



- ### GENERAL NOTES
1. OFFSET PIPING AS NECESSARY AT ELECTRIC/TELECOM/FIBEROPTIC/UTILITY INTERSECTING LOCATIONS.
 2. REPAIR CONCRETE SIDEWALKS AND PAVEMENT AS NECESSARY AT DISTRIBUTION PIPING INTERSECTING LOCATIONS.
 3. SEE REFERENCED DRAWINGS FOR ANY NOTED DETAIL CALL OUTS. CONTRACTOR SHALL REPLACE ANY TREE THAT IS REQUIRED TO BE REMOVED WITH TREE MEETING SPECIFICATION PROVIDED BY NMT.
 4. REFER TO INDIVIDUAL BLDG DWGS FOR PIPING CONNECTION REQUIREMENTS.
 5. CONTRACTOR SHALL PROVIDE FLANGE ADAPTER (DRESSER COUPLINGS) OR MECHANICAL JOINTS AS REQUIRED FOR DUCTILE IRON AND PVC PIPING, RESPECTIVELY, TO CONNECT VALVES OR FLANGED FITTINGS.
 6. CONTRACTOR SHALL PROVIDE RESTRAINED JOINTS ON ALL CHANGES OF DIRECTION OR PIPE TERMINATION FOR THE MINIMUM RESTRAINED LENGTHS RECOMMENDED BY THE MANUFACTURER. PROVIDE PROPOSED RESTRAINED LENGTHS IN SHOP DRAWINGS.
 7. BRANCH ISOLATION VALVES SHALL BE LOCATED AS NEAR TO THE MAIN AS PRACTICAL. ALL BRANCH PIPING SHALL BE EXTENDED, AS A MINIMUM, TO WITHIN TWO FEET OF BUILDING BEING SERVED OR UNTIL CONNECTION TO COPPER PIPING IS AVAILABLE.
 8. DWG 00.2 IS PROVIDED IN THIS SET TO DOCUMENT EXISTING UTILITIES - TREES, SIDEWALKS, ROADWAYS, ETC. ALONG THE PROPOSED PIPE ROUTING. CONTRACTOR WILL BE PROVIDED A CAD VERSION FOR COORDINATION PURPOSES BUT IS CAUTION TO FIELD VERIFY CONDITIONS PRIOR TO EXCAVATION.

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1. REMOVE/TRANSPLANT 6" ASH TREE.
 2. IF NECESSARY, REMOVE/TRANSPLANT 8" JUNIPER TREES.
 3. PROVIDE 1 1/2" BYPASS BETWEEN CHS&CHR WITH LINE SIZE BALL VALVE. EXTEND ACTUATOR TO GRADE.
 4. CONNECT NEW HWS/R PIPING TO EXISTING HW LINES.
 5. CONNECT TO EXISTING HW VALVES SERVING USEC.
 6. BREAK SHORT LOOP CONNECTION AND CONNECT NEW HWS/R.
 7. CONNECT HWR FROM BLDG TO HWR SIDE OF SHORT LOOP.
 8. RE: 00M2.1 FOR ENLARGED PLAN.
 9. CONNECT TO EXISTING HWS/R VALVES SERVING BUILDING 24-JONES ANNEX.
 10. FIELD VERIFY EXISTING SUPPLY AND RETURN PRIOR TO CONNECTION.
 11. COORDINATE NEW PIPE ROUTING WITH EXISTING SANITARY CLEANOUT. RELOCATE EXISTING CLEANOUT IF REQUIRED.
 12. CUT IN FLANGED TEES WITH VALVES IN BRANCH ONLY AND ROUTE TO EXISTING.
 13. RECONNECT TO EXISTING BUILDING BRANCH PIPING IN TUNNEL THAT SERVES WORKMAN CENTER. PIPING THAT GOES NORTH OF THIS POINT IN TUNNEL SHALL BE REMOVED. EXISTING PIPING THAT REMAINS SHALL GET NEW PIPE SUPPORTS.
 14. ADD BLIND FLANGE TO VALVES IN HWS/R BRANCH PIPING SERVING PRESIDENTS HALL (BLDG. 36) & SOUTH HALL (BLDG. 39). ABANDON BRANCH PIPING IN PLACE. CONNECT DRAIN CONNECTION DESCRIBED IN NOTE 20, AT THIS LOCATION.
 15. CONNECT TO EXISTING DUCTILE IRON HWS/R AND ROUTE AS SHOWN.
 16. FIELD VERIFY CHS/R AND CONNECT RE: 8" CHS/R WITH ISOLATION VALVES. ROUTE AS SHOWN AND TERMINATE WEST OF OLIVE LANE WITH VALVES AND BLIND FLANGES.
 17. CONNECT TO EXISTING & ROUTE AS SHOWN.
 18. REMOVE & REPLACE CRABAPPLE TREE IN THIS AREA.
 19. ABANDONED UNDERGROUND STORAGE TANK(S) LOCATED IN THIS VICINITY. FIELD VERIFY, ROUTE PIPING TO CLEAR.
 20. PROVIDE 3" MANUAL DRAIN VALVE AT LOW POINT IN SYSTEM & IN THIS GENERAL AREA. PROVIDE IN CHS/R & HWS/R (INCLUDING EXISTING PIPING). ROUTE EFFLUENT TO NEAREST SS MANHOLE.
 21. ROUTE (2) 4" PVC CONDUITS FROM EXISTING IT BOX TO SOUTH HALL.
 22. CONTRACTOR SHALL REPLACE BUTTERFLY VALVES IN EXISTING (SHORT LOOP) WITH GATE VALVES AS SPECIFIED FOR NEW HW DISTRIBUTION.
 23. TERMINATE CHS/R STUBOUTS (CAPPED) WITHIN SIX FEET OF BROWN HALL.
 24. REPLACE EXISTING BRANCH PIPING TO W/IN 2' OF BUILDING OR UNTIL CONNECTED TO COPPER.

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RENOVATION PLAN

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