

SUPPLY REGISTERS	T-B	AN 647 W/APPROVED DAMPERS	BLADE VOL
REG. NO.	C.F.M.	F.P.M.	REG. SIZE DUCT SIZE
1.	1200	900	30 X 8 25 X 9
2.	460	900	12 X 8 30 X 9
3.	205	1000	8 X 6 30 X 12
4.	205	1000	8 X 6 30 X 12
5.	900	1000	18 X 10 30 X 10
6.	900	1000	18 X 10 30 X 10
7.	900	900	24 X 8 30 X 9
8.	350	900	10 X 8 16 X 9
9.	410	900	12 X 8 8 X 9

FIRE DAMPERS AS MFG BY AIR BALANCE			
LOCATION	SIZE	TYPE	
A	RETURN AT BOILER R WALL (2)	33" X 26"	model 119 Type B-ULL Label
B	SUPPLY AT WALL PENET	30" X 9"	"
C	"	30" X 9"	"
D	"	30" X 30"	"
E	RETURN AT WALLS	front chf to side (2) 24" X 18"	"

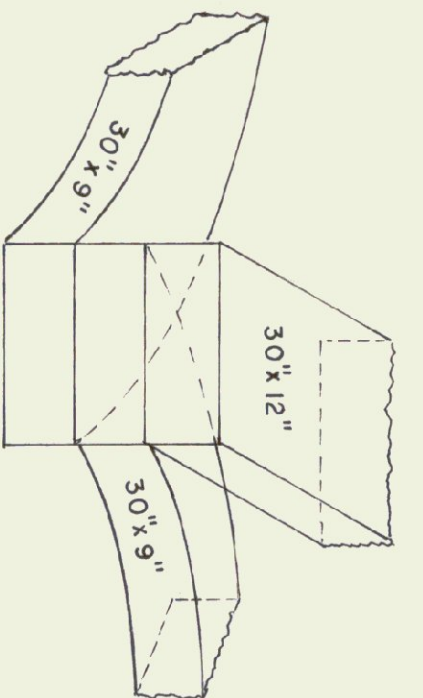
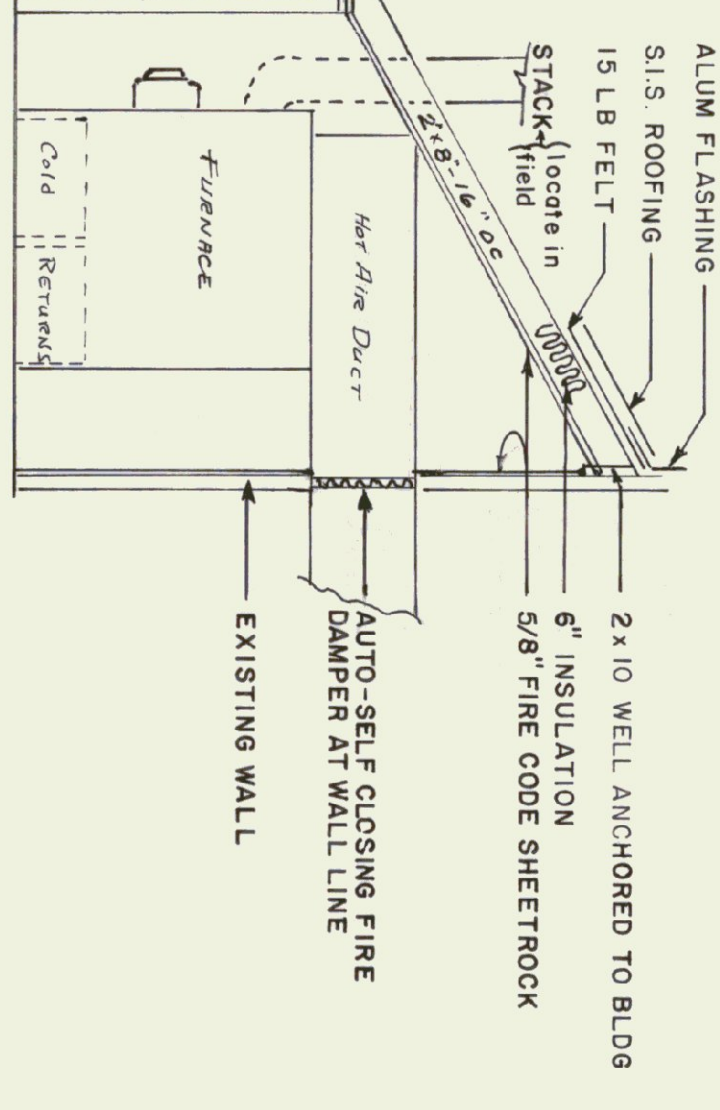
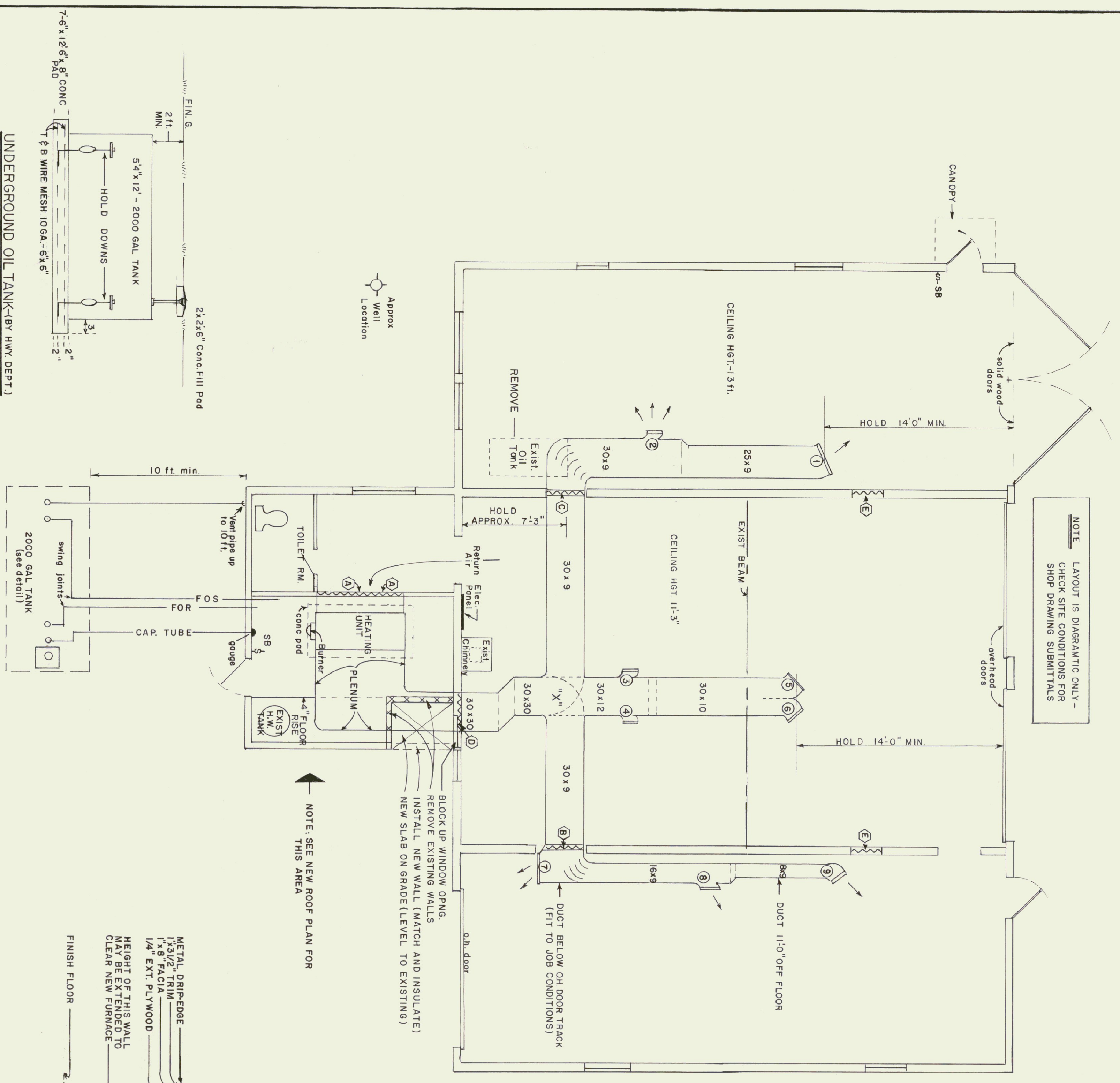


DIAGRAM SECTION AT "X" SHOWING
DUCT INTERSECTION
(FIT TO JOB CONDITIONS)
N.T.S.



