

**DARLINGTON  
SCHOOLHOUSE**

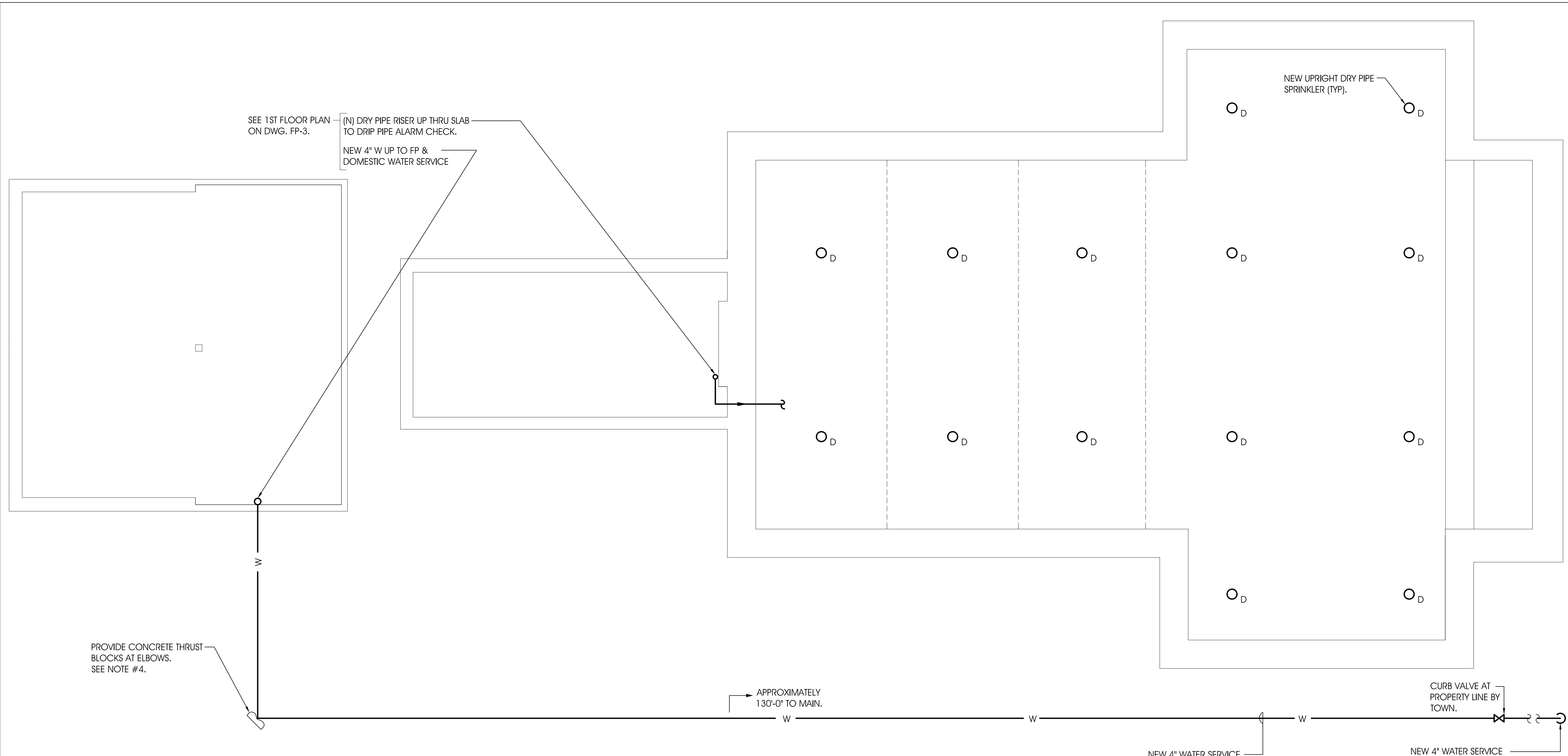
For the  
New York-New Jersey Trail Conference  
156 Ramapo Valley Road, Mahwah, NJ 07430

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**TRENCH IN EARTH**

**TRENCH IN ROCK**

**CRADLE**  
(IN ROCK OR EARTH)

PIPE "DIA" "D"	MAXIMUM "A"
6" TO 15"	8"
18" TO 21"	10"

MAXIMUM TRENCH WIDTH "W" TAKEN AT TOP OF PIPE.  
 LOW CRADLE = 16% OF EARTH TRENCH BEARING VALUE  
 HIGH CRADLE = 200% OF EARTH TRENCH BEARING VALUE

STANDARD PIPE TRENCH BEDDING

NOTES:  
 1. SET PIPE IN 6" SAND BED.  
 2. BACKFILL WITH SAND TO 1'-0" ABOVE PIPE.

**CRAWL SPACE PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
- ALL WORK SHOWN IS NEW
  - GENERAL CONTRACTOR TO PROVIDE EXCAVATION AND BACKFILL FOR INSTALLATION OF NEW PIPING BY THIS CONTRACTOR. THIS CONTRACTOR TO PROVIDE A 6" SAND BED AND 12" SAND COVER. INSTALLING PIPING 36" BELOW GRADE.
  - PIPING TO MEET ALL LOCAL REQUIREMENTS. BASE BID ON CEMENT LINED CAST IRON PIPING WITH MECHANICAL JOINTS.
  - INSTALL THRUST BLOCK PER SOIL CONDITIONS & UTILITY REQUIREMENTS.

ALL WORK ON THIS DRAWING IS IN AN ALTERNATE BID AND IS NOT IN BASE BID.

DATE	JUNE 14, 2010
DRAWN BY	VP
CHECKED BY	RHB
JOB NO.	ARBPE 3052
FIRE PROTECTION: CRAWL SPACE PLAN	FP-2