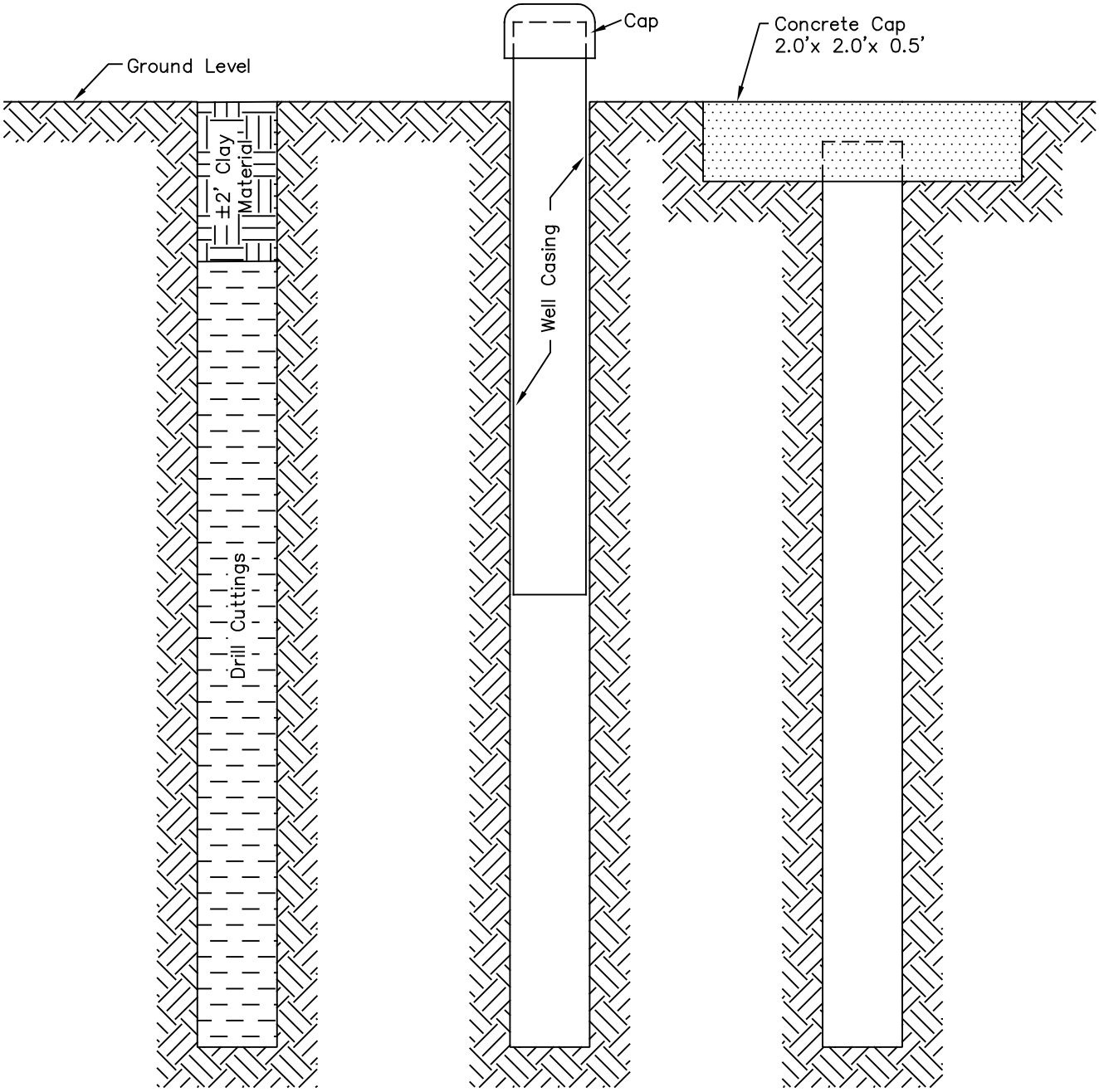


EXPLORATION HOLE

ACTIVE MONITORING WELL

ABANDONED MONITORING WELL

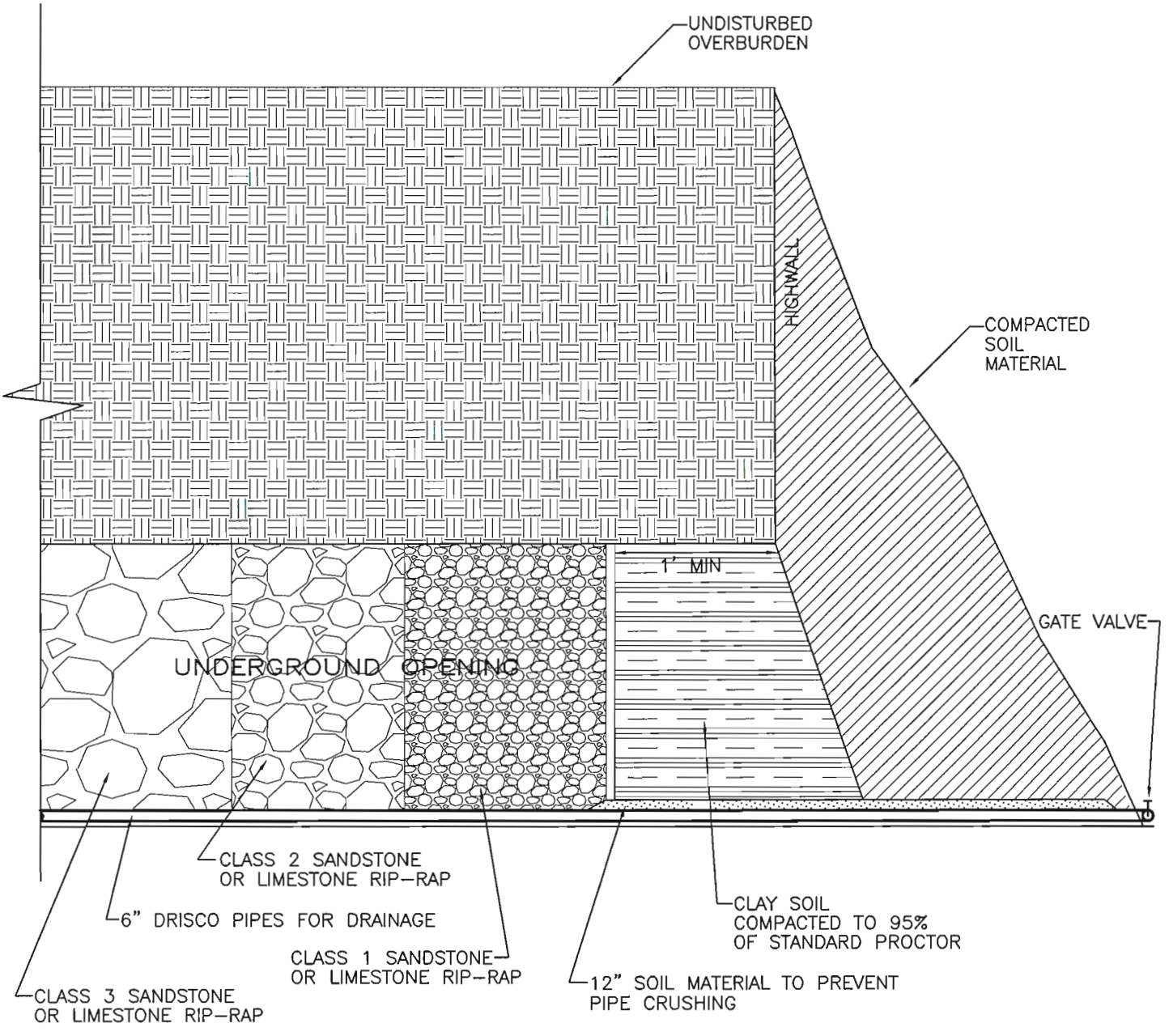
ATTACHMENT III–A–6

PERC
ENGINEERING CO., INC.

MONITORING WELL AND EXPLORATION HOLE MAINTENANCE AND SEALING DETAILS

DRAWN BY: R.E.P.	**DATE:** 6–28–89
APPROVED BY:	**SCALE: NONE**

Y:\CHO\REP\ATTACHMENTIII–A–8.DWG 06/12/08 17:12



ATTACHMENT III. – A. – 6.

