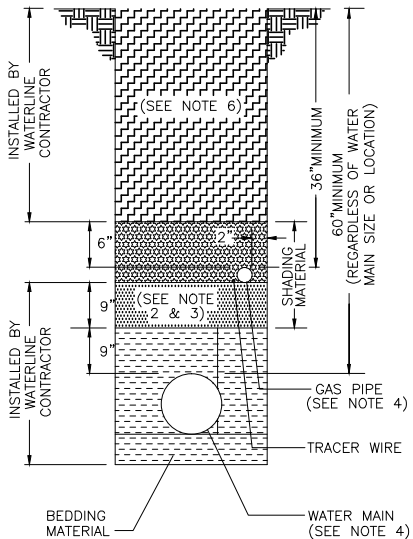
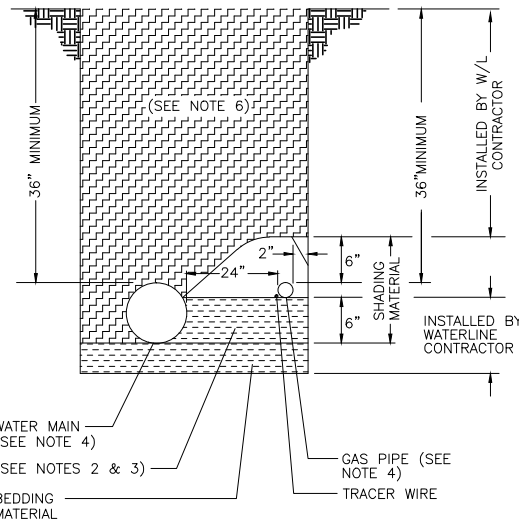


**NOTES**

1. GAS PIPE SHALL HAVE A MINIMUM OF 36" COVER AS MEASURED FROM WHICHEVER IS LOWER, FINISHED GRADE OF PAVEMENT OR NATURAL GROUND, UNLESS OTHERWISE NOTED. "BLUE TOPS" MAY BE REQUESTED TO VERIFY COVER.
2. AFTER THE WATER MAIN HAS BEEN INSTALLED, THE CONTRACTOR SHALL INSTALL SHADING MATERIAL TO PROVIDE A LEVEL UNIFORM BEARING SURFACE FOR THE INSTALLATION OF THE GAS PIPE. THE CITY OF MESA OR ITS GAS LINE CONTRACTOR WILL FURNISH AND INSTALL THE GAS PIPE AND TRACER WIRE AFTER THE WATER MAIN HAS BEEN INSTALLED.
3. SHADING MATERIAL ADJACENT TO THE CITY OF MESA GAS PIPE SHALL BE SELECT SANDY TYPE SOIL FREE OF ROCKS OR DEBRIS THAT WILL PASS THROUGH A 3/8" SCREEN AS INSPECTED AND APPROVED BY CITY OF MESA GAS INSPECTION PERSONNEL. CITY OF MESA SHALL FURNISH ALL SHADING MATERIAL, WHEN NECESSARY, AND INSTALL THE SHADING MATERIAL FROM THE BOTTOM OF THE GAS PIPE TO 6" ABOVE THE TOP OF THE GAS PIPE.
4. SEE CONSTRUCTION PLANS FOR WATER MAIN AND GAS PIPE SIZES.
5. WHERE WATER AND GAS ARE INSTALLED IN A JOINT TRENCH, THE CONTRACTOR SHALL ADJUST BOTH WATER AND GAS VALVE HOUSING BOXES TO FINISHED GRADE ACCORDING TO THE APPLICABLE STANDARD DETAIL. ALSO, THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY BARRICADING, STEEL PLATING AND TRENCH SHORING REQUIRED DURING GAS INSTALLATION.
6. CONTRACTOR SHALL COMPLETE ALL BACKFILL TO FINISHED GRADE AFTER THE GAS PIPE INSTALLATION IS COMPLETED.
7. A MINIMUM OF 24" OF SEPARATION SHALL BE MAINTAINED BETWEEN GAS PIPE, WATER MAIN AND OTHER UNDERGROUND FACILITIES WHEN OVERCROSSING OR UNDERCROSSINGS.
8. CITY MAY SPECIFY TRENCH DETAIL TO BE USED. IF NOT, CONTRACTOR HAS THE OPTION OF INSTALLING TRENCH DETAIL 'A' OR 'B', UNLESS OTHERWISE NOTED. PREFERRED INSTALLATION IS TRENCH DETAIL 'A'.



**TRENCH DETAIL 'A'**  
(SEE JU-2000)



**TRENCH DETAIL 'B'**  
(SEE JU-2000)

**LEGEND**

INSTALLED BY THE CITY OR ITS GASLINE CONTRACTOR

**JOINT USE WATER AND GAS TRENCH DETAIL**