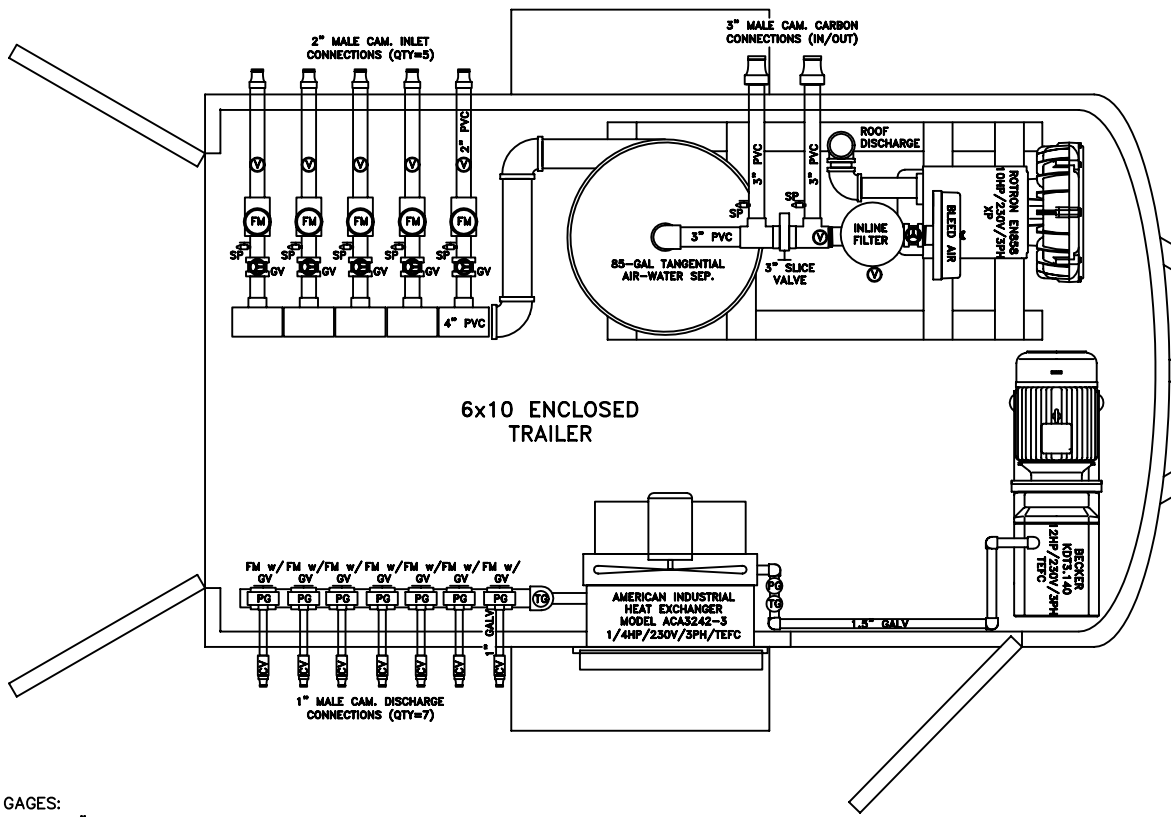
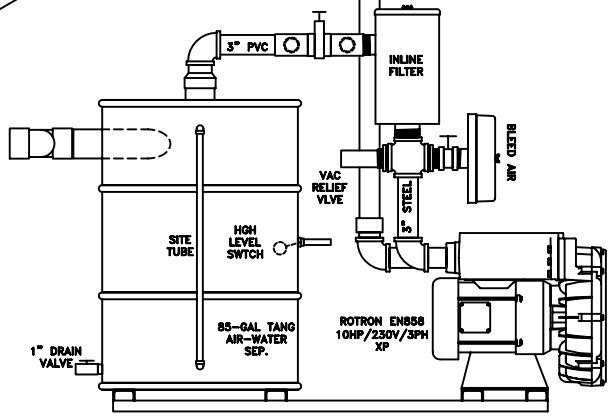
SOIL VAPOR EXTRACTION & AIR SPARGE TRAILER
PLAN VIEW

TRAILER SPECIFICATIONS:
HAULMARK 10-FT, SINGLE-AXEL, 2-INCH BALL, PASSIVE FLOOR AIR VENTS, HURRICANE TIE-DOWN BRACKETS IN FOUR CORNERS, TONGUE JACK, SPRING LOUVER HEAT EXCHANGER EXHAUST, BACK SWING DOORS, 30" SIDE SWING DOOR.





SVE ELEVATION

GAGES:
1. 0-100" H2O VACUUM GAGES BEFORE & AFTER INLINE AIR FILTER
2. 0-100" H2O VACUUM GAGE ON EACH SVE LEG (QTY=5)
3. AMETEK 25-125 CFM AIR FLOWMETRES ON EA. SVE LEG (QTY=5)
4. 0-30 PSI PRESSURE GAGE ON COMPRESSOR DISCHARGE
5. 0-30 PSI PRESSURE GAGE ON EACH SPARGE LEG (QTY=7)
6. DWYER VFC 2.5-25 CFM FLOWMETER ON EACH SPARGE LEG (QTY=7)
7. 0-300 DEG F TEMP GAGE BEFORE & AFTER HEAT EXCHANGER

SAMPLE PORTS:
1. BEFORE & AFTER CARBON
2. ON EACH SVE LEG (QTY=5)

CONTROLS:
1. DWYER XP HIGH LEVEL SHUT-OFF SWITCH ON SEPARATOR
2. DWYER XP LOW VAC SHUT-OFF SWITCH ON SVE INLET

LEGEND

V = VACUUM GAGE

PG = PRESSURE GAGE

FM w/ GV = FLOWMETER W/ GATE VALVE

SP = SAMPLE PORT

CV = CHECK VALVE

TG = TEMPERATURE GAGE

GV = GATE VALVE

FM = FLOWMETER

NOTES:
1. ALL MALE CAMLOCK CONNECTIONS INCLUDE DUST CAPS TO CLOSE OFF WHEN NOT USED.
2. AMOUNT OF SVE & SPARGE LEGS CAN BE INCREASED AS REQUIRED.
3. CONTROL LOGIC INCLUDES HIGH LEVEL SWITCH & LOW VAC SWITCH. BOTH CONTROLS DEACTIVATE ALL EQUIPMENT.
4. MAIN POWER CONNECTION IS 120/240 V, 3-PHASE.
5. TRAILER COMPLETELY PRE-PIPED & PRE-WIRED.
6. TRAILER ELECTRICAL MEETS CLASS 1, DIV 2 REQUIREMENTS.

No	REVISIONS	BY	DATE

SCALE: N.T.S.
DATE: 2-22-07
DRAWN BY: JNZ
CHECKED BY: JNZ
APPROVED BY: JNZ

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SVE & SPARGE TRAILER SYSTEM

ROTRON EN858 & BECKER KDT 3.140

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