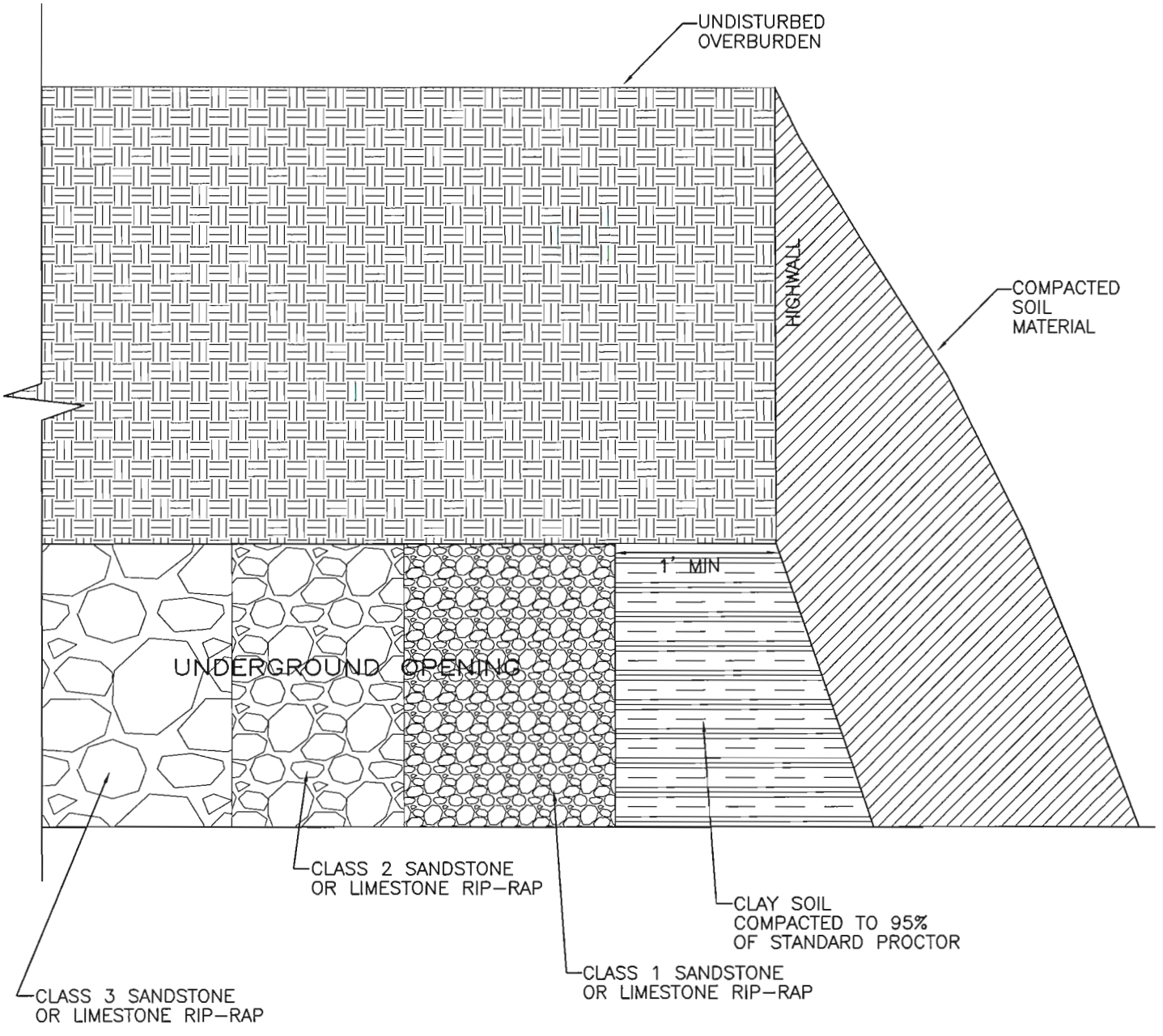
See response to III. – A. – 6 for sealing details.

PERC ENGINEERING CO., INC.
1608 Highway 78 West Jasper, Alabama 35501
P.O. Box 1712 Jasper, Alabama 35502
(205) 384-5553 Office (205) 384-9491 Fax

Typical Cross Section of Underground Workings Seal Wet Conditions

DRAWN BY:	K.E.P.	DATE:	12–06–07
DWG. NAME:	MRLLCWSW		
APPROVED BY:	W.K.M.	SCALE:	NONE

\\Perc600\perc_eng\Steve Miles\Steve Docs\Typicals\III-A-6\MRLLCWSW.dwg 09/08/08 09:40



ATTACHMENT III. – A. – 6.

See response to III. – A. – 6 for sealing details.

