

NOTE:
FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEMS ARE RUNNING. ALL RETURN STAYS IN THE RETURN DUCT SHALL BE INSTALLED PER SMACNA STANDARDS. SECTION 502.4.4 OR 503.2.4.3 2006 INTERNATIONAL ENERGY CODE

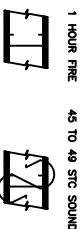
HVAC NOTES

1. CONCEALED DUCTWORK TO BE UL-181, CLASS 1, FIBERGLASS DUCTBOARD. DUCTS SHALL BE SIZED TO LIMIT MAIN DUCTS TO 18" DIA. AND RETURN DUCTS TO 8" DIA. TO BE INSTALLED PER SMACNA STANDARDS.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL PER SMACNA STANDARDS. LINE WITH NEOPRENE COATED 1.0" - 1.5 POUNDS PER CU. FT. FOOT DUCT INSULATION.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT DAMPERS.
4. DUCT SIZES SHOWN ARE CLEAR, INSIDE DIMENSIONS.
5. 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.
6. FAN: UL LISTED, 125, F PRESYST IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM. TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES.
8. PROVIDE SMOKE DETECTORS TO BE INSTALLED IN ACCORDANCE WITH NFPA 72E WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXIST' FAN EQUAL. TO BROUW HOPR, NO. 140, CF. OR EQUAL. FANS SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCHES. PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GULF VENT IN PROPER ROOF LOCATION FOR PLUMBING RIFTURE EXHAUST.
13. ALL SUPPLY AIR TERMS SHALL BE EQUIPPED WITH AIR CONTROL.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCH. DIMS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURERS' INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. EXTERIOR WALL DUCT SUPPLY WHERE S.A. DUCTS PERMITS: 1 HOUR RATED CRIBS.
18. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E-119).
19. DRAWN DIMENSIONAL ONLY.

