

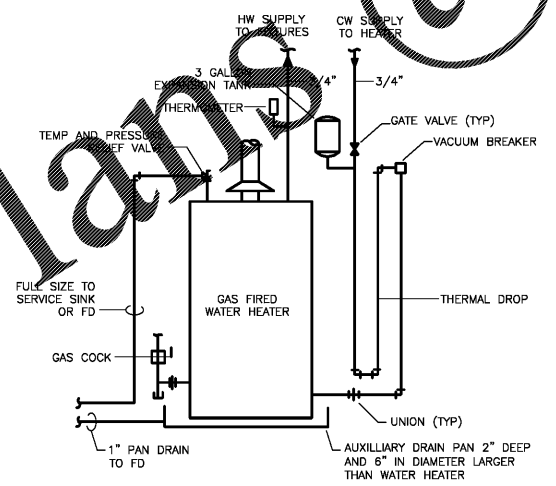


SIGNATURE REQUIRED

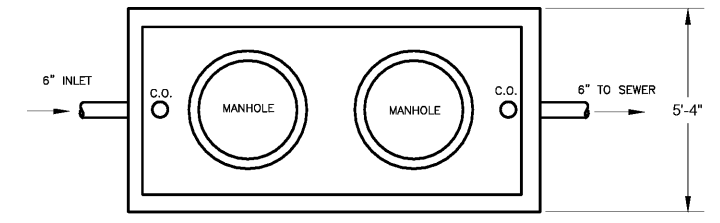
SMITH DESIGN GROUP, INC.  
 200 WEST WILKINSON STREET  
 LAGRANGE, GEORGIA 30240  
 706-882-5511 www.SDGarch.net

**WATER HEATER SPECIFICATION**

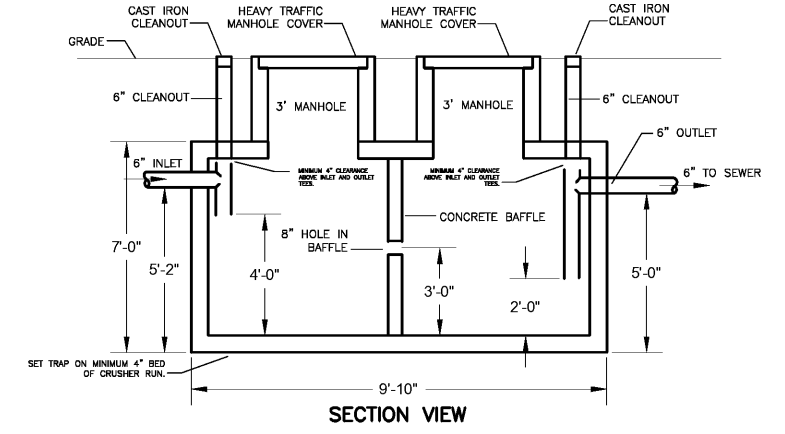
HWH-1  
 DESIGN BASED ON COMMERCIAL MEDIUM DUTY 100 GAL 75K BTU  
 NATURAL GAS, LOW NOx TANK WATER HEATER AS  
 MANUFACTURED BY RHEEM, MODEL G100-80N.



1  
 AP-3  
 DETAIL - GAS FIRED WATER HEATER  
 NOT TO SCALE



PLAN VIEW



SECTION VIEW

2  
 AP-5  
 DETAIL - SAND / OIL SEPARATOR  
 NOT TO SCALE

NOTE: INSTALL GREASE INTERCEPTOR IN ACCORDANCE WITH ALL APPLICABLE LOCAL MUNICIPAL CODES.  
 TANK SHALL BE 1500 GALLON PRECAST CONCRETE TANK. CONCRETE SHALL BE MINIMUM 5000 PSI AT 28 DAYS.  
 STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH ASTM A615.75, GRADE 60, WITH MINIMUM 1" COVER.  
 DESIGN LOADING SHALL BE IN ACCORDANCE WITH AASFD HS20-44. CONSTRUCTION JOINT VARIED WITH ONE INCH DIA.  
 BUTYL RUBBER OR EQUIVALENT.

REVISIONS	
DATE	DESCRIPTION

PROJECT:  
**VERNON ROAD FIRE STATION**  
 VERNON ROAD  
 LAGRANGE GEORGIA

TITLE:  
**PLUMBING DETAILS**

MODIFIED DATE:	JOB NO: <b>1731</b>
ISSUED DATE: FOR BID AND PERMIT 07 MAY 2018	SHEET: <b>P-5</b>

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