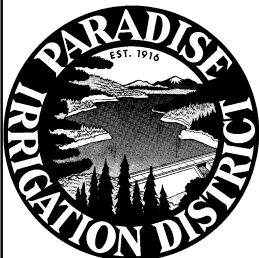


NOTES:

1. BACKFLOW PREVENTION ASSEMBLY SHALL BE A REDUCED PRESSURE PRINCIPLE (RP) ASSEMBLY CERTIFIED BY USC FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH. ASSEMBLY SHALL BE LOW LEAD IN COMPLIANCE WITH NSF 61.
2. CONTACT PID BEFORE INSTALLATION. REVIEW CLEARANCE AND ACCESSIBILITY ISSUES WITH PID INSPECTOR. PID TO INSPECT UTILITY-SIDE PLUMBING OF BACKFLOW PREVENTION ASSEMBLY PRIOR TO BACKFILL OR ENCASEMENT. ENCLOSURES AND FREEZE PROTECTION MUST BE APPROVED BY PID.
3. BACKFLOW ASSEMBLY SHALL ONLY BE INSTALLED IN AN ALIGNMENT CERTIFIED BY THE MANUFACTURER.
4. NO TAPS/CONNECTIONS ARE PERMITTED ON THE UTILITY SIDE OF THE BACKFLOW PREVENTION ASSEMBLY. BACKFLOW ASSEMBLY TEST COCKS SHALL ONLY BE USED FOR TESTING PURPOSES BY CERTIFIED TEST PERSONNEL.
5. BACKFLOW RISER SHALL BE PLUMBED USING RIGID METALLIC PIPE. PRESSURE REDUCER OR PIPE UNION SHALL NOT BE INSTALLED ON UTILITY SIDE OF BACKFLOW ASSEMBLY.
6. DISTANCE "X" SHALL BE KEPT TO A MINIMUM. IF "X" EXCEEDS 12 INCHES THE SERVICE LINE SHALL BE ENCASED IN MIN 2,000 PSI CONCRETE FROM THE METER BOX TO THE POINT WHERE THE PIPE LEAVES THE GROUND. CONCRETE ENCASEMENT SHALL BE MIN 4" THICK ON ALL SIDES OF PIPE. ANY NONMETALLIC PIPE IN ENCASEMENT SHALL BE WRAPPED TO PROTECT PIPE FROM CONTACT WITH CONCRETE.
7. UPON COMPLETION OF INSTALLATION, AND PRIOR TO RECEIVING SERVICE, BACKFLOW ASSEMBLY SHALL BE TESTED BY A CERTIFIED TESTER AND THE RESULTS SUBMITTED TO PID.



PARADISE IRRIGATION DISTRICT  
STANDARD DRAWING

PID-15

SHEET 1 OF 1

RP INSTALLATION FOR DOMESTIC  
CONNECTIONS UP TO 2"

DRAWN      CHECKED  
NE              JL

DATE  
MAY 2013

NO SCALE