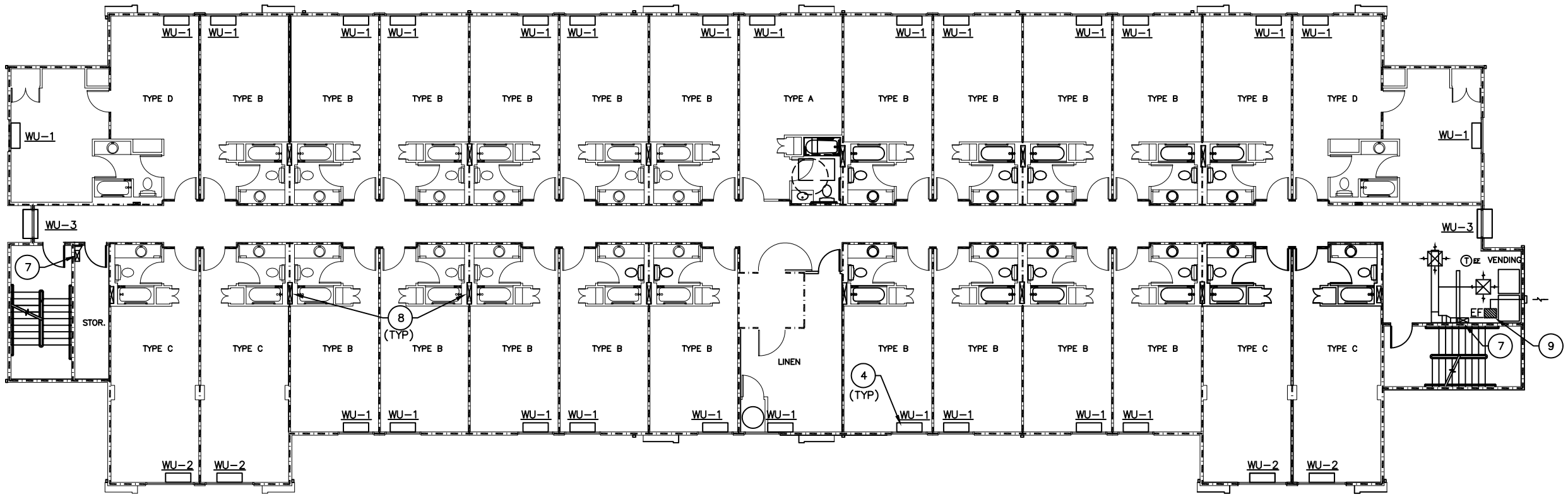


SECOND & THIRD FLOOR MECHANICAL PLAN
SCALE: 1/8"=1'-0"

DENOTES 1 HR. FIREWALL– SEE UL U333 OR U356, SHT. A-2

EXHAUST FAN SCHEDULE				
LOC	CFM	VOLTAGE	TYPE	MANF.
TOILETS	150	120	VENT/LIGHT	BROAN

A/C UNIT SCHEDULE								
NO.	TOTAL BTU	CFM	O.A.	HEAT (KW)	ELECTRICAL			COMMENTS
					VOLTAGE	MCA	CKT BRKR	
1	120,000 10 TON	4,000	1,725	15	208V,3ø	–	–	
2	72,000 6 TON	2,400	500	10	208V,3ø	–	–	
3	12,000 1 TON	400	–	–	208V,3ø	–	–	
WU-1					208V,3ø	–	–	GE 25 SERIES
WU-2					208V,3ø	–	–	GE 25 SERIES

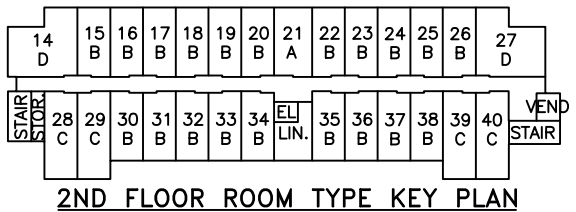
NOTE:
SEE EXHAUST CHASE DETAIL SHEET A-6 FOR GUEST ROOM TOILET EXHAUST

KEYNOTES

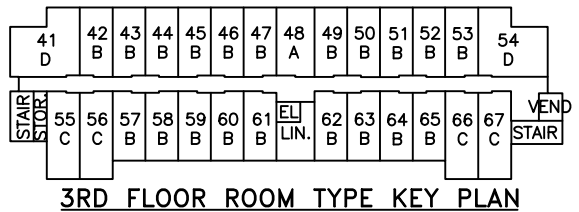
1. MULTI-ZONE AIRHANDLING UNIT (AHU) W/ ELECTRIC COOLING & ELECTRIC DUCT HEATERS.
2. GROUND MOUNTED AIR COOLED CONDENSING UNIT FOR AHU.
3. CONSTANT VOLUME AIR HANDLING UNIT MOUNTED TIGHT TO CEILING.
4. PACKAGED TERMINAL AIR CONDINTIONING UNIT (PTAC).
5. ELECTRIC UNIT HEATER SUSPENDED FROM CEILING.
6. DUCTLESS AIRHANDLER (COOLING ONLY) SUSPENDED FROM CEILING.
7. CORRIDOR S/A DUCTWORK FROM CONSTANT VOLUME AIRHANDLING UNITS IN ATTIC.
8. TOILET CENTRAL EXHAUST STACK UP TO ATTIC.
9. CEILING MOUNTED IN-LINE EXHAUST FAN W/ T-STAT FOR ICE MACHINE HEAT REMOVAL. DISCHARGE DUCT TO BE ROUTED TO EXTERIOR WALL CAP.

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS TO COORDINATE LOCATION(S) & MOUNTING OF MECHANICAL EQUIPMENT.
2. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 5'-0".
3. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATION(S) AND COORDINATE AS REQUIRED.
4. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
5. PROVIDE AND INSTALL SMOKE DETECTORS, AS APPROVED BY LOCAL AHJ'S, IN RETURN AIR AND SUPPLY AIR DUCT OF AIR HANDLING UNITS (AHU-1, 2 & 3). PLACE NEAR R/A AND S/A OPENING OF AHU AND PROVIDE WITH ACCESS PANEL. WIRING BY ELECTRICAL CONTRACTOR.



2ND FLOOR ROOM TYPE KEY PLAN



3RD FLOOR ROOM TYPE KEY PLAN

DESIGN 3 REVISED: 02-09-07

2ND & 3RD FL. MECH. PLAN

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

SCALE:AS NOTED

FILE:

JOB NO. 1694

DATE: 11-01-05

SHEET
M-2
OF