

EPA Region 5 Records Ctr.

299577

April 26, 2006

Mr. Matthew Ohl United States Environmental Protection Agency 77 West Jackson Boulevard HSRW-6J Chicago, IL 60604-3590

Re:

Drawings, Design Improvements for the Thin Barrier Curtain Wall

Enviro-Chem Superfund Site, Zionsville, Indiana

Dear Mr. Ohl:

ENVIRON International Corporation (ENVIRON), on behalf of the Enviro-Chem Trustees, is resubmitting the drawing attached to ENVIRON's letter dated April 24, 2006. The drawings attached to the April 24, 2006 letter were incorrectly labeled as Drawing 1, Drawing 2, and Drawing 3. The attached drawings (Drawing C-1, Drawing C-2, and Drawing C-4) will replace these drawings and the drawings in the Design Report with the corresponding drawing numbers.

Please confirm that the changes are acceptable. If you have any questions regarding the requested changes, please do not hesitate to call me.

Sincerely,

ENVIRON International Corporation

Scott Wayter, P.

Enclosure

cc: Thomas Krueger, Esq. – USEPA

Bruce Hamilton – IDEM Kevin Johnson – IDEM

Timothy Harrison - CH2M HILL Philip Smith - CH2M HILL

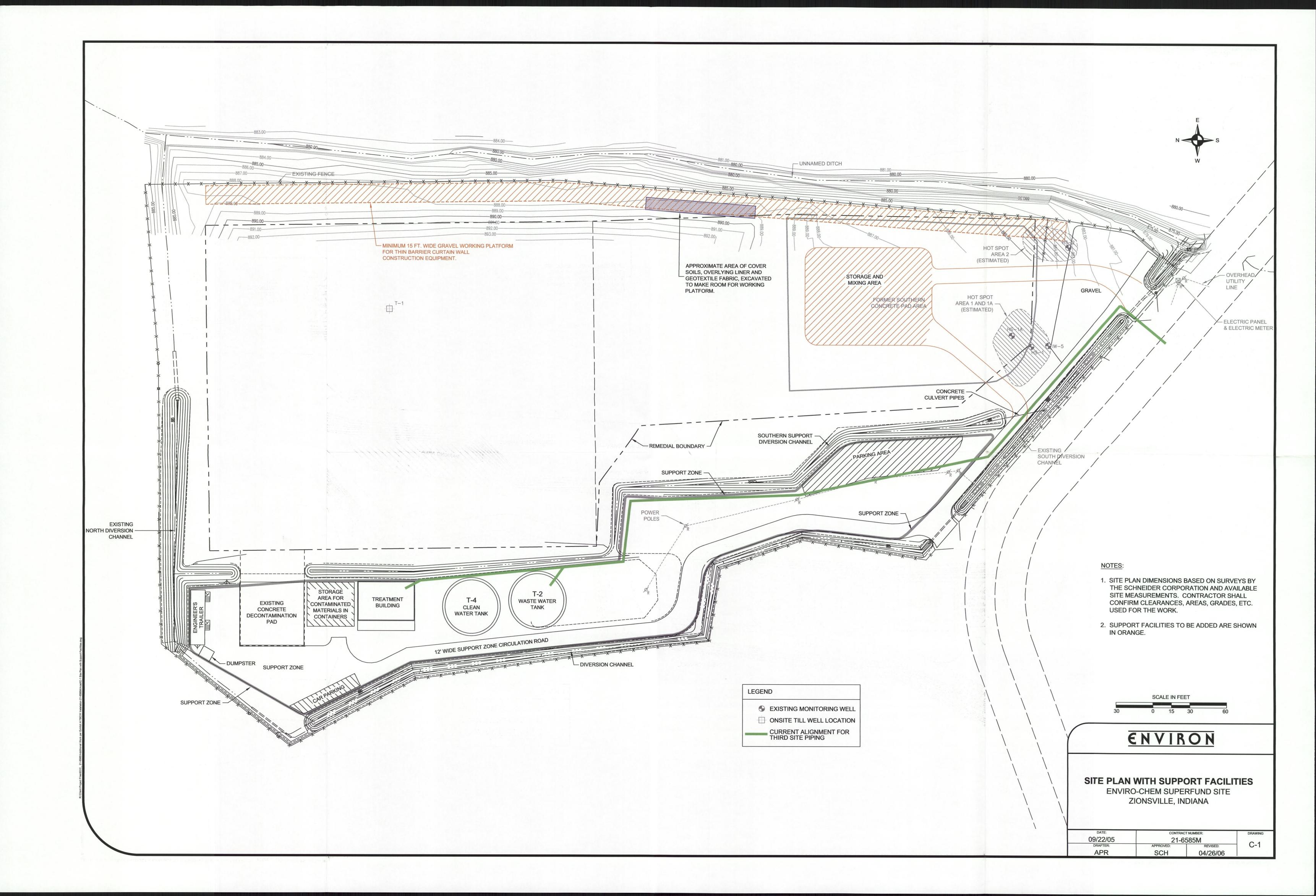
Norman W. Bernstein – Trustee

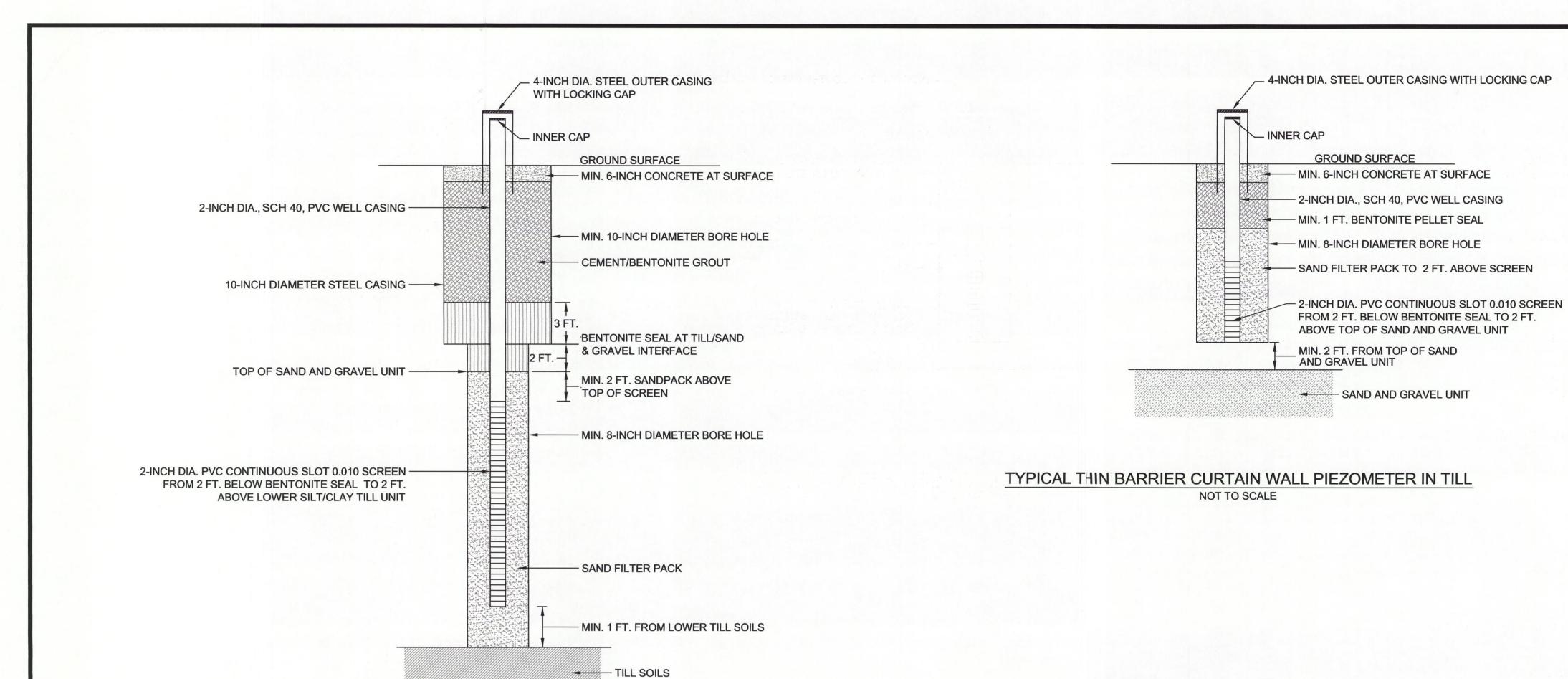
Roy Ball - Trustee

Dana Wesolek - Slurry Systems

Raymond Kassab - Handex

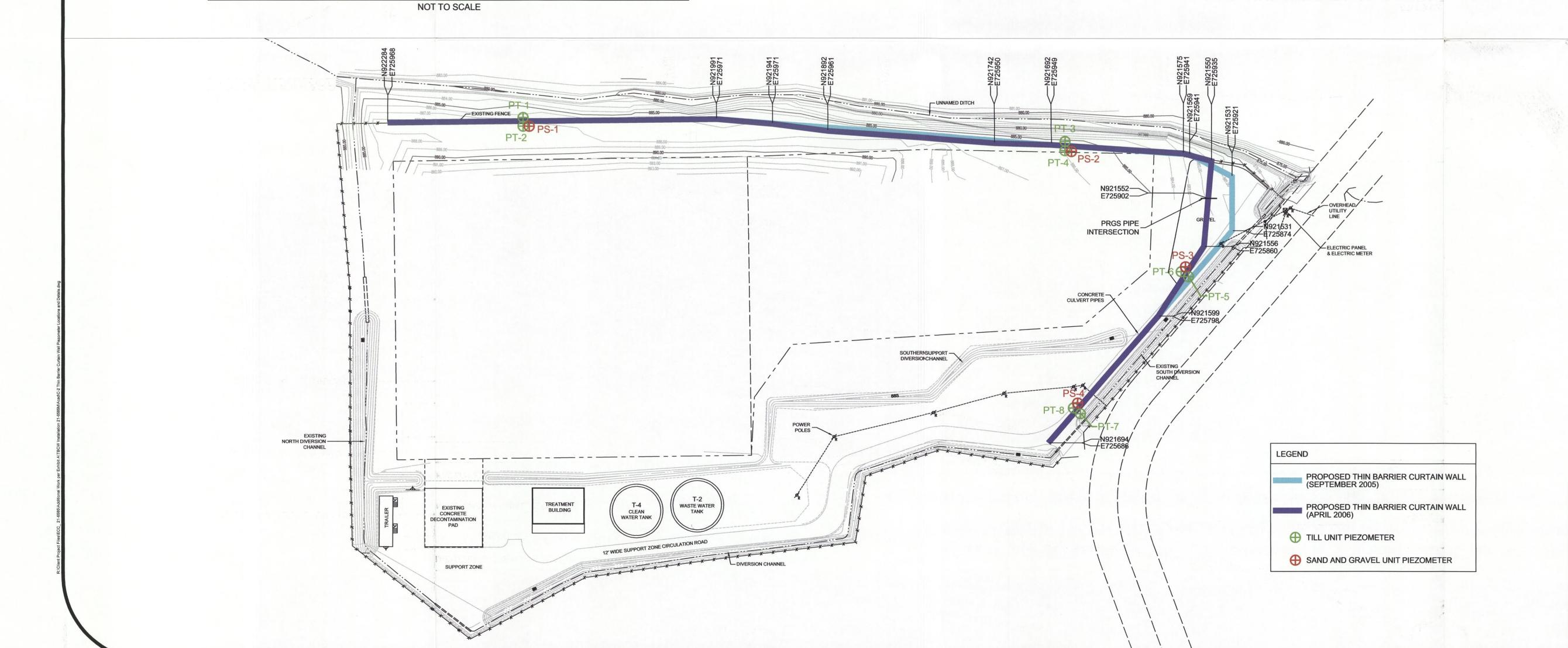
¹ Design Report for the Installation of the Thin Barrier Curtain Wall and the Till Water Pump Testing, ENVIRON International Corporation. September 22, 2005.





