

PALO ALTO FIRE DEPARTMENT

CONTRACTORS UNDERGROUND PIPE INSPECTION CHECK LIST

This check list is only to be used as a guide. Refer to all NFPA, CFC 2007 codes and local regulations prior to inspection prior to inspection. **Leave the box unchecked if the line item does not apply to this project.**

PRE INSPECTION:

- DOWNLOAD AN INSPECTION REQUEST FORM AT www.cityofpaloalto.org/fireinspection
- SCAN AND EMAIL FORM TO fireinspection@cityofpaloalto.org
- OR FAX TO 650-327-6951
- HAVE APPROVED PLANS AVAILABLE
- HAVE PERMIT AVAILABLE
- HAVE A PROJECT MANAGER/ENGINEER PRESENT AT INSPECTION
- START HYDROSTATIC TEST MINIMUM 2 HRS PRIOR TO INSPECTION (200 PSI/ 2 HRS)

INSPECTION:

- VERIFY AREA(S) ON PLANS TO BE INSPECTED
- IDENTIFY THE RISER LOCATION PER PLANS
- IDENTIFY FDC LOCATION IS PER PLANS
- CHECK HYDROSTATIC (200 PSI FOR 2 HRS) (PLAN MAY CALL OUT OTHER SPECS)

PIPING AND SUPPORTS:

- CHECK THAT PIPING, CONFIGURATION AND SUPPORT MATERIALS ARE AS PER PLANS
- CHECK PIPING AND SUPPORTS ARE PER MANUFACTURER'S REQUIREMENTS
- CHECK THAT ALL PIPING LAID IS SECURE
- CHECK DEPTH OF PIPE IS PER PLANS
- CHECK THAT PIPE IS FULLY SUPPORTED THE ENTIRE LENGTH

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PIPING AND SUPPORTS CONT:

- CHECK THAT THE PROPER SUPPORT MATERIALS WAS USED
- CHECK THAT CONDUCTIVE LOCATER WIRE IS USED WITH PLASTIC PIPE
- CHECK THAT CONDUCTIVE LOCATER WIRE IS NOT SPLICED OR BROKEN
- CHECK PLANS FOR SOIL CONDITION COMMENTS CONCERNING COATING OF ENTIRE PIPE
- CHECK THAT ALL BOLTED JOINTS ARE COATED PROPERLY AND WITH PROPER MATERIAL
- CHECK THAT ALL VALVES SIZES, LOCATIONS AND TYPES ARE PER PLANS
- CHECK SIZE AND LOCATIONS OF HYDRANTS ARE PER PLANS
- CHECK THAT PIPE STABILITY SYSTEMS ARE PROPERLY IN PLACE
- CHECK THAT ALL THRUST BLOCKS OR APPROVED EQUAL ARE AT EACH CHANGE OF DIRECTION
- CHECK THAT THRUST BLOCKS ARE SIZED PER PLANS AND AGAINST **COMPACTED** SOIL
- CHECK OTHER RETAINING METHODS ARE PER PLANS
- CHECK THAT ALL PIPES RUNNING THROUGH CONCRETE WALLS ARE WRAPPED
- PALO ALTO UTILITIES MUST APPROVE AND SIGN OFF ALL BACK FLOW DEVICES**