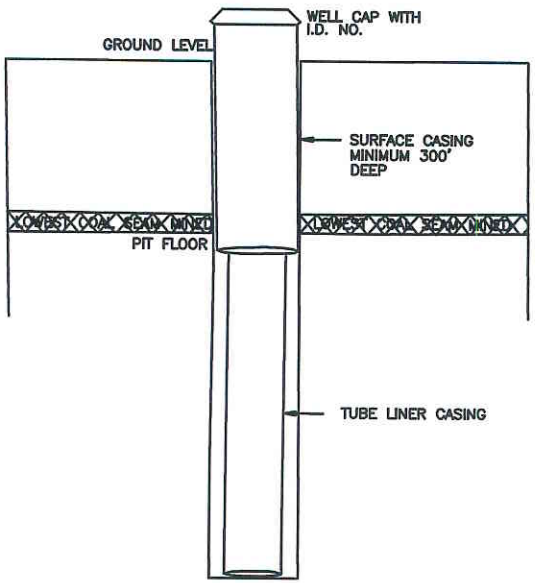
PERC ENGINEERING CO., INC.
1608 Highway 78 West Jasper, Alabama 35501
P.O. Box 1712 Jasper, Alabama 35502
(205) 384-5553 Office (205) 384-9491 Fax

Typical Cross Section of Underground Workings Seal Dry Conditions

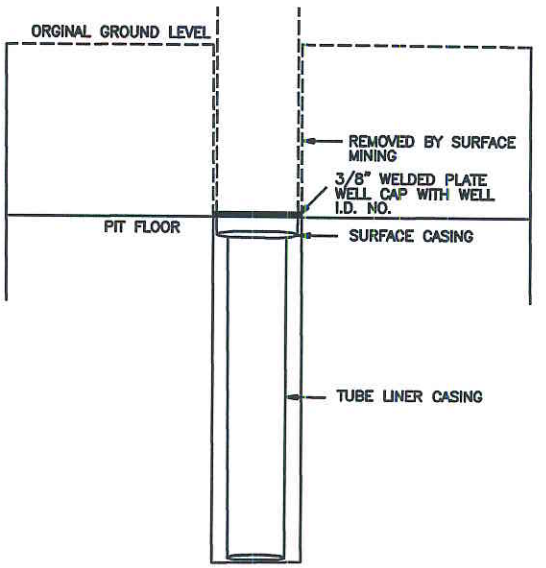
DRAWN BY:	K.E.P.	DATE:	12-6-07
DWG. NAME:	MRLLCUWS		
APPROVED BY:	W.K.M.	SCALE:	NONE

\\Perc600\perc_eng\Steve Miles\Steve Docs\Typicals\III-A-6\MRLLCUWS.dwg 09/08/08 09:31

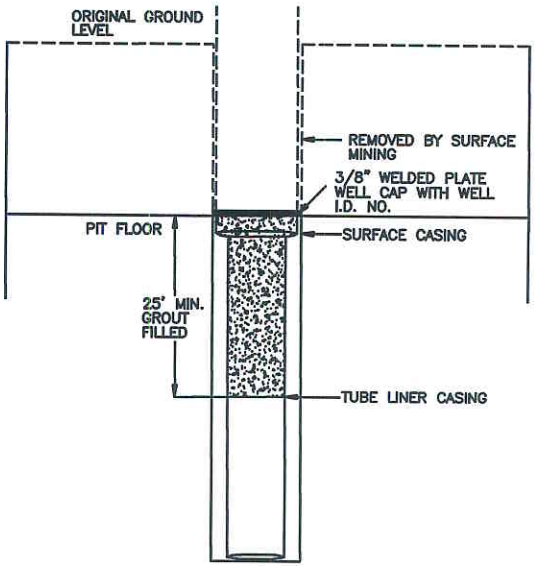
ABANDONED GAS OR OIL WELL
TYPICAL CROSS-SECTION



SEALING OF ABANDONED GAS OR OIL WELL
TYPICAL CROSS-SECTION STEEL CASING



SEALING OF ABANDONED GAS OR OIL WELL
TYPICAL CROSS-SECTION NON-STEEL CASING



PERC
ENGINEERING CO., INC.
1600 Highway 78 West Jasper, Alabama 35501
P.O. Box 1712 Jasper, Alabama 35502
(205) 384-5383 Office (205) 384-0114 Fax

ATTACHMENT III-A-6
TYPICAL PLUGGING PROCEDURE FOR GAS OR OIL WELL ENCONTURED IN MINING PROCESS

DRAWN BY: K.E.P. DWG. NAME: TYPPLUGG	DATE: 11/13/2008
APPROVED BY: S.D.M.	SCALE: NO SCALE