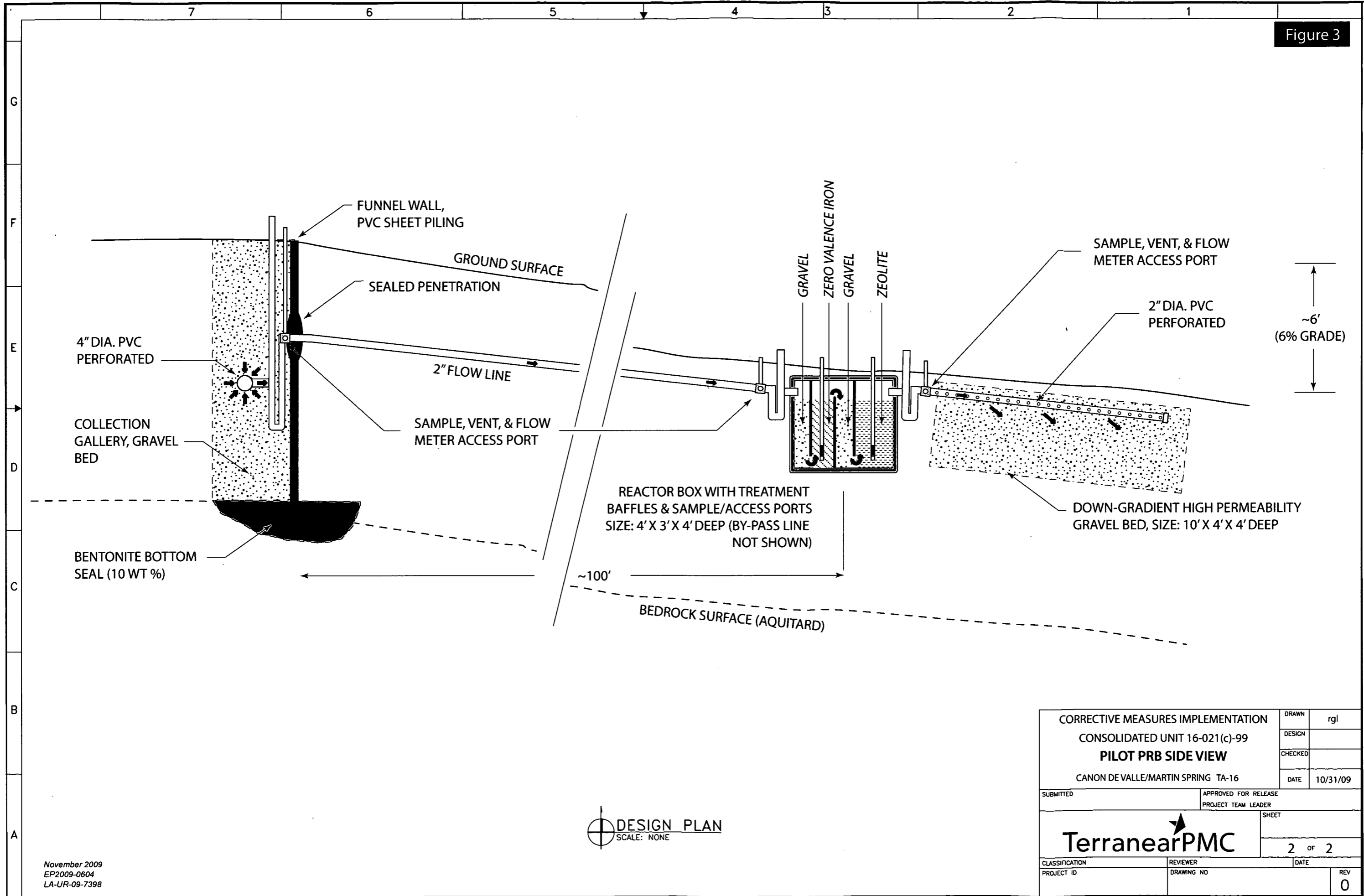


Figure 3

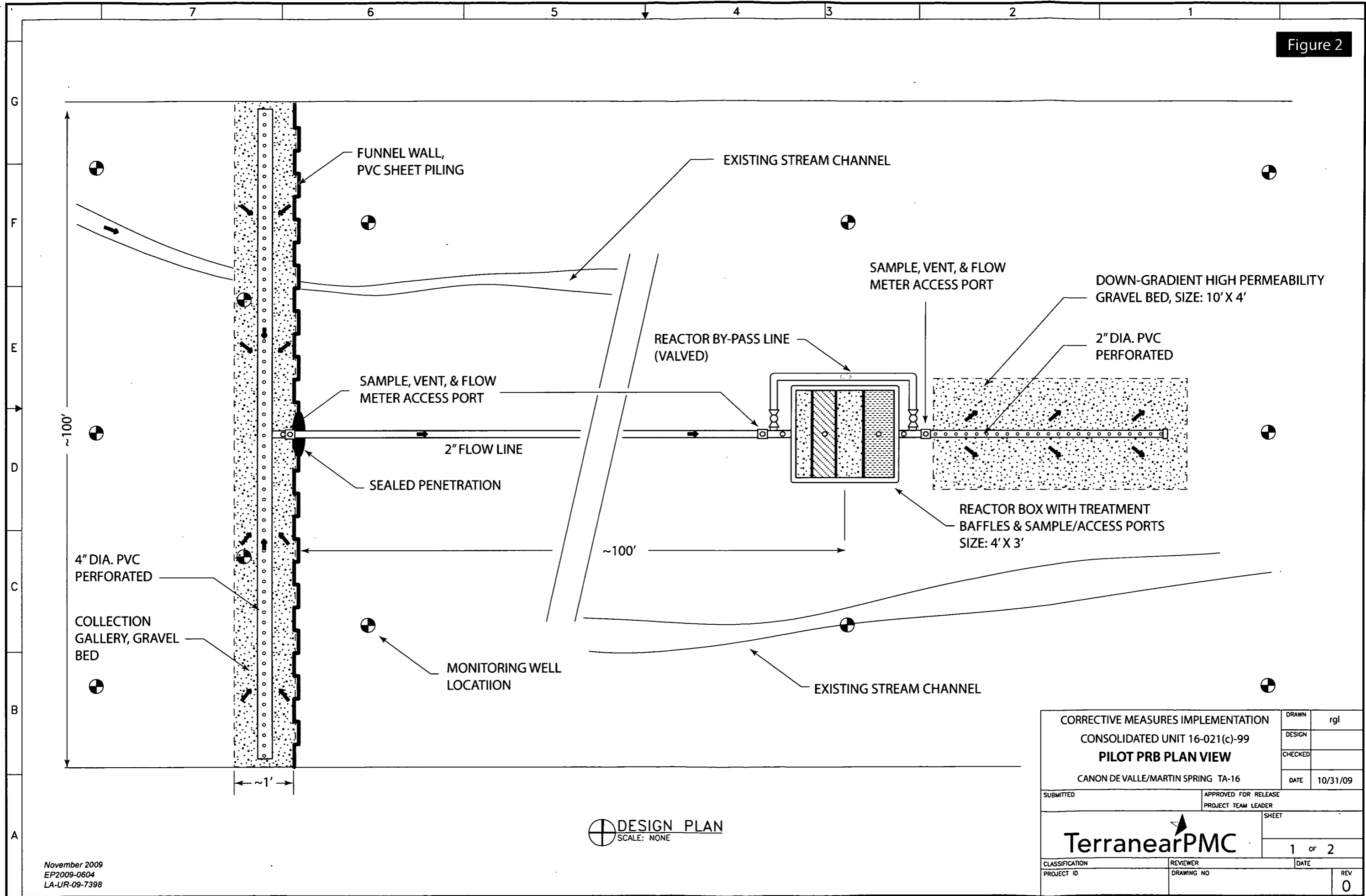


DESIGN PLAN
SCALE: NONE

November 2009
EP2009-0604
LA-UR-09-7398

CORRECTIVE MEASURES IMPLEMENTATION		DRAWN	rgl
CONSOLIDATED UNIT 16-021(c)-99		DESIGN	
PILOT PRB SIDE VIEW		CHECKED	
CANON DE VALLE/MARTIN SPRING TA-16		DATE	10/31/09
SUBMITTED	APPROVED FOR RELEASE		
	PROJECT TEAM LEADER		
TerranearPMC		SHEET	
		2 OF 2	
CLASSIFICATION	REVIEWER	DATE	
PROJECT ID	DRAWING NO	REV	
		0	

