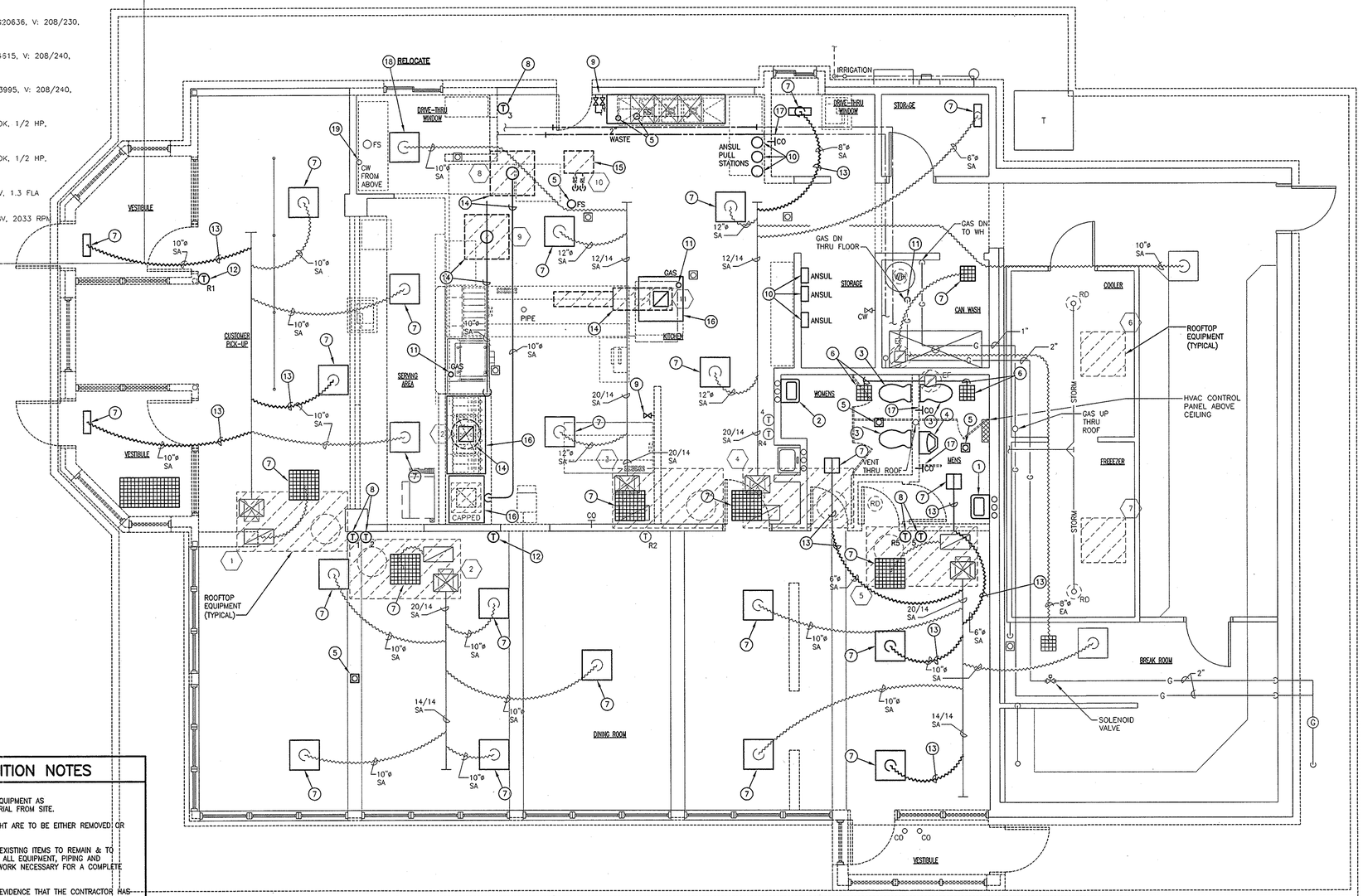
M/E DESIGN SERVICES
MECHANICAL/ELECTRICAL CONSULTING ENGINEERS
120 South Hill Street
Mishawaka, Indiana 46544
(574) 256-1914
JOB NO. 5452

