

SEWER GENERAL NOTES:

1. A 5 FOOT MINIMUM HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ALL SEWER FACILITIES AND UNDERGROUND POWER, TELEPHONE AND CABLE FACILITIES UNLESS OTHERWISE APPROVED BY THE TOWN OF FRIDAY HARBOR.
2. FOR WATER MAIN AND SEWER MAIN SEPARATION REQUIREMENTS SEE STANDARD DWG. U-1.
3. ALL CONTRACTORS WORKING WITH AC PIPE MUST BE STATE-CERTIFIED. THE CONTRACTOR SHALL PROVIDE PROTECTIVE CLOTHING AND EQUIPMENT TO CREWS WORKING WITH ASBESTOS CEMENT PIPE IN ORDER TO ASSURE THE WORKERS' EXPOSURE TO ASBESTOS MATERIAL IS AT OR BELOW THE LIMITS PRESCRIBED IN WAC 296-62-07705.
4. THE TOWN OF FRIDAY HARBOR PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF TWO BUSINESS DAYS IN ADVANCE OF A SEWER CONNECTION TO AN EXISTING MAIN. INSPECTOR SHALL BE PRESENT AT THE TIME OF THE CONNECTION.
5. GRAVITY SEWER PIPING SHALL BE PVC IN ACCORDANCE WITH ASTM D-3034, SDR 35 WITH JOINTS AND RUBBER GASKETS CONFORMING TO ASTM D-3217 AND ASTM F-477. THE TOWN WILL ACCEPT PVC SOLVENT JOINTS.
6. PRECAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C-478. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO ASTM C-443 AND SHALL BE GROUTED FROM THE INSIDE. LIFT HOLES SHALL BE GROUTED FROM THE OUTSIDE AND INSIDE OF THE MANHOLE. PROVIDE KOR-N-SEAL BOOT TO CONNECT PVC PIPE TO MANHOLE.
7. DROP CONNECTIONS AT MANHOLES SHALL BE CONSTRUCTED WITH DUCTILE-IRON PIPE AS SPECIFIED HEREIN FOR WATER SYSTEMS.
8. ALL SEWER MAINS SHALL BE FIELD STAKED FOR GRADES AND ALIGNMENTS BY A SURVEYOR LICENSED IN THE STATE OF WASHINGTON.
9. ALL SANITARY SEWER MAINS AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS DETECTABLE MARKING TAPE INSTALLED 12" ABOVE THE PIPE. THE MARKER SHALL BE DETECTABLE METALLIC TAPE MARKED "SEWER".
10. PRIOR TO BACKFILL, ALL MAINS AND APPURTENANCES SHALL BE INSPECTED AND APPROVED BY THE TOWN OF FRIDAY HARBOR. APPROVALS SHALL NOT RELIEVE THE CONTRACTOR FOR CORRECTION OF ANY DEFICIENCIES AND/OR FAILURES AS DETERMINED BY THE SUBSEQUENT TESTING AND INSPECTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TOWN OF FRIDAY HARBOR PUBLIC WORKS DEPARTMENT TWO BUSINESS DAYS IN ADVANCE OF ALL REQUIRED INSPECTIONS.
11. SANITARY SEWERS SHALL BE TESTED FOR DEFLECTION NOT LESS THAN 30 DAYS AFTER THE TRENCH BACKFILL AND COMPACTION HAS BEEN COMPLETED. THE TEST SHALL BE CONDUCTED BY PULLING A PROPERLY SIZED "GO-NOGO" MANDREL THROUGH THE COMPLETED PIPELINE. TESTING SHALL BE COMPLETED AFTER THE LINE HAS BEEN COMPLETELY CLEANED OUT. THE CONTRACTOR SHALL REMOVE ALL DEBRIS SO THAT IT IS NOT FLUSHED INTO THE EXISTING SANITARY SEWER SYSTEM. THE DEFLECTION TEST SHALL BE OBSERVED BY THE TOWN.
12. THE LEAKAGE TEST AND TELEVISION INSPECTION SHALL BE COMPLETE IN ACCORDANCE WITH THE TOWN STANDARDS.
13. THE CONTRACTOR SHALL MAINTAIN SEWER SERVICE TO ALL RESIDENCES AND BUSINESSES AND THROUGH ALL MAINS AT ALL TIMES. TEMPORARY SEWAGE PUMPING BY CONTRACTOR AT CLEANOUT ASSEMBLIES AND MANHOLES WILL BE REQUIRED. A WRITTEN SEWER BY-PASS PLAN SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN
14. ALL MANHOLES LOCATED IN LOW POINTS OF VERTICAL CURVES SHALL HAVE WATERTIGHT LIDS.
15. ALL MAIN-LINE TRENCHES SHALL BE COMPACTED PRIOR TO TESTING SEWER LINES FOR ACCEPTANCE. ALL SIDE SEWERS SHALL BE TESTED FOR ACCEPTANCE AT THE SAME TIME AS THE MAIN SEWER IS TESTED.



Incorporated 1909

APPROVAL

PUBLIC WORKS DIRECTOR

DATE	01/21/2022
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