ROOF CHANGE FOR NEW DUCT
(1/4" = 1' FOOT, APPROX)

NOTE: LAYOUT IS DIAGRAMATIC ONLY -
CHECK SITE CONDITIONS FOR
SHOP DRAWING SUBMITTALS



NOTE: SEE NEW ROOF PLAN FOR
THIS AREA

UNDERGROUND OIL TANK-(BY HWY DEPT.)
(1/4" = 1' FOOT)

- GENERAL NOTES:
1. INSTALL DUCTWORK AS CLOSE TO CEILING AS POSSIBLE.
 2. ALL DUCTWORK SHALL BE LONG SLEEP OR TURNING VANES.
 3. THE DUCTWORK SHALL BE PROVIDED WITH SUFFICIENT EXPANSION OR VIBRATION ISOLATION JOINTS TO ELIMINATE ANY VIBRATION GENERATED BY BURNER AND FAN UNITS.
 4. PLENUM AND DUCTWORK SHALL BE FABRICATED FROM 24 GAUGE ALUMINUM. GALVANIZED SHEET METAL OR 29 GAUGE ALUMINUM, SHALL BE INSTALLED IN GENERAL LOCATIONS AS SHOWN ON DRAWINGS.
 5. MAIN AIR SUPPLY REGISTERS SHALL DIRECT FLOW UNIFORMLY TO THE SIDES AND DOWN.
 6. CUTTING AND PATCHING: THE HEATING CONTRACTOR SHALL LAYOUT AND ADVISE HIGHWAY DEPT. OF LOCATION OF ALL OPENINGS THROUGH EXISTING FRAMEWORK REQUIRED TO PERMIT THE ENTRANCE OF ALL EQUIPMENT AND DUCTWORK WITHIN THE BUILDING. THE CUTTING AND PATCHING SHALL BE DONE BY THE HEATING CONTRACTOR. PATCHWORK SHALL BE ALL ANCHORS AND INSERTS SHALL BE FINISHED "F" FIRE-RESISTANT SET AS REQUIRED FOR ALL PIPING EQUIPMENT, FIRE-DAMPERS, AND DUCTWORK BY THE HEATING CONTRACTOR.
 7. THE CONTRACTOR SHALL FURNISH SHOP DRAWINGS AND EQUIPMENT CUTS FOR APPROVAL PRIOR TO FABRICATION AND ORDER OF MATERIALS AND EQUIPMENT. SUBMIT FOUR (4) COPIES TO PROJECT ENGINEER FOR APPROVAL.
 8. AS NOTED ON DRAWINGS, ALL SUPPLY AND RETURN DUCTWORK SHALL BE RECORDED ON OIL TANK: 1" - 2000 GAL. BURIED OIL TANK: 5" DIAMETER X 12' - 2" X 3/16" SHALL BE FURNISHED AND SET BY HIGHWAY DEPT. THE HEATING CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING, VENTS, FUEL-GAUGE, AND NECESSARY LABOR AND MATERIALS FOR A COMPLETE HOOKUP TO BURNER. ALL BURIED PIPING TO BE GIVEN PROTECTIVE COATING OF BLACK-ASPHALTUM PAINT BEFORE BACKFILLING.
 - 9.
 - 10.

APPROVED DATE 3-4-77
SIGNED *Shawn D. Clarke*
(MAINTENANCE MANAGEMENT ENGINEER)

STATE OF VERMONT
STATE BUILDINGS DIVISION
DEPARTMENT OF ADMINISTRATION
MONTPELIER, VERMONT

MENDON HIGHWAY GARAGE
DIST #3 SUB STATION GAR.
HEATING RENOVATIONS

DATE: JAN 77
REV. MAR 2, 77
DRAWN BY: DCS

DESIGNED BY: GNM & TJS
APPROVED BY: S.M. CHED

DWG. NO. 1 OF 1