OUTLET PRESSURE | REGULATOR MAX. CAPACITY (SCFH) | ORIFIC NUMBER | SPRING NUMBER
---|---|---|---
7 IN | 750 | 1/8 | GE318BRX12 (BLACK)
14 IN | 650 | 1/8 | GE3224X312 (UNPAINTED)
1-2 PSIG | 475 | 1/8 | GE3191X12 (BLACK)

GENERAL NOTES:
- If this sheet is not 24"x36" use graphic scale accordingly.

KEYED NOTES:
- L/R: 4" INSULATING UNION REQUIRED
- FISHER REGULATOR CS200IR (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)
- REGULATOR STATION DETAIL
- GAS REGULATOR STATION DETAIL
- ST-G3060-2.3
- DRAWING DEVELOPED FOR ML-3/4 PROJECTS
- FOR ML-1/2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE.

NOTES FOR DESIGNER:
- (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
1. WHEN EDITING DETAIL TO SUIT PROJECT AND JOB SPECIFIC REQUIREMENTS DELETE ONLY THOSE WHICH DO NOT APPLY TO BEAR A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE DESIGNER.
2. VERIFY NATURAL GAS INLET PRESSURE AND SIZE REGULATOR ACCORDINGLY.
3. REFER TO THE FOLLOWING LAP STANDARDS FOR ADDITIONAL REQUIREMENTS:
   3.1 ENGINEERING STANDARDS MANUAL, CIVIL, CHAPTER 2.
   3.2 CIVIL DRAWING ST-G3060-1, BOLLARD DETAIL.
   3.3 MASTER SPECIFICATION 33 5100, NATURAL GAS DISTRIBUTION SYSTEMS.
   3.4 MASTER SPECIFICATION 23 1123, NATURAL GAS PIPING SYSTEMS (BUILDING).
4. PROVIDE 4" DIAMETER PIPE BOLLARDS IF VEHICLES ARE LIKELY TO COME IN CONTACT WITH REGULATOR STATION.
5. CONTACT LANL UTILITIES AND INSTITUTIONAL FACILITIES FOR SPECIAL DESIGN, AND WHEN EXCEPTIONS TO THESE STANDARDS ARE NECESSARY, LOCATION OF REGULATOR FLOW CAPACITIES, ETC.
6. INSTALL AGA APPROVED APPLIANCE REGULATIONS AT EACH APPLIANCE ON 1 PSIG OR 2 PSIG GAS PIPING SYSTEMS. SEPARATE VENTS TO THE OUTSIDE ARE NOT REQUIRED PROVIDING APPLIANCE REGULATORS HAVE MAXIMUM DISCHARGE RATE THROUGH VENT OF 1.0 CFH AT 2 PSIG.
7. INSTALL LIGHTNING PROTECTION CONDUCTOR TO THE OUTSIDE. TERMINATION POINTS FOR INSTALLATION OF LIGHTNING PROTECTION CONDUCTOR ARE BASED ON LOCAL REQUIREMENTS.
8. INSTALL LIGHTNING PROTECTION CONDUCTOR THROUGH WALL (NOT FOR CONSTRUCTION).