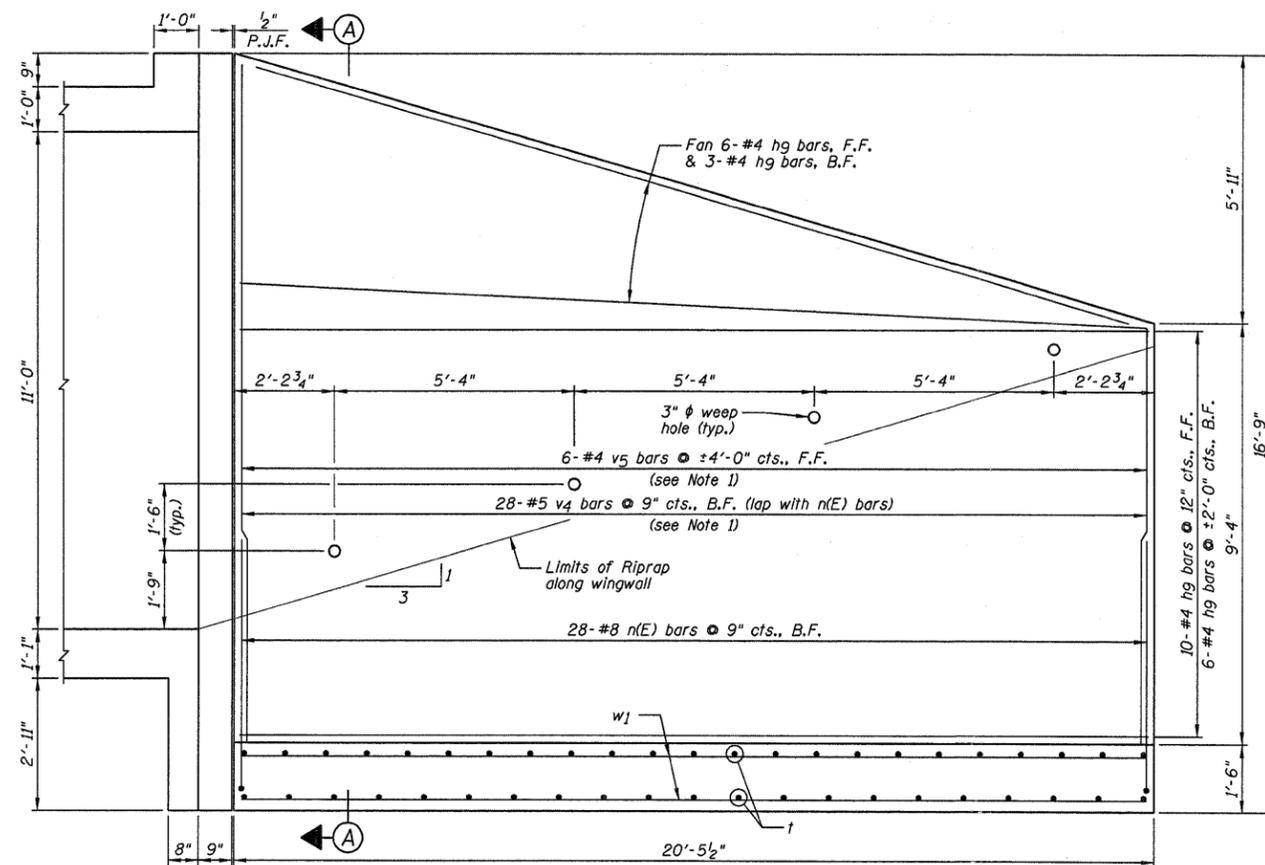
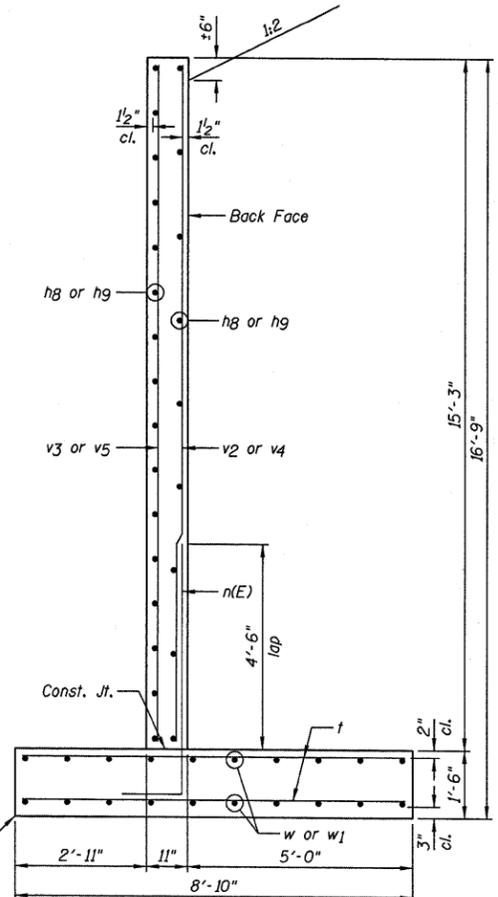


