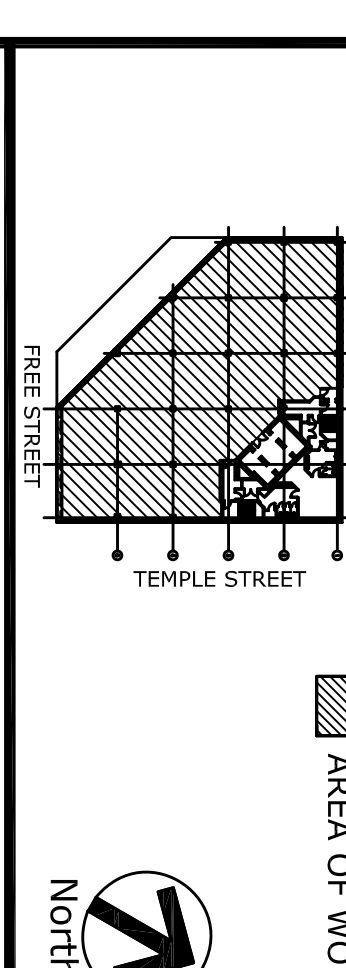


REVISIONS

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION
1	07/13/07	ISSUE FOR BID
2	07/13/07	ISSUE FOR REBID

KEY PLAN



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PROJECT NUMBER
 10th FL. PLUMBING PLAN

SCALE
 1/8" = 1'-0"

