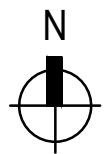
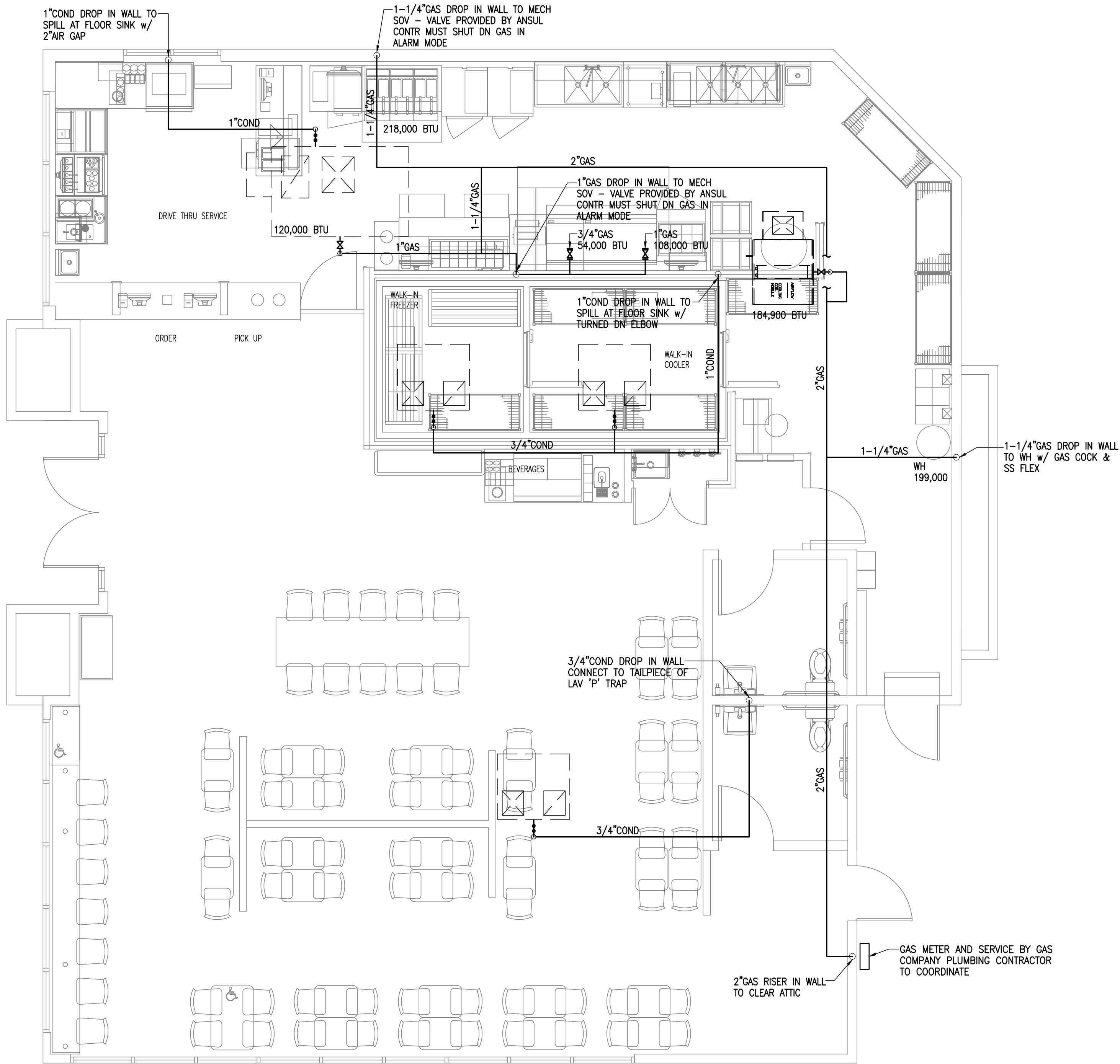


