RECEIVED
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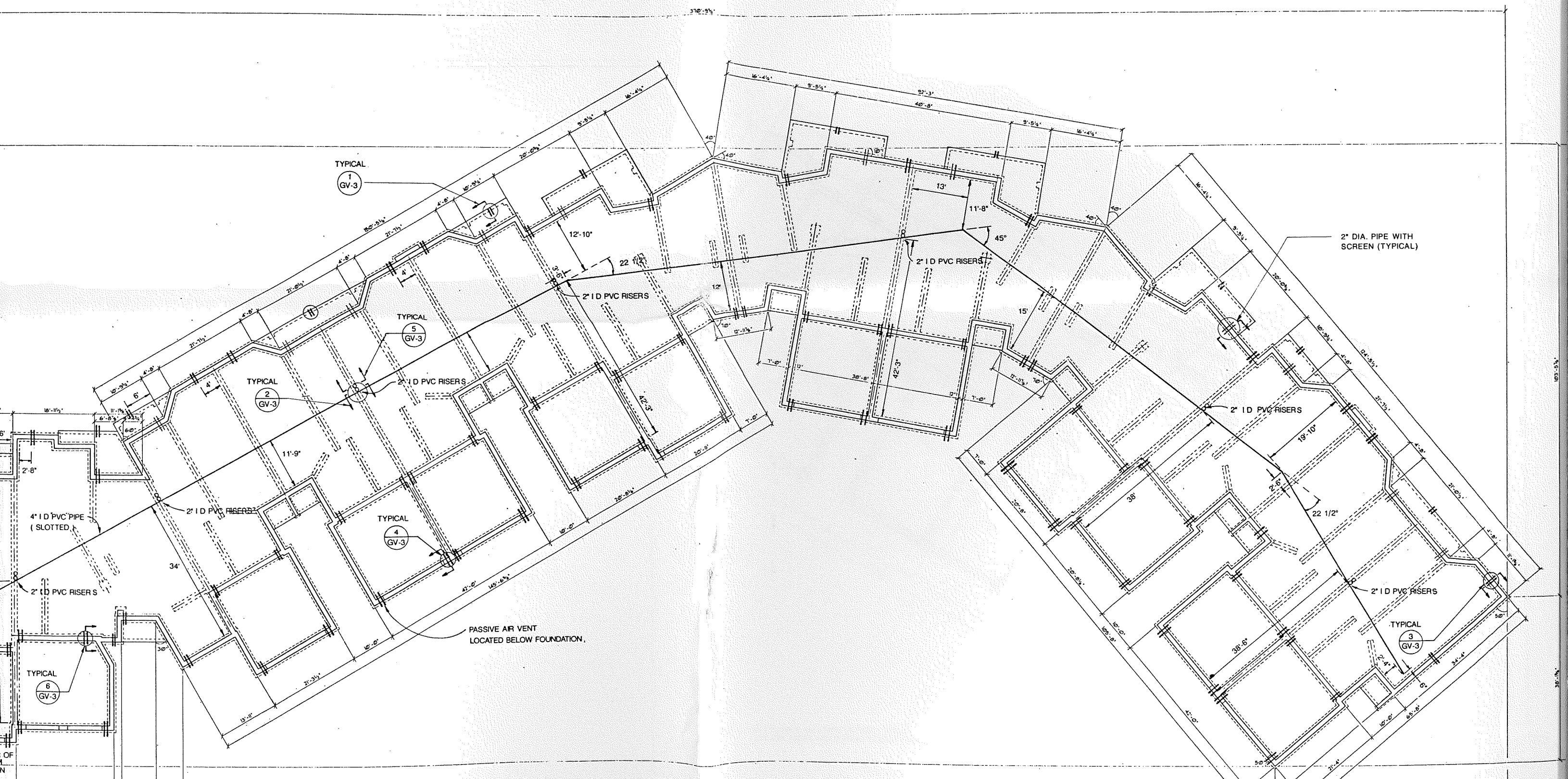