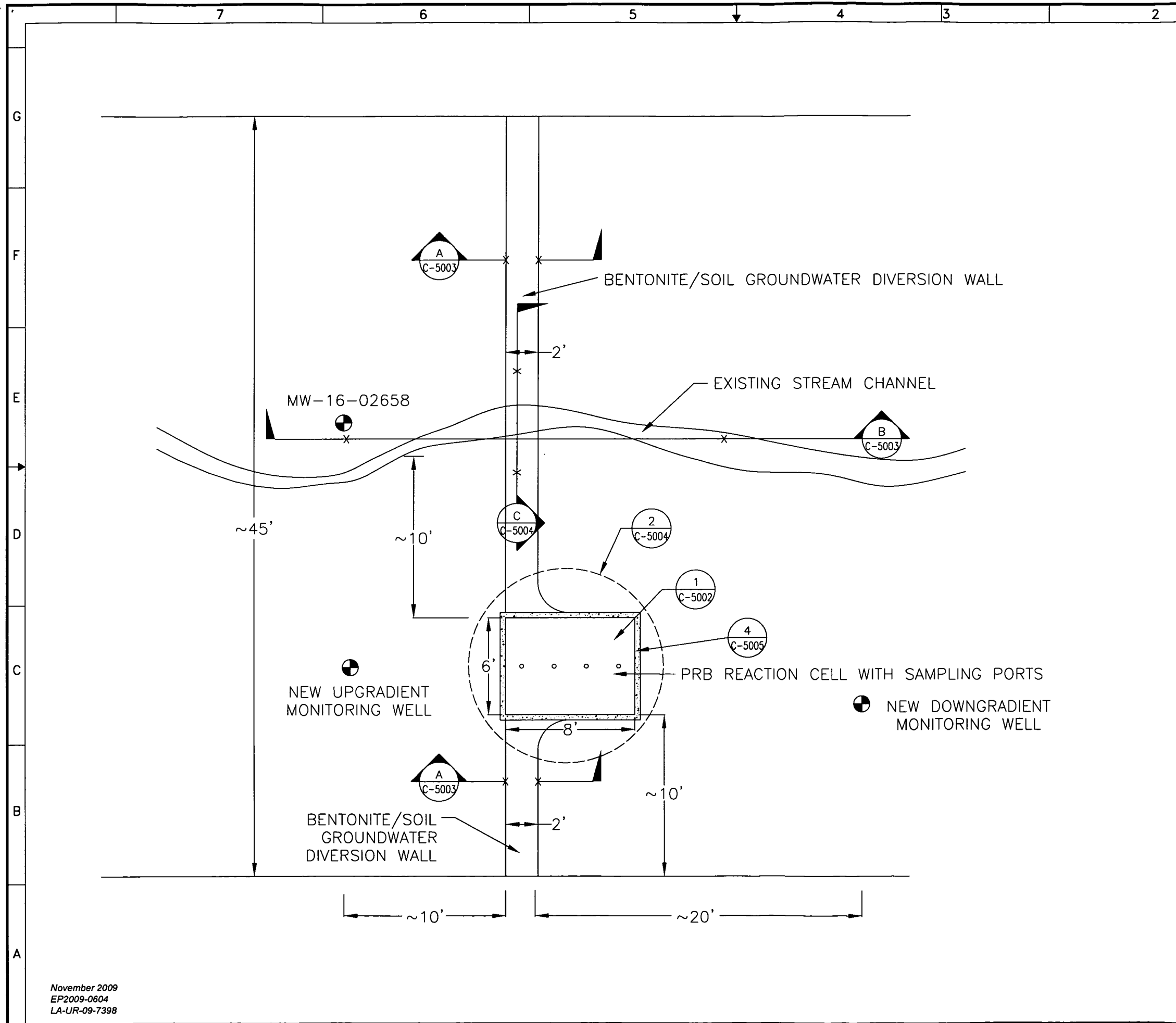
Figure 2



November 2009
 EP2009-0604
 LA-UR-09-7398

DESIGN PLAN
 SCALE: NONE

CORRECTIVE MEASURES IMPLEMENTATION		DRAWN	rgl
CONSOLIDATED UNIT 16-021(c)-99		DESIGN	
PILOT PRB PLAN VIEW		CHECKED	
CANON DE VALLE/MARTIN SPRING TA-16		DATE	10/31/09
SUBMITTED	APPROVED FOR RELEASE		
	PROJECT TEAM LEADER		
TerranearPMC		SHEET	1 OF 2
CLASSIFICATION	REVIEWER	DATE	
PROJECT ID	DRAWING NO		REV 0



GENERAL NOTES

Figure 1

1. ALL APPROXIMATE MEASUREMENTS TO BE VERIFIED IN THE FIELD.
2. PRB REACTION CELL TO BE OFFSET FROM STREAM CHANNEL.
3. DIVERT STREAM AROUND CONSTRUCTION AREA DURING CONSTRUCTION.
4. CONSTRUCTION CONTRACTOR WILL EXCAVATE THREE TEST PITS, TWO ALONG THE ROUTE OF THE DIVERSION WALL AND ONE IN THE LOCATION OF THE REACTION CELL TO VERIFY DEPTH OF TUFF, ASSESS DEWATERING REQUIREMENTS, AND COLLECT SOIL SAMPLES.
5. CONSTRUCTION CONTRACTOR WILL CONDUCT A LOCAL TOPOGRAPHIC SURVEY OF THE INSTALLATION AREA AND PREPARE AN EXCAVATION PLAN WHICH INCORPORATES THE TOPOGRAPHICAL SURVEY, TEST PIT RESULTS, STREAM DIVERSION, AND DEWATERING, IF NECESSARY.
6. A THIRD DOWNGRADIENT MONITORING WELL (NOT SHOWN) WILL BE INSTALLED APPROXIMATELY 200 FEET DOWNGRADIENT.
7. INSTALL 6" WIDE X 4" THICK CONCRETE PAD AROUND PRB REACTION CELL.



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NO	DATE	CLASS REV	ADC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
SHAW ENVIRONMENTAL AND INFRASTRUCTURE, INC.									
CORRECTIVE MEASURES IMPLEMENTATION CONSOLIDATED UNIT 16-021(c)-99 PILOT PRB PLAN VIEW									
SUBMITTED: JOHN PIETZ APPROVED FOR RELEASE: PROJECT TEAM LEADER								DRAWN: E. CARPIO DESIGN: J. PIETZ CHECKED: C. GIVENS DATE: 04/27/07	
CANON DE VALLE/MARTIN SPRING CANYON TA-16									
Los Alamos National Laboratory PO Box 1663 Los Alamos, New Mexico 87545								SHEET C-4001 10 OF 18	
CLASSIFICATION		CLASSIFICATION		REVIEWER		REVIEWER		DATE	
PROJECT ID		5409		DRAWING NO		5409-C-4001-R0		REV	
								0	