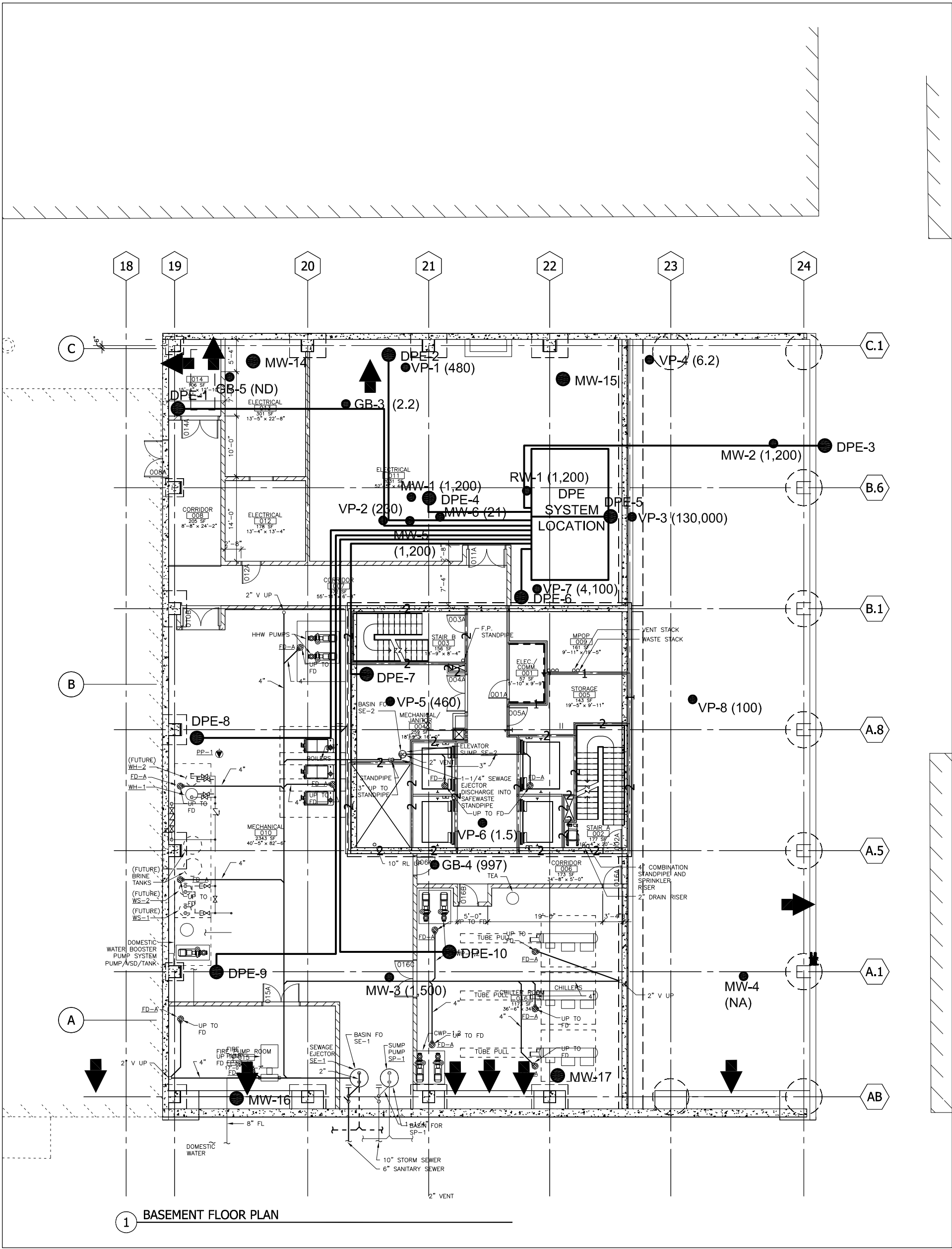




F:\Projects\CRC\CAD\basement planview\DPE & GW DATA Locationc.dwg

NOTES:

1. DPE system piping shall be installed beneath the slab as shown and consist of 2-inch SCH 80 PVC pipe.
2. DPE system piping shall be installed such that piping slopes from the vacuum pump to the DPE well.
3. DPE system piping shall be installed and pressure tested as described in the technical specifications and proposed drawings.
4. DPE wells shall be installed as shown in the proposed drawings.
5. DPE system equipment and manifold piping shall be installed as shown on the proposed drawings.
6. Groundwater generated from the DPE system shall be discharged to the sanitary sewer. Groundwater treatment may be required based on system start-up analytical results.
7. DPE exhaust emissions shall be discharged to the atmosphere through riser piping that exits the building through the proposed building's west wall of the second level ceiling. Air emissions treatment may be required based on system start-up analytical results.

LEGEND

- DPE-1 Proposed DPE Well Location
- MW-13 Proposed Monitoring Well Location
- VP-1 Existing DPRA Vapor Extraction Port Location
- MW-1 Existing DPRA Monitoring Well Location
- RW-1 Existing DPRA DPE Well Location
- VP-3 (130,000) 2007 PCE Concentration in ug/L
- GB-5 (ND) Not Detected
- MW-4 (NA) Not Analyzed

N  NOT TO SCALE

Rev	Date	By	Description
1	7/26/2007	JDS	DPE system design modifications

LANDMARK
ENVIRONMENTAL, LLC
2042 W. 98th Street
Bloomington, MN 55431

DUAL PHASE EXTRACTION SYSTEM LAYOUT		
219 AND 223 FIRST AVENUE S.W. ROCHESTER, MINNESOTA		

Landmark Project Number: CRC		
Drawn: JDS	Checked: .	Designed: JDS
Scale: None	Date: 07-16-2007	Revision: .
Drawing Number:		Sheet 1 Of 1 Sheets