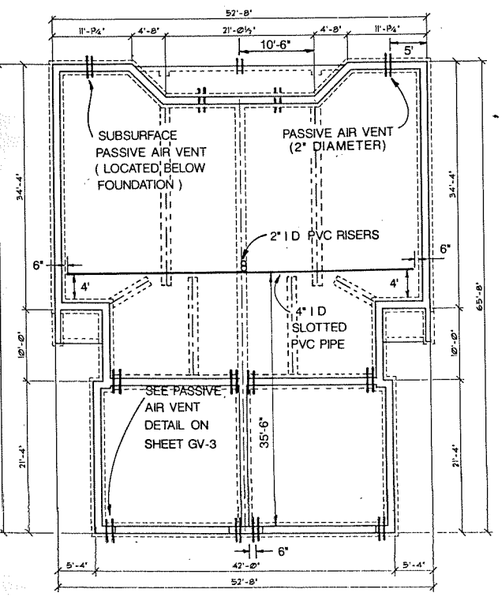
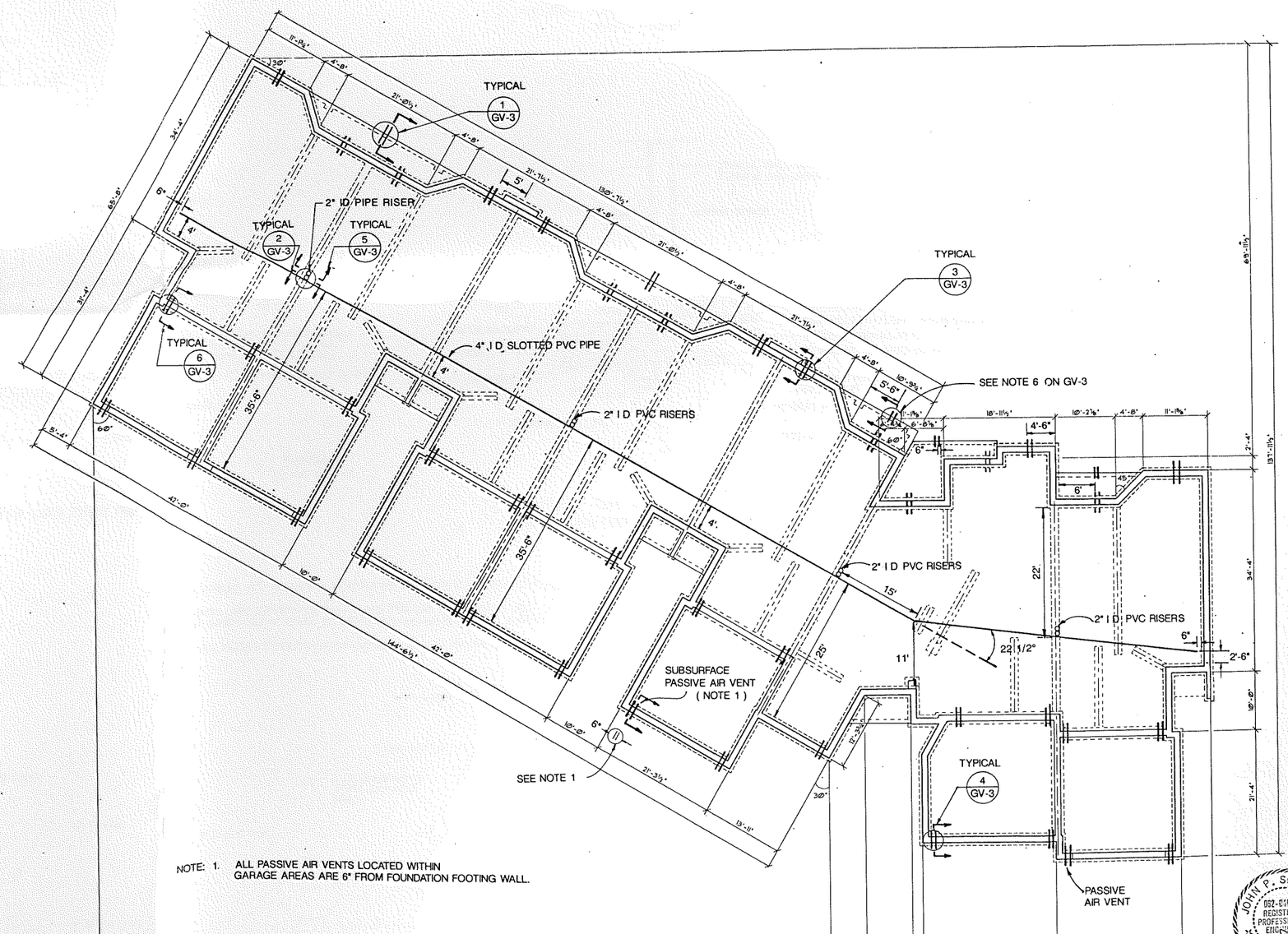
BUREAU OF SOLID -
HAZARDOUS WASTE MANAGE







