

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Crawford

Location listed as:

Section-Township-Range: 19-30-(35E)

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____

Location changed to:

19-30-25E

SW SE NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Site location in Pittsburg, County map

initials: DLA date: 7/30/07

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.



**RECORD OF SUBSURFACE
INVESTIGATION**

BORING IDENTIFICATION: SB-017
PAGE 1 OF 1

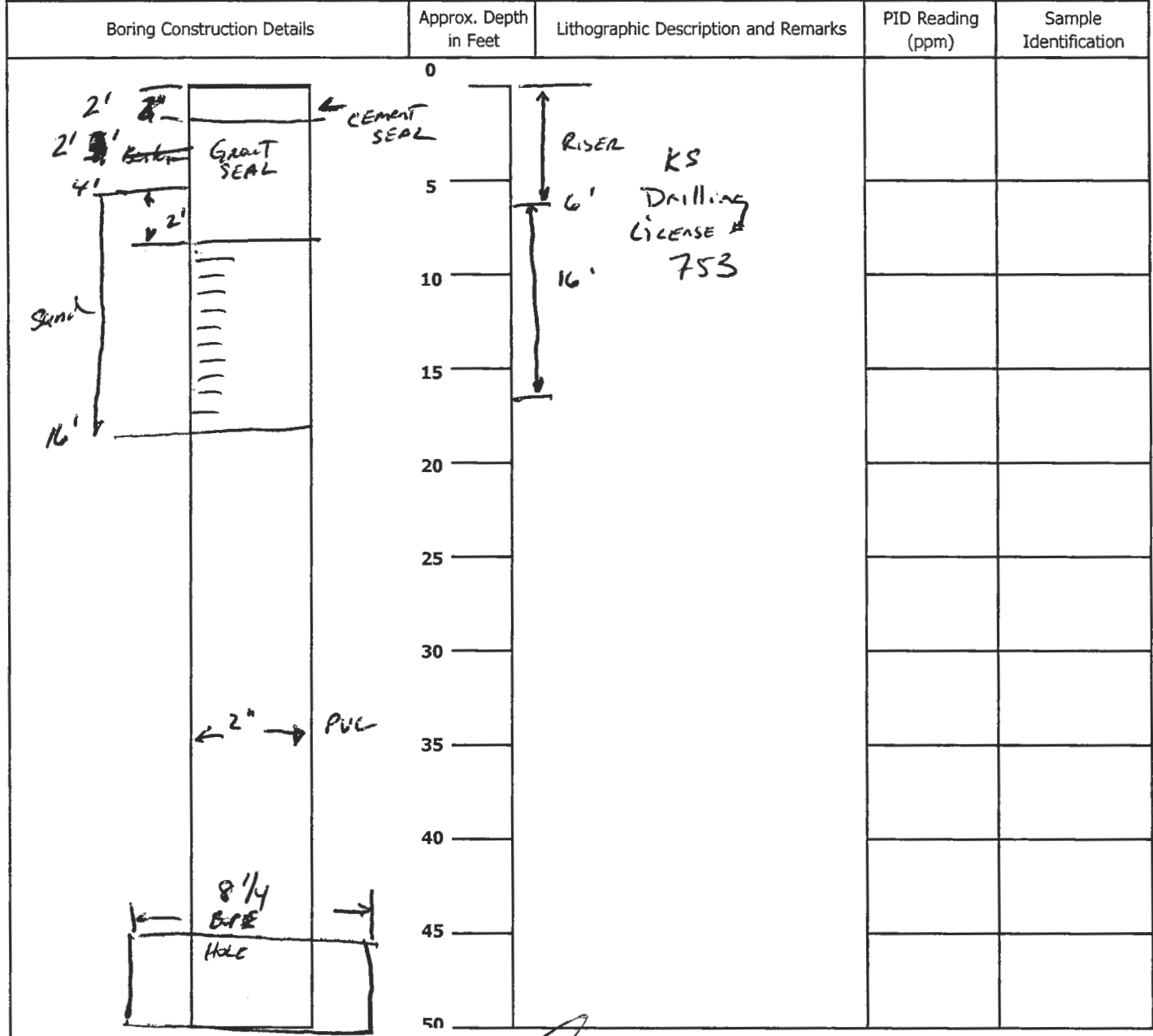
CLIENT: Metso Minerals
PROJECT NAME: Voluntary Cleanup Investigation
SITE LOCATION: Pittsburg, KS
DRILLING LOCATION:

