



**KEYED NOTES:**

- ① ALARM CHECK VALVE WITH COMPLETE UL LISTED TRIM PER SPECIFICATION.
- ② TAMPER SWITCH.
- ③ 6" LONG SPOOL PIECE.
- ④ CONCRETE SPLASH BLOCK.
- ⑤ 2" MAIN DRAIN ANGLE VALVE.
- ⑥ 4" CHECK VALVE WITH 1/2" BALL DRIP.
- ⑦ FIRE DEPARTMENT CONNECTION.
- ⑧ 2" MAIN DRAIN WITH 45° ELBOW TURN DOWN.
- ⑨ TRACER WIRE TEST STATION (NOT UNDER SPLASH BLOCK).
- ⑩ ALARM SHUTOFF VALVE WITH TAMPER SWITCH.

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).

**SPRINKLER SYSTEM RISER DETAIL**

SCALE: NONE

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

- 1. SEE SHEET 6.

2	8-8-04	1	REVISED TOP OF DUCTILE IRON PIPE AND INDY TEST FOR MEGALUG FITTING WITH MECHANICAL RESTRAINT.	EP	AT	JW	JR	TR
1	8-30-02	1	ADDED BACKFLOW PREVENTER, DELETED REMOVED MASTIC, AND REFERRED TO ASSEMBLY WITH SYSTEM MANUAL. ENCL. NO. VMS 020111.	EP	AT	JW	JR	TR
NO.	DATE	BY	DESCRIPTION	CHKD	APP	CHKD	APP	APP
<b>FACILITY &amp; WASTE OPERATIONS SYSTEMS ENGINEERING &amp; MAINTENANCE</b>				LANS ENGINEERING MANUAL		BRUN	D.PETERSON	
SPRINKLER SYSTEM RISER DETAIL NET PIPE				DESIGN	ATTORALLO			
BLDG. X				CHECKED	AMOOD			
SUBMITTED				DATE	8-28-04			
DOCPREP: JAA VROG				APPROVED FOR RELEASE	SENSEURS MANAGED: TROM OUBH			
<b>Los Alamos</b>				PO BOX 1663	Los Alamos, New Mexico 87545			1
CLASSIFICATION: U				REVISION	ISSUE	DATE		1 OF 8
PROJECT ID				CHAPTER 2	FIGURE 18			REV
ST-D4010-1								2

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