TYPICAL THIN BARRIER CURTAIN WALL PIEZOMETER IN SAND AND GRAVEL

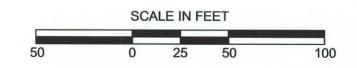
PIEZOMETER DEPTHS AND SCREEN LENGTHS					
PIEZOMETER	UNIT	TOTAL DEPTH	SCREEN LENGTH		
PT-1	TILL	14	5		
PT-2	TILL	14	5		
PT-3	TILL	12	2		
PT-4	TILL	12	2		
PT-5	TILL	23	8		
PT-6	TILL	23	8		
PT-7	TILL	TO BE DETERMINED	TO BE DETERMINED		
PT-8	TILL	TO BE DETERMINED	TO BE DETERMINED		
PS-1	SAND & GRAVEL	32	15		
PS-2	SAND & GRAVEL	19	5		
PS-3	SAND & GRAVEL	34	6		
PS-4	SAND & GRAVEL	TO BE DETERMINED	TO BE DETERMINED		
	PIEZOMETER PT-1 PT-2 PT-3 PT-4 PT-5 PT-6 PT-7 PT-8 PS-1 PS-2 PS-3	PIEZOMETER UNIT PT-1 TILL PT-2 TILL PT-3 TILL PT-4 TILL PT-5 TILL PT-6 TILL PT-7 TILL PT-8 TILL PS-1 SAND & GRAVEL PS-2 SAND & GRAVEL PS-3 SAND & GRAVEL	PIEZOMETER UNIT TOTAL DEPTH PT-1 TILL 14 PT-2 TILL 14 PT-3 TILL 12 PT-4 TILL 12 PT-5 TILL 23 PT-6 TILL 23 PT-7 TILL TO BE DETERMINED PT-8 TILL TO BE DETERMINED PS-1 SAND & GRAVEL 32 PS-2 SAND & GRAVEL 19 PS-3 SAND & GRAVEL 34		





NOTES:

- SITE PLAN DIMENSIONS BASED ON SURVEYS BY THE SCHNEIDER CORPORATION AND AVAILABLE SITE MEASUREMENTS. CONTRACTOR SHALL CONFIRM CLEARANCES, AREAS, GRADES, ECT. USED FOR THE WORK.
- 2. TOTAL DEPTHS AND SCREEN LENGTHS FOR PIEZOMETERS PT-7, PT-8, AND PS-4 WILL BE DETERMINED DURING INSTALLATION OF PIEZOMETER PS-4.
- 3. IF SOIL BORING PENETRATES BASE OF UPPER TILL UNIT DURING INSTALLATION OF TILL PIEZOMETER, THEN BOREHOLE WILL BE ABANDONED AND PIEZOMETER WILL BE REINSTALLED AT A LOCATION 5 FEET FROM ORIGINAL BOREHOLE.