PROJECT NUMBER: JG0073.323
DATE DRILLED: 1/04/2007
ELEVATION:
DRILLING METHOD: Geoprobe

GEOLOGIC DESCRIPTION	FT	No	REC%	TPV (ppm)	COMMENTS
Soft orange and black clay	1	0-2	55		AME S-065 @ 1'
	2				
Soft tannish brown, clay	3	2-4			
	4				
Orange and black clay	5	4-6	70		AME S-066 @ 5'
Black coal	6				
	7	6-8			
	8				
	9	8-10			AME S-067 @ 9'
	10				
<i>Black Coal 10-12'</i>	11	10-12			Refusal @ 10'
	12				
<i>Tan/gray with orange streaks clay</i>	13	12-14			
	14				
<i>Tan/gray clay</i>	15	14-16			
<i>Sand stone set well @ 16'</i>	16				
	17	16-18			
	18				

- * = Sample Submitted for Analysis
- No = Sample Number
- FT = Stratum Depth in Feet Below Grade
- ppm = Parts Per Million
- REC = Percent of Total Sample Recovered
- TPV = Total Photoionizable Vapors

ST#	SOIL BORING LOG		BORING NUMBER <i>1-8</i>
R#	OVERSEEING GEOLOGIST	DRILLER <i>XDS / Environmental work</i>	
SITE NAME <i>Former Grandby Mining</i>	DRILLING METHOD Geoprobe	SAMPLING METHOD Geoprobe macrocore	
SITE ADDRESS <i>1308 N. Walnut P. Hsburg Ks</i>	BOREHOLE DIAMETER <i>8.25"</i>	SAMPLING INTERVAL <i>Continuous</i>	
DATE OF BORING <i>6-18-07 - 6-21-07</i>	TOTAL BORING DEPTH <i>16'</i>	STATIC WATER LEVEL, <i>Approx 7'</i>	



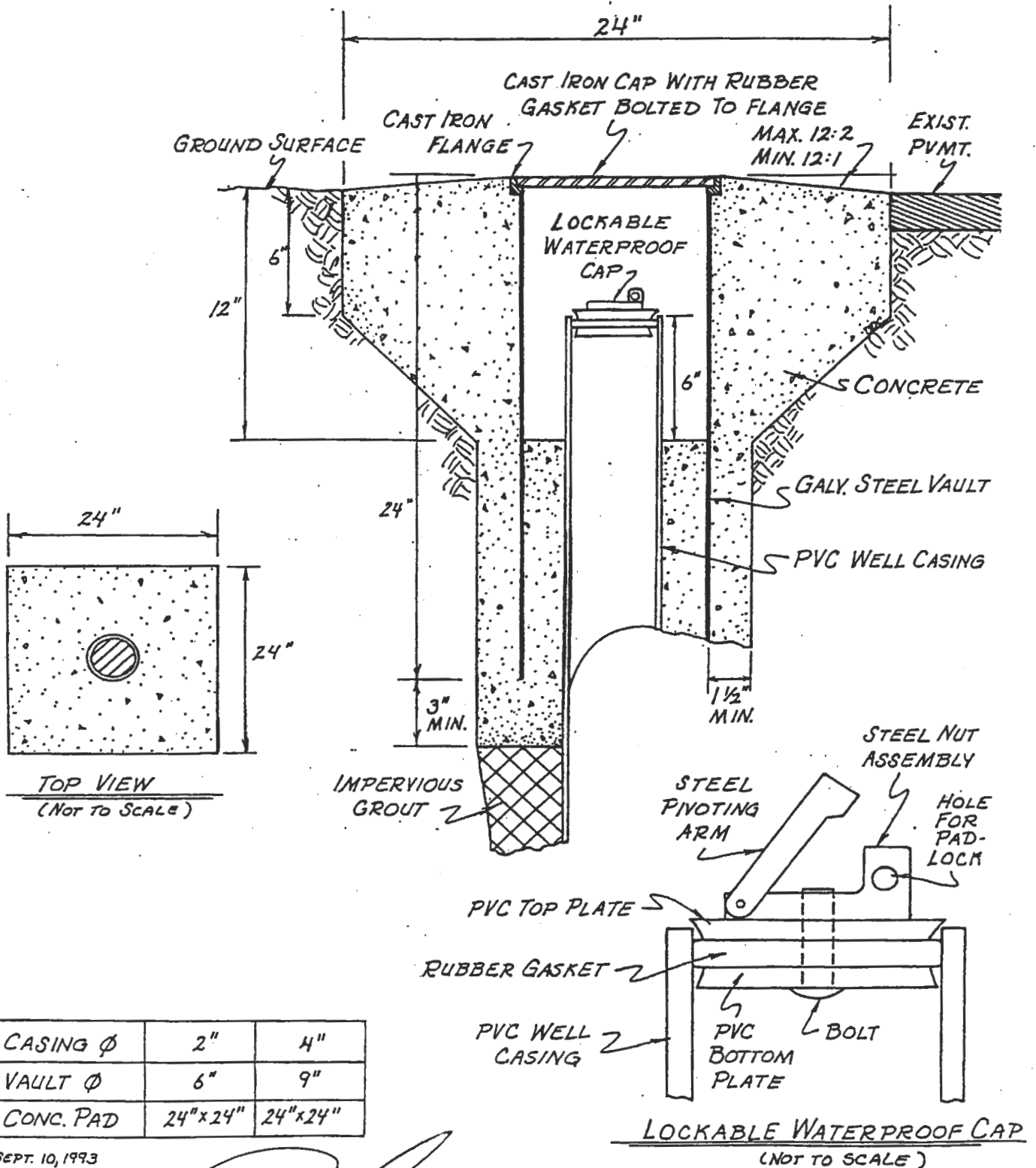
COMMENTS:

