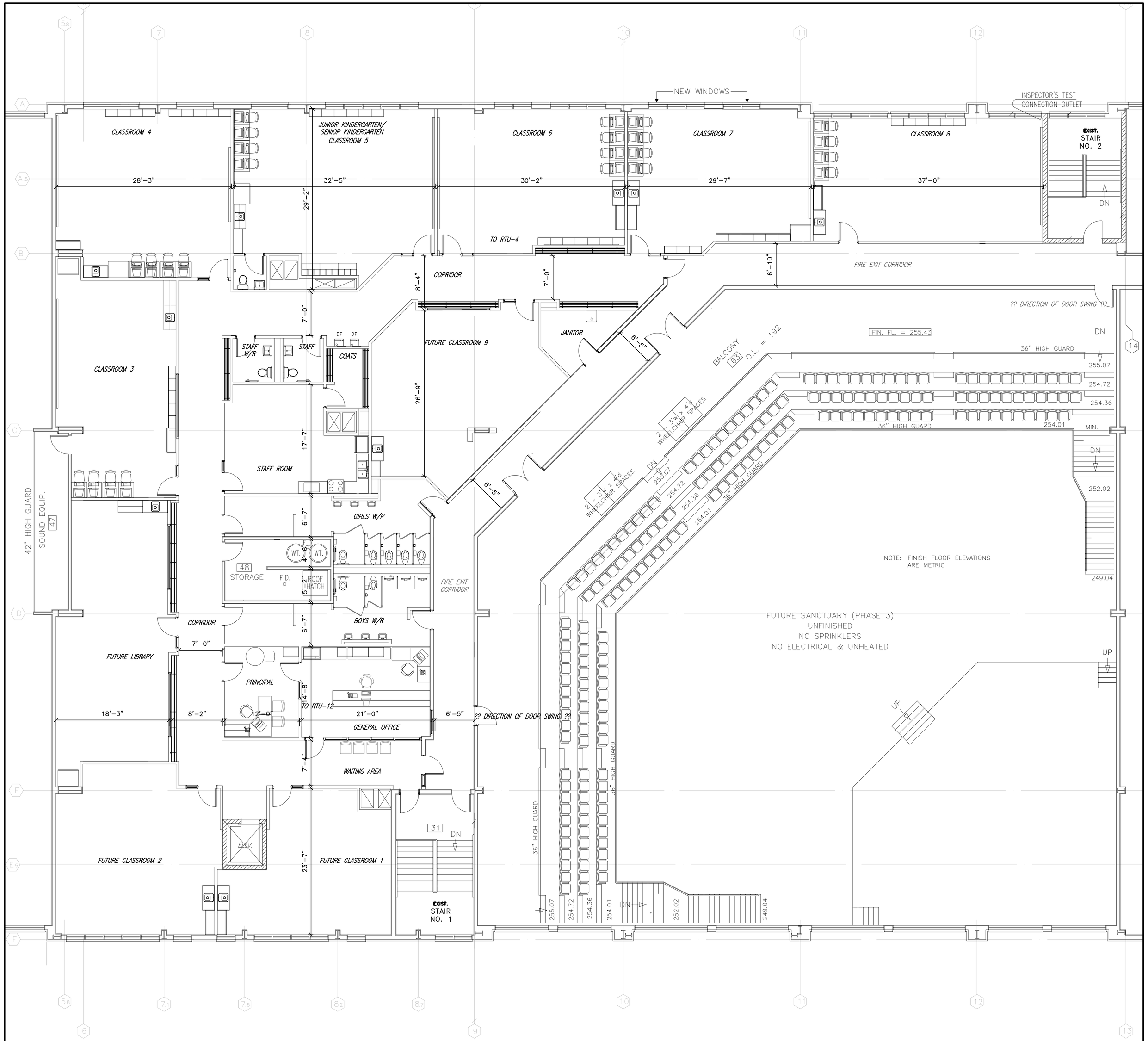

1 / A-1 **PART SECOND FLOOR PLAN**
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. PROVIDE SPIN-ON COLLARS WITH BALANCING DAMPER. (TYPICAL)
2. PROVIDE ROUND DUCTWORK TO FLEX AS SHOWN. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK TO 5'-0".
3. PROVIDE GEAR CLAMPS FOR CONNECTIONS TO ALL DIFFUSERS.
4. PROVIDE 1" ACOUSTIC DUCT LINER AS SHOWN.
5. PROVIDE THERMAL INSULATION WITH VAPOUR BARRIER FOR ALL EXHAUST DUCTS CONNECTING TO THE EXTERIOR, A MINIMUM OF 10' FROM THE OUTSIDE WALL.
5. CEILING SPACE IS THE RETURN PLENUM

EQUIPMENT SPECIFICATIONS

EXISTING ROOF TOP UNIT RTU-4:
LENNOX MODEL TGA150, GAS FIRED HEAT/COOL UNIT,
COOLING CAPACITY: 150,000 BTU/HR TOTAL, 120,000 BTU/HR SENSIBLE
HEATING CAPACITY: 192,000 BTU/HR INPUT, 150,000 BTU/HR OUTPUT
AIR FLOW: 6,000cfm AT 1.25" WC, MINIMUM 1,800 cfm OUTSIDE AIR.
ELECTRICAL CHARACTERISTICS: 600V/3PH/60Hz
PROVIDE COMMERCIAL PROGRAMMABLE THERMOSTAT.

EXISTING ROOF TOP UNIT RTU-12:
LENNOX MODEL TGA090, GAS FIRED HEAT/COOL UNIT,
COOLING CAPACITY: 90,000 BTU/HR TOTAL, 60,000 BTU/HR SENSIBLE
HEATING CAPACITY: 180,000 BTU/HR INPUT, 145,000 BTU/HR OUTPUT
AIR FLOW: 3,000cfm AT 1.25" WC, MINIMUM 600 cfm OUTSIDE AIR.
ELECTRICAL CHARACTERISTICS: 600V/3PH/60Hz
PROVIDE COMMERCIAL PROGRAMMABLE THERMOSTAT.

EXHAUST FAN EF SPECIFICATIONS

EF-1 – CENTRIFUGAL CEILING MOUNTED EXHAUST FAN.
AIR FLOW: 75cfm AT 0.250" S.P., 120V, 135 WATTS
ACCEPTABLE MATERIAL GREENHECK MODEL SP-6.5
C/W ROOF CAP MODEL RCC-7

EF-2 – CENTRIFUGAL CEILING MOUNTED EXHAUST FAN.
AIR FLOW: 500cfm AT 0.375" S.P., 120V, 135 WATTS
ACCEPTABLE MATERIAL GREENHECK MODEL SP-255
C/W ROOF CAP MODEL GRS-10

No.	REVISION	DATE	BY
2	ISSUED FOR REVIEW	AUG. 1/07	RN
1	ISSUED FOR REVIEW	MAY 23/07	RN

No.	ISSUE	DATE	BY

CLIENT
STOUFFVILLE CHRISTIAN SCHOOL

PROJECT NAME
TENANT RENOVATIONS

DRAWING TITLE
ARCHITECTURAL CONCEPT

DATE
DRAWN BY
SCALE
CHECKED BY
DRAWING No.
PROJECT No.