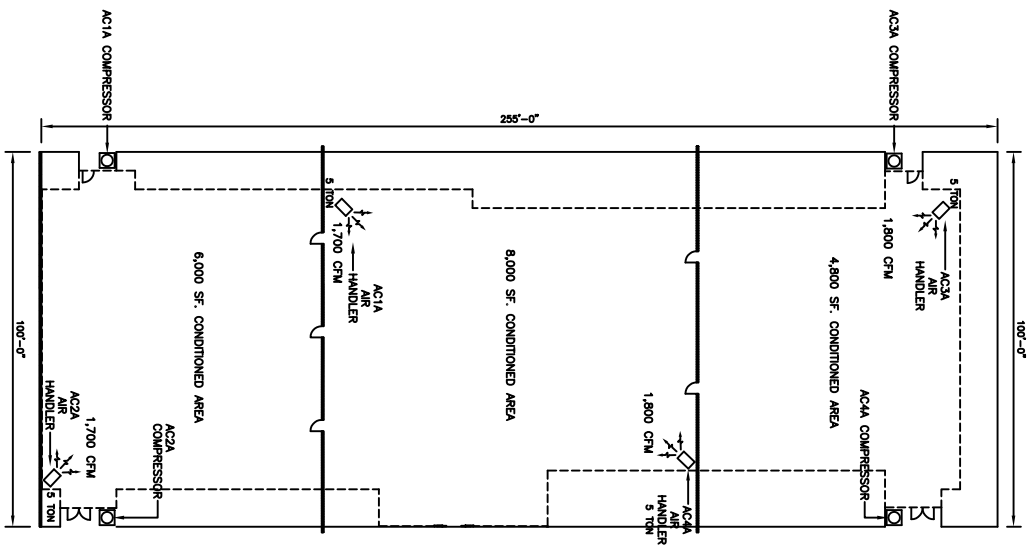
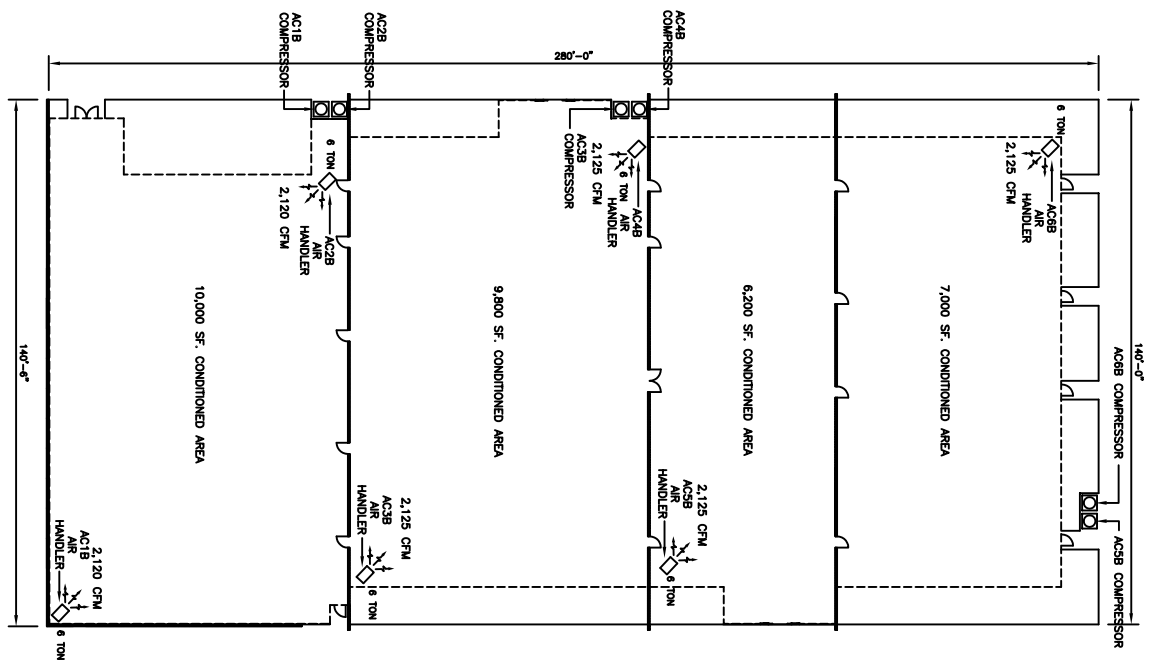


MECHANICAL PLAN - BLDG A
SCALE: 1/16" = 1'-0"



MECHANICAL PLAN - BLDG B
SCALE: 1/16" = 1'-0"



A/C UNIT SCHEDULE - BLDG.A

NO.	TOTAL RTU	CFM	O.A.	HEAT ELEC.	VOLTAGE	ELECTRICAL ICA	EXT BRKR	COMMENTS
1A	60,000	2,000	200	5 KW	240V, 3ø	-	15,17	
2A	60,000	2,000	200	5 KW	240V, 3ø	-	16,18	(VERIFY WITH OWNER)
3A	5 TON	2,000	300	5 KW	240V, 3ø	-	19,21	
4A	60,000	2,000	300	5 KW	240V, 3ø	-	20,22	

A/C UNIT SCHEDULE - BLDG.B

NO.	TOTAL RTU	CFM	O.A.	HEAT ELEC.	VOLTAGE	ELECTRICAL ICA	EXT BRKR	COMMENTS
1B	72,000	2,400	280	5 KW	240V, 3ø	-	1,3	
2B	72,000	2,400	280	5 KW	240V, 3ø	-	2,4	
3B	72,000	2,400	275	5 KW	240V, 3ø	-	5,7	
4B	72,000	2,400	275	5 KW	240V, 3ø	-	6,8	(VERIFY WITH OWNER)
5B	72,000	2,400	275	5 KW	240V, 3ø	-	9,11	
6B	72,000	2,400	275	5 KW	240V, 3ø	-	10,12	

HVAC NOTES

- CONCEALED DUCTWORK TO BE UL-181, CLASS 1, FIBERGLASS DUCTBOARD. DUCTS SHALL BE SIZED TO HANDLE DESIGN CFM & SECONDARY DUCTS TO 900 CFM. TO BE INSTALLED PER SMACNA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL PER SMACNA STANDARDS. LINE WITH NEOPRENE COATED 1.0" 1.5 POUNDS PER CUBIC FOOT DUCT INSULATION.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125 "F" PRESTAIR IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS AIR INTAKES.
- PROVIDE UL LISTED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE FEET OF AIR HANDLING UNITS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN EQUAL TO BROAN MODEL NO. 100 CF. OR EQUAL. FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCH. DWGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- INSTALL FIRE DAMPER WHERE S.A. & R.A. DUCTS PENETRATE 1 HOUR RATED CEILING.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALLED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAME AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814).

PLANET STORAGE
DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5882 SLIDELL, LA. 70466
DAMMONENGINEERING.COM

BLDG. A & B MECHANICAL PLANS
JEFF BRELAND
64287 HWY 41
PEARL RIVER, LOUISIANA

SCALE(S) NOTED
FILE: _____
JOB NO. 1757
DATE: 6-19-06
SHEET 20
M-2
OF 27