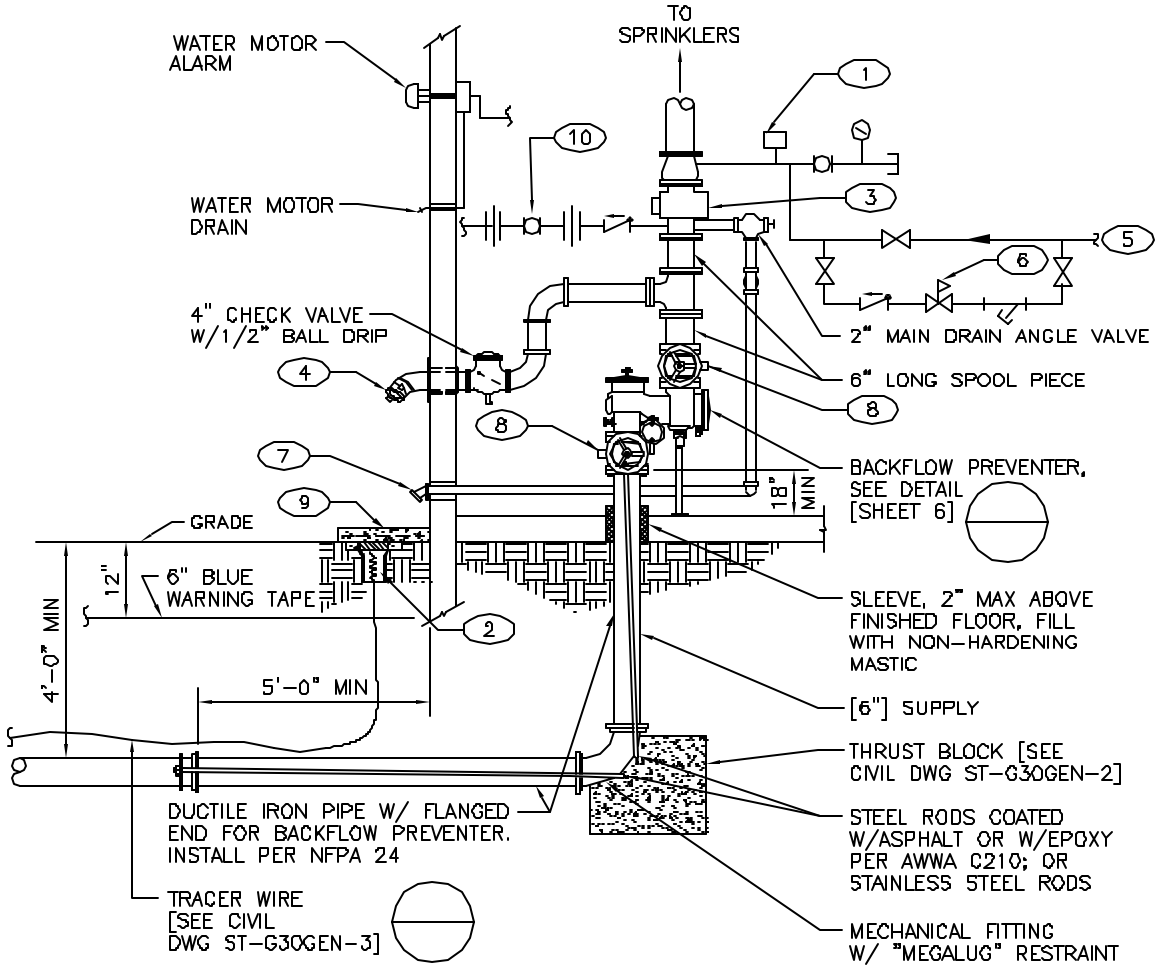

SPRINKLER SYSTEM RISER DETAIL

SCALE: NONE

KEYED NOTES:

1. LOW NITROGEN PRESSURE ALARM SWITCH
2. TRACER WIRE TEST STATION (NOT UNDER SPLASH BLOCK).
3. PREACTION VALVE WITH COMPLETE UL LISTED TRIM PER SPECIFICATION.
4. FIRE DEPARTMENT CONNECTION.
5. TO NITROGEN SUPPLY (GFE).
6. NITROGEN PRESSURE MAINTENANCE DEVICE/REGULATOR.
7. 2" MAIN DRAIN WITH 45° ELBOW TURN DOWN.
8. TAMPER SWITCH.
9. CONCRETE 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).

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

1. SEE SHEET 6.

NO	DATE	CLASS REV	DESCRIPTION	DRN	DSN	CHKD	SUB	APP
2	9-8-04	II	REVISED TEXT OF DUCTILE IRON PIPE AND NEW DWG FOR MECHANICAL FITTING WITH "MEGALUG" RESTRAINT.	RP	AT	JW	JW	TG
1	8-30-01	II	ADDED BACKFLOW PREVENTER, DELETED TRIPPLE CHECK VALVE, AND REVISED TO COMPLY WITH RW/FWO MANUAL DWG. NO. WS 10010.	RP	AT	JW	JW	TG

FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE

LANL ENGINEERING MANUAL

SPRINKLER SYSTEM RISER DETAIL PREACTION

DRAWN R.PEARSON
DESIGN A.TRUJILLO
CHECKED J.WOOD
DATE 8-26-99

BLDG. X TA-X

SUBMITTED DISCIPLINE FOCE JULIA VIGIO
APPROVED FOR RELEASE SENIOR MANAGER, TERRI CRUCH

Los Alamos National Laboratory, P.O. BOX 1663, Los Alamos, New Mexico 87545

SHEET 3 OF 6

CLASSIFICATION U REVIEWER TERRI CRUCH DATE

PROJECT ID CHAPTER 2 DRAWING NO ST-4010-1 REV 2