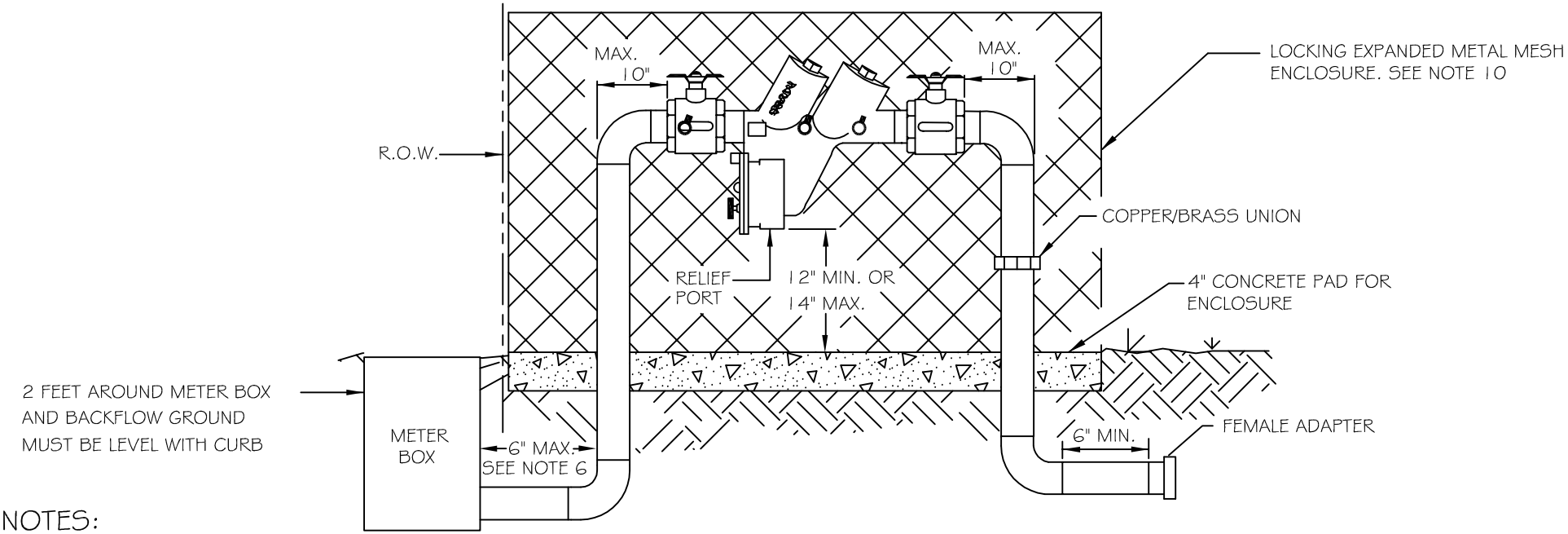

NOTES:

1. ASSEMBLY SHALL BE APPROVED BY UNIVERSITY OF SOUTHERN CALIFORNIA (USC) FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH. LIST OF APPROVED ASSEMBLIES ON FILE AT CIVIL ENGINEERING.
2. SHUTOFF VALVES SHALL BE RESILIENT BALL TYPE WITH REMOVABLE HANDLES.
3. ALL PIPE AND FITTINGS SHALL BE TYPE 'K' RIGID COPPER. COMPRESSION FITTINGS ARE NOT ALLOWED.
4. TEST COCKS SHALL BE FITTED WITH BRASS PLUGS INSTALLED WITH TEFLON TAPE.
5. NO TAPS SHALL BE ALLOWED BETWEEN THE METER AND THE BACKFLOW PREVENTION ASSEMBLY.
6. INSTALL BACKFLOW PREVENTION ASSEMBLY INLINE AND WITHIN 6 INCHES OF THE METER BOX, IMMEDIATELY DOWNSTREAM OF THE LINESETTER.
7. THE COPPER/BRASS UNION MAY NOT BE REQUIRED IF THE ASSEMBLY INCORPORATES THE UNION.
8. INSTALL BACKFLOW PREVENTION ASSEMBLY WITH RELIEF PORT FACING TOWARD THE GROUND.
9. BACKFLOW PREVENTION INSTALLATION MUST BE LEVEL, AND INSTALLED A MINIMUM OF 12 INCHES AND A MAXIMUM OF 14 INCHES FROM RELIEF PORT TO FINAL GRADE.
10. LOCKING ENCLOSURE SHALL BE GUARD SHACK OR EQUIVALENT, PAINTED 'DESERT TAN' WITH TNEMEC EDUROSHIELD PER MFG'S INSTRUCTIONS. MINIMUM 12 MILS DFT.
11. BACKFLOW PREVENTION ASSEMBLY SHALL HAVE AT LEAST THE SAME CROSS-SECTIONAL AREA AS THE WATER METER BUT NO MORE THAN ONE SIZE LARGER THAN THE METER.

REDUCED PRESSURE-PRINCIPLE BACKFLOW PREVENTION ASSEMBLY INSTALLATION - 3" AND UNDER