- 1. EXT'G CONDITIONS ARE BASED ON AVAILABLE INFORMATION. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE CIVEN FOR FAILURE TO
- 2. MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE FOR A COMPLETE INSTALLATION WITHOUT ADDITIONAL COST TO THE OWNER.
- FIELD ORGANIZE AND INSTALL ALL EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC FOR MAXIMUM CLEARANCE AND MAINTENANCE ACCESSIBILITY. (ALL TRADES)
- 4. EXISTING PIPING, DUCTWORK AND EQUIPMENT SHOWN LIGHT. NEW PIPING, DUCTWORK AND EQUIPMENT SHOWN BOLD.
- 5. EXISTING PIPING, DUCTWORK AND EQUIPMENT TO REMAIN OR THAT WHICH IS NOTED TO BE REUSED SHALL BE PROTECTED FROM DAMAGE.
- 6. PROVIDE BACKFLOW DEVICE AS REQUIRED ON DISHWASHERS, GARBAGE DISPOSALS, ICE MARKERS AND BEVERAGE DISPENSERS ETC. IF NOT PROVIDED WITH EQUIPMENT THEN PROVIDE PER IPC AND AHJ.

## **KEY NOTES**

- WATER LINES ON THIS LEVEL ARE SERVED FROM BELOW. INSURE ALL FLOOR PENETRATIONS ARE SEALED WATER TIGHT AROUND INSULATION.
- 2. COORDINATE EXACT LOCATIONS OF KITCHEN EQUIPMENT AND FIXTURES IN THIS ROOM PRIOR TO INSTALLATION WITH ARCHITECT AND OWNER.
- 3. APPROXIMATE LOCATION FOR THE OWNER PROVIDED ICE MARKER. PROVIDE ALL REQ'D VALVES, FILTERS AND BACK FLOWS FOR CONNECTION PER THE MFGR REQUIREMENTS. EXTEND STUBBED UP 1/2" CW LINE FOR CONNECTION. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
- 4. CONNECT TO EXISTING 2" CW LINE STUBBED UP THROUGH FLOOR AND EXTEND IN WALL FRAMING TO SERVE FIXTURES IN BOTH BATHROOMS. DISTRIBUTE ACCORDINGLY FROM THE 2" HEADER.
- 5. PROVIDE ACCESS DOOR AND SHUT OFF VALVE IN THE WALL FOR ACCESS TO THE SHOCK ARRESTER IN THE MEN'S BATHROOM. PROVIDE ACCESS DOOR ABOVE THE TILE, 5'-6" TO THE BOTTOM.
- 6. FIELD VERIFY THAT INSULATION IS INSTALLED IN ALL WALL CAVITIES THAT CONTAIN DOMESTIC WATER LINES IN THE EXTERIOR WALL. INSTALL INSULATED WATER PIPING ON THE WARM SIDE OF THE WALL IN ALL LOCATIONS. OFFSET INSULATION AS NEEDED.
- 7. CONNECT TO EXISTING 1/2" CW AND HW LINES STUBBED UP THROUGH FLOOR AND EXTEND IN WALL FRAMING TO SERVE LAVATORIES IN THE MEN'S BATHROOM, DISTRIBUTE ACCORDINGLY.
- 8. CONNECT TO EXISTING 1/2" CW AND HW LINES STUBBED UP THROUGH FLOOR AND EXTEND IN WALL FRAMING TO SERVE THE SINK IN THE GREEN
- 9. MAKE CONNECTION TO EXISTING 3/4" CW AND HW LINES BELOW IN THE MAIN LEVEL CEILING SPACE, FIELD VERIFICATION REQ'D. EXTEND NEW 3/4" CW AND HW LINE UP IN WALL FRAMING TO SERVE THE NEW MOP BASIN.
- 10. CONNECT TO EXISTING 1/2" CW AND HW LINES STUBBED UP THROUGH FLOOR AND EXTEND IN WALL FRAMING TO SERVE HAND SINK IN CATERING.
- 11. EXISTING 1/2" CW LINE STUBBED UP THROUGH FLOOR SHALL REMAIN AND BE PROTECTED FROM DAMAGE.

12. EXTEND NEW 1/2" CW AND HW LINES UP IN WALL FRAMING TO SERVE THE

- 13. CONNECT UNDER COUNTER DISHWASHER TO HOT WATER LINE UNDER HAND SINK. PROVIDE SEPARATE SHUT OFFS FOR EACH FIXTURE.
- 14. OFFSET EXISTING FIRE PROTECTION PIPING INTO WALL ON THE WARM SIDE OF THE INSULATION. SEE LOWER LEVELS AND COPY THIS INSTALLATION. 15. RELOCATE EXISTING FIRE PROTECTION MAIN LINE AND LATERAL BRANCH LINES PER RENOVATIONS SHOWN. RELOCATE FIRE PROTECTION HEADS PER NEW WALL LOCATIONS. ADD ADDITIONAL HEADS TO PROVIDE ADEQUATE PROTECTION PER NFPA-13 REQUIREMENTS. FIRE SPRINKLER ENGINEER BY G.C. COORDINATE WITH ALL TRADES PRIOR TO INSTALLATION. RE-CERTIFY THE SYSTEM AS REQ'D.

1/4" = 1'-0" 01





OLD STO!
PHASE TW
120 NORTH
SUNDANCE,

SECOND FLOOR DOMESTIC PIPING