- PLUMBING NOTES:
1. THIS SPACE IS RESERVED FOR ELECTRICAL EQUIPMENT. NO PIPING SHALL PASS BELOW, ABOVE, OR AROUND ELECTRICAL EQUIPMENT. PROVIDE CODE REQUIRED MINIMUM CLEARANCE ABOVE ELECTRICAL EQUIPMENT ACCESS SPACE.
  2. FURNISH AND INSTALL WATER HEATER AND EXPANSION TANK AS INDICATED ON THE PLANS. REFER TO ARCHITECTURAL PLANS FOR WATER HEATER REQUIREMENTS AND EXACT LOCATION. PIPE WATER HEATER RELIEF AND SECONDARY DRAIN PAN DISCHARGE TO THE NEAREST MOP SINK OR FLOOR DRAIN BELOW THE WATER HEATER. PROVIDE A CODE APPROVED AIR GAP ON THE DISCHARGE OF THE WATER HEATER RELIEF AND SECONDARY DRAIN. REFER TO DETAILS SHEET FOR ADDITIONAL INFORMATION.
  3. PRESSURE/TEMPERATURE RELIEF FROM WATER HEATER SHALL BE DIRECTED TO THE FLOOR DRAIN IN ACCORDANCE WITH LOCAL REQUIREMENTS.
  4. 1/2" FLEXIBLE CONTINUOUS TYPE "K" COPPER TUBING BELOW GRADE FROM TRAP PRIMER TO FLOOR DRAIN. NO FITTINGS OR SPLICES ARE ALLOWED BELOW GRADE.
  5. INSTALL TRAP PRIMER HIGH IN THE CEILING SPACE. FURNISH AND INSTALL AN ACCESS PANEL AS NECESSARY TO MAINTAIN EQUIPMENT.
  6. THIS SPACE IS RESERVED FOR THE DOMESTIC WATER SERVICE ENTRANCE. REFER TO THE DETAIL SHEETS FOR ADDITIONAL INFORMATION. THE DOMESTIC WATER SERVICE ENTRANCE SHALL COMPLY WITH ALL STATE AND LOCAL REQUIREMENTS AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
  7. NEW NATURAL GAS METER SERVING 1,240 MBH. THE SYSTEM DESIGN IS BASED ON 7" W.C. PSI DELIVERY PRESSURE WITH A PRESSURE DROP OF 0.5 INCHES OF WATER COLUMN. THE CONTRACTOR SHALL COORDINATE THE METER PLACEMENT, AVAILABLE PRESSURE, AND NEW SERVICE REQUIREMENTS WITH THE LOCAL UTILITY PRIOR TO CONSTRUCTION. IF THE DELIVERY PRESSURE INDICATED IS NOT AVAILABLE FROM THE UTILITY COMPANY, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY.
  8. FURNISH AND INSTALL NATURAL GAS SOLENOID VALVE MOUNTED BELOW THE FINISHED CEILING IN AN ACCESSIBLE LOCATION. THE SOLENOID VALVE SHALL BE INTERLOCKED WITH THE EXHAUST HOOD AND SHALL HAVE A MANUAL SHUT-OFF. THE VALVE SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR AND SHALL BE INTERCONNECTED BY THE FIRE PROTECTION CONTRACTOR.
  9. PROVIDE THERMOSTATIC MIXING VALVE, POWERS #LFE480 OR EQUAL. SET TEMPERATURE AS REQUIRED BY LOCAL JURISDICTION. THERMOSTATIC MIXING VALVE SHALL BE IN ACCORDANCE WITH ANSI/ASSE 1070.
  10. CONNECT NATURAL GAS SERVICE TO ROOFTOP UNIT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. REFER TO DETAIL SHEET FOR ADDITIONAL INFORMATION. VERIFY EXACT LOCATION OF NATURAL GAS CONNECTION ON ROOFTOP UNIT WITH EQUIPMENT PRIOR TO PIPE INSTALLATION.