NOTE: 1. ALL PASSIVE AIR VENTS LOCATED WITHIN GARAGE AREAS ARE 6" FROM FOUNDATION FOOTING WALL.

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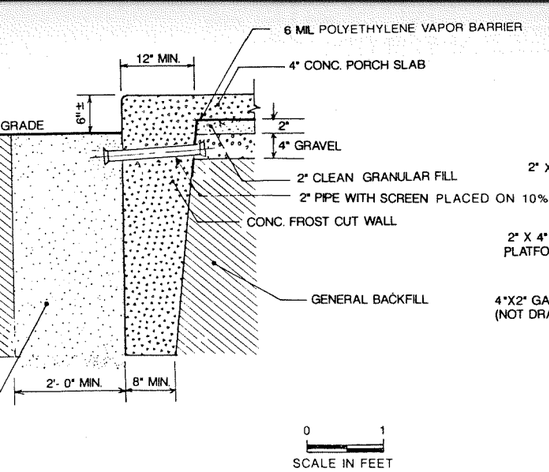
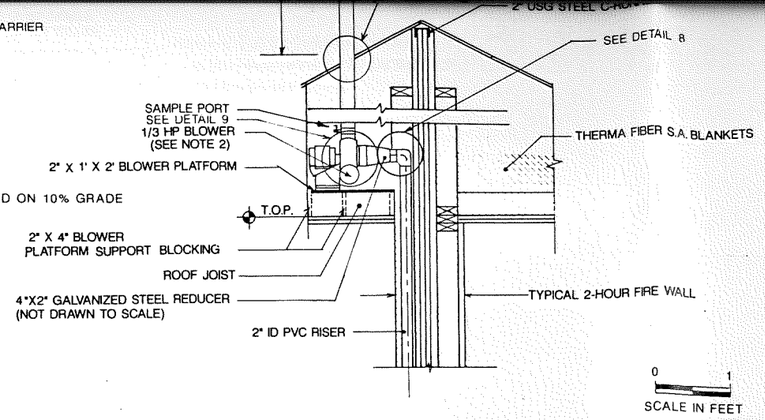
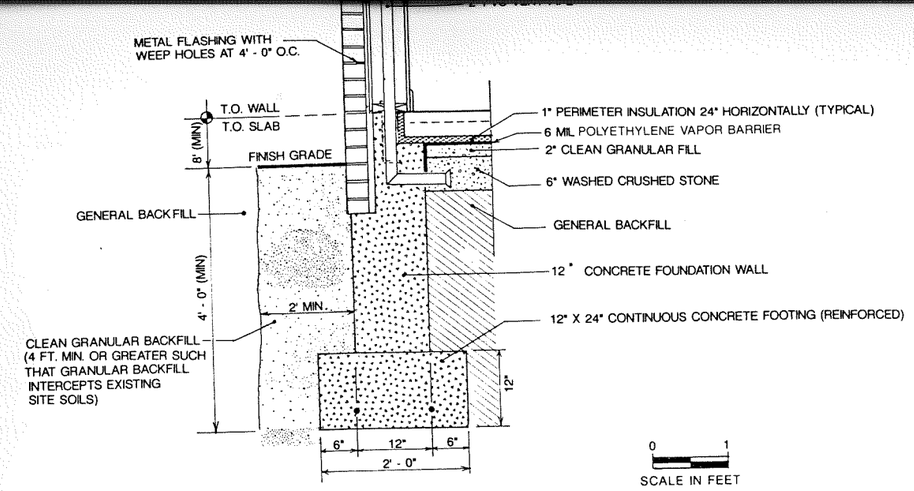


