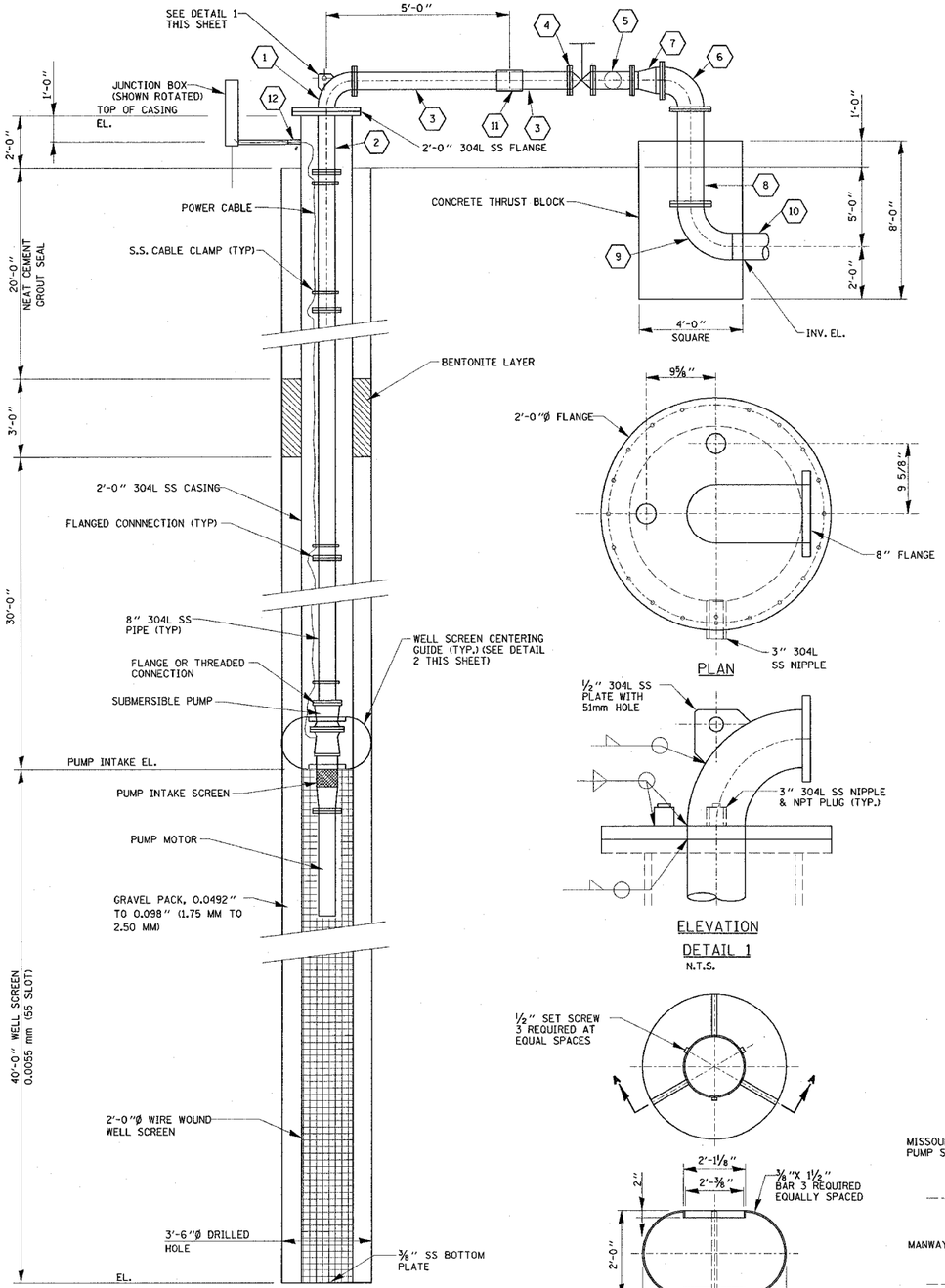
76856

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
*	**	***	7	5
STA.		TO STA.		

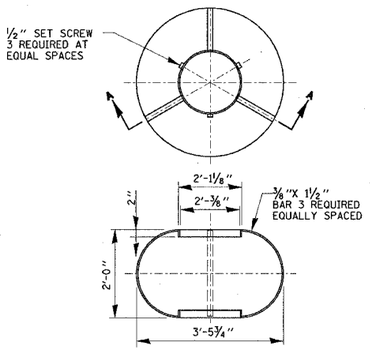
EXISTING CONDITIONS:

* VARIOUS ROUTES
** DISTRICT 8 DEEP WELLS 2005-1
*** ST. CLAIR COUNTY



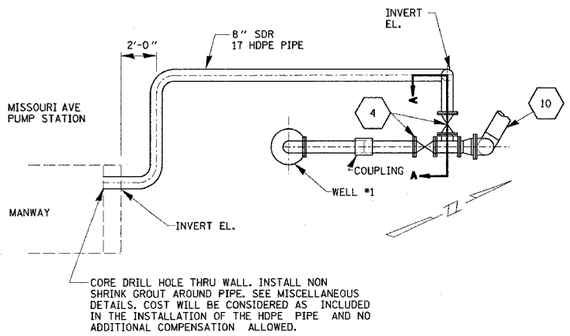
SECTION THRU WELL NO.4
N.T.S.

