

CROSS SECTION 1477340E

LEGEND

- PROPOSED FINAL COVER/BASE LINER
- - - EXISTING GROUND SURFACE
- - - 6" DIA. PERFORATED GRADIENT CONTROL/LEACHATE COLLECTION PIPE
- - - WATER TABLE LINE
- - - APPROXIMATE DIVERSION BERM LOCATION
- - - STRATIGRAPHIC BOUNDARY, DASHED WHERE INFERRED
- - - MAIN GRADIENT CONTROL TRANSFER PIPE
- - - WATER TABLE OR PIEZOMETRIC ELEVATION
- - - UNIT B AND C BOUNDARY
- - - BORING OR WELL NUMBER

NOTES

1. EXISTING GROUND SURFACE TAKEN FROM PLAN SHEET 3.
2. ELEVATION REFERENCED TO USGS MEAN SEA LEVEL (MSL) DATUM, 1929.
3. GROUNDWATER ELEVATIONS BASED ON MEASUREMENTS OBTAINED BY DPC ON APRIL 26, 1996.
4. THE STRATUM LINES ARE BASED ON INTERPOLATION BETWEEN BORINGS AND ON INFORMATION CONTAINED ON THE HIGHWATER TABLE CONTOUR MAP (PLAN SHEET 12) AND THE TOP OF COMPETENT BEDROCK CONTOUR MAP (PLAN SHEET 13) IN THE FEASIBILITY REPORT, AND ON THE BOTTOM OF LOESS EXISTING CONDITIONS (FIGURE 2) SHEET INCLUDED IN THE APRIL 30, 1999, SUPPLEMENTAL INFORMATION TO SUPPORT FEASIBILITY DETERMINATION. ACTUAL SUBSURFACE CONDITIONS BETWEEN BORINGS MAY VARY. CORRELATIONS ARE SHOWN IN MORE DETAIL IN FEASIBILITY REPORT PLAN SHEETS 4-10 (RMT, SEPTEMBER 1997).
5. SOIL BORINGS AND WELLS HAVE BEEN PROJECTED ONTO THE CROSS SECTION.
6. SEE SHEET 4 FOR SUBBASE GRADES, SHEET 5 FOR BASE GRADES AND SHEET 12 FOR FINAL GRADES.

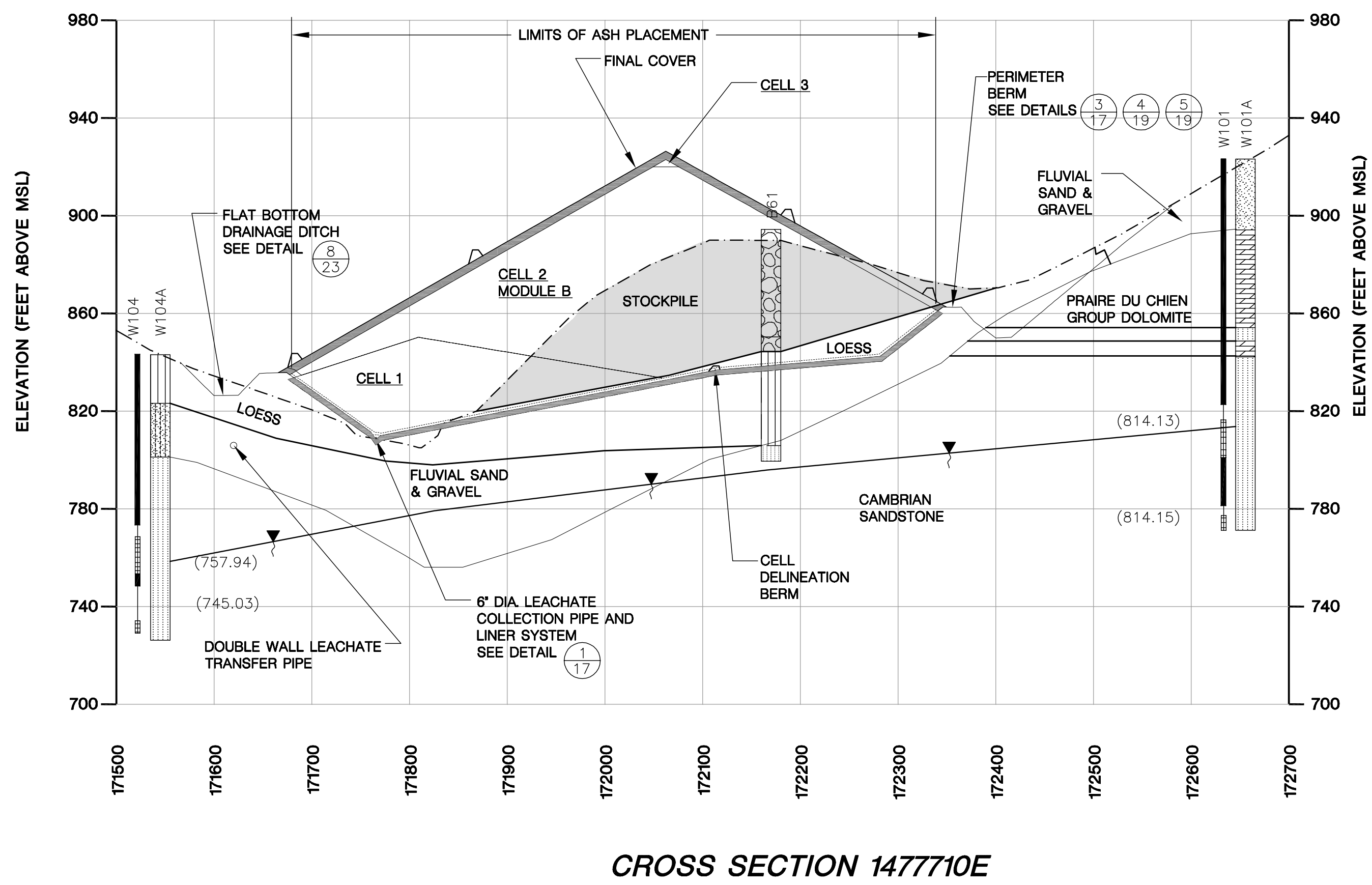
(SEE SHEET 2 FOR STANDARD NOTES AND LEGEND)