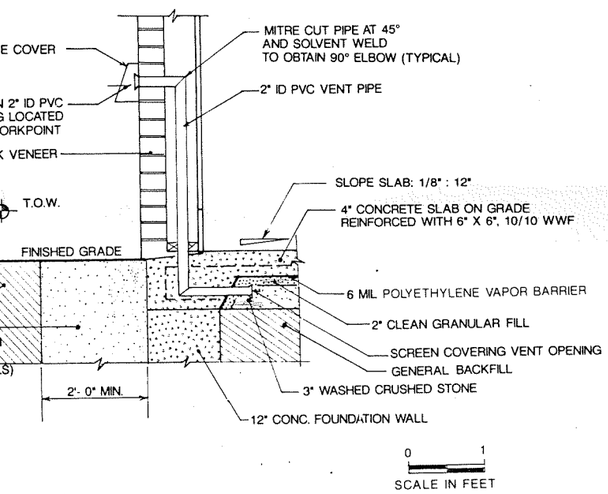
CKFILL AROUND FROST
CUT WALL



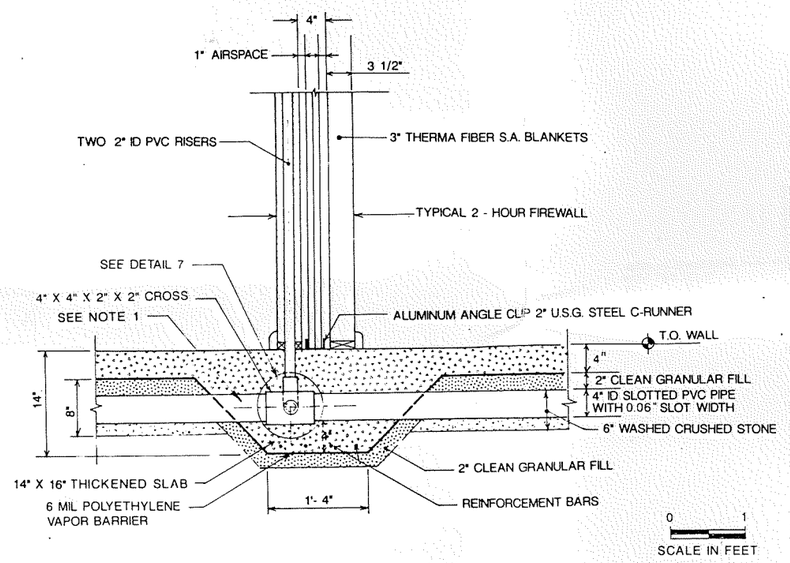
2 DETAIL: EXHAUST BLOWER/STACK DETAIL



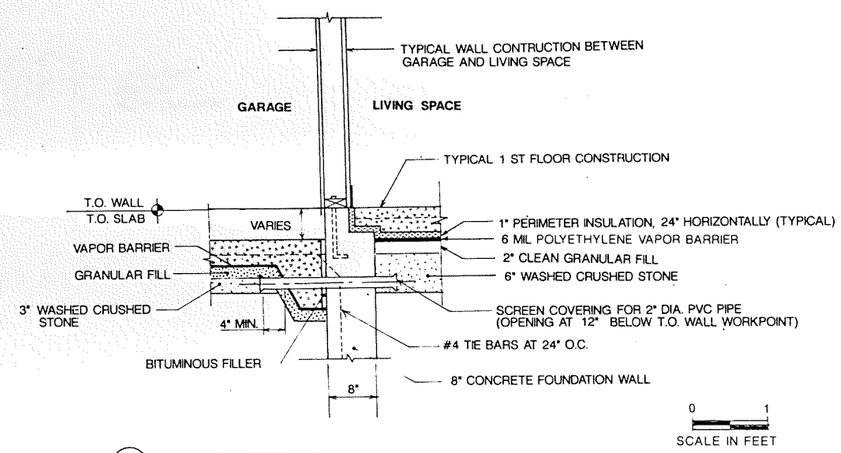
3 DETAIL: TYPICAL EXTERNAL WALL
WITH PASSIVE VENT PIPE



ETAIL: PASSIVE AIR VENT
NEAR GARAGE DOOR)



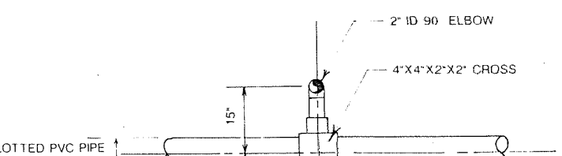
5 DETAIL: FOUNDATION WITH GAS VENT PIPING

