



KEYED NOTES:

- 1 LANL'S SUPPORT SERVICES SUBCONTRACTOR (SSS) WILL FURNISH, INSTALL, AND ADJUST PRESSURE OF GAS REGULATOR.
- 2 CONTRACTOR SHALL TERMINATE PIPING WITH A THREADED CAP OR PLUG AND ALLOW SUFFICIENT HORIZONTAL SPACE, 5-10 FEET, BETWEEN TERMINATION POINTS FOR INSTALLATION OF REGULATOR STATION.
- 3 LOCATE REGULATORS NOT LESS THAN 10 FEET HORIZONTALLY FROM INTAKE AIR DEVICES (LOUVERS, FANS, ETC).
- 4 BOND ABOVE GROUND PIPING TO ELECTRICAL GROUNDING SYSTEM. BOND TO GAS PIPING AT SUITABLE LOCATION DOWNSTREAM OF REGULATOR AND UPSTREAM OF GAS APPLIANCE SHUT-OFF VALVE. COMPLY WITH NEC.
- 5 BOND GAS PIPING LOCATED WITHIN 6 FEET OF A LIGHTNING PROTECTION CONDUCTOR TO THE CONDUCTOR PER NFPA 780. BOND TO GAS PIPING AT SUITABLE EXTERIOR LOCATION DOWN-STREAM OF REGULATOR.

OUTLET PRESSURE	REGULATOR MAX. CAPACITY (SCFH) AT 0.6 S.G.	ORIFICE SIZE	SPRING NUMBER
FISHER REGULATOR S202 (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)			
7" WC	2090 4340	1/4 3/8	ID8927-27012 (BLACK)

FISHER REGULATOR S202H (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)			
1 TO 2 PSIG	2060 4270	1/4 3/8	IH9758-27032 (DARK BLUE)
1 1/2 TO 3 3/4 PSIG	2020 4200	1/4 3/8	1H9759-27032 (ORANGE)
2 TO 5 PSIG	1980 4100	1/4 3/8	IP6154-27142 (YELLOW)

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 PACK-AGE).

GAS REGULATOR STATION DETAIL
SCALE: NONE

- NOTES FOR DESIGNER:**
(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
- SEE SHEET 5.
 - VERIFY NATURAL GAS INLET PRESSURE AND SIZE REGULATOR ACCORDINGLY.

2	1-19-06	U	DY	REVISED TITLE BLOCK DATA, AND ADTS - ENGINEERING LOGO.	RP	MS	MS	EH	TO			
1	8-23-02	U		GENERAL REVISION AND DWG. NO. WAS ST6500.	RP	JG	MS	EH	TO			
NO	DATE	CLASS	REV	ADD	DESCRIPTION			OWN	DSGN	CHKD	SUB	APP

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL

DRAWN	R.PEARSON
DESIGN	J.GONZALES
CHECKED	M.SMITHOUR
DATE	6-28-99

BLDG X TA-X
SUBMITTED APPROVED FOR RELEASE
DISCIPLINE POC: E.HOTH STANDARDS MANAGER: TOBIN ORUCH

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CLASSIFICATION: U REVIEWER: LARRY BAYS DATE: 4 OF 5
PROJECT ID: DRAWING NO: CHAPTER 3 ST-G3060-2 REV 2

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