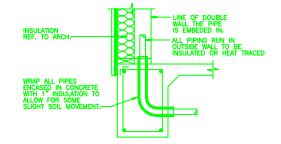


**KEYED NOTES:**

- 1. FIRE LINE TO BE SIZED BY SPRINKLER CONTRACTOR HYDRAULIC CALCULATIONS. BACKFLOW PREVENTER TO BE SIZED PER FIRE LINE DESIGN. (USE 6" SIZE FOR BIDDING PURPOSES ONLY.)



**STANDARD GRADE BEAM PENETRATION DETAIL**  
 (02) NO SCALE

- NOTE:
1. DO NOT CUT CONTINUOUS REINFORCEMENT UNLESS A LAP SPICE OF 30 BAR DIAMETER EACH WAY IS USED. (LAP BAR SAME DIAMETER AS MAIN REINFORCEMENT)
  2. IF FOOTING MUST BE WEDGED TO MEET THESE PARAMETERS, LENGTH IS 2'-0" MINIMUM FOR PROTECTION.
  3. PIPE DIMENSIONAL LOCATION WITHIN GRADE BEAM REFER TO STRUCTURAL PLANS.

**(01) FLOOR PLAN – UNDER FLOOR PLUMBING**  
 SCALE: 1/4" = 1'-0"