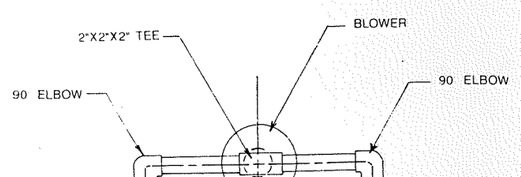


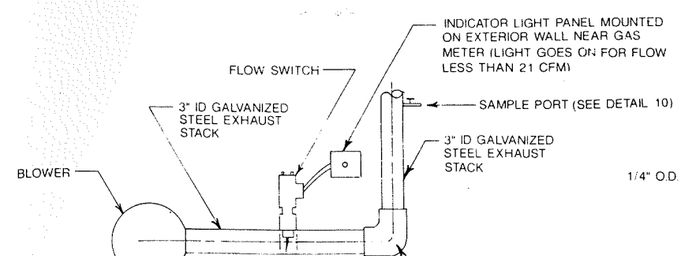
6 DETAIL: GAS VENT PIPE
BETWEEN GARAGE AND LIVING SPACE

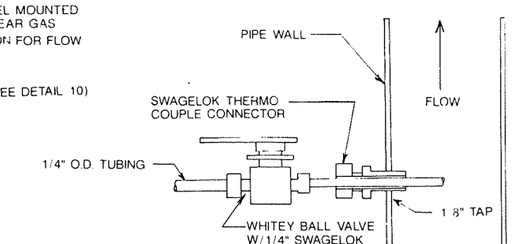
NOTES:

1. HORIZONTAL PVC (SCHEDULE 40) COLLECTION PIPE WITH SOLVENT WELDED JOINTS.
2. DIRECT-CONNECTED 1/3 HP BLOWER. SERVICE ACCESS TO ATTIC IS THROUGH REMOVEABLE CEILING SECTION. EXHAUST STACK SAMPLING PORT (LOCATED 1 FOOT FROM BLOWER) WILL ALLOW PERIODIC AIR SAMPLING TO CHECK SYSTEM PERFORMANCE. INDICATOR BOX FOR FLOW METER AND SEPARATE ELECTRIC METER WILL BE LOCATED OUTSIDE OF THE BUILDING NEAR GAS METER.
3. PASSIVE VENT PIPE OPENINGS ARE LOCATED 4" (MINIMUM) FROM CONCRETE FOUNDATION WALL.
4. DETAIL 5 DOES NOT REQUIRE A REDUCER TEE AND VERTICAL RISER WHEN HORIZONTAL COLLECTION PIPE PASSES THROUGH FOUNDATIONS AND A VERTICAL RISER NOT REQUIRED.
5. DRAWINGS LABELED WITH "GV" PREFIX ARE FOR GAS VENT SYSTEM ONLY. ALL OTHER ITEMS (SLABS, FOOTINGS, WALLS, ETC.) ARE FOUND ON OTHER SHEETS (EG "B" SERIES, "D" SERIES DRAWINGS FROM THE MARTIN ORGANIZATION)
6. VENT PIPE PASSES THROUGH FROST CUT WALL AT 11.5" BELOW TOP OF PORCH SLAB.









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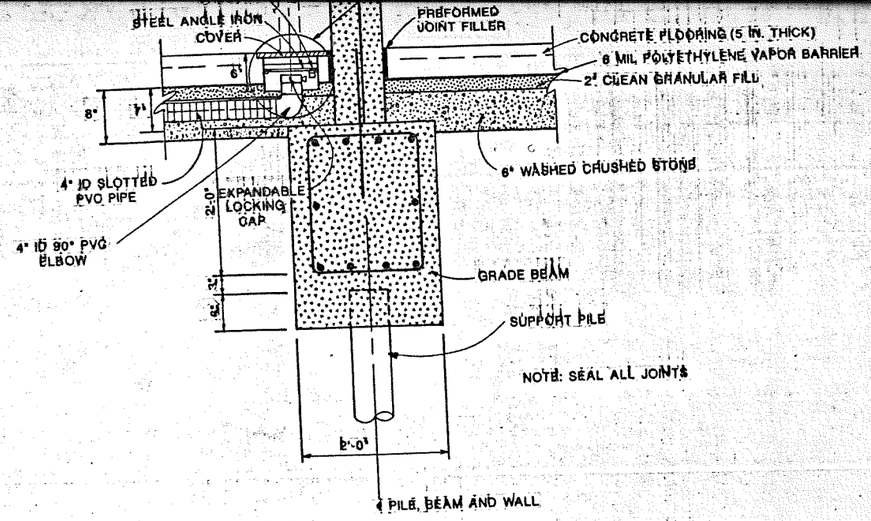
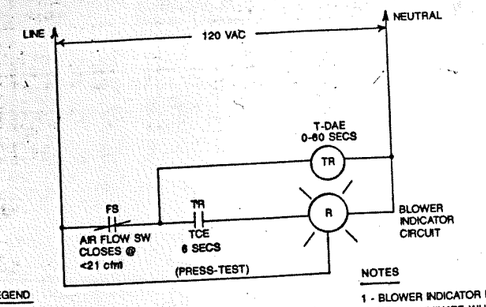


