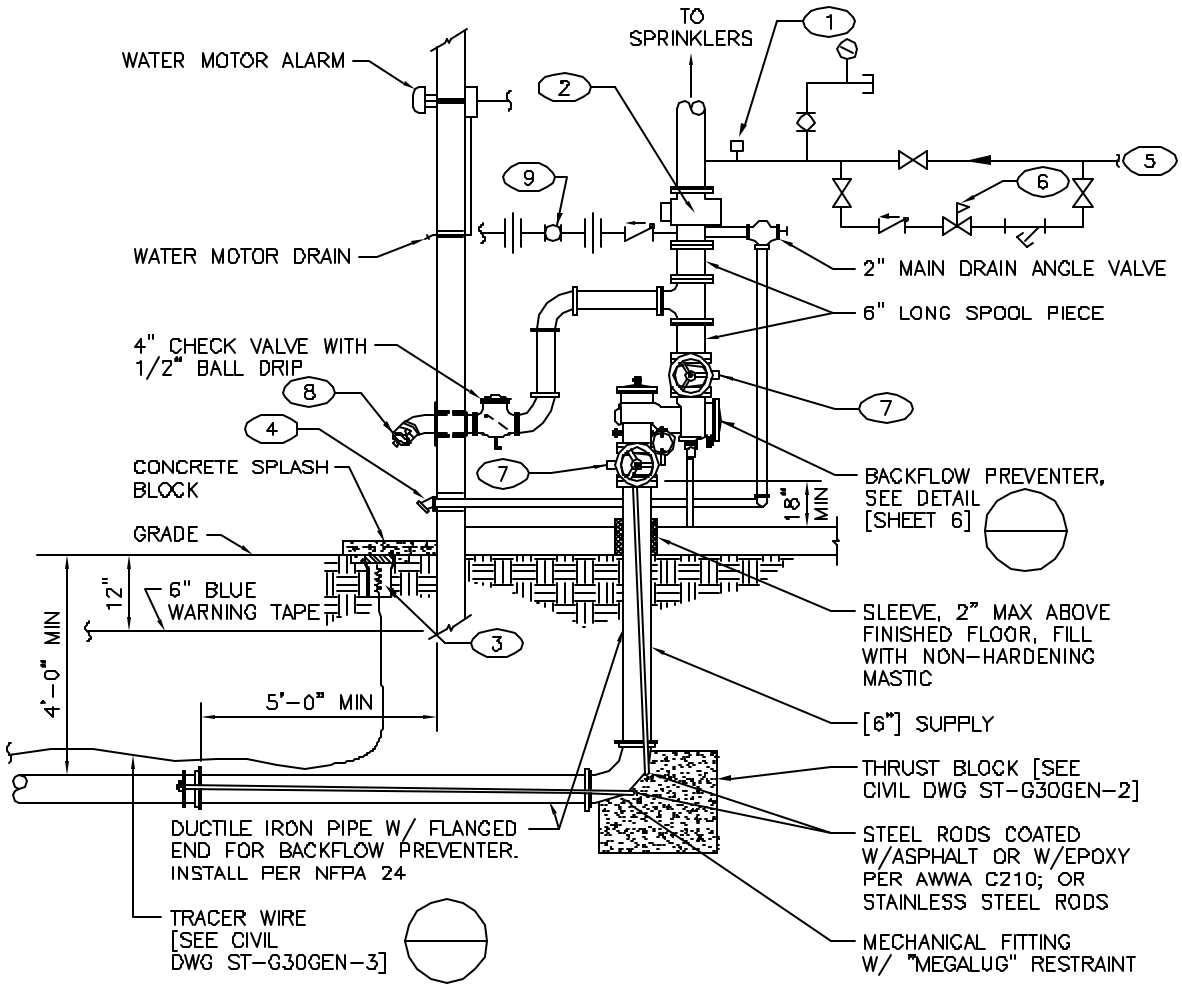

SPRINKLER SYSTEM RISER DETAIL

SCALE: NONE

KEYED NOTES:

1. LOW NITROGEN PRESSURE ALARM SWITCH.
2. DRY PIPE VALVE WITH COMPLETE UL LISTED TRIM PER SPECIFICATION.
3. TRACER WIRE TEST STATION (NOT UNDER SPLASH BLOCK).
4. 2" MAIN DRAIN WITH 45° ELBOW TURN DOWN.
5. TO NITROGEN SUPPLY (GFE).
6. NITROGEN PRESSURE MAINTENANCE DEVICE/REGULATOR.
7. TAMPER SWITCH.
8. FIRE DEPARTMENT CONNECTION.
9. ALARM SHUT-OFF 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	BLADE REV	DESCRIPTION	DWN	CKD	CHKD	SUB	APP
2	9-8-04	2	REVISED TEXT OF DUCTILE IRON PIPE AND NOW TEXT FOR MECHANICAL FITTING WITH "MEGALUG" RESTRAINT.	RP	AT	JV	JW	TO
1	9-26-02	1	ADDED BACKFLOW PREVENTER, DELETED TOSABLE GATE VALVE, AND REVISED TO COMPLY WITH DRAWING MANUAL ENG. NO. WM 3030.IL	RP	AT	JV	JW	TO

FACILITY & WASTE OPERATIONS
SYSTEMS ENGINEERING & MAINTENANCE

LANL ENGINEERING MANUAL

SPRINKLER SYSTEM RISER DETAIL
DRY PIPE

BLDG. X TA-X

DRAWN R.PEARSON
DESIGN A.TRUJILLO
CHECKED J.WOOD
DATE 9-26-02

SUBMITTED: DISCIPLINE POC: JULIA WOOD
APPROVED FOR RELEASE: STANDARDS MANAGER: TOBIN CRUCH

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

SHEET 4 OF 6

CLASSIFICATION U | REVIEWER TOBIN CRUCH | DATE

PROJECT ID: CHAPTER 2
DRAWING NO: ST-D4010-1
REV: 2