

FIRST FLOOR PLAN - AREA D - PLUMBING

SCALE: 1/8" = 1'-0"

KITCHEN EQUIPMENT PLUMBING ROUGH-INS

- P1 - 1" GAS 152,000 BTU FROM EXISTING UDS (ITEM-1 COMBI OVEN)
- P1a - FLOOR SINK (ITEM-1 COMBI OVEN) PIPE IW TO FS. USE ONLY HIGH TEMP. RESISTANT DRAIN PIPE.
- P1b - 3/4" CW FROM EXISTING UDS (ITEM-1 COMBI OVEN)
- P2 - 3/4" GAS 100,000 BTU FROM EXISTING UDS (ITEM-2 TILTING KETTLE)
- P2a - 1/2" H&CW FROM EXISTING UDS TO DOUBLE PANTRY FAUCET (ITEM-2 TILTING KETTLE)
- P3 - FLOOR SINK (ITEM-3 COUNTERTOP KETTLE STAND) PIPE IW TO FS. USE ONLY HIGH TEMP. RESISTANT DRAIN PIPE.
- P4 - 3/4" GAS 100,000 BTU FROM EXISTING UDS (ITEM-4 DOUBLE DECK CONVECTION OVEN)
- P6 - 3/4" GAS 120,000 BTU FROM EXISTING UDS (ITEM-6 TILTING BRAISING PAN)
- P15 - FLOOR SINK (ITEM-15 SERVING COUNTER) PIPE IW'S TO FS
- P16 - FLOOR SINK (ITEM-16 SERVING COUNTER) PIPE IW TO FS. P16a - FLOOR SINK (ITEM-16 SERVING COUNTER) PIPE IW TO FS.
- P16b - FLOOR SINK (ITEM-16 SERVING COUNTER) PIPE IW TO FS.
- P16c - FLOOR SINK (ITEM-16 SERVING COUNTER) PIPE IW TO FS.
- P16d - FLOOR SINK (ITEM-16 SERVING COUNTER) PIPE IW TO FS.

KITCHEN EQUIPMENT PLUMBING NOTES

- SHUT-OFF VALVES ON THE INLET SIDE OF THE COLD AND HOT WATER LINES SERVING EACH PIECE OF EQUIPMENT ARE TO BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR.
- IF WATER PRESSURE AT THE EQUIPMENT AREA EXCEEDS 50 POUNDS FLOW PRESSURE, PLUMBING CONTRACTOR MUST INSTALL A PRESSURE REDUCING VALVE ON BOTH THE MAIN HOT WATER AND COLD WATER SUPPLY LINES SERVING THE AREA.
- FLOW PRESSURE TO DISHWASHER (OR ITS AUXILIARY HOT WATER BOOSTER HEATER IF ONE IS USED) MUST NOT EXCEED 25 POUNDS.
- OWNER OR HIS CONTRACTOR MUST PROVIDE ADEQUATE SUPPLY OF 140°F HOT WATER TO EQUIPMENT AREA.
- IF WATER EXCEEDS TEN GRAINS OF HARDNESS, EXCESSIVE LIME, IRON, ALKALINE, ETC. CONDITIONS ARE PRESENT, PROPER WATER CONDITIONING EQUIPMENT MUST BE INSTALLED ON THE MAIN WATER LINES SERVING THIS FOOD SERVICE FACILITY. ALL WATER CONDITIONING EQUIPMENT SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY OTHERS.
- USING PVC PIPING FOR DRAIN LINES FROM EQUIPMENT THAT DISCHARGES HOT WATER SUCH AS STEAMERS & DISHWASHERS MAY CAUSE THE P.V.C. PIPING TO SOFTEN OR CRACK. IT IS RECOMMENDED THAT METAL (COPPER OR GALVANIZED) PIPING BE USED.
- CHECK WITH LOCAL CODES TO DETERMINE WHAT EQUIPMENT IS TO BE PIPED THROUGH A GREASE TRAP - (GREASE TRAP(S) TO BE PROVIDED BY PLUMBING CONTRACTOR).
- PLUMBING CONTRACTOR TO INSTALL MECHANICAL GAS SHUT OFF VALVE (SUPPLIED BY KEC) IN GAS MAIN
- FEEDING ALL COOKING EQUIPMENT PRIOR TO ANY TEES OR GAS LOOP FEEDING COOKING EQUIPMENT. MECHANICAL SHUT OFF VALVE TO BE INSTALLED IN ACCESSIBLE CEILING SPACE OR BELOW FLOOR WITH ACCESS TO VALVE.
- PLUMBING CONTRACTOR TO PROVIDE FLOOR DRAINS AS PER LOCAL CODE HAVING JURISDICTION AND OWNERS REQUEST.
- INCOMING GAS PRESSURE SHALL NOT TO EXCEED 14" WATER COLUMN (1/2 LB.) TO ALL KITCHEN EQUIPMENT.
- PLUMBING CONTRACTOR IS TO REVIEW ALL CATALOG DATA PROVIDED BY THE SINGER EQUIPMENT CO. TO ESTABLISH THE NECESSARY GAS PRESSURE TO THE KITCHEN EQUIPMENT. IF GAS PRESSURE TO KITCHEN EQUIPMENT IS HIGHER THAN REQUIRED, A PRESSURE REGULATOR IS TO BE PROVIDED BY THE PLUMBING CONTRACTOR OR BY THE GAS COMPANY. THE GAS PRESSURE REGULATOR MUST BE INSTALLED PRIOR TO THE GAS FEEDING ANY KITCHEN EQUIPMENT. EXCESSIVE GAS PRESSURE TO THE EQUIPMENT CAN DAMAGE THE EQUIPMENT AND CAUSE PERSONAL INJURY.
- INTERCONNECTIONS BETWEEN BOOSTER HEATER AND DISHWASHER AS WELL AS GENERATOR AND STEAM EQUIPMENT TO BE PROVIDED BY THE PLUMBING CONTRACTOR.
- P.C. TO VERIFY, FURNISH AND INSTALL REQUIRED PLUMBING ROUGH-INS FOR ALL EXISTING, REUTILIZED AND NEW EQUIPMENT BEING SUPPLIED BY THE OWNER. SINGER EQUIPMENT
- IS NOT RESPONSIBLE FOR THESE ROUGH-INS.