DATE
 05.16.07

PROJECT MANAGER
 HK

PROJECT ARCHITECT
 HK

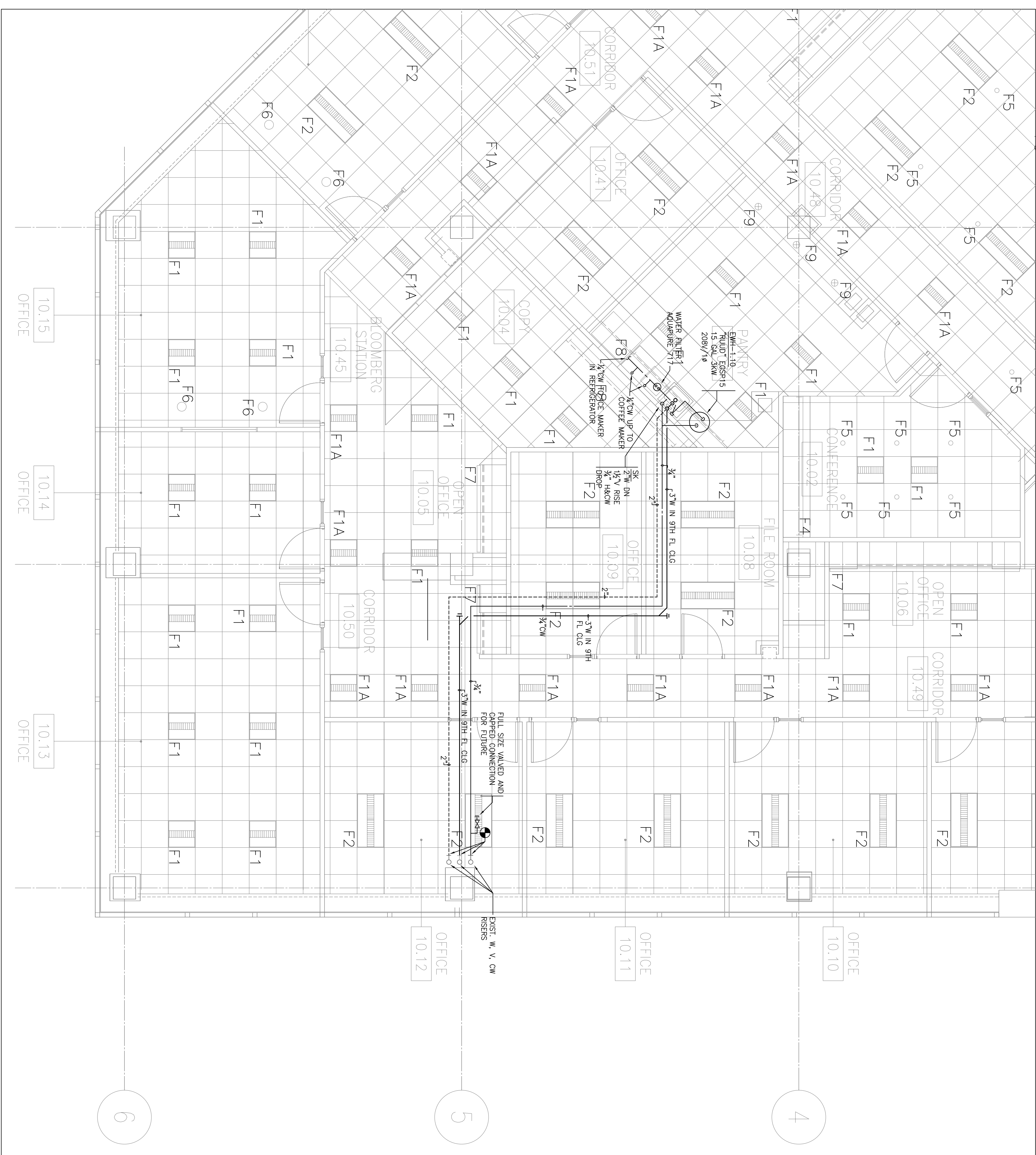
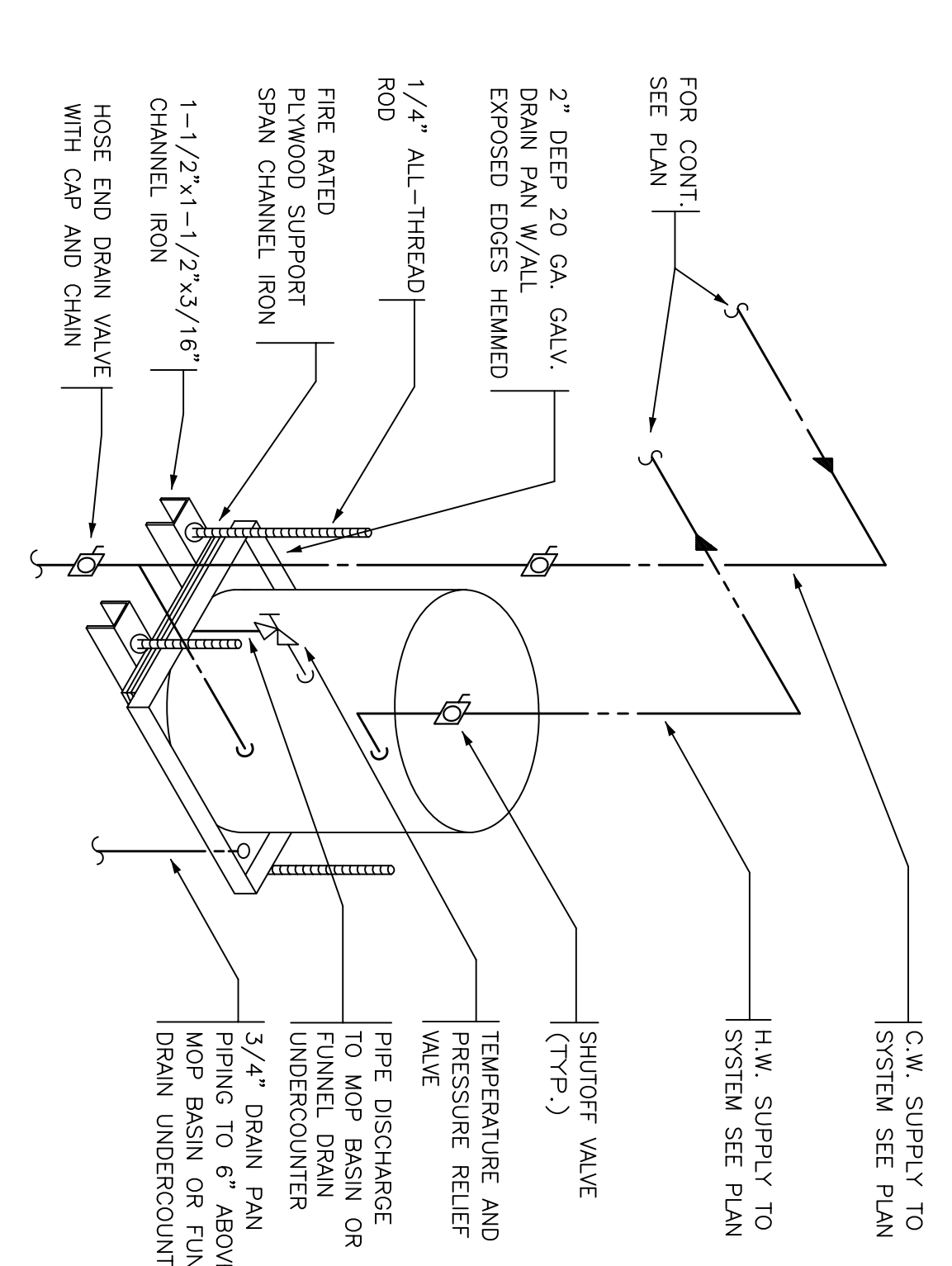
DRAWN BY
 HK

