

1. ALL PUMP STATIONS SHALL BE PROVIDED WITH A SUITABLY-SIZED STANDBY EMERGENCY GENERATOR ASSEMBLY, TO BE SIZED BY THE PROJECT ENGINEER. THE GENERATOR SHALL BE CAPABLE OF OPERATING THE COMPLETE PUMP STATION, INCLUDING PUMPS, CONTROLS, INSTRUMENTATION AND SITE LIGHTING. AN EXERCISE TIMER SHALL BE PROVIDED, SET TO RUN UNDER LOAD CONDITIONS.
2. THE GENERATOR SHALL BE PROVIDED WITH A SUITABLY-SIZED AUTOMATIC TRANSFER SWITCH. THE CIRCUIT BREAKER SHALL BE SIZED APPROPRIATELY FOR THE GENERATOR ASSEMBLY. THE SUB-BASE DUAL WALL FUEL TANK SHALL BE THE MANUFACTURER'S STANDARD UNIT, SIZED TO PROVIDE A MINIMUM OF 24-HOURS OF FUEL TO OPERATE THE GENERATOR. HOWEVER, THE FUEL TANK SHALL BE LESS THAN 500 GALLONS IN SIZE.
3. THE MAXIMUM SOUND LEVEL WITH THE COMPLETE GENERATOR ASSEMBLY OPERATING SHALL NOT EXCEED 72 DBA AT 23 FEET. EXHAUST SYSTEM SHALL BE IN COMPLIANCE WITH EPA TIER 2 EXHAUST EMISSION REQUIREMENTS.
4. THE UNIT SHALL BE PROVIDED WITH AN APPROPRIATE BLOCK HEATER FOR COLD STARTS. THE TRANSFORMER FOR PROVIDING POWER TO THE BLOCK HEATER SHALL BE PLACED SEPARATELY FROM THE CONTROL PANEL AND THE GENERATOR UNIT.
5. GENERATOR ASSEMBLY INCLUDING BASE AND VIBRATION ISOLATORS SHALL BE ANCHORED TO A SUITABLY-SIZED CONCRETE PAD IN NEARBY PROXIMITY TO THE PUMP STATION.
6. THE GENERATOR UNIT SHALL BE AS MANUFACTURED BY CUMMINS/ONAN. A COMPARABLE CATERPILLAR UNIT SHALL BE CONSIDERED ACCEPTABLE, PROVIDED THE FEATURES PROVIDED ARE THE SAME.
7. THE ENGINE GENERATOR SET SHALL BE SHOP PRIMED AND FINISH COATED IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD PRACTICE. AN ADEQUATE SUPPLY OF TOUCH-UP PAINT SHALL BE PROVIDED.
8. A REPRESENTATIVE OF THE CITY OF GROVELAND SHALL BE PRESENT FOR THE INITIAL START-UP OF THE GENERATOR ASSEMBLY. SPECIAL TOOLS AND SPARE PARTS AS REQUIRED SHALL BE PROVIDED TO THE CITY OF GROVELAND.
9. THE FOLLOWING TABLE SHALL BE COMPLETED AND SHOWN ON THE PLANS.

GENERATOR ASSEMBLY MANUFACTURER: \_\_\_\_\_

MODEL NO.: \_\_\_\_\_

ATS MODEL NO.: \_\_\_\_\_

MUFFLERS RESIDENTIAL GRADE, BATTERY CHARGER, DUAL WALL SUBBASE FUEL STORAGE TANK \_\_\_\_\_ GALLONS

SOUND ATTENUATED OUTDOOR ENCLOSURE

RAINHOODS: \_\_\_\_ YES \_\_\_\_ NO

DISTRIBUTION PANEL: \_\_\_\_ FACTORY MOUNTED  
 \_\_\_\_ ADJACENT TO GENERATOR ASSEMBLY

**CITY OF GROVELAND STANDARD DETAILS: SANITARY SEWER**



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**STANDBY GENERATOR  
 ASSEMBLY NOTES**

DATE: JULY 7, 2008  
 SCALE: N.T.S.

**S-11**