[Handwritten Signature]

-  Limestone
-  Silt
-  Sand
-  Sandstone
-  Clay
-  Soil
-  Chert
-  Sand
-  Gravel

FLUSH-MOUNT WELL CONSTRUCTION DETAIL

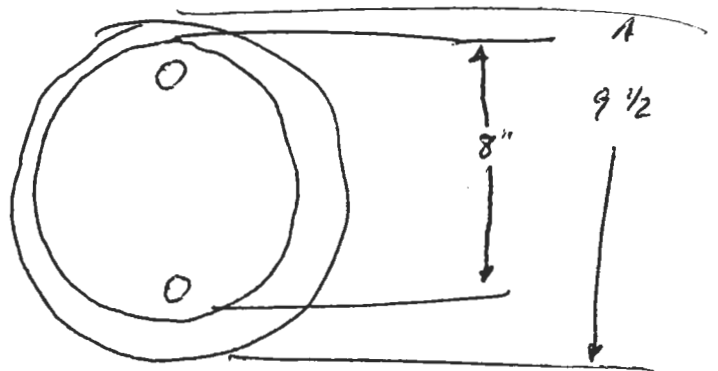
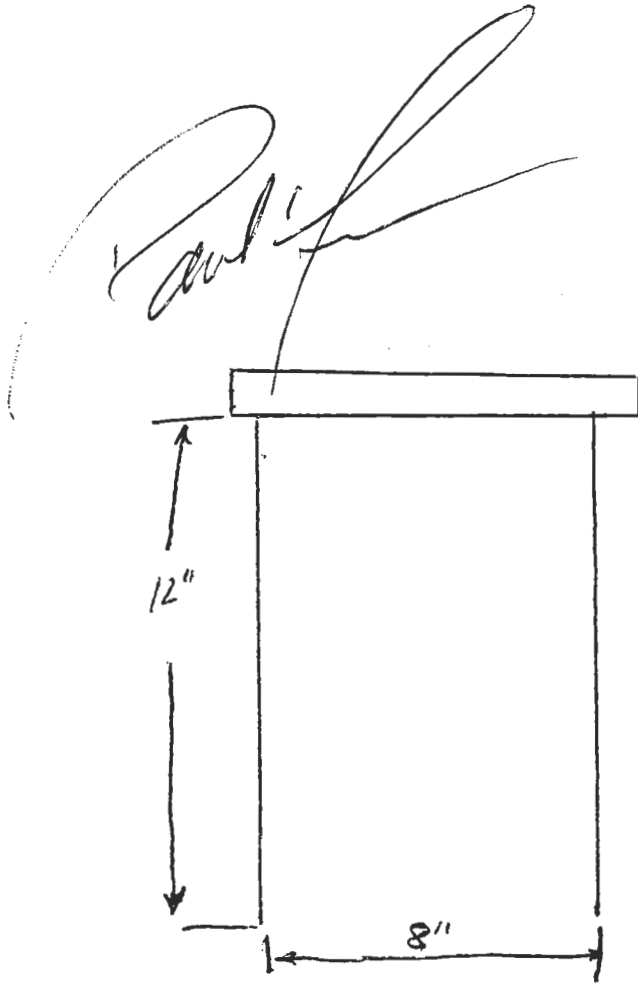
(NOT TO SCALE)