11 DETAIL: FLUSH MOUNTED PROTECTIVE CASING

(SEE NOTE 3 ON GV-5)
(NOT TO SCALE)



LEGEND

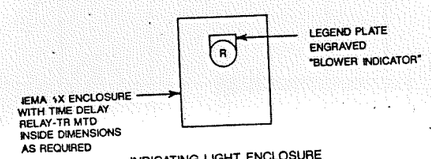
TR=TIME DELAY RELAY
TCE=TIME CLOSURE UPON ENERGIZING
T-DAE=TIME DELAY AFTER ENERGIZING
R=RED LAMP
FS=FLOW SWITCH
Q=AIR FLOW

NOTES

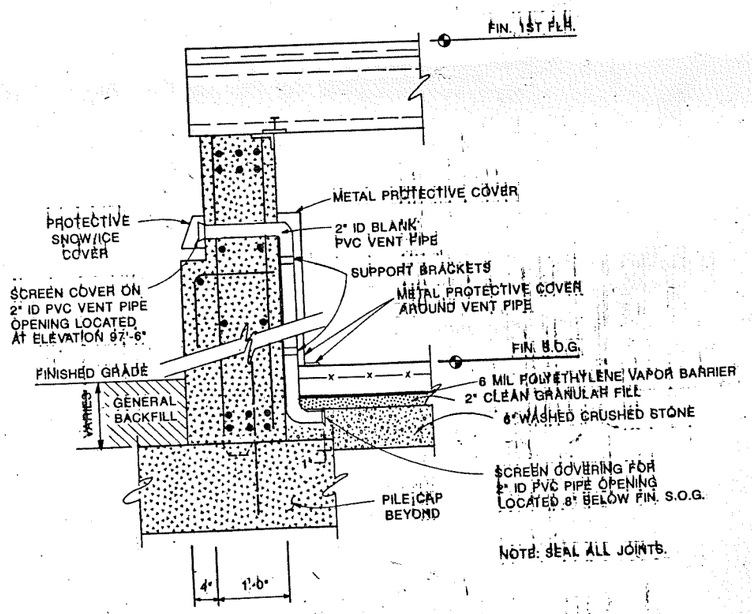
1 - BLOWER INDICATOR LAMP WILL ILLUMINATE WHEN Q IS LESS THAN 21CFM.

2 - PRESS TEST FEATURE ALLOWS CHECK OF RED LAMP'S ABILITY TO ILLUMINATE.

GAS VENT BLOWER OPERATION INDICATOR
(NOT TO SCALE)