CHECKED BY
 HK

CADD FILE
 P-1.10

PLUMBING SYMBOLS AND ABBREVIATIONS

—	EXISTING DOMESTIC COLD WATER PIPE
—	EXISTING HOT WATER PIPE
---	EXISTING VENT PIPE
---	EXISTING WASTE OR SOIL PIPE
---	NEW DOMESTIC COLD WATER PIPE
---	NEW HOT WATER PIPE
---	NEW VENT PIPE
---	NEW WASTE PIPE
—○—	DRAIN PIPE
—○—	BALL VALVE
—○—	STOP VALVE
—○—	CHECK VALVE
—○—	RELIEF VALVE
—○—	VACUUM BREAKER
Y	FUNNEL DRAIN
SK	SINK
EHM	ELECTRIC WATER HEATER
⊕	CONNECTION POINT FOR NEW WORK TO EXISTING



PLUMBING DEMOLITION & ALTERATION NOTES

- ALL PLUMBING FIXTURES TO BE REMOVED SHALL BE TYPED OVER TO THE OWNER. THEY SHALL NOT BE REMOVED FROM THE PREMISES OR DEPOSITED OUTSIDE OF THE OWNER'S APPROVAL.
- ALL PIPING TO BE REMOVED SHALL BE PROPERLY FLAGGED OR CAPPED SO THAT UPON COMPLETION OF ALL NEW WORK, ALL ABANDONED PIPING SHALL BE CONCEALED IN FINISHED AREAS.
- NO DEAD RISE SHALL BE LEFT ON ANY PIPING UPON COMPLETION OF THE PROJECT.
- SPRING CAPPED PIPING NOT TO BE REMOVED AND NOT SPECIFICALLY NOTED OR SHOWN ON DRAWINGS TO BE ABANDONED SHALL BE COMPLETELY REMOVED.
- THE EXISTING SYSTEM SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
- LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING SHALL BE VERIFIED AT THE SITE.
- NO REMOVED EXISTING PIPING, EQUIPMENT, ETC. SHALL BE REUSED.
- ALL EXISTING EXPOSED UNNECESSARY PIPING RELATED TO WORK BEING DONE SHALL BE COMPLETELY REMOVED.
- THE CONTRACTOR SHALL NOT INTERRUPT ANY OF THE SERVICES OF THE EXISTING FACILITY, NOR SHALL INTERFERE WITH THE OPERATION OF ANY EQUIPMENT OR SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING UTILITIES AND INTERFERENCES SHALL BE MADE AS BRIEF AS POSSIBLE AND ONLY AT THE TIME STATED BY THE OWNER.
- UNDER NO CIRCUMSTANCES SHALL THIS CONTRACTOR OR HIS WORKMEN BE PERMITTED TO USE PORTABLE TOILETS OR SANITATION FACILITIES ON THE PREMISES.
- REBURY OR REMOVE ALL EXISTING PIPING WHERE NECESSARY TO AVOID NEW EQUIPMENT, STRUCTURAL, MECHANICAL OR ELECTRICAL WORK AS REQUIRED BY THE PROPOSED ALTERATION.