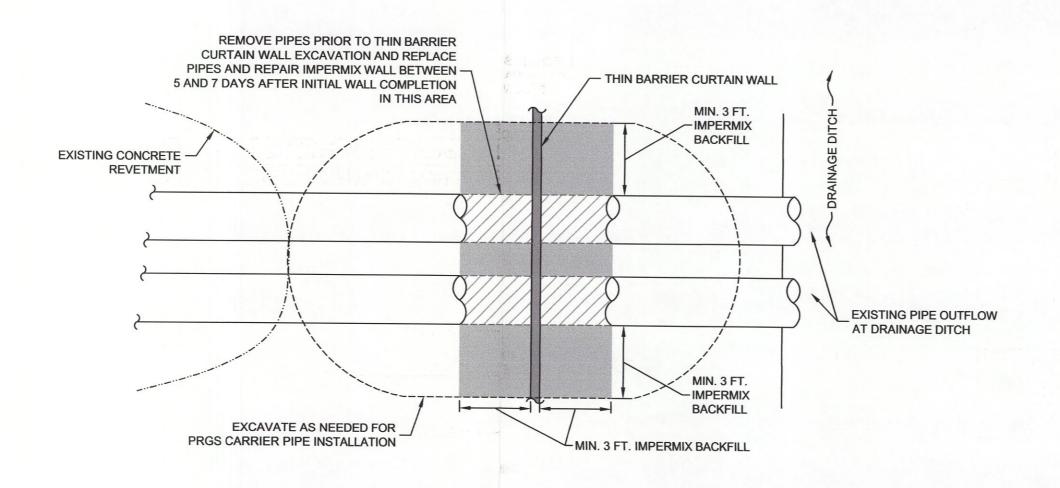


ENVIRON

THIN BARRIER CURTAIN WALL AND PIEZOMETER LOCATIONS AND DETAILS

ENVIRO-CHEM SUPERFUND SITE ZIONSVILLE, INDIANA

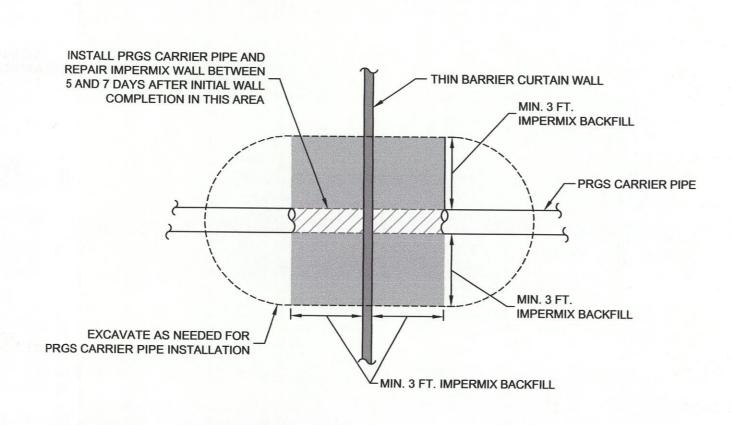
DATE:	CONTRACT NUMBER:		DRAWING
09/22/05	21-6585M		0.0
DRAFTER:	APPROVED:	REVISED:	C-2
APR	SCH	04/26/06	



