



- DIVISION 14-00 NOTES**
- THIS DRAWING AND THE DATA CONTAINED HEREIN ARE PROVIDED FOR BIDDING PURPOSES ONLY AND ARE NOT INTENDED AS BASIS OF BIDDING TO BE USED ON THE PROJECT SITE. THE F.P.C. SHALL PROVIDE FINAL DIMENSIONS AND SOURCE-TO-INSTALLATION DATA FOR CONSTRUCTION PURPOSES.
 - REFER TO THE DIVISION 14-00 GENERAL AND ITEM SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
 - ALL GAS EQUIPMENT LOCATED BENEATH VENTILATION HOODS SHALL BE AUTOMATICALLY SHUT OFF WHEN THE FIRE PROTECTION SYSTEM IS ACTIVATED. THE F.P.C. SHALL PROVIDE A SHUT-OFF VALVE FOR EACH EQUIPMENT LOCATED BENEATH VENTILATION HOODS. MECHANICAL CONTRACTOR TO COORDINATE INSTALLATION WITH FIRE PROTECTION SYSTEM MANUFACTURER. M.C. TO PROVIDE SEPARATE MANUAL GAS SHUT-OFF VALVE FOR EACH CONNECTION TO GAS-FIRED EQUIPMENT.
 - F.P.C. SHALL LOCATE AND INSTALL THE FOODSERVICE VENTILATION CAPTURES ONLY. OTHER FRAMES RESPONSIBLE FOR BALANCE OF VENTILATION SYSTEM, INCLUDING, BUT NOT LIMITED TO, DUCTWORK, EXHAUST FANS, MAKE-UP AIR FANS, BOOF CURBS, TEMPERED MAKE-UP AIR SYSTEM, ETC.
 - ALL REFRIGERATION AND PLUMBING WORK RELATED TO THE WALK-IN REFRIGERATOR AND/OR FREEZER SHALL BE BY THE F.P.C.
 - THE F.P.C. SHALL LOCATE AND INSTALL AIR-COOLED WALK-IN COMPRESSORS ON ROOF THESE SHOWN ON DRAWINGS.
 - F.P.C. SHALL VERIFY UTILITY REQUIREMENTS OF OWNERS EXISTING EQUIPMENT (IF ANY) SCHEDULED FOR RE-USE.
 - ALL REQUIRED ROOF OPENINGS, STRUCTURAL SUPPORT, FLASHING, ETC. SHALL BE PROVIDED BY OTHERS PRIOR TO THE FOODSERVICE EQUIPMENT CONTRACTOR.

- DIVISION 15-00 NOTES**
- M.C. SHALL ROUTE IN UTILITY LINES THROUGH WALLS, FLOORS AND CEILING. CONNECT WASTE LINES FROM HOODS AND MAKE ALL CONNECTIONS TO THE FOODSERVICE EQUIPMENT. M.C. TO PROVIDE ALL TRAPS, MANIFOLDS AND PIPING REQUIRED TO INTERCONNECT ONE DRAIN AS SHOWN. M.C. TO PROVIDE ALL TRAPS, VALVES, PIPING, ETC. NEEDED FOR INSTALLATION OF FOODSERVICE EQUIPMENT.
 - ALL EXPOSED PIPING (ABOVE COUNTER HEIGHT OR IN A DIRECT LINE OF SIGHT) SHALL BE CHROME PLATED. INSTALL STAINLESS STEEL OR CHROME PLATED BASE PROTECTORS OR FLANGES FOR UTILITY LINES WHICH EXTEND THROUGH WALLS AND EQUIPMENT.
 - ALL EXPOSED PIPING SHALL BE INSTALLED A MINIMUM OF 6" AFF AND ALL HORIZONTAL RUNS SHALL BE SLOPES THE COUNTER AND BELOW EQUIPMENT.
 - M.C. SHALL PROVIDE AND INSTALL ALL REQUIRED VACUUM BREAKERS. VACUUM BREAKERS, APPROVED BY THE MOPH, MUST BE PROVIDED ON ALL DISPOSERS, ROSE PUMPS, PRESSURE WAGERS AND ON ALL REVERSE AIRFLOW EQUIPMENT. A WATER CONNECTION. ALL ATMOSPHERIC VACUUM BREAKERS MUST BE LOCATED DOWNSTREAM OF SHUT-OFF VALVES IN ACCORDANCE WITH HEALTH DEPARTMENT CODES.
 - M.C. SHALL ROUTE IN AND CONNECT GAS PIPING TO ROOFTOP FOODSERVICE VENTILATION SYSTEMS AS SHOWN ON ARCHITECTURAL DRAWINGS.
 - M.C. TO INSTALL GAS SHUT-OFF VALVE PROVIDED BY THE F.P.C. SEE NOTE 12.
 - F.P.C. TO PROVIDE SINKS WITH TWIST HANDLE 2" WASTE OUTLETS WITH OVERFLOW ASSEMBLIES. PROVIDE LANGE TO M.C. FOR INSTALLATION.

NOTE: MECHANICAL SYMBOLS APPLY TO THIS SHEET ONLY

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A.F.F.	ABOVE FINISHED FLOOR	○	ROUND FLOOR SINK (8" DIAMETER)
B.T.C.	BRANCH TO CONNECTION	■	FULL-GRADE FLOOR SINK (12" SQUARE)
D.F.A.	DOWN FROM ABOVE	■	1/2 GRADE FLOOR SINK (12" SQUARE)
F.E.C.	FOODSERVICE EQUIPMENT CONTRACTOR	■	FLOOR SINK, GRADE AS NEEDED (8" SQUARE)
G.C.	GENERAL CONTRACTOR	◇	DIRECT CONNECT GAS SUPPLY
M.C.	MECHANICAL CONTRACTOR	◇	FLEXIBLE QUICK RELEASE GAS SUPPLY
Q.D.G.H.	QUICK DISCONNECT GAS HOSE	○	COLD WATER
○	FUNNEL-TYPE FLOOR DRAIN (SANITARY)	○	HOT WATER
○	DIRECT CONNECT DRAIN	○	STEAM SUPPLY
○	FLOOR DRAIN (DO NOT SLOPE FLOOR TO DRAIN)	○	CONDENSATE RETURN

F.P.C. TO PROVIDE PAINTED METAL EQUIPMENT RAILS TO HEAVY COMPRESSORS TO ROOF. OTHER TRAVES TO FLASH RAILS TO ROOF AND PROVIDE ROOF PENETRATIONS FOR ELECTRICAL AND REFRIGERATION LINES. VERIFY LOCATION WITH ARCHITECT.

REFRIGERATOR COMPRESSOR LOCATED ON ROOF.

FREEZER COMPRESSOR LOCATED ON ROOF.

BLAST CHILLER COMPRESSOR LOCATED ON ROOF.

FREEZER COND. COIL

REFRIGERANT CONDENSATION ON

THIS DRAWING IS FOR CONCEPTUAL AND BID PURPOSES ONLY, AND IS NOT TO BE USED AS A CONSTRUCTION DRAWING



DESIGNED BY	REVISED
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
DATE	DATE

FINE ARTS CENTER ADDITION
WAYLAND UNION SCHOOLS
WAYLAND MICHIGAN

TSD
Food Service Designs, LLC
2655 Oakley Park Road
Suite 105
Walled Lake, MI 48390
Phone: (248) 926.6211
Fax: (248) 926.0699
FOODSERVICE DESIGNERS,
PLANNERS AND
OPERATIONAL CONSULTING
PROJECT NO. 5-1282
Copyright 2009
GND Architects Engineers
All Rights Reserved
MECHANICAL PLAN
FS3