



KEYED NOTES:

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

1	1-1-01	U	REVISED TO USE OF DUCTILE IRON PIPE AND NEW TEST FOR MECHANICAL FITTINGS WITH MECHANICAL SYSTEMS.	EP	AT	JW	JF	TR
1	8-28-02	U	ADDED SCHEDULE PROVIDER, ELATED TO ADD BACK VALVE AND REVISED TO COMPLY WITH DUCTILE IRON PIPE PER AWWA C210-D.	EP	AT	JW	JF	TR
NO.	DATE	TYPE	DESCRIPTION	BY	CHKD	APP	REV	APP

		FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE	
		LANL ENGINEERING MANUAL	
SPRINKLER SYSTEM RISER DETAIL DELUGE		DESIGN CHECKED DATE: 8-28-02	APPROVED APPROVED DATE: 8-28-02
SUBMITTED FOR RELEASE		APPROVED FOR RELEASE	
DRAWING NO: AEA 5000		SIGNATURE MANAGER: TOM OREN	
		5 OF 8	
CHAPTER 2		ST-D4010-1	

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