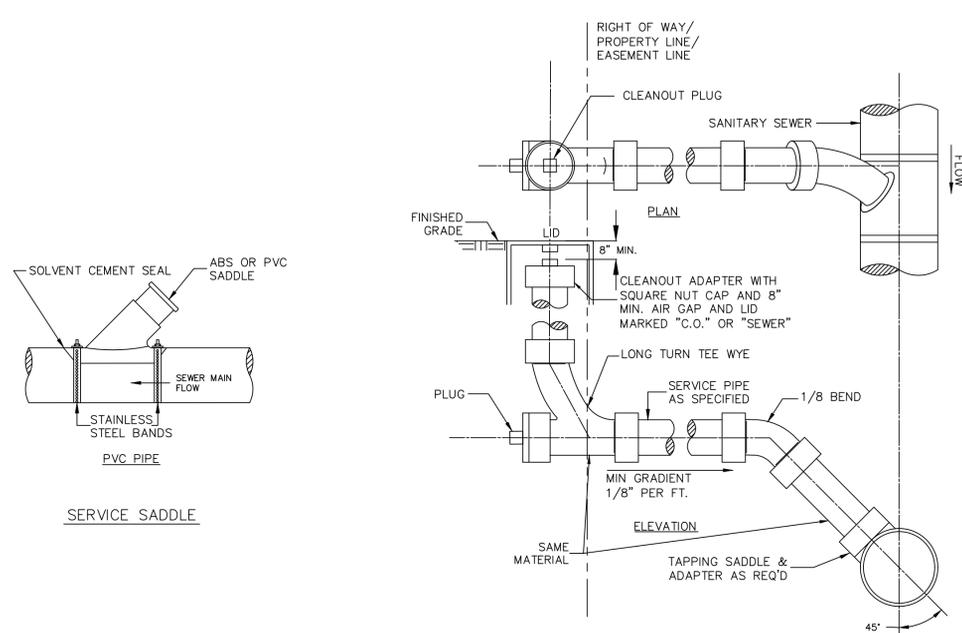


Revisions	
1.01	- DATED 3/7/2013
1.02	- DATED 11/14/2016
1.03	- DATED 4/11/2018
1.04	- DATED 1/23/2019
1.05	- DATED 8/15/2022
1.06	- DATED 07/10/2024
1.07	- DATED 11/27/2024
Mod S-12 & S-13	

