**GENERAL NOTES:**

1. IF THIS SHEET IS NOT 24"X36", USE GRAPHIC SCALE ACCORDINGLY.

**ENGINEERING STANDARDS**

**CIVIL**

**VALVE BOX DETAIL-GAS/WATER**

**NOTES FOR DESIGNER:** (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM CIVIL POC.

2. REFER TO LANL MASTER SPECIFICATION 33 1000, WATER UTILITIES AND 33 5100, NATURAL GAS DISTRIBUTION FOR VALVE BOX SPECIFICATIONS.

**CONCRETE COLLAR**

- FINISHED GRADE
- SUPPORT VALVE BOX ON CONCRETE BLOCKS - DO NOT SUPPORT VALVE BOX ON PIPE OR VALVE
- USE BASE FOR VALUES 4" AND LARGER
- LID MARKED "GAS" OR "WATER"

**CONCRETE BLOCK (TYPICAL)**

**SHEET #**

**VL**

**6"**

**LID MARKED "GAS" OR "WATER"**

**CONCRETE COLLAR**

**SUPPORT VALVE BOX ON CONCRETE BLOCKS - DO NOT SUPPORT VALVE BOX ON PIPE OR VALVE**

**USE BASE FOR VALUES 4" AND LARGER**

**CONCRETE BLOCK (TYPICAL)**

**NOTES FOR DESIGNER:** (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM CIVIL POC.

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**LID MARKED "GAS" OR "WATER"**

**CONCRETE COLLAR**

**SUPPORT VALVE BOX ON CONCRETE BLOCKS - DO NOT SUPPORT VALVE BOX ON PIPE OR VALVE**

**USE BASE FOR VALUES 4" AND LARGER**

**CONCRETE BLOCK (TYPICAL)**

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