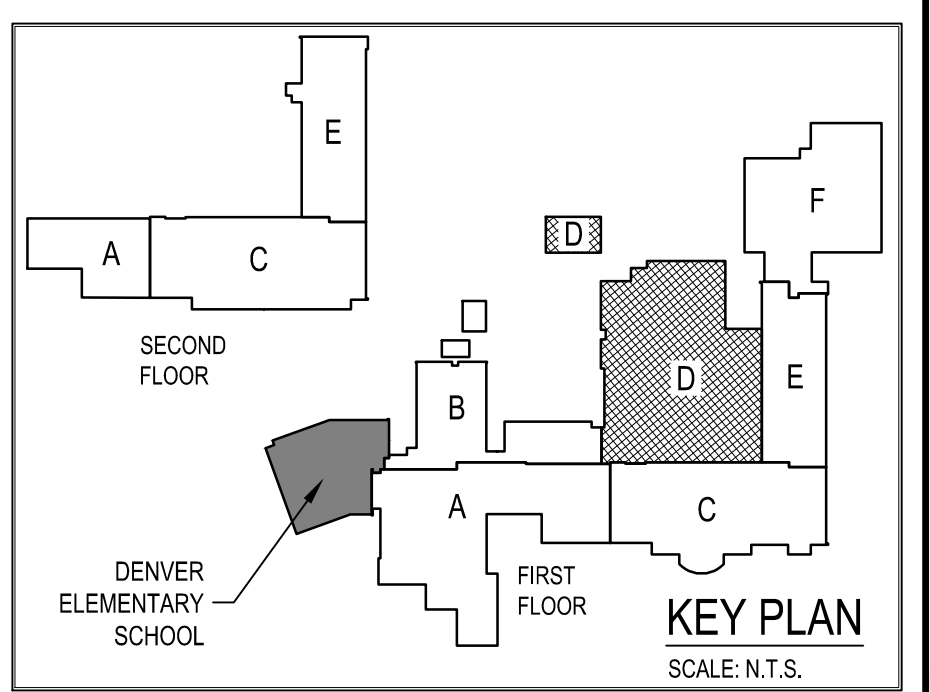
THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL PANEL LOCATIONS (INSIDE ELECTRICAL AND OUTSIDE ELECTRICAL ROOMS) WITH PIPING LAYOUTS PRIOR TO PIPING INSTALLATION. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL N.E.C. (NATIONAL ELECTRIC CODE) CLEARANCES BEFORE INSTALLING ANY PIPING. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS RESULTING TO REWORKING (REMOVING AND REINSTALLING) PIPING INSTALLED IN CONFLICT WITH ELECTRICAL PANELS/EQUIPMENT CLEARANCES.

DRAWING NOTES:

- PROVIDE THE MINIMUM REQUIRED SERVICE CLEARANCES FOR ALL EQUIPMENT AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
- ALL OVERHEAD DOMESTIC WATER, SANITARY AND VENT PIPING MUST BE ROUTED EITHER UP IN BETWEEN BAR JOIST OR THROUGH BAR JOIST WEBBING UNLESS OTHERWISE NOTED.

KEYED DRAWING NOTES:

- REMOVE EXISTING BALANCING VALVE AND PROVIDE NEW CALIBRATED BALANCING VALVE, SHUT-OFF AND CHECK VALVES. ADJUST FLOW FOR 1.0 GPM.
- PROVIDE CALIBRATED BALANCING VALVE, SHUT-OFF AND CHECK VALVES. ADJUST FLOW FOR 0.5 GPM.
- PROVIDE CALIBRATED BALANCING VALVE, SHUT-OFF AND CHECK VALVES. ADJUST FLOW FOR 1.0 GPM.
- PROVIDE CALIBRATED BALANCING VALVE, SHUT-OFF AND CHECK VALVES. ADJUST FLOW FOR 1.5 GPM.
- PROVIDE CALIBRATED BALANCING VALVE, SHUT-OFF AND CHECK VALVES. ADJUST FLOW FOR 2.0 GPM.



FIRST FLOOR PLAN - AREA D - PLUMBING

RENOVATIONS TO THE COCALICO MIDDLE SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH 4TH STREET, DENVER BOROUGH, LANCASTER COUNTY PA

ALL DIMENSIONS AND EXISTING CONDITIONS
SHALL BE CHECKED AND VERIFIED
BY THE CONTRACTOR AT THE SITE.

JOB NO.: 23001.00
DRAWN BY: SA
DATE: 04.12.24

P-D1

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