WATER PIPING TIE-IN DETAIL

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 WATER STANDARDS FOR ADDITIONAL REQUIREMENTS:
   - 2.1. ENGINEERING MANUAL, CIVIL CHAPTER.
   - 2.2. MASTER SPECIFICATION 31 3000, ELECTRICAL MOVING.
   - 2.3. MASTER SPECIFICATION 33 1000, WATER UTILITIES.
   - 2.4. MECHANICAL DRAWING ST-G3010-1, SITE/BUILDING WATER COMPONENTS DIAGRAM.

3. CONSULT WITH LANL UTILITIES & INSTITUTIONAL FACILITIES GROUP WATER SYSTEM REPRESENTATIVE FOR TIE-INS GREATER THAN 12".

GENERAL NOTES:

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

KEYED NOTES:

1. RUN NEW SERVICE LINE TO WITHIN 6" OF EXISTING MAIN
2. MINIMUM BELL HOLE AT BOTTOM OF TRENCH: 24" FROM CENTERLINE OF NEW PIPE ON EACH SIDE; 18" FROM EDGE ON-BACK SIDE; 4" IN FRONT OF MAIN (SEE TRENCH DETAIL)
3. LANL CONSTRUCTION INSPECTOR WILL ENSURE MATERIALS REQUIRED FOR HOT TAP ARE AT JOB SITE. DISINFECTION AND PRESSURE TESTING OF THE SERVICE LINE HAVE BEEN COMPLETED, AND EXCAVATION OF BELL HOLE IS DONE PRIOR TO NOTIFYING MSS U&I.
4. LANL CONSTRUCTION INSPECTOR WILL GIVE MSS U&I 15 WORKING DAYS NOTICE OF THE NEED TO SCHEDULE A TIE-IN TO EXISTING UTILITIES.

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