PLUMBING NOTES

- ALL DOMESTIC HOT WATER PIPING SHALL BE INSTALLED WITH 1" THICK POLYMER CONCRETE INSULATION. PROVIDE GAB BARS AT 2' ON CENTER. PROVIDE 1/2" AIR SPACE BETWEEN INSULATION AND FINISH SURFACE. PROVIDE GAB BARS AT 2' ON CENTER. PROVIDE 1/2" AIR SPACE BETWEEN INSULATION AND FINISH SURFACE. PROVIDE GAB BARS AT 2' ON CENTER. PROVIDE 1/2" AIR SPACE BETWEEN INSULATION AND FINISH SURFACE.
- TEST DOMESTIC WATER SYSTEM TO A HYDRAULIC PRESSURE OF 1 1/2 TIMES THE NORMAL WORKING PRESSURE AND IN ACCORDANCE TO CODES.
- RESTRICTION FOR NEW PIPING SHALL BE TO USE STANDARD WEIGHT CAST IRON PIPE.
- RESTRICTION FOR NEW PIPING SHALL BE TO USE STANDARD WEIGHT CAST IRON PIPE.
- DRAIN PANS FOR COLD AND HOT WATER PIPING SHALL BE 3" LARGER GALVANIZED STEEL WITH CONTINUOUSLY WELDED SEAMS. PAN SHALL BE 3" LARGER THAN THE PIPE AND 2" DEEP.
- DRAIN PANS FOR COLD AND HOT WATER PIPING SHALL BE 3" LARGER THAN THE PIPE AND 2" DEEP.
- PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT.
- SUPPORTS, HANGERS, FASTENINGS, AND BRACKETS SHALL BE PROVIDED FOR ALL PIPING AS PER CODE. HANGERS SHALL BE GUNNITE CLASS #20 OR SIMILAR. HANGERS SHALL BE INSTALLED OVER INSULATION AND SHEETS SHALL BE FRAMED PAINTED.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINISH AND APPROVAL FROM THE BUILDING DEPARTMENT.

GENERAL NOTES

- ALL PLUMBING PIPING, VALVES, INSULATION, AND INSTALLATION METHODS AND REQUIREMENTS: CONTRACTOR TO STRICTLY ADHERE TO BASE BUILDING STANDARDS AS PRESENTLY INSTALLED. CONTRACTOR TO OBTAIN APPROVAL FROM BUILDING DEPARTMENT FOR ANY DEVIATION FROM BASE BUILDING STANDARDS.
- ALL PIPING TO BE REMOVED SHALL BE PROPERLY FLAGGED OR CAPPED SO THAT UPON COMPLETION OF ALL NEW WORK, ALL ABANDONED PIPING SHALL BE CONCEALED IN FINISHED AREAS.
- CONTRACTOR SHALL VISIT AND INSPECT THE JOB SITE TO BECOME FULLY AWARE OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND/OR OWNER APPROVALS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL ADVISE THE BUILDING DEPARTMENT AND/OR OWNERS OF ANY CONCERNS OR QUESTIONS HE MAY HAVE REGARDING THE BUILDING STANDARDS AND/OR REGULATIONS THAT APPLY TO THIS PROJECT. CONTRACTOR SHALL ADVISE THE BUILDING DEPARTMENT AND/OR OWNERS OF ANY CONCERNS OR QUESTIONS HE MAY HAVE REGARDING THE BUILDING STANDARDS AND/OR REGULATIONS THAT APPLY TO THIS PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD CONDITIONS AND FIELD CONDITIONS WITH ALL OTHER TRADES.
- COORDINATE CONNECTIONS TO EXISTING BASE BUILDING SERVICES WITH BUILDING DEPARTMENT AND/OR OWNERS. CONTRACTOR SHALL ADVISE THE BUILDING DEPARTMENT AND/OR OWNERS OF ANY CONCERNS OR QUESTIONS HE MAY HAVE REGARDING THE BUILDING STANDARDS AND/OR REGULATIONS THAT APPLY TO THIS PROJECT. CONTRACTOR SHALL ADVISE THE BUILDING DEPARTMENT AND/OR OWNERS OF ANY CONCERNS OR QUESTIONS HE MAY HAVE REGARDING THE BUILDING STANDARDS AND/OR REGULATIONS THAT APPLY TO THIS PROJECT.
- ALL PIPING ON FLOOR BELOW TO BE INSTALLED ON OVERHUNG BUILDING MUST BE INSTALLED WITH PROTECTIVE BRACING AND SUPPORTS TO AVOID COLLAPSE.
- ALL PIPING ON FLOOR BELOW TO BE INSTALLED ON OVERHUNG BUILDING MUST BE INSTALLED WITH PROTECTIVE BRACING AND SUPPORTS TO AVOID COLLAPSE.

WASTE, VENT, HOT & COLD WATER PIPING SCHEMATIC RISER