ELEVATION
DETAIL 1
N.T.S.



SECTION A-A
DETAIL 2
N.T.S.

WELL SCREEN CENTERING GUIDE



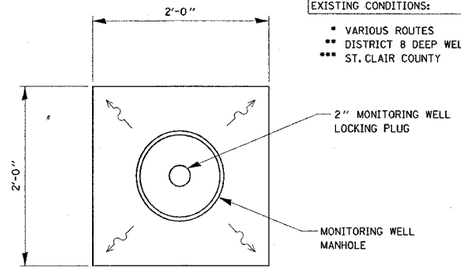
CORE DRILL HOLE THRU WALL. INSTALL NON SHRINK GROUT AROUND PIPE. SEE MISCELLANEOUS DETAILS. COST WILL BE CONSIDERED AS INCLUDED IN THE INSTALLATION OF THE HDPE PIPE AND NO ADDITIONAL COMPENSATION ALLOWED.

PLAN
DETAIL 3
N.T.S.
FOR SECTION A-A

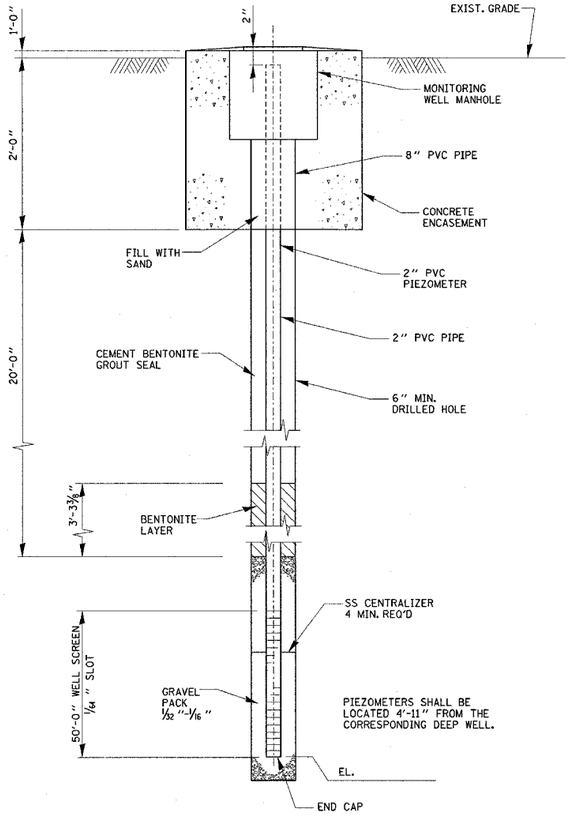
LEGEND

1. 8" 304 L SS 90° ELBOW W/2'-0" FLANGE AND 8" FLANGE
2. 8" 304 L SS PIPE FLANGE x PE. WELD PE TO 2'-0" FLANGE FOR ITEM 1
3. 8" 304 L SS PIPE, FLANGE x PE
4. 8" KNIFE GATE VALVE.
5. 8" 304 L SS TEE, FLANGE
6. 1'-0" 304 L SS 90° ELBOW FLANGED.
7. 8"X1-0" 304 L SS REDUCER, FLANGED
8. 1'-0" 304 L SS PIPE, FLANGED
9. 1'-0" SDR 17 HDPE 90° ELBOW, FLANGE x PE
10. 1'-0" SDR 17 HDPE PIPE
11. SS COUPLING, 8"X1'-0 1/2"
12. 3" 304 L SS NIPPLE. WELD TO CASING (SHOWN ROTATED) ORIENT PER ELECTRICAL DRAWINGS.

NOTE:
ALL NUTS, BOLTS & WASHERS SHALL BE 304 STAINLESS STEEL.



PLAN



PROFILE
DETAIL OF NEW PIEZOMETER
N.T.S.

NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

VARIOUS ROUTES TYPICAL WELL DETAILS

VARIOUS ROUTES
DISTRICT 8 DEEP WELLS 2005-1
ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: Friday July 30, 2004 @ 1:45:20 PM

PLAN | NOTE BOOK | NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | DATE | BY

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