THIN BARRIER CURTAIN WALL AT DIVERSION CHANNEL CULVERT

CROSSING - APPROXIMATE - PLAN VIEW

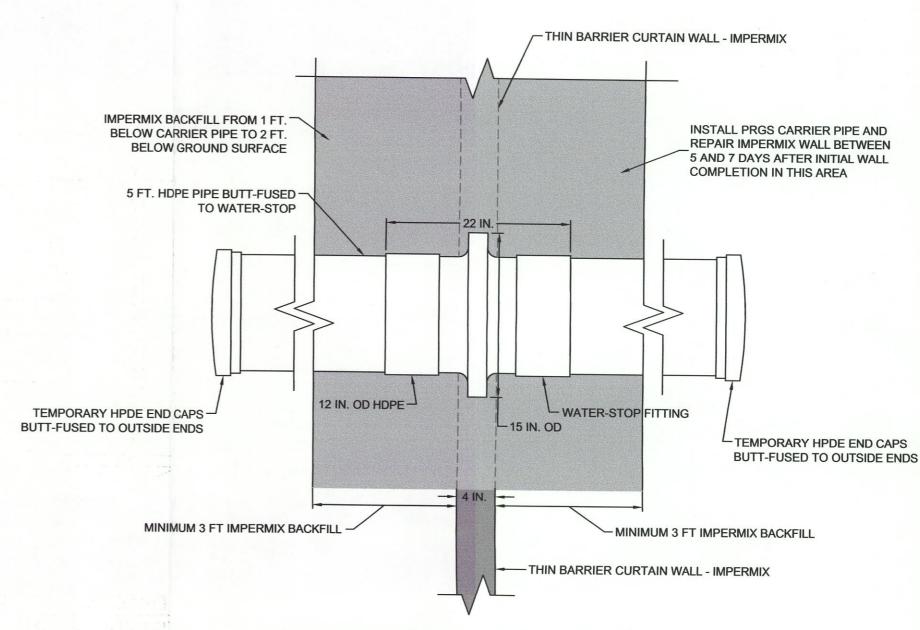
NOT TO SCALE



THIN BARRIER CURTAIN WALL AT PRGS PIPE CROSSING

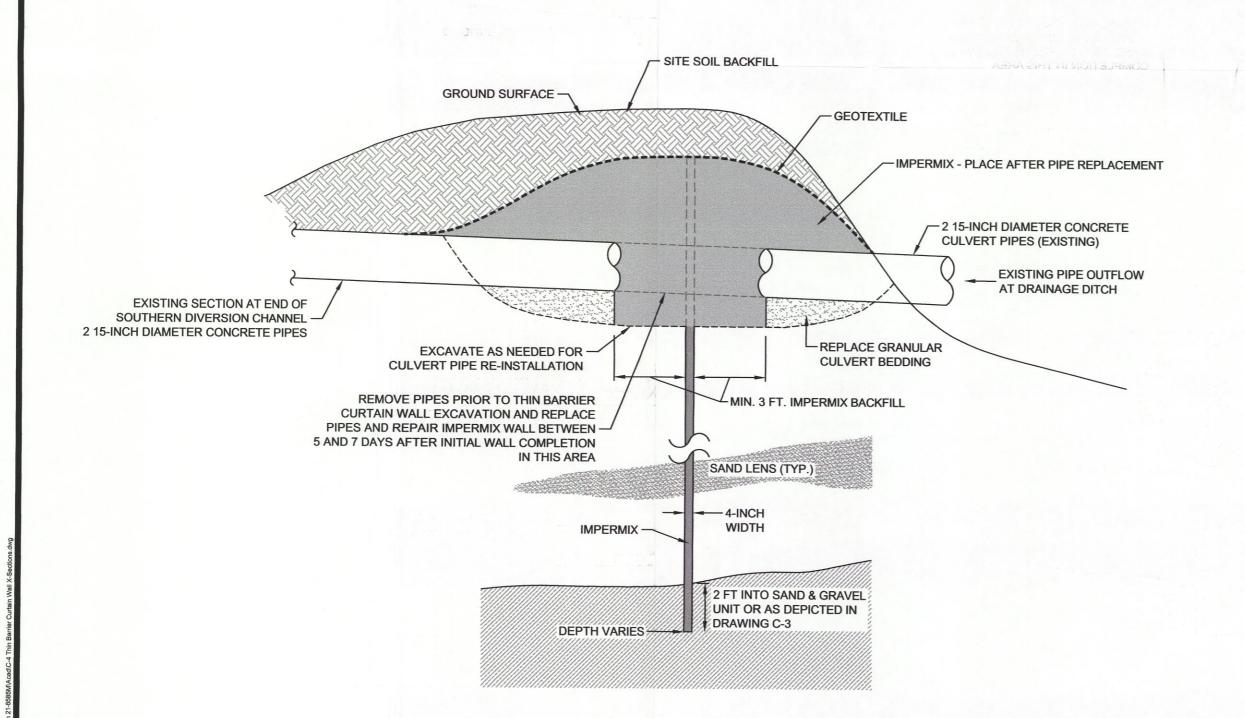
APPROXIMATE - PLAN VIEW

NOT TO SCALE

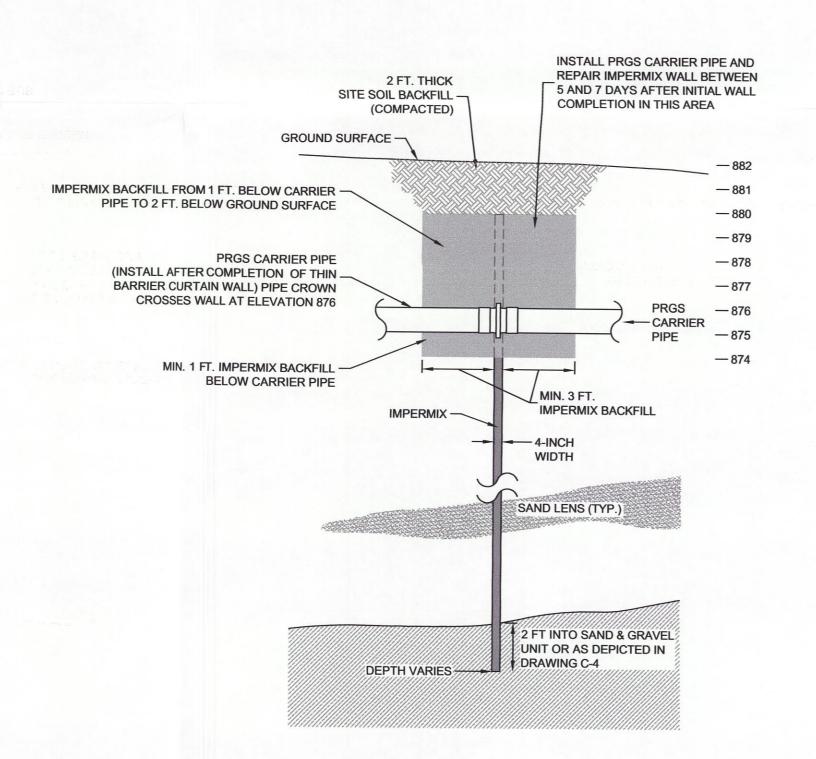


PRGS CARRIER PIPE VIEW
NOT TO SCALE

A SITE SOIL BAUTGILL



THIN BARRIER CURTAIN WALL SECTION AT DIVERSION CHANNEL
CULVERT CROSSING - APPROXIMATE - MAY BE FIELD AJUSTED
NOT TO SCALE



THIN BARRIER CURTAIN WALL SECTION AT PRGS PIPE CROSSING
NOT TO SCALE

ENVIRON

THIN BARRIER CURTAIN WALL
CROSS SECTIONS
ENVIRO-CHEM SUPERFUND SITE

ZIONSVILLE, INDIANA

 DATE:
 CONTRACT NUMBER:
 DRAWING

 09/22/05
 21-6585K
 C-4

 DRAFTER:
 APPROVED:
 REVISED:
 C-4

 APR
 SCH
 04/26/06