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 STANDARDS MANUAL, CIVIL CHAPERT.
   2.2. MASTER SPECIFICATION 31 2000, EARTH MOVING.
   2.3. MASTER SPECIFICATION 33 1000, WATER UTILITIES.
   2.4. CIVIL DRAWING ST-G30GEN-1, BOLLARD DETAIL.
   2.5. MECHANICAL DRAWING ST-D2020-1, SITE/BUILDING WATER COMPONENTS DIAGRAM.

3. DO NOT SEPARATE THE FIRE HYDRANT FROM THE SHUT-OFF VALVE WITH A BARRIER (FENCE, ETC).
4. FIRE HYDRANT SHALL BE LOCATED WITH A MINIMUM 5 FEET CLEAR AREA ON SIDES, I.E. LANDSCAPING, FENCE, ETC, AND PUMPER CONNECTION SIDE SHALL BE FREE OF ANY OBSTRUCTIONS.
5. IF FIRE HYDRANTS ARE LOCATED WITHIN A POTENTIAL RELEASE SITE (PRS) CONSULT WITH THE LANL WATER QUALITY GROUP.
6. IF REQUIRED TWO TO FIVE BOLLARDS WILL BE PLACED EQUALLY AROUND HYDRANT AT MINIMUM 3'-0 FROM HYDRANT. SEE CIVIL DRAWING ST-G30GEN-1, BOLLARD DETAIL FOR BOLLARD REQUIREMENTS.

GENERAL NOTES:

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

KEYED NOTES:

1. L.A.R.E. MS NUMBER WILL NUMBER INITIAL STAMP THE HYDRANT AND VALVE BOX LE.
2. PAINT HYDRANT BONNET BLACK AND ATTACH LABEL - CAUTION NON-POTABLE WATER, DO NOT DRINK (REQUIRED ONLY FOR HYDRANTS SERVED BY NON-POTABLE WATER IN DESIGNATED FIRE LOOP).

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.