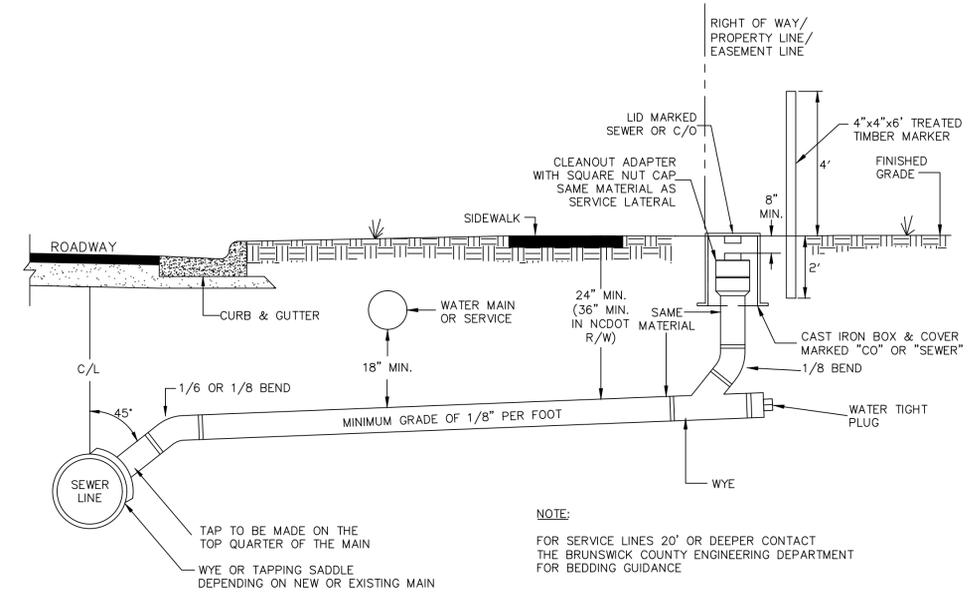
COUNTY OF BRUNSWICK

GENERAL SEWER DETAILS FOR
BRUNSWICK COUNTY
 NORTH CAROLINA

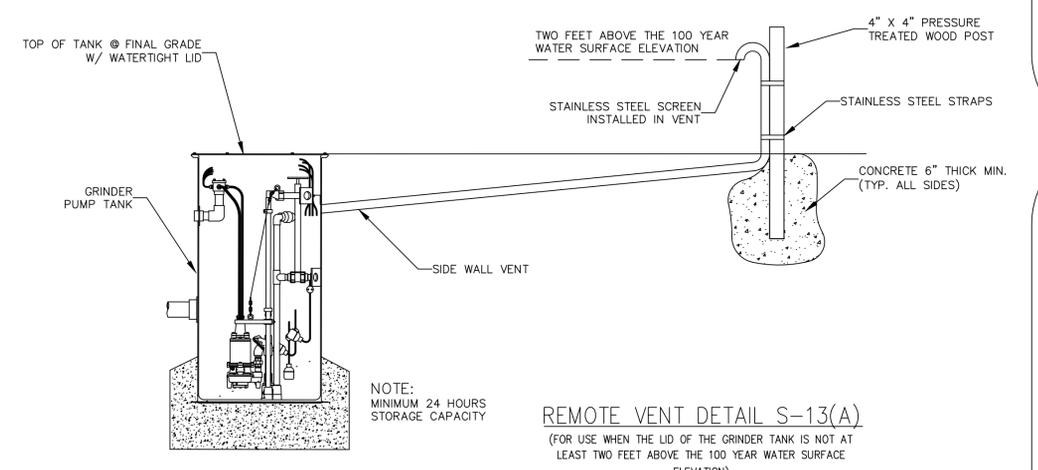
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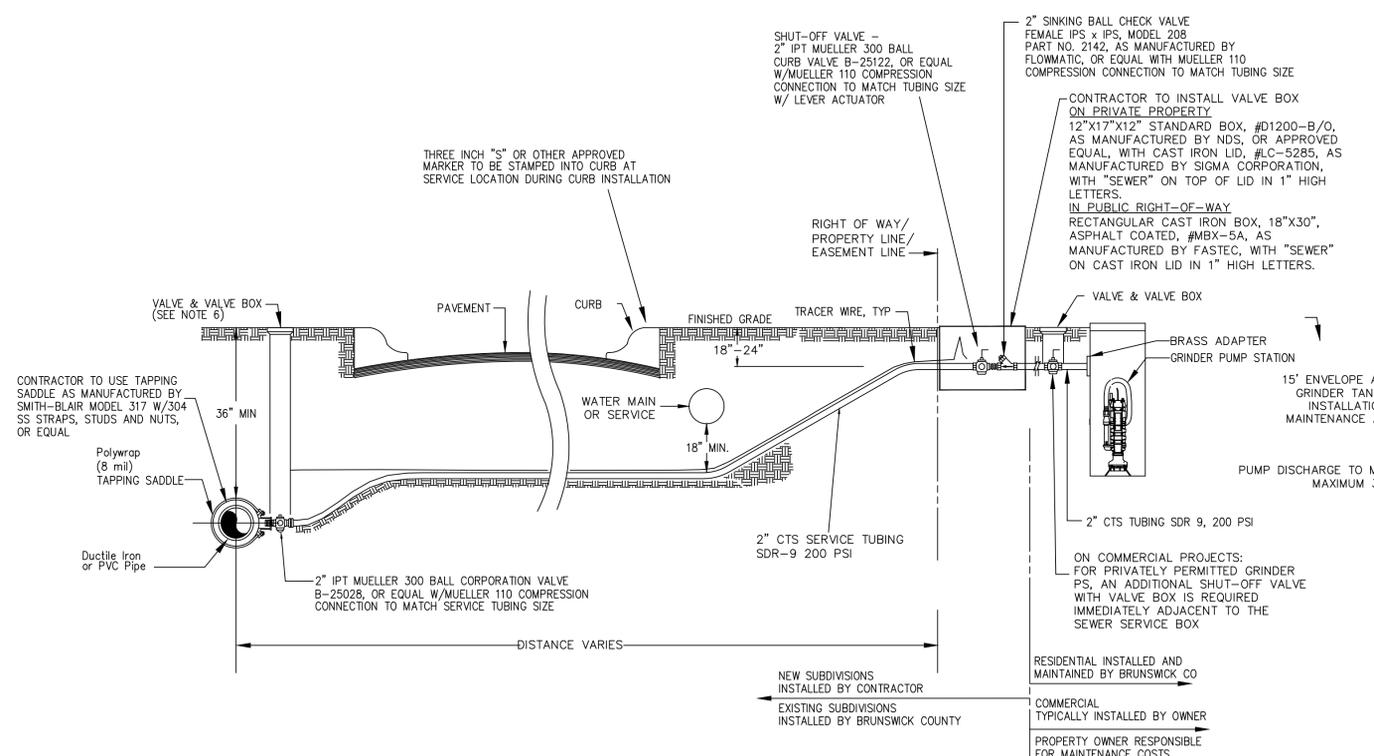
SANITARY SEWER GRAVITY TAPS & SERVICE LATERALS
 DETAIL S-11