EXISTING HVAC EQUIPMENT SHEDULE

1. CARRIER RTU, M#: 48TFE006-A-511, S#: 2207G40208, V: 208/230, MCA: 26.6, MOCP: 35
2. CARRIER RTU, M#: 48TFE006-A-511, S#: 1507G20318, V: 208/230, 3P, MCA: 26.6, MOCP: 35
3. CARRIER RTU, M#: 48TFE006-A-511, S#: 1507G20320, V: 208/230, 3P, MCA: 26.6, MOCP: 35
4. CARRIER RTU, M#: 48TME006-A-501, S#: 0906G20225, V: 208/230, 3P, MCA: 26.6, MOCP: 35
5. CARRIER RTU, M#: 48TME006-A-501, S#: 1906G20636, V: 208/230, 3P, MCA: 26, MOCP: 35
6. BOHN CONDENSOR, M#: BHT015H2BFS#: I061-04515, V: 208/240, 1P, MOCP: 15
7. BOHN CONDENSOR, M#: BH2025LGGF, S#: I07203995, V: 208/240, 3P, MOCP: 25
8. GREENHECK ROOF SUPPLY FAN, M#: RSF-9-5-DK, 1/2 HP, 120/208/235V
9. GREENHECK ROOF SUPPLY FAN, M#: RSF-9-5-DK, 1/2 HP, 120/208/235V
10. HOSHIZAKI CONDENSING UNIT, M#: URC-5F, 120V, 1.3 FLA
11. PENN EXHAUST FAN, M#: DIODPBKHT, 1 HP, 208V, 2033 RPM
12. DAYTON EXHAUST FAN, M#: 4YY17



MECHANICAL DEMOLITION NOTES

1. DISCONNECT AND REMOVE LAVATORY AND ASSOCIATED SUPPLY, WASTE AND VENT PIPING. CAP PIPING (FLUSH WITH WALL/FLOOR) AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
2. DISCONNECT AND REMOVE LAVATORY. ASSOCIATED SUPPLY, WASTE AND VENT PIPING TO REMAIN FOR REUSE. COORDINATE REPLACEMENT/RECONNECTION WITH NEW CONSTRUCTION.
3. DISCONNECT AND REMOVE WATER CLOSET AND ASSOCIATED SUPPLY, WASTE AND VENT PIPING. CAP PIPING (FLUSH WITH WALL/FLOOR) AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
4. DISCONNECT AND REMOVE URINAL AND ASSOCIATED SUPPLY, WASTE AND VENT PIPING. CAP PIPING (FLUSH WITH WALL/FLOOR) AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
5. DISCONNECT AND REMOVE FLOOR DRAIN/SINK AND ASSOCIATED WASTE AND VENT PIPING. CAP PIPING (FLUSH WITH FLOOR) AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
6. DISCONNECT EXHAUST GRILLE AND ASSOCIATED EA DUCTWORK BACK TO MAIN THRU ROOF. CAP DUCTWORK AS REQUIRED. COORDINATE EA MAIN THRU ROOF REUSE WITH NEW CONSTRUCTION.
7. DISCONNECT AND REMOVE SUPPLY AIR DIFFUSER / RETURN AIR GRILLE. COORDINATE REPLACEMENT WITH NEW CONSTRUCTION.
8. DISCONNECT, REMOVE AND RELOCATE THERMOSTAT/REMOTE SENSOR. COORDINATION RELOCATION WITH NEW CONSTRUCTION.
9. DISCONNECT AND REMOVE CW/HW SUPPLY PIPING. CAP PIPING (FLUSH WITH WALL / ABOVE CEILING) AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
10. DISCONNECT AND REMOVE ANSUL SYSTEMS IN THEIR ENTIREY, CABINETS, PULL STATIONS, CONTROLS, ETC.
11. DISCONNECT AND REMOVE GAS PIPING. CAP PIPING, FLUSH WITH FLOOR AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
12. DISCONNECT AND REMOVE ELECTRONIC THERMOSTAT.
13. DISCONNECT AND REMOVE SUPPLY AIR DUCTWORK BACK TO MAIN. CAP DUCTWORK AS REQUIRED AND RE-INSULATE MAIN. COORDINATE WITH NEW CONSTRUCTION.
14. DISCONNECT AND REMOVE EXHAUST FAN AND ASSOCIATED DUCTWORK IN ITS ENTIRETY. COORDINATE ROOF PATCHING WITH GENERAL TRADE.
15. DISCONNECT, REMOVE AND RELOCATE CONDENSING UNIT (ICE MACHINE) AND ASSOCIATED REFRIGERANT PIPING SYSTEMS IN THEIR ENTIRETY. COORDINATE RELOCATION WITH NEW CONSTRUCTION. COORDINATE ROOF PATCHING WITH GENERAL TRADE.
16. DISCONNECT AND REMOVE EXHAUST HOOD AND ASSOCIATED DUCTWORK N ITS ENTIRETY.
17. DISCONNECT AND REMOVE CLEAN-OUT AND ASSOCIATED PIPING IN ITS ENTIRETY. CAP PIPING, FLUSH WITH WALL/FLOOR AS REQUIRED. COORDINATE WITH NEW CONSTRUCTION.
18. DISCONNECT, REMOVE AND RELOCATE SUPPLY DIFFUSER. COORDINATE RELOCATION WITH NEW CONSTRUCTION.
19. EXISTING CW DROP TO REMAIN. CAP EXISTING CW FEED FROM RELOCATED SHAKE MACHINE LOCATION.

