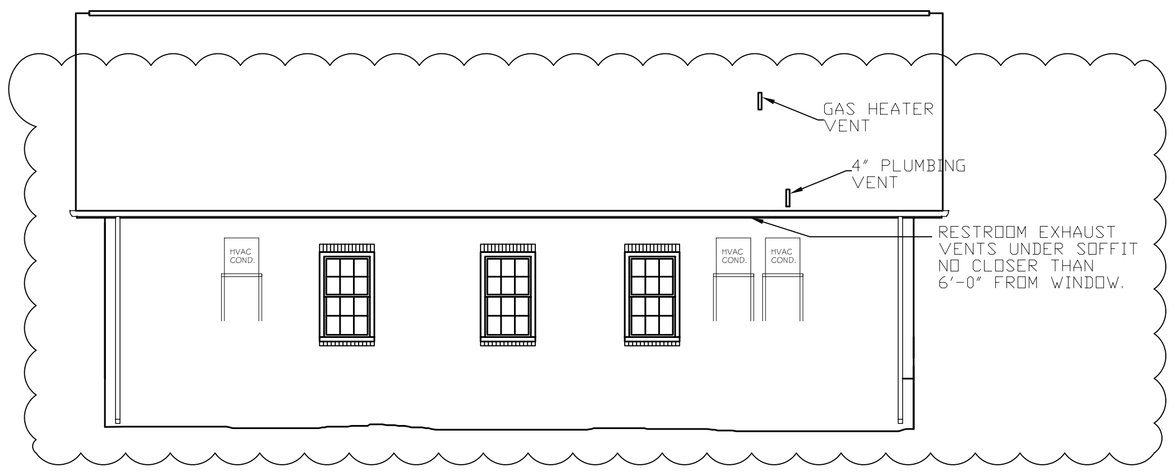
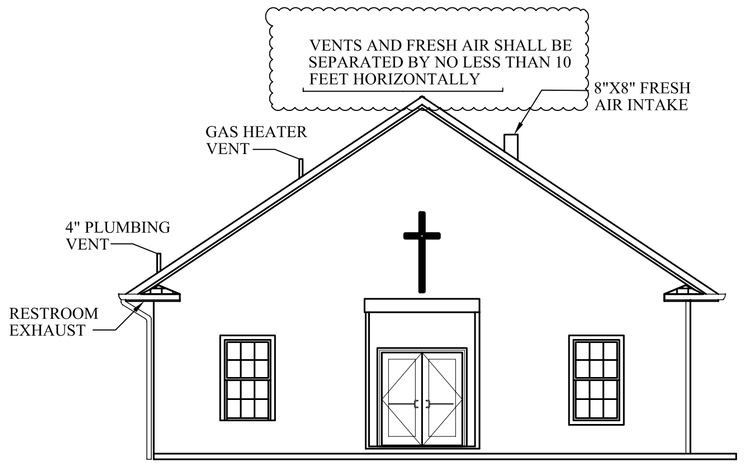


LEFT SIDE ELEVATION

SCALE: N.T.S.



NOTE: ALL EXHAUST AND FRESH AIRE SHALL BE AT LEAST 10' FROM PROPERTY LINE.