WELL CONSTRUCTION

- WELL SEAL
- WELL CASING
- WELL SCREEN

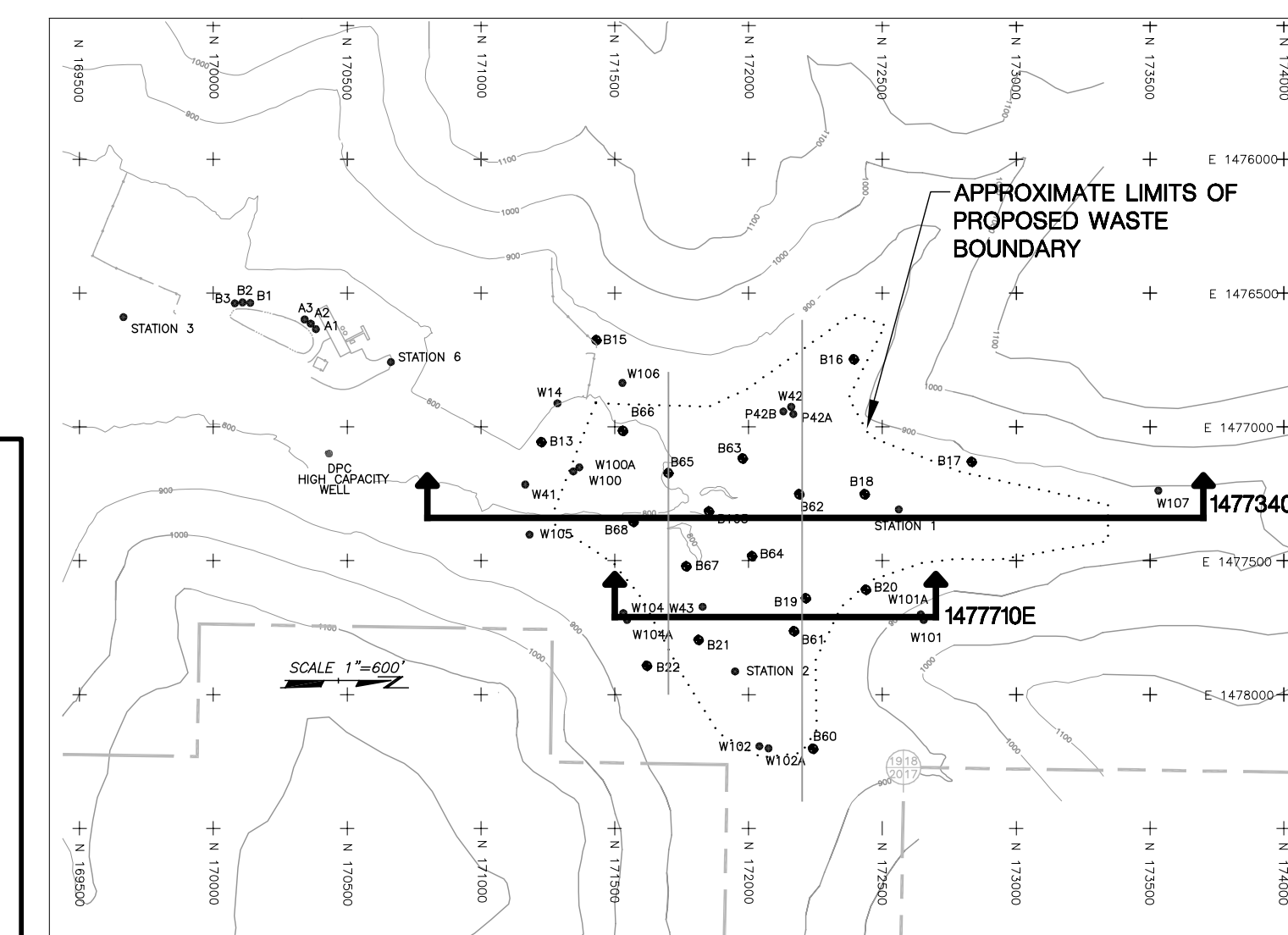
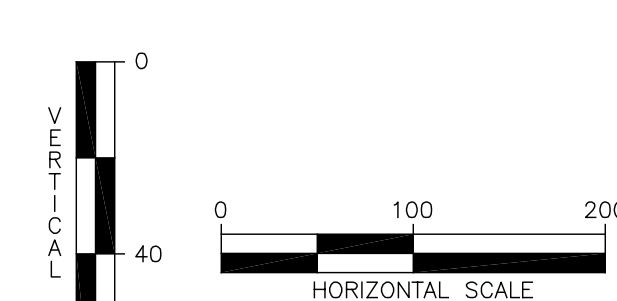
LITHOLOGIC UNITS (USCS CLASSIFICATION)

- TOPSOIL
- FILL
- SILT (ML)
- CLAY (CL)
- SILTY CLAY (CL)
- CLAYEY SILT (ML)
- SAND (SP)
- POORLY GRADED GRAVEL
- SILTY GRAVEL WITH SAND (GM)
- SILTY SAND WITH GRAVEL (SM)
- SILTY SAND (SM)
- SANDSTONE
- DOLOMITE
- SANDY SILT



CROSS SECTION 1477710E

VERTICAL SCALE EXAGGERATED 2.5X



CROSS SECTION LOCATOR MAP

NOTE: THESE PLANS ARE ACCOMPANIED BY A REPORT OF THE SAME TITLE. THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED AND REVIEWED TOGETHER. THESE DOCUMENTS ARE INTENDED TO BE USED FOR REGULATORY PURPOSES ONLY. (NOT FOR CONSTRUCTION)

| 3.   |                      |                       |          |        |
|--|----------------------|-----------------------|----------|--------|
| 2.   |                      |                       |          |        |
| 1.   |                      |                       |          |        |
| NO.  | BY                   | DATE                  | REVISION | APP'D. |
| PROJECT: DAIRLYAND POWER COOPERATIVE PLAN OF OPERATION BUFFALO COUNTY, WISCONSIN |                      |                       |          |        |
| SHEET TITLE: ENGINEERING CROSS SECTIONS 1477340E AND 1477710E                    |                      |                       |          |        |
| DRAWN BY: DEFOEJ   | SCALE: HORIZ. 1"=100 | PROJ. NO. 3081.40     |          |        |
| CHECKED BY: DM   | VERT. 1"=40'         | FILE NO. 30814002.DWG |          |        |
| APPROVED BY: BJK   | DATE PRINTED:        | SHEET 16 OF 23        |          |        |
| DATE: OCTOBER 2000   |                      |                       |          |        |



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