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

1. PROVIDE 1", 1 1/4", 2" or 3" PE SERVICE LINE AND A 2" MIN. PE MAIN.
2. 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 LANL ESM CIVIL POC.
3. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
   1.1. ENGINEERING MANUAL, CIVIL CHAPTER.
   1.2. SPEC 31 2000, EARTH MOVING.
   1.3. SPEC 33 5100, NATURAL-GAS DISTRIBUTION.
4. SPECIFY POLYETHYLENE PIPING FOR BRANCH PIPING TO BUILDING. USE OF COATED STEEL PIPING SHALL BE APPROVED BY LANL UTILITIES AND INSTITUTIONAL FACILITIES GROUP GAS SYSTEM REPRESENTATIVE.
5. SIZE SERVICE LINES IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE OR UNIFORM MECHANICAL CODE.
6. PROVIDE TRACER WIRE IN ACCORDANCE WITH LANL ESM STANDARD DRAWING ST-G30GEN-3. TRACER WIRE DETAIL FOR NON-METALLIC PIPE ONLY.

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

SCALE: NONE

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE.

LANL'S MSS U&I WILL TIE INTO EXISTING MAIN WITH ALL MATERIALS (SADDLE OR TEE AND VALVE) FURNISHED BY SUBCONTRACTOR.

LANL STR WILL NOTIFY U&I UMAP FOR TRACER WIRE CONTINUITY TESTING AND UTILITY DOCUMENTATION.

LANL STR WILL NOTIFY MSS U&I 15 DAYS IN ADVANCE TO SCHEDULE TIE-IN.

LOCATE STUB-OUT FOR GAS REGULATOR 9" TO 12" FROM BUILDING. ENSURE PIPING IS STRAIGHT, LEVEL AND PLUMB WITH BUILDING.

WHEN TIE-IN PIPING IS EQUAL TO OR EXCEEDS 1/2 OF MAIN DIAMETER, MAKE TIE-IN WITH FULL CIRCLE WELD CLAMP OR BY CUTTING IN A TEE.

LANL STR WILL NOTIFY U&I UMAP FOR TRACER WIRE CONTINUITY TESTING AND UTILITY DOCUMENTATION.

SPECIFY POLYETHYLENE PIPING FOR BRANCH PIPING TO BUILDING. USE OF COATED STEEL PIPING SHALL BE APPROVED BY LANL UTILITIES AND INSTITUTIONAL FACILITIES GROUP GAS SYSTEM REPRESENTATIVE.

SIZE SERVICE LINES IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE OR UNIFORM MECHANICAL CODE.

DESIGN DRAWINGS AND SUBMITTALS OF SITE NATURAL GAS PIPING SYSTEM SHALL BE REVIEWED AND APPROVED BY LANL UTILITIES AND INSTITUTIONAL FACILITIES GROUP GAS SYSTEM REPRESENTATIVE.

DESIGN PIPING CAPACITY FOR 60 PSIG GAS PRESSURE AND 100 PSIG MAXIMUM OPERATING PRESSURE.

ONGOING REVIEW AND NOT FOR CONSTRUCTION.