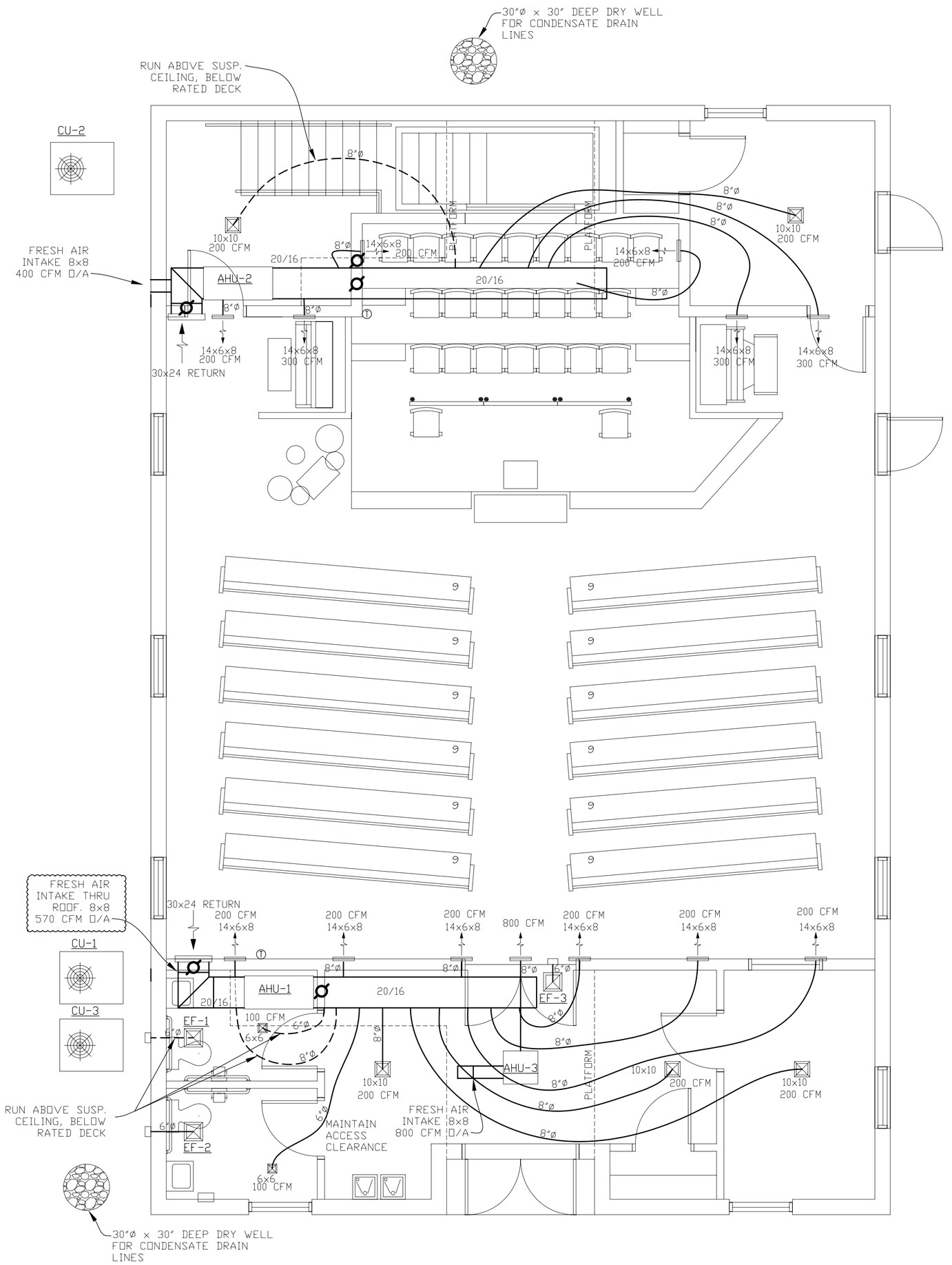
FRONT ELEVATION

SCALE: N.T.S.

AIR BALANCE SCHEDULE					
	CU-1	CU-2	CU-3	EF-1	EF-2
OUTSIDE AIR FLOW (CFM)	570	400	800	0	0
RETURN AIR FLOW (CFM)	1,430	1,600	0	0	0
SUPPLY AIR FLOW (CFM)	2,000	2,000	800	0	0
EXHAUST AIR FLOW (CFM)	0	0	0	75	1500
BUILDING PRESSURE (CFM)	570	400	800	-75	-1500
QUANTITIES	1	1		2	1
TOTAL PRESSURIZATIONS	570	400	800	-150	-1500
REMARKS					
RESULTING BUILDING PRESSURIZATION (CFM)					120

EXHAUST FAN SCHEDULE				
LOC	CFM	VOLTAGE	TYPE	MANF.
EF-1	75	120	VENT/LIGHT	-
EF-2	75	120	VENT/LIGHT	-
EF-3	1500	120		-

A/C SPLIT UNIT SCHEDULE								
UNIT	TOTAL BTU	CFM	O.A.	HEAT (KW)	ELECTRICAL			COMMENTS
					VOLTAGE	MCA	CKT BRKR	
AHU-1	60,000 5 TON	2,000	570	-	240V,1Ø	28.3	PNL-2,4	CARRIER
AHU-2	60,000 5 TON	2,000	400	-	240V,1Ø	28.3	PNL-6,8	
AHU-3	24,000 2 TON	800	800	-	240V,1Ø	28.3	PNL-32,34	



LEGEND

- ø – FIRE DAMPER
- – COMPRESSOR UNIT
- – DIFFUSER, SIZE NEXT TO EACH
- – DIFFUSER, SIZE NEXT TO EACH

MECHANICAL PLAN

SCALE: 1/4"=1'-0"

1 / M2.1

THESE PLANS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, COMPLY WITH ALL THE BUILDING CODES OF THE CITY OF NEW ORLEANS, AS WELL AS STATE AND NATIONAL CODES. I AM NOT SUPERVISING THE WORK.

BRIAN A. MISTICH

DAMMON ENGINEERING, INC.
EMMETT DAMMON

ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
985-649-5832

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE

ENGINEERING

STUDIES

PLANNING

INVESTIGATION

EXPERT WITNESS

NEW BAPTIST CHURCH

BEULAH LAND
BAPTIST CHURCH
2436 ST. MAURICE AVE.
NEW ORLEANS, LA

MECHANICAL PLAN

REV: 2/1/08

SCALE: AS NOTED

JOB#: 1910

DATE: 12-14-07

SHEET 16

M-2

OF 20