THIS AREA IS EXISTING AND TO REMAIN AS IS

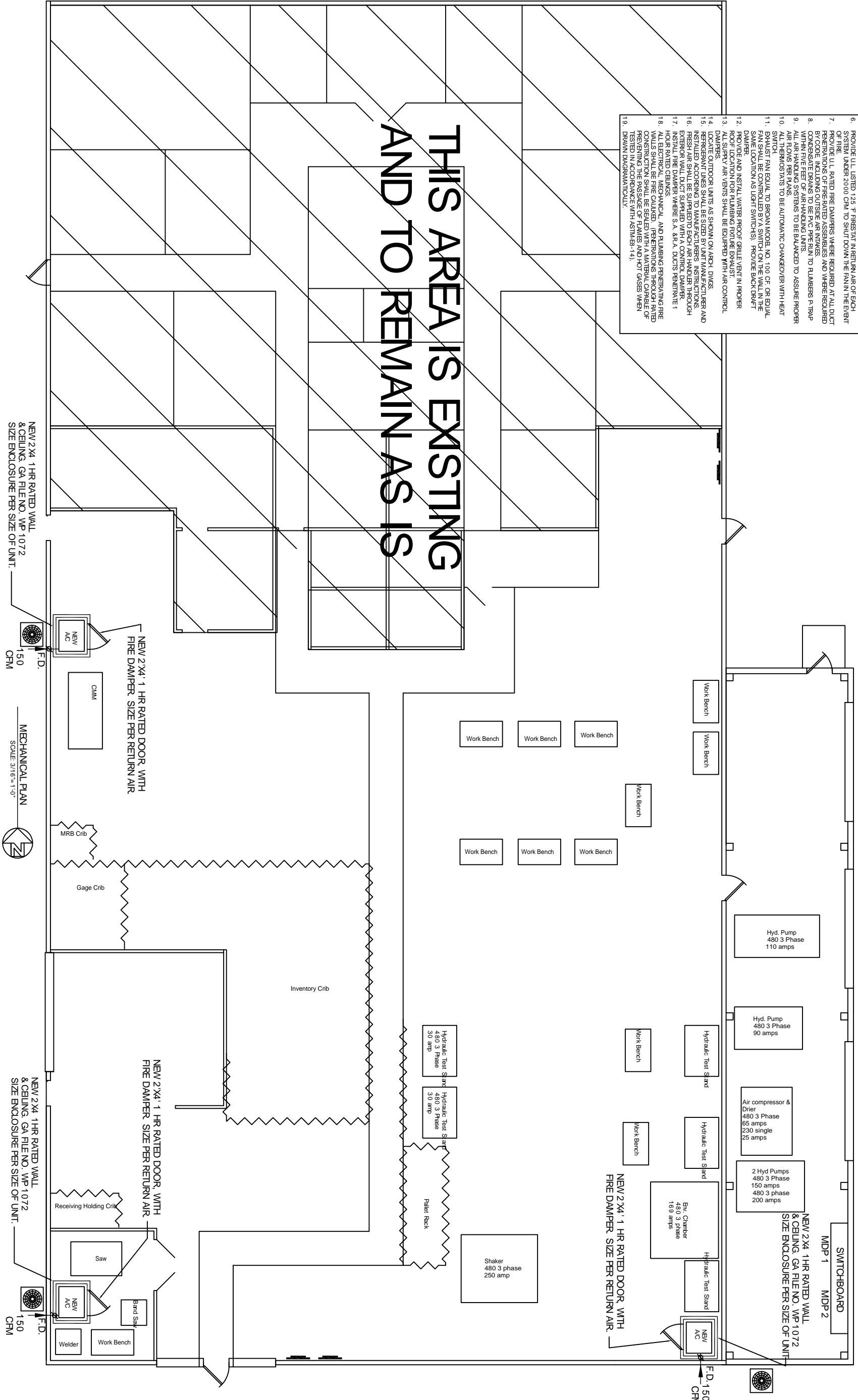
GA FILE NO. WP 1072 **GENERIC**

ONE LAYER 5/8" TYPE X Gypsum wallboard on gypsum lath over BASE APPLIED PAPER, OR AT RIGHT ANGLES TO EACH SIDE OF 3-5/8" STEEL STUDS 24" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING JOINTS AND INTERMEDIATE STUDS.
JOINTS STROGATED 24" ON EACH SIDE AND ON OPPOSITE SIDES.
SOUND TESTED WITH 3-12" GLASS FIBER FRACTION FIT IN STUD SPACE. (MAY-LAND BEHNSON)



THICKNESS: 4-7/8"
FIRE TEST: 8-19-48J
8-6-11;
78T500, 78T497,
DESIGN WALL: NCC 816-W, 2-3-81
SOUND TEST: (FM WP-45, OSU 1-1770, ULC 79T44, 8-12-81, ULC

AC SPLIT UNIT SCHEDULE				COMMENTS
TOTAL	CHL	O.A.	ELECTRICAL	
BTU			VOLTAGES/PHASE/ERR	
50,000	2,000	150	208V,3Ø	SEE SCH.
60,000	2,000	150	208V,3Ø	SEE SCH.
70,000	2,000	150	208V,3Ø	SEE SCH.
80,000	2,000	150	208V,3Ø	SEE SCH.
90,000	2,000	150	208V,3Ø	SEE SCH.
100,000	2,000	150	208V,3Ø	SEE SCH.
110,000	2,000	150	208V,3Ø	SEE SCH.
120,000	2,000	150	208V,3Ø	SEE SCH.
130,000	2,000	150	208V,3Ø	SEE SCH.
140,000	2,000	150	208V,3Ø	SEE SCH.
150,000	2,000	150	208V,3Ø	SEE SCH.
160,000	2,000	150	208V,3Ø	SEE SCH.
170,000	2,000	150	208V,3Ø	SEE SCH.
180,000	2,000	150	208V,3Ø	SEE SCH.
190,000	2,000	150	208V,3Ø	SEE SCH.
200,000	2,000	150	208V,3Ø	SEE SCH.
210,000	2,000	150	208V,3Ø	SEE SCH.
220,000	2,000	150	208V,3Ø	SEE SCH.
230,000	2,000	150	208V,3Ø	SEE SCH.
240,000	2,000	150	208V,3Ø	SEE SCH.
250,000	2,000	150	208V,3Ø	SEE SCH.
260,000	2,000	150	208V,3Ø	SEE SCH.
270,000	2,000	150	208V,3Ø	SEE SCH.
280,000	2,000	150	208V,3Ø	SEE SCH.
290,000	2,000	150	208V,3Ø	SEE SCH.
300,000	2,000	150	208V,3Ø	SEE SCH.
310,000	2,000	150	208V,3Ø	SEE SCH.
320,000	2,000	150	208V,3Ø	SEE SCH.
330,000	2,000	150	208V,3Ø	SEE SCH.
340,000	2,000	150	208V,3Ø	SEE SCH.
350,000	2,000	150	208V,3Ø	SEE SCH.
360,000	2,000	150	208V,3Ø	SEE SCH.
370,000	2,000	150	208V,3Ø	SEE SCH.
380,000	2,000	150	208V,3Ø	SEE SCH.
390,000	2,000	150	208V,3Ø	SEE SCH.
400,000	2,000	150	208V,3Ø	SEE SCH.
410,000	2,000	150	208V,3Ø	SEE SCH.
420,000	2,000	150	208V,3Ø	SEE SCH.
430,000	2,000	150	208V,3Ø	SEE SCH.
440,000	2,000	150	208V,3Ø	SEE SCH.
450,000	2,000	150	208V,3Ø	SEE SCH.
460,000	2,000	150	208V,3Ø	SEE SCH.
470,000	2,000	150	208V,3Ø	SEE SCH.
480,000	2,000	150	208V,3Ø	SEE SCH.
490,000	2,000	150	208V,3Ø	SEE SCH.
500,000	2,000	150	208V,3Ø	SEE SCH.



NEW 2'X4' 1 HR RATED WALL & CEILING, GA FILE NO. WP 1072
SIZE ENCLOSURE PER SIZE OF UNIT.

NEW 2'X4' 1 HR RATED WALL & CEILING, GA FILE NO. WP 1072
SIZE ENCLOSURE PER SIZE OF UNIT.

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MECHANICAL PLAN

REV: _____
SCALE: AS NOTED
JOB#: 1934
DATE: 05-19-08
SHEET

M-1