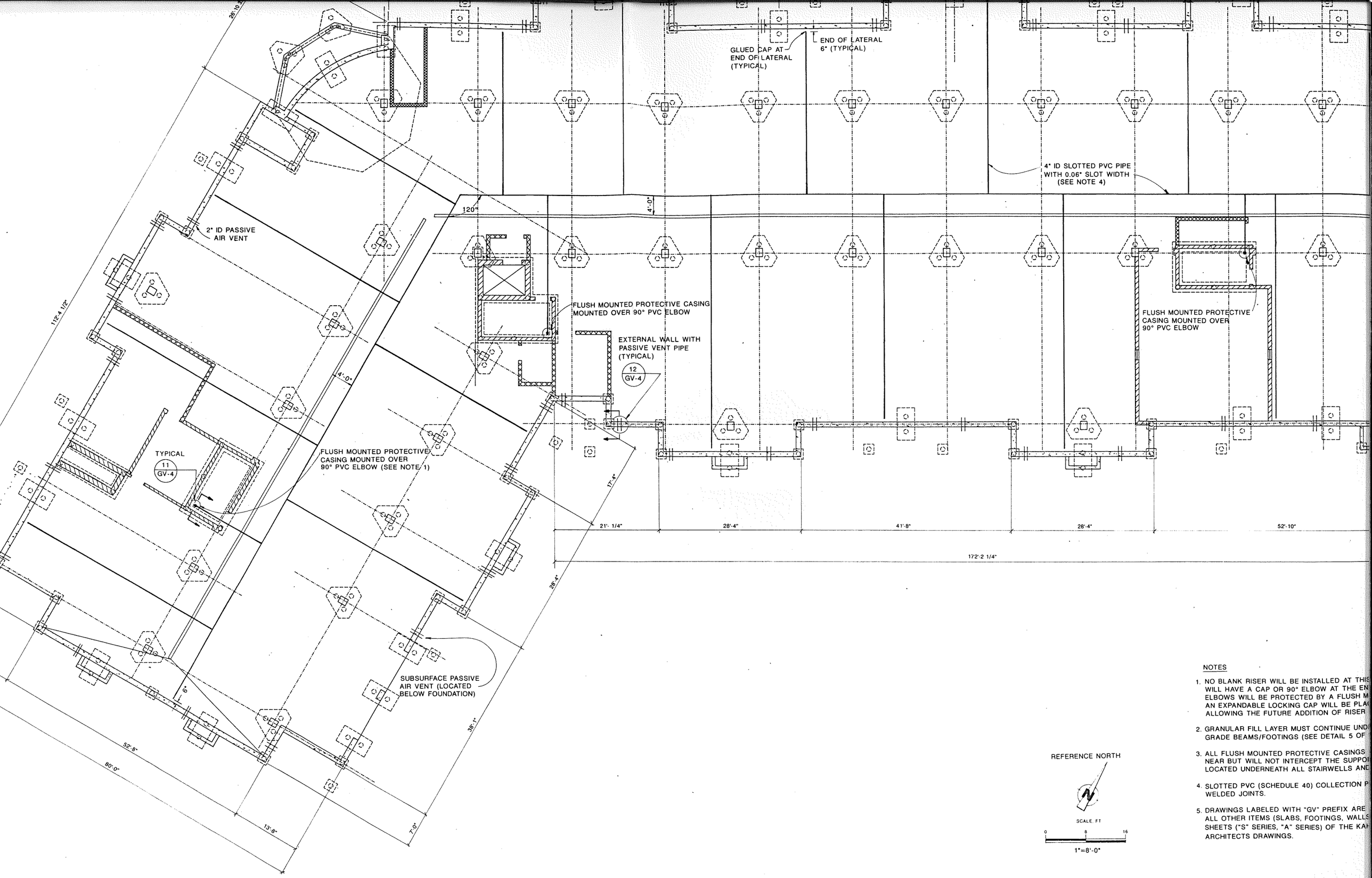


INDICATING LIGHT ENCLOSURE
(NOT TO SCALE)



12 DETAIL: EXTERNAL WALL WITH PASSIVE VENT PIPE

(NOT TO SCALE)



NOTES

1. NO BLANK RISER WILL BE INSTALLED AT THIS WILL HAVE A CAP OR 90° ELBOW AT THE EN ELBOWS WILL BE PROTECTED BY A FLUSH M AN EXPANDABLE LOCKING CAP WILL BE PLA ALLOWING THE FUTURE ADDITION OF RISER
2. GRANULAR FILL LAYER MUST CONTINUE UND GRADE BEAMS/FOOTINGS (SEE DETAIL 5 OF
3. ALL FLUSH MOUNTED PROTECTIVE CASINGS NEAR BUT WILL NOT INTERCEPT THE SUPPO LOCATED UNDERNEATH ALL STAIRWELLS AND
4. SLOTTED PVC (SCHEDULE 40) COLLECTION P WELDED JOINTS.
5. DRAWINGS LABELED WITH "GV" PREFIX ARE ALL OTHER ITEMS (SLABS, FOOTINGS, WALLS SHEETS ("S" SERIES, "A" SERIES) OF THE KA ARCHITECTS DRAWINGS.