- GENERAL NOTES:
- A. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENTAL AND LOCAL CODE REQUIREMENTS.
  - B. PROVIDE ACCESS PANELS AS REQUIRED TO ALLOW ACCESS TO VALVES, EQUIPMENT, ETC. LOCATED ABOVE INACCESSIBLE CEILINGS AND WALL CAVITIES.
  - C. ALL SANITARY LINES AND PLUMBING FIXTURES ON THE PROJECT SHALL HAVE AN APPROVED MEANS OF SEWAGE BACKFLOW PREVENTION. FIXTURE SPECIFIC BACKFLOW PREVENTION INCLUDING AIR GAPS AND VACUUM BREAKERS ARE AN ACCEPTABLE MEANS OF BACKFLOW PREVENTION.
  - D. COORDINATE ALL SLAB PENETRATIONS WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. MAINTAIN A MINIMUM OF 2" CLEARANCE FROM THE EDGE OF THE SLAB OPENING TO ANY STRUCTURAL MEMBERS AND PIPES.
  - E. PIPE SIZES INDICATED ON THE PLANS ARE MINIMUM. THE CONTRACTOR SHALL PROVIDE PIPE SIZES EQUAL TO OR GREATER THAN THE SPECIFIED SIZES. THE CONTRACTOR MAY INCREASE PIPE SIZES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE PROJECT.
  - F. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL PLUMBING FIXTURE CONNECTION SIZE REQUIREMENTS.
  - G. ALL HANDICAPPED ACCESSIBLE WATER CLOSETS SHALL HAVE THE FLUSHING HANDLE ON THE WIDE SIDE OF THE HANDICAPPED ACCESSIBLE STALL AS REQUIRED BY ADA REQUIREMENTS.
  - H. ALL PUBLIC USE LAVATORY FAUCETS SHALL HAVE AN AUTOMATIC SAFETY WATER MIXING DEVICE IN ACCORDANCE WITH ANSI/ASSE 1017 OR 1070 AS APPLICABLE.
  - I. ALL PIPING ON ROOF TO BE PROPERLY SUPPORTED USING APPROVED STANDS, WOOD BLOCKING IS NOT ACCEPTABLE.

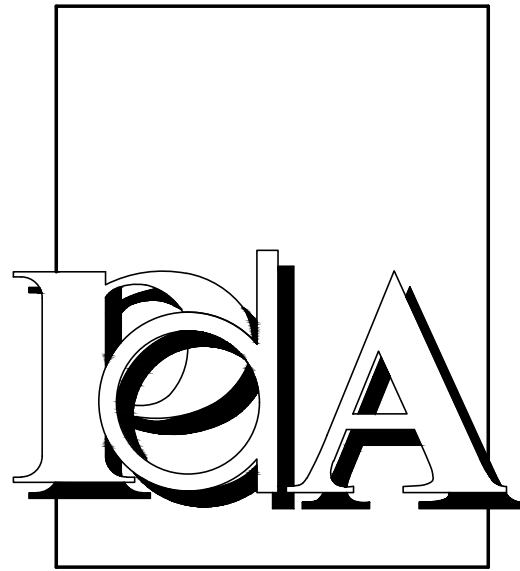


PLUMBING PLAN - GAS & CONDENSATE

1/4"

#### GAS CALCS

GRIDDLE = 54,000 BTU  
GRIDDLE = 108,000 BTU  
FRYER = 218,000 BTU  
WATER HTR = 199,000 BTU  
MUA = 184,900 BTU  
AC = 120,000 BTU  
883,900/1100= 804 CFH  
DISTANCE= 90 FT  
USE (1)2" GAS



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NOTICE TO CONTRACTORS:  
Written dimensions on these drawings shall take precedence over noted dimensions. Contractor shall verify and be responsible for confirming all dimensions and shall notify the architect immediately of any discrepancies or field variations discovered.

#### PROJECT

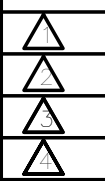
TENANT IMPROVEMENT  
FOR



1966 WEST AVE L  
LANCASTER, CA

DATE	ISSUED FOR
8-24-18	BUILDING DEPT SUBMITTAL
8-28-18	

NO.	REVISIONS
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#### PLUMBING

FILE NAME: 2366A2-0

SHEET

P103