GENERAL MECHANICAL DEMOLITION NOTES

1. OWNER RETAINS FIRST SALVAGE RIGHTS. SALVAGE SELECT EQUIPMENT AS DIRECTED BY OWNER. REMOVE ALL OTHER DEMOLISHED MATERIAL FROM SITE.
2. ITEMS SHOWN ON DEMOLITION DRAWINGS IN BOLD LINE WEIGHT ARE TO BE EITHER REMOVED OR RELOCATED. ITEMS SHOWN LIGHT ARE TO REMAIN.
3. DEMOLITION PLANS ARE INTENDED SOLELY TO INDICATE KEY EXISTING ITEMS TO REMAIN & TO PROVIDE A GENERAL IDEA OF EXISTING SYSTEM TYPES. NOT ALL EQUIPMENT, PIPING AND DUCTWORK ARE SHOWN. CONTRACTOR SHALL INCLUDE ALL WORK NECESSARY FOR A COMPLETE PROJECT.
4. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PROPER EXAMINATION BEEN MADE.
5. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTION OF ALL EXISTING BUILDING COMPONENTS DURING DEMOLITION/CONSTRUCTION. ALL COSTS FOR LOCATING, REMOVING, REPLACING, OR RELOCATING SHALL BE INCIDENTAL TO DEMOLITION/CONSTRUCTION. ALL DAMAGES WHICH OCCUR DURING DEMOLITION/CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
6. WHERE REMOVAL OF PIPING, DUCTWORK, EQUIPMENT, ETC. IS NOTED, IT SHALL INCLUDE REMOVAL OF ALL ASSOCIATED APPURTENANCES, HANGERS, INSULATION, ETC. REMOVAL OF PIPING AND DUCTWORK SHALL BE COMPLETE WHERE ACCESSIBLE OR IN THE WAY OF NEW CONSTRUCTION. COORDINATE EXACT EXTENTS WITH THE REQUIREMENTS OF NEW CONSTRUCTION.
7. COORDINATE SCHEDULE OF DEMOLITION WORK WITH OTHER TRADES. COORDINATE SHUT-DOWN OF MAIN SERVICES WITH OWNER. PROVIDE 48 HOUR NOTICE TO OWNER PRIOR TO SHUTDOWN.
8. PIPING AND DUCTWORK SHOWN ON DRAWINGS IS INTENDED TO INDICATE GENERAL PIPING AND DUCTWORK EXTENT AND LAYOUT OF MAJOR COMPONENTS ONLY. FIELD VERIFY ACTUAL CONDITIONS, LOCATIONS, ARRANGEMENT, ETC.
9. MECHANICAL CONTRACTOR SHALL COORDINATE AND HAVE GC PROVIDE ALL CUTTING AND/OR PATCHING OF EXISTING WALLS, FLOORS AND CEILINGS AS REQUIRED FOR NEW AND/OR DEMOLITION WORK.
10. WHERE MECHANICAL ITEMS PENETRATE ROOF SURFACE, MECHANICAL CONTRACTOR SHALL COORDINATE AND HAVE GC PATCH OPENINGS TO MATCH EXISTING CONDITION AND TO MAINTAIN ROOF INTEGRITY AND WARRANTY.

01 MECHANICAL DEMOLITION PLAN

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

REV:	DESCRIPTION	BY	DATE

STATE OF MICHIGAN — LICENSED PROFESSIONAL ENGINEER
THOMAS R. COOK
ENGINEER
No. 33392

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE
412 South Lafayette Blvd South Bend, IN 46601 p: 574.232.4388 f: 574.232.4333

Burger King Restaurant
Kentwood, Michigan

BRAVOKILO, INC.
4220 Edison Lakes Parkway
Mishawaka, Indiana

MECHANICAL DEMOLITION PLAN

DESIGNED BY:	MI/MT
REVIEWED BY:	TC
DRAWN BY:	MI/MT
DATE:	2/21/2011
JOB NUMBER:	2010-5068
SCALE:	1/4" = 1'-0"

M201