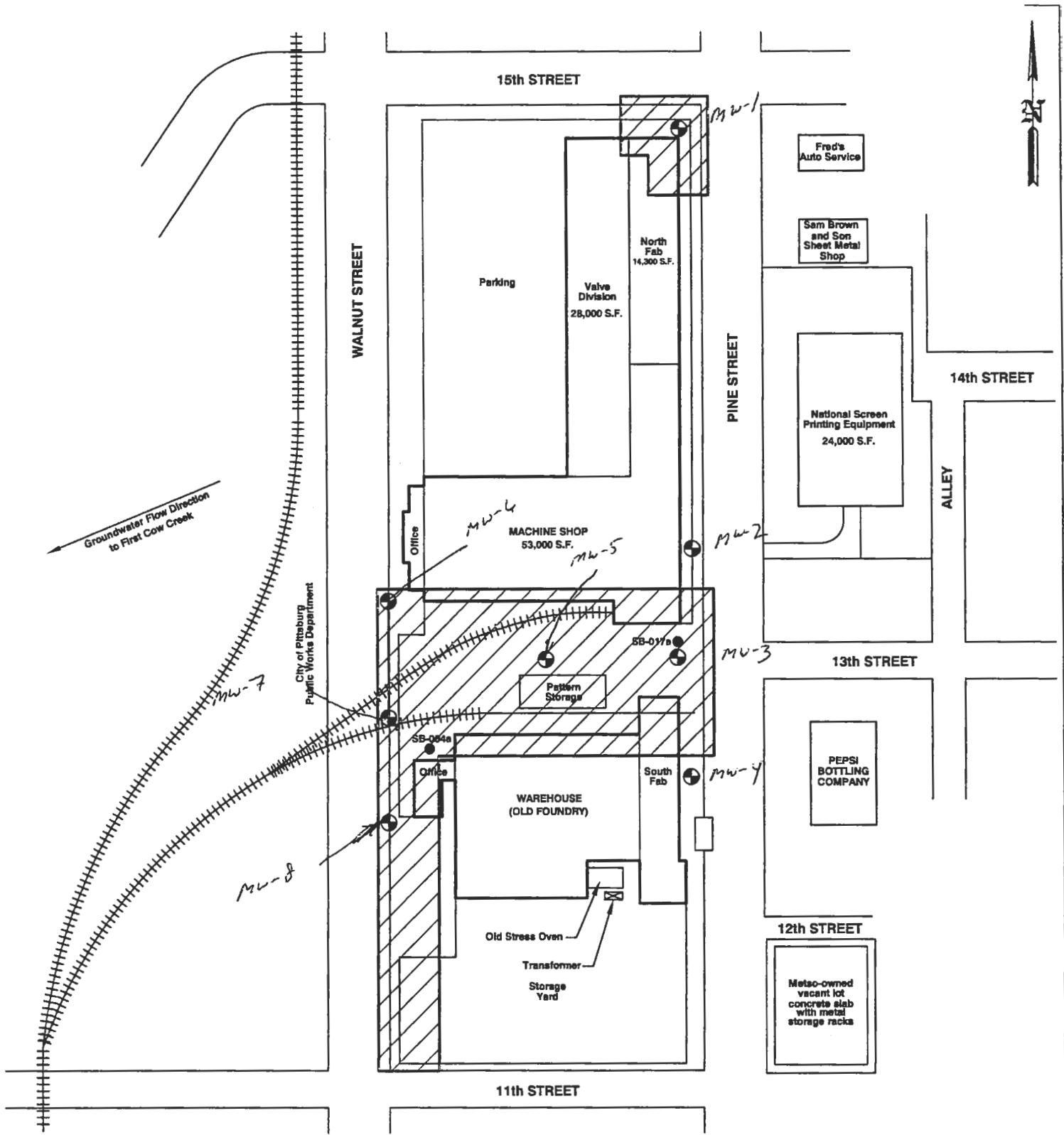





CASING Ø	2"	4"
VAULT Ø	6"	9"
CONC. PAD	24" x 24"	24" x 24"

SEPT. 10, 1993

8' x 12" Manhole with watertight gasket.
EMi (manufacturer)





LEGEND	
	PROPOSED EXTENT OF NO FURTHER ACTION DETERMINATION
	SOIL BORING LOCATIONS
	PROPOSED GROUNDWATER MONITORING WELL LOCATIONS



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LANCASTER, PA 17603 (717) 390-9587
(717) 390-5493 FAX

August Mack
ENVIRONMENTAL

METSO MINERALS INDUSTRIES, INC.
1308 N. WALNUT STREET
PITTSBURG, KANSAS

SITE PLAN 2

PROJECT No.: JG0020.333	FILENAME: X\AMEPS\PG0048.333\Site Plan2	DATE: 05/15/2007
DRAWN BY: ZWG	SCALE: AS SHOWN	FIGURE: 2