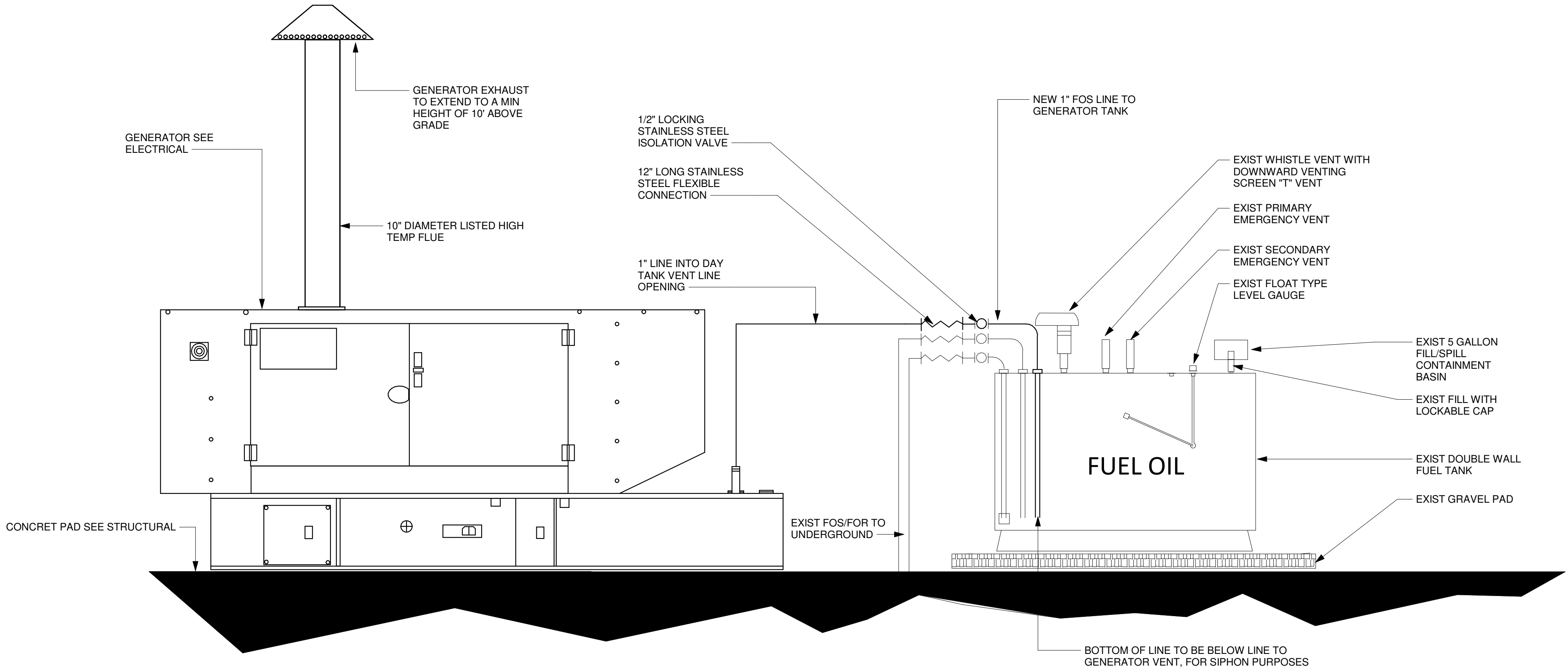


① FIRST FLOOR HVAC
3/16" = 1'-0"

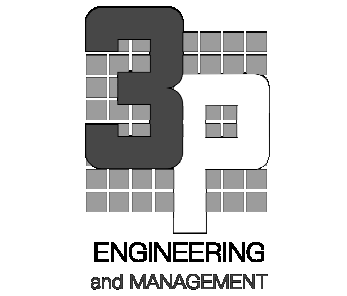


② OIL PIPING/GENERATOR DIAGRAM
12" = 1'-0"

NOTE: USE HALF INDICATED SCALE FOR 22x34 DRAWINGS

GENERAL NOTES

1. THE MECHANICAL PLANS ARE DIAGRAMMATIC AND PROVIDE GENERAL ARRANGEMENT AND SIZING OF SYSTEMS ONLY.
2. SCHEDULED EQUIPMENT MANUFACTURERS, MODELS, AND CAPACITIES ARE INTENDED TO INDICATE A LEVEL OF QUALITY AND MAY BE SUBSTITUTED.
3. MECHANICAL EQUIPMENT SHALL BE INSTALLED TO ALLOW MINIMUM ACCESS AS REQUIRED BY MANUFACTURER.
4. CONCEALED MECHANICAL EQUIPMENT REQUIRING MAINTENANCE SHALL BE MADE ACCESSIBLE THROUGH REMOVABLE CEILING TILES, ACCESS DOORS, OR PANELS AS APPLICABLE.
5. FIRE STOP ALL PIPING AND DUCTWORK PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, AND SHAFTS.
6. ALL DUCTWORK SHALL BE EITHER LOW OR MEDIUM PRESSURE CLASSIFICATION AS APPLICABLE PER SMACNA STANDARDS AND FABRICATED AS SUCH IN ACCORDANCE WITH SMACNA FABRICATION REQUIREMENTS.
7. ALL EQUIPMENT REQUIRING MAINTENANCE SHALL BE PROVIDED WITH ISOLATION VALVES, UNIONS OR FLANGES.
8. PIPING SIZES ON THE PLAN ARE FOR COPPER PIPING. IF PEX PIPING IS SUBSTITUTED THEN THE PIPE SIZES MUST BE INCREASED TO THE NEXT SIZE UP. FOR EXAMPLE 1/2" COPPER WOULD REQUIRE 3/4" PEX.
9. ALL FLOOR DRAINS AND FLOOR SINKS TO BE FLUSH MOUNTED.
10. ALL CONDENSING EQUIPMENT TO BE PROVIDED WITH CONDENSATE NEUTRALIZERS.
11. ALL WORK TO BE DONE IN ACCORDANCE WITH ALL LOCAL CODES AND AMENDMENTS, INCLUDING THE 2012 IBC, 2012 IMC, 2012 IFGC, 2012 UPC AND 2012 IECC.
12. CONTROL SYSTEMS PROPRIETARY, PER OWNERS REQUIREMENTS.



Rev #	Date	Description
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Project Title: AVTEC IT BACK-UP GENERATOR
Prepared for: AVTEC
Sheet Title: GENERATOR & FUEL OIL PIPING LAYOUT
Address: 703 2ND AVE, SEWARD, AK 99664

Sheet Issue Date:
8/13/2021 7:51:10 PM
Drawn by: JHW

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