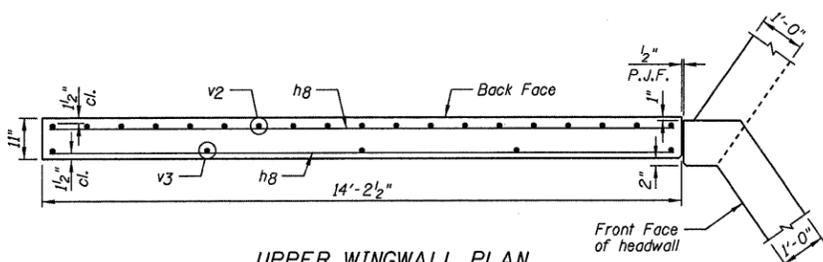
NORTHEAST & SOUTHWEST WINGWALL ELEVATION



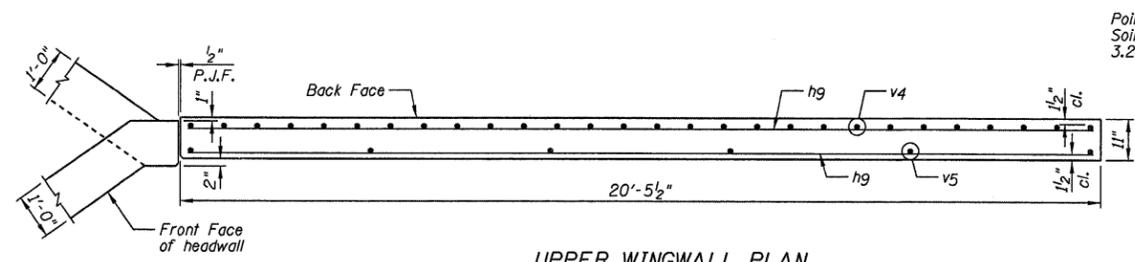
NORTHWEST & SOUTHWEST WINGWALL ELEVATION



