

NOTES FOR GREASE INTERCEPTORS:

1. THE PLANS AND SPECIFICATIONS SHALL ILLUSTRATE PROPERTY BOUNDARIES, PIPING/DRAINAGE DETAILS AND CONNECTIONS TO THE SANITARY SEWER. DETAIL AND ELEVATIONS DRAWINGS OF THE GREASE INTERCEPTOR SHALL INCLUDE UPC APPENDIX DESIGN CALCULATIONS TO SHOW CAPACITY, DETENTION TIME AND REMOVAL EFFICIENCIES.
2. EFFLUENT FROM GREASE INTERCEPTORS SHALL NOT EXCEED 100 MG/L FAT, OIL, AND GREASE DISCHARGED TO THE SANITARY SEWER.
3. GREASE INTERCEPTORS INSTALLED IN PAVED AREAS SHALL COMPLY WITH H-20 LOADING.
4. THE GREASE INTERCEPTOR SHALL BE INSTALLED AND CONNECTED SUCH THAT IT SHALL BE EASILY ACCESSIBLE FOR INSPECTION, CLEANING, AND REMOVAL AT ALL TIMES. NO SANITARY WASTEWATER SHALL BE CONVEYED TO THE SEPARATOR. A SEPARATE SIDE SEWER SHALL BE REQUIRED TO CARRY SANITARY WASTEWATER TO THE SEWER MAIN. IT SHALL BE PLACED AS CLOSE TO THE SERVICE AS PRACTICAL. MANHOLE COVERS SHALL BE GAS TIGHT AND SHALL HAVE A MINIMUM OPENING OF 24 INCHES IN DIAMETER.
5. PLUMBING/PIPING SHALL BE CONSTRUCTED TO ESTABLISH "PARALLEL FLOW" (90° TO THE TANK BAFFLE) THROUGH THE GREASE INTERCEPTOR. NO RADIUS, BEND, OR ELBOW SHALL BE ALLOWED IN THE INLET PIPE FOR A MINIMUM OF 10 FEET OR 20 PIPE DIAMETERS (WHICHEVER IS GREATER) UPSTREAM OF THE INTERCEPTOR.
6. VENTING OF THE INTERCEPTOR SHALL BE IN ACCORDANCE WITH CHAPTER 4, 5, AND 7 OF THE UNIFORM PLUMBING CODE- 1988 OR AS ADOPTED BY THE CITY.
7. A BALLCENTRIC VALVE OR GATE VALVE SHALL BE LOCATED IN THE DISCHARGE PIPING A MAXIMUM OF 10 FEET FROM THE GREASE INTERCEPTOR. THIS VALVE SHALL BE CLOSED WHEN CLEANING OR SERVICING THE DEVICE. ANY PUMP MECHANISM SHALL BE INSTALLED DOWNSTREAM OF THE INTERCEPTOR TO PREVENT FAT, OIL, AND GREASE EMULSIFICATION. A 'TEE' CONNECTION SHALL BE INSTALLED IN THE DISCHARGE PIPING TO PROVIDE FOR SAMPLE COLLECTION.
8. ALL GREASE INTERCEPTORS SHALL BE FILLED WITH CLEAN WATER BEFORE USE.
9. THE DESIGN ENGINEER SHALL PROVIDE THE CITY ENGINEER OR HIS REPRESENTATIVE WITH A LETTER OF INSPECTION CERTIFYING THAT THE INSTALLATION WAS PERFORMED IN ACCORDANCE WITH ALL REGULATIONS AND THE APPROVED PLAN.
10. FINAL INSPECTION IS REQUIRED BY THE CITY ENGINEER OR DESIGNATED REPRESENTATIVE PRIOR TO CONNECTION TO THE SANITARY SEWER.
11. AN OPERATION AND MAINTENANCE PLAN SHALL BE PREPARED BY THE DESIGNER AND SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO CONNECTION TO THE SANITARY SEWER.
12. THE PROPERTY OWNER SHALL RETAIN OWNERSHIP OF THE GREASE INTERCEPTOR AND SIDE SEWER LINES AND SHALL BE RESPONSIBLE FOR THEIR OPERATION AND MAINTENANCE. A SERVICE/MAINTENANCE RECORD SHALL BE KEPT ON THE PREMISES AT ALL TIMES AND SHALL BE IMMEDIATELY AVAILABLE TO THE CITY ENGINEER OR REPRESENTATIVE UPON REQUEST. THE INFORMATION REQUIRED IN THE MAINTENANCE LOG SHALL BE SUBMITTED TO THE CITY ANNUALLY. THE REPORTING PERIOD IS JANUARY 1ST THROUGH DECEMBER 31ST OF EACH YEAR. THE REPORT SHALL BE SUBMITTED WITHIN 30 DAYS AFTER THE END OF THE REPORTING PERIOD. REFER TO SWMC CHAPTER 13.24.130.I FOR OTHER MAINTENANCE AND REPORTING REQUIREMENTS.
13. THE PROPERTY OWNER SHALL REPORT IMMEDIATELY TO THE CITY ENGINEER OR HIS REPRESENTATIVE, ANY SPILL, SURCHARGE, BYPASS, OR MECHANICAL FAULT OR FAILURE WHICH INTERRUPTS OR OTHERWISE REDUCES THE CAPACITY OR REMOVAL EFFICIENCY OF THE GREASE INTERCEPTOR.



PUBLIC WORKS  
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GREASE INTERCEPTOR  
NOTES

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