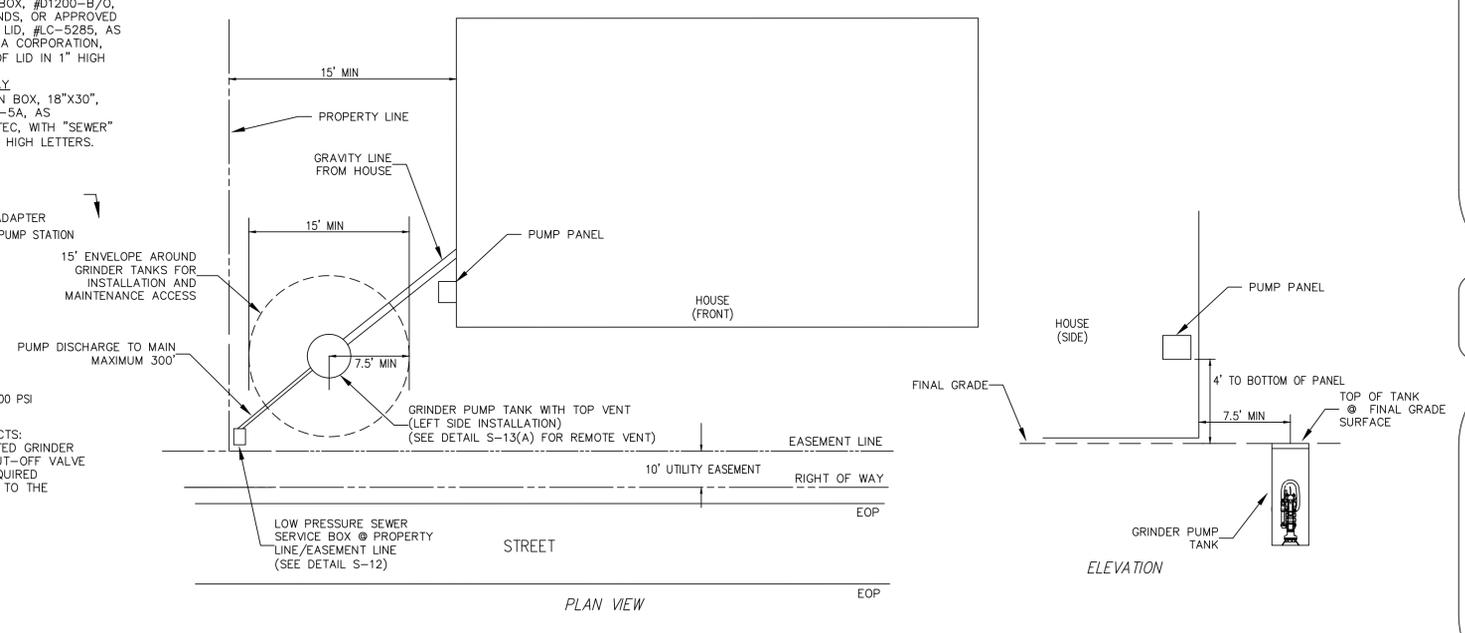
- NOTES:
- ALL TAPS WILL BE MADE IN ACCORDANCE WITH BRUNSWICK COUNTY SPECIFICATIONS AND AWWA GUIDELINE "ANSI/AWWA C600-93" OR LATEST REVISION FOR TAPPING THROUGH POLYETHYLENE ENCASMENT.
 - ALL MATERIAL TO COMPLY WITH BRUNSWICK COUNTY SPECIFICATIONS.
 - TRACER WIRE SHALL BE INSTALLED FROM THE LOW PRESSURE MAIN TO INSIDE THE VALVE BOX.
 - THE HOMEOWNER IS RESPONSIBLE FOR THE GRAVITY CONNECTION FROM THE STRUCTURE TO THE GRINDER PUMP STATION AND FOR THE ELECTRICAL WIRING TO PROVIDE POWER TO THE PUMP PANEL.
 - AT THE DISCRETION OF BRUNSWICK COUNTY, ON SELECT BRUNSWICK COUNTY CAPITAL PROJECTS AND SPECIAL ASSESSMENT DISTRICT PROJECTS, THE VALVE BOX HOUSING, SHUT-OFF VALVE, AND CHECK VALVE MAY BE LOCATED WITHIN THE RIGHT-OF-WAY.
 - VALVE BOX AND LID ARE NOT REQUIRED ON SHORT SIDE TAPS IN NON-PUBLIC R/W.
 - COUNTY-PERMITTED AND COUNTY-MAINTAINED LOW PRESSURE GRINDER PUMP STATIONS SHALL BE LOCATED NO FURTHER THAN 300 LINEAR FEET FROM THE MAIN AS MEASURED ALONG THE PIPE.
 - GRINDER TANKS TO BE LOCATED IN THE FRONT OR EITHER SIDE YARD IN THE FRONT CORNER; GRINDER TANKS SHALL NOT BE PERMITTED IN THE REAR OF THE STRUCTURE.
 - THE ENIRE GRINDER PUMP, MAINTENANCE ENVELOPE AND ACCESS PATH MUST BE LOCATED WITHIN THE PROPERTY BOUNDARY.
 - GRINDER TANKS SHALL HAVE A MINIMUM 24 HOURS STORAGE CAPACITY.



REMOTE VENT DETAIL S-13(A)
 (FOR USE WHEN THE LID OF THE GRINDER TANK IS NOT AT LEAST TWO FEET ABOVE THE 100 YEAR WATER SURFACE ELEVATION)



LOW PRESSURE SEWER CONNECTION
 DETAIL S-12



TYPICAL RESIDENTIAL GRINDER PUMP STATION LOCATION
 DETAIL S-13