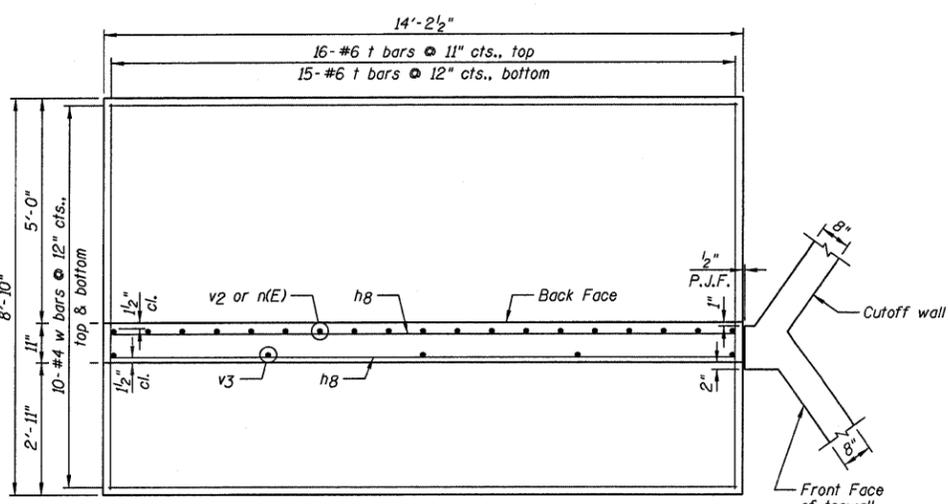
SECTION A-A



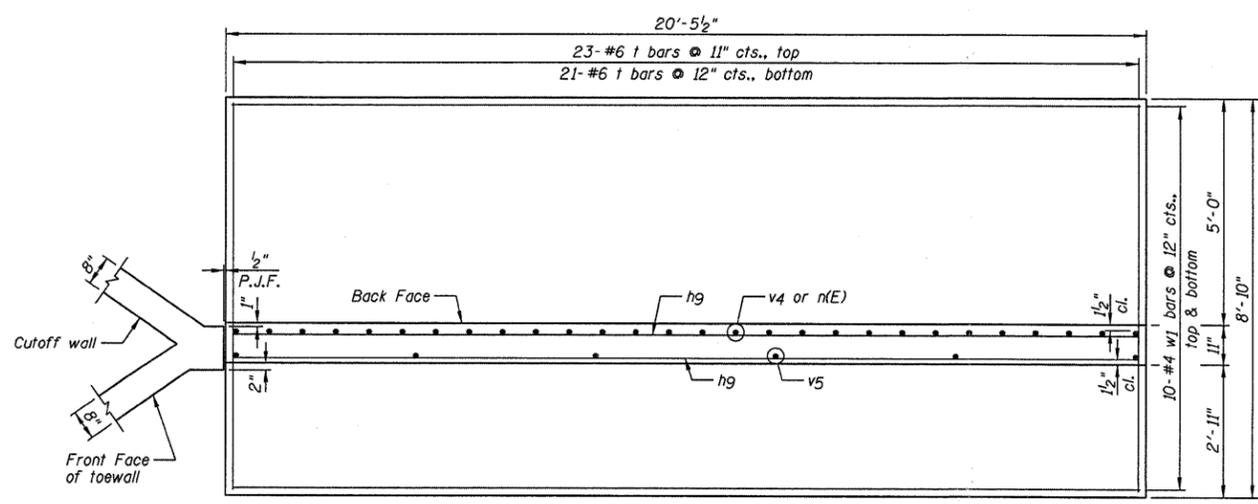
UPPER WINGWALL PLAN



UPPER WINGWALL PLAN



LOWER WINGWALL PLAN



LOWER WINGWALL PLAN

- NOTES:**
- 1.) Order v2, v3, v4 and v5 bars full length, cut according to Bar Cutting Diagram on Sheet B3. Use remainder of bars in opposite wingwall.
  - 2.) Calculated minimum bearing pressure = 3.27 ksf.
  - 3.) For Bill Of Material, see Sheet B3.
  - 4.) F.F. denotes Front Face. B.F. denotes Back Face.
  - 5.) Bottom of Footing Elev. N.E. & N.W. Wingwalls = 642.96.
  - 6.) Bottom of Footing Elev. S.E. & S.W. Wingwalls = 642.84.

|   |  |                 |           |   |   |                           |              |                    |                  |                 |                 |              |
|---|--|-----------------|-----------|---|---|---------------------------|--------------|--------------------|------------------|-----------------|-----------------|--------------|
| FILE NAME = c:\projects\p03504\consult\16_0070213.dwg | USER NAME = carpentordj                | DESIGNED - JML  | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CAST-IN-PLACE CONCRETE WINGWALLS</b>   |                           |              | F.A.P. RTE. 681    | SECTION 116 BR-1 | COUNTY IROQUOIS | TOTAL SHEETS 28 | SHEET NO. 16 |
| PLOT SCALE = 2.0000' / IN.                            | PLOT DATE = Aug 07, 2008 - 09:09:28 AM | DRAWN - DJM     | REVISED - |   | SCALE:  | SHEET NO. B6 OF 14 SHEETS | STA. TO STA. | CONTRACT NO. 66730 |                  |                 |                 |              |
|   |  | CHECKED - MSW   | REVISED - |   | ILLINOIS FED. AID PROJECT   |                           |              |                    |                  |                 |                 |              |
|   |  | DATE - 04/09/08 | REVISED - |   | FARNSWORTH GROUP, INC. CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